AGENDA

City of Gig Harbor Hearing Examiner
Virtual Hearing of Tuesday March 1, 2022 at 1:30 PM

Due to public health concerns, this meeting will be accessible to listen by using the information below:
Link to join Webinar https://us06web.zoom.us/j/89687328917
Call-in: (253) 215-8782 Meeting ID: 896 8732 8917

To speak during the meeting, press the Raise Hand button near the bottom of your Zoom window or press *9 on your phone. Comments are only allowed during designated portions of the meeting. Please refrain from "raising your hand" until the Hearing Examiner has announced that he has opened the public comment portion of the meeting. Your name or the last four digits of your phone number will be called out when it is your turn to speak. When using your phone to call in you may need to press *6 to unmute yourself. All speakers will have up to three minutes to speak.

If you wish to submit written public comment, please provide your comments to the Planning Division by **Monday February 28, 2022 by 5:00 pm.** All written comments must be able to be read in 3 minutes or less to be included in the record and have the title: **FOR PUBLIC COMMENT** included. Send comments to: candrews@gigharborwa.gov. Written comments will be read during the appropriate agenda item.

I. Open Public Meeting

II. Public Hearing

Items on this agenda will be reviewed according to the following format:

1. Open public hearing
2. Staff Report
3. Applicant's presentation
4. Public Comment
5. Close public hearing

New Business

1. **KATE KEGG, 200 BAKER STREET E, COSTA MESA, CA 92626: CHIPOTLE MEXICAN GRILL**, (PL-CUP-21-0003, PL-DR-21-0186, PL-SPA-21-0012). The applicant is proposing a tenant improvement to develop a fast-casual Mexican restaurant with a pick-up lane at the former Opus Bank location. The tenant improvement will include all required utility infrastructure and will also include a revitalization of the exterior of the existing structure. The existing drive-aisle will be redesigned to accommodate a pick-up order window. The site is located at 4823 Point Fosdick Dr., site is located on the east side of Point Fosdick Dr., Lot 8, within the Point Fosdick Square Shopping Center. Sect 17, Tw 21, R 02 Qtr 43. Parcel No. 4003030080

III. Adjournment

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
STAFF REPORT

TO: Hearing Examiner
FROM: Planning Staff
DATE: February 22, 2022

RE: **PL-CUP-21-0003, PL-SPA-21-0012, PL-DR-21-0186**
Chipotle Mexican Grill

I. GENERAL INFORMATION

Applicant:
FHA Architects
14344 Y Street
Omaha, NE 68137

Owner:
DS Properties 18 LP
325 W Washington St #2148
San Diego, CA 92103

Agent/Architect:
Ben Wilson
FHA Architects
14344 Y Street
Omaha, NE 68137

II. APPLICANT'S REQUEST

Ben Wilson, on behalf of FHA Architects, has applied for a Conditional Use Permit to allow a drive-through facility in association with a Restaurant, Level 3. The subject property is located within the General Business (B-2) zone, in which a drive-through facility is listed as a conditional use. The Gig Harbor Municipal Code (GHMC) defines drive-through facilities as an establishment,

as allowed in the zone, that permits customers to receive services or products while remaining in their vehicles. See GHMC Section 17.04.285.

The proposal involves the renovation of the former Opus Bank Building, located at 4823 Point Fosdick Drive, consisting of an indoor seating area, open air dining, a kitchen area, and a drive aisle for a pick-up window. The proposal includes minor site changes to the existing parking and landscaping areas. The existing bank drive-through will be utilized for the restaurant pick-up window. A total of 27-off-street parking stalls are proposed to serve the site. The GHMC requires a total of 27-stalls to serve the restaurant and the drive-through facility. The minor site plan amendments and building elevations are detailed in an architectural plan set, which is included with this staff report as Exhibit A.

III. SITE DESCRIPTION

A. Location: The subject site is part of the Point Fosdick Square located to the East of Point Fosdick Drive NW just north of 48th Street NW at 4823 Point Fosdick Drive.

Assessor's Parcel # 4003030080

B. Site Area/Acreage: Total site: 0.46 acres

C. Existing Site Characteristics:

1. **Topography:** The subject site is developed with an existing building and associated parking. These areas are mostly flat to accommodate the existing development.

2. **Vegetation:** Vegetation on the site consists of existing ornamental landscaping associated with the Opus Bank development.

3. **Wetlands and Critical Areas:** No critical areas have been identified on or within 300-feet of the subject site.

D. Zoning:

1. **Subject parcel:** General Business (B-2)

2. **Adjacent zoning and current use:**
   a. **North:** B-2 – Retail and restaurant
   b. **East:** B-2 – Restaurant
   c. **South:** B-2 – Bank
   d. **West:** B-2 – Restaurant and Professional Services

E. Utilities / Road Access: Existing access to the site includes a two-lane

driveway off Point Fosdick Drive. The City of Gig Harbor is the water and sewer purveyor for the site.

IV. APPLICABLE CODES AND POLICIES

A. **Comprehensive Plan:** The site is designated as Commercial/Business on the City's Land Use Map. This use designation allows for primarily retail and wholesale facilities, including service and sales. Where appropriate, mixed-use (residential with commercial) may be permitted through a planned unit development process. Commercial-business activities consist of the following:

1. Retail sales and services.

2. Business and professional offices.

3. Mini-warehousing. Commercial Areas which border residential designations or uses should use available natural features as boundaries.

B. Gig Harbor Zoning Code:

1. Minor Site Plan Approval: GHMC Section 17.96.030 classifies applications for minor site plan review as:

a. A change in use of an existing structure which increases the number of required off-street parking spaces and/or requires a change of use capacity evaluation.
b. Modification to the number of off-street parking stalls or amount of hard/impermeable surfaces on an existing site, provided such modifications do not exceed a 10% increase over the original.
c. Modifications to the parking lot layout or parking lot landscaping.

GHMC 17.96.035 states that the Director shall approve applications for site plan review only if all the following criteria are met:

a. The site plan is compatible with the surrounding uses; and
b. The site plan is compliant with all relevant statutory codes, regulations, and ordinances.

2. Conditional Uses: Certain uses, because of their unusual size, infrequent occurrence, special requirements, possible safety hazards or detrimental effect on surrounding properties, are classified as conditional uses. These uses may be allowed in certain uses districts by a Conditional Use Permit (CUP) granted by the Hearing Examiner. A CUP is required for Drive-through Facilities in the General Business District (GHMC 17.14.020). Each determination granting or denying a conditional use permit shall be supported by written findings of fact showing specifically wherein all of the conditions of GHMC Section 17.64.040 are met.

3. **B-2 General Business District:** The following code sections apply to this proposal:
   a. Chapter 17.32 General Business District (B-2)
   b. Chapter 17.72 Off-Street Parking and Loading Requirements
   c. Chapter 17.78 Landscaping and Screening
   d. Chapter 17.96 Site Plans
   e. Chapter 17.98 Design Standards and Review
   f. Chapter 17.99 Design Manual

4. **Design Manual:** The Design Review process is defined under GHMC 17.98. GHMC Section 17.98.030 states that Chapter 17.99, Design Manual, applies to all outdoor proposals which require a building permit, clearing and grading permit, or which are part of a project or development requiring a site plan.

C. Environmental Regulations: SEPA review procedures are codified in GHMC Chapter 18.04. Critical areas are regulated under Chapter 18.08.

V. BACKGROUND INFORMATION

The subject property was established as part of the Point Fosdick Square Binding Site Plan in 2011 as Lot 8 (Pierce County Recording # 201105275001, and as amended by instruments recorded under recording numbers 201201275001 and 201302155002) The existing building on site was constructed in 2012 under a building permit issued by the City of Gig Harbor, case number BD-12-0009.

VI. ENVIRONMENTAL REVIEW

The scope of the proposed project is categorically exempt from the State Environmental Policy Act (SEPA) threshold determination process, pursuant to WAC 197-11-800(2)(f) – *Additions or modifications to or replacement of any building or facility exempted by subsections (1) and (2) of this section when such addition, modification or replacement will not change the character of the building or facility in a way that would remove it from an exempt class.*

VII. PUBLIC NOTICE & INPUT

Legal notice of the proposed action was published in the September 30, 2021 edition of the Tacoma News Tribune. In addition, notice was mailed to all property owners within 300 feet of the site on September 30, 2021. Notice was also posted on the site on September 30, 2021. Notice of Application is included as Exhibit H to this staff report.

The city received one comment in response to the Notice of Application from the Squaxin Island Tribe of Indians, stating that the Squaxin Tribe of Indians would concur with recommendations from the Department of Archeology and Historic Preservation (DAHP), should any recommendations be provided to the City. However, no recommendations were provided from the DAHP related to this proposal. The comment from the Squaxin Island Tribe of Indians is included as Exhibit C to this staff report.

The scheduled hearing was published in the February 15, 2022 edition of the Tacoma News Tribune. In addition, notice was mailed to all property owners within 300 feet of the subject site on February 15, 2022. Notice was also posted on the subject site on February 15, 2022. The Notice of Public Hearing is included as Exhibit J to this staff report.

VIII. STAFF ANALYSIS AND FINDINGS

A. Planning Department

1. **GHMC Chapter 17.96 Site Plans:** Site Plan Review is intended to ensure that development projects are executed in a manner consistent with existing ordinances and ensure that development of a site will provide the features necessary to protect the health, safety, and general welfare of the public. Applications for Minor Site Plan Review shall be approved only if the following criteria are met.

    a. **Compatibility with surrounding uses:** The subject property is within the General Business District (B-2), with one access point off Point Fosdick Drive. The surrounding properties are also zoned B-2 with retail sales, professional services, and restaurant uses. The proposed restaurant meets the definition of a "Restaurant 3"[1] use which is permitted in the B-2 Zoning District. The pickup window is defined as a "Drive-through facility"[2] and has been reviewed for compliance with the CUP criteria for approval in Section VIII.A.3 of this report.

    b. **Compliance with all relevant statutory codes, regulations and ordinances:** The project has been reviewed for compliance with all relevant statutory codes, regulations and ordinances and found to be compliant. The site is appropriately zoned for the proposed use, no changes to landscaping are proposed, and the project is compliant with setbacks, height, impervious coverage, and off-street parking requirements, as reviewed in the sections below.

2. **GHMC Chapter 17.36 General Business District (B-2):** The following development standards and height requirements are applicable in the B-

[1] "Restaurant 3" means an establishment that prepares and serves food and alcoholic beverages.
[2] "Drive-through facility" means an establishment, as allowed in the zone, that permits customers to receive services or products while remaining in their vehicles.

2 Zoning District.

GHMC 17.36.060 requires setbacks of 20 feet in the front and rear yards, and side setbacks of 5 feet for interior yards, and 10 feet when flanking a street.

GHMC 17.36.070 establishes a maximum of 70% impermeable surface coverage and a maximum 70% hard surface coverage for the site. Hard surface coverage is all buildings, driveways, walkways, and other similar hard surfaces. The site is currently covered by approximately 64.36% impervious surface.

GHMC 17.36.080 limits all buildings and structures to 35 feet in the B-2 Zoning District. The existing building is 28-feet high at the building footprint. The proposal does not seek to increase the height of the building.

GHMC 17.36.120(A) requires all exterior mechanical devices to be screened. The proposal provides adequate screening for two proposed rooftop mechanical units

3. **Conditional Use Permit:** The B-2 District allows Drive-through facilities as a conditional use. Conditional Use Permits may be granted only if the applicant can successfully demonstrate that all criteria contained within GHMC17.64.040 have been satisfied. Each criterion is provided below followed by staff analysis. The applicant has also provided written response to each criterion, which is attached to the staff report as Exhibit B.

   a. GHMC 17.64.040(A): That the use which the conditional use permit is applied for is specified by this title as being conditionally permitted within, and is consistent with the description and purpose of the zone district which the property is located.

      Staff Analysis: The proposed drive-through facility is specified as being conditionally permitted within the B-2 District. The proposed restaurant is consistent with the intent of the B-2 District as the reuse and improvement of this vacated building will provide additional services for the citizens of the city in a convenient, attractive, and safe development. The existing drive-through facility is a use that is commonly associated with restaurant uses. Continuing that use would not significantly impact the character of the site.

   b. GHMC 17.64.040(B): That the granting of such conditional use permit will not be detrimental to the public health, safety, comfort, convenience, and general welfare, will not adversely affect the established character of the surrounding neighborhood, and will not be

injurious to the property or improvements in such vicinity and/or zone in which the property is located.

Staff Analysis: The subject site is surrounded by commercial development and well-separated from sensitive residential uses. Among the uses previously established adjacent to the site, there are restaurant uses, retail, professional services, and financial institutions. The proposed use of the subject site is consistent with these established uses.

In addition, public health and safety concerns will be addressed through the requirements of the public works standards and by compliance with the International Building Code and the Fire Code.

c. GHMC 17.64.040(C): That the proposed use is properly located in relation to the other land uses and to transportation and service facilities in the vicinity; and further, that the use can be adequately served by such public facilities and street capacities without placing an undue burden on such facilities and streets.

Staff Analysis: A transportation concurrency analysis was conducted for this proposal and found that the re-use of the building as proposed would result in an increase of PM peak hour trips from the buildings former use as a bank with a drive through window. Based on the analysis a transportation impact fee of $25,467 required.

Staff finds that the proposed drive-through facility is properly located in relation to transportation facilities in the vicinity and will not place an undue burden on street capacities.

The provided Trip generation memo for the project included in this staff report as Exhibit E indicates a peak hourly volume of 37 vehicles for the drive-through facility. Therefore, the drive-through facility use requires stacking lanes to accommodate 3.7 vehicles (37 * 0.1 = 3.7). The proposal provides a total of 7 stacking spaces to accommodate the peak hourly volume of vehicles through the drive-through facility, this is demonstrated on sheet SP100 of Exhibit A to this staff report.

d. GHMC 17.64.040(D): That the site is of sufficient size to accommodate the proposed use and all yards, open spaces, walls and fences, parking, loading, landscaping and other such features as are required by this title or as needed in the opinion of the examiner.

Staff Analysis: The site is of sufficient size to accommodate the proposed use and will utilize the previous tenant's facilities including the yards, open spaces, fences, parking, loading, landscaping, drive

aisle, and other features as required by the Gig Harbor Municipal code. The proposal provides a total of 7 stacking spaces to accommodate the peak hourly volume of vehicles through the drive-through facility. An analysis of the required parking and vehicle stacking is included in Section VIII.A.4 of this staff report.

4. **GHMC Chapter 17.72 Off-Street Parking and Loading Requirements:** The regulations concerning off-street parking are intended to reduce the need for parking on streets and the traffic congestion and hazards caused thereby, and to provide off-street parking adequate for each type of development, both in terms of amount and location. GHMC 17.72.030 specifies the amount of required parking for Restaurant 3.

   Restaurants that are classified as "Restaurant 3" require one off-street parking space for every 3 seats. The restaurant space is proposed to have seating for 74; therefore, 25 parking spaces are required (74 / 3 = 24.66). See Exhibit D for the applicant's parking calculations.

   GHMC 17.72.030 specifies that drive-through facilities provide one off-street space for every two employees assigned to the drive-through service area. In addition, a stacking lane or lanes capable of accommodating a minimum of 10 percent of the projected maximum hourly throughput of vehicles for the drive-through facility shall be provided near the drive-through service area. The provided Trip generation memo for the project included in this staff report as Exhibit E indicates a peak hourly volume of 37 vehicles for the drive-through facility. Therefore, the drive-through facility use requires stacking lanes to accommodate 3.7 vehicles (37 * 0.1 = 3.7). The proposal provides a total of 7 stacking spaces to accommodate the peak hourly volume of vehicles through the drive-through facility.

   The applicant has indicated that 4 staff members will be assigned to the drive-through facility. The provided parking calculation indicates that 2 additional parking spaces will be provided to accommodate employees assigned to the drive-through service area. See Exhibit D for the applicant's parking calculations.

   Combined, the proposal requires and provides a total of 27 off-street parking spaces, an increase from the 13 parking stalls associated with the previous use on-site.

   Property owner has provided a written confirmation acknowledging that the proposal consumes all remaining available parking stalls intended for shared use among tenants in the Point Fosdick Square Binding Site Plan. See Exhibit I.

5. **GHMC Chapter 17.98 & 17.99-Design Review:** The Design Review

process is outlined in GHMC Chapter 17.98. Subsection 17.98.050 outlines the administrative process for review of projects by the Community Development Department. The remodel and upgrade of the existing building and site improvements received 100% administrative review and was found to be consistent with the applicable specific requirements of the Design Manual.

See Exhibit F for the Design Manual Staff Worksheet. This worksheet provides further analysis and findings showing compliance with all applicable requirements of the City's Design Manual.

B. Operations and Engineering

The Operations and Engineering Division of the Public Works Department has reviewed the proposal and has found the request to be generally consistent with the applicable provisions of the Code.

C. Fire Marshal/Building Official

The Fire Marshal/Building Official has reviewed the proposal and has found the request to be generally consistent with the applicable provisions of the Code.

IX. CONCLUSIONS

A. Conditional Use Permit (PL-CUP-21-0003): Staff concludes that the criteria for Conditional Use permits contained in GHMC Section 17.64.040 have been met as addressed in Section VIII of this report.

B. Site Plan Review (PL-SPA-21-0012): Based upon the submitted information, site inspection, and the analysis and findings contained in Section VIII of this report, the staff concludes as follows:

1. The site plan and proposed use are compatible with the existing commercial uses in the city's B-2 District and with commercial development surrounding the site.
2. The site plan is in compliance with all relevant statutory codes, regulations, ordinances provided the site plan is conditioned as set forth in Section XI below, and the Conditional Use Permit application is approved.

C. Design Review (PL-DR-21-0186): Provided the request is properly conditioned, staff concludes that the proposed project design is consistent with the requirements of the city's Design Manual as addressed in Section VIII of this report.

X. RECOMMENDATION

Based upon the information contained in the application materials and the analysis and findings, staff recommends approval of the proposed Conditional Use Permit for the drive-through facility use and associated Minor Site Plan Review, and Design Review.

Should the requested land use permits be authorized by the Hearing Examiner, staff recommends the imposition of the following special conditions:

Site Plan Review PL-SPA-21-0003

1. The applicant shall ensure development of the site occurs consistent with the site plan referenced herein, last revised on December 22, 2021. See Exhibit A.

2. The applicant shall apply for all applicable application including, but not limited to, building, engineering, and signs.

Design Review Conditions PL-DR-21-0186

1. The exterior elevations of the remodeled building shall be developed consistently with the building elevations set forth in Exhibit A.

Project Planner: Jeremy Hammar, Associate Planner

_____

Date: _____

cc: file
Applicant
Owner

The following exhibits are included for your review of the proposed conditional use permit, minor site plan review, and all associated applications:

A. Architectural Plan Set, prepared by Harlan R. Faust, Architect, dated December 22, 2021.

B. Cover letter with applicant response to Conditional Use Permit Criteria, prepared by Harlan R. Faust, Architect., dated November 26, 2021.

C. Public Comment letter submitted by Shaun Dinubilo representing Squaxin Island Tribe dated October 7, 2021.

D. Parking Calculations, prepared by Harlan R. Faust, Architect., dated November 16, 2021.

E. Trip Generation Memo, prepared by Transportation Engineering Northwest, dated December 21, 2021

F. Gig Harbor Design Manual Checklist – Staff Worksheet, prepared by City of Gig Harbor Planning Division, dated January 10, 2022.

G. Point Fosdick Square Binding Site Plan, Pierce County recording number 201302155002, recorded February 15, 2013.

H. Notice of Application, published September 30, 2021

I. Email from Ramon Vidales regarding shared parking on site, dated January 4, 2022.

J. Notice of Public Hearing, published February 15, 2022

Duration of Permit Approval: For land use permits which do not require a building or civil permit, the land use permit does not expire if the use allowed by the project permit has been legally established within three (3) years from the date of approval. Upon written request by the property owner, prior to the date of land use permit expiration, the director may grant an extension of time up to but not exceeding one (1) year pursuant to GHMC 19.02.008(F). See GHMC 19.02.008 for complete regulations on the duration of permit approvals and expiration of permits. If the use or activity authorized by the conditional use permit approval is abandoned or discontinued for a continuous period of two (2) years, the conditional use permit shall expire, and the use or activity may not be reestablished unless authorized by a new conditional use permit.

The development permits included in this decision shall expire three (3) years from the date of decision unless a complete application for subsequent building permit or civil permit has been submitted and remained active, pursuant to GHMC 19.02.008. Upon written request by the property owner, prior to the date of land use permit expiration, the director may grant an extension of time up to but not exceeding one (1) year pursuant to GHMC 19.02.008(F). See GHMC 19.02.008 for complete regulations on the duration of permit approvals and expiration of permits.

Administrative Appeal: There is no administrative appeal for this decision. Any appeal of this decision shall be in accordance with RCW 36.70C.
Property Tax Valuation: Affected property owners may request a change in property tax valuation notwithstanding any program of revaluation by contacting the Pierce County Assessor-Treasurer.

Permit Documents: The complete project permit file, including official decision, findings, conclusions and conditions of approval, is available for review at the City of Gig Harbor Planning Division, 3510 Grandview Street, Gig Harbor, WA 98335, during normal business hours, Monday through Friday. Additional permit

information can also be found at www.cityofgigharbor.net by clicking “Permit Portal” and clicking “Applications” and entering the above permit numbers. Questions regarding the above stated decision should be made to Jeremy Hammar, Associate Planner at Jhammar@gigharborwa.gov

Other Permits Required:

This project may require permits from other City Departments such as a Civil Permit from Public Works or a Building Permit from Building and Fire Safety. In addition, other State and Federal permits might be needed. The Governor’s Office for Regulatory Innovation and Assistance can assist in determining other required permits. They can be reached at:
http://www.oria.wa.gov/site/alias__oria/347/our_permitting_services.aspx
Please check with these departments prior to commencing construction.

RECEIVED
By MThomas City of Gig Harbor at 2:59 pm, Dec 22, 2021

REGULATORY AGENCIES & UTILITIES

ZONING DEPARTMENT:	GIG HARBOR PLANNING DIVISION 3510 GRANDVIEW STREET GIG HARBOR, WA 98335 KIMBERLY MAHONEY KMAHONEY@GIGHARBORWA.GOV Tel: 253.851.6170 Fax: 253.858.6408	BUILDING DEPARTMENT:	GIG HABOR BUILDING & FIRE SAFETY DIVISION 3510 GRANDVIEW STREET GIG HARBOR, WA 98335 Tel: 253.851.6170 Fax: 253.858.6408	HEALTH DEPARTMENT:	TACOMA-PIERCE COUNTY ENVIRONMENTAL HEALTH 3629 S. D ST TACOMA, WA 98418 FOOD@TPCHD.ORG Tel: 253.649.1706
FIRE DEPARTMENT:	GIG HABOR BUILDING & FIRE SAFETY DIVISION 3510 GRANDVIEW STREET GIG HARBOR, WA 98335 Tel: 253.851.6170 Fax: 253.858.6408	WATER UTILITY:	WASHINGTON WATER SERVICE 5410 189TH ST E PUYALLUP, WA 98375 Tel: 253.537.6634	SEWER UTILITY:	GIG HARBOR PUBLIC WORKS 3510 GRANDVIEW STREET GIG HARBOR, WA 98335 Tel: 253.851.6170
NATURAL GAS UTILITY:	PUGET SOUND ENERGY 3130 S. 38TH ST. TACOMA, WA 98409 Tel: 888.321.7779	ELECTRICAL UTILITY:	PENINSULA LIGHT COMPANY 13315 GOODNOUGH DR NW GIG HARBOR, WA 98332 Tel: 253.857.5950	TELEPHONE UTILITY:	CENTURYLINK Tel: 800.526.3557

Store Number: 46-4140

GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

PROJECT INFORMATION

LANDLORD:	DONAHUE SCHRIBER GROUP 200 BAKER ST E COSTA MESA, CA 92626 RAMONA VIDALES RVIDALES@DSRG.COM Tel: 714.966.3206	ARCHITECT:	Harlan R. Faust, Architect 14344 Y Street, Suite 204 Omaha, NE 68137 Contact: Ben Wilson bwilson@fhaarchitects.com Tel: (402) 895-0878 Fax: (402) 895-9561	STRUCTURAL ENGINEER:	DCI Engineers 341 W. Tudor, Suite 105 Anchorage, AK 99503 Juleen Rogness jrogness@dci-engineers.com Tel: (907) 570-1446
TENANT:	Chipotle Mexican Grill, Inc. PO Box 182566 Columbus OH 43218-2566 Andrew Miller andrew.miller1@chipotle.com Tel: (570) 971-1039	MECHANICAL ELECTRICAL PLUMBING ENGINEER:	National Engineering 44 Union Blvd, Suite 509 Lakewood, CO 80228 Jason Decker jdecker@nationalengineering.com Tel: (720) 708-7079		

UTILITY COORDINATOR

NOTE to GC:
FOR ALL WATER, SEWER, NATURAL GAS, & ELECTRICITY UTILITIES CONTACT:

Gaucher & Associates, Inc.
2060 Baldwin Court
Seaside, CA 93955
Contact: Paul Gaucher
Email: paul@gaucherinc.com
Tel: (831) 393-1760
Fax: (831) 393-2858

GRAPHIC SYMBOLS

EXTERIOR ELEVATION MARKER
INTERIOR ELEVATION MARKER
SECTION MARKER
SECTION / DETAIL
LEVEL TARGET
DIMENSION TARGET
COLUMN GRID LABEL

ROOM NAME
ROOM NAME & NUMBER
MATERIAL TAG
REVISION NUMBER
DOOR NUMBER
MISCELLANEOUS EQUIPMENT TAG
FURNITURE TAG
KITCHEN EQUIPMENT TAG
WASHROOM ACCESSORIES TAG
WALL TAG

View Name
View Scale
VIEW LABEL & NORTH ARROWS

NORTH

ABBREVIATIONS

℄	CENTER LINE	EA.	EACH	KES	KITCHEN EQUIPMENT SUPPLIER	SIM.	SIMILAR
(E)	EXISTING CONSTRUCTION	EL	ELEVATION (VERTICAL HEIGHT)			SPS	SODA POP SUPPLIER
(N)	NEW CONSTRUCTION	ELEC	ELECTRIC(AL)	MAX.	MAXIMUM	SS	SUPPORT SIGNAGE
@	AT	ELEV	ELEVATION	MECH	MECHANICAL	SSS	CCTV AND SAFE/CASHBOX
Ø	DIAMETER OR ROUND	EQ	EQUAL	MFR	MANUFACTURER	STR	STRUCTURE
		EXT	EXTERIOR	MIN.	MINIMUM		
AFF	ABOVE FINISH FLOOR			MISC.	MISCELLANEOUS	T	TENANT
ALUM	ALUMINUM	FRP	FIBERGLASS REINFORCED PANEL	MSS	MUSIC SYSTEMS SUPPLIER	TAB	TENANT'S TEST & BALANCE VENDOR
ARCH	ARCHITECTUR(URAL)	FRT	FIRE RETARDANT-TREATED	N.I.C.	NOT IN CONTRACT	TBD	TO BE DETERMINED
ASS	ALARM SYSTEM SUPPLIER			NO.	NUMBER	TCC	TENANT'S CABLING CONTRACTOR
BD	BOARD	GA	GAUGE	O.C.	ON CENTER	TDC	TENANT'S DUCT CLEANER
BLDG	BUILDING	GALV	GALVANIZED	OSB	ORIENTED STRAND BOARD	TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
		GC	GENERAL CONTRACTOR				
CMT	CEMENT	GYP	GYPSUM	POS	POINT OF SALE	THS	TENANT'S HARDWARE SUPPLIER
CMU	CONCRETE MASONRY UNIT			PREP	PREPARATION	TLS	TENANT'S LIGHT/LAMP SUPPLIER
CO2	CO2 SUPPLIER	HES	HVAC EQUIPMENT SUPPLIER	PVC	POLYVINYL CHLORIDE	TMB	TENANT'S MENU BOARD SUPPLIER
CO2AS	CO2 ALARM SUPPLIER	HS	HOOD SUPPLIER			TMS	TENANT'S MILLWORK SUPPLIER
CS	CHEMICAL SUPPLIER	HVAC	HEATING AND VENTILATING	QT	QUARRY TILE	TP	TENANT'S PHONE SUPPLIER
DIM.	DIMENSION(S)	INT.	INTERIOR	R	RADIUS	TRS	TENANT'S RAILING SUPPLIER
				RTU	ROOF TOP UNIT	TS	TENANT'S SAFE SUPPLIER
						TSS	TENANT'S SMART SAFE SUPPLIER
						TSV	TENANT'S SIGN VENDOR
						TUV	TENANT'S UV SUPPLIER
						TYP.	TYPICAL
						U.N.O.	UNLESS NOTED OTHERWISE
						UPS	UNINTERRUPTED POWER SUPPLY
						V.I.F.	VERIFY IN FIELD
						VAR	VARIES
						W/	WITH
						WA	WASHROOM ACCESSORIES
						WCS	TENANT'S WALK-IN COOLER SUPPLIER
						WHS	WATER HEATER SUPPLIER
						WS	TENANT'S WINDOW SHADE SUPPLIER

VICINITY MAP



VICINITY MAP
NTS
NORTH

SCOPE OF WORK

TENANT EXTERIOR AND INTERIOR ALTERATIONS TO AN EXISTING BUILDING

GROUP	TENANT	USE
PREVIOUS USE:	OPUS BANK	B
PROPOSED USE:	CHIPOTLE MEXICAN GRILL	A-2

ASSOCIATED PERMITS

LANDLORD REQUIRED SUBCONTRACTORS

NOTE: SUBCONTRACTORS WILL BE REQUIRED BY THE LANDLORD TO BE USED BY THE TENANT G.C. VERIFY ALL REQUIRED LANDLORD SUB-CONTRACTORS WITH LANDLORD PRIOR TO BIDDING PROJECT.

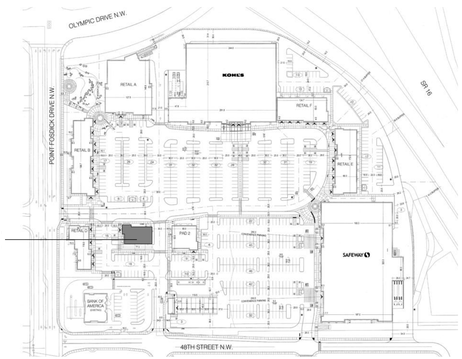
DEFERRED SUBMITTALS

FIRE ALARM
FIRE SPRINKLER
COMMERCIAL COOKING VENTILATION SYTEM AND HOOD FIRE-EXTINGUISHING SYSTEM

SPECIAL INSPECTIONS

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)
REFER TO STRUCTURAL DRAWINGS FOR SUMMARY OF REQUIRED SPECIAL INSPECTIONS

KEY PLAN



KEY PLAN
NTS
NORTH

SHEET INDEX & REVISIONS

X SHEET IS NEW OR HAS BEEN REVISED O SHEET HAS BEEN ISSUED WITH NO REVISION

SHEET NO.	SHEET DESCRIPTION	PERMIT	BID SET	RESUBMITTAL	RESUBMITTAL	RESUBMITTAL
G000	COVER SHEET	X	X	X	X	O
G001	PROJECT DATA & LIFE SAFETY PLAN	X	O	X	O	O
G002	ACCESSIBILITY REQUIREMENTS	X	O	X	O	O
G010	ARCHITECTURAL SPECIFICATIONS	X	O	O	O	O
G011	ARCHITECTURAL SPECIFICATIONS	X	O	O	O	O
G012	ARCHITECTURAL SPECIFICATIONS	X	O	O	O	O
G013	ARCHITECTURAL SPECIFICATIONS	X	O	O	O	O
G014	ARCHITECTURAL SPECIFICATIONS	X	O	O	O	O
G015	ARCHITECTURAL SPECIFICATIONS	X	X	O	O	O
G016	ARCHITECTURAL SPECIFICATIONS	X	O	O	O	O
G017	ARCHITECTURAL SPECIFICATIONS	X	O	O	O	O
SP100	ARCHITECTURAL SITE PLAN	X	X	O	X	O
SP101	ARCHITECTURAL SITE DETAILS	X	O	O	O	O
D101	DEMOLITION PLAN	X	O	O	X	O
A101	SLAB WORK PLAN	X	O	O	O	O
A110	ARCHITECTURAL FLOOR PLAN	X	O	O	O	O
A120	FINISH PLAN	X	O	X	O	O
A130	FF&E PLAN	X	X	O	O	O
A131	FF&E SCHEDULES	X	X	O	X	O
A140	ARCHITECTURAL ROOF PLAN	X	O	O	O	O
A201	REFLECTED CEILING PLAN	X	X	O	O	X
A210	CEILING DETAILS	X	X	O	O	O
A211	LIGHTING DETAILS	X	X	O	O	O
A301	ELEVATIONS - EXTERIOR	X	O	X	X	O
A302	ELEVATIONS - EXTERIOR	X	X	X	X	X
A411	WALL SECTIONS	X	O	O	X	O
A421	SECTION DETAILS	X	O	O	X	O
A422	SECTION DETAILS	X	O	O	O	O
A431	PLAN DETAILS	X	O	O	X	O
A501	ARCHITECTURAL WALL TYPES	X	O	O	O	O
A502	INTERIOR SECTIONS	X	O	X	O	O
A601	DOOR AND HARDWARE SCHEDULES	X	O	O	O	O
A602	STOREFRONT DETAILS	X	O	O	O	O
A701	ELEVATIONS - INTERIOR DINING	X	X	O	O	O
A705	ELEVATIONS - INTERIOR KITCHEN	X	O	O	O	O
A710	RESTROOM DETAILS	X	O	X	O	O
A801	FINISH DETAILS	X	O	X	O	O
A802	TILE DETAILS	X	O	O	O	O
A803	WALL AND CEILING DETAILS	X	O	O	O	O
A900	INTERIOR PERSPECTIVES	X	O	O	O	O
S000	STRUCTURAL GENERAL NOTES, LEGEND, AND ABBREVIATIONS	X	O	O	O	O
S001	STRUCTURAL GENERAL NOTES, SPECIAL INSPECTIONS	X	O	O	O	O
S100	STRUCTURAL FRAMING PLAN	X	O	O	O	O
S101	STRUCTURAL ROOF FRAMING PLAN	X	O	O	O	O
S200	STRUCTURAL DETAILS	X	O	O	O	O
F100	FIRE PROTECTION PLAN	X	X	X	O	O
M010	HVAC SPECIFICATIONS	X	O	O	O	O
M020	MECH ENERGY COMPLIANCE	X	O	X	O	O
M021	MECH ENERGY COMPLIANCE	X	O	X	O	O
M022	MECH ENERGY COMPLIANCE			X	O	O
M100	HVAC PLAN	X	O	X	O	O
M600	HVAC SCHEDULES	X	X	X	O	O
M700	HVAC DETAILS	X	O	X	O	O
P010	PLUMBING SPECIFICATIONS	X	O	O	O	O
P100	PLUMBING PLAN WATER & GAS	X	O	O	O	O
P110	PLUMBING PLAN WASTE & VENT	X	X	X	O	O
P600	PLUMBING SCHEDULES	X	X	O	O	O
P700	PLUMBING DETAILS	X	X	O	O	O
E010	ELECTRICAL SPECIFICATIONS	X	O	O	O	O
E020	ELECTRICALENERGY COMPLIANCE	X	O	X	O	O
E021	ELECTRICALENERGY COMPLIANCE	X	O	X	O	O
E100	ELECTRICAL LIGHTING PLAN	X	X	X	O	O
E110	ELECTRICAL POWER PLAN	X	X	O	O	O
E115	ELECTRICAL SITE POWER PLAN	X	X	O	O	O
E600	ELECTRICAL SCHEDULES	X	X	O	O	O
E700	ELECTRICAL INTERIOR ELEVATIONS	X	X	O	O	O
E705	ELECTRICAL INTERIOR ELEVATIONS	X	O	O	O	O
E710	ELECTRICAL DETAILS	X	O	O	O	O
SHEET 1	CAPTIVEAIRE HOOD DRAWINGS		X	O	O	O
SHEET 2	CAPTIVEAIRE HOOD DRAWINGS		X	O	O	O
SHEET 3	CAPTIVEAIRE HOOD DRAWINGS		X	O	O	O
SHEET 4	CAPTIVEAIRE HOOD DRAWINGS		X	O	O	O
SHEET 5	CAPTIVEAIRE HOOD DRAWINGS		X	O	O	O
SHEET 6	CAPTIVEAIRE HOOD DRAWINGS		X	O	O	O
SHEET 7	CAPTIVEAIRE HOOD DRAWINGS		X	O	O	O

HARLAN R. FAUST, ARCHITECT
14344 Y STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

1	07/07/2021	PLANNING INTAKE
3	09/21/2021	BUILDING COMMENTS
5	10/28/2021	PLANNING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
COVER SHEET

G000

CODE REVIEW

2018 WASHINGTON STATE BUILDING CODE

USE AND OCCUPANCY CLASSIFICATION (CHAPTER 3)

OCCUPANCY CLASSIFICATION (SECTION 302): A-2

TYPES OF CONSTRUCTION (CHAPTER 6)

CONSTRUCTION CLASSIFICATION (TABLE 601): V-B
FIRE SPRINKLERS: YES

GENERAL BUILDING HEIGHTS AND AREAS (CHAPTER 5)

TABULAR BUILDING HEIGHTS AND AREAS (TABLE 504.3, 504.4, & 506.2):
GROUP A-2, TYPE V-B 24,000 SF 2 STORY(IES) 60'-0"

ACTUAL BUILDING HEIGHT 1 STORY(IES) 28'-0" (EXISTING)

ACTUAL BUILDING AREA
CHIPOTLE 3,451 SF

MEANS OF EGRESS (CHAPTER 10)

OCCUPANT LOAD, CHIPOTLE ONLY (TABLE 1004.1.2):

ASSEMBLY W/O FIXED SEATS (UNCONCENTRATED)	980 SF / 15 SF	=	66
KITCHEN, COMMERCIAL AREA	1,805 SF / 200 SF	=	10
RESTROOM / CIRCULATION AREA	287 SF /	=	0
TOTAL INTERIOR	3,071 SF		76
PATIO AREA	378 SF / 15 SF	=	26
TOTAL EXTERIOR	378 SF		26

SEATING
DINING 54 SEATS
PATIO 20 SEATS
TOTAL SEATS 74 SEATS

EXIT WIDTH REQUIRED (SECTION 1005): 6'-0"
EXIT WIDTH PROVIDED: 12'-0"

NUMBER OF EXITS REQUIRED (SECTION 1006.2): 2
NUMBER OF EXITS PROVIDED: 3

DISTANCE BETWEEN EXITS REQUIRED (SECTION 1007): 17'-0"
DISTANCE BETWEEN EXITS PROVIDED: 28'-3"

EXIT ACCESS TRAVEL DISTANCE ALLOWED (SECTION 1017.2): 250'-0"
EXIT ACCESS TRAVEL DISTANCE PROVIDED: VARIES, REFER TO PLAN

DEAD END CORRIDOR DISTANCE ALLOWED (SECTION 1020.4): 20'-0"
DEAD END CORRIDOR DISTANCE PROVIDED: XX'-X"

ACCESSIBILITY TO COMMERCIAL BUILDINGS (ADA STANDARDS)

DINING SURFACE SEATING REQUIRED (SECTION 226): 4 SEATS (3 DINING, 1 PATIO)
DINING SURFACE SEATING PROVIDED: 4 SEATS (3 DINING, 1 PATIO)

MINIMUM PLUMBING FIXTURES

2018 WASHINGTON STATE BUILDING CODE

PLUMBING SYSTEMS (CHAPTER 29)

TYPE OF OCCUPANCY (TABLE 2902.1) A-2

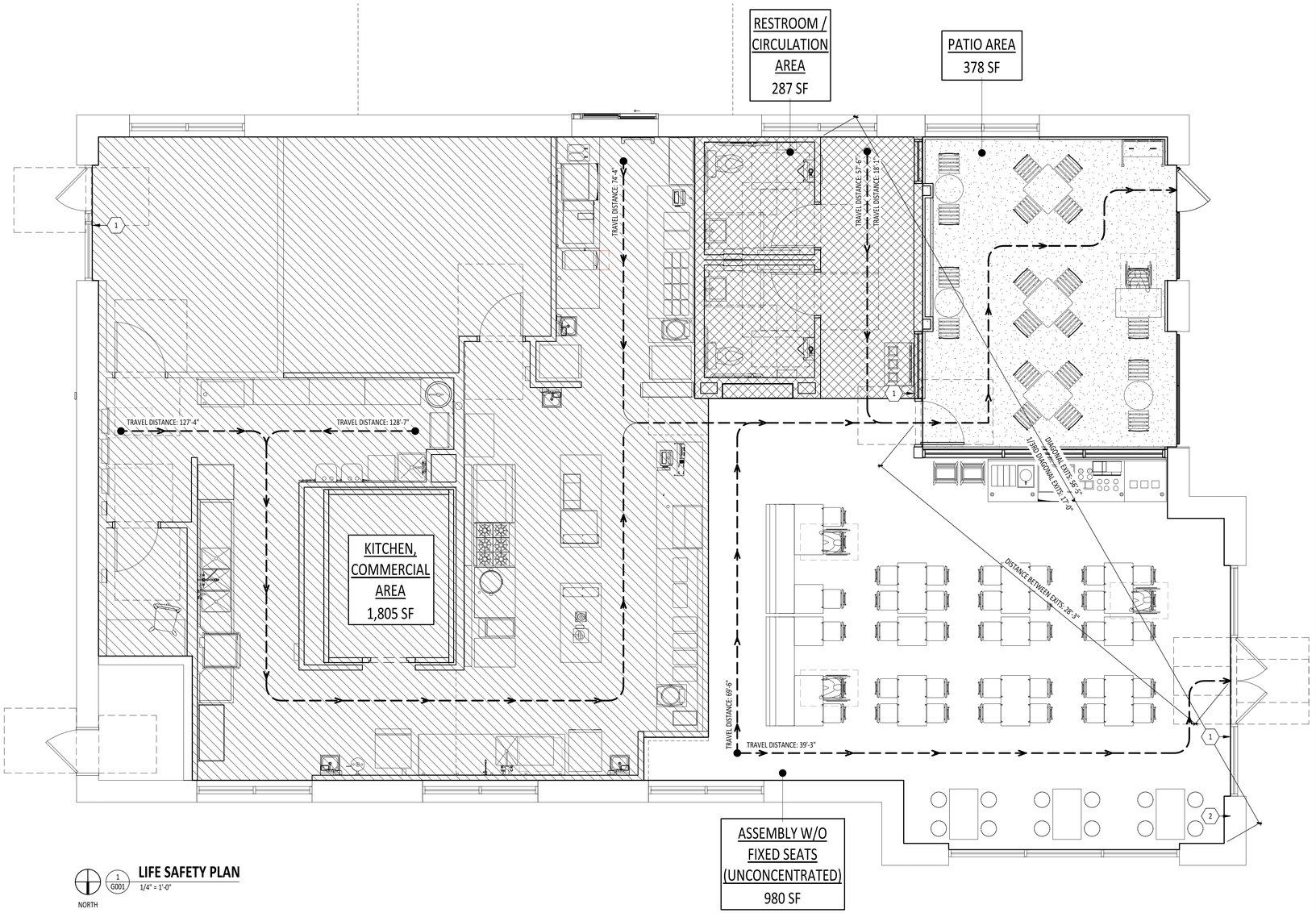
OCCUPANT LOAD, CHIPOTLE ONLY (1004.1.2):

ASSEMBLY W/O FIXED SEATS (UNCONCENTRATED)	980 SF / 15 SF	=	66
KITCHEN, COMMERCIAL AREA	1,805 SF / 200 SF	=	10
PATIO AREA	378 SF / 15 SF	=	26
RESTROOM / CIRCULATION AREA	287 SF /	=	0
TOTAL	3,449 SF		102

MINIMUM PLUMBING FACILITIES (TABLE 2902.1):

	WATER CLOSETS		LAVATORIES		URINALS	
	REQ'D	PROV'D	REQ'D	PROV'D	REQ'D	PROV'D
MEN (51)	1	1	1	1	1	1
WOMEN (51)	1	1	1	1	1	1

PER UPC SECTION 422.2.2 FAMILY OR ASSISTED-USE TOILET FACILITIES, WHERE A SEPARATE TOILET FACILITY IS REQUIRED FOR EACH SEX, AND EACH TOILET FACILITY IS REQUIRED TO HAVE ONLY ONE WATER CLOSET, TWO FAMILY OR ASSISTED-USE TOILET FACILITIES SHALL BE PERMITTED IN PLACE OF THE REQUIRED SEPARATE TOILET FACILITIES.



1 G001 **LIFE SAFETY PLAN**
1/4" = 1'-0"

CODE AUTHORITIES

BUILDING CODE:	2018 WASHINGTON STATE BUILDING CODE
EXISTING BUILDING CODE:	2018 WASHINGTON EXISTING BUILDING CODE
MECHANICAL CODE:	2018 WASHINGTON STATE MECHANICAL CODE
PLUMBING CODE:	2018 WASHINGTON STATE PLUMBING CODE
ENERGY CODE:	2018 WASHINGTON STATE ENERGY CONSERVATION CODE
FUEL GAS CODE:	2018 WASHINGTON STATE FUEL GAS CODE
ELECTRICAL CODE:	2018 WASHINGTON STATE ELECTRIC CODE
FIRE CODE:	2018 WASHINGTON STATE FIRE PREVENTION CODE
ACCESSIBILITY:	CHAPTER 11 OF THE 2018 WASHINGTON STATE BUILDING CODE ANSI117.1-2009
FOOD/RESTAURANT CODE:	WASHINGTON STATE RETAIL FOOD CODE

LEGEND

KITCHEN, COMMERCIAL AREA

ASSEMBLY W/O FIXED SEATS (UNCONCENTRATED)

RESTROOM / CIRCULATION AREA

PATIO AREA

KEY NOTES (X)

1. TACTILE EXIT SIGNAGE, REFER TO ACCESSIBILITY REQUIREMENTS
2. MAXIMUM OCCUPANT LOAD SIGNAGE, VERIFY LOCATION WITH CM PRIOR TO INSTALLATION, REFER TO ACCESSIBILITY REQUIREMENTS

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

3	09/21/2021	BUILDING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

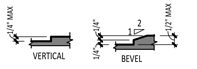
Contents:
PROJECT DATA & LIFE SAFETY PLAN

G001

ANSI 117.1-2009 STANDARDS FOR ACCESSIBLE DESIGN

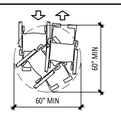
THIS TENANT SPACE IS REQUIRED TO BE ACCESSIBLE AS SET FORTH IN THE ANSI 117.1-2009 STANDARDS FOR ACCESSIBLE DESIGN.
IN ADDITION TO ALL ANSI 117.1-2009, THIS FACILITY SHALL MEET THE REQUIREMENTS OF THE LOCAL JURISDICTION FOR ACCESSIBILITY AS LISTED BELOW.
WHERE INFORMATION LISTED/SHOWN IN THIS SECTION CONFLICTS WITH THE ANSI 117.1-2009 INTERIOR ACCESSIBILITY COMPONENTS, THE MORE RESTRICTIVE OF THE TWO REQUIREMENTS SHALL BE FOLLOWED.

303 CHANGES IN LEVEL
303.2 VERTICAL. CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL.
303.3 BEVELED. CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MINIMUM AND 1/2 INCH HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
303.4 RAMPS. CHANGES IN LEVEL GREATER THAN 1/2 INCH HIGH SHALL BE RAMPED.

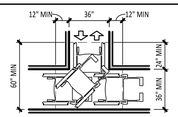


CHANGES IN LEVEL

304 TURNING SPACE
304.2 FLOOR OR GROUND SURFACES. CHANGES IN LEVEL ARE NOT PERMITTED.
304.3.1 CIRCULAR SPACE. THE TURNING SPACE SHALL BE A SPACE OF 60 INCHES DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE.
304.3.2 T-SHAPED SPACE. THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH SQUARE MINIMUM WITH ARMS AND BASE 36 INCHES WIDE MINIMUM. EACH ARM OF THE 'T' SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE ONLY AT THE END OF EITHER THE BASE OR ONE ARM.
304.4 DOOR SWING. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES.



60-IN DIAMETER SPACE

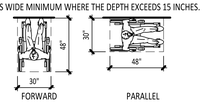


T-SHAPED SPACE FOR 180° TURNS

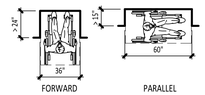
305 CLEAR FLOOR OR GROUND SPACE
305.2 FLOOR OR GROUND SURFACES. CHANGES IN LEVEL ARE NOT PERMITTED.
305.3 SIZE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES MINIMUM BY 48 INCHES MINIMUM.
305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE.
305.5 POSITION. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT.
305.6 APPROACH. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE.
305.7 MANEUVERING CLEARANCE. WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCE SHALL BE PROVIDED.
305.7.1 FORWARD APPROACH. ALCOVES SHALL BE 36 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 24 INCHES.
305.7.2 PARALLEL APPROACH. ALCOVES SHALL BE 60 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES.



CLEAR FLOOR OR GROUND SPACE

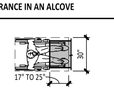


POSITION OF CLEAR FLOOR OR GROUND SPACE



MANEUVERING CLEARANCE IN AN ALCOVE

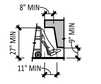
306 KNEE AND TOE CLEARANCE
306.2 TOE CLEARANCE
306.2.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE.
306.2.2 MAXIMUM DEPTH. TOE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM UNDER AN ELEMENT.
306.2.3 MINIMUM REQUIRED DEPTH. THE TOE CLEARANCE SHALL EXTEND 17 INCHES MINIMUM UNDER THE ELEMENT.
306.2.4 ADDITIONAL CLEARANCE. SPACE EXTENDING GREATER THAN 6 INCHES BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.
306.2.5 WIDTH. TOE CLEARANCE SHALL BE 30 INCHES WIDE MINIMUM.
306.3 KNEE CLEARANCE.
306.3.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN 9INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE.
306.3.2 MAXIMUM DEPTH. KNEE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND.
306.3.3 MINIMUM REQUIRED DEPTH. THE KNEE CLEARANCE SHALL BE 11 INCHES DEEP MINIMUM AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND, AND 8 INCHES DEEP MINIMUM AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND.
306.3.4 CLEARANCE REDUCTION. BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1 INCH IN DEPTH FOR EACH 6 INCHES IN HEIGHT.
306.3.5 WIDTH. KNEE CLEARANCE SHALL BE 30 INCHES WIDE MINIMUM.

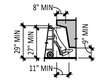




TOE CLEARANCE

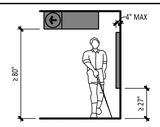






KNEE CLEARANCE

307 PROTRUDING OBJECTS
307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH.
307.3 POST-MOUNTED OBJECTS. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES MAXIMUM WHEN LOCATED 27 INCHES MINIMUM AND 80 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 INCHES, THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 INCHES MAXIMUM OR 80 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

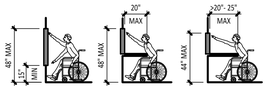


LIMITS OF PROTRUDING OBJECTS

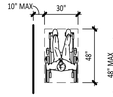
308 REACH RANGES
308.2.1 FORWARD UNOBSTRUCTED REACH. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
308.2.2 FORWARD OBSTRUCTED HIGH REACH. THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES MAXIMUM.
308.3.1 SIDE UNOBSTRUCTED REACH. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
308.3.2 SIDE OBSTRUCTED HIGH REACH. THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR A REACH DEPTH OF 10 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 46 INCHES MAXIMUM FOR A REACH DEPTH OF 24 INCHES MAXIMUM.
309 OPERABLE PARTS
309.2 CLEAR FLOOR SPACE. A CLEAR FLOOR OR GROUND SPACE SHALL BE PROVIDED.
309.3 HEIGHT. OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED.
309.4 OPERATION. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM.

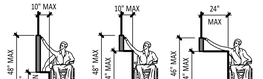


CLEAR FLOOR SPACE FORWARD APPROACH



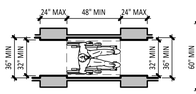
HIGH AND LOW FORWARD REACH LIMIT



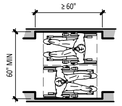


HIGH AND LOW SIDE REACH LIMITS

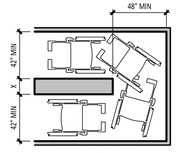
403 WALKING SURFACES
403.3 SLOPE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20.THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
403.5.1 CLEAR WIDTH. EXCEPT AS PROVIDED IN 403.5.2 AND 403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES MINIMUM.
403.5.2 CLEAR WIDTH AT TURN. WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48 INCHES WIDE, CLEAR WIDTH SHALL BE 42 INCHES MINIMUM APPROACHING THE TURN, 48 INCHES MINIMUM AT THE TURN AND 42 INCHES MINIMUM LEAVING THE TURN. EXCEPTION: WHERE THE CLEAR WIDTH AT THE TURN IS 60 INCHES MINIMUM COMPLIANCE WITH 403.5.2 SHALL NOT BE REQUIRED.
403.5.3 PASSING SPACES. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60 INCHES MINIMUM BY 60 INCHES MINIMUM; OR, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48 INCHES MINIMUM BEYOND THE INTERSECTION.



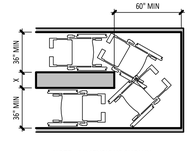
MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR



MINIMUM CLEAR WIDTH FOR TWO WHEELCHAIRS



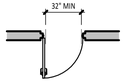
NOTE: DIMENSIONS SHOWN APPLY WHEN X < 48 IN
CLEAR WIDTH AT 180° TURN



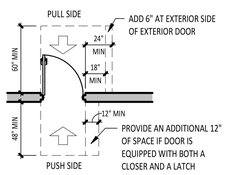
NOTE: DIMENSIONS SHOWN APPLY WHEN X < 48 IN CLEAR WIDTH AT 180° TURN (EXCEPTION)

PATH CLEARANCES

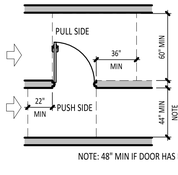
404 DOORS, DOORWAYS, AND GATES
404.2.3 CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES.
404.2.4 MANEUVERING CLEARANCES. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.
404.2.7 DOOR AND GATE HARDWARE. HANDLES, PULL, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
404.2.10 DOOR AND GATE SURFACES. SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.



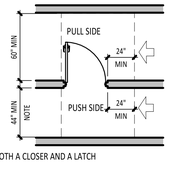
CLEAR DOORWAY WIDTH



FRONT APPROACHES - SWINGING DOORS

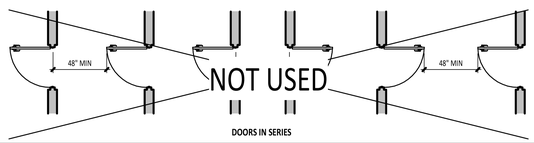


HINGE SIDE APPROACHES - SWINGING DOORS



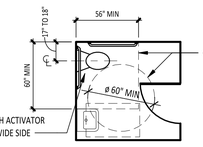
LATCH SIDE APPROACHES - SWINGING DOORS

NOTE: 48" MIN IF DOOR HAS BOTH A CLOSER AND A LATCH

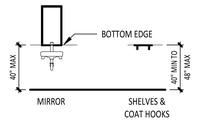


DOORS IN SERIES

603 TOILET AND BATHING ROOMS
603.2.1 TURNING SPACE. TURNING SPACE SHALL BE PROVIDED WITHIN THE ROOM.
603.2.2 OVERLAP. REQUIRED CLEAR FLOOR SPACES, CLEARANCE AT FIXTURES, AND TURNING SPACE SHALL BE PERMITTED TO OVERLAP.
603.2.3 DOOR SWING. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS SHALL BE PERMITTED TO SWING INTO THE REQUIRED TURNING SPACE.
603.3 MIRRORS. MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES MAXIMUM ABOVE THE FINISH FLOOR/GROUND.
603.4 COAT HOOKS AND SHELVES. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES. SHELVES SHALL BE LOCATED 40 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR.



CLEARANCES AT RESTROOM



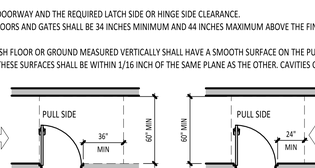
RESTROOM ACCESSORIES MOUNTING HEIGHTS

605 URINALS
605.2 HEIGHT AND DEPTH. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 13 1/2 INCHES DEEP MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE
605.3 CLEAR FLOOR SPACE. A CLEAR FLOOR OR GROUND SPACE POSITIONED FOR FORW APPROACH SHALL BE PROVIDED.
605.4 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309.



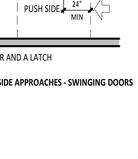
NOT USED
WALL HUNG URINAL

606 LAVATORIES AND SINKS
606.2 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE, POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
606.3 HEIGHT. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
606.4 FAUCETS. HAND-OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM.
606.5 EXPOSED PIPES AND SURFACES. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.



PLAN ELEVATION
LAVATORY CLEARANCES

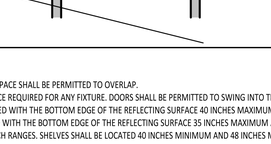
609 GRAB BARS
609.2.1 CIRCULAR CROSS SECTION. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM.
609.3 SPACING. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2 INCHES . THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2 INCHES MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MINIMUM.
EXCEPTIONS: 1. THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE SHALL BE PERMITTED TO BE 1 1/2 INCHES MINIMUM.
609.4 POSITION OF GRAB BARS. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE COMPLYING WITH SECTION 604.9
609.5 SURFACE HAZARDS. GRAB BARS AND ANY WALL OR OTHER SURFACES ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
609.7 INSTALLATION. GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE AT THE SPECIFIED LOCATIONS AND THAT DOES NOT OBSTRUCT THE REQUIRED CLEAR FLOOR SPACE.
609.8 STRUCTURAL STRENGTH. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS (1112 N) IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.



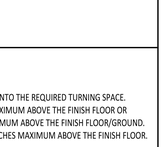
GRAB BAR CLEARANCES

236 DINING SURFACES AND WORK SURFACES
226.1 GENERAL. WHERE DINING SURFACES ARE PROVIDED FOR THE CONSUMPTION OF FOOD OR DRINK, AT LEAST 5 PERCENT OF THE SEATING SPACES AND STANDING SPACES AT THE DINING SURFACES SHALL COMPLY WITH SECTION 902.
226.2 DISPERSION. DINING SURFACES REQUIRED TO COMPLY WITH SECTION 902 SHALL BE DISPERSED THROUGHOUT THE SPACE OR FACILITY CONTAINING DINING SURFACES.

902 DINING SURFACES AND WORK SURFACES
902.2 CLEAR FLOOR OR GROUND SPACE. A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH SHALL BE PROVIDED. KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
902.3 HEIGHT. THE TOPS OF DINING SURFACES AND WORK SURFACES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

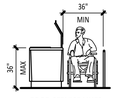


MANEUVERING CLEARANCE AT TABLE IN ALCOVE



TOE & KNEE CLEARANCE AT TABLE

904 CHECK-OUT AISLES AND SALES AND SERVICE COUNTERS.
904.4 SALES AND SERVICE COUNTERS. THE ACCESSIBLE PORTION OF THE COUNTER TOP SHALL EXTEND THE SAME DEPTH AS THE SALES OR SERVICE COUNTER TOP.
904.4.1 PARALLEL APPROACH. A PORTION OF THE COUNTER SURFACE THAT IS 36 INCHES LONG MINIMUM AND 36 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR SHALL BE PROVIDED. A CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR A PARALLEL APPROACH ADJACENT TO THE 36 INCH MINIMUM LENGTH OF COUNTER.
904.4.2 FORWARD APPROACH. A PORTION OF THE COUNTER SURFACE THAT IS 30 INCHES LONG MINIMUM AND 36 INCHES HIGH MAXIMUM SHALL BE PROVIDED. KNEE AND TOE SPACE SHALL BE PROVIDED UNDER THE COUNTER. A CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR A FORWARD APPROACH TO THE COUNTER.
904.5.1 SELF-SERVICE SHELVES AND DISPENSING DEVICES. SELF-SERVICE SHELVES AND DISPENSING DEVICES FOR TABLEWARE, DISHWARE, CONDIMENTS, FOOD AND BEVERAGES SHALL COMPLY WITH 308.



FOOD SERVICE LINES

604 WATER CLOSETS AND TOILET COMPARTMENTS
604.2 LOCATION. THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16 INCHES MINIMUM TO 18 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH.
604.3.1 SIZE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL.
604.3.2 OVERLAP. THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, COAT HOOKS, SHELVES, ACCESSIBLE ROUTES, CLEAR FLOOR SPACE AND CLEARANCES REQUIRED AT OTHER FIXTURES, AND THE TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE.
604.4 SEATS. THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM MEASURED TO THE TOP OF THE SEAT.
604.5 GRAB BARS. GRAB BARS SHALL BE PROVIDED ON THE SIDE WALL CLOSEST TO THE WATER CLOSET AND ON THE REAR WALL.
604.5.1 SIDE WALL. THE SIDE WALL GRAB BAR SHALL BE 42 INCHES LONG MINIMUM, LOCATED 12 INCHES MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES MINIMUM FROM THE REAR WALL.
ANSI A117.1-604.5.1 FIXED SIDE WALL GRAB BARS. IN ADDITION, A VERTICAL GRAB BAR 18 INCHES MINIMUM IN LENGTH SHALL BE MOUNTED WITH THE BOTTOM OF THE BAR LOCATED 39 INCHES MINIMUM AND 41 INCHES MAXIMUM ABOVE THE FLOOR, AND WITH THE CENTER LINE OF THE BAR LOCATED 39 INCHES MINIMUM AND 41 INCHES MAXIMUM FROM THE REAR WALL.
604.5.2 REAR WALL. THE REAR WALL GRAB BAR SHALL BE 36 INCHES LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES MINIMUM ON ONE SIDE AND 24 INCHES MINIMUM ON THE OTHER SIDE.
604.6 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH 604.8.2.
604.7 DISPENSERS. TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4 AND SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 15 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW.
604.8.1.1 SIZE. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60 INCHES WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56 INCHES DEEP MINIMUM FOR WALL HUNG WATER CLOSETS AND 59 INCHES DEEP MINIMUM FOR FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. WHEELCHAIR ACCESSIBLE COMPARTMENTS FOR CHILDREN'S USE SHALL BE 60 INCHES WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 59 INCHES DEEP MINIMUM FOR WALL HUNG AND FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL.
604.8.1.2 DOORS. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42 INCHES MINIMUM. DOORS SHALL BE LOCATED IN THE FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. WHERE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. WHERE LOCATED IN THE SIDE WALL OR PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE FRONT PARTITION. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH 404.2.7 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA.
604.8.1.3 APPROACH. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET.
**604.8.1.

DIVISION 1 - GENERAL REQUIREMENTS

SECTION 01100 - SUMMARY

1.1 Contract Documents:

A. Contractor shall use the following Tenant provided documents in the negotiation and execution of the Work. Contact Tenant's office for copies of these documents:
   1. Chipotle Instructions to Bidders.
   2. Construction Contract for Chipotle Mexican Grill.

A. Definitions:
   1. The term "Owner" used in these documents refers to the building Owner/Landlord.
   2. The term "Tenant" used in these documents refer to the restaurant Tenant, Chipotle Mexican Grill, Inc.
   3. The term "Contractor" used in these documents refers to the entity responsible for performing the Work under Construction Contract for Chipotle Mexican Grill.

1.2 Scope of Work:

A. The Work shall include construction of the site and building facilities as shown and specified in these Specifications and Drawings.

B. When required and necessary, the Tenant will provide a subsurface exploration report as an attachment to the bidding documents.

SECTION 01300 - ADMINISTRATIVE REQUIREMENTS

1.1 Coordination:

A. Immediately inform the Architect of discrepancies between the information indicated in the Contract Documents and existing project conditions, and of discrepancies between information indicated on the architectural, structural, mechanical, plumbing and electrical documents.

B. Prior to fabrication and installation of new components, field verify all existing and new dimensions and installation conditions that may affect the Work. Do not scale the drawings to establish locations of items that are not located using dimensions.
   1. All dimensions are to rough face of stud or centerline of structure, unless otherwise indicated.
   2. Verify that all Subcontractors have reviewed and coordinated locations of their equipment and furnishings exposed to view with the architectural drawings. Review questions with the Architect.

C. Coordinate new work indicated on the Contract Documents with new work that may be provided by the Owner and Tenant under separate contracts.

D. Coordinate the work of Vendors, Contractors and Subcontractors providing fixtures, furniture and equipment identified as "by Tenant" in these drawings and specifications.
   1. Notify the Tenant in timely fashion if any problems develop with the performance of these Vendors, Contractors or Subcontractors.

E. Coordinate the scheduling, sequencing, and the work of all trades and Subcontractors to assure efficient and orderly sequences of installation of interdependent construction elements.

F. Verify that the utility requirement characteristics of operating equipment are compatible with the building utility services. Coordinate work of the various specification sections having interdependent responsibilities for installing, connecting to, and placing in service such equipment.

G. Coordinate the installation and physical space requirements of plumbing, mechanical and electrical work that are indicated diagrammatically on the drawings. Follow routing shown for piping, ducts and conduit as closely as practical. Install runs parallel with and perpendicular to the line of the building. Utilize spaces as efficiently as possible to maximize accessibility for other work installation and for maintenance and for repair.
   1. Conceal piping, ducts and conduit within the construction, except as otherwise indicated.
   2. Coordinate locations of registers, fixtures and outlets with finish elements.

H. Coordinate completion and cleanup work of all trades and Subcontractors in preparation for Substantial Completion.

I. To minimize disruption of Tenant's activities after Tenant occupancy of the property, coordinate access to the property with the Tenant's Construction Manager for correction of defective work and work not in accordance with the Contract Documents.

1.2 Submittals:

A. Only when indicated in the specifications or drawings, submit shop drawings, product data, and/or samples to the Architect, Design Manager, and Development Analyst for review. All submittals shall be made directly to the Architect by the general contractor. Only submittals for specified products will be accepted unless prior approval has been obtained for a substitution (refer to Section 01630).

Shop drawings: Submit electronic copies of each sheet of drawings. Shop drawings are original drawings prepared by the subcontractor or vendor for the purpose of conveying information to the architect and/or engineer on how a building element or product will be constructed in sufficient detail for the architect and/or engineer to determine compliance with the design intent.

In all cases, one copy of the submittal shall be returned to the general contractor. Electronic submittals for shop drawing or product data in either PDF or DWF format are acceptable for review.
All submittals, regardless of format, must bear the General Contractor's stamp indicating the submittal has been reviewed and approved. Any submittal not meeting the requirements set forth will be rejected by the Architect.

Submittals shall be made with respect to the construction schedule to allow for adequate review time: allow (5) business days for review of submittals for any structural steel and trusses and allow (3) business days for review of submittals in all other divisions. Review timeline will commence from the time the submittal with General Contractor's approval stamp is received by the Architect, Design Manager, and Development Analyst.

1.3 Requests For Information

A. In the event that the general contractor, or a subcontractor, at any tier, determines that some portion of the drawings, specifications, or other contract documents requires a clarification or interpretation by the architect, the general contractor shall submit a Request For Information in writing to the architect in an electronic copy.

Requests for Information may only be submitted by the general contractor and may only be submitted to the architect. The general contractor shall clearly and concisely set forth the issue for which clarification or interpretation is sought and why a response is needed from the architect or the architect's consultants. In the Request for Information, the general contractor shall set forth an interpretation or understanding of the requirement along with an explanation of why such an understanding was reached.

B. The architect will review all Requests for Information to determine whether they are Requests for Information within the meaning of this term. If the architect determines that the document is not a request for information, it will be returned to the general contractor, un-reviewed as to content, for re-submittal in the proper form and in the proper manner.

Responses to Requests for Information shall be issued upon receipt, but no later than five (5) working days of receipt of the Request from the general contractor; unless the architect determines that a longer amount of time is necessary to provide an adequate response. If a longer amount of time is determined necessary by the architect, the architect will, within five (5) working days of receipt of the Request, notify the general contractor of the anticipated response time. If the general contractor submits a Request for Information on an activity with five (5) working days or less of float on the current project schedule the general contractor shall not be entitled to any time extension due to the time it takes the architect to respond to the Request provided that the architect responds within the parameters set forth above.

C. Responses to Requests for Information from the architect will not change any requirements of the contract documents. In the event that the general contractor believes that a response to a Request For Information will cause a change to the requirements of the contract documents, the general contractor shall immediately give written notice to the architect and the tenant stating that the general contractor considers the response to be a Change Order. Failure to give such written notice immediately shall waive the general contractor's (or any subcontractor's) right to seek additional time or cost under the Administrative Requirements of these contract documents.

SECTION 01400 - QUALITY REQUIREMENTS

1.1 Regulatory Requirements:

A. Perform all work in accordance with applicable local, state, and federal building codes, plumbing codes, mechanical codes, electrical codes, ordinances and rules and regulations governing food service establishments.

B. Comply with local, state and federal requirements governing accessibility.

C. Obtain all required demolition and erosion control permits required by authorities having jurisdiction.

1.2 Quality Control:

A. Maintain quality control over manufacturers, suppliers, products, services, site conditions and workmanship, to produce work of specified quality.

B. Comply with manufacturer's instructions and applicable trade standards.

C. Handle, install, connect, clean, condition and adjust products in strict accordance with manufacturer's instructions and complying with specified requirements.
   1. Request clarification from the Architect before proceeding, where manufacturer's instructions conflict with the Contract Documents.

D. Comply with specified standards as a minimum quality for the Work, except when more stringent tolerances, codes or specified requirements indicate higher standards or more precise workmanship.

E. Perform work by persons qualified to produce workmanship of the specified quality. Secure products in place with positive anchorage devices designed, sized and installed to withstand stress, vibration, physical distortion or disfigurement.

F. All dimensions shall be considered "hold-to" dimensions unless indicated otherwise (e.g. minimum or maximum dimensions.)

1.3 Testing:

A. Employ and pay for the services of an independent testing laboratory to perform inspections, tests and other services when required.

B. Include inspection and tests as indicated in the specification sections, drawings, and as required by authorities having jurisdiction.
   1. Test concrete in accordance with Section 03300 and drawing requirements.
   2. Test structural steel in accordance with Section 05110 and drawing requirements.

SECTION 01500 - TEMPORARY FACILITIES AND CONTROLS

1.1 Provide temporary facilities and controls as shown and specified:

A. Codes and Standards: Provide temporary construction facilities and controls complying with all applicable local, State and Federal local laws, regulations and codes and utility company requirements.

B. Temporary Heating, Ventilating and Cooling:
   1. Provide, pay for and maintain all temporary heating, ventilating and cooling equipment and facilities required during the progress of the work to protect materials, finished work, and equipment against damage from low and high temperatures and humidity.
   2. Provide temporary heating, ventilating and cooling when the outside temperature and humidity is low/high enough to damage or affect in any way the performance or quality of material and product stored in the building, in any temporary storage area, or any material or product incorporated into the work.
   3. Provide temporary heating, ventilating and cooling when the outside temperature and humidity is low/high enough to significantly slow or hamper effectiveness of workers and to provide suitable working conditions.

C. Temporary Electrical Lighting and Power:
   1. Provide, pay for and maintain all temporary electrical service for lighting and power required during the progress of the work. Include all necessary wiring, fuses, disconnect switches, safety devices, junction boxes, panels, ground fault protections, and transformer if required. Include cost for providing temporary electric generators in the Contract Sum, if temporary electric service is not available for use during progress of the work.
   2. Temporary service and lighting and power items and installations shall conform to the requirements of the NFPA National Electric Code and OSHA Occupational Safety and Health Act of 1970.

D. Water: Provide, pay for and maintain all temporary water required during the progress of the work. Include all necessary storage tanks, piping, valves, fittings, hose and hose connections during construction and testing.

E. Temporary Toilets: Provide, pay for and maintain temporary toilet facilities for use by the Contractor, Contractor's employees and all Subcontractors and Subcontractors' employees. Comply with all local requirements for installation, use and maintenance of temporary toilet facilities.

F. Barriers and Enclosures:
   1. Provide temporary construction barriers in accordance with project requirements. Exercise all necessary precautions to protect adjacent properties, outside project contact limits, during progress of the work. Take special precautions to avoid damage to existing overhead and underground utilities and services owned or operated by the Owner or by public or private utility companies.
   2. Provide temporary weather-tight enclosures at exterior openings to provide acceptable working conditions and protection of materials and to allow for temporary heating, ventilating and cooling.

G. Field Office, Telephone and Email:
   1. Provide and maintain a temporary field office at the project site during progress of the work. A designated area within the existing building will be available for use as a temporary field office. Verify area size and location with the Tenant.
   2. Maintain copies of permits, approved shop drawings, specifications, addenda and record documents at field office.
   3. Provide temporary telephone service and internet service with email and web camera capabilities to field office throughout progress of the work.
   4. Provide weekly photographic documentation of project progression to Tenant.

H. Safety and Security
   1. Provide and maintain all necessary safety provisions for protection and safety of the project work, workers and general public.
   2. Provide and maintain operable fire extinguishing devices in well-marked, accessible locations throughout the project. Provide types, quantities and locations in compliance with governing codes and ordinances.
   3. Provide all necessary security barriers and enclosures to protect the work and Tenant's operations from unauthorized entry of persons, vandalism and theft. Provide doors, when required, with self- closing hardware and locks.

I. Cleaning
   1. During Construction: Provide an approved on-site container for the use of all Contractors and Subcontractors for the collection of waste materials, debris and rubbish. Execute periodic cleaning to keep the work, the site and adjacent properties free from accumulations of waste materials, rubbish and windblown debris, resulting from construction operations. Remove crates and cartons in which materials, equipment, or fixtures are received to on-site containers daily.
      a. Maintain the property in a clean and orderly condition. Remove waste materials, debris and rubbish from the site on a daily basis and dispose of at legal disposal areas away from the site.
   2. Dust Control:
      a. Remove debris and rubbish from pipe chases, plenums and other similar closed or remote spaces prior to covering or enclosing the space.
      b. Sweep and vacuum clean interior surfaces before start of surface finishing and painting. Continue cleaning on an as-needed basis until finishing and painting is completed.
      c. Cleaning operations shall be acceptable to the Tenant's Construction Manager.

SECTION 01630 - SUBSTITUTIONS

1.1 General:

A. Products, including materials, equipment and systems described in the Contract Documents establish the standards of required function, dimension, appearance, quality and performance of the Work. Base all bids on the "Standards" indicated.

B. Requests by the Contractor for changes in products, manufacturers, fabricators, suppliers, installers, and methods of construction required by the Contract Documents are considered requests for "substitutions:" Substitutions will be considered only under the following conditions:
   1. The indicated "Standard" cannot be provided within the Contract Time
   2. The indicated "Standard" cannot receive necessary approval by the governing authority.
   3. A substantial advantage is offered the Tenant, in terms of cost, time, energy conservation or other considerations of merit as determined by the Architect.

C. Submit each request for substitution to the Architect. Identify the product, manufacturer, fabricator, supplier, installer or the fabrication or installation method to be replaced in each request. Identify related Specification Section and Drawing numbers. Provide documentation as directed by the Architect.

D. Substitutions will not be considered when indicated on shop drawings or product data submittals without separate written request, when requested directly by subcontractor, manufacturer, fabricator, or supplier, or when acceptance will require substantial revision of the Contract Documents.

E. Substitute products, manufacturers, fabricators, suppliers, and installers shall not be used for the Project without Tenant and Architect's written acceptance.

SECTION 01700 - EXECUTION REQUIREMENTS

1.1 Preparation:

A. Protection of existing construction: Use all necessary care and appropriate means and methods to protect and prevent damage to existing construction and property not part of the Contract Work. Repair and refinish or replace construction and property damaged during construction work, at Contractor's expense.

1.2 Selective Demolition: Provide selective demolition as shown and specified.

A. Preparation:
   1. Coordinate work of this Section with work of various Contractors and Tenant's staff.
   2. Maintain protected access at all times.
   3. Erect and maintain weatherproof closures at exterior openings.
   4. Erect and maintain dust-proof interior partitions to prevent spread of dust or fumes.
   5. Erect and maintain barricades, enclosures, bracing, shoring, lights, warning signs and guards necessary for worker and public safety and protection of property.
   6. Disconnect, remove and cap designated utility services. Identify and mark locations of disconnected and capped utilities at the project site and on Project Record Documents.
   7. Notify and coordinate with the Tenant's Construction Manager and the building Owner for any demolition occurring outside the lease limit.
   8. Coordinate hours of operation and construction access with the Tenant's Construction Manager and the building Owner.

B. Selective Demolition
   1. Remove existing construction to accommodate new construction as indicated.
   2. Perform selective demolition in an orderly, systematic and careful manner with least possible disturbance to public and adjacent property. Use of explosives is prohibited.
   3. Immediately remove from the site and legally dispose of demolished materials, except as indicated otherwise. Do not burn or bury materials on the project site.

1.3 Cleaning

A. Final Cleaning: Perform final cleaning upon completion of project work.
   1. Remove waste and surplus materials, rubbish, tools, equipment and temporary construction facilities from the site.
   2. Clean exterior grounds; remove stains, spills and foreign materials from paved areas, power wash and sweep clean. Rake clean landscaped surfaces of the grounds.
   3. Remove temporary protection and labels not required to remain.
   4. Clean all finished surfaces. Remove grease, mastic, adhesives, dust, dirt, stains, fingerprints, labels and other foreign materials from exposed interior and exterior surfaces.
      a. Clean all plumbing, fire protection and electrical fixtures and equipment including ceiling area elevated ductwork and lighting fixtures.
      b. Clean permanent equipment filters and replace temporary disposable filters in mechanical units used during construction.
      c. Clean ducts, blowers and coils if mechanical units were operated without filters during construction.
   5. Clean interior and exterior glazing and mirrors, polish transparent and glossy surfaces and clean floors with appropriate materials and equipment.
   6. Remove waste, foreign material and debris from roofs, areaways and drainage systems.
   7. Before Tenant occupancy, conduct an inspection, with the Tenant, of exposed interior and exterior surfaces at all work areas, to verify that the entire work is clean.

1.4 Starting and Adjusting:

A. Prior to Substantial Completion, coordinate the start-up, test and balance, placement in operation and adjustment all systems, controls and equipment to verify proper operation. All systems shall be complete and operating prior to final inspection.

1.5 Contract Closeout:

A. Operation and Maintenance Data: Submit one operation and maintenance manual, bound in 8-1/2" x 11" text pages, three D side ring capacity expansion binders with durable plastic covers.
   1. Subdivide the binder contents internally with permanent dividers logically organized as described below. Provide tab titles clearly printed under reinforced laminated plastic tabs.
   2. Provide a table of contents with each product or system description identified.
   3. Provide a directory listing names, addresses, and telephone numbers of the project Architect/Engineer, Contractor, Subcontractors and major equipment suppliers.
   4. Prepare operations and maintenance instructions arranged by system and subdivided by specification section. Identify names, addresses, and telephone numbers of project Subcontractors and suppliers. For each category, identify the following:
      a. Significant design criteria.
      b. List of equipment.
      c. Parts list for each component.
      d. Operating instructions.
      e. Maintenance instructions for each equipment item and systems.
      f. Maintenance instructions for special finishes, including recommended cleaning methods and materials and special precautions for identifying detrimental agents.
   5. Submit operations and maintenance data to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.

B. Record/As Built Documents:
   1. Prepare and maintain on site one set of the following record/as built documents:
      a. Contract Documents.
      b. Construction Documents.
      c. Change orders and other modifications to the Contract.
      d. Shop drawings, product data, and samples.
      e. Construction schedule.
   2. Store record/as built documents separate from documents used for construction.
   3. Record actual revisions to the Work, concurrently with construction progress.
   4. Legibly mark and record a description of actual products installed at each specification section, including the following:
      a. Manufacturer's name and product model and number.
      b. Approved product substitutions or alternates utilized.
      c. Changes made by addenda, change orders, and other modifications.
   5. Legibly mark each item to record actual construction, including the following:
      a. Measured depths of foundations in relation to finish first main floor datum.
      b. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
      c. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the work.
      d. Field changes of dimension and detail.
      e. Details not on original Contract Document drawings.
   6. Submit record/as built documents to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.

C. Warranties and Bonds:
   1. Compile warranties and bonds required by the Contract Documents.
   2. Submit duplicate copies of warranties and bonds to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.

D. Maintenance Materials and Spare Parts:
   1. Provide extra maintenance materials and spare parts in quantities indicated in the specification sections.
   2. Place in location as directed by the Tenant's Construction Manager.

DIVISION 2 - SITE CONSTRUCTION

1.1 General: Provide site construction work, including services, utilities, earthwork, paving and landscaping in accordance with the site construction work drawings and details.

DIVISION 3 - CONCRETE

SECTION 03300 - CAST-IN-PLACE CONCRETE

1.1 General: Provide cast-in-place concrete work in accordance with the General Structural Notes, structural drawing and details. Follow shell building documents for specifications, joints and geotech.

A. Standards: Materials and construction shall conform to the following:
   1. ACI 117 "Standard Tolerances for Concrete Construction and Materials."
   2. ACI 301 "Structural Concrete for Buildings."
   3. ACI 305R "Recommended Practice for Hot Weather Concreting."
   4. ACI 306R "Recommended Practice for Cold Weather Concreting."
   5. ACI 315 "Details and Detailing of Concrete Reinforcement."
   6. ACI 318 "Building Code Requirements for Reinforced Concrete."

2.1 Materials:

A. Under Slab Vapor Retarder: Stego Industries LLC, 877-464-7834, internet www.stegoindustries.com high density polyethylene Stego Wrap (10 mil) Vapor Retarder meeting or exceeding ASTM E1745 performance criteria for Class C vapor retarders.
   1. Stego Tape: High density polyethylene tape with pressure sensitive adhesive.
   2. Pipe boots: Shop or site fabricated from vapor retarder material and seam tape.
   3. Stego Mastic: Medium-viscosity, water-based, polymer-modified, anionic bituminous/asphalt emulsion.
   4. Stego Crete Claw: High density polyethylene tape and aperture film with pressure sensitive adhesive.
   5. StegoTack Tape (double sided): Blend of synthetic rubber and resins.

B. Concrete:
   1. Portland Cement: ASTM C150, Type I
   2. Aggregate: ASTM C33.
   3. Water: Clean and potable.
   4. Reinforcement: When required, comply with drawings reinforcement requirements.
   5. Compressive Strength: Minimum 3000 psi at 28 days.
   6. Admixtures: All admixtures shall be approved by the Tenant's Construction Manager prior to placement in the concrete mix.

C. Topping Concrete: When required to suit installation conditions, Ardex Diama-Top of Ardex Engineered Cements (888) 512-7339, internet www.ardex.com
   1. ULTRAFLOR ARDEX DIAMA-TOP, self-leveling concrete repair material.
   2. Any pinholes that need to be filled shall be filled with ARDEX DIAMA-FILL filling compound for polished concrete, concrete terrazzo and other cementitious wear surfaces applied at the appropriate time during the polishing process.
   3. The primer for areas to receive ARDEX DIAMA-TOP will be ARDEX EP 2000 Substrate Preparation Epoxy.
   4. Installation shall be performed by factory-trained professional applicators in strict accordance with manufacturer's installation instructions.

D. Lightweight Concrete:
   1. Cement: ASTM C150 or C595. Air-entraining cement will not be permitted.
   2. Fly Ash: Shall meet ASTM C618.
   3. Aggregate: Expanded shale, clay or slate produced by the rotary kiln method and shall conform to ASTM C330. Natural sand shall conform to ASTM C33.
   4. Mixing Water: Clean and free from injurious amounts of oils, acids, alkalis, organic materials or other deleterious substances, in accordance with ACI 318.
   5. Admixtures:
      a. Air-Entraining Agents: ASTM C260.
      b. Water Reducing Admixtures: ASTM C494.
         Admixtures may be used, provided they have a proven satisfactory performance record with structural concrete and are approved by the Architect-Engineer. Admixtures shall be used in accordance with the manufacturer's recommendations.
      c. Accelerating Admixture: ASTM C49[illegible] with the approval of the Architect-Engineer.
   6. Concrete Properties:
      a. Materials shall be proportioned to [illegible]m compressive strength of 3,000 psi at 28 days.
      b. Materials shall be proportioned to [illegible]m equilibrium density of 100 pcf at 28 days age, as determined by ASTM C567.
      c. Concrete shall be delivered at the minimum slump necessary for efficient mixing, placing and finishing. The maximum slump shall be 5 in. with a tolerance of ± 1 in.
      d. The air content shall be 0% percent by volume with a tolerance of ± 2 percent.
      e. The Contractor shall furnish the mix design for the strength and density of concrete specified. The mix design shall be prepared by a qualified testing laboratory and may be based upon the recommendations of the aggregate producer. The mix design shall be subject to the approval of the Architect-Engineer.
      f. The Concrete shall be batched and mixed in accordance with ASTM C94.

NOT USED

E. Structural Foam Infill:
Polystyrene foam in-fill used under topping slabs for overbuild shall be: Insulfoam IX EPS or DOW Styrofoam Highload 40 with a compressive strength of 25 PSI at 10% Deformation for retail applications.

3.1 Installation

A. Vapor Retarder: Place, protect and repair vapor retarder sheets in accordance with ASTM E1643 and manufacturer's installation instructions.
   1. Provide a single layer of vapor retarder material over level compacted slab base.
   2. Lap joints and seams 6 inches and seal with seam tape.
   3. Seal all penetrations & perimeters, and repair damaged areas before concrete placement.

B. Reinforcement: Place and inspect all reinforcing steel before concrete is placed.

C. Concrete Placement:
   1. Place cast-in-place concrete in accordance with ACI 301 and ACI 305R and 306R recommended practices for hot weather and cold weather concreting. Do not place concrete when temperature is below 40 degrees F.
   2. Wet cure concrete in accordance with ACI 301, using moist curing or moisture-retaining covers.

D. Finish: Except where additional floor finish is scheduled, provide a smooth steel trowel finish.
   1. Exposed concrete used as a finish floor surface shall have a smooth finished surface, uniform in texture and appearance and free of trowel marks and other defects affecting ease of maintenance.
   2. Grind smooth surface defects as directed by the Tenant's Construction Manager.

E. Testing: When required, comply with drawings and specification sections testing requirements.

F. Topping Concrete: Prepare concrete floor slab substrate surfaces, prime substrate surfaces, mix, install and finish topping concrete in accordance with manufacturer's application instructions.

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:	
07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:	

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:

ARCHITECTURAL SPECIFICATIONS

G010

SECTION 03360 - RESINOUS FLOORING

1.1 General: Section includes: Decorative resinous flooring systems.

1.2 System Description:

A. Performance Requirements: Provide resinous flooring that has been manufactured and installed to maintain performance criteria stated by manufacturer without defects, damage or failure.

1.3 Quality Assurance:

A. Qualifications:
1. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.
   a. Installer shall be an established company with at least 3 years experience in the installation of polymer floors.
   b. Contractor shall demonstrate the ability to undertake and complete the required work and furnish documentation regarding the successful completion of projects of similar size and complexity.
2. Manufacturer Qualifications: Manufacturer shall be capable of providing technical support, qualified applicators, and approval of application methods.

B. Pre-installation Meetings: Conduct a pre-installation meeting to verify flooring system specifications (color, texture, etc.), substrate analysis, and manufacturer's installation instructions.

C. Pre-installation Testing: Conduct pre-installation testing as follows:
1. Water Vapor Transmission: Calcium Chloride tests should be conducted to determine the amount of water vapor coming through the slab. The results should be compared to limitations set forth by the manufacturer.
2. Core Sample Testing: (optional) Core samples should be taken and analyzed if the installer believes there to be a problem with the integrity of the substrate that may affect flooring system performance.

1.4 Delivery, Storage & Handling:

A. Ordering: Comply with manufacturer's ordering procedures and allow for enough lead-time for custom blends so as not to interfere with construction schedules.

B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

C. Storage and Protection: Store materials where they are protected from direct sunlight and harmful weather conditions. Meet manufacturer's condition for temperature, humidity, etc.

1.5 Project Conditions:

A. Environmental Requirements/Conditions: Substrate and ambient air temperatures shall be in accordance with manufacturer's requirements.

B. Temperature Requirements: Maintain air temperature in spaces where products will be installed for time period before, during and after installation as recommended by manufacturer.

2.1 Materials:

A. Resinous Flooring: Manufacturer: aiflooring
1. Contact: 1218 West 41st Street, Suite B, Tulsa, Oklahoma 74107. Phone: 918-445-0627

2.1 Flooring System:

A. System Description: Clear, thin film system 18-22 mils thick with texture agent added for slip resistance.
1. TerraPrime: A 2 component, 100% solids clear polyamide-cured epoxy coating.
2. TerraThane Satin: A 2 component, 90% solids polyurea clear finish coat.
3. TerraGrip: A graded, plastic aggregate added to finish coat for slip resistance.

2.3 Product Substitutions:

A. Substitutions: No substitutions permitted.

2.4 Source Quality:

A. Source Quality: Obtain resinous materials, including patching and leveling materials from a single manufacturer.

3.1 Manufacturer's Instructions:

A. Compliance: Comply with manufacturer's product data, including product technical data sheets and application instructions.

3.2 Examination:

A. Site Verifications of Conditions: Verify substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.
1. Before applying materials, inspect surfaces to receive new materials and report any unsatisfactory conditions. Absence of any such report shall constitute installer's acceptance of surfaces as satisfactory for installing materials.

3.3. Preparation:

A. Adjacent Surfaces Protection: Protect adjacent work areas and finish surfaces from damage during product installation.

B. Surface Preparation:
1. Mechanical Cleaning: Concrete floor surfaces receiving polymer flooring systems shall be thoroughly cleaned and prepared by shotblasting and/or diamond grinding.
2. Patching Damaged Substrate: Holes, voids, static cracks, and other substrate surface defects should be patched and repaired according to manufacturer's recommendations.
3. Prepare and clean control joints well and fill with an appropriate elastomeric.

3.4 Installation:

A. Resinous Flooring Installation: The following are abbreviated guidelines that should provide for basic application steps for the installation of the systems. Detailed instructions should be obtained from the manufacturer.
1. Patching: After substrate preparation, surface defects shall be patched according to manufacturer's recommendations.
2. Priming: Apply aiflooring TerraPrime, 100% solids epoxy primer, at a rate of 125-150 square feet per gallon. Allow 6-12 hours (depending on temperatures) of cure before applying finish coat. Finish coat must be applied within 24 hours of TerraPrime application.
3. Finish Coat: Apply aiflooring TerraThane Satin, 90% solids polyurea topcoat, at a rate of 200 square feet per gallon. TerraGrip should be added to the TerraThane mix at a rate of 1 pint per 3 gallon kit for slip resistance. Note that TerraThane Satin must be metered out by notched squeegee prior to rolling.

B. Cleaning: Remove temporary coverings and protection of adjacent work areas. Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project site and legally dispose of debris.

3.5 Protection:

A. Protection: Protect installed product and finish surfaces from damage during construction.

SECTION 03395 - CONCRETE SEALING AND POLISHING

1.1 General: Provide a sealed and polished concrete floor finish as shown and specified.

A. Standards
1. American Society for Testing and Materials:
   a. ASTM-C779, Standard Test Method for Abrasion Resistance of Horizontal Concrete Surfaces.
   b. ASTM G23-81, Ultraviolet Light & Water Spray
   c. ASTMC805, Impact Strength
2. American Concrete Institute

B. ACI 302. 1R-89, Guide for Concrete Floor and Slab Construction
Submittals: Provide the following:
1. Manufacturer's product data, specifications and installation instructions. Include Material Safety Data Sheets (MSDS) and identify application requirements, curing time and safety requirements.
2. Certified test reports, prepared by an independent testing laboratory, confirming compliance with performance criteria.
3. Manufacturer's certification that installer is a certified applicator of special concrete floor finishes, and familiar with manufacturer's installation procedures and requirements for the specified sealed and polished concrete floor finish.
   a. Manufacturer's and installer's written acceptance of substrate surface and installation conditions.

C. Quality Assurance:
1. Installer Qualifications:
   a. Use a certified installer and adequate number of skilled workmen who are thoroughly trained and experienced in the necessary craft.
   b. The special concrete finish manufacturer shall certify the applicator.
   c. Applicator shall be familiar with the specified requirements and the methods needed for proper performance of work of this section. Applicator shall have not less than three years successful experience installing sealed and polished floor finishes similar to those required for this project.
   d. Provide a letter of certification from special concrete finish manufacturer stating that installer is a certified applicator and is familiar with proper procedures and installation requirements required by the manufacturer.
2. Protection: Contractor shall provide all necessary materials, means, methods and procedures acceptable to the floor finish manufacturer and required to protect the concrete floor surface and provide a suitable substrate for the installation of the specified sealed and polished concrete floor finish.

D. Project Conditions:
1. Comply with the floor finish manufacturer's environmental limitations for substrate temperature and moisture content, ambient temperature, and humidity, ventilation and other conditions affecting the special floor finish performance.
   a. Concrete must have an average Floor Flatness rating of at least 40.
   b. Concrete must have an average Floor Levelness rating of at least 40.
   c. Concrete must be cured a minimum of 28 days or as directed by the manufacturer before application of RetroPlate can begin. Wet cure of the concrete is preferred. No concrete sealer is necessary.
   d. Application of RetroPlate shall take place prior to installation of equipment, thus providing a complete, uninhibited concrete slab for application.
2. Before general sealer/hardener application, prepare and coat a jobsite test area of size acceptable to the Architect, to verify and approve proper surface preparation, application techniques and coverage rate.
3. Close finished floor areas to traffic during floor finish application and after application for time period directed by the floor finish manufacturer.
4. The completed RetroPlated slab will be covered to prevent damage by the other trades during store completion.

2.1 Materials

A. Hardening/ Sealing Agent
1. RetroPlate 99 manufactured by Advanced Floor Products Inc. (801) 812-3420 www.retroplatesystem.com
2. RetroGuard Stain Inhibitor
3. Joint Filler: CreteFill Pro 75. Two component 100% solids non-staining Polyurea Elastomer.
4. Spall Repair: Multiple minor surface defects and irregularities: Crete Fill Spall Repair: High Strength hybrid urethane, two part 100% solids.
5. Coefficient of friction for Retroguard finish shall not be lower than **0.40**.
6. Manufacturer's Representative: Contact Scott Maxfield at RetroPlate for a list of Certified Applicators at (888) 942-3144 or scott.maxfield@retroplatesystem.com

3.1 Installation

A. Surface Conditions
1. Examine substrate, with installer present, for conditions affecting performance of finish. Correct conditions detrimental to timely and proper work. Do not proceed until unsatisfactory conditions are corrected.
2. Verify that base slab meets finish and surface profile requirements in Division 3 Section "Cast-In-Place Concrete," and Project Conditions above.
3. Prior to application, verify that floor surfaces are free of construction latents.

B. Application
The following RetroPlate process will be followed as listed below:
A concrete grinding machine must be used. Please proceed accordingly. The process is as follows:
1. Floors should be started using a 50, 80 or 100 grit diamond pucks depending on the condition of the slab.
2. Clean the floor using automatic scrubber or comparable.
3. Grind floor using 200 grit resin diamonds.
4. Clean the floor using automatic scrubber or comparable.
5. Apply RetroPlate 99 to floor at 200 sq. ft. per gallon, scrubbing product into the floor and allowing product to soak until turning slick. If it becomes sticky, apply water to the surface as necessary, leaving the product on the floor for at least 60 minutes.
6. Clean and remove any excess RetroPlate. Let the floor dry overnight.
7. Grind floor using 400 grit resin diamonds.
8. Clean the floor using automatic scrubber or comparable.
9. Continue the polishing process using 800 grit resin diamonds.
10. Clean the floor using automatic scrubber or comparable.
11. Alternately, depending on slab condition, grind floor using 1200-1500 grit resin diamonds.
12. Clean the floor using automatic scrubber or comparable.
13. The same process will be used for new floors as well as rehab floors. Floor prep for the rehab floors will be separate.
14. Apply an even coat of RetroGuard Sealer with a brush, roller, or low-pressure sprayer, and when surface is dry, burnish the floor with a black burnishing pad. Apply a second coat of RetroGuard one hour after the initial application, and again burnish the floor with a black burnishing pad.
15. Do not walk on surface for 12 hours, and do not introduce any water or moisture for at least 48 hours, allowing for proper drying and setting of RetroPlate and RetroGuard. Water will minimize the sealing properties of RetroPlate and RetroGuard.

C. Start any of the floor finish applications in presence of manufacturer's technical representative.

D. Sealing, Hardening and Polishing of Concrete Surface
1. Concrete must be in place a minimum of 28 days or as directed by the manufacturer before application can begin.
2. Application is to take place at least 10 days to the prior to racking and other in-store accessory installation, thus providing a complete, uninhibited concrete slab for application.
3. Only a certified applicator shall apply RetroPlate 99. Procedures must be followed as recommended by the product manufacturer and as required to match approved test sample.
4. Achieve waterproofing, hardening, dust-proofing, and abrasion resistance of the surface without changing the natural appearance of the concrete, except for the sheen.
5. Polish to a level 2 shine.

E. Workmanship and Cleaning
1. The premises shall be kept clean and free of debris at all times.
2. Remove spatter from adjoining surfaces, as necessary.
3. Repair damages to surface caused by cleaning operations.
4. Remove debris from jobsite
   a. Dispose of materials in separate, closed containers in accordance with local regulations.

DIVISION 4 - MASONRY

SECTION 04810 - UNIT MASONRY ASSEMBLIES

1.1 General: Provide unit masonry assemblies as shown and specified.

A. Standards: Materials and construction shall conform to the following:
1. ACI 530.1-02/ASCE 6-02/TMS 602-02 "Specifications for Masonry Structures."
2. NCMA "TEK Bulletins."
3. BIA "Technical Notes on Brick Construction."

2.1 Materials:

A. Concrete Masonry Units (CMU): Size and t… …ured at time of delivery, linear shrinkage not to exceed 0.065%.
1. ASTM C 90, load-bearing, normal weig…
2. Provide special shapes where required.
3. Provide exterior wall CMU containing an integral polymeric water-repellent admixture.
   a. Manufacturer: W. R. Grace "Dry-BlockR System Block Admix "

B. Face Brick:
1. Manufacturer:
   a. Endicott, (402) 729-3315, www.endicott.com (Iron Spot Brick), or as approved by architect
   b. Belden Brick Company, (330) 451-2031, www.beldenbrick.com (White Brick), or as approved by architect
2. Type: "Face Brick C216" complying with ASTM C216, Grade SW, Type FBS. No efflorescence when tested in accordance with ASTM C67.
3. Size: Modular size, laying three courses to 8" vertically.
4. Color: "Alaska White Velour" or "Maganese Ironspot, Velour" as noted on Exterior Elevations
   a. Provide special shapes where required.

C. Mortar Materials:
1. Portland cement: ASTM C150, Type I or III, natural color.
2. Masonry cement: ASTM C91, Type indicated, natural color.
3. Aggregate: ASTM C144, clean masonry sand.
4. Water: Clean, fresh and potable.
5. Provide all exterior wall masonry mortar containing an integral polymeric water-repellent admixture.
   a. Manufacturer W. R. Grace, "Dry-Block Integral Water-Repellent Mortar Admixture"

D. Unit Masonry Mortar Mixes: ASTM C270 proportions by volume.
1. Face brick: Type N mortar.
2. Dye:
   a. SGS #60A "White" by Solomon Grind Services (White)
   b. SM #750 "Silverstone" by Spec Mix (Iron Spot)

E. Reinforced Unit Masonry Grout Mixes
1. Concrete fill: ASTM C94 3,000 psi concrete.

F. Joint Reinforcement, Wall Ties And Anchors: Finish, ASTM A-153 hot-dip galvanized
1. Manufacturer: Hohmann & Barnard, Inc.
2. Horizontal joint reinforcement: Welded ladder type with matching corners and Tee units.
   a. Single Wythe masonry: 220 Ladder Mesh, standard, single 9 gauge side and cross rods.
3. Anchoring devices: Provide strap anchors, inserts, bolts and rods of type and size indicated.
   a. CMU to CMU: Strap anchors 1/4" x 1-1/4" x 24" steel with bent ends.
   b. CMU to structural steel: VBT Vee Byna-Tie with plain steel weld-on anchor rods to receive anchors.
4. Masonry veneer to cold-formed metal framing: DW10-HS Anchor Plate, with adjustable 3/16" cold-drawn steel wire tie sections and 14 gauge screw-on attachment plate.
   a. Fasteners: Self-drilling, self-tapping screws, 1-1/4" x #10, corrosion-resistant coated. Provide two screw fasteners for each attachment plate.
5. Seismic masonry veneer to cold-formed metal framing: When required, HB-213 w/HB-2135 (T-Lok Tie) 14 gauge screw-on Seismic Anchor Plates with 12 gauge Seismic Pintels and 9 gauge Pencil Rods.
   a. Fasteners: Self-drilling, self-tapping screws, 1-1/4" x #10, corrosion-resistant coated. Provide two screw fasteners for each attachment plate.

G. Concealed Masonry Through-Wall Flashing: W. R. Grace "Perm-A-Barrier" self-adhering modified bituminous sheet, 40 mils thick.
1. Termination Mastic: W.R. Grace "Bituthene Mastic."
2. Primer: W.R. Grace "Bituthene P-300 Primer."
3. Termination bars: Extruded aluminum or stainless steel, 1" wide and .098" thick pre-punched at 6" on center, secured with stainless steel drive pins.

H. Accessories
1. Reinforcing bars: ASTM A615, Grade 60, deformed billet steel bars of sizes indicated.
2. Wall weeps: QV Quadro-Vent, clear flexible polypropylene co-polymer.
3. Compressible joint material: NS - Closed Cell Neoprene Sponge.
4. Bond breaker strips: ASTM D226 No. 15 asphalt saturated roofing felt.
5. Cleaning agents:
   a. Face Brick and CMU: ProSoCo, Inc., "Sure Klean New Masonry Cleaners."
   b. ACMU: ProSoCo, Inc., "Sure Klean Varnished Custom Masonry Cleaner."
6. Expansion/Control joint sealants: Polyurethane-based, elastomeric joint sealant complying with ASTM C920 and Section 07900 requirements. Color matched to adjacent surfaces.

3.1 Installation

A. Preparation
1. Wet absorbent face brick masonry units requiring wetting, in accordance with BIA recommendations.
2. Lay concrete masonry units dry.
3. Establish, lines, levels and coursing. Ensure ties, anchors and flashing are correctly installed
4. Mix mortar cementitious materials and aggregate in a mechanical mixer. Add water in amount to provide satisfactory workable consistency of mortar. Retemper mortar as required within two hours of mixing to replace water lost be evaporation. Discard mortar after two … ng. Do not use mortar after it has started to set.

B. Installation - General:
1. Build walls and other masonry construction to the full thickness shown. Build single wythe walls to the actual thickness of the masonry units, using units of nominal thickness shown.
2. Cut masonry units using motor-driven masonry saws to provide clean, sharp edges. Cut units to fit adjoining work neatly. Provide 100% solid units where cores would be exposed.
3. Cold weather construction, hot weather construction, and masonry construction tolerances: Comply with unit masonry standard ACI 530.1/ASCE 6/TMS 602 requirements.

C. Laying Masonry
1. Layout walls in advance to ensure accurate spacing of surface bond patterns, with uniform joint widths, and to properly locate openings, movement type joints, returns and offsets. Do not use less than half-size units at corners, jambs and other locations.
2. Lay up walls plumb and true to comply with ACI 530.1 tolerances. Provide square corners and angles, except as otherwise indicated, with courses level, accurately spaced and coordinated with other work.
3. Pattern bond: Running bond. Do not use units with less than 4" of horizontal face dimensions at corners or jambs.
4. Lay hollow CMU/ACMU with full mortar coverage on horizontal and vertical face shells. Bed CMU webs in mortar in starting courses. Maintain uniform 3/8" joint widths.
5. Lay face brick and solid CMU/ACMU with completely filled bed and head joints. Do not slush head joints. Maintain uniform 3/8" joint widths.
6. Compress and cut joints flush for masonry walls below grade or covered by other materials.
7. Tool joints in all exposed masonry work to a concave joint.
8. Provide interlocking masonry bond in each course at corners and intersecting walls.
9. As the work progresses, build in masonry accessories and related items. Fill in solidly with masonry around built-in items.
   a. Bed hollow metal frame anchors in mortar and fill space between hollow metal frames and masonry solid with fine mortar grout.
   b. Provide solid masonry bearing for all lintels, beams, joists, plates and load-bearing members.
   c. Take particular care to embed all conduits and pipes within concrete masonry without fracturing exposed shells and to fit units around switch, receptacle and other boxes set in walls. Where electric conduit, outlets, switch boxes and similar items occur, grind and cut units before building in services.
   d. Install anchors, plates and related work built into masonry work.
   e. Install reinforcing steel and concrete fill where indicated. Comply with drawing details.
10. Horizontal joint reinforcing: Provide continuous joint reinforcing at all concrete masonry walls as follows:
   a. In every second block course, 16" on center vertically, full height of wall and every block course where shown on the drawings.
   b. Lap reinforcement a full width at the corners and at intersections or use special fabricated sections.
   c. Fully embed side rods in mortar.
11. Anchoring masonry work: Provide anchoring devices of the type indicated or required.
12. Provide vertical expansion, control and isolation joints in masonry where indicated.
   a. Where not indicated, at maximum 30'-0" on center.
   b. Locate control joints at points of natural weakness in masonry and acceptable to Architect.
   c. Joint sealant color shall match masonry materials sealed.
13. Lintels: Install loose steel lintels furnished under structural steel work where shown. Set lintels in full bed of mortar.
14. Flashing and weeps:
   a. Install concealed through wall masonry flashing at all wall sills, masonry openings in exterior walls with masonry above head, over all horizontal steel members built into masonry and elsewhere as indicated. Provide "drainage wall system" masonry construction.
   b. Provide end dams and positive slope to drain. Extend flashing vertically at least 8" and built into or anchor to back-up with a termination bar for a complete watertight installation.
   c. Flexible Membrane Flashing:
      1. Install membrane flashing in accordance with manufacturer's installation instructions.
      2. Fully adhere flashing to substrate.
      3. Lap flashing joints a minimum of 6", seal and roll with a hand roller.
      4. Trim bottom edge 1/4" back from exposed face of masonry.
      5. Seal edges, seams, cuts and penetrations with manufacturer's recommended mastic.
15. Install weeps in head joints of final course of exterior masonry wythe above flashing. Space weeps maximum of 24" on center horizontally and located to avoid door openings. Install weeps at head joints with outside face of weep material held 1/8" from the finish face of masonry unit.
16. Install compressible joint material at lintels and horizontal steel members. Build in joint fillers and seal with elastomeric joint sealant.

D. Masonry Veneer Walls:
1. Metal framed walls: Tie exterior masonry veneer wythe to back-up wall with individual metal ties screwed to metal stud framing.
2. Space ties 16" on center vertically and horizontally.
3. Maintain veneer wall cavity free of mortar droppings during masonry installation.

E. Architectural Concrete Masonry Units: Install ACMU in accordance with the manufacturer's installation instructions and the following:
1. Draw ACMU from more than one pallet at a time during installation.

F. Reinforced Concrete Masonry
1. Reinforce and fill CMU/ACMU wall and column masonry where indicated. Fill all cores solid with concrete fill. Comply with NCMA TEK Bulletins 3-2, 3-3A and 14-2 recommendations.
   a. Comply with drawing details for reinforcing steel size and spacing.
2. Install bond beams where indicated. Reinforce and fill units solid with concrete fill. Comply with drawing details for reinforcing steel size and spacing.

G. Repair, Pointing and Cleaning
1. In process cleaning: Wipe off excess m… …y brush with bristle brushes exposed masonry at the end of each day's work. Remove m…
2. Clean all exposed masonry. Cleaning agents subject to Architect's approval. Before applying any cleaning agent to the entire wall, clean a sample wall area of approximately 20 square feet in a location acceptable to the Architect. Do not proceed with final cleaning until the sample area has been allowed to dry a minimum of 3 days and the test area cleaning approved. Protect all windows, doors, louvers, metal lintels and other corrodible parts. Damaged materials and work replaced at Contractor's expense.
3. Dry clean exposed surfaces to remove large particles of mortar using hardwood wood paddles and scrapers. Metal tools not acceptable.
4. Presoak exposed masonry surfaces by saturating with water and flush off loose mortar and dirt.
5. Apply cleaning solutions and clean masonry in accordance with the cleaning material manufacturer's cleaning instructions.
6. Muriatic acid cleaning of masonry not permitted.

H. Architectural Concrete Masonry:
1. Keep ACMU walls clean during installation. Remove excess mortar on daily basis using brushes, rags or burlap squares.
2. Clean completed walls with detergent masonry cleaner recommended by the ACMU manufacturer. Acid cleaning agents, abrasive cleaners, tools or powders and metal cleaning tools and brushes are not permitted.
3. After final clean down and when walls are dry, apply ACMU acrylic finish coating in accordance with ACMU manufacturer's application instructions.

DIVISION 5 - METALS

SECTION 05120 - STRUCTURAL STEEL

1.1 General: Provide structural steel in accordance with the General Structural Notes and structural drawings and details.

A. Standards: Materials and construction shall conform to following:
1. AISC "Specification for the Design, Fabrication, and Erection of Structural Steel for Buildings."
2. AISC "Code of Standard Practice."
3. AWS "Structural Welding Code, D1.1-Steel."

2.1 Materials:

A. Materials compliance: When requested, submit acceptable data documenting materials compliance for each type of material required.

B. Structural Shapes: ASTM A36/A36M, 36 ksi steel.

C. Tubular Steel: ASTM A500, 46 ksi yield strength steel, cold-formed welded and seamless.

D. Structural pipe: ASTM A53, type and grade selected by the fabricator as required for design loading, standard finish, standard weight (Schedule 40) except as otherwise indicated.

E. Grout: ASTM C1107, pre-mixed, shrinkage resistant, non-metallic, non-corrosive, non-staining grout.

F. Shop paint primer: Refer to Section 09900 - Paints and Coatings.

G. Fabrication: Fabricate structural steel in accordance with AISC "Specification - Structural Steel for Buildings" and "Code of Standard Practice." Provide welded or bolted connections in accordance with the Structural Drawings connection requirements.
1. Welding: Conform to AWS welding standards. Provide only continuous welds, spot welding is not acceptable. Grind all exposed welds smooth.
2. Splicing: Material, if spliced, shall have maximum one splice per structural member. Perform splicing by full penetration butt-welding using AWS qualified welders and welding methods.
3. Shop painting: Shop paint structural metal members, except members or portions of members to be embedded in concrete or masonry, surfaces and edges to be field welded and galvanized surfaces. Refer to Section 09900 - Paints and Coatings.

3.1 Installation:

A. Erection: Erect structural steel in accordance with AISC "Specification - Structural Steel for Buildings" and "Code of Standard Practice".
1. Plumb, level and align base plates for structural members with steel shims.
2. Grout structural steel base plates solid that bear on concrete or masonry surfaces.

B. Testing: When required, comply with drawings testing requirements.

SECTION 05400 - COLD-FORMED METAL FRAMING

1.1 General: Provide cold-formed metal framing in accordance with the General Structural Notes and structural drawings and details.

A. Standards: Materials and construction shall conform to following:
1. AISI SG02.2-01 "Design of Cold-Formed Steel Structural Members."
2. AWS "Structural Welding Codes, D1.3-Sheet Steel."

2.1 Materials:

A. Materials compliance: When requested, submit acceptable data documenting materials compliance for each type of material required.

B. Load-Bearing Cold-Formed Metal Framing: ASTM A1003, Gauge, Grade and Type indicated.
1. Components: Provide sizes and shapes indicated.
2. Finish: Galvanized complying with ASTM A653, minimum G60 coating.

C. Fabrication:
1. Cold-formed metal framing may be prefabricated into panels before erection. Fabricate panels plumb, square, true to line and braced against racking with joints welded.
   a. Provide one-piece full-length cold-formed metal framing members. Splicing not permitted.
2. Attach and join other components by welding or screw fasteners, as indicated. Wire tying of framing components is not permitted.
3. Cut framing to fit squarely for attachment to perpendicular members or as required for angular fit against abutting members. Hold members securely in position until properly fastened.
4. Saw cut field cut framing. Torch cutting not acceptable.

3.1. Installation:

A. Erection: Erect cold-formed metal framing members of gauge and at spacing indicated on the Structural Drawings. Align and secure studs to top and bottom runner tracks by welding or screw fasteners at both inside and outside flanges.

B. Tolerance Acceptance: Install cold-formed metal framing member as indicated on the plans. Install to 1/16" tolerance.

NOT USED

NOT USED

NOT USED

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:

ARCHITECTURAL SPECIFICATIONS

G011

SECTION 05500 - METAL FABRICATIONS

1.1 General: Provide metal fabrications as shown and specified.

A. Submit shop drawings for the following:
1. Patio Rail systems.
a. Show thickness, size, construction and manner of assembling various members, joint locations and railing layout.
b. Show true profiles, connections and relationship to adjoining work and methods of anchoring.

2.1 Materials

A. Materials compliance: When requested, submit acceptable data documenting materials compliance for each type of material required.

B. Steel Shapes: ASTM A36/A36M, 36 ksi steel.

C. Stainless Steel:
1. Wall: 18 gauge, ASTM A167, AISI Type 304 stainless steel, No. 4 finish.

D. Aluminum Base, Straight:
1. Wall: 4" x 120", cut and fit in field, 20 gauge, mill finish
2. Wall: 5" x 120", cut and fit in field, 20 gauge, mill finish

E. Diamond Plate: Nominal 1/8" thick ASTM B209, Alloy 6061-T6, Aluminum Diamond Tread Plate.
1. Wall: Bright reflective finish.

F. Patio Railing System
1. Submit shop drawings including the following:
a. Show thickness, size, construction and welding, as well as assembly drawings.
b. Show true profiles, connections of all typical joint configurations
c. Show installation (fastening) and proposed grout (non-gypsum base)
d. Show gate detail and gate hardware manufacturer and model number
e. Patio railing plan, with dimensions and panel assembly locations.
2. Fabrication
a. Patio rails and gate shall be fabricated from steel flat bar, 3/8" x 2 1/2", grade A36.
b. Corner connector angles shall be 2 1/2" x 2 1/2" x 1/4" steel L angle.
c. Gate hinges shall be a self-closing, adjustable tension type. Hinge installation shall be drilled and tapped. Permanently welded are unacceptable.
d. Gate stop shall have a rubber cushion stop and be affixed to the active gate.
e. All corners and joints shall be seal welded and outside joints ground smooth.
f. All welding spatter shall be removed before sand blasting.
3. Finish
a. Patio railing shall be painted PPG Durethane, color 518-6 Knight's Armor. Refer to Section 09900 - Paints and Coatings for preparation.

G. Exposed Fasteners:
1. Patio Railing:
a. All fasteners shall be stainless steel and powder coated to match railing sections.
b. Spacer washers separating railing sections shall be 1 1/2" diameter and 1/2" thick they shall be one piece thick washers and not comprised of stacking washers
c. Spacer washers shall be used on all straight sections and when railing panels join at 90 degree corner angles.

H. Shop paint primer: Refer to Section 09900 - Paints and Coatings

3.1 Installation: Comply with the Architectural Drawing details and the following:

A. Exposed Fasteners:
1. Flat Metal Panels: Provide 18" vertical and horizontal pattern or spaced equally if 18" pattern does not finish evenly. Exposed fasteners shall remain unpainted in natural factory supplied finish.

B. Stainless Steel:
1. Wall:
a. Clean stainless steel panel with mineral spirits.
b. Install stainless steel panels with Henry 117 oil based adhesive applied to wall with 1/8" notch tooth trowel.
c. Trim seams as indicated on the Drawings. No exposed fasteners.

C. Diamond Plate:
1. Mount with no exposed fasteners. Fully adhere to surface and provide continuous bead of silicone sealant to perimeter of plate after installation.

D. Patio Railing System:
1. Railing posts shall be set 6" deep into a core drilled hole, 4"-6" diameter
2. Railing posts shall be grouted in using non gypsum quick set grout.
3. Railing posts shall be set in grout plumb and level, with a tolerance of 1/8" in 4 feet.

E. Hand-inspect all joints and edges of installed metal materials. Unless otherwise indicated, fit exposed connections accurately together to form tight hairline joints. Grind and ease exposed joints, and edges smooth and free of burrs.

DIVISION 6 - WOOD AND PLASTICS

SECTION 06100 - ROUGH CARPENTRY

1.1 General: Provide rough carpentry work as shown and specified.

A. Standards: Materials and construction shall conform to following:
1. NIST PS-1-95 "Construction and Industrial Plywood."
2. NIST PS-2-95 "Performance Standards for Wood-Based Structural-Use Panels."
3. NIST PS-20-99 "American Softwood Lumber Standard."
4. NF&PA NDS-97 "Wood Construction and Supplement."
5. AWPA "Wood Treatment Standards."

2.1 Materials:

A. Lumber: Factory grade-marked, dressed, seasoned dimension lumber, S4S, air-dried, maximum 19% moisture content complying with PS-20, dimensions indicated.
1. Blocking, nailers and similar members: Standard Grade Western Dimension Lumber or Southern Pine species.
a. Provide preservative treated lumber, where indicated.

B. Plywood: Factory grade-marked, complying with PS-1, square edge, 5/8" thick.
1. APA-RATED SHEATHING EXP1
a. Provide Exterior Grade (EXT) plywood, where indicated.
b. Provide fire-retardant treated plywood, where required by Building Code.

2.2 Wood Treatment:

A. Preservative Treatment: Comply with applicable requirements of AWPA Standards C2 (Lumber).
1. Pressure preservative treat lumber with water-borne preservatives, acceptable to authorities having jurisdiction, to a minimum retention of 0.25 pcf.
2. Treat wood blocking, nailers and similar members in connection with roofing and flashing.
3. Treat wood plates, blocking, furring and similar concealed members in contact with masonry or concrete.

B. Fire-Retardant Treatment: Comply with applicable requirements of AWPA Standards C27 (Plywood). Identify "fire-retardant-treated plywood" with appropriate UL classification marking.
1. Treated materials shall meet "Interior Type A" FR-S ratings of not more than 25 for flame spread, smoke developed and fuel contributed when tested in accordance with UL 723 or ASTM E84, with no increase in flame spread and evidence of significant progressive combustion upon continuation of test for additional 30 minutes.

C. Kiln-dry all treated lumber and plywood materials after treatment to maximum 15% moisture content.

3.1 Installation:

A. Lumber: Provide wood blocking, nailers and similar members where shown and where required for attachment of other work and surface applied items. Attach to substrate as required to support applied loading.
1. Use only sound, seasoned materials of longest practical lengths and sizes to minimize joints.
2. Use materials free of warp. Make tight connections between members.

SECTION 06210 - FINISH CARPENTRY AND MILLWORK

1.1 General: Provide finish carpentry and millwork as shown and specified.

A. Standards: Materials and construction shall conform to the following:
1. AWI "Architectural Woodwork Quality Standards - 1999."

B. Doors and door hardware: Install all door hardware furnished under Division 8 specification Sections.

C. Submit shop drawings for designated millwork.
1. Include complete details, materials lists and drawings showing fabrication of typical units, unit assemblies, locations and installation details.
2. List proposed cabinet hardware to suit indicated unit use or function.
3. Identify materials required to complete work ready for installation.
4. Obtain shop drawing approval before starting fabrication.

2.1 Materials:

A. Plywood: AWI Section 200
1. Concealed use substrates: D-3 Paint Grade hardwood plywood, with aspen veneer core, 5/8" thick.
2. Exposed to view finishes: Random plank matched or slip and swing matched spalted maple veneer on 3/4" Baltic birch core, with mill option sound grade hardwood backer. Spalted maple grain to run horizontally .5 sheen matte clear waterborne finish. Panels to be provided at 47" height, with widths varying from 24" to 96".

B. Millwork: Materials and construction as detailed on the Drawings.

C. Fabrication:
1. Millwork design and fabrication details shown on the drawings indicate design intent. Unless otherwise indicated, provide manufacturer's standard fabrication methods. Indicate all proposed variations from the drawing design and fabrication details on shop drawings.
2. Fabricate millwork in accordance with AWI "Custom Grade" requirements. Where details are not shown, comply with applicable Quality Standards or with alternate details acceptable to Architect as fabricator's option.
3. Fabricate finished work properly framed, closely fit and accurately set to required lines and levels and rigidly secured in place.
4. Fabricate work straight, plumb, level and in true alignment; neatly and accurately fit, scribed and thoroughly secured. Plane and sand miters and other joints. Ease all square edges. Provide millwork clean and free from warp, twist, open joints and other defects.
5. Provide finished woodwork dressed and sanded free from machine and tool marks, abrasions, raised grain or other defects on surfaces exposed to view in finished work.

D. Finish: Sayerlack Hydroplus Waterborne Clear, 5 sheen.

3.1 Installation

A. Install finish carpentry and millwork products plumb, level, true and straight with no distortion. Shim as required using concealed shims. Install to a tolerance of 1/8" in 8'-0" for plumb and level (including countertops) and with 1/16" maximum offset in flush adjoining surfaces, 1/8" maximum offsets in revealed adjoining surfaces.
1. Scribe and cut finish carpentry and millwork products to fit adjoining work.
2. Anchor finish carpentry and millwork items to built-in place blocking, furnished under Section 06100, or directly attach to substrate framing. Secure to grounds, blocking and nailers with countersunk, concealed fasteners and blind nailing as required for a complete installation.
3. For installation of prefinished millwork wall panels, use finish nails for exposed nailing, installed with pneumatic nailer as per the following guidelines:
a. Nailer to be set for countersunk head approximately 1/8" on the face.
b. Use 16 ga straight finish nails in 2" length
c. Provide "dab" of construction adhesive on backside of panels at regular intervals.
d. Random placement preferred, do NOT group nails together.
e. No nails closer than 2" from any edge.
f. All nails to be no greater than 16-18" apart in any direction.
4. Touch-up shop finished plywood materials marred or damaged during delivery, storage and installation with custom blended polyurethane to equal Minwax "Wipe on Poly".

B. Install casework without distortion so that doors and drawers will fit openings properly and be accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.

C. Install plastic laminate countertops, shelving and trim. Provide work level, true to alignment, accurately fit to wall conditions and securely fastened to base units and other support systems as indicated.

SECTION 06605 - FIBERGLASS REINFORCED PLASTIC PANELS

1.1 General: Provide fiberglass reinforced plastic panels as shown and specified.

2.1 Materials:

A. Manufacturer: Marlite, (330) 343-6621, internet www.marlite.com.

B. Panel System: 'P6' Per Finish Schedule, Series: Standard FRP - "Marlite" Fiberglass Reinforced Polyester (FRP) Panels 3/32" thick, 48" wide x full height required. Color: P100 White, pebbled matte surface texture.
USDA approved for incidental food contact.
1. Panel trim: Extruded PVC, color matching panel color. Provide 1/2" x 1/2" inside corners, edge trim, and division moldings as required to complete the installation.
a. Inside Corner - M350
b. Division - M365
c. Edge - M370
2. Panel trim: Stainless Steel, color matching panel color. Provide 1-1/2" x 1-1/2" outside corners as required to complete the installation.
3. Sealant: Marlite "Silicone Sealant", white gunnable silicone sealant.
4. Panel adhesive: Marlite "C-551" water-based construction adhesive for panel application over porous surfaces.

C. Panel System: 'P2' Per Finish Schedule, Series: Standard FRP - "Marlite" Fiberglass Reinforced Polyester (FRP) Panels 3/32" thick, 48" wide x full height required. Color: S100G White, smooth matte surface texture.
USDA approved for incidental food contact.
1. Panel trim: Extruded PVC, color matching panel color. Provide division moldings as required to complete the installation.
a. Division - M365
2. Sealant: Marlite "Silicone Sealant", white gunnable silicone sealant.
3. Panel adhesive: Marlite "C-551" water-based construction adhesive for panel application over porous surfaces.

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

SECTION 07210 - BUILDING INSULATION

1.1 General: Provide building insulation as shown and specified.

2.1 Materials:

A. Extruded polystyrene foam rigid board insulation: Dow Chemical Co., 866-583-2583, internet www.dowbuildingmaterials.com
1. Type: Dow "Styrofoam" Type IV, 1.6 pcf minimum density, 25 psi compressive strength complying with ASTM C 578, R-value equal 5 per inch of thickness. Provide lengths and widths as required to coordinate with space insulated.
2. Perimeter foundation walls: Styrofoam SE, R-value indicated.

B. Glass fiber batt/blanket insulation: Owens Corning Corp., (800) 438-7465, internet www.owenscorning.com.
1. Type: Owens Corning " Thermal Batt" Type I unfaced glass fibers and binders formed into flexible blankets or batts complying with ASTM C665. Provide lengths and widths required to coordinate with spaces insulated.
2. Exterior walls: Unfaced, R-21 minimum value

C. Vapor barrier membrane: Polyethylene, minimum 6 mils thick, complying with ASTM D 4397, maximum permeance rating of 0.13 perm.
1. Joint tape: Pressure sensitive tape designed for sealing joints and penetrations of above and below grade vapor barrier sheets.
2. Mounting tape: Double-faced pressure sensitive tape suitable for mounting vapor barriers to steel framing.

3.1 Installation:

A. General:
1. Install insulation in accordance with manufacturer's recommendations for conditions of installation indicated. Install insulation in single layer of required thickness over entire area to be insulated. Cut and fit tightly around obstructions. Fill all voids.
2. Install exterior wall insulation continuous behind electrical boxes, conduit, piping and ductwork.

B. Foundation perimeter walls and slabs:
1. Install rigid foam insulation vertically from top of slab to frost line or horizontally under slabs, extending a minimum 36" in from exterior walls.
2. Protect insulation from displacement and damage during backfilling and slab placement.

C. Exterior Walls:
1. Install batt/blanket insulation full height at exterior wall framing. Use blanket widths and lengths that fill cavities formed by framing members and provide a friction fit between edges of insulation and metal framing members.
2. Provide galvanized wire mesh or metal strapping to provide supplementary support when required to maintain insulation in permanent proper location.

D. Vapor Barriers:
1. Install a single layer of vapor barrier membrane over the interior of exterior metal wall framing after installation of insulation. Secure with double faced tape at wall framing.
2. Provide single unspliced material height. Horizontal joints not acceptable. Minimize vertical joints. Lap vertical joints and secure in place with joints taped. Provide tape sealed contact with door frames, window frames, piping, conduit, ductwork, registers and the vapor barrier.
3. Seal all cuts and penetrations of vapor barrier membrane with tape before installing surface finishes.

SECTION 07240 -EXTERIOR INSULATION AND FINISH SYSTEM (PB)

1.1 General: Provide the exterior insulation and finish system (EIFS) as shown and specified.

A. Standards: Materials and construction shall conform to the following:
1. EIMA (EIFS Industry Members Association) Standards and Publications.
a. 101.01, 101.02, 101.03, 101.86, 105.01, 200.02.
b. EIMA "Guideline Specification for Expanded Polystyrene (EPS) Insulation board."

B. Quality Assurance:
1. System components:
a. Produced by a single manufacturer or by manufacturers approved by the EIFS system manufacturer.
b. Fire performance: Flame spread of 25 or less, smoke developed of 450 or less when tested in accordance with ASTM E84.
2. Installer Qualifications: Performed by the system manufacturer or an applicator trained and approved by the system manufacturer. During application, the work shall be inspected by system manufacturer's representative.

C. Environmental conditions: Comply with manufacturer's requirements. Do not install materials during wet or freezing weather.

2.1 Materials

A. Manufacturer: STO Corp., (800) 221-2397, internet www.stocorp.com

B. Exterior insulation and finish system: Sto Class PB "Essence Next" EIFS.
1. Air/Moisture barrier: Sto Guard system.
a. Sto Gold Fill Joint compound for rough opening protection, sheathing joints and inside and outside corners.
b. Sto Guard Mesh: Coated glass fiber fabric reinforcing mesh.
c. Sto Gold coat: Waterproof coating for wall sheathing.
2. Primer/adhesive and base coat: Sto Primer/Adhesive-B, one-component, polymer modified, cement-based factory blended primer/adhesive used to attach insulation board to prepared sheathing substrates and as a base coat in Essence claddings.
3. Insulation board: ASTM C578 Type 1, nominal 1.0 lb/ft^2 expanded polystyrene meeting EIMA Guideline specifications for EPS insulation board.
4. Finish coating: Sto Essence DPR, ready-mixed 100% acrylic-based, textured wall coating.
a. Medium/Fine Sand Finish.
b. Color as indicated on the Architectural drawings from manufacturer's full color range or match custom color.
5. System warranty: 10 year labor and material.

C. Portland cement: ASTM C150, Type I or II, white or gray in color.

D. Water: Clean, potable and free of foreign matter.

E. Reinforcing mesh: Sto open-weave glass fiber fabric with alkaline resistant coating.
1. Standard mesh: Sto Mesh, nominal 4.5 oz/yd^2 fabric.
2. Ultra-High impact mesh: Sto Armor Mat, nominal 15 oz/yd^2 ultra-high impact fabric.
3. Specialty mesh:
a. Sto Detail Mesh, nominal 4.2 oz/yd^2 flexible, symmetrical, interlaced glass fiber fabric.
b. Sto Corner Mat, nominal 7.8 oz/yd^2 pre-creased, heavy-duty, glass fiber fabric.

F. Joint sealants: Polyurethane base elastomeric joint sealant complying with ASTM C920 and Section 07900 requirements.
1. Adhesion: Evaluated in accordance with ASTM C1382.
2. Color: Matching EIFS finish coating color, and visually acceptable to the Architect.

G. Accessories: Provide plastic stops and trim where indicated. Materials shall be compatible with EIFS materials and acceptable to EIFS manufacturer.
1. Starter Track: Rigid PVC plastic track with weepholes and drip edge.

3.1 Mixing

A. Mix materials in accordance with manufacturer's published instructions.
1. Mix with a clean, rust-free high speed mixer to a uniform consistency.
2. No rapid binder, anti-freeze or accelerator additives permitted.

4.1 Installation

A. Preparation:
1. Coordinate installation of roofing membrane, windows, doors and other wall penetrations to provide a continuous exterior wall air/moisture barrier.
2. Coordinate installation of windows, doors and window and door flashing to provide a continuous exterior wall air/moisture barrier.
3. Install copings and joint sealants immediately after installation of the EIFS, when EIFS coatings are dry.

B. Installation: Install Sto Guard air/moisture barrier system and exterior insulation and finish system (EIFS) in strict accordance with manufacturer's installation instructions, complying with governing regulations and industry standards applicable to the work.
1. Back wrap exposed board edges with mesh.
2. Provide double wrap or corner mat reinforcing at all inside and outside corners.
3. Provide expansion joints in accordance with manufacturer's recommendations for type of substrates and systems required, and visually acceptable to the Architect.
4. Provide drainable starter track horizontal edge trim as base of wall, above windows and doors openings and beneath windows with concealed flashing.

C. Insulation and adhesive application:
1. Install insulation board with long edge horizontal using running bond pattern. Off set insulation joints with substrate joints. Stagger joints and interlock joints at corners.
2. Apply adhesive to insulation board with a stainless steel trowel notched trowel, providing vertical uniform ribbons of adhesive when board is installed. Mount insulation board on substrate. Level, align and tamp insulation in place. Provide uniform contact and bond with joints tightly butted. Rasp edges and high areas as required to produce a level, lane surface.

D. Base coat and reinforcing mesh application:
1. Apply detail mesh at corners of windows, doors, and all penetrations through the EIFS.
2. Standard mesh: Apply base coat over insulation board to a uniform 1/8 inch thickness, including high impact mesh where indicated. Embed standard reinforcing mesh into wet adhesive, lap edges at seams. Smooth surface until mesh is not visible. Allow to base coat to dry.
3. Ultra-High impact mesh: Apply base coat over insulation board to a uniform 1/8 inch thickness. Fully embed ultra-high impact reinforcing mesh into wet adhesive, butt edges at seams. Smooth surface until mesh is not visible. Allow to base coat to dry. Locate at 4'-0" wide perimeter of the rear service door to 6'-0" above grade and as indicated on Architectural drawings.

E. Apply finish coating continuously in one operation to the entire wall surface. Provide a uniform finished appearance. Level and texture to the specified finish texture.

F. Install joint sealants at perimeter joints and joints within the system using elastomeric joint sealants, in accordance with drawing details and sealant manufacturer's recommendations.

SECTION 07250 - WEATHER BARRIERS

1.1 Section Includes

A. Weather barrier membrane
B. Seam Tape
C. Flashing
D. Fasteners

1.2 References

A. ASTM International
1. ASTM C920; Standard Specification for Elastomeric Joint Sealants
2. ASTM C1193; Standard Guide for Use of Joint Sealants
3. ASTM D882; Test Method for Tensile Properties of Thin Plastic Sheeting
4. ASTM D1117; Standard Guide for Evaluating Non-woven Fabrics
5. ASTM E84; Test Method for Surface Burning Characteristics of Building Materials
6. ASTM E96; Test Method for Water Vapor Transmission of Materials
7. ASTM E1677; Specification for Air Retarder Material or System for Framed Building Walls.
8. ASTM E2178; Test Method for Air Permeance of Building Materials

B. AATCC - American Association of Textile Chemists and Colorists
1. Test Method 127 Water Resistance: Hydrostatic Pressure Test

C. TAPPI
1. Test Method T-410; Grams or Paper and Paperboard (Weight per Unit Area)
2. Test Method T-460; Air Resistance (Gurley Hill Method)

1.3 Quality Assurance

A. Qualifications
1. Installer shall have experience with installation of commercial weather barrier assemblies under similar conditions.
2. Installation shall be in accordance with weather barrier manufacturer's installation guidelines and recommendations.
3. Source Limitations: Provide commercial weather barrier and accessory materials produced by single manufacturer.

1.4 Delivery, Storage and Handling

A. Refer to Section 01400 Quality Requirements.
B. Deliver weather barrier materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact.
C. Store weather barrier materials as recommended by weather barrier manufacturer.

1.5 Scheduling

A. Review requirements for sequencing of installation of weather barrier assembly with installation of windows, doors, louvers and flashings to provide a weather-tight barrier assembly.
B. Schedule installation of weather barrier materials and exterior cladding within nine months of weather barrier assembly installation.

2.1 Manufacturer

A. DuPont Building Innovations; 4417 Lancaster Pike, Chestnut Run Plaza 721, Wilmington, D19805; (800) 448-9835; http://constructiontyvek.com

2.2 Materials

A. Basis of Design: Hi-performance, spunbonded polyolefin, non-woven, non perforated, weather barrier is based upon DuPont Tyvek CommercialWrap and related assembly components.

B. Performance Characteristics:
1. Air Penetration: 0.001 CFM/feet squared at 75 Pa, when tested in accordance with ASTM E2178. Type I per ASTM E1677.
2. Water Vapor Transmission: 28 perms, when tested in accordance with ASTM E96 Method B.
3. Water Penetration Resistance: 280 cm when tested in accordance with AATCC Test Method 127.
4. Basis Weight: 2.7 oz/yard squared, when tested in accordance with TAPPI Test Method T-410.
5. Air Resistance: Air infiltration at >1500 seconds, when tested in accordance with TAPPI Test Method T-460.
6. Tensile Strength: 38/35 lbs/inch, when tested in accordance with ASTM D882, Method A.
7. Tear Resistance: 12/10 lbs., when tested in accordance with ASTM D1117.
8. Surface Burning Characteristics: Class A when tested in accordance with ASTM E84, Flame Spread 10, Smoke Developed 10.

2.3 Accessories

A. Seam Tape: 3 inch wide, DuPont Tyvek Tape for commercial applications.

B. Fasteners:
1. For steel frame construction - DuPont Tyvek Wrap Cap Screws, as manufactured by DuPont Building Innovations: 1-5/8" rust resistant screw with 2-inch diameter plastic cap or manufacturer approved 1-1/4" or 2" metal gasketed washer.
2. For wood frame construction - Tyvek Wrap Caps, as manufactured by DuPont Building Innovations: #4 nails with large 1-inch plastic cap fasteners.
3. For masonry construction - masonry tap-con fasteners with Tyvek Wrap Caps as manufactured by DuPont Building Innovations: 2 inch diameter plastic cap fasteners.

C. Adhesives:
1. Provide adhesive recommended by weather barrier manufacturer.
2. Products:
a. Liquid Nails LN-109
b. Polyglaze SM 5700
c. Denso Butyl Liquid
d. 3M High Strength 90
e. SIA 665
f. Adhesives recommended by the weather barrier manufacturer.

D. Primers:
1. Provide flashing manufacturer recommended primer to assist in adhesion between substrate and flashing.
2. Product:
a. 3M High Strength 90
b. Denso Butyl Spray
c. SIA 655
d. Permagrip 105
e. ITW TACC Sta' Put SPH
f. Primers recommended by the flashing manufacturer.

E. Flashing:
1. DuPont FlexWrap, as manufactured by DuPont Building Innovations: flexible membrane flashing materials for window openings and penetrations.
2. DuPont Straightflash, as manufactured by DuPont Building Innovations: straight flashing membrane materials for flashing windows and doors and sealing penetrations such as masonry ties, etc.
DuPont Straightflash VF, as manufactured by DuPont Building Innovations: dual-sided straight flashing membrane materials for brick mold and non-flanged windows and doors.

3.1 Examination

Verify substrate and surface conditions are in accordance with weather barrier manufacturer recommended tolerances prior to installation of weather barrier and accessories.

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 'Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:

ARCHITECTURAL SPECIFICATIONS

G012

3.2 Installation - Weather Barrier

A. Install weather barrier per regional requirements in accordance with manufacturer recommendations.
B. Install weather barrier prior to installation of windows and doors.
C. Start weather barrier installation at a building corner, leaving 6-12" of weather barrier extended beyond corner to overlap.
D. Install weather barrier in a horizontal manner starting at the lower portion of the wall surface with subsequent layers installed in a shingling manner to overlap lower layers. Maintain weather barrier plumb and level.
E. Sill Plate Interface: Extend lower edge of weather barrier over sill plate interface 3-6 inches. Secure to foundation with elastomeric sealant as recommended by weather barrier manufacturer.
F. Window and Door Openings: Extend weather barrier completely over openings.
G. Overlap weather barrier
   1. Exterior corners: minimum 12 inches.
   2. Seams: minimum 6 inches.
H. Weather barrier Attachment:
   1. For steel or wood frame construction - Attach weather barrier to studs through exterior sheathing. Secure using weather barrier manufacturer recommended fasteners, space 12-18 inches vertically on center along stud line, and 24 inch on center, maximum horizontally.
   2. For masonry construction - Attach weather barrier to masonry. Secure using weather barrier manufacturer recommended fasteners, spaced 12-18 inches vertically on center and 24 inches maximum horizontally. Weather barrier may be temporarily attached to masonry using recommended adhesive, placed in vertical strips spaced 24 inches on center, when coordinated on the project site.
I. Apply 4 inch by 7 inch piece of DuPont StraightFlash to weather barrier membrane prior to the installation cladding anchors.

3.3 Seaming

A. Seal seams of weather barrier with seam tape at all vertical and horizontal overlapping seams.
B. Seal any tears or cuts as recommended by weather barrier manufacturer.

3.4 Opening Preparation (for use with non-flanged windows - all cladding types)

A. Flush cut weather barrier at edge of sheathing around full perimeter of opening.
B. Cut a head flap at 45-degree angle in the weather barrier at window head to expose 8 inches of sheathing. Temporarily secure weather barrier flap away from sheathing with tape.

3.5 Flashing (for use with non-flanged windows - all cladding types)

A. Cut 9-inch wide DuPont FlexWrap a minimum of 12 inches longer than width of sill rough opening. Apply primer as required by manufacturer.
B. Cover horizontal sill by aligning DuPont FlexWrap edge within side edge of sill. Adhere to rough opening across sill and up jambs a minimum of 6 inches. Secure flashing tightly into corners by working in along the sill before adhering up the jambs.
C. Fan DuPont FlexWrap at bottom corners onto face of wall. Firmly press into place. Mechanically fasten fanned edges.
D. Apply 9-inch wide strips of DuPont StraightFlash at jambs. Align flashing with interior edge of jamb framing. Start DuPont StraightFlash at head of opening and lap sill flashing down to the sill. Spray-apply primer to top 6 inches of jambs and exposed sheathing.
E. Install DuPont FlexWrap at opening head using same installation procedures used at sill. Overlap jamb flashing a minimum of 2 inches.
F. Coordinate flashing with window installation.
G. On exterior, install backer-rod in joint between window frame and flashed rough framing. Apply sealant at jambs and head. leaving sill unsealed. Apply sealants in accordance with sealant manufacturer's instructions and ASTM C 1193.
H. Position weather barrier head flap across head flashing. Adhere using 4-inch wide DUPont StraightFlash over the 45-degree seams.
I. Tape top of window in accordance with manufacturer recommendations.
J. On interior, install backer rod in joint between frame of window and flashed rough framing. Apply sealant around entire window to create air seal. Apply sealant in accordance with sealant manufacturer's instructions and ASTM C 1193.

3.6 Protection

A. Protect installed weather barrier from damage.

SECTION 07610 - SHEET METAL ROOFING AND WALL PANELS

1.1 General:

A. Standards:
   1. Furnish all labor, material, tools, equipment and services for all preformed fascia and wall panels as indicated, in accord with provisions of Contract Documents.
   2. Completely coordinate with work of all other trades.
   3. Although such work is not specifically indicated, furnish and install all supplementary or miscellaneous items, appurtenances and devices incidental to or necessary for a sound, secure and complete installation.

B. Related work specified elsewhere:
   1. Structural steel: Section 0510
   2. Steel joists: Section 05200 or 05400
   3. Flashing and sheet metal: Section 07600

1.2 Quality Assurance:

A. Applicable standards:
   1. SMACNA: "Architectural Sheet Metal Manual" Sheet Metal and Air Conditioning Contractors National Association, Inc.
   2. AISC:"Steel Construction Manual" American Institute of Steel Construction.
   3. AISI: "Cold Form Steel Design Manual: American Iron and Steel Institute.
   4. ASTM A792-83-AZ50: Specifications for steel sheet, aluminum-zinc alloy coated (galvanized) by the hot dip process, general requirements (Galvalume).

B. Manufacturer's qualifications:
   1. Manufacturer has a minimum of three years experience in manufacturing metal wall systems of this nature. Panels specified in this section shall be produced in a factory environment (not job site roll formed) with fixed base roll forming equipment assuring the highest level of quality control. A letter from the manufacturer certifying compliance will accompany the product material submittals.

1.3 Product Delivery, Storage and Handling

A. Delivery: Deliver metal wall system to job site properly packaged to provide protection against transportation damage.
B. Handling: Exercise extreme care in unloading, storing and erecting metal wall system to prevent bending, warping, twisting and surface damage.
C. Storage: Store all materials and accessories above ground on well skidded platforms. Store under waterproof covering. Provide proper ventilation of metal wall system to prevent condensation build up between each panel or trim/ flashing component.

2.1 Materials

A. Metal wall system profile:
   1. Shadow Rib: 3 inch deep x 16 inch width with 1 1/2 inch deep x 5 1/4 inch wide fluting
B. Metal wall system style:
   1. Fluted face
   2. Concealed fasteners
C. Gauge: 24 gauge
D. Substrate: Per Plans
E. Texture: Smooth
F. Finish: Premium thermoset silicone polyester (20 year warranty)
G. Color: 'Charcoal Gray'
H. Acceptable Manufacturer: MBCI Houston, Texas (281) 445-8555.

3.1 Surface Conditions

A. Examination:
   1. Inspect installed work of other trades and verify that such work is complete to a point where this work may continue.
   2. Verify that installation may be made in accordance with approved shop drawings and manufacturer's instructions.

3.2 Installation

A. Install metal wall system system so that it is weathertight, without waves, warps, buckles, fastening stresses or distortion.
B. Install metal wall system in accordance with manufacturer's instructions and shop drawings.
C. Provide concealed anchors at all panel attachment locations.
D. Install panels plumb, level and straight with seams parallel, conforming to design as indicated.

3.3 Cleaning, Protection

A. Dispose of excess materials and remove debris from site.
B. Clean work in accordance with manufacturer's recommendations.
C. Protect work against damage until final acceptance. Replace or repair to the satisfaction of the architect and work that becomes damaged prior to final acceptance.
D. Touch up minor scratches and abrasions.

SECTION 07512 - ROOFING SYSTEM REPAIR

1.1 General: When penetration of the existing roofing system is required to accommodate new construction, perform necessary roofing system repair.

A. Coordination: Before starting work, verify with the Tenant's Construction Manager and the Owner the following:
   1. Existing roof system materials and installation methods.
   2. Repair work responsibilities and warranty requirements. To maintain original warranty, where provided use original roof contractor.

B. Qualifications: Repair work shall be performed only by an experienced roofing installer approved or licensed by the existing roofing system materials manufacturer; with not less than five years of successful experience installing and repairing roofing systems similar to this projects existing roofing system.

2.1 Materials:

A. Provide and install only materials approved and recommended by the roofing manufacturer for repairing the existing roofing system.

3.1 Installation:

A. Preparation: Inspect roof surface conditions with roof manufacturer's representative to verify extent and location of any other repairs required to ensure a watertight roofing system upon completion of the repair work.
B. Make necessary repairs. Match existing roof slope, insulation materials and roofing membrane materials, except as otherwise approved by the existing roofing system manufacturer to accommodate new construction and repair work.
C. Install curb flashing furnished by mechanical and electrical trades for new roof top equipment.

SECTION 07540 - THERMOPLASTIC MEMBRANE (PVC) ROOFING

1.1 General: Provide the thermoplastic membrane (PVC) roofing system as shown and specified.

A. Standards: Materials and construction shall conform to following:
   1. ASTM D5036 "Application of Adhered Poly(Vinyl Chloride) Sheet Roofing."
   2. FM 1-29 Loss Prevention Data Adhered or Mechanically Attached Single Ply Membrane Roof Systems."
   3. NRCA "Single-Ply Roofing Membrane."
   4. UL "790 - Tests for Fire Resistance of Roof Covering Materials."

B. Installer Qualifications: An experienced roofing installer approved by roofing system manufacturer and with not less than five years of successful experience installing membrane roofing systems similar to those required for this project.

C. Deliver, store and handle roof system materials in accordance with manufacturer's recommendations to avoid damage and deterioration.
   1. Comply with manufacturer's recommendations for handling and protection during installation.

D. Install roofing work only when weather conditions are in compliance with manufacturer's specific environmental requirements and conditions will permit work to be performed in accordance with manufacturer's recommendations and warranty requirements.
   1. Protect adjacent materials and surfaces from damage and soiling during roofing system installation.
   2. Provide special protection on completed roofing work.
   3. Protect paving and structure walls adjacent to hoists before starting work.
   4. Do not overload the building structure with storage of materials or installation equipment on the substrate decking.

E. Warranty
   1. Contractor and roof system installer shall jointly warrant roofing materials and installation for a period of two years from the date of Substantial Completion. Warranty shall include roofing membrane, flashing, roof insulation, roofing accessories and sheet metal work provided under Section 07600.
   2. Manufacturer's warranty: Submit executed copy of roofing system manufacturer's 15 year total system warranty, including labor and materials for the entire roof system. Including perimeter edge metal, Section 07600 Flashing & Sheet Metal

2.1 Materials

A. Manufacturer: Duro-Last Roofing, Inc, (614) 370-5569, Mike Suman, www.duro-last.com
B. Thermoplastic single ply membrane roofing system: DL Membrane (PVC) fully adhered, smooth surface, UL Class A fire-rated single ply membrane roofing system.
   1. Thermoplastic membrane: DL Membrane, thermoplastic fiber reinforced PVC membrane, not less than 40 mils (.040), complying with ASTM D4434 and membrane manufacturer's published physical properties.
C. The roof covering design must resist a wind load of 100 mph, Exposure C and shall resist impact damage based on results of tests based on the results of tests conducted in accordance with ASTM D 3746, ASTM D 4272, CGSB 37-GP-52M or FM 4470
   1. Insulation cover board: Georgia-Pacific Corp, (800) 284-5347, internet www.gp.com, "Dens-Deck" nonstructural fiberglass-faced, silicone-treated gypsum core panels, 1/2" thickness.
   2. Roof insulation: Rigid closed cell polyisocyanurate boards approved by the membrane manufacturer; complying with ASTM C1289, Type II, minimum 20 psi compressive strength, aged R-value equal 5.6 per inch of thickness.
      a. Provide a double layer installation. Minimum total R-value as indicated on plans.
      b. Specified perimeter edge metal shall be compliant with International Building Code ANSI / SPRI ES-1, ER2 testing requirements.
   3. Flashing: Roof system manufacturer's [illegible] material, type, and color as sheet membrane. Specified perimeter edge metal will be [illegible]ding Code ANSI / SPRI ES-1, RE2 testing requirements.
   4. Membrane Bonding Adhesive: Roof system manufacturer's standard membrane bonding adhesive.
   5. Insulation and Cover Board Adhesive: Dow Chemical Company, (888) 868-1183, internet www.flexibeproducts.com, "INSTA-STIK Professional Roof Insulation Adhesive", a single component, moisture cured polyurethane adhesive.
   6. Fasteners: Roof system manufacturer's standard fasteners for project conditions indicated.
   7. Accessories: Roof system manufacturer's recommended pourable sealers, preformed penetration flashing, preformed corner flashing, seam caulk, termination bars and other accessories required for substrate surfaces and installation conditions indicated.
   8. Traffic walkways: Duro-Last Roof Track II walkway pads.

3.1 Installation

A. Preparation
   1. Clean substrate surfaces of debris and other substances detrimental to roofing installation.
   2. Correct unsatisfactory conditions before starting roofing. Roof deck surface conditions shall comply with manufacturer's requirements and be acceptable to the roofing system installer.

B. Installation:
   1. General: Provide roofing system materials and installation complying with roofing system manufacturer's instructions and governing codes and regulations.
      a. Mix and apply roof insulation and cover board adhesive in strict accordance with the adhesive manufacturer's installation instructions. Dispense adhesive at manufacturer's recommended application rate using approved dispensing equipment.
   2. Roof Insulation:
      a. Extend insulation full thickness over entire surface to be insulated. Cut and fit around obstructions; fill all voids with insulation. Provide saddles and tapered edges as required to provide positive proper drainage.
      b. Install and secure in place with insulation adhesive, a double layer of insulation units of the required thickness. Run long joints of insulation in continuous straight lines, perpendicular to roof slope, with end joints staggered between rows. Stagger joints of each layer of insulation. Butt edges to moderate contact. Limit joints between adjacent units to maximum 1/4".
   3. Insulation cover board: Install and secure in place with insulation adhesive a single layer of insulation cover board on installed roof insulation. Secure cover board in accordance with membrane manufacturer's recommendations. Stagger joints with joints of roof insulation.
   4. Thermoplastic membrane: Comply with membrane manufacturer's instructions and recommendations for handling and installing single ply membrane roofing.
      a. Unroll and position roofing sheet membrane without stretching. Align top sheet with pr-marked lines on bottom sheet. Allow membrane to "relax" for at least 30 minutes before adhering, splicing and flashing.
      b. Adhere membrane to insulation cover board with bonding adhesive. Broom bonded membrane to achieve maximum contact.
      c. Join membrane seams using approved heat welding equipment. Check all splices for voids and repair voids with heat gun and roller.
      d. When required, mechanically fasten membrane at roof perimeter, curb flashing and similar penetrations in accordance with manufacturer's installation instructions.
      e. Flash and make weathertight all equipment curbs, pipes, conduits, drains and other penetrations or projections through sheet roofing using roofing system manufacturer's recommended flashing materials, accessories and procedures.
   5. Install roof accessories and traffic walkways in accordance with manufacturer's instructions.
   6. Install sheet metal work furnished under section 07600.

SECTION 07600 - FLASHING AND SHEET METAL

1.1 General

A. Standards: Materials and construction shall conform to following: SMACNA "Architectural sheet Metal Manual- 1993."
B. Installation: Performed under Section 07540 work.

1.2 Manufacturer

A. Manufacturer: Duro-Last Roofing, Inc, / Exceptional Metals, Inc. (800) 248-0280, Jason Dark, www.duro-last.com

2.1 Materials:

A. Coping made of 24-gauge galvalume, cover provided with Kynar architectural finish providing a 35 year finish warranty. Meets ANSI/SPRI ES-1 2003 method RE-2 testing requirements. Color to match adjacent wall finish.
B. Vinyl backed scupper. Scupper profile & size indicated Fig 1-20.
C. Galvanized steel: ASTM A653 commercial quality sheet steel with 0.2% copper, G90 hot-dip galvanized. Gage indicated.
   1. Scuppers: Minimum 16 gage.
   2. Coping/Wall caps: Minimum 18 gage.
D. Aluminum sheet: ASTM B209 alloy 3003, temper as required for forming and performance. Thickness indicated.
   1. Conductor Boxes: Minimum 0.040"thickness.
   2. Downspouts: Minimum 0.025"thickness
E. Joint sealers: One-component silicone elastomeric joint sealant complying with ASTM C920. Color matched to sheet metal finish.
F. Metal accessories: Provide sheet metal fasteners, clips, straps, anchoring devices and similar accessory units as required for installation of work, matching or compatible with material installed, non-corrosive, size and gage as required for performance and acceptable to the Architect.
G. Fabrication: Shop fabricate sheet metal work[illegible]s indicated and to comply with standard industry standards as shown by SMACNA in the "Arc[illegible]
   1. Conductor boxes: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated Fig 1-25.
   2. Scuppers: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated Fig 1-20.
   3. Downspouts: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated. Installation Fig. 1-31 with strap hanger Fig. 1-35.
   4. Formed coping/wall caps: SMACNA Chapter 3 - Copings. Design Fig 3-1. Profile and size indicated with Fig. 3-3 butt joints and concealed back-up plates. Install formed copings with continuous cleat fasteners similar to Fig 3-1 at exposed face and screw fasteners with washers space maximum 24" on center at roof side.

3.1 Installation:

A. Preparation: Coordinate sheet metal work with other work for the correct sequencing of items which make up the entire roof system of weatherproofing and rain drainage:
B. Installation: Comply with SMACNA "Architectural Sheet Metal Manual" recommendations, drawing details and approved shop drawings for installation of the work.
   1. Anchor sheet metal items securely in place by methods indicated, providing for thermal expansion. Conceal fasteners and expansion provisions whenever possible. Install joint sealants where required.
   2. Set units true to lines and levels indicated. Install work with sealed laps, joints and seams that will be permanently watertight and weatherproof. Bed flanges of sheet metal work in thick coat of roofing cement or sealant compatible with roofing membrane.
   3. Separate sheet metal work from dissimilar metals and treated wood materials. Provide rosin-sized paper slipsheet over treated wood.
   4. Fabricate, support and anchor conductor boxes and downspouts to withstand thermal expansion, stresses and full loading by ice or water without damage, deterioration or leakage.

SECTION 07720 - ROOF SCUTTLE & LADDER SAFETY POST

1.1 General: Provide roof scuttle and safety post as shown & specified.

A. Coordination: Before starting work, verify with the Tenant's Construction Manager and the Owner the following:
   1. Verify that other trades with related work are complete before installing roof scuttle(s).
   2. Mounting surfaces shall be straight and secure; substrates shall be of proper width.
   3. Refer to the construction documents, shop drawings, and manufacturer's installation instructions.
   4. Coordinate installation with roof membrane and roof insulation manufacturer's instructions before starting.

2.1 Materials:

A. Manufacturer: The Bilco Company, (203) 9[illegible] or approved equal.
   1. Roof Scuttle: Type S-50 metal roof scuttle, size 3'-0" width x 2'-6" length (length denotes hinge side). The roof scuttle shall be single leaf and come pre-assembled from the manufacturer. Factory finish shall be mill finish aluminum.
   2. Safety Post: Model 4 ladder safety post. The ladder safety post shall come pre-assembled from the manufacturer. Factory finish shall be mill finish aluminum.

3.1 Installation:

A. Verify that roof scuttle & ladder safety post installation will not disrupt other trades. Verify that the substrate is dry, clean, and free of foreign matter. Report and correct defects prior to any installation.

SECTION 07900 – JOINT SEALERS

1.1 General: Provide joint sealers as shown and specified.

A. Standards:Comply with ASTM C 920 requirements.
B. Application: Performed by skilled, experienced joint sealer applicators.

2.1 Materials:

A. Polyurethane sealants:
   1. Tremco Commercial Sealants (800) 321-7906, internet www.tremcosealants.com,
      a. "Dymonic FC" One component, fast skinning, Low Modulus Polyurethane.
      b. "Dymeric 240 FC" Multi Component, gun grade, chemically curing, tintable fast setting polyurethane sealant.
   2. Sonneborn, (724) 756-9582, internet www.sonneborn.com
      a. Color pack for polyurethane multi component, gun grade chemically curing sealant.

B. Silicone Sealants:
   1. General Electric Silicones, (800) 295-2392, internet www.gesilicones.com
      a. "SCS1700 Sanitary – Mold/Mildew Resistant Silicone", one component 100% silicone, fungicidal based sealant.
      b. "SCS2700 Silpruf Silicone" one component medium modulus, natural cure silicone all purpose sealant.
      c. "Silglaze II SCS2800- Glazing Sealant" one component, 100% silicone based sealer.
      d. "GE Paintable Silicone" one component paintable silicone.
      e. "SCS1000 Silicone Sealant" one-component acetoxy silicone for general purpose sealing and bonding
   2. Dow Corning Silicones, (989) 496-4000, www.dowcorning.com
      a. "Dow 795" – one component, medium modulus, natural cure silicone.

C. Firestopping Sealants: 3M Fire Protection Products, (800) 328-1687, internet www.3M.com/firestop
   1. "3M Fire Barrier CP 25WB+ Caulk" or approved equal

D. Joint backing: Non-absorptive, non-staining, compressible, non-gassing, polyethylene foam backer rod compatible w/ sealants.

3.1 Installation:

A. Preparation: Clean and prepare joints prior to installing sealers:
   1. Wipe shipping oils from surfaces to be sealed. Remove protective films and/or install joint backer rod if joint is larger than 1/4" in width.

B. Installation: Install joint sealant materials in strict accordance with manufacturer's installation instructions.
   1. Apply sealants in a uniform, continuous bead without gaps or air pockets. Hand tool and finish all joints so that a smooth, small, lip free uniform line is created along the substrate being shot. Remove any excess materials from tooled edges and ends of joint.
   2. Install joint sealants to a depth no more than ½ the width of the joint.
   3. Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths which allow optimum sealant movement capability.
   4. Immediately, after sealant application, and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents which discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.
   5. Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.

4.1 Sealant Schedule:

A. Kitchen Area:
- Provide a continuous bead of white GE SCS1702 silicone at the following locations:
   1. Ceiling grid to FRP wall panels
   2. Base of FRP wall panels to T.O. specified base material.
   3. Walk in cooler walls to FRP wall panels.
   4. Stainless closure pieces at cooler walls to FRP wall panels.
   5. FRP/stainless corner guards to FRP wall panels.
   6. Ceiling tile pipe penetrations.
   7. Wall pipe penetrations and/or escutcheons perimeters. (water & gas lines).
   8. Mop sink stainless surround perimeter to walls.
   9. FRP closure panel, at top of cooler, to cooler walls.
   10. FRP wall panels to hollow metal door frames.
   11. Coke line bundle to PVC cap.
   12. FRP inside corner pieces to FRP wall panels. Both sides of corner piece.
   13. Battery backup cover panel to FRP.
   14. Faucet's to FRP wall panels.
   15. FRP wall panels to quarry tile cove base.
   16. FRP to aluminum plate at walk thru.
   17. Menu board light bracket to ceiling.
   18. Mop sink base at quarry tile.
   19. All sinks (multi-compartment, hand, mop and prep) to FRP/tile walls.
   20. Paper towel dispensers & soap dispensers to FRP/tile walls.
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
   1. Stainless closer pieces, at sides of cooler walls - to cooler walls.
   2. Stainless or aluminum plate closure pieces to diamond plate at cooler walls.
   3. Diamond plate panel seam joints.
   4. Diamond plate perimeter to cooler walls.
   5. Base of diamond plate to quarry tile cove base.
   6. Stainless closure panel, at top of cooler walls, to cooler walls.
   7. Top of quarry tile cove base to cooler walls at inside of cooler.
   8. Cooler wall/diamond plate penetrations.
   9. Cooler door hinges and handles to diamond plate. DO NOT caulk door locking unit.
   10. Stainless wrap at hollow metal door frame.
   11. Stainless mop surround to stainless corners on mop sink.
   12. Base of stainless corner pieces to schlutter strip at base.
   13. Exit door threshold perimeters. To frame and floor, interior and exterior.
- Provide a continuous bead of dark gray GE SCS2010 silicone at the following locations:
   1. Base of hollow metal door jambs to quarry tile floor.

B. Managers Office:
- Provide a continuous bead of white GE SCS1702 silicone at the following locations:
   1. Ceiling grid to FRP wall panels.
   2. Perimeter of manager's desk to FRP wall panels.
   3. Hollow metal door frame to FRP wall panels.
   4. Top and ends of coat hanger bracket to FRP walls.
   5. Base of FRP wall panels to quarry tile base.
   6. Ceiling tile wire/pipe penetrations.
   7. FRP inside corners to FRP wall panels. Both sides of corner piece.
   8. Base of FRP wall panels to quarry tile.
- Provide a continuous bead of black GE SCS2003 or light bronze GE SCS2096 (match safe) silicone at the following locations:
   1. Base of safe to floor.

C. Cooking Area:
- Provide a continuous bead of white GE SCS1702 silicone at the following locations:
   1. Top of wall tile to sheetrock ceiling.
   2. Ceiling diffusers perimeters to sheetrock ceiling.
   3. Ceiling pipe penetrations.
   4. Wall tile to aluminum walk thru surround.
   5. Tile wall penetrations/escutcheons perimeters.
   6. FRP wall panels to sheetrock ceilings.
   7. FRP wall panels to aluminum end wall plates.
   8. FRP inside corners to FRP wall panels. Both sides of corner piece.
   9. Sink to white tile.
   10. Paper towel dispenser/soap dispenser to white tile.
   11. POS/Serving counter to wall tile.
   12. Stainless shelf behind grill to wall tile.
   13. Faucets to ceramic wall tile.
   14. Second make line counter to walls.
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
   1. Joint between hood and closure skirt.
   2. Joint between hood support and hood. Both sides.
   3. Connection joint between stainless shelf behind grill.
   4. Hood to tile walls & sheetrock ceiling.
   5. Hood gusset to wall tile on both sides.
   6. Sink to bronze wall tile.
   7. Paper towel dispenser/soap dispenser to bronze tile.
   8. Fax line counter to bronze tile.
- Provide a continuous bead of dark gray GE SCS2010 at the following locations:
   1. Base of equipment to concrete curbs/quarry tile.
- Provide a continuous bead of light bronze GE SCS2096 at the following locations:
   1. Ceramic tile inside corners.
   2. Ceramic tile to aluminum end wall plates.

D. Bathrooms:
- Provide a continuous bead of white GE SCS1702 silicone at the following locations:
   1. Top of FRP to sheetrock ceiling or top of FRP trim to sheetrock wall.
   2. Perimeter of toilets/urinals to floor or FRP.
   3. Perimeter of mirror to FRP.
   4. Sink to wall.
   5. Perimeter of paper towel/garbage unit to wall.
   6. Toilet paper/napkin disposals units to walls.
   7. Stainless shelf to wall.
   8. Wall penetrations under sink and or escutcheons to perimeters.
   9. Hollow metal door frames to FRP.
   10. Base of FRP wall panels to top of wall base.
   11. FRP inside corners to FRP wall panels.
- Provide a continuous bead of black GE SCS2003 silicone at the following locations:
   1. Base of black rubber wall base to floor.
- Provide a continuous bead of dark gray GE SCS2010 silicone at the following locations:
   1. Base of hollow metal door frames to floor.

E. Dining area:
- Provide a continuous bead of white GE SCS1702 silicone at the following locations:
   1. Wall tile to sheetrock walls.
   2. Perimeter of aluminum storefront/windows/entrances to sheetrock walls.
   3. Wainscot wall panels (Stonewood or other) to painted walls.
   4. Diffuser/louvers perimeters to sheetrock walls.
   5. Hollow metal door frames to painted walls - if needed.
   6. Frame of service line counter to tile (joint to be caulked behind front face panels of counter).
   7. Wall tile at serving line wall to POS counter.
- Provide a continuous bead of black GE SCS2003 silicone at the following locations:
   1. Base of black rubber to floor (concrete or quarry tile) and gyp. bd. wall.
   2. Wainscot (Stonewood or other) wall panels to sill of aluminum storefront/ windows.
   3. Vertical joints of wainscot (Stonewood or other) wall panels to frames/painted walls/tile (ONLY if joint is uneven or plywood is showing).
   4. Stonewood panels at serve line.
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
   1. Base of garbage surround to floor.
- Provide a continuous bead of Dow 795 silicone at the following locations:
   1. Sill of aluminum storefronts to concrete or tile floor. Color to be determined per store to match storefront (Charcoal/Anodized Aluminum/Dark Bronze).

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:

ARCHITECTURAL SPECIFICATIONS

G013

F. Utensil Counter:
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
  1. Stainless countertop to backsplash. Horizontal & vertical joints.
  2. Base of Coke machine to countertop
  3. Perimeter of tea drain tray to countertop.
  4. Stainless backsplash to white tile walls/painted walls.
- Provide a continuous bead of white GE SCS1702 silicone at the following locations:
  1. Coke line bundle to PVC cap.

G. Fire Rated Walls:
- Provide a continuous bead of 3M 25WB+ at wall/ceiling penetrations in rated walls.

H. Exterior Joints:
- Provide a continuous bead of Tremco Dymeric limestone urethane sealant at the following locations:
  1. Sidewalk/concrete expansion joints.
- Provide a continuous bead of Dow 795 silicone or Tremco Dymeric 240 FC at the following locations:
  1. Hollow metal door frames.
  2. EIFS to abutting services.
  3. Penetrations in EIFS.
  4. Face brick or block control joints.
  5. Perimeter of Aluminum Storefronts.
     Colors to be determined per store to match adjacent material colors. Verify with Chipotle CM and Architect.
     a. For "Fog" EIFS use Tremco - "Natural White"
     b. For "Knight's Armor" EIFS use Sonneborn - "Charcoal Gray" #276-U
     c. For white brick use Tremco - "China White"
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following location:
  1. CO2 fill port stainless box.
  2. Faucet for hose. (Please note: color to be determined per store. Verify with Chipotle CM and Architect)

DIVISION 8 - DOORS AND WINDOWS

SECTION 08110 - STEEL DOORS AND FRAMES

1.1 General: Provide steel doors and frames as shown and specified.

A. Standards: Materials and construction shall conform to the following:
   1. ANSI A250.8-1998 "Specifications for Standard Steel Doors and Frames."
   2. ANSI A250.11-01 "Erection Instructions for Steel Frames."
   3. SDI 122-99 " Installation for Standard Steel doors and Frames.
B. Manufacturer: A member of the Steel Door Institute (SDI).

2.1 Materials:

A. Steel Doors:
   1. Interior: Heavy-duty Level 2, physical performance B, Model 2 seamless construction, ASTM A1008, 18 gauge cold-rolled steel face sheets, manufacturer's standard core.
   2. Exterior: Extra heavy-duty Level 3, physical performance A, Model 2 seamless construction, ASTM A1008, 16 gauge cold-rolled steel face sheets; tops and bottoms closed with flush galvanized steel caps, manufacturer's standard plastic foam insulating core.

B. Steel Frames: ASTM A1008, 16 gauge cold-rolled steel.
   1. Provide combination buck, jamb and trim type frames for 1-3/4" thick doors, unless otherwise indicated.
   2. Interior and exterior frames: Set-up welded type with mitered corners, reinforced, fully seam welded with exposed welds ground smooth.

C. Door and frame fabrication:
   1. Provide cutouts for mortised hardware, accurately located and made to fit hardware. Provide closer reinforcement for all doors with surface mounted door closers.
   2. Punch frames and factory install rubber door silencers.
   3. Provide minimum three anchors of suitable design for each jamb.
   4. Provide floor clip on bottom of each jamb. Provide angle spreaders at bottom of each set-up frame.

D. Shop painting: Clean and paint exposed surfaces of steel door and frame units. Apply one baked-on shop coat of rust-inhibitive prime paint in accordance with ANSI A250.10, unless doors and frames are used at the restrooms or as indicated on door hardware and finish schedule. Provide a uniformly finished surface ready to receive finish paint.

3.1 Installation:

A. Install frames plumb, level, rigid, and in true alignment as recommended in ANSI A250.11.
B. Install doors plumb and in true alignment and fastened to achieve the maximum operational effectiveness and appearance as recommended in SDI 122.

SECTION 08413 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

1.1 General: Provide aluminum entrances and storefronts as shown and specified.

1.2 Related Documents:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this section.
B. Standards: Materials and construction shall conform to the following:
   1. AAMA SFM-1-87 "Aluminum Storefront and Entrance Manual."

1.3 Summary:

A. Section Includes:
   1. Kawneer Architectural Aluminum Storefront Systems, including perimeter trims, stools, accessories, shims and anchors, and perimeter sealing of storefront units.
      a. Types of Kawneer Aluminum Storefront include: Trifab VG 451T Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Center-Set
   2. Kawneer Aluminum Entrances, glass and glazing, and components
      a. Types of Kawneer Aluminum Entrances include: 500 Swing Door; Wide stile, 5" vertical face dimension, 1-3/4" depth, high traffic applications or as indicated on Drawings.

1.4 Performance Requirements:
A. General Performance: Aluminum-framed storefront system shall withstand the effects of the following performance requirements without exceeding performance criteria or failure due to defective manufacture, fabrication, installation, or other defects in construction;
   1. Design Wind Loads: Determine design wind loads applicable to the Project from basic wind speed indicated in miles per hour, according to ASCE 7, Section 6.5, "Method 2-Analytical Procedure," based on mean roof heights above grade indicated on Drawings.
      a. Basic Wind Speed (MPH): Determine to meet local codes listed on G001
      b. Importance Factor: (1.00)
      c. Exposure Category (A, B, C, D): Determine to meet local codes listed on G001

B. Storefront System Performance Requirements:
   1. Wind loads: Provide storefront system; include anchorage, capable of withstanding inward and outward wind load design pressures meeting local codes listed on sheet G001.
   2. Air Infiltration:
      a. Air Infiltration for storefront frame system: The test specimen shall be tested in accordance with ASTM E 283. Air infiltration rate shall not exceed 0.06 cfm/ft. sq. at a static air pressure differential of 6.24 psf.
      b. Air Infiltration for storefront entrances: For single acting offset pivot or butt hung entrances in the closed and locked position, the test specimen shall be tested in accordance with ASTM E 283 at a pressure differential of 6.24 psf (300 Pa) for single doors and 1.567 psf (75 PA) for pairs of doors. A single 3'-0" x 7'-0" entrance door and frame shall not exceed 0.50 cfm per square foot. A pair of 6'-0" x 7'-0" entrance doors and frame shall not exceed 1.0 cfm per square foot.
   3. Water Resistance: The test specimen shall be tested in accordance with ASTM E 331. There shall be no leakage at a minimum static air pressure differential of 8 psf as defined in AAMA 501.
   4. Uniform Load: A static air design load of 20 psf shall be applied in the positive and negative direction in accordance with ASTM E 330. There shall be no defection in excess of L/175 of the span of any framing member. At a structural test load equal to 1.5 times the specified design load, no glass breakage or permanent set in the framing members in excess of 0.2% of their clear spans shall occur.
   5. Thermal Transmittance (U-factor): When tested to AAMA Specification 1503, the thermal transmittance (U-factor) shall be not more than: Glass to Exterior - 0.47 (low-e)
   6. Condensation Resistance (CRF): When tested to AAMA Specification 1503, the condensation resistance factor shall not be less than: Glass to Exterior - 70 frame and 69 glass (low-e)
   7. Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class (OITC): When tested to AAMA Specification 1801 and in accordance with ASTM E1425 and ASTM E90, the STC and OITC Rating shall not be less than:
      a. Glass to Exterior - 38 (STC) and 31 (OITC)

1.5 Submittals:

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, hardware, finishes, and installation instructions for each aluminum frame storefront system and storefront entrance doors indicated.

B. Shop Drawings: Include plans, elevations, sections, details, hardware, and attachments to work, operational clearances and installation details.

C. Samples for Initial Selection: For units with factory-applied color finishes including samples of hardware and accessories involving color section.

1.6 Quality Assurance

A. Installer Qualifications: An installer which has had successful experience with installation of the same or similar units required for the project and other projects of similar size and scope

B. Manufacturer Qualifications: A manufacturer capable of providing aluminum framed storefront system that meet or exceed performance requirements indicated and of documenting this performance by inclusion of rest reports, and calculations.

C. Source Limitations: Obtain aluminum framed storefront system and storefront entrance doors through one source from a single manufacturer.

D. Product Options: Drawings indicate size, profiles, and dimensional requirements of aluminum framed storefront system and are based on the specific system indicated. Do not modify size and dimensional requirements.
   1. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.

1.7 Project Conditions:

A. Field Measurements: Verify actual dimensions of a aluminum framed storefront openings by field measurements before fabrication and indicate field measurements on Shop Drawings.

1.8 Warranty

A. Manufactures Warranty: Submit, for Tenant's acceptance, manufacturer's standard warranty.
   1. Warranty Period: Two (2) years from Date of Substantial Completion of the project provided however that the Limited Warranty shall begin in no event later than six months from date of shipment by manufacturer.

2.1 Manufacturers:

A. Manufacturer: Kawneer Company Inc., Contact: Cheryl Wilkerson, Phone: 317-771-9263; email: cheryl.wilkerson@arconic.com

B. Basis-of-Design Product Storefront Framing:
   1. Trifab 451T (thermal) Storefront System
   2. 2" x 4-1/2" System Dimensions
   3. Glass: Exterior (Center-Set)

C. Basis-of-Design Product Storefront Entrances:
   1. The door stile and rail face dimensions of the 500-Wide Stile entrance door will be as follows or as indicated on Drawings: Door: 500; Vertical Stile: 5"; Top Rail: 5"; Bottom Rail: 10"
   2. Major portions of the door members to be 0.125" nominal in thickness and glazing molding to be 0.05" thick.
   3. Glazing gaskets shall be either EPDM elastometric extrusions or a thermoplastic elastomer.
   4. Provide adjustable glass jacks to help center the glass in the door opening.

2.2 Materials:

A. Provide aluminum entrances and storefront matching the existing building aluminum entrances and storefronts, unless otherwise indicated.

B. Aluminum Frame Extrusions: Alloy and temper recommended by aluminum storefront manufacturer for strength, corrosion resistance, and application of required finish and not less than 0.070" wall thickness at any location for the main frame and complying with ASTM B 221: 6063-T6 alloy and temper.

C. Aluminum Storefront Entrance Extrusions:Alloy and temper recommended by aluminum-framed glass door manufacturer for strength, corrosion resistance, and application of required finish and not less than 0.090" wall thickness at any location for the main frame and sash members.

D. Fasteners: Aluminum, nonmagnetic stainless steel or other materials to be non-corrosive and compatible with aluminum window and door members, trim hardware, anchors, and other components.

E. Anchors, Clips, and Accessories: Aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron complying with ASTM B633 for SC 3 severe service conditions, or suitable zinc coating; provide sufficient strength to withstand design pressure indicated.

F. Reinforcing Members: Aluminum, nonmagnetic stainless steel, or nickel/chrome-plated steel complying with ASTM B 456 fro Type SC 3 severe service conditions, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions or other suitable zinc coating; provide sufficient strength to withstand design pressure indicated.

G. Sealant: For sealants required within fabricated storefront system, provide permanently elastic, non-shrinking, and non-migrating type recommended by sealant manufacturer for joint size and movement.

H. Tolerances: Reference to tolerances for wall thickness and other cross-section dimensions of storefront members are nominal and in compliance with AA Aluminum Standard Data.

2.3 Storefront Framing System:

A. Thermal Barrier (Trifab VG-451T):
   1. Kawneer IsoLock Thermal Break with a 1/4" separation consisting of a two-part chemically curing, high-density polyurethane, which is mechanically and adhesively joined to aluminum storefront sections.
      a. Thermal Break shall be designed in accordance with AAMA TIR-A8 and tested in accordance with AAMA 505.

B. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with nonstaining, nonferrous shims for aligning system components.

C. Fasteners and Accessories: Manufacturer's standard corrosion-resistant, nonstaining, nonbleeding fasteners and accessories compatible with adjacent materials. Where exposed shall be stainless steel.

D. Perimeter Anchors: When steel anchors are used, provide insulation between steel material and aluminum material to prevent galvanic action.

E. Packing, Shipping, Handling and Unloading: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

F. Storage and Protection: Store materials protected from exposure to harmful weather conditions. Handle storefront material and components to avoid damage. Protect storefront material against damage from elements, construction activities, and other hazards before, during and after storefront installation.

2.4 Glazing Systems:

A. Glazing: As specified in Section 08800 - Glazing.

B. Glazing Gaskets: Manufacturer's standard compression types; replaceable, extruded EPDM rubber.

C. Spacers and Setting Blocks: Manufacturer's standard elastomeric type.

D. Bond-Breaker Tape: Manufacturer's standard TFE-fluorocarbon or polyethylene material to which sealants will not develop adhesion.

E. Glazing Sealants: For structural-sealant-glazed systems, as recommended by manufacturer for joint type, and as follows:
   1. Structural Sealant: ASTM C 1184, single-component neutral-curing silicone formulation that is compatible with system components with which it comes in contact, specifically formulated and tested for use as structural sealant and approved by a structural-sealant manufacturer for use in aluminum-framed systems indicated.
      a. Color: Black
   2. Weatherseal Sealant: ASTM C 920 for Type S, Grade NS, Class 25, Uses NT, G, A, and O; single-component neutral-curing formulation that is compatible with structural sealant and other system components with which it comes in contact; recommended by structural-sealant, weatherseal-sealant, and aluminum-framed-system manufacturers for this use.
      a. Color: Matching structural sealant.

2.5 Entrance Door Systems:

A. Entrance Door Hardware: As specified in Section 08710 Door Hardware.

2.6 Accessory Materials:

A. Joint Sealants: For installation at perimeter of aluminum-framed systems, as specified in section 07900 - Joint Sealers

2.7 Storefront Framing Fabrication:

A. Framing Members, General: Fabricate components that, when assembled, have the following characteristics:
   1. Profiles that are sharp, straight, and free of defects or deformations.
   2. Accurately fit joints; make joints flush, hairline and weatherproof.
   3. Means to drain water passing joints, condensation within framing members, and moisture migrating within the system to exterior.
   4. Physical and thermal isolation of glazing from framing members.
   5. Accommodations for thermal and mechanical movements of glazing and framing to maintain required glazing edge clearances.
   6. Provisions for field replacement of glazing.
   7. Fasteners, anchors, and connection devices that are concealed from view to greatest extent possible.

B. Mechanically Glazed Framing Members: Fabricate for flush glazing without projecting stops.

C. Structural-Sealant-Glazed Framing Members: Include accommodations for using temporary support device to retain glazing in place while structural sealant cures.

D. Storefront Framing: Fabricate components for assembly using manufacturers standard installation instructions.

E. After fabrication, clearly mark components to identify their locations in Project according to Shop Drawings.

2.8 Storefront Entrance Door Fabrication:

A. Fabricate aluminum-framed glass entrance doors in sizes indicated. Include a complete system for assembling components and anchoring doors.

B. Fabricate aluminum-framed glass doors that are reglazable without dismantling perimeter framing.
   1. Door corner construction shall consist of mechanical clip fastening, SIGMA deep penetration plug welds and 1-1/8" long fillet welds inside and outside of all four corners. Glazing stops shall be hook-in type with EPDM glazing gaskets reinforced with non-stretchable cord.
   2. Accurately fit and secure joints and corners. Make joints hairline in appearance.
   3. Prepare components with internal reinforcement for door hardware.
   4. Arrange fasteners and attachments to conceal from view.

C. Weather Stripping: Provide weather stripping locked into extruded grooves in door panels or frames as indicated on manufacturers drawings and details.

2.9 Aluminum Finishes:

A. Finish designations prefixed by AA comply with the system established by the Aluminum Association for aluminum finishes.

B. Factory Finishing:
Kawneer Permafluor (70% PVDF), AAMA 2605, Fluoropolymer Coating (Color: Charcoal or as noted on Drawings)

3.1 Examination:

A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work. Verify rough opening dimensions, levelness of sill plate and operational clearances. Examine wall flashings, vapor retarders, water and weather barriers, and other built-in components to ensure a coordinated, weather tight framed aluminum storefront system installation.
   1. Masonry Surfaces: Visibly dry and free of excess mortar, sand, and other construction debris.
   2. Wood Frame Walls: Dry, clean, sound, well nailed, free of voids, and without offsets at joints. Ensure that nail heads are driven flush with surfaces in opening and within 3 inches of opening.
   3. Metal Surfaces: Dry; clean; free of grease, oil, dirt, rust, corrosion, and welding slag; without sharp edges or offsets at joints.
   4. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 Installation:

A. Comply with Drawings, Shop Drawings, and manufacturer's written instructions for installing aluminum framed storefront system, aluminum swing storefront entrance doors, accessories, and other components.

B. Install aluminum framed storefront system and storefront doors level, plumb, square, true to line, without distortion or impeding thermal movement, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction.

C. Set sill members and door threshold in bed of sealant or with gaskets, as indicated, for weather tight construction.

D. Install aluminum framed storefront system and components to drain condensation, water penetrating joints, and moisture migrating within sliding door to the exterior. Refer to section 07900 - Joint Sealers.

E. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.

F. Install aluminum storefront framing system glass and glazing, in accordance with section 08800 and the manufacturer's requirements.

3.3 Adjusting, Cleaning, and Protection:

A. Clean aluminum surfaces immediately after installing aluminum framed storefronts. Avoid damaging protective coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.

B. Clean glass immediately after installation. Comply with glass manufacturer's written recommendations for final cleaning and maintenance. Remove nonpermanent labels, and clean surfaces.

C. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

SECTION 085619 - PASS-THRU WINDOW

1.1 General: Provide door hardware as shown and specified.

A. Standards: Materials and installation shall conform to the following:
   1. ASTM A240 - Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels.
   2. ASTM A653 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
   3. ASTM B209 - Aluminum and Aluminum-Alloy Sheet and Plate.
   4. ASTM B221 - Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
   5. ASTM B580 - Standard Specification for Anodic Oxide Coatings on Aluminum.
   6. ASTM B680 - Standard Test Method for Seal Quality of Anodic Coatings on Aluminum by Acid Dissolution.
   7. ASTM C1048 - Heat-Treated Flat Glass--Kind HS, Kind FT Coated and Uncoated Glass.
   8. ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass.
   9. ASTM E774 - Standard Specification for Sealed Insulating Glass Units.
   10. Aluminum Association AA DAF-45 - Designation System for Aluminum Finishes.

B. Quality Assurance:
   1. Manufacturer Qualifications: Minimum of 25 years successful experience continuously manufacturing pass-thru windows.
   2. Installer Qualifications: Installer shall have five years experience manufacturing and fabricating windows of similar type and scope as those specified in this section.
   3. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
      a. Finish areas designated by Architect.
      b. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
      c. Refinish mock-up area as required to produce acceptable work.

2.1 Materials:

A. Manufacturer: Quikserv; Toll Free Tel: 1-800-388-8307; Email: sales@quik-serv.com); Web: https://www.quikserv.com/
B. No substitutions allowed. Requirements for manufacturer, design, grade, function, finish, size and other distinctive qualities of each type of door hardware are indicated on the drawings.

2.2 In-Line Side Sliding Window - Automatic

A. Custom Complete Unit Size 104"W x 59-1/2"H, Side Sliding Window (Model: SS-4035-E-CHIPOTLE): 65"W x 43-1/2"H window with 16" transom height and (2) sidelights at 19 1/2"W x 43-1/2"H
   1. 1. Service Opening: 28"W x 31-1/2"H
   2. Finish: Dark Bronze Anodized
   3. Glass: 1" Clear Tempered unit + Low E (Solarban 60e) for fixed & moving panel, sidelights and transom
   4. 'CHIPOTLE' package includes pre-wired air curtain with relay to sync operation with window mounted to transom.
      a. Arch PM to verify if heated or ambient air curtain is required.
         - Heated Air Curtain: Model QSV1025EJ-040-BK
         - Ambient Air Curtain: Model QSK1025AA-BK
   5. See elevation for direction of opening. Refer to sliding direction from inside of building when ordering.

B. Alternate California Code Option: Model: SS-4035-E-CHIPOTLE-CALI, same as above except as noted.
   1. Service Opening: 28"W x 15-3/8"H, limits opening size to meet California code.
   2. 'CHIPOTLE' package includes pre-wired air curtain with relay to sync operation with window mounted to transom.
      a. Ambient Air Curtain: Model QSK1025AA-BK

C. Alternate Impact Resistant Option: In Line Miami Dade Horizontal Bi-Parting Impact Slider, Model: BP-7241E-IPCHIPOTLE, Complete Unit Size: 72"W x 41"H
   1. Service Opening: 27"W x 27"H
   2. Rough Opening: 72-1/2"W x 41-1/2"H
   3. Glass: Impact Resistant Glass
   4. 'CHIPOTLE' package includes ambient air curtain Model QSK1025AA-BK.
   5. Do not mount directly to window, mount on wall above: Miami-Dade NOA #18-0814.01

2.3 Electrical Requirements
A. Electrical Windows: 120V / 60 Hz, 20 amp branch circuit, single phase. Power supplied through base of window. Conforms to UL Standard 325 – Certified to CAN/CSA C22.2 NO. 247. Confirm with Electrical Drawings.
   1. Heated Air Curtain for Custom Side Sliding Window (Model: SS-4035-E-CHIPOTLE)
      a. Separate 230V circuit required. Power Supply for heated air curtain. Air curtain pre-wired through window frame with power supply routed to base of window. Confirm with Electrical Drawings.
   2. Ambient Air Curtain for Custom Side Sliding Window (Model: SS-4035-E-CHIPOTLE) and Alternate California Code Option (Model: SS-4035-E-CHIPOTLE-CALI)
      a. Separate circuit not required. Window pre-wired to power and sync operation with air curtain.
   3. Ambient Air Curtain for Alternate Impact-Resistant and Florida Product Approved Option (Model: BP-7241E-IP-CHIPOTLE)
      a. Connect to main control board on window to power and synchronize operation with window.

3.1 Installation

A. Install in accordance with manufacturer's instructions.
B. Install pass-thru windows plumb, level, square, true to line, and without warp or rack. Maintain dimensional tolerances and alignment with adjacent Work.
C. Install thermal isolation where components penetrate or disrupt building insulation. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.
D. Install pass-thru window components weathertight.
E. Anchor pass-thru windows securely in place to supports. Use attachment methods permitting adjustment for construction tolerances, irregularities, alignment, and expansion and contraction.
F. Separate aluminum from other metal surfaces with bituminous coatings or other means approved by Architect.
G. Coordinate installation of related sheet metal flashing as specified in Section 07 62 00 - Sheet Metal Flashing and Trim.
H. Install perimeter joint sealants as specified in Section 07 91 23 - Backer Rods.

SECTION 08710 - DOOR HARDWARE

1.1 General: Provide door hardware as shown and specified.

A. Standards: Materials and installation shall conform to the following:
   1. ANSI A117.1-2009 Accessible and Usable Buildings and Facilities.
   2. ANSI/BHMA A156 Series Builders Hardware

B. Quality Assurance:
   1. Codes and standards: Provide hardware complying with local Building Code requirements and the Tenant's standards for keying and security systems.
   2. Project scheduling: Performed by an Architectural Hardware Consultant (AHC).
   3. Package each item of hardware and each lockset, complete with all screws, anchors, installation instructions and templates. Identify package indexing with corresponding item number of the hardware schedule.
   4. After hardware schedule acceptance, provide necessary templates or physical hardware to required trades for cutting, reinforcing, or preparing their products to receive hardware. Furnish templates to metal door manufacturer's.

2.1 Materials:

A. No substitutions allowed. Requirements for manufacturer, design, grade, function, finish, size and other distinctive qualities of each type of door hardware are indicated on the drawings.

B. Review the keying system with the Tenant and provide the type required.

3.1 Installation

A. Install each hardware item in strict accordance with manufacturer's installation instructions and recommendations. Securely fasten all attached parts. Fit faces of mortised parts snug and flush. Verify operating parts move freely and smoothly without binding or sticking, without excessive clearance.

B. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as required for proper installation and operation. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.

C. Mount hardware units at heights indicated in DHI "Recommended Locations for Builders Hardware" unless otherwise required to comply with requirements of governing codes and regulations. Conform to ANSI A117.1 and ADA Accessibility Guidelines.
   1. Top Butts: 5 inches; top of butt from head of frame.
   2. Middle Butts: 3'-2", centerline from finish floor.
   3. Bottom Butts: 5 inches; finish floor to bottom of butt.
   4. Locks: centerline from finish floor per hardware schedule.
   5. Levers: 3'-2", centerline from finish floor.
   6. Pulls: centerline from finish floor per hardware schedule.
   7. Pushes: centerline from finish floor per hardware schedule.

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
ARCHITECTURAL SPECIFICATIONS

G014

SECTION 08800 - GLAZING

1.1 General: Provide glass and glazing as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. CPSC 16 CFR Part 1201 (1-91)"Safety Standard for Architectural Glazing Materials."
2. GANA "Glazing Manual - 1990."

B. Quality Assurance:
1. Codes and standards: Provide type of glass and glazing products that comply with ANSI Z97.1 and testing requirements of 16 CFR Part 1201 for category II materials. Comply with all applicable codes, standards and regulations that control safety glazing materials and installation.
2. System Performance: Provide glass and glazing that has been produced, fabricated and installed to withstand normal thermal movement, wind loading and, where applicable, impact loading, without failure including loss or breakage of glass, failure of glazing sealants or gaskets to remain watertight and airtight, deterioration of glass and glazing materials and other defects in the work.
3. Installation: Performed only by experienced glaziers.

C. Warranty:
1. Insulating glass: Five years from date of installation against defects that materially obstruct vision through the glass or affect thermal and physical integrity.

2.1 Materials:

A. Glass:
1. Float Glass (FG): 1/4" thick clear float glass.
2. Tempered Glass (TG): 1/4" and 1/2" thick clear, tempered safety glass, free-of-tong marks.
3. Insulating Glass (IGL): 1" thick clear, low-e tempered sealed glass; 1/4" thick interior and exterior glass lites with 1/2" aluminum desiccated dual sealed air space; with the following characteristics:
a. Low-emissivity coating on #2 surface.
b. Visible Light Transmittance: 64% - 70%
c. Visible Light Reflectance - Outdoors: 9%-11%
d. Solar Energy Transmittance: 32%-34%
e. Solar Energy Reflectance-Outdoors: 30%-34%
f. U-Value - Winter Night: 0.29
g. U-value - Summer days: 0.28
h. Solar Heat gain Coefficient: 0.25-0.39
i. Shading Coefficient: 0.43-0.45
j. Manufacturers/Products:
1. AGC/Comfort Ti-AC40, or similar to meet code
2. Sun Guard/SN-68, or similar to meet code
3. PPG/Solarban 60, or similar to meet code
4. Viracon/VE1-2M, or similar to meet code
4. Spandrel Glass (SG) 1/4" Spandrel Ceramic Glass, (Color: GrayBlack or as noted on drawings). Old Castle Building Envelope, (419) 666-2000, Contact: Doug Dewar

B. Glazing Materials:
1. Glazing Sealants: Provide elastomeric glazing sealants suitable for applications indicated; compatible with one another and with other materials they will contact, complying with ASTM C920.
2. Glazing Tape: Provide preformed, non-staining and non-migrating elastomeric tape, as recommended by tape and glass manufacturers for application indicated, complying with ASTM C 1281.
3. Glazing gaskets: Provide manufacturer's standard snap-on aluminum stops and neoprene, vinyl or EPDM glazing gaskets.
4. Provide setting blocks, spacers and edge blocks of material, size, and shape complying with referenced glazing standard, and compatible with surfaces contacted in installation.

C. Fabrication: Factory fabricate and size all glass.

3.1 Installation

A. Preparation:
1. Field verify measurements and conditions of installation.
2. Examine all details. Provide proper fitting to details indicated.
3. Glazing channel dimensions shown are intended to provide for necessary bite on glass, minimum edge clearance and adequate glazing materials thickness, with reasonable tolerances. Adjust as required for conditions at time of installation.

B. Install glass and glazing in accordance with the GANA "Glazing Manual" and glass manufacturer's recommendations.
1. Install insulating glass units to comply with Sealed Insulating Glass Manufacturers Association (SIGMA) recommendations.

C. Install setting blocks of proper size at quarter points of sill rabbet. Provide spacers as required.

D. Install glazing sealants, tapes and gaskets in accordance with manufacturer's recommendations. Set glass without springing and install securely to prevent rattling or breakage.

E. Protect glass from breakage during remaining construction. Do not remove non-permanent labels until final acceptance.

DIVISION 9 - FINISHES

SECTION 09260 - GYPSUM BOARD SYSTEMS

1.1 General: Provide gypsum board systems as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. GA 214-90 "Levels of Gypsum Board Finish."
2. GA-216 "Specifications for Application and Finishing of Gypsum Board."
3. USG "SA923 Drywall/Steel Framed Systems."

2.1 Materials:

A. Manufacturer: United States Gypsum Co. (USG), (800) 874-4968, internet www.usg.com.

B. Metal framing: Comply with ASTM C 754 and ASTM C 645 for materials and sizes.
1. Partition metal framing:
a. Studs: Galvanized steel, C-shaped, sizes indicated, 20 gauge "ST20"
b. Runners: Match studs, type recommended by stud manufacturer for floor and ceiling support of studs. Provide flexible ceiling runners for full height metal stud framed partitions continuous from floor to underside of structural members or deck above.

C. Ceiling and Soffit metal framing/suspension systems:
1. Small areas: Metal stud framing of appropriate size and gauge for spans indicated.
2. Large areas: Furring channel "Grillage" or "Direct Suspension System" designed for concealed support of gypsum board ceilings, of proper type for use indicated.
3. Furring members: 20 gauge, galvanized steel screw type, hat-shaped furring.

D. Gypsum board panels: USG "Sheetrock" complying with ASTM C1396, tapered edge face panels, 48" wide, in maximum lengths available to minimize end joint conditions, 5/8" thick.
1. General use panels: Sheetrock Regular panels.
2. Fire rated panels: Sheetrock Firecode Core panels.
3. Water-resistant: panels: Sheetrock HUMITEK panels.

E. Cement board: USG DUROCK Cement Board, 5/8" thick x manufacturer's standard width, complying with ANSI A118.9, and in maximum lengths available to minimize end-to-end butt joints.

F. Fasteners: USG Type "S" bugle head screws for metal framing, USG Type "W" bugle head screws for wood framing, manufacturer's recommended length for panel thickness indicated.

G. Trim: Galvanized steel with knurled and perforated flanges. USG Dur-A-Bead corner bead, No. 200B casing bead metal trim, No. 093 Control Joint.

H. Joint treatment: USG Joint Treatment System, utilizing "Sheetrock Brand Joint Tape", and "Sheetrock Brand Setting-Type (DURABOND)" compound for tape bedding and topping.

I. Adhesives: USG "Sheetrock Brand Setting-Type (DURABOND) 210 or 90" compound for tape bedding and topping.

J. Acoustical sealant: USG Sheetrock Acoustical Sealant, water-base type, gunnable sealant for sealing sound-rated gypsum board systems.

K. Sound attenuation insulation: USG Thermafiber unfaced 3-1/2" thick, mineral fiber insulating batts/blankets; standard lengths and widths required to coordinate with spaces insulated.

3.1 Installation

A. Install metal wall and partition framing and ceiling suspension/ support systems in accordance with USG Bulletin SA 923 and complying with ASTM C754.
1. Ceiling suspension/ support systems: Metal furring system/direct suspension or steel stud framing system.
2. Wall and partition framing:
a. Install steel studs per schedule or at spacing indicated with bottom and top runner tracks anchored to substrates. Provide flexible ceiling runner tracks at full height partitions.
b. Terminate partition stud system 4" above ceilings, except where indicated to be extended to structural support or roof deck above. Brace tops of partition framing to structure or roof deck at maximum 4'-0" on center spacing.
c. Frame openings more than 2'-0" wide with two 20 gauge studs at each jamb.
d. Coordinate the installation of supplementary blocking and nailers, provided under Section 06100 work, to support shelving, millwork, toilet accessories, and similar work that cannot be adequately supported by gypsum board alone.

B. Application and Finishing: Install and finish gypsum board to comply with ASTM C 840 and Gypsum Association GA 216 "Recommended Specifications for the Application and Finishing of Gypsum Board."
1. Screw fasten all gypsum board panels.
2. Metal Trim: Install metal corner beads at external corners of gypsum board work and metal trim wherever edge of gypsum board would be exposed. Use longest practical lengths.
3. Control Joints: Locate and install in accordance with USG Bulletin SA923 "Good Design Practice" recommendations.

C. Acoustical Treatment:
1. Where sound-attenuation insulation is indicated, seal gypsum board construction at perimeters, control joints, junction boxes, openings and penetrations with a continuous bead of acoustical sealant including a bead at both faces of partitions.
2. Install sound attenuation insulation at scheduled partitions and ceilings. Install insulation in single layer of required thickness. Extend full thickness over entire area to be insulated. Cut and fit tight around obstructions. Fill all voids.
3. At openings and cutouts, fill open spaces between edges of gypsum board and fixtures, cabinets, ducts, and other flush or penetrating items, with continuous bead of acoustical sealant.
4. Seal sides and backs of electrical boxes to completely close up openings and joints with a bead of acoustical treatment.

D. Finishing:
1. Comply with manufacturer's instructions for mixing, handling, and application of materials. Apply treatment at joints both directions, at flanges of trim accessories, penetrations of gypsum board (electrical boxes, piping, and similar work), fastener heads, surface defects, and elsewhere as indicated. Apply in manner that will result in each of these items being concealed when applied decoration has been completed.
2. Apply joint tape at joints between gypsum boards, except where trim accessories are indicated.
3. Interior Exposed Gypsum Board Finish: **LEVEL 5 FINISH.**
a. Locations: Typical for all walls and ceilings, unless otherwise indicated
b. Finish interior gypsum board by applying the following joint compounds in four coats (not including pre-fill of openings in base), and sand between coats and after last coat:
c. Embedding and First Coat: Setting-type joint or taping compound.
d. Fill (Second) Coat: Setting-type topping compound.
e. Fill (Third) Coat: Setting-type topping compound.
f. Finish (Fourth) Coat: Skim coat entire surface.
4. Interior Concealed Gypsum Board: Level 3 Partial Finishing.
a. Finish concealed gypsum board construction that requires finishing same as exposed gypsum board construction, except the third coat and sanding can be omitted.

Cement Board: Install cement board as a 16" high base at all kitchen and kitchen cook line wall types as indicated on drawings.

3.1 Installation

A. Install DenShield at all tile walls excluding hood area as indicated on drawings.

B. General: Install in accordance to ASTM C840, manufacturer recommendations, and TCA Handbook for Ceramic Tile Installation.
1. Manufacturers Recommendations: refer to Current "Product Catalog", Georgia Pacific Gypsum.
a. Attach DensShield Tile Backer with grey side facing the interior. Tile should be applied on the grey side of DensShield Tile Backer. Cut panel to required size and make cutouts. Fit ends and edges closely. No gaps between panels.
b. DensShield Tile Backer may be cut by using a utility knife to score, then snap, working from the grey face side.
c. For walls, when used as a tile substrate a minimum 20-gauge steel or wood framing should be spaced no greater than 24" o.c. for 5/8" DensShield Tile Backer. Board can be applied horizontally or vertically.
d. Fasteners shall be spaced 6" o.c. for walls for wood and steel framing. Do not countersink. Drive fasteners flush with grey coated surface. See manufacturer installation Fastener Guide for proper selection.
e. In all corners, imbed with a bead of flexible sealant when installing panels into corner. Apply self-adhesive 2" wide fiberglass mesh tape and bed tape on all joints and corners with material used to set tiles.
f. Caulk or seal fixture/plumbing penetrations and abutments to dissimilar materials.
g. Do not use all purpose joint compound or tape in wet areas.
h. Do not apply DensShield Tile Backer directly to concrete or masonry block. Framing or furring of the walls is necessary.
i. DensShield Tile Backer should not be used for exterior installations.
j. DensShield Tile Backer panels should not be used as a base for nailing and mechanical fastening.
k. DensShield Tile Backer has a built in moisture barrier. Never install vapor retarders directly behind DensShield Tile Backer panels. In retrofit applications, some paints or other wall coverings may constitute a vapor barrier; remove or effectively penetrate these coverings prior to installing DensShield Tile Backer panels.

C. Refer to Section 09260 Gypsum Board Systems for additional installation and sound treatment instructions.

SECTION 092816 - GLASS-MAT FACED GYPSUM BACKING BOARDS

1.1 General: Provide Fiberglass-mat faced, moisture resistant gypsum backer board as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. ASTM C840 Standard Specification for Application and Finishing of Gypsum Board.
2. ASTM C1002 Standard Specifiation for Steel Self Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs
3. ASTM C1178 Standard Specification for Glass Mat Water-Resistant Gypsum Backing Panel
4. ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
5. ASTM D6329 Standard Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers.
6. ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials
7. Tile Council of North America, Inc. (TCNA): TCA Handbook for Ceramic Tile Installation, Current Edition.

2.1 Materials:

A. Manufacturer: Georgia-Pacific Gypsum LLC, (800) 225-6119, internet: www.buildgp.com

B. Fiberglass-Mat Faced Gypsum Backing Board: DensShield Fireguard Tile Backing Board complying with ASTM C1178, Type X, Square edges, 4' wide in maximum lengths available to minimize end joint conditions, 5/8" thick. Surfacing: Coated fiberglass mat on face, back and long edges.
1. General use panels: 5/8" DensShield Fireguard Tile Backer, Georgia-Pacific Gypsum.

C. Fasteners: Meeting ASTM C1002, with corrosion resistant treatment. Size and type per manufacturer's recommendations:
1. Walls (Steel Frame): Bungle head, fine thread, sharp point rust resistant drywall screw
2. Walls (Walls Frame): Bungle head, coarse thread, sharp point rust resistant screw

D. Metal Framing, Trim, joint treatment, adhesives, acoustical sealant, and sound attenuation insulation: Refer to Section 09260 Gypsum Board Systems

SECTION 09330 - QUARRY TILE

1.1 General: Provide quarry tile flooring and base as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. ANSI A137.1 "Ceramic Tile."
2. TCA "Handbook for Ceramic Tile Installation."

2.1 Materials:

A. Manufacturers:
1. Quarry Tile: Daltile, (877) 556-5728, internet: http://daltile.com
a. For ordering purposes, email all orders to chipotle@daltile.com
2. Waterproofing, Setting and Grouting Materials:
a. Setting and Grouting Materials and Tile Base Membrane: Mapei
1. For ordering purposes, email all orders to chipotle@daltile.com
2. For technical questions, contact Mapei, (800) 992-6273, internet: www.mapei.com
3. Stainless Steel Outside Corner Cove Base by Decimet Sales, Inc.
1. For ordering purposes, email all orders to chipotle@daltile.com

B. Quarry Tile: Daltile 6" x 6" x 1/2" Quarry Textures with 5" base as scheduled on finish plan and appropriate trim Color: "Ashen Gray" 0T03
1. Entire Kitchen Area: Provide non-abrasive finish quarry tile.
2. Rest Rooms: Provide non-abrasive finish quarry tile.
3. Outside Corner Cove Base (Kitchen): 5 1/2" stainless steel corner by Decimet Sales, Inc.
4. Inside Corner Cove Base: #QB-3565, 1" x 5"
5. Bullnose Coveless Base: #Q-1665, 6"x6"
6. Bullnose Corner Coveless Base: #QCRL-1665, 6" x 6"

C. Waterproofing for elevated floor slabs: Mapei, Mapelastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane

D. Setting Adhesive: Mapei, Ultraflex 3, Color: Gray

E. Grout: Mapei, Kerapoxy IEG CQ, Color: #9, "Gray", 1/4" grout joints.

F. Quarry Tile Base Membrane: Mapei, Mapelastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane

3.1 Installation

A. Preparation: Clean surfaces scheduled to receive quarry tile thoroughly and remove all coatings that may impair bond.
1. Center tile fields both directions in each floor area. Adjust layout to minimize tile cutting. Avoid tile less than one-half size. Locate cuts to be least conspicuous.
2. Maintain units uniformly "in plane." Provide straight, uniform joint widths and grout lines.

B. Elevated Floor Slabs: Install waterproofing membrane at elevated floor slab surfaces scheduled to receive quarry tile floor finish. Install membrane materials in accordance with manufacturer's installation instructions to produce a waterproof membrane of uniform minimum 30 mil thickness bonded securely to substrate.
1. Extend waterproofing up vertical wall surfaces minimum 10" high.
2. Extend membrane down into floor drain flanges to assure continuous waterproofing at drainage points.

C. Wet Areas: Install waterproofing membrane at all quarry tile wall base. Install membrane materials in accordance with manufacturer's installation instructions to produce a waterproof membrane of uniform minimum 30 mil thickness bonded securely to substrate.
1. Extend waterproofing up all vertical wall surfaces receiving quarry tile base minimum 10" high. Extend waterproofing membrane 10" minimum horizontally from all vertical wall surfaces receiving quarry tile base.

D. Installation: Install, grout and clean ceramic tile in accordance with referenced TCA installation details and ANSI standard specifications for setting methods scheduled.
1. Floors: Latex-portland cement mortar on concrete; TCA detail F113 and ANSI A108.5, grout ANSI A108.10.
2. Base: Latex-portland cement mortar on cement board.
3. Outside stainless steel Corner Cove Base: Install a day prior to quarry tile base. Apply adhesive liberally to the back of the corner cove base and press and tape firmly in place until adhesive has set. Neatly caulk the top of the stainless with GE Silicone II (color Aluminum).
a. Over Cement Board: Bond with GE Silicone II, 100% silicone sealant for aluminum and metal.
b. Over Stainless Steel: Bond with Hydroment Ultra-Set.

SECTION 09340 - CERAMIC TILE

1.1 General: Provide ceramic wall tile as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. ANSI A137.1 "Ceramic Tile."
2. TCA "Handbook for Ceramic Tile Installation."

2.1 Materials:

A. Manufacturers:
1. Ceramic Tile and Accent Tile: Daltile, (877) 556-5728, internet: http://daltile.com
a. For ordering purposes, email all orders to chipotle@daltile.com

B. Ceramic Tile: Series - Color Wheel Glazed Ceramic
1. Kitchen Tile or as noted in plans: Color- Arctic White 0190, Size - 4 x 16, Pattern - Stacked Bond
2. Accent Tile:
a. Color - Chipotle Brick Metallic 1.0 #9999710686, Size 3x12, Pattern - Stacked Bond
3. Alternate Accent Tile only when approved by Arch PM and Chipotle DM
a. Series - Remedy, Color - Alchemy RD25, Size - 2x9, Pattern - Stacked Bond
b. Series - Marrazzi, Color - Artesen AT25, Size 2x4, Pattern - Brickjoint Mosaic

C. Setting Adhesive: Thinset Mortar, Mapei, Ultraflex LFT - Gray

D. Grout:
1. Kitchen Tile or as notes in plans: Mapei, Series - Flexcolor CQ (Gray #09), 1/8" grout joints.
2. Accent Tile: Mapei, Series - Flexcolor CQ (Truffle #115), 1/8" grout joints.
3. Alternate Accent Tile Grout only when approved by Arch PM and Chipotle DM
a. Mapei, Series - Flexcolor CQ - Black #10, 1/8" grout joints (Use with Remedy Tile)
b. Mapei, Series - Flexcolor CQ - Truffle #115, 1/8" grout joints (Use with Marrazzi Tile)

3.1 Installation

A. Preparation: Clean surfaces scheduled to receive ceramic tile thoroughly and remove all coatings that may impair bond.
1. Protect surrounding work from damage.
2. Remove any curing compounds or other contaminates.
3. Vacuum clean surfaces and damp clean.
4. Install cementitious backer board or glass-mat faced gypsum backing board as indicated in drawings in accordance with ANSI A108.11 and board manufacturer's instructions. Tape joints and corners, cover with skim coat of dry-set mortar to a feather edge.
5. Prepare substrate surfaces for adhesive installation in accordance with adhesive manufacturer's instructions.

B. Installation:
1. Install, grout and clean ceramic tile in accordance with referenced TCA installation details and ANSI standard specifications for setting methods scheduled.
2. Lay tile in horizontal stack bond, following detail drawings for layout considerations. Horizontal rows of tile shall be full-height courses, unless noted otherwise.
3. Arrange pattern so that a full tile or joint is centered on each wall horizontally and that no tile less than 1/2 width is used at the ends of the wall. Exception: when one end of the wall is a tile-to-gypsum board transition. Do not interrupt tile pattern through openings.
4. Use specified stainless steel corner guards at tile-to-tile and tile-to-FRP outside corners.
5. Use corner bead of 100% silicone sealant, color to match grout, at inside corners where tile meets tile.
6. Use corner bead of 100% silicone sealant, white, at inside corners where tile meets paint gyp. board, tile meets FRP or tile meets aluminum.
7. Cut and fit tile to penetrations through tile, leaving sealant joint space. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make joints watertight, without voids, cracks, excess mortar, or excess grout.
8. Sound tile after setting. Replace hollow sounding units.
9. Keep expansion joints free of adhesive or grout. Allow tile to set for a minimum of 48 hours prior to grouting. Apply sealant to junction of tile and dissimilar materials and junction of dissimilar planes. Refer to section 07900 Joint Sealers.
10. Clean tile and grout surfaces.

SECTION 09510 - ACOUSTICAL CEILINGS

1.1 General: Provide acoustical ceiling continuous/wall to wall system as shown and specified.

1.2 Related Documents

A. Section Includes:
1. Drawings and general conditions of Contract, including General and Supplementary Conditions and Divisions -1
2. Specification sections apply to work of this section.

1.3 Summary

A. Section Includes:
1. Acoustical ceiling panels

1.4 Quality Assurance:

A. Acoustic Panels: As with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern through possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, or their local codes for guidance where automatic fire detection and suppression systems are present.

B. Coordination of Work: Coordinate acoustical ceiling work with installers of related work including, but not limited to building insulation, gypsum board, light fixtures, mechanical systems, electrical systems and sprinklers.

1.5 Delivery, Storage and Handling:

A. Deliver acoustical ceiling units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.

1.6 Warranty:

A. Acoustical Panel: Submit a written warranty executed by the manufacturer, agreeing to repair or replace panels that fail within the warranty period. Failures include, but are not limited to the following:
1. Acoustical Panels: Sagging and warping
2. Grid System: Rusting and manufacturer's defects

B. Warranty Period:
1. Acoustical Panels and Grid System: One (1) year from date of substantial completion.

C. The Warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under the requirements of the Contract Documents.

2.1 Materials:

A. Manufacturer:
1. Provide "SOFFIT - Silentium Ceiling Baffle System" as manufactured by:
a. MAXXIT Systems, Inc., 200 Admiral Blvd., Mississauga, ON L5T 2N6, Canada. General Phone: 905-206-9349 or contact:
Daniel Biggs
Cell phone: 1-587-987-6040
Office phone: 1-905-206-9349
Email address: daniel.biggs@maxxitsystems.com
b. This has a minimum 6 week lead time and will need to be ordered early. Specs and install instruction provided by MAXXit.

2. Alternate Ceiling Baffle System only when approved by Arch PM and Chipotle DM:
a. TURF Design Inc, 2000 Fox Lane, Elgin, IL 60123. General Phone: 844-TURF-OMG or contact:
Ryan Markland
Phone: 909-367-8316
Email address: HYPERLINK "mailto:R.Markland@turf.design" R.Markland@turf.design

B. SOFFIT "Silentium Ceiling Baffle: 2 1/4" thick x 8 3/4" tall
1. Material: 100% Polyester Felt (Solid Felt Baffle)
2. Lengths: 95 1/2", 71 1/2", 47 5/8", 23 3/4"
3. Color: Gray GP-04
4. Flame Spread + Smoke Generation: Class A, ASTM E84
5. Noise Reduction Coefficient (NRC): ~0.75
6. Recyle Content: 60% PET-recyclced fiber
7. Accessories: Finished End Cap adn Joiner Spline

C. SOFFIT Suspension Fitting:
1. Installation hardware fitting with locking device designed to positively lock baffle panel in place. SOFFIT Suspension Fitting connects SOFFIT Ceilng Baffle to Heavy Duty T-Bar.

D. Metal Suspension Systems, General
1. This Ceiling Baffle System is designed to be supported by and attached to a Heavy Duty T-Bar (ceiling grid) installation above it.
a. Design the T-Bar installation to provide connection points as required for each baffle segment and provide sufficent support for the weight of the baffles.
b. Acceptable T-Bar product: Armstrong Prelude XL, USG Donn Brand DX/DXL, or equal. Color: 360 Painted Grid - Black
• Grid T and face to be painted per color spec.

E. Adjacent Materials Consideration
1. Air Distribution Devices: Provide distribution devices that are independently suspended, relocatable, capable of being fully integrated with ceiling system that requires no interruption of baffle components.
2. Lighting Fixtures: Provide fixtures capable of being fully integrated with ceiling system and that require no interruption of baffle components.

3.1 Site Conditions:

A. Begin system installation only after space is enclosed and weather-tight; and after all wet work and overhead work have been completed.
B. Prior to starting installations, allow materials to reach ambient room temperature and humidity intended to be maintained for occupancy.
C. Care must be taken to prevent physical damage (i.e. scratching, denting, etc...) to materials.
D. Product must not be exposed to water at any time.
E. Building areas to receive ceilings shall be free of construction dust and debris.

3.2 Examination:

A. Examine substrates and structural framing to which baffle panel system attaches or abut, for compliance with requriements that affect installation and anchorage, and other conditions affecting performance.
B. Proceed with installation only after any unsatisfactory conditions have been corrected.

3.3 Preparation:

A. Coordination: Furnish layouts for cast-in-place anchors, clips, and other ceiling anchors whose installion is required of other trades.
B. Survey substrate to assure squareness and proper elevaton installation.

3.4 Installation:

A. General: Install SOFFIT - "Silentium" Ceiling Baffle System per manufacturers shop drawings provided, per manufacturers's written instructions, to comply with publications referenced below and any governing building codes / inspectors' requirements.
1. CISCA "Ceiling Systems Handbook"
2. Standard for Ceiling Suspension System Installations - ASTM C 636.
3. Standard for Ceiling Suspension Systems Requiring Seismic Restraint - ASTM E 580
4. IBC (International Buidling Code) standard for Seismic Zone for local area.

3.5 Adjust and Clean

A. Adjust components to provide uniform tolerances.
B. Vacuum and clean exposed surfaces with non-solvent, non-abrasive commerical type cleaner that is safe for system finish, as required.
C. Replace damaged and broken panels.

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 9th STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

2	09/08/2021	CLIENT REVISION

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
ARCHITECTURAL SPECIFICATIONS

G015

SECTION 09510 - SUSPENDED CEILING SYSTEMS

1.1 General: Provide acoustical ceiling systems as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. CISCA "Acoustical Ceilings - Use and Practice."
2. ASTM C635.
3. ASTM C636.

B. Related Sections:
1. 09515 Cementitious Wood Fiber Acoustical Panels: Suspension system.

2.1 Materials:

A. Manufacturer:
1. USG Interiors, Inc., (800) 950-3839, www.usg.com
2. Pittcon Industries, (800) 637-7638, www.pittconindustries.com

B. Ceiling Panels: USG "Sheetrock Lay-In ClimaPlus No. 3270" ceiling panels with white, stipple texture, vinyl facing, 24"x48"x1/2".

C. Light Pocket: Pittcon "LP-700-800", White, Height of cove should be field verified by GC to end on a full tile height.
1. Note: Light Pocket can have up to 6 week lead time and should be ordered as soon as possible.

D. Light pocket endcap should only be installed when the end of the cove is not against a wall.

E. Suspension System: Provide heavy duty, structural class, direct hung systems adequate to support light fixtures, ceiling diffusers and other normal accessories.
1. Exposed "Tee" Grid System for use with Lay-In Ceiling panels: USG "Donn DX System" non-fire rated with 15/16" exposed face, cold-rolled galvanized steel with aluminum face cap, white paint finish on exposed surfaces. Provide hemmed edge aluminum wall angles, 1" tall and 2" exposed leg for seismic,white paint finish matching exposed grid. **ICC-ESR #1222**
2. Concealed "Tee" Grid System for use with Painted Gypsum Board Ceilings & Soffits or with Cementitious Wood Fiber Acoustical Panels (Tectum): USG "DGLW" Heavy Duty Drywall Suspension System with 1 5/8" deep by 1 1/2" wide main tees and 1 1/2" deep by 1 1/2" wide cross tees.
3. Hanger Wire: No. 12 SWG galvanized steel wire.
4. Heavy Duty "Tee" Grid System for use with Felt Baffle Ceiling System: USG Donn Brand DX/DXL with 15/16" wide face tees, color: black.

3.1 Installation

A. Install acoustical ceiling materials and suspension systems in strict accordance with manufacturer's recommendations, complying with governing regulations and industry standards applicable to the work.

B. Suspension system installation shall be laser leveled with a maximum surface leveling tolerance of 1/8" in 12'-0".

C. Install exposed Tee suspension systems with main tees nominally 12 feet long spaced 48 inches O.C. and cross tees nominally 4 feet long spaced 24 inches O.C.

D. Install concealed Tee suspension systems with main tees nominally 12 feet long spaced 24 inches O.C. and cross tees nominally 2 feet long spaced 48 inches O.C.

E. Hanger wire shall be spaced 48" O.C. along main tees, at all four corners of light fixtures (where applicable), at midpoint of cross tees adjacent to light fixtures and duct outlets, and adjacent to main tee splices.

F. Secure wire hangers by looping and wire-tying either directly to building structure or to hangers that are secure and appropriate for substrate.

G. Provide edge trim molding at perimeter of acoustical ceiling installation and intermediate vertical surfaces. Use maximum lengths. Miter trim corners to Provide tight, accurate joints. Connect moldings securely to substrate surfaces.

SECTION 09515 - CEMENTITIOUS WOOD FIBER ACOUSTICAL PANELS

1.1 General: Provide Cementitious Wood Fiber Acoustical Panels as shown and specified.

A. Related Sections:
1. 09510 Suspended Lay-In Ceiling Systems: Tee grid suspension system.
2. 09900 Paints and Coatings: Acoustical Panel Paint Finish

2.1 Materials:

A. Acoustical Panels: Equal to Tectum, Cementitious wood fiber acoustical panels. Tectum Inc. (888) 977-9691, internet: www.tectum.com

B. Panel Size: Nominally 1 inch thick, see plan for panel sizes.

C. Factory Finishes:
1. Natural (no finish).
2. Factory Painted Natural (where panels are indicated to be field painted).
3. Factory Painted White.

D. Insulation: Fiberglas Sound Batts, 3 1/2 inches thick per plan.

E. Screws: Use pre-finished, natural-colored drywall screws or field-paint screw heads when installing natural (un-finished) acoustical panels.

F. Accessories: Natural touch-up paint by pan

G. Suspension System: Provide where indicated. Provide Armstrong 'Axiom' 6" classic trim (AX6STR) white, suspend with 12 ga. wire hangers hung at 48" O.C. min.

3.1 Installation

A. Attach acoustical panels to substrates as follows:
1. Wood Joists or Trusses: Attach acoustical panels directly to wood framing members, where indicated, with 2 1/4 inches minimum length drywall screws spaced at 12 inches O.C. maximum across width of panels in rows no more than 24" O.C. Install additional wood framing and/or blocking as necessary to ensure that framing members for panel attachment are spaced no more than 24 inches apart. Do not attach acoustical panels directly to wood roof sheathing to avoid roofing membrane puncture.
2. Steel Roof Deck: Attach acoustical panels directly to steel roof deck bottom flute, where indicated, with 1 3/4 inch minimum length self-tapping drywall screws spaced at 12 inches O.C. maximum across width of panels in rows no more than 24" O.C. Install sheet metal straps directly to bottom of steel deck where necessary to form an attachment surface along panel edges.
3. Ceiling Suspension System: Attach acoustical panels to lay-in ceiling suspension systems, where indicated, with 1 3/4 inch minimum length self-tapping drywall screws spaced at 12 inches O.C. maximum across width of panels in rows no more than 24" O.C.

B. Install panels as indicated per plan.

NOT USED

SECTION 09653 - RUBBER WALL BASE

1.1 General: Provide resilient rubber wall base as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. ASTM D 2240 Rubber - 85 Shore A

2.1 Materials:

A. Manufacturer:
1. Johnsonite, Inc., (800) 899-8916, internet: www.johnsonite.com

B. Material:
1. Resilient Rubber Wall Base
a. .125" (3.17 mm) Thickness
b. "Black" color
c. 4" straight (toeless) or coved as specified on finish plan
d. Inside and outside corners with 4" returns.
2. Vinyl Wall Base (**Alternate only when approved by Arch PM and Chipotle DM**)

C. Setting Adhesive: Johnsonite 960 Acrylic Cove Base Adhesive

3.1 Installation:

A. Preparation: Clean substrate surfaces scheduled to receive resilient rubber and vinyl wall base thoroughly and remove all coatings that may impair bond. A uniform temperature of at least 65 degrees Fahrenheit shall be maintained for 24 hours before, during and after the installation is completed. The wall base and adhesives shall be conditioned in the same manner. Coiled wall base shall be uncoiled and lay flat for at least 24 hours at 65 degrees Fahrenheit prior to installation. Floor and walls shall be clean, dry, and free of dust, all paints, wallpaper, and all other foreign material, which may affect proper adhesive bonding. Wall base may be installed on interior plaster, gypsum wall board, concrete, masonry, mineral-reinforced cement board or similar porous surfaces. Wall base shall not be installed on surfaces that will be exposed to drastic temperature changes or moisture.

B. Application: Use a 1/8" square notch trowel to apply adhesive. Allow adhesive to set up and then apply wall base in accordance with manufacturer's instructions.

SECTION 09770 - SPECIAL WALL SURFACING - PHENOLIC INTERIOR WALL PANELS

1.1 General: Provide solid phenolic panels and accessories for interior walls and millwork as shown and specified.

1.2 Related Sections:

A. Section 05400 - Cold Formed Metal Framing

B. Section 06210 - Finish Carpentry and Millwork

C. Section 07900 - Joint Sealers

D. Section 09260 - Gypsum Board Systems

1.3 Standards: Materials and construction shall conform to the following:

A. ASTM D638 - 10 Standard Test Method for Tensile Properties of Plastics.

B. ASTM D790 - 10 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.

C. ASTM E84 - 12 Standard Test Method for Surface Burning Characteristics of Building Materials.

D. NEMA Standards Publication LD3-2005. High pressure decorative laminates.

1.4 Design/Performance Requirements:

A. Design and size of wall panel assemblies including wall panels, mounting system to support weight of panels.

B. Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on expected movement of material as defined in fabrication guidelines.

1.5 Quality Assurance:

A. Manufacturer's Qualifications:
1. Sufficient plant facilities to provide quality and quantity of materials as required without delaying progress of work.
2. Minimum of 40 years of experience in paper saturation of phenolic resin, and producing phenolic paper laminate.

B. Fabricator:
1. Fabricated by the manufacturer, and/or;
2. Contracted by the customer, minimum 5 years' experience in fabrication work for the size and complexity of the projects.

C. Installer
1. Proven professional installer with a minimum of 5 years of documented experience.
2. Approved by the manufacturer.

1.6 Delivery, Storage and Handling:

A. Refer to Section 01400 Quality Requirements.

B. Delivery: Deliver materials in manufacturer's original unopened containers/packages, with labels clearly identifying product name, manufacturer, color/texture and weight.

C. Storage:
1. Keep panels dry and stored indoors in original packaging until installation.
2. Store phenolic panels on a smooth, dry, flat surface, making sure there are no bends or bowing in the load.
3. Do not store directly on cold concrete floors as moisture may migrate.
4. Do not store under heating units or air conditioning units.
5. Keep load stored within outer wrap until use. Remove pallet straps once load is moved to storage area.
6. Reseal plastic wrap if partial load is used.
7. Keep foam dividers in place.

D. Handling:
1. Handle materials in accordance with manufacturer's instructions.
2. Protect materials during handling to prevent damage.
3. When moving sheets, lift evenly to avoid dragging panels across each other and scratching the surface. PLEASE TAKE CARE NOT TO SCRATCH THE SURFACE OF THE PANEL DURING HANDLING, MACHINING AND INSTALLATION.

1.7 Warranty:

A. Limited Warranty: Fiberesin warrants for a period of 10 years. Refer to www.stonewoodpanels.com for details.

1.8 Project Conditions:

A. Environmental Limitations: Buildings are to be fully enclosed prior to installation with sufficient heat (70 degrees) and ventilation consistent with good working conditions for finish work.

B. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

C. Field Measurements: Verify locations of structural members and wall opening dimensions by field measurements before composite wall panel fabrication and indicate field measurements on Shop Drawings.

2.1 Manufacturer:

A. Fiberesin Industries, Inc. PO Box 808, Oconomowoc, WI 53066. Phone: (262) 567-4427, Fax: (262) 567-4814, Web Site: www.stonewoodpanels.com Email: info@fiberesin.com

B. Made in the United States from materials sourced in the USA.

2.2 Application:

A. Apply Solid Phenolic Laminate Wall Panels at walls and other surfaces as indicated on the Drawings. Phenolic Wall Panels are architectural wall panels applied over a sheathed stud wall or other solid blocking per Drawings.

2.3 Interior Phenolic Wainscot:

A. Material: Solid phenolic laminate panel w/o overlay.
B. Color: Black ND
C. Finish: Matte
D. Standard Size: 48"x96"
E. Panel Thickness: 5/16", 1/2"
F. Panel Core: HR Black

2.4 Minimum Material Properties

A. NEMA Requirements:

Description	NEMA Requirements	
Dimensional Change:	3.11	
Length (Machine Direction)	0.3% Maximum	0.25%
Width (Cross Direction)	0.7% Maximum	0.50%
Density (PCF)	82	

B. Mechanical Properties:

PROPERTY	NEMA REQUIREMENTS	
Flexural Strength ASTM D-790		
MD (psi)	18,000	20,000
CD (psi)	12,000	16,000
Flexural Modulus ASTM D-790		
MD (psi)	1.6x10^6	2.0 x10^6
CD (psi)	1.4x10^6	1.5x10^6
Tensile Modulus ASTM D-638		
MD (psi)	18,000	18,000
CD (psi)	12,000	13,000

C. Fire Resistance:

	Class A (0.250")	Class B (0.250")
Flame Spread Index - ASTM E-84 (BLDG):	5	30
Smoke Developed Values - ASTM E-84 (BLDG):	5	105
Fire Rating (Standard Product is Class B):	A	B

D. Manufacturing Tolerance:

Thickness (.156 to .375)	± .020
Thickness (above .375 to 1.000)	± .030
CNC Shaped Size (Length - Width)	± .020
Drill Diameter	± .003
Drill Depth	± .020
CNC Hole to Hole	± .020
CNC Hole to Edge (1 Oper)	± .020
CNC Hole to Edge (2 Oper)	± .030
Routing - (Slots Width and Length)	± .015
Routing - (Slots Depth)	± .020

2.5 Accessories (Fasteners):

A. Panel Fasteners: #10 x 1-1/4" flat phillips head black oxide wood screws to be used with wood blocking and #10 x 1-1/4" flat phillips head black oxide sheet metal screws to be used with sheet metal blocking as recommended by the manufacturer.

B. Provide exposed fasteners with heads matching color of composite wall panels by means of factory-applied coating.

C. Fasteners shall by designed to withstand the effects of dead load and accommodate hygrothermal expansion/contraction of the panel.

D. Wall Panel Accessories: Provide components required for a complete composite wall panel assembly including trim, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of composite wall panels, U.N.O.

3.1 Manufacturer's Execution Instructions:

A. Compliance: Comply with manufacturer's/fabricator's/supplier's product data, handling and installation instruction/manual, shop drawings, shipping container/package ticket identification, etc.

3.2 Examination:

A. Verify correct panels received including dimension, tolerance, color/texture.
B. Verify correct attachment system received for the specific project/job.
C. Verify all the documents including shop drawing and installation guidelines.
D. Verify installation conditions are satisfactory to receive work of this section before the commencement
E. Verify substrate installation is complete, flat, and true to plane.
F. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.3 Preparation:

A. Field Measurements: Verify prior to fabrication and installation of the cladding panel.
B. Protect surrounding areas and surfaces to preclude damage during work of this section.
C. Lay out work before beginning installation as necessary for true, plumb and aligned panel installations.
D. Verify locations of joints and panel lengths.

3.4 Installation:

A. Conform to manufacturer's instructions and provisions of shop drawings.
B. Install to allow hydro-thermal expansion/contraction.
C. Use appropriate techniques/tools to work with the panel.
D. Do not force to fit, do not bend, stretch/compress.
E. Make cutting and fitting neat, square, and true. Where required cut, de-burr edges, and clean filings from adjacent surfaces.
F. Do not install damaged or questionable panels.
G. Install solid phenolic wall panels plumb and level and accurately spaced.
H. Anchor panels and other components of the work securely in place, with provisions for thermal and structural movement.
I. Shim or otherwise plumb substrates receiving composite wall panels.
J. Do not use construction adhesives to apply wall panels directly to substrates or wall board. Use mechanical fasteners only.

3.5 Erection Tolerances:

A. Shim and align composite wall panel units within installed tolerance of 1/4 inch in 20 feet, non-accumulative, on level, plumb, and location lines as indicated and within 1/8 inch offset of adjoining faces and of alignment of matching profiles.

3.6 Field Quality Control:

A. Manufacturer's Field Service: Provide field services to ensure product installation is in accordance with manufacturer's/fabricator's /supplier's instructions and installation manual, shop drawings etc.

3.7 Adjusting:

A. Correct identified defects and irregularities.
B. Replace damaged soiled, and discolored work.

3.8 Cleaning:

A. Leave installation clean and free from residue and debris from work of this Section.
B. Panels best cleaned with warm soapy water and rinsed with clear water; allowed to dry fully.

SECTION 09900 - PAINTS AND COATINGS

1.1 General: Provide paints and coatings as shown and specified.

A. Provide surface preparation, prime, intermediate and finish coatings for interior and exterior and existing scheduled surfaces and items.

B. Provide Tenant-selected finishes and colors for all exposed surfaces, unless otherwise indicated.

1.2 Related Documents:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this section.

1.3 Summary:

A. This section includes surface preparation and field painting of the following:
1. Exposed exterior items and surfaces.
2. Exposed interior items and surfaces.
3. Surface preparation, priming, and finish coats specified in this Section are in addition to shop priming and surface treatment specified in other Sections.

1.4 Quality Assurance:

A. Applicator Qualifications: Engage an experienced applicator that has completed painting system applications similar in material and extent to that indicated for this Project with a record of successful in-service performance.

B. Source Limitations: Obtain block fillers, primers and undercoat materials for each coating system from the same manufacturer as the finish coats.

C. Provide lead free prime and finish coatings. All top coatings shall be mold and mildew resistant.

1.5 Delivery, Storage and Handling:

A. Deliver materials to the Project Site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label, and the following information:
1. Product name or tile of material.
2. Product description (generic classification or binder type).
3. Manufacturer's stock number and date of manufacture.
4. Contents by volume, for pigment and vehicle constituents.
5. Thinning instructions.
6. Application instructions.
7. Color name and number.
8. VOC content

B. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 degrees F (7 degrees C). Maintain containers used in storage in a clean condition, free of foreign materials and residue.
1. Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily. Take necessary measures to ensure that workers and work areas are protected from fire and health hazards resulting from handling, mixing and application.

1.6 Project Conditions

A. Apply water-based paints only when the temperatures of surfaces to be painted and surrounding air temperatures are between 50 and 90 degrees F (10 and 32 degrees C) unless otherwise stated on the technical data bulletin.

B. Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 and 95 degrees F (7.2 and 35 degrees C).

C. Do not apply paint in snow, rain, fog, or mist, or when the relative humidity exceeds 85 percent, or at temperatures less than 5 degrees F (3 degrees C) above the dew point, or to damp or wet surfaces.
1. Painting may continue during inclement weather if surfaces and areas to be painted are enclosed and heated within temperature limits specified by manufacturer during application and drying periods.

2.1 Manufacturers:

A. Products: Subject to compliance with requirements, provide one of the products in the paint schedules.

B. Manufacturers Names: The following manufacturer is referred to in the paint schedule by use of shortened versions of the name, which is shown below:
1. PPG Industries, Inc.
2. Materials - No substitutions allowed.

2.2 Paint Materials, General

A. Material Compatibility: Provide block fillers, primers, undercoats, and finish-coat materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

B. Material Quality: Provide manufacturer's best-quality "professional" paint material of the various coating types specified. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

Colors: Color guided selected by Tenant and will be strictly adhered too, unless otherwise noted.

C. Exterior Coatings:

Exterior Ferrous Metals:

- Preparation: Remove all visible oil, grease, soil, rust and all other soluble contaminates from steel surface. Uniformly roughen surface with 150-grit paper. R ~~using~~ by the use of stiff bristle brush.
- Prime: (1) coat PPG; 4216PF Series Pitt Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mil
- Finish: (2) coats PPG; 4216PF Series Pit ~~Semi-Gloss DTM Industrial Enamels~~ (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
- Application: Conventional or HVLP (high volume low pressure)

Exterior and Interior Gas Piping:

- Preparation: Remove all visible oil, grease, soil, rust and all other soluble contaminates from pipe surface. Remove all dust before solvent cleaning by the use of stiff bristle brush.
- Prime: (1) coat PPG; 4216PF Series Pitt-Tech Plus Int/Ext DTM Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
- Finish: (2) coats PPG; 4216PF Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
- Application: Conventional or HVLP (high volume low pressure)

Exterior Patio Railing:

- Preparation: Remove all visible oil, grease, soil, loose paint, rust and all other soluble contaminates from steel surface. Remove all dust before solvent cleaning SSPC-SP1 by the use of stiff bristle brush. SSPC-SP3 may be required as a more aggressive preparation to remove loose mill scale, loose rust, loose paint and other loose detrimental foreign matter from the surface. Performance is better with more aggressive preparation.
- Prime: (1) coat PPG; 95-3300 Durathane DTM Urethane Mastic (250 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
- Finish: (1) coat PPG; 95-3300 Durathane DTM Urethane Mastic (250 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
- Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

NOT USED

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 4th STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
XXX	BLW	BJF

Project No.
030721

Contents:

ARCHITECTURAL SPECIFICATIONS

G016

Exterior Prefinished Metal Wall Panels:

- Preparation: Before applying primer or other surface treatments, clean galvanized metal surface to SSPC-SP1 that could impair bond of the various coatings. Remove oil, grease and soap film before priming use of Krud Kutter Metal Clean & Etch may be required on bare or new galvanized. Surface must be clean, dry and free of contaminants, including salt deposits. Additional prep may be needed to SSPC-SP2. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.
  Note: Some selected areas of bare concrete surfaces will require (1) coat of Perma Crete 4-603XI Alkali Resistant Concrete Primer before steel installation over all concrete surfaces.

Tenant Option 1:
- Prime: (1) coat XIM Primer Bond - Applied at a dry film thickness of not less than 1.5 to 2.0 mils.
- Finish: (2) coats PPG; 90-1110 Series Pitt-Tech Satin DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Tenant Option 2:
- Prime: (1) coat PPG; 97-245 Pitt-Guard DTR Epoxy Mastic Primer (263 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 7.0 mils.
- Finish: (2) coats PPG; 95-3300 Durathane Urethane Mastic (240 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Tenant Option 3 (Low VOC):
- Prime: (1) coat PPG; Amerlock 2 Fast Dry VOC Compliant Epoxy (84 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 6.0 mils.
- Finish: (2) coats PPG; Amershield VOC Aliphatic Urethane (84 g/L VOC): Applied at a dry film thickness of not less than 5.0 to 8.0 mils.

- Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Exterior Galvanized Metal:

- Preparation: Before applying primer or other surface treatments, clean galvanized metal surface to SSPC-SP1 that could impair bond of the various coatings. Remove oil, grease and soap film before priming use of Krud Kutter Metal Clean & Etch may be required on bare or new galvanized. Surface must be clean, dry and free of contaminants, including salt deposits. Additional prep may be needed to SSPC-SP2. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.
  Note: Some selected areas of bare concrete surfaces will require (1) coat of Perma Crete 4-503 Concrete Primer before steel installation over all concrete surfaces.

Tenant Option 1:
- Prime: (1) coat PPG; 6-209 SpeedHide Galvanized Metal Primer (400 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
- Finish: (2) coats PPG; 4216PF Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Tenant Option 2:
- Prime: (1) coat PPG; 97-245 Pitt-Guard DTR Epoxy Mastic Primer (263 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 7.0 mils.
- Finish: (2) coats PPG; 95-3300 Durathane Urethane Mastic (240 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Tenant Option 3 (Low VOC):
- Prime: (1) coat PPG; Amerlock 2 Fast Dry VOC Compliant Epoxy (84 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 6.0 mils.
- Finish: (2) coats PPG; Amershield VOC Aliphatic Urethane (84 g/L VOC): Applied at a dry film thickness of not less than 5.0 to 8.0 mils.

- Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Exterior CMU Primer:

- Preparation: Mortar should cure for at [illegible] days prior to priming. Fill block with an appropriate block filler. Surfaces previously painted with cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.
  Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding.
- Prime: (2) Coats PPG; Speedhide Interior/Exterior Masonry Hi Fill Latex Block Filler
- Application: Brush, Roll or Spray

Existing Stucco/EIFS Surfaces (including wet areas):

- Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions and/or scrapers. Allow to dry and sand all areas that need smoothing and dust off.
- Prime: (1) coat PPG; 4-603 Perma-Crete Alkali Resistant Primer (100 g/L VOC): Applied at a dry film thickness of not less than 1.2 to 1.9 mils.
- Finish: (2) coats PPG; 4-22 Perma-Crete Hi-Build Acrylic (100 g/L VOC): Applied at a dry film thickness of not less than 3.2 to 5.8 mils.
- Application: Airless spray with back roll using 3/4" nap roller.

Exterior Wood:

- Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions and or scrapers. Allow to dry and sand all areas that need smoothing and dust off.
- Prime: (1) coat PPG; 17-921 Seal Grip Primer Sealer (100 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
- Finish: (2) coats PPG; 70-501 Manor Hall Exterior Semi-Gloss or PPG Acri-Shield Semi-Gloss PP649 (50 g/L VOC): Applied at a dry film thickness of not less than 1.5 to 3.0 mils.
- Application: Brush, Roll or Spray

D. Interior Coatings:

Interior Metals (Doors, door frames, where indicated):

- Preparation: Remove all visible rust, oil, grease, soil and all other foreign substances with cleaning solutions and/or scrapers. Allow to dry and sand all areas that need smoothing and dust off.
- Prime: (1) coat PPG; 4020PF Series Pitt-Tech Plus Int/Ext DTM Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils. (Repaints only require spot prime on bare metal surfaces.)
- Finish: (2) coats PPG; V-50-410 Breakthrough Satin Sheen Acrylic (250 g/L VOC): Applied at a dry film thickness of not less than 1.4 to 2.0 mils.
- Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Metals (Metal Deck if indicated on Finish Plan):

- Preparation: Remove all visible rust, oil, grease, soil and all other foreign substances with cleaning solutions and allow to dry before priming.
- Prime: (1) coat PPG; 4020PF Series Pitt [illegible] Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mil [illegible]nted decking or to spot prime bare areas in decking.)
- Finish: (2) coats PPG; 90-1110 Pitt-Tech Plus Satin Acrylic (250 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
- Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Gyp. Bd.:

- Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions. Fill hairline cracks, holes and other defects with filler compatible with finish coats. Sand smooth all areas filled and/or areas to make a smooth overall finish.
- Prime: (1) coat PPG; 9-900 Pure Performance Acrylic Primer (0 g/L VOC): Applied at a dry film thickness of not less than 1.4 to 2.0 mils. (Spot prime required only on repaint projects.)
- Finish: (2) coats PPG Pure Performance Zero VOC Eggshell 9-500 Series as shown on finish plan: Applied at a dry film thickness of not less than 1.5 to 2.0 mils.
- Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Wood Trim and Plywood - Clear Polyurethane Finish:
(Plywood finishes shall be shop applied in a controlled environment)

- Shop Preparation: Scuf
- Shop Finish: (2) coat, M [illegible]rnish, Clear Dull Sheen
- Application: Spray
- Field Preparation: Aft [illegible] sand lightly. Scuff sand between coats.
- Field Finish: (2) coat, ML Campbell High Performance Pre-Cat Lacquer, Clear Dull Sheen
- Application: Wipe on with t-shirt rag.

WHERE	WHAT	COLOR	SHEEN	TAG
Exterior Galvanized Metal and Prefinished Metal Wall Panels	PPG Pitt-Tech Plus Satin Acrylic Finish 90-1110 Series	PPG 1001-6 "Knight's Armor"	Satin	NA
Exterior (Roof Mounted) Gas Piping	PPG Pitt-Tech Plus Semi-Gloss Acrylic Finish 4216 Plus HP Series	Yellow	Semi-Gloss	NA
Exterior and Interior Gas Piping, Where Exposed	PPG Pitt-Tech Plus Semi-Gloss Acrylic Finish 4216 Plus HP Series	Match Surrounding Finishes/Verify with Architect	Semi-Gloss	NA
Exterior CMU Primer	PPG Speedhide Interior/Exterior Masonry Hi-Fill Latex Block Filler	White	Flat	NA
Exterior CMU	PPG Pitt-Tech Plus Semi-Gloss Acrylic Finish 4216 Plus HP Series	PPG 1001-6 "Knight's Armor"	Semi-Gloss	NA
Exterior Ferrous Metals	PPG Pitt-Tech Plus Semi-Gloss Acrylic Finish 4216 Plus HP Series	PPG 1001-6 "Knight's Armor"	Semi-Gloss	NA
Exterior Wood	PPG Manor Hall Acri-Shield Gloss 70-501 Series or PPG Acri-Shield Acrylic Semi-Gloss PP649 Series	PPG 1001-6 "Knight's Armor"	Semi-Gloss	NA
Exterior Stucco and EIFS Patio and Wet Areas	PPG Perma-Crete High Build Acrylic Topcoat 4-22 Series	PPG 1001-6 "Knight's Armor"	Flat	NA
Exterior Stucco and EIFS Patio and Wet Areas (Alternate)	PPG Perma-Crete High Build Acrylic Topcoat 4-22 Series	PPG 1010-2 "Fog"	Flat	NA
Interior Doors, Door Frames, Rails and Rail Frames, Where Specified	PPG Breakthrough 250 Acrylic Satin V50-410 Series	PPG V51-90 Black	Satin	D1
Interior Ferrous Metals, Where Specified	PPG Breakthrough 250 Acrylic Eggshell V50-410 Series	PPG 1013-5 "Victorian Pewter"	Eggshell	NA
Dining Room and Hallway Gyp. Bd.	PPG Pure Performance Zero VOC Semi-Gloss 9-500 series or PPG Hi-Hide Semi-Gloss 82-500 / PP109 Series Semi-Gloss	PPG 1041-1 "Moonlit Snow"	Semi-Gloss	P1
Dining Room and Hallway Gyp. Bd.	PPG Pure Performance Zero VOC Semi-Gloss as indicated on Finish Plan	PPG 1001-3 "Thin Ice"	Semi-Gloss	P4
Dining Room and Hallway Gyp. Bd.	PPG Pure Performance Zero VOC Eggshell as indicated on Finish Plan	PPG 1001-3 "Thin Ice"	Eggshell	P3
Dining Room and Hallway Gyp. Bd. Ceiling	PPG Pure Performance Zero VOC Flat 9-100 Series or PPG Speedhide 6-4110XI Flat	PPG 1041-1 "Moonlit Snow"	Flat	C3
Behind Slat Wall Gyp. Bd.	PPG Pure Performance Zero VOC Semi-Gloss 9-500 series or PPG Hi-Hide Semi-Gloss 82-500 / PP109 Series Semi-Gloss	PPG 1058-7 "Autumn Ridge"	Semi-Gloss	P8
Restroom, Cooking, Kitchen and Serving Area Gyp. Bd. Ceiling/Soffit	PPG Pure Performance Zero VOC Eggshell 9-500 Series	PPG 1041-1 "Moonlit Snow"	Eggshell	C3
Interior Metal Roof Deck and Metal Columns	PPG Pitt-Tech Plus Satin Acrylic Finish 4216 Series	PPG 1013-5 "Victorian Pewter"	Satin	C1
Patio Railing	Durethane DTM Urethane 95-3300 Series	PPG 1001-6 "Knight's Armor"	Gloss	NA

3.1 Installation:

A. Examination:
1. Verify that site environmental conditions are appropriate for application of coatings specified.
2. Immediately prior to coating application, ensure that surfaces to receive coatings are dry.
3. Ensure that moisture-retaining substrates to receive coatings have moisture content within tolerances allowed by coating manufacturer, using moisture measurement techniques recommended by coating manufacturer.
4. Immediately prior to coating application, examine surfaces to receive coatings for surface imperfections and for contaminants which could impair performance or appearance of coatings, including but not limited to, loose primer, rust, scale, oil, grease, mildew, algae, or fungus, stains or marks, cracks, indentations, or abrasions.
5. Correct the above conditions and any other conditions which could impair performance or appearance of coatings in accordance with specified surface preparation procedures before proceeding with coating application.

B. Preparation:
1. Do not start work until surfaces to be finished are in proper condition to produce finished surfaces of uniform, satisfactory appearance.
2. Stains and Marks: Remove completely, if possible, using materials and methods recommended by coating manufacturer, seal with shellac or other coating acceptable to paint manufacturer stains and marks that might bleed through paint finishes which cannot be completely removed.
3. Remove or protect hardware, electrical plates, mechanical grilles and louvers, lighting fixture trim, and other items not indicated to receive coatings which are adjacent to surfaces to receive coatings.
4. Remove mildew from impervious surfaces by scrubbing with solution of disodium phosphate and bleach. Rinse with clean water and allow substrate to thoroughly dry.
5. For specific substrate preparation, see individual specifications.
6. Provide necessary staging, ladders, shield, protective coverings and drop cloths. Protect floors, walls and adjacent work and materials. Remove and properly replace temporary protection and coverings removed from any part of the work or finish. Repair damage at Contractor's expense.

C. Application:
1. General: Mix, prepare and apply paint according to manufacturer's written instructions.
   a. Use applicators and techniques best suited for substrate and type of material being applied.
   b. Do not apply high-performance coatings over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to forming a durable coating film.
   c. Coating surface treatments, and finishes are indicated in the coating system descriptions.
   d. Provide finish coats compatible with primers used.
   e. The term "exposed surfaces" includes areas visible when permanent or built-in fixtures, convector covers, grilles, covers for finned-tube radiation, and similar components are in place. Extend coatings in these areas, as required, to maintain system integrity and provide desired protection.
2. Application Procedures: Apply coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions.
   a. The number of coats and film thickness required is the same regardless of application method.
   b. Completed Work: Match approved Samples for color, texture, and coverage. Remove, refinish, or recoat work that does not comply with specified requirements as directed by Tenant. Paints and coatings work is subject to acceptance by the Tenant.
   c. Keep brushes and rollers clean, free from contamination and suitable for the finish required.
   d. Unless otherwise indicated, allow exterior paints to dry for 48 hours and interior paints to dry for 24 hours between coats.
   e. Sand lightly and remove dust between coats to achieve required finish.
   f. Finished surfaces shall be uniform in finish and color and free of brush marks, sagging, holidays, corduroy and other imperfections. Coverage and hide shall be complete.
   g. Edges of paint or finish adjoining other materials or colors shall be sharp and clean without overlapping. Cut paint in neatly around glass or other edges.
   h. Paints and coatings work is subject to acceptance by the Tenant. Correct unsatisfactory work not complying with these specifications as directed by the Tenant.

D. Cleaning:
1. After completing painting, clean glass and paint spattered surfaces. Remove spattered paint by washing and scraping without scratching or damaging adjacent finished surfaces.

E. Protection:
1. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Architect / Tenant.
2. Provide "Wet Paint" signs to protect newly painted finishes. After completing painting operations, remove temporary protective wrappings provided by others to protect their work.
3. After work of other trades is complete, touch up and restore damaged or defaced painted surfaces.

F. Maintenance: Furnish extra paint materials from the same production run as the materials applied in the quantities described below. Package paint materials in unopened, factory-sealed containers for storage and identify with labels describing contents. Deliver extra materials to the Tenant.
1. Provide one gallon of paint and wood stain of each type and color required for maintenance purposes. Provide original, unopened, labeled containers with color samples and a list of project use.

DIVISION 10 - SPECIALTIES

SECTION 10522 - PORTABLE FIRE EXTINGUISHERS

1.1 General: Provide portable fire extinguishers as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. NFPA 10 Standard for Portable Fire Extinguishers.

2.1 Materials:

A. Provide minimum 10 lb. capacity fire extinguishers in quantity and type complying with local code and fire regulations requirements.
1. Provide new fire extinguishers fully loaded, tested, UL and FM labeled and listed and ready for use.
2. Provide manufacturer's recommended mounting brackets and hardware.

3.1 Installation:

A. Install fire extinguishers in accordance with manufacturer's installation instructions, at heights and locations acceptable to the local fire regulations enforcement authority

SECTION 10700 - EXTRUDED ALUMINUM CANOPY

1.1 General: Provide canopies as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. AWS, D1.1 - Structural Welding Code - Steel
2. AAMA, Aluminum Finishes AAMA 2604 (FGIA 2604) - Powder Coat

B. Quality Assurance
1. Shop Drawings: To be created under the guidance of a professional engineer. Site Specific stamped drawing may be required by the manufacturer based on location. Drawings must indicate size, material and finish. Include plan, elevations and sections to clearly outline the canopy locations. Include installation procedures, details of joints, attachments and clearances.
   a. Submit within 15 days after contract award.
2. Color charts showing manufacturer's full range of colors from standard line including Chipotle's custom "charcoal" color match to prototypical window mullion system.

2.1 Manufacturers:

A. Architectural Fabrication, Inc. - Manufacturer is located at 2100 E. Richmond Avenue, Fort Worth, TX 76104. P: (800) 962-8027. E: chipotle@arch-fab.com, W: www.arch-fab.com
B. Substitutions are acceptable assuming they comply with this specification, are submitted based on Quality Assurance and Division1 - Section 01100 requirements and have minimum 10 years experience, and only when approved by Arch PM and Chipotle DM.
1. Awnex, Contact: Katie Dicks, P: 770-704-7140 x151, E: katie@awnexinc.com
2. Uni-Structures, Contact: Dana Fredericks, P: 678-974-1773
3. API, Contact: Jade Moore-Esposito, P: 813-925-0134, E: jesposito@americanproducts.com

2.2 Materials:

A. Specifications are based on Architectural Fabrication, Inc. - Helix Canopy Patent #9,976,310
1. Framing: Gutter fascia, tube, angles: 6063-T6 alloy extruded aluminum. Gutter to be notched in the back to allow steel support arms to pass through.
2. Decking: Extruded aluminum 8" wide deck pan in 6063-T6 or 6063-T5 alloy (Roll form is not acceptable)
3. Steel Support Arms: 3" x 3" x .250" Steel tube support arms w/ 8" w x 5"h x 1/2" thick steel plate welded to the back. Must manufacture steel arm in manner to leave room for LED enclosure at back of canopy.
4. Hardware and Fasteners: Nuts, bolts, washers, clevis pins, screws, anchors and pipe spacers to be zinc plated or galvanized steel required to suit application and per pre-engineered canopy load requirements. Typical wall anchors are minimum Yi" diameter. Touch up paint must be provided for each canopy to allow for potential repairs in the field.
5. Flashing: Shall be minimum 0.040-inch aluminum, fabricated to prevent leakage and sealed with Novaflex metal roof sealant in custom color match. Another equivalent sealant is acceptable.
6. LED Enclosure: Each canopy is to have a preformed aluminum LED enclosure along the back edge of the canopy finished in the same powder coat as the canopy. 1" nominal inside width, and a minimum aluminum sheet thickness of .063".
7. Scuppers: Drainage for canopy is (2) aluminum scuppers located at the front of the canopy per drawings. See finish below for details.
8. Finish: All aluminum shall be powder coat finish per FGIA 2604 (aka AAMA 2604). Steel shall be commercially blasted, then coated with a zinc rich primer, and finally the top coat of super polyester powder (2604 compliant) applied.

3.1 Installation:

A. Install canopies per manufacturer's written instructions and videos, and as indicated on architectural drawings
B. Locate and place canopies level, plumb and at indicated alignment with adjacent work.
C. Use concealed anchors where possible.
D. Repair damaged finishes so no evidence remains of corrective work. Return items to the factory that cannot be refinished in the field. Make required alterations and refinish entire unit or provide new units.
E. Protect galvanized and nonferrous-metal surfaces from corrosion or galvanic action by applying a coating of bituminous paint or elastomeric coating on surfaces that will be in contact with concrete, masonry or dissimilar metals.

DIVISION 11- NOT APPLICABLE

DIVISION 12- FURNISHINGS

SECTION 12495 - WINDOW SHADES

1.1 General: Provide window shades as shown and specified.

A. Standards: Shade fabric material shall meet the requirements of the following:
1. NFPA 701 Flame Test and California US Title 19 for flame retardant materials.

B. Field measure window openings and verify installation conditions prior to window shade fabrication

C. Warranty:
1. 5 years against defects in materials and workmanship.
2. 1 year for service call repairs and adjustments.

2.1 Materials:

A. Manufacturer: Insolroll Window Shading Systems, Inc. (800) 447-5534, internet www.insolroll.com

B. Window Shades: Insolroll 2000 Solar Screen Shades, manual operation.
1. Solar Screen Shade Fabric: Insolroll woven fiberglass yarn, 5% openness, Charcoal/Bronze color.
2. Provide manufacturer's recommended mounting brackets and hardware.

C. Fabrication: Unless otherwise indicated, fabricate window shade units to completely fill existing window openings from jamb to jamb and from head to 42" AFF or the nearest horizontal mullion from 40"-44" AFF.
1. Adjustment system controlled by plastic bead chain on polyester cord. Multi-banded steel spring clutches keep shade in desired position.
2. Roller tube 2" extruded aluminum, sized to minimize deflection.
3. Fabric attached to roller tube using two-sided adhesive tape.
4. Fabric bottom hem RF heat sealed pocket with enclosed hem bar.

3.1 Installation:

A. Install window shades level and plumb in accordance with manufacturer's installation instructions and drawing details. Provide units securely anchored in place with recommended hardware and accessories to provide smooth operation without binding.

DIVISIONS 13 - 14 - NOT APPLICABLE

NOT USED
NOT USED
NOT USED
NOT USED
NOT USED
NOT USED

Consultant:
HARLAN R. FAUST
ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

1	

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

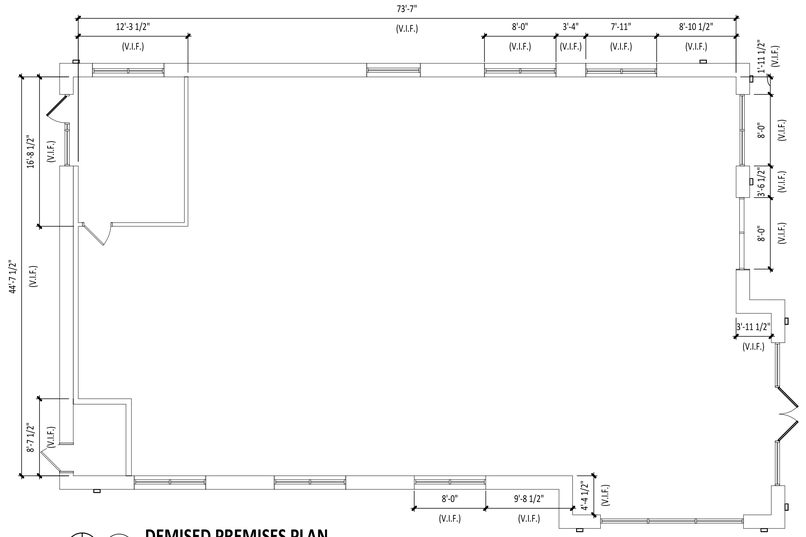
Project No.
030721

Contents:
ARCHITECTURAL SPECIFICATIONS

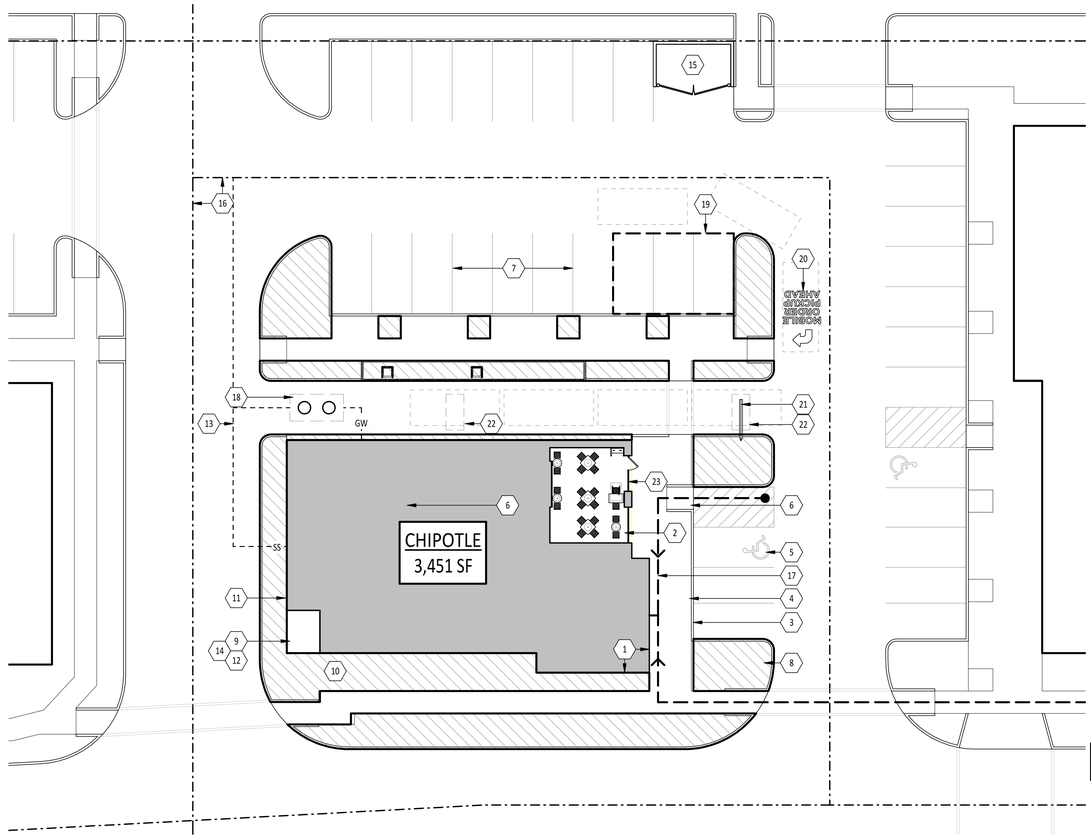
G017

BUILDING	PARCEL ID.	USE	GSF	GROSS TENANT AREA	SEATS	PARKING CALC.	PARKING PROVIDED	PARKING REQUIRED
SAFEWAY	400 303 0101	SALES, LEVEL 1	63,700			1/300	209	212.33
SAFEWAY FUEL KIOSK	400 303 0121	SALES, LEVEL 1	775			1/300		2.58
KOHL'S	400 303 0031	SALES, LEVEL 1	55,115			1/300	194	183.72
MICHAELS	400 303 0021	SALES, LEVEL 1	19,859			1/300	53	66.2
BUILDING B	400 303 0061		10,696				33	
B100-B200-DOMO SUSHI		RESTAURANT		2,288	64	/3		21.33
B300-OLYMPIC MODERN DENTISTRY		MEDICAL		3,412		1/250		13.65
B500-GREAT CLIPS		PERSONAL SERVICES		979		1/300		3.26
B600 - MILKVUE DONUTS & COFFEE		PERSONAL SERVICES		1,100		1/300		3.67
B700-B800-LUNCHBOX LAB		RESTAURANT		3,634	122	/3		40.67
B700-B800 - LUNCHBOX LAB MEZZ		RESTAURANT		677		/3		
BUILDING D	400 303 0070		6,128				20	
D100 - MENCHIES		RESTAURANT		1,608	50	/3		16.67
D200 - DRY CLEANERS		PERSONAL SERVICES		717		1/300		2.39
D300 - PHO EVER		RESTAURANT		1,677	52	/3		17.33
D400 - JERSEY MIKE'S		RESTAURANT		1,376	26	/3		8.67
RETAIL E	400 303 0051		9,546				42	
E100 - JOHN L SCOTT		SALES, LEVEL 1		4,193		1/300		13.98
E200 - JOHN L SCOTT		SALES, LEVEL 1				1/300		
E300 - JOHN L SCOTT		SALES, LEVEL 1				1/300		
E400 - FIRST AMERICAN TITLE INSURANCE		BUSINESS SERVICES		1,398		1/300		4.66
E500 -BELLA NAILS		PERSONAL SERVICES		1,395		1/300		4.65
E600-700 - CASCADE EYE		MEDICAL		3,560		1/250		14.24
E600-700 - CASCADE EYE MEZZ		MEDICAL		805		1/250		3.22
RETAIL F	400 303 0041		8,781				38	
F100 - VACANT		BUSINESS SERVICES		1,577		1/300		5.26
F200-F300 – ATI PHYSICAL THERAPY		PERSONAL SERVICES		2,615		1/300		8.72
F400 - DESERT SUNTAN		BUSINESS SERVICES		1,791		1/300		5.97
F500-F600 - ORANGE THREORY FITNESS		PERSONAL SERVICES		2,945		1/300		9.81
PAD 1 - CHIPOTLE		RESTAURANT	3,440		74	/3	13	24.66
PAD 1 - CHIPOTLE DRIVE THRU						1/ 2 EMPLOYEES		2
PAD 2 - APPLEBEES	400 303 0090	RESTAURANT	4,972		186	/3	27	62
BANK OF AMERICA	400 303 0130	BUSINESS SERVICES	4,342			1/300	24	14.47
FUTURE MEZZANINES		SALES, LEVEL 1	0			1/300	24	0
TOTAL (LESS B of A area)			187,353				656	749.64
TOTAL ALL USES IN BSP			191,695				680	764.11
RESTAURANT/CAFÉ TOTAL			19,672		568			
OTHER								
PAD 3- FUEL PUMPS			6 MPDS					3
CART RETURNS IN PARKING STALS			0					3
SITE TOTALS (EXCLUDING B OF A SITE)			187,353				656	755.64

REQ'D PARKING NET				755.64
OUTDOOR COMMON AREA REDUCTION	10% GSF	18,735.30	OCA/200	93.765
JOINT USE PER GHMC 17.72.080	OFF PEAK: BLDG. B MEDICAL USE FOR APPLEBEE'S (APPROVED 10-12-21)			6.825
TOTAL PARKING REQ'D AFTER CA CREDITS AND JOINT USE PARKING				655.05
ROUND UP				656
TOTAL PARKING PROVIDED				656



2 SP100 **DEMISED PREMISES PLAN**
1/8" = 1'-0"
NORTH



1 SP100 **ARCHITECTURAL SITE PLAN**
1/16" = 1'-0"
NORTH

SITE GENERAL NOTES

A. ALL SITE WORK INCLUDING PAVING, CURBING, PARKING, PARKING LOT LIGHTING, SIDEWALKS, LANDSCAPING, AND TRASH & RECYCLING ENCLOSURE ARE EXISTING, U.N.O.

B. STENCILS FOR PARKING MARKINGS AVAILABLE FROM PAVEMENT STENCIL COMPANY, PHONE: (800) 250-5547, EMAIL: STENCILS@PAVEMENTSTENCIL.COM

C. PREFERRED MAILBOX SPECIFICATION IS BOLD MFG & SUPPLY, THE DEXTER MAILBOX - CLASSIC

D. ALL EXISTING LANDSCAPING TO REMAIN. CONSTRUCTION WORK IS TO TAKE PLACE INSIDE THE EXISTING BUILDING. IN THE EVENT THE GC MUST PREFROM WORK OUTSIDE, THEY SHALL PROTECT THE LANDSCAPING PER GHMC 17.78.092. IF ANY LANDSCAPING IS DAMAGE BEYOND REPAIR, GC SHALL REPLACE TO CURRENT CONDITION. IF TREES ARE REMOVED, REPLACEMENT SHALL ADHERE TO GHMC 17.99.240(E): TREES REQUIRED TO BE RETAINED PURSUANT TO THIS TITLE OF A LAND USE APPROVAL AND ARE SUBSEQUENTLY REMOVED OR DAMAGED, THE SHALL BE REPLACED BY AT LEAST ONE AND ONE-HALF TIME THE TREE DIAMETER REMOVED.

DEMISED PREMISES NOTES

D. TAKE PHOTOS OF THE INTERIOR OF THE DEMISED SPACE IMMEDIATELY AFTER DEMOLITION, PRIOR TO THE START OF CONSTRUCTION AND SEND TO THE ARCHITECT FOR REVIEW. ANY STRUCTURE, PIPING, CONDUIT ETC. THAT IMPACT CONSTRUCTION OF THE SPACE OR MAY BE UNSIGHTLY IF EXPOSED IS OF PARTICULAR INTEREST.

E. IMMEDIATELY FIELD MEASURE TENANT SPACE @ THE START OF CONSTRUCTION TO CONFIRM OVERALL DIMENSIONS MATCH THIS PLAN. NOTIFY ARCHITECT IMMEDIATELY IF DIFFERENT.

F. ENSURE THAT ALL EXTERIOR WALLS HAVE STUDS, INSULATION, AND GYP. BD. TO MEET THE WORK LETTER. NOTIFY ARCHITECT IMMEDIATELY IF DIFFERENT.

G. ALL DIMENSIONS TO EXISTING WALLS ARE TO THE INSIDE FACE OF GYP. BD. OR STUD, WHICHEVER IS EXISTING.

KEY NOTES (X)

1. LIMITS OF NEW CONSTRUCTION
2. PATIO AREA, REFER TO SITE DETAILS
3. CONCRETE CURB, TYP.
4. CONCRETE SIDEWALK, TYP.
5. ACCESSIBLE PARKING & SIGNAGE, TYP.
6. ACCESSIBLE RAMP
7. PARKING STRIPING, TYP.
8. LANDSCAPING, TYP.
9. ELECTRICAL SWITCHGEAR & METER
10. WATER METER
11. GAS METER & MANIFOLD
12. FIRE RISER AND FIRE ALARM ROOM
13. SANITARY SEWER LINE
14. ROOF ACCESS LADDER
15. TRASH & RECYCLING ENCLOSURE
16. PROPERTY LINE
17. ACCESSIBLE PATH OF TRAVEL
18. NEW GREASE INTERCEPTOR, TOP WITH CONCRETE TO MATCH SHOPPING CENTER
19. PICK-UP SPACE W/ NEW SIGNAGE, REFER TO SITE DETAILS, TYP. OF 3
20. NEW WHITE PAVEMENT STENCIL
21. NEW CLEARANCE BAR, REFER TO TSV SHOP DRAWINGS
22. NEW LOOP DETECTOR, REFER TO ELECTRICAL DRAWINGS
23. NEW PATIO RAILING, REFER TO ARCHITECTURAL SITE DETAILS

SITE COVERAGE

EXISTING SITE AREA:	20,113 SF
EXISTING BUIDING AREA:	± 3,870 SF
EXISTING IMPERVIOUS AREA:	± 12,945 SF
EXISTING LANDSCAPING:	± 3,298 SF
EXISTING BUILDING PERCENTAGE:	± 19.24 %
EXISTING IMPERVIOUS PERCENTAGE:	± 64.36 %
EXISTING LANDSCAPING PERCENTAGE:	± 16.4 %

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:	
07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

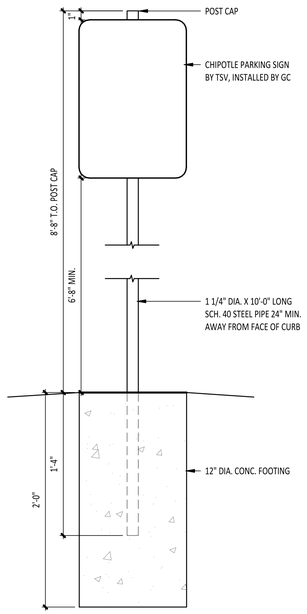
Revisions:		
1	07/07/2021	PLANNING INTAKE
5	10/28/2021	PLANNING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

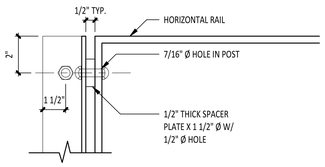
Project No.
030721

Contents:
ARCHITECTURAL SITE PLAN

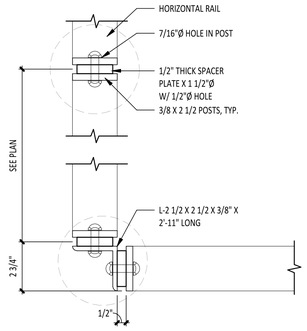
SP100



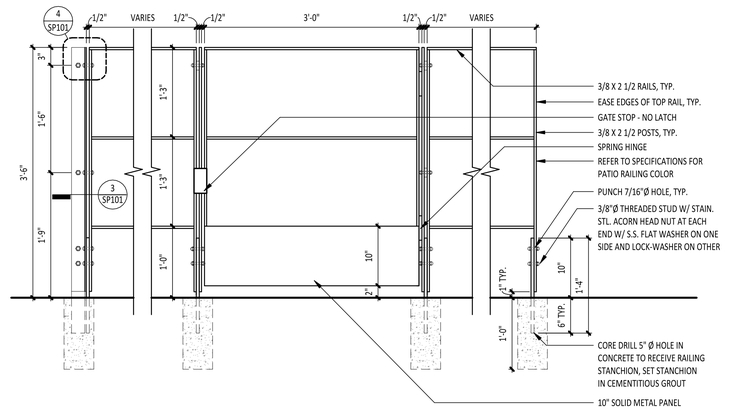
6 SP101 **PARKING SIGNAGE DETAIL**
1 1/2" = 1'-0"



4 SP101 **RAILING CORNER SECTION DETAIL**
3" = 1'-0"



3 SP101 **RAILING CORNER PLAN DETAIL**
3" = 1'-0"



1 SP101 **RAILING MOUNTING**
1" = 1'-0"

Consultant:
HARLAN R. FAUST
ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Q" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED
ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

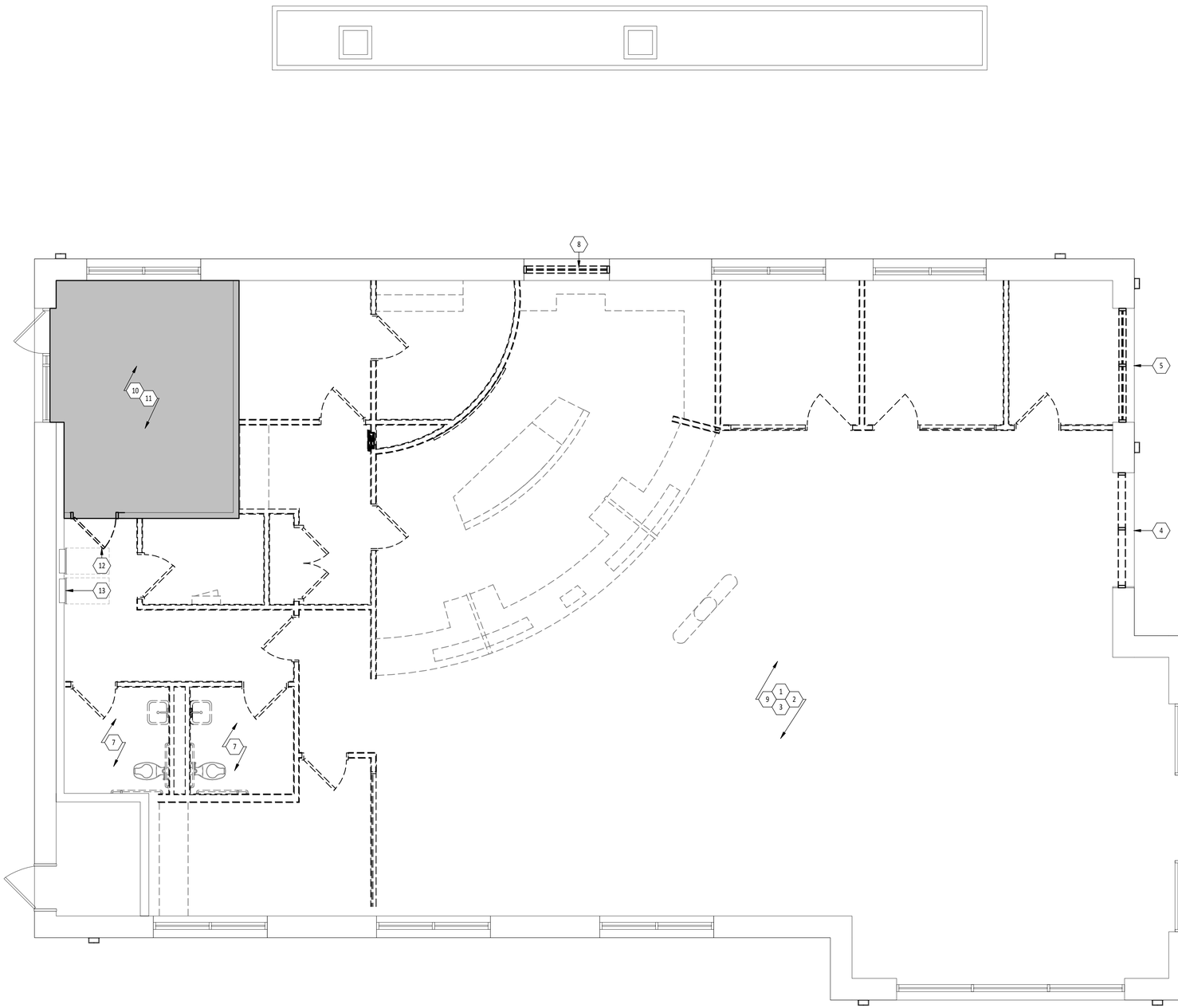
Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
ARCHITECTURAL SITE DETAILS

SP101



DEMOLITION FLOOR PLAN
1/4" = 1'-0"
NORTH

DEMOLITION GENERAL NOTES

A. DEMOLISHED MATERIALS SHALL BECOME THE GENERAL CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE WITH FURTHER DISPOSITION AND RECYCLED BY THE GENERAL CONTRACTOR'S OPTION, U.N.O.

B. SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING SELECTIVE DEMOLITION.

C. PERFORM SURVEYS AS THE WORK PROGRESSES TO DETECT HAZARDS RESULTING FROM SELECTIVE DEMOLITION.

D. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.

E. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. REMOVE & TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE.

F. PROVIDE TEMPORARY WEATHER PROTECTION, DURING INTERVAL BETWEEN DEMOLITION, REMOVAL OF EXISTING EXTERIOR CONSTRUCTION AND NEW CONSTRUCTION TO ENSURE THAT NO WATER DAMAGE OCCURS TO STRUCTURE OR INTERIOR AREAS.

G. TOTAL SCOPE OF DEMOLITION MAY NOT BE COVERED ON THIS SHEET. REVIEW ALL SHEETS IN THIS DRAWING SET TO DETERMINE TOTAL SCOPE OF DEMOLITION.

H. REMOVE & TRANSPORT DEBRIS IN A MANNER TO PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.

I. TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM.

J. CLEAN ALL HORIZONTAL SURFACES OF ACCUMULATED DUST AND DEBRIS.

K. ALL DEMOLITION ITEMS ON THIS SHEET TO BE PERFORMED BY CHIPOTLE'S GENERAL CONTRACTOR, U.N.O.

L. COORDINATE ALL DEMOLITION ACTIVITY WITH BUILDING OWNER'S REPRESETATIVE. SOME DEMOLITION ACTIVITIES MAY BE REQUIRED TO BE PERFORMED ON PREMIUM TIME.

M. TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL ADJACENT AND REMAINING BUILDING COMPONENTS.

N. EXISTING FOUNDATIONS TO BE PROTECTED AND UNDISTURBED. U.N.O.

O. CAREFULLY DISASSEMBLE/DISCONNECT AND STORE ALL SALVAGED ITEMS, INCLUDING BUT NOT LIMITED TO LINES, ELECTRICAL PANELS, MAIN COPPER CONDUIT, ETC. IN A SECURE LOCATION FOR POSSIBLE REUSE.

P. IDENTIFIED SELECTIVE DEMOLITION IS FOR REFERENCE ONLY. ADDITIONAL DEMOLITION MAY BE REQUIRED TO ACCOMMODATE NEW LAYOUT. ALL DIMENSIONS SHOWN SHOULD BE VERIFIED IN THE FIELD.

Q. MAINTAIN EXISTING SPRAY-ON FIREPROOFING OF EXISTING STRUCTURE AND FIRE RATED ASSEMBLIES. ANY COMPROMISE OF EXISTING FIRE RATING SHALL BE PATCHED AND REPAIRED TO ORIGINAL CONDITION.

R. ANY EXISTING FINISHED SURFACES TO REMAIN THAT ARE AFFECTED BY SELECTIVE DEMOLITION SHALL BE PATCHED TO MATCH EXISITNG ADJACENT SURFACES UNLESS CONCEALED BY NEW CONSTRUCTION.

S. UTILITIES ABANDONED SHALL BE REMOVED AND CAPPED BEHIND FINISHED SURFACES.

T. IN SHARED SPACES WITH OTHER TENANTS, SEAL ALL INTAKE AND EXHAUST AIR PRIOR TO DEMOLITION.

U. ALL EXISTING EXTERIOR DOORS, FRAMES, AND STOREFRONT TO REMAIN, U.N.O.

V. UPON REMOVAL OF ALL EXISTING FLOOR FINISHES SURVEY EXISTING SLAB AND PROVIDE PATCHING AND/OR FIRESTOPPING AS REQUIRED FOR PROPER SEAL AND AS REQUIRED BY CODE.

W. UPON REMOVAL OF ALL EXISTING CEILING FINISHES, SOFFITS, ETC. SURVEY EXISING DECK FOR PENETRATIONS AND PATCH AND/OR FIRESTOP FOR PROPER SEAL AND AS REQUIRED BY CODE.

X. SCOPE EXISTING SANITARY LINES PRIOR TO PREPARING FOR NEW CONNECTIONS.

DEMOLITION LEGEND

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE DEMOLISHED

KEY NOTES (X)

1. REMOVE EXISTING PARTITION WALLS, DOORS AND MILLWORK COMPLETELY, UNLESS NOTED OTHERWISE
2. REMOVE EXISTING DROP CEILINGS, SOFFITS, DIFFUSERS, DUCT WORK AND LIGHT FIXTURES IN THEIR ENTIRITY, UNLESS NOTED OTHERWISE
3. REMOVE EXISTING FLOORING AND PREPARE AS REQUIRED FOR NEW CONSTRUCTION, TAKE PRECAUTION NOT TO DAMAGE EXISTING SLAB
4. REMOVE EXISTING STOREFRONT AND WALL BELOW, LEAVE OPENING
5. REMOVE EXISTING INFILL WALL AT PREVIOUS ATM LOCATION, LEAVE OPENING
6.
7. REMOVE PLUMBING FIXTURES AND CAP DRAINS, AS REQUIRED FOR NEW CONSTRUCTION
8. REMOVE EXISTING WINDOW PREPARE FOR NEW PASS-THRU WINDOW
9. REMOVE EXISTING HVAC EQUIPMENT, PATCH AS REQUIRED FOR NEW CONSTRUCTION
10. EXISTING BREAK ROOM TO REMAIN, LEAVE PARTITION WALLS AND MILLWORK
11. EXISTING BREAK ROOM' LEAVE CEILING, DIFFUSERS, DUCT WORK, AND LIGHT FIXTURES. CONNECT TO NEW HVAC & ELECTRICAL SYSTEM
12. REMOVE INTERIOR DOOR, PREPARE FOR NEW DOOR
13. EXISTING ELECTRICAL PANNELS TO REMAIN

Consultant:

HARLAN R. FAUST ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:	
07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:	
5 10/28/2021	PLANNING COMMENTS

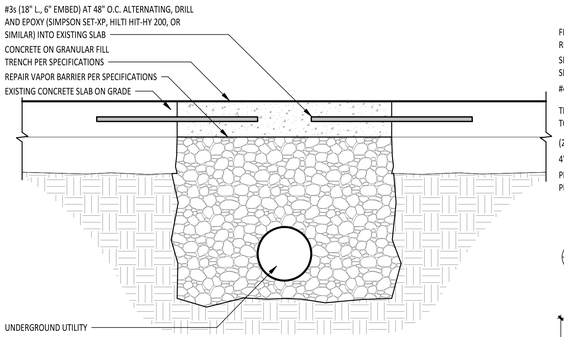
Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

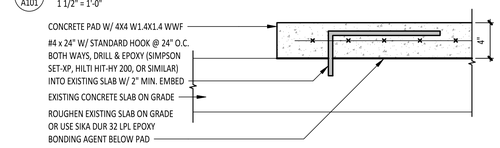
Contents:

DEMOLITION PLAN

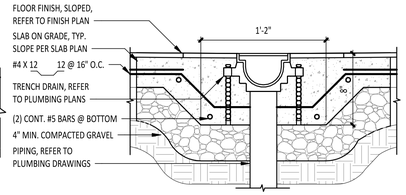
D101



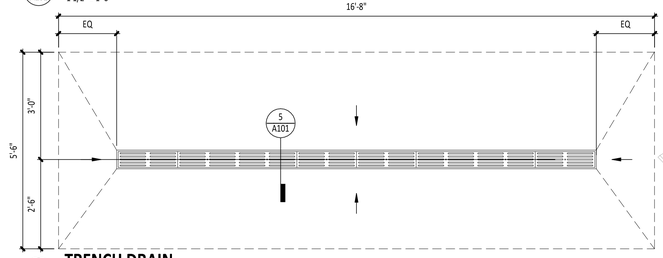
6 A101 UNDERSLAB UTILITY
1 1/2" = 1'-0"



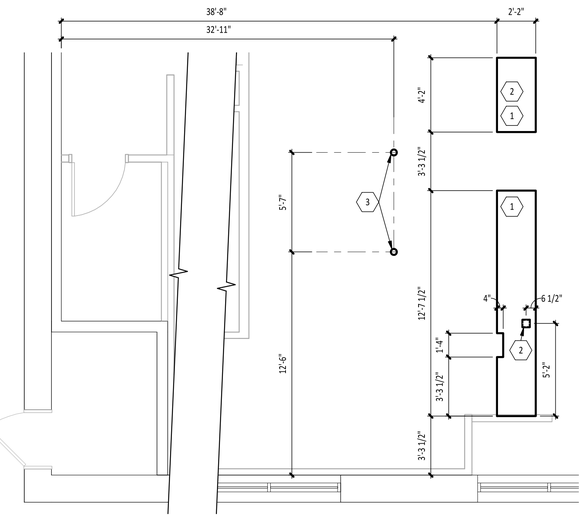
4 A101 CONCRETE PAD
1 1/2" = 1'-0"



5 A101 TRENCH DRAIN
1 1/2" = 1'-0"

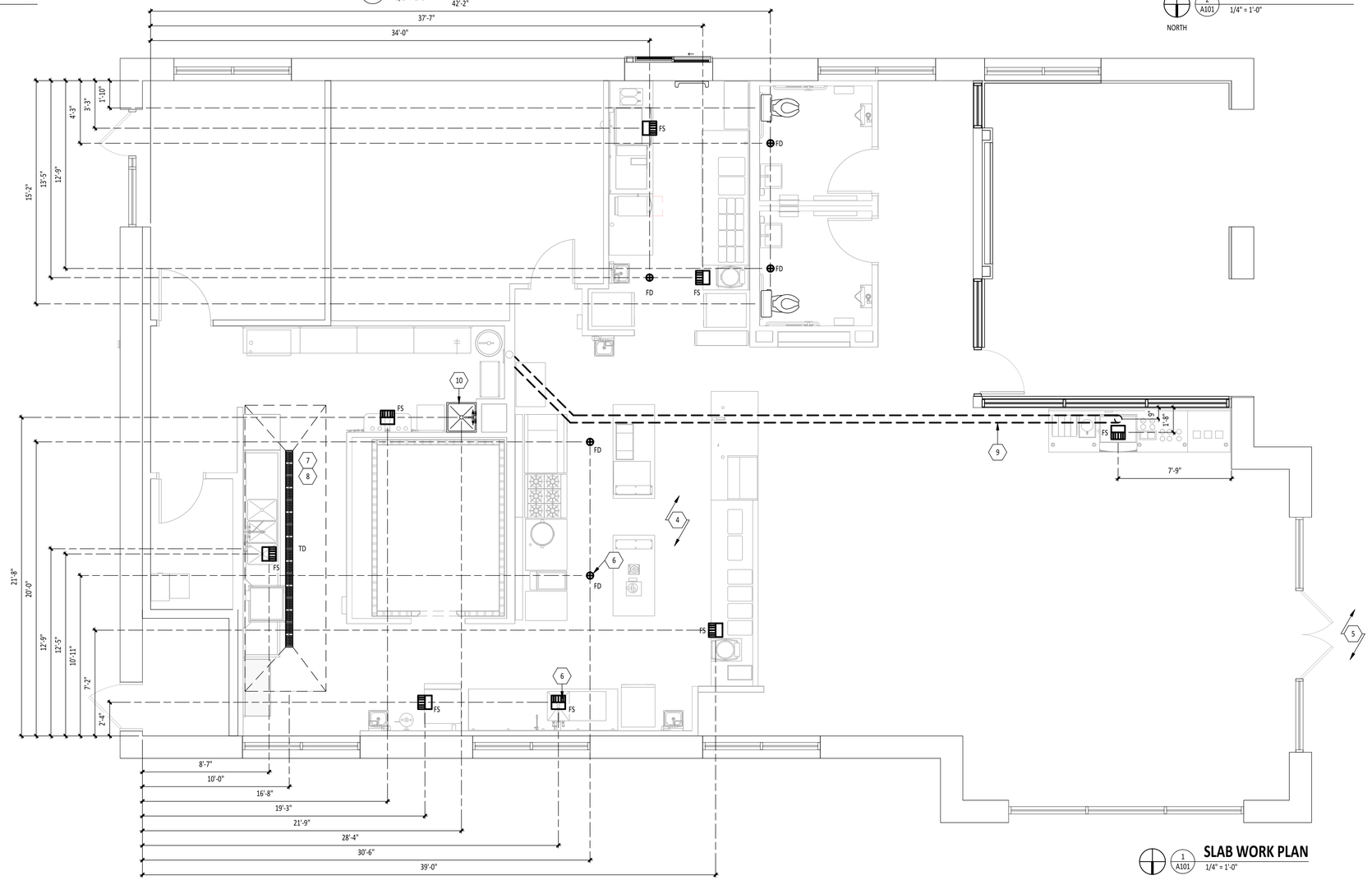


3 A101 TRENCH DRAIN
1/2" = 1'-0"



2 A101 CONCRETE PAD PLAN
1/4" = 1'-0"

NORTH



1 A101 SLAB WORK PLAN
1/4" = 1'-0"

NORTH

SLAB WORK GENERAL NOTES

A. VERIFY OVERALL INTERIOR DIMENSIONS, INTERIOR COLUMN PLACEMENTS, AND EXTERIOR WALL PENETRATIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

B. ALL DIMENSIONS TO EXISTING WALLS ARE TO THE INSIDE FACE OF GYP. BD. OR STUD, WHICHEVER IS EXISTING.

C. ALL DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.N.O.

D. GC TO REVIEW ELECTRICAL PLANS FOR LIGHTING OR POWER STUB LOCATIONS PRIOR TO POURING SLAB.

E. REFER TO SPECIFICATIONS FOR CONCRETE PATCHING OR INSTALLATION INFORMATION.

F. VERIFY PERIMETER FOUNDATION INSULATION IS EXISTING IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

G. TILED FLOOR TO MAINTAIN POSITIVE SLOPE TO FLOOR DRAINS OF ≤ 2% SLOPE FOR A 4' X 4' AREA, U.N.O.

H. FOR WATERPROOFING REFER TO SECTION 09330 - QUARRY TILE WITH WATERPROOFING MEMBRANE (KITCHEN AND STORAGE) IN SPECIFICATIONS AND FINISH DETAILS

LEGEND

FD FLOOR DRAIN

FS FLOOR SINK (HALF GRATE)

TD TRENCH DRAIN

KEY NOTES (X)

1. CONCRETE PAD ON TOP OF EXISTING CONCRETE SLAB ON GRADE, REFER TO DETAIL ON THIS SHEET
2. COORDINATE POWER STUBS IN CONCRETE PAD WITH TABLE SHOP DRAWINGS
3. POWER STUB LOCATION, REFER TO ELECTRICAL DRAWINGS & TILE DETAILS
4. EXISTING SLAB ON GRADE TO BE TRENCHED AS NEEDED PER PLUMBING & ARCHITECTURAL PLANS, REFER TO DETAIL ON THIS SHEET (LIMIT TRENCHING IN DINING AREA)
5. EXISTING SIDEWALK AND PATIO SLAB ON GRADE
6. FLOOR DRAIN/SINK LOCATION, TYP. COORDINATE WITH FLOOR & PLUMBING PLANS. FLOOR SINKS & DRAINS TO BE LEVEL WITH FLOORING, REFER TO FINISH DETAILS
7. TRENCH DRAIN, RECESSED IN MIN. 8" CONCRETE SLAB W/ MIN. 4" GRAVEL BELOW DRAIN, REFER TO DETAIL THIS SHEET AND MANUFACTURER'S INSTALLATION INSTRUCTIONS
8. SLOPE FLOOR IN THIS AREA ONLY TO DRAIN, 1/40 MIN.
9. COORDINATE UNDERSLAB SODA LINE IN DRYER BOX AND 6" PVC CONCEALED IN WALL WITH EXISTING CONDITIONS, REFER TO FINISH DETAILS AND PLUMBING DRAWINGS
10. MOP SINK, REFER TO FINISH DETAILS

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

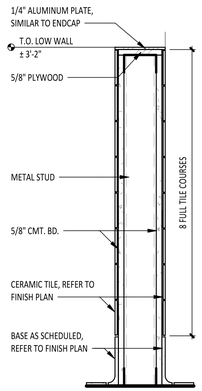
Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

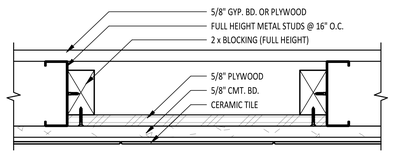
Project No.
030721

Contents:
SLAB WORK PLAN

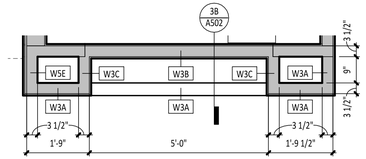
A101



4 A110 **LOW WALL SECTION**
1 1/2" = 1'-0"

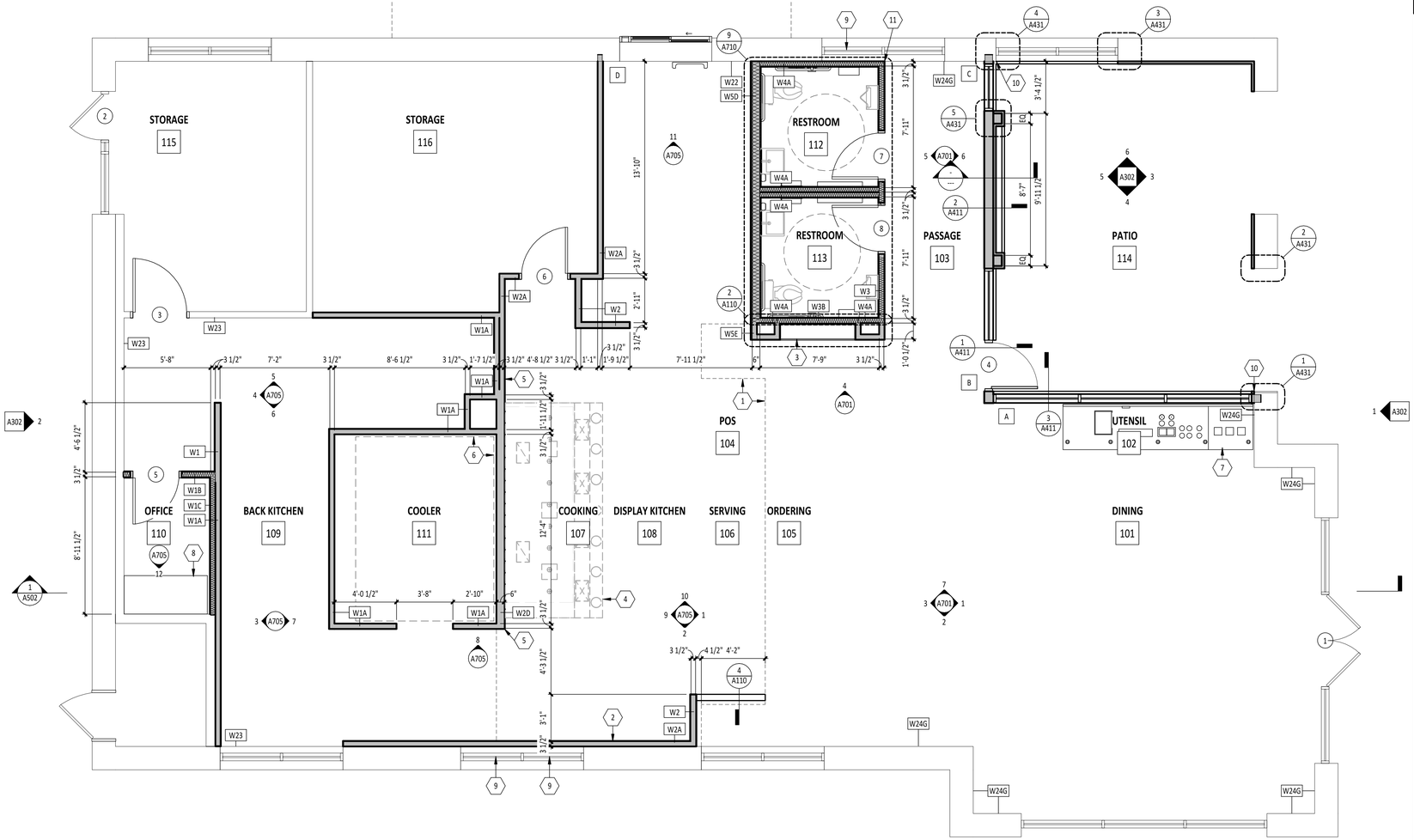


3 A110 **FULL HEIGHT BLOCKING DETAIL**
3" = 1'-0"



2 A110 **ENLARGED BOX FLOOR PLAN**
1/2" = 1'-0"

NORTH



NORTH

1 A110 **ARCHITECTURAL FLOOR PLAN**
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

A. EXISTING CONSTRUCTION
NEW CONSTRUCTION
SOUND BATT INSULATION
WALK-IN COOLER
LOW WALL

B. ALL DIMENSIONS TO EXISTING WALLS ARE TO THE INSIDE FACE OF GYP. BD. OR STUD, WHICHEVER IS EXISTING. DIMENIONS TO STRUCTURE ARE TO THE CENTERLINE, U.N.O.

C. DASHED CIRCLE IN RESTROOM INDICATES 5'-0" TURNING DIAMETER REQUIRED.

D. REFER TO WALL FINISH SCHEDULE ON FINISH PLAN.

E. STUD SIZES AS INDICATED ON PLAN.

F. INTERIOR DOORS ARE 4" OFF PERPENDICULAR WALL, U.N.O. RESTROOM DOORS ARE INSTALLED PER FINISH DETAILS.

G. WHERE TENANT'S G.C. IS TO PROVIDE TYPE 'X' GYP. BD. FOR A RATED ASSEMBLY, THE TYPE 'X' GYP. BD. IS REQUIRED TO GO BENEATH THE SHEATHING AND FINISHES.

H. SEE FINISH AND TILE DETAILS FOR ADDITIONAL SHEATHING BEHIND CERTAIN WALL FINISHES.

I. SEE DOOR & HARDWARE SCHEDULE FOR DOOR TYPES.

J. TENANT'S G.C. TO PERFORM LAYOUT OF ENTIRE SPACE PRIOR TO STARTING FRAMING AND REPORT ANY DISCREPANCIES IN NOTED DIMENSIONS TO ARCHITECT AND TENANT CM PRIOR TO PROCEEDING. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT GENERAL CONTRACTOR'S COST.

K. REFER TO ARCHITECTURAL WALL TYPES SHEET FOR PARTITION CONSTRUCTION DETAILS.

L. PROVIDE DEFLECTION TRACKS AT WALLS WHICH GO TO THE UNDERSIDE OF STRUCTURE.

M. DENSSHIELD TILE BACKER BOARD SHALL NOT BE INSTALLED OVER VAPOR BARRIER AT EXTERIOR WALLS.

N. MOISTURE-RESISTANT GYP. BD. SHALL BE USED IN RESTROOMS.

KEY NOTES (X)

1. SOFFIT ABOVE
2. PROVIDE FULL HEIGHT BLOCKING IN WALL FOR SHELVING, REFER TO DETAIL ON THIS SHEET
3. MOBILE ORDER PICKUP SHELVING BY MILLWORK SUPPLIER, PROVIDE FULL HEIGHT BLOCKING IN WALL AT EACH END
4. TYPE I EXHAUST HOOD ABOVE, REFER TO MECH.
5. PROVIDE SHEET OF 24 GAUGE GALVANIZED METAL BEHIND CEMENT BOARD. EXTEND FROM FLOOR TO 18" ABOVE CEILING AND 18" BEYOND SIDES OF HOOD
6. OUTLINE OF COOLER; ± 2" CLEAR FROM FACE OF COOLER
7. UTENSIL COUNTER BY MILLWORK SUPPLIER, PROVIDE 18" HIGH BAND OF CONCEALED BLOCKING
8. OFFICE DESK & SHELVING BY MILLWORK SUPPLIER
9. REPLACE EXISTING GLAZING WITH SPANDREL, REFER TO EXTERIOR ELEVATIONS AND SPEC SECTION 08800
10. ALIGN NEW WALL WITH EDGE OF OPENING.
11. ALIGN NEW WALL WITH STOREFRONT MULLION

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON
12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
ARCHITECTURAL FLOOR PLAN

A110

FINISH LEGEND

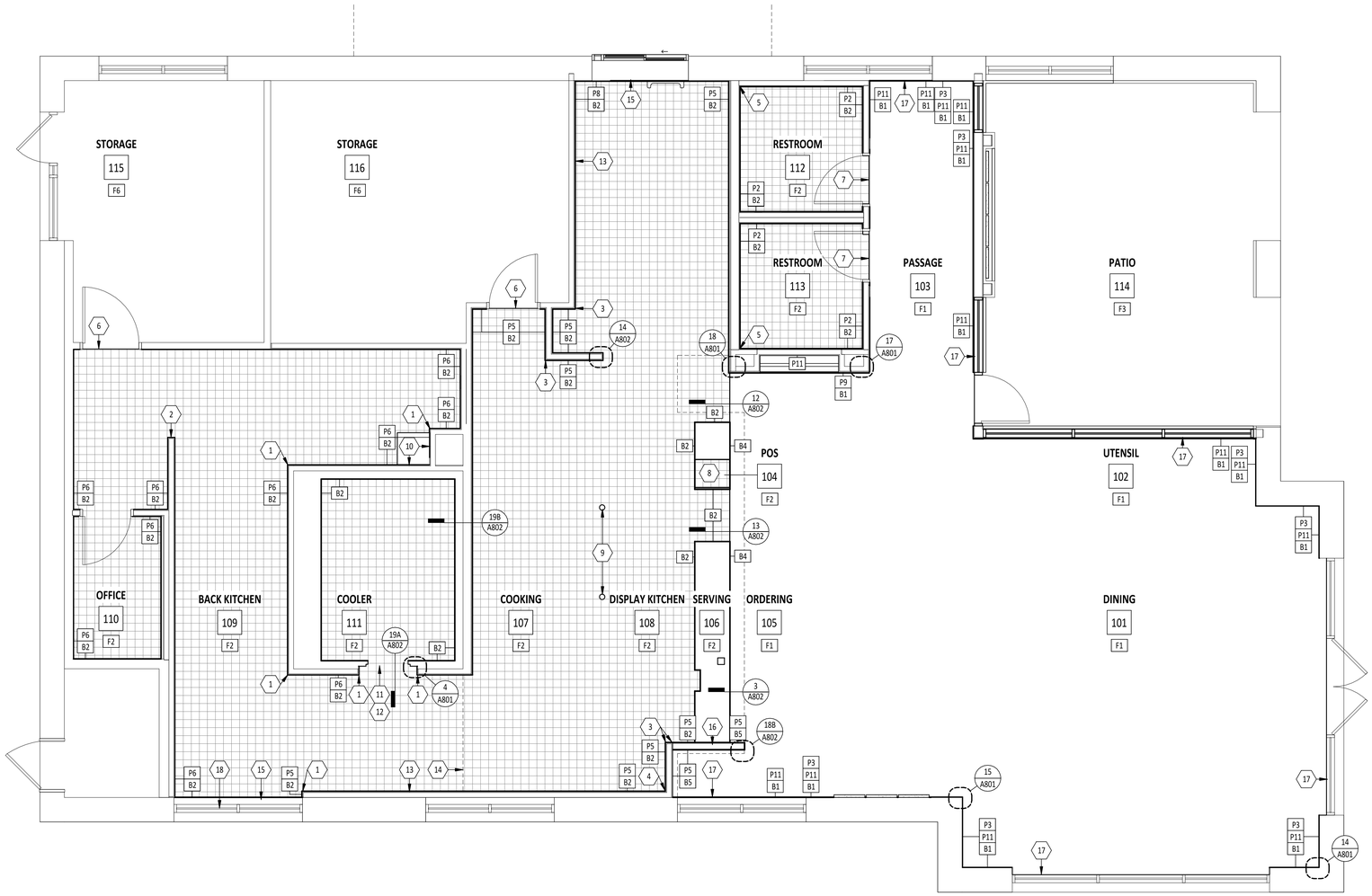
FLOOR FINISHES		WALL BASE FINISHES		WALL FINISHES		CEILING/DECK FINISHES		DOOR FINISHES	
LGD. #		LGD. #		LGD. #		LGD. #		LGD. #	
F1	POLISHED CONCRETE REFER TO SPEC SECTION 03395	B1	BLACK RUBBER, COVELESS (REFER TO FINISH DETAILS AND SPEC SECTION 09653)	P2	FIBERGLASS REINFORCED PANELS (SMOOTH FINISH) REFER TO SPEC SECTION 06605	C1	OPEN TO STRUCTURE, UNPAINTED	D1	PAINT BLACK REFER TO SPEC SECTION 09900
F2	QUARRY TILE REFER TO SPEC SECTION 09330	B2	QUARRY TILE, COVED (REFER TO FINISH AND TILE DETAILS AND SPEC SECTION 09330)	P3	GYP. BD., PAINT "THIN ICE" (EGGSHELL ABOVE 52" AFF) REFER TO SPEC SECTION 09900	C2	PHENOLIC RESIN PANEL REFER TO SPEC SECTION 09770	D2	PAINT KNIGHT'S ARMOR REFER TO SPEC SECTION 09900
F3	EXTERIOR CONCRETE REFER TO SPEC SECTION 03300	B3	BLACK RUBBER, COVED (REFER TO FINISH DETAILS AND SPEC SECTION 09653)	P4	GYP. BD., PAINT "THIN ICE" (SEMI-GLOSS BELOW 52" AFF) REFER TO SPEC SECTION 09900	C3	GYP. BD., PAINT MOONLIT SNOW REFER TO SPEC SECTION 09900		
F6	EXISTING SLAB ON GRADE	B4	QUARRY TILE, COVELESS (REFER TO FINISH AND TILE DETAILS AND SPEC SECTION 09330)	P5	CERAMIC TILE - WHITE REFER TO SPEC SECTION 09340	C4	VINYL-FACED LAY-IN REFER TO SPEC SECTION 09510		
		B5	CERAMIC TILE (REFER TO TILE DETAILS AND SPEC SECTION 09340)	P6	FIBERGLASS REINFORCED PANELS (PEBBLED FINISH) REFER TO SPEC SECTION 06605	C5	ACOUSTICAL BAFFLE CEILING SYSTEM REFER TO SPEC SECTION 09510		
				P7	DIAMOND PLATE TO 48" AFF REFER TO SPEC SECTION 05500	C6	TONGUE AND GROVE WOOD PLANKS, MATCH EXISTING		
				P8	CERAMIC TILE - ACCENT REFER TO SPEC SECTION 09340				
				P9	SPALTED MAPLE WALL PANEL REFER TO SPEC SECTION 06210				
				P10	STOREFRONT REFER TO SPEC SECTION 08413				
				P11	PHENOLIC RESIN PANEL REFER TO SPEC SECTION 09770				
				P12	STAINLESS STEEL SHEET REFER TO SPEC SECTION 05500				

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
101	DINING	REFER TO PLAN FOR FLOOR FINISH	REFER TO PLAN FOR BASE FINISH	REFER TO PLAN FOR WALL FINISH	C1 / C5	STR / 10'-0"	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
102	UTENSIL				C1	STR	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
103	PASSAGE				C1	STR	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
104	POS				C3	± 9'-0"	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
105	ORDERING				C1	STR	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
106	SERVING				C3	± 9'-0"	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
107	COOKING				C3	± 10'-0"	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
108	DISPLAY KITCHEN				C3	± 9'-0"	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
109	BACK KITCHEN				C4	± 9'-0"	SEE INTERIOR ELEVATIONS AND SPECIFICATIONS
110	OFFICE				C4	9'-0"	EXTEND SHEATHING TO STRUCTURE
111	COOLER				C1	STR	CEILING HEIGHT & WALL FINISHES PER MANUFACTURER, REFER TO GENERAL NOTE B
112	RESTROOM				C3	8'-0"	SEE RESTROOM DETAILS AND SPECIFICATIONS
113	RESTROOM				C3	8'-0"	SEE RESTROOM DETAILS AND SPECIFICATIONS
114	PATIO				C6	15'-0"	SEE ELEVATIONS AND SPECIFICATIONS
115	STORAGE				C4	15'-0"	EXISTING TO REMAIN
116	STORAGE				C1	STR	

INTERIOR MATERIAL FINISH SCHEDULE

	CLASS A FINISH	FLAME SPREAD INDEX: 0 - 25	SMOKE DEVELOPED INDEX: 0 - 450	PER BUILDING CODE, SECTION 803	
	CLASS B FINISH	FLAME SPREAD INDEX: 26 - 75	SMOKE DEVELOPED INDEX: 0 - 450	PER BUILDING CODE, SECTION 803	
●	CLASS C FINISH	FLAME SPREAD INDEX: 76 - 200	SMOKE DEVELOPED INDEX: 0 - 450	PER BUILDING CODE, SECTION 803	



1 A120 **FINISH PLAN**
1/4" = 1'-0"

FINISH GENERAL NOTES

A. GC IS RESPONSIBLE FOR SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES)

B. COOLER WALL PANELS AS PROVIDED BY THE COOLER MANUFACTURER HAVE A 26-GUAGE COATED AND EMBOSSED STEEL FINISH

C. RUBBER BASE PROVIDED BY AND INSTALLED BY CHIPOTLE GC

D. BLACK RUBBER BASE AROUND BASE OF BOOTH SEATING IS TO BE INSTALLED PER APPROVED SHOP DRAWINGS

E. STAINLESS STEEL BASE PROVIDED BY AND INSTALLED BY CHIPOTLE GC AT ALL OUTSIDE QUARRY TILE CORNERS IN KITCHEN ONLY, REFER TO SPECIFICATIONS AND TILE DETAILS.

F. PROVIDE WATERPROOFING MEMBRANE ON INTERIOR OF ALL KITCHEN AND RESTROOM WALLS AND FLOORS AT JUNCTURE, REFER TO SPECIFICATIONS AND DETAILS.
EXTEND WATERPROOFING MEMBRANE UNDER THE ENTIRE COOLER, REFER TO FINISH DETAILS

G. STONEWOOD WALL PANELS AND WAINSCOT PROVIDED BY TMS, INSTALLED BY GC

H. SPALTED MAPLE PANEL PROVIDED BY TMS, INSTALLED BY GC

KEY NOTES (X)

1. FULL HEIGHT STAINLESS STEEL CORNER GUARD & STAINLESS STEEL CORNER BASE, REFER TO TILE DETAILS
2. FULL HEIGHT STAINLESS STEEL END GUARD & STAINLESS STEEL CORNER BASE, REFER TO TILE DETAILS
3. SCHLUTER-QUADEC STAINLESS STEEL CORNER, REFER TO TILE DETAILS
4. TYPICAL INSIDE TILE CORNER, REFER TO TILE DETAILS
5. TYPICAL RESTROOM INSIDE FRP CORNER, REFER TO FINISH DETAILS
6. EXTENT OF QUARRY TILE, ALIGN W/ THRESHOLD
7. EXTENT OF QUARRY TILE FLOORING @ RESTROOM DOOR
8. QUARRY TILE TOP OF CONCRETE PAD FOR SMART SAFE, REFER TO TILE DETAILS & COORDINATE EXTENT OF QUARRY TILE WITH KES PRIOR TO INSTALLATION
9. POWER STUB UNDER TABLES, REFER TO TILE DETAILS
10. PROVIDE STAINLESS STEEL (P12) ON WALL TO 24" ABOVE TOP OF MOP SINK, BEND STAINLESS STEEL AT INSIDE CORNER SO THERE IS NO JOINT, REFER TO FINISH DETAILS
11. PROVIDE DIAMOND PLATE (P7) ON COOLER DOOR AND WALL PANELS, REFER TO KITCHEN ELEVATIONS
12. PROVIDE FRP CLOSURE AT COOLER AIR GAP, REFER TO FINISH DETAILS
13. PROVIDE 18 GAUGE STAINLESS STEEL SHROUD AROUND LINES AT THE ICE MAKER AND/OR BAG-N-BOX & CO2
14. TRANSITION FROM GYP. BD. CEILING TO FRP WALL, ABOVE, REFER TO CEILING DETAILS
15. ALUMINUM SILL, JAMB, AND HEAD AT WINDOW
16. ALUMINUM SILL AT LOW WALL
17. PAINT GYP. BD. HEADER TO MATCH WALL, REFER TO DINING ELEVATIONS
18. WINDOW FILM INSTALLED ON INTERIOR FACE OF STOREFRONT, REFER TO ELEVATIONS

Consultant:

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:	
07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

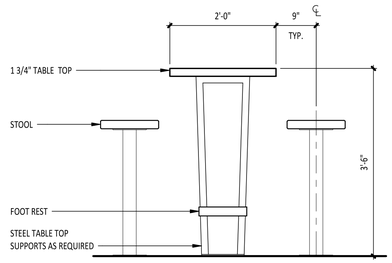
Revisions:	
3 09/21/2021	BUILDING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

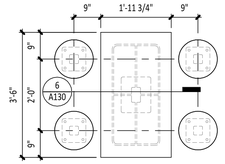
Project No.
030721

Contents:
FINISH PLAN

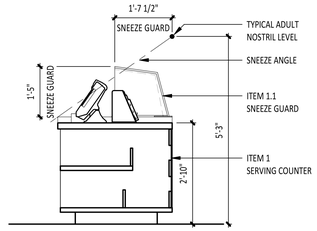
A120



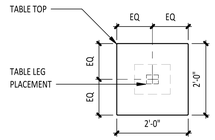
6 A130 **ITEM #2 BAR HEIGHT COMMUNITY TABLE**
3/4" = 1'-0"



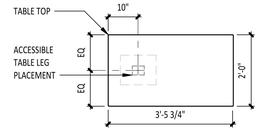
5 A130 **ITEM #2 ENLARGED BAR HEIGHT COMMUNITY TABLE**
1/2" = 1'-0"



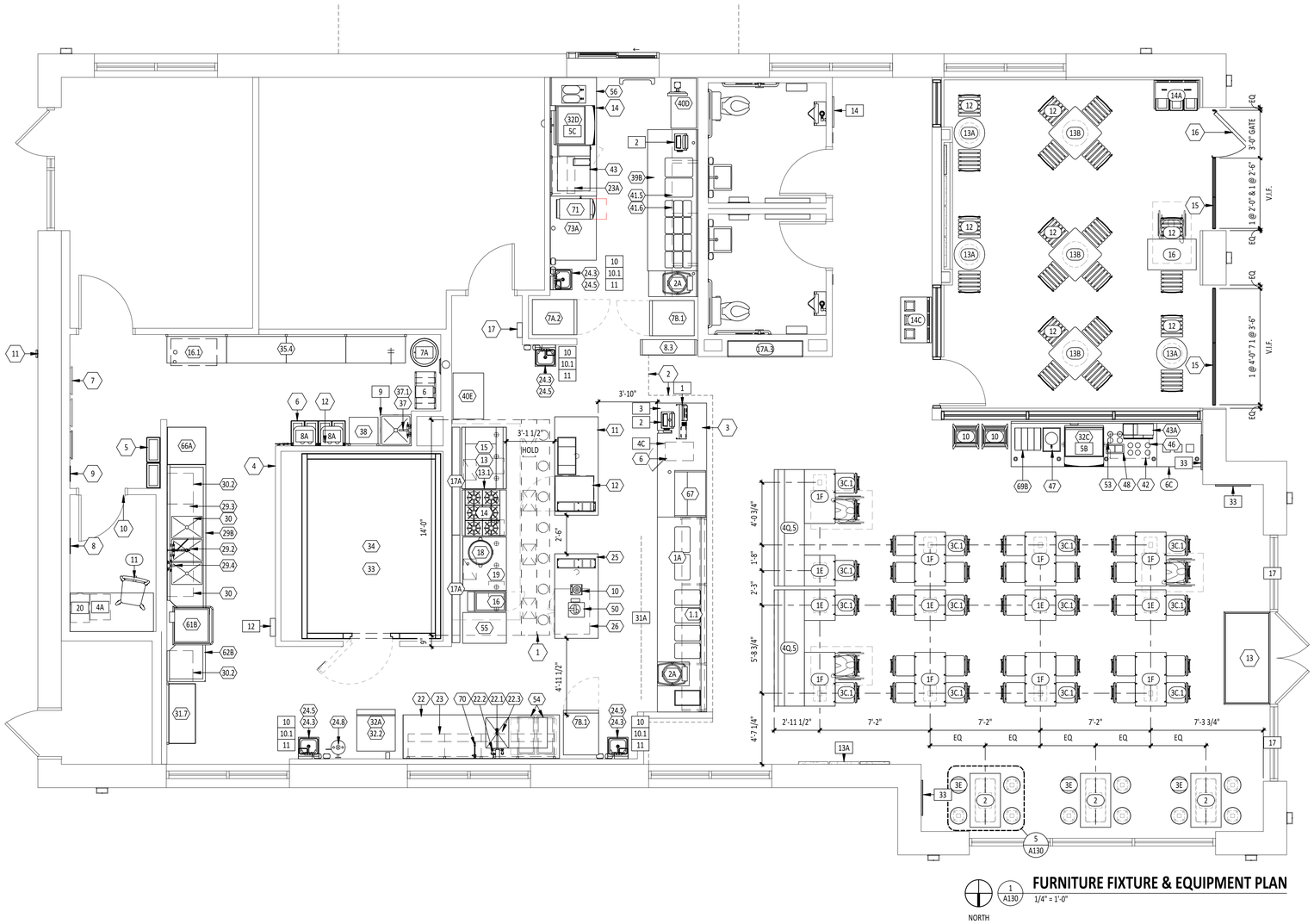
4 A130 **SNEEZE GUARD DETAIL**
1/2" = 1'-0"



3 A130 **ITEM #1E 2-TOP SQUARE TABLE**
1/2" = 1'-0"



2 A130 **ITEM #1F ACCESSIBLE 4-TOP TABLE**
1/2" = 1'-0"



1 A130 **FURNITURE FIXTURE & EQUIPMENT PLAN**
1/4" = 1'-0"

FF&E GENERAL NOTES

A. REFER TO THE FIXTURES, FURNITURE, AND EQUIPMENT SCHEDULES.

B. ALL DIMENSIONS TO EXISTING WALLS ARE TO THE INSIDE FACE OF GYP. BD. DIMENSIONS TO EQUIPMENT ARE TO THE CENTERLINE, U.N.O.

C. ALL FURNITURE TO BE SQUARE/PARALLEL TO LEASE SPACE WALLS AS SHOWN ON PLANS.

D. HOLD TRASH SURROUND 3" OFF ADJACENT WALL.

E. INSTALL STOOLS SO THAT VERTICAL FABRIC SEAMS ALIGN PERPENDICULAR TO THE TABLE EDGE AND SCREWS ARE SQUARE AND PARALLEL TO THE TABLE.

KEY NOTES (X)

1. TYPE I HOOD ABOVE, REFER TO MECHANICAL DRAWINGS
2. SOFFIT ABOVE
3. POS/SERVING COUNTER, REFER TO DETAIL ON THIS SHEET
4. WALL SPACE LEFT CLEAR FOR TENANT USE, 6 LF MIN.
5. (2) MOVEABLE, BACK-UP TRASH BINS FOR DINING ROOM TRASH SURROUNDS
6. (4) MOVEABLE LINEN BINS W/ LID
7. ELECTRICAL PANEL LOCATION, REFER TO ELECTRICAL DRAWINGS
8. BYPASS DISTRIBUTION PANEL, REFER TO ELECTRICAL DRAWINGS
9. LIGHTING CONTROL PANEL, REFER TO ELECTRICAL DRAWINGS
10. TELEPHONE BOARD ABOVE, REFER TO ELECTRICAL DRAWINGS
11. CO2 REMOTE FILLER PORT, PROVIDED AND INSTALLED BY CO2, VERIFY LOCATION WITH CHIPOTLE CM CO2 LINES SHALL BE CONCEALED WITHIN WALLS AND ABOVE CEILINGS
12. WATER FILTER ABOVE, REFER TO PLUMBING DRAWINGS
13. 36" X 72" SURFACE-MOUNTED WALK-OFF MAT, INSTALL PER MANUFACTURER'S SPECS, REFER TO FINISH DETAILS
14. ROUTE SODA AND TEA DRAINS BEHIND, NOT THROUGH, THE SHELF BELOW TO FLOOR SINK
15. PATIO RAILING
16. SELF-CLOSING, NON-LATCHING, NON-LOCKING GATE
17. TIME CLOCK, REFER TO ELECTRICAL DRAWINGS

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:	
07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:	
2 09/08/2021	CLIENT REVISION

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
FF&E PLAN

A130

KITCHEN EQUIPMENT LIST

ITEM #	DESCRIPTION	MANUFACTURER	MODEL NO.	QTY	SUPPLIED BY	INSTALLED BY	UTILITY				REMARKS
							ELEC	GAS	WATER	SEWER	
1.1	Sneeze Guard Serve Line 12 Pan (Left)	BSI	Custom-L	1	TMS	TMS/GC					
1A	M4.0 - Front Serve Line - 12 Pan - RTD - POS Left	Delfield	12 Pan Serve Line POS_221x38.5in (Left)	1	KES	KES; GC	•			•	GC To Provide Connection For Chemical Dispensing Equipment
2A	Tortilla Warmer	Caliente Industries	A2	2	KES	KES	•				GC To Store In Walk-In Cooler Until Final Installation
6	Cup Dispenser	Dispense-Rite	CHIP-ECL-3B	1	KES	KES; GC					Installed At POS Counter
7A.2	Upright Beverage Cooler, Single Door, Hinge Right	Hoshizaki America, Inc.	R1A-FGCR	1	KES	KES	•				
7B.1	Upright Beverage Cooler, Single Door, Hinge Left	Hoshizaki America, Inc.	R1A-FS-L	2	KES	KES	•				
8.3	M4.5 Chip Shelf	Trimark	Custom	1	KES	KES					
10	Blender	Vitamix	748	1	KES	KES	•				GC To Store In Walk-In Cooler Until Final Installation
11	Carving Station - 77x34in - Horizontal Well - Left	Delfield	77x34in Carving Station - LT	1	KES	KES	•				
12	Undercounter Refrigerator	Hoshizaki	UR27A-LPC	1	KES	KES	•				
13	Grill 48in - Natural Gas - Divider Right	Woodstone	WS-PL-48-36-4-CT-Right	1	KES	KES	•	•			
13.1	Woodstone Grease Splash Guard	Nationwide Fab; Marlo Mfg	CHP-GCG-GSG	1	KES	KES					Verify If Required
14	Range 6 Burner - Natural Gas	Garland	U36-6S	1	KES	KES		•			
15	Woodstone Grill Stand 48x31in - Divider Right	Woodstone	000-PL-STAND-CASTER	1	KES	KES					
16	Fryer - Gas - Standard Efficiency	Pitco	35CS	1	KES	KES	•	•			Mounted On Legs, G.C. To Pin Front Legs To Floor
16.1	Grease Caddy	American Welding	Chipotle Grease Caddy	1	KES	KES					
17A	Cook Line Stand Off - 84x6	Nationwide Fab; Marlo Mfg	CHP-7WS-6	2	KES	KES					Mount Top of Flat Surface at 33" AFF, Install Screws at Each Stud Location, Provide Blocking To Mount To Wall
18	Gas Rice Cooker	Rinnai	RER-55AS	1	KES	KES		•			Final Connection by GC. RE: Mechanical Drawings
19	Rice Cooker Stand - Right	Nationwide Fab; Marlo Mfg	CHP-RCS-42ES-34	1	KES	KES					
22	Prep Sink - Corner - Right	Trimark	S1-122x34-US-FF-R	1	KES	GC					
22.1	Prep Sink Faucet Big Flow Faucet	T&S	B-0293-01	1	KES	GC			•		
22.2	Prep Sink Vegetable Wash Faucet	T&S	B-0730	1	KES	GC			•		GC To Provide Connection For Chemical Dispensing Equipment
22.3	Prep Sink Drain Assembly	T&S	B-3950	1	KES	KES; GC				•	
23	4 Shelves - 120in Prep Sink	Amco	CHPPS120	1	KES	KES					Mount Bottom Of Standard At 50" AFF. Provide Plywood Blocking To Mount To Wall.
23A	2 Shelves - 30in	Amco	Custom	1	KES	KES					Mount Bottom Of Standard At 50" AFF. Provide Plywood Blocking To Mount To Wall.
24.3	Hand Sink Wall Mounted - Splash Both	Universal Stainless	EHS-1RL-NF	4	KES	GC				•	Provide Plywood Blocking To Mount To Wall
24.5	Kitchen Hand Sink Faucet Splash Mount	T&S	B-1146-04	4	KES	GC			•		
24.8	CUSTOM Eyewash Sink Wall Mounted	Guardian	G1814	1	GC	GC			•	•	Provide Plywood Blocking To Mount To Wall
25	Rice Prep Table Island 66x34	Nationwide Fabrication; Marlo Mfg	Custom Table 66x34in	1	KES	KES					
26	Hot Holding Cabinet - Double Door (Rice)	Food Warming Equipment (FWE)	HLC-16-CHP	1	KES	KES	•				
29.2	Dish Sink Add-A-Faucet w/ Pre-Rinse	T&S	B-1033-12CRBJSK Substitute Sprayer B-0107-J-SWV	1	KES	GC			•		
29.3	Dish Sink Drain Assembly	T&S	B-3950	3	KES	KES; GC				•	
29.4	Dish Sink Chemical Faucet	T&S	B-2345-01-XX	1	KES	GC			•		GC To Provide Connection For Chemical Dispensing Equipment
29B	3 Comp Sink - 18x24in Bowls - 111 3/4in	Nationwide Fabrication; Marlo Mfg	S3-30x111.75x36.5-FF	1	KES	GC				•	
30	Shelving System - 3 Comp Sink	Amco	WST1879S	1	KES	KES					Mount bottom of Standard At 56"AFF. Provide Plywood Blocking
30.2	Shelving System - Dish Table	Amco	WST1879S	2	KES	KES					Mount bottom of Standard At 56"AFF. Provide Plywood Blocking. Mount Tight To Dish Machine
31.7	Drying Racks 21x48x8Sin - With Vented Aluminum Covers	Amco	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall
32.1A	Ice Maker - Remote Condenser	Hoshizaki	URC-5F	1	KES	KES	•				Condensing Units To Be Secured To The Roof Per Code By GC
32.1B	Ice Maker - Remote Condenser	Hoshizaki	URC-9F	1	KES	KES	•				Condensing Units To Be Secured To The Roof Per Code By GC
32.2	Ice Maker - Storage Bin	Hoshizaki	B500SF	1	KES	KES				•	
32.3	Icemaker- Filter	Cuno	Bev 190	3	KES	KES			•		
32.4	Ice Maker - Scale Inhibitor	Cuno	CFS440-HT	3	KES	KES			•		
32.5	Ice Maker - Sanitizer	RGF	IMSB	3	TUV	GC	•				Refer To Installation Guide. When Installed At Utensil Counter, Mount Below Counter In Accessible Location. Refer To Plumbing Drawings.
32A	Ice Maker For B.O.H. Ice Bin (Shorter)	Hoshizaki	KML-700MRJ	1	KES	KES	•		•		Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
32C	Ice Maker Mounted On Soda Machine - Air Cooled	Hoshisaki	KMD-530MAJ	1	KES	KES	•		•	•	Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
32D	Ice Maker Mounted On Soda Machine - Remote Air Cooled	Hoshisaki	KMD-530MRJ	1	KES	KES	•		•	•	Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
33	Walk In Cooler 9x12x10ft 3in - Standard	Norlake	CHP9125L-RS	1	WCS	GC	•			•	Refer To Plumbing and Mechanical Drawings; Refrigeration By Tenant; Remote Exterior Compressor Unit To Be Secured To Roof Per Code By GC. Vendor To Provide Seismic Anchoring Equipment To Be Installed By GC.
34	Walk-In Cooler Shelving System - 9x12x10	Cambro (Camshelving)	CHP9121EL	1	KES	KES					
35.4	Dry Storage Racks 21x192x85in	Amco	CHPDS48S	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
37	Mop Sink Faucet	T&S	B-0660-BSTR	1	KES	GC			•		
37.1	Mop Sink Chemical Faucet	T&S	B-2345-01-XX	1	KES	GC			•		GC To Provide Connection For Chemical Dispensing Equipment
38	6 Shelves - Chemical Storage Rack	Amco	CHPCS85	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
39B	DML 2.0 130in – Right – W/POS & Cash Drawer	Franke/Delfield	DML 2.0_RT-130x39	1	KES	KES	•			•	
39B.1	DML 2.0 Wall Trim Package	Franke/Delfield	DML 2.0 Trim Kit	1	KES	KES					
40D	Holding Shelf	Trimark	TGS-39X20X80-B	1	KES	KES	•				
40E	M4.5 - Filler Stand At Range	Select Stainless	Custom	1	KES	KES					
41.5	DML 2.0 Shelving - 130in - Top Shelf	Franke/Delfield	CH000A32	1	KES	KES					Mount Bottom Of Shelf At 74 1/2" AFF. Provide Plywood Blocking To Mount To Wall.
41.6	DML 2.0 Shelving - 130in - Bottom Shelf	Franke/Delfield	CH000A34	1	KES	KES					Mount Bottom Of Lowest Portion Of Shelf At 54 1/2" AFF. Provide Plywood Blocking To Mount To Wall.
42	Shelving System Under Counter Beverage Station	ISS	WST1810CLR	1	KES	KES					Mounted on (4) casters, All casters to be swivel type, Front (2) casters to have brake, Located under utensil counter
43	Beverage Cooler Backbar 36in	Glasstender	LP36X-SS(X)	1	KES	KES	•				
43A	Napkin Caddy	Tork	17CBS	3	KES	KES					Installed At Utensil Counter
46	Bain Marie	Vollrath Company	78710	7	KES	KES					
47	Iced Tea Dispenser	Bunn	TDO-5	1	KES	KES					
48	Insulated Black One Third Pan	Camwear by Cambro	36CW	2	KES	KES					Purchase Two (2) Total: One (1) at Utensil Counter / One (1) on Reserve
50	Food Processor	Sammic	CA-301	1	KES	KES					
53	Stainless Steel Lid Dispenser	San Jamar	L3502	2	KES	KES					
54	Mobile Ingredient Bin	Cambro	IBS20	2	KES	KES					
55	Filler Table - 24x34in	Trimark	TS-24x34x36-US-C	1	KES	KES					
56	Beverage Table - Fast Lane	Trimark	TS-36x92.5x36	1	KES	GC	•			•	
61B	Dish Machine (w/Pump)	Hobart	AM16SCB	1	KES	KES	•		•	•	
62B	Dish Table 30x30	Trimark	CDT-30X30X36.5-B	1	KES	GC					
65	Utility Cart (Not Shown)	Select Stainless	30SU-22-14-C4-TUBS-CUSTOM	1	KES	GC					Provided As Part Of The WIC Shelving
66A	Drop-Off Table - 29x30in	Trimark	TS-29x30x31-US-C	1	KES	KES					
67	Refrigerated Counter Case, Self-Serve	Structural Concepts	CO3324R-UC	1	KES	KES					
69B	M4.0 - Simplicity Bubbler Mini-Quad	Crathco	CS-4E-16	1	KES	GC	•			•	
70	Speed Fill Faucet	T&S	B-0432 MOD	1	KES	GC			•		
71	Quesadilla Press	Turbochef	Sota Touch	1	KES	KES	•				
73A	50" TurboChef Table	Trimark	50X36X36	1	KES	KES					

MISC. EQUIPMENT LIST

TAG	DESCRIPTION	QTY	FURNISHED BY	INSTALLED BY	UTILITY				REMARKS
					ELEC	GAS	WATER	SEWER	
1	Point of Sale Display	1	TMS	GC					Installed at POS Station
2	Point-Of-Sale System	2	T	TCC					Coordinate Requirements With Tenant and Elec. Drawings
3	Cash Drop Box	2	SSS	GC					Drop Box Mounted Below POS Counter
4A	B-Rate (Standard Safe)	1	TS	GC					Install in Office, Bolt to Office Floor Slab
4C	Smart Safe	1	TSS	TSS	•				To Be Installed On Curb Under Serveline, Bolt to Curb Under Serveline POS
5B	Soda Dispenser - With Air-Cooled Ice Maker	1	SPS	SPS	•			•	Drain to Floor Sink, Tenant Millwork Supplier to Provide (2) Adjustable Legs to Support Dispenser From Under The Utensil Counter
5C	Soda Dispenser - With Remote Air-Cooled Ice Maker	1	SPS	SPS	•			•	Drain to Floor Sink, Tenant Millwork Supplier to Provide (2) Adjustable Legs to Support Dispenser From Under The Utensil Counter
6	Soda System Syrup Rack with Carbonator on Stainless Steel Shelf Wall Mounted at 89" AFF	1	SPS	SPS	•		•		
7A	Bulk CO2 Tank	1	CO2	CO2	•				Provide (1) 3/8inØ X 2in Embedment Hilti Kwik Bolt Tz Per Leg
8A	Gas Tankless Water Heater	2	GC	GC		•	•	•	Drain Water Heater To Floor Drain, RE: Mech.
9	Mop Sink, See Plumbing Drawings	1	GC	GC			•	•	See Plumbing Drawings
10	Touch-Free Soap Dispenser	4	WA	GC					
10.1	Hand Sanitizer Dispenser	4	WA	GC					
11	Paper Towel Dispenser, Bobrick B262	4	WA	GC					Provide Plywood Blocking to Mount to Wall
12	First Aid Kit	1	T	GC					Confirm Location With Chipotle CM Prior To Installation
13A	M4.0 - Artwork Panel - Plaster, 2Hx3L Panels, Start Pattern At Column 1	1	TAS	GC					
13C	M4.0 - Artwork Panel - Plaster, 2Hx4L Panels, Start Pattern At Column 1	1	TAS	GC					Exterior Art Work
14	License Frame	1	T	GC					Provide Plywood Backing In Wall At License Frame Location, Refer To Arch. Floor Plans And Elevations For License Frame Location.
16	Fire Extinguisher Package	1	GC	GC					Fire Extinguisher Package includes (2) Type 'ABC' and (1) Type 'K' Fire Extinguishers to be mounted in locations specified by the Fire Marshal. Provide plywood backing at specified locations.
17	Window Shades	4	WS	WS					See Sheet A130 For Location & Size (When Used)
19	Hat & Coat Strips (Not Shown)	1	WA	GC					Provide Plywood Blocking to Mount to Wall
20	2-Drawer File Cabinet, By Tenant	1	T	T					By Tenant
27	"Slim Jim" Trash Can	1	KES	T					
28	Mop Strip (Not Shown)	1	T	GC					Provide Plywood Backing To Mount To Wall, 2 Hole At Mop Basin and 6 Hole In Kitchen
31A	21inx31in Menu System	1	TMB	GC					
33	Framed Photograph	3	T	GC					Provide Plywood Backing In Wall At Picture Frame Location, Refer To Arch. Floor Plans And Elevations For Picture Frame Location.
33A	M4.0 - Pick-Up Sign - Single Faced - Flush Mounted - Face	1	TSV	GC					

FURNITURE LIST

TAG	DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	UTILITY				REMARKS
					ELEC	GAS	WATER	SEWER	
1E	M4.0 - Table 24x24in - Rectangular Base	5	TMS	GC					
1F	M4.0 - Table 24x42in, Rectangular Base (Accessible)	8	TMS	GC					See Detail On A130
2	M4.0 - Table 24x42in, Bar Height	3	TMS	GC					
3C.1	M4.0 - Dining Room Chair	36	TMS	GC					
3E	M4.0 - Bar Stool - Fixed	12	TMS	GC					Align Seat With Seam Perpendicular To Table Edge
4Q.5	M4.0 - Booth - Single - 90 3/4"	2	TMS	GC					
6C	M4.0 - Beverage Counter - With Trash - 4" Splash - 149"	1	TMS	GC				•	Coordinate Floor Drain Installation with Utensil Counter Installation, Bins Provided by Tundra in Smallwares Package
10	Child's High Chair	2	T	GC					
11	Office Chair, By Tenant	1	T	T					By Tenant
12	Patio Chair - Bistro	20	KES	GC					Powder Coated Steel Chair, Provided by EMU America, Contact: Carol Hughes (303-744-3200)
13A	24in Round Bistro Table	3	KES	GC					Powder Coated Steel Table, Provided By EMU America, Contact: Carol Hughes (303-744-3200)
13B	30in Square Bistro Table	3	KES	GC					Powder Coated Steel Table, Provided By EMU America, Contact: Carol Hughes (303-744-3200)
14A	3 Bin Trash/Recycling Surround - Exterior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
14C	M4.0 - 3 Bin Trash/Recycling Surround - Interior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
16	Accessible Patio Table	1	KES	GC					Powder Coated Steel Table, Provided By EMU America, Contact: Carol Hughes (303-744-3200)
17A.3	MOPUS Shelving - 58"	1	TMS	GC					GC To Provide Blocking In Walls At The Ends Of The MOPUS Shelf To Secure Shelves, Stainless Edge Of The Shelf To Face Kitchen

Consultant:

HARLAN R. FAUST ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

#		
2	09/08/2021	CLIENT REVISION
5	10/28/2021	PLANNING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:

FF&E SCHEDULES

A131

HVAC EQUIPMENT

DESCRIPTION	SUPPLIED BY	INSTALLED BY	UTILITY				REMARKS
			ELEC	GAS	WATER	SEWER	
Exhaust Fans & Curbs	HS	GC	•				Curb furnished by HS, installed by GC
Make Up Air Unit & Curbs	HS	GC	•	•	•	•	Curb furnished by HS, installed by GC
Roof Top Units & Curbs	HES	GC	•	•	•	•	Curb furnished by HS, installed by GC
Test & Balance System	TAB	-					Furnish HVAC Test & Balance per Tenant's National Account Program.

KEY NOTES (X)

1. 10'-0" RADIUS CLEARANCE FOR FRESH AIR INTAKES, NOTIFY ARCHITECT IMMEDIATELY IF CONFLICT OCCURS
2. HOOD BELOW ROOF
3. SOFFIT BELOW ROOF
4. ICE MACHINE REMOTE CONDENSER
5. WALK-IN COOLER REMOTE CONDENSER
6. WATER HEATER FLUE AND VENT THROUGH ROOF, REFER TO PLUMBING DRAWINGS
7. VTR, REFER TO PLUMBING DRAWINGS
8. ROOF HYDRANT, REFER TO PLUMBING DRAWINGS
9. EXISTING MEMBRANE ROOF
10. EXISTING STRUCTURE BELOW, TYP.
11. EXISTING ROOF ACCESS LADDER AND HATCH BY LANDLORD
12. EXISTING ROOF DRAINS AND OVERFLOW DRAINS
13. EXISTING GALVANIZED COPING AT T.O. PARAPET, TYP.
14. NEW RTU TO BE LOCATED AT EXISTING UNTI LOCATION, REUSE EXISTING SCREENING OR PROVIDE NEW

ROOF GENERAL NOTES

A. ALL UNUSED EXISTING ROOF TOP EQUIPMENT TO BE REMOVED. PATCH ROOF AS NECESSARY.

B. SEE STRUCTURAL DRAWINGS FOR LOCATIONS AND SIZE OF STRUCTURAL ROOF REINFORCEMENTS.

C. DIMENSIONS FOR ROOF TOP EQUIPMENT ARE TO THE OUTSIDE FACE OF CURB OR FACE OF UNIT. ALL DIMENSIONS ARE FOR REFERENCE ONLY. ROOFING CONTRACTOR TO ADJUST AS NECESSARY IN FIELD. CONTACT ENGINEERING CONSULTANTS FOR ANY MAJOR MODIFICATIONS TO LAYOUT.

D. LOCATE ALL UNITS SO DUCT DROPS BETWEEN STRUCTURE BELOW. NOTIFY ARCHITECT IMMEDIATELY IF ANY UNITS NEED TO SHIFT FROM PLAN LOCATION SHOWN.

E. REFER TO MECHANICAL PLANS FOR MECHANICAL DETAILS FOR PENETRATIONS AT RTUS AND EXHAUST FANS.

F. COORDINATE ROOF PENETRATIONS, FLASHING, & REPAIR W/ CHIPOTLE CM BEFORE COMMENCEMENT OF WORK.

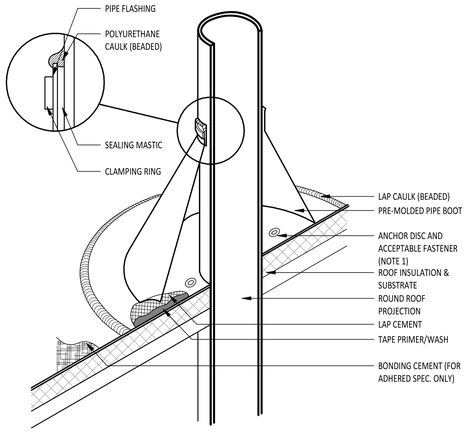
G. MOUNT CONDENSING UNITS TO ORIENT AIR INTAKE AWAY FROM GREASE EXHAUST FAN.

H. PROVIDE INSULATED CURBS FOR ALL EQUIPMENT IN EXPOSED DECK AREA ONLY.

I. PROVIDE TAPERED, INSULATED CRICKET AT ALL EQUIPMENT CURBS.

J. PATCH & REPAIR WALL/ROOF AS REQUIRED FOR SIGN INSTALLATION. COORDINATE PENETRATIONS WITH TSV

K. PROVIDE AND INSTALL ROOF TOP WALKING PADS PER ROOF MANUFACTURER REQUIREMENTS.

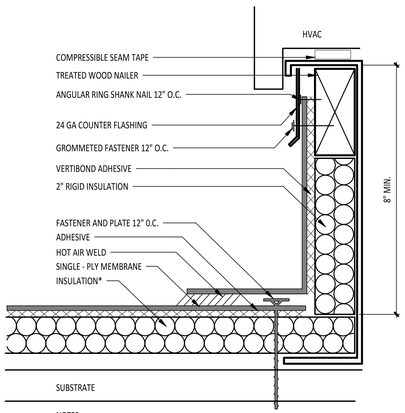


NOTE:

1. WITH MECHANICALLY FASTENED OR BALLASTED SPECIFICATIONS, MEMBRANE MUST BE MECHANICALLY ATTACHED WITH 2" (50 mm) ANCHOR DISC AND ACCEPTABLE FASTENERS (MINIMUM OF 4 PER PIPE).
2. DO NOT OVERLAP THE FLANGES FROM ADJACENT PIPE FLASHINGS.
3. ANY SEAM UNDER BOOT FLANGE TO BE TREATED AS T-JOINT.
4. BOTH SURFACES TO BE MATED MUST BE CLEANED WITH TAPE PRIMER/WASH. TAPE PRIMER/WASH MUST BE COMPLETELY DRY AND TACK FREE BEFORE APPLYING EPDM LAP CEMENT.

3 / A140 BOOT DETAIL

1/2" = 1'-0"

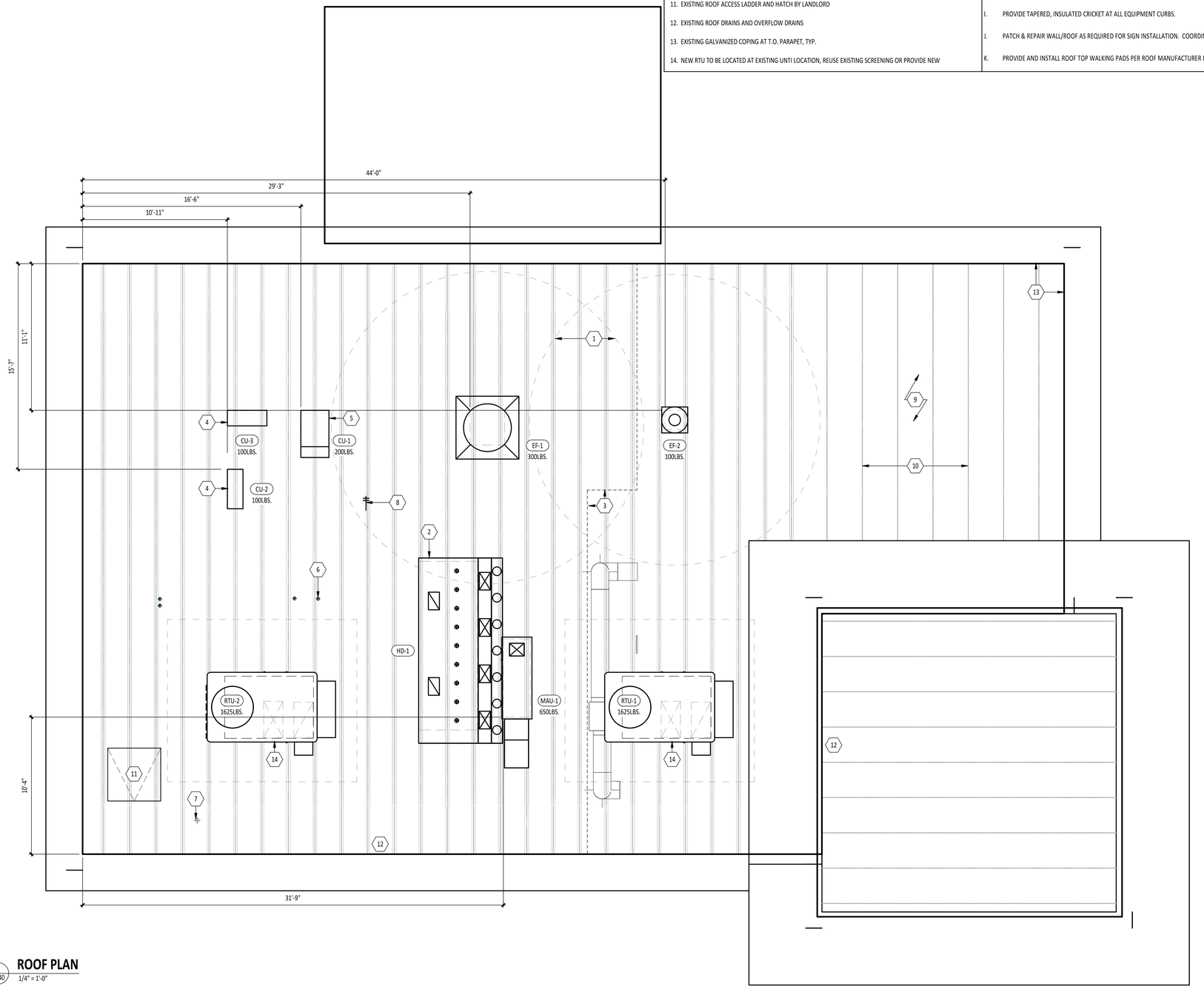


NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. USE PREFABRICATED OUTSIDE CORNERS.
4. INSULATION MUST BE SECURELY FASTENED.
5. *GLASS - FACED POLYISO INSULATION IS OPTIONAL AND MAY NOT BE REQUIRED ON EVERY PROJECT. IF INSULATION IS NOT REQUIRED, THE MEMBRANE MUST BE ADHERED TO AN APPROVED SURFACE.
6. INSTALL CRICKET AT "HIGH" SIDE OF ROOF SLOPE.

2 / A140 CURB FLASHING

1/2" = 1'-0"



1 / A140 ROOF PLAN

1/4" = 1'-0"

Consultant:

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:

ARCHITECTURAL ROOF PLAN

A140

STUD SPAN SCHEDULE & NOTES

SIZE	GAUGE	MATERIAL DESIGN THICKNESS (MILS)	ICC	MAX. SPAN @ 12" O.C.	MAX. SPAN @ 16" O.C.	MAX. SPAN @ 24" O.C.
SINGLE SPAN						
3 5/8"	20	33	362S162-33	11'-0"	10'-0"	8'-4"
6"	20	33	600S162-33	16'-6"	14'-9"	12'-0"
DOUBLE OR TRIPLE SPAN						
3 5/8"	20	33	362S162-33	13'-3"	11'-6"	9'-4"
6"	20	33	600S162-33	16'-10"	13'-10"	10'-2"

I. ALL SPANS REFER TO UNSUPPORTED SPANS

II. BASED ON INTERIOR LIMITING SPAN TABLES. CEILINGS W/ ONE LAYER GYP. BD. (L/240 DEFLECTION - 20 PSF LOAD) PER LATEST SSMA PRODUCT TECHNICAL INFORMATION BULLETIN, REFER TO SPEC. SECTION 09260

III. METAL STUD CEILING SYSTEMS TO FOLLOW ASTM C754 & ASTM 645

IV. MATERIAL DESIGN THICKNESS IS THE BASE METAL THICKNESS IN MILS. MINIMUM ALLOWED BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS

LIGHT FIXTURE SCHEDULE

ITEM #	QTY	MOUNT	DESCRIPTION	REMARKS
A1	10	LAY-IN	2x2 LENSED TROFFER	SEE SHEET E100
B1	29	CEILING	RECESSED 6IN CAN LIGHT	SEE SHEET E100
B2	6	CEILING	RECESSED 6IN CAN LIGHT	SEE SHEET E100
C0	2	SURFACE	LOW PROFILE LED 1FT	SEE SHEET E100
C2	2	SURFACE	LOW PROFILE LED 3FT	SEE SHEET E100
C3	7	SURFACE	LOW PROFILE LED 4FT	SEE SHEET E100
C4	8	SURFACE	LOW PROFILE LED 5FT	SEE SHEET E100
E1	1	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
E2	2	VARIOUS	EMERGENCY LIGHT - SINGLE HEAD	SEE SHEET E100
E4	6	VARIOUS	WHITE EXIT LIGHT - STANDARD RED LETTERS	SEE SHEET E100
E7	7	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
H1	9	SURFACE	HOOD LIGHT	SEE SHEET E100
J4	2	PENDANT	M4.0 - PENDANT LIGHT	SEE SHEET E100
P5	6	PENDANT	M4.0 - PENDANT LIGHT	SEE SHEET E100
P6	2	PENDANT	M4.0 - MULTI-PENDANT LIGHT	SEE SHEET E100 & A701
P7	7	PENDANT	EXTERIOR BLACK CYLINDRICAL PENDANT	SEE SHEET E100
S1	8	SURFACE	EXTERIOR BLACK WALL SCONCE	SEE SHEET E100
T1	14	TRACK	TRACK LIGHTING HEAD	SEE SHEET E100
T-6	4	SUSPENDED	M4.0 - TRACK 6'	SEE SHEET E100
T-8	1	SUSPENDED	M4.0 - TRACK 8'	SEE SHEET E100
X9	2	SURFACE	LED CHANNEL LIGHT	SEE SHEET E100

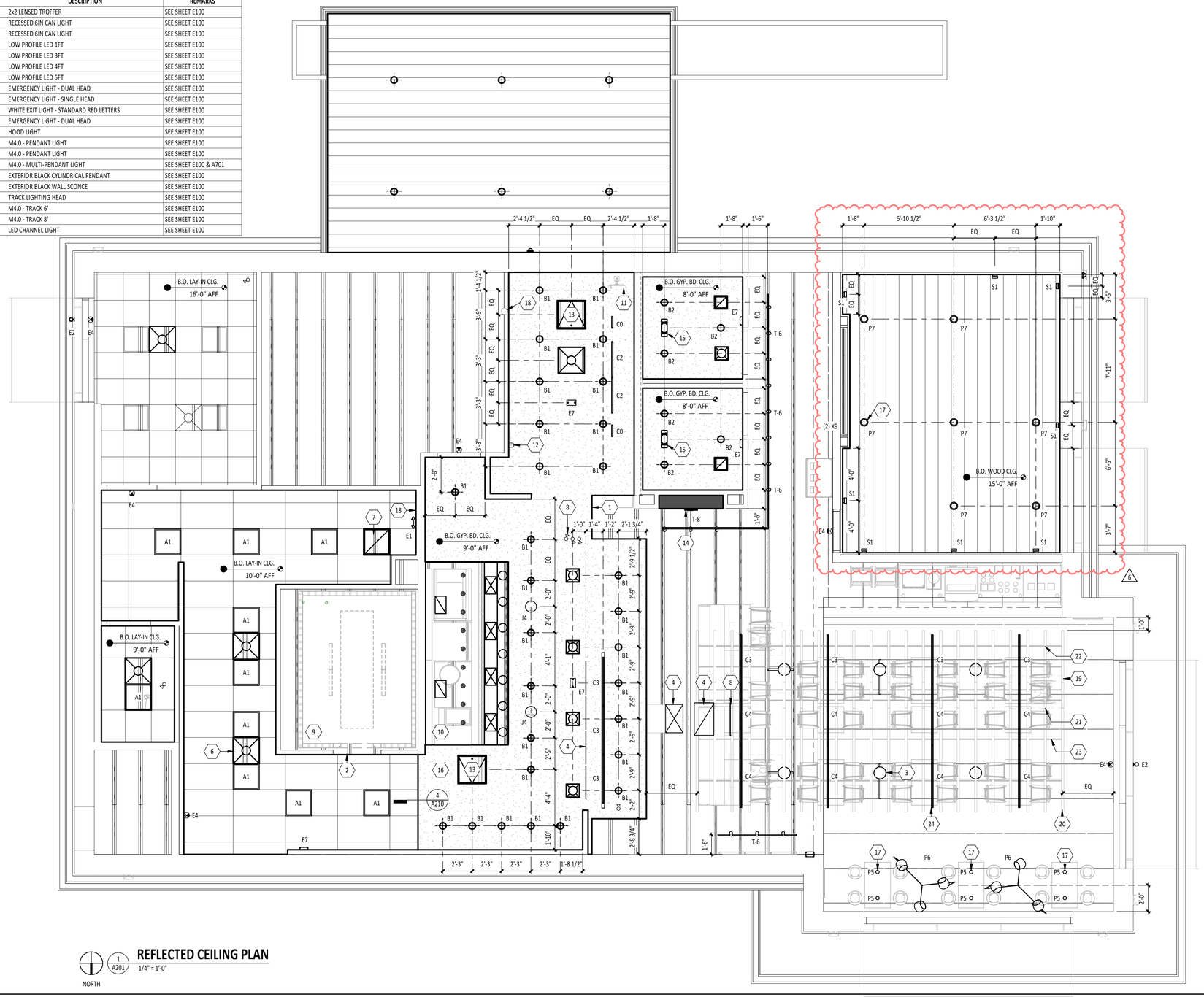
SECURITY SYSTEM

(REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION)

DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	UTILITIES				REMARKS
				ELEC	GAS	SEWER	WATER	
SECURITY MONITOR	1	SSS	SSS	•				
SECURITY ALARM - MOTION DETECTORS	1	T.B.D.	T.B.D.	•				GC RESPONSIBLE FOR COORDINATING SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES)
72 HR SECURITY DVR	1	SSS	SSS	•				
CLOSED CIRCUIT T.V. CAMERA - OUTDOOR	2	SSS	SSS	•				INSTALL AT 9'-6" U.N.O.
CLOSED CIRCUIT T.V. CAMERA - INDOOR	6	SSS	SSS	•				

SPEAKER SCHEDULE

ITEM #	QTY	DESCRIPTION	COLOR/FINISH	MOUNT	REMARKS
SP1	6	DINING ROOM SPEAKER	BLACK	SUSPENDED	REFER TO A201 & E110 FOR DETAILS



1 A201 **REFLECTED CEILING PLAN**
1/4" = 1'-0"
NORTH

RCP GENERAL NOTES

A. ALL INTERIOR LIGHT FIXTURES AND LAMPS PROVIDED BY TENANT'S LIGHT/LAMP SUPPLIER AND INSTALLED BY GC. REVIEW LIGHTING FIXTURE SCHEDULE.

B. KITCHEN EXHAUST HOOD PROVIDED BY HS AND INSTALLED BY GC. GC TO COORDINATE PRESSURE TEST AND VIRO GUARD WITH ENVIROMATIC, INC.

C. ANSUL BOX & FIRE SUPPRESSION SYSTEM PROVIDED BY AND INSTALLED BY HS. HOOD INTERLOCK BY GC. ELECTRICAL CONNECTION BY GC, RE: ELEC.

D. PROVIDE BLOCKING ABOVE MENU BOARD ASSEMBLY FOR INSTALLATION, REFER TO CEILING DETAILS

E. REFER TO SPECIFICATIONS FOR FINISHES AT EXPOSED CEILING AREAS IN ADDITION TO NOTES LISTED ON THIS SHEET AND FINISH PLAN.

F. UNISTRUT TO BE LEFT UNPAINTED. PROVIDE MATCHING CLOSER STRIPS AND END CAPS. CLOSER STRIP TO BE APPLIED TO THE UNDERSIDE OF THE UNISTRUT.

G. ALL HEIGHTS ARE TO B.O. FIXTURE U.N.O. REFER TO CEILING DETAILS. REFER TO FIXTURE AND LAMP SPECIFICATIONS ON ELECTRICAL DRAWINGS.

H. ALL UNISTRUT SUPPORTING CEILING ELEMENTS AND / OR DUCT WORK SHALL NOT CONTAIN ANY ELECTRICAL CONDUIT. ALL ELECTRICAL CONDUIT MUST RUN SEPARATELY.

I. ALL UNISTRUT, CONDUIT, SPRINKLER & WATER LINES SHALL BE INSTALLED TO THE BOTTOM OF THE DECK OR AS SHOWN IN DETAILS AND LEFT UNPAINTED.

J. ALL DIMENSIONS TO EXTERIOR OR EXISTING WALLS ARE TO THE FINISH FACE OF THE GYP. BD. DIMENIONS TO FIXTURES ARE TO THE CENTERLINE, U.N.O.

K. SEE ELECTRICAL DRAWINGS FOR SHATTER RESISTANT LAMP LOCATIONS

L. ALL EMERGENCY FIXTURES, LIGHTS AND STROBES SHALL BE ALIGNED OR CENTERED ON WALLS.

M. FULL CERAMIC TILE COURSING SHALL TAKE PRECEDENT OVER ANY CEILING/HEADER DIMENSION INDICATED IN THE PLAN, REFER TO FINISH PLAN.

N. ALL CONDUIT AND PIPE PENETRATIONS OF THE SERVING LINE SOFFIT ARE TO BE HELD TIGHT TO THE DECK. CONSULT WITH THE TENANT CM SHOULD ANY CONFLICTS ARISE.

O. SOUND BATT INSULATION TO BE INSTALLED ABOVE THE RESTROOM CEILING.

P. ALL LAY-IN CEILING PENETRATIONS TO BE HELD TIGHT TO WALLS, REFER TO CEILING DETAILS.

Q. SECURITY CAMERA LOCATIONS ARE ONLY APPROXIMATE LOCATIONS. FOR GUIDANCE ON THE SPECIFIC LOCATION/ORIENTATION OF THESE CAMERAS, REFER TO THE ENVYSION INSTALLATION GUIDE.

R. COORDINATE FINAL SPRINKLER HEAD LOCATIONS WITH ARCHITECT VIA SHOP DRAWINGS.

S. REFER TO STRUCTURAL DRAWINGS FOR HOOD SUSPENSION DETAILS.

T. EXTERIOR PARKING LOT, BUILDING MOUNTED, AND PATIO LIGHT FIXTURES AND LAMPS ARE EXISTING, U.N.O.

CONDUIT GUIDELINES

REFER TO ELECTRICAL DRAWINGS FOR CONDUIT REQUIREMENTS. METAL CLAD CABLE AND FLEXIBLE METAL CONDUIT SHALL NOT BE INSTALLED IN AREAS EXPOSED TO VIEW, U.N.O.

KEY NOTES (X)

1. FACE OF GYP. BD. SOFFIT
2. FRP HEADER OVER WALK-IN COOLER DOOR, REFER TO INTERIOR ELEVATIONS
3. SPEAKER, TYP. REFER TO SPEAKER SCHEDULE & CEILING DETAILS
4. EXPOSED DUCTWORK, REFER TO MECHANICAL DRAWINGS AND INTERIOR ELEVATIONS
5. MENU BOARD, REFER TO CEILING DETAILS
6. HVAC DIFFUSER, REFER TO MECH.
7. HVAC RETURN GRILL, REFER TO MECH.
8. SECURITY CAMERA, REFER TO SECURITY SYSTEM SCHEDULE
9. LIGHTS BY COOLER MANUFACTURER, E.C. TO PROVIDE ROUGH IN & INSULATION
10. LIGHTS BY EXHAUST HOOD MANUFACTURER
11. MONITOR BY TENANT'S VENDOR
12. CHIME / STROBE, REFER TO ELECTRICAL
13. 24" X 24" ACCESS PANEL (ACUDOR, UNIVERSAL FLUSH, ED-2002, COLOR: WHITE)
14. MOBILE ORDER PICK-UP SIGN
15. AIR PURIFIER, REFER TO MECHANICAL AND ELECTRICAL DRAWINGS
16. FREE AND CLEAR ACCESS TO HOOD REQUIRED, COORDINATE ALL TRADES TO MAINTAIN
17. CENTER LIGHT OVER TABLE, TYP.
18. SODA LINE IN DRYER BOX AND 6" PVC CONCEALED IN WALL TO ABOVE CEILING, REFER TO FINISH DETAILS
19. ACOUSTICAL BAFFLE CEILING SYSTEM, INSTALL PER MANUFACTURER'S DETAILS
20. BAFFLE END CAP AT EXPOSED ENDS, TYP.
21. BAFFLE INTERNAL SPLINE CONNECTOR, TYP.
22. HEAVY DUTY MAIN TEE, REFER TO CEILING DETAILS
23. HEAVY DUTY CROSS TEE, REFER TO CEILING DETAILS
24. LINEAR LIGHT FIXTURE, CENTER BETWEEN BAFFLES, TYP.

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

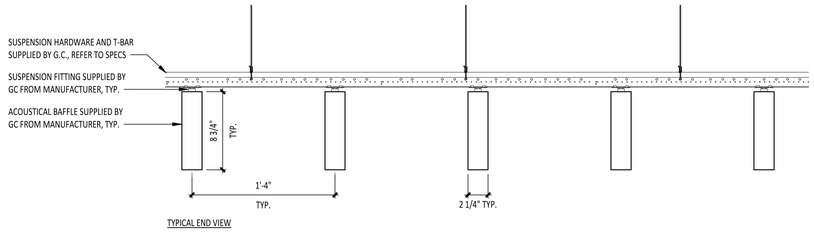
2	09/08/2021	CLIENT REVISION
6	12/13/2021	PLANNING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

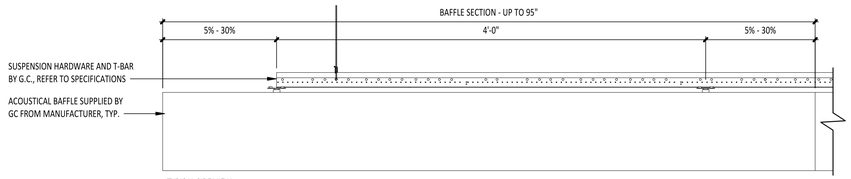
Project No.
030721

Contents:
REFLECTED CEILING PLAN

A201

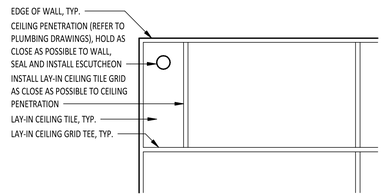


TYPICAL END VIEW

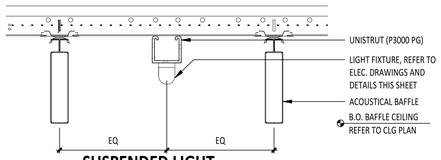


TYPICAL SIDE VIEW

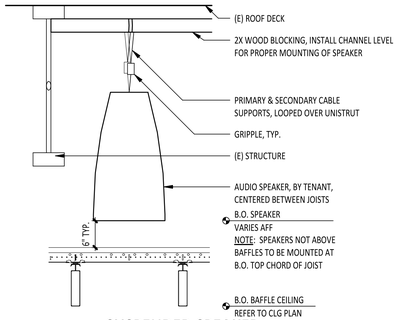
10 A210 **ACOUSTICAL BAFFLE LAYOUT**
1 1/2" = 1'-0"



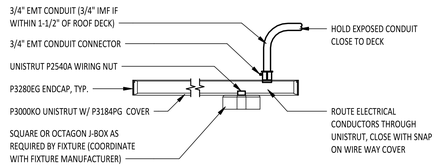
9 A210 **TYPICAL LAY-IN CEILING PENETRATION**
3/4" = 1'-0"



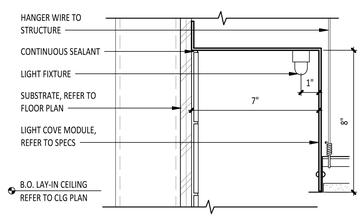
8 A210 **SUSPENDED LIGHT**
3" = 1'-0"



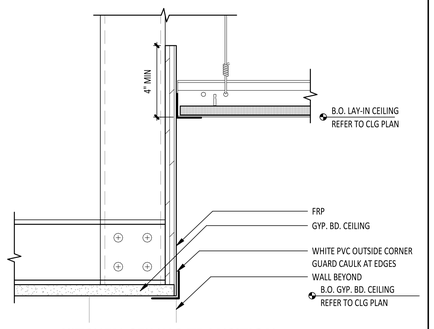
7 A210 **SUSPENDED SPEAKER**
1 1/2" = 1'-0"



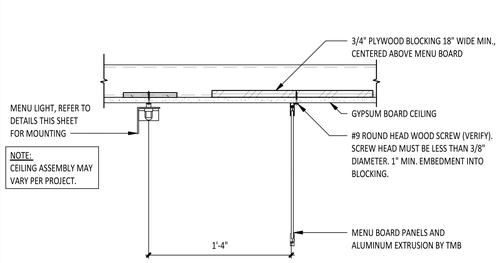
6 A210 **TYPICAL UNISTRUT INSTALLATION**
1 1/2" = 1'-0"



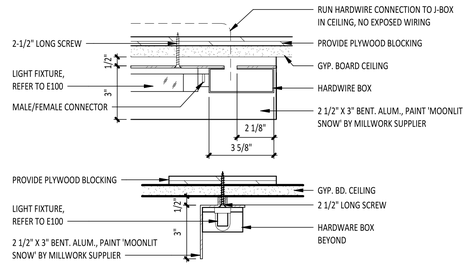
5 A210 **LAY-IN CEILING LIGHT COVE**
3" = 1'-0"



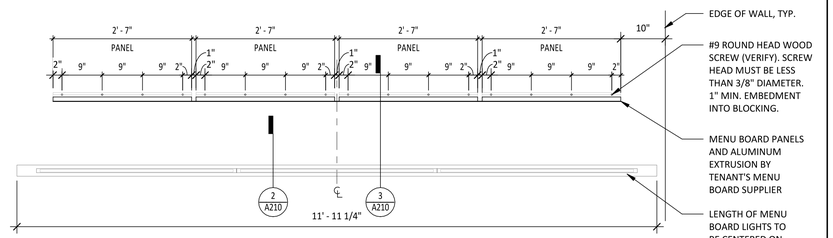
4 A210 **KITCHEN CEILING TRANSITION**
3" = 1'-0"



3 A210 **MENU BOARD DETAIL**
1 1/2" = 1'-0"



2 A210 **MENU BOARD LIGHT**
3" = 1'-0"



1 A210 **MENU - SCREW PATTERN PLAN**
3/4" = 1'-0"

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

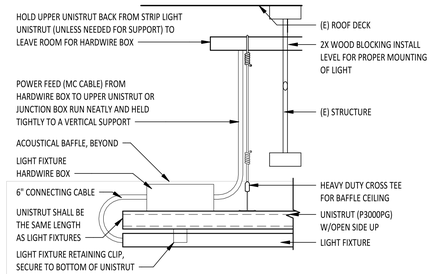
2	09/08/2021	CLIENT REVISION

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

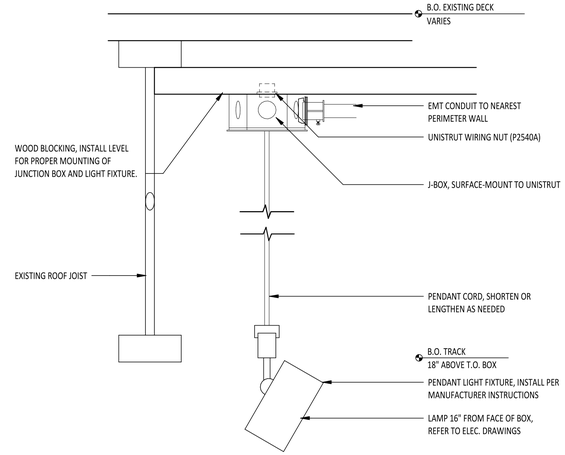
Project No.
030721

Contents:
CEILING DETAILS

A210

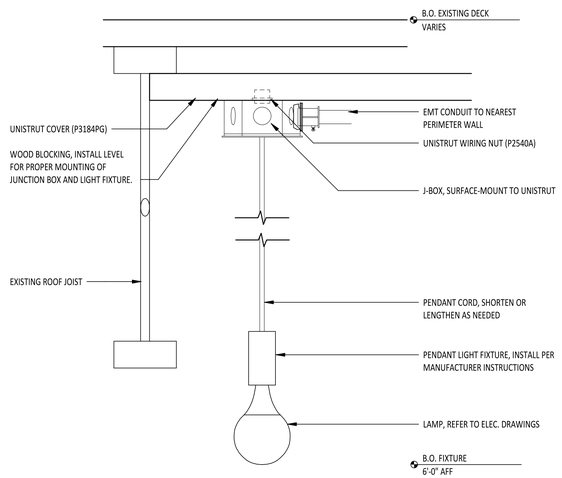


4 A211 **SUSPENDED STRIP LIGHT CONNECTION**
3" = 1'-0"

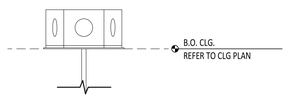


JUNCTION BOX CONDITION @ EXPOSED DECK

3 A211 **TRACK LIGHT FIXTURE**
3" = 1'-0"



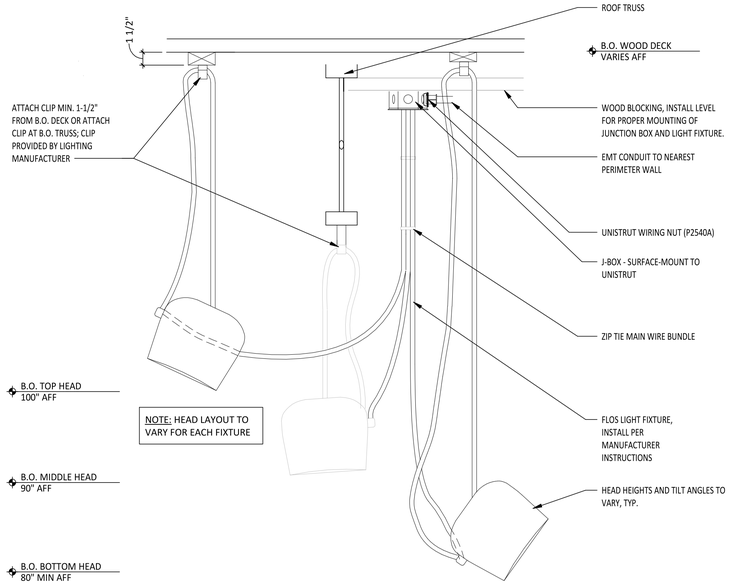
JUNCTION BOX CONDITION @ EXPOSED DECK



JUNCTION BOX CONDITION @ CEILING

NOTE: WHERE LIGHT FIXTURE IS TO BE INSTALLED ON CEILING, RECESS J-BOX & INSTALL FIXTURE MOUNTING PLATE DIRECTLY ONTO CEILING

2 A211 **PENDANT LIGHT FIXTURE**
3" = 1'-0"



1B A211 **PENDANT LIGHT FIXTURE**
1 1/2" = 1'-0"

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:	
07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:	
2 09/08/2021	CLIENT REVISION

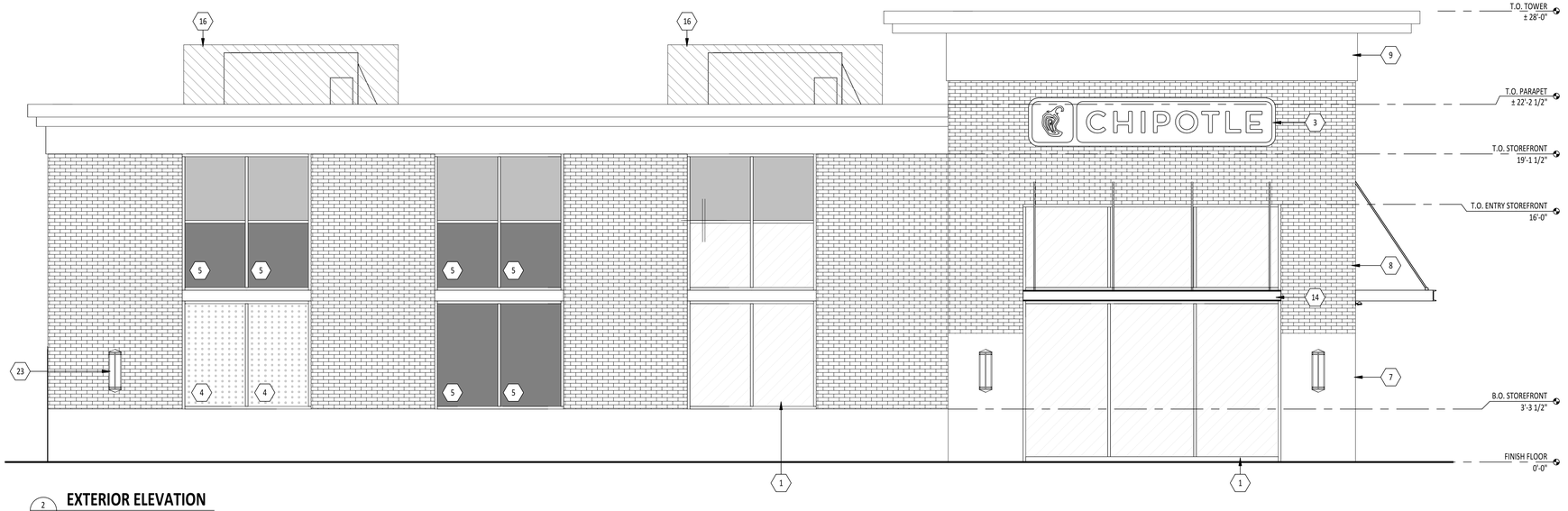
Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

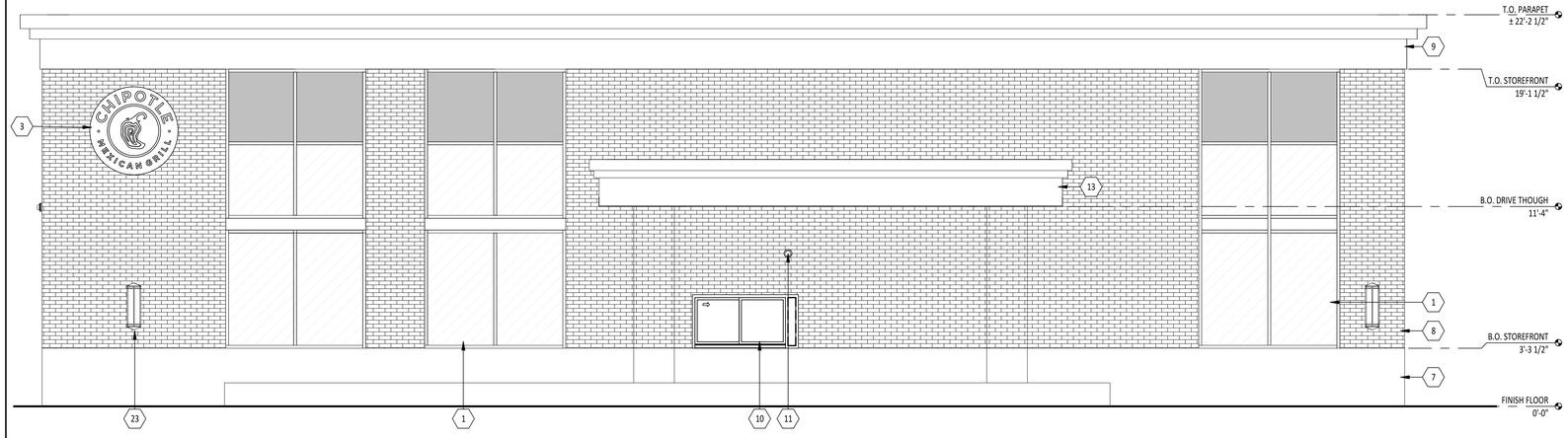
Contents:

LIGHTING DETAILS

A211



2 A301 **EXTERIOR ELEVATION**
1/4" = 1'-0"



1 A301 **EXTERIOR ELEVATION**
1/4" = 1'-0"

EXT. ELEVATION GENERAL NOTES

A. REFER TO EXTERIOR ELEVATIONS THIS SHEET FOR EXTERIOR SIGNAGE LOCATIONS, SIZES & DESCRIPTIONS. SIGNAGE IS SHOWN ONLY FOR PLACEMENT AND SCALE.

B. ALL EXTERIOR SIGNAGE (FOR REVIEW UNDER SEPARATE PERMIT, NOT PART OF THIS PERMIT SET) PROVIDED BY TSV AND INSTALLED BY TSV. GC TO MAKE FINAL CONNECTION.

C. MOUNT REMOTE FILLER PORT BETWEEN 36" AND 48" ABOVE GRADE, AND AT LEAST 12" FROM ANY ADJACENT OBJECTS, VERIFY LOCATION WITH CHIPOTLE CM

WINDOW FILM NOTES

WINDOW FILM TO BE INSTALLED BY A CERTIFIED INSTALLER ON THE INTERIOR OF GLASS PER SPECIFICATIONS BELOW:

PERFORATED FILM: 3M FASARA LUNA 9 (SH2PCL9) - PROVIDED BY AND INSTALLED BY SIGN VENDOR

OPAQUE FILM: 3M FASARA MILKY CRYSTAL (SH2MLCRX) - PROVIDED AND INSTALLED BY SIGN VENDOR

KEY NOTES (X)

1. (E) ALUMINUM STOREFRONT SYSTEM, TYP.
2. HARDWARE & SIGNAGE ON (E) DOOR(S)
3. SIGNAGE, UNDER SEPARATE PERMIT, COORDINATE BLOCKING W/ TSV
4. PERFORATED FILM ON (E) STOREFRONT, UNDER SEPARATE PERMIT
5. SPANDREL GLASS IN (E) STOREFRONT, REFER TO SPECIFICATIONS
6. REMOVE (E) GLASS FROM FRAME, FRAME TO REMAIN
7. (E) CONCRETE WALL, TO REMAIN UNFINISHED
8. (E) BRICK VENEER, TO REMAIN UNFINISHED
9. (E) WOOD CORNICE, REFINISH TO MATCH EXISITNG FINISH
10. PICK-UP WINDOW W/ INTEGRATED AIR CURTAIN
11. SECURITY CAMERA, REFER TO REFLECTED CEILING PLAN
12. REMOTE CO2 FILLER PORT, MOUNT 36"-48" ABOVE GRADE
13. (E) CANOPY OVER CHIPOTLANE
14. (E) METAL CANOPY
15. PATIO RAILING
16. SCREEN RTU W/ EXISTING SCREEN OR PROVIDE NEW
17. (E) DOOR TO FIRE RISER
18. (N) STUCCO, TO MATCH 'FOG' COLOR
19. (N) STUCCO, TO MATCH 'KNIGHT'S ARMOR' COLOR
20. (N) STOREFRONT SYSTEM TO MATCH EXISTING
21. HARDWARE & SIGNAGE ON (N) DOORS
22. (N) ARTWORK
23. (E) EXTERIOR LIGHT, TO REMAIN, TYP.

(E) GLASS TO BE REMOVED, WINDOW FRAME TO REMAIN

(E) GLASS TO REMAIN

(E) SOLID PANEL TO REMAIN

(E) GLASS W/ (N) PERORATED FILM

(E) GLASS TO BE REPLACED W/ (N) SPANDREL GLAZING

Consultant:

HARLAN R. FAUST ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140

GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

5	10/28/2021	PLANNING COMMENTS

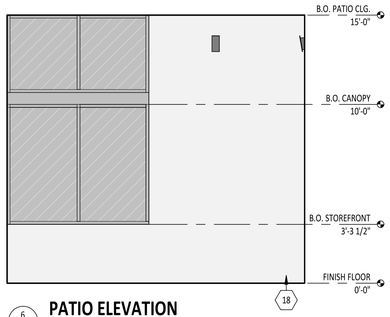
Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

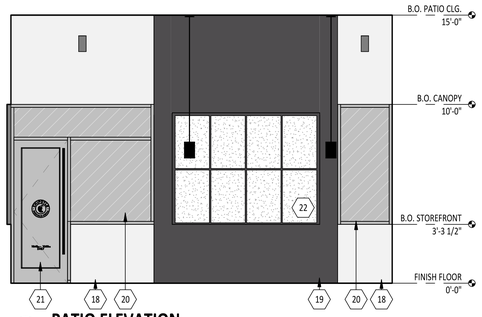
Contents:

ELEVATIONS - EXTERIOR

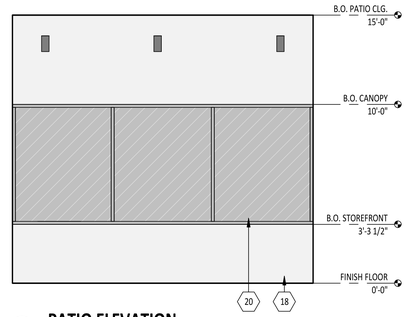
A301



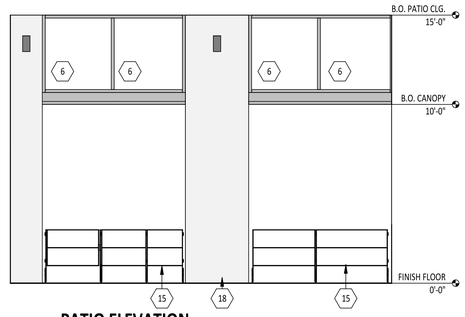
6 A302 **PATIO ELEVATION** 1/4" = 1'-0"



5 A302 **PATIO ELEVATION** 1/4" = 1'-0"

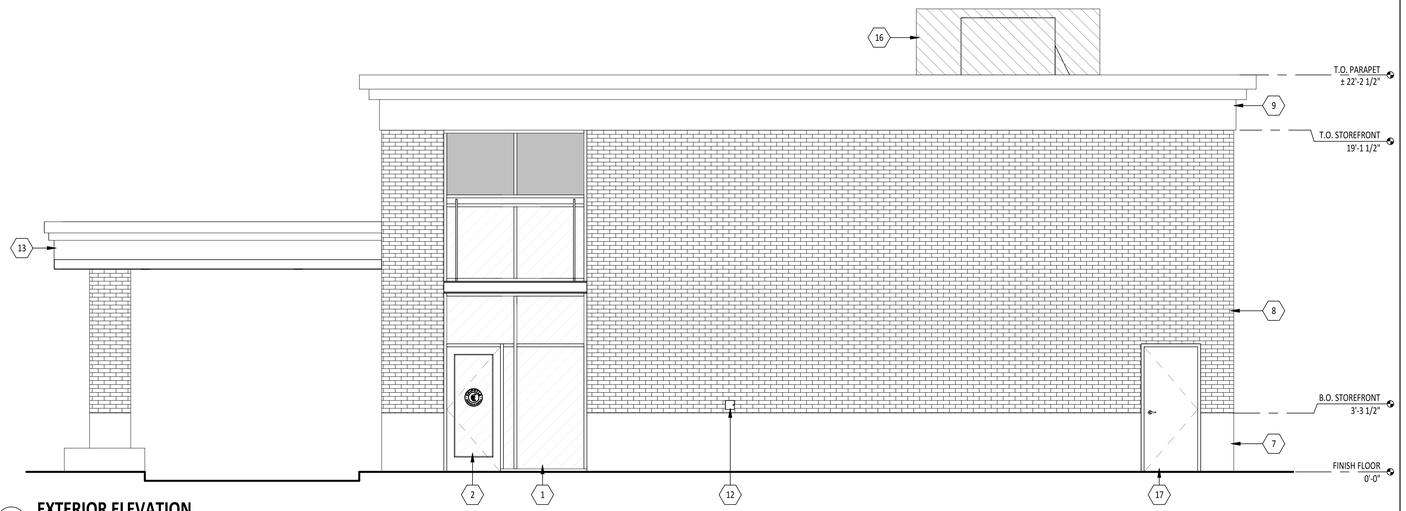


4 A302 **PATIO ELEVATION** 1/4" = 1'-0"



3 A302 **PATIO ELEVATION** 1/4" = 1'-0"

6



2 A302 **EXTERIOR ELEVATION** 1/4" = 1'-0"



1 A302 **EXTERIOR ELEVATION** 1/4" = 1'-0"

FACADE AREA:	1,311.65 SF
EXISTING WINDOW AREA:	451.82 SF
PERCENTAGE:	34.45%
NEW WINDOW AREA:	322.42 SF
PERCENTAGE:	24.58%

EXT. ELEVATION GENERAL NOTES

A. REFER TO EXTERIOR ELEVATIONS THIS SHEET FOR EXTERIOR SIGNAGE LOCATIONS, SIZES & DESCRIPTIONS. SIGNAGE IS SHOWN ONLY FOR PLACEMENT AND SCALE.

B. ALL EXTERIOR SIGNAGE (FOR REVIEW UNDER SEPARATE PERMIT, NOT PART OF THIS PERMIT SET) PROVIDED BY TSV AND INSTALLED BY TSV. GC TO MAKE FINAL CONNECTION.

C. MOUNT REMOTE FILLER PORT BETWEEN 36" AND 48" ABOVE GRADE, AND AT LEAST 12" FROM ANY ADJACENT OBJECTS, VERIFY LOCATION WITH CHIPOTLE CM

WINDOW FILM NOTES

WINDOW FILM TO BE INSTALLED BY A CERTIFIED INSTALLER ON THE INTERIOR OF GLASS PER SPECIFICATIONS BELOW:

PERFORATED FILM: 3M FASARA LUNA 9 (SH2PCL9) - PROVIDED BY AND INSTALLED BY SIGN VENDOR

OPAQUE FILM: 3M FASARA MILKY CRYSTAL (SH2MLCRX) - PROVIDED AND INSTALLED BY SIGN VENDOR

KEY NOTES (X)

1. (E) ALUMINUM STOREFRONT SYSTEM, TYP.
2. HARDWARE & SIGNAGE ON (E) DOOR(S)
3. SIGNAGE, UNDER SEPARATE PERMIT, COORDINATE BLOCKING W/ TSV
4. PERFORATED FILM ON (E) STOREFRONT, UNDER SEPARATE PERMIT
5. SPANDREL GLASS IN (E) STOREFRONT, REFER TO SPECIFICATIONS
6. REMOVE (E) GLASS FROM FRAME, FRAME TO REMAIN
7. (E) CONCRETE WALL, TO REMAIN UNFINISHED
8. (E) BRICK VENEER, TO REMAIN UNFINISHED
9. (E) WOOD CORNICE, REFINISH TO MATCH EXISITNG FINISH
10. PICK-UP WINDOW W/ INTEGRATED AIR CURTAIN
11. SECURITY CAMERA, REFER TO REFLECTED CEILING PLAN
12. REMOTE CO2 FILLER PORT, MOUNT 36"-48" ABOVE GRADE
13. (E) CANOPY OVER CHIPOTLANE
14. (E) METAL CANOPY
15. PATIO RAILING
16. SCREEN RTU W/ EXISTING SCREEN OR PROVIDE NEW
17. (E) DOOR TO FIRE RISER
18. (N) STUCCO, TO MATCH 'FOG' COLOR
19. (N) STUCCO, TO MATCH 'KNIGHT'S ARMOR' COLOR
20. (N) STOREFRONT SYSTEM TO MATCH EXISTING
21. HARDWARE & SIGNAGE ON (N) DOORS
22. (N) ARTWORK
23. (E) EXTERIOR LIGHT, TO REMAIN, TYP.

CHARCOAL BREAK METAL

EIFS, 'FOG' COLOR

(E) GLASS TO BE REMOVED, WINDOW FRAME TO REMAIN

(E) GLASS W/ (N) PERORATED FILM

(E) GLASS TO REMAIN

(E) GLASS TO BE REPLACED W/ (N) SPANDREL GLAZING

(E) SOLID PANEL TO REMAIN

Consultant:

HARLAN R. FAUST ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140

GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

4	10/19/2021	CLIENT COMMENTS
5	10/28/2021	PLANNING COMMENTS
6	12/13/2021	PLANNING COMMENTS

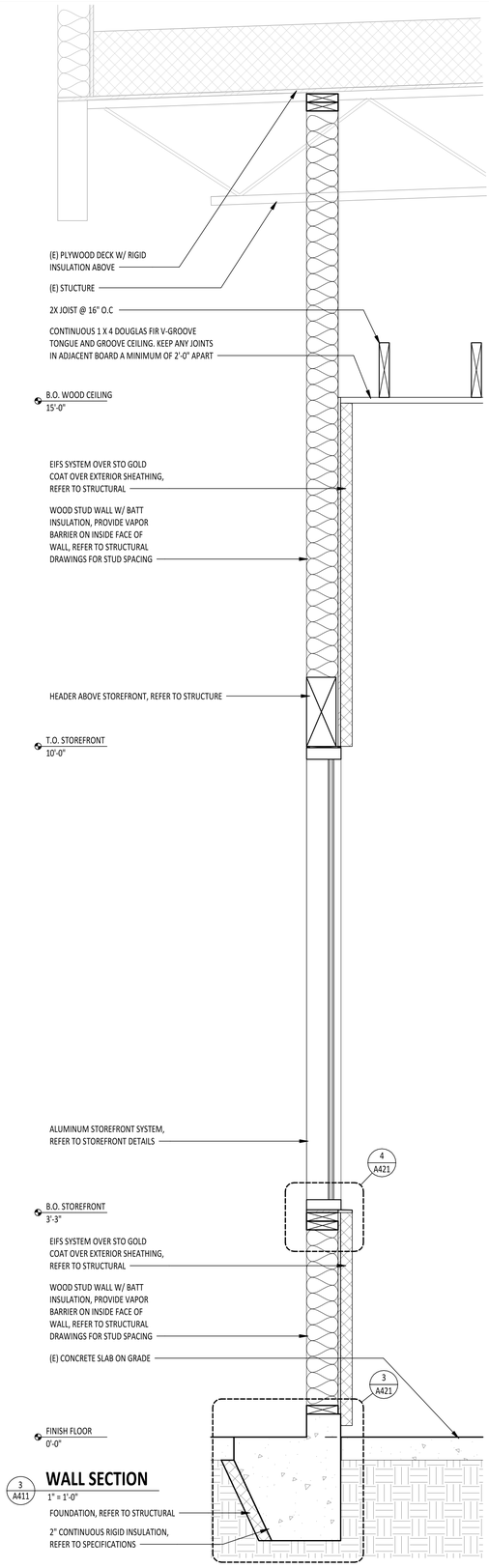
Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

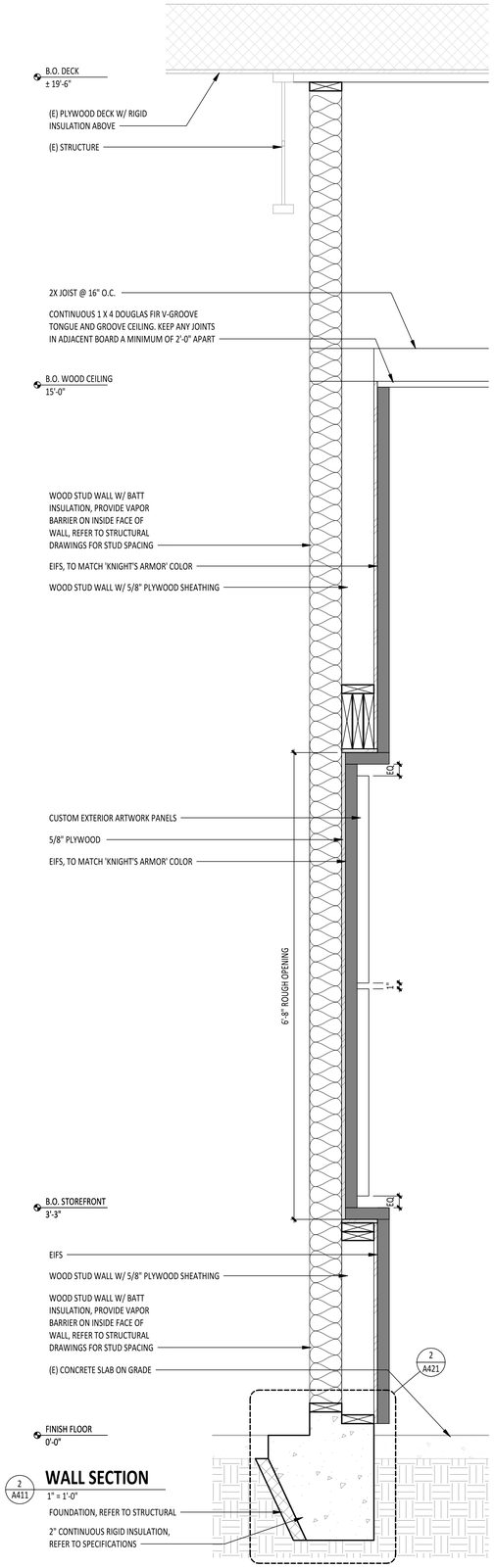
Contents:

ELEVATIONS - EXTERIOR

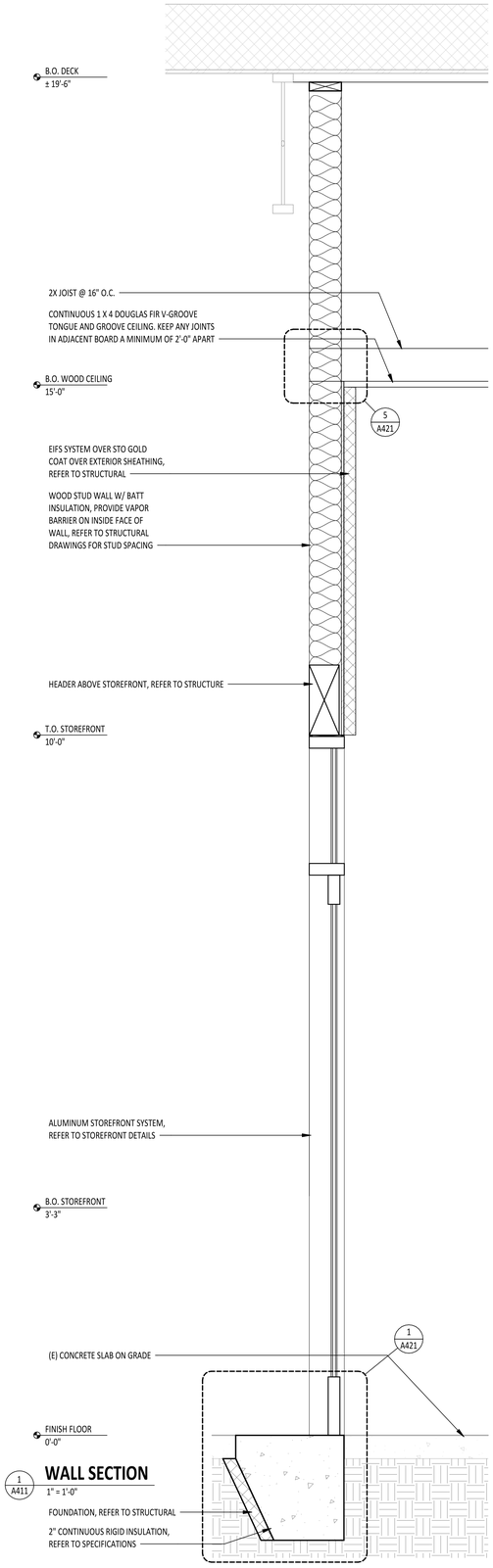
A302



3 A411 **WALL SECTION** 1" = 1'-0"



2 A411 **WALL SECTION** 1" = 1'-0"



1 A411 **WALL SECTION** 1" = 1'-0"

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

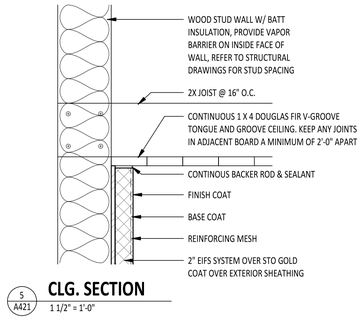
4	10/19/2021	CLIENT COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

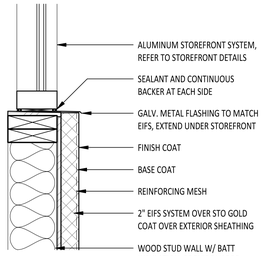
Project No.
030721

Contents:
WALL SECTIONS

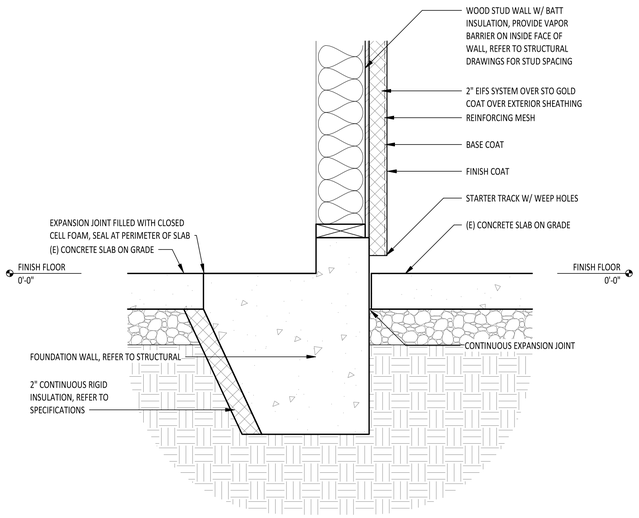
A411



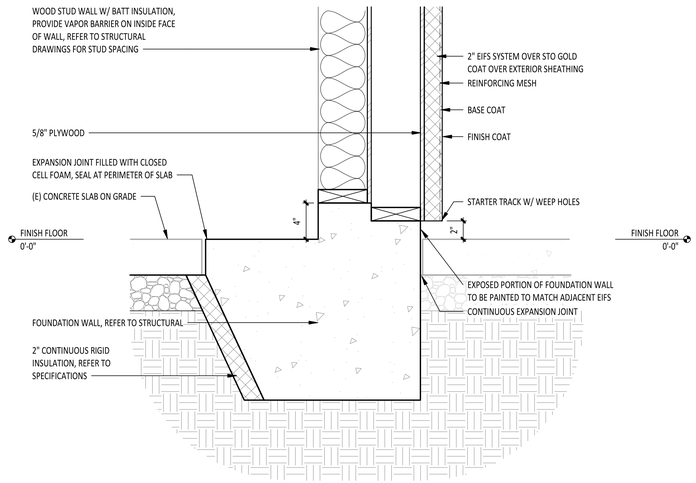
5 A421 **CLG. SECTION**
1 1/2" = 1'-0"



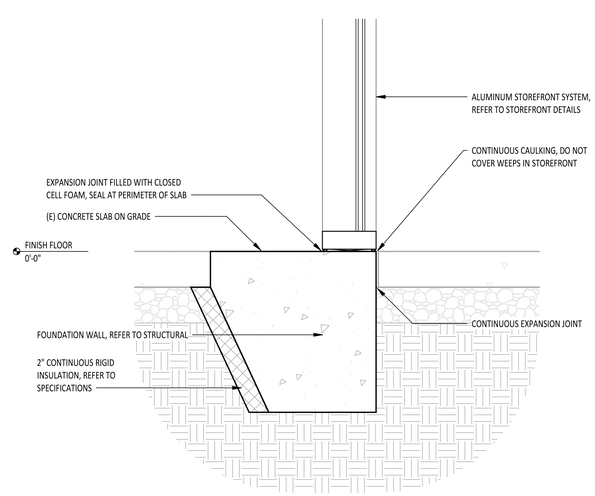
4 A421 **SILL SECTION**
1 1/2" = 1'-0"



3 A421 **FOUNDATION SECTION**
1 1/2" = 1'-0"



2 A421 **FOUNDATION SECTION**
1 1/2" = 1'-0"



1 A421 **FOUNDATION SECTION**
1 1/2" = 1'-0"

Consultant:
HARLAN R. FAUST
ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:	
07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:	
10/19/2021	CLIENT COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
SECTION DETAILS

A421

Sto EIFS NExT

ATTENTION WWW.STOCORP.COM

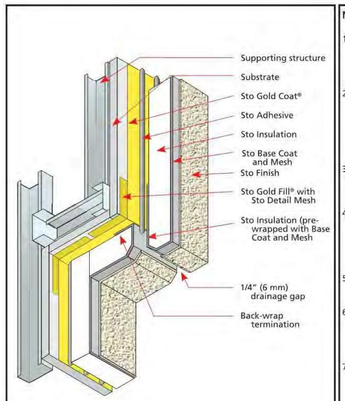
Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components. STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME. For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, www.stocorp.com.

Sto details are illustrations of construction. They are guidelines, intended for use by the design/construction professional, to assist in developing project specific details. They should be modified where necessary to accomodate individual project conditions. Refer to appropriate Sto specification for design requirements. Refer to local building code for any special requirements.

StoTherm™ NExT
Unvented Insulated Soffit (without Starter Track)

Detail No.: 10.33

Date: October 2007



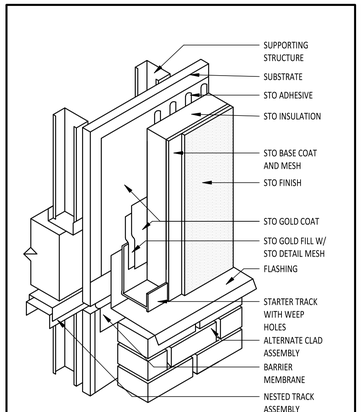
Notes:

1. Where wall/soffit are subject to differential movement provide a joint at the inside corner.
2. For multi-story buildings of noncombustible construction, verify conformance of detail with fire testing criteria.
3. Install EIFS on soffit with back wrap edge in line with fascia substrate.
4. Prewrap fascia insulation to provide a minimum of 2.5" (65 mm) of base coat and mesh contact area with the substrate.
5. Limit fascia insulation overhang to 2" (50 mm) maximum.
6. Install insulation with vertical ribbons of adhesive to provide 1/4" (6 mm) +/- drainage gap.
7. Sealant with weeps at drainage opening is optional, depending on project conditions.

ATTENTION **www.stocorp.com**

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components. STO CORP. DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME. For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, www.stocorp.com.

10 / A422 **EIFS UNVENTED INSULATED SOFFIT (WITHOUT STARTER TRACK)**
1 1/2" = 1'-0"



Sto Gold Coat and Sto Gold Fill are registered trademarks of Sto Corp.

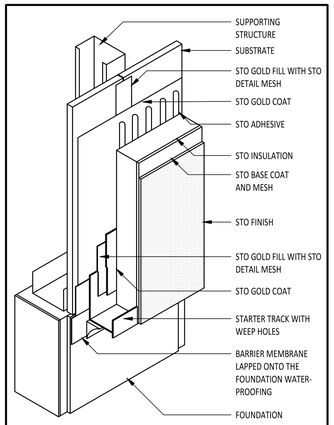
Notes:

1. Do not attached upper sheathing to nested track. Only attach lower sheathing to nested track.
2. The maximum allowable sheathing span at the floor line is 8" (200mm) or as recommended by the sheathing manufacturer.
3. Provide flashing minimum 4" (100mm) behind the Sto EIFS and project beyond the face of the alternate cladding below.
4. Consider the amount of movement in the alternate cladding material, especially if a different structural support system exists for that cladding. Position flashing to accommodate movement and ensure drainage to the exterior.
5. Determine installation sequence in advance of construction.

Detail No: 10.42

Date: September 2001

8 / A422 **EIFS HORIZONTAL JOINT AT DISSIMILIAR MATERIAL**
1 1/2" = 1'-0"



Sto Gold Coat and Sto Gold Fill are registered trademarks of Sto Corp.

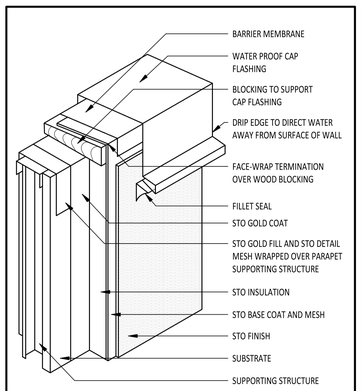
Notes:

1) Protect wall assembly from rising damp.
2) Terminate system a minimum of 8" (200mm) above grade or as required by code.
3) Direct sprinklers away from the wall.
4) Protect the wall from dirt accumulation by covering exposed earth where back splash may occur.
5) Provide ulra-high impact resistance (Sto Detail 1.00b) to a minimum height of 6'-0" (1.8m) above finished grade at areas accessible to pedestrian traffic and other areas exposed to abnormal stress or impact.

Detail No: 10.10B

Date: September 2007

7 / A422 **EIFS TERMINATION AT GRADE**
1 1/2" = 1'-0"



Sto Gold Coat and Sto Gold Fill are registered trademarks of Sto Corp.

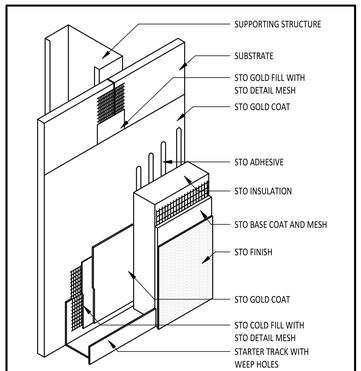
Notes:

1. Provide a barrier membrane over the parapet and integrate it with the roofing or deck waterproofing assembly. This provides air barrier continuity over the parapet and secondary weather protection under the cap flashing.
2. Provide minimum 2.5" (65mm) overlap of flashing over face of EIFS. Increase overlap with building height.
3. Install Sto Guard System over parapet supporting structure lapping onto compatible sheathing.

Detail No: 10.42

Date: September 2001

9 / A422 **EIFS TERMINATION AT PARAPET**
1 1/2" = 1'-0"



Sto Gold Coat and Sto Gold Fill are registered trademarks of Sto Corp.

Notes:

Details show the components of a Sto Exterior Insulation Finish System (EIFS) with Gold Guard Moisture Protection

Sto Gold Guard

1. Sto Gold Fill w/ Sto Detail Mesh
2. Sto Gold Coat

Sto EIFS:

1. Sto adhesive
2. Sto insulation
3. Sto base coat
4. Sto mesh
5. Sto finish

6 / A422 **EIFS SYSTEM COMPONENTS**
1 1/2" = 1'-0"

Consultant:

HARLAN R. FAUST, ARCHITECT
HARLAN R. FAUST
ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

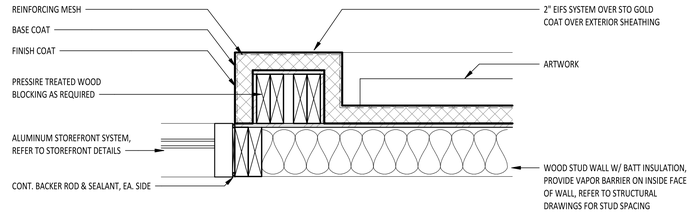
Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

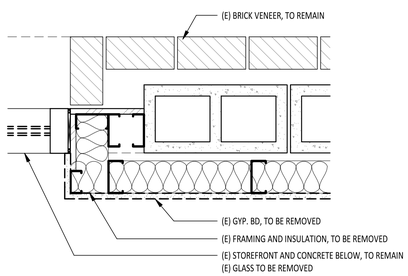
Project No.
030721

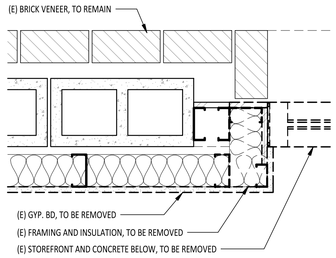
Contents:
SECTION DETAILS

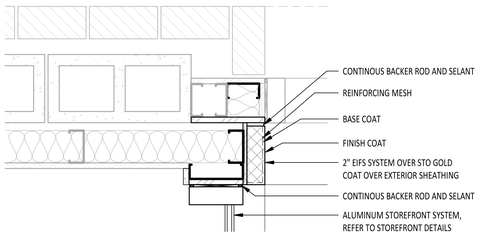
A422



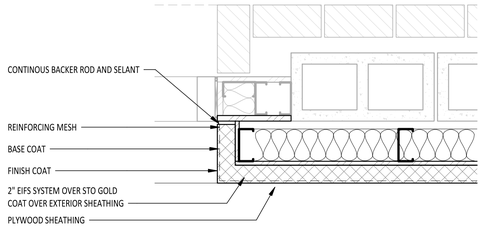
5 A431 **STOREFRONT AND ARTWORK END CONDITION**
1 1/2" = 1'-0"



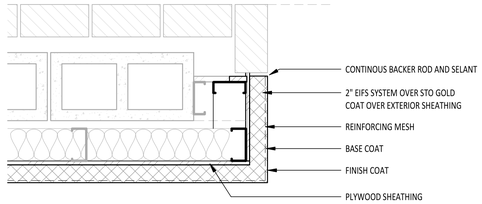




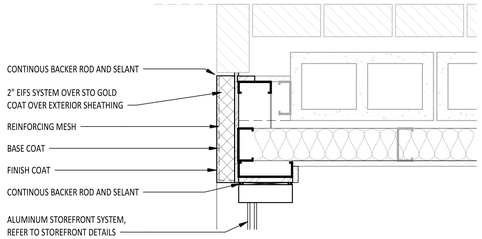
4 A431 **STOREFRON END CONDITION**
1 1/2" = 1'-0"



3 A431 **EIFS OUTSIDE CORNER - STOREFRONT TO REMAIN**
1 1/2" = 1'-0"



2 A431 **EIFS OUTSIDE CORNER**
1 1/2" = 1'-0"



1 A431 **STOREFRON END CONDITION**
1 1/2" = 1'-0"

Consultant:
HARLAN R. FAUST
ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

4	10/19/2021	CLIENT COMMENTS

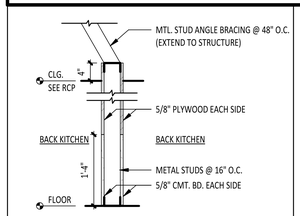
Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
PLAN DETAILS

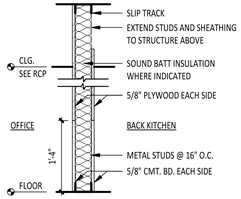
A431

WALL TYPES



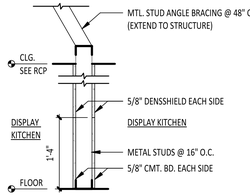
W1 INTERIOR PARTITION

W1A INTERIOR PARTITION
VOID @ ONE SIDE



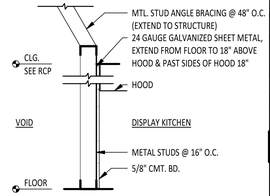
W1B INTERIOR PARTITION

W1C INTERIOR PARTITION
VOID @ ONE SIDE

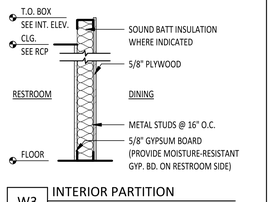


W2 INTERIOR PARTITION

W2A INTERIOR PARTITION
VOID @ ONE SIDE

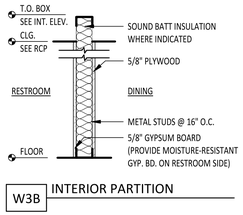


W2D INTERIOR PARTITION



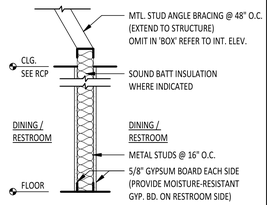
W3 INTERIOR PARTITION

W3A INTERIOR PARTITION
VOID @ RESTROOM



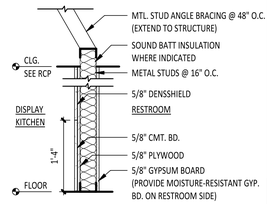
W3B INTERIOR PARTITION

W3C INTERIOR PARTITION
VOID @ RESTROOM



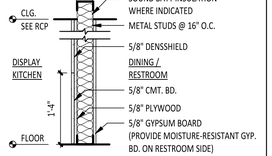
W4 INTERIOR PARTITION

W4A INTERIOR PARTITION
VOID @ ONE SIDE

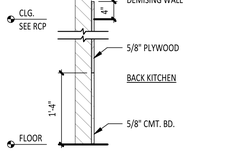


W5D INTERIOR PARTITION

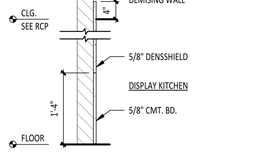
W5E INTERIOR PARTITION
VOID @ RESTROOM



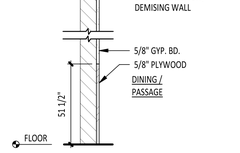
W5D INTERIOR PARTITION



W21 INTERIOR PARTITION



W22 INTERIOR PARTITION



W24G INTERIOR PARTITION
REMOVE (E) GYP. BD. TO REPLACE W/ (N) PLYWOOD

WALL TYPE GENERAL NOTES

A. G.C. SHALL PROVIDE BLOCKING AS REQUIRED FOR FF&E

B. G.C. SHALL PROVIDE VERTICAL FIRE BLOCKING AS REQUIRED

C. G.C. SHALL PROVIDE HORIZONTAL FIRE BLOCKING AT CEILINGS IN FULL HEIGHT WALLS

D. REFER TO FINISH SCHEDULE AND CERAMIC TILE WALL FINISHES KEY PLAN ON FINISH PLAN FOR WALL FINISHES

E. REFER TO FLOOR PLAN FOR METAL STUD SIZE

STUD SCHEDULE & NOTES

SIZE	GAUGE	MATERIAL DESIGN THICKNESS (MILS)	ICC	MAX. HEIGHT @ 16" O.C.
2 1/2"	20	33	250S125-33	12'-0"
3 5/8"	20	33	362S162-33	17'-7"
3 5/8"	18	43	362S162-43	19'-1"
4"	20	33	400S125-33	17'-3"
6"	20	33	600S162-33	26'-0"
6"	18	43	600S162-43	28'-4"

I. ALL HEIGHTS REFER TO UNSUPPORTED HEIGHTS

II. RUNNER TRACK TO BE SAME GAUGE AS STUD, HEADER TRACK TO BE ONE GAUGE HIGHER

III. BASED ON INTERIOR LIMITING WALL HEIGHT TABLES. PARTITIONS W/ ONE LAYER GYP. BD. EACH SIDE (L/240 DEFLECTION - 5 PSF LOAD) PER LATEST SSMA PRODUCT TECHNICAL INFORMATION BULLETIN (ICC ESR #3064P), REFER TO SPECIFICATION SECTION 09260

IV. WALLS OVER 12'-0" HIGH TO BE LATERALLY BRACED VERTICALLY WITH 1 1/2" (16 GA) COLD-ROLLED CHANNELS CLIP ANCHORED TO METAL STUDS

V. METAL STUD NON-STRUCTURAL WALL SYSTEMS TO FOLLOW ASTM C754 & ASTM 645

VI. MATERIAL DESIGN THICKNESS IS THE BASE METAL THICKNESS IN MILS. MINIMUM ALLOWED BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS

PARTITION NOTES

1. METAL STUDS TO CONFORM TO LOCAL BUILDING CODES.
2. STUD WALLS AND PARTITIONS REQUIRE GYP. BD. ON BOTH SIDES FOR THE FULL HEIGHT OF THE STUDS U.N.O.
3. SUSPENDED WALLS SHALL HAVE GYP. BD. WHICH EXTENDS 4" ABOVE THE SUSPENDED CEILING U.N.O.
4. FIRE RETARDANT PLYWOOD MAY SUBSTITUTE FOR GYP. BD. WHERE SO DIRECTED BY THE ARCHITECT.
5. STUDS SHALL BE "CEE" STUDS WITH FLANGE STIFFENERS.
6. MATERIALS AND DETAILS SHOWN ARE FOR TYPICAL INSTALLATIONS. WHERE THE STUD MANUFACTURER'S RECOMMENDATIONS OR LOCAL ORDINANCES ARE MORE RESTRICTIVE, THEY SHALL APPLY.
7. TYPICAL FASTENER (UNLESS NOTED OTHERWISE):

Consultant:

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140

GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

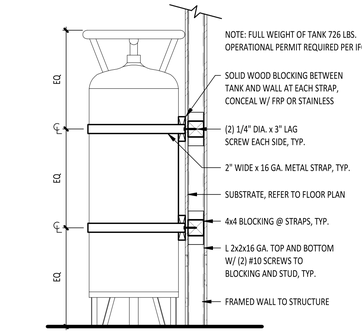
Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

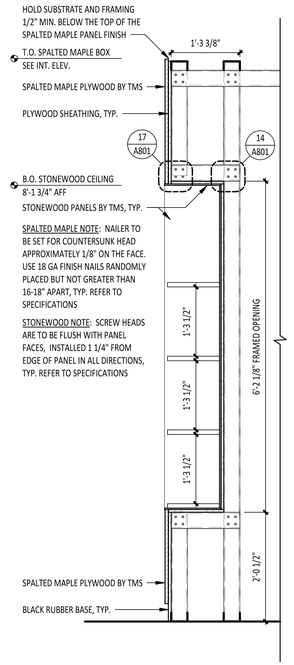
Project No.
030721

Contents:
ARCHITECTURAL WALL TYPES

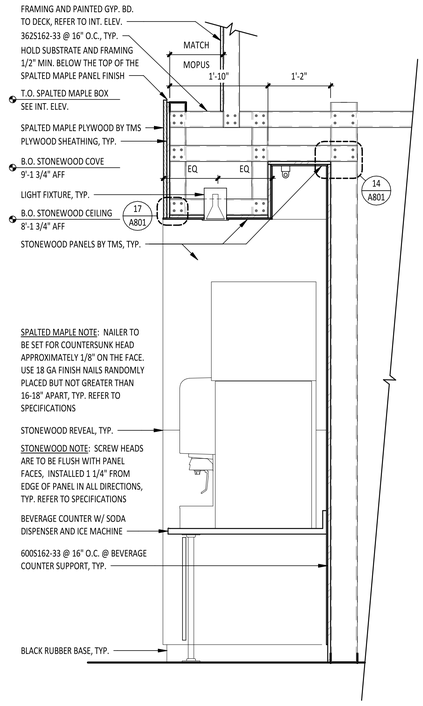
A501



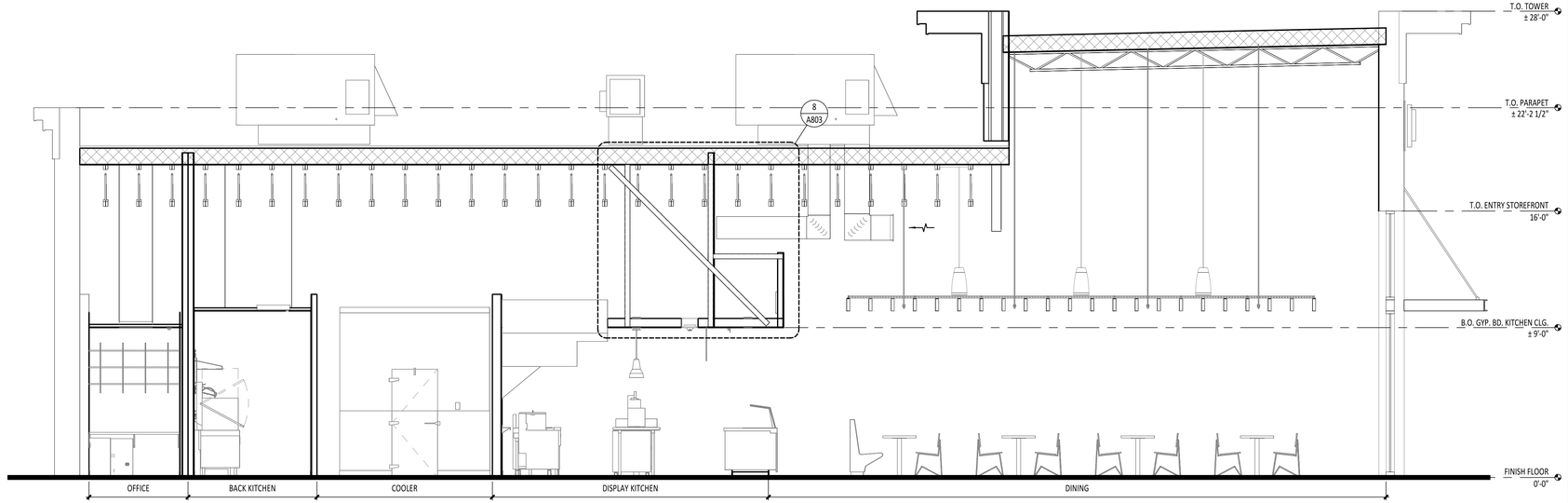
5 A502 **SECTION @ CO2 BULK TANK**
3/4" = 1'-0"



3B A502 **MOPUS SECTION**
3/4" = 1'-0"



2 A502 **BEVERAGE COUNTER SECTION**
3/4" = 1'-0"



1 A502 **BUILDING SECTION**
1/4" = 1'-0"

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

#		
3	09/21/2021	BUILDING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
INTERIOR SECTIONS

A502

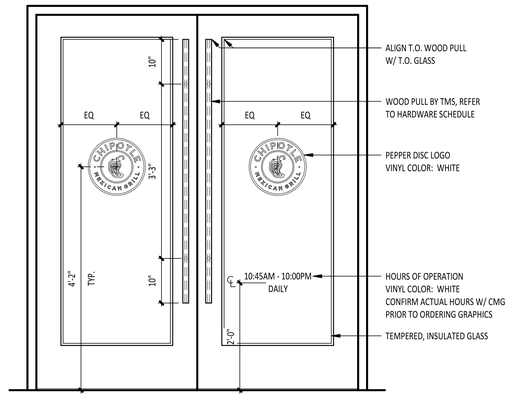
DOOR SCHEDULE

TAG	ROOM	DOOR STATUS	Door Key	FRAME STATUS	DOOR					FRAME			HARDWARE SET	HARDWARE STATUS	FIRE RATING	REMARKS
					WIDTH	HEIGHT	THICKNESS	TYPE	FINISH	TYPE	MATERIAL	STILE				
1	DINING	EXISTING	DOUBLE STOREFRONT (WIDE STILE, WOOD PULL/PUSH)	EXISTING	6'-0"	8'-0"	0' - 1 3/4"	A	SEE ELEVATIONS	STOREFRONT	ALUM	WIDE (5")	1			1,2,4,5
2	STORAGE	EXISTING	SINGLE STOREFRONT - REAR (WIDE STILE, NON-OFFSET, PANIC)	EXISTING	3'-0"	7'-0"	0' - 1 3/4"	A	SEE ELEVATIONS	STOREFRONT	ALUM	WIDE (5")	3A			1,3,4,5
3	BACK KITCHEN	NEW	HM REAR (INTERIOR)	NEW	3'-6"	7'-0"	0' - 1 3/4"	B	D1 (SEE FINISH PLAN)	1	H.M.	-	3B			1
4	PATIO	NEW	SINGLE STOREFRONT (WIDE STILE, WOOD PULL, PANIC)	NEW	3'-0"	8'-0"	0' - 1 3/4"	A	SEE ELEVATIONS	STOREFRONT	ALUM	WIDE (5")	2C			1,3,4,5
5	OFFICE	NEW	MANAGER'S OFFICE	NEW	3'-0"	7'-0"	0' - 1 3/4"	C	D1 (SEE FINISH PLAN)	1	H.M.	-	4			
6	STORAGE	NEW	UTILITY ROOM	NEW	3'-0"	7'-0"	0' - 1 3/4"	B	D1 (SEE FINISH PLAN)	1	H.M.	-	7			
7	RESTROOM	NEW	RESTROOM (SINGLE-OCCUPANT, STANDARD)	NEW	3'-0"	7'-0"	0' - 1 3/4"	B	D1 (SEE FINISH PLAN)	1	H.M.	-	5			
8	RESTROOM	NEW	RESTROOM (SINGLE-OCCUPANT, STANDARD)	NEW	3'-0"	7'-0"	0' - 1 3/4"	B	D1 (SEE FINISH PLAN)	1	H.M.	-	5			

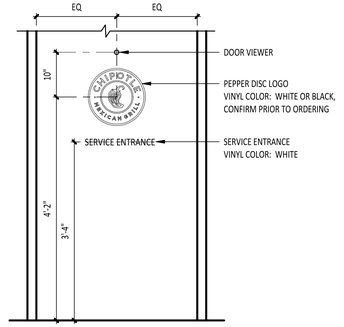
DOOR REMARKS

1	DOORS WITH REMARK #1 TO BE KEYED THE SAME
2	EXIT INDICATOR ARRIVES WITH SIGNS STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED". SIGN IS TO BE PLACED IN A VISIBLE LOCATION ABOVE THE DOORS.
3	THERE IS TO BE NO EXTERIOR HOLE OR CYLINDER
4	USE NON-SHRINK STRUCTURAL GROUT BED UNDER THRESHOLD
5	BLACK DOOR SWEEP TO BE USED WITH CHARCOAL, BLACK, OR BRONZE STOREFRONT. LIGHT GRAY DOOR SWEEP TO BE USED WITH CLEAR ANODIZED ALUMINUM STOREFRONT
6	REAR KITCHEN DOOR TO BE PAINTED 'D1' ON INTERIOR AND 'D2' ON EXTERIOR, U.N.O.
*	IF STATUS IS "EXISTING" G.C TO DETERMINE CONDITION OF EXISTING HADWARE. IF HARDWARE DOES NOT EXIST OR IS IN POOR CONDITION, PROVIDE HARDWARE IN HARDWARE SCHEDULE. CONFIRM REPLACEMENT WITH CHIPOTLE CM.

TYPICAL EXTERIOR DOOR TYPES



ENTRY DOOR



SERVICE DOOR

DOOR HARDWARE

SET 1 - MAIN ENTRY - PAIR - WOOD PULL/PUSH

(2)	HINGE	HAGER, MODEL 780-224HD-83-CLR
(1)	MORTISE CYLINDER	SCHLAGE, MODEL 80-103 (BRUSHED CHROME), C.O. CYLINDER AT 34" MIN. FROM BOTTOM OF DOOR
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME
(1)	DEADBOLT	ADAMS RITE, MODEL MS1850S-310-628
(1)	HEADER BOLT	ADAMS RITE, MODEL 4016-30-01
(1)	THRESHOLD BOLT	ADAMS RITE, MODEL 4015-18-1B
(2)	PUSH HARDWARE	1 1/2" DIAMETER WOOD PUSH, VARIES HIGH - PROVIDED BY MILLWORK SUPPLIER. MOUNT TOP OF PULLS FLUSH WITH TOP OF GLAZING STOP IN DOOR, RE: SHOP DRAWINGS
(2)	PULL HARDWARE	1 1/2" DIAMETER WOOD PULL, VARIES HIGH - PROVIDED BY MILLWORK SUPPLIER. MOUNT TOP OF PULLS FLUSH WITH TOP OF GLAZING STOP IN DOOR, RE: SHOP DRAWINGS
(2)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUNM)
(2)	CLOSER BACK PLATE	DORMA, MODEL BP89 (ALUMINUNM)
(2)	DOOR STOP	IVES, MODEL FS18S (ALUMINUNM)
(2)	OVERHEAD STOP	GLYNN-JOHNSON, MODEL 454S-SP28 (ALUMINUNM)
(1)	THRESHOLD	REESE, MODEL S239A-72
(2)	SMOKE SEAL	REESE, MODEL 797B-21
(2)	DOOR SWEEP	PEMKO, MODEL SFSC-200-36, TENANT FURNISHED
(1)	EXIT INDICATOR	ADAMS RITE, MODEL 4089-00-130

SET 3A - REAR - SINGLE - STOREFRONT - NON-OFFSET - PANIC HARDWARE

(1)	HINGE	HAGER, MODEL 780-224HD-83-CLR
(1)	RIM CYLINDER	GLS, MODEL RCIC-7-LZ-626, C.O. CYLINDER AT 37 3/8" FROM BOTTOM OF DOOR
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME)
(1)	PUSH HARDWARE	ADAMS RITE, MODEL 8611-36 (ALUMINUM), C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR
(1)	PULL HARDWARE	HIAWATHA, MODEL 535B (STAINLESS STEEL)
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUNM)
(1)	CLOSER BACK PLATE	DORMA, MODEL BP89 (ALUMINUNM)
(1)	DOOR STOP	IVES, MODEL FS18S (ALUMINUNM)
(1)	OVERHEAD STOP	GLYNN-JOHNSON, MODEL 454S-SP28 (ALUMINUNM)
(1)	THRESHOLD	REESE, MODEL S239A-42
(1)	SMOKE SEAL	REESE, MODEL 797B-21
(1)	DOOR SWEEP	PEMKO, MODEL SFSC-200-36, TENANT FURNISHED
(1)	DOOR VIEWER	DOOR SCOPE, DS2000 AL.S.; C.O. VIEWER AT 60" FROM BOTTOM OF DOOR IN DOOR STILE
(1)	EXIT ALARM	TRINE, MODEL 206-3
(1)	DOOR BUZZER	TRINE, MODEL 240

SET 3B - REAR - SINGLE - INTERIOR

(3)	HINGE	STANLEY, MODEL FBB179-4.5-US26D (06-8438)
(1)	LOCKSET	SCHLAGE, MODEL AL80BD-NEP-626
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME)
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (ALUMINUM) (TOP JAMB)
(1)	CLOSER BACK PLATE	DORMA, MODEL BP89 (ALUMINUNM)
(2)	KICKPLATE	HIAWATHA, MODEL KP840-US32D
(1)	DOOR STOP	IVES, MODEL FS18S (ALUMINUNM)
(3)	DOOR SILENCERS	IVES, MODEL SR64

SET 2C - ENTRY - SINGLE - WOOD PULL - PANIC HARDWARE

(1)	HINGE	HAGER, MODEL 780-224HD-83-CLR
(1)	PUSH HARDWARE	ADAMS RITE, MODEL 8801-36-628 (ALUMINUM), C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR
(1)	PULL HARDWARE	1 1/2" DIAMETER WOOD PULL, VARIES HIGH - PROVIDED BY MILLWORK SUPPLIER. MOUNT TOP OF PULLS FLUSH WITH TOP OF GLAZING STOP IN DOOR, RE: SHOP DRAWINGS
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUNM)
(1)	CLOSER BACK PLATE	DORMA, MODEL BP89 (ALUMINUNM)
(1)	DOOR STOP	IVES, MODEL FS18S (ALUMINUNM)
(1)	OVERHEAD STOP	GLYNN-JOHNSON, MODEL 454S-SP28 (ALUMINUNM)
(1)	THRESHOLD	REESE, MODEL S424A-36
(1)	SMOKE SEAL	REESE, MODEL 797B-21
(1)	DOOR SWEEP	PEMKO, MODEL SFSC-200-36, TENANT FURNISHED

SET 4 - MANAGER'S OFFICE

(3)	HINGE	STANLEY, MODEL FBB179-4.5-US26D (06-8438)
(1)	LOCKSET	SCHLAGE, MODEL L9453L-06A-626
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME)
(1)	KICKPLATE	HIAWATHA, MODEL KP834-US32D
(1)	DOOR STOP	DON-JO, MODEL 1407-630 (STAINLESS STEEL)
(3)	DOOR SILENCERS	IVES, MODEL SR64
(1)	SECURITY WINDOW	AIR LOUVERS, MODEL VSL1212TEMPPAK SLIMLINE 12" X 12" X 1/4" LITE KIT (10" X 10" GLASS VISIBLE)

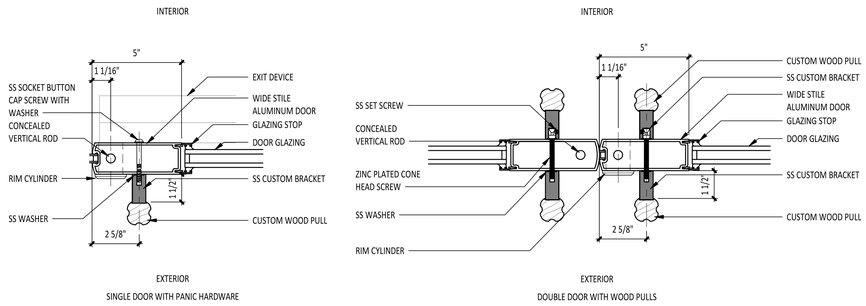
SET 5 - RESTROOM - SINGLE OCCUPANT - STANDARD

(3)	HINGE	STANLEY, MODEL FBB179-4.5-US26D (06-8438)
(1)	LOCKSET	SCHLAGE, MODEL AL40S-NEP-626
(1)	CLOSER	FALCON, MODEL SC61xRW/PAxALU
(2)	KICKPLATE	HIAWATHA, MODEL KP834-32D
(1)	DOOR STOP	IVES, MODEL FS436-US26D
(3)	DOOR SILENCERS	IVES, MODEL SR64
(1)	COAT HOOK	MILLS, MODEL FT6519, SUPPLIED BY WASHROOM ACCESSORIES VENDOR, MOUNT T.O. HOOK AT 47 1/2" AFF

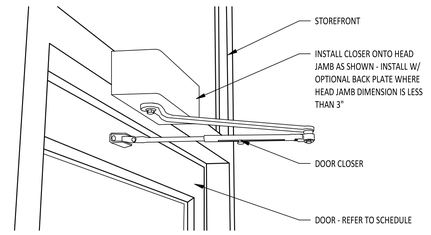
SET 7 - MAINTENANCE/UTILITY

(3)	HINGE	STANLEY, MODEL FBB179-4.5-US26D (06-8438)
(1)	LOCKSET	SCHLAGE, MODEL AL80BD-NEP-626
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME)
(1)	DOOR STOP	DON-JO, 1407-630
(1)	KICKPLATE	HIAWATHA, MODEL KP834-US32D

CUSTOM WOOD PULL / PUSH

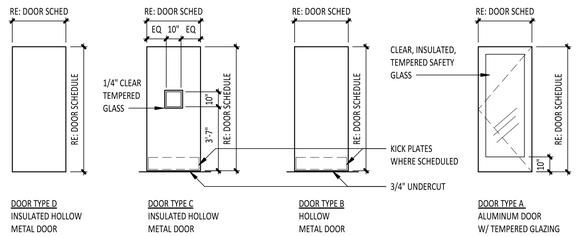


DOOR CLOSER

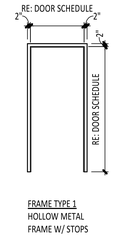


TOP JAMB MOUNT INSTALLATION. (NOTE THAT BACKPLATE IS MISSING IN THIS INSTALLATION BECAUSE HEAD JAMB IS OF ADEQUATE HEIGHT TO RECEIVE ALL MOUNTING SCREWS WITHOUT IT.) WHEN IN DOUBT ABOUT THE HEAD JAMB DIMENSION OR STABILITY, ORDER THE BACKPLATE.

DOOR TYPES



FRAMES TYPES



FRAME TYPE 1
HOLLOW METAL
FRAME W/ STOPS

DOOR NOTES

1. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
2. LATCHES, HANDLES, PANIC BARS AND ALL DOOR HARDWARE WILL COMPLY WITH SECTION 7.2 OF NFPA 101 PER THE SPECIFICATIONS.
3. THE MANAGER HAS A KEY TO UNLOCK RESTROOM DOORS, FROM THE OUTSIDE IN CASE OF AN EMERGENCY.
4. ALL DOORS TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED.
5. SEE THIS SHEET FOR EXTERIOR DOOR SIGNAGE INFO.
6. MAXIMUM EFFORT TO OPERATE EXTERIOR OR INTERIOR DOORS WITH CLOSERS SHALL NOT EXCEED 5 POUNDS. THIS MAY BE INCREASED TO 15 POUNDS FOR FIRE-RATED DOORS.
7. ALL FRAMES, DOORS AND HARDWARE TO BE FURNISHED BY TENANT'S HARDWARE SUPPLIER AND INSTALLED BY TENANT G.C. CALL PETE KLIMEK WITH TWIN CITY HARDWARE AT 763-535-4660 TO ARRANGE DELIVERY. STOREFRONT DOORS ARE TO BE PROVIDED BY GC, STOREFRONT HARDWARE PROVIDED BY TENANT HARDWARE SUPPLIER, U.N.O.
8. THE BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
9. ALL SUPPORT SIGNAGE PROVIDED BY TENANT'S SUPPORT SIGNAGE SUPPLIER AND INSTALLED BY GC.
10. ALL HARDWARE SHALL MATCH STOREFRONT, VERIFY WITH ARCHITECT AND/OR TENANT CONSTRUCTION MANAGER PRIOR TO ORDERING.

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

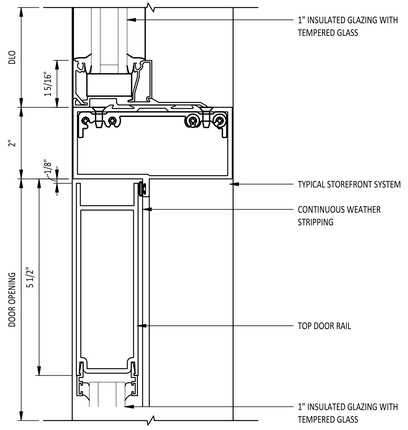
Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:

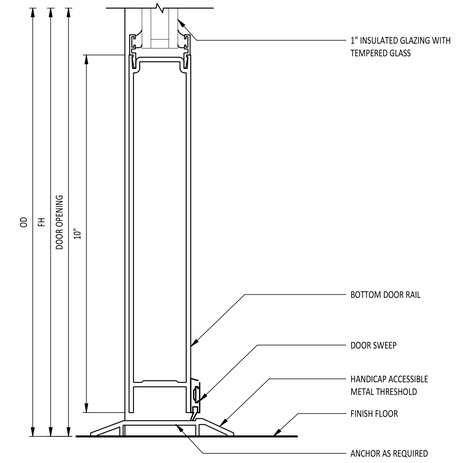
DOOR AND HARDWARE SCHEDULES

A601



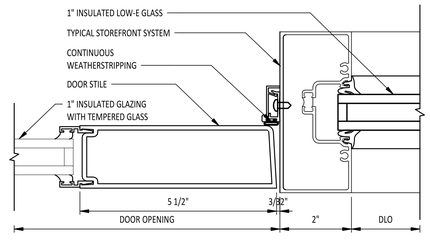
8 A602 6" = 1'-0"

TYPICAL STOREFRONT DOOR TRANSOM BAR



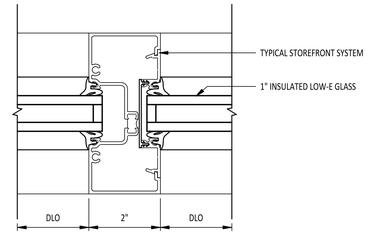
7 A602 6" = 1'-0"

TYPICAL STOREFRONT THRESHOLD



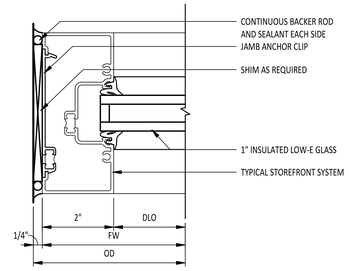
6 A602 6" = 1'-0"

TYPICAL STOREFRONT DOOR JAMB



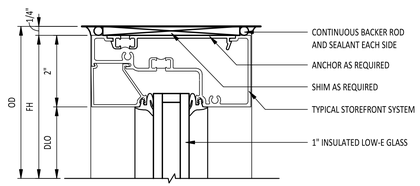
5 A602 6" = 1'-0"

TYPICAL STOREFRONT VERTICAL MULLION



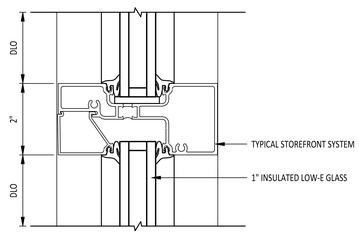
4 A602 6" = 1'-0"

TYPICAL STOREFRONT JAMB



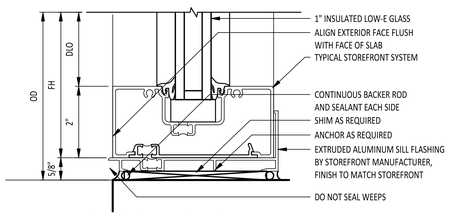
1 A602 6" = 1'-0"

TYPICAL STOREFRONT HEAD



2 A602 6" = 1'-0"

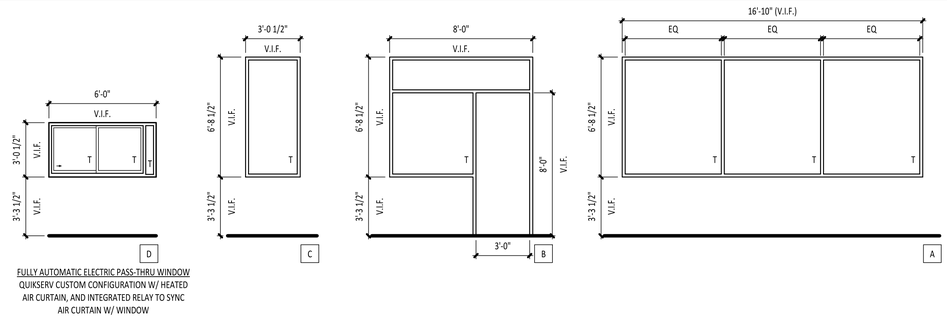
TYPICAL STOREFRONT HORIZONTAL MULLION



1 A602 6" = 1'-0"

TYPICAL STOREFRONT SILL

STOREFRONT & WINDOW FRAME TYPES



FULLY AUTOMATIC ELECTRIC PASS-THRU WINDOW
QUIKSERV CUSTOM CONFIGURATION W/ HEATED AIR CURTAIN, AND INTEGRATED RELAY TO SYNC AIR CURTAIN W/ WINDOW

GENERAL NOTES

1. ALL WINDOW AND DOOR GLAZING IS TO BE CLEAR / INSULATED.
2. WINDOW AND DOOR GLAZING TO BE TEMPERED AT LOCATIONS INDICATED WITH "T".
3. STOREFRONT FRAMING SYSTEM TO BE SUPPLIED BY TENANT G.C. TENANT G.C. TO VERIFY FRAMING OPENING SIZES AND MATERIALS WITH ARCHITECT AND/OR CHIPOTLE CONSTRUCTION MANAGER PRIOR TO FABRICATION.
4. ALL ENTRANCE DOOR HARDWARE FINISH TO MATCH STOREFRONT FINISH. VERIFY WITH ARCHITECT AND/OR CHIPOTLE CONSTRUCTION MANAGER PRIOR TO ORDERING HARDWARE.
5. STOREFRONT FRAMING SYSTEM IS 2"x6" U.N.O.

Consultant:

HARLAN R. FAUST ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

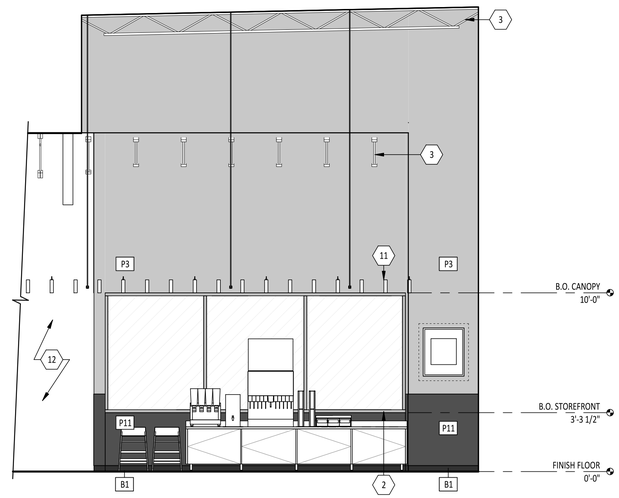
Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

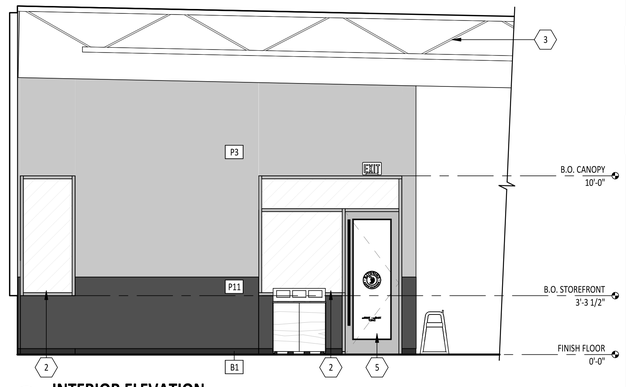
Project No.
030721

Contents:
STOREFRONT DETAILS

A602



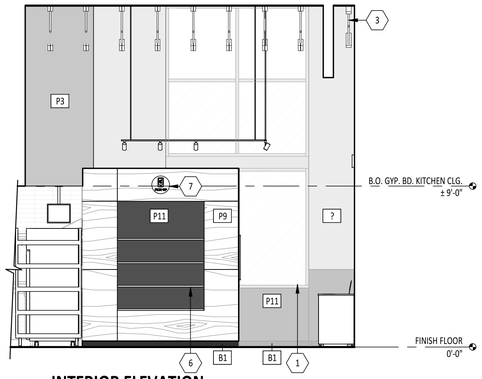
7 A701 **INTERIOR ELEVATION**
1/4" = 1'-0"



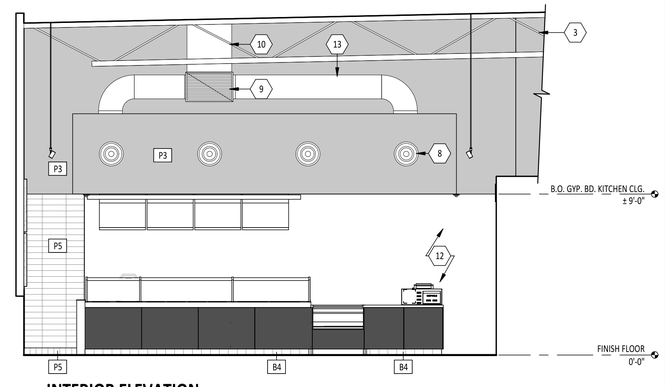
6 A701 **INTERIOR ELEVATION**
1/4" = 1'-0"



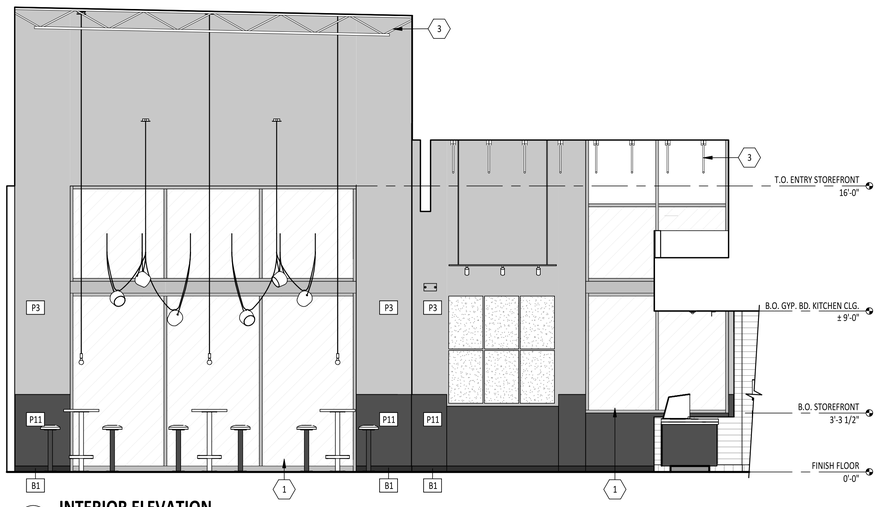
5 A701 **INTERIOR ELEVATION**
1/4" = 1'-0"



4 A701 **INTERIOR ELEVATION**
1/4" = 1'-0"



3 A701 **INTERIOR ELEVATION**
1/4" = 1'-0"



2 A701 **INTERIOR ELEVATION**
1/4" = 1'-0"



1 A701 **INTERIOR ELEVATION**
1/4" = 1'-0"

DINING GENERAL NOTES

A. REFER TO SHEET A131 FOR EQUIPMENT AND FURNITURE SCHEDULE.

B. REFER TO FINISH PLAN FOR FINISH SCHEDULE.

C. REFER TO CEILING PLAN AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

D. SEAMS ON THE 'BOX' TO ALIGN ACROSS ALL FACES AND MATERIALS. GC TO VERIFY AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.

ELEVATION LEGEND

DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

KEY NOTES (X)

1. (E) ALUMINUM STOREFRONT SYSTEM
2. (N) ALUMINUM STOREFRONT SYSTEM, TO MATCH EXISTING
3. (E) STRUCTURE, TYP.
4. HARDWARE & SIGNAGE ON (E) DOOR(S)
5. HARDWARE & SIGNAGE ON (N) DOOR
6. MOBILE ORDER PICKUP SHELVING BY MILLWORK SUPPLIER
7. MOBILE ORDER PICK-UP SIGN
8. DIFFUSER, REFER TO MECH.
9. RETURN GRILL, REFER TO MECH.
10. RECTANGULAR DUCT
11. ACOUSTICAL BAFFLE CEILING
12. OPEN, BEYOND
13. GALVANIZED SPIRAL DUCT

Consultant:

HARLAN R. FAUST ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140

GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

2	09/08/2021	CLIENT REVISION

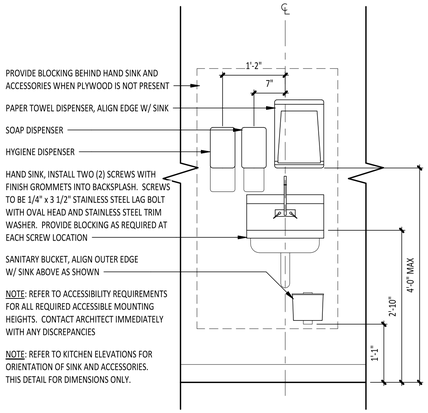
Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

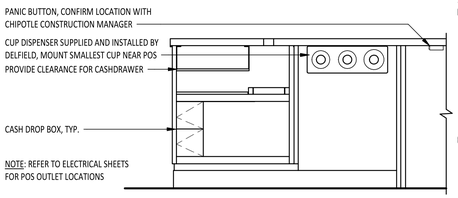
Contents:

ELEVATIONS - INTERIOR DINING

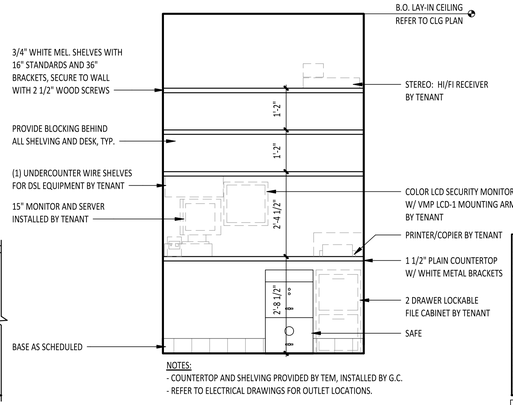
A701



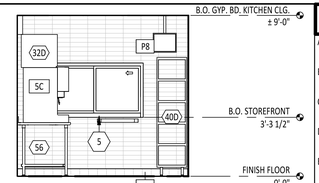
14 A705 **TYPICAL HAND SINK**
3/4" = 1'-0"



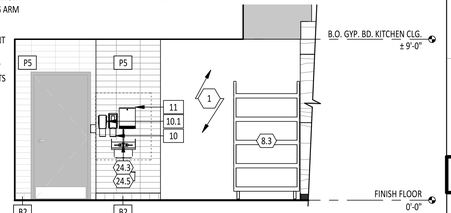
13 A705 **TYPICAL POINT-OF-SALE**
3/4" = 1'-0"



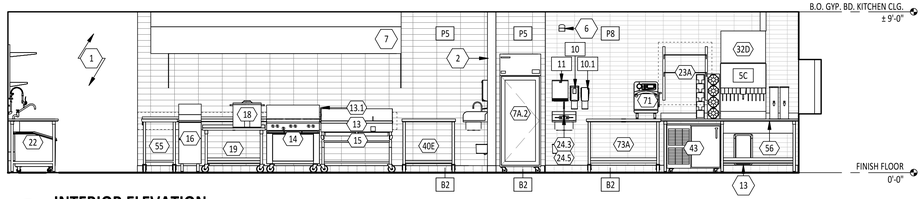
12 A705 **TYPICAL OFFICE SHELVING**
1/2" = 1'-0"



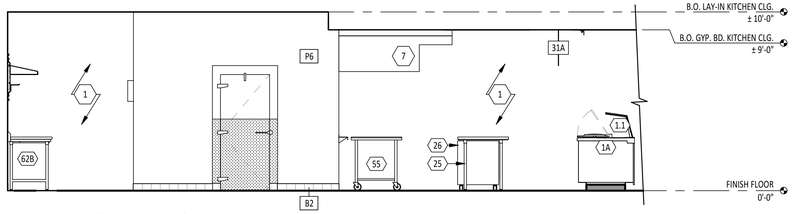
11 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



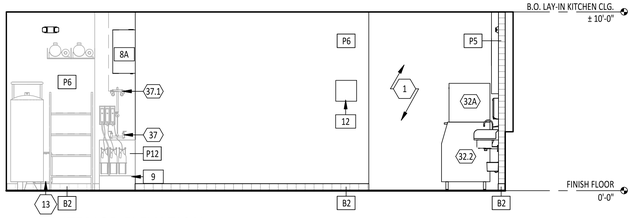
10 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



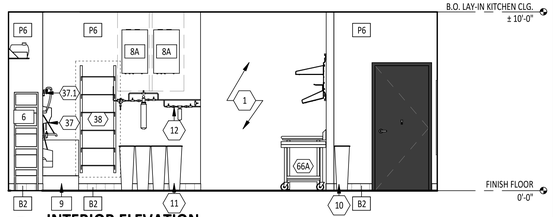
9 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



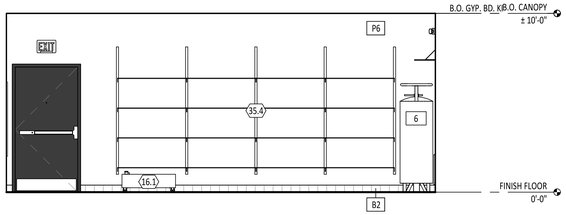
8 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



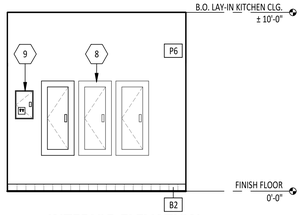
7 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



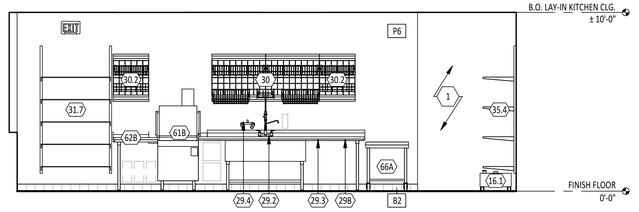
6 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



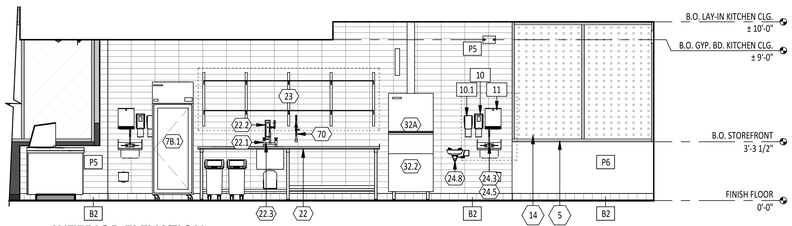
5 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



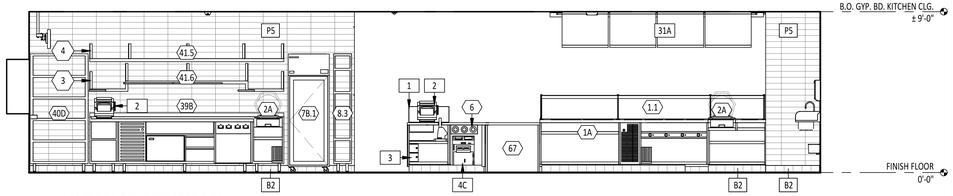
4 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



3 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



2 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"



1 A705 **INTERIOR ELEVATION**
1/4" = 1'-0"

KITCHEN GENERAL NOTES

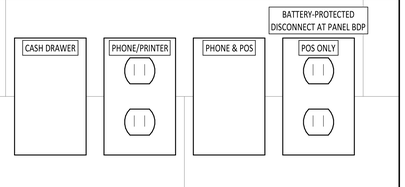
A. REFER TO THE FIXTURES, FURNITURE, AND EQUIPMENT SCHEDULES.

B. PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.

C. REFER TO FINISH PLAN FOR FINISH SCHEDULE.

D. REFER TO CEILING PLAN AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

E. INSTALL RECEPTACLE LABELS ON AND ABOVE RECEPTACLE, ALIGNED AND CENTERED, SIM. BELOW. REFER TO ELEC. & COORDINATE FINAL LOCATIONS WITH TENANT CONSTRUCTION MANAGER.



KEY NOTES (X)

1. OPEN, BEYOND
2. ALUM. PLATE ENDCAP
3. HOLD 4'-6 1/2" FROM T.O. SECOND MAKE LINE TO B.O. LOWEST SHELF ABOVE
4. HOLD 6'-2 1/2" FROM T.O. SECOND MAKE LINE TO B.O. UPPER SHELF ABOVE
5. ALUMINUM SILL, JAMB, AND HEAD
6. CHIME / STROBE, REFER TO ELECTRICAL
7. TYPE I HOOD
8. ELECTRICAL PANEL, REFER TO ELECTRICAL DRAWINGS
9. LIGHTING CONTROL PANEL, REFER TO ELECTRICAL DRAWINGS
10. (2) MOVEABLE, BACK-UP TRASH BINS FOR DINING ROOM TRASH SURROUNDS
11. (4) MOVEABLE LINEN BINS W/ LID
12. WATER FILTER, REFER TO PLUMBING DRAWINGS
13. DRYER BOX, REFER TO FINISH DETAILS
14. PERFORATED FILM, TYP.

Consultant:
HARLAN R. FAUST, ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

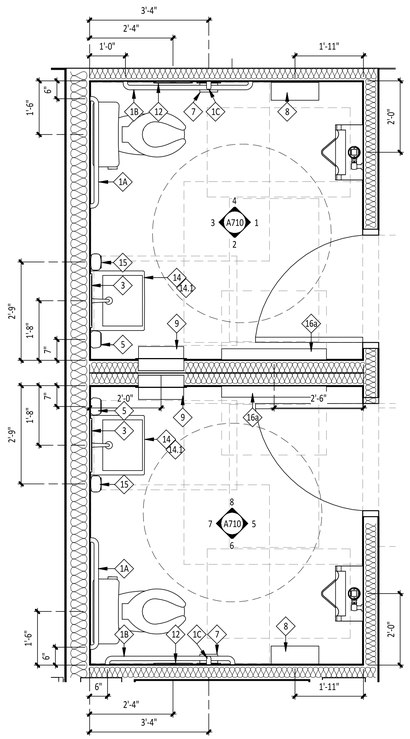
Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
ELEVATIONS - INTERIOR KITCHEN

A705



9 / A710 **ENLARGED RESTROOM PLAN**
1/2" = 1'-0"

NORTH

RESTROOM ACCESSORY LIST (8)

ITEM #	DESCRIPTION	MANUF	MODEL	QTY	PROVIDED BY	INSTALLED BY	UTILITY				MOUNTING HEIGHT	REMARKS
							ELEC	GAS	WATER	SEWER		
1A	Grab Bar - 36in	ASI	3501-36	2	WA	GC					36" AFF to Top of Grasping Surface	Provide Plywood Blocking to Mount to Wall
1B	Grab Bar - 42in	ASI	3501-42	2	WA	GC					36" AFF to Top of Grasping Surface	Provide Plywood Blocking to Mount to Wall
1C	Grab Bar - 18in	ASI	3501-18	2	WA	GC					40" AFF to Centerline of Bottom Return	Provide Plywood Blocking to Mount to Wall
3	Mirror	ASI	0600B 18x36	2	WA	GC					Bottom Edge of Reflecting Surface at 40" AFF	Provide Plywood Blocking to Mount to Wall
5	Touch-Free Soap Dispenser	Purell	CS8	2	WA	GC					50 1/4" AFF to Top of Unit	
7	Recessed Toilet Paper Dispenser	ASI	0031	2	WA	GC					29" AFF to Top of Unit	Recess Mounted in Wall - Rough Opening: 6 1/4"W X 12 1/4"H X 3 3/8"D Top of Rough Opening: 29 1/4" AFF
8	Utility Shelf	ASI	0692	2	WA	GC					46" AFF To Top Of Shelf	Provide Toggle Bolts to Mount to Wall
9	Recessed Convertible Paper Towel Dispenser and Waste Receptacle, Recess Mounted in Wall	Bobrick	B-3944	2	WA	GC					Bottom of Unit at Top of Base, Bottom of Dispenser to be at 40" AFF, Recess Mounting In Wall	Rough Opening: 16"W x 54 3/4"H x 4" D. Provide Plywood Blocking to Mount to Wall
12	Napkin Disposal - Recessed	ASI	0473	2	WA	GC					Top of Rough Opening @ 29" AFF	Recess Mounted in Wall - Rough Opening: 11 1/4"W X 15 3/4"H X 4"D
14	Restroom Hand Sink	Kohler	K-2084	2	GC	GC				•	Mount Bottom of Front Edge Of The Sink At Exactly 29" AFF	
14.1	Restroom Hand Sink Faucet	T&S	EC-3102-TMV-LF-05	2	KES	GC			•			To Be Furnished With .5 GPM Aerator Installed. Thermostatic mixing valve is also included.
15	Hand Sanitizer Dispenser	Purell	ES8	2	WA	GC					Align T.O. Unit With T.O. Soap Dispenser	
16a	Surface Mounted Horizontal Baby Changing Station	Koala Care	KB200-05	2	WA	GC					Mount Bottom of Open Changing Bed at Exactly 27" AFF	GC to Provide adequate blocking to support the baby changing equipment. Blocking shall be installed in such a manner to not damage or compromise the rated assembly of the existing wall construction

RESTROOM GENERAL NOTES

A. ALL DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.

B. REFER TO TILE DETAILS FOR TILE NOTES.

C. REFER TO ACCESSIBILITY REQUIREMENTS FOR REQUIRED CLEARANCES AROUND FIXTURES AND EQUIPMENT. IF CONFLICT OCCURS, NOTIFY ARCHITECT IMMEDIATELY.

D. REFER TO ACCESSIBILITY REQUIREMENTS FOR MINIMUM AND MAXIMUM MOUNTING HEIGHTS TO OPERABLE PARTS OF ACCESSORIES. IF CONFLICT OCCURS, NOTIFY ARCHITECT IMMEDIATELY.

E. ALL ACCESSORIES SHALL BE AS MANUFACTURED BY AMERICAN SPECIALTIES INC OR TENANT APPROVED EQUIVALENT UNLESS DESIGNATED OTHERWISE. PROVIDE SOLID FRT WOOD BLOCKING AS NECESSARY FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.

F. REFER TO FINISH PLAN FOR FINISH SCHEDULE.

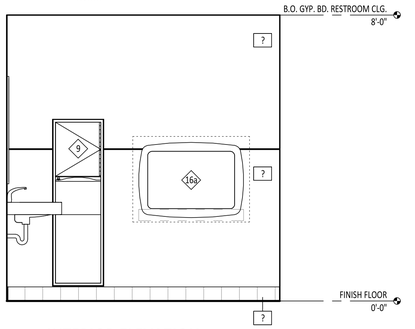
G. REFER TO CEILING PLAN AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

ELEVATION LEGEND

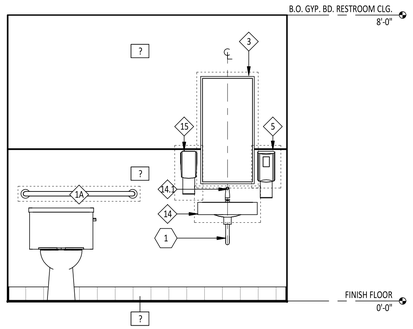
DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

KEY NOTES (X)

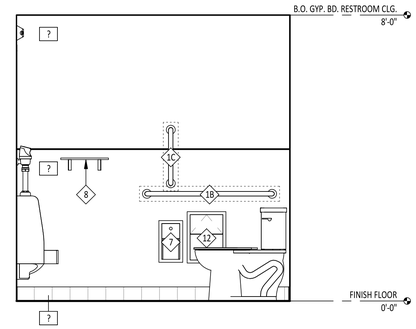
1. PIPE SAFETY COVER, TYP.
2. COAT HOOK, MOUNT T.O. HOOK @ 48" MAX AFF, TYP.



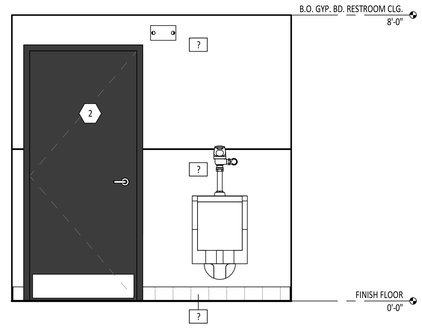
8 / A710 **INTERIOR ELEVATION**
1/2" = 1'-0"



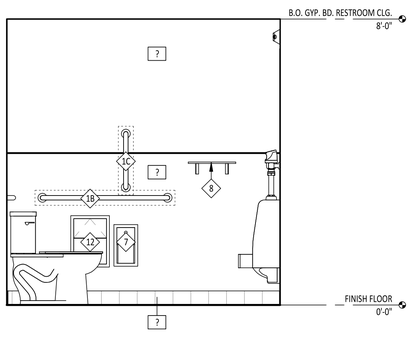
7 / A710 **INTERIOR ELEVATION**
1/2" = 1'-0"



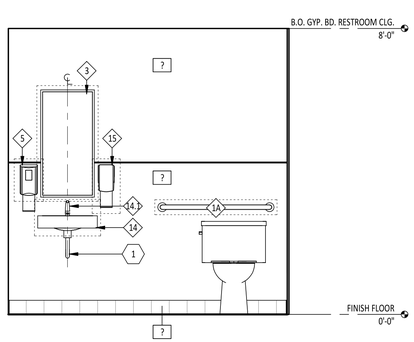
6 / A710 **INTERIOR ELEVATION**
1/2" = 1'-0"



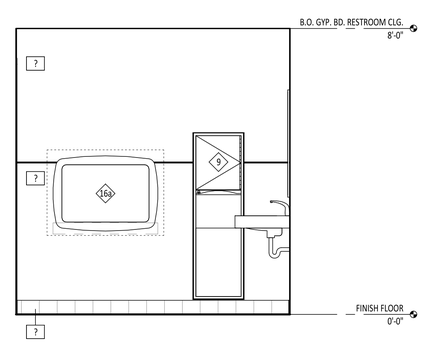
5 / A710 **INTERIOR ELEVATION**
1/2" = 1'-0"



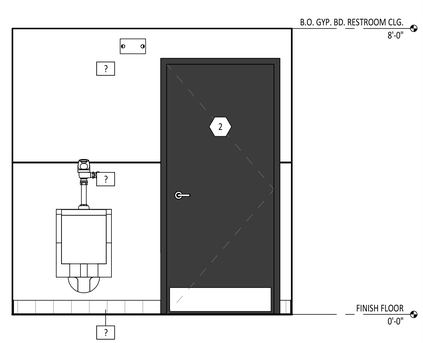
4 / A710 **INTERIOR ELEVATION**
1/2" = 1'-0"



3 / A710 **INTERIOR ELEVATION**
1/2" = 1'-0"



2 / A710 **INTERIOR ELEVATION**
1/2" = 1'-0"



1 / A710 **INTERIOR ELEVATION**
1/2" = 1'-0"

Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

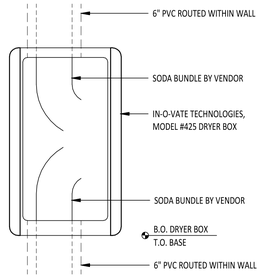
09/21/2021	BUILDING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

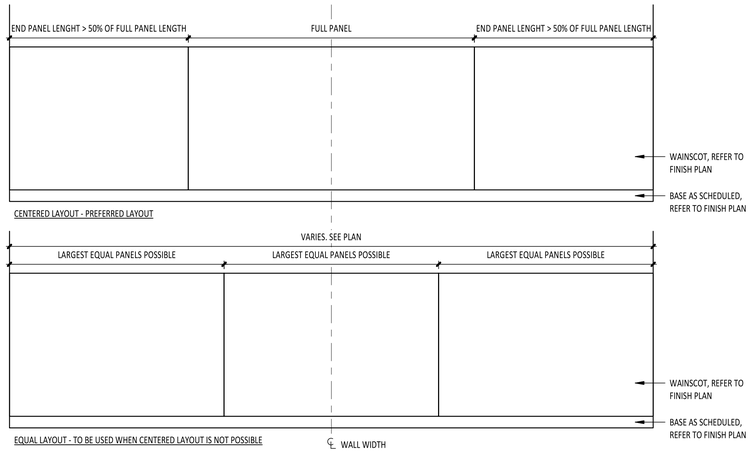
Project No.
030721

Contents:
RESTROOM DETAILS

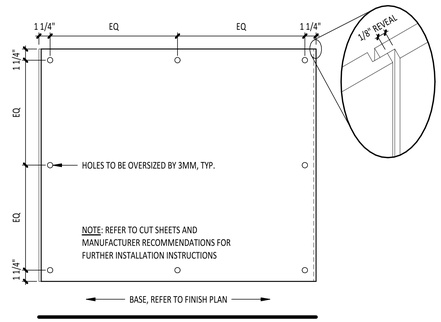
A710



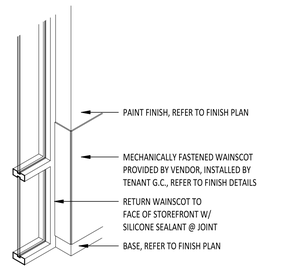
24 A801 **SODA LINE CHASE**
1 1/2" = 1'-0"



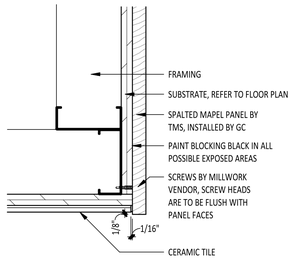
22 A801 **WAINSCOT LAYOUT**
1/2" = 1'-0"



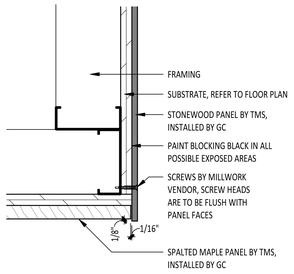
21 A801 **WAINSCOT ELEVATION**
1 1/2" = 1'-0"



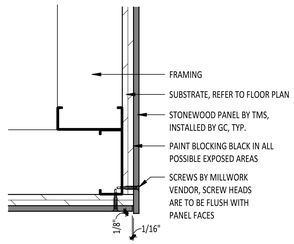
20 A801 **WAINSCOT STOREFRONT RETURN**
1/2" = 1'-0"



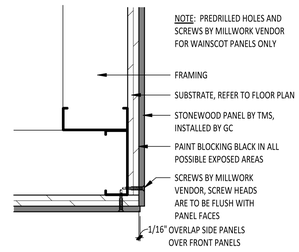
18 A801 **OUTSIDE MAPLE-TILE CORNER**
3" = 1'-0"



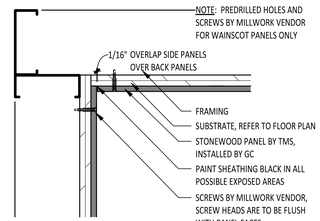
17 A801 **OUTSIDE STONEWOOD-MAPLE CORNER**
3" = 1'-0"



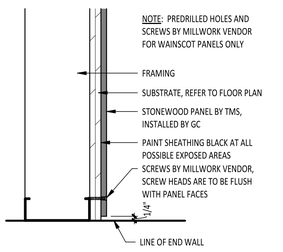
16 A801 **OUTSIDE STONEWOOD CORNER**
3" = 1'-0"



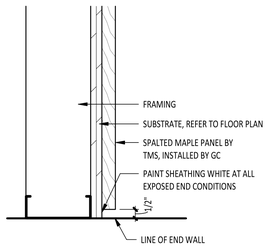
15 A801 **OUTSIDE WAINSCOT CORNER**
3" = 1'-0"



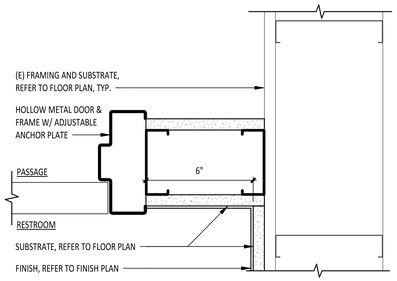
14 A801 **INSIDE STONEWOOD CORNER**
3" = 1'-0"



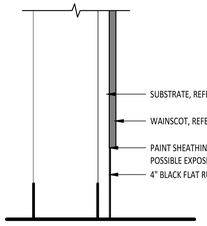
13 A801 **STONEWOOD END CONDITION**
3" = 1'-0"



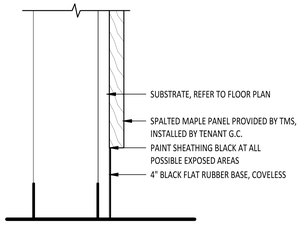
12 A801 **MAPLE END CONDITION**
3" = 1'-0"



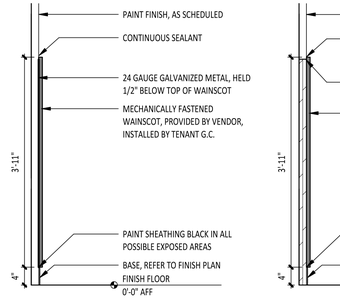
11 A801 **DOOR JAMB - PLAN**
3" = 1'-0"



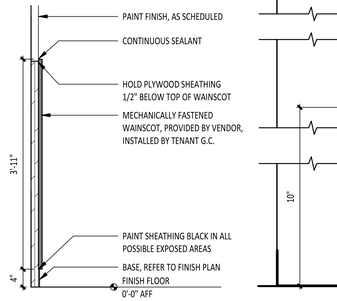
10 A801 **BASE @ STONEWOOD**
3" = 1'-0"



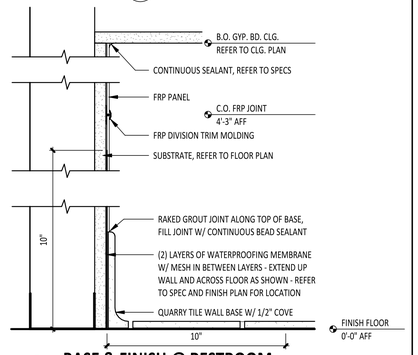
9 A801 **BASE @ SPALTED MAPLE**
3" = 1'-0"



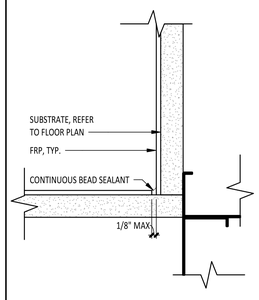
8B A801 **SECTION @ WAINSCOT**
3/4" = 1'-0"



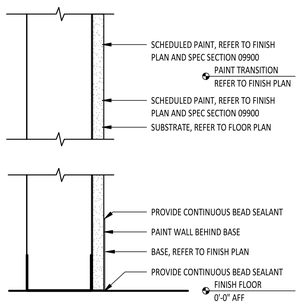
8A A801 **SECTION @ WAINSCOT**
3/4" = 1'-0"



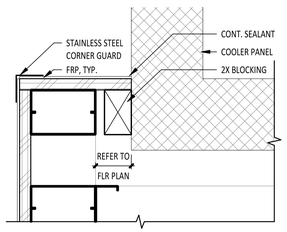
7 A801 **BASE & FINISH @ RESTROOM**
3" = 1'-0"



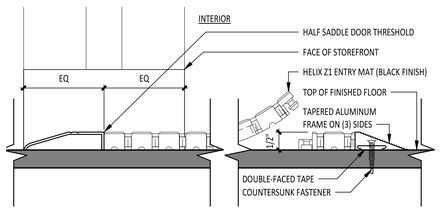
6 A801 **RESTROOM FRP INSIDE CORNER**
6" = 1'-0"



5 A801 **BASE & FINISH @ DINING**
3" = 1'-0"

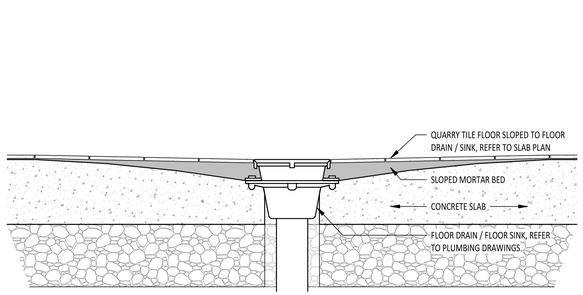


4 A801 **COOLER WALL CLOSURE DETAIL**
3" = 1'-0"

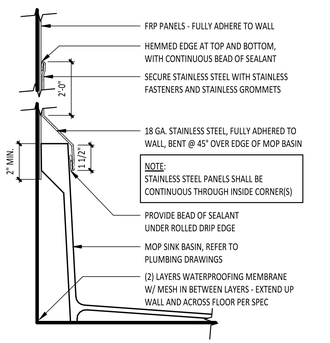


NOTE:
WALK - OFF MAT BY IMPACT SPECIALTIES. PROVIDE HELIX Z1 ENTRY MAT (BLACK) AND TAPERED ALUMINUM FRAME (17A005000)

3 A801 **WALK-OFF MAT**
6" = 1'-0"



2 A801 **QUARRY TILE @ FLOOR DRAIN / SINK**
1 1/2" = 1'-0"



1 A801 **STAINLESS STEEL @ MOP SINK**
3" = 1'-0"

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON
12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

3	09/21/2021	BUILDING COMMENTS

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

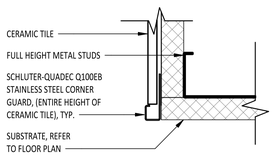
Project No.
030721

Contents:
FINISH DETAILS

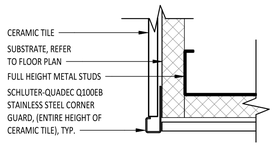
A801

NOTE FOR USE AT ACCENT TILE OUTSIDE CORNER:

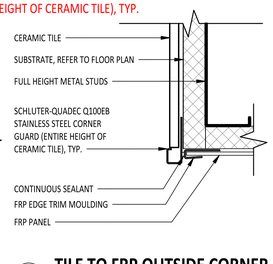
SCHLUTER-QUADEC Q200AE SATIN ANODIZED ALUMINUM CORNER GUARD, (ENTIRE HEIGHT OF CERAMIC TILE), TYP.



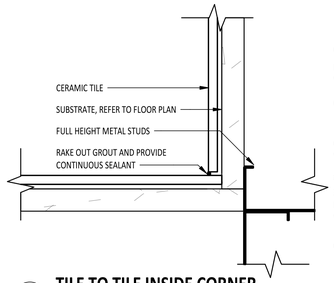
23 A802 **TILE TO GYP. OUTSIDE CORNER**
6" = 1'-0"



22 A802 **TILE TO TILE OUTSIDE CORNER**
6" = 1'-0"

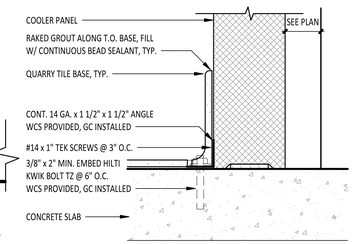


21 A802 **TILE TO FRP OUTSIDE CORNER**
6" = 1'-0"



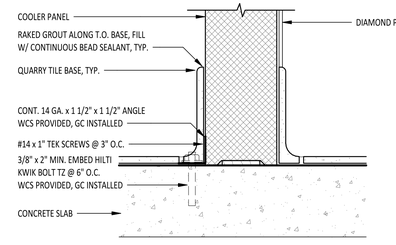
20 A802 **TILE TO TILE INSIDE CORNER**
6" = 1'-0"

NOTE: TIE-DOWN ANGLES CAN BE INSTALLED ON INTERIOR OR EXTERIOR SIDE OF EACH WALL.



198 A802 **BASE @ COOLER WALL**
3" = 1'-0"

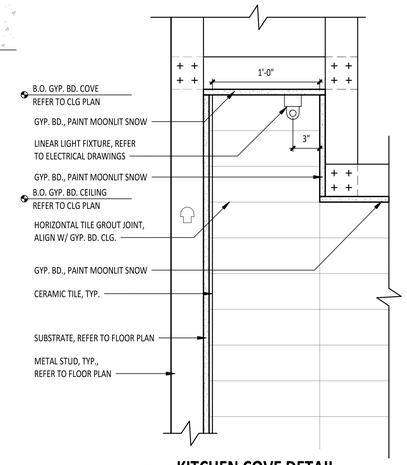
NOTE: TIE-DOWN ANGLES CAN BE INSTALLED ON INTERIOR OR EXTERIOR SIDE OF EACH WALL.



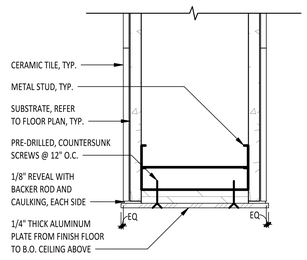
19A A802 **BASE @ COOLER WALL**
3" = 1'-0"

CERAMIC TILE INSTALL GUIDELINES:

1. TILE INSTALLER SHALL COORDINATE WITH GENERAL CONTRACTOR AND PROVIDE LAYOUT OF ALL WALL TILE PRIOR TO INSTALLATION. GENERAL CONTRACTOR SHALL PREPARE WALLS AS TO NOT HAVE ANY VERTICAL CUT TILES ON ANY WALLS. LAYOUT SHALL BE APPROVED BY CHIPOTLE CM PRIOR TO INSTALLATION. CONTRACTOR SHALL CONTACT ARCHITECT OF ANY DISCREPANCIES IN DIMENSIONS FOR DIRECTION PRIOR TO INSTALLATION. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT CONTRACTOR'S COST.
2. IF REQUIRED TO CUT TILES, CONTRACTOR TO MEASURE OVERALL WALL WIDTH AND DETERMINE WHICH SOLUTION WILL ALLOW FOR THE GREATER THAN 50% TILE WIDTH AT WALL TERMINATIONS.
3. ALL WALL TILES SHOULD BE CENTERED ON THE WIDTH OF THE WALL PER DETAILS THIS SHEET, U.N.O.
4. THERE SHOULD NEVER BE ANY CUT TILES VERTICALLY BETWEEN THE BASE AND THE CEILING. REFER TO FINISH AND CEILING PLANS.

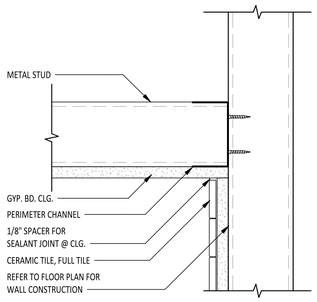


14 A802 **KITCHEN COVE DETAIL**
1 1/2" = 1'-0"

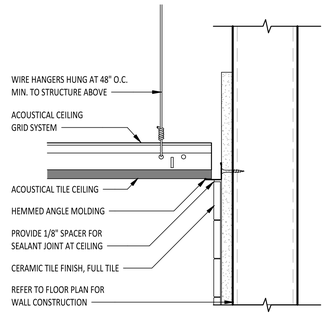


CERAMIC TILE / CERAMIC TILE

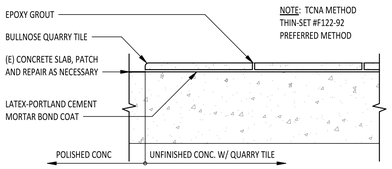
18B A802 **ALUMINUM PLATE ENDCAP**
3" = 1'-0"



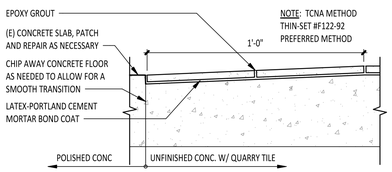
17 A802 **TILE @ GYP BD CEILING**
3" = 1'-0"



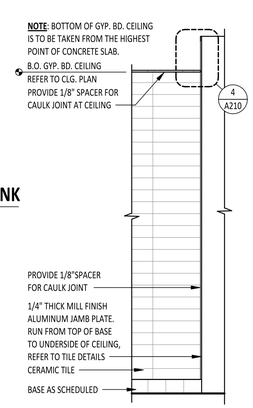
16 A802 **TILE @ SUSPENDED CEILING**
3" = 1'-0"



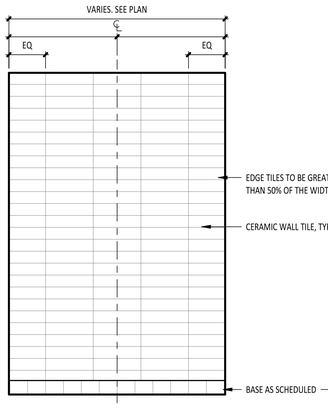
13 A802 **QUARRY TILE FLOOR TRANSITION @ READY-TO-DRINK**
3" = 1'-0"



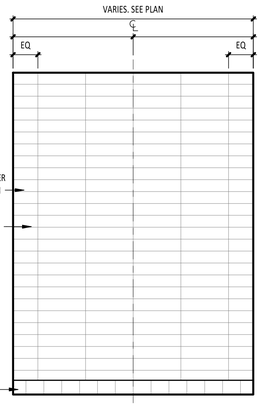
12 A802 **QUARRY TILE FLOOR TRANSITION @ POS**
3" = 1'-0"



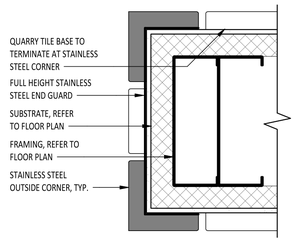
11 A802 **KITCHEN WALL TILE LAYOUT**
1/2" = 1'-0"



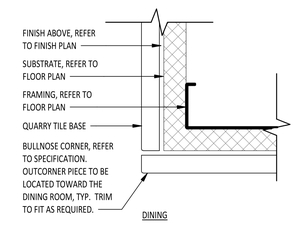
10 A802 **TILE CENTERED LAYOUT**
1/2" = 1'-0"

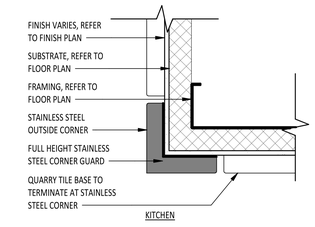


9 A802 **JOINT CENTERED LAYOUT**
1/2" = 1'-0"

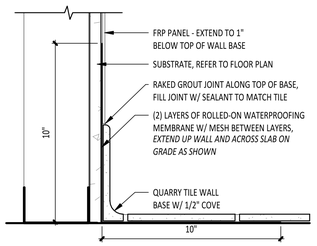


8 A802 **QUARRY TILE ENDCAP**
6" = 1'-0"

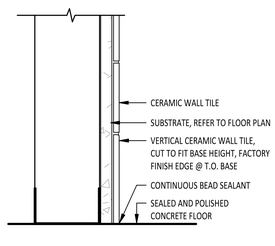




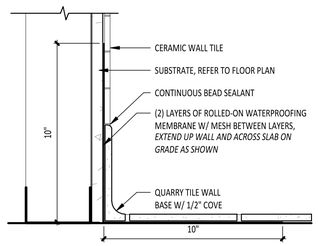
7 A802 **QUARRY TILE OUTSIDE CORNER**
6" = 1'-0"



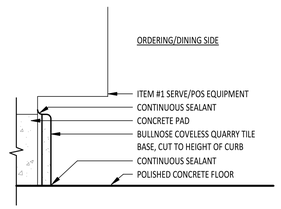
6 A802 **BASE @ FRP TO QUARRY TILE**
3" = 1'-0"



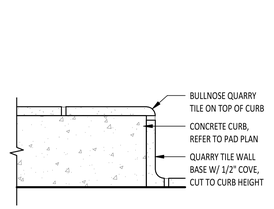
5 A802 **BASE @ TILE TO CONCRETE**
3" = 1'-0"



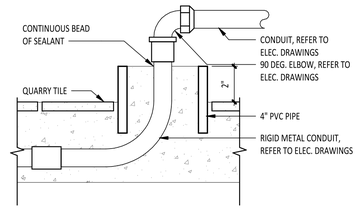
4 A802 **BASE @ TILE TO QUARRY TILE**
3" = 1'-0"



3 A802 **BASE @ ORDERING**
3" = 1'-0"



2 A802 **QUARRY TILE @ CONC. PADS**
3" = 1'-0"



1 A802 **POWER STUB UNDER TABLES**
3" = 1'-0"

Consultant:

HARLAN R. FAUST ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT HARLAN R. FAUST STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

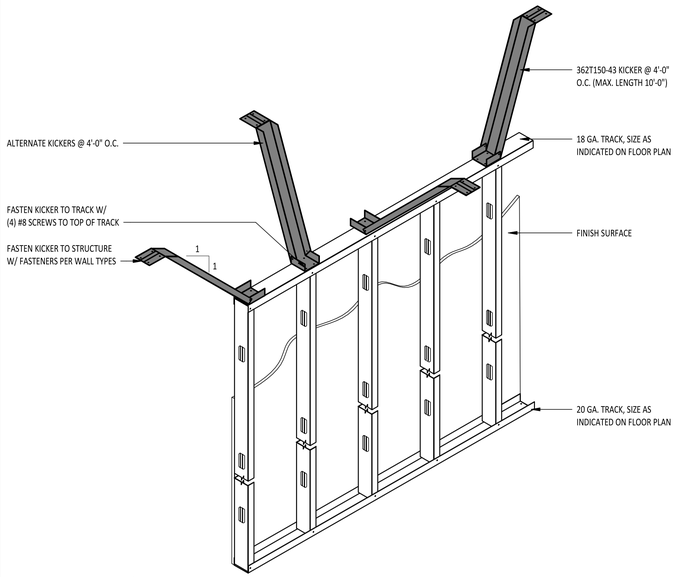
Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

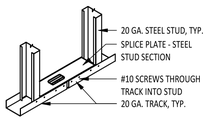
Contents:
TILE DETAILS

A802



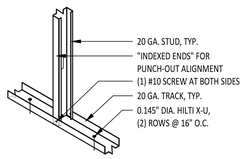
7 A803 TYPICAL 45° KICKER BRACING

1 1/2" = 1'-0"



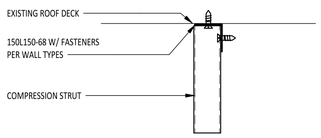
6 A803 TRACK SPLICE DETAIL

1 1/2" = 1'-0"



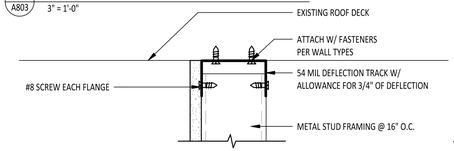
5 A803 TYP. STUD/TRACK/FLOOR SLAB CONNECTIONS

1 1/2" = 1'-0"



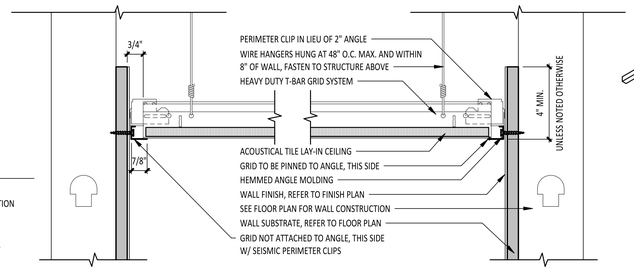
4 A803 COMPRESSION STRUT ATTACHMENT

3" = 1'-0"



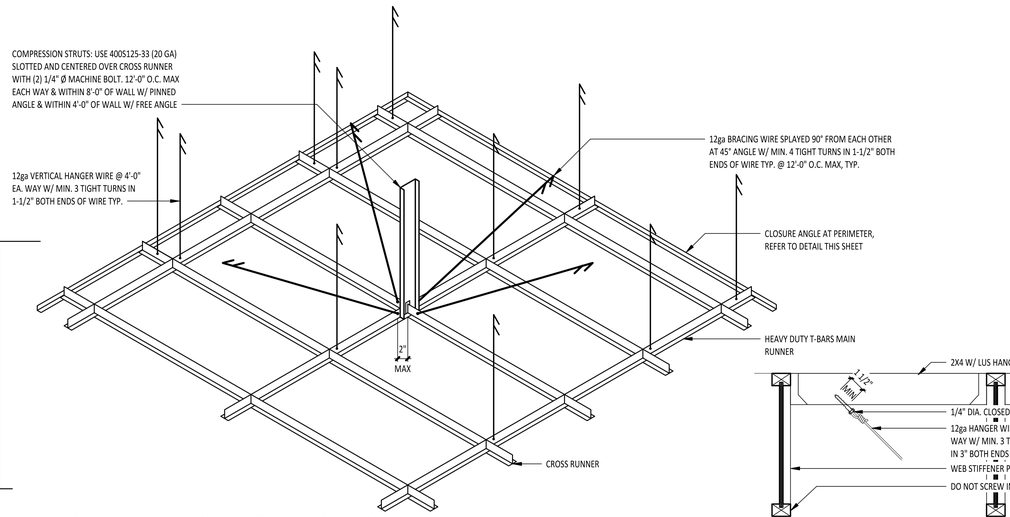
3 A803 TYPICAL TOP OF FULL HEIGHT WALL

3" = 1'-0"



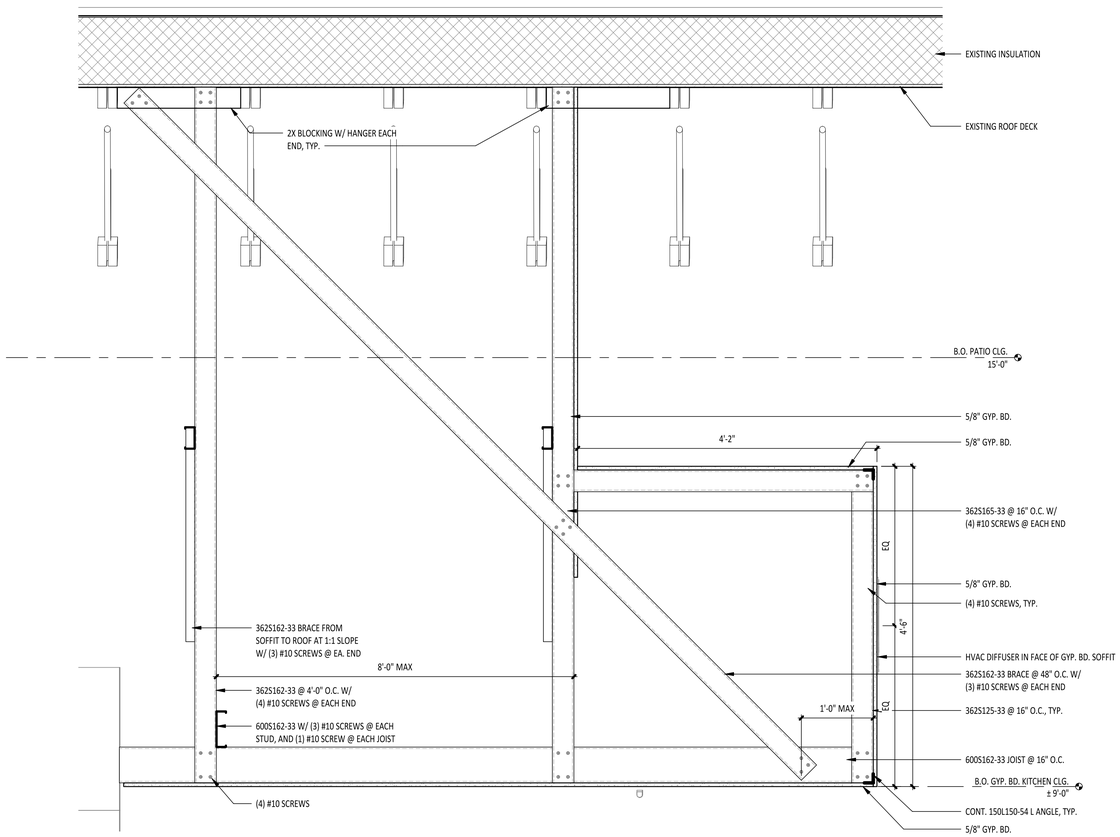
2 A803 LAY-IN CEILING DETAIL

3" = 1'-0"



1 A803 SEISMIC CEILING DETAIL @ LAY-IN CEILING PANEL

1 1/2" = 1'-0"



8 A803 SOFFIT SECTION

1" = 1'-0"

Consultant:
HARLAN R. FAUST ARCHITECT
HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163 REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

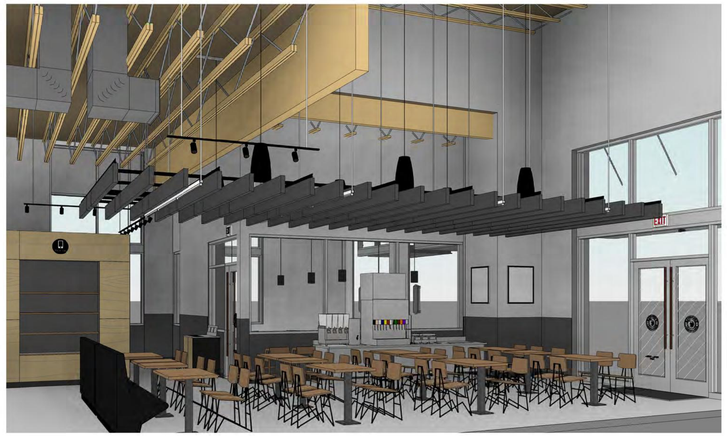
Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:
WALL AND CEILING DETAILS

A803







Consultant:

HARLAN R. FAUST
ARCHITECT

HARLAN R. FAUST, ARCHITECT
14344 "Y" STREET
SUITE NO. 204
OMAHA, NE 68137-2805
TEL: 402.895.0878
FAX: 402.895.9561
www.fhaarchitects.com

4163
REGISTERED ARCHITECT
HARLAN R. FAUST
STATE OF WASHINGTON

12/22/2021

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140

GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL
09/14/2021	BID SET
10/06/2021	PERMIT RESUBMITTAL
11/16/2021	PLANNING RESUBMITTAL
12/22/2021	PLANNING RESUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
BLW	BLW	BJF

Project No.
030721

Contents:

INTERIOR
PERSPECTIVES

A900

STRUCTURAL - GENERAL NOTES

GENERAL REQUIREMENTS

GOVERNING CODE: The design and construction of this project is governed by the **"International Building Code (IBC)", 2018 Edition**, hereafter referred to as the IBC, as adopted and modified by the Authority Having Jurisdiction (AHJ).

REFERENCE STANDARDS: Refer to Chapter 35 of 2018 IBC. Where other Standards are noted in the drawings, use the latest edition of the standard unless a specific date is indicated. Reference to a specific section in a code does not relieve the contractor from compliance with the entire standard.

OTHER DRAWINGS: Refer to the architectural, mechanical, electrical, civil and plumbing drawings for additional information including but not limited to: dimensions, elevations, slopes, door and window openings, non-bearing walls, stairs, finishes, drains, waterproofing, railings, curtain walls, curbs, depressions, mechanical unit locations, and other nonstructural items.

STRUCTURAL DETAILS: The structural drawings are intended to show the general character and extent of the project and are not intended to show all details of the work. Use entire detail sheets and specific details referenced in the plans as "typical" wherever they apply. Similarly, use details on entire sheets with "typical" in the name wherever they apply.

COORDINATION: The Contractor is responsible for coordinating details and accuracy of the work; for confirming and correlating all quantities and dimensions; for selecting fabrication processes; for techniques of assembly; and for performing work in a safe and secure manner.

EXISTING CONDITIONS: Information shown on the drawings related to existing conditions represent the present knowledge, but without guarantee of accuracy. Report conditions that conflict with contract documents to the architect or SEOR. Do not deviate from the contract documents without written direction from the architect and/or SEOR. All existing dimensions and information shall be field verified prior to fabrication as required to coordinate with new construction.

MEANS, METHODS and SAFETY REQUIREMENTS: The contractor is responsible for the means and methods of construction and all job related safety standards such as OSHA and DOSH (Department of Occupational Safety and Health). The contractor is responsible for means and methods of construction related to the intermediate structural conditions (i.e. movement of the structure due to moisture and thermal effects; construction sequence; temporary bracing, etc).

TEMPORARY SHORING, BRACING: The contractor is responsible for the strength and stability of the structure during construction and shall provide temporary shoring, bracing and other elements required to maintain stability until the structure is complete. It is the contractor's responsibility to be familiar with the work required in the construction documents and the requirements for executing it properly.

NOTE PRIORITIES: Plan and detail notes and specific loading data provided on individual plans and detail drawings supplements information in the Structural General Notes.

DISCREPANCIES: In case of discrepancies between the General Notes, Specifications, Plans/Details or Reference Standards, the Architect/Engineer shall determine which shall govern. Discrepancies shall be brought to the attention of the Architect/Engineer before proceeding with the work. Should any discrepancy be found in the Contract Documents, the Contractor will be deemed to have included in the price the most expensive way of completing the work, unless prior to the submission of the price, the Contractor asks for a decision from the Architect as to which shall govern. Accordingly, any conflict in or between the Contract Documents shall not be a basis for adjustment in the Contract Price.

SITE VERIFICATION: The contractor shall verify all dimensions and conditions at the site. Conflicts between the drawings and actual site conditions shall be brought to the attention of the Architect/Engineer before proceeding with the work.

ADJACENT UTILITIES: The contractor shall determine the location of all adjacent underground utilities prior to earthwork, foundations, excavation. Any utility information shown on the drawings and details is approximate and not necessarily complete.

DESIGN CRITERIA AND LOADS

OCCUPANCY:	Risk Category of Building per 2018 IBC Table 1604.5 =	**II**

WIND DESIGN:	**MAIN WIND FORCE RESISTING SYSTEM**		
	Ultimate Design Wind Speed, V_{basic} (MPH)		**97**
	Exposure Category		**B**
	Topographic Factor	**Kzt =**	**1.0**

SEISMIC DESIGN:	**Seismic Design Category:**	**SDC =**	**D**
	Site Classification per IBC 1613.3.2 & ASCE 7-16, Ch. 20 **Site Class =**		**D**
	Seismic Importance Factor per ASCE 7-16 Table 1.5-2	**Ie =**	**1.0**
	Spectral Response Acceleration (Short Period)	**S_s =**	**1.437 g**
	Spectral Response Acceleration (1-Second Period)	**S_1 =**	**0.500 g**
	Spectral Design Response Coefficient (Short Period)	**S_{DS} =**	**1.150 g**

SNOW LOAD: (1)	Flat Roof Snow Load, (PSF)	p_f =	**25**
	Snow Load Importance Factor	**I_s =**	**1.0**

DESIGN LIVE LOADS	**AREA**	**LIVE LOADS (PSF)**
	Dining Rooms & Restaurants	100
	Roofs	20

INSPECTIONS, QUALITY ASSURANCE VERIFICATIONS AND TEST REQUIREMENTS

INSPECTIONS: Foundations, footings, under slab systems and framing are subject to inspection by the Building Official in accordance with IBC 110.3. Contractor shall coordinate all required inspections with the Building Official.

SPECIAL INSPECTIONS, VERIFICATIONS and TESTS: Special Inspections, Verifications and Testing shall be done in accordance with IBC Chapter 17, the STATEMENT AND SCHEDULES OF SPECIAL INSPECTIONS listed in these drawings.

STRUCTURAL OBSERVATION: per IBC Section 1704.6. Structural Observation for this project is not required per IBC Section 1704.6.

SOILS AND FOUNDATIONS

REFERENCE STANDARDS: Conform to IBC Chapter 18 "Soils and Foundations."

GEOTECHNICAL SUBGRADE INSPECTION: Assumed values shall be field verified by the Building Official or the Geotechnical Engineer prior to placing concrete.

DESIGN SOIL VALUES:
Allowable Foundation Bearing Pressure..... 1500 PSF – Assumed

FOUNDATIONS and FOOTINGS: Foundations shall bear on either on competent native soil or compacted structural fill. Exterior perimeter footings shall bear not less than **18** inches below finish grade, unless otherwise specified by the geotechnical engineer and/or the building official.

FOOTING DEPTH: Tops of footings shall be as shown on plans with vertical changes as indicated with steps in the footings; locations of steps shown as approximate and shall be coordinated with the civil grading plans.

CAST-IN-PLACE CONCRETE

REFERENCE STANDARDS: Conform to:
(1) ACI 301-16 "Specifications for Structural Concrete"
(2) IBC Chapter 19 "Concrete"
(3) ACI 318-14 "Building Code Requirements for Structural Concrete"
(4) ACI 117-10 "Specifications for Tolerances for Concrete Construction and Materials"

FIELD REFERENCE: The contractor shall keep a copy of ACI Field Reference manual, SP-15, "Standard Specifications for Structural Concrete (ACI 301) with Selected ACI and ASTM References."

CONCRETE MIXTURES: Conform to ACI 301 Section 4 "Concrete Mixtures" and IBC Section 1904.1.

MATERIALS: Conform to ACI 301 Section 4.2.1 "Materials" for requirements for cementitious materials, aggregates, mixing water and admixtures.

SUBMITTALS: Provide all submittals required by ACI 301 Section 4.1.2. Submit mix designs for each mix in the table below. Substantiating strength results from past tests shall not be older than 24 months per ACI 318 Section 26.4.3.1 (b).

TABLE OF MIX DESIGN REQUIREMENTS

Member Type/Location	Strength f'c (psi)	Test Age (days)	Nominal Maximum Aggregate	Exposure Class	Max W/C Ratio	Air Content	Notes (1 to 9 Typical UNO)
Footings	4000	28	1"	-	-	-	-

Table of Mix Design Requirements Notes:

(1) W/C Ratio: Water–cementitious material ratios shall be based on the total weight of cementitious materials. Maximum ratios are controlled by strength noted in the Table of Mix Design Requirements and durability requirements given in ACI 318 Section 19.3.

(2) Cementitious Materials:
a. The use of fly ash, other pozzolans, silica fume, or slag shall conform to ACI 318 Sections 19.3.2 and 26.4.2.2. Maximum amount of fly ash shall be 25% of total cementitious content unless reviewed and approved otherwise by SER.
b. Cementitious materials shall conform to the relevant ASTM standards listed in ACI 318 Section 26.4.1.1.1(a).

(3) Air Content: Conform to ACI 318 Section 19.3.3.1. Minimum standards for exposure class are noted in the table. If freezing and thawing class is not noted, air content given is that required by the SER. Tolerance is ±1-½%. Air content shall be measured at point of placement.

(4) Aggregates shall conform to ASTM C33.

(5) Slump: Conform to ACI 301 Section 4.2.2.2. Slump shall be determined at point of placement.

(6) Chloride Content: Conform to ACI 318 Table 19.3.2.1.

(7) Non- chloride accelerator: Non-chloride accelerating admixture may be used in concrete placed at ambient temperatures below 50°F at the contractor's option.

(8) ACI 318, Section 19.3.1.1 exposure classes shall be assumed to be F0, S0, W0, and C0 unless different exposure classes are listed in the Table of Mix Design Requirements that modify these base requirements.

FORMWORK & RESHORING: Conform to ACI 301 Section 2 "Formwork and Form Accessories."

MEASURING, MIXING, AND DELIVERY: Conform to ACI 301 Section 4.3.

HANDLING, PLACING, CONSTRUCTING AND CURING: Conform to ACI 301 Section 5. In addition, hot weather concreting shall conform to ACI 305R-10 and cold weather concreting shall conform to ACI 306R-10.

EMBEDDED ITEMS: Position and secure in place expansion joint material, anchors and other structural and non-structural embedded items before placing concrete. Contractor shall refer to mechanical, electrical, plumbing and architectural drawings and coordinate other embedded items.

GROUT: Use 3000 psi non-shrink grout under column base plates.

STRENGTH TESTING AND ACCEPTANCE:

Testing: Obtain samples and conduct tests in accordance with ACI 301 Section 1.6.3.2. Additional samples may be required to obtain concrete strengths at alternate intervals than shown below.

- Cure 4 cylinders for 28-day test age. test 1 cylinder at 7 days, test 2 cylinders at 28 days, and hold 1 cylinder in reserve for use as the Engineer directs. After 56 days, unless notified by the Engineer to the contrary, the reserve cylinder may be discarded without being tested for specimens meeting 28-day strength requirements.
- The number of cylinders indicated above reference 6 by 12 in cylinders. If 4 by 8 in cylinders are to be used, additional cylinders must be cured for testing of 3 cylinders at test age per the table of mix design requirements.

Acceptance. Strength is satisfactory when:

(1) The averages of all sets of 3 consecutive tests equal or exceed the specified strength.

(2) No individual test falls below the specified strength by more than 500 psi.

A "test" for acceptance is the average strength of two 6 by 12 in. cylinders or three 4 by 8 in. cylinders tested at the specified test age.

CONCRETE PLACEMENT TOLERANCE: Conform to ACI 117-10 for concrete placement tolerance.

CONCRETE REINFORCEMENT

REFERENCE STANDARDS: Conform to:
(1) ACI 301-16 "Standard Specifications for Structural Concrete", Section 3 "Reinforcement and Reinforcement Supports."
(2) ACI SP-66(04) "ACI Detailing Manual"
(3) CRSI MSP-09, 28th Edition, "Manual of Standard Practice."
(5) IBC Chapter 19-Concrete.
(6) ACI 318-14 "Building Code Requirements for Structural Concrete."
(7) ACI 117-10 "Specifications for Tolerances for Concrete Construction and Materials"

MATERIALS:

Reinforcing Bars.....ASTM A615, Grade 60, deformed bars.
Bar Supports .....CRSI MSP-09, Chapter 3 "Bar Supports."
Tie Wire .....16 gage or heavier, black annealed.

FABRICATION: Conform to ACI 301, Section 3.2.2. "Fabrication", and ACI SP-66 "ACI Detailing Manual."

PLACING: Conform to ACI 301, Section 3.3.2 "Placing." Placing tolerances shall conform to ACI 117.

CONCRETE COVER: Conform to the following cover requirements unless noted otherwise in the drawings.
Concrete cast against earth .....3"
Concrete exposed to earth or weather.....2"

SPLICES: Conform to ACI 301, Section 3.3.2.7, "Splices". Lap all continuous reinforcement 30 bar diameters or 2' 0" minimum. Provide corner bars at all wall and footing intersections. Lap corner bars 30 bar diameters or 2' 0" minimum.

FIELD BENDING: Conform to ACI 301 Section 3.3.2.8. "Field Bending or Straightening." Bar sizes #3 through #5 may be field bent cold the first time. Subsequent bends and other bar sizes require preheating. Do not twist bars. Bars shall not be bent past 45 degrees.

STRUCTURAL STEEL

REFERENCE STANDARDS: Conform to:
1) IBC Chapter 22 – "Steel"
2) ANSI/AISC 303-16 – "Code of Standard Practice for Steel Buildings & Bridges"
3) AISC – "Manual of Steel Construction", Fifteenth Edition (2016)
4) ANSI/AISC 360-16 – "Specification for Structural Steel Buildings"
5) AWS D1.1:2015 – "Structural Welding Code – Steel"

MATERIALS:
Structural steel materials shall conform to materials and requirements listed in AISC 360 section A3 including, but not limited to:
Structural Plate (PL).....ASTM A36, Fy = 36 ksi
Hollow Structural Section – Square/Rect (HSS)..ASTM A500, Grade C Fy = 50 ksi
Heavy Hex Nuts .....ASTM A563, Grade and Finish per RCSC Table 2.1
Washers (Hardened Flat or Beveled).....ASTM F436, Grade and Finish per RCSC Table 2.1
Anchor Rods (Anchor Bolts, typical).....ASTM F1554, Gr. 36
Mild Threaded Rods .....ASTM A36, Fy = 36 ksi

FABRICATION:

1) Conform to AISC 360 Section M2 "Fabrication" and AISC 303 Section 6 "Shop Fabrication".
2) Quality Control (QC) shall conform to:
a. AISC 360 Chapter N "Quality Control and Quality Assurance" and
b. AISC 303 Section 8 "Quality Control".
c. Fabricator and Erector shall establish and maintain written Quality Control (QC) procedures per AISC 360 section N3.
d. Fabricator shall perform self-inspections per AISC 360 section N5 to ensure that their work is performed in accordance with Code of Standard Practice, the AISC Specification, Contract Documents and the Applicable Building Code.
e. QC inspections may be coordinated with Quality Assurance inspections per Section N5.3 where fabricators QA procedures provide the necessary basis for material control, inspection, and control of the workmanship expected by the Special Inspector.

WELDING:

1) Welding shall conform to AWS D1.1 with Prequalified Welding Processes except as modified by AISC 360 section J2. Welders shall be qualified in accordance with AWS D1.1 WABO requirements.
2) Use 70ksi strength, low-hydrogen type electrodes (E7018) or E71T as appropriate for the process selected.
3) Welding of high strength anchor rods is prohibited unless approved by Engineer.

ERECTION:

1) Conform to AISC 360 Section M4 "Erection" and AISC 303 Section 7 "Erection".
2) Conform to AISC 360 Chapter N "Quality Control and Quality Assurance" and AISC 303 Section 8.
a. The Erector shall maintain detailed erection quality control procedures that ensure that the work is performed in accordance with these requirements and the Contract Documents.
3) Steel work shall be carried up true and plumb within the limits defined in AISC 303 Section 7.13.
4) The contractor shall provide temporary bracing and safety protection required by AISC 360 Section M4.2 and AISC 303 Section 7.10 and 7.11.

PROTECTIVE COATING REQUIREMENTS:

1) SHOP PAINTING: Conform to AISC 360 Section M3 and AISC 303 Section 6.5 unless otherwise specified by the project specifications.

WOOD FRAMING

REFERENCE STANDARDS: Conform to:
(1) IBC Chapter 23 "WOOD"
(2) NDS - "2018 National Design Specification (NDS) for Wood Construction"
(3) APA D510C-12 Plywood Design Specification

IDENTIFICATION: All sawn lumber and pre-manufactured wood products shall be identified by the grade mark or a certificate of inspection issued by the certifying agency.

MATERIALS:

- Sawn Lumber: Conform to grading rules of WWPA, WCLIB or NLGA and Table below. Finger jointed studs acceptable at interior walls only.

TABLE of SOLID SAWN LUMBER

Member Use	Size	Species	Grade
Wall Stud/ Top & Bottom Plates UNO	2x6	Doug Fir Larch	No. 2
Sill Plate (at concrete)	2x6	PT Doug Fir Larch	No. 2

- Glued Laminated Timber: Conform to ANSI 117-**2015** "Standard Specifications for Structural Glue-laminated Timber of Softwood Species, Manufacturing and Design" and ANSI A190.1 "Structural Glued Laminated Timber." Camber all glued laminated beams, except cantilevered and continuous beams, to 3000' radius, unless shown otherwise on the plans. Fabricate cantilevered and continuous beams flat, unless shown otherwise on plans.

TABLE of GLULAM and GRADE

Member	Sizes	Species	Comb. Symbol	Uses
Beams	All	DF/DF	24F–V4	Simple Spans

- Wood Structural Sheathing (Plywood): Wood APA-rated structural sheathing includes: all veneer plywood, oriented strand board, waferboard, particleboard, T1-11 siding, and composites of veneer and wood based material with T&G joint. **Architect** may disallow OSB. Confirm with **Architect**. Conform to "Construction and Industrial Plywood" based on Product Standard PS 1-09 by the U.S. Dept. of Commerce, and "Performance Standard for Wood-Based Structural-Use Panels" based on Product Standard PS 2-10 by the U.S. Dept. of Commerce and "Plywood Design Specification" based on APA D510C-12 by the American Plywood Association. Unless noted otherwise, sheathing shall comply with the following table:

TABLE of SHEATHING - Use, Minimum Thickness and Minimum APA Rating

Location	Thickness	Span Rating	Plywood Grade	Exposure
Walls	15/32"	32/16	C-D	1

- Timber Connectors: Shall be "Strong Tie" by Simpson Company as specified in their latest catalog. Alternate connectors by other manufacturers may be substituted provided they have current ICC approval for equivalent or greater load capacities and are reviewed and approved by the SER prior to ordering. Connectors shall be installed per the manufacturer's instructions. Where connector straps connect two members, place one-half of the nails or bolts in each member.
- Where connectors are in exposed exterior applications in contact with preservative treated wood (PT) other than CCA, connectors shall be either batch hot-dipped galvanized (HDG), mechanically galvanized (ASTM B695, Class 55 minimum) stainless steel, or provided with 1.85 oz/sf of zinc galvanizing equal to or better than Simpson ZMAX finish.
- Fasteners (nails, bolts, screws, etc) attaching timber connectors (joist hangers, post caps and bases, etc) to PT wood shall have similar corrosion resistance properties (matching protective treatments) as the protected connector. Fasteners (nails, bolts, screws, etc) attaching sawn timber members or sheathing (shear walls) to PT wood shall be corrosion resistant; nails and lag bolts shall be either HDG (ASTM A153) or stainless steel. Verify the suitability of the fastener protection/coating with the wood treatment chemical manufacturer/supplier.

  Provide washers under the heads and nuts of all bolts and lag screws bearing on wood.
- Lag Bolts/Bolts: Conform to ASTM A307 and IBC Section 2304.10.
- Nails and Staples: Conform to ASTM F1667 and IBC Sections 2303.6 and 2304.10.

NAILING REQUIREMENTS: Conform to IBC Section 2304.10 "Connections and fasteners." Unless noted on plans, nail per Table 2304.10.1. Nailing for roof/floor diaphragms/shear walls shall be per drawings. Nails shall be driven flush and shall not fracture the surface of sheathing. Alternate nails may be used but are subject to review and approval by the Structural Engineer. Substitution of staples for the nailing of rated sheathing is subject to review by the structural engineer prior to construction.

STANDARD LIGHT-FRAME CONSTRUCTION: Unless noted on the plans, construction shall conform to IBC Section 2308 "Conventional Light-Frame Construction."

DRAWING LEGEND

MARK	DESCRIPTION	MARK	DESCRIPTION
F2.0	FOOTING SYMBOL (REFER TO SPREAD FOOTING SCHEDULE)	I	INDICATES WIDE FLANGE COLUMN
1P	PILE CAP SYMBOL (REFER TO PILE CAP SCHEDULE)	□	INDICATES HOLLOW STRUCTURAL SECTION (HSS) COLUMN OR TUBE STEEL (TS) COLUMN
1	TILT-UP/PRECAST CONCRETE WALL CONNECTION SYMBOL (REFER TO CONNECTION DETAIL)	○	INDICATES HOLLOW STRUCTURAL SECTION (HSS) COLUMN OR STEEL PIPE COLUMN
2W4	SHEAR WALL SYMBOL (REFER TO SHEAR WALL SCHEDULE)	⊠	INDICATES WOOD POST
0 RFI 00	REVISION TRIANGLE	■	INDICATES BUNDLED STUDS
1	TILT-UP/PRECAST CONCRETE WALL PANEL NUMBER (REFER TO TILT-UP/ PRECAST CONCRETE WALL ELEVATIONS)		INDICATES CONCRETE COLUMN
1	CMU WALL REINFORCING SYMBOL (REFER TO CMU WALL REINFORCING SCHEDULE)		INDICATES PRECAST CONCRETE COLUMN
8"	CONTINUITY PLATE LENGTH (REFER TO TYPICAL DETAIL)		INDICATES MOMENT FRAME CONNECTION
DS	INDICATES DOUBLE SHEAR CONNECTION (REFER TO THE DOUBLE SHEAR PLATE CONNECTIONS DETAIL)		INDICATES CANTILEVER CONNECTION
00TB	INDICATES REINFORCING TYPE (REFER TO THE REINFORCING SCHEDULE)		INDICATES DRAG CONNECTION
SR__	INDICATES NUMBER OF STUD RAIL REQUIRED AT COLUMN (REFER TO STUD RAIL DETAILS)		INDICATES A LEDGER
1	ROOF/FLOOR DIAPHRAGM NAILING SYMBOL (REFER TO DIAPHRAGM NAILING SCHEDULE)		INDICATES WOOD OR STEEL STUD BEARING WALL LINE PER KEY ON SHEET
C1 XX"xXX"	STEEL/CONCRETE COLUMN SYMBOL (REFER TO STEEL COLUMN SCHEDULE)	OR	INDICATES WOOD OR STEEL STUD SHEAR WALL LINE AND HOLD-DOWNS PER KEY ON SHEET
T/FTG = X'-X"	ELEVATION SYMBOL (T/ REFERS TO COMPONENT THAT THE ELEVATION REFERENCES)		INDICATES MASONRY/CMU WALL
3	STUD BUBBLE (INDICATES NUMBER OF STUDS REQUIRED IF EXCEEDS NUMBER SPECIFIED IN PLAN NOTE)		INDICATES CONCRETE/TILT-UP CONCRETE WALL
	INDICATES STEP IN FOOTING (REFER TO TYPICAL STEP IN FOOTING DETAIL)		INDICATES BEARING WALL BELOW
X SX.X	DETAILS OR SECTION CUT (DETAIL NUMBER/SHEET NUMBER)		INDICATES EXISTING WALL
00 S0.0	DETAILS OR SECTION CUT IN PLAN VIEW (DETAIL NUMBER/SHEET NUMBER)		POST-TENSION DEAD END (PLAN)
XX/SXX.XX	INDICATES LOCATION OF CONCRETE WALLS, SHEAR WALLS OR BRACED FRAME ELEVATIONS		POST-TENSION STRESSING END (PLAN)
	STRUCTURAL EXTENT SYMBOL SINGLE ARROW - END OF EXTENT DOUBLE ARROW - CONTINUOUS EXTENT ALONG THE ELEMENT LINE UNTIL THE ELEMENT IS INTERRUPTED	3	POST-TENSION PROFILE (PLAN) (IN INCHES)
			INTERMEDIATE STRESSING (PLAN)
	INDICATES DIRECTION OF DECK SPAN		

ABBREVIATIONS

L	Angle	EXT	Exterior	PJP	Partial Joint Penetration
AB	Anchor Bolt	FB	Factory-Built	PREFAB	Prefabricated
ADDL	Additional	FD	Floor Drain	PSF	Pounds per Square Foot
ADH	Adhesive	FDN	Foundation	PSI	Pounds Per Square Inch
ALT	Alternate	FIN	Finish	PSL	Parallel Strand Lumber
ARCH	Architectural	FLR	Floor	P-T	Post-Tensioned
B or BOT	Bottom	FRP	Fiberglass Reinforced Plastic	PT	Pressure Treated
B/	Bottom Of	FRT	Fire Retardant Treated	R	Radius
BLDG	Building	FTG	Footing	RD	Roof Drain
BLKG	Blocking	F/	Face of	REF	Refer/Reference
BMU	Brick Masonry Unit	GA	Gage	REINF	Reinforcing
BP	Baseplate	GALV	Galvanized	REQD	Required
BRBF	Buckling Restrained Braced Frame	GEOTECH	Geotechnical	RET	Retaining
		GL	Glue Laminated Timber	SB	Site-Built
BRG	Bearing	GWB	Gypsum Wall Board	SCBF	Special Concentric Braced Frame
BTWN	Between	HDR	Header		
C	Camber	HF	Hem-Fir	SCHED	Schedule
CB	Castellated Beam	HGR	Hanger	SER	Structural Engineer of Record
C'BORE	Counterbore	HD	Hold-down		
CL or ℄	Centerline	HORIZ	Horizontal	SFRS	Seismic Force-Resisting System
CLT	Cross-Laminated Timber	HP	High Point		
CIP	Cast in Place	HSS = TS	(Hollow Structural Section)	SHTHG	Sheathing
CJ	Construction or Control Joint	IBC	International Building Code	SIM	Similar
		ID	Inside Diameter	SLBB	Short Leg Back-to-Back
CJP	Complete Joint Penetration	IE	Invert Elevation	SMF	Special Moment Frame
		IF	Inside Face	SOG	Slab on Grade
CLR	Clear	INT	Interior	SP	Southern Pine
CLG	Ceiling	k	Kips	SPEC	Specification
CMU	Concrete Masonry Unit	KSF	Kips Per Square Foot	SQ	Square
COL	Column	LF	Lineal Foot	SR	Studrail
CONC	Concrete	LL	Live Load	SF	Square Foot
CONN	Connection	LLBB	Long Leg Back-to-Back	SST	Stainless Steel
CONST	Construction	LLH	Long Leg Horizontal	STAGG	Stagger/Staggered
CONT	Continuous	LLV	Long Leg Vertical	STD	Standard
C'SINK	Countersink	LP	Low Point	STIFF	Stiffener
CTRD	Centered	LONGIT	Longitudinal	STL	Steel
DIA	Diameter	LSL	Laminated Strand Lumber	STRUCT	Structural
DB	Drop Beam	LVL	Laminated Veneer Lumber	SWWJ	Solid Web Wood Joist
DBA	Deformed Bar Anchor	MAS	Masonry	SYM	Symmetrical
DBL	Double	MAX	Maximum	T	Top
DEMO	Demolish	MECH	Mechanical	T/	Top Of
DEV	Development	MEZZ	Mezzanine	T&B	Top & Bottom
DF	Douglas Fir	MFR	Manufacturer	TC AX LD	Top Chord Axial Load
DIAG	Diagonal	MIN	Minimum	TCX	Top Chord Extension
DIST	Distributed	MISC	Miscellaneous	TDS	Tie Down System
DL	Dead Load	NIC	Not In Contract	T&G	Tongue & Groove
DN	Down	NLT	Nail-Laminated Timber	THKND	Thickened
DO	Ditto	NTS	Not To Scale	THRD	Threaded
DP	Depth/Deep	OC	On Center	THRU	Through
DWG	Drawing	OCBF	Ordinary Concentric Braced Frame	TRANSV	Transverse
(E)	Existing			TYP	Typical
EA	Each	OD	Outside Diameter	UNO	Unless Noted Otherwise
EF	Each Face	OF	Outside Face	URM	Unreinforced Masonry Unit
EL	Elevation	OPNG	Opening		
ELEC	Electrical	OPP	Opposite	VERT	Vertical
ELEV	Elevator	OWSJ	Open Web Steel Joist	W	Wide
EMBED	Embedment	OWWJ	Open Web Wood Joist	W/	With
EQ	Equal	PL	Plate	W/O	Without
EQUIP	Equipment	PAF	Powder Actuated Fastener	WHS	Welded Headed Stud
EW	Each Way	PC	Precast	WP	Working Point
EXP	Expansion	PERP	Perpendicular	WWF	Welded Wire Fabric
EXP JT	Expansion Joint	PLWD	Plywood	±	Plus or Minus

Consultant:
DCI ENGINEERS
341 W Tudor, Suite 105
Anchorage, Alaska 99503
P: (907) 257-2613 www.dci-engineers.com
CIVIL / STRUCTURAL

© Copyright 06.2021 D'Amato Conversano Inc. All Rights Reserved
This document, and the ideas and designs may not be reused, in whole or in part, without written permission from D'Amato Conversano Inc. D'Amato Conversano Inc. disclaims any responsibility for its unauthorized use.

RUSS ROBBINS STATE OF WASHINGTON 39904 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:
07/02/2021 PERMIT SUBMITTAL

Revisions:

Drawn: JSS | Project Manager: JJR | Checked: JJR

Project No. 030721 | DCI Project No. 21101-0154

Contents:
STRUCTURAL GENERAL NOTES, LEGEND AND ABBREVIATIONS

S000

C:\Jobs\rev05\Struct\21101-0154\S000_jasmon@dci-engineers.com.rvt
7/2/2021 1:29:02 PM

NAILERS ON STEEL COLUMNS and BEAMS: Wood 3x nailers are generally required on all HSS columns and steel beams abutting or embedded within wood framing. Unless noted otherwise, attach with 5/8" diameter bolts or welded studs at 16" on centers. Unless noted otherwise, wood nailers on beams supporting joist hangers shall not overhang the beam flange by more than ¼".

MOISTURE CONTENT: The contractor shall make provisions during handling and construction to prevent the structural wood members from exceeding the appropriate moisture content limits. The moisture content for solid sawn wood material used for this project shall not exceed 19%. The moisture content for engineered wood products, laminated lumber and sheathing shall not exceed the limits required by the manufacturer or 12%, whichever is less. The moisture content limits may be more stringent for particular product requirements (eg. finishes, cladding, insulation systems, etc.). The contractor shall refer to the Architect's drawings, project specifications, or installer/product requirements for additional requirements.

PRESERVATIVE TREATMENT (PT): Wood materials that are required to be "treated wood" in accordance with IBC Section 2304.12. "Protection Against Decay and Termite Protection" shall conform to the appropriate standards of the American Wood-Preservers Association (AWPA) for sawn lumber, glued laminated timber, round poles, wood piles and marine piles. Follow American Lumber Standards Committee (ALSC) quality assurance procedures. Products shall bear the appropriate mark. Fasteners or anchors in treated wood shall be of stainless steel or hot-dipped galvanized or as per IBC 2304.10.5.

Mud sill plates in normally dry interior applications may be treated with Sodium Borate (DOT - Disodium Octaborate Tetrahydrate) as recent studies have noted less connector corrosion potential than other available wood treatments or the original CCA treated sill plates. Wood treated with Sodium Borate shall be protected during shipment, storage and installation to minimize leaching of the water-soluble preservative from the lumber. Sodium borate pressure treated plates do not require hot-dipped galvanized connectors.

SPECIAL INSPECTIONS

The following Statement and Schedules of Inspections are those Special Inspections and Tests that shall be performed for this project. Special Inspectors shall reference these plans and IBC Chapter 17 for all special inspection requirements.
The owner shall retain a WABO accredited Special Inspections agency to provide special inspections for this project. Special Inspectors shall be qualified persons per IBC 1704.2.1.

STATEMENT OF SPECIAL INSPECTIONS:
This statement of Special Inspections has been written with the understanding that the Building Official will:

- **Review and approve the qualifications of the Special Inspectors**
- **Monitor the special inspection activity on the project site to assure that Special Inspectors are qualified and performing their duty as state within this statement.**
- **Review all Special Inspection Reports submitted to them by the Special Inspector**
- **Perform inspections as required by IBC Section 110.3.**

SPECIAL INSPECTION OF SHOP FABRICATED GRAVITY LOAD-BEARING MEMBERS AND ASSEMBLIES:
Special Inspection of shop fabricated Gravity Load Bearing Members & Assemblies shall be verified by the Special Inspector as stated in Section 1704.2.5

PREFABRICATED CONSTRUCTION: All prefabricated construction shall conform to IBC Section 1703.

SCHEDULES OF SPECIAL INSPECTIONS:

TABLE 1705.6
REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity	-	X
2. Verify excavations are extended to proper depth and have reach proper material	-	X
3. Perform classification and testing of compacted fill materials	-	X
4. Verify use of proper materials, densities and list thickness during placement and compaction of compacted fill	X	-
5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly	-	X

TABLE 1705.3
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC [CBC] REFERENCE
1. Inspection, reinforcement and verify placement.	-	X	ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. Inspect anchors cast in concrete	-	X	ACI 318: 17.8.2	-
3. Inspect anchors post-installed in hardened concrete members:				
a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	-	ACI 318: 17.8.2.4	-
b. Mechanical anchors and adhesive anchors not defined in 4.a	-	X	ACI 318: 17.8.2	
4. Verify use of required design mix	-	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
5. Prior to concrete placement, fabricate specimens, for strength tests, perform slump and air content tests, and determine the temperature of the concrete	X	-	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10
6. Inspect concrete placement for proper application techniques	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
7. Verify maintenance of specified curing temperature and techniques	-	X	ACI 318 :26.5.3 – 26.5.5	1908.9
8. Inspect formwork for shape, location and dimensions of the concrete member being formed	-	X	ACI 318: 26.11.1.2 (b)	-

MINIMUM REQUIREMENTS FOR INSPECTIONS OF STRUCTURAL STEEL CONSTRUCTION

INSPECTION TASKS	QC	QA	REFERENCED STANDARD
INSPECTION TASKS PRIOR TO WELDING			
1. Welder qualification records and continuity records	P	O	AISC 360 TABLE N5.4-1
2. Welding procedure specifications (WPSs) available	P	P	AISC 360 TABLE N5.4-1
3. Manufacturing certifications for welding consumables available	P	P	AISC 360 TABLE N5.4-1
4. Material identification (type/grade)	O	O	AISC 360 TABLE N5.4-1
5. Welder Identification system	O	O	AISC 360 TABLE N5.4-1
6. Fit-up of fillet welds • Dimensions (alignment, gaps at root) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)	O	O	AISC 360 TABLE N5.4-1
7. Check welding equipment	O	-	AISC 360 TABLE N5.4-1
INSPECTION TASKS DURING WELDING			
1. Use of qualified welders	O	O	AISC 360 TABLE N5.4-2
2. Control and handling of welding consumables •Packaging •Exposure control	O	O	AISC 360 TABLE N5.4-2
3. No welding over cracked tack welds	O	O	AISC 360 TABLE N5.4-2
4. Environmental conditions •Wind speed within limits •Precipitation and temperature	O	O	AISC 360 TABLE N5.4-2
5. WPS followed •Settings on welding equipment •Travel speed •Selected welding materials •Shielding gas type/flowrate •Preheat applied •Interpass temperature maintained (min/max) •Proper position (F, V, H, OH)	O	O	AISC 360 TABLE N5.4-2
6. Welding techniques •Interpass and final cleaning •Each pass within profile limitations •Each pass meets quality requirements	O	O	AISC 360 TABLE N5.4-2
INSPECTION TASKS AFTER WELDING			
1. Welds cleaned	O	O	AISC 360 TABLE N5.4-3
2. Size, length, and locations of welds	P	P	AISC 360 TABLE N5.4-3
3. Welds meet visual acceptance criteria •Crack prohibition •Weld/base-metal fusion •Crater cross section •Weld profiles •Weld size •Undercut •Porosity	P	P	AISC 360 TABLE N5.4-3
4. Arc strikes	P	P	AISC 360 TABLE N5.4-3
5. Repair activities	P	P	AISC 360 TABLE N5.4-3
6. Document acceptance or rejection of welded joint or member	P	P	AISC 360 TABLE N5.4-3
7. No prohibited welds have been added without the approval of the EOR	P	P	AISC 360 TABLE N5.4-3

Consultant:
DCI ENGINEERS
341 W Tudor, Suite 105
Anchorage, Alaska 99503
P: (907) 257-2613 www.dci-engineers.com
CIVIL / STRUCTURAL

© Copyright 06.2021 D'Amato Conversano Inc. All Rights Reserved
This document, and the ideas and designs may not be reused, in whole or in part, without written permission from D'Amato Conversano Inc. D'Amato Conversano Inc. disclaims any responsibility for its unauthorized use.

RAUL D. ROBLES — STATE OF WASHINGTON — 39904 — PROFESSIONAL ENGINEER

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:
07/02/2021 PERMIT SUBMITTAL

Revisions:

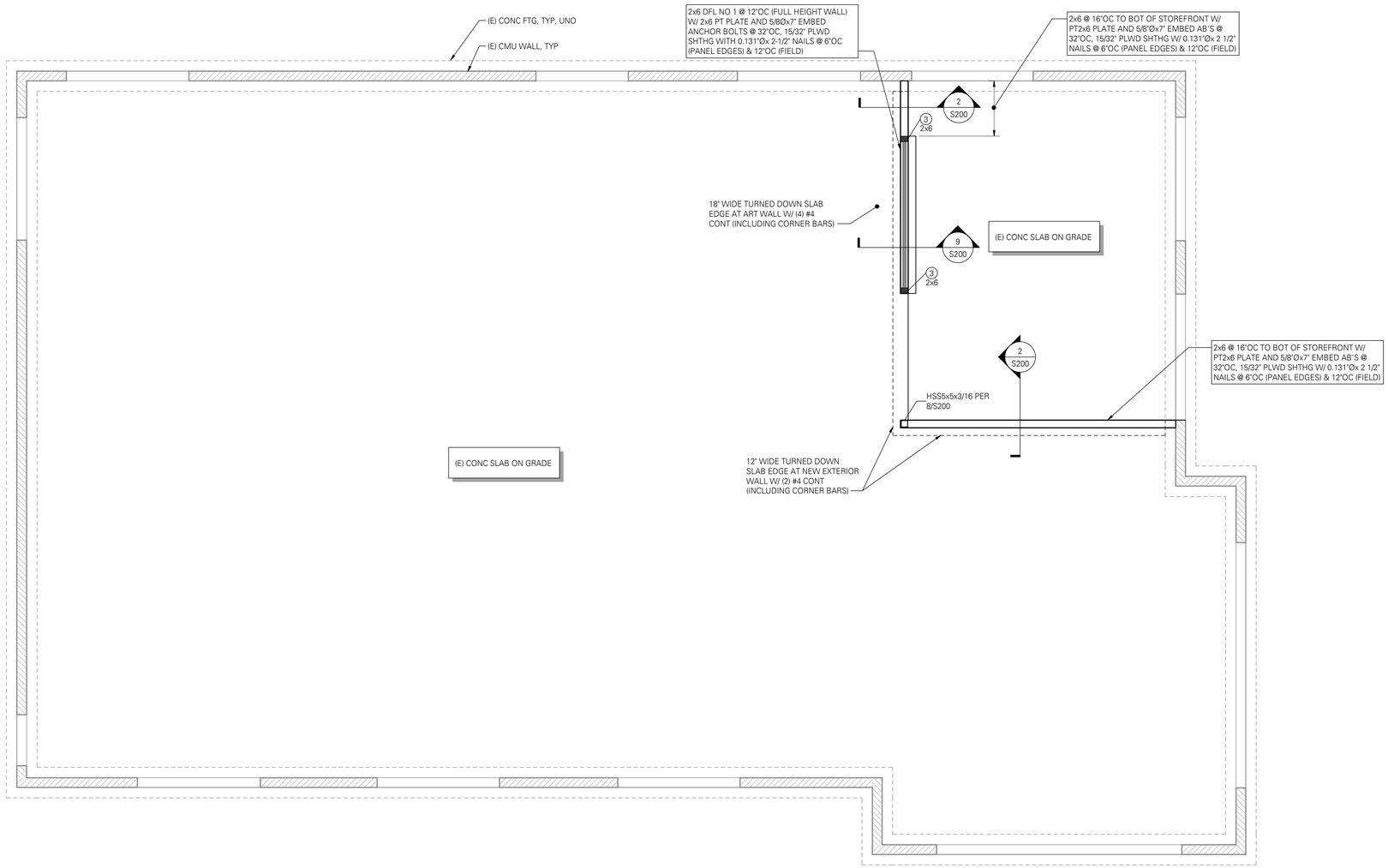
Drawn: JSS | Project Manager: JJR | Checked: JJR

Project No. 030721 | DCI Project No. 21101-0154

Contents:
STRUCTURAL GENERAL NOTES AND SPECIAL INSPECTIONS

S001

C:\Jobs\rev\Drawn 21101\01-54\0202_Jobs\rob\@dci-engineers.com.rvt
7/2/2021 1:29:19 PM



LEVEL 1 FOUNDATION AND STUD AND SHEAR WALL PLAN

SCALE: 1/4" = 1'-0"

Consultant:

DCI ENGINEERS®
341 W Tudor, Suite 105
Anchorage, Alaska 99503
P: (907) 257-2613 www.dci-engineers.com
CIVIL / STRUCTURAL

© Copyright 06.2021 D'Amato Conversano Inc. All Rights Reserved
This document, and the ideas and designs may not be reused, in whole or in part, without written permission from D'Amato Conversano Inc. D'Amato Conversano Inc. disclaims any responsibility for its unauthorized use.

RAUL D. ROBARES — STATE OF WASHINGTON — 39904 — REGISTERED PROFESSIONAL ENGINEER

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
JSS	JJR	JJR

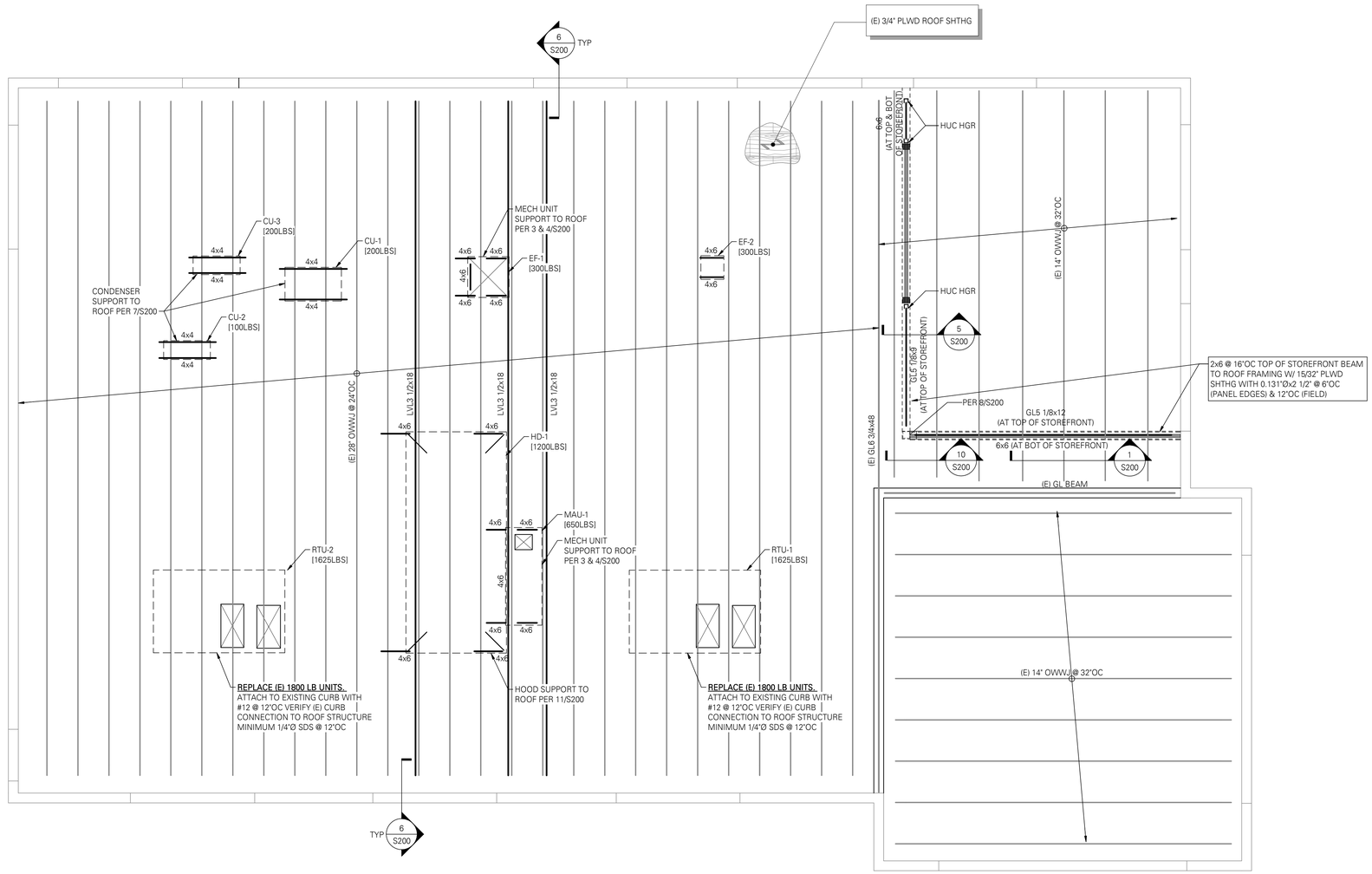
Project No.	DCI Project No.
030721	21101-0154

Contents:

STRUCTURAL LEVEL 1 FOUNDATION AND STUD AND SHEAR WALL PLAN

S100

C:\Jobsheet\Struct\21101-0154-R2021_plasmrvonebloc-engineers.com.vt
7/27/2021 1:20:34 PM



ROOF FRAMING PLAN NOTES:

1. CONTRACTOR TO VERIFY EXISTING FRAMING IN FIELD. NOTIFY ENGINEER OF ANY DISCREPANCIES.

ROOF FRAMING PLAN

N

Consultant:

DCI ENGINEERS®

341 W Tudor, Suite 105
Anchorage, Alaska 99503
P: (907) 257-2613 www.dci-engineers.com

CIVIL / STRUCTURAL

© Copyright 06.2021 D'Amato Conversano Inc. All Rights Reserved
This document, and the ideas and designs may not be reused, in whole or in part, without written permission from D'Amato Conversano Inc. D'Amato Conversano Inc. disclaims any responsibility for its unauthorized use.

PAUL J. ROSARIUS — STATE OF WASHINGTON — 39904 — PROFESSIONAL ENGINEER

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
JSS	JJR	JJR

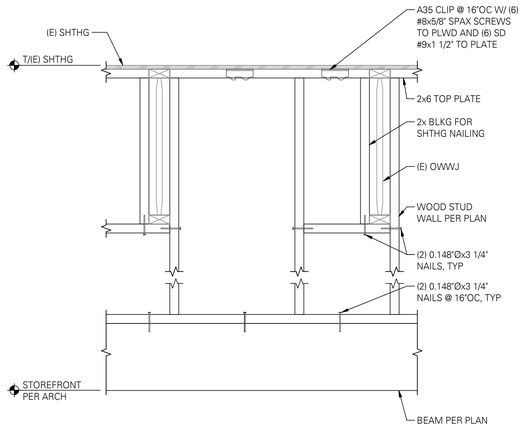
Project No.	DCI Project No.
030721	21101-0154

Contents:

STRUCTURAL ROOF FRAMING PLAN

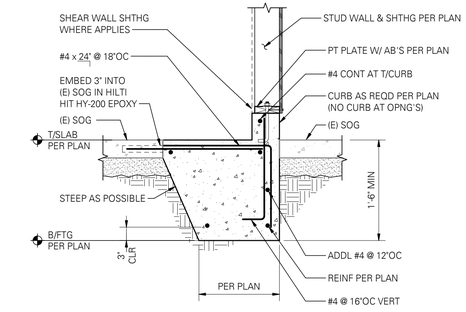
S101

C:_Jobs\Revit\Docs\21101-0154-R2021_jsteinmetz@dci-engineers.com.rvt
7/2/2021 1:29:39 PM



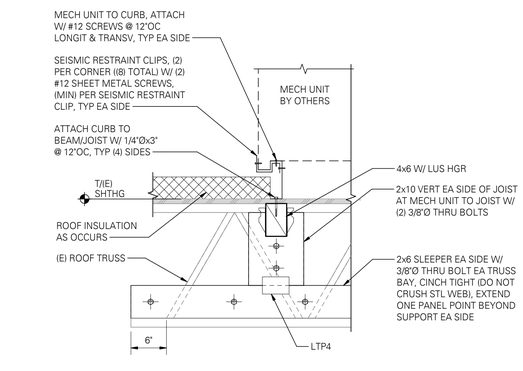
1 EXTERIOR WALL PERPENDICULAR TO EXISTING JOIST

SCALE: 1" = 1'-0"



2 EXTERIOR THICKENED SLAB EDGE FOOTING AT STUD WALL

SCALE: 3/4" = 1'-0" (03030M)

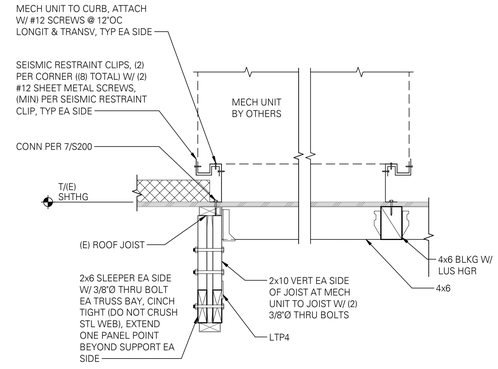


NOTES:

1. REPAIR WATERPROOFING PER ARCHITECTURAL DRAWINGS.

3 MECHANICAL UNIT TO ROOF STRUCTURE CONNECTION

SCALE: 1" = 1'-0"



NOTES:

1. REPAIR WATERPROOFING PER ARCHITECTURAL DRAWINGS.

4 MECHANICAL UNIT TO ROOF STRUCTURE CONNECTION

SCALE: 1" = 1'-0"

5 EXTERIOR WALL PARALLEL TO EXISTING JOIST

SCALE: 1" = 1'-0"

6 NEW BEAM AT EXISTING CMU WALL

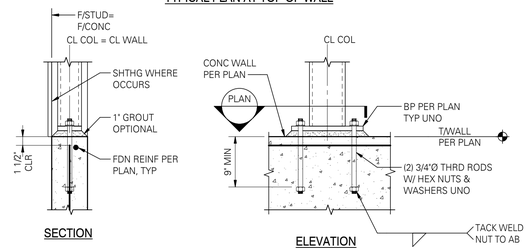
SCALE: 1" = 1'-0"

NOTE:

REPAIR WATERPROOFING PER ARCHITECTURAL DRAWINGS.

7 CONDENSER SUPPORT FRAMING

SCALE: 1" = 1'-0"



TYPICAL PLAN AT TOP OF WALL

SECTION ELEVATION

8 TYPICAL BASEPLATE TO CONCRETE WALL CONNECTION - HSS COLUMN

SCALE: 1" = 1'-0" (05032M)

9 EXTERIOR THICKENED SLAB EDGE FOOTING AT STUD WALL

SCALE: 3/4" = 1'-0" (03030M)

10 WOOD BEAM TO HSS COLUMN

SCALE: 1" = 1'-0"

11 HOOD SUPPORT DETAIL

SCALE: 1" = 1'-0"

Consultant:

DCI ENGINEERS

341 W Tudor, Suite 105
Anchorage, Alaska 99503
P: (907) 257-2613 www.dci-engineers.com
CIVIL / STRUCTURAL

© Copyright 06.2021 D'Amato Conversano Inc. All Rights Reserved
This document, and the ideas and designs may not be reused, in whole or in part, without written permission from D'Amato Conversano Inc. D'Amato Conversano Inc. disclaims any responsibility for its unauthorized use.

REGISTERED PROFESSIONAL ENGINEER — STATE OF WASHINGTON — 39904 — JAMES J. ROBERTS

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400

STORE NO.: 46-4140
GIG HARBOR
4823 POINT FOSDICK DR.
GIG HARBOR, WA 98335

Issue Record:

07/02/2021	PERMIT SUBMITTAL

Revisions:

Drawn:	Project Manager:	Checked:
JSS	JJR	JJR

Project No.	DCI Project No.
030721	21101-0154

Contents:

STRUCTURAL DETAILS

S200

C:\Jobs\revit\Struct\21101-0154-R22\21_jobsrevitstruct.com.vt

7/2/2021 1:29:48 PM

FIRE PROTECTION SCHEDULE

ROOM NUM.	DESCRIPTION	CEILING	HEIGHT	HAZARD
101	DINING	EXPOSED STRUCTURE	VARIES	LIGHT
102	UTENSIL	EXPOSED STRUCTURE	VARIES	LIGHT
103	PASSAGE	EXPOSED STRUCTURE	VARIES	LIGHT
104	POS	GYPSUM BOARD	9'-0"	ORD. HAZ. 1
105	ORDERING	EXPOSED STRUCTURE	VARIES	LIGHT
106	SERVING	GYPSUM BOARD	9'-0"	ORD. HAZ. 1
107	COOKING	INTEGRAL	9'-0"	ORD. HAZ. 1
108	DISPLAY KITCHEN	GYPSUM BOARD	9'-0"	ORD. HAZ. 1
109	BACK KITCHEN	LAY-IN	10'-0"	ORD. HAZ. 1
110	OFFICE	LAY-IN	9'-0"	LIGHT
111	COOLER	INTEGRAL	9'-4"	ORD. HAZ. 1
112	UNISEX 1	GYPSUM BOARD	8'-0"	LIGHT
113	UNISEX 2	GYPSUM BOARD	8'-0"	LIGHT
114	PATIO	TREATED WOOD PANEL	15'-0"	LIGHT
115	STORAGE	LAY-IN	15'-0"	LIGHT
116	STORAGE	EXPOSED STRUCTURE	VARIES	LIGHT

FIRE PROTECTION SCHEDULE NOTES

A CEILING HEIGHT SHOWN IS APPROXIMATE. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT CEILING HEIGHT.

FIRE PROTECTION MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
SPRINKLER HEAD	EXPOSED STRUCTURE CEILING	BRASS OR CHROME UPRIGHT
	GYPSUM BOARD CEILING	CHROME RECESSED PENDANT WITH CHROME ESCUTCHEON
	STONEWOOD	CONCEALED PENDENT WITH BLACK COVER PLATE
	LAY-IN CEILING	CHROME RECESSED PENDANT WITH CHROME ESCUTCHEON
	WALK-IN COOLER	FREEZE-PROOF PENDANT

FIRE PROTECTION GENERAL NOTES

A FIRE PROTECTION WORK SHALL BE DONE IN ACCORDANCE WITH THE BUILDING CODE, NFPA, LOCAL FIRE DEPARTMENT STANDARDS, AND THE AUTHORITY HAVING JURISDICTION. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.

B EXISTING FIRE PROTECTION SYSTEM: EXISTING WET PIPE SPRINKLER SYSTEM WITH DISTRIBUTION THROUGHOUT SPACE AND HEADS TURNED UP TO DECK.

C FIRE PROTECTION SCOPE OF WORK: MODIFY THE EXISTING HEAD LAYOUT IN THE SPACES SHOWN TO SUIT THE NEW FLOOR PLAN. PROVIDE NEW HEADS AND PIPING AS NECESSARY FOR A COMPLETE SYSTEM. PROVIDE HYDRAULIC CALCULATIONS FOR REVISED FIRE PROTECTION SYSTEM.

D EXISTING FIRE ALARM SYSTEM: EXISTING ADDRESSABLE FIRE ALARM SYSTEM WITH FACP IN BASE BUILDING RISER ROOM, NOTIFICATION APPLIANCE IN SPACE, AND PULL STATIONS AT EXITS.

E FIRE ALARM SCOPE OF WORK: MODIFY THE EXISTING FIRE ALARM SYSTEM IN THE SPACES SHOWN TO SUIT THE NEW FLOOR PLAN. PROVIDE NEW DEVICES AS NECESSARY FOR A COMPLETE SYSTEM.

F COORDINATE HEAD AND DEVICE LAYOUT WITH EXPOSED DUCTWORK, LIGHT FIXTURES, HVAC EQUIPMENT, ARCHITECTURAL CEILING ELEMENTS, AND WALL-MOUNTED EQUIPMENT. SEE ARCHITECTURAL, HVAC, PLUMBING, AND ELECTRICAL PLANS FOR LOCATIONS. PROVIDE HEADS AND DEVICES IN LAY-IN CEILINGS AT QUARTER POINTS ALONG LONG AXIS OF CEILING TILES.

G SUBMIT FIRE PROTECTION AND FIRE ALARM SHOP DRAWINGS SHOWING HEAD AND DEVICE LAYOUTS TO ARCHITECT PRIOR TO SUBMITTING FOR PERMIT APPROVAL.

H OBTAIN PERMITS, APPROVALS, AND INSPECTIONS FOR REVISED FIRE PROTECTION AND ALARM SYSTEMS.

I CEILING HEIGHTS AND CEILING FIXTURE PLACEMENTS SHOWN ARE APPROXIMATE. SEE ARCHITECTURAL RCP FOR EXACT CEILING HEIGHTS AND CEILING FIXTURE DIMENSIONS.

J IF A SLAT CEILING SYSTEM IS INSTALLED IN THE DINING ROOM WHERE IT WILL INTERFERE WITH THE PATTERN DEVELOPMENT OF SPRINKLER HEADS ABOVE THE SLAT CEILING (WITHIN 18" BELOW SPRINKLER HEADS) THEN PROVIDE INTERMEDIATE LEVEL IN-RACK PENDANT SPRINKLER HEADS IN SLAT CEILING SYSTEM PER THE ARCHITECTURAL DETAILS.

K THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.

FOR REFERENCE ONLY:
FIRE PROTECTION AND ALARM SYSTEMS ARE TO BE DESIGNED BY THE GENERAL CONTRACTOR



1 F100 **FIRE PROTECTION PLAN**
1/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:19 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

2	8 SEP 21	CLEINT REVISION

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
FIRE PROTECTION PLAN

F100

SECTION 15732 - PACKAGED ROOFTOP AIR-CONDITIONING UNITS

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: Product Data and Shop Drawings.
B. Comply with ASHRAE 15.
C. EER: Equal to or greater than prescribed by the energy code adopted by the Authority Having Jurisdiction.
D. Warranties: Submit a written warranty, signed by the manufacturer, agreeing to the repair or replacement of components that fail within 5 years of Substantial Completion.

PART 2 - PRODUCTS

2.1 PACKAGED UNITS, 5 TO 20 TONS

A. Factory assembled and tested, consisting of compressors, condensers, evaporator coils, condenser and evaporator fans, refrigeration and temperature controls, filters, and dampers.
1. Refer to Rooftop Heating/Cooling Unit Schedule on drawing M600 for capacities, and manufacturers.
2. Evaporator Fans: Belt or direct driven, forward curved centrifugal.
3. Exhaust/Relief Fans: Direct drive, forward curved centrifugal or propeller.
4. Condenser Fans: Direct drive propeller.
5. Refrigerant Coils: Aluminum fins and copper coil.
6. Compressors: Serviceable hermetic or fully hermetic, with safety controls, hot gas bypass, and timed off controls.
7. Heat Exchangers: Gas fired, with gas controls, electronic ignition, high limit cutout, and forced draft proving switch.
8. Economizer controls (Low-leak, Comparative Enthalpy, 100% capacity).
9. Smoke Detectors: Photoelectric in supply and/or return as called for in schedule on sheet M600.
10. Operating Controls: Two stage heating and two stage cooling on units 7-1/2 tons and over.
11. Roof curb.
12. Control Wiring from T-stat to rooftop unit: Shall be 18ga / 7 conductor, rated for plenum applications.
13. Control Wiring from T-stat to remote sensor: Shall be a separate 18ga / 2 conductor shielded, rated for plenum applications.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install units level and plumb and firmly anchored.
B. Connect gas piping to burner with pipe same size as gas train inlet, and provide union with sufficient clearance for burner removal and service.
C. Install ducts to termination in roof mounting frames. Terminate ducts through roof structure.
D. Connect units to wiring systems and to ground.

END OF SECTION 15732

SECTION 15810 - DUCTS AND ACCESSORIES

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: Product Data for fire and smoke dampers.
B. Comply with NFPA 90A for systems serving spaces more than 25,000 cu. ft. in volume or building Types II, IV, and V construction more than 3 stories in height.
C. Comply with NFPA 90B for systems serving spaces in 1 or 2 family dwellings or serving spaces less than 25,000 cu. ft..
D. Comply with NFPA 96, "Ventilation Control and Fire Protection of Commercial Cooking Operations," for kitchen hood ducts.
E. Comply with UL 181 and UL 181A for ducts and closures.
F. Testing, Adjusting, and Balancing Agency Qualifications: AABC certified (to be furnished by Tenant).

PART 2 - PRODUCTS

2.1 DUCTS

A. Spiral Duct: Spiral Lock Seam, without insulation, G90 galvanized finish, ASTM A-653/924
1. Basis of Design Manufacturers: Lindab SPIROsafe, alternates to the basis of design must be submitted for review.
2. Fittings: Factory produced standing seam construction with internal sealing. Fittings with a major axis of 36" or smaller shall be 20 gauge. Fittings with a major axis of 37"-48" shall be 18 gauge.
3. Duct wrap: glass fiber insulation, R-value: 6.0
B. Galvanized Steel Sheet: Forming steel, ASTM A 653/653M, G90 coating designation.
C. Duct Liner: ASTM C 1071, Type II, with an airstream surface coated with a temperature resistant coating. Thickness: 1-1/2 inch. R-value : 8.
1. Adhesive: ASTM C 916, Type I.
2. Mechanical Fasteners: Galvanized steel pin, length as required to penetrate liner plus a 1/8 inch projection maximum into the airstream.
D. Joint and Seam Tape: Comply with UL 181A.
E. Joint and Seam Sealant: Comply with UL 181A.
F. Rectangular Metal Duct Fabrication: Comply with SMACNA's "HVAC Duct Construction Standard" for metal thickness, reinforcing types and intervals, tie rod applications, and joint types and intervals.

2.2 ACCESSORIES

A. Volume-Control Dampers: Factory fabricated volume control dampers, complete with required hardware and accessories. Single blade and multiple opposed blade, standard leakage rating, and suitable for horizontal or vertical applications.
B. Fire Dampers: Factory-fabricated fire dampers, complete with required hardware and accessories. UL labeled according to UL 555, "Fire Dampers".
C. Flexible Connectors: Flame retardant or noncombustible fabrics, coatings, and adhesives complying with UL 181, Class 1.
D. Flexible Ducts: Factory fabricated, insulated, round duct, with an outer jacket enclosing 2 inch thick, glass fiber insulation, R-value: 6.0, around a continuous inner liner.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Duct System Pressure Class: Construct and install each duct system with 2 inch positive and negative duct pressure classifications.
B. Seal all connection between ducts and fittings per SMACNA standards and per Section 603.9 of the IMC.
C. Conceal ducts from view in finished and occupied spaces. Except where noted as exposed.
D. Avoid passing through electrical equipment spaces and enclosures.
E. Support and connect metal ducts according to SMACNA's "HVAC Duct Construction Standard".
F. Install duct accessories according to applicable portions of details of construction as shown in SMACNA standards.
G. Install liner and/or insulation on ductwork per the material schedule on sheet M010.
H. Install volume control dampers in lined duct with methods to avoid damage to liner and to avoid erosion of duct liner.
I. Install fire and smoke dampers according to manufacturer's UL approved written instructions.
J. Install fusible links in fire dampers.
K. Provide saddle taps at tees for exposed ductwork.

3.2 TESTING, ADJUSTING, AND BALANCING

A. The Tenant will supply an independent balance agent to to balance and adjust the HVAC installation. The balance agent will be responsible for any pulley or belt changes required.
B. The GC is to have trained staffed available during the balancing to correct issues noted by the balance agent.
C. The balance agent is to balance airflow within distribution systems, including submains, branches, and terminals to indicated quantities +/- 10%. The hood exhaust system shall be balanced to a tolerance of -0+10% and the make-up air system to a tolerance of -10+0%.
D. The balance agent is to supply a copy of the balance report to the Tenant, engineer and general contractor for review.

END OF SECTION 15810

SECTION 15855 - DIFFUSERS, REGISTERS, AND GRILLES

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: None.

PART 2 - PRODUCTS

2.1 OUTLETS AND INLETS

A. All air terminal devices:
1. Refer to Grills, Registers, and Diffusers Schedule for equipment schedule
2. Manufacturer: As scheduled (NO SUBSTITUTIONS)
3. Material: As scheduled.
4. Finish: As scheduled.
5. Mounting: As scheduled.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Coordinate location and installation with duct installation and installation of other ceiling and wall mounted items.
B. Locate ceiling diffusers, registers, and grilles, as indicated on the architectural "reflected ceiling plans." Unless otherwise indicated, locate units in center of acoustical ceiling panels.

END OF SECTION 15855

HVAC MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
DUCT	EXPOSED SUPPLY	RECT. LINED OR ROUND AS SHOWN, NO EXPOSED DUCT-SEALING MASTIC
	EXPOSED RETURN	RECTANGULAR, NO EXPOSED DUCT-SEALING MASTIC
	EXPOSED GEN. EXHAUST	RECTANGULAR OR ROUND AS SHOWN, NO EXPOSED DUCT-SEALING MASTIC
	CONCEALED, SUPPLY	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, RETURN	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, GEN. EXHAUST	RECT. OR ROUND AS SHOWN
	CONCEALED, TYPE I HOOD EXHAUST	RECTANGULAR 16 GA. BLACK IRON W/ WRAP OR UL 1978 FACTORY-MANUFACTURED DUCT W/ WRAP (SUBMIT SHOP DRAWINGS FOR FACTORY-MANUFACTURED DUCT PRIOR TO ORDERING FOR APPROVAL)

HVAC ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
CD	CEILING DIFFUSER
CU	CONDENSING UNIT
(E)	EXISTING
EF	EXHAUST FAN
ER	EXHAUST REGISTER
EXT'G	EXISTING
HD	HOOD
MUA	MAKEUP AIR UNIT
OBD	BLADE DAMPER
RG	RETURN GRILLE
RTU	ROOFTOP UNIT
SR	SUPPLY REGISTER
VSC	VARIABLE SPEED CONTROL
CO2AS	TENANT'S CO2 ALARM SUPPLIER
GC	GENERAL CONTRACTOR
HES	TENANT'S HVAC EQUIPMENT SUPPLIER
HS	TENANT'S HOOD SUPPLIER
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
TAB	TENANT'S TEST AND BALANCE VENDOR
TCC	TENANT'S CABLING CONTRACTOR
TDC	TENANT'S DUCT CLEANER
TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
TLS	TENANT'S LIGHT/LAMP SUPPLIER
TMB	TENANT'S MENU BOARD SUPPLIER
TMS	TENANT'S MILLWORK SUPPLIER
TP	TENANT'S PHONE SUPPLIER
TRS	TENANT'S RAILING SUPPLIER
TSV	TENANT'S SIGN VENDOR
TUV	TENANT'S UV SANITIZER SUPPLIER
WCS	TENANT'S WALK-IN COOLER SUPPLIER
WHS	TENANT'S WATER HEATER SUPPLIER

HVAC GENERAL NOTES

A GENERAL NOTES APPLY TO HVAC SHEETS.
B WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION, INCLUDING APPLICABLE SECTIONS OF NFPA, THE MECHANICAL CODE, AND ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL. PURCHASE PERMITS ASSOCIATED WITH THE WORK. OBTAIN INSPECTIONS REQUIRED BY CODE. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.
C CONTRACTOR AND SUBCONTRACTORS SHALL REVIEW A COMPLETE SET OF THE CONSTRUCTION DOCUMENTS.
D COORDINATE WORK WITH THE WORK OF OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND OF THE EXISTING CONDITIONS AT THE PROJECT SITE.
E DRAWINGS FOR THE MECHANICAL WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWING SHALL NOT BE SCALED FOR EXACT MEASUREMENTS, REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, OFFSETS, ACCESSORIES, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
F DUCT DIMENSIONS ON PLANS INDICATE DIMENSIONS OF INTERNAL FREE AREA.
G PERFORATED CEILING DIFFUSERS SHALL BE 4-WAY UNLESS NOTED OTHERWISE.
H COORDINATE ROOF WORK WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
I UNLESS NOTED OTHERWISE RECTANGULAR DUCT ELBOWS GREATER THAN 45° SHALL BE MITERED ELBOWS WITH DOUBLE-THICKNESS TURNING VANES AND RECTANGULAR DUCT ELBOWS 45° OR LESS SHALL BE RADIUSED ELBOWS WITH AN INSIDE RADIUS OF AT LEAST 1/2 THE WIDTH OF THE DUCT.
J REPLACE AIR FILTERS WITH NEW, CLEAN MERV 13 AIR FILTERS AT TURNOVER.
K THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
L PROVIDE LABELING CALLED FOR IN THE HVAC DRAWINGS USING ENGRAVED PHENOLIC PLATES.
M PROVIDE P3000 12 GA. UNISTRUT WITH PG FINISH FOR DUCT SUPPORTS AND OTHER UNISTRUT IN AREAS EXPOSED TO VIEW. SLOTTED UNISTRUT AND OTHER UNISTRUT WITH HOLES IS NOT ACCEPTABLE.

HVAC SYMBOLS

CEILING DIFFUSER

CEILING-MOUNTED RETURN OR EXHAUST REGISTER

SUPPLY REGISTER

RETURN GRILLE

FLEXIBLE DUCT

MITERED CORNER WITH TURNING VANES

DUCTWORK INTERNAL FREE DIMENSIONS (WIDTH/HEIGHT) RECTANGULAR TO ROUND DUCT TRANSITION

DUCT-MOUNTED SMOKE DETECTOR

MOTOR-OPERATED DAMPER

MANUAL VOLUME DAMPER

GREASE DUCT CLEANOUT

MITERED CORNER WITHOUT TURNING VANES

GRIDPOINT THERMOSTAT

GRIDPOINT ZONE SENSOR MODULE

GRIDPOINT SUPPLY PROBE

PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING

CONNECT TO EXISTING

EQUIPMENT TAG: SEE EQUIPMENT SCHEDULE ON SHEET M600 FOR EQUIPMENT INFORMATION

AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET

GRILL, REGISTER, OR DIFFUSER TAG:
TAG
NECK SIZE
AIRFLOW [CFM]

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:20 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
HVAC SPECIFICATIONS

M010

Air System Sizing Summary for RTU-2

Project Name: CMG - Gig Harbor, WA
Prepared by: National Engineering
06/21/2021
01:25PM

Air System Information

Air System Name	RTU-2	Number of zones	1
Equipment Class	PKG ROOF	Floor Area	1299.0 ft²
Air System Type	SZCAV	Location	Tacoma, Washington

Sizing Calculation Information

Calculation Months	Jan to Dec	Zone CFM Sizing	Sum of space airflow rates
Sizing Data	Calculated	Space CFM Sizing	Individual peak space loads

Central Cooling Coil Sizing Data

Total coil load	7.4	Tons	Load occurs at	Jun 1700	
Total coil load	89.0	MBH	OA DB / WB	82.8 / 64.3	°F
Sensible coil load	76.5	MBH	Entering DB / WB	78.2 / 66.3	°F
Coil CFM at Jun 1700	4000	CFM	Leaving DB / WB	60.3 / 59.2	°F
Max block CFM	4000	CFM	Coil ADP	58.3	°F
Sum of peak zone CFM	4000	CFM	Bypass Factor	0.100	
Sensible heat ratio	0.859		Resulting RH	61	%
CFM/Ton	539.3		Design supply temp.	59.2	°F
ft²/Ton	175.1		Zone T-stat Check	0 of 1	OK
BTU/(hr·ft²)	68.5		Max zone temperature deviation	0.1	°F
Water flow @ 10.0 °F rise	N/A				

Central Heating Coil Sizing Data

Max coil load	92.2	MBH	Load occurs at	Des Htg	
Coil CFM at Des Htg	4000	CFM	BTU/(hr·ft²)	71.0	
Max coil CFM	4000	CFM	Ent. DB / Lvg DB	57.6 / 79.2	°F
Water flow @ 20.0 °F drop	N/A				

Supply Fan Sizing Data

Actual max CFM	4000	CFM	Fan motor BHP	0.88	BHP
Standard CFM	3954	CFM	Fan motor kW	0.70	kW
Actual max CFM/ft²	3.08	CFM/ft²	Fan static	0.80	in wg

Outdoor Ventilation Air Data

Design airflow CFM	1050	CFM	CFM/person	9.72	CFM/person
CFM/ft²	0.81	CFM/ft²			

Air System Sizing Summary for RTU-1

Project Name: CMG - Gig Harbor, WA
Prepared by: National Engineering
06/14/2021
09:19AM

Air System Information

Air System Name	RTU-1	Number of zones	1
Equipment Class	PKG ROOF	Floor Area	1159.0 ft²
Air System Type	SZCAV	Location	Tacoma, Washington

Sizing Calculation Information

Calculation Months	Jan to Dec	Zone CFM Sizing	Sum of space airflow rates
Sizing Data	Calculated	Space CFM Sizing	Individual peak space loads

Central Cooling Coil Sizing Data

Total coil load	5.9	Tons	Load occurs at	Aug 1400	
Total coil load	70.2	MBH	OA DB / WB	85.3 / 64.8	°F
Sensible coil load	60.2	MBH	Entering DB / WB	78.0 / 65.7	°F
Coil CFM at Aug 1400	3000	CFM	Leaving DB / WB	59.2 / 58.1	°F
Max block CFM	3000	CFM	Coil ADP	57.2	°F
Sum of peak zone CFM	3000	CFM	Bypass Factor	0.100	
Sensible heat ratio	0.857		Resulting RH	57	%
CFM/Ton	512.8		Design supply temp.	58.1	°F
ft²/Ton	198.1		Zone T-stat Check	0 of 1	OK
BTU/(hr·ft²)	60.6		Max zone temperature deviation	0.3	°F
Water flow @ 10.0 °F rise	N/A				

Central Heating Coil Sizing Data

Max coil load	39.9	MBH	Load occurs at	Des Htg	
Coil CFM at Des Htg	3000	CFM	BTU/(hr·ft²)	34.4	
Max coil CFM	3000	CFM	Ent. DB / Lvg DB	63.6 / 76.1	°F
Water flow @ 20.0 °F drop	N/A				

Supply Fan Sizing Data

Actual max CFM	3000	CFM	Fan motor BHP	0.66	BHP
Standard CFM	2965	CFM	Fan motor kW	0.52	kW
Actual max CFM/ft²	2.59	CFM/ft²	Fan static	0.80	in wg

Outdoor Ventilation Air Data

Design airflow CFM	450	CFM	CFM/person	50.00	CFM/person
CFM/ft²	0.39	CFM/ft²			

Air System Design Load Summary for RTU-2

Project Name: CMG - Gig Harbor, WA
Prepared by: National Engineering
06/21/2021
01:25PM

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 82.8 °F / 64.3 °F			HEATING OA DB / WB 18.0 °F / 14.8 °F		
ZONE LOADS	Details	Sensible (BTU/hr)	Latent (BTU/hr)	Details	Sensible (BTU/hr)	Latent (BTU/hr)
Window & Skylight Solar Loads	931 ft²	32438	-	931 ft²	-	-
Wall Transmission	1025 ft²	643	-	1025 ft²	1798	-
Roof Transmission	1299 ft²	1553	-	1299 ft²	1945	-
Window Transmission	931 ft²	2626	-	931 ft²	28735	-
Skylight Transmission	0 ft²	0	-	0 ft²	0	-
Door Loads	0 ft²	0	-	0 ft²	0	-
Floor Transmission	1296 ft²	0	-	1296 ft²	1648	-
Partitions	0 ft²	0	-	0 ft²	0	-
Ceiling	0 ft²	0	-	0 ft²	0	-
Overhead Lighting	1299 W	4124	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	108	22402	29160	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	3565	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	67351	29160	-	34125	0
Zone Conditioning	-	67223	29160	-	34421	0
Plenum Wall Load	0%	0	-	0	0	-
Plenum Roof Load	0%	0	-	0	0	-
Plenum Lighting Load	0%	0	-	0	0	-
Return Fan Load	4000 CFM	0	-	4000 CFM	0	-
Ventilation Load	1050 CFM	6895	-16651	1050 CFM	60163	0
Supply Fan Load	4000 CFM	2372	-	4000 CFM	-2372	-
Space Fan Coil Fans	-	0	-	-	0	-
Duct Heat Gain / Loss	0%	0	0	0%	0	-
>> Total System Loads	-	76490	12509	-	92211	0
Central Cooling Coil	-	76490	12522	-	0	0
Central Heating Coil	-	0	-	-	92211	-
>> Total Conditioning	-	76490	12522	-	92211	0
Key:	Positive values are clg loads Negative values are htg loads			Positive values are htg loads Negative values are clg loads		

Air System Design Load Summary for RTU-1

Project Name: CMG - Gig Harbor, WA
Prepared by: National Engineering
06/14/2021
09:19AM

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Aug 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 85.3 °F / 64.8 °F			HEATING OA DB / WB 18.0 °F / 14.8 °F		
ZONE LOADS	Details	Sensible (BTU/hr)	Latent (BTU/hr)	Details	Sensible (BTU/hr)	Latent (BTU/hr)
Window & Skylight Solar Loads	368 ft²	11254	-	368 ft²	-	-
Wall Transmission	552 ft²	298	-	552 ft²	969	-
Roof Transmission	1159 ft²	1489	-	1159 ft²	1735	-
Window Transmission	368 ft²	1317	-	368 ft²	11395	-
Skylight Transmission	0 ft²	0	-	0 ft²	0	-
Door Loads	0 ft²	0	-	0 ft²	0	-
Floor Transmission	1108 ft²	0	-	1108 ft²	1897	-
Partitions	0 ft²	0	-	0 ft²	0	-
Ceiling	0 ft²	0	-	0 ft²	0	-
Overhead Lighting	1159 W	3618	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	9	2090	4095	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	33364	11750	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	53430	15845	-	15996	0
Zone Conditioning	-	54275	15845	-	15887	0
Plenum Wall Load	0%	0	-	0	0	-
Plenum Roof Load	0%	0	-	0	0	-
Plenum Lighting Load	0%	0	-	0	0	-
Return Fan Load	3000 CFM	0	-	3000 CFM	0	-
Ventilation Load	450 CFM	4118	-5814	450 CFM	25793	0
Supply Fan Load	3000 CFM	1779	-	3000 CFM	-1779	-
Space Fan Coil Fans	-	0	-	-	0	-
Duct Heat Gain / Loss	0%	0	0	0%	0	-
>> Total System Loads	-	60172	10031	-	39901	0
Central Cooling Coil	-	60172	10036	-	0	0
Central Heating Coil	-	0	-	-	39901	-
>> Total Conditioning	-	60172	10036	-	39901	0
Key:	Positive values are clg loads Negative values are htg loads			Positive values are htg loads Negative values are clg loads		

3

MECHANICAL COMPLIANCE SUMMARY

2018 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1 — Administered by: ©2021 NEEA, All rights reserved

Project & Applicant Information	Project Title	Chipotle - Gig Harbor - 2018 WSEC	For Building Department Use: Date: Oct 05, 2021
	Project Address	4823 Point Fosdick Drive Gig Harbor, WA 98335	
	Applicant Name	Jason Decker	
	Applicant Phone	720-708-7079	
	Applicant Email	jdecker@nationalengineering.com	

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.technsupport@waenergycodes.com

General Occupancy	All Commercial		General Building Use Type	Dining, Restaurant/Bar		Building Cond. Floor Area	3,800
General Project Types	Alteration	New Building or Addition		Alteration or Mechanical Scope	Single Zone Systems & Equipment	Project Cond. Floor Area	3,800
		Mechanical Scope				Floors Above Grade	1
Mechanical Project Description	Tenant build-out for quick serve restaurant					Compliance Method	Compliance Method 1 - General

Mechanical Compliance Scope and Method	Project Type	Mechanical Scope	Economizer Exception(s) Applied?	DOAS Ventilation Provided?	Higher Equipment Efficiency Option Applied?	Equipment Efficiency Compliance Verification
	Alteration	Single Zone Systems & Equipment	Yes	No	NA	COMPLIES
Additional Efficiency Credits Included (AEC)						
Does building include occupancy classifications requiring DOAS?	No		Does project include DOAS equipment?			No
Based on project scope do TSPR requirements apply?	No		Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?			No

Scope & Space Conditioning	ALTERATION - SINGLE ZONE SYSTEMS & EQUIPMENT	Compliance Verification	COMPLIES

Single Zone Air Systems Category - Air conditioner, unitary, thru-wall, SDHV

Air Systems Summary Information

System/Equip ID	Quantity of Items	Supply Airflow Control	Ventilation Standard	Ventilation CFM (Total if Multiple Items)	Ventilation Air Source	Paired with DOAS	Ventilation energy recovery	Energy Recovery Efficiency (%)
RTU-2		Constant volume	IMC Ventilation	1,400	Integral		Not provided, not required	
RTU-1		Constant volume	IMC Ventilation	500	Integral		Not provided, not required	

Air Systems & Equipment - Cooling

System/ Equip ID	Cooling System/Equip Type	Specific Type	Cooling Capacity per item (Btu/h)	AEC Efficiency Multiplier	Econo Exception Multiplier (FI, & PL)	Combined Efficiency Multiplier (AEC & Econo)	Proposed Cooling Efficiency	CE Units	Proposed Part Load Efficiency	PL Units	Efficiency Compliance Verification
RTU-2	Air conditioner, air cooled	Single package DX	105	1	0	1	14.7	SEER		IEER	COMPLIES
RTU-1	Air conditioner, air cooled	Single package DX	107	1	0	1	14.7	SEER		IEER	COMPLIES

Air Systems & Equipment - Heating

System /Equip ID	Heating System/Equip Type	Specific Type	Heating Capacity	HC Units	Proposed Heating Efficiency	HE Units	Efficiency Compliance Verification
RTU-1	Furnace	Warm air, gas fired (AFUE)	120	Btu/h	82.0	AFUE	COMPLIES
RTU-2	Furnace	Warm air, gas fired (AFUE)	200	Btu/h	82.0	AFUE	COMPLIES

Air Systems & Equipment Details

System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #	
RTU-2	DINING ROOM	M100, M600	

	Heating Section/Auxiliary Heating Type: Furnace		Economizer Compliance Method: Air-side economizer provided
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(1)A - Unitary Air Conditioners & Condensing Units		
	WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(4) Warm Air Furnaces		
RTU-1	KITCHEN	M100, M600	
	Heating Section/Auxiliary Heating Type: Furnace		Economizer Compliance Method: Air-side economizer provided
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(1)A - Unitary Air Conditioners & Condensing Units		
	WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(4) Warm Air Furnaces		

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:20 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

3	21 SEP 21	CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
MECH ENERGY COMPLIANCE

M020

Mechanical Requirements List, pg 13 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

YES	C403.10.1.1 C403.10.2	Duct construction	Indicate on plans that all ductwork is constructed and sealed per IMC	M010	
YES			For outdoor air ductwork, also indicate on plans that ductwork meets air leakage requirements per C402.5 and vapor retarder requirements per the IBC	M010	
YES	C403.10.2.1 C403.10.2.2 C403.10.2.3	Duct pressure classifications	Identify location of low, medium and high pressure ductwork on plans	M010	
NA	C403.10.2.3	High pressure duct leakage testing	Indicate high pressure duct leakage testing requirements on plans; provide test results to jurisdiction when completed		
YES	C403.10.1.1 C403.10.1.2	Duct insulation	For outdoor air ductwork located within conditioned space (upstream or downstream of shutoff damper), identify climate zone and indicate ductwork insulation R-value per Table C403.10.1.1 on plans; or exception applied	M010	
NA			For supply and return air ductwork located within unconditioned space or outdoors, identify climate zone and indicate ductwork insulation R-value per Table C403.10.1.2 on plans; or exception applied		
YES			For supply air ductwork located within conditioned space, identify on plans if design supply air temperature is < 55°F or > 105°F; indicate ductwork insulation R value per Table C403.10.1.2 on plans; or exception applied	M010	
YES			For return and exhaust air ductwork located within conditioned space (upstream of the shutoff damper) and downstream of an energy recovery media, indicate ductwork insulation R-value per Table C403.10.1.2; or exception applied	M010	
YES			For exhaust and relief air ductwork located within conditioned space and downstream of the shutoff damper, indicate ductwork insulation R-value per Table C403.10.1.2; or exception applied	M010	
NA	C403.10.1.1 C402.1.3	Shaft and plenum insulation	For outdoor air shafts and plenums, indicate on plans that the R-value of insulation on these elements complies with Table C402.1.3 for steel-framed walls		
PIPING					
NA	C403.10.3	Piping insulation	Indicate design temperature range of fluid conveyed in piping and thickness of insulation (in inches) on hydronic piping plans; or exception applied		
NA	C403.10.3.1	Protection of piping insulation	Indicate method of protection of pipe insulation from damage / degradation on hydronic piping plans		

Mechanical Requirements List, pg 14 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

ECONOMIZERS					
YES	C403.5	Air economizer required	Identify all cooling systems requiring air economizer controls in equipment schedules on plans and in WSEC mechanical equipment compliance reports	M600	
YES			Indicate at systems utilizing air economizer exceptions in WSEC mechanical equipment compliance report, including those with a water-side economizer in lieu of air economizer; indicate on plans and in WSEC mechanical equipment compliance reports all eligible exceptions(s) taken and measures to comply with exception(s)	M020, 600	
YES	C403.4.1 C403.5.1	Integrated economizer operation - air and water	Indicate air and water-side economizers are configured for partial cooling operation even where additional mechanical cooling is required to meet the load	M010	
YES			For DX air handlers with single or multiple stages of mechanical cooling; indicate controls are configured with an economizer as the first stage of cooling	M010	
YES			Refer to Requirements List section HVAC Controls for additional requirements for DX air handlers	M010	
YES	C403.5.2	Economizer heating system impact - air and water	Verify control method of HVAC systems with economizers does not increase building heating energy usage during normal operation	M010	
YES	C403.5.3.1	Air economizer capacity	Indicate modulating outdoor air and return air dampers are configured to provide up to 100% outdoor air for cooling	M010	
YES	C403.5.1 C403.5.3.2	Air economizer controls and integrated operation	Indicate that economizer controls are configured to provide partial economizer cooling when additional mechanical cooling is also required to meet the cooling load	M010	
YES			Indicate that control of economizer dampers is not based only on mixed air temperature; or exception applied for systems with cooling capacity ≤ 65,000 Btu/h	M010	
YES	C403.5.3.3	Air economizer high limit controls	Indicate high limit shut-off control method and required high limit per Table C403.5.3.3	M010	
YES	C403.5.3.4	Relief of excess outdoor air	Refer to Requirements List section Ventilation, Exhaust & Energy Recovery	M010	
YES			Indicate relief air outlets are sized and configured to relieve excess building air during air economizer operation to prevent building over-pressurization	M010	
YES			Indicate relief air outlet are located to avoid recirculation into the building	M010	

Mechanical Requirements List, pg 15 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.5.4.1	Water economizer capacity	For eligible systems where water-side economizer may be provided in lieu of air economizer, indicate system is capable of 100% design cooling capacity at 50°F db / 45°F wb outdoor air temperatures; indicate if threshold for 100% design cooling capacity via economizer must be lowered to 45°F db / 40°F wb due to dehumidification requirements		
NA	C403.5.4.2	Water economizer maximum pressure drop	Indicate that the pressure drop across precooling coils and heat exchangers in water economizer systems do not exceed 15 feet (4572 mm)		
YES	C403.5.5	DX equipment economizer fault detection and diagnostics	For DX air handlers with economizer and cooling capacity ≥ 54,000 Btu/h, provide a fault detection and diagnostics (FDD) system to monitor economizer system operation and report faults.	M010	
HYDRONIC SYSTEMS - EQUIPMENT SELECTION & PERFORMANCE					
NA	C403.5.3.1	Maximum air cooled chiller capacity	For chilled water plants and buildings with > 500 tons of cooling capacity, indicate air-cooled chiller capacity is ≤ 100 tons, or exception applied		
NA	C403.6.7	Large capacity cooling systems	For buildings ≥ 300 tons of cooling capacity, indicate method of multi-stage or variable capacity control (VSD, multiple staged compressors, or max capacity of any single unit		
NA	C403.3.2.2	Non-standard water-cooled centrifugal chillers	For water cooled centrifugal chillers not designed for operation at standard conditions, provide calculations documenting maximum full load and part load rated equipment performance requirements		
NA	C403.5.3	Hot gas bypass limitation for chillers	For cooling equipment with hot gas bypass, provide either multiple step unloading or continuous capacity modulation; indicate bypass capacity per Table C403.3.3		
NA	C403.4.3 C403.3.4	Large capacity boiler systems	For hydronic systems with only a single boiler that has ≥ 500,000 Btu/h input capacity, indicate multi-stage or modulating burner		
NA			For boiler system (single or multiple) with > 1,000,000 Btu/h input capacity, indicate turndown ratio per Table C403.3.4 and method (multiple single input boilers, modulating boilers, or combination)		
NA	C403.2.3	Variable flow capacity - pumps	For pump motors ≥ 7.5 hp, indicate method of variable flow control (VSD or equivalent method) in equipment schedule, or exception applied		
HYDRONIC SYSTEMS - CONTROLS					
NA	C403.4.3	Boiler sequencing	Indicate automatic controls that sequence operation of multiple boilers		

Mechanical Requirements List, pg 10 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

HVAC CONTROLS					
YES	C403.4.1	Thermostatic controls (thermostats and humidistats)	Indicate locations of thermostatic and humidity control devices and the zones they serve on plans, including perimeter system zones	M100	
NA			Where adjacent (neighboring) zones are controlled by separate thermostats (including systems where one zone is heated for heat gain or loss), and are connected by permanent openings > 10% of either zone of area, indicate controls configured to prevent adjacent zones from operating in conflicting modes (one in heat, other in cool) applies to adjacent interior zones, adjacent nonperimeter zones, and adjacent perimeter and nonperimeter zones		
NA			If applying Exception 2 to nonperimeter zones adjacent to perimeter zones, indicate that setpoints and deadband settings in these zones are coordinated so cooling in a nonperimeter zone does not occur until the temperature in that zone is 5°F higher than the adjacent perimeter zone temperature in heating		
NA			If applying Exception 3 for DOAS, indicate supply air temperature heating setpoint is ≤ 61°F and cooling setpoint is ≥ 72°F; or earthen-berm supply air temperature reset		
NA	C403.4.1.1	Heat pump supplementary heat	Indicate staged heating operation with compression as the first stage of heating and supplemental heating controlled with outdoor lock-out temperature set to 40°F or less		
NA	C403.4.1.2	Deadband	Indicate zone thermostatic controls configured with 5°F minimum deadband for systems that control both heating and cooling		
NA	C403.4.1.3	Setpoint overlap restriction (thermostats)	If separate heating and cooling thermostatic control devices are used to serve a zone, indicate locations of both thermostatic control devices and the zone they serve on plans		
NA			Indicate a limit switch, mechanical stop or DDC control with programming to prevent simultaneous heating and cooling		
NA	C403.4.1.4	Heated or cooled vestibules	Indicate thermostatic controls within heating or cooled vestibules with a heating setpoint ≤ 60°F and cooling setpoint ≥ 85°F; indicate controls are configured to turn off heating when outdoor temperature is > 45°F; or note exception applied		
NA	C403.4.1.4	Heated air curtains	Indicate controls are configured to turn off air curtain heating when outdoor temperature is > 45°F		

Mechanical Requirements List, pg 11 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.4.1.6	Door switches for HVAC system thermostatic control	Where doors open to the outdoors from a conditioned space, indicate automatic controls configured to setback the HVAC system(s) when the door is open for > 5 minutes; indicate method of HVAC system setback control (turns off the HVAC system or resets the heating setpoint to 55°F and cooling setpoint to 85°F); or exception applied		
YES	C403.4.2 C403.4.2.1 C403.4.2.2	Automatic setback and shutdown	Indicate automatic controls configured with required automatic setback and manual override functions, setback temperatures, and control method (automatic time clock or 7 day programmable controls); note exceptions applied	M010	
YES	C403.4.2.3	Automatic (optimum) start and stop	Indicate all HVAC systems are provided with automatic start and stop controls; indicate start controls are configured to adjust the equipment start time as required to bring each area served up to design temperature just prior to scheduled occupancy; indicate stop controls are configured to reduce heating setpoint and increase cooling setpoint by at least 2°F prior to scheduled unoccupied periods	M010	
NA	C403.4.2.4	Exhaust system off-hour controls	For exhaust systems serving conditioned spaces in all occupancies other than Group R, indicate method of control and that controls are configured to turn exhaust systems on and off in concert with the ventilation air systems providing their make-up air, or exception applied	M600	
NA	C403.4.2.5	Transfer and destratification fan system off-hour controls.	For transfer fan or mixing fan systems serving conditioned spaces in all occupancies other than Group R, indicate method of control and that controls are configured to turn fans on and off in concert with the associated HVAC systems, or exception applied		
NA	C403.4.7	Combustion heating equipment	For combustion heating equipment other than boilers or radiant heaters with output capacity > 225,000 Btu/h, indicate modulating or staged combustion control		
NA	C403.4.7.1	Combustion decorative vented appliances, combustion fireplace and fire pit controls	Indicate controls that are configured to limit operation of combustion appliance, fireplace and fire pit to ≤ 1 hour without override, or that occupancy sensor controls are provided		

Mechanical Requirements List, pg 12 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.7.4.1	Temperature setpoint controls for Group R-1 guestrooms	For hotels / motels with over 50 guest rooms, indicate automatic controls for HVAC equipment serving guest rooms are configured to setback (heating) and set up (cooling) temperature setpoint by at least 4°F when room is unoccupied, and adjust setpoint to 60°F (heating) and 80°F (cooling) when room is unoccupied / vacated; indicate control method / activated by room entry, occupancy sensor or network guestroom control system		
NA	C403.7.4.2	Ventilation controls for Group R-1 guestrooms	Refer to Requirements List section Ventilation, Exhaust & Energy Recovery		
NA	C403.4.9 C403.4.10	Thermostatic controls for Group R2 / R3 dwelling units and Group R2 sleeping units	For primary space conditioning systems, indicate 5-2 programmable thermostats capable of two setback periods per day; indicate each non-primary system is provided with at minimum an adjustable thermostat, or exception applied. For all thermostats indicate purpose (heating only, cooling only, or both) and required temperature range; indicate thermostats are configured for at minimum a 5°F deadband		
NA	C403.4.11.1 C403.4.11.2 C403.4.11.3	DDC system applications, controls and display	Provide central and zone level DDC controls as required based on system application, capacity or size thresholds and other qualifications per Table C403.4.11.1		
NA			Identify all DDC system input / output control points in project documents.		
NA			Indicate control capabilities includes monitoring zone and system level demand for fan pressure, pump pressure, heating and cooling; indicate capability to transfer demand information from zones to air handler / distribution system controllers; and to central plant systems and equipment controllers		
NA			Indicate system has the capability for trending and graphically displaying input / output points		
YES	C403.5.1	DX air handler variable cooling controls(Located under Integrated Economizer Control)	For DX air handlers with cooling capacity ≥ 65,000 Btu/h, indicate number of cooling stages provided and method (multiple compressors and / or variable speed compressors); indicate minimum displacement (capacity reduction) at ½ of full load; indicate thermostats are configured with the same number of cooling stages and displacement	M600	
YES			Indicate control method (cooling capacity controlled in response to space temperature, space temperature controlled by modulating supply airflow, or both)	M010, M600	
DUCTWORK, SHAFTS AND PLENUMS					

Mechanical Requirements List, pg 7 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

YES			If mechanically delivered, indicate that ventilation systems are configured to provide not more than 150% of , but at least the minimum required volume of outdoor air to each zone per IMC, ASHRAE 62.1 or other applicable code (VAC, OSHA, etc); or exception applied	M600	
NA			If delivered via natural ventilation, identify required elements per IMC including: minimum openable area to the outdoors or qualifying adjoining spaces; criteria for ensuring required ventilation is provided during all occupancy hours of the year (including during inclement outdoor conditions)		
YES	C403.2.2.2	Exhaust	Indicate that exhaust systems are configured to provide not more than 150% of, but at least the minimum required volume from each zone per IMC, or other applicable code (WAC, OSHA, etc); or exception applied	M600	
YES	C403.4.2.4	Exhaust system off-hour controls	Refer to Requirements List section HVAC Controls for off hour control requirements for exhaust systems	M020	
NA	C403.5.6	Balanced ventilation for Group R-2 occupancy	For Group R-2 dwelling and sleeping units indicate each habitable space is provided with a balanced ventilation system; indicate system is provided with energy recovery with 60% sensible recovery effectiveness		
YES	C403.7.1	Demand controlled ventilation	Identify spaces > 500 sf with occupant load ≥ 25 people/1,000 sf per IMC; for each space indicate whether it is served by an HVAC system with total design ventilation air > 3,000 cfm, and / or the system has airside economizer or automatic modulating outdoor air damper; indicate controls are configured to provide demand controlled ventilation or provide supporting documentation for applied exception	HOOD DRAWINGS	
NA	C403.7.2	Occupancy sensors	For gyms, classrooms, auditoriums, conference rooms and other spaces with occupant load ≥ 25 people/1,000 sf per IMC, that have an area > 500 sf, indicate occupancy-based ventilation air control when space is unoccupied and method (closes outdoor air damper or shuts off equipment); or alternate means provided to automatically reduce ventilation air when space is partially occupied; or exception applied		
NA	C403.7.3	Ventilation air heating control	For ventilation air systems that operate in conjunction with heating and cooling systems, indicate that ventilation air is tempered (via heating or heat recovery) to no greater than 60F when the space conditioning system is in cooling mode		

Mechanical Requirements List, pg 8 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.7.4.2	Ventilation controls for Group R-1 guestrooms	Refer to Requirements List section HVAC Controls for Group R-1 temperature setback and set up controls		
NA			Indicate method of ventilation and exhaust isolation for each guest room and automatic controls that are configured to turn off ventilation and exhaust airflow when each room is unoccupied		
NA	C403.8.4	Group R occupancy exhaust fan efficiency	Refer to Requirements List section Fans & Fan Controls		
NA	C403.7.5 C403.7.5.1	Enclosed loading dock ventilation	For enclosed loading docks, indicate ventilation / exhaust system activated by CO and NO2, (or occupancy sensors), and control method (staged or modulating)		
NA	C403.7.5 C403.7.5.2	Enclosed parking garage ventilation	For enclosed parking garages, indicate ventilation / exhaust system activated by gas detection system for CO and NO2, and control method (staged or modulating); or exception applied		
NA	C403.7.6	Ventilation / exhaust systems energy recovery	For systems with design ventilation air > 5,000 cfm, or aggregate design supply air > 5,000 cfm and % ventilation air exceeding the values in Tables C403.7.6(1) or (2), indicate exhaust air energy recovery method; or exception applied with supporting calculations		
NA			For rooms served by multiple systems with aggregate design ventilation air > 5,000 cfm, or aggregate design supply air cfm and % ventilation air exceeding the values in Tables C403.7.6(1) or (2), indicate exhaust air energy recovery method; or exception applied with supporting calculations		
NA			Indicate energy recovery rated effectiveness that increases outdoor air enthalpy by ≥ 50% based on delta between outdoor air and return air enthalpies at design conditions		
YES	C403.7.7.1.1 C403.7.7.1.2 C403.7.7.1.3	Kitchen exhaust hood system	Indicate on plans the type, duty, UL rating and exhaust airflow rate of each kitchen hood	M600	
YES			Provide calculations that show a balanced accounting of total kitchen exhaust (include all hoods) with % of: supply air, transfer air from adjacent spaces, and make-up air	M600	
YES			For hoods with make-up air drawn directly into the exhaust air cavity of each hood, indicate that replacement air does not exceed 10% of hood exhaust airflow rate	M600	
YES			For kitchens with total hood exhaust exceeding 2,000 cfm, indicate that each hood is UL 710 rated and maximum exhaust airflow rate of each hood is per Table C403.7.7.1.2; or exception applied	M600	

Mechanical Requirements List, pg 9 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

YES			For kitchens with total hood exhaust exceeding 2,000 cfm, indicate that kitchen exhaust efficiency compliance method (demand ventilation, energy recovery, or makeup air that would otherwise be exhausted); or exception applied	M600, HOOD DRAWINGS	
NA	C403.7.7.2	Laboratory exhaust systems energy recovery	For buildings with total lab exhaust > 5,000 cfm, indicate method of energy recovery used to pre-condition laboratory make-up air; energy recovery effectiveness (rate 55°F increase in outside air temperature); or alternative method per exception (VAV exhaust, semi-conditioned makeup, or CHRM calculation)		
YES	C403.7.7.3	Transfer air	For spaces where conditioned supply air is utilized as transfer air to balance mechanical exhaust, indicate where basis of transfer airflow (supply required to meet loads, health/safety requirements, air that would normally be exhausted); or exception applied	M100, M600	
NA	C403.7.8.1 C403.7.8.3	Shutoff dampers for building isolation	In addition to system selection requirement, indicate that all associated heating and cooling equipment have a rated efficiency for all equipment performance criteria (heating, cooling, full load, part load) that is at least 15% better than the listed WSEC efficiency; include specific equipment exceptions applied		
NA			Indicate location of stairway and elevator hoisway shaft vent dampers on plans; verify dampers are Class 1 motorized; or exception applied		
NA	C403.7.8.2 C403.7.8.3	Shutoff dampers for return air	Indicate locations of return air dampers that are integral to airside economizer operation; verify dampers are motorized; indicate whether dampers are Class 1, or within packaged equipment eligible for leakage rating exception (include leakage rating, cfm/sf)		
NA	C403.7.8.4	Damper actuation	Indicate automatic controls configured to close outdoor air intake, exhaust and relief outlet dampers on plans; indicate whether dampers are Class 1 motorized, or gravity and exception applied (include leakage rating, cfm/sf.)		
NA			Indicate method of activation of stairway and elevator hoisway shaft vent dampers (fire alarm or interruption of power)		
NA	C404.11.4	Exhaust system energy recovery for heated indoor pools and permanent spas	For buildings with pools or spas with water surface area > 200 sf, indicate exhaust air energy recovery method and use of waste heat (preheat ventilation air, pool water or service hot water); or exception applied		
NA			Indicate energy recovery system has the rated effectiveness and is configured to decrease the exhaust air temperature at design conditions by ≥ 30°F		

Mechanical Requirements List, pg 4 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.3.5.2	Heating / cooling system controls with DOAS	Indicate systems and equipment associated with the delivery of air-to-air heat heating and cooling (fans, hydronic pumps, primary air dampers, etc) are configured to shut off, and central equipment is configured to turn down, when there is no call for heating or cooling in the zone they serve.		
NA			If applying Exception to heating / cooling fans used for air mixing in the space during deadband periods, include fan watts per cfm in equipment schedule		
NA	C403.3.5.3	Decoupled DOAS supply air	Indicate method of delivery of DOAS supply air to the occupied space whereby into space air-to-air heat exchanger is ducted directly to coils; or exception applied		
NA	C403.4.1	Multiple zone DOAS	For DOAS serving multiple zones, indicate controls configured to reduce the volume of outdoor air in each zone independently when the zone is unoccupied; or exception applied		
ADDITIONAL EFFICIENCY CREDITS - DEDICATED OUTSIDE AIR SYSTEMS (DOAS)					
NA	C406.6	DOAS	For building occupancies not subject to the requirements of Section C403.3.5, to comply with this additional efficiency credit, provide calculations that demonstrate 90% or more of the total floor area of all occupied, conditioned spaces are served by a DOAS per C403.3.5		
NA	C406.7	High performance DOAS - Energy recovery effectiveness and fan power	For all building occupancies, to comply with this additional efficiency credit, demonstrate compliance with C406.6 and:		
NA			Indicate energy recovery sensible effectiveness of all DOAS is ≥ 80%		
NA			For each system, indicate that total system fan power does not exceed 0.5 watts per cfm		
FANS AND FAN CONTROLS					
YES	C403.8.1	Fan power limitation	For all HVAC fan systems that provide heating and / or cooling and all DOAS, provide system total nameplate hp in equipment schedules on project plans	M600	
NA			For all applicable HVAC systems with total fan motor nameplate hp ≥ 5hp, verify fan system motor hp or bhp complies with fan power limits per equations in Table C403.8.1(1)		
NA			Terminal units installed in conjunction with a DOAS (hydronic heat pumps, VRF heat pumps, chilled/hot water terminal units, variable volume terminal units) shall be treated as independent air handling units for purposes of fan power calculations		

Mechanical Requirements List, pg 5 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.8.2	Motor nameplate hp	For all applicable HVAC systems with total fan motor nameplate hp > 5hp, indicate fan motors specified are the smallest available motor hp size greater than fan bhp, note exceptions applied		
YES	C405.8	Fractional hp fan motors	For all fractional hp fan motors (1/12 - 1 hp), indicate that motors comply with applicable WSEC efficiency tables; if motor type is not listed in an efficiency table, indicate whether fan has an electronically commutated motor, has motor rated efficiency of at least 70%, or exception applied	M600	
NA	C403.8.3	Fan efficiency	For individual fans > 5hp, and multiple fans combined in series or parallel that operate as the functional equivalent of a single fan with a combined total motor hp > 5hp, indicate in equipment schedules that rated FEG for all applicable fans is ≥ 67, or exception applied; indicate these fans are sized so total efficiency is within 15% of the fan maximum total efficiency		
NA	C403.8.4	Group R occupancy exhaust fan efficacy	For all exhaust fans ≤ 400 cfm in Group R occupancies, indicate in equipment schedule the fan flow rate and efficacy (cfm/watt), or exception applied; refer to Table C403.8.4		
NA	C403.2.3	Variable flow capacity - fans	For fan motors ≥ 7.5 hp, indicate method of variable flow control (VSD or equivalent method) in equipment schedules, or exception applied		
YES	C403.8.5.1	Fan airflow control	For DX air handling units with cooling capacity ≥ 42,000 Btu/h and evaporative and chilled water air handling units with fan ≥ 0.25 hp, indicate whether system is single zone or multiple zone and related control method (cooling capacity controlled in response to space temperature, space temperature is controlled by modulating supply airflow, or both)	M600	
YES			For mechanical cooling systems (includes DX and chilled water coils) that control cooling capacity by modulating supply airflow: - Provide a minimum of two stages of fan control; indicate minimum fan speed is ≤ 66% of full speed drawing ≤ 40% of full speed fan power during periods of low cooling or ventilation only	M600	

Mechanical Requirements List, pg 6 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NO			For other mechanical cooling systems (includes DX and chilled water coils) that control space temperature by modulating airflow (in lieu of, or in addition to, controlling capacity in response to space temperature): - Provide fan controls for modulating supply airflow; indicate minimum fan speed is ≤ 50% of full speed drawing ≤ 30% of full speed fan power during periods of low cooling or ventilation only; or exception applied		
ADDITIONAL EFFICIENCY PACKAGE OPTION, MORE EFFICIENT HVAC EQUIPMENT & FAN PERFORMANCE - MUST COMPLY WITH ALL 3 PROVISIONS TO BE ELIGIBLE					
NA	C406.2.1	HVAC system selection	To comply with this additional efficiency credit, provide calculations that demonstrate (based on heating and cooling output capacity) that 90% or more of all HVAC equipment serving conditioned floor areas have a corresponding WSEC listed efficiency; or exception applied		
NA	C406.2.2	Minimum equipment efficiency	In addition to system selection requirement, indicate that all associated heating and cooling equipment have a rated efficiency for all equipment performance criteria (heating, cooling, full load, part load) that is at least 15% better than the listed WSEC efficiency; include specific equipment exceptions applied		
NA			For systems required to provide a TSPR report per C403.1.1, demonstrate that the proposed design rates is at minimum 10% higher than the standard reference design rates		
NA			For projects complying via weighted average efficiency exception, include calculations that demonstrate the overall average better than code efficiency of all equipment performance criteria for all equipment is ≥ 15%; indicate that all equipment has at least 5% better than code efficiency		
NA			For systems serving low energy and semi-heated spaces, indicate that 90% or more of installed heating output capacity is provided by electric infrared or gas-fired radiant equipment for localized heating applications only		
NA	C406.2.3	Minimum fan efficiency grade	In addition to system selection and efficiency requirements, indicate rated FEG of all ≥ 1 hp (746 watt) stand alone supply, return and exhaust fans is ≥ 71; indicate these fans are sized so the fan efficiency at design conditions is within 10% of the maximum total or static efficiency		
VENTILATION, EXHAUST & ENERGY RECOVERY					
YES	C403.2.2.1	Ventilation	Indicate method of ventilation air delivery (natural or mechanical) for each zone	M600	

Mechanical Requirements List, pg 1 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

Project:
Chipotle - Gig Harbor - 2018 WSEC
4823 Point Fosdick Drive
Gig Harbor, WA 98335

Date: 2021-10-05

Applies	Code Section	Code Provision	Compliance Information Required In Permit Documentation	Location in Documents	Building Department Notes
SCOPE					
NA	C103.1	Construction documents - General	For a shell & core or tenant space (first build-out) project, indicate what if any is to mechanical scope captured in this permit		
YES	C103.1	Construction documents - General	For an alteration project, indicate if there is no mechanical scope included in the project	M020	
PERFORMANCE CRITERIA & SYSTEM DESIGN					
YES	C403.1	Exempt process equipment	Identify equipment used by manufacturing, industrial or commercial processes that are not for space conditioning or maintaining comfort and amenities for occupants; identify provisions applicable to this equipment per C403.1 exception	M600	
NA	C403.1.1	HVAC total system performance ratio - (TSPR)	For systems serving office, retail, library or education occupancies, provide a TSPR report that demonstrates the proposed design ratio is equal to or greater than the standard reference design rate, or exception applied		
YES	C403.1.2	Calculation of heating and cooling loads	Provide load calculations performed per ASHRAE Std 183 or equivalent, using design parameters per C202 and Appendix C; include load adjustments to account for energy recovery	M020	
NA	C403.1.3	Data centers	Provide documentation that demonstrates that data center systems comply with the maximum allowed Design MLC and Annualized MLC per ASHRAE 90.4 with 2018 WSEC adjustments per climate zone		
NA	C403.2.1 C403.4.2.2	Zone isolation	If there are HVAC zones that are intended to be occupied non-simultaneously, identify isolation zone areas on plans; if multiple zones intended to be occupied simultaneously will be combined into a single isolation zone, include on plans that the combined zone area does not exceed 25,000 sf and does not include more than one floor, or exception applied		
NA			Indicate locations of associated zone isolation dampers in HVAC distribution system		
NA			Refer to HVAC Controls section in Requirements List for applicable automatic setback and shutdown controls requirements		
EQUIPMENT SELECTION & PERFORMANCE					

Mechanical Requirements List, pg 2 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 ·· · Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

YES	C403.3.1	Equipment and system sizing	Indicate that output capacities of heating and cooling equipment and systems are no greater than the smallest available equip

Mechanical Requirements List, pg 25 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C408.1.3.2	Functional performance testing criteria	Identify in plans and specifications the intended operation of all equipment and controls during all modes of operation, including interfacing between new and existing to remain systems		
NA	C408.2.2	Air system and hydronic system balancing	Indicate in plans that air and third flow rates shall be tested and balanced within the tolerances defined in the specifications. Indicate systems shall be balanced in a manner to first minimize throttling losses, then adjusted to meet design flow conditions.		
NA	C408.2.2.1	Air system balancing devices	Indicate devices that provide the capability to balance all supply air outlets, zone terminals and air handling equipment requiring system balancing		
NA	C408.2.2.2	Hydronic system balancing devices	Indicate devices that provide the capability to isolate, balance and measure flow across all hydronic equipment requiring system balancing including heating and cooling coils and pumps; or exception applied		
PROJECT CLOSE OUT DOCUMENTATION					
YES	**C103.6**	**Documentation and project close out submitted requirements.**	**Indicate in plans that project close out documentation and training of building operations personnel is required for: all mechanical components, equipment and systems governed by this code; indicate close out documentation shall include: record documents, O&M manuals; applicable WSEC mechanical equipment compliance reports and calculations**	**M010**	

Mechanical Requirements List, pg 22 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA			If complying via high efficiency heating water plant: Indicate all VAV terminals have hydronic heating coils served by a heating water system with either gas-fired boiler(s) with thermal efficiency (Et) ≥ 92%, air-to-water heat pumps, or heat recovery chillers; indicate hydronic heating coils are sized per a maximum 120°F entering water temperature during peak demand		
NA			If complying via high efficiency chilled water plant: Indicate all VAV air handlers have cooling coils served by chillers with rated IPLV efficiency that exceeds WSEC listed IPLV by at least 25% per Table C403.3.2(7) (none water-cooled units); indicate chiller equipment in plant is ≤ 20% of the total plant capacity; or provide thermal storage sized for ≥ 20% of total plant capacity		
NA	C403.6.10, Item 15	Fault detection and diagnostics	Indicate DDC system includes automatic fault detection and diagnostics (FDD) configured to monitor operation and provide fault reporting of all required parameters for all VAV air handlers and VAV air terminal units in the HP/VAV system		
HIGH EFFICIENCY SINGLE-ZONE VAV SYSTEMS - EXCEPTION TO C403.3.5 DOAS, MUST COMPLY WITH ALL 8 PROVISIONS TO BE ELIGIBLE					
NA	C403.12, Item 1	Air economizer	Indicate system is configured for 100% air economizer operation and complies with all related economizer requirements per C403.5 (without economizer exceptions)		
NA	C403.12, Item 2	Direct digital controls (DDC)	Provide DDC controls for all components of system per C403.4.1.1 (regardless of system size); identify all DDC system input / output control points; indicate capability for trending and graphical display		
NA	C403.12,Item 3	Outdoor airflow measurement and control	For systems with minimum required outdoor air ≥ 1,000 cfm, provide an airflow monitoring station that is configured to measure outdoor air intake under all load conditions; indicate controls that adjust outdoor air cfm via DCV per C403.7.1		
NA	C403.12,Item 4	Maximum allowable system brake horsepower	For each single-zone VAV system, provide calculations that verify total fan system bhp is ≤ 90% of the total allowable fan system bhp per Option 2 equation in Table C403.8.1.1		
NA	C403.12, Item 5	Supply airflow control	Provide controls that adjust supply airflow based on the heating and cooling loads; indicate control sequence that limits minimum fan speed to 30% of peak design airflow or required ventilation during unoccupied mode, whichever is less		

Mechanical Requirements List, pg 19 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.6.1	Air systems serving multiple zones	Identify supply air systems serving multiple zones and the zones they serve on plans; indicate whether system is VAV and method of primary air control; or provide supporting documentation for applied exception to VAV		
NA	C403.6.1	VAV air terminal primary supply airflow	Provide equipment schedules on plans that list all VAV air terminals and types (box-powered series and parallel air terminals, single duct and dual duct air terminals, etc)		
NA			For each box, include: maximum primary supply airflow rates during zone peak heating and zone peak cooling; maximum terminal airflow during reheating, recooling or mixing; minimum ventilation airflow rate, and the basis for these values; if IMC or ASHRAE 62.1 multiple zone equation is the basis for minimum flow rates, provide this calculation on plans		
NA	C403.6.2	Single duct VAV terminal units	Indicate single duct terminal units are configured to reduce primary supply air before reheating or recooling		
NA	C403.6.3	Dual duct systems - terminal units	For systems with separate warm air and cool air ducts, indicate terminal units are configured to reduce the flow from one duct to minimum before mixing with air from the other duct		
NA	C403.6.8(C40 3.6.8	VAV system static / pressure sensors and DDC set points	Indicate locations of duct static pressure sensors on plans; include at least one sensor per major duct branch; verify controlled setpoint pressure at each sensor is 0.1-2 inch w.g.		
NA			For systems with zone level DDC, indicate controls are configured to monitor zone damper positions and reset static pressure setpoint based on the zone requiring most pressure; include control logic that automatically detects and generates an alarm if any zone excessively drives reset logic, and allows building operators to exclude zones from reset logic		
NA	C403.6.4	VAV system supply air reset	Indicate controls automatically reset supply air temperature in response to building loads or outdoor air temperature; or exception applied		
NA	C403.6.5	Multiple-zone VAV system ventilation optimization controls	For systems with zone level DDC controls, indicate controls are configured to automatically reduce outdoor airflow in response to changes in system ventilation efficiency; or exception applied		

Mechanical Requirements List, pg 16 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.4.3.2	Two-pipe changeover systems	Indicate changeover deadband is ≥ 15°F outdoor air temperature; indicate controls are configured so that heating / cooling modes are active for at minimum 4 hours before changeover and that the delta between heating / cooling supply temperatures at changeover point is		
NA	C403.4.1.5	Heating water temperature setback	For boilers that provide building heating via one or more hydronic systems, indicate controls that provide heating water temperature setback based on outdoor temperature		
NA	C403.4.4	Hydronic system part load controls and supply-water temperature reset	For heating and chilled water systems with ≥ 500,000 Btu/h output capacity, indicate system controls are configured to, and automatically reset supply water temperature based upon demand; or exception applied		
NA			Indicate automatic pump flow controls are configured to reduce system flow rate by ≥ 50%, or the maximum allowed by the equipment manufacturer, based upon the number of cooling loads, or throttle valve not required		
NA			For hydronic systems with output capacity ≥ 500,000 Btu/h that serve heating water systems, chilled water systems and water-cooled unitary air conditioners, indicate that pumps are provided with a variable speed drive if one of the following conditions apply: 1) System pump motor is ≥ 2 hp and pumps are designed to operate continuously or per time schedule; 2) System pump motor hp is ≥ 7.5 hp and pumps are controlled by automatic (DDC) configured to only operate pumps when there is a call for zone heating or cooling		
NA			Where variable speed drives are required, indicate system is configured so that pump motor power is ≤ 30% of design wattage at 50% of design flow rate; indicate pump flow is controlled to maintain one control valve nearly wide open, or to maintain a minimum differential pressure; or exception applied		
NA	C403.4.6	Hydronic system variable pump flow control	For individual pumps required to have variable speed controls, indicate manner of pump speed control (differential pressure, static pressure setpoint, zone heating or cooling demand, or based on the relationship between variable speed controller frequency and power)		
NA	C403.4.5	Chiller 2 boiler plant pump isolation	Indicate controls are configured to automatically reduce overall plant flow and shut off flow through individual chillers and boilers when not in use		

Mechanical Requirements List, pg 23 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.12,Item 6	Controls for high occupant density spaces	For zones ≥ 150 sf with high occupant density (≥ 25 people / 1000 sf), indicate DCV control that resets ventilation setpoint based on measured CO2; also indicate occupancy sensor control that automatically reduces minimum ventilation to zero and sets back room heating and cooling setpoints by ≥ 5°F when space in unoccupied		
NA	C403.12, Item 7	High efficiency system option	Indicate which system performance option is applied - high efficiency DX cooling and heat pump or high efficiency gas heating; or heating coils served by a high efficiency heating water plant; or cooling coils served by high efficiency chilled water plant		
NA			If complying via high efficiency DX: Indicate full load and part load rated cooling efficiency exceeds WSEC listed efficiency by at least 15%; if heating is supplied by a gas-fired furnace, indicate thermal efficiency (Et) is ≥ 90%; if system is a heat pump, indicate heating efficiency (HSPF or COP) exceeds WSEC listed efficiency by at least 10%; control of cooling and heating coil output shall be configured with a minimum of 2 stages or modulating		
NA			If complying via high efficiency heating water plant: Indicate hydronic heating coils are served by a heating water system with either gas-fired boiler(s) with thermal efficiency (Et) ≥ 92%, air-to-water heat pumps, or heat recovery chillers; indicate hydronic heating coils are sized per a maximum 120°F entering water temperature during peak demand		
NA			If complying via high efficiency chilled water plant: Indicate cooling coils are served by chillers with rated IPLV efficiency that exceeds WSEC listed IPLV by at least 25% per Table C403.3.2(7) (none water-cooled units); indicate chiller equipment in plant is ≤ 20% of the total plant capacity; or provide thermal storage sized for ≥ 20% of total plant capacity		
NA	C403.12, Item 8	Fault detection and diagnostics	Indicate DDC system includes automatic fault detection and diagnostics (FDD) configured to monitor operation and provide fault reporting of all required parameters for all HP/VAV single-zone air systems		
EXTERIOR HEATING SYSTEMS					
NA	C403.11.1.4	Heating outside a building	Indicate systems providing heating in non-enclosed outdoor occupied spaces are radiant systems		

Mechanical Requirements List, pg 20 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.4.6.6	Parallel fan-powered VAV air terminals	Indicate controls automatically activate or shut off the air terminal fan based on call for heating and / or ventilation; indicate controls are configured to activate the terminal fan as the first stage of heating prior to activating the heating coil; indicate control method of primary air: during warmup or temperature setback mode		
HIGH EFFICIENCY MULTIPLE-ZONE VAV SYSTEMS - EXCEPTION TO C403.3.5 DOAS, MUST COMPLY WITH ALL 15 PROVISIONS TO BE ELIGIBLE					
NA	C403.6.10,Item 1	Minimum area served and zoning	Indicate that each high efficiency multiple-zone VAV system serves an area ≥ 3,000 sf and includes ≥ 5 zones		
NA	C403.6.10, Item 2	Air economizer	Indicate system is configured for 100% air economizer operation and complies with all related economizer requirements per C403.5 (without economizer exceptions)		
NA	C403.6.10, Item 3	Direct digital controls (DDC)	Provide DDC controls for all components of system per C403.4.1 (regardless of system size); identify all DDC system input / output control points; indicate capability for trending and graphical display		
NA	C403.6.10, Items 4 and 5	Supply and outdoor airflow measurement and control	For systems with minimum required outdoor air ≥ 2,000 cfm, provide an airflow monitoring station that is configured to measure outdoor air intake under all load conditions; indicate control sequence that increases or reduces outdoor air cfm based on VAV terminal feedback, or ventilation optimization per C403.7.1 (allows exceptions) or and DCV per C403.7.1.1		
NA			Provide a supply airflow monitoring station that is configured to measure supply air delivered to VAV terminals under all load conditions		
NA	C403.6.10,Item 6	Zone isolation and maximum area served	Verify maximum area served by a single VAV system is ≤ 50,000 sf, or one entire floor, whichever is greater; in addition if a system serves > 25,000 sf, that includes areas that are expected to be occupied non-simultaneously, indicate zone isolation controls per C403.2.1		
NA	C403.6.10, Item 7	Interior / exterior zone design supply air temperature	Verify that VAV terminals serving interior cooling driven loads are sized per > design supply air temperature that is 3°F higher than VAV terminals serving exterior zones while in cooling mode		
NA	C403.6.10, Item 8	Maximum air terminal inlet velocity and fan power	Identify all air terminals with minimum primary airflow setpoints > 50% of maximum setpoint in mechanical equipment schedule for these air terminals indicate inlet velocity does not exceed 900 fpm		

Mechanical Requirements List, pg 17 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.4.3.3.1	Water loop heat pump - temperature deadband	Indicate meshed-of water loop temperature control (central plant equipment controls are configured to provide ≥ 20°F water supply temperature deadband between heat rejection and heat addition modes; or controls are configured for system loop temperature optimization		
NA	C403.4.3.3.2	Water loop heat pump - heat rejection equipment	Indicate type of cooling tower (open- or closed-circuit) in equipment schedule; indicate whether the cooling tower is used directly in the heat pump loop or in conjunction with a separate heat exchanger; indicate method used to limit system heat loss when heat rejection is not needed		
NA	C403.4.3.3.3	Water loop heat pump - isolation valves	For hydronic heat pump systems with total pump motor power ≥ 10 hp, indicate 2-way isolation valves on each heat pump and isolation valves on system		
HEAT REJECTION SYSTEMS - EQUIPMENT SELECTION & PERFORMANCE					
NA	C403.9.1.3	Centrifugal fan open-circuit cooling towers	For open-circuit centrifugal fan cooling towers with ≥ 1,500 gpm capacity, indicate cooling towers comply with efficiency requirements for axial fan open circuit cooling towers		
HEAT REJECTION & RECOVERY - CONTROLS					
NA	C403.9.1.1(C 403.9.1.2	Fan speed control	For each fan powered by an individual motor or array of motors, with total connected fan power ≥ 5 hp (including motor service factor), indicate method of automatic fan speed control (adjusted based on leaving fluid temperature or condenser temperature / pressure of heat rejection device); verify fan selection provides ≤ 30% design wattage at 50% design airflow		
NA			For multiple-cell heat rejection equipment with VSD, Indicate controls are configured so that all cells run in unison (not staged on / off operation)		
NA	C403.9.1.4	Cooling tower flow turndown	For open-circuit cooling towers configured with multiple- or variable-speed condenser water pumps, indicate system is designed so all cells can be run in parallel; indicate method of condenser pump flow control		
NA	C403.9.2.1	Heat recovery for service water heating	For buildings with 24-hour operation and > 1,500,000 Btu/h of heat rejection capacity and design service hot water load > 250,000 Btu/h, indicate condenser heat recovery to pre-heat service water; or exception applied. Provide calculations showing the amount of recovered heat that is utilized (60% of peak heat rejection load or pre-heat service water to 85°F).		

Mechanical Requirements List, pg 24 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA			Indicate occupancy sensing or timer switch controls configured to automatically shut off heating system when area served is unoccupied		
NA	C403.11.2	Snow melt systems	Indicate automatic controls configured to shut off system when pavement temperature exceeds 50°F and no precipitation is falling, and when outdoor air temperature exceeds 40°F		
NA	C403.11.3	Freeze protection system controls	Indicate automatic controls to shut off system when outdoor temperature exceeds 40°F, or condition protect fluid from freezing		
HVAC EQUIPMENT ENERGY USE METERING					
NA	C409.3.1	HVAC equipment energy use metering	For new buildings > 50,000 sf and building additions > 25,000 sf, verify energy use metering for each HVAC system that provide space heating and cooling; submetering and ventilation will be provided per C409; indicate equipment eligible for exception		
DOCUMENTATION AND SYSTEM SPECIFIC REQUIREMENT TO SUPPORT COMMISSIONING (CX)					
NA	C408.1	Scope of mechanical systems commissioning	For buildings with ≥ 240,000 Btu/h total output cooling capacity or ≥ 500,000 Btu/h total output heating capacity, indicate that all mechanical systems regardless of individual capacity are required to be commissioned; or provide building heating / cooling capacity calculations demonstrating eligibility for exception		
NA			Indicate that all systems, equipment and controls for which the WSEC requires control functions and / or configuration to perform specific functions are included in the Cx scope		
NA	C408.1.1 C408.1.4.1	Commissioning requirements in construction documents	Indicate in plans and specifications that Cx per C408 is required for all applicable mechanical systems		
NA			Include general summary that includes at minimum: narrative description of activities, responsibilities of the Cx team, schedule of activities including verification of project close out documentation per C103.6, and conflict of interest plan (if required)		
NA			Include in general summary that a Cx project report or Compliance Checklist (Figure C408.1.4.1) shall be completed by the Certified Cx Professional and provided to the owner prior to the final mechanical inspection		

Mechanical Requirements List, pg 21 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.6.10,Ite m 8	Maximum allowable system brake horsepower	For each multiple-zone VAV system, provide calculations that verify total fan system bhp is ≤ 90% of the total allowable fan system bhp per Option 2 equation in Table C403.8.1.1		
NA	C403.6.10,Ite m 9	Fan-powered terminal unit scene and control	Indicate all series and parallel fan-powered terminals have electronically commutated motors (ECMs); indicate DDC control system is configured to vary air terminal fan speed as a function of the load; indicate fan speed during periods of low heating, low cooling, or ventilation-only mode is ≤ 66% of peak design air flow, or provide supporting documentation for applied exception		
NA	C403.6.10, Item 10	Application of single duct and fan-powered terminal units	Indicate VAV terminal types on plans; verify fan-powered terminal units only serve perimeter zones with envelope loads and interior zones with high occupant density and DCV per C403.7.1; verify all other zones are served by single duct terminal units		
NA	C403.6.10, Item 11	Fan-powered terminal unit primary air reset	Indicate DDC controls are configured to automatically reset the primary supply air cfm setpoint of all fan-powered terminal units to the minimums required to maintain ventilation during occupied heating or deadband mode, based upon the VAV air handling unit minimum ventilation air fraction		
NA	C403.6.10,Ite m 12	Controls for high occupant density spaces	For zones > 150 sf with high occupant density (≥ 25 people / 1000 sf), indicate zone is served by a dedicated terminal unit with DCV control that resets terminal unit ventilation setpoint based on measured CO2; also indicate occupancy sensor control that automatically reduces minimum ventilation to zero and sets back room heating and cooling setpoints by ≥ 5°F when space in unoccupied		
NA	C403.6.10, Item 13	Dedicated cooling systems serving data centers, electronic equipment and telecom spaces	For data centers and server, electronic equipment, telecom or similar spaces with sensible cooling loads > 5 W/sf, indicate spaces are served by dedicated cooling systems that are independent of the HP/VAV systems serving the rest of building		
NA			Indicate dedicated cooling systems are configured for 100% air economizer operation and comply with all related economizer requirements per C403.5 (without economizer exceptions), or heat recovery per C403.5, Exception 9		
NA	C403.6.10, Item 14	Central plant efficiency	Indicate whether systems are served by a high efficiency heating water plant, or a high efficiency chilled water plant		

Mechanical Requirements List, pg 18 of 25

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2021 NEEA. All rights reserved
The following information is necessary to check a mechanical permit application for compliance with the mechanical systems and equipment requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC-Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C403.9.2.2	Steam condensate systems heat recovery	For buildings with on-site steam heating systems, indicate condensate water heat recovery and use of recovered heat		
NA			For buildings that use off-site generated steam where condensate is not returned to the source, indicate on-site condensate water heat recovery		
NA	**C403.9.2.3**	**Refrigeration condenser heat recovery**	**For buildings with food service, meat or deli departments that have ≥ 500,000 Btu/h of remote refrigeration capacity for coolers / freezers, indicate condenser heat recovery and use of captured energy (service water heating, space heating, or dehumidification reheating)**		
NA			**For buildings with ≥ 40,000 sf conditioned floor area and ≥ 1,000,000 Btu/h of remote refrigeration capacity, indicate condenser heat recovery to service water; indicate remaining recovered heat is applied to space heating or dehumidification reheating**		
NA	C403.9.2.4	Heat recovery for space heating	For buildings that operate > 70 hour per week, that are not served by a DOAS with energy recovery, and have ≥ 1,500,000 Btu/h of heat rejection capacity and 10-65 cfm per sf of design minimum supply airflow with reheat, indicate condenser heat recovery is provided for space heating that complies with Sections C403.9.2.4.1 or C403.9.2.4.2 or C403.9.2.4.4		
NA	C403.9.2.4.1 C403.9.2.4.4	Water to water heat recovery	Indicate that 90% or more of the total building space heating and ventilation air design loads are served by heat energy rejected from either a heat recovery chiller or the cooling minimum water to water heat pump equipment		
NA	C403.9.2.4.2	Exhaust heat recovery	Indicate that waste heat is recovered from least 90% of the total building exhaust airflow such that leaving exhaust air temperature while in heat recovery mode is 55 deg F dry bulb; new exhaust air systems eligible for exception to this requirement		
NA	C403.9.2.4.3	Process heat recovery	In spaces with 5 watts per sf year-round cooling loads from lights and equipment, indicate these spaces are served by water-cooled equipment configured for heat recovery		
NA			If those spaces are served by economizer (air or water), indicate automatic controls are configured to disable economizer operation while system is in heat recovery mode		
MULTIPLE ZONE AIR SYSTEMS					

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:20 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

3	21 SEP 21	CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.
2102029

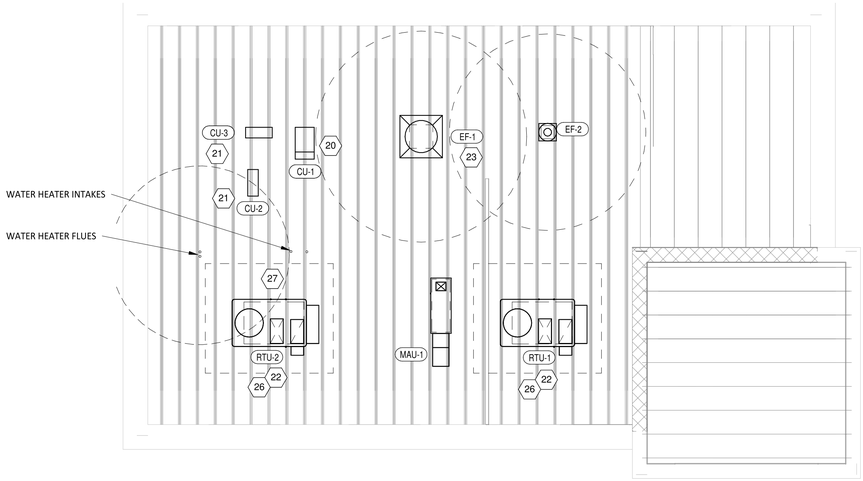
Contents:
MECH ENERGY CHECKLIST

3

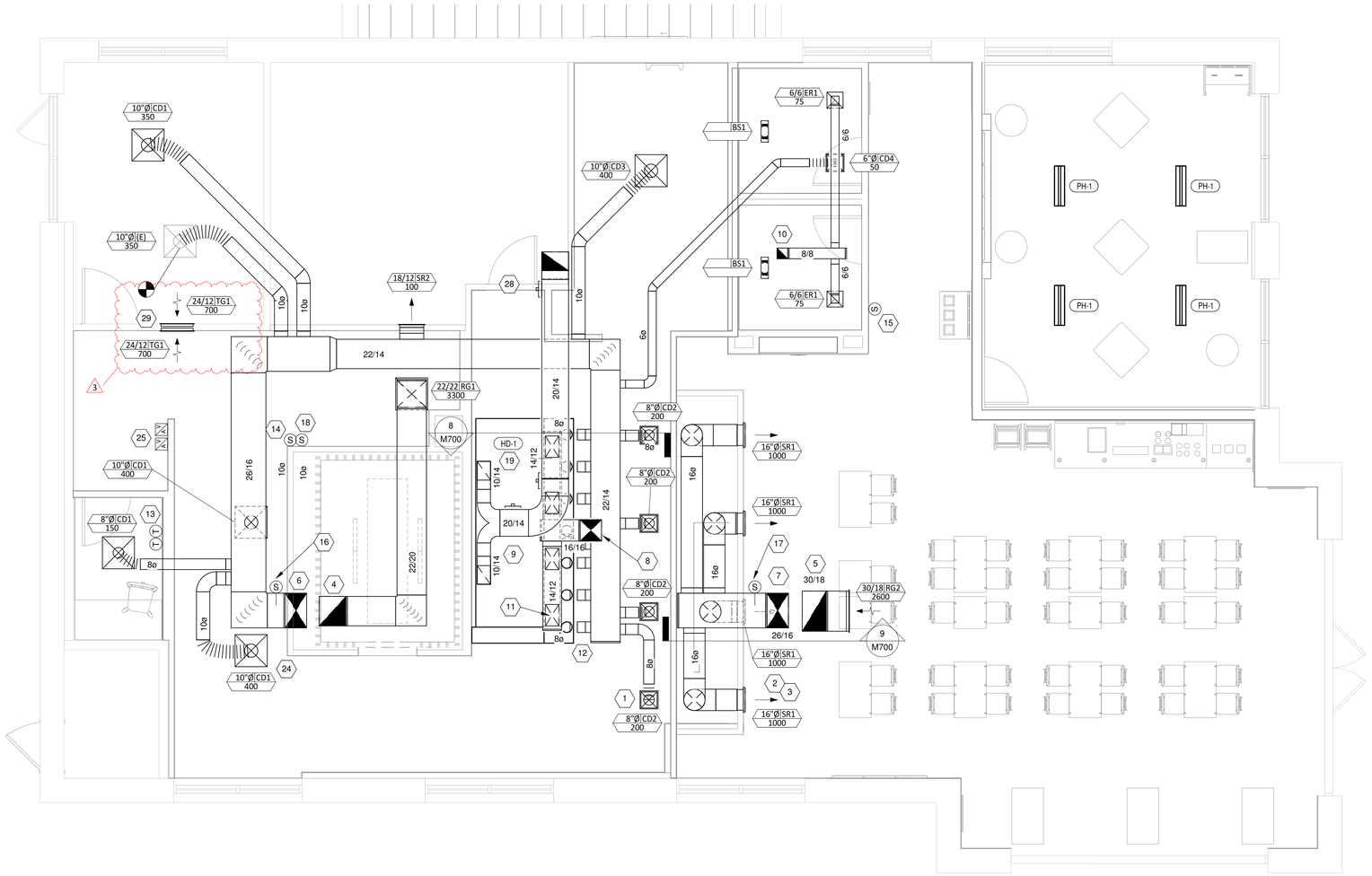
M022

HVAC PLAN NOTES

1 SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
2 PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS AND RETURN GRILL BLACK. TYPICAL.
3 REFER TO ARCHITECTURAL SHEETS FOR SUPPLY REGISTER ELEVATIONS AND LOCATIONS.
4 22/20 DUCT UP FOR TRANSITION TO RTU-1 RETURN CONNECTION IN ROOF CURB. RTU-1 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-1 OPERATION.
5 32/16 DUCT UP FOR TRANSITION TO RTU-2 RETURN CONNECTION IN ROOF CURB. RTU-2 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-2 OPERATION.
6 26/16 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.
7 26/16 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.
8 16/16 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.
9 10/14 DUCTS UP FROM HOOD TO 20/14 DUCT THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96. PROVIDE RADIUSED ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.
10 8/8 DUCT UP THROUGH ROOF TO EF-2.
11 16/10 DUCT DOWN TO MAKEUP AIR PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL FOR 4.
12 8" DIA. DUCT DOWN TO AC PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL. CAP UNUSED DUCT CONNECTIONS.
13 INSTALL GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2 AT THIS LOCATION AT 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
14 INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 60" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
15 INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-2 AT THIS LOCATION 66" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
16 INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
17 INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
18 INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 60" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.
19 INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST AND MAKEUP AIR FANS IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS 2 AND 4/M700. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.
20 INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE CONDENSING UNIT. CUT 2-1/2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.
21 INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
22 INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
23 INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIROGUARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.
24 PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
25 PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
26 INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
27 MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.
28 PROVIDE UNDERCUT OF DOOR A MINIMUM OF 1" TO ALLOW AIRFLOW BETWEEN SPACES.
29 PROVIDE TRANSFER GRILLE 6" BELOW THE CEILING IN THE KITCHEN AND 6" HIGHER IN THE STORAGE SPACE TO ALLOW AIR TRANSFER BETWEEN SPACES. TRANSFER GRILLES SHALL BE OPEN TO THE STUB BAY.



2 M100 **HVAC ROOF PLAN**
1/8" = 1'-0"



1 M100 **HVAC FLOOR PLAN**
1/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:20 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:
2 JUL 21 PERMIT SET
8 SEP 21 BID SET

Revisions:
3 21 SEP 21 CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
HVAC PLAN

M100

VENTILATION SCHEDULE

CATEGORY	DEFAULT OCCUPANCY [PPL / 1,000 SF]	AREA [SF]	NUMBER OF RESTROOM FIXTURES	OCCUPANCY BY AREA	VENTILATION AIR RATE		VENTILATION REQUIRED [CFM]		EXHAUST AIR RATE		EXHAUST REQUIRED [CFM]		SUBTOTAL VENTILATION REQUIRED [CFM]	SUBTOTAL EXHAUST REQUIRED [CFM]	EFFECT.	TOTAL VENTILATION REQUIRED [CFM]	VENTILATION PROVIDED [CFM]	TOTAL EXHAUST REQUIRED [CFM]	EXHAUST PROVIDED [CFM]
					CFM / PERSON	CFM / SF	OCCUPANCY	AREA	CFM / FIXTURE	CFM / SF	AREA	FIXTURES							
KITCHEN	20	1110	0	23	7.5	0.12	173	133	0	-0.70	-777	0	306	-777	0.8	382	390	-971	-2925
DINING ROOM	100	1174	0	118	7.5	0.18	885	211	0	0.00	0	0	1096	0	0.8	1370	1400	0	0
RESTROOMS	0	125	2	0	0.0	0	0	0	-50	0.00	0	-100	0	-100	0.8	0	0	-125	-150
BREAK ROOM/STORAGE	10	489	0	5	7.5	0.06	38	29	0	0.00	0	0	67	0	0.8	84	104	0	0

VIROGUARD SCHEDULE

TAG	DESCRIPTION	QTY.	DUCT CONNECTION SIZE	FAN	FURN. BY	INST. BY	BASIS FOR DESIGN MANUFACTURER
VG-1	VIROGUARD HOOD EXHAUST FAN ROOFTOP CONTAINMENT SYSTEM	1	18" X 18"	CAPTIVE-AIRE DU240HFA	TDC	GC	ENVIROMATIC

PATIO HEATER SCHEDULE

TAG	DESCRIPTION	KW	QTY.	FURN. BY	INST. BY	BASIS FOR DESIGN		REMARKS
						MANUFACTURER	MODEL	
PH-1	33" DUAL ELEMENT OVERHEAD PATIO HEATER	3	4	GC	GC	SCHWANK	ESD-3033	PROVIDE 2-STAGE CONTROL WITH WEATHERPROOF BOX

GRILLS, REGISTERS, AND DIFFUSERS SCHEDULE

TAG	DESCRIPTION	FACE SIZE	MATERIAL	FINISH	MOUNTING	FURN. BY	INST. BY	BASIS FOR DESIGN		NOTES
								MANUFACTURER	MODEL	
(E)	PERFORATED CEILING DIFFUSER	24" X 24"	ALUMINUM	WHITE	GYP. CEILING	--	--	EXISTING TO REMAIN	--	CLEAN, INSPECT AND REPAIR AS NECESSARY
BS1	BATHROOM AIR PURIFICATION UNIT	5.44" X 16"	ALUMINUM	STAINLESS STEEL	GYP CEILING	TUV	GC	RGF ENVIRONMENTAL GROUP	BRU ASSEMBLY	SEE ELECTRICAL SHEETS FOR CONNECTION INFORMATION
CD1	PERFORATED CEILING DIFFUSER	24" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE INTEGRAL OBD
CD2	PERFORATED CEILING DIFFUSER	12" X 12"	ALUMINUM	WHITE	GYP CEILING	GC	GC	NAILOR	4320A TYPE S	PROVIDE INTEGRAL OBD, REMOVE 4-WAY DEFLECTOR
CD3	PERFORATED CEILING DIFFUSER	24" X 24"	ALUMINUM	WHITE	GYP. CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE INTEGRAL OBD
CD4	PERFORATED CEILING DIFFUSER	12" X 12"	ALUMINUM	WHITE	GYP CEILING	GC	GC	NAILOR	4320A TYPE S	PROVIDE INTEGRAL OBD
ER1	PERFORATED CEILING EXHAUST	12" X 12"	ALUMINUM	WHITE	GYP CEILING	GC	GC	NAILOR	4330R TYPE S	PROVIDE INTEGRAL OBD
RG1	PERFORATED CEILING RETURN	24" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4330R TYPE L	
RG2	0° FIXED BLADE RETURN GRILLE	SEE NECK SIZE	ALUMINUM	CLEAR ANODIZED	DUCT	GC	GC	NAILOR	51FH	
SR1	ADJUSTABLE TURBO NOZZLE	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	SEIHO	NT16	PROVIDE FACE-ACCESSIBLE OBD
SR2	SINGLE DEFLECTION SUPPLY REGISTER	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	NAILOR	51SH	PROVIDE INTEGRAL OBD
TG1	0° FIXED BLADE RETURN GRILLE	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	NAILOR	51FH	

FAN SCHEDULE

TAG	DESCRIPTION	DRIVE TYPE	EXHAUST FLOW [CFM]	E.S.P. [in W.C.]	APPROX. WEIGHT [lbs]	ELECTRICAL		FURN. BY	INST. BY	BASIS FOR DESIGN		REMARKS
						MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
EF-1	EXHAUST FAN TYPE I HOOD	DIRECT	2925	1.20	400	3 HP	208/3/60	HS	GC	CAPTIVE-AIRE	DU240HFA	DIRECT DRIVE UL762 UPBLAST EXHAUST FAN FURNISHED WITH WEATHERPROOF DISCONNECT AND VENTED ROOF CURB
EF-2	RESTROOM EXHAUST FAN	DIRECT	150	0.60	100	0.18 HP	120/1/60	HS	GC	CAPTIVE-AIRE	DR12HFA	DIRECT DRIVE DOWNBLAST RESTROOM EXHAUST FAN FURNISHED WITH INTEGRAL DISCONNECT, SPEED CONTROL, BACKDRAFT DAMPER, AND CURB

CONDENSING UNIT SCHEDULE

TAG	DESCRIPTION	NUMBER OF COMPRESSORS / CIRCUITS	REFRIG. TYPE	REFRIG. CHARGE	APPROX. WEIGHT (LBS)	ELECTRICAL			FURN. BY	INST. BY	BASIS FOR DESIGN		REMARKS
						MOCP	FLA	V/P/H			MANUFACTURER	MODEL	
CU-1	WALK-IN COOLER REMOTE CONDENSING UNIT	1	R-404A		200	15 A	6.5 A	208/3/60	WCS	GC	HARFORD	PCL99MOP-3	FURNISHED WITH WALK-IN COOLER
CU-2	ICE MAKER - REMOTE CONDENSER	0	R-404A	11 lbs 7.4 oz	100			120/1/60	KES	GC	-	-	FURNISHED WITH ICE MAKER
CU-3	ICE MAKER - REMOTE CONDENSER	0	R-404A	11 lbs 7.4 oz	100			120/1/60	KES	GC	-	-	FURNISHED WITH ICE MAKER

MAKEUP AIR UNIT SCHEDULE

TAG	DESCRIPTION	AIRFLOW		HEATING CAPACTIY				APPROX. WEIGHT [lbs]	ELECTRICAL		FURN. BY	INST. BY	BASIS FOR DESIGN		REMARKS
		SUPPLY FLOW [CFM]	E.S.P. [in. W.C.]	INPUT [MBH]	OUTPUT [MBH]	MAXIMUM TURNDOWN	EAT		MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
MAU-1	MAKEUP AIR UNIT	1775	0.80	85	79	12.5:1	33 °F	650	2 HP	208/3/60	HS	GC	CAPTIVE-AIRE	A1-D.250-G10	FURNISHED WITH DISCONNECT, ROOF CURB, SCREEN INTAKE, AND WASHABLE ALUMINUM FILTERS

KITCHEN HOOD SCHEDULE

TAG	DESCRIPTION	MAX COOKING TEMP.	EXHAUST PLENUM						PERFORATED SUPPLY PLENUMS										NO. OF LIGHT FIXTURES	APPROX. WEIGHT [lbs]	FURN. BY	INST. BY	BASIS FOR DESIGN		REMARKS
			AIRFLOW [CFM]	SP [in. W.C]	DUCT COLLARS			LENGTH	WIDTH	SP [in. W.C.]	SUPPLY PLENUM LENGTH	SUPPLY PLENUM WIDTH	MAU PLENUM				AC PLENUM								MANUFACTURER	MODEL	
					NO.	WIDTH	LENGTH						AIRFLOW [CFM]	DUCT COLLARS			AIRFLOW [CFM]	DUCT COLLARS								
														NO.	WIDTH	LENGTH		NO.	DIA.						
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	600°F	2925	0.77	2	10"	14"	13' - 0"	4' - 3"	0.1	14' - 0"	22"	1775	4	10"	16"	800	7	8"	9	950	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACPSP-F	MAT'L: 18 GA. TYPE 430 SS. PROVIDE WITH 16" TALL HE SS FILTERS, INTEGRAL UTILITY CABINET, ANSUL SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTACT, AND 4-POLE 20A CONTACTOR

ROOFTOP UNIT SCHEDULE

TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	EER	AIRFLOW			NET COOLING CAPACITY					HEATING CAPACITY			# OF COMPRESSORS / CIRCUITS	REFRIG. TYPE	REFRIG. CHARGE	APPROX. WEIGHT [lbs]	ELECTRICAL			FURN. BY	INST. BY	BASIS FOR DESIGN		REMARKS
				TOTAL [CFM]	OA [CFM]	ESP [IN. W.C.]	TOTAL [MBH]	SENSIBLE [MBH]	EAT [DEG. F]		COND. EAT [DEG. F]	INPUT [MBH]	OUTPUT [MBH]	EAT [DEG. F]					MOCP	FLA	V/P/H			MANUFACTURER	MODEL	
									DB	WB																
RTU-1	KITCHEN ROOFTOP UNIT	10	12.4	3800	500	0.8	107	85	78	66	95	120	96	64	2	R-410A	7.1/5.0	1625	60 A	46.1 A	208/3/60	HES	GC	TRANE	YHC120	FURNISHED WITH LOW LEAK COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RETURN SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-13 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE
RTU-2	DINING ROOM ROOFTOP UNIT	10	12.4	4000	1400	0.8	105	82	78	66	95	200	160	57	2	R-410A	7.1/5.0	1625	60 A	46.1 A	208/3/60	HES	GC	TRANE	YHC120	FURNISHED WITH LOW LEAK COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RETURN SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-13 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE

AIR BALANCE SCHEDULE

TAG	SUPPLY FLOW [CFM]	RETURN FLOW [CFM]	EXHAUST FLOW [CFM]	SUBTOTAL
EF-1	0	0	2925	-2925
EF-2	0	0	150	-150
MAU-1	1775	0	0	1775
RTU-1	3800	3300	0	500
RTU-2	4000	2600	0	1400
Net Pressurization [CFM]				600

CONTROL FUNCTIONS

A. THE MAIN COOKING EXHAUST FAN AND MAKE-UP AIR UNIT SHALL BE INTERLOCKED TO OPERATE TOGETHER. THIS CONTROL CIRCUIT IS ACTIVATED BY A SWITCH AND INCLUDES A FIRE PROTECTION OVERRIDE.
B. THE TEMPERATURE IN EACH ZONE IS CONTROLLED BY SPACE TEMPERATURE SENSORS CONNECTED TO THE THERMOSTATS LOCATED IN THE OFFICE. ALL ZONES SHALL OPERATE WITH CONTINUOUS FAN OPERATION DURING OCCUPIED TIMES AND INTERMITTENTLY AS NEEDED TO MAINTAIN SET POINTS DURING UNOCCUPIED TIMES. OUTSIDE AIR DAMPERS SHALL BE OPEN CONTINUOUSLY WHEN EITHER IN OCCUPIED MODE OR WHEN THE HOOD SYSTEM IS ON AND SHALL BE CLOSED DURING UNOCCUPIED PERIODS.
C. THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS BASED ON THE SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:20 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

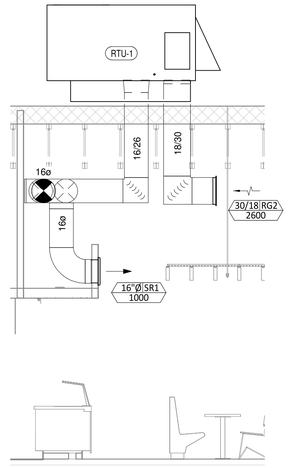
2	8 SEP 21	CLEINT REVISION
3	21 SEP 21	CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.: 2102029

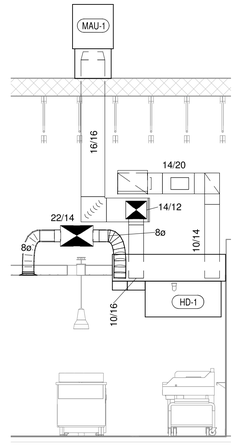
Contents: HVAC SCHEDULES

M600



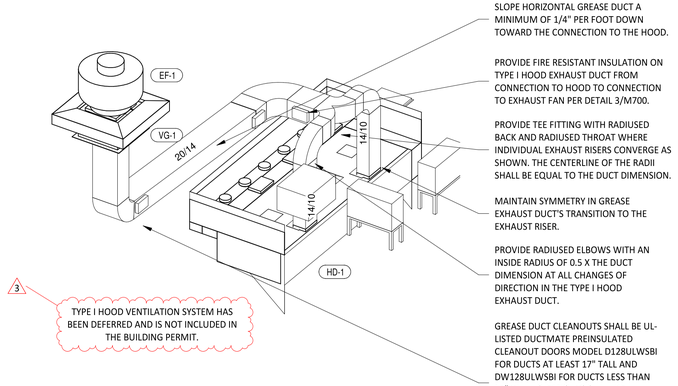
9 M700 HVAC DINING ROOM SECTION

1/4" = 1'-0"



8 M700 DUCT SECTION AT HOOD

1/4" = 1'-0"



SLOPE HORIZONTAL GREASE DUCT A MINIMUM OF 1/4" PER FOOT DOWN TOWARD THE CONNECTION TO THE HOOD.

PROVIDE FIRE RESISTANT INSULATION ON TYPE I HOOD EXHAUST DUCT FROM CONNECTION TO HOOD TO CONNECTION TO EXHAUST FAN PER DETAIL 3/M700.

PROVIDE TEE FITTING WITH RADIUSED BACK AND RADIUSED THROAT WHERE INDIVIDUAL EXHAUST RISERS CONVERGE AS SHOWN. THE CENTERLINE OF THE RADII SHALL BE EQUAL TO THE DUCT DIMENSION.

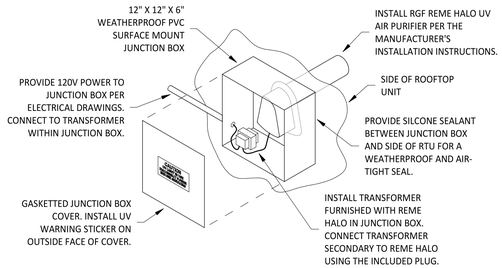
MAINTAIN SYMMETRY IN GREASE EXHAUST DUCT'S TRANSITION TO THE EXHAUST RISER.

PROVIDE RADIUSED ELBOWS WITH AN INSIDE RADIUS OF 0.5 X THE DUCT DIMENSION AT ALL CHANGES OF DIRECTION IN THE TYPE I HOOD EXHAUST DUCT.

GREASE DUCT CLEANOUTS SHALL BE UL-LISTED DUCTMATE PREINSULATED CLEANOUT DOORS MODEL D128ULWSBI FOR DUCTS AT LEAST 17" TALL AND DW128ULWSBI FOR DUCTS LESS THAN 17" TALL. CLEANOUTS SHALL BE FURNISHED BY TENANT. COORDINATE NUMBER AND SIZE REQUIRED WITH ENVIROMATIC. INSTALL AS SHOWN IN THE HVAC FLOOR PLAN.

7 M700 HOOD EXHAUST ISOMETRIC

N.T.S.



INSTALLATION LOCATION

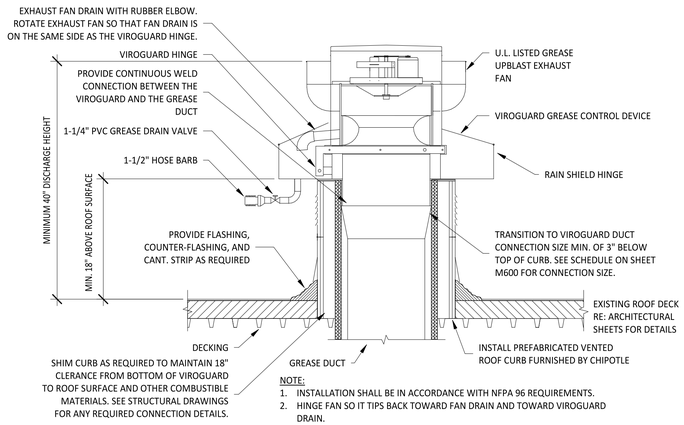
INSTALL AIR PURIFIER WITH JUNCTION BOX ON OUTSIDE FACE OF ROOFTOP UNIT AND WITH UV LAMP TUBE EXTENDING INTO THE INTERIOR OF THE ROOFTOP UNIT. FIELD VERIFY EXACT LOCATION TO AVOID DAMAGING, TOUCHING, OR INTERFERING WITH ANY RTU INTERIOR COMPONENTS. INSTALLATION LOCATION SHALL BE AS FOLLOWS:

TRANE: INSTALL INTO THE SUPPLY AIR STREAM THROUGH THE REMOVABLE PANEL COVERING THE HORIZONTAL DISCHARGE SUPPLY AIR OPENING.

YORK: INSTALL INTO THE SUPPLY AIR PLENUM FROM THE BACK SIDE OF THE UNIT JUST ABOVE THE HEAT EXCHANGER.

6 M700 UV AIR PURIFIER INSTALLATION

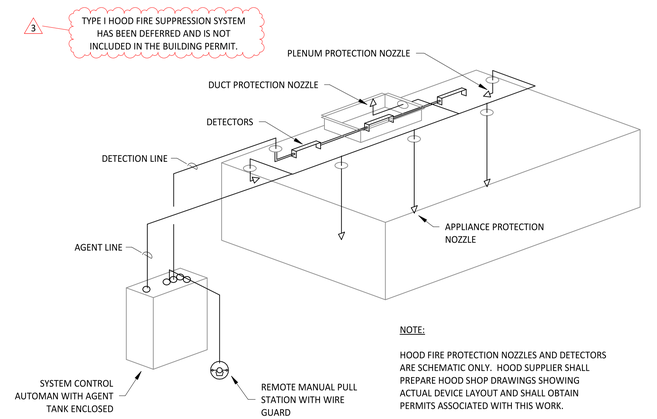
N.T.S.



NOTE:
1. INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96 REQUIREMENTS.
2. HINGE FAN SO IT TIPS BACK TOWARD FAN DRAIN AND TOWARD VIROGUARD DRAIN.

5 M700 GREASE EXHAUST FAN

N.T.S.



NOTE:

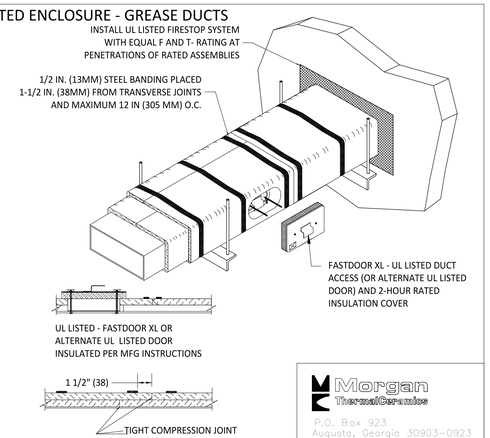
HOOD FIRE PROTECTION NOZZLES AND DETECTORS ARE SCHEMATIC ONLY. HOOD SUPPLIER SHALL PREPARE HOOD SHOP DRAWINGS SHOWING ACTUAL DEVICE LAYOUT AND SHALL OBTAIN PERMITS ASSOCIATED WITH THIS WORK.

4 M700 FIRE SUPPRESSION SYSTEM SCHEMATIC

N.T.S.

FIRE RATED ENCLOSURE - GREASE DUCTS

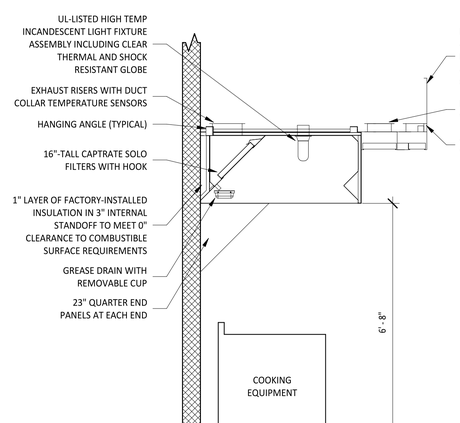
1. THERMAL CERAMICS FIREMASTER FASTWRAP XL IS TESTED TO ASTM E2336 AND UL LISTED PER HNKT.G18 TO PROVIDE ZERO CLEARANCE TO COMBUSTIBLES AND TO PROVIDE A 1- OR 2-HOUR ENCLOSURE. THROUGH PENETRATIONS FIRESTOP SYSTEMS ARE TESTED IN ACCORDANCE WITH ASTM E 814 (UL 1479). ICC CODE EVALUATION PER REPORT UL ER 14229-01.
2. COMPLIANT TO THE FOLLOWING CODES:
   - NFPA 96
   - INTERNATIONAL MECHANICAL CODES
   - UNIFORM MECHANICAL CODE.
   - CALIFORNIA MECHANICAL CODE
3. INSULATION APPLIED IN TWO LAYERS WITH TIGHT COMPRESSION JOINT ON BOTH LAYERS AT ALL JOINTS.
4. MINIMUM 16 GAUGE CARBON STEEL (OR 18 GAGE STAINLESS STEEL) RECTANGULAR OR ROUND GREASE EXHAUST DUCT
5. INSTALL UL LISTED AND LIQUID TIGHT THERMAL CERAMICS FASTDOOR XL ACCESS DOORS, OR ALTERNATE DOOR UL LISTED PER UL1978, AT ALL CHANGES IN DIRECTION AND AT MINIMUM EVERY 20 FT ON HORIZONTAL RUNS.
6. SUPPORT HANGER SYSTEMS DO NOT NEED TO BE WRAPPED PROVIDED THE HANGER RODS ARE MINIMUM OF 3/8 IN. DIAMETER AND SUPPORTS ARE MINIMUM 2 X 2 X 1/8 IN. STEEL ANGLE OR SMACNA EQUIVALENT SUPPORT SYSTEM.
7. THERMAL CERAMICS DUCT WRAP SHALL BE INSTALLED DIRECTLY ONTO THE DUCT AND APPLIED FROM THE HOOD CONNECTION TO THE CONNECTION TO THE FAN.
8. THERMAL CERAMICS DUCT ENCLOSURE SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND UL LISTINGS.



Morgan ThermalCeramics
P.O. Box 923
Augusta, Georgia 30903-0923
Phone: (706) 560-4038

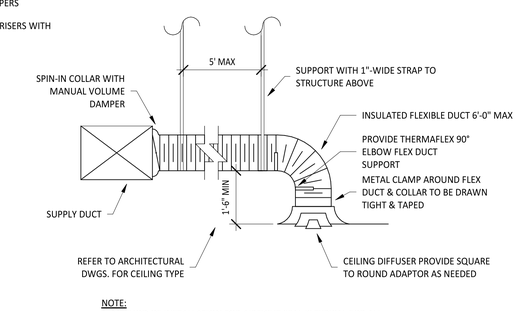
3 M700 FIREMASTER DUCT WRAP - UL HNKT-G18

N.T.S.



2 M700 HOOD SECTION VIEW

N.T.S.



NOTE:
1. METHOD OF INSTALLATION FOR AIRTIGHT SEAL IS TYPICAL FOR ALL FLEX CONNECTIONS TO AIR DISTRIBUTION DEVICES.

1 M700 DIFFUSER CONNECTION

N.T.S.

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com



Signed On
10/05/202112:38:21 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

#		
3	21 SEP 21	CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
HVAC DETAILS

M700

SECTION 15055 - COMMON PIPING REQUIREMENTS
PART 1 - GENERAL
A. SECTION REQUIREMENTS
1. Comply with the requirements of the Building Code and the local authority having jurisdiction.
PART 2 - PRODUCTS
2.1 SUPPORTING DEVICES
A. Hanger and Pipe Attachments: Factory fabricated with galvanized coatings; nonmetallic coated for hangers in direct contact with copper tubing.
B. Building Attachments: Powder actuated type, drive pin attachments with pullout and shear capacities appropriate for supported loads and building materials; UL listing and FM approval for fire protection systems.
C. Mechanical Anchor Fasteners: Insert-type attachments with pullout and shear capacities appropriate for supported loads and building materials; UL listing and FM approval for fire protection systems.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install piping free of sags and bends.
B. Install fittings for changes in direction and branch connections.
C. Install sleeves for pipes passing through concrete and masonry walls, gypsum board partitions, and concrete floor and roof slabs.
D. Exterior Wall, Pipe Penetrations: Mechanical sleeve seals installed in steel or cast iron pipes for wall sleeves.
E. Fire Barrier Penetrations: Seal pipe penetrations with through-penetration firestop systems.
F. Install unions adjacent to each valve and at final connection to each piece of equipment.
G. Install dielectric unions and flanges to connect piping materials of dissimilar metals in gas piping.
H. Install dielectric coupling and nipple fittings to connect piping materials of dissimilar metals in water piping.
I. Provide full ring escutcheons at plumbing penetrations through walls or ceilings. Tightly seal escutcheons to the adjacent surface.
3.2 HANGERS AND SUPPORTS
A. Install building attachments within concrete or to structural steel. Install additional attachments at concentrated loads, including valves, flanges, guides, strainers, expansion joints, and at changes in direction of piping.
B. Install powder actuated drive pin fasteners in concrete after concrete is cured. Do not use in lightweight concrete or in slabs less than 4 inches thick.
C. Install mechanical anchor fasteners in concrete after concrete is cured. Do not use in lightweight concrete or in slabs less than 4 inches thick.
D. Support fire protection system piping independent of other piping.
E. Load Distribution: Install hangers and supports so piping live and dead loading and stresses from movement will not be transmitted to connected equipment.
END OF SECTION 15055

SECTION 15080 - MECHANICAL INSULATION
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
B. Quality Assurance: Labeled with maximum flame-spread rating of 25 and maximum smoke developed rating of 50 according to ASTM E 84.
PART 2 - PRODUCTS
2.1 PIPE INSULATION
A. Preformed Glass Fiber Pipe Insulation: ASTM C 547, Class 1, with factory applied, all purpose, vapor retarder jacket.
B. Polyolefin Pipe Insulation: Unicellular polyethylene, preformed pipe insulation. Comply with ASTM C 534, Type I, except for density.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install vapor barriers on insulated pipes with surface operating temperatures below 60 deg F.
B. Insulate fittings, valves, and specialties.
C. Seal vapor barrier penetrations for hangers, supports, anchors, and other projections.
D. Coat glass fiber pipe insulation ends with vapor barrier coating.
E. Roof Penetrations: Apply insulation for interior applications to a point even with the top of the roof flashing.
F. Exterior Wall Penetrations: For penetrations of below grade exterior walls, terminate insulation flush with mechanical sleeve seal.
G. Interior Walls and Partitions Penetrations: Apply insulation continuously through walls and partitions, except fire rated walls and partitions.
H. Fire Rated Walls and Partitions Penetrations: Terminate insulation at penetrations through fire rated walls and partitions. Seal around penetration with through penetration firestop systems.
I. Floor Penetrations: Terminate insulation at the underside of the floor assembly and at the floor support at top of floor. Seal around penetration with through penetration firestop systems.
J. Glass Fiber Insulation Installation: Bond insulation to pipe with adhesive. Seal seams and joints with vapor barrier compound.
K. Interior Piping System Applications: Insulate the following piping systems:
1. Domestic cold, hot, and recirculation water pipes.
2. Exposed sanitary drains and water supply pipes for public hand sinks.
3. Refrigerant piping.
L. Do not apply insulation to the following systems, materials, and equipment:
1. Flexible connectors.
2. Fire protection piping systems.
3. Sanitary drainage and vent piping.
4. Chrome plated pipes and fittings, except for plumbing fixtures for the disabled.
5. Piping specialties, including air chambers, unions, strainers, check valves, plug valves, and flow regulators.
M. Pipe Insulation Thickness Application Schedule: Insulate piping with the following materials and thicknesses:
1. Domestic Hot and Recirculation water pipes: 1-inch preformed glass fiber pipe insulation.
2. Domestic Cold Water: 1/2-inch preformed glass fiber pipe insulation.
3. P-Trap and Fixture Supplies for public hand sinks: ADA-compliant pre-formed insulation.
END OF SECTION 15080

SECTION 15110 - VALVES
PART 1 - GENERAL (Not Applicable)
PART 2 - PRODUCTS
2.1 GENERAL DUTY VALVES
A. End Connections: Threads shall comply with ANSI B1.20.1. Flanges shall comply with ANSI B16.1 for cast iron valves and ANSI B16.24 for bronze valves. Solder-joint connections shall comply with ANSI B16.18.
B. Ball Valves: Rated for 150 psig saturated steam pressure, 400 psig WOG pressure; 2 piece construction; with bronze body, standard (or regular) port, chrome plated brass ball, replaceable "Teflon" or "TFE" seats and seals, blowout proof stem, and vinyl covered steel handle.
C. Plug Valves: Rated at 150 psig WOG; bronze body, with straightaway pattern, square head, and threaded ends.
D. Swing Check Valves: Class 125, cast bronze body and cap; with horizontal swing, Y-pattern, and bronze disc.
E. Valves for Copper Tube: Solder ends, except provide threaded ends for heating hot water and low pressure steam service.
F. Valves for Steel Pipe: Threaded ends.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Use gate and ball valves for shutoff duty and ball for throttling duty.
B. Locate valves for easy access and provide separate support where necessary.
C. Install accessible valves for each fixture and item of equipment.
D. Install valves in horizontal piping with stem at or above center of pipe.
E. Install valves in a position to allow full stem movement.
F. Install check valves for proper direction of flow in horizontal position with hinge pin level.
END OF SECTION 15110

SECTION 15140 - DOMESTIC WATER PIPING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Performance Requirements: Unless otherwise indicated minimum pressure requirements for water piping are as follows:
1. Service Entrance Piping: 100 psig.
2. Domestic Water Piping: 80 psig.
B. Comply with NSF 14 "Plastic Piping Components and Materials."
C. Comply with NSF 61 "Drinking Water System Components -- Health Effects."
PART 2 - PRODUCTS
2.1 PIPES AND TUBES (See Material Schedule on sheet P010 for where these materials are to be used)
A. Hard Copper Tube: ASTM B 88, Types L and M, water tube, drawn temper.
2.2 FITTINGS
A. Wrought Copper, Solder Joint Pressure Fittings: ASME B 16.22.
B. Cast Copper Alloy, Solder Joint Pressure Fittings: ASME B 16.18.
C. Bronze Flanges: ASME B 16.24, Classes 150 and 300.
D. Copper Unions: ASME B 16.18, cast copper alloy body, hexagonal stock, with ball and socket joint, metal to metal seating surfaces, and solder joint, threaded, or solder joint and threaded ends. Threads complying with ASME B 1.20.1.
E. Copper and Copper Alloy Press-Connect Pressure FittingsCopper Press Fittings: ASME B16.51
2.3 JOINING MATERIALS
A. Solder Filler Metal: ASTM B 32, lead free.
B. Brazing Filler Metals: AWS A5.8, alloys to suit system requirements.
C. Solvent Cements: As recommended by manufacturer.
D. Plastic Pipe Seals: ASTM F 477, elastomeric gasket.
PART 3 - EXECUTION
3.1 VALVE APPLICATIONS
A. Install gate valves close to main on each branch and riser serving two or more plumbing fixtures or equipment connections and where indicated.
B. Install gate or ball valves on inlet to each plumbing equipment item, on each supply to each plumbing fixture not having stops on supplies, and elsewhere as indicated.
C. Install drain valve at base of each riser, at low points of horizontal runs, and where required to drain water distribution piping system.
D. Install swing check valve on discharge side of each pump and elsewhere as indicated.
E. Install ball valves in each hot water circulating loop and discharge side of each pump.
3.2 PIPING INSTALLATIONS
A. Install hangers and supports at intervals indicated in the applicable plumbing code and as recommended by pipe manufacturer.
B. Support vertical piping at each floor.
3.3 INSPECTING AND CLEANING
A. Inspect and test piping systems following procedures of authorities having jurisdiction.
B. Clean and disinfect water distribution piping following procedures of authorities having jurisdiction.
END OF SECTION 15140

SECTION 15150 - SANITARY WASTE AND VENT PIPING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Minimum Pressure Requirement for Soil, Waste and Vent: 10 feet head.
B. Comply with NSF 14 "Plastic Piping Components and Related Materials".
PART 2 - PRODUCTS
2.1 PIPES AND TUBES
A. PVC Plastic, DWV Pipe: ASTM D 2665, Schedule 40, plain ends.
2.2 FITTINGS
A. PVC Plastic, DWV Pipe Fittings: ASTM D 2665, made to ASTM D 3311; socket type; drain, waste, and vent pipe patterns.
PART 3 - EXECUTION
3.1 PIPING INSTALLATION
A. Install cleanout and extension to grade at connection of building sanitary drain and building sanitary sewer.
B. Locate drainage piping runouts as close as possible to bottom of floor slab supporting fixtures or drains.
3.2 INSPECTION
A. Inspect and test piping systems following procedures of authorities having jurisdiction.
END OF SECTION 15150

SECTION 15198 - NATURAL GAS PIPING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Quality Assurance: Comply with NFPA 54 and the Plumbing Code.
PART 2 - PRODUCTS
2.1 PIPE, TUBE, AND SPECIALTIES
A. Steel Pipe: ASTM A 53, Type S (Seamless), Grade B, Schedule 40, plain ends.
B. Fittings:
a. Malleable Iron Threaded Fittings: ASME B16.3, Class 150.
b. Cold Press Mechanical Joint Fitting System: Viega MegaPress
C. Manual Valves: Comply with standards listed or, if appropriate, to ANSI Z21.15.
D. Gas Stops: AGA certified, bronze-body, plug type with bronze plug, for 2-psig or less natural gas. Include AGA stamp, flat or square head or lever handle, and threaded ends complying with ASME B1.20.1.
E. Gas Valves: 150-psig WOG, cast-iron or bronze body, bronze plug, straightaway pattern, square head, tapered-plug type.
F. Gas Pressure Regulators: ANSI Z21.18, single stage, steel jacketed, corrosion resistant pressure regulators. Include atmospheric vent, elevation compensator. Regulator pressure ratings, inlet and outlet pressures, and flow volume in cubic feet per hour of natural gas at specific gravity are as indicated.
G. Line Gas Pressure Regulators: Inlet pressure rating not less than system pressure.
H. Flexible Connectors: ANSI Z21.24, copper alloy.
I. Strainers: Bronze body, Y-pattern, full size of connecting piping. Include stainless-steel screens with 3/64 inch perforations and a pressure rating of 125-psig- minimum, WOG working pressure.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Close equipment shutoff valves before turning off gas to premises or section of piping. Perform leakage test as specified to determine that all equipment is turned off in affected piping section.
B. Install shutoff valve, downstream from gas meter, outside building at gas service entrance.
C. Install gas stops for shutoff to appliances with NPS 2" or smaller low pressure gas supply.
D. Drips and Sediment Traps: Install drips at points where condensate may collect. Include outlets of gas meters. Locate where readily accessible to permit cleaning and emptying. Do not install where condensate would be subject to freezing.
E. Install gas piping at uniform slope of 0.1 percent upward toward risers.
F. Connect branch piping from top or side of horizontal piping.
G. Install strainers on supply side of each control valve, gas pressure regulator, solenoid valve, and elsewhere as indicated.
H. Install valves in accessible locations, protected from damage.
I. Install gas valve upstream from each gas pressure regulator. Where two gas-pressure regulators are installed in series, valve is not required at second regulator.
J. Connect gas piping to equipment and appliances with shutoff valves and unions. Install gas valve upstream from and within 36 inches of each appliance using gas. Install union or flanged connection downstream from valve.
K. Inspect, test, and purge piping according to NFPA 54, Part 4, "Gas Piping Inspection, Testing, and Purging", and requirements of authorities having jurisdiction.
END OF SECTION 15198

SECTION 15410 - PLUMBING FIXTURES
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
Submittals: None.
A. Comply with requirements of Public Law 102-486, "Energy Policy Act", regarding water flow rate and water consumption of plumbing fixtures.
B. Comply with applicable standards below:
1. Enameled, Cast Iron Fixtures: ASME A112.19.1M.
2. National Sanitation Foundation Construction: NFS2.
3. Porcelain Enameled Fixtures: ASME A112.19.4M.
4. Slip Resistant Bathing Surfaces: ASTM F 462.
5. Stainless Steel Fixtures: ASME A112.19.3M.
6. Vitreous China Fixtures: ASME A112.19.2M.
PART 2 - PRODUCTS
2.1 Refer to the fixture schedule on drawing P600
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install fixtures with flanges and gasket seals.
B. Install flushometer valves for accessible water closets and urinals with handle mounted on wide side of compartment. Install other actuators in locations that are easy for the disabled to reach.
C. Fasten wall hanging plumbing fixtures securely to supports attached to building substrate when supports are specified, and to building wall construction where no support is indicated.
D. Fasten floor mounted fixtures to substrate. With fixtures having holes for securing fixture to wall construction, fasten to reinforcement built into walls.
E. Fasten wall mounted fittings to reinforcement built into walls.
F. Fasten counter mounted plumbing fixtures to casework.
G. Secure supplies to supports or substrate within pipe space behind fixture.
H. Set mop basins in leveling bed of cement grout.
I. Install individual supply inlets, supply stops, supply risers, and tubular brass traps with cleanouts at fixture.
J. Install water supply stop valves in accessible locations.
K. Install traps on fixture outlets. Omit traps on fixtures having integral traps. Omit traps on indirect wastes, unless otherwise indicated or required by the Authority Having Jurisdiction.
L. Install full-ring escutcheons at wall, floor, and ceiling penetrations in exposed, finished locations and within cabinets and millwork. Use deep pattern escutcheons where required to conceal protruding pipe fittings.
M. Install piping connections between plumbing fixtures and piping systems and plumbing equipment. Install insulation on supplies and drains of fixtures for the disabled.
N. Ground equipment. Tighten electrical connectors and terminals according to UL 486A and UL 486B.
END OF SECTION 15410

SECTION 15554 - FLUES AND VENTS
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
PART 2 - PRODUCTS
2.1 GAS VENTS
A. Vent/air intake for high efficiency domestic water heater. Follow manufacturer's recommendations for sizing and material.
B. Accessories: Tees, elbows, increasers, draft hood connectors, metal cap with bird barrier, adjustable roof flashing, storm collar, support assembly, thimbles, firestopping spacers, and fasteners; fabricated of similar materials and designs as vent-pipe straight sections.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install vents according to stipulated minimum clearances from combustibles.
B. Seal between sections of positive pressure vents using only sealants recommended by manufacturer.
C. Support vents at intervals to support the weight of the vent and all accessories, without exceeding loading of appliances.
END OF SECTION 15554

PLUMBING GENERAL NOTES

A GENERAL NOTES APPLY TO PLUMBING SHEETS.
B PLUMBING WORK SHALL BE DONE IN ACCORDANCE WITH THE PLUMBING CODE, LOCAL HEALTH DEPARTMENT STANDARDS, AND THE AUTHORITY HAVING JURISDICTION. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.
C PIPING LAYOUTS ON DRAWINGS ARE SCHEMATIC. EXACT LOCATIONS ARE TO BE COORDINATED WITH THE EXISTING CONDITIONS AND THE WORK OF OTHER TRADES.
D CONCEAL PIPING UNLESS NOTED OTHERWISE. WATER SUPPLY PIPES SHALL BE INSTALLED LEVEL.
E PROVIDE SHUT-OFF VALVES FOR ISOLATION OF FIXTURE GROUPS AS SHOWN ON DRAWINGS IN ADDITION TO STOP VALVES AT EACH FIXTURE.
F PROVIDE STOP VALVES AT FIXTURES.
G PROVIDE TRAP PRIMERS FOR FLOOR DRAINS.
H WHERE THE WATER OR GAS SUPPLY LINE SIZE SHOWN IN THE PLUMBING DIAGRAMS DIFFERS FROM THE FIXTURE OR EQUIPMENT CONNECTION SIZE, PROVIDE LINE SIZE PIPE TO WITHIN 6" OF THE FIXTURE OR EQUIPMENT BEFORE TRANSITIONING TO THE CONNECTION SIZE.
I PIPING IN EXTERIOR WALLS SHALL BE INSTALLED BETWEEN THE INSULATION AND THE INTERIOR WALL FINISHING MATERIAL.
J INSULATE THE HOT AND COLD WATER, CONDENSATE DRAINAGE, AND STORM PIPING PER THE SPECIFICATIONS AND DETAIL 8/P700.
K PROVIDE GAS SHUT-OFF VALVES AT EACH PIECE OF EQUIPMENT. PROVIDE ACCESSIBLE DIRT LEG AT THE BOTTOM OF VERTICAL SECTIONS OF GAS PIPE AND AT THE CONNECTION TO EACH PIECE OF EQUIPMENT.
L PLUMBING FIXTURES, ACCESSORIES, AND MATERIALS PROVIDED FOR DOMESTIC WATER SHALL BE LEAD FREE.
M PRIOR TO TURNOVER PERFORM A VIDEO INSPECTION OF THE SANITARY AND GREASE LINES FROM THE MAIN LINES WITHIN THE TENANT SPACE TO THE MAIN SEWER TO VERIFY THAT THE SANITARY WASTE SYSTEM IS CONNECTED, CLEAN, AND FREE OF SAGS, BELLIES, BREAKS, AND DEBRIS. DELIVER A REPORT AND COPY OF THE VIDEO TO THE TENANT'S CONSTRUCTION MANAGER PRIOR TO TURNOVER.
N THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
O PRIOR TO CONNECTION TO ANY EXISTING SEWER SYSTEM PERFORM A DIE TEST TO VERIFY THE TYPE OF SYSTEM AND THE DIRECTION OF FLOW. REPORT ANY DEVIATION FROM THE CONSTRUCTION DOCUMENTS TO THE TENANT'S CONSTRUCTION MANAGER.
P PROVIDE SANITARY AND GREASE WASTE PIPES AT A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS NOTED OTHERWISE.
Q PERFORM A FLOW TEST ON THE DOMESTIC WATER SERVICE AT POSSESSION. IF THE STATIC WATER PRESSURE IS OVER 80 PSI THEN COORDINATE WITH CHIPOTLE CONSTRUCTION MANAGER TO PROVIDE A PRESSURE REGULATOR (WATTS LFUSB-23 OR EQUAL). PROVIDE RESULTS OF THE FLOW TEST TO THE ENGINEER FOR CONFIRMATION OF ADEQUATE CAPACITY.

PLUMBING SYMBOLS

ELBOW UP
ELBOW DOWN
DOMESTIC COLD WATER
DOMESTIC FILTERED COLD WATER (F)
DOMESTIC SOFTENED COLD WATER (S)
DOMESTIC HOT WATER (110 DEGREES)
DOMESTIC HOT WATER RECIRC.
GAS (G)
GAS (ON ROOF) (G)
SANITARY WASTE
GREASE WASTE (GW)
SANITARY VENT
CONDENSATE DRAIN (CD)
PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING (X)
CONNECT TO EXISTING
REDUCED PRESSURE ZONE BACKFLOW PREVENTER
WATER METER (WM)
GAS METER (GM)
EQUIPMENT TAG: SEE EQUIPMENT SCHEDULE ON SHEET P600 FOR EQUIPMENT INFORMATION (XX-#)
VALVE
SOLENOID-OPERATED VALVE
WALL HYDRANT/ROOF HYDRANT
CHECK VALVE
CIRCUIT-SETTER BALANCE VALVE RATED FOR POTABLE WATER
FLOOR DRAIN
FLOOR SINK
CLEANOUT

PLUMBING ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
(E)	EXISTING
EXT'G	EXISTING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
GCO	GRADE CLEANOUT
CO2AS	TENANT'S CO2 ALARM SUPPLIER
GC	GENERAL CONTRACTOR
HES	TENANT'S HVAC EQUIPMENT SUPPLIER
HS	TENANT'S HOOD SUPPLIER
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
TAB	TENANT'S TEST AND BALANCE VENDOR
TCC	TENANT'S CABLING CONTRACTOR
TDC	TENANT'S DUCT CLEANER
TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
TLS	TENANT'S LIGHT/LAMP SUPPLIER
TMB	TENANT'S MENU BOARD SUPPLIER
TMS	TENANT'S MILLWORK SUPPLIER
TP	TENANT'S PHONE SUPPLIER
TRS	TENANT'S RAILING SUPPLIER
TSV	TENANT'S SIGN VENDOR
TUV	TENANT'S UV SANITIZER SUPPLIER
WCS	TENANT'S WALK-IN COOLER SUPPLIER
WHS	TENANT'S WATER HEATER SUPPLIER

PLUMBING MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
WATER SUPPLY PIPE	ABOVE GRADE	TYPE L COPPER TUBE
NATURAL GAS PIPE	CONCEALED	SCH. 40 STEEL PIPE, MALLEABLE IRON THREADED FITTINGS
	EXPOSED	SCH. 40 STEEL PIPE, MALLEABLE IRON THREADED FITTINGS, PAINTED
SANITARY WASTE & VENT PIPE	ABOVE GROUND, CONCEALED	PVC PLASTIC DWV PIPE AND FITTINGS
	ABOVE GROUND PREP SINK AND WARE WASHING SINK DRAINS	PVC PLASTIC DWV PIPE AND FITTINGS
	ABOVE GROUND HAND SINK DRAINS	BRASS WITH CHROME FINISH
	BELOW GROUND	PVC PLASTIC DWV PIPE AND FITTINGS

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

STATE OF WASHINGTON · JASON T. DECKER · 40036 · REGISTERED PROFESSIONAL ENGINEER

Signed On
10/05/202112:38:21 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:
2 JUL 21 PERMIT SET
8 SEP 21 BID SET

Revisions:
2

Drawn: JLD
Checked: AJJ

Project No.
2102029

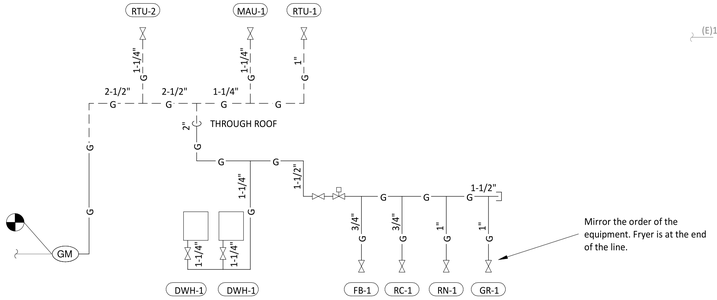
Contents:
PLUMBING SPECIFICATIONS

P010

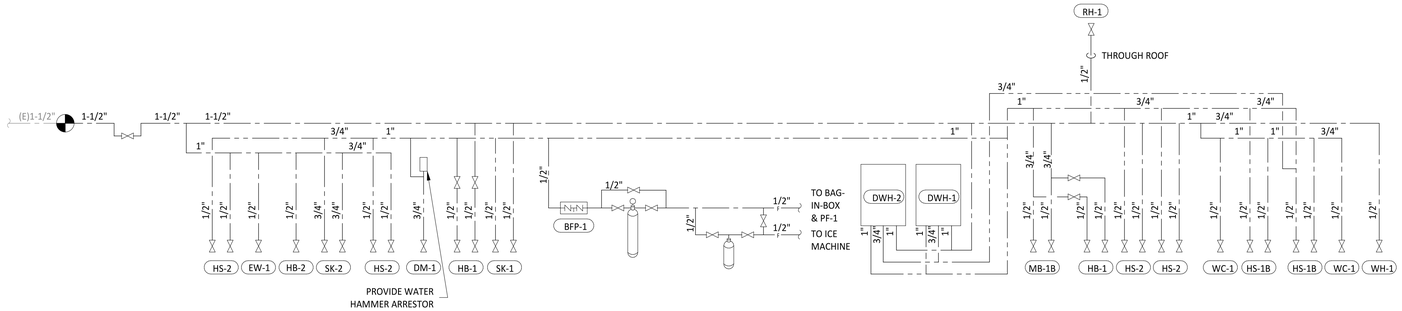
CONNECTED GAS LOAD

FIXTURE	TAG	MBH	EQUIVALENT LENGTH FROM REGULATOR [FT]
WATER HEATER	DWH-1	199	80
WATER HEATER	DWH-2	199	80
FRYER	FB-1	95	92
GRIDDLE	GR-1	107	81
MAKEUP AIR UNIT	MAU-1	85	73
RICE COOKER	RC-1	35	90
RANGE	RN-1	192	87
KITCHEN ROOFTOP UNIT	RTU-1	120	88
DINING ROOM ROOFTOP UNIT	RTU-2	200	52
Grand total		1232	MAX: 92

NOTES:
1. PRESSURE REQUIRED AFTER METER: 7" W.C.
2. DISTANCES ARE APPROXIMATE



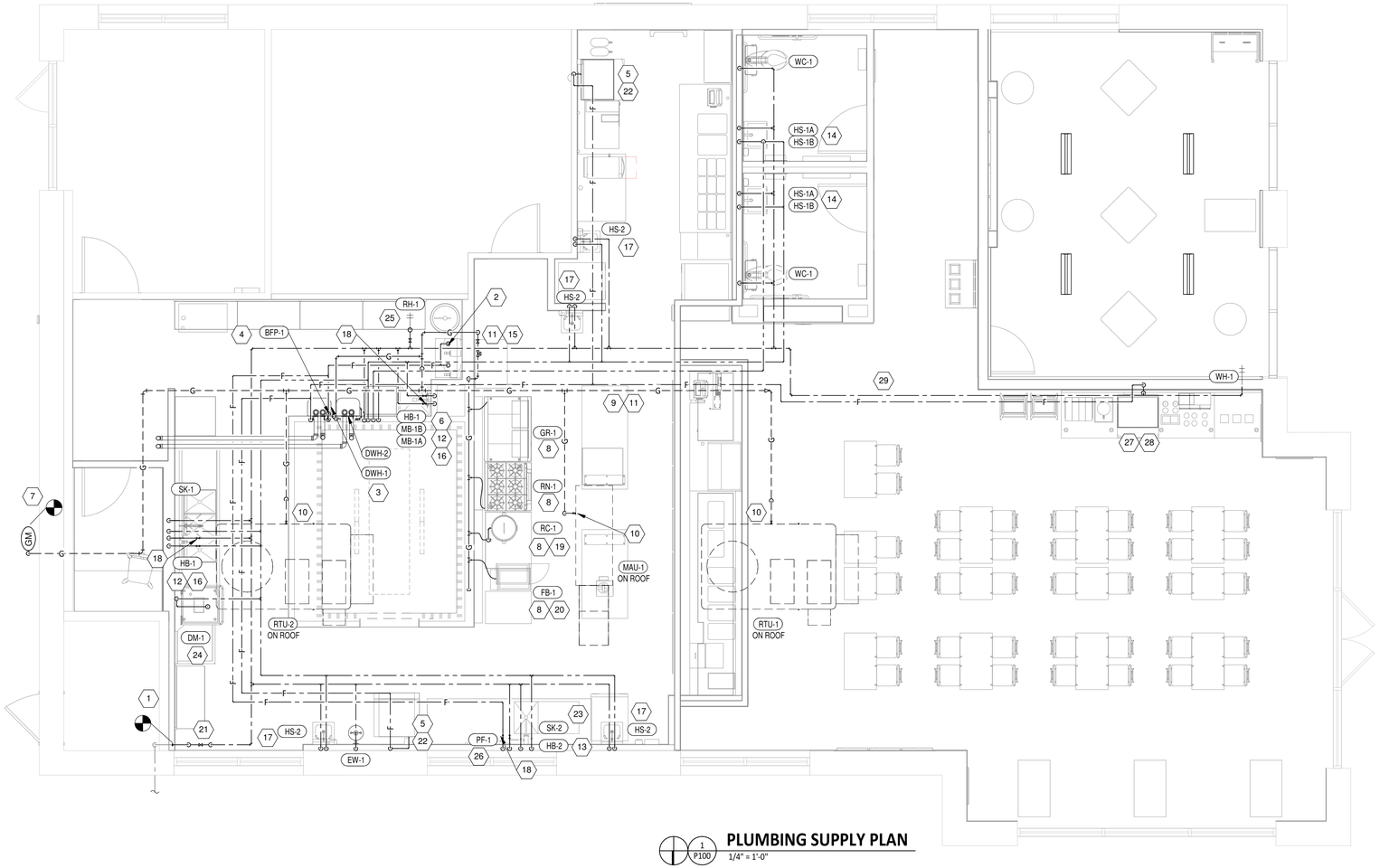
3 P100 **GAS DISTRIBUTION DIAGRAM**
N.T.S.



2 P100 **PLUMBING SUPPLY DIAGRAM**
N.T.S.

PLUMBING SUPPLY PLAN NOTES

1 CONNECT TO THE EXISTING 1-1/2" DOMESTIC WATER SERVICE. WATER METER AND BACKFLOW PREVENTER ARE LOCATED IN RESPECTIVE VAULTS ON THE NORTH SIDE OF THE BUIDLING.
2 PROVIDE 1/2" FILTERED WATER TO THE BAG-IN-BOX SODA CARBONATOR AT 102" AFF. SODA CARBONATOR SHALL HAVE AN INTEGRAL ASSE 1022-RATED CARBONATED BEVERAGE BACKFLOW PREVENTION DEVICE.
3 PROVIDE WATER HEATER DWH-1 AND DWH-2 PER DETAIL 1/P700.
4 PROVIDE WATER FILTERS MOUNTED TO WALL PER DETAIL 11/P700. PROVIDE 1/2" SUPPLY PIPES FROM FILTERS TO ICE MAKER AND SODA CARBONATOR AS SHOWN.
5 PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 56" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
6 PROVIDE DOMESTIC WATER ROUGH-INS FOR THE MOP BASIN FAUCET AT 36" AFF. PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 64" AFF DIRECTLY ABOVE THE MOP BASIN FAUCET. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
7 CONNECT TO THE EXISTING GAS PIPING IN THIS LOCATION. COORDINATE METER SET WITH LOCAL GAS COMPANY.
8 PROVIDE GAS CONNECTIONS TO THE COOKING EQUIPMENT PER DETAIL 7/P700.
9 SUPPORT THE GAS PIPE ON THE ROOF PER DETAIL 5/P700. WOOD BLOCKING IS NOT AN ACCEPTABLE METHOD OF SUPPORTING THE GAS PIPE.
10 PROVIDE ACCESSIBLE LINE-SIZED GAS VALVE, DIRT LEG, AND UNION AT GAS CONNECTION TO THE EQUIPMENT.
11 REFER TO ARCHITECTURAL DRAWINGS FOR PAINTING OF INTERIOR AND EXTERIOR EXPOSED GAS PIPE.
12 PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
13 PROVIDE DOMESTIC WATER ROUGH-INS FOR THE VICTORY WASH DISPENSER FAUCET (HB-2) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
14 PROVIDE ROUGH-INS TO RESTROOM HAND SINKS AS SHOWN IN DETAIL 14/P700.
15 PROVIDE KITCHEN EQUIPMENT GAS SHUTOFF 6" BELOW THE CEILING PER DETAIL 4/P700.
16 CONNECT CHEMICAL DISPENSER TO HB-1. CHEMICAL DISPENSER HAS AN INTEGRAL AIR GAP AS IS SHOWN IN DETAIL 10/P700.
17 PROVIDE ASSE 1016/1070 POINT-OF-USE THERMOSTATIC MIXING VALVE, WATTS LFUSG-B, ON WATER SUPPLY TO KITCHEN HAND SINKS. PROVIDE ANGLE STOP BELOW SINK, FASTEN MIXING VALVE TO WALL, AND MAKE FINAL CONNECTION FROM ANGLE STOPS TO MIXING VALVE AND FROM MIXING VALVE TO FAUCET USING BRAIDED STAINLESS STEEL HOSE. ADJUST MIXING VALVE FOR A DISCHARGE TEMPERATURE OF APPROXIMATELY 110° F.
18 PROVIDE ACCESSIBLE VALVE IN WATER SUPPLY TO FIXTURE AS SHOWN.
19 PROVIDE GAS CONNECTION TO THE RICE COOKER PER DETAIL 6/P700.
20 PROVIDE GAS ROUGH-IN TO FRYER BEHIND RICE COOKER TABLE SO THAT VALVES AND DIRT LEG ARE ACCESSIBLE ONCE FRYER IS SECURED INTO PLACE.
21 PROVIDE AN ACCESSIBLE MAIN DOMESTIC WATER SHUTOFF VALVE ABOVE LAY-IN CEILING AS SHOWN. VALVE SHALL BE 12" ABOVE THE TOP OF THE LAY-IN CEILING. PERMANENTLY INSTALL THE "WATER SHUTOFF" SIGN TO THE CEILING GRID BELOW THE VALVE.
22 INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS.
23 PROVIDE 3/4" DOMESTIC HOT AND COLD WATER ROUGH-INS FOR THE PREP SINK (SK-2) FAUCET AT 24" AFF TO ALLOW FOR THE VICTORY WASH CHEMICAL DOCK TO BE INSTALLED DIRECTLY BELOW THE PREP SINK BASIN.
24 PROVIDE 3/4" HOT WATER TO THE DISH MACHINE, MAKING FINAL CONNECTION USING 3/4" COPPER PIPE ONCE DISH MACHINE IS IN ITS FINAL LOCATION (FLEXIBLE CONNECTION IS NOT ACCEPTABLE). PROVIDE WATER HAMMER ARRESTOR ON HOT WATER LINE. PROVIDE AN ACCESSABLE SHUTOFF VALVE AND UNION BELOW THE DISH MACHINE AND INSTALL THE STRAINER AND PRESSURE REDUCING VALVE FURNISHED WITH THE DISH MACHINE IN AN ACCESSIBLE LOCATION AT THE CONNECTION TO THE UNIT.
25 PROVIDE ROOF HYDRANT RH-1 WITH BOTTOM OF NOZZLE INSTALLED 24" ABOVE THE BOTTOM OF ROOF DECK. PROVIDE ACCESSIBLE ISOLATION VALVE IN WATER SUPPLY TO ROOF HYDRANT. SUPPORT ROOF HYDRANT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
26 PROVIDE FILTERED DOMESTIC WATER ROUGH-INS FOR THE SPEED FILL POT FILLER FAUCET (PF-1) AT 40" AFF. SEE ARCHITECTURAL ELEVATION FOR DETAIL.
27 PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 24" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
28 INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS. LOCATE IMSB BELOW UTENSIL COUNTER IN A LOCATION THAT DOES NOT INTERFERE WITH THE ROLLING RACK BELOW THE UTENSIL COUNTER.
29 HOLD EXPOSED DOMESTIC WATER PIPES TIGHT TO THE DECK. PAINT THE PIPE INSULATION TO MATCH THE ROOF DECK.



1 P100 **PLUMBING SUPPLY PLAN**
1/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:21 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

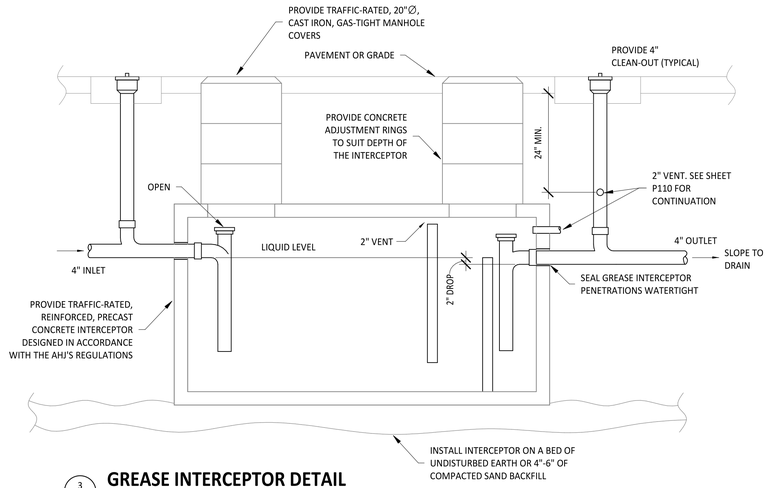
Revisions:

Drawn: JLD
Checked: AJJ

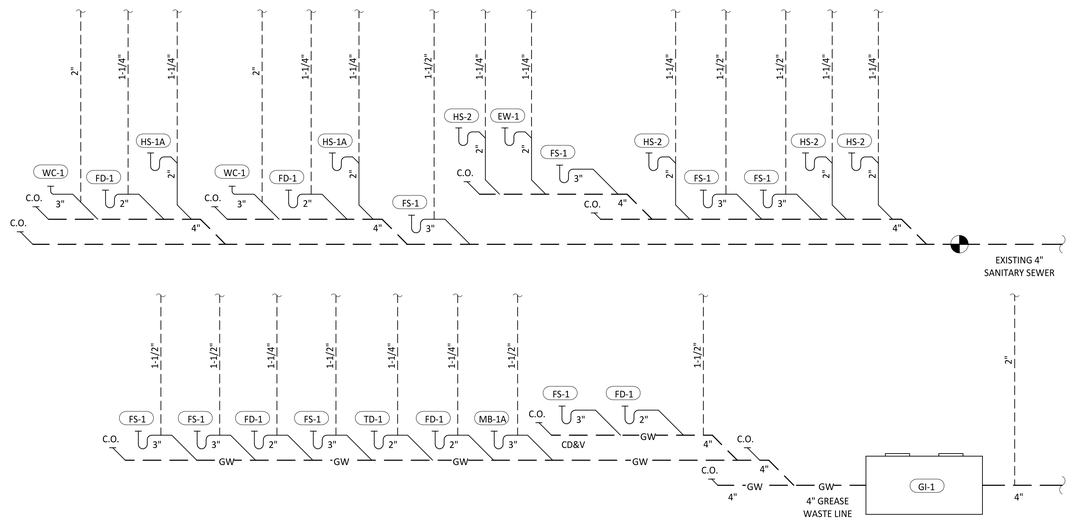
Project No.
2102029

Contents:
PLUMBING PLAN
WATER & GAS

P100



3 P110 **GREASE INTERCEPTOR DETAIL**
N.T.S.



2 P110 **SANITARY WASTE & VENT DIAGRAM**
N.T.S.

GREASE INTERCEPTOR SIZING

FIXTURE	QTY.	DFU EA.	DFU TOTAL
FLOOR SINK (3")	4	6	24
MOP SINK	1	3	3
FLOOR/TRENCH DRAIN	4	2	8
TOTAL			35
MINIMUM REQUIRED GREASE INTERCEPTOR CAPACITY			1,000 GALLONS
PROPOSED GREASE INTERCEPTOR CAPACITY			1,000 GALLONS

NOTES:
1. DRAINAGE FIXTURE UNIT VALUES BASED ON TABLES 702.1 & 702.2(1) IN THE 2018 WASHINGTON PLUMBING CODE.
2. REQUIRED GREASE INTERCEPTOR CAPACITY BASED ON TABLE 1014.3.6 IN THE 2018 WASHINGTON PLUMBING CODE.

PLUMBING WASTE AND VENT PLAN NOTES

1 PROVIDE 3/4" CONDENSATE DRAIN FROM THE WALK-IN COOLER EVAPORATOR TO THE FLOOR SINK BELOW THE ICE MAKER AS SHOWN. SLOPE CONDENSATE DRAIN A MINIMUM OF 1" PER FOOT. HOLD EXPOSED CONDENSATE DRAIN IN WALK-IN COOLER AS HIGH AS POSSIBLE. CONCEAL DRAIN PIPING WITHIN FRAMED WALLS AS SHOWN. DISCHARGE THROUGH AN AIR GAP. MAKE FINAL CONNECTION TO EVAPORATOR INSIDE WALK-IN COOLER USING A UNION. CONDENSATE DRAIN SHOULD PENETRATE WALL BEHIND ICE MAKER AT 8" AFF AND BE SECURED TO FLOOR UNDER ICE MAKER.

2 PROVIDE DRAIN CONNECTIONS TO THE THREE COMPARTMENT SINK PER DETAIL 2/P700.

3 PROVIDE A 6" SCHEDULE 40 PVC CONDUIT SODA LINE SLEEVE UNDER THE SLAB FROM THE BAG-IN-BOX RACK TO THE SODA FOUNTAIN PER DETAIL 12/P700. SEE THE ARCHITECTURAL FLOOR PLAN FOR THE LOCATIONS OF THESE STUBS.

4 PROVIDE PVC DRAIN PIPES FROM THE ICE MACHINE TO THE FLOOR SINK PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE A CODE-APPROVED AIR GAP AT THE DISCHARGE TO THE FLOOR SINK. SECURE ICE MAKER DRAIN PIPES TO THE BOTTOM OF THE ICE MAKER.

5 PROVIDE DRAIN LINES FROM THE FOOD PREP SINK TO THE FLOOR SINK. PROVIDE AN AIR GAP AT THE DISCHARGE TO THE FLOOR SINK.

6 CONNECT TO EXISTING 3" VENT THROUGH THE ROOF.

7 PROVIDE NEW 4" GREASE WASTE LINE LEADING TO A DEDICATED 1,000 GALLON INTERCEPTOR.

8 CONNECT TO EXISTING 4" SANITARY SEWER. FIELD VERIFY POINT OF CONNECTION PRIOR TO START OF WORK.

9 PROVIDE 3/4" VALVED DRAIN FROM HOT FOOD TABLE TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP.

10 PROVIDE INSULATED COPPER DRAIN LINES FROM THE TEA TRAY DRAIN AND THE SODA MACHINE DRAIN TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP. HOLD TEA TRAY DRAIN AS HIGH AS POSSIBLE AND SECURE TO STRUCTURE BELOW THE UTENSIL COUNTER.

11 PROVIDE TRENCH DRAIN AS SHOWN IN DETAIL 15/P700. TRIM TRENCH DRAIN ENDS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION SO THAT GRATE FITS WITHOUT GAPS. INSTALL TRENCH DRAIN WITH SLIGHT POSITIVE SLOPE TOWARD THE DRAIN CONNECTION TO AVOID STANDING WATER IN TRENCH DRAIN.

12 DO NOT PROVIDE WALL CLEANOUTS ON TILE OR PUBLICLY-VISIBLE WALLS. IF A WALL CLEANOUT IS REQUIRED ON THESE SURFACE COORDINATE THE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER.

13 PROVIDE INDIRECT WASTE AND CONDENSATE DRAINS FROM FIXTURES OTHER THAN KITCHEN SINKS CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.

14 PROVIDE DRAIN FROM WATER FILTER BFP TO FLOOR SINK CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.

15 INSTALL DRAIN HOSE FURNISHED WITH DISH MACHINE FROM DISH MACHINE OUTLET TO FLOOR SINK. HOLD DRAIN HOSE TIGHT TO WALL AND SECURE TO 3-COMP SINK DRAIN TO MAINTAIN AN AIR GAP AT THE FLOOR SINK.

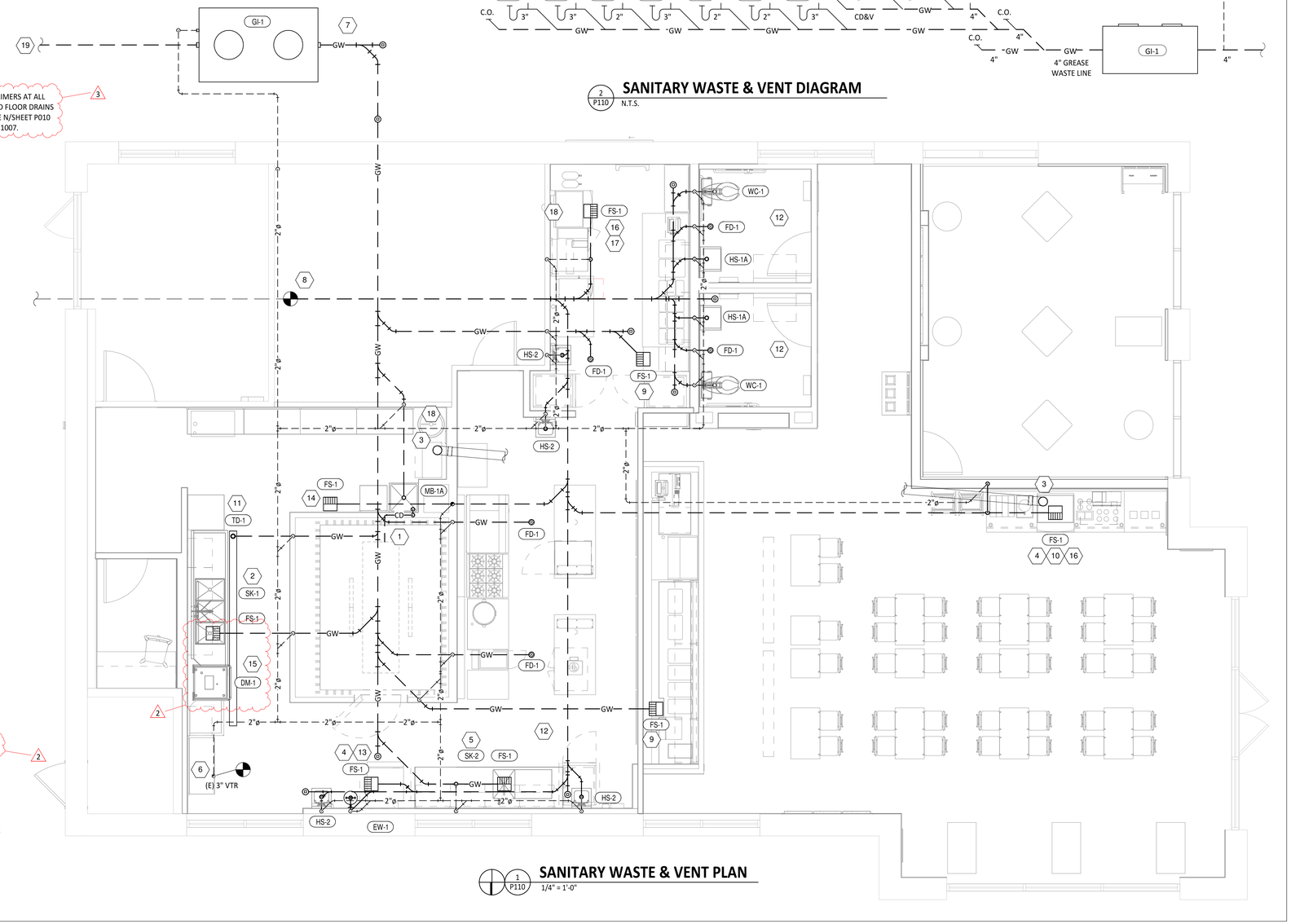
16 PROVIDE 3/4" PVC DRAIN PIPE FROM THE ICE MACHINE TO THE FLOOR SINK PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE A CODE-APPROVED AIR GAP AT THE DISCHARGE TO THE FLOOR SINK.

17 PROVIDE INSULATED COPPER DRAIN LINES FROM THE TEA TRAY DRAIN AND THE SODA MACHINE DRAIN AT THE PICKUP WINDOW TO THE FLOOR SINK BELOW. ROUTE DRAIN LINES AROUND SHELVING BELOW, NOT THROUGH. DRAIN THROUGH AN AIR GAP.

18 PROVIDE A 6" SCHEDULE 40 PVC CONDUIT SODA LINE SLEEVE OVERHEAD FROM THE BAG-IN-BOX RACK TO THE SODA FOUNTAIN. TRANSITION TO 4" PIPE WITHIN THE WALL TO CONNECT TO DRYER BOX. SEE THE ARCHITECTURAL DRAWNGS FOR DRYER BOX INFORMATION.

19 EXTEND SANITARY PIPING TO DRIVE AISLE BETWEEN CHIPOTLE AND APPLEBEES AND TIE INTO EXISTING SANITARY PIPING IN DRIVE AISLE. COORDINATE ROUTING WITH EXISTING CONDITIONS AND LL.

PROVIDE TRAP PRIMERS AT ALL INFREQUENTLY USED FLOOR DRAINS PER GENERAL NOTE N/SHEET P010 AND UPC 1007.



1 P110 **SANITARY WASTE & VENT PLAN**
1/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com
Signed On
10/05/202112:38:21 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:
2 JUL 21 PERMIT SET
8 SEP 21 BID SET

Revisions:
2 8 SEP 21 CLEINT REVISION
3 21 SEP 21 CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
PLUMBING PLAN
WASTE & VENT

P110

PLUMBING FIXTURE SCHEDULE (UPC)

TAG	FIXTURE	FURN. BY	INST. BY	MANUFACTURER	MODEL	DESCRIPTION	QUANTITY	CONNECTION SIZES			FIXTURE UNITS (EACH)		FIXTURE UNITS (TOTAL)	
								CW	HW	WASTE	WATER	SAN	WATER	SAN
BFP-1	RPZ BACKFLOW PREVENTER	GC	GC	CONBRACO	4ALF-203-T2F	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE	1	1/2"			1		0	0
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)	KES	GC	SEE ARCH	--	CHEMICAL SANITIZING DISH MACHINE WITH INTEGRAL ELECTRIC BOOSTER HEATER AND PUMPED OUTLET	1		3/4"	5/8"	1	0	1	0
ET-1	EXPANSION TANK	GC	GC	AMTROL	ST-5	2 GALLON CAPACITY	1	3/4"			0	0	0	0
EW-1	EYE WASH STATION	GC	GC	GUARDIAN EQUIPMENT	G1781	STAINLESS STEEL. WALL-MOUNT EYE/FACE WASH STATION	1	1/2"		1 1/2"	1	0	2	0
FD-1	FLOOR DRAIN	GC	GC	SIOUX CHIEF	842-2-PNR	ADJUSTABLE FLOOR DRAIN, ROUND POLISHED METAL RING AND STRAINER	5			2"		2	0	10
FS-1	FLOOR SINK	GC	GC	SIOUX CHIEF	861-3PU2	HEAVY DUTY PVC FLOOR SINK WITH ALUMINUM DOME BOTTOM STRAINER AND OPEN HALF PVC GRATE	8			3"		5	0	40
GI-1	GREASE INTERCEPTOR	GC	GC	CUSTOM	--	1,000 GALLON PRECAST GREASE INTERCEPTOR	1			4"			0	0
HB-1	HOSE BIBB	KES	GC	T&S	B-2345-01-XX	COMMERCIAL QUALITY HOT & COLD MIXING WALL HYDRANT. SUPPLY ARMS SHALL HAVE INTEGRAL SHUT-OFF STOP AND CHECK VALVE.	2	1/2"	1/2"		1	0	2	0
HB-2	HOSE BIBB	KES	GC	T&S	B-0730	SILL FAUCET WITH 1/2" NPT FEMALE INLET AND 3/4" GARDEN HOSE THREADED OUTLET.	1	1/2"			2.5	0	2.5	0
HS-1A	RESTROOM HAND SINK	GC	GC	KOHLER	K-2084	ADA-ACCESSIBLE, WALL-MOUNTED, PORCELAIN LAVATORY. PROVIDE ZURN Z1231 (Z1231-D FOR BACK-TO-BACK APPLICATIONS) CONCEALED ARM CARRIER IN WALL.	2	0"	0"	2"	0	1	0	2
HS-1B	RESTROOM HAND SINK FAUCET	KES	GC	FURNISHED BY KES	--	PLUG-IN AUTOMATIC FAUCET WITH 0.5 GPM AERATOR AND THERMOSTATIC MIXING VALVE. ADJUST FAUCET CONTROLS FOR 10 SECOND SHUTOFF DELAY AND 30 SECOND TIME-OUT DELAY.	2	1/2"	1/2"	0"	1	0	2	0
HS-2	KITCHEN HAND SINK	KES	GC	FURNISHED BY KES	--	STAINLESS STEEL SINK WITH WALL MOUNTING BRACKET AND BACKSPLASH MOUNTED FAUCET WITH SWIVEL GOOSENECK	4	1/2"	1/2"	2"	1	1	4	4
MB-1A	MOP BASIN	GC	GC	FIAT	MSB2424	PROVIDE 24"x24"x10" MOLDED-STONE MOP BASIN. INSTALL MOP BASIN IN A BED OF GROUT SO THERE ARE NO VOIDS BETWEEN THE MOP BASIN AND THE SLAB.	1	0"	0"	3"	0	3	0	3
MB-1B	MOP BASIN FAUCET	KES	GC	FURNISHED BY KES	--	SERVICE SINK FAUCET WITH BUILT IN STOPS, LEVER HANDLES, AND WALL BRACE.	1	1/2"	1/2"	0"	1.5	0	1.5	0
PF-1	POT FILLER	KES	GC	FURNISHED BY KES	--	WALL-MOUNTED POT FILLER W/ SELF-CLOSING FILLER VALVE AND 3/8" NPT FEMALE INLET	1	1/2"			1		1	0
RH-1	FREEZE PROOF ROOF HYDRANT	GC	GC	HOEPTNER	2131R	AUTOMATIC DRAINING, FREEZELESS ROOF HYDRANT WITH ANTI-SIPHON VACUUM BREAKER HOEPTNER PRODUCTS (408) 847-7615	1	3/4"			1		1	0
SK-1	THREE COMPARTMENT SINK	KES	GC	FURNISHED BY KES	--	THREE-COMPARTMENT WARE-WASHING SINK FURNISHED WITH (1) PRE-RINSE UNIT WITH ADD-ON FAUCET	1	1/2"	1/2"	2"	4	5	4	5
SK-2	PREP SINK	KES	GC	FURNISHED BY KES	--	STAINLESS STEEL PREP TABLE WITH INTEGRAL PREP SINK. FURNISHED WITH "BIG FLO" FAUCET	1	3/4"	3/4"	2"	2	0	2	0
TD-1	TRENCH DRAIN	GC	GC	ZURN	Z886 8601 8602	6" X 160" HDPE TRENCH DRAIN (SLOPED FROM 3.50" TO 4.70") WITH (2) CLOSED END CAPS, (1) 4" NO-HUB BOTTOM OUTLET, AND CLASS-A HEEL-PROOF POLYETHYLENE GRATES. SEE DETAIL 12/P700 FOR REDUCTION TO 2" DRAIN CONNECTION.	1			2"	0	2	0	2
WC-1	WATER CLOSET	GC	GC	KOHLER	K-3519 W/ SEAT K-4666-C	WHITE HIGHLINE 1.0 GPF, 17-1/8"-HIGH, ADA ACCESSIBLE, PRESSURE ASSIST WATER CLOSET WITH OPEN-FRONT SEAT. INSTALL TRIP LEVER ON THE TANK TO THE OPEN SIDE OF THE STALL (ADD -RA TO THE MODEL # FOR RIGHT HAND TRIP LEVER).	2	1/2"		3"	2.5	4	5	8
WH-1	FROST PROOF WALL HYDRANT	GC	GC	WOODFORD	MODEL 65	AUTOMATIC DRAINING, FREEZELESS WALL HYDRANT WITH ANTI-SIPHON VACUUM BREAKER. PROVIDE WITH STEM LONG ENOUGH TO REACH INSIDE THE THERMAL ENVELOPE OF THE BUILDING.	1	3/4"			1		1	0
							39						29	74

WATER HEATER SCHEDULE - INSTANTANEOUS

TAG	DESCRIPTION	FURN. BY	INST. BY	MANUFACTURER	MODEL	INPUT MBH	DELIVERY	NOTES
DWH-1	DIRECT VENT GAS-FIRED INSTANTANEOUS WATER HEATER	GC	GC	NAVIEN	NPE-240A2	199	354 GPH @ 65° RISE	PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIEN AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIEN.COM TO LOCATE AUTHORIZED DISTRIBUTOR) USING CHIPOTLE'S NEGOTIATED RATE.
DWH-2	DIRECT VENT GAS-FIRED INSTANTANEOUS WATER HEATER	GC	GC	NAVIEN	NPE-240A2	199	354 GPH @ 65° RISE	PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIEN AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIEN.COM TO LOCATE AUTHORIZED DISTRIBUTOR) USING CHIPOTLE'S NEGOTIATED RATE.

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:21 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:
2 JUL 21 PERMIT SET
8 SEP 21 BID SET

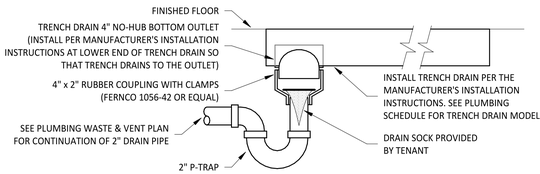
Revisions:
2 8 SEP 21 CLEINT REVISION

Drawn: JLD
Checked: AJJ

Project No.
2102029

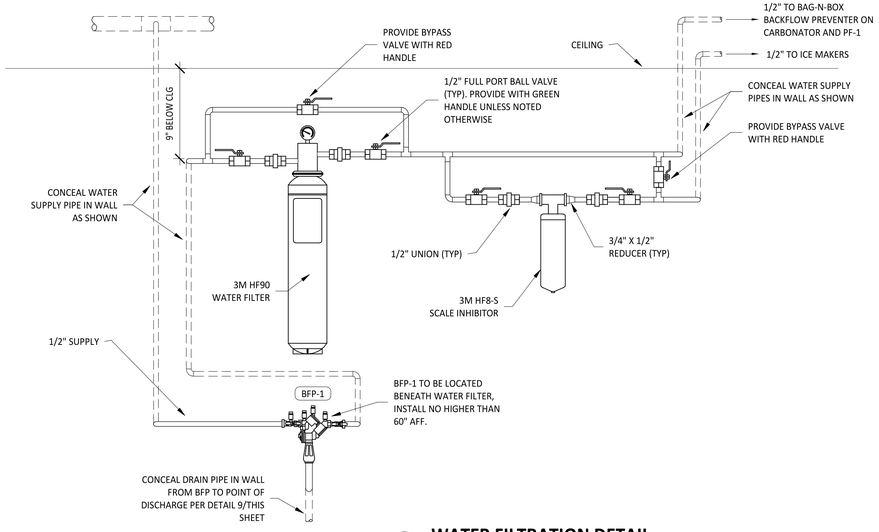
Contents:
PLUMBING SCHEDULES

P600



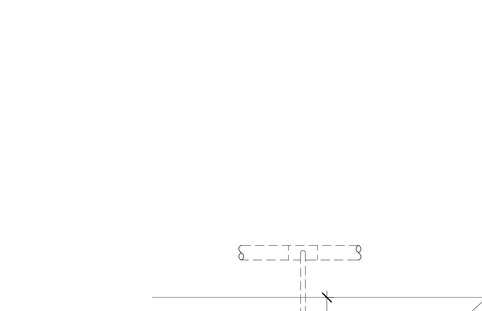
15 P700 N.T.S.

TRENCH DRAIN DETAIL



WATER FILTRATION DETAIL

11 P700 N.T.S.



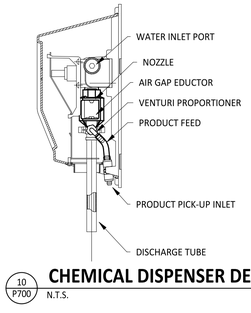
ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT ACTUAL CONDITIONS. MAKE FINAL CONNECTION TO EQUIPMENT AS RECOMMENDED BY MANUFACTURER. PROVIDE WELDED FITTINGS/JOINTS IN ANY CONCEALED, UNSLEEVED LOCATION.

7 P700 N.T.S.

KITCHEN GAS EQUIPMENT DETAIL

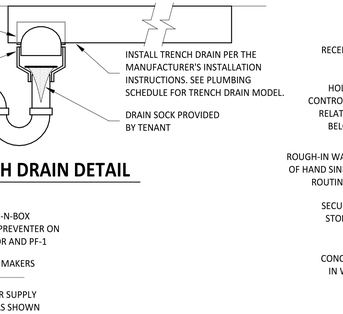
6 P700 N.T.S.

RICE COOKER GAS CONNECTION DETAIL



10 P700 N.T.S.

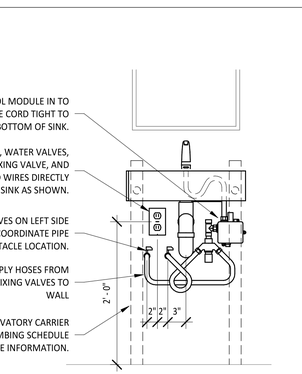
CHEMICAL DISPENSER DETAIL



PROVIDE PIPE STANDS AS SHOWN FOR STEEL PIPE FROM 1/2" TO 1-1/2" DIAMETER. SUPPORT SPACING FOR PIPE SIZE: 1/2"=6'; 3/4"-1"=8'; 1 1/4" AND LARGER=10'; PROVIDE DECK PLATES ON ROOFING AND SET PIPE STAND FREE ON DECK PLATES. STACK PIPE STAND WHERE REQUIRED TO ELEVATE PIPING. INSTALL GAS PIPE TO ALLOW FOR EXPANSION AND CONTRACTION.

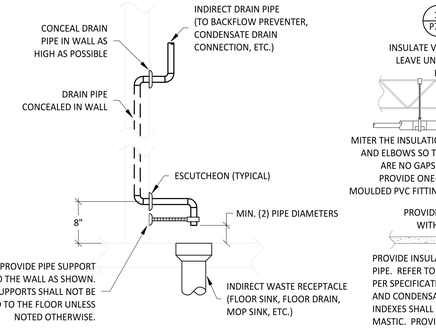
5 P700 N.T.S.

ROOFTOP PIPING SUPPORT



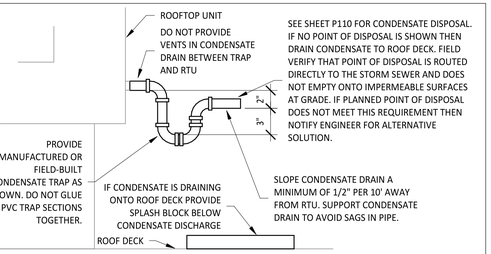
14 P700 N.T.S.

RESTROOM HAND SINK DETAIL



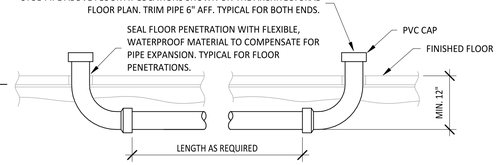
9 P700 N.T.S.

INDIRECT WASTE PIPING DETAIL



13 P700 N.T.S.

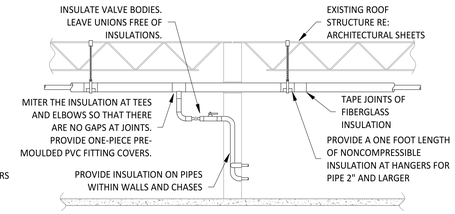
RTU CONDENSATE TRAP DETAIL



PROVIDE SIX INCH SCHEDULE 40 PVC ELECTRICAL CONDUIT AND FITTINGS WITH SOLVENT-WELDED JOINTS. USE MINIMUM QUANTITY OF FITTINGS. PROVIDE LONG SWEEP ELBOWS AT BOTH ENDS, WITH MINIMUM 16 INCH RADIUS. AVOID ELBOWS IN HORIZONTAL RUN. SEAL ENDS OF CONDUIT WITH FOAM AFTER SYRUP LINE IS INSTALLED IN CONDUIT. INSTALL PVC CAP WITH HOLE FOR SODA LINES ON EACH END OF THE CONDUIT. SEAL HOLE IN PVC CAP AROUND SODA BUNDLE.

12 P700 N.T.S.

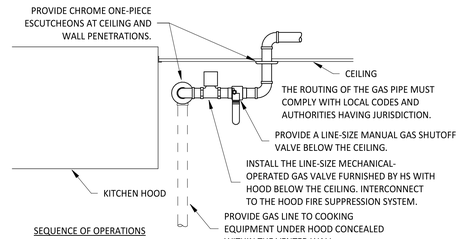
SODA CONDUIT DETAIL



PROVIDE INSULATION ON INTERIOR COLD AND HOT WATER PIPING, CONDENSATE DRAIN PIPE, AND STORM PIPE. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING INSULATION. INSTALL ITEMS PER SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS. MAINTAIN VAPOR BARRIER ON COLD WATER AND CONDENSATE PIPING BY MEANS OF SEALANT AND TAPE. FLAME SPREAD AND SMOKE-DEVELOPED INDEXES SHALL NOT EXCEED 25/50. SEAL EXPOSED ENDS OF FIBERGLASS INSULATION WITH ADHESIVE MASTIC. PROVIDE PREFORMED GLASS FIBER PIPE INSULATION WITH PRE-MOLDED PVC JACKETS, SLEEVES, AND FITTING COVERS ON EXPOSED WATER PIPE SO THAT EXPOSED WATER PIPE IS COVERED ENTIRELY WITH PVC INSULATION COVERS.

8 P700 N.T.S.

PIPE INSULATION DETAIL

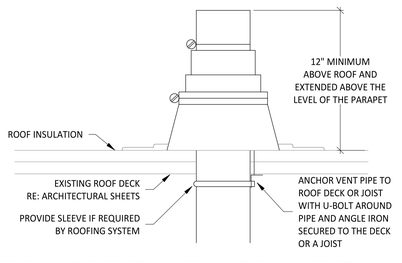


SEQUENCE OF OPERATIONS
NORMAL MODE:
- DURING NORMAL OPERATION THE GAS SHUT-OFF VALVE SHALL BE OPEN.

EMERGENCY MODE:
- UPON ACTUATION OF THE HOOD FIRE SUPPRESSION SYSTEM THE GAS SHUT-OFF VALVE SHALL CLOSE.

4 P700 N.T.S.

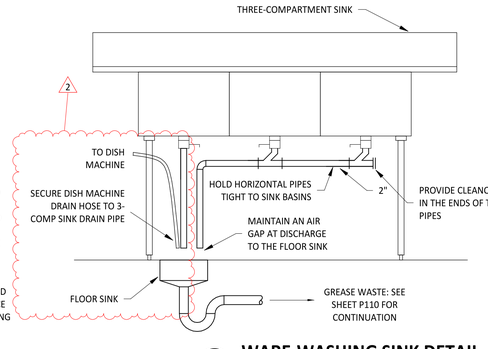
KITCHEN GAS SHUTOFF DETAIL



REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, AND ONE FOOT FROM ANY VERTICAL SURFACE. PROVIDE 1" FIBERGLASS INSULATION WITH ALL-SERVICE JACKET ON VENT PIPE INSIDE BUILDING WITHIN SIX FEET OF VENT THRU ROOF LOCATION. FLASHING AND COUNTER FLASHING ARE TO BE COMPATIBLE WITH THE ROOFING SYSTEM.

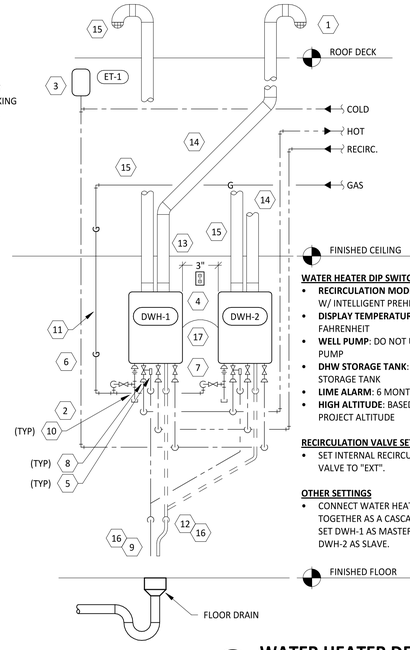
3 P700 N.T.S.

VENT THROUGH ROOF



2 P700 N.T.S.

WARE-WASHING SINK DETAIL



1XXXX P700 N.T.S.

WATER HEATER DETAIL

WATER HEATER DIP SWITCH SETTINGS
- **RECIRCULATION MODE**: INTERNAL W/ INTELLIGENT PREHEATING
- **DISPLAY TEMPERATURE** UNIT: FAHRENHEIT
- **WELL PUMP**: DO NOT USE WELL PUMP
- **DHW STORAGE TANK**: DO NOT USE STORAGE TANK
- **LINE ALARM**: 6 MONTH ALERT
- **HIGH ALTITUDE**: BASED ON PROJECT ALTITUDE

RECIRCULATION VALVE SETTING
- SET INTERNAL RECIRCULATION VALVE TO "EXT".

OTHER SETTINGS
- CONNECT WATER HEATERS TOGETHER AS A CASCADE SYSTEM. SET DWH-1 AS MASTER AND DWH-2 AS SLAVE.

WATER HEATER DETAIL NOTES
1. PROVIDE TWO 90° ELBOWS AND A SCREEN FOR THE FLUE TERMINATION THROUGH THE ROOF PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ROUGH-IN COLD, HOT, AND RECIRC PIPES AT 64" AND GAS PIPE AT 61" BELOW THE FINISHED CEILING.
3. PROVIDE EXPANSION TANK ET-1 AS SHOWN. SUPPORT TANK FROM WALL OR STRUCTURE ABOVE.
4. PROVIDE WATER HEATER RECEPTACLE WITHIN 12" OF THE FINISHED CEILING. FASTEN CORD TIGHT TO THE WALL.
5. PROVIDE PRESSURE RELIEF VALVE. PIPE PRESSURE RELIEF VALVE TO POINT OF DISCHARGE.
6. CONCEAL WATER PIPING WITHIN THE WALL AS SHOWN. INSULATE EXPOSED AND CONCEALED WATER PIPING TO WITHIN 3" OF THE WATER HEATER.
7. INTALL "PLUMB EASY VALVE SET" EXPOSED AT THE COLD AND HOT WATER CONNECTIONS TO THE WATER HEATER AS SHOWN.
8. IF THE PIPE SIZES AS SHOWN ON THE PLUMBING PLANS IS LARGER THAN THE WATER HEATER CONNECTIONS SIZES, PROVIDE REDUCERS WITHIN 6" OF THE WATER HEATER.
9. PIPE PRESSURE RELIEF VALVE DISCHARGE AND FLUE CONDENSATE DRAIN TO THE POINT OF DISCHARGE. DRAIN THROUGH AN AIR GAP.
10. PROVIDE AN EXPOSED DRIP LEG AND LINE-SIZE GAS VALVE ON THE GAS SERVICE TO THE WATER HEATER.
11. CONCEAL GAS PIPING IN THE WALL AS SHOWN.
12. PROVIDE 1/2" PVC PIPE FROM THE FLUE CONDENSATE CONNECTION TO THE FLOOR DRAIN OR MOP BASIN. DRAIN THROUGH AN AIR GAP.
13. INSTALL THE TANKLESS WATER HEATER WITH THE TOP OF THE WATER HEATER WITHIN 12" OF THE FINISHED CEILING.
14. PROVIDE A 2"Ø PVC PIPE FROM THE TANKLESS WATER HEATER TO THE POINT OF DISCHARGE. SLOPE HORIZONTAL SECTION OF THE FLUE 1/4" PER FOOT TOWARDS THE WATER HEATER.
15. PROVIDE A SCREENED AIR INTAKE WITH TWO 90° ELBOWS ABOVE THE ROOF PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
16. CONCEAL DRAIN LINES IN WALL PER DETAIL 9/THIS SHEET.
17. PROVIDE COMMUNICATION CABLE CONCEALED IN WALL BETWEEN WATER HEATERS.

WATER HEATER GENERAL NOTES
A. CLEAN INLET STRAINERS AFTER CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO TURNOVER OF THE BUILDING TO THE TENANT.
B. INSTALL PIPING WITH AS FEW ELBOWS AS POSSIBLE.
C. MAINTAIN REQUIRED CLEARANCE TO COMBUSTIBLE MATERIALS.
D. ADJUST WATER HEATER TO A SETPOINT OF 120° F.

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com
JASON T. DECKER STATE OF WASHINGTON 40036 REGISTERED PROFESSIONAL ENGINEER
Signed On 10/05/202112:38:22 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

2	8 SEP 21	CLEINT REVISION

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
PLUMBING DETAILS

P700

SECTION 16011 TEMPORARY & PERMANENT ELECTRICAL SERVICE
PART 1 GENERAL
1.1 DEFINITIONS
A. GFCI: Ground fault current interrupter.
B. RMS: Root Mean Square
C. SPDT: Single Pole, Double Throw
1.2 USE CHARGES
A. General: Cost or use charges for temporary facilities are not chargeable to Tenant, Architect, or Engineer and shall be included in the Contract Sum. Allow other entities to use temporary services and facilities without cost, including, but not limited to, the following:
1. Tenant's construction forces.
2. Occupants of Project.
3. Architect.
4. Engineer.
5. Testing agencies.
6. Personnel of authorities having jurisdiction.
B. Permanent Service: Coordinate with building Tenant and utility company to establish permanent service upon completion of the project. Contractor shall pay for all permits, aid-to-construction charges, and related fees associated with the new service.
1.3 NOTIFICATION
A. Coordinate with Tenant to provide 72 hour written notification to other tenants of any power interruptions. Notification shall state the estimated time and duration of the electrical outage.
1.4 QUALITY ASSURANCE
A. Standards: Comply with ANSI A10.6, NECA's 'Temporary Electrical Facilities," and NFPA 241.
1. Trade Jurisdictions: Assigned responsibilities for installation and operation of temporary utilities are not intended to interfere with trade regulations and union jurisdictions.
2. Electric Service: Comply with NECA, NEMA and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.
3. Comply with OSHA standards and regulations.
PART 2 PRODUCTS
2.1 MATERIALS
A. Electrical Outlets: Properly configured, NEMA-polarized outlets to prevent insertion of 110- to 120-V plugs into higher-voltage outlets; equipped with ground-fault circuit interrupters, reset button, and pilot light.
B. Power Distribution System Circuits: Where permitted and overhead and exposed for surveillance, wiring circuits, not exceeding 125-V ac, 20-A rating, and lighting circuits may be nonmetallic sheathed cable.
C. Main panelboard with disconnect.
D. Temporary lighting.
E. 120 volt receptacles with overcurrent protection.
F. Enclosures. NEMA AB 1 and NEMA KS 1 to meet environmental conditions of installed location.
1. Outdoor Locations: NEMA 250, Type 3R.
PART 3 EXECUTION
3.1 INSTALLATION
A. Electric Power Service: Provide weatherproof, grounded electric power service and distribution system of sufficient size, capacity, and power characteristics during construction period. Include meters, transformers, and overload-protected disconnecting means.
1. Install power distribution wiring overhead and rise vertically where least exposed to damage.
B. Electric Distribution: Provide receptacle outlets adequate for connection of power tools and equipment.
1. Provide waterproof connectors to connect separate lengths of electrical power cords if single lengths will not reach areas where construction activities are in progress. Do not exceed safe length-voltage ratio.
2. Provide metal conduit, tubing, or metallic cable for wiring exposed to possible damage. Provide rigid steel conduits for wiring exposed on grades, floors, decks, or other traffic areas.
3. Provide metal conduit enclosures or boxes for wiring devices.
4. Provide 4-gang outlets, spaced so 1 DO-foot (30-m) extension cord can reach each area for power hand tools and task lighting. Provide a separate 125-V ac, 20-A circuit for each outlet.
C. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations and traffic conditions.
1. Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
2. Provide one 100-W incandescent lamp (or equivalent) every 50 feet (15 m) in traffic areas.
3. Install exterior-yard site lighting that will provide adequate illumination for construction operations, parking and traffic conditions, and signage visibility when the Work is being performed.
END OF SECTION 16011

SECTION 16060 - GROUNDING AND BONDING
PART 1 - GENERAL
1.1 SUMMARY
A. This Section includes grounding of electrical systems and equipment. Grounding requirements specified in this Section may be supplemented by special requirements of systems described in other Sections.
1.2 QUALITY ASSURANCE
A. Testing Agency Qualifications: Testing agency as defined by OSHA in 29 CFR 1910.7 or a member company of the International Electrical Testing Association and that is acceptable to authorities having jurisdiction.
1. Testing Agency's Field Supervisor: Person currently certified by the International Electrical Testing Association to supervise on-site testing specified in Part 3.
B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
1. Comply with UL 467.
PART 2 - PRODUCTS
2.1 GROUNDING CONDUCTORS
A. For insulated conductors, comply with Division 16 Section "Wiring Methods."
B. Material: Copper.
C. Equipment Grounding Conductors: Insulated with green-colored insulation.
D. Grounding Electrode Conductors: Stranded cable.
E. Bare Copper Conductors: Comply with the following:
1. Solid Conductors: ASTM B 3.
2. Assembly of Stranded Conductors: ASTM B 8.
2.2 CONNECTOR PRODUCTS
A. Comply with IEEE 837 and UL 467; listed for use for specific types, sizes, and combinations of conductors and connected items.
PART 3 - EXECUTION
3.1 APPLICATION
A. Use only copper conductors.
B. In raceways, use insulated equipment grounding conductors.
C. Equipment Grounding Conductor Terminations: Use bolted pressure clamps.
D. Grounding Bus: Install in electrical and telephone equipment rooms, in rooms housing service equipment, and elsewhere as indicated.
1. Use insulated spacer; space 1 inch from wall and support from wall 6 inches above finished floor, unless otherwise indicated.
2. At doors, route the bus up to the top of the door frame, across the top of the doorway, and down to the specified height above the floor.
3.2 EQUIPMENT GROUNDING CONDUCTORS
A. Comply with NFPA 70, Article 250, for types, sizes, and quantities of equipment grounding conductors, unless specific types, larger sizes, or more conductors than required by NFPA 70 are indicated.
3.3 INSTALLATION
A. Grounding Conductors: Route along shortest and straightest paths possible, unless otherwise indicated. Avoid obstructing access or placing conductors where they may be subjected to strain, impact, or damage.
3.4 CONNECTIONS
A. General: Make connections so galvanic action or electrolysis possibility is minimized. Select connectors, connection hardware, conductors, and connection methods so metals in direct contact will be galvanically compatible.
B. Equipment Grounding Conductor Terminations: For No. 8 AWG and larger, use pressure-type grounding lugs. No. 10 AWG and smaller grounding conductors may be terminated with winged pressure-type connectors.
C. Tighten screws and bolts for grounding and bonding connectors and terminals according to manufacturer's published torque-tightening values. If manufacturer's torque values are not indicated, use those specified in UL 486A.
D. Compression-Type Connections: Use hydraulic compression tools to provide correct circumferential pressure for compression connectors. Use tools and dies recommended by connector manufacturer. Provide embossing die code or other standard method to make a visible indication that a connector has been adequately compressed on grounding conductor.
END OF SECTION 16060

SECTION 16100 - WIRING METHODS
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Summary: Building wire and cable and associated splices, connectors, and terminations for wiring systems rated 600 V and less, and twisted-pair cable; and raceways and boxes.
PART 2 - PRODUCTS
2.1 WIRES AND CABLES
A. Connectors and Splices: Wiring connectors of size, ampacity rating, material, and type and class for application and for service indicated.
2.2 RACEWAYS
A. Wireways: Screwed cover type, with manufacturers standard finish.
B. Outlet and Device Boxes: Sheet metal boxes, except use cast-metal boxes at exterior, interior exposed, and interior damp locations.
C. Pull and Junction Boxes: Sheet metal boxes, except use nonmetallic boxes with gasketed covers at exterior and interior damp locations.
2.3 ENCLOSURES
A. Hinged-Cover Enclosures: NEMA 250, steel enclosure with continuous hinge cover and flush latch. Finish inside and out with manufacturer's standard enamel.
B. Cabinets: NEMA 250, Type 1, unless otherwise indicated.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install wires and cables according to the NECA's "Standard of Installation.
B. Wiring at Outlets: Install with at least 12 inches of slack conductor at each outlet.
C. Conceal wiring, unless otherwise indicated, within finished walls, ceilings, and floors.
D. Boxes and Enclosures: In damp or wet locations use NEMA 250, Type 4, stainless steel.
E. Use raceway fittings compatible with raceway and suitable for use and location. For intermediate metal conduit, use threaded rigid steel conduit fittings, unless otherwise indicated.
F. Raceways Embedded in Slabs: Install in middle third of the slab thickness where practical, and leave at least 1 -inch concrete cover.
G. Install exposed raceways parallel to or at right angles to nearby surfaces or structural members, and follow the surface contours as much as practical.
H. Join raceways with fittings designed and approved for the purpose and make joints tight. Use bonding bushings or wedges at connections subject to vibration. Use bonding jumpers where joints cannot be made tight. Use insulating bushings to protect conductors.
I. Install pull wires in empty raceways. Use No. 14 AWG zinc-coated steel or monofilament plastic line having not less than 200-lb tensile strength. Leave not less than 18 inches of slack at each end of the pull wire.
J. Install raceway sealing fittings where required by the NEC and at wiring entrances to refrigerated spaces. Locate at suitable, approved, accessible locations and fill them with UL-listed sealing compound. For concealed raceways, install each fitting in a flush steel box with a blank cover plate having a finish similar to that of adjacent plates or surfaces.
K. Stub-up Connections for Equipment: Extend conductors to equipment with rigid metal conduit; flexible metal conduit may be used 3 inches above the floor.
L. Install a separate green ground conductor in surface metal raceway from the junction box supplying the raceway to receptacle and fixture ground terminals.
3.2 IDENTIFICATION MATERIALS AND DEVICES
A. Install at locations for most convenient viewing without interference with operation and maintenance of equipment.
B. Coordinate names, abbreviations, colors, and other designations used for electrical identification with corresponding designations indicated in the Contract Documents or required by codes and standards. Use consistent designations throughout Project.
C. Identify raceways and cables with color banding as follows:
1. Bands: Pretensioned, snap-around, colored plastic sleeves or colored encircling conduit, and place adjacent bands of two-color markings in contact, side by side.
2. Band Locations: At changes in direction, at penetrations of walls and floors, at 50-foot maximum intervals in straight runs, and at 25-foot maximum intervals in congested areas.
3. Colors: As follows:
a. Telecommunication System: Green and yellow.
D. Color-code System secondary service, feeder, and branch-circuit conductors throughout the secondary electrical system as follows:

		120/208V	277/480V
1.	Phase A:	Black	Brown
2.	Phase B:	Red	Orange
3.	Phase C:	Blue	Yellow
4.	Neutral:	White	Gray
5.	Ground:	Green	Green

END OF SECTION 16100

SECTION 16140 - WIRING DEVICES
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
B. Comply with NEMA WD 1.
C. Comply with NFPA 70.
PART 2 - PRODUCTS
2.1 DEVICES
A. General: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
B. Color: Per Material Schedule on sheet E010.
C. Receptacles: Heavy- Duty grade, NEMA WD6, Configuration 5-20R unless otherwise indicated.
D. Ground-Fault Circuit Interrupter Receptacles: integral duplex receptacle; for installation in box without an adapter. Feed-through type, with a 2-3/4-inch- deep outlet
E. Isolated-Ground Receptacles: Equipment grounding contacts connected only to the green grounding screw terminal of the device with inherent electrical isolation from mounting strap.
F. Snap Switches: Heavy-duty, quiet type.
G. Wall Plate: Per Material Schedule on sheet E010.
H. Floor Service Fittings: Modular, above-floor, dual-service units suitable for wiring method used.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install devices and assemblies plumb and secure.
B. Mount devices flush with long dimension vertical unless otherwise indicated.
C. Protect devices and assemblies during painting.
D. Install wall plates when painting is complete and paint is cured.
END OF SECTION 16140

SECTION 16442 - PANELBOARDS
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
B. Comply with NFPA 70.
C. Comply with NEMA PB 1.
PART 2 - PRODUCTS
2.1 PANELBOARDS AND LOAD CENTERS
A. Manufacturers: Subject to compliance with requirement, provide products by one of the following:
1. Panelboards, Overcurrent Protective Devices, Controllers, Contactors, and Accessories:
a. Square D Co.
b. Eaton Corp.; Cutler-Hammer Products.
c. General Electric Co.; Electrical Distribution & Control Div.
d. Siemens Energy & Automation.
B. Recessed, NEMA PB 1, Type 1.
1. Load Center Capacity: as shown on drawings.
2. Front: Secured to box with concealed trim clamps.
3. Doors: With concealed hinges, flush catches, and tumbler locks, all keyed alike.
4. Bus: Hard drawn copper of 98 percent conductivity.
C. Molded-Case Circuit Breakers: NEMA AB 1, plug-in type, Single-handle for multipole circuit breakers. Appropriate for application, including Type SWD for repetitive switching lighting loads and Type HACR for heating, air-conditioning, and refrigerating equipment.
D. Contactors: NEMA ICS 2, Class A combination contactors.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install panelboards and accessory items according to NEMA PB 1.1. Provide typed, permantently-mounted English and Spanish circuit directories showing the panel schedules as installed in each panelboard.
B. Mounting Heights: Top of trim 74 inches above finished floor, unless otherwise indicated.
C. Future Circuit Provisions at Flush Panel boards: Stub four empty 3/4-inch conduits from panelboard into accessible or designated ceiling space.
D. Wiring in Panelboard Gutters: Arrange conductors into groups, bundle and wrap with wire ties according to NEC guidelines.
E. Tighten electrical connectors and terminals, including grounding connections, according to manufacturer's published torque-tightening values. Where manufacturer's torque values are not indicated, use those specified in UL 486A.
F. Perform visual and mechanical inspections and electrical tests stated In NETA ATS.
END OF SECTION 16442

SECTION 16500 - LIGHTING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
B. Fixtures, Emergency Lighting Units, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
C. Coordinate ceiling-mounted luminaires with ceiling construction, mechanical work, and security and fire-prevention features mounted In ceiling space and on ceiling.
PART 2 - PRODUCTS
2.1 FIXTURES AND FIXTURE COMPONENTS, GENERAL
A. Metal Parts: Free from burrs, sharp corners, and edges. Steel, unless otherwise indicated. Form and support to prevent warping and sagging.
B. Doors, Frames, and Other Internal Access: Smooth operating, free from light leakage under operating conditions, and arranged to permit re-lamping without use of tools. Arrange doors, frames, lenses, diffusers, and other pieces to prevent accidental falling during re-lamping and when secured in operating position.
C. Lenses, Diffusers, Covers, and Globes: 100 percent virgin acrylic plastic or annealed crystal glass, unless otherwise indicated.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Set units level, plumb, and square with ceiling and walls, and secure.
B. Support for Recessed and Semirecessed Grid-Type Fluorescent Fixtures: Install ceiling support system rods or wires at a minimum of 4 rods or wires for each fixture, located not more than 6 inches from fixture corners.
C. Support for Suspended Fixtures: Support according to manufacturers' recommendations.
D. Lamping: Where specific lamp designations are not indicated, lamp units according to manufacturer's written instructions.
END OF SECTION 16500

ELECTRICAL MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
CONDUCTORS	#10 AWG AND SMALLER	SOLID CU, TYPE THHN/THWN OR XHHW
	#8 AWG AND LARGER	STRANDED CU, TYPE THHN/THWN OR XHHW
CONDUITS	INDOOR, EXPOSED	ELECTRICAL METALLIC TUBING U.N.O.
	INDOOR, WITHIN 1-1/2" OF ROOF DECK	INTERMEDIATE METAL CONDUIT
	INDOOR, CONCEALED ABOVE GRADE	ELECTRICAL METALLIC TUBING, FLEXIBLE METAL CONDUIT, OR METAL CLAD CABLE
	CONNECTION TO VIBRATING EQUIPMENT (EXPOSED WET OR DAMP LOCATIONS)	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
	CONNECTION TO VIBRATING EQUIPMENT (EXPOSED INDOOR DRY LOCATIONS)	FLEXIBLE METAL CONDUIT
	OUTDOOR, ABOVE GRADE, EXPOSED OR CONCEALED	INTERMEDIATE METAL CONDUIT
	LOW VOLTAGE, INDOOR, ABOVE GRADE	ELECTRICAL METALLIC TUBING
	LOW OR LINE VOLTAGE, BELOW GRADE	RIGID NONMETALLIC CONDUIT (SCHEDULE 40 PVC)
WIRING DEVICES	IN KITCHEN, OFFICE, OR NON-PUBLIC SPACES	GRAY DEVICE WITH STAINLESS STEEL COVER PLATE
	IG OR IG/GFI RECEPTACLES	GRAY DEVICE WITH STAINLESS STEEL COVER PLATE
	ON DRYWALL IN DINING ROOM	WHITE DEVICE WITH WHITE COVER PLATE
	ON HOT ROLLED STEEL, RICHLITE, OR OTHER BLACK FINISHES	BLACK DEVICE WITH BLACK COVER PLATE
	IN RESTROOMS	WHITE DEVICE WITH WHITE COVER PLATE

ELECTRICAL SYMBOLS

- CONDUIT CONCEALED ABOVE THE CEILING, IN A WALL, OR IN A RACEWAY
- CONDUIT CONCEALED BELOW THE SLAB
- A-6 → HOME-RUN TO PANELBOARD AND CIRCUIT NUMBER SHOWN
- # PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
- X/Y/Z DISCONNECT SWITCH: X = SWITCH RATING Y = FUSE SIZE (NF = NON-FUSED) Z = NUMBER OF POLES
- JUNCTION BOX
- ELECTRIC PANELBOARD
- $ GENERAL PURPOSE 1-POLE SWITCH
- $M MANUAL STARTER WITH PILOT LIGHT
- NEMA 5-20R 1-PLEX RECEPTACLE
- NEMA 5-20R DUPLEX RECEPTACLE
- NEMA 5-20R DOUBLE-DUPLEX RECEPTACLES
- IG/GFI NEMA 5-20R DUPLEX COMBINATION ISOLATED GROUND/GFI RECEPTACLE PASS & SEYMOUR MODEL#2095IGTRGRY (GRAY)
- OTHER RECEPTACLE - SEE PLAN FOR RATING AND TYPE
- JUNCTION BOX FOR RJ-45 DATA OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
- DOUBLE GANG JUNCTION BOX FOR RJ-45 DATA OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
- JUNCTION BOX FOR RJ-11 TELEPHONE OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
- KP SECURITY SYSTEM KEYPAD: PROVIDE A RECESSED JB WITH A 1/2" CONDUIT TO ABOVE THE DROP TILE CEILING IN THE OFFICE AREA AND TERMINATE WITH A CONDUIT BUSHING

ELECTRICAL GENERAL NOTES

A GENERAL NOTES APPLY TO ELECTRICAL SHEETS.
B ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE ELECTRICAL CODE AND IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.
C WIRING SHALL BE (2)#12, #12 G IN 3/4" C UNLESS NOTED OTHERWISE.
D INDIVIDUAL CONDUIT HOME RUNS SHOWN SHALL NOT BE CONSOLIDATED.
E CIRCUIT EMERGENCY LIGHTS, ILLUMINATED EXIT SIGNS, AND NIGHT LIGHTS AHEAD OF LOCAL SWITCHING.
F INSTALL WALL SWITCHES AT 48" AFF TO CENTER OF SWITCH AND RECEPTACLES AT 18" AFF TO CENTER OF RECEPTACLE UNLESS NOTED OTHERWISE.
G INSTALL CONDUIT CONCEALED ABOVE THE CEILING, IN WALLS, OR IN RACEWAYS.
H PROVIDE 1" CONDUIT WITH PULL STRING FROM EACH J-BOX FOR TELEPHONE OR DATA JACKS TO ABOVE OFFICE CEILING. SEE MATERIAL SCHEDULE FOR ALLOWABLE CONDUIT MATERIALS. PROVIDE CONDUITS WITH MINIMAL ELBOWS AND TERMINATE CONDUITS ABOVE OFFICE CEILING WITH CONDUIT BUSHING.
I THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
J DIMENSIONS SHOWN IN ELECTRICAL ELEVATIONS ARE FROM THE WALL FRAMING UNLESS NOTED OTHERWISE.
K PROVIDE LABELING CALLED FOR IN THE ELECTRICAL DRAWINGS USING ENGRAVED PHENOLIC PLATES (WHITE WITH BLACK LETTERING).

ELECTRICAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
C	CONDUIT
(E)	EXISTING
EXT'G	EXISTING
G	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPT
IG	ISOLATED GROUND
JB	JUNCTION BOX
NL	NIGHT LIGHT
S	SURFACE MOUNTED
WP	WEATHERPROOF
CO2AS	TENANT'S CO2 ALARM SUPPLIER
GC	GENERAL CONTRACTOR
HES	TENANT'S HVAC EQUIPMENT SUPPLIER
HS	TENANT'S HOOD SUPPLIER
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
TAB	TENANT'S TEST AND BALANCE VENDOR
TCC	TENANT'S CABLING CONTRACTOR
TDC	TENANT'S DUCT CLEANER
TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
TLS	TENANT'S LIGHT/LAMP SUPPLIER
TMB	TENANT'S MENU BOARD SUPPLIER
TMS	TENANT'S MILLWORK SUPPLIER
TP	TENANT'S PHONE SUPPLIER
TRS	TENANT'S RAILING SUPPLIER
TSV	TENANT'S SIGN VENDOR
TUV	TENANT'S UV SANITIZER SUPPLIER
WCS	TENANT'S WALK-IN COOLER SUPPLIER
WHS	TENANT'S WATER HEATER SUPPLIER

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com



Signed On
10/05/202112:38:22 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
ELECTRICAL SPECIFICATIONS

E010

LED strip	U	E100	LED	Dining - Bar/lounge/leisure	New
	How is linear fixture quantity defined?: Quantity of fixtures with current limiting device			Length of track (LT):	
	Fixture Description:			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, independently controlled				
Exempt Fixtures					
Lighting equipment for sale	C2	E100		Dining - Bar/lounge/leisure	New
	Fixture Description: MENU BOARD			Do these fixtures require specific application lighting controls?: Permanent lighting in dwelling units, occupancy controls	
Lighting equipment for sale	C3	E100		Dining - Bar/lounge/leisure	New
	Fixture Description: MENU BOARD			Do these fixtures require specific application lighting controls?: Permanent lighting in dwelling units, occupancy controls	

Project Title	**Chipotle - Gig Harbor - 2018 WSEC**	**Date**	**Oct 05, 2021**
Lighting Power Calculation	**ALTERATION - EXTERIOR LIGHTING (50% or more replaced)**	**Compliance Verification**	**COMPLIES**
Exterior Lighting Zone	**ZONE 3**	**Base Site Allowance**	**500**

Exterior Tradable Lighting Power Allowance

Tradable Surface	Tradable Surface Sub-Type	Surface Area (SF)	LPA (Watts/SF)	Linear Feet (LF)	LPA (Watts/LF)	Total Watts Allowed (LPA x SF) or (LPA x LF)	Total Tradable Proposed Watts	Tradable Compliance Status
Outdoor sales	Open sales areas	358	0.35			125		
Outdoor sales	Sales canopies - attached	485	0.60			291		
					Base Site Allowance	500		
					Totals	916	204	COMPLIES

Proposed Tradable Lighting Power Density

Fixture Type	Fixture ID	Tradable Surface Type	Quantity of Fixtures (#F)	Watts or Wattage Limit per Fixture (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures							
Flood light	B4	Outdoor sales - Open sales areas	6	17			102
Flood light	B4	Outdoor sales - Sales canopies - attached	6	17			102
						Tradable Proposed Total	**204**

Project Title	**Chipotle - Gig Harbor - 2018 WSEC**	**Date**	**Oct 05, 2021**
Lighting Power Calculation	**ALTERATION - EXTERIOR LIGHTING (less than 50% replaced)**	**Compliance Verification**	**DOES NOT COMPLY**

Exterior Lighting Power Allowance

Category	Tradable and Non-Tradable Categories	Existing Lighting/Wattage Prior to Alteration	Total Watts Allowed	Total Proposed Watts	Compliance Status
Existing Lighting	Sales canopies	138	138		

Proposed Exterior Lighting Power Density - Spaces with less than 50% fixtures replaced

Fixture Type	Fixture ID	Tradable and Non-Tradable Categories	New or Existing-to-Remain	Quantity of Fixtures, CLDs or Luminaires (#F)	Watts per Fixture, CLD or Luminaire (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures								
Flood light	B4		New	12	17			204

	Proposed Total LPD **204**

Project Title	**Chipotle - Gig Harbor - 2018 WSEC**	**Date**	**Oct 05, 2021**
Proposed Fixtures Details	**ALTERATION - EXTERIOR LIGHTING (less than 50% replaced)**		

Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Tradable and Non-Tradable Categories	New or Existing-to-Remain
Individual Fixtures					
Flood light	B4	E100	LED		New
	Fixture Description:				

LIGHTING COMPLIANCE SUMMARY

2018 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1 — Administered by: ©2021 NEEA, All rights reserved

Project & Applicant Information	**Project Title**	Chipotle - Gig Harbor - 2018 WSEC	For Building Department Use: **Date: Oct 05, 2021**
	Project Address	4823 Point Fosdick Drive Gig Harbor, WA 98335	
	Applicant Name	Jason Decker	
	Applicant Phone	720-708-7079	
	Applicant Email	jdecker@nationalengineering.com	

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

General Occupancy	All Commercial		**General Building Use Type**		Dining, Fast Food	**Building Cond. Floor Area**	3,800
General Project Types	Alteration	**New Building or Addition**		**Alteration Lighting Scope**	Interior Lighting Exterior Lighting	**Project Cond. Floor Area**	3,800
		Lighting Scope				**Floors Above Grade**	1
						Compliance Method	Compliance Method 1 - General
Lighting Project Description	Tenant improvement build-out in existing building						

	Project Type	Interior / Exterior (Interior includes both interior & parking)	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
Lighting Compliance Scope and Method	Alteration	Interior Lighting	50% or more replaced	Building area	No Calculation Adjustments allowed	**COMPLIES**
	Alteration	Exterior Lighting	50% or more replaced		Not applicable to exterior	**COMPLIES**
	Alteration	Exterior Lighting	less than 50% replaced		Not applicable to exterior	**DOES NOT COMPLY**
Additional Efficiency Options Included	Reduced lighting power density credit					

Project Title	**Chipotle - Gig Harbor - 2018 WSEC**	**Date**	**Oct 05, 2021**
Lighting Power Calculation	**ALTERATION - INTERIOR LIGHTING (50% or more replaced)**	**Compliance Verification**	**COMPLIES**
Compliance Method	**Building area**	**LPA Calculation Adjustment**	**none**

Interior Lighting Power Allowance - Building Area

Building Areas	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)	Total Proposed Watts By Building Area	Compliance Status by Building Area
Dining - Bar/lounge/leisure	3,800	0.79	3,002	2,817	COMPLIES

Proposed Lighting Power Density

Fixture Type/Application	Fixture ID	Building Area	New or Existing-to-Remain	Quantity of Fixtures, CLDs or Luminaires (#F)	Watts per Fixture, CLD or Luminaire (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures								
Decorative	P6	Dining - Bar/lounge/leisure	New	2	48			96
Decorative	P5	Dining - Bar/lounge/leisure	New	6	5			30
Decorative	J4	Dining - Bar/lounge/leisure	New	2	9			18
Troffer	A1	Dining - Bar/lounge/leisure	New	10	30			300
Recessed downlight	B1	Dining - Bar/lounge/leisure	New	29	17			493
Recessed downlight	B2	Dining - Bar/lounge/leisure	New	6	17			102
Suspended	C3	Dining - Bar/lounge/leisure	New	4	15			60
Suspended	C4	Dining - Bar/lounge/leisure	New	8	18			144
Under-cabinet	C0	Dining - Bar/lounge/leisure	New	2	5			10
Under-cabinet	C2	Dining - Bar/lounge/leisure	New	2	12			24
Linear Fixtures								
Line voltage track (120V)	T-6 INTERIOR	Dining - Bar/lounge/leisure	New	11	120			1,320
Line voltage track (120V)	T-6 DAYLIGHT	Dining - Bar/lounge/leisure	New	3	60			180
LED strip	U	Dining - Bar/lounge/leisure	New	2	20			40
Exempt Fixtures								
Lighting equipment for sale	C2	Dining - Bar/lounge/leisure	New	1				
Lighting equipment for sale	C3	Dining - Bar/lounge/leisure	New	2				

Project Title	**Chipotle - Gig Harbor - 2018 WSEC**	**Date**	**Oct 05, 2021**
Proposed Fixtures Details	**ALTERATION - INTERIOR LIGHTING (50% or more replaced)**		

Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-to-Remain
Individual Fixtures					
Decorative	P6	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: Yes, controls provided	
	Do these fixtures require specific application lighting controls?:				
Decorative	P5	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: Yes, controls provided	
	Do these fixtures require specific application lighting controls?: None required				
Decorative	J4	E100	Compact Fluorescent	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?:				
Troffer	A1	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Recessed downlight	B1	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?:				
Recessed downlight	B2	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?:				
Suspended	C3	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: Yes, controls provided	
	Do these fixtures require specific application lighting controls?:				
Suspended	C4	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: Yes, controls provided	
	Do these fixtures require specific application lighting controls?:				
Under-cabinet	C0	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Under-cabinet	C2	E100	LED	Dining - Bar/lounge/leisure	New
	Fixture Description:			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Linear Fixtures					
Line voltage track (120V)	T-6 INTERIOR	E100	LED	Dining - Bar/lounge/leisure	New
	How is linear fixture quantity defined?: Quantity of fixtures with current limiting device			Length of track (LT):	
	Fixture Description:			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?:				
Line voltage track (120V)	T-6 DAYLIGHT	E100	LED	Dining - Bar/lounge/leisure	New
	How is linear fixture quantity defined?: Quantity of fixtures with current limiting device			Length of track (LT):	
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:22 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

3	21 SEP 21	CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
ELECTRICAL ENERGY COMPLIANCE

E020

Lighting, Motor and Electrical Requirements List, pg 10 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C408.1.2 C408.2.1 C408.1.4 C103.6.3	Commissioning requirements in construction documents	Include general summary of Cx plan per C408.1.2 including: 1) Narrative description of activities; 2) Responsibilities of the Cx team; 3) Schedule of activities including verification of project close out documentation per C103.6; 4) Conflict of interest plan (if required)		
NA	C408.1.2 C408.1.4 C103.6.3	Commissioning requirements in construction documents	Include in general summary that a Cx project report and Compliance Checklist (Figure C408.1.4.1) shall be completed by the Certified Cx Professional and provided to the owner prior to the final electrical inspection		
NA	C408.4.1	Functional performance testing criteria	Identify in plans and specifications the intended operation of all equipment and controls during all modes of operation, including interfacing between new and existing-to-remain systems		
PROJECT CLOSE OUT DOCUMENTATION					
YES	C103.6.3	Project close out documentation requirements	Indicate in plans that project close out documentation is required including WSEC lighting compliance reports that andcreport all interior and exterior lighting area and / or surface types, lighting power allowances and installed densities	E010	

If "no" is selected for any question, provide explanation.

Lighting, Motor and Electrical Requirements List, pg 7 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NO			Demonstrate that proposed wattage per non-tradable surface type does not exceed maximum allowed wattage per non-tradable surface type (including base site allowance remaining after trade-tradable allowance calculation); identify locations of non-tradable surfaces on plans; provide WSEC exterior lighting compliance reports		
LIGHTING ALTERATIONS					
YES	C503.6.1	Interior and parking garage lighting fixture alterations	Where ≥ 50% of existing luminaires in an interior space or parking garage are replaced; indicate compliance path (building area or space-by-space method); include all new and existing-to-remain luminaires in WSEC interior lighting compliance reports; indicate proposed lighting wattage does not exceed maximum allowed per compliance path	E020	
NA			Where < 50% of existing luminaires in an interior space or parking garage are replaced; indicate total existing lighting wattage in each space prior to alteration; include all new and existing-to-remain luminaires in WSEC interior lighting compliance reports; indicate proposed total lighting wattage per alteration area does not exceed total existing lighting wattage prior to alteration		
NA			Where ≥ 50% of existing exterior lighting wattage is replaced; include all new and existing-to-remain luminaires in WSEC exterior lighting compliance reports; indicate proposed total exterior lighting wattage does not exceed maximum allowed		
NA			Where < 50% of existing exterior lighting wattage is replaced; indicate total existing lighting wattage prior to alteration; include all new and existing-to-remain luminaires in WSEC interior exterior compliance reports; indicate proposed total exterior lighting wattage does not exceed total existing wattage prior to alteration		
YES	C503.6.2	Interior lighting wiring and circuiting alterations	Where new wiring is installed to serve new interior luminaires and for luminaires are relocated to a new circuit; indicate manual and automatic lighting controls are provided (as applicable) - manual (C405.2.3); occupancy sensor (C405.2.1); light reduction (C405.2.3); daylight responsive (C405.2.4); specific application (C405.2.5)	E100	
YES			Where new wiring is installed to serve new exterior luminaires and for luminaires are relocated to a new circuit; indicate automatic lighting controls are provided (C405.2.6)	E100	

Lighting, Motor and Electrical Requirements List, pg 4 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA			Indicate method of manual lighting control and applicable automatic lighting control		
NA	C405.2.5 Item 5	Means of egress lighting	Identify on plans egress fixtures that function as both normal and emergency means of egress illumination		
NA			Provide calculation of lighting power density of total egress lighting		
NA			If total egress lighting power density is greater than 0.02 W/sq.ft., indicate on plans egress fixtures requiring automatic shut-off during unoccupied periods		
NA			Indicate method of automatic shut-off control		
NA	C405.4.1 C405.4.2	Lighting control of exempt interior lighting	Indicate that exempt interior lighting equipment and lighting located within spaces that are eligible for a lighting power exemption are controlled independently from non-exempt and general area lighting		
YES	C405.2.6	Exterior lighting controls	For decorative exterior lighting, indicate on plans automatic daylight shut-off controls, or exception taken	E710	
YES			For exterior lighting that is not decorative, indicate on plans automatic daylight or time-switch shut-off controls and setback controls; or indicate exception taken	E710	
YES			For lighting requiring setback controls, include control sequence that reduces lighting power by at least 30% between 12am-6am, or from 1 hour after closing to 1 hour before opening, or based upon motion sensor	E710	
NA			For building facade and landscape lighting, indicate control sequence for shut-off control is based on dawn-to-dark and business opening/closing schedule; indicate whether automatic or time switch controls will be provided for this function		
YES	C405.5.2	Lighting control of exempt exterior lighting	Indicate that exempt exterior lighting and lighting located within exterior areas/surfaces that eligible for a lighting power exemption are controlled independently from non-exempt exterior lighting	E710	
NA	C405.5.4	Exterior gas-fired lighting appliances.	Indicate ignition system is a method other then continuously burning pilot light		
YES	C405.2.7	Area controls - Master control switches and circuit power limit	Indicate location(s) of master control switch(es) intended to control multiple independent switches; circuit breaker may not be used as a master control switch	E160, E710	
YES			Verify that no 20 amp circuit controlled by a single switch or automatic control is loaded beyond 80%	E600	
ADDITIONAL EFFICIENCY CREDIT - ENHANCED INTERIOR LIGHTING CONTROLS					

Lighting, Motor and Electrical Requirements List, pg 1 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

Project:
Chipotle - Gig Harbor - 2018 WSEC
4823 Point Fosdick Drive
Gig Harbor, WA 98335

Date: 2021-10-05

Applies	Code Section	Component	Compliance Information Required In Permit Documentation	Location in Documents	Building Department Notes
LIGHTING SCOPE					
NA	C103.1	Construction documents - General	For a shell & core or tenant space (first build-out) project, indicate if there is no lighting scope included in the project.		
YES	C103.1	Construction documents - General	For an alteration project, indicate if there is no lighting scope included in the project.	E100	
LIGHTING CONTROLS					
YES	C405.2	Lighting controls, general	For all lighting fixtures, indicate lighting control method on plans for spaces and lighting zone(s) served, or exception taken	E100, E710	
NA	C405.2, Option 2	Luminaire level lighting controls (LLLC)	Indicate on plans all Fixtures provided with LLLC to be C405.2 lighting controls; provide description of control capabilities and performance requirements		
NA	C405.2.3 Item 2 C405.2.3.1 C405.2.3.1	Lighting in dwelling units (dormitory, hotel and all other than multifamily)	Indicate method of automatic control of all installed luminaires in dwelling units in buildings other than multifamily (occupancy or light reduction controls)		
NA	C405.2.5 Item 2	Lighting in sleeping units	Indicate method of automatic off control of all installed luminaires in sleeping units (occupancy or key card control); also refer to Receptacles		
YES	C405.2.3 C405.2.3.1 C405.2.5	Manual controls	Indicate on plans the method of manual lighting control, location of manual control device and the area or specific application it serves	E100	
YES	C405.2.3.1 C405.2.3.1 C405.2.4	Manual interior light reduction controls	Indicate on plans which method of manual 50% lighting load reduction is provided, or indicate applicable exception	E100, E710	
YES	C405.2.5 C405.2.3.1 C405.2.3.1 C405.2.3.1 Exception 3	Method of automatic shut-off control	Indicate on plans the method of automatic shut-off control during unoccupied periods (occupancy sensor, time switch or digital timer switch) for all lighting zones	E710	
YES	C405.2.1	Occupant sensor controls	Indicate on plans all luminaires that are controlled by occupant sensor controls; indicate controls are configured to turn luminaires 100% off when the space is unoccupied	E100	
YES	C405.2.1 C405.2.1.1	Occupant sensor controls	Indicate if occupant sensor controls are configured to be manual on or automatic on to not more than 50% power; indicate spaces eligible for exception that allows automatic on to 100% power	E100	

Lighting, Motor and Electrical Requirements List, pg 8 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C503.6.3	Lighting panel alterations	Where a new interior and/or exterior lighting panel is installed or an existing panel is moved (all new raceway and conductor wiring); indicate all applicable lighting controls requirements apply		
NA	C503.6.4	Newly-created rooms	Where interior space(s) is reconfigured (permanently installed walls or ceiling-height partitions) to create new enclosed spaces, indicate all applicable lighting controls requirements apply		
NA	C504.2	Lighting repairs	Identify existing luminaires being upgraded with bulb and / or ballast replacement; indicate fixture alteration does not increase existing fixture wattage		
NA	C505.1	Change of interior space use	Identify spaces on plans where the building area type or space use type is being changed from one type to another per Tables C405.4.2(1) or (2)		
NA			Indicate compliance method (building area or space-by-space); include all new and existing-to-remain luminaires in WSEC interior lighting compliance reports; indicate proposed lighting wattage does not exceed maximum allowed per compliance path		
RECEPTACLES					
NA	C405.10	Controlled receptacles	Identify all controlled and uncontrolled receptacles on electrical plans in each space in which they are required; include receptacle configuration such as spacing between controlled and uncontrolled, duplex devices, etc		
NA			Provide schedule that lists the number of controlled and uncontrolled receptacles in each space where controlled receptacles are required - classrooms, private offices, open office areas, conference rooms, copy rooms, break rooms and modular partitions/workstations		
NA			Indicate on plans the method of automatic control for each controlled receptacle zone (occupant sensor or programmable time-of-day control); indicate that each zone served by a single controller does not exceed 5,000 sf		
NA	C405.2.5 Item 2	Switched receptacles in sleeping units	Indicate method of automatic off control of all switched receptacles in sleeping units (vacancy or key card control)		
NA	C503.6.6	Electrical receptacle alterations	Where new receptacles are added or replaced within an alteration project that is 5,000 sf or larger, indicate receptacles are provided with automatic controls per C405.10, or exception taken		
MOTORS, TRANSFORMERS, ELECTRIC METERS, INTERIOR TRANSPORTATION					

Lighting, Motor and Electrical Requirements List, pg 5 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C406.4	Enhanced digital lighting controls	To comply with additional efficiency credit, indicate on plans that interior lighting fixtures are configured with all of the following control functions, as applicable: 1) Each fixture is individually addressed, or exception taken; 2) Fixtures are configured for continuous dimming; 3) No more than eight fixtures are controlled by a single daylight sensor; 4) In enclosed and open office areas, illumination levels of overhead general area lighting is configured to be individually adjusted by occupants		
NA			Include calculations that demonstrate the total lighting power of all interior lighting fixtures configured with enhanced lighting controls is no less than 30% of the the total interior lighting power for the area the enhanced lighting controls credit is being applied to		
INTERIOR LIGHTING POWER & EFFICACY					
YES	C405.4.1 C405.4.2	Total connected interior lighting power	Include all luminaires in interior lighting fixture schedule; indicate fixture types, lamps, ballasts, and manufacturer's watts per fixture for the installed lamp	E100	
NA			Identify spaces eligible for lighting power exemption on plans and in WSEC interior lighting compliance reports; indicate the exception applied		
NA			Identify lighting equipment eligible for lighting power exemption in fixture schedule and in WSEC interior lighting compliance reports; indicate the exception applied		
NA	C405.1 C405.1.1	Lighting in dwelling units (multifamily)	For all installed luminaires, include lamp type and number of lamps in lighting fixture schedule; for lamps that are not LED, T-8 or small diameter fluorescent, indicate efficacy of other lamp types is 65 lumens per watt or greater		
NA			For all installed luminaires, indicate in lighting fixture schedule whether complying via lighting power density or by qualifying lamp type; if by lamp type, include number of lamps		
NA			For all installed luminaires, indicate in lighting fixture schedule whether complying via lighting power density or by qualifying lamp type; if by lamp type, include number of lamps		
INTERIOR LIGHTING POWER CALCULATION - INDICATE COMPLIANCE PATH TAKEN					
YES	C405.4.2.1	Building Area Method	Demonstrate that total proposed wattage per building area does not exceed maximum allowed wattage per building area; identify locations of building areas on plans; provide WSEC exterior lighting compliance reports	E021	

Lighting, Motor and Electrical Requirements List, pg 2 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C405.2.1.2	Occupant sensor controls - warehouse spaces	Indicate each aisleway and corridor within a warehouse space are designated as separate zones **that are** independently controlled		
NA			Indicate occupant sensors are configured to automatically reduce lighting power by 50% when the zone is unoccupied and 100% off after the zone is unoccupied for over 20 minutes; indicate controls are configured to automatically restore lighting to full power when the the or space is occupied		
NA	C405.2.1.3	Occupant sensor controls - open plan office areas	For open plan office areas larger than 300 sf., indicate general lighting is provided with vacancy controls that reduce lighting power by not less than 80% and are configured to turn luminaires 100% off when the space is unoccupied; indicate that no individual control zone area exceeds 600 sf		
NA	C405.2.1.4	Occupant sensor controls - parking garages	Indicate parking garage general lighting is provided with vacancy controls that reduce lighting power by not less than 30% and are configured to turn luminaires 100% off when no vehicles or pedestrians are present, unless the space is an exception; indicate that no		
NA	C405.2.1.3	Occupant sensor controls - enclosed fire-rated stairwells	Indicate stairway lighting is provided with vacancy controls that reduce lighting power by not less than 50% when the stairway in unoccupied		
YES	C405.2.2.1	Automatic time switch controls	Indicate spaces on plans where time switch controls turn luminaires 100% off during unoccupied hours	E100, E710	
YES			Indicate spaces on plans where time switch controls are configured to turn on lighting to full power versus 50% power	E100	
YES			Indicate locations of override switches on plans and the lighting zone(s) served; indicate that each override switch does not exceeds 5,000 sf	E710	
YES	C405.2.1, Exception 3	Digital timer switch	Indicate digital timer switch control includes: manual on/off, time delay, audible and visual indication of impending time-out	E100, E710	
YES	C405.2.4.2 C405.2.4.3	Daylight zones - Sidelit and toplit	Indicate primary and secondary sidelit daylight zone floor areas on plans	E100	
NA			Indicate toplit daylight zone floor areas on plans		
NA			For small vertical fenestration assemblies (rough opening less than 10 percent of primary daylight zone floor area) where daylight responsive controls are not required, provide fenestration area to daylight zone floor area calculations)		

Lighting, Motor and Electrical Requirements List, pg 9 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

	C405.6	Electrical transformers	Include electrical transformer schedule on electrical plans; indicate transformer type, size, efficiency, or exception taken		
YES	C405.11	Feeders and branch circuits	Provide documentation that demonstrates maximum voltage drop across feeders and branch circuits does not exceed 5%	E710	
	C405.7	Dwelling unit electrical energy consumption	Indicate on electrical plans that each dwelling unit is Group R-2 has a separate electrical energy meter		
YES	C405.8	Electric motor efficiency	Include all motors, including fractional hp motors, in electric motor schedule on electrical plans; indicate motor type, horsepower, rpm, rated efficiency, or exception applied	M600	
	C405.9.1	Elevator cabs	For limitations in each elevator cab, provide calculations that demonstrate average efficacy is not less than 35 lumens per watt		
			For elevators that do not have an integral air conditioning system, indicate rated watts per cfm for elevator cab ventilation fans do not exceed 0.33 watts per cfm		
			Indicate automatic controls that de-energize lighting and ventilation fans when elevator is stopped and unoccupied for a period of 15 minutes or more		
	C405.9.2	Escalators and moving walks	Indicate escalators comply with ASME A17.1/CSA B44; automatic controls are configured to reduce operational speed to the minimum permitted when not in use		
	C405.9.3	Regenerative drive	Indicate all one-way down or reversible escalators are provided with a variable frequency regenerative drive		
DOCUMENTATION AND SYSTEM REQUIREMENTS TO SUPPORT COMMISSIONING (CX)					
NA	C408.4	Scope of electrical power and lighting systems commissioning	Indicate that all electrical systems (receptacles, transformers, motors, vertical and horizontal transportation) for which the WSEC requires control functions and / or configuration to perform specific functions are required to be commissioned		
NA			Where total building lighting load is > 20 kW, or where total lighting load of luminaires requiring daylight sensing and / or occupancy sensing is ≥ 10 kW, indicate that all automatic lighting controls systems are required to be commissioned; or provide building lighting power calculation demonstrating eligibility for exception		
NA	C405.13 C408.1.1 C408.1.2 C408.1.4.2 C103.6.3	Commissioning requirements in construction documents	Indicate Cx requirements in plans and specifications for all applicable electrical and lighting control systems per C408		

Lighting, Motor and Electrical Requirements List, pg 6 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

NA	C405.4.2.2	Space-By-Space Method	Demonstrate that total proposed wattage does not exceed maximum allowed wattage; identify locations of space types on plans, including retail display areas and area-with display, highlight and decorative lighting); provide WSEC exterior lighting compliance reports		
ADDITIONAL EFFICIENCY CREDITS - REDUCED INTERIOR LIGHTING POWER DENSITY					
YES	C406.3.1 C406.3.2	Reduced interior lighting power density	To comply with additional efficiency credit, demonstrate that total connected interior lighting wattage is 10% or 20% less than the total maximum allowed lighting wattage for the area the reduced lighting power credit is being applied to; indicate whether lighting power allowance is based on the building area method or space-by-space method; provide WSEC exterior lighting compliance reports	E021	
NA	C406.3	Reduced interior lighting power density - dwelling unit lamp efficacy	For project with dwelling units, to comply with additional efficiency credit indicate in lighting fixture schedule that lamps within installed interior luminaires have an efficacy rating of at least 65 lumens per watt; include number of lamps and provide calculations that demonstrate at least 85% of lamps have this efficacy rating		
EXTERIOR LIGHTING POWER & EFFICACY					
YES	C405.5.2	Total connected exterior lighting power	Include all luminaires in exterior lighting fixture schedule; indicate fixture types, lamps, ballasts, and manufacturer's watts per fixture for the installed lamp	E100, E600	
YES			Identify exterior applications eligible for lighting power exemption on plans and in WSEC exterior lighting compliance reports; indicate exception applied	E020	
YES	C405.5.3(1)	Exterior lighting zone	Indicate building exterior lighting zone as specified by the AHJ	E100	
NA	C405.5.1	Exterior building grounds lighting	For building grounds fixtures rated at greater than 50 watts, indicate rated lamp efficacy (in lumens per watts) in fixture schedule		
EXTERIOR LIGHTING POWER CALCULATION					
YES	C405.5.3	Tradable allowances	Demonstrate that total proposed tradable surface wattage does not exceed maximum allowed tradable surface wattage (including base site allowance); identify locations of tradable surfaces on plans; provide WSEC exterior lighting compliance reports	E020	

Lighting, Motor and Electrical Requirements List, pg 3 of 10

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ⓒ2021 NEEA. All rights reserved
The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

YES	C405.2.4	Daylight responsive controls	Indicate on plans lighting zone(s) served by daylight responsive controls; indicate that the area served by each control device does not exceeds 2,500 sf	E100	
NO			Identify sidelit and toplit daylight zones that are not provided with daylight sensing controls and the exception(s) that apply		
YES	C405.2.4.1.1	Daylight responsive controls	Indicate on plans the daylight load reduction method (continuous dimming, or stepped dimming that provides at least two even steps between 0%-100% of rated power)	E100, E710	
YES	C405.2.4.1	Daylight responsive controls	Indicate that daylight sensing controls are configured to completely shut off all controlled lights in the lighting zone	E710	
NA	C405.2.5	Additional controls - Specific application lighting controls	Identify spaces and lighting fixtures on plans that require specific application lighting controls per this section		
NA	C405.2.5 Item 1	Display and accent lighting	Indicate on plans that manual controls are provided that control display, accent lighting and display case lighting independently from both general area lighting and other lighting applications within the same space		
NA			Indicate manual and automatic (occupant sensor or time switch) lighting control methods		
	C405.2.5 - Item 3	Hotel/motel guest rooms	Indicate method of automatic control - vacancy w captive key control of all installed luminaires and switched receptacles in guest room		
NA	C405.2.5 Item 1	Supplemental task lighting	Indicate method and location of manual and automatic shut-off control (occupant sensor or time switch) for supplemental task lighting, including under-shelf or under-cabinet lighting		
NA	C405.2.5 Item 1	Lighting equipment for sale or demonstration	Indicate on plans that lighting equipment for sale or demonstration acec controlled independently from both general area lighting and other lighting applications within the same space		
NA			Indicate manual and automatic (occupant sensor or time switch) lighting control methods		
NA	C405.2.5 Item 4	Lighting for non-visual applications	Identify all eligible non-visual lighting applications on plans; indicate that the area served by each control device does not exceeds 6,000 sf		
NA			Indicate on plans that non-visual lighting are controlled independently from both general area lighting and other lighting applications within the same space		

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:22 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

A 3	21 SEP 21	CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
ELECTRICAL ENERGY CHECKLIST

3

E021

ELECTRICAL LIGHTING PLAN NOTES

1 INSTALL STORE LIGHTING CONTROL LCD DIGITAL SWITCH AND WALLPODS FOR EACH MANUAL DIMMING ZONE AT 48" AFF. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONNECT TO LIGHTING CONTROL PANEL PER DETAIL 6/E710.

2 FOR UNCIRCUITED LIGHT FIXTURES, CONNECT TO RELAY CIRCUIT INDICATED NEXT TO THE FIXTURE TAG THROUGH THE LIGHTING CONTROL PANEL (LCP) UNLESS NOTED OTHERWISE.

3 WALL MOUNT THE EMERGENCY LIGHT FIXTURE AT 6" BELOW THE CEILING UNLESS NOTED OTHERWISE

4 VERIFY MOUNTING HEIGHT OF EXIT SIGN PRIOR TO ROUGH IN. EXIT SIGN MUST BE VISIBLE FROM AREA SERVED AFTER BUILDING SYSTEMS HAVE BEEN INSTALLED. SEE ARCHITECTURAL ELEVATIONS FOR FURTHER INFORMATION.

5 INSTALL DIMMING PHOTOCELL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONNECT VIA CAT5 CABLE TO MASTER RELAY PANEL.

6 INSTALL LIGHT FIXTURES FURNISHED WITH THE WALK-IN COOLER. PROVIDE UNSWITCHED CONDUCTOR FROM LIGHTING CIRCUIT TO WALK-IN COOLER LIGHTING J-BOX AND FROM J-BOX TO LIGHT FIXTURES AS SHOWN. CONDUIT BETWEEN LIGHT FIXTURES SHALL BE ROUTED ON THE INTERIOR OF THE WALK-IN COOLER. SEAL INTERIOR AND EXTERIOR OF CONDUITS WHERE THEY PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.

7 PROVIDE (2) GFCI RECEPTACLES FOR UNDERSHELF LIGHTING AS SHOWN. CONNECT TO SWITCHED LEG OF THE KITCHEN LIGHTING CIRCUIT. SEE ELEVATIONS ON SHEET E700 FOR RECEPTACLE LOCATIONS, HEIGHTS, AND CIRCUITING. INSTALL RECEPTACLES IN A HORIZONTAL ORIENTATION.

8 PROVIDE UNISTRUT AS SHOWN ON THE ARCHITECTURAL RCP PER THE ARCHITECTURAL UNISTRUT DETAIL. TYPICAL.

9 CONNECT EXTERIOR LIGHTING CIRCUIT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL PER DETAIL 5/E710.

10 INSTALL WALL-MOUNTED OCCUPANCY SENSOR FURNISHED BY LIGHTING SUPPLIER AT 42" AFF. ADJUST OCCUPANCY SENSOR TO PROVIDE AUTOMATIC ON/AUTOMATIC OFF OPERATION WITH A FIXED TIMER OF 30 MINUTES AND WITH BOTH THE PASSIVE INFRARED AND ULTRASONIC SENSORS ENABLED.

11 INSTALL CHIME/STROBE FURNISHED WITH VEHICLE DETECTION SYSTEM ON WALL 12" BELOW CEILING AND CONNECT TO VEHICLE DETECTOR SYSTEM PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

12 INSTALL WALL-MOUNTED DIMMERS ABOVE PANELBOARDS 6" ABOVE LAY-IN CEILING FOR CONTROL OF DINING ROOM OVERHEAD STRIP LED AND PENDANT LIGHTS. CONNECT DIMMERS TO RELAYS SHOWN THROUGH THE LIGHTING CONTROL PANEL. SET DIMMERS AT 50%.

13 CONNECT DINING ROOM (RELAY CIRCUITS R1, R3, AND R5) LED LIGHTS TO THE RELAY INDICATED THROUGH THE CORRESPONDING WALL-MOUNTED DIMMER INSTALLED ABOVE THE PANELBOARDS.

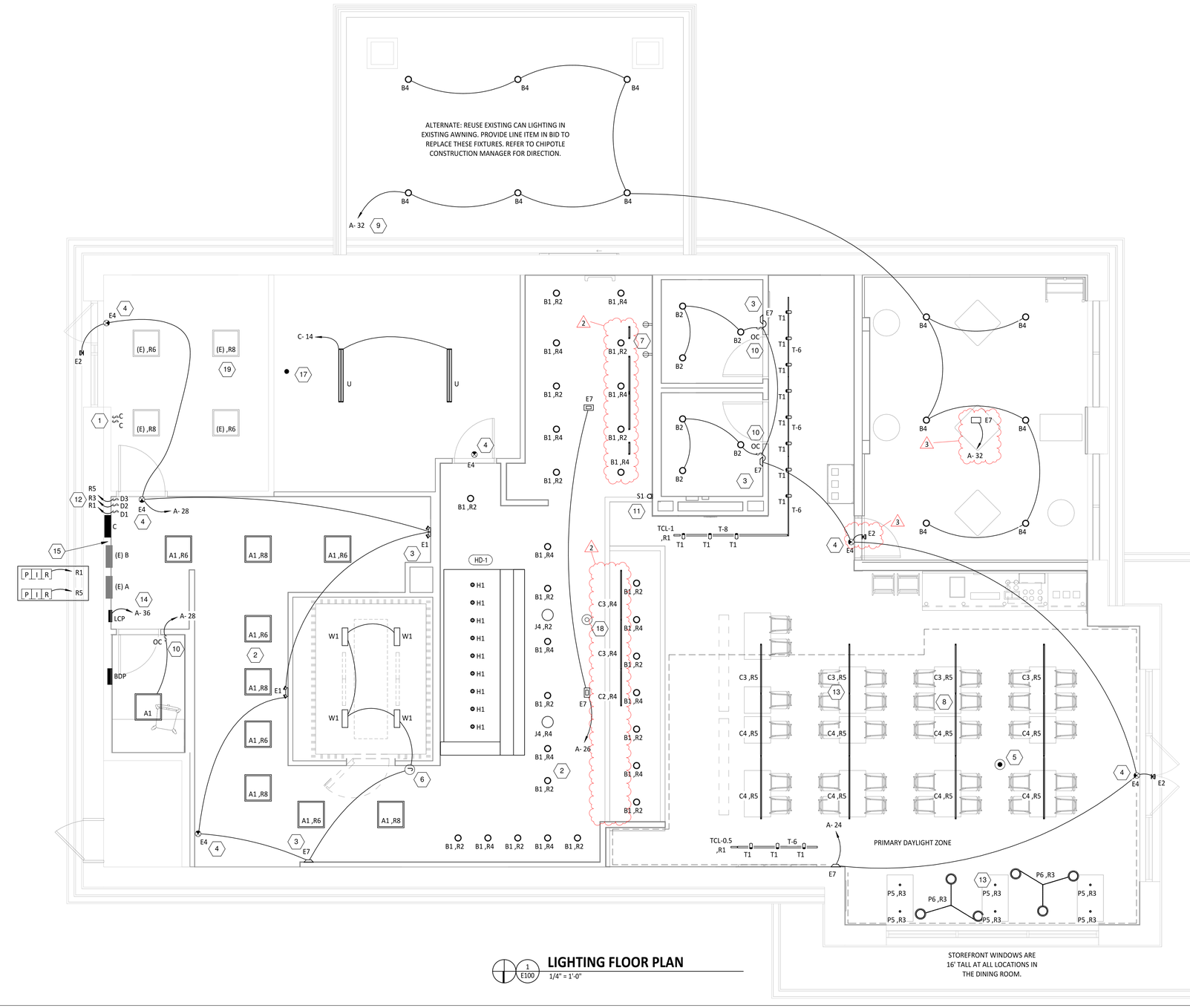
14 INSTALL LIGHTING CONTROL SYSTEM PER DETAIL 6/E710.

15 INSTALL RELAYS AND SENSORS IN SERIES; DAISY CHAIN AS SHOWN AND CONNECT TO MASTER RELAY PANEL PER DETAIL 6/E710. PROVIDE BUS GUTTER ABOVE THE CEILING IN THIS LOCATION FOR INSTALLATION OF POWER PACKS AND RELAYS PER THE LIGHTING CONTROL DIAGRAM. FIELD COORDINATE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER PRIOR TO START OF WORK. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

17 INSTALL OUTDOOR PHOTOCELL WITH INTERFACE KIT ON ROOF PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONNECT VIA CAT5 CABLE TO THE LIGHTING CONTROL PANEL.

18 INSTALL OCCUPANCY SENSOR PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONNECT VIA CAT5 CABLE TO THE LIGHTING CONTROL PANEL.

19 EXISTING LIGHTING TO REMAIN, CONNECT TO THE RELAY AS SHOWN THROUGH THE LIGHTING CONTROL PANEL.



LIGHTING FLOOR PLAN

1/4" = 1'-0"

Consultant:

NATIONAL ENGINEERING

4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:22 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

2	8 SEP 21	CLEINT REVISION
3	21 SEP 21	CITY COMMENTS

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
ELECTRICAL LIGHTING PLAN

E100

ELECTRICAL POWER PLAN NOTES

1 SHOW ROOM WINDOW RECEPTACLE. COORDINATE EXACT RECEPTACLE MOUNTING HEIGHT IN THE FIELD. LOCATION SHALL BE IN THE DRYWALL IMMEDIATELY ABOVE THE MAIN STORE-FRONT WINDOW AND AS SHOWN IN THE DINING ROOM ELECTRICAL ELEVATIONS ON SHEET E700.

2 ICE MACHINE ELECTRICAL TIE-IN LOCATION. COORDINATE EXACT LOCATION WITH EQUIPMENT INSTALLER AND WIDTH OF ICE MAKER PRIOR TO ROUGH-IN. ICE MAKER RECEPTACLES SHALL BE CONCEALED BEHIND THE ICE MAKER. PROVIDE L5-20P FLANGED INLET WIRED TO THE REMOTE CONDENSER. PROVIDE 48" CORDS, ONE WITH 5-20P END AND ONE WITH L5-20R END, FROM ICE MAKER TO RECEPTACLE AND FLANGED INLET.

3 CONNECT RECEPTACLES SERVING EQUIPMENT BELOW THE KITCHEN HOOD TO THE CIRCUITS SHOWN THROUGH THE CONTACTOR INTEGRAL TO THE HOOD CONTROL PANEL. INTEGRAL CONTACTOR SHALL BE INTERLOCKED TO HOOD FIRE PROTECTION SYSTEM SO THAT RECEPTACLES ARE DE-ENERGIZED UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM.

4 JUNCTION BOX FOR EXTERIOR SIGN LIGHTING. COORDINATE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER AND THE SIGN INSTALLER PRIOR TO ROUGH-IN. CONNECT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 5/E710.

5 PROVIDE 4" OCTAGONAL JUNCTION BOX WITH SCREW THREADS SET AT THE 2 & 8 O'CLOCK POSITIONS FOR THE ANSUL PULL STATION. PROVIDE A 1/2" CONDUIT FROM THE J-BOX TO 6" ABOVE THE CEILING AND TERMINATE WITH A CONDUIT BUSHING. COORDINATE EXACT LOCATION WITH THE ANSUL SYSTEM INSTALLER AND THE FIRE MARSHALL PRIOR TO ROUGH-IN.

6 HOOD CONTROL PANEL AND ANSUL CABINET SHALL BE LOCATED WITHIN THE INTEGRAL HOOD UTILITY CABINET. PROVIDE FINAL ELECTRICAL CONNECTIONS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.

7 EXISTING PLYWOOD ON WALL FOR EXISTING TELEPHONE BLOCK TO BE REUSED. FIELD COORDINATE WITH TENANT PRIOR TO START OF WORK.

8 PROVIDE AN EMPTY SINGLE GANG J-BOX FOR VOLUME CONTROLS. INSTALL THE CAT5 VOLUME CONTROL WIRE FURNISHED BY THE TENANT FROM THE J-BOX TO THE AMPLIFIER IN THE OFFICE WITH 3 FEET OF SLACK AT EACH END.

9 COORDINATE DATA/POWER RECEPTACLE MOUNTING REQUIREMENTS WITH THE CASE WORK INSTALLER PRIOR TO ROUGH-IN.

10 PROVIDE ROUGH-INS FOR LAUNCHPORT AS NOTED AND INSTALL LAUNCHPORT FURNISHED BY CHIPOTLE PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH THE WALLSTATION AT 62" AFF AND THE WALL PLATE DIRECTLY ABOVE THE WALLSTATION AT 90" AFF. SEE ARCHITECTURAL DRAWINGS FOR HORIZONTAL LOCATION OF WALL PLATE AND WALLSTATION. PROVIDE SINGLE-GANG J-BOX AT 90" AFF FOR THE WALL PLATE INSTALLATION, A 4" X 2-1/8" DEEP OCTAGON J-BOX AT 62" AFF FOR THE WALLSTATION INSTALLATION, AND A 3/4" CONDUIT BETWEEN THE TWO J-BOXES. PROVIDE A 22 GAUGE 2 CONDUCTOR CABLE BETWEEN THE WALLSTATION AND THE WALL PLATE J-BOXES WITH 6" SLACK AT EACH END. PROVIDE RECEPTACLE AT 90" AFF NEXT TO THE WALL PLATE J-BOX AS SHOWN. THE RECEPTACLE AND WALL PLATE AT 90" AFF SHALL BE CONCEALED FROM PUBLIC VIEW BY THE HOOD.

11 PROVIDE AN EMPTY 1" CONDUIT WITH PULL STRING FROM THE BASE BUILDING'S TELEPHONE SERVICE ENTRANCE LOCATION TO THE SPACE ABOVE THE OFFICE CEILING.

12 PROVIDE A SUITABLE LENGTH OF LIQUID-TIGHT CONDUIT TO THE EXHAUST FAN EF-1 TO ALLOW THE EXHAUST FAN TO HINGE COMPLETELY OPEN WHEN THE VIROGUARD SYSTEM IS INSTALLED.

13 AFTER THE FAX LINE, POS, AND OFFICE EQUIPMENT IS INSTALLED PROVIDE CHILDPROOF RECEPTACLE COVERS ON UNUSED IG RECEPTACLES AT THE FAX LINE, POS, AND OFFICE.

14 PROVIDE ONE PHASE, ONE NEUTRAL, AND ONE GROUND CONDUCTOR FROM THE ICE MAKER TO THE REMOTE CONDENSING UNIT.

15 UNIT SHALL HAVE AN INTEGRAL NON-FUSED DISCONNECT SWITCH.

16 INSTALL DOOR CHIME AT 96" AFF. SEE ARCHITECTURAL DOOR EQUIPMENT FOR EQUIPMENT INFORMATION.

17 INSTALL THE BYPASS DISTRIBUTION PANEL (BDP) FURNISHED BY THE TENANT. INSTALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DETAIL 3/E710.

18 ROUGH-INS TO SERVE LINE AND POS EQUIPMENT ARE UNDERGROUND. COORDINATE ROUGH-IN REQUIREMENTS AND LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.

19 ROOFTOP UNIT SHALL HAVE AN INTEGRAL UNIT-MOUNTED GFCI RECEPTACLE. PROVIDE CONNECTION TO CIRCUIT SHOWN.

20 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLE IN THE J-BOX INTEGRAL TO PREP TABLE FOR UNDERCOUNTER REFRIGERATOR. PROVIDE FINAL CONNECTION TO CARVING STATION HEATER.

21 PROVIDE VERTICAL METAL DIE CAST WEATHERPROOF WHILE IN USE OUTLET COVER ON RECEPTACLES AT COOK LINE. COVER SHALL BE INTERMATIC WP1010MXD FOR SINGLE GANG BOXES AND WP1030MXD FOR DOUBLE GANG BOXES. NO SUBSTITUTIONS SHALL BE ACCEPTED.

22 LABEL BATTERY-PROTECTED RECEPTACLES "BATTERY-PROTECTED: DISCONNECT AT PANEL BDP".

23 LABEL MAIN DISCONNECT SWITCH AND PANEL A "WARNING: BATTERY-PROTECTED RECEPTACLES IN USE. DISCONNECT AT PANEL BDP."

24 PROVIDE A NEMA 5-20P FLANGED INLET (LEVITON MODEL #15378-C) AND A SINGLE NEMA 5-20R RECEPTACLE IN OFFICE FOR CONNECTION TO A CENTRAL UPS SYSTEM. CONNECT THE FLANGED INLET AND THE SINGLE RECEPTACLE TO THE TERMINAL BLOCK IN THE BDP PER THE MANUFACTURER'S INSTRUCTIONS. PROVIDE FINAL CONNECTION FROM FLANGED INLET TO THE OUTPUT OF THE UPS USING A 2'-LONG 20A EXTENSION CORD. PLUG THE UPS INTO THE SINGLE RECEPTACLE.

25 CONNECT RESTROOM EXHAUST FAN TO CIRCUIT SHOWN THROUGH THE LIGHTING CONTROL PANEL (LCP).

26 INSTALL 16/2 SPEAKER WIRE FURNISHED BY OWNER. INSTALL SPEAKER WIRE BETWEEN SPEAKERS IN THE DINING ROOM AS SHOWN AND TO THE AMPLIFIER IN THE OFFICE WITH 3 FEET OF SLACK AT EACH END. THERE SHALL BE TWO SPEAKER WIRE HOMERUNS WITH THREE SPEAKERS ON EACH HOMERUN. SEE ARCHITECTURAL PLANS FOR SPEAKER LOCATIONS. ADJUST EACH SPEAKER 70V TAP SETTING TO BE 15 WATTS.

27 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLES IN THREE J-BOXES INTEGRAL TO PREP TABLES (FOR UNDERCOUNTER REFRIGERATOR, HOT HOLDING CABINET, AND GENERAL RECEPTACLE).

28 PROVIDE GFCI RECEPTACLE AND J-BOX AND INSTALL CO2 ALARM FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.

29 PROVIDE J-BOX AND INSTALL CO2 ALARM REMOTE DISPLAY UNIT FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.

30 INSTALL WALK-IN-COOLER EXTERNAL READOUT THERMOMETER REMOTE PROBE ON WALL OPPOSITE FROM DOOR AS SHOWN. ROUTE TEMPERATURE PROBE WIRE ABOVE WALK-IN COOLER CEILING PANELS, SEAL PENETRATIONS THROUGH THE CEILING PANELS, AND SECURE VERTICAL PROBE WIRE TIGHT TO WALLS. NO EXCESS PROBE WIRE SHALL BE WITHIN THE WALK-IN COOLER.

31 PROVIDE RECEPTACLE FOR RESTROOM HAND SINK FAUCET AS SHOWN IN DETAIL 14/P700.

32 PROVIDE 4" SQUARE J-BOX ON EXTERIOR WALL FOR MOUNTING OF EXTERIOR CAMERA. SEE ARCHITECTURAL ELEVATION FOR EXACT HEIGHT AND LOCATION. PROVIDE 3/4" CONDUIT WITH PULLSTRING FROM J-BOX TO ABOVE LAY-IN CEILING AREA IN KITCHEN. J-BOX SHALL NOT BE SURFACE MOUNTED. BASE OF CAMERA SHALL BE MOUNTED FLUSH TO EXTERIOR WALL FINISH.

33 PROVIDE 1" CONDUITS FROM LOW-VOLTAGE J-BOXES AT POS COUNTER CONCEALED WITHIN THE SERVE LINE WIRING CHASE TO THE WALL, THEN CONCEALED WITHIN THE WALL AND ABOVE THE CEILING TO ABOVE THE OFFICE CEILING.

35 INSTALL VEHICLE DETECTOR SYSTEM FURNISHED BY TLS SURFACE-MOUNTED ON WALL 12" BELOW CEILING AND CONNECT TO STROBE/CHIME AND DETECTOR LOOPS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. MAKE FINAL ADJUSTMENTS TO LOOP SENSITIVITY PER THE MANUFACTURER'S INSTRUCTIONS. ONCE ALL COMPONENTS ARE INSTALLED AND OPERATIONAL THE CHIME/STROBE LIGHT SHOULD STAY ILLUMINATED AND THERE SHOULD BE A SINGLE CHIME WHEN A VEHICLE DRIVES OVER OR STOPS ON EITHER LOOP.

36 SEAL INTERIOR AND EXTERIOR OF CONDUITS THAT PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.

37 PROVIDE ISLAND PREP TABLE FOOD WARMER RECEPTACLE WITH GROUND PIN TOWARDS THE BOTTOM OF THE RECEPTACLE.

38 INSTALL TRANSFORMER FURNISHED BY TUV WITH THE REME HALO AIR PURIFIER IN THE JUNCTION BOX ON THE EXTERIOR OF THE RTU PER DETAIL 6/M700. CONNECT LINE SIDE OF THE TRANSFORMER TO THE RTU SERVICE RECEPTACLE CIRCUIT SO THAT REME HALO RUNS CONTINUOUSLY. CONNECT THE LOW VOLTAGE SIDE OF THE TRANSFORMER TO THE REME HALO USING THE INCLUDED BARREL PLUG.

39 PROVIDE (2) 10"X10"X4" JUNCTION BOXES (J-BOX #1/J-BOX #2) ON THE WALL ABOVE PANELBOARDS 6" BELOW THE LAY-IN CEILING AND MOUNTED ADJACENT TO EACH. PROVIDE CONDUITS AND WIRING SHOWN IN DETAIL 8/E710. TEMS SHALL PROVIDE GRIDPOINT 3 PHASE METER AND TRANSFORMER WITHIN J-BOX #1 AND GRIDPOINT IOM/HUB WITHIN J-BOX #2. SEE GRIDPOINT INSTALLATION SHEET FOR DETAILS.

40 PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION. PROVIDE CONDUITS AND WIRING AS SHOWN IN DETAIL 8/E710.

41 INSTALL WIRED DOOR BUZZER AT 96" AFF. SEE ARCHITECTURAL DOOR EQUIPMENT FOR EQUIPMENT INFORMATION. CONNECT TO CIRCUIT SHOWN THROUGH THE TRANSFORMER FURNISHED WITH THE DOOR BUZZER. PROVIDE WIRING TO A BUTTON ADJACENT TO THE SERVICE DOOR AND CONNECT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

42 CONNECT BATHROOM SANITIZER TO CIRCUIT SHOWN SO THAT IT IS ENERGIZED AT ALL TIMES.

43 PROVIDE POWER AND LOW VOLTAGE CONNECTIONS TO DISH SANITIZING MACHINE PER DETAIL 7/E710. CONNECT THE DETERGENT DISPENSER TO THE DISH MACHINE USING THE INCLUDED WIRING HARNESS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

44 PROVIDE RECEPTACLE FOR 2-DOOR AND/OR 1-DOOR REFRIGERATOR WITH GROUND PINS TOWARDS THE BOTTOM OF THE RECEPTACLE.

45 PROVIDE CORD AND NEMA 5-20P PLUG FROM UTENSIL COUNTER ICE MAKER, THROUGH UTENSIL COUNTER, TO ICE MAKER RECEPTACLE.

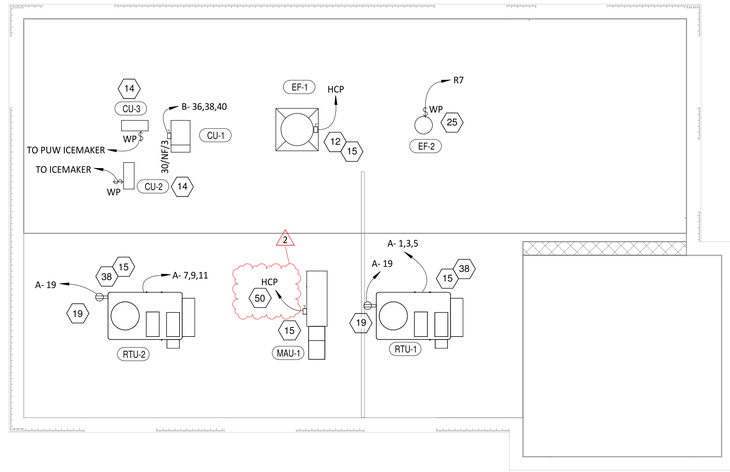
46 LABEL UTENSIL COUNTER RECEPTACLES "TRACTOR BEVERAGE", "ICE MAKER/IMSB", AND "SODA FOUNTAIN".

47 LABEL RECEPTACLE "UV INSECT TRAP".

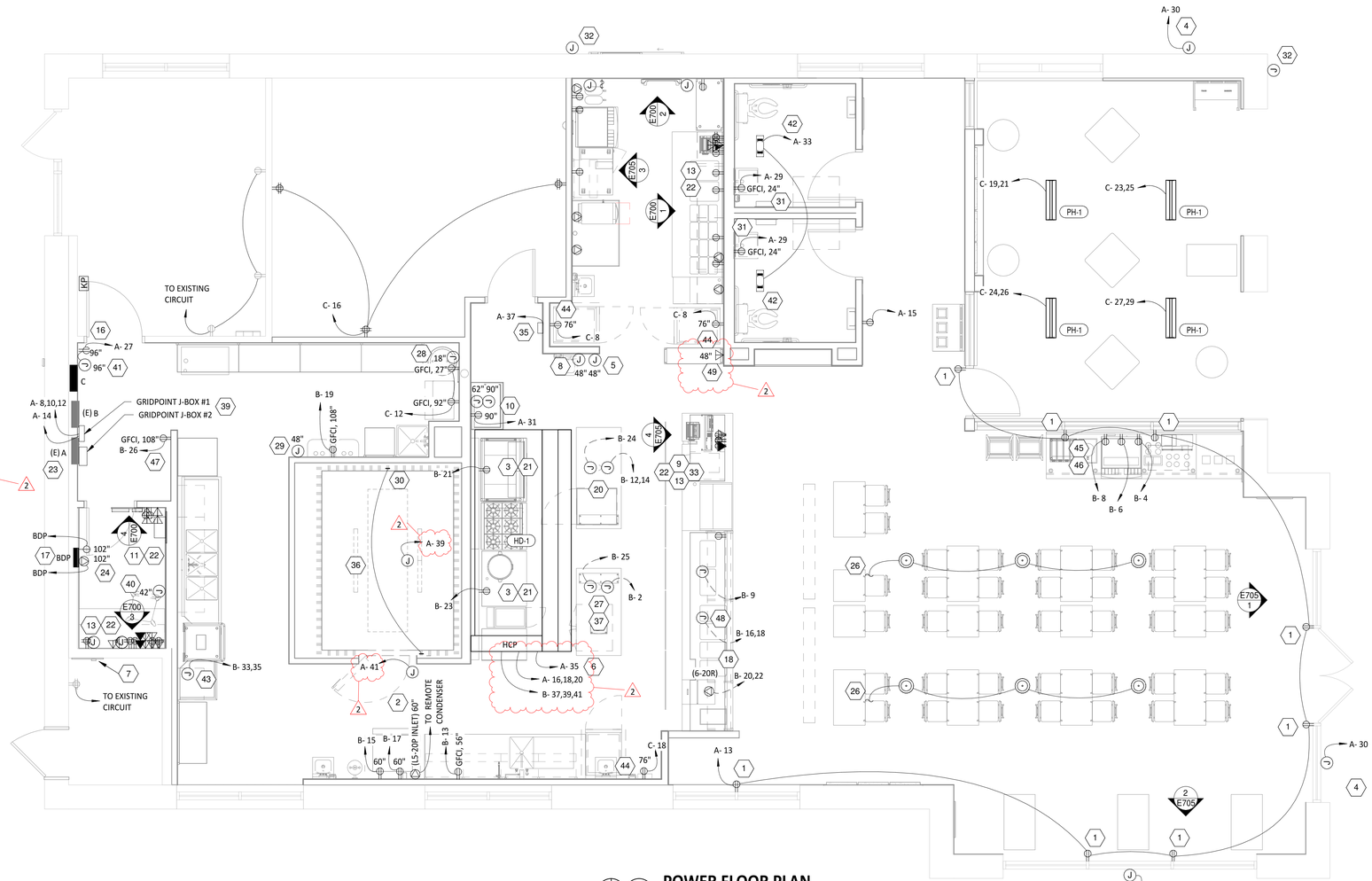
48 IF NEUTRAL CONDUCTOR IS NOT NEEDED FOR SERVE LINE HOT FOOD SERVER TERMINATE NEUTRAL IN JUNCTION BOX.

49 PROVIDE SINGLE-GANG J-BOX FOR DATA JACK AS SHOWN FOR KRONOS TIME CLOCK.

50 PROVIDE A TWO-CONDUCTOR LOW VOLTAGE WIRE FROM MAU-1 TO THE HOOD CONTROL PANEL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



2 E110 **POWER ROOF PLAN**
1/8" = 1'-0"



1 E110 **POWER FLOOR PLAN**
1/4" = 1'-0"

Consultant:

NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

STATE OF WASHINGTON · JASON L. DECKER · 40036 · REGISTERED PROFESSIONAL ENGINEER

Signed On
10/05/202112:38:22 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

2	8 SEP 21	CLEINT REVISION

Drawn: JLD
Checked: AJJ

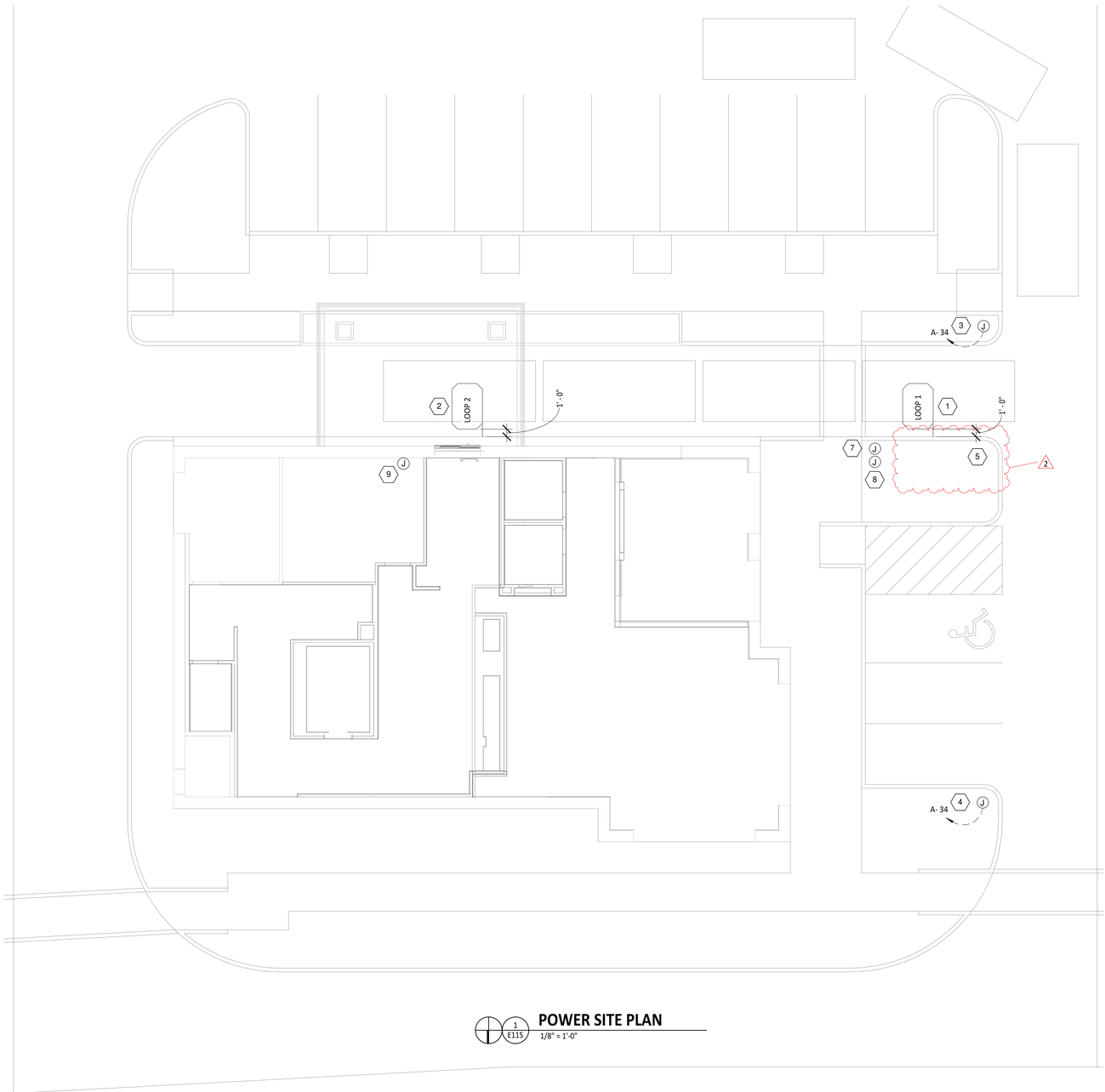
Project No.
2102029

Contents:
ELECTRICAL POWER PLAN

E110

ELECTRICAL POWER PLAN NOTES

1. INSTALL VEHICLE DETECTION LOOP FURNISHED BY TLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN DETECTOR LOOP WITH MARKETING SIGN.
2. INSTALL VEHICLE DETECTION LOOP FURNISHED BY TLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN DETECTOR LOOP TO BE CENTERED ON THE PICK-UP WINDOW.
3. CONNECT ANNOUNCE SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 5/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
4. CONNECT DIRECTIONAL SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 5/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
5. PROVIDE EMPTY CONDUIT WITH PULL STRING TO CLEARANCE BAR. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
7. PROVIDE 1" SPARE LOW VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
8. PROVIDE 1" SPARE LINE VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
9. PROVIDE INTERIOR J-BOXES AT 11'-0" AFF FOR LINE VOLTAGE AND LOW VOLTAGE SITE WIRING. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.

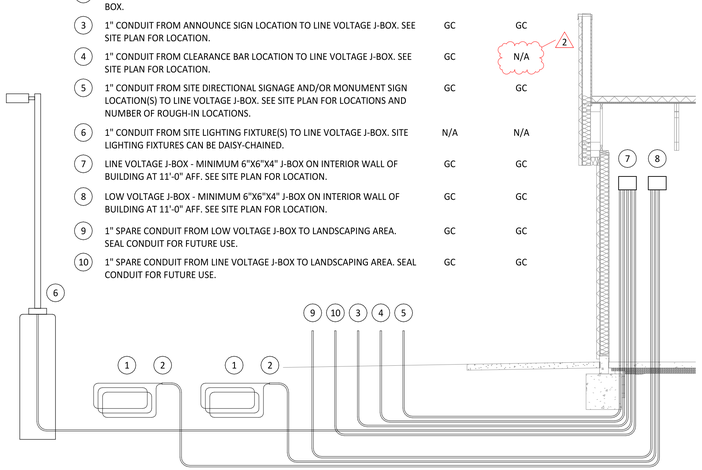


POWER SITE PLAN
2/E115 — 1/8" = 1'-0"

TAG	DESCRIPTION	RESPONSIBILITY: DEVICE OR CONDUIT	RESPONSIBILITY: CONNECTION OR CONDUCTORS
1	VEHICLE DETECTOR LOOP - 6'x4' WITH 4 TURNS (EMX PR-46-XX). VERIFY LENGTH OF LEAD-IN WIRE PRIOR TO ORDERING TO ALLOW WIRE TO REACH VEHICLE DETECTOR WITHOUT SPLICING. SEE SITE PLAN FOR LOCATIONS.	GC	GC
2	1" CONDUIT FROM VEHICLE DETECTOR LOOP LOCATION TO LOW VOLTAGE J-BOX.	GC	GC
3	1" CONDUIT FROM ANNOUNCE SIGN LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.	GC	GC
4	1" CONDUIT FROM CLEARANCE BAR LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.	GC	N/A
5	1" CONDUIT FROM SITE DIRECTIONAL SIGNAGE AND/OR MONUMENT SIGN LOCATION(S) TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATIONS AND NUMBER OF ROUGH-IN LOCATIONS.	GC	GC
6	1" CONDUIT FROM SITE LIGHTING FIXTURE(S) TO LINE VOLTAGE J-BOX. SITE LIGHTING FIXTURES CAN BE DAISY-CHAINED.	N/A	N/A
7	LINE VOLTAGE J-BOX - MINIMUM 6"X6"X4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR LOCATION.	GC	GC
8	LOW VOLTAGE J-BOX - MINIMUM 6"X6"X4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR LOCATION.	GC	GC
9	1" SPARE CONDUIT FROM LOW VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.	GC	GC
10	1" SPARE CONDUIT FROM LINE VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.	GC	GC

GENERAL NOTES

A. WORK AND MATERIALS SHALL BE COMPLIANT WITH THE NEC AND REQUIREMENTS OF THE AHJ.
B. CONDUCTORS AND CONNECTIONS BELOW GRADE, EVEN WHERE WITHIN CONDUITS OR ENCLOSURES, SHALL BE SUITABLE FOR WET LOCATIONS.
C. PROVIDE PULL STRING IN EMPTY CONDUITS.
D. SEAL ENDS OF CONDUITS STUBBED UP ABOVE GRADE TO PROTECT FROM THE ELEMENTS.



SITE CONDUIT DETAIL
2/E115 — N.T.S.

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:22 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

2	8 SEP 21	CLEINT REVISION

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
ELECTRICAL SITE POWER PLAN

E115

LIGHTING FIXTURE SCHEDULE

TAG	QTY.	TYPE	MOUNT	FURN. BY	INST. BY	MANUFACTURER	MODEL	LAMP(S)	VOLTS	WATTS	SPECIAL REQUIREMENTS
(E)	4	EXISTING 2x2 LED TROFFER	LAY-IN	--	--	EXISTING TO REMAIN		(1) 3000K LED	120	30	
A1	10	2x2 LED LENSED TROFFER	LAY-IN	TLS	GC	NORA LIGHTING	NPDRL-422/334 W	(1) 3000K LED	120	30	COMPATIBLE WITH 0-10V DIMMING, FACTORY LOCKED TO 3000K
B1	29	RECESSED 6IN CAN LIGHT	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATTL with NTM-57W/M1 Trim	(1) 17W ECOSTORY ECO-PAR38C-17-GU24-27K-25D LED [25°-2700K] W/ GU 24-BASE	120	17	
B2	6	RECESSED 6IN CAN LIGHT W/ LED TRIM	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATTL WITH NLCBC-65130WW LED TRIM	INTEGRAL 3000K LED	120	17	LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER
B4	12	WET-LISTED RECESSED 6IN CAN LIGHT	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATTL with NTM-57W/M1 Trim	(1) 17W ECOSTORY ECO-PAR38C-17-GU24-27K-25D LED [25°-2700K] W/ GU 24-BASE	120	17	
C0	2	LOW PROFILE LED - 1 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/12/WW	INTEGRAL 3000K LED	120	5	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C2	3	LOW PROFILE LED - 3 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/34/WW	INTEGRAL 3000K LED	120	12	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C3	6	LOW PROFILE LED - 4 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/46/WW	INTEGRAL 3000K LED	120	15	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C4	8	LOW PROFILE LED - 5 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/59/WW	INTEGRAL 3000K LED	120	18	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
E1	2	EMERGENCY LIGHT - DUAL HEAD	VARIOUS	TLS	GC	EXITRONIX	LED-90	(2) SPECIAL LED	120	2	90 MINUTE BATTERY BACKUP
E2	3	EXTERIOR REMOTE EMERGENCY LIGHT	VARIOUS	TLS	GC	EXITRONIX	MLED1-B-WP	(1) SPECIAL LED	4	1	LOW VOLTAGE REMOTE EMERGENCY LIGHT POWERED BY REMOTE-CAPABLE EXIT SIGN WITH MOUNTING PLATE
E4	6	WHITE EXIT SIGN WITH EMERGENCY LIGHT - STANDARD RED LETTERS	VARIOUS	TLS	GC	EXITRONIX	CLED-U-WH	(1) SPECIAL LED	120	2	90 MINUTE BATTERY BACKUP WITH INTEGRAL EMERGENCY LIGHT, REMOTE HEAD CAPABLE
E7	7	EMERGENCY LIGHT	VARIOUS	TLS	GC	DUAL-LITE	EV2	(2) 1W INTEGRAL LED	120	1	90 MINUTE BATTERY BACKUP
H1	9	VAPOR PROOF HOOD LIGHT	SURFACE	THS/TLS	THS	FURNISHED W/ HOOD	FURNISHED WITH HOOD	(1) TCP L16A19N1527K	120	15	INSTALL LAMP FURNISHED SEPARATELY BY LIGHTING SUPPLIER
J4	2	DECORATIVE PENDANT	SURFACE	TLS	GC	BARNLIGHT	BLE-C-CPT10-ASH-100-SBK-100-CAW	GREEN CREATIVE 94190IM/927/GU24/R	120	9	WITH BLACK LAMPSHADE, BLACK CORD, AND OAK LAMPHOLDER
P5	6	PENDANT	SURFACE	TLS	GC	HI-LITE MFG	H-LC-91/CB12-91/20W LBL	TCP FG25D4027CCQ	120	5	ADJUST CORD LENGTH FOR MOUNTING HEIGHT CALLED FOR IN ARCHITECTURAL DRAWINGS
P6	2	DECORATIVE DINING ROOM PENDANT	SURFACE	TLS	GC	FLOS	FU090308LS03	INTEGRAL LED	120	48	HARDWIRED SET OF (3) 4.8M BLACK WITH MULTPICANOPY AND 9M CABLES
S1	1	DRIVE-UP PICK-UP WINDOW CHIME/STROBE	WALL	TLS	GC	FEDERAL SIGNAL	SLM500B W/ SLMBW-012-024	INTEGRAL	16	0	SET SWITCH A TO "CHIME 1 SINGLE" (10111) AND SWITCH B TO "CHIME 2 SINGLE" (01111)
T1	14	TRACK HEAD	TRACK	TLS	GC	JUNO	R6OSL 30K 90CRI PDIM WFL BL	INTEGRAL LED	120	10	BLACK CYLINDER TRACK HEAD W/ UNIVERSAL 120V TRAC ADAPTER AND WIDE FLOOD BEAM
T-6	4	TRACK (6 FEET)	SURFACE	TLS	GC	JUNO	T-BFT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
T-8	1	TRACK (8 FEET)	SURFACE	TLS	GC	JUNO	T-BFT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
TCL-0.5	1	CURRENT LIMITER (60W)	SURFACE	TLS	GC	JUNO	TCLPM11 BL W/ TCLCB 0.5A BLCK	N/A	120	0	BLACK CURRENT LIMITING END FEED
TCL-1	1	CURRENT LIMITER (120W)	SURFACE	TLS	GC	JUNO	TCLPM11 BL W/ TCLCB 1A BLCK	N/A	120	0	BLACK CURRENT LIMITING END FEED
U	2	4FT LED UTILITY DAMP LOCATION STRIP LIGHT	CEILING	LS	GC	ACUITY LIGHTING	CLK-L4B-3000LM-SEF-FDL-MVOLT-GZ10-40K-80CRI-WH	4000K INTEGRAL LED, 3000 LUMENS	120	20	PROVIDE UNIT-MOUNTED OCCUPANCY SENSOR
W1	4	WIC LED FIXTURE	SURFACE	WCS	GC	FURNISHED WITH WIC	FURNISHED WITH WIC	INTEGRAL LED	120	29	WET-RATED COOLER FIXTURE

LIGHTING FIXTURE SCHEDULE NOTES:
A. FLUORESCENT LAMPS NOT INCLUDED WITH THE FIXTURES RE TO BE MANUFACTURED BY SYLVANIA UNLESS OTHERWISE NOTED. PHILIPS FLUORESCENT LAMPS WILL BE AN ACCEPTABLE ALTERNATE.
B. SEE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT LOCATIONS.
C. SEE THE ARCHITECTURAL LIGHTING DETAILS FOR FIXTURE CONSTRUCTION DETAILS.

LIGHTING CONTROL PANEL SCHEDULE: LCP

RELAY	PANEL	CIRCUIT	AREA SERVED	CONTROL	TIME ON	TIME OFF	DIMMER CONTROL	NOTES
R1	A	24	DINING ROOM	TIMECLOCK	10:00:00 AM	12:00:00 AM	MANUAL DIMMING	SINGLE POLE (NC)
R3	A	24	DINING ROOM DL	TIMECLOCK	10:00:00 AM	12:00:00 AM	PHOTOCELL + MANUAL DIMMING	SINGLE POLE (NC)
R5	A	24	DINING ROOM DL	TIMECLOCK	10:00:00 AM	12:00:00 AM	PHOTOCELL + MANUAL DIMMING	SINGLE POLE (NC)
R7	A	22	RESTROOM EXHAUST FAN	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R2	A	26	FRONT KITCHEN A	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R4	A	26	FRONT KITCHEN B	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R6	A	28	BACK KITCHEN A	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R8	A	28	BACK KITCHEN B	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)

LIGHTING CONTROL COMPONENTS SCHEDULE

	DESCRIPTION	QTY.	FURN. BY	INST. BY	MANUFACTURER	MODEL	REMARKS
LCP	BLUE BOX LTD LIGHTING CONTROL PANEL	1	TLS	GC	ACUITY	GR140B LTD ENC HL FM NE1 WITH GR140B LTD INT BFCR ISYM DTC DV D6	8 RELAY PANEL FOR DIMMING CONTROL WITH FLUSH MOUNT ENCLOSURE, DIGITAL TIME CLOCK, AND 6 INPUT CARD
○	CEILING-MOUNTED OCCUPANCY SENSOR	1	TLS	GC	ACUITY	CM PDT 9 R	DUAL TECHNOLOGY DETECTION WITH SMALL MOTION 360 DEGREE SMALL MOTION COVERAGE AND LOW VOLTAGE RELAY
●	CEILING-MOUNTED OCCUPANCY SENSOR AND DIMMING PHOTOCELL	1	TLS	GC	ACUITY	CM PDT 9 R P	DUAL TECHNOLOGY DETECTION WITH SMALL MOTION 360 DEGREE SMALL MOTION COVERAGE, LOW VOLTAGE RELAY, AND PHOTOCELL
R	DIMMING RELAY	2	TLS	GC	ACUITY	nSPS PCD ELV120	REVERSE-PHASE DIMMING
I	INPUT DEVICE	2	TLS	GC	ACUITY	nIO 1S	0-10V DIMMING SIGNAL INPUT
●	OUTDOOR PHOTOCELL	1	TLS	GC	ACUITY	nIO PC KIT	WITH nIO NLI INPUT DEVICE, OUTDOOR PHOTOCELL, AND PS150 POWER SUPPLY
P	POWER PACK	2	TLS	GC	ACUITY	nPS 80	80 mA POWER SUPPLY
$C	WALL-MOUNTED CHELSEA SWITCH	2	TLS	GC	ACUITY	CHELSEA	SEE LIGHTING CONTROL DIAGRAM FOR SWITCH CONFIGURATION
$D	WALL-MOUNTED DIMMER SWITCH	3	TLS	GC	COOPER	SAL06P-W	SLIDE DIMMER COMPATIBLE WITH UP TO 300W LED LIGHTING. SET AT 50%. IF DINING ROOM LIGHTS FLICKER AT THIS DIMMER SETTING THEN GC SHALL PROVIDE LUTRON DVCL-253P DIMMER AS REPLACEMENT.
$OC	WALL-MOUNTED LINE VOLTAGE OCCUPANCY SENSOR	3	TLS	GC	HUBBELL	LHMTS 1-N-WH	WHITE DUAL TECHNOLOGY SINGLE RELAY WITH 1 BUTTON AND NEUTRAL WIRING

VOLTS: 208/120V Wye
PHASES: 3
WIRES: 4
MOUNTING: Recessed
ENCLOSURE: Type 1

PANEL: B (E)
MAINS: LUGS
AMPERAGE: 400 A
MCB RATING: --------

CKT #	DESCRIPTION	C/B [A]	# PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [kVA] A		LOAD [kVA] B		LOAD [kVA] C		LOAD TYPE	LOAD [A]	NOTES	# PLS	C/B [A]	DESCRIPTION	CKT #
1	ICE MAKER Máquina para hacer hielo	20	2	GFCI	0.0	F	0.0	1.4					F	11.3		1	20	FOOD PREP TABLE (ISLAND) Mesa para la preparación de alimentos (isla)	2
3									0.0	1.1			F	9.4	GFCI	1	20	SODA SYSTEM DISPENSER Dispensador para el sistema de refrescos	4
5	SPARE	20	1		--	--					0.0	1.4	F	12.0	GFCI	1	20	ICE MAKER - UTENSIL COUNTER Máquina para hacer hielo	6
7	READY-TO-DRINK REFRIGERATOR	20	1	GFCI	8.8	F	1.1	1.0					F	8.5	GFCI	1	20	FUTURE EQUIPMENT	8
9	COLD TOP (SERVE LINE) Tabla fria (línea de servicio)	20	1		12.0	F			1.4	0.0			--	--		1	20	SPARE	10
11	SPARE	20	1		--	--					0.0	1.0	F	10.0		2	20	CARVING STATION Estación para cortar carnes	12
13	FOOD PREP TABLE Mesa para la preparación de alimentos	20	1		11.3	F	1.4	1.0											14
15	ICE MAKER SANITIZER Desinfectante de la máquina para hacer hielo	20	1	GFCI	1.5	F			0.2	2.1			F	20.0		2	30	HOT FOOD SERVER (SERVE) (2-#10, #10 N., #10 G. in 3/4" C.) Servidor de alimentos	16
17	ICE MAKER Máquina para hacer hielo	20	1	GFCI	16.0	F					1.9	2.1							18
19	GAS WATER HEATER Calentador de agua a gas	20	1		5.0	F	0.6	1.4					F	13.0	GFCI	2	20	TORTILLA PRESS (SERVE LINE) (2-#10, #10 G. in 3/4" C.) Calentador de tortillas	20
21	GAS GRIDDLE Plancha de gas	20	1	GFCI	1.5	F			0.2	1.4									22
23	GAS FRYER Freidora de gas	20	1	GFCI	0.6	F					0.1	0.3	F	2.6		1	20	REFRIGERATOR (COOK LINE) Refrigerador (linea para cocinar)	24
25	FOOD WARMER (RICE TABLE) Calentador de alimentos (mesa para el arroz)	15	1		1.5	F	0.2	0.2					F	1.5		1	20	UV INSECT LIGHT TRAP	26
27	SPARE	20	1		--	--			0.0	2.1									28
29	TORTILLA PRESS (SML) (2-#10, #10 G. IN 3/4" C.) Calentador de tortillas (linea del fax)	20	2	GFCI	13.0	F					1.4	2.1	F	20.0	GFCI	2	30	HOT FOOD SERVER (SML) (2-#10, #10 N., #10 G. in 3/4" C.) Servidor de alimentos calientes (linea de fax)	30
31							1.4	1.4					F	11.7	GFCI	1	20	FOODWARMER (SML) Calentador de alimentos (linea de fax)	32
33	DISH MACHINE (2-#10, #10 G. IN 3/4" C.) Lavavajillas	30	2		25.0	F			2.6	1.2			F	10.0	GFCI	1	20	COLD TOP (SML) Tabla fria (linea de fax)	34
35											2.6	0.8							36
37	HOOD MAKEUP AIR FAN (MAU-1) (3-#12, #12 G. IN 3/4" C.)	20	3		5.9	E	0.7	0.8					F	6.5		3	15	CU-1 (3-#10, #10 G. IN 3/4" C.)	38
39									0.7	0.8									40
41											0.7	0.0	--	--		1	20	SPARE	42
	PHASE TOTAL [kVA]:						**12.4 kVA**		**13.7 kVA**		**14.4 kVA**								
	PHASE TOTAL [AMPS]:						**103 A**		**116 A**		**122 A**								

VOLTS: 208/120V Wye
PHASES: 3
WIRES: 4
MOUNTING: Recessed
ENCLOSURE: Type 1

PANEL: C
MAINS: LUGS
AMPERAGE: 100 A
MCB RATING: --------

PROVIDE PANEL C AND BREAKERS AS SHOWN.

CKT #	DESCRIPTION	C/B [A]	# PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [kVA] A		LOAD [kVA] B		LOAD [kVA] C		LOAD TYPE	LOAD [A]	NOTES	# PLS	C/B [A]	DESCRIPTION	CKT #
1	QUESADILLA MAKER - PUW (2-#10, #10 G. IN 3/4" C.)	30	2	GFCI	28.0	F	2.9	0.2					F	1.5	GFCI	1	20	UNDERCOUNTER COOLER (PUVW)	2
3									2.9	1.5			F	12.5	GFCI	1	20	ICE MAKER (PUVW) Maquina para hace hielo	4
5	QUESADILLA MAKER - PUW (2-#10, #10 G. IN 3/4" C.)	30	2	GFCI	28.0	F					2.9	0.2	F	1.5	GFCI	1	20	SODA SYSTEM DISPENSER (PUVW)	6
7							2.9	1.2					F	10.0	GFCI	1	20	UPRIGHT REFRIGERATOR - 1 DOOR Refrigerador vertical	8
9	PUW AIR CURTAIN (2-#10, #10 G. IN 3/4" C.)	25	2		20.2	D			2.1	0.2			E	1.5		1	20	PICK-UP WINDOW	10
11											2.1	1.3	F	10.9		1	20	CARBONATOR/CO2 ALARM Sistema de carbonatación y alarma de CO2	12
13	SPARE	20	1		--	--	0.0	0.0					A	0.3		1	20	STORAGE ROOM LIGHTS	14
15	SPARE	20	1		--	--			0.0	1.1			G	9.0		1	20	STORAGE ROOM RECEPTACLES	16
17	SPARE	20	1		--	--					0.0	0.6	F	5.0		1	20	UPRIGHT REFRIGERATOR - 1 DOOR Refrigerador vertical	18
19	PATIO HEATER	20	2		14.4	D	1.5	--					--	--		1	--	SPACE	20
21									1.5	--			--	--		1	--	SPACE	22
23	PATIO HEATER	20	2		14.4	D					1.5	1.5	D	14.4		2	20	PATIO HEATER	24
25							1.5	1.5											26
27	PATIO HEATER	20	2		14.4	D			1.5	--			--	--		1	--	SPACE	28
29											1.5	--	--	--		1	--	SPACE	30
	PHASE TOTAL [kVA]:						**11.7 kVA**		**10.8 kVA**		**11.6 kVA**								
	PHASE TOTAL [AMPS]:						**99 A**		**90 A**		**98 A**								

PANELS A & B ARE EXISTING TO BE REMAIN. REUSE BREAKERS WHERE POSSIBLE. PROVIDE BREAKERS AS NCESSARY FOR COMPLETE PANELBOARDS.

VOLTS: 208/120V Wye
PHASES: 3
WIRES: 4
MOUNTING: Recessed
ENCLOSURE: Type 1

PANEL: A (E)
MAINS: LUGS
AMPERAGE: 400 A
MCB RATING: --------

CKT #	DESCRIPTION	C/B [A]	# PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [kVA] A		LOAD [kVA] B		LOAD [kVA] C		LOAD TYPE	LOAD [A]	NOTES	# PLS	C/B [A]	DESCRIPTION	CKT #
1							5.5	0.0											2
3	AIR CONDITIONER - KITCHEN (RTU-1) (3-#6, #10 G. in 1" C.)	60	3	HACR	46.1	C			5.5	0.0			-	0.0		3	60	TVSS (4-#6, #10 G. IN 1" C.)	4
5											5.5	0.0							6
7							5.5	0.0											8
9	AIR CONDITIONER - DINING ROOM (RTU-2) (3-#6, #10 G. in 1" C.)	60	3	HACR	46.1	C			5.5	0.0			-	0.0		3	20	GRIDPOINT 3 PHASE METER (4-#12, #12 G. IN 3/4" C.)	10
11											5.5	0.0							12
13	RECEPTACLES - STOREFRONT Receptáculos - Frente del restaurante	20	1		12.0	G	1.4	0.2					G	1.5		1	20	GRIDPOINT TRANSFORMER	14
15	RECEPTACLES - DINING Receptáculos - Comedor	20	1		1.5	G			0.2	0.7									16
17	Panel BDP	20	1		18.0	G					2.2	0.7	E	5.9		3	20	HOOD EXHAUST FAN (EF-1) (3-#12, #12 G. IN 3/4" C)	18
19	RECEPTACLES - ROOFTOP Receptáculos - Techo	20	1		3.0	G; A	0.4	0.7											20
21	RECEPTACLES - POS GENERAL Receptáculos - Cajero general	20	1		6.0	G			0.7	0.5			E	4.4		1	15	RESTROOM FAN (EF-2)	22
23	SECURITY/AUDIO Seguridad y audio	20	1		3.0	G					0.4	0.6	A	4.7		1	20	LIGHTING - DINING ROOM Iluminación - Comedor	24
25	TELEPHONE BACKBOARD El tablero del teléfono	20	1		1.5	G	0.2	0.9					A	7.6		1	20	LIGHTING - FRONT KITCHEN Iluminación - Cocina de en frente	26
27	RECEPTACLES - OFFICE Receptáculos - Oficina	20	1		9.0	G			1.1	0.8			A	6.3		1	20	LIGHTING - BACK KITCHEN Iluminación - Cocina de parte de atrás	28
29	RECEPTACLES - RESTROOMS Receptáculos - Baños	20	1		3.0	G					0.4	0.5	B	4.0		1	20	SIGN LIGHTING Iluminación para letreros	30
31	RECEPTACLES - SML & LAUNCHPORT Receptáculos - Fax	20	1	GFCI	8.4	G	1.0	0.2					A; B	1.7		1	20	LIGHTING - EXTERIOR Iluminación - Exterior	32
33	BATHROOM SANITIZER Sanitizante de baño	20	1		0.2	E			0.0	0.2			B	1.7		1	20	SITE SIGNAGE	34
35	HD-1 (CONTROL AND LIGHTS) (control y luces)	15	1		1.5	E					0.2	0.0	A	0.0		1	20	LIGHTING CONTROL PANEL	36
37	PICK UP WINDOW NOTIFICATION	20	1		0.3	G	0.0	11.7											38
39	WIC - EVAPORATOR	20	1		1.5	F			0.2	10.8			Spare; G; A; D; F; E	94.7		3	100	PANEL C (3-#3, #8 G. IN 1-1/4" C.)	40
41	WIC - DOOR	20	1		0.2	F					0.0	11.6							42
43							12.4	--					--	--		1	--	SPACE	44
45	FEED THRU (PANEL B) (4-500 KCMIL, #1/0 G. IN 4" C.) EXISTING TO REMAIN	0	3	LUGS	112.4	Spare; F; E			13.7	--			--	--		1	--	SPACE	46
47											14.4	--	--	--		1	--	SPACE	48
	PHASE TOTAL [kVA]:						**40.2 kVA**		**39.9 kVA**		**41.9 kVA**								
	PHASE TOTAL [AMPS]:						**336 A**		**333 A**		**349 A**								

TYPE	DESCRIPTION	CONNECTED LOAD	DEMAND FACTOR		ESTIMATED DEMAND
A	INTERIOR LIGHTING	2 kVA	125.00%		3 kVA
B	EXTERIOR LIGHTING	1 kVA	125.00%		1 kVA
C	COMFORT COOLING	33 kVA	100.00%	+ 25% LARGEST MOTOR	33 kVA
D	COMFORT HEATING	16 kVA	100.00%		16 kVA
E	MISC. MOTOR	5 kVA	100.00%		5 kVA
F	KITCHEN EQUIPMENT	55 kVA	65.00%		36 kVA
G	RECEPTACLES	9 kVA	100.00%		9 kVA

PANEL TOTALS
TOTAL CONNECTED kVA: 122 kVA
TOTAL CONNECTED AMPS: 339 A
TOTAL ESTIMATED kVA: 103.5 kVA
TOTAL ESTIMATED AMPS: 287 A

Panel Name: BDP
Mounting: Recessed
Enclosure: Type 1
Volts: 120
Phases: 1
Wires: 2
Mains: LUGS
Ampera... 20 A

CKT	Circuit Description	Trip	Poles	Load
1	POS	15 A	1	0.2 kVA
2	SML - POS	15 A	1	0.2 kVA
3	SML - ORDERING SYSTEM	15 A	1	0.7 kVA
4	OFFICE - NETWORK GEAR	15 A	1	0.2 kVA
5	OFFICE - COMPUTER	15 A	1	0.4 kVA
6	OFFICE - DVR/ISP	15 A	1	0.5 kVA
			Total Load:	2 kVA
			Total Amps:	18 A

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:23 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

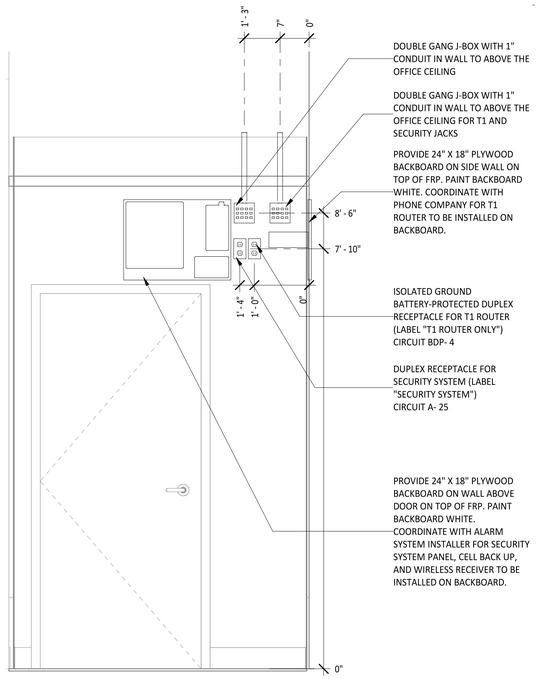
2	8 SEP 21	CLEINT REVISION

Drawn: JLD
Checked: AJJ

Project No.
2102029

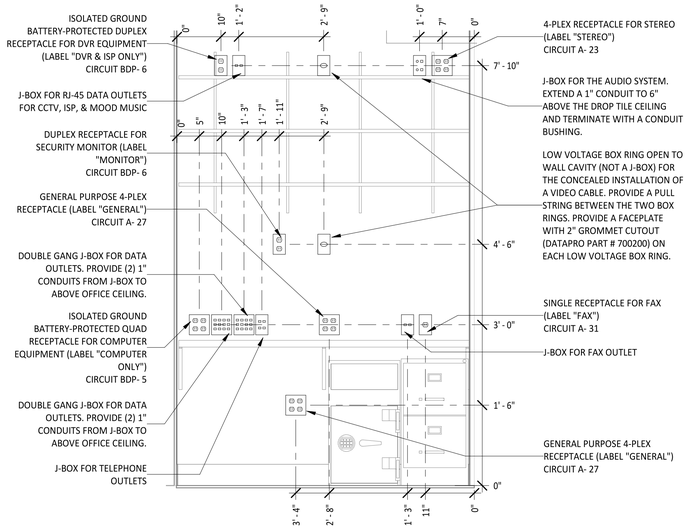
Contents:
ELECTRICAL SCHEDULES

E600

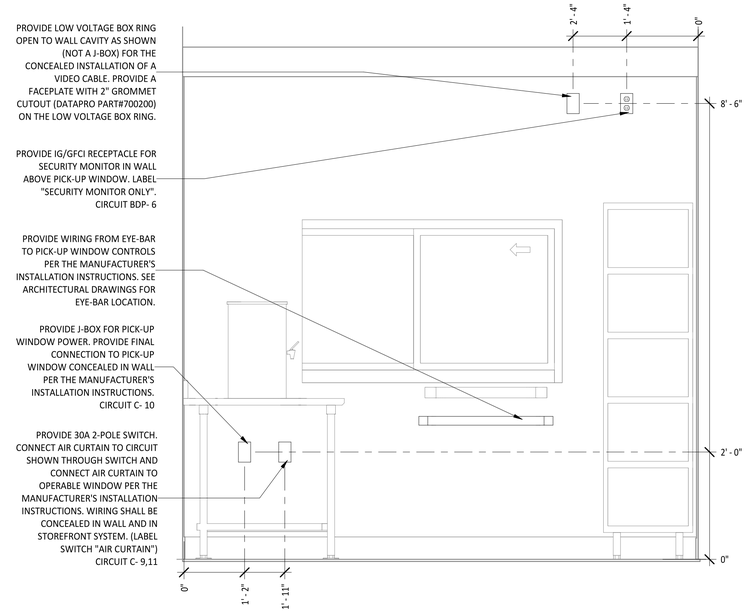


4 E700 **OFFICE DOOR ELECTRICAL ELEVATION**
3/4" = 1'-0"

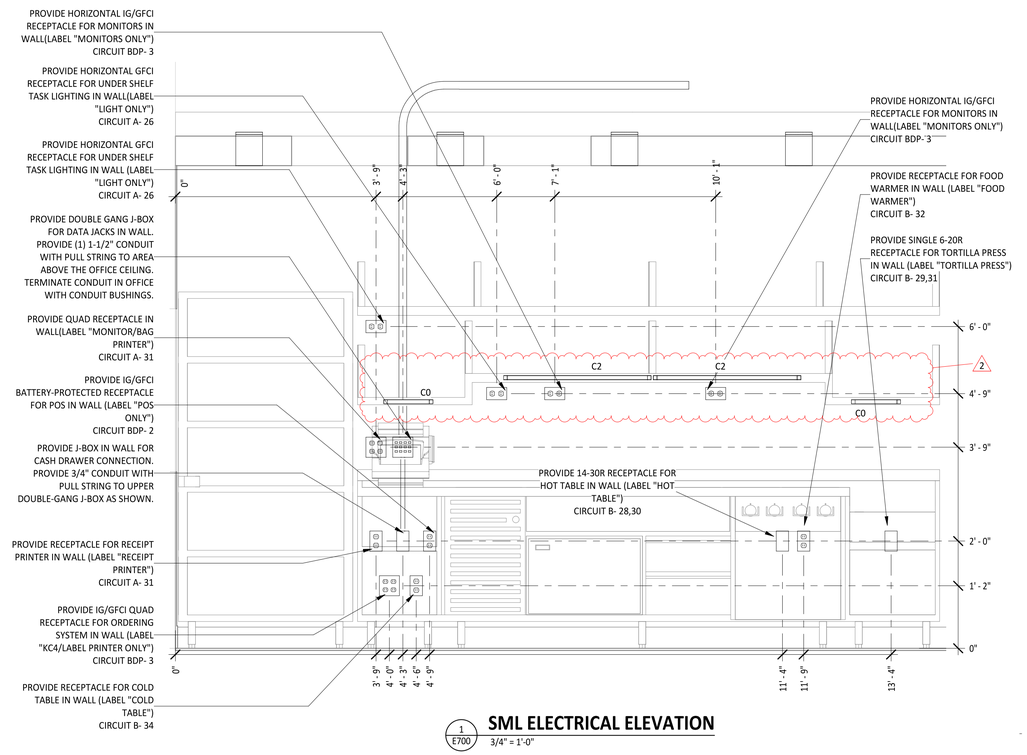
NOTE: DIMENSIONS SHOWN ARE FROM WALL FRAMING UNLESS NOTED OTHERWISE



3 E700 **OFFICE DESK ELECTRICAL ELEVATION**
3/4" = 1'-0"



2 E700 **PICK UP WINDOW ELEVATION**
3/4" = 1'-0"



1 E700 **SML ELECTRICAL ELEVATION**
3/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:23 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:
2 JUL 21 PERMIT SET
8 SEP 21 BID SET

Revisions:
2 8 SEP 21 CLEINT REVISION

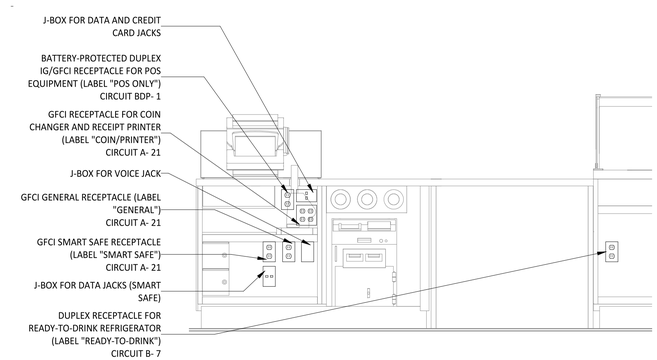
Drawn: JLD
Checked: AJJ

Project No.
2102029

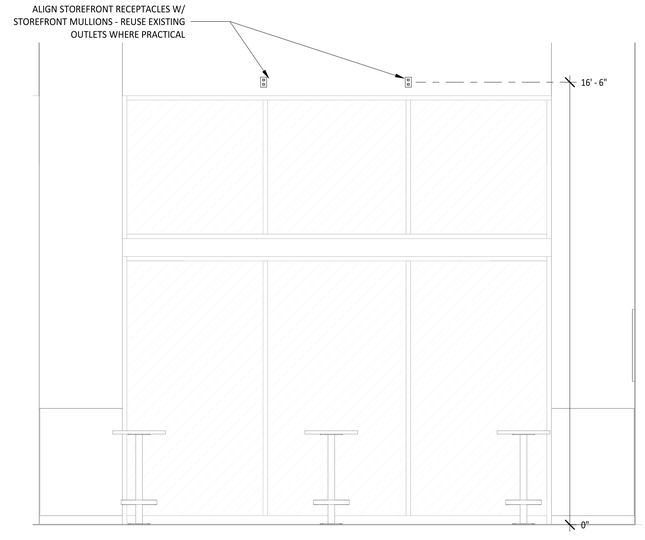
Contents:
ELECTRICAL INTERIOR ELEVATIONS

E700

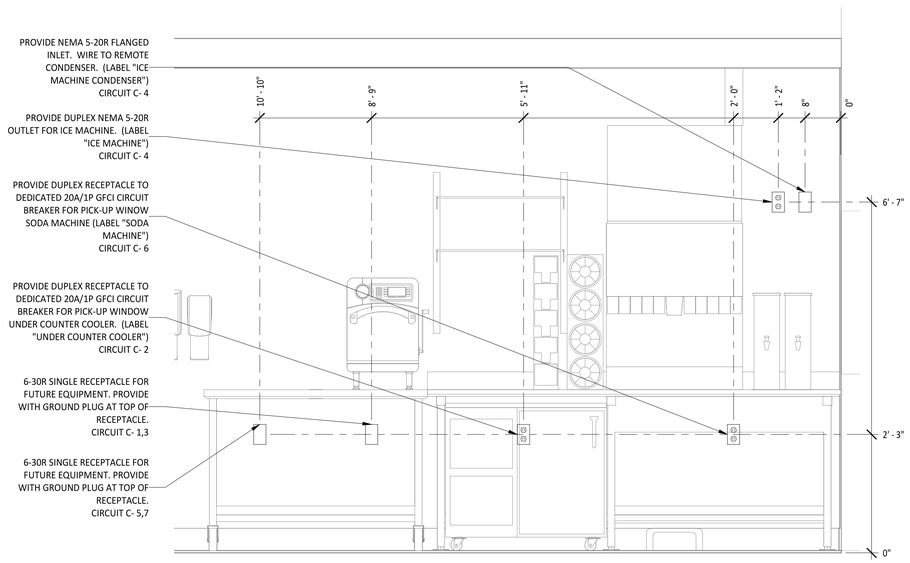
NOTE: DIMENSIONS SHOWN ARE FROM WALL FRAMING UNLESS NOTED OTHERWISE



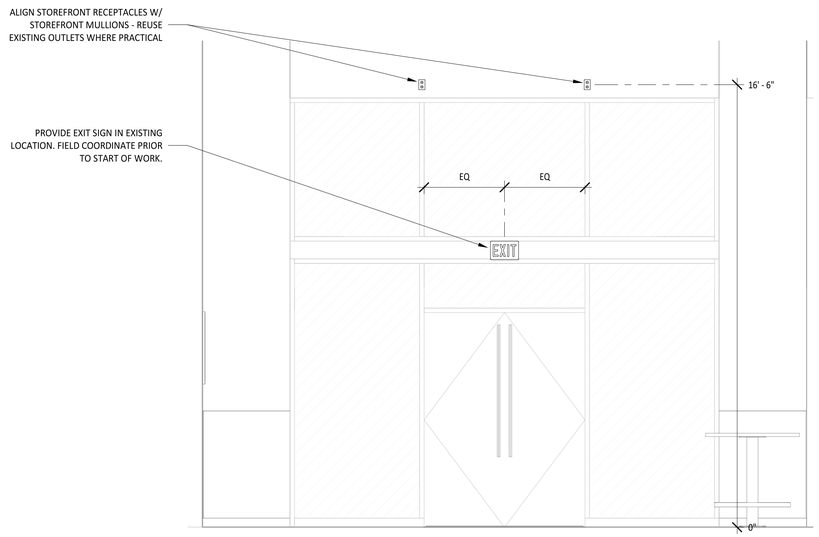
4 E705 **POS COUNTER ELECTRICAL ELEVATION**
3/4" = 1'-0"



2 E705 **DINING ROOM ELECTRICAL ELEVATION**
3/8" = 1'-0"



3 E705 **COLD SML ELECTRICAL ELEVATION**
3/4" = 1'-0"



1 E705 **DINING ROOM ELECTRICAL ELEVATION**
3/8" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:23 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

Drawn: JLD
Checked: AJJ

Project No.
2102029

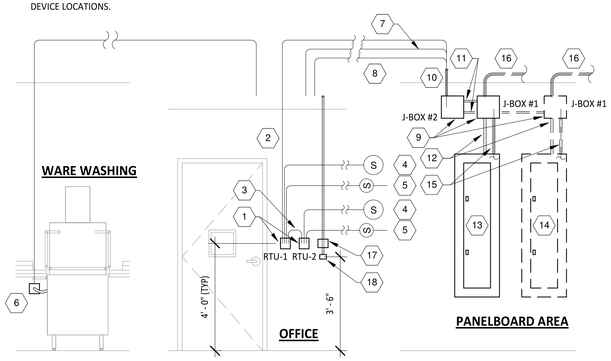
Contents:
ELECTRICAL INTERIOR ELEVATIONS

E705

GRIDPOINT DIAGRAM NOTES

1. INSTALL GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2. PROVIDE THERMOSTAT WIRING FROM EACH THERMOSTAT TO THE CORRESPONDING ROOFTOP UNIT.
2. PROVIDE CAT5E CABLE FROM RTU-1 THERMOSTAT TO J-BOX #2 ABOVE ELECTRICAL PANELS (LEAVE 16" OF CABLE COILED UP INSIDE OF J-BOX #2 AND 16" BEHIND WALL OF THERMOSTAT FOR FINAL CONNECTION TO THE EMS SYSTEM BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTATS".
3. PROVIDE CAT5E CABLE(S) BETWEEN THERMOSTATS (LEAVE 16" OF CABLE BEHIND WALL OF EACH THERMOSTAT FOR FINAL CONNECTION BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTAT JUMPER". SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
4. INSTALL GRIDPOINT ZONE SENSOR MODULES FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM ZSM TO CORRESPONDING THERMOSTAT T1 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
5. INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM SUPPLY PROBE TO CORRESPONDING THERMOSTAT T2 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
6. PROVIDE 3/4" LIQUIDTIGHT CONDUIT FROM DISH SANITIZING MACHINE TO LOW-VOLTAGE JUNCTION BOX OR TRIM RING FLUSH MOUNTED TO WALL. PROVIDE CONTINUOUS (NOT SPLICED) CAT5E CABLE FROM DISH SANITIZING MACHINE TO OFFICE (ABOVE LAY-IN CEILING) WITH 54" SLACK WITHIN THE DISH MACHINE AND 10' SLACK ABOVE THE LAY-IN CEILING. PROVIDE RJ-12 PLUG ON CABLE AT DISH MACHINE END WITH BLUE WIRE CONNECTED TO PIN 3 AND BLUE/WHITE WIRE CONNECTED TO PIN 4. LABEL CABLE ON BOTH ENDS WITH "DISHWASHER".
7. PROVIDE CAT5 CABLE FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "RS-485 COMMS" ON BOTH ENDS OF THE CABLE. LEAVE 10' OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
8. PROVIDE CABLE (18-24AWG SHIELDED TWISTED PAIR) FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "EMS POWER" ON BOTH ENDS OF THE CABLE. LEAVE 10' OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
9. PROVIDE SURFACE MOUNT 10" X 10" X 4" NEMA 1 ENCLOSURES ABOVE PANELBOARDS AND 6" BELOW CEILING.
10. PROVIDE 3/4" CONDUIT WITH INSULATING BUSHING ON END CONCEALED IN WALL FROM J-BOX #2 TO 6" ABOVE LAY-IN CEILING.
11. PROVIDE 3/4" CONDUIT(S) FROM J-BOX #1 TO J-BOX #2.
12. PROVIDE EMPTY 1" CONDUIT(S) FROM PANELBOARD(S) TO J-BOX #1 FOR FUTURE CT WIRING BY TEMS.
13. FIRST PANELBOARD FED FROM ELECTRICAL SERVICE. PROVIDE WITH (1) 20A/3-POLE CIRCUIT BREAKER (FOR GRIDPOINT 3 PHASE METER). IF PANELBOARD HAS 120V CIRCUITS AVAILABLE THEN ALSO PROVIDE (1) 20/1-POLE CIRCUIT BREAKER (FOR GRIDPOINT TRANSFORMER).
14. IF SPACE HAS MULTIPLE ELECTRICAL SERVICES THEN PROVIDE A "J-BOX #1" AND ASSOCIATED BREAKERS, CONDUITS, AND CONDUCTORS ON THE FIRST PANELBOARD FED FROM EACH ELECTRICAL SERVICE.
15. FOR EACH ELECTRICAL SERVICE PROVIDE (1) SET OF [(4) #12, #12 G.] FROM 3-POLE GRIDPOINT CIRCUIT BREAKER AND, IF THE PANELBOARD HAS 120V CIRCUITS AVAILABLE, (1) SET OF [(2) #12, #12 G.] FROM 1-POLE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
16. IF THE PANELBOARD DOES NOT HAVE 120V CIRCUITS AVAILABLE PROVIDE A 1-POLE 120V 20A CIRCUIT BREAKER IN A PANEL WITH A 120V CIRCUIT AVAILABLE. PROVIDE (1) SET OF [(2) #12, #12 G.] FROM THE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX # 1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
17. GRIDPOINT CONTROLLER PROVIDED BY TEMS
18. PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION AS SHOWN. PROVIDE 3/4" CONDUIT WITH PULL STRING AND INSULATING BUSHING FROM J-BOX TO 6" ABOVE OFFICE LAY-IN CEILING.

NOTE:
ARRANGEMENT SHOWN IS DIAGRAMMATIC - SEE PLANS FOR ACTUAL DEVICE LOCATIONS.

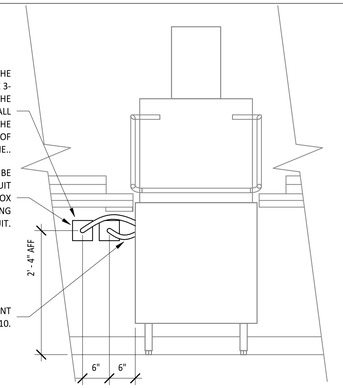


8 E710 GRIDPOINT WIRING DIAGRAM
N.T.S.

ELECTRICAL CONNECTIONS SHALL BE ON THE OPPOSITE SIDE OF THE DISH MACHINE FROM THE 3-COMP SINK. IF THIS IS ON THE LEFT SIDE OF THE DISH MACHINE THEN LIQUID TIGHT CONDUIT SHALL BE ROUTED BEHIND THE DISH MACHINE TO THE ELECTRICAL CONNECTIONS ON THE RIGHT SIDE OF THE DISH MACHINE..

POWER FOR DISH SANITIZING MACHINE SHALL BE FED FROM A DEDICATED 2-POLE LOCKABLE CIRCUIT BREAKER. PROVIDE FINAL CONNECTION FROM J-BOX IN WALL TO DISH SANITIZING MACHINE USING LIQUIDTIGHT FLEXIBLE METAL CONDUIT.

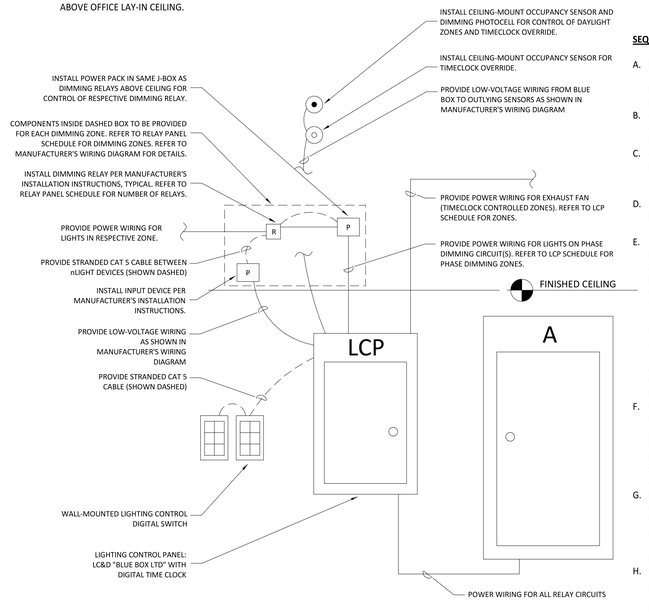
PROVIDE CONDUITS AND WIRING FOR GRIDPOINT CONNECTION TO DSM AS SHOWN IN DETAIL 8/E710.



7 E710 DISH SANITIZING MACHINE ELECTRICAL DETAIL
N.T.S.

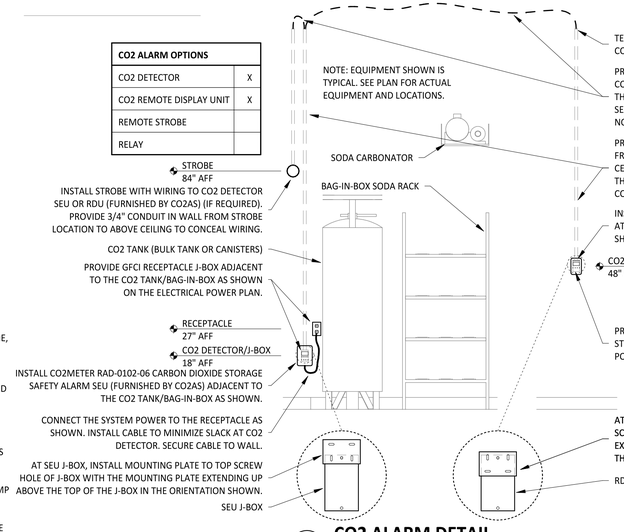
SEQUENCE OF OPERATIONS

A. EMERGENCY LIGHT FIXTURES, EXIT SIGNS, LOCALLY-SWITCHED FIXTURES, AND FIXTURES DESIGNATED AS NIGHT LIGHTS ARE NOT CONTROLLED THROUGH THE RELAY PANEL.
B. ALL TIMES NOTED SHALL BE LOCAL TIME AND SHALL AUTOMATICALLY ADJUST FOR DAYLIGHT SAVINGS TIME, IF APPLICABLE.
C. ALL KITCHEN LIGHTING CIRCUITS AND RESTROOM EXHAUST FAN CIRCUIT SHALL BE ENERGIZED FROM 7:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
D. ALL DINING ROOM LIGHTING CIRCUITS SHALL BE ENERGIZED FROM 10:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
E. OVERRIDES: WHEN ONE OF THE OVERRIDE BUTTONS IS PRESSED (BUTTONS 1-2) THE SYSTEM WILL GO INTO OVERRIDE MODE FOR ONE (1) HOUR OR AS NOTED BELOW. DURING THIS TIME THE CORRESPONDING LAMP WILL ILLUMINATE ON THE OVERRIDE BUTTON. IF AN "ON" BUTTON IS PRESSED THEN ALL OF THE CONTROLLED FIXTURES IN THE CORRESPONDING ZONE WILL REMAIN ENERGIZED FOR THE DURATION OF THE OVERRIDE PERIOD. IF AN "OFF" BUTTON IS PRESSED THEN ALL OF THE CONTROLLED FIXTURES IN THE CORRESPONDING ZONE WILL REMAIN DE-ENERGIZED UNTIL THE NEXT SCHEDULED EVENT OR "ON" OVERRIDE ENERGIZES THE ZONE.
F. DINING DIMMING: WHEN THE DINING ROOM DIMMING BUTTON (BUTTON 3) IS PRESSED HALF OF THE LIGHTING CIRCUITS IN THE DINING ZONE AND ANY LIGHTING CIRCUITS IN THE DAYLIGHT ZONE SHALL BE DE-ENERGIZED AND THE OTHER HALF OF THE LIGHTING CIRCUITS IN THE DINING ZONE WILL BE ENERGIZED FOR A DURATION OF ONE (1) HOUR.
G. KITCHEN DIMMING: WHEN THE KITCHEN DIMMING BUTTON (BUTTON 4) IS PRESSED HALF OF THE LIGHTING CIRCUITS IN THE KITCHEN ZONE SHALL BE DE-ENERGIZED AND THE OTHER HALF OF THE LIGHTING CIRCUITS IN THE KITCHEN ZONE WILL BE ENERGIZED FOR A DURATION OF ONE (1) HOUR.
H. VERIFY THAT TIME AND TIME ZONE ARE SET CORRECTLY ON BLUE BOX. VERIFY WITH STORE OPERATIONS THAT THE ON/OFF TIMES ARE COMPATIBLE WITH THE STORE OPERATING HOURS PRIOR TO TURNOVER.

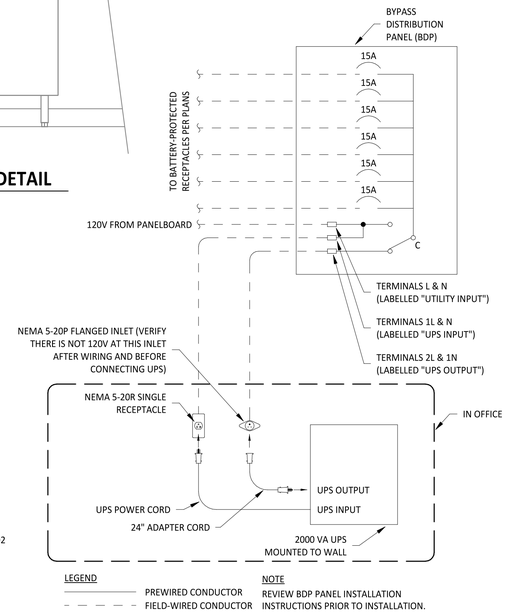


6 E710 LIGHTING CONTROL DIAGRAM
N.T.S.

CO2 ALARM OPTIONS	
CO2 DETECTOR	X
CO2 REMOTE DISPLAY UNIT	X
REMOTE STROBE	
RELAY	



4 E710 CO2 ALARM DETAIL
N.T.S.



LEGEND
PREWIRED CONDUCTOR
FIELD-WIRED CONDUCTOR

NOTE
REVIEW BDP PANEL INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.

3 E710 BYPASS DISTRIBUTION PANEL WIRING DIAGRAM
N.T.S.

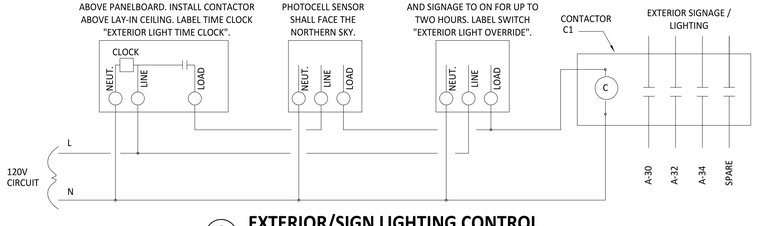
AVAILABLE FAULT CURRENT CALCULATIONS

POINT	VOLTAGE	PHASES	CONDUCTOR LENGTH	CONDUCTOR # SETS	CONDUCTOR SIZE	CONDUCTOR TYPE	CONDUCTOR C VALUE	f VALUE	M VALUE	AVAILABLE FAULT CURRENT
A	208 V	3								65,000 A
B	208 V	3	100 FT	1	500 KCMIL CU	PVC	26,706	2.23	0.310	20,150 A
C	208 V	3	10 FT	1	500 KCMIL CU	PVC	26,706	0.07	0.935	18,840 A
D	208 V	3	10 FT	1	#3 KCMIL CU	PVC	4,811	0.33	0.752	14,168 A

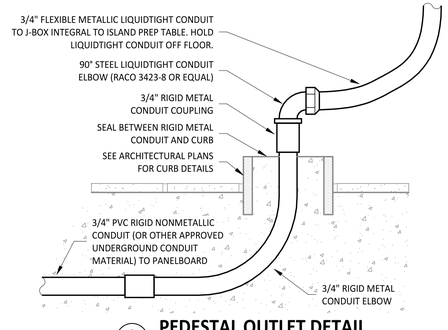
PROVIDE 120V, 40A, SPST, 24 HOUR ELECTROMECHANICAL TIME CLOCK WITH CARRYOVER (INTERMATIC MODEL T171CR), PROGRAMMED TO ENERGIZE FROM 4:00PM UNTIL ONE HOUR AFTER STORE CLOSING. INSTALL TIME CLOCK BELOW LAY-IN CEILING ABOVE PANELBOARD. INSTALL CONTACTOR ABOVE LAY-IN CEILING. LABEL TIME CLOCK "EXTERIOR LIGHT TIME CLOCK".

PROVIDE 120V, 15A PHOTOCELL WITH LIGHT LEVEL SLIDE ADJUSTMENT (INTERMATCI MAODEL K4236C OR EQUIV.) PHOTOCELL SENSOR SHALL FACE THE NORTHERN SKY.

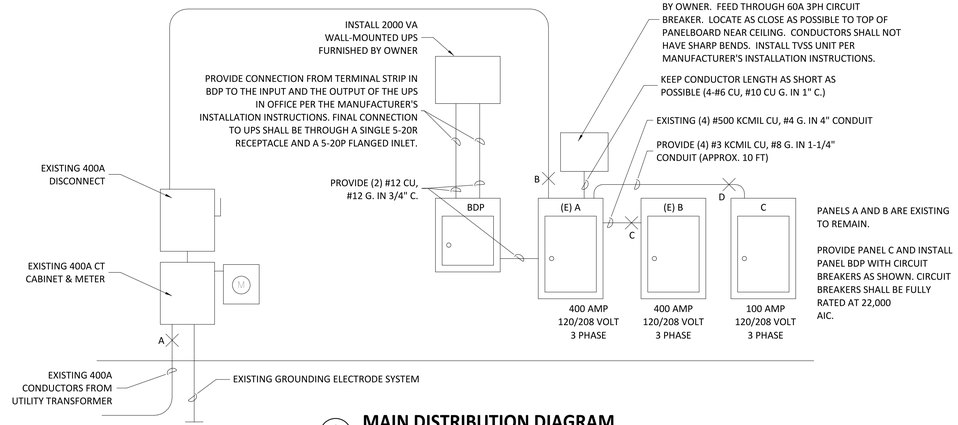
PROVIDE 120V, 15A, SPST, 2 HOUR TIMER SWITCH (INTERMATIC MODEL EI235W) ADJACENT TO MAIN LIGHTING CONTROLS TO ALLOW STORE PERSONNEL TO OVERRIDE THE EXTERIOR LIGHTS AND SIGNAGE TO ON FOR UP TO TWO HOURS. LABEL SWITCH "EXTERIOR LIGHT OVERRIDE".



5 E710 EXTERIOR/SIGN LIGHTING CONTROL
N.T.S.



2 E710 PEDESTAL OUTLET DETAIL
N.T.S.



1 E710 MAIN DISTRIBUTION DIAGRAM
N.T.S.

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Jason L. Decker
720.708.7079
JDecker@nationalengineering.com

Signed On
10/05/202112:38:13 PM

COPYRIGHT 2021
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 4140
GIG HARBOR
4823 POINT FOSDICK DRIVE
GIG HARBOR, WA 98335

Issue Record:

2 JUL 21	PERMIT SET
8 SEP 21	BID SET

Revisions:

Drawn: JLD
Checked: AJJ

Project No.
2102029

Contents:
ELECTRICAL DETAILS

E710

RECEIVED 11 16 2021 CA

COVER LETTER

Date: 11/16/2021

To: City of Gig Harbor
3510 Grandview Street
Gig Harbor, WA 98335

From: Harlan R. Faust, Architect
Contact: Ben Wilson
14344 Y Street, Suite 204
Omaha, NE 68137

Project No: 030721
Project: CMG Gig Harbor 46-4140

Subject: Planning Submittal Cover Letter

It is the intention of this letter to provide an overview of the proposed modifications to the former Opus Bank at 4823 Point Fosdick Drive. The proposed restaurant with a drive-through facility will be a part of an existing shopping center, and all infrastructure, including wet and dry utilities will be delivered to the building prior to the tenant taking possession of the property. The site is located within the B-2, general business districts, and per the Gig Harbor municipal code, restaurants with a drive-through facility are conditionally permitted within and are consistent with the description and purpose of the zone district in which the property is located.

The proposed tenant is Chipotle Mexican Grill, a fast-casual Mexican restaurant with open air dining, on-premises alcohol sales, and a drive aisle for a pick-up window. The restaurant would operate from 10:45am - 10:00pm and employ approximately 25 employees, 10 per shift.

An existing drive aisle to serve the pick-up window is capable of queuing at least seven vehicles and is over 140 ft long (20 ft per vehicle), and this window is only for customers picking up orders that were placed online ahead-of-time, so the time spent in the drive aisle is minimal. Underground loop detectors will be installed at the entry to the drive aisle as well as at the pick-up window to alert staff to customer presence. A series of indoor and outdoor cameras would be provided for security as well as analytics and training to ensure that the restaurant is operating efficiently.

FHA
ARCHITECTS
FOOD + HOSPITALITY

Chipotle conducted a study of their Chipotlane model in June 2019 of a two stores in Ohio, the study has been included with the submittal. I will be utilizing the numbers from the Pickerington location as it was the busier of the two location. This study notes a peak hourly volume of 37 vehicles, a max que length of 7 vehicles (.12% of the overall time during the study), and a que length 4 vehicles or less 99.37% of the time. Per the GHMC the stacking should be 10% of peak hourly volume, per this method a stacking length of 4 vehicles would be acceptable. The drive aisle directly adjacent the building has staking length of 4 vehicles before spilling out into the parking lot, which would be sufficient 99% of Chipotle's operating hours and meets the GHMC standard. We have shown an additional 3 stacking spaces for a total of seven spaces to accommodate the rare moments the queue exceeds four vehicles and to accommodate for increased demand due to popularity of mobile ordering through out the restaurant industry.

Chipotle would be revitalizing a vacant building, which is adjacent other restaurant and retail uses of similar scale, site design, operating characteristics, hours of operation, traffic generation, lighting, noise, odor, and other external impacts. The new development will not adversely affect the established character of the surrounding neighborhood and will not be injurious to the property or improvements in such vicinity and/or zone in which the property is located. No significant, adverse impacts on the natural environmental are expected, but would be mitigated to the maximum practical extent. Adequate public safety, transportation, and utility facilities and services are available to serve the property and the existing development will maintain sufficient levels of facilities and services after the subject property is developed without placing an undue burden on such facilities and streets.

With this being a change of use of a bank to a restaurant there will be an increased demand in parking. Per the 2014 Site parking and building analysis there is currently 11 more spaces than needed, utilizing off peak parking between the Opus Bank and Bldg B Medical Use for Applebee's. Chipotle has 74 indoor and outdoor seats requiring 24.66 parking spaces. 2 additional spaces have been included for the workers assigned to the Drive through. Additionally, the Opus bank is no longer being included in the joint use agreement. After reviewing the square footages noted on the old form with the Pierce county assessor's data, we update the square footage and parking calculations as necessary for all single tenant buildings. Multi-tenant buildings were left as is, as it was unclear which space needed the square footage adjusted even though this would have further reduced the amount of parking needed. Lastly, we confirmed the future mezzanine was not built and there is not a plan to building one with the landlord. Overall the shopping center needs 656 spaces and has a total of 656 spaces.

The site is of sufficient size to accommodate the proposed use and will utilize the previous tenants facilities including the yards, open spaces fences, parking, loading, landscaping, drive aisle, and other features as required by the Gig Harbor Municipal code. Additionally, an open-air patio has been added within the footprint of the building that will expand the perceived open area throughout the center and provide covered outdoor space within the rainy Northeast climate.

Chipotle believes in their philosophy of "Food with Integrity," which governs everything from development to operation. They look for real estate that meets their standards, build a quality tenant improvement to serve a quality product, and take pride in maintaining their properties, both aesthetically and functionally. The store staff is trained to properly maintain inside and outside the building, and regional facilities staff periodically ensure that everything is running smoothly, and equipment is regularly maintained as part of national contracts that are in place.

Please do not hesitate to contact me with any questions or concerns.

Thank you,

Benjamin Wilson
402.895.0878 x 286

From: Shaun Dinubilo
To: Cindy Andrews
Subject: Re: CHIPOTLE MEXICAN GRILL - PL-CUP-21-0003
Date: Thursday, October 7, 2021 10:16:09 AM

Hello Cindy,

Thank you for contacting the Cultural Resource Department of the Sqauxin Island Tribe (CRD) regarding your project. After reviewing the documents, the CRD has no concerns with the project. However, if the Department of Archaeology and Historic Preservation recommends a cultural resource survey, we agree with their recommendation and would prefer to receive an electronic version of the report.

Shaun Dinubilo
Archaeologist
CR Department
Squaxin Island Tribe
200 S.E. Billy Frank Jr. Way
Shelton, WA 98584
Office Phone: 360-432-3998
Cell Phone: 360-870-6324
Email: sdinubilo@squaxin.us

From: Cindy Andrews <candrews@gigharborwa.gov>
Sent: Thursday, September 30, 2021 10:41 AM
To: Adonais Clark (aclark@co.pierce.wa.us) <aclark@co.pierce.wa.us>; Alec, Wrolson, Puyallup Tribe <Alec.Wrolson@PuyallupTribe-nsn.gov>; Andrew Strobel, Puyallup Tribe <Andrew.Strobel@PuyallupTribe-nsn.gov>; aosullivan@suquamish.nsn.us <aosullivan@suquamish.nsn.us>; Carol <CarolAnn.Hawks@PuyallupTribe-nsn.gov>; Char Naylor, Puyallup Tribe <Char.Naylor@PuyallupTribe-nsn.gov>; Charles Matheson, Puyallup Tribe <Charlene.Matheson@PuyallupTribe-nsn.gov>; David Winfrey, Puyallup Tribe <David.Winfrey@PuyallupTribe-nsn.gov>; Department of Natural Resources SEPA Center (sepacenter@dnr.wa.gov) <sepacenter@dnr.wa.gov>; dwilliams@suquamish.nsn.us <dwilliams@suquamish.nsn.us>; efheinitz@doc1.wa.gov <efheinitz@doc1.wa.gov>; eguenther@penmetparks.org <eguenther@penmetparks.org>; esorensen@penmetparks.org <esorensen@penmetparks.org>; ewatson@piercefire.org <ewatson@piercefire.org>; Jennifer Keating, Puyallup Tribe <Jennifer.M.Keating@puyalluptribe-nsn.gov>; JOE CUSHMAN <cushman.joe@nisqually-nsn.gov>; Kelly Still - WDFW (sepadesk@dfw.wa.gov) <sepadesk@dfw.wa.gov>; Kristen Miller <kirsten.miller@dnr.wa.gov>; Lisa Anderson, Puyallup Tribe <Lisa.Anderson@PuyallupTribe-nsn.gov>; Lois Boome, Puyallup Tribe <Lois.Boome@PuyallupTribe-nsn.gov>; Michael Prentice <michaelp@penlight.org>; Muckleshoot Tribe - Laura Murphy

(laura.murphy@muckleshoot.nsn.us) <laura.murphy@muckleshoot.nsn.us>; Nancy Games, Puyallup Tribe <nancy.games@puyalluptribe-nsn.gov>; OR-SEPA-REVIEW@wsdot.wa.gov <or-sepa-review@wsdot.wa.gov>; Puget Sound Partnership - Marsha Engel (marsha.engel@psp.wa.gov) <marsha.engel@psp.wa.gov>; reviewteam@commerce.wa.gov <reviewteam@commerce.wa.gov>; Rhonda Foster <rfoster@squaxin.us>; Robert Barandon, Puyallup Tribe <Robert.B.Barandon@puyalluptribe-nsn.gov>; Russ Ladley, Puyallup Tribe <Russ.Ladley@PuyallupTribe-nsn.gov>; sepa <sepa@dahp.wa.gov>; SEPA <SEPAReview@PuyallupTribe-nsn.gov>; sepaunit@ecy.wa.gov <sepaunit@ecy.wa.gov>; Sharon Silver (sharons@penlight.org) <sharons@penlight.org>; Shaun Dinubilo <sdinubilo@squaxin.us>; Shital Saini <shital@penlight.org>; smithv@psd401.net <smithv@psd401.net>; Suquamish Tribe - Dennis Lewarch (dlewarch@suquamish.nsn.us) <dlewarch@suquamish.nsn.us>; Tina Vaslet Pierce Transit (tvaslet@piercetransit.org) <tvaslet@piercetransit.org>; Zachary Meyer <ZMEY461@ECY.WA.GOV>
Cc: Kimberly Mahoney <KMahoney@gigharborwa.gov>
Subject: CHIPOTLE MEXICAN GRILL - PL-CUP-21-0003

Please find attached the Notice of application for the CHIPOTLE MEXICAN GRILL - PL-CUP-21-0003 Project, please submit your comments by October 14, 2021.

Best Regards
Cindy Andrews
Planning Technician
City of Gig Harbor
CAndrews@gigharborwa.gov
Phone - 253-853-7625

RECEIVED 11 16 2021 CA

BUILDING	PARCEL ID.	USE	GSF	GROSS TENANT AREA	SEATS	PARKING CALC.	PARKING PROVIDED	PARKING REQUIRED
SAFEWAY	400 303 0101	SALES, LEVEL 1	63,700			1/300	207	212.33
SAFEWAY FULE KIOSK	400 303 0121	SALES, LEVEL 1	774			1/300	3	2.58
KOHL'S	400 303 0031	SALES, LEVEL 1	55,115			1/300	194	183.72
MICHAELS	400 303 0021	SALES, LEVEL 1	19,859			1/300	51	66.2
BUILDING B	400 303 0061		10,696				37	
B100-B200-DOMO SUSHI		RESTAURANT		2,288	64	/3		21.33
B300-OLYMPIC MODERN DENTISTRY		MEDICAL		3,412		1/250		13.65
B500-GREAT CLIPS		PERSONAL SERVICES		979		1/300		3.26
B600 - MILKVUE DONUTS & COFFEE		PERSONAL SERVICES		1,100		1/300		3.67
B700-B800-LUNCHBOX LAB		RESTAURANT		3,634	122	/3		40.67
B700-B800 - LUNCHBOX LAB MEZZ		RESTAURANT		677		/3		
BUILDING D	400 303 0070		6,128				20	
D100 - MENCHIES		RESTAURANT		1,608	50	/3		16.67
D200 - DRY CLEANERS		PERSONAL SERVICES		717		1/300		2.39
D300 - PHO EVER		RESTAURANT		1,677	52	/3		17.33
D400 - JERSEY MIKE'S		RESTAURANT		1,376	26	/3		8.67
RETAIL E	400 303 0051		9,546				42	
E100 - JOHN L SCOTT		SALES, LEVEL 1		4,193		1/300		13.98
E200 - JOHN L SCOTT		SALES, LEVEL 1				1/300		
E300 - JOHN L SCOTT		SALES, LEVEL 1				1/300		
E400 - FIRST AMERICAN TITLE INSURANCE		BUSINESS SERVICES		1,398		1/300		4.66
E500 -BELLA NAILS		PERSONAL SERVICES		1,395		1/300		4.65
E600-700 - CASCADE EYE		MEDICAL		3,560		1/250		14.24
E600-700 - CASCADE EYE MEZZ		MEDICAL		805		1/250		3.22
RETAIL F	400 303 0041		8,781				38	
F100 - VACANT		BUSINESS SERVICES		1,577		1/300		5.26
F200-F300 – ATI PHYSICAL THERAPY		PERSONAL SERVICES		2,615		1/300		8.72
F400 - DESERT SUNTAN		BUSINESS SERVICES		1,791		1/300		5.97
F500-F600 - ORANGE THREORY FITNESS		PERSONAL SERVICES		2,945		1/300		9.81
PAD 1 - CHIPOTLE		RESTAURANT	3,440		74	/3	13	24.66
PAD 1 - CHIPOTLE DRIVE THRU						1/ 2 EMPLOYEES		2
PAD 2 - APPLEBEES	400 303 0090	RESTAURANT	4,972		180	/3	27	60
BANK OF AMERICA	400 303 0130	BUSINESS SERVICES	4,342			1/300	24	14.47
FUTURE MEZZANINES		SALES, LEVEL 1	0			1/300	24	0
TOTAL (LESS B of A area)			187,353				656	749.64
TOTAL ALL USES IN BSP			191,695				680	764.11
RESTAURANT/CAFÉ TOTAL			19,672		568			
OTHER								
PAD 3- FUEL PUMPS			6 MPDS					3
CART RETURNS IN PARKING STALS			Q 3					3
SITE TOTALS (EXCLUDING B OF A SITE)			187,353				656	755.64

REQ'D PARKING NET				755.64
OUTDOOR COMMON AREA REDUCTION	10% GSF	18,735.30	OCA/200	93.765
JOINT USE PER GHMC 17.72.080	OFF PEAK: BLDG. B MEDICAL USE FOR APPLEBEE'S (APPROVED 10-12-21)			6.825
TOTAL PARKING REQ'D AFTER CA CREDITS AND JOINT USE PARKING				655.05
ROUND UP				656
TOTAL PARKING PROVIDED				656

RECEIVED
By MThomas City of Gig Harbor at 2:57 pm, Dec 22, 2021

TENW
Transportation Engineering NorthWest

MEMORANDUM



12/21/2021

DATE: December 21, 2021

TO: Aaron Hulst, PE, Senior Engineer
Public Works Department, City of Gig Harbor

FROM: Popa Pratyaksa
TENW

SUBJECT: Updated Trip Generation Memo for the proposed Chipotle Mexican Grill at Pt. Fosdick Square - Gig Harbor
TENW Project No. 2021-108

This memorandum documents the updated PM peak hour trip generation estimate for the proposed Chipotle Mexican Grill restaurant in Gig Harbor, WA in response to the City's pre-application memo dated May 12, 2021, the City's comments received in August and December 2021, and subsequent correspondence with City of Gig Harbor staff. This is an update to our previous memo dated November 12, 2021. The project is located within the Point Fosdick Square Shopping Center in Gig Harbor, WA as shown in Attachment A vicinity map. This memo includes a project description and project trip generation estimate.

Project Description

The proposed project is located at 4823 Point Fosdick Drive in the city of Gig Harbor, WA. The existing site is occupied by a 3,802 square foot (sf) drive-in bank and a change of use is proposed for the building to convert the existing drive-in bank into a Chipotle Mexican Grill restaurant. It should be noted that the 3,802-sf area represents the gross floor area (GFA) and is consistent with the definition of GFA per Institute of Transportation Engieners (ITE) *Trip Generation Manual*, 11th Edition (2021).

The proposed Chipotle Mexican Grill restaurant will include the new "Chipotlane" pick-up window which will only be available to customers who have placed and paid for orders in advance via the Chipotle mobile app or website. A preliminary site plan is included in Attachment B.

Trip Generation

The weekday PM peak hour trips for the proposed Chipotle Mexican Grill restaurant and existing drive-in bank uses were estimated based on the methodology documented in the recently published Institute of Transportation Engineers (ITE) *Trip Generation Manual,* 11th Edition (2021) for Land Use Code (LUC) 934 (Fast-Food Restaurant with Drive Through Window) and LUC 912 (Drive-in Bank). To account for pass-by trips at the previous drive-in bank and the proposed Chipotle restaurant, pass-by trip reductions have been applied to the trip generation estimates based on methodology documented in the ITE *Trip Generation Manual*, 11th Edition (2021). Relevant excerpts of LUC 934 (Fast-Food Restaurant with Drive Through Window) and LUC 912 (Drive-in Bank) from the ITE *Trip Generation Manual*, 11th Edition (2021) are included in Attachment C.

Table 1 summarizes the net new weekday PM peak hour trip generation estimated for the project. The net new trips account for credit from the former drive-in bank use, including pass-by trip reductions for the former bank use.

Table 1
PM Peak Hour Trip Generation Summary

Proposed/Former Use	Net PM Peak Hour Trips		
	In	Out	Total
Proposed Use Chipotle (Fast-Food Restaurant with Drive-Through Window)	29.38	27.12	56.50
Less Existing Use *(Drive-In Bank)*	*-25.97*	*-25.97*	*-51.94*
Net New PM Peak Hour Trips Generated	**3.41**	**1.15**	**4.56**
Rounded Net New PM Peak Hour Trips Generated (to be used for concurrency evaluation)	***4***	***1***	***5***

As shown in Table 1, the proposed Chipotle Mexican Grill is estimated to generate 4.56 net new weekday PM peak hour trips (3.41 entering, 1.15 exiting) compared to the previous drive-in bank use. The detailed trip generation calculations are included in Attachment D.

Transportation Concurrency

Per City of Gig Harbor Municipal Code Section 19.10.003, the proposed change in use would be subject to additional traffic analysis if it will generate one or more new trips that will pass through an intersection or roadway section identified with a level of service below the acceptable level noted in the transportation element of the City's Comprehensive Plan, or if it will generate 15 or more PM peak hour trips. Based on review of the 2018 Transportation Element of the City's Comprehensive Plan and subsequent correspondence with City of Gig Harbor staff, the site is found to be located in a high-traffic area and near an intersection with LOS D. Therefore, a traffic concurrency model run is required to assess the impacts of the proposed change in use on the surrounding area. Per City of Gig Harbor Municipal Code Section 19.10.011, the applicant is required to pay a fee for the City's concurrency evaluation and preparation of a traffic report. A concurrency application and applicable fees are being submitted separately.

Transportation Impact Fees

Per City of Gig Harbor Municipal Code Section 19.12, the proposed change in use would be subject to payment of transportation impact fees. The current transportation impact fee rate as of the date of this memo is $5,388 per new PM peak hour trip and the total estimated fee is calculated to be $24,569.28 (4.56 PM peak hour trips x $5,388). Final transportation impact fees will be paid based on the current impact fee rate at the time of building permit issuance.

If you have any questions regarding the information presented in this memo, please call me at (425) 471-6335 or email at popa@tenw.com.

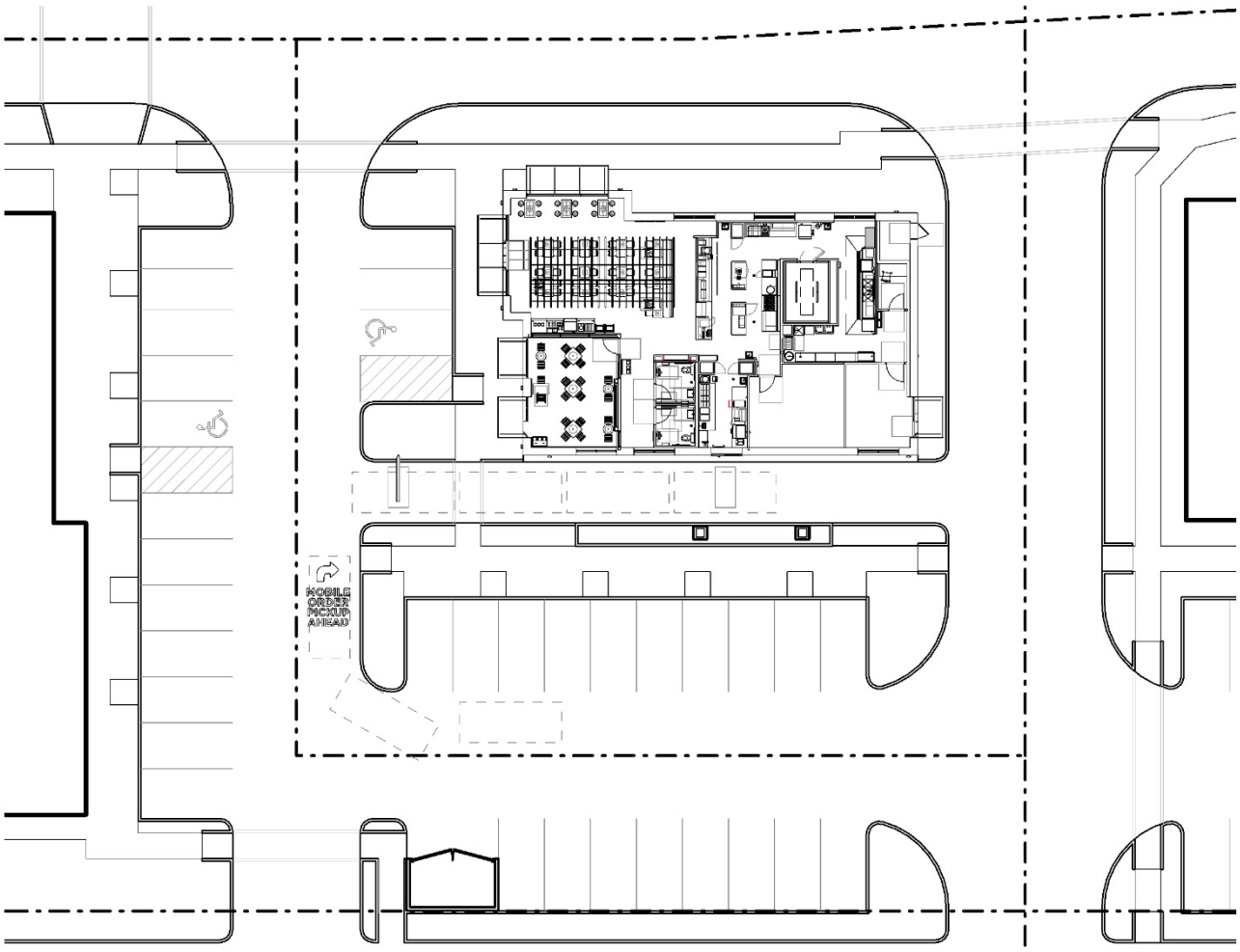
cc: Scott Murdock, Design Manager, West Regions – Chipotle Mexican Grill
Jeff Schramm, Principal – TENW

Attachments



Attachment A: Project Site Vicinity

N
NOT TO SCALE



Attachment B: Preliminary Site Plan

N
NOT TO SCALE

ATTACHMENT C

ITE LUC 934 and 912 Excerpts from ITE Trip Generation Manual 11th Edition

Land Use: 934
Fast-Food Restaurant with Drive-Through Window

Description

This land use includes any fast-food restaurant with a drive-through window. This type of restaurant is characterized by a large drive-through and large carry-out clientele, long hours of service (some are open for breakfast, all are open for lunch and dinner, some are open late at night or 24 hours a day) and high turnover rates for eat-in customers. The restaurant does not provide table service. A patron generally orders from a menu board and pays before receiving the meal. A typical duration of stay for an eat-in patron is less than 30 minutes. Fast casual restaurant (Land Use 930), high-turnover (sit-down) restaurant (Land Use 932), fast-food restaurant without drive-through window (Land Use 933), and fast-food restaurant with drive-through window and no indoor seating (Land Use 935) are related uses.

Additional Data

Users should exercise caution when applying statistics during the AM peak periods, as the sites contained in the database for this land use may or may not be open for breakfast. In cases where it was confirmed that the sites were not open for breakfast, data for the AM peak hour of the adjacent street traffic were removed from the database.

If the restaurant has outdoor seating, its area is not included in the overall gross floor area. For a restaurant that has significant outdoor seating, the number of seats may be more reliable than GFA as an independent variable on which to establish a trip generation rate.

The technical appendices provide supporting information on time-of-day distributions for this land use. The appendices can be accessed through either the ITETripGen web app or the trip generation resource page on the ITE website (https://www.ite.org/technical-resources/topics/trip-and-parking-generation/).

The sites were surveyed in the 1980s, the 1990s, the 2000s, and the 2010s in Alaska, Alberta (CAN), California, Colorado, Florida, Indiana, Kentucky, Maryland, Massachusetts, Minnesota, Montana, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Dakota, Texas, Vermont, Virginia, Washington, and Wisconsin.

Source Numbers

163, 164, 168, 180, 181, 241, 245, 278, 294, 300, 301, 319, 338, 340, 342, 358, 389, 438, 502, 552, 577, 583, 584, 617, 640, 641, 704, 715, 728, 810, 866, 867, 869, 885, 886, 927, 935, 962, 977, 1050, 1053, 1054

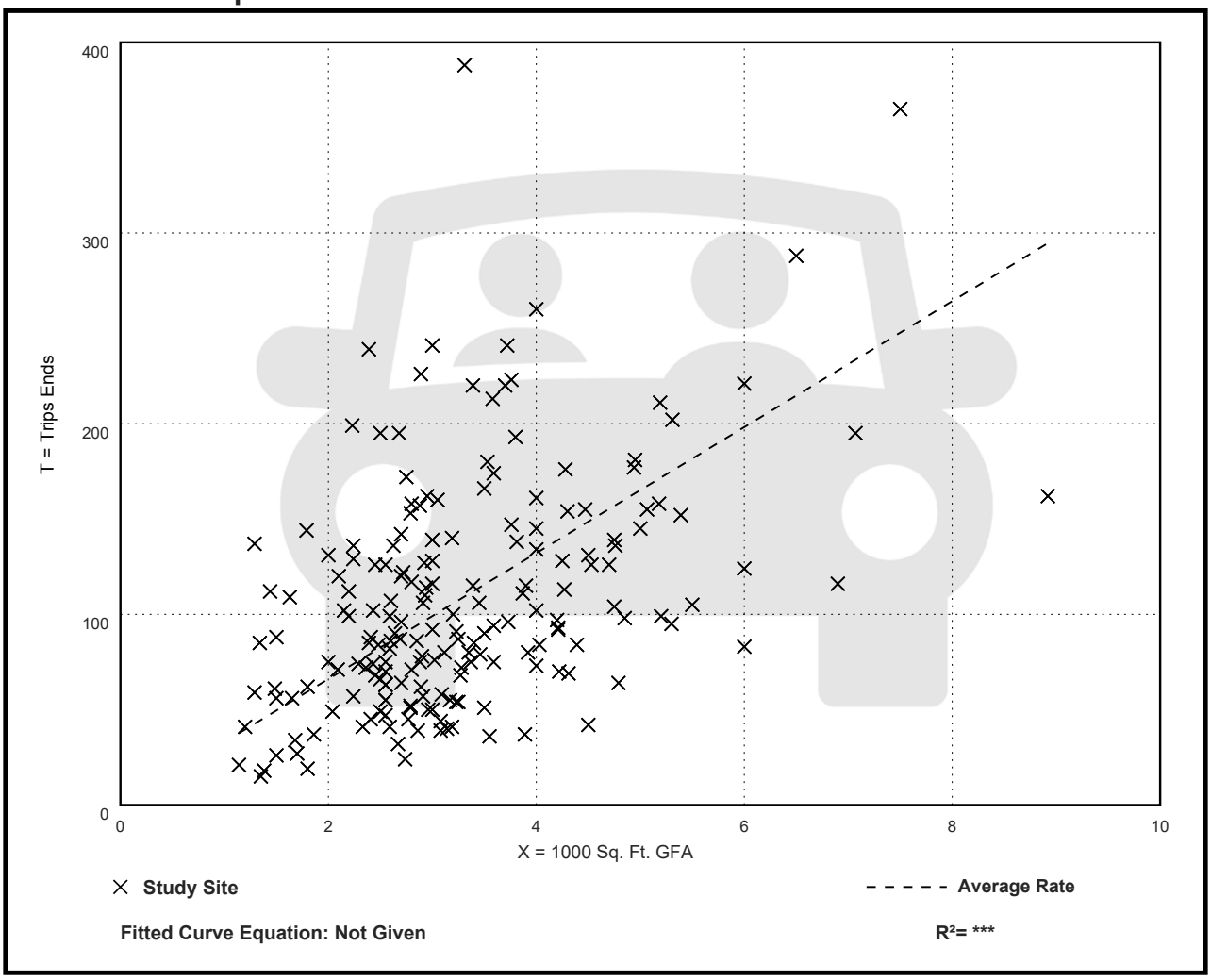
Fast-Food Restaurant with Drive-Through Window (934)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.
Setting/Location: General Urban/Suburban
Number of Studies: 190
Avg. 1000 Sq. Ft. GFA: 3
Directional Distribution: 52% entering, 48% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
33.03	8.77 - 117.22	17.59

Data Plot and Equation



Vehicle Pass-By Rates by Land Use

Source: ITE *Trip Generation Manual* , 11th Edition

Land Use Code	934
Land Use	Fast-Food Restaurant with Drive-Through Window
Setting	General Urban/Suburban
Time Period	Weekday PM Peak Period
# Data Sites	11
Average Pass-By Rate	55%

Pass-By Characteristics for Individual Sites

GFA (000)	State or Province	Survey Year	# Interviews	Pass-By Trip (%)	Non-Pass-By Trips			Adj Street Peak Hour Volume	Source
					Primary (%)	Diverted (%)	Total (%)		
1.3	Kentucky	1993	—	68	22	10	32	2055	2
1.9	Kentucky	1993	33	67	24	9	33	2447	2
2.8	Florida	1995	47	66	—	—	34	—	30
2.9	Florida	1996	271	41	41	18	59	—	30
3	Kentucky	1993	—	31	31	38	69	4250	2
3.1	Florida	1995	28	71	—	—	29	—	30
3.1	Florida	1996	29	38	—	—	62	—	30
3.2	Florida	1996	202	40	39	21	60	—	30
3.3	—	1996	—	62	—	—	38	—	21
4.2	Indiana	1993	—	56	25	19	44	1632	2
4.3	Florida	1994	304	62	—	—	38	—	30

Land Use: 912
Drive-in Bank

Description

A bank is a financial institution that can offer a wide variety of financial services. A drive-in bank provides banking services for a motorist through a teller station. A drive-in bank may also serve patrons who walk into the building. The drive-in lanes may or may not provide an automatic teller machine (ATM). Walk-in bank (Land Use 911) is a related use.

Additional Data

The independent variable—drive-in lanes—refers to all lanes at a banking facility used for financial transactions, including ATM-only lanes.

The technical appendices provide supporting information on time-of-day distributions for this land use. The appendices can be accessed through either the ITETripGen web app or the trip generation resource page on the ITE website (https://www.ite.org/technical-resources/topics/trip-and-parking-generation/).

The sites were surveyed in the 2000s and the 2010s in Colorado, Kentucky, Minnesota, Nebraska, New Jersey, New York, Oregon, Pennsylvania, Texas, Vermont, Virginia, Washington, and Wisconsin.

To assist in the future analysis of this land use, it is important that Friday data be collected and reported separately from weekday data. It is also important to specify the date and month of the data collection period and the number of drive-through lanes that are open at the time of the study.

Source Numbers

535, 539, 553, 555, 573, 577, 600, 624, 626, 629, 630, 637, 656, 657, 710, 724, 728, 866, 869, 883, 884, 927, 935, 961, 1047

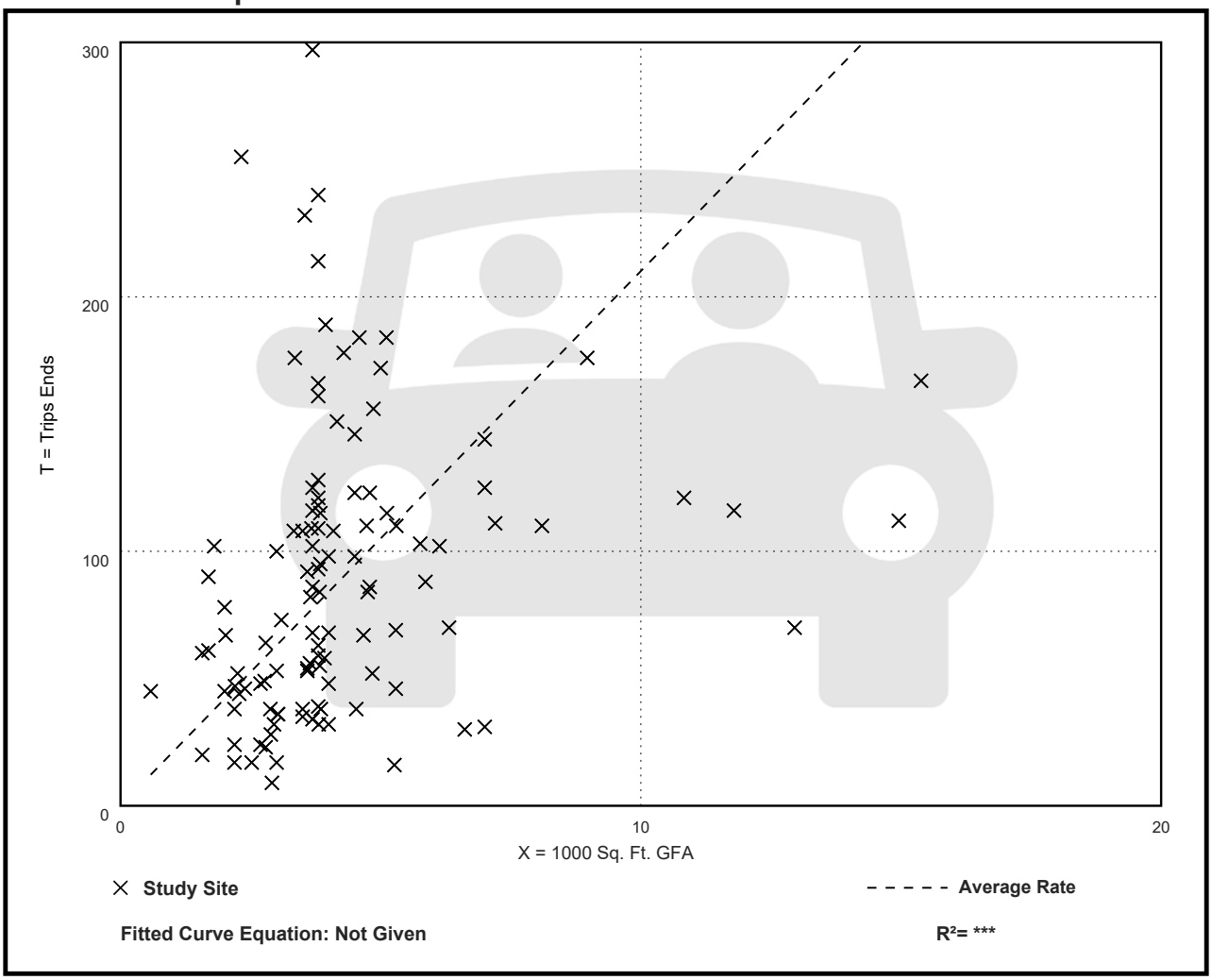
Drive-in Bank
(912)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.
Setting/Location: General Urban/Suburban
Number of Studies: 114
Avg. 1000 Sq. Ft. GFA: 4
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
21.01	3.04 - 109.91	15.13

Data Plot and Equation



Vehicle Pass-By Rates by Land Use

Source: ITE *Trip Generation Manual* , 11th Edition

Land Use Code	912
Land Use	Drive-In Bank
Setting	General Urban/Suburban
Time Period	Weekday PM Peak Period
# Data Sites	19
Average Pass-By Rate	35%

Pass-By Characteristics for Individual Sites

GFA (000)	State or Province	Survey Year	# Interviews	Pass-By Trip (%)	Non-Pass-By Trips			Adj Street Peak Hour Volume	Source
					Primary (%)	Diverted (%)	Total (%)		
2.7	Washington	2007	—	26	66	8	74	—	11
2.8	Washington	2007	—	21	55	24	79	—	11
3.3	Kentucky	1993	—	48	22	30	52	2570	34
3.4	Kentucky	1993	—	64	22	14	36	2266	34
3.4	Kentucky	1993	75	57	11	32	43	1955	34
3.5	Kentucky	1993	53	47	32	21	53	2785	2
3.6	Washington	2007	—	42	50	8	58	—	11
3.6	Washington	2007	—	29	—	—	71	—	11
3.8	Pennsylvania	2005	56	43	—	—	57	—	19
3.8	Pennsylvania	2005	38	41	—	—	59	—	19
3.8	Pennsylvania	2005	14	24	—	—	76	—	19
3.8	Pennsylvania	2005	63	29	—	—	71	—	19
3.8	Pennsylvania	2005	70	29	—	—	71	—	19
3.8	Pennsylvania	2005	29	27	—	—	73	—	19
3.8	Pennsylvania	2005	41	25	—	—	75	—	19
3.8	Pennsylvania	2005	37	31	—	—	69	—	19
3.8	Pennsylvania	2005	19	29	—	—	71	—	19
3.8	Pennsylvania	2005	34	21	—	—	79	—	19
3.8	Pennsylvania	2005	36	29	—	—	71	—	19

ATTACHMENT D

Trip Generation Calculations

Chipotle Mexican Grill at Pt. Fosdick Square (Gig Harbor)
PM Peak Hour Trip Generation Summary

Land Use	Units [1]	ITE LUC [2]	Directional Distribution [2] In	Directional Distribution [2] Out	Unadjusted Trip Rate [2]	Pass-By % [3]	Adjusted Trip Rate	PM Peak Hour Project Trips In	PM Peak Hour Project Trips Out	PM Peak Hour Project Trips Total
PM Peak Hour										
Proposed Use:										
Fast-Food Restaurant with Drive-Through Window	3,802 GFA	934	52%	48%	33.03	55%	14.86	29.38	27.12	56.50
Less Existing Use:										
Drive-In Bank	3,802 GFA	912	50%	50%	21.01	35%	13.66	-25.97	-25.97	-51.94
							Net PM Peak Hour Trips Generated =	**3.41**	**1.15**	**4.56**
							Rounded Net PM Peak Hour Trips Generated (to be used for concurrency evaluation) =	***4***	***1***	***5***

Notes:

[1] GFA = Gross Floor Area.

[2] Land Use Code, trip rates, and directional splits from the Institute of Transportation Engineers (ITE), *Trip Generation Manual* , 11th Edition, 2021.

[3] Pass-by rate for LUC 934 and LUC 912 based on ITE *Trip Generation Manual, 11th* Edition, 2021.

DESIGN MANUAL CHECKLIST – Staff Worksheet

Project Name: Chipotle Mexican Grill

Application Number(s): PL-CUP-21-0003, PL-SPA-21-0012 & PL-DR-21-0186

Complete Application Date:

Dates Reviewed: **1st Review:** 10.28.2021 **Received Date:**

2nd Review: 12.10.2021 **Received Date:**

3rd Review: 1.10.2022 **Received Date:**

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.100 Activity Center Standards** *(NONRESIDENTIAL AND MIXED USE)*			
☐	☐	A. Provide continuous pedestrian links between building, sites and common areas within activity center. The site is located in the Olympic Drive/Pt. Fosdick Drive Interchange. Existing pedestrian connectivity exists as a result of the original 2009 Point Fosdick Square BSP.	☐	☑	☐
☐	☐	B. Identify locations for common parking lots and/or garages.	☑	☐	☐
☐	☐	C. Unify public directional signs. There is an existing sign attached to a light pole at the northwest corner of the site which contains directional reference to specified business names; this sign is nonconforming to this standard but is not proposed for change by the applicant.	☐	☑	☐
☐	☐	D. Coordinate all outdoor lighting fixtures and right-of-way paving materials. Outdoor lighting will remain as-is. No ROW paving is impacted by the project.	☐	☑	☐
☐	☐	E. Where practical, incorporate mixed use buildings, which accommodate residential units.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.140 Parkway Standards for On-Site Development** *(ALL DEVELOPMENT)* A. Reflect mass, scale and height of adjacent structures. Opus Bank (Chipotle) does not front Pt. Fosdick, or any other Parkway. Standards N/A.	☑	☐	☐
☐	☐	B. Avoid chain link fencing.	☑	☐	☐
☐	☐	C. Comply with parkway setbacks in Historic District.	☑	☐	☐
☐	☐	**17.99.160 Enhancement Corridors Standards** *(ALL DEVELOPMENT)* A. Retain significant trees. Site is not located within an Enhancement Corridor.	☑	☐	☐
☐	☐	B. Provide full screening or partial screening with glimpse-through areas.	☑	☐	☐
☐	☐	C. Maintain 30-foot setbacks from the rights-of-way and City of Tacoma Cushman transmission line properties that define Enhancement Corridors.	☑	☐	☐
☐	☐	D. Orient service and delivery areas away from Enhancement Corridors.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.160 Enhancement Corridors Standards Cont….** *(ALL DEVELOPMENT)* E. Screen or enhance parking lots visible from the SR 16 Enhancement Corridor.	☑	☐	☐
☐	☐	F. Screen or enhance building design.	☑	☐	☐
☐	☐	**17.99.180 Zone Transition Buffering Standards** *(ALL DEVELOPMENT)* Substantially separate and shield opposing zones located outside the height restriction area with a minimum 40-foot dense vegetative buffer. Site is surrounded on all sides by the B-2 zone, and is itself in the B-2 zone.	☑	☐	☐
☐	☐	**17.99.190 Zone Transition Development Standards** *(ALL DEVELOPMENT)* A. Limit building footprint to the average size of building footprints in the opposing zones**.	☑	☐	☐
☐	☐	B. Limit building height to the average height of building in opposing zones**.	☑	☐	☐
☐	☐	C. Avoid facing dissimilar structure along streets.	☑	☐	☐
☐	☐	D. Avoid the appearance of parking lots along residential streets.	☑	☐	☐

Admin. Review	DRB Review	**17.99.200 Alternative Zone Transition Standards** *(ALL DEVELOPMENT)*	Not Applicable	Complies	Not Compliant
☐	☐	A. Separation of structures.	☑	☐	☐
☐	☐	B. Architectural modulation of building.	☑	☐	☐
☐	☐	C. Rooflines.	☑	☐	☐
☐	☐	D. Location of service areas.	☑	☐	☐
☐	☐	E. Window and balcony orientation.	☑	☐	☐
☐	☐	F. Lighting.	☑	☐	☐
☐	☐	G. Vegetative buffering.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
		17.99.200 Alternative Zone Transition Standards cont. *(ALL DEVELOPMENT)* H. Existing nonconformities.	✔		
		I. Entryway orientation.	✔		
		J. Location of parking and driveway entrances.	✔		
		K. Open space and common areas.	✔		
		L. Existing natural characteristics of the site.	✔		
		M. Siding materials and details.	✔		
		17.99.220 Prominent Parcel Standards *(ALL DEVELOPMENT)* A. Incorporate significant trees and clusters of trees into the site design. The site is not located on a prominent parcel.	✔		

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.220 Prominent Parcel Standards Cont…** *(ALL DEVELOPMENT)* B. Avoid site designs which emphasize pavement, canopies or mechanical equipment.	☑	☐	☐
☐	☐	C. Provide a stately appearance to structures.	☑	☐	☐
☐	☐	D. Keep structures in the foreground.	☑	☐	☐
☐	☐	E. Minimize visibility of parking lots and service areas.	☑	☐	☐
☐	☐	F. Use landscaping to "frame" buildings and to screen parking and appurtenances.	☑	☐	☐
☐	☐	G. Coordinate development at intersections abutting prominent parcels	☑	☐	☐
☐	☐	**17.99.230 Transit Stops Standards** *(ALL DEVELOPMENT)* A. Locate transit stops behind the sidewalk. Pierce Transit was provided notice of the proposal and did not provide comment requiring transit stop improvements.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.230 Transit Stops Standards Cont…** *(ALL DEVELOPMENT)* B. Landscape transit stops or incorporate them into landscaped areas.	☑	☐	☐
☐	☐	C. Illuminate transit stops.	☑	☐	☐
☐	☐	**17.99.240 Natural Site Conditions** *(ALL DEVELOPMENT)* A. Limit clearing of vacant parcels to no more than 50 percent of significant trees and retain vegetation in all required buffers and setbacks. The site is not vacant; inapplicable standard.	☑	☐	☐
☐	☐	B. Retain natural vegetation on under-developed portion of the sites with approved site plan.	☑	☐	☐
☐	☐	C. Maintain natural topography. No grading or retaining walls are proposed as part of the project. Standards N/A.	☑	☐	☐
☐	☐	D. Incorporate approximately 25 percent of significant trees into the project. No tree removal is proposed.	☑	☐	☐
☐	☐	E. Replace lost trees which were intended to be retained.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.240 Natural Site Conditions Cont…** *(ALL DEVELOPMENT)* F. Retain the natural symmetry of trees.	☐	☑	☐
☐	☐	G. Maintain health and fullness of natural vegetation and buffer areas. Entire site is landscaped and developed; natural vegetation does not exist.	☑	☐	☐
☐	☐	**17.99.260 Primary Walkway Standards (IBE)** *(NONRESIDENTIAL)* A. Link nonresidential buildings to their fronting street with primary walkways. Applicant is not proposing changes to existing or proposed walkways which presently exist at the site and throughout the BSP.	☑	☐	☐
☐	☐	B. Assure that primary walkway width is proportionate to the scale of the project.	☑	☐	☐
☐	☐	C. Differentiate walkway surfaces.	☑	☐	☐
☐	☐	D. Accent walkways with significant landscaping.	☑	☐	☐
☐	☐	E. Accent primary walkways with lighting and seating.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.260 Primary Walkway Standards (IBE) Cont…** *(NONRESIDENTIAL)* F. Identify significant historic buildings, landscapes, places or events.	☑	☐	☐
☐	☐	**17.99.270 Secondary Walkways Standards (IBE)** *(NONRESIDENTIAL AND MULTIFAMILY)* A. Link each building with walkways.	☑	☐	☐
☐	☐	B. Assure adequate walkway width.	☑	☐	☐
☐	☐	C. Differentiate walkway surfaces.	☑	☐	☐
☐	☐	D. Avoid walkways which cross parking stalls.	☑	☐	☐
☐	☐	**17.99.280 Outdoor Common Area Standards** *(NONRESIDENTIAL)* A. Provide common area of a size proportionate to development. Applicant proposes no change to outdoor common area enjoyed throughout the BSP, nor is it required to provide additional outdoor common area.	☑	☐	☐
☐	☐	B. Choose type of common area best suited to development.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
		17.99.280 Outdoor Common Area Standards *(NONRESIDENTIAL)*			
☐	☐	C. Locate common area in view corridors.	☑	☐	☐
☐	☐	D. Provide direct access to common areas with pedestrian walkways.	☑	☐	☐
☐	☐	E. Provide outdoor seating where people want to sit.	☑	☐	☐
☐	☐	F. Take advantage of common area credits.	☑	☐	☐
☐	☐	G. Consider allowed activities in common areas.	☑	☐	☐
☐	☐	**17.99.290 Residential Setbacks** *(ALL RESIDENTIAL)* A. Conform to single-family and duplex setback requirements.	☑	☐	☐
☐	☐	B. Conform to multifamily setback requirements.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.300 Nonresidential Setbacks** *(NONRESIDENTIAL)*			
		A. Conform to setback requirements.	☐	☑	☐
		Positioning of structure with relation to setbacks is not changing - there is no expansion of the existing structure.			
☐	☐	B. Locate structures near front setback line (IBE).	☐	☑	☐
		17.99.310 Historic District Nonresidential Setbacks *(HISTORIC DISTRICT NONRESIDENTIAL)*			
☐	☐	A. Conform to nonresidential setback requirements.	☑	☐	☐
☐	☐	B. Consider side yard setbacks which best preserve views from adjacent parcels.	☑	☐	☐
		17.99.320 Historic District Residential Setbacks *(HISTORIC DISTRICT RESIDENTIAL)*			
☐	☐	A. Conform to residential setback requirements.	☑	☐	☐
☐	☐	B. Consider side yard setbacks which best preserve views from adjacent parcels.	☑	☐	☐
☐	☐	C. Consider incentives to locate residential garage behind house.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.330 Parking Lot Standards** *(NONRESIDENTIAL)* A. Limit the number of curb cuts. No change to the existing parking lot.	☑	☐	☐
☐	☐	B. Limit driveway widths to maximize landscaping at the streetface.	☑	☐	☐
☐	☐	C. Conform to lighting standards in GHMC 17.99.350.	☑	☐	☐
☐	☐	D. Incorporate pedestrian ways into parking lot.	☑	☐	☐
☐	☐	E. Minimize parking in front of building's (IBE).	☑	☐	☐
☐	☐	F. Avoid parking in front of buildings entrance.	☑	☐	☐
☐	☐	G. Minimize driveway encroachments into setback areas.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.330 Parking Lot Standards Cont…** *(NONRESIDENTIAL)* H. Avoid parking near street corners.	☑	☐	☐
☐	☐	**17.99.340 Fences** *(ALL DEVELOPMENT)* A. Choose fence materials carefully (IBE). Applicant does not propose fencing.	☑	☐	☐
☐	☐	B. Limit chain link to nonvisible areas.	☑	☐	☐
☐	☐	C. Limit height of fences (IBE).	☑	☐	☐
☐	☐	**17.99.350 Outdoor Lighting Standards** *(ALL DEVELOPMENT)* A. Keep light sources hidden from public view. Existing lighting to remain on all facades.	☐	☑	☐
☐	☐	B. Use downward directional lighting.	☑	☐	☐
☐	☐	C. Avoid lighting large areas with single source.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
		17.99.350 Outdoor Lighting Standards *(ALL DEVELOPMENT)*			
☐	☐	D. Avoid excessive light throw.	☑	☐	☐
☐	☐	E. Choose approved outdoor light designs.	☑	☐	☐
☐	☐	F. Avoid light fixture designs which have a utilitarian appearance.	☑	☐	☐
☐	☐	G. Limit height of pole fixtures.	☑	☐	☐
		17.99.360 Outdoor Furnishings *(NONRESIDENTIAL)*			
☐	☐	A. The use of commercial grade outdoor furniture designed for heavy public use is encouraged. Material of furniture is steel and is consistent with this standard.	☐	☑	☐
☐	☐	B. Choose canvas or mesh fabric umbrellas. No umbrellas are proposed.	☑	☐	☐
☐	☐	C. Choose market-type umbrellas in public rights-of-way. No umbrellas are proposed.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
		17.99.370 Site-Sensitive Building Design *(ALL DEVELOPMENT)*			
☐	☐	A. Respect natural topography.	☐	☑	☐
☐	☐	B. Incorporate building design elements into landscaping areas. In its existing state, the site conforms with this standard. Applicant proposes no siding change, or material change of existing low walls/planter boxes.	☐	☑	☐
☐	☐	C. Avoid cantilevered designs.	☑	☐	☐
☐	☐	D. Determine allowable building height from any point within buildable area. Allowed bldg height = 35'; existing & proposed height = 28'.	☐	☑	☐
		17.99.380 Mass & Scale *(NONRESIDENTIAL & MULITFAMILY)*			
☐	☐	A. Avoid long, low wall planes (IBE). No change to building's massing or scaling.	☑	☐	☐
☐	☐	B. Provide substantial shifts in walls and roof surfaces (IBE).	☑	☐	☐
☐	☐	1. Horizontal shift	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.380 Mass & Scale Cont…** *(NONRESIDENTIAL & MULITFAMILY)* 2. Vertical shift	☑	☐	☐
☐	☐	C. Avoid a false-front look on building exterior.	☑	☐	☐
☐	☐	D. Provide visual terminus to tops of buildings.	☑	☐	☐
☐	☐	E. Avoid unusual or atypical roof forms on all structures.	☑	☐	☐
☐	☐	**17.99.390 Hierarchy in Building Design** *(NONRESIDENTIAL)* A. Design primary structures as a focal point (IBE). Lot contains only 1 structure.	☑	☐	☐
☐	☐	1. Must be prominently visible to the public.	☑	☐	☐
☐	☐	2. Must have the appearance of at least two levels.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
		17.99.390 Hierarchy in Building Design Cont… *(NONRESIDENTIAL)*			
☐	☐	3. May have limited increased height.	☑	☐	☐
☐	☐	4. Must provide a prominent entrance.	☑	☐	☐
☐	☐	B. Integrate outdoor leisure space into primary structure design (IBE).	☑	☐	☐
☐	☐	C. Integrate primary structure design elements into secondary structures (IBE).	☑	☐	☐
		17.99.400 Prominent Facades *(NONRESIDENTIAL & MULTIFAMILY)*			
☐	☐	A. Provide consistent architectural interest to all prominent facades.	☐	☑	☐
☐	☐	B. Apply all design criteria to prominent facades (IBE).	☐	☐	☐
		17.99.410 Windows & Doors *(NONRESIDENTIAL & MULTIFAMILY)*			
☐	☐	A. Maintain balance in the placement of windows. No change to the placement of existing windows.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.410 Windows & Doors Cont….** *(NONRESIDENTIAL & MULTIFAMILY)* B. Conform to solid/void ratio requirements (IBE). No changes to solid/void proposed on 3 of the facades; only facade with proposed changes do not create an inconsistency with this standard (24.58% void = appx. 25-30%).	☐	☑	☐
☐	☐	C. Mirrored glass is prohibited.	☐	☑	☐
☐	☐	**17.99.420 Siding & Trim** *(NONRESIDENTIAL & MULTIFAMILY)* A. Use siding materials that convey the same visual qualities as wood, brick, stone, stacked masonry or (in limited application) other unspecified materials (IBE). No changes to existing siding.	☑	☐	☐
☐	☐	B. Consider masonry façade option. The applicant has not indicated they will pursue this option - to be further looked at in next review if applicant opts for this route.	☑	☐	☐
☐	☐	**17.99.430 Roofing Materials** *(NONRESIDENTIAL & MULTIFAMILY)* A. Use roofing materials which provide texture and shadow lines. No changes to the roof are proposed.	☑	☐	☐
☐	☐	B. Avoid bright-colored or reflective roofing materials.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
		17.99.440 Design Details *(NONRESIDENTIAL & MULTIFAMILY)*			
☐	☐	A. Avoid architectural gimmicks.	☐	☑	☐
☐	☐	B. Maintain consistency in awning design.	☑	☐	☐
☐	☐	C. Avoid awnings which obscure or dominate the building design.	☑	☐	☐
☐	☐	D. Orient service and delivery areas away from the streets (IBE).	☑	☐	☐
☐	☐	E. Link dissimilar buildings with common site amenities.	☑	☐	☐
		17.99.450 Color *(NONRESIDENTIAL & MULTIFAMILY)*			
☐	☐	A. Keep field colors subdued. No color change to existing structure materials is proposed.	☑	☐	☐
☐	☐	B. Avoid bold or bright trim colors.	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.450 Color Cont…** *(NONRESIDENTIAL & MULTIFAMILY)* C. Limit bright colors to finer architectural details.	☑	☐	☐
☐	☐	D. Avoid painting factory colors of stone and brick.	☑	☐	☐
☐	☐	**17.99.460 Lighting** *(NONRESIDENTIAL & MULTIFAMILY)* A. Avoid back-lit panels and awnings. Existing lighting to remain on all facades.	☐	☑	☐
☐	☐	B. Keep light source hidden from public view.	☑	☐	☐
☐	☐	C. Avoid bright lighting on outdoor surface of buildings (IBE).	☑	☐	☐
☐	☐	D. Avoid colored lighting on buildings.	☑	☐	☐
☐	☐	E. Avoid light fixture designs which have a utilitarian appearance (IBE).	☑	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.460 Lighting Cont…** *(NONRESIDENTIAL & MULTIFAMILY)* F. Use downward-directional lighting.	☑	☐	☐
☐	☐	**17.99.470 Parking Garages** *(NONRESIDENTIAL & MULTIFAMILY)* A. Recess vehicle entries in main façade. All standards henceforth are inapplicable.	☑	☐	☐
☐	☐	B. Screen parking garage facades.	☐	☐	☐
☐	☐	C. Acquire DRB recommendation/hearing examiner approval for all parking garages over one-story or which enclose 20 cars or more.	☐	☐	☐
☐	☐	**17.99.480 Multifamily Housing Standards** *(MULTIFAMILY)* A. Design units to fit slope conditions.	☐	☐	☐
☐	☐	B. Avoid parking lots oriented to the street.	☐	☐	☐
☐	☐	C. Avoid dominant garages on multifamily or high-density housing.	☐	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.480 Multifamily Housing Standards Cont…** *(MULTIFAMILY)* D. Vary design on unit or groups of units.	☐	☐	☐
☐	☐	E. Provide consistent architectural interest to all prominent facades.	☐	☐	☐
☐	☐	**17.99.490 Single-Family and Duplex Housing Standards** *(SINGLE-FAMILY AND DUPLEX)* A. De-emphasize garages.	☐	☐	☐
☐	☐	B. Emphasize front entry.	☐	☐	☐
☐	☐	C. Determine allowable building height from any point within setback area.	☐	☐	☐
☐	☐	D. Avoid visually looming wall planes.	☐	☐	☐
☐	☐	E. If applicable, conform to all parkways standards.	☐	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.490 Single-Family and Duplex Housing Standards Cont.** *(SINGLE-FAMILY AND DUPLEX)* F. Conform to all building and outdoor lighting standards.	☐	☐	☐
☐	☐	G. Conform to all fencing standards.	☐	☐	☐
☐	☐	**17.99.510 Building Massing & Height – Historic District** *(RESIDENTIAL)* A. Incorporate characteristic roof lines and massing into residential structures.	☐	☐	☐
☐	☐	**17.99.510 Building Massing & Height – Historic District** *(NONRESIDENTIAL)* B. Conform to height standards for nonresidential structures.	☐	☐	☐
☐	☐	C. Avoid unusual or atypical roof forms on all structures.	☐	☐	☐
☐	☐	D. Respect scale of adjacent structure.	☐	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.520 Garage & Front Entry – Historic District** *(RESIDENTIAL)* A. De-emphasize residential garages.	☐	☐	☐
☐	☐	B. Emphasize front entry.	☐	☐	☐
☐	☐	C. Respect scale of adjacent structure.	☐	☐	☐
☐	☐	**17.99.530 Window Design – Historic District** *(ALL DEVELOPMENT)* A. Maintain balance in the placement of windows.	☐	☐	☐
☐	☐	B. Conform to solid/void ratio requirements.	☐	☐	☐
☐	☐	C. Use window muntins representative of Gig Harbor's historic structures.	☐	☐	☐
☐	☐	D. Use double-hung, casement, or fixed windows.	☐	☐	☐

Admin. Review	DRB Review	**17.99.530 Window Design – Historic District Cont…** *(ALL DEVELOPMENT)*	Not Applicable	Complies	Not Compliant
☐	☐	E. Develop and maintain vertical window pattern.	☐	☐	☐
☐	☐	F. Group vertical windows for wider openings.	☐	☐	☐
☐	☐	G. Consider storefront transom windows.	☐	☐	☐
☐	☐	H. Orient retail windows to the street.	☐	☐	☐
☐	☐	I. Use irregular-shaped windows sparingly.	☐	☐	☐
☐	☐	J. Use windows with traditional frame depth and shadow lines.	☐	☐	☐
☐	☐	K. Wrap windows in a traditional manner.	☐	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.530 Window Design – Historic District Cont…** *(ALL DEVELOPMENT)* L. Consider width of window when selecting shutters.	☐	☐	☐
☐	☐	M. Reflective glass is prohibited	☐	☐	☐
☐	☐	**17.99.540 Siding & Trim – Historic District** *(ALL DEVELOPMENT)* A. Use siding materials that convey the same visual qualities as wood, brick, stone, stacked masonry or (in limited application) other specified materials.	☐	☐	☐
☐	☐	**17.99.545 Railings– Historic District** *(ALL DEVELOPMENT)* A. Use historically appropriate railing design for all structures either listed or eligible for listing on the City's Register of Historic Places.	☐	☐	☐
☐	☐	B. Use architecturally appropriate quality design for those structures that are either not listed or not eligible for listing on the City's Register of Historic Places.	☐	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.550 Awning Design – Historic District** *(NONRESIDENTIAL & MULTIFAMILY)* A. Align bottom edge of awnings.	☐	☐	☐
☐	☐	B. Choose awning design appropriate to building style.	☐	☐	☐
		17.99.560 Roofing Materials – Historic District *(RESIDENTIAL)*			
☐	☐	A. Use roof materials which provide texture and shadow lines.	☐	☐	☐
☐	☐	B. Avoid bright-colored or reflective roofing materials.	☐	☐	☐
		17.99.570 Colors – Historic District *(ALL DEVELOPMENT)*			
☐	☐	A. Keep field colors subdued.	☐	☐	☐
☐	☐	B. Avoid bold or bright trim colors.	☐	☐	☐
☐	☐	C. Limit bright colors to finer architectural details.	☐	☐	☐

Admin. Review	DRB Review		Not Applicable	Complies	Not Compliant
☐	☐	**17.99.570 Colors – Historic District Cont….** *(ALL DEVELOPMENT)* D. Avoid painting factory colors of stone and brick.	☐	☐	☐
☐	☐	**17.99.580 Preservation of Historic Structures** *(ALL DEVELOPMENT)* A. Consider design review board review of historic structure remodels.	☐	☐	☐
☐	☐	B. Preserve integrity of original structure's form.	☐	☐	☐
☐	☐	C. Maintain original window pattern and design.	☐	☐	☐
☐	☐	D. Maintain prominent and characteristic design features of original building.	☐	☐	☐
☐	☐	E. Continue original building's siding and trim materials onto remodels and additions.	☐	☐	☐

POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT

THE PURPOSE OF THIS BINDING SITE PLAN AMENDMENT IS TO AMEND CONDITIONS OF APPROVAL AND THE SITE PLAN, WHICH INCLUDES INCREASED PARKING STALLS, CHANGING PROPOSED BUILDING FOOTPRINTS AND FLOOR AREAS, AND CHANGES TO THE FUEL STATION BUILDING.

DEDICATION

WE, THE UNDERSIGNED, ATTEST THAT WE ARE THE CONTRACT PURCHASERS OR OWNERS IN FEE SIMPLE OF THE LAND REPRESENTED IN THIS BINDING SITE PLAN AMENDMENT, AND HAVE NO RIGHT, TITLE, OR INTEREST OF ANY KIND IN ANY UNPLATTED LAND CONTIGUOUS TO ANY PART OF THE LAND INCLUDED IN THIS BINDING SITE PLAN AMENDMENT. THIS BINDING SITE PLAN AMENDMENT IS MADE WITH OUR FREE CONSENT AND IN ACCORDANCE WITH OUR DESIRES.

IN WITNESS THEREOF WE HAVE SET OUR HANDS AND SEALS.

POINT FOSDICK SQUARE, LLC.

POINT FOSDICK SQUARE, LLC.
A WASHINGTON LIMITED LIABILITY COMPANY
BY: SAFEWAY INC.
A DELAWARE CORPORATION
ITS: SOLE MEMBER

BY: _____
ITS: ASSISTANT VICE PRESIDENT

BY: _____
ITS: ASSISTANT SECRETARY

PROPERTY DEVELOPMENT CENTERS, LLC.

PROPERTY DEVELOPMENT CENTERS, LLC.
A DELAWARE LIMITED LIABILITY COMPANY
BY: SAFEWAY INC.
A DELAWARE CORPORATION
ITS: SOLE MEMBER

BY: _____
ITS: ASSISTANT VICE PRESIDENT

BY: _____
ITS: ASSISTANT SECRETARY

BANK OF AMERICA, N.A.

BANK OF AMERICA, N.A.
A NATIONAL ASSOCIATION
BY: CARSTEN STEHL
ITS: VICE PRESIDENT

ACKNOWLEDGMENTS

STATE OF CALIFORNIA
COUNTY OF Alameda)

ON January 28, 2013 BEFORE ME, Janice M Palmer, Notary Public
(INSERT NAME AND TITLE OF THE OFFICER)

PERSONALLY APPEARED Linda S. MacDonald & Dennis M. Roman
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) ~~IS/~~ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT ~~HE/SHE~~/THEY EXECUTED THE SAME IN ~~HIS/HER~~/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY ~~HIS/HER~~/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

SIGNATURE _____ (SEAL)

Janice M Palmer
Commission # 1988591
Commission Expires: September 16, 2016

STATE OF WASHINGTON } SS
COUNTY OF KING }

ON THIS DAY PERSONALLY APPEARED BEFORE ME CARSTEN STEHL KNOWN BY ME TO BE THE VICE PRESIDENT OF BANK OF AMERICA, THE CORPORATION DESCRIBED IN THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED IT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID CORPORATION FOR THE USES AND PURPOSED THEREIN MENTIONED, AND ON OATH STATED THAT (S)HE WAS AUTHORIZED TO EXECUTE SAID INSTRUMENT ON BEHALF OF SAID COMPANY.

GIVEN UNDER MY HAND AND OFFICIAL SEAL THIS 30th DAY OF January, 2013.

_____
SIGNATURE OF NOTARY PUBLIC

Gregory N Bloom
PRINTED NAME

September 20, 2015
MY APPOINTMENT EXPIRES

Notary Public
State of Washington
GREGORY NELSON BLOOM
MY COMMISSION EXPIRES
September 21, 2015

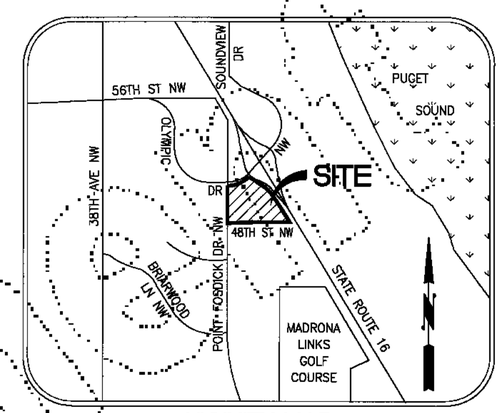
Seal

LEGAL DESCRIPTIONS

LOTS 1 THROUGH 13, POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN, RECORDED UNDER RECORDING NO. 201105275001 AND AMENDED BY POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN AMENDMENT RECORDED UNDER RECORDING NO. 201201275001, RECORDS OF PIERCE COUNTY, WASHINGTON;

TOGETHER WITH BENEFICIAL RIGHTS AND EASEMENTS AS DESCRIBED IN AND DISCLOSED BY INSTRUMENTS RECORDED UNDER RECORDING NO. 201105270283 AND INSTRUMENT RECORDED UNDER RECORDING NO. 201106150170 AND RE–RECORDED UNDER RECORDING NO. 201111150881, RECORDS OF PIERCE COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.



VICINITY MAP

SURVEY INFORMATION

PROCEDURE / NARRATIVE

THIS IS A FIELD TRAVERSE SURVEY. A TOPCON GR–3 BASE AND ROVER RTK SYSTEM, AND TRIMBLE 5600 ROBOTIC TOTAL STATION WERE USED TO MEASURE DISTANCE AND ANGULAR RELATIONSHIPS OF ALL MONUMENTS AND TOPOGRAPHIC FEATURES. CLOSURE RATIOS OF THE TRAVERSE MET OR EXCEEDED THOSE SPECIFIED IN WAC 332–130–090. ALL INSTRUMENTS AND EQUIPMENT HAVE BEEN MAINTAINED IN ADJUSTMENT ACCORDING TO MANUFACTURERS SPECIFICATIONS.

DATES OF SURVEYS

FIELD SURVEYS BY BARGHAUSEN CONSULTING ENGINEERS, INC. CONDUCTED APRIL 2009. ALL MONUMENTS SHOWN AS FOUND WERE VISITED AT THAT TIME.

HORIZONTAL DATUM - BASIS OF BEARINGS

THE BASIS OF BEARINGS IS THE BEARING BETWEEN WCCS 79 AND WCCS 75, TAKEN AS NORTH 02°05'53" EAST, BASED UPON NORTH AMERICAN DATUM OF 1983 – NAD 83 (91) – WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.

FULL LEGAL DESCRIPTION FOR POINT FOSDICK SQUARE GIG HARBOR BINDING SITE PLAN

LOTS 1 THROUGH 13 OF POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN AMENDMENT RECORDED UNDER RECORDING NO. 201201275001, IN PIERCE COUNTY, WASHINGTON;

TAX PARCEL NOS.

4003030010, 4003030020, 4003030030, 4003030040, 4003030050, 4003030060, 4003030070, 4003030080, 4003030090, 4003030100, 4003030110, 4003030120 & 4003030130

PLANNING DEPARTMENT

I HEREBY CERTIFY THAT THIS BINDING SITE PLAN AMENDMENT CONFORMS TO THE APPLICABLE ZONING ORDINANCES, COMPREHENSIVE PLAN, BUILDING CODES OR OTHER LAND USE CONTROLS AT THE TIME OF THIS APPROVAL.

_____ 2/15/13
PLANNING DIRECTOR DATE

ENGINEERING DEPARTMENT

I HEREBY CERTIFY THAT THIS BINDING SITE PLAN AMENDMENT IS BEING RECORDED IN COMPLIANCE WITH THE CITY OF GIG HARBOR PUBLIC WORKS STANDARDS FOR EXISTING STREETS, OTHER RIGHTS–OF–WAY, BRIDGES, SEWAGE AND WATER SYSTEMS, AND OTHER STRUCTURES.

_____
CITY ENGINEER DATE

COUNTY ASSESSOR-TREASURER

I HEREBY CERTIFY THAT ALL STATE AND COUNTY TAXES HERETOFORE LEVIED AGAINST THE PROPERTY DESCRIBED HEREON, ACCORDING TO THE BOOKS AND RECORDS OF MY OFFICE, HAVE BEEN FULLY PAID AND DISCHARGED.

Mike Lonergan 2-1-13
PIERCE COUNTY ASSESSOR/TREASURER FN DATE

AUDITOR'S CERTIFICATE:

$163.-

FILED FOR RECORD THIS 15th DAY OF FEB. , 20 13 AT 04
MINUTES PAST 1 P.M., AT THE REQUEST OF _____
AUDITOR'S FEE NO. 201302155002
By: Julie Anderson by: L.L. Patterson
DEPUTY AUDITOR DATE

LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF POINT FOSDICK SQUARE, LLC. IN APRIL, 2012.

DENNIS J. SALTIS, PLS
WASHINGTON REGISTRATION NO. 27328
DATE SIGNED 1/25/13

DENNIS J. SALTIS STATE OF WASHINGTON 20328 REGISTERED PROFESSIONAL LAND SURVEYOR

BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251–6222
(425)251–8782 FAX
CIVIL ENGINEERING LAND PLANNING SURVEYING ENVIRONMENTAL SERVICES

DRAWN BY:	KMA
DATE:	04/20/12
SCALE:	N/A
CHECKED BY:	DJS
JOB NO.:	14282

POINT FOSDICK SQUARE
GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT

INDEX DATA

A Portion of the SW1/4 of SE1/4
Section 17, T21N, R2E, Willamette Meridian
City of Gig Harbor, Pierce County, Washington

SHT 1 OF 6

201302155002

For reference only, not for sale

ORIGINAL

Plotted: \\1000s\14282\survey\plats\14282bsp03-2ndamendment.dwg Date/Time: 1/25/2013 10:08 AM Scale: 1:1 XrefDependent

POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT

TITLE NOTES (LOTS 1 THROUGH 9, AND 11)

A PLAT CERTIFICATE PROVIDED BY OLD REPUBLIC TITLE, LTD., THEIR ORDER NO. 5207101020-5 AND DATED SEPTEMBER 12, 2012 WAS RELIED UPON FOR RECORD INFORMATION AFFECTING THIS SURVEY.

1-15) NOT APPLICABLE TO BE SHOWN ON SURVEY.

16) RELINQUISHMENT OF ALL EXISTING AND FUTURE RIGHTS TO LIGHT, VIEW AND AIR, TOGETHER WITH THE RIGHTS OF ACCESS TO AND FROM THE STATE HIGHWAY, AFN 1783629.

17) RELINQUISHMENT OF ALL EXISTING AND FUTURE RIGHTS TO LIGHT, VIEW AND AIR, TOGETHER WITH THE RIGHTS OF ACCESS TO AND FROM THE STATE HIGHWAY, AFN 2474722 (BLANKET).

18) CONDEMNATION IN PIERCE COUNTY SUPERIOR COURT BY THE STATE OF WASHINGTON, OF RIGHTS OF ACCESS TO STATE HIGHWAY, AND OF LIGHT, VIEW AND AIR, BY DECREE, CAUSE NO. 202933.

19) RESERVATION OF ALL EXISTING AND FUTURE RIGHTS TO LIGHT, VIEW AND AIR, TOGETHER WITH THE RIGHTS OF ACCESS TO AND FROM THE STATE HIGHWAY, AFN 2494254 (BLANKET).

20) RESTRICTIONS, CONDITIONS, DEDICATIONS, NOTES, EASEMENTS AND PROVISIONS, AS DELINEATED ON LARGE LOT DIVISION, AFN 8403160123.

21) TERMS, PROVISIONS AND EASEMENTS CONTAINED IN DOCUMENT ENTITLED "STORM WATER FACILITIES MAINTENANCE AGREEMENT AND RESTRICTIVE COVENANT", AFN 201104220299 (BLANKET).

22) TERMS, PROVISIONS AND EASEMENTS CONTAINED IN DOCUMENT ENTITLED "SANITARY SEWER FACILITIES MAINTENANCE AGREEMENT", AFN 201104220305 (BLANKET).

23) RESTRICTIONS, CONDITIONS, DEDICATIONS, NOTES, EASEMENTS AND PROVISIONS, AS CONTAINED AND/OR DELINEATED ON THE FACE OF POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN, AFN 201105275001.

24) COVENANTS, CONDITIONS, RESTRICTIONS AND/OR EASEMENTS, AFN 201105270283.

25) EASEMENT FOR SANITARY SEWER LINE, AFN 201111150881, BEING A RE-RECORDING OF AFN 201106150170.

26) EASEMENT TO CITY OF GIG HARBOR FOR RIGHT OF WAY AND UTILITIES, AFN 2011053110074.

27) EASEMENT TO RAINIER VIEW WATER COMPANY, INC. FOR WATERLINE & PUMPHOUSE, AFN 201111230268.

28) EASEMENT TO PUGET SOUND ENERGY, INC. FOR GAS, FIBER OPTIC AND COMMUNICATION LINES & FACILITIES, AFN 201112200555.

29) EASEMENT TO PENINSULA LIGHT COMPANY FOR UNDERGROUND ELECTRIC POWER CABLES, PHONE LINES AND CABLE TV AND APPURTENANCES, AFN 201204120178.

30) COVENANTS, CONDITIONS, RESTRICTIONS, LIMITATIONS, EASEMENTS, ASSESSMENTS, RESERVATIONS, EXCEPTIONS, TERMS, LIENS OR CHARGES, AFN 201206200917.

31) EASEMENT FOR GREASE TRAP, AFN 201207120561.

TITLE NOTES (LOTS 10, 12 AND 13)

A PLAT CERTIFICATE PROVIDED BY OLD REPUBLIC TITLE, LTD., THEIR ORDER NO. 5207104485 AND DATED SEPTEMBER 12, 2012 WAS RELIED UPON FOR RECORD INFORMATION AFFECTING THIS SURVEY.

1-10) NOT APPLICABLE TO BE SHOWN ON SURVEY.

11) RELINQUISHMENT OF ALL EXISTING AND FUTURE RIGHTS TO LIGHT, VIEW AND AIR, TOGETHER WITH THE RIGHTS OF ACCESS TO AND FROM THE STATE HIGHWAY, AFN 1783629.

12) RELINQUISHMENT OF ALL EXISTING AND FUTURE RIGHTS TO LIGHT, VIEW AND AIR, TOGETHER WITH THE RIGHTS OF ACCESS TO AND FROM THE STATE HIGHWAY, AFN 2474722 (BLANKET).

13) CONDEMNATION IN PIERCE COUNTY SUPERIOR COURT BY THE STATE OF WASHINGTON, OF RIGHTS OF ACCESS TO STATE HIGHWAY, AND OF LIGHT, VIEW AND AIR, BY DECREE, CAUSE NO. 202933.

14) RESERVATION OF ALL EXISTING AND FUTURE RIGHTS TO LIGHT, VIEW AND AIR, TOGETHER WITH THE RIGHTS OF ACCESS TO AND FROM THE STATE HIGHWAY, AFN 2494254 (BLANKET).

15) RESTRICTIONS, CONDITIONS, DEDICATIONS, NOTES, EASEMENTS AND PROVISIONS, AS DELINEATED ON LARGE LOT DIVISION, AFN 8403160123.

16) TERMS, PROVISIONS AND EASEMENTS CONTAINED IN STATUTORY WARRANTY DEED, AFN 2718653.

17) TERMS, PROVISIONS AND EASEMENTS CONTAINED IN DOCUMENT ENTITLED "EXCLUSIVE USE OF PARKING AND DRIVE LANE AREAS AGREEMENT, AFN 9501040083 (BLANKET) (TO BE RELINQUISHED).

18) MATTERS CONTAINED IN STATUTORY WARRANTY DEED, AFN 200008180452.

19) MATTERS CONTAINED IN STATUTORY WARRANTY DEED, AFN 200012070675.

20) TERMS, PROVISIONS AND EASEMENTS CONTAINED IN DOCUMENT ENTITLED "STORM WATER FACILITIES MAINTENANCE AGREEMENT AND RESTRICTIVE COVENANT", AFN 201104220299 (BLANKET).

21) TERMS, PROVISIONS AND EASEMENTS CONTAINED IN DOCUMENT ENTITLED "SANITARY SEWER FACILITIES MAINTENANCE AGREEMENT", AFN 201104220305 (BLANKET).

22) RESTRICTIONS, CONDITIONS, DEDICATIONS, NOTES, EASEMENTS AND PROVISIONS, AS CONTAINED AND/OR DELINEATED ON THE FACE OF THE POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN, AFN 201105275001.

23) COVENANTS, CONDITIONS, RESTRICTIONS AND/OR EASEMENTS, AFN 201105270283.

24) EASEMENT FOR SANITARY SEWER LINE, AFN 201111150881, BEING A RE-RECORDING OF AFN 201106150170.

25) EASEMENT TO CITY OF GIG HARBOR FOR RIGHT OF WAY AND UTILITIES, AFN 2011053110074.

26) EASEMENT TO CITY OF GIG HARBOR FOR RIGHT OF WAY, AFN 201105310076.

27) EASEMENT TO RAINIER VIEW WATER COMPANY, INC. FOR WATERLINE & PUMPHOUSE, AFN 201111230268.

28) EASEMENT TO PUGET SOUND ENERGY, INC. FOR GAS, FIBER OPTIC & COMMUNICATION LINES & FACILITIES, AFN 201112200555.

29) EASEMENT TO PENINSULA LIGHT COMPANY FOR UNDERGROUND ELECTRIC POWER CABLES, PHONE LINES AND CABLE TV AND APPURTENANCES, AFN 201204120178.

30) COVENANTS, CONDITIONS, RESTRICTIONS, LIMITATIONS, EASEMENTS, ASSESSMENTS, RESERVATIONS, EXCEPTIONS, TERMS, LIENS OR CHARGES, AFN 201206200917.

31) EASEMENT FOR GREASE TRAP, AFN 201207120561.

SITE ADDRESSES

LOT 1	COMMON AREA	LOT 8	4823 POINT FOSDICK DRIVE NW
LOT 2	4919 POINT FOSDICK DRIVE NW	LOT 9	4827 POINT FOSDICK DRIVE NW
LOT 3	4929 POINT FOSDICK DRIVE NW	LOT 10	4831 POINT FOSDICK DRIVE NW
LOT 4	4935 POINT FOSDICK DRIVE NW	LOT 11	DETENTION POND
LOT 5	4907 POINT FOSDICK DRIVE NW	LOT 12	4803 POINT FOSDICK DRIVE NW
LOT 6	4901 POINT FOSDICK DRIVE NW	LOT 13	4815 POINT FOSDICK DRIVE NW
LOT 7	4819 POINT FOSDICK DRIVE NW		

SITE INFORMATION

ZONING DISTRICT: B-2 – GENERAL BUSINESS

ALL LOTS SHALL BE SPRINKLERED, EXCEPT THE BANK OF AMERICA SITE.

CONSTRUCTION TYPES TO BE DETERMINED AT THE TIME OF INDIVIDUAL BUILDING PERMIT APPLICATION

SHOP/RETAIL USE – GROSS FLOOR AREA	
RETAIL A:	20,745 SF
RETAIL B:	11,428 SF
RETAIL D:	5,377 SF
RETAIL E:	11,357 SF
RETAIL F:	8,932 SF
FLOATING MEZZANINE	1,800 SF
WHICH MAY BE LOCATED IN RETAIL B, RETAIL D, RETAIL E OR RETAIL F (SUBJECT TO CONDITIONS OF APPROVAL)	
PAD 1 (BANK):	3,865 SF
PAD 2 (RESTAURANT):	5,101 SF
PAD 3 (FUEL STATION):	778 SF
SAFEWAY:	63,700 SF
KOHL'S:	55,920 SF
BANK OF AMERICA:	4,342 SF

PARKING & MANEUVERING AREA PROVIDED	343,262 SF
TOTAL PARKING STALLS PROVIDED NOTE: PARKING IS SHARED ACROSS THE SITE	656
TOTAL COMMON AREA PROVIDED	21,912 SF
PERCENTAGE OF PARCEL RESERVED FOR LANDSCAPING	28.0%
TOTAL PERVIOUS COVERAGE PROPOSED	237,618 SF

PER GHMC 17.36.070 – MAXIMUM IMPERVIOUS CONVERAGE, IN A B-2 DISTRICT, THE MAXIMUM IMPERVIOUS COVERAGE IS 70%.

TOTAL SITE AREA	809,955 SF
MINUS R-O-W DEDICATION	4,659 SF
NET SITE AREA	805,296 SF
TOTAL IMPERVIOUS COVERAGE PROVIDED	567,678 SF

MUTUAL USE

ALL COMMON AREAS, PARKING AREAS, ACCESS, UTILITIES AND SIGNAGE (EXCEPT FOR THE EXISTING BANK OF AMERICA SIGN) ARE TO BE MUTUALLY SHARED AMONG ALL LOTS, AND ARE AVAILABLE FOR USE BY EACH PARCELS OWNERS AND PATRONS. PLEASE ALSO REFER TO THE CC&R'S.

LAND AREAS

CALCULATED TOTAL LAND AREA 805,296 SF

LOT 1	14,397 SQ. FT. (0.331 ACRES)	LOT 8	20,113 SQ. FT. (0.462 ACRES)
LOT 2	52,581 SQ. FT. (1.207 ACRES)	LOT 9	26,386 SQ. FT. (0.605 ACRES)
LOT 3	190,433 SQ. FT. (4.372 ACRES)	LOT 10	206,344 SQ. FT. (4.737 ACRES)
LOT 4	36,484 SQ. FT. (0.837 ACRES)	LOT 11	78,414 SQ. FT. (1.800 ACRES)
LOT 5	41,882 SQ. FT. (0.961 ACRES)	LOT 12	25,732 SQ. FT. (0.591 ACRES)
LOT 6	46,718 SQ. FT. (1.072 ACRES)	LOT 13	39,986 SQ. FT. (0.918 ACRES)
LOT 7	25,826 SQ. FT. (0.593 ACRES)		

GENERAL NOTES

1. ALL DEVELOPMENT OF THIS SITE PLAN SHALL BE IN CONFORMITY WITH APPROVED SITE PLAN NOS. PL-SPR-09-0003, PL-SPA-11-0006, PL-SPR-11-0003, PL-SPA-12-0010 & SPR-12-0007.

DENNIS J. SAL — STATE OF WASHINGTON — 24328 — REGISTERED PROFESSIONAL LAND SURVEYOR — SIGNED

BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251-6222
(425)251-8782 FAX
CIVIL ENGINEERING, LAND PLANNING, SURVEYING, ENVIRONMENTAL SERVICES

DRAWN BY:	KMA
DATE:	04/20/12
SCALE:	N/A
CHECKED BY:	DJS
JOB NO.:	14282

POINT FOSDICK SQUARE
GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT

INDEX DATA

A Portion of the SW1/4 of SE1/4
Section 17, T21N, R2E, Willamette Meridian
City of Gig Harbor, Pierce County, Washington

SHT 2 OF 6

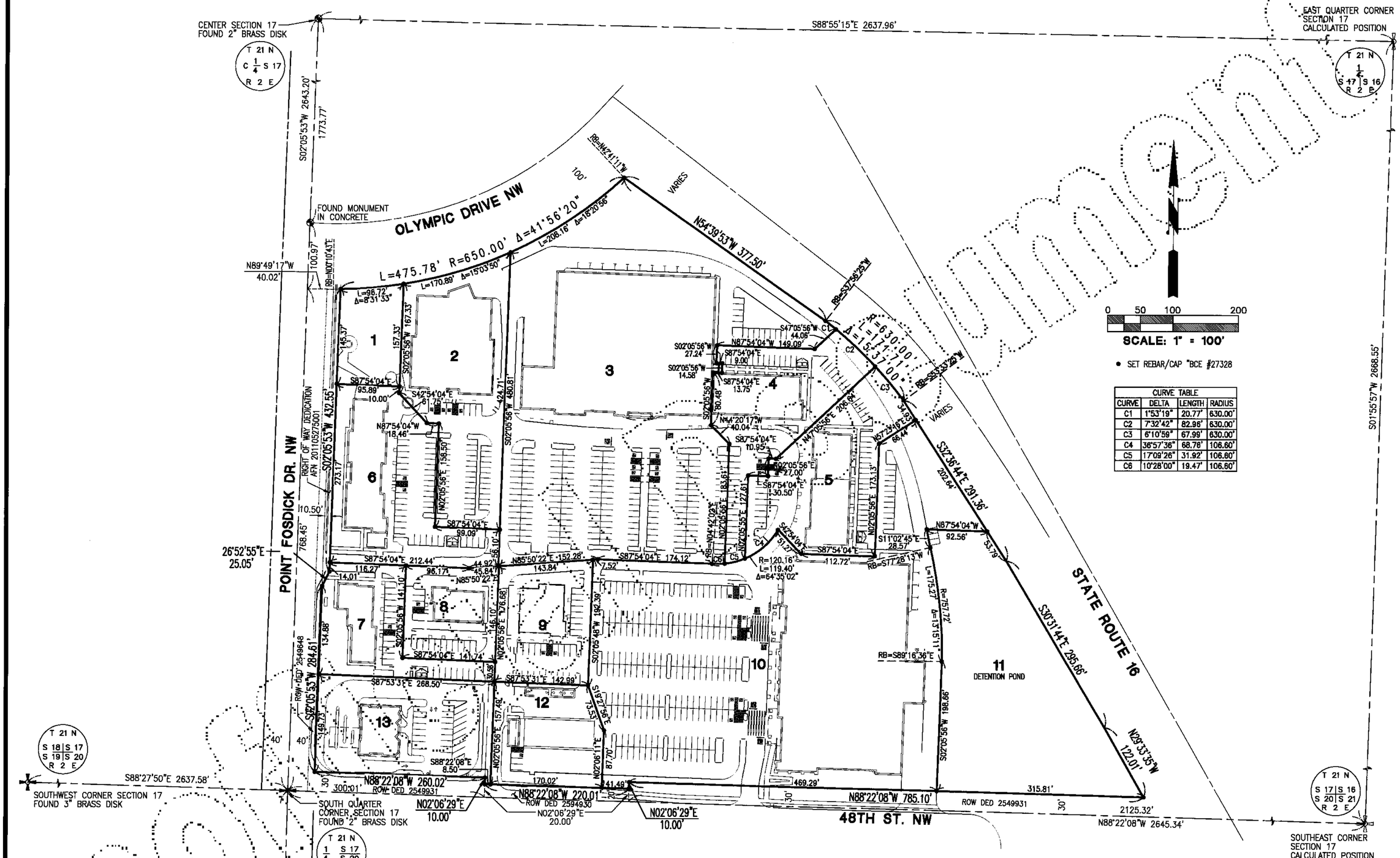
For reference only not for re-sale

ORIGINAL

File:N:\14000s\14280\survey\plats\14280sht03-2sdcmsecondamd.dwg Date/Time:12/21/2012 11:23 AM Scale:1:1 KANDERSEN Xref: ——

201302155002

POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT



CURVE TABLE			
CURVE	DELTA	LENGTH	RADIUS
C1	1°53'19"	20.77'	630.00'
C2	7°32'42"	82.96'	630.00'
C3	6°10'59"	67.99'	630.00'
C4	36°57'36"	68.78'	106.60'
C5	17°09'26"	31.92'	106.60'
C6	10°28'00"	19.47'	106.60'

NOTE:
THIS BINDING SITE PLAN DOES NOT PURPORT TO GRAPHICALLY DEPICT ANY EASEMENTS OF RECORD.

SURVEY CONTROL & SITE LAYOUT

DENNIS J. SHUTY
STATE OF WASHINGTON
PROFESSIONAL LAND SURVEYOR
REGISTERED
SIGNED 5/7/12

BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251-6222
(425)251-8782 FAX
CIVIL ENGINEERING, LAND PLANNING,
SURVEYING, ENVIRONMENTAL SERVICES

DRAWN BY:	KMA
DATE:	04/20/12
SCALE:	1" = 100'
CHECKED BY:	DJS
JOB NO.:	14282

POINT FOSDICK SQUARE
GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT

INDEX DATA

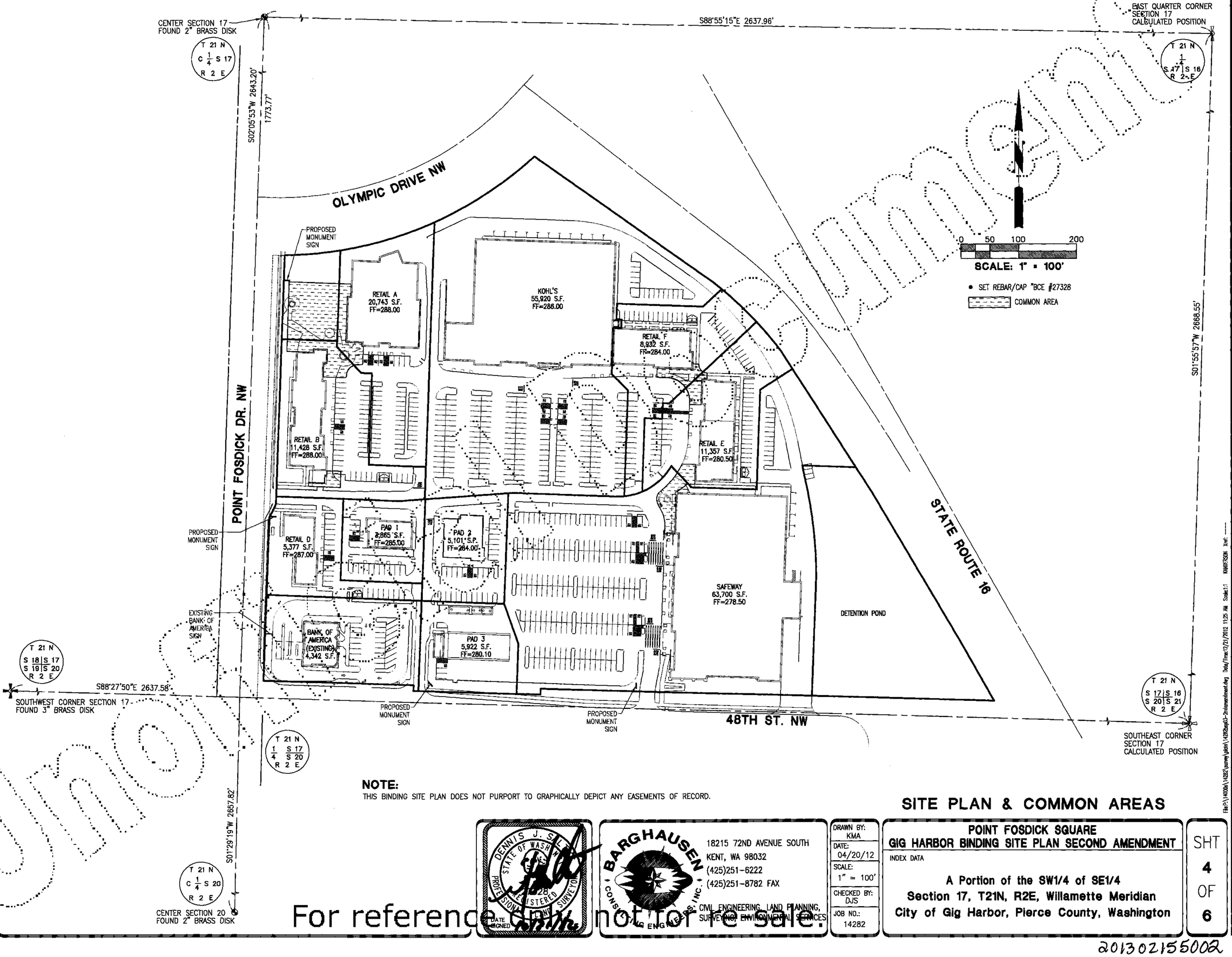
A Portion of the SW1/4 of SE1/4
Section 17, T21N, R2E, Willamette Meridian
City of Gig Harbor, Pierce County, Washington

SHT 3 OF 6

UNOFFICIAL DOCUMENT
For reference only, not for sale
ORIGINAL

201302155002

POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT



NOTE:
THIS BINDING SITE PLAN DOES NOT PURPORT TO GRAPHICALLY DEPICT ANY EASEMENTS OF RECORD.

SITE PLAN & COMMON AREAS

DENNIS J. SELLERS
STATE OF WASHINGTON
22828
REGISTERED
PROFESSIONAL LAND SURVEYOR
DATE SIGNED

BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251-6222
(425)251-8782 FAX
CIVIL ENGINEERING, LAND PLANNING,
SURVEYING, ENVIRONMENTAL SERVICES

DRAWN BY:	KMA
DATE:	04/20/12
SCALE:	1" = 100'
CHECKED BY:	DJS
JOB NO.:	14282

POINT FOSDICK SQUARE
GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT

INDEX DATA

A Portion of the SW1/4 of SE1/4
Section 17, T21N, R2E, Willamette Meridian
City of Gig Harbor, Pierce County, Washington

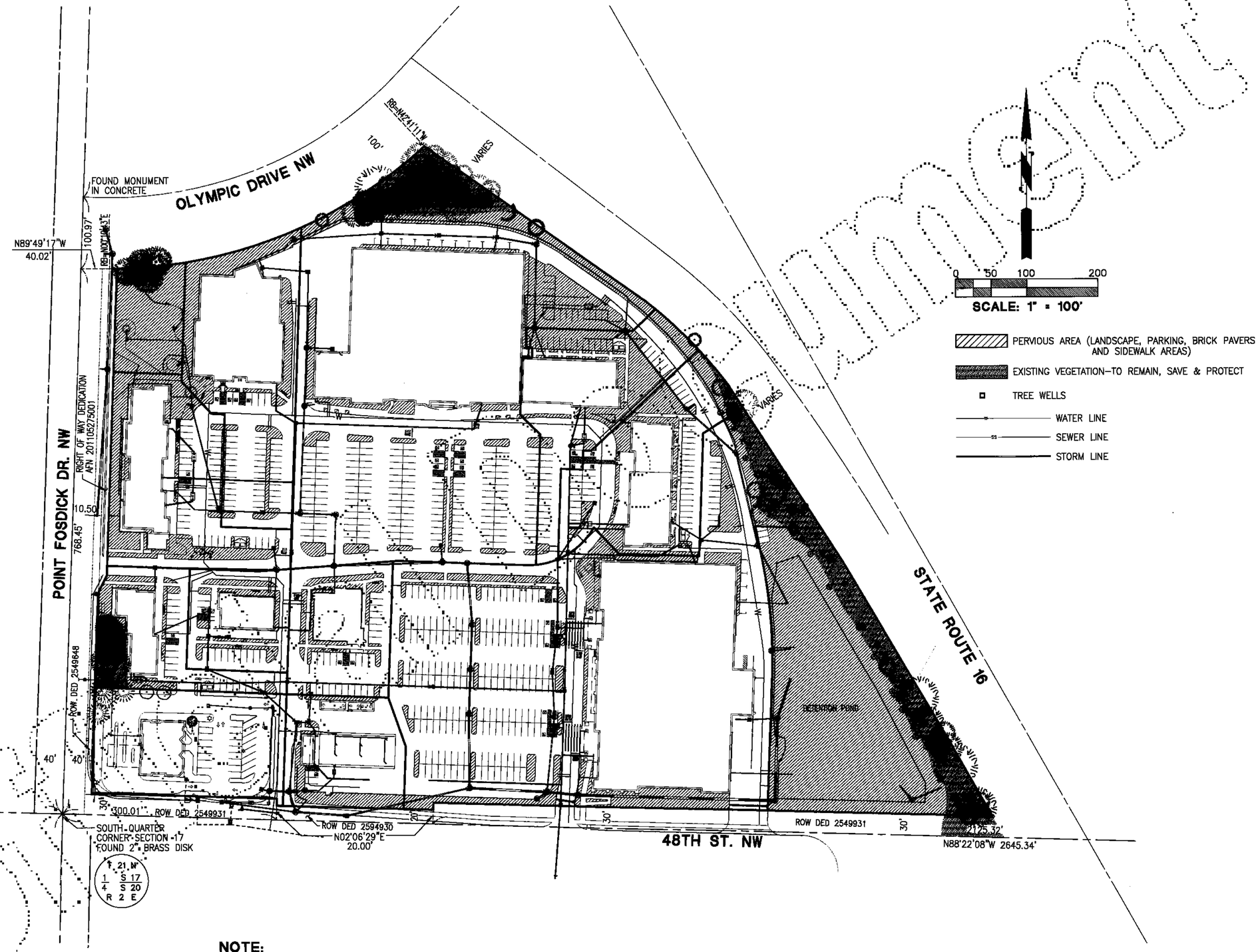
SHT 4 OF 6

Sample
For reference only, not for re sale.

File:\\14000s\14282\survey\plats\14282dwg02-2ndamendment.dwg Date/Time:12/21/2012 11:25 AM Scale:1:1 KAMERSON Xref: ——

201302155002

POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT



NOTE:
THIS BINDING SITE PLAN DOES NOT PURPORT TO GRAPHICALLY DEPICT ANY EASEMENTS OF RECORD.

UTILITY PLAN & PERVIOUS SURFACES

DENNIS J. KAL
STATE OF WASHINGTON
5328
REGISTERED
PROFESSIONAL LAND SURVEYOR
DATE SIGNED 12/21/12

BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251–6222
(425)251–8782 FAX
CIVIL ENGINEERING, LAND PLANNING, SURVEYING, ENVIRONMENTAL SERVICES

DRAWN BY:	KMA
DATE:	04/20/12
SCALE:	1" = 100'
CHECKED BY:	DJS
JOB NO.:	14282

POINT FOSDICK SQUARE
GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT

INDEX DATA

A Portion of the SW1/4 of SE1/4
Section 17, T21N, R2E, Willamette Meridian
City of Gig Harbor, Pierce County, Washington

SHT 5 OF 6

UNOFFICIAL DOCUMENT
ORIGINAL
For reference only, not for re-sale.

File:P:\14000s\14282\survey\plats\14282ap02-2ndamendment.dwg Date/Time:12/21/2012 11:25 AM Scale:1:1 KNUDSON Xref: ——

20130215002

POINT FOSDICK SQUARE – GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT

HEARING EXAMINER APPROVAL (PL-SPR 09-0003, PL-CUP 09-0004, PL-ALP 11-0001, PL-DRB 09-0016, & PL-SEPA 09-0027):

1. THE APPLICANT SHALL COMPLY WITH THE MITIGATION INCLUDED IN THE MDNS ISSUED FOR THE DEVELOPMENT OF THIS SITE (SEPA 09-0027) UNLESS A REVISED SEPA DECISION IS ISSUED FOR THE PROJECT.

2. THE APPLICANT SHALL COMPLY WITH THE CONDITIONS OF APPROVAL INCLUDED IN THE ADMINISTRATIVE DESIGN REVIEW DECISION ISSUED FOR THE DEVELOPMENT OF THIS SITE (EXHIBIT 8) UNLESS A REVISED DESIGN REVIEW DECISION IS ISSUED FOR THE PROJECT.

3. THE BINDING SITE PLAN SHALL BE APPROVED AND RECORDED WITH THE PIERCE COUNTY AUDITOR PRIOR TO ISSUANCE OF BUILDING PERMITS FOR ANY BUILDING IN THE SITE PLAN. ALTERNATIVELY, THE APPLICANT MAY CONSOLIDATE ALL PROPERTIES INCLUDED IN THE SITE PLAN INTO A SINGLE PARCEL THROUGH A BOUNDARY LINE ADJUSTMENT PRIOR TO ISSUANCE OF BUILDING PERMITS FOR ANY BUILDING IN THE SITE PLAN.

4. PRIOR TO APPROVAL OF THE CIVIL PLANS, THE APPLICANT SHALL DOCUMENT THAT THE PROPOSED SUBGRADE UNDER THE PERVIOUS CONCRETE/PAVERS ALLOWS THE PERVIOUS PAVING TO MEET THE DEFINITION OF POROUS PAVING FOUND IN GHMC 17.04.675.

5. THE APPLICANT SHALL PROVIDE ADDITIONAL INFORMATION AS TO THE LOCATION AND SIZE OF MECHANICAL UNITS AT THE TIME OF MECHANICAL PERMIT REVIEW THAT DEMONSTRATES COMPLIANCE WITH SCREENING REQUIREMENTS.

6. PARKING ON THE SITE SHALL BE SHARED. THE APPLICANT SHALL PROVIDE AN UPDATED PARKING ANALYSIS FOR THE CITY'S FILES PRIOR TO APPROVAL OF THE BINDING SITE PLAN DOCUMENTING ALL USES OCCURRING (OR ANTICIPATED TO OCCUR) ON THE SITE. THE PARKING ANALYSIS SHALL BE UPDATED BY THE APPLICANT TO REFLECT THE ACTUAL USE OF EACH BUILDING OR TENANT SPACE AND REQUIRED PARKING FOR THAT USE PRIOR TO APPROVAL OF ANY BUILDING PERMIT OTHER THAN A SHELL-ONLY PERMIT.

7. ALL RECOMMENDATIONS MADE BY THE PROJECT ARBORIST AS OUTLINED IN THE ARBORIST REPORT (EXHIBIT 23) OR AS AMENDED IN THE FUTURE, SHALL BE CARRIED OUT DURING CONSTRUCTION.

8. THE APPLICANT SHALL SUBMIT A DETAILED CONSTRUCTION SEQUENCING AND INFRASTRUCTURE PHASING PLAN FOR CITY REVIEW AND APPROVAL PRIOR TO THE CITY GRANTING APPROVAL OF THE SITE CIVIL ENGINEERED DRAWINGS.

9. THE REFERENCED PRELIMINARY ENGINEERED PLANS SHOW VARIOUS IMPROVEMENTS THAT ARE PROPOSED WITHIN CITY RIGHT-OF-WAY AND OTHER OFF-SITE PRIVATELY-OWNED PROPERTY. THE IMPROVEMENTS PROPOSED ON 48TH STREET HAVE BEEN PRELIMINARILY APPROVED; HOWEVER, OTHER OFF-SITE IMPROVEMENTS REQUIRE SEPARATE PERMITS AND PRELIMINARY APPROVAL OF THE REFERENCED PLANS DOES NOT CONSTITUTE ENGINEERING APPROVAL OF THE OFF-SITE IMPROVEMENTS.

10. PLEASE NOTE, THE PRELIMINARY PLANS SHOW PROPOSED GRADING AND LANDSCAPE IMPROVEMENTS WITHIN CITY RIGHT-OF-WAY. THE CITY MAINTAINS THE RIGHT TO REMOVE ANY IMPROVEMENTS LOCATED WITHIN THE RIGHT-OF-WAY IF NECESSARY TO IMPLEMENT FUTURE CITY IMPROVEMENTS.

11. CITY FORCES MAY REMOVE ANY TRAFFIC CONTROL DEVICE CONSTRUCTED WITHIN THE CITY RIGHT OF WAY NOT APPROVED BY THIS DIVISION. ANY LIABILITY INCURRED BY THE CITY DUE TO NON-CONFORMANCE BY THE APPLICANT SHALL BE TRANSFERRED TO THE APPLICANT.

12. A ROAD ENCROACHMENT PERMIT SHALL BE ACQUIRED FROM THE CITY PRIOR TO ANY CONSTRUCTION WITHIN CITY RIGHT OF WAY, INCLUDING UTILITY WORK, IMPROVEMENTS TO THE CURB, GUTTER, AND SIDEWALK, ROADWAY SHOULDERS AND DITCHES, AND INSTALLATION OF CULVERTS. ALL WORK WITHIN THE CITY RIGHT OF WAY SHALL CONFORM TO THE CITY'S PUBLIC WORKS STANDARDS AND STORMWATER DESIGN MANUAL.

13. PERMANENT SURVEY CONTROL MONUMENTS SHALL BE PLACED TO ESTABLISH PUBLIC STREET CENTERLINES, INTERSECTIONS, ANGLE POINTS, CURVES, SUBDIVISION BOUNDARIES AND OTHER POINTS OF CONTROL. A MINIMUM OF TWO PERMANENT SURVEY CONTROL MONUMENTS SHALL BE INSTALLED AT LOCATIONS DETERMINED BY THE CITY IN ACCORDANCE WITH THE CITY'S PUBLIC WORKS STANDARDS AND RECORDED WITH THE PIERCE COUNTY SURVEY CONTROL DIVISION PRIOR TO FINAL ENGINEERING APPROVAL OF CIVIL IMPROVEMENTS.

14. IRRIGATION AND MAINTENANCE OF LANDSCAPING WITHIN THE PUBLIC RIGHT OF WAY SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER(S) OR ITS HEIRS OR ASSIGNS.

15. THE SITE PLAN SHALL NOTE (WHERE QUOTED) OR DELINEATE THE FOLLOWING:

A. "WARNING: CITY OF GIG HARBOR HAS NO RESPONSIBILITY TO BUILD, IMPROVE, MAINTAIN OR OTHERWISE SERVICE PRIVATE ROADWAYS OR DRIVEWAYS WITHIN, OR PROVIDING ACCESS TO, PROPERTY DESCRIBED ON THIS SITE PLAN."

B. "MAINTAINING ADEQUATE SITE DISTANCE AT ALL VEHICULAR ACCESS POINTS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER. THE CITY OF GIG HARBOR HAS NO RESPONSIBILITY TO MAINTAIN ADEQUATE SITE DISTANCE AT PRIVATE ACCESS POINTS LOCATED WITHIN THIS SITE."

C. "INCREASED STORMWATER RUNOFF FROM THE ROAD(S), BUILDING, DRIVEWAY AND PARKING AREAS SHALL NOT BE DIRECTED TO CITY INFRASTRUCTURE. INCREASED STORM WATER RUNOFF SHALL BE RETAINED/DETAINED ON SITE UNLESS IT IS PROVEN TO BE ADEQUATELY RETAINED/DETAINED BY AN OFFSITE REGIONAL FACILITY."

D. "WHERE SEASONAL DRAINAGE CROSSES SUBJECT PROPERTY, NO DISRUPTION OF THE NATURAL FLOW SHALL BE PERMITTED."

E. STORMWATER FOR RUNOFF FROM BUILDINGS AND PARKING SURFACES SHALL BE SHOWN ON INDIVIDUAL BUILDING LOTS, INCLUDING DRYWELL SIZING OR STORM DRAIN CONNECTION POINTS.

F. IF PRIVATE ROADWAYS ARE PROPOSED, THEN PROVISIONS SHALL BE MADE FOR THE ROADS AND EASEMENTS TO BE OPEN AT ALL TIMES FOR EMERGENCY AND PUBLIC SERVICE VEHICLE USE.

G. "THIS SITE PLAN IS SUBJECT TO STORMWATER MAINTENANCE AGREEMENT RECORDED UNDER AUDITOR'S FILE NUMBER (ENTER AFN HERE)."

H. "STORMWATER/DRAINAGE EASEMENTS ARE HEREBY GRANTED FOR THE INSTALLATION, INSPECTION, AND MAINTENANCE OF UTILITIES AND DRAINAGE FACILITIES AS DELINEATED ON THIS SITE PLAN. NO ENCROACHMENT WILL BE PLACED WITHIN THE EASEMENTS SHOWN ON THE PLAT THAT MAY DAMAGE OR INTERFERE WITH THE INSTALLATION, INSPECTION, AND MAINTENANCE OF UTILITIES. MAINTENANCE AND EXPENSE THEREOF OF THE UTILITIES AND DRAINAGE FACILITIES SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER(S) OR IT'S HEIRS OR ASSIGNS, AS NOTED UNDER THE STORMWATER MAINTENANCE AGREEMENT FOR THE SITE."

AMENDMENT #1: CASE #S (PL-SPA-11-0006 AND PL-DRB-11-0054)

NOTE: ALL CONDITIONS ASSOCIATED WITH THIS APPROVAL WERE REMOVED BY SUBSEQUENT SITE PLAN APPROVAL AMENDMENT #2 SITE PLAN #3

~~DESIGN REVIEW CONDITIONS PL-DRB-11-0054~~
~~1. THE FOLLOWING MODIFICATIONS SHALL BE MADE TO BUILDING B PRIOR TO APPROVAL OF THE BUILDING PERMIT FOR BUILDING B:~~
~~A. MASONRY (INSTEAD OF PROPOSED METAL PANELS) SHALL BE UTILIZED ABOVE THE WINDOWS OCCURRING AT TENANT SPACE 200 ON BOTH THE EAST AND WEST ELEVATIONS; AND~~
~~B. THE END OF THE CORNICE ON THE PARAPET WALL RETURN LOCATED OVER TENANT SPACES 400 AND 300 SHALL BE MITERED.~~

~~SITE PLAN CONDITIONS PL-SPA-11-0006~~
~~2. THE APPLICANT SHALL CLARIFY THE IMPERVIOUS SURFACE CALCULATION AND DEMONSTRATE COMPLIANCE WITH THE 70% MAXIMUM THRESHOLD FOR THE B-2 DISTRICT PRIOR TO APPROVAL OF THE CIVIL PLANS.~~
~~3. AN AMENDED BINDING SITE PLAN SHALL BE RECORDED FOR THE SITE TO DOCUMENT THE REVISIONS MADE IN THIS APPLICATION. THE AMENDED BSP SHALL BE APPROVED AND RECORDED PRIOR TO THE CERTIFICATE OF OCCUPANCY BEING ISSUED FOR ANY OF THE BUILDINGS REVISED IN THIS APPLICATION (KOHL'S, BUILDING B, OR BUILDING C).~~

AMENDMENT #2 (PL-SPR-11-0006, PL-DRB-11-0054, PL-ALP-12-0002, AND PL-SEPA-11-0061)

DESIGN REVIEW CONDITIONS
1. FUEL STATION ARCHITECTURE AND SITE CONDITIONS:
A. ON THE WEST ELEVATION: INCORPORATE ONE CONTINUOUS CANOPY OVER THE DOORWAY AND TWO WINDOWS. WINDOWS SHOULD END AT INTERIOR RESTROOM WALL, AND WINDOW INTO STAFF AREA MAY BE OMITTED; AND
B. INCORPORATE PATTERN/TEXTURE INTO THE PAVED AREAS LOCATED IMMEDIATELY ADJACENT TO MAIN ENTRANCE TO KIOSK (EAST ELEVATION) AND CONNECTING TO THE SERVICE ENTRANCE ON THE SOUTH ELEVATION. DRB ACKNOWLEDGED ADA LIMITATIONS DUE TO USE OF THIS AREA FOR REQUIRED ACCESS AISLE, HOWEVER THE EXPECTATION WAS THAT AN ETCHED PATTERN COULD BE ACHIEVED TO VISUALLY DIFFERENTIATE THIS PEDESTRIAN AREA; AND
C. INCORPORATE TRANSLUCENT GLAZING AT THE SERVICE ENTRANCE ON THE SOUTH ELEVATION.
2. FUEL STATION CANOPY LIGHTING CONDITIONS:
A. THE UNDERSIDE OF THE CANOPY BE AS FREE OF OBSTRUCTIONS AS POSSIBLE,
B. THE UNDERSIDE OF THE CANOPY BE RECESSED AS FAR UP AS POSSIBLE GIVEN THE STRUCTURAL DESIGN; AND
C. THE UNDERSIDE OF THE FASCIA RETURN BE AS DEEP AS POSSIBLE.
3. RETAIL A MATERIAL CHANGE CONDITIONS:
A. THE WINDOW BAYS LOCATED ON EITHER SIDE OF THE TOWER ELEMENT (SOUTH ELEVATION) AND THE NORTHERNMOST WINDOW BAY ON THE WEST ELEVATION SHALL HAVE THE FACE BRICK INCORPORATED OVER THE WINDOWS IN LIEU OF THE METAL PANELS.

SITE PLAN CONDITIONS
1. THE APPLICANT SHALL RELOCATE TWO OF THE FIVE CART RETURNS LOCATED WITHIN THE SAFEWAY PARKING AREA TO THE APPROVED HATCHED LOCATIONS. CART RETURNS WHEN LOCATED WITHIN A PARKING STALL SHALL BE DOCUMENTED ON THE SITE'S PARKING WORKSHEET. STALLS UTILIZED FOR CART RETURNS CANNOT BE COUNTED TOWARDS MEETING OFF-STREET PARKING REQUIREMENTS IDENTIFIED IN GHMC 17.72.
2. AN AMENDED BINDING SITE PLAN SHALL BE RECORDED FOR THE SITE TO DOCUMENT THE REVISIONS MADE IN THIS APPLICATION. THE AMENDED BSP SHALL BE APPROVED AND RECORDED PRIOR TO THE CERTIFICATE OF OCCUPANCY BEING ISSUED FOR ANY OF THE BUILDINGS REVISED IN THIS APPLICATION (RETAIL A, PAD 1, AND FUEL STATION).
3. THIS SITE PLAN APPROVAL REMOVES CONDITIONS OF APPROVAL ASSOCIATED WITH SPA-11-0006 WHICH HAVE BEEN MET AT THE TIME OF THIS DECISION. ALL CONDITIONS ASSOCIATED WITH THE INITIAL APPROVAL OF THE PROJECT REMAIN UNCHANGED.

AMENDMENT #3 (PL-SPA-12-0010 AND PL-DRB-12-0107)

NOTE: DUE TO THE FORMAT OF THIS APPROVAL, THE CONDITIONS HAVE BEEN REWORDED TO DOCUMENT THE LOCATION OF THE CONDITION. CONDITIONS OF APPROVAL IN THEIR ORIGINAL FORMAT ARE ON FILE WITH THE CITY OF GIG HARBOR, FILE #PL-SPA-12-0010.

1. DRIVE AISLE LOCATED EAST OF KOHL'S AND RUNNING NORTH/SOUTH SHALL BE LIMITED TO ONE WAY TRAFFIC ONLY DUE TO WIDTH. SIGNS AND/OR PAVEMENT MARKINGS SHALL BE INSTALLED IN THIS AREA INDICATING ONE WAY AND THE ALLOWED DIRECTION OF TRAVEL.

2. HEIGHT OF WALL INDICATED IN DETAIL #2 ON SHEET 3.2.3 TO BE APPROXIMATELY 20 TO 24 INCHES.

3. ACCESSIBLE PARKING STALLS ADJACENT TO APPLEBEE'S MAIN ENTRANCE SHALL BE LOCATED PER SHEET 1.2 AND NOT AS DEPICTED ON SHEET AS 101.

4. TRASH ENCLOSURE DOORS ON APPLEBEE'S ARE SUBJECT TO THE REVISIONS DOCUMENTED IN THE EMAIL FROM THE APPLICANT DATED 9/5/12. APPLICANT SHALL SUBMIT PLANS DETAILING THE PROPOSED DOORS FOR CITY APPROVAL PRIOR TO CONSTRUCTION. DOORS SHALL COORDINATE WITH OTHER TRASH ENCLOSURE DOORS LOCATED ON THE SITE.

5. CANOPIES ON APPLEBEE'S SHALL BE GARGOYLE IN COLOR TO MATCH THOSE ALREADY INSTALLED ON THE SITE.

6. THE LANDSCAPE AREA NORTH OF APPLEBEE'S IS SUBJECT TO THE REVISIONS DOCUMENTED IN THE EMAIL FROM THE APPLICANT DATED 9/5/12. APPLICANT SHALL PROVIDE PLANS DOCUMENTING THE LANDSCAPE AND TRASH ENCLOSURE DOORS PRIOR TO CONSTRUCTION.

AMENDMENT #4 (PL-SPR-12-0007 AND PL-DRB-12-0132)

1. FUTURE MEZZANINE AREAS SHALL BE REVIEWED AT THE TIME OF TENANT IMPROVEMENT TO ASSURE THAT THE GROSS FLOOR AREA OF THE AFFECTED BUILDING DOES NOT EXCEED 65,000 SQUARE FEET. RETAIL F, KOHL'S AND THE RELATED FIRE PUMP ROOM ARE CALCULATED AS ONE BUILDING FOR THE PURPOSES OF GFA AS 20 FEET OF SEPARATION IS NOT PROVIDED BETWEEN THESE STRUCTURES.
2. ALL CONDITIONS ASSOCIATED WITH THE INITIAL APPROVAL AND PRIOR AMENDMENTS OF THE PROJECT REMAIN UNCHANGED.
3. AN AMENDED BINDING SITE PLAN SHALL BE RECORDED FOR THE SITE TO DOCUMENT THE REVISIONS MADE IN THIS APPLICATION.

MINOR AMENDMENTS SITE OR DESIGN APPROVALS MAY OCCUR OVER TIME, AND ANY SUCH AMENDMENTS ARE ON FILE AT THE CITY OFFICES.

ORIGINAL

For reference only not for re-sale

DENNIS J. BARGHAUSEN STATE OF WASHINGTON 17328 REGISTERED PROFESSIONAL LAND SURVEYOR DATE SIGNED

BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251-6222
(425)251-8782 FAX
CIVIL ENGINEERING, LAND PLANNING, SURVEYING, ENVIRONMENTAL SERVICES

DRAWN BY:	KMA
DATE:	04/20/12
SCALE:	N/A
CHECKED BY:	DJS
JOB NO.:	14282

POINT FOSDICK SQUARE
GIG HARBOR BINDING SITE PLAN SECOND AMENDMENT
INDEX DATA
A Portion of the SW1/4 of SE1/4
Section 17, T21N, R2E, Willamette Meridian
City of Gig Harbor, Pierce County, Washington

SHT 6 OF 6

File:\\14000s\14282\survey\plots\14282bsp02-2ndamendment.dwg Date/Time:12/21/2012 1:03 PM Scale:1:1 KDAVIDSON Xref: ------

20130215002

CITY OF GIG HARBOR

NOTICE OF APPLICATION
September 30, 2021

CHIPOTLE MEXICAN GRILL
Type III Permit

Permit Number(s): PL-CUP-21-0003, PL-DR-21-0186, PL-SPA-21-0012

Date Application was Submitted: August 17, 2021

Date of Notice of Complete Application: September 22, 2021

Name of Applicant: Kate Kegg, 200 Baker Street E, Costa Mesa, CA 92626.

Name of Agent: FHA Architects, Ben Wilson, 14344 Y. Street, Omaha, NE 68137

Project Location: 4823 Point Fosdick Dr., site is located on the east side of Point Fosdick Dr., Lot 8, within the Point Fosdick Square Shopping Center.. Sec 17, Tw 21, R 02 Qtr 43. Parcel No. 4003030080

Description of Proposed Project: The applicant is proposing a tenant improvement to develop a fast-casual Mexican restaurant with a pick-up lane at the former Opus Bank location. The tenant improvement will include all required utility infrastructure and will also include a revitalization of the exterior of the existing structure. The existing drive-aisle will be redesigned to accommodate a pick-up order window.

Project Permits Included with Application: Conditional Use Permit, Minor Site Plan Review, Design Review.

Further Studies Being Required by Applicable Official: None at this time.

Other Required Permits Not Included in Application: Building Permits.

Existing Environmental Documents which Evaluate Proposed Project:
Trip Generation Report, prepared by TENW, dated July 2, 2021; Sewer Hydraulic Report, prepared by National Engineering, dated July 30, 2021

Tentative Public Meeting or Public Hearing Date: A hearing date has not been scheduled for this application.

Documents pertinent to this application are available for review and inspection at the City of Gig Harbor Planning Division, 3510 Grandview Street, Gig Harbor, WA 98335, during normal business hours, Monday through Friday. An open record public hearing will be held on this project, at this time the hearing has not been scheduled. A copy of the staff report on this project proposal will be available seven days prior to the public hearing.

Interested persons may comment on the above stated application or may request any notice of public hearing or a copy of the decision on this application or participate in any public hearings. Requests for notification or written comments must be submitted to the Planning Division by no later than October 14,2021. All public comments or requests must be received at the Planning Division by no later than 5:00pm on the last date of the comment period.

Questions regarding the above stated application should be made to Kim Mahoney, Senior Planner KMahoney@gigharborwa.gov, City of Gig Harbor Planning Division, 3510 Grandview St., Gig Harbor, WA 98335, or by calling 851-6170. Additional permit information can also be found at www.cityofgigharbor.net by clicking “Permit Portal” and entering the above permit numbers.

From:	Ramona Vidales
To:	Cindy Andrews
Cc:	Derek R. Murray; Alexander Carrasco; Nathan Melia; Ben Wilson
Subject:	RE: Chipotle, Point Fosdick Square BSP | Gig Harbor, WA
Date:	Tuesday, January 4, 2022 12:25:44 PM

Cindy, I received an automated message from Kimberly that she is not longer with the City. Can you please let me know the correct person I need to send this email to if not yourself. Thank you.

Ramona Vidales
Project Administration Manager – Construction
Donahue Schriber Realty Group
200 E. Baker Street, Suite 100
Costa Mesa, CA 92626
D: +1 (714) 966-3206
F: +1 (714) 966-7906
rvidales@dsrg.com
www.donahueschriber.com

From: Ramona Vidales
Sent: Tuesday, January 4, 2022 12:03 PM
To: Kimberly Mahoney <KMahoney@gigharborwa.gov>
Cc: Ben Wilson <bwilson@fhaarchitects.com>; Cindy Andrews <candrews@gigharborwa.gov>; Ramona Vidales <rvidales@dsrg.com>; Derek R. Murray <derek.murray@dsrg.com>; Alexander Carrasco <acarrasco@dsrg.com>; Nathan Melia <nmelia@dsrg.com>
Subject: RE: Chipotle, Point Fosdick Square BSP | Gig Harbor, WA

Good afternoon Kimberly, I spoke with our team and we understand the change in parking as you stated below. I appreciate the City's added efforts of making us aware of this issue. Please let me know if you need anything further from me. Happy New Year.

From: Kimberly Mahoney <KMahoney@gigharborwa.gov>
Sent: Friday, December 10, 2021 2:13 PM
To: Ramona Vidales <rvidales@dsrg.com>
Cc: Ben Wilson <bwilson@fhaarchitects.com>; Cindy Andrews <candrews@gigharborwa.gov>
Subject: Chipotle, Point Fosdick Square BSP | Gig Harbor, WA

Good afternoon,

As the landlord and property owner representative of the Point Fosdick Square Binding Site Plan (BSP) in Gig Harbor, WA, I am contacting you to ensure your awareness of a change in the parking availability at this BSP as a result of Chipotle's planned tenant improvement. The change in use of this site from a financial institute to a restaurant amends the manner in which required parking for the site is calculated. In the case of restaurants, parking requirements are based on the total number of seats proposed to serve the restaurant. Chipotle has proposed a restaurant with 74 seats and has

proposed to assign 4 staff members to its drive-thru, resulting in a total of 27 parking stalls necessary to serve the site's use. Previously, Opus Bank required 13 parking stalls to serve its use.

The result of this tenant change is that the available parking in the BSP will be maxed out with an approved decision of the Chipotle project. No other restaurants in the BSP may increase their seating (indoor and outdoor), no other retail or medical office will be allowed to expand the gross floor area of their structure (including mezzanines), and no other change may occur which would otherwise require additional parking, lest additional parking be created and recorded through an amended BSP.

I understand that you have assigned Ben Wilson as an agent on your behalf; however, considering the impact that this proposal has holistically on the BSP and each of its tenants, please reply to this email with your acknowledgement of the facts described in this email and that the project may continue as proposed.

Note: the applicant's parking calculation (attached) is not accepted and is not considered a final representation until its permitting has been approved; the represented parking may still amend as staff continues through its iterative review process.

Best regards,

Kim Mahoney, Senior Planner
Planning Division, Community Development Department
City of Gig Harbor
3510 Grandview St., Gig Harbor, Washington 98335
P: 253.853.7615
www.cityofgigharbor.net

GIG HARBOR

"THE MARITIME CITY"

COMMUNITY DEVELOPMENT
PLANNING DIVISION

CITY OF GIG HARBOR

NOTICE OF PUBLIC HEARING

CHIPOTLE MEXICAN GRILL
Type III Permit

Permit Number(s):	PL-CUP-21-0003, PL-DR-21-0186, PL-SPA-21-0012
Date of Notice:	February 15, 2022
Applicant:	Kate Kegg, 200 Baker Street E, Costa Mesa, CA 92626
Agent:	FHA Architects, Ben Wilson, 14344 Y. Street, Omaha, NE 68137
Project Location:	4823 Point Fosdick Dr., site is located on the east side of Point Fosdick Dr., Lot 8, within the Point Fosdick Square Shopping Center.. Sec 17, Tw 21, R 02 Qtr 43. Parcel No. 4003030080
Project Description:	The applicant is proposing a tenant improvement to develop a fast-casual Mexican restaurant with a pick-up lane at the former Opus Bank location. The tenant improvement will include all required utility infrastructure and will also include a revitalization of the exterior of the existing structure. The existing drive-aisle will be redesigned to accommodate a pick-up order window.
SEPA Threshold Determination:	Exempt
PUBLIC HEARING DATE:	Hearing Examiner, **March 1, 2022**, at 1:30 pm, Virtual Hearing

Interested persons are invited to attend the public hearing and provide testimony on this proposal. The hearing will be conducted in the manner prescribed by Gig Harbor Municipal Code Chapter 19.05.

Documents pertinent to this application are available for review and inspection at the City of Gig Harbor Planning Division, 3510 Grandview Street, Gig Harbor, WA 98335, during normal business hours, Monday through Friday or on the City's Permit Portal. A copy of the staff report on this proposal will be available at least seven days prior to the hearing. A copy of the application, all documents and evidence relied upon by the applicant, and applicable criteria are available for inspection at no cost; copies will be provided at the requestor's cost.

Interested persons may comment on the above stated application or may request a copy of the decision on this application. **Requests for notification, written comments, including any written comments addressing the findings required for a decision, must be submitted to the Planning Division no later than 5:00 PM on February 28, 2022.**

Questions regarding the above stated application should be made to Jeremy Hammar, Associate Planner, City of Gig Harbor Community Development Department, 3510 Grandview Street, Gig Harbor, WA 98335, or by calling (253)851-6170. Additional permit information can also be found at www.cityofgigharbor.net by clicking "Permit Portal" and entering the above permit numbers "My Portal".