



AGENDA

City of Gig Harbor Hearing Examiner Virtual Hearing of Tuesday, June 16, 2026 at 1:30 PM

This hearing 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 Hearing ID: 896 8732 8917

If you wish to submit a written public comment, please provide your comments to the Planning Division by **Monday, June 15, 2026, by 4:30 pm.** All written comments to be included in the record shall have the title: **FOR PUBLIC COMMENT** included. Send comments to: PlanningComments@gigharborwa.gov.

Please see the Public Comment & Decorum section at the end of this agenda for information on options to make public comment.

I. Open Public Hearing

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

DA Hogan and Associates: **GIG HARBOR HIGH SCHOOL FIELD AND TRACK RENOVATION**, PL-SPR-26-0001. The proposal is to modernize the existing high school track and field for Gig Harbor High school at 5101 Rosedale Street to improve safety, accessibility, and usability for students and the community. Planned upgrades include converting the natural grass field to a synthetic turf system, resurfacing and restriping the existing running track, and new perimeter pavement. The project will also add new aluminum bleachers with ADA-compliant seating, upgraded field lighting, a new scoreboard, and a lighted flagpole. Perimeter fencing will enhance security and crowd control. The proposed improvements will create a durable, accessible, and high-quality athletic venue for year-round use.

The applicant has received site plan review approval for many of the proposed

upgrades; however, per Gig Harbor Municipal Code (GHMC) section 17.67 the installation of flood lights for the athletic fields requires a performance-based height exception to be reviewed as a type III application.

The project has received site plan approval. The site plan review was separated from the performance-based height exception request in order to better accommodate the applicant's construction timeline. Separate from this request, the applicant is also seeking design review approval for a fence above 6' from the Design Review Board.

III. Adjournment

PUBLIC COMMENT & DECORUM

The city desires to allow a maximum opportunity for public comment. However, the business of the Hearing Examiner must proceed in an orderly, timely manner.

Public comment may be made remotely via Zoom or by phone during designated portions of the meeting. To speak during the meeting via Zoom, press the Raise Hand button near the bottom of your Zoom window or press *9 on your phone. Please refrain from raising your hand until the Hearing Examiner has announced that the public comment portion of the hearing has been opened. Your name or the last three 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. Speakers will be allotted 3 minutes per individual. Comments shall be made, first giving the speaker's name and address. Anyone making "out of order" comments may be subject to removal from the meeting. Written comments may be submitted to the Hearing Examiner by email at PlanningComments@gigharborwa.gov.

All speakers shall be courteous in their language and deportment and shall not engage in or discuss or comment on personalities or indulge in derogatory remarks or insinuations with regard to the Hearing Examiner, or any member of the staff or the public.

There will be no demonstrations during or at the conclusion of any public comment. These guidelines are intended to promote an orderly system of holding public hearings to give every person an opportunity to be heard and to ensure that no individuals are embarrassed by voicing their opinions.

AMERICANS WITH DISABILITIES (ADA) ACCOMMODATIONS

ADA accommodations can be provided upon request. Those requiring special accommodations should contact the city clerk at cityclerk@gigharborwa.gov or (253) 853-7613 at least 24 hours prior to the meeting.

**PLANNING DIVISION
STAFF REPORT**

TO: Hearing Examiner
FROM: Nestor Guevara, Senior Planner
DATE: June 8, 2026

RE: PL-SPR 26-0001

Gig Harbor High School Track and Field Renovation – Performance-Based Height Exception
Public Hearing Date: June 16, 2026

I. GENERAL INFORMATION:

A. Owners: Peninsula School District Number 401
14015 62nd Ave NW
Gig Harbor, WA 98332

B. Applicant: DA Hogan and Associates
1450 114th Ave SE, Suite 225
Bellevue, WA 98004

II. APPLICANT'S REQUEST:

The applicant is proposing to modernize the existing high school track and field for Gig Harbor High school at 5101 Rosedale Street to improve safety, accessibility, and usability for students and the community. Planned upgrades include converting the natural grass field to a synthetic turf system, resurfacing and restriping the existing running track, and new perimeter pavement. The project will also add new aluminum bleachers with ADA-compliant seating, upgraded field lighting, a new scoreboard, and a lighted flagpole. Perimeter fencing will enhance security and crowd control. The proposed improvements will create a durable, accessible, and high-quality athletic venue for year-round use.

The applicant has received site plan review approval for many of the proposed upgrades; however, per Gig Harbor Municipal Code (GHMC) section 17.67 the installation of flood lights for the athletic fields requires a performance-based height exception to be reviewed as a type III application.

Note that the applicant has received site plan approval. The site plan review was separated from the performance-based height exception request in order to better accommodate the applicant's construction timeline. Separate from this request, the applicant is also seeking design review approval for a fence above 6'.

III. SITE DESCRIPTION:

A. Location: 5101 Rosedale Street

Assessor's Parcel Number: 0221063047

B. Site Area: 59.70 Acres

C. Existing Site Characteristics

- a. Topography:** The project site by the athletic field is relatively flat, with a slope increase east towards the buildings and parking lot along Skansie Ave.
- b. Vegetation:** The athletic field features tall evergreen trees along the western, northern, and southern borders. The parking surface lot accessed via Skansie Ave features additional trees and landscaping.
- c. Wetlands and Critical Areas:** There are no wetlands or critical areas on the project site. Per the City's mapping software, there is a category 1 wetland in the abutting lot west of the project site. There is a substantial landscape buffer between the wetland and the project location (approximately 350' at the closest point).

D. Zoning

- a. Subject Parcel:** PI Public Institutional
- b. Adjacent zoning and current use**
 - i. North:** PI – Public/Institutional
 - ii. East:** R-2 and RB2 – Residential Medium/Residential High Transition

- iii. **South:** R-1 – Residential Low
- iv. **West:** R-1 – Residential Low

E. Road Access: The project can be accessed via Skansie Ave to the east and Rosedale St to the south.

IV. APPLICABLE CODES AND POLICIES:

The Performance-Based Height Exception process is outlined in chapter 17.67 of the GHMC. Section 17.67.020 (A) lists the types of structures that can receive a performance-based height exception, one of which is athletic fields. Performance-based height exceptions are classified as Type III projects per GHMC section 17.67.050. This permit type requires a final decision by the hearing examiner.

The performance-based height exception will be reviewed under the following criteria per GHMC 17.67.060:

A. The increased structure height is necessary for effective performance and operation and is the minimum necessary for the structure to function in its intended and permitted use; and

B. Visual impacts beyond the site and within environmentally sensitive areas have been minimized by such measures as, but not limited to:

1. Avoidance, to the extent possible, of shade or light cast into critical areas and wetlands where shade or light may impact the biological functions of critical areas and wetlands;
2. Using color or material to blend the structure into the surrounding environment;
3. Screening the structure with vegetation;
4. Avoidance, to the extent possible, of light trespass onto adjacent properties.

Additionally, since the project involves athletic field lighting, the following criteria per GHMC 17.67.070 also applies:

- A. Athletic field light fixtures to be installed are a “shoebox” style and downward-directional; and
- B. Both fixtures and poles are painted black, brown or dark green.

V. BACKGROUND INFORMATION:

The applicant is proposing to modernize the existing high school track and field for Gig Harbor High school at 5101 Rosedale Street. The high school was constructed in 1979 and the athletic field includes a multipurpose grass field surrounded by an athletic track. The proposal would modernize the athletic field, including converting the natural grass to synthetic turf, installing field lighting, resurfacing the running track, and increasing ADA seating, among other improvements.

VI. ENVIRONMENTAL REVIEW:

The proposed project is categorically exempt per WAC 197-11-800(3) – Repair, remodeling and maintenance activities. The following activities shall be categorically exempt: The repair, remodeling, maintenance, or minor alteration of existing private or public structures, facilities or equipment, including utilities, recreation, and transportation facilities involving no material expansions or changes in use beyond that previously existing; except that, where undertaken wholly or in part on lands covered by water, only minor repair or replacement of structures may be exempt (examples include repair or replacement of piling, ramps, floats, or mooring buoys, or minor repair, alteration, or maintenance of docks).

VII. PUBLIC NOTICE & INPUT:

Hearing examiner agendas are published on the City of Gig Harbor’s webpage. Notice of the public meeting was published in the Tacoma Daily Index on May 28, 2026 and mailed to all property owners within 300 feet of the subject site and to parties of record on May 28, 2026. Notice was posted on site on June 5, 2026.

Two public comments were received during the notice of application comment period, which are included as Exhibit C. One comment was from the Department of Ecology, while the other comment was from the Squaxin Island Tribe. The comments received have been incorporated into the project conditions of approval.

VIII. STAFF ANALYSIS AND FINDINGS:

The applicant has requested that the following item be reviewed by the Hearing Examiner. Staff has reviewed the drawings submitted and makes the following analysis, findings and recommendation on the requested performance-based height exception.

A. GHMC 17.67 Performance-based height exceptions and height exemptions.

The Design Manual states that the maximum height for fences in the rear and side yards is 6 feet.

- 1. Applicant's Request:** The applicant is requesting a performance-based height exception for new athletic field lights. There would be four athletic field flood lights around the newly renovated field. The flood light would measure 80' tall from final grade. The structures would be painted black. Each pole will include shielded light fixtures to reduce spill light and offsite glare. Supplemental full cut off fixtures will be included to provide lower light levels for the perimeter spectator and circulation areas. The lights would include shielding to reduce spillover and glare effects.

The applicant is requesting the exception to allow for continued use of the athletic facility in the afternoons and evening, especially during winter months.

- 2. Staff Analysis:** The applicant has proposed an athletic field lighting around the perimeter of the renovated Gig Harbor High School track and field facility. The track and field facility is located on the northwest corner of the parcel. The parcel slopes downwards from the parking lot and school building on Skansie Ave towards the athletic field. Thus, the athletic field sits at a lower elevation than the street level.

The proposed structure will feature downward and shielded lighting and be painted black. The athletic field lighting design minimizes light spillover and glare effects, while being screened from adjacent

properties by landscaping in the form of tall evergreen trees. Additionally, the elevation change from the street level access from Skansie Ave to the athletic field minimizes the potential impacts of the proposal.

Staff finds that the proposed exception request meets the criteria for approval per GHMC section 17.67.060 as detailed below:

A. The increased structure height is necessary for effective performance and operation and is the minimum necessary for the structure to function in its intended and permitted use; and

Staff Analysis: *The proposed height of the flood lights would greatly reduce spillover and glare impacts to the surrounding area. The topography of the site, which slopes down from Skansie Ave to the east towards the athletic fields in the northwest corner of the parcel, make it so the athletic field sits on a significantly lower elevation than the street level. Lower field lights would thus cause greater impacts to the adjoining properties and surrounding areas in terms of light spill and glare. The proposed height for the structures would also avoid any effect to the relocated and new bleachers as part of the renovation project.*

B. Visual impacts beyond the site and within environmentally sensitive areas have been minimized by such measures as, but not limited to:

1. Avoidance, to the extent possible, of shade or light cast into critical areas and wetlands where shade or light may impact the biological functions of critical areas and wetlands;

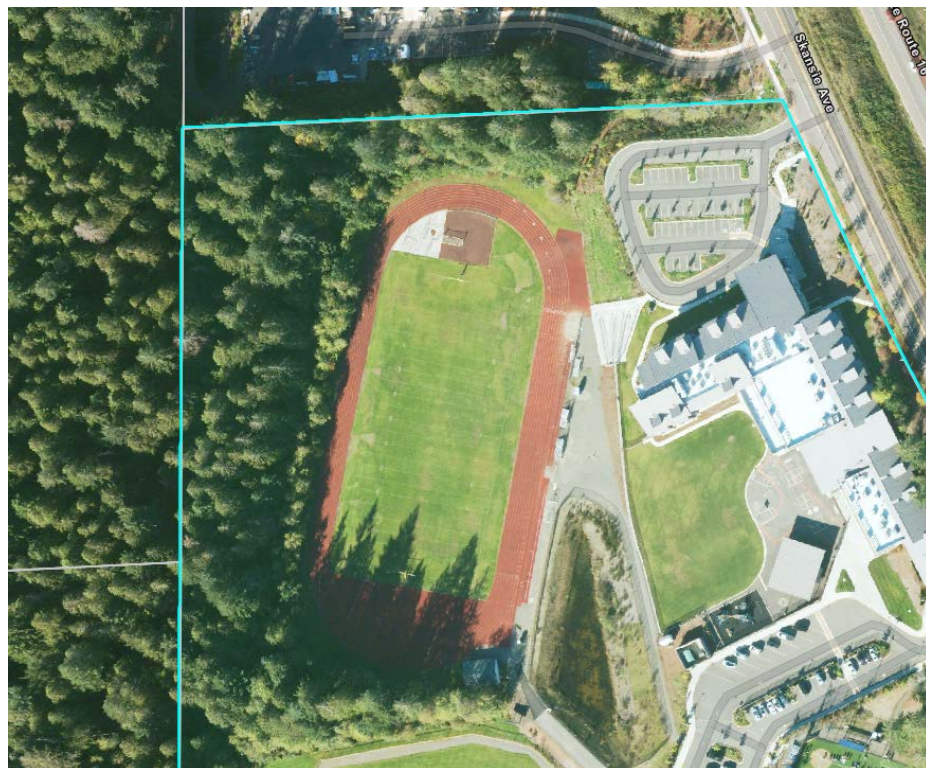
Staff Analysis: *There is a category 1 wetland found in the abutting lot to the west of the project site. Per the city's GIS mapping software the edge of the wetland is approximately 350' from the project site. The area between the wetland and the project site is covered in substantial landscaping in the form of large evergreen trees. Additionally, the field lights will be in a shoebox style, contain shielding, as well as feature an advanced light control system.*

2. Using color or material to blend the structure into the surrounding environment;

Staff Analysis: *The field lighting, poles, and associated equipment will be painted black to comply with athletic field lighting requirements per GHMC 17.67.070.*

3. Screening the structure with vegetation;

Staff Analysis: *The project site is surrounded by extensive vegetation in the form of large evergreen trees along the northern, southern, and western borders. The eastern border faces the surface parking lot accessed via Skansie Ave, which features additional landscaping.*



4. Avoidance, to the extent possible, of light trespass onto adjacent properties.

Staff Analysis: *The applicant proposes to use the industry standard of 80' pole height. The taller pole height aids in reducing light spillover and glare effects onto adjacent properties. As shown in the spill light plan provided by the applicant and found in Exhibit A (sheet ESPL), there is not light spill effect into the public right-of-way. There is minimal light spill effect into the northern adjacent property that is limited to landscaped and parking areas. As mentioned, there is substantial tree coverage on the northern, southern, and western borders of the project site.*

Staff finds that the proposed request meets the athletic field lighting criteria for approval per GHMC 17.67.070 as detailed below:

A. Athletic field light fixtures to be installed are a “shoebox” style and downward-directional; and

Staff Analysis: *The proposed “Luminaire” light fixture is in the “shoebox” style and it is downward-directional.*

B. Both fixtures and poles are painted black, brown or dark green.

Staff Analysis: *The field lighting, poles, and associated equipment will be painted black.*

Based upon the above, the applicant’s exception request meets all required approval criteria per GHMC section 17.60. Further, based on the applicant’s justification set forth in Exhibit B and the facts of this case, the proposed design meets the general requirements for athletic field lighting.

IX. CONCLUSIONS:

Staff finds that the proposed project meets all required criteria for approval per section 17.67 of the GHMC for a performance-based height exception, as well as the specific criteria for the athletic field, as detailed in the sections above.

X. RECOMMENDATIONS:

Staff recommends that the Hearing Examiner approve the requested Performance-Based Height Exception, with the following conditions included as part of the approval:

1. All grading and filling of land must utilize only clean fill. All other materials may be considered solid waste and permit approval may be required from your local jurisdictional health department prior to filling. All removed debris resulting from this project must be disposed of at an approved site.
2. If contamination is suspected, discovered, or occurs during field and track renovation and associated improvements, testing of the potentially contaminated media must be conducted. If contamination of soil or groundwater is readily apparent, or is revealed by testing, the Department of Ecology must be notified.
3. The applicant and contractors shall have a copy of the Inadvertent Discovery Plan (IDP) on the project site at all times.

Project Planner: Nestor Guevara, Senior Planner



Date: 6/8/2026

cc: DA Hogan and Associate 1450 114th Ave SE, Suite 225 Bellevue, WA 98004

The following documents pertinent to your review are enclosed:

Exhibit 1 - Plan set received May 14, 2026

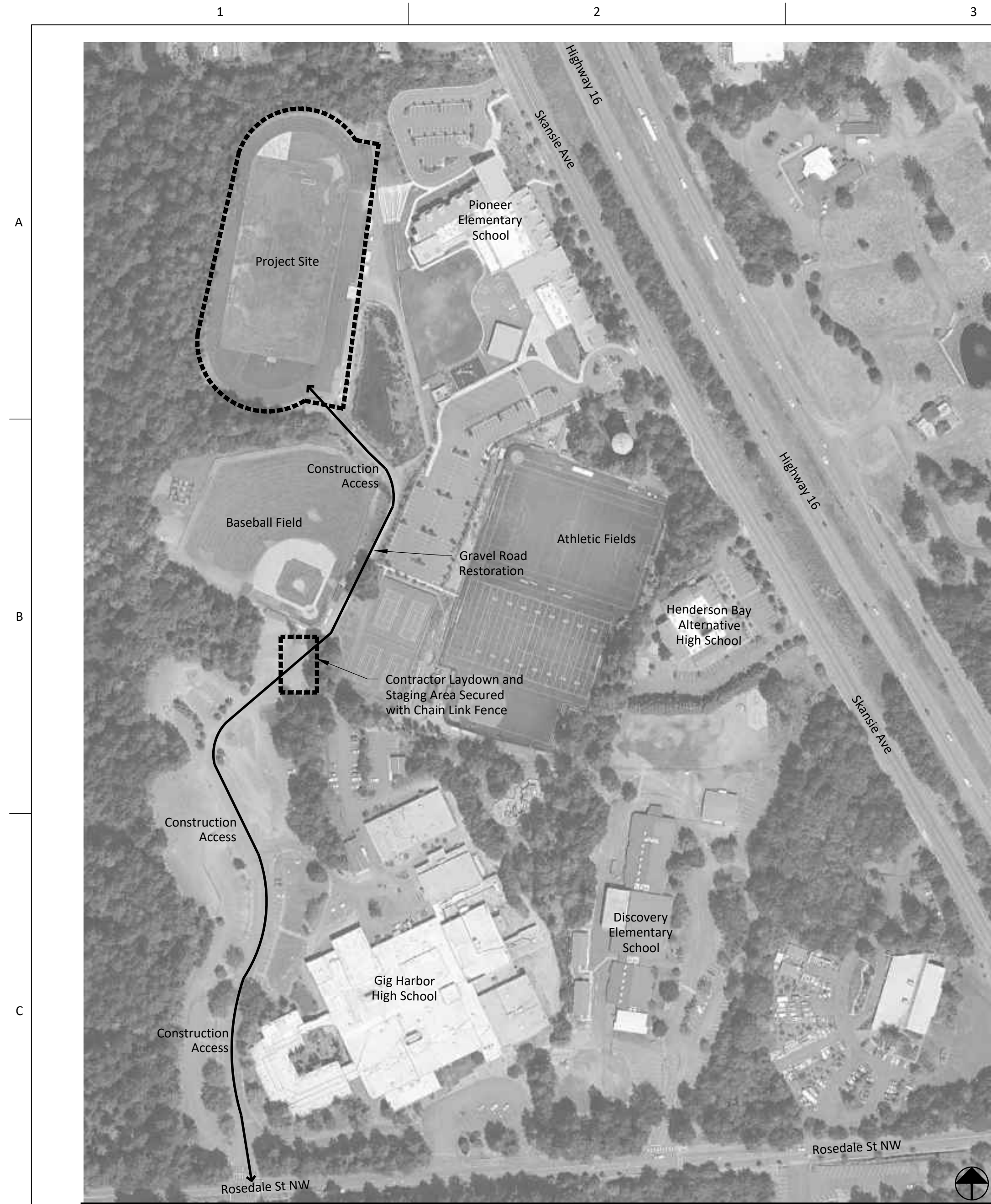
Exhibit 2 - Letter dated April 20, 2026 from DA Hogan and Associates

Exhibit 3 - Public comments received

Duration of Permit Approval: A land use permit shall expire 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 no exceeding one (1) year pursuant to GHMC 19.02.008(F). See GHMC 19.02.00 for complete regulations on the duration of permit approvals and expiration of permits. Once a use or development has been legally established, the land use permit will remain valid as long as the use and development is in compliance with the terms of the land use permit.

Availability of Complete Project Permit File for Review: The complete project permit file, including findings, conclusions and conditions of approval, if any, is available for review at the city of Gig Harbor Planning Department, 3510 Grandview Street, Gig Harbor, WA 98335. Please contact Nestor Guevara, Senior Planner, at 253-853-7637 should you desire to review the file.



VICINITY MAP

Project Site:
Gig Harbor High School
5101 Rosedale St NW,
Gig Harbor, WA 98335

Legal Description

Parcel Number: 0221063047

Legal Description: Section 06 Township 21 Range 02 Quarter 34 PARCEL A OF BLA 2020-01-17-5001 COM AT SW COR OF SW TH N 87 DEG 41 MIN 41 SEC E 670 FT TO POB TH N 00 DEG 29 MIN 12 SEC W 1530.78 FT TO INTER N LI OF S 1530 FT OF SW OF SEC AT A PT 608 FT E OF W LI OF SD SUBD TH N 87 DEG 41 MIN 41 SEC E 1091.89 FT TO SWLY LI OF PROP CYD TO STATE OF WA PER APN 2443865 TH SELY ALG SD SWLY LI AN ARC DIST OF 366.33 FT TH CONT ALG SD LI S 29 DEG 33 MIN 31 SEC E 608.99 FT TO INTER A LI PARW & 660 FT N OF S LI OF SD SUBD TH S 87 DEG 41 MIN 41 SEC W 239.72 FT TH S 09 DEG 47 MIN 35 SEC W 674.99 FT TH S 87 DEG 41 MIN 41 SEC W 1200 FT TO POB EXC S 30 FT FOR ROSEDALE ST ALSO EXC THAT POR DESC AS FOLL COM AT A PT OF RW LI ON 48TH AV SHOWN AS NE COR OF SURVEY 1798 TH S 87 DEG 41 MIN 41 SEC W 50 FT TO POB TH S 02 DEG 18 MIN 19 SEC E 100 FT TH S 87 DEG 41 MIN 41 SEC W 100 FT TH N 02 DEG 18 MIN 19 SEC W 100 FT TH N 87 DEG 41 MIN 41 SEC E 100 FT TO POB TOGW L 1 & 2 OF SP 2014-12-30-5002 EASE OF REC COMB OF 02-21-06-3-043, 7-000 & 7-001 SEG 2020-0331, JP 02/18/20, JP

Regulatory Requirements

- Neither Owner nor Architect is responsible for monitoring Contractor compliance with codes, laws or other regulatory requirements.
- Regulatory Authorities establish minimum requirement levels. Where provisions requirements differ or conflict, more stringent requirements govern.
- Regulatory requirements, current at date of this Contract and as required by governing agencies, supersede and govern over those listed in the Contract Documents.
- Identify and become familiar with all current codes, laws and regulatory requirements governing Work of this Contract.
- Perform Work in accordance with requirements of governing agencies and other regulatory requirements.
- Schedule and coordinate inspections and gain approvals required by governing agencies in a timely manner.
- Promptly notify Architect where Contract Document appear to conflict with regulatory requirements.
- Promptly forward to Architect, inspection reports, orders, permits, and other directives and correspondence received from governing agencies.
- Inform governing agencies in a timely manner of changes in the Work affecting regulatory requirements.

PENINSULA SCHOOL DISTRICT
GIG HARBOR HIGH SCHOOL
FIELD & TRACK RENOVATION

PERMIT NUMBERS:

BD-26-0005
PL-SPR-26-0001
EN-26-0003

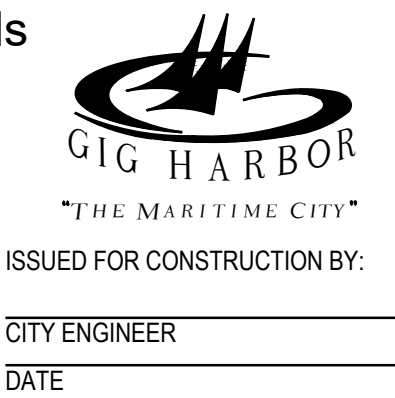


SITE PLAN

Owner	Prime Consultant	Civil Engineer	Structural Engineer	Electrical Engineer
Peninsula School District 14015 62nd Ave NW, Gig Harbor, WA 98332 (253) 530-1051 Phone	D.A. Hogan & Associates, Inc. 1450 114th Avenue SE, Suite 225 Bellevue, WA 98004 (206) 285-0400 Phone	LPD Engineering 1932 1st Avenue, Suite 500 Seattle, WA 98101 (206) 725-1211 Phone	KPFF 1601 5th Ave Suite 1600 Seattle, WA 98101 (206) 622-5822 Phone	Stantec 3400 188th Street , Suite 285 Lynnwood, WA 98037 (206) 224-3689 Phone

Drawing Index

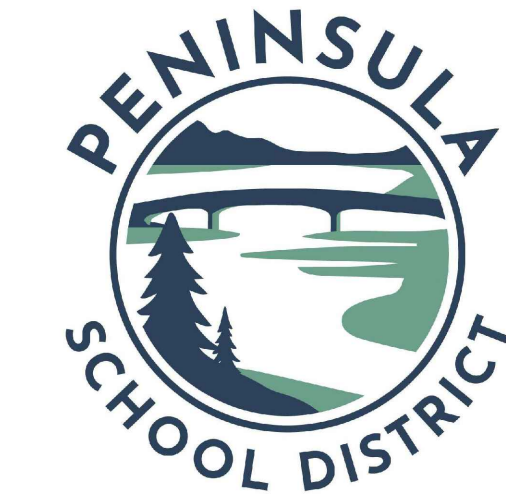
F-0.0	Cover & Index	F-2.1	Typical Sections	E-1.1	Electrical Plan
F-0.1	Boundary and Topographic Survey	F-2.2	Drainage Details	E-2.0	Details
F-0.2	Boundary and Topographic Survey	F-2.3	Fence Details	E-2.1	Electrical One-Line and Panel Schedules
F-0.3	TESC Plan	F-2.4	Site Details	ESPL	Spill Light Plan
F-0.4	TESC Details	F-2.5	Field Event Details		
F-0.5	TESC Notes	F-2.6	Field Event Details	S-1.01	Structural Notes and Inspection Schedule
F-0.6	Demolition Plan			S-1.02	Structural Details
		F-3.1	Composite Layout Plan		
F-1.1	Layout Plan	F-3.2	Football Layout Plan & Details	S-110	Structural Notes
F-1.2	Grading Plan	F-3.3	Soccer Layout Plan & Details	S-111	Site Plan and Details
F-1.3	Drainage Plan	F-3.4	Lacrosse Layout Plan		
F-1.4	Washwater Plan				
F-1.4A	Washwater Plan	F-4.1	Site Section		
F-1.5	Fencing & Dimensioning Plan				



RECEIVED
By MThomas City of Gig Harbor at 10:53 am, May 14, 2026

Gig Harbor High School
Field and Track Renovation
PL-SPR-26-0001 et al
Hearing Examiner 06.16.2026
Exhibit 1

REVISION	DATE



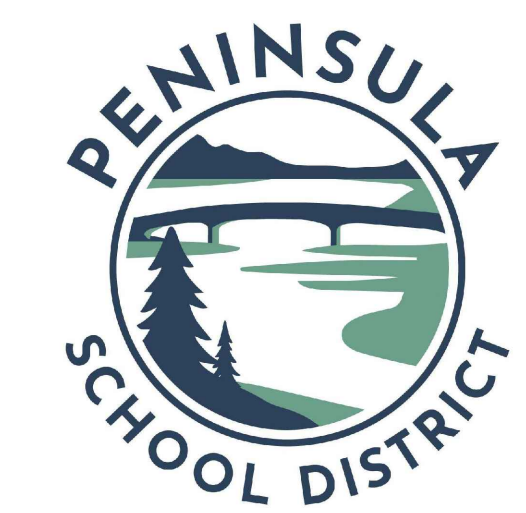
GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION



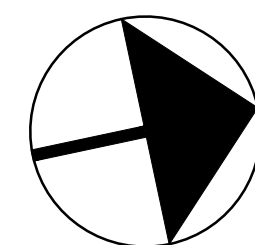
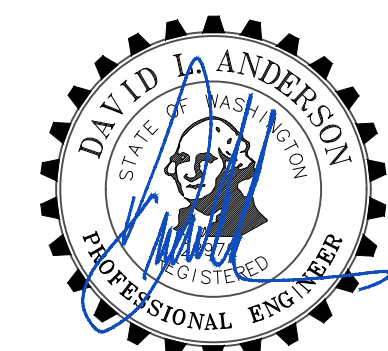
BID SET	
DATE	2-17-26
SCALE	AS NOTED
DRAWN	LRB
CHECKED	JAB
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

COVER SHEET &
DRAWING INDEX

SHEET
F-0.0



GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION



NORTH
0 30' 60'
SCALE: 1" = 30'

BID SET

DATE	2-17-26
SCALE	1"=30'
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COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	



Know what's below.
Call before you dig.

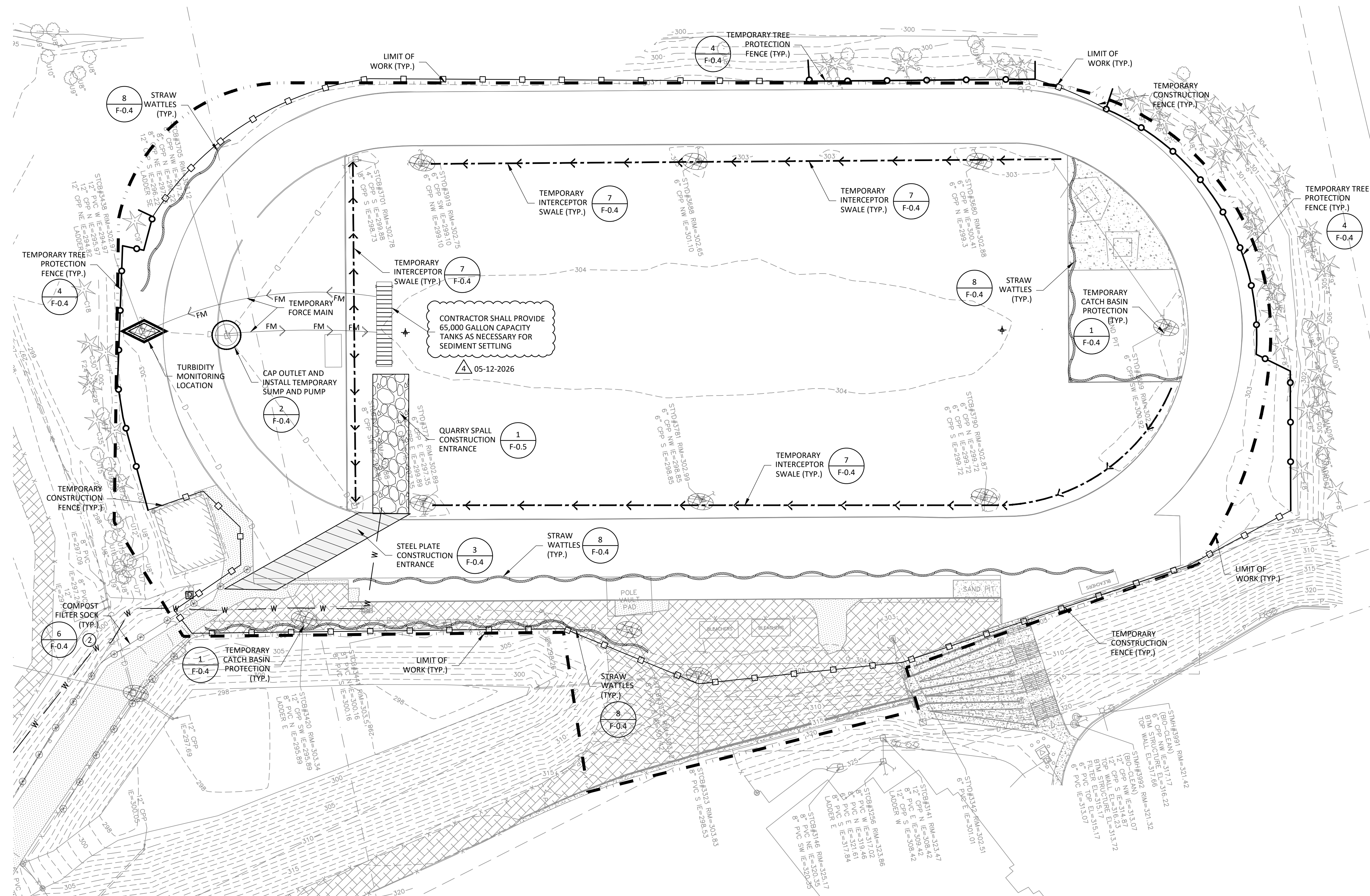


ISSUED FOR CONSTRUCTION BY:
CITY ENGINEER
DATE

TESC PLAN

SHEET

F-0.3

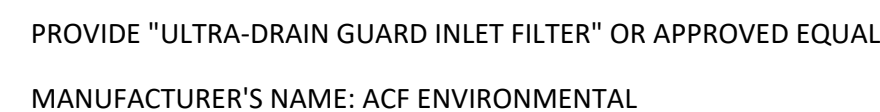


T.E.S.C. NOTES

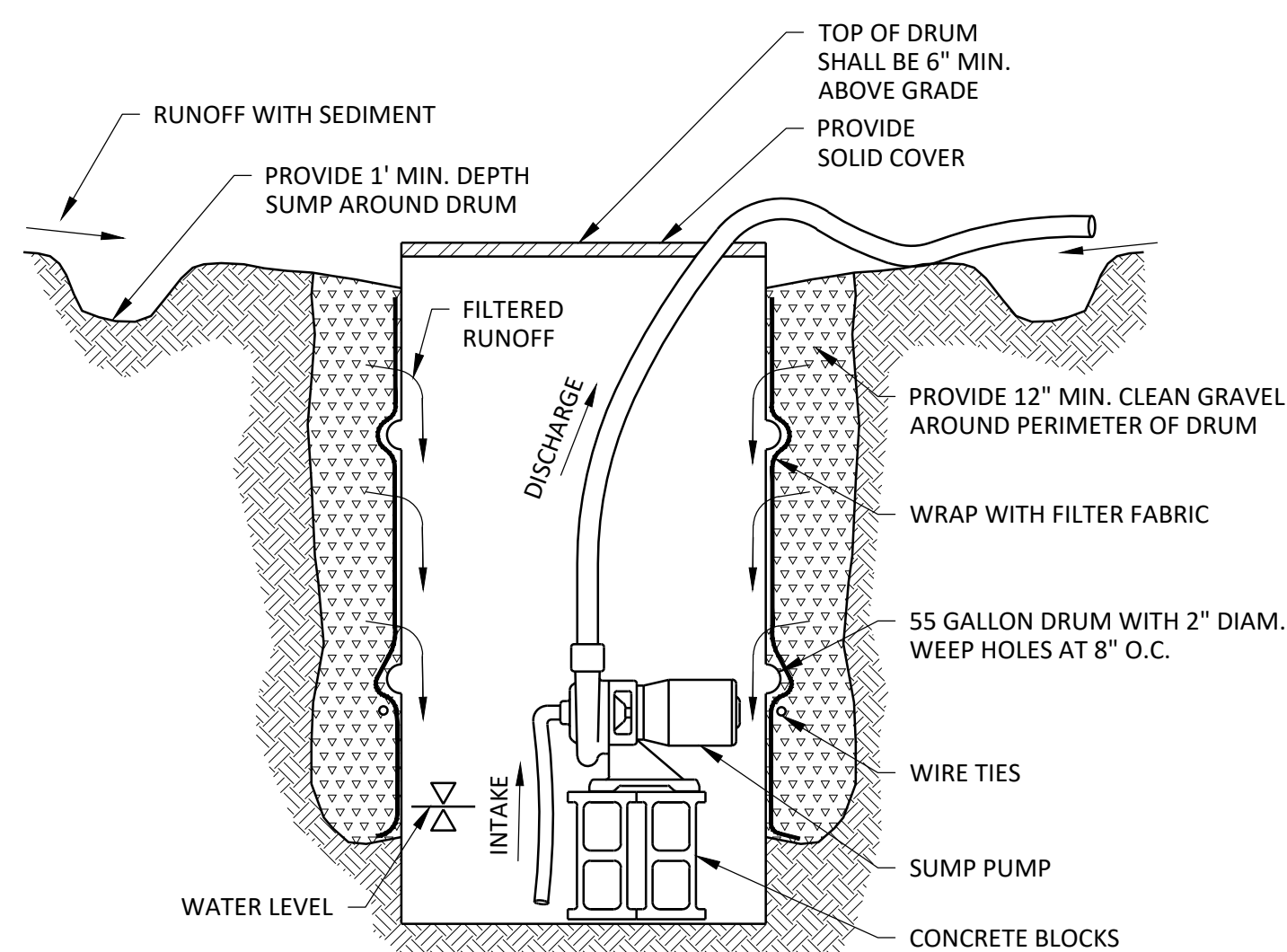
- TESC NOTES SEE SHEET F-0.5.
- COMPOST FILTER SOCK SHALL EXTEND FULL LENGTH OF CONSTRUCTION ACCESS ROAD.
- CATCH BASIN PROTECTION SHALL EXTEND FULL LENGTH OF CONSTRUCTION ACCESS ROAD.

T.E.S.C. LEGEND

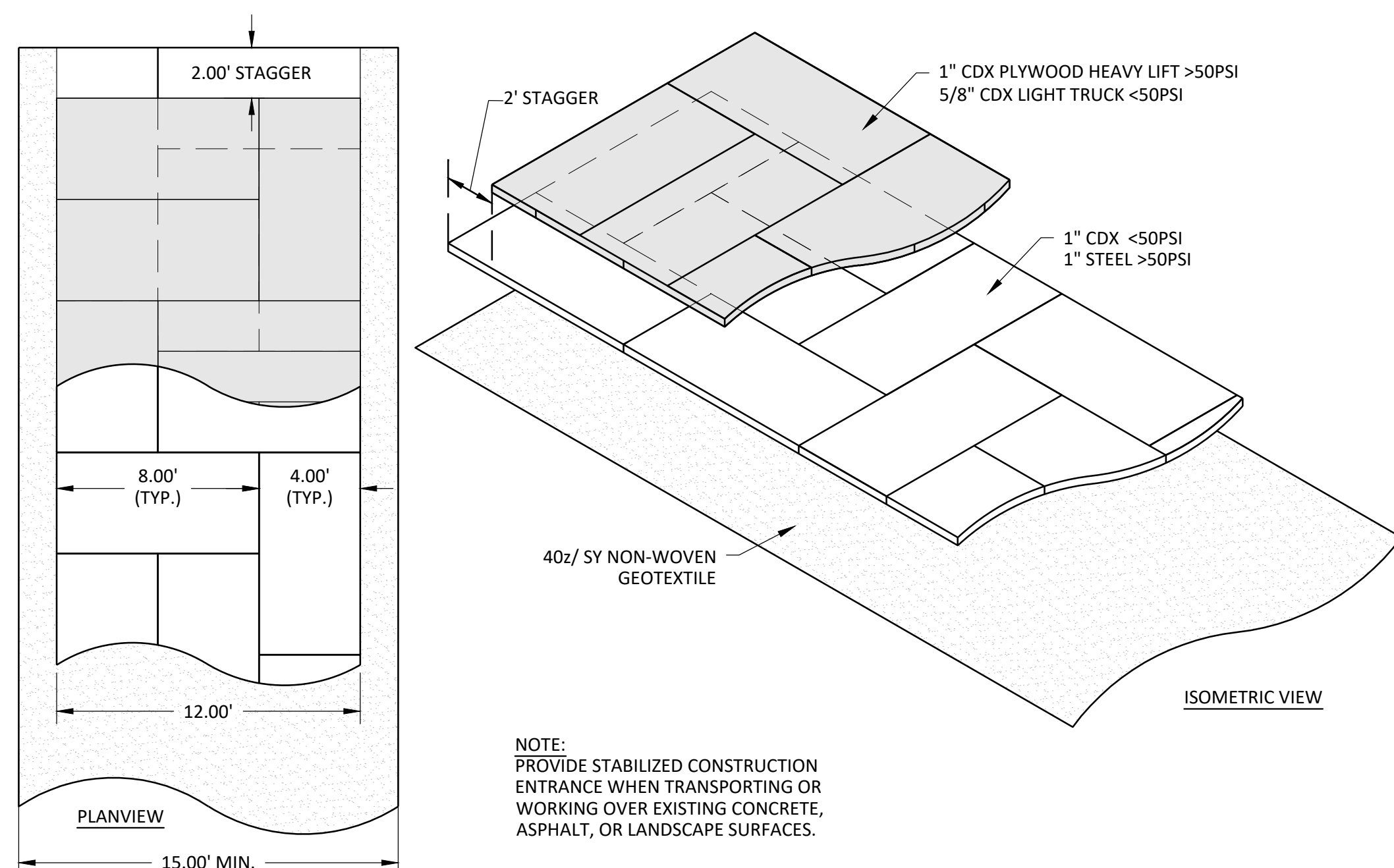
	TEMPORARY CONSTRUCTION FENCE		FORCE MAIN
	TEMPORARY INTERCEPTOR SWALE		TEMPORARY SUMP
	ROCK CHECK DAM		STRAW WATTLE
	CATCH BASIN PROTECTION		TEMPORARY TREE PROTECTION FENCE
	STEEL PLATE TEMPORARY CONSTRUCTION ENTRANCE		TURBIDITY MONITORING LOCATION
	QUARRY SPALL TEMPORARY CONSTRUCTION ENTRANCE		COMPOST FILTER SOCK
	TEMPORARY STORAGE TANK		LIMIT OF WORK



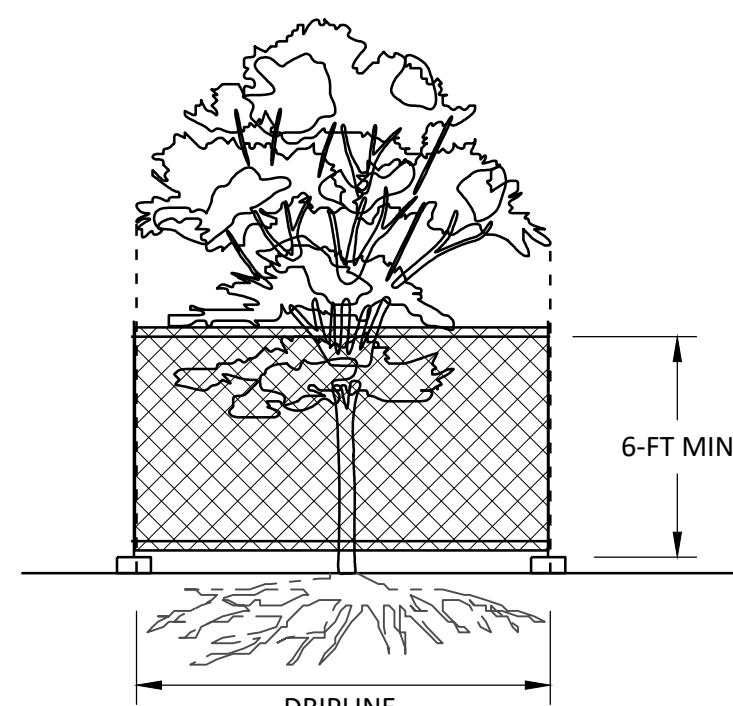
NOT TO SCALE



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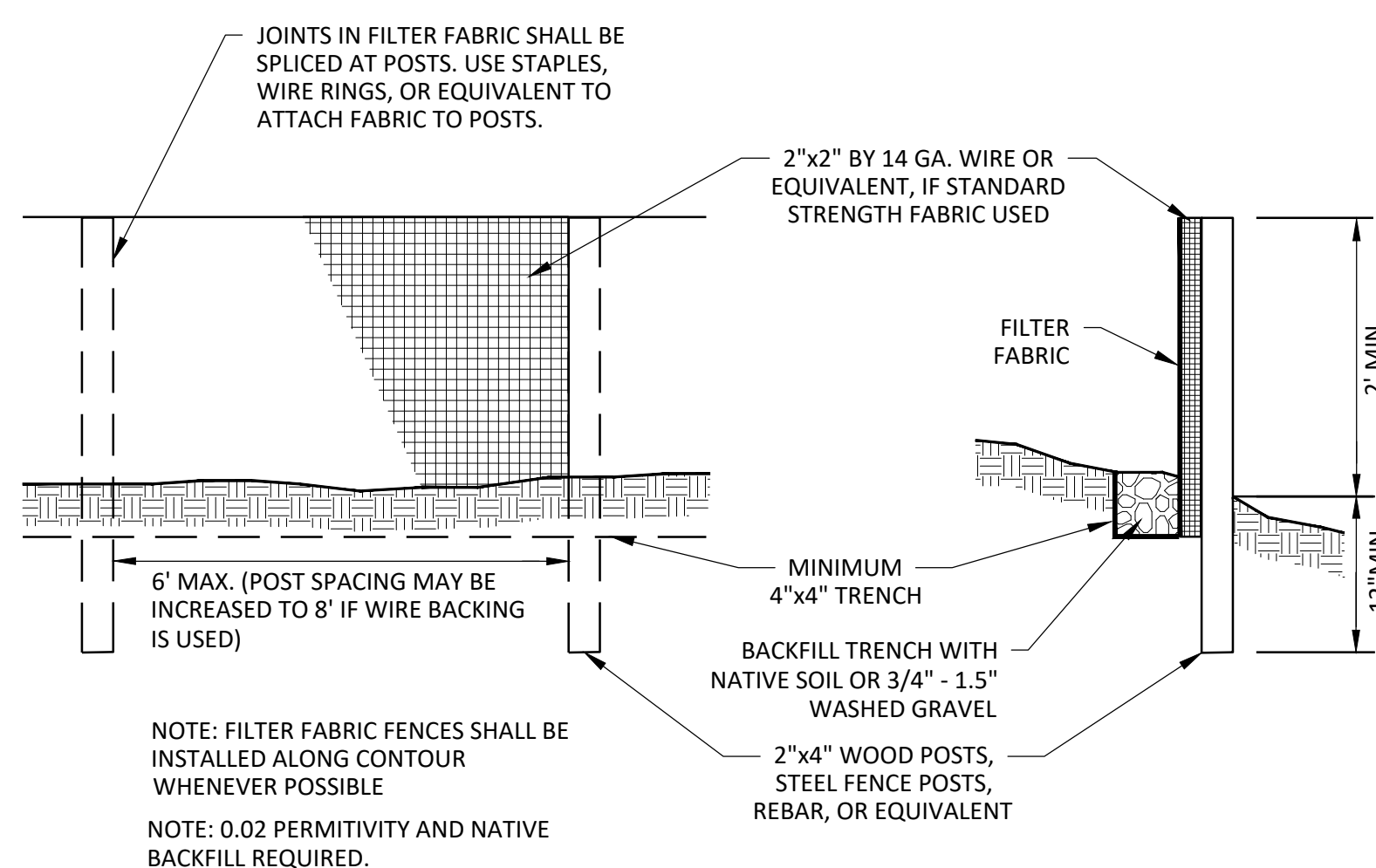


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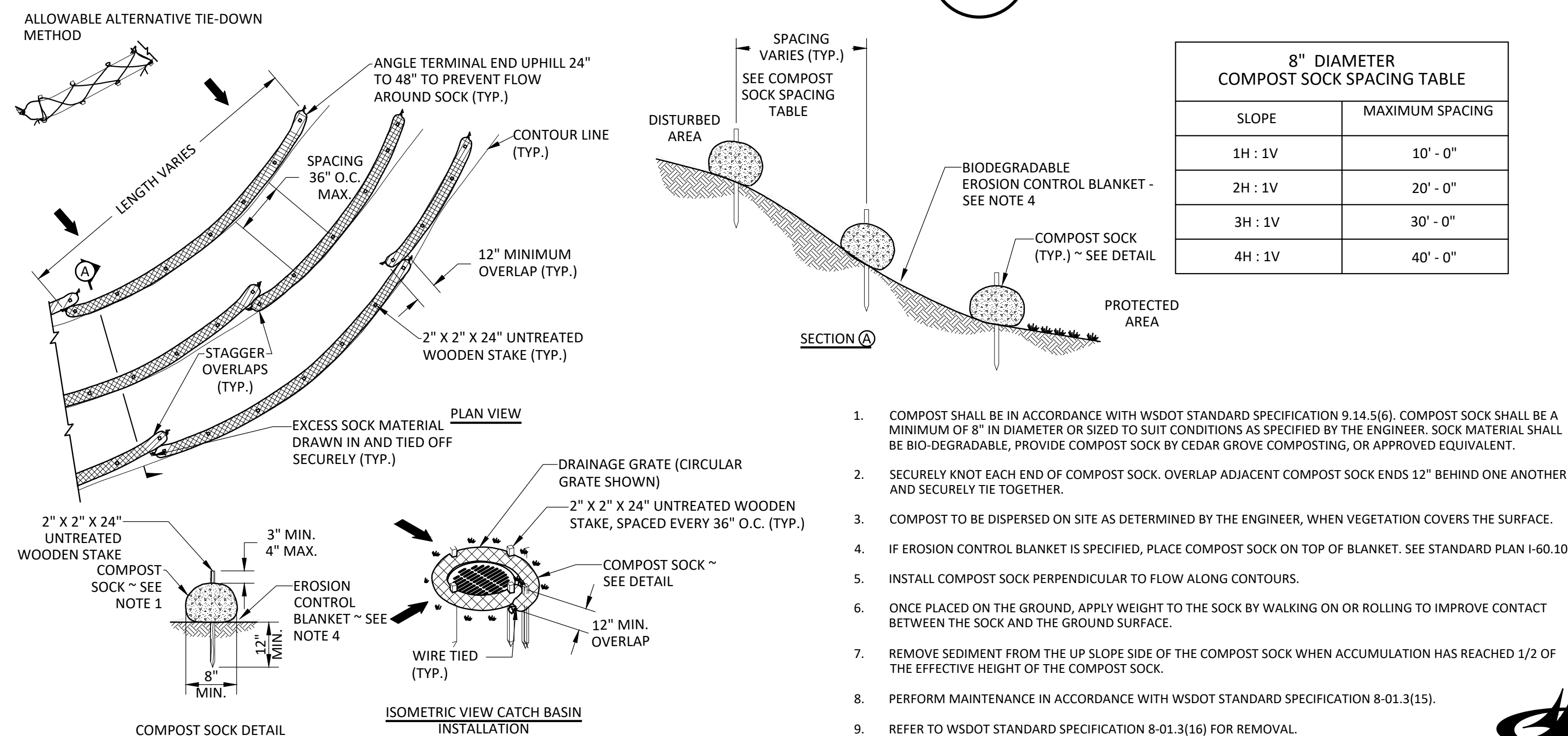


- NOTES:
1. 6-FT. HIGH TEMPORARY CHAIN LINK FENCE SHALL BE PLACED AT THE DRUPLINE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCIRCLE THE TREE(S). INSTALL FENCE POSTS USING PIER BLOCKS ONLY. AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
 2. FOR ROOTS OVER 1-IN DIA. THAT ARE DAMAGED DURING CONSTRUCTION, MAKE A CLEAN, STRAIGHT CUT TO REMOVE THE DAMAGED PORTION. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH DAMP BURLAP TO PREVENT DRYING, AND SHALL BE COVERED WITH SOIL AS SOON AS POSSIBLE.
 3. WORK WITHIN PROTECTION FENCE SHALL BE DONE MANUALLY. NO STOCKPILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMIT OF THE FENCING.

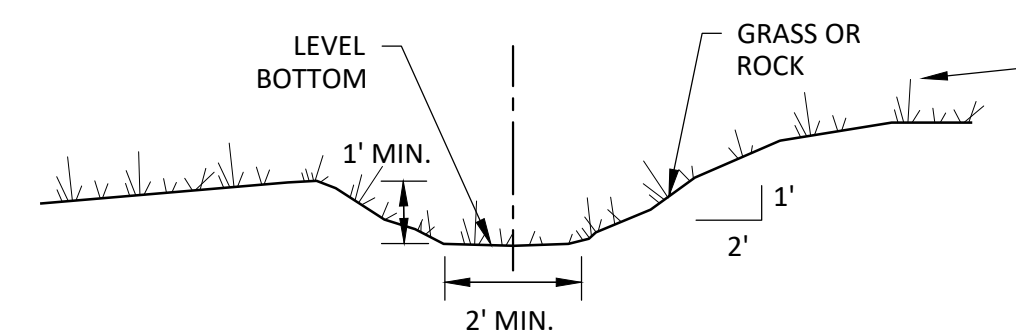
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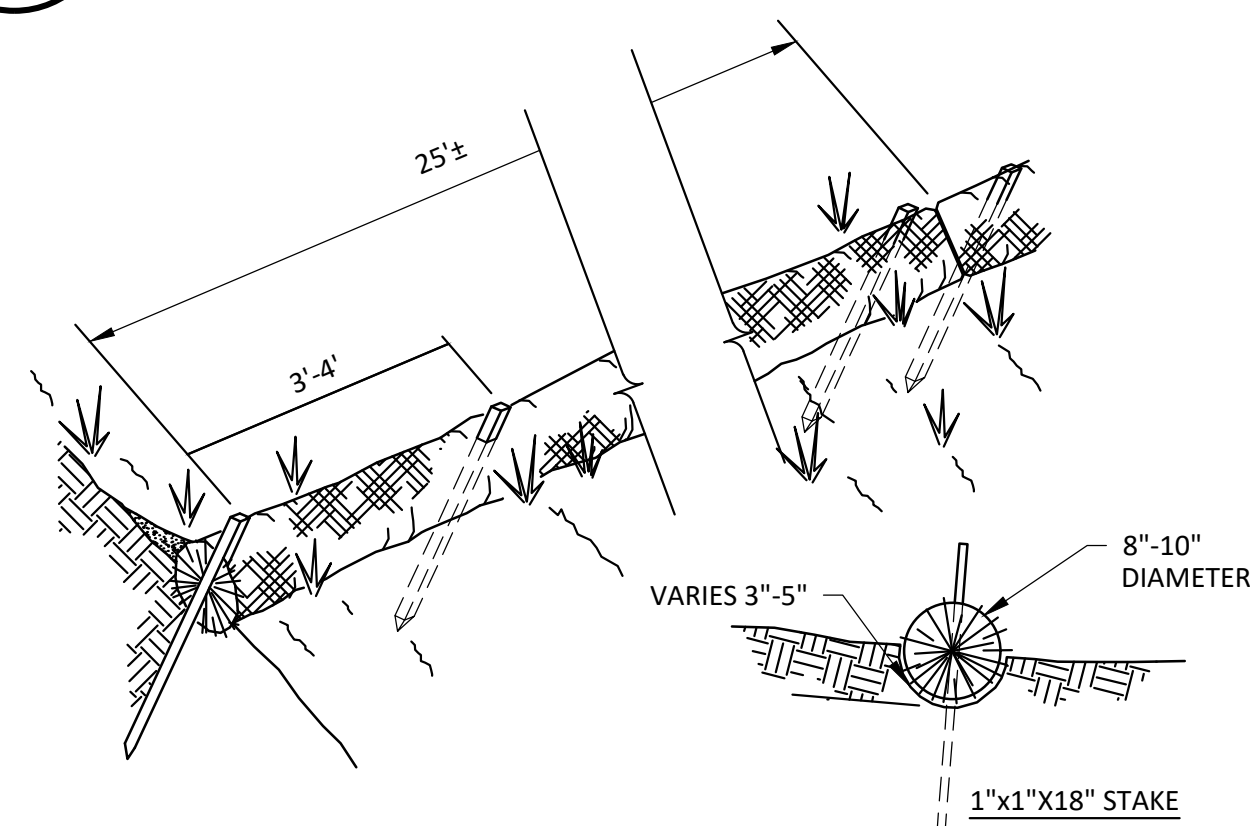


E-04 NOT TO SCALE



- | | |
|----------------|--|
| NOTES: | |
| GRADE: | MAX. 5% WITH POSITIVE DRAINAGE TO A SUITABLE OUTLET SUCH AS A SETTLEMENT TRAP |
| STABILIZATION: | SEED, COVER MEASURES, OR ROCK 12" THICK, PRESSED INTO SWALE BANK AND EXTENDING AT LEAST 8" VERTICAL FROM THE BOTTOM. |

NOT TO SCALE



- NOTES:**
1. STRAW WATTLE/ROLL SHALL BE MANUFACTURED FROM RICE STRAW AND WRAPPED IN BIODEGRADABLE TUBULAR PLASTIC NETTING OR SIMILAR ENCASING MATERIAL.
 2. STRAW WATTLE/ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE WATTLE/ROLL IN A TRENCH, 3'-5" (VARIES) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND WATTLE/ROLL.
 3. STRAW WATTLE/ROLLS MUST BE PLACED ALONG SLOPE CONTOURS.

NOT TO SCALE

8" DIAMETER COMPOST SOCK SPACING TABLE	
SLOPE	MAXIMUM SPACING
1H : 1V	10' - 0"
2H : 1V	20' - 0"
3H : 1V	30' - 0"
4H : 1V	40' - 0"

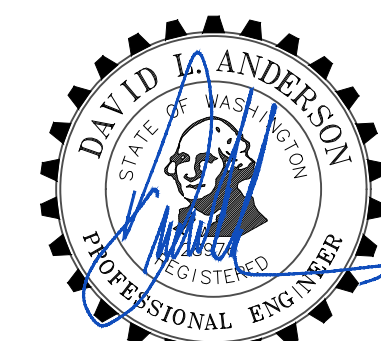
1. COMPOST SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 9.14.5(6). COMPOST SOCK SHALL BE A MINIMUM OF 8" IN DIAMETER OR SIZED TO SUIT CONDITIONS AS SPECIFIED BY THE ENGINEER. SOCK MATERIAL SHALL BE BIO-DEGRADABLE, PROVIDE COMPOST SOCK BY CEDAR GROVE COMPOSTING, OR APPROVED EQUIVALENT.
2. SECURELY KNOT EACH END OF COMPOST SOCK. OVERLAP ADJACENT COMPOST SOCK ENDS 12" BEHIND ONE ANOTHER AND SECURELY TIE TOGETHER.
3. COMPOST TO BE DISPERSED ON SITE AS DETERMINED BY THE ENGINEER, WHEN VEGETATION COVERS THE SURFACE.
4. IF EROSION CONTROL BLANKET IS SPECIFIED, PLACE COMPOST SOCK ON TOP OF BLANKET. SEE STANDARD PLAN I-60.10.
5. INSTALL COMPOST SOCK PERPENDICULAR TO FLOW ALONG CONTOURS.
6. ONCE PLACED ON THE GROUND, APPLY WEIGHT TO THE SOCK BY WALKING ON OR ROLLING TO IMPROVE CONTACT BETWEEN THE SOCK AND THE GROUND SURFACE.
7. REMOVE SEDIMENT FROM THE UP SLOPE SIDE OF THE COMPOST SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE COMPOST SOCK.
8. PERFORM MAINTENANCE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 8-01.3(15).
9. REFER TO WSDOT STANDARD SPECIFICATION 8-01.3(16) FOR REMOVAL.



ISSUED FOR CONSTRUCTION BY _____
CITY ENGINEER
DATE _____



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



BID SET

DATE	2-17-26
SCALE	AS SHOWN
DRAWN	LRB
CHECKED	JAB
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TESC DETAILS

GENERAL NOTES

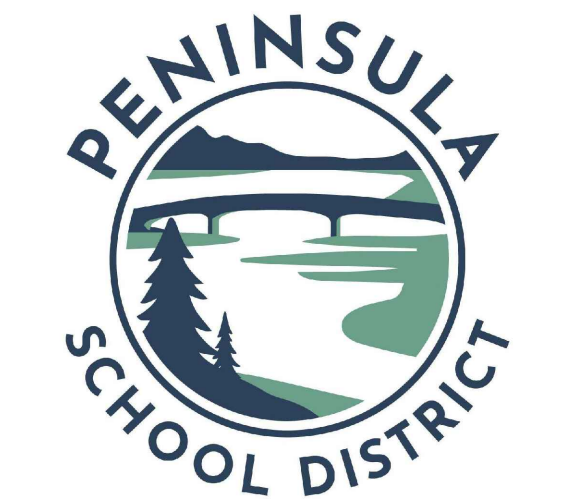
1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT JURISDICTION STANDARDS. WASHINGTON STATE DEPARTMENT OF TRANSPORTATION/AMERICAN PUBLIC WORKS ASSOCIATION STANDARD SPECIFICATIONS OF ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, AND CURRENT WSDOT HYDRAULIC MANUAL.
2. ALL WORK PERTAINING TO THIS PROJECT SHALL BE SUBJECT TO INSPECTION BY THE INSPECTOR OR HIS DESIGNATED REPRESENTATIVE. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE INSPECTOR TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE.
3. PRIOR TO ANY SITE DISTURBING ACTIVITY INCLUDING CLEARING, LOGGING OR GRADING, THE SITE CLEARING LIMITS AS SHOWN ON THESE PLANS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR OR ENGINEER.
4. THE DEVELOPER AND PROJECT ENGINEER ARE RESPONSIBLE FOR WATER QUALITY. THE PROJECT ENGINEER HAS ESTABLISHED A MONITORING PROGRAM.
5. APPROVAL IS REQUIRED FOR ALL CHANGES TO THE CONSTRUCTION PLANS BY THE DESIGN ENGINEER AND JURISDICTION BEFORE CONSTRUCTION OCCURS. NONCOMPLIANCE WITH THE CONSTRUCTION PLANS, EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND/OR CLEARING LIMITS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL AND BOND FORECLOSURES.
6. PUBLIC STREETS ARE TO BE KEPT CLEAR OF DIRT AND DEBRIS DURING CONSTRUCTION EXCAVATION AND FILL OPERATIONS. MATERIAL SHALL BE REMOVED FROM THE STREETS BY SWEEPING. PAVED SURFACES MUST BE CLEANED AT THE END OF EACH DAY.
7. SEDIMENT CONTROL FACILITIES SHOWN ON THESE PLANS SHALL BE INSTALLED AS PART OF THE PLAN TO REMOVE SEDIMENT FROM THE WATER AND MEET WATER QUALITY STANDARDS BEFORE CLEARING AND GRADING IS ALLOWED. THIS MAY INCLUDE SEDIMENT PONDS, SILT FENCES, SWALES, CHANNELS, BERMS, BARRIERS AND OUTER MEASURES. SEE THE CONSTRUCTION SEQUENCE FOR ORDER OF INSTALLATION.
8. STABILIZE ALL EXPOSED AND NON-WORKED SOIL FROM MAY 1 TO SEPTEMBER 30 NO SOIL MAY REMAIN EXPOSED FOR MORE THAN 7 DAYS.
9. INSTALL INLET PROTECTION ON ALL STORM DRAIN INLETS DURING CONSTRUCTION SO THAT SEDIMENT AND SILT LADEN WATER IS FILTERED OR TREATED TO MINIMIZE SEDIMENT THAT ENTERS THE INLET.
10. THE CONSTRUCTION EROSION CONTROL BMP'S SHALL BE INSPECTED AFTER EACH SIGNIFICANT RAIN EVENT. MAINTENANCE SHALL BE PERFORMED AS NEEDED TO MAINTAIN THE PERFORMANCE AND FUNCTION.
11. SILT BARRIERS AND SEDIMENT PONDS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
12. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL.
13. DEPOSITS MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER, CHECK DAM OR OTHER CATCHMENT.
14. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
15. THE EMBANKMENT OF SEDIMENT BASINS SHOULD BE CHECKED REGULARLY TO INSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.



TREE PROTECTION NOTES

- WHERE THE DRIP LINE OF A TREE OVERLAPS CONSTRUCTION, THE FOLLOWING TREE PROTECTION MEASURES SHALL BE EMPLOYED.

1. THE CONTRACTOR MAY NOT FILL, EXCAVATE, STACK OR STORE ANY EQUIPMENT, OR COMPACT THE EARTH IN ANY WAY WITH THE AREA DEFINED BY THE DRIP ON THE ANY TREE TO BE RETAINED.
2. THE CONTRACTOR SHALL PROVIDE SUPERVISION WHENEVER EQUIPMENT OR TRUCKS ARE MOVING NEAR TREES.
3. THE GRADE LEVEL AROUND ANY TREE TO BE RETAINED MAY NOT BE LOWERED WITHIN THE GREATER OF THE FOLLOWING AREAS: A) THE AREA DEFINED BY THE DRIP LINE OF THE TREE, B) THE AREA AROUND THE TREE EQUAL TO ONE FOOT IN DIAMETER FOR EACH ONE INCH OF TREE CALIPER.



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



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TESC NOTES

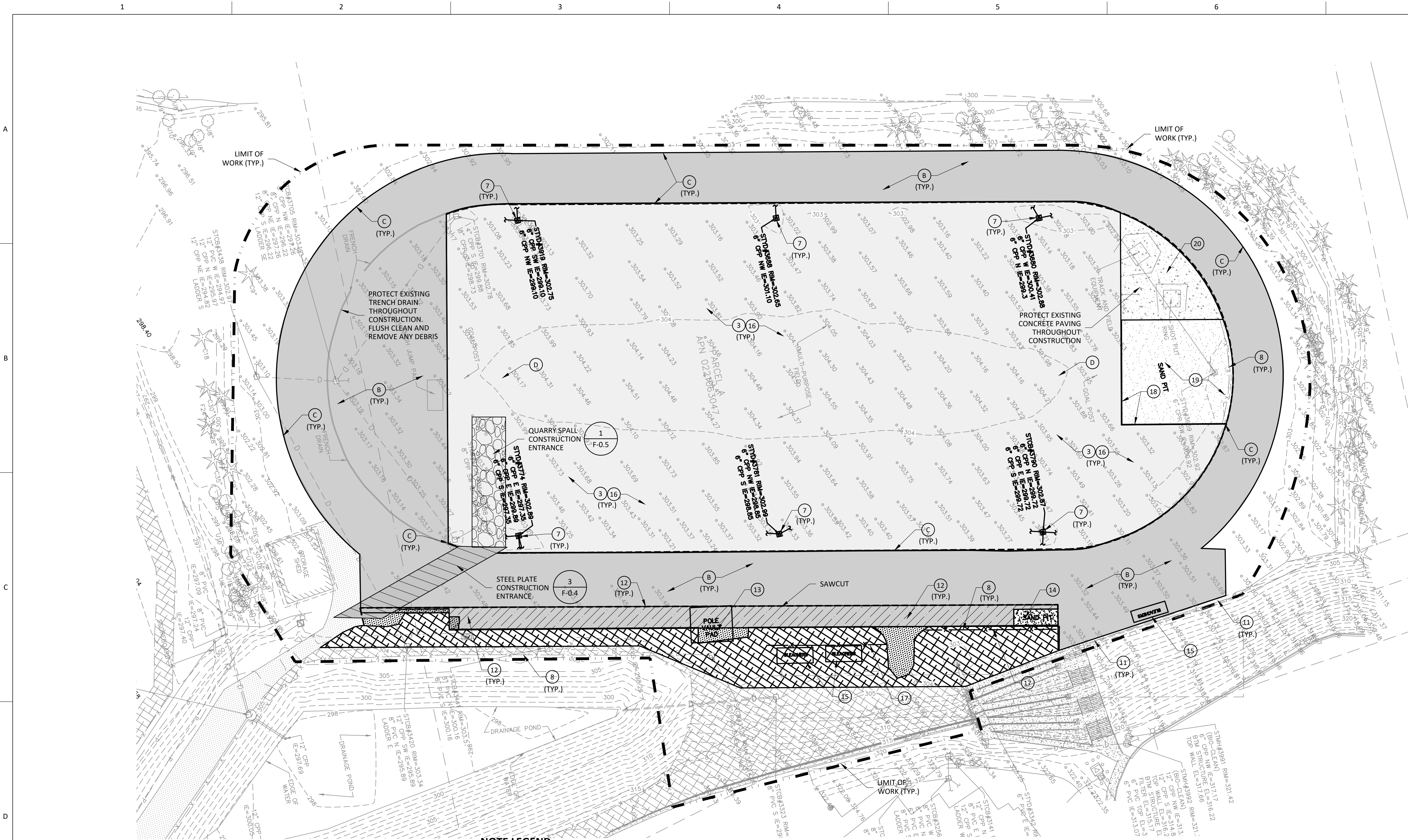
SHEET

F-0.5



ISSUED FOR CONSTRUCTION BY:

CITY ENGINEER _____
DATE _____



DEMOLITION NOTES

1. CALL BEFORE YOU DIG. LOCATE, IDENTIFY AND VERIFY CONDITION OF ALL SITE UTILITIES PRIOR TO COMMENCING THE WORK.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL GATES AND FENCES AT PERIMETER OF THIS SITE TO ESTABLISH A SECURE WORK AREA. WORK SHALL INCLUDE TEMPORARY FENCING. SECURITY FENCE TO BE 6 FEET HEIGHT, CHAIN LINK.
3. STRIP AREA WITHIN LIMITS OF DISTURBANCE OF EXISTING SOD AND ORGANIC MATERIALS AND DISPOSE OF OFF SITE. ALL EXCESS AND UNSUITABLE SOIL MATERIALS SHALL BE REMOVED AND DISPOSED OF OFF SITE.
4. PROTECT ALL EXISTING CATCH BASINS TO REMAIN DURING CONSTRUCTION. INSTALL T.E.S.C. MEASURES AROUND RIMS AND MAINTAIN THROUGHOUT CONSTRUCTION. ALL EXISTING CATCH BASINS SHALL BE TAKEN OFF-LINE PRIOR TO LAND CLEARING ACTIVITIES. OUTLET PIPES SHALL BE PLUGGED TO PREVENT DISCHARGE OF TURBID WATER IN THE DOWNSTREAM SYSTEM. PROPOSED INLETS SHALL BE PROTECTED WITH CATCH BASIN INSERTS, AND THEIR OUTLETS SHALL BE PLUGGED UNTIL THE SITE IS STABILIZED. SEE SHEET F-0.2.
5. PROTECT ALL UTILITIES TO REMAIN FROM ANY DAMAGE THROUGHOUT CONSTRUCTION.
6. BACKFILL ALL EXCAVATIONS WITH STRUCTURAL FILL AND COMPACT TO 95%.
7. REMOVE EXISTING STORM DRAINAGE PIPE AND CATCH BASIN AND DISPOSE OF OFF SITE. BACKFILL WITH STRUCTURAL FILL AND COMPACT TO 95%. PLUG PENETRATION AT STORM DRAINAGE OUTFALL IN THE NEXT DOWNSTREAM STRUCTURE.
8. PROTECT EXISTING CHAIN LINK FENCING TO REMAIN.

9. PROTECT EXISTING IRRIGATION SUPPLY MAINLINE, REMOVE EXISTING CONTROLLER AND DELIVER TO OWNER. REMOVE EXISTING SUPPLY LINE WITHIN PROJECT LIMITS.
10. CONTRACTOR SHALL PROTECT PERIMETER EXISTING NATURAL GRASS TO REMAIN AND RESTORE ANY ADDITIONAL DISTURBANCE ACCORDING TO RESTORATION REQUIREMENTS, INCLUDING LAYDOWN AND STAGING AREAS.
11. REMOVE ORGANICS AND TOP 4" OF GRAVEL FROM EXISTING FRENCH DRAIN.
12. SAWCUT 24" FROM EXISTING OUTSIDE LANE & PAINTED LINE AND REMOVE EXISTING RUBBERIZED SURFACE AND ASPHALT PAVING AND DISPOSE OF OFF SITE.
13. REMOVE EXISTING POLE VAULT BOX AND PADS AND DISPOSE OF OFF SITE.
14. REMOVE LONG JUMP CONCRETE CURB, SAND, AND TAKEOFF BOARDS AND DISPOSE OF OFFSITE.
15. CONTRACTOR SHALL RELOCATE BLEACHERS ON SITE DURING CONSTRUCTION AND SALVAGE FOR RELOCATION.
16. REMOVE ALL EXISTING SUBSURFACE DRAINAGE PIPE AND DISPOSE OF OFFSITE. BACKFILL WITH STRUCTURAL FILL AND COMPACT TO 95%.
17. REMOVE EXISTING CHAIN LINK FENCE, GATES, FOUNDATIONS AND ALL APPURTENANCES. DISPOSE OF OFFSITE.
18. REMOVE EXISTING WOOD BORDER AND DISPOSE OF OFF SITE.
19. REMOVE EXISTING ORGANICS AND 4" DEPTH OF CINDERS AND DISPOSE OF OFF SITE.
20. BRUSH, VACUUM AND PRESSURE WASH EXISTING POROUS CONCRETE PAVING.

RUBBERIZED SURFACE NOTES

- A. MARK ALL RUBBERIZED SEAMS, TEARS, AND GOUGES FOR REPAIR PRIOR TO APPLICATION OF STRUCTURAL SPRAY COAT
- B. CLEAN, VACUUM, AND PRESSURE WASH EXISTING RUBBERIZED TRACK SURFACING AND D-ZONES
- C. CLEAN EXISTING JOINT AT INTERIOR AND EXTERIOR EDGES OF RUNNING TRACK, PRIOR TO FILLING AND SPRAY COAT APPLICATIONS. RE-ADHERE TO SUBSTRATE IF NEEDED.
- D. FIELD LOCATE AND PROTECT EXISTING RADIUS POINT MONUMENTS.

DEMOLITION LEGEND

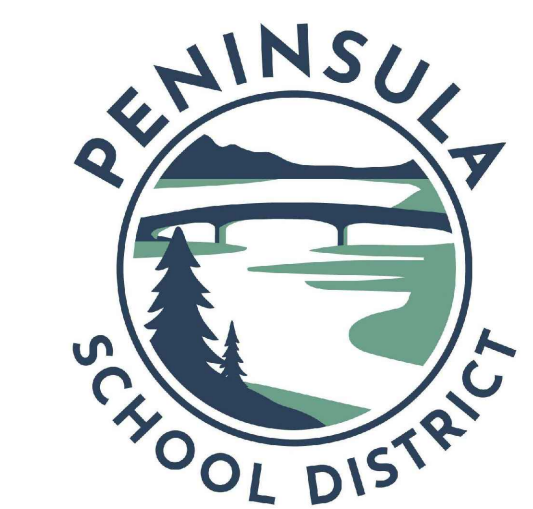
	EXISTING NATURAL TURF TO BE REMOVED AND DISPOSED OF OFF SITE		SAWCUT LINE
	RUBBERIZED SURFACING TO BE CLEANED AND PRESSURE WASHED		LIMIT OF WORK
	RUBBERIZED SURFACE AND ASPHALT PAVING TO BE REMOVED AND DISPOSED OF OFFSITE		STEEL PLATE TEMPORARY CONSTRUCTION ENTRANCE
	ASPHALT PAVING TO BE REMOVED AND DISPOSED OF OFFSITE		QUARRY SPALL TEMPORARY CONSTRUCTION ENTRANCE
	GRAVEL TO BE REMOVED AND DISPOSED OF OFFSITE		ORGANICS AT CINDER REMOVAL
	SAND PIT TO BE REMOVED AND DISPOSED OF OFFSITE		

Know what's below.
Call before you dig.

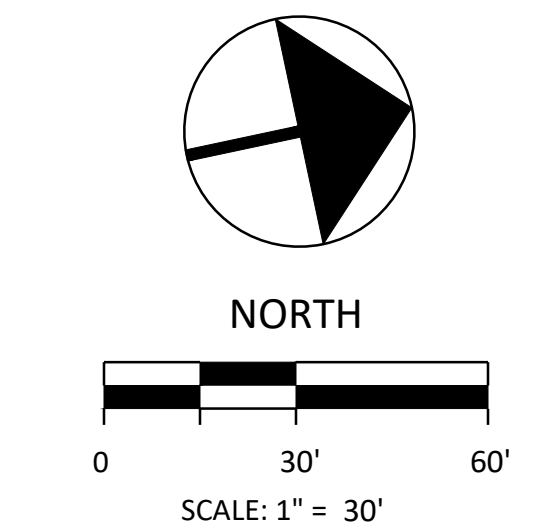
GIG HARBOR
"THE MARITIME CITY"
ISSUED FOR CONSTRUCTION BY:
CITY ENGINEER
DATE

Gig Harbor High School
Field and Track Renovation
PL-SPR-26-0001 et al
Hearing Examiner 06.16.2026
Exhibit 1

REVISION DATE



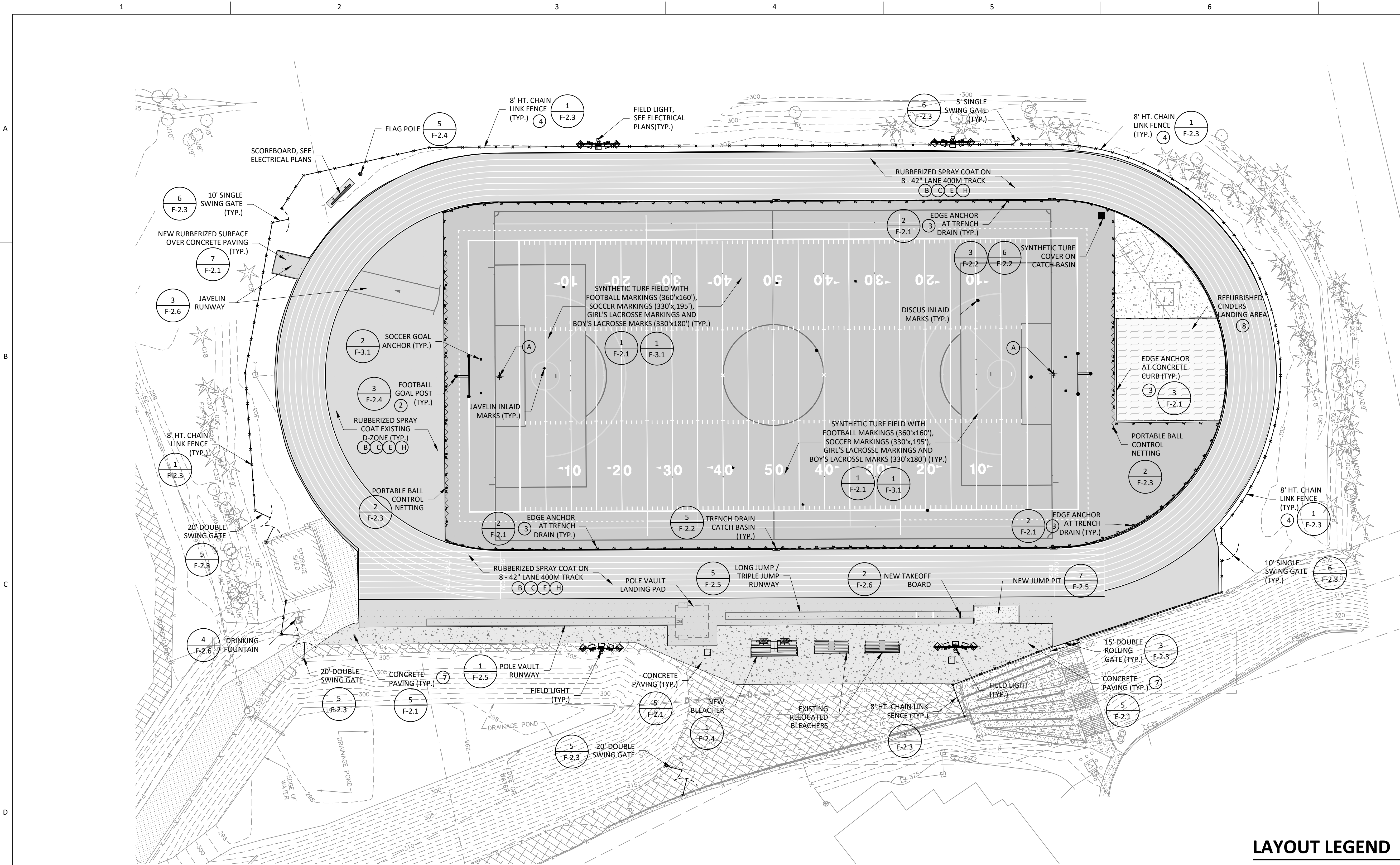
GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



BID SET	
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SCALE	1"=30'
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DEMOLITION PLAN

SHEET
F-0.6



BID OPTIONS:

- BASE BID:
- 1. FURNISH AND INSTALL 25MM ELASTIC LAYER PAD BELOW SYNTHETIC TURF.
 - 2. SCOREBOARD MODEL FB-2023.
- ALTERNATE BID #1:
- 1. DELETE ELASTIC LAYER PAD. FURNISH AND INSTALL PREFABRICATED SUPPLEMENTAL PAD BELOW SYNTHETIC TURF.
- ALTERNATE BID #2:
- 1. SCOREBOARD MODEL LVX-3000-16MT AND ASSOCIATED ELECTRICAL COMPONENTS. SEE ELECTRICAL SHEETS.

LAYOUT NOTES

- 1. LAYOUT CONTROL PLAN ON SHEET F-1.40. DIGITAL DATA PROVIDED TO THE CONTRACTOR AFTER BID AWARD UPON REQUEST.
- 2. ALIGN GOAL POST FOOTING LOCATION WITH OFF-SET DIMENSION.
- 3. FURNISH AND INSTALL EDGE ANCHOR AROUND THE ENTIRE PERIMETER OF THE SYNTHETIC TURF FIELD AREA
- 4. PROVIDE A 3.0' MINIMUM CLEARANCE BETWEEN THE OUTSIDE EDGE OF THE OUTSIDE LANE OF THE RUBBERIZED SURFACING AND THE CENTERLINE OF THE CHAIN LINK FENCING.
- 5. FURNISH AND INSTALL SYNTHETIC TURF COVERS FOR THE EXISTING CATCH BASINS LOCATED IN THE SYNTHETIC TURF FIELD AREA.
- 6. FURNISH AND INSTALL TWO PORTABLE SOCCER GOALS. PROVIDE 2 GROUND ANCHOR WITH TURF COVER FOR EACH SOCCER GOAL
- 7. CONCRETE PAVING TO MEET AND MATCH FLUSH WITH EXISTING PAVED WALKWAYS.
- 8. FURNISH AND INSTALL 4" DEPTH CINDERS AT SHOT PUT LANDING AREA.

NOTE LEGEND

- 1. (INDICATES GENERAL CONSTRUCTION NOTE)
- 3. (INDICATES SPECIFIC CONSTRUCTION KEYNOTE)

RUBBERIZED SURFACE RESPRAY NOTES

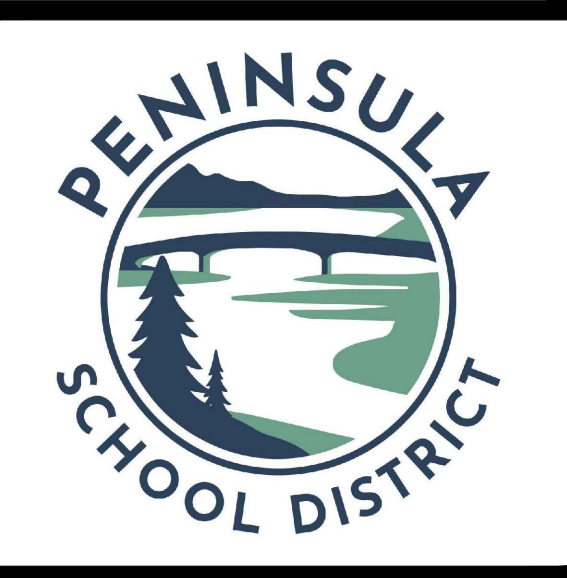
- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE EXISTING RADIUS POINTS UNDER THE EXISTING SYNTHETIC TURF FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GLUING AND REPAIRING THE TURF AS REQUIRED TO ACCESS THE EXISTING RADIUS POINT MONUMENTS.
- B. FILL ALL RUBBERIZED SEAMS, TEARS, AND GOUGES WITH PIGMENTED TWO COMPONENT POLYURETHANE PRIOR TO APPLICATION OF STRUCTURAL SPRAY COAT. TAPE OFF INSIDE EDGE OF TRACK TO FILL IN CRACKS ALONG TRACK EDGE WHERE ORGANIC MATERIAL WAS REMOVED WITH TWO COMPONENT POLYURETHANE AND PREPARE TO RECEIVE STRUCTURAL SPRAY COATS. ALLOWANCE OF 1000 SF.
- C. IMMEDIATELY PRIOR TO APPLICATION OF NEW RUBBERIZED SURFACING, EXISTING RUBBERIZED SURFACING SHALL BE THOROUGHLY CLEANED OF ALL DIRT, DEBRIS OR ANY OTHER SUBSTANCES THAT WILL BE DETRIMENTAL TO THE INSTALLATION. ALL SURFACES TO BE VACUUMED WITH A COMMERCIAL HEAVY DUTY UNIT AND PRESSURE WASHED.
- D. FOR BIDDING PURPOSES, THE CONTRACTOR SHALL ASSUME 1000 SF OF ADDITIONAL BASE MAT REPAIR, TO CORRECT LOW AND HIGH AREAS ON THE TRACK.
- E. APPLY SUCH PRIMING MATERIAL AS MAY BE NECESSARY TO ASSURE COMPLETE BOND OF POLYURETHANE TO THE EXISTING RUBBERIZED SURFACING OR EDGE BASE SURFACING AS APPLICABLE.
- F. CONTRACTOR MUST PROTECT ALL ADJACENT AREAS FROM ANY CONTAMINATION FROM RUBBERIZED SURFACING INSTALLATION PROCEDURES. TAPE PLASTIC SHEETING TO EDGING OR ADJACENT EXPOSED ASPHALT CONCRETE PAVING TO PROTECT FIELD SURFACING, ADJACENT AREAS AND STRUCTURES INCLUDING FENCING. RESTORE ANY DISTURBED, NON-SURFACED PERIMETER AREAS.
- G. IF EXACT DUPLICATE LANE NUMBERS AND TRACK MARKING STENCILS ARE NOT UTILIZED, PRIOR TO APPLICATION OF TOP COAT CONTRACTOR SHALL PAINT OR MASK EXISTING NUMBERS & MARKINGS TO LIMIT 'GHOSTING' THROUGH NEW TOP COAT SURFACE. CONTRACTOR SHALL UTILIZE EITHER PIGMENTED URETHANE OR PAINT AS NEEDED SUCH THAT THE PAINTED PORTIONS ARE NOT VISIBLE AFTER INSTALLATION, AND THE TEXTURE OF THE FINISH SURFACE IS NOT AFFECTED.
- H. APPLY SEAL COAT TO RUNNING TRACK AREAS AND APPLY TWO SPECIFIED STRUCTURAL SPRAY COATS TO ALL EXISTING RUBBERIZED SURFACING AS INDICATED.
- I. MASK ALL EDGES OF RUBBERIZED SURFACING TO RECEIVE NEW SURFACING.
- J. FURNISH AND INSTALL FOUR NEW TAKE OFF BOARDS. COAT ONE SIDE OF BOARD WITH RUBBERIZED SURFACE. PROVIDE FLUSH TRANSITION BETWEEN TAKE OFF BOARD AND RUNWAY RUBBERIZED SURFACE.
- K. FURNISH AND INSTALL COMPLETE TRACK AND FIELD EVENT LINES AND MARKINGS.
- L. FIELD VERIFY ALL DIMENSIONS. FIELD EVENT AND TRACK LINES SHALL MATCH EXISTING LOCATIONS, UNLESS OTHERWISE NOTED.

LAYOUT LEGEND

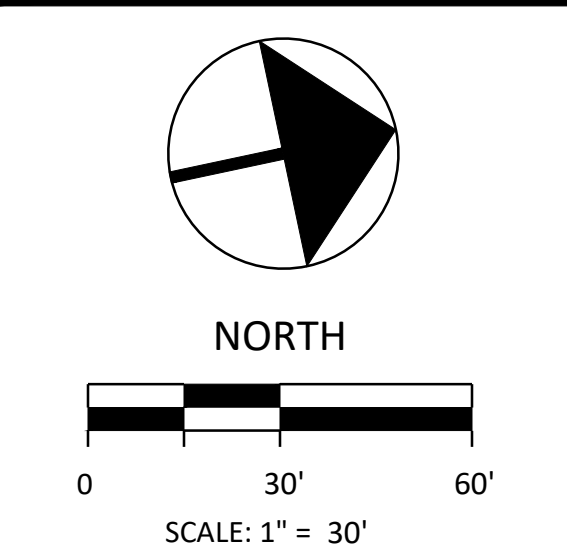
- INFILLED SYNTHETIC TURF OVER NEW SUPPLEMENTAL PAD
- SEAL COAT AND STRUCTURAL SPRAY COATS ON RUBBERIZED SURFACING
- RUBBERIZED SURFACE OVER CONCRETE PAVING
- CONCRETE PAVING
- CINDERS
- PORTABLE BALL CONTROL NETTING
- SYNTHETIC TURF EDGE ANCHOR AT POLE VAULT RUNWAY
- CHAIN LINK FENCE AND CONCRETE CURB
- CHAIN LINK FENCE
- LIGHTPOLE
- TYPE 1 CATCH BASIN
- TRENCH DRAIN



REVISION	DATE



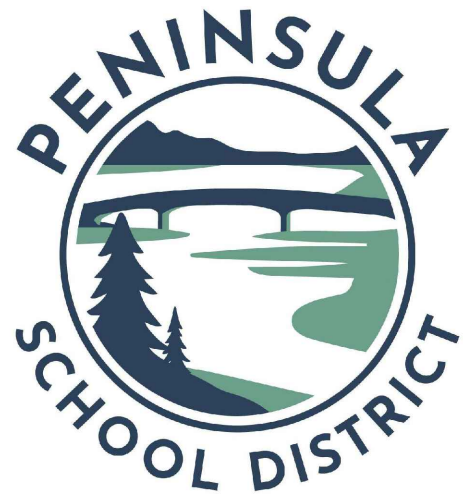
GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



BID SET	
DATE	2-17-26
SCALE	1"=30'
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CHECKED	JAB
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LAYOUT PLAN

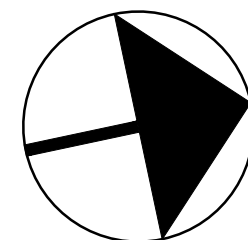
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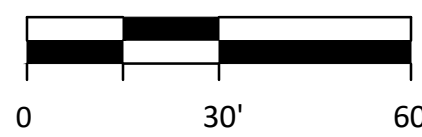
GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION



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Bellevue, WA 98004
P. 206-235-0900
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NORTH



BID SET

DATE 2-17-26

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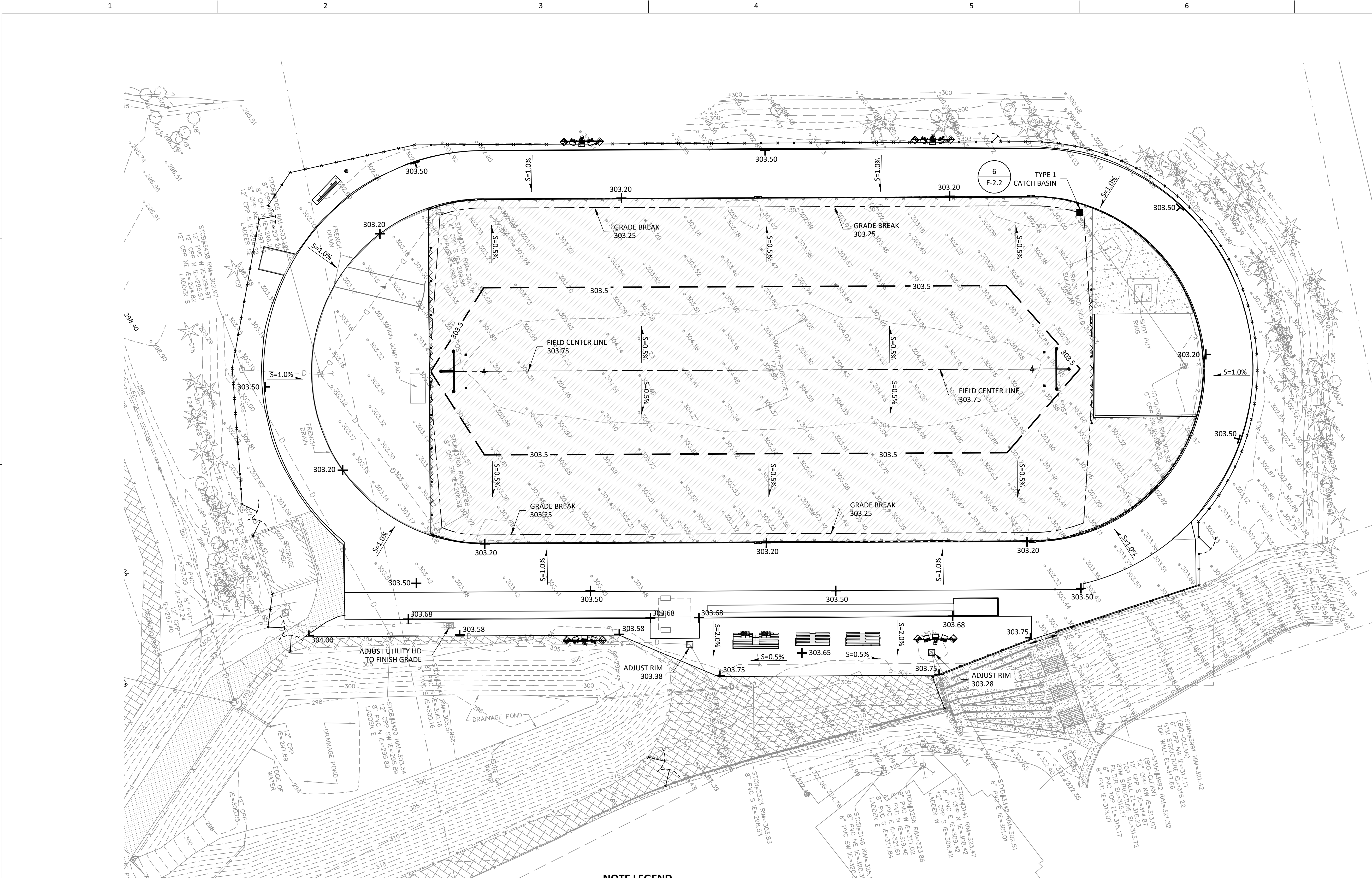
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GRADING PLAN

SHEET

F-1.2



CUT AND FILL NOTES

- CUT AND FILL CALCULATIONS PROVIDED. THE REASON FOR THE EXPORT IS BASED ON THE AMOUNT OF REMOVAL AND REPLACEMENT OF MATERIALS FOR THE FIELD. THE FIELD AREA IS 85,000 SQUARE FEET. APPROXIMATELY 12" OF EXISTING GRASS AND SITE SOIL IS BEING REMOVED. THIS RESULTS IN APPROXIMATELY 3150 CUBIC YARD FOR REMOVAL.
- THE IMPORTED PERMEABLE AGGREGATE IS 10" IN DEPTH, OVER 85,000 SQUARE FEET THIS RESULTS IN APPROXIMATELY 2600 CUBIC YARDS OF MATERIAL. THERE IS AN ADDITIONAL 2" THICKNESS FOR THE SYNTHETIC TURF AND PAD SYSTEM, WHICH COULD BE VIEWED AS CREATING A 12" TURF PROFILE RESULTING IN A BALANCE.
- OVERALL THERE WILL NOT BE SIGNIFICANT GRADE CHANGE MORE THAN A COUPLE INCHES BETWEEN THE EXISTING FIELD AND PROPOSED FIELD.
- GHMC 17.99.240 (C) REFERENCES "NATURAL TOPOGRAPHY". THE FIELD ITSELF CONSTRUCTED CIRCA 1980 CREATED A RELATIVELY FLAT AREA WITHIN THE BOUNDARIES OF THE CAMPUS THAT FOLLOWS THE LOCALIZED TOPOGRAPHY. THE GRASS FIELD INSIDE THE RUNNING TRACK SHOULD NOT BE CONSIDERED NATURAL TOPOGRAPHY. THE CODE CITED APPEARS MORE GEARED TOWARDS BUILDING PROJECTS AND PARKING LOTS THAT ARE BEING CONSTRUCTED IN FORESTED OR VEGETATED AREAS, NOT SPORTS FACILITY RENOVATIONS.

GRADING NOTES

- THE CONTRACTOR SHALL CALL AND NOTIFY DIGALERT AT 8-1-1 A MINIMUM OF 2 WORKING DAYS BEFORE DEMOLITION, DIGGING, OR GRADING OPERATIONS OCCUR.
- NEW CONTOURS SHOWN ARE FINISH GRADE ELEVATIONS.
- BACKFILL AND COMPACT EXCAVATED AREAS RESULTING FROM DEMOLITION ACTIVITIES WITH SELECT FILL TO 95% WITH 12" MAX LIFTS.
- STRIP FIELD AREA OF EXISTING SOD AND ORGANIC MATERIALS AND DISPOSE OF OFF SITE. ALL EXCESS AND UNSUITABLE SOIL MATERIALS SHALL BE REMOVED AND DISPOSED OF OFF SITE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN THE EVENT OR DISCOVERY OF POOR SOILS, GROUNDWATER OR DISCREPANCIES IN THE EXISTING CONDITIONS AS NOTED ON THE PLANS.
- ALL PERIMETER PAVING SHALL MEET AND MATCH ADJACENT SURFACES.
- CONTRACTOR SHALL SURVEY SPOT ELEVATIONS ON INSIDE EDGE OF EXISTING ASPHALT EVERY 20' AND PROVIDE SURVEY TO ENGINEER. TRENCH DRAIN ELEVATION 303.20 IS ESTIMATED ELEVATION OF RUBBERIZED SURFACING. ADJUSTMENT OF FINISH GRADE + OR - 1/4" SHOULD BE ANTICIPATED. NEW RUBBERIZED SURFACE SHALL MATCH FLUSH WITH EXISTING RUBBERIZED SURFACE.
- CONTRACTOR SHALL RESTORE EXISTING GRAVEL ACCESS ROAD AND REFURBISH GRAVEL SURFACE TO MATCH OR EXCEED EXISTING CONDITIONS.

NOTE LEGEND

- (INDICATES GENERAL CONSTRUCTION NOTE)
- (INDICATES SPECIFIC CONSTRUCTION KEYNOTE)

GRADING LEGEND

	EXISTING CONTOUR LINES		ADJUST RIM OF EXISTING CATCH BASIN FOR NEW FINISH GRADE
	SPOT ELEVATION		CATCH BASIN INLET (C.B.I.) TYPE 1
	NEW CONTOUR LINES		CHAIN LINK FENCE AND CONCRETE CURB
	NEW HALF CONTOUR LINES		CHAIN LINK FENCE
	SURFACE SLOPE		TRENCH DRAIN
	CONSTANT SURFACE SLOPE		LIMIT OF PERMEABLE AGGREGATE
	MATCH TO EXISTING		
	GRADE BREAK		

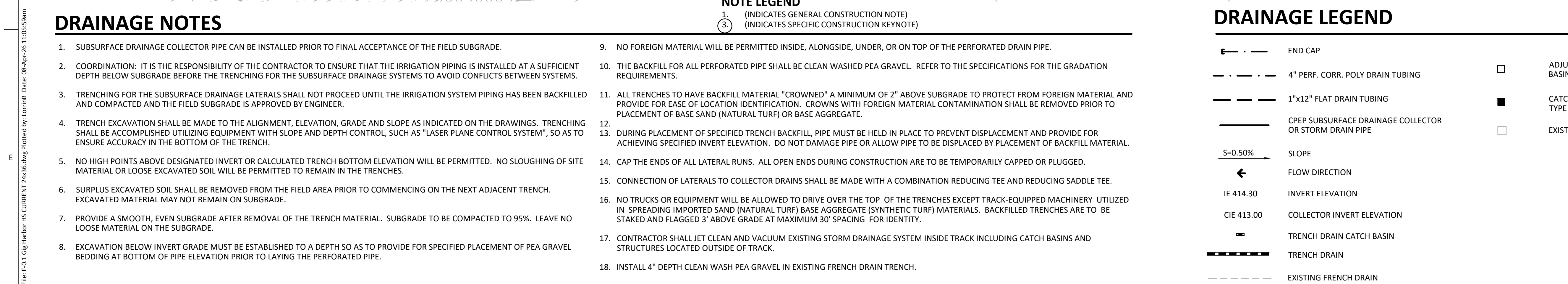


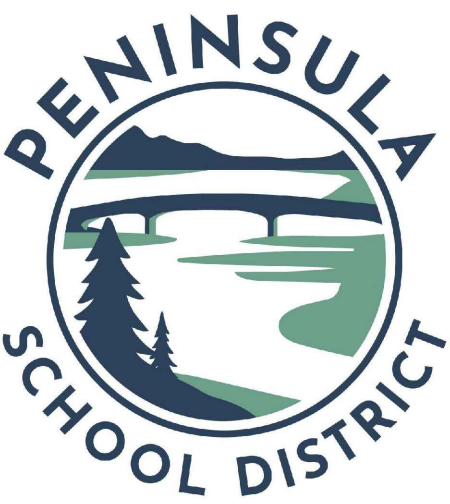
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DATE

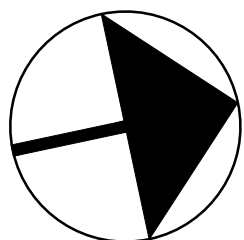




GIG HARBOR
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FIELD & TRACK
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NORTH
0 30' 60'
SCALE: 1" = 30'

BID SET

DATE 2-17-26

SCALE 1"=30'

DRAWN LRB

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WASHWATER
PLAN

SHEET

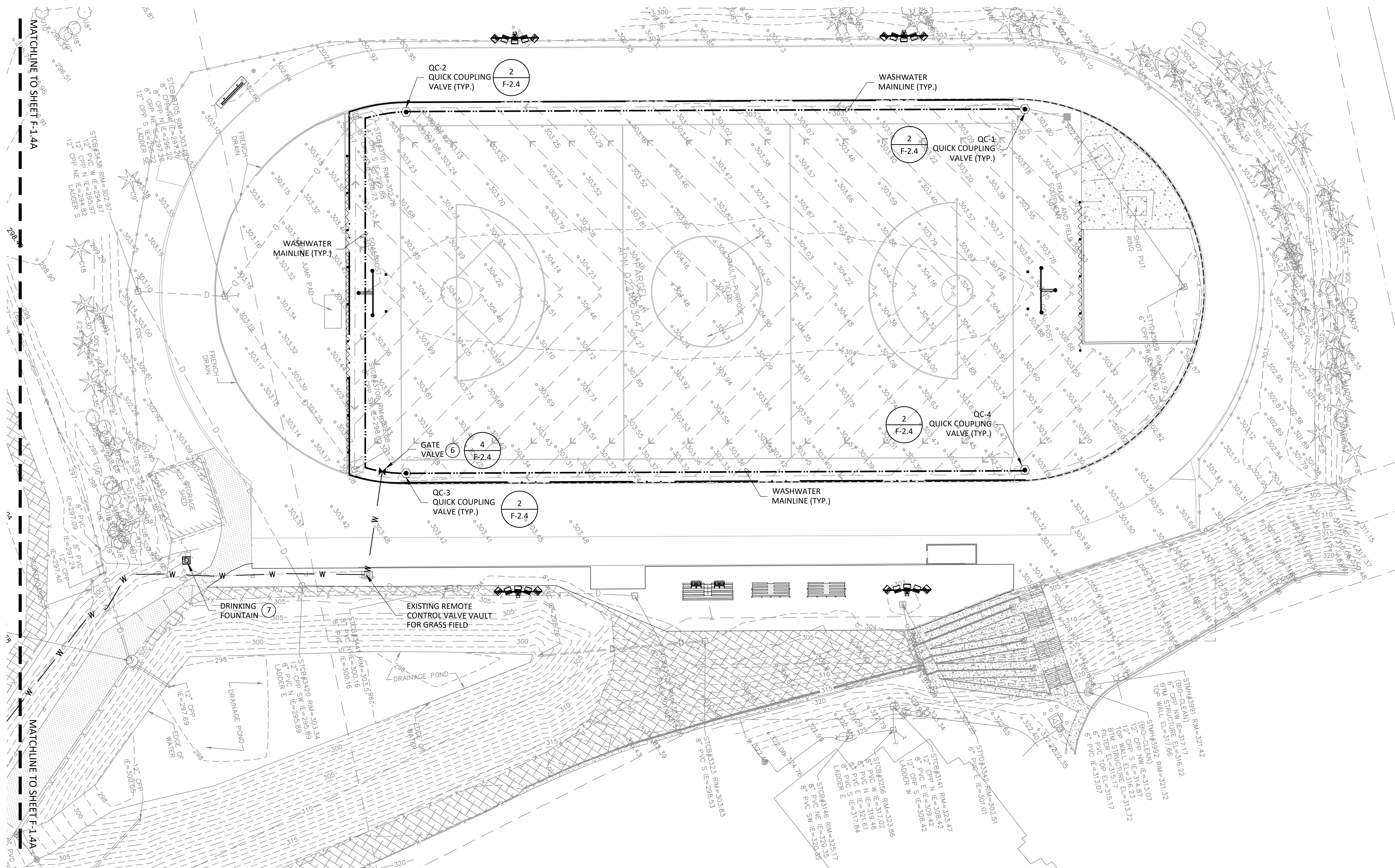
F-1.4



ISSUED FOR CONSTRUCTION BY:

CITY ENGINEER

DATE



IRRIGATION NOTES

- COORDINATE QUICK COUPLING VALVE LOCATIONS TO CORRESPOND TO THE CONCRETE EDGE ANCHOR AT THE SYNTHETIC TURF FIELD.
- THE CONTRACTOR SHALL LOCATE EXISTING ELECTRICAL AND COMMUNICATION CONDUCTORS IN THE FIELD AND VERIFY TO DEPTH WITH THE PROJECT LANDSCAPE ARCHITECT PRIOR TO TRENCHING FOR THE DRAINAGE AND WATER SYSTEMS.
- COORDINATE IRRIGATION PIPING TO AVOID UNDERGROUND UTILITIES.
- COORDINATE IRRIGATION PIPING AND FENCE POSTS TO AVOID CONFLICT.
- ALL IRRIGATION MAINLINES CROSSING UNDER SIDEWALKS, AND ASPHALT DRIVEWAYS SHALL BE SLEEVED. SLEEVES SHALL BE PLACED UNDER ALL DRIVEWAYS, PAVED AREAS, WALKS AISLES, ETC WHERE IRRIGATION MAINLINE CROSS. SLEEVES SHALL BE PVC SCH 40. BURY MINIMUM 24" DEEP. MINIMUM DISTANCE PAST EDGE OF PAVED SURFACE SHALL BE 24". SLEEVES SHALL BE TWICE THE DIAMETER OF THE PIPE BEING SLEEVED. SLEEVES ARE REQUIRED, WHETHER OR NOT INDICATED IN PLAN.
- CONTRACTOR SHALL FIELD LOCATE EXISTING IRRIGATION MAINLINE. CONNECT FIELD WASHWATER LOOP TO SITE IRRIGATION MAINLINE WITH NEW GATE VALVE.
- REMOVE AND REPLACE EXISTING DRINKING FOUNTAIN. UTILIZE EXISTING UTILITY CONNECTIONS AT CURRENT FOUNTAIN.

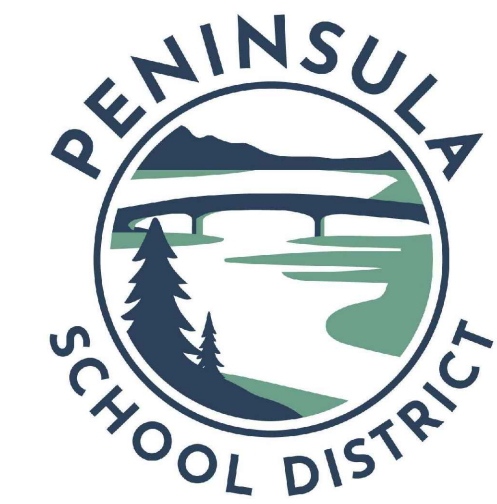
NOTE LEGEND

1. (INDICATES GENERAL CONSTRUCTION NOTE)
3. (INDICATES SPECIFIC CONSTRUCTION KEYNOTE)

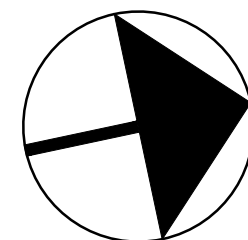
WASHWATER LEGEND

- ☐ DRINKING FOUNTAIN
✕ 2" GATE VALVE AND BOX
● 1" QUICK COUPLER VALVE AND BOX
--- SCH 40 PVC IRRIGATION MAINLINE

M AND H 4067-07 OR
APPROVED EQUAL
RAINBIRD 44LRC W/
LOCKING VINYL LID
2"



GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION



NORTH

0 30' 60'

SCALE: 1" = 30'

BID SET

DATE	2-17-26
SCALE	1"=30'
DRAWN	LRB
CHECKED	JAB
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WASHWATER
PLAN

SHEET

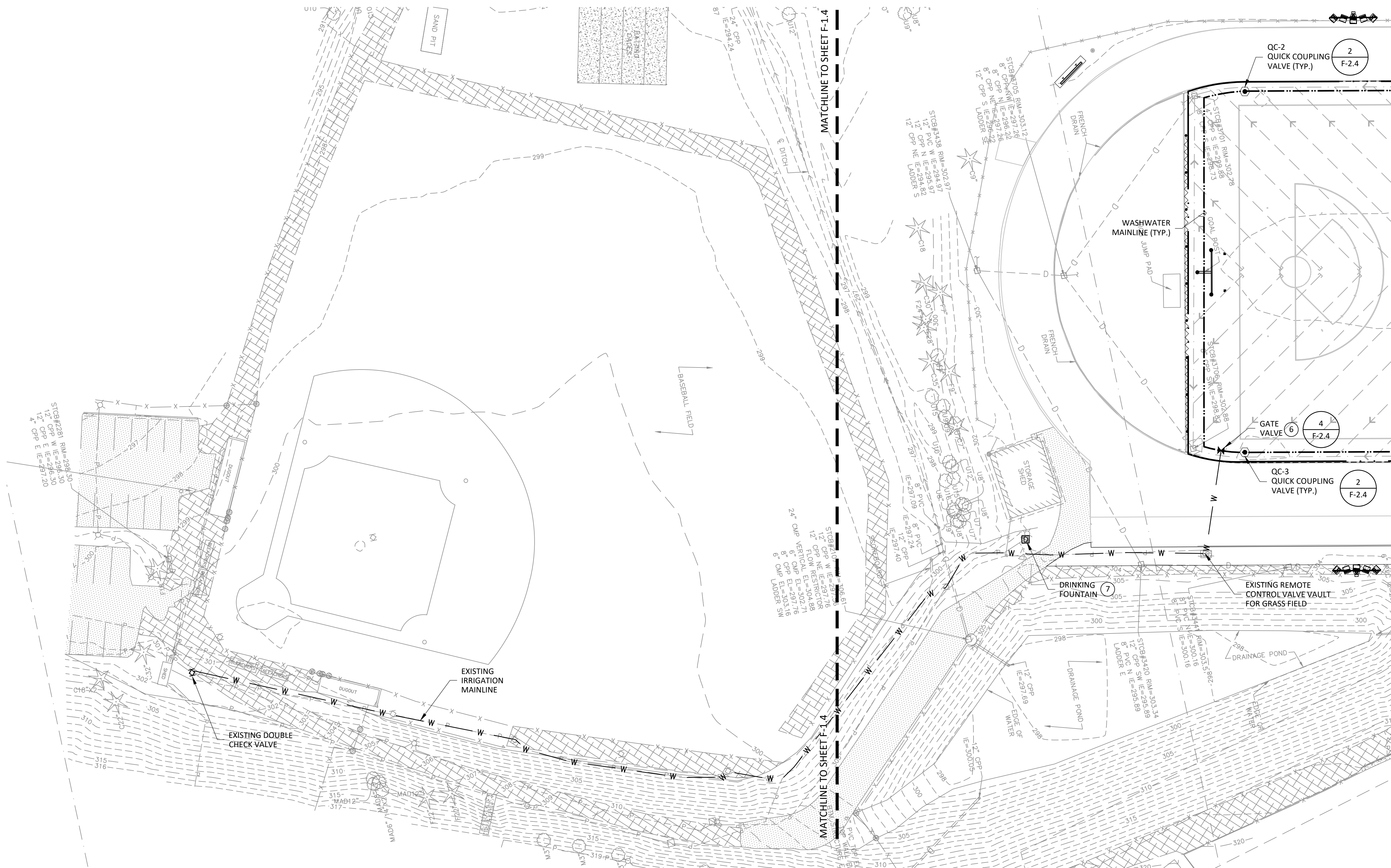
F-1.4A



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CITY ENGINEER

DATE



IRRIGATION NOTES

- COORDINATE QUICK COUPLING VALVE LOCATIONS TO CORRESPOND TO THE CONCRETE EDGE ANCHOR AT THE SYNTHETIC TURF FIELD.
- THE CONTRACTOR SHALL LOCATE EXISTING ELECTRICAL AND COMMUNICATION CONDUCTORS IN THE FIELD AND VERIFY TO DEPTH WITH THE PROJECT LANDSCAPE ARCHITECT PRIOR TO TRENCHING FOR THE DRAINAGE AND WATER SYSTEMS.
- COORDINATE IRRIGATION PIPING TO AVOID UNDERGROUND UTILITIES.
- COORDINATE IRRIGATION PIPING AND FENCE POSTS TO AVOID CONFLICT.
- ALL IRRIGATION MAINLINES CROSSING UNDER SIDEWALKS, AND ASPHALT DRIVEWAYS SHALL BE SLEEVED. SLEEVES SHALL BE PLACED UNDER ALL DRIVEWAYS, PAVED AREAS, WALKS AISLES, ETC WHERE IRRIGATION MAINLINE CROSS. SLEEVES SHALL BE PVC SCH 40. BURY MINIMUM 24" DEEP. MINIMUM DISTANCE PAST EDGE OF PAVED SURFACE SHALL BE 24". SLEEVES SHALL BE TWICE THE DIAMETER OF THE PIPE BEING SLEEVED. SLEEVES ARE REQUIRED, WHETHER OR NOT INDICATED IN PLAN.
- CONTRACTOR SHALL FIELD LOCATE EXISTING IRRIGATION MAINLINE. CONNECT FIELD WASHWATER LOOP TO SITE IRRIGATION MAINLINE WITH NEW GATE VALVE.
- REMOVE AND REPLACE EXISTING DRINKING FOUNTAIN. UTILIZE EXISTING UTILITY CONNECTIONS AT CURRENT FOUNTAIN.

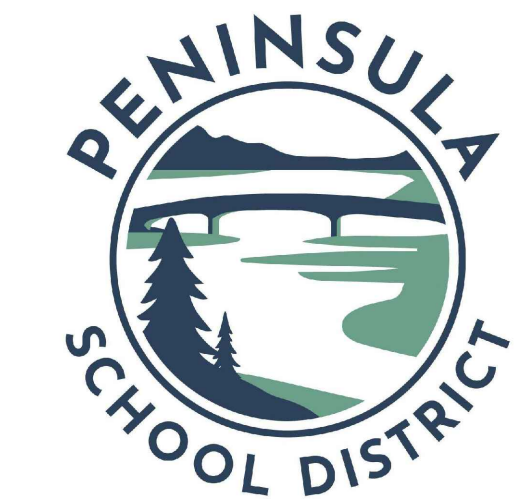
NOTE LEGEND

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3. (INDICATES SPECIFIC CONSTRUCTION KEYNOTE)

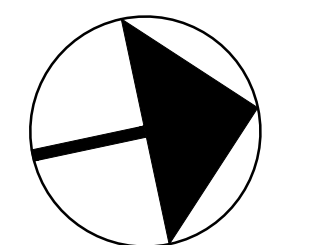
WASHWATER LEGEND

- DRINKING FOUNTAIN
X 2" GATE VALVE AND BOX
● 1" QUICK COUPLER VALVE AND BOX
--- SCH 40 PVC IRRIGATION MAINLINE

M AND H 4067-07 OR
APPROVED EQUAL
RAINBIRD 44LRC W/
LOCKING VINYL LID
2"



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



NORTH
0 30' 60'
SCALE: 1" = 30'

BID SET

DATE	2-17-26
SCALE	1"=30'
DRAWN	LRB
CHECKED	JAB
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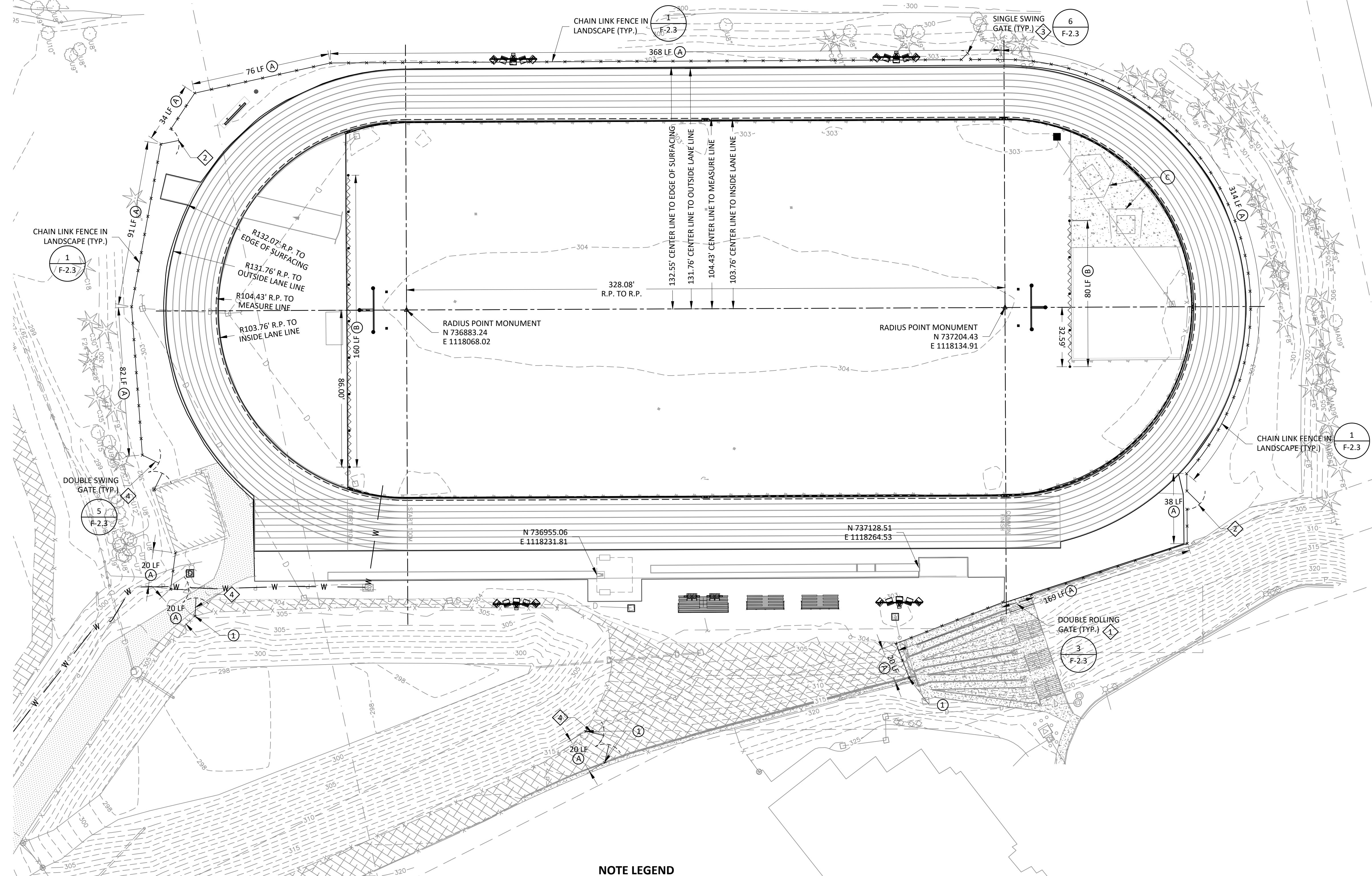
FENCING & DIMENSIONING PLAN

SHEET

F-1.5



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FENCE TYPE KEY

- (A) 8" HEIGHT CHAIN LINK FENCE; 2" MESH x9 GAUGE, TOP, BOTTOM RAIL
- (B) 10' HT. REMOVABLE BALL CONTROL NETTING
- (C) EXISTING DISCUS / SHOT PUT CAGE

GATE TYPE KEY (ALL CHAIN LINK)

- 1 15' DOUBLE ROLLING GATE (2 x 7.5')
- 2 10' SINGLE SWING
- 3 5' SINGLE SWING GATE
- 4 20' DOUBLE SWING GATE (2 X 10')

FENCING NOTES

- 1 END FENCE. MEET AND MATCH EXISTING FENCE TO PROVIDE SECURE ENCLOSURE
- 2 FENCE ADJACENT TO PROPERTY LINE TO BE LOCATED 12" INSIDE PROPERTY LINE
- 3. GATE LOCATIONS ARE SHOWN APPROXIMATE.
- 4. GATES TO BE CENTERED AT PERPENDICULAR PATHWAYS WHEN OCCURS.
- 5. ALL GATES ARE LOCKABLE.
- 6. INSTALL LOCK BACK POST ON ALL SWING GATES.

NOTE LEGEND

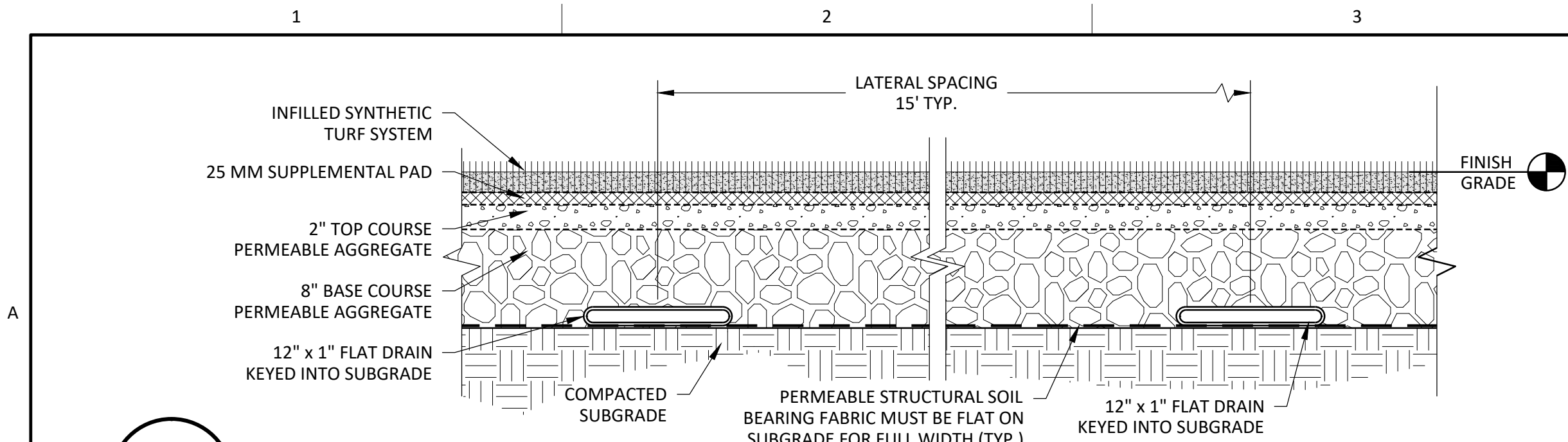
- 1 (INDICATES GENERAL CONSTRUCTION NOTE)
- 3 (INDICATES SPECIFIC CONSTRUCTION KEYNOTE)

FENCING LEGEND

- CHAIN LINK FENCE AND CONCRETE CURB
- CHAINLINK FENCE
- CONCRETE CURBING
- ROLLING GATE
- DOUBLE SWING GATE
- CATCH BASIN INLET (C.B.I.) TYPE 1
- EXISTING FENCE TO REMAIN
- FENCE TYPE AND LIMIT
- GATE TYPE

LAYOUT CONTROL NOTES

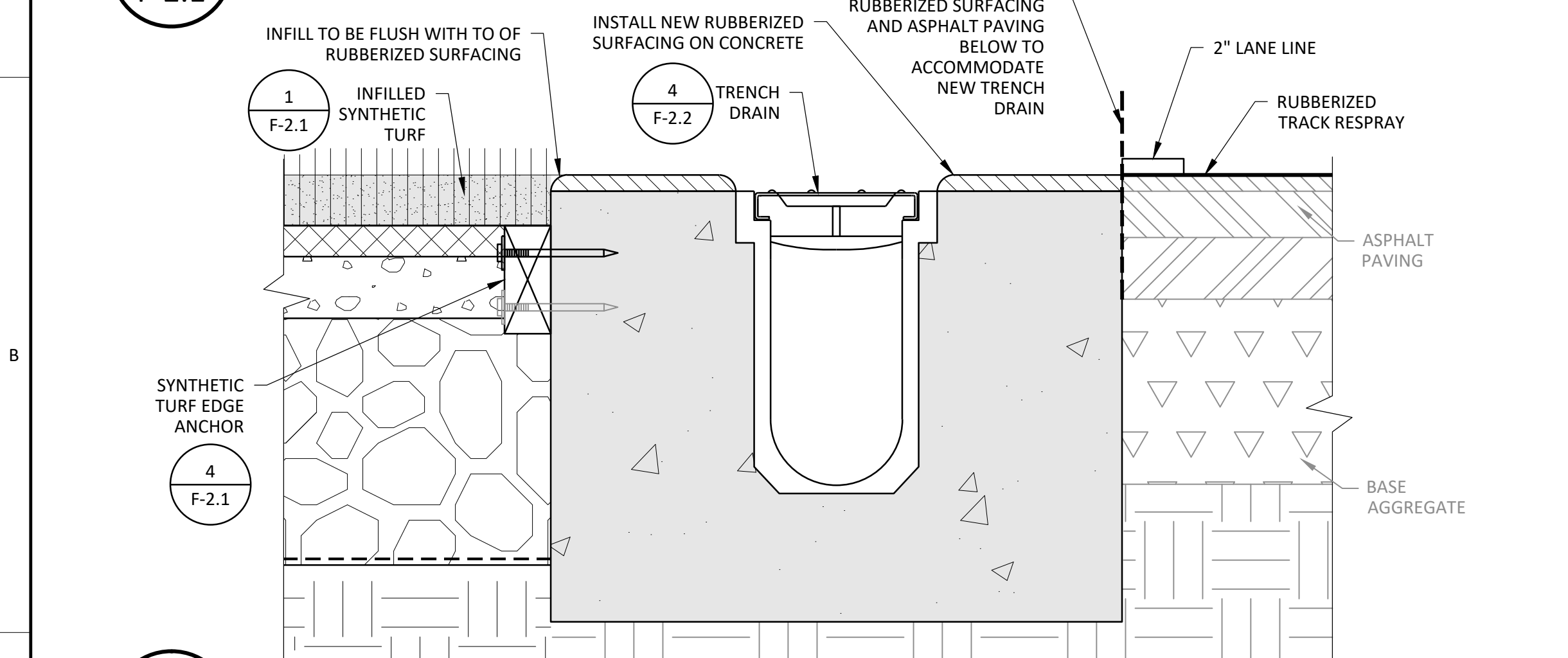
- 1. DIMENSIONS INDICATED ARE TYPICALLY TO FACE OF CURB/WALL OR EDGE OF PAVEMENT.
- 2. CONTRACTOR WILL BE FURNISHED AUTOCAD FILES USED FOR DESIGN FOR USE DURING CONSTRUCTION.
- 3. TRACK RADII POINTS ARE THE INITIAL SETUP POINTS FOR WORK IN THIS AREA. IN THE EVENT OF A CONFLICT, ALL OTHER POINTS SHOULD BE CONSIDERED RELATIVE.
- 4. EXACT PATHWAY LAYOUT TO BE FIELD CONFIRMED BY LANDSCAPE ARCHITECT.



1 SYNTHETIC TURF FIELD SECTION

F-2.1

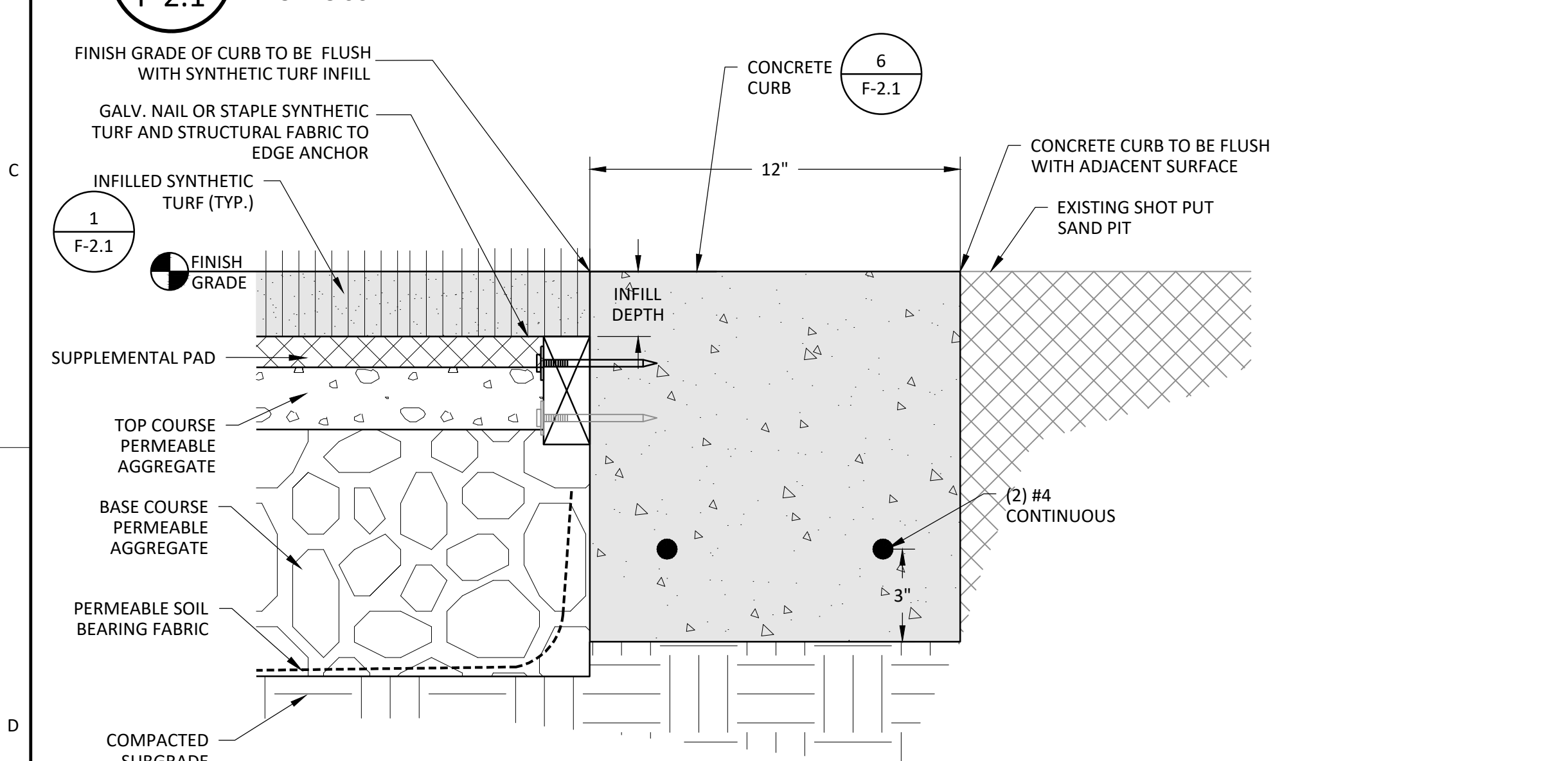
NOT TO SCALE



2 EDGE ANCHOR AT TRENCH DRAIN

F-2.1

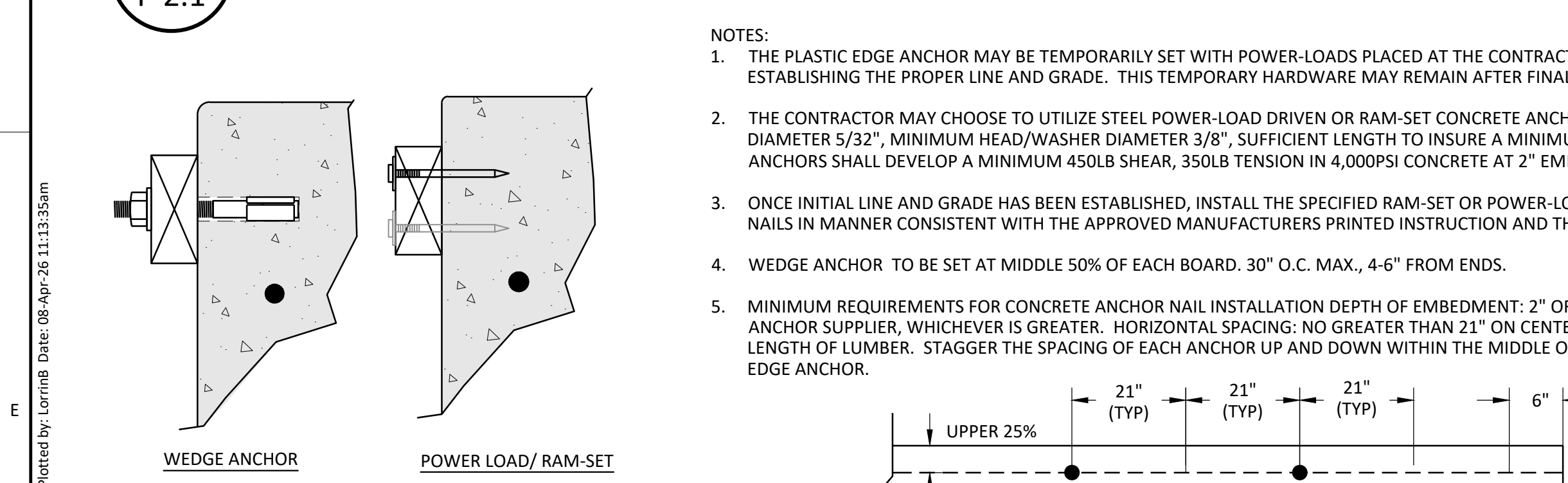
NOT TO SCALE



3 EDGE ANCHOR AT CONCRETE CURB

F-2.1

NOT TO SCALE



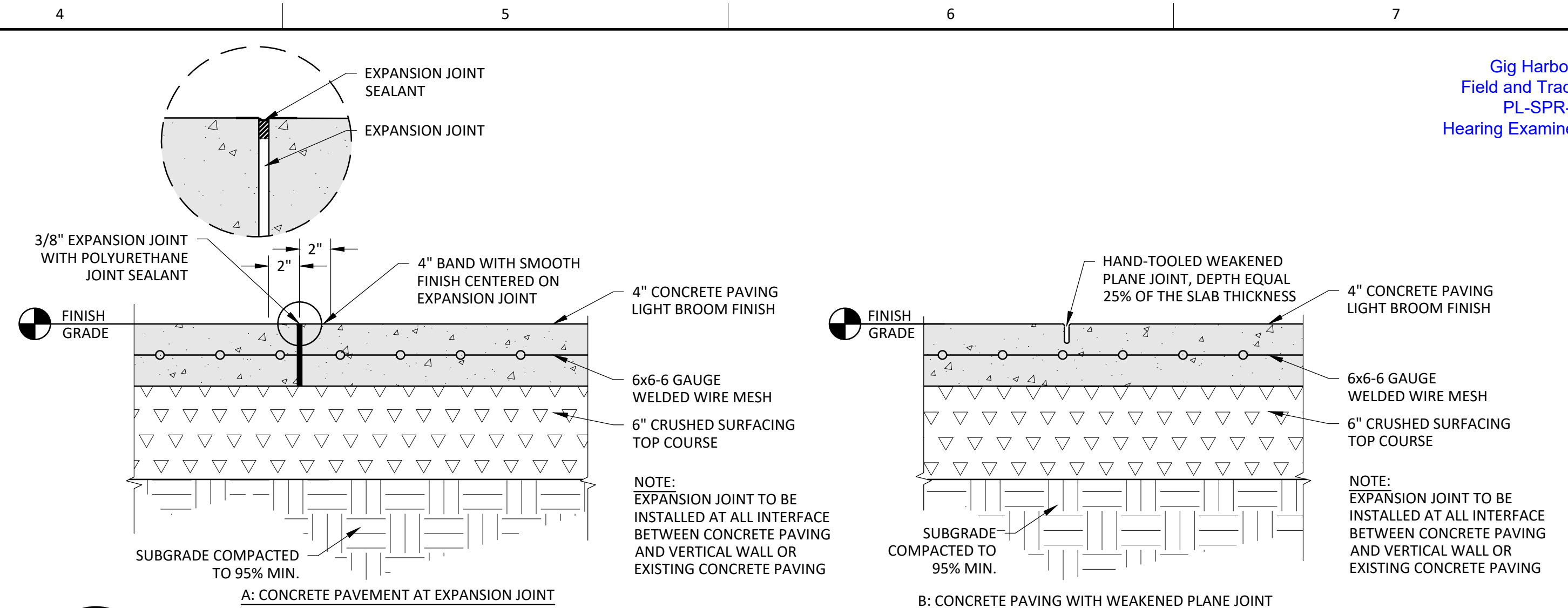
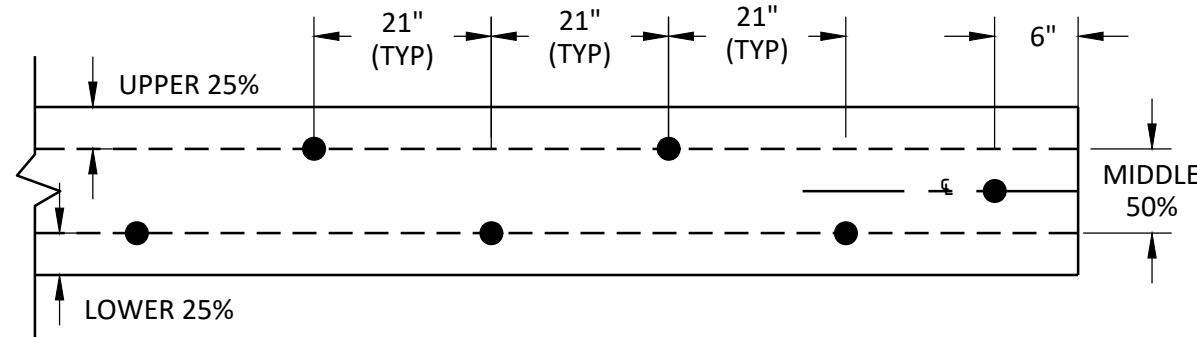
4 SYNTHETIC TURF EDGE ANCHOR NOTE

F-2.1

NOT TO SCALE

NOTES:

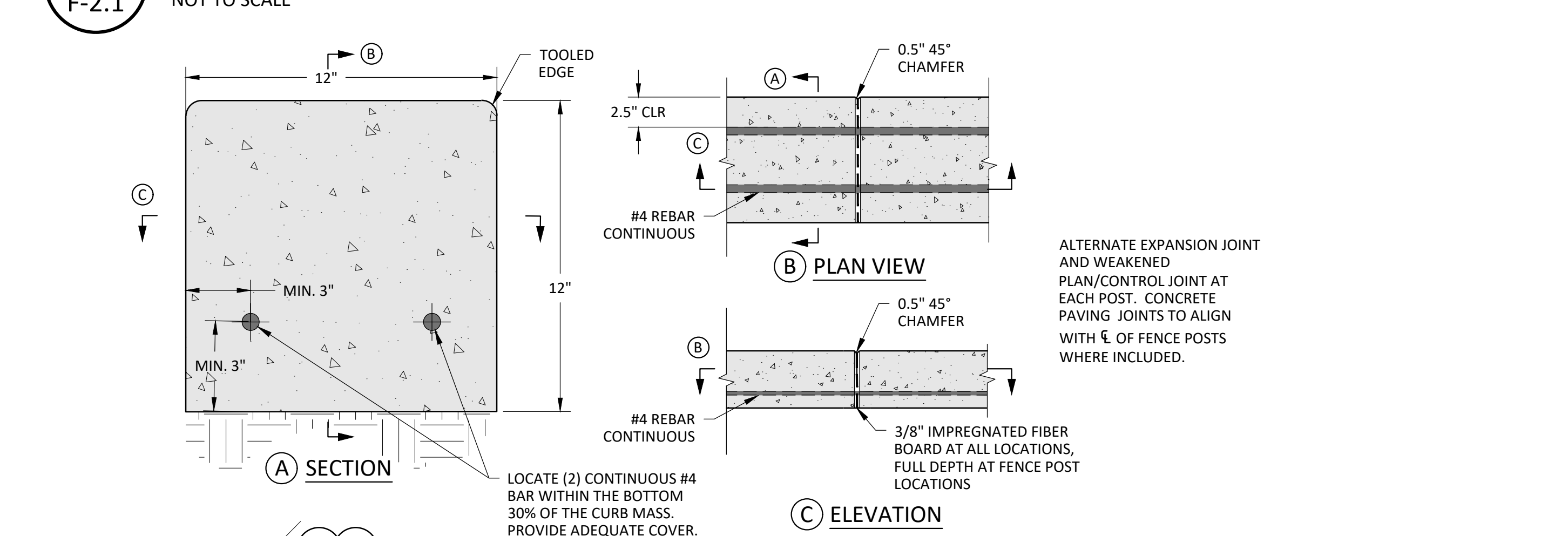
1. THE PLASTIC EDGE ANCHOR MAY BE TEMPORARILY SET WITH POWER-LOADS PLACED AT THE CONTRACTORS OPTION TO ASSIST IN ESTABLISHING THE PROPER LINE AND GRADE. THIS TEMPORARY HARDWARE MAY REMAIN AFTER FINAL INSTALLATION.
2. THE CONTRACTOR MAY CHOOSE TO UTILIZE STEEL POWER-LOAD DRIVEN OR RAM-SET CONCRETE ANCHOR NAILS, MINIMUM SHANK DIAMETER 5/32", MINIMUM HEAD/WASHER DIAMETER 3/8", SUFFICIENT LENGTH TO INSURE A MINIMUM 2" EMBEDMENT. INDIVIDUAL ANCHORS SHALL DEVELOP A MINIMUM 450LB SHEAR, 350LB TENSION IN 4,000PSI CONCRETE AT 2" EMBEDMENT.
3. ONCE INITIAL LINE AND GRADE HAS BEEN ESTABLISHED, INSTALL THE SPECIFIED RAM-SET OR POWER-LOAD DRIVEN CONCRETE ANCHORING NAILS IN MANNER CONSISTENT WITH THE APPROVED MANUFACTURERS PRINTED INSTRUCTION AND THE SPECIFIED SPACING.
4. WEDGE ANCHOR TO BE SET AT MIDDLE 50% OF EACH BOARD. 30" O.C. MAX., 4-6" FROM ENDS.
5. MINIMUM REQUIREMENTS FOR CONCRETE ANCHOR NAIL INSTALLATION DEPTH OF EMBEDMENT: 2" OR AS RECOMMENDED BY THE ANCHOR SUPPLIER, WHICHEVER IS GREATER. HORIZONTAL SPACING: NO GREATER THAN 21" ON CENTER AND 6" FROM END OF ANY LENGTH OF LUMBER. STAGGER THE SPACING OF EACH ANCHOR UP AND DOWN WITHIN THE MIDDLE ONE-HALF THE FACE OF THE RECYCLED EDGE ANCHOR.



5 CONCRETE PAVING

F-2.1

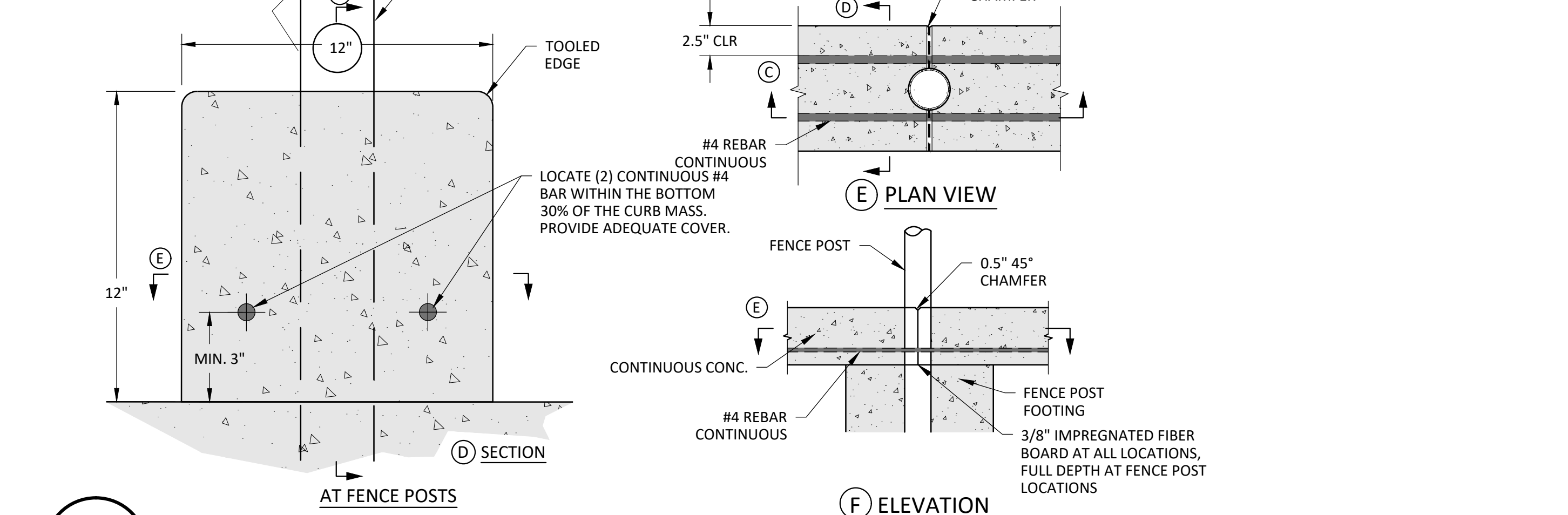
NOT TO SCALE



6 CONCRETE CURB & EXPANSION JOINT

F-2.1

NOT TO SCALE



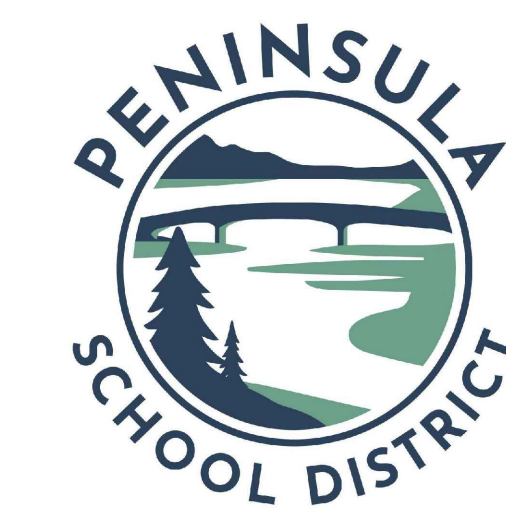
7 RUBBERIZED SURFACE OVER CONCRETE PAVING

F-2.1

NOT TO SCALE

Gig Harbor High School
Field and Track Renovation
PL-SPR-26-0011 et al
Hearing Examiner 06.16.2026
Exhibit 1

REVISION	DATE



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



BID SET
DATE 2-17-26
SCALE AS SHOWN
DRAWN LRB
CHECKED JAB
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TYPICAL SECTIONS

SHEET

F-2.1



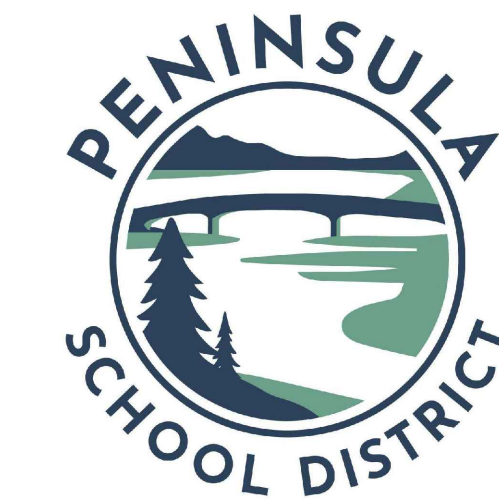
"THE MARITIME CITY"

ISSUED FOR CONSTRUCTION BY:

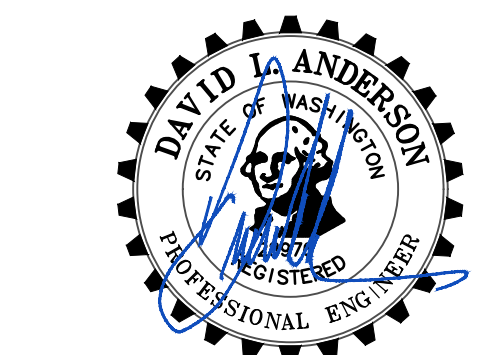
CITY ENGINEER

DATE

File: F-2.1 Typical Sections.dwg Plotted by: LorrinB Date: 08-Apr-26 11:13:58am



GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION



BID SET

DATE	2-17-26
SCALE	AS SHOWN
DRAWN	LRB
CHECKED	JAB
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DRAINAGE
DETAILS

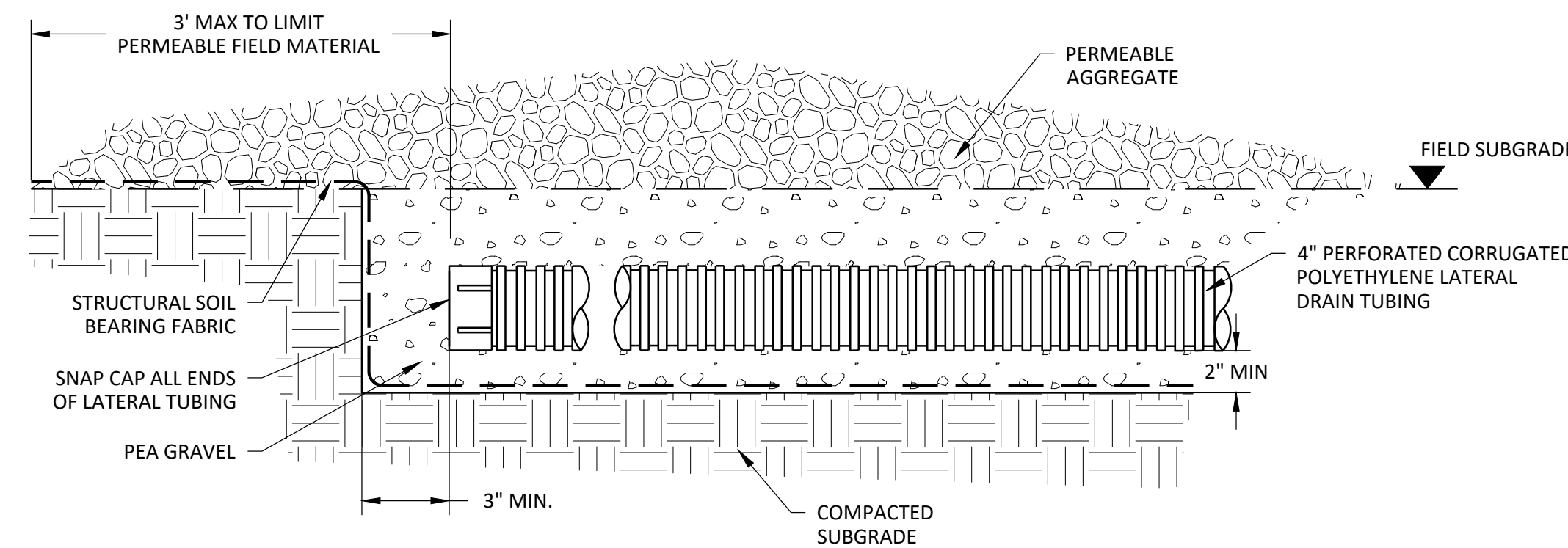
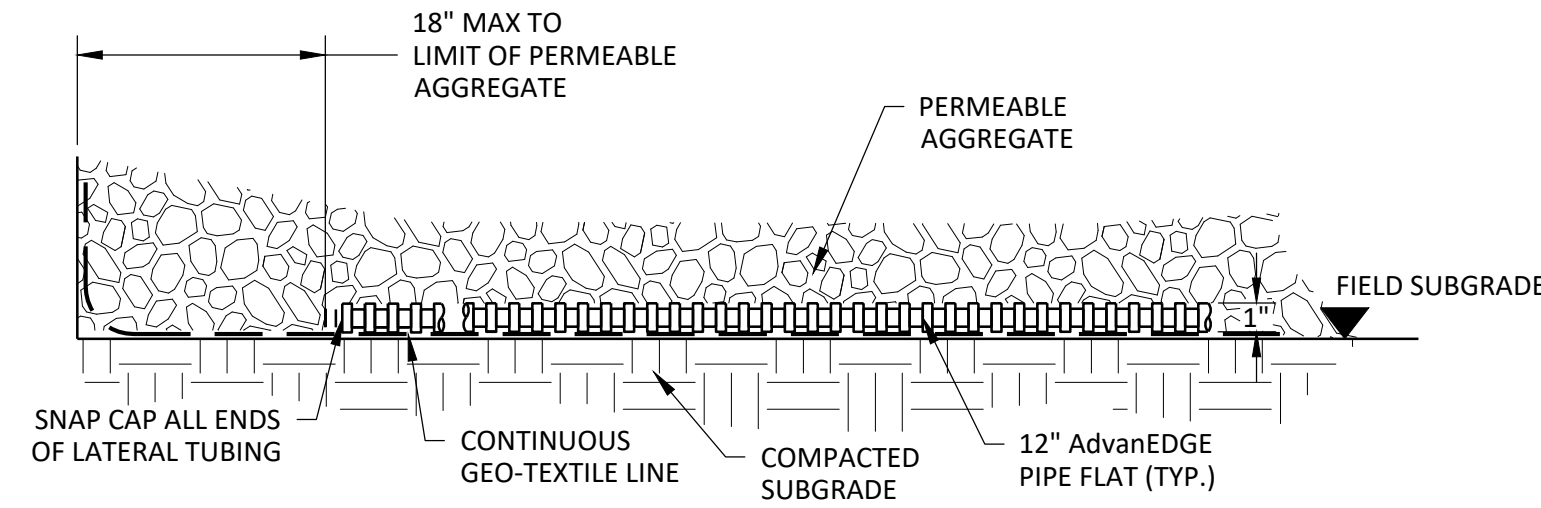
SHEET

F-2.2

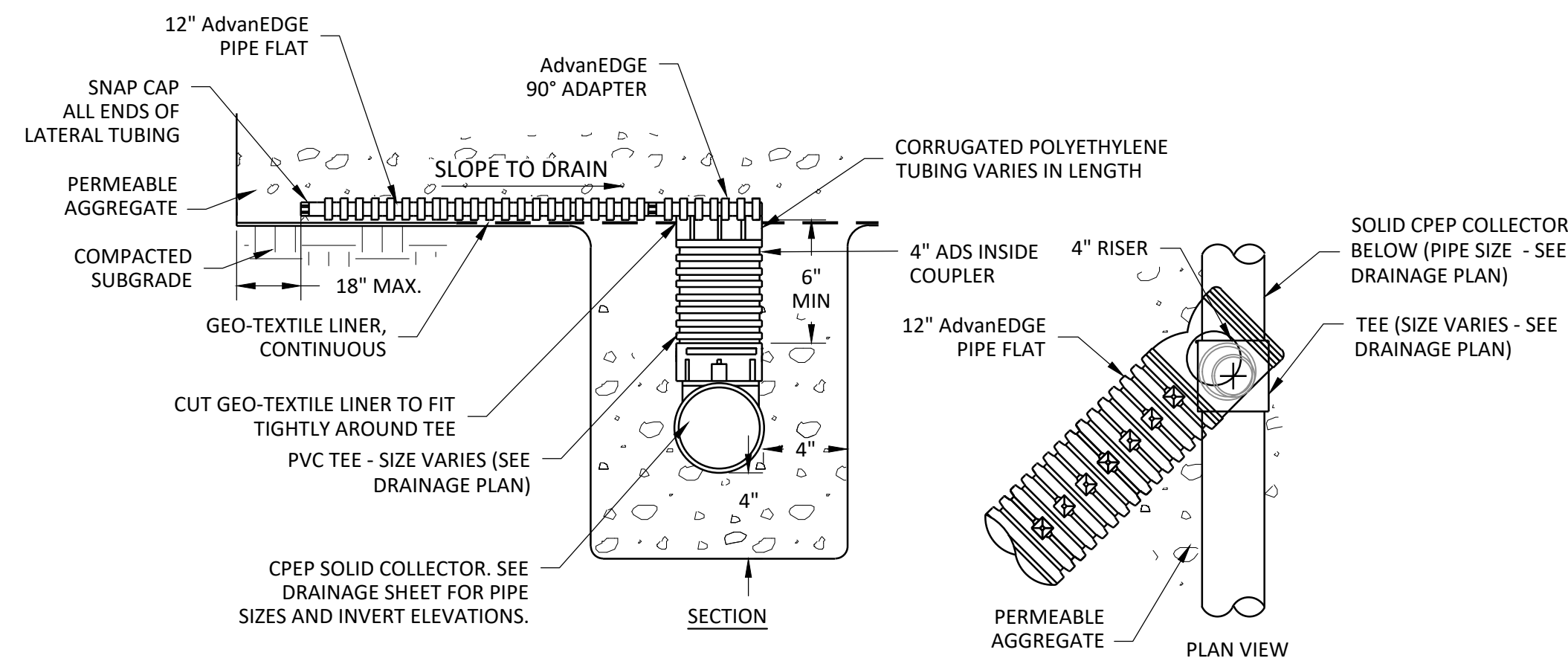


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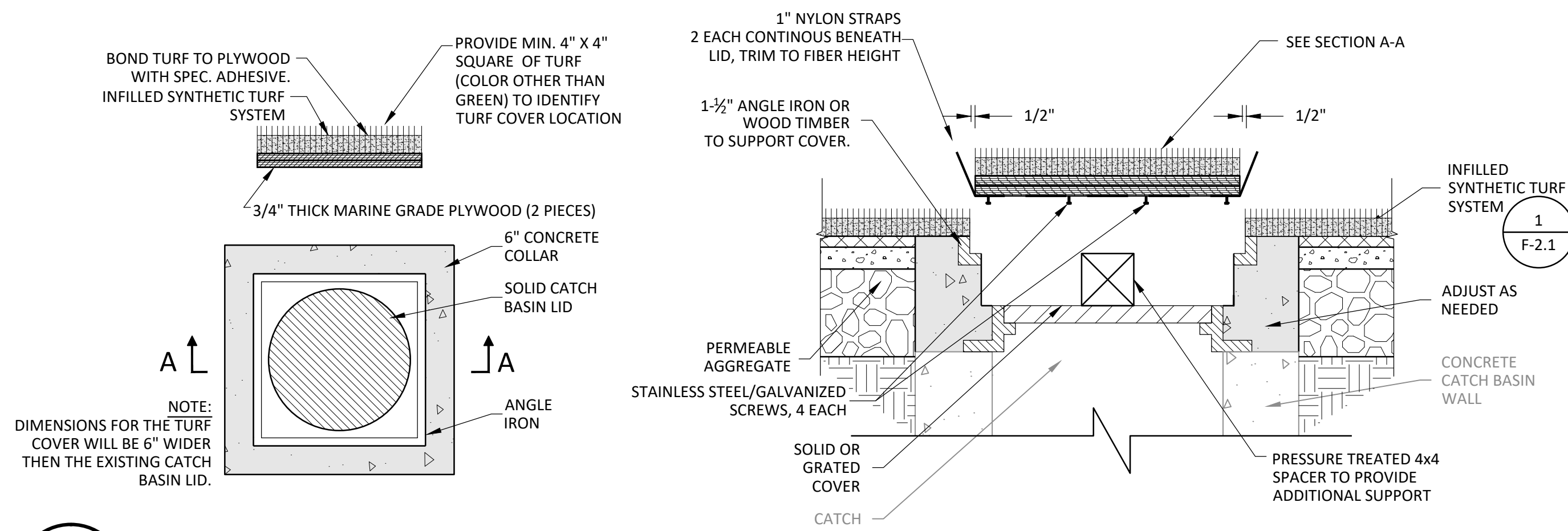
CITY ENGINEER
DATE



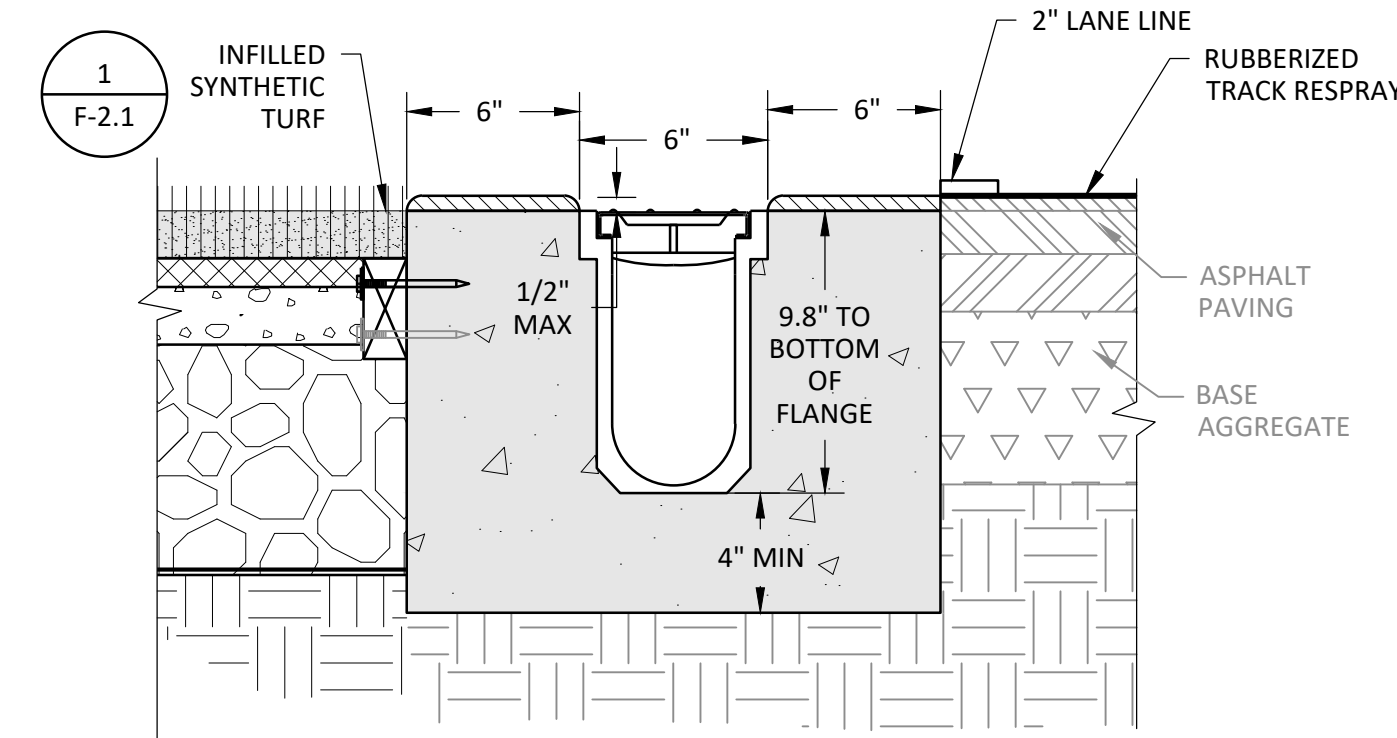
1
F-2.2
SUBSURFACE DRAINAGE LATERAL
NOT TO SCALE



2
F-2.2
SUBSURFACE LATERAL CONNECTION
NOT TO SCALE

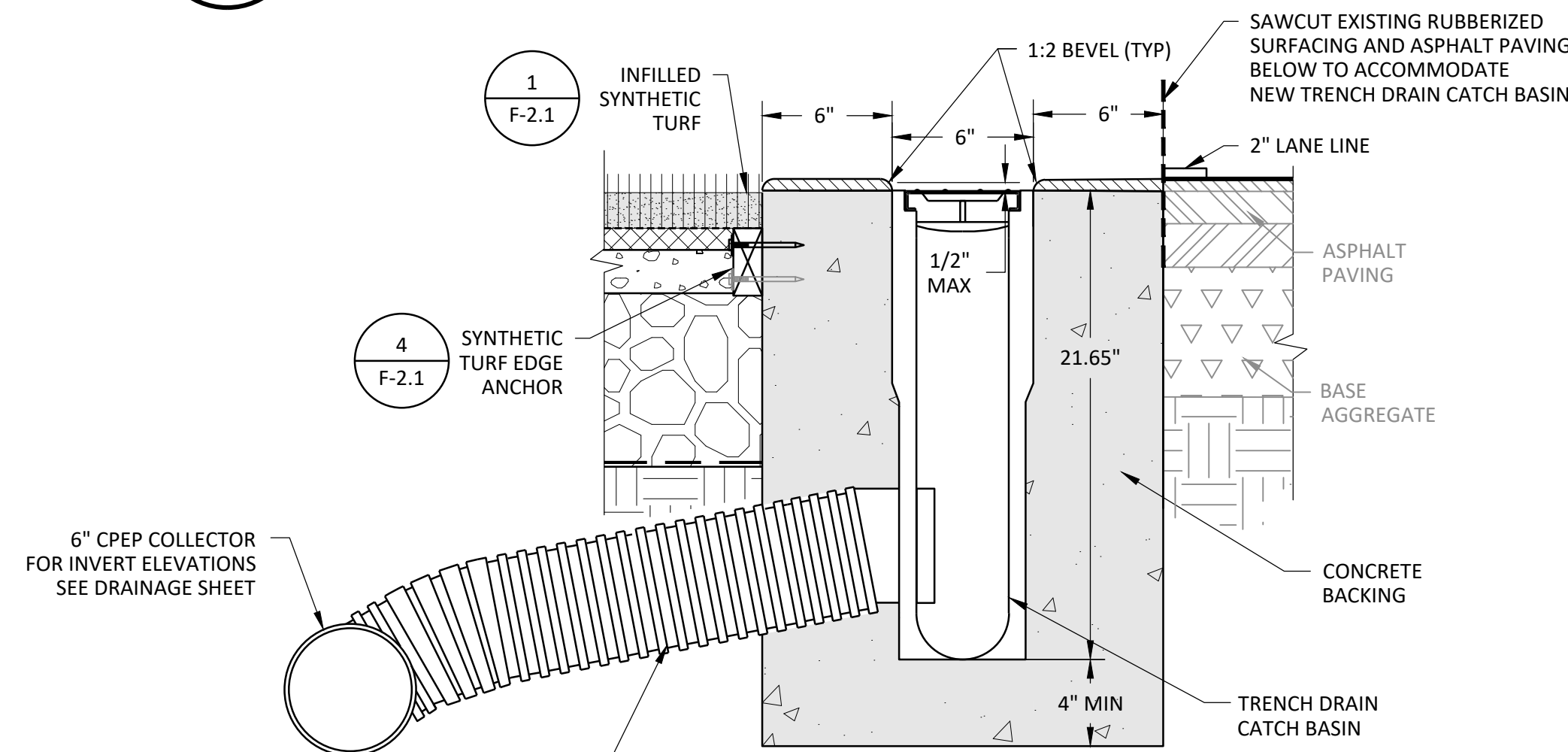


3
F-2.2
SYNTHETIC TURF CATCH BASIN COVER
NOT TO SCALE

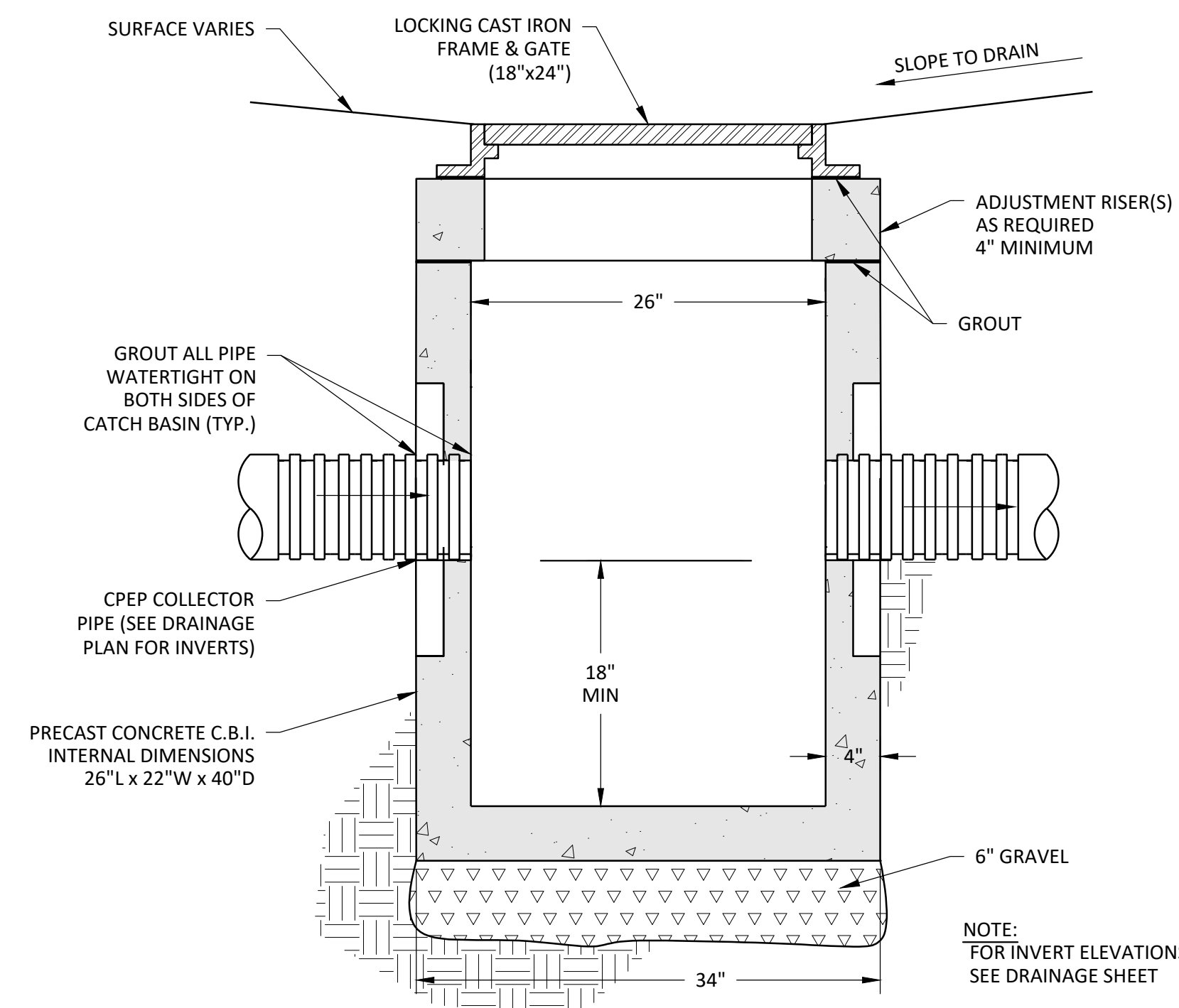


1
F-2.1
MAXIMUM GRATE OPENINGS TO BE 3/4\"/>

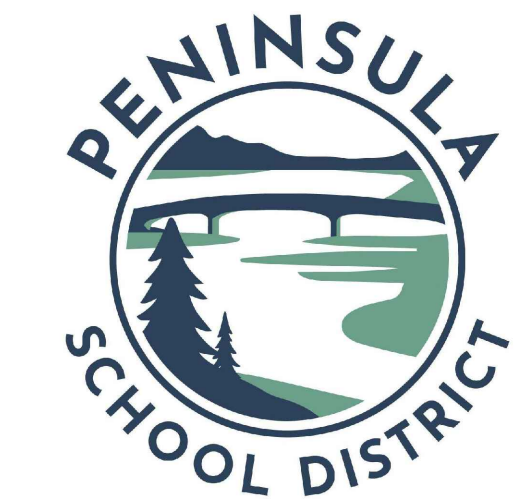
4
F-2.2
TRENCH DRAIN
NOT TO SCALE



5
F-2.2
TRENCH DRAIN CATCH BASIN
NOT TO SCALE



6
F-2.2
TYPE 1 CATCH BASIN
NOT TO SCALE



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



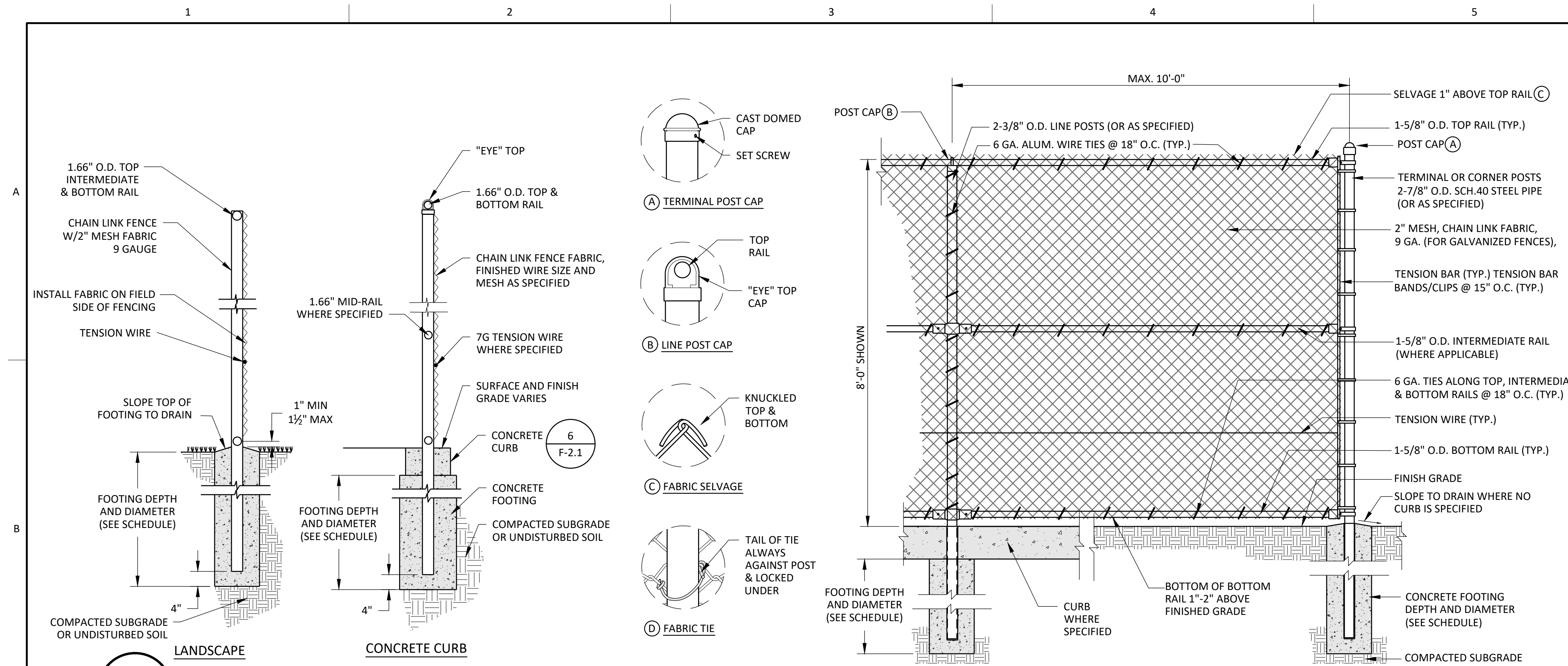
BID SET

DATE	2-17-26
SCALE	AS SHOWN
DRAWN	LRB
CHECKED	JAB
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FENCE DETAILS

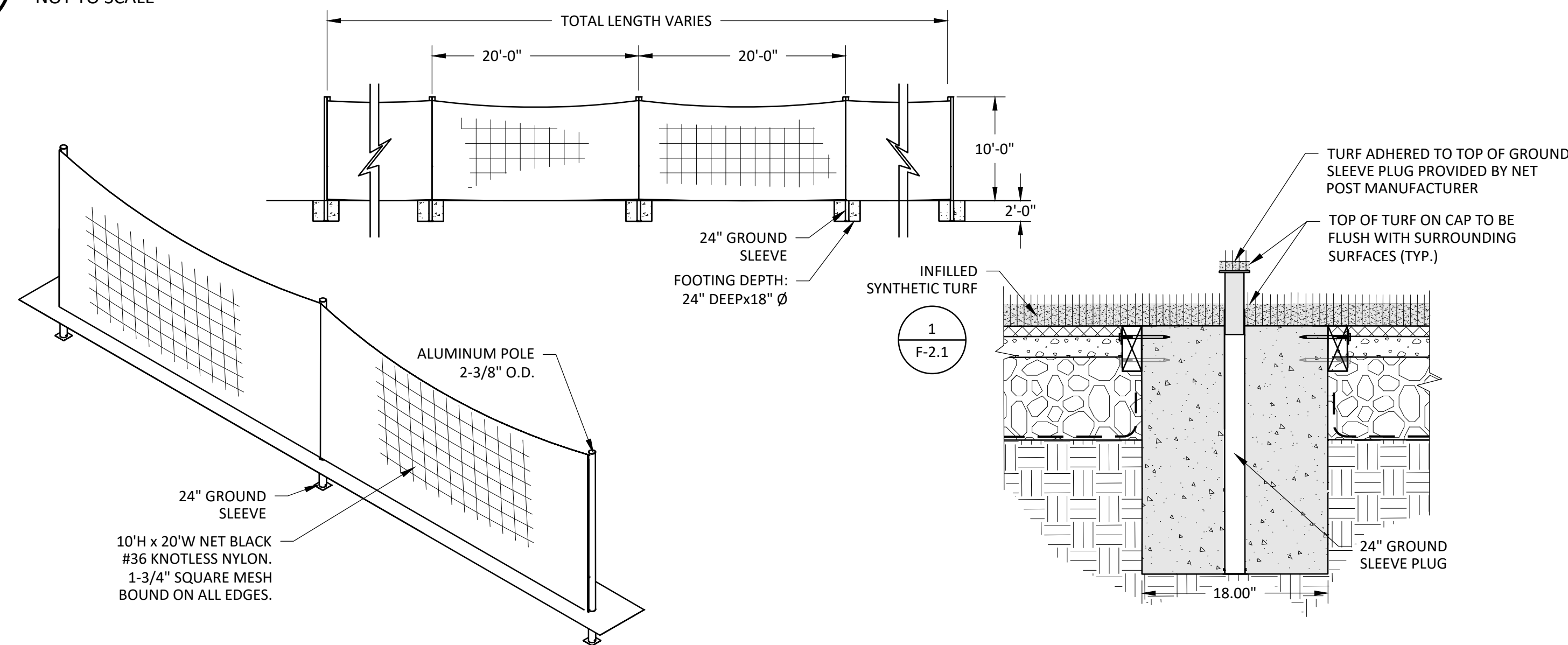
SHEET

F-2.3



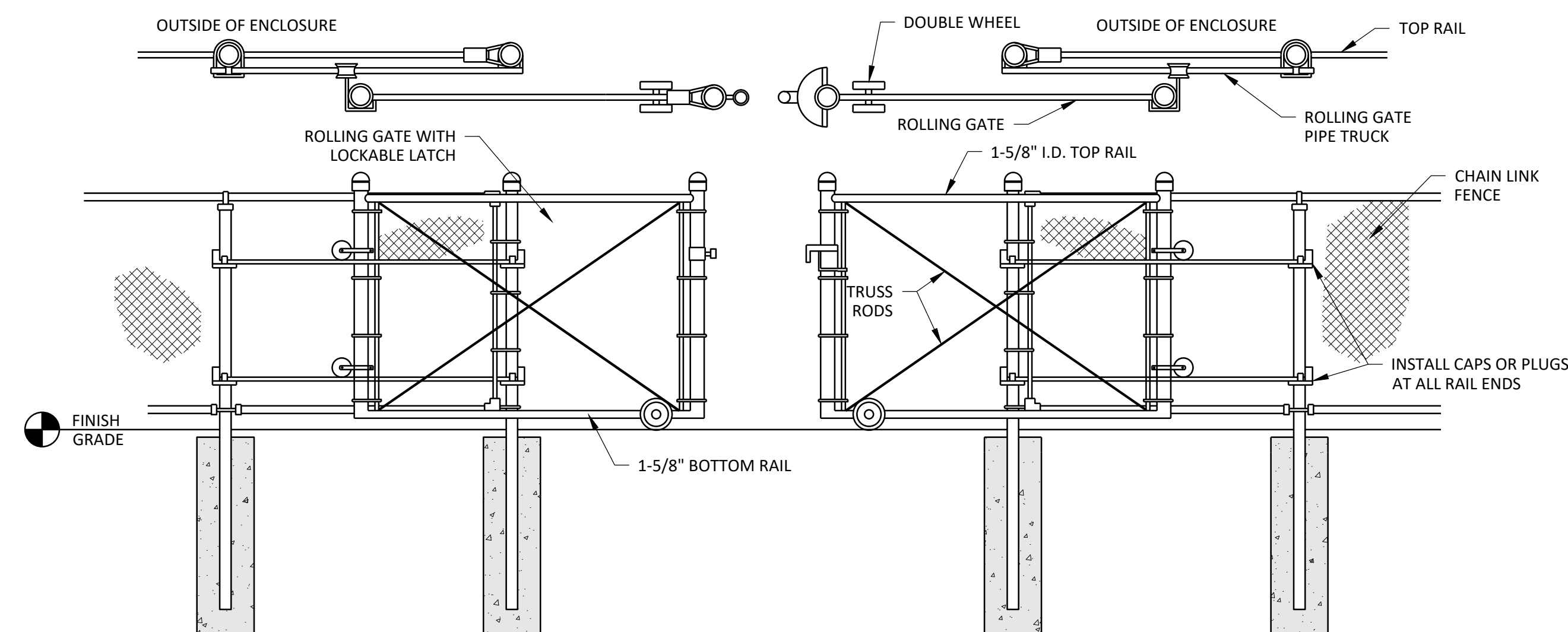
1 CHAIN LINK FENCING ELEVATION & SECTION

F-2.3 NOT TO SCALE



2 10' BALL CONTROL NETTING

F-2.3 NOT TO SCALE

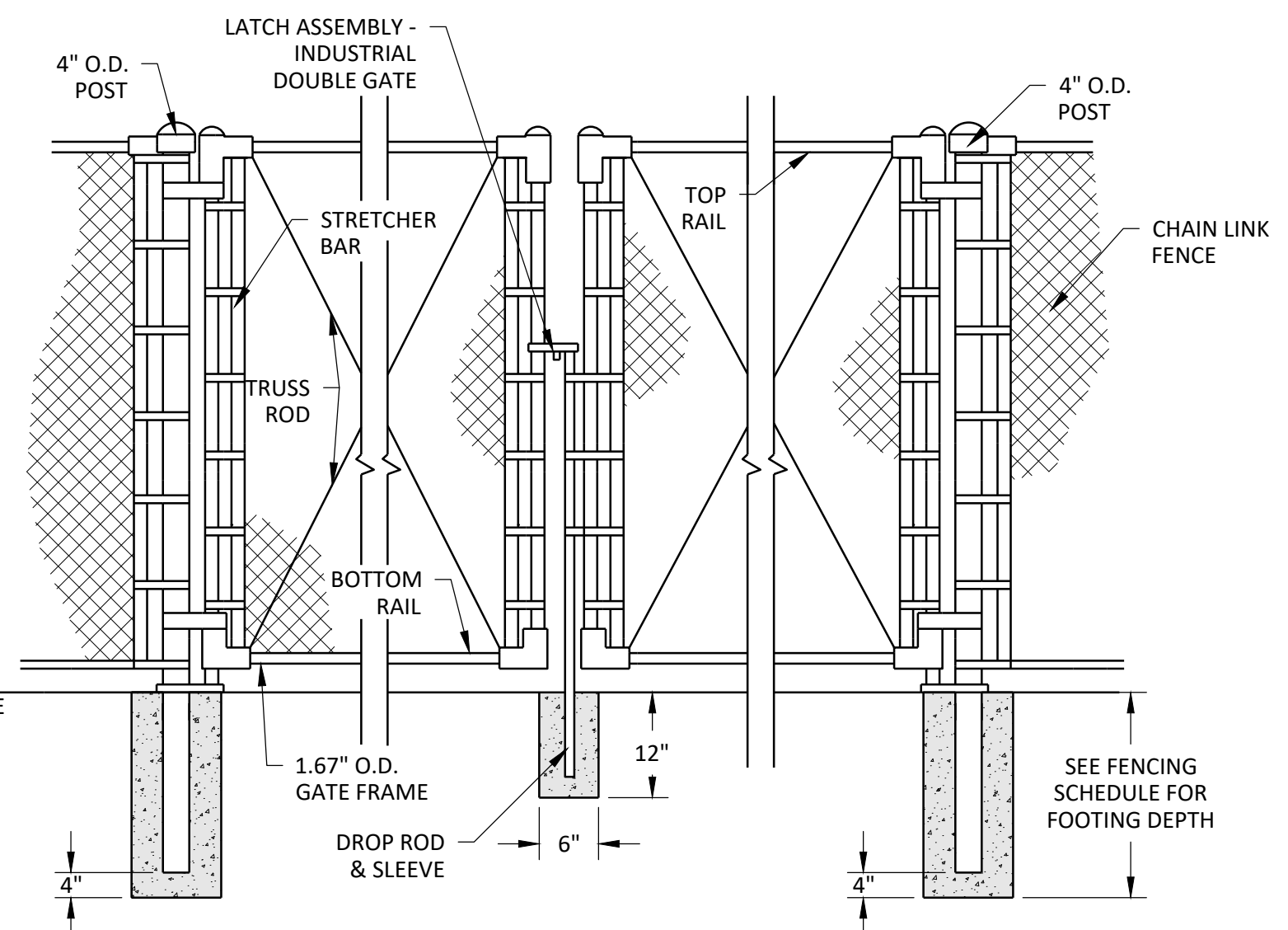


3 DOUBLE ROLLING GATE

F-2.3 NOT TO SCALE

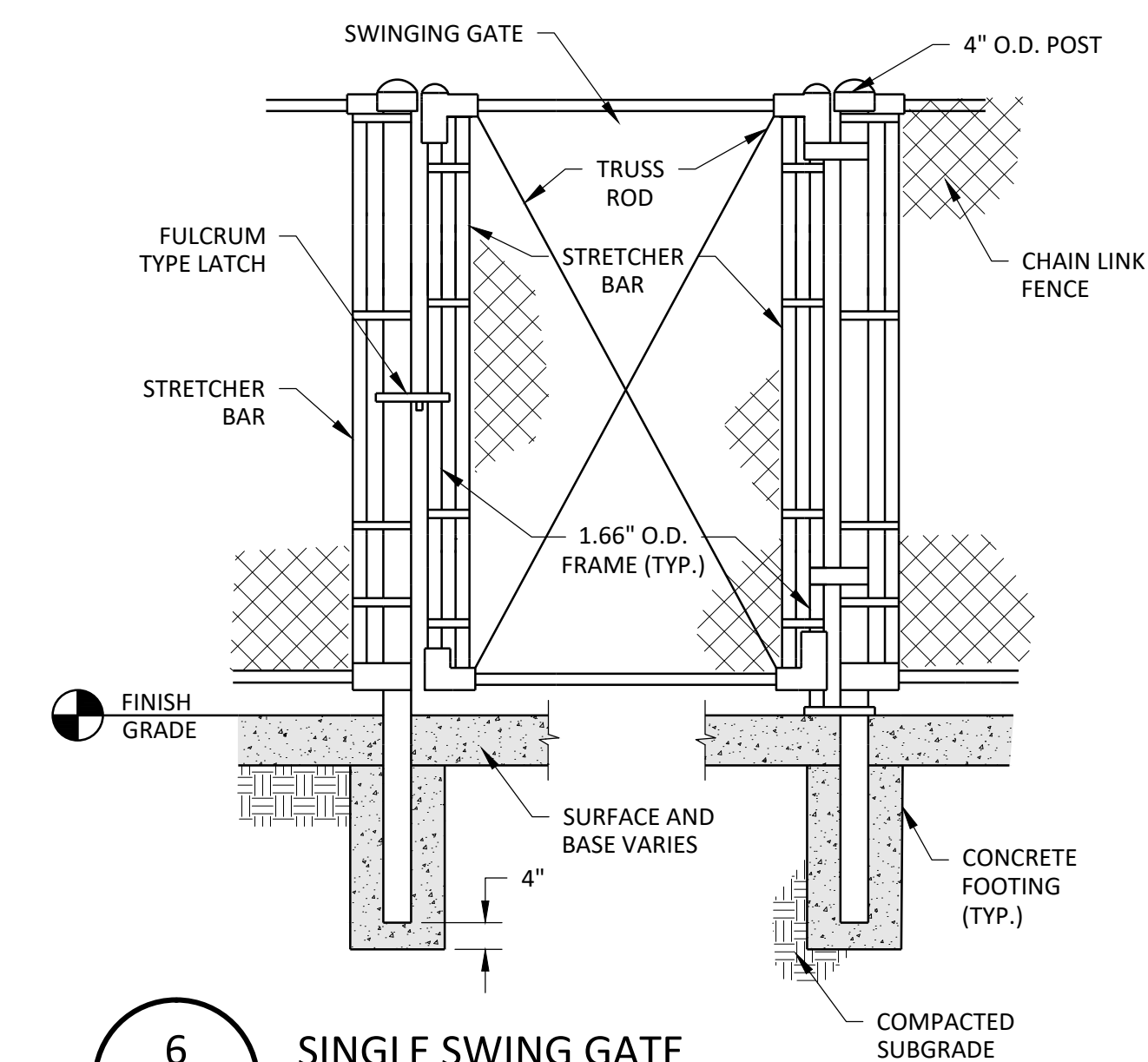
4 CHAIN LINK SCHEDULE

F-2.3 NOT TO SCALE



5 DOUBLE SWING GATE

F-2.3 NOT TO SCALE



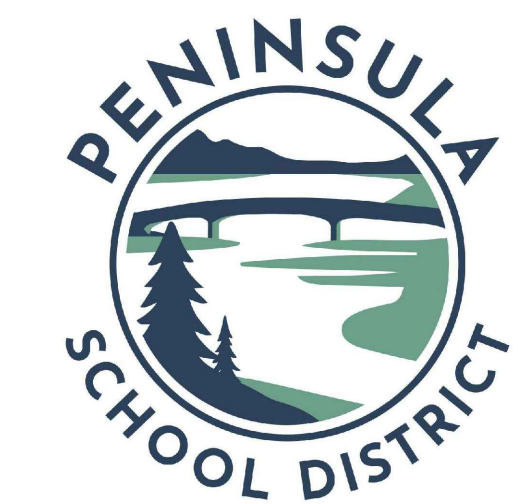
6 SINGLE SWING GATE

F-2.3 NOT TO SCALE



ISSUED FOR CONSTRUCTION BY:

CITY ENGINEER
DATE



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



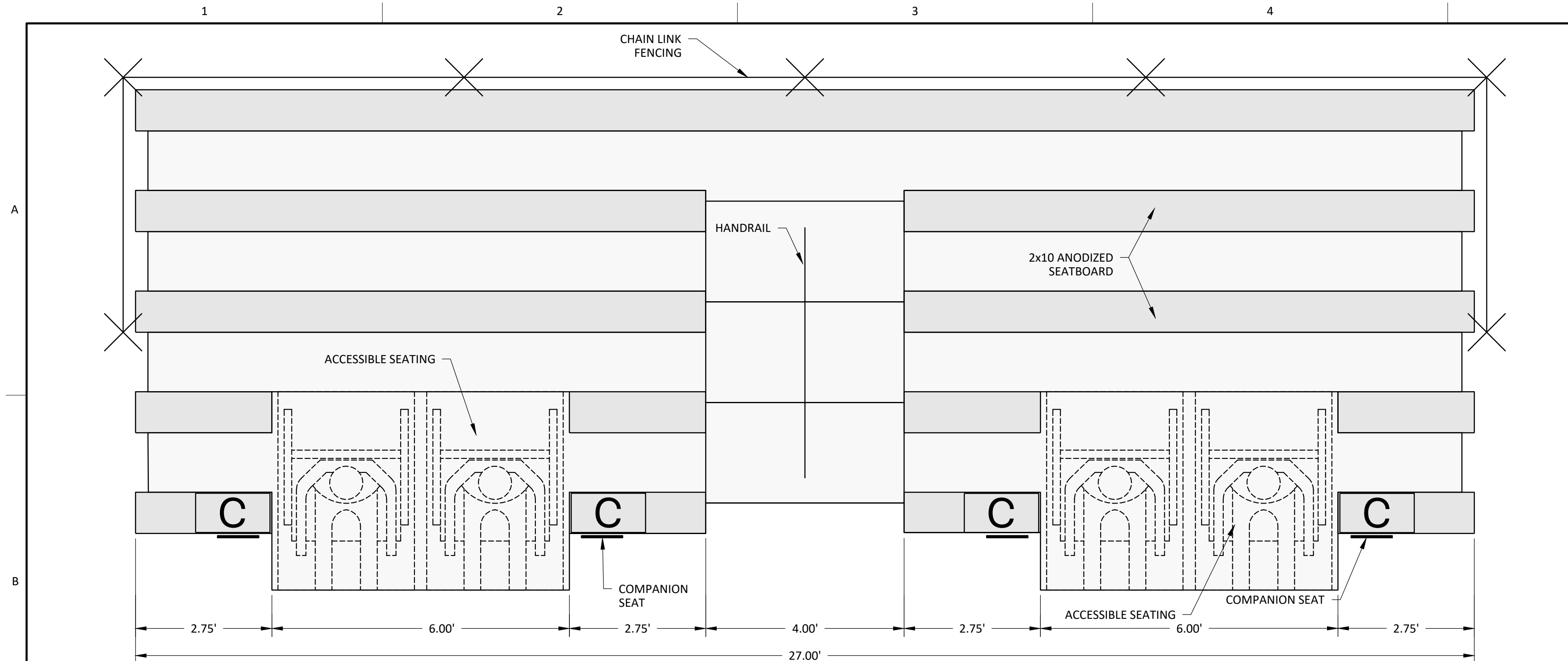
BID SET

DATE	2-17-26
SCALE	AS SHOWN
DRAWN	LRB
CHECKED	JAB
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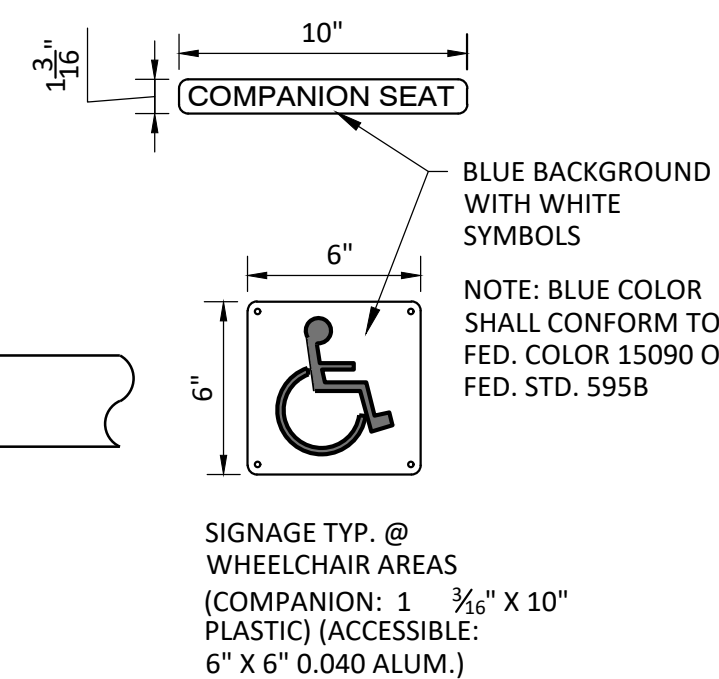
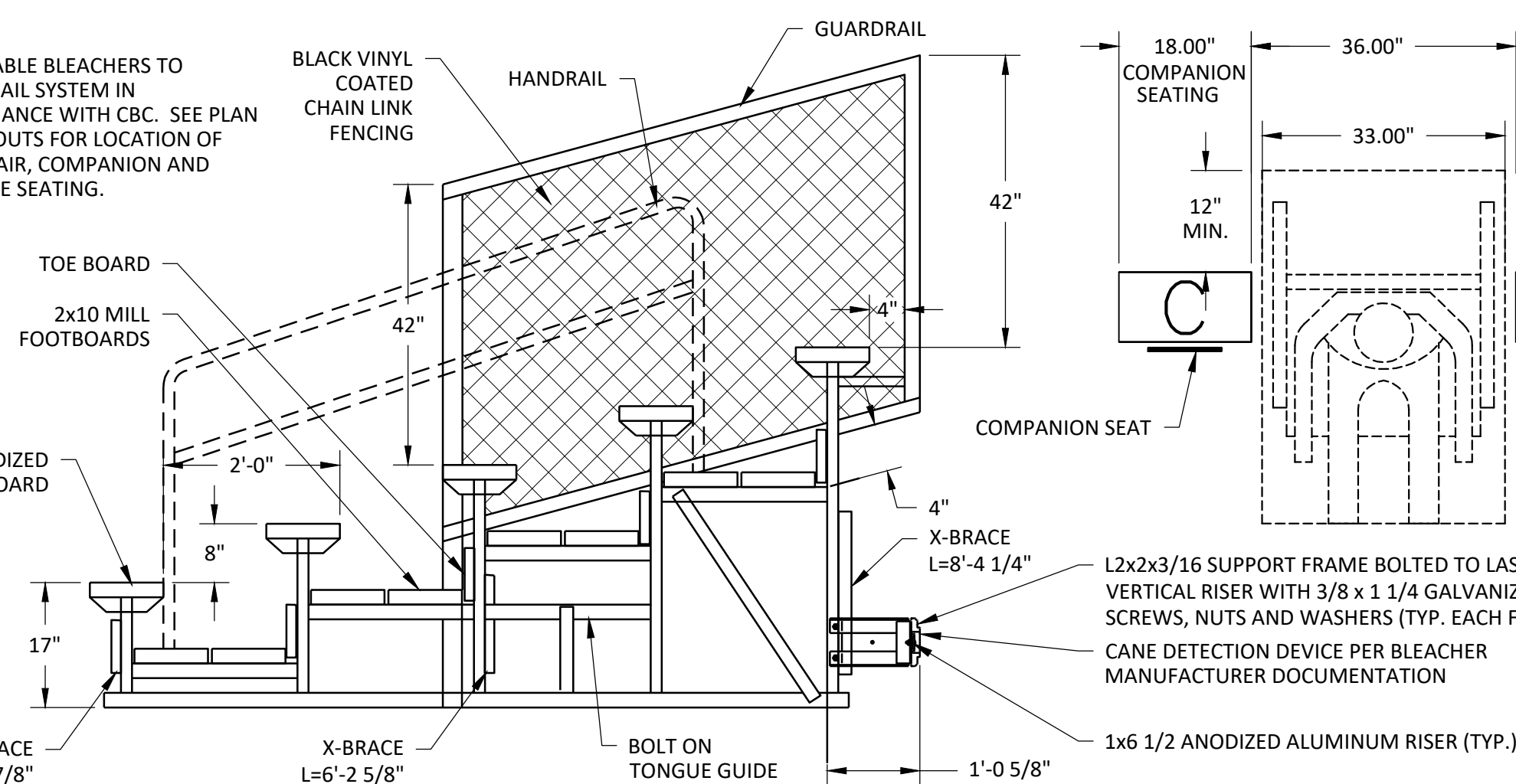
SITE DETAILS

SHEET

F-2.4



NOTE:
ALL PORTABLE BLEACHERS TO
INCLUDE RAIL SYSTEM IN
CONFORMANCE WITH CBC. SEE PLAN
VIEW LAYOUTS FOR LOCATION OF
WHEELCHAIR, COMPANION AND
ACCESSIBLE SEATING.



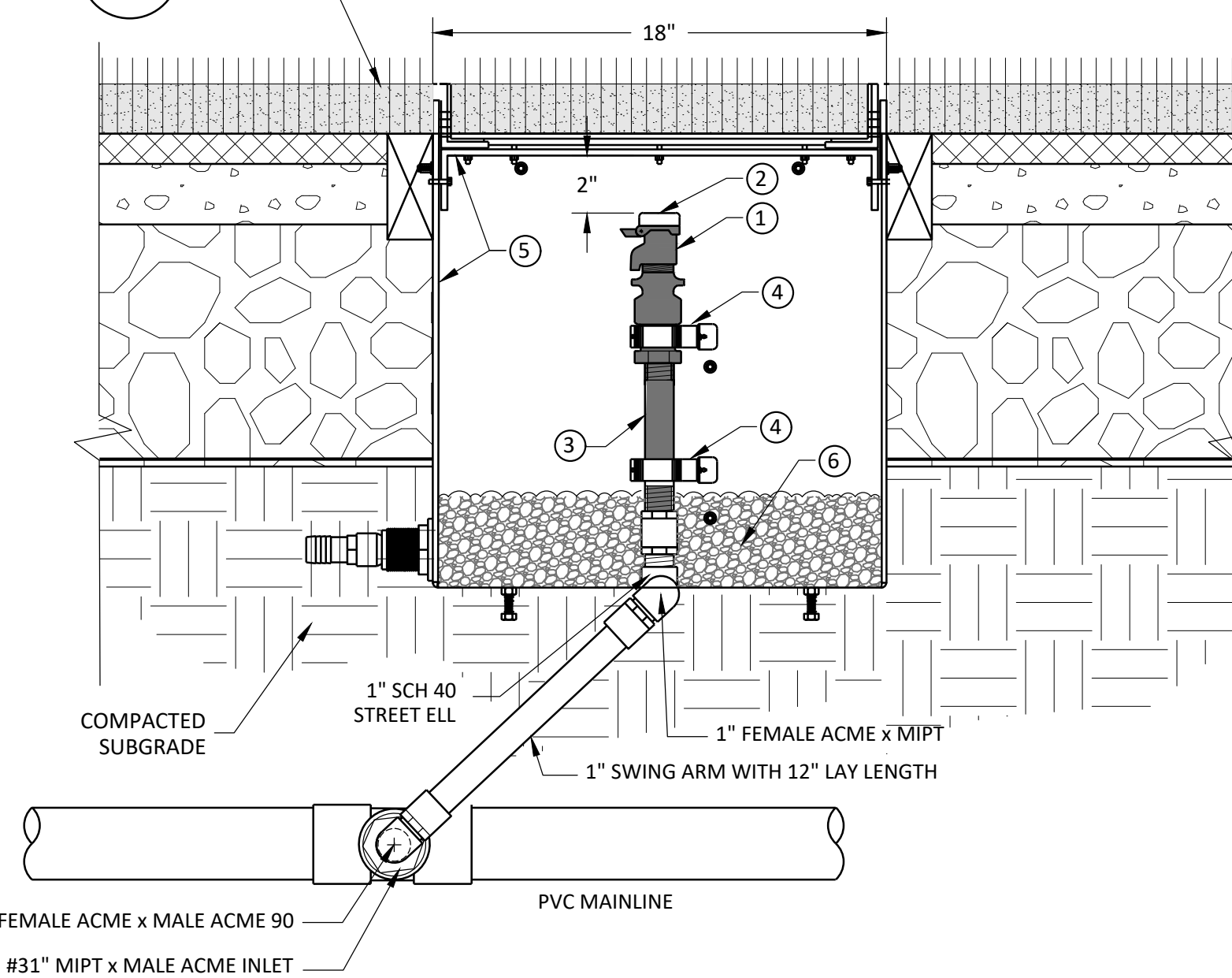
ROWS	LENGTH	NET SEATS (18" PER SEAT)	NOTES
5	27'	62 + 4 ACCESSIBLE SEATING	2 UNITS AT SOFTBALL FIELD 8" RISE/ROW 24" DEPTH/ROW IBC RAIL SYSTEM 4'-0" VERTICAL AISLE

NOTE:
ALL PORTABLE BLEACHERS TO INCLUDE RAIL SYSTEM IN CONFORMANCE WITH IBC.

1 BLEACHERS

F-2.4 NOT TO SCALE

1
F-2.1
INFILLED SYNTHETIC TURF

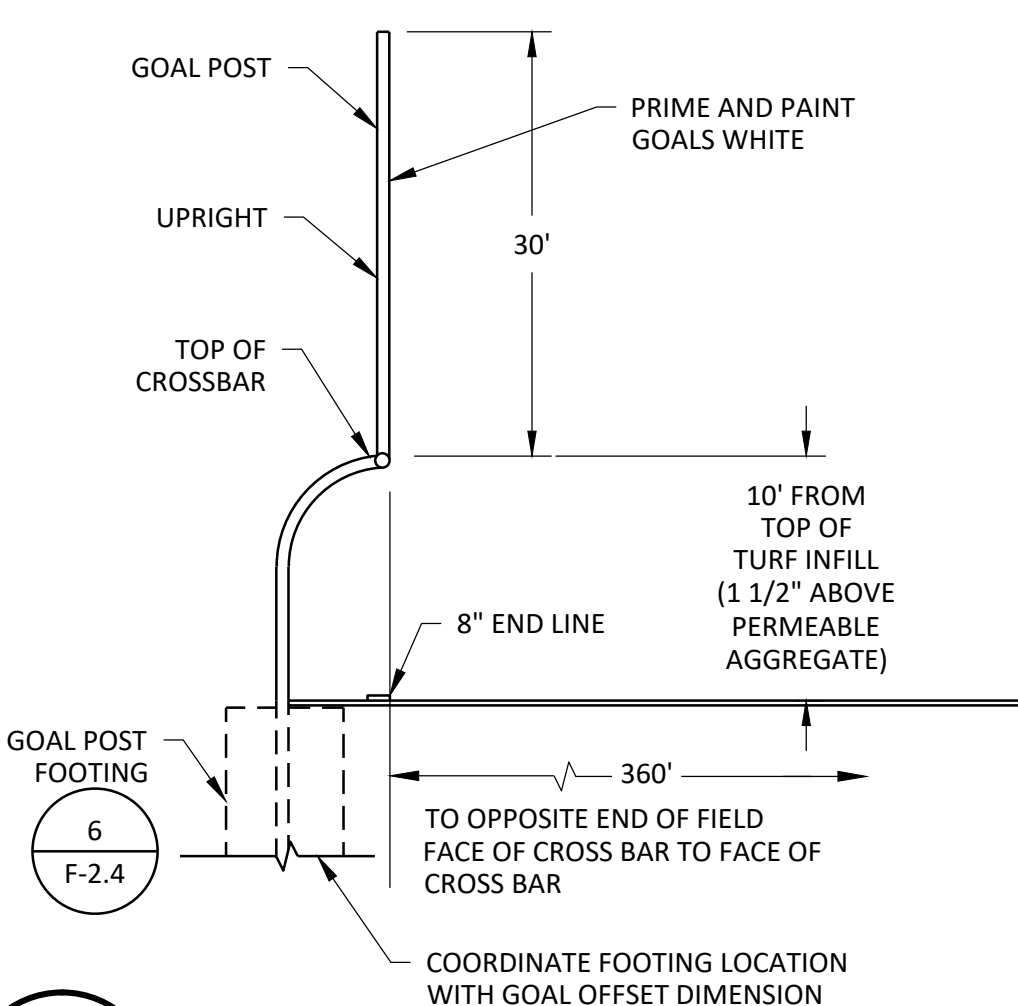


2 QUICK COUPLING VALVE & BOXES

F-2.4 NOT TO SCALE

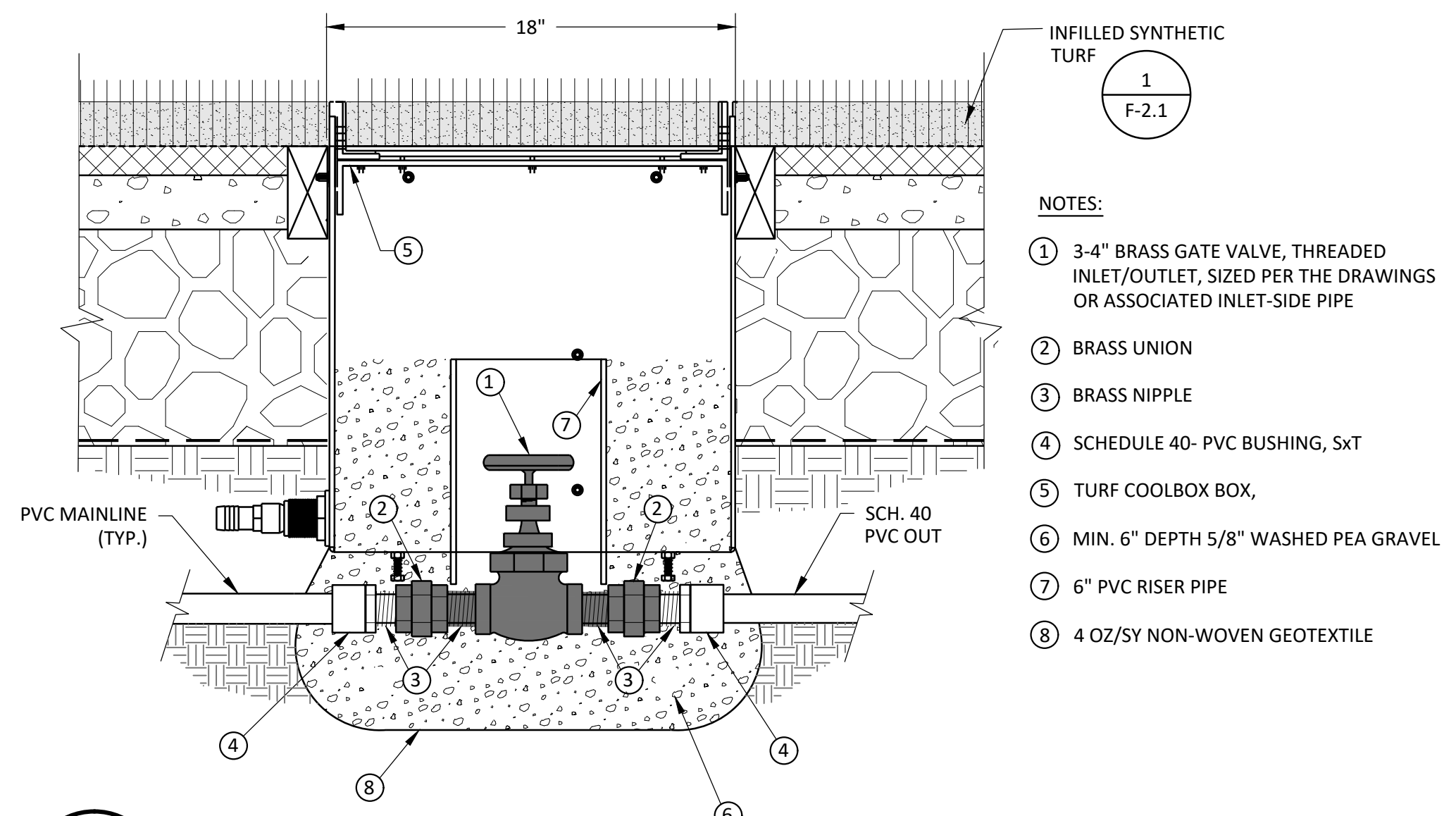
3 FOOTBALL GOAL POST

F-2.4 NOT TO SCALE



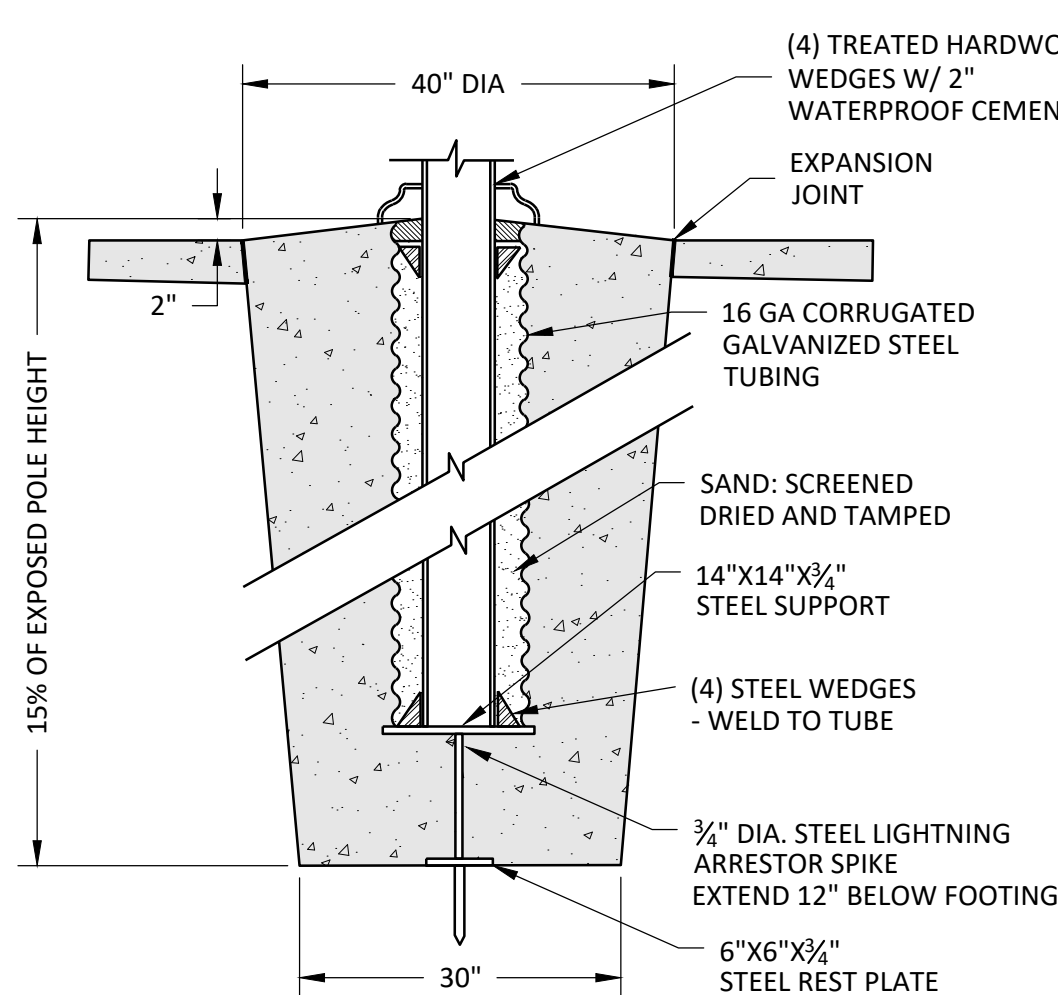
4 GATE VALVE

F-2.4 NOT TO SCALE



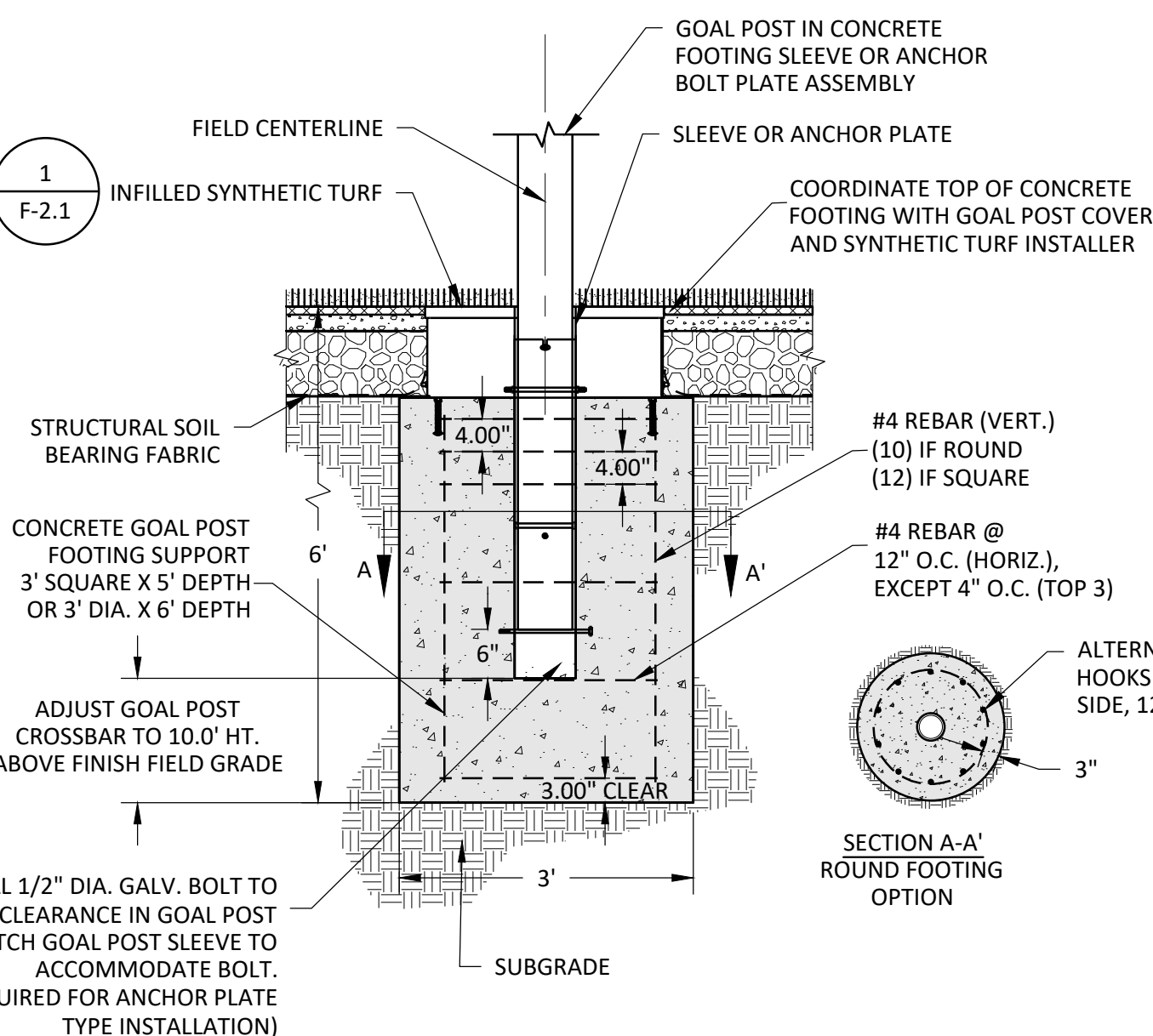
NOTES:

- 3-4" BRASS GATE VALVE, THREADED INLET/OUTLET, SIZED PER THE DRAWINGS OR ASSOCIATED INLET-SIDE PIPE
- BRASS UNION
- BRASS NIPPLE
- SCHEDULE 40- PVC BUSHING, 5xT
- TURF COOLBOX BOX,
- MIN. 6" DEPTH 5/8" WASHED PEA GRAVEL
- 6" PVC RISER PIPE
- 4 OZ/SY NON-WOVEN GEOTEXTILE



5 FLAG POLE FOOTING

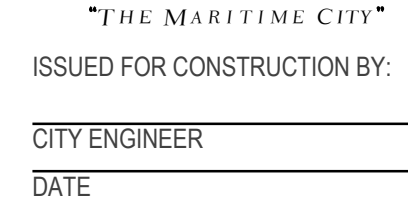
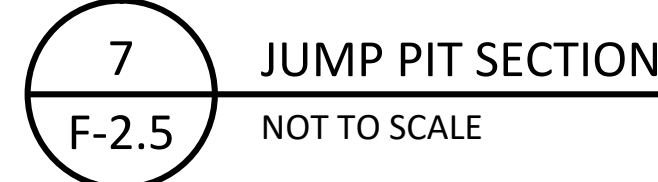
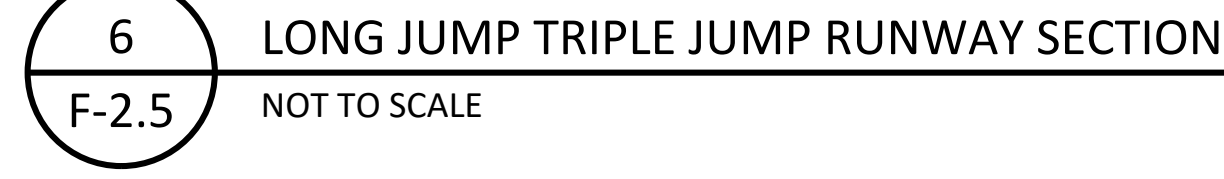
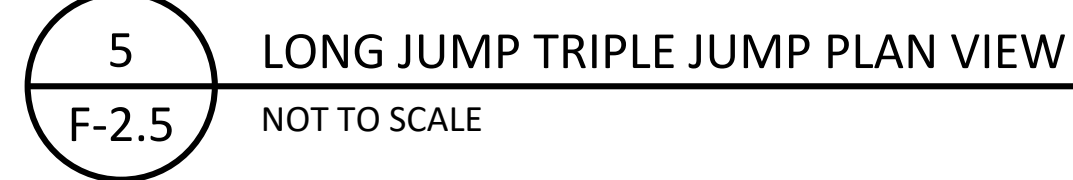
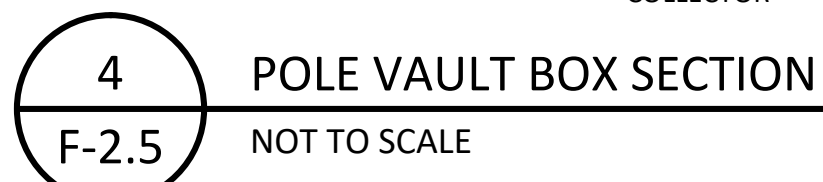
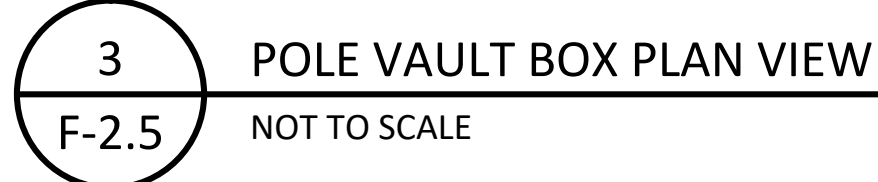
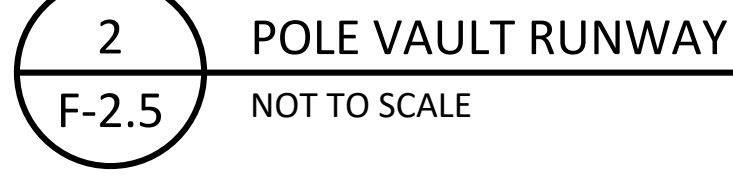
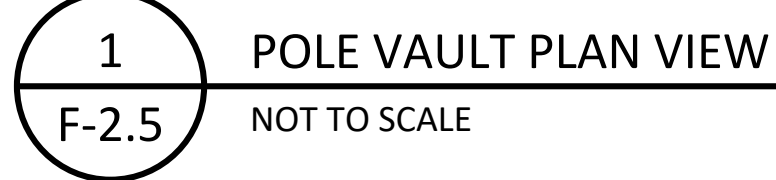
F-2.4 NOT TO SCALE

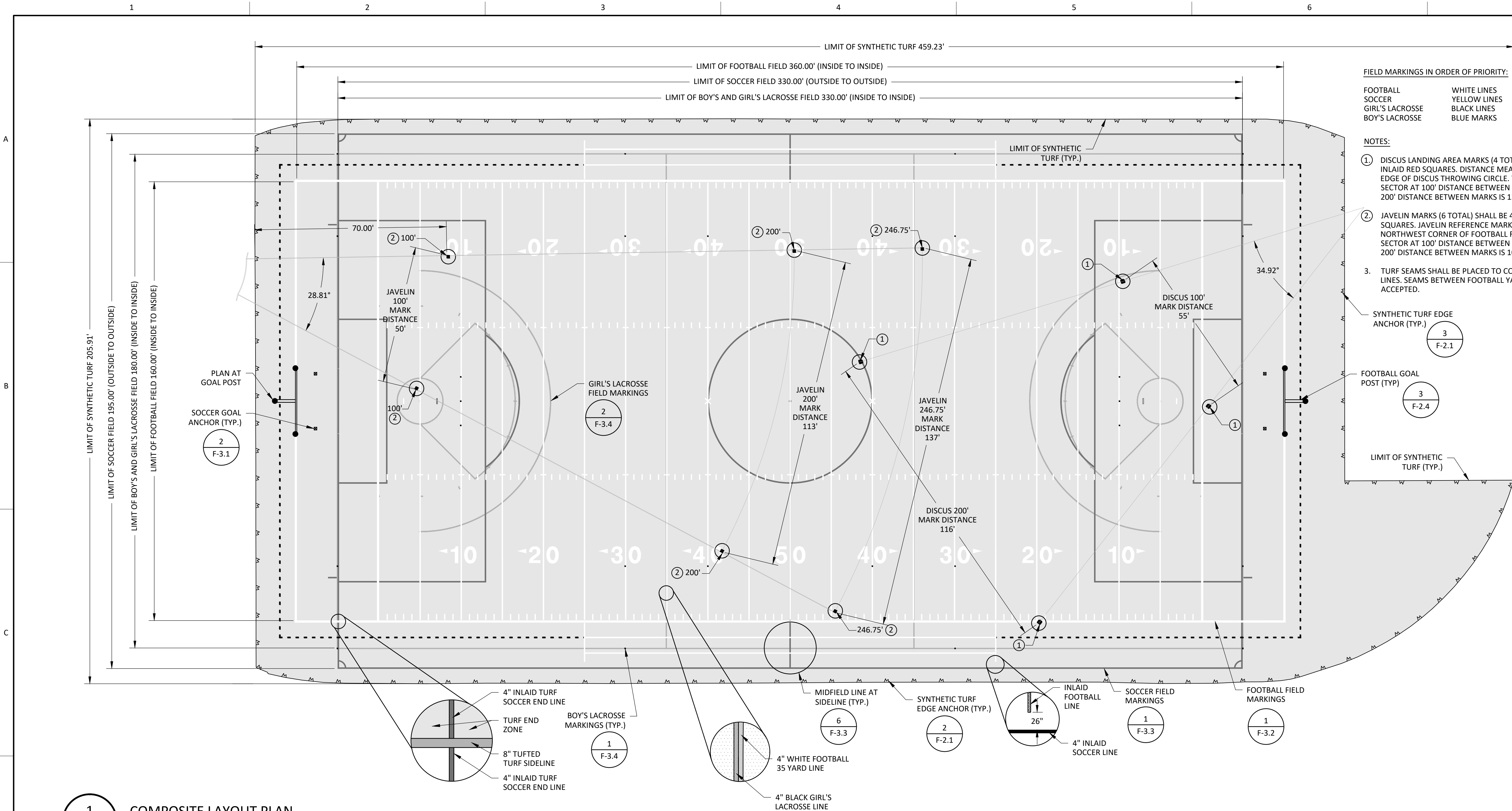


6 FOOTBALL GOAL POST FOOTING

F-2.4 NOT TO SCALE

GIG HARBOR
"THE MARITIME CITY"
ISSUED FOR CONSTRUCTION BY:
CITY ENGINEER
DATE





FIELD MARKINGS IN ORDER OF PRIORITY:

FOOTBALL	WHITE LINES
SOCCER	YELLOW LINES
GIRL'S LACROSSE	BLACK LINES
BOY'S LACROSSE	BLUE MARKS

- NOTES:
- DISCUS LANDING AREA MARKS (4 TOTAL) SHALL BE 4 INCH INLAID RED SQUARES. DISTANCE MEASURED IS FROM INSIDE EDGE OF DISCUS THROWING CIRCLE. TO ACHIEVE 34.92" SECTOR AT 100' DISTANCE BETWEEN MARKS IS 50 FEET, AT 200' DISTANCE BETWEEN MARKS IS 120 FEET.
 - JAVELIN MARKS (6 TOTAL) SHALL BE 4 INCH INLAID BROWN SQUARES. JAVELIN REFERENCE MARKS LAYOUT BASED OFF NORTHWEST CORNER OF FOOTBALL FIELD. TO ACHIEVE SECTOR AT 100' DISTANCE BETWEEN MARKS IS 50 FEET, AT 200' DISTANCE BETWEEN MARKS IS 100 FEET.
 - TURF SEAMS SHALL BE PLACED TO COINCIDE WITH YARD LINES. SEAMS BETWEEN FOOTBALL YARD LINES WILL NOT BE ACCEPTED.

SYNTHETIC TURF EDGE ANCHOR (TYP.)

FOOTBALL GOAL POST (TYP.)

LIMIT OF SYNTHETIC TURF (TYP.)

4" INLAID TURF SOCCER END LINE

TURF END ZONE

8" TUFTED TURF SIDELINE

4" INLAID TURF SOCCER END LINE

BOY'S LACROSSE MARKINGS (TYP.)

4" WHITE FOOTBALL 35 YARD LINE

4" BLACK GIRL'S LACROSSE LINE

MIDFIELD LINE AT SIDELINE (TYP.)

SYNTHETIC TURF EDGE ANCHOR (TYP.)

INLAID FOOTBALL LINE

26"

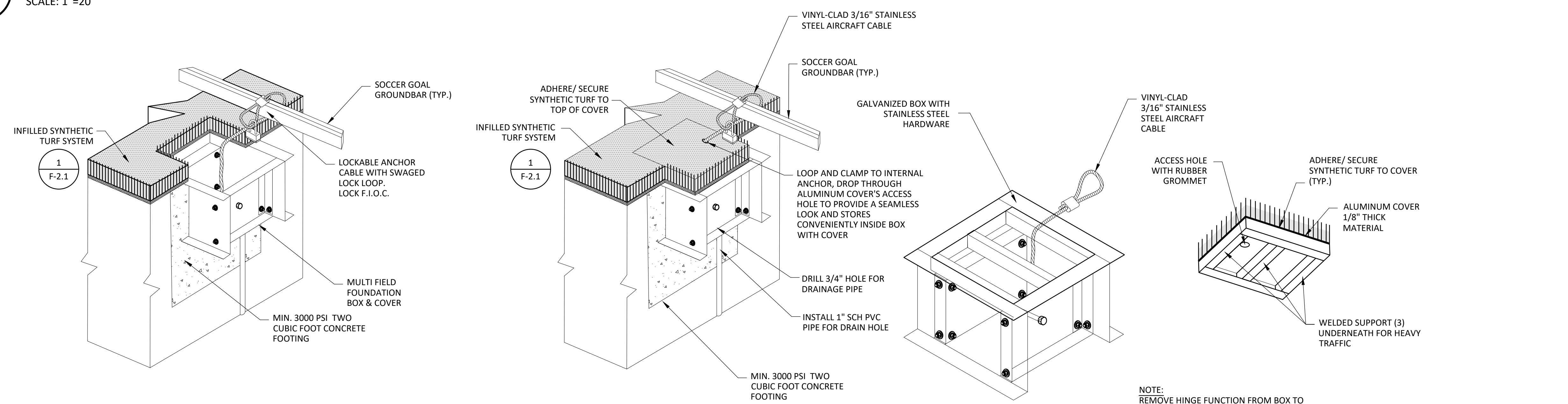
4" INLAID SOCCER LINE

SOCCER FIELD MARKINGS

FOOTBALL FIELD MARKINGS

1 COMPOSITE LAYOUT PLAN

F-3.1 SCALE: 1"=20'



1 SOCCER GOAL ANCHOR

F-3.1 NOT TO SCALE

GIG HARBOR
"THE MARITIME CITY"

ISSUED FOR CONSTRUCTION BY:

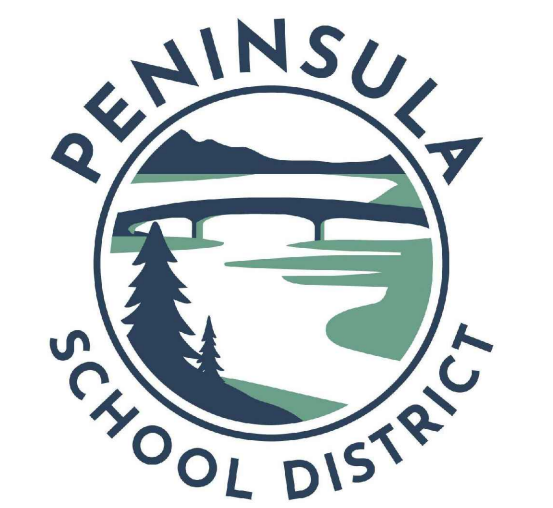
CITY ENGINEER

DATE

Gig Harbor High School
Field and Track Renovation
PL-SPR-26-0011 at a
Hearing Examiner 06.16.2026
Exhibit 1

REVISION

DATE



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION

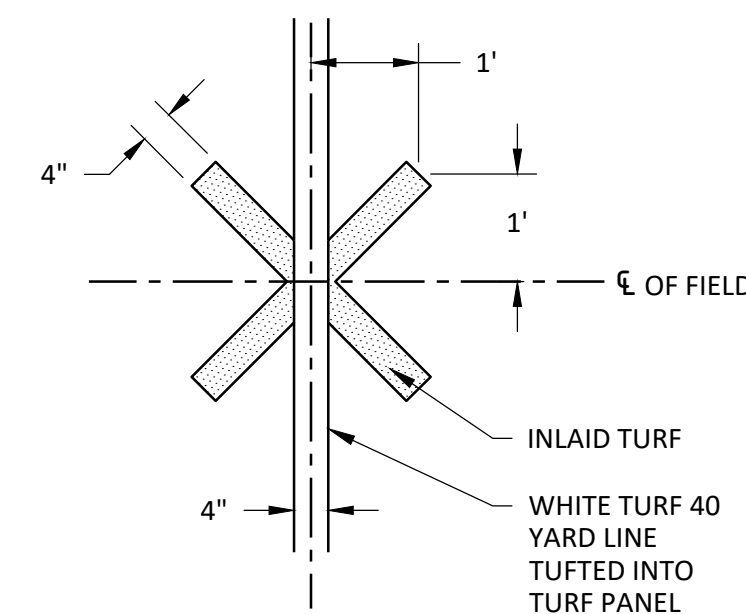


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SCALE	AS SHOWN
DRAWN	LRB
CHECKED	JAB
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COMPOSITE LAYOUT PLAN

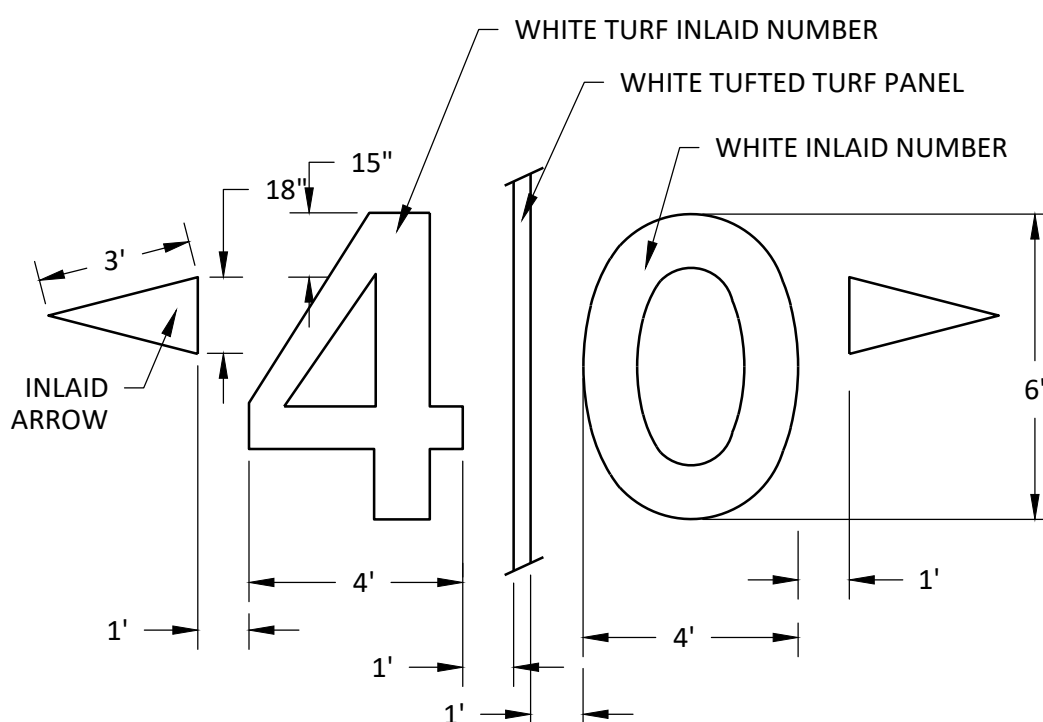
SHEET

F-3.1

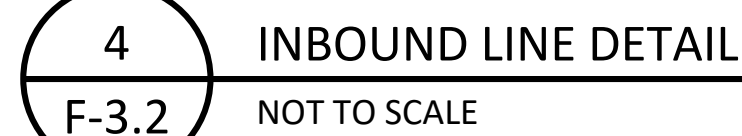


- | | | |
|--|--|--|
| 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS. | 7. THE TWO SETS OF INBOUNDS LINES ARE 53 FEET 4 INCHES FROM THE SIDELINES. INBOUNDS LINES AND SHORT YARDLINE EXTENSIONS SHALL BE 24 INCHES LONG AND 4 INCHES WIDE, INLAI, WHITE LINES. | 11. AN X WILL MARK THE SPOT OF THE KICKOFF AT THE 40 YARDLINE ON EACH END OF THE FIELD. THE 40 YARDLINE SHALL BE WHITE TURF TUFTED INTO THE TURF PANELS AND THE EXTENSIONS FROM THE X SHALL BE INLAI WHITE TURF. |
| 2. ALL LINE WORK IS TO BE LAID OUT WITH A TOLERANCE OF 1/4 INCH. | 8. THE 3-YARD LINES ARE 24 INCHES LONG, 4 INCHES WIDE, WHITE INLAI LINES AT THE CENTER LINE AND THE 3 YARDLINE ON EACH END OF THE FIELD. REFER TO PLAN FOR LOCATION. | 12. PYLON LOCATIONS AT THE INTERSECTIONS OF THE GOAL LINES AND THE END LINES WITH THE SIDELINES, AND THE END LINES AND THE EXTENSIONS OF THE INBOUNDS LINE SHALL BE 4 INCHES BY 4 INCHES. THE PYLONS SHALL BE FREESTANDING, WEIGHTED TYPE. |
| 3. ALL YARDLINES SHALL BE 4 INCH, WHITE, TUFTED INTO THE TURF PANELS, THE GOAL LINES WILL BE 4" TUFTED INTO THE TURF PANELS. | 9. WHITE YARDLINE NUMBERS MEASURING 6 FEET IN HEIGHT AND 4 FEET IN WIDTH WITH THE TOP OF THE NUMBERS 27 FEET FROM THE SIDELINES ARE INLAI TURF. | 13. THE 50 YARDLINE SHALL BE OUTLINED IN YELLOW INLAI TURF ON EACH SIDE OF THE WHITE YARDLINE. |
| 4. AN 8 INCH WHITE LINE, TUFTED INTO THE TURF, WILL SURROUND THE ENTIRE PLAYING FIELD. | 10. DIRECTIONAL ARROWS POINT TOWARD RESPECTIVE ENDOZONES. ARROWS ARE WHITE, INLAI TURF. THERE ARE NO ARROWS ON THE 50 YARDLINE. | 14. A 4 INCH WIDE RESTRAINING LINE SHALL BE PLACED, AT LEAST 2 YARDS FROM THE SIDE AND ENDLINES, AS AN EXTENSION OF THE TEAM BOX AREA. THE RESTRAINING LINE SHALL BE 12 INCH LONG LINES, SEPARATED AT 24 INCH INTERVALS. |
| 5. 24 INCH SHORT YARDLINE EXTENSIONS, 4 INCHES FROM THE SIDELINES SHALL BE 4 INCHES WIDE, WHITE, INLAI LINES. | | |
| 6. THE COACHING BOX AND TEAM AREA SHALL BE PER NFHS RULES. | | |

1 FOOTBALL LAYOUT PLAN
F-3.2 SCALE: 1"=20'

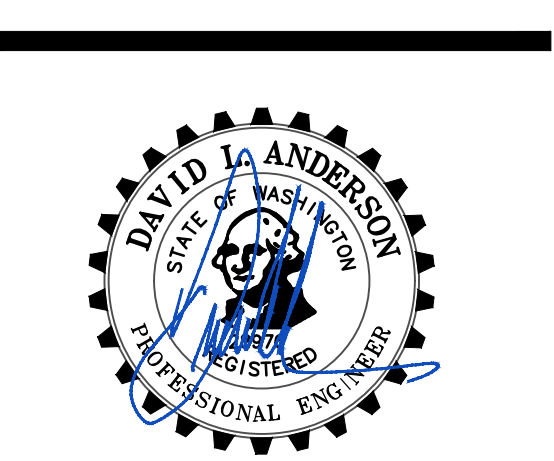


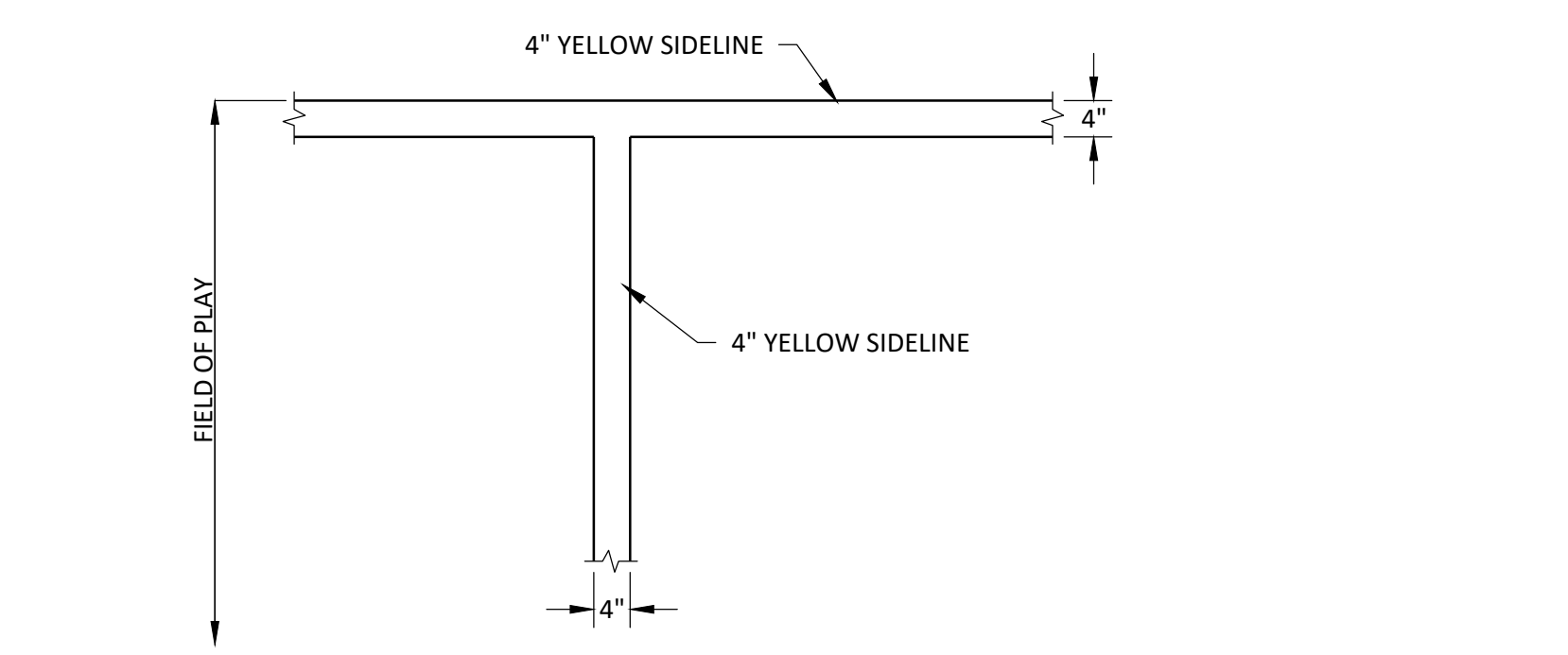
3 YARDLINE NUMBER DETAIL
F-3.2 NOT TO SCALE



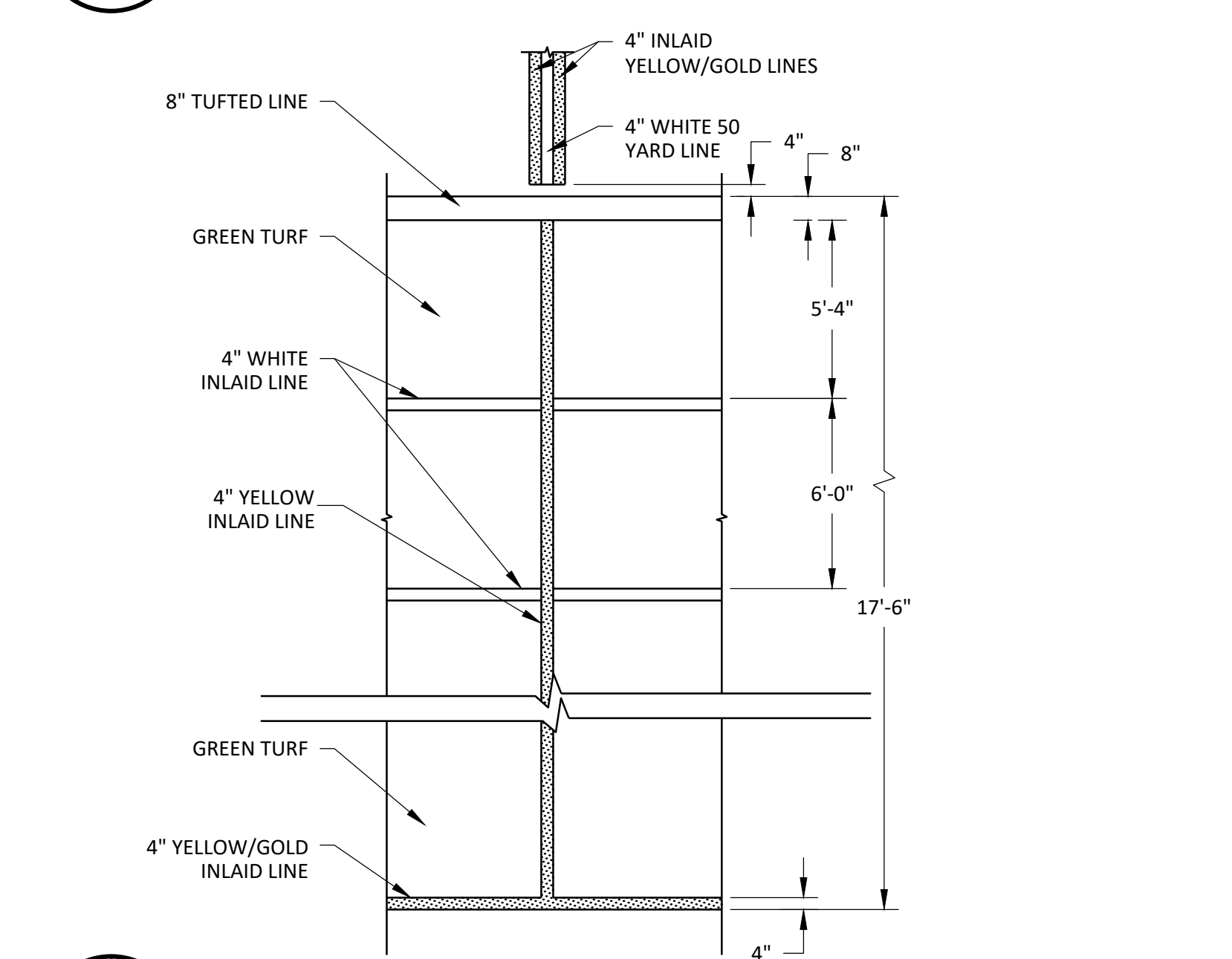
2 SIDE LINE DETAIL
F-3.2 NOT TO SCALE

5 KICK-OFF MARKER
F-3.2 NOT TO SCALE

F-3.2



5 SOCCER SIDELINE
F-3.3 NOT TO SCALE

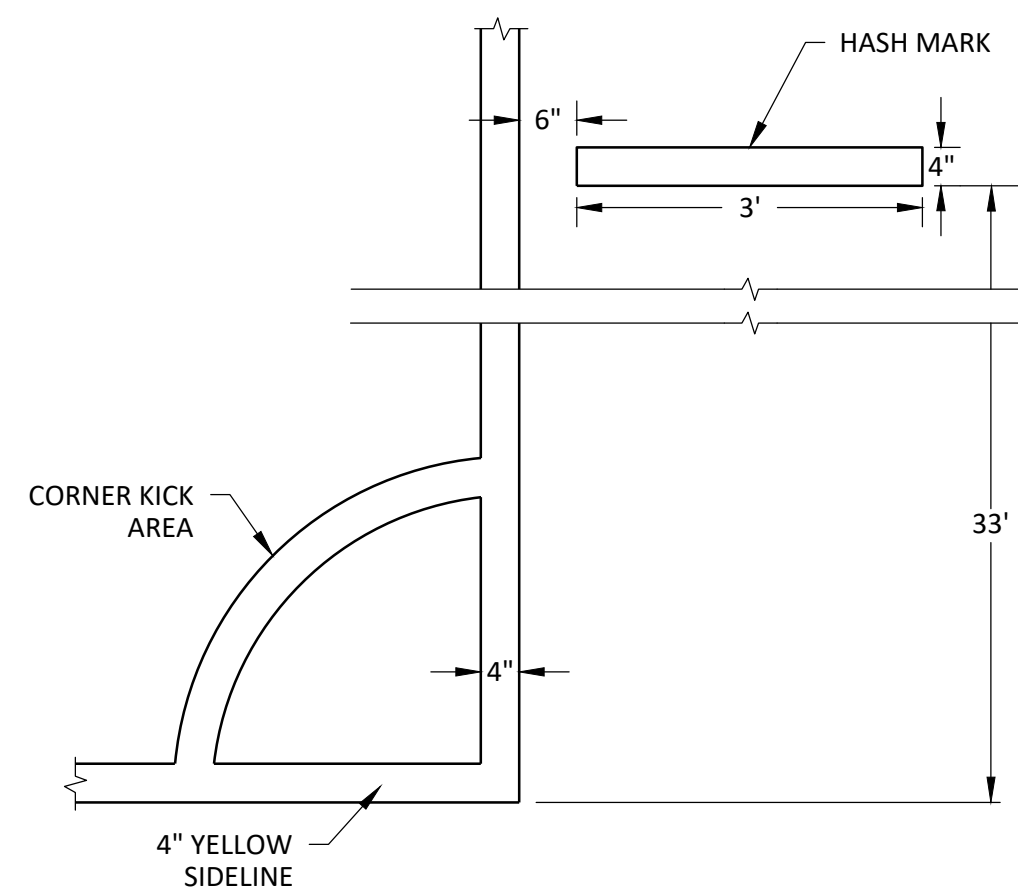


6 MID-FIELD LINE AT SIDELINE
F-3.3 NOT TO SCALE

- 1
F-3.3

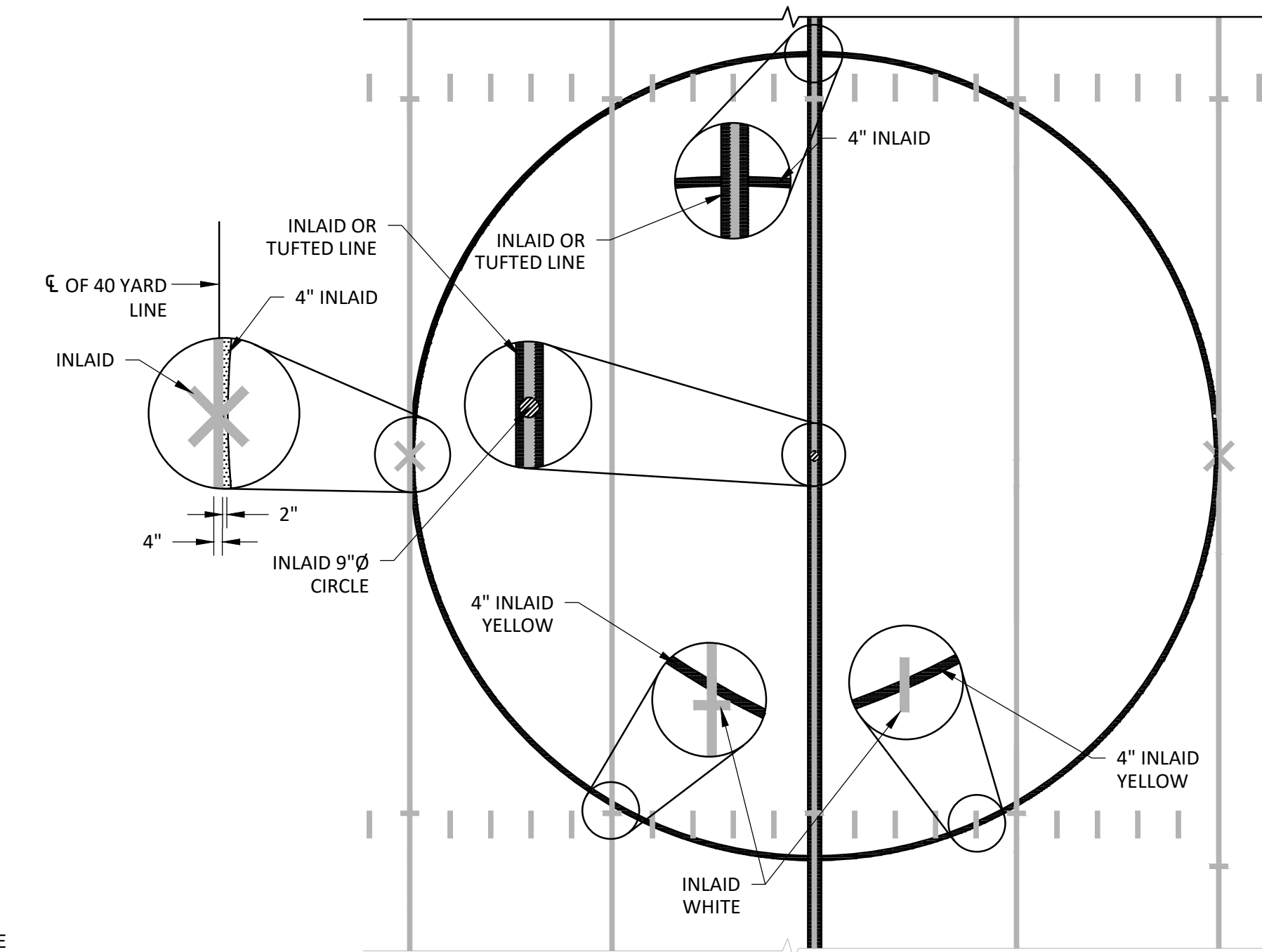
SOCCER LAYOUT PLAN

SCALE: 1"=20'



2 CORNER KICK DETAIL
F-3.3 NOT TO SCALE

2 SOCCER HASH MARKS
F-3.3 NOT TO SCALE



4 SOCCER GOAL ALIGNMENT SQUARES
F-3.3 NOT TO SCALE

7 SOCCER CIRCLE AND MID-FIELD LINE
F-3.3 NOT TO SCALE



ISSUED FOR CONSTRUCTION BY:

CITY ENGINEER

DATE

GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



DA HOGAN
1450 114th Ave. SE, Suite 225
Bellevue, WA 98004
p. 206.285.0400
www.dahogan.com

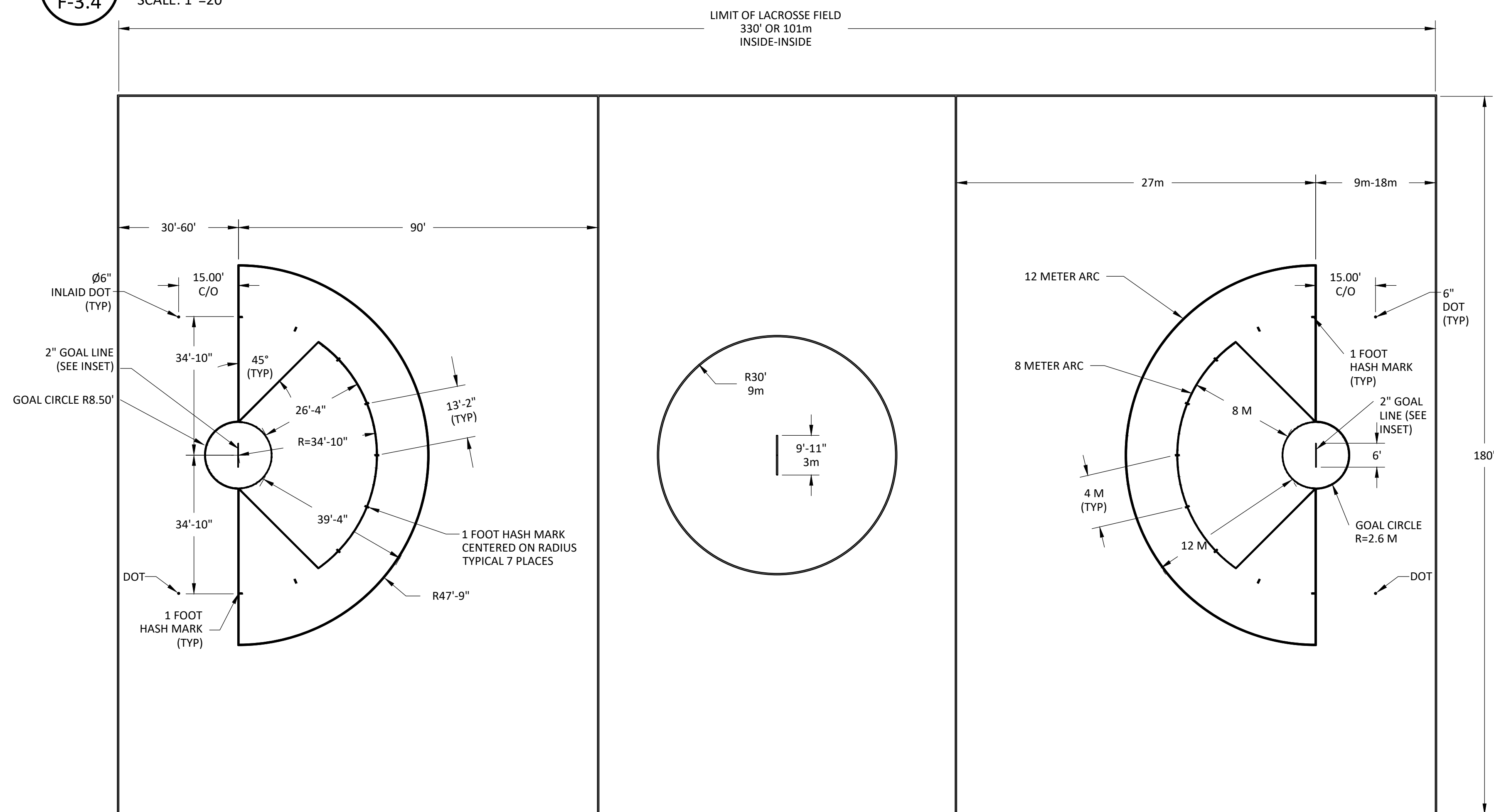
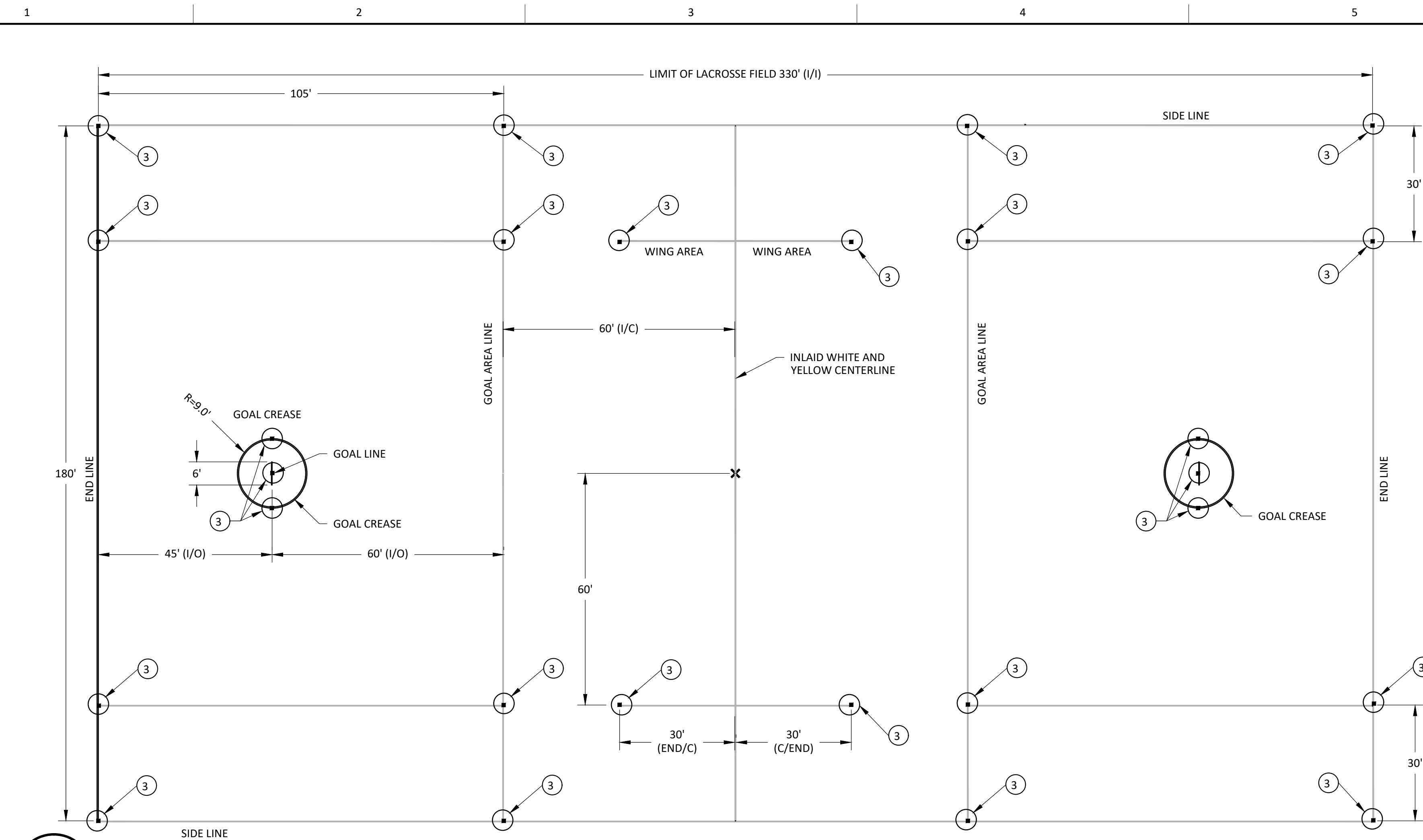


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SOCCKER LAYOUT PLAN & DETAILS

SHEET

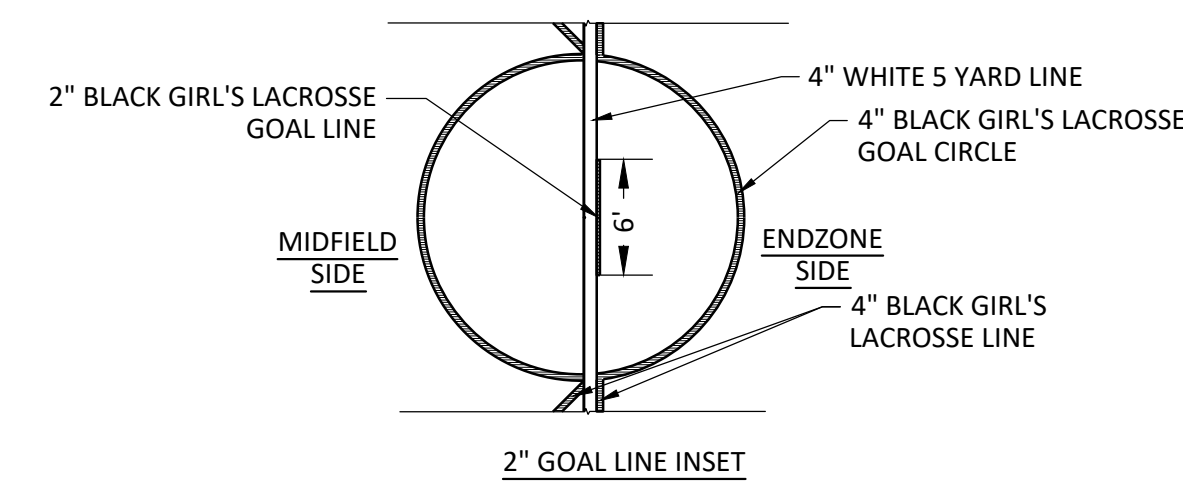
F-3.3



- NOTES:**
1. ALL DIMENSIONS SPECIFIED ARE FOR BOY'S LACROSSE.
 2. CENTER LINE ON LACROSSE FIELD IS SHARED WITH FOOTBALL CENTER LINE.
 3. CONTRACTOR TO INSTALL 26-4" BLUE SQUARE TURF AT LOCATIONS INDICATED. COLOR SHALL BE BLUE

- WOMEN'S LACROSSE NOTES:

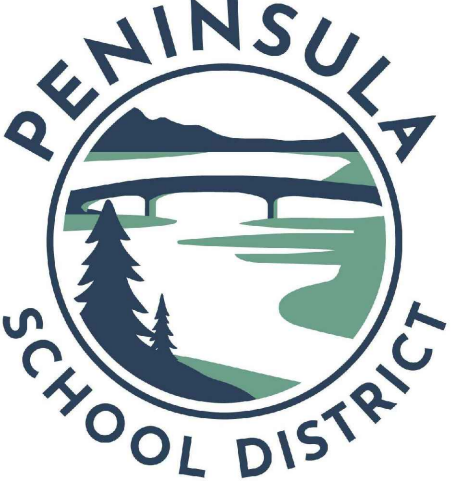
1. ALL LINES ARE 4" WIDE EXCEPT FOR THE 2" GOAL LINE. GOAL CIRCLE LINES, ARC, AND RESTRAINING LINES SHALL BE BLACK.
2. TWO ARCS SHALL BE MARKED 8 METERS (8.8 YARDS) AND 12 METERS (13 YARDS) FROM THE GOAL CIRCLES. THE ARCS SHALL BE MEASURED FROM THE CENTER OF THE GOAL LINE, 10.6 METERS (34 FEET, 10 INCHES) FOR THE 8-METER MARK AND 14.6 METERS (47 FEET, 9 INCHES) FOR THE 12-METER MARK. THE 8 METER ARC SHALL END ON A LINE ON EACH SIDE THAT RUNS FROM A POINT ON EACH SIDE OF THE GOAL CIRCLE, WHERE IF THE GOAL LINE WERE CONTINUED IT WOULD CROSS THE GOAL LINE. THIS LINE WILL BE AT A 45-DEGREE ANGLE TO THE GOAL LINE EXTENDED. THE 8-METER ARC WILL BE SECTIONED OFF BY HASH MARKS 30.5 CENTIMETERS, (1 FOOT) IN LENGTH, PERPENDICULAR AND BISECTING THE ARC. THESE WILL BE MEASURED 4, 8 AND 12 METERS, RESPECTIVELY, FROM EITHER SIDE OF THE CENTER HASH MARK WHICH SHALL BE MEASURED FROM THE CENTER OF AND PERPENDICULAR TO THE CENTER OF THE GOAL LINE, (10.6 METERS/34 FEET, 10 INCHES). TWO ADDITIONAL 30.5 CENTIMETER (1 FOOT) HASH MARKS WILL BE MADE 8 METERS FROM THE GOAL CIRCLE, PERPENDICULAR TO THE GOAL LINE EXTENDED. THE 12-METER ARC WILL END AT THE GOAL LINE EXTENDED. ALL LINES ARE 4" WIDE EXCEPT FOR THE 2" GOAL LINE.
3. THE GOAL CIRCLE HAS A RADIUS OF 2.6 METERS (8 FEET, 6 INCHES) MEASURED FROM THE CENTER OF THE GOAL LINE TO THE OUTER EDGE OF THE GOAL-CIRCLE LINE. THE GOAL CIRCLE LINE SHALL BE 5 CENTIMETERS (2 INCHES) WIDE.
5. THE CENTER LINE AND CENTER CIRCLE SHALL BE SHARED WITH SOCCER AND WILL BE 4" YELLOW LINES.
6. THE RESTRAINING LINE SHALL BE PLACED ADJACENT TO THE FOOTBALL 35 YARD LINE, CLOSEST TO EACH FOOTBALL ENDZONE.
7. THE GOAL LINE SHALL BE PLACED ADJACENT TO THE FOOTBALL 5 YARD LINE CLOSEST TO EACH FOOTBALL ENDZONE.



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CITY ENGINEER

DATE



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



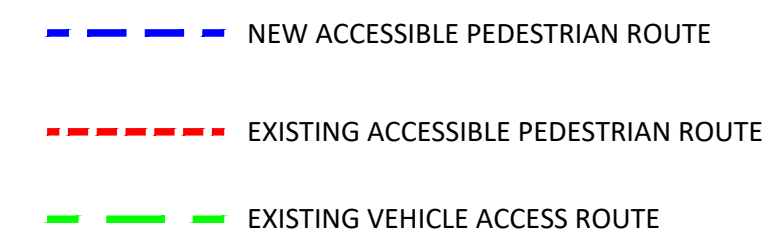
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LACROSSE LAYOUT PLANS

SHEET

F-3.4



F-4.1 SCALE: 1"=60'



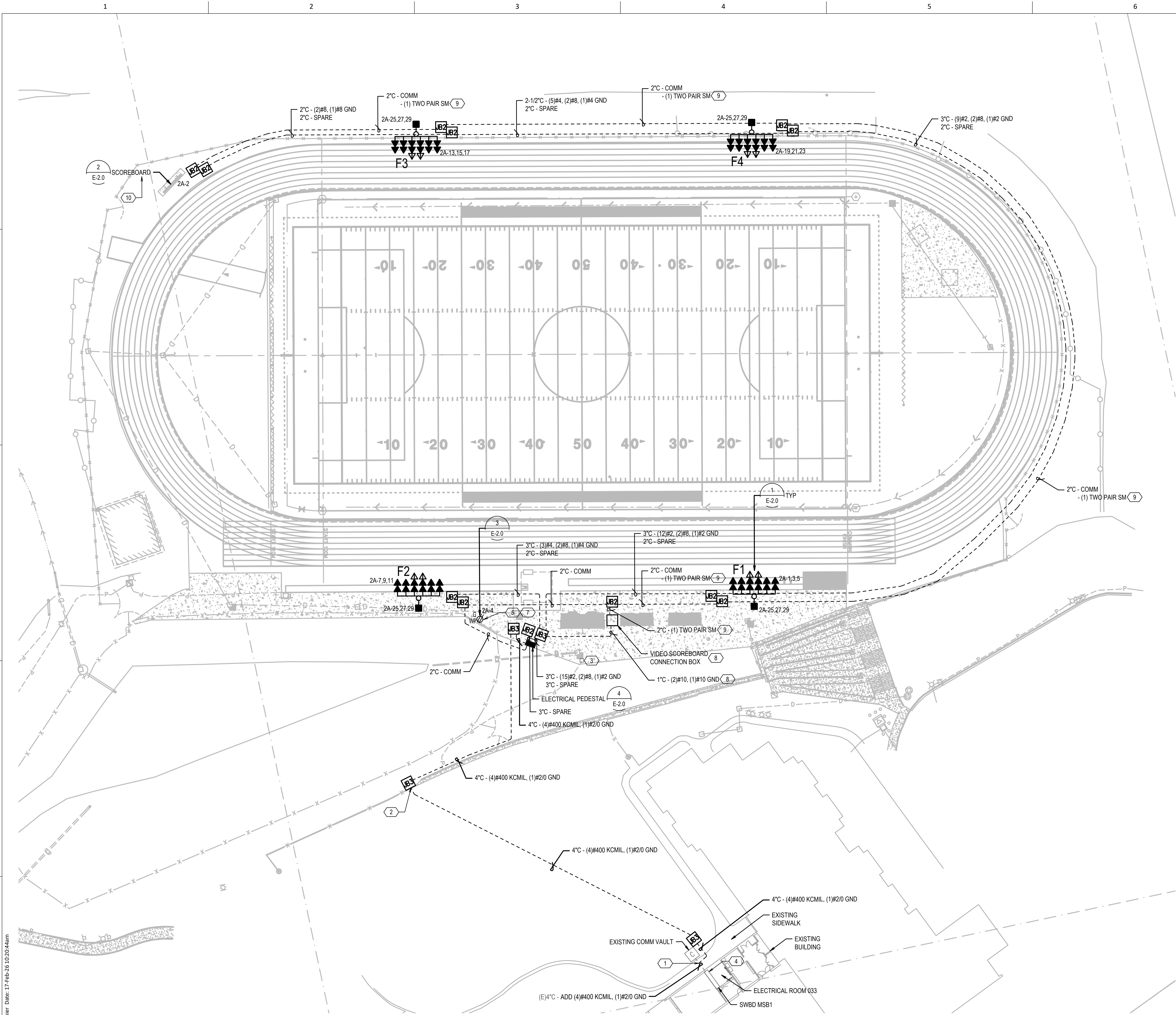
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CIRCULATION PLAN AND SITE SECTION

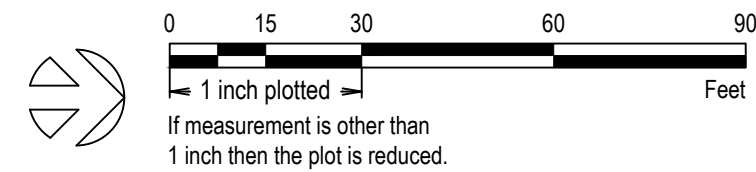
SHEET

F-4.1

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ELECTRICAL SITE PLAN
SCALE: AS INDICATED



GENERAL NOTES:

- JUNCTION BOX LOCATIONS AND CONDUIT ROUTING ARE SCHEMATIC. ALL JUNCTION BOXES WITH PAVEMENT EDGES. CONDUIT ROUTING SHALL AVOID TREES AND FENCING. SUBMIT CONDUIT AND JUNCTION BOX LAYOUT TO THE ENGINEER PRIOR TO INSTALLATION.
- MAINTAIN AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO PROVIDE LOCATE PRIOR TO ANY EXCAVATION. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL CALL "ONE-CALL" FOR UTILITY LOCATIONS.
- ALL SPARE/EMPTY CONDUIT TO BE PROVIDED WITH NYLON PULL STRINGS.
- ALL JUNCTION BOXES AND CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS. VERIFY LOCATION OF PROPERTY LINE, EASEMENTS AND UTILITIES PRIOR TO PLACEMENT.
- ALL CONDUITS LENGTHS ARE APPROXIMATE. REFER TO CIVIL FOR EXACT LENGTHS.
- CAP ALL UNUSED CONDUITS. WHERE CONDUITS ARE CAPPED MARK LOCATION WITH AN ELECTRICAL MARKER.

KEY NOTES:

- INTERCEPT EXISTING SPARE 4" CONDUIT AND TURN UP INTO NEW JUNCTION BOX. CONTRACTOR TO VERIFY LOCATION WHERE CONDUIT STUBS UP INSIDE BUILDING.
- ROUTE CONDUIT UNDERNEATH EXISTING FENCE CURB AND UP INTO NEW JUNCTION BOX.
- DEMO EXISTING RECEPTACLE PEDESTAL. DEMO WIRES BACK TO PANEL. ABANDON CONDUIT IN PLACE.
- PROVIDE NEW 250A-3P CIRCUIT BREAKER IN OPEN SPACE OF THIRD SECTION OF EXISTING SWITCHBOARD MSB1. PROVIDE RGS CONDUIT AND CONNECT TO EXISTING SPARE 4" CONDUIT.
- PROVIDE 2" STEEL POST AND MOUNT RECEPTACLE.
- SET JUNCTION BOX BELOW PEDESTAL PAD ELEVATION. PROVIDE 12-INCH DEPTH OF DRAINING GRAVEL BELOW.
- RECEPTACLE TO BE TAMPER-RESISTANT TYPE.
- ALTERNATE BID ITEM. PROVIDE 24" X 16" NEMA 3R HOFFMAN BOX WITH LOCKABLE COVER, WITH RECEPTACLE AND SCOREBOARD CONNECTION PORT.
- ALTERNATE BID ITEM. ADD ONE SINGLE TWO PAIR SM FIBER TO THE SPARE COMM CONDUIT.
- ALTERNATE BID ITEM. PROVIDE DAKTRONICS VIDEO BOARD LVX-3000-16MT IN LIEU OF DAKTRONICS BOARD FB-2023. UPSIZE CIRCUIT AND WIRING TO 120/208 VOLT, THREE PHASE, 30 AMP.

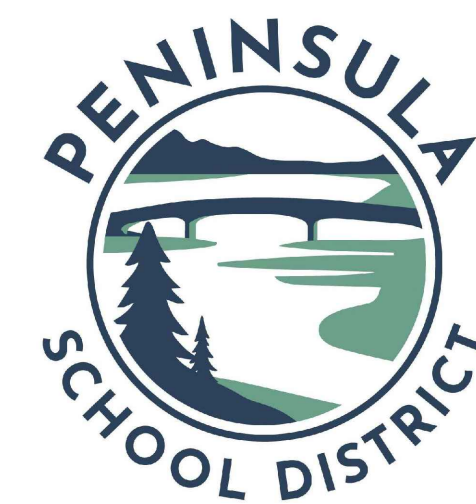
LEGEND

- STRAIGHT STEEL POLE, POWDER COAT FINISH
- ▲ SHIELDED LED FLOODLIGHT, 1200 WATT, 4500K, 480 VOLT
- ▲ SHIELDED LED BALL TRACKING LIGHT, 575 WATT, 4500K, 480 VOLT
- AREA LUMINAIRE, 100 WATT LED, 4000K, 480 VOLT
- UNDERGROUND RACEWAY
- JB2 TYPE 2 JUNCTION BOX, WSDOT WITH SLIP NOT BOLT DOWN LID
- JB3 TYPE 3 JUNCTION BOX, FOGTITE TYPE III SEATTLE

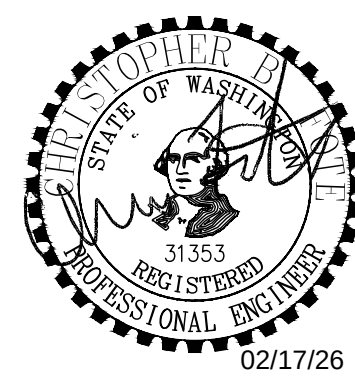
POLE AND FLOODLIGHT SCHEDULE

POLE	HEIGHT	FLOODLIGHTS	BT LIGHTS	AREA LUMINAIRE
F1	80'-0"	12	2	1
F2	80'-0"	12	2	1
F3	80'-0"	12	2	1
F4	80'-0"	12	2	1
TOTAL		48	8	4

REVISION DATE



GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION



BID SET

DATE 02-17-26

SCALE AS INDICATED

DRAWN AAU

CHECKED CBF

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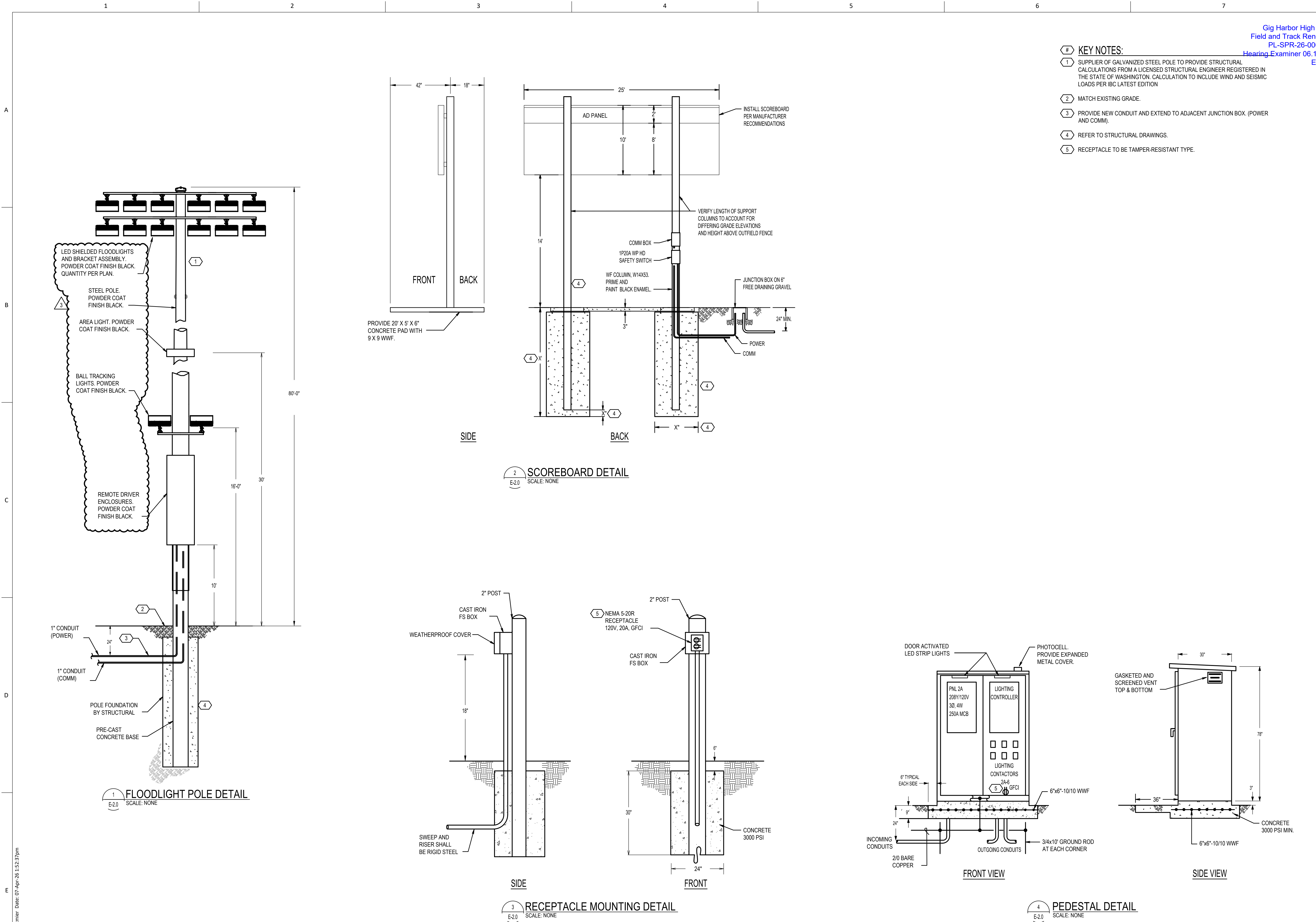
ELECTRICAL
PLAN

SHEET

E-1.1

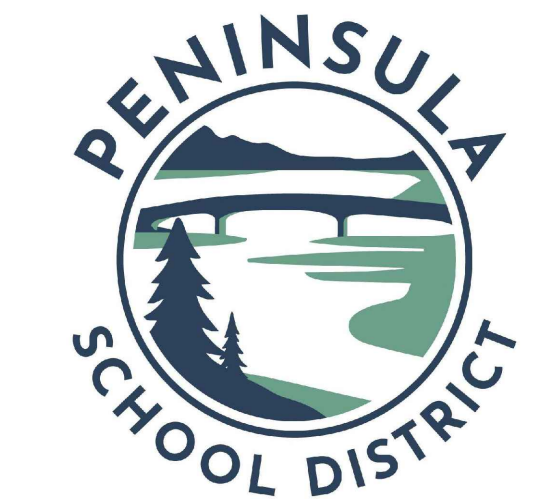
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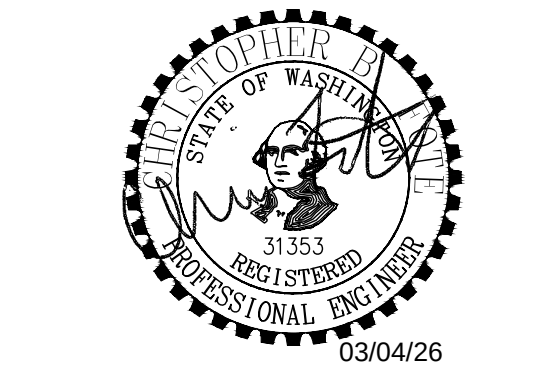


Gig Harbor High School
Field and Track Renovation
PL-SPR-26-0001 et al
Hearing Examiner 06.16.2026
Exhibit 1

REVISION
PERMIT REVISIONS
DATE
4-7-26



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



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DETAILS

SHEET

E-2.0

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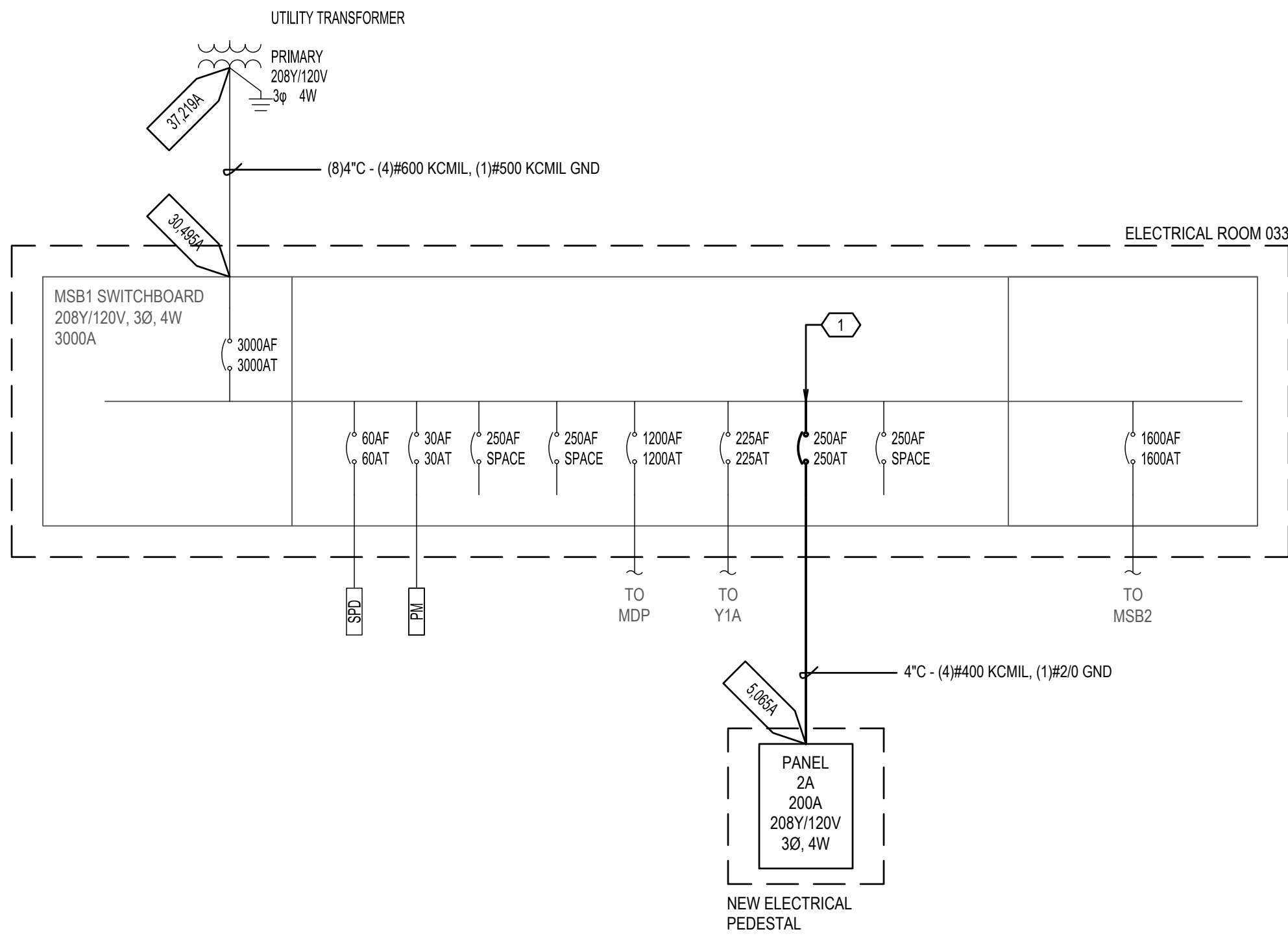
ELECTRICAL DEMAND LOAD REVISIONS

MAXIMUM EXISTING RECORDED 12-MONTH DEMAND LOAD: 155 KW
MAXIMUM KVA = 155 KW / 0.8 PF = 193.75 KVA
25% DEMAND FACTOR: 242.19 KVA

ADDED LOAD: 58.86 KVA
25% DEMAND FACTOR: 73.58 KVA

TOTAL REVISED LOAD:
RECORDED LOAD + ADDED LOAD = 242.19 + 73.58 = 315.77 KVA

315.77 KVA / (208V * 3Ø) = 877 A



1 ONE-LINE DIAGRAM
E-2.1 SCALE: NONE

Stantec							Swbd	
Name	MSB1_Ext	120/208V	3 PH	4W	3000A	Main CB	Type: Switchboard	
Location: ELEC RM 033							35,000 AIC	
Serves:							Single Lugs	
#	Description	Load	Overcurrent device		Remarks			
1#	Other SPD	0.00	Size	*Type				
			60A/3P	CB				
2#	Other PM	0.00	30A/3P	CB				
3#	Space	0.00	250A/3P					
4#	Space	0.00	250A/3P					
5#	Other MDP	0.00	1200A/3P	CB				
6#	Other Y1A	0.00	225A/3P	CB				
7#	Space	0.00	250A/3P					
8#	Space	0.00	250A/3P					
9#	Other MSB2	0.00	1600A/3P	CB				
Rev:				* Circuit Breaker Code				
Revised Ckts Marked * Existing Ckts Marked #				CB = Circuit Breaker		S = Switching Duty		
Project# 204823094				G = GFCI		M = Motor Ckt Prot		
File: U:\204823094\d_working_files\10_electrical\04_calcs\Gig Harbor HS_FB Field.PNL				H = HID Rated		F = Fused Switch		
				C = HACR Rated		# = See Note		
Notes:								
Load Type	Conn KVA	NEC Demand Factor	Dem. KVA	Dem. Amps	NEC Feed %		NEC Feed Amps	
Recorded Demand	193.75	x 125%	242.19	672	x 100%		672	
* Recorded Demand calculated as 193.75kVA x 100% S.A.F. x 100% O.A.F.								
	193.75	538 Amps	242.19	672				

2 EXISTING PANEL SCHEDULE
E-2.1 SCALE: NONE

Stantec							Swbd	
Name	MSB1_Rev.	120/208V	3 PH	4W	3000A	Main CB	Type: Switchboard	
Location:	ELEC RM 033						35,000 AIC	
Serves:	Surface Mounted Single Lugs							
#	Description	Load	Overcurrent device					
			Size	*Type	Remarks			
1#	Other SPD	0.00	60A/3P	CB				
2#	Other PM	0.00	30A/3P	CB				
3#	Space	0.00	250A/3P					
4#	Space	0.00	250A/3P					
5#	Other MDP	0.00	1200A/3P	CB				
6#	Other Y1A	0.00	225A/3P	CB				
7*	Panel 2A	59.26	250A/3P	CB				
8#	Space	0.00	250A/3P					
9#	Other MSB2	0.00	1600A/3P	CB				
Rev:					* Circuit Breaker Code			
Revised Ckts Marked *					CB = Circuit Breaker			
Existing Ckts Marked #					S = Switching Duty			
Project# 204823094					G = GFCI			
					M = Motor Ckt Prot			
					H = HID Rated			
					F = Fused Switch			
					C = HACR Rated			
					# = See Note			
File: U:\204823094\d_working_files\10_electrical\04_calcs\Gig Harbor HS_FB Field.PNL								
Notes:								
Load Type	Conn KVA	NEC Demand Factor	Dem. KVA	Dem. Amps	NEC Feed %		NEC Feed Amps	
Equip	0.90	x 100%	0.90	2	x 100%		2	
Lighting	58.00	x 100%	58.00	161	x 125%		201	
Recept	0.36	10 KVA @ 100%, rest @ 50%	0.36	1	x 100%		1	
Recorded Demand	193.75	x 125%	242.19	672	x 100%		672	
* Recorded Demand calculated as 193.75kVA x 100% S.A.F. x 100% O.A.F.								
			253.01	702 Amps	301.45		837	

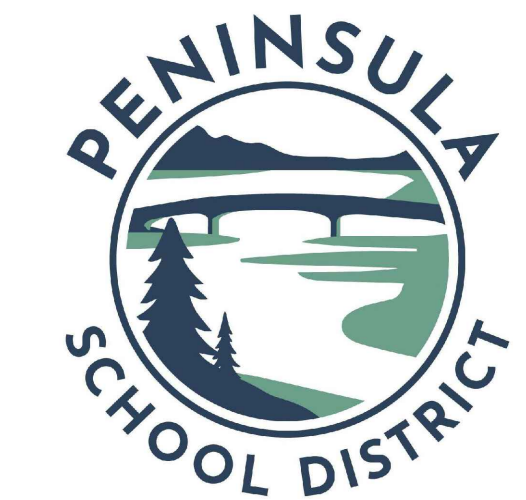
Stantec												Panel
Name 2A		120/208V		3 PH	4W	250A	Main CB				Type: Panelboard	
Location: PEDESTAL		Surface Mounted								10,000 AIC		
Serves:		Single Lugs										
#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1	Lighting POLE F1	4.80	50/3	CB	X			20/1	CB	0.50	Equip SCOREBOARD	2
3	-----POLE F1	4.80	-----	---		X		20/1	CB	0.18	Recept FIELD	4
5	-----POLE F1	4.80	-----	---			X	20/1	CB	0.18	Recept RECEPTACLE PEDESTAL	6
7	Lighting POLE F2	4.80	50/3	CB	X			20/1	CB	0.40	Equip OUTLET - VIDEO SCOREBOARD	8
9	-----POLE F2	4.80	-----	---		X		20/1	CB	0.00	Spare SPARE	10
11	-----POLE F2	4.80	-----	---			X	20/1	CB	0.00	Spare SPARE	12
13	Lighting POLE F3	4.80	50/3	CB	X			20/1	CB	0.00	Spare SPARE	14
15	-----POLE F3	4.80	-----	---		X		20/1	CB	0.00	Spare SPARE	16
17	-----POLE F3	4.80	-----	---			X	20/1	CB	0.00	Spare SPARE	18
19	Lighting POLE F4	4.80	50/3	CB	X			20/1	CB	0.00	Spare SPARE	20
21	-----POLE F1	4.80	-----	---		X		0/1		0.00	Space	22
23	-----POLE F4	4.80	-----	---			X	0/1		0.00	Space	24
25	Lighting AREA LTS	0.13	20/3	CB	X			0/1		0.00	Space	26
27	-----AREA LTS	0.13	-----	---		X		0/1		0.00	Space	28
29	-----AREA LTS	0.13	-----	---			X	0/1		0.00	Space	30
Rev:				PHA		PH B		PH C		* Circuit Breaker Code		
Revised Ckts Marked *		Existing Ckts Marked #		Connected KVA		20.23		19.51		19.51		
204823094										G = GFCI H = HID Rated		
File: U:\204823094\d_working_files\10_electrical\04_calcs\Gig Harbor HS_FB Field.PNL										S = Shunt Trip C = HACR Rated		
										D = Switching Duty # = See Note		
										A = AFCI		
Notes:												
Dem.												
Load Type	Conn KVA	NEC Demand Factor	KVA Dem. Amp NEC Feed % NEC Feed Amps									
Equip	0.90	x 100%	0.90 2 x 100% 2									
Lighting	58.00	x 100%	58.00 161 x 125% 201									
Recept	0.36	10 KVA @ 100%, rest @ 50%	0.36 1 x 100% 1									
	59.26	164 Amps	59.26 164 205									

3 REVISED AND NEW PANEL SCHEDULES
E-2.1 SCALE: NONE

KEY NOTES:

- 1 PROVIDE NEW 250A-3P CIRCUIT BREAKER IN OPEN SPACE OF THIRD SECTION OF EXISTING SWITCHBOARD MSB1. PROVIDE RGS CONDUIT AND CONNECT TO EXISTING SPARE 4" CONDUIT.
- 2 ALTERNATE BID #2.

REVISION DATE



GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION

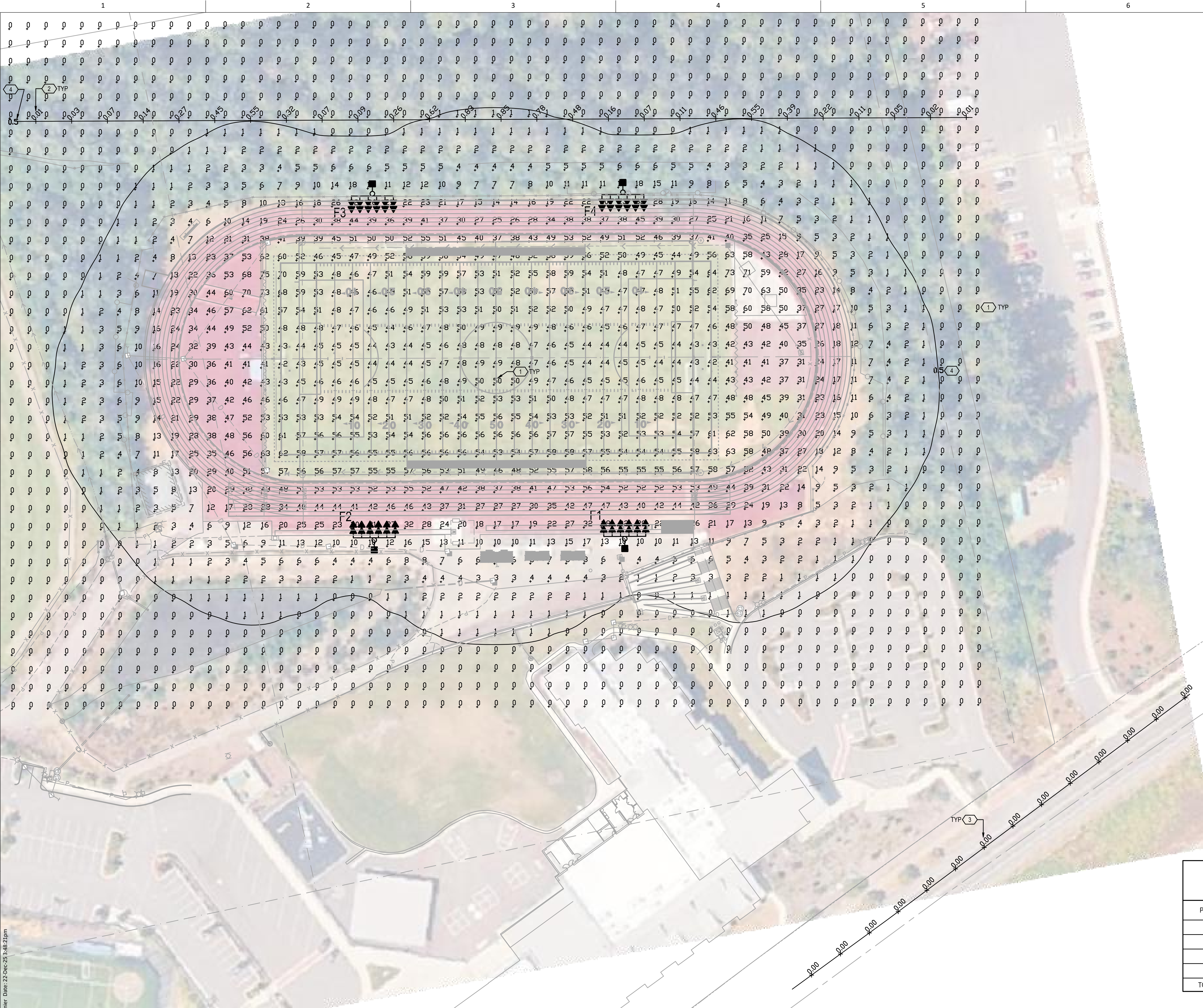


BID SET	
DATE	02-17-26
SCALE	AS INDICATED
DRAWN	AAU
CHECKED	CBF
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ELECTRICAL
ONE-LINE
AND PANEL
SCHEDULES

SHEET
E-2.1

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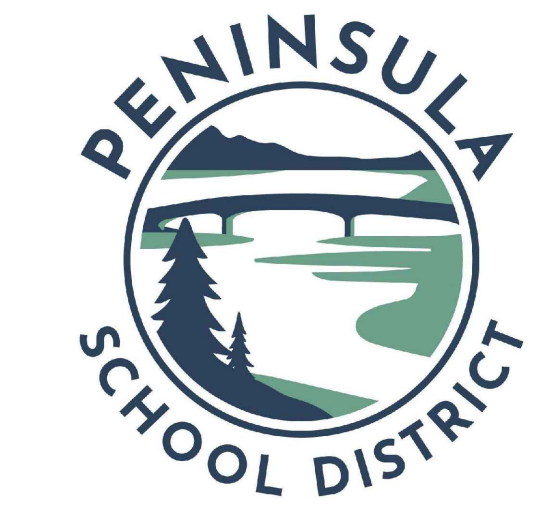
- KEY NOTES:**
- 1. CALCULATED SPILL LIGHT READING SHOWN IN FOOT-CANDLES. LIGHT READING IS CALCULATED IN THE HORIZONTAL PLANE AT 3'-0" ABOVE FIELD ELEVATION.
 - 2. CALCULATED SPILL LIGHT READING SHOWN IN FOOT-CANDLES. LIGHT READING IS CALCULATED IN THE VERTICAL PLANE AT 3'-0" ABOVE FIELD ELEVATION.
 - 3. CALCULATED SPILL LIGHT READING SHOWN IN FOOT-CANDLES. LIGHT READING IS CALCULATED IN THE VERTICAL PLANE AT 5'-0" ABOVE ROAD.
 - 4. ISO FOOT-CANDLE LINE SHOWING LIGHTING LIMIT OF 0.5 FOOT-CANDLES.

- LEGEND**
- ▲ SHIELDED LED FLOODLIGHT, 1200 WATT, 4500K, 480 VOLT
 - AREA LUMINAIRE, 100 WATT LED, 4000K, 480 VOLT

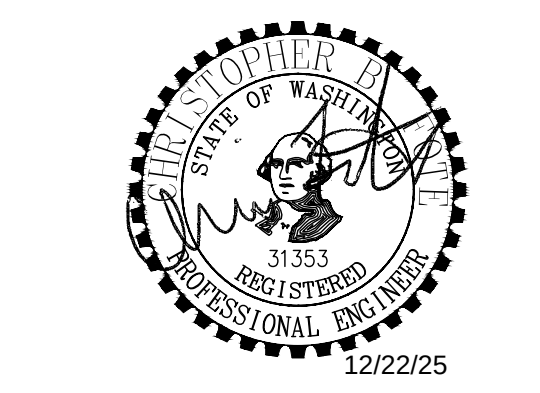
POLE AND FLOODLIGHT SCHEDULE

POLE	HEIGHT	FLOODLIGHTS	BT LIGHTS	AREA LUMINAIRE
F1	80'-0"	12	0	1
F2	80'-0"	12	0	1
F3	80'-0"	12	0	1
F4	80'-0"	12	0	1
TOTAL		48	0	4

REVISION DATE



**GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION**



PERMIT SET	
DATE	12-22-25
SCALE	AS INDICATED
DRAWN	AAU
CHECKED	CBF
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**SPILL LIGHT
PLAN**

**SHEET
ESPL**

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DESIGN LOADS

ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2021 EDITION, AS AMENDED BY THE STATE OF WASHINGTON.

SEISMIC LOADS: EARTHQUAKE DESIGN IS BASED ON THE EQUIVALENT LATERAL FORCE PROCEDURE IN ASCE 7-16 CHAPTER 12.8 AND 15.4 WITH THE FOLLOWING FACTORS:

SITE CLASS D
RISK CATEGORY II (LIGHT POLES), I (SCOREBOARDS)
SEISMIC DESIGN CATEGORY D
S_s = 1.49 g
S₁ = 0.52 g
S_{DS} = 0.99 g
S_{D1} = 0.62 g
T_L = 6 SECONDS
I_E = 1.0
R = 1.5 (LIGHT POLES)
= 3.0 (SCOREBOARDS)

WIND LOADS: WIND LOAD IS DETERMINED USING CHAPTER 26-31 OF ASCE 7-16 IN ACCORDANCE WITH IBC SECTION 1609 WITH THE FOLLOWING FACTORS:

EXPOSURE CATEGORY C
V_{3S} = 100 MPH (LIGHT POLES - RISK CAT II)
= 92 MPH (SCOREBOARDS - RISK CAT I)
K_{zt} = 1.00
I_w = 1.00
K_d = 0.95 (LIGHT POLES)
= 0.85 (SCOREBOARDS)

SOIL LOADS: FOUNDATIONS ARE STEEL OR PRECAST POLES INSTALLED IN CONCRETE SHAFT EXCAVATIONS. ALLOWABLE SOIL VALUES ARE BASED ON SOILS NOTED IN THE GEOTECHNICAL REPORT.

ALLOWABLE LATERAL SOIL-BEARING PRESSURE 150 PCF
ALLOWABLE VERTICAL SOIL-BEARING PRESSURE 4000 PSF

THE UPPERMOST 2'-0" OF SOIL IS NEGLECTED REGARDING PASSIVE PRESSURE AND FRICTION RESISTANCE. LATERAL PRESSURES ARE ASSUMED TO ACT OVER TWO TIMES THE PILE DIAMETER IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

GENERAL NOTES

SUBMITTALS: SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION FOR ALL STEEL AND FOUNDATION ITEMS. IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

DEFERRED SUBMITTALS: DRAWINGS AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY OTHERS SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN AN SHALL BE SUBMITTED TO THE FIELD CONSULTANT AND THE BUILDING DEPARTMENT FOR REVIEW PRIOR TO FABRICATION.

INSPECTION: SPECIAL INSPECTION PER IBC CHAPTER 17 SHALL BE PERFORMED BY AN APPROVED TESTING AGENCY AS OUTLINED IN THE SPECIAL INSPECTION SCHEDULE AND AS INDICATED IN THE PROJECT SPECIFICATIONS. ALL PREPARED SOIL-BEARING SURFACES SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL, CONCRETE, OR STEEL POSTS.

SPECIAL CONDITIONS: CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ENGINEER OF RECORD BEFORE PROCEEDING. DIMENSIONS NOTED AS PLUS OR MINUS (+) INDICATE UNVERIFIED DIMENSIONS AND ARE APPROXIMATE. NOTIFY ENGINEER OF RECORD IMMEDIATELY OF CONFLICTS OR EXCESSIVE VARIATIONS FROM INDICATED DIMENSIONS. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS--DO NOT SCALE DRAWINGS. DIMENSIONS OF EXISTING CONDITIONS MAY BE BASED ON RECORD DRAWINGS AND ARE TO BE FIELD-VERIFIED BY THE CONTRACTOR.

CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY EXCAVATION. CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND BRACING OF ALL STRUCTURAL MEMBERS, EXISTING CONSTRUCTION AND SOIL EXCAVATIONS, AS REQUIRED, AND IN A MANNER SUITABLE TO THE WORK SEQUENCE. TEMPORARY SHORING AND BRACING SHALL NOT BE REMOVED UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS AND MATERIALS HAVE ACHIEVED DESIGN STRENGTH.

CONTRACTOR SHALL VERIFY THAT NO EXISTING NEARBY OBSTRUCTIONS OCCUR THAT WOULD LIMIT INSTALLATION/ERECTION OR THAT THE LIGHTING POLES MAY COME INTO CONTACT WITH.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.

SOILS: SEE THE GEOTECHNICAL REPORT BY AESI, DATED NOVEMBER 4, 2025, FOR MORE COMPLETE INFORMATION. ALL TOPSOIL ORGANICS AND LOOSE SOIL SHALL BE REMOVED AND SHALL NOT BE USED AS BEARING SURFACE. OVEREXCAVATION MAY BE REQUIRED TO REACH COMPETENT SOIL NOTED IN THE GEOTECHNICAL REPORT. THE LENGTH OF THE FOUNDATION SHAFT NOTED ON THE DRAWINGS MUST BEAR ON AND AGAINST UNDISTURBED AND COMPETENT SOILS.

REMOVAL OF ORGANIC FILL SOILS ADJACENT TO THE FOUNDATIONS TO A WIDTH OF 1.5X THE DEPTH OF THE ORGANIC FILL SHALL BE PERFORMED. COMPACTED FILL MATERIALS SHALL BE PROVIDED. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL GUIDANCE.

FULL DEPTH CASING MAY BE NECESSARY TO PREVENT SOIL FLOW. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT EXCESSIVE SOIL MOVEMENT DURING EXCAVATION AND SHALL BE PREPARED TO IMMEDIATELY CASE THE FOUNDATION EXCAVATIONS IF EXCESSIVE SOIL MOVEMENT IS OBSERVED. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL GUIDANCE.

THE EXISTING GEOTECHNICAL REPORT FOR THE SITE INDICATES VASHON LODGEMENT TILL, COUBLES OR BOULDERS MAY BE PRESENT WHICH COULD BE ENCOUNTERED DURING DRILLING. IF COBBLES OR BOULDERS ARE ENCOUNTERED COORDINATE WITH THE GEOTECHNICAL ENGINEER AND THE FIELD CONSULTANT FOR ADDITIONAL DIRECTION. IF THE LIGHT POLES OR SCOREBOARD LOCATIONS ARE TO SHIFT, COORDINATE WITH THE FIELD CONSULTANT.

NOTIFY ENGINEER AND GEOTECHNICAL ENGINEER IF FOUNDATIONS ARE NEAR ANY RETAINING WALLS OR WITHIN OR NEAR ANY SLOPES GREATER THAN 3H:1V FOR ADDITIONAL DIRECTION PRIOR TO FABRICATION AND INSTALLATION AS ADDITIONAL FOUNDATION EMBEDMENT MAY BE REQUIRED.

DRILLED PIERS

CONCRETE WORK SHALL BE PLACED IN ONE CONTINUOUS OPERATION WITH NO COLD OR CONSTRUCTION JOINTS. WATER SHALL BE REMOVED FROM PLACE OF DEPOSIT BEFORE THE CONCRETE IS PLACED UNLESS TREMIE IS TO BE USED. TREMIE SHALL BE USED WHEN GROUND WATERTABLE IS ABOVE BOTTOM OF FOUNDATION OR PERCHED WATER IS UNABLE TO BE REMOVED. PREVENT CONCRETE OR TREMIE TUBE FROM HITTING SIDES OF EXCAVATION AND LOOSENING SOIL. PLACE CONCRETE IMMEDIATELY AFTER EXCAVATION AND GEOTECHNICAL INSPECTIONS. DO NOT LEAVE EXCAVATION UNPROTECTED OR OPEN.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF CHAPTER 19 OF THE INTERNATIONAL BUILDING CODE.

CONCRETE MIXES: CONCRETE MIXES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

f_c TEST AGE MAX. AGG. MAX. W/C
(PSI) (DAYS) SIZE (IN.) RATIO USE EXPOSURE CLASS
4,500 28 1 0.45 DRILLED PIER FOUNDATIONS F2 S0 W0 C0

WATER-REDUCING ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CACL₂ OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

WATER/CEMENT RATIO SHALL BE MEASURED BY WEIGHT AND SHALL BE BASED ON THE TOTAL CEMENTITIOUS MATERIAL. WATER/CEMENT RATIO AND WATER CONTENT SHALL BE DETERMINED BY THE SUPPLIER BASED ON STRENGTH REQUIREMENTS AND SHALL NOT EXCEED THE MAXIMUM WATER/CEMENT RATIO AND/OR WATER CONTENT IF SHOWN ABOVE.

FIELD-MEASURED SLUMP SHALL CONFORM TO THE SUBMITTED CONCRETE MIX DESIGN. TOLERANCE OF SLUMP SHALL CONFORM TO ASTM C 94.

AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C 260 SHALL BE USED IN ALL CONCRETE MIXES. THE AMOUNT OF ENTRAINED AIR SHALL BE 6 PERCENT ±1 1/2 PERCENT BY VOLUME. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE FROM THE TRUCK.

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR APPROVAL 2 WEEKS PRIOR TO PLACING ANY CONCRETE. THE MIX DESIGN SHALL BE IN CONFORMANCE WITH IBC 1905.

REINFORCING STEEL
DEFORMED BARS ASTM A 615, GRADE 60

REINFORCING SHALL BE SUPPORTED AS SPECIFIED BY THE CRSI MANUAL OF STANDARD PRACTICE, 28TH EDITION. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD OF PRACTICE AS OUTLINE IN "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT, ACI 315."

LAP ALL REINFORCING AS NOTED ON THE DRAWINGS.

REINFORCING STEEL SHALL HAVE PROTECTION AS FOLLOWS, UNLESS NOTED OTHERWISE:
USE COVER
PILE BARS 3"

STRUCTURAL STEEL

REFERENCE SPECIFICATIONS
STRUCTURAL STEEL AISC 360 - SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS

STEEL MATERIALS
WIDE FLANGES ASTM A 992

STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF IBC CHAPTER 22. ALL MEMBERS ARE TO BE ERECTED WITH NATURAL MILL CAMBER OR INDUCED CAMBER UP, UNLESS OTHERWISE NOTED ON THE PLANS. SUBSTITUTION OF MEMBER SIZES OR STEEL GRADE WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND UNEQUAL PARTS.

GALVANIZING
STRUCTURAL STEEL AND CONNECTIONS, INCLUDING PLATES AND OTHER STEEL ITEMS EMBEDDED IN CONCRETE, WHICH ARE EXPOSED TO WEATHER OR EARTH AND NOT TO BE PAINTED SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN COMPLIANCE WITH ASTM A 123. DAMAGED GALVANIZED MATERIAL SHALL BE COATED WITH BRUSH APPLIED ZINC-RICH PAINT. COORDINATE COATINGS WITH THE FIELD CONSULTANT.

STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS AND TESTING

Gig Harbor High School
Field and Track Renovation
PL-SPR-26-0011 et al
Hearing Examiner 06.16.2026
Exhibit 1

TABLE 1 - REQUIRED GEOTECHNICAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	INSPECTION				REMARKS
	IBC CODE	CODE OR STANDARD	FREQUENCY (NOTE 6)		
	REFERENCE	REFERENCE	CONTINUOUS	PERIODIC	
SOILS					
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	TB 1705.6 1705.6	GEOTECHNICAL REPORT	-	X	BY THE GEOTECHNICAL ENGINEER
CAST-IN-PLACE DEEP FOUNDATION ELEMENTS					
INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	TB 1705.8 1705.8	GEOTECHNICAL REPORT	X	-	-
VERIFY PLACEMENT LOCATIONS AND PLUMPNESS, CONFIRM ELEMENT DIAMETERS, AND ADEQUATE END BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.			X	-	BY THE GEOTECHNICAL ENGINEER
FOR CONCRETE ELEMENTS, PERFORM ADDITIONAL INSPECTIONS AND TESTS.			TB 1705.8 1705.3	-	-

TABLE 2 - REQUIRED STRUCTURAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	IBC CODE REFERENCE	INSPECTION		FREQUENCY (NOTE 6)		REMARKS
		CODE OR STANDARD REFERENCE		CONTINUOUS	PERIODIC	
CONCRETE						
VERIFY USE OF REQUIRED DESIGN MIX.	TB 1705.3(5) 1705.3 1904 1908.2 1908.3	ACI 318: 19, 26.4.3-26.4.4, 26.13.3	-	X		-
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	TB 1705.3(6) 1908.10	ASTM C 172 ASTM C 31 ACI 318: 26.4, 26.12	X	-		-
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	TB 1705.3(7) 1705.3 1908.6-8	ACI 318: 26.5, 26.13.3	X	-		-

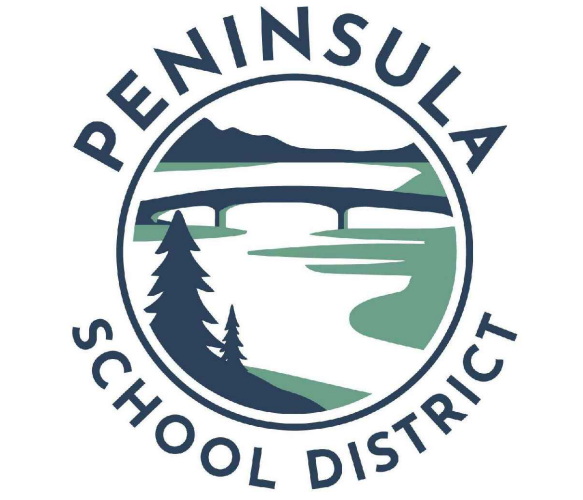
TABLE 3 - REQUIRED STRUCTURAL TESTING

SYSTEM OR MATERIAL	IBC CODE REFERENCE	TESTING		REMARKS
		CODE OR STANDARD REFERENCE	FREQUENCY CONTINUOUS PERIODIC	
CONCRETE				
COMPOSITE SAMPLES	1903 1705.3	ASTM C 172 ACI 318: 26.12	ONE SAMPLE FOR EA 150 CY, ONE SET PER DAY MIN	OBTAIN WHEN FRESH CONCRETE IS PLACED FOR EACH MIX DESIGN USED
CONCRETE STRENGTH, UNO		ASTM C 39 ACI 318: 26.12	EACH SAMPLE: 1 CYL - 7 DAYS 3 CYL - TEST AGE 1 CYL - HOLD	(NOTE 8) REFER TO GENERAL NOTES FOR TEST AGE. FOR 6 BY 12-INCH CYLINDERS, 2 CYLINDERS AT TEST AGE IS PERMITTED. CYL = CYLINDER
CONCRETE SLUMP		ASTM C 143	ONE TEST PER COMPOSITE SAMPLE	AT POINT OF PLACEMENT
CONCRETE AIR CONTENT		ASTM C 231	ONE TEST PER COMPOSITE SAMPLE	MIN ONE PER DAY
CONCRETE TEMPERATURE		ASTM C 1064	ONE TEST PER COMPOSITE SAMPLE	ONE TEST PER HOUR WHEN AIR TEMP IS BELOW 40 DEG F OR ABOVE 80 DEG F

STATEMENT OF SPECIAL INSPECTION AND TESTING NOTES:

- SPECIAL INSPECTIONS SHALL CONFORM TO CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE REFERENCE CODES AND STANDARDS LISTED IN NOTE 2. REFER TO TABLES 1 AND 2 FOR SPECIAL INSPECTION AND TABLE 3 FOR TESTING REQUIREMENTS.
- REFERENCE CODES AND STANDARDS ARE AS FOLLOWS:
IBC 2021 AISC 360-16 ACI 318-19 ASTM CURRENT EDITION
- SPECIAL INSPECTIONS AND ASSOCIATED TESTING SHALL BE PERFORMED BY AN APPROVED QUALIFIED TESTING AND INSPECTING AGENCY MEETING THE REQUIREMENTS OF ASTM E 329 (MATERIALS), ASTM D 3740 (SOILS), ASTM C 1077 (CONCRETE), ASTM A 880 (STEEL), AND ASTM E 543 (NON-DESTRUCTIVE). THE TESTING AND INSPECTING AGENCY SHALL FURNISH TO THE FIELD CONSULTANT A COPY OF THEIR SCOPE OF ACCREDITATION. SPECIAL INSPECTORS SHALL BE CERTIFIED BY THE BUILDING OFFICIAL.
- THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND NOTED IN THE INSPECTION REPORTS. ISSUES REQUIRING IMMEDIATE CORRECTIVE ACTIONS OR ENGINEERING INPUT ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY UPON DISCOVERY.
- THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER, FIELD CONSULTANT, CONTRACTOR, AND OWNER. THE TESTING AND INSPECTING AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.
- CONTINUOUS SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED. PERIODIC SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.
- OBSERVE: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
PERFORM: PERFORM THESE TASKS FOR EACH ELEMENT.
- INDICATED CONCRETE TESTING MEETS MINIMUM REQUIREMENTS FOR STRUCTURAL TESTING TO BE PROVIDED BY THE APPROVED QUALIFIED TESTING AND INSPECTING AGENCY. ADDITIONAL TESTING FOR CONSTRUCTION CONSIDERATIONS ARE NOT INDICATED AND SHALL BE DETERMINED BY THE CONTRACTOR AND PROVIDED AT CONTRACTOR'S EXPENSE.

REVISION DATE



GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION



PERMIT SET

DATE	12-22-25
SCALE	NO SCALE
DRAWN	TSW
CHECKED	SLR

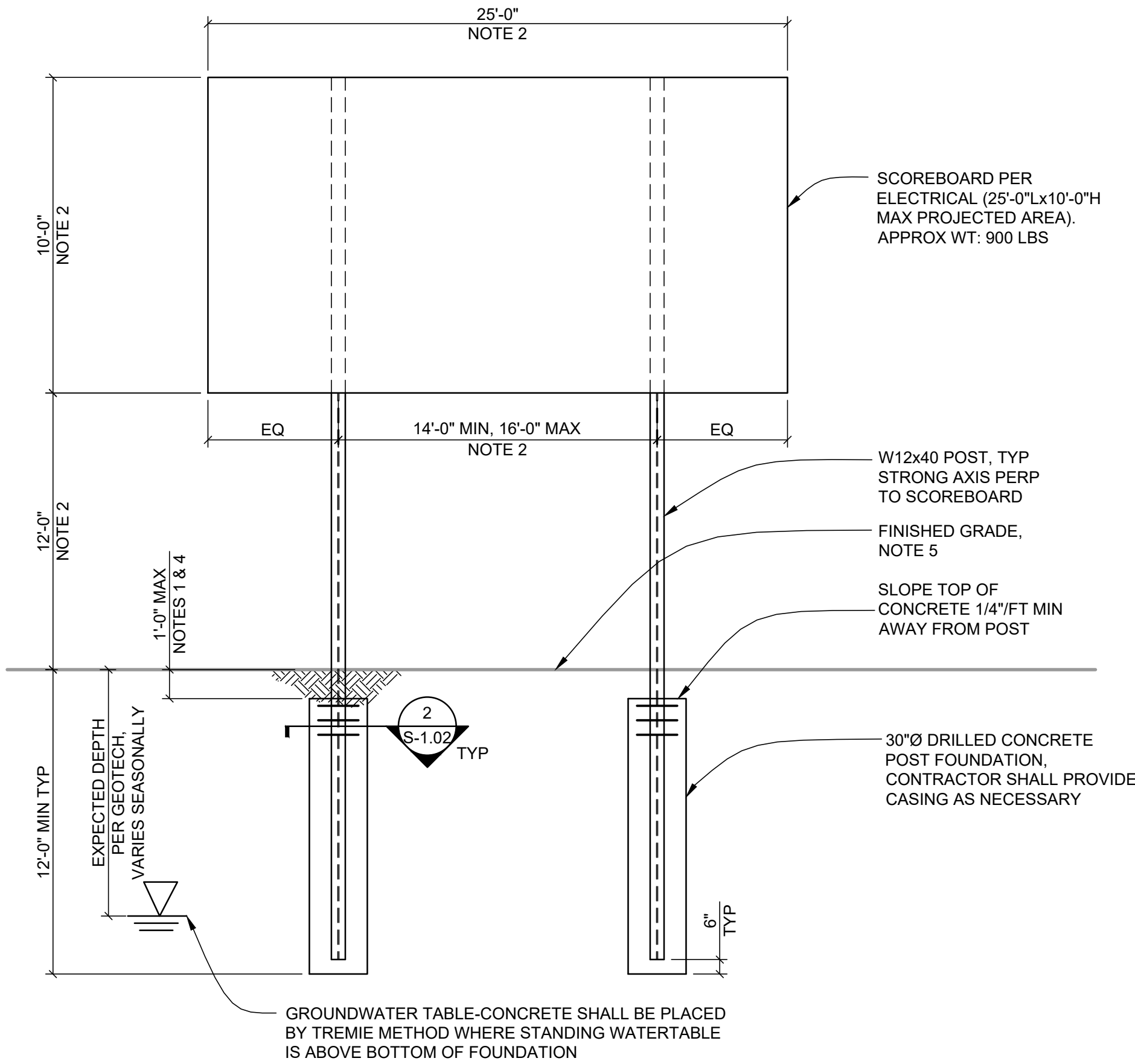
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STRUCTURAL
NOTES AND
INSPECTION
SCHEDULE

SHEET

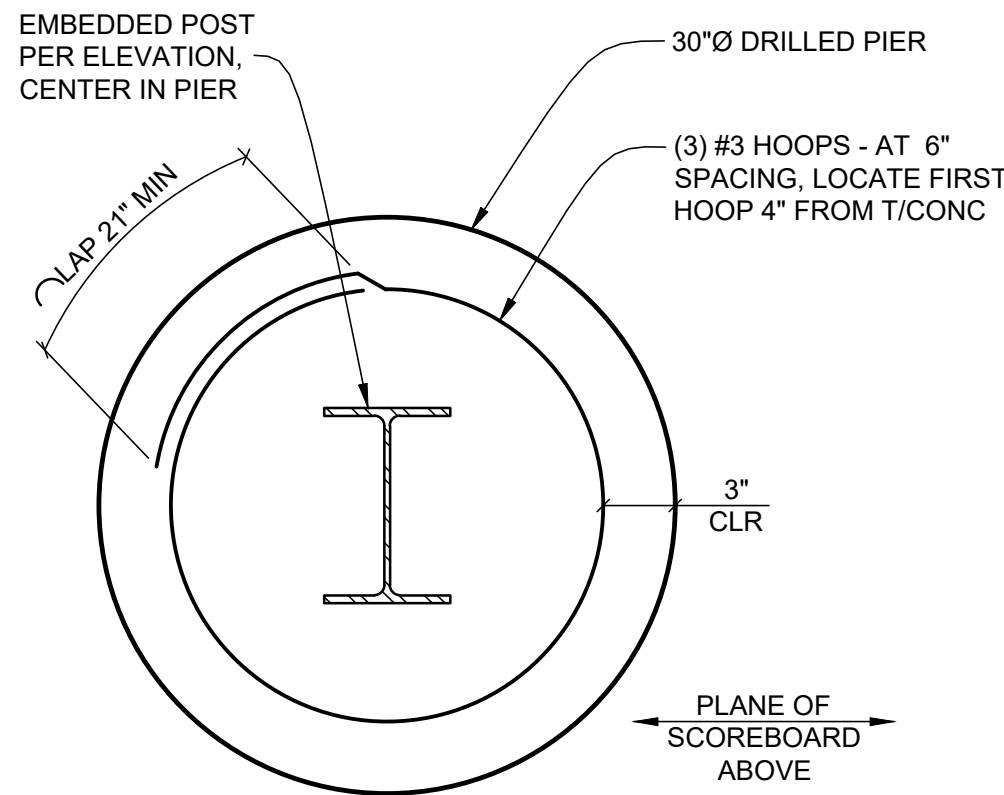
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- NOTES:
1. ALL STEEL MEMBERS TO BE PRIME COATED AND PAINTED WITH EXTERIOR GRADE PAINT PER THE FIELD CONSULTANT. COAT PORTION OF STEEL MEMBERS IN CONTACT WITH SOIL WITH AN ASPHALT EMULSION.
 2. VERIFY DIMENSIONS WITH DISPLAY AND FIELD CONSULTANT PRIOR TO FABRICATION AND INSTALLATION. DISPLAY IS MADE UP OF ANY COMBINATION OF SCOREBOARDS, AD PANELS, TRUSSES, VIDEO BOARDS, AND MESSAGE CENTERS.
 3. ATTACHMENT OF DISPLAY TO POSTS IS PER THE SCOREBOARD INSTALLER.
 4. ACCEPTABLE TO PROVIDE MOW STRIP OR CONCRETE SLAB ABOVE TOP OF FOUNDATION. COORDINATE WITH FIELD CONSULTANT.
 5. PROVIDE ADEQUATE POST LENGTH TO ACCOUNT FOR DIFFERING GRADE ELEVATIONS. ENSURE MINIMUM EMBEDMENT DEPTHS ARE OBTAINED.

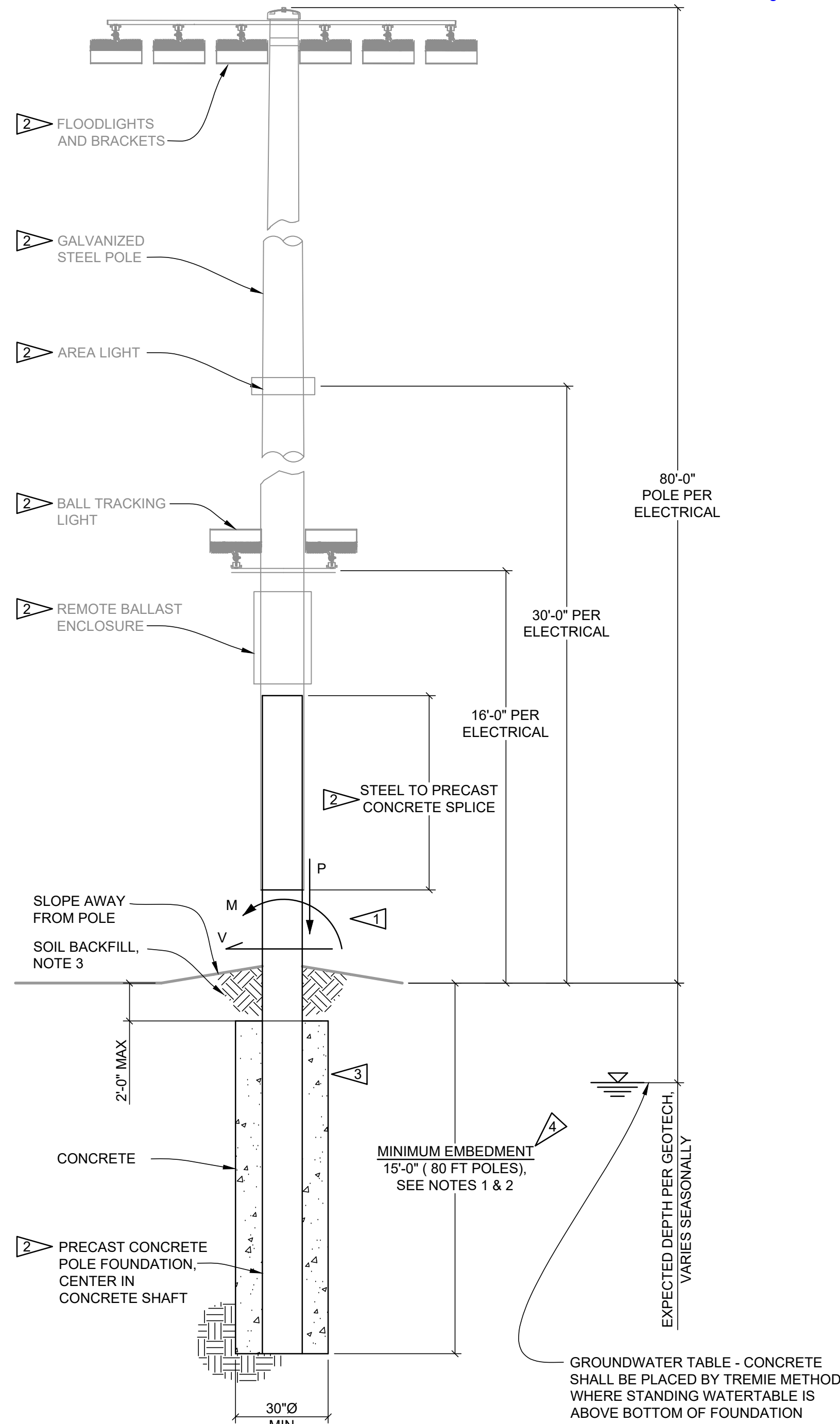
1 SCOREBOARD SUPPORT POST AND FOUNDATION DETAIL
S-1.02 SCALE: NONE



2 SCOREBOARD FOUNDATION CROSS SECTION
S-1.02 SCALE: NONE

- 1 SEE LOAD SCHEDULE.
- 2 STRUCTURAL DESIGN BY OTHERS. SEE DEFERRED SUBMITTAL REQUIREMENTS IN GENERAL NOTES.
- 3 THE CONTRACTOR SHALL BE PREPARED TO IMMEDIATELY CASE THE FOUNDATION EXCAVATION IF EXCESSIVE SOIL MOVEMENT IS OBSERVED.
- 4 MINIMUM EMBEDMENT DEPTH SHOWN. COORDINATE WITH POLE SUPPLIER AS ADDITIONAL DEPTH MAY BE REQUIRED FOR THE PRECAST BASE.

3 LIGHT POLE FOUNDATION - SHEET FLAG NOTES
S-1.02 SCALE: NONE



- NOTES:
1. EMBEDMENT DEPTH SHALL BE MEASURED FROM LOWEST ADJACENT GRADE. AT LOCATIONS ADJACENT TO SLOPES (WITHIN THE LENGTH OF EMBEDMENT) LESS THAN OR EQUAL TO 3H:1V, THIS SHALL BE MEASURED AT A DISTANCE OF THE EMBEDMENT DEPTH FROM THE FOUNDATION ON THE SLOPE. AT VERTICAL GRADE STEPS THIS SHALL BE MEASURED AT THE LOWER GRADE UNLESS APPROVED BY THE GEOTECHNICAL ENGINEER.
 2. THE GEOTECHNICAL REPRESENTATIVE SHALL BE ON SITE DURING EXCAVATION TO FIELD VERIFY CONDITIONS DURING DRILLING TO ENSURE DRILL DEPTH ACHIEVES COMPETENT SOILS. CONTRACTOR SHALL BE PREPARED TO TEMPORARILY SUSPEND THE PRECAST POLE BASE AS NECESSARY IN THE EVENT THE EXCAVATION IS DEEPER THAN PRECAST CONCRETE POLE FOUNDATION EMBEDMENT.
 3. SOIL BACKFILL SHALL BE PROVIDED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER.

80'-0" POLE			
GOVERNING UNFACTORED FOUNDATION DESIGN LOADS			
	V	M	P
WIND	3.3k	154k-ft	-
SEISMIC	1.8k	94k-ft	0.5k
DEAD	-	-	2.9k

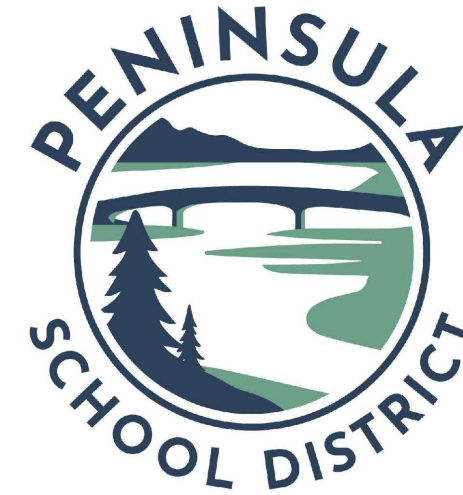
NOTE:
80'-0" POLE SHALL HAVE NO MORE THAN (10) LED FLOODLIGHTS AT 80', (1) LED AREA LIGHT AT 30', AND (2) LED BALL TRACKING LIGHT AT 16'. EACH LIGHT AND MOUNTING SHALL HAVE A MAXIMUM EPA OF 2.5 SQ. FT.

- SCHEDULE NOTES:
1. NOTED VERTICAL DEAD LOADS DO NOT INCLUDE PRECAST BASE WEIGHT.
 2. LOADS ARE NOMINAL UNFACTORED LOADS AT THE GROUND SURFACE.

4 LIGHT POLE FOUNDATION DETAIL
S-1.02 SCALE: NONE

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Hearing Examiner 06.16.2026
Exhibit 1

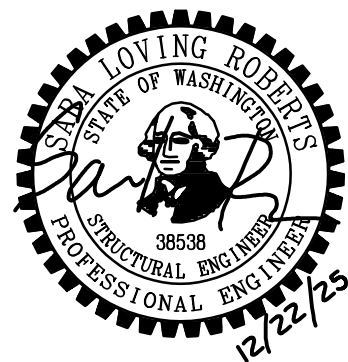
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GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



kpff



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CHECKED	SLR
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STRUCTURAL DETAILS

SHEET

S-1.02

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STRUCTURAL NOTES

DESIGN LOADS

ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2021 EDITION.

WIND LOADS

WIND LOAD IS DETERMINED USING CHAPTERS 26-31 OF ASCE 7 IN ACCORDANCE WITH IBC SECTION 1609 WITH THE FOLLOWING FACTORS:

RISK CATEGORY I
EXPOSURE CATEGORY B
K_{zt} = 1.00
V = 92 MPH

SOIL LOADS

ALLOWABLE VERTICAL BEARING PRESSURE 2000 PSF
ALLOWABLE LATERAL BEARING PRESSURE 150 PSF (1/3 INCREASE FOR WIND)

SEISMIC LOADS

SITE CLASS D
RISK CATEGORY I
SEISMIC DESIGN CATEGORY D - STIFF SOIL
I_s = 1.0 S_s = 1.484 g
S₁ = 0.518 g S_{0.5} = 0.989 g
T_L = 6 SECONDS

GENERAL NOTES

SUBMITTALS

SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO ANY FABRICATION OR CONSTRUCTION FOR ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING: CONCRETE OR MASONRY REINFORCEMENT, PRECAST OR PRESTRESSED CONCRETE ITEMS, EMBEDDED STEEL ITEMS, STRUCTURAL STEEL, STEEL JOISTS, STEEL DECK, SHEAR STUD LAYOUT, METAL GRATING, GLUED-LAMINATED MEMBERS, CLADDING PANELS AND STAIRS.

IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

SOILS

SEE THE GEOTECHNICAL REPORT BY ASSOCIATED EARTH SCIENCES, INC. DATED NOVEMBER 4, 2025. EARTHWORK MATERIAL, BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. BACKFILL BEHIND WALLS SHALL NOT BE PLACED BEFORE THE WALLS AND SUPPORTING SLABS ACHIEVE 28 DAY CONCRETE STRENGTH OR THE WALLS ARE TEMPORARILY BRACED. ALL TOPSOIL ORGANICS AND LOOSE SURFACE SOIL SHALL BE REMOVED FROM BENEATH FILL SUPPORTING CONCRETE SLABS OR PAVING.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF IBC CHAPTER 19.

CONCRETE MIXTURES

CONCRETE MIXTURES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

CONCRETE MIXTURES									
f _c (PSI)	TEST AGE (DAYS)	EXPOSURE CLASS				USE			
		F	S	W	C	F	S	W	C
4,000	28	F2	S0	W1	C0	FOUNDATIONS			

CONCRETE MIXTURES SHALL CONFORM TO THE MOST STRINGENT REQUIREMENTS FOR EXPOSURE CLASSES SPECIFIED IN THE TABLE ABOVE AND ACI 318 TABLE 19.3.2.1.

WATER-REDUCING ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CaCl₂ OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

WATER/CEMENTITIOUS MATERIALS RATIO SHALL BE MEASURED BY WEIGHT AND SHALL BE BASED ON THE TOTAL CEMENTITIOUS MATERIAL. WATER/CEMENTITIOUS MATERIALS RATIO AND WATER CONTENT SHALL BE DETERMINED BY THE SUPPLIER BASED ON STRENGTH REQUIREMENTS AND SHALL NOT EXCEED THE MAXIMUM WATER/CEMENTITIOUS MATERIAL RATIO AND/OR WATER CONTENT IF SHOWN ABOVE OR IN ACI 318 TABLE 19.3.2.1 FOR THE EXPOSURE CLASSES LISTED.

FIELD-MEASURED SLUMP SHALL CONFORM TO THE SUBMITTED CONCRETE MIX DESIGN. TOLERANCE OF SLUMP SHALL CONFORM TO ASTM C 94.

REINFORCING STEEL

DEFORMED BARS ASTM A 615, GRADE 60

REINFORCING SHALL BE SUPPORTED AS SPECIFIED BY THE PROJECT SPECIFICATIONS AND THE CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD OF PRACTICE AS OUTLINED IN ACI 315, "GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS".

LAP ALL REINFORCING BARS WITH A MINIMUM LAP LENGTH OF 25" FOR BOTTOM BARS (L_b) AND 33" FOR TOPBARS (L_t) WHERE REQUIRED.

STRUCTURAL STEEL

REFERENCE SPECIFICATIONS

- STRUCTURAL STEEL: AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"

STEEL MATERIALS

- STEEL PIPE: ASTM A53 GRADE B

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND UNEQUAL PARTS.

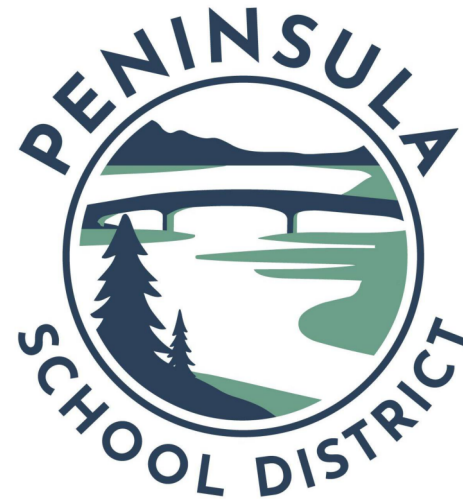
SPECIAL INSPECTIONS AND TESTING SCHEDULE

ESTABLISHED PER IBC 2021 SECTION 110 AND CHAPTER 17

SYSTEM OR MATERIAL	INSPECTION				REMARKS
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		
CONCRETE					
INSPECT REINFORCEMENT AND VERIFY PLACEMENT	TB 1705.3(1) 1705.3 1908.4	ACI 318: 20, 25.2-25.3, 26.6.1-26.6.3, 26.8, 26.13.3; AISC 360: N5.8	-	X	TOLERANCE AND REINFORCING PLACEMENT PER ACI 318: 26.6
INSPECT ANCHORS CAST IN CONCRETE	WAC 51-50-1705	ACI 318 17.8.2; AISC 360: N5.8	-	X	ALL ANCHORS SHALL BE VISUALLY INSPECTED
VERIFY USE OF REQUIRED DESIGN MIX.	TB 1705.3(5) 1705.3 1904 1908.2 1908.3	ACI 318: 19, 26.4.3-26.4.4, 26.13.3	-	X	-
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	TB 1705.3(6) 1908.10	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	X	-	-
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	TB 1705.3(7) 1705.3 1908.6-8	ACI 318: 26.5, 26.13.3	X	-	-
VERIFY CURING METHOD AND DURATION OF CURING FOR EACH MEMBER.	-	ACI 318: 26.5,26.13.3	-	X	-
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	TB 1705.3(12) 1705.3	ACI 318: 26.11.1,2(b)	-	X	-

TABLE 1 - REQUIRED GEOTECHNICAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	INSPECTION				REMARKS
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 5)		
CONTINUOUS					
PERIODIC					
SOILS					
VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	1704.7	GEOTECHNICAL REPORT	-	X	BY THE GEOTECHNICAL ENGINEER
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.			-	X	
PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS.			-	X	
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.			X	-	
PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.			-	X	



GIG HARBOR HIGH SCHOOL FIELD & TRACK RENOVATION



DA HOGAN
1450 114th Ave. SE, Suite 225
Bellevue, WA 98004
p. 206.285.0400
www.dahogan.com



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STRUCTURAL NOTES

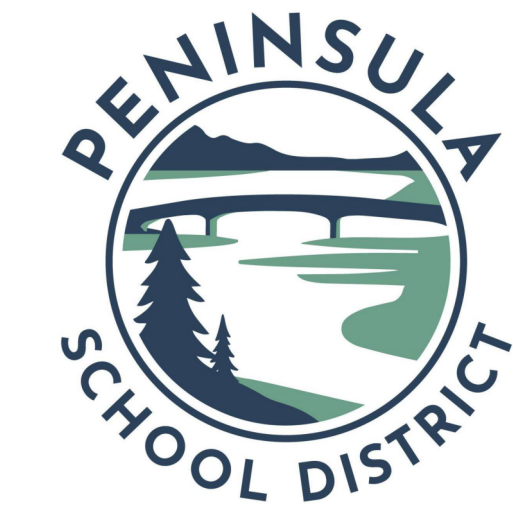
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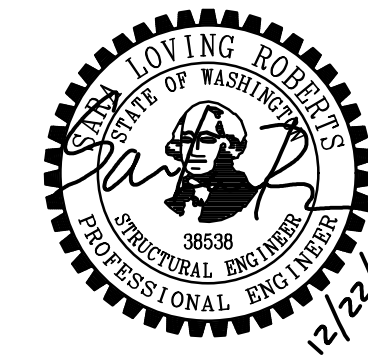
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Gig Harbor High School
Field and Track Renovation
PL-SPR-26-0001 et al
Hearing Examiner 06.16.2026
Exhibit 1

REVISION DATE



GIG HARBOR
HIGH SCHOOL
FIELD & TRACK
RENOVATION



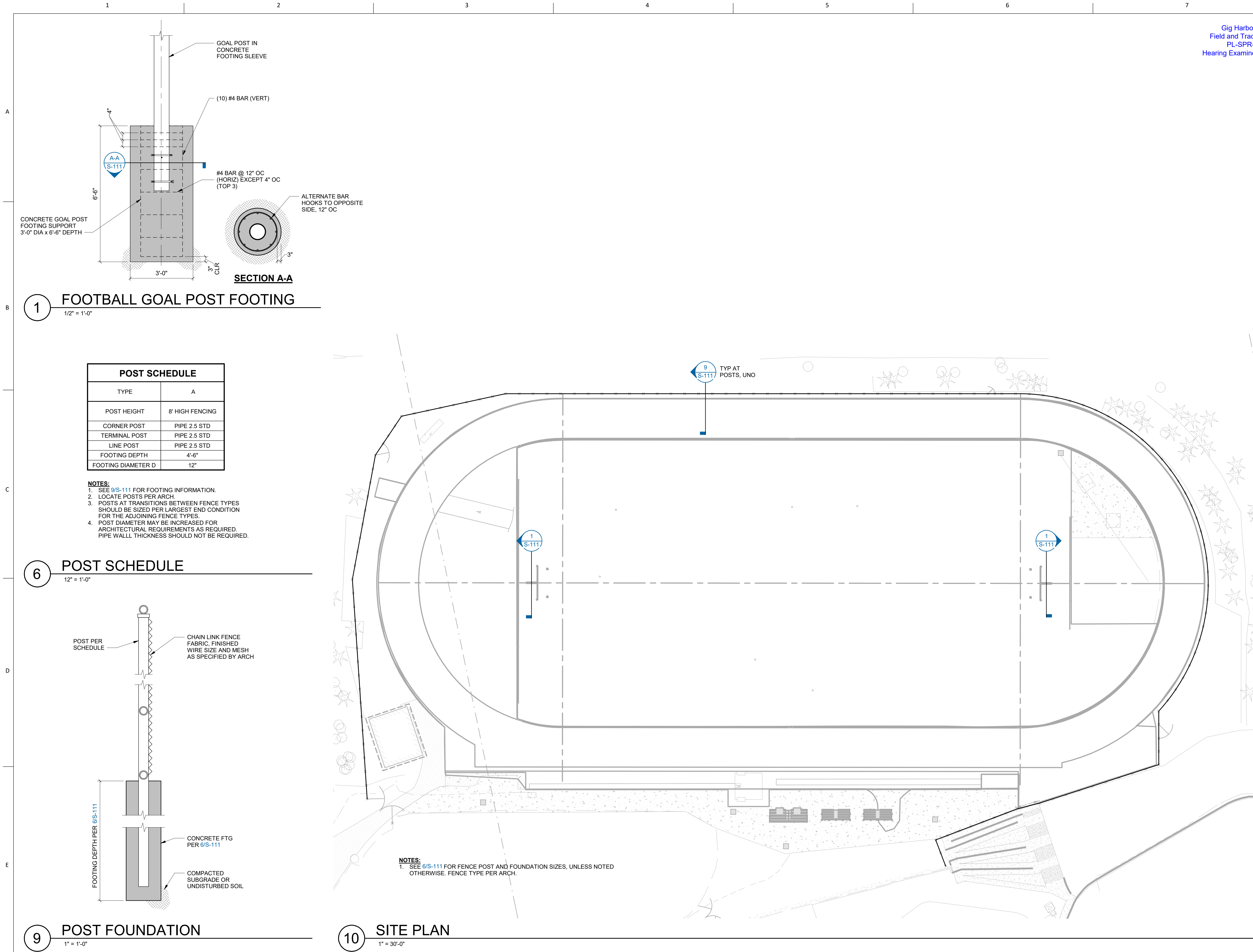
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SITE PLAN AND
DETAILS

SHEET

S-111





Proposal

The existing field and track located behind Pioneer Elementary School is proposed to be lighted.

The design levels for lighting are proposed at a Class III level of play per RP-8 (Recommended Practice for Sports Lighting) by the Illuminating Engineering Society of North America. The field is designed to an average-maintained lighting level of 45 foot-candles. The track is designed to an average-maintained lighting level of 30 foot-candles. A 0.95 design factor is used to achieve the initial lighting levels.

These lighting design levels are typical for scholastic use and are consistent with the adjacent lighted Gig Harbor Athletic Fields.

Existing Codes and Policies

17.67.050 Permit type.

A performance-based height exception is a Type III permit. (Ord. 950 § 1, 2004).

17.67.060 Review criteria.

Except for review occurring under GHMC [17.67.075](#) or [17.67.076](#), the applicant shall demonstrate that the following criteria for approval of the exception have been satisfied:

A. The increased structure height is necessary for effective performance and operation and is the minimum necessary for the structure to function in its intended and permitted use; and

B. Visual impacts beyond the site and within environmentally sensitive areas have been minimized by such measures as, but not limited to:

1. Avoidance, to the extent possible, of shade or light cast into critical areas and wetlands where shade or light may impact the biological functions of critical areas and wetlands;
2. Using color or material to blend the structure into the surrounding environment;
3. Screening the structure with vegetation;
4. Avoidance, to the extent possible, of light trespass onto adjacent properties. (Ord. 1033 § 2, 2006; Ord. 988 § 4, 2005; Ord. 950 § 1, 2004).

17.67.070 Special review criteria for athletic field lighting.

In addition to the criteria specified in GHMC [17.67.060](#), the applicant for an exception for athletic field lighting shall demonstrate that the following criteria for approval of the exception have been satisfied:

A. Athletic field light fixtures to be installed are a "shoebox" style and downward directional; and

B. Both fixtures and poles are painted black, brown or dark green. (Ord. 950 § 1, 2004).

To comply with existing codes an exception to the height limit is requested. This exemption will ensure adequate illumination and reduce the amount of impacts from light and glare into the community.

Existing Conditions

The athletic field and track are located behind Pioneer Elementary School. The project site has large setback distances from Skansie Avenue and is at a 25' lower elevation. The field\track is surrounded on the north, south and east sides by dense trees.

Proposed Equipment

The proposed lighting for the football field and track consists of 48 watt shielded LED floodlights. The floodlights will be mounted on four painted galvanized steel poles surrounding the field. The poles will be 80' tall. Each of the poles will have one additional floodlight mounted at a height of 15' above field grade and aimed above the field. One additional low wattage "full cutoff" area light will be mounted at a height of 30' above grade on the two poles on the east side of the field.

Peninsula School District has proposed to use an athletic field lighting system designed to mitigate the negative impacts of light and glare. The proposed system consists of the latest technology available on the market for shielded LED floodlights designed for the lighting of athletic fields.

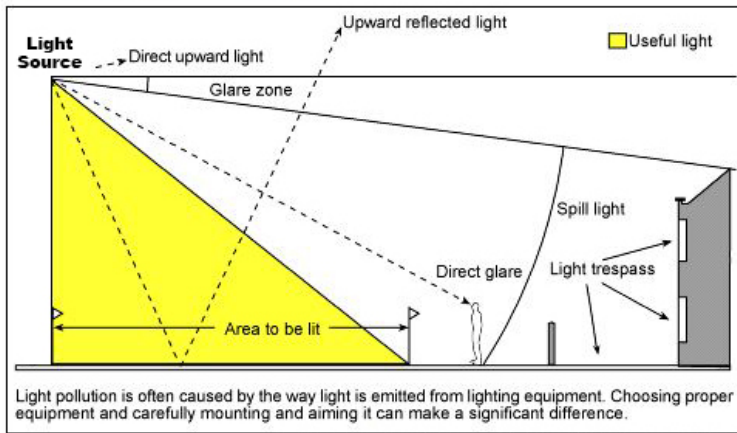
The use of high efficiency LED arrays provides more precise control of light to be delivered to the field. The reflector and shielding design further reduce the amount of light transmitted off site and into the atmosphere. The floodlights utilize an additional external visor mounted to the floodlight that extends in front of the floodlight. The floodlight design is similar to “full cutoff” style and “shoebox” style lights as they dramatically limit the amount of light that is emitted above the plane of the floodlight.



Proposed LED Floodlight

Analysis

The proposed lighting system will limit impacts beyond the site produced during evening hours. The primary impacts of the lighting systems are direct glare, reflected glare, spill light (light trespass), and “sky glow”.



Source: Adapted from The Institution of Lighting Professionals

Diagram illustrating Direct-Glare, Spill Light and Light Trespass

GLARE

The primary sources of glare from the proposed lighting system consist of direct glare from the floodlights and reflected glare (luminance) off the poles, floodlights, and surfaces around the playing fields.

The amount of glare that is present correlates directly to how much of the floodlight lamp and reflector can be observed. The intent of the code is to have floodlight luminaires shielded and directed as far down as possible to reduce the amount of glare that is visible from off-site locations.

To reduce the amount of glare that is visible off-site the floodlights will need to be mounted higher than 35 feet. At a height of 35 feet the visibility of the high wattage LED's and reflectors from within the site and beyond is excessive. With the increased mounting heights floodlights will have steeper aiming angles resulting in more effective use of the floodlight shields. A significantly smaller portion of the floodlight reflectors and LED diodes will be visible off site with the increased height.

Direct glare could be visible from all directions overlooking the site, depending on the distance of the observer from the field, orientation of the floodlights, distribution of intervening buildings, terrain or vegetation that would block the glare. The impacts of direct glare are extremely difficult to quantify, as varying conditions such as existing ambient light levels and current atmospheric conditions will vary the impact. Elevation differences between the level of the sports field lights and the viewpoint is a key determinant in the existence of glare at any given viewing location.

To maximize glare reduction, the use of the proposed "full cutoff" or "shoebox" style LED floodlights provides the most advanced light control and shielding currently available in the sports lighting industry. Additional reduction in direct glare is also provided by the internal shielding of the LED diodes. The additional shielding nearly eliminates direct view of the very bright LED's from off-site viewing locations.

There is minimal off-site exposure to low levels of direct glare due to the large setbacks and screening of the field by the school building and surrounding trees.

Reflected glare could be visible off site, depending direct views into the site, elevation\exposure in relation to the field and track surfaces, exposure to poles\floodlights, distribution of intervening buildings, terrain or vegetation that would block the glare. Of the surfaces that are visible from off site locations, the synthetic athletic field and rubberized track surfaces would be the greatest contributor to reflected glare. The reflected light off the floodlight housings, floodlight visors and poles are a lesser contributor.

The majority of reflected glare impacts are located to areas within the site surrounding the field. Very minor amounts of reflected glare from the tops of the floodlight poles only would be visible off site from the limited view exposure into the site from Skansie Avenue.

Residential properties that are located farther away from the field or situated below the field will have low to minimal reflected glare impacts. These properties will have very limited to no direct views of the playing surface due to their location away from the fields. The reflected glare impact associated with the poles and floodlights is much less from more remote viewing points, as the impact is reduced at greater distances. This is true even though reflected glare from the floodlights and tops of the poles could be visible at greater distances due to their elevation above the field.



Direct glare reduction with use of proposed shielded LED floodlights at 80' mounting height.

The increased mounting heights for the athletic field lighting poles will dramatically decrease the overall amount of glare visible from off-site locations as compared to using 35' pole height. The use of the latest generation of shielded floodlights will dramatically reduce the amount of visible glare compared to standard shielded floodlighting systems. It is critical that taller poles are used to minimize glare as much as practical. At 35 foot mounting heights the surrounding areas are more fully exposed to excessive levels of direct glare from the floodlights.

SPILL LIGHT

The athletic field lighting system will not generate spill light.

The increase in pole height from 35 feet to 80 feet above the playing field tall will dramatically reduce the amount of spill light generated by the lighting system. The higher pole heights allow the floodlights to be aimed down to the athletic field and away from the adjacent properties. This height also provides for greater effectiveness of the internal\external shielding on the floodlights to control the emitted light and prevent light escaping beyond the site.

The use of steeper aiming angles allows for less direct light to be delivered beyond the boundaries of the playing the surface. The external shielding blocks more direct light and more light is delivered to the field with the use of increased mounting heights. The proposed taller mounting heights are typical for this application and similar to many existing installations throughout the city. The use of shorter mounting heights is typical to the lighting of driving ranges which requires that light is delivered over hundreds of feet down range to light the back of a golf ball to distances over 300 feet.

The vertical spill light from the field lighting has been calculated along Skansie Avenue and surrounding the fields. The calculated light readings do not account for the existing building and the existing trees that will provide heavy screening that will further reduce spill light. The calculated spill light is 0.0 foot-candles at Skansie Avenue and a maximum of 0.5 footcandles within 90 feet of the track.

The increased mounting height will limit spill light to areas within the site surrounding the field\track.

SKY GLOW

The athletic field lighting system will generate negligible amounts of “sky glow”. The “sky glow” impacts will be located at locations near the fields.

The amount of “sky glow” that is visible from a lighting system is difficult to quantify. There is no current method to calculate “sky glow” but it is recognized that there is a direct correlation to the amount of direct and reflected light that is emitted into the atmosphere. The amount of visible “sky glow” is dependent on a multitude of factors. Several factors include the amount of ambient light that exists, darkness of the night sky, amount of moonlight, atmospheric conditions, level of cloud ceiling, amount particulate matter, location of the observer and age of the observer.

To reduce the amount of “sky glow” that is visible the floodlights will need to be mounted higher than 35 feet. At a height of 35 feet the amount of direct light emitted into the atmosphere is excessive. With the increased mounting heights floodlights will have steeper aiming angles resulting in more effective use of the external shields. The majority of the total light output will be directed down to the field with the increased mounting height.

To maximize “sky glow” reduction the owner is providing additional mitigation with the use of “full cutoff” or “shoebox” style LED floodlights that provide the most advanced light control and shielding currently available in the sports lighting industry. The use of this equipment will also block a significant amount of direct light that is emitted into the atmosphere.

The appearance of “sky-glow” will be very minor with heavy low overcast skies and be most prevalent during conditions of dense fog.

Due to the dramatic reductions in the amount of up-light generated by the proposed lighting system there will be a zone of darkness above the field. This creates a safety hazard for football play to safely track balls kicked high into the air. This will require the use of up-lights for football use. Two ball tracking floodlights will be mounted at a height 16’ above the field on each pole and be aimed above the field. These will be used for football only and provide the minimal amount of up light necessary for safe play.

The proposed lighting system with these ball tracking lights are designed following the principles established by Darksy International to limit the amount of uplight generated by athletic field lighting systems. The lighting system is also recognized by Darksy International as a good lighting system for use at athletic fields.

The increased mounting heights for the athletic field lighting poles will decrease the overall amount of “sky-glow” visible as compared to using 35’ pole height. The use of the latest generation of shielded floodlights will dramatically reduce the amount of direct light emitted into the atmosphere compared to the older shielded floodlighting systems. It is critical that taller poles are used to minimize “sky-glow”. The amount of “sky-glow” visible will be localized to the area above the field and immediate vicinity.

Controls

The new athletic field lighting system will be connected to a fully programmable control system with remote operation. There will be separate switches installed to manually operate the lights at the site if necessary. The field lights will be on a separate lighting zone with a separate switch. This will allow the field lights to be turned off after play is completed. The ball tracking lights will only be switched on for football use. The area lights are on a separate zone and will remain on for a short time after each event to provide ample light for egress from the field.

Gig Harbor Municipal Code Review Criteria

17.67.060 Review Criteria.

Except for review occurring under GHMC [17.67.075](#) or [17.67.076](#), the applicant shall demonstrate that the following criteria for approval of the exception have been satisfied:

A. The increased structure height is necessary for effective performance and operation and is the minimum necessary for the structure to function in its intended and permitted use; and

To dramatically reduce the amount of spill light and glare impacts into the surrounding area the floodlights will need to be mounted higher than 35 feet. At a height of 35 feet the visibility of the high wattage LED's and reflectors from offsite locations is excessive. With the increased mounting heights floodlights will have steeper aiming angles resulting in more effective use of the floodlight shields. A significantly smaller portion of the floodlight reflectors and LED diodes will be visible off site with the increased height.

Using a pole height of 35' tall the direct glare impacts are excessive and intolerable. The max candela exposure from the floodlights increases from a low level of 3,818 candelas at a distance of 100' away from the field to 556,000 candela. Vehicular high beam floodlights have a maximum approximate value up to approximately 75,000 candela.

B. Visual impacts beyond the site and within environmentally sensitive areas have been minimized by such measures as, but not limited to:

1. Avoidance, to the extent possible, of shade or light cast into critical areas and wetlands where shade or light may impact the biological functions of critical areas and wetlands;

The proposed floodlights provide the most advanced light control and shielding currently available for lighting large athletic fields. Extensive internal shielding of the lighting diodes and external shielding minimizes light being cast beyond the site. Post installation adjustments of the floodlight aiming and shielding will be conducted as necessary to correct any deficiencies from the approved performance of the lighting system.

2. Using color or material to blend the structure into the surrounding environment;

The Floodlights, poles and pole mounted enclosures will be painted black.

3. Screening the structure with vegetation;

Providing vegetative screening for 80' tall poles is not feasible.

4. Avoidance, to the extent possible, of light trespass onto adjacent properties. (Ord. 1033 § 2, 2006; Ord. 988 § 4, 2005; Ord. 950 § 1, 2004).

To minimize light trespass using industry standard pole height of 80' tall is necessary. At a height of 80' the internal and external shielding provided is effective at blocking light from being delivered off site as the calculated spill light into the ROW is 0.0 foot-candles. At a height of 35' tall the maximum spill light is over 1.3 foot-candles.

17.67.070 Special review criteria for athletic field lighting.

In addition to the criteria specified in GHMC [17.67.060](#), the applicant for an exception for athletic field lighting shall demonstrate that the following criteria for approval of the exception have been satisfied:

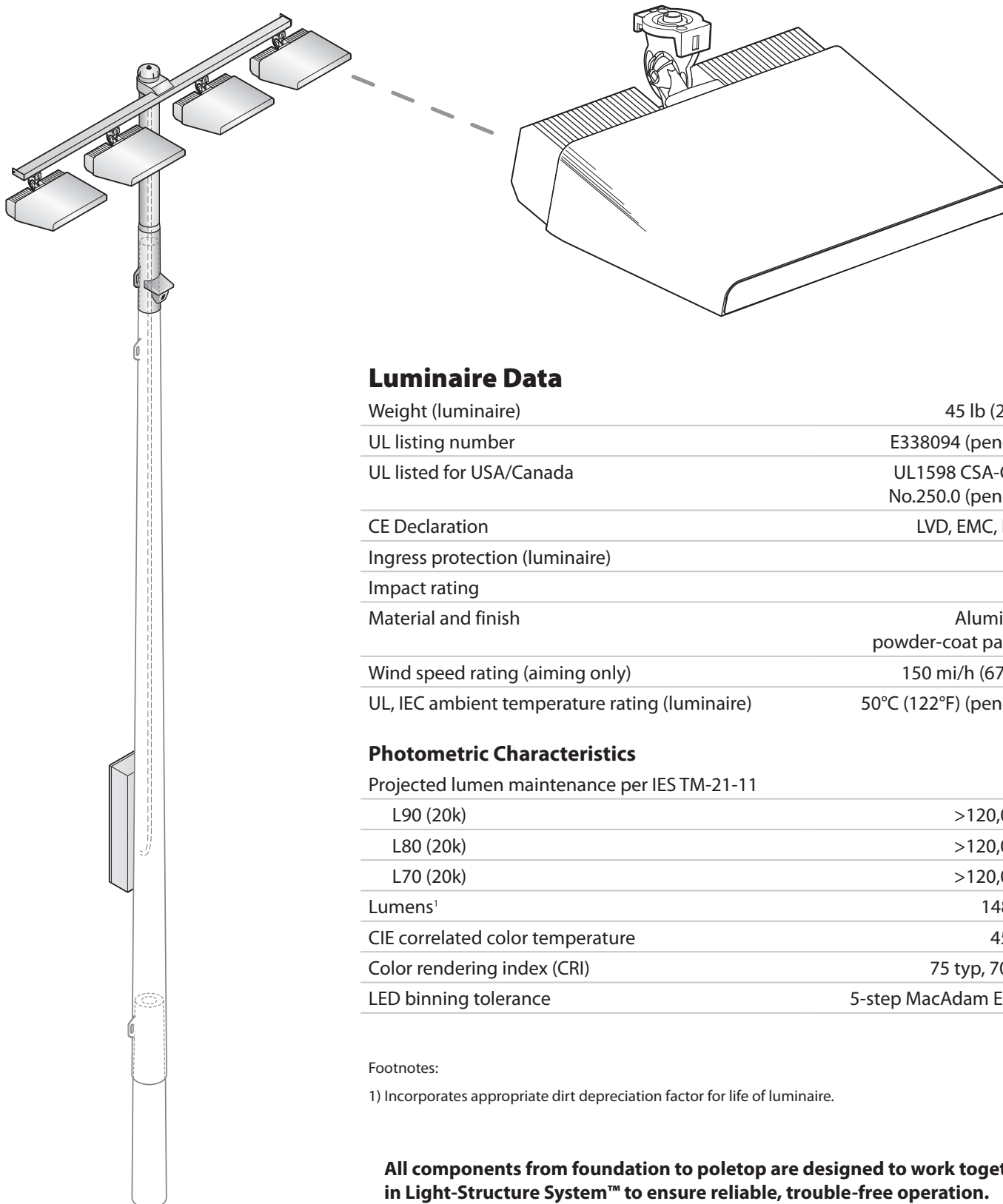
A. Athletic field light fixtures to be installed are a “shoebox” style and downward - directional; and

The floodlights are “shoe box” style as they include extensive exterior shielding providing near full cutoff of all light emitted above the plane of the floodlights. All floodlights are downward directional and will be aimed directly within the area of the field intended to be lighted.

B. Both fixtures and poles are painted black, brown or dark green. (Ord. 950 § 1, 2004).

The Floodlights, poles and pole mounted enclosures will be painted black.

Luminaire and Driver – TLC-LED-1200



Luminaire Data

Weight (luminaire)	45 lb (20 kg)
UL listing number	E338094 (pending)
UL listed for USA/Canada	UL 1598 CSA-C22.2 No.250.0 (pending)
CE Declaration	LVD, EMC, RoHS
Ingress protection (luminaire)	IP65
Impact rating	IK07
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating (luminaire)	50°C (122°F) (pending)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11	
L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens ¹	148,500
CIE correlated color temperature	4500 K
Color rendering index (CRI)	75 typ, 70 min
LED binning tolerance	5-step MacAdam Ellipse

Footnotes:

- 1) Incorporates appropriate dirt depreciation factor for life of luminaire.

All components from foundation to poletop are designed to work together in Light-Structure System™ to ensure reliable, trouble-free operation.

Luminaire and Driver – TLC-LED-1200

Driver Data

Electrical Data

Rated wattage¹

Per driver 1170 W

Per luminaire 1170 W

Number of luminaires per driver 1

Starting (inrush) current <40 A, 256 µs

Fuse rating 15 A

UL, IEC ambient temperature rating (electrical components enclosure) 50°C (122°F) (pending)

Ingress protection (electrical components enclosure) IP54

Efficiency 95%

Dimming mode optional

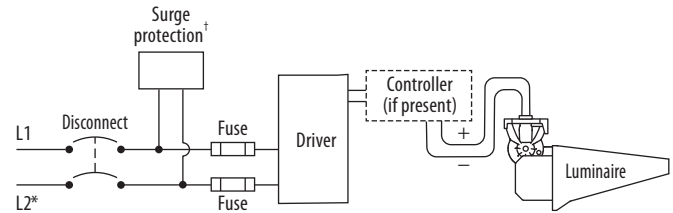
Range, energy consumption 13 – 100%

Range, light output 18 – 100%

Flicker <2%

Total harmonic distortion (THD) at full output <20% (pending)

Typical Wiring



* If L2 is neutral then not switched or fused.
† Not present if indoor installation.

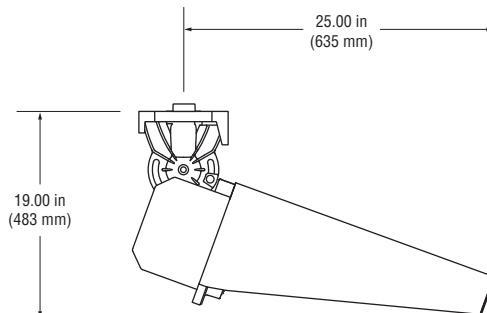
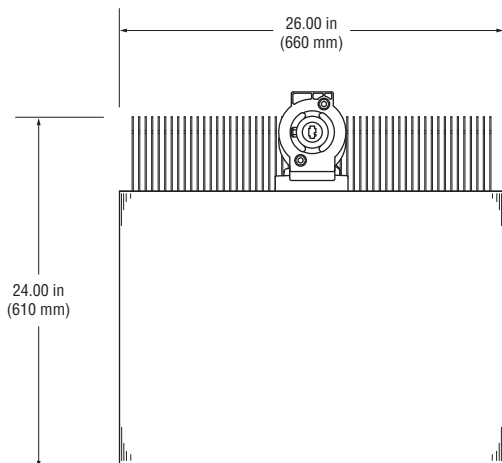
	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current per luminaire ²	7.20 A	6.92 A	6.54 A	6.26 A	6.00 A	5.20 A	4.15 A	3.79 A	3.60 A	3.47 A	3.00 A

Footnotes:

- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See *Musco Control System Summary* for circuit information.



Total Light Control™ – TLC-LED-1500 Luminaire



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From: [ECY RE SWRO SEPA COORDINATOR](#)
To: [Planning Comments](#)
Cc: [Rockett, Derek \(ECY\)](#); [Smith, Sandy B. \(ECY\)](#)
Subject: ECY SEPA 202600546 - Gig Harbor High School Track & Field Renovation - Comments
Date: Wednesday, February 25, 2026 10:20:18 AM
Attachments: [image001.png](#)
[202600546 ECY Comments.pdf](#)
Importance: High

Planning Division:

Thank you for the opportunity to comment on the Gig Harbor High School Track & Field Renovation Project (Lead Agency File No(s). PL-SPR-26-0001). Ecology's comments are attached.

[[Statewide SEPA Register](#) No. 202600546]

Have a great day,

Joe Thomas
ERTS & SEPA Coordinator
Southwest Region
Cell: 360-480-3300





**STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY**

Southwest Region Office
PO Box 47775, Olympia, WA 98504-7775 • 360-407-6300

February 25, 2026

Planning Division
City of Gig Harbor
Community Development Department
3510 Grandview Street
Gig Harbor, WA 98335

Dear Planning Division:

Thank you for the opportunity to comment on the prethreshold consultation for the Gig Harbor High School Track & Field Renovation Project (PL-SPR-26-0001) located at 5101 Rosedale Street as proposed by D.A. Hogan & Associates – Jeff Burke. The Department of Ecology (Ecology) reviewed the environmental checklist and has the following comment(s):

SOLID WASTE MANAGEMENT: Derek Rockett (360) 995-3176

All grading and filling of land must utilize only clean fill. All other materials may be considered solid waste and permit approval may be required from your local jurisdictional health department prior to filling. All removed debris resulting from this project must be disposed of at an approved site. Contact the local jurisdictional health department or Department of Ecology for proper management of these materials.

TOXICS CLEANUP: Sandy Smith (360) 999-9588

If contamination is suspected, discovered, or occurs during field and track renovation and associated improvements, testing of the potentially contaminated media must be conducted. If contamination of soil or groundwater is readily apparent, or is revealed by testing, the Department of Ecology must be notified. To notify Ecology, contact the Environmental Report Tracking System Coordinator at the Southwest Regional Office at (360) 407-6300. For assistance and information about subsequent cleanup and to identify the type of testing that will be required, contact Sandy Smith with the Toxics Cleanup Program at the Southwest Regional Office at (360) 999-9588.

Ecology's comments are based upon information provided by the lead agency. As such, they may not constitute an exhaustive list of the various authorizations that must be obtained or legal requirements that must be fulfilled in order to carry out the proposed action.

If you have any questions or would like to respond to these comments, please contact the appropriate reviewing staff listed above.

Department of Ecology

Planning Division
February 25, 2026
Page 2

Southwest Regional Office

(JKT:202600546)

cc: Derek Rockett, SWM
Sandy Smith, TCP

From: [Shaun Dinubilo](#)
To: [Michelle Thomas](#)
Cc: [Doyle Foster](#)
Subject: RE: Notice of Application PL-SPR-26-0001 Gig Harbor High School Field and Track Renovation
Date: Wednesday, February 25, 2026 1:12:39 PM

Hello Michelle,

Thank you for contacting the Squaxin Island Tribe Cultural Resources Department regarding the above listed project (SEPA) for our review and comment. We have no specific cultural resource concerns for this project. However, if DAHP recommends a survey, or any other additional recommendations, we concur with DAHP's recommendations. We would prefer to receive an electronic copy by email once completed. We also strongly recommend that the applicant and contractors have a copy of the Inadvertent Discovery Plan (IDP) on the project site at all times. If any archaeological or cultural resources are uncovered during implementation, please halt work in the area of discovery and contact DAHP and the Squaxin Island Tribe's CRD Archaeologist, Shaun Dinubilo via email at sdinubilo@squaxin.us.



Shaun Dinubilo
Archaeologist
FAA Certified (Section 107) sUAS Remote Pilot
Cultural Resource Department
Squaxin Island Tribe
200 S.E. Billy Frank Jr. Way
Shelton, WA 98584
Phone: 360-432-3998
Email: sdinubilo@squaxin.us
Office Hours: 7:30 am to 4:00 pm
Email is my preferred method of communication.

As per 43 CFR 7.18[a][1]) of the Archaeological Resource Protection Act, Section 304 of the National Historic Preservation Act, and RCW 42.56.300 of the Washington State Public Records Act-Archaeological Sites, all information concerning the location, character, and ownership of any cultural resource is exempt from public disclosure.

From: Michelle Thomas <MThomas@gigharborwa.gov>
Sent: Thursday, February 12, 2026 7:53 AM
Subject: Notice of Application PL-SPR-26-0001 Gig Harbor High School Field and Track Renovation

Please see attached Notice of Application for your review and comment.

LOCATION: 5101 Rosedale Street | Parcel Number - 0221063047. The site is

located on the north side of Rosedale Street, approximately 1,600 feet west of the intersection with Skansie Avenue.

PROPOSAL: Proposal is to modernize the existing high school track and field to improve safety, accessibility, and usability for students and the community. Planned upgrades include converting the natural grass field to a synthetic turf system, resurfacing and restriping the existing running track, and new perimeter pavement. The project will also add new aluminum bleachers with ADA-compliant seating, upgraded field lighting, a new scoreboard, and a lighted flagpole. Perimeter fencing will enhance security and crowd control. The proposed improvements will create a durable, accessible, and high-quality athletic venue for year-round use.

COMMENT DEADLINE: Thursday, February 26, 2026

The City of Gig Harbor will not act on this proposal for at least 14 days from the date of issuance of this notice. If you have any comments on this proposal, please send them to PlanningComments@gigharborwa.gov, City of Gig Harbor, Planning Division, 3510 Grandview Street, Gig Harbor, Washington, 98335; (253) 851-6170

Comments must be received by no later than 5PM, Thursday, February 26, 2026 for consideration.

Michelle Thomas | Planning Technician

3510 Grandview St • Gig Harbor, WA 98335

253-851-6170 | 253-853-8255 (direct) | www.gigharborwa.gov

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Gig Harbor High School Athletic Field Lighting

PL-SPR-26-0001:

Performance-Based Height Exception

Hearing Examiner

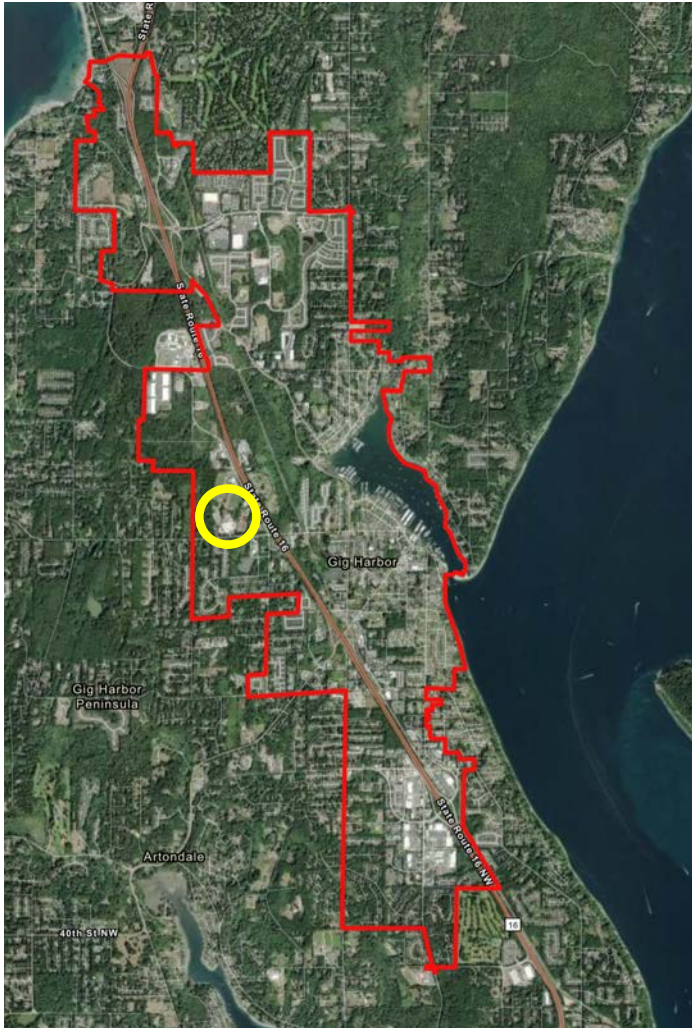
Public Hearing

June 16, 2026

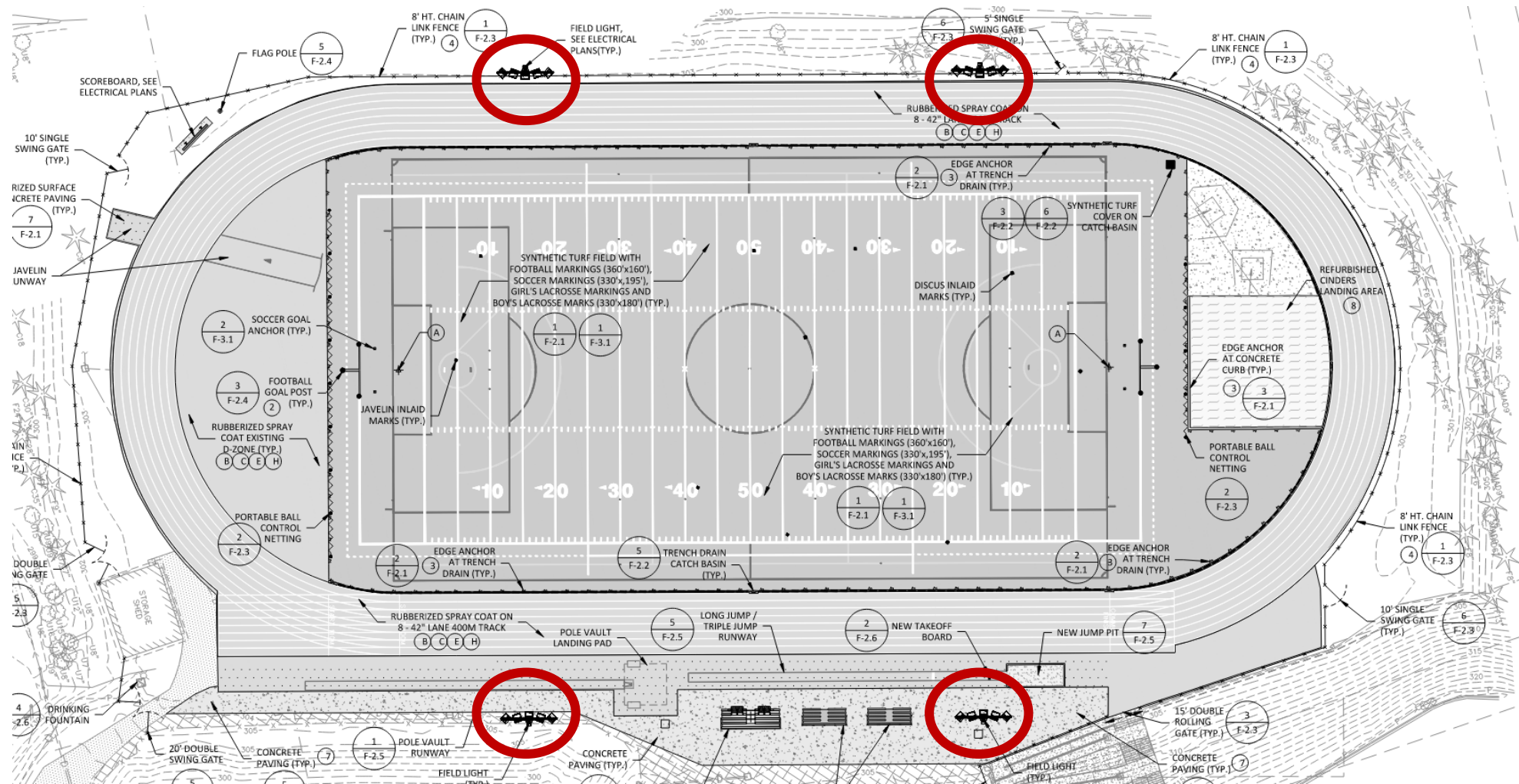
Gig Harbor High School
Field and Track Renovation
PL-SPR-26-0001 et al
Hearing Examiner 06.16.2026
Exhibit 4



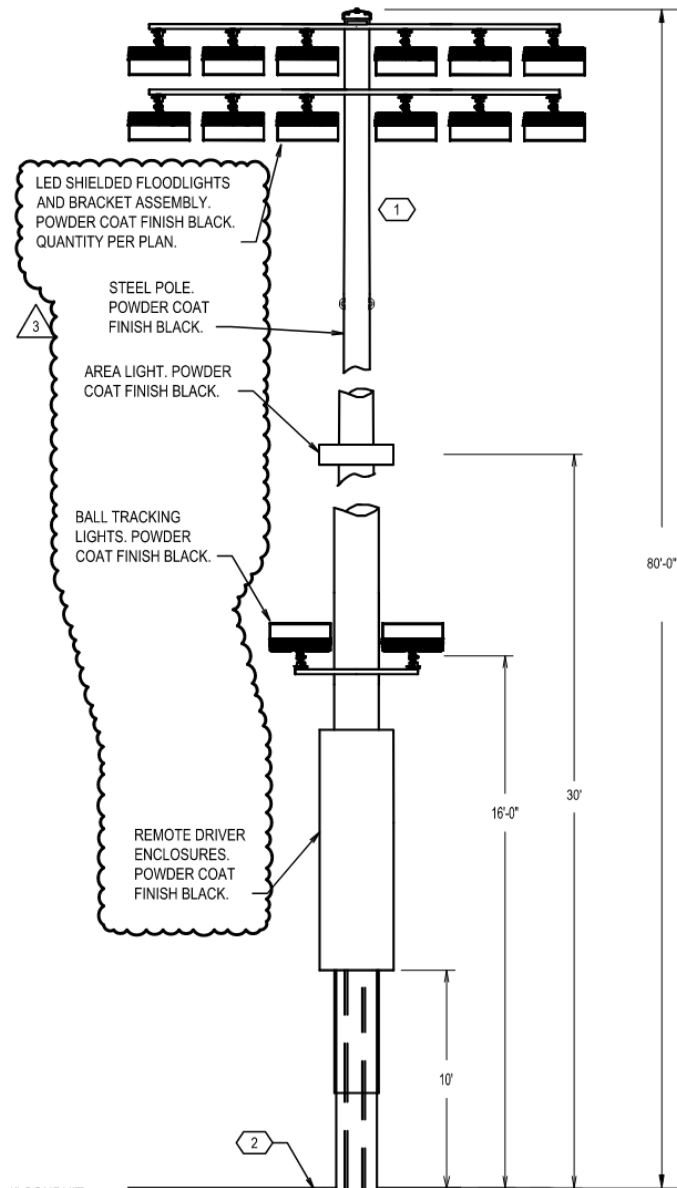
**Location: Gig Harbor High School
5101 Rosedale Street
Parcel #0221063047**



Site Plan



Flood Light Details



Flood Lights Design Details

- Height proposed at 80'
- Shoebox style, shielded, and downward directional
- Painted powder coat finish black

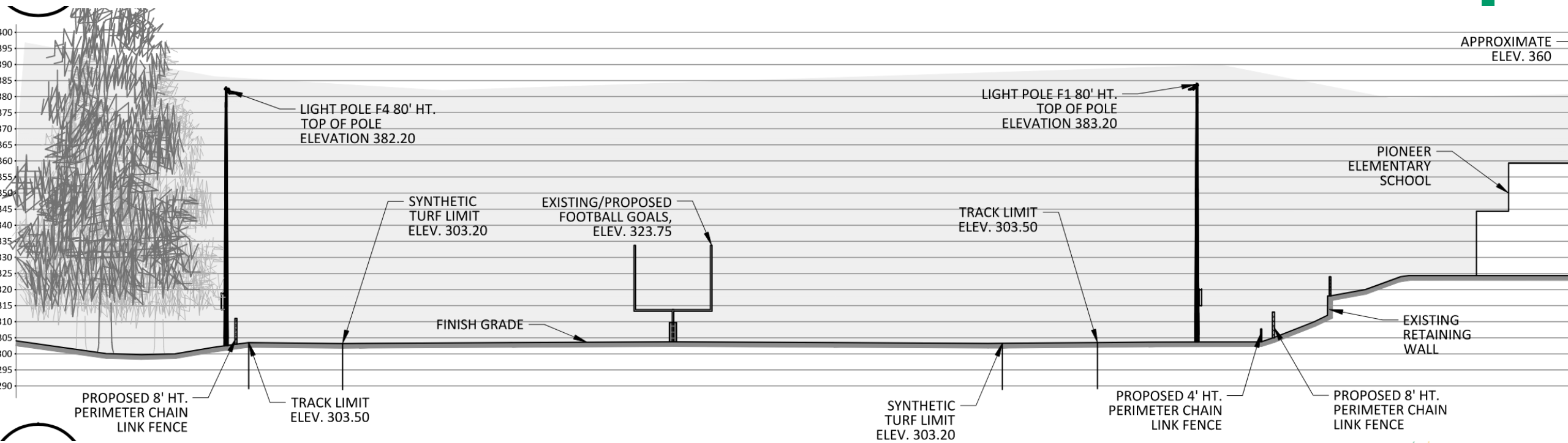
Code Analysis

Gig Harbor Municipal Code (GHMC) 17.67 Performance-Based Height Exceptions and Height Exemptions

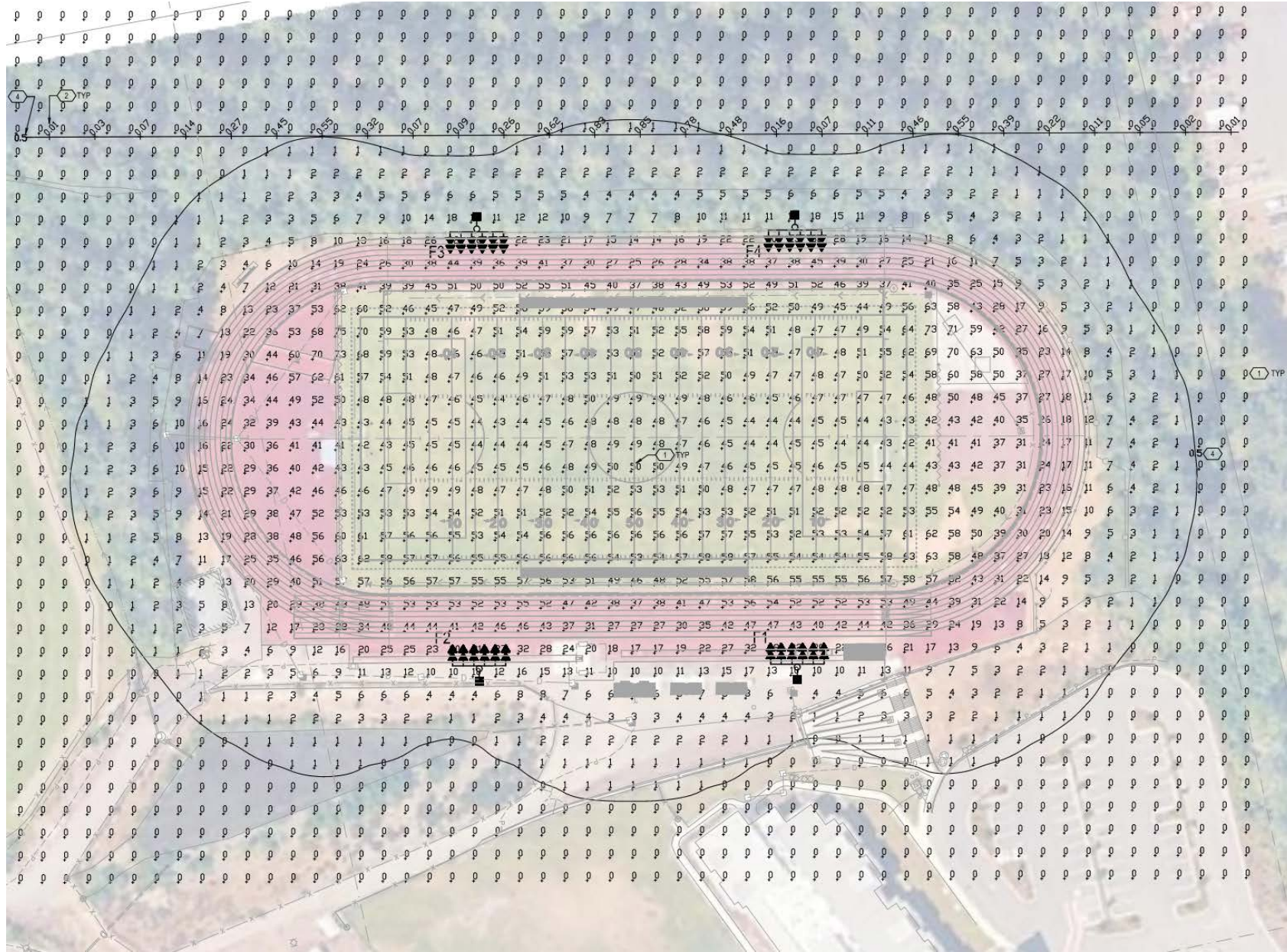
- Section 17.67.020 includes athletic field lighting as structures that require a performance-based height exception
- General PBHE review criteria applies, as well as specific review criteria for athletic field lighting per section 17.67.070
- The topography of the site is such that the athletic field is at a lower elevation than the street level
- Significant tree coverage in abutting lots to west and north provide screening
- The location and height of lights will minimize spillover and glare impacts to the abutting properties, spectators and the public right of way
- Design of structures meets code requirements



Code Analysis



Code Analysis



Conclusion/Questions

Staff finds that the proposal meets the required approval criteria and recommends **approval** of the application.

Questions?