



Edgemont Junior High School Track Replacement

2300 110th Avenue East
Edgewood, WA 98372

Stormwater Site Plan

December 22, 2025

Revised: February 23, 2026

The information contained in this report was prepared by and under the direct supervision of the undersigned:



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**EDGEMONT JUNIOR HIGH SCHOOL
TRACK REPLACEMENT
STORMWATER SITE PLAN**

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EDGEMONT JUNIOR HIGH SCHOOL

TRACK REPLACEMENT

STORMWATER SITE PLAN

DECEMBER 22, 2025 AND REVISED FEBRUARY 23, 2026

SECTION I – PROPOSED PROJECT DESCRIPTION

This Stormwater Site Plan is for the track restoration at Edgemont Junior High School addressed at 2300 110th Ave E, Edgewood, WA 98372 in the City of Edgewood. The school property is located on two parcels (0420102018 and 0420102037). The track being replaced is located directly south of the school building, across 24th Street E on a separate, 4.96 acre parcel (0420103132). Existing infrastructure on the property includes the track, the associated field and field event improvements, a small storage shed, and asphalt paths from the 24th Street E right-of-way to the track. Refer to **Figure 1 – Vicinity Map** for the site location.

The proposed project will consist of replacing the existing cinder track, long jump/triple jump runway and high jump approach pad surfaces with asphalt and rubberized surfacing. The proposed track slightly expands upon the limits of the existing track to incorporate a trench drain along the inside of the field, but the long jump/triple jump and high jump runways and approach pad will all be in the same location. A french drain will be added along the north, west, and south outer edges of the field. The inside and outside perimeter of the existing grass field will be restored in-kind where impacted by track construction. An existing concrete path north of the field will be replaced and extended to the track.

This Stormwater Site Plan addresses the requirements of the City of Edgewood Municipal Code (EMC) which adopts the 2021 Pierce County Stormwater Management and Site Development Manual (SMSDM). This report will adhere to the report format/guidelines as noted in section 3.3.4 of the Pierce County SMSDM. Refer to the Minimum Requirements section of this report for the project classification and the minimum requirements that are applicable to the project area.

MINIMUM REQUIREMENTS

Per coordination with the City of Edgewood (COE), the existing cinder track is considered impervious and the improvements are therefore classified as “replaced” impervious surfacing. The Pierce County SMSDM defines **redevelopment** as work “on a site that is already substantially developed (i.e., has 35 percent or more of existing hard surface coverage).” Per coordination with COE, although the existing impervious areas are estimated to be less than 35%, the project is considered a **redevelopment** since it is the site is substantially developed for its designated use. The determination of existing impervious surface coverage for the track was based on survey drawings and as-builts of the existing track. Refer to **Figure 2 – Existing Impervious Coverage**.

The minimum requirements for **redevelopment** are established by Figure 2.2, from Volume I Chapter 2 of the Pierce County SMSDM. Per Figure 2.2, the project involves greater than 2,000 square feet (sf) of new plus replaced hard surface, therefore minimum requirements (#1-5) apply to the **new plus replaced hard surfaces** and the **land disturbed**. Since the project does not add more than 5,000 sf of new hard surfaces, convert vegetation to lawn, landscape, or pasture, is not a road-related project, and does not exceed 50% of the assessed value of the existing site improvements, no additional requirements apply.

Figure 2.2

PIERCE COUNTY STORMWATER and SITE DEVELOPMENT MANUAL

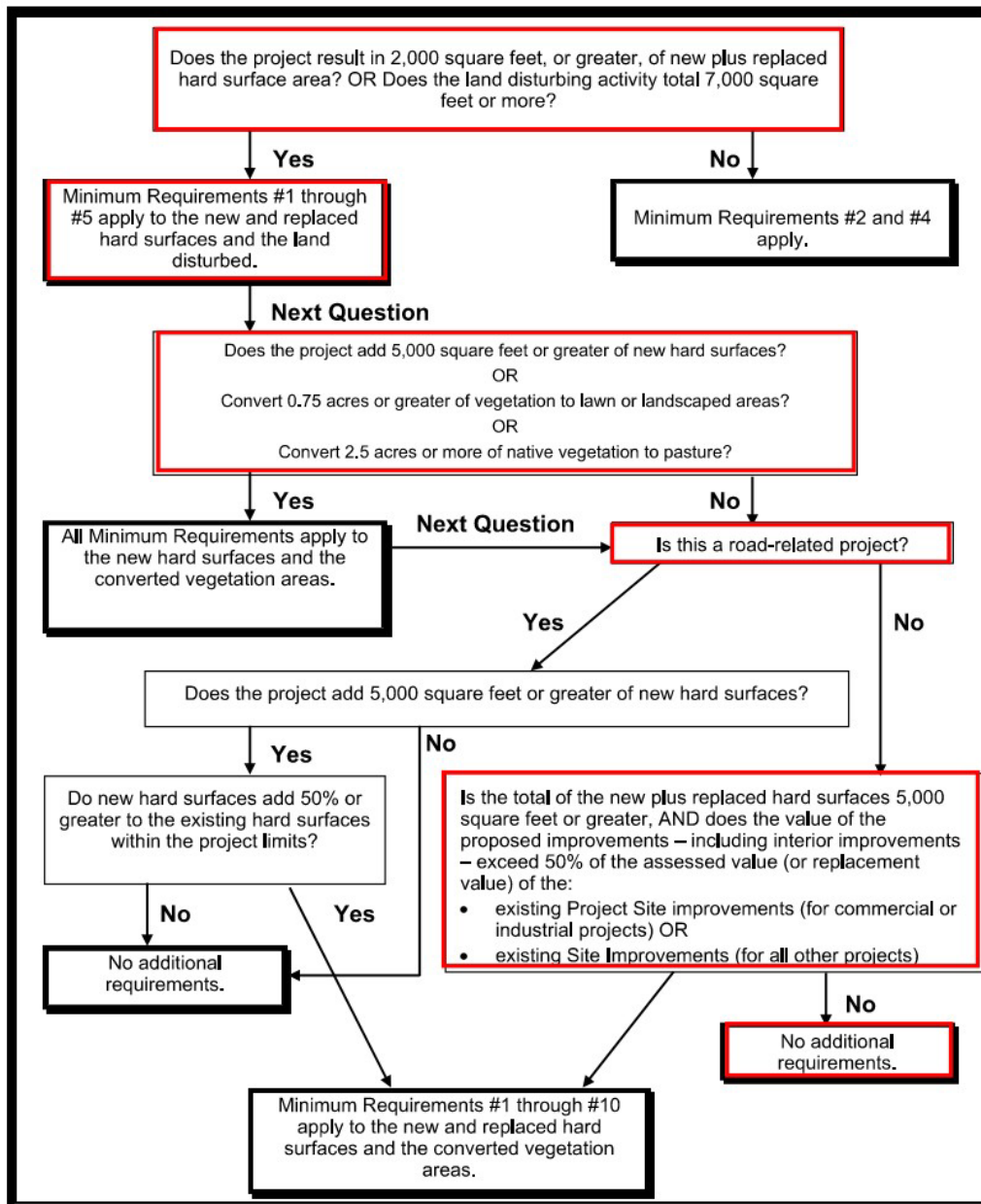


Figure 2.2. Flow Chart for Determining Requirements for Redevelopment.

Based upon coordination with the City of Edgewood, the existing cinder track will be considered impervious. The proposed improvements involve the replacement of the existing cinder track surface with an asphalt and rubberized surface. Additionally, existing cinder high jump approach pad and long jump/triple jump runway will be replaced with an asphalt and rubberized surface. Per Volume 1 Glossary of the Pierce County SMSDM, the definition of “converted vegetation areas,” means any native vegetation, pasture, scrub/shrub or unmaintained non-native vegetation that are converted to lawn or landscaped areas, or where native vegetation is converted to pasture. The existing pervious areas within the project site consist mainly of maintained grass field with no proposed work except for where impacted by track construction. Impacted grass will be replaced in-kind in the proposed condition. Therefore, there are no converted vegetation areas associated with this project. **Table 1** below summarizes the target surfaces.

Table 1 –Target Hard Surface

Surface Type	Square Feet	Acres
New Track Surfacing	968	0.02
New Concrete Path	406	0.01
Total New Hard Surface	1,374	0.03
Replaced Track Surfacing	34,516	0.79
Replaced Concrete Path	407	0.01
Total New Plus Replaced Hard Surface (TARGET HARD SURFACE)	<u>36,297</u>	<u>0.83</u>

The following is a description of each of the minimum requirements and how this project addresses them:

Minimum Requirement #1 – Preparation of Stormwater Site Plans (MR1): This document is the Stormwater Site Plan. It outlines the existing and proposed site and drainage conditions and presents the stormwater management analysis.

Minimum Requirement #2 – Construction Stormwater Pollution Prevention Plan (SWPPP) (MR2): The construction SWPPP narrative is included in Appendix C of this report.

Minimum Requirement #3 – Source Control of Pollution (MR3): This project shall adhere to the applicable (mandatory) operational source control BMPs, as listed by Volume IV of the Pierce County SMSDM. The source controls that apply for this project are the following: A3.6 Landscaping and Lawn/Vegetation Management. Copies of these BMPs have been included with the Maintenance Covenant under separate cover. Construction source control measures are outlined in the SWPPP narrative.

Minimum Requirement #4 – Preservation of Natural Drainage Systems and Outfalls (MR4): The downstream drainage system is not anticipated to change or be adversely affected by the site improvements. Runoff from the site will be collected by the existing catch basins located at the interior of the track and routed to the existing storm drainage system. It is assumed that the existing storm drainage system is within the Lake Chalet drainage basin, west of the Edgemont JHS Track. See the Downstream Analysis sub-section in Section 9 of this report for further explanation.

Minimum Requirement #5 – On-Site Stormwater Management (MR5): This project is subject to on-site stormwater management per Volume I Chapter 2.4.5 of the Pierce County SMSDM. This project cannot feasibly meet the on-site performance standard, and therefore the project will adhere

to List #1 to evaluate the feasibility of on-site stormwater management BMPs. The OSM BMPs to be used on this project include amended soils (BMP T5.13). Please see the On-Site Stormwater Management sub-section in Section 9 of this report for more information.

SECTION 2 – EXISTING CONDITIONS DESCRIPTION

The existing track is located directly south of Edgemont Junior High School, on a separate 4.96 acre parcel.

As indicated previously, although the existing impervious coverage for the entire property is estimated to be less than 35% coverage, the site is considered a **redevelopment** since it is substantially developed for its designated use according to coordination with COE. Refer to **Figure 2 – Existing Impervious Coverage**.

The existing track consists of a six-lane cinder track. The areas interior and exterior of the track consists of a grass field which has no work anticipated aside from the addition of trench and french drains and restoration of the existing maintained grass along the inside and outside perimeter of the track where impacted by construction. The existing high jump approach pad consists of a cinder surface located at the north end of the track. The existing cinder long jump/triple jump runway is located in the SW corner of the track.

The topography of the existing track and associated field areas generally slopes from east to west from an elevation of 407 feet to approximately 391 feet. There are steeper slopes located on the eastern edge of the field. Refer to Section 9 of this report for a complete description of the downstream drainage system.

Runoff from the existing track and field are collected by catch basins surrounding the perimeter of the field. The field is located within the Lake Chalet drainage basin. The lake is within multiple critical areas including a regulated flood plain area, a potential flood hazard area, and a confirmed wetland area. These critical areas do not extend to the site nor are they impacted by construction.

Based on COE environmental mapping, the campus property falls within a 1-year wellhead protection area. Per section 14.60.040 E7 of the EMC, additional protective measures may be required if deemed necessary by the department or TPCD to protect public health or safety due to project work within a wellhead protection area. As part of this project as there will be no change in the site use or runoff volume it is assumed that additional protective measures will not be required. Limited areas east of the track, outside of the project area, are identified by the COE environmental mapping as erosion and landslide hazards (20%-40% slopes). Changes to the grading and drainage paths of the track and adjacent areas are not proposed as a part of the project and no negative impacts to the existing slopes are anticipated.

SECTION 3 – SOILS REPORT

The Web Soil Survey by USDA Natural Resources Conservation Service indicates that the soils within the project consist of Alderwood Gravelly Sandy Loam soils, 0 to 8 percent slopes. Refer to **Figure 3 – Soils Map**.

SECTION 4 – WELLS AND SEPTIC SYSTEMS

There are no known existing wells or septic systems on the site.

SECTION 5 – FUEL TANKS

There are no known existing fuel tanks, in-use or abandoned on the project site.

SECTION 6 – SUB-BASIN DESCRIPTION

All drainage tributary to the project is onsite in the proposed condition, with one basin associated with the site. Refer to **Figure 4 -Proposed Conditions**. The basin includes the track, field, interior surfacing for long jump, and high jump events. The proposed trench drain, French drain, catch basins along the edge of the track will collect stormwater from the track surfacing as well as the existing grass field.

SECTION 7 – FLOODPLAIN ANALYSIS

Per the FEMA Flood Map, and City-Identified 100-year Floodplain, the property is not within a 100-year flood zone.

SECTION 8 – AESTHETIC CONSIDERATIONS FOR FACILITIES

This project will be updating the surfacing of the track and restore portions of the natural grass where impacted by construction. These restoration and improvement proposals will improve the track and field function and appearance.

SECTION 9 – FACILITY SIZING AND OFFSITE ANALYSIS

Downstream Analysis

The site is occupied by the existing track and field for Edgemont Junior High School. Survey information, Pierce County GIS, FEMA Maps, and site visits were utilized for the downstream analysis of the site.

Define and Map Study Area

The project site was mapped by a topographical field survey. The field survey was provided through DA Hogan to LPD Engineering for use in the design of new site improvements. The field survey for the property was performed in December of 2024 and was prepared by AHBL.

Drainage System Description and Problem Descriptions

The onsite and downstream drainage analysis was based on the survey provided to LPD Engineering, and record drawings a site visit was completed in January 2026, CTTV inspection of the existing pipe system and select potholing.

Storm runoff sheet flows from the existing field to fifteen catch basins surrounding the field. Refer to **Figure 4 – Downstream Drainage Map**. The downstream drainage course for the project is described as follows:

1. Stormwater sheet flows into the existing catch basins flows into a 12-inch concrete pipe surrounding the field perimeter.
2. The stormwater is then conveyed beneath the track to a catch basin located on the east side of the track.

3. From there the pipe then downsizes to 8-inch PVC and continues to run west for approximately 15 feet to a tee with CPP pipe. .
4. There are two parallel runs of CPP pipe with approximately 10' Spacing. Each run of pipe is approximately 30 feet in length

On-Site Stormwater Management

The project is required to evaluate the feasibility of OSM BMPs included as part of List #1 of Chapter 2.4.5 in Volume 1 of the 2021 Pierce County SMSDM. On-Site Stormwater Management feasibility is described below in Table 3 for the target hard surfaces.

Table 3 – On-site Stormwater Management BMP Evaluation

BMP	Feasibility	Explanation
<u>Lawn/Landscaped Areas</u>		
Soil Preservation and Amendment	Yes	Soil not disturbed shall be preserved while disturbed landscaping/lawn areas shall be amended according to Department of Ecology BMP T5.13. Landscaping/lawn areas to be disturbed and restored include the areas along the exterior and interior of the track where impacted by track construction.
<u>Roof – N/A. No roof surfaces proposed.</u>		
<u>Other Hard Surfaces</u>		
Full Dispersion	No	Due to the existing topography and existing lawn areas adjacent to the track, the minimum ratio of the native vegetation area to impervious area cannot be met.
Permeable Pavement	No	Base material and fill soils associated with the original grading construction of the track will be left in place and would not be suitable for infiltration.
Rain Garden or Bioretention	No	The track and surrounding area has no place where a bioretention area or rain garden can be reasonably designed on slopes less than 8%.
Sheet flow Dispersion and Concentrated Flow Dispersion	No	Based upon standard track design, the track surfacing slope will be maintained towards the interior of the track, picked up by a trench drain, and are not proposed to sheet flow over the field in order to maintain playability of the field throughout the year.

Conveyance System Analysis and Design

As there are no current drainage problems with the existing system and the proposed plan involves maintaining the current system, it is assumed to have sufficient capacity given the field footprint does not change.

SECTION 10 – UTILITIES

No new sewer nor water lines are proposed nor are existing lines anticipated to be impacted.

SECTION 11 – COVENANTS, DEDICATIONS, EASEMENTS

No Stormwater BMPs or new stormwater infrastructure are proposed as a part of this project. Therefore a Maintenance covenant is not required.

SECTION 12 – PROPERTY OWNERS’ ASSOCIATION ARTICLES OF INCORPORATION

Not Applicable.

SECTION 13 – OTHER PERMITS OR CONDITIONS PLACED ON THE PROJECT

The site disturbance is less than one acre, therefore a construction NPDES permit through the Washington State Department of Ecology (DOE) will not be required.

SECTION 14 – CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

A construction SWPPP narrative for the project has been included in Appendix C and is based on the 2021 Pierce County SWSDM requirements.

The TESC plan includes a temporary sediment settling tank. A minimum volume was calculated using the methodology from Volume II of the 2021 Pierce County SWSDM, with the 2-year developed flow rate from MGS Flood. A copy of the Sediment Facility Sizing Calculations worksheet and associated MGS Flood Output used for this exercise is attached in Appendix B-2.

TESC elements in the project include the following:

- Preserving Natural Vegetation, per BMP C101
- Stabilized Construction Entrance/Exit, per BMP C105
- Wheel Wash, per BMP C106
- Temporary and Permanent Seeding, per BMP C120
- Mulching, per BMP C121
- Plastic Covering, per BMP C123
- Material Delivery, Storage, and Containment, per BMP C153
- Certified Erosion and Sediment Control Lead, per BMP 160
- Storm Drain Inlet Protection, per BMP C220

The TESC elements shown are intended to be the minimum allowable. The NPDES permit will require periodic inspection of the TESC elements to confirm they are holding up and continuing to function as intended. During construction, the contractor is responsible for upgrading these facilities as necessary. The implementation of the TESC plan and construction maintenance, replacement and upgrading of the TESC facilities are the responsibility of the contractor, per the contract documents. The TESC facilities will be constructed prior to and in conjunction with all clearing and grading activity and in a manner in which sediment or sediment laden water does not leave the project site, enter the drainage system, or violate applicable water quality standards.

FIGURES

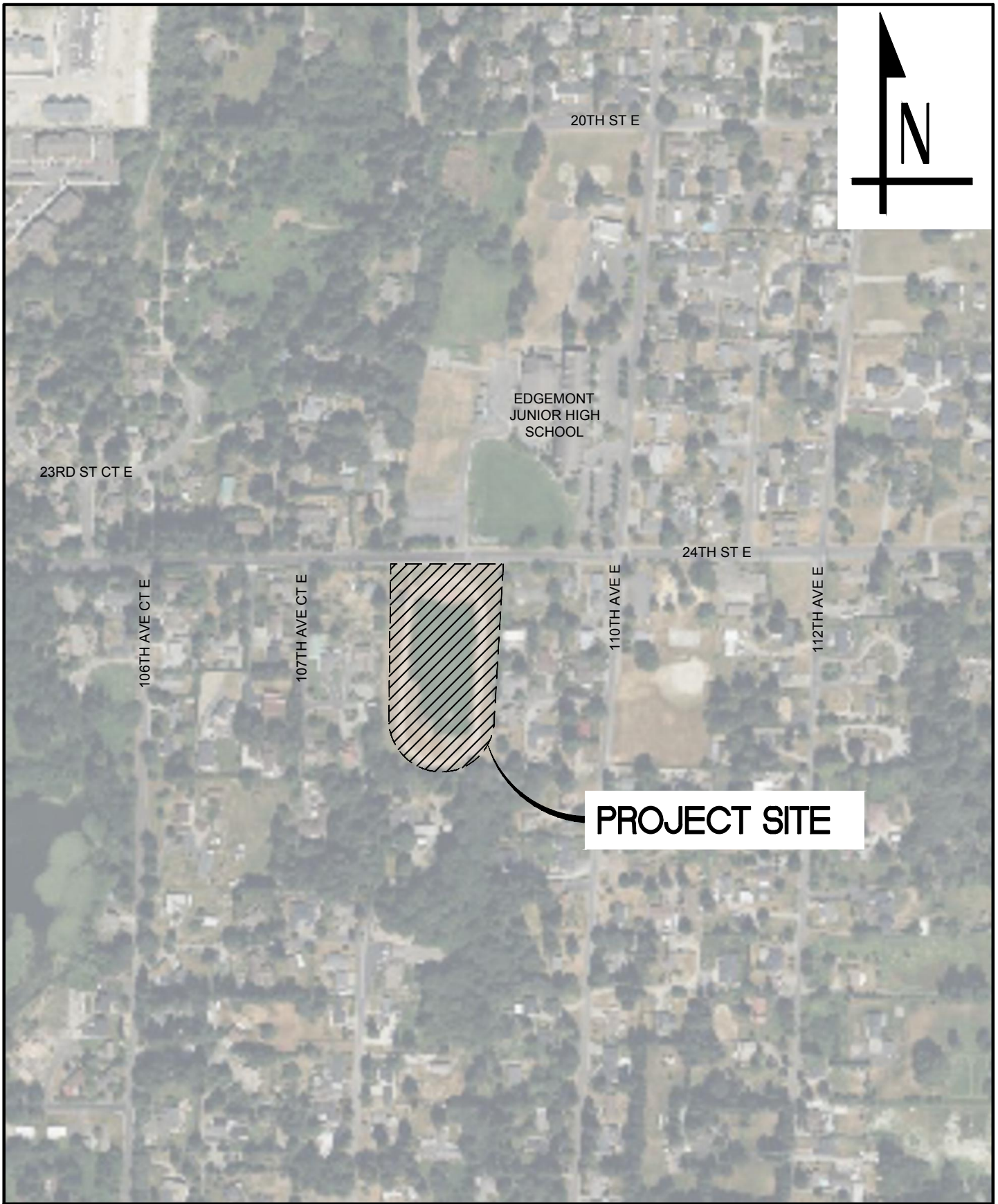
Figure 1: Vicinity Map

Figure 2: Existing Impervious Coverage

Figure 3: Soils Map

Figure 4: Proposed Conditions

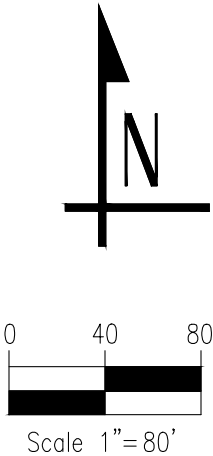
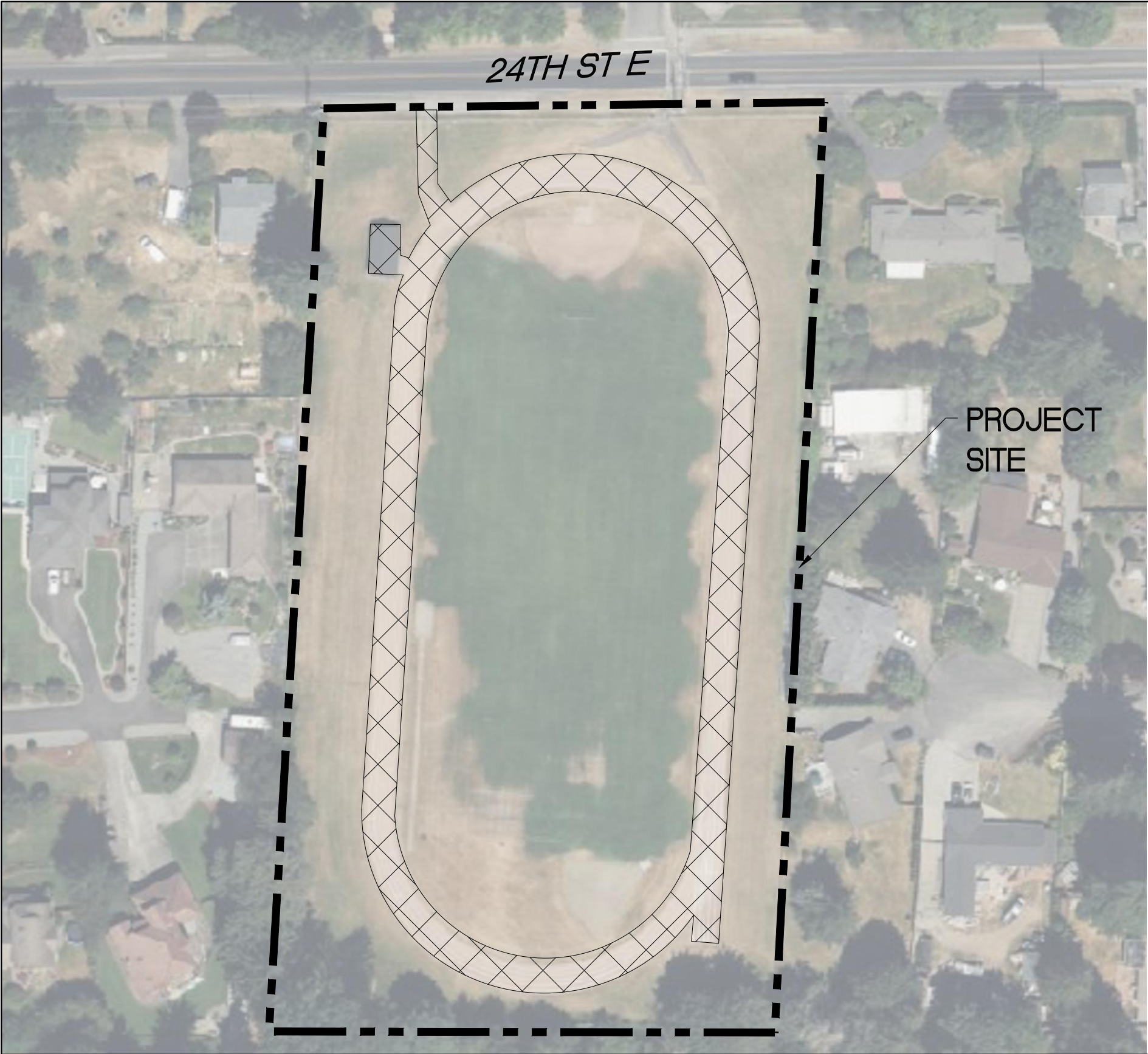
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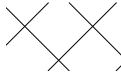


EDGEMONT JUNIOR HS SCHOOL

 1932 First Ave, Suite 500, Seattle, WA 98101 p. 206.725.1211 f. 206.973.5344 www.lpdengineering.com	Description DECEMBER 22, 2025 VICINITY MAP	Figure 1
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File: Figure 2 - Ex Conditions Figure.dwg Date: 22-Dec-25 1:12:46pm

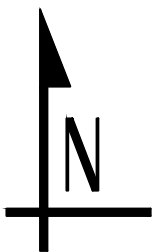


EXISTING HARD SURFACE AREA	
 Hard Surface	0.79 AC
Total Site Area	4.96 AC
Percentage of Site Hard Surface	15.9%

s:\lpd engineering pllc\projects\da hogan\edgemont jh track\drainage\tir exhibits\figure 3 - soils map.dwg adis 12/22/2025 1:13 PM



SNOHOMISH COUNTY AREA, WASHINGTON (WA661)



MAP UNIT SYMBOL	MAP UNIT NAME
3	ALDERWOOD GRAVELLY SANDY LOAM, 15%-30% SLOPES
5	ALDERWOOD-URBAN LAND COMPLEX, 2%-8% SLOPES
6	ALDERWOOD-URBAN LAND COMPLEX, 8%-15% SLOPES
78	URBAN LAND

EDGEMONT JUNIOR HS SCHOOL



1932 First Ave,
Suite 500,
Seattle, WA 98101
p. 206.725.1211
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www.lpdengineering.com

Description

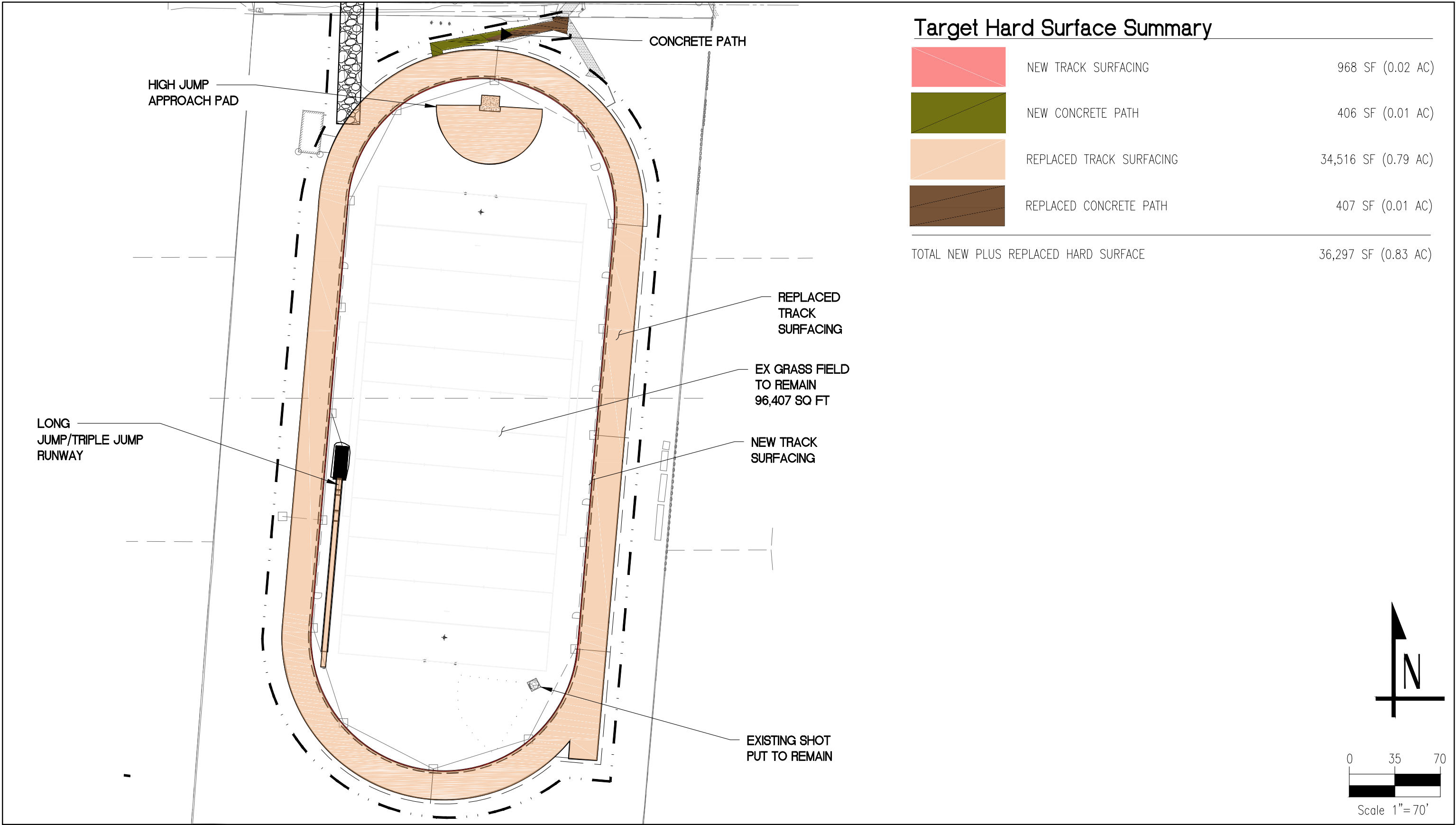
SOILS MAP

DECEMBER 22, 2025

Figure

3

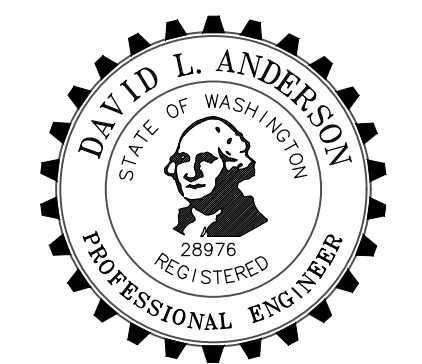
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APPENDIX A

Design Drawings

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



DESIGN DEVELOPMENT	
DATE	12-9-25
SCALE	AS NOTED
DRAWN	LRB
CHECKED	JAB
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

F-0.0

An aerial photograph of a baseball field with a red track overlay. The track is a multi-lane oval surrounding the field. A red semi-circle is positioned on the left side of the track, and a yellow rectangle is on the bottom right. The field is green grass, and the surrounding area includes trees and buildings. A north arrow is in the bottom right corner.

LPD Engineering
1932 1st Avenue, Suite 500
Seattle, WA 98101
(206) 725-1211 Phone

F-0.00	Cover & Index	F-1.10	Layout Plan	F-2.10	Typical Sections
F-0.10	Topographic Survey	F-1.20	Grading Plan	F-2.20	Detention Details
F-0.11	Topographic Survey	F-1.30	Drainage Plan	F-2.30	Track Details
F-0.20	TESC Plan	F-1.40	Dimensioning Plan	F-2.40	Field Event Details
F-0.30	TESC Details				
F-0.40	TESC Notes				
F-0.50	Demolition Plan				

Legal Description: Section 10 Township 20 Range 04 Quarter 31 :
EDGEMONT JR HIGH PROP W 1/2 OF NE OF NE OF SW EXC :
49TH AVE NE OUT OF 3-000 SEG H-2038 GG (DCWJES10-5-82)
RTSQQ: xxx



Project Site:
Edgemont Junior High School
10822 24th St E,
Edgewood WA 98372

EDGEMONT JUNIOR HIGH SCHOOL FIELD
A PORTION OF THE NE 1/4 OF THE SW 1/4 OF SEC. 10, TWN. 20 N., RGE. 4 E., W.M.,
PIERCE COUNTY, WASHINGTON.



2215 North 30th Street, Suite 200 Tacoma, WA 98403
253.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB

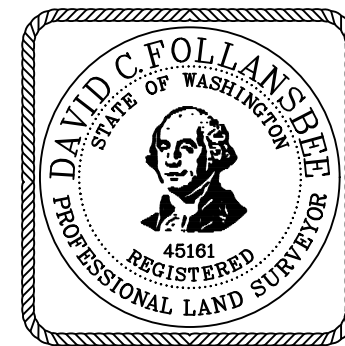
Project Title:
**EDGEMONT JUNIOR
HIGH SCHOOL FIELD
BOUNDARY &
TOPOGRAPHIC SURVEY**

Client:
**PUYALLUP SCHOOL
DISTRICT NO. 3**

302 2ND STREET EAST
PUYALLUP, WA 98372
LESTER GERSTMANN

Job No.
2240925.50

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ONLY FOR THE PROJECT IDENTIFIED IN THE TITLE BLOCK
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ADDITION TO THAT PROJECT OR FOR ANY OTHER PROJECT.

LEGAL DESCRIPTION
THE WEST 1/2 OF NORTHEAST 1/4 OF NORTHEAST 1/4 OF SOUTHWEST 1/4
OF SECTION 10 TOWNSHIP 20 RANGE 04E EXCEPT 24TH STREET EAST

VERTICAL DATUM
NAVD 1988 VERTICAL DATUM ON ORTHOMETRICALLY CORRECTED GPS
OBSERVATIONS USING WSRN AND GEOID 2012A.

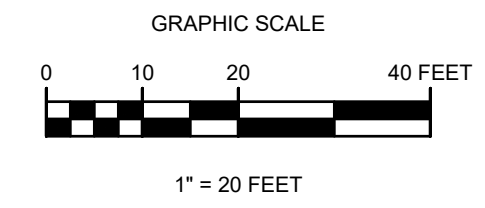
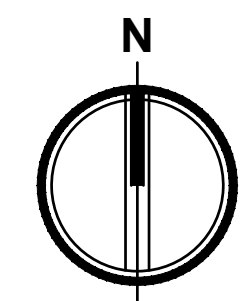
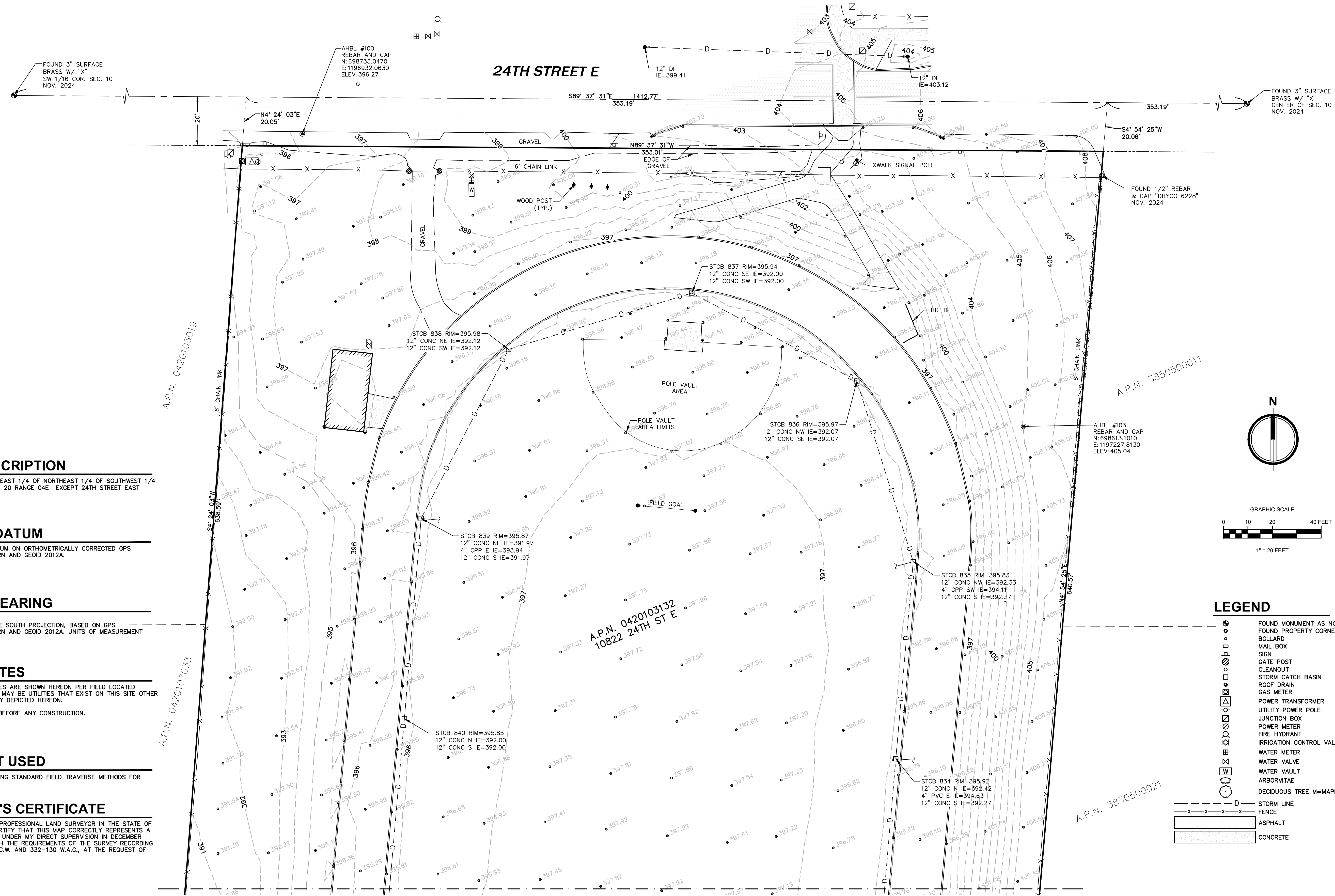
BASIS OF BEARING
NAD 1983/11
WASHINGTON STATE PLANE SOUTH PROJECTION, BASED ON GPS
OBSERVATIONS USING WSRN AND GEOID 2012A. UNITS OF MEASUREMENT
ARE US SURVEY FEET.

UTILITY NOTES
SURFACE UTILITY FACILITIES ARE SHOWN HEREON PER FIELD LOCATED
VISIBLE EVIDENCE. THERE MAY BE UTILITIES THAT EXIST ON THIS SITE OTHER
THAN THOSE GRAPHICALLY DEPICTED HEREON.
CALL 1-800-424-5555 BEFORE ANY CONSTRUCTION.

EQUIPMENT USED
3" TOTAL STATION UTILIZING STANDARD FIELD TRAVERSE METHODS FOR
CONTROL AND STAKING.

SURVEYOR'S CERTIFICATE
I, DAVID FOLLANSBEE, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF
WASHINGTON, HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A
SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION IN DECEMBER
2024 IN COMPLIANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING
ACT, CHAPTER 58.09 R.C.W. AND 332-130 W.A.C., AT THE REQUEST OF
LESTER GERSTMANN.

DAVID FOLLANSBEE, PLS 45161 DATE



- LEGEND**
- FOUND MONUMENT AS NOTED
 - FOUND PROPERTY CORNER
 - BOLLARD
 - MAIL BOX
 - SIGN
 - GATE POST
 - CLEANOUT
 - STORM CATCH BASIN
 - ROOF DRAIN
 - GAS METER
 - POWER TRANSFORMER
 - UTILITY POWER POLE
 - JUNCTION BOX
 - POWER METER
 - FIRE HYDRANT
 - IRRIGATION CONTROL VALVE
 - WATER METER
 - WATER VALVE
 - WATER VAULT
 - ARBORVITAE
 - DECIDUOUS TREE M=MAPLE
 - STORM LINE
 - FENCE
 - ASPHALT
 - CONCRETE

MATCHLINE SEE SHEET 2

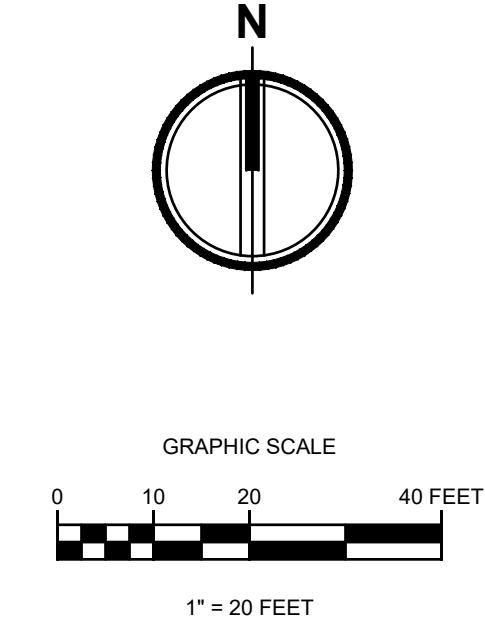
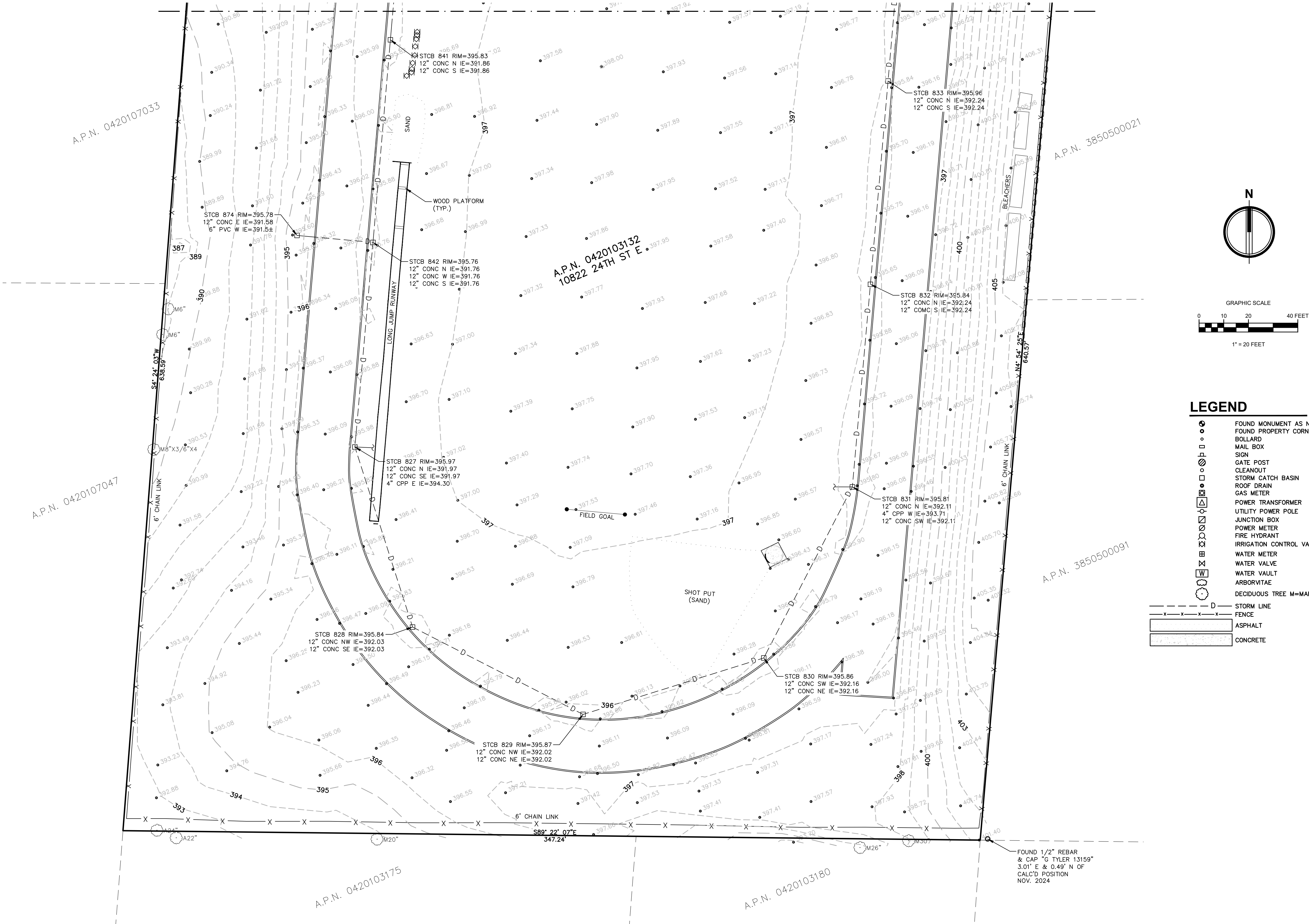
Sheet Title:
**TOPOGRAPHIC
SURVEY**

Designed by: Drawn by: Checked by:
GD DF

Sheet No.
1
1 of 2 Sheets

EDGEMONT JUNIOR HIGH SCHOOL FIELD
A PORTION OF THE NE 1/4 OF THE SW 1/4 OF SEC. 10, TWN. 20 N., RGE. 4 E., W.M.,
PIERCE COUNTY, WASHINGTON.

MATCHLINE SEE SHEET 2



LEGEND	
	FOUND MONUMENT AS NOTED
	FOUND PROPERTY CORNER
	BOLLARD
	MAIL BOX
	SIGN
	GATE POST
	CLEANOUT
	STORM CATCH BASIN
	ROOF DRAIN
	GAS METER
	POWER TRANSFORMER
	UTILITY POWER POLE
	JUNCTION BOX
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	FIRE HYDRANT
	IRRIGATION CONTROL VALVE
	WATER METER
	WATER VALVE
	WATER VAULT
	ARBORVITAE
	DECIDUOUS TREE M=MAPLE
	STORM LINE
	FENCE
	ASPHALT
	CONCRETE



TACOMA • SEATTLE • SPOKANE • TRI-CITIES

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Project Title:
**EDGEMONT JUNIOR
HIGH SCHOOL FIELD
BOUNDARY &
TOPOGRAPHIC SURVEY**

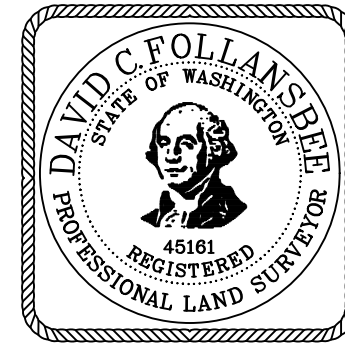
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Job No.
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ADDITION TO THAT PROJECT OR FOR ANY OTHER PROJECT.

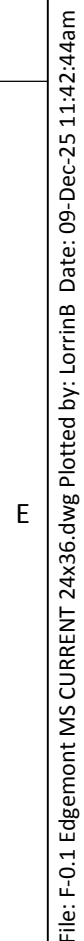
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Revisions:

Sheet Title:
**TOPOGRAPHIC
SURVEY**

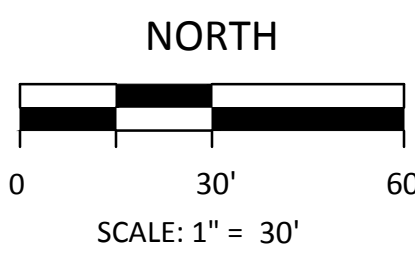
Designed by: Drawn by: Checked by:
GD DF

Sheet No.



TESC NOTES SEE SHEET F-0.4

	LIMIT OF WORK		FORCE MAIN
	FILTER FENCE		TEMPORARY SUMP
	CATCH BASIN PROTECTION		7,400 GALLON CAPACITY STORAGE TANK
	TEMPORARY CONSTRUCTION ENTRANCE		

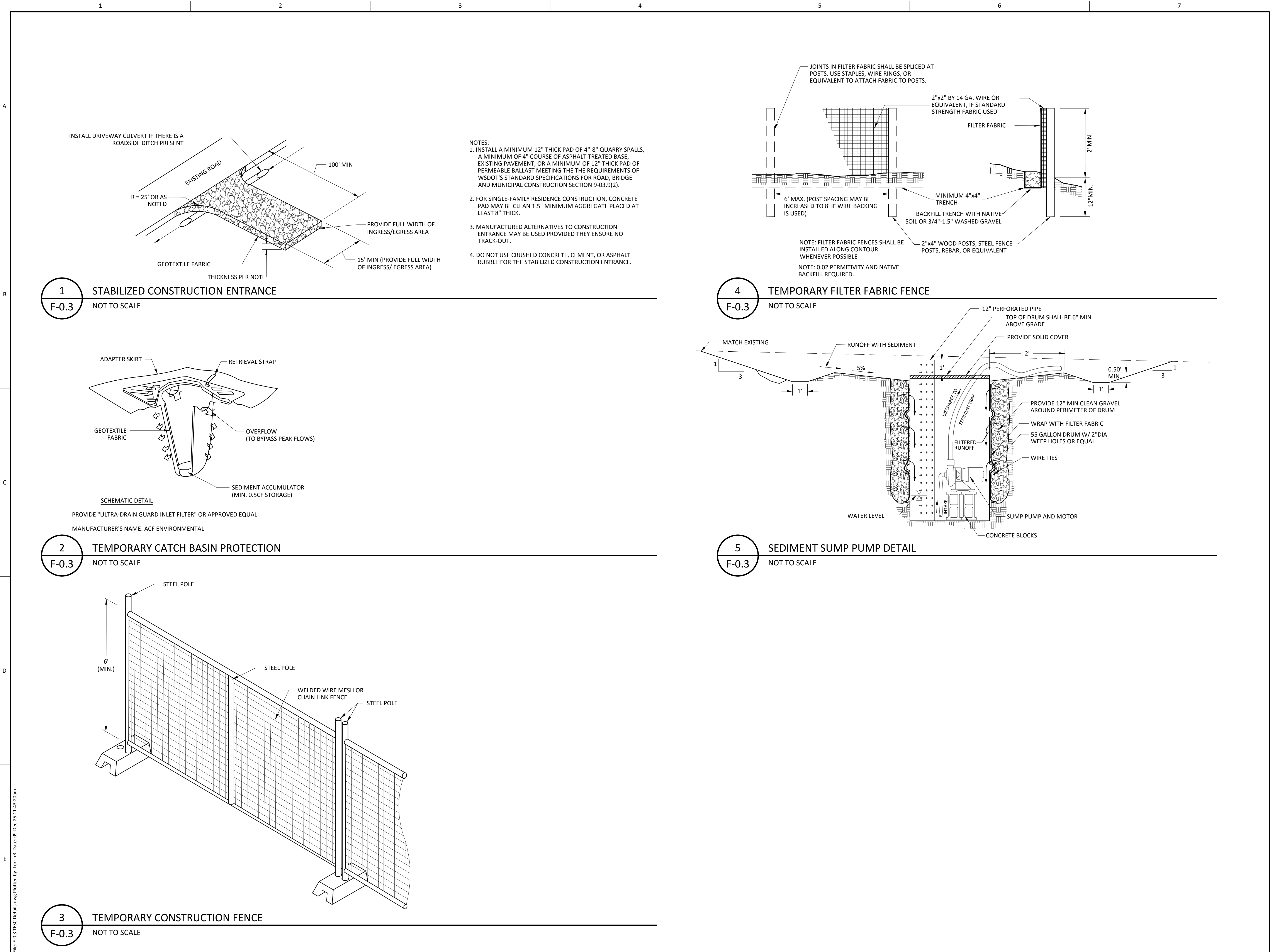
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DESIGN DEVELOPMENT

TESC PLAN

SHEET

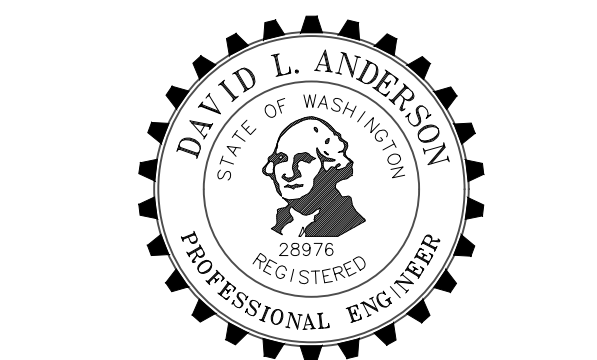
F-0.2



REVISION	DATE



EDGEMONT
JUNIOR HIGH
TRACK
REPLACEMENT



DESIGN DEVELOPMENT	
DATE	12-9-25
SCALE	AS NOTED
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CHECKED	JAB
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TESC DETAILS

T.E.S.C. NOTES

1. All workmanship and materials shall be in accordance with County standards and the most current copy of the State of Washington Standard Specifications for Road, Bridge and Municipal Construction (WSDOT/APWA) and as amended by the County or the State.
2. Temporary erosion/water pollution prevention measures shall be required in accordance with the Pierce County Stormwater Management Manual and the Dept. of Ecology's Construction Stormwater General Permit. Should the temporary erosion and sedimentation control measures as shown on this drawing not prove adequate to control erosion and sedimentation, the applicant/contractor shall install additional facilities as necessary to protect adjacent properties, sensitive areas, natural water courses, and/or storm drainage systems.
3. Call the underground locate line 1-800-424-5555 a minimum of 48 hours prior to any excavations.
4. The storm drainage system shall be constructed according to approved plans on file with the County. Any significant deviation from the approved plans will require written approval from the County.
5. A copy of the approved Construction Stormwater Pollution Prevention Plan and stormwater plans must be on the job site whenever construction is in progress.
6. All erosion control and stormwater facilities shall be regularly inspected and maintained by the designated Certified Erosion and Sediment Control Lead (CESCL) during construction.
7. It shall be the sole responsibility of the contractor to obtain street use and other related or required permits prior to any construction activity in the Municipality's right-of-way. It shall also be the responsibility of the contractor to obtain all required permits prior to any construction. The contractor shall abide by all requirements for traffic control & safety when working in the road right-of-way.
8. The Contractor shall notify the Project Engineer in the event or discovery of poor soils, standing groundwater, or severe discrepancies from soil log descriptions as noted on the plans.
9. For public systems, the contractor shall call for inspection 48 hours prior to covering any drainage structure.
10. All drainage structures, such as catch basins and manholes, not located within a traveled roadway or sidewalk, shall have solid locking lids. All drainage structures associated with a permanent retention/detention facility shall have solid locking lids.

DUST CONTROL NOTES

1. CONTRACTOR SHALL MINIMIZE THE PERIOD OF SOIL EXPOSURE THROUGH USE OF TEMPORARY GROUND COVER AND OTHER TEMPORARY STABILIZATION SUCH AS SEEDING AND MULCHING, AND EROSION BLANKETS.
2. DURING CONSTRUCTION AND DRY WEATHER, SPRINKLE THE SITE WITH WATER UNTIL SURFACE AREA IS WET. REPEAT THE PROCESS AS NEEDED DURING THE DAY.
3. ALL TRUCK TRAFFIC MUST USE THE CONSTRUCTION ENTRANCE AS SHOWN ON THE T.E.S.C. PLANS TO PREVENT CARRYING SOIL INTO STREET.
4. DURING CONSTRUCTION, ALL PROPERTIES AND ALL PUBLIC STREETS ADJACENT TO PROJECT WHICH WILL BE USED BY CONSTRUCTION TRAFFIC SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION.

CONSTRUCTION SEQUENCE

1. HOLD THE PRE-CONSTRUCTION MEETING.
2. FLAG OR FENCE CLEARING LIMITS.
3. POST A SIGN WITH THE NAME AND PHONE NUMBER OF THE ESC SUPERVISOR.
4. INSTALL CATCH BASIN PROTECTION.
5. GRADE AND INSTALL CONSTRUCTION ENTRANCE.
6. INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
7. MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH KITSAP COUNTY STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
8. RELOCATE SURFACE WATER CONTROLS OR EROSION CONTROL MEASURES, OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE KITSAP COUNTY EROSION AND SEDIMENT CONTROL STANDARDS.
9. COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN (7) DAYS DURING THE DRY SEASON OR TWO (2) DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, OR EQUIVALENT.
10. STABILIZE ALL AREAS WITHIN SEVEN (7) DAYS OF REACH FINAL GRADE.
11. SEED OR SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.
12. UPON COMPLETION OF THE PROJECT, STABILIZE ALL DISTURBED AREAS AND REMOVE BMP'S IF APPROPRIATE.

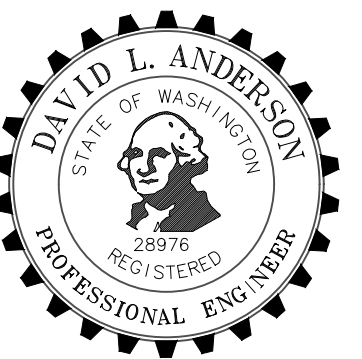
GENERAL NOTES

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.

REVISION	DATE



EDGEMONT JUNIOR HIGH TRACK REPLACEMENT

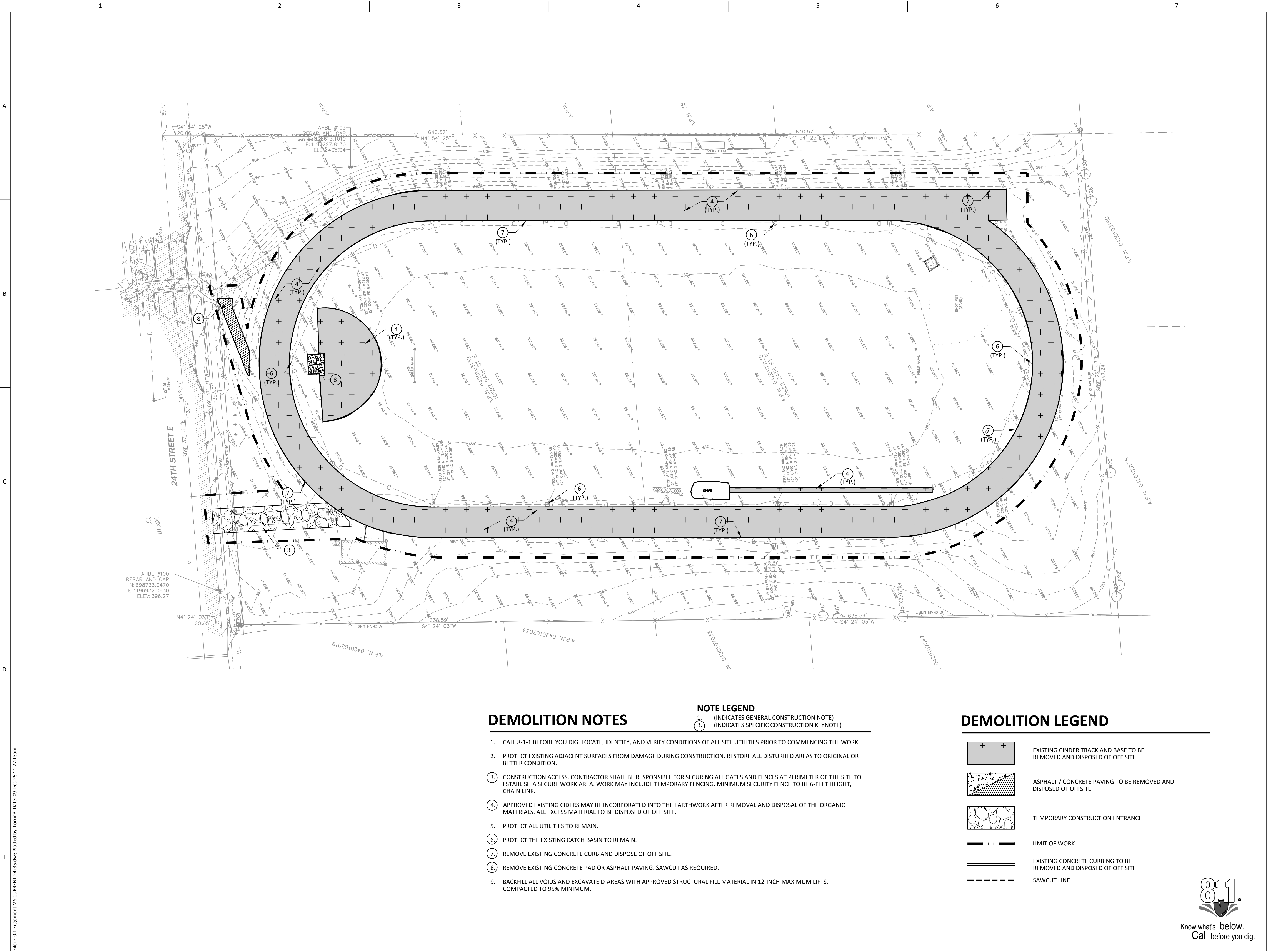


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TESC NOTES

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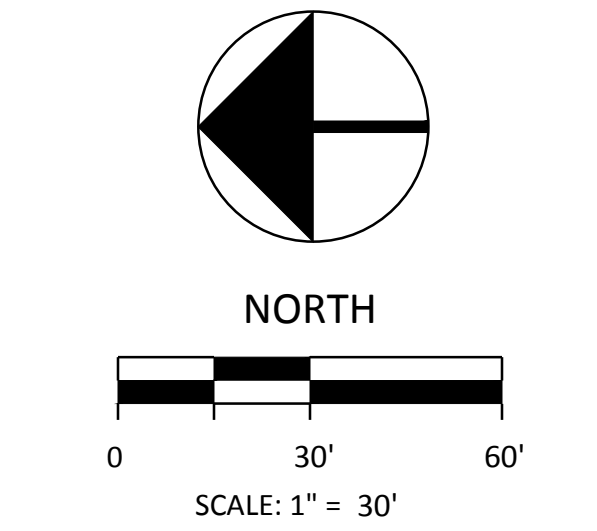
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REVISION	DATE

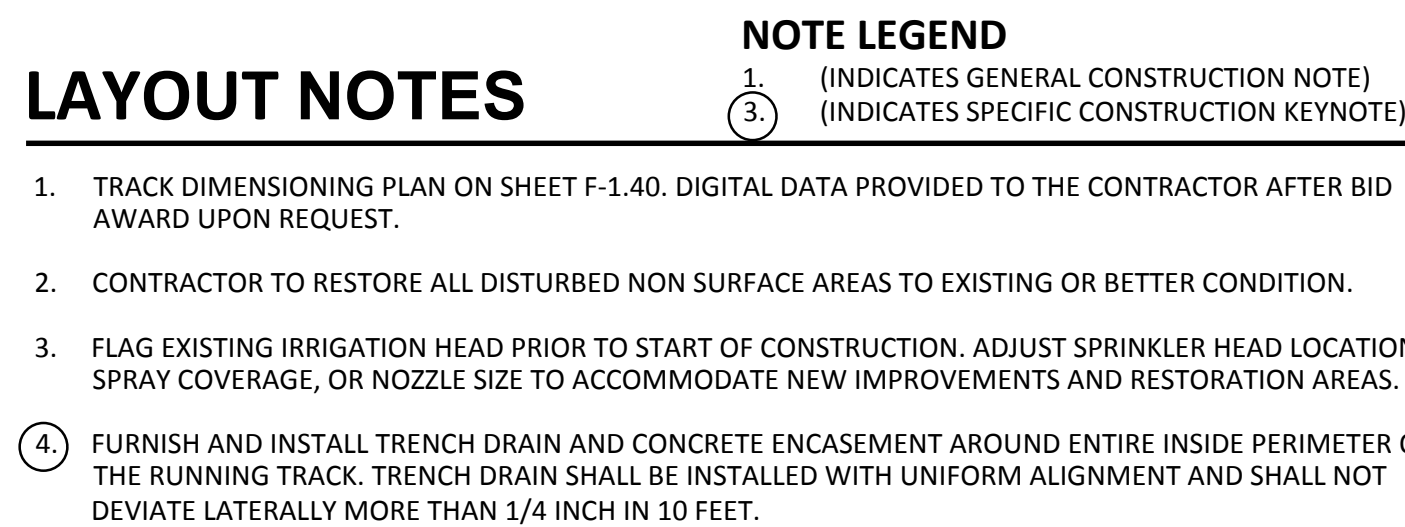


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DEMOLITION
PLAN

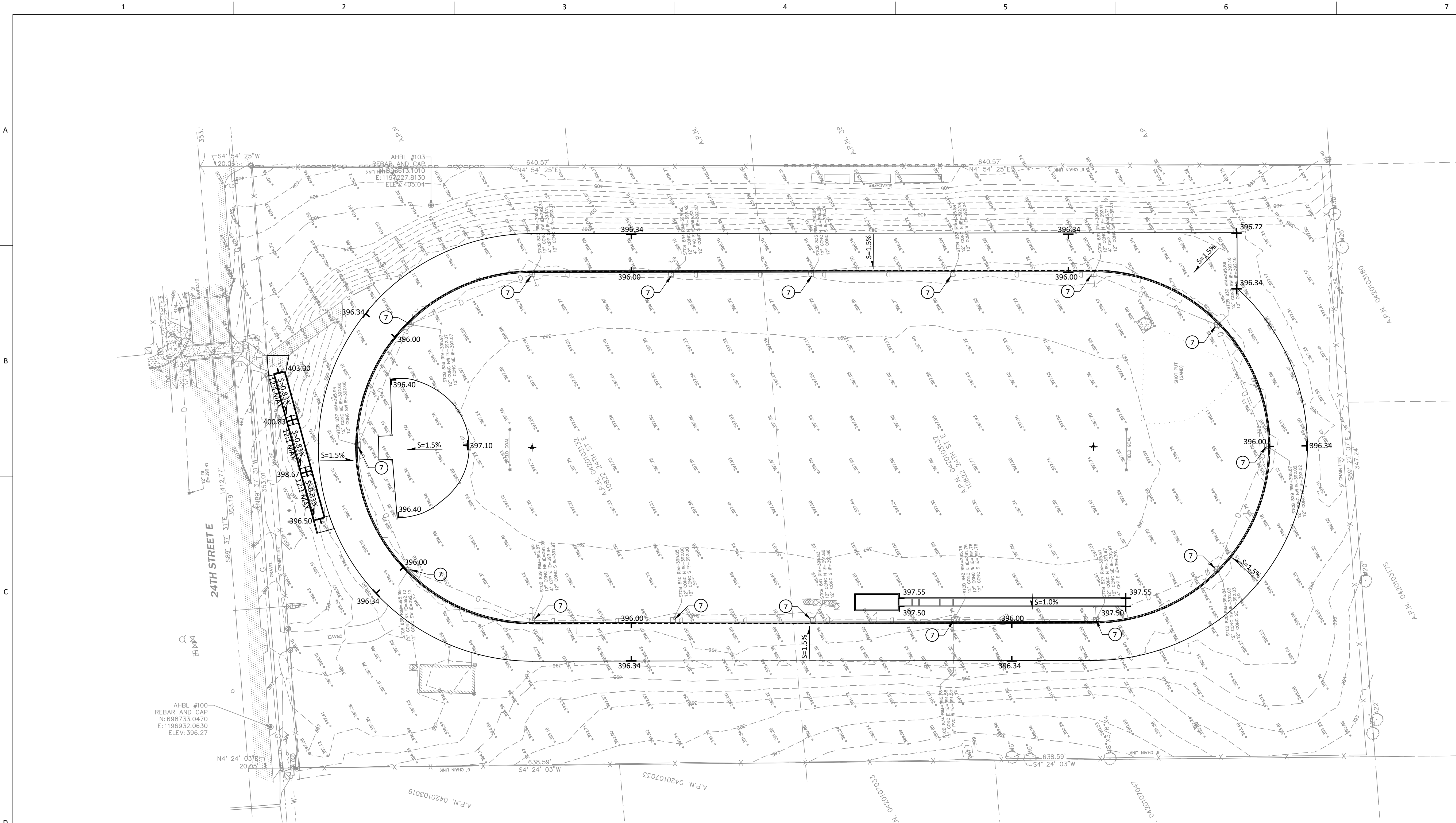


5. IMMEDIATELY PRIOR TO RUBBERIZED SURFACING APPLICATION, ASPHALT SHALL BE THOROUGHLY CLEANED OF ALL DIRT, DEBRIS OR ANY OTHER SUBSTANCES THAT WILL BE DETRIMENTAL TO THE INSTALLATION. ALL SURFACES TO BE PRESSURED WASHED.
6. FINISH SURFACE PLANARITY OF THE ASPHALT BENEATH THE RUBBERIZED SURFACING SHALL NOT DEVIATE MORE THAN 1/8" WHEN MEASURED WITH A 10-FOOT STRAIGHT EDGE IN ALL DIRECTIONS.
7. APPLY SUCH PRIMING MATERIAL AS MAY BE NECESSARY TO ASSURE COMPLETE BOND OF POLYURETHANE RUBBERIZED TRACK AND FIELD EVENT SURFACING TO THE EXISTING ASPHALT PAVING.
8. CONTRACTOR SHALL PROTECT ALL ADJACENT AREAS FROM ANY CONTAMINATION OR OVER SPRAY FROM RUBBERIZED SURFACING INSTALLATION PROCEDURES. TAPE PLASTIC SHEETING TO EDGING OR ADJACENT EXPOSED ASPHALT OR CONCRETE PAVING TO PROTECT FIELD SURFACING, ADJACENT AREAS AND STRUCTURES, INCLUDING FENCING AND BLEACHERS.
9. FURNISH AND INSTALL COMPLETE TRACK AND FIELD EVENT LINES AND MARKINGS.
10. UPON COMPLETION OF THE TRACK MARKINGS, THE TRACK SURFACING CONTRACTOR SHALL FURNISH AN ACCEPTABLE DOCUMENT OR CERTIFICATE OF ACCURACY TO THE OWNER ATTESTING TO THE ACCURACY OF THE MARKINGS AND MEASUREMENTS AND SHALL INCLUDE COPIES OF THE COMPUTATIONS, CALCULATIONS, AND DRAWINGS THAT WERE USED TO OBTAIN THIS ACCURACY.

	RUBBERIZED SURFACING AND ASPHALT PAVING		CONCRETE CURBING
	CONCRETE PAVING		TRENCH DRAIN
	JUMP PIT SAND		RAMP HANDRAIL

SHEET

F-1.1



File: F-01 Edgemont MS CURRENT 24x36.dwg Plotted by: LorrinB Date: 09-Dec-25 11:18am

- GRADING NOTES

1

(INDICATES GENERAL CONSTRUCTION NOTE)

3

(INDICATES SPECIFIC CONSTRUCTION KEYNOTE)
1.

THE CONTRACTOR SHALL CALL AND NOTIFY DIGALERT AT 8-1-1 A MINIMUM OF 2 WORKING DAYS BEFORE DEMOLITION, DIGGING, OR GRADING OPERATIONS OCCUR.
2.

NEW CONTOURS SHOWN ARE FINISH GRADE ELEVATIONS.
3.

BACKFILL AND COMPACT EXCAVATED AREAS RESULTING FROM DEMOLITION ACTIVITIES WITH SELECT FILL TO 95% WITH 12" MAX LIFTS.
4.

CONTRACTOR SHALL SURVEY PROPOSED FINISH GRADES OF TRACK PRIOR TO INSTALLATION AND REVIEW WITH ENGINEER FOR APPROVAL TO PROCEEDING.
5.

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.
6.

ALL PERIMETER PAVING SHALL MEET AND MATCH ADJACENT SURFACES.
- 7

ADJUST RIMS OF CATCH BASINS TO FLUSH WITH TRENCH DRAIN ELEVATIONS AT 396.00.

- GRADING LEGEND

110

EXISTING CONTOUR LINES

468.30

SPOT ELEVATION

411

NEW CONTOUR LINES

411.5

NEW HALF CONTOUR LINES

S=2.0%

SURFACE SLOPE

X

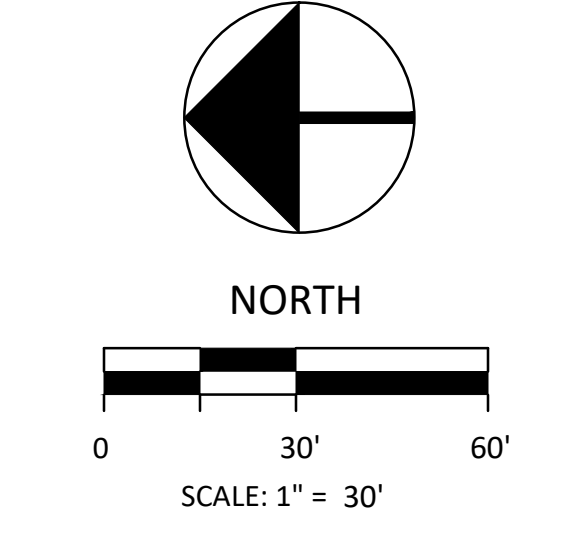
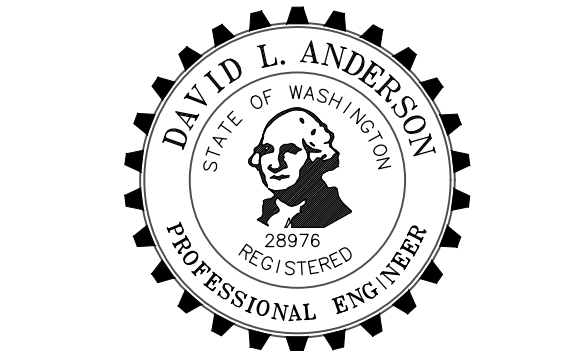
MATCH TO EXISTING



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GRADING PLAN



1. TRENCH EXCAVATION SHALL BE MADE TO THE ALIGNMENT, ELEVATION, GRADE AND SLOPE AS INDICATED ON THE DRAWINGS. TRENCHING SHALL BE ACCOMPLISHED UTILIZING EQUIPMENT WITH SLOPE AND DEPTH CONTROL, SUCH AS "LASER PLANE CONTROL SYSTEM", SO AS TO ENSURE ACCURACY IN THE BOTTOM OF THE TRENCH.
2. NO HIGH POINTS ABOVE DESIGNATED INVERT OR CALCULATED TRENCH BOTTOM ELEVATION WILL BE PERMITTED. NO SLOUGHING OF SITE MATERIAL OR LOOSE EXCAVATED SOIL WILL BE PERMITTED TO REMAIN IN THE TRENCHES.
3. EXCAVATION BELOW INVERT GRADE MUST BE ESTABLISHED TO A DEPTH SO AS TO PROVIDE FOR SPECIFIED PLACEMENT OF PEA GRAVEL BEDDING AT BOTTOM OF PIPE ELEVATION PRIOR TO LAYING THE PERFORATED PIPE.
4. NO FOREIGN MATERIAL WILL BE PERMITTED INSIDE, ALONGSIDE, UNDER, OR ON TOP OF THE PERFORATED DRAIN PIPE.
5. THE BACKFILL FOR ALL PERFORATED PIPE SHALL BE CLEAN WASHED PEA GRAVEL. REFER TO THE SPECIFICATIONS FOR THE GRADATION REQUIREMENTS.
6. DURING PLACEMENT OF SPECIFIED TRENCH BACKFILL, PIPE MUST BE HELD IN PLACE TO PREVENT DISPLACEMENT AND PROVIDE FOR ACHIEVING SPECIFIED INVERT ELEVATION. DO NOT DAMAGE PIPE OR ALLOW PIPE TO BE DISPLACED BY PLACEMENT OF BACKFILL MATERIAL.

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

7. CONNECT TAKE OFF BOARD DRAIN TO 4" DRAINAGE LATERAL. 4" DRAINAGE LATERAL SHALL CONNECT TO 8" COLLECTOR.

8. CONNECT TRENCH DRAIN CATCH BASIN TO 8" COLLECTOR WITH 6" CPEP PIPE.

9. CONCRETE CONTAINMENT AT TRENCH DRAIN SHALL BE SET FLUSH WITH ASPHALT PAVING. ALL INTERIOR TRENCH DRAIN CONCRETE SHALL RECEIVE 1/2" RUBBERIZED SURFACING.

10. CONNECT NEW 8" CPEP TO EXISTING CATCH BASIN. EXISTING OUTLET TO BE CAPPED AND ABANDONED. GROUT EXISTING OUTLET.

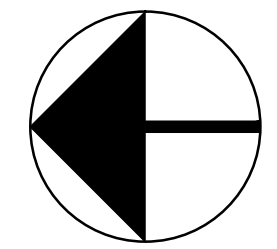
11. CONTRACTOR SHALL FIELD VERIFY EXISTING WATER MAIN DEPTH 462.90 PRIOR TO INSTALLATION OF STORM DRAINAGE.

	PERFORATED FRENCH DRAIN
	PERFORATED CPPE SUBSURFACE DRAINAGE COLLECTOR
	SOLID PIPE
	SLOPE
	FLOW DIRECTION
	INVERT ELEVATION
	COLLECTOR INVERT ELEVATION
	CATCH BASIN INLET (CBI) TYPE 1
	CATCH BASIN INLET (CBI) TYPE 2 FLOW CONTROL
	EXISTING CATCH BASIN INLET
	TRENCH DRAIN CATCH BASIN
	TRENCH DRAIN



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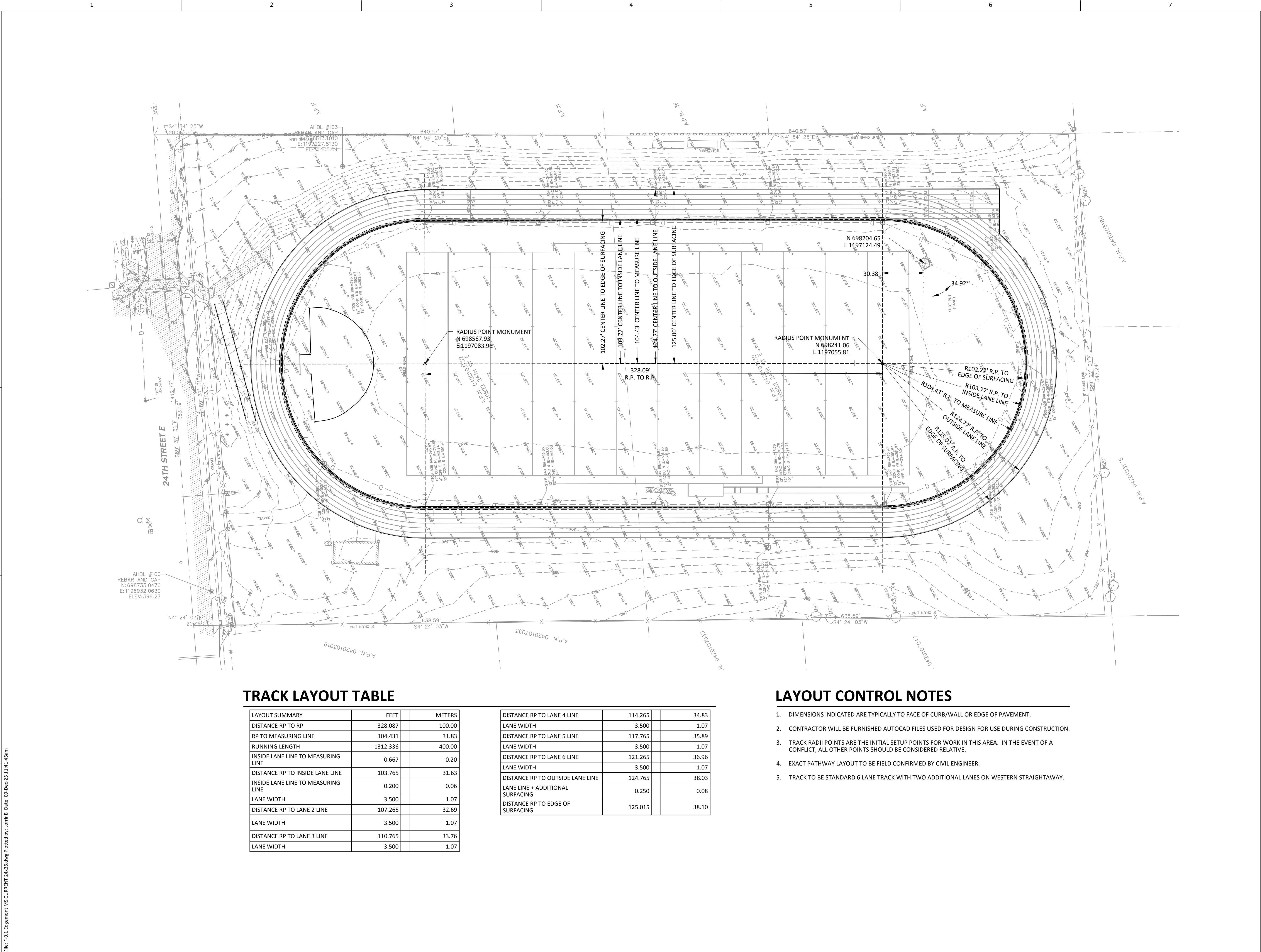


0 30' 60'

SCALE: 1" = 30'

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F-1.3



TRACK LAYOUT TABLE

LAYOUT SUMMARY	FEET	METERS
DISTANCE RP TO RP	328.087	100.00
RP TO MEASURING LINE	104.431	31.83
RUNNING LENGTH	1312.336	400.00
INSIDE LANE LINE TO MEASURING LINE	0.667	0.20
DISTANCE RP TO INSIDE LANE LINE	103.765	31.63
INSIDE LANE LINE TO MEASURING LINE	0.200	0.06
LANE WIDTH	3.500	1.07
DISTANCE RP TO LANE 2 LINE	107.265	32.69
LANE WIDTH	3.500	1.07
DISTANCE RP TO LANE 3 LINE	110.765	33.76
LANE WIDTH	3.500	1.07

DISTANCE RP TO LANE 4 LINE	114.265	34.83
LANE WIDTH	3.500	1.07
DISTANCE RP TO LANE 5 LINE	117.765	35.89
LANE WIDTH	3.500	1.07
DISTANCE RP TO LANE 6 LINE	121.265	36.96
LANE WIDTH	3.500	1.07
DISTANCE RP TO OUTSIDE LANE LINE	124.765	38.03
LANE LINE + ADDITIONAL SURFACING	0.250	0.08
DISTANCE RP TO EDGE OF SURFACING	125.015	38.10

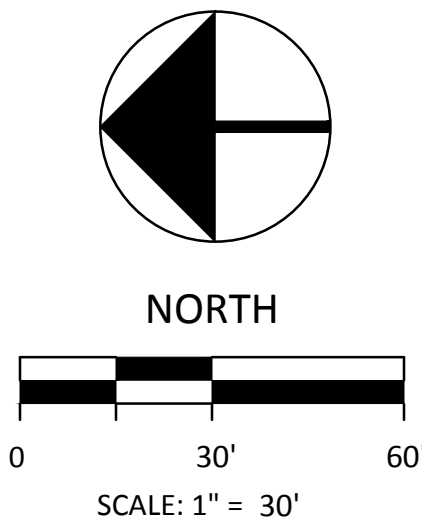
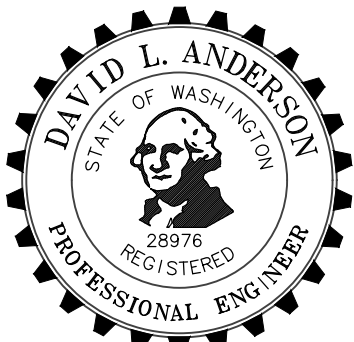
LAYOUT CONTROL NOTES

- DIMENSIONS INDICATED ARE TYPICALLY TO FACE OF CURB/WALL OR EDGE OF PAVEMENT.
- CONTRACTOR WILL BE FURNISHED AUTOCAD FILES USED FOR DESIGN FOR USE DURING CONSTRUCTION.
- 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.
- EXACT PATHWAY LAYOUT TO BE FIELD CONFIRMED BY CIVIL ENGINEER.
- TRACK TO BE STANDARD 6 LANE TRACK WITH TWO ADDITIONAL LANES ON WESTERN STRAIGHTAWAY.

REVISION	DATE



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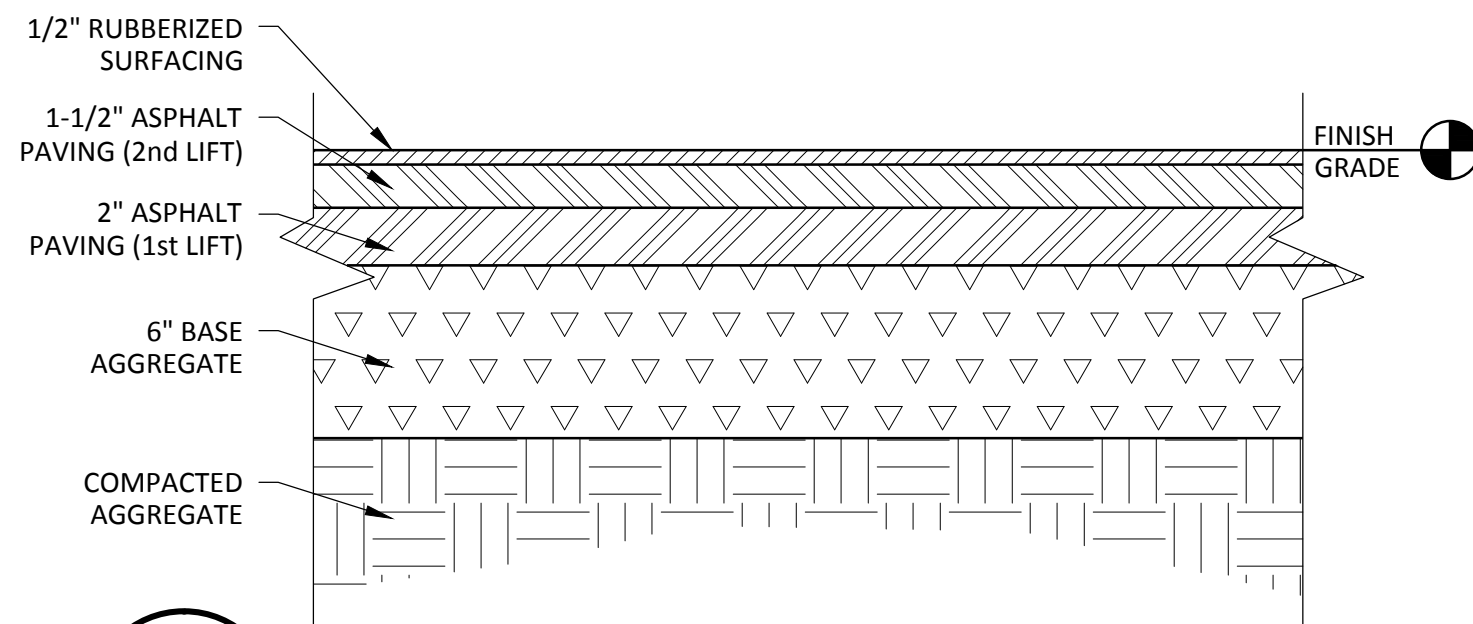
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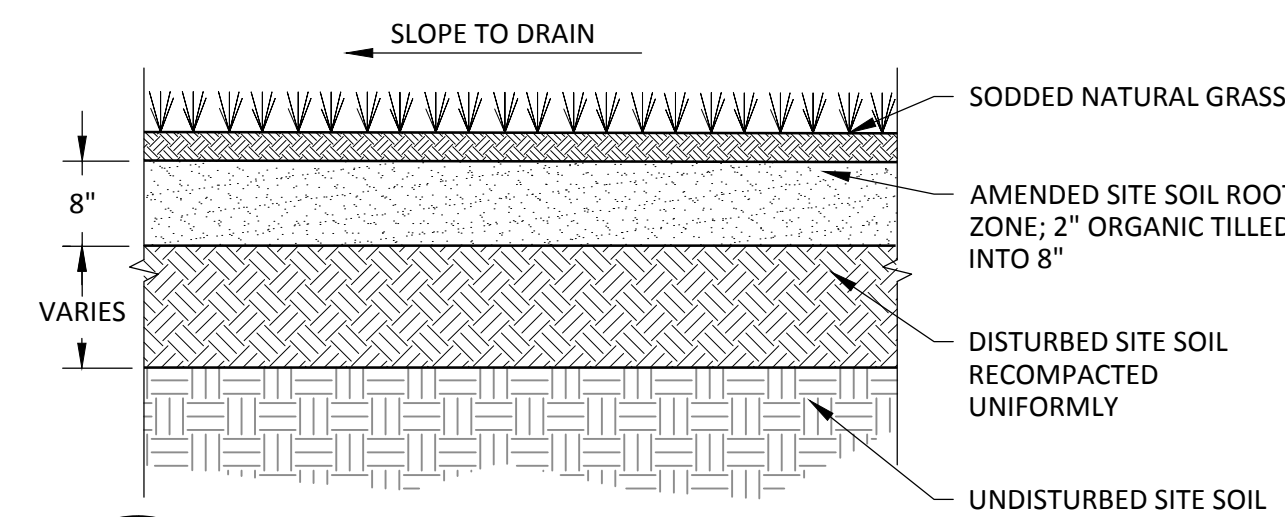
DIMENSIONING
PLAN

SHEET

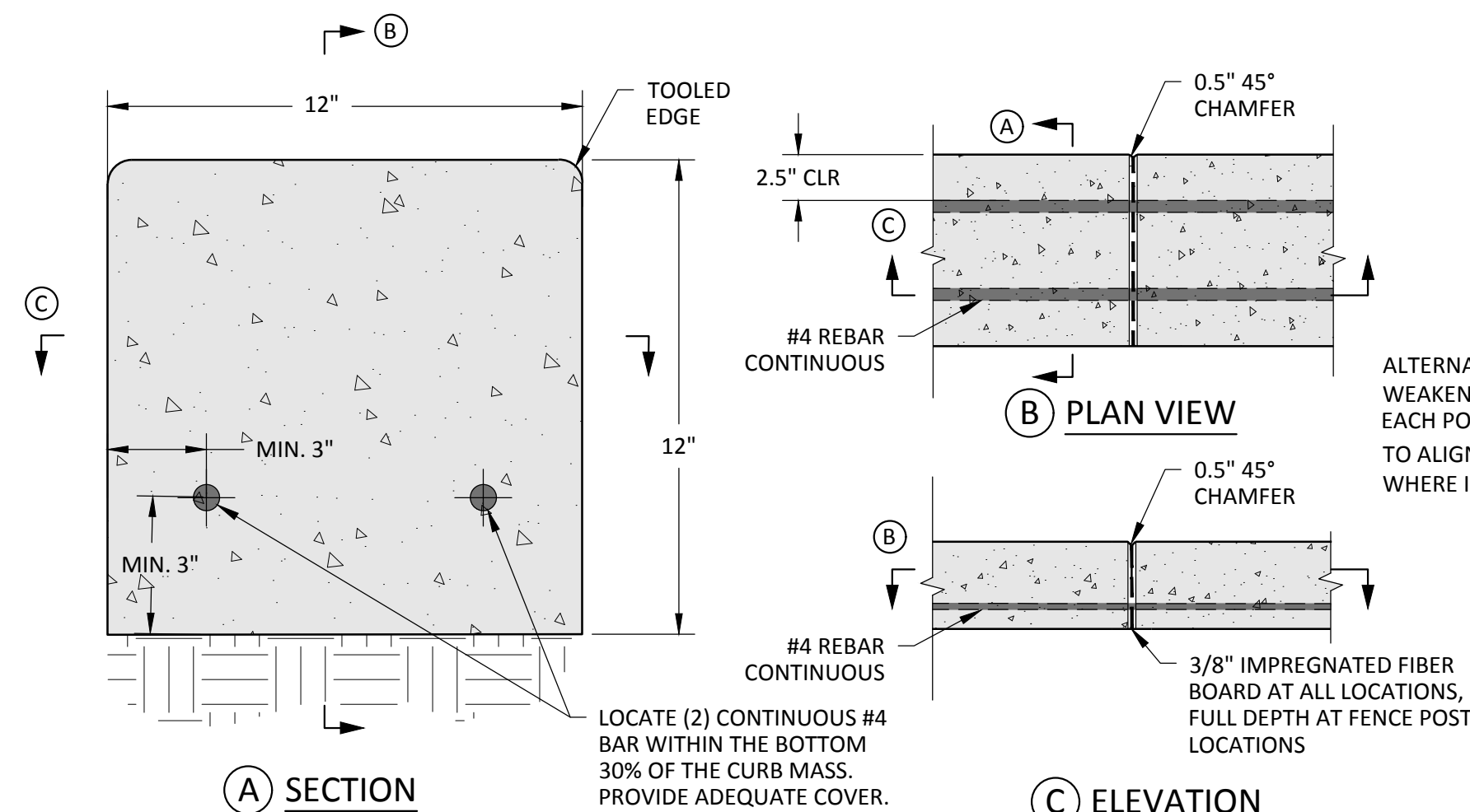
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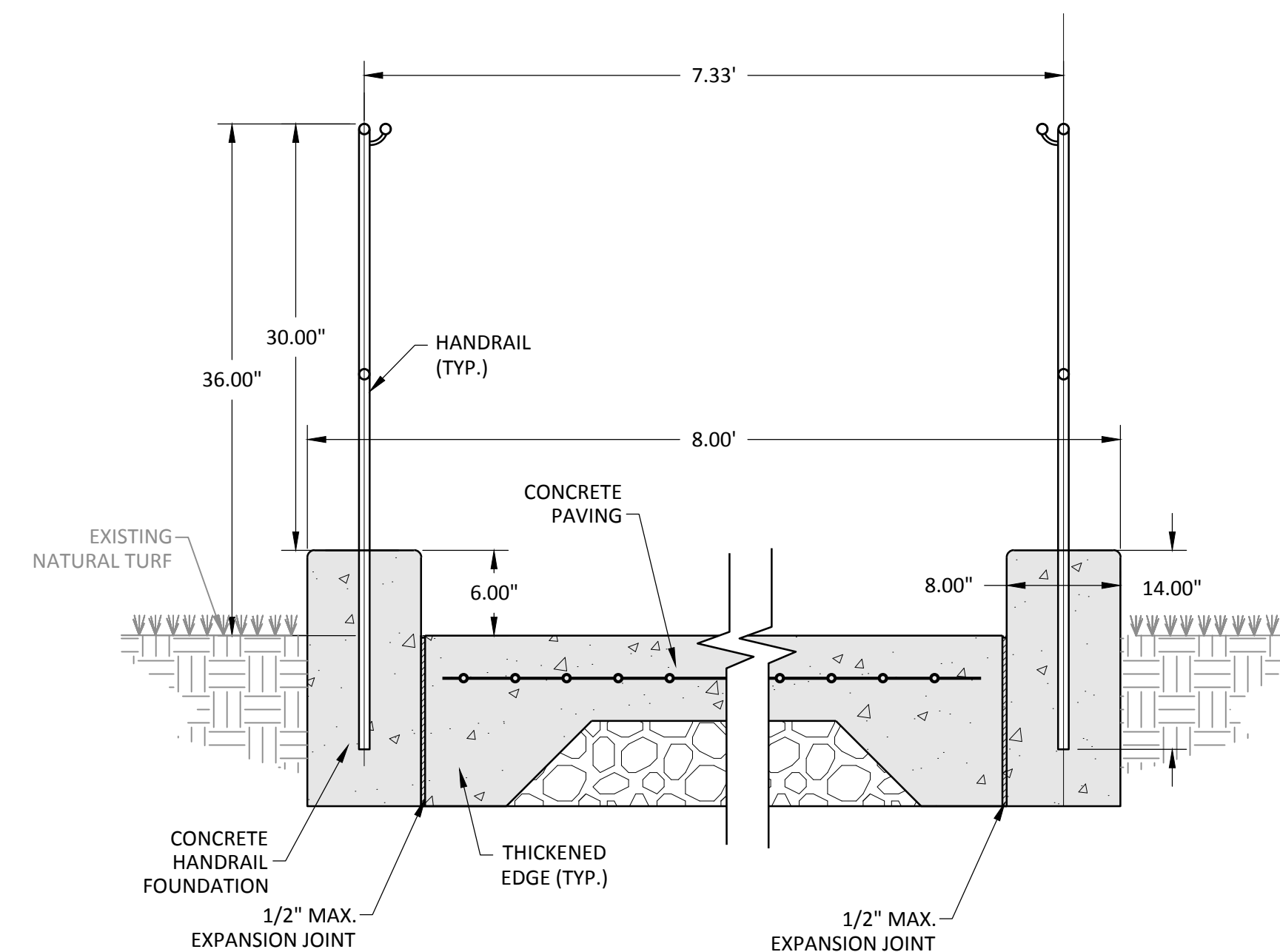
1 RUBBERIZED SURFACE SECTION
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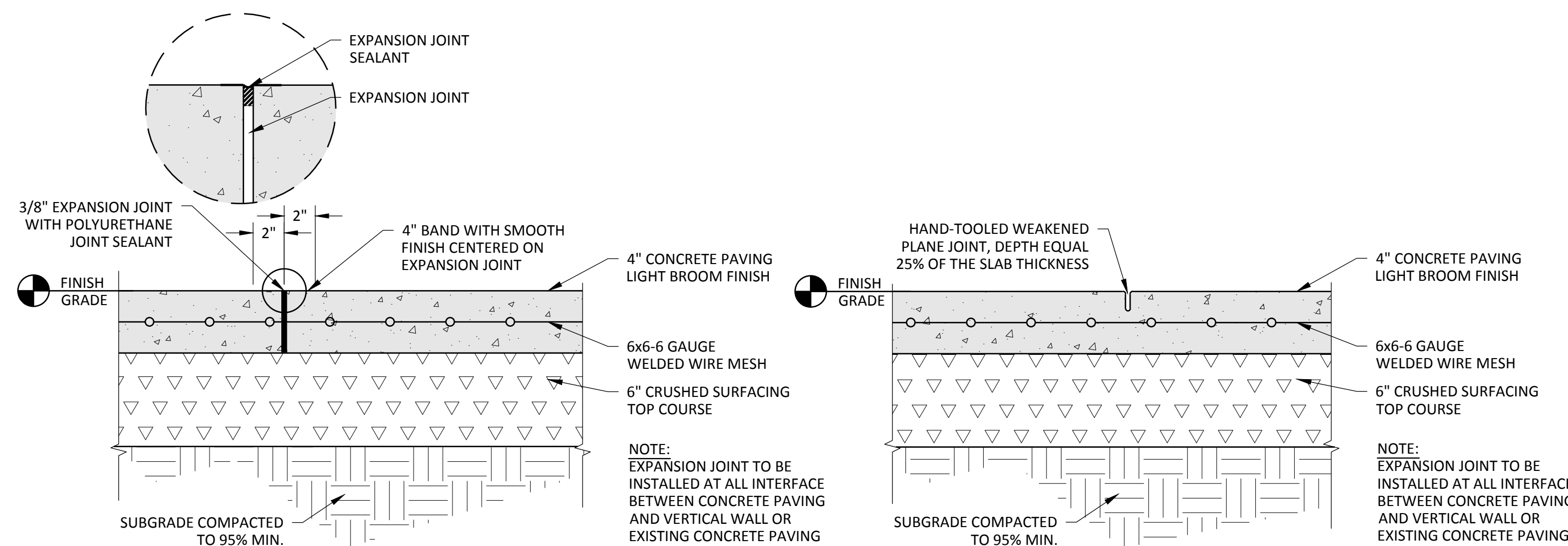
4 SODDED SITE SOIL RESTORATION
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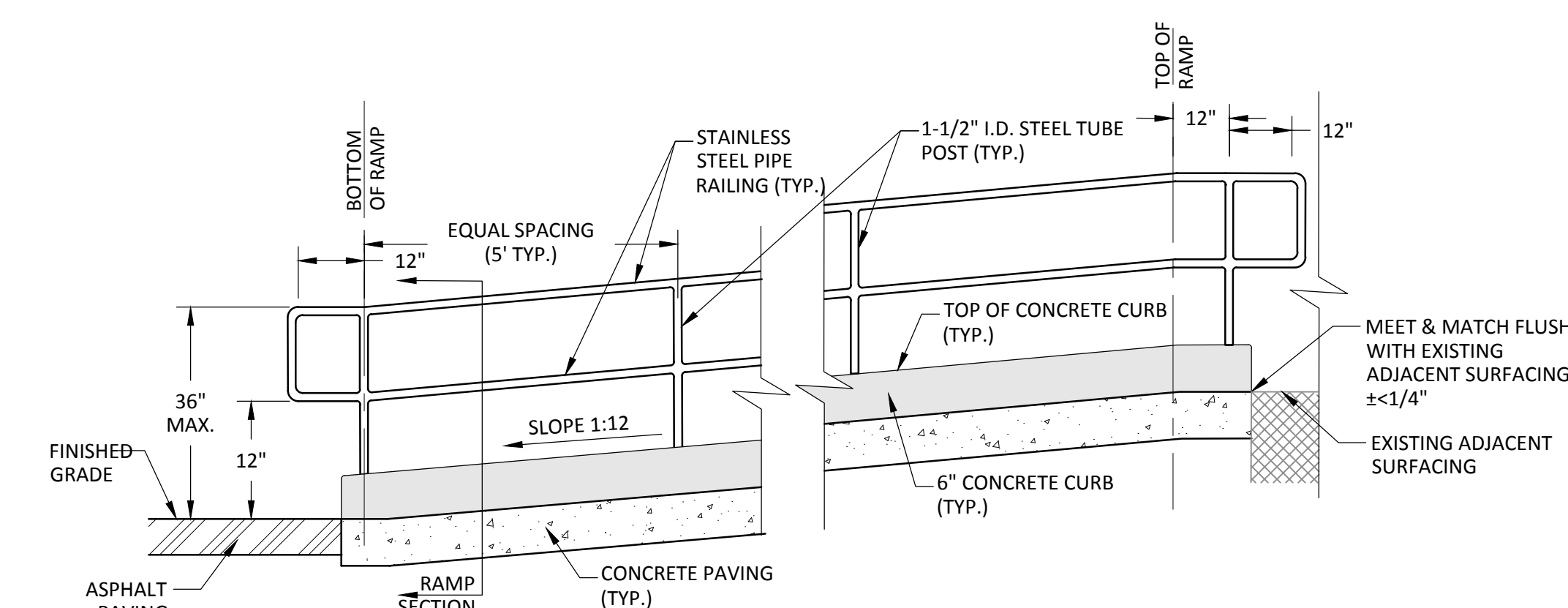
2 CONCRETE CURB & EXPANSION JOINT
F-2.1 NOT TO SCALE



5 CONCRETE RAMP SECTION
F-2.1 NOT TO SCALE



3 CONCRETE PAVING
E-2.1 NOT TO SCALE



1. RAMP SLOPES NOT TO EXCEED 1:12 (0.0833%) IN THE DIRECTION OF TRAVEL, 1:20 CROSS SLOPE.
2. RAMP LANDINGS TO BE A MINIMUM 5'X5' WITH NO SLOPE EXCEEDING 1:50.
3. RAMPS TO INCLUDE A LANDING EVERY 2.5' VERTICAL ELEVATION GAIN AND AT EACH END.
4. THE CONTRACTOR WILL SURVEY AND MEASURE THE SITE CONDITIONS PRIOR TO COMMENCING WORK ON EACH ASSEMBLY TO DETERMINE THE DEGREE OF TOLERANCE AVAILABLE. THERE MAY BE CONDITIONS WHICH REQUIRE THE CONTRACTOR'S CRAFT LABOR TO EXECUTE THE WORK WITH A MUCH FINER THAN TYPICAL TOLERANCE.

6 HANDRAIL AT RAMP
F-2.1 NOT TO SCALE

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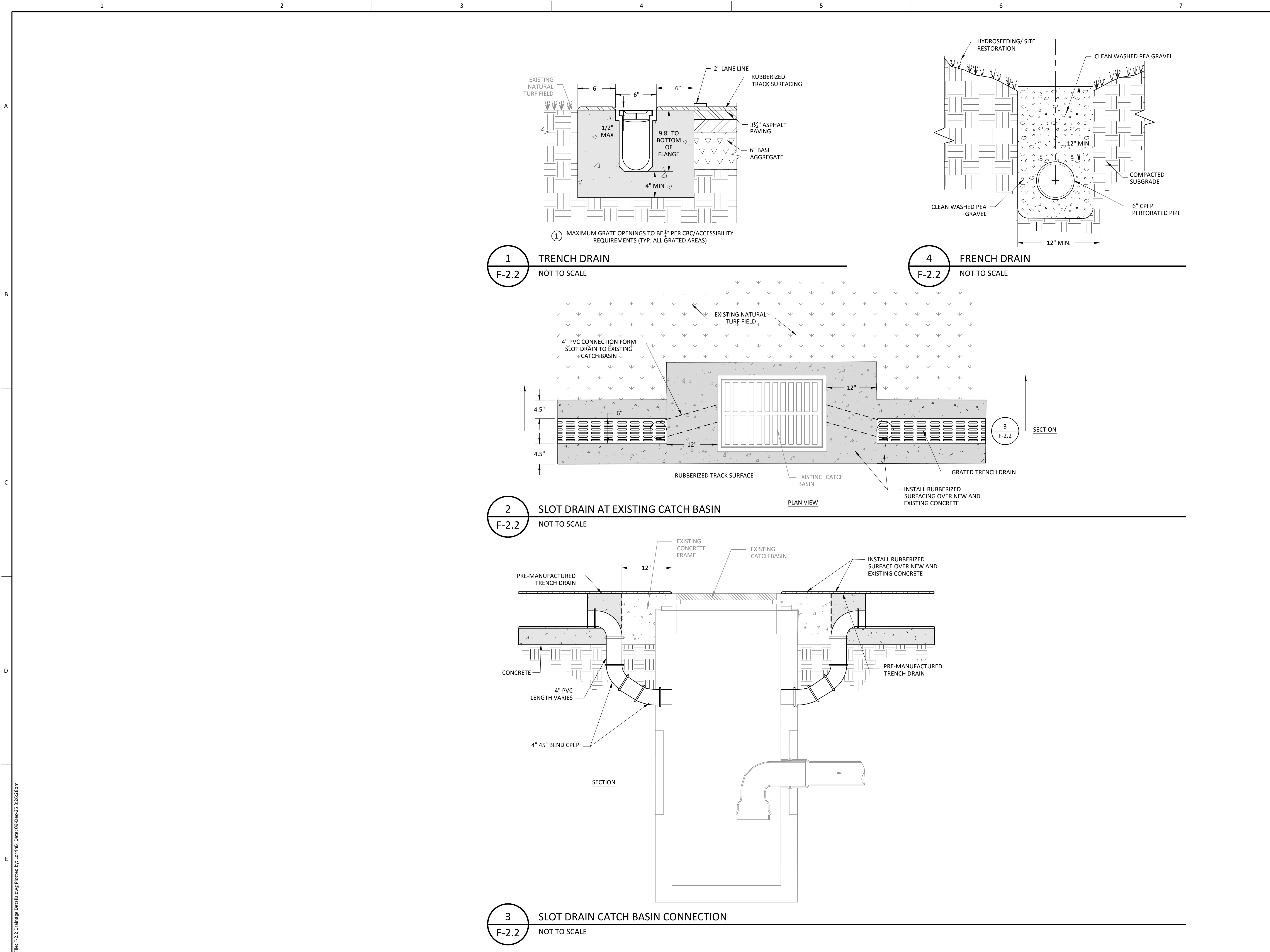


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TYPICAL SECTIONS

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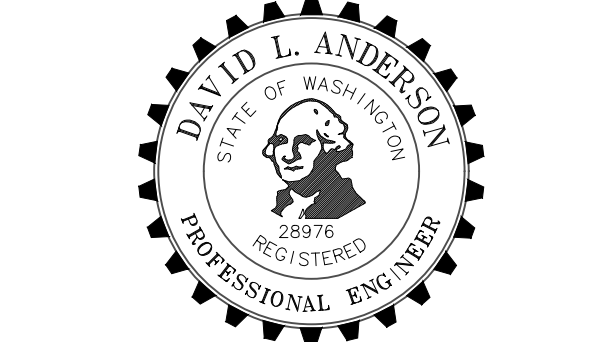
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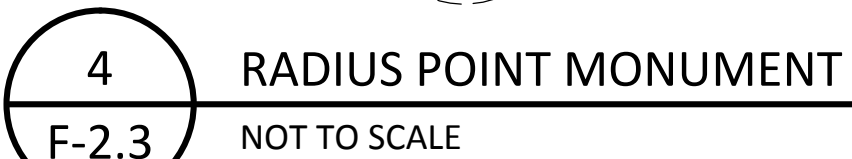
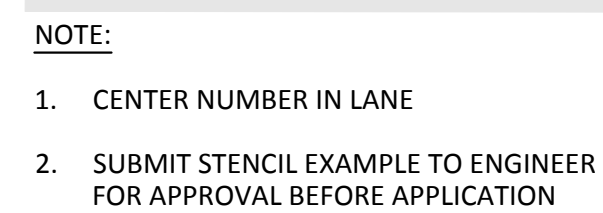
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DRAINAGE DETAILS

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1234567

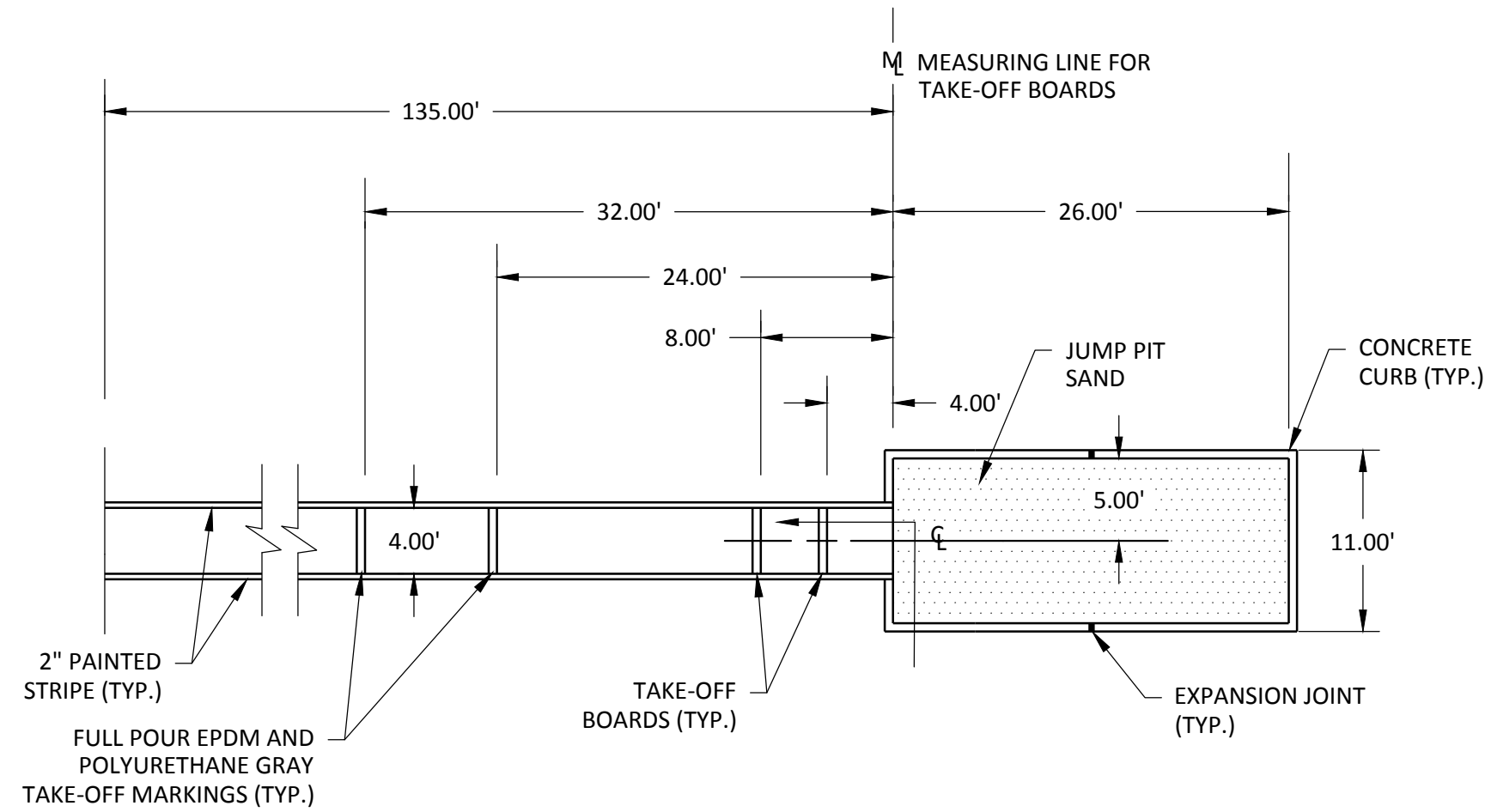
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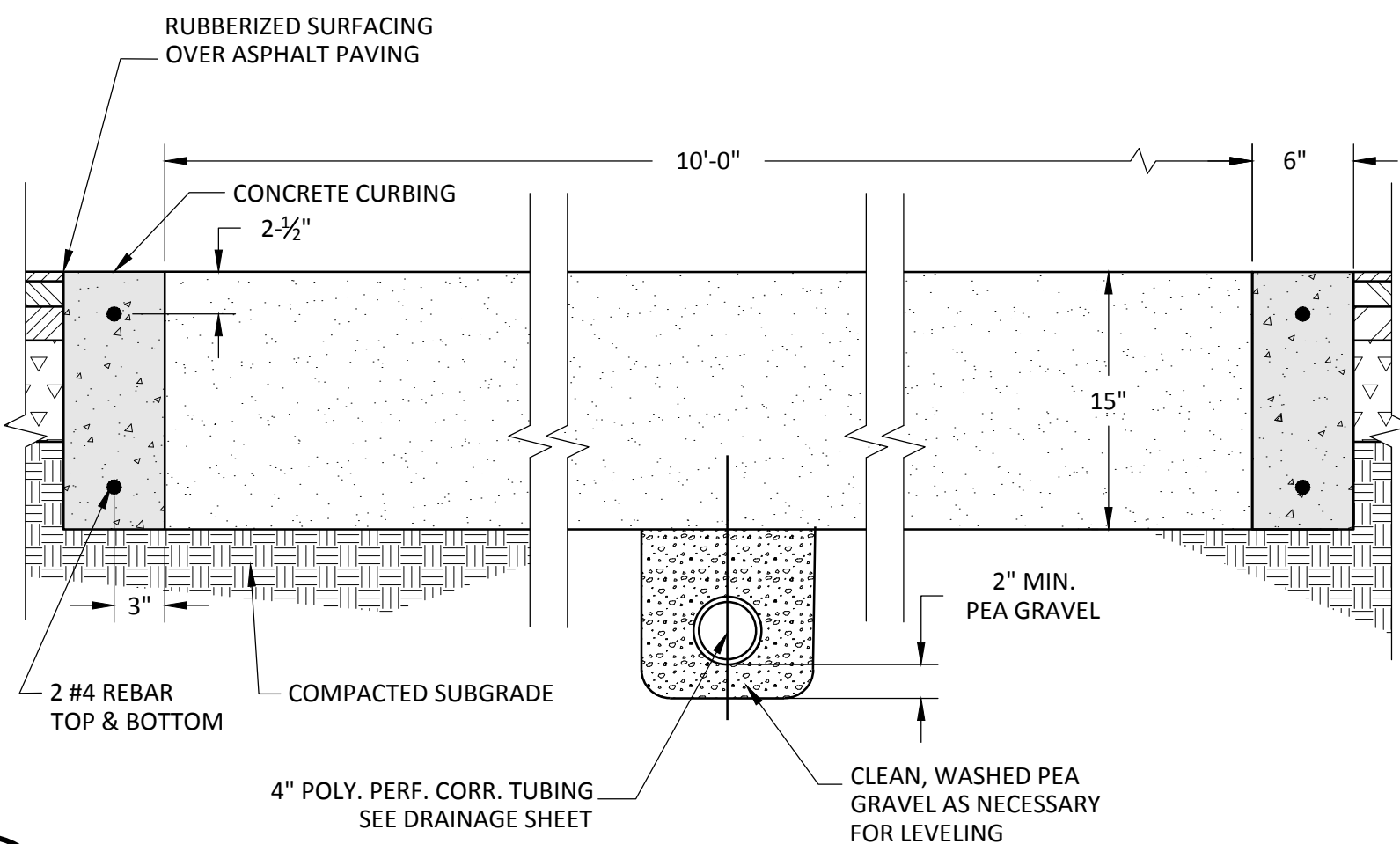
C

D

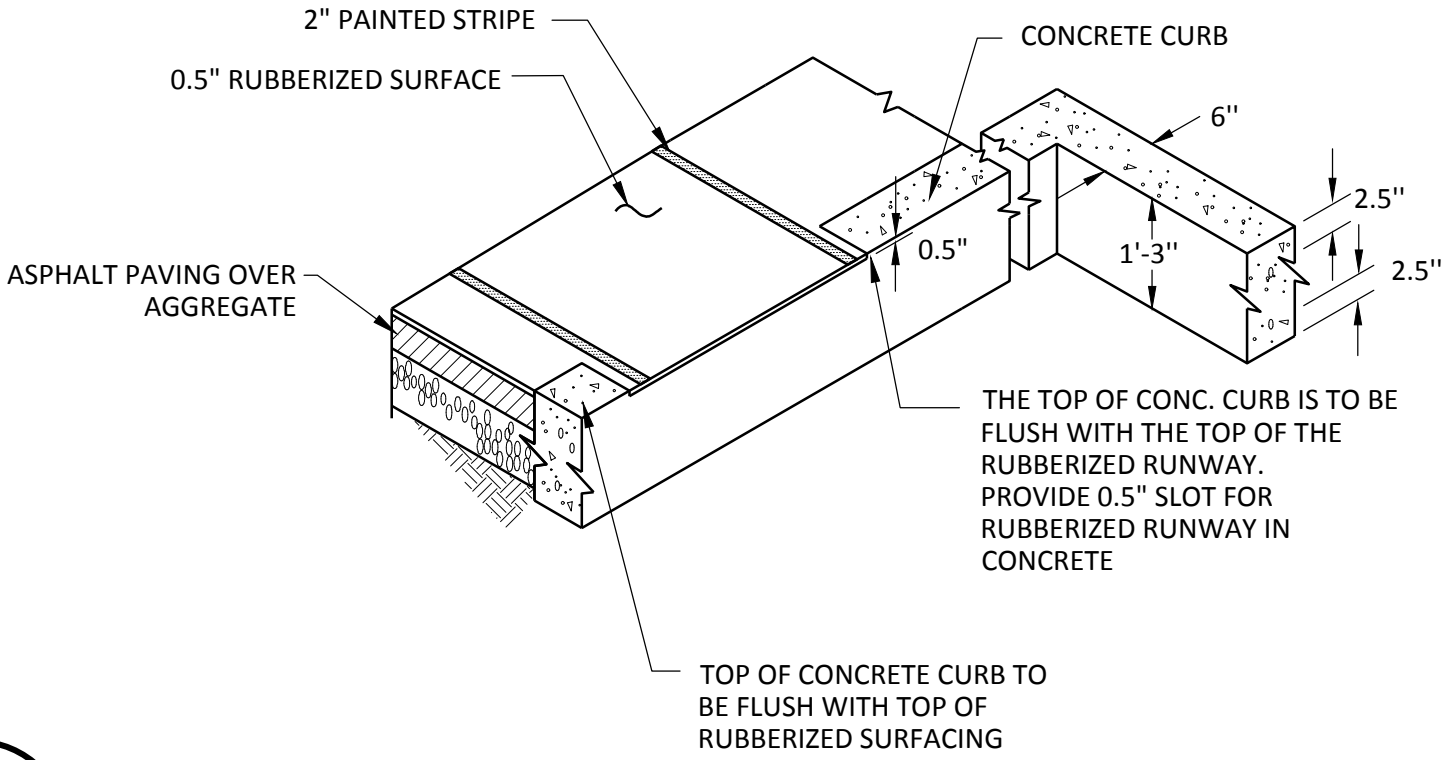
E



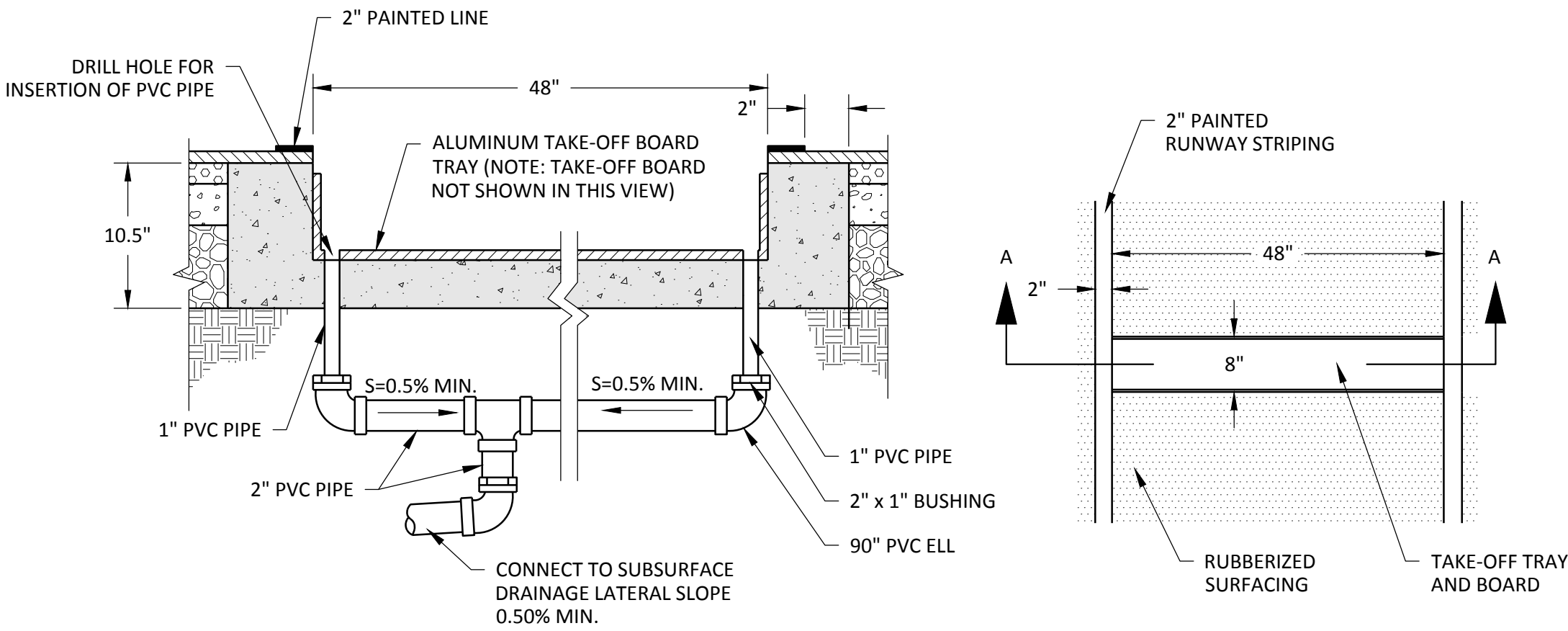
1 LONG JUMP TRIPLE JUMP PLAN VIEW
F-2.4 NOT TO SCALE



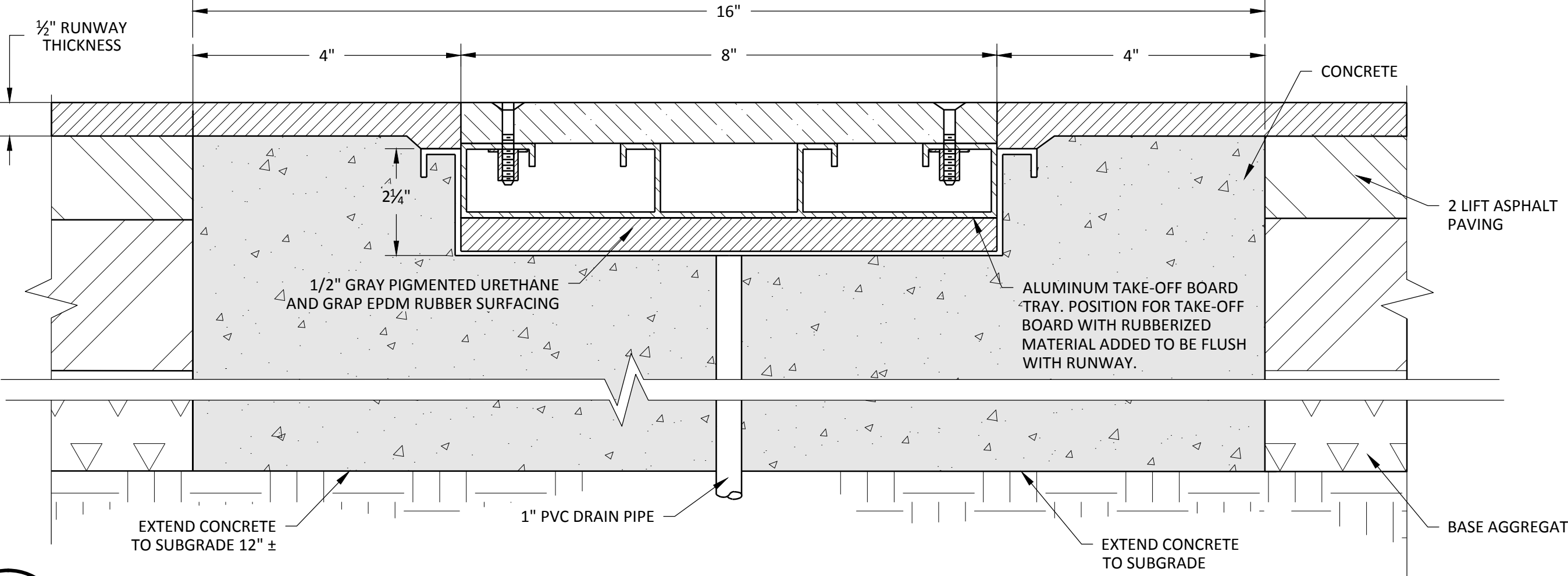
2 JUMP PIT SECTION
F-2.4 NOT TO SCALE



3 RUNWAY AT JUMP PIT CURB
F-2.4 NOT TO SCALE



4 TAKE-OFF BOARD TRAY
F-2.4 NOT TO SCALE



5 TAKE-OFF BOARD SECTION
F-2.4 NOT TO SCALE

REVISION	DATE



EDGEMONT JUNIOR HIGH TRACK REPLACEMENT



DESIGN DEVELOPMENT	
DATE	12-9-25
SCALE	AS NOTED
DRAWN	LRB
CHECKED	JAB
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FIELD EVENT DETAILS

SHEET
F-2.4

APPENDIX B

Design Calculations and Supporting Information

Sediment Sizing Calculations

Per the 2021 Pierce County Stormwater Mangement and Site Development Manual

Project Name: Edgemont Junior High School Track Replacement

Required Sediment Trap Surface Area (SA):

$$SA = 2 \cdot Q / V_{sed}$$

Where:

Q = 2-year developed flow rate from MGS Flood

V_{sed} = Settling Velocity (0.00096 ft/sec)

Calculation:

multiplier =	2	
Q =	0.296	cfs
V _{sed} =	0.00096	fps
Required SA =	616.7	square feet

Sediment Pond Volume:

Excavation for proposed detention pond to be used as sediment settling facility:

Length of Top Surface Area =	25	feet
Width of Top Surface Area =	25	feet
Surface Area Provided =	625	square feet
Side Slope =	3	(H:1V)
Total Depth of Sediment Trap =	3.5	feet
Bottom Length of Sediment Trap =	4	feet
Bottom Width of Sediment Trap =	4	feet
Total Pond Volume =	1,122	cubic feet
	8,391	gallons

WWHM2012
PROJECT REPORT - TESC Sizing

Project Name: TESC
Site Name: Edgemont JHS
Site Address: 2300 110th Ave E
City : Edgewood
Report Date: 12/17/2025
Gage : 38 IN CENTRAL
Data Start : 10/01/1901
Data End : 09/30/2059
Precip Scale: 1.00
Version Date: 2025/05/13
Version : 4.3.2

Low Flow Threshold for POC 1 : 50 Percent of the 2 Year

High Flow Threshold for POC 1: 50 year

PREDEVELOPED LAND USE

Name : Basin 1
Bypass: No

GroundWater: No

<u>Pervious Land Use</u>	<u>acre</u>
A B, Lawn, Flat	2.213
 Pervious Total	 2.213
<u>Impervious Land Use</u>	<u>acre</u>
SIDEWALKS FLAT	0.835
 Impervious Total	 0.835
 Basin Total	 3.048

Element Flows To:

Surface	Interflow	Groundwater
---------	-----------	-------------

MITIGATED LAND USE

Name : Basin 1
Bypass: No

GroundWater: No

<u>Pervious Land Use</u>	<u>acre</u>
A B, Lawn, Flat	2.213
Pervious Total	2.213
<u>Impervious Land Use</u>	<u>acre</u>
SIDEWALKS FLAT	0.835
Impervious Total	0.835
Basin Total	3.048

Element Flows To:		
Surface	Interflow	Groundwater

ANALYSIS RESULTS

Stream Protection Duration

Predeveloped Landuse Totals for POC #1
Total Pervious Area:2.213
Total Impervious Area:0.835

Mitigated Landuse Totals for POC #1
Total Pervious Area:2.213
Total Impervious Area:0.835

Flow Frequency Return Periods for Predeveloped. POC #1

<u>Return Period</u>	<u>Flow(cfs)</u>
2 year	0.296387
5 year	0.401421
10 year	0.47829
25 year	0.58408
50 year	0.669402
100 year	0.760496

Flow Frequency Return Periods for Mitigated. POC #1

<u>Return Period</u>	<u>Flow(cfs)</u>
2 year	0.296387
5 year	0.401421
10 year	0.47829
25 year	0.58408
50 year	0.669402
100 year	0.760496

Stream Protection Duration**Annual Peaks for Predeveloped and Mitigated. POC #1**

Year	Predeveloped	Mitigated
1902	0.346	0.346
1903	0.384	0.384
1904	0.434	0.434
1905	0.196	0.196
1906	0.219	0.219
1907	0.291	0.291
1908	0.239	0.239
1909	0.296	0.296
1910	0.282	0.282
1911	0.317	0.317
1912	0.922	0.922
1913	0.229	0.229
1914	0.961	0.961
1915	0.197	0.197
1916	0.368	0.368
1917	0.139	0.139
1918	0.296	0.296
1919	0.180	0.180
1920	0.240	0.240
1921	0.206	0.206
1922	0.329	0.329
1923	0.229	0.229
1924	0.426	0.426
1925	0.179	0.179
1926	0.347	0.347
1927	0.283	0.283
1928	0.210	0.210
1929	0.419	0.419
1930	0.438	0.438
1931	0.213	0.213
1932	0.228	0.228
1933	0.226	0.226
1934	0.394	0.394
1935	0.196	0.196
1936	0.272	0.272
1937	0.405	0.405
1938	0.198	0.198
1939	0.250	0.250
1940	0.439	0.439
1941	0.434	0.434
1942	0.327	0.327
1943	0.323	0.323
1944	0.465	0.465
1945	0.352	0.352
1946	0.273	0.273
1947	0.215	0.215
1948	0.293	0.293
1949	0.453	0.453
1950	0.256	0.256
1951	0.388	0.388
1952	0.464	0.464
1953	0.412	0.412

1954	0.238	0.238
1955	0.222	0.222
1956	0.219	0.219
1957	0.238	0.238
1958	0.360	0.360
1959	0.359	0.359
1960	0.233	0.233
1961	0.665	0.665
1962	0.286	0.286
1963	0.213	0.213
1964	0.617	0.617
1965	0.306	0.306
1966	0.231	0.231
1967	0.324	0.324
1968	0.273	0.273
1969	0.246	0.246
1970	0.280	0.280
1971	0.274	0.274
1972	0.897	0.897
1973	0.521	0.521
1974	0.377	0.377
1975	0.395	0.395
1976	0.415	0.415
1977	0.179	0.179
1978	0.367	0.367
1979	0.316	0.316
1980	0.311	0.311
1981	0.293	0.293
1982	0.239	0.239
1983	0.324	0.324
1984	0.322	0.322
1985	0.366	0.366
1986	0.186	0.186
1987	0.327	0.327
1988	0.195	0.195
1989	0.178	0.178
1990	0.235	0.235
1991	0.352	0.352
1992	0.334	0.334
1993	0.382	0.382
1994	0.262	0.262
1995	0.203	0.203
1996	0.289	0.289
1997	0.244	0.244
1998	0.290	0.290
1999	0.317	0.317
2000	0.277	0.277
2001	0.222	0.222
2002	0.406	0.406
2003	0.235	0.235
2004	0.353	0.353
2005	0.677	0.677
2006	0.317	0.317
2007	0.354	0.354
2008	0.292	0.292
2009	0.224	0.224
2010	0.288	0.288

2011	0.302	0.302
2012	0.279	0.279
2013	0.263	0.263
2014	0.255	0.255
2015	0.428	0.428
2016	0.268	0.268
2017	0.429	0.429
2018	0.343	0.343
2019	0.382	0.382
2020	0.313	0.313
2021	0.263	0.263
2022	0.447	0.447
2023	0.552	0.552
2024	0.612	0.612
2025	0.288	0.288
2026	0.316	0.316
2027	0.352	0.352
2028	0.138	0.138
2029	0.230	0.230
2030	0.454	0.454
2031	0.144	0.144
2032	0.241	0.241
2033	0.304	0.304
2034	0.238	0.238
2035	0.293	0.293
2036	0.238	0.238
2037	0.319	0.319
2038	0.303	0.303
2039	0.608	0.608
2040	0.238	0.238
2041	0.302	0.302
2042	0.348	0.348
2043	0.385	0.385
2044	0.282	0.282
2045	0.215	0.215
2046	0.238	0.238
2047	0.294	0.294
2048	0.242	0.242
2049	0.359	0.359
2050	0.267	0.267
2051	0.377	0.377
2052	0.289	0.289
2053	0.244	0.244
2054	0.485	0.485
2055	0.297	0.297
2056	0.383	0.383
2057	0.189	0.189
2058	0.361	0.361
2059	0.450	0.450

Stream Protection Duration

Ranked Annual Peaks for Predeveloped and Mitigated. POC #1

Rank	Predeveloped	Mitigated
1	0.9606	0.9606
2	0.9218	0.9218
3	0.8973	0.8973

4	0.6765	0.6765
5	0.6651	0.6651
6	0.6170	0.6170
7	0.6120	0.6120
8	0.6079	0.6079
9	0.5520	0.5520
10	0.5206	0.5206
11	0.4854	0.4854
12	0.4649	0.4649
13	0.4645	0.4645
14	0.4536	0.4536
15	0.4530	0.4530
16	0.4499	0.4499
17	0.4469	0.4469
18	0.4394	0.4394
19	0.4381	0.4381
20	0.4343	0.4343
21	0.4341	0.4341
22	0.4293	0.4293
23	0.4283	0.4283
24	0.4261	0.4261
25	0.4186	0.4186
26	0.4148	0.4148
27	0.4122	0.4122
28	0.4057	0.4057
29	0.4051	0.4051
30	0.3949	0.3949
31	0.3939	0.3939
32	0.3878	0.3878
33	0.3854	0.3854
34	0.3836	0.3836
35	0.3832	0.3832
36	0.3824	0.3824
37	0.3821	0.3821
38	0.3768	0.3768
39	0.3765	0.3765
40	0.3684	0.3684
41	0.3674	0.3674
42	0.3661	0.3661
43	0.3608	0.3608
44	0.3601	0.3601
45	0.3592	0.3592
46	0.3587	0.3587
47	0.3542	0.3542
48	0.3532	0.3532
49	0.3523	0.3523
50	0.3520	0.3520
51	0.3516	0.3516
52	0.3484	0.3484
53	0.3471	0.3471
54	0.3460	0.3460
55	0.3429	0.3429
56	0.3344	0.3344
57	0.3290	0.3290
58	0.3266	0.3266
59	0.3265	0.3265
60	0.3238	0.3238

61	0.3237	0.3237
62	0.3233	0.3233
63	0.3218	0.3218
64	0.3192	0.3192
65	0.3168	0.3168
66	0.3167	0.3167
67	0.3166	0.3166
68	0.3159	0.3159
69	0.3157	0.3157
70	0.3127	0.3127
71	0.3113	0.3113
72	0.3064	0.3064
73	0.3041	0.3041
74	0.3026	0.3026
75	0.3019	0.3019
76	0.3019	0.3019
77	0.2970	0.2970
78	0.2964	0.2964
79	0.2964	0.2964
80	0.2942	0.2942
81	0.2933	0.2933
82	0.2930	0.2930
83	0.2927	0.2927
84	0.2919	0.2919
85	0.2912	0.2912
86	0.2901	0.2901
87	0.2888	0.2888
88	0.2887	0.2887
89	0.2884	0.2884
90	0.2876	0.2876
91	0.2859	0.2859
92	0.2828	0.2828
93	0.2823	0.2823
94	0.2819	0.2819
95	0.2805	0.2805
96	0.2792	0.2792
97	0.2771	0.2771
98	0.2737	0.2737
99	0.2734	0.2734
100	0.2729	0.2729
101	0.2724	0.2724
102	0.2677	0.2677
103	0.2672	0.2672
104	0.2634	0.2634
105	0.2628	0.2628
106	0.2621	0.2621
107	0.2563	0.2563
108	0.2547	0.2547
109	0.2504	0.2504
110	0.2461	0.2461
111	0.2444	0.2444
112	0.2441	0.2441
113	0.2424	0.2424
114	0.2413	0.2413
115	0.2402	0.2402
116	0.2394	0.2394
117	0.2387	0.2387

118	0.2382	0.2382
119	0.2382	0.2382
120	0.2379	0.2379
121	0.2379	0.2379
122	0.2376	0.2376
123	0.2376	0.2376
124	0.2354	0.2354
125	0.2353	0.2353
126	0.2330	0.2330
127	0.2311	0.2311
128	0.2300	0.2300
129	0.2293	0.2293
130	0.2293	0.2293
131	0.2280	0.2280
132	0.2260	0.2260
133	0.2236	0.2236
134	0.2225	0.2225
135	0.2222	0.2222
136	0.2193	0.2193
137	0.2185	0.2185
138	0.2145	0.2145
139	0.2145	0.2145
140	0.2129	0.2129
141	0.2125	0.2125
142	0.2097	0.2097
143	0.2062	0.2062
144	0.2031	0.2031
145	0.1980	0.1980
146	0.1969	0.1969
147	0.1961	0.1961
148	0.1956	0.1956
149	0.1947	0.1947
150	0.1889	0.1889
151	0.1859	0.1859
152	0.1805	0.1805
153	0.1794	0.1794
154	0.1787	0.1787
155	0.1782	0.1782
156	0.1438	0.1438
157	0.1394	0.1394
158	0.1384	0.1384

Stream Protection Duration

POC #1

The Facility PASSED

The Facility PASSED.

Flow(cfs)	Predev	Mit	Percentage	Pass/Fail
0.1482	4669	4669	100	Pass
0.1535	4140	4140	100	Pass
0.1587	3653	3653	100	Pass
0.1640	3240	3240	100	Pass
0.1693	2833	2833	100	Pass
0.1745	2554	2554	100	Pass
0.1798	2297	2297	100	Pass

0.1850	2036	2036	100	Pass
0.1903	1844	1844	100	Pass
0.1956	1657	1657	100	Pass
0.2008	1493	1493	100	Pass
0.2061	1329	1329	100	Pass
0.2114	1207	1207	100	Pass
0.2166	1102	1102	100	Pass
0.2219	998	998	100	Pass
0.2272	893	893	100	Pass
0.2324	822	822	100	Pass
0.2377	757	757	100	Pass
0.2430	679	679	100	Pass
0.2482	623	623	100	Pass
0.2535	573	573	100	Pass
0.2588	527	527	100	Pass
0.2640	483	483	100	Pass
0.2693	446	446	100	Pass
0.2745	410	410	100	Pass
0.2798	372	372	100	Pass
0.2851	343	343	100	Pass
0.2903	314	314	100	Pass
0.2956	295	295	100	Pass
0.3009	264	264	100	Pass
0.3061	240	240	100	Pass
0.3114	223	223	100	Pass
0.3167	206	206	100	Pass
0.3219	191	191	100	Pass
0.3272	170	170	100	Pass
0.3325	160	160	100	Pass
0.3377	149	149	100	Pass
0.3430	142	142	100	Pass
0.3483	130	130	100	Pass
0.3535	123	123	100	Pass
0.3588	109	109	100	Pass
0.3640	101	101	100	Pass
0.3693	92	92	100	Pass
0.3746	84	84	100	Pass
0.3798	81	81	100	Pass
0.3851	69	69	100	Pass
0.3904	67	67	100	Pass
0.3956	63	63	100	Pass
0.4009	61	61	100	Pass
0.4062	58	58	100	Pass
0.4114	56	56	100	Pass
0.4167	53	53	100	Pass
0.4220	50	50	100	Pass
0.4272	49	49	100	Pass
0.4325	46	46	100	Pass
0.4378	43	43	100	Pass
0.4430	40	40	100	Pass
0.4483	39	39	100	Pass
0.4535	37	37	100	Pass
0.4588	34	34	100	Pass
0.4641	33	33	100	Pass
0.4693	31	31	100	Pass
0.4746	31	31	100	Pass
0.4799	31	31	100	Pass

0.4851	29	29	100	Pass
0.4904	28	28	100	Pass
0.4957	28	28	100	Pass
0.5009	28	28	100	Pass
0.5062	27	27	100	Pass
0.5115	27	27	100	Pass
0.5167	26	26	100	Pass
0.5220	24	24	100	Pass
0.5273	24	24	100	Pass
0.5325	23	23	100	Pass
0.5378	22	22	100	Pass
0.5430	22	22	100	Pass
0.5483	22	22	100	Pass
0.5536	21	21	100	Pass
0.5588	20	20	100	Pass
0.5641	19	19	100	Pass
0.5694	19	19	100	Pass
0.5746	19	19	100	Pass
0.5799	19	19	100	Pass
0.5852	18	18	100	Pass
0.5904	18	18	100	Pass
0.5957	18	18	100	Pass
0.6010	18	18	100	Pass
0.6062	17	17	100	Pass
0.6115	16	16	100	Pass
0.6168	15	15	100	Pass
0.6220	14	14	100	Pass
0.6273	14	14	100	Pass
0.6325	14	14	100	Pass
0.6378	14	14	100	Pass
0.6431	13	13	100	Pass
0.6483	12	12	100	Pass
0.6536	12	12	100	Pass
0.6589	11	11	100	Pass
0.6641	11	11	100	Pass
0.6694	10	10	100	Pass

Water Quality BMP Flow and Volume for POC #1

On-line facility volume: 0 acre-feet

On-line facility target flow: 0 cfs.

Adjusted for 15 min: 0 cfs.

Off-line facility target flow: 0 cfs.

Adjusted for 15 min: 0 cfs.

LID Report

LID Technique	Used for	Total Volume	Volume	Infiltration	Cumulative
Percent	Water Quality	Percent	Comment	Through	Volume
Volume	Treatment?	Needs		Volume	Volume
Infiltrated	Water Quality	Treatment	Facility	(ac-ft.)	Infiltration
	Treated	(ac-ft)	(ac-ft)		Credit
Total Volume Infiltrated		0.00	0.00	0.00	0.00
0.00	0%	No Treat.	Credit		
Compliance with LID Standard 8					

Duration Analysis Result = Passed

CHANGES TO PERLND AND IMPLND PARAMETER VALUES.

A Total of 0 changes have been made.

PERLND NAME	Parameter Name	Original Value	New Value
No PERLND changes have been made.	IMPLND NAME	Parameter Name	Original Value
Value	New Value	IMPLND changes have been made.	

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APPENDIX C

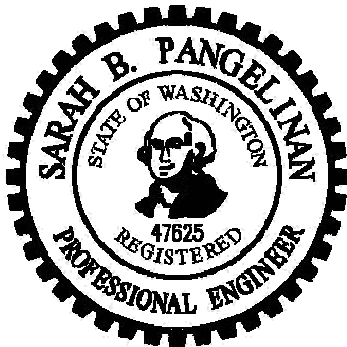
Construction Stormwater Pollution Prevention Plan (SWPPP)



Edgemont Junior High School Track Replacement

2300 110th Avenue E
Edgewood, WA 98372

CONSTRUCTION STORM WATER POLLUTION PREVENTION PLAN
December 22, 2025



I hereby state that this Construction Stormwater Pollution Prevention Plan for the Edgemont Junior High School Project has been prepared by me or under my supervision and meets the standard of care and expertise which is usual and customary in this community for professional engineers. I understand that the city of Edgewood does not and will not assume liability for the sufficiency, suitability, or performance of Construction SWPPP BMPs prepared by me.

Prepared for:

LPD Engineering, PLLC
1932 First Ave, Suite 500
Seattle, WA 98101
Contact: Sarah Pangelinan, P.E.
(206) 725-1211
Sarahp@lpdengineering.com

Puyallup School District
302 2nd Street SE
Puyallup, WA 98372
(253) 841-1301

EDGEMONT JUNIOR HIGH TRACK REPLACEMENT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE DECEMBER 22, 2025

The following Construction Storm Water Pollution Prevention Plan (SWPPP) narrative is for the track replacement at Edgemont Junior High at 2300 110th Avenue E, in Edgewood, Washington. The narrative supplements the Temporary Erosion and Sediment Control (TESC) plan. This narrative and the drawings address the requirements of Volume II of the 2021 Pierce County Stormwater and Site Design Manual. Refer to the TESC plans (Sheet F-0.2 through F-0.3) and TESC details (Sheet F-0.4) for more information regarding any erosion or sedimentation control measures involved in this project.

Construction Stormwater Pollution Prevention Elements

Erosion Control Element # 1 – Preserve Vegetation/Mark Clearing Limits

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Preserving Natural Vegetation – BMP C101
High Visibility Fence – BMP C103
Silt Fence – BMP C233

The limits of clearing and grading will be delineated on the plans and on site, no vegetation outside of the clearing limits will be removed. Silt fence will be installed per the TESC drawings.

Requirements

The contractor shall meet the following requirements during all phases of the project:

1. Prior to beginning land disturbing activities, including clearing and grading, the Contractor shall clearly mark all clearing limits, sensitive areas and their buffers, and trees that are to be preserved within the construction area. (These areas shall be clearly marked in the field and on the TESC plans to prevent damage and offsite impacts.)
2. Project documents will specify methods of clearing limit marking.
3. The duff layer, native top soil, and natural vegetation shall be retained in an undisturbed state to the maximum extent practicable. If it is not practicable to retain the duff layer in place, it will be stockpiled on-site, covered to prevent erosion, and replaced immediately upon completion of the ground disturbing activities.

Erosion Control Element # 2 - Establish Construction Access

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Stabilized Construction Entrance/Exist – BMP C105
Wheel Wash – BMP C106

A construction access to the field will be provided from 24th St E.

Requirements

The contractor shall meet the following requirements during all phases of the project:

1. Construction vehicle access and exit shall be limited to one route, if possible. If the construction access is crossing a sidewalk or back of walk drain, the full length of the sidewalk and back of walk drain must be covered and protected from sediment leaving the construction site. See project documents.
2. Access point(s) shall be stabilized with a pad of quarry spalls or crushed rock prior to traffic leaving the construction site to minimize the tracking of soil onto public roads.
3. Wheel wash or tire baths should be located on site, if applicable.
4. If soil is tracked off site, the Contractor shall clean paved roads if necessary to prevent sediment from entering surface waters. Sediment shall be removed from roads by shoveling or pickup sweeping and shall be transported to a controlled sediment disposal area. Street washing is not allowed.

Erosion Control Element # 3 - Control Flow Rates

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Temporary Sediment Pond – BMP C241

Runoff will be maintained towards catch basins and intercepted before leaving the site. The traps will be located throughout the project site. The contractor is responsible for ensuring discharge water meets the Pierce County standards. Refer to the Appendix B of the project's Stormwater Site Plan for sizing calculations.

Requirements

The contractor shall meet the following requirement during all phases of the project:

1. Any stormwater retention/detention facilities that are part of providing temporary erosion control for the project shall be constructed as one of the first steps in grading.

Erosion Control Element # 4 - Install Sediment Controls

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Storm drain inlet protection, BMP C220

Silt Fence, BMP C233

Temporary Sediment Pond – BMP C241

The following BMPs are proposed for sediment control: silt fencing, storm drain inlet protection, and temporary sediment settling tank. Sediment control during construction will be achieved by keeping exposed soils covered. In the event that unexpected conditions arise during construction, the contractor is expected to contract with a third-party erosion control monitor to help manage the site and prevent any discharges of turbid water to the downstream system. The contractor's

Certified Erosion and Sediment Control Lead (CESCL) will be responsible for the required sampling of stormwater discharges from the site as required by the DOE stormwater permit.

Turbidity and pH monitoring of stormwater during construction by the third-party erosion control monitor will be required per a project Turbidity Monitoring Plan. Monitoring test results will be provided to the contractor, and are to be kept on site for reference and review if requested by County representatives or other agencies. Monthly summary reports will be required to be prepared and signed by the NPDES permit holder, and submitted to DOE. The CESCL is also required to perform weekly inspection (at a minimum) of TESC BMPs throughout the site during all phases of the project. Silt fence will be installed per the TESC drawings.

Requirements

The contractor shall meet the following requirements if applicable:

1. Prior to leaving the construction site, stormwater runoff from disturbed areas shall pass through a sediment pond or other appropriate sediment removal BMP. Runoff from fully stabilized areas may be discharged without a sediment removal BMP, but must meet the flow control performance standard of protecting properties and waterways downstream from development sites from erosion due to increases in the volume, velocity, and peak flow rate of stormwater runoff from the project site, as required by the Pierce County.

(Full stabilization means concrete or asphalt paving; quarry spalls used as ditch lining; or the use of rolled erosion products, a bonded fiber matrix product, or established vegetative cover in a manner that will fully prevent soil erosion.)
2. Sediment trap, vegetated buffer strips, sediment barriers or filters, dikes, and other BMPs intended to trap sediment on site shall be constructed as one of the first steps in grading. These BMPs shall be functional before other land disturbing activities take place.
3. Earthen structures such as dams, dikes and diversion, that are part of the erosion control plan, shall be seeded and mulched according to the timing indicated in Element #5.
4. BMPs intended to trap sediment on site must be located in a manner to avoid interference with the movement of juvenile salmonids attempting to enter off-channel areas or drainages, often during non-storm events, in response to rain event changes in stream elevation or wetted area.

Erosion Control Element # 5 - Stabilize Soils

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Preserve natural vegetation – BMP C101
Temporary & Permanent Seeding – BMP C120
Mulching – BMP C121
Plastic Covering – BMP C123

The following BMPs will be used to stabilize exposed soils; preserve natural vegetation (per BMP C101), plastic covering , or mulching (per BMP C121).

Requirements

The contractor shall meet the following requirements:

1. From October 1 through April 30, no soils shall remain exposed and unworked for more than 2 days. From May 1 to September 30, no soils shall remain exposed and unworked for more than 7 days. This condition applies to all soils on site, whether at final grade or not. These time limits may be adjusted by the County if it can be shown that the average time between storm events justifies a different standard. (Requests to modify these timeframes must be made in writing and approved by the Pierce County before any deviation in these erosion control measures is permitted.)
2. Soil shall be stabilized at the end of the shift before a holiday or weekend if needed based on the weather forecast.
3. Soil stockpiles must be stabilized from erosion, protected with sediment trapping measures when possible, be located away from storm drain inlets, waterways and drainage channels.
4. Linear construction activities, including trenching for utilities, shall be conducted to meet the soil stabilization requirements. Contractors shall install the bedding materials, roadbeds, structures, pipeline, or utilities and re-stabilize the disturbed soils so that:

From October 1 through April 30, no soils shall remain exposed and unworked for more than 2 days and from May 1 to September 30, no soils shall remain exposed and unworked for more than 7 days.

Erosion Control Element # 6 – Protect Slopes

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Temporary & Permanent Seeding – BMP C120
Plastic Covering – BMP C123
Silt Fence – BMP C233

BMPs for slope protection will be utilized during construction.

Requirements

The contractor shall meet the following requirements where applicable or as directed by project documents:

1. Off-site stormwater (run-on) will be diverted away from slopes and disturbed areas with interceptor dikes and/or swales. Off-site stormwater will be managed separately from stormwater generated on the site.
2. Runoff at the top of slopes will be collected in temporary pipe slope drains or protected channels to prevent erosion. Sizing of the temporary pipe slope drains shall handle the peak flow from a 10-year, 24-hour event assuming a Type 1A rainfall distribution.

3. Provide drainage to remove ground water intersecting the slope surface of exposed soil areas. Excavated material will be placed on the uphill side of trenches, consistent with safety and space considerations.
4. Check dams will be placed at regular intervals within channels that are cut down a slope. Soils shall be stabilized as specified in Element # 5.
5. Minimize cut slope length and steepness. Slope surfaces shall be roughened.

Erosion Control Element # 7 – Protect Storm Drain Inlets

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Storm drain inlet protection – BMP C220

Catch basin inserts will be installed on all catch basins located within or adjacent to the project area. Drainage structures in areas where no work occurs will remain and will be protected; discharge points to the public storm drain main line will also remain. Proposed inlets will also be protected with catch basin inserts, and where feasible, their outlets will be temporarily plugged until the site is stabilized.

Requirements

The contractor shall meet the following requirements during all phases of the project:

1. All storm drain inlets made operable during construction shall be protected so that stormwater runoff does not enter the conveyance system without first being treated to remove sediment.
2. All approach roads shall be kept clean. Sediment shall not be allowed to enter storm drains without prior and adequate treatment unless on-site treatment is provided before the storm drain discharges to surface waters.
3. Inlets should be inspected weekly at a minimum and daily during storm events. Inlet protection devices should be cleaned or removed and replaced when sediment has filled one-third of the available storage (unless a different standard is specified by the product manufacturer.)

Erosion Control Element # 8 – Stabilize Channel and Outlets

The following Best Management Practices will be implemented during all phases of the project by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Check Dams – BMP C207

There are no existing or proposed channels to be stabilized. Should this become necessary, other BMPs such as Channel Lining (BMP C202), Nets and Blankets (BMP C122), and Check Dams (BMPC C207) may be used.

Requirements

The contractor shall meet the following requirements during all phases of the project:

1. All temporary on-site conveyance channels shall be designed, constructed and stabilized to prevent erosion from the expected peak 10-minute velocity of flow from a Type 1A, 10-year, 24-hour frequency storm for the developed condition.
2. Stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes and downstream reaches shall be provided at the outlets of all conveyance systems.

Erosion Control Element # 9 – Control Pollutants

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Sawcutting and Surfacing Pollution Prevention – BMP C152
Material Delivery, Storage, and Containment – BMP C153

All construction debris will be removed from the site. Contractor will be responsible for managing their construction equipment per DOE-approved BMPs. Stabilized construction entrances are assumed to be sufficient for the construction period; if something more substantial is required, contractor is to coordinate with the Owner's Representative and the City of Edgewood inspector.

Requirements

The contractor shall meet the following requirements:

1. All pollutants, including waste materials and demolition debris, that occur onsite shall be handled and disposed of in a manner that does not cause contamination of stormwater. Woody debris may be chopped and spread on site if shown or allowed by the contract documents.
2. Cover, containment, and protection from vandalism shall be provided for all chemicals, liquid products, petroleum products, and non-inert wastes present on the site (see Chapter 173-304 WAC for the definition of inert waste). If on-site fueling tanks are allowed by the Contract documents, on-site fueling tanks shall include secondary containment.
3. All maintenance and repair of heavy equipment and vehicles involving oil changes, hydraulic system drain down, solvent and de-greasing cleaning operations, fuel tank drain down and removal, and other activities which may result in discharge or spillage of pollutants to the ground or into stormwater runoff must be conducted off site unless specifically allowed by the contract documents. If allowed the Contractor shall use spill prevention measures, such as drip pans. Contaminated surfaces shall be cleaned immediately following any discharge or spill incident.
4. Emergency repairs may be performed on-site using temporary plastic placed beneath and, if raining, over the vehicle. Wheel wash or tire bath wastewater shall be discharged to a separate on-site treatment system or to the sanitary sewer, when permitted.
5. If allowed by the contract documents, application of agricultural chemicals, including fertilizers and pesticides, shall be conducted in a manner and at application rates that will not

result in loss of chemical to stormwater runoff. Manufacturers' recommendations for application rates and procedures shall be followed.

6. BMPs shall be used to prevent or treat contamination of stormwater runoff by pH modifying sources. These sources include, but are not limited to, bulk cement, cement kiln dust, fly ash, new concrete washing and curing waters, waste streams generated from concrete grinding and sawing, exposed aggregate processes, and concrete pumping and mixer washout waters. Stormwater discharges shall not cause or contribute to a violation of the water quality standard for pH in the receiving water.
7. Construction sites with significant concrete work shall adjust the pH of stormwater if necessary to prevent violations of water quality standards.

Erosion Control Element # 10 – Control De-Watering

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and State of Washington erosion control requirements as described below:

Temporary Sediment Pond, BMP C241

In the event that perched groundwater is encountered during construction, the Contractor shall pump the water to the sediment settling facility.

Requirements

The contractor shall meet the following requirements:

1. Foundation, vault, and trench de-watering water, which have similar characteristics to stormwater runoff at the site, shall be discharged into a controlled conveyance system prior to discharge to a sediment trap or sediment pond. Channels must be stabilized, as specified in Element #8.
2. Clean, non-turbid de-watering water, such as well-point ground water, can be discharged to systems tributary to waters, as specified in Element #8, provided the de-watering flow does not cause erosion or flooding. These clean waters should not be routed through stormwater sediment ponds.
3. Highly turbid or contaminated dewatering water from construction operation shall be treated separately from stormwater as necessary.

Erosion Control Element # 11 – Maintain BMPs

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County and Pierce County erosion control requirements as described below:

Certified Erosion and Sediment Control Lead – BMP C160
Maintain and repair in accordance with BMP specifications

The contractor shall maintain erosion control measures in accordance with Pierce County, DOE Standards and manufacturer's recommendations. The standard Pierce County SWPPP notes are on the project drawings.

Requirements

The contractor shall meet the following requirements:

1. All temporary and permanent erosion and sediment control BMPs shall be maintained and repaired as needed to assure continued performance of their intended function. Maintenance and repair shall be conducted in accordance with the BMP specifications.
2. All temporary erosion and sediment control BMPs shall be removed within 30 days after final site stabilization is achieved or after the temporary BMPs are no longer needed.
3. Trapped sediment shall be removed or stabilized on site. Disturbed soil resulting from removal of BMPs or vegetation shall be permanently stabilized.

Erosion Control Element # 12 – Manage the Project

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County erosion control requirements as described below:

Manage the project in accordance with BMP requirements and specifications

The contractor shall maintain erosion control measures in accordance with Pierce County, DOE Standards and manufacturer's recommendations. Phased construction does not apply to this project. The Contractor shall inspect, monitor and maintain erosion control measures in accordance with Pierce County and DOE Standards and manufacturer's recommendations. A contact list has been provided and will be posted at the job site. Contractor shall be responsible for completing inspections and forms in accordance with Pierce County Standards.

Requirements

The contractor shall meet the following requirements:

1. Development projects shall be phased where feasible in order to prevent soil erosion and, to the maximum extent practicable, the transport of soil from the site during construction.
2. Revegetation of exposed areas and maintenance of that vegetation shall be an integral part of the clearing activities for any phase.
3. Clearing and grading activities for developments shall be permitted only if conducted pursuant to an approved site development plan (e.g., subdivision approval) that establishes permitted areas of clearing, grading, cutting, and filling.
4. Seasonal Work Limitations: From October 1 through April 30, clearing, grading, and other soil disturbing activities shall only be permitted if shown to the satisfaction of the local permitting authority that silt-laden runoff will be prevented from leaving the site through a combination of the following:
5. Coordination with Utilities and Other Contractors: The primary project proponent shall evaluate, with input from utilities and other Contractors, the stormwater management requirements for the entire project, including the utilities, when preparing the CSWPPP.
6. Inspection and Monitoring: All BMPs shall be inspected, maintained, and repaired as needed to assure continued performance of their intended function. Site inspections shall be conducted by a person who is knowledgeable in the principles and practices of erosion

- and sediment control. The person must have the skills to 1) assess the site conditions and construction activities that could impact the quality of stormwater, and 2) assess the effectiveness of erosion and sediment control measures used to control the quality of stormwater discharges.
7. An Erosion and Sediment Control Lead shall be identified in the Construction SWPPP and shall be on site or on-call at all times. Whenever inspection and/or monitoring reveals that the BMPs identified in the Construction SWPPP are inadequate, due to the actual discharge of or potential to discharge a significant amount of any pollutant, appropriate BMPs or design changes shall be implemented as soon as possible. The Contractor shall maintain and modify the Construction SWPPP in accordance with No. 8 below.
 8. The Construction SWPPP shall be retained on-site with the construction drawings. The Contractor shall modify the CSWPPP whenever there is a change in the design, construction, operation, or maintenance at the construction site that has, or could have, a significant effect on the discharge of pollutants to surface waters. The Contractor shall modify the CSWPPP if, during inspections or investigations conducted by the owner/operator or the City or state regulatory authority, it is determined that the SWPPP is ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the site. The SWPPP shall be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP shall be completed within seven (7) days following the inspection. Temporary sump and pump facilities to provide the second level of interception of pollutants. The pump systems will then route stormwater via force mains into the temporary sediment storage pond. The sediment storage pond(s) shall have a surface bottom area of at least 1,913 square feet. Construction debris will be removed from the site. The Contractor will be responsible for managing their construction equipment per DOE-approved BMPs. If a truck wheel wash is required, truck wheel wash water and concrete truck washout water shall be collected and discharged to the public sanitary sewer (SS) system. To apply for and obtain a SS release, contact the local sewer purveyors) for authorization.

Erosion Control Element # 13 – Protect Low Impact Development BMPs

The following Best Management Practices will be implemented by the Contractor on the project site to meet the Pierce County erosion control requirements as described below:

Silt Fence – BMP C233

The project proposes no LID BMPs.

Requirements

The contractor shall meet the following requirements:

1. Control erosion and avoid introducing sediment from surrounding land uses onto permeable pavements. Do not allow muddy construction equipment on the base material or pavement. Do not allow sediment-laden runoff onto permeable pavements, including permeable pavement subgrade, reservoir course, or wearing course.

2. Pavements fouled with sediments or no longer passing an initial infiltration test must be cleaned using procedures shown in Volume III of the 2021 Pierce County Stormwater and Site Development Manual or the manufacturer's procedures.
3. Keep all heavy equipment off existing soils under LID facilities that have been excavated to final grade to retain the infiltration rate of the soils.

2. PROJECT DESCRIPTION

The proposed project improvement will consist of restoring the track with rubberized surfacing. Additionally, a high jump pad/area and long jump pad/area will be replaced.

The project proposes 36,297 square feet (SF) [0.83 acres] of new plus replaced hard surface.

Estimated earthwork quantities for the project are to be determined. Soil exported from the site will be disposed of at a legal off-site disposal facility and soil imported to the site will be from an approved off-site source. These quantities are estimates only and intended for municipal permitting. These quantities shall not be used by the Contractor as a basis for any contractual information. The Contractor shall prepare their own earthwork quantities based upon the information provided in the contract documents.

3. EXISTING SITE CONDITIONS

The project site is located at 2300 110th Ave E, in Edgewood, Washington. The school and fields are located on two parcels (0420102018 and 0420102037). The track being replaced is located directly south of the school building on a separate, 4.96 acre site of parcel 0420103132. The parcels are owned by the Puyallup School District.

The topography of the existing field that the track lays upon generally slopes from east to west from an elevation of 406 feet to approximately 391 feet. There are steeper slopes located on the eastern edges of the field.

4. ADJACENT AREAS

The existing track is located South of Edgemont Junior High School, separated by 24th St E. The site is bounded by 25th St E to the north, and single-family residents from the west, east, and south.

5. CRITICAL AREAS

Based on Pierce County and the city of Edgewood environmental mapping, no critical areas have been identified on the campus property.

6. SOILS

The Web Soil Survey by USDA Natural Resources Conservation Service indicates that the soils within the project consist of Alderwood Gravelly Sandy Loam soils, 0 to 8 percent slopes. Refer to **Figure 3 – Soils Map**.

7. POTENTIAL EROSION PROBLEM AREAS

Per the proposed contract documents, the contractor is to provide protection for soils to limit the exposure to erosion. The limitation of disturbance, adequate cover practices, seasonal work limitation, and runoff control are the most effective methods for reduction of turbidity in stormwater runoff. Any runoff that occurs will be mitigated using silt fences and storm drain inlet protection. Areas that have not been permanently stabilized will be addressed using DOE-approved BMPs, per the construction documents.

8. CONSTRUCTION PHASING

This project is not expected to be formally phased. The contractor is responsible for coordinating work of all subcontractors to keep the duration of site disturbance limited to the maximum extent possible.

9. CONSTRUCTION SCHEDULE

Construction is expected to begin in the Spring of 2026 and be completed by Autumn of 2026.

Should any wet weather conditions occur during construction, the contractor shall implement the de-watering procedures outlined in this SWPPP and applicable BMPs including, but not limited to C123, Plastic Covering; C121, Mulching; C122, Polyacrylamide for Soil Erosion Protection; C130, Surface Roughening; C130.

10. FINANCIAL/OWNERSHIP RESPONSIBILITIES

This property is owned and operated by the Puyallup School District. The accepted low bidder on the project will be responsible for posting a performance and payment bond with the Puyallup School District, and thus will be the responsible party for any liability associated with erosion and sedimentation impact.

11. ENGINEERING CALCULATIONS

A copy of any calculations performed during design of the project and relevant storm drainage modeling discussions is included in the project's Drainage Report.