

PROJECT ADDRESS:
18825 SE RENTON
MAPLE VALLEY ROAD

GENERAL SPECIFICATIONS

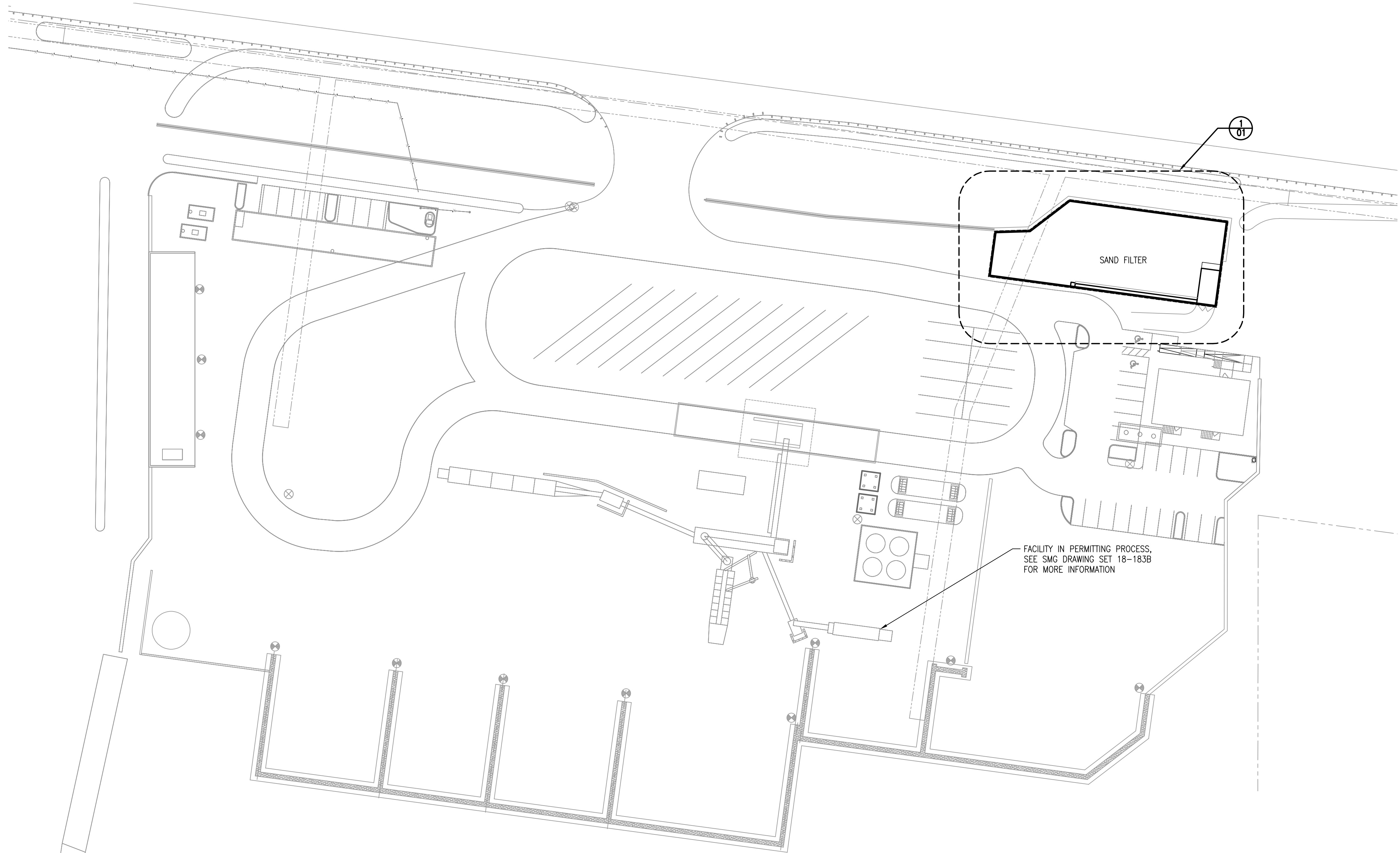
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE 2015 EDITION WITH WASHINGTON STATE AMENDMENTS.
- THE OFFICE BUILDING CONFORMS TO THE WASHINGTON STATE ENERGY CODE WITH PRESCRIPTIVE REQUIREMENTS
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL FIRE CODE 2015 EDITION.

DESIGN DATA

- LIVE LOAD
LIVE LOAD SURCHARGE (V_L) = 2 FT
- WIND
BASIC WIND SPEED (V_{ULT}) = 110 MPH, EXPOSURE C (RISK II)
= 115 MPH, EXPOSURE C (RISK IV)
INTERNAL PRESSURE COEFFICIENT (GCF) = 0.55
C & C MAX DESIGN WIND PRESSURE (q) = 26 PSF (EXPOSURE C, RISK IV)
- SEISMIC
SITE SPECIFIC SEISMIC DESIGN CRITERIA
 S_s = 1.325g
 S_1 = 0.495g
 S_{DS} = 0.883g
 S_{D1} = 0.496g
SDC = D
SITE CLASS D
SEISMIC IMPORTANCE FACTOR (I_e) = 1.0 (RISK II)
- RESPONSE MODIFICATION FACTORS (R)
MASS CANTILEVER REINFORCED CONCRETE = 3.0
- GEOTECHNICAL PARAMETERS: (REFERENCE: GEOTECH CONSULTANTS, INC. REPORT DATED 5/16/2018)
ALLOWABLE SOIL BEARING PRESSURE = 3,000 PSF
COEFFICIENT OF FRICTION = 0.50
PASSIVE EARTH PRESSURE = 350 PCF

STRUCTURAL CONCRETE:

- ALL CONCRETE AND REINFORCING STEEL SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE STANDARD ACI-318-14.
- READY-MIXED CONCRETE SHALL BE MIXED AND DELIVERED TO THE JOB SITE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN "SPECIFICATIONS FOR READY-MIXED CONCRETE" (ASTM C94).
- ALL CONCRETE SHALL BE CONSOLIDATED BY SUITABLE MEANS DURING PLACEMENT AND SHALL BE THOROUGHLY WORKED AROUND REINFORCEMENT, EMBEDDED FIXTURES AND INTO CORNERS OF FORMS.
- CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
- REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 UNCOATED DEFORMED BAR.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185/185M-07.
- MAXIMUM SLUMP SHALL BE 4 INCHES.
- PLACEMENT OF STEEL SHALL BE AS SHOWN ON THE DETAILS AND WITHIN A TOLERANCE OF $\pm 3/8"$ FOR DEPTH OR SPACING AND $\pm 3/8"$ FOR COVER.
- ALL EXPOSED CONCRETE CORNERS SHALL HAVE A $3/4"$ CHAMFER UNLESS NOTED OTHERWISE.
- ALL FORMS SHALL BE CLEAN, WITH NOT WATER OR LOOSE MATERIAL PRESENT.
- CONCRETE COVER FOR REINFORCING STEEL AND OTHER EMBEDDED STEEL SHALL BE AS SHOWN ON DRAWING. IF NOT SHOWN, USE CONCRETE COVER AS SPECIFIED IN ACI 318, AS NOTED BELOW:
CONCRETE CAST AGAINST EARTH 3 INCHES
CONCRETE EXPOSED TO EARTH OR WEATHER #5 BAR AND SMALLER 1 1/2 INCHES
- ALL FOOTINGS SHALL BE PLACED ON UNDISTURBED SOIL AT LEAST 18 INCHES BELOW ORIGINAL GROUND SURFACE OR ON 6 INCHES OF COMPACTED GRANULAR FILL.
- REINFORCEMENT SPLICE LENGTHS SHALL BE AS NOTED ON DRAWINGS. IF NOT SHOWN, SPLICE LENGTHS FOR UNCOATED REBAR SHALL BE AS NOTED BELOW:
BAR 30"
#4 38"
#5
- CONCRETE SHALL NOT BE CAST WHEN THE AMBIENT OUTSIDE TEMPERATURE IS 40 DEGREES FAHRENHEIT OR LESS. CONCRETE SHALL BE PROTECTED FROM FREEZING FOR 24 HOURS AFTER CASTING. COLD WEATHER PLACEMENT OR CONCRETE SHALL BE PERMITTED IF A PROCEDURE, COMPLYING WITH ACE 306.1-90, IS SUBMITTED TO AND APPROVED BY THE ENGINEER.



SITE PLAN
1" = 60'-0"
ADDRESS: 18825 SE RENTON MAPLE VALLEY ROAD

LAKESIDE INDUSTRIES, INC

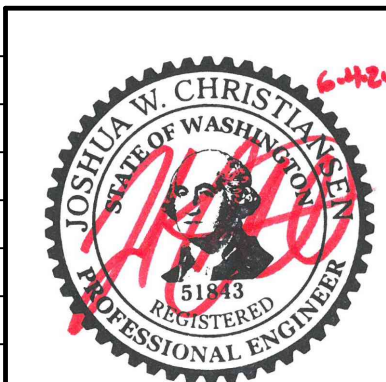
MAPLE VALLEY ASPHALT PLANT – RENTON, WASHINGTON



6600-230TH AVE SE
ISSAQUAH, WA 98027
(425) 313-2660

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SYN.	REVISIONS	BY	DATE	CHK'D
0	ISSUED FOR PERMIT	JL	06/04/20	



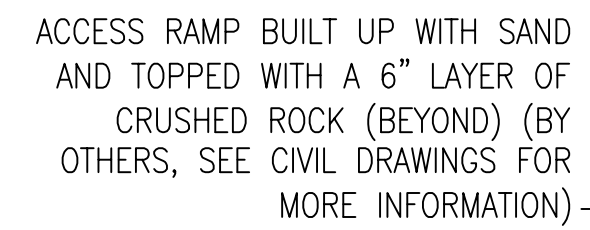
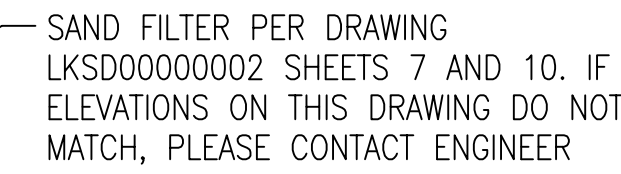
SMG
Smith Monroe Gray
ENGINEERS, INC.

8625 SW Cascade Ave.
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DRAWN BY	DATE	CHKD BY	DATE
J. LUM	04/09/20	JWC	06/04/20

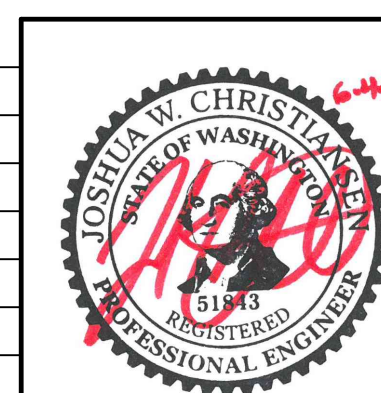
LAKESIDE INDUSTRIES MAPLE VALLEY
ASPHALT FACILITY
KING COUNTY
SITE PLAN & NOTES

SCALE	DWG. NO.	REV.
AS NOTED	18-183H-00	0



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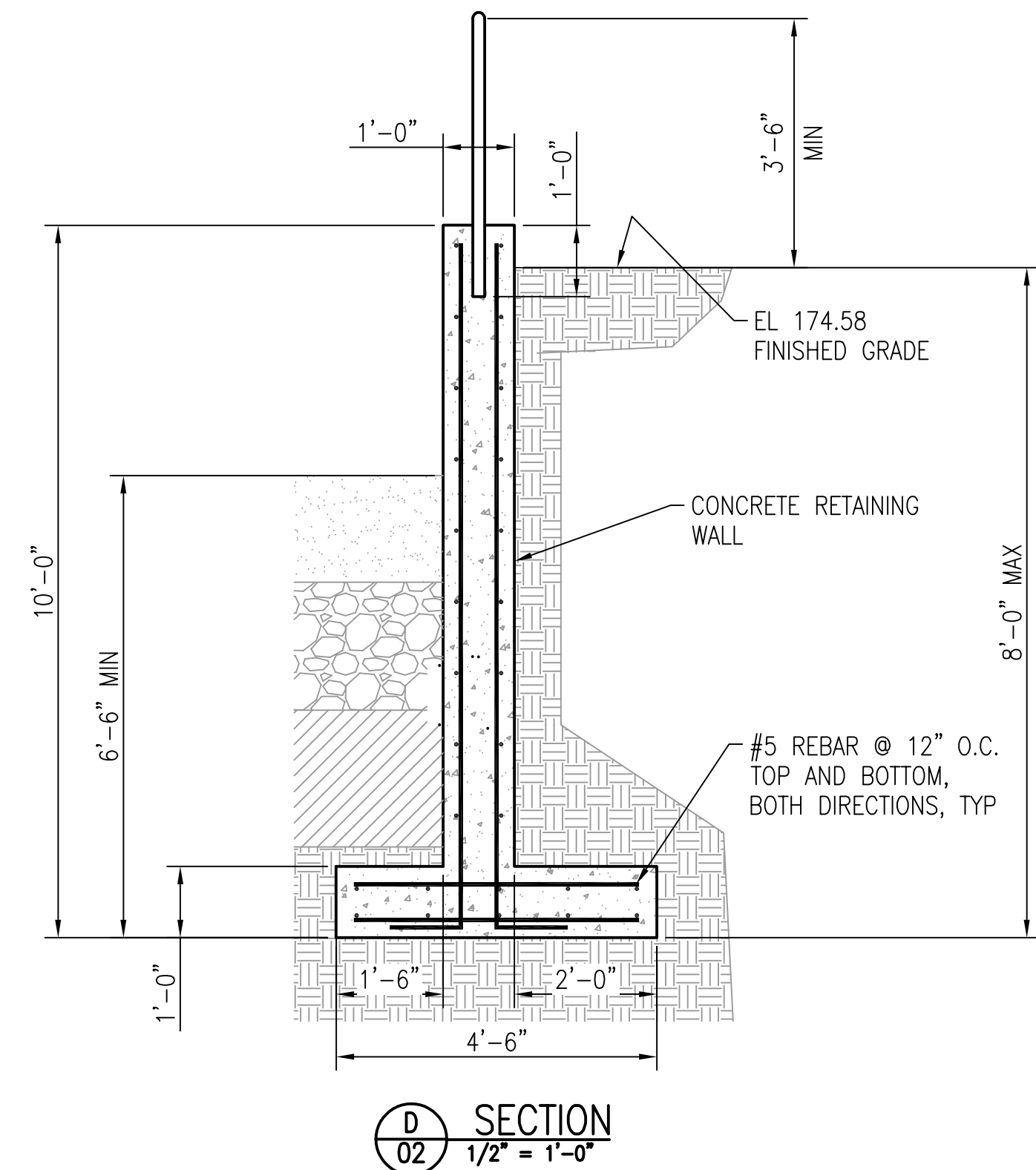
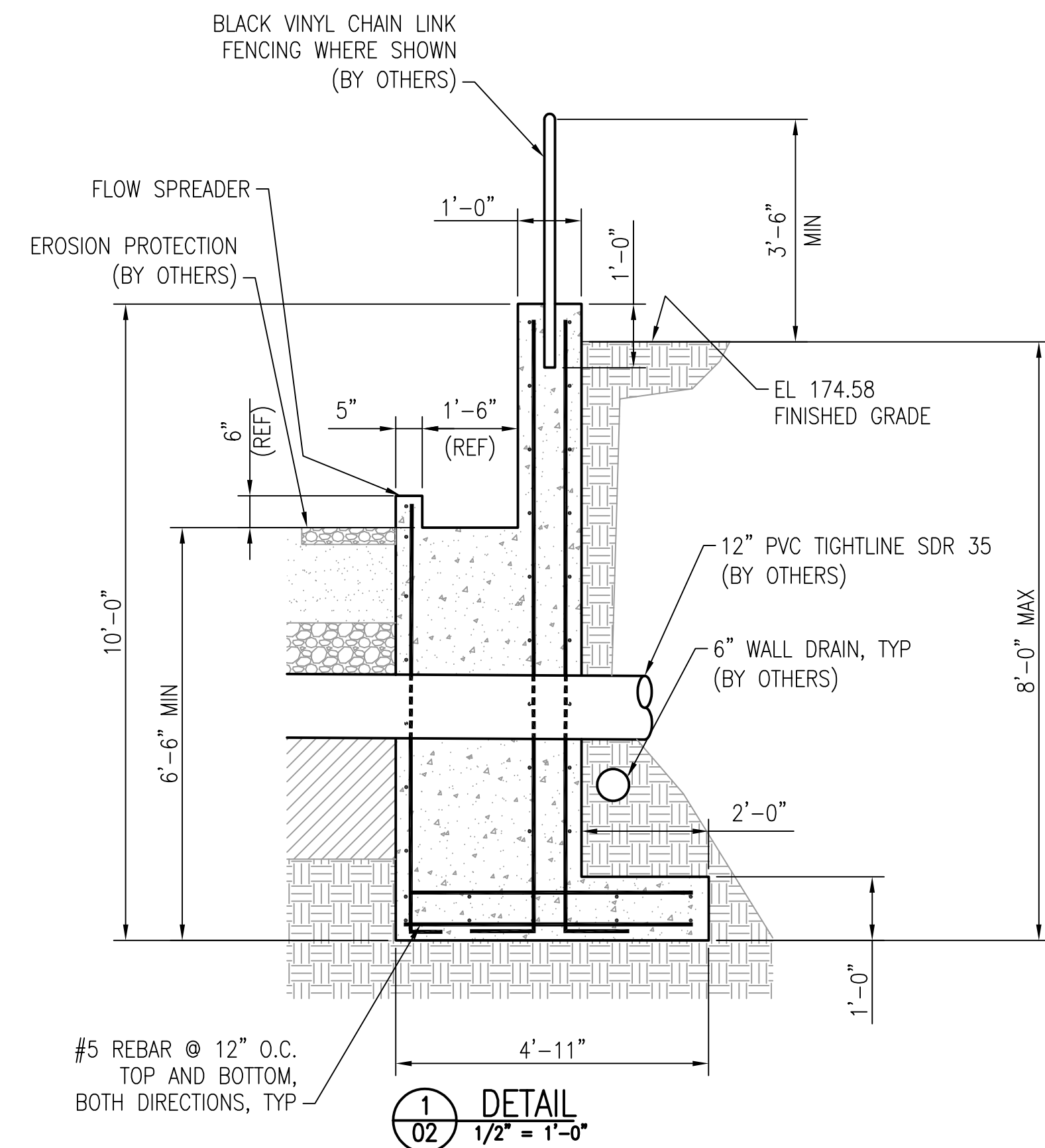
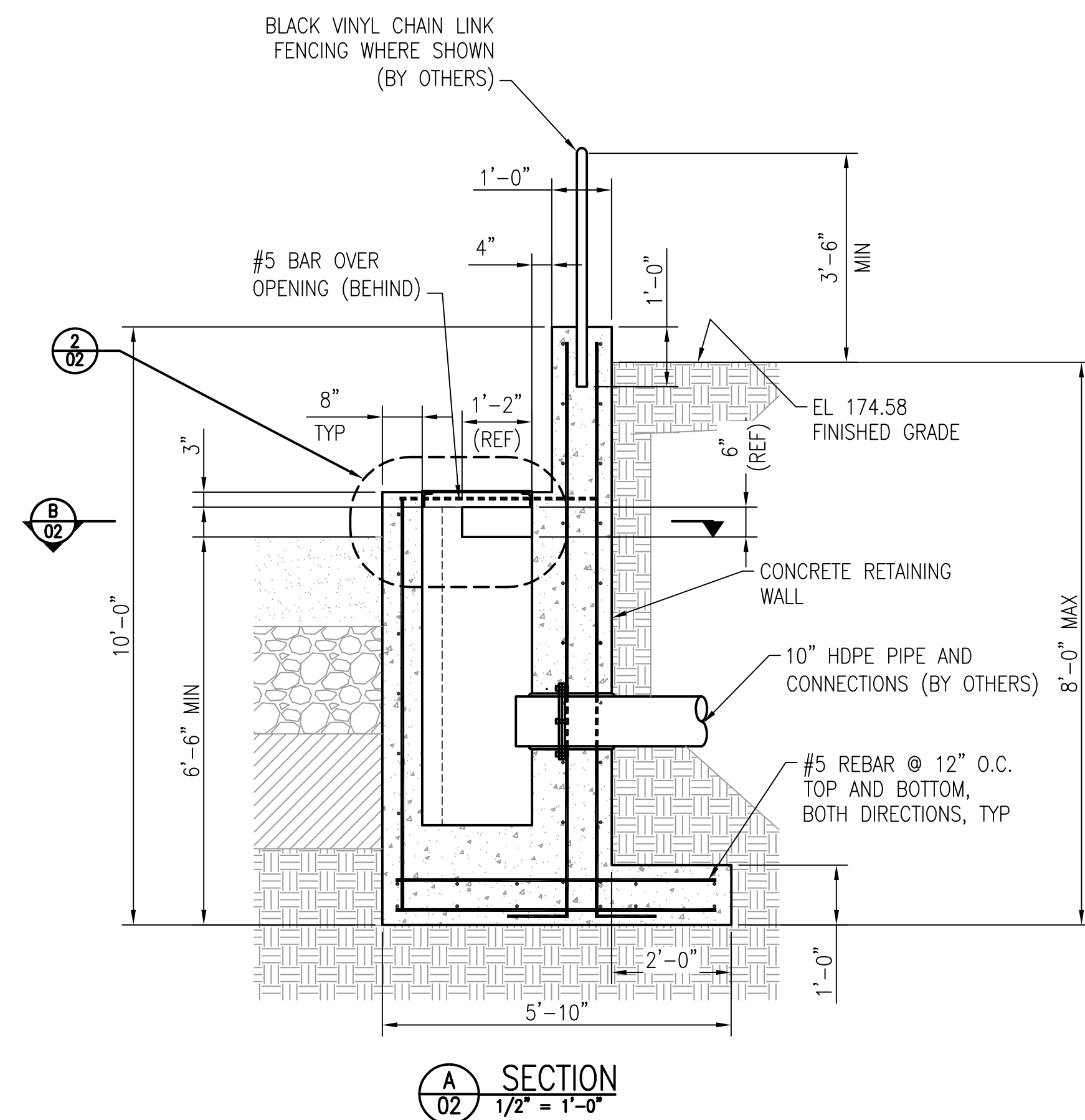
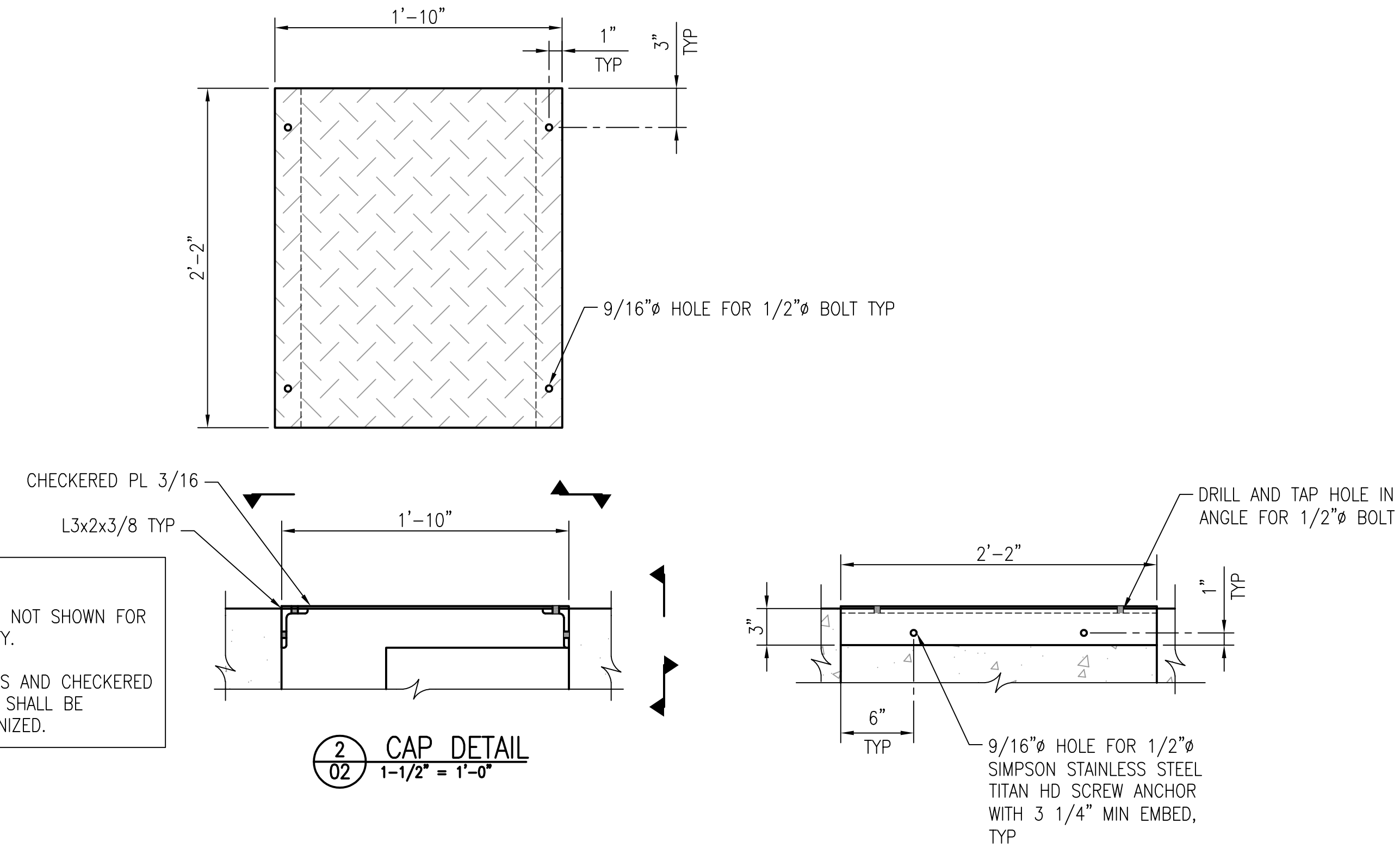
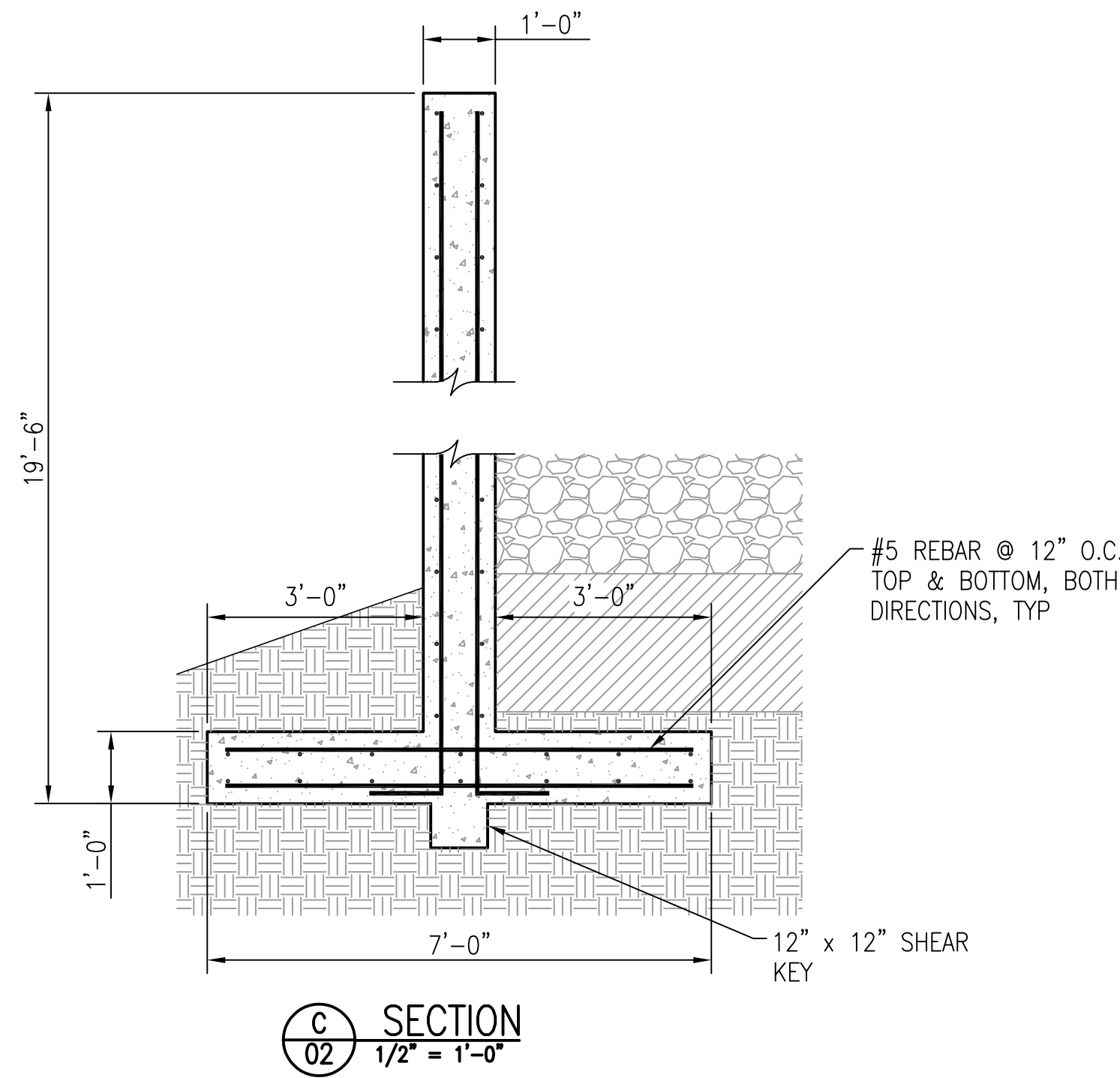
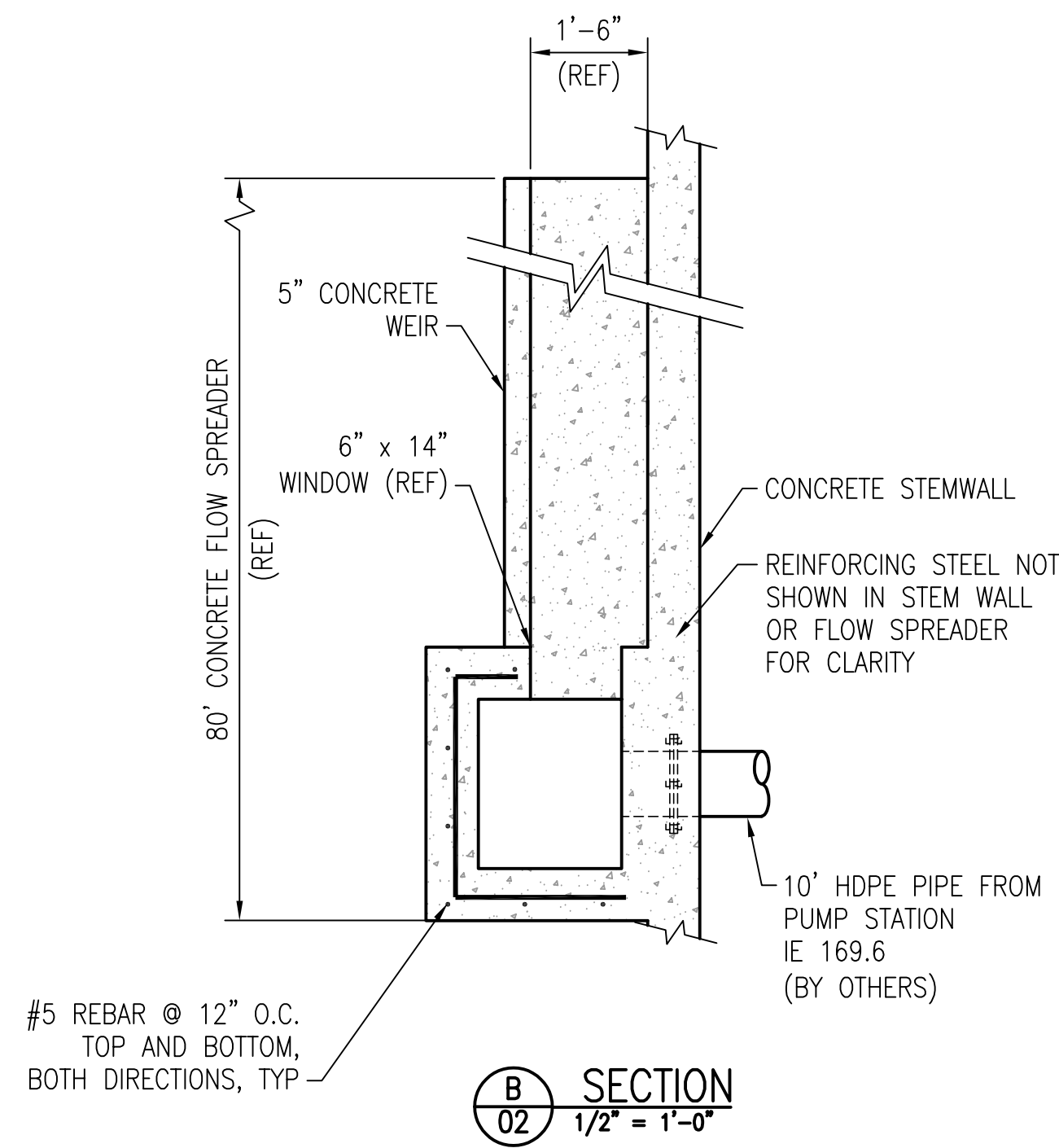
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LAKESIDE INDUSTRIES MAPLE VALLEY
ASPHALT FACILITY
KING COUNTY

PLAN, SECTION & DETAIL VIEW

DRAWN BY J. LUM	DATE 04/09/20	CHKD BY JWC	DATE 06/04/20	SCALE AS NOTED	DWG. NO. 18-183H-01	REV. 0
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