



**FAY, SPOFFORD &
THORNDIKE**
778 Main Street, Suite 8
South Portland, ME 04106
Toll Free: 800.835.8666
Main: 207.775.1121
Fax: 207.879.0896
www.fstinc.com

August 9, 2013

Ms. Shukria Wiar
City of Portland Planning
389 Congress Street
Portland, ME 04104-3553

**Subject: Proposed Truck Loading Area – 56 Milliken Street
Application ID: 2013-181
Comments from City of Portland Staff**

Dear Shukria:

FST has received your memos and reviewed the comments (*italicized*) on the above referenced project. Your comments (*italicized*) and our responses (**bold**) are as follows:

Comments from Shukria Wiar:

Comment 1:

Will there be any new lighting being proposed? If so, please provide lighting catalogue cuts and show location on site plans. We will also need photometric plans.

Sheet C-4.0 is the photometrics plan for the project. This plan only represents the lighting coverage attributable to the new fixtures. A Kim Lighting “wall director” fixture is proposed at the loading dock location. A catalog cut is provided with this letter. We note these are several existing wall mount fixtures along the existing building sidewall. These fixtures provide primarily security level lighting coverage for the relatively isolated site area.

Comment 2:

Is there any options to decrease the impervious area as related to this project?

Figure AT-1 included with the submission materials shows the AutoTURN movement for the WB-67. The figure shows support for the extent of pavement provided. Ideally, we would have liked to actually provide a greater area for truck maneuvering given the WB-67 design vehicle. However, the applicant has chosen to go with as minimal area as we felt comfortable with particularly given the moderate level of use anticipated for the new docks.

Comment 3

The applicant is not proposing sidewalk or curbing as part of this project. Please address how this project is meeting the sidewalk waiver criteria?

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The project is seeking to meet the sidewalk waiver criteria (Section 14-506(b)) as follows:

Criteria 1 – There is no reasonable expectation for pedestrian usage coming from, going to and traversing the site. The site is an industrial site. The only internal site sidewalks are for ADA access to the building front entrance. No sidewalks exist on Milliken Street or Riverside Industrial Parkway.

Criteria 2 – There is no sidewalk in existing or expected within 1,000 feet and construction of sidewalks does not contribute to the development of a pedestrian or oriented infrastructure. No sidewalk exists or is expected within 1,000 feet of the site. No significant pedestrian activity has been observed on Milliken Street and Riverside Industrial Parkway. No sidewalk exists on Milliken Street or Riverside Industrial Parkway.

Comments from Dave Margolis-Pineo:

Comment 4:

The survey plan needs to be stamped.

A stamped copy of the survey plan will be provided under separate cover.

Comment 5:

Proposed catch basins require three foot sumps.

The catch basin detail has been added to Sheet C-6.2 and it calls for a 3' sump.

Comments from Tom Errico/Traffic:

Comment 6:

The applicant should provide auto-turn template graphics that support the proposed pavement area. It is suggested that pavement area be reduced if it can work from a truck circulation perspective.

See Figure AT-1 included with the original submission materials. This figure shows that the WB-67 design vehicle must maneuver into a 180 degree change of direction before reversing into the loading bays. This is not the most desirable but does eliminate additional pavement that would have otherwise extend out 50 feet or more in front of the loading bays.

Comment 7:

The project is proposing a 22-foot wide circulation aisle which is narrower than the typical 24 foot requirement. Given the location of this drive, I find it to be acceptable.

No response necessary. We appreciate this consideration as this does aid a small amount in offsetting the new impervious surface area.

Comment 8:

I will coordinate the evaluation of sidewalk needs along property frontage with DPS staff and will provide a response in the future.

We will respond to any further comments related to this item upon receipt.

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August 9, 2013
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Comments from Marge Schumckal/Zoning:

Comment 9:

The I-M zone has a minimum 10' pavement setback requirement. I measure approximately 53' to the RR tracks in the rear.

No response necessary. The maximum impervious ratio on Sheet C-2.0 has been revised from 100 percent to 75%.

Comments from Dave Senus:

Comment 10:

Per Chapter 7.1 of Volume III of the MaineDEP Stormwater BMP Manual:

2a) Pretreatment devices such as grassed swales, grass or meadow filter strips, and sediment traps shall be provided to minimize the discharge of sediment to the underdrained soil filter. Pretreatment structures shall be sized to hold an annual sediment loading calculated using a sand application rate of 50 cubic feet per acre per year for sanding of roadways, parking areas, and access drives within the subcatchment area. The current design does not reflect these features for the management of runoff from much of the paved area.

A 175' long, two foot wide by 6 inch deep 2.5" crushed stone diaphragm has been added along the edge of the proposed pavement for pretreatment based on 40 percent void space. This provides approximately 140 c.f. of volume which more than satisfies the requirements. The long term maintenance of this pretreatment measure will involve inspection and monitoring of the stone area for sediment build up and debris. Revised Sheet C-3.0 shows the stone diaphragm. A detail has been added to Sheet C-6.1.

Comment 11:

b) Although it appears that the Applicant has not performed a test pit to determine depth to groundwater at the location of the soil filter system, they have designed the system anticipating a high groundwater level. The proposed impermeable liner and liner underdrain system is an acceptable means of separation from high groundwater and high bedrock conditions; a test pit is therefore not required.

No response necessary. We appreciate the reviewer's consideration and willingness on this item.

Comment 12:

3) Figure WS2 - Post Development Watershed Map: The SC102 and SC101A boundaries do not appear to reflect the extent of the capture area associated with the proposed loading dock trench drain. If the capture area for the trench drain is greater than currently reflected on the figure, the Applicant shall recalculate the "impervious area treated" number for the project.

The WS-2 Map has been revised. No updates to computation were necessary. The revised figure represents the values in the model.

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Comment 13:

4) *It is unclear from the project data sheet whether the project will disturb more than one acre of area. Disturbances greater than one acre require filing a Notice of Intent to Comply with the Maine Construction General Permit with the MaineDEP.*

The project will create approximately 46,600 s.f. of disturbance. As such, we will be filing a Notice of Intent to comply with the Maine Construction General Permit with the MeDEP. A copy of the NOI Application form is enclosed. The full application has been submitted to MeDEP under separate cover.

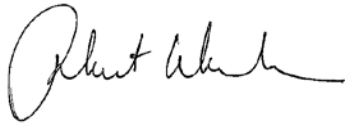
5) The Applicant should provide a proposed catch basin detail

A catch basin detail has been added to Sheet C-6.2.

If you have any questions with regards to this letter, please contact our office.

Sincerely,

FAY, SPOFFORD & THORNDIKE



Robert J. Woodman, P.E.
Engineer

RJW/cmd

Enclosure

c: Mike Lyne and Neil Geary, JHR Development of Maine LLC
Bill Hopkins – Archetype Architects

NOTICE OF INTENT TO COMPLY WITH MAINE CONSTRUCTION GENERAL PERMIT

PLEASE TYPE OR PRINT IN **BLACK INK ONLY**

Name of Applicant (Owner):	Milliken Portland Partners, LLC c/o J. Hillary Rockett, Jr.	Applicant Mailing Address:	40 South Street, Suite 305		
Town/City:	Marblehead	State:	MA	Zip Code:	01945
Daytime phone: (with area code)	781-631-515	Email if available:		Name of Agent:	Robert J. Woodman, P.E. FST, LLC
Project Location: (Town/City):	Portland	UTM Northing: (if known)	4840226	UTM Easting: (if known)	394953
Map #:	334; A014001	Lot #:		Size of disturbed area proposed:	1.07 ac.
Creating a common plan of development or sale?	Yes	No <input checked="" type="checkbox"/>	Part of a larger project?	Yes	No <input checked="" type="checkbox"/>
Name of waterbody(ies) to which the disturbed area drains, or name municipality if drains to an MS4:	Site drains to a wetland that drains to a stream that ultimately enters the Presumpscot River				
Does site drain to an Impaired Waterbody (C)? If so, give name:	No				
Detailed directions to site, including address if available:	From 295 take Forest Avenue (Rte. 302) turn right onto Riverside Industrial parkway, turn right onto Milliken Street; turn left into site at 56 Milliken Street.				
Description of project and its purpose:	Construction of a paved truck loading and maneuvering at the northeast corner of the existing building at 56 Milliken Street and construction of an underdrained soil filter for stormwater management.				

I am filing notice of my intent to carry out work which meets the requirements of the Construction General Permit (effective 3/10/03). I have a copy of the Construction General Permit. I have read and will comply with all of the standards. I have attached all the required submittals. *Notification forms cannot be accepted without the necessary attachments.*

- ALL: A check (non-refundable) made payable to: "Treasurer, State of Maine." **See DEP fee schedule for correct fee.** You must know # of acres being permitted to determine the fee.
- ALL: A U.S.G.S. topo map or Maine Atlas & Gazetteer map with the project site clearly marked.
- ALL: Drawing of the proposed activity (site plan).
- ALL: An ESC plan.
- IF this form is not being signed by the landowner or lessee of the property, attach documentation showing authorization to sign.
- IF any construction activity will occur in essential habitat, attach written approval from the Dept. of Inland Fisheries & Wildlife. N/A

I authorize staff of the Departments of Environmental Protection to access the project site for the purpose of determining compliance with the general permit. I also understand that **this permit is not valid until approved by the Department or 14 days after receipt by the Department, whichever is less.**

Signature of Applicant:	Date:	August 9, 2013
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Keep the bottom copy as a record of permit. Send the form with attachments via certified mail to the Maine Dept. of Environmental Protection at the appropriate regional office. The DEP will send a copy to the Town Office as evidence of the DEP's receipt of notification. No further authorization by DEP will be issued after receipt of notice. Check with DEP Staff to determine the expiration date on this permit. **Work carried out in violation of any standard is subject to enforcement action.**

OFFICE USE ONLY	Ck.#	Date	Staff	Staff	
NOI #	FP		Acc. Date	Def. Date	After Photos

Wall Director®

WD18 Wall Director Large

FEATURES

- Large scale uplight and downlight luminance for architectural accent lighting, up to 400 watts
- Pulse start metal halide, high pressure sodium, or induction fluorescent sources
- Dark-Sky compliant, full cut-off luminaire (down position only)
- High 95% reflector reflectivity for optimal performance
- LED models incorporating patent pending LED MicroEmitter technology. Consult factory for configurations and availability

WD18



WALL MOUNTED

ORDERING INFORMATION (Example)

WD18D2

200PMH120

WH

A-30/HS

FIXTURE

WD18" - UP

- WD18U2 UP Type II
- WD18U3 UP Type III
- WD18U4 UP Type IV
- WD18UG UP WALL GRAZER
- WD18US UP SPOT

WD18" - DOWN

- WD18D2 UP Type II
- WD18D3 UP Type III
- WD18D4 UP Type IV
- WD18DG UP WALL GRAZER
- WD18DS UP SPOT

FIXTURE FINISH

- BL Black
- DB Dark Bronze
- LG Light Gray
- SG Stealth Gray™
- PS Platinum Silver
- WH White
- CC Custom Color*

*Consult representative

FIXTURE OPTIONS

- | | | |
|--|---|--------------------------------|
| A-30 120 Volt photocell | 5DS18 5" Shield | SF 120 Volt Single Fuse |
| A-31 208 Volt photocell | LS Polycarbonate Enclosure ⁴ | DF 208 Volt Double Fuse |
| A-32 240 Volt photocell | WG18 Wire Guard ⁵ | DF 240 Volt Double Fuse |
| A-33 277 Volt photocell | QS Quartz Standby | SF 277 Volt Single Fuse |
| A-34 480 Volt photocell | SCM18 Surface Conduit Mt. UP and DOWN ⁶ | SF 347 Volt Single Fuse |
| A-35 347 Volt Photocell | | DF 480 Volt Double Fuse |
| HS Houseside shield ³ for flat lens | | |
| HSC Houseside shield ³ for Polycarbonate Enclosure | | |

ELECTRICAL MODULE

200PMH² 200W PMH	150HPS 150W HPS	85IF 85W IF ¹
250PMH² 250W PMH	250HPS 250W HPS	NEW
320PMH² 320W PMH	400HPS 400W HPS	
350PMH² 350W PMH		
400PMH² 400W PMH		

Voltages

120 120V
208 208V ⁷
240 240V ⁷
277 277V
347 347V
480 480V

Voltages

120 120V
208 208V ⁷
240 240V ⁷
277 277V
347 347V
480 480V

Voltages

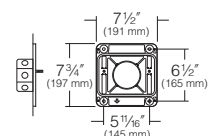
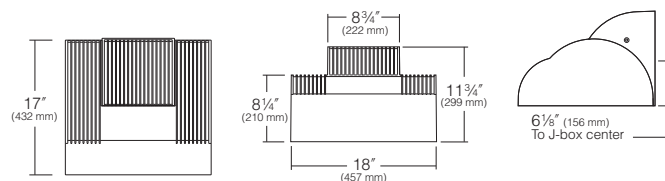
120 120V
208 208V ⁷
240 240V ⁷
277 277V

PMH² = Pulse Start Metal Halide
HPS = High Pressure Sodium
IF = Induction Fluorescent

¹ 85W IF lamps are available for WC18 only. 85W IF available in Type III distribution only.
² Manufacturers of metal halide lamps recommend turning them off for 15 minutes once per week when under continuous operation to reduce risk of arc tube rupture at end of life. See manufacturers' specs for color temperature variance.

³ Not for use with Wall Grazer.
⁴ For Down fixtures only. Use only when vandalism is anticipated to be high Useful life limited by UV discoloration from sunlight and PMH lamps.
⁵ Only available with flat lens applications
⁶ Must be securely mounted to all surface.
⁷ Constant wattage isolated ballast is required on all 208V and 240V Canadian orders

NOTE: Due to the Energy Independence and Security Act (EISA) of 2007, Kim Lighting can no longer supply probe start Metal Halide ballasts with its luminaires, effective January 1, 2009. Contact Kim Lighting for availability of replacement ballasts for warranty service claims. (Visit www.aboutlightingcontrols.org or the Library of Congress website for more details).



Mounting Plate
Must be securely attached to wall outside the J-box perimeter.



PROPOSED TRUCK LOADING AREA AT
56 MILLIKEN STREET PORTLAND MAINE

AUTOTURN

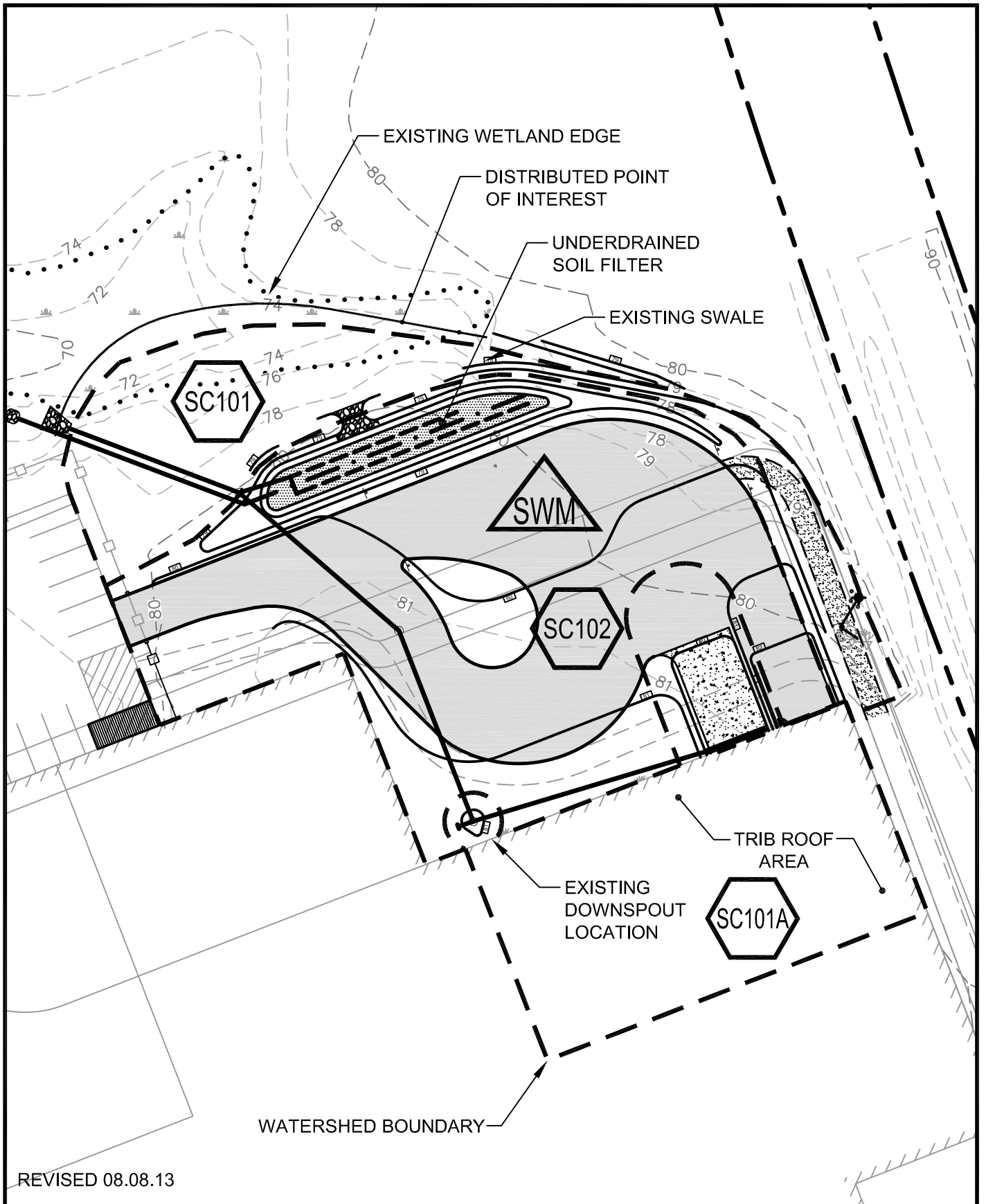


FAY, SPOFFORD & THORNDIKE, INC.
ENGINEERS · PLANNERS · SCIENTISTS
778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106

DRAWN:	CMW	DATE:	JULY 2013
DESIGNED:	RJW	SCALE:	1" = 60'
CHECKED:	RJW	JOB NO.	3215
FILE NAME:	3215-SP		

FIGURE

AT-1



REVISED 08.08.13

PROPOSED TRUCK LOADING AREA AT
56 MILLIKEN STREET PORTLAND MAINE

POSTDEVELOPMENT WATERSHED
MAP

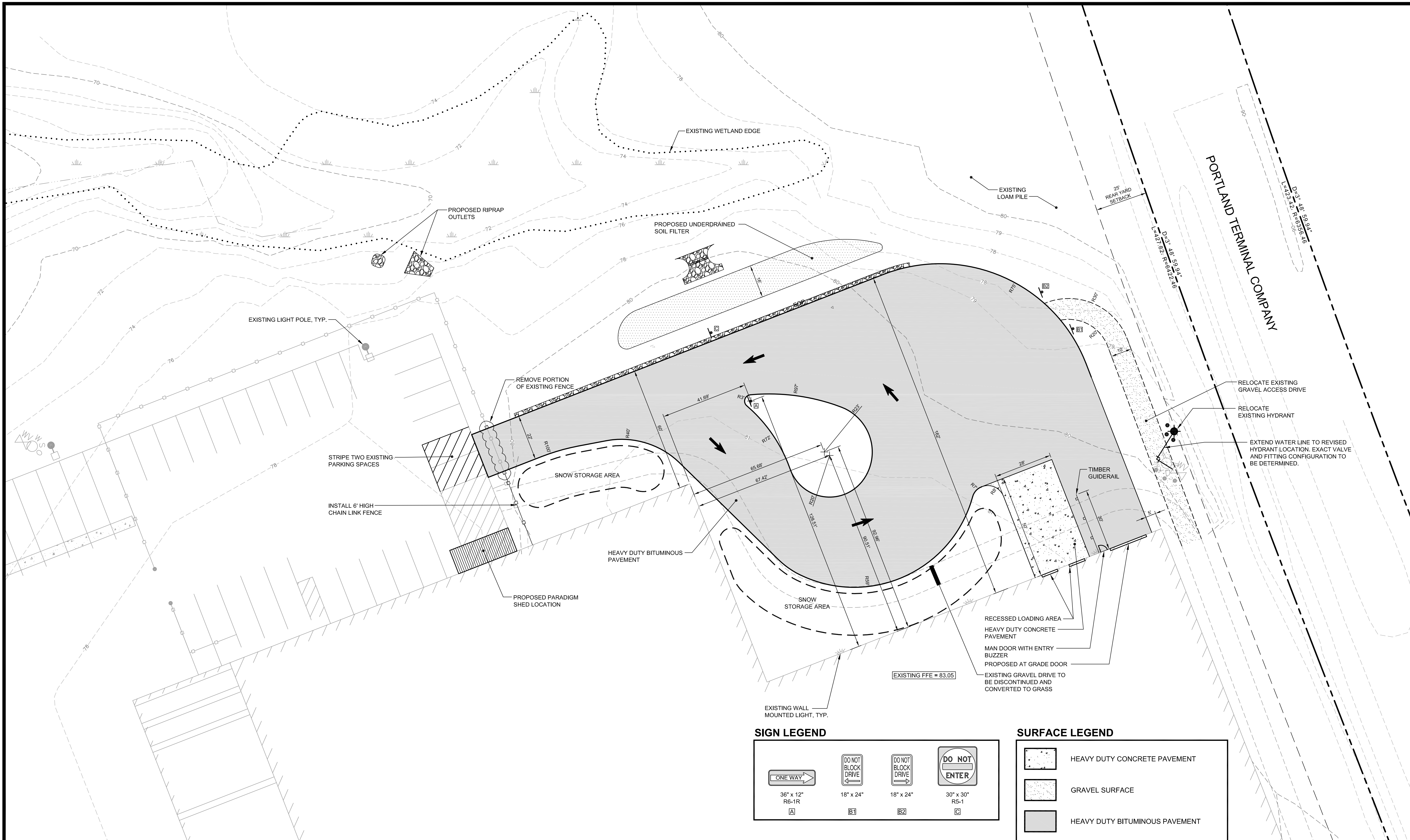


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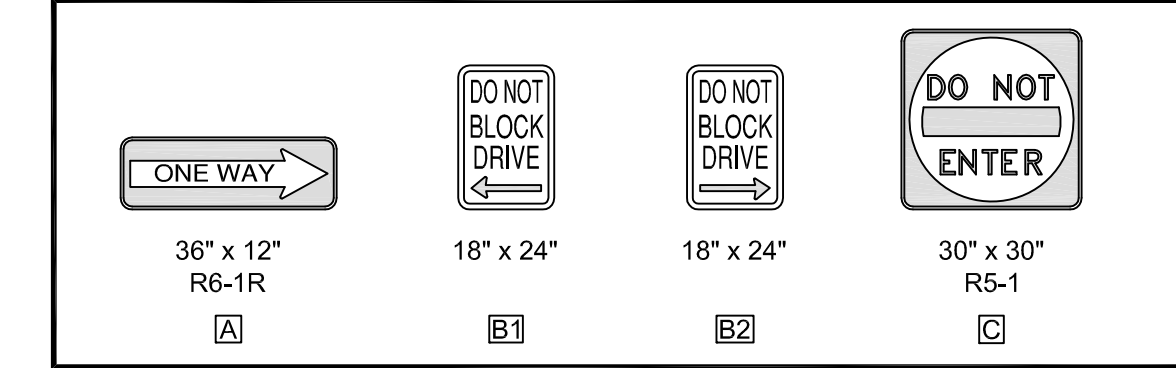
FIGURE

WS-2

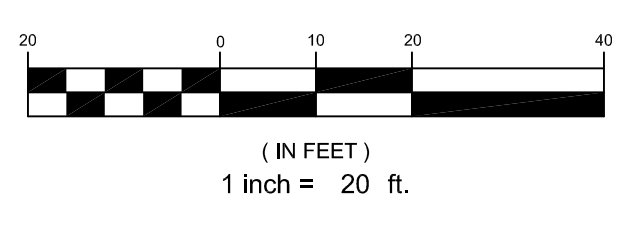
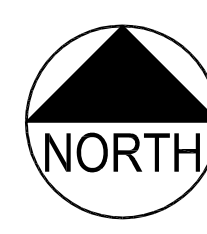
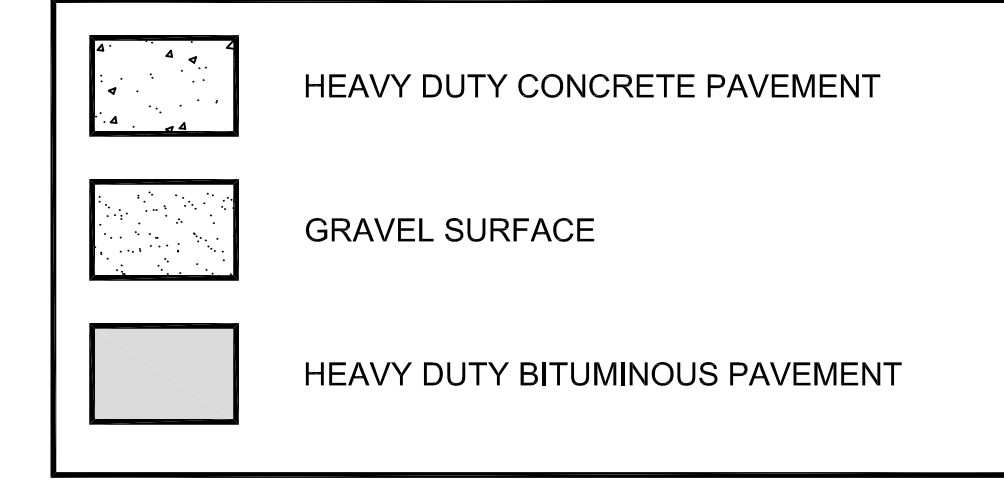


ZONING: IM ZONE		
DESCRIPTION	REQUIRED / ALLOWED	PROPOSED
MIN LOT SIZE	10,000 SF	1,359,510 SF
MIN FRONTAGE	60 FT	1,580 FT
SETBACKS		
- FRONT	25 FT	460 FT
- SIDE	25 FT	188 FT
- REAR	25 FT	48 FT
MAX IMPERVIOUS SURFACE RATIO	75%	37%
PARKING SPACE SIZE	9' X 18'	NONE PROPOSED

SIGN LEGEND



SURFACE LEGEND



PRELIMINARY - NOT FOR CONSTRUCTION

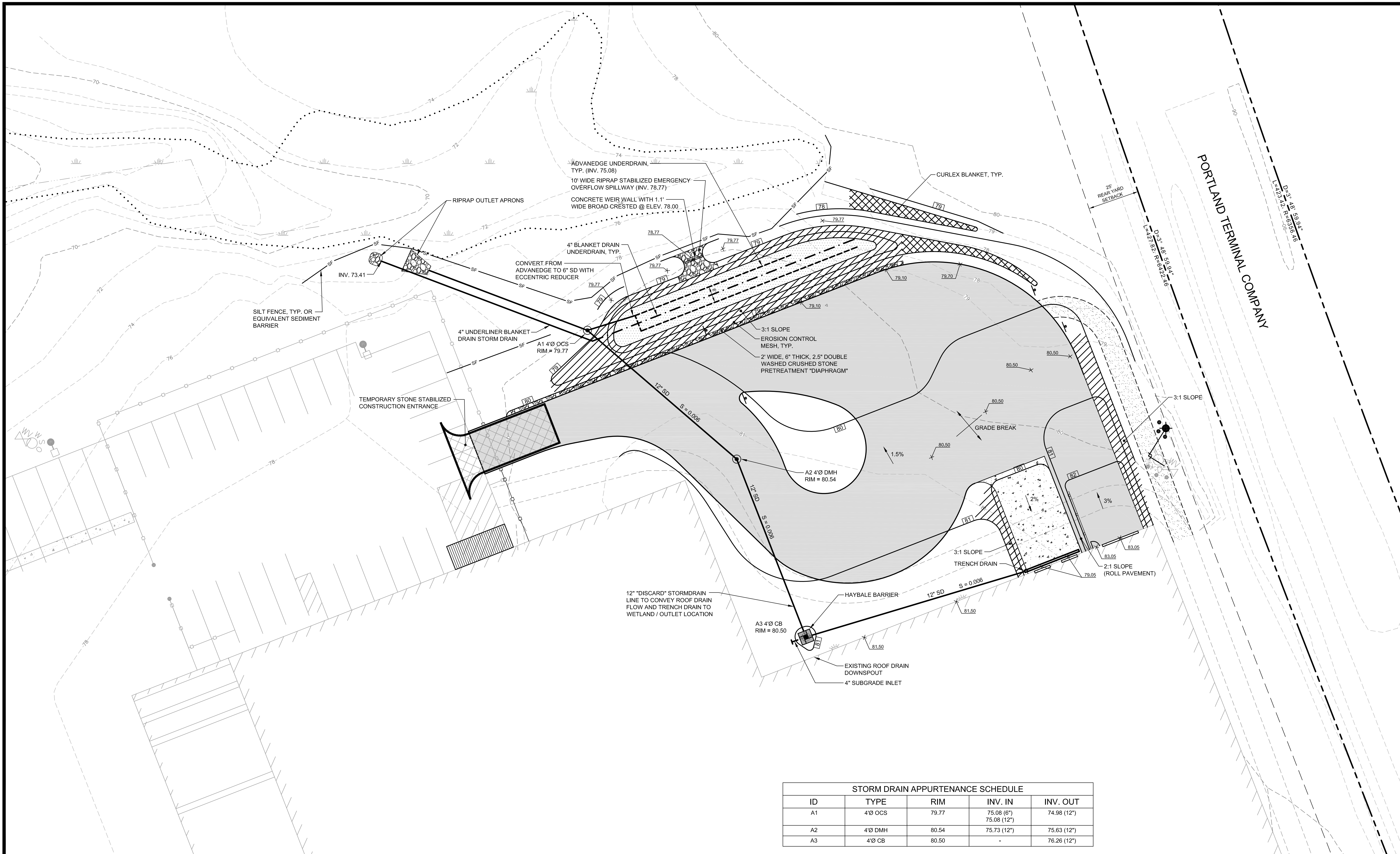
REV	DATE	DESCRIPTION	REVISIONS
2	08.09.13	REVISED PER CITY REVIEW COMMENTS	
1	07.16.13	LEVEL II SITE PLAN APPLICATION	

P.E. ROBERT J. WOODMAN
LIC. # 12442

PROJECT	PROPOSED TRUCK LOADING AREA AT 56 MILLIKEN STREET PORTLAND MAINE
SHEET TITLE	SITE LAYOUT AND UTILITY PLAN
CLIENT	JHR DEVELOPMENT OF MAINE, LLC

FAY, SPOFFORD & THORNDIKE, INC. ENGINEERS · PLANNERS · SCIENTISTS 778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106	DRAWN: CMW DESIGNED: RJW CHECKED: RJW FILE NAME: 3215-SP SHEET: C-2.0	DATE: JULY 2013 SCALE: 1" = 20' JOB NO. 3215
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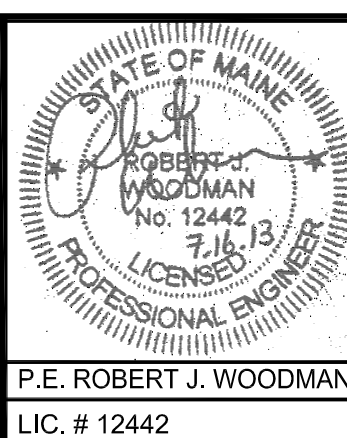
R:\3215-56 Milliken Street Loading Exp/Cadd/Permit Set/dwg/3215-SP.dwg winter_c 8/8/2013 3:08 PM



PORTLAND TERMINAL COMPANY

STORM DRAIN APPURTENANCE SCHEDULE				
ID	TYPE	RIM	INV. IN	INV. OUT
A1	4" OCS	79.77	75.08 (6") 75.08 (12")	74.98 (12")
A2	4" DMH	80.54	75.73 (12")	75.63 (12")
A3	4" CB	80.50	-	76.26 (12")

REV	DATE	DESCRIPTION
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1	07.16.13	LEVEL II SITE PLAN APPLICATION



PROJECT
**PROPOSED TRUCK LOADING AREA AT
 56 MILLIKEN STREET PORTLAND MAINE**

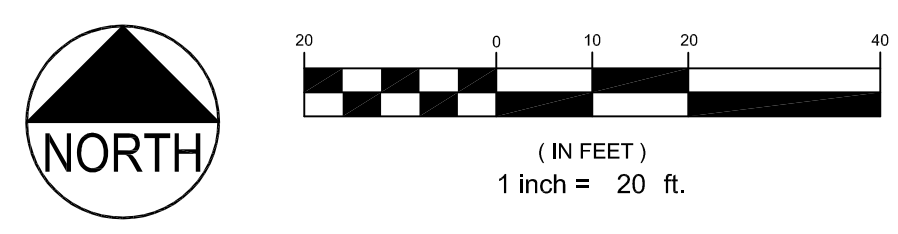
SHEET TITLE
**GRADING, DRAINAGE AND
 EROSION CONTROL PLAN**

CLIENT
**JHR DEVELOPMENT
 OF MAINE, LLC**

FST **FAY, SPOFFORD & THORNDIKE, INC.**
 ENGINEERS · PLANNERS · SCIENTISTS
 778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106

DRAWN: CMW DATE: JULY 2013
 DESIGNED: RJW SCALE: 1" = 20'
 CHECKED: RJW JOB NO. 3215
 FILE NAME: 3215-SP
 SHEET **C-3.0**

TOPOGRAPHIC SURVEY BASED ON "SITE PLAN" BY SEBAGO TECHNICS DATED 04.24.95.
 SUPPLEMENTAL TOPOGRAPHIC SURVEY BY FAY, SPOFFORD & THORNDIKE, INC. PERFORMED ON JULY 2013.

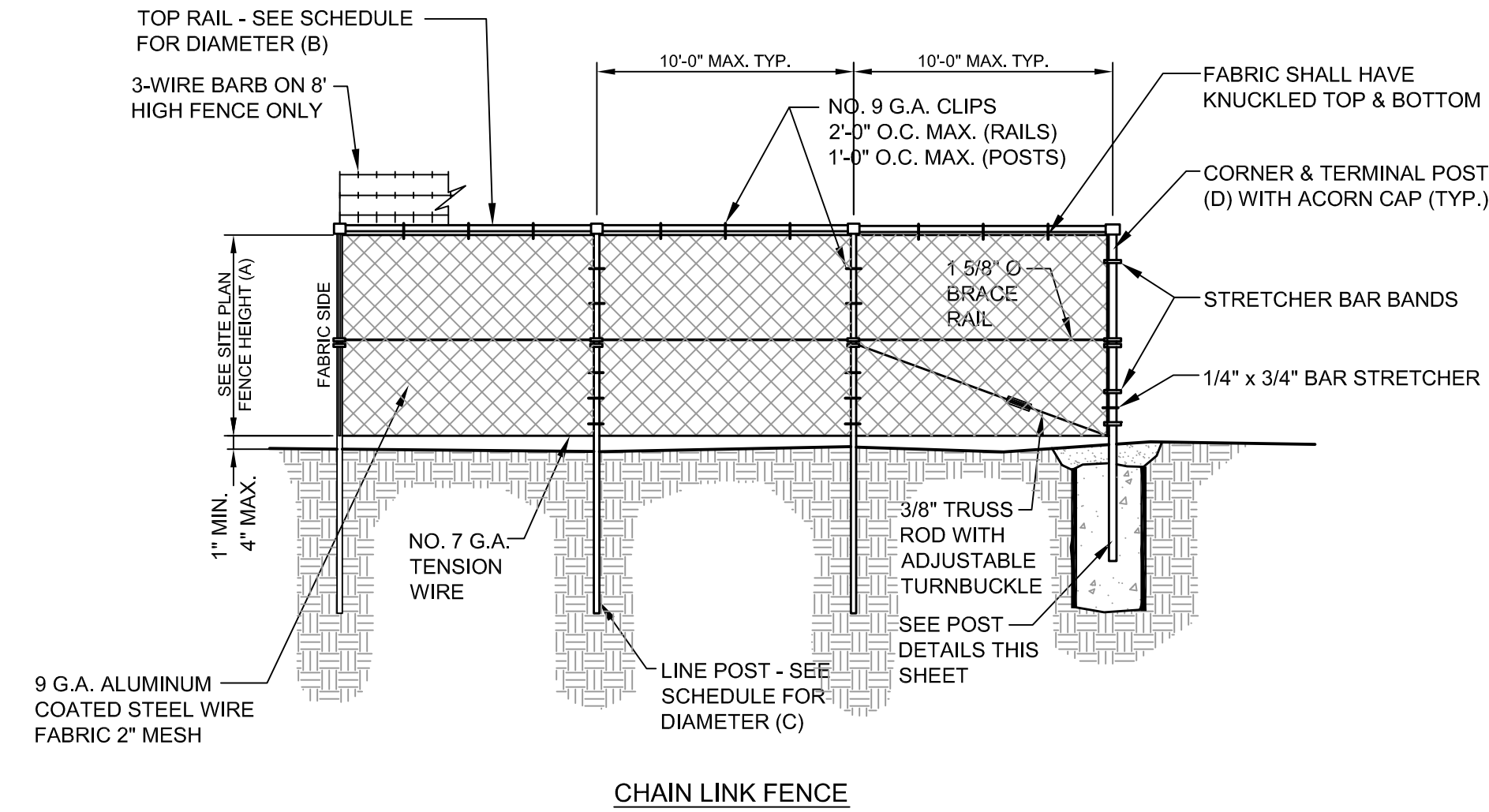


PRELIMINARY - NOT FOR CONSTRUCTION

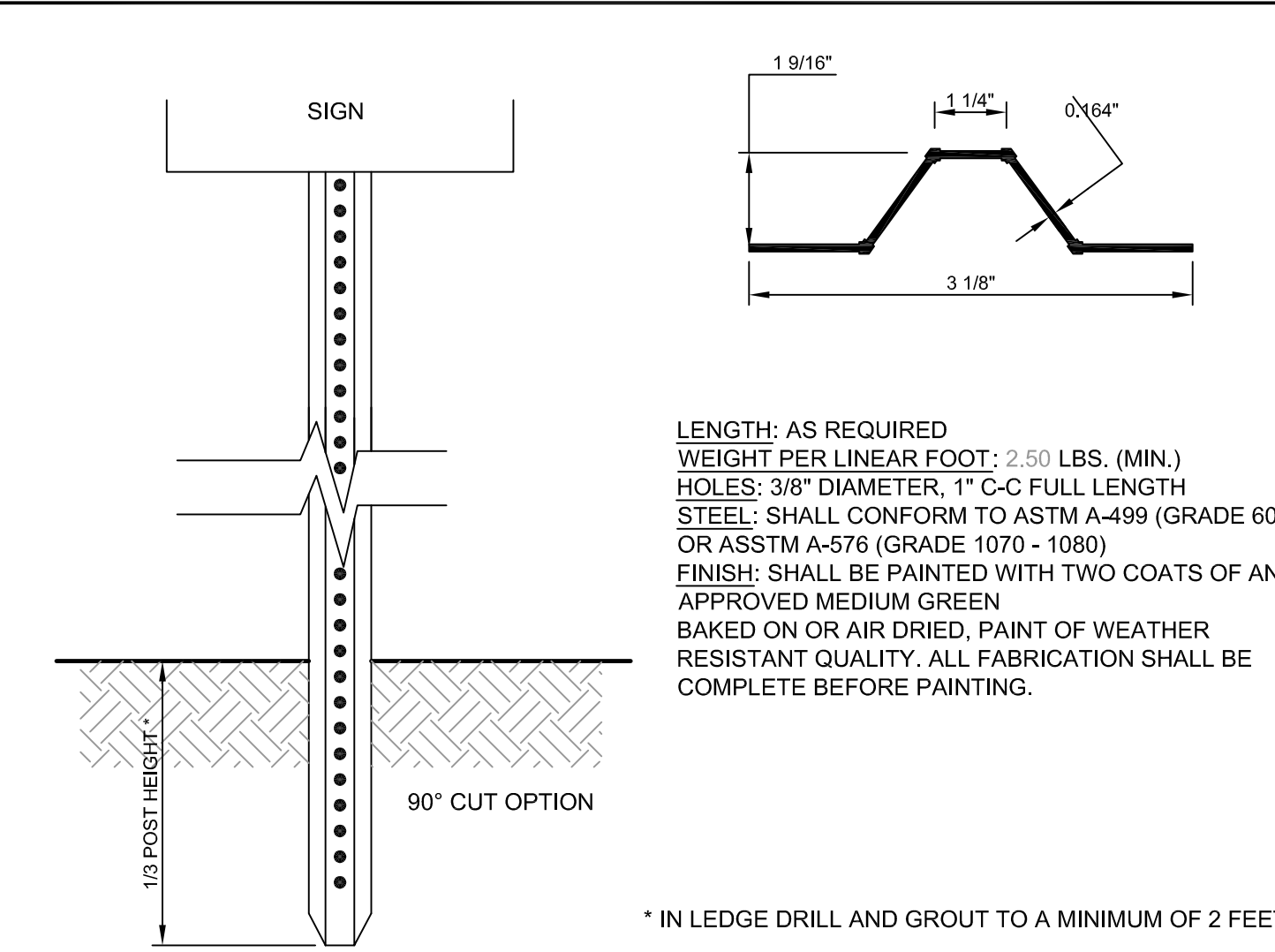
POST DIAMETER SCHEDULE	
GATE SIZE	PIPE DIAMETER
6' AND LESS	3" O.D., 5.79 LBS/FT
6' TO 10'	4" O.D., 9.10 LBS/FT

CHAIN LINK FENCE INSTALLATION SCHEDULE			
FENCE HEIGHT (A)	TOP RAIL PIPE DIA. (B)	LINE POST PIPE DIA. (C)	CORNER, TERMINAL & GATE POST PIPE DIA. (D)
4'	1.66"	1.90"	2.375"
6'	1.66"	1.90"	2.375"
8'	1.66"	2.375"	2.875"
10'	1.66"	2.875"	2.875"

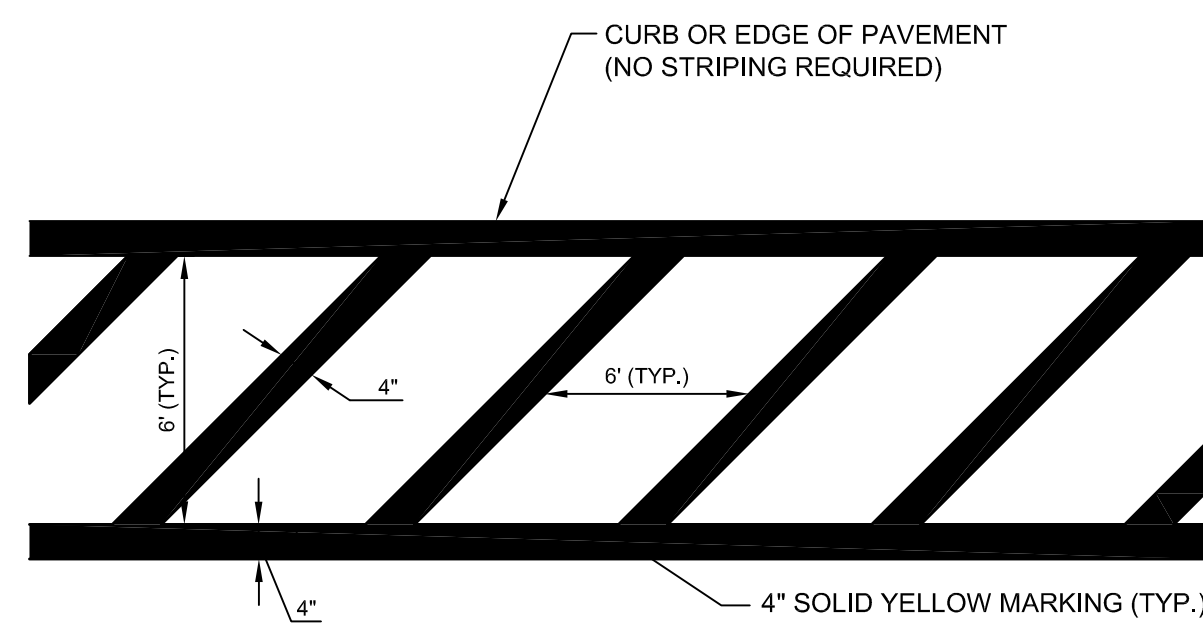
- NOTES:
- DIMENSIONS FOR PIPE DIAMETERS ARE NOMINAL OUTSIDE DIAMETERS.
 - REFER TO PLANS FOR LOCATION & HEIGHT OF FENCES TO BE INSTALLED.
 - REFER TO PLANS FOR GATE WIDTH AT EACH INSTALLATION.
 - ALL FENCE FABRIC, POSTS AND HARDWARE SHALL BE BLACK VINYL COATED.



(A) CHAIN LINK FENCE
N.T.S.

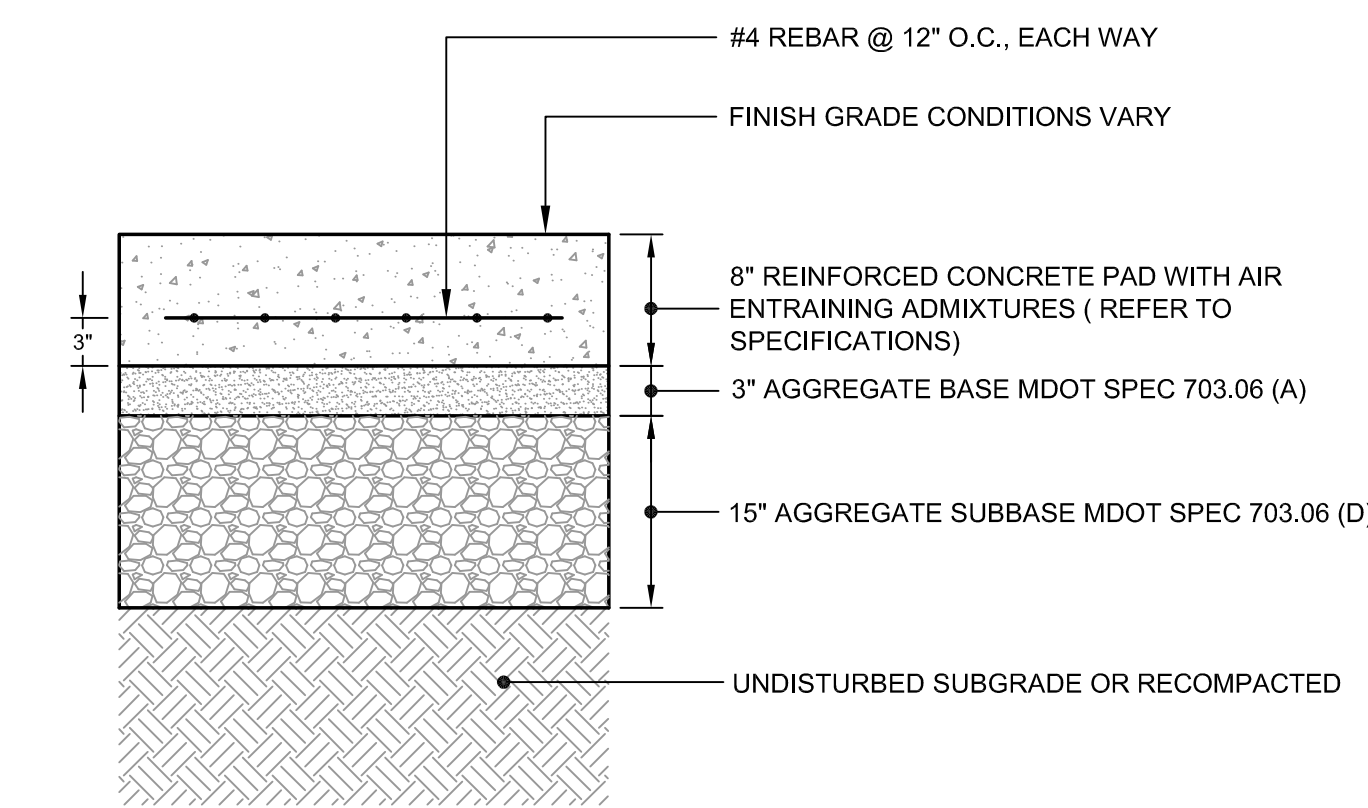


(F) U-CHANNEL METAL SIGN POST
N.T.S.

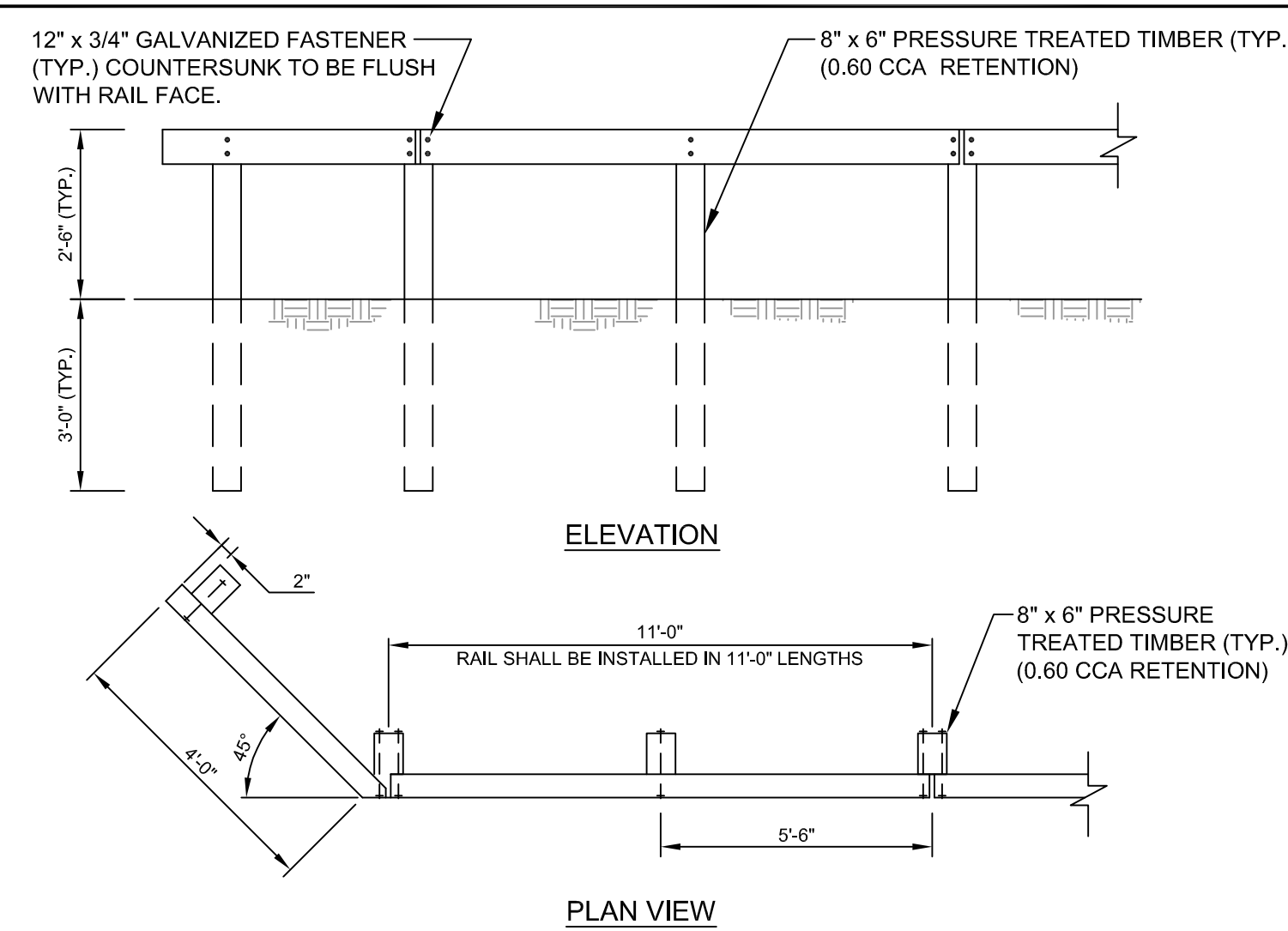


NOTE:
USE CHEVRONS 3'-0" OUT FROM CURB W/ DIAGONALS AT 4'-0" SPACING TO DESIGNATE FIRE LANE IN BUS DROP-OFF AREA.

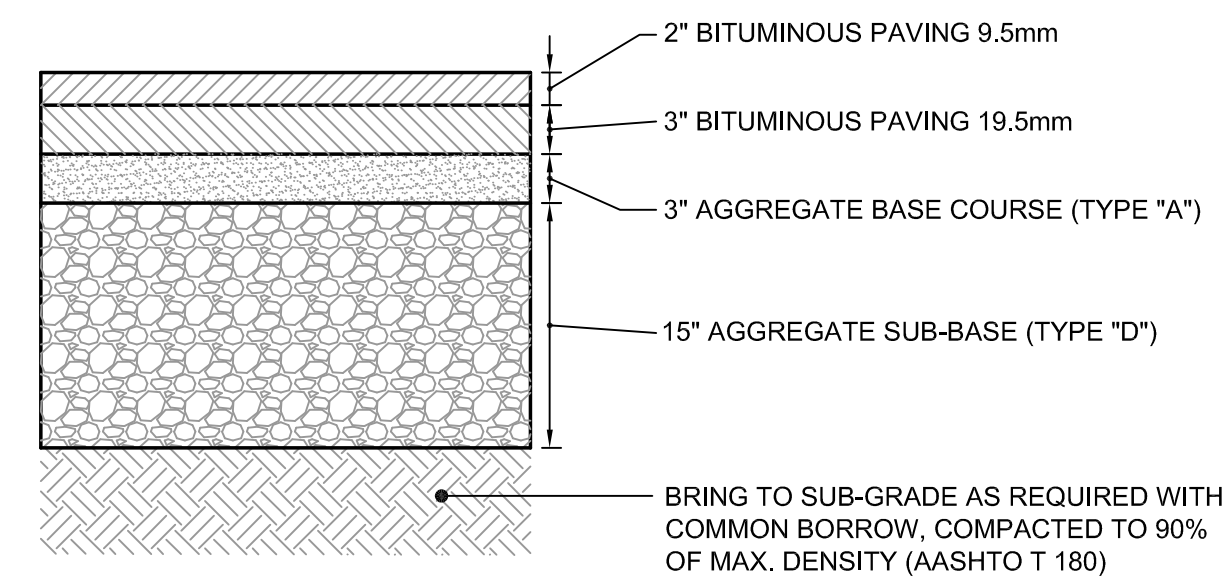
(B) CHEVRON STRIPING DETAIL
N.T.S.



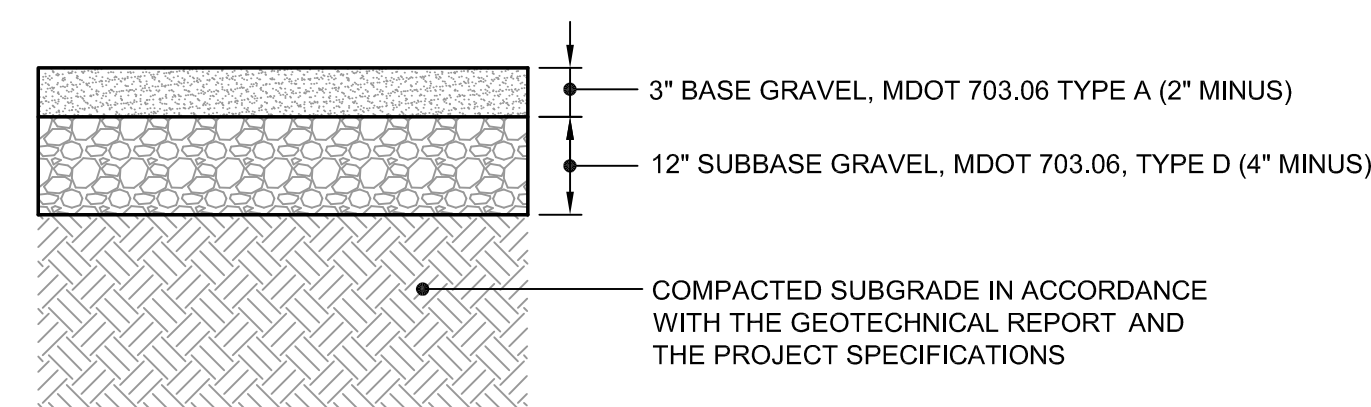
(D) REINFORCED CONCRETE SECTION
N.T.S.



(G) TIMBER GUIDERAIL DETAIL
N.T.S.

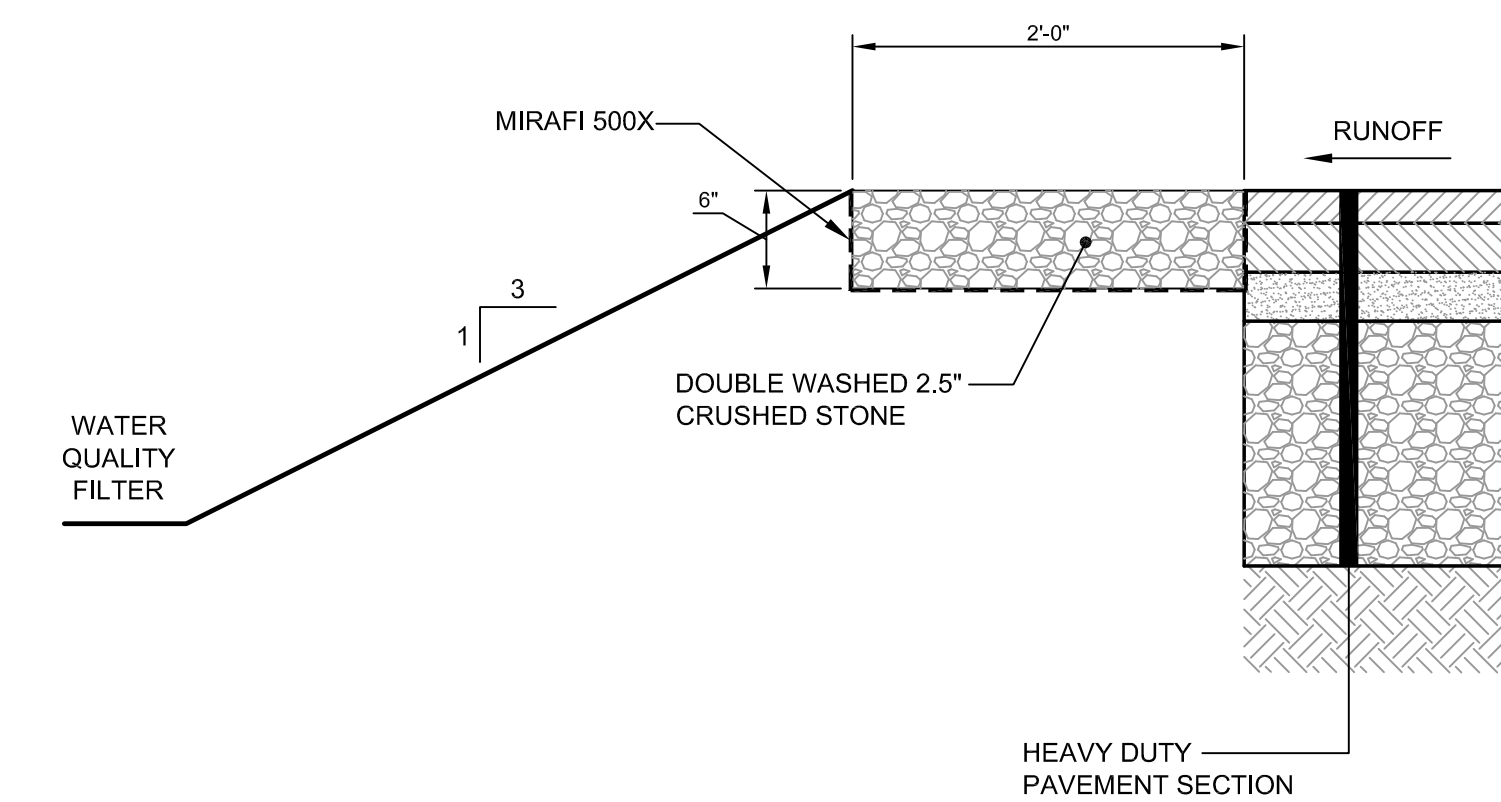


(C) HEAVY DUTY BITUMINOUS CONCRETE PAVEMENT SECTION
N.T.S.



NOTES:
ALL MATERIALS SHALL CONFORM TO MDOT SPECIFICATIONS, LATEST REVISION. COMPACTION OF ALL MATERIALS TO BE IN ACCORDANCE WITH THE SPECIFICATIONS AND THE GEOTECHNICAL REPORT.

(E) GRAVEL SECTION
N.T.S.



(H) PRETREATMENT STONE DIAPHRAGM
N.T.S.

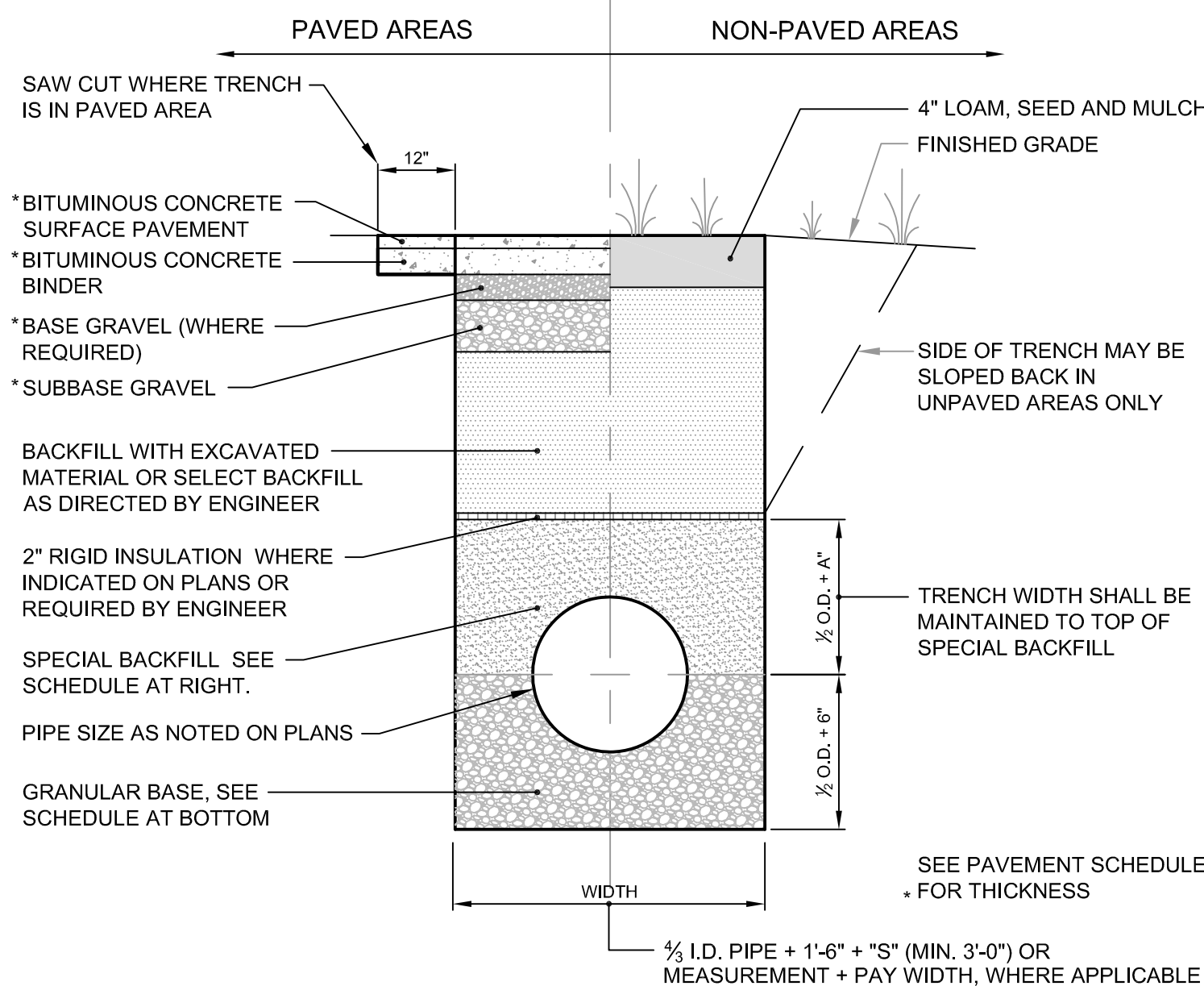
PRELIMINARY - NOT FOR CONSTRUCTION

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P.E. ROBERT J. WOODMAN
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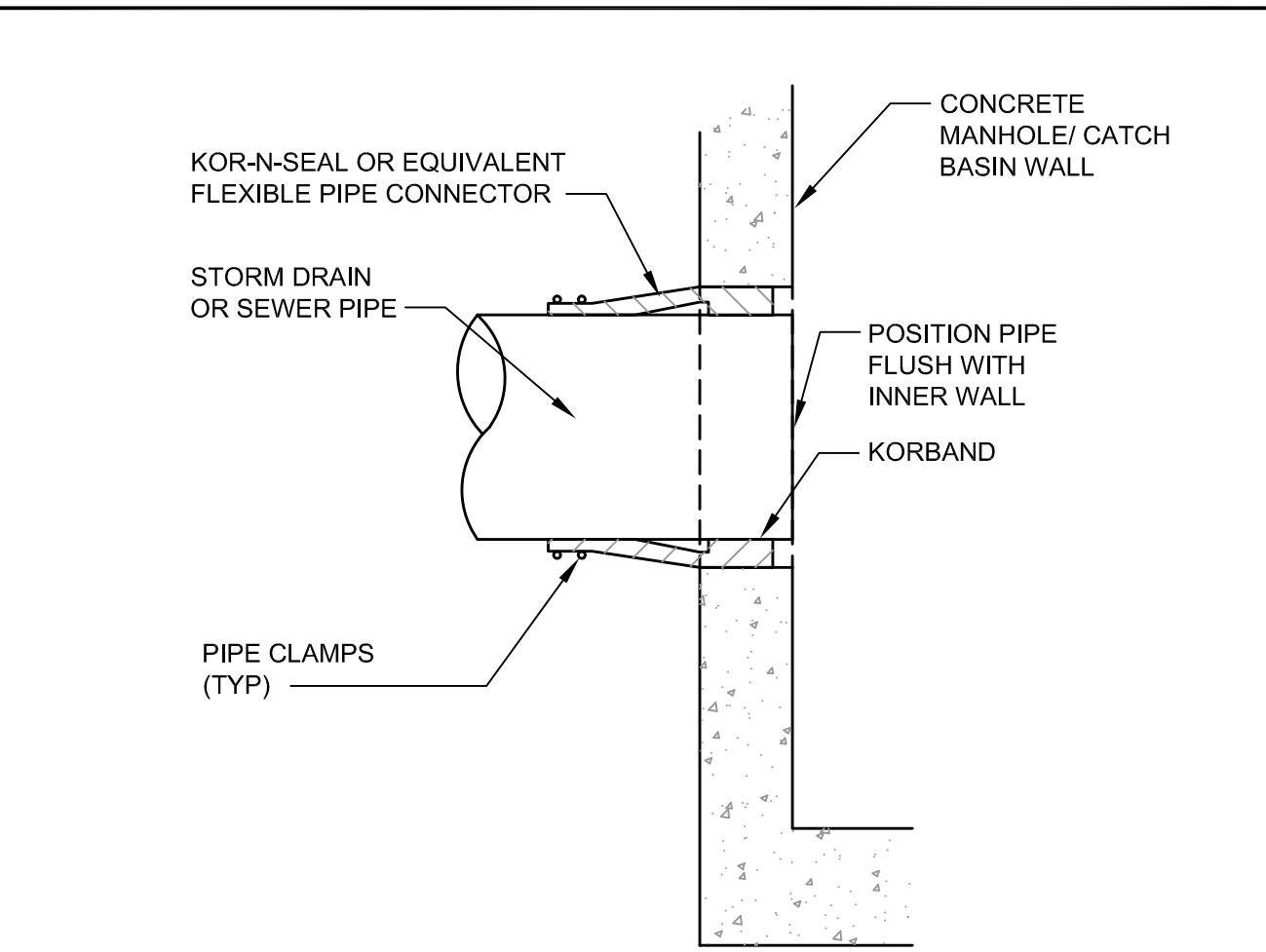
PROJECT PROPOSED TRUCK LOADING AREA AT 56 MILLIKEN STREET PORTLAND MAINE	ENGINEERS FST FAY, SPOFFORD & THORNDIKE, INC. ENGINEERS · PLANNERS · SCIENTISTS 778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106
SHEET TITLE SITE DETAILS	DATE: JULY 2013 SCALE: AS NOTED
CLIENT JHR DEVELOPMENT OF MAINE, LLC	CHECKED: RJW JOB NO. 3215 FILE NAME: 3215-DET SHEET C-6.1

TRENCH SECTION BACKFILL SCHEDULE				
TYPE OF PIPE	GRANULAR BASE MATERIAL	SPECIAL BACKFILL	SPECIAL BACKFILL COVER "A" (IN)	SELECT BACKFILL
CONCRETE	GRANULAR AASHTO M145-49 A-3 OR BETTER	GRANULAR AASHTO M145-49 A-3 OR BETTER	12"	GRANULAR AASHTO M145-49 A-3 OR BETTER
PVC	3/4" CRUSHED STONE	GRANULAR AASHTO M145-49 A-3 OR BETTER	6"	GRANULAR AASHTO M145-49 A-3 OR BETTER
DUCTILE IRON	GRANULAR AASHTO M145-49 A-3 OR BETTER	GRANULAR AASHTO M145-49 A-3 OR BETTER	6"	GRANULAR AASHTO M145-49 A-3 OR BETTER
UNDER-DRAINS	3/4" CRUSHED STONE	3/4" CRUSHED STONE	6"	GRANULAR AASHTO M145-49 A-3 OR BETTER

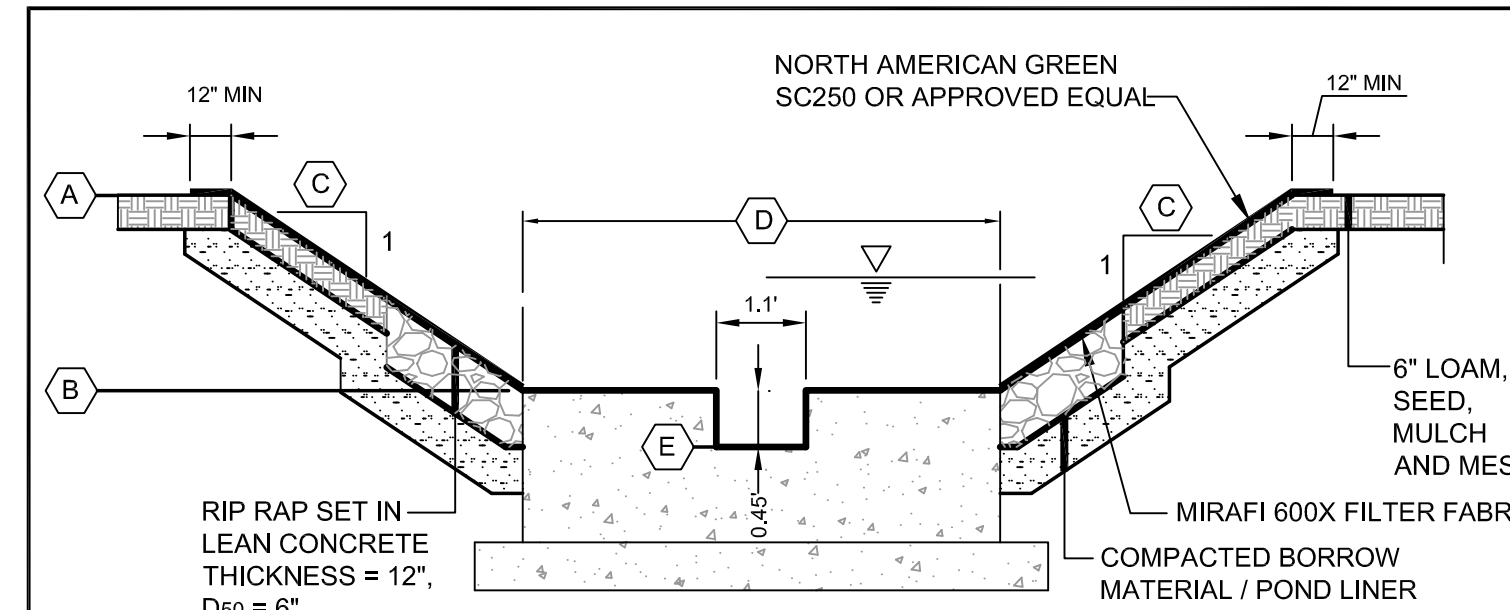


- NOTES:**
- BRACING AND SHEETING OR OTHER TRENCH PROTECTION TO BE PROVIDED TO MEET APPLICABLE STATE AND O.S.H.A. SAFETY STANDARDS. ALL SUCH TRENCH PROTECTION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - WHERE APPLICABLE, SERVICES TO BE SIMILAR EXCEPT MINIMUM PAY WIDTH IS 2 1/2 FT.

(B) TYPICAL UTILITY PIPE TRENCH SECTION DETAIL
N.T.S.

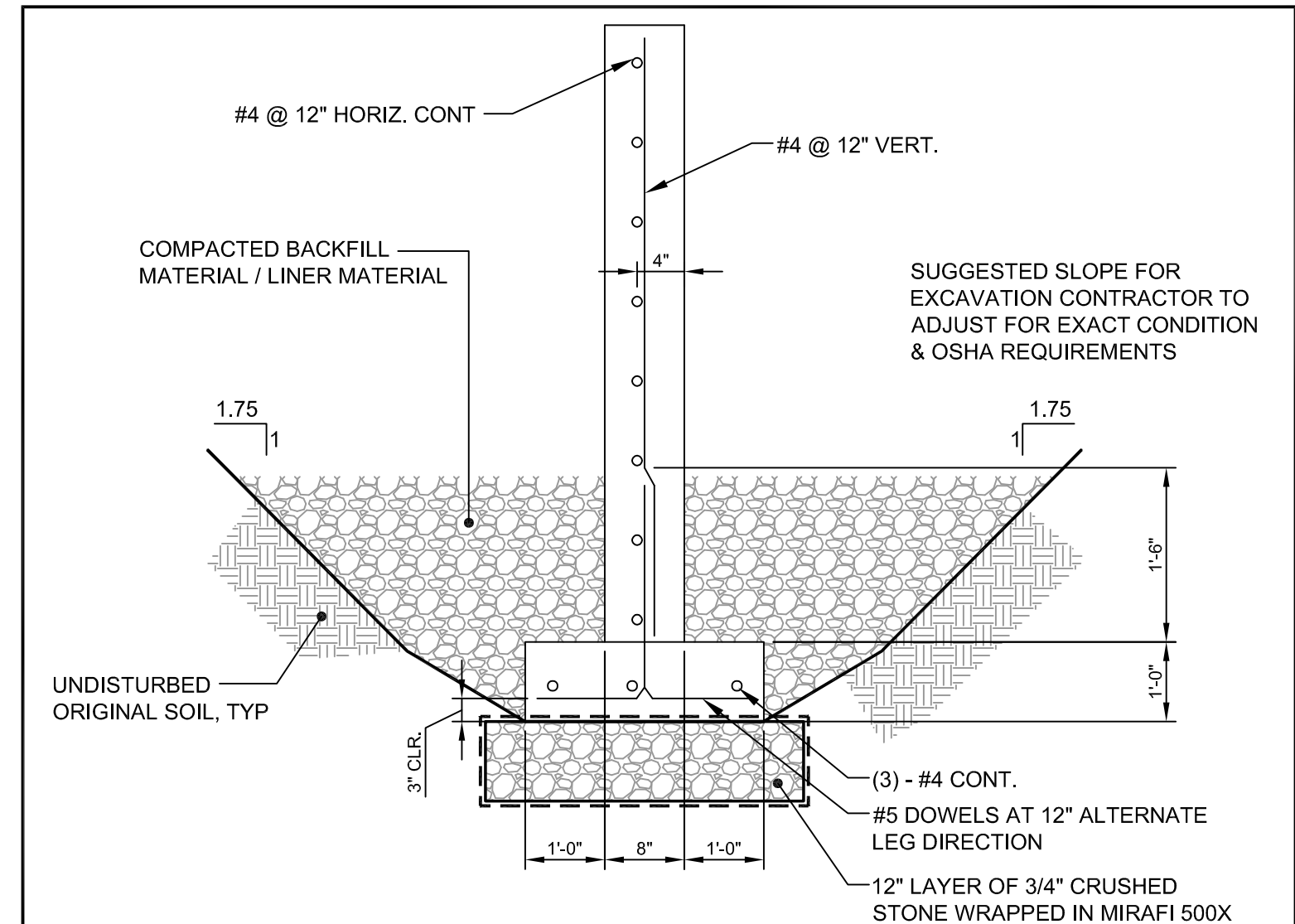


(D) PIPE CONNECTION TO PRECAST CONCRETE SANITARY SEWER & STORM DRAIN STRUCTURES
N.T.S.

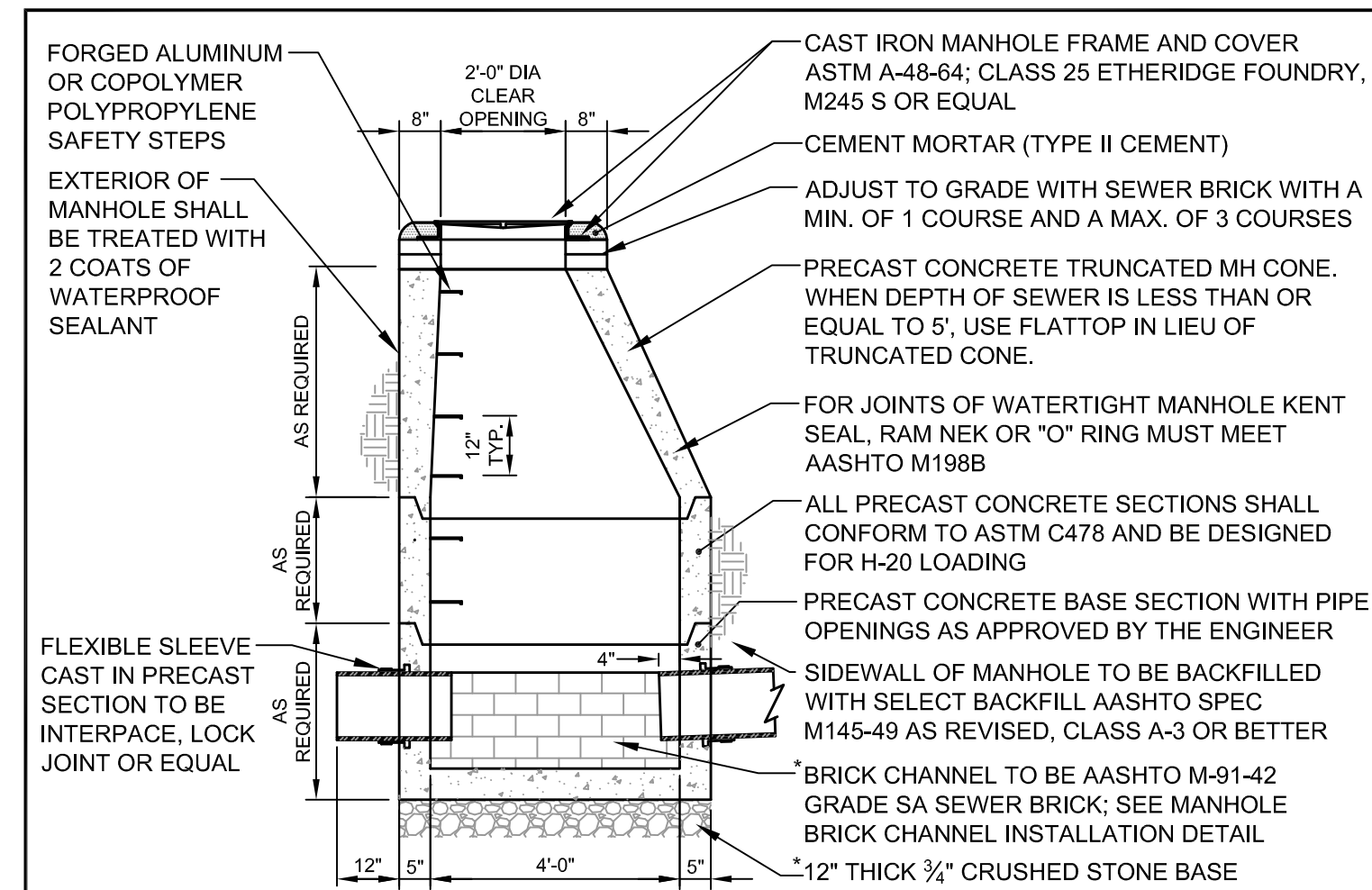


ITEM DESCRIPTION	DETENTION SUMP
(A) TOP OF BASIN ELEV.	79.77
(B) CREST OF SPILLWAY ELEV.	78.77
(C) EMERGENCY CHANNEL SIDE SLOPE	3:1
(D) WIDTH OF SPILLWAY	10'
(E) BROAD CRESTED WEIR	78.00

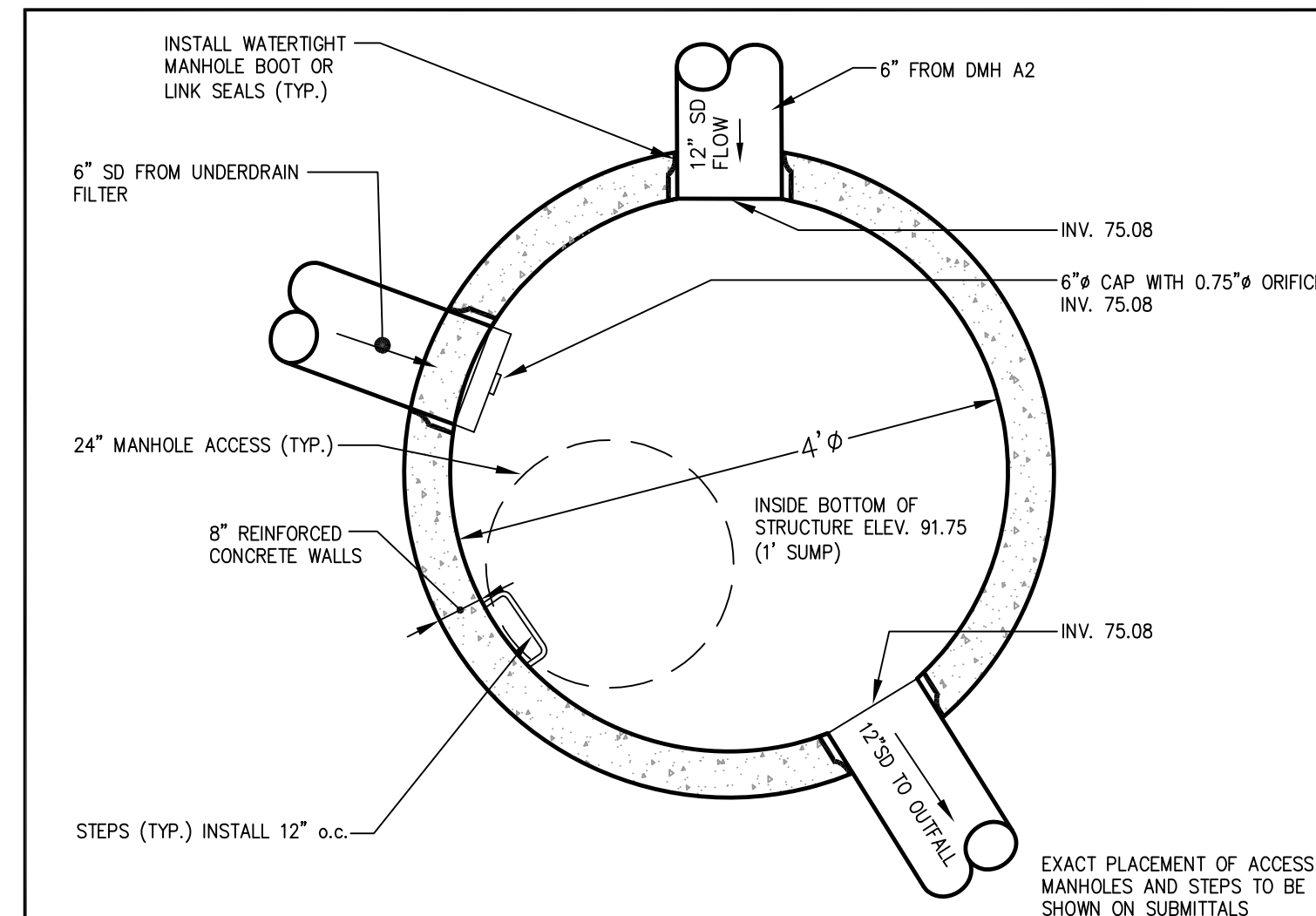
(G) OVERFLOW SPILLWAY
N.T.S.



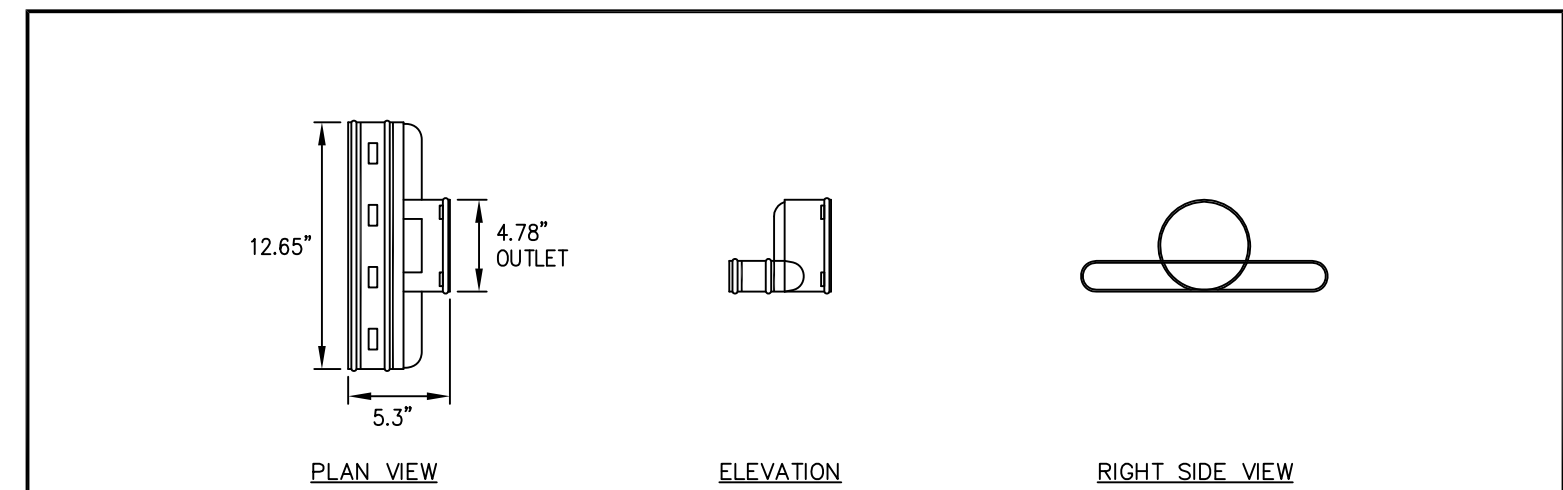
(J) TYPICAL WEIR SECTION
N.T.S.



(E) 4'-0" DIA. PRECAST SEWER & STORM DRAIN MANHOLE DETAIL
N.T.S.

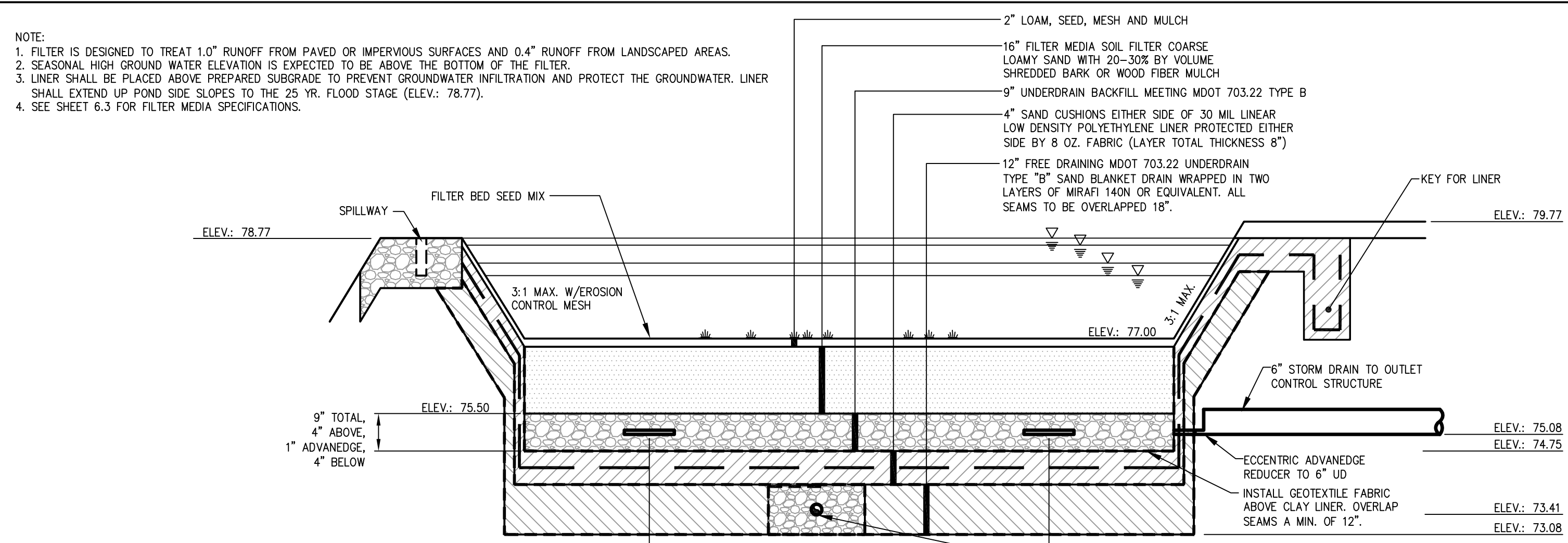


(H) 4' DIA. PRECAST OUTLET CONTROL STRUCTURE
N.T.S.

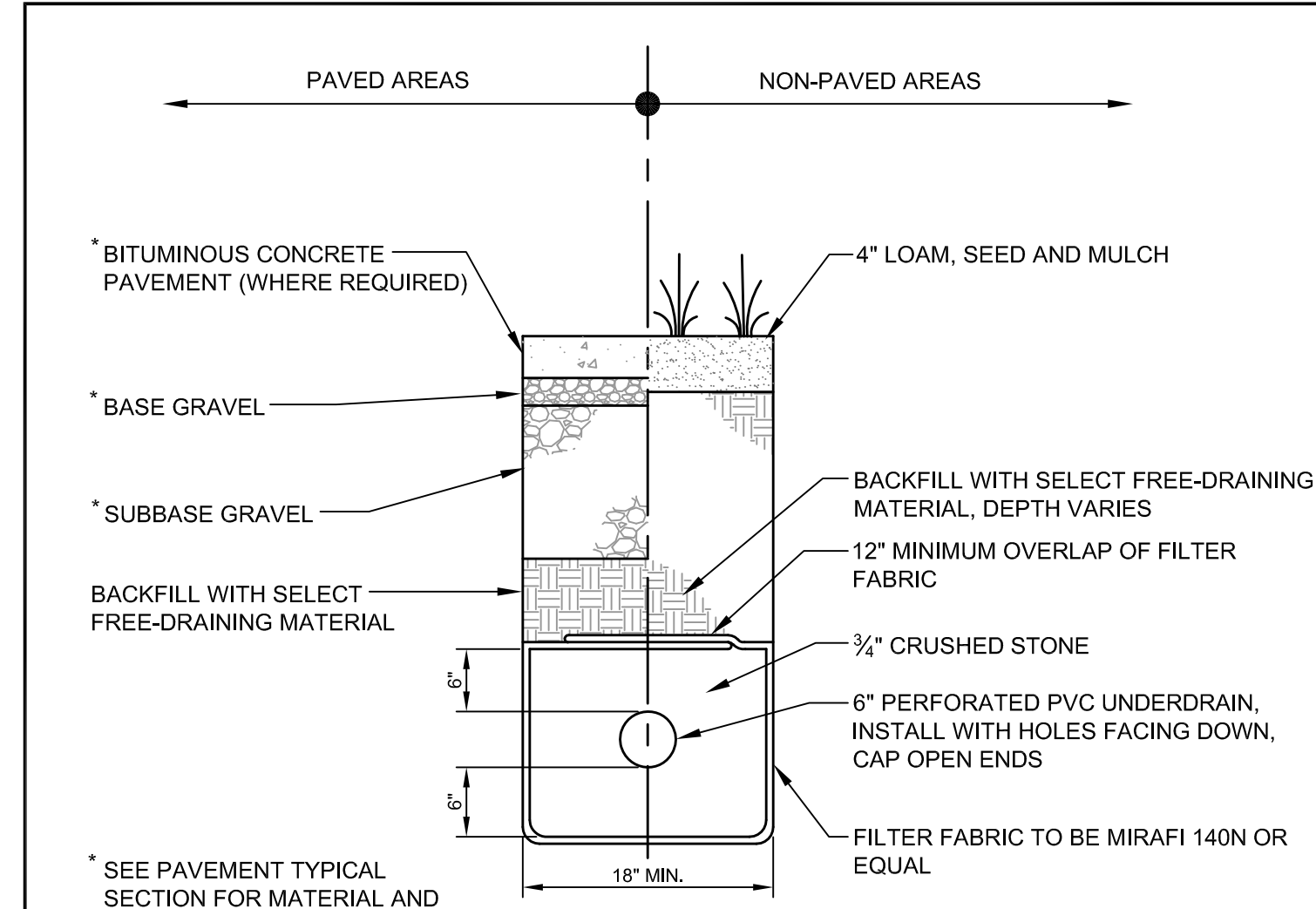


- NOTE:**
- AdvanEDGE OUTLET TO BE INSTALLED IN THE ORIENTATION SHOWN ABOVE, SUCH THAT THE INVERT ELEVATION OF THE ADVANEDGE EQUALS THE INVERT ELEVATION OF THE 4" ROUND PIPE AT THE JUNCTION.

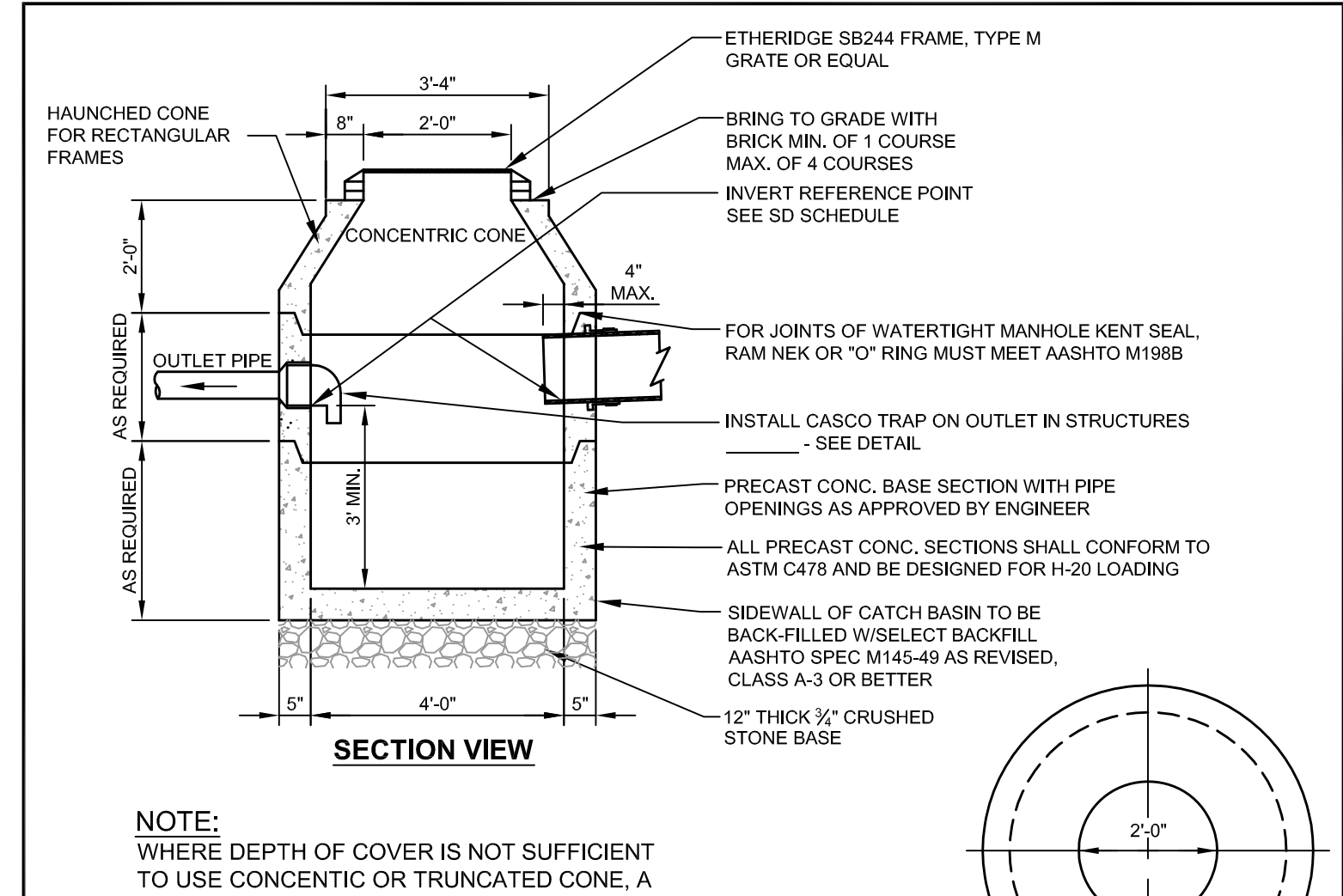
(K) 12" FLAT AdvanEDGE OUTLET (ADS PART # 1432AN)
N.T.S.



(C) TYPICAL SECTION FOR WATER QUALITY FILTER
N.T.S.



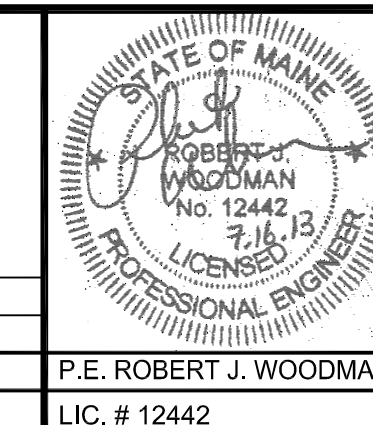
(I) TYPICAL UNDERDRAIN TRENCH SECTION DETAIL
N.T.S.



(L) 4'-0" PRECAST CATCH BASIN
N.T.S.

PRELIMINARY - NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION
2	08.09.13	REVISED PER CITY REVIEW COMMENTS
1	07.16.13	LEVEL II SITE PLAN APPLICATION
		REVISIONS



PROJECT
PROPOSED TRUCK LOADING AREA AT
56 MILLIKEN STREET PORTLAND MAINE

SHEET TITLE
UTILITY DETAILS

CLIENT
JHR DEVELOPMENT OF MAINE, LLC

ENGINEERS
FST FAY, SPOFFORD & THORNDIKE, INC.
ENGINEERS - PLANNERS - SCIENTISTS

DRAWN: CMW DATE: JULY 2013
DESIGNED: RJW SCALE: AS NOTED
CHECKED: RJW JOB NO. 3215
FILE NAME: 3215-DET
SHEET C-6.2