

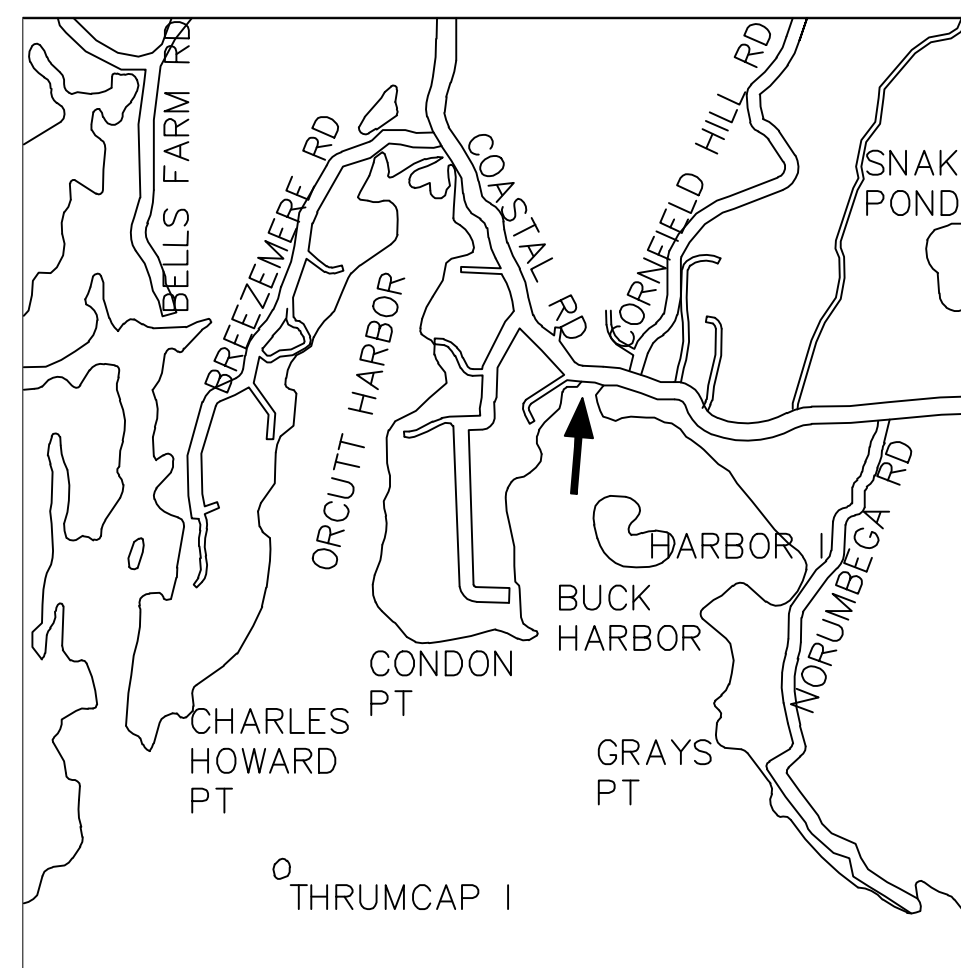
BID DOCUMENTS

PROJECT

TOWN OF BROOKSVILLE SEAWALL REHABILITATION BETSY'S COVE SITE IMPROVEMENTS

MAINE DOT WIN # 025213.00

PROJECT LOCATION



LIST OF SHEETS

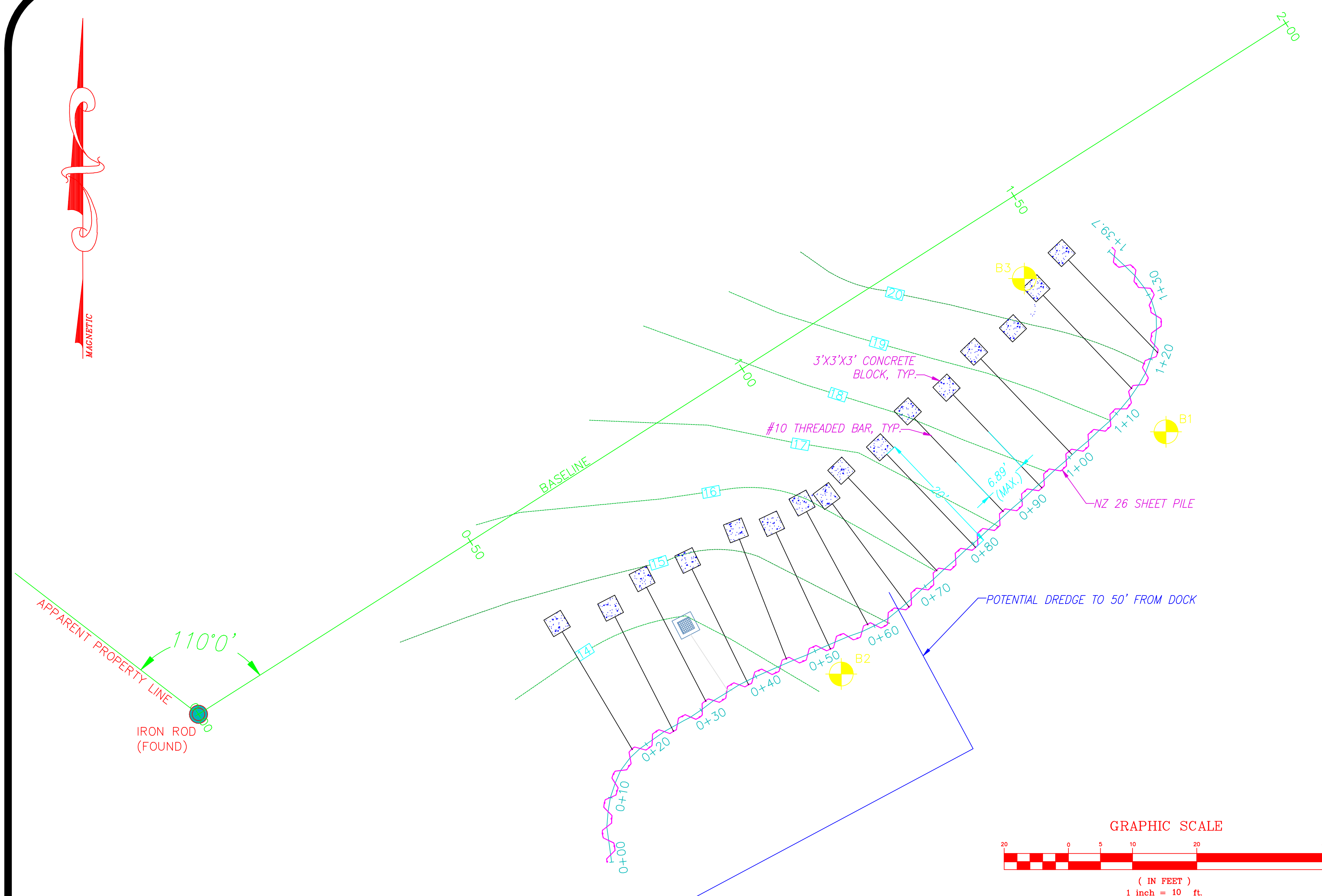
	COVER
SP-1	EXISTING SITE & DEMOLITION PLAN
SP-2	PROPOSED SITE PLAN
SP-3	SHEET PILE LAYOUT
D-1	SITE DETAILS & NOTES
D-2	SITE DETAILS & NOTES
D-3	SHEET PILE TIE BACK DETAILS

OWNER

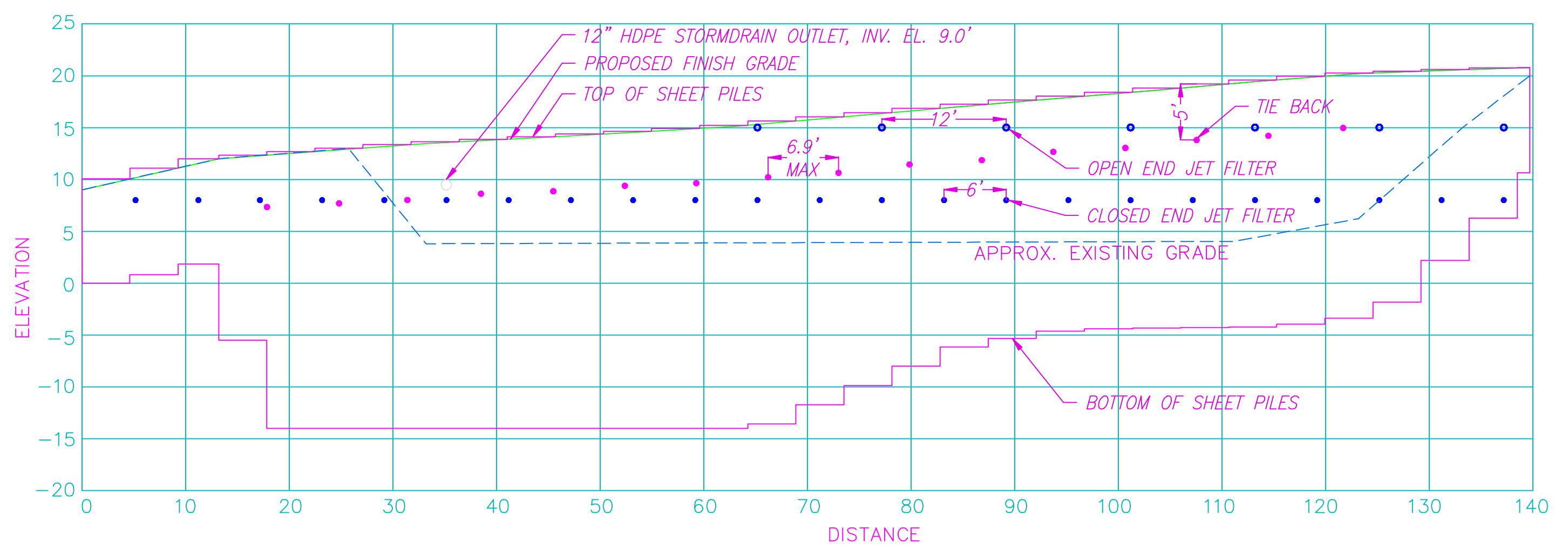
TOWN OF BROOKSVILLE
HARBOR COMMITTEE
1 TOWN HOUSE ROAD
BROOKSVILLE, ME 04617

ENGINEER

ANDREW McCULLOUGH
ENGINEERING CONSULTANTS
93 BUCKSPORT ROAD
ELLSWORTH, ME 04605



SHEET PILE TIE BACK PLAN
SCALE: 1"=10'



SHEET PILE PROFILE
SCALE: 1"=10'

TABLE 1 - SHEET PILE LAYOUT

LOCATION	BOTTOM OF SHEET PILE ELEVATION	TOP OF SHEET PILE ELEVATION
0+00	0.00	10.00
0+10	1.85	12.00
0+20	-14.00	12.69
0+30	-14.00	13.36
0+40	-14.00	13.87
0+50	-14.00	14.38
0+60	-14.00	15.22
0+70	-11.73	16.04
0+80	-8.02	16.85
0+90	-5.34	17.65
1+00	-4.40	18.41
1+10	-4.27	19.21
1+20	-3.39	20.27
1+30	2.19	20.61
1+39.7	10.65	20.80

TABLE 2 - JET DRAIN LAYOUT

LOCATION	DIAMETER	ELEVATION	TYPE
0+05	4"	8.00	CLOSED END
0+11	4"	8.00	CLOSED END
0+17	4"	8.00	CLOSED END
0+23	4"	8.00	CLOSED END
0+29	4"	8.00	CLOSED END
0+35	4"	8.00	CLOSED END
0+41	4"	8.00	CLOSED END
0+47	4"	8.00	CLOSED END
0+53	4"	8.00	CLOSED END
0+59	4"	8.00	CLOSED END
0+65	4"	8.00	CLOSED END
0+65	4"	8.00	OPEN END
0+71	4"	15.00	CLOSED END
0+77	4"	8.00	CLOSED END
0+77	4"	8.00	OPEN END
0+83	4"	15.00	CLOSED END
0+89	4"	8.00	CLOSED END
0+89	4"	8.00	OPEN END
0+95	4"	15.00	CLOSED END
1+01	4"	8.00	CLOSED END
1+01	4"	8.00	OPEN END
1+07	4"	15.00	CLOSED END
1+13	4"	8.00	CLOSED END
1+13	4"	8.00	OPEN END
1+19	4"	15.00	CLOSED END
1+25	4"	8.00	CLOSED END
1+25	4"	8.00	OPEN END
1+31	4"	15.00	CLOSED END
1+37	4"	8.00	CLOSED END
1+37	4"	8.00	OPEN END

General Notes

No.	Revision/Issue	Date

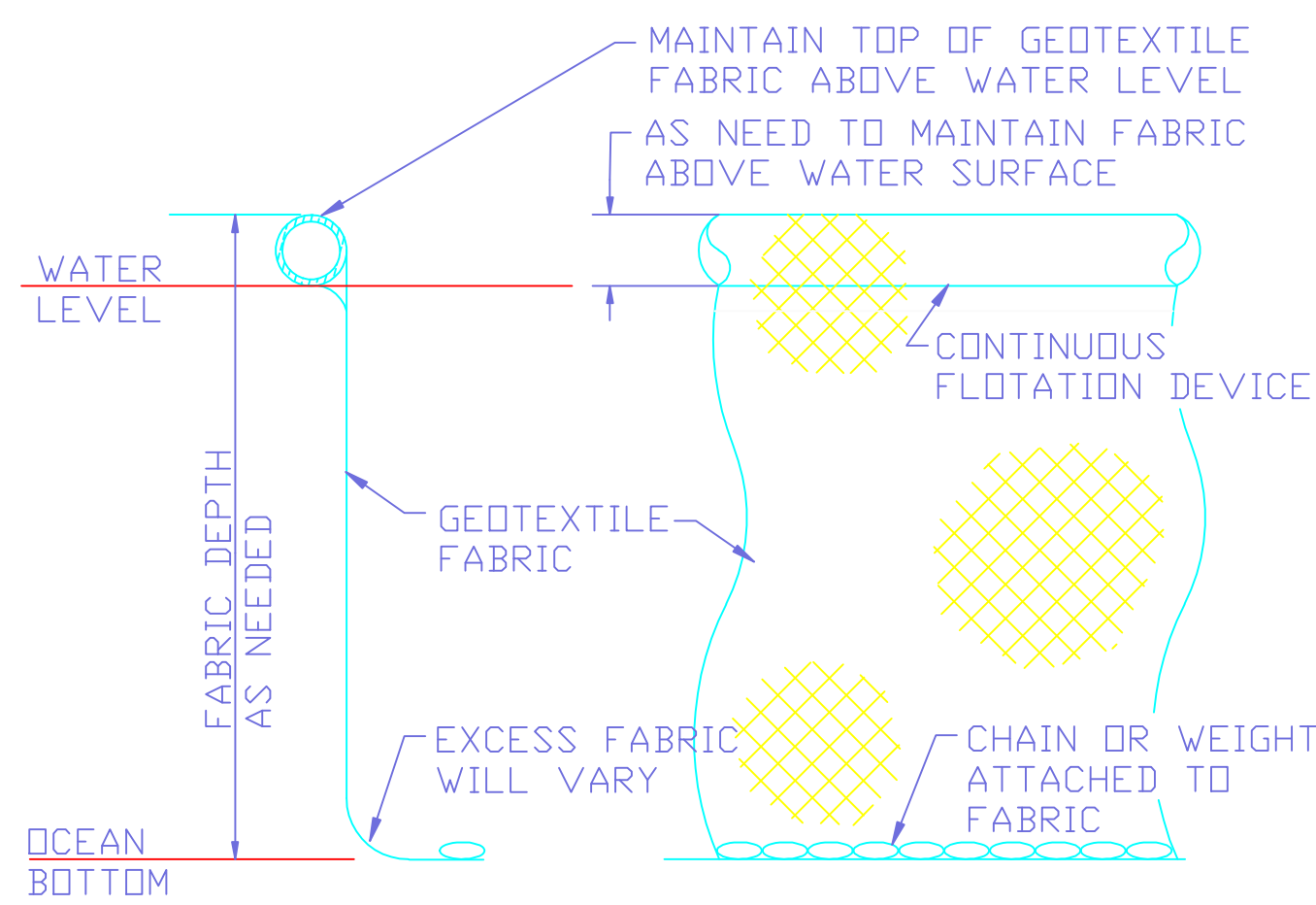
Record Owner and Address
TOWN OF BROOKSVILLE HARBOR COMMITTEE
1 TOWNHOUSE ROAD
BROOKSVILLE, MAINE 04617

Firm Name and Address
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Engineering Consultants
93 Bucksport Road
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207-667-6551
mccengr@myfairpoint.net

Project Name and Address
SHEET PILE LAYOUT
SEA WALL REHABILITATION
BETSY'S COVE SITE IMPROVEMENTS
Coastal Road
Brooksville, Maine
WIN: 025213.00

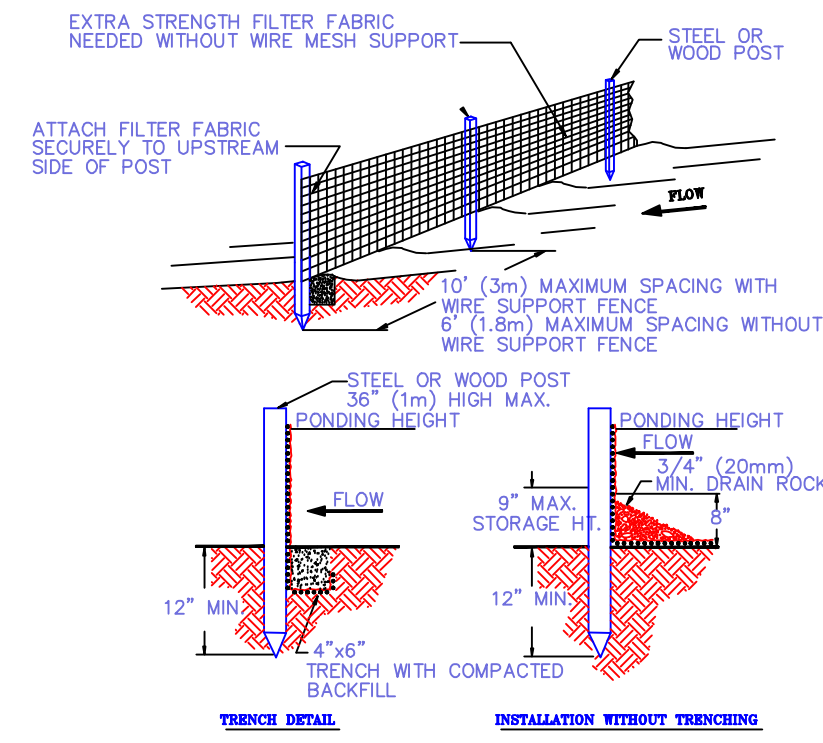
Project 2832	Sheet SP-3
Date 10/18/21	
Scale AS NOTED	

**WATER SILT BARRIER
TYPICAL SUSPENDED INSTALLATION**



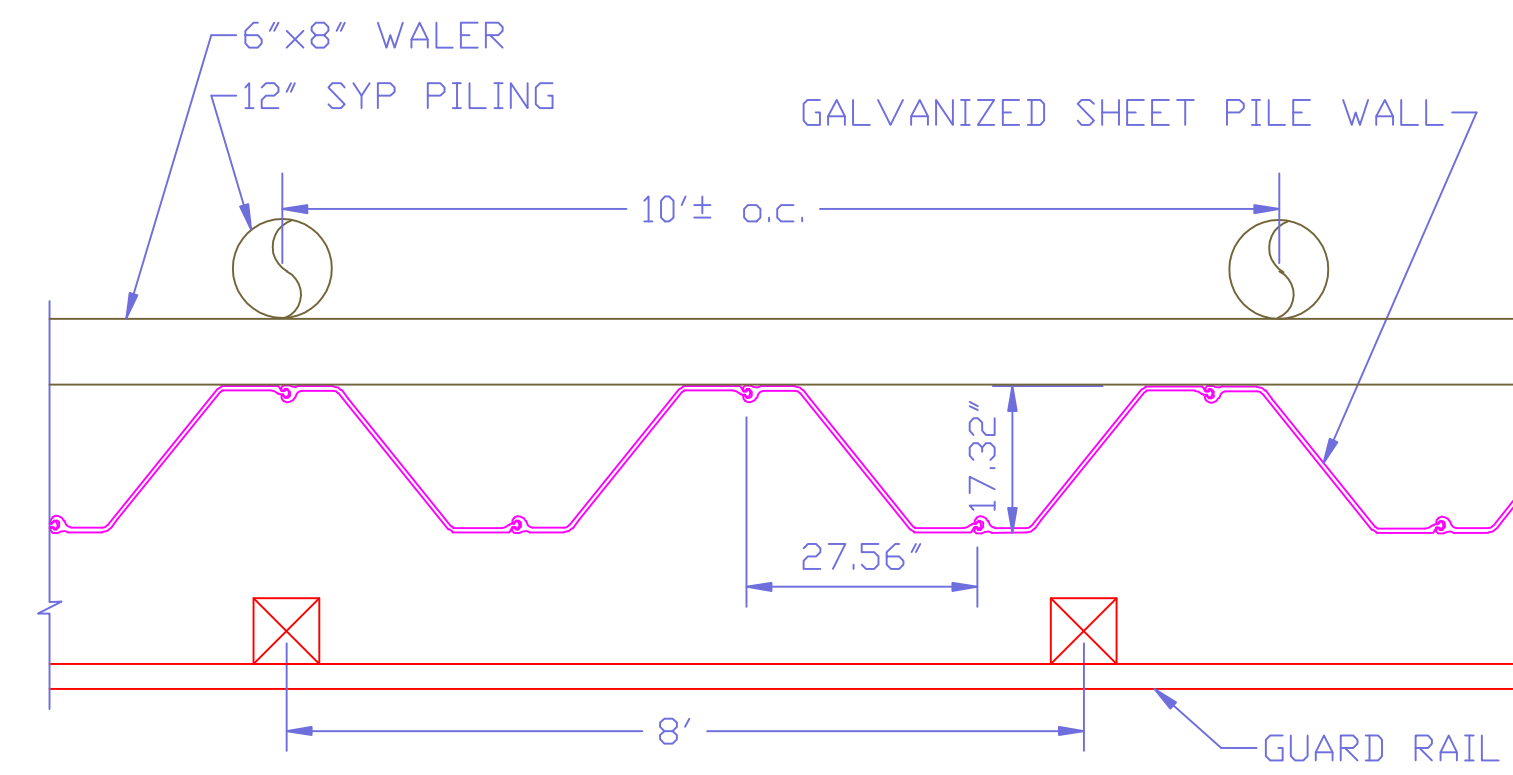
NOTE:
SILT BARRIER SHALL BE TYPE 2 HEAVY DUTY SILT BARRIER FROM GRANITE ENVIRONMENTAL OR APPROVED EQUAL.

SILT FENCE

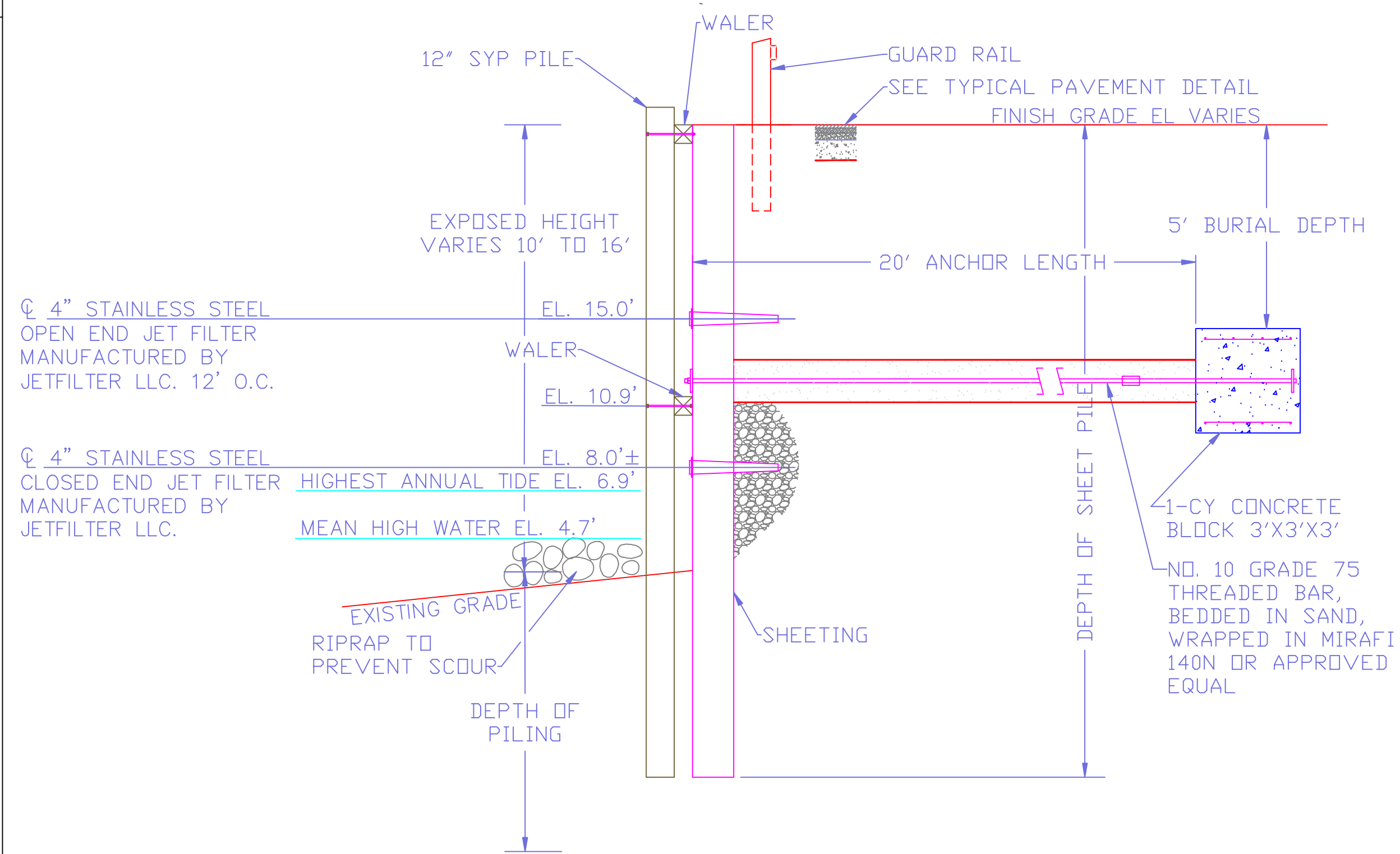


- NOTES:
1. SILT FENCE SHALL BE BELTECH 940 SILT FENCE OR APPROVED EQUAL.
 2. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
 3. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
 4. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
- C1994 JOHN McCULLAH

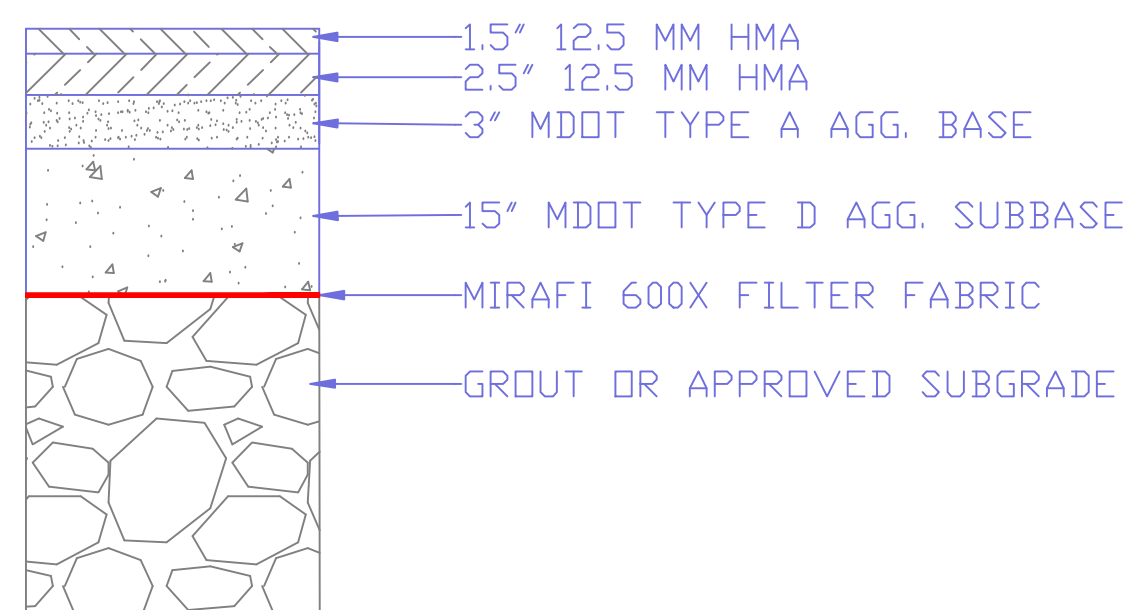
**SHEET PILE RETAINING WALL
PLAN VIEW**



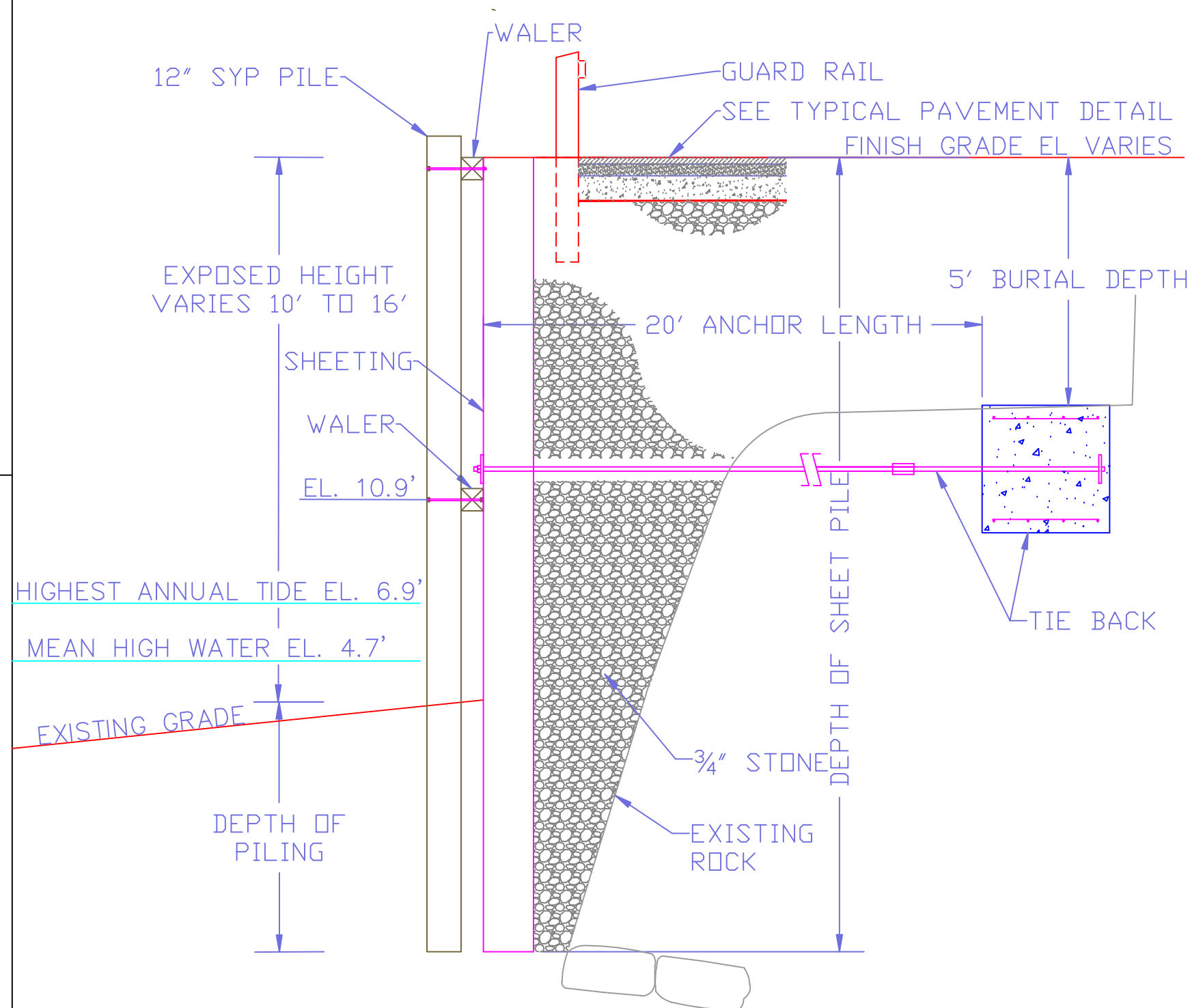
**SHEET PILE RETAINING WALL
SECTION**



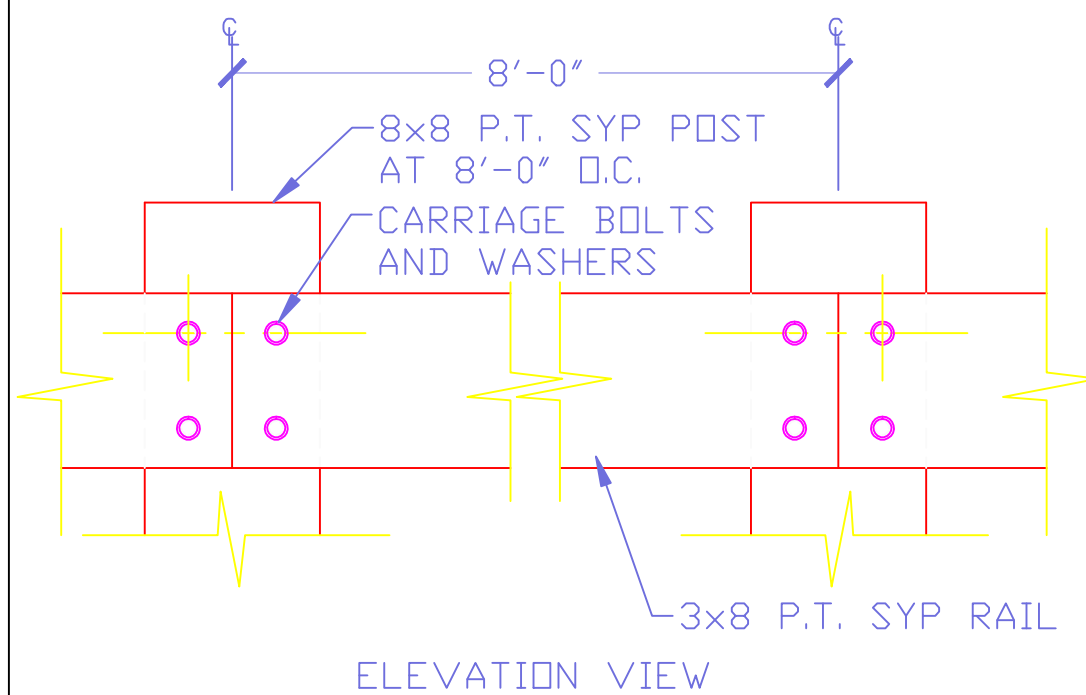
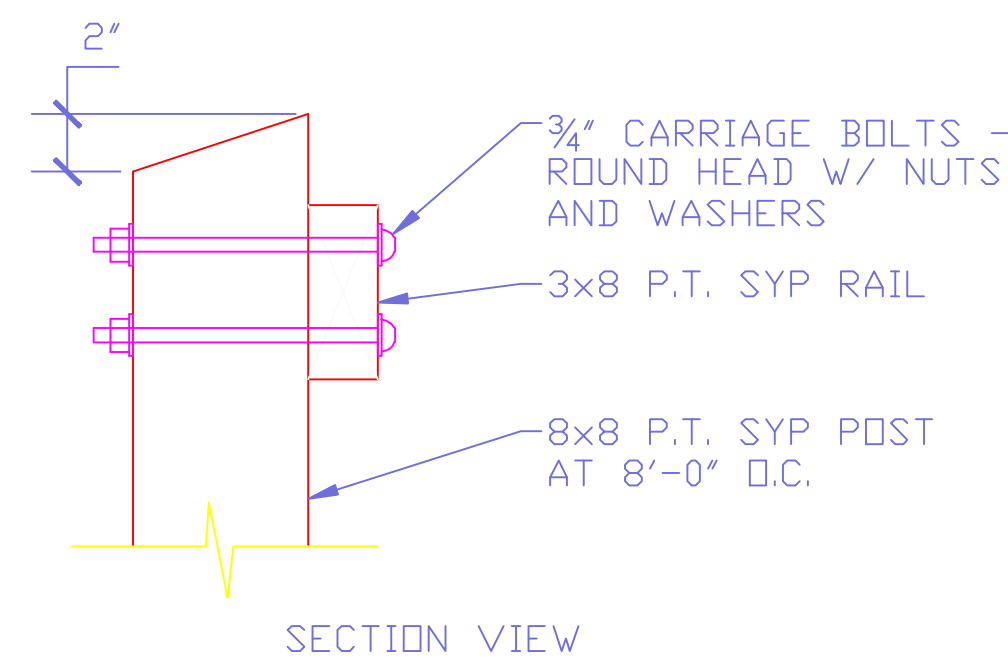
TYPICAL PAVEMENT SECTION



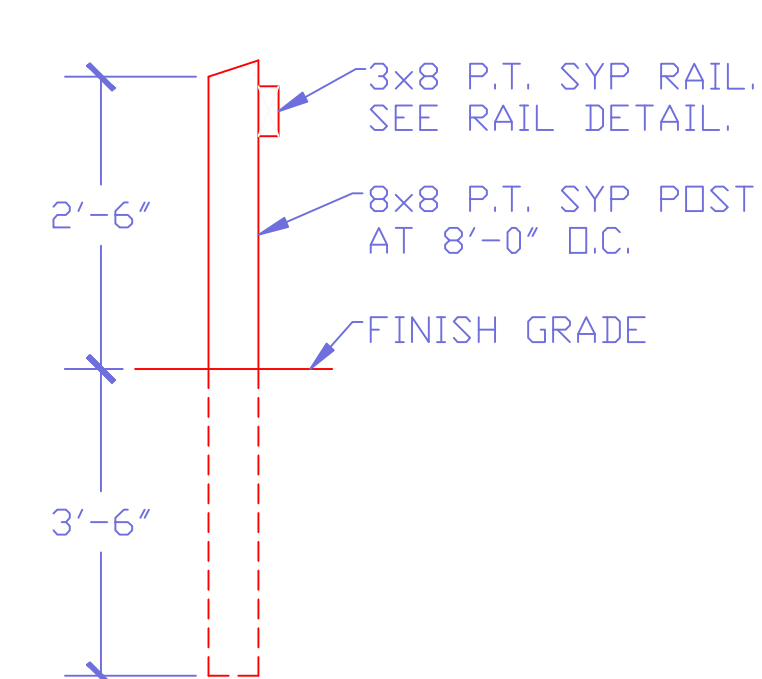
**SHEET PILE RETAINING WALL
TYPICAL SECTION**



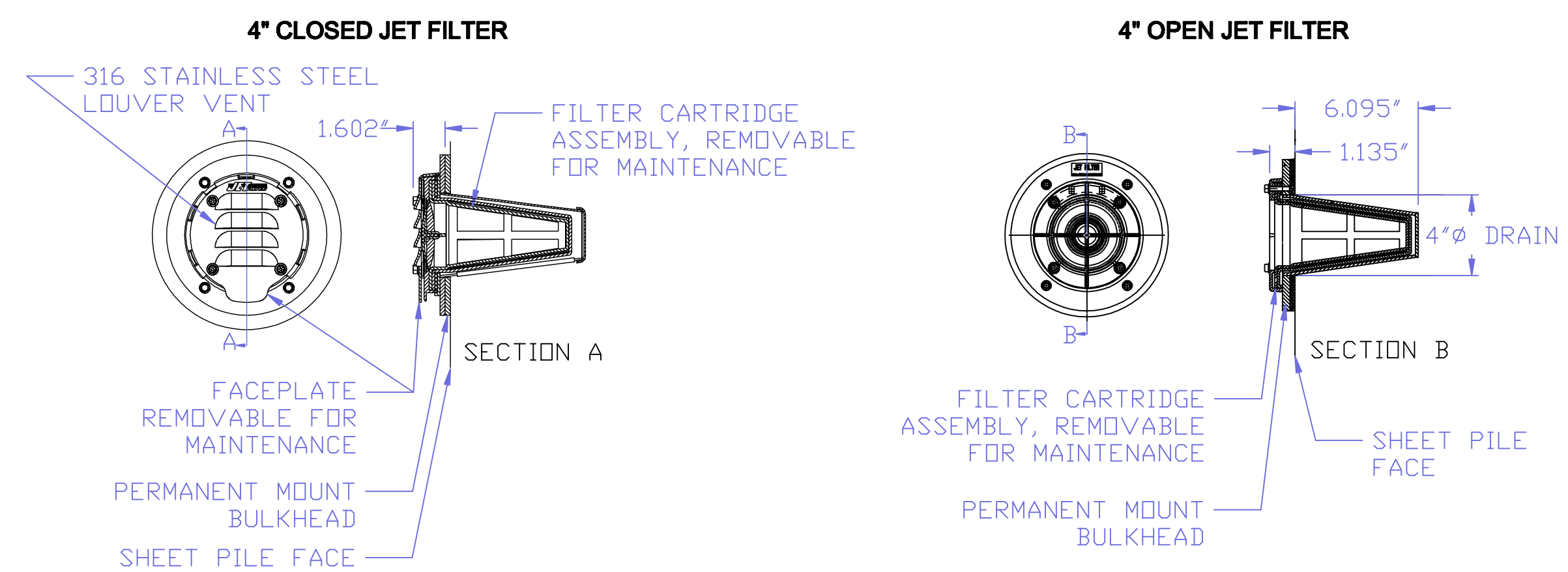
**GUARD RAIL TYPE 2
RAIL DETAIL**



**GUARD RAIL
TYPE 1**



JET FILTER DETAILS



General Notes

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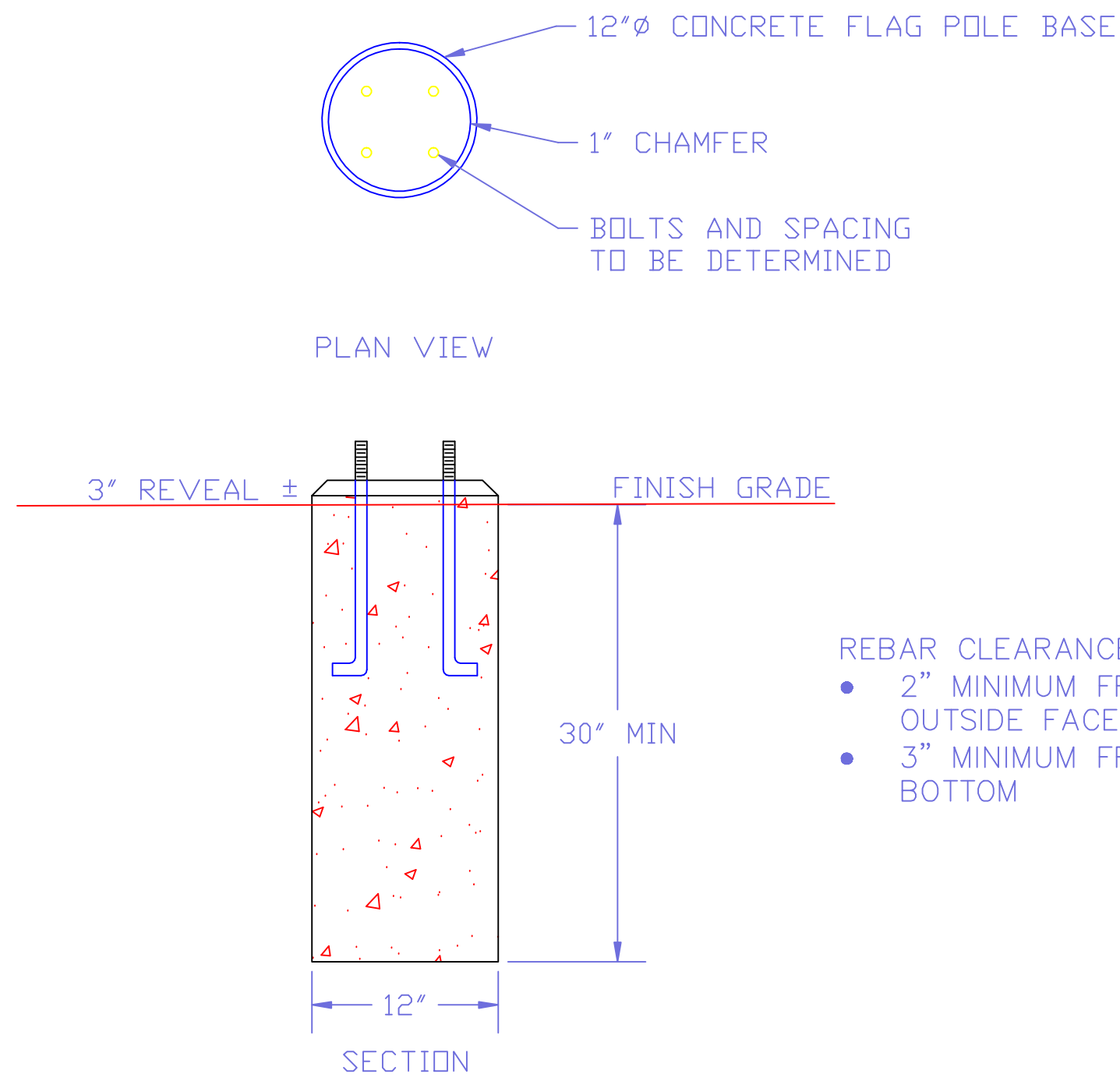
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SEA WALL REHABILITATION
BETSY'S COVE SITE IMPROVEMENTS**
Coastal Road
Brooksville, Maine
WIN: 025213.00

Project 2832	Sheet D-1
Date 10/18/21	
Scale NTS	

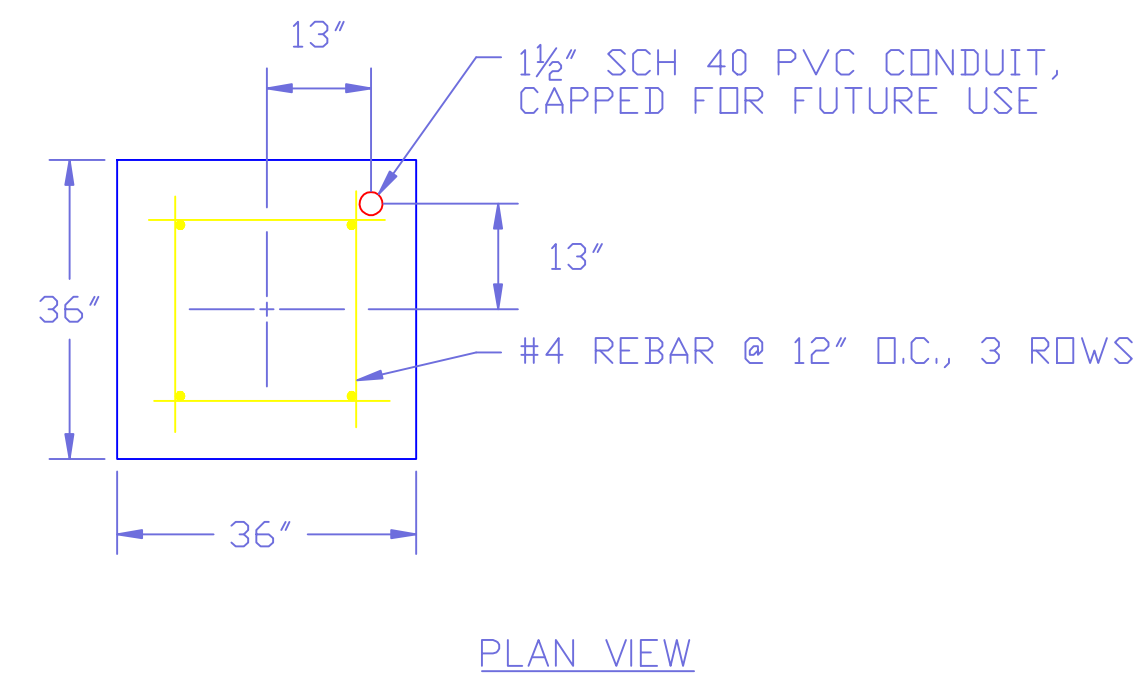
CONCRETE FLAG POLE BASE



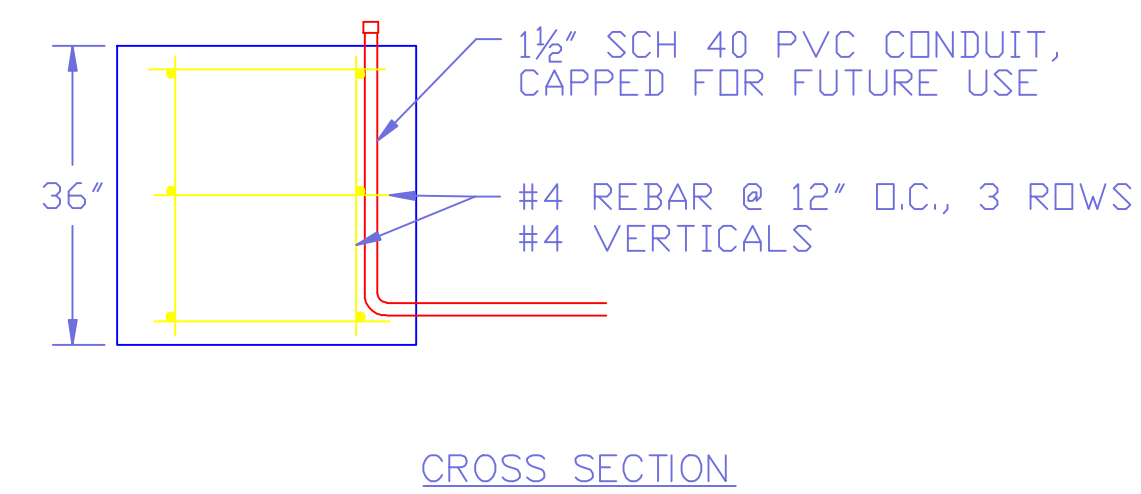
- REBAR CLEARANCE:
- 2" MINIMUM FROM OUTSIDE FACE
 - 3" MINIMUM FROM BOTTOM

- NOTES:
1. CONCRETE: 4000 PSI AT 28 DAYS
 2. REINFORCING: #4 VERTICALS W/ #3 STIRRUPS @ 12" O.C.
 3. ANCHOR BOLT SIZE AND LOCATION TO BE DETERMINED.

JIB CRANE PAD DETAIL



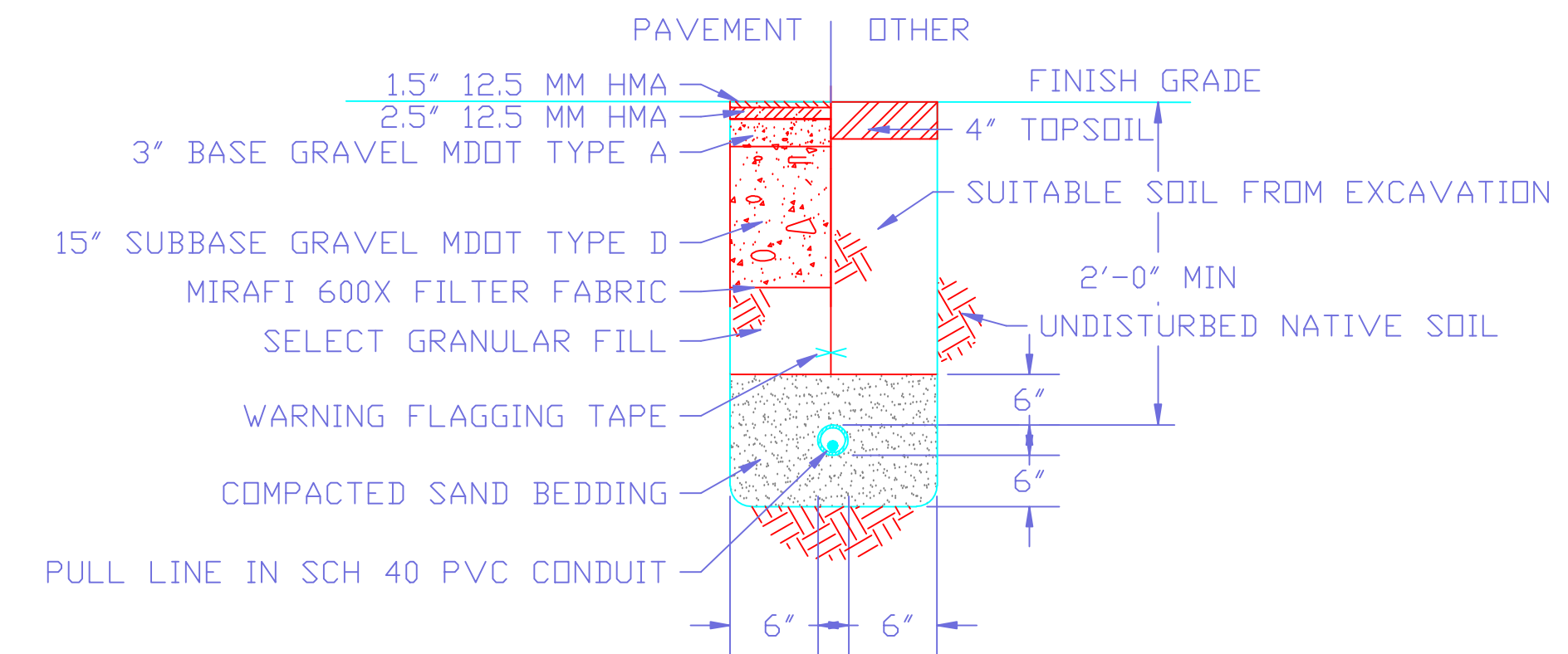
PLAN VIEW



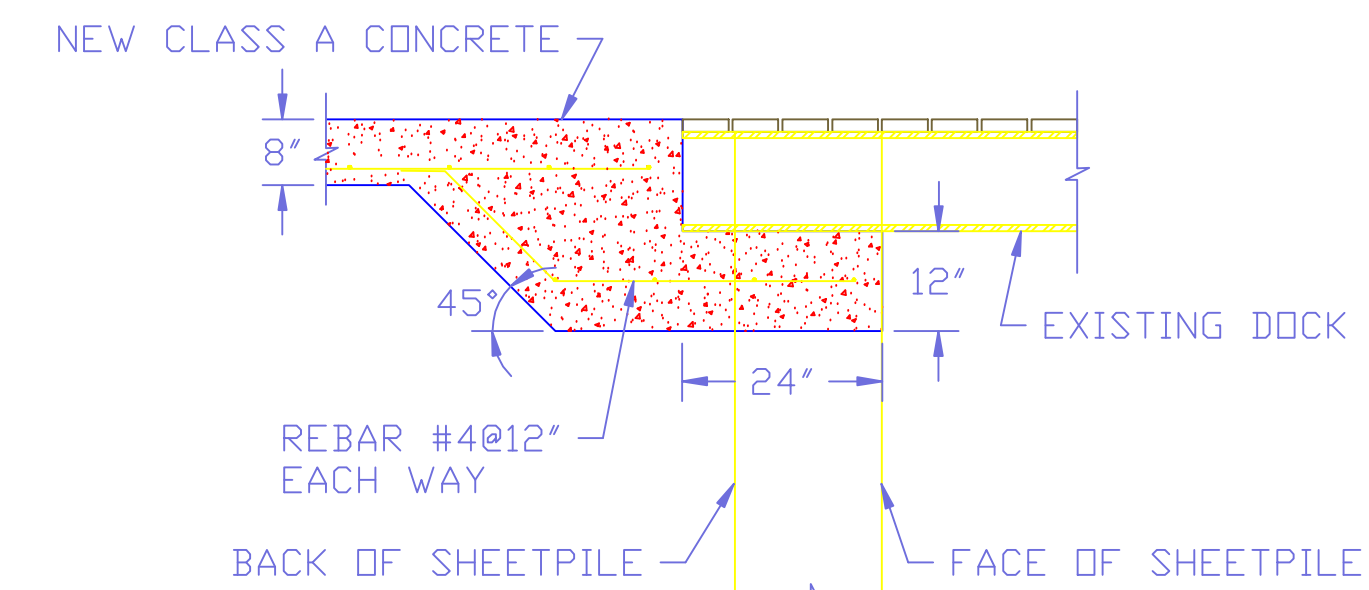
CROSS SECTION

CONCRETE: CLASS A

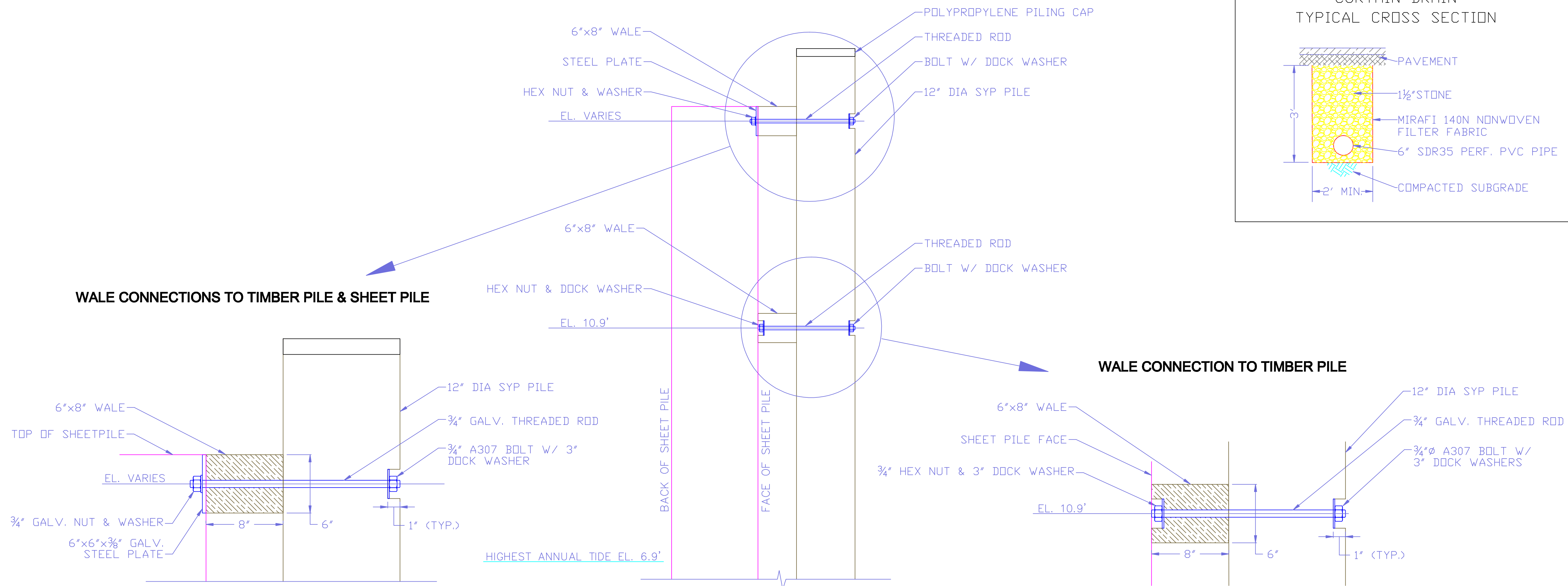
UNDERGROUND ELECTRICAL TRENCH TYPICAL SECTION



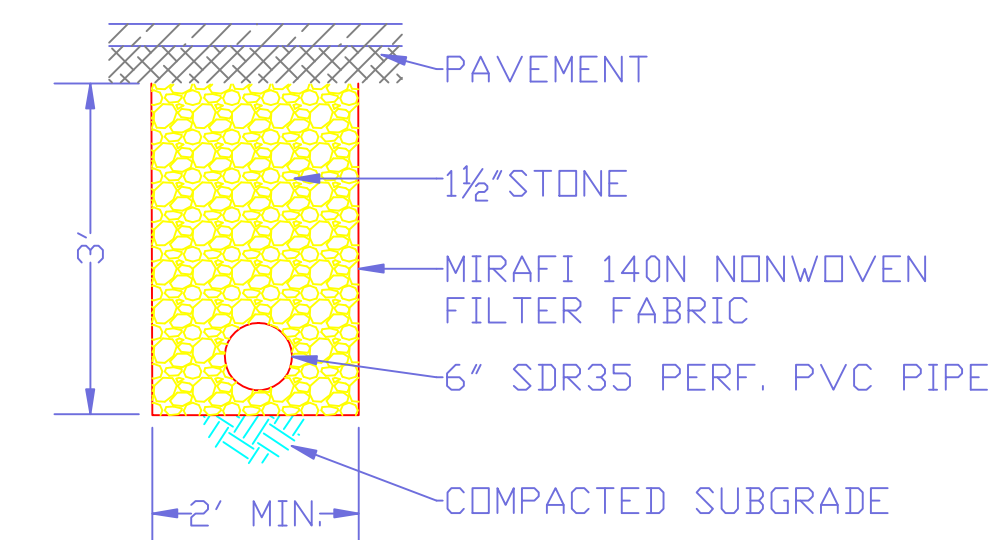
NEW DOCK LANDING SECTION



TYPICAL TIMBER PILE / WALE CONNECTIONS



CURTAIN DRAIN TYPICAL CROSS SECTION



General Notes

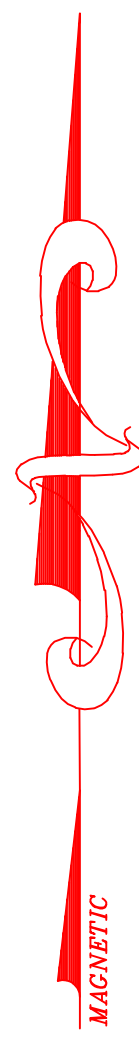
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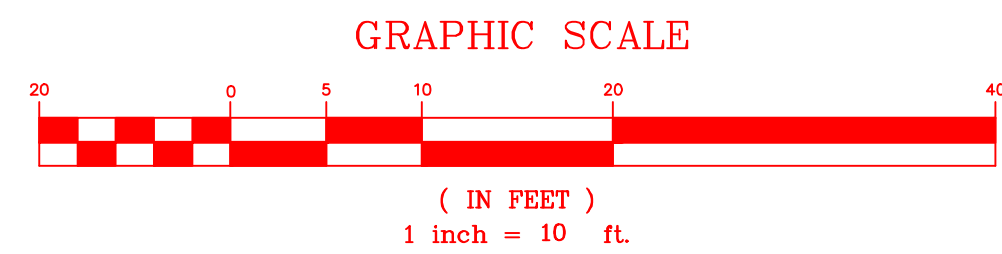
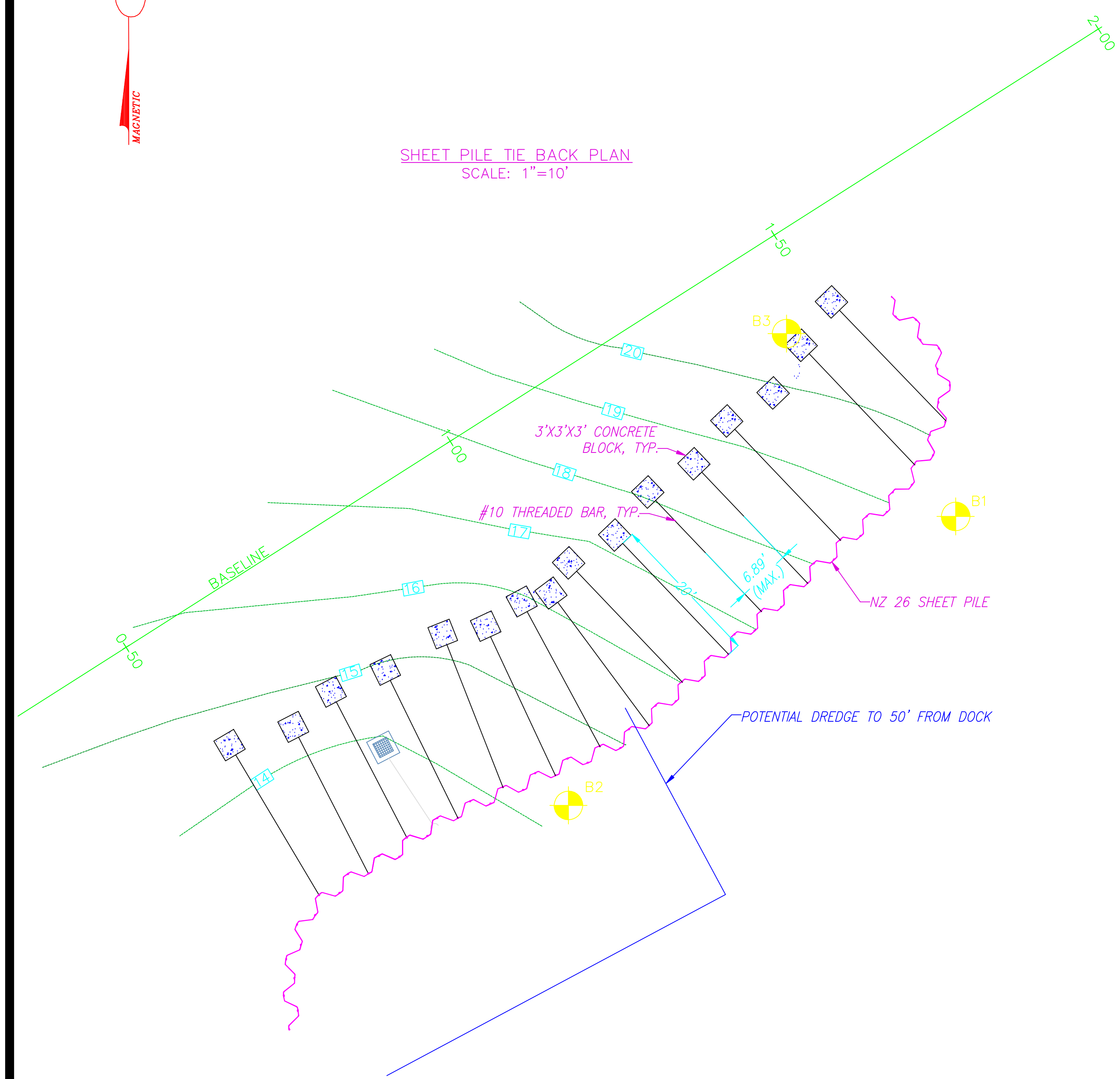
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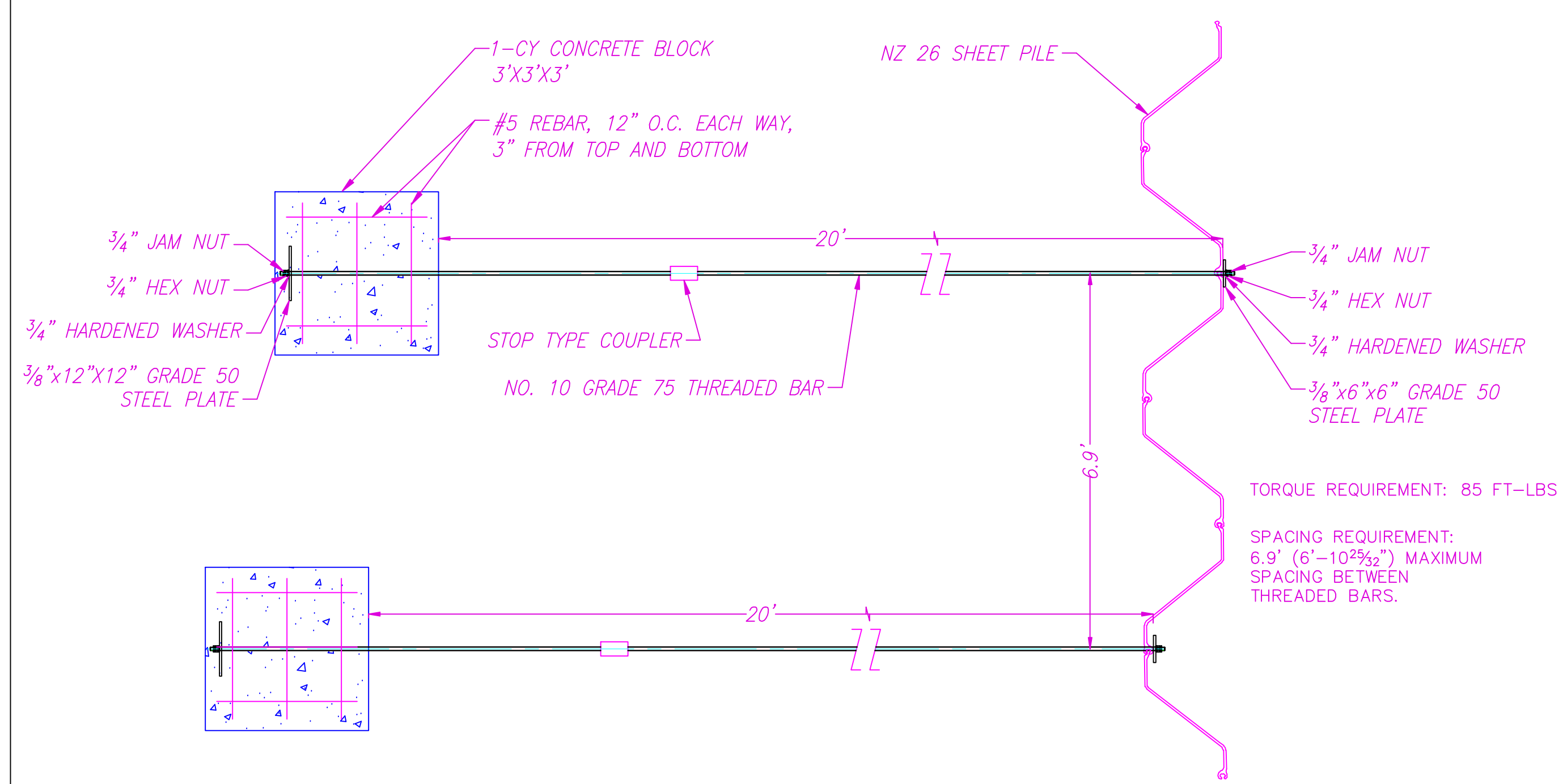
Project 2832	Sheet D-2
Date 10/18/21	Scale NTS



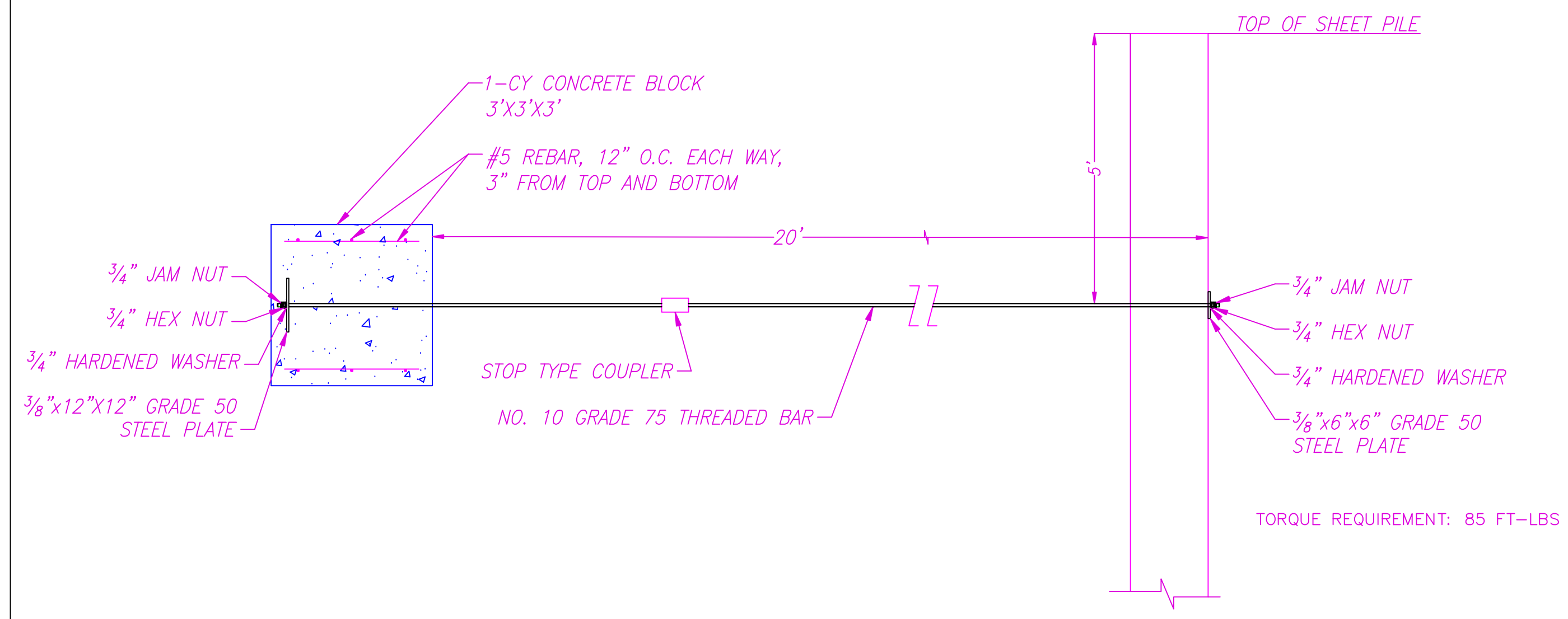
SHEET PILE TIE BACK PLAN
SCALE: 1"=10'



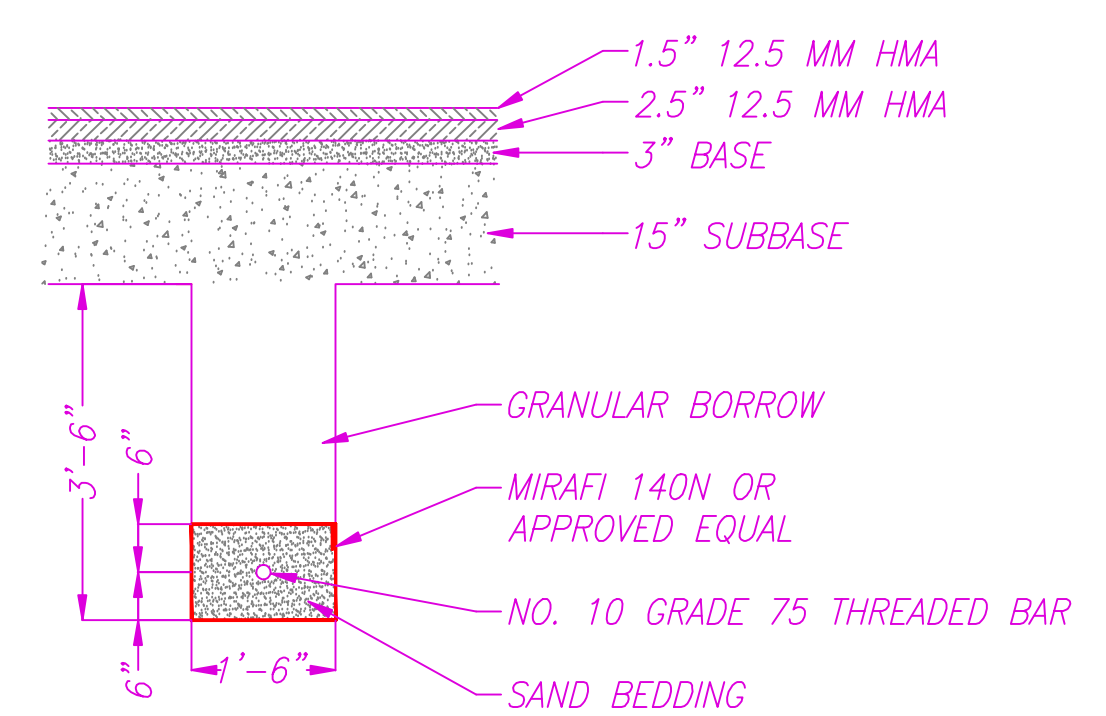
SHEET PILE TIE BACK DETAIL
PLAN VIEW
SCALE: 1/2"=1'



SHEET PILE TIE BACK DETAIL
CROSS SECTION
SCALE: 1/2"=1'



SHEET PILE TIE BACK DETAIL
TYPICAL TRENCH
SCALE: 1/2"=1'



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Project	2832	Sheet	D-3
Date	10/18/21	Scale	
Scale	AS NOTED		