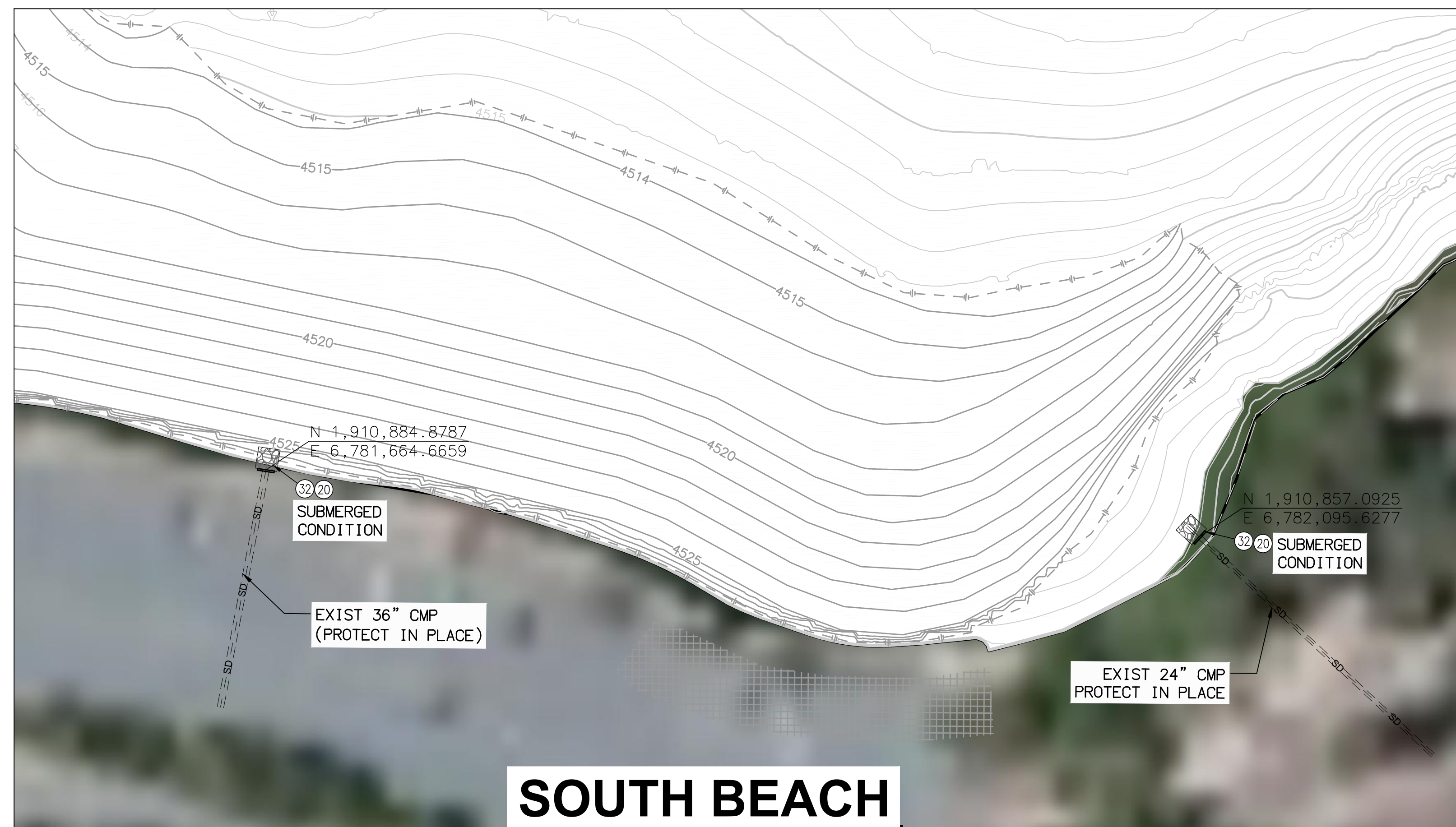
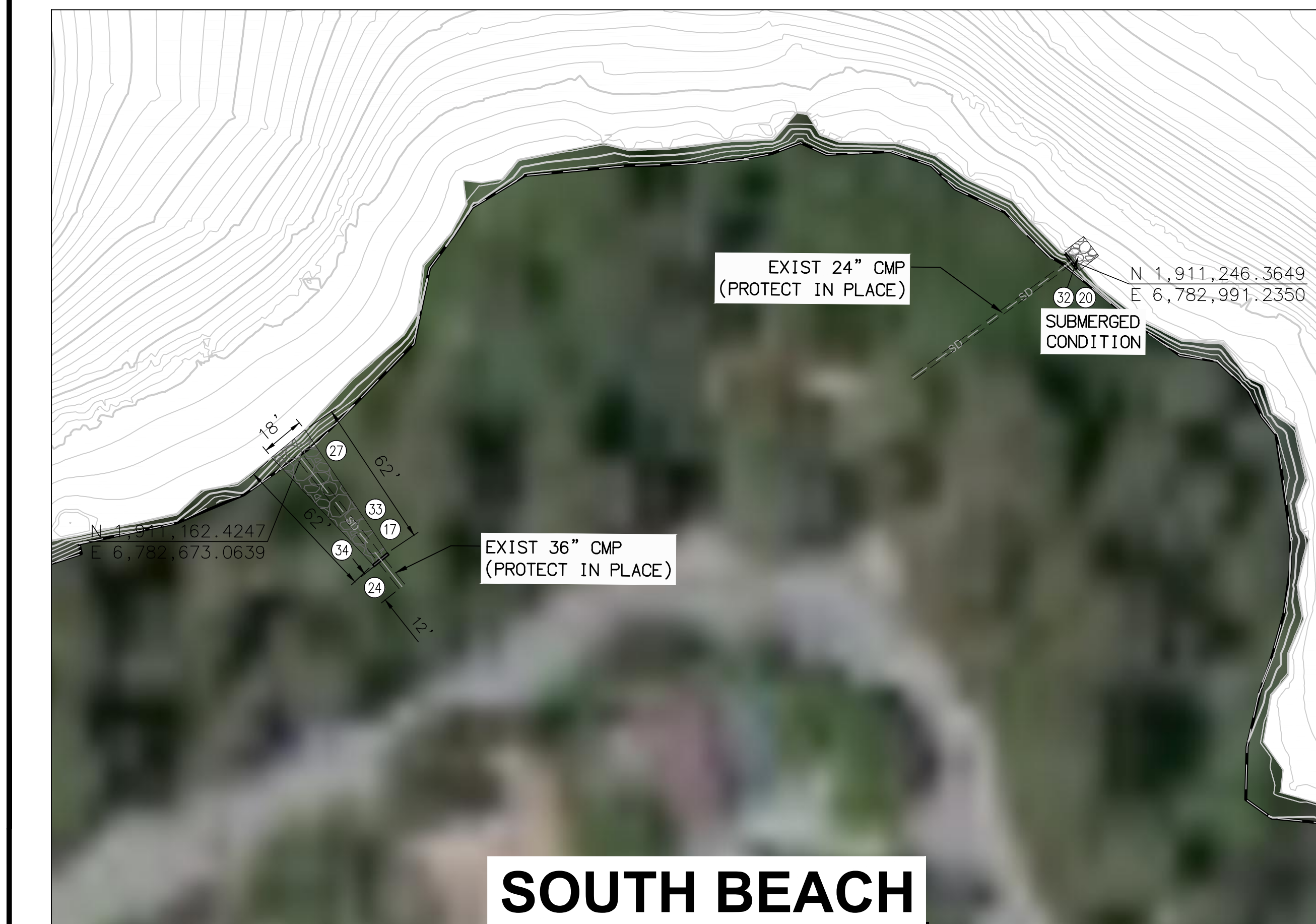




NOT FOR BID

EAST LAKE SIDE

SOUTH LAKE AND MORITZ CHANNEL/BASINS

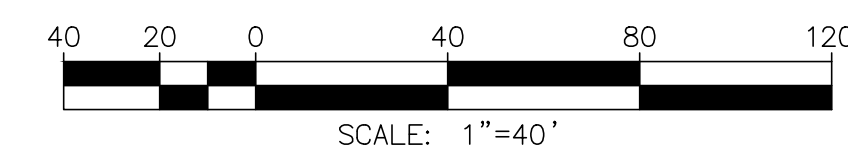
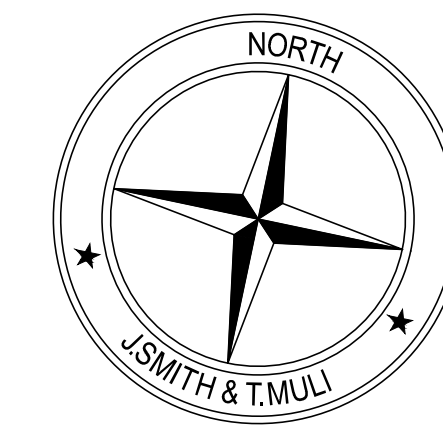


SOUTH BEACH

SOUTH BEACH

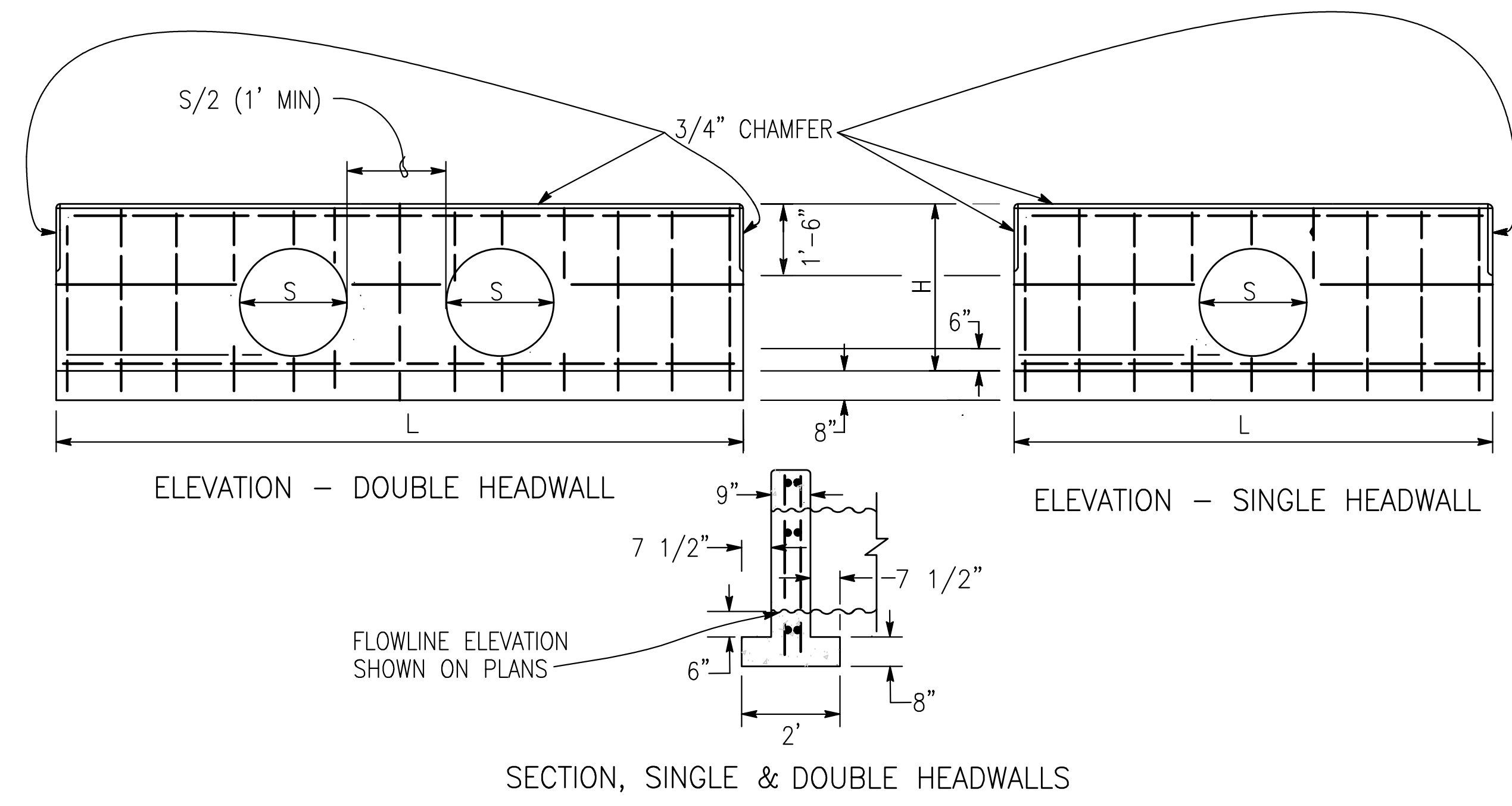
CONSTRUCTION NOTES

- 17 SAWCUT CMP AT PIPE PENETRATION POINT. INSTALL TYPE 2 STRAIGHT CONCRETE HEADWALL PER DETAIL 18 ON SHEET 13
- 20 CONSTRUCT 10'X10' RIPRAP ENERGY DISSIPATOR PER PLAN AND DETAIL 20 ON SHEET 14
- 21 REMOVE AND PROPERLY DISPOSE OF EXIST ABANDONED CMP SD
- 23 CONSTRUCT NEW 24" CMP PER PLAN AND DETAIL 29 ON SHEET 16
- 24 REMOVE EXIST SD PIPE TO LIMITS SHOWN
- 25 CONSTRUCT REINFORCED CONCRETE COLLAR PER SPPWC STD PLAN 380-4
- 26 ABANDON EXIST SD PIPE IN PLACE TO LIMITS SHOWN AND BACKFILL WITH CSLM PER SPPWC 306-12.3
- 27 CONSTRUCT RIP-RAP EROSION CONTROL BLANKET PER DETAIL 27 TYPE A ON SHEET 15
- 32 CONSTRUCT TYPE-1 STRAIGHT HEADWALL WITH CUTOFF WALL PER DETAIL 17 ON SHEET 13
- 33 CONSTRUCT PROTECTIVE RAILING PER SPPWC STD PLAN 606-4 AND DETAIL 18 ON SHEET 13
- 34 SAWCUT CMP AT PIPE PENETRATION POINT. INSTALL TYPE 1 STRAIGHT CONCRETE HEADWALL PER DETAIL 17 ON SHEET 13 AND CONSTRUCTION DETAIL 32 ON SHEET 16



<p>UNDERGROUND SERVICE ALERT</p> <p>Call: TOLL FREE 1-800-227-2600 OR 811</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<p>BENCHMARK:</p> <p>ELEVATIONS SHOWN HEREON ARE EXPRESSED IN THE U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88) AND DEFINED LOCALLY USING THE ORTHOMETRIC HEIGHT FOR CORS STATION EWPP. SITE BENCHMARK AT POINT NO. 7000 DERIVED FROM STATIC OBSERVATIONS. ELEVATION = 4587.05'</p>	<p>BASIS OF BEARINGS:</p> <p>BEARINGS SHOWN ON THIS MAP ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM, CCS83 (2011) EPOCH 2010.00, ZONE 05, DEFINED LOCALLY BY NGS PID'S EWPP, PS98, & P470 ACCORDING TO THE GEODETIC POSITIONS AS PUBLISHED BY NGS. ALL DISTANCES AND COORDINATES ARE REFERENCED TO CCS83 ZONE 05 GRID AND ARE EXPRESSED IN US SURVEY FOOT UNITS.</p>	<p>J. SMITH & T. MULI 33161 Camino Capistrano, Suite D, San Juan Capistrano, CA 92675 Phone: (949) 329.3639 • JSTMINC.COM</p> <p>JONIS C. SMITH 058654 09/08/2023 PROFESSIONAL ENGINEER R.C.E. No. DATE</p>	<p style="text-align: center;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> <th>APPR. DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE																<p style="text-align: center;">PLANS APPROVED BY: SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">APPROVALS</th> <th colspan="2">ASSISTANT DIRECTOR</th> <th colspan="2">DATE</th> </tr> <tr> <th>PROJECT MANAGER</th> <th>OPS. DIVISION MANAGER</th> <th>INITIAL</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	APPROVALS	ASSISTANT DIRECTOR		DATE		PROJECT MANAGER	OPS. DIVISION MANAGER	INITIAL	DATE											<p style="text-align: center;">IMPROVEMENT PLANS</p> <p style="text-align: center;">LAKE GREGORY SITEWIDE SEDIMENT MANAGEMENT PROJECT SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT CRESTLINE, CALIFORNIA</p> <p style="text-align: center;">PROPOSED IMPROVEMENTS AT EXISTING LAKE INLETS</p>	<p>DWG NO. XX.XX.XXXX</p> <p>FILE NO. XXX-XXX</p> <p>SHEET 12 OF 17</p>
MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE																																										
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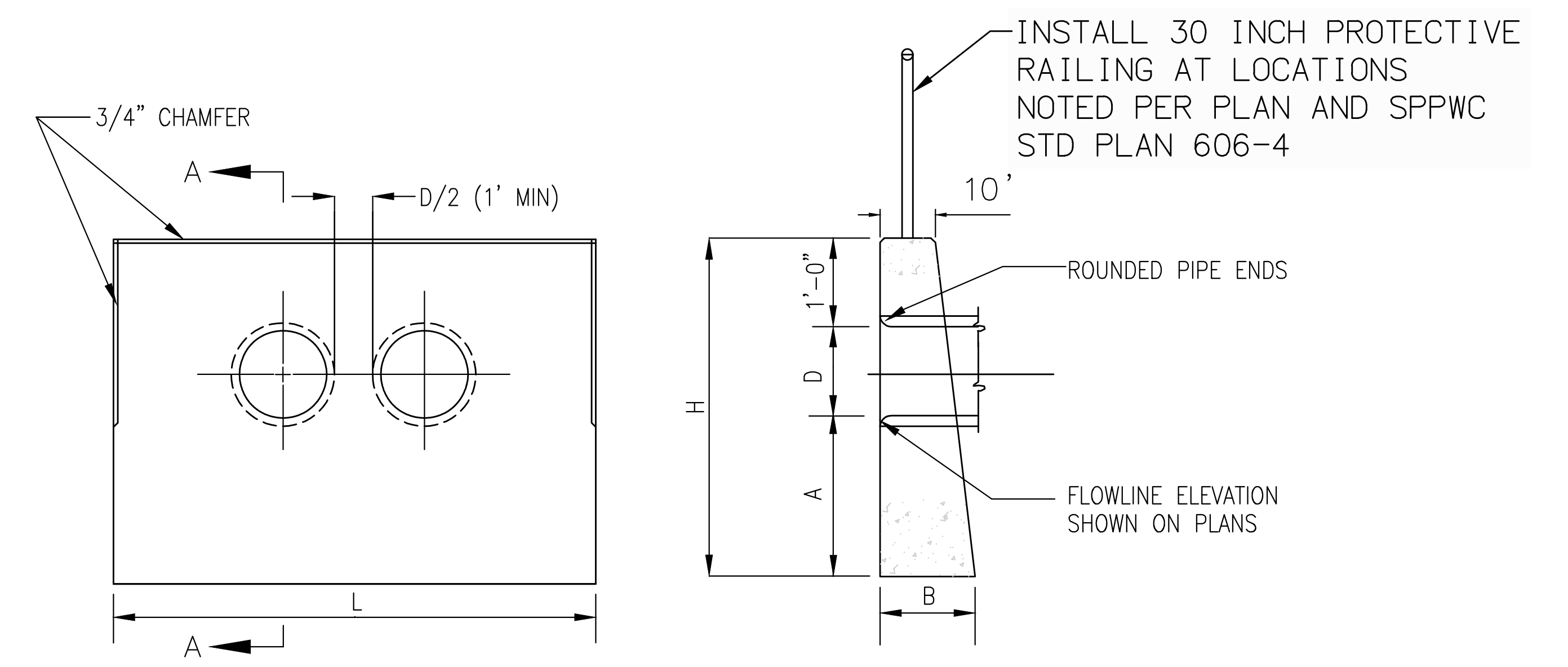
C:\Users\Tim Mulli\OneDrive\Documents\JSM\Operations\Projects\1025-SH-10-12\LAKE_INLETS.dwg 08/07/24 - 2:17pm Tim Mulli



C.S.P. SIZE (INCHES)	SINGLE				DOUBLE		
	H (FT/IN)	L (FT/IN)	STEEL (POUNDS)	CONCRETE (C.Y.)	L (FT/IN)	STEEL (POUNDS)	CONCRETE (C.Y.)
18	2'-7"	5'-6"	37	0.64	8'	52	0.91
21	2'-11"	6'-6"	45	0.80	10'	60	1.22
24	3'-2"	7'-6"	50	0.96	11'-6"	70	1.45
28	3'-4"	8'-6"	60	1.12	13'-6"	90	1.76
35	3'-8"	10'-6"	85	1.47	15'-6"	120	2.16
42	4'-1"	12'-6"	110	1.76	18'	145	2.57
49	4'-5"	14'-6"	130	2.26	21'	170	3.13
57	4'-10"	17'	155	2.81	24'-6"	210	3.86
64	5'-3"	19'	175	3.31	27'	230	4.42
71	5'-7"	21'	195	3.81	30'	255	5.09

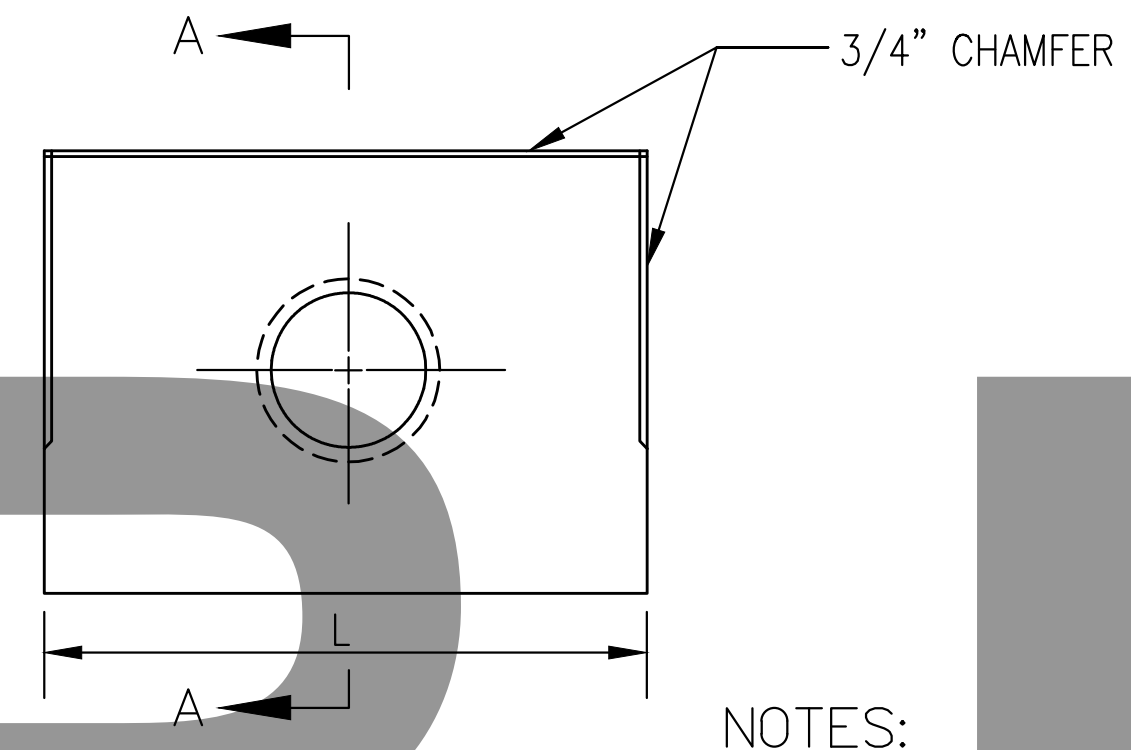
- NOTES:**
- CONCRETE SHALL BE 560-C-3250 WITH TYPE V PORTLAND CEMENT
 - ALL REINFORCING STEEL SHALL BE #4 BARS. ALL VERTICAL AND HORIZONTAL TIE BARS @18" MAXIMUM SPACING
 - EXPOSED CORNERS SHALL BE 3/4" CHAMFERED

17 STRAIGHT HEADWALL - TYPE 1
NOT TO SCALE



DOUBLE PIPE ELEVATION

SECTION A-A

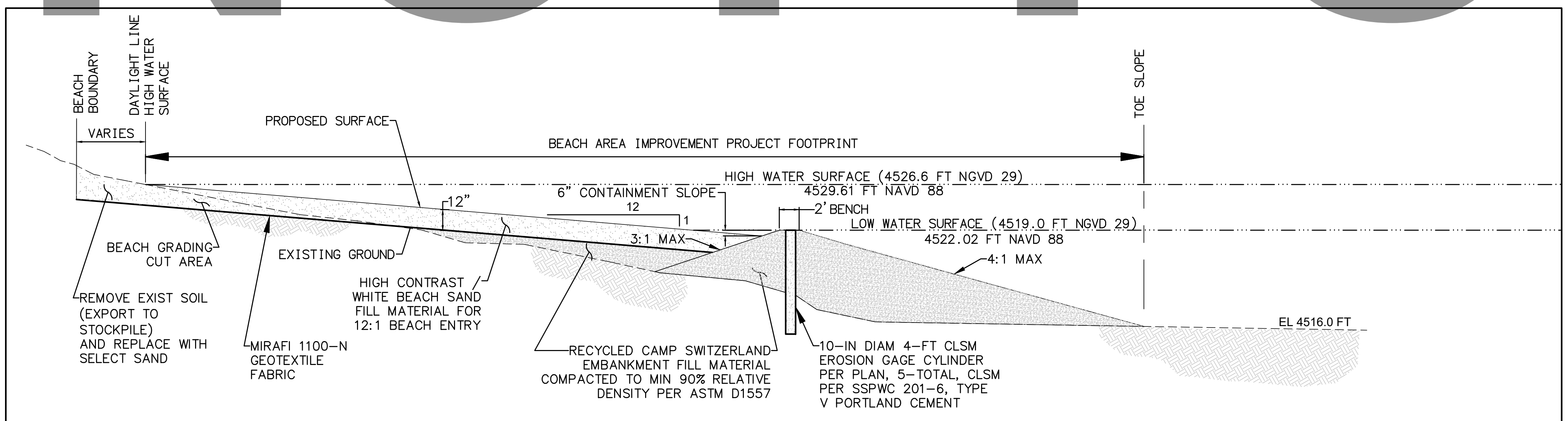


SINGLE PIPE ELEVATION

- NOTES:**
- CONCRETE SHALL BE 560-C-3250 WITH TYPE V PORTLAND CEMENT
 - EXPOSED CORNERS SHALL BE 3/4" CHAMFERED

D	A	B	H	SINGLE		DOUBLE	
				L	CONCRETE (C.Y.)	L	CONCRETE (C.Y.)
12"	2' MIN	1'	4' MIN	4'	0.45	5'-8"	.62
15"	2' MIN	1'-1"	4'-3" MIN	5'	0.63	7'-1"	.85
18"	2' MIN	1'-2"	4'-6" MIN	6'	0.83	8'-6"	1.12
24"	2'-6" MIN	1'-5"	5'-6" MIN	8'	1.54	11'-4"	2.09
30"	2'-6" MIN	1'-9"	6' MIN	10'	2.41	14'-2"	3.26
36"	3' MIN	2'	7' MIN	12'	3.74	17'	5.05

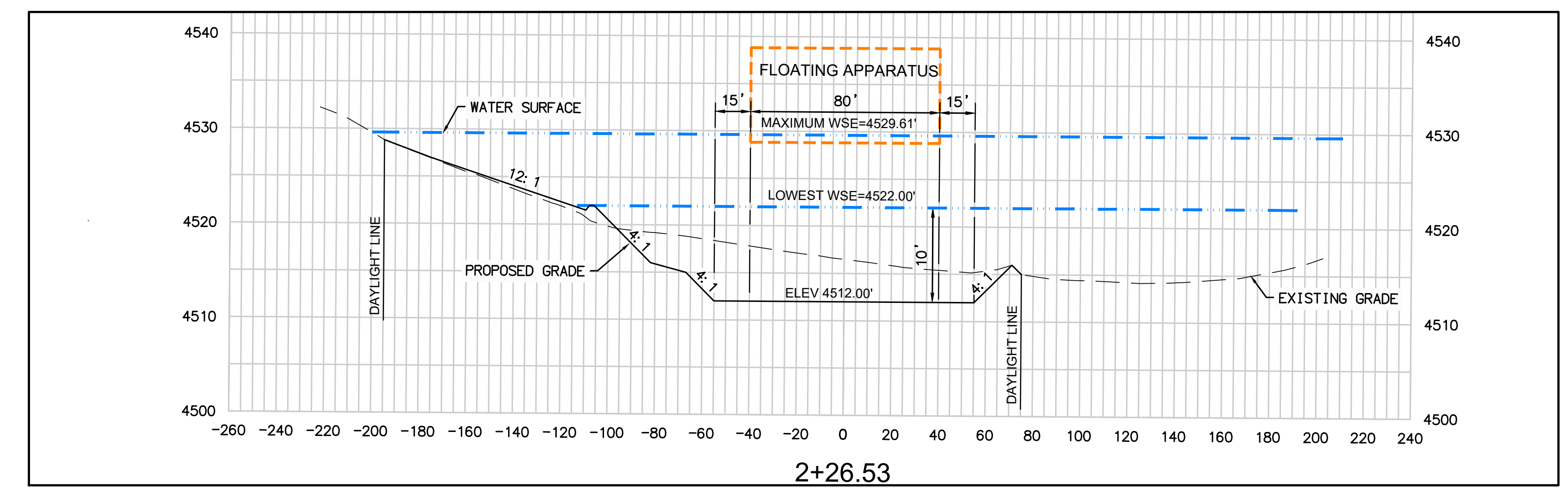
18 STRAIGHT HEADWALL - TYPE 2
NOT TO SCALE



BEACH SAND SPEC:
NATURAL WHITE COLOR, NATURALLY WEATHERED GRANULAR MATERIAL, SUB ANGULAR TO ROUNDED, NOT ACQUIRED FROM CRUSHED ROCK OR MANUFACTURED SOURCE(S), FREE FROM DELETERIOUS MATERIALS, FREE OF ORGANIC MATERIAL, MICA, LOAM, CLAY, AND OTHER MATERIALS NOT SUITABLE FOR INTENDED USE.

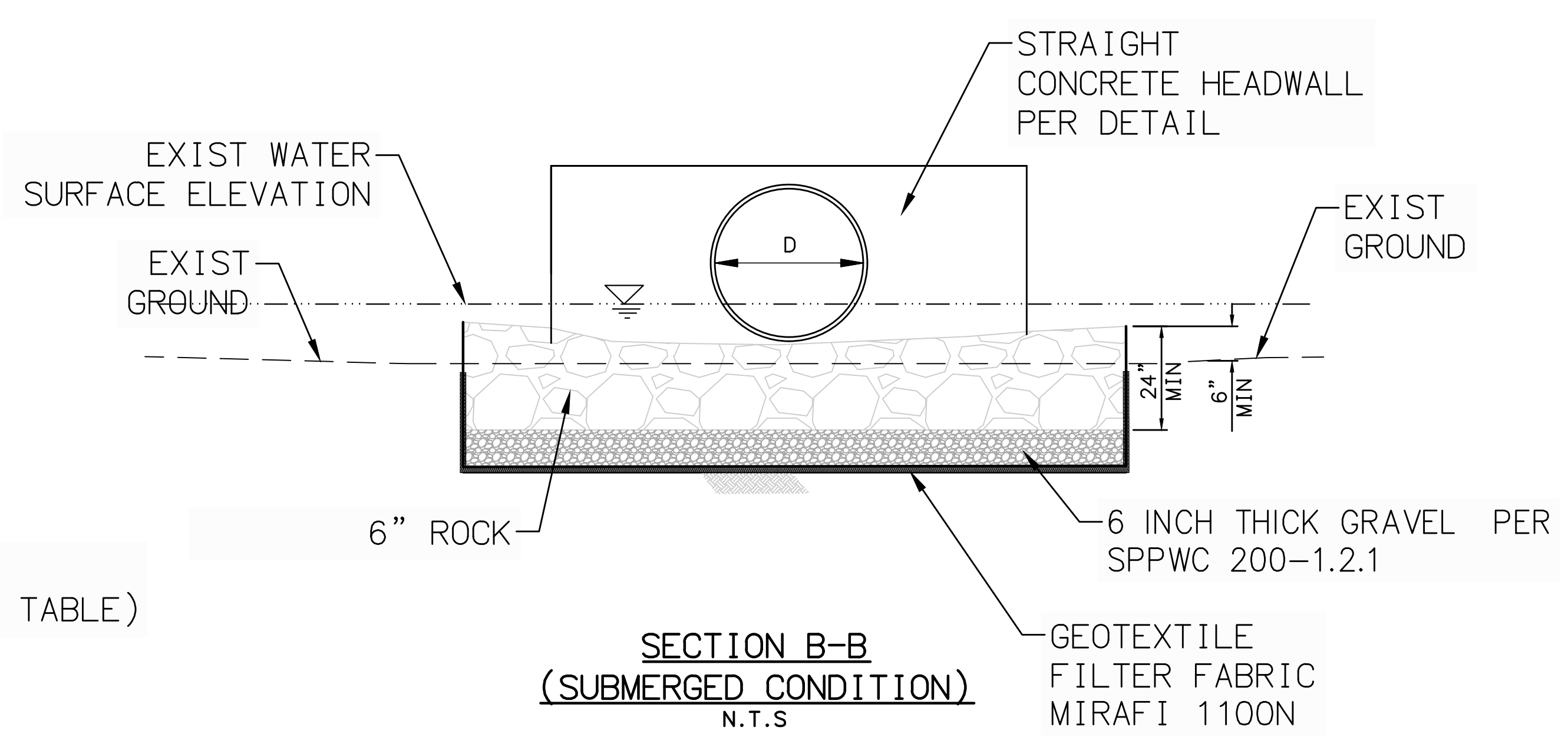
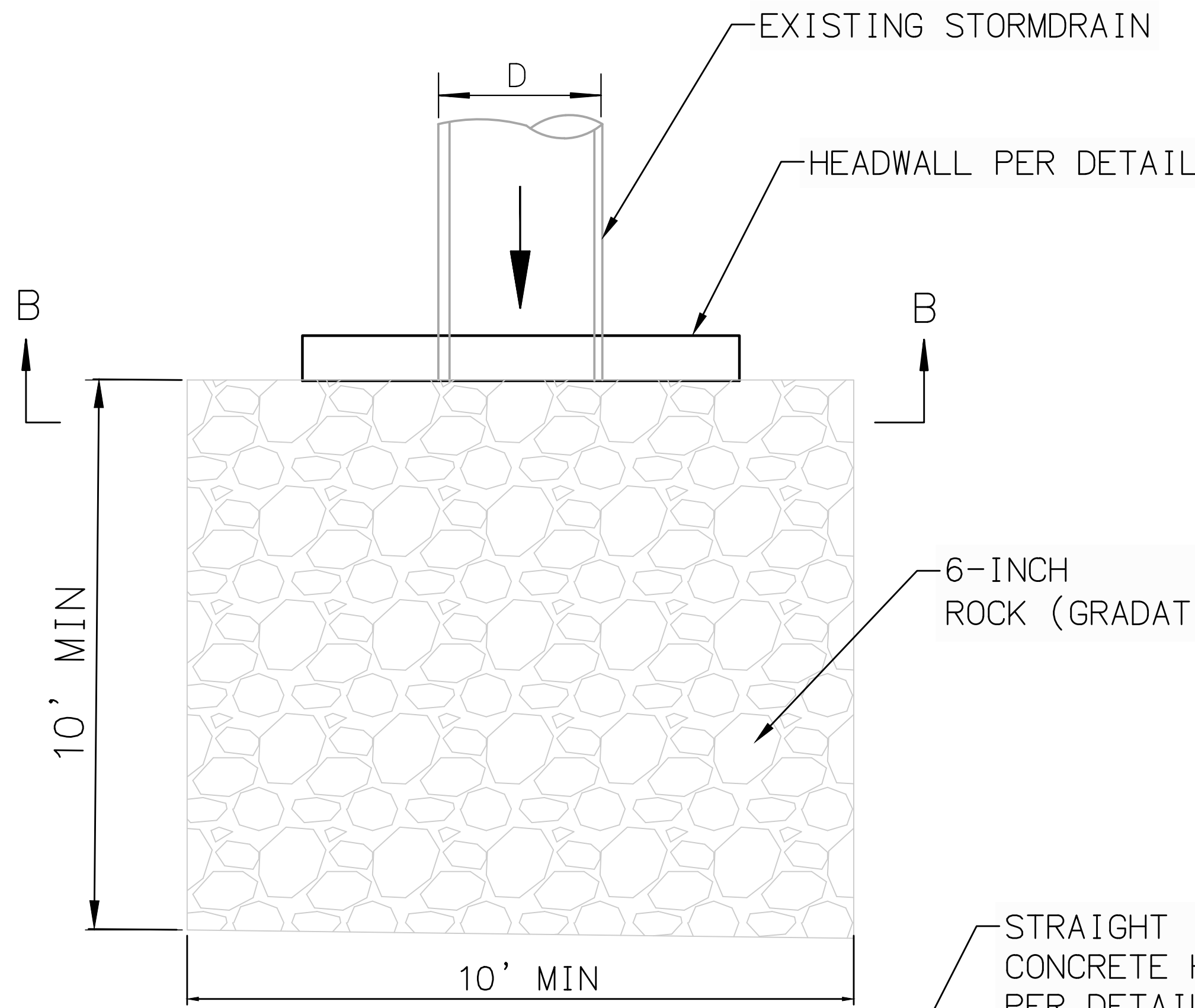
Material Sizes (% retained)	Grade	Gravel	V. Course	Course	Medium	Fine	V. Fine	Pan (Clay+Silt <0.05)
	Millimeter	2.0 mm	1.0 mm	0.5 mm	0.25 mm	0.15 mm	0.05 mm	
% By Weight	Screen	#10	#18	#35	#60	#100	#270	0-0.5%
		1-1.5%	8-10%	20-25%	25-30%	35-40%	0-3%	

A SECTION A-A: SAND BEACH ENTRY FILL SLOPE
(SEE SHEET 5)
NOT TO SCALE

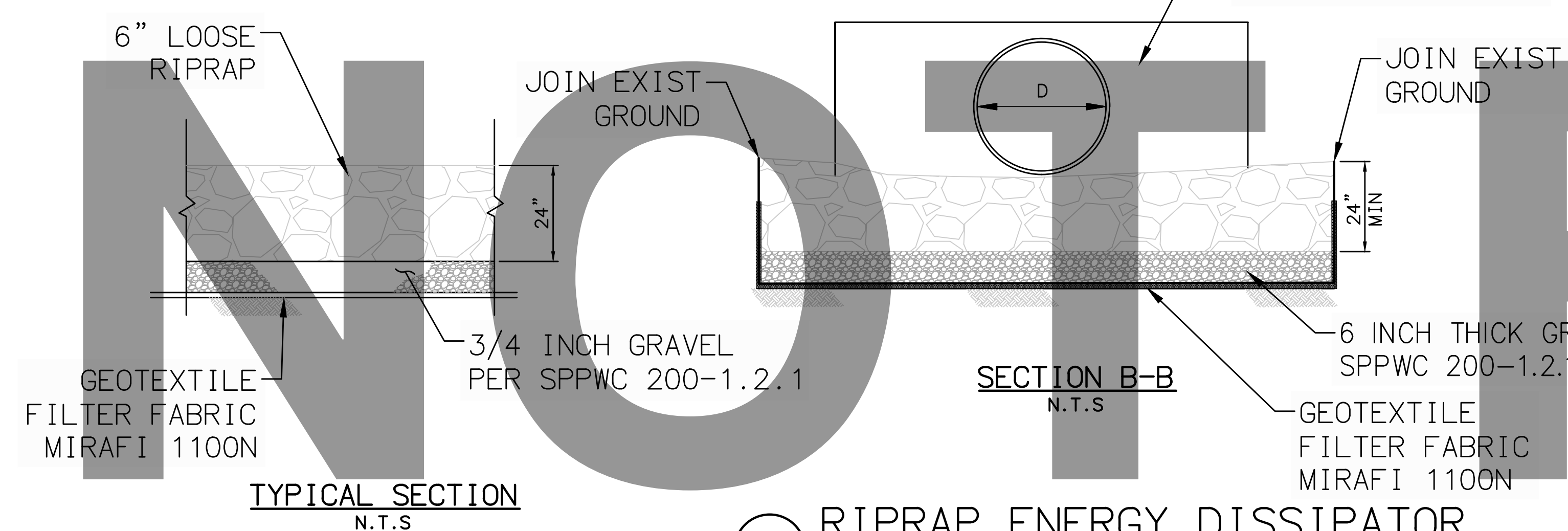


X SECTION X-X: FLOATING APPARATUS
(SEE SHEET 5)
VERTICAL SCALE: 1"=4'

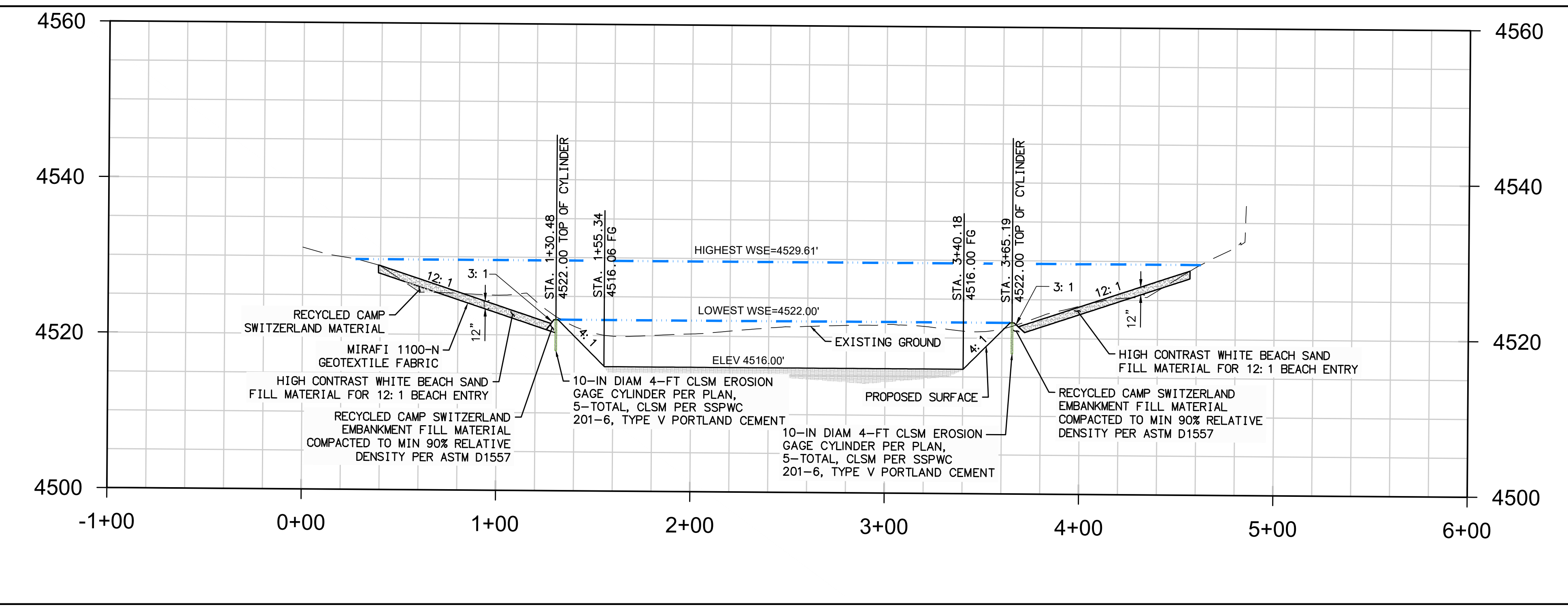
<p>UNDERGROUND SERVICE ALERT</p> <p>Call: TOLL FREE 1-800-227-2600 OR 811</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<p>BENCHMARK:</p> <p>ELEVATIONS SHOWN HEREON ARE EXPRESSED IN THE U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88) AND DEFINED LOCALLY USING THE ORTHOMETRIC HEIGHT FOR CORS STATION EWPP. SITE BENCHMARK AT POINT NO. 7000 DERIVED FROM STATIC OBSERVATIONS. ELEVATION = 4587.05'</p>	<p>BASIS OF BEARINGS:</p> <p>BEARINGS SHOWN ON THIS MAP ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM, CCS83 (2011) EPOCH 2010.00, ZONE 05, DEFINED LOCALLY BY NGS PID'S EWPP, PS98, & P470 ACCORDING TO THE GEODETIC POSITIONS AS PUBLISHED BY NGS. ALL DISTANCES AND COORDINATES ARE REFERENCED TO CCS83 ZONE 05 GRID AND ARE EXPRESSED IN US SURVEY FOOT UNITS.</p>	<p>J. SMITH & T. MULI</p> <p>33161 Camino Capistrano, Suite D, San Juan Capistrano, CA 92675 Phone: (949) 329.3639 • JSTMINC.COM</p> <p>JONIS C. SMITH 098654 09/08/2023 PROFESSIONAL ENGINEER R.C.E. No. DATE</p>	<p>REVISIONS</p> <table border="1"> <tr><th>MARK</th><th>DATE</th><th>INITIAL</th><th>DESCRIPTION</th><th>APPR. DATE</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE						<p>PLANS APPROVED BY: SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS</p> <p>ASSISTANT DIRECTOR DATE</p> <p>APPROVALS</p> <table border="1"> <tr><th>PROJECT MANAGER</th><th>INITIAL</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><th>OPS. DIVISION MANAGER</th><td> </td><td> </td></tr> <tr><th>PM. DIVISION MANAGER</th><td> </td><td> </td></tr> </table>	PROJECT MANAGER	INITIAL	DATE				OPS. DIVISION MANAGER			PM. DIVISION MANAGER			<p>IMPROVEMENT PLANS</p> <p>LAKE GREGORY SITEWIDE SEDIMENT MANAGEMENT PROJECT SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT CRESTLINE, CALIFORNIA</p> <p>DETAILS</p>	<p>DWG NO. XX.XX.XXXX</p> <p>FILE NO. XXX-XXX</p> <p>SHEET 13 OF 17</p>
MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE																									
PROJECT MANAGER	INITIAL	DATE																											
OPS. DIVISION MANAGER																													
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6-INCH ROCK GRADATION	
Sieve Size (Inches)	Percent Passing
6	100
5	80-100
4	50-85
3	20-60
2	10-30
1	0-10
0.5	0-5

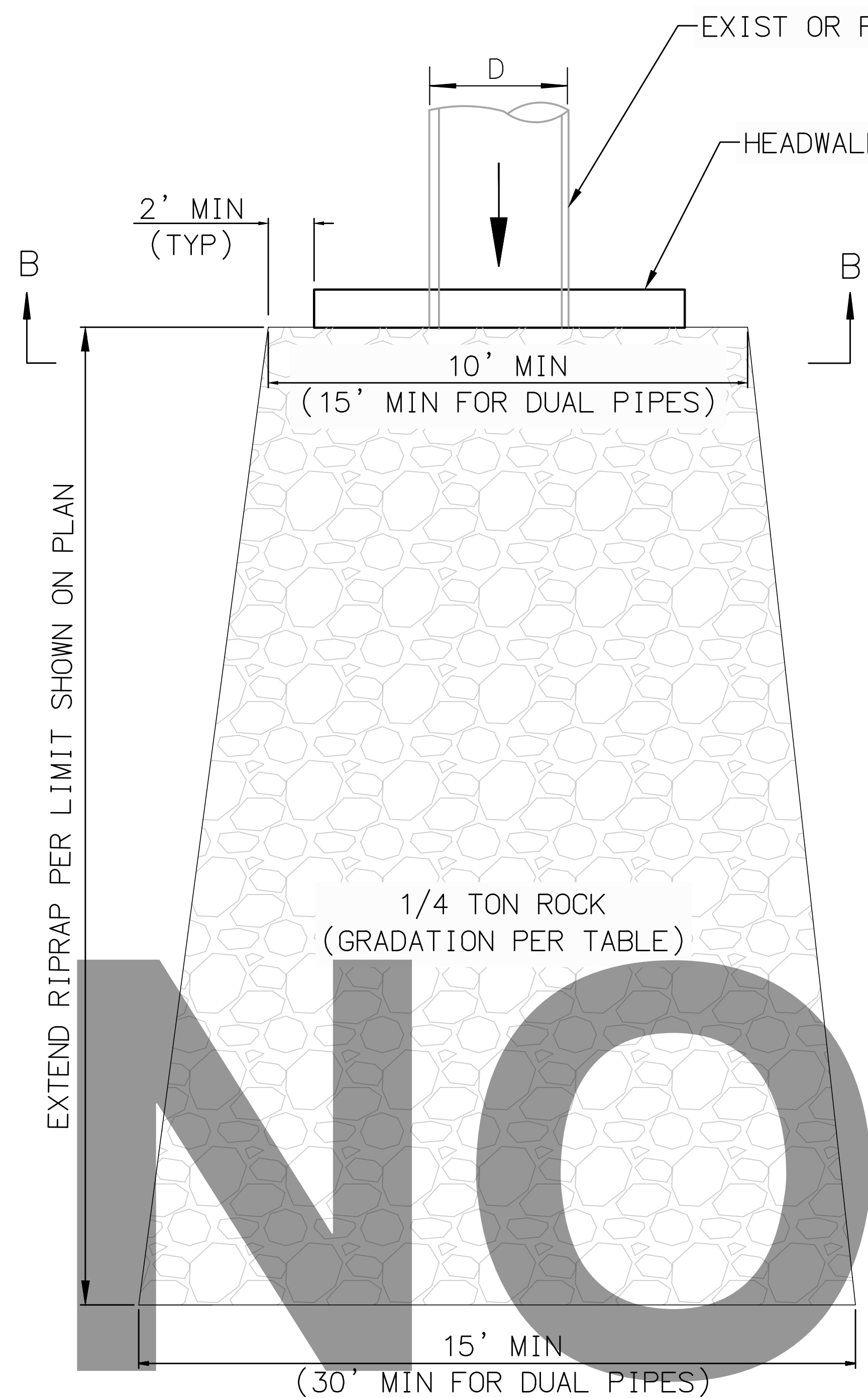


20 RIPRAP ENERGY DISSIPATOR
NOT TO SCALE

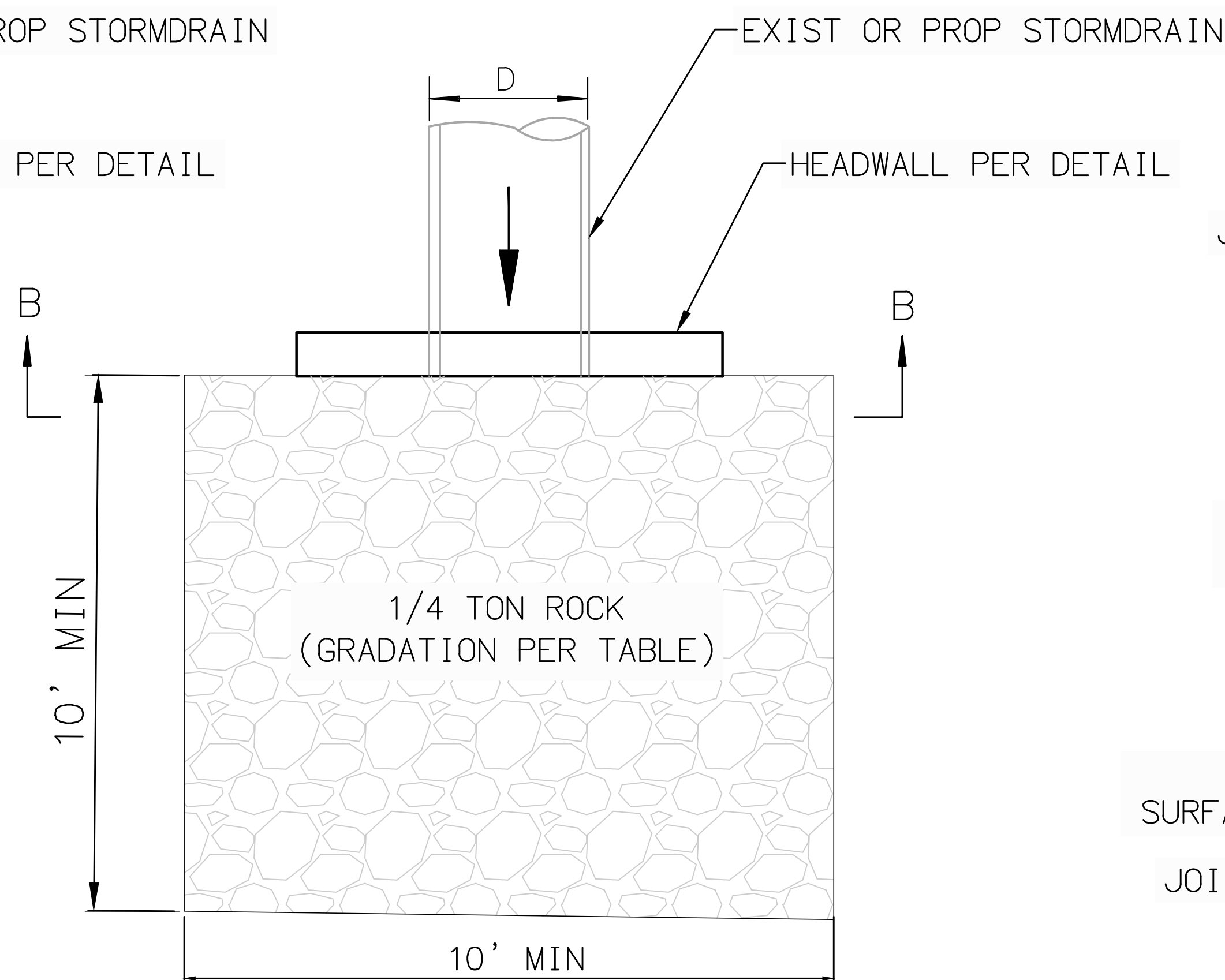


B SECTION B-B: LAKE CROSS SECTION
(SEE SHEET 5)
VERTICAL SCALE: 1"=4'

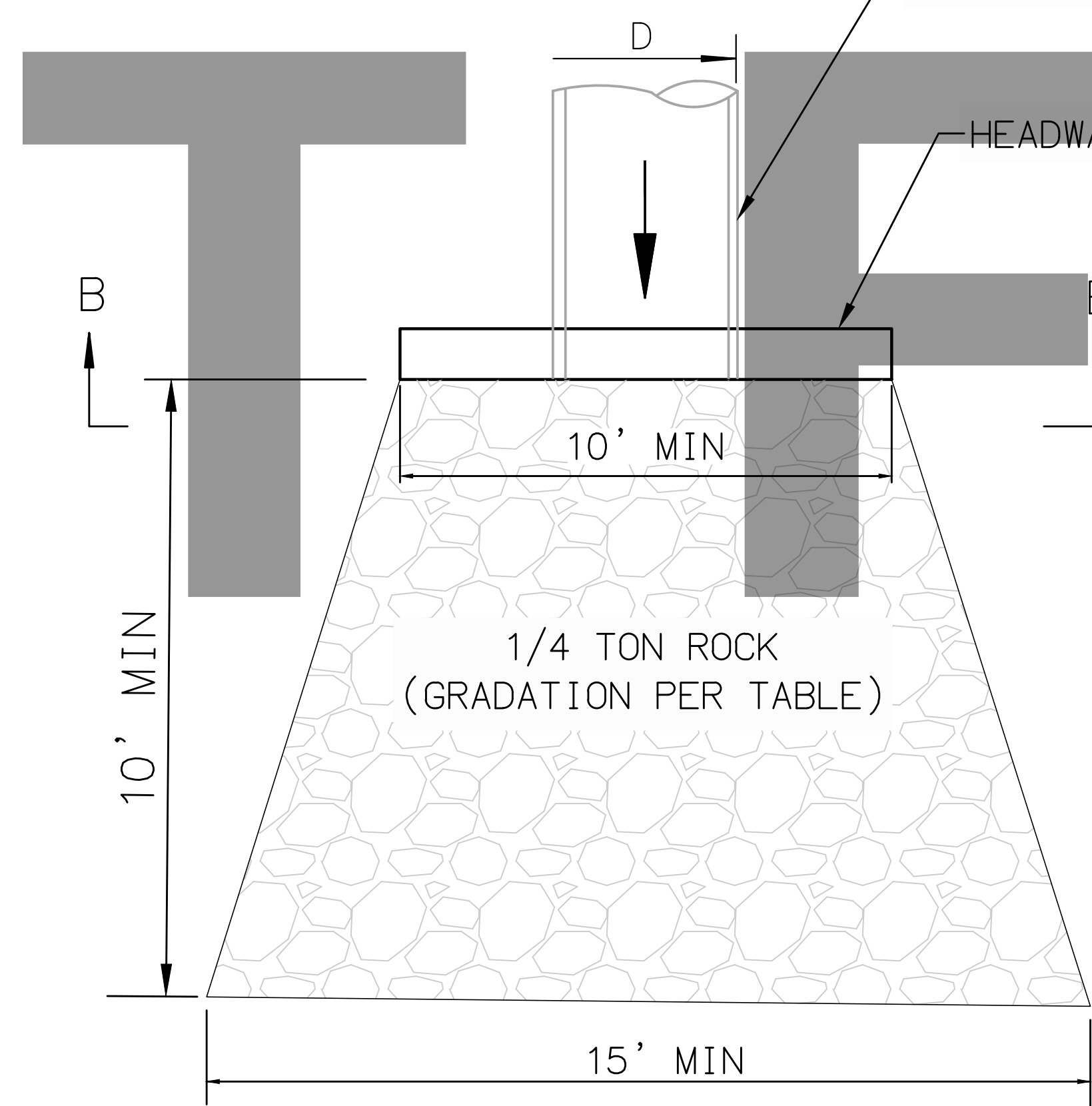
<p>UNDERGROUND SERVICE ALERT Call: TOLL FREE 1-800-227-2600 OR 811 TWO WORKING DAYS BEFORE YOU DIG</p>	<p>BENCHMARK: ELEVATIONS SHOWN HEREON ARE EXPRESSED IN THE U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88) AND DEFINED LOCALLY USING THE ORTHOMETRIC HEIGHT FOR CORS STATION EWPP. SITE BENCHMARK AT POINT NO. 7000 DERIVED FROM STATIC OBSERVATIONS. ELEVATION = 4587.05'</p>	<p>BASIS OF BEARINGS: BEARINGS SHOWN ON THIS MAP ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM, CCS83 (2011) EPOCH 2010.00, ZONE 05, DEFINED LOCALLY BY NGS PID'S EWPP, PS98, & P470 ACCORDING TO THE GEODETIC POSITIONS AS PUBLISHED BY NGS. ALL DISTANCES AND COORDINATES ARE REFERENCED TO CCS83 ZONE 05 GRID AND ARE EXPRESSED IN US SURVEY FOOT UNITS.</p>	<p>J. SMITH & T. MULI 33161 Camino Capistrano, Suite D, San Juan Capistrano, CA 92675 Phone: (949) 329.3639 • JSTMINC.COM JONIS C SMITH 058654 09/08/2023 PROFESSIONAL ENGINEER R.C.E. No. DATE</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> <th>APPR. DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE						<p>PLANS APPROVED BY: SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS</p> <table border="1"> <thead> <tr> <th>ASSISTANT DIRECTOR</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	ASSISTANT DIRECTOR	DATE			<p>IMPROVEMENT PLANS</p> <p>LAKE GREGORY SITEWIDE SEDIMENT MANAGEMENT PROJECT SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT CRESTLINE, CALIFORNIA</p> <p>DETAILS</p>	<p>DWG NO. XX.XX.XXXX</p> <p>FILE NO. XXX-XXX</p> <p>SHEET 14 OF 17</p>
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RIPRAP LAYOUT TYPE A

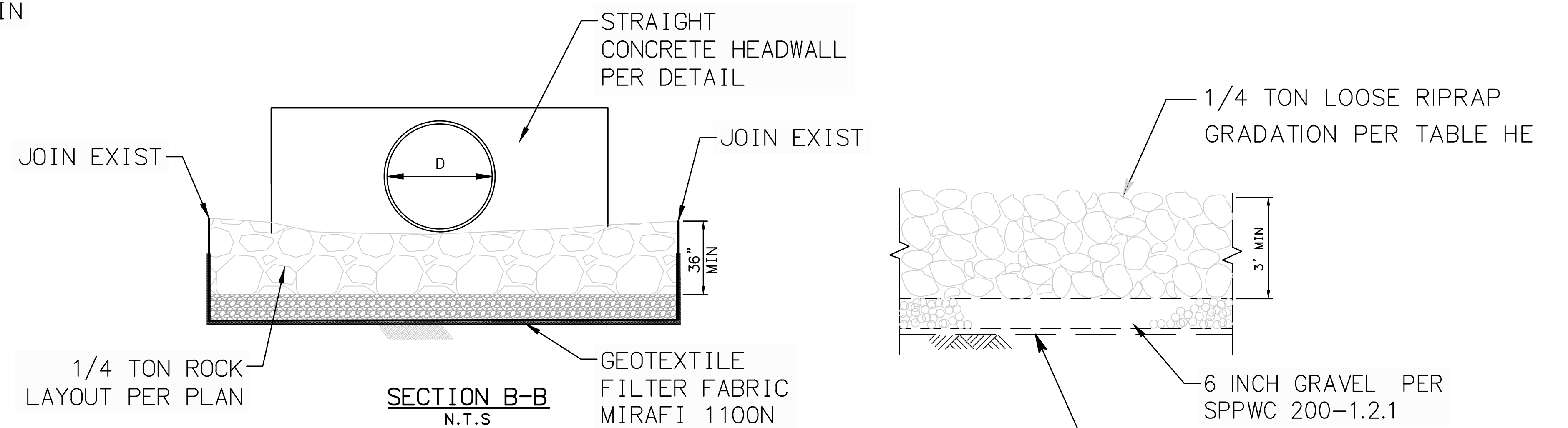


RIPRAP LAYOUT TYPE B



RIPRAP LAYOUT TYPE C

27 LOOSE RIPRAP
NOT TO SCALE

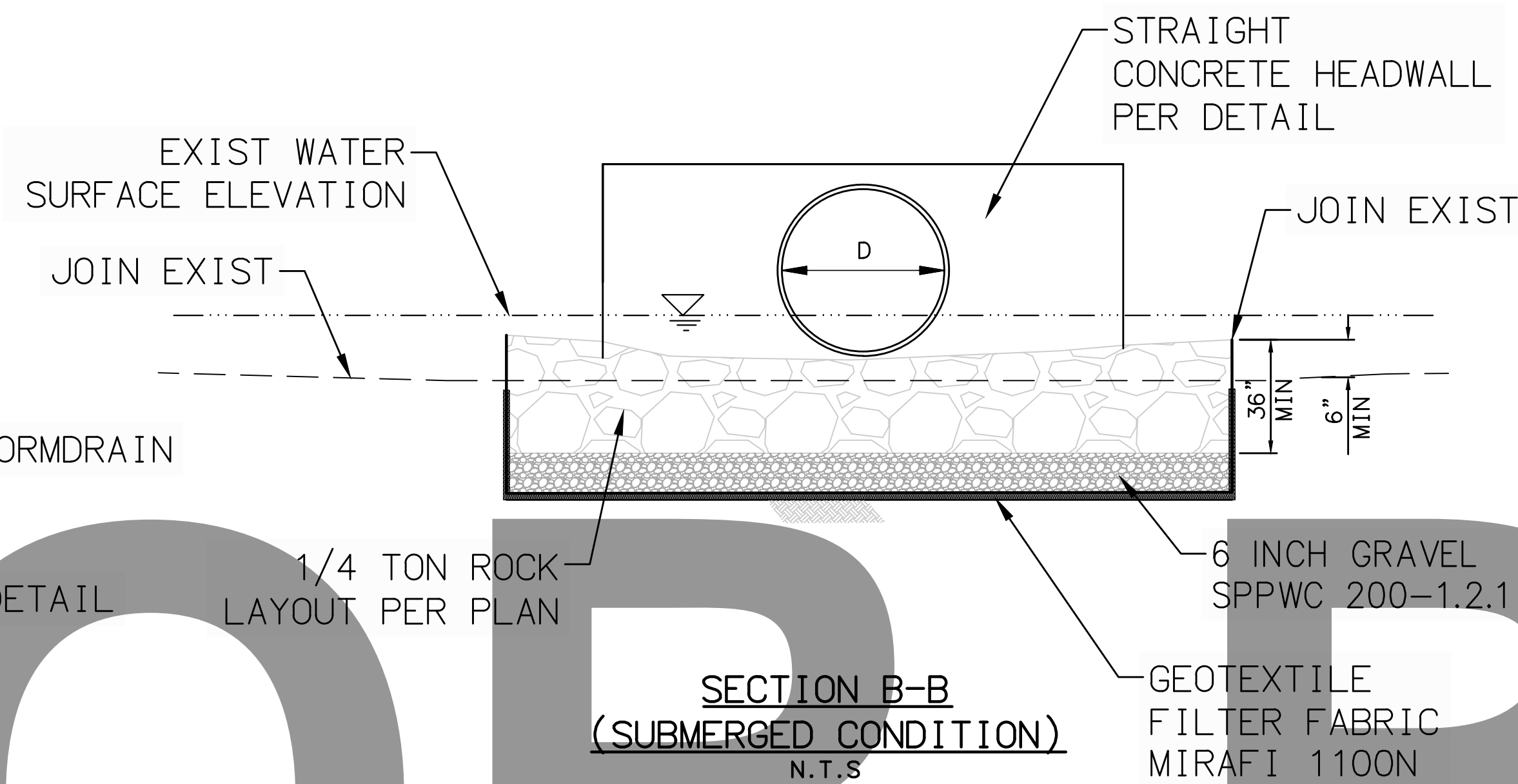


SECTION B-B
N.T.S.

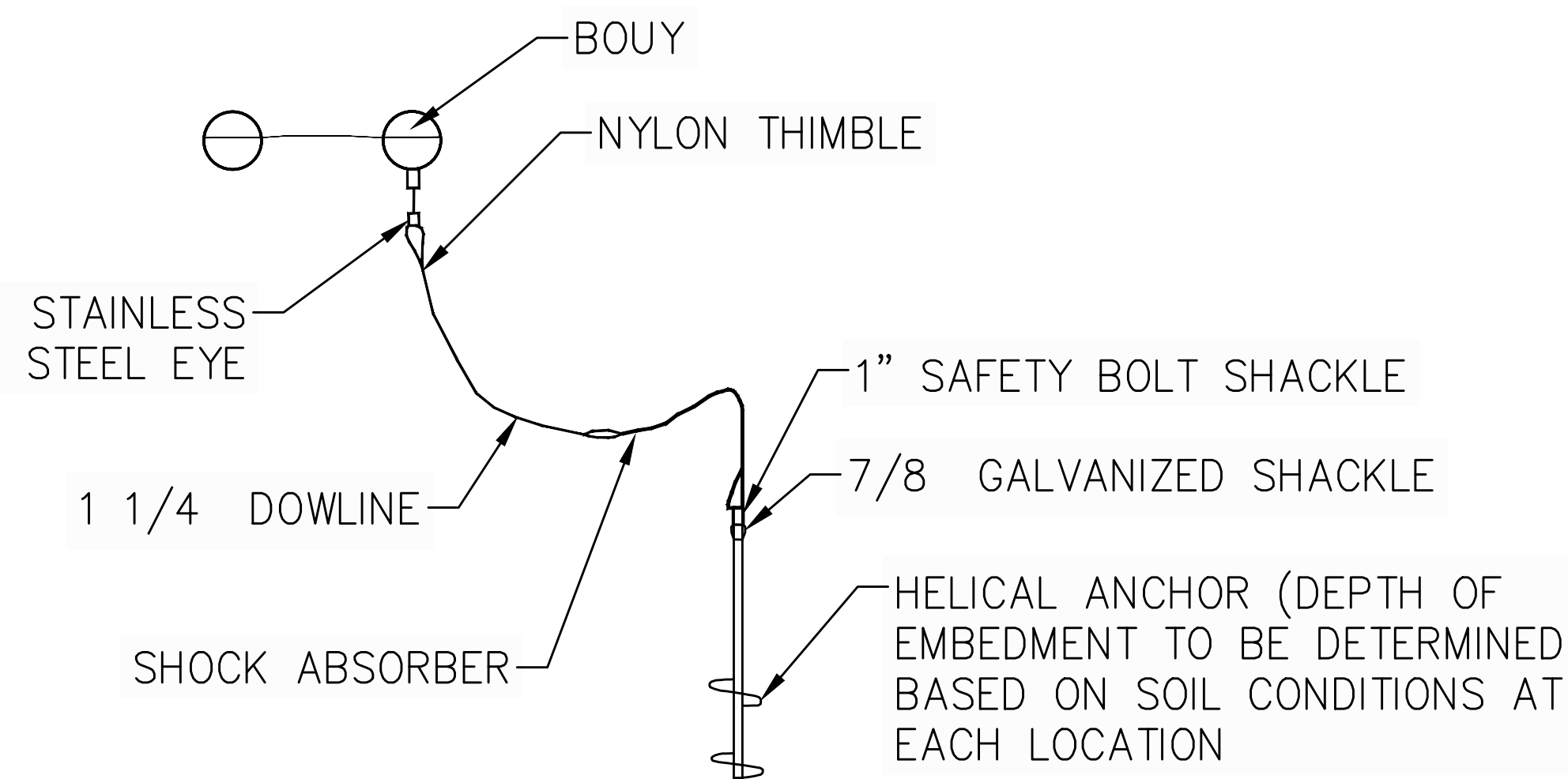
TYPICAL SECTION
N.T.S.

1/4 TON ROCK GRADATION TABLE

WEIGHT	PERCENT LIGHTER THAN
1800#	100%
700	90 - 100
500	50 - 90
200	0 - 15



SECTION B-B
(SUBMERGED CONDITION)
N.T.S.



30 BOUY LINE ANCHORAGE
NOT TO SCALE

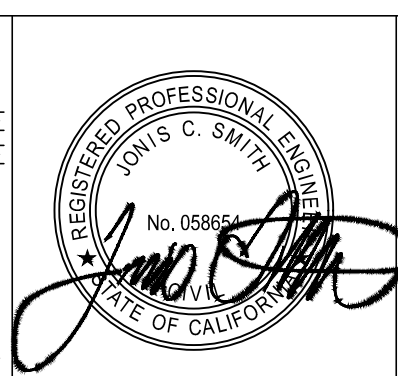
NOTES:

1. ANCHOR SYSTEMS MUST PROVIDE AT LEAST 500 POUNDS OF UPWARD LOAD PRESSURE
2. A ROCK-PENETRATING HELICAL EMBEDMENT ANCHOR (GALVANIZED STEEL) SHALL BE USED. ANCHOR SHALL BE EMBEDDED A MINIMUM OF 1' INTO ROCK SUBSTRATE.
3. MINIMUM ANCHOR LENGTH 5', MINIMUM HELICAL DISC SIZE 6", AND MINIMUM SHAFT DIAMETER OF 1-1/4"
4. THE ATTACHMENT EYE SHALL BE NO MORE THAN 6" ABOVE THE SUBSTRATE
5. EXTENSIONS MAY BE REQUIRED IN ORDER TO ACHIEVE 500 POUNDS OF RESISTING FORCE



BENCHMARK:
ELEVATIONS SHOWN HEREON ARE EXPRESSED IN THE U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88) AND DEFINED LOCALLY USING THE ORTHOMETRIC HEIGHT FOR CORS STATION EWPP. SITE BENCHMARK AT POINT NO. 7000 DERIVED FROM STATIC OBSERVATIONS. ELEVATION = 4587.05'

BASIS OF BEARINGS:
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Phone: (949) 329.3639 · JSTMINC.COM
JONIS C. SMITH 058854 09/08/2023
PROFESSIONAL ENGINEER R.C.E. No. DATE

MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE

PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS

ASSISTANT DIRECTOR	DATE

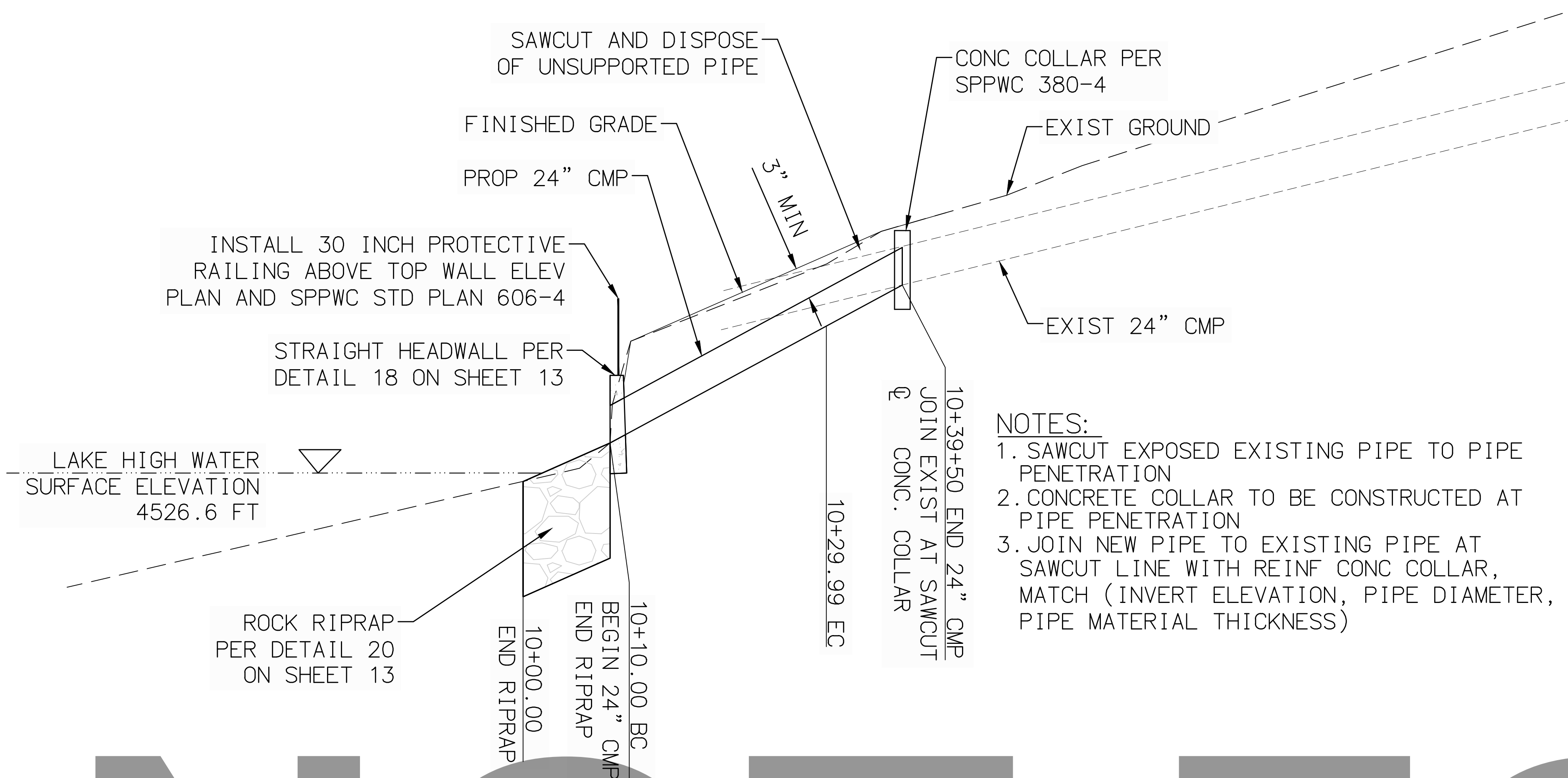
APPROVALS

PROJECT MANAGER	INITIAL	DATE
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IMPROVEMENT PLANS
LAKE GREGORY SITEWIDE SEDIMENT MANAGEMENT PROJECT
SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT
CRESTLINE, CALIFORNIA
DETAILS

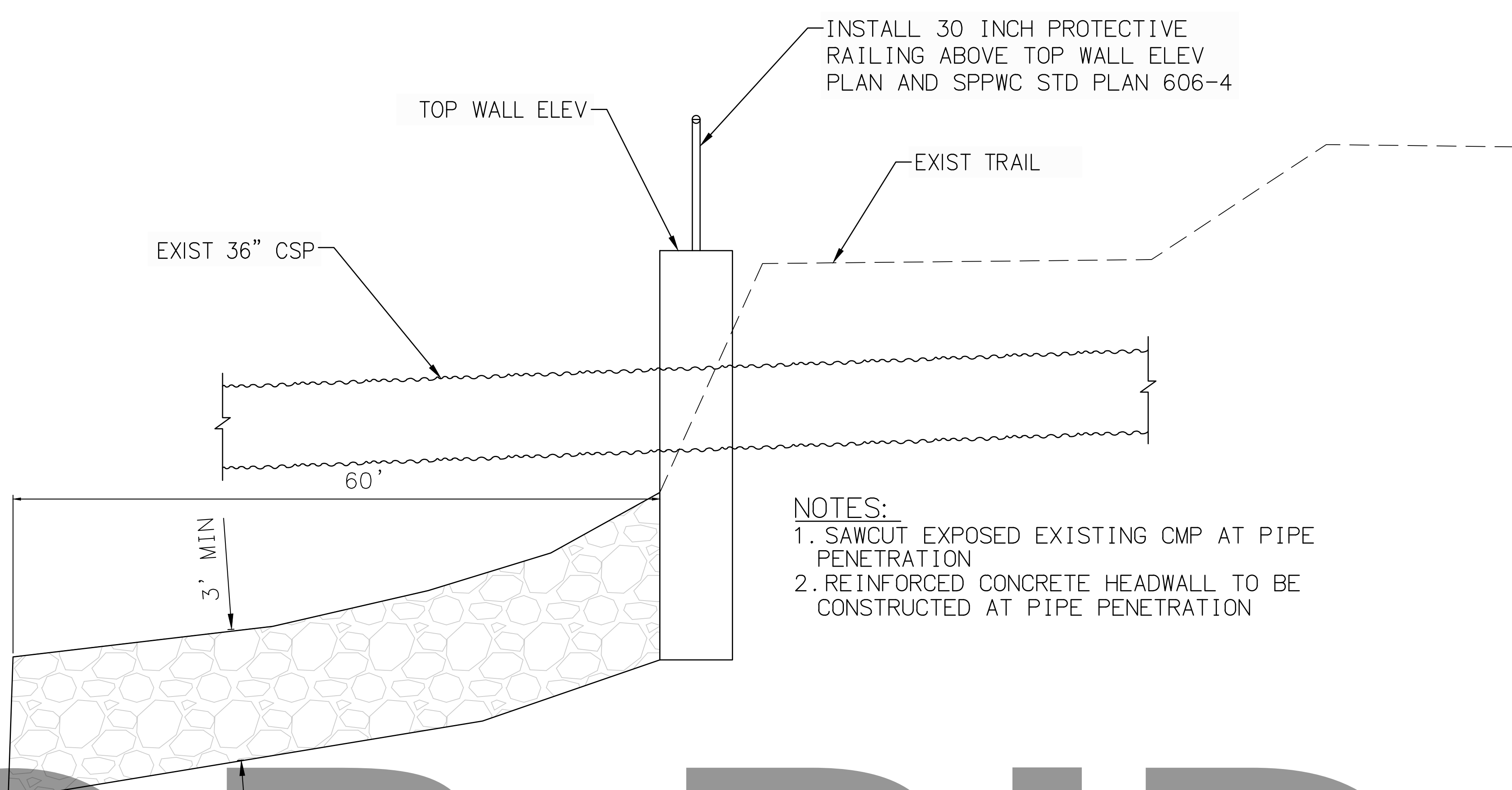
DWG NO. XX.XX.XXXX
FILE NO. XXX-XXX
SHEET 15 OF 17

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NOTES:

1. SAWCUT EXPOSED EXISTING PIPE TO PIPE PENETRATION
2. CONCRETE COLLAR TO BE CONSTRUCTED AT PIPE PENETRATION
3. JOIN NEW PIPE TO EXISTING PIPE AT SAWCUT LINE WITH REINF CONC COLLAR, MATCH (INVERT ELEVATION, PIPE DIAMETER, PIPE MATERIAL THICKNESS)



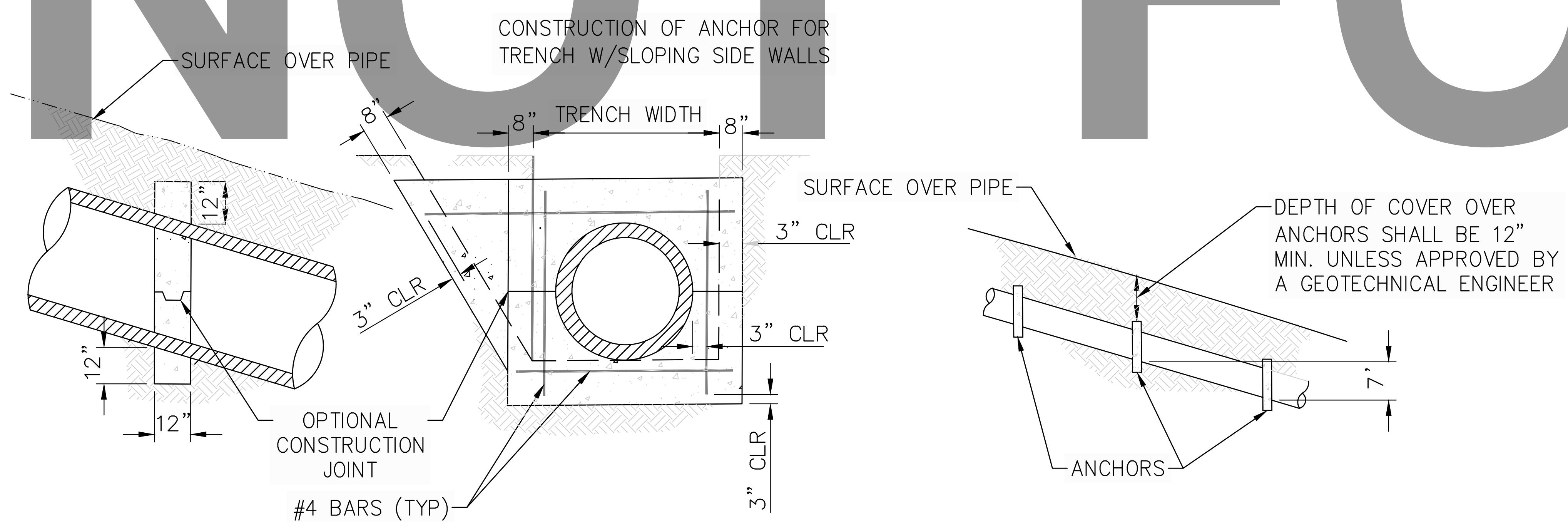
NOTES:

1. SAWCUT EXPOSED EXISTING CMP AT PIPE PENETRATION
2. REINFORCED CONCRETE HEADWALL TO BE CONSTRUCTED AT PIPE PENETRATION

NOT FOR BID

29 STORM DRAIN CONSTRUCTION DETAIL NOT TO SCALE

32 STORM DRAIN PIPE LAYOUT NOT TO SCALE



NOTES:

1. PIPE ANCHORS SHALL BE CONSTRUCTED AT 7 FEET VERTICAL INTERVAL ON ALL SLOPES OF 5: 1 OR STEEPER.
2. ALL REINFORCING STEEL SHALL BE #4 BARS
3. CONCRETE STRENGTH AND TYPE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 201-1.1.2 AND SECTION 201-1.1.3 OF THE GREENBOOK. IN ADDITION, PORTLAND CEMENT SHALL CONFORM TO THE REQUIREMENTS OF SECTION 201-1 OF THE GREENBOOK

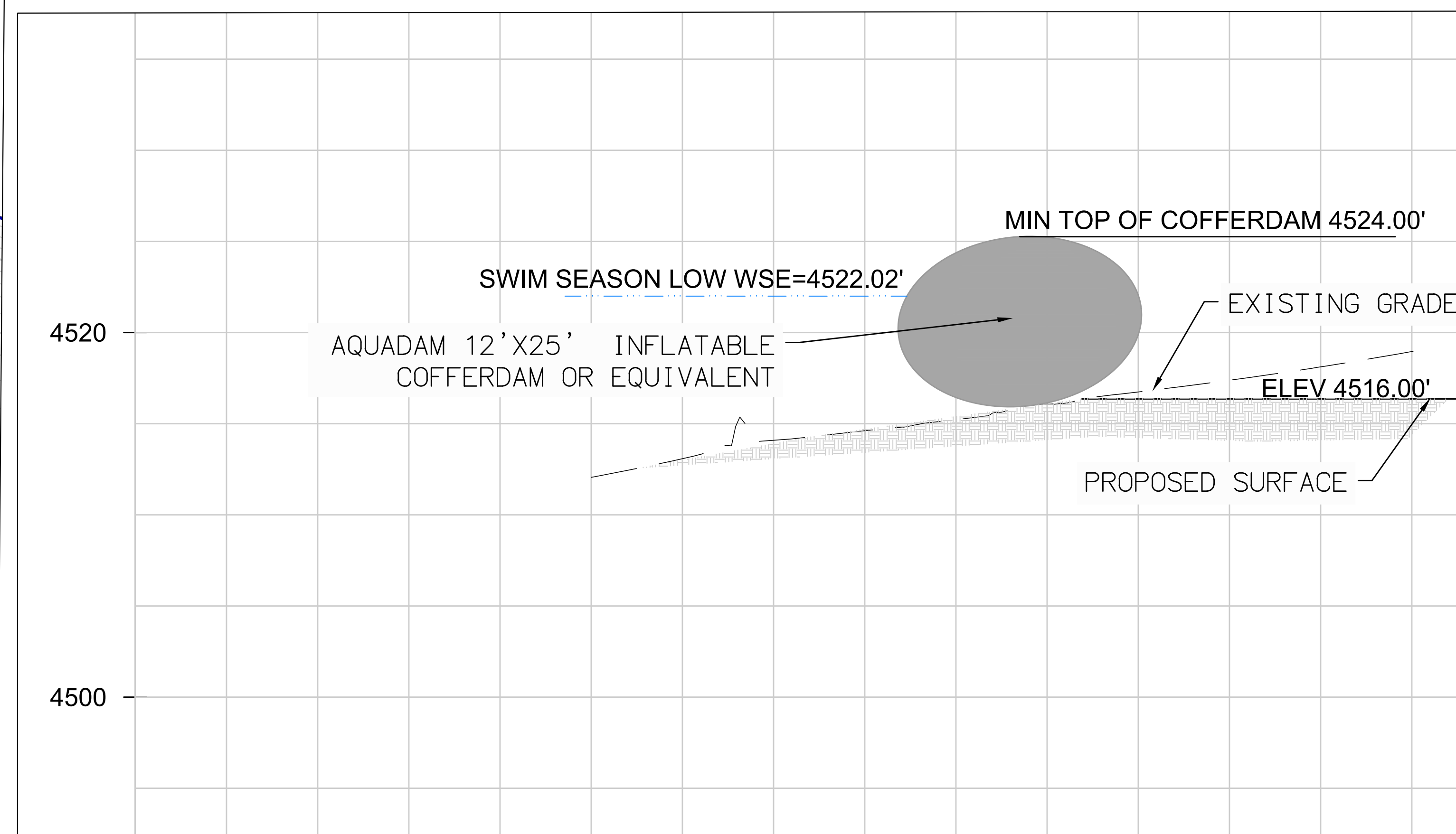
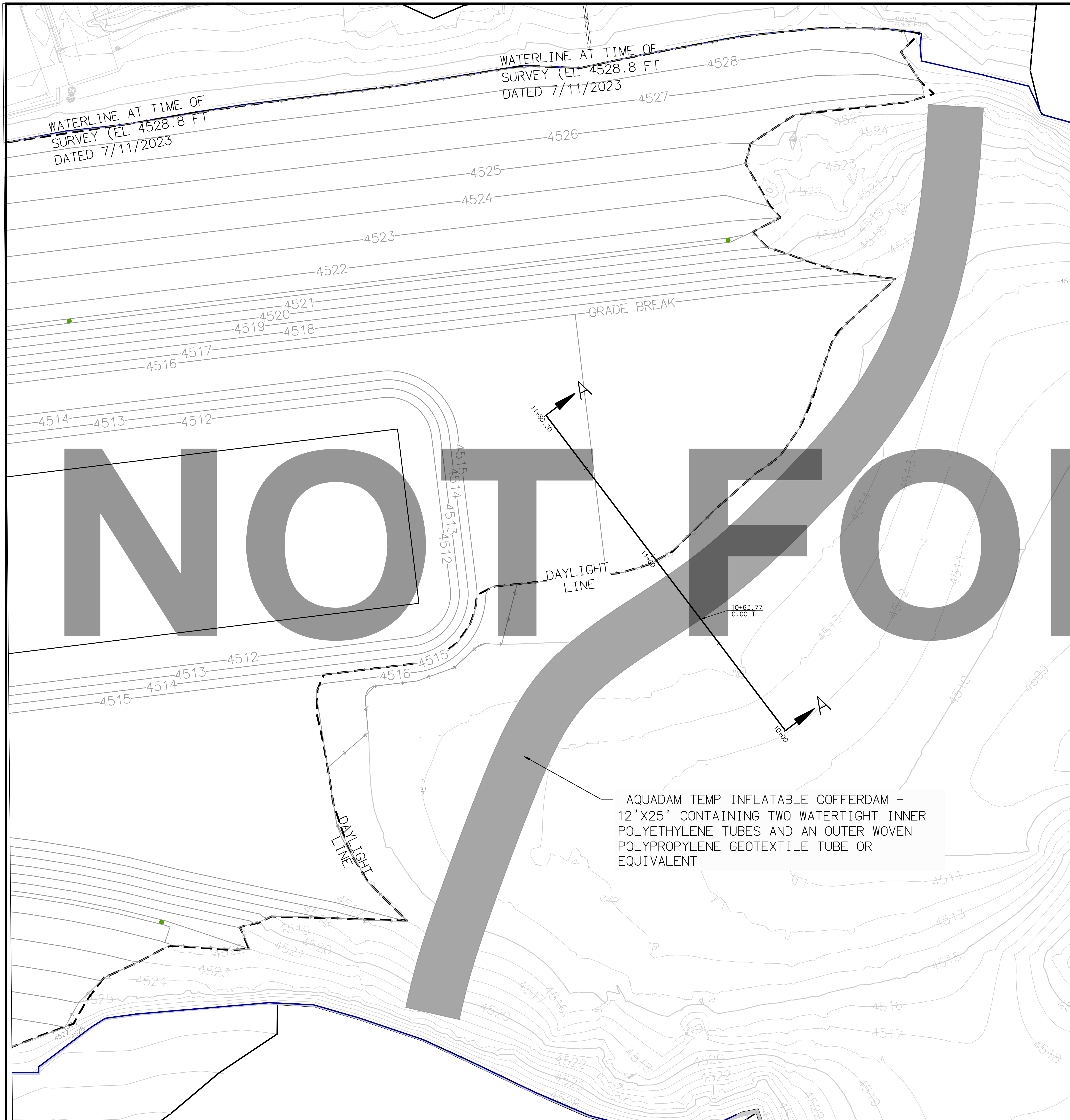
31 CONCRETE SLOPE ANCHOR NOT TO SCALE



NOTES:

1. SIGN SHALL BE PER CALIFORNIA HEALTH & SAFETY CODE, TITLE 3 OF SAN BERNARDINO COUNTY CODE AND GUIDELINES
2. POST SHALL BE PER SAN BERNARDINO COUNTY ROAD DEPARTMENT STD PLAN 303a AND INSTALLATION PER 303b
3. SIGN SHALL BE INSTALLED IN ACCORDANCE WITH SAN BERNARDINO COUNTY ROAD DEPARTMENT STANDARD PLAN 303

13 NO DIVING SIGN NOT TO SCALE



NOT FOR BID

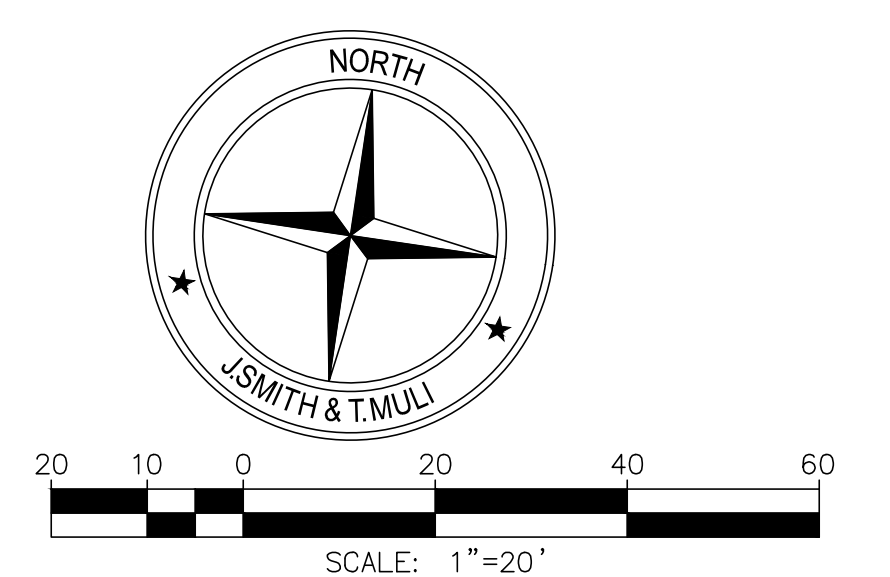
SECTION A-A

NOTES:

1. THIS IS A SUGGESTED DEWATERING PROCEDURE. CONTRACTOR MAY IMPLEMENT THIS PROCEDURE OR OTHER PROCEDURE.
2. WATER SURFACE ELEVATION SHOWN ON PLANS IS APPROXIMATE. CONTRACTOR SHALL VERIFY WATER SURFACE ELEVATION BEFORE COMMENCING EARTHWORK.
3. AERIAL IMAGERY SHOWN ON PLANS MAY VARY FROM CURRENT EXISTING CONDITIONS AND TOPOGRAPHIC INFORMATION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING SURFACE IMPROVEMENTS AND UTILITIES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL PROJECT WATER QUALITY AND TURBIDITY REQUIREMENTS. CONTRACTORS SHALL FURNISH, INSTALL, AND MAINTAIN WATER QUALITY MANAGEMENT FACILITIES AS NECESSARY TO MAINTAIN COMPLIANCE WITH PERMIT REQUIREMENTS AT ALL TIMES. CONTRACTOR SHALL REMOVE TEMPORARY WATER QUALITY FACILITIES AT TERMINATION OF THE PROJECT.
6. CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN REQUIRED TEMPORARY STORMDRAIN BYPASS AND DIVERSION FACILITIES TO DIVERT STORM AND NON-STORM RUNOFF AROUND OR THROUGH THE PROJECT WORK AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH WATER QUALITY PERMIT REQUIREMENTS AND SHALL ENSURE SAID FACILITIES MEET THE WATER QUALITY AND TURBIDITY REQUIREMENTS AT ALL TIMES.
7. CONTRACTOR SHALL FURNISH AND INSTALL AQUADAM OR EQUIVALENT TEMPORARY INFLATABLE COFFER DAM PER MANUFACTURER INSTRUCTIONS, SPECIFICATIONS, AND REQUIREMENTS. THE TEMPORARY COFFERDAM SHALL BE FILLED/INFLATED WITH SITE WATER. TEMPORARY INFLATABLE COFFER DAM SHALL INCLUDE TWO WATERTIGHT INNER POLYETHYLENE TUBES AND AN OUTER SLEEVE MADE OF HEAVY DUTY WOVEN POLYPROPYLENE GEOTEXTILE FABRIC WHICH CONTAINS/CONFINES THE TWO INNER TUBES. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS, AND LABOR NECESSARY TO SAFELY INSTALL, MAINTAIN, AND REMOVE THE TEMPORARY INFLATABLE COFFERDAM. TEMPORARY COFFERDAM SHALL BE FILLED WITH SITE WATER. DISCHARGE OF WATER FROM THE COFFERDAM SHALL BE IN COMPLIANCE WITH ALL PERMIT REQUIREMENTS INCLUDING WATER QUALITY AND TURBIDITY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SAFE INSTALLATION, OPERATION, MAINTENANCE, AND DISASSEMBLY OF THE TEMPORARY COFFERDAM FACILITIES. CONTRACTOR SHALL REMOVE TEMPORARY COFFERDAM AND BYPASS FACILITIES AT COMPLETION OF PROJECT OR TASKS.
8. CONTRACTOR TO PROCURE, INSTALL, ESTABLISH AND MAINTAIN ALL EQUIPMENT AND LABOR NECESSARY TO PROVIDE TEMPORARY POWER AS NEEDED FOR ALL PUMPING FACILITIES NECESSARY TO DEWATER THE CONSTRUCTION AREA AND BYPASS/DIVERT STORM AND NON-STORM RUNOFF AROUND AND/OR THROUGH THE CONSTRUCTION AREA AND TO MAINTAIN DEWATERING OF THE CONSTRUCTION AREA. TEMPORARY POWER TO BE REMOVED AT COMPLETION OF PROJECT OR TASKS.

TEMP DEWATERING SYSTEM

<p>Call: TOLL FREE 1-800-227-2600 OR 811</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<p>BENCHMARK: ELEVATIONS SHOWN HEREON ARE EXPRESSED IN THE U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88) AND DEFINED LOCALLY USING THE ORTHOMETRIC HEIGHT FOR CORS STATION EWPP. SITE BENCHMARK AT POINT NO. 7000 DERIVED FROM STATIC OBSERVATIONS. ELEVATION = 4587.05'</p>	<p>BASIS OF BEARINGS: BEARINGS SHOWN ON THIS MAP ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM, CCS83 (2011) EPOCH 2010.00, ZONE 05, DEFINED LOCALLY BY NGS PID'S EWPP, PS98, & P470 ACCORDING TO THE GEODETIC POSITIONS AS PUBLISHED BY NGS. ALL DISTANCES AND COORDINATES ARE REFERENCED TO CCS83 ZONE 05 GRID AND ARE EXPRESSED IN US SURVEY FOOT UNITS.</p>	<p>J. SMITH & T. MULI 33161 Camino Capistrano, Suite D, San Juan Capistrano, CA 92675 Phone: (949) 329.3639 • JSTMINC.COM</p> <p>JONIS C. SMITH 05864 09/08/2023 PROFESSIONAL ENGINEER R.C.E. No. DATE</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> <th>APPR. DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE																<p>PLANS APPROVED BY: SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ASSISTANT DIRECTOR</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	ASSISTANT DIRECTOR	DATE			<p style="text-align: center;">IMPROVEMENT PLANS</p> <p style="text-align: center;">LAKE GREGORY SITEWIDE SEDIMENT MANAGEMENT PROJECT SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT CRESTLINE, CALIFORNIA</p> <p style="text-align: center;">SUGGESTED DEWATERING PROCEDURE</p>	<p>DWG NO. XX.XX.XXXX</p> <p>FILE NO. XXX-XXX</p> <p>SHEET 17 OF 17</p>
MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE																											
ASSISTANT DIRECTOR	DATE																														



C:\Users\Jim.Mullu\OneDrive\Documents\JSM\Operations\Projects\1025 - Lake Gregory Sitewide Sediment Management - Project\1025-SHT-17-DEWATERING PLAN.dwg 08/07/24 - 2:01pm Jim Mullu