

LEGEND

	EXISTING GRADING
	EXISTING SPOT GRADE
	PROPOSED GRADING
	PROPERTY LINE / RIGHT OF WAY
	PROPOSED ROAD CENTERLINE
	PROPOSED CURB
	EDGE OF WETLAND
	100' WETLAND BUFFER
	EXISTING STONE WALL
	EXISTING DRAINAGE INLET
	EXISTING STONE WALL
	EXISTING DRAINAGE INLET
	EXISTING SANITARY LINE
	EXISTING HEADWALL
	PROPOSED DRAINAGE LINE
	PROPOSED CATCH BASIN
	PROPOSED DRAINAGE MANHOLE
	PROPOSED HEADWALL WITH RIP RAP
	RD
	PROPOSED SEWER MAIN
	PROPOSED SEWER SERVICE CONNECTION
	PROPOSED SEWER FORCE MAIN
	PROPOSED SANITARY MAIN AND SEWER LINE
	PROPOSED WATER SERVICE CONNECTION
	PROPOSED FIRE HYDRANT
	PROPOSED WATERMAIN CROSSING
	PROPOSED GAS SERVICE
	PROPOSED UNDERGROUND ELECTRIC SERVICE
	PROPOSED LIGHT POST
	PROPOSED STONE OR OTHER WALL

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 Civil Engineers & Land Planners
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Project: GRANITE KNOLLS SPORTS COMPLEX, WESTCHESTER COUNTY, NEW YORK

Scale: 1" = 40'

Drawn by: TK

Date: 5-1-17

SITE PLAN

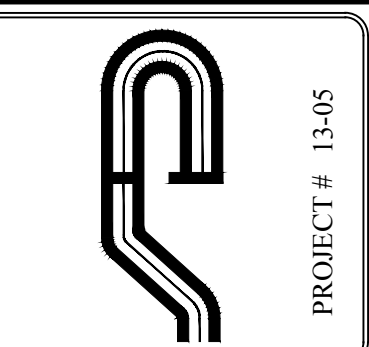
GRANITE KNOLLS SPORTS COMPLEX
 STONY STREET
 Town of Yorktown
 Westchester County, New York

Sheet: C-101

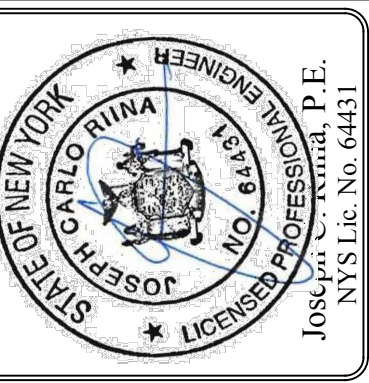
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NOTE:
 1. THIS IS NOT A SURVEY. ALL INFORMATION SHOWN ON THIS PLAN HAS BEEN
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 Civil Engineers & Land Planners
 251-F Hochella Avenue, Yorktown Heights, NY 10598
 (914) 962-4488, Fax: (914) 962-7306
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Revisions:	No.	Date	Comments

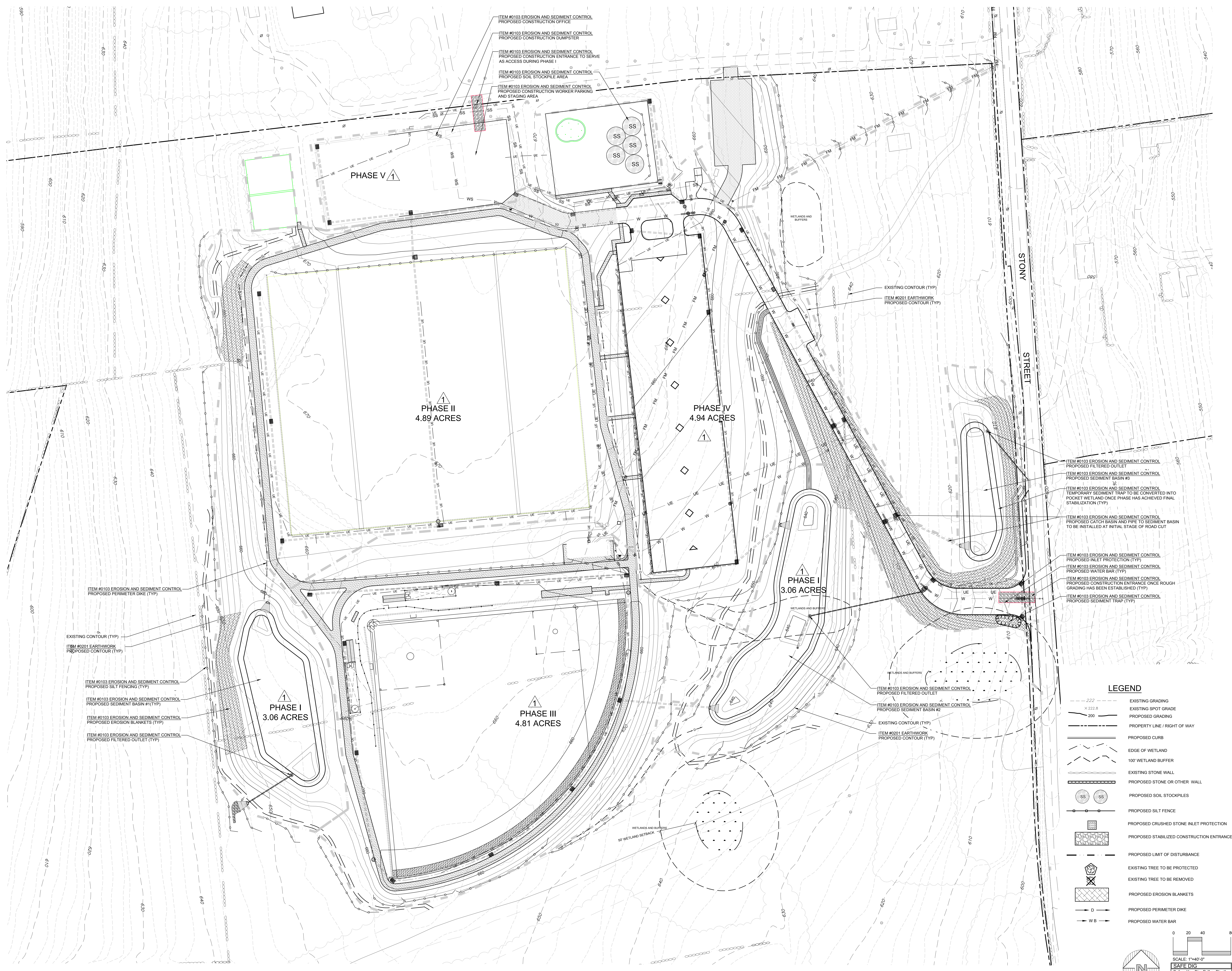
Scale:	1" = 40'
Drawn by:	TK
Date:	5-1-17

E&S PLAN

GRANITE KNOLLS SPORTS COMPLEX

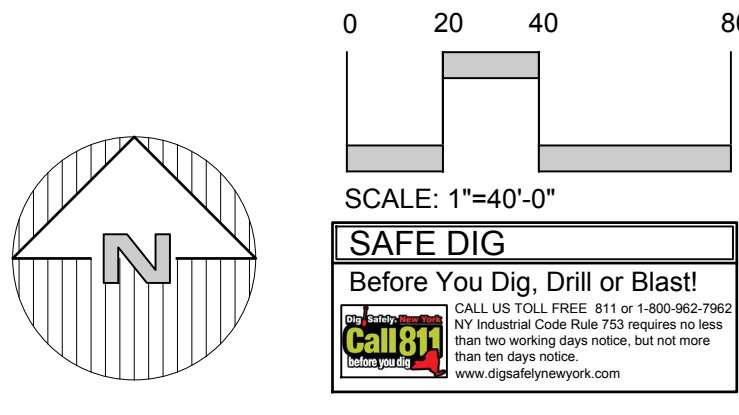
Westchester County, New York

Sheet C-103



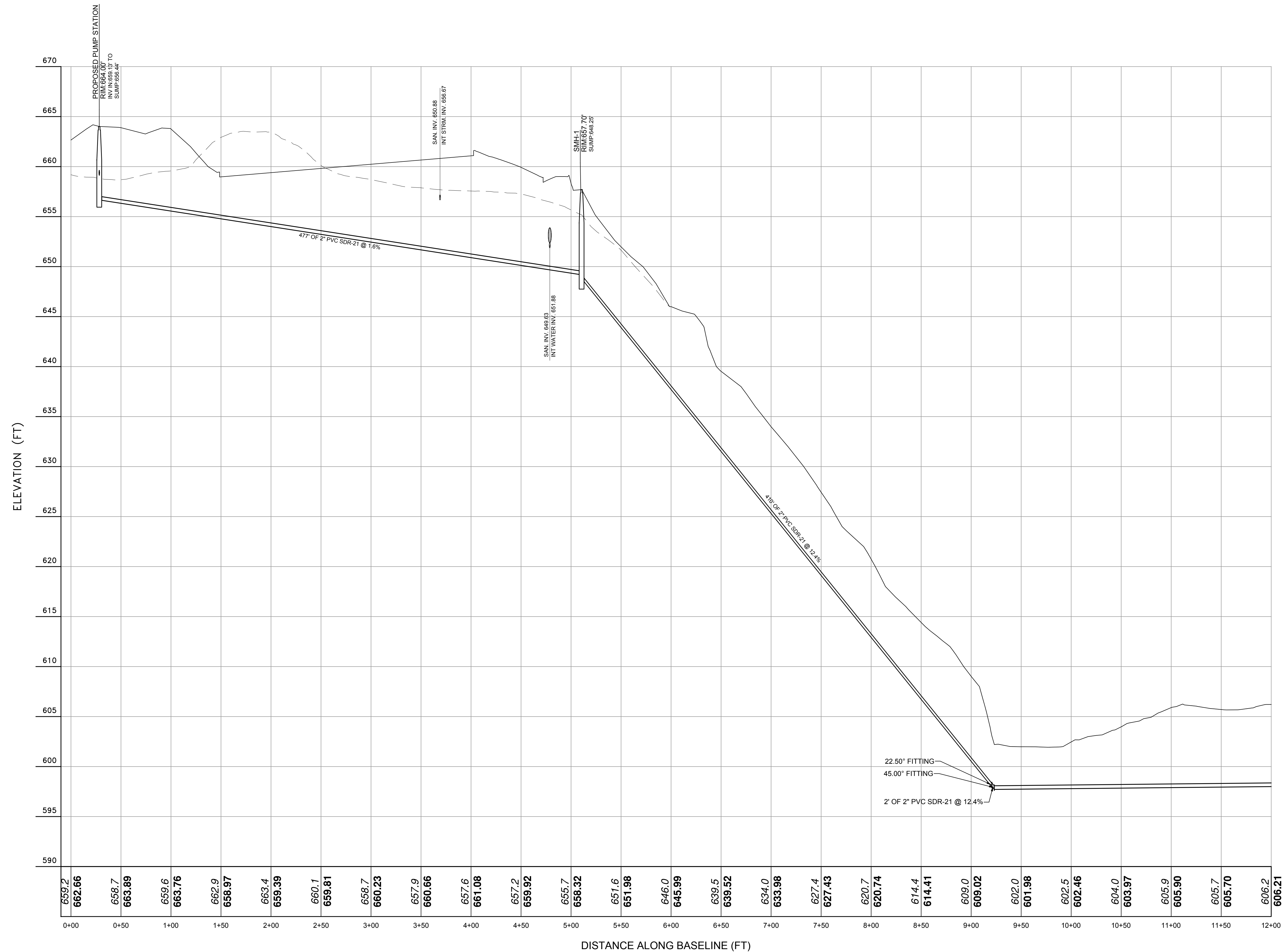
- ITEM #0103 EROSION AND SEDIMENT CONTROL PROPOSED FILTERED OUTLET
- ITEM #0103 EROSION AND SEDIMENT CONTROL PROPOSED SEDIMENT BASIN #3
- ITEM #0103 EROSION AND SEDIMENT CONTROL TEMPORARY SEDIMENT TRAP TO BE CONVERTED INTO POCKET WETLAND ONCE PHASE HAS ACHIEVED FINAL STABILIZATION (TYP)
- ITEM #0103 EROSION AND SEDIMENT CONTROL PROPOSED CATCH BASIN AND PIPE TO SEDIMENT BASIN TO BE INSTALLED AT INITIAL STAGE OF ROAD CUT

- LEGEND**
- 222 --- EXISTING GRADING
 - × 222.8 EXISTING SPOT GRADE
 - 200 --- PROPOSED GRADING
 - --- PROPERTY LINE / RIGHT OF WAY
 - --- PROPOSED CURB
 - --- EDGE OF WETLAND
 - --- 100' WETLAND BUFFER
 - --- EXISTING STONE WALL
 - --- PROPOSED STONE OR OTHER WALL
 - SS SS PROPOSED SOIL STOCKPILES
 - --- PROPOSED SILT FENCE
 - --- PROPOSED CRUSHED STONE INLET PROTECTION
 - --- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
 - --- PROPOSED LIMIT OF DISTURBANCE
 - --- EXISTING TREE TO BE PROTECTED
 - --- EXISTING TREE TO BE REMOVED
 - --- PROPOSED EROSION BLANKETS
 - D --- PROPOSED PERIMETER DIKE
 - WB --- PROPOSED WATER BAR

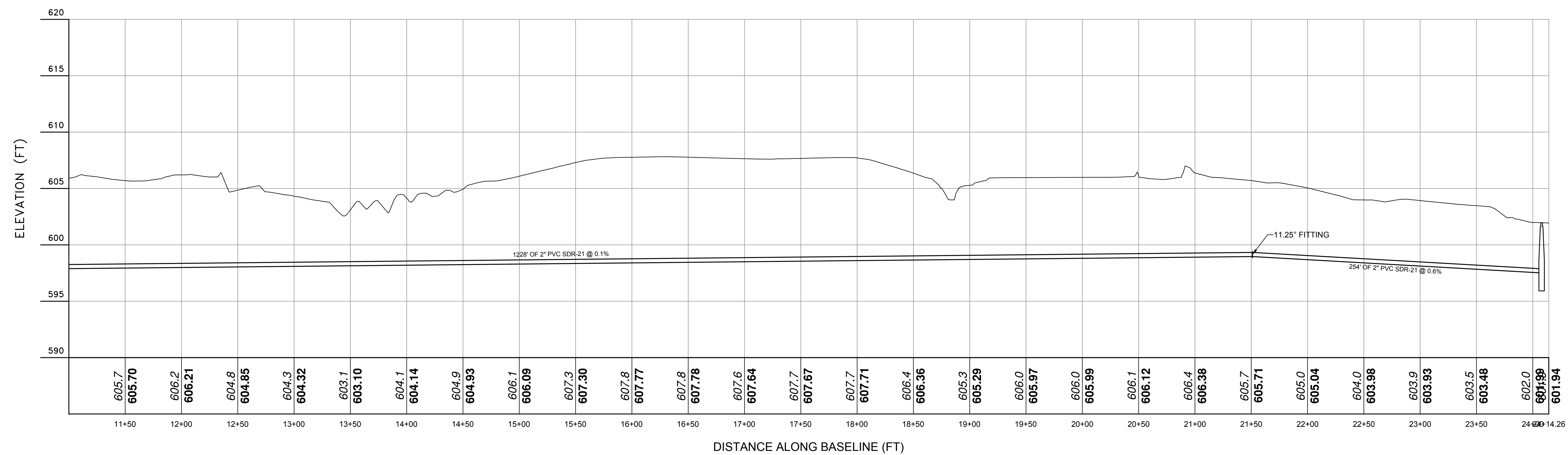


NOTE:
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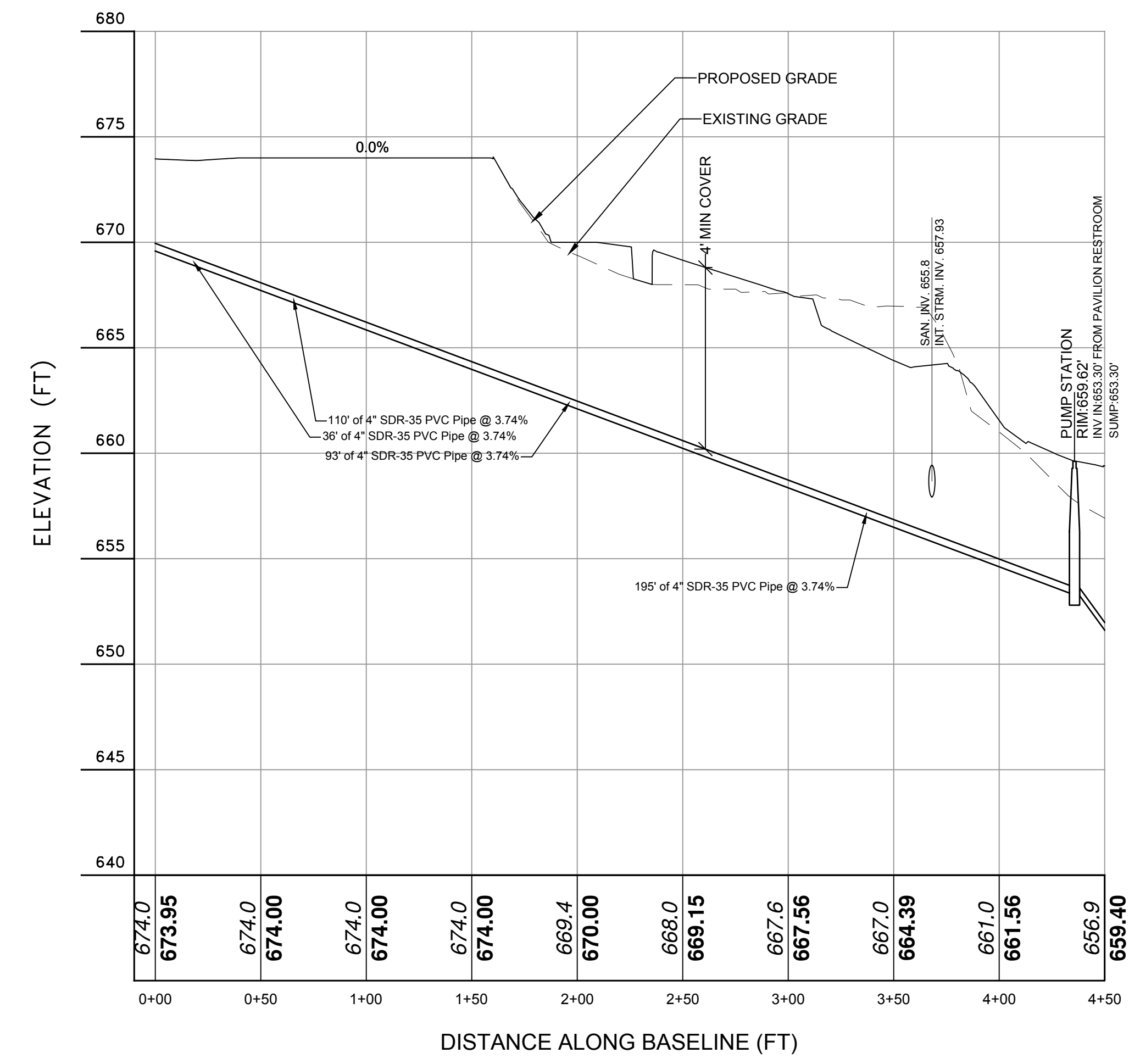
UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 1205(3) OF THE NEW YORK STATE EDUCATION LAW



Concession Stand Sewer Service
 PROFILE SCALE:
 HORIZ: 1"=50'
 VERT: 1"=5'



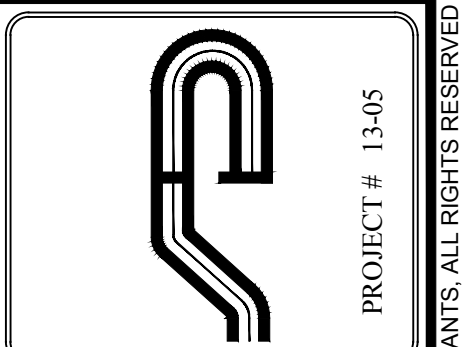
Proposed Forcemain
 PROFILE SCALE:
 HORIZ: 1"=50'
 VERT: 1"=5'



Pavilion Sewer Service
 PROFILE SCALE:
 HORIZ: 1"=50'
 VERT: 1"=5'

NOTE:
 1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY NAME OF SURVEYOR DATED XXXXX LAST REVISSED XXXXXX. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

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 251-F Uncliff Road, Stony Brook, NY 11790
 (516) 492-4488 Fax: (516) 492-4486
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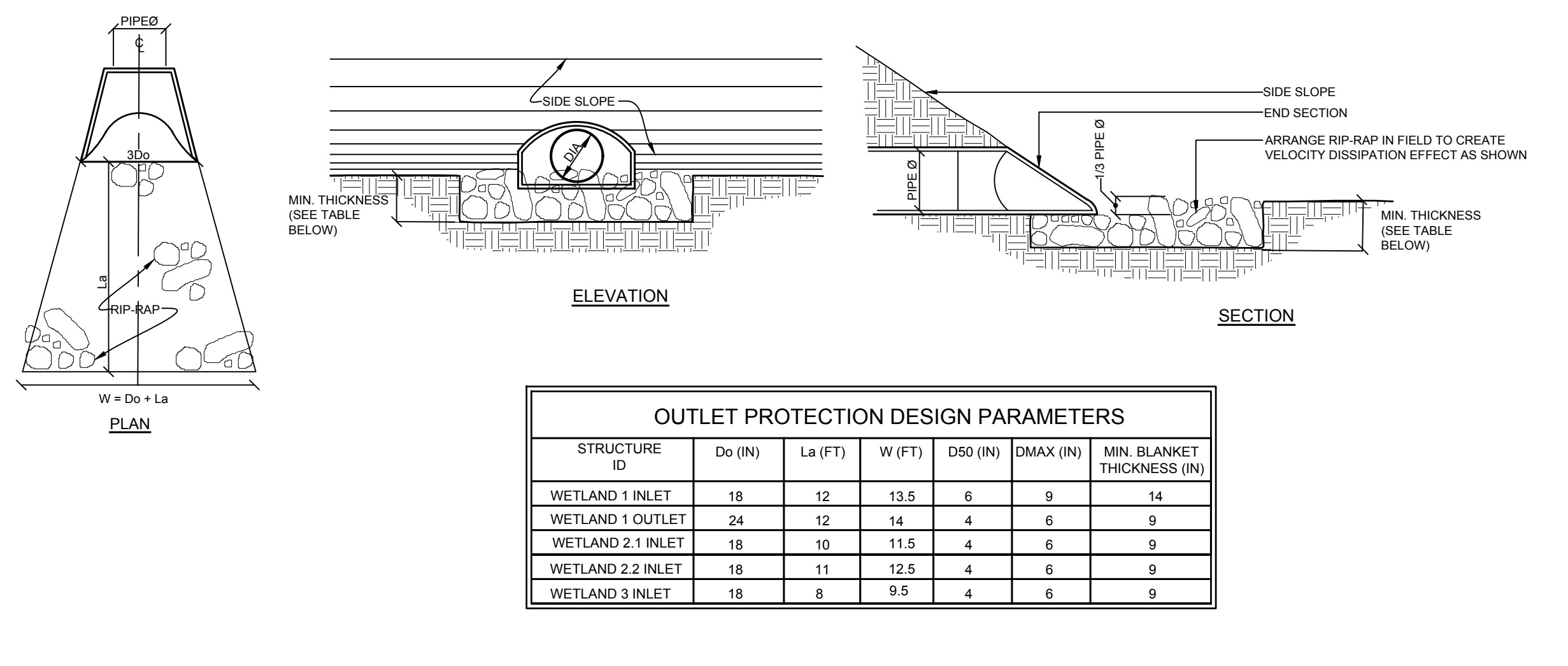


Revisions	No.	Date	Comments

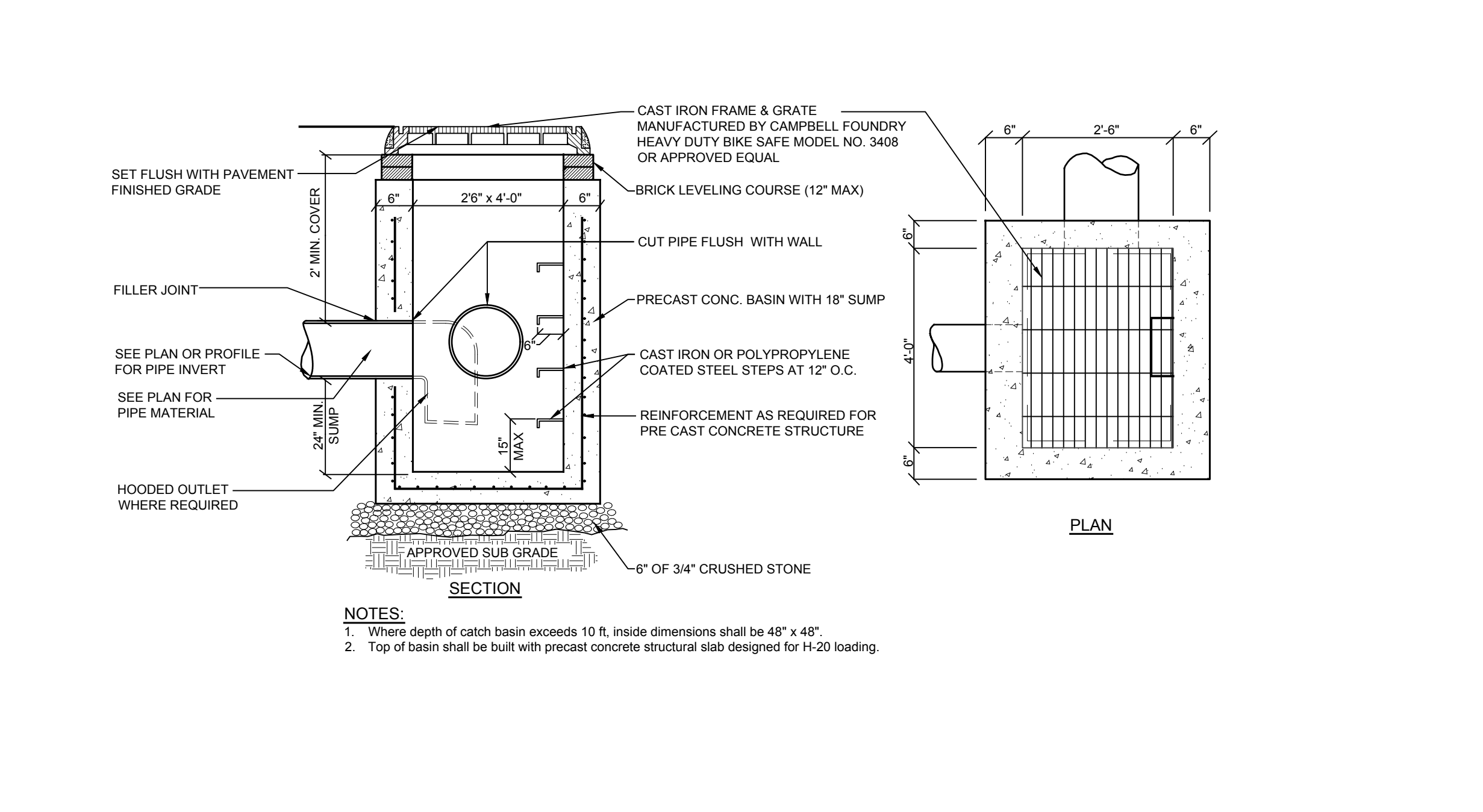
Scale	Drawn By	Date
NTS	TK	5-1-17

UTILITY PROFILES 3

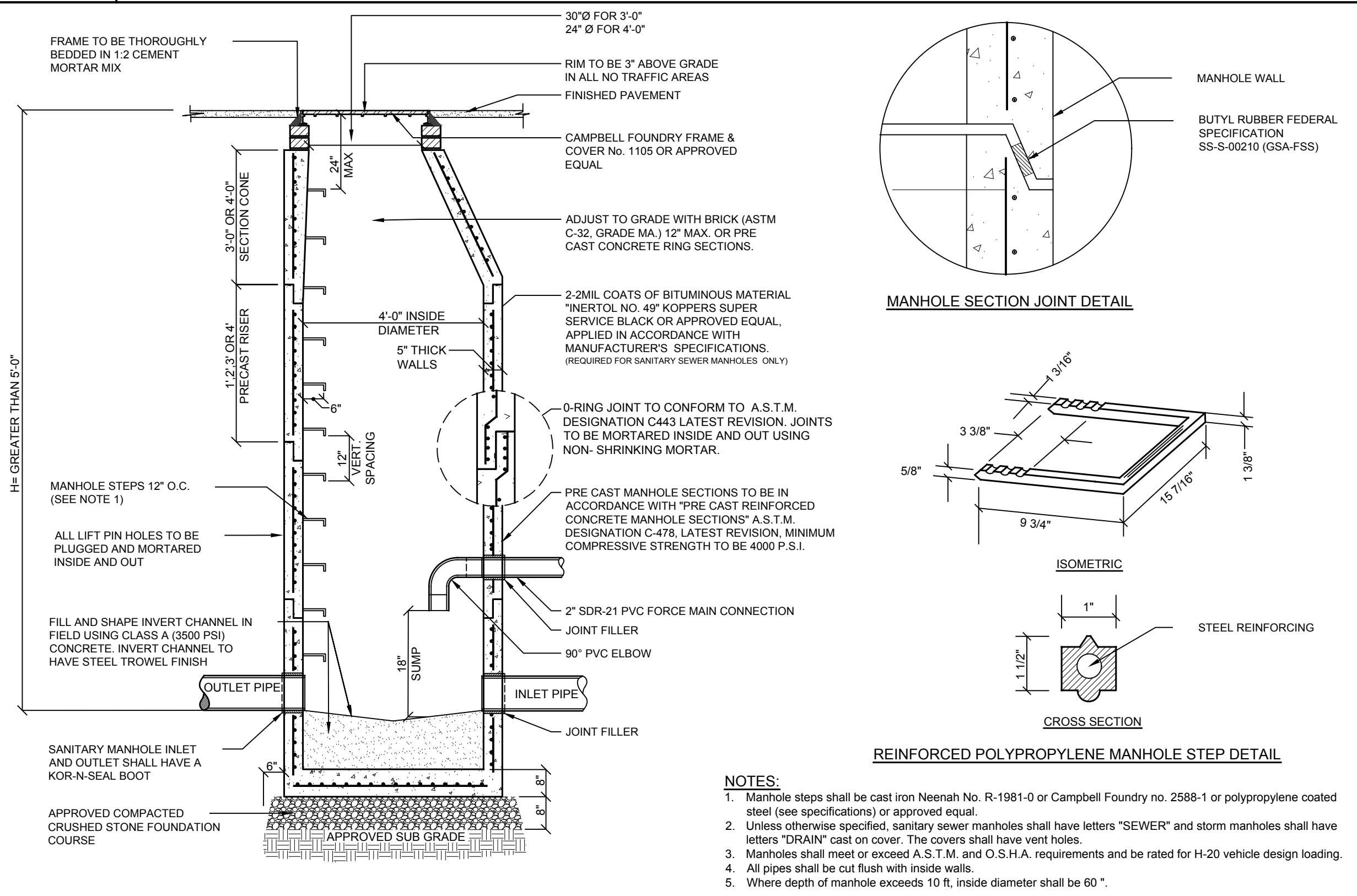
GRANITE KNOLLS SPORTS COMPLEX
 STONY STREET
 Town of Yorktown
 Westchester County, New York



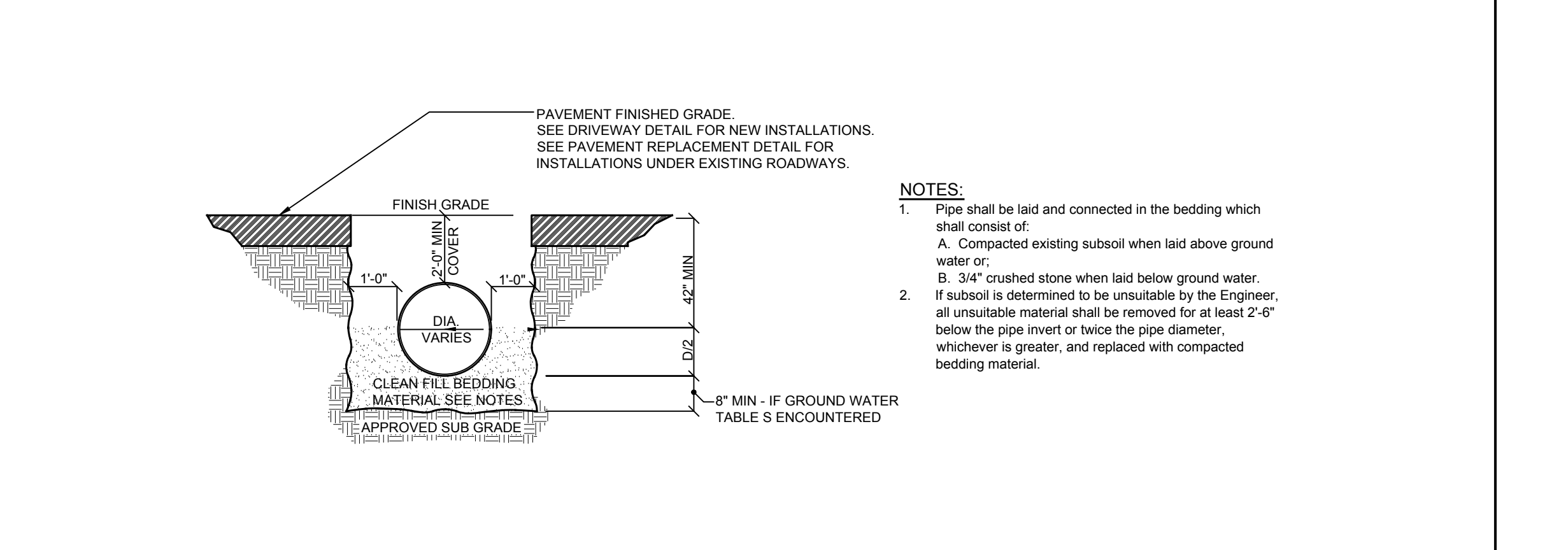
D-1 RIP-RAP APRON ENERGY DISSIPATOR DETAIL
NOT TO SCALE



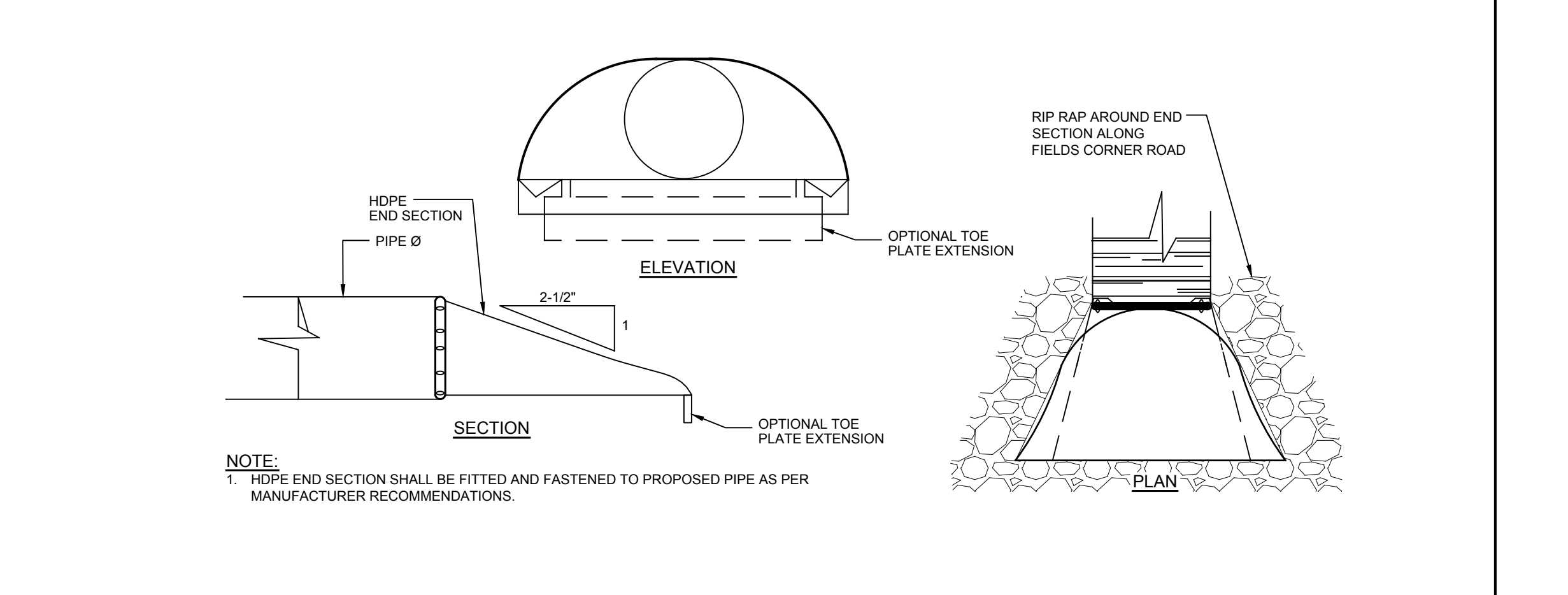
D-2 PRECAST DRAIN INLET STRUCTURE DETAIL
NOT TO SCALE



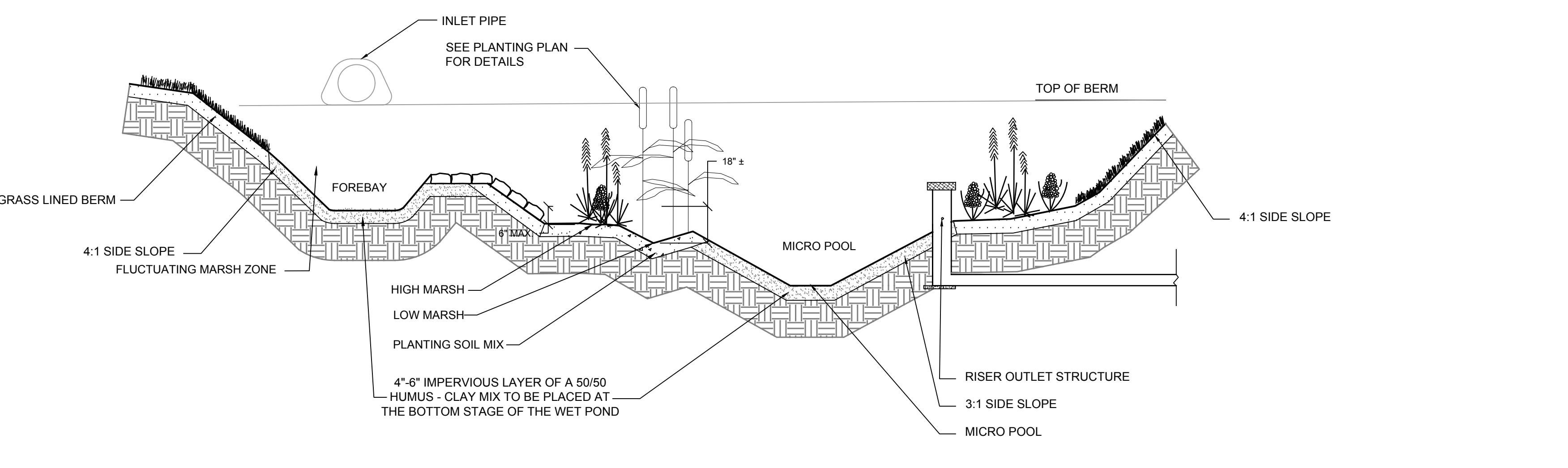
D-3 PRECAST CONCRETE SEWER / STORM DRAIN MANHOLE DETAIL
NOT TO SCALE



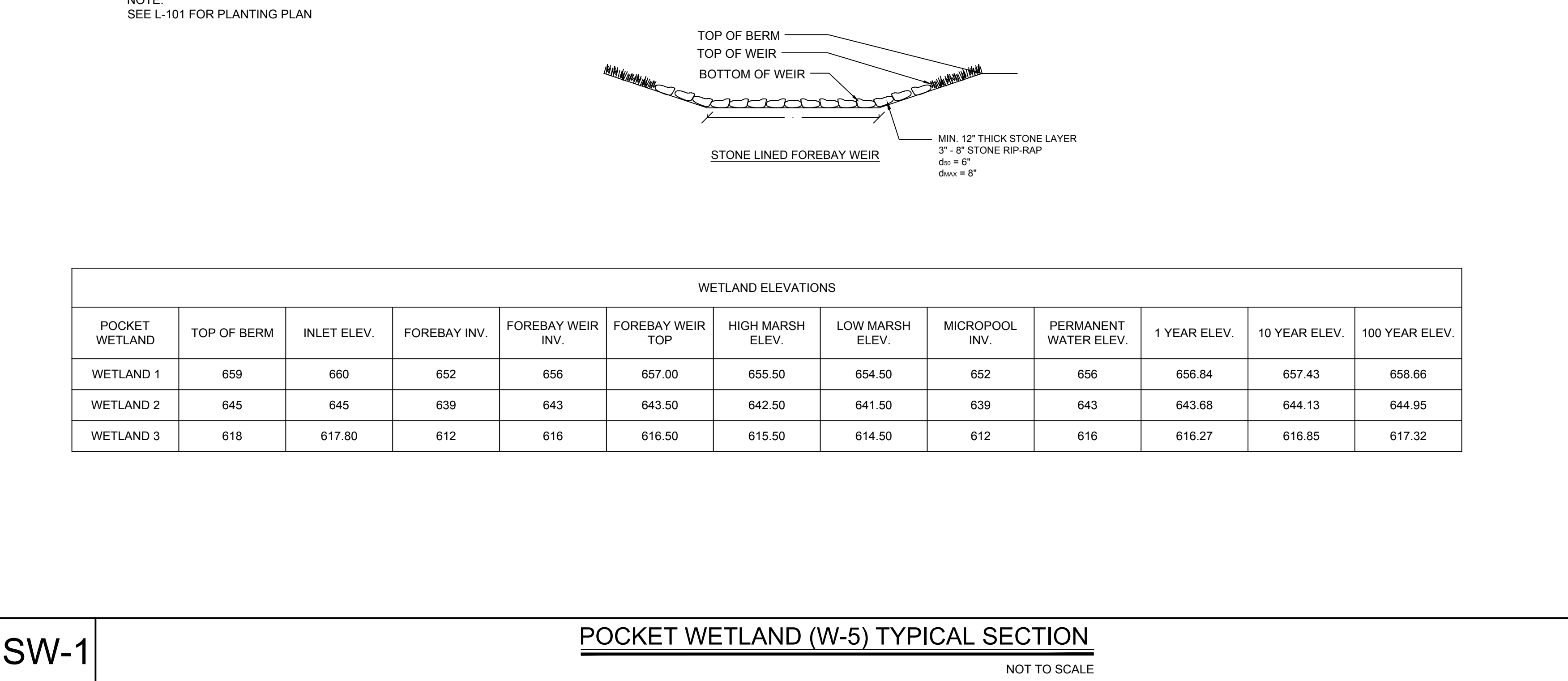
D-4 STORM PIPE BEDDING DETAIL
NOT TO SCALE



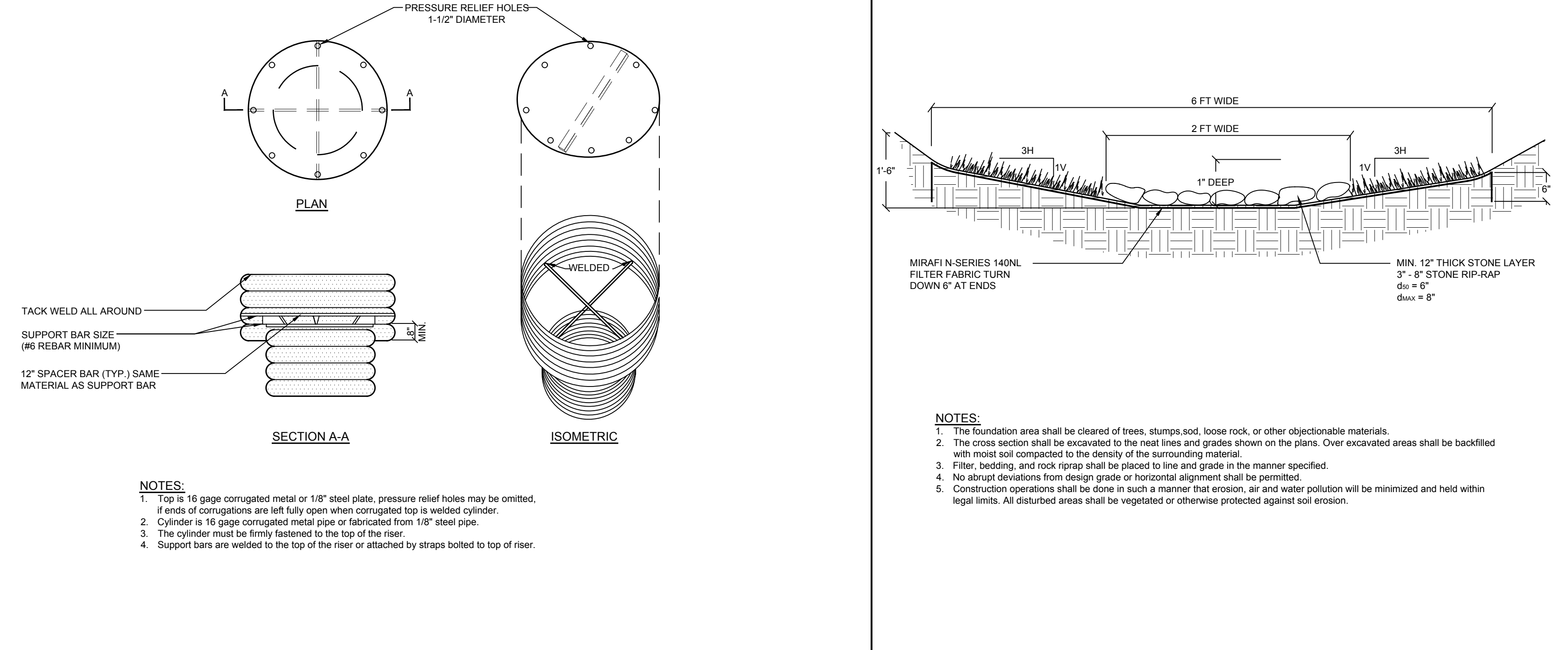
D-5 HDPE PIPE END SECTION DETAIL
NOT TO SCALE



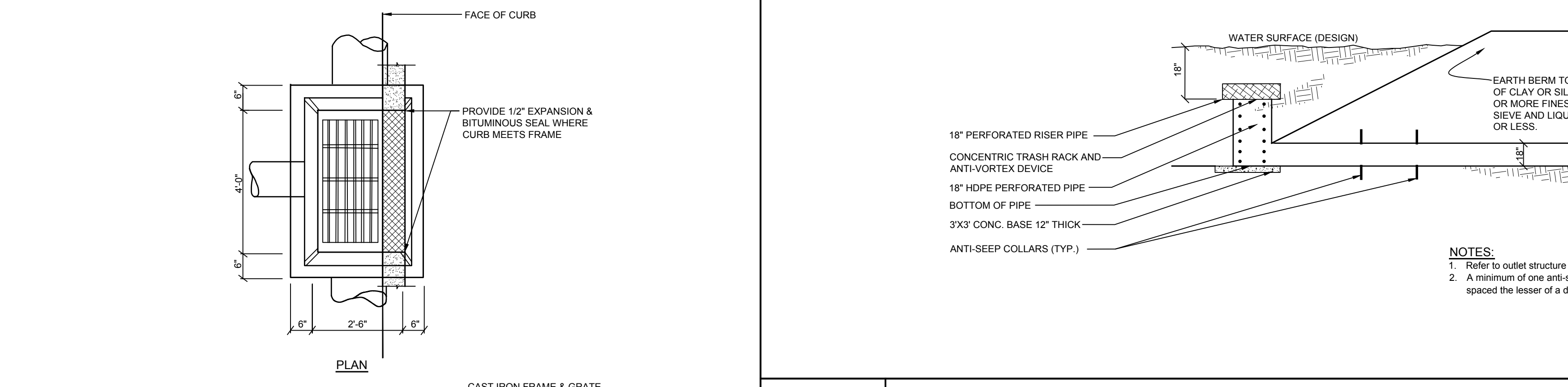
SW-1 POCKET WETLAND (W-5) TYPICAL SECTION
NOT TO SCALE



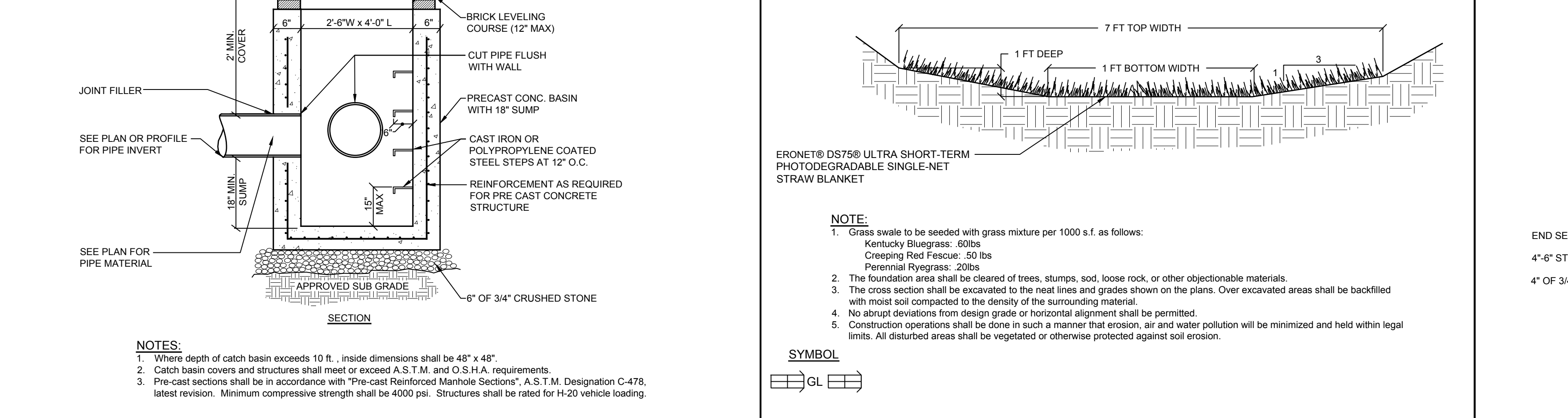
SW-2 CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE
NOT TO SCALE



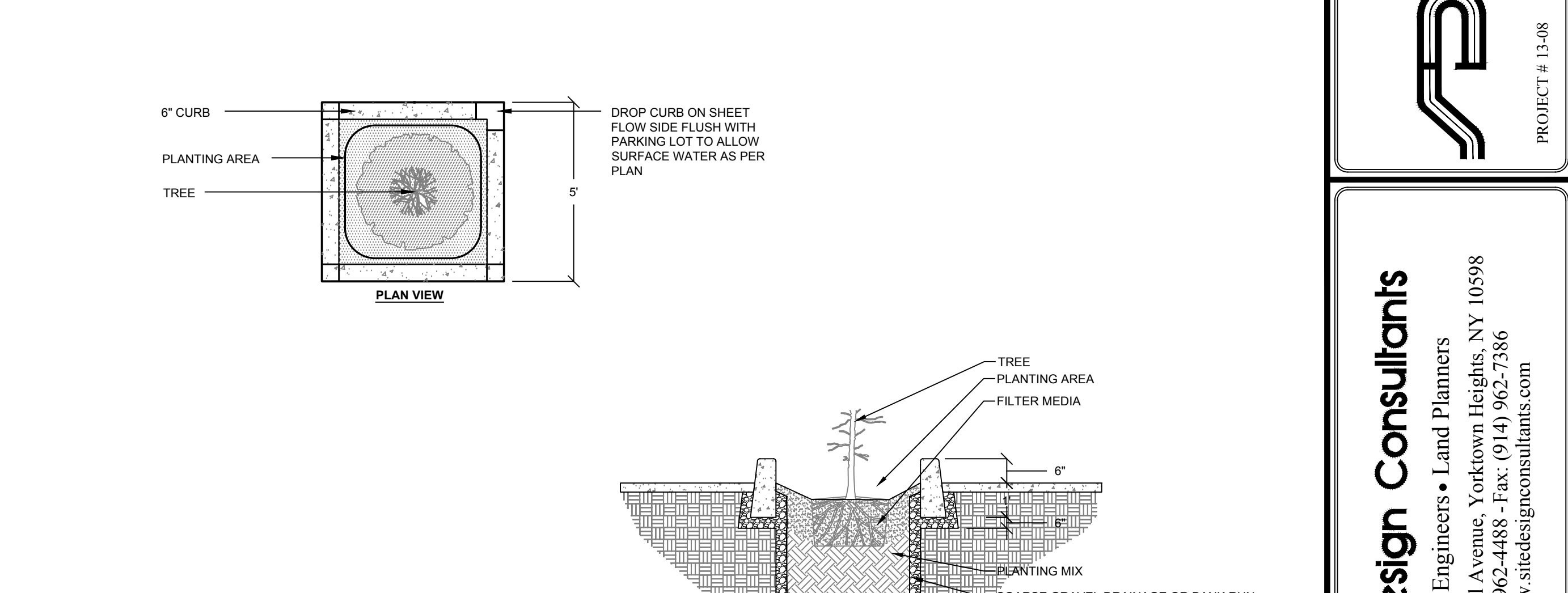
SW-3 GRASS / RIP-RAP SWALE DETAIL
NOT TO SCALE



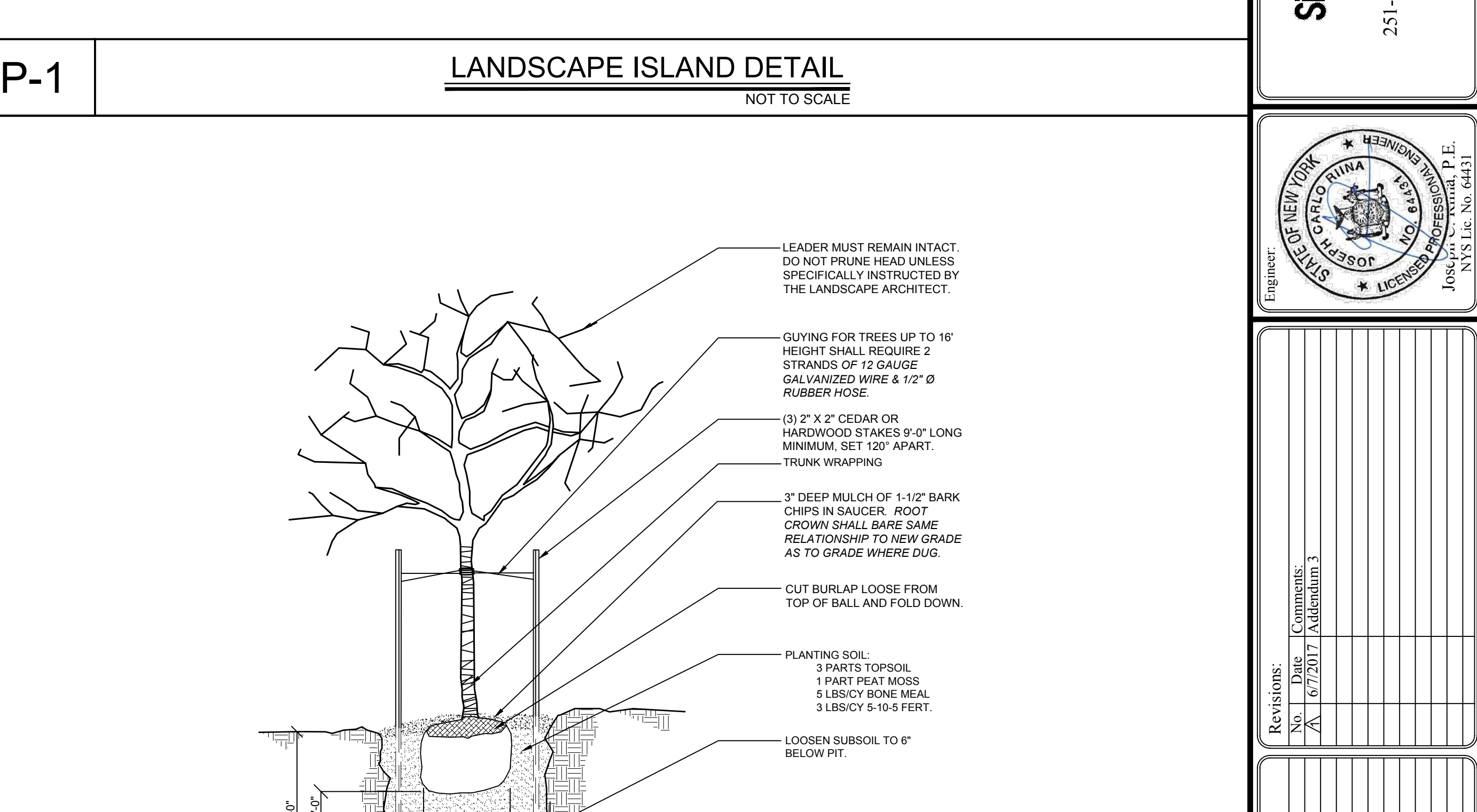
SW-4 PIPE SPILLWAY DETAIL
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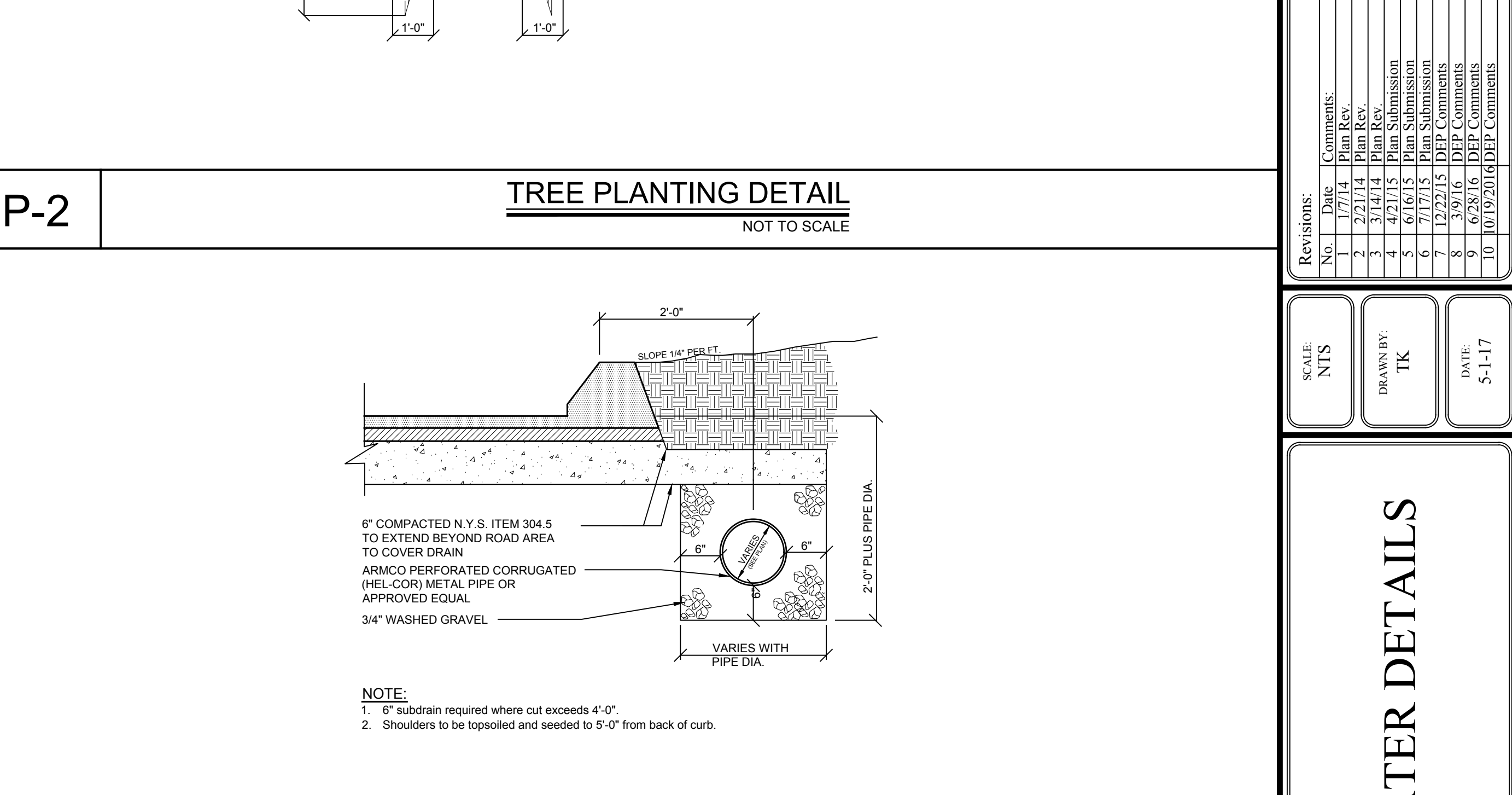
D-6 TYPICAL CATCH BASIN DETAIL
NOT TO SCALE



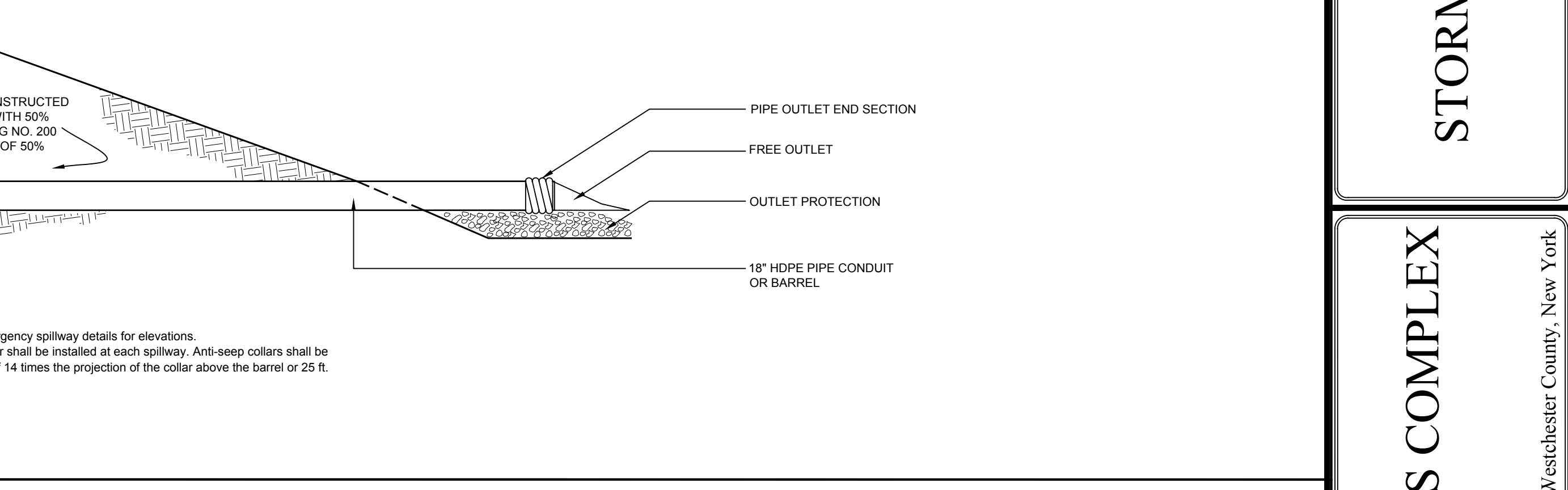
P-1 LANDSCAPE ISLAND DETAIL
NOT TO SCALE



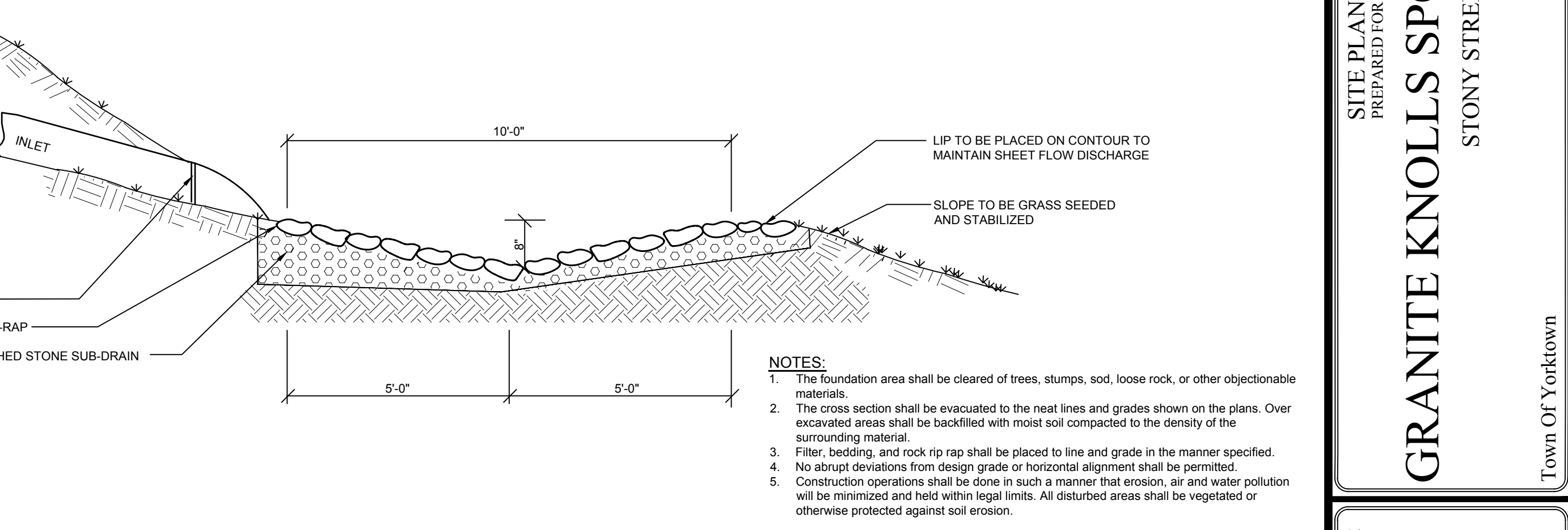
P-2 TREE PLANTING DETAIL
NOT TO SCALE



D-7 SUBDRAIN DETAIL
NOT TO SCALE



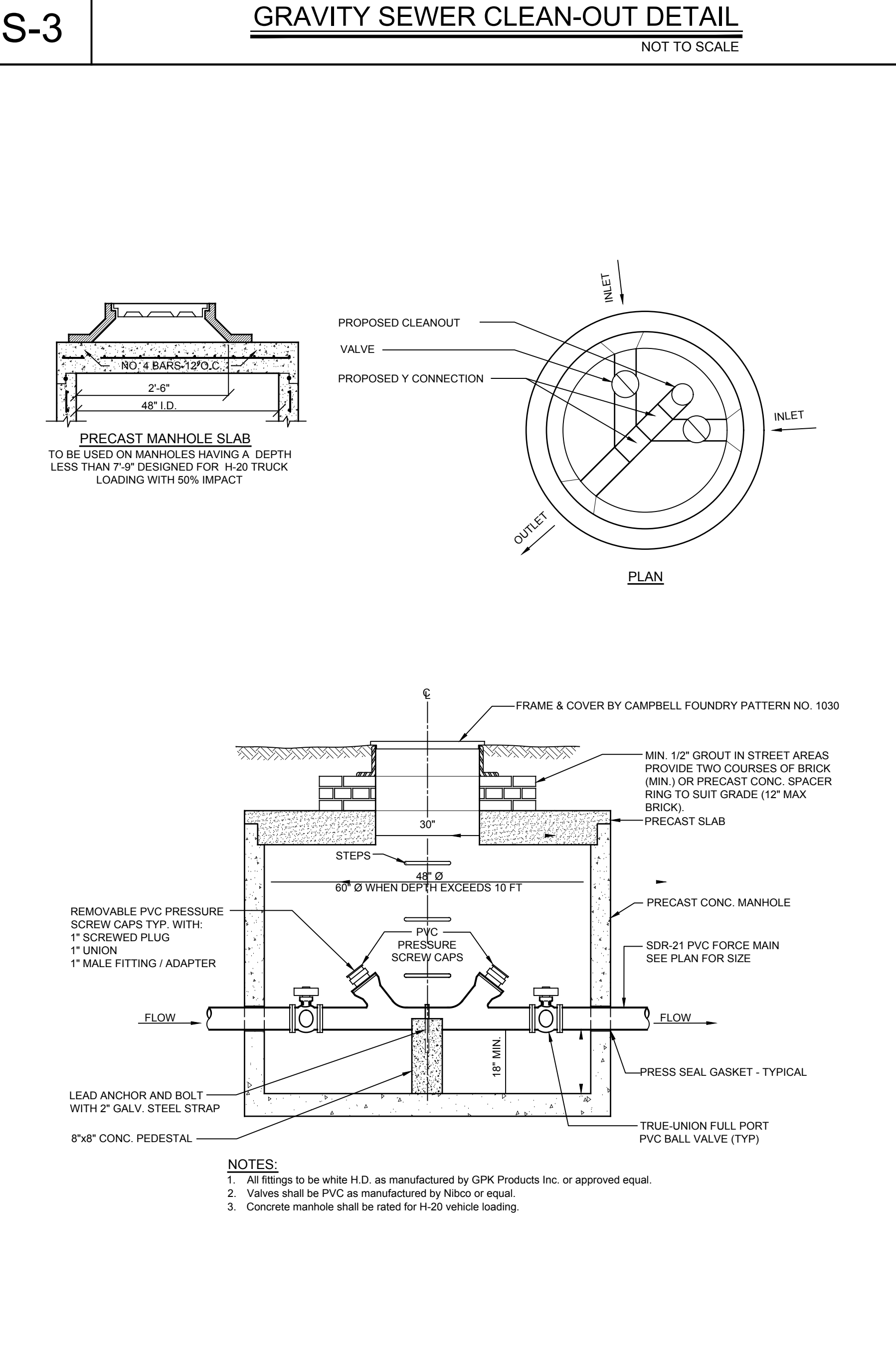
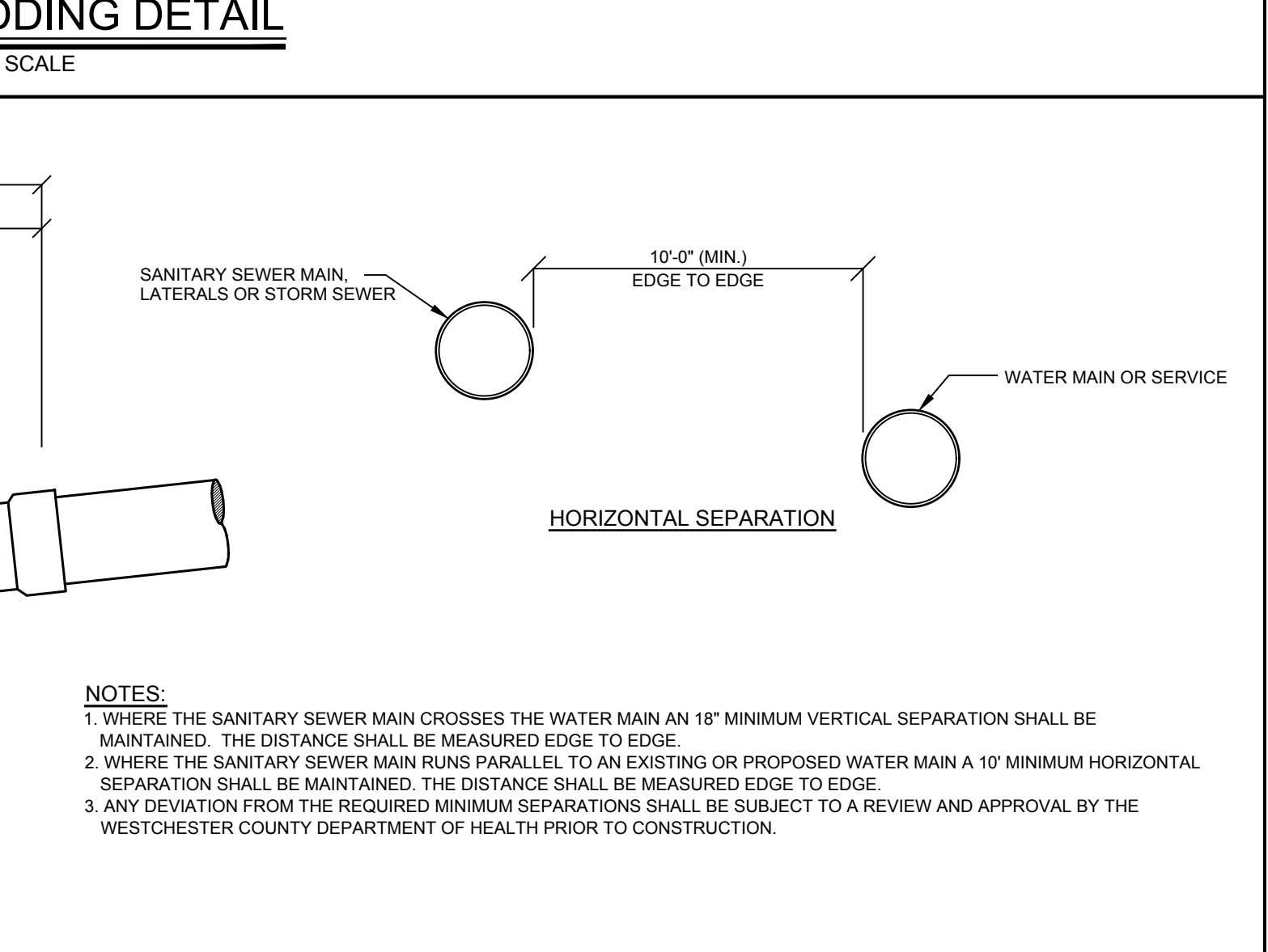
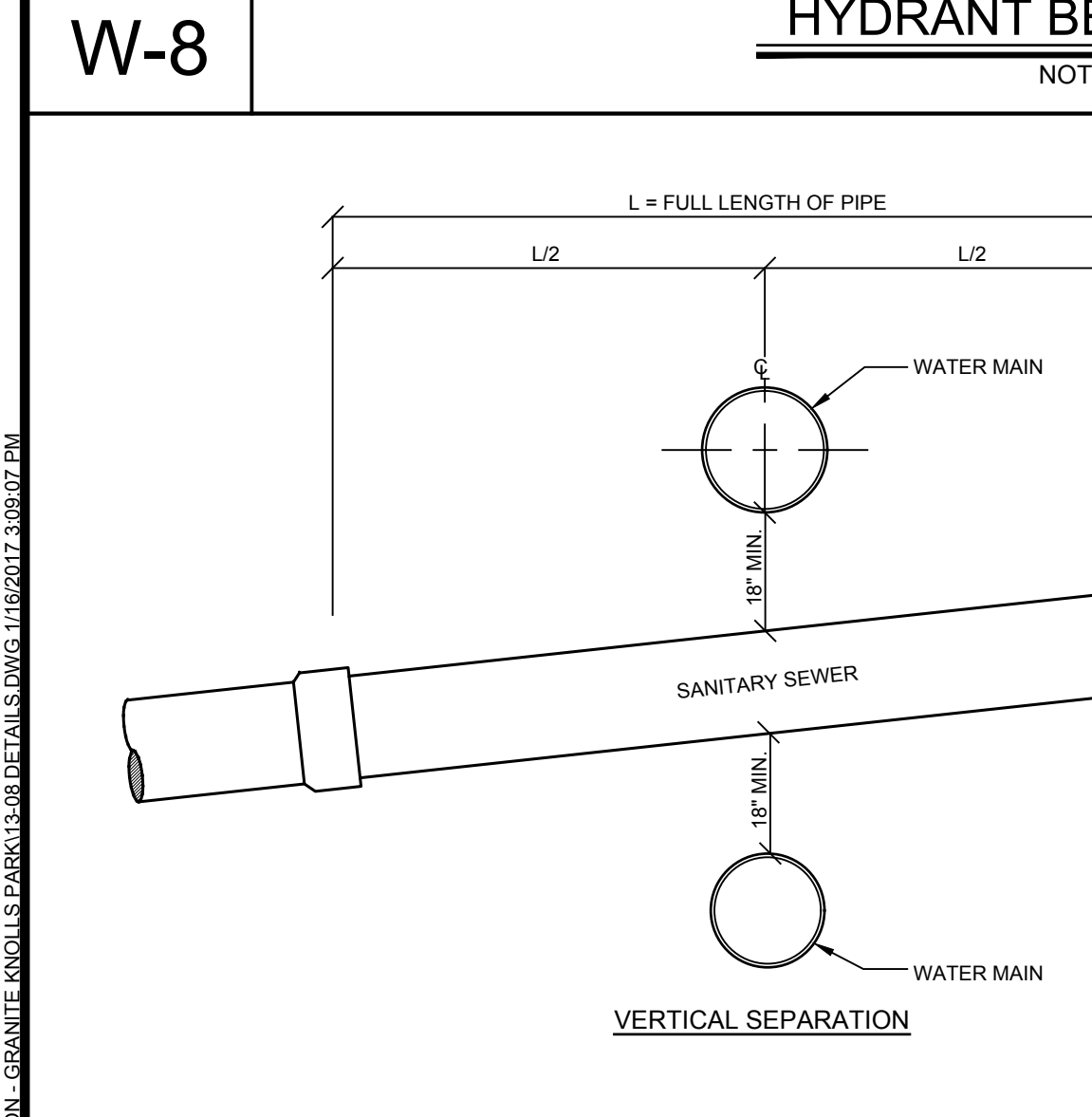
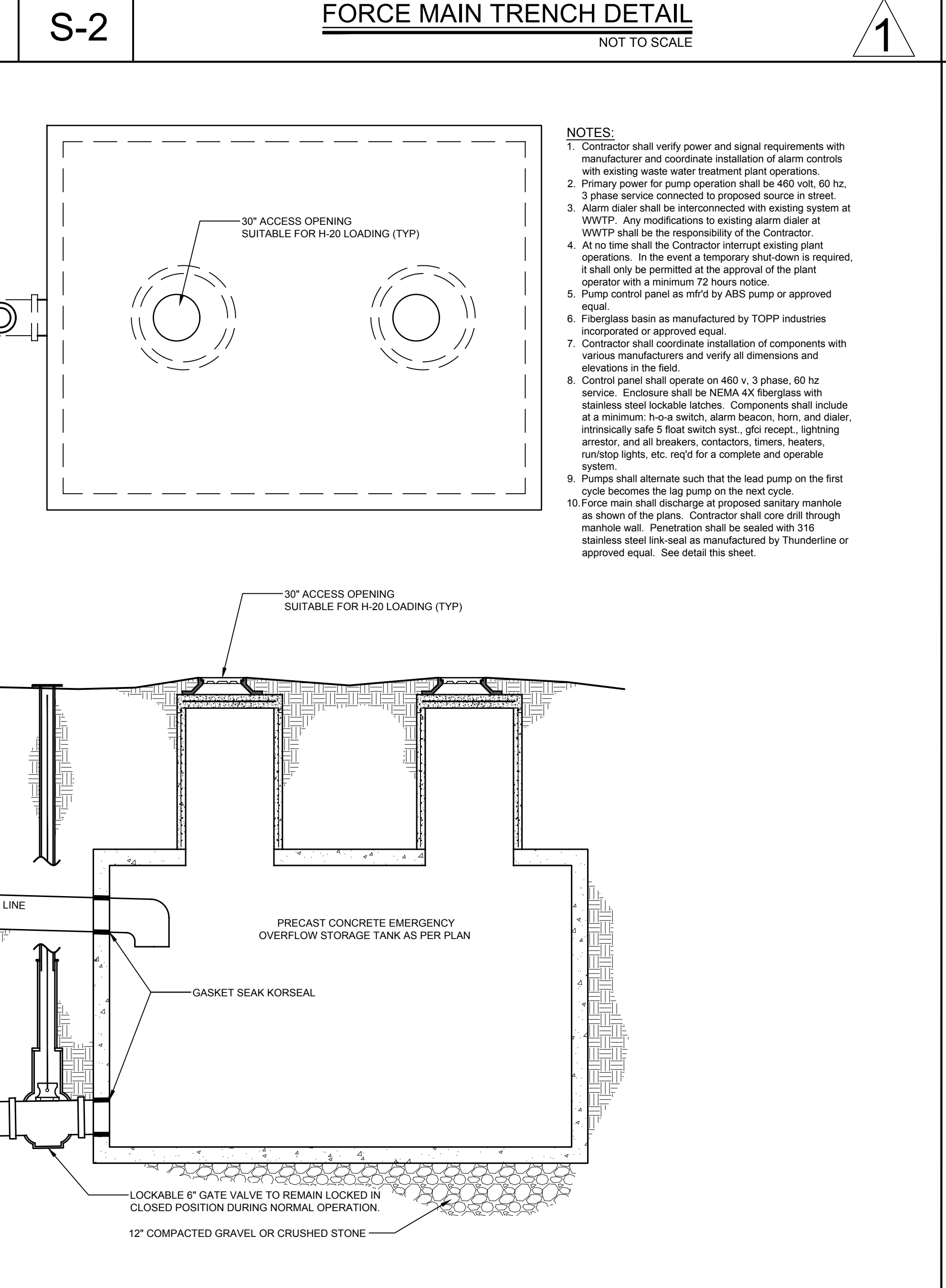
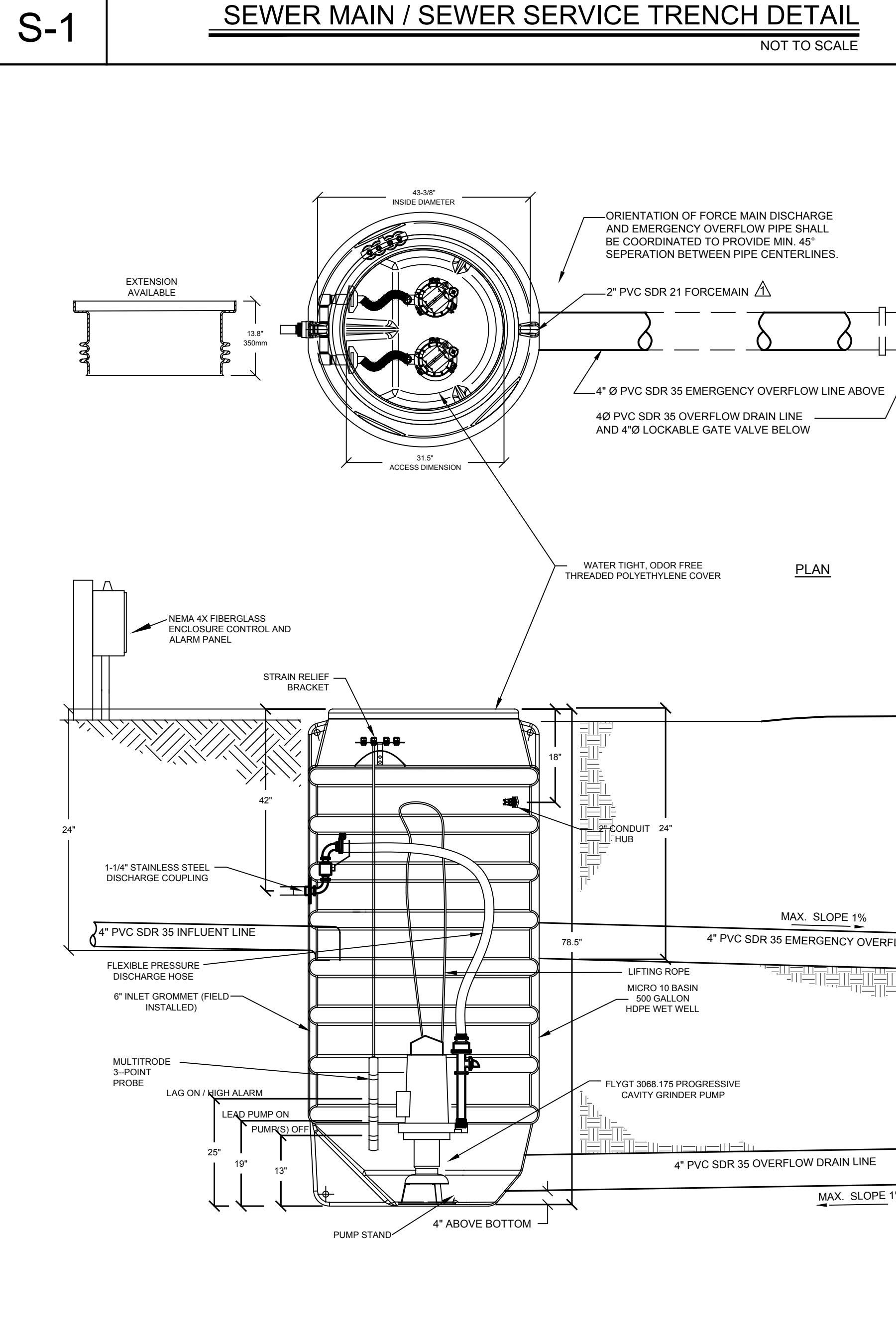
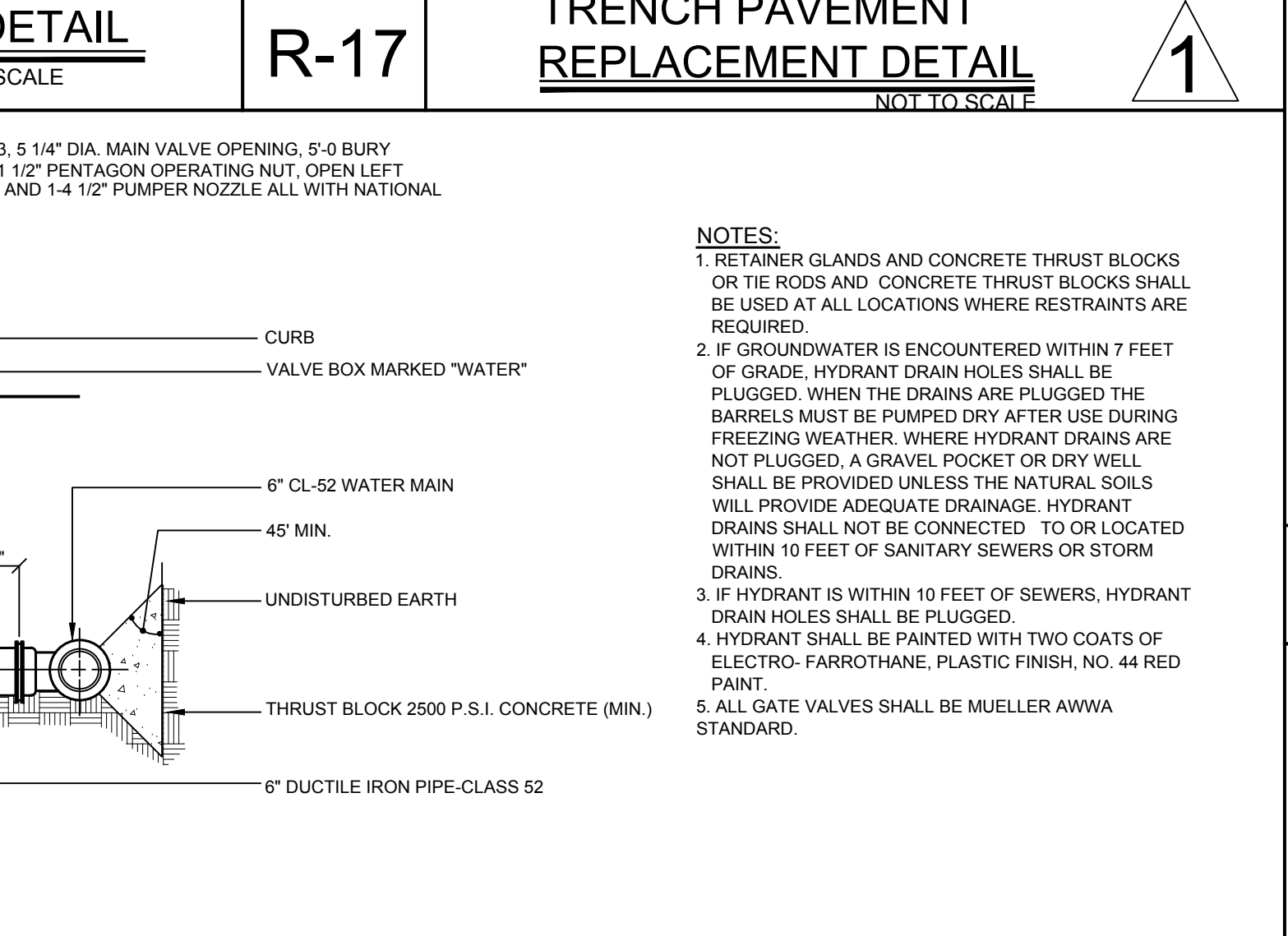
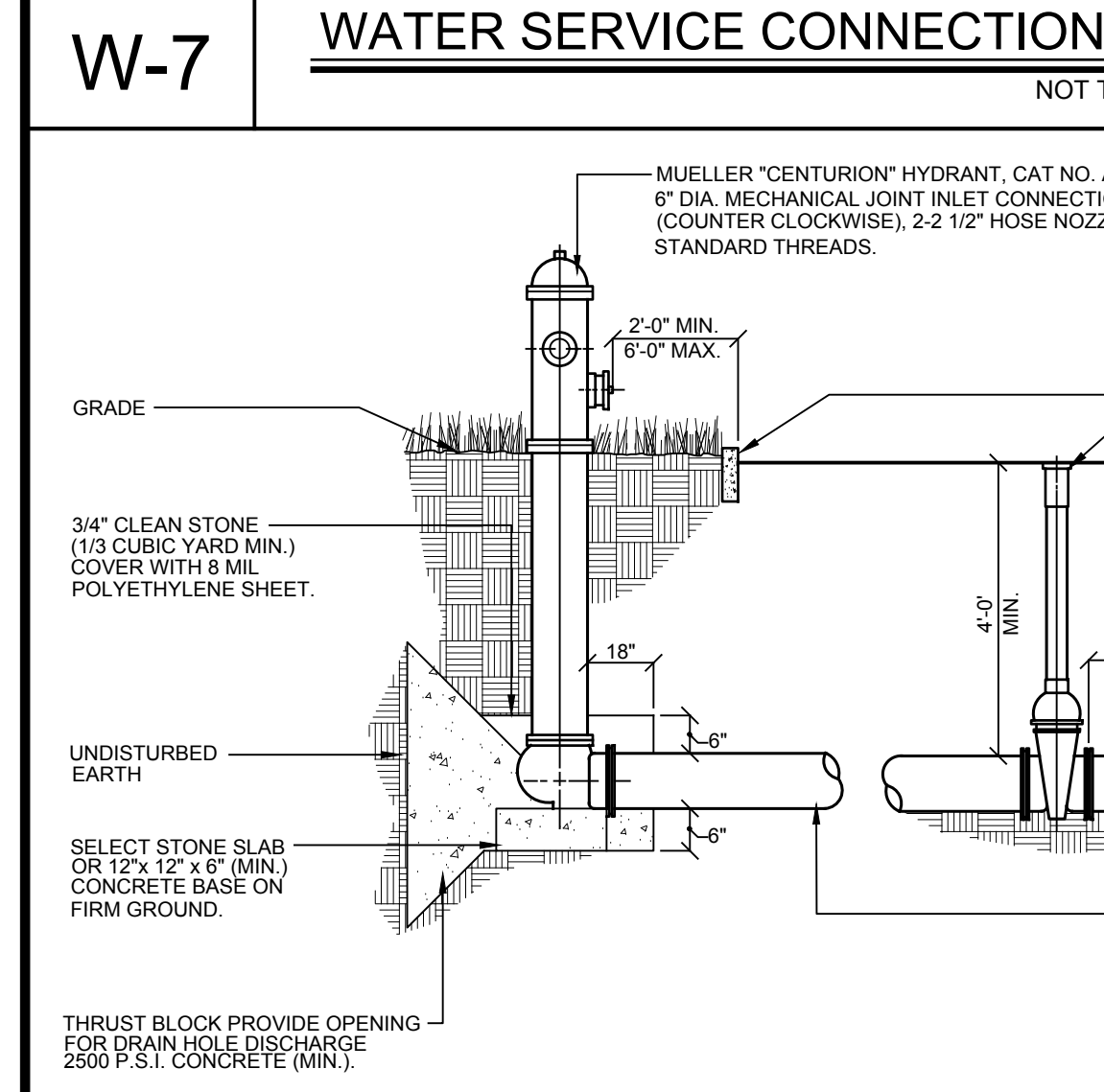
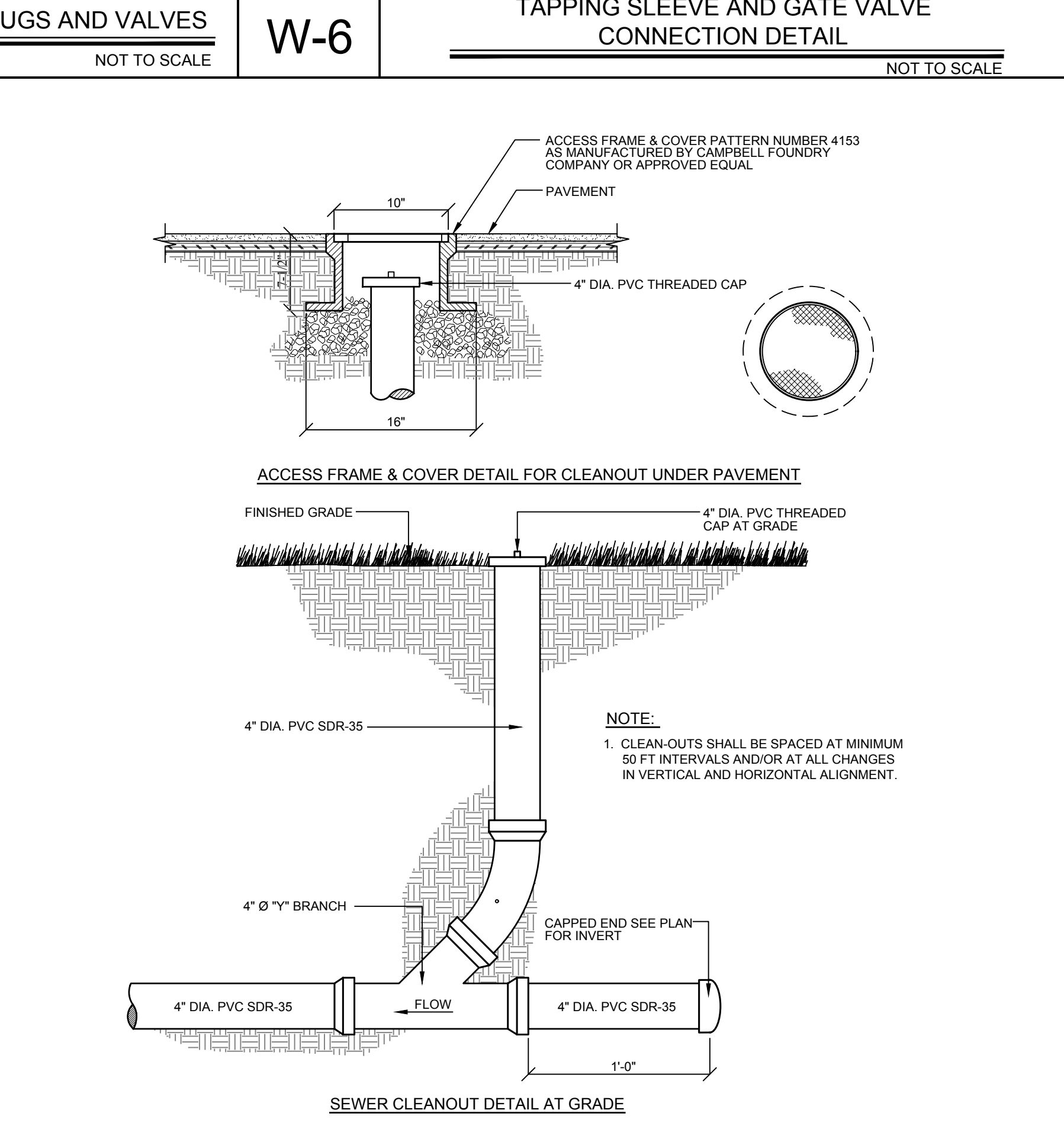
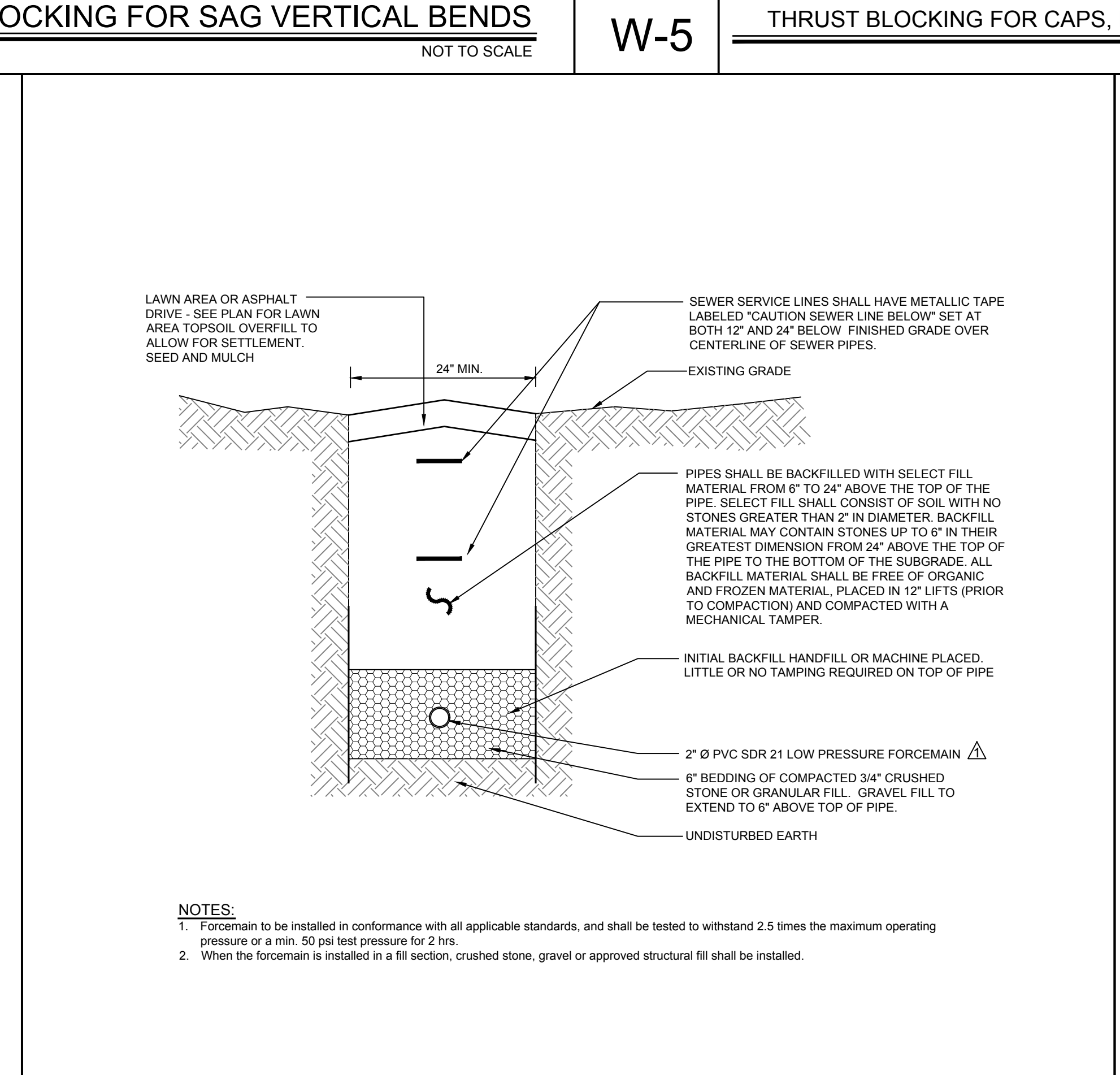
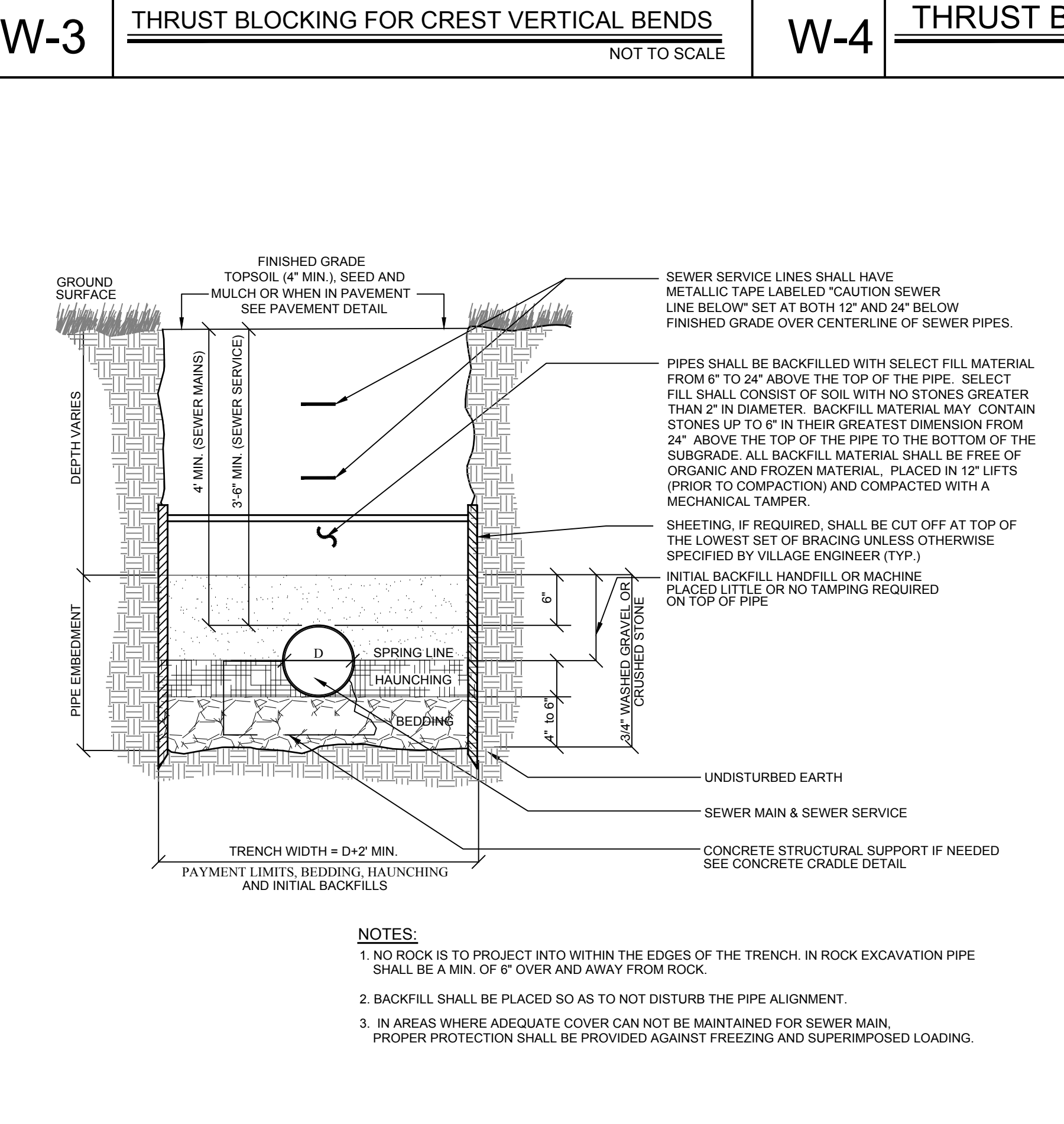
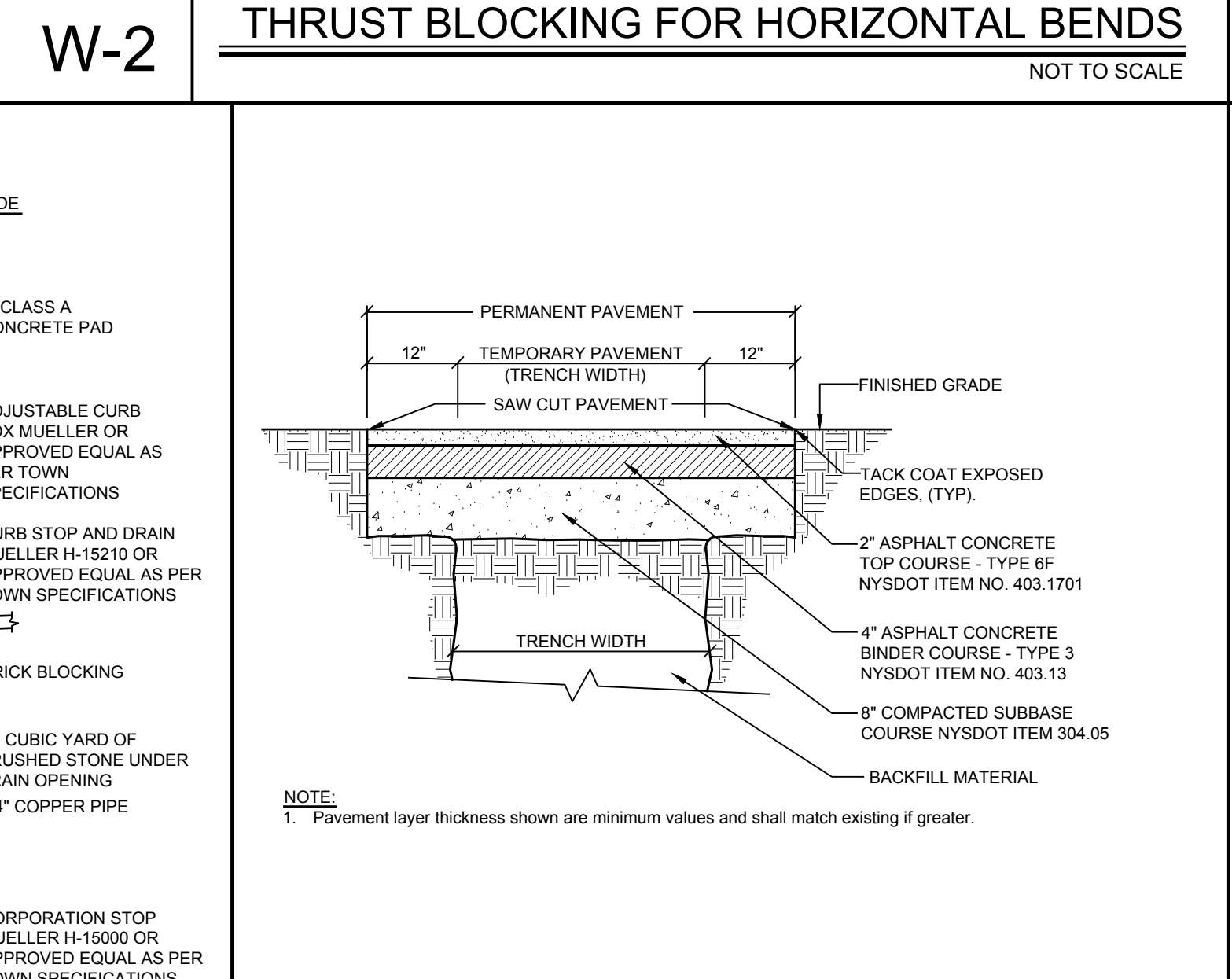
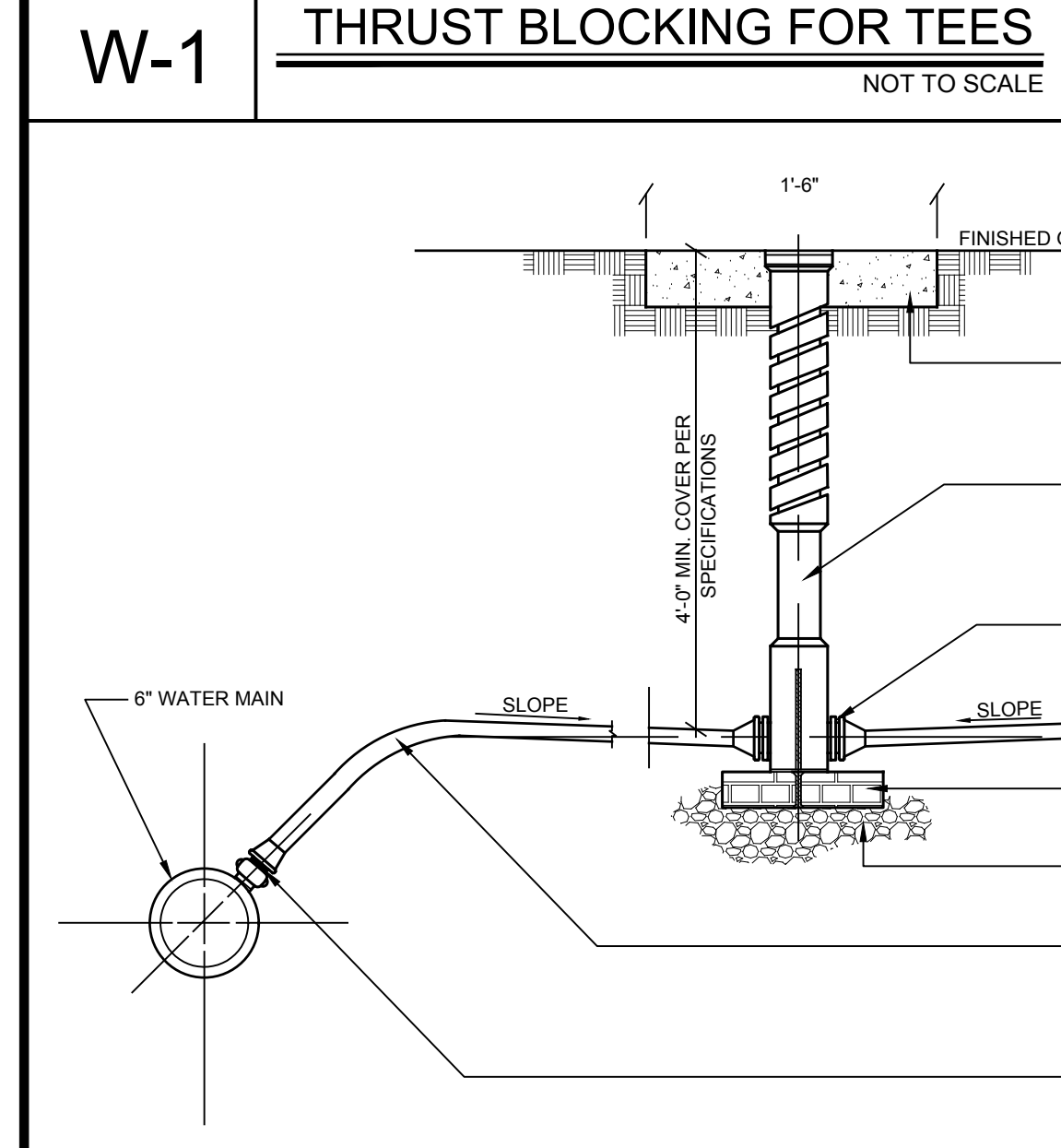
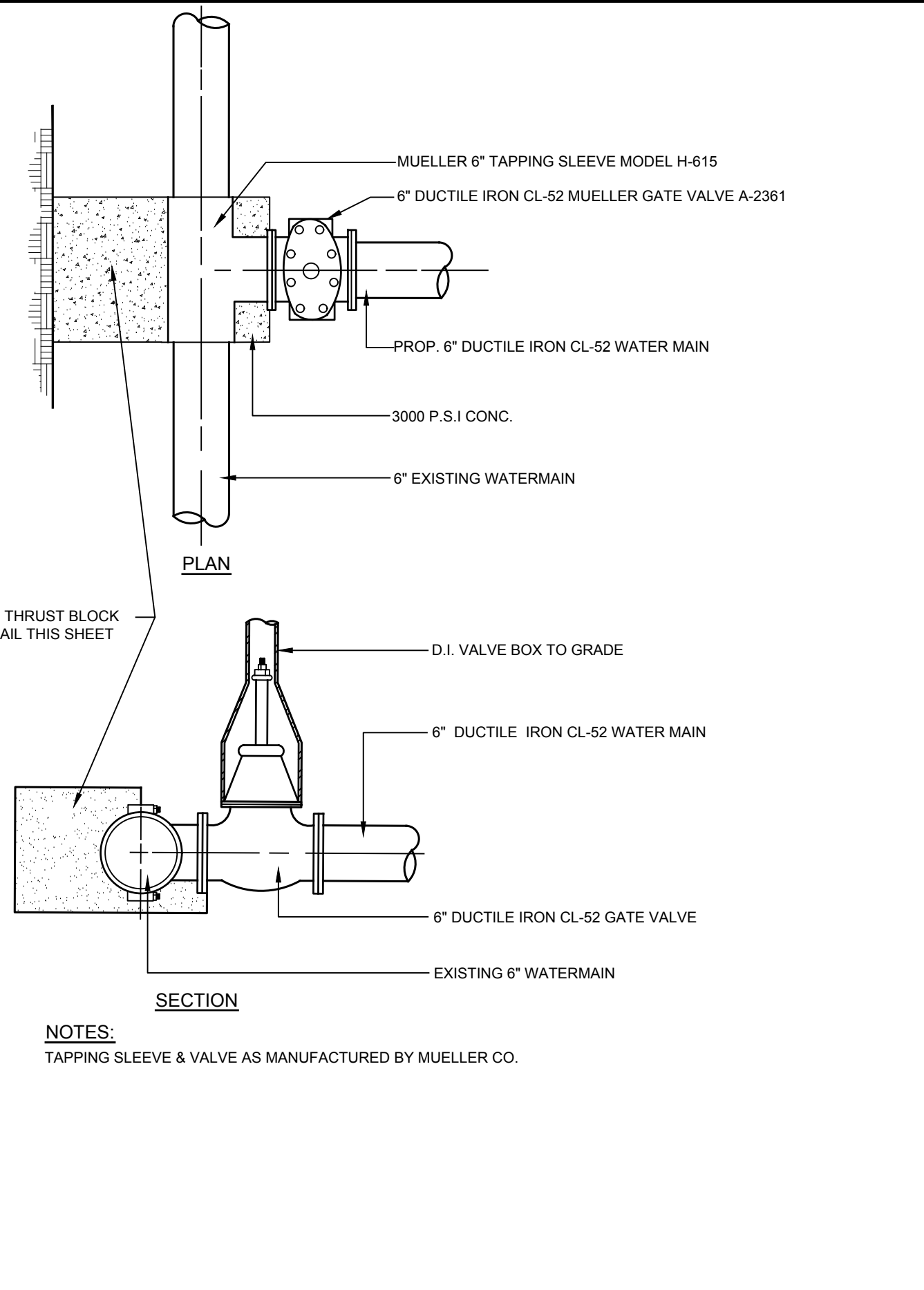
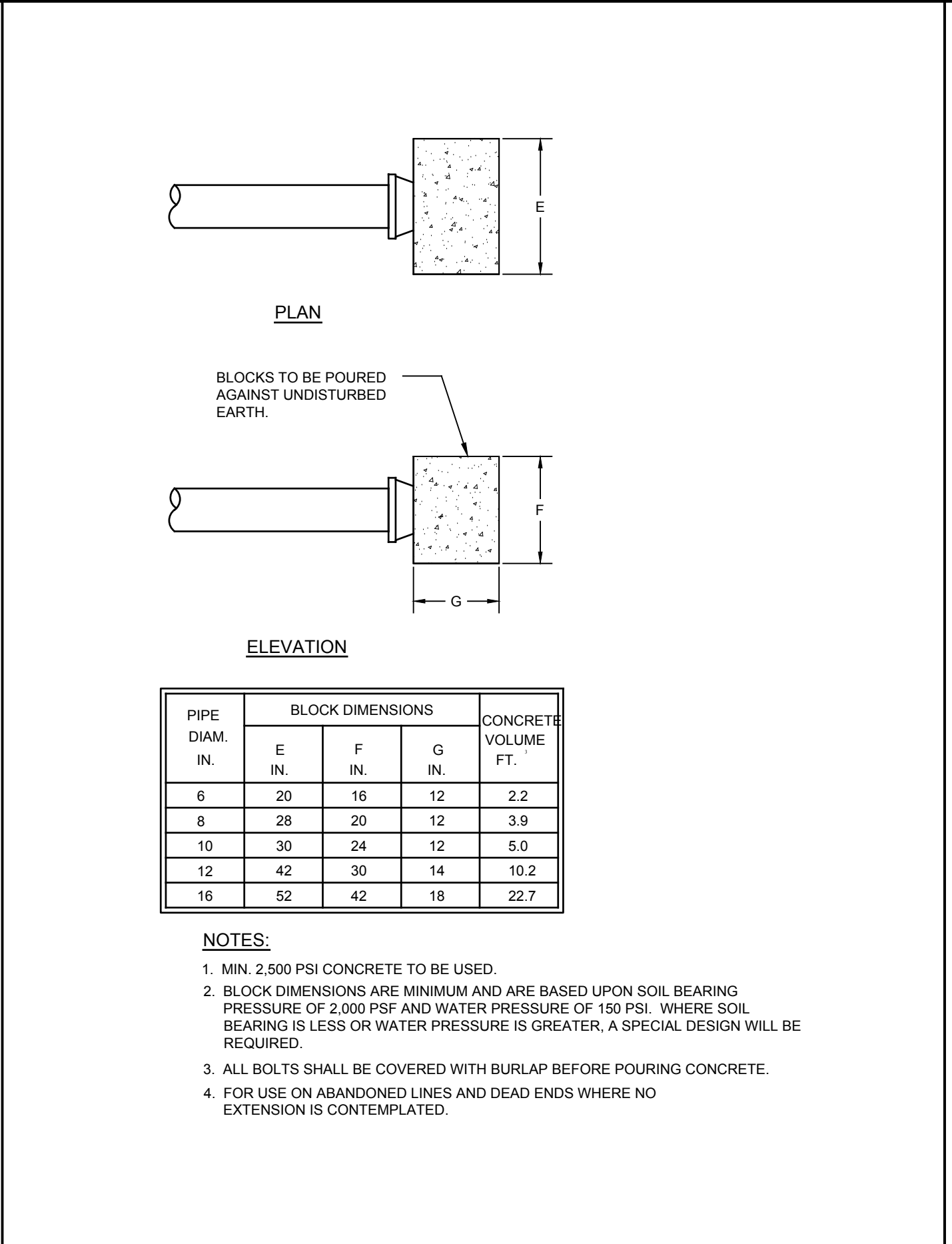
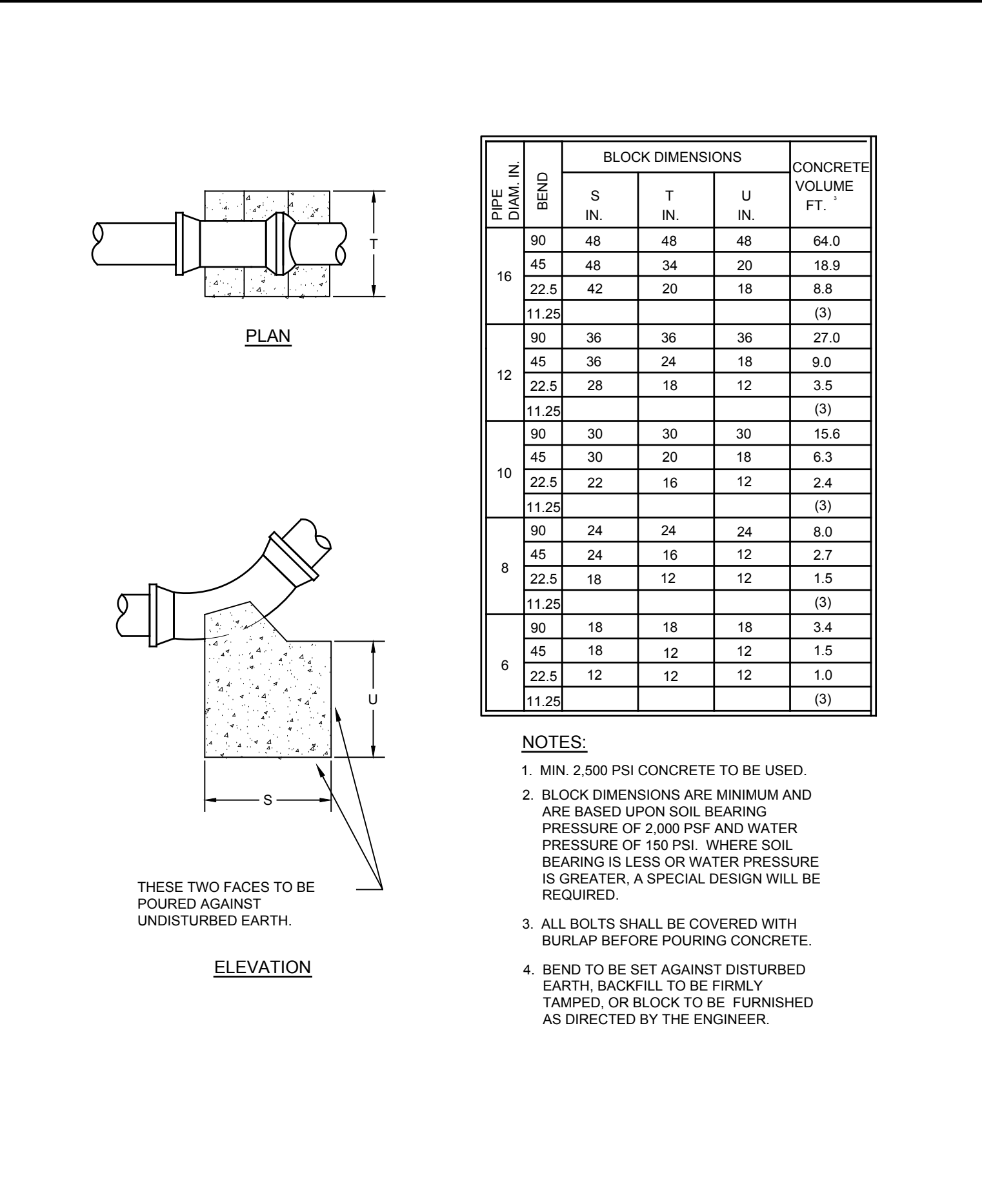
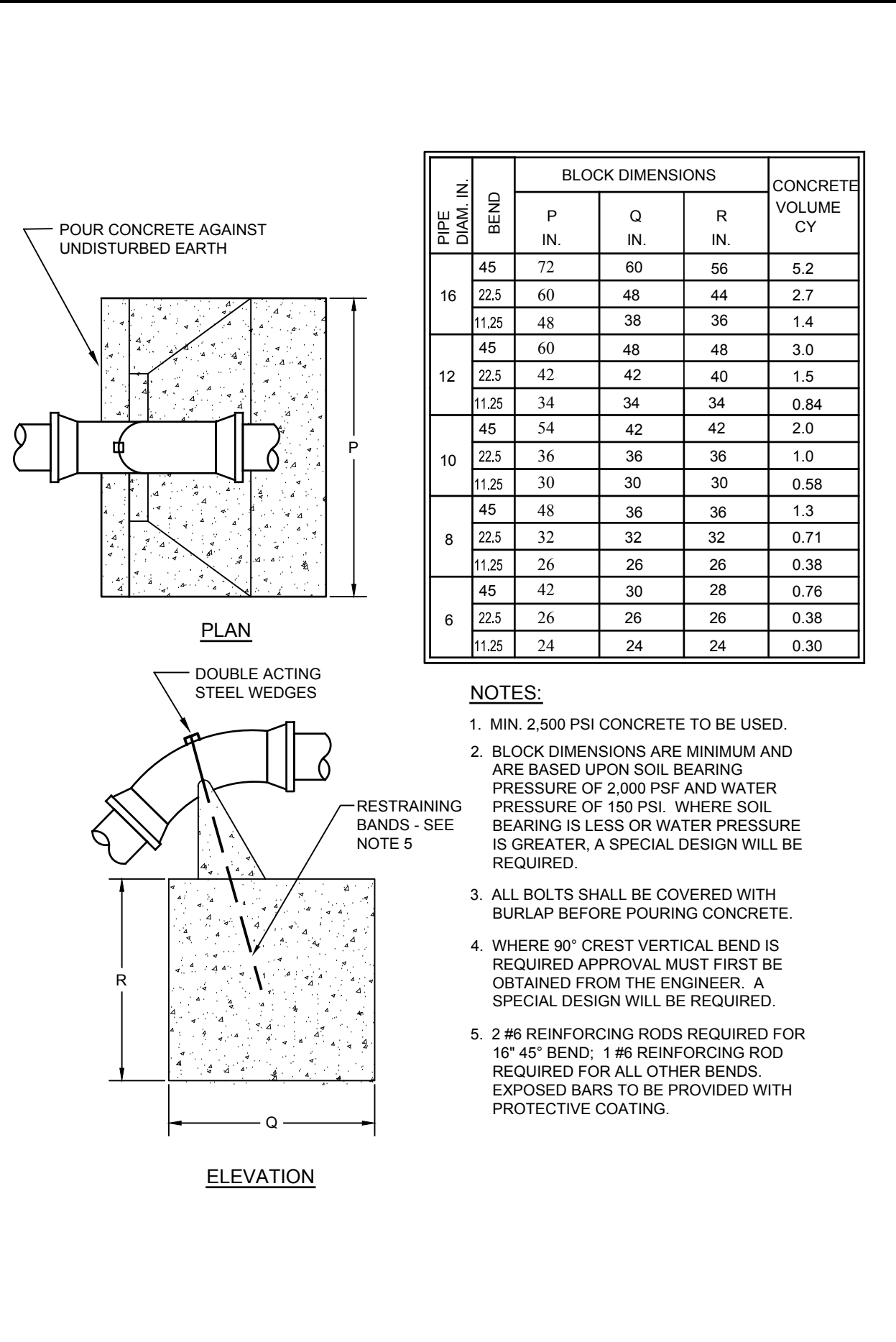
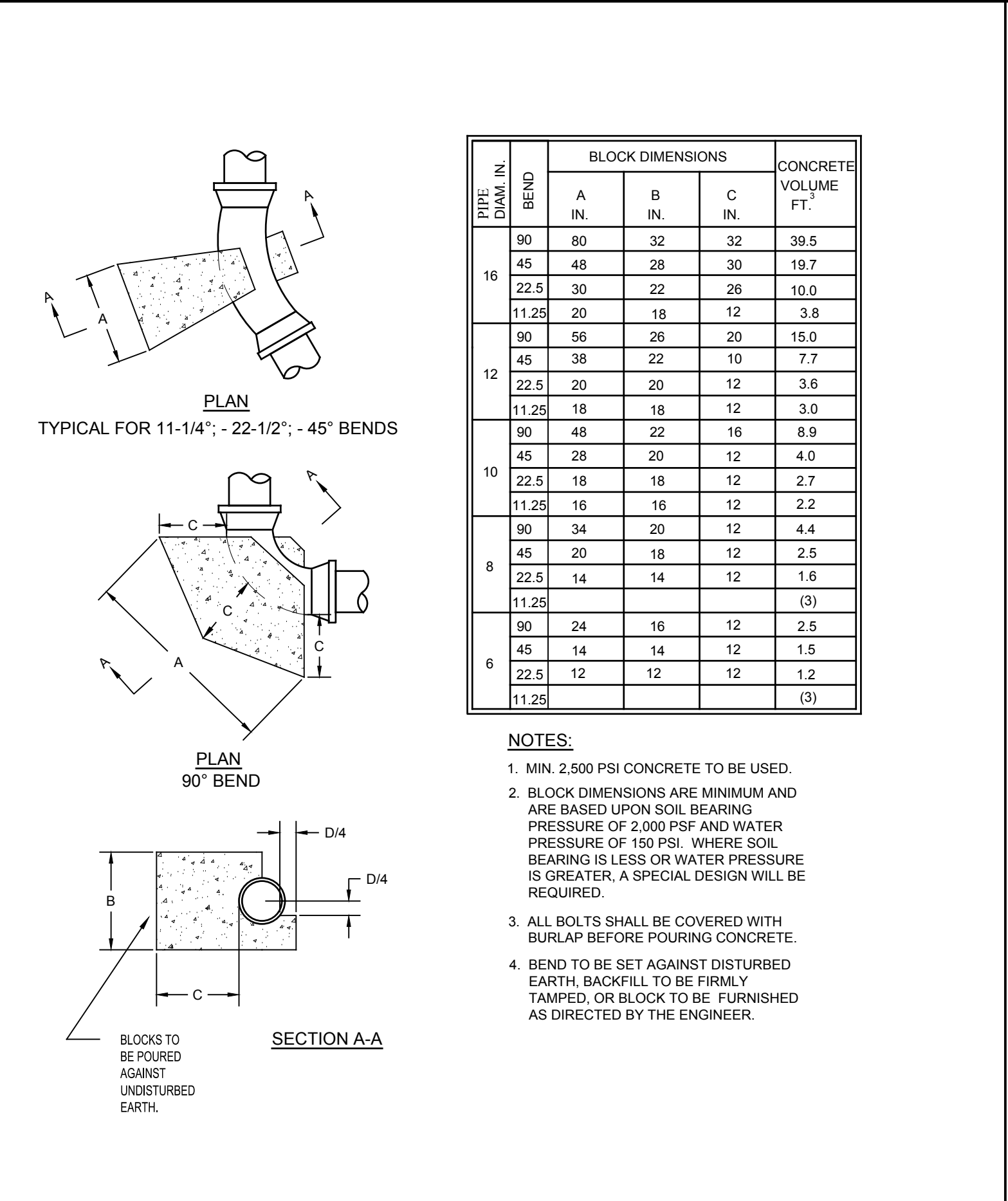
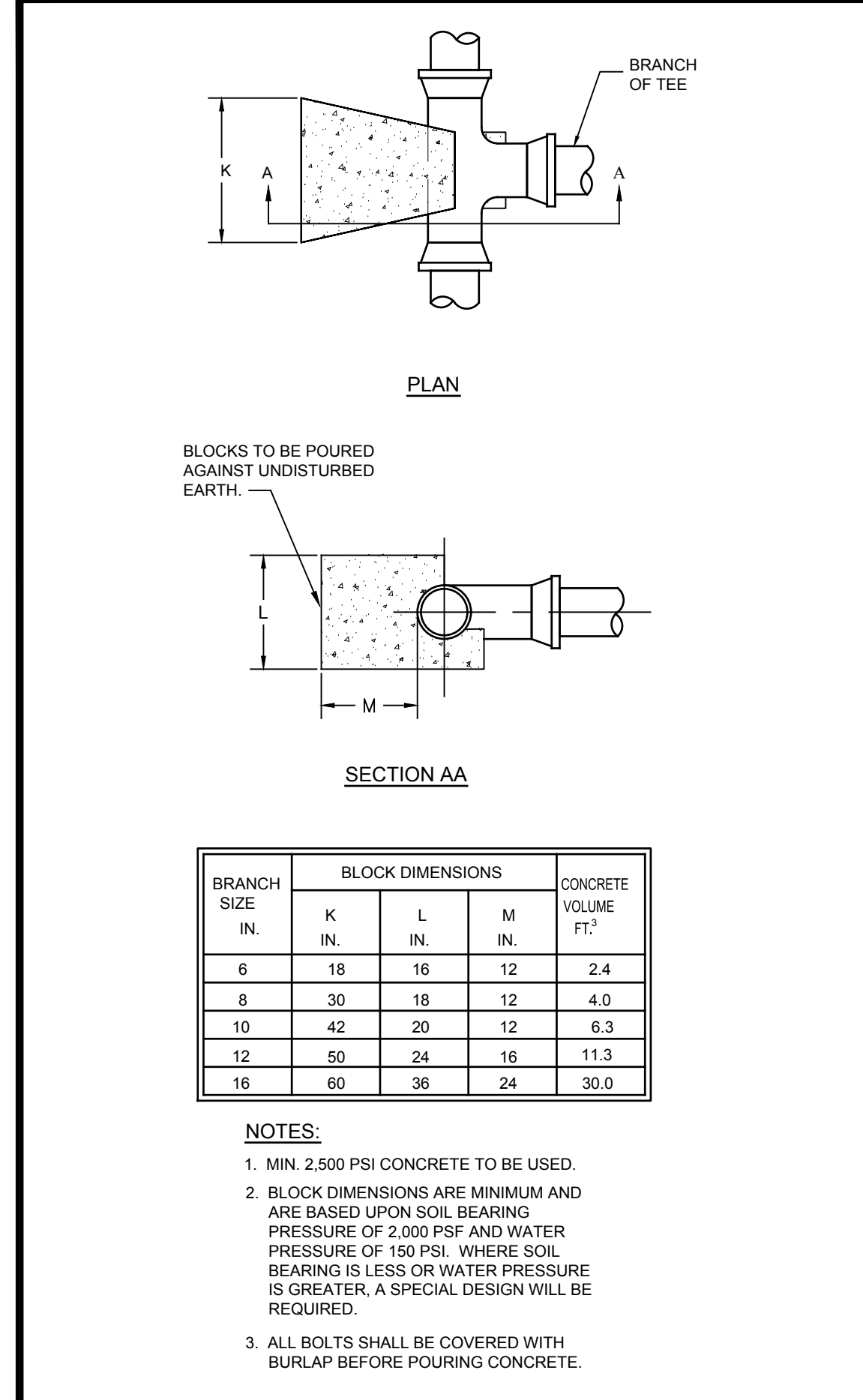
SW-5 GRASS SWALE DETAIL
NOT TO SCALE



SW-6 STONE RIP-RAP LEVEL-LIP SPREADER DETAIL
NOT TO SCALE



NO.	DATE	COMMENTS
1	10/1/14	ISSUED FOR PERMIT
2	10/1/14	ISSUED FOR PERMIT
3	10/1/14	ISSUED FOR PERMIT
4	10/1/14	ISSUED FOR PERMIT
5	10/1/14	ISSUED FOR PERMIT
6	10/1/14	ISSUED FOR PERMIT
7	10/1/14	ISSUED FOR PERMIT
8	10/1/14	ISSUED FOR PERMIT
9	10/1/14	ISSUED FOR PERMIT
10	10/1/14	ISSUED FOR PERMIT



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PROJECT # 13-105

SCALE: NTS
 DRAWN BY: TK
 DATE: 5-1-17

UTILITY DETAILS

GRANITE KNOLLS SPORTS COMPLEX
 STONY STREET
 Town of Yorktown, Westchester County, New York

SHEET C-503

GOAL POST DETAIL
SCALE: NTS

NOTE: FIELD VERIFY ALL DIMENSIONS
GOAL POST COVER TYPE "A"
2 SETS REQD AS SHOWN
GOAL POST COVER TYPE "B"
2 SETS REQD AS SHOWN

Goal Post Covers	
SCALE: AS SHOWN	DATE: 01/01/05
DRAWN BY:	APPROVED BY:
CHECKED BY:	PAGE NO.: 21

GOAL POST DETAIL
SCALE: NTS

2x4 LID SUPPORT
2x8 FORM TO REMAIN
3' DIAMETER CONCRETE FOUNDATION

Goal Post Foundation Plan	
SCALE: AS SHOWN	DATE: 01/01/05
DRAWN BY:	APPROVED BY:
CHECKED BY:	PAGE NO.: 19

GOAL POST DETAIL
SCALE: NTS

SYNTHETIC TURF SECURED TO WOOD
(2) LAYERS 3/4" TREATED PLYWOOD
TREATED 2x4 LID SUPPORT
TREATED 2x8 FORM TO REMAIN FLUSH WITH TOP OF CONCRETE
#3 REBAR @ 1' O.C.E.W.
CONCRETE FOUNDATION 3000 PSI @ 28 DAYS
GOAL POST SLEEVE
1"Ø DRAIN HOLE

NOTE: REFER TO MFGS SPECS FOR SLEEVE DISTANCE BELOW FG

Goal Post Foundation Section	
SCALE: AS SHOWN	DATE: 01/01/05
DRAWN BY:	APPROVED BY:
CHECKED BY:	PAGE NO.: 20

TURF EDGE DETAIL
SCALE: NTS

SYNTHETIC TURF SURFACE
6" FREE DRAINING STONE
6" X 12" CONCRETE CURB
2x4 TREATED WOOD NAILER FASTENED TO CONCRETE - SECURE TURF TO NAILER.
COMPACTED SUBGRADE SLOPED FOR DRAINAGE
COMPOSITE DRAINS @ 15' O.C.
HDPE PERFORATED PIPE SIZE DETERMINED BY SITE HYDROLOGY
GEOTEXTILE/MOISTURE BARRIER

Turf at Concrete Curb	
SCALE: AS SHOWN	DATE: 01/01/05
DRAWN BY:	APPROVED BY:
CHECKED BY:	PAGE NO.: 14

SYNTHETIC TURF ATHLETIC FIELD ELEVATION SECTION VIEW

DETAIL AT PERIMETER DRAIN

1. PIPE INSTALLATION (DEPTH, SPACING, SLOPE AND BACKFILL MATERIAL SHALL BE DETERMINED AND SPECIFIED BY DESIGN ENGINEER.
2. THE USE OF FABRIC AROUND ADVANCEGE OR IN THE TRENCH SHALL BE DETERMINED BY DESIGN ENGINEER TAKING INTO ACCOUNT THE PARTICLE SIZE DISTRIBUTION OF THE BACKFILL AND INSTALLED MATERIAL.

SYNTHETIC TURF ATHLETIC FIELD DRAIN PROFILE

SYNTHETIC ATHLETIC TURF THICKNESS SPECIFIED PER PROJECT PLANS
2" OF TOP STONE, AS PER SPECS, COMPACTED TO 95% PROCTOR
4" BOTTOM STONE, AS PER SPECS, COMPACTED TO 95% PROCTOR
TENSAR TX-1305 GEOTGRID
ADVANCEGE (TM) AS SPECIFIED, LAY FLAT ON THE SUBGRADE OR FABRIC.
SECURE ADVANCEGE WITH 60 PENNY NAILS OR EXACT TAKE, AS REQUIRED.
NATURAL SOIL, COMPACTED PER PROJECT PLANS

NOTES:
1. PIPE INSTALLATION (DEPTH, SPACING, SLOPE AND BACKFILL MATERIAL SHALL BE DETERMINED AND SPECIFIED BY DESIGN ENGINEER.
2. THE USE OF FABRIC AROUND ADVANCEGE OR IN THE TRENCH SHALL BE DETERMINED BY DESIGN ENGINEER TAKING INTO ACCOUNT THE PARTICLE SIZE DISTRIBUTION OF THE BACKFILL AND INSTALLED MATERIAL.

TF-1 SYNTHETIC TURF MULTIPURPOSED FIELD DRAIN LAYOUT
NOT TO SCALE

TF-2 SYNTHETIC TURF BASEBALL FIELD DRAIN LAYOUT
NOT TO SCALE

TF-3 TURF DRAINAGE COLLECTOR CLEAN-OUT DETAIL
NOT TO SCALE

NOTE: FABRICATED FITTINGS ARE AVAILABLE IN TEES, WYES, REDUCERS, 45° BENDS. WATER TIGHT (WT) JOINTS SHOWN. SOIL-TIGHT (ST) FITTINGS ARE ALSO AVAILABLE.

NYLOPLAST CLEANOUT END CAP ADJUST GRADE PER ENGINEER'S PLAN
FABRICATED HDPE ST 15" X 6" 45° WYE
WT BELL-BELL COUPLER (TYP)
15" PERFORATED HDPE PIPE (TYP.)
INJECTION MOLDED WT TEE
INSERT INJECTION MOLDED, GASKETED SPIGOT BY BELL REDUCER

BS-1 BASEBALL BACKSTOP DETAIL
NOT TO SCALE

ELEVATION VIEW
PLAN VIEW

WELDED GALV. PIPE ELBOW
MILL IRON POST CAP
CONCRETE FOOTING
FINISH GRADE

SCALE: AS SHOWN

R-18 PUTTING GREEN AND PICNIC AREA SURFACE DETAIL
NOT TO SCALE

PICNIC AREA
FINISHED GRADE
3" OF PEA GRAVEL
MIRAFI TENCATE N-SERIES, STYLE 140NC NON-WOVEN POLY-PROPYLENE GEOSYNTHETIC
COMPACTED SUBGRADE
CEMENT GROUT
UNLOCK LINEO DIMENSIONAL STONE XL RECTANGULAR, ALMOND GROVE COLOR

BL-1 BLEACHER DETAIL
NOT TO SCALE

DETAIL "A" - STRAP HEAD DETAIL
DETAIL "B" - GROUND SILL ATTACHMENT

OPTIONAL LAUGER ANCHOR BLEACHER TO GROUND SILLS *

INDICATES LOCATIONS OF GROUND AUGERS

BS-1 BASEBALL BACKSTOP DETAIL
NOT TO SCALE

ELEVATION VIEW
PLAN VIEW

WELDED GALV. PIPE ELBOW
TOP TO BE COVERED WITH 2 MESH ON TOP OF PIPE FRAME #19 GAUGE
GALV. TENSION BANDS 1 5/8" O.D. BARS 1/4" X 3/4" BOTH SIDES

SCALE: AS SHOWN

Site Design Consultants
Civil Engineers & Land Planners
251-F Uncliff Rd., Yorktown Heights, NY 10596
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www.sitesdesignconsultants.com

PROJECT # 1346

STATE OF NEW YORK
SEAL OF THE STATE ENGINEER
JAMES J. VENTURA, P.E.
REGISTERED PROFESSIONAL ENGINEER
NO. 10000
EXPIRES 12/31/2017

SCALE: NTS
DATE: 5-1-17
DRAWN BY: TK

GRANITE KNOLLS SPORTS COMPLEX
TOWN OF YORKTOWN
WESTCHESTER COUNTY, NEW YORK

TURF FIELD & HANDBALL RESTORATION DETAILS

SITE PLAN PREPARED FOR
STONY STREET

Sheet **C-506**