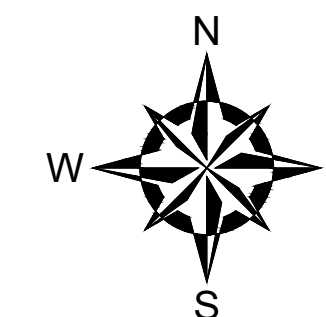


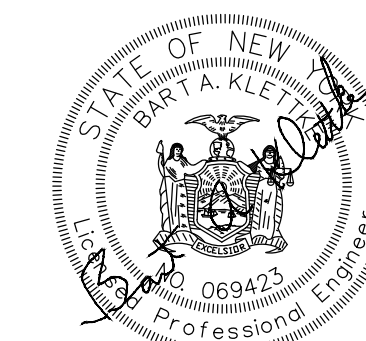
COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD SITE DEVELOPMENT PLANS



LOCATION MAP
NOT TO SCALE

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CC501	STORMWATER BASIN "B" DETAILS (10 OF 14)
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COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD, SKANEATELES
COUNTY OF ONONDAGA, STATE OF NEW YORK



GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

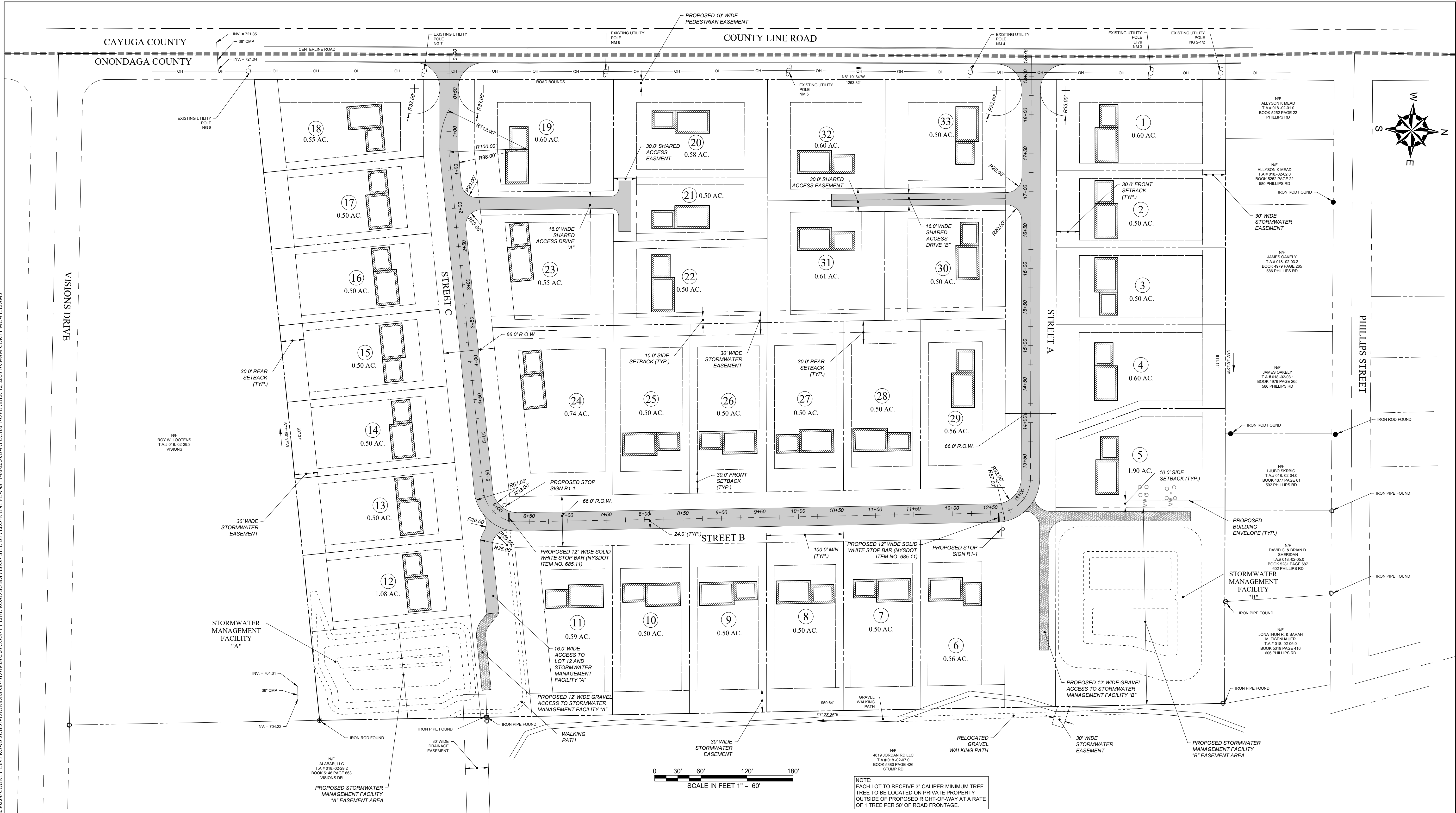
JUNE 01, 2020
REVISED: 11/09/2020

GC001 - COVER SHEET
SHEET 01 OF 14

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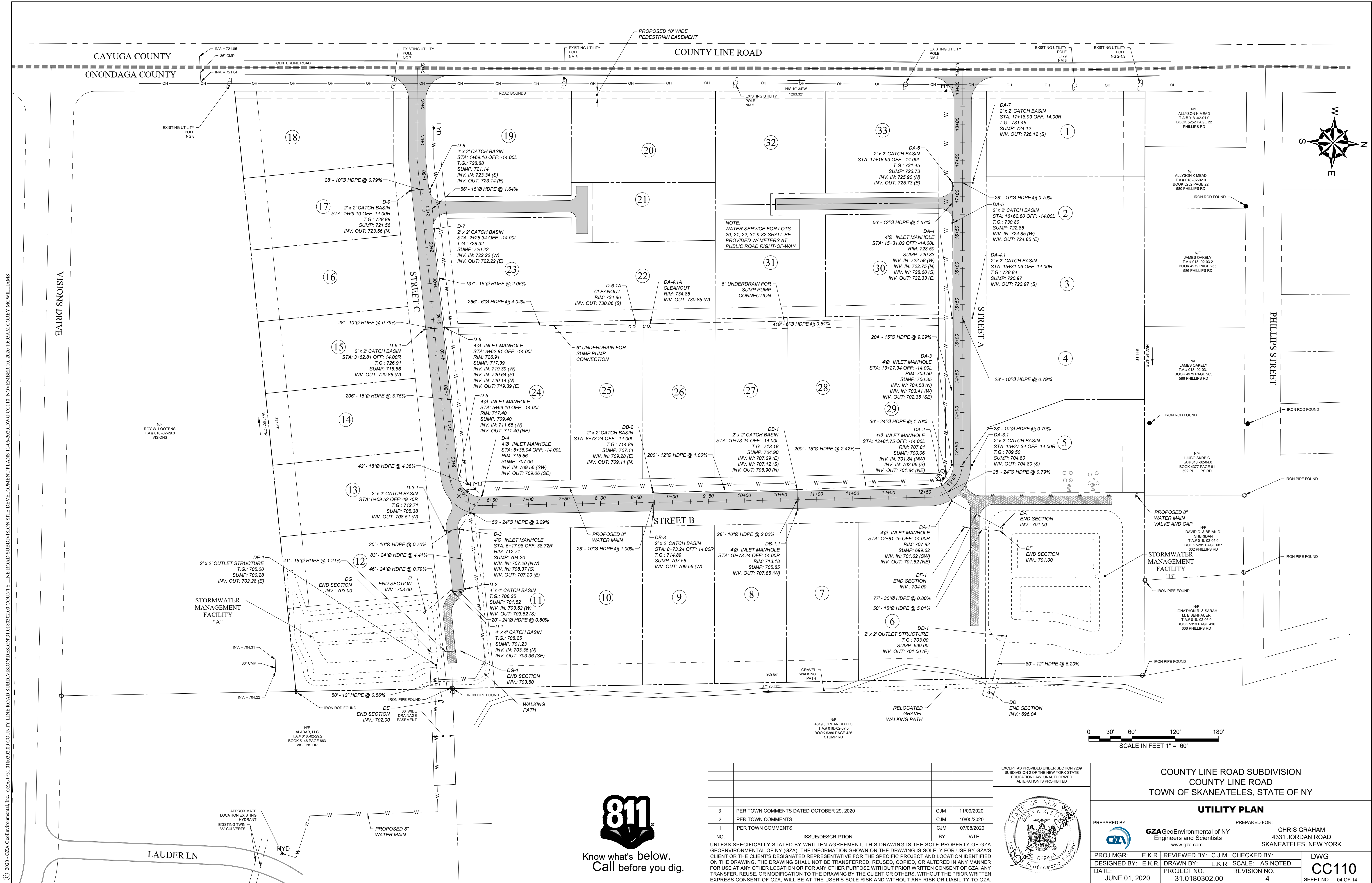


Know what's below.
Call before you dig.



				EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATOR LAW, UNAUTHORIZED ALTERATION IS PROHIBITED		COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY					
						SITE PLAN					
PREPARED BY:		GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com				PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK					
PROJ MGR: E.K.R.		REVIEWED BY: C.J.M.				CHECKED BY:		DWG			
DESIGNED BY: E.K.R.		DRAWN BY: E.K.R.				SCALE: AS NOTED		CC100			
DATE: JUNE 01, 2020		PROJECT NO. 31.0180302.00				REVISION NO. 4		SHEET NO. 03 OF 14			
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL OF NY (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.											
4		PER TOWN COMMENTS DATED OCTOBER 29, 2020		CJM		11/09/2020					
3		PER TOWN COMMENTS		CJM		10/05/2020					
2		PER TOWN COMMENTS		CJM		08/04/2020					
1		PER TOWN COMMENTS		CJM		07/08/2020					
NO.		ISSUE/DESCRIPTION		BY		DATE					

© 2020 - GZA GeoEnvironmental, Inc. GZA-J-A-1-31.0180302.00 COUNTY LINE ROAD SUBDIVISION SITE DEVELOPMENT PLANS 11-06-2020/DWG CCI 10 NOVEMBER 10, 2020 1065AM COREY MCWILLIAMS



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Call before you dig.

NO.	ISSUE/DESCRIPTION	BY	DATE
3	PER TOWN COMMENTS DATED OCTOBER 29, 2020	CJM	11/09/2020
2	PER TOWN COMMENTS	CJM	10/05/2020
1	PER TOWN COMMENTS	CJM	07/08/2020
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL OF NY (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.			

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COUNTY LINE ROAD SUBDIVISION
COUNTY LINE ROAD
TOWN OF SKANEATELES, STATE OF NY

UTILITY PLAN

PREPARED BY: **GZA** GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR: CHRIS GRAHAM
4331 JORDAN ROAD
SKANEATELES, NEW YORK

PROJ MGR: E.K.R. REVIEWED BY: C.J.M. CHECKED BY: DWG
DESIGNED BY: E.K.R. DRAWN BY: E.K.R. SCALE: AS NOTED
DATE: JUNE 01, 2020 PROJECT NO. 31.0180302.00 REVISION NO. 4

CC110
SHEET NO. 04 OF 14

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Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
VOLUME	1.000	1.000	309732.51 Sq. Ft.	16075.45 Cu. Yd.	8863.06 Cu. Yd.	7212.39 Cu. Yd.<Cut>
Totals			309732.51 Sq. Ft.	16075.45 Cu. Yd.	8863.06 Cu. Yd.	7212.39 Cu. Yd.<Cut>

NOTE:
MATERIAL TO BE STOCKPILED ON SITE FOR FUTURE
USE. STOCKPILE TO BE STABILIZED AND
PROTECTED IN ACCORDANCE WITH NYSDEC
STANDARDS AND RECOMMENDATIONS.

0 30' 60' 120' 180'
SCALE IN FEET 1" = 60'

4	PER TOWN COMMENTS DATED OCTOBER 29, 2020	CJM	11/09/2020
3	PER TOWN COMMENTS	CJM	10/05/2020
2	PER TOWN COMMENTS	CJM	08/04/2020
1	PER TOWN COMMENTS	CJM	07/08/2020
NO.	ISSUE/DESCRIPTION	BY	DATE
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EXCEPT AS PROVIDED UNDER SECTION 7209
SUBDIVISION 2 OF THE NEW YORK STATE
EDUCATION LAW, UNAUTHORIZED
ALTERATION IS PROHIBITED

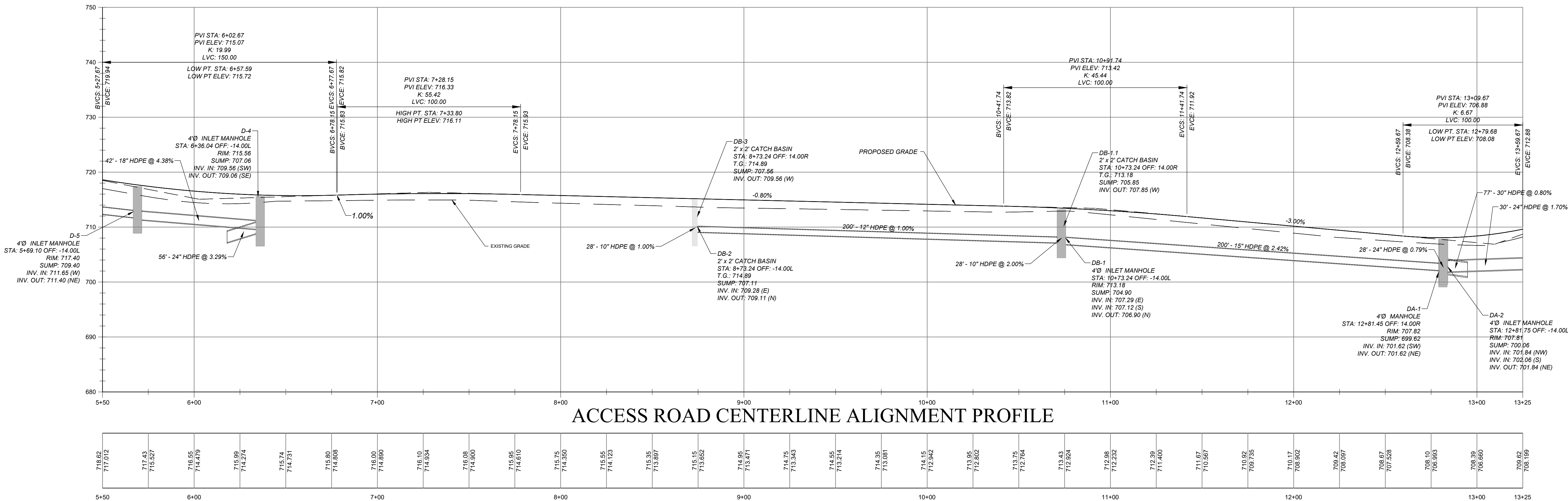
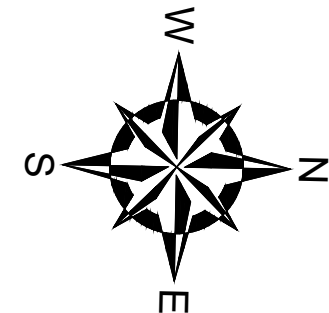
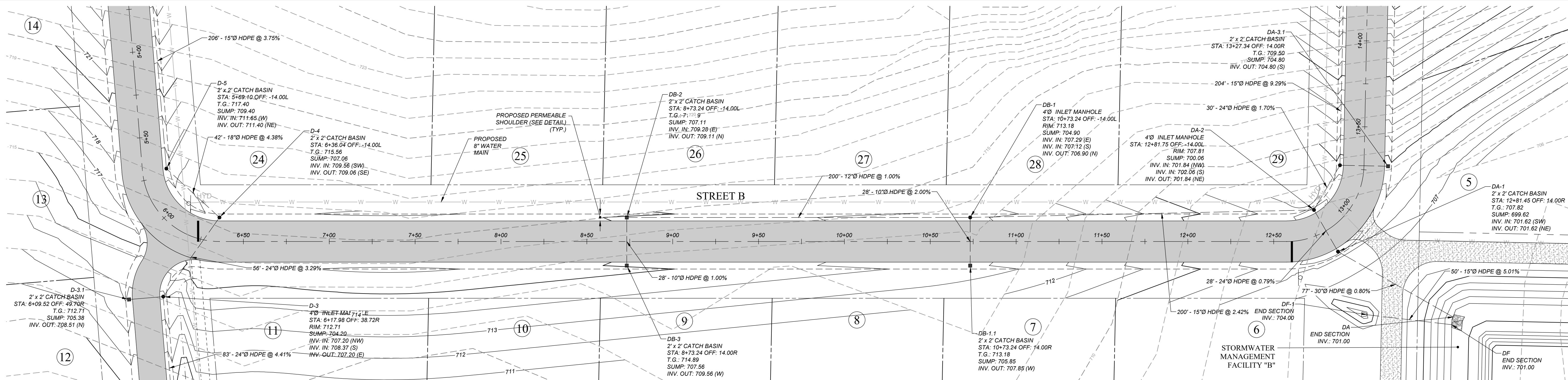


COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY

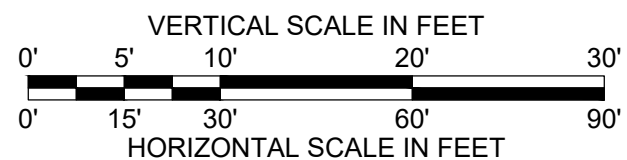
GRADING & EROSION CONTROL PLAN

PREPARED BY:	GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com	PREPARED FOR:	CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK
PROJ MGR:	E.K.R.	REVIEWED BY:	C.J.M.
DESIGNED BY:	E.K.R.	DRAWN BY:	E.K.R.
DATE:	MAY 15, 2020	PROJECT NO.	31.0180302.00
		CHECKED BY:	SCALE: AS NOTED
		REVISION NO.	4
		DWG	CC120
		SHEET NO.	05 OF 14

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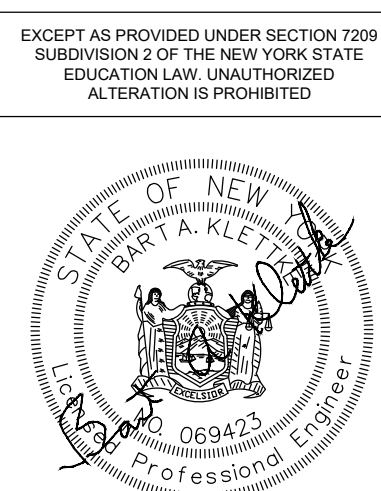


ACCESS ROAD CENTERLINE ALIGNMENT PROFILE



Know what's below.
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NO.	ISSUE/DESCRIPTION	BY	DATE
3	PER TOWN COMMENTS DATED OCTOBER 29, 2020	CJM	11/09/2020
2	PER TOWN COMMENTS	CJM	10/05/2020
1	PER TOWN COMMENTS	CJM	08/04/2020
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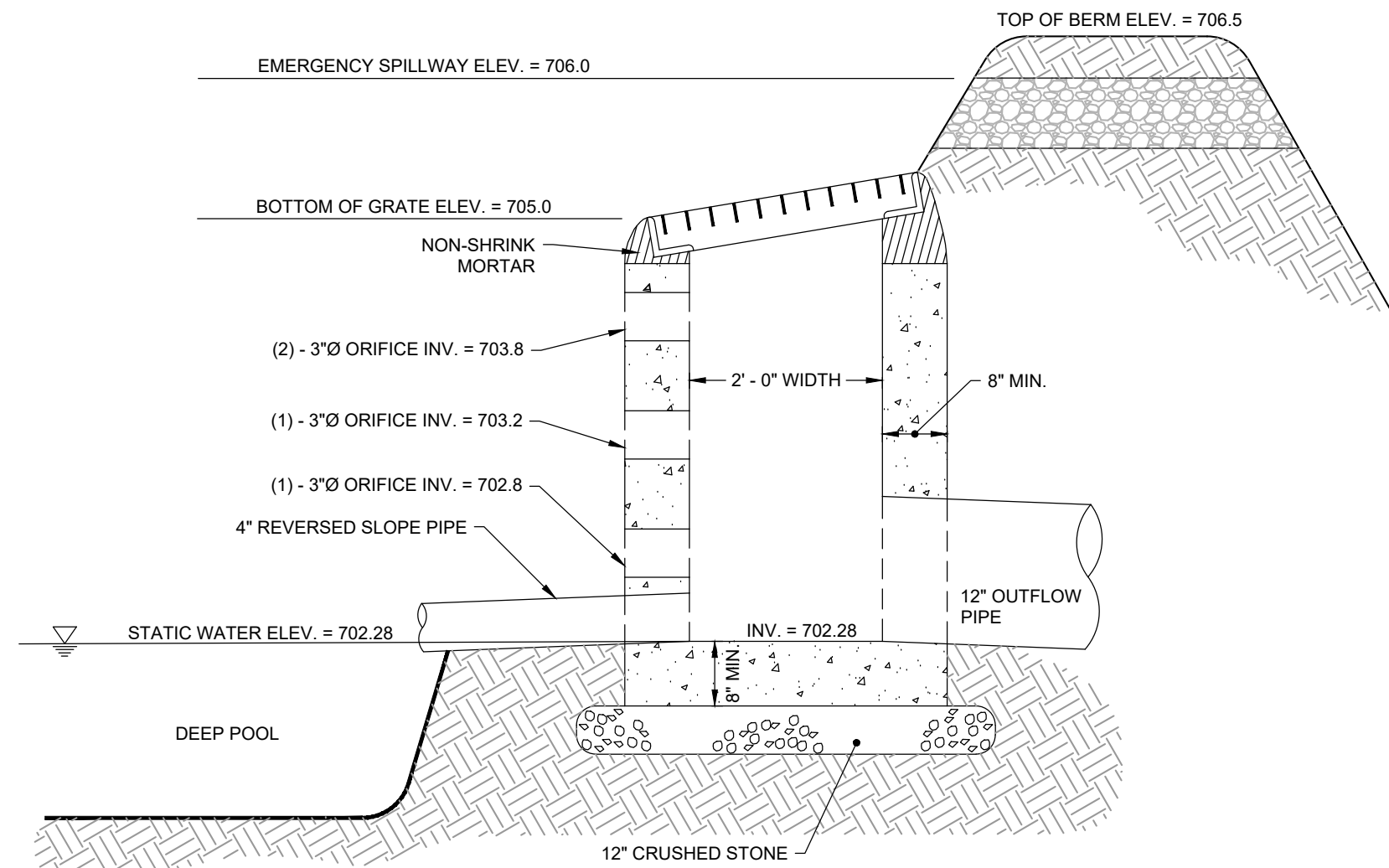
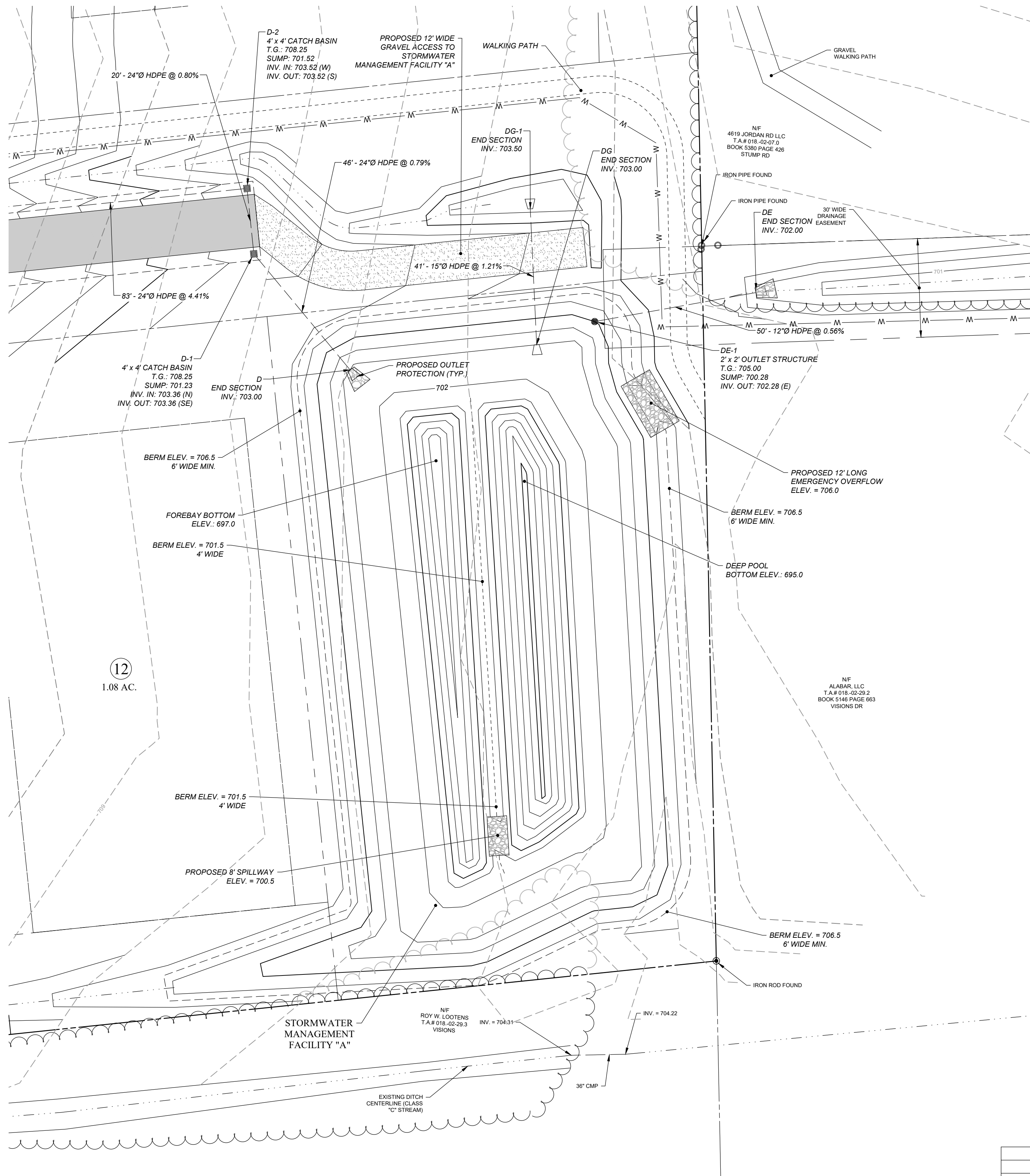


COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY			
STREET B PLAN & PROFILE			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK	
PROJ MGR: E.K.R.	DESIGNED BY: E.K.R.	REVIEWED BY: C.J.M.	CHECKED BY: E.K.R.
DATE: JUNE 01, 2020	PROJECT NO: 31.0180302.00	SCALE: AS NOTED	REVISION NO: 4
DWG CC131			SHEET NO. 07 OF 14

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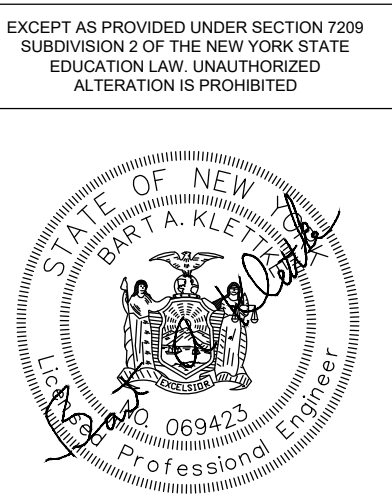
NOTES:

STORM DRAINAGE STRUCTURES SHALL BE REINFORCED CONCRETE DESIGN TO RESIST H20 LOADINGS. COAT INTERIOR AND EXTERIOR WITH (1) COAT BITUMASTIC BLACK SOLUTION. PROVIDE 8" MINIMUM WALL THICKNESS.

FRAME AND GRATE SHALL BE 3 FLANGE INLET FRAME AND GRATE AS MANUFACTURED BY NEENAH, MODEL R-3589-L (OR APPROVED EQUAL).

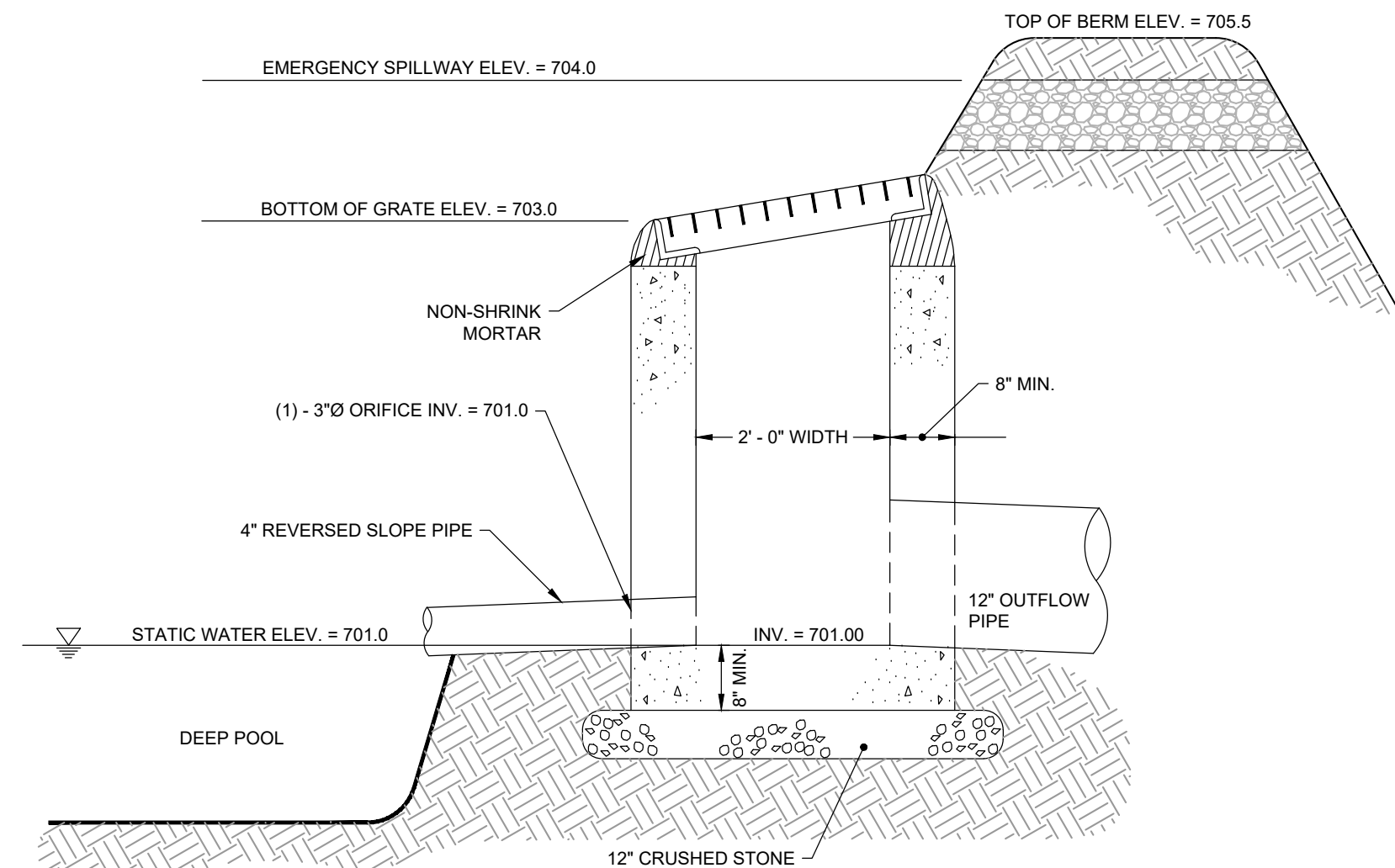
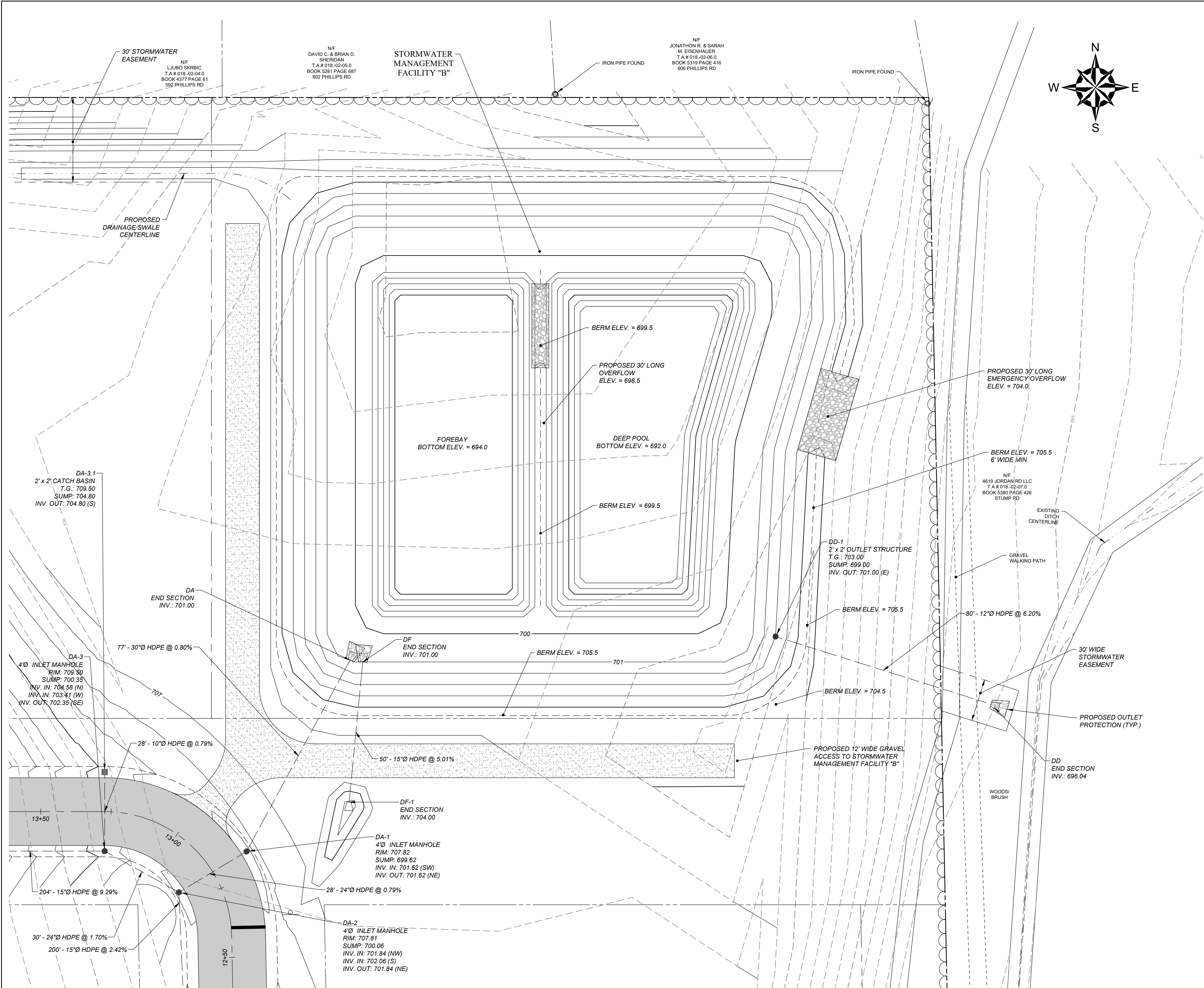
PRE-CAST CONCRETE DRAINAGE
STRUCTURE FOR STORMWATER BASIN A
NOT TO SCALE

4	PER TOWN COMMENTS DATED OCTOBER 29, 2020	CJM	11/09/2020		
3	PER TOWN COMMENTS	CJM	10/05/2020		
2	PER TOWN COMMENTS	CJM	08/04/2020		
1	PER TOWN COMMENTS	CJM	07/08/2020		
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COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY					
STORMWATER BASIN "A" DETAILS					
PREPARED BY:  GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com			PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK		
PROJ MGR: E.K.R.	REVIEWED BY: C.J.M.	CHECKED BY:		DWG	
DESIGNED BY: E.K.R.	DRAWN BY: E.K.R.	SCALE: AS NOTED		CC500	
DATE: JUNE 01, 2020	PROJECT NO. 31.0180302.00	REVISION NO. 4		SHEET NO. 09 OF 14	

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NOTES:

STORM DRAINAGE STRUCTURES SHALL BE REINFORCED CONCRETE DESIGN TO RESIST H20 LOADINGS. COAT INTERIOR AND EXTERIOR WITH (1) COAT BITUMASTIC BLACK SOLUTION. PROVIDE 8\"/>

FRAME AND GRATE SHALL BE 3 FLANGE INLET FRAME AND GRATE AS MANUFACTURED BY NEENAH, MODEL R-3589-L (OR APPROVED EQUAL).

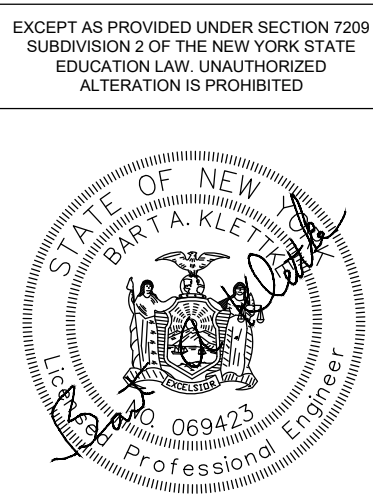
**PRE-CAST CONCRETE DRAINAGE
STRUCTURE FOR STORMWATER BASIN B**
NOT TO SCALE



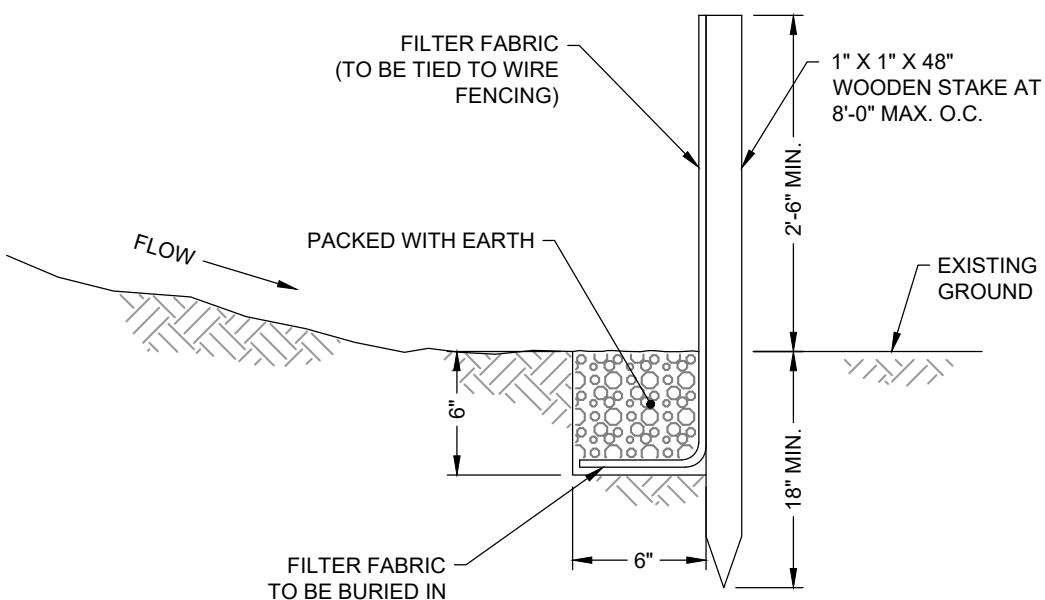
Know what's below.
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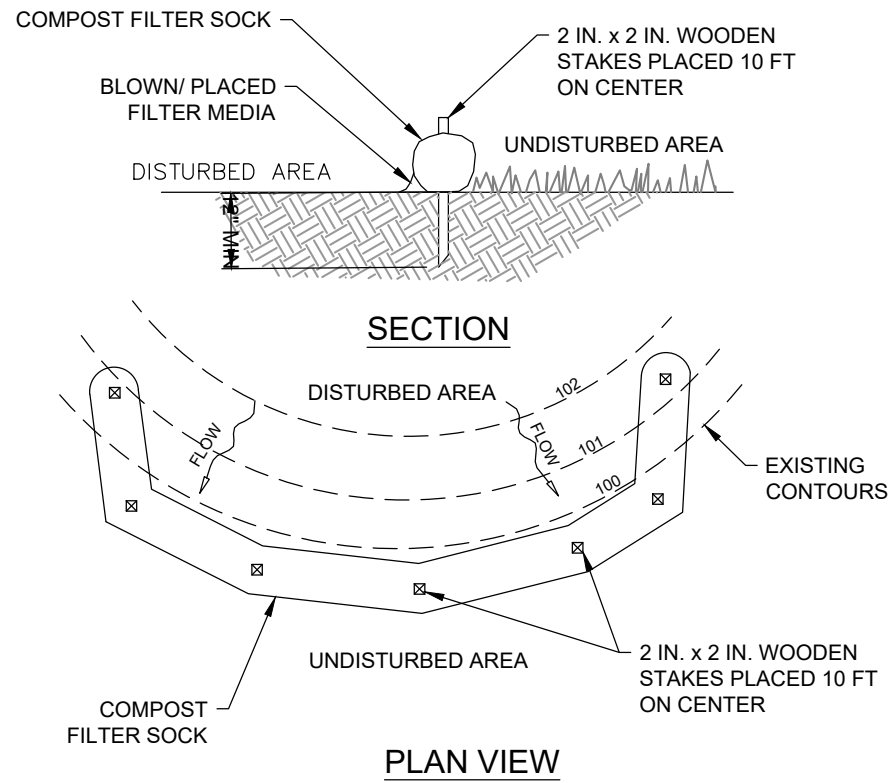
4	PER TOWN COMMENTS DATED OCTOBER 29, 2020	CJM	11/09/2020
3	PER TOWN COMMENTS	CJM	10/05/2020
2	PER TOWN COMMENTS	CJM	08/04/2020
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COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY			
STORMWATER BASIN "B" DETAILS			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK	
PROJ MGR: E.K.R.	REVIEWED BY: C.J.M.	CHECKED BY:	DWG
DESIGNED BY: E.K.R.	DRAWN BY: E.K.R.	SCALE: AS NOTED	CC501 SHEET NO. 10 OF 14
DATE: JUNE 01, 2020	PROJECT NO. 31.0180302.00	REVISION NO. 4	

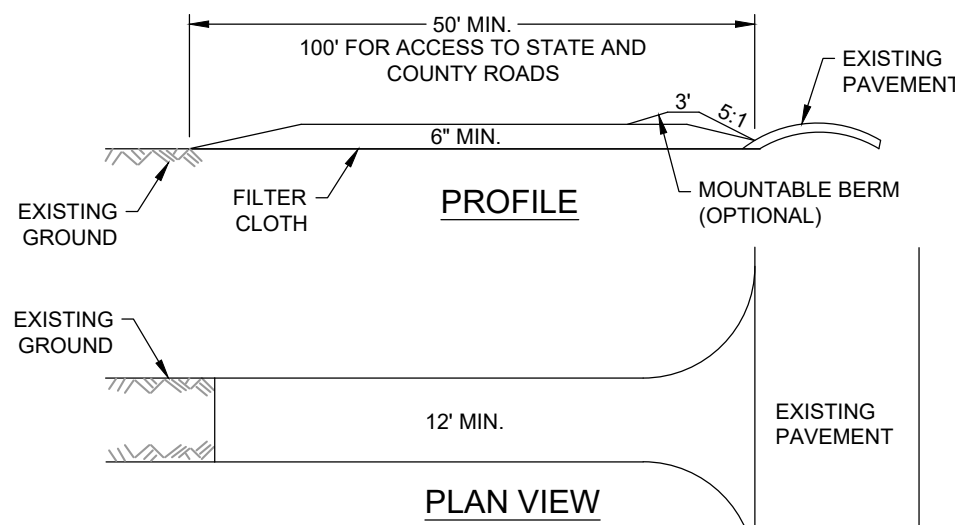


SILT FENCE DETAIL
NOT TO SCALE



- NOTES:
1. SOCK FABRIC SHALL MEET STANDARDS AND SPECIFICATIONS OUTLINED IN NYSDEC STORMWATER MANUAL.
 2. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING ELEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
 3. TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
 4. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
 5. COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OF REPLACED WITHIN 24 HOURS OF INSPECTION.
 6. BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 7. UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

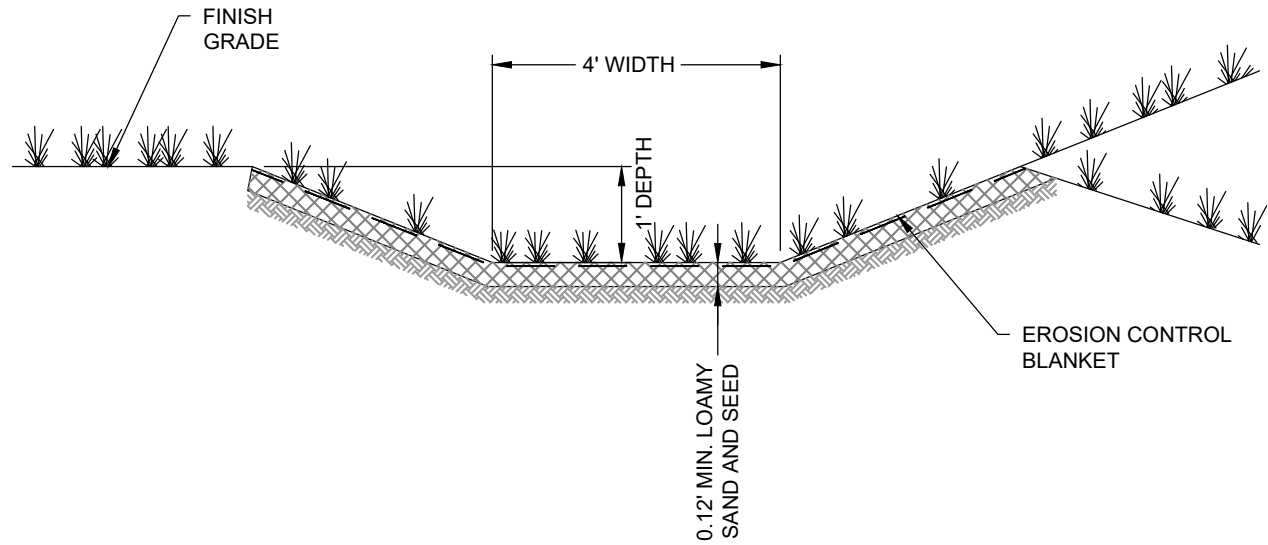
COMPOST FILTER SOCK
NOT TO SCALE



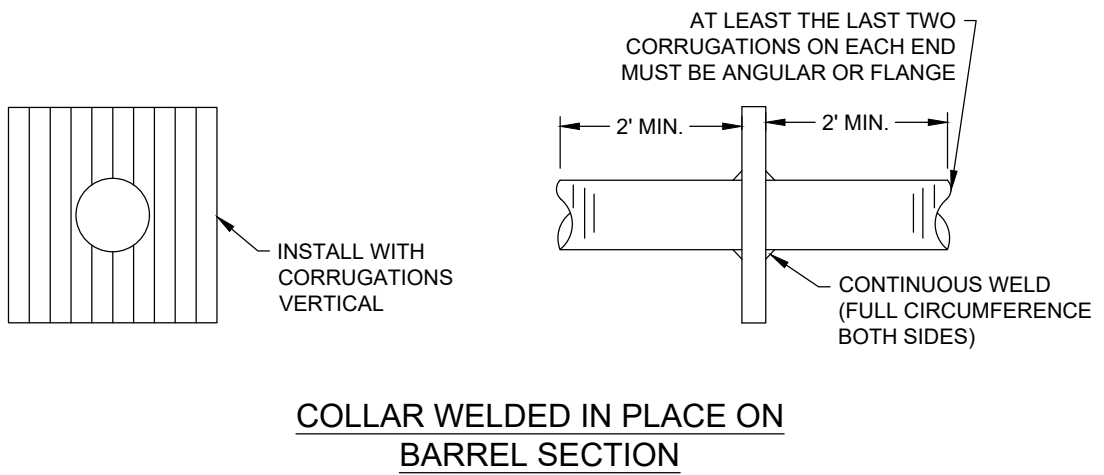
CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN FIFTY (50) FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A THIRTY (30) FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRACKING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.

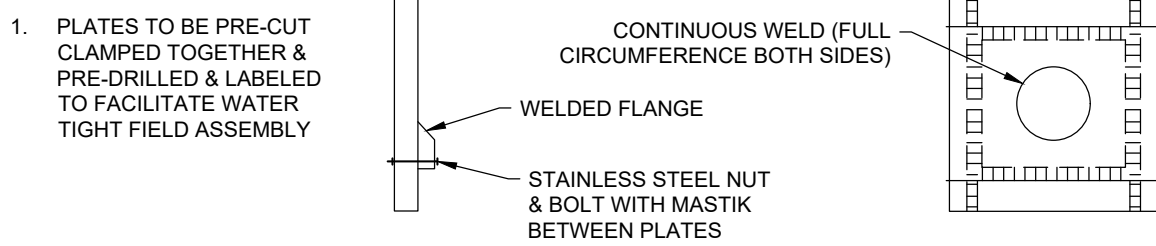
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



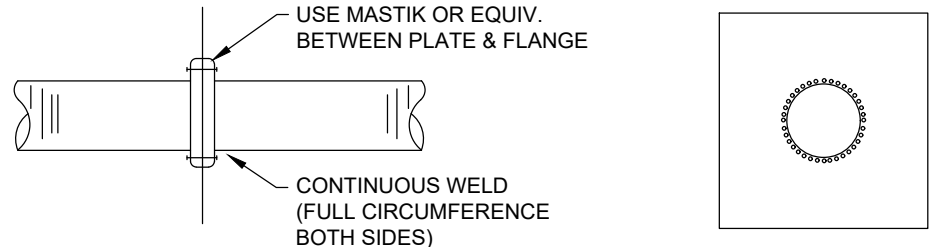
DRAINAGE SWALE AND LINED DITCH
NOT TO SCALE



COLLAR WELDED IN PLACE ON BARREL SECTION

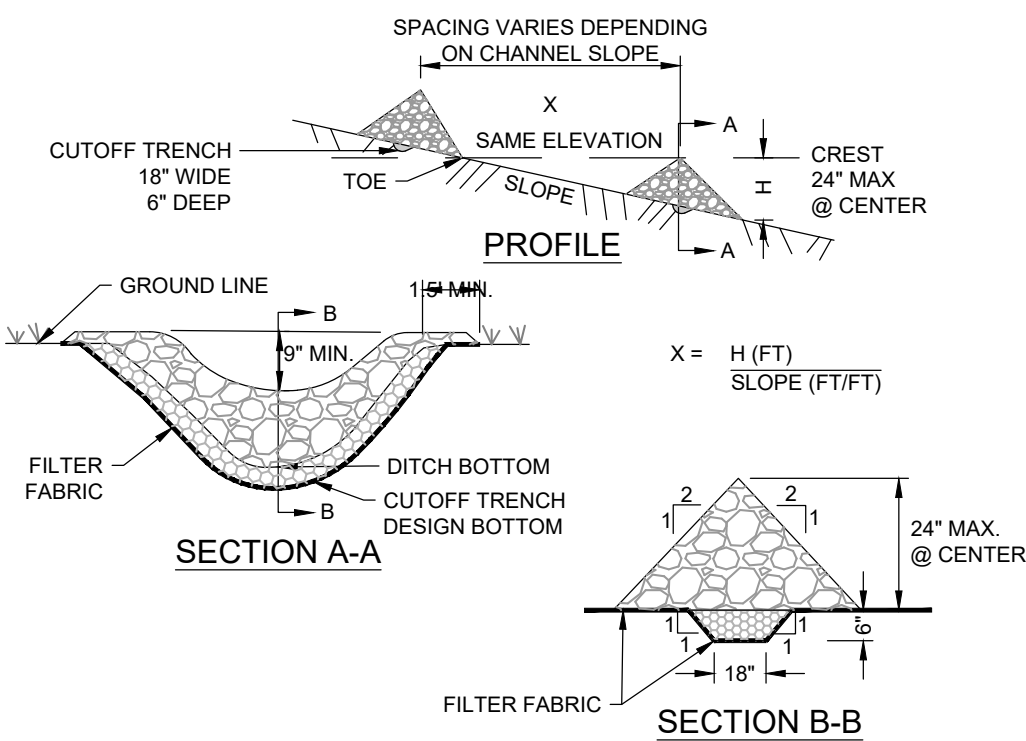


MULTI-PIECE COLLAR FOR LARGE PIPES



COLLAR FOR FLANGE JOINT PIPE

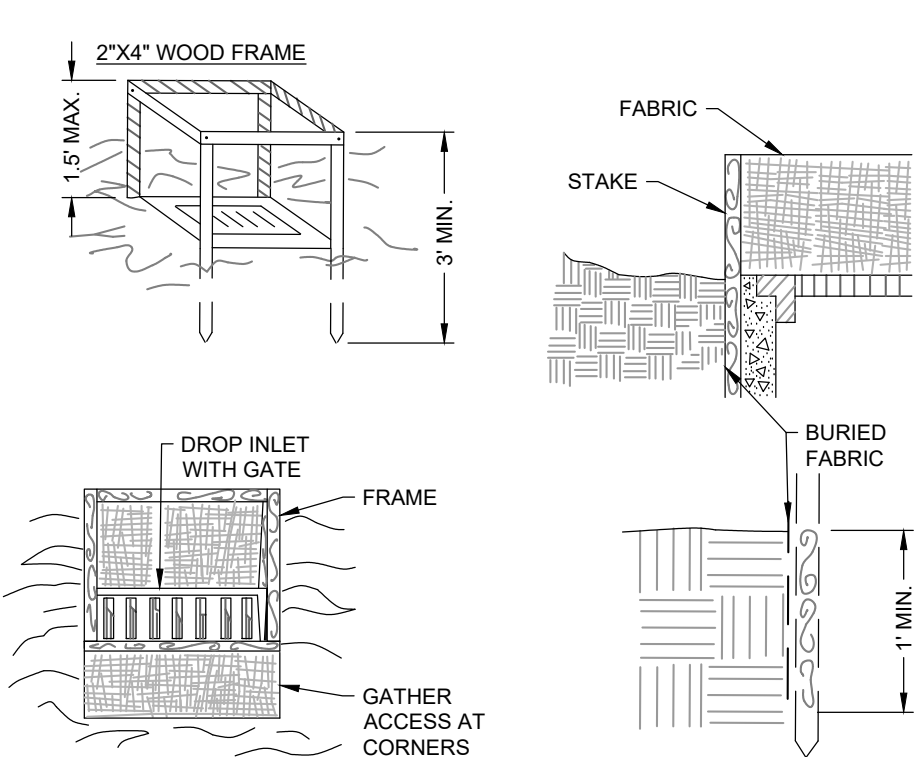
ANTI SEEP COLLAR
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

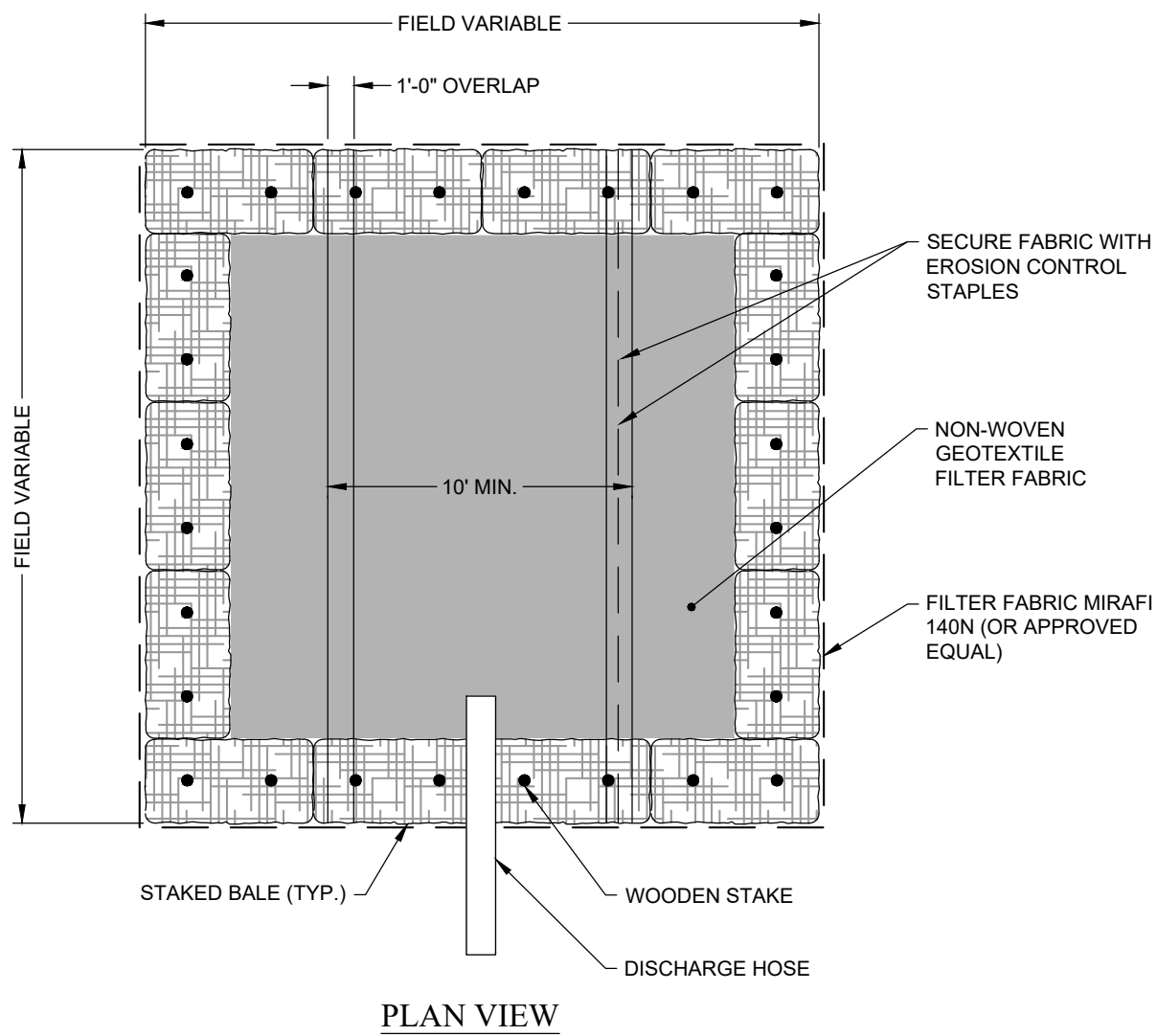
1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN ON THE PLAN.
2. SET SPACING OF CHECK DAMS AS INDICATED ON GRADING, EROSION AND SEDIMENT CONTROL PLAN.
3. EXTEND THE STONE A MINIMUM OF 18" BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES, SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS, ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.
6. GRADED STONE SHALL BE BETWEEN 0.25" AND 1.5" IN SIZE, MEETING THE REQUIREMENTS OF NYSDOT ITEM NO. 620.03.
7. MAXIMUM DRAINAGE AREA = 2 ACRES

TEMPORARY CHECK DAM
NOT TO SCALE

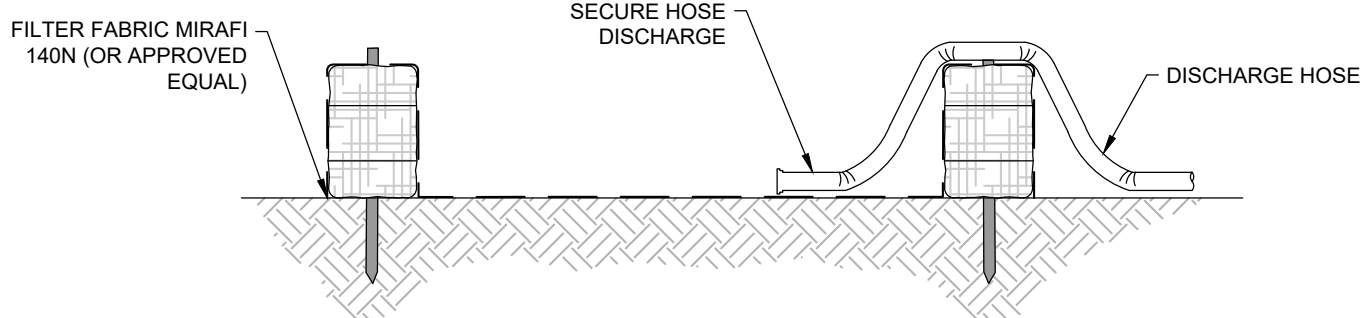


1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVERFLOW STABILITY.
7. MAXIMUM DRAINAGE AREA 1 ACRE.

FILTER FABRIC INLET PROTECTION
NOT TO SCALE



TYPICAL PIPE TRENCH DETAIL
NOT TO SCALE

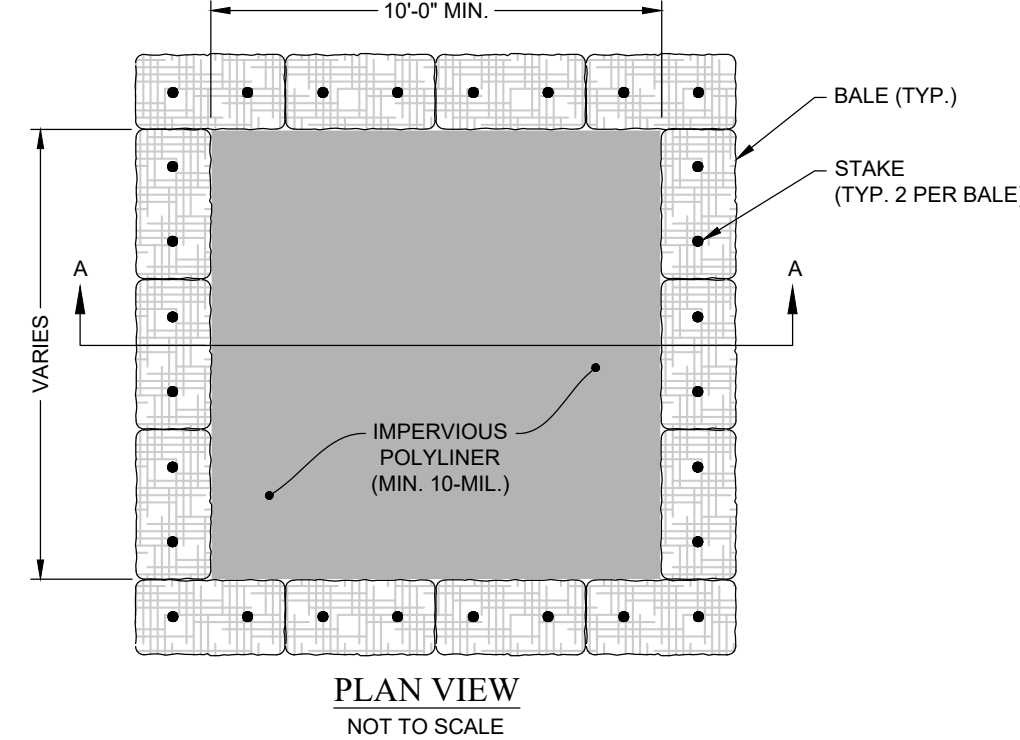
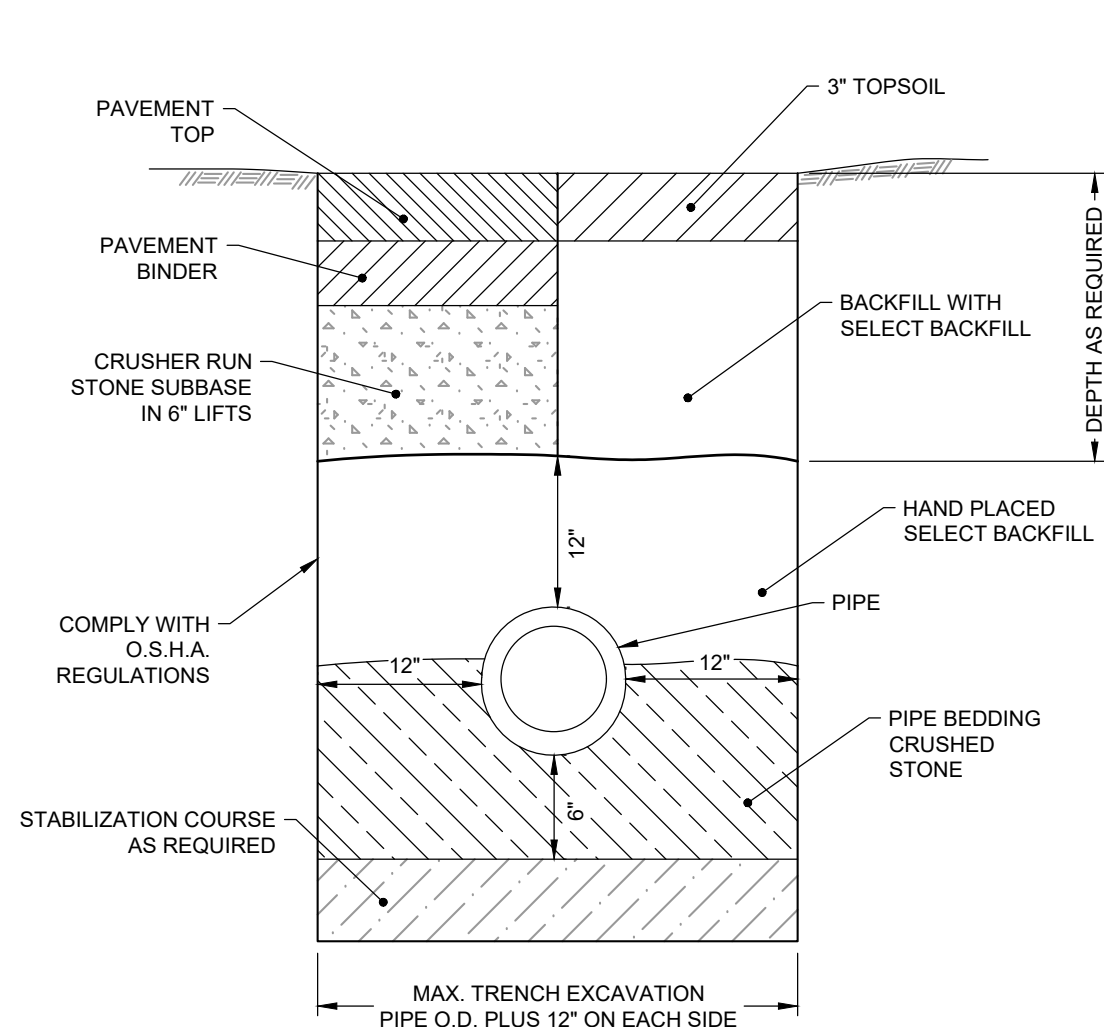


CROSS-SECTION

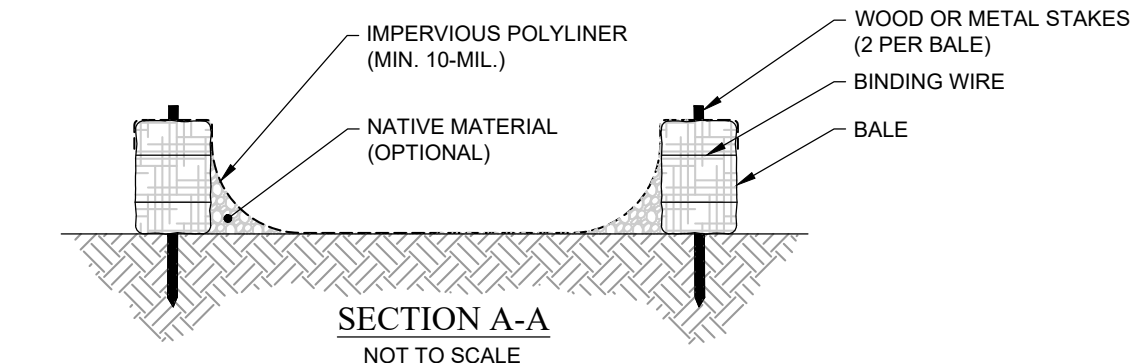
NOTES:

1. NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
2. THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN.
3. KEEP AS FAR FROM WETLANDS AS PRACTICAL.
4. CLEAN AND REMOVE AS SOON AS DEWATERING IS COMPLETE.

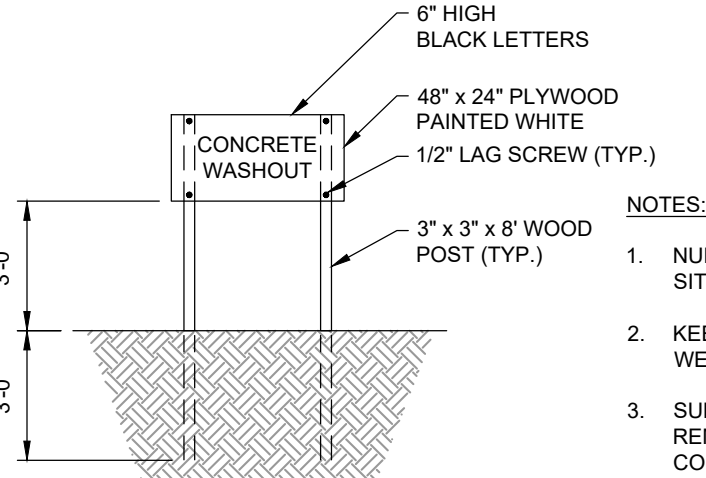
DEWATERING BASIN
NOT TO SCALE



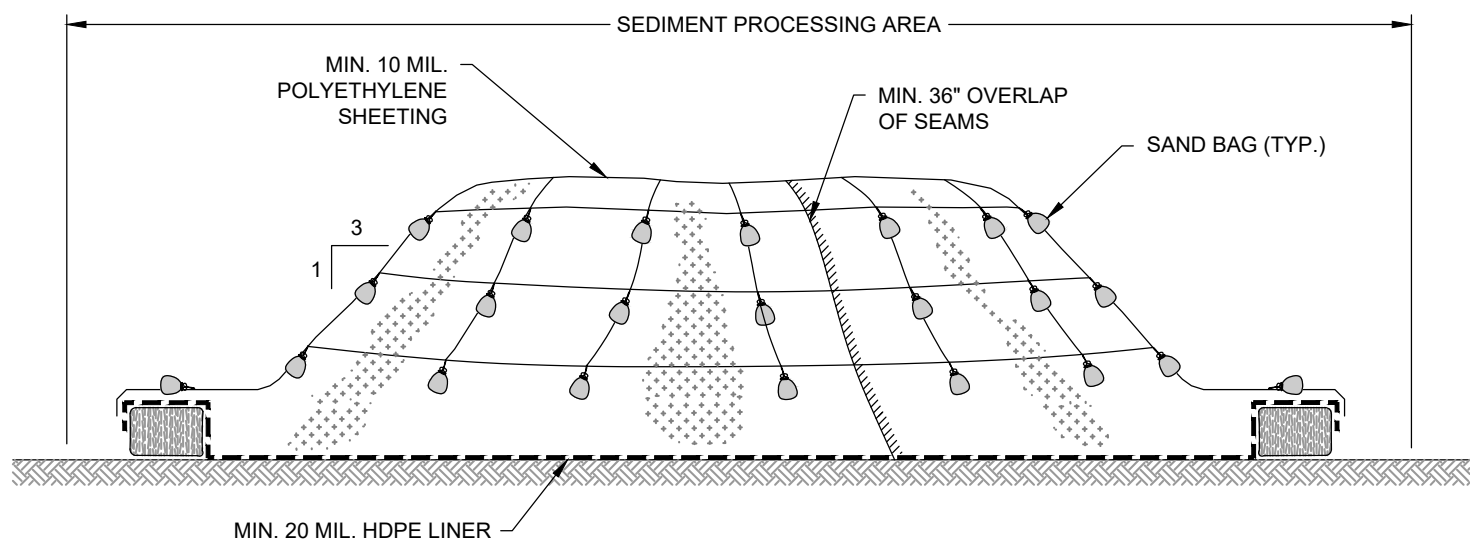
CONCRETE WASHOUT AREA
(TYP. *ABOVE GRADE* WITH BALES)



SECTION A-A
NOT TO SCALE



CONCRETE WASHOUT SIGN DETAIL
(OR EQUIVALENT)
NOT TO SCALE

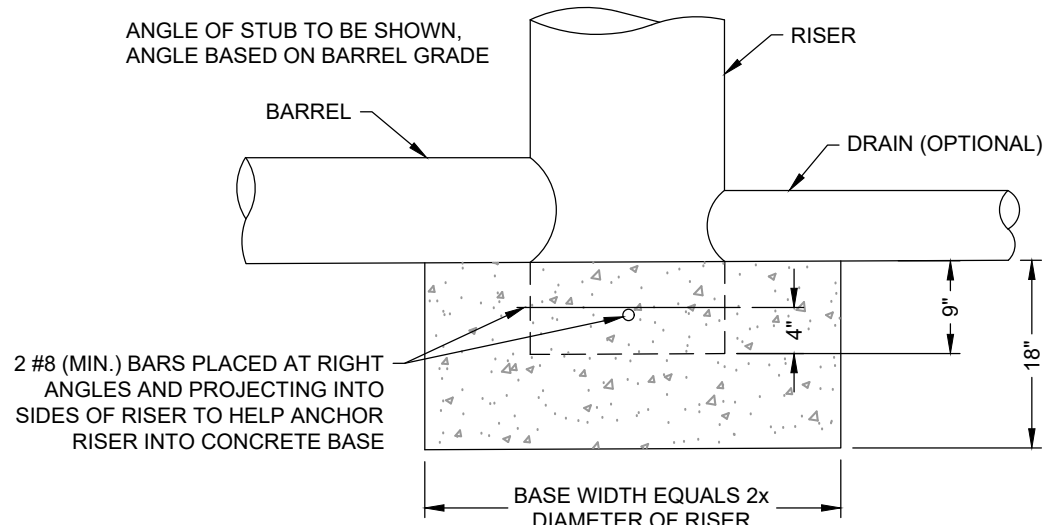


NOTES:

1. STOCKPILES SHALL BE PLACED ON MINIMUM 20 MIL HOPE LINER.
2. STOCKPILES SHALL BE COVERED WITH MINIMUM 10 MIL POLYETHYLENE SHEETING WHENEVER LOADING, STABILIZATION, OR PLACEMENT IS NOT OCCURRING.
3. STOCKPILE AREAS SHALL BE SUBJECT TO DUST / ODOR CONTROLS WHENEVER LOADING, STABILIZATION, OR PLACEMENT IS OCCURRING AND AS DIRECTED BY ENGINEER. STOCKPILES SHALL BE COVERED WITH POLYETHYLENE WHEN THESE ACTIVITIES ARE NOT BEING PERFORMED.
4. SHEETING COVERING STOCKPILE SHALL BE MAINTAINED TIGHTLY IN PLACE BY USING SAND BAGS ON ROPES WITH A MAXIMUM 10'-0" GRID SPACING IN ALL DIMENSIONS.
5. MINIMUM 36" OVERLAP OF ALL SEAMS REQUIRED.
6. STOCKPILE SIDE SLOPES SHALL BE NO STEEPER THAN 3 (HORIZONTAL) TO 1 (VERTICAL).
7. CONTRACTOR SHALL PLACE STRAW BALE BERMS AS SHOWN ON THE DETAIL ABOVE AROUND STOCKPILES GENERATED OUTSIDE OF THE SEDIMENT PROCESSING AREA. STRAW BALE BERMS, AS SHOWN ON THE DETAIL, ARE NOT REQUIRED FOR STOCKPILES IN THE SEDIMENT PROCESSING AREA.

TYPICAL STOCKPILE DETAIL
NOT TO SCALE

				EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW, UNAUTHORIZED ALTERATION IS PROHIBITED		COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY									
						DETAILS									
1		PER TOWN COMMENTS		CJM		07/08/2020		PREPARED BY:		REVIEWED FOR:					
NO.		ISSUE/DESCRIPTION		BY		DATE		 GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK					
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL OF NY (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.								PROJ MGR: E.K.R.		REVIEWED BY: C.J.M.		CHECKED BY:		DWG	
								DESIGNED BY: E.K.R.		DRAWN BY: E.K.R.		SCALE: AS NOTED		CC502	
								DATE:		PROJECT NO.		REVISION NO.		SHEET NO. 11 OF 14	
								JUNE 01, 2020		31.0180302.00		4			



CONSTRUCTION SPECIFICATIONS

1. THE CONCRETE BASE SHALL BE POURED IN SUCH A MANNER TO INSURE THAT THE CONCRETE FILLS THE BOTTOM OF THE RISER TO THE INVERT OF THE OUTLET PIPE TO PREVENT THE RISER FROM THE BREAKING AWAY FROM THE BASE.
2. WITH ALUMINUM OR ALUMINIZED PIPE, THE EMBEDDED SECTION MUST BE PAINTED WITH CHROMATE OR EQUIVALENT.
3. RISER BASE MAY BE SIZED AS COMPUTED USING FLOTATION WITH A FACTOR OF SAFETY OF 1.2.

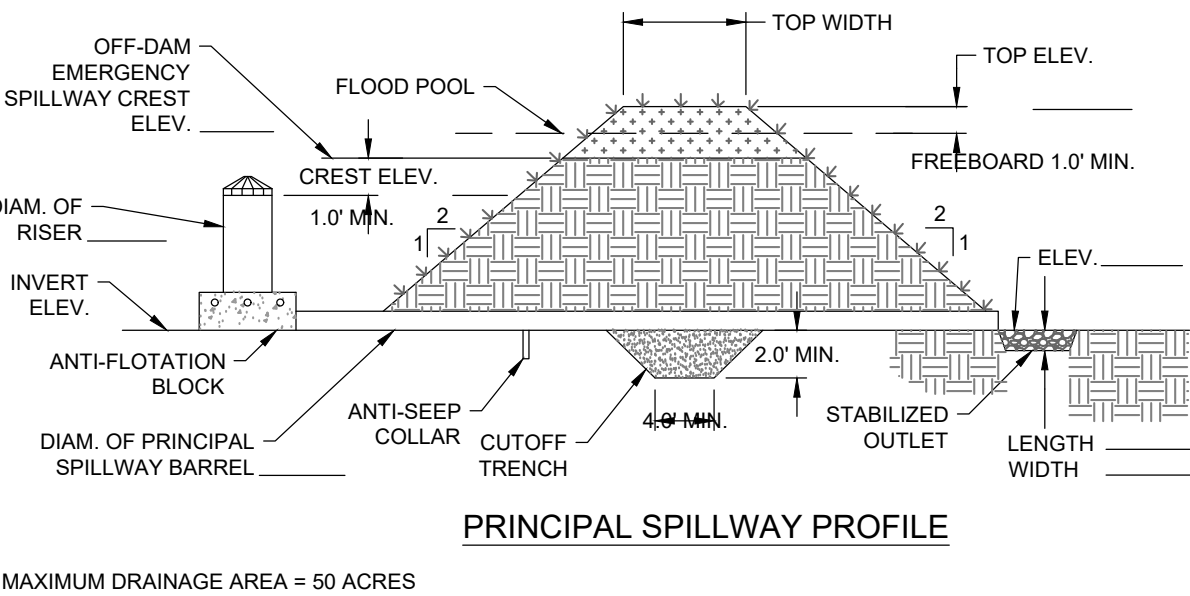
RISER DETAIL

NOT TO SCALE

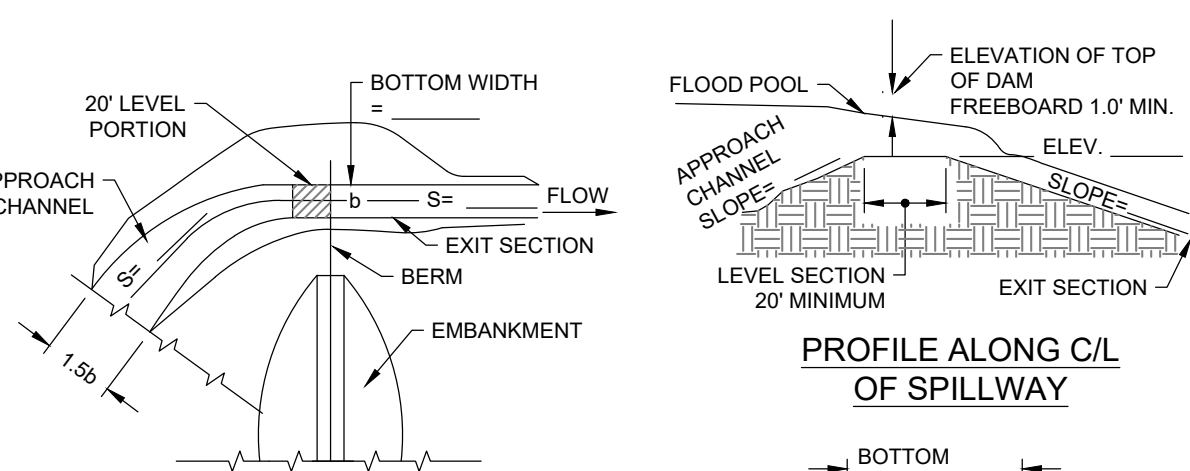
RISER PIPE CONSTRUCTION NOTES:

1. STANDPIPE AND CONNECTOR PIPE SHALL BE A MINIMUM OF 6 INCHES DIAMETER.
2. METAL PIPE MAY BE GALVANIZED STEEL OR ALUMINUM; PLASTIC PIPE MAY BE SCHEDULE 40 PVC OR HDPP.
3. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION ARE MINIMIZED.
4. THE STRUCTURE SHALL ONLY BE REMOVED WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
5. ALL PIPE CONNECTIONS SHALL BE WATERTIGHT. THE LOWER PORTION OF THE STANDPIPE, AT A POINT ABOVE THE BARREL CONNECTION, SHALL BE FITTED WITH AN INTERNAL ORIFICE PLATE SIZED TO RELEASE THE VOLUME OF THE BASIN NO SOONER THAN 48 HOURS.
6. THE TOP 2/3 OF THE STANDPIPE SHALL BE PERFORATED WITH 1 INCH DIAMETER OR HOLE SLIT SPACED 6 INCHES VERTICALLY AND HORIZONTALLY AND PLACED IN THE CONCAVE PORTION OF THE PIPE. NO HOLES WILL BE ALLOWED WITHIN 6 INCHES OF THE HORIZONTAL CONNECTOR PIPE.
7. THE RISER SHALL BE WRAPPED WITH A TYPE GD-11 GEOTEXTILE FABRIC. THE FABRIC SHALL EXTEND 6 INCHES ABOVE THE HIGHEST HOLE AND 6" BELOW THE LOWEST HOLE. WHERE ENDS OF FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT BYPASS.
8. STRAPS OR CONNECTING HANDS SHALL BE USED TO HOLD THE FABRIC AND WIRE MESH (AS NEEDED) IN PLACE. THEY SHALL BE PLACED AT THE TOP AND BOTTOM OF THE CLOTH.
9. THE STANDPIPE SHALL BE ANCHORED WITH THE EITHER CONCRETE BASE OR STEEL PLATE BASE TO PREVENT FLOTATION. CONCRETE BASES SHALL BE 12 INCHES THICK WITH THE STANDPIPE EMBEDDED NINE INCHES. STEEL PLATE BASES WILL BE 1/4 INCH MINIMUM THICKNESS ATTACHED TO THE STANDPIPE BY A CONTINUOUS WELD AROUND THE BOTTOM TO FORM A WATERTIGHT CONNECTION. THE PLATE SHALL HAVE 2.5 FEET OF STONE, GRAVEL OR TAMPERED EARTH PLACED ON IT.
10. THE PERFORATED STANDPIPE SHALL BE SURROUNDED BY NYSDOT #1 OR #2 STONE OR A BLEND OF BOTH TO PROTECT THE FILTER FABRIC.

RISER NOTES



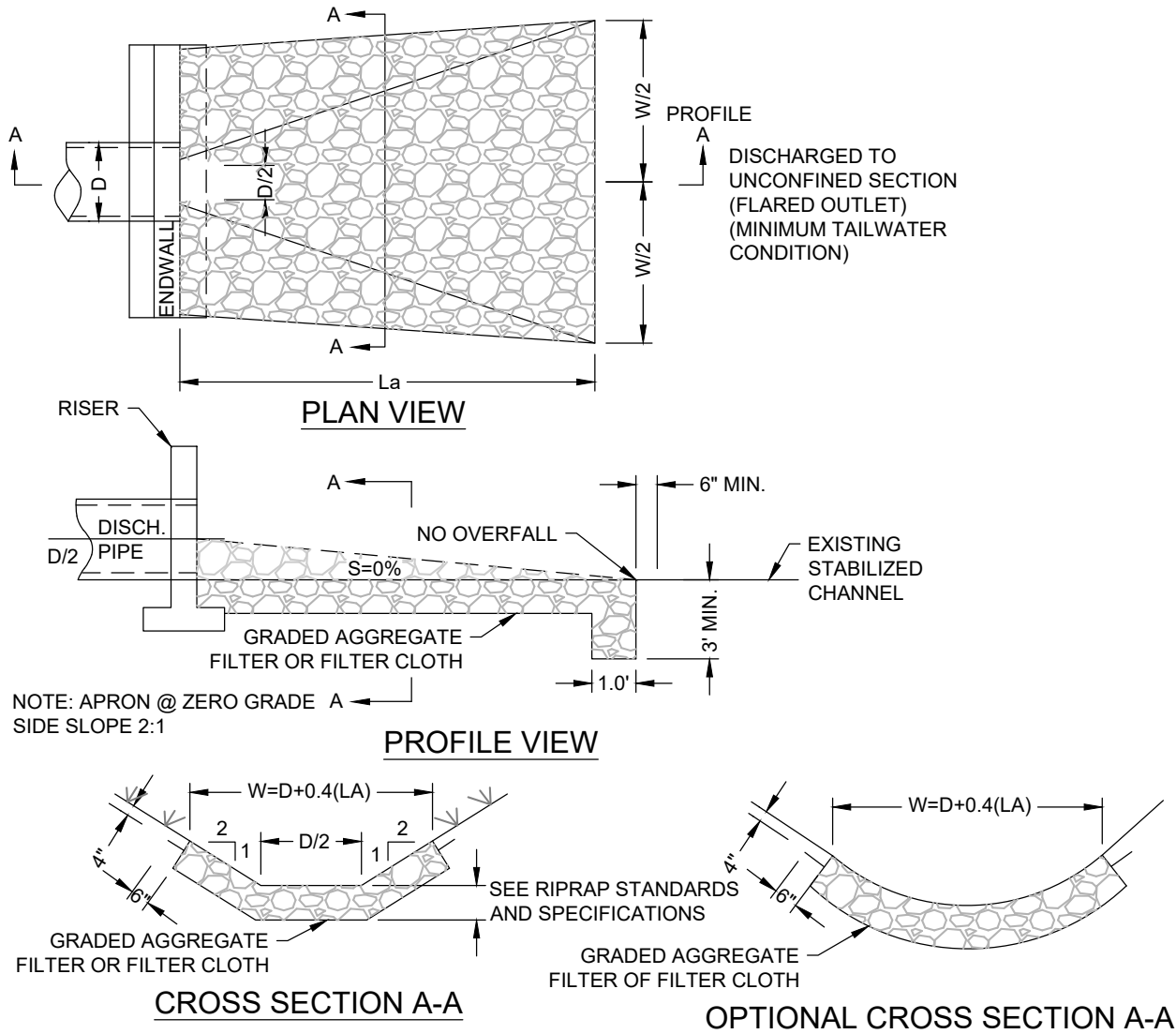
PRINCIPAL SPILLWAY PROFILE



EMERGENCY SPILLWAY PLAN VIEW

SEDIMENT BASIN DETAILS

NOT TO SCALE

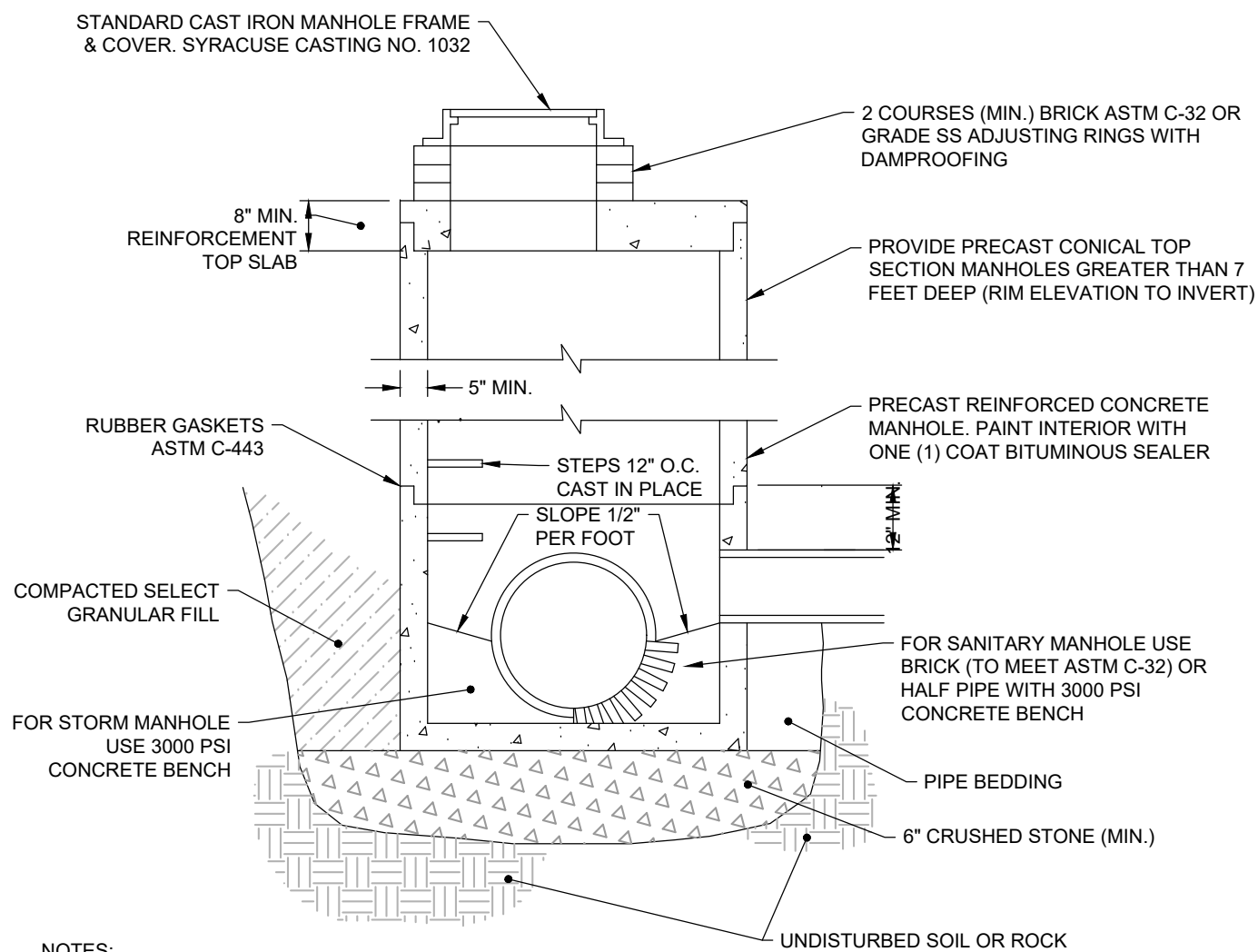


CONSTRUCTION SPECIFICATIONS

1. THE SUBGRADE FOR THE RIPRAP OUTLET, SHALL BE PREPARED TO THE REQUIRED LINES AND GRADES. ANY FILL REQUIRED IN THE SUBGRADE SHALL BE COMPACTED TO A DENSITY OF OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
2. THE ROCK OR GRAVEL SHALL CONFORM TO THE SPECIFIED GRADING LIMITS RESPECTIVELY IN THE RIPRAP OR FILTER.
3. FILTER CLOTH SHALL BE PROTECTED FROM PUNCHING, CUTTING, OR TEARING. ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE SHALL BE REPAIRED BY PLACING ANOTHER PIECE OF CLOTH OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE CLOTH. ALL OVERLAPS, WHETHER FOR REPAIRS OR FOR JOINING TWO PIECES OF CLOTH SHALL BE A MINIMUM OF ONE FOOT.
4. ROCK FOR THE RIPRAP OUTLETS MAY BE PLACED BY EQUIPMENT. BOTH SHALL EACH BE CONSTRUCTED TO THE FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. THE ROCK FOR RIPRAP OUTLETS SHALL BE DELIVERED AND PLACED IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENOUS WITH THE SMALLER ROCKS AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER ROCKS. RIPRAP SHALL BE PLACED IN A MANNER TO PREVENT DAMAGE TO THE FILTER BLANKET OR CLOTH. HAND PLACEMENT WILL BE REQUIRED TO THE EXTEND NECESSARY TO PREVENT DAMAGE TO THE PERMANENT WORKS.
5. RIPRAP SHALL BE COMPOSED OF A WELL-GRADED MIXTURE OF ROCK SIZE SO THAT 50 PERCENT OF THE PIECES, BY WEIGHT, SHALL BE LARGER THAN THE D50 SIZE. THE DIAMETER OF THE LARGEST ROCK SIZE SHALL BE 1.5 TIMES THE D50 SIZE.
6. THE MINIMUM THICKNESS OF THE RIPRAP LAYER SHALL BE 1.5 TIMES THE MAXIMUM ROCK DIAMETER FOR D50 OF 15 INCHES OR LESS; AND 1.2 TIMES THE ROCK SIZE FOR D50 GREATER THAN 15 INCHES.

RIPRAP OUTLET PROTECTION

NOT TO SCALE

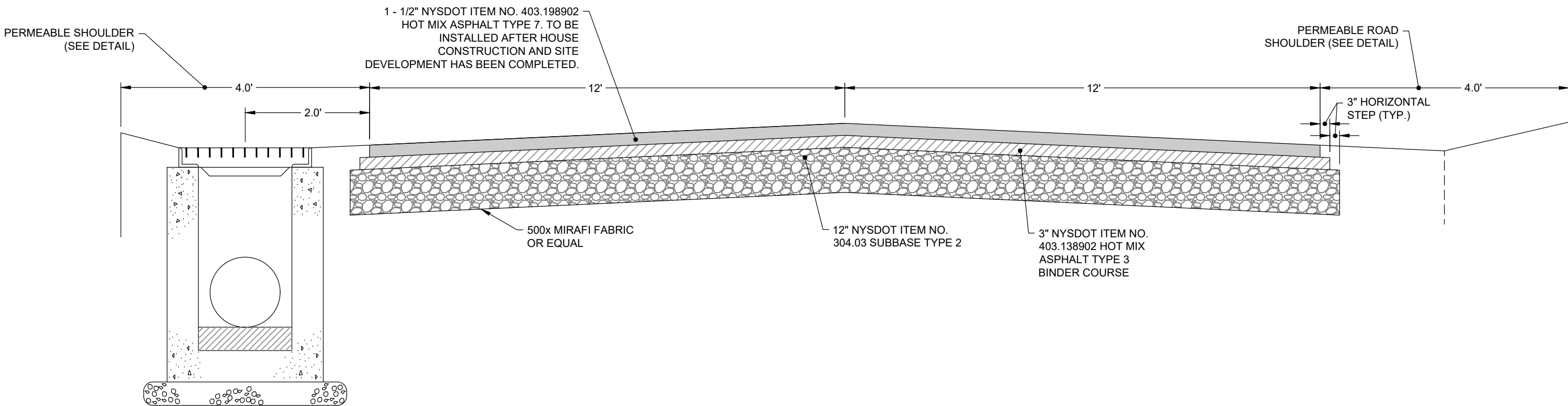


NOTES:

1. STATE DOT ITEM NO.'S FOR ALL MANHOLES INSTALLED WITHIN THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY SHALL BE AS FOLLOWS:
4" DIA. - (ITEM 604.4048) WALL THICKNESS 5" MIN.
5" DIA. - (ITEM 604.4060) WALL THICKNESS 6" MIN.
6" DIA. - (ITEM 604.4072) WALL THICKNESS 7" MIN.
8" DIA. - (ITEM 604.4096) WALL THICKNESS 9" MIN.
2. ALL BENCHWORK (WITHIN STORM AND SANITARY MANHOLES SHALL BE PAINTED WITH ONE (1) COAT OF BITUMINOUS SEALER.

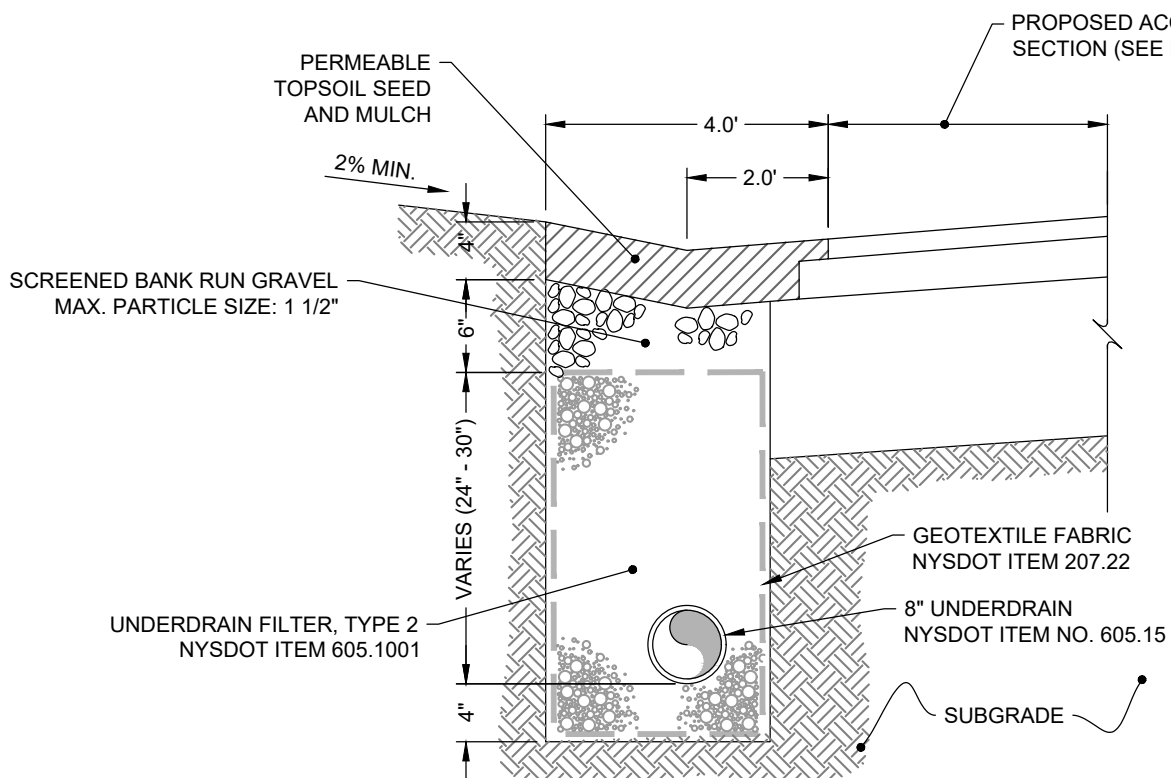
STANDARD MANHOLE DETAIL

NOT TO SCALE



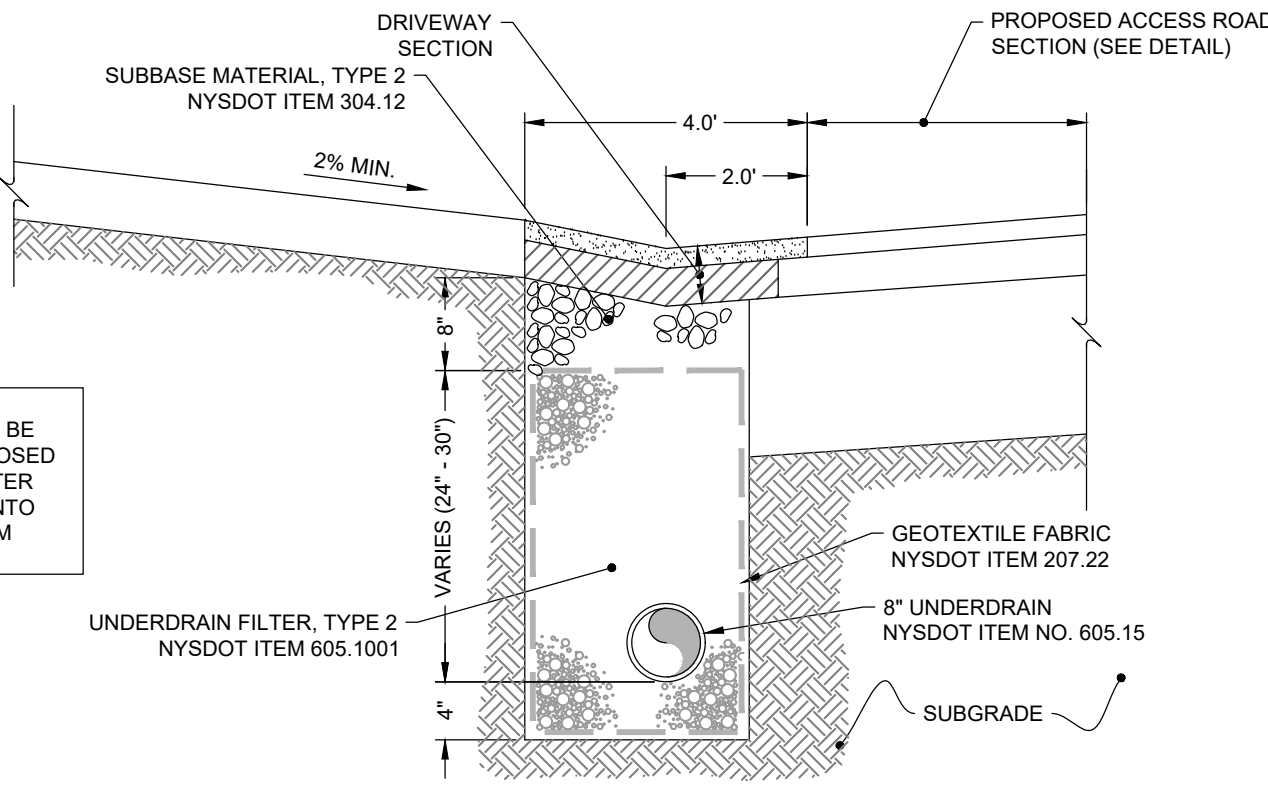
TYPICAL ROAD CROSS-SECTION

NOT TO SCALE



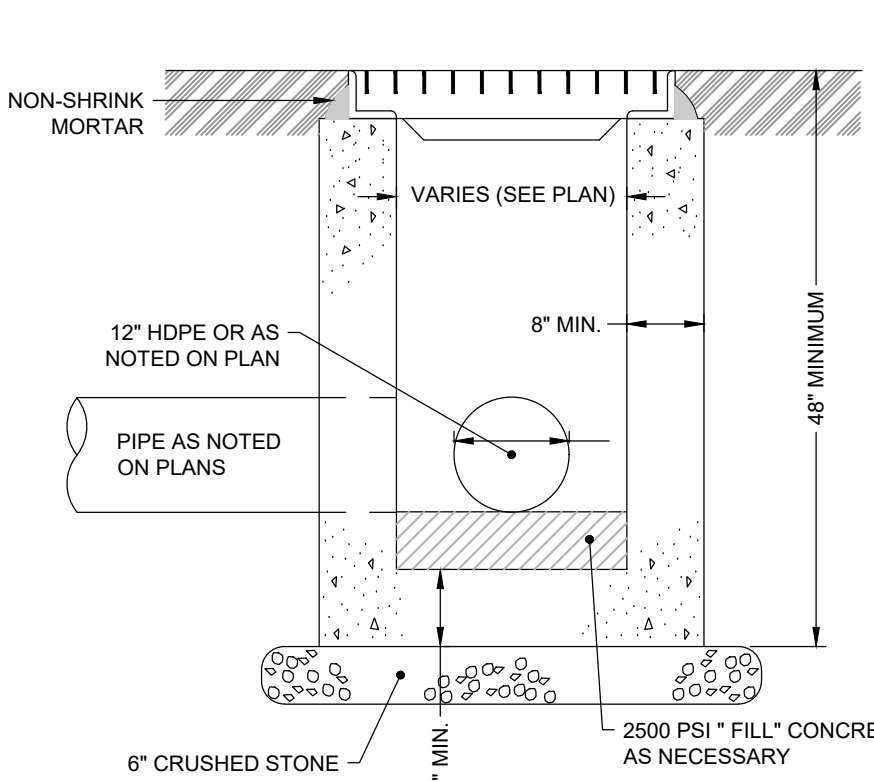
PERMEABLE ROAD SHOULDER

NOT TO SCALE



PERMEABLE ROAD SHOULDER @ DRIVEWAY ENTRANCES

NOT TO SCALE



NOTES:

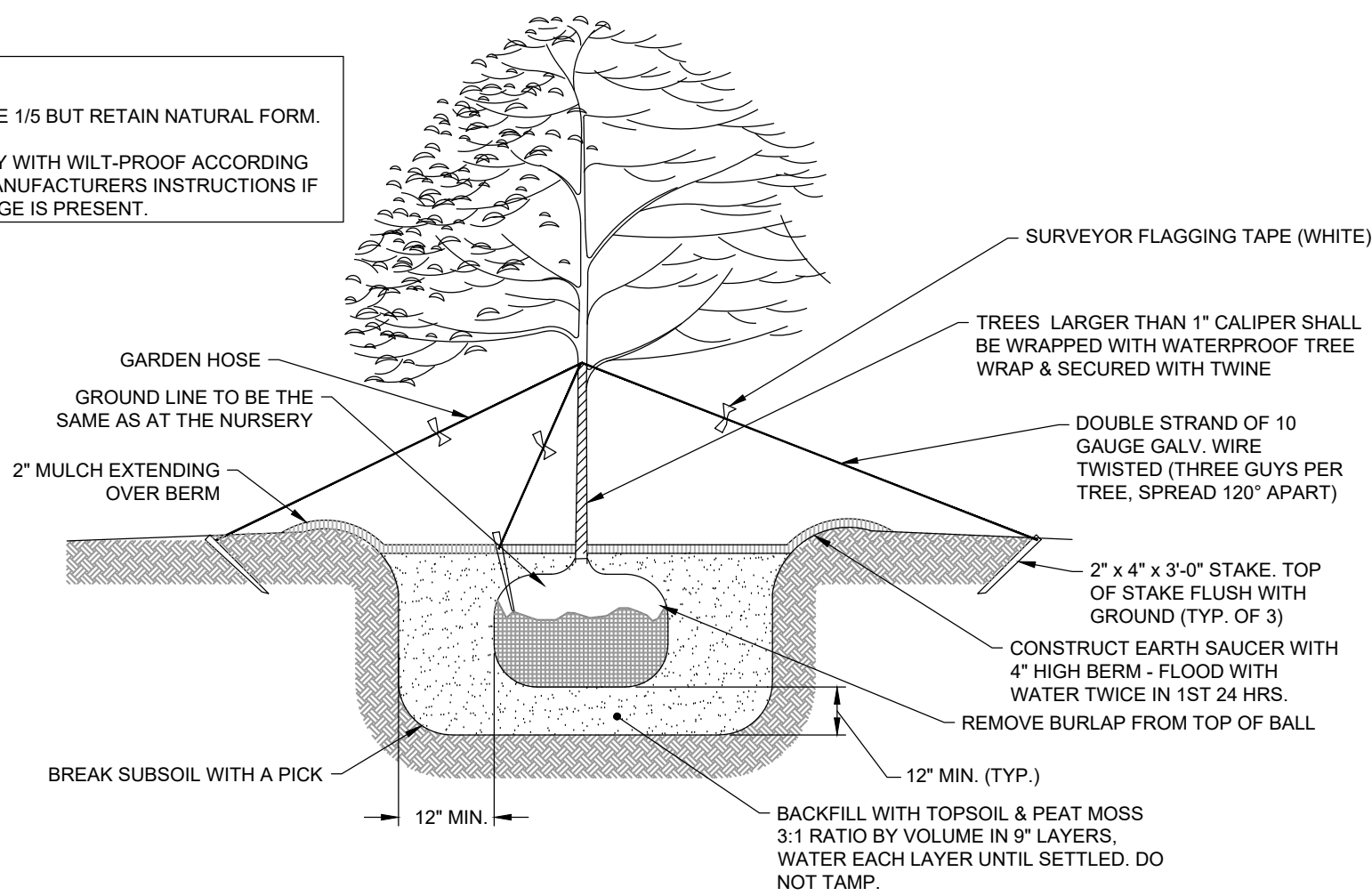
1. STORMWATER INLETS SHALL BE REINFORCED CONCRETE DESIGN TO RESIST H2O LOADINGS. COAT INTERIOR AND EXTERIOR WITH ONE (1) COAT BITUMASTIC BLACK SOLUTION. PROVIDE 8" MINIMUM WALL THICKNESS.
2. FRAME AND GRATE SHALL BE 4 FLANGE FRAME AND GRATE AS MANUFACTURED BY NEENAH.

PRE-CAST CONCRETE INLETS

NOT TO SCALE

NOTES:

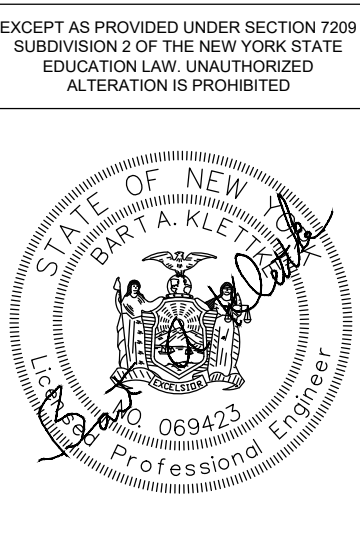
1. PRUNE 1/5 BUT RETAIN NATURAL FORM.
2. SPRAY WITH WILT-PROOF ACCORDING TO MANUFACTURERS INSTRUCTIONS IF FOLIAGE IS PRESENT.



TREE PLANTING DETAIL

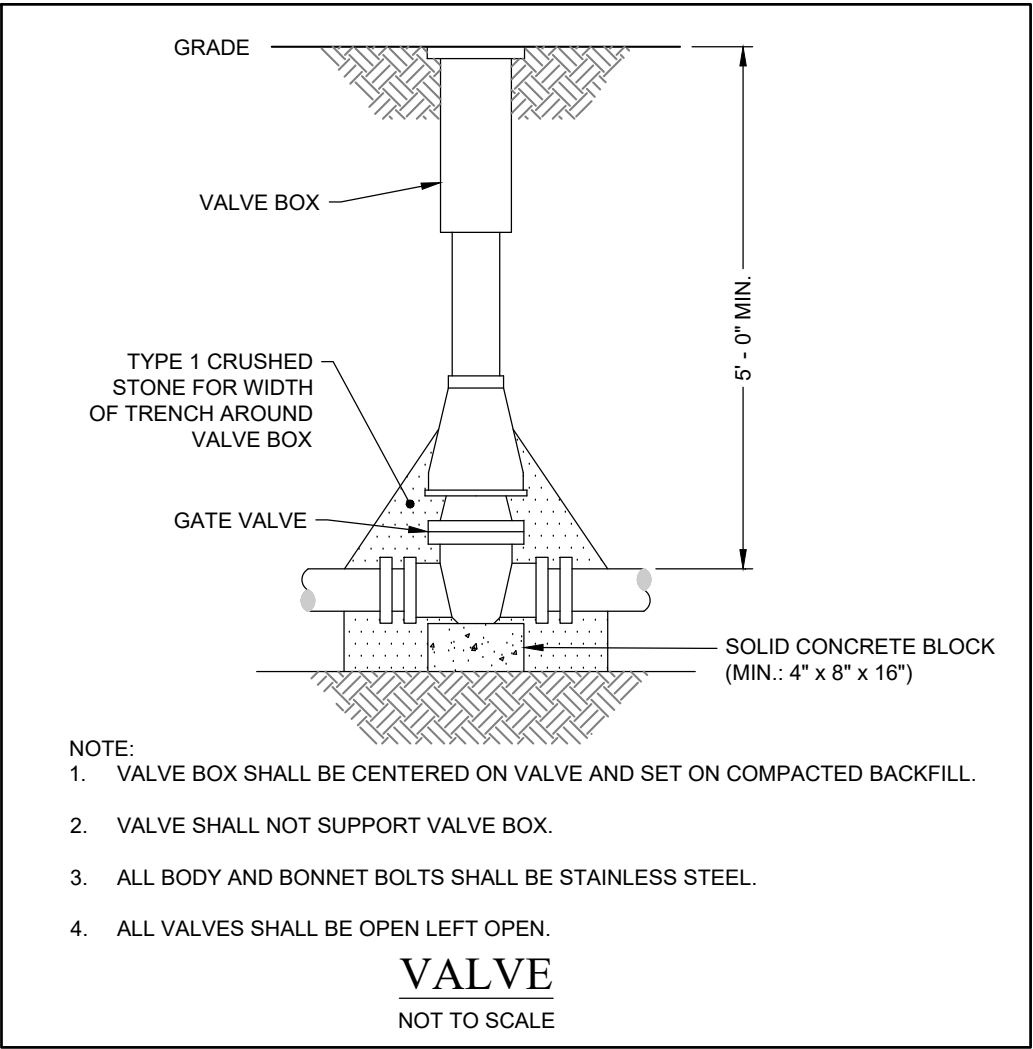
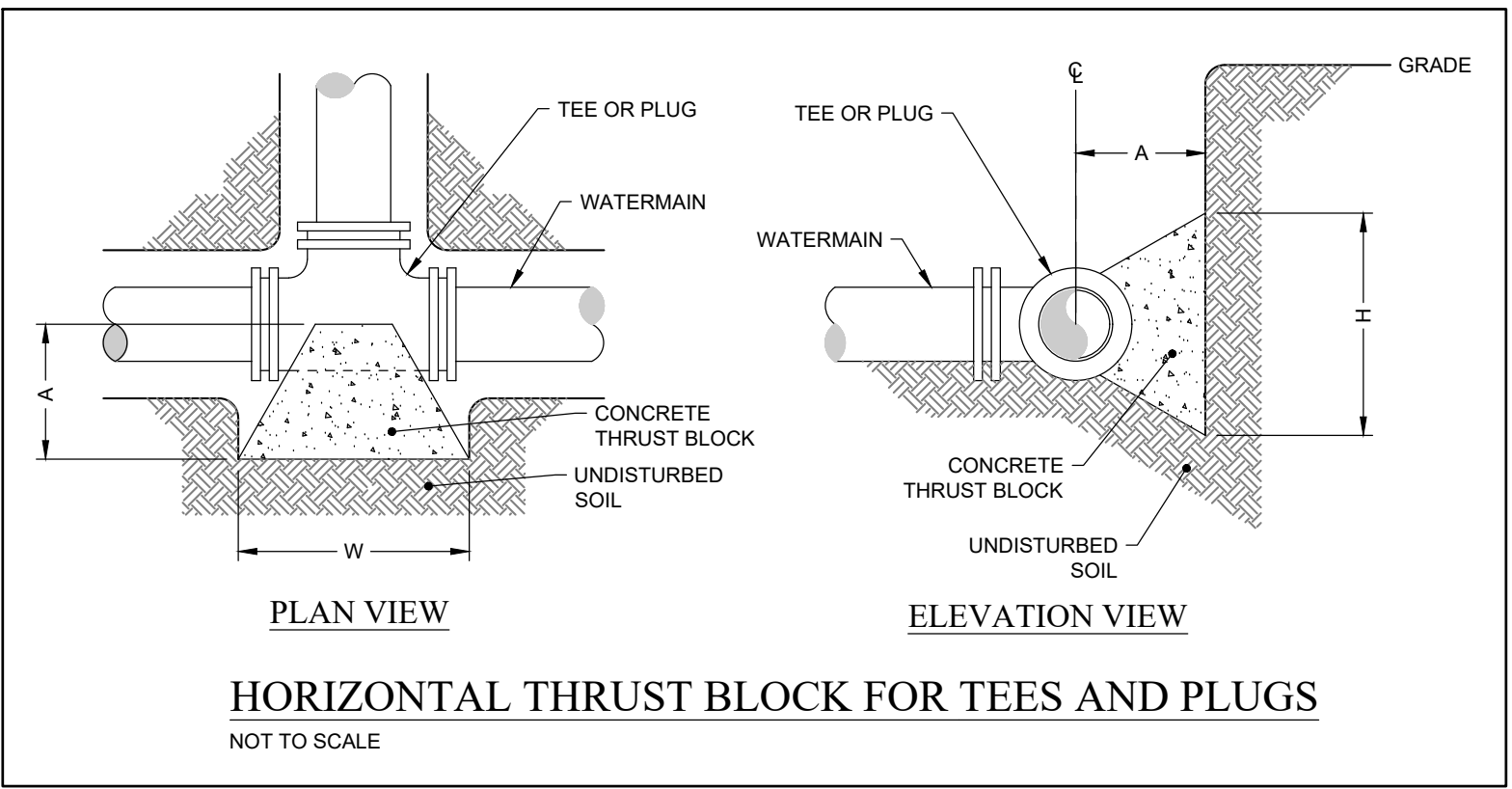
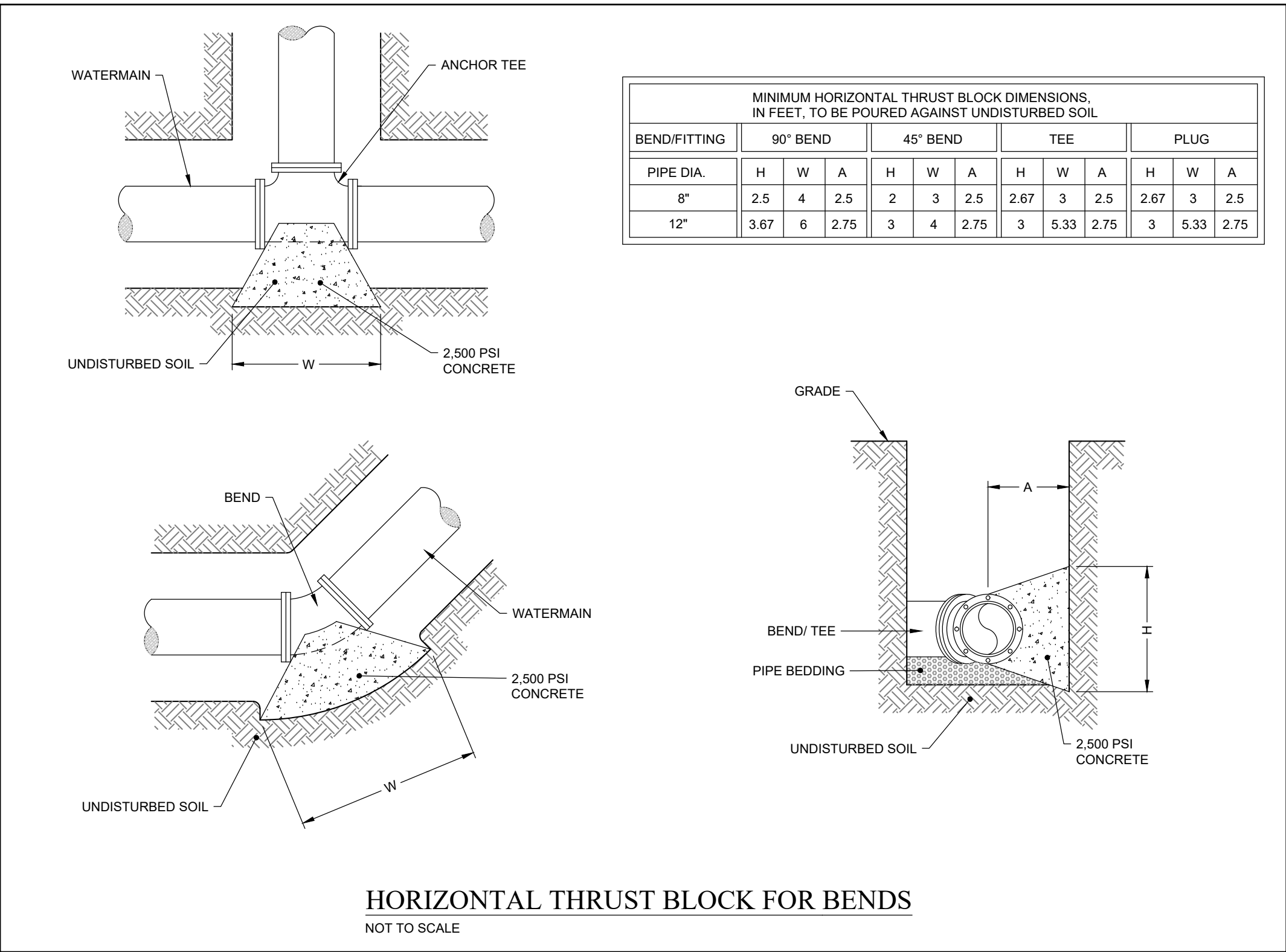
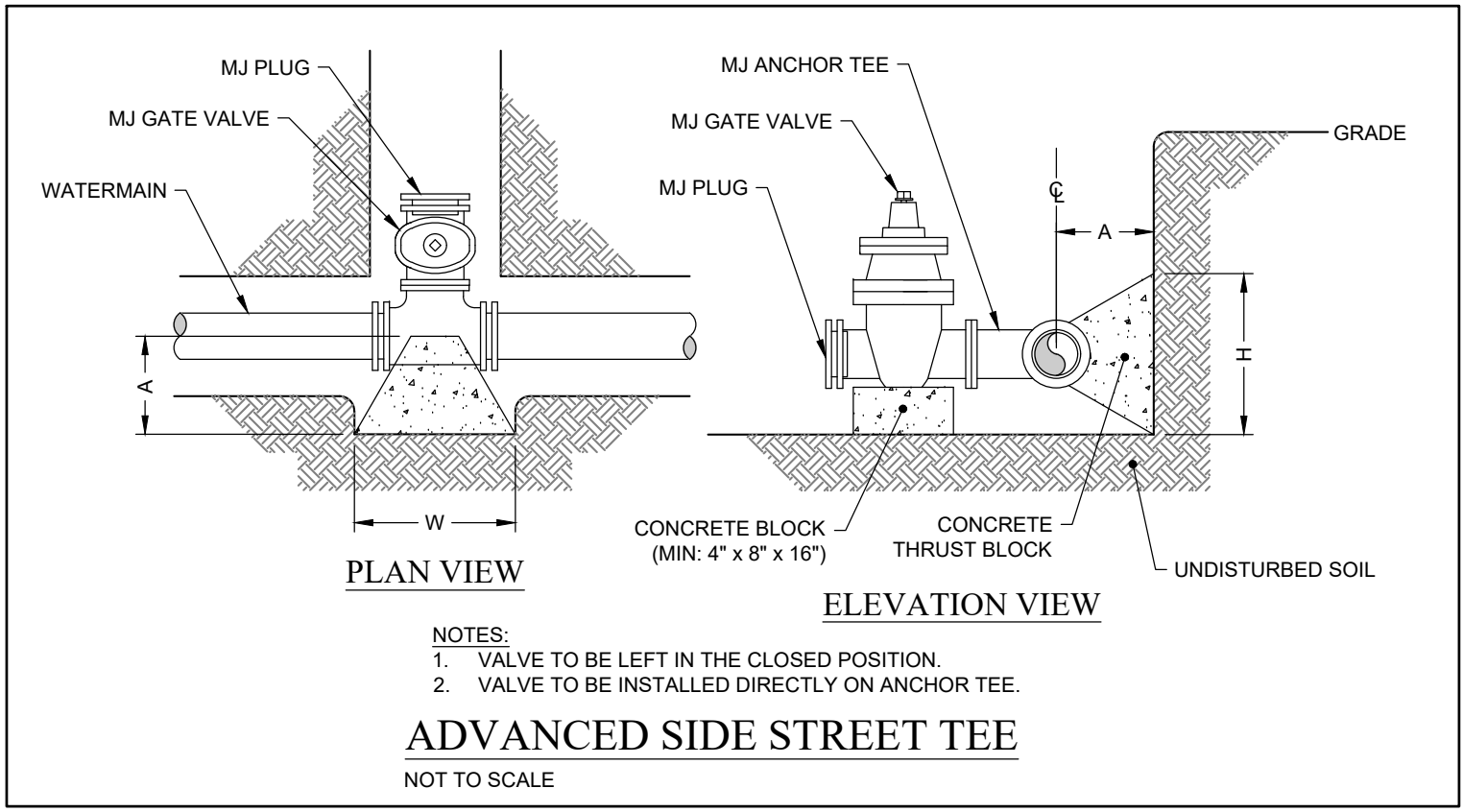
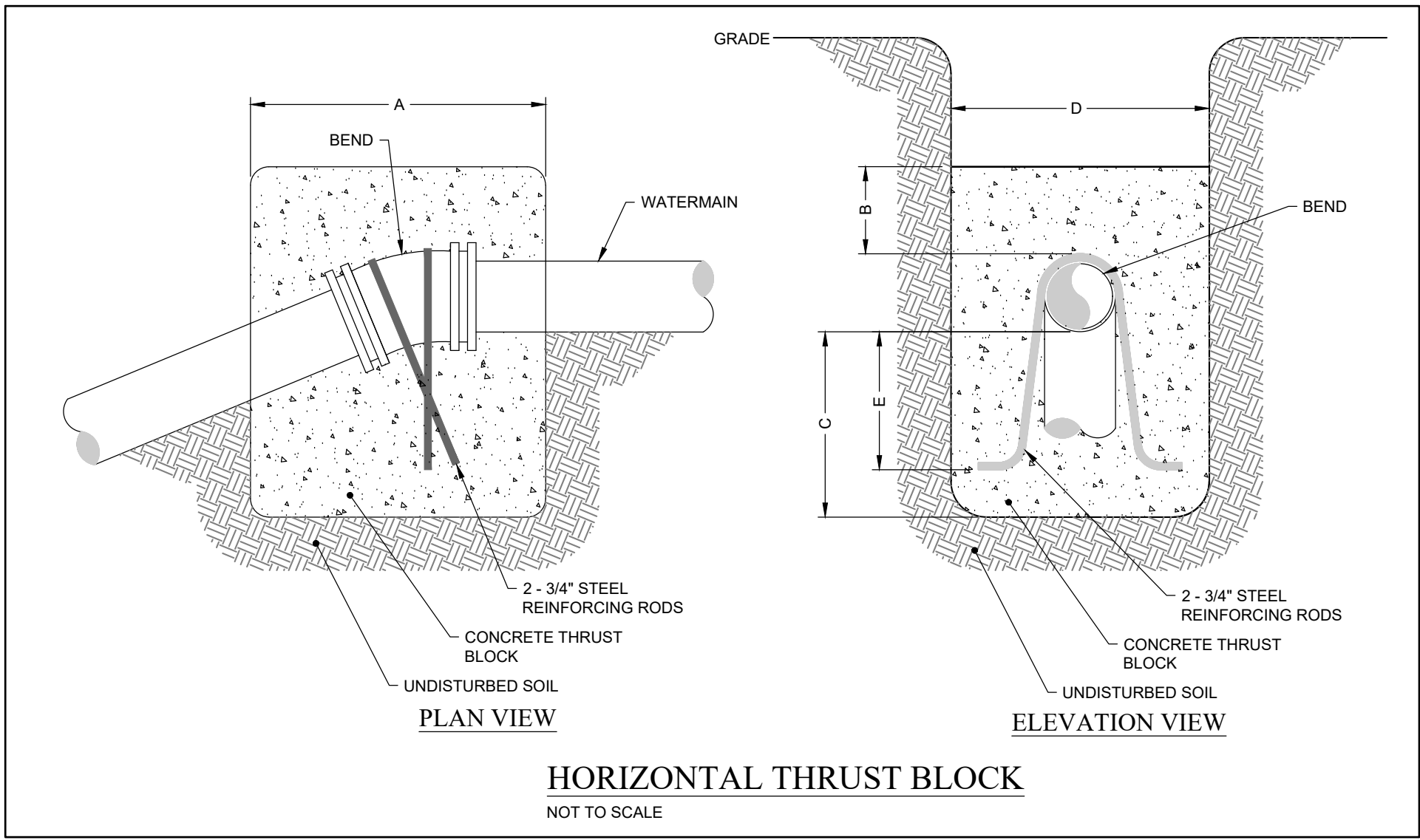
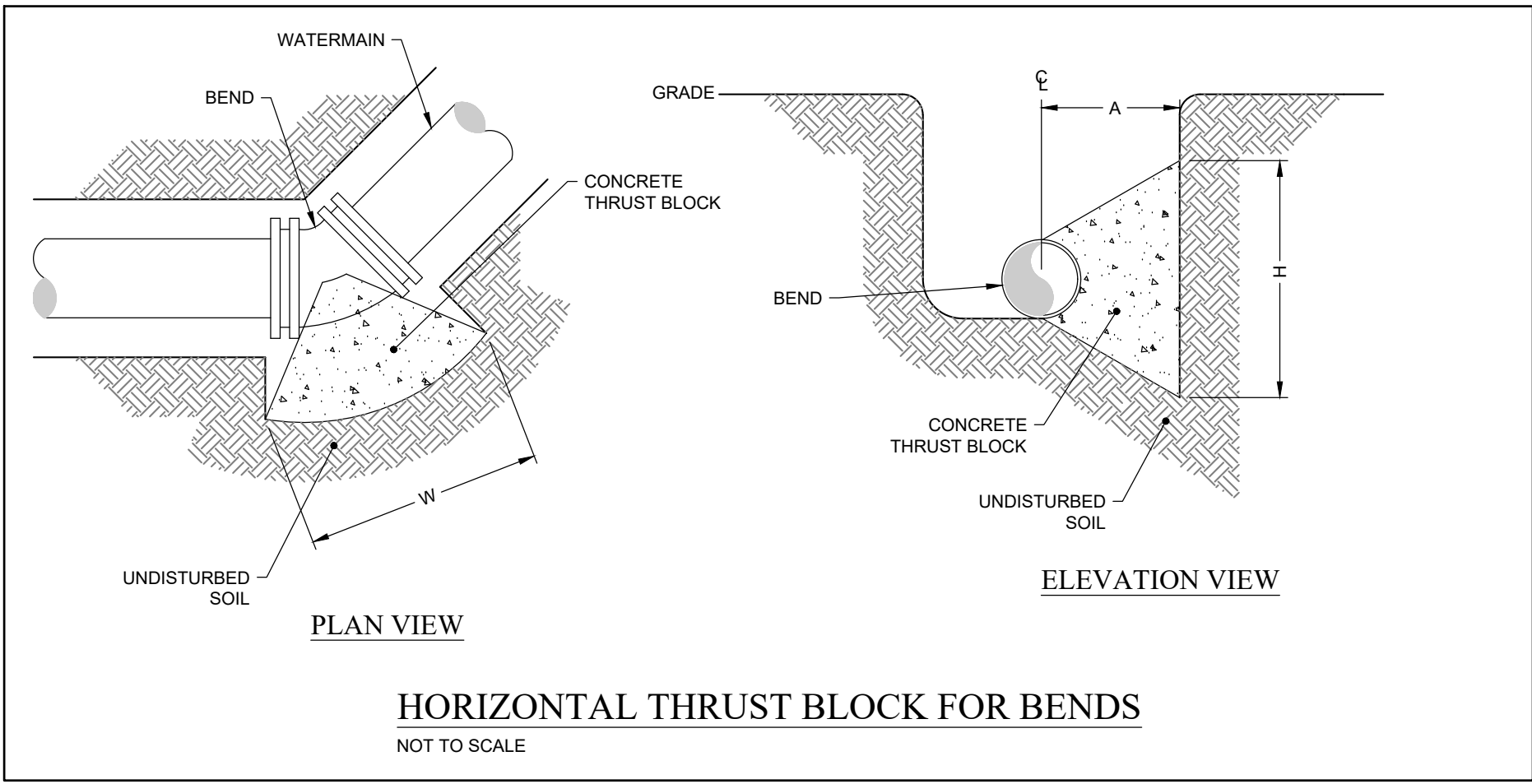
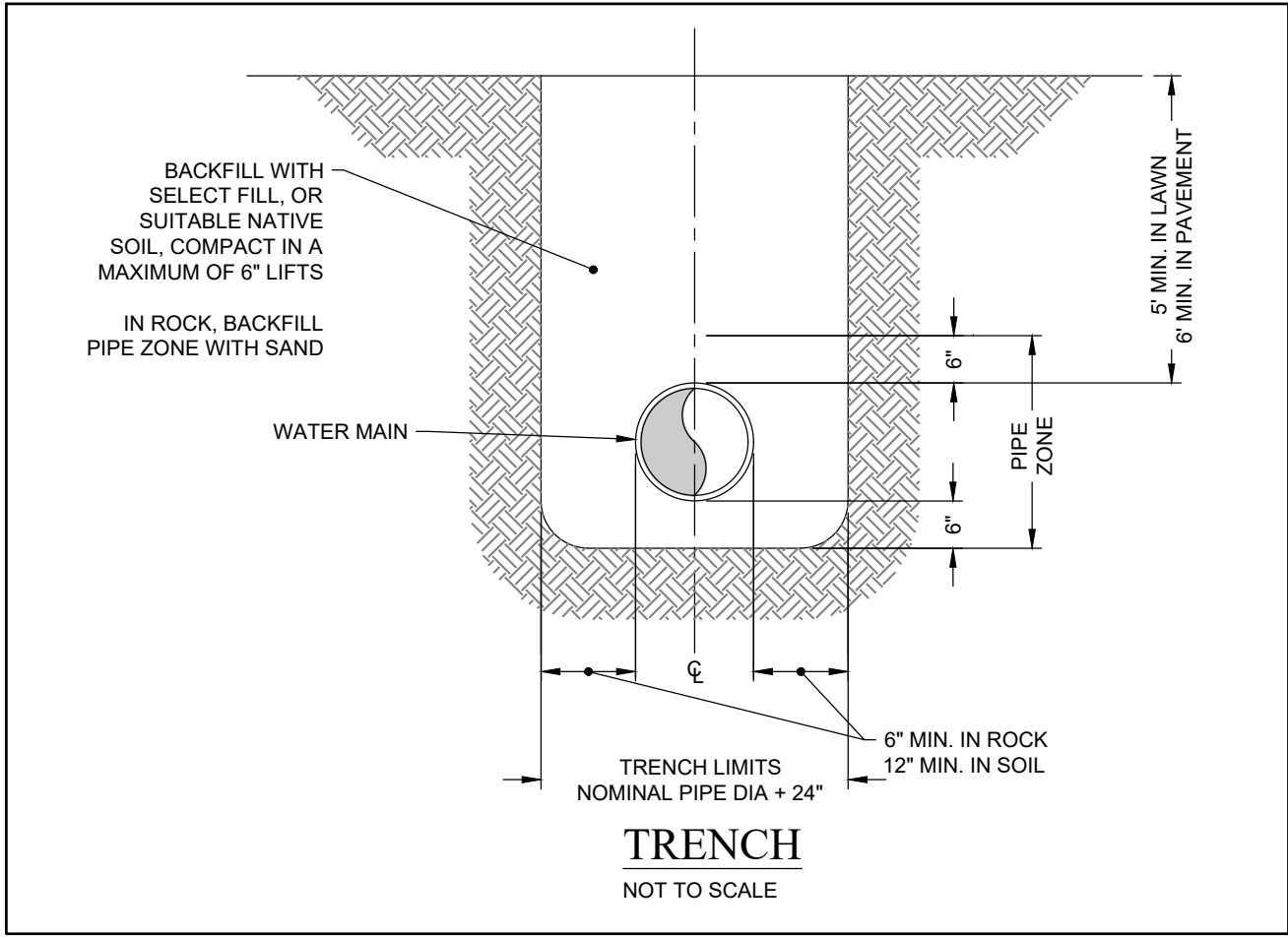
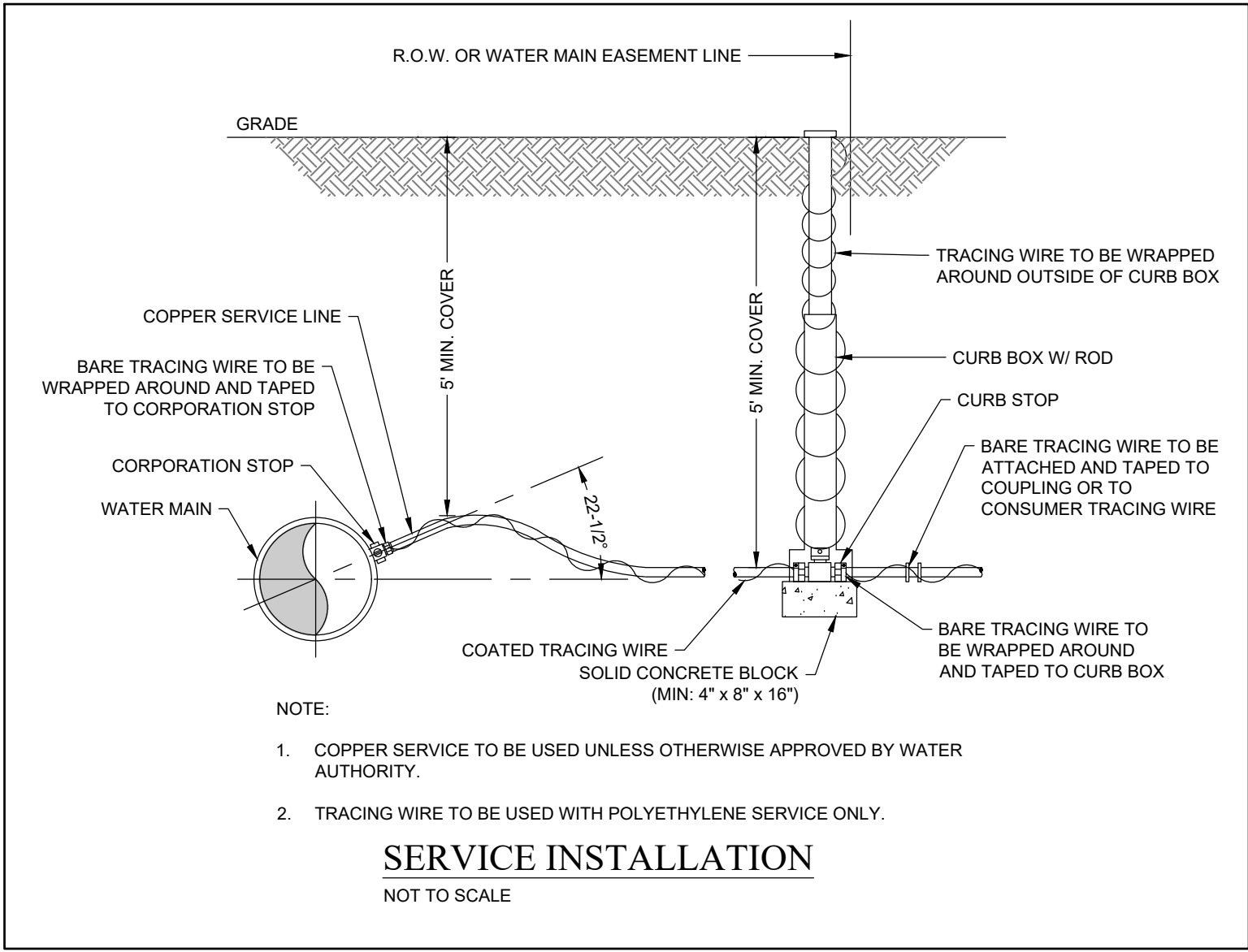
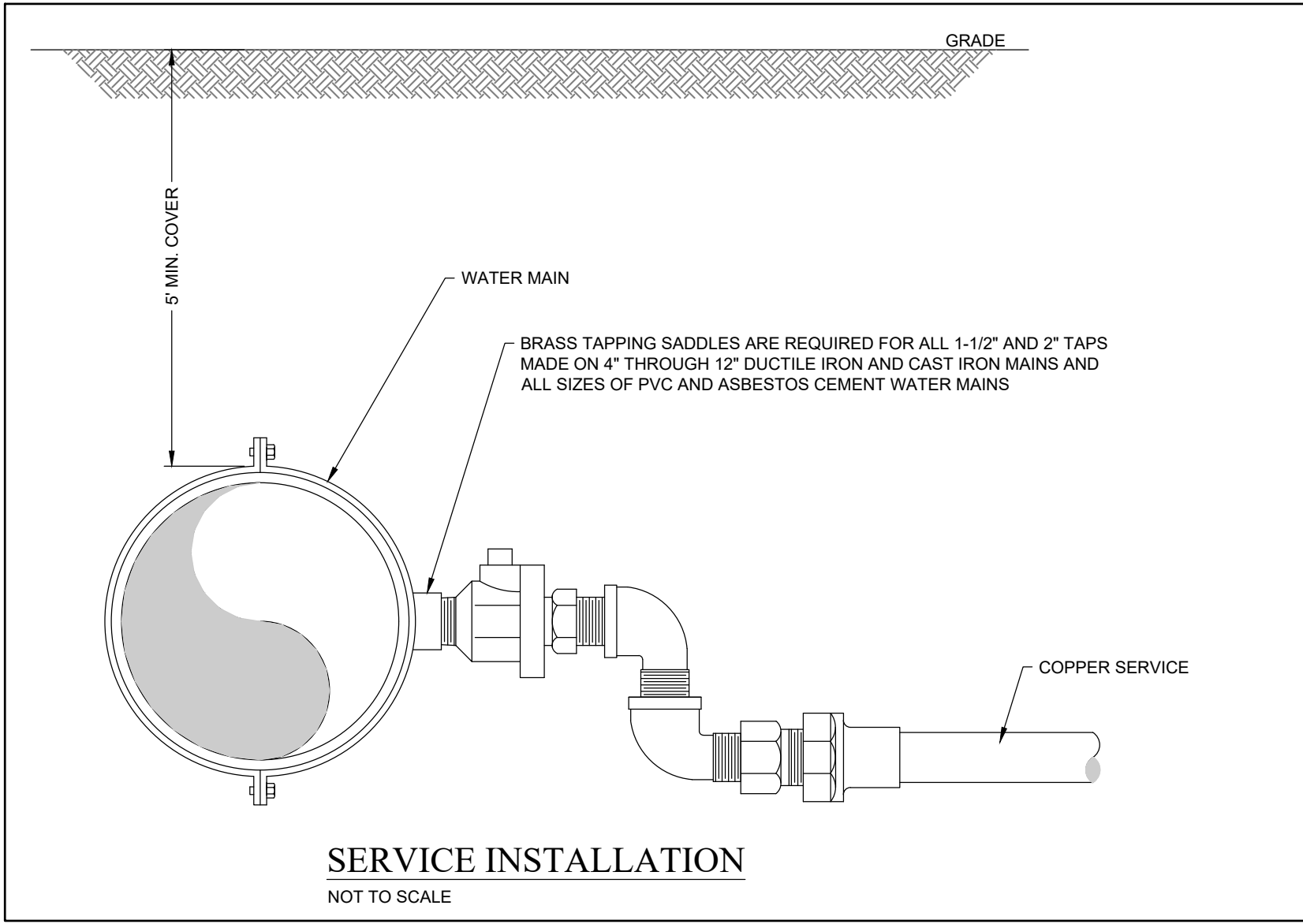
NOT TO SCALE

3	PER TOWN COMMENTS DATED OCTOBER 29, 2020	CJM	11/09/2020		
2	PER TOWN COMMENTS	CJM	08/04/2020		
1	PER TOWN COMMENTS	CJM	07/08/2020		
NO.	ISSUE/DESCRIPTION	BY	DATE		
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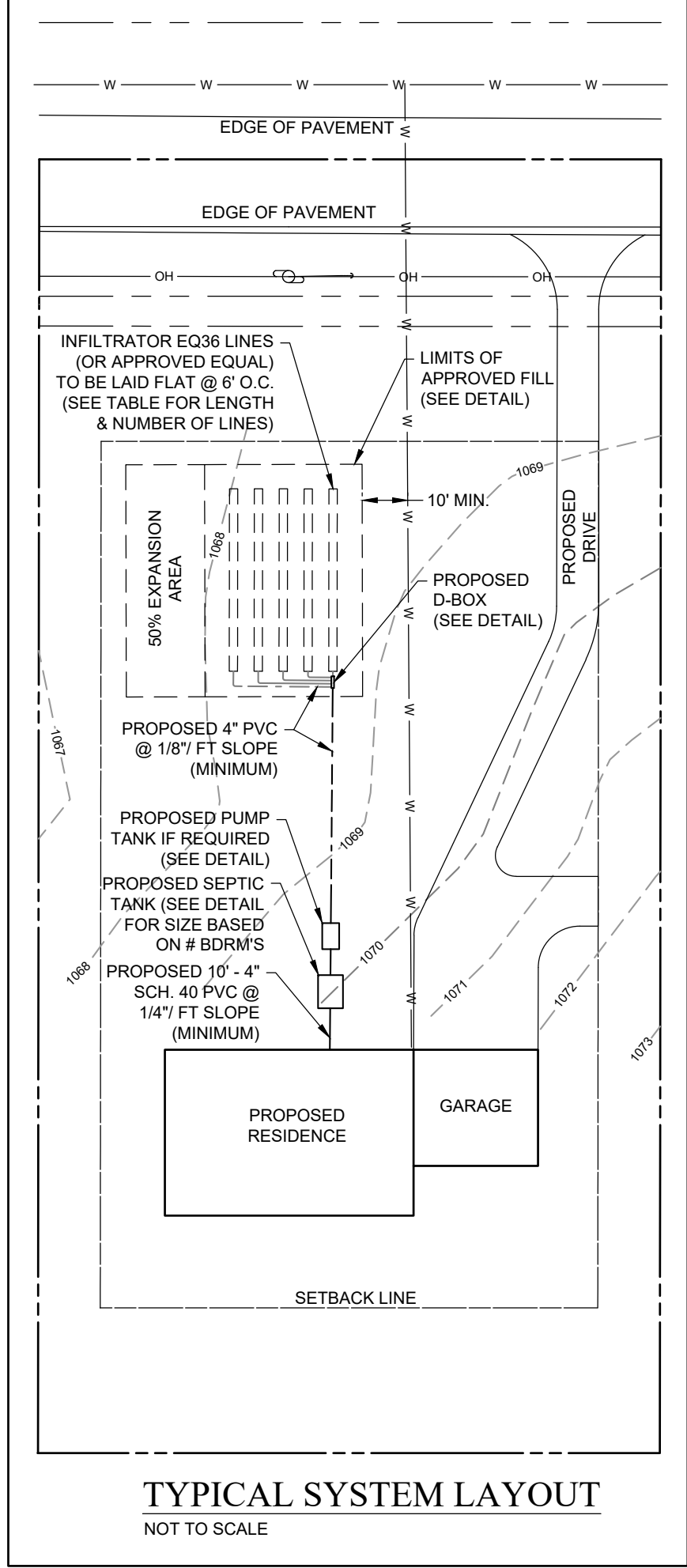


COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY			
DETAILS			
PREPARED BY: 		PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK	
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com			
PROJ MGR: E.K.R.	REVIEWED BY: C.J.M.	CHECKED BY:	DWG
DESIGNED BY: E.K.R.	DRAWN BY: E.K.R.	SCALE: AS NOTED	CC503 SHEET NO. 12 OF 14
DATE: JUNE 01, 2020	PROJECT NO. 31.0180302.00	REVISION NO. 4	

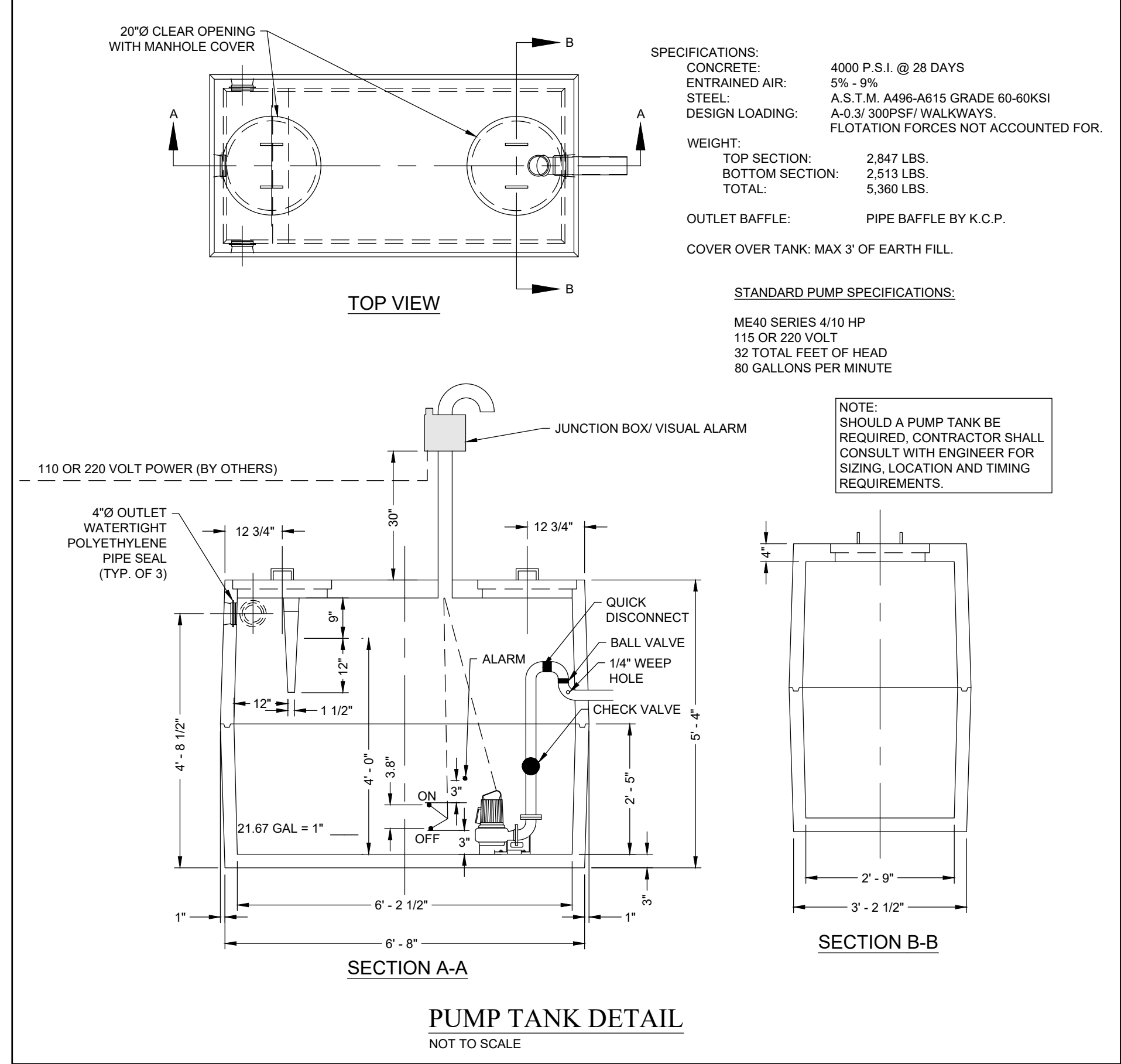
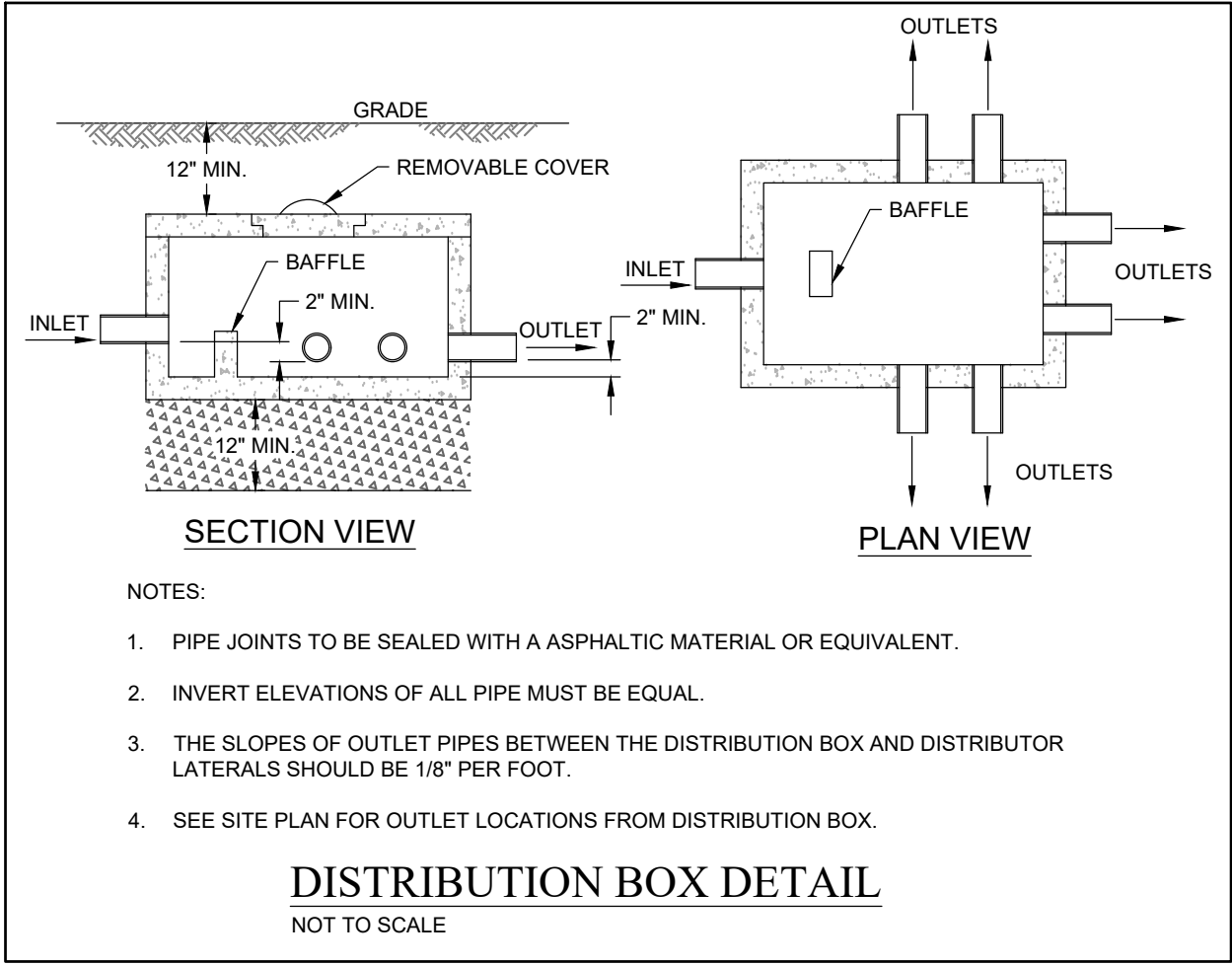
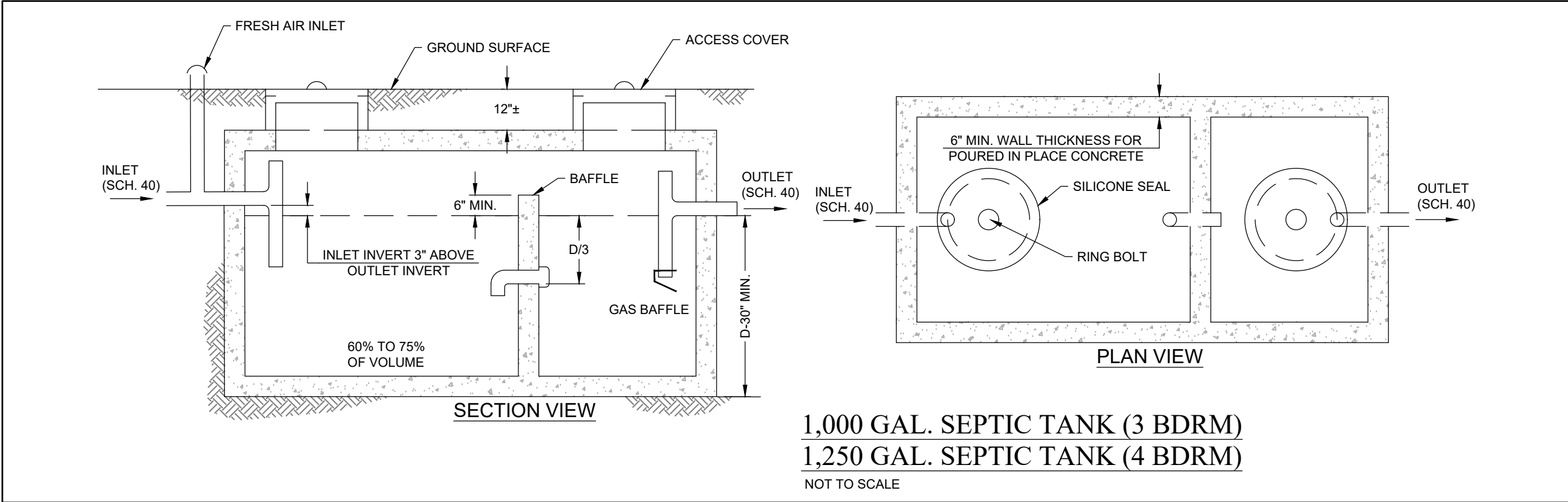
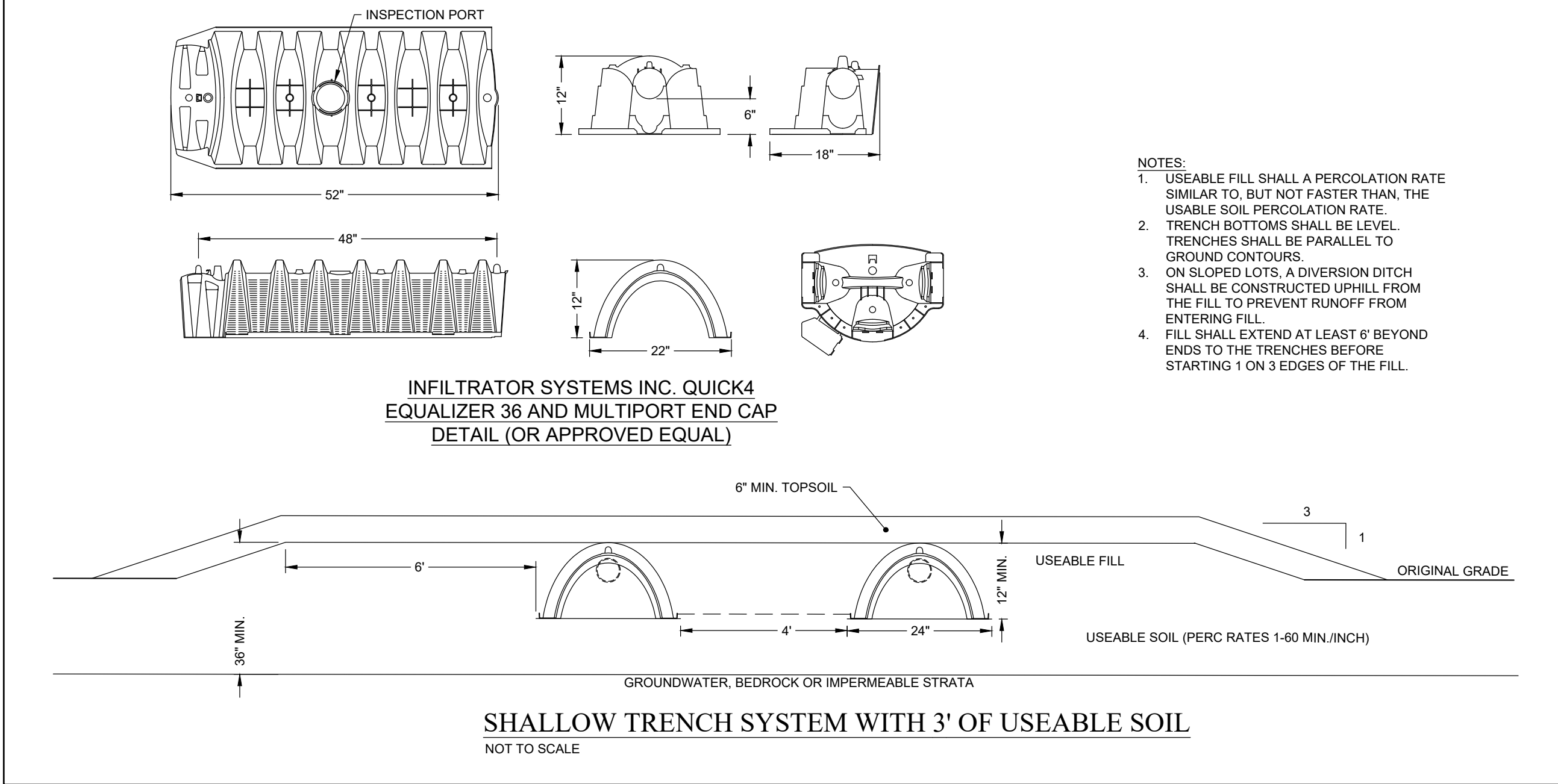
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				EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW, UNAUTHORIZED ALTERATION IS PROHIBITED			
				COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY			
				WATER SERVICE DETAILS			
PREPARED BY:				GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR:	
PROJ MGR:				E.K.R.		REVIEWED BY:	
DESIGNED BY:				E.K.R.		CHECKED BY:	
DATE:				JUNE 01, 2020		SCALE: AS NOTED	
				PROJECT NO.		REVISION NO.	
				31.0180302.00		4	
						DWG	
						CC504	
						SHEET NO. 13 OF 14	



3 BEDROOM EQ36	4 BEDROOM EQ36	TYPE
207' - 4 LINES @ 52'	275' - 5 LINES @ 56'	SHALLOW TRENCH



				EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW, UNAUTHORIZED ALTERATION IS PROHIBITED		COUNTY LINE ROAD SUBDIVISION COUNTY LINE ROAD TOWN OF SKANEATELES, STATE OF NY	
				STATE OF NEW YORK COUNTY OF ALBANY Professional Engineer No. 069423 Corey McWilliams		SEPTIC DETAILS	
				PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: CHRIS GRAHAM 4331 JORDAN ROAD SKANEATELES, NEW YORK	
				PROJ MGR: E.K.R. REVIEWED BY: C.J.M. DESIGNED BY: E.K.R. DRAWN BY: E.K.R. DATE: JUNE 01, 2020 PROJECT NO. 31.0180302.00		CHECKED BY: SCALE: AS NOTED REVISION NO. 4	
				DWG CC505 SHEET NO. 14 OF 14			