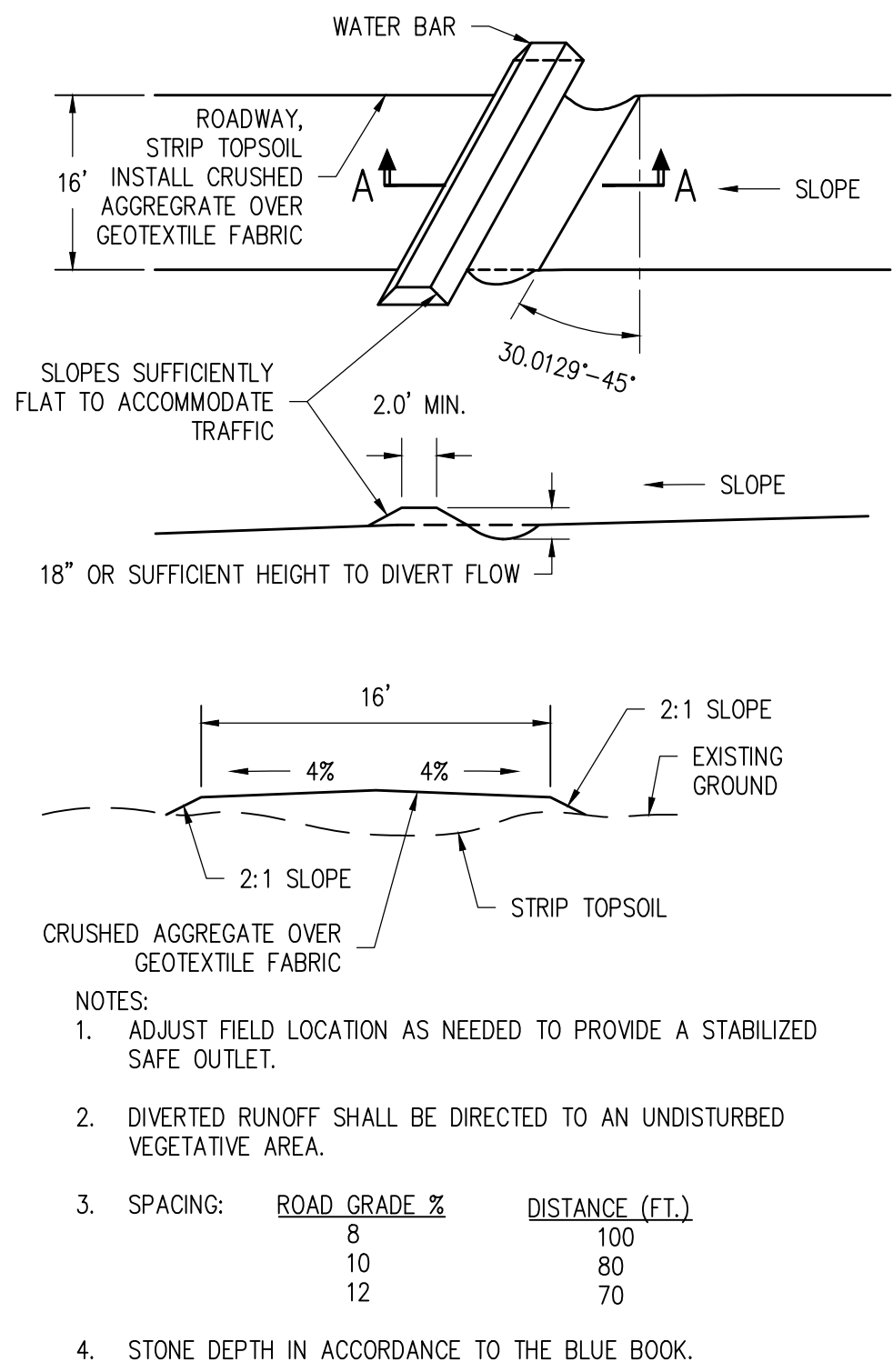


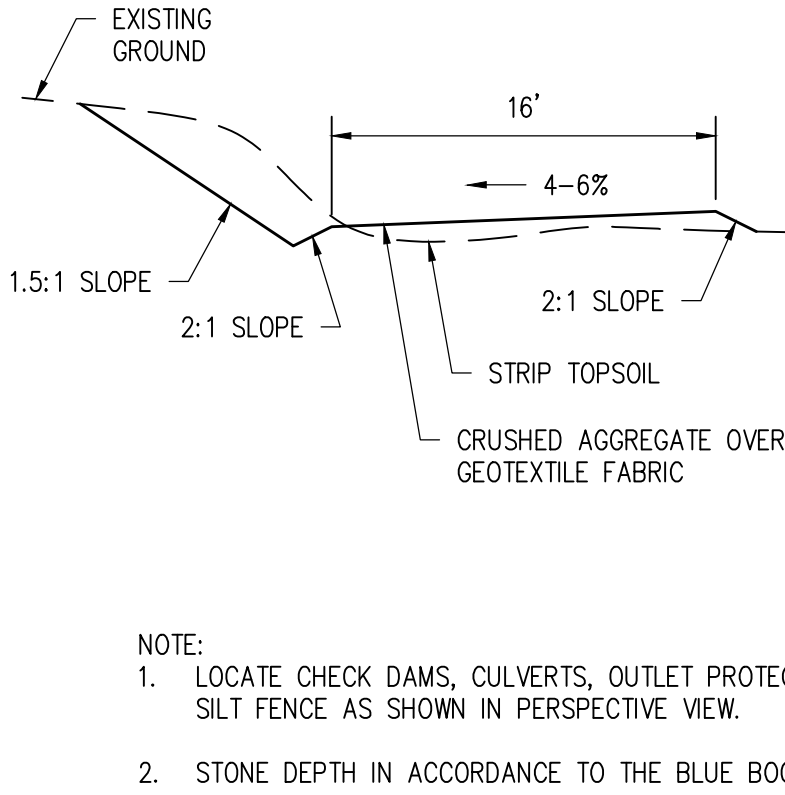
TYPICAL RIPRAP OUTLET 1A  
SCALE: NONE

TYPICAL RIPRAP OUTLET 1B  
SCALE: NONE

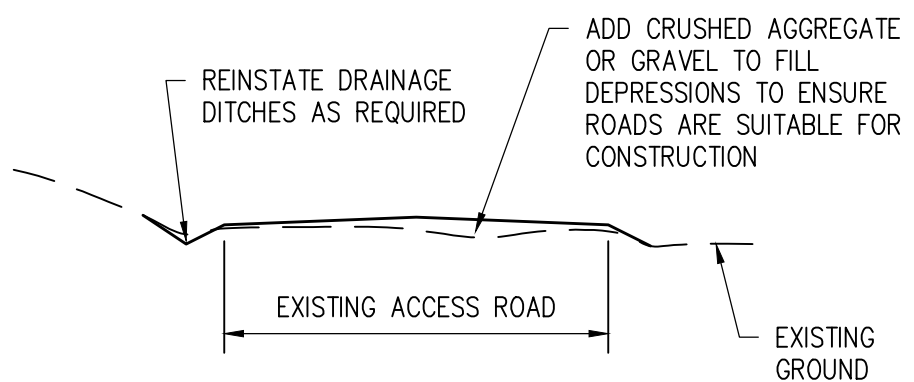
TYPICAL RIPRAP OUTLET 1C  
SCALE: NONE



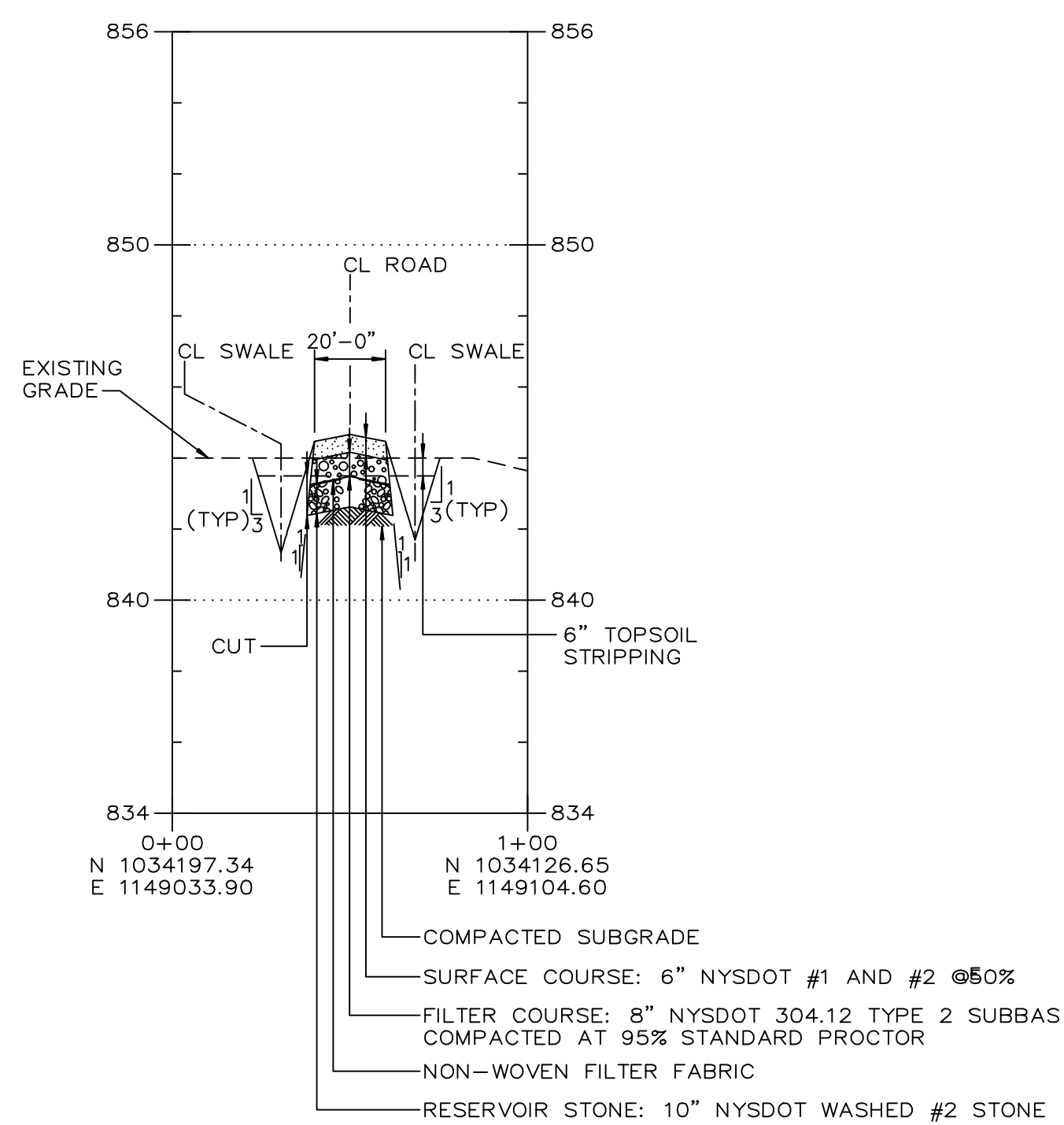
TYPE 1 GRAVEL ACCESS 2  
SCALE: NONE



TYPE 1 GRAVEL ACCESS 3  
SCALE: NONE



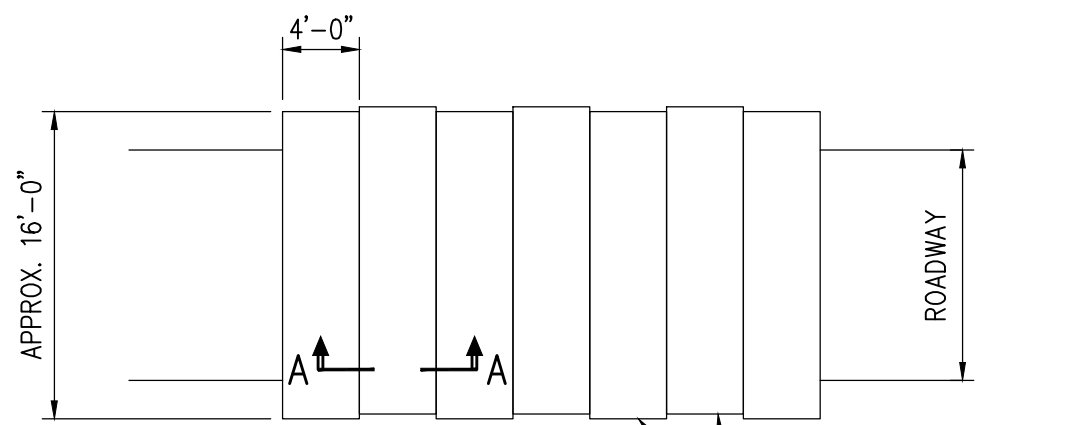
TYPE 3 ACCESS ROAD 4  
SCALE: NONE



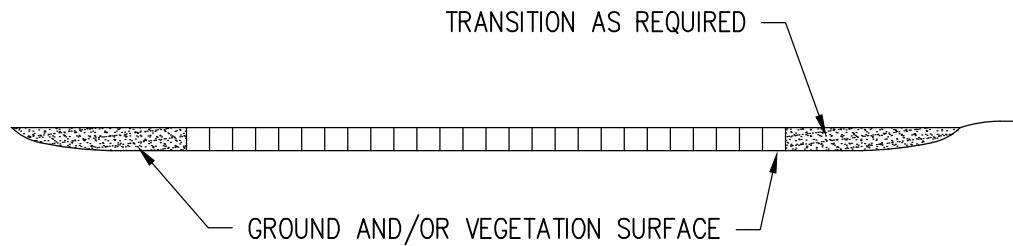
TYPE 4 ACCESS ROAD 5  
SCALE: NONE

NOTES

FILE LOCATION: L:\NEXTERA\NEXT-159 EMPIRE STATE LINE\TYPICALS\EST-D-T010-1.DWG LAST SAVED BY: tjwilcox 8/3/2020 8:58 AM PLOTTED BY: Tony J. Wilcox 8/3/2020 8:59 AM Tab:EST-D-T010-1



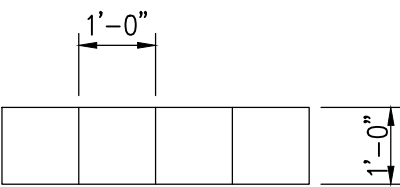
TYPICAL PLAN VIEW



TYPICAL SECTION VIEW

TYPE 2 ACCESS ROAD – MATTED “DRY” CROSSING

SCALE: NONE

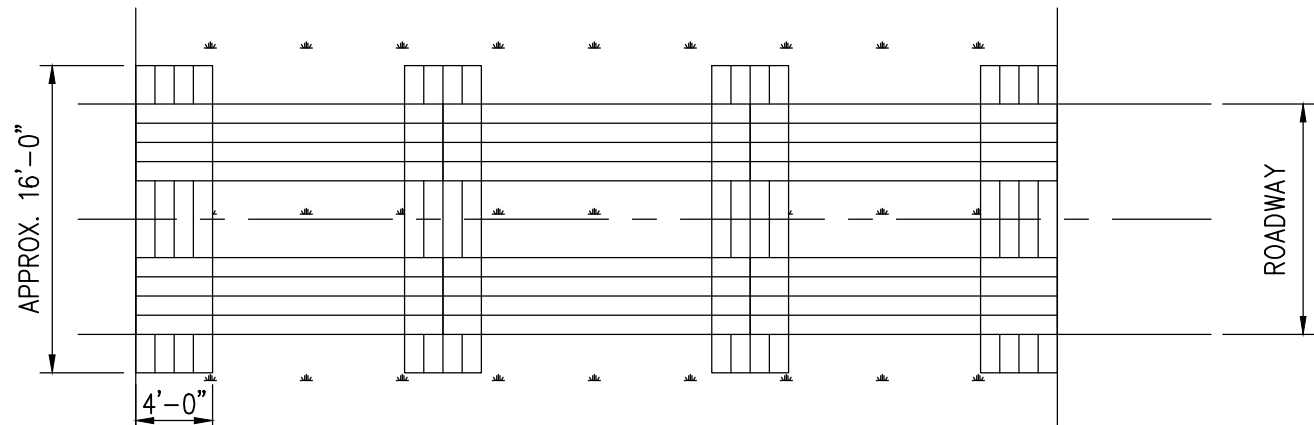


SECTION A-A

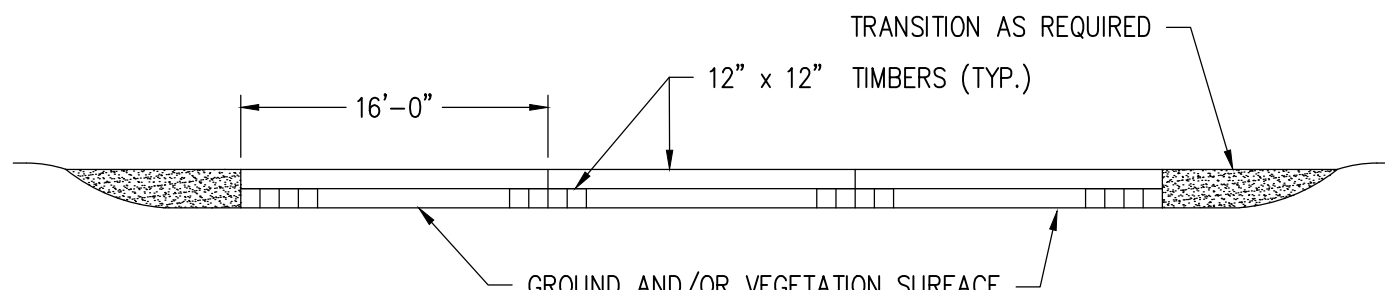
BOLTED TOGETHER

NOTES:

1. TO BE INSTALLED IF NECESSARY TO PREVENT RUTTING.
2. DETAIL SHOWS TYPICAL DIMENSIONS. SOME MATS ARE DIMENSIONALLY DIFFERENT FROM WHAT IS SHOWN HERE.
3. DEPENDING ON SITE CONDITIONS, MULTIPLE LAYERS OF MATS MAY BE INSTALLED.



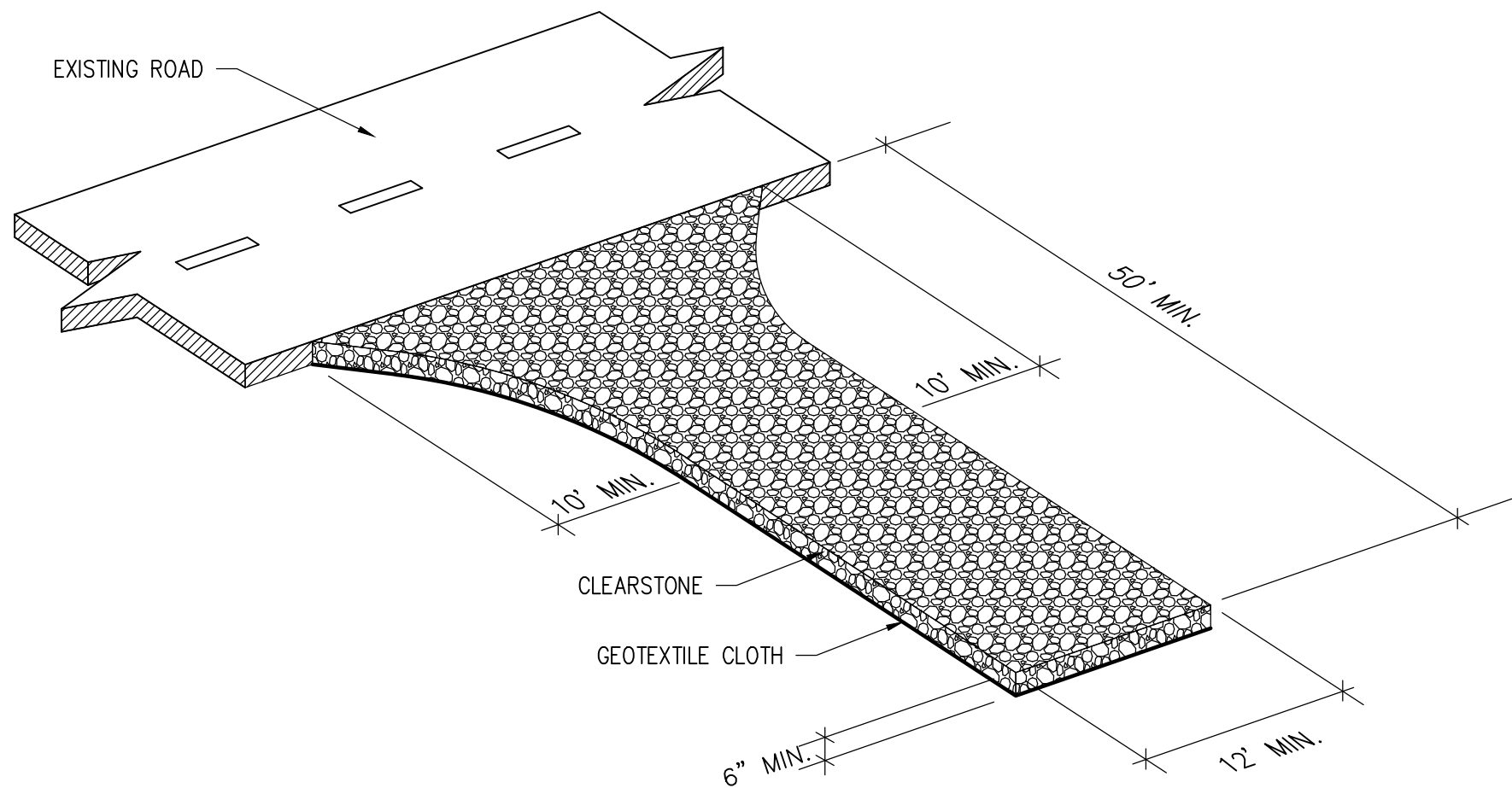
TYPICAL PLAN VIEW



TYPICAL SECTION VIEW

TYPE 2 ACCESS ROAD – MATTED WETLAND CROSSING

SCALE: NONE



MATERIAL NOTES

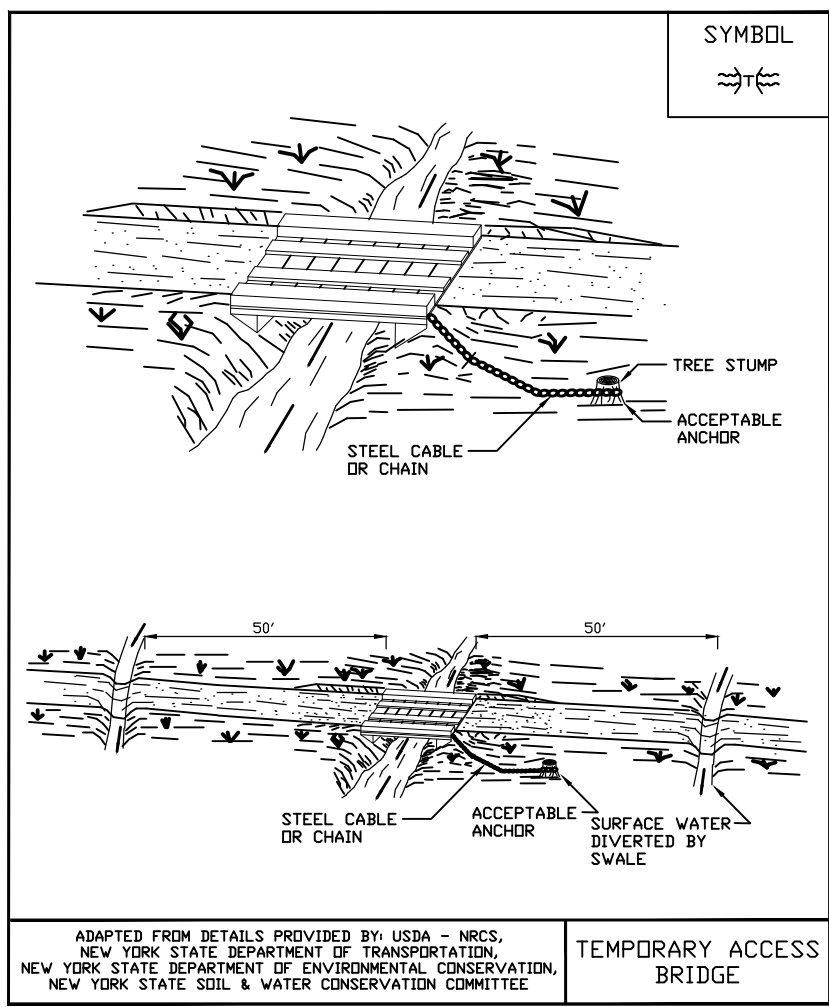
1. THE AGGREGATE FOR TRACKING PAD SHALL BE 2”-4” CLEAR, ANGULAR STONE.
2. THE TRACKING PAD SHALL BE UNDERLAIN WITH A WDOT TYPE R GEOTEXTILE CLOTH.

INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF STATE/COUNTY AND LOCAL REQUIREMENTS.
2. THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ANY TRAFFIC. STONE TRACKING PAD SHALL BE USED AT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS.
3. DIMENSIONS OF THE TRACKING PAD SHALL BE MINIMUM AS NOTED ON THE FIGURE ABOVE. THE WIDTH SHALL BE 16’ MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. THIRTY-TWO (32) FOOT IF SINGLE ENTRANCE TO SITE.
4. SURFACE WATER SHALL BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY FROM TRACKING PADS OR CONVEYED UNDER AND AROUND THEM USING CULVERTS. WHERE PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
5. CONSTRUCTION ENTRANCE SHALL BE REMOVED FROM THE SITE ONLY AFTER CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED.

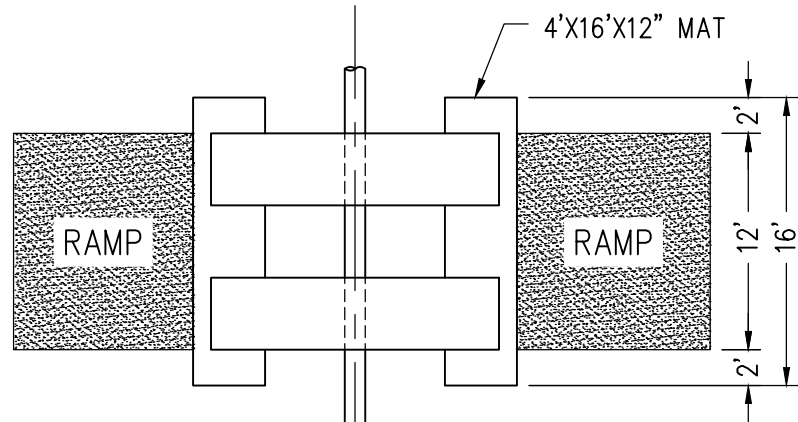
INSPECTION & MAINTENANCE NOTES

1. STONE TRACKING PADS SHALL BE INSPECTED IN ACCORDANCE TO THE BLUE BOOK.
2. ADDITIONAL AGGREGATE SHALL BE PLACED IF THE TRACKING PAD BECOMES BURIED OR IF SEDIMENT IS NOT BEING REMOVED EFFECTIVELY FROM THE VEHICLE TIRES.
3. A MINIMUM 6-INCH THICK PAD SHALL BE MAINTAINED AT ALL TIMES.
4. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
5. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED IMMEDIATELY.
6. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION FOR SITE CONDITIONS.
7. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

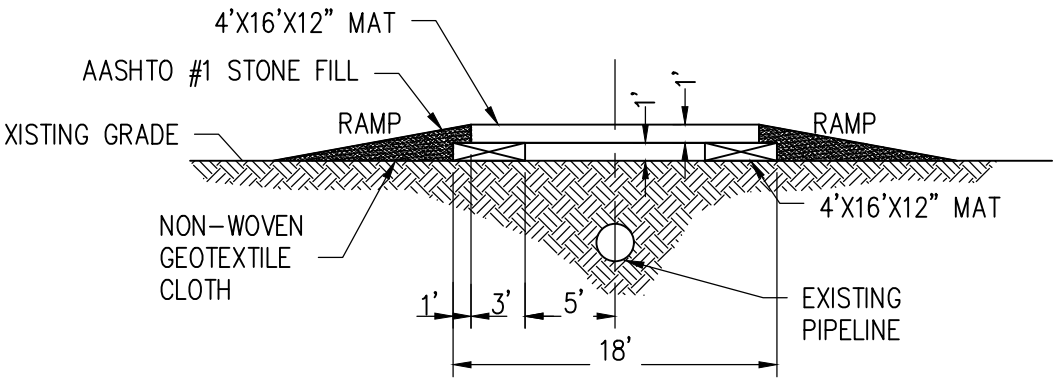


TEMPORARY ACCESS BRIDGE

SCALE: NONE



PLAN VIEW



TEMPORARY CONSTRUCTION RAMP OVER PIPELINE

PIPELINE CROSSING

SCALE: NONE

SPECIAL NOTE:  
PROPOSED VEHICLE AND EQUIPMENT WHEEL/TRACK LOADS WEIGHTS SHALL BE PROVIDE TO PIPELINE ENGINEERING SERVICES TO DETERMINE IF ADDITIONAL MEASURES ARE NECESSARY BASED ON THE SPACIFIC PIPELINE TO BE CROSSED.

NOTES:

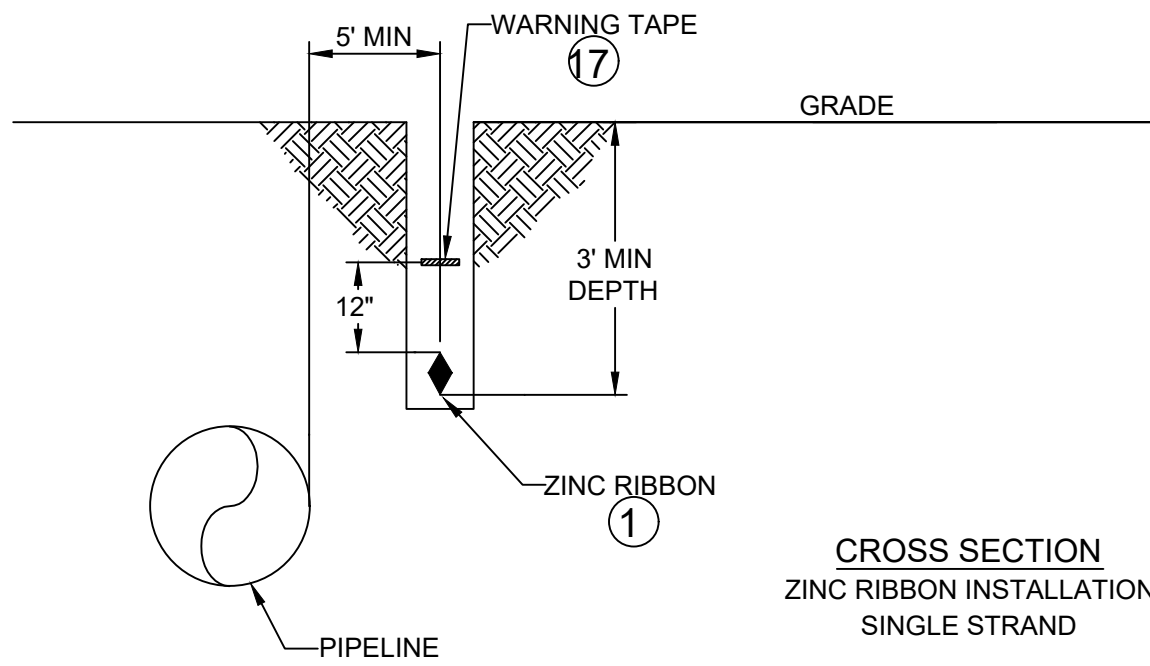
1. WOOD MATS WILL BE SUPPLIED AND INSTALLED BY CONTRACTOR.
2. STONE FILL TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
3. ADDITIONAL MATS, IF NEEDED, WILL BE SUPPLIED AND INSTALLED BY CONTRACTOR.

SAFETY NOTES:

1. THE PIPELINE AND APPURTENANCES AT OR NEAR THESE LOCATIONS CAN POSSESS POTENTIALLY LETHAL ELECTRICAL SHOCK HAZARDS UNTIL ALL GROUNDING IS INSTALLED.
2. NEXTERA ENERGY SHOULD PROVIDE A QUALIFIED ELECTRICAL SAFETY INSPECTOR ON-SITE DURING INSTALLATION OF THESE GROUND SYSTEMS TO ASSURE PERSONNEL SAFETY AND PIPELINE INTEGRITY.
3. ZINC RIBBON DEPTH AND SPACING ARE MINIMUM REQUIREMENTS. ADDITIONAL DEPTH OF ZINC RIBBON AND ADDITIONAL SPACING FROM THE PIPELINE IS ACCEPTABLE.

INSTALLATION NOTES:

1. HORIZONTAL DISTANCE FROM PIPELINE TO ZINC RIBBON CAN VARY BETWEEN 1' AND 25'.
2. INSTALL ZINC RIBBON TO SPECIFIED MINIMUM DEPTH.
3. INSTALL WARNING TAPE 12" ABOVE ZINC RIBBON THROUGHOUT PROJECT.



AC MITIGATION

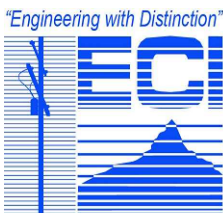
SCALE: NONE

TEMPORARY CONSTRUCTION ENTRANCE

SCALE: NONE

NOTES

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Global Environmental Specialists

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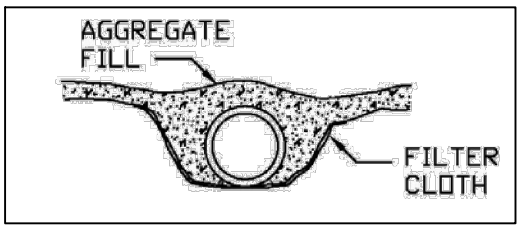
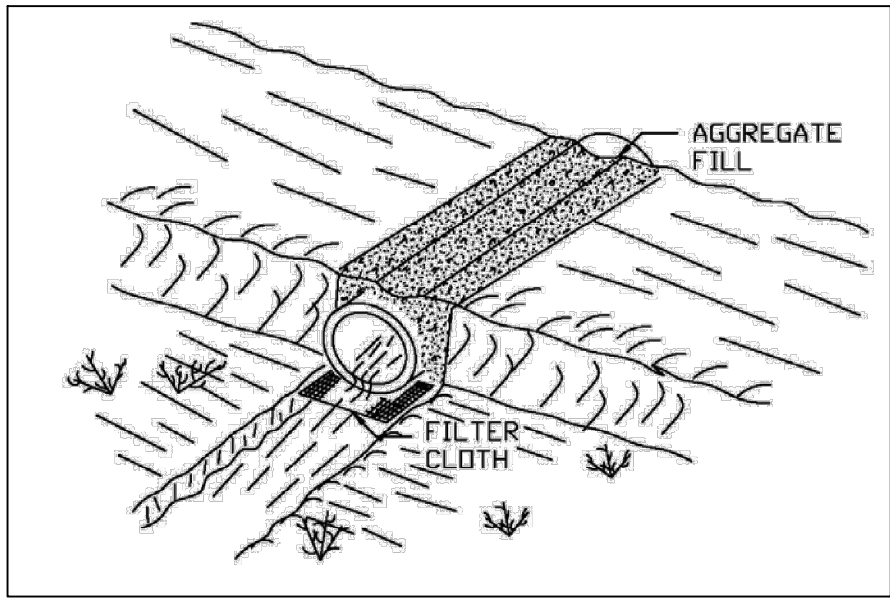
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DRAWN	T. WILCOX	06/18/20
DESIGNED		
CHECKED		
APPROVED		
NONE		

EMPIRE STATE TRANSMISSION LINE

ACCESS DETAILS

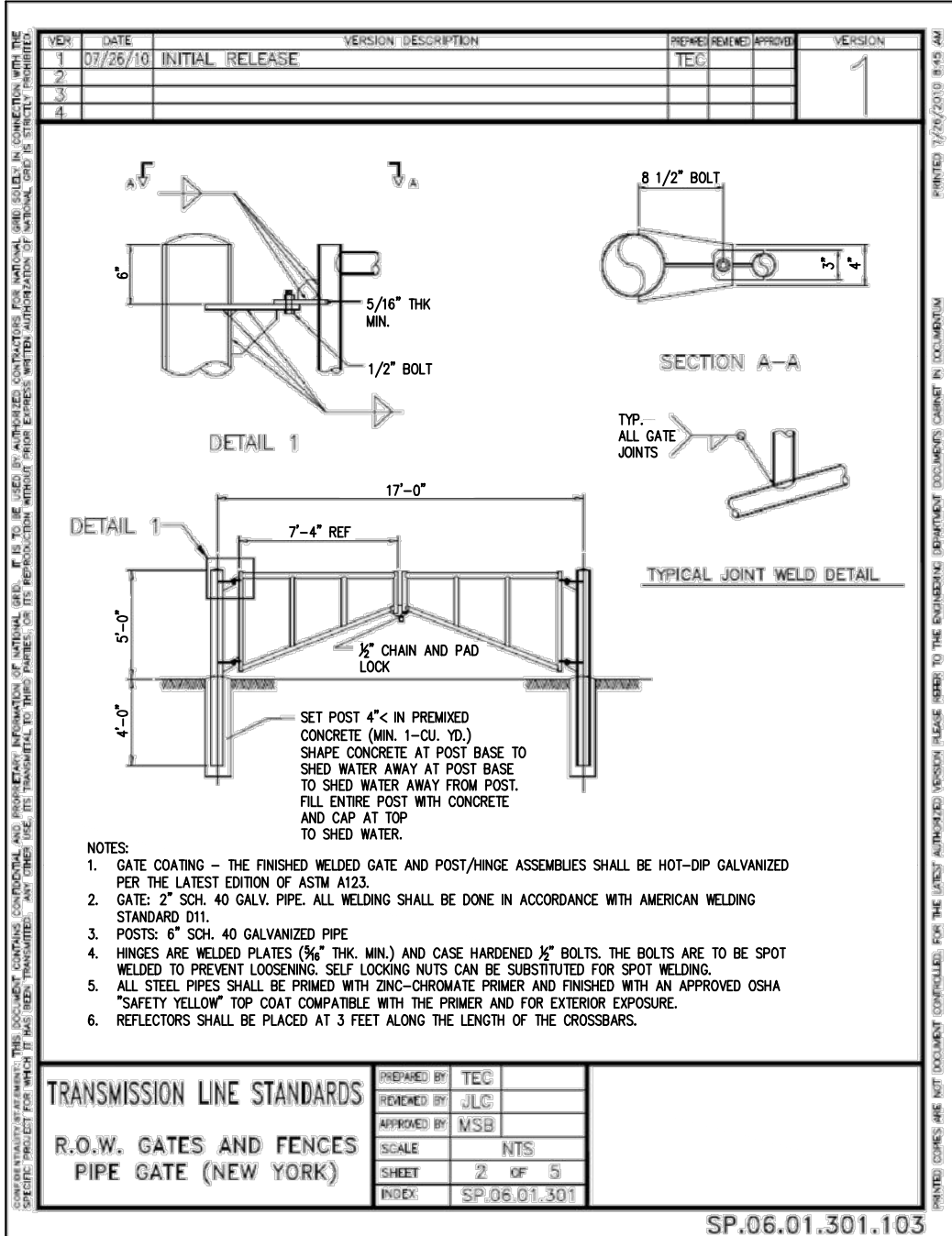
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REVISION NO : A



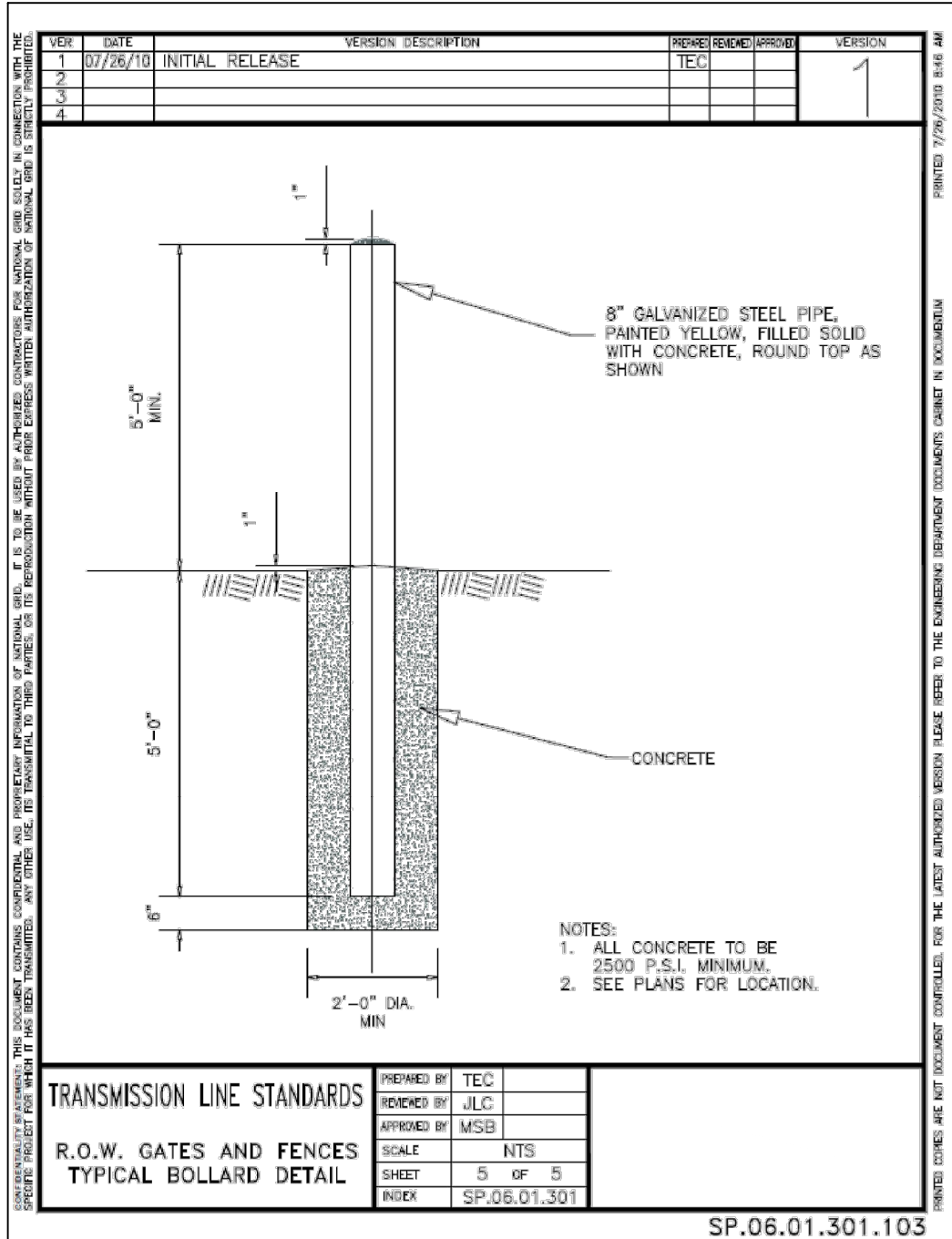
CULVERT UPGRADES  
SCALE: NONE

12  
-



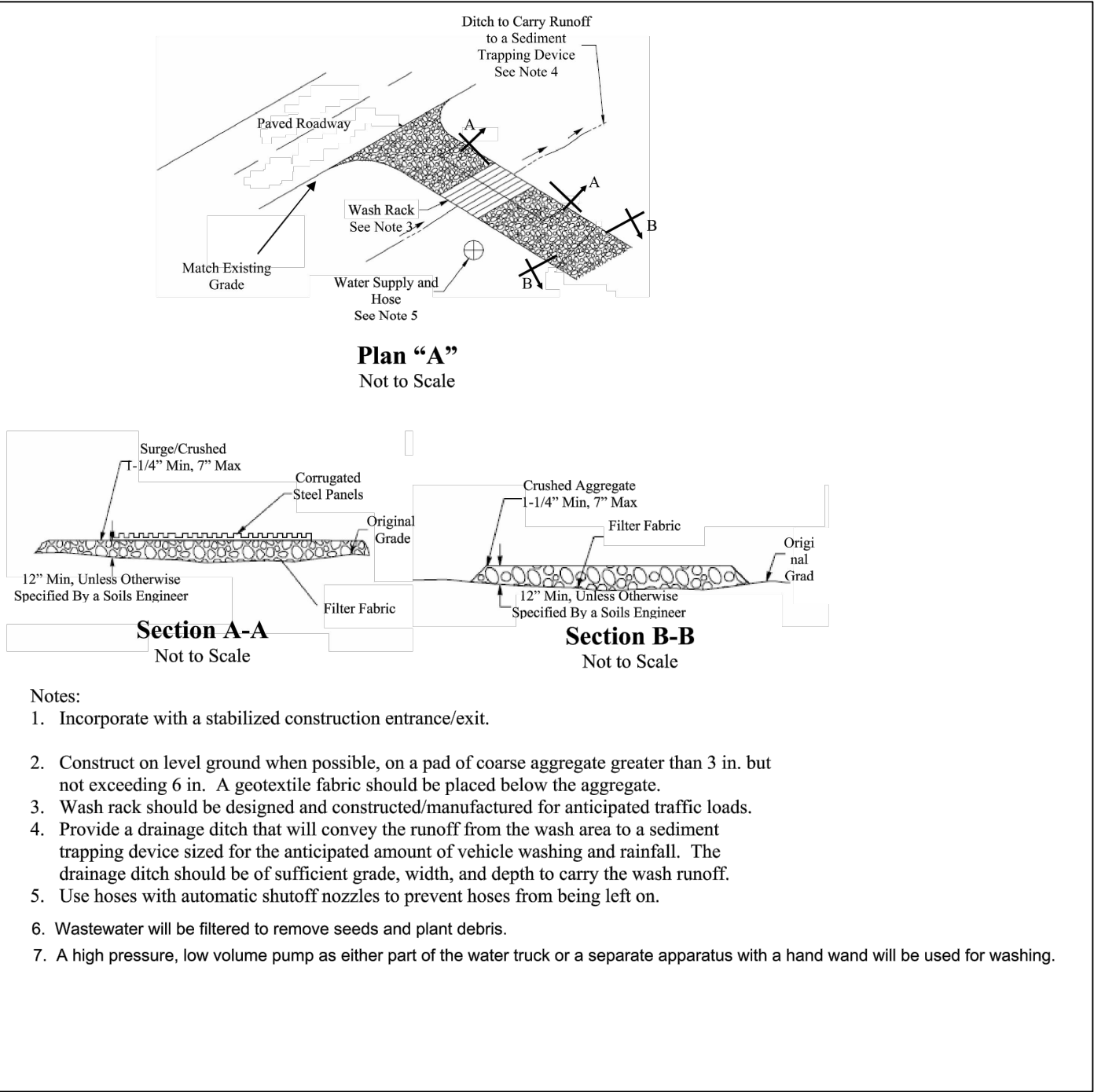
ROW GATE  
SCALE: NONE

13  
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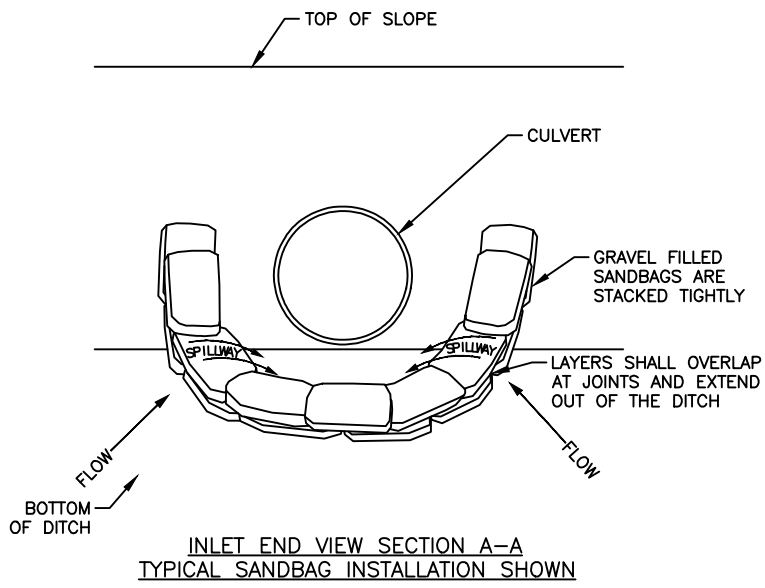
ROW GATE BOLLARD  
SCALE: NONE

14  
-



CLEANING STATION  
SCALE: NONE

15  
-



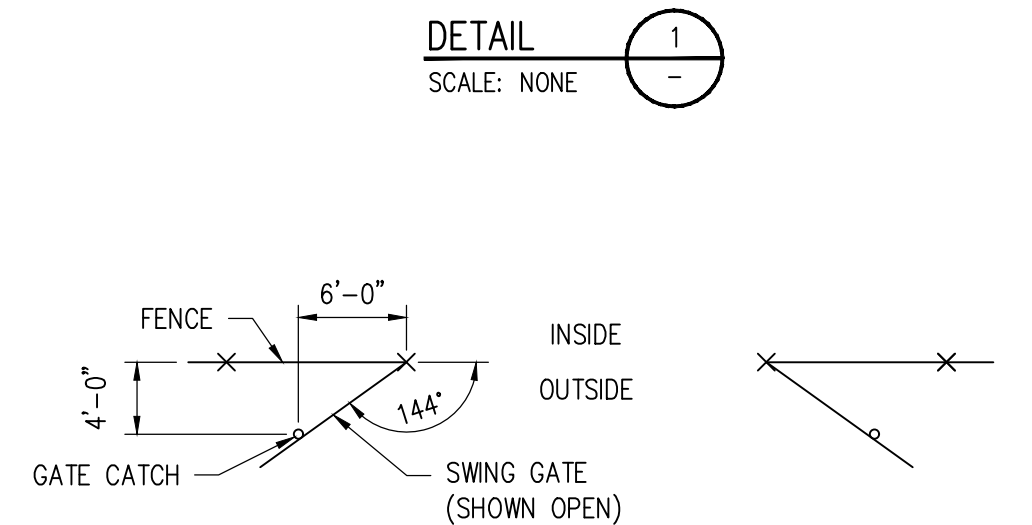
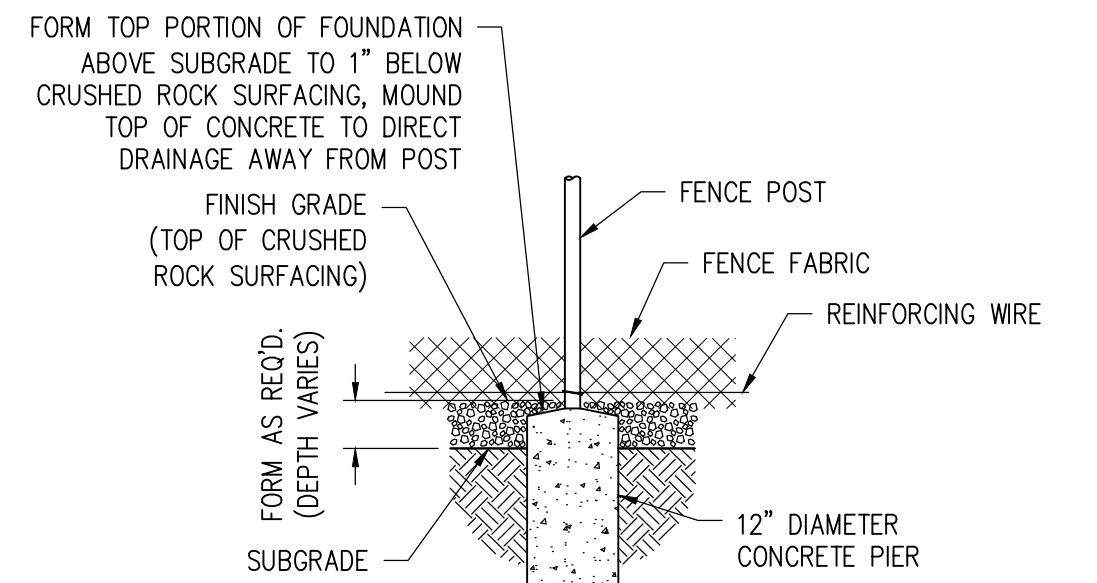
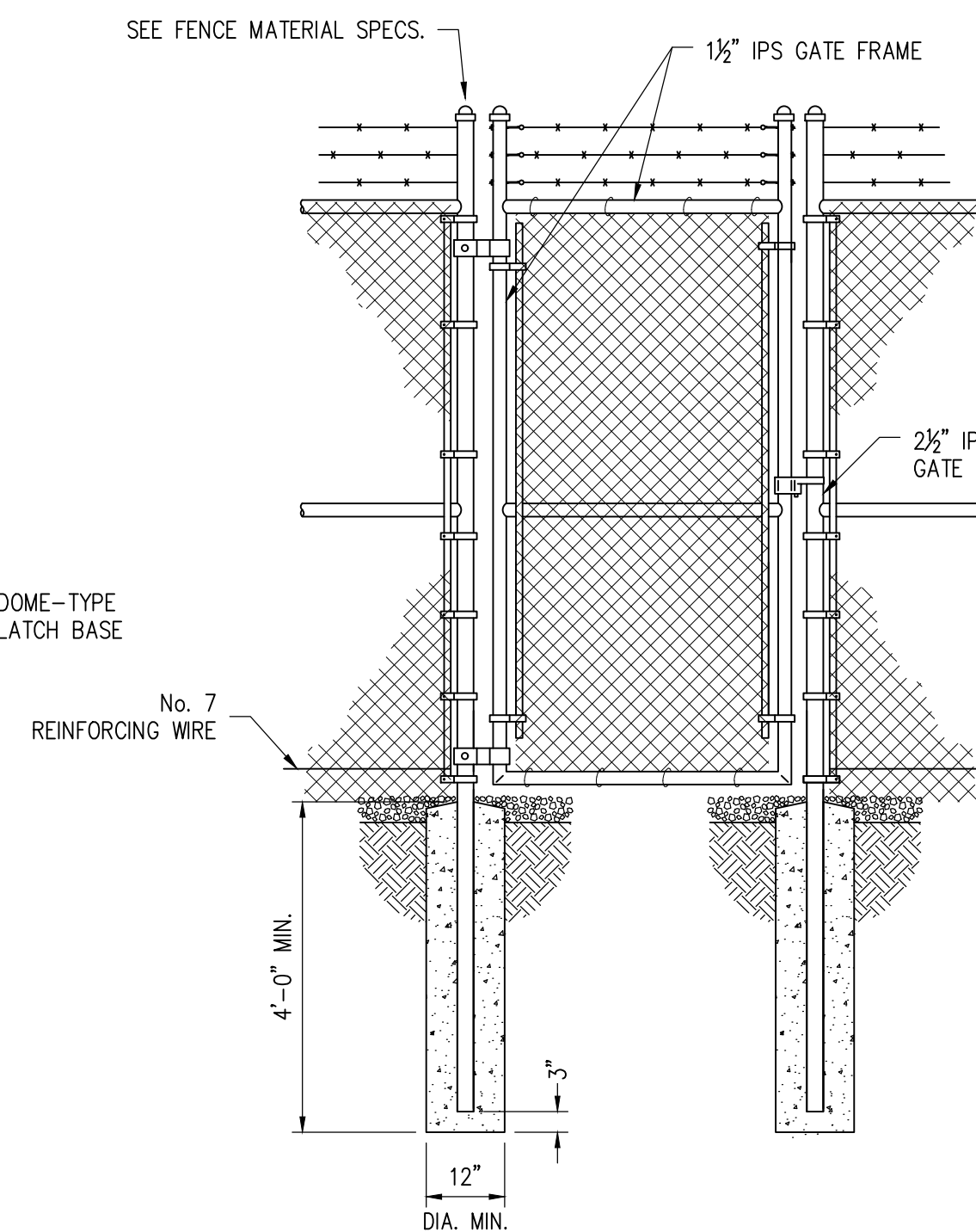
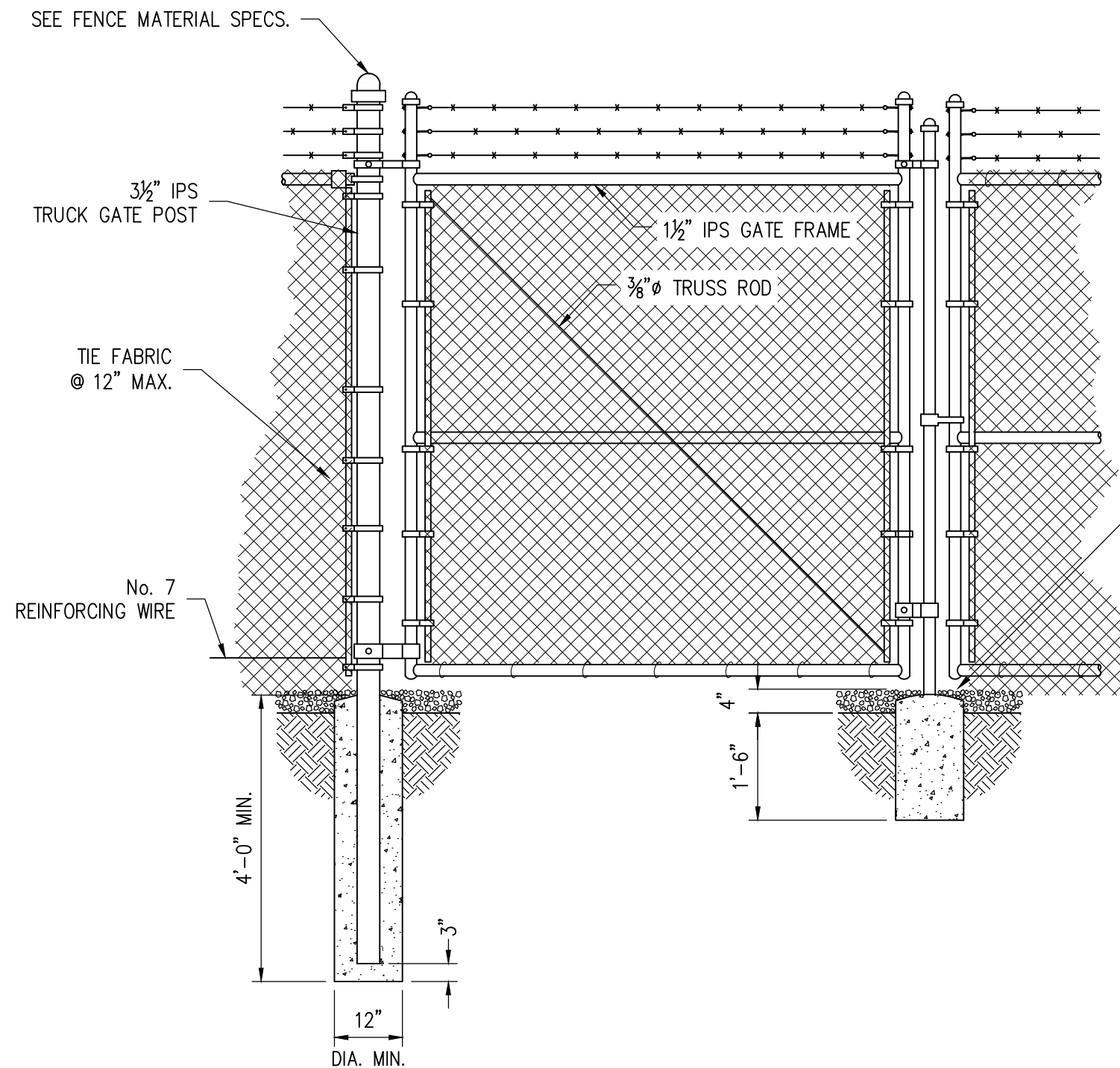
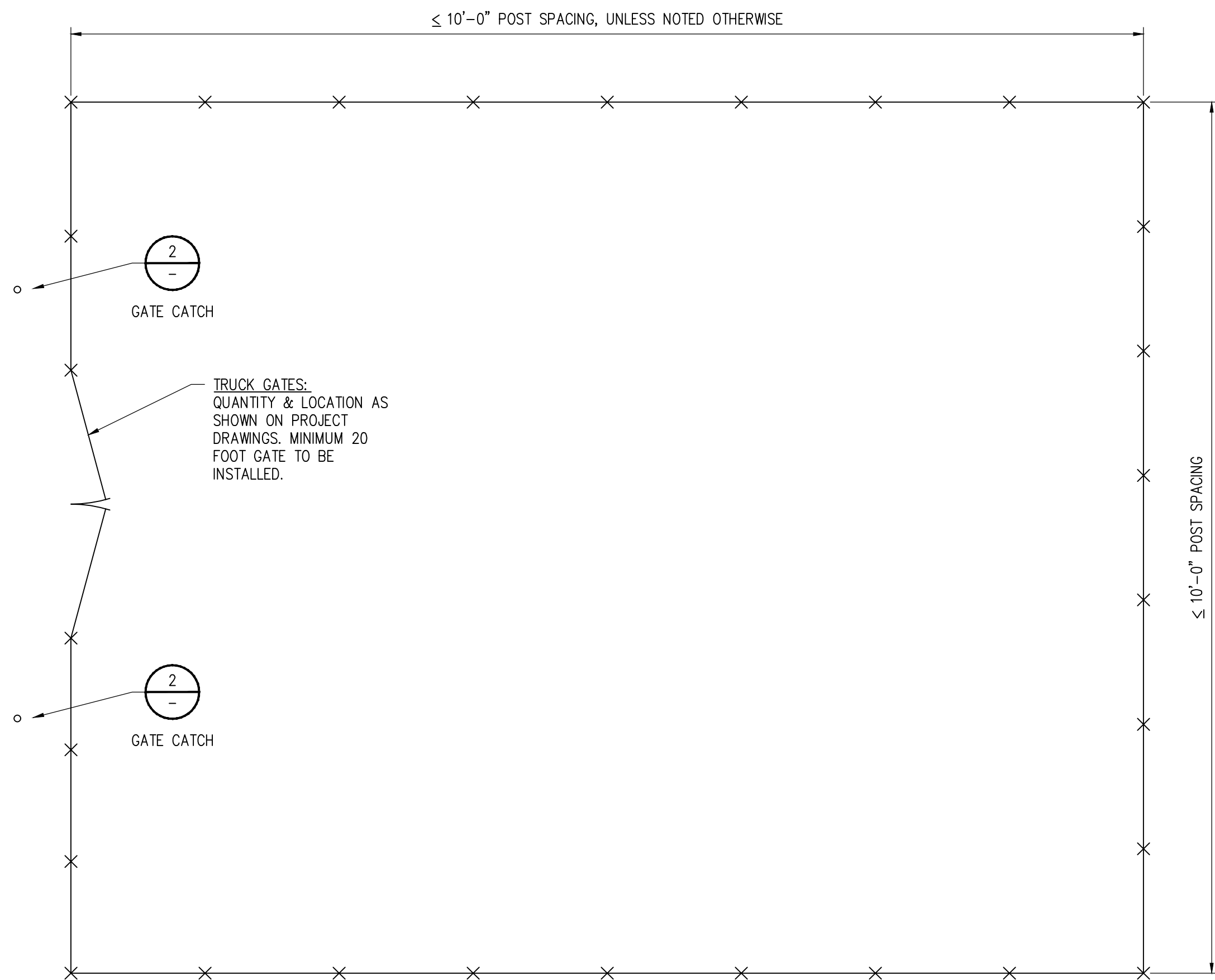
INLET PROTECTION  
SCALE: NONE

16  
-

- CULVERT INLET PROTECTION NOTES:
- MATERIALS  
BARRIER MATERIALS:
- SANDBAG BARRIER, CONSISTING OF TIGHTLY WOVEN BURLAP OR WOVEN GEOTEXTILE BAG MATERIAL, SUFFICIENTLY DURABLE TO REMAIN INTACT FOR THE TIME INTENDED. BAGS 2/3 FULL OF GRAVEL OR SAND WITH A GRADATION SUCH THAT NO FINE SEDIMENT PASSES THROUGH THE BAG. IF THE SANDBAGS ARE NEEDED FOR MORE THAN ONE SUMMER SEASON, PROVIDE BAG MATERIAL THAT HAS ULTRAVIOLET STABILITY OF AT LEAST 10% IN CONFORMANCE WITH ASTM D4555 REQUIREMENTS. SECURELY CLOSE THE SANDBAGS.
- INSTALLATION
- ASSURE THAT BARRIER MAKES FULL CONTACT WITH SOIL ALL AROUND THE INLET.
  - IF PROTECTING BOTH DITCHLINE AND TOP OF PIPE, THE PROTECTION BARRIER CAN BE A SINGLE CONTINUOUS CIRCLE.
- MAINTENANCE
- REMOVE ACCUMULATED SEDIMENT BEFORE IT REACHES ONE-THIRD OF THE DESIGN DEPTH OF SPILLWAY.
  - RESTORE STRUCTURE TO ITS ORIGINAL DIMENSIONS AND FULL CONTACT WITH SOIL AROUND THE INLET AS SOON AS PRACTICABLE.
  - REPAIR ANY STRUCTURAL DAMAGE, INCLUDING REPLACING DAMAGED SANDBAGS, AS SOON AS PRACTICABLE.

## NOTES

FILE LOCATION: L:\NEXTERA\NEXT-159 EMPIRE STATE LINE\TYPICALS\EST-D-T010-3.DWG LAST SAVED BY: tjwilcox 8/3/2020 9:56 AM PLOTTED BY: Tony J. Wilcox 8/3/2020 9:58 AM Tab:EST-D-T010-3

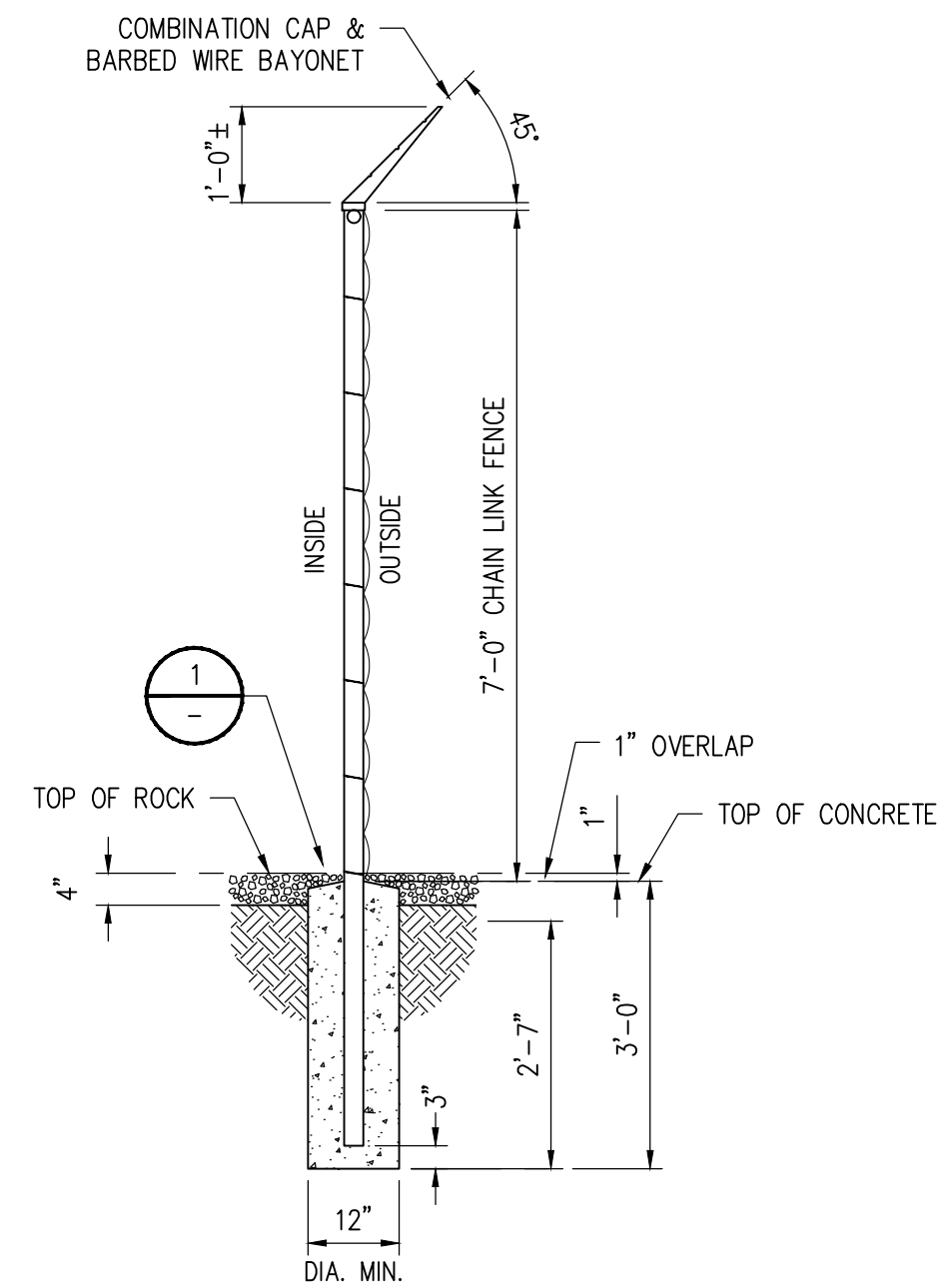
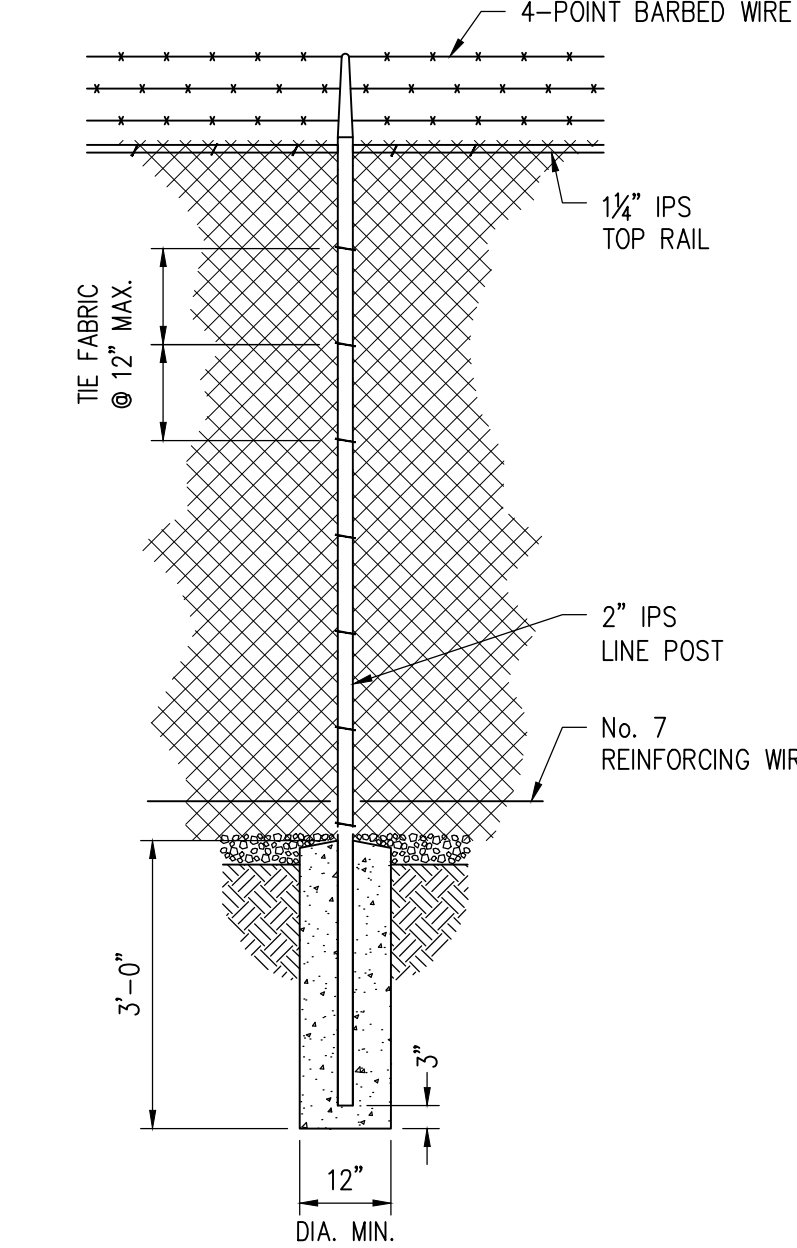
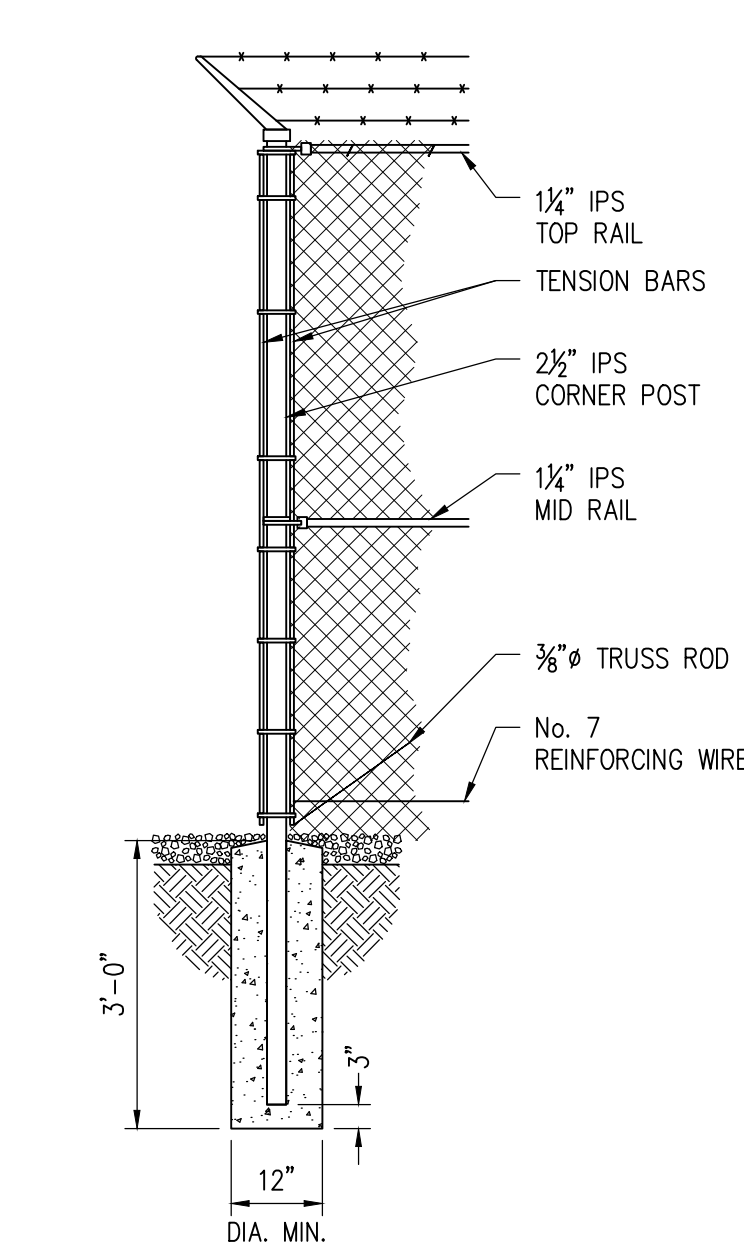
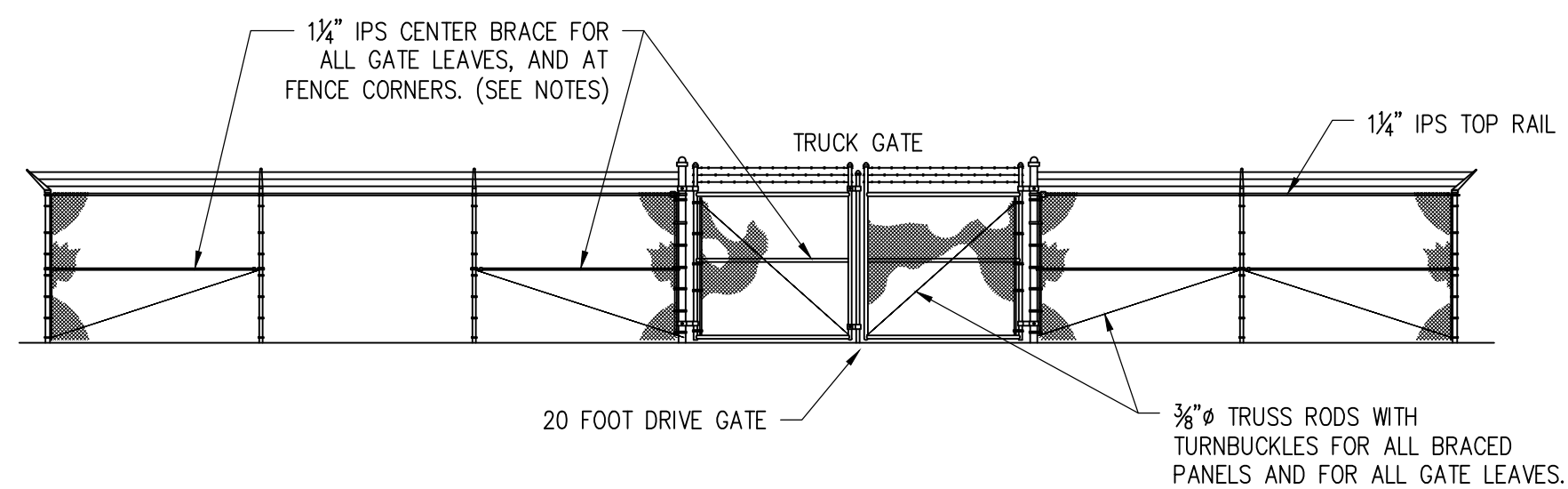


TWO GATE CATCHES SHALL BE INSTALLED W/EACH DOUBLE SWING GATE

ELEVATION

GATE CATCH 2

SCALE: NONE



FENCE POST AND PIPE SIZES		
ITEM	POST	FRAME
TRUCK GATES TO 10'-0" (SINGLE PANEL)	3 1/2" IPS	1 1/2" IPS
TRUCK GATES OVER 10'-0" (SINGLE PANEL)	6" IPS	1 3/4" IPS
WALK GATES	2 1/2" IPS	1 1/2" IPS
CORNER POSTS	2 1/2" IPS	-----
LINE POSTS	2" IPS	-----
TOP RAIL & CENTER BRACE	-----	1 1/4" IPS

FABRIC & HARDWARE SPECIFICATIONS	
ITEM	DESCRIPTION
FABRIC	2" MESH, 9 GAUGE GALV. STEEL
STRETCHER BAR	3/16"x3/4" MIN. EQUIV. AREA
BARB WIRE	2 STRAND, 12 1/2 GAUGE TWISTED, WITH 4-PT. BARBS @ 5" O.C.
LATCH	VERTICAL PLUNGER ROD WITH SLOTTED DOME LATCH BASE
TIE WIRE	ALUMINUM, 6 GAUGE
CONCRETE	3200 PSI 28 DAY COMPRESSIVE STRENGTH

FENCE MATERIAL SPECIFICATIONS

NOTES

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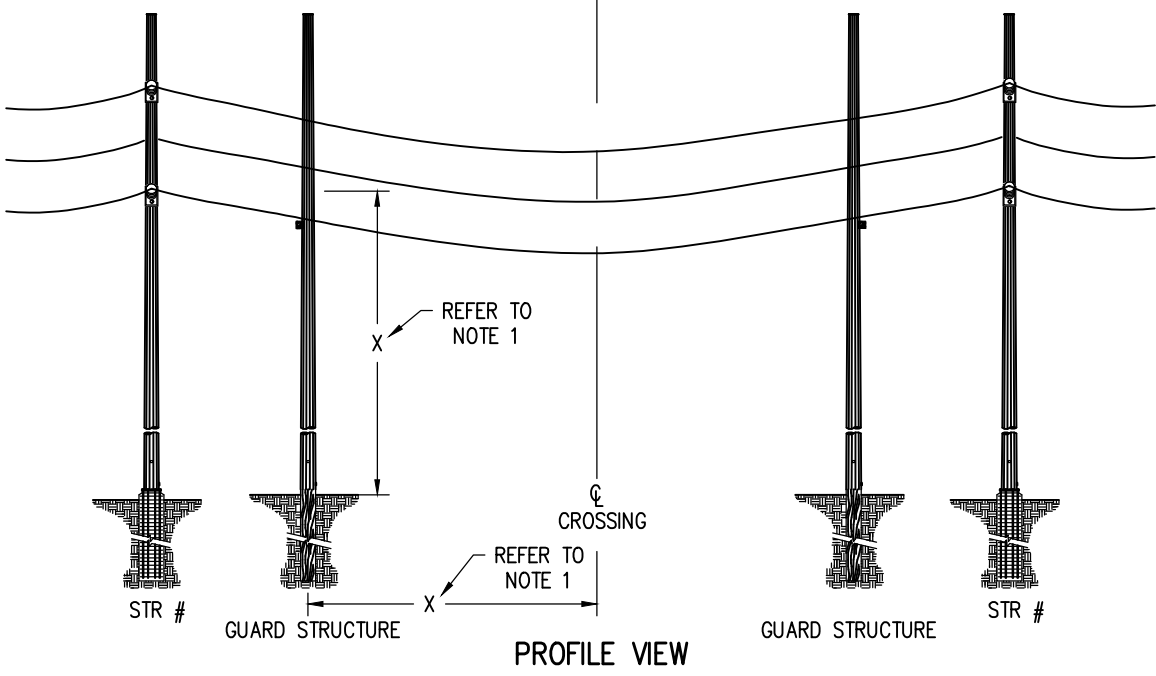
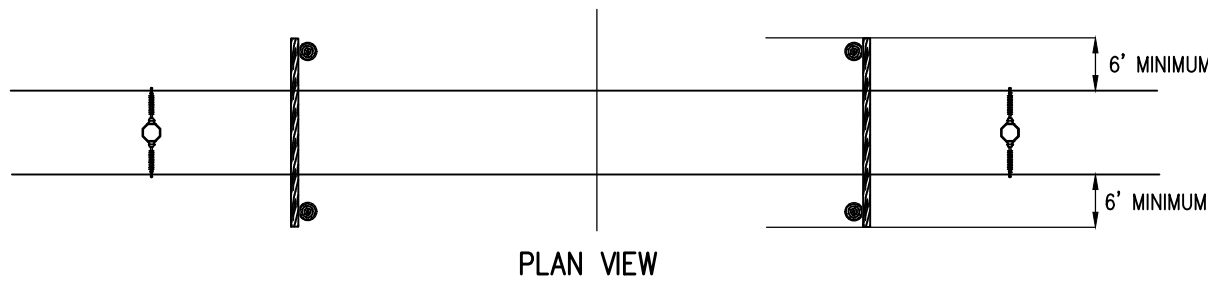


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NO	REVISION	DATE	BY	APR	



ENGINEERING RECORD		DATE
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DESIGNED		
CHECKED		
APPROVED		
NONE		

EMPIRE STATE TRANSMISSION LINE	
SECURITY FENCE DETAILS	
EST-D-T010-4	REVISION NO : A



GUARD STRUCTURES  
SCALE: N.T.S.

- NOTES:
1. CONDUCTOR STRINGING AND INSTALLMENT SHALL MEET ALL STANDARDS AND REQUIREMENTS SET FORTH WITHIN THE CROSSING PERMIT. AND SHALL BE DONE IN A MANNER SATISFACTORY TO THE CROSSING FACILITY OWNER. THE OWNER OF CROSSING FACILITY SHALL BE NOTIFIED A MINIMUM OF FORTY EIGHT (48) HOURS PRIOR TO STRINGING CONDUCTOR, OR PER THE REQUIREMENTS AS STATED WITHIN THE CROSSING PERMIT.
  2. CONTRACTOR MAY PROPOSE ALTERNATE METHOD FOR GUARD STRUCTURES. THIS DRAWING HAS BEEN PROVIDED AS TYPICAL IN EFFORTS TO TABULATE CROSSING LOCATIONS AND TO SET FORTH THE MINIMUM REQUIREMENTS.
  3. CROSSINGS OVER EXISTING DISTRIBUTION AND TRANSMISSION LINES SHALL BE COORDINATED WITH THE UTILITY OWNER. WARNING TAGS SHALL BE PLACED ON ALL ENERGIZED CIRCUITS.
  4. CONDUCTOR SPLICES SHALL NOT BE LOCATED OVER RAILROADS, MAJOR ROADWAYS, DISTRIBUTION, AND OR TRANSMISSION CROSSINGS.
  5. PLACEMENT OF GUARD STRUCTURES SHALL BE WITHIN THE TERMS OF THE ROW AGREEMENT. LAND DISTURBANCE CAUSED BY PLACEMENT OF GUARD STRUCTURE SHALL BE MINIMIZED BY THE CONTRACTOR. ANY GUARD STRUCTURE DRILL HOLE SHALL BE PROPERLY ABANDONED IN ACCORDANCE WITH ALL LOCAL, COUNTY, STATE, AND FEDERAL REQUIREMENTS, AND SITE PROPERLY CLEARED OF ALL DEBRIS.

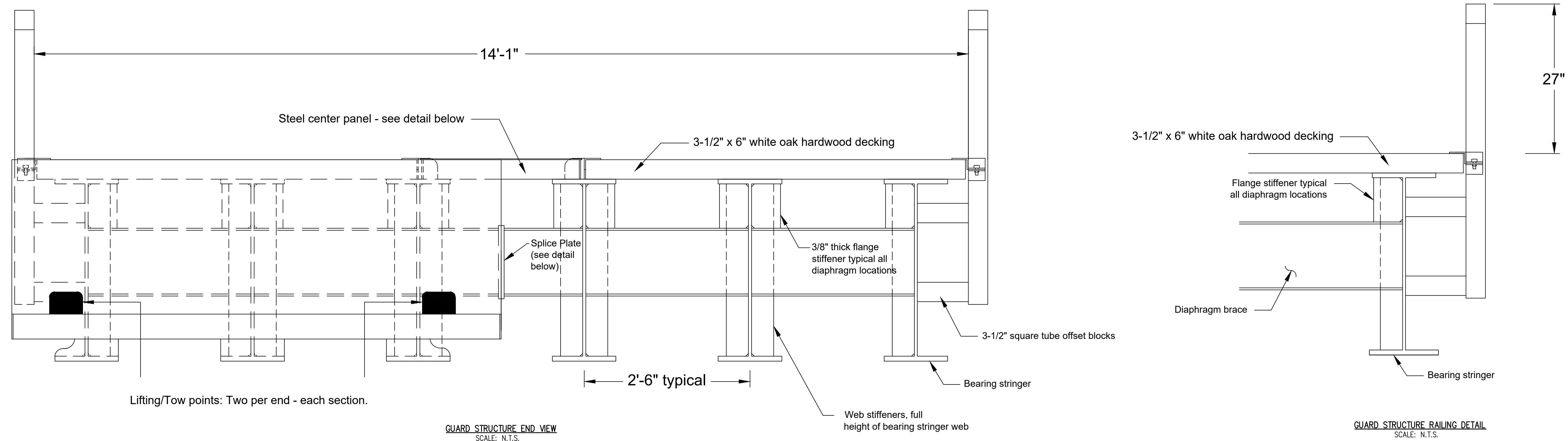
NOTES

1. FOR GENERAL NOTES SEE SHEET P00X-X

A	ISSUED FOR REVIEW	XX/XX/20	XXX	XXX
NO	REVISION	DATE	BY	APR

ENGINEERING RECORD		DATE
DRAWN	T. WILCOX	06/18/20
DESIGNED		
CHECKED		
APPROVED		
NONE		

EMPIRE STATE TRANSMISSION LINE	
ACCESS 57	
GUARD STRUCTURE	
EST-D-T010-5	REVISION NO : A

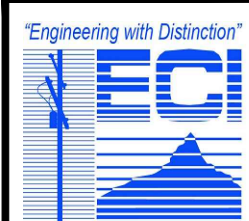


Notes:

1. All connections welded with a 1/4" minimum fillet weld unless otherwise specified.
2. Interior and exterior retainer angles extend full length of bridge. Interior retainer angles are welded to 1/4" gussets (that are welded to the bearing stringer on 5' centers) and are not removable. Exterior retainer angles are attached to the guide rail system via retainer angle clips and are removable. One retainer angle clip is welded to the guide rail post and one retainer angle clip is welded to the retainer angle (see Sheet 2 for detail). Retainer angle clips are bolted together using one 1/2" x 1-1/4" bolt.

NOTES

FILE LOCATION: \\BLGSNAS-02\DRAWING\NEXTERA\NEXT-159 EMPIRE STATE LINE\TYPICALS\EST-D-T010-6.DWG LAST SAVED BY: tjwilcox 7/24/2020 3:12 PM PLOTTED BY: Tony J. Wilcox 7/24/2020 3:48 PM Tab: EST-D-T010-6



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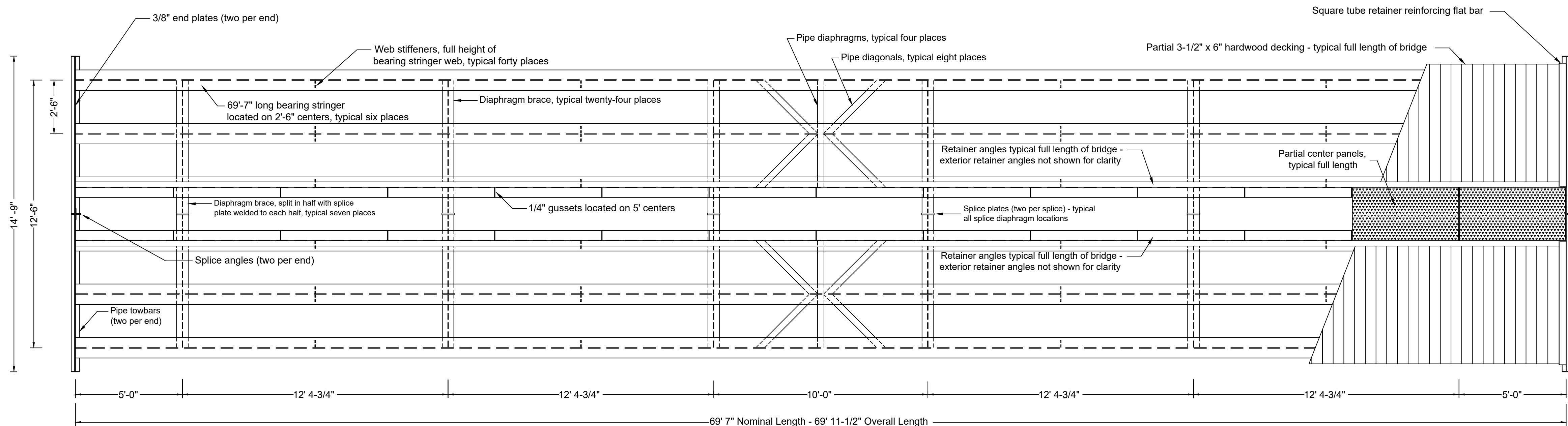


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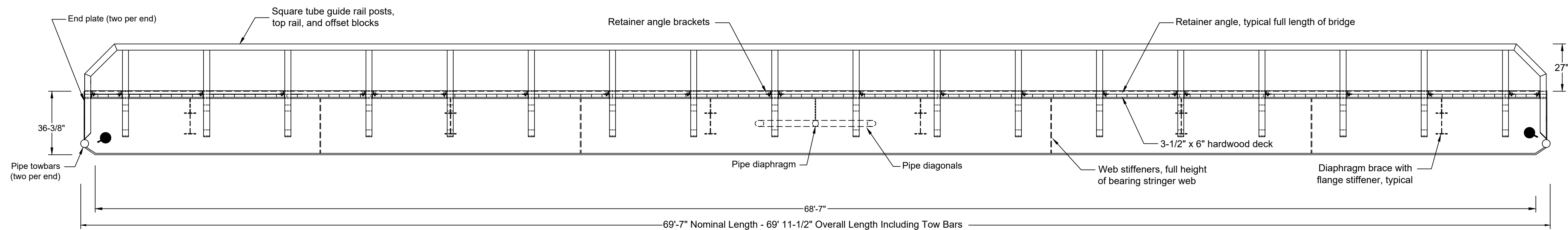


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DRAWN	T. WILCOX	06/18/20
DESIGNED		
CHECKED		
APPROVED		
NONE		

EMPIRE STATE TRANSMISSION LINE		
PREFABRICATED BRIDGE		
EST-D-T010-6		REVISION NO : A



GUARD STRUCTURE PLAN VIEW  
SCALE: N.T.S.

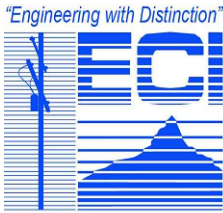


GUARD STRUCTURE ELEVATION VIEW  
SCALE: N.T.S.

- Notes:
1. Railing, full decking, and full center panels not shown on plan view for clarity.
  2. All connections welded with a 1/4" minimum fillet weld unless otherwise specified.
  3. Distance from top of deck to bottom of bearing stringer: 36-3/8"
  4. Distance from top of deck to top of guide rail: 27"
  5. Interior and exterior retainer angles extend full length of bridge. Interior retainer angles are welded to 1/4" gussets (that are welded to the bearing stringer on 5' centers) and are not removable. Exterior retainer angles are attached to the guide rail system via retainer angle clips and are removable. One retainer angle clip is welded to the guide rail post and one retainer angle clip is welded to the retainer angle (see Sheet 2 for detail). Retainer angle clips are bolted together using one 1/2" x 1-1/4" bolt.

NOTES

FILE LOCATION: \\BLGSNAS-02\DRAWING\NEXTERA\NEXT-159 EMPIRE STATE LINE\TYPICALS\EST-D-T010-7.DWG LAST SAVED BY: tjwilcox 7/24/2020 3:12 PM PLOTTED BY: Tony J. Wilcox 7/24/2020 3:48 PM Tab:EST-D-T010-7



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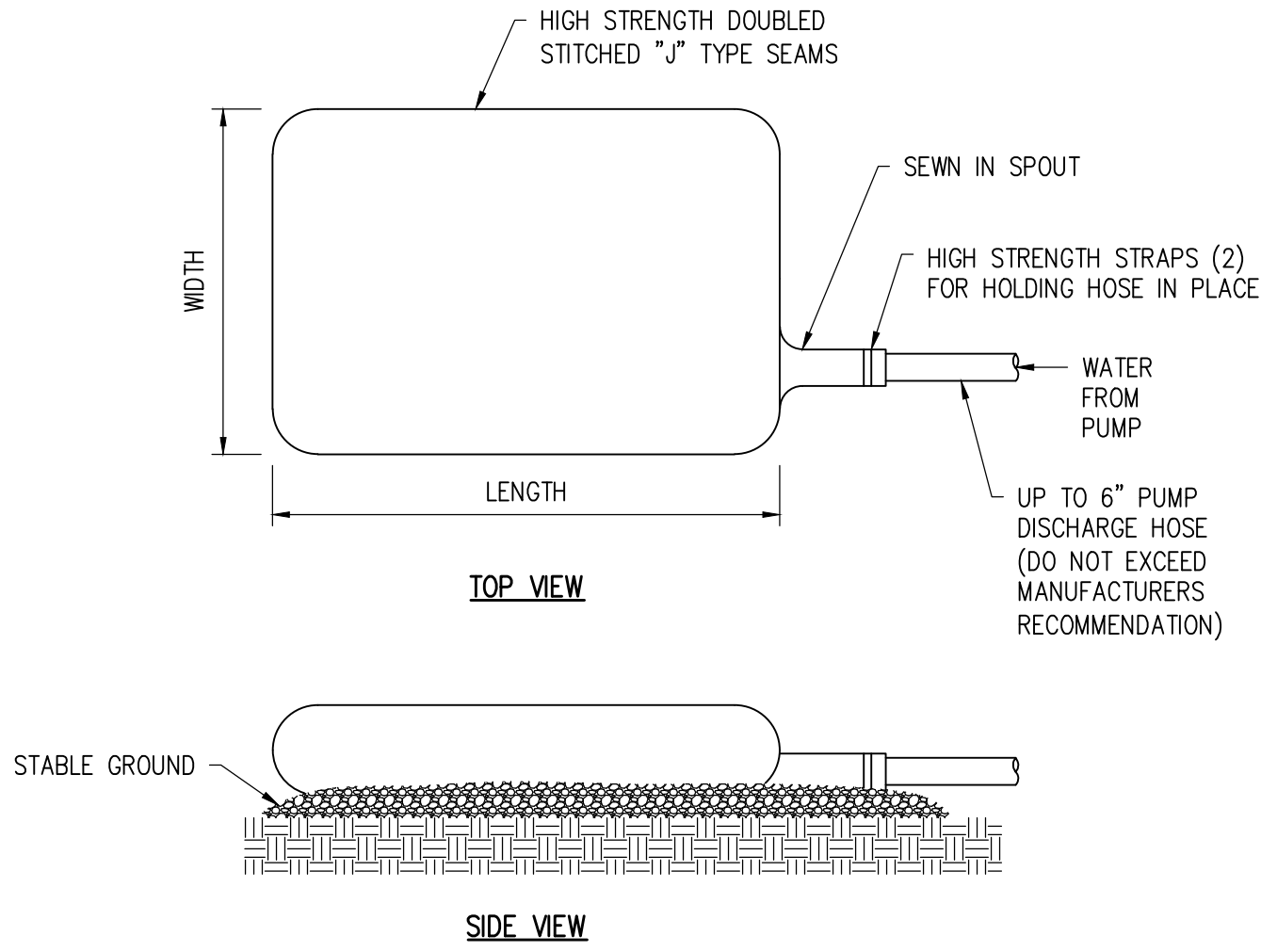
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EMPIRE STATE TRANSMISSION LINE

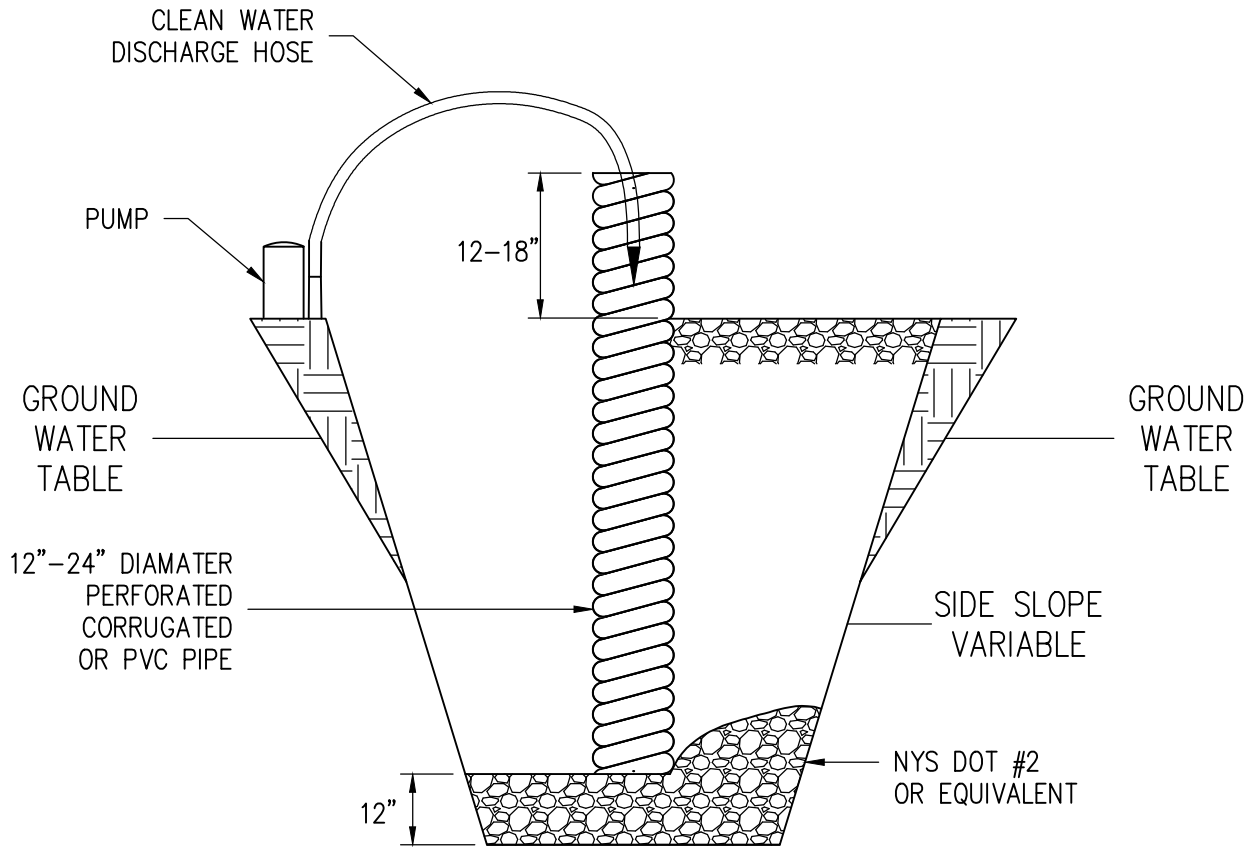
PREFABRICATED BRIDGE

EST-D-T010-7

REVISION NO : A



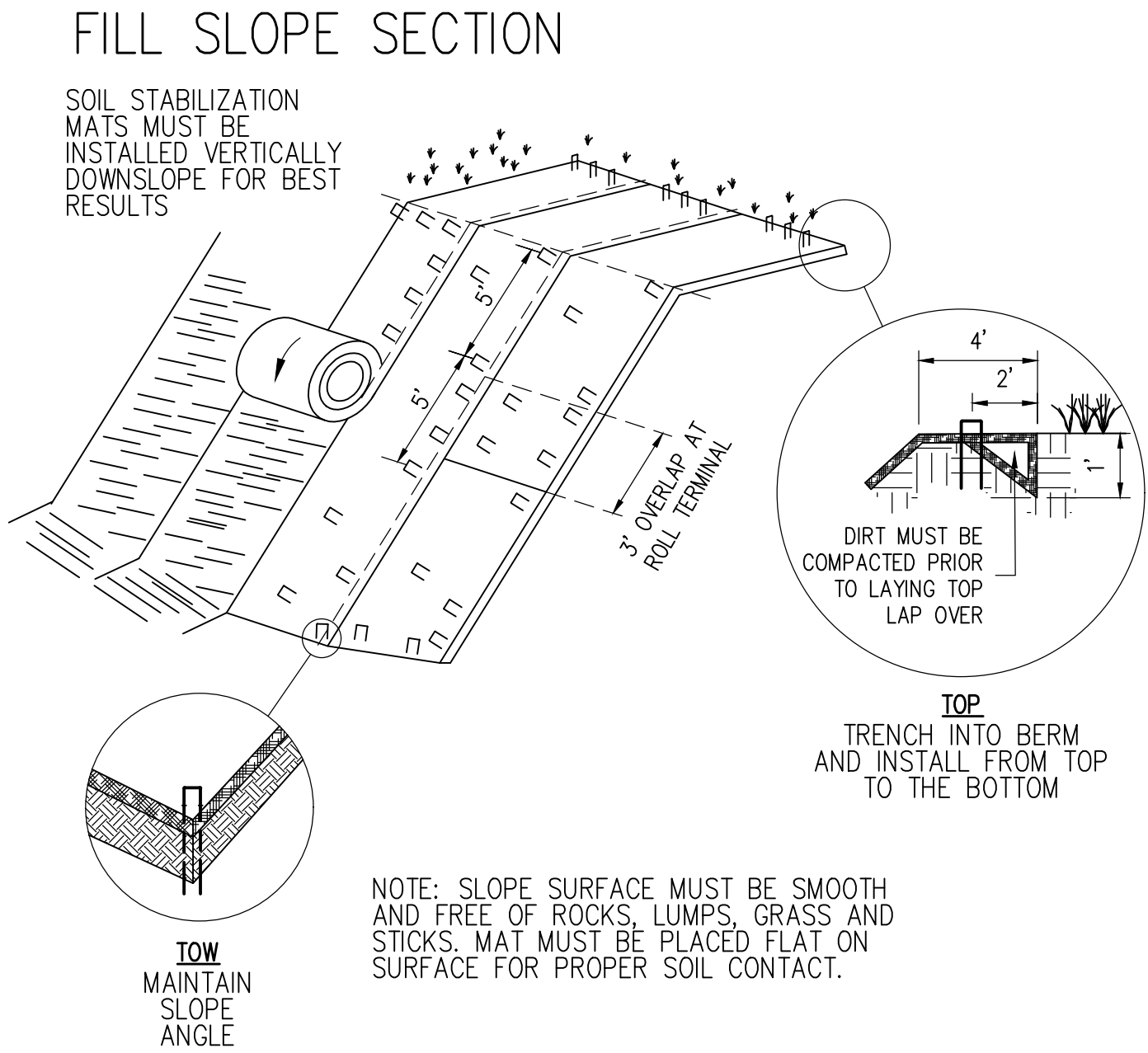
TYPICAL DEWATERING BAG  
SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS

1. PIT DIMENSION ARE VARIABLE.
2. THE STANDPIPE SHOULD BE CONSTRUCTED BY PERFORATING A 12-24" DIAMETER CORRUGATED OR PVC PIPE.
3. A BASE OF NYS DOT #2 OR EQUIVALENT AGGREGATE SHOULD BE PLACED IN THE PIT TO A DEPTH OF 12", AFTER INSTALLING THE STANDPIPE, THE PIT SURROUNDING THE STANDPIPE SHOULD BE BACKFILLED WITH NYS DOT #2 OR EQUIVALENT AGGREGATE.
4. THE STANDPIPE SHOULD BE EXTEND 12-18" ABOVE THE LIP OF THE PIT.
5. IF DISCHARGE WILL BE PUMPED DIRECTLY TO A STORM DRAINAGE SYSTEM, THE STANDPIPE SHALL BE WRAPPED WITH FILTERCLOTH BEFORE INSTALLATION. IT IS RECOMMENDED THAT 1/4"-1/2" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE, PRIOR TO ATTACHING THE FILTERCLOTH.

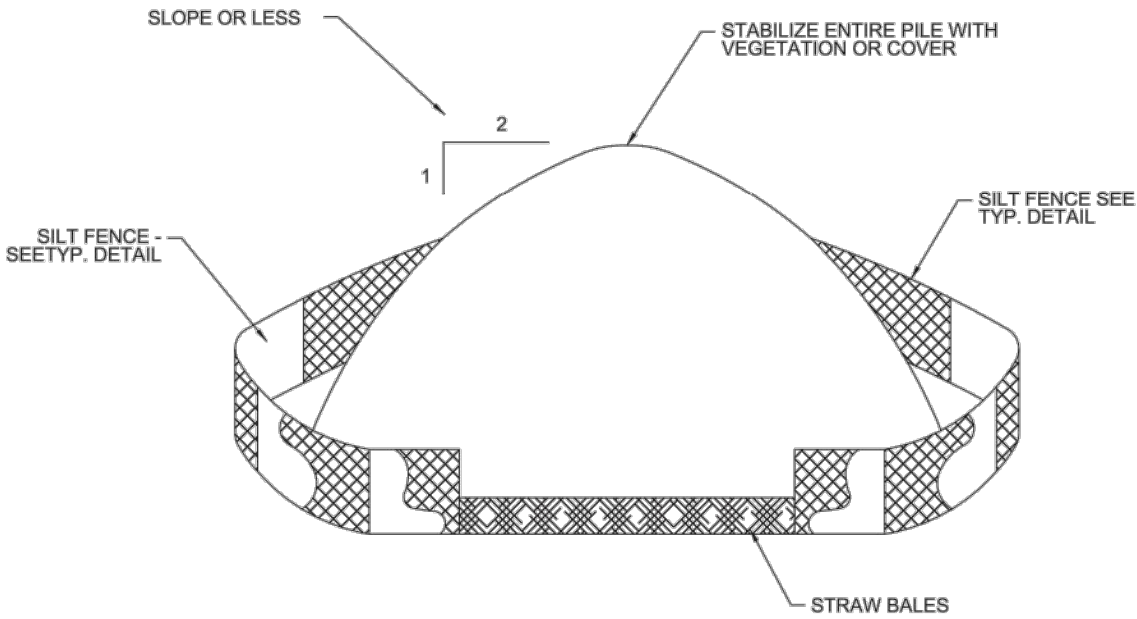
TYPICAL DEWATERING SUMP PIT  
SCALE: N.T.S.



TYPICAL EROSION CONTROL BLANKET  
SCALE: N.T.S.

Permanent Construction Area Planting Mixture Recommendations			
Seed Mixture	Variety	Rate in lbs./acre (PLS)	Rate in lbs./1, 000 ft <sup>2</sup>
<b>Mix #1</b>			
Creeping red fescue	Ensylva, Pennlawn, Boreal	10	.25
Perennial ryegrass	Pennfine, Linn	10	.25
*This mix is used extensively for shaded areas.			
<b>Mix #2</b>			
Switchgrass	Shelter, Pathfinder, Trailblazer, or Blackwell	20	.50
*This rate is in pure live seed, this would be an excellent choice along the upland edge of a wetland to filter runoff and provide wildlife benefits. In areas where erosion may be a problem, a companion seeding of sand lovegrass should be added to provide quick cover at a rate of 2 lbs. per acre (0.05 lbs. per 1000 sq. ft.).			
<b>Mix #3</b>			
Switchgrass	Shelter, Pathfinder, Trailblazer, or Blackwell	4	.10
Big bluestem	Niagara	4	.10
Little bluestem	Aldous or Camper	2	.05
Indiangrass	Rumsey	4	.10
Coastal panicgrass	Atlantic	2	.05
Sideoats grama	El Reno or Trailway	2	.05
Wildflower mix		.50	.01
*This mix has been successful on sand and gravel plantings. It is very difficult to seed without a warm season grass seeder such as a Truax seed drill. Broadcasting this seed is very difficult due to the fluffy nature of some of the seed, such as bluestems and indiagrass.			
<b>Mix #4</b>			
Switchgrass	Shelter, Pathfinder, Trailblazer, or Blackwell	10	.25
Coastal panicgrass	Atlantic	10	.25
*This mix is salt tolerant, a good choice along the upland edge of tidal areas and roadsides.			
<b>Mix #5</b>			
Saltmeadow cordgrass (Spartina patens)—This grass is used for tidal shoreline protection and tidal marsh restoration. It is planted by vegetative stem divisions.			
'Cape' American beachgrass can be planted for sand dune stabilization above the saltmeadow cordgrass zone.			
<b>Mix #6</b>			
Creeping red fescue	Ensylva, Pennlawn, Boreal	20	.45
Chewings Fescue	Common	20	.45
Perennial ryegrass	Pennfine, Linn	5	.10
Red Clover	Common	10	.45
*General purpose erosion control mix. Not to be used for a turf planting or play grounds.			

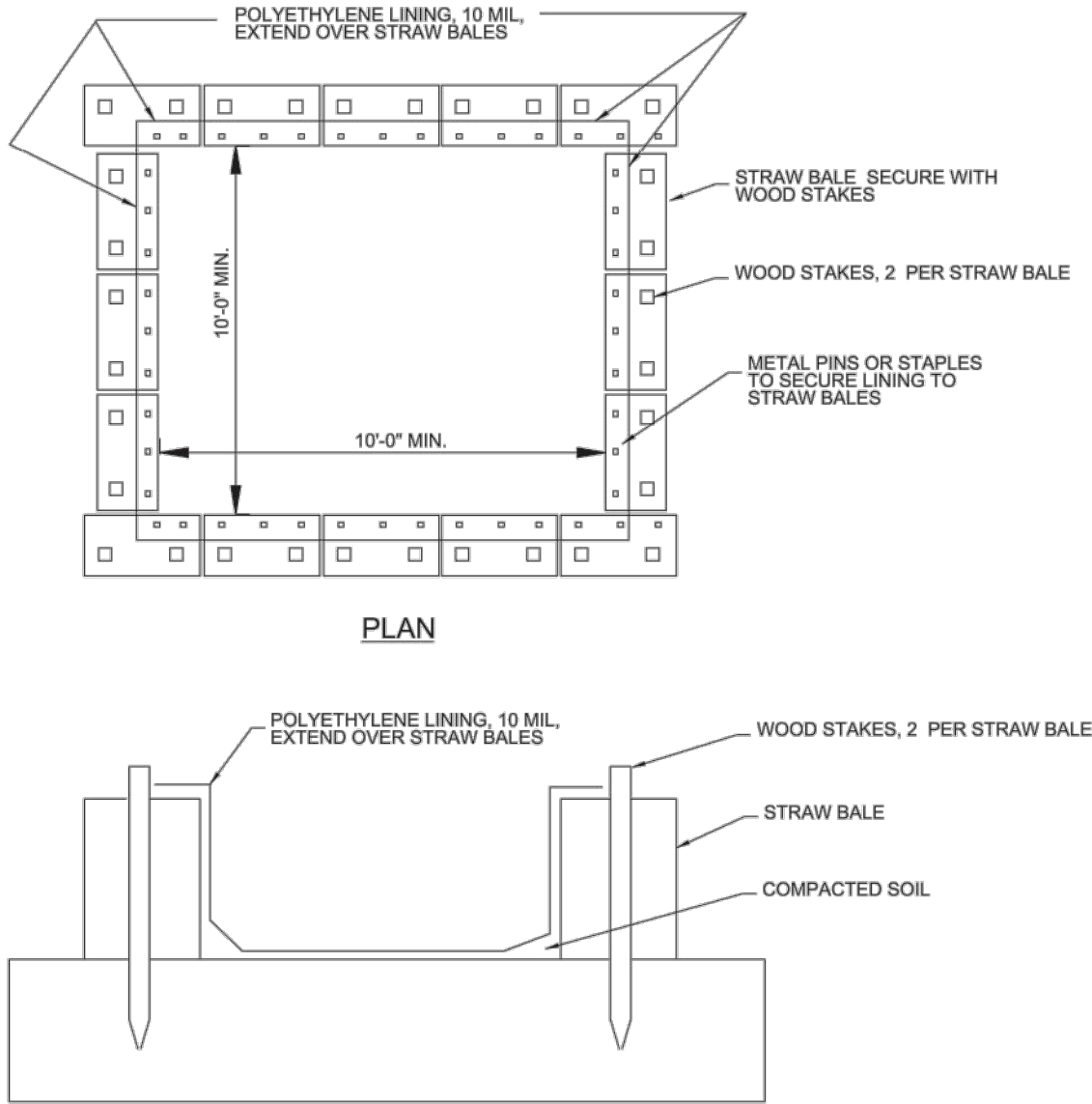
CONTRACTOR TO INSTALL MIX IN ACCORDANCE  
WITH SITE CONDITIONS SEED AVAILABILITY  
**PERMANENT SEED MIXTURE TO BE APPLIED TO UPLAND AREAS**  
SCALE: N.T.S.



INSTALLATION NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2H:1V.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAW BALES, THEN STABILIZED WITH VEGETATION OR COVERED.

TYPICAL TOP SOIL DETAIL  
SCALE: N.T.S.



TYPICAL CONCRETE WASHOUT DETAIL  
SCALE: N.T.S.

NOTES

FILE LOCATION: L:\NEXTERA\NEXT-159 EMPIRE STATE LINE\TYPICALS\EST-D-T010-8.DWG LAST SAVED BY: tjwilcox 8/3/2020 10:00 AM PLOTTED BY: Tony J. Wilcox 8/3/2020 10:00 AM Tab:EST-D-T010-8

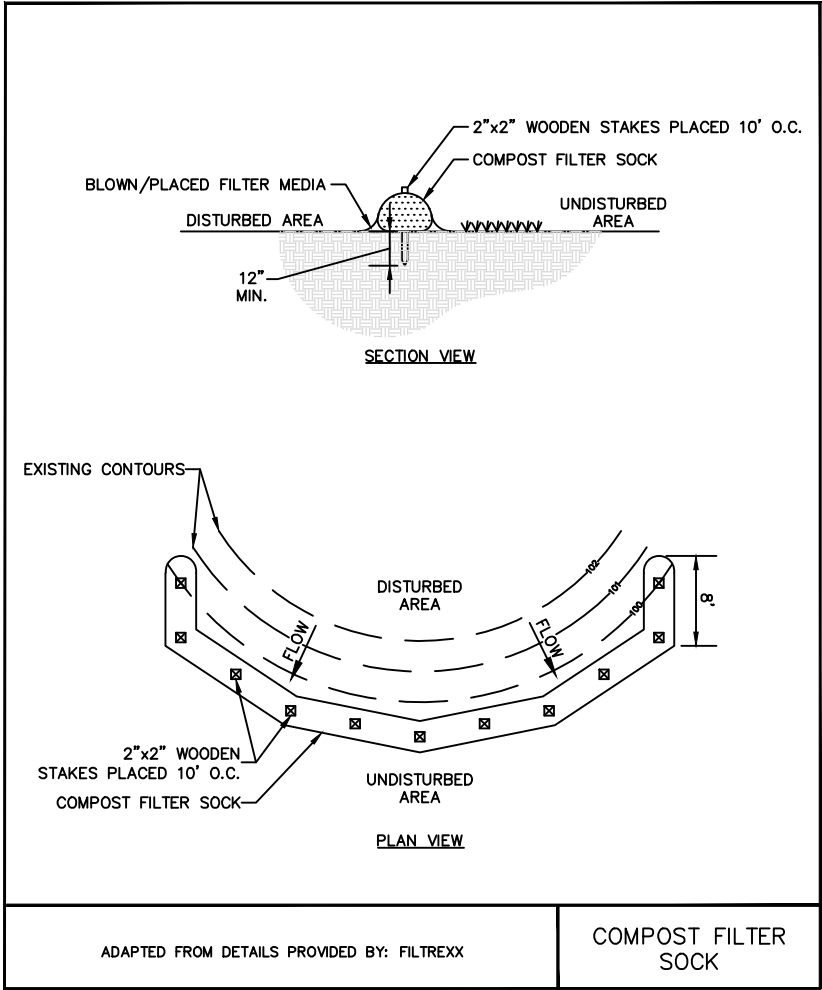


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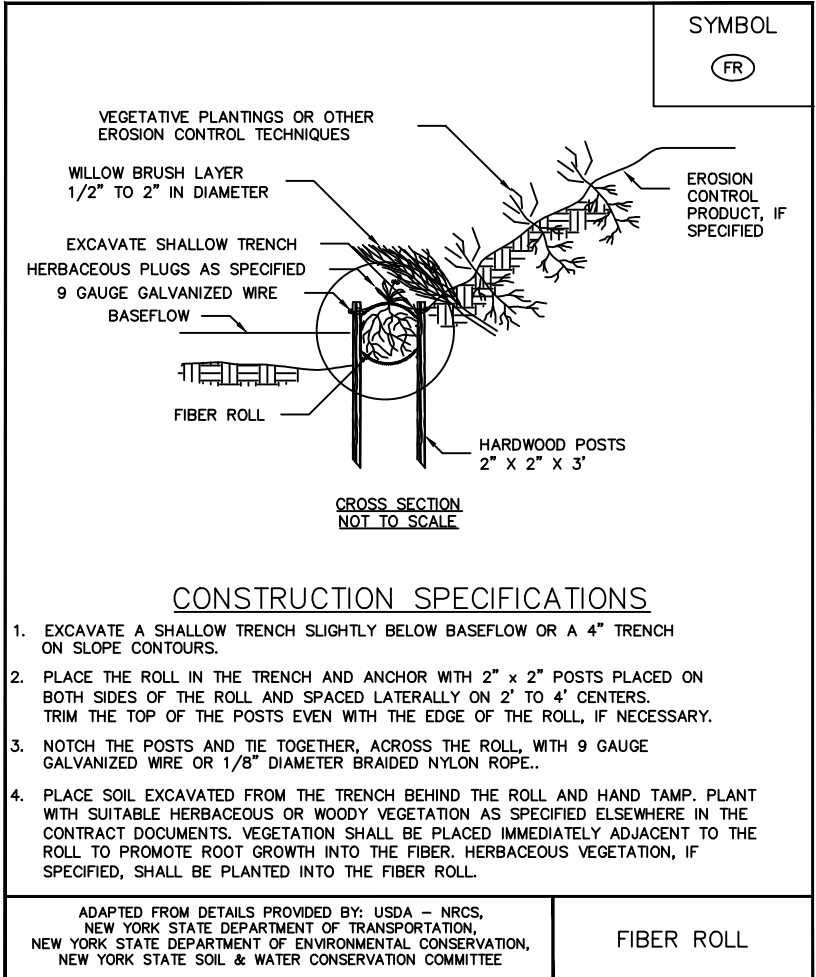
ENGINEERING RECORD		DATE
DRAWN	T. WILCOX	06/18/20
DESIGNED		
CHECKED		
APPROVED		
NONE		

EMPIRE STATE TRANSMISSION LINE	
SWPPP	
EST-D-T010-8	REVISION NO : A

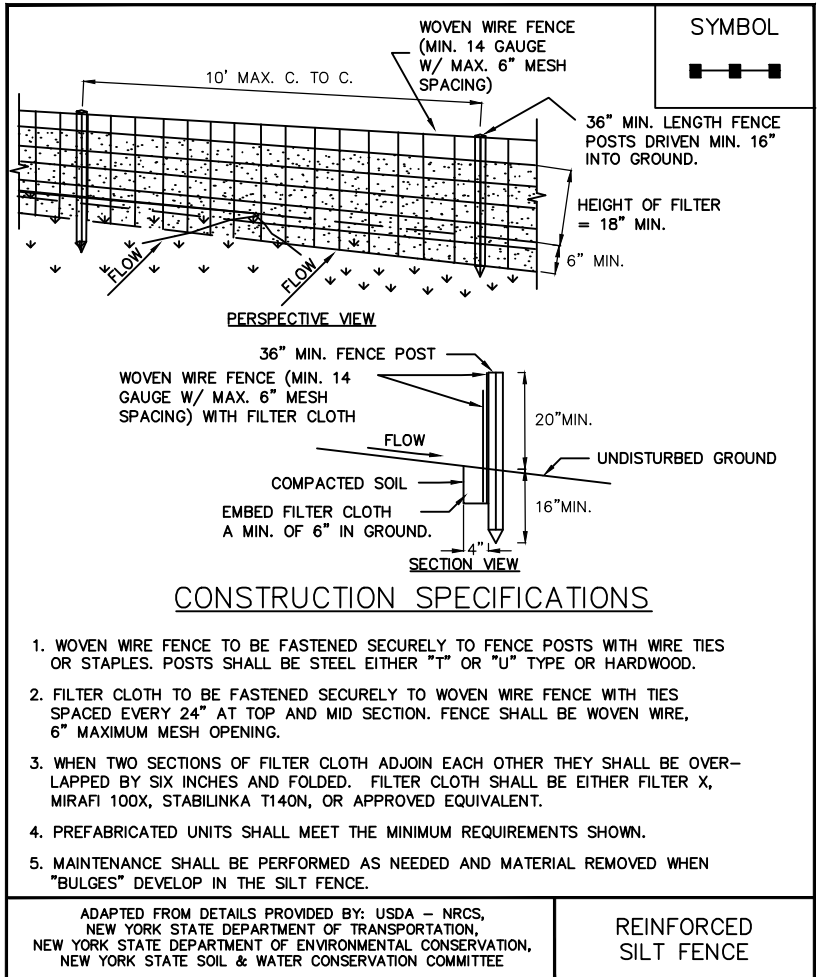


COMPOST FILTER SOCK  
SCALE: N.T.S.

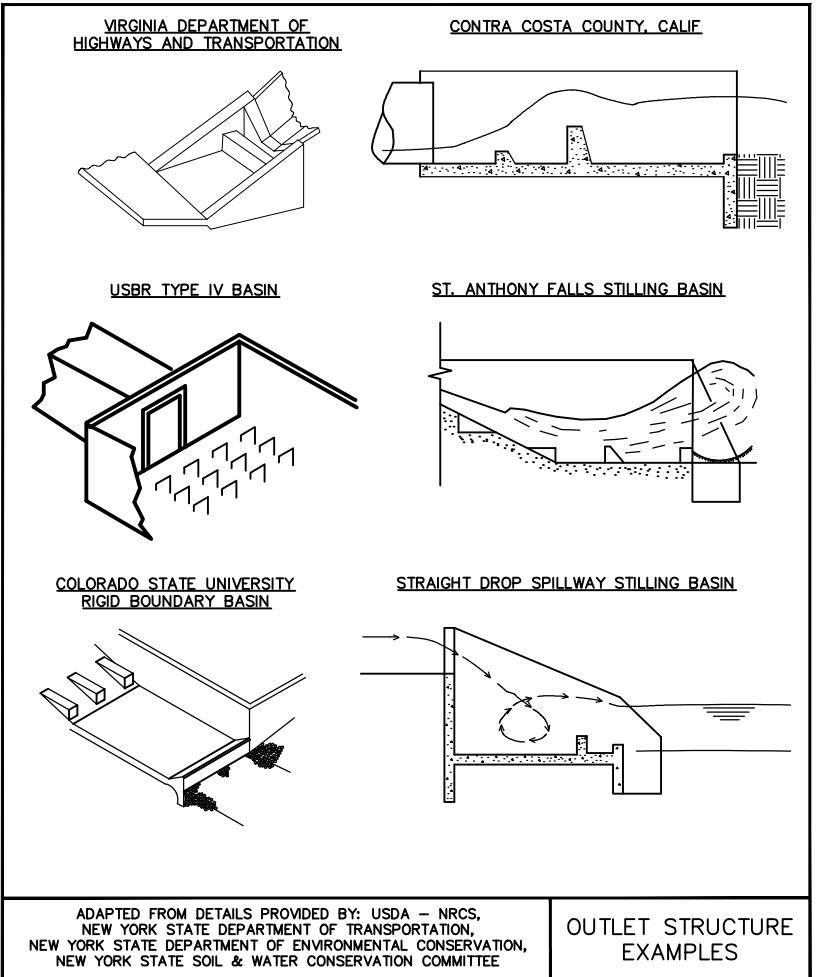
1. SOCK FABRIC SHALL MEET STANDARDS OF TABLE 5.1. COMPOST SHALL MEET THE STANDARDS LISTED ON OF TABLE 5.2.
2. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL. INSIDE WIDTH OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT (FIGURE 5.3). MAXIMUM SLOPE LENGTH ABOVE ANY SOCK SHALL NOT EXCEED THAT SHOWN ON FIGURE 5.3. STAKES MAY BE INSTALLED IMMEDIATELY DOWNHILL OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.
3. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
4. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT OF THE SOCK AND DEPOSITED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
5. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
6. BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTOBIODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
7. UPON STABILIZATION OF THE AREA TREMBLANT TO THE SOCKS, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE SOIL SHALL BE CUT OPEN AND THE MAJOR PORES AS A SOIL SUPPLEMENT.



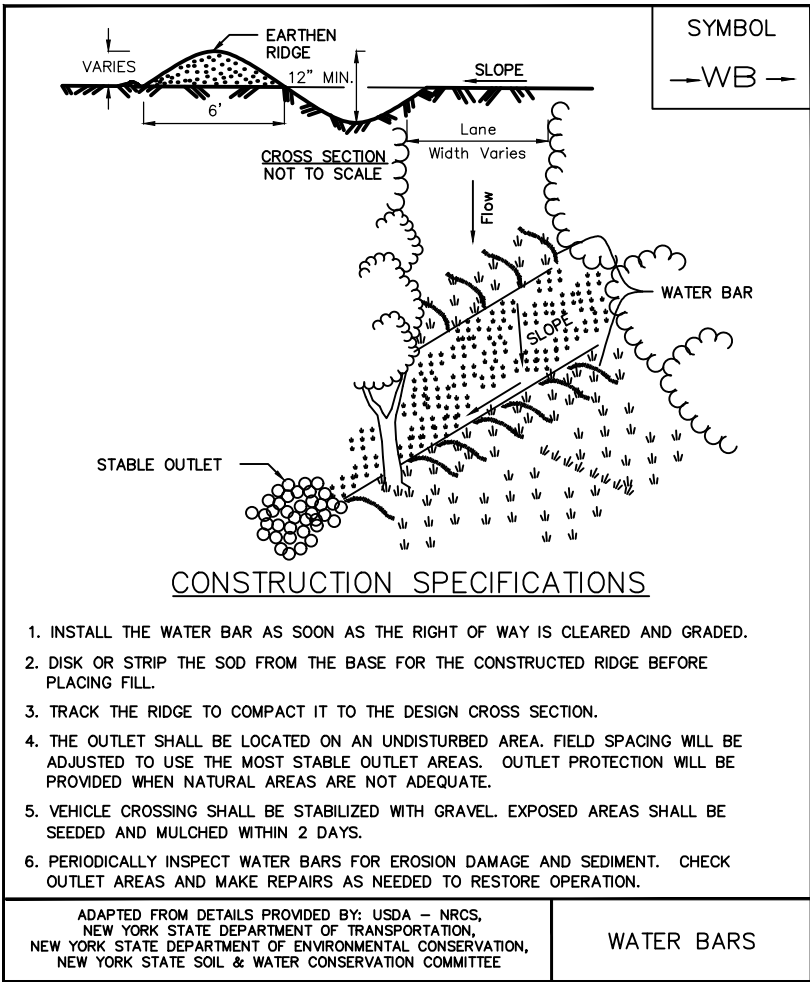
FIBER ROLL  
SCALE: N.T.S.



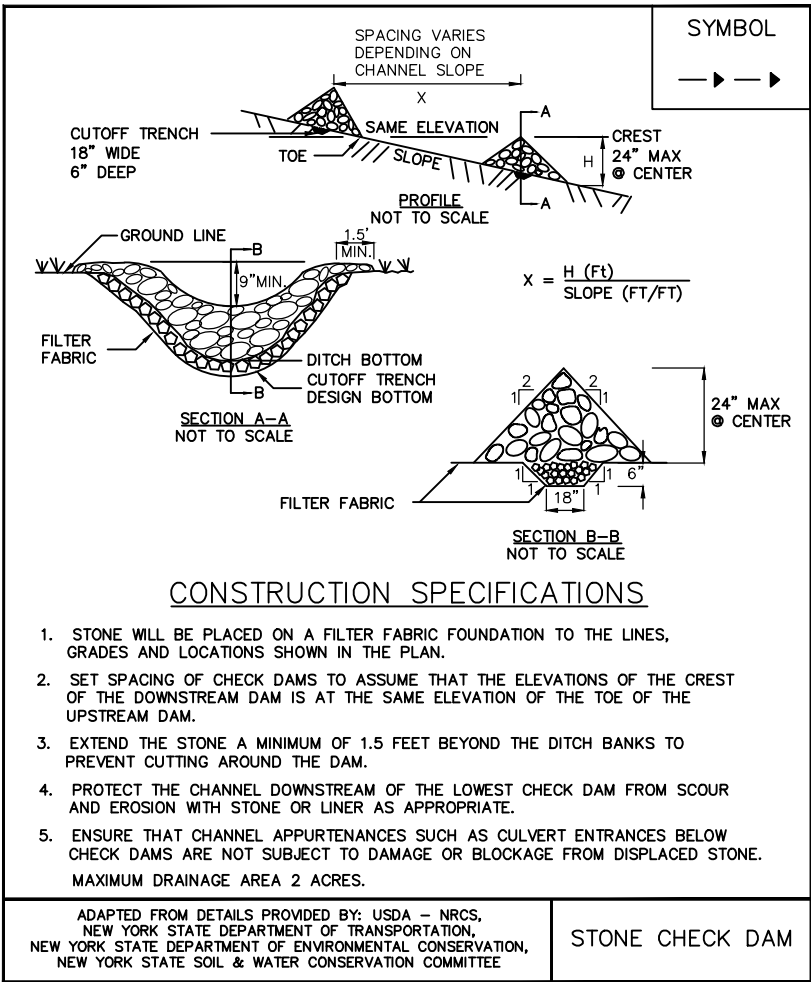
REINFORCED SILT FENCE  
SCALE: N.T.S.



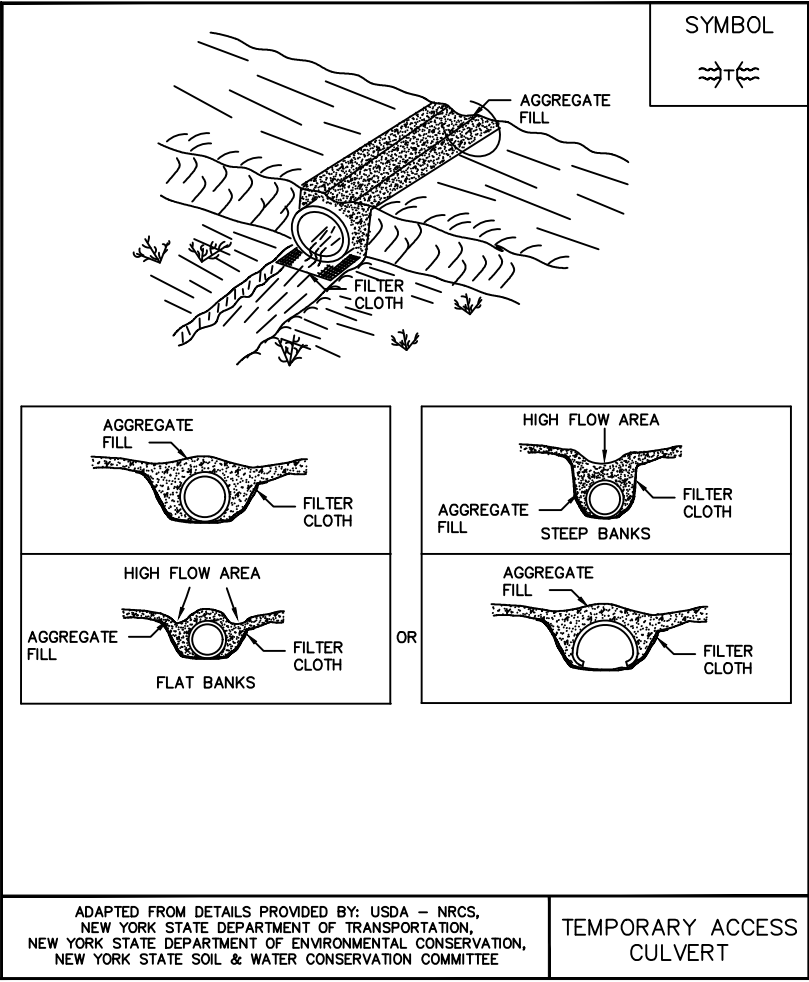
OUTLET STRUCTURE EXAMPLES  
SCALE: N.T.S.



WATER BARS  
SCALE: N.T.S.

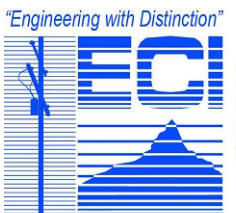


STONE CHECK DAM  
SCALE: N.T.S.



TEMPORARY ACCESS CULVERT  
SCALE: N.T.S.

NOTES



ECI ENGINEERING  
SERVICES, P.C.

Sargent & Lundy



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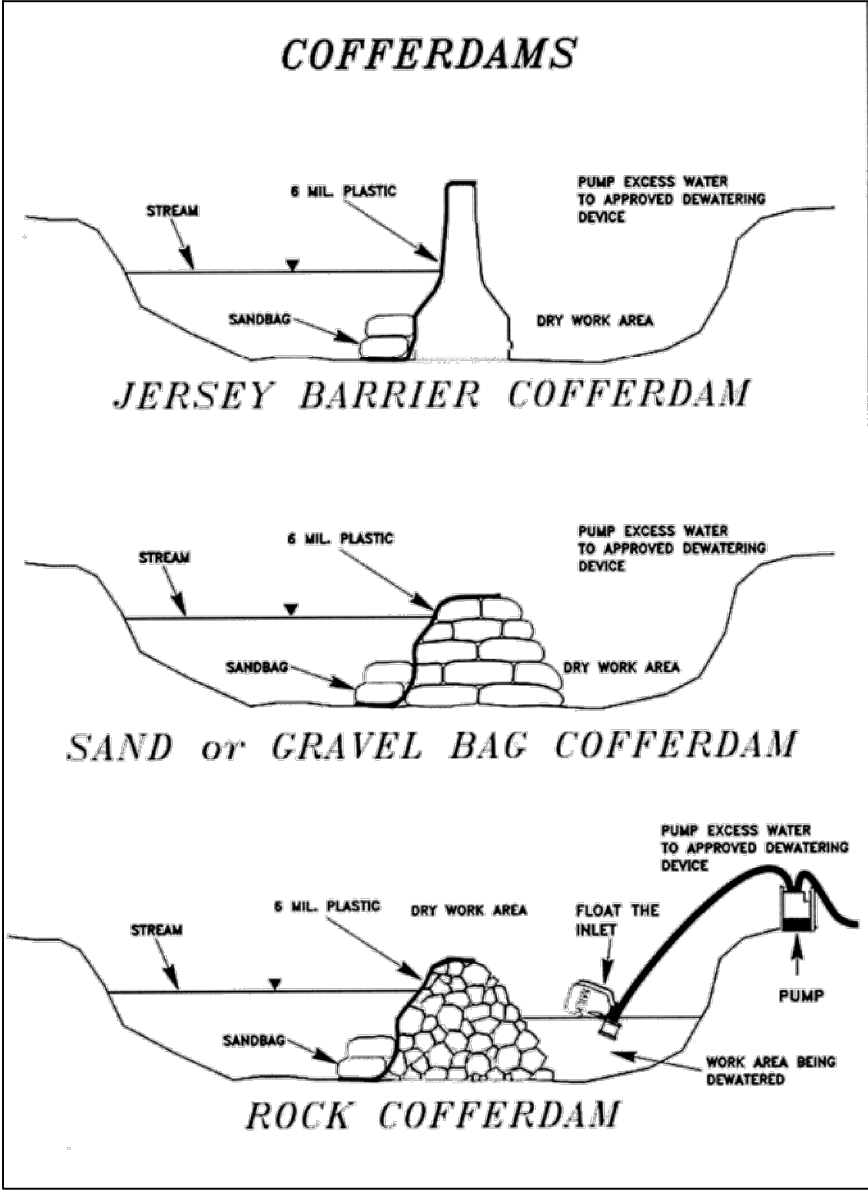
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EST-D-T010-9

REVISION NO : A

Preliminary Wetland Seed Mix		
%	Species Name	Common Name
33	<i>Carex vulpinoidea</i>	Fox Sedge
20	<i>Elymus virginicus</i>	Virginia Wildrye
16.8	<i>Carex scoparia</i>	Blunt Broom Sedge
6.4	<i>Carex lurida</i>	Lurid Sedge
5.2	<i>Cinna arundinacea</i>	Wood Reedgrass
4	<i>Verbena hastata</i>	Blue Vervain
3	<i>Juncus effusus</i> Soft Rush	
2	<i>Asclepias incarnata</i>	Swamp Milkweed
2	<i>Bidens cernua</i>	Nodding Bur Marigold
2	<i>Heliopsis helianthoides</i>	Oxeye Sunflower
1	<i>Helenium autumnale</i>	Common Sneezeweed
1	<i>Zizia aurea</i> Golden Alexanders	
0.6	<i>Aster puniceus</i>	Purplestem Aster
0.5	<i>Alisma subcordatum</i>	Mud Plantain
0.4	<i>Aster novae-angliae</i>	New England Aster
0.4	<i>Aster prenanthoides</i>	Zigzag Aster
0.4	<i>Aster umbellatus</i>	Flat Topped White Aster
0.4	<i>Eupatorium fistulosum</i>	Joe Pye Weed
0.3	<i>Lobelia siphilitica</i>	Great Blue Lobelia
0.3	<i>Scirpus cyperinus</i>	Woolgrass
0.2	<i>Penthorum sedoides</i>	Ditch Stonecrop
0.1	<i>Solidago rugosa</i>	Wrinkleleaf Goldenrod
Application Rate		20 lbs/Acre

WETLAND SEED MIX  
SCALE: N.T.S.

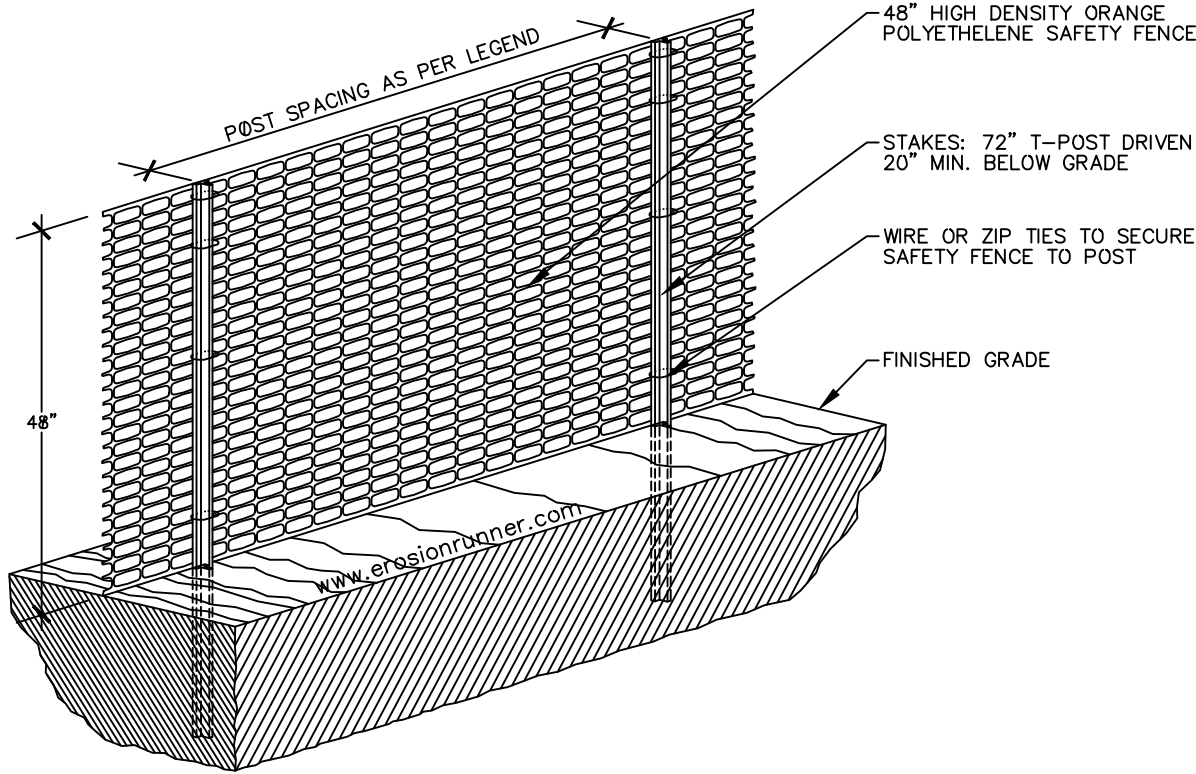


COFFERDAMS  
SCALE: N.T.S.

48" SAFETY FENCE, 72" T-POSTS

LEGEND

SAF12	48" ORANGE FENCE, 12 FEET O.C.
SAF11	48" ORANGE FENCE, 11 FEET O.C..
SAF10	48" ORANGE FENCE, 10 FEET O.C.
SAF9	48" ORANGE FENCE, 9 FEET O.C.
SAF8	48" ORANGE FENCE, 8 FEET O.C..
SAF7	48" ORANGE FENCE, 7 FEET O.C.
SAF6	48" ORANGE FENCE, 6 FEET O.C.



1. ALL SENSITIVE AREAS SHALL BE PROTECTED AS PER PLAN.
2. ALL TREES IN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED AND PROTECTED WITH HIGH VISIBILITY FENCE AS PER PLAN.
3. WHEN PRACTICABLE, INSTALL HIGH VISIBILITY 3 FEET OUTSIDE OF THE DRIP LINE OF THE TREE.
4. SAFETY FENCE SHOULD BE FASTENED SECURELY TO THE T-POSTS.
5. THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION; ANY CHANGE OF THE PROTECTIVE FENCING MUST BE APPROVED.

ORANGE CONSTRUCTION FENCE  
SCALE: N.T.S.

NOTES

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