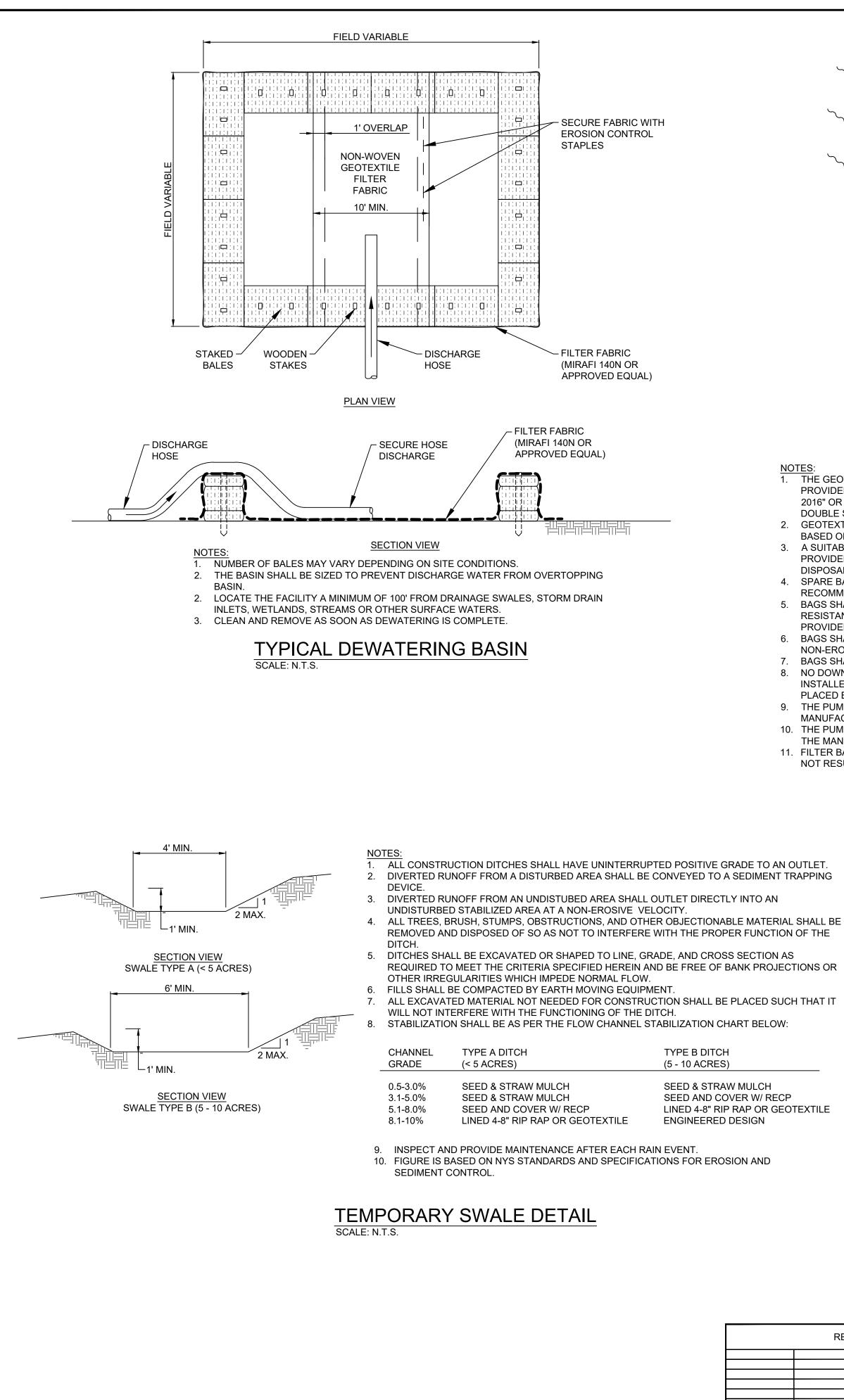
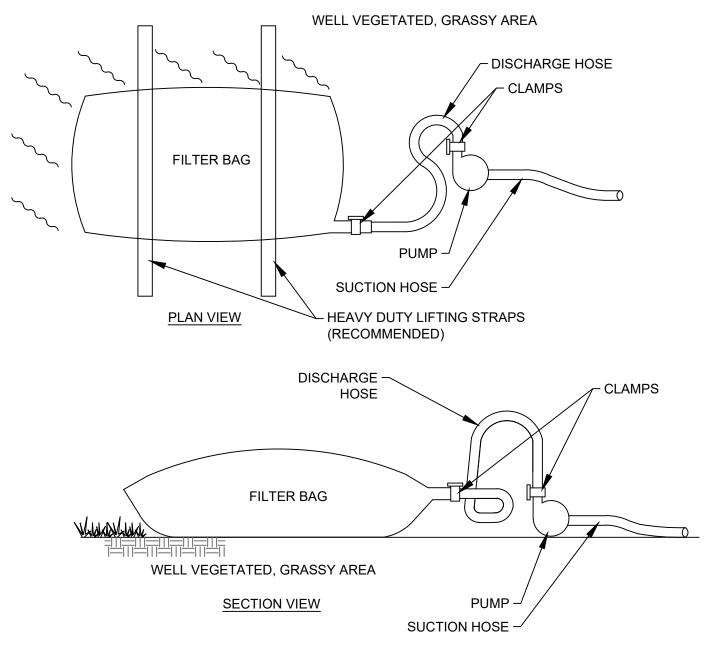


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THE GEOTEXTILE MATERIAL USED TO CONSTRUCT THE FILTER BAG SHALL MEET OR EXCEED THE SPECIFICATIONS PROVIDED IN THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL -2016" OR LATEST EDITION. THE BAG SHALL BE SEWN WITH A DOUBLE NEEDLE MACHINE USING HIGH STRENGTH DOUBLE STICHED "J" TYPE SEAMS (ASTM D4884).

2. GEOTEXTILE FILTER BAGS SHALL BE SIZED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS BASED ON THE PUMP DISCHARGE RATE.

3. A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES MUST BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 75% FULL. THE ACCUMULATED SEDIMENT DISPOSAL SHALL BE MANAGED IN CONFORMANCE WITH THE PROJECT SWPPP.

4. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. IT IS RECOMMENDED THAT BAGS BE PLACED ON STRAPS AS SHOWN TO FACILITATE REMOVAL. 5. BAGS SHALL BE LOCATED IN A WELL-VEGETATED (GRASSY) AREA AND DISCHARGE ONTO STABLE, EROSION

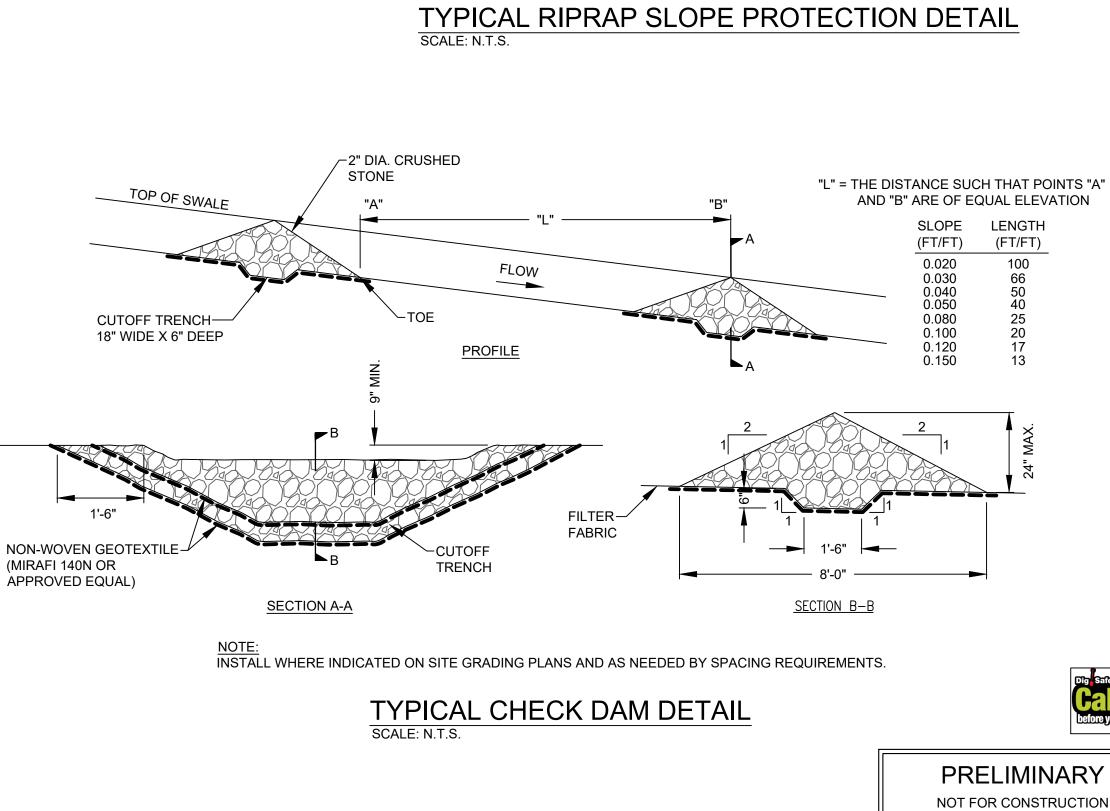
RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE THEIR DISCHARGE CAPACITY.

6. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS. BAGS SHALL NOT BE PLACED WITHIN 50 FEET OF WETLANDS, STREAMS, OR OTHER SURFACE WATERS. 8. NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. A COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS PLACED WHERE A GRASSY AREA IS NOT AVAILABLE. A COMPOST FILTER SOCK MUST BE

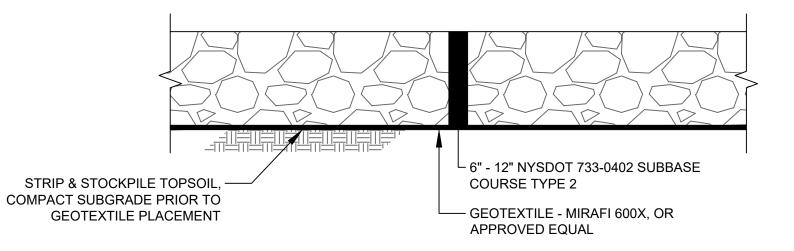
PLACED BELOW ANY BAG DISCHARGING TO A SPECIAL PROTECTION SURFACE WATER. 9. THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE

MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE. 10. THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 50 PERCENT OF THE MAXIMUM RATE SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PROVIDE FLOATING SUCTION SCREENS AT THE WATER SOURCE. 11. FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

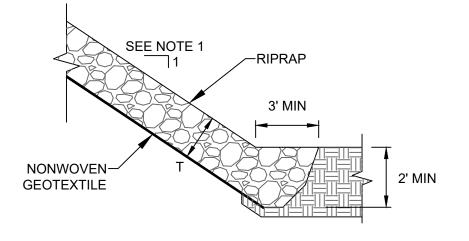




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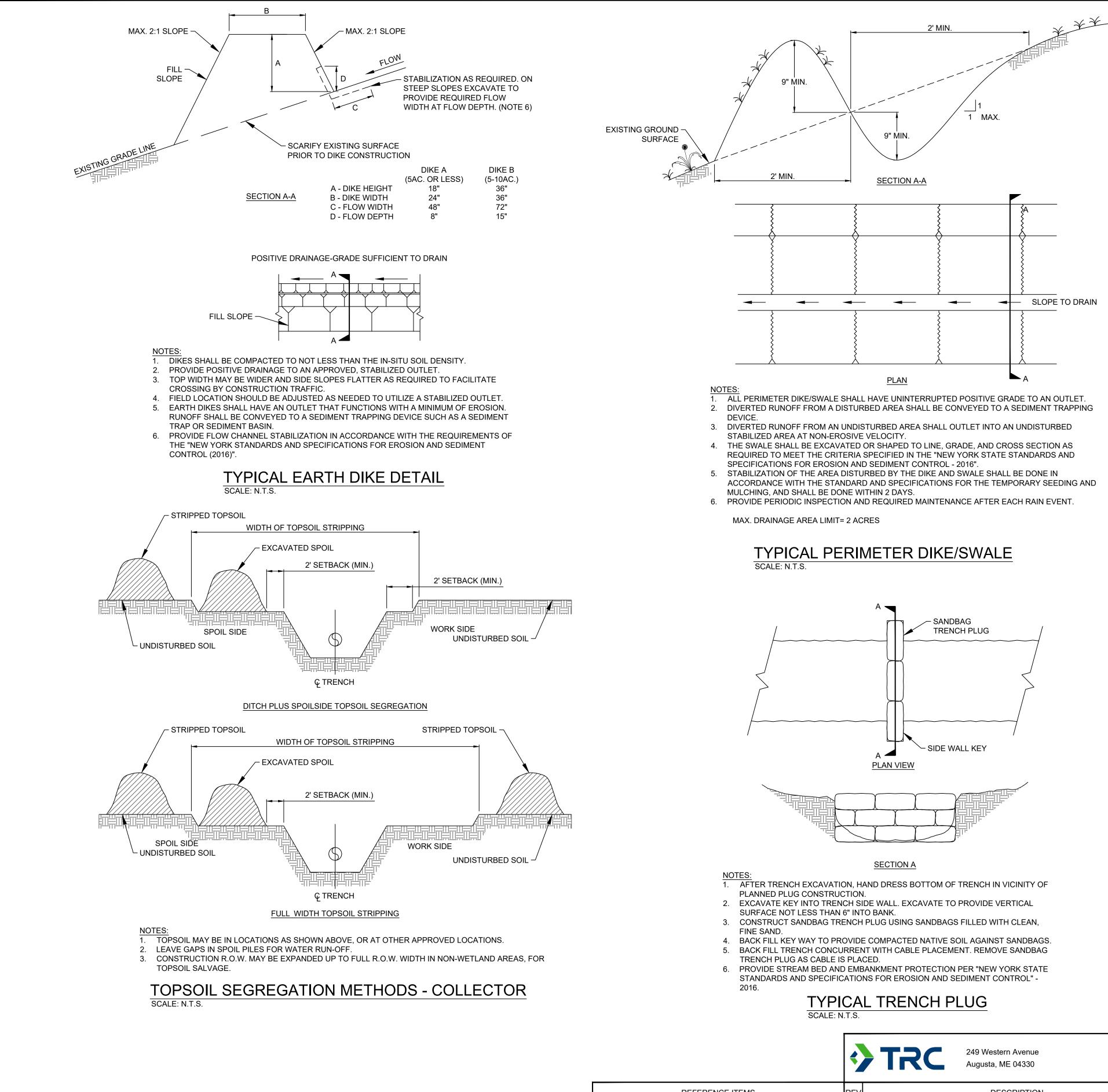


TEMPORARY LAYDOWN YARD TYPICAL SECTION SCALE: N.T.S.



- ALL SLOPES 3H:1V OR STEEPER SHALL BE STABILIZED WITH RIPRAP.
- STONE FOR RIPRAP SHALL MEET THE REQUIREMENTS OF THE STANDARDS AND 2 SPECIFICATIONSFOR EROSION AND SEDIMENT CONTROL (2016 OR LATEST).
- RIPRAP GRADATION SHALL BE D₅₀=4"
- 4. MINIMIMUM RIPRAP THICKNESS (T) OF RIPRAP COVER SHALL BE 9" ($2.25*D_{50}$).
- GEOTEXTILE SHALL BE MIRAFI 140NL OR APPROVED EQUAL.

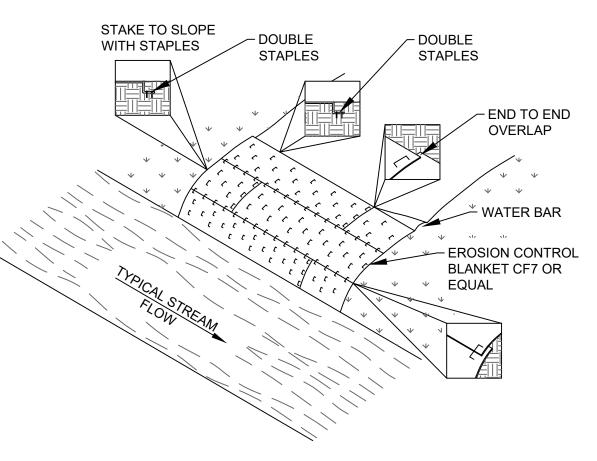
CMW MILL POINT SOLAR I PROJECT DESIGNED CONNECTGEN MONTGOMERY COUNTY LLC CMW DRAWN EROSION AND SEDIMENT CONTROL DETAILS PMM CHECKED NEW YORK GLEN 100151 APPROVED OFESSION 01/15/2024 DATE **REVIEW 1** 15/2024 MPS-C-103-02 1" = 100 SCALE **REVIEW 2**



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WWN THE CENTER OF THE BLANKET(S), THREE STAPLES IN EVERY SQUARE YARD. REAS WHERE EROSION CONTROL MATTING IS APPLIED TO STREAM BANKS, FENCING SHALL BE USED IF NECESSARY TO EXCLUDE LIVESTOCK, WITH PERMISSION OF THE LANDOWNER. 6. MONITOR FOR WASHOUTS, STAPLE INTEGRITY OR MAT MOVEMENT. REPLACE OR REPAIR AS NECESSARY.



ROL MATTING SHALL BE PLACED ON THE BANKS OF FLOWING STREAMS WHERE VEGETATION HAS OR AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR. ONTROL MATTING SHALL MEET THE REQUIREMENTS SPECIFIED IN THE "NEW YORK STATE ND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" - 2016 AND/OR AS DIRECTED BY THE

L INSPECTOR. L BE MADE OF 11 GAUGE WIRE, U-SHAPED WITH 6" LEGS AND A 1" CROWN. STAPLES SHALL BE DRIVEN IND FOR THE FULL LENGTH OF THE STAPLE LEGS. ALTERNATELY 1" WOODEN PEGS 6" LONG AND ECURE MATTING.

BE INSTALLED ACCORDING TO MANUFACTURER SPECIFICATIONS OR AS FOLLOWS: THE BLANKET SHALL EXTEND 2' PAST THE UPPER EDGE OF THE HIGH WATER MARK. IF A WATERBED ON THE APPROACH SLOPE, THE BLANKET SHALL BEGIN ON THE UPHILL SIDE OF THE WATERBED. ANKET(S) ACROSS THE SLOPE IN THE DIRECTION OF WATER FLOW.

KEY") THE UPSTREAM EDGE OF THE BLANKET(S) INTO THE SLOPE USING A 6" WIDE BY 6" DEEP OUBLE STAPLE EVERY 12" BEFORE BACK FILLING AND COMPACTING TRENCH.

KEY") THE UPPER EDGE OF THE BLANKET INTO THE SLOPE USING A 6" WIDE BY 6" DEEP TRENCH. APLE EVERY 12" BEFORE BACK FILLING AND COMPACTING TRENCH. S OF PARALLEL BLANKETS SHALL BE OVERLAPPED A MINIMUM OF 6". THE UPPER BLANKET SHALL BE

ER THE LOWER BLANKET (SHINGLE STYLE) AND STAPLED EVERY 12" ALONG THE LENGTH OF THE

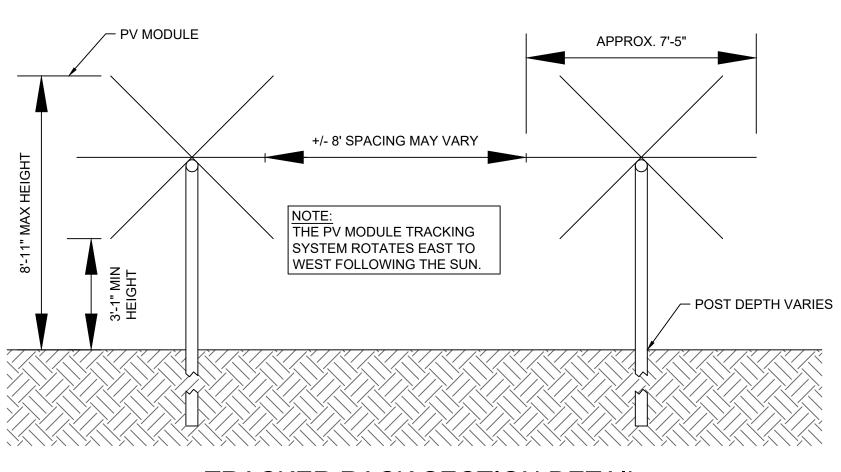
KET ENDS ARE TO ADJOINING BLANKETS, THE UPSTREAM BLANKET SHALL BE PLACED OVER THE EAM BLANKET (SHINGLE STYLE) WITH APPROXIMATELY 6" OF OVERLAP, STAPLE THROUGH THE REA EVERY 12".

TYPICAL STREAM BANK MATTING

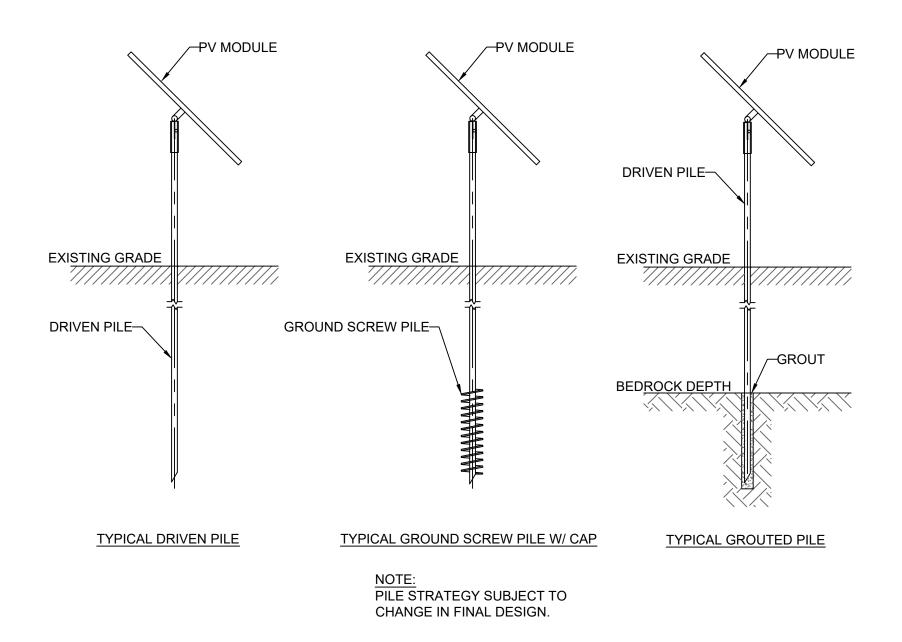
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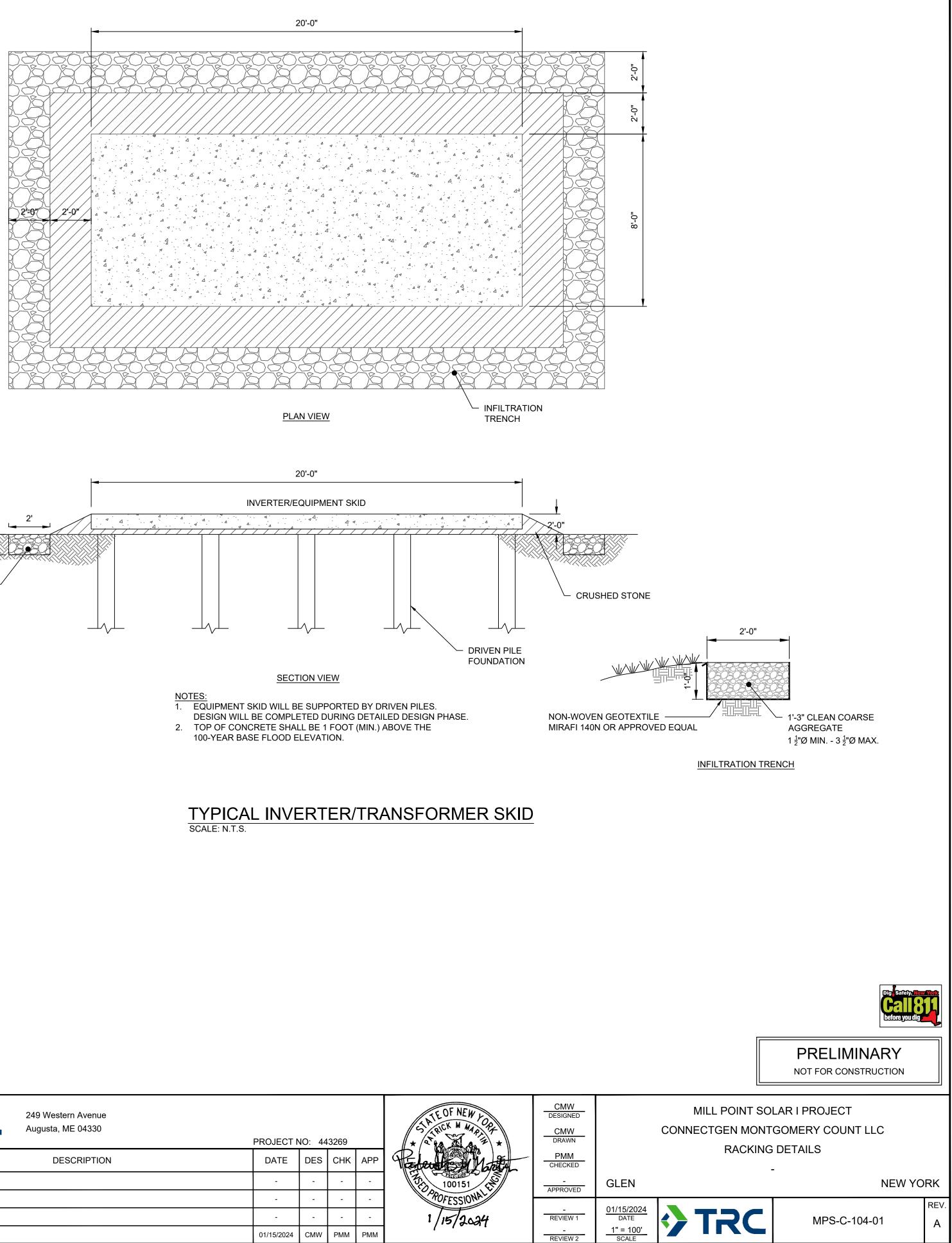


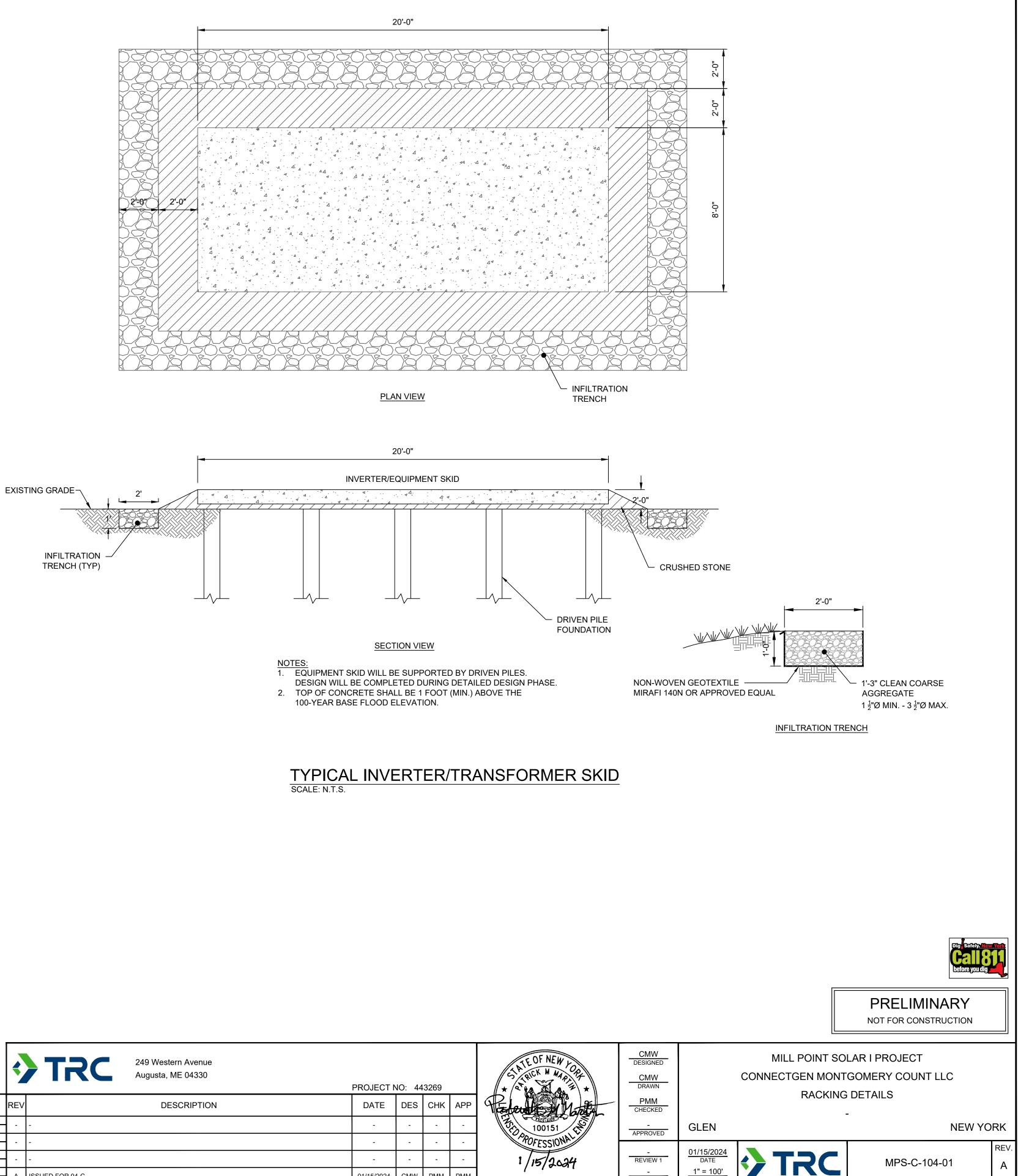




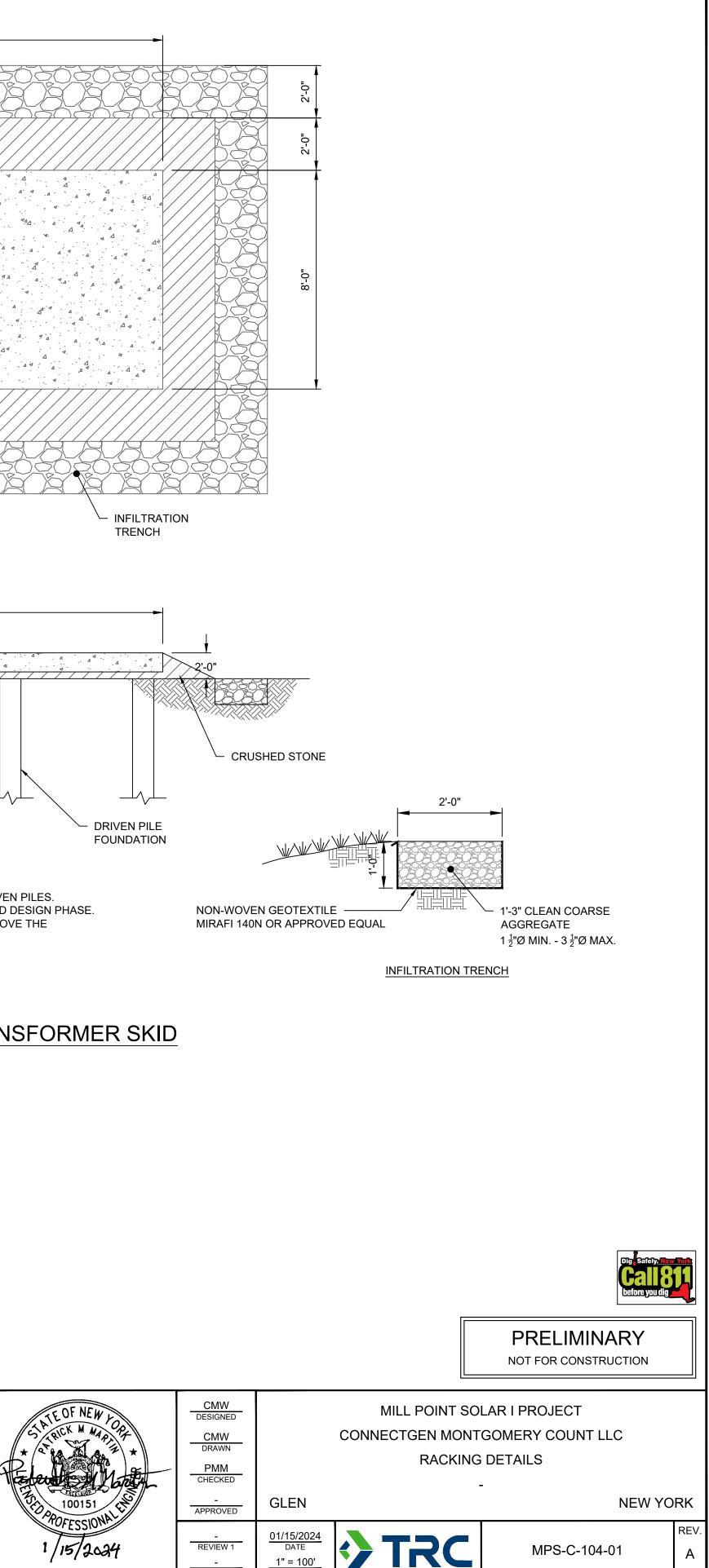
TYPICAL RACK FOUNDATION DETAILS SCALE: N.T.S.

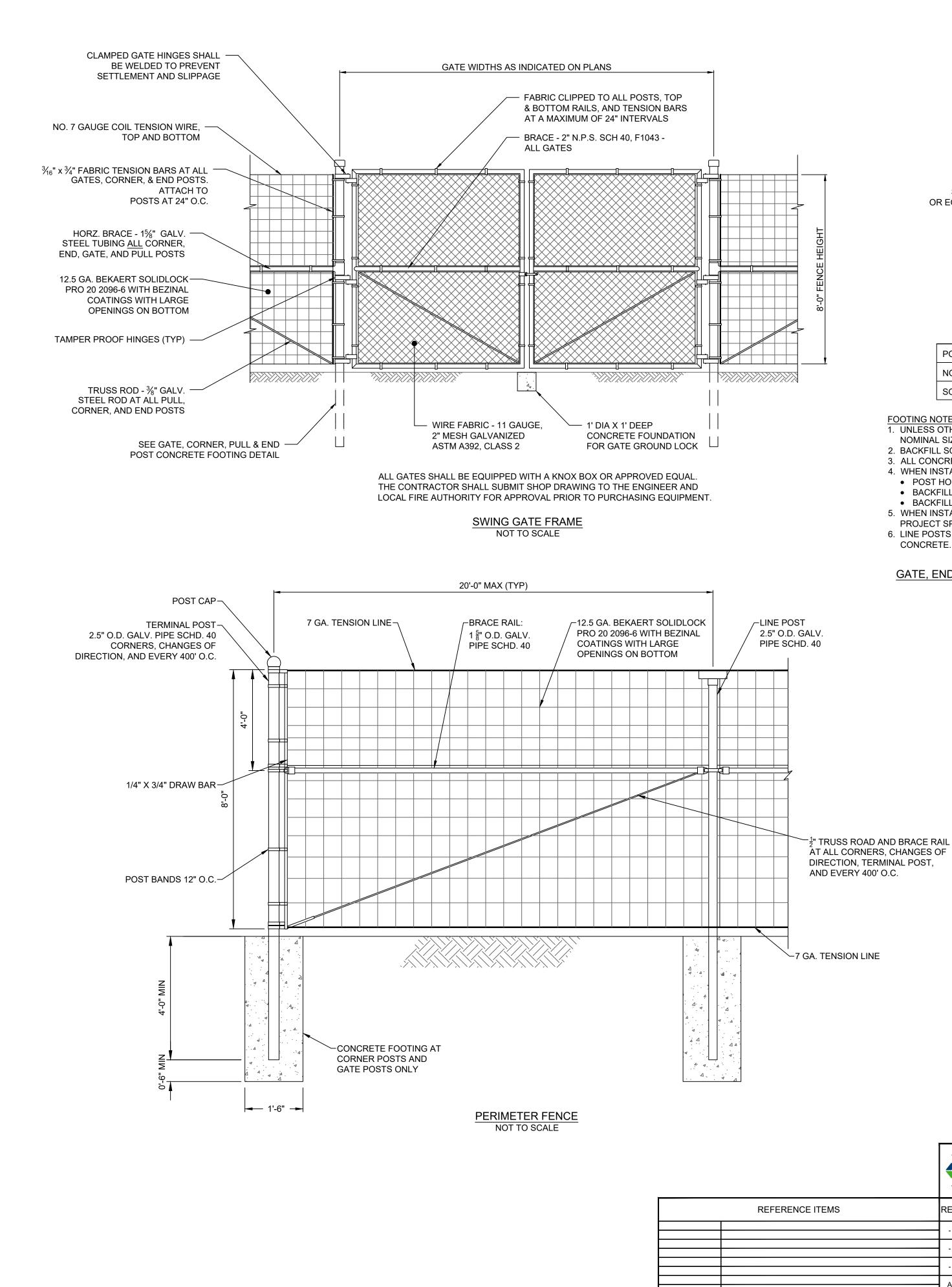


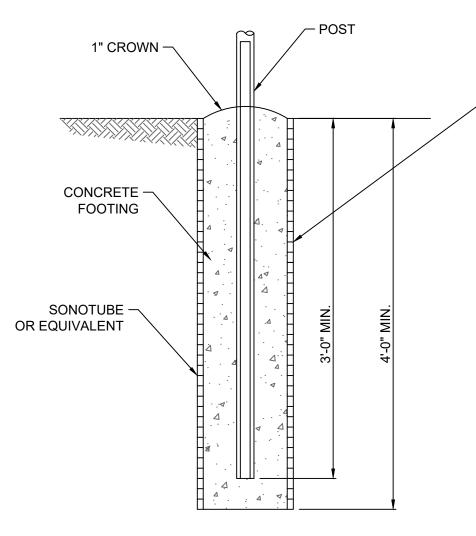




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POST USE	GATE	CORNER	PULL	END
NOMINAL PIPE SIZE (INCHES)	4	2 3/8	2 3/8	2 3/8
SONOTUBE SIZE (INCHES)	12	12	12	12

FOOTING NOTES:

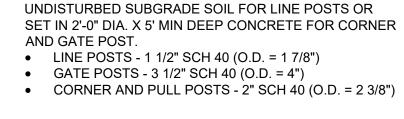
1. UNLESS OTHERWISE INDICATED, FENCE POST SIZES ARE INDUSTRY STANDARD NOMINAL SIZES IN ACCORDANCE WITH ASTM F 1083, GALVANIZED STEEL PIPE.

- 2. BACKFILL SONOTUBE WITH MIN. 3,000 PSI CONCRETE 3. ALL CONCRETE SHALL BE SINGLE POUR TO FINAL GRADE.
- 4. WHEN INSTALLING POSTS IN CLAY:
- POST HOLE DEPTH SHALL BE INCREASED TO 6 FEET.
- BACKFILL 4 FEET WITH CONCRETE.
- BACKFILL FINAL 2 FEET WITH NATIVE SOIL.
- 5. WHEN INSTALLING POSTS IN LEDGE, CORE AND GROUT POSTS IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- 6. LINE POSTS SHALL BE DRIVEN TO A DEPTH OF 6 FEET BELOW GRADE, AND NOT SET IN CONCRETE.

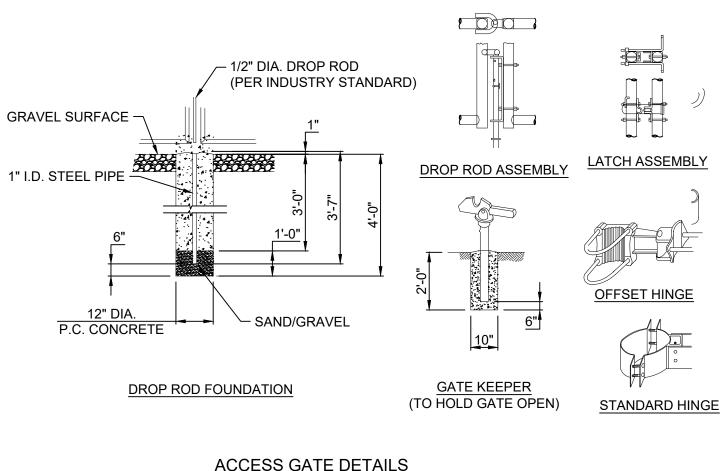
GATE, END, BRACE & CORNER POST CONCRETE FOOTING DETAIL NOT TO SCALE

- FENCING NOTES: 1. FENCING CONTRACTOR TO DESIGN AND INSTALL FENCE PER LOCAL REQUIREMENTS AND/OR RECOMMENDED PRACTICE FOR ALL COMPONENTS NOT SPECIFICALLY CALLED OUT.
- 2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL EXISTING SITE CONDITIONS AND WITH DESIGN
- DOCUMENTS PROVIDED BY THE VARIOUS DESIGN PROFESSIONALS INVOLVED IN THIS PROJECT. 3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DETAILS, AND SPATIAL RELATIONSHIPS SHOWN ON THESE DRAWINGS IN CONJUNCTION WITH ALL OTHER RELATED DESIGN DRAWINGS. ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS FOUND SHALL BE REPORTED TO THE ENGINEER AND OTHER DESIGN PROFESSIONALS AS
- APPROPRIATE FOR RESOLUTION PRIOR TO PROCEEDING WITH ANY WORK ON THE PROJECT. 4. THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS, INCLUDING SHOP DRAWINGS, AND VERIFY CORRECTNESS OF THEM PRIOR TO SUBMISSION TO OWNER.
- 5. ALL STEEL SHALL BE GALVANIZED PER ASTM A123 UNLESS CORROSION ANALYSIS REPORT RECOMMENDS ADDITIONAL CORROSION PROTECTION.
- 6. FOUNDATION CONCRETE SHALL MEET NEW YORK DOT SPECIFICATIONS FOR CLASS A3 CONCRETE. 7. FACILITY LAYOUT RELATIVE TO THE PROJECT WETLANDS AND BOUNDARY SHALL BE CONFIRMED BY A
- LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. 8. FENCE POSTS IN WETLANDS SHALL BE DRIVEN AND NOT INCLUDE A CONCRETE FOOTING.

249 Western Avenue Augusta, ME 04330 PROJECT NO: 443269 DATE DES CHK APF DESCRIPTION 100151 OFFSSIO -ISSUED FOR 94-C 01/15/2024 CMW PMM эмм



WEIGHT. POSTS SHALL BE DRIVEN 6' INTO



- GENERAL FENCING NOTES:
- SPECIFIED.

- REQUIREMENTS

POSTS SHALL BE STEEL PIPE, ASTM F1083 STANDARD

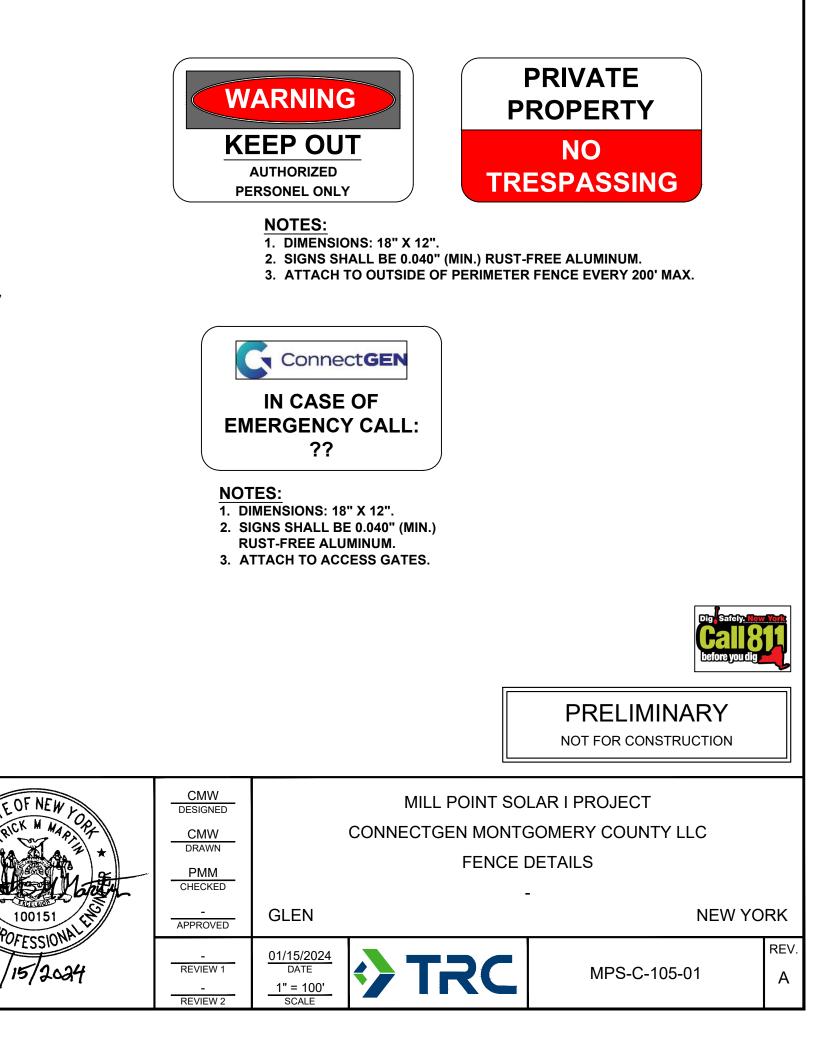
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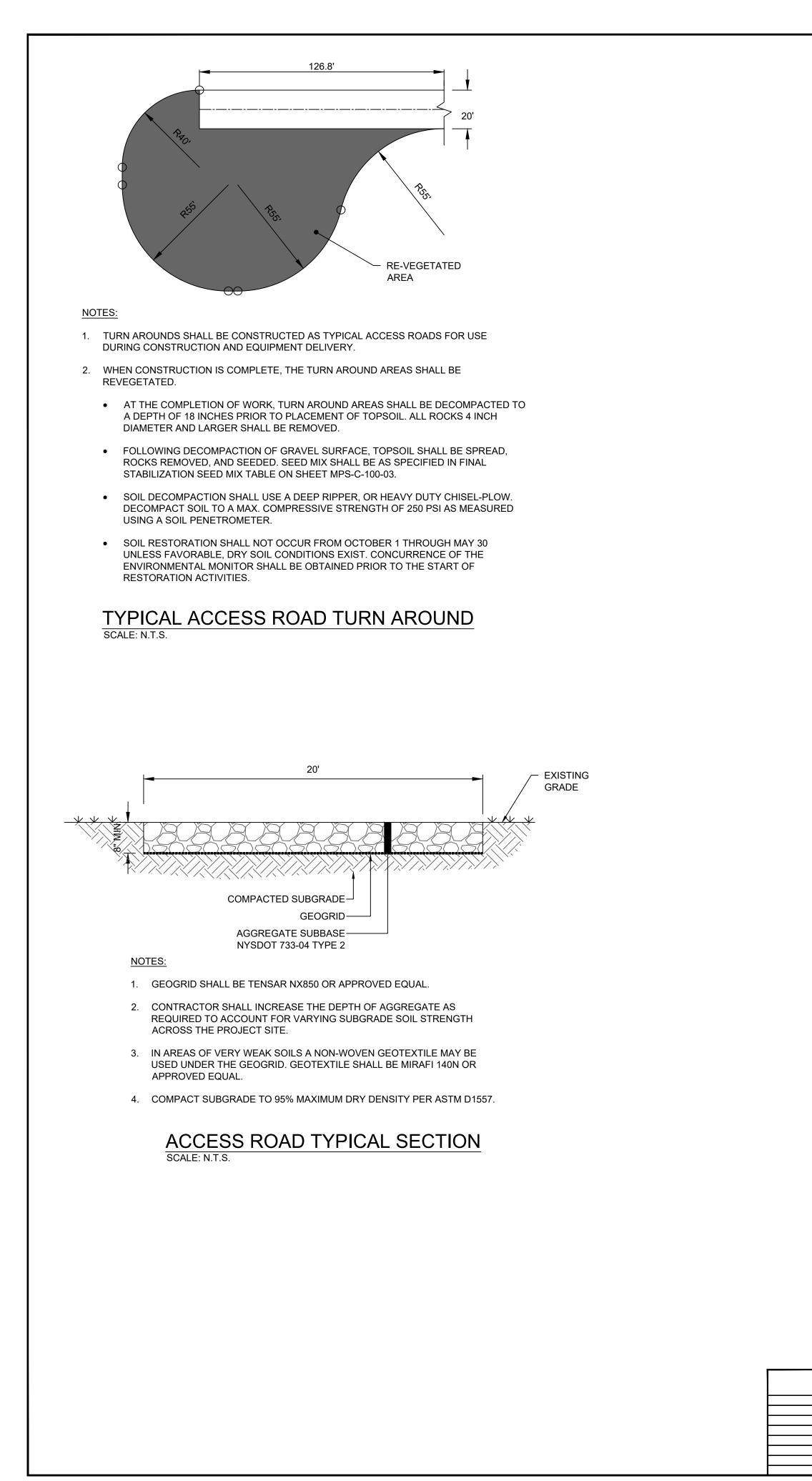
1. ALL ITEMS SHALL BE GALVANIZED AND ZINC COATED TO ASTM SPECIFICATIONS, INCLUDING ALL POSTS, RAILS, GATES, AND HARDWARE. 2. GATE FENCE FABRIC SHALL BE MOUNTED INSIDE THE FRAME. 3. All SWING GATE OPENINGS SHALL BE 24 FEET UNLESS OTHERWISE

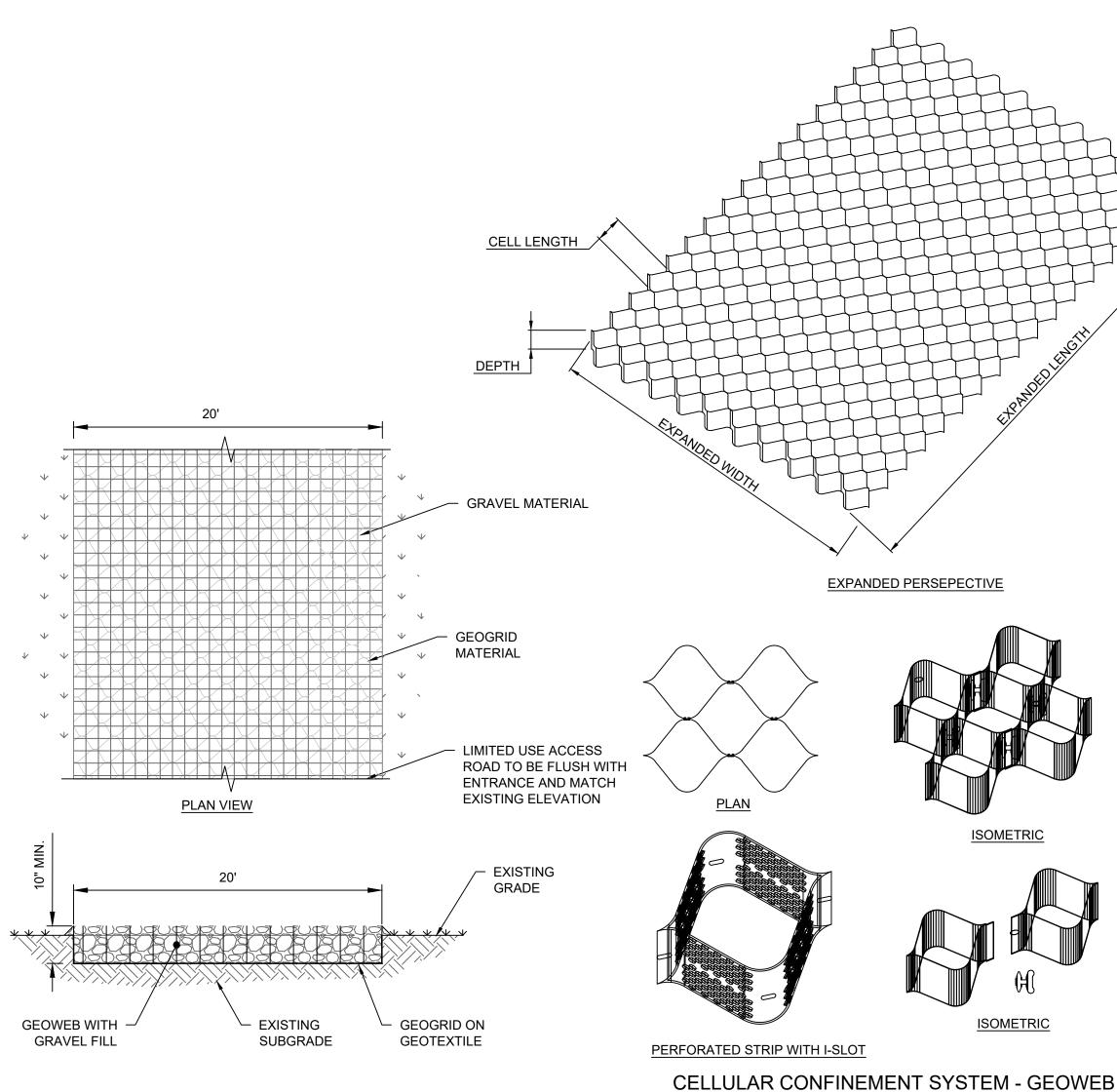
4. SWING GATES SHALL BE CONSTRUCTED WITH DROP RODS, PADLOCKS, LATCH ASSEMBLY, GATE KEEPERS, AND KNOX BOX.

5. BOLTS AND HINGES SHALL BE OF A TAMPER-PROOF TYPE.

6. EXPOSED BOLTS AND NUTS SHALL BE SPOT WELDED. 7. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL FENCE AND GATE







STABILIZED ACCESS ROAD SCALE: N.T.S.

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USE OF STABILIZED ACCESS ROAD:

- 1. APPLICATION 1: STABILIZED ACCESS ROAD SECTION SHALL BE CONSTRUCTED AS A STABILIZATION METHOD AT NATURAL LOW POINTS OF THE ACCESS ROADS AND TERRAIN, WHERE CULVERT INSTALLATION IS IMPRACTICAL DUE TO LIMITED COVER AND RUNOFF MAY FLOW ACROSS THE ACCESS ROAD. LOCATIONS ARE INDICATED ON THE PLANS. GRAVEL FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, WASHED, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS OF NYSDOT ITEM 703-0201, SIZE DESIGNATION 3, 4A OR 4 OF TABLE 703-4. THE OPEN-GRADED STONE WILL ALLOW LOW FLOWS TO PASS THROUGH THE ROAD MATERIAL WHILE HIGHER FLOWS WILL PASS OVER THE ROAD. THE CELLULAR CONFINEMENT SYSTEM (GEOWEB) WILL MINIMIZE EROSION OF THE ROAD MATERIAL.
- APPLICATION 2: STABILIZED ACCESS ROADS SHALL BE CONSTRUCTED IN AREAS WHERE THE SLOPE OF THE ROAD EXCEEDS 8%. GEOTEXTILE IS TYPICALLY NOT REQUIRED FOR THIS SPECIFIC APPLICATION. THE GEOWEB WILL HOLD THE ROAD MATERIAL IN PLACE UNDER TRAFFIC LOADS. GRAVEL FILL MATERIAL SHALL BE NYSDOT AGGREGATE SUBBASE 733-04 TYPE 2.
- 3. APPLICATION 3: STABILIZED ACCESS ROADS SHALL BE CONSTRUCTED IN AREAS WITH SOFT OR PLACID SOILS, WHERE ADDITIONAL STRUCTURAL SUPPORT IS NEEDED TO SUPPORT TRAFFIC LOADS. GRAVEL FILL MATERIAL SHALL BE NYSDOT AGGREGATE SUBBASE 733-04 TYPE 2. GEOTEXTILE IS REQUIRED FOR THIS APPLICATION.

CONSTRUCTION:

- 1. REMOVE STUMPS, ROCKS AND DEBRIS AS NECESSARY. FILL VOIDS TO MATCH EXISTING NATIVE SOILS AND COMPACTION LEVEL.
- 2. REMOVED TOPSOIL SHALL BE STOCKPILED FOR LATER USE OR SPREAD OVER ADJACENT AREAS AS DIRECTED BY THE PROJECT ENGINEER. DO NOT PLACE IN AN AREA THAT IMPEDES STORMWATER DRAINAGE
- 3. PREPARE SUBGRADE AS NEEDED TO ACHIEVE LINES AND GRADES SHOWN ON CONSTRUCTION PLANS.
- 4. REMOVE REFUSE SOILS AS DIRECTED BY THE PROJECT ENGINEER OR ENVIRONMENTAL INSPECTOR. DO NOT PLACE IN AN AREA THAT IMPEDES STORMWATER DRAINAGE.
- 5. ROADWAY WIDTH TO BE INSTALLED AS SHOWN ON PLANS.
- 6. INSTALL GEOTEXTILE, GEOGRID, AND/OR GEOWEB AS NEEDED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

GEOGRID MATERIAL NOTES:

- 1. GEOGRID, OR APPROVED EQUIVALENT PRODUCT, SHALL BE USED FOR ALL CONDITIONS IN ORDER TO PROVIDE STRUCTURAL SUPPORT TO ROAD MATERIALS.
- 2. GEOGRID SHALL BE TENSAR NX850 OR APPROVED EQUAL. GEOGRID SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPES.
- 3. IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A MINIMUM OF SIX INCHES.
- 4. REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER TYING AND CONNECTIONS.

GEOWEB MATERIAL NOTES:

- 1. CELLULAR CONFINEMENT SYSTEM SHALL BE PRESTO GEOSYSTEM GEOWEB GW30V, OR APPROVED EQUIVALENT PRODUCT. MINIMUM CELL DEPTH SHALL BE 6".
- 2. INSTALLATION SHALL BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 3. GRAVEL FILL MATERIAL SHALL CONSIST OF CLEAN, WASHED, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS OF NYSDOT ITEM 703-02, SIZE DESIGNATION 3, 4A OR 4 OF TABLE 703-4. STONE MAY BE PLACED IN FRONT OF, AND SPREAD WITH, A TRACKED VEHICLE. GRAVEL SHALL NOT BE COMPACTED.
- 4. THE TOP EDGES OF ADJACENT CELL WALLS SHALL BE FLUSH WHEN CONNECTING. ALIGN THE I-SLOTS FOR INTERLEAF AND END TO END CONNECTIONS. THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AT EACH INTERLEAD AND END TO END CONNECTIONS. REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER INSTALLATION, TYING AND CONNECTIONS.

WOVEN GEOTEXTILE MATERIAL NOTES:

- 1. GEOTEXTILE SHALL BE RS280i OR APPROVED EQUIVALENT.
- 2. SPECIFIED GEOTEXTILE WILL ONLY BE UTILIZED IN PLACID SOILS, OR AS DIRECTED BY PROJECT ENGINEER OR ENVIRONMENTAL INSPECTOR.



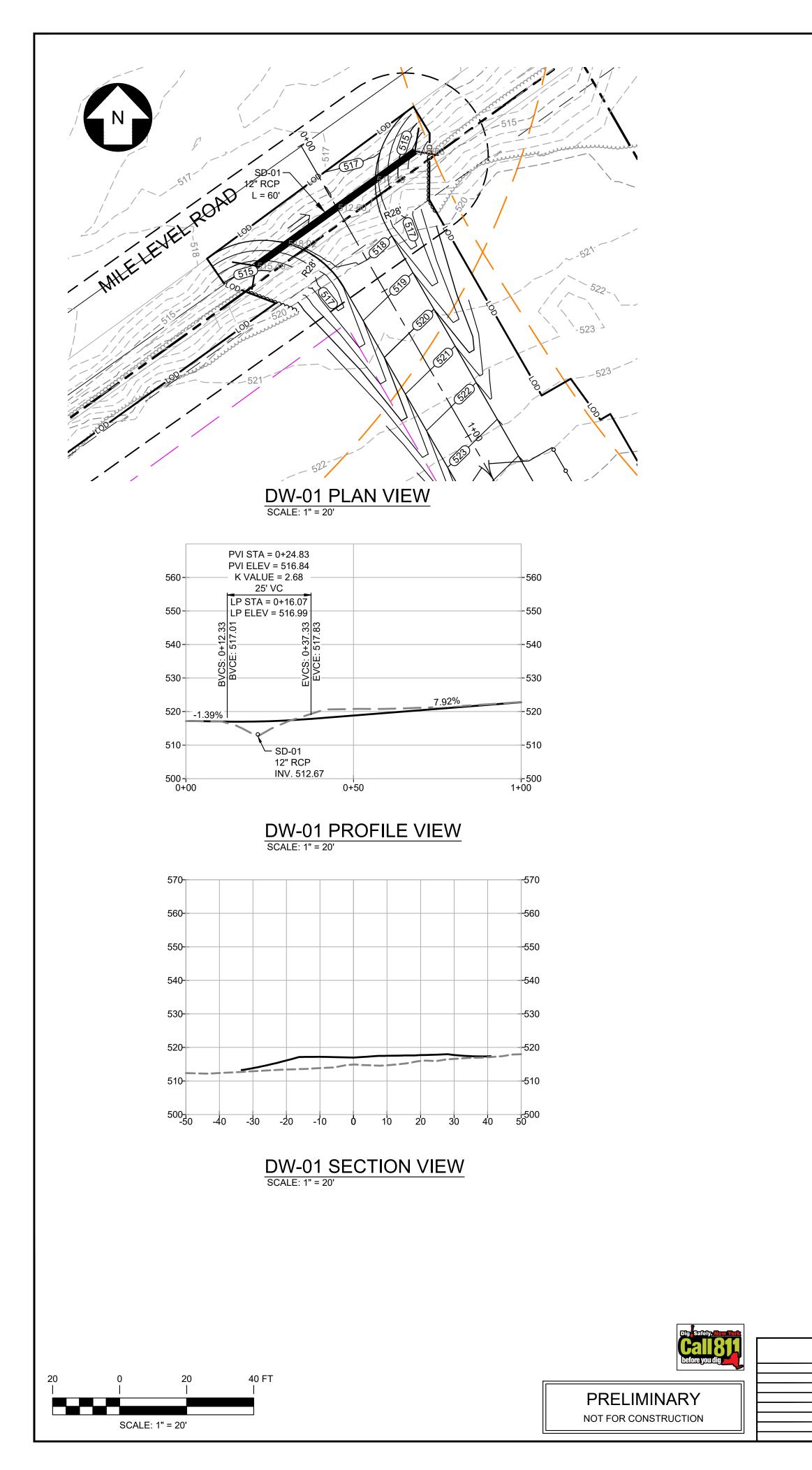
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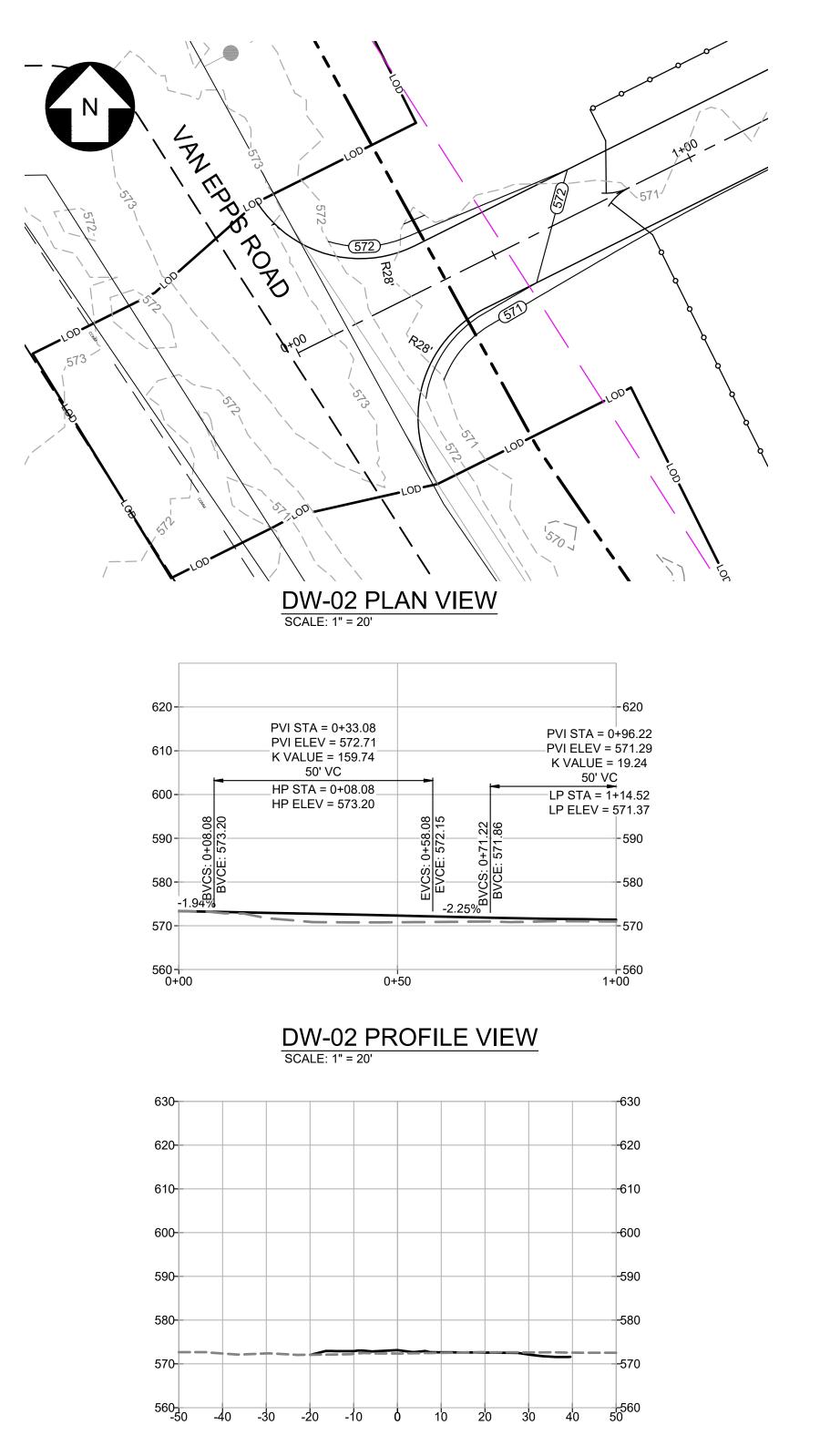
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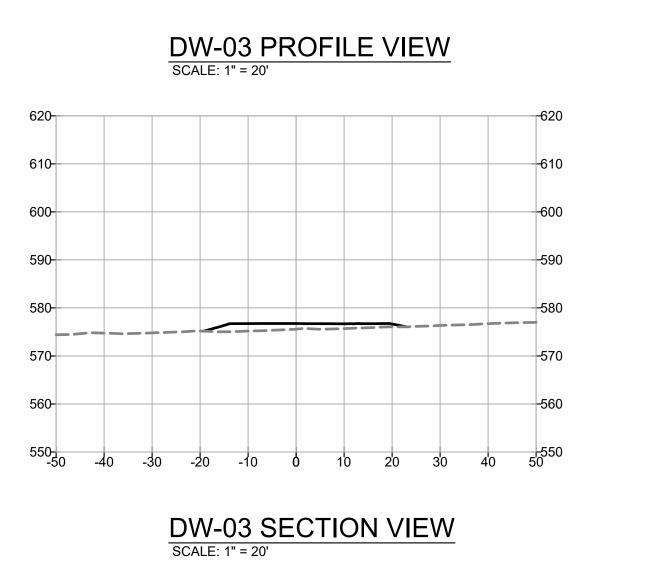


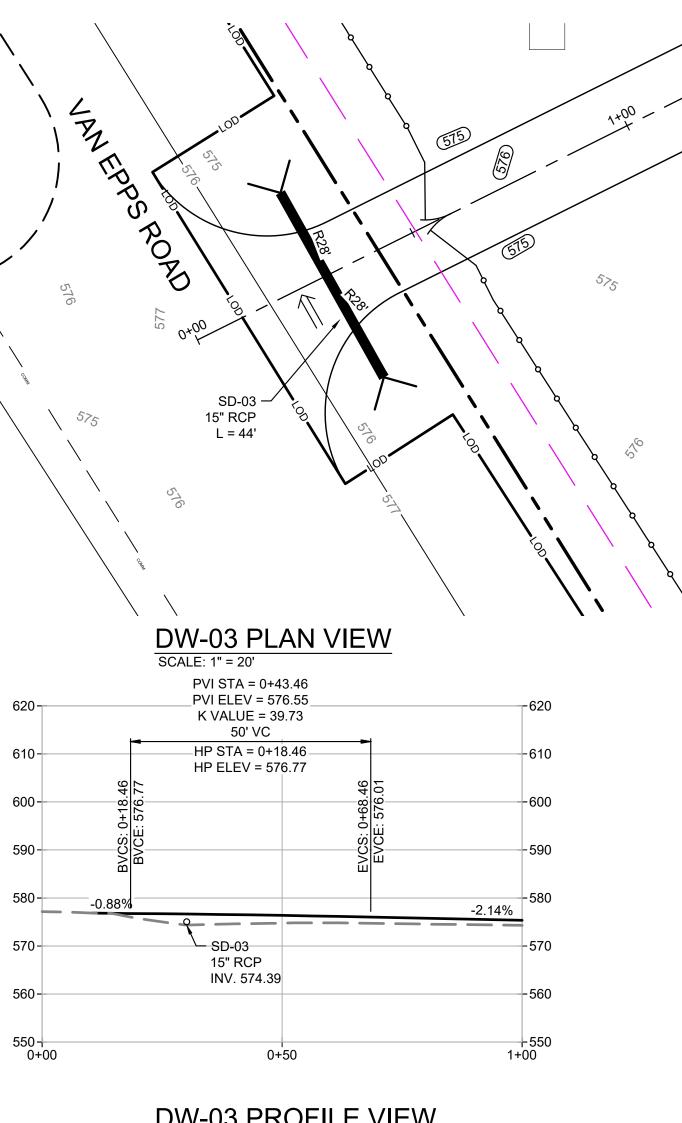


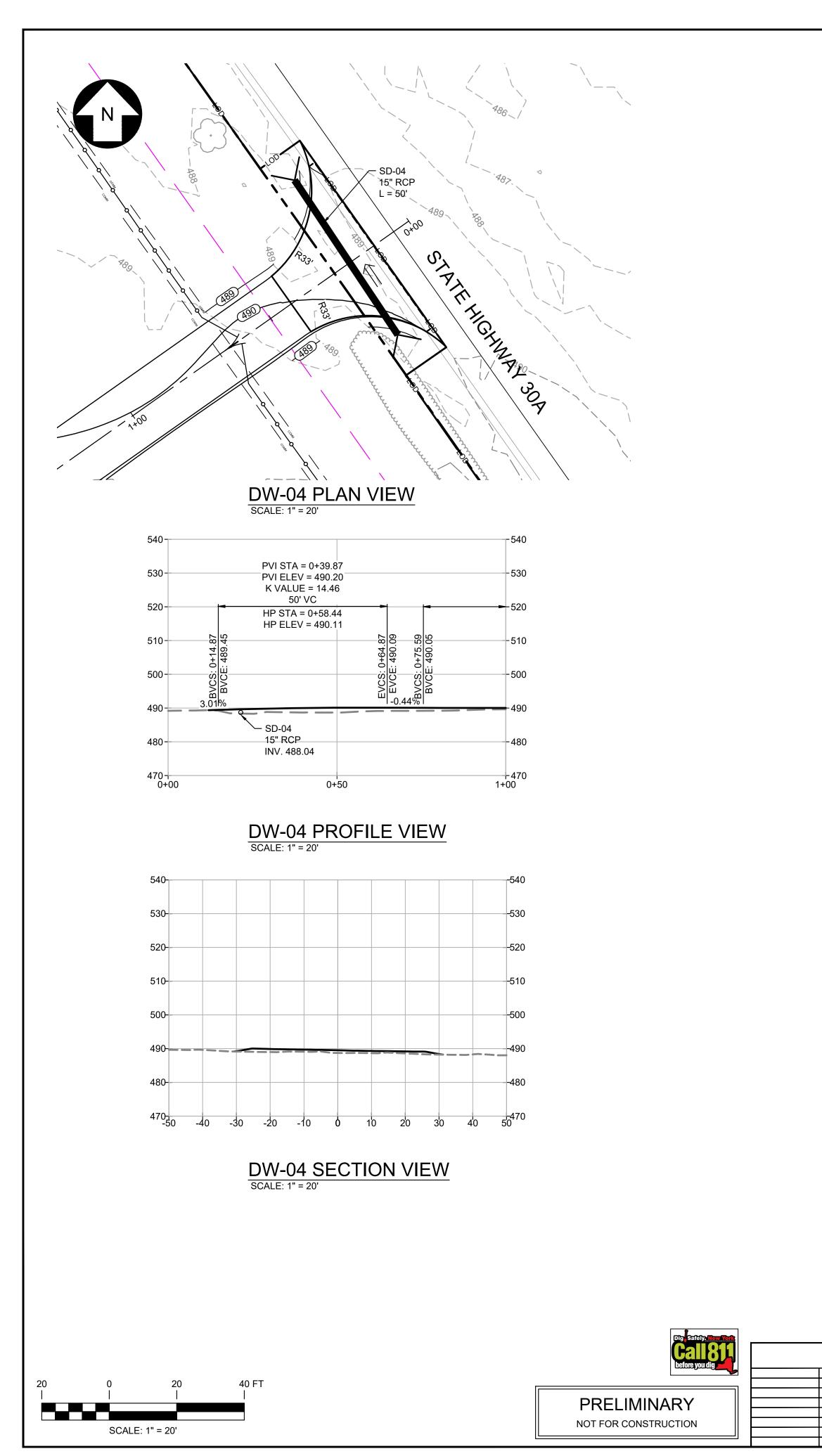
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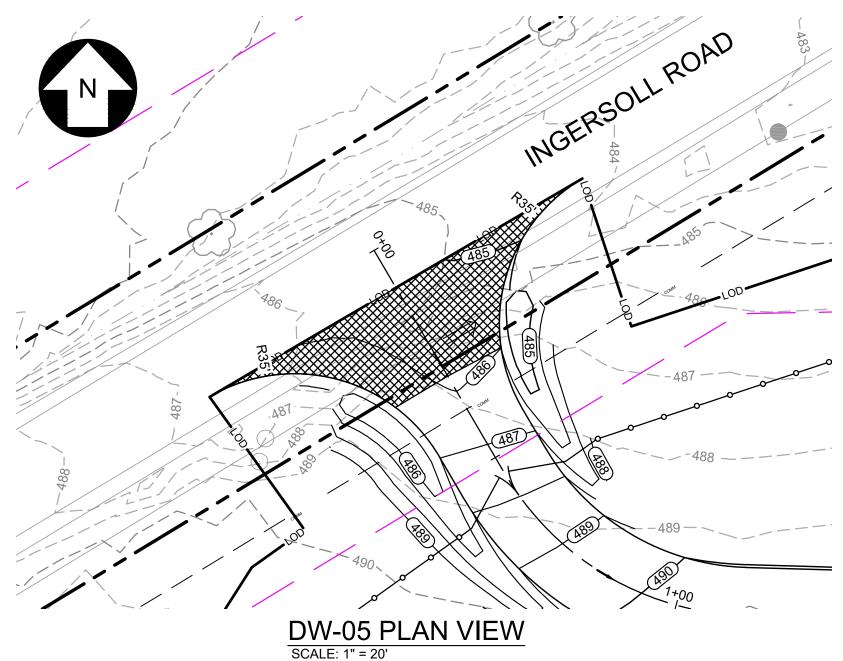
DW-02 SECTION VIEW

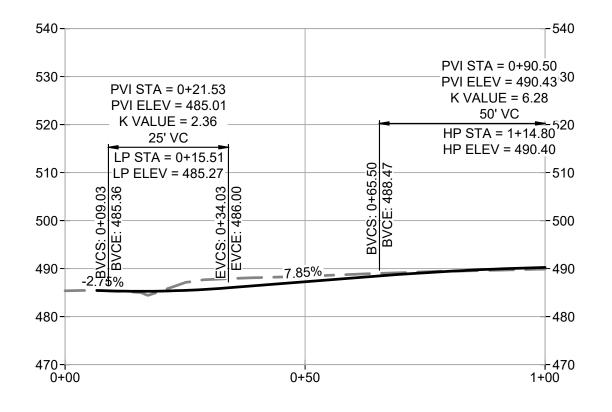
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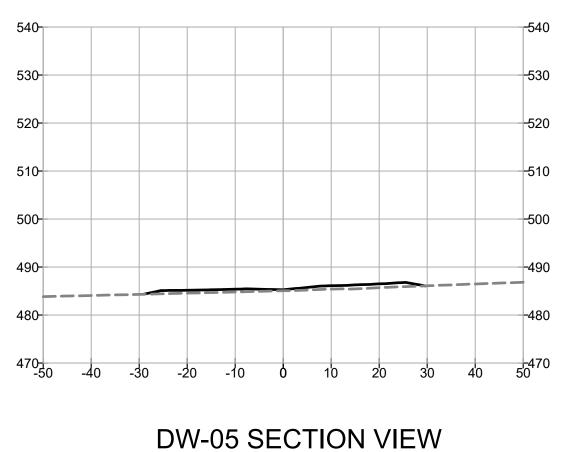






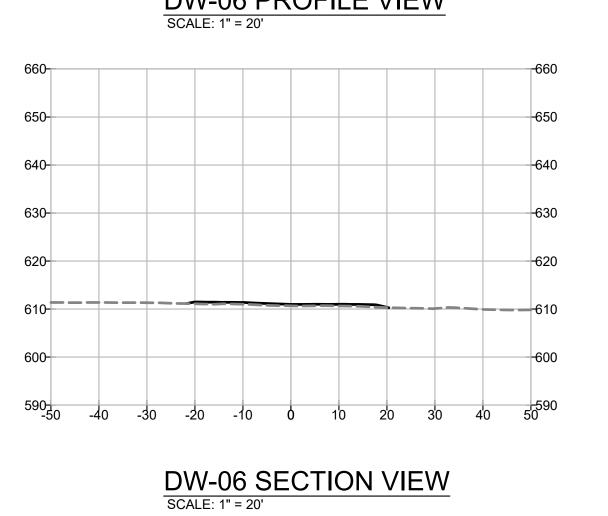


DW-05 PROFILE VIEW

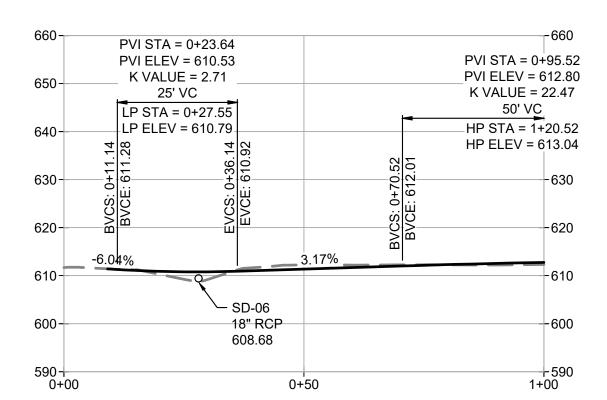


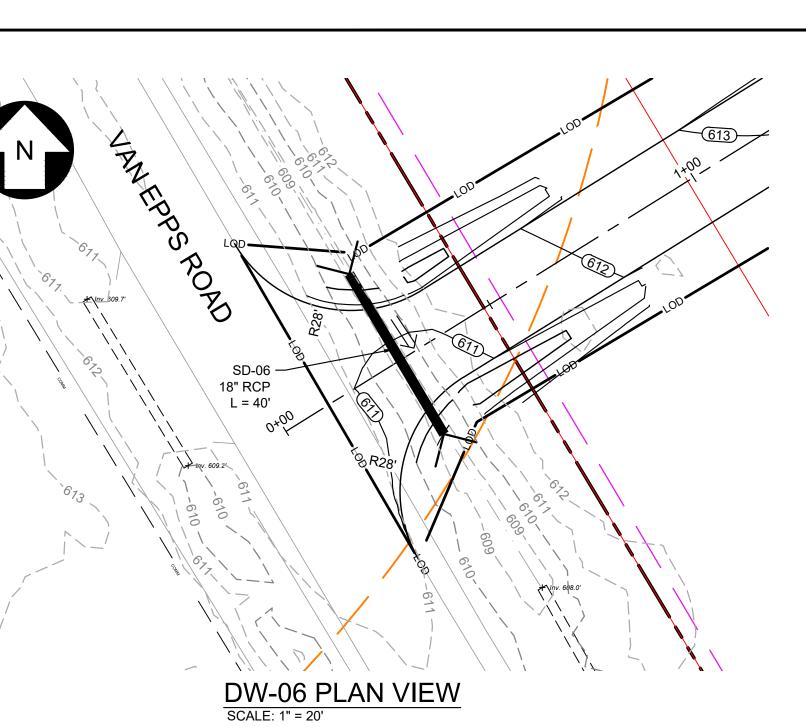
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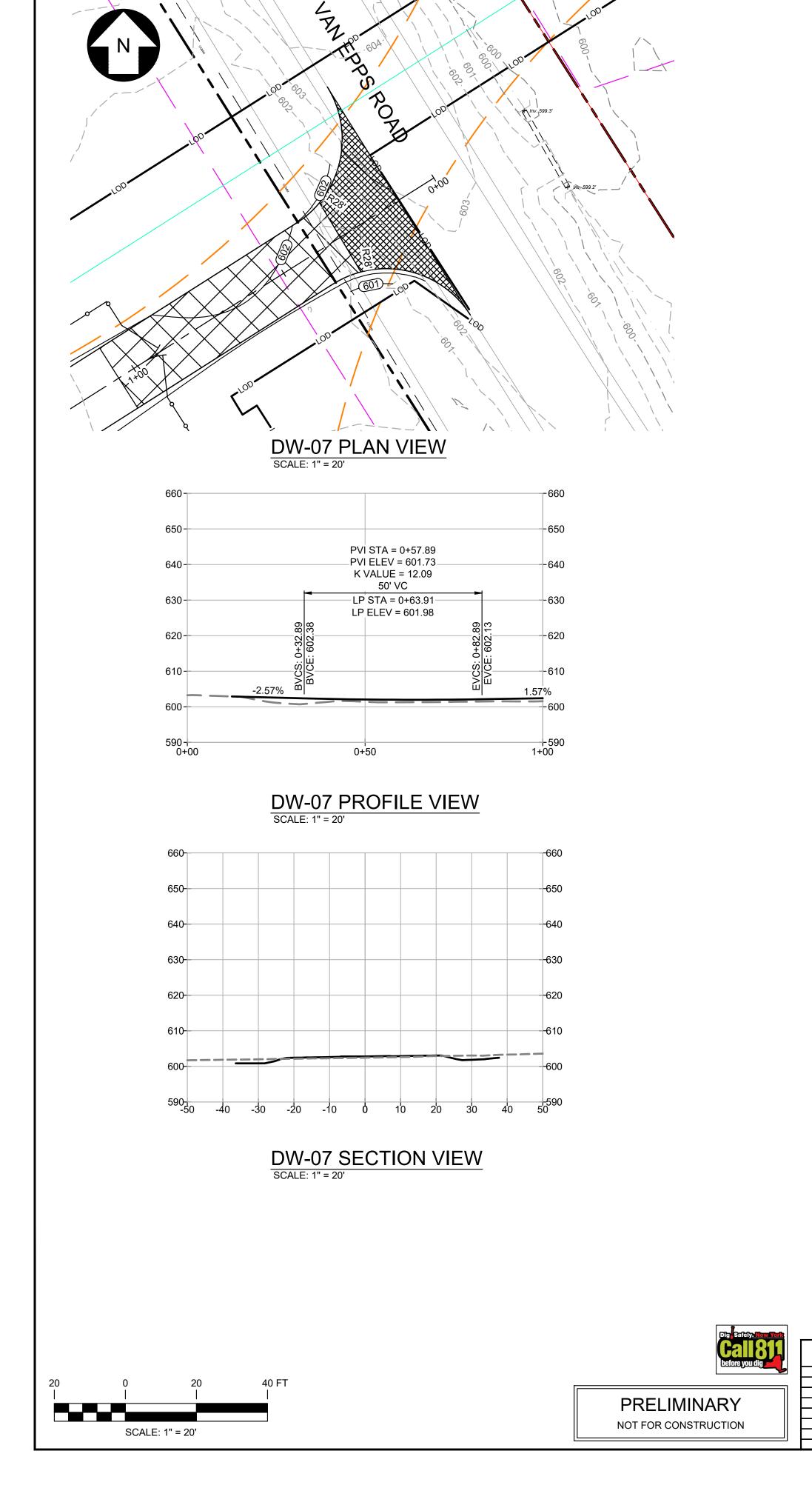
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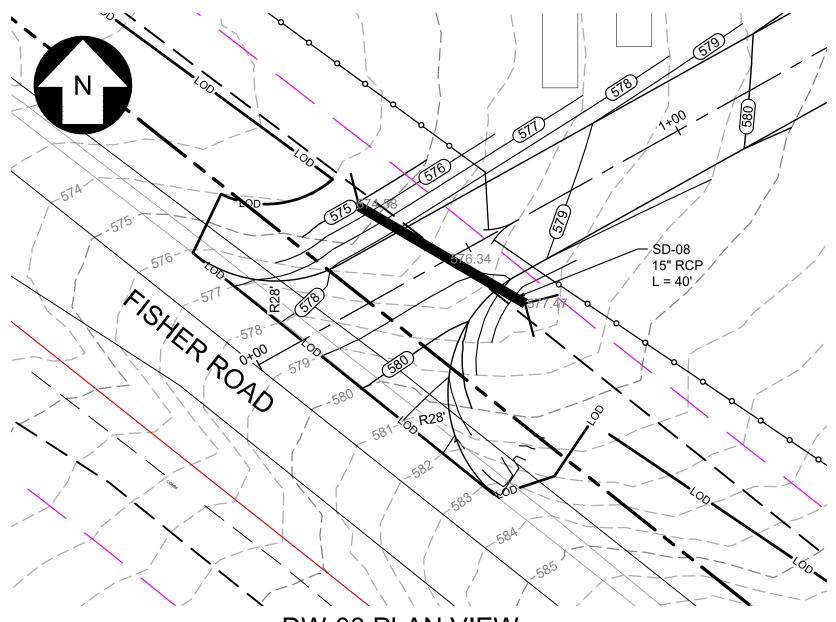






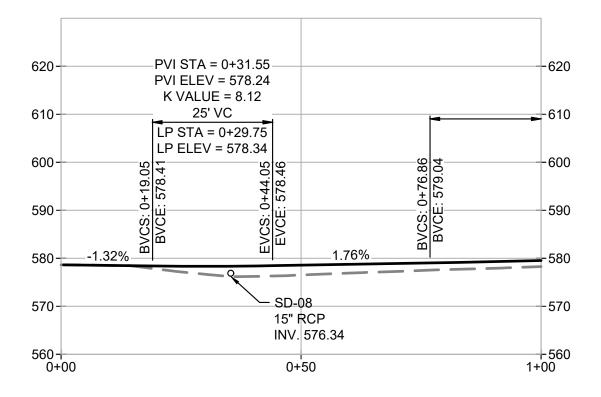




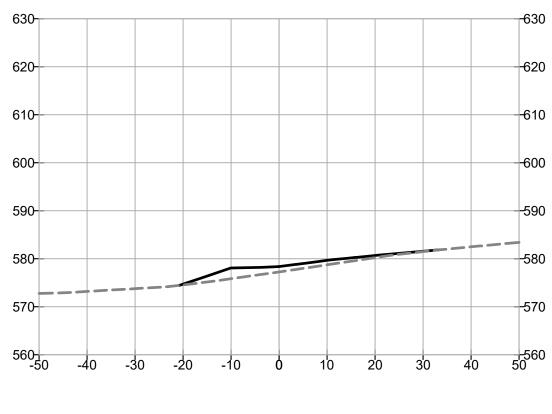




DW-08 PLAN VIEW



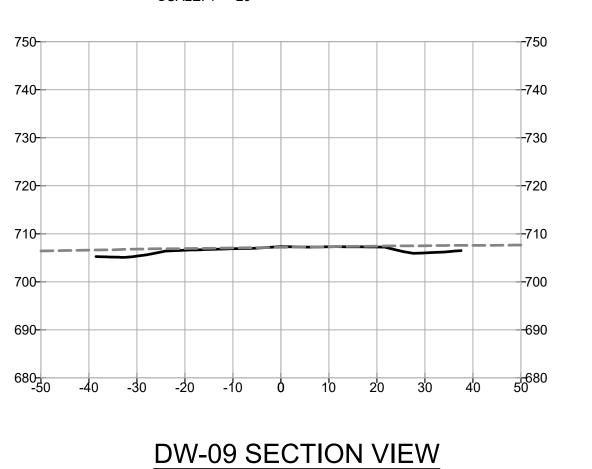
DW-08 PROFILE VIEW SCALE: 1" = 20'



DW-08 SECTION VIEW SCALE: 1" = 20'

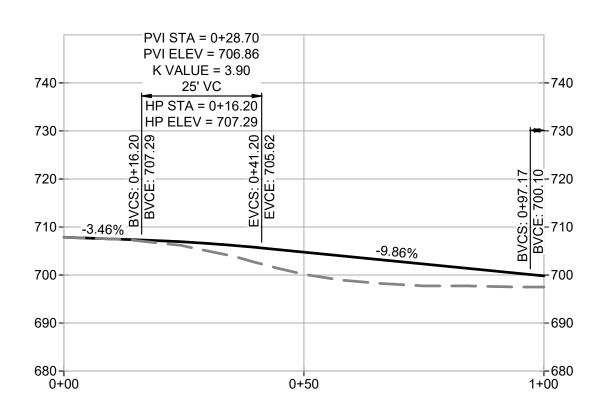
	249 Western Avenue Augusta, ME 04330	PROJECT NO: 443269	CMW DESIGNED CMW DESIGNED CMW DRAWN	MILL POINT SOLAR I PROJECT CONNECTGEN MONTGOMERY COUNTY LLC
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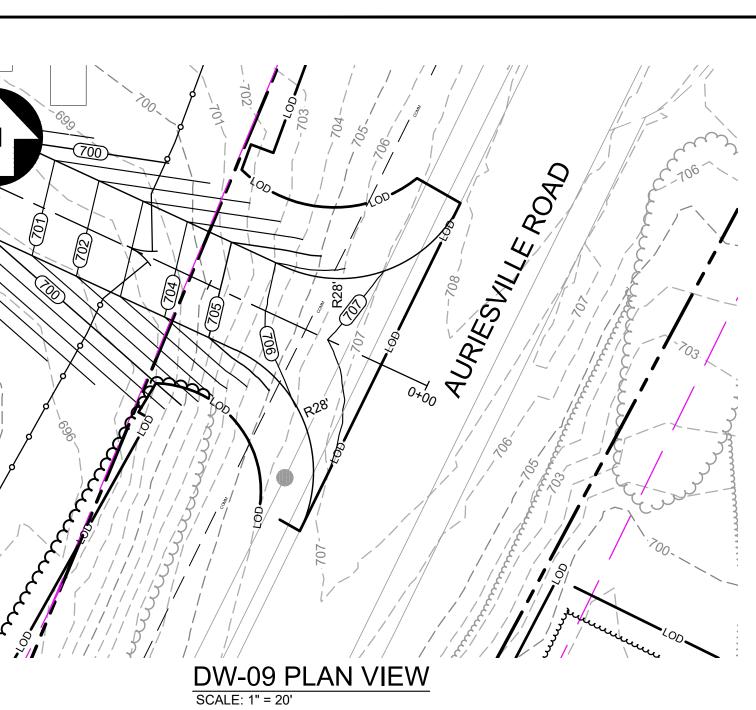


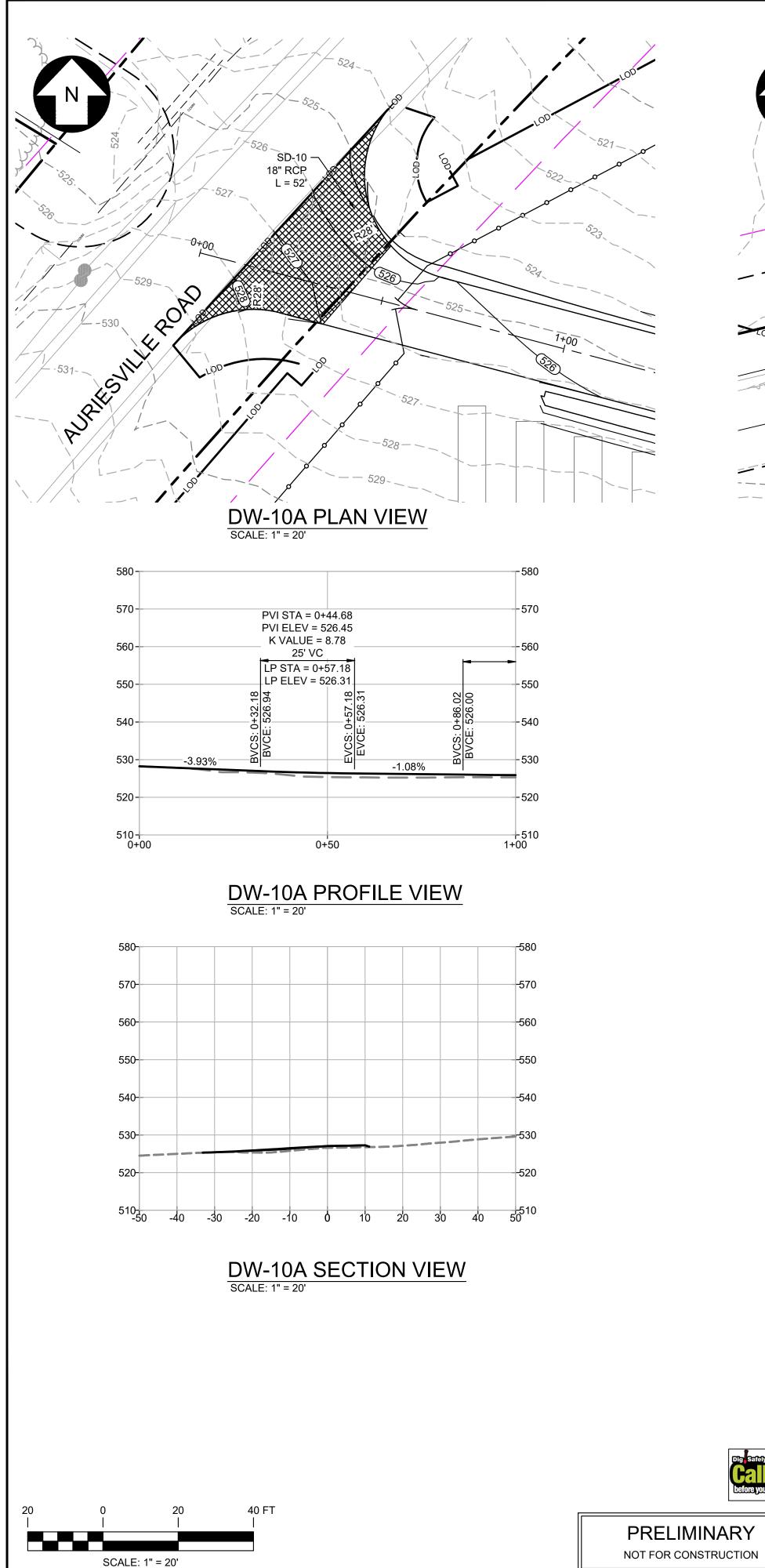


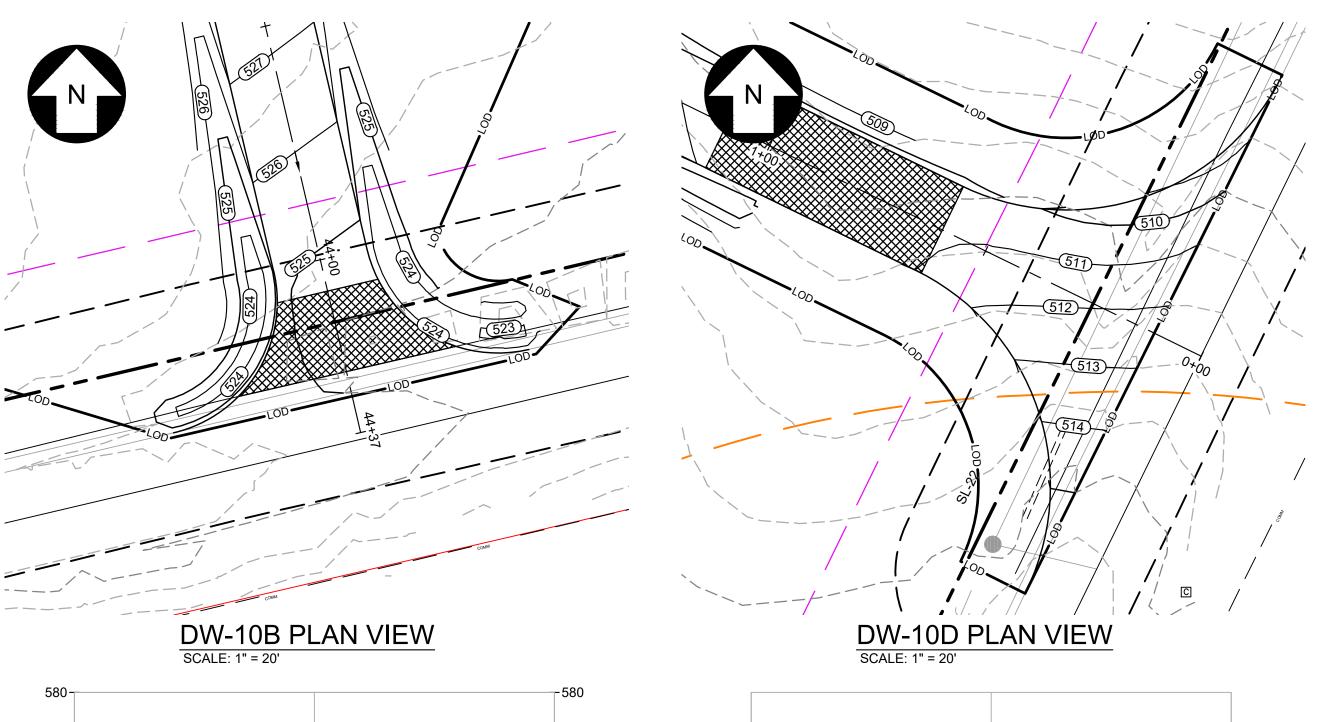
SCALE: 1" = 20'

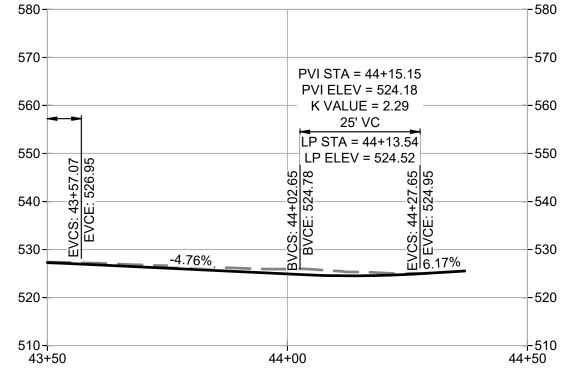






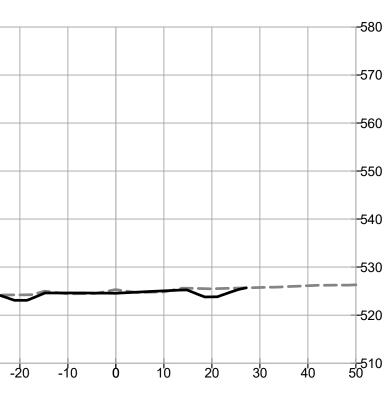




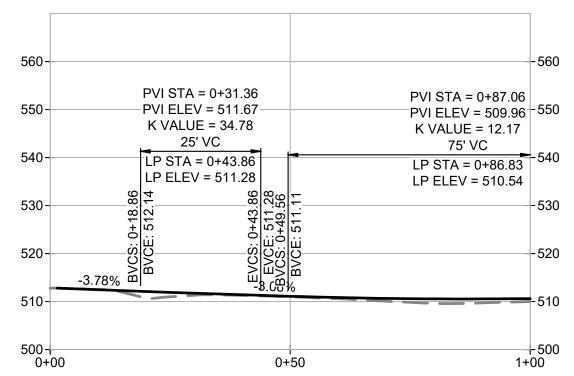


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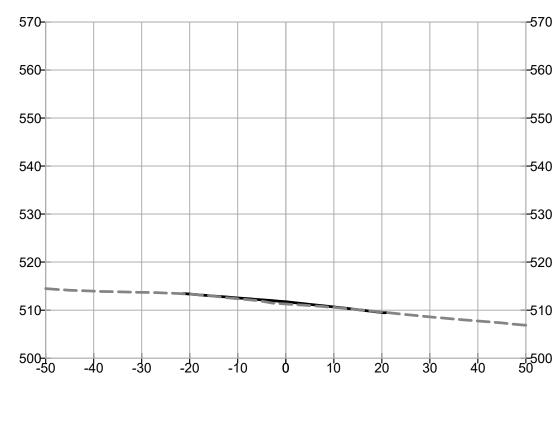
DW-10B PROFILE VIEW SCALE: 1" = 20'



DW-10B SECTION VIEW SCALE: 1" = 20'

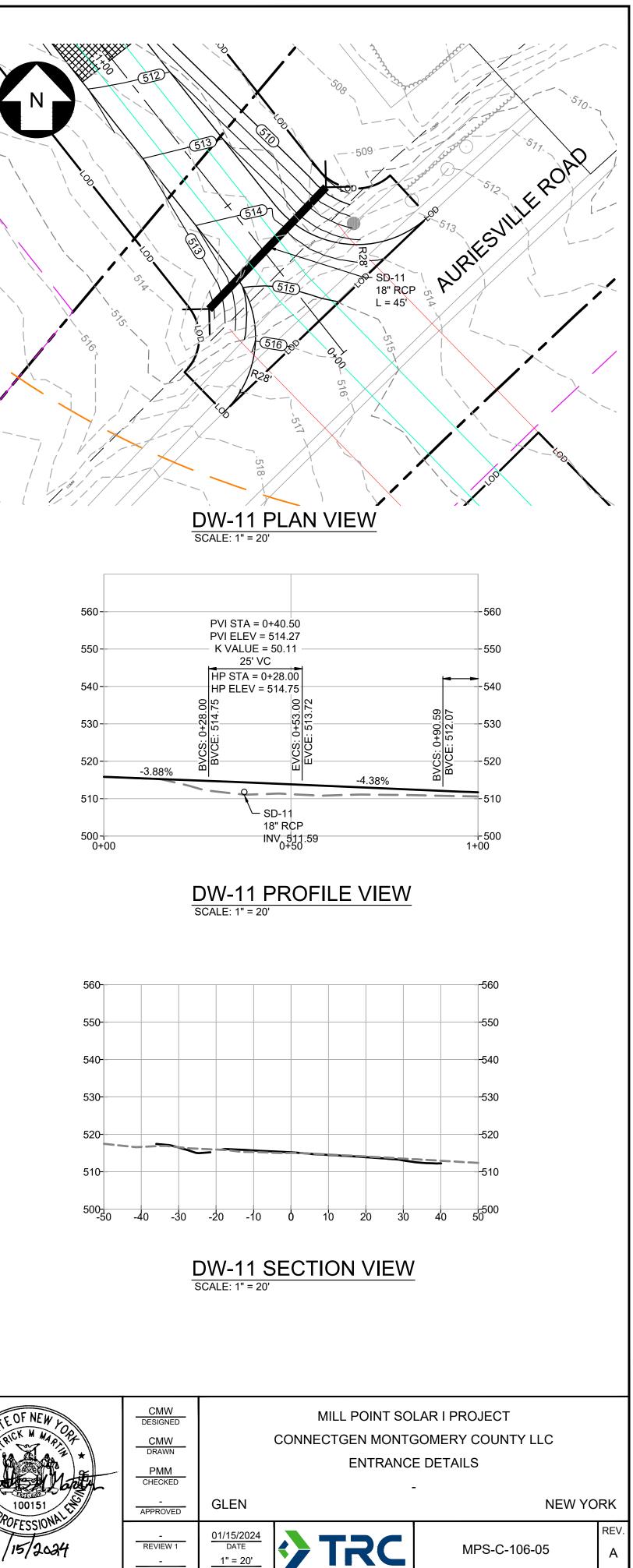


DW-10D PROFILE VIEW SCALE: 1" = 20'



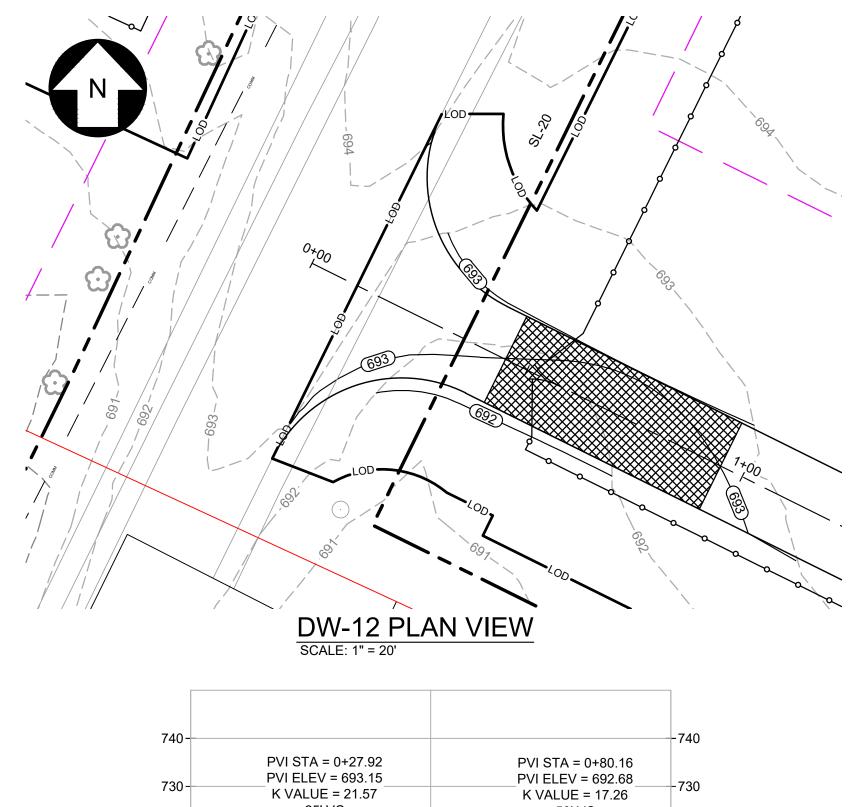
DW-10D SECTION VIEW SCALE: 1" = 20'

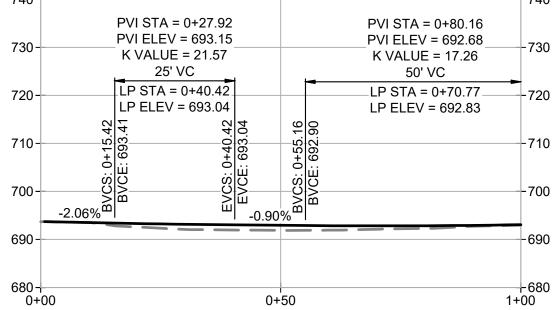
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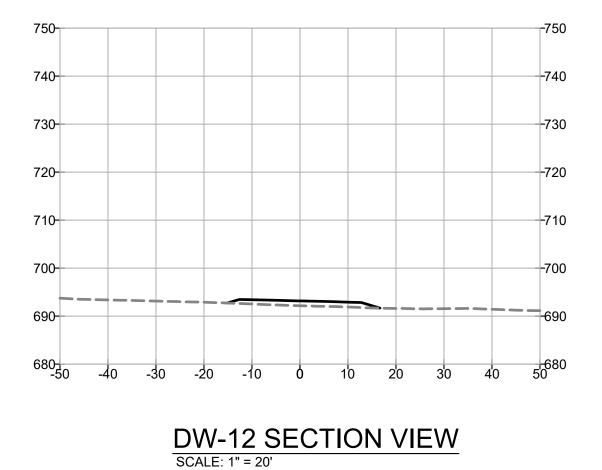
1" = 20' SCALE

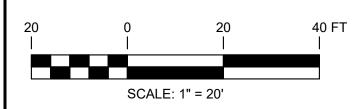
REVIEW 2



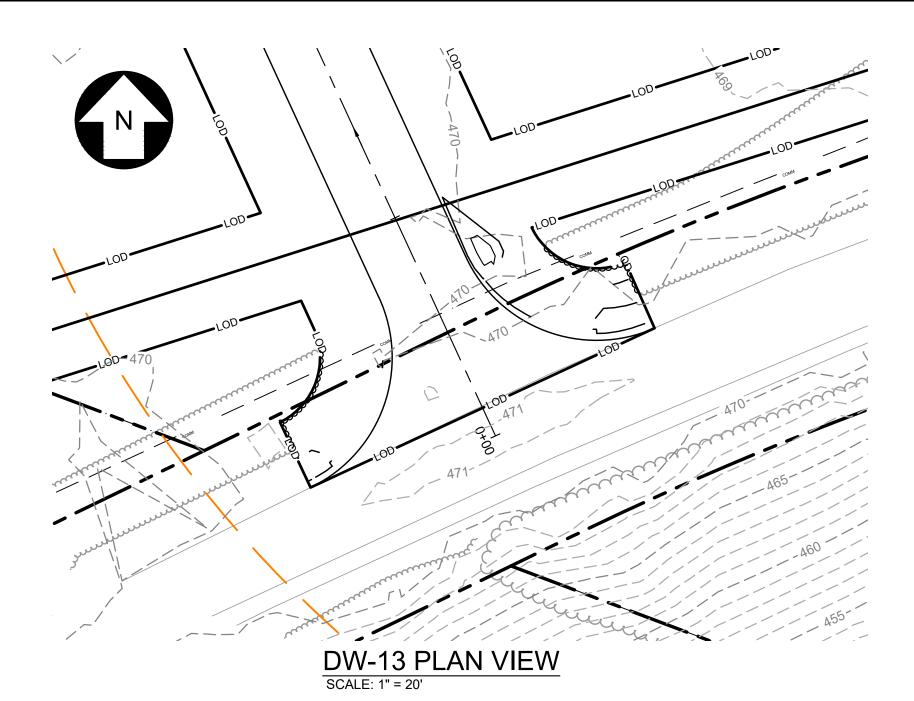


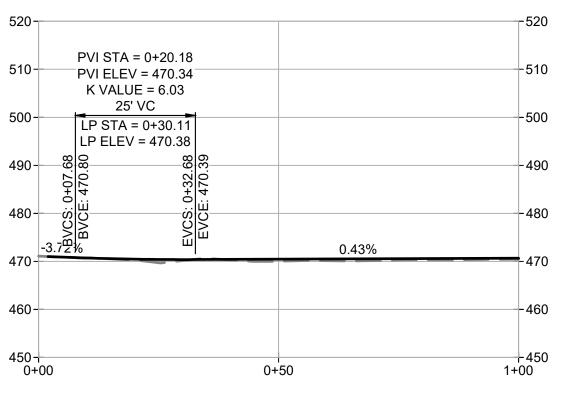
DW-12 PROFILE VIEW



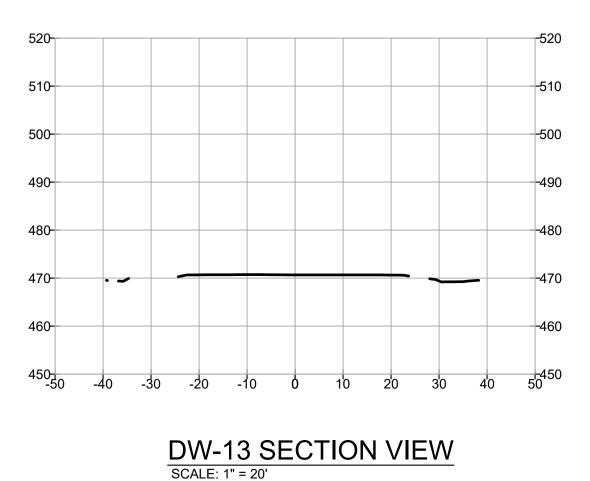




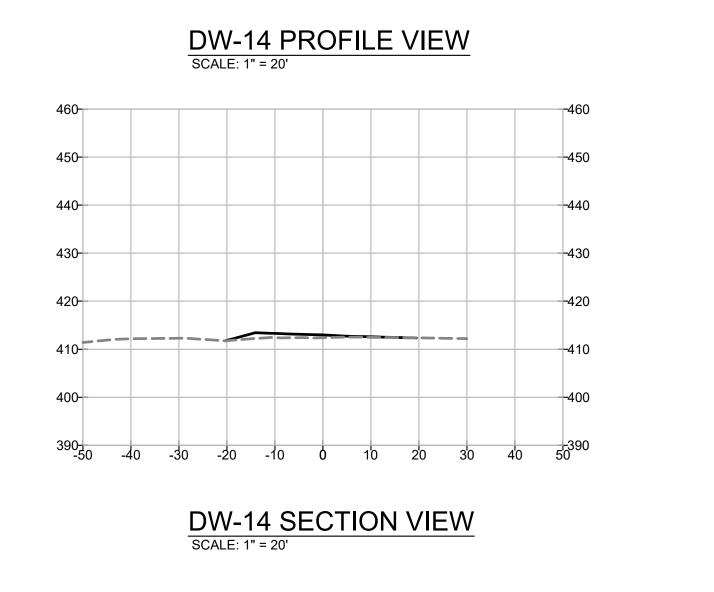


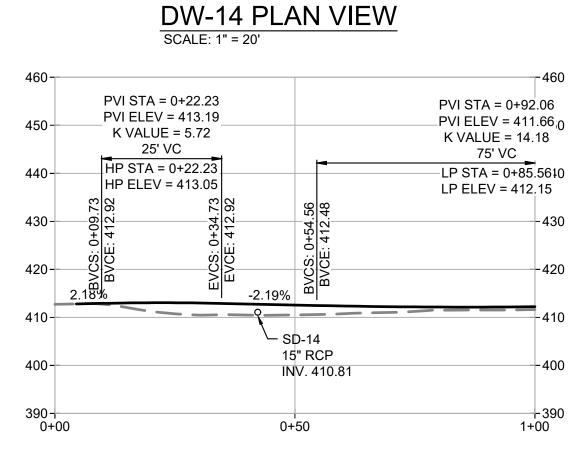


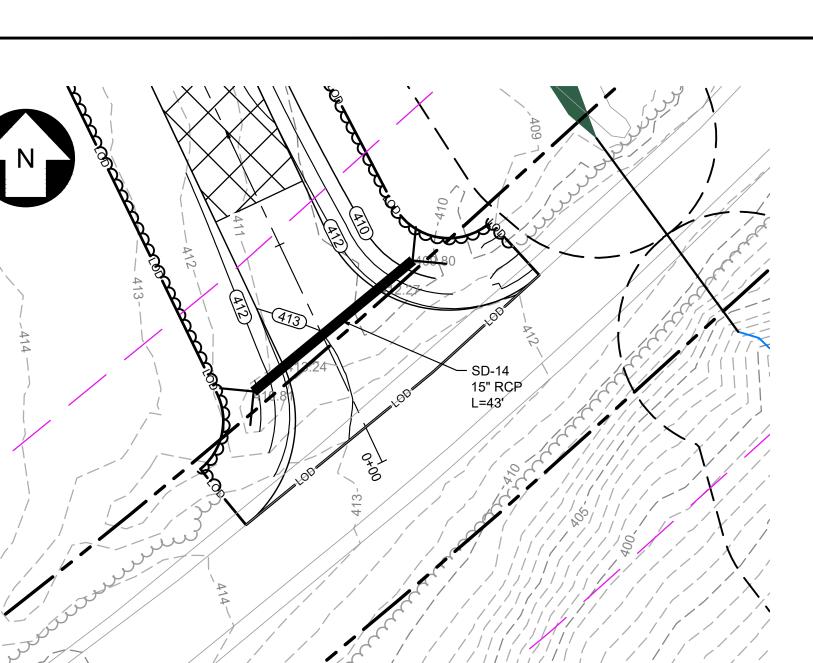
DW-13 PROFILE VIEW SCALE: 1" = 20'

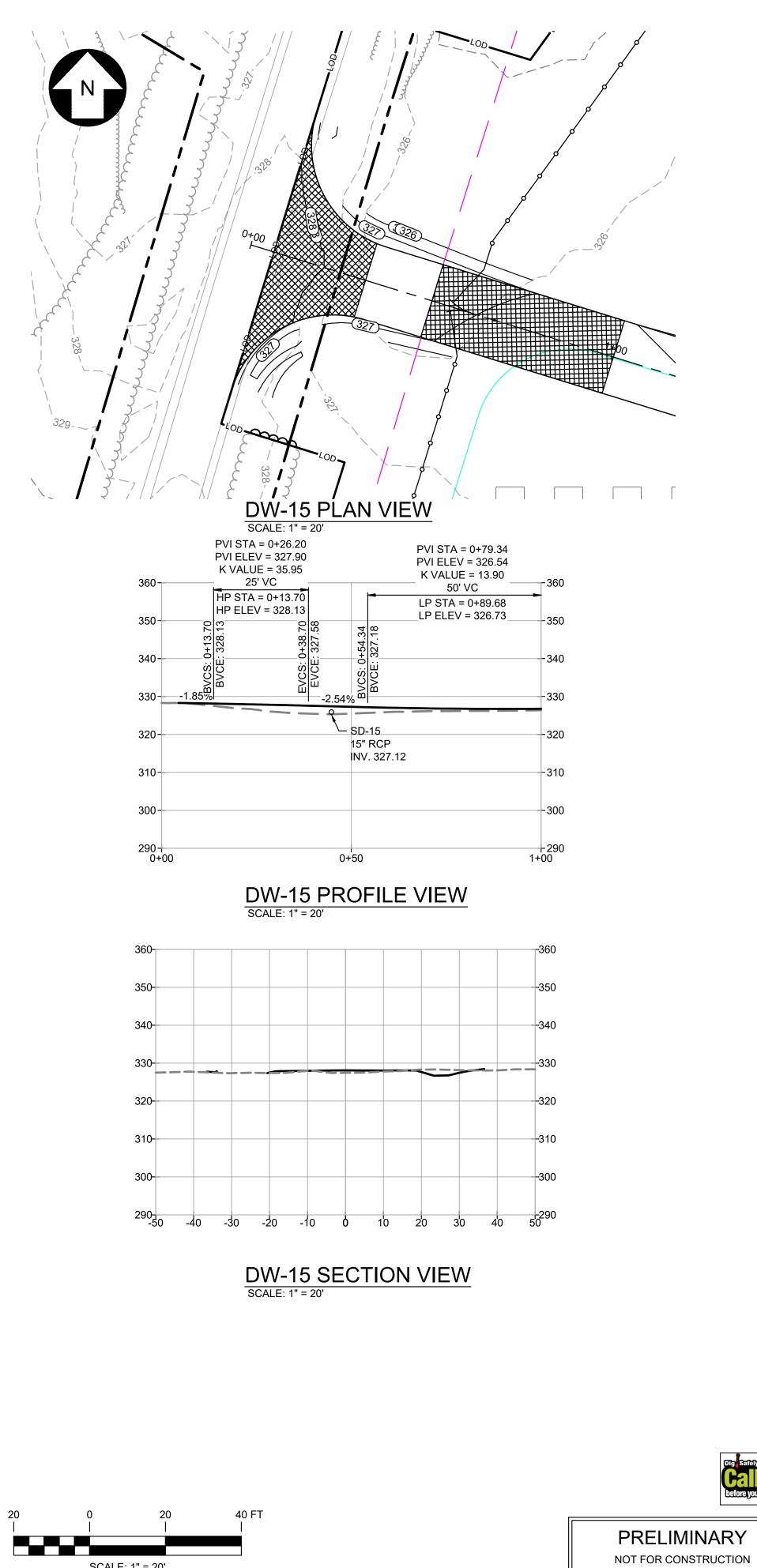


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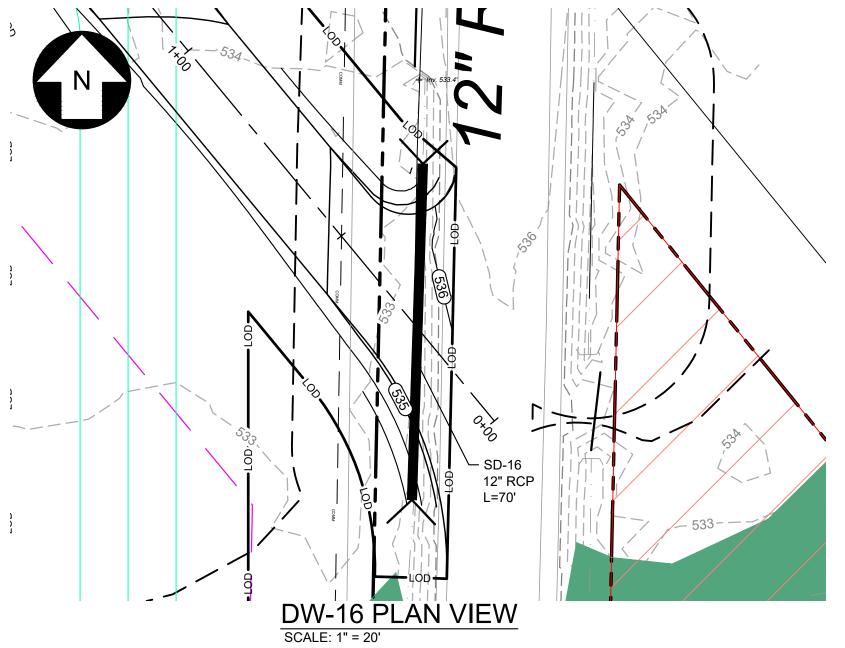


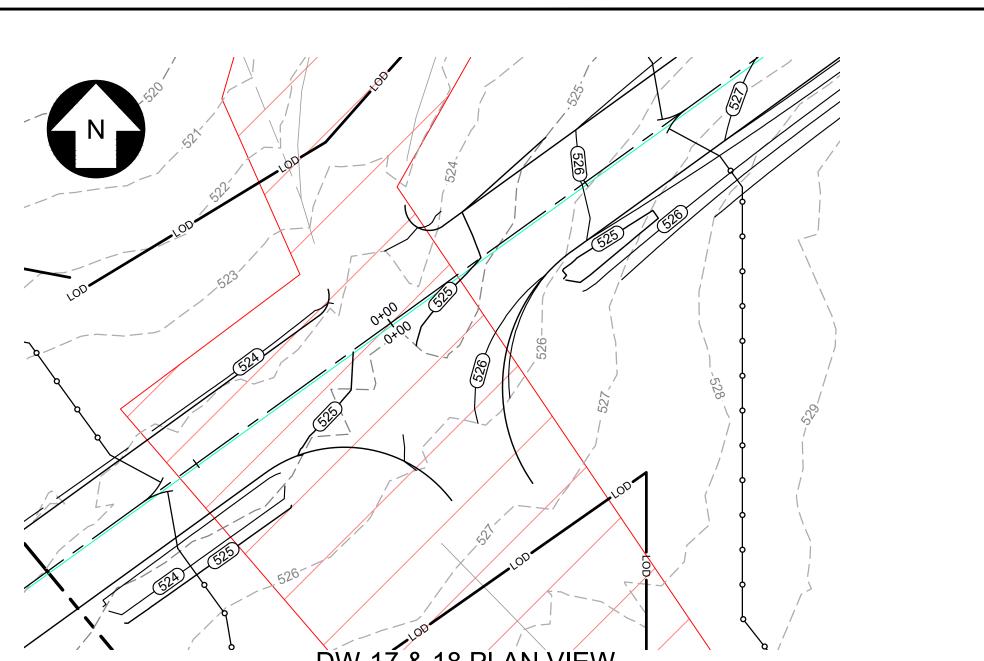


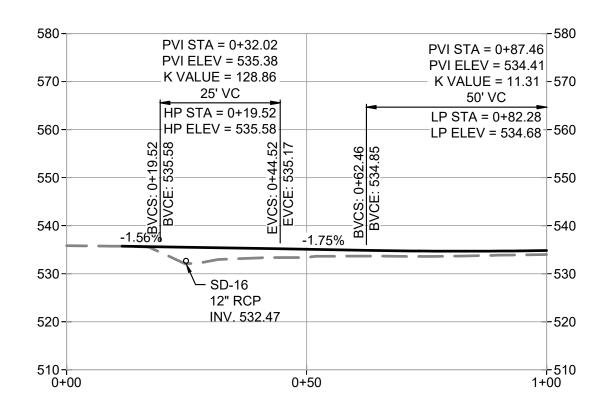




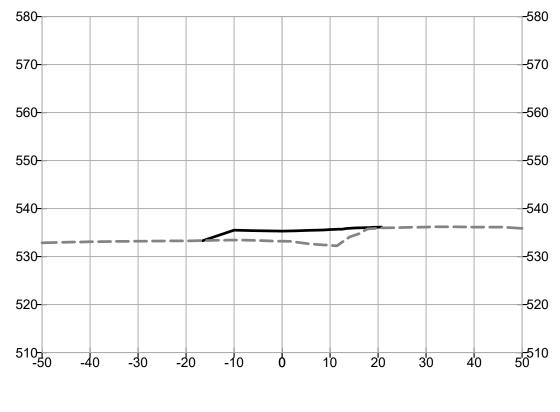
SCALE: 1" = 20'



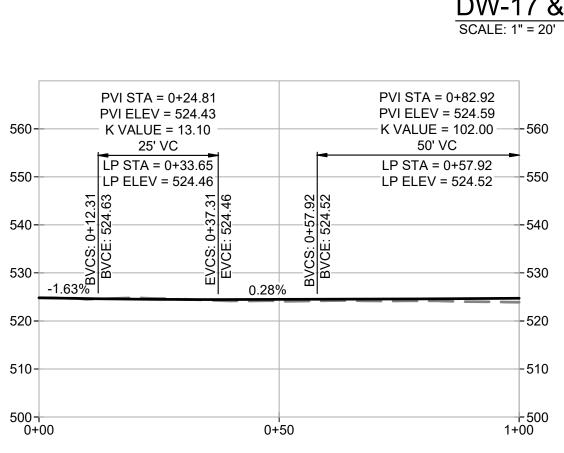


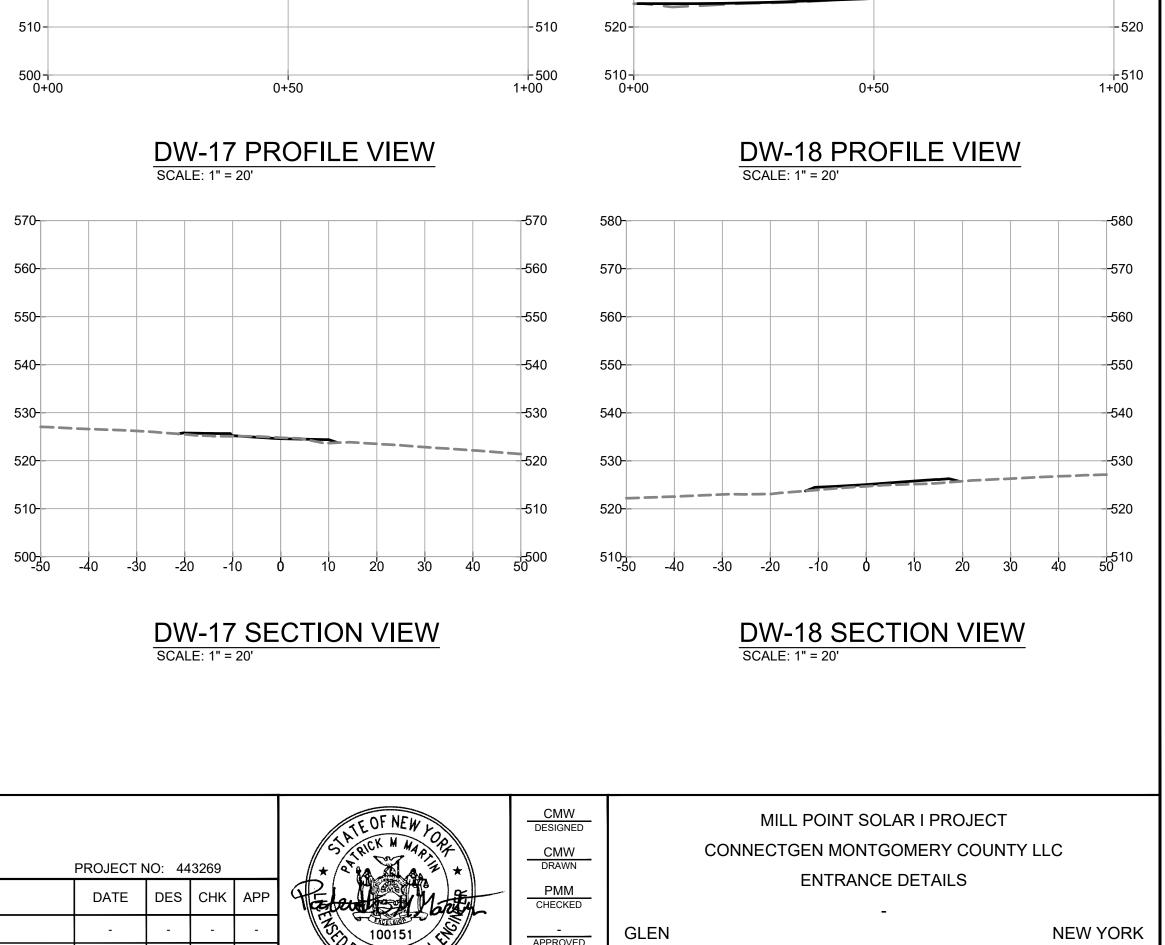


DW-16 PROFILE VIEW SCALE: 1" = 20'

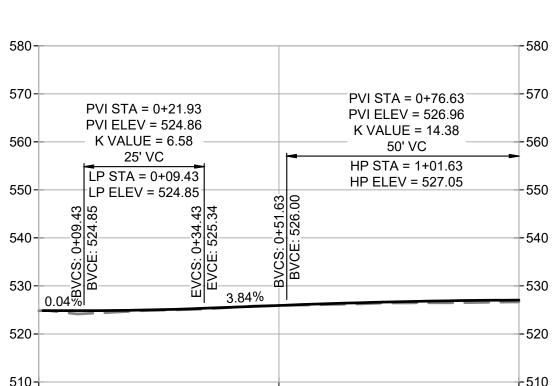


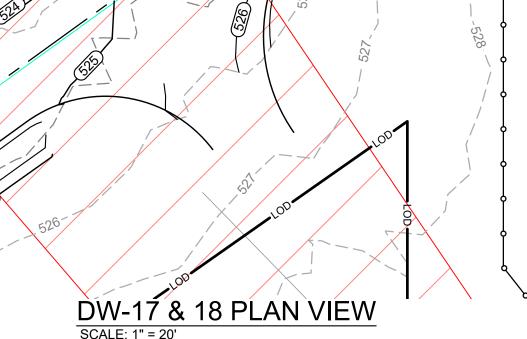
DW-16 SECTION VIEW SCALE: 1" = 20'

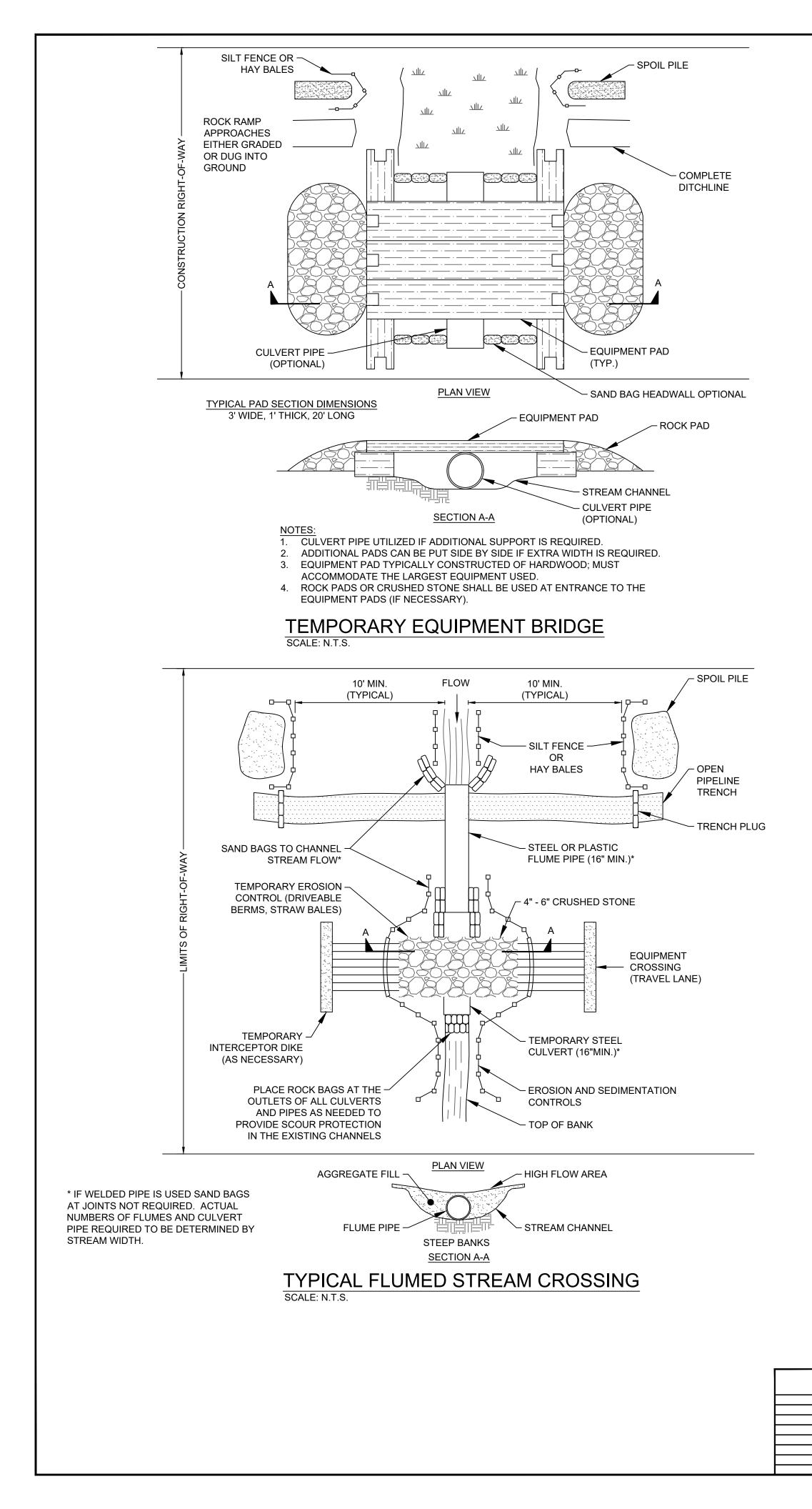


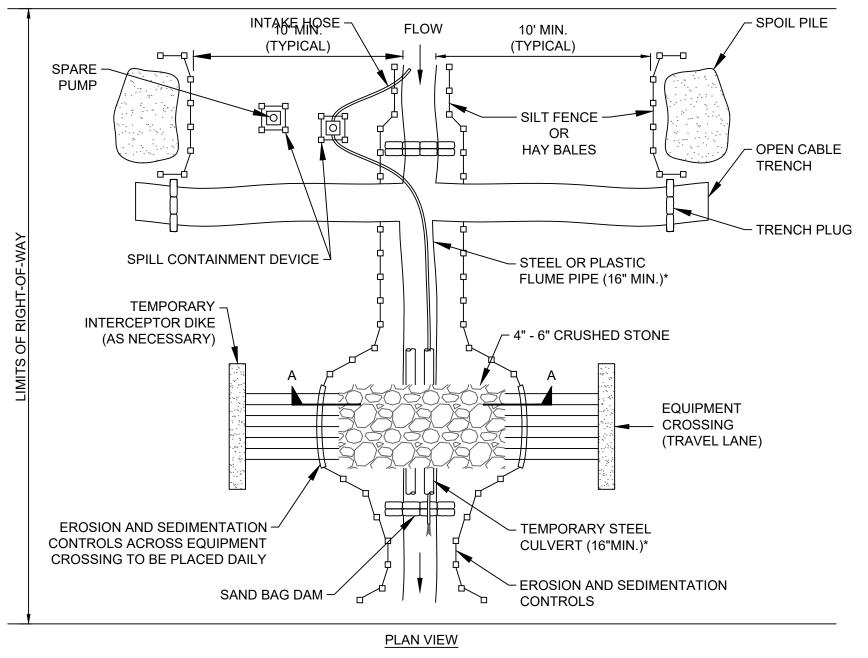


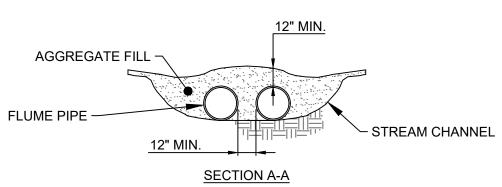
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	A ISSUED FOR 94-C		01/15/2024	CMW PM	IM PMM	1 1 1	- REVIEW 2	<u>1" = 20'</u> SCALE			











- EXCAVATE ACROSS STREAM CHANNEL FOLLOWING WATER RE-ROUTING.
- 2. LOWER PIPE UNDER HOSE AND BACKFILL.
- MONITOR PUMPS AT ALL TIMES DURING STREAM CROSSING PROCEDURE. 4. REMOVE SILT FENCE/HAY BALES ACROSS EQUIPMENT CROSSING AS NEEDED FOR
- ACCESS, AND REPLACE AT THE END OF EACH DAY.
- 5. NUMBER OF FLUME PIPES WILL VARY DEPENDING ON SITE CONDITIONS.

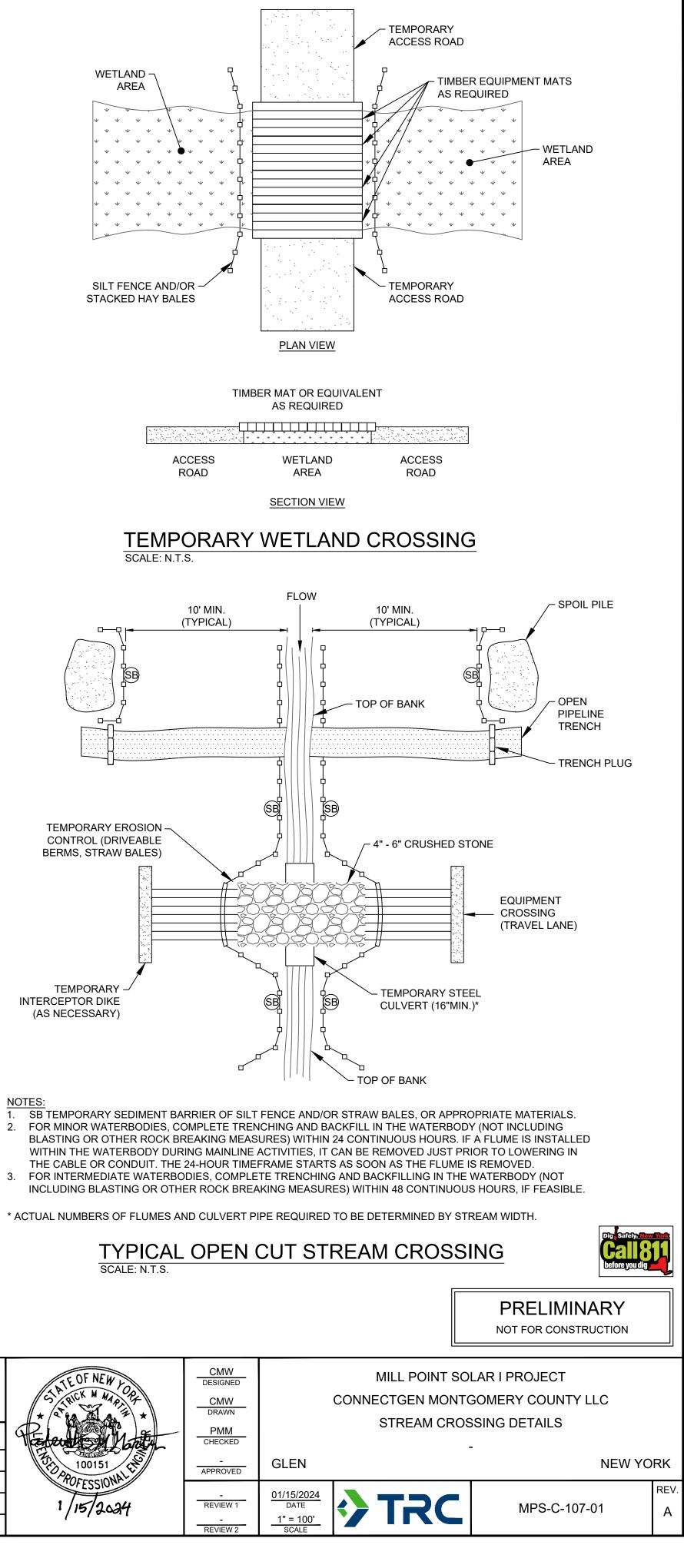
TYPICAL DAM & PUMP STREAM CROSSING

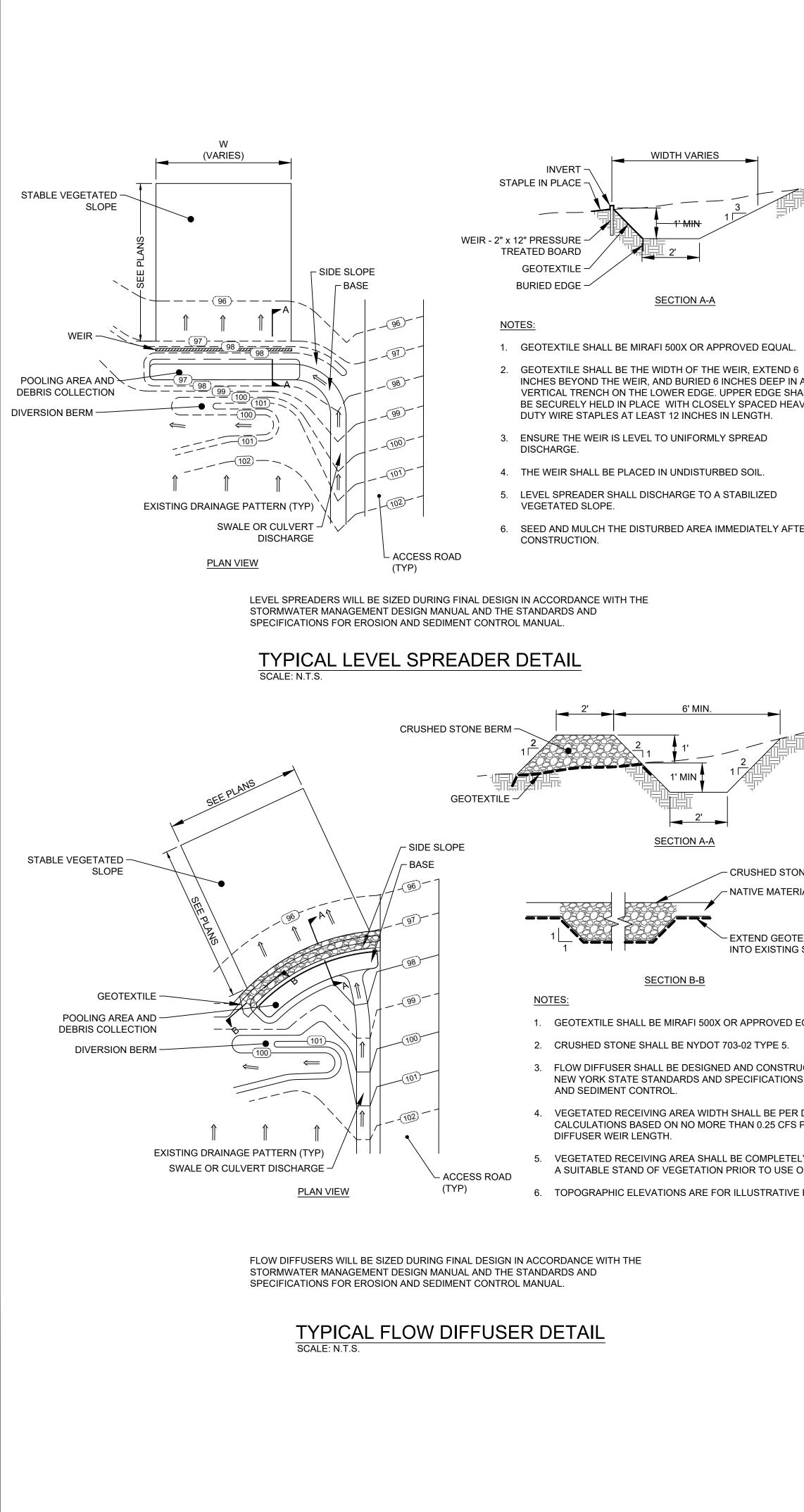
SCALE: N.T.S.

INTERCEPTOR DIKE (AS NECESSARY)

NOTES

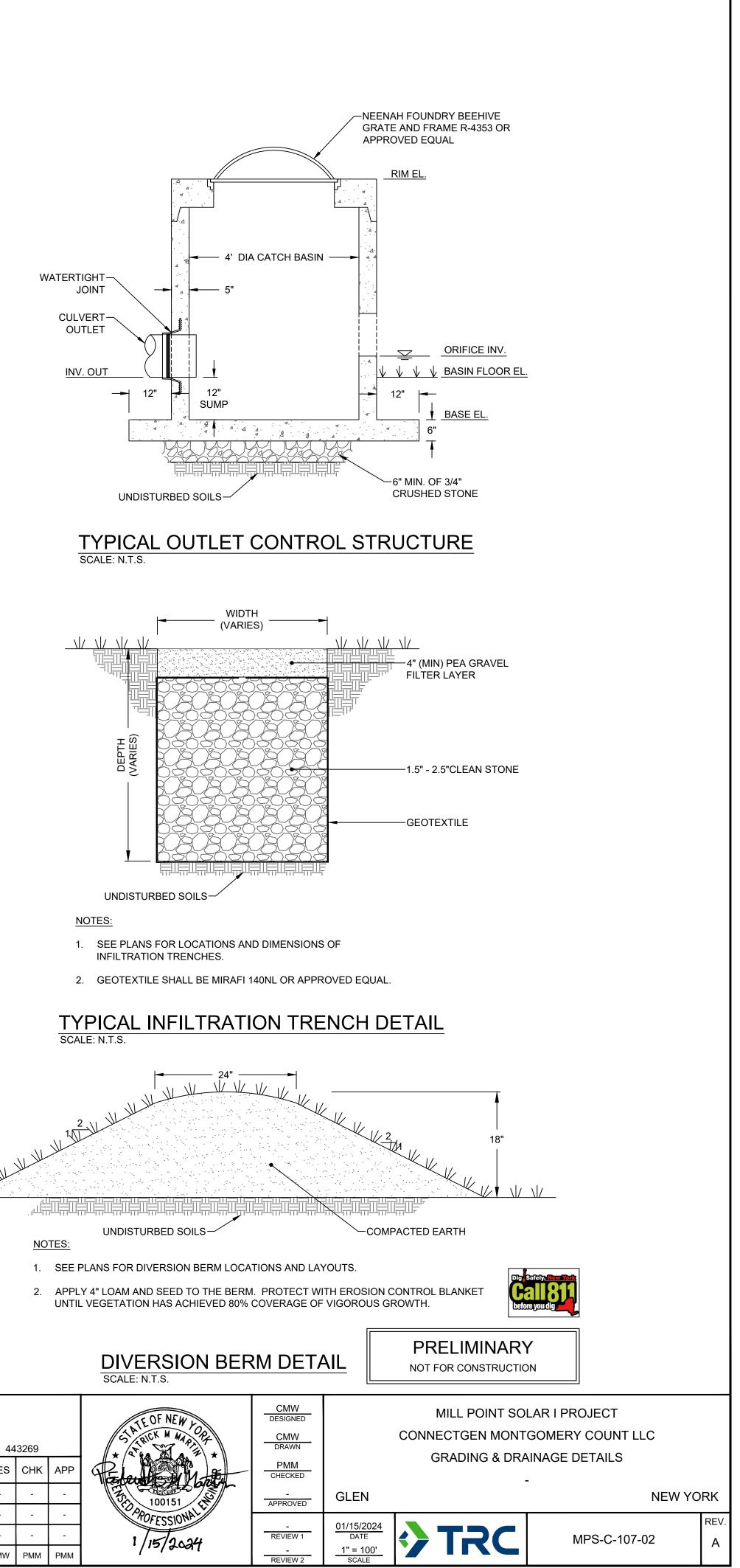
		249 Western Avenue Augusta, ME 04330	PROJECT N	NO: 44	3269		× 24
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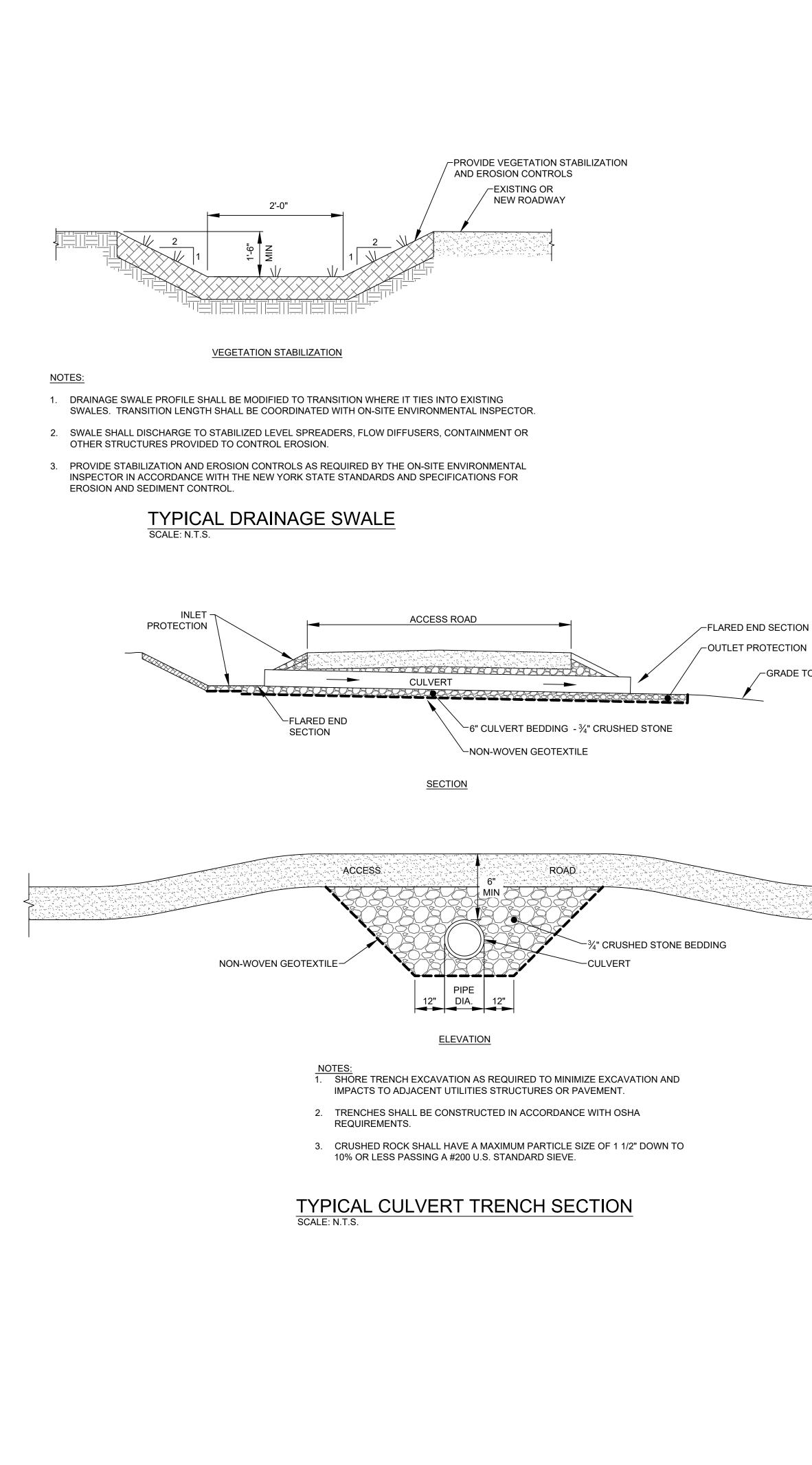


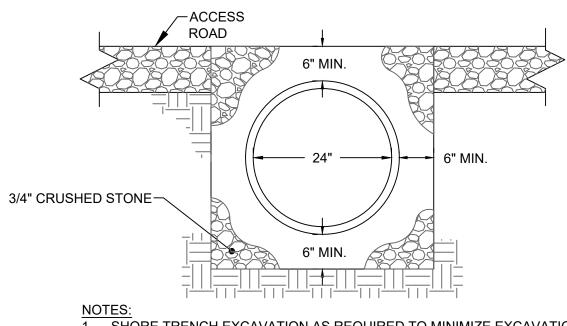


	-MATCH EXISTING GRADE	RUNOFF FROM ARRAY AREA	MATCH EXISTING GRADE
 6 N A HALL AVY		OUTLET ST	-2H:1V SLOPE (TYP) CONTROL- RUCTURE 4'-0"
TER	EMERGENCY SPILLWAY		CULVERT OUTLET
EXISTING GROUND	DURIN 2. APPLY CONT GROW	PLANS FOR DETENTION BASIN LOCATIONS AND LAYONG FINAL DESIGN. Y 4" LOAM AND SEED TO THE BASIN BOTTOM AND S TROL BLANKET UNTIL VEGETATION HAS ACHIEVED 8 VTH. YPICAL DETENTION BASIN ALE: N.T.S.	DES. PROTECT WITH EROSION 30% COVERAGE OF VIGOROUS
ONE BERM RIAL TEXTILE G SLOPE	12" OF RIPRAL	P	P OF BERM EL. LLWAY EL. 71 DETENTION BASIN
P EQUAL. RUCTED PER THE NS FOR EROSION R DIFFUSER DESIGN S PER FOOT OF	TOP OF BERM	3 1 9°(MIN) 1	3 RIPRAP D ₅₀ = 4"
ELY COVERED WITH E OF DIFFUSER. /E PURPOSES ONLY.		SEE PLANS FOR SPILLWAY LOCATIONS AND LAYOU	

			249 Western Avenue Augusta, ME 04330	PROJECT N	10: 4 ²
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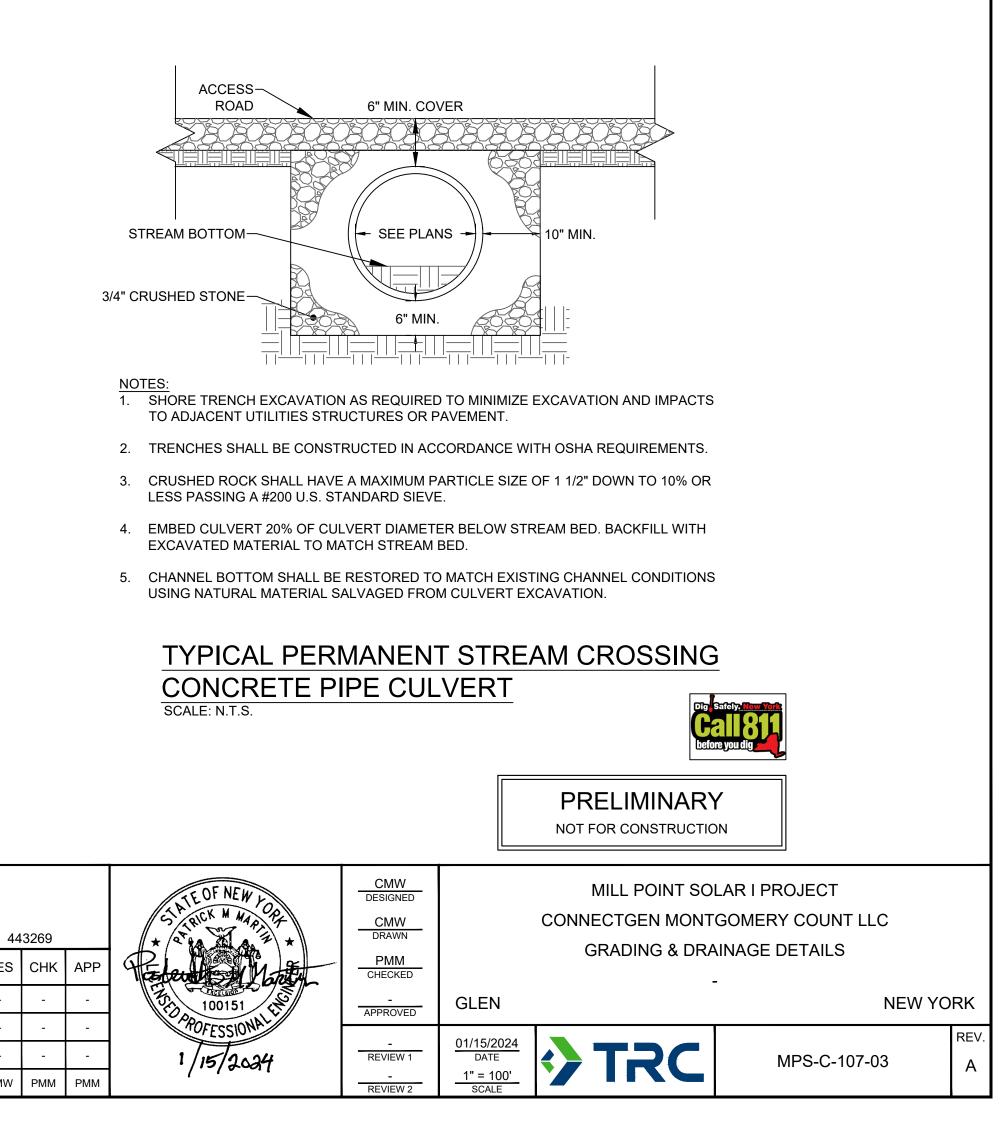
1. SHORE TRENCH EXCAVATION AS REQUIRED TO MINIMIZE EXCAVATION AND IMPACTS TO ADJACENT UTILITIES STRUCTURES OR PAVEMENT.

- 2. TRENCHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH OSHA REQUIREMENTS.
- 3. CRUSHED ROCK SHALL HAVE A MAXIMUM PARTICLE SIZE OF 1 1/2" DOWN TO 10% OR LESS PASSING A #200 U.S. STANDARD SIEVE.
- 4. CULVERT DIMENSIONS WILL BE DETERMINED DURING FINAL DESIGN.

TYPICAL PERMANENT ACCESS ROAD ENTRANCE CONCRETE PIPE CULVERT SCALE: N.T.S.

-GRADE TO DRAIN

			249 Western Avenue Augusta, ME 04330	PROJECT N	10: 4 [,]
	REFERENCE ITEMS	REV	DESCRIPTION	DATE	DES
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5. BOX CULVERT SHALL BE PRECAST REINFORCED CONCRETE, MEETING THE FOLLOWING CRITERIA: • CULVERT SHALL BE DESIGNED FOR HS-20 LOADING. • JOINTS FOR PRECAST SECTIONS SHALL BE TONGUE AND GROOVE TYPE AND SHALL BE SEALED

• LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUG AFTER THE BOX SECTIONS ARE IN PLACE.

TYPICAL PERMANENT STREAM CROSSING

WITH MASTIC OR SAND/CEMENT GROUT.

SCALE: N.T.S.

CONCRETE BOX CULVERT

- 4. WING WALLS, RIP-RAP AND OTHER PERMANENT FLOW DIVERTERS SHALL NOT BE INSTALLED WITHOUT PRIOR NYSDEC APPROVAL.
- 3. CHANNEL BOTTOM SHALL BE RESTORED TO MATCH EXISTING CHANNEL CONDITIONS USING NATURAL MATERIALS SALVAGED FROM BRIDGE EXCAVATION AREA.
- 2. EMBED CULVERT MIN. 20% OF HEIGHT BELOW STREAM BED. BACKFILL WITH EXCAVATED MATERIAL TO MATCH STREAM BED.



