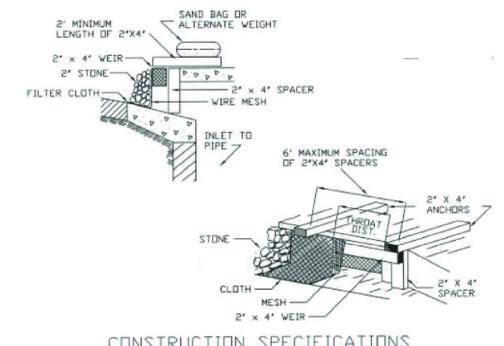
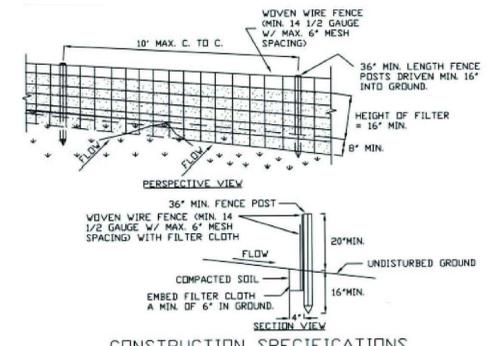
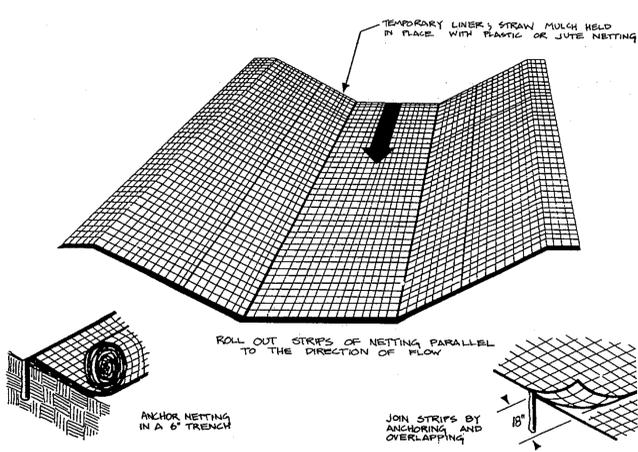


11. GRASS-LINED CHANNELS

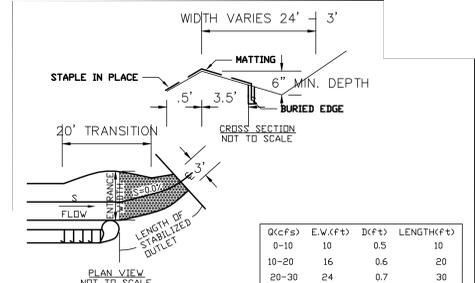
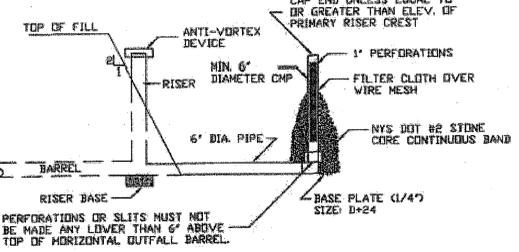
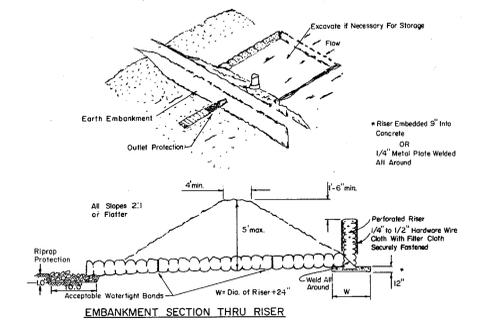
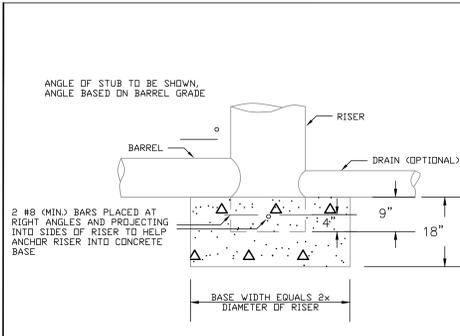
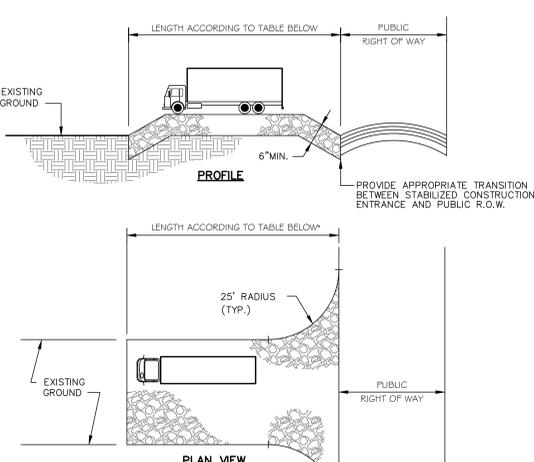


EXCAVATED GRASS OUTLET SEDIMENT TRAP
CONSTRUCTION SPECIFICATION FOR ST-II
 NTS
 1. Volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage area.
 2. Minimum crest width shall be 4 X Drainage Area.
 3. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/4 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.

CONSTRUCTION SPECIFICATIONS
 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER 1\"/>

CONSTRUCTION SPECIFICATIONS
 1. FILTER FABRIC SHALL HAVE AN EDS OF 40-95.
 2. WOODEN FRAME SHALL BE CONSTRUCTED OF 2\"/>

TEMPORARY GRASS OUTLET SEDIMENT TRAP



STABILIZED CONSTRUCTION ACCESS
 NOT TO SCALE
 NOTE: INDIVIDUAL LOT ACCESS POINTS MAY REQUIRE STABILIZATION. THICKNESS SHOWN IS FOR STONE CONSTRUCTION ENTRANCES ONLY (TYP.).

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 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 FLOATATION WITH A FACTOR OF SAFETY OF 1.2.

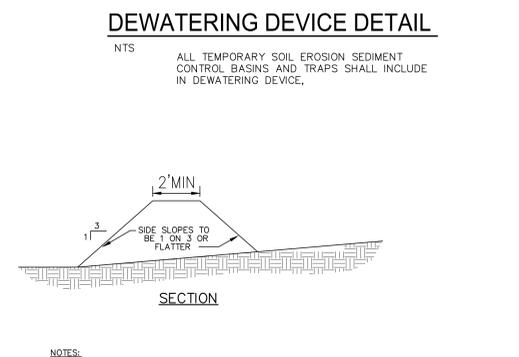
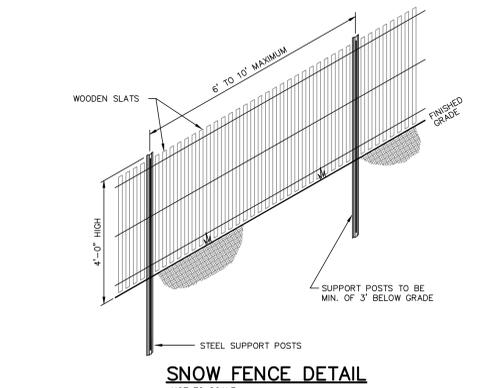
TEMPORARY PIPE OUTLET SEDIMENT TRAP

OPTIONAL SEDIMENT TRAP DEWATERING DEVICE - II
 TYPICAL STONE OUTLET SEDIMENT TRAP
 8\"/>

CONSTRUCTION SPECIFICATIONS
 1. THE MATTING SHOULD BE A MINIMUM OF 4FT. WIDE EXTENDING 6 INCHES OVER THE LIP AND BURIED 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SDD AND BE SECURELY HELD IN PLACE WITH CLOSELY SPACED HEAVY DUTY WIRE STAPLES AT LEAST 12 INCHES IN LENGTH.
 2. ENSURE THAT THE LIP IS LEVEL TO UNIFORMLY SPREAD DISCHARGE.
 3. THE LIP SHALL BE CONSTRUCTED ON UNDISTURBED SOIL NOT FILL.
 4. A 20 FOOT TRANSITION SECTION WILL BE CONSTRUCTED FROM THE DIVERSION CHANNEL TO THE SPREADER TO SMOOTHLY BLEND THE DIFFERENT DIMENSION AND GRADES.
 5. THE RUNOFF DISCHARGE WILL BE OUTLETED ONTO A STABILIZED VEGETATED SLOPE NOT EXCEEDING 10%.
 6. SEED AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.

DESIGN CRITERIA
 STONE SIZE - USE ASTM C-33, SIZE No. 2 (2 1/2 TO 1 1/2\") OR 3 (2 TO 1\"/>

RISER BASE DETAIL SEDIMENT BASIN



LEVEL SPREADER DETAIL

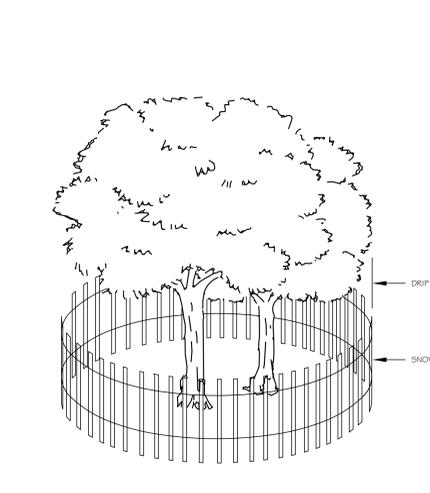


TABLE OF LENGTHS OF CONSTRUCTION EXITS ON SLOPING ROAD BEDS

LENGTH OF STONE REQUIRED		
PERCENT SLOPE OF ROADWAY	COARSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 ft.	100ft.
2 TO 5%	100ft.	200ft.
> 5%	ENTIRE SURFACE STABILIZED WITH FABC BASE COURSE	

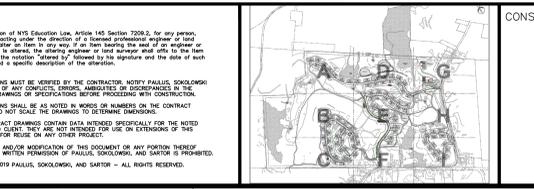
1. AS PRESCRIBED BY LOCAL ORDINANCE OR OTHER GOVERNING AUTHORITY.

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 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 FLOATATION WITH A FACTOR OF SAFETY OF 1.2.

SNOW FENCE DETAIL
 NOT TO SCALE
 NOTE: ALL TEMPORARY SCS DEVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS OF NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL OR NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

DEWATERING DEVICE DETAIL
 NTS
 ALL TEMPORARY SOIL EROSION SEDIMENT CONTROL BASINS AND TRAPS SHALL INCLUDE IN DEWATERING DEVICE.

LEVEL SPREADER DETAIL
 NTS
 1. THE MATTING SHOULD BE A MINIMUM OF 4FT. WIDE EXTENDING 6 INCHES OVER THE LIP AND BURIED 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SDD AND BE SECURELY HELD IN PLACE WITH CLOSELY SPACED HEAVY DUTY WIRE STAPLES AT LEAST 12 INCHES IN LENGTH.
 2. ENSURE THAT THE LIP IS LEVEL TO UNIFORMLY SPREAD DISCHARGE.
 3. THE LIP SHALL BE CONSTRUCTED ON UNDISTURBED SOIL NOT FILL.
 4. A 20 FOOT TRANSITION SECTION WILL BE CONSTRUCTED FROM THE DIVERSION CHANNEL TO THE SPREADER TO SMOOTHLY BLEND THE DIFFERENT DIMENSION AND GRADES.
 5. THE RUNOFF DISCHARGE WILL BE OUTLETED ONTO A STABILIZED VEGETATED SLOPE NOT EXCEEDING 10%.
 6. SEED AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.



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 PROFESSIONAL ENGINEER
 NEW YORK, L.I.C. NO. 086749

DRAFT

SIGNATURE DATE

REVISIONS/ISSUES

REV	DATE	DESCRIPTION

PROJECT TITLE
 PRELIMINARY & FINAL SITE PLAN
Gan-Eden Estates
 TOWN OF THOMPSON SULLIVAN COUNTY NEW YORK

TAX LOT
 SECTION 2,
 BLOCK 1/ LOT 6.3

SHEET TITLE
SOIL EROSION AND SEDIMENT CONTROL DETAILS

INITIAL DATE
 OCT. 15, 2019

JOB NO.
 01895.0053

SCALE
 NOT TO SCALE

DRAWN
 C.Y./F.M.

SHEET NO.
C-22

CHKD.
 L.A.D.

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