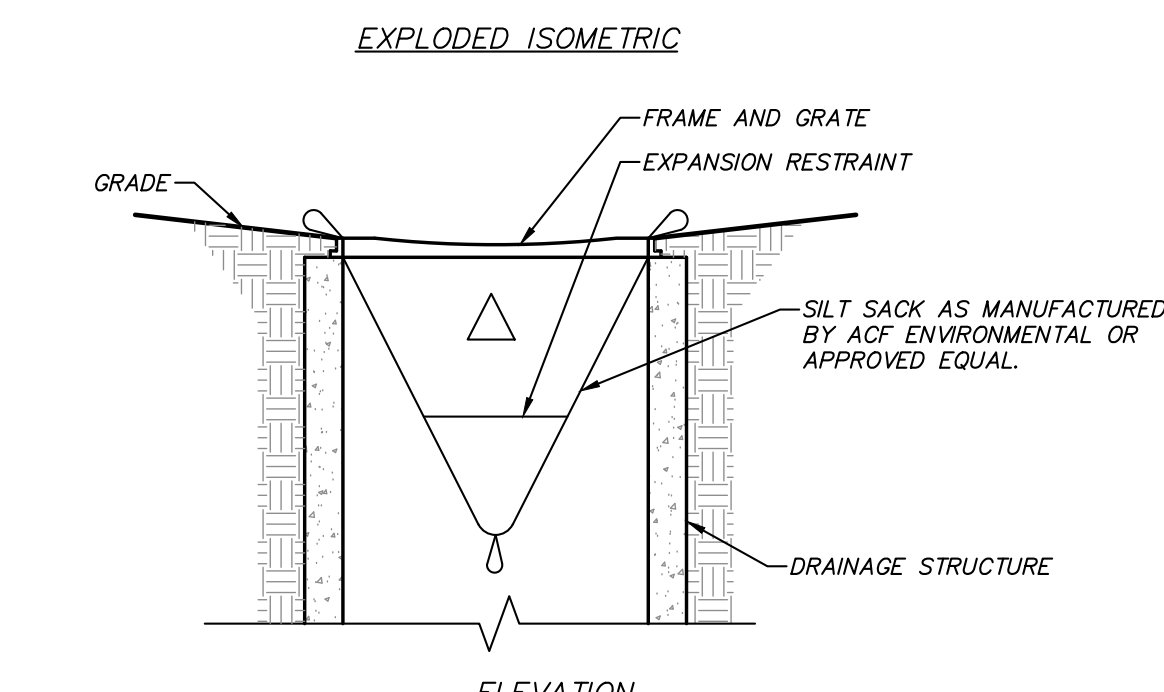
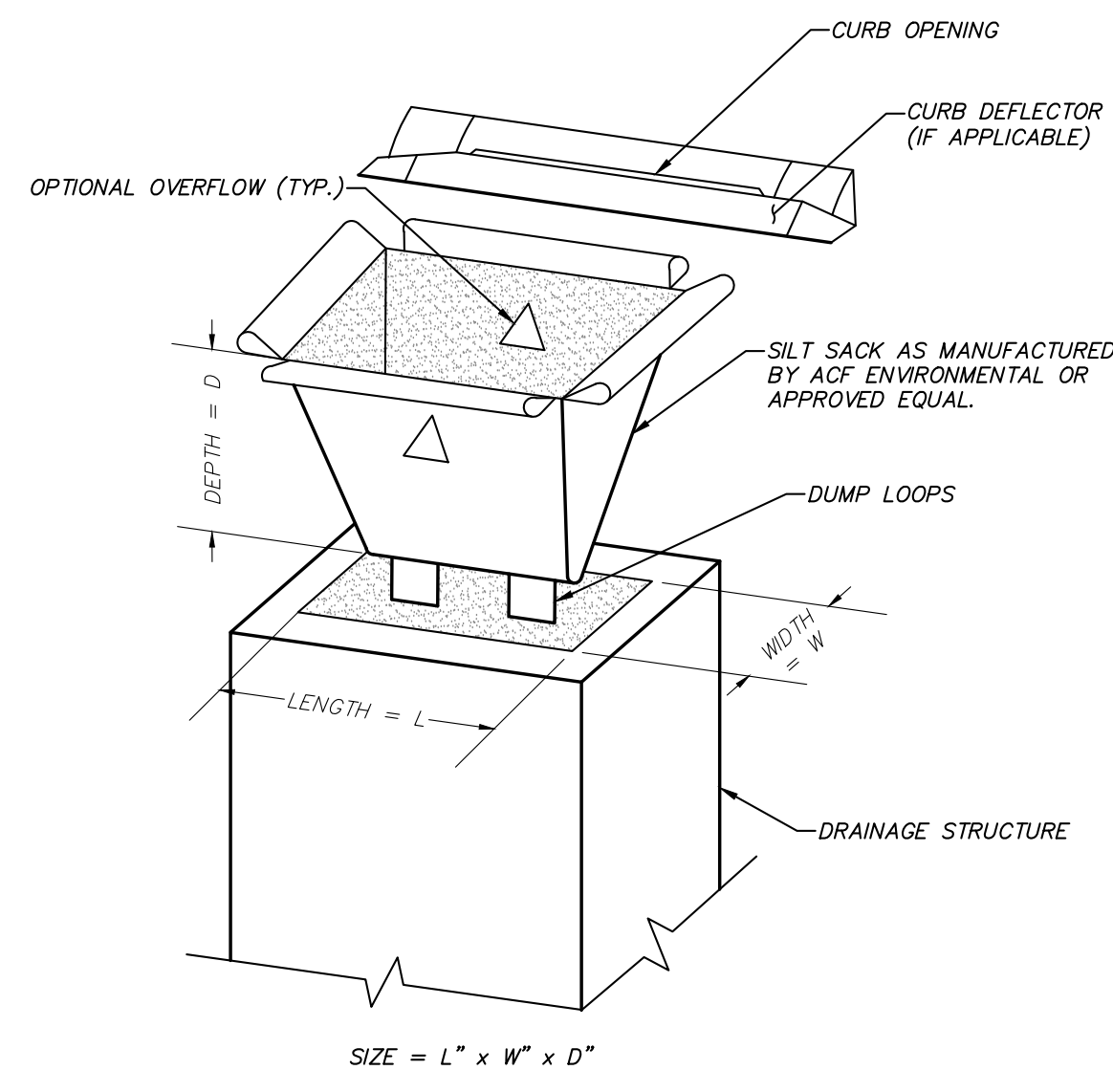


**EROSION & SEDIMENT CONTROL NOTES:**

- The Erosion and Sediment Control Plan is only to be referred to for the installation of erosion and sediment control measures. For all other construction related activities, including, but not limited to, grading and utilities, refer to the appropriate drawings.
- Each contractor or subcontractor responsible for soil disturbance shall have a NYSDEC trained contractor onsite during soil disturbing activities. The NYSDEC trained contractor will be responsible to comply with the stormwater pollution prevention plan and for the implementation and maintenance of erosion and sediment control measures on this site prior to and during construction. The NYSDEC trained contractor shall sign a certification statement required by GP-0-20-001.
- All construction activities involving the removal or disposal of soil are to be provided with appropriate protective measures to minimize erosion and contain sediment disposal within. Minimum soil erosion and sediment control measures shall be implemented as shown on the plans and shall be installed in accordance with "New York Standards and Specifications for Erosion and Sediment Control," latest edition.
- Wherever feasible, natural vegetation should be retained and protected. Disturbance shall be minimized in the areas required to perform construction. No more than 3 acres of unprotected soil shall be exposed at any one time.
- When land is exposed during development, the exposure shall be kept to the shortest practical period of time, but in no case more than 7 days after the construction activity in that portion of the site has ceased. Disturbance shall be minimized in the areas required to perform construction.
- All construction vehicles shall be kept clear of the watercourses and wetland control areas outside the areas of proposed development. Silt fence and orange construction fence shall be installed prior to commencement with land disturbing activities, and areas of disturbance shall be limited to the shortest period of time as practicable.
- Description of erosion and sediment control practices: This plan, and details / notes shown hereon serve to satisfy this SWPPP requirement.
- Temporary and permanent soil stabilization plan: The Sedimentation and Erosion Control Notes and Details provided herein identify temporary and permanent stabilization measures to be employed with respect to specific elements of the project, and at the various stages of development.
- Site map / construction drawing: This plan serves to satisfy this SWPPP requirement.
- The dimensions, material specifications, installation details, and operation and maintenance requirements for all erosion and sediment control practices: The details, Erosion and Sediment Control Notes, and Erosion and Sediment Control Maintenance Schedule serve to satisfy this SWPPP requirement.
- An inspection schedule: Inspections are to be performed twice weekly and by a qualified professional as required by the General Permit GP-0-20-001. In addition the NYSDEC Trained Contractor shall perform additional inspections as cited in the Sedimentation and Erosion Control Notes.
- A description of pollution prevention measures that will be used to control filter, construction chemicals and construction debris: In general, all construction litter / debris shall be collected and removed from the site. The general contractor shall supply either waste barrels or dumpster for proper waste disposal. Any construction chemicals utilized during construction shall either be removed from site daily by the contractor or stored in a structurally sound and weatherproof building. No hazardous waste shall be disposed of onsite, and shall ultimately be disposed of in accordance with all federal, state and local regulations. Material Safety Data Sheets (MSDS), material inventory, and emergency contact numbers shall be maintained by the general contractor for all construction chemicals utilized onsite. Finally, temporary sanitary facilities (portable toilets) shall be provided onsite during the entire length of construction, and inspected weekly for evidence of leaking holding tanks.
- A description and location of any stormwater discharges associated with industrial activity other than construction at the site: There are no known industrial stormwater discharges present or proposed at the site.
- Identification of any elements of the design that are not in conformance with the technical standards, "New York Standards and Specifications for Erosion and Sediment Control." All proposed elements of this SWPPP have been designed in accordance with the "New York Standards and Specifications for Erosion and Sediment Control."
- Pursuant to the NYSDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (GP-0-20-001), all construction practices needing post-construction stormwater management practices shall prepare a SWPPP that also includes practices designed in conformance with the most current version of the technical standard, New York State Stormwater Management Manual ("Design Manual"). Where post-construction stormwater management practices are not designed in conformance with this technical standard, the owner or operator must demonstrate the technical standard to the technical standard. The following list of SWPPP components is provided in accordance with Part III.B.20-f and III.B.3:
- Identification of all post-construction stormwater management practices to be constructed as part of the project; This plan, and details/notes shown hereon serve to satisfy this SWPPP requirement.
- A site map/construction drawing(s) showing the specific location and size of each post-construction stormwater management practice; This plan, and details/notes shown hereon serve to satisfy this SWPPP requirement.
- A Stormwater Modeling and Analysis Report including pre-development conditions, post-development conditions, the results of the stormwater modeling, a summary table demonstrating that each practice has been designed in conformance with the sizing criteria, identification of and justification for any deviations from the Design Manual, and identification of any design criteria that are not required. The required analysis is provided in the report titled Amended Stormwater Pollution Prevention Plan for St. Denis Community School.
- Soil testing results and locations. This SWPPP requirement is provided in the report titled Amended Stormwater Pollution Prevention Plan for St. Denis Community School.
- Infiltration testing results. This SWPPP requirement is provided in the report titled Amended Stormwater Pollution Prevention Plan for St. Denis Community School.
- An operations and maintenance plan that includes inspection and maintenance schedules and actions to ensure continuous and effective operation of each post-construction stormwater management practice. The plan shall identify the entity that will be responsible for the long term operation and maintenance of each practice. The Permanent Stormwater Facilities Maintenance Schedule provided on these plans serves to satisfy this requirement.

**REQUIRED SWPPP CONTENTS PER GP-0-20-001:**

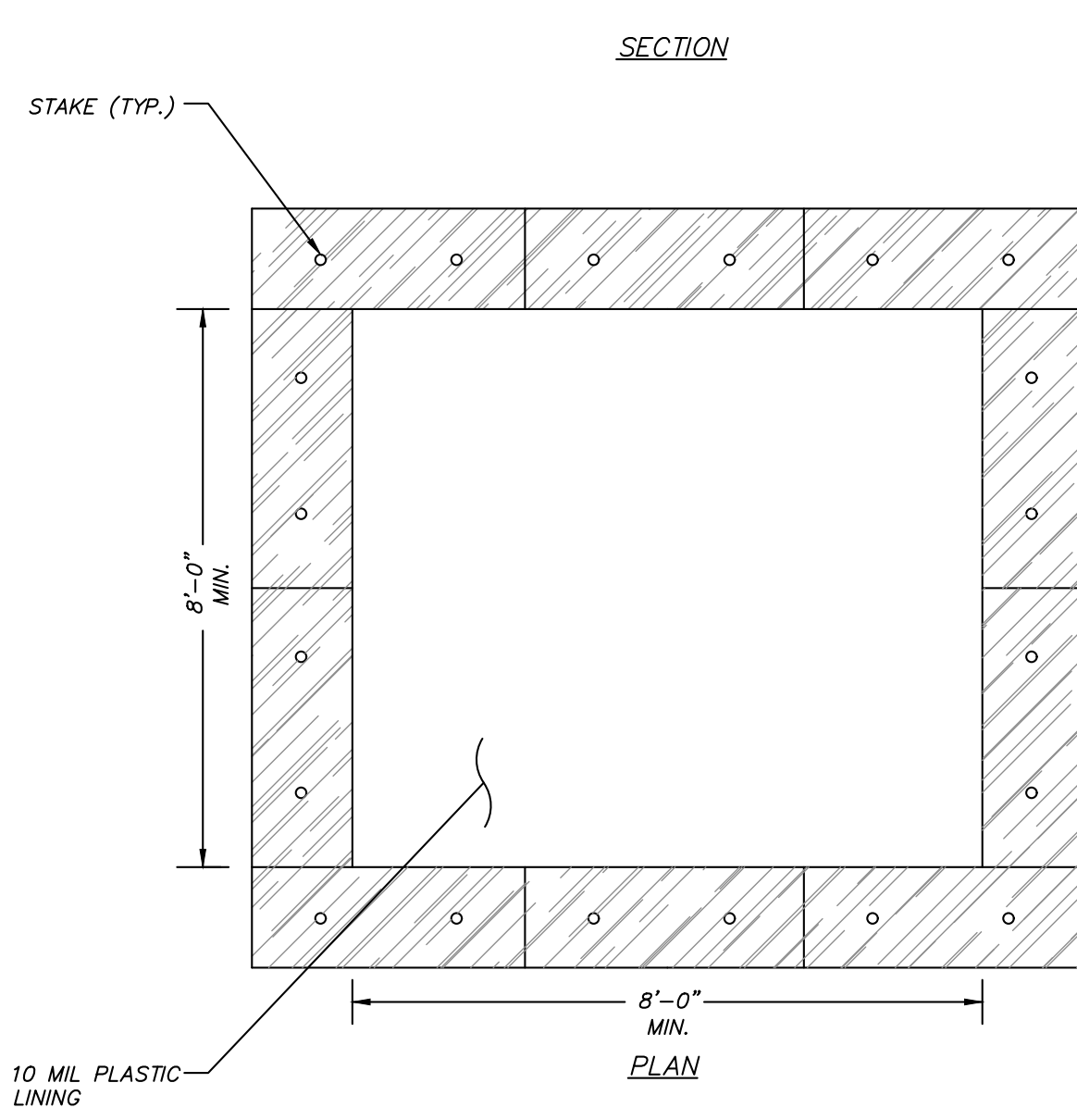
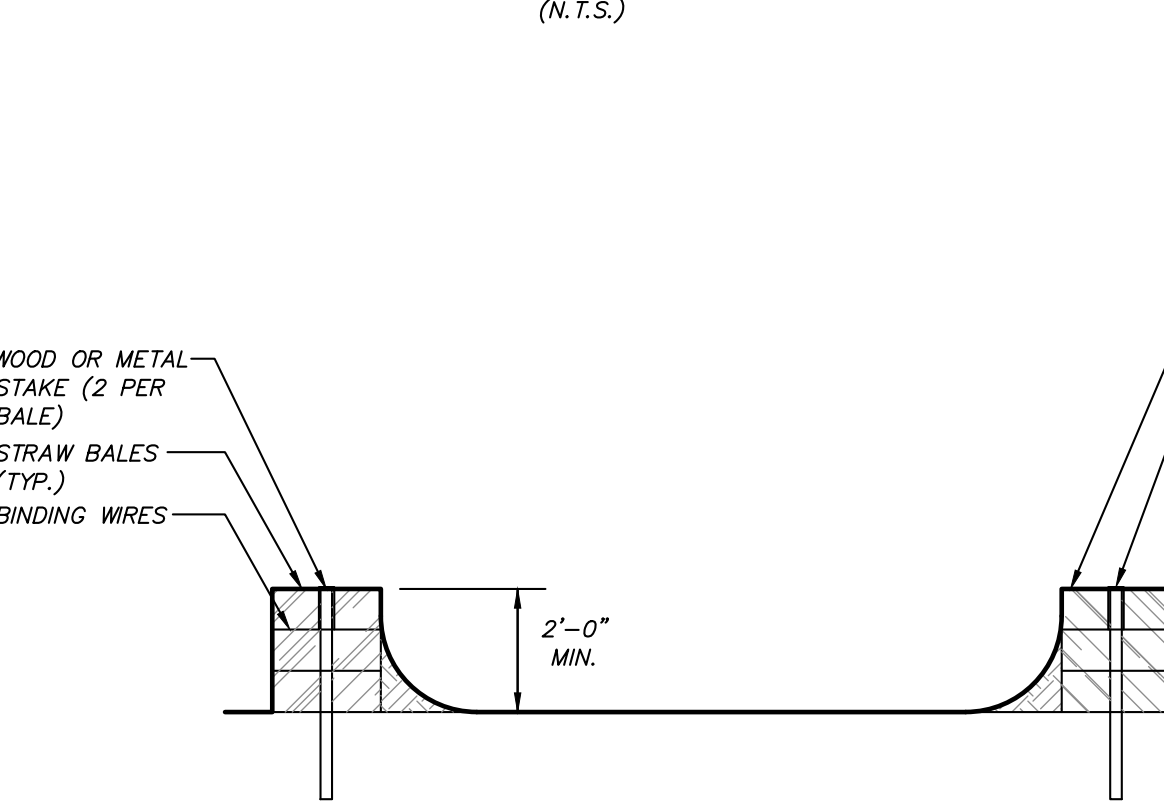
- Pursuant to the NYSDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (GP-0-20-001), all Stormwater Pollution Prevention Plan's (SWPPP) shall include erosion and sediment control practices designed in conformance with the most current version of the technical standard, "New York Standards and Specifications for Erosion and Sediment Control," where erosion and sediment control practices are not designed in conformance with this technical standard, the owner or operator must demonstrate equivalence to the technical standard. The following list of required SWPPP components is provided in accordance with Part III.B.1a-1 of General Permit GP-0-20-001:
- Background Information: The subject project consists of the redevelopment of the existing school, rectory and convent into a proposed school, parking lot, and play area.
- Site map / construction drawing: These plans serve to satisfy this SWPPP requirement.
- Description of the soils present at the site: Onsite soils located within the proposed limits of disturbance consist of Urban Land (U), as identified on the Soil Conservation Service Web Soil Survey. This soil type belongs to the Hydrologic Soil Group "C".
- Construction phasing plan / sequence of operations: The Construction Sequence and Phasing found on these plans provide the required phasing. A Construction Sequence and Erosion and Sediment Control Maintenance Schedule has been provided. The Sedimentation and Erosion Control Notes contained herein outline a general sequence of operations for the proposed project. In general all erosion and sediment control facilities shall be installed prior to commencement with land disturbing activities, and areas of disturbance shall be limited to the shortest period of time as practicable.
- Description of erosion and sediment control practices: This plan, and details / notes shown hereon serve to satisfy this SWPPP requirement.
- Temporary and permanent soil stabilization plan: The Sedimentation and Erosion Control Notes and Details provided herein identify temporary and permanent stabilization measures to be employed with respect to specific elements of the project, and at the various stages of development.
- Site map / construction drawing: This plan serves to satisfy this SWPPP requirement.
- The dimensions, material specifications, installation details, and operation and maintenance requirements for all erosion and sediment control practices: The details, Erosion and Sediment Control Notes, and Erosion and Sediment Control Maintenance Schedule serve to satisfy this SWPPP requirement.
- An inspection schedule: Inspections are to be performed twice weekly and by a qualified professional as required by the General Permit GP-0-20-001. In addition the NYSDEC Trained Contractor shall perform additional inspections as cited in the Sedimentation and Erosion Control Notes.
- A description of pollution prevention measures that will be used to control filter, construction chemicals and construction debris: In general, all construction litter / debris shall be collected and removed from the site. The general contractor shall supply either waste barrels or dumpster for proper waste disposal. Any construction chemicals utilized during construction shall either be removed from site daily by the contractor or stored in a structurally sound and weatherproof building. No hazardous waste shall be disposed of onsite, and shall ultimately be disposed of in accordance with all federal, state and local regulations. Material Safety Data Sheets (MSDS), material inventory, and emergency contact numbers shall be maintained by the general contractor for all construction chemicals utilized onsite. Finally, temporary sanitary facilities (portable toilets) shall be provided onsite during the entire length of construction, and inspected weekly for evidence of leaking holding tanks.
- A description and location of any stormwater discharges associated with industrial activity other than construction at the site: There are no known industrial stormwater discharges present or proposed at the site.
- Identification of any elements of the design that are not in conformance with the technical standards, "New York Standards and Specifications for Erosion and Sediment Control." All proposed elements of this SWPPP have been designed in accordance with the "New York Standards and Specifications for Erosion and Sediment Control."
- Pursuant to the NYSDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (GP-0-20-001), all construction practices needing post-construction stormwater management practices shall prepare a SWPPP that also includes practices designed in conformance with the most current version of the technical standard, New York State Stormwater Management Manual ("Design Manual"). Where post-construction stormwater management practices are not designed in conformance with this technical standard, the owner or operator must demonstrate the technical standard to the technical standard. The following list of SWPPP components is provided in accordance with Part III.B.20-f and III.B.3:
- Identification of all post-construction stormwater management practices to be constructed as part of the project; This plan, and details/notes shown hereon serve to satisfy this SWPPP requirement.
- A site map/construction drawing(s) showing the specific location and size of each post-construction stormwater management practice; This plan, and details/notes shown hereon serve to satisfy this SWPPP requirement.
- A Stormwater Modeling and Analysis Report including pre-development conditions, post-development conditions, the results of the stormwater modeling, a summary table demonstrating that each practice has been designed in conformance with the sizing criteria, identification of and justification for any deviations from the Design Manual, and identification of any design criteria that are not required. The required analysis is provided in the report titled Amended Stormwater Pollution Prevention Plan for St. Denis Community School.
- Soil testing results and locations. This SWPPP requirement is provided in the report titled Amended Stormwater Pollution Prevention Plan for St. Denis Community School.
- Infiltration testing results. This SWPPP requirement is provided in the report titled Amended Stormwater Pollution Prevention Plan for St. Denis Community School.
- An operations and maintenance plan that includes inspection and maintenance schedules and actions to ensure continuous and effective operation of each post-construction stormwater management practice. The plan shall identify the entity that will be responsible for the long term operation and maintenance of each practice. The Permanent Stormwater Facilities Maintenance Schedule provided on these plans serves to satisfy this requirement.



NOTE: FABRIC FOR INSERT SHALL MEET THE FOLLOWING:

FABRIC PROPERTIES	MINIMUM ACCEPTABLE VALUE	TEST METHOD
Grab Tensile Strength (lbs)	110	ASTM D 4632
Mullen Burst Strength (PSI)	300	ASTM D 3786
Puncture Strength (lbs)	60	ASTM D 4833
Minimum Trapezoidal Tear Strength (lbs)	50	ASTM D 4533
Flow Through Rate (gal/min/ft)	25	ASTM D 4491
Equivalent Opening Size	40-80	US Std Sieve ASTM D 4751

**MANUFACTURED INSERT INLET PROTECTION DETAIL (N.T.S.)**

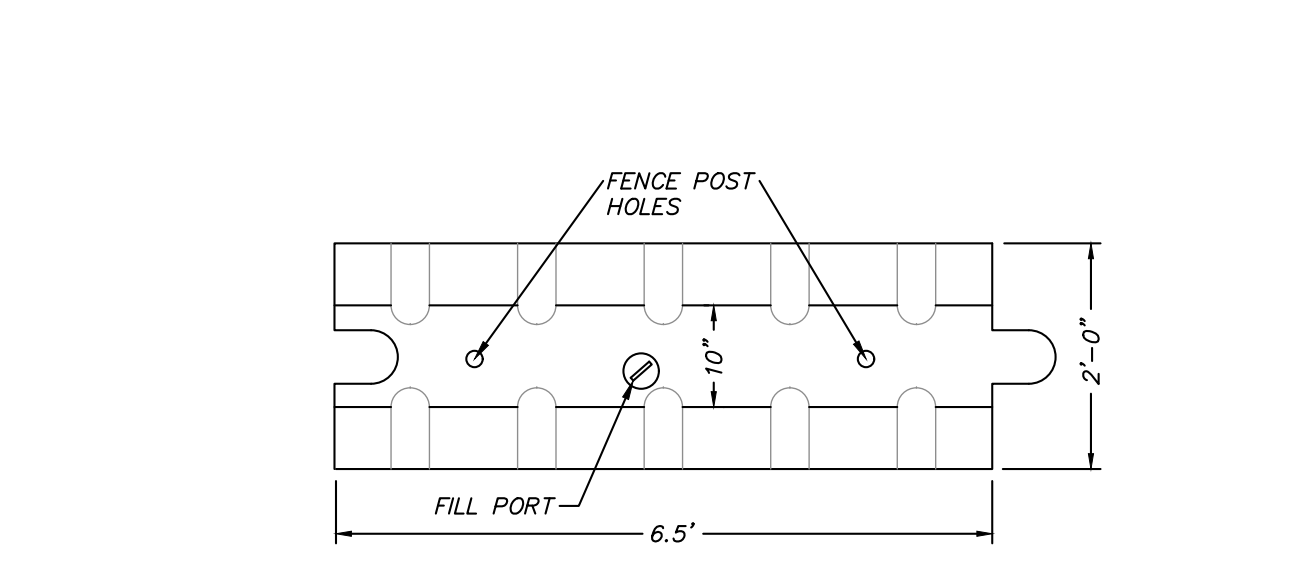


- CONCRETE WASHOUT AREA DETAIL (N.T.S.)**
- NOTES:
- TEMPORARY CONCRETE WASHOUT TYPE ABOVE GRADE WILL BE CONSTRUCTED AS SHOWN ABOVE, WITH RECOMMENDED MINIMUM LENGTH AND MINIMUM WIDTH OF 8 FT.
  - THE WASHOUT WILL BE MINIMUM OF 100 FT FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS AND OTHER SENSITIVE AREAS.
  - PLASTIC LINING WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.

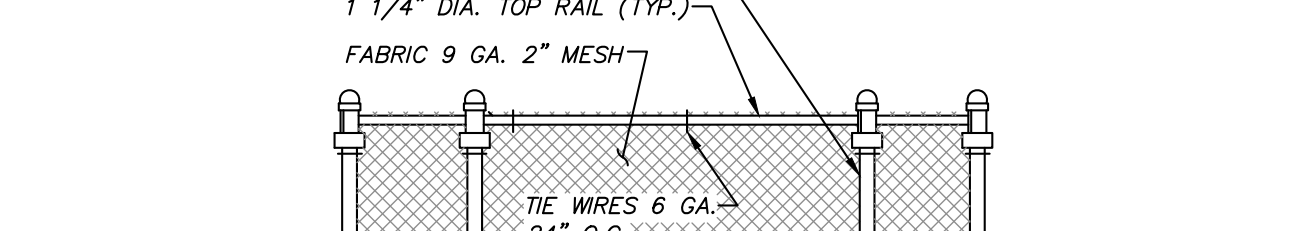
**EROSION AND SEDIMENT CONTROL MAINTENANCE SCHEDULE**

PRACTICE	MONITORING REQUIREMENTS			MAINTENANCE REQUIREMENTS	
	DAILY	WEEKLY	AFTER RAINFALL	DURING CONSTRUCTION	AFTER CONSTRUCTION
SILT FENCE BARRIER	-	Inspect	Inspect	Clean/Replace Stone and Fabric	Remove
STABILIZED CONSTRUCTION ENTRANCE	Inspect	-	Inspect	Mulching/Spraying Water	N/A
DUST CONTROL	-	Inspect	Inspect	Water/Reseed/Retain	Reseed to 80% Coverage
VEGETATIVE ESTABLISHMENT	-	Inspect	Inspect	Water/Reseed/Retain	Reseed to 80% Coverage
INLET PROTECTION	-	Inspect	Inspect	Clean/Repair/Replace	Remove
SOIL STOCKPILES	-	Inspect	Inspect	Mulching/Silt Fence Repair	Remove
SWALES	-	Inspect	Inspect	Clean/Mulch/Repair	Mow Permanent Grass/Repair/Repair Rip/Rip
CONCRETE DRAINAGE STRUCTURES	-	Inspect	Inspect	Clean/Sumps/Remove Debris/Repair/Replace	Clean/Sumps/Remove Debris/Repair/Replace
PAVEMENT	-	Inspect	Inspect	Clean	Clean
*SEDIMENT TRAP	-	Inspect	Inspect	Clean/Mulch/Repair/Reseed	N/A
STONE CHECK DAM	-	Inspect	Inspect	Remove Silt/Debris and Repair Rip/Rip	Remove

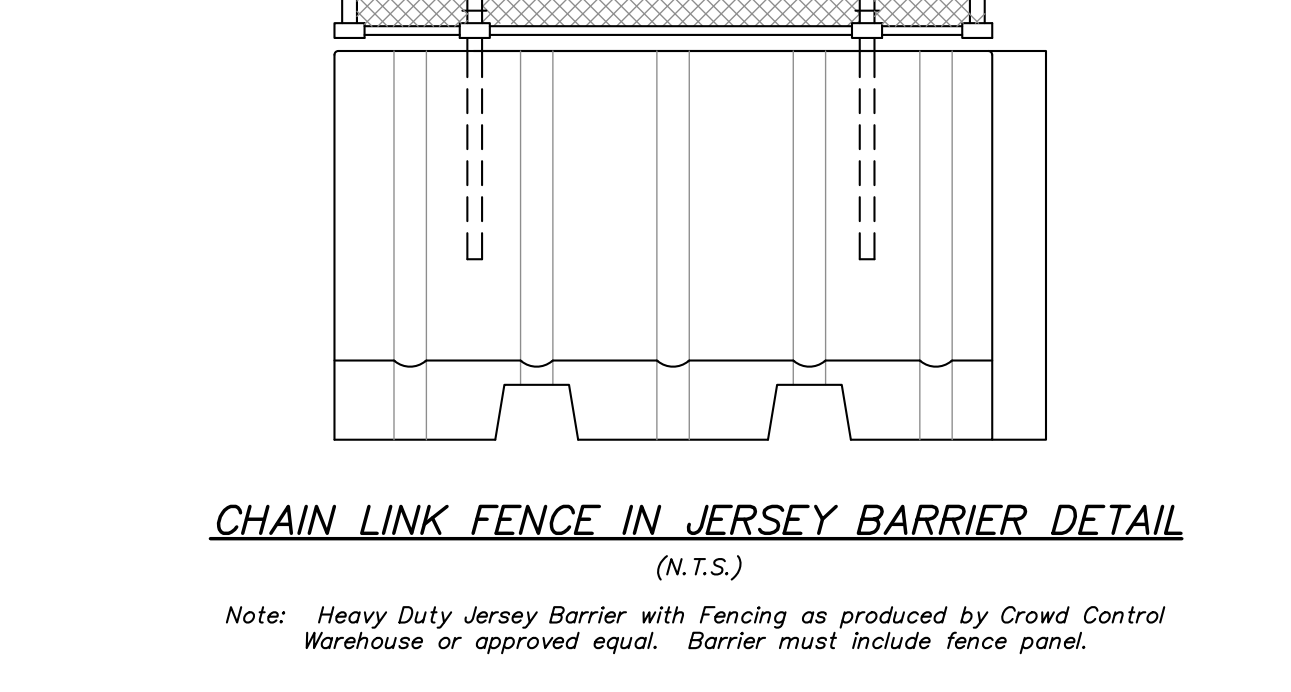
\* Permanent vegetation is considered stabilized when 80% of the plant density is established. Erosion control measures shall remain in place until all disturbed areas are permanently stabilized. Note: The contractor shall be responsible for implementation of the maintenance schedule during construction. The party responsible for the long term maintenance plan for the post construction stormwater practices is: Yonkers Joint Schools Construction Board, 1 Lockin Center, Yonkers, NY 10701 and/or the current owner(s) of the subject property.



- NOTES:
- THE STANDPIPE SHOULD BE CONSTRUCTED BY PERFORATING A 24" DIAMETER CORRUGATED METAL OR PVC PIPE.
  - THE STANDPIPE SHOULD BE WRAPPED WITH FILTERCLOTH BEFORE INSTALLATION. IF DESIRED, 1/4" - 1/2" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE PRIOR TO ATTACHING THE FILTERCLOTH.
  - A BASE OF 1 1/2" 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 1 1/2" AGGREGATE.
  - THE STANDPIPE SHOULD EXTEND 1'-6" ABOVE THE LIP OF THE PIT.
  - SUMP PIT SHALL BE LOCATED AT THE TOE OF THE EXCAVATED SLOPE WHEN GROUNDWATER IS ENCOUNTERED IN LOCATION AS DIRECTED BY THE ENGINEER.
  - SHOULD CLEAN GROUNDWATER BE ENCOUNTERED, THE DISCHARGE HOSE SHALL BE DIRECTED TO A STABILIZED AREA THAT WILL NOT CAUSE ANY EROSION PROBLEMS DOWNSTREAM OF THE DISCHARGE. SHOULD TURBID GROUNDWATER BE ENCOUNTERED THE HOSE SHALL BE DISCHARGED TO A SEDIMENT BASIN OR ALTERNATE EROSION CONTROL PRACTICE FOR TREATMENT.



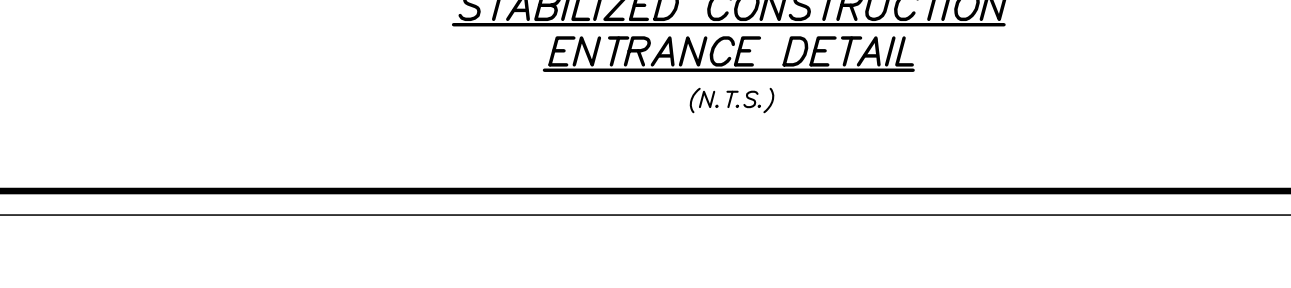
**CHAIN LINK FENCE IN JERSEY BARRIER DETAIL (N.T.S.)**



**INSTALLATION NOTES**

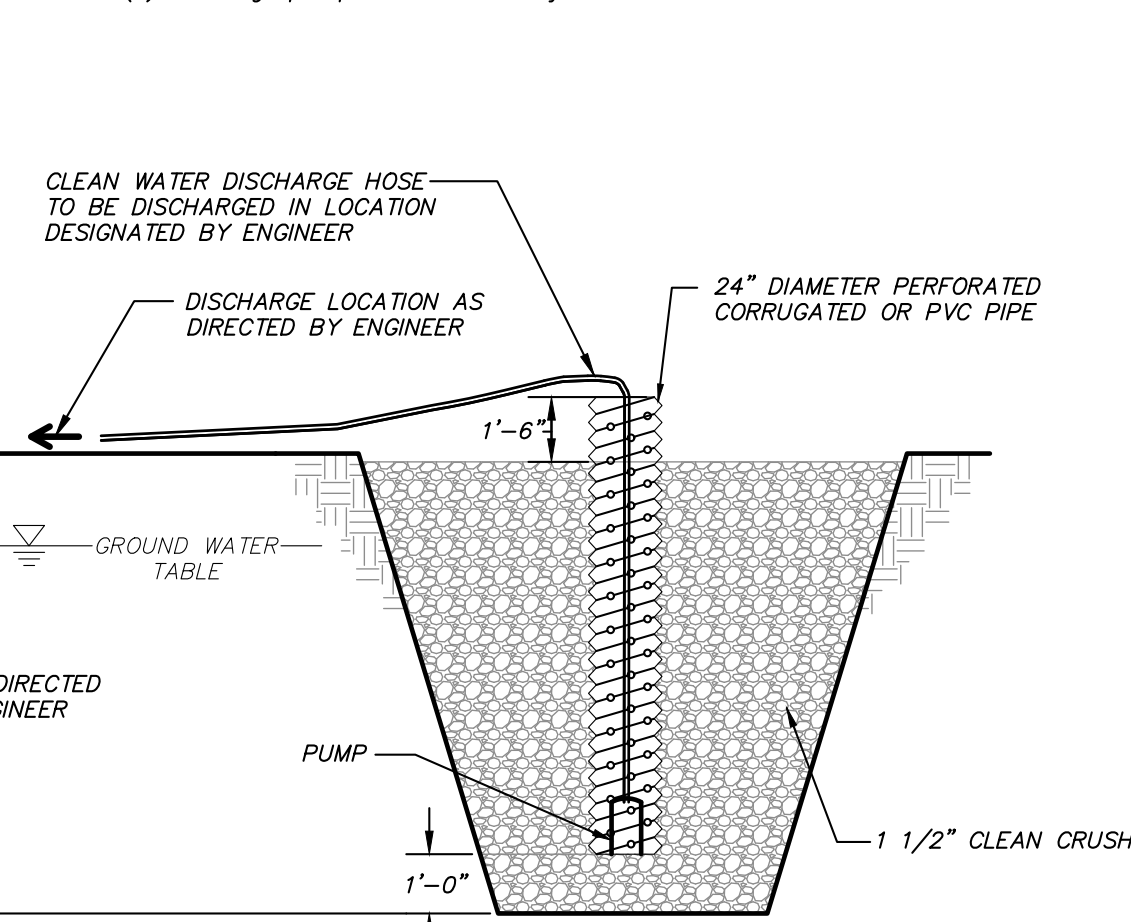
- STONE SIZE - USE 3" STONE
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' FT MINIMUM LENGTH WOULD APPLY.)
- THICKNESS - NOT LESS THAN SIX (6) INCHES
- WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
- 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.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANUP OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**STABILIZED CONSTRUCTION ENTRANCE DETAIL (N.T.S.)**



**Excavation Dewatering Contingency Requirements**

- The contractor shall maintain a contingency excavation dewatering kit consisting of a minimum of the following:
- (1) Submersible 2" electric trash pump with float switch, model #152.45-81 as manufactured by Tsurumi Pumps or approved equal. 3000 GPH, max head 39 ft.
  - (1) Generator to run the electric trash pump.
  - (3) 4' x 8' sheets of plywood
  - (20) Haybales
  - (200 LF) 2" hose
  - (300 LF) silt fence
  - (20 CY) 3/4" washed crushed stone
  - (20 LF) 24" perforated HDPE pipe
  - (1) "Dirtpag" pumped silt control system

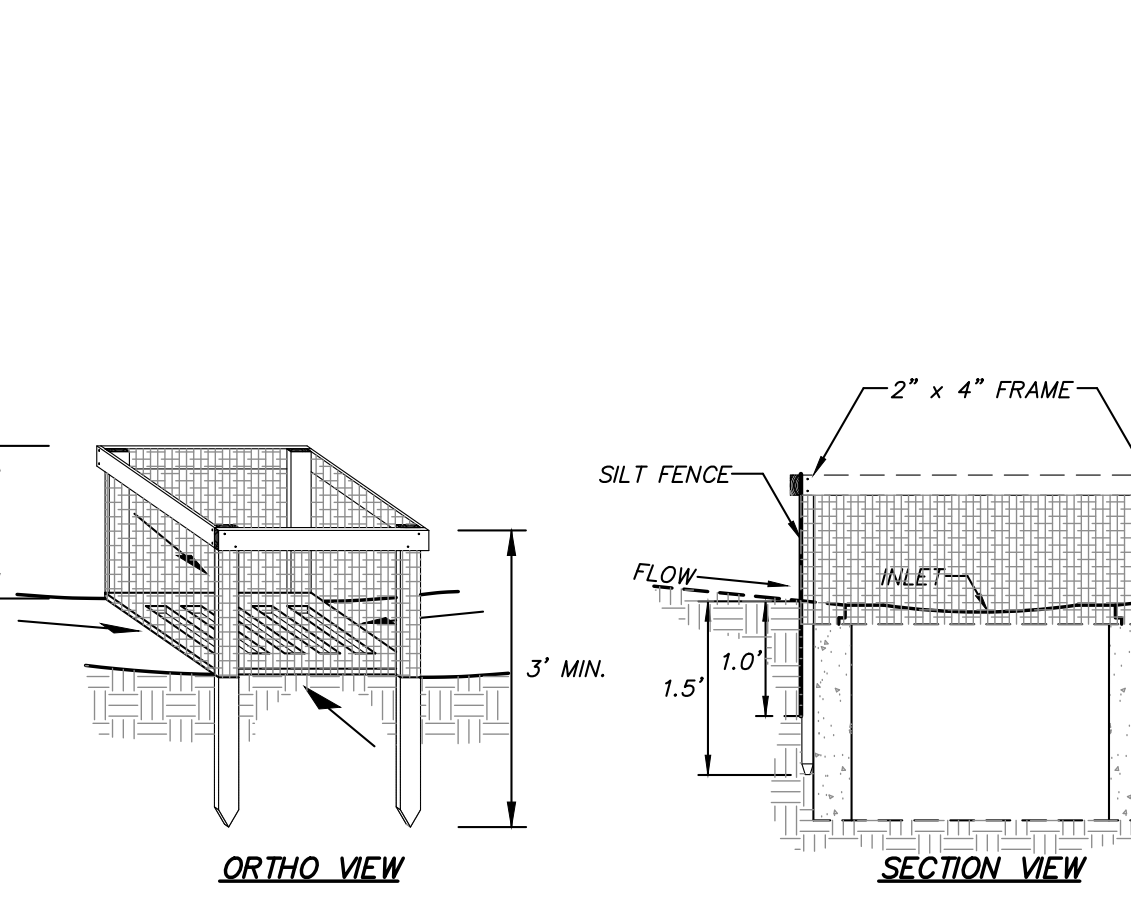


- NOTES:
- THE STANDPIPE SHOULD BE CONSTRUCTED BY PERFORATING A 24" DIAMETER CORRUGATED METAL OR PVC PIPE.
  - THE STANDPIPE SHOULD BE WRAPPED WITH FILTERCLOTH BEFORE INSTALLATION. IF DESIRED, 1/4" - 1/2" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE PRIOR TO ATTACHING THE FILTERCLOTH.
  - A BASE OF 1 1/2" 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 1 1/2" AGGREGATE.
  - THE STANDPIPE SHOULD EXTEND 1'-6" ABOVE THE LIP OF THE PIT.
  - SUMP PIT SHALL BE LOCATED AT THE TOE OF THE EXCAVATED SLOPE WHEN GROUNDWATER IS ENCOUNTERED IN LOCATION AS DIRECTED BY THE ENGINEER.
  - SHOULD CLEAN GROUNDWATER BE ENCOUNTERED, THE DISCHARGE HOSE SHALL BE DIRECTED TO A STABILIZED AREA THAT WILL NOT CAUSE ANY EROSION PROBLEMS DOWNSTREAM OF THE DISCHARGE. SHOULD TURBID GROUNDWATER BE ENCOUNTERED THE HOSE SHALL BE DISCHARGED TO A SEDIMENT BASIN OR ALTERNATE EROSION CONTROL PRACTICE FOR TREATMENT.

**SUMP PIT DETAIL (N.T.S.)**



**CHAIN LINK FENCE IN JERSEY BARRIER DETAIL (N.T.S.)**



**INSTALLATION NOTES**

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAYBE USED FOR SHORT TERM
- CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
- 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.
- FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

**FILTER FABRIC INLET PROTECTION DETAIL (N.T.S.)**



**NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE**  
 YONKERS JOINT SCHOOLS CONSTRUCTION BOARD  
 121 McLean Avenue  
 Yonkers, NY 10705

**KG+D** listen imagine build  
 KG+D ARCHITECTS, PC  
 285 MAIN STREET • MOUNT KISCO, NEW YORK 10549  
 P-914 686 5900 KGDARCHITECTS.COM

NYSDEC PROJECT CONTROL No.  
**66-23-00-01-0-346-001**

**CONSTRUCTION DOCUMENTS**

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Professional Seal

No.	Date	Issue
11/01/2021	ISSUE FOR BID	
08/24/2021	NYSDEC ADDENDUM 1	
07/14/2021	CONST. DOCS - FOR NYSED	
12/15/2020	DESIGN DEVELOPMENT	
08/31/2020	SCHEMATIC DESIGN	

Job No. 2018-1071 Date 8/30/2020  
 Scale: AS SHOWN Drawn / Checked MEJ/AT

Sheet No. **C403**