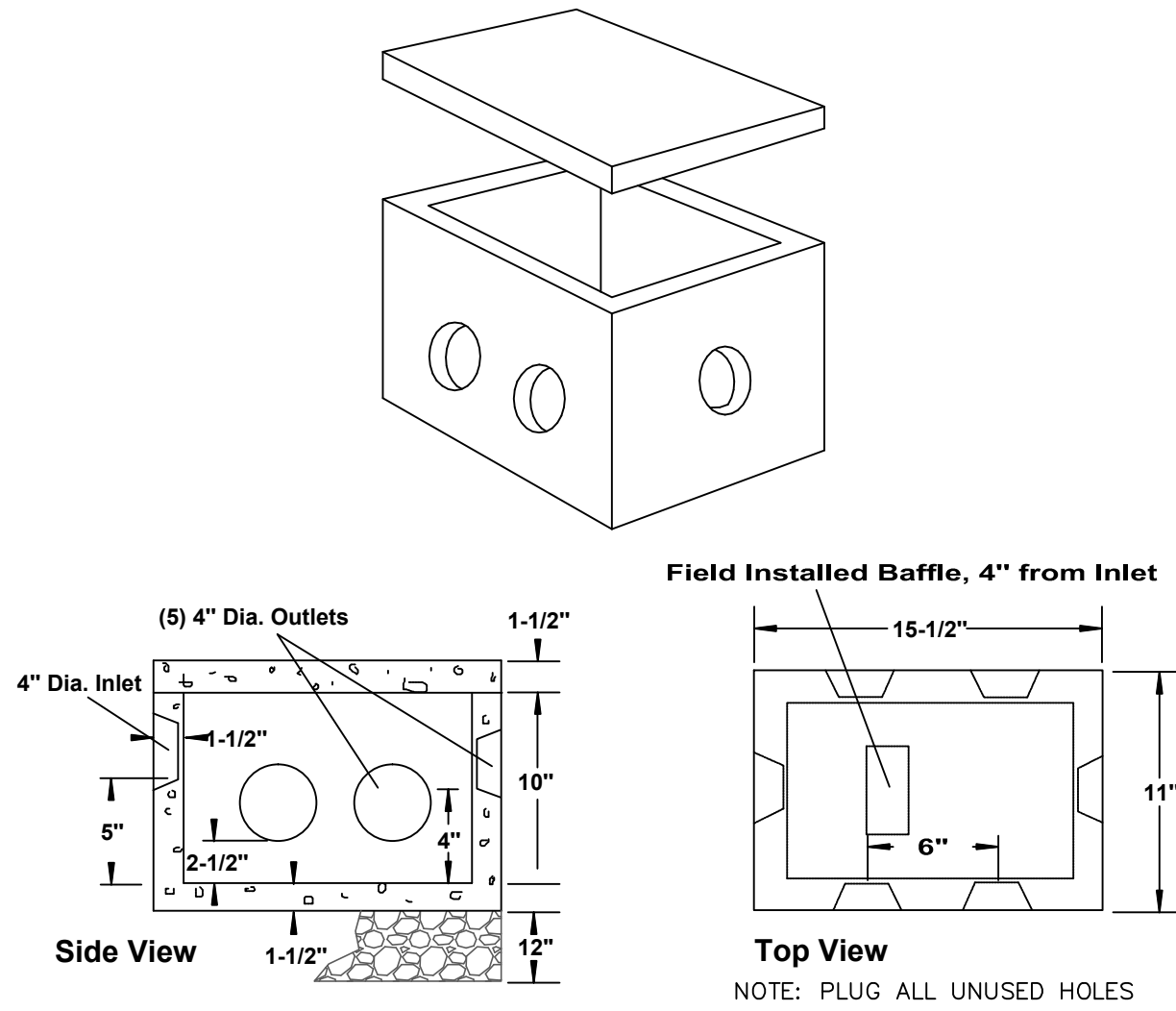
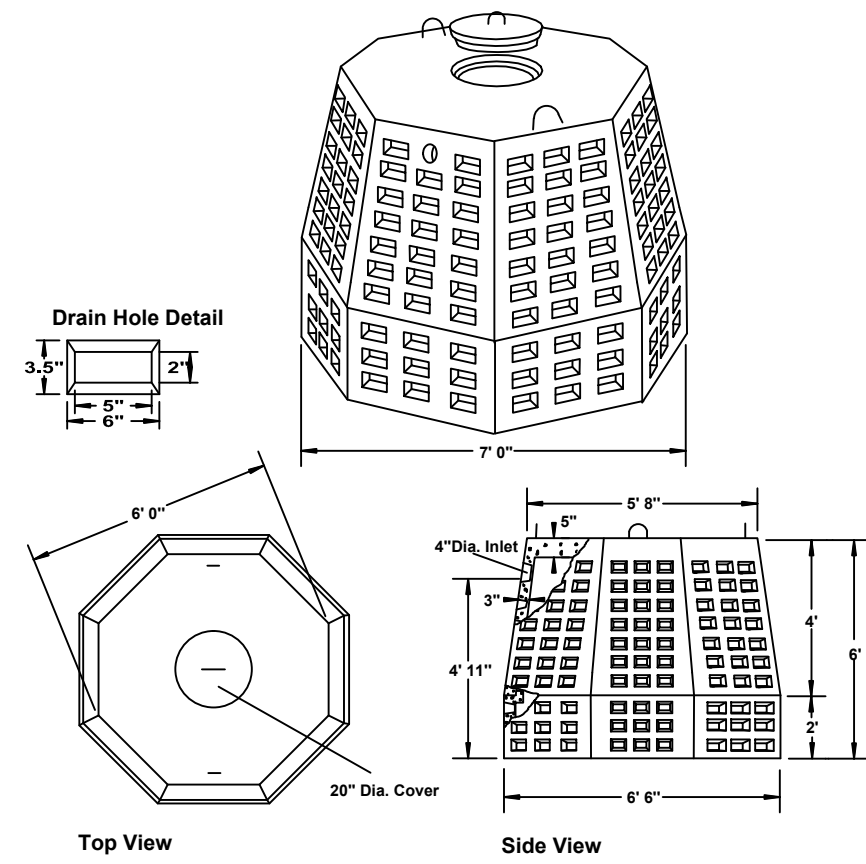


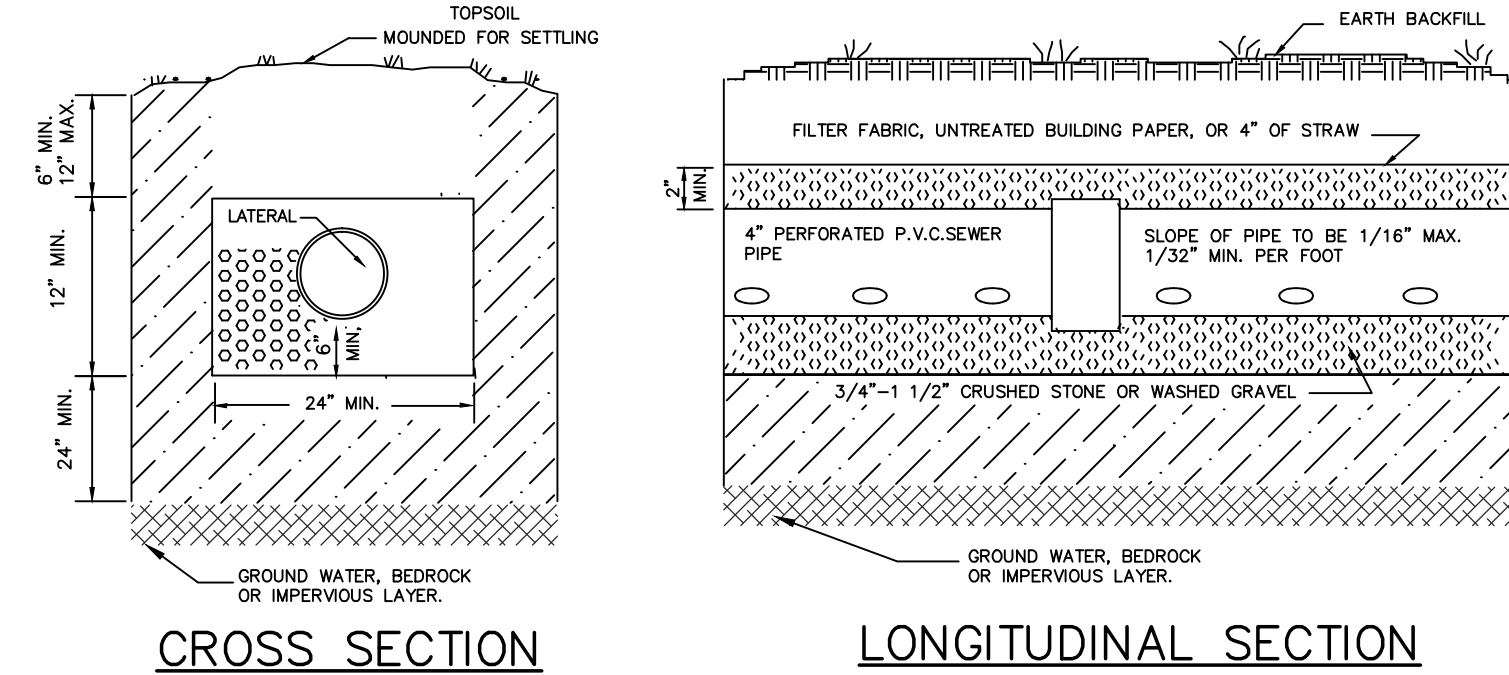
1000 GALLON SEPTIC TANK DETAIL



DISTRIBUTION DROP BOX DETAIL

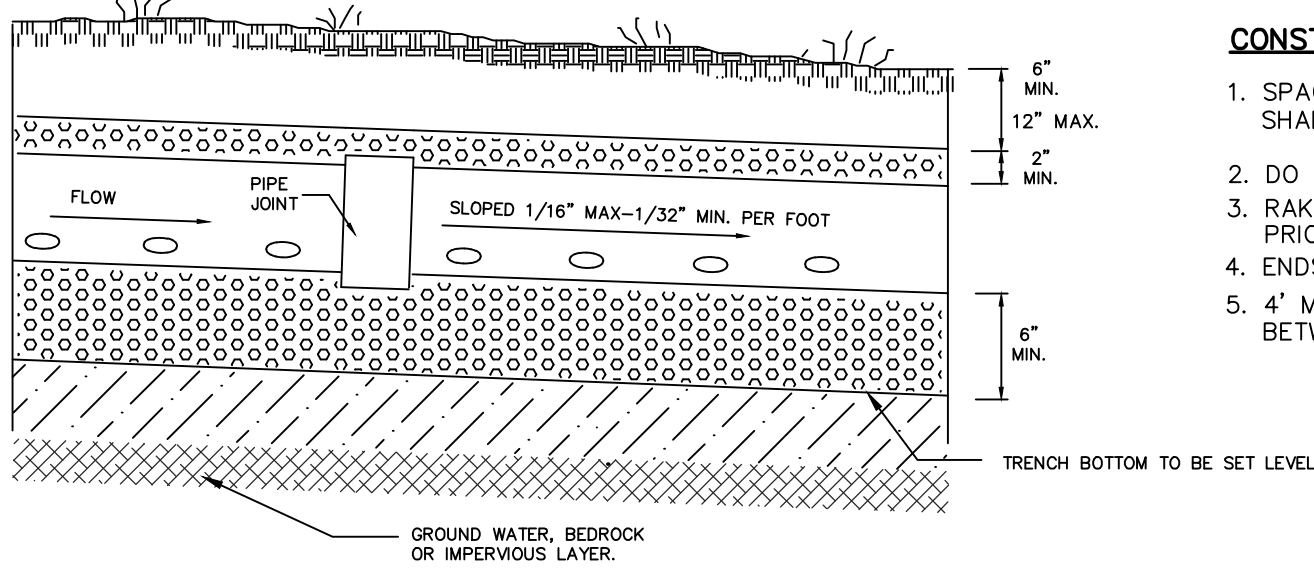


DRY WELL DETAIL



CROSS SECTION

LONGITUDINAL SECTION



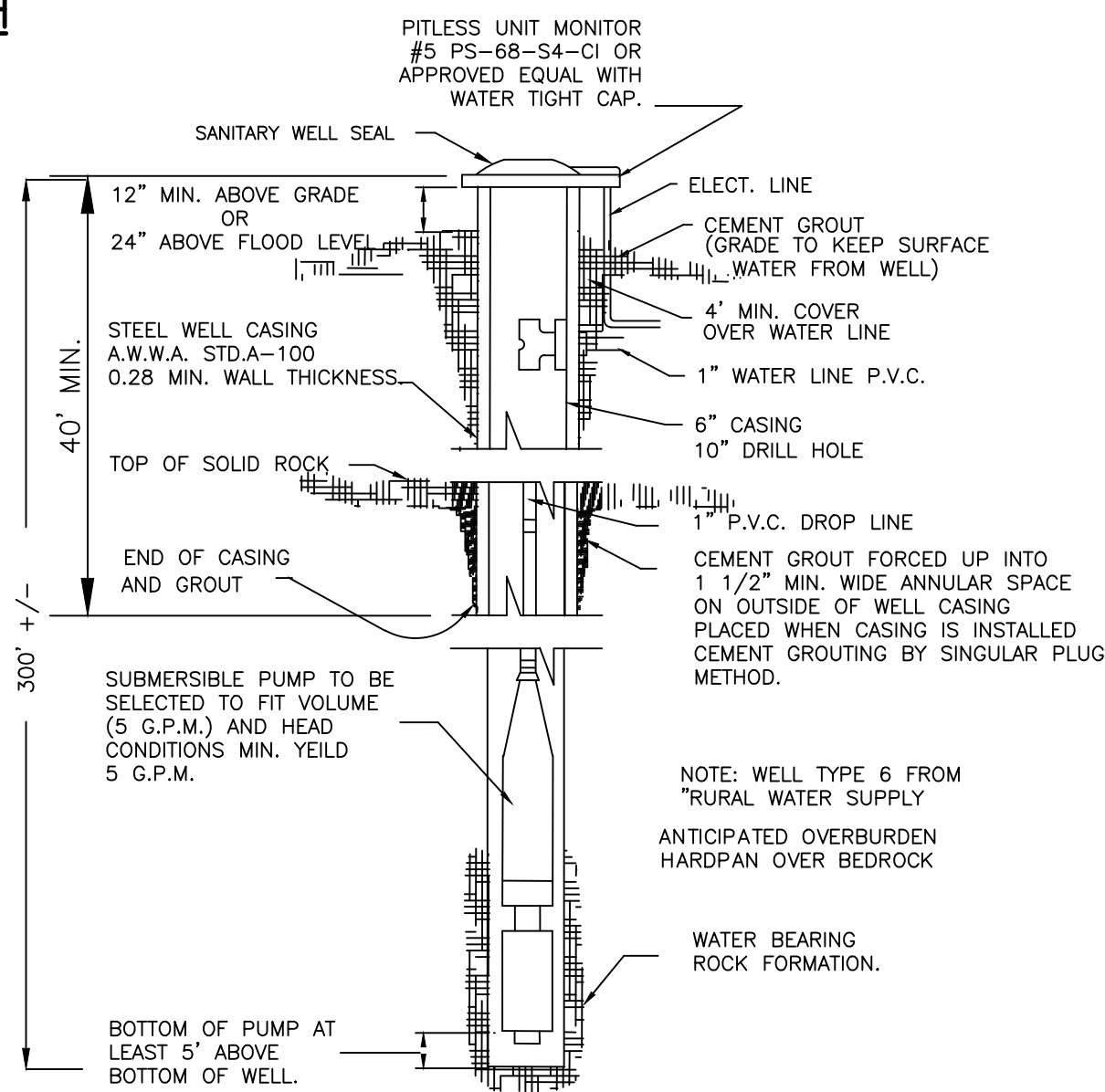
TRENCH PROFILE

ABSORPTION TRENCH DETAIL

CONSTRUCTION NOTES:

1. SPACING OF ABSORPTION TRENCHES SHALL BE A MIN. OF 6' O.C.
2. DO NOT INSTALL TRENCHES IN WET SOIL
3. RAKE SIDES & BOTTOM OF TRENCHES PRIOR TO PLACING GRAVEL.
4. ENDS OF ALL PIPES TO BE CAPPED
5. 4' MIN. OF UNDISTURBED SOIL BETWEEN TRENCHES.

N.T.S.



TYPICAL WELL DETAIL

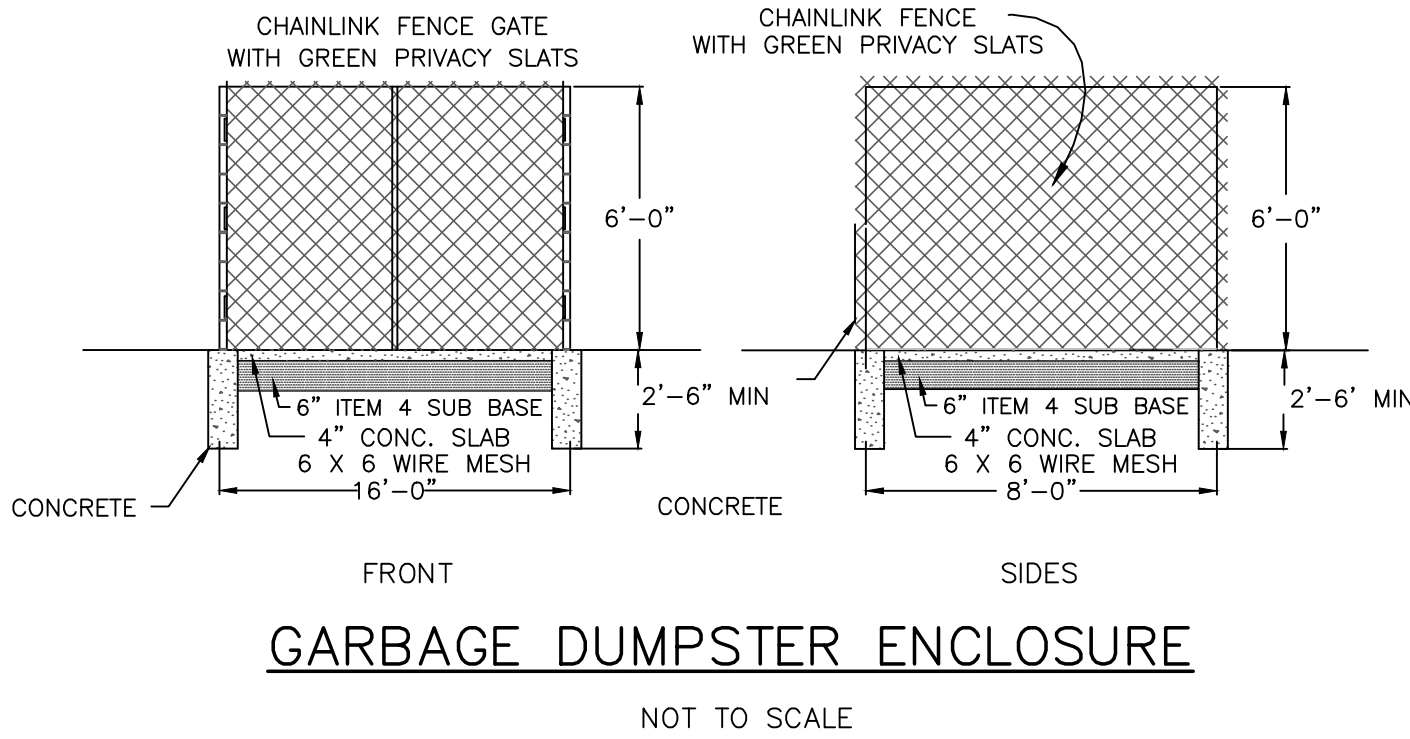
UNAUTHORIZED ALTERATION OF THIS DOCUMENT, IN ANY WAY, CONSTITUTES A VIOLATION OF THE STATE OF NEW YORK EDUCATION LAW SECTION 7209 (2).

SEPTIC SYSTEM NOTES

1. Septic system design and soil testing by Stephen Deutsch, P.E.
2. Proposed septic system shown is for permanent use only until Town sewers are available. Septic system shall be abandoned when Town sewers are available. See Note #11 for abandonment procedure. Until such time, the outlet plug shall remain in place on the septic tank, and the future sewer connection(as shown) shall be plugged and capped.
3. Percolation test results(3/12/09): 1" drop in 6 minutes.(PT 1 & PT 2)
4. Soil Log/Deep Test Hole results(3/12/09) - SL #1 & SL#2
  - 0' - 4' consolidated run-of-bank gravel
  - 4' - 8' clay loam w/cobbles
  - no bedrock or groundwater
5. Septic System Design Criteria:
  - # persons: 15 max.
  - 20 gpd/person
  - Total daily flow: 300 gpd(max.)
  - Absorption Rate: 1.0 gal/s.f./day
  - 300 sq.ft. req'd., or 150 l.f. of leach fields 24" wide
  - Install 240 l.f. of leach fields 24 " wide as shown
  - Install 1000 gal. concrete septic tank as shown
6. Use low flow fixtures: 3.5gpf toilets; 3.0 gpm faucets
7. Install access manholes to grade for all septic tank cleanouts
8. Use Woodard DB-6 distribution boxes. Plug all unused holes.
9. All construction shall comply with NYS Health Dept. standards and regulations, latest edition.
10. Direct all gutters and leaders away from leach fields.
11. Abandonment Procedure:
  - Pump tank dry; fill tank with clean fill. Install 6"CIP bypass piping as shown
12. Elevation of future sewer connection to be set according to future Town sewer elevation.
13. Septic system installation shall be witnessed and certified by a licensed P.E.

STORMWATER MANAGEMENT NOTES

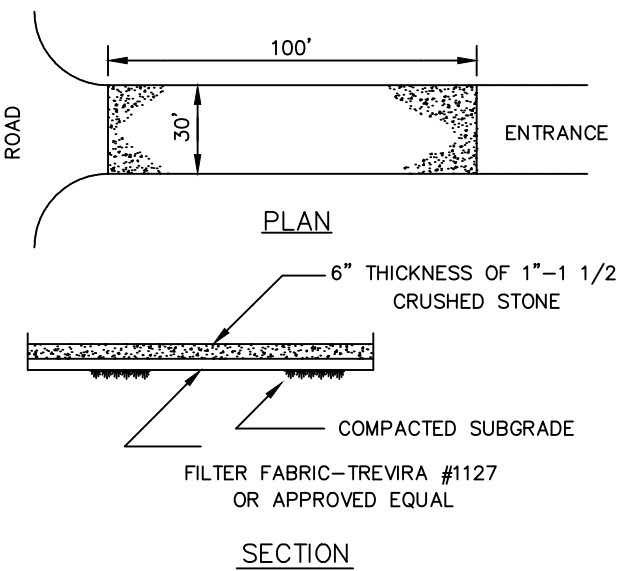
1. Stormwater management as shown on this plan has been designed to control the first half-inch of runoff from adjacent roof, driveway and parking areas. Use four 7' dia. x 6' high precast concrete drywell DW-6(B+C) as manufactured by Woodard's Concrete Products, or equal) as shown. Each drywell shall have a 6" inlet, 4" outlet and 6" overflow, as shown.
2. Drywells shall be inspected twice a year for silt and sediment, and shall be cleaned as required.
3. Disturbed areas other than driveways and parking areas shall be seeded and hayed as shown.
4. Silt fencing shall be placed adjacent to the existing brook as shown, and shall remain in place until all disturbed areas are stabilized.



GARBAGE DUMPSTER ENCLOSURE

NOT TO SCALE

STABILIZED CONSTRUCTION ENTRANCE



NOTE: ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT OF WAYS

ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS. A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHENEVER A CONSTRUCTION ACCESS DRIVE INTERSECTS ANY PAVED ROADWAY. SAID BLANKET WILL BE COMPOSED OF 6" DEPTH OF 1"-1 1/2" CRUSHED STONE. WILL BE AT LEAST 30 X 100' AND SHOULD BE PLACED ON COMPACTED SUBGRADE AND SHALL BE MAINTAINED.

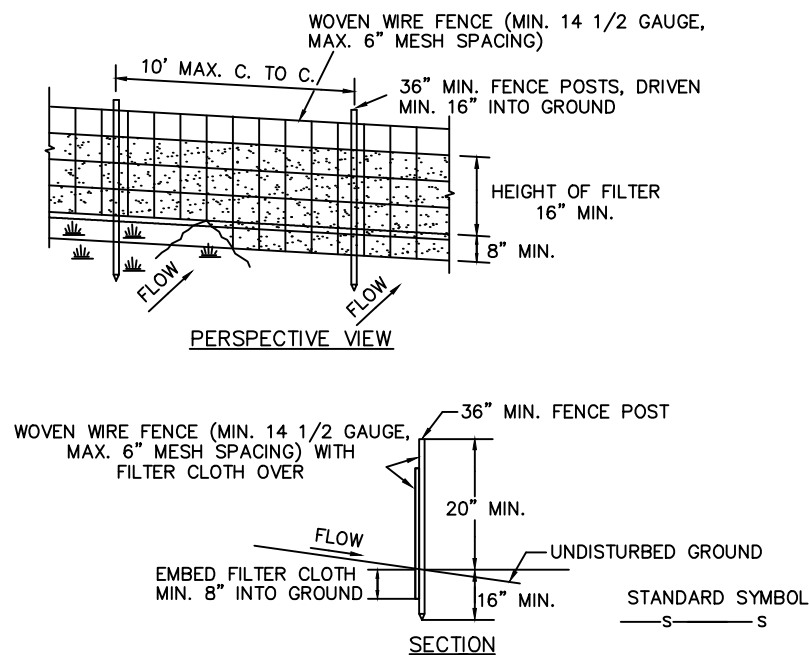
PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.

ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES MUST BE DETAILED ON THE PLAN.

SEQUENCE OF CONSTRUCTION:

1. PROVIDE STABILIZED 30' X 100' CONSTRUCTION PAD ENTRANCE AT LOCATION SHOWN.
2. CONSTRUCT SEDIMENT BARRIERS AS SHOWN AND/OR AS REQUIRED.
3. BEGIN BUILDING CONSTRUCTION.
4. INSTALL SITE IMPROVEMENTS SUCH AS WALLS AND NEW DRIVEWAY BASE AS DEVELOPMENT PROCEEDS, SPREAD TOP SOIL (MINIMUM 4") AND SEED, STABILIZE ALL OPEN AREAS WITH SEED AND MULCHING REQUIREMENTS.
5. AFTER PERMANENT PLANTING AND SEED HAVE BECOME ESTABLISHED, REMOVE SEDIMENT BARRIERS AND PERMANENTLY SEED DISTURBED AREAS, DRIVEWAY PAVEMENT CAN BE INSTALLED WHEN REQUIRED.

SILT FENCE DETAILS



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POST WITH WIRE TIES OR STAPLES.
  2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
  3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
  4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD  
FENCE: WOVEN WIRE, 14 1/2 GA. 6" MAX. MESH OPENING  
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL  
PREFABRICATED UNIT: GEOTAB, ENVIROFENCE, OR APPROVED EQUAL

DETAIL SHEET FOR

EIGHTEEN-EIGHT GROUP LLC.  
TOWN OF CHESTER  
FEBRUARY 16, 2016  
ORANGE COUNTY, N.Y.  
AREA= 23.3± ACRES

REVISIONS

NO.	DESCRIPTION

STEPHEN DEUTSCH, P.E.  
N.Y.S. License No. 45900  
CENTRAL VALLEY, N.Y.

DATE