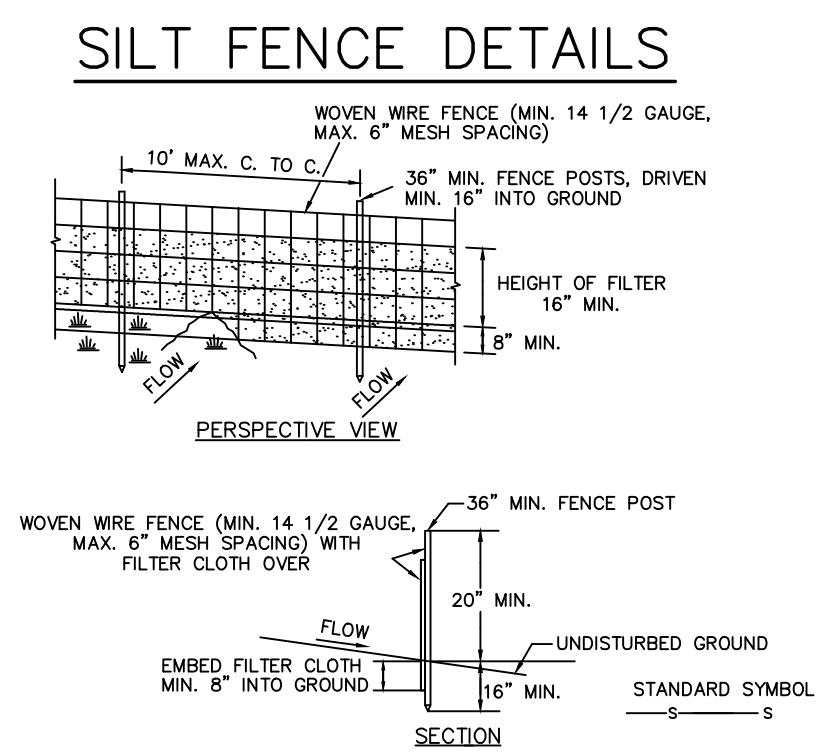


SEPTIC ELEVATIONS

L.S.E. = 474.00'
TANK IN. = 473.80'
TANK OUT = 473.55'
F. DIST.BOX = 472.95'



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.



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.
- ELIUMER T OR U TYPE FILTER CLOTH: FILTER X, MIRAFI 100X,
2" HARDWOOD STABILINKA T44CN OR
APPROVED EQUAL
- WIRE, 14 1/2 GA. PREFABRICATED UNIT:
MAX. MESH OPENING GEOPAF, ENVROFENCE, OR
APPROVED EQUAL

ABSORPTION TRENCH
DETAIL
N.T.S.

1. SILT FENCE:

- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
2. STABILIZED CONSTRUCTION ENTRANCE:
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY OR STREETS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL AGGREGATE. ALL SEDIMENT SPILLED, DROPPED OR WASHED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN NECESSARY, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE, WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERCOURSES.

The drawing consists of two parts: a plan view and a section view.

PLAN: Shows a top-down view of a road shoulder. The shoulder width is 100 feet. The depth of the stone layer is 30 inches. The area is labeled "ENTRANCE".

SECTION: Shows a cross-section of the shoulder. The layers from top to bottom are:

- 6" THICKNESS OF 1"-1 1/2" CRUSHED STONE
- FILTER FABRIC - TREVIRA #1127 OR APPROVED EQUAL
- COMPACTED SUBGRADE

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.



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

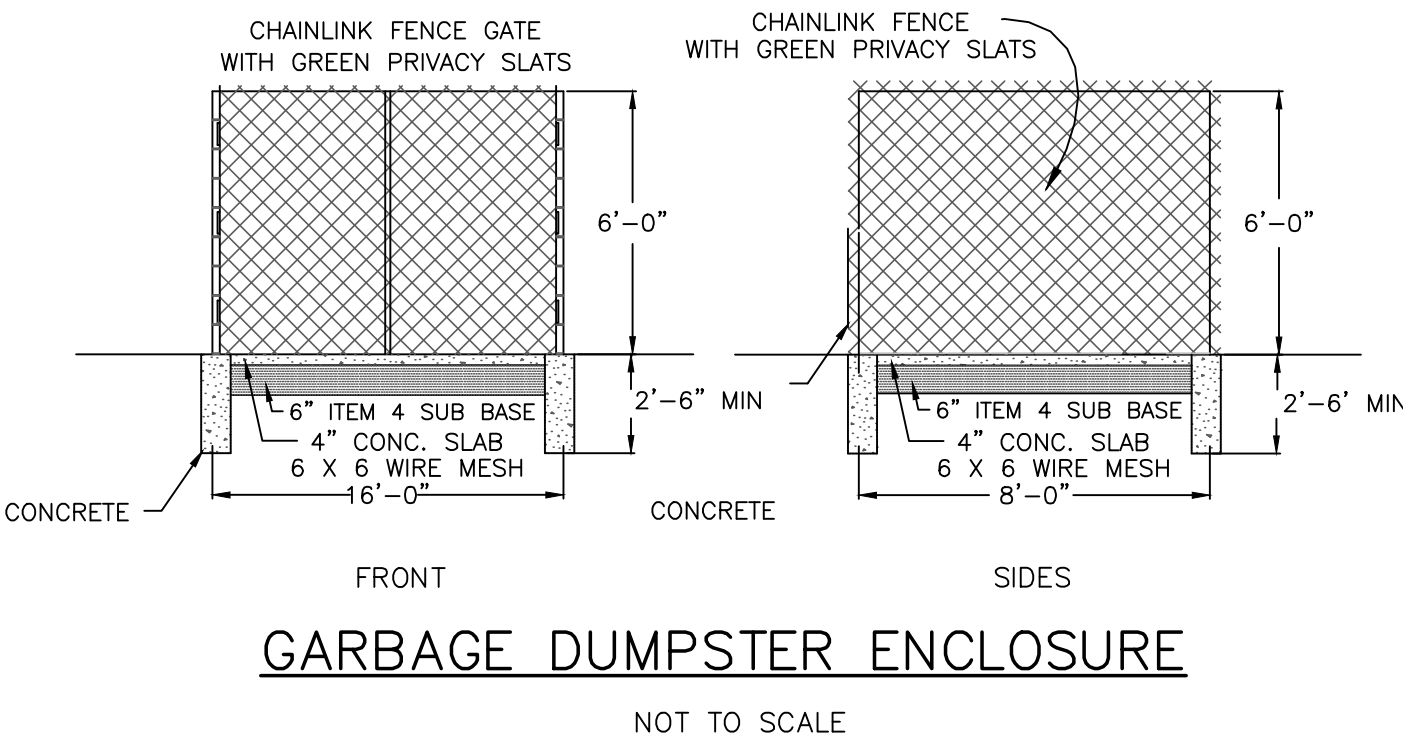
SEPTIC SYSTEM NOTES

3. 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 #1 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)
3. Soil Log/Deep Test Hole results(3/12/09) – SL #1 & SL#2

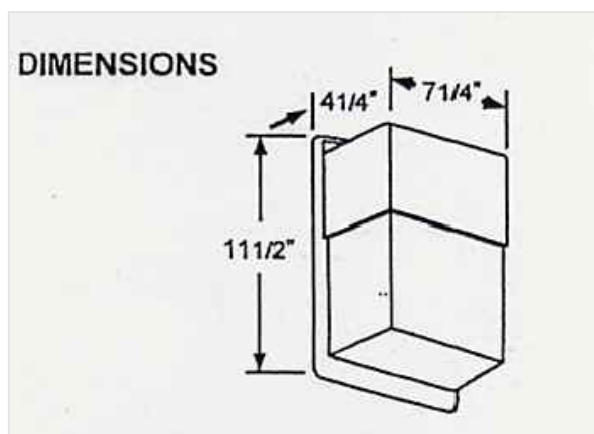
0' – 4'	consolidated run-of-bank gravel
4' – 8'	clay loam w/cobbles
	no bedrock or groundwater
5. Septic System Design Criteria:
 - # persons: 15 max.
 - 20 gpd/person
 - Total daily flow: 300 gpd(max.)
 - Absorption Rate: 1.0 gal/s./d.
 - 300 sq.ft. req'd., or 150 L.f. of leach fields 24" wide
 - Install 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 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) 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.



SWIN
LAMP - HIGH PRESSURE SODIUM
WATTS - 70 (HPS)
COLOR - DK. BRONZE
MOUNTING HEIGHT (ft.) - 8'
70 WATT HIGH PRESSURE SODIUM LAMP - 5,800 LUMENS



WALL LIGHT DETAIL

EROSION AND SEDIMENT CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, AND SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH SALT HAY OR THE EQUIVALENT AND BOUND.
3. PERMANENT VEGETATION IS TO BE ESTABLISHED ON EXPOSED AREAS WITHIN TEN (10) DAYS AFTER THE FINAL GRADING. MULCH IS TO BE USED FOR PROTECTION UNTIL VEGETATION IS ESTABLISHED.
4. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF 2 TONS PER ACRE.
5. PERMANENT SEEDING AND STABILIZATION TO BE IN ACCORDANCE WITH THE STANDARDS FOR PERMANENT VEGETATIVE COVER.
6. THE SITE SHALL, AT ALL TIMES, BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
7. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS.
8. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.

DETAIL SHEET
FOR

EIGHTEEN-EIGHT GROUP LLC.
TOWN OF CHESTER
FEBRUARY 16, 2016

ORANGE COUNTY, N.Y.
AREA= 23.3± ACRES

REVISIONS	
03-29-16	SDS ELEVATIONS/ESC NOTES

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

DATE _____