

SEPTIC SYSTEM NOTES TO CONTRACTORS:

1. This plan should be checked against the permit plan for any revisions or notes.
2. Contractor to verify adequacy of soil depths prior to installation of system.
3. Contractor must follow all requirements of the State and Local Health Codes.
4. As of January 1, 1990, all septic tanks must contain two compartments.
5. The Engineer and the Local Health Department will make a final inspection of the system installation. All leaching areas, piping and structures must be open for the inspection. Give the Engineer and the Local Health Department at least 48 hours notice for the final inspection.
6. All construction elevations and grades will be checked by transit. You are expected to install the system essentially as shown, using a contractor's level throughout. No variation from the design dimensions and elevations will be allowed unless written approval is given by the Engineer and the Local Health Department. Variations, unless previously approved by the design engineer, will require correction.
7. The septic system is to be staked and a benchmark set by a Licensed Professional Engineer or Land Surveyor prior to work in the septic system area. An as-built plan is to be completed by a Licensed Professional Engineer or Land Surveyor. Copies are to go to the Local Health Department.
8. Unsuitable soil and vegetation must be removed from the system area prior to fill placement. Be sure that all of the topsoil has been removed and that the subsoil is exposed everywhere within the work area. Leaching area is to be scarified after stripping. Give the Engineer and the Local Health Department at least 48 hours notice prior to stripping and scarifying.
9. The fill is to be top grade bank run gravel, coarse sharp sand or, if allowed by the design engineer, washed sand. The fill should contain no more than 5% fines. Fines are clay and silt sized particles that pas the no. 200 sieve. Before placing the fill, both the design engineer and the Local Health Department must be given sieve analysis of the material to be used, and must approve the fill. After the fill have been approved, this fill must be used unless a new sieve analysis is approved. Dead sand, sandy loam and other such materials, are not acceptable as fill. Give the Engineer and the Local Health Department at least 48 hours notice prior to placing of select fill.
10. Spread the fill over the proper area in 12 inch lifts, compacting it by machine to a point where it is firm. Fill to be placed in such a manner that it will pass a 90% compaction test.
11. A percolation test performed by The Professional Engineer in the select fill will be required by the Local Health Department.
12. During the site preparation and filling operations, keep the design engineers and the Local Health Department informed by phone about the progress of the work. The design engineers and the Local Health Department reserve the right to inspect the completed fill area before the work proceeds. Give both about 48 hours notice as to when the filling will be completed.
13. All completed piping should be carefully protected during construction and final grading to avoid crushing or displacing the PVC. Any pipe which is disturbed should be replaced.
14. All distribution boxes to be placed on concrete pads or compacted gravel.
15. Loam (6" min.), seed and hay all disturbed areas as soon as practical. finish grade over septic system to shed water.

GENERAL NOTES:

- 1) NO WELLS ON ADJACENT PROPERTIES ARE LOCATED WITHIN 100 FEET OF THE PROPOSED SEPTIC SYSTEM
- 2) NO SEPTIC SYSTEMS ON ADJACENT PROPERTIES ARE LOCATED WITHIN 100 FEET OF THE PROPOSED WELL
- 3) WETLANDS AND FIELD LOCATION TAKEN FROM MAP PREPARED BY TRINKAUS ENGINEERING, LLC
- 4) SOIL TESTING CONDUCTED BY TRINKAUS ENGINEERING, LLC

WATER TREATMENT WASTEWATER

WATER SOFTNER
60-70 GALLONS PER FLUSH (12 DAY CYCLE)
IRON TREATMENT
177 GALLONS PER FLUSH (3 DAY CYCLE)
1.5 X 247 GALLONS PER FLUSH MAXIMUM = 370.5 GALLONS
INSTALL 30FT OF INFILTRATOR ARCH 36
ARCH 36 = 63 GALLONS PER 5'
63 GAL X 6 SECTIONS = 378 GALLONS

STANDARD MLSS

HYDRAULIC GRADIENT 12.5%
RECEIVING SOIL DEPTH 22.1-26.0
HF = 26

FLOW FACTOR
3 BEDROOM DESIGN FLOW
450 GAL/DAY
FF = 1.5

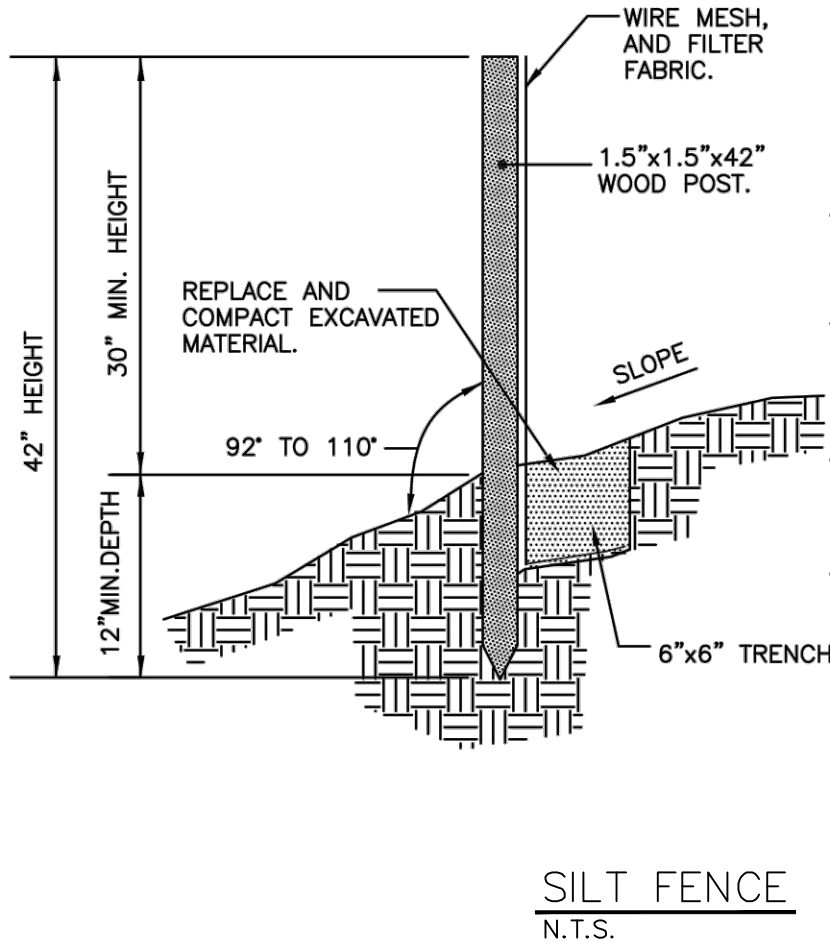
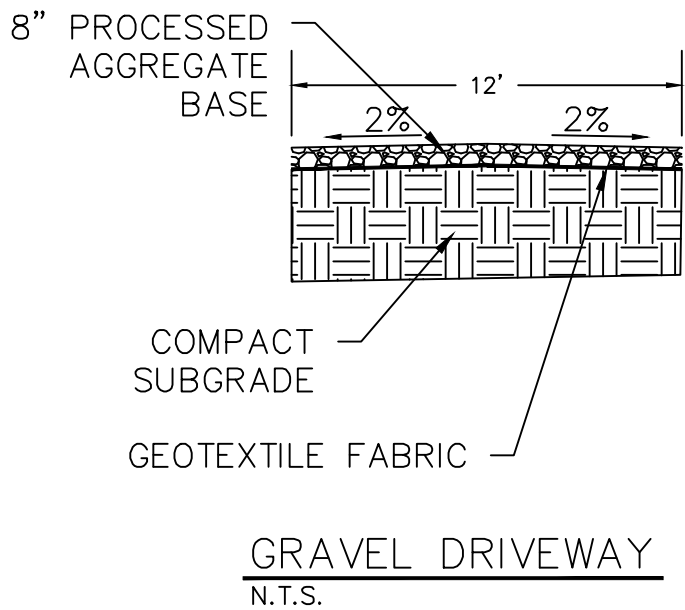
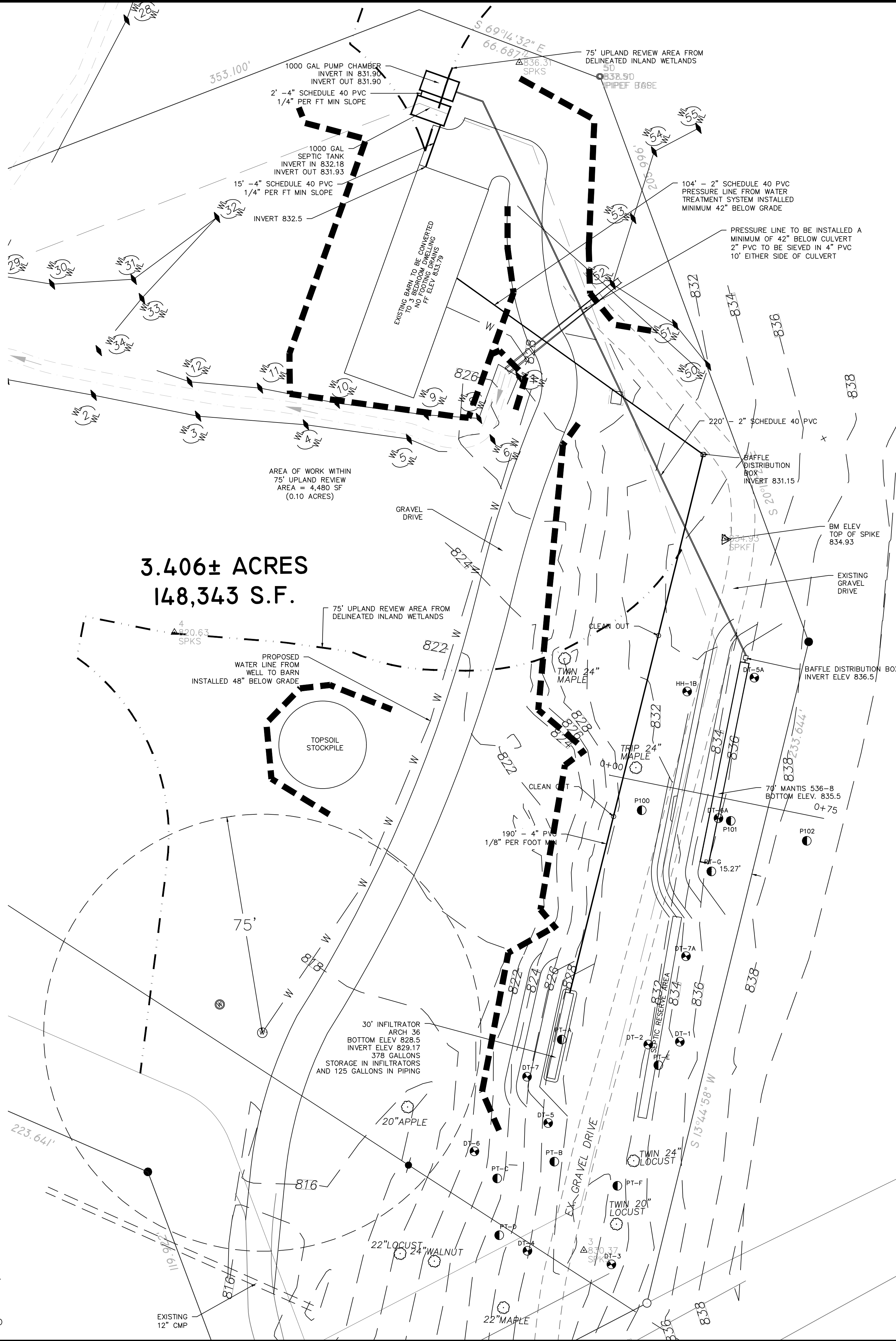
PERCOLATION FACTOR
PERCOLATION RATE
20.1 TO 30.0 MIN/INCH
PF = 1.5

MLSS=26X1.5X1.5 = 58.5 FT

ELA

PERCOLATION RATE
20.1-30.0 MIN/INCH
3 BEDROOM
ELA FROM TABLE 6 = 750 SF

PROVIDE 70' OF
MANTIS 536-8
70X11.0 = 770.0 SF PROVIDED

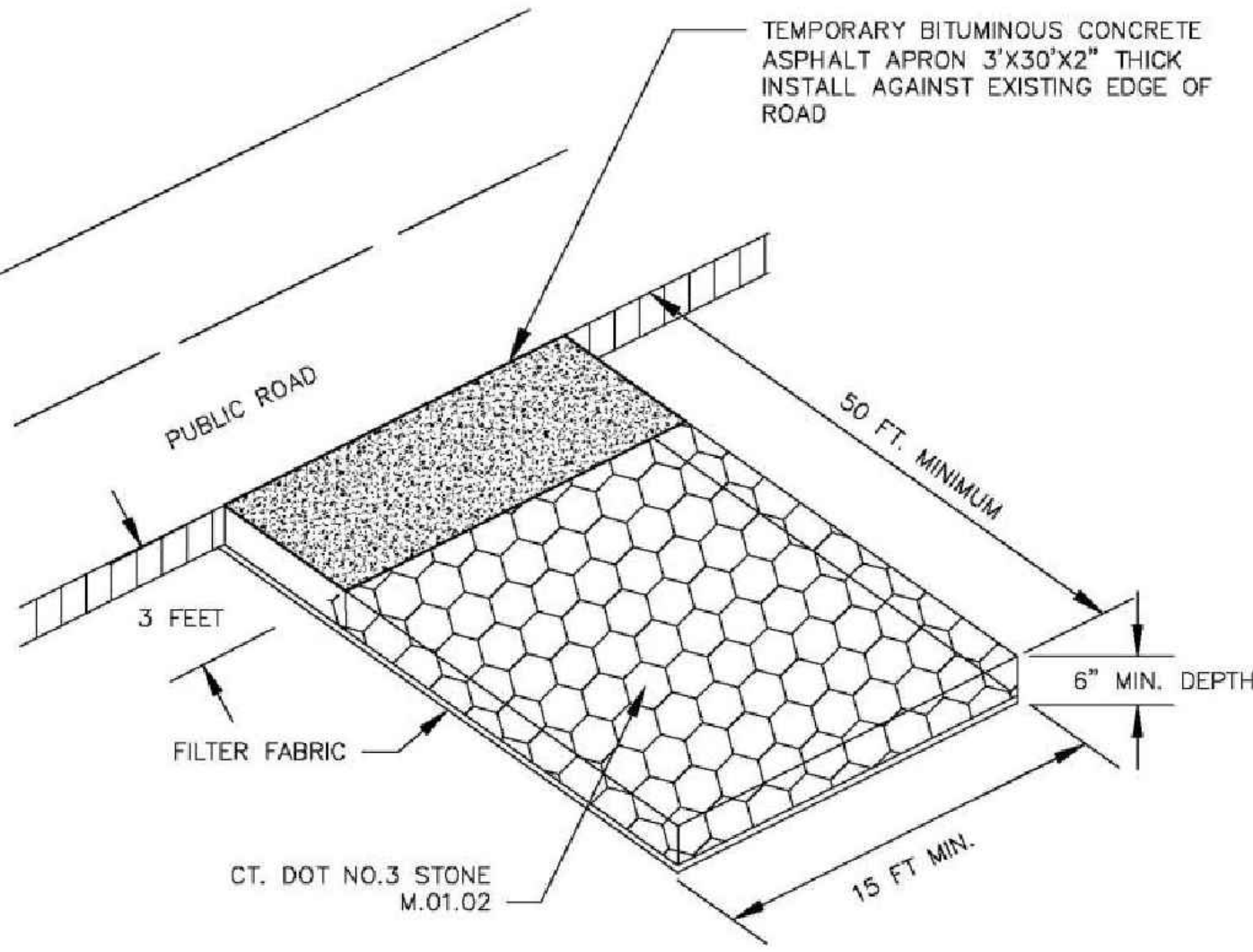


INSTALLATION PROCEDURE:

1. SET 1.5"x1.5"x42" POSTS @ 10'0" O.C. AND EXCAVATE A 6"x6" TRENCH, SET POST DOWNSLOPE. INSTALL ADDITIONAL POSTS AS REQUIRED AT LOW POINTS.
2. SECURE WIRE MESH TO POSTS WITH ADEQUATE STAPLES OR WIRE TIES.
3. ATTACH FILTER FABRIC TO WIRE MESH AND EXTEND DOWN INTO TRENCH AS DETAILED.
4. BACKFILL AND COMPACT TRENCH TO SECURE FILTER FABRIC.
5. IN LIEU OF WIRE MESH AND FILTER FABRIC, CONTRACTOR MAY USE A PREFABRICATED SEDIMENT FENCE EQUAL TO:
A. ENVIROFENCE(MIRAFI)
B. PROPLEX SILT STOP(AMOCO)
C. ECONOFENCE(TERRATEX) OR APPROVED EQUALS.

NOTE:

SEDIMENT FENCE IS TO BE CHECKED AFTER EVERY STORM EVENT AND/OR ONCE EVERY TWO WEEKS (MIN.)



CONSTRUCTION ENTRANCE

N.T.S.

NOTE:

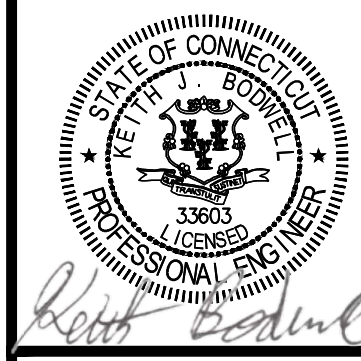
1. CONTRACTOR IS RESPONSIBLE FOR REGULAR MAINTENANCE OF THE ANTI-TRACKING PAD THROUGHOUT CONSTRUCTION. ROADS ARE TO BE FREE OF TRACKED DIRT, MUD & DEBRIS.
2. THE LENGTH OF THE ANTI-TRACKING PAD SHALL BE INCREASED AS DIRECTED FOR SITES COMPOSED OF CLAY OR SILTS.
3. EXISTING EDGE OF ROAD SHALL BE PRESERVED - CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROAD SURFACE

LEGEND

- PERC TEST
- DEEP TEST PIT
- STONE WALL
- EXISTING CONTOURS
- PROPOSED CONTOURS
- SILT FENCE
- WETLANDS LINE
- BENCHMARK



BODWELL ENGINEERING AND SURVEYING LLC
92 CREAM HILL RD. - WEST CORNWALL, CT 06796
860-318-5300 - BODWELLENGINEERING.COM



APPROVED:

SITE PLAN
235 BELGO ROAD, SALISBURY, CT
Map 09 Lot 09
PREPARED FOR:
235 BELGO ROAD LLC
P.O. BOX 706
SHARON, CT 06069

SCALE: 1"=20'
DATE: MARCH 2024
REV: 5/24/24, 7/1/25

PROJECT#: 2024-17
SHEET#: 1 OF 1