

DUTCHESS COUNTY HEALTH DEPARTMENT

DUTCHESS COUNTY DEPARTMENT OF HEALTH
APPROVED

DATE: JULY 10, 2009

PROJECT: Pflister Accessory Dwelling
SDS & WELL

Town of Washington
SUPERVISING PUBLIC HEALTH ENGINEER

RECOMMENDED FOR APPROVAL:

Yusef H. Bule P.E.

PLAN VIEW
SCALE = 1" = 40'

DUTCHESS COUNTY HEALTH DEPARTMENT NOTES

- The design, construction and installation shall be in accordance with this plan and generally accepted standards in effect at the time of construction which include:
 - "Appendix 75-A, Waste Treatment - Individual Household Systems, New York State Sanitary Code".
 - "Waste Treatment Handbook, Individual Household Systems, New York State Department of Health".
 - "Rural Water Supply, New York State Department of Health".
 - "Planning the Subdivision as Part of the Total Environment, New York State Department of Health".
 - "New York State Department of Health and Dutchess County Department of Health policies, procedures, and standards".
 - Dutchess County Department of Health Sanitary Code, Article XI and Article XIX".
 - "Dutchess County Department of Health Certificate of Approval Letter".

- "This plan is approved as meeting the appropriate and applied technical standards, guidelines, policies and procedures for arrangement of sewage disposal and treatment and water supply facilities; and, as a condition of this approval, a construction inspection by a representative of the Dutchess County Health Department shall be done to determine that construction at the time of inspection was completed in general conformance with the approved plans and any amendment thereof".

- "Approval of any plan(s) or amendment thereto shall be valid for a period of five (5) years from the date of approval. Following the expiration of said approval, the plan(s) shall be resubmitted to the Commissioner of Health for consideration for re-approval. Resubmission or revised submission of plans and/or associated documents shall be subject to compliance with the technical standards, guidelines, policies, and procedures in effect at the time of the resubmission".

- All wells and SDS existing or approved within 200' of the proposed sewage disposal systems are shown on this plan along with any other environmental hazards in the area that may affect the design and functional ability of any SDS and well.

- Water shall be provided by a newly drilled well.

- If the septic tank is delivered to the site in sections, it shall be demonstrated by the Contractor to the DCHD field inspector and/or certified engineer that the tank is sealed watertight and acceptable for use. This shall require as a minimum, the filling of the tank with water to observe if it is sealed, watertight and acceptable for use.

- There shall be no trees within 10' of any sewage disposal system area.

- Cleanouts shall be provided every fifty feet, or at any change in pitch. All changes in horizontal alignment shall be accomplished using 22.5° bends.

- No footing drains, floor drains or roof leaders shall discharge into the area of any SDS.
- Deep test holes were dug in the area of the sewage disposal system and the results were as follows: (Date performed 5/22/08).

Deep Test Hole No. 1

0'-8" Topsoil
8"-8'0" Run of Bank Gravel
No Rock and/or Water Encountered

Deep Test Hole No. 2

0'-8" Topsoil
8"-8'0" Run of Bank Gravel
No Rock and/or Water Encountered

- Two (2) percolation tests were performed in the area of the proposed sewage disposal system. The percolation holes were dug to a depth of 24", presoaked and the results were as follows: (Date performed 6/03/08).

Perc Test No. 1 4, 4, 4 minutes
Perc Test No. 2 4, 4, 4 minutes

- Sewage Disposal System components & design:

- Septic Tank: 1,000 gallons
- Absorption Trenches: Flow = Q = 260 GPD (2 Bedroom)
- Application Rate = AR = 1.0 GPD/SF
- Required Length = 260 GPD / (1.0 GPD/SF) = 260 LF. Provide three (3) rows @ 50 LF/row for 150 LF total (Primary)

- No sewage disposal system laterals are to be installed in wet or frozen soils.

- All wells and SDS existing or approved within 200 feet of the proposed wells and sds are shown on this plan along with any other environmental hazards in the area that may affect the design and functional ability of the SDS and well.

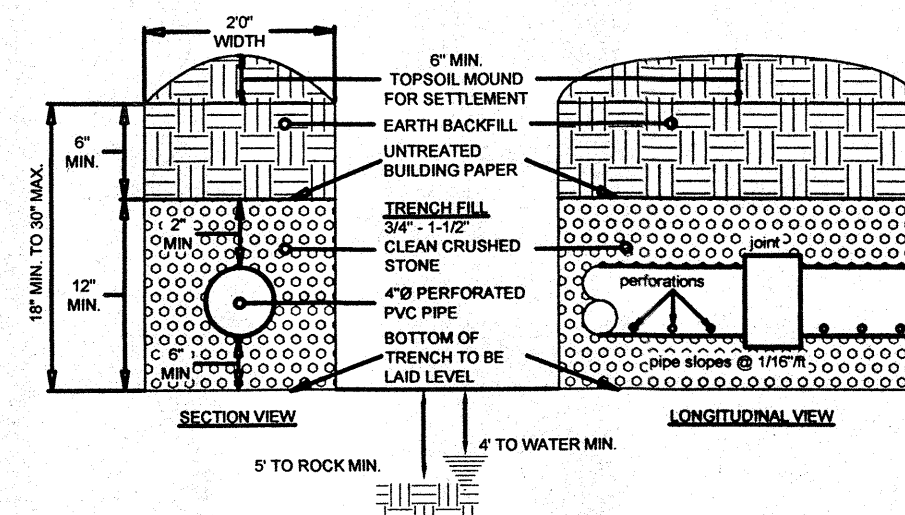
- The existing house located on the property is served by an existing well & sewage disposal system. This plan makes no representations as to design and/or adequacy of said system(s).

- Boundary and topographic survey by actual field survey by Paggi, Martin & Del Bene.

- The DCHD shall be contacted prior to commencement of the home construction and/or issuance of a building permit for a pre-construction inspection to ensure that the arrangements for water supply and sewage disposal are commenced in accordance with the approved plans and amendments thereto and generally accepted standards.

- There shall be no vehicular traffic over the sewage disposal system. Prior to construction, the areas of the system shall be staked out and fenced off.

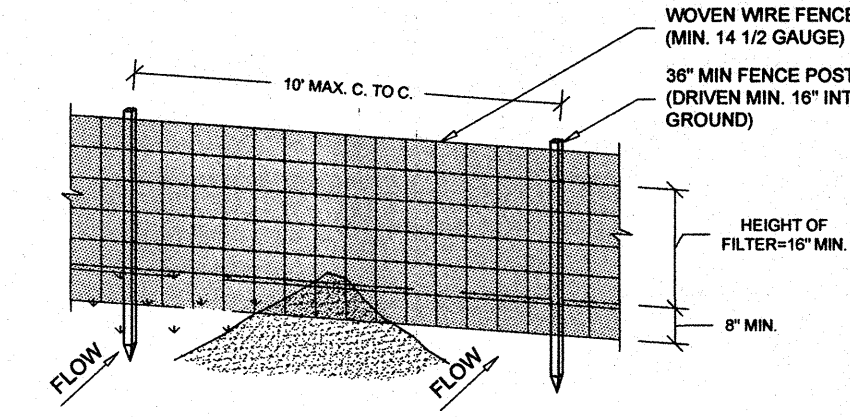
- All proposed wells and service lines on this Plan are accessible for installation and placement.



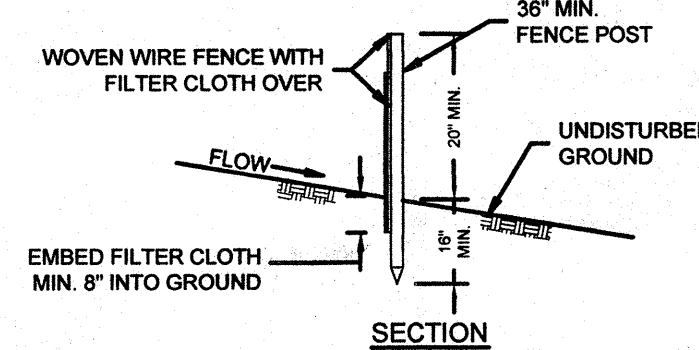
TYPICAL ABSORPTION TRENCH DETAIL
NO SCALE



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 2209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.



PERSPECTIVE VIEW

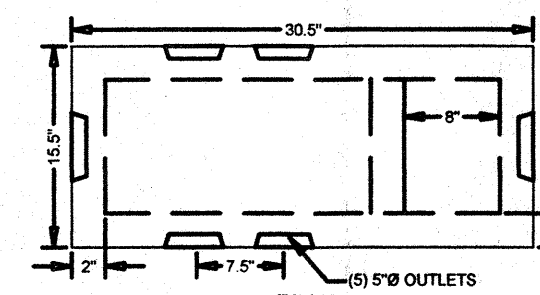


SECTION

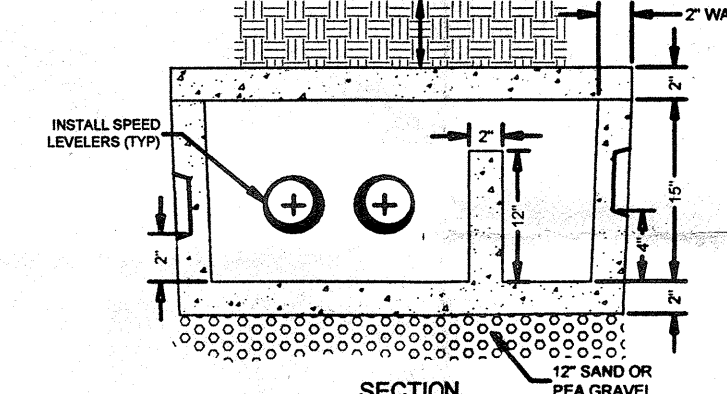
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS W/ WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND NO-SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND TIED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGED" DEVELOP IN THE SILT FENCE.

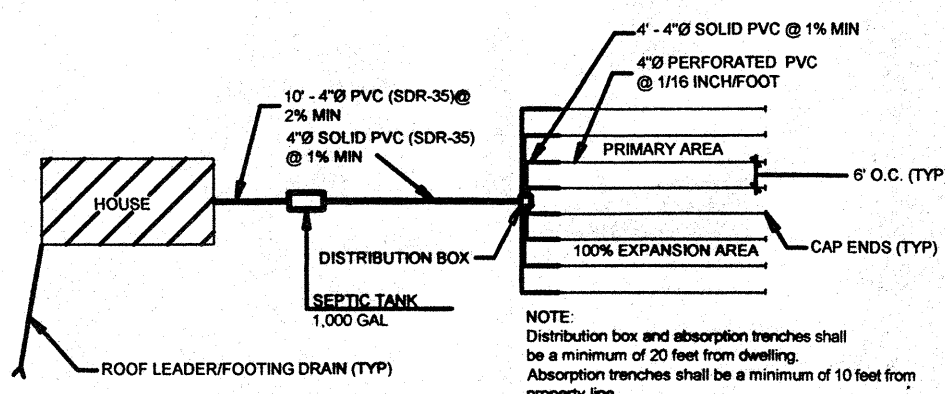
SILT FENCE DETAIL
NO SCALE



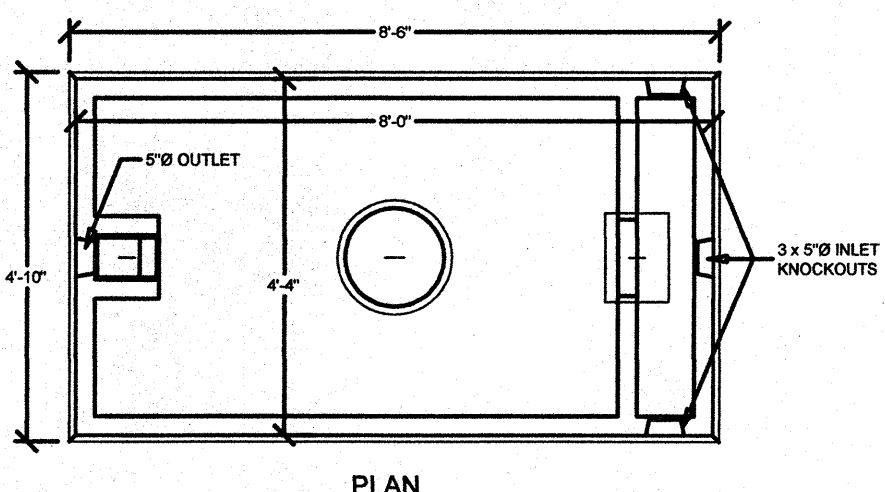
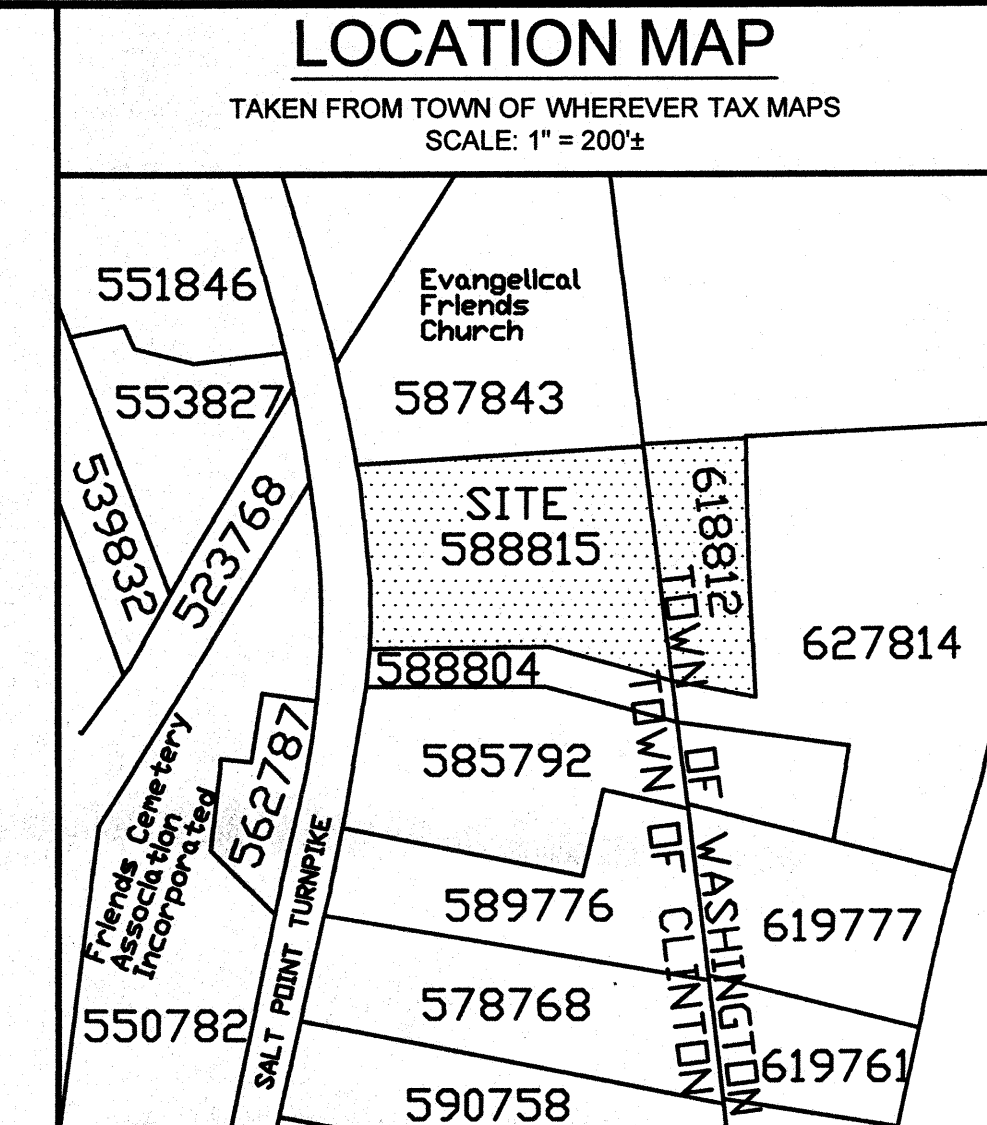
PLAN



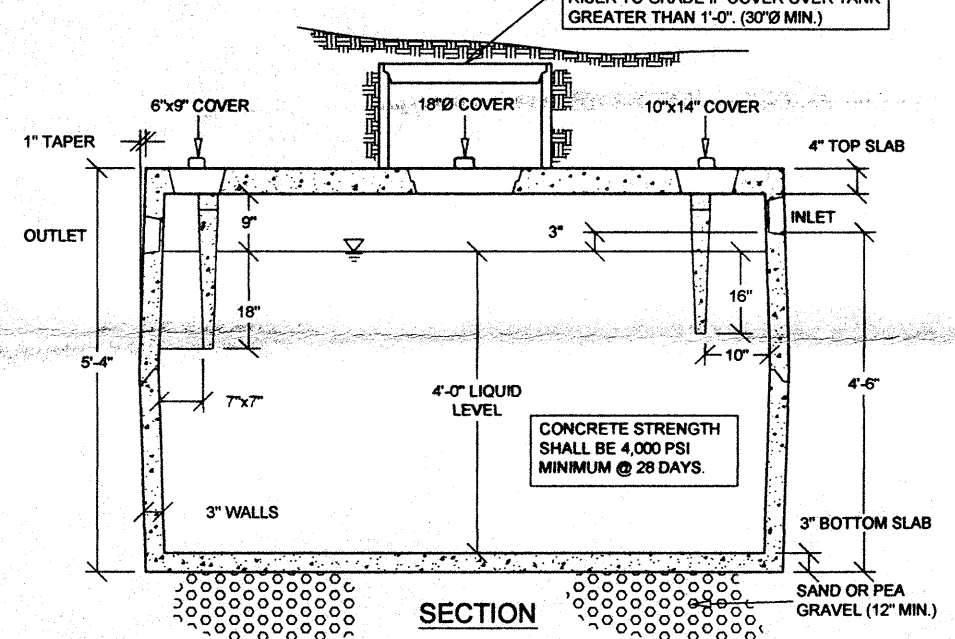
DISTRIBUTION BOX W/ BAFFLE
NO SCALE



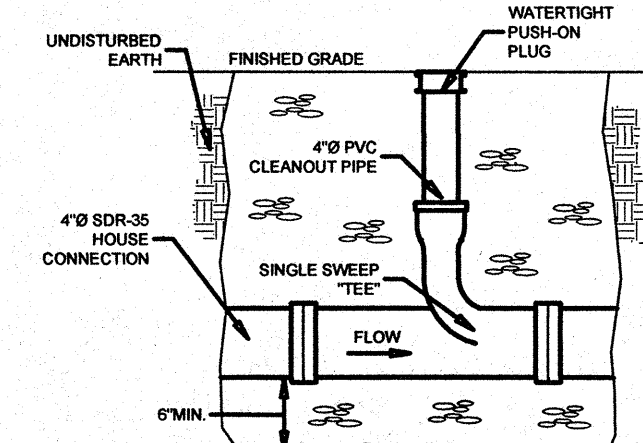
TYPICAL SEWAGE DISPOSAL SYSTEM LAYOUT
INGROUND SYSTEM
NO SCALE



PLAN



SEPTIC TANK - 1,000 GAL.
NO SCALE



CLEANOUT DETAIL
NO SCALE

OWNER'S CERTIFICATION

We, Matthew Pflister & Lisa Lahey Pflister, the undersigned, Owners of the property shown hereon, do hereby state that we have reviewed this map, contents, legends, and data, are familiar with the same and do hereby consent to all illustrations, terms, and conditions noted on this plan.

Matthew Pflister 6-19-09
SIGNATURE DATE

Matthew Pflister & Lisa Lahey Pflister
2444 Salt Point Turnpike
Clinton Corners, New York 12514

NO.	DATE	REVISION	BY
2	05/19/09	Misc. Notes	R.J.M.
1	05/03/09	Misc. Revisions per DCHD	R.J.M.
NO.	DATE	REVISION	BY
1	05/03/09	Misc. Revisions per DCHD	R.J.M.
2	05/19/09	Misc. Notes	R.J.M.

PROJECT: SEWAGE DISPOSAL SYSTEM & WATER SUPPLY FOR MATTHEW PFISTERER & LISA LAHEY PFISTERER
TAX GRID NO. 03-6566-02-588815
TAX GRID NO. 20-6566-02-618812
TOWN OF CLINTON & WASHINGTON
DUTCHESS COUNTY, NEW YORK
PAGGI, MARTIN, & DEL BENE, LLP
Consulting Engineers & Land Surveyors
56 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601