

NOTES:

1. Sewage disposal system shall be constructed in accordance with the Specifications set forth by the Westchester County Department of Health.
2. Water is to be supplied by municipal water, Town of Yorktown Consolidated Water District.
3. The proposed single family dwelling shall consist of four (4) bedrooms.
4. Proposed septic tank shall be a 1,250 gallon precast concrete tank.
5. Proposed absorption fields shall consist of the following:
200 LF of 4" perforated pipe upon a soil percolation rate of 7 min/in.
There shall also be an area of 100% expansion of the proposed system.
6. The proposed system is to be designed as a gravity system.
7. The areas designated for the proposed septic fields shall be physically marked on the ground and no construction equipment is to be allowed in these areas, except as required for construction of the proposed system.

SEQUENCE OF CONSTRUCTION:

1. The Contractor shall install proper erosion control procedures so as not to allow any sediment to be deposited onto the existing road.
2. The Contractor shall install the proposed 1,250 gallon septic tank and connect it to the proposed interior waste line.
3. The Contractor shall construct the proposed septic system from the last field and work his way to the already installed 1,250 gallon tank. Care shall be taken so as not to drive any vehicle over any of the proposed installed absorption field.

GENERAL NOTES:

1. Design, construction and installation shall be in accordance with this plan and generally accepted standards in effect at the time of construction which include, but not limited to:
a. Appendix 75-A, Waste Treatment Standards- Individual Household Systems, New York State Sanitary Code;
b. Waste Treatment Handbook, Individual Household Systems, New York State Department of Health;
c. Rural Water Supply, New York State Department of Health;
d. New York State Department of Health and Westchester County Department of Health Policies, Procedures and Standards;
e. Westchester County Department of Health, Rule and Regulations, Bulletin - SDB2.
2. This plan is approved as meeting the appropriate and applied technical standards, guidelines, policies and procedures for arrangement of a sewage disposal treatment and water supply facility.
3. As a condition of approval, a construction inspection representative of the local governing agency, if necessary, shall be done to determine that the construction at the time of the inspection was completed in general conformance with the approved plans and amendments thereof.
4. Approval of any plan or amendment shall be for a period of one (1) year from the date of approval. Following the expiration of said approval, the plans shall be submitted to the Commissioner of the Health Department for consideration of their approval. Re-submission of plans and/or associated documents shall be subject to the compliance with the technical standards, guidelines, policies and procedures in effect at the time of re-submission.
5. Upon completion of the sewage disposal system, a New York State Registered Professional Engineer shall certify the construction to the local governing agency, in writing, that the system is constructed in accordance with the approved plans.

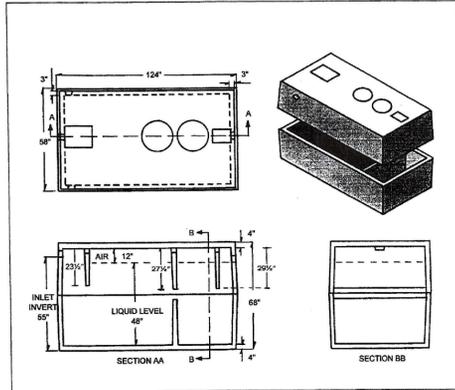
WCDDH NOTES:

1. The shall be no trees within 10 feet of the DWTS.
2. There are no wells within 200' of DWTS unless otherwise shown on plan.
3. There are no DWTS within 200' of well unless otherwise shown on plan.
4. The proposed DWTS area shall be isolated and protected against damage by erosion, storage of earth or materials, displacement, compaction or other adverse physical change in the characteristics of the soil or in the drainage of the area.
5. If for any reason the approved construction plan can not be followed, a revised plan must be prepared, submitted and approved by WCDDH.
6. The design professional shall supervise the construction of the DWTS and either the design professional and/or authorized person shall make an open works inspection.
7. Within 24-hours of the completion of the DWTS, the design professional must notify the WCDDH that the DWTS is ready for inspection by submitting a completed request for an open works inspection on the appropriate form to WCDDH.
8. That no backfilling of a completed DWTS can occur until after it has been inspected and accepted by the WCDDH.
9. After backfilling the DWTS, the area shall be covered with a minimum of 4 inches of clean top soil, seeded and mulched.
10. The installation of the DWTS shall be in accordance with the Rules and Regulations for the Design and Construction of Residential Subsurface Sewage Treatment Systems and Drilled Wells in Westchester County, NY.
11. All pipes connecting to tank and boxes shall be cut flush with the inside wall of the box.
12. The proposed DWTS shall be installed by a Westchester County licensed septic contractor. Well shall be installed by a New York State Department of Conservation Registered well driller.
13. Prior to any excavation, all underground utilities must be located. Call 1-800-962-7962.
14. The WCDDH approval expires one (1) year from the date on the approval stamp and is required to be renewed on or before the expiration date. The approval is revocable for cause or may be amended or modified when considered necessary by the department.



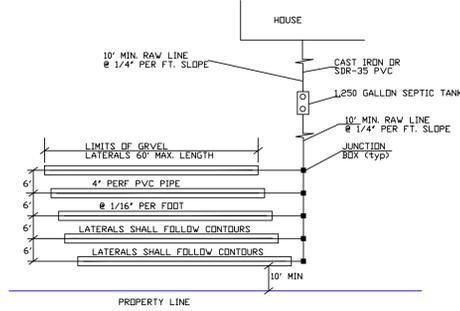
NY-1250-S
(1250 Gallon Septic Tank)

Length	Width	Height	Invert	Liq. Lev.	Air	Weight
124"	58"	68"	55"	48"	12"	1110#

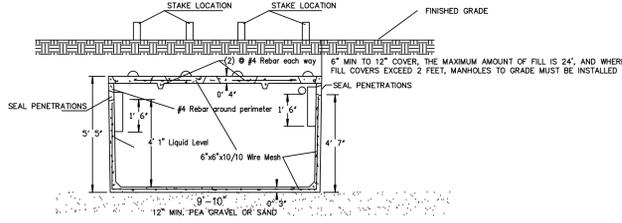


Concrete 4000 PSI 28 days
Reinforcement complies with ACI-318-ASTM A-185-ASTM A-615
Meets State Health Code
Construction Joints Sealed with Asphalt Rope or Equal

39 PADANARAM ROAD
DANBURY, CT 06811
1-800-247-5559
PHONE: 203-743-5559
FAX: 203-790-7011
NY-1250-S

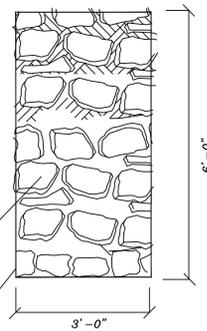


TYPICAL DISPOSAL FIELD
N.T.S.

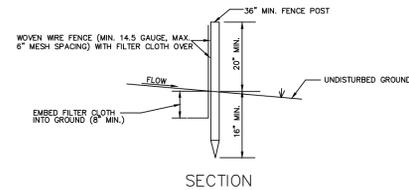


NOTES:
A MANHOLE IS REQUIRED ON EACH COMPARTMENT FOR A TWO-COMPARTMENT SEPTIC TANK.
THE CONTRACTOR SHALL SEAL PENETRATIONS IN THE SEPTIC TANK SO THAT THE SEPTIC TANK IS WATER-TIGHT. GASKETS OR AS PER THE MANUFACTURER'S SPECIFICATIONS. THE SEPTIC TANK SHALL BE CONSTRUCTED FROM CONCRETE WHICH SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT A STANDARD 28 DAY COMPRESSIVE TEST.
#4x10" GA. WELDED WIRE FABRIC SHALL BE USED AS REINFORCEMENT FOR THE SEPTIC TANK.
TWO-PIECE SEPTIC TANKS SHALL BE USED WITH A BUTYL.

TYPICAL 1,250 GALLON SEPTIC TANK
N.T.S.

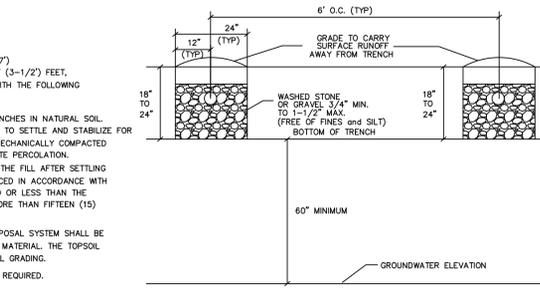


RIP-RAP OUTLET PROTECTION DETAIL
SCALE: N.T.S.

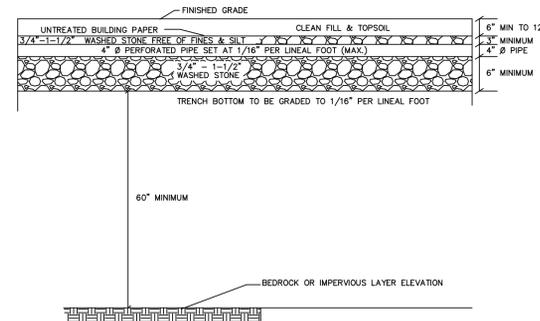


1. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH SHALL BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN "BLUES" DEVELOP IN THE SILT FENCE.

SILT FENCE

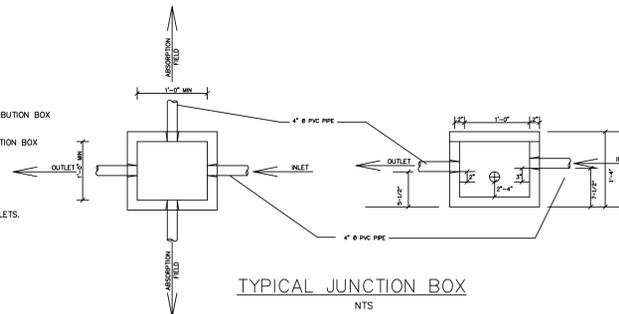


NOTES:
IF ROCK OR UNSUITABLE SOIL IS LESS THAN SEVEN (7) FEET AND HIGH SEASONAL GROUNDWATER IS LESS THAN SEVEN (7) FEET, BUT IN EITHER CASE NO LESS THAN THREE AND ONE-HALF (3-1/2) FEET, THE LOT MAY BE IMPROVED BY FILL MATERIAL IN ACCORDANCE WITH THE FOLLOWING CONDITIONS:
1. A SATISFACTORY PERCOLATION RATE AT TWENTY-FOUR (24) INCHES IN NATURAL SOIL.
2. ROSS FILL MATERIAL APPLIED TO IMPROVE THE LOT IS ALLOWED TO SETTLE AND STABILIZE FOR A PERIOD OF SIX (6) TO NINE (9) MONTHS OR, IF GRAVEL, MECHANICALLY COMPACTED FOR A PERIOD OF SIX (6) TO NINE (9) MONTHS IN A MANNER WHICH WILL ALLOW ADEQUATE PERCOLATION.
3. DEEP TESTS AND PERCOLATION TESTS SHALL BE REQUIRED IN THE FILL AFTER SETTLING AND STABILIZATION, EXCEPT IN GRAVEL WHICH HAS BEEN PLACED IN ACCORDANCE WITH ITEM 2 ABOVE. PERCOLATION RATES SHALL BE EQUIVALENT TO OR LESS THAN THE PERCOLATION RATE OF THE VIRGIN SOIL AND SHALL BE NO MORE THAN FIFTEEN (15) MINUTES PER INCH STABILIZED RATE.
4. PRIOR TO PLACEMENT OF FILL, THE AREA OF THE SEWAGE DISPOSAL SYSTEM SHALL BE CLEARED OF BRUSH, DEBRIS, TREES AND ALL MISCELLANEOUS MATERIAL. THE TOPSOIL SHALL BE STRIPPED AND STORED ON-SITE AND USED FOR FINAL GRADING.
5. A ONE HUNDRED PERCENT (100%) EXPANSION AREA SHALL BE REQUIRED.



NOTES:
ALL ENDS OF PIPES SHALL BE CAPPED IN ABSORPTION FIELDS.
BACKFILL MATERIAL SHALL CONTAIN NO PARTICLES WITH ANY DIMENSION GREATER THAN 4".
A SAMPLE OF BACKFILL MATERIAL SHALL BE SUBMITTED TO AND APPROVED BY THE COUNTY HEALTH DEPARTMENT BEFORE BEING DEPOSITED.

TYPICAL TRENCH SECTION
N.T.S.



- NOTES:**
- A MINIMUM OF 1" OF 4" Ø SOLID PIPE SHALL BE PROVIDED PRIOR TO THE START OF THE TRENCHES.
 - PLACED ON SINGLE BRANCH DISTRIBUTORS
 - WATERPROOF MASONRY CONSTRUCTION
 - TIGHT JOINT SOLID PIPE FROM SEPTIC TANK OR DISTRIBUTION BOX TO JUNCTION BOX AND BETWEEN ALL BOXES.
 - INSIDE PIPES TO BE CUT FLUSH WITH INSIDE OF JUNCTION BOX
 - ALL UNUSED OUTLETS SHALL BE PLUGGED.
 - A BED OF 12" OF PEA GRAVEL OR SAND SHALL BE PROVIDED UNDER THE JUNCTION BOX.
 - THE INVERT ON THE INLET PIPE SHALL BE A MINIMUM OF 2" HIGHER THAN THE INVERT OF ANY OF THE OUTLETS.
 - ALL OUTLETS SHALL BE AT LEAST 2" OFF THE FLOOR OF THE BOX.
 - THE MAXIMUM FILL COVER IS 12"
 - THE BOTTOM OF THE BOX MUST BE SET LEVEL AND SUPPORTED SOLIDLY TO BELOW FROST LINE.

TYPICAL JUNCTION BOX
N.T.S.



General Notes

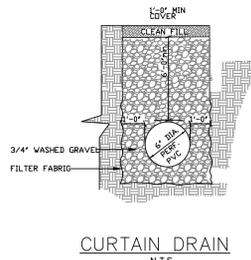
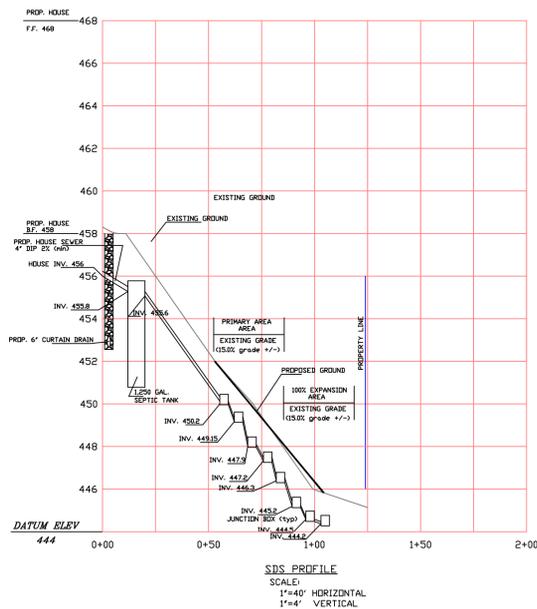
UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209(2) OF NYS EDUCATION LAW.

No.	Revision/Issue	Date
4	WCDDH COMMENTS	0/16/25
3	REVISED OWTS LOCATION w/CURTAIN DRAIN	9/17/25
2	WCDDH COMMENTS	4/30/25
1	WCDDH COMMENTS	4/8/25

JEFFREY A. ECONOM, P.E.
CONSULTING ENGINEER
48 LOGANBERRY COURT
HOPEWELL JUNCTION, N.Y. 12533
PHONE: (845) 554-8442
EMAIL: joeconom@optonline.net

SSDS DETAILS
for
ADORNO PROPERTY - LOT 57
3771 PERRY STREET
JEFFERSON VALLEY, NY 10535

Project C:\JOBS\24-25\ADORNO OWTS DETAILS.DWG	
Date 10/15/24	Sheet D-1
Scale AS NOTED	



CURTAIN DRAIN
N.T.S.