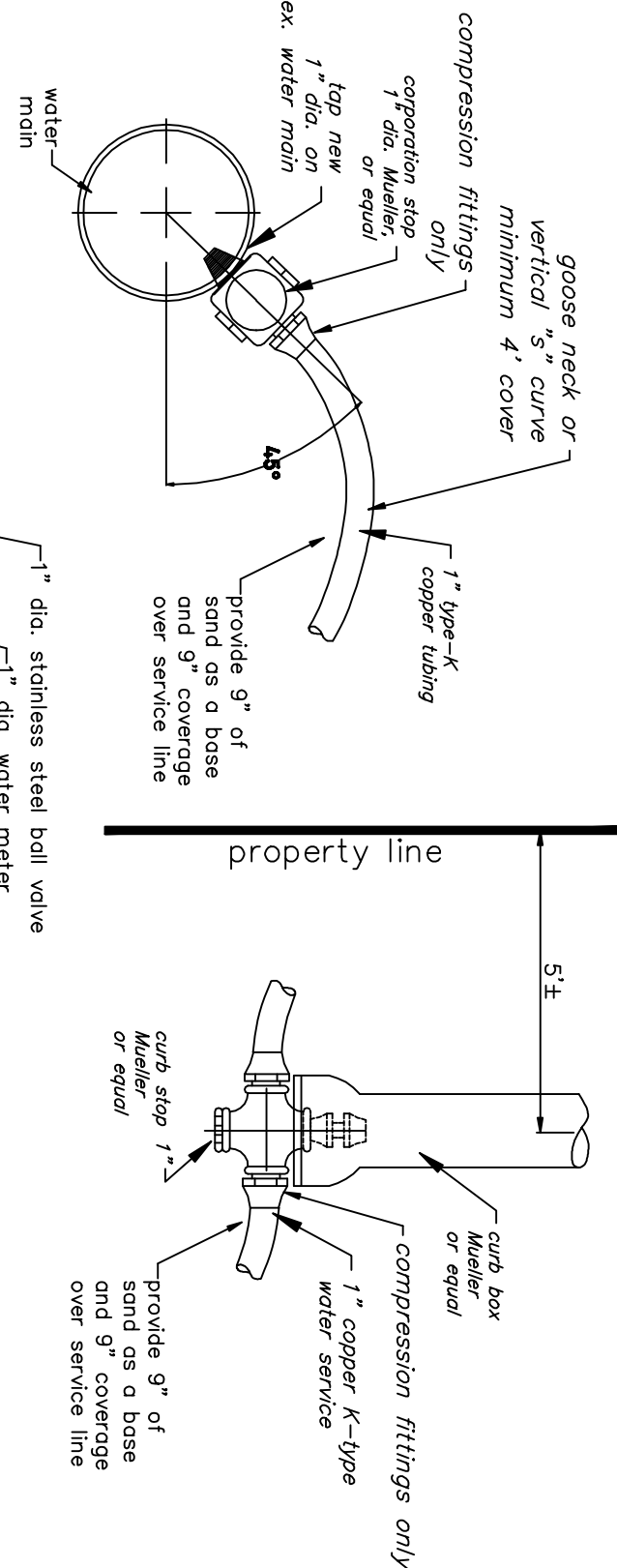
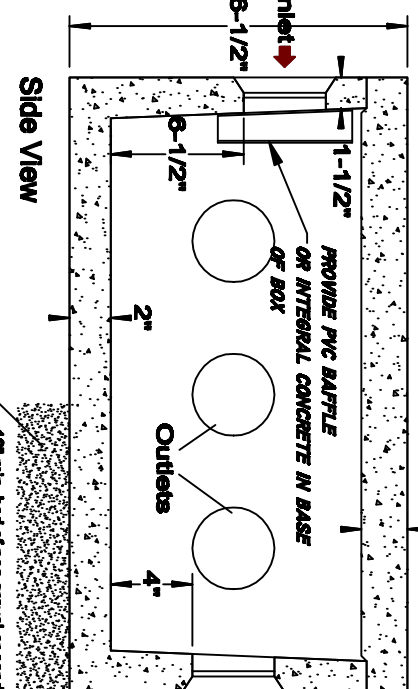
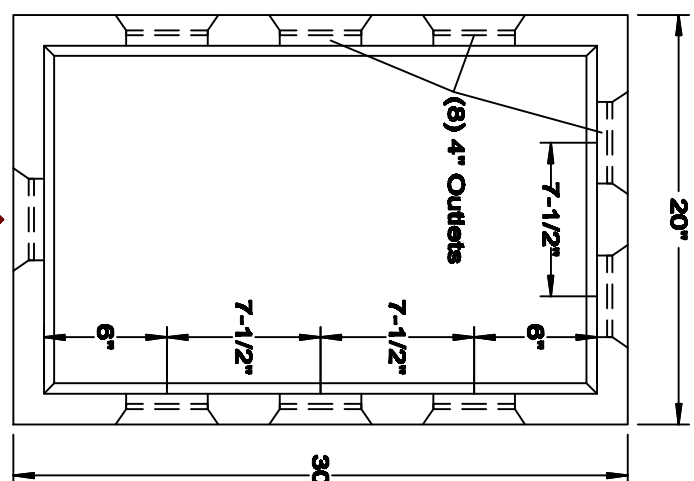


Water Service Notes:

- Construction of reliable water utility and connection to the Town of Marlborough water system requires a permit from the Town of Marlborough Water Department. All construction shall conform to the requirements of the Town of Marlborough and the NYSDEC.
- Curb stops, corporation stops, and all other water line appurtenances to be manufactured by Mueller. All fitting to be compression type. All products to be supplied by a single supplier.



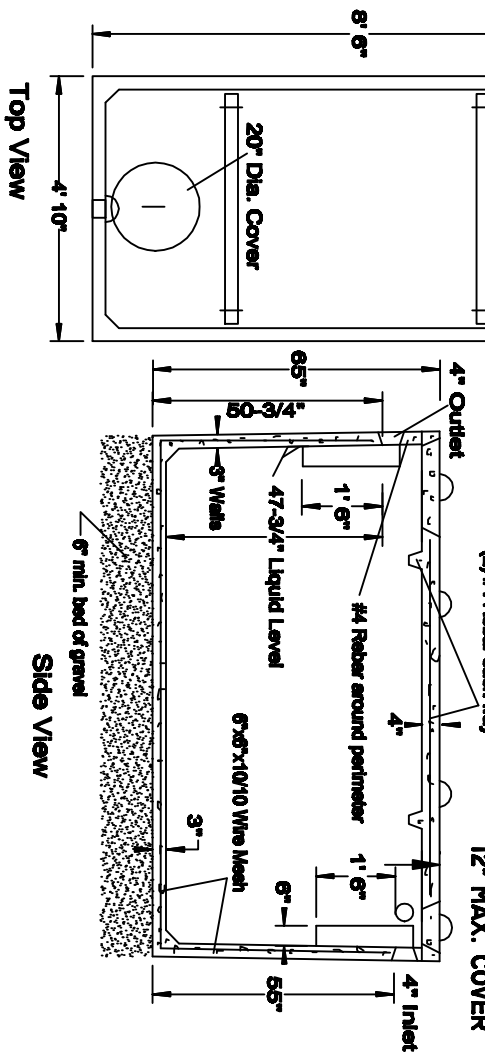
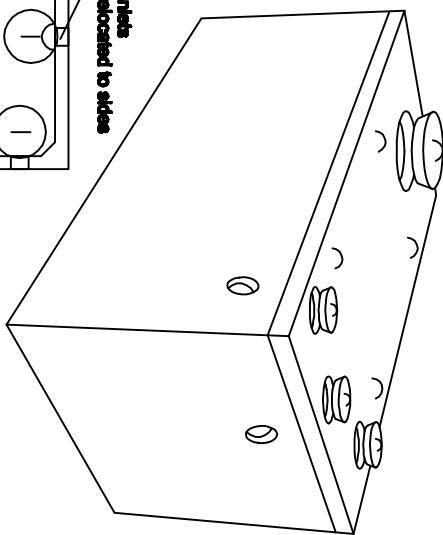
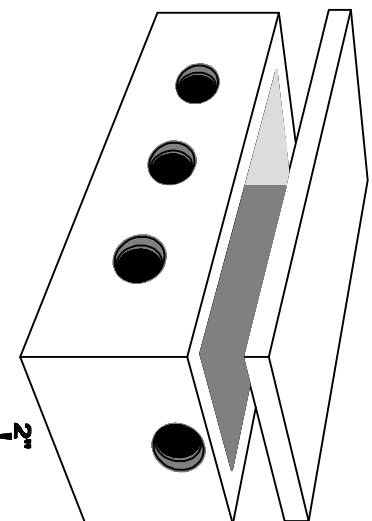
Typical Water Service Connection
not to scale



SPECIFICATIONS	
Concrete Min. Strength: 4,000 psi at 28 days	PRECAST DISTRIBUTION BOXES
Reinforcement: #4 Rebar, 6x6x10ga. wire mesh	MODEL DB-8 / 8 OUTLET BOX
Pipe Connection: Polylok Seal (patented)	
Load Rating: 300 psi	
Weight = 280 lbs	
Woodard's Concrete Products, Inc. 623 Lynch Road, Bullville, NY 10816 (646) 581-5471 / fax 581-1050	

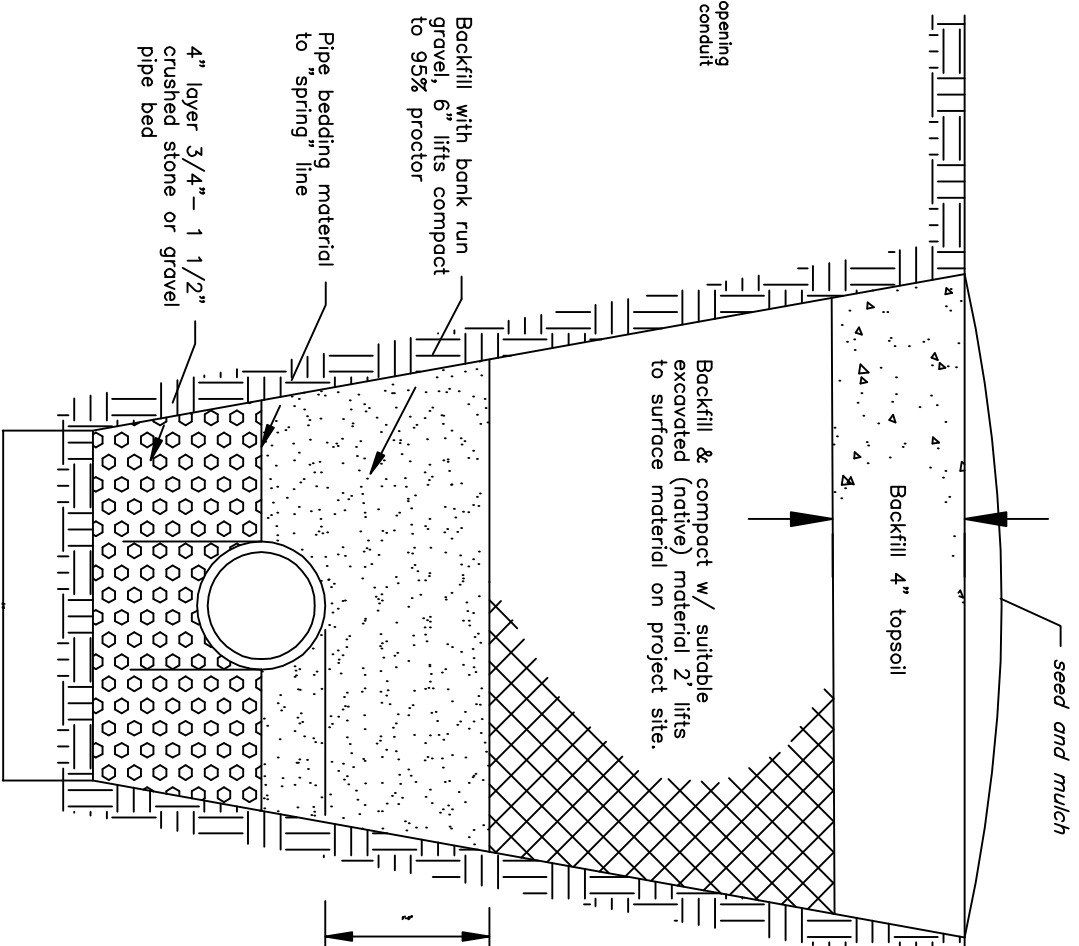
DISTRIBUTION BOX NOTES:

- Pipe joints to be sealed with asphaltic material or equivalent.
- Invert elevations of all outlets to perforated distributor boxes must be equal.
- The distributor box shall be placed on a 12" min. bed of pea gravel or sand and shall have 12" max. of cover.
- All manned holes in distribution boxes are to be plugged.
- Provide gravel frontfill in outlet pipes in 6' box.

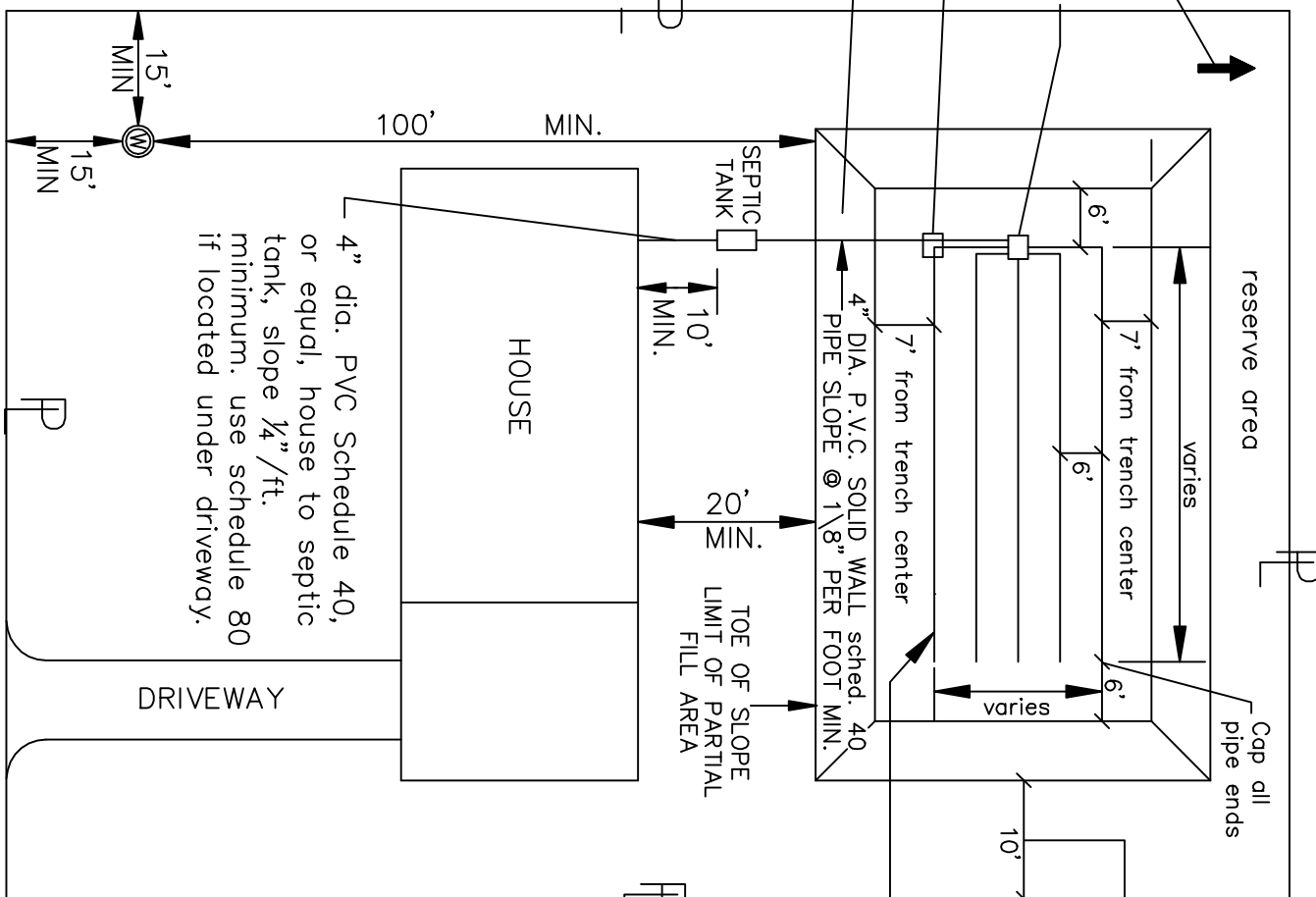


Side View

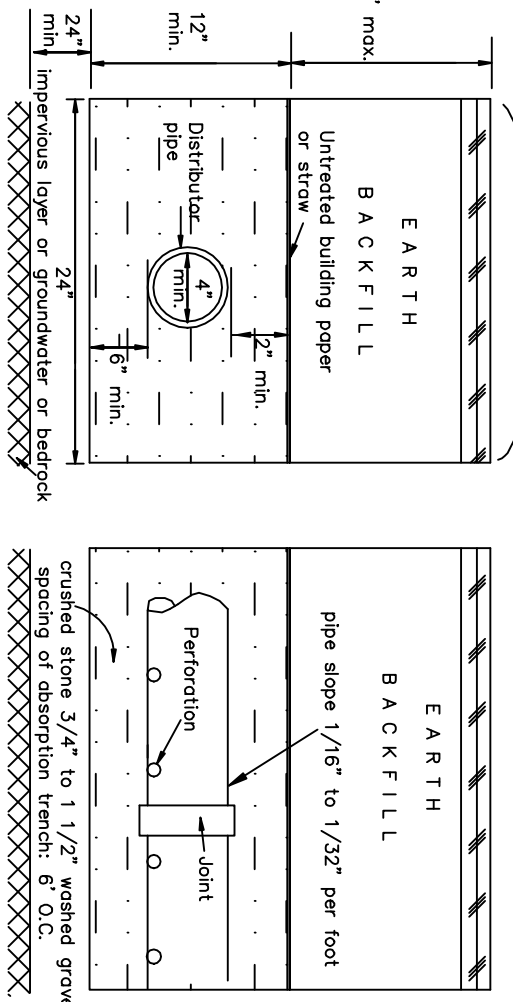
SPECIFICATIONS	
Concrete Min. Strength: 4,000 psi at 28 days	PRECAST SEPTIC TANKS
Reinforcement: #4 Rebar, 6x6x10ga. WWM	MODEL ST-1000 / 1000 GALLONS
Cover: 60" dia. cover, 6x6x10ga. wire mesh	
Pipe Connection: Polylok Rubber Sealant	
Load Rating: 300 psi	
Weight = 8,700 lbs	
Woodard's Concrete Products, Inc. 623 Lynch Road, Bullville, NY 10816 (646) 581-5471 / fax 581-1050 Page 2A 6/10/03	



Typical Utility Trench Detail
BETWEEN D-BOX AND SEPTIC TANK
(NOT TO SCALE)

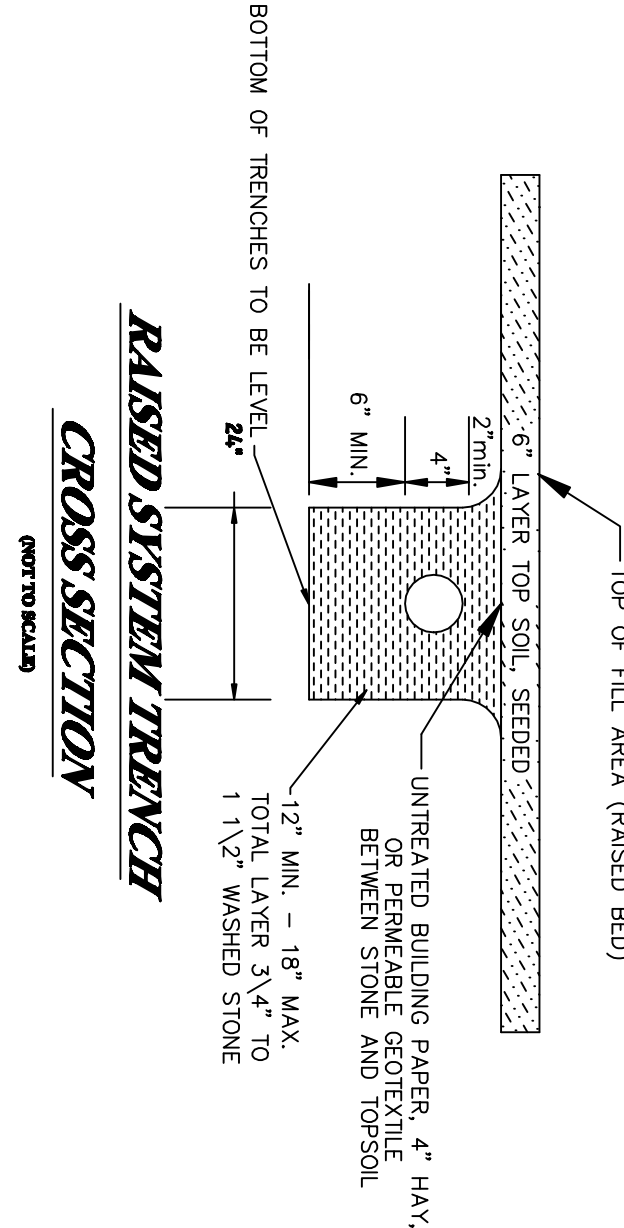


TYPICAL LOT LAYOUT
(NOT TO SCALE)

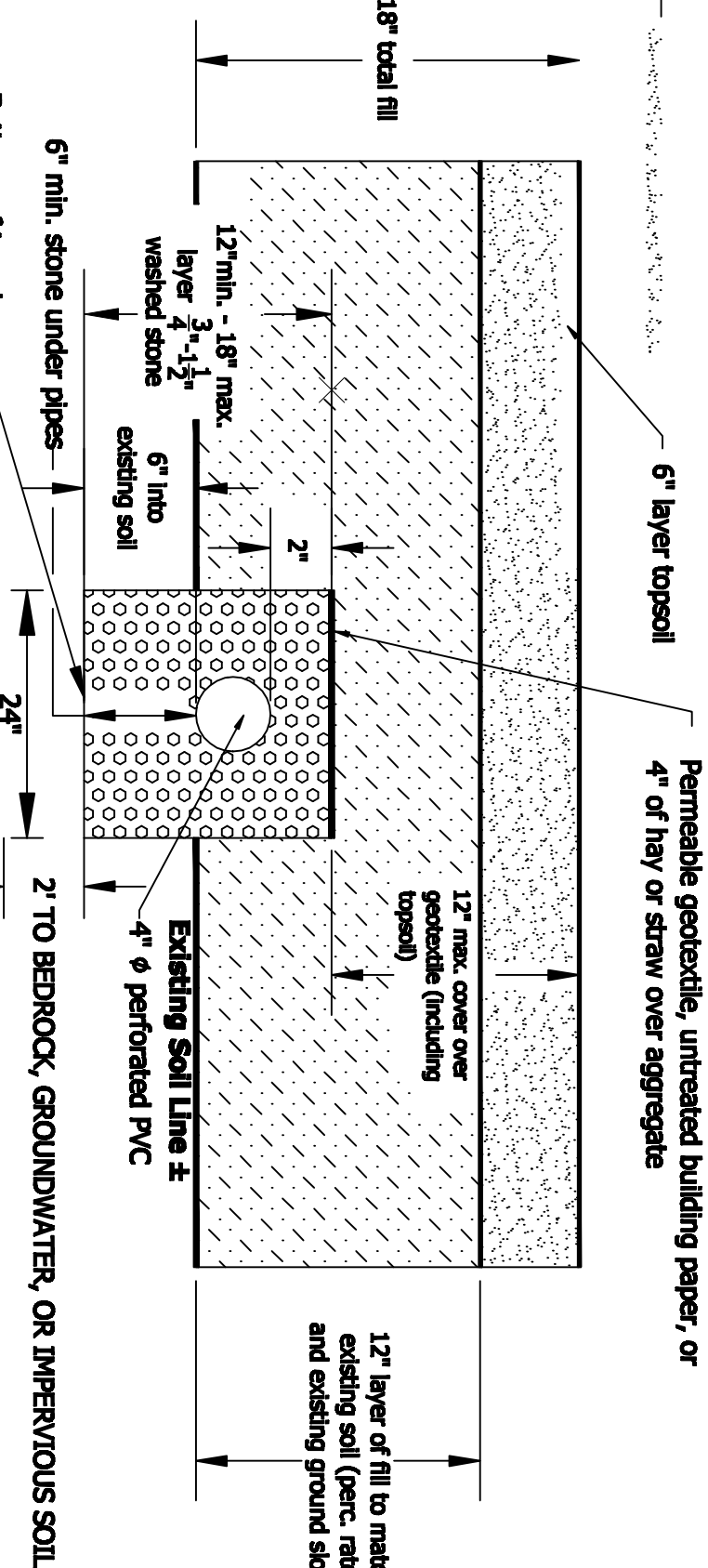


TYPICAL ABSORPTION TRENCH DETAIL
(not to scale)

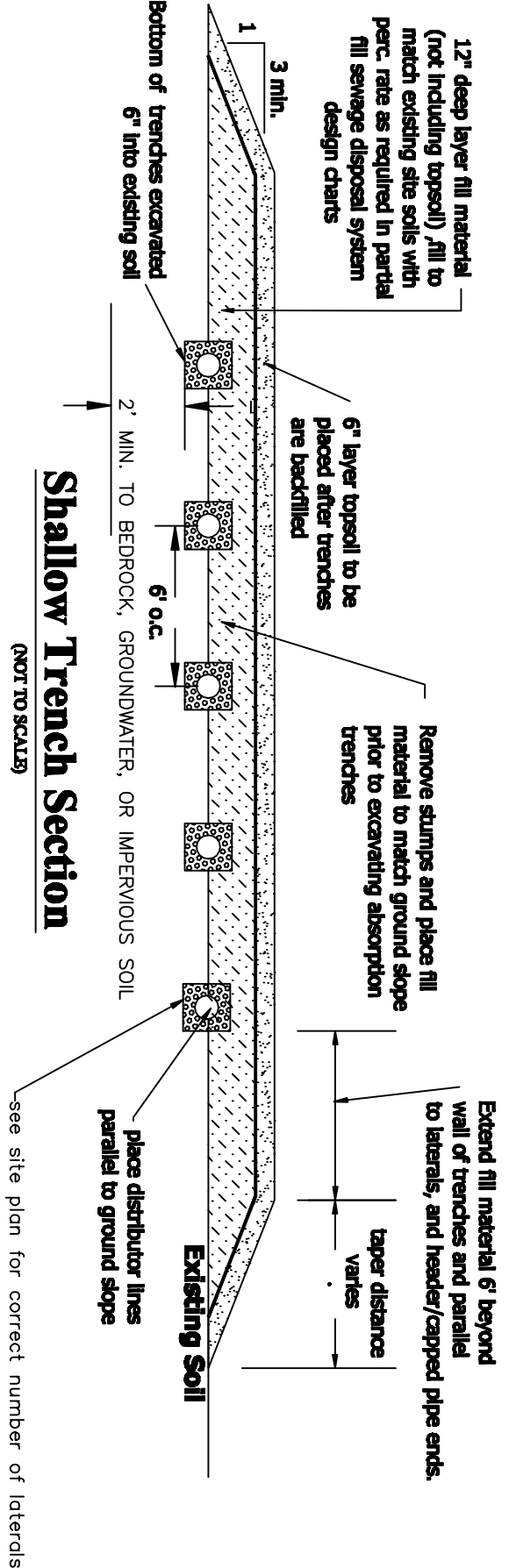
- NOTES:
- Do not install trenches in wet soils.
 - Rock sides and bottom of trench prior to placement of fill.
 - Ends of all distributor pipes must be capped.



RAISED SYSTEM TRENCH
CROSS SECTION
(NOT TO SCALE)

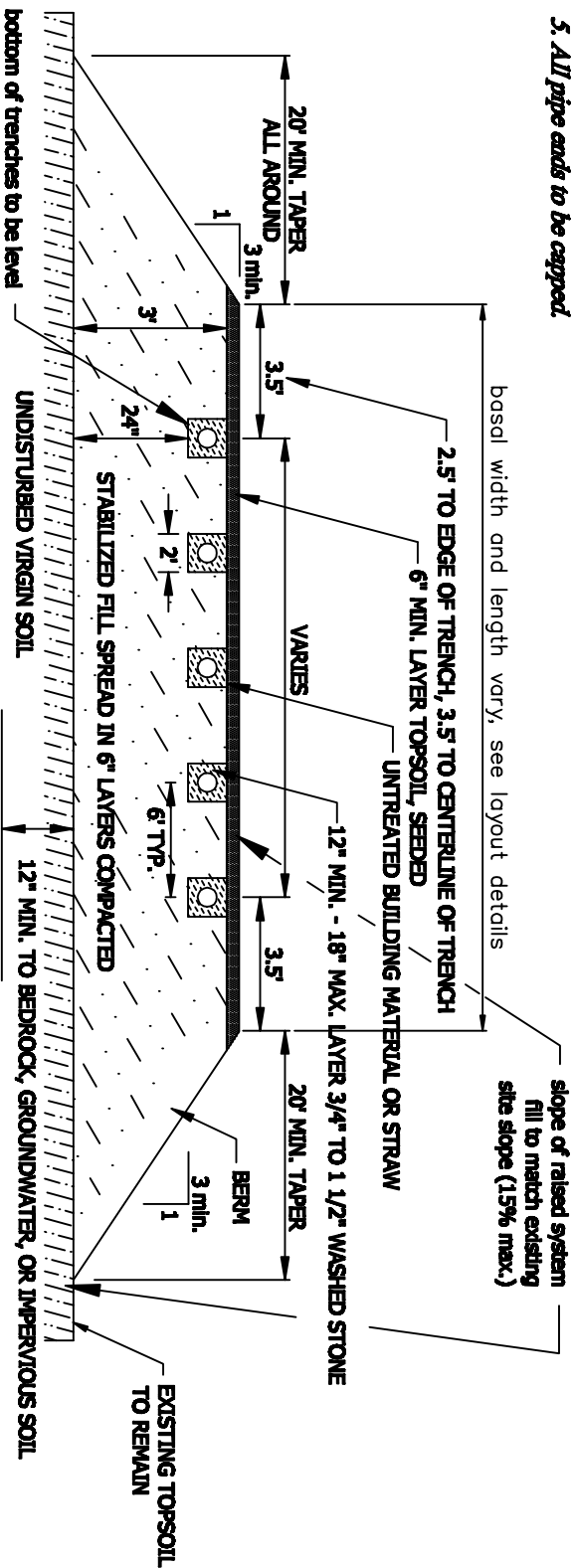


TYPICAL SHALLOW ABSORPTION TRENCH
Cross Section
(NOT TO SCALE)



Shallow Trench System Notes:

- Bottom of all trenches shall be 6" below original grade as per the design for the initial and reserve areas.
- Usable fill should have a percolation rate similar to but not faster than the usable soil percolation rate.
- Minimum depth of usable fill plus six inches of topsoil shall not exceed 30 inches.
- Trench bottoms shall be level. Trenches shall be parallel to ground contours.
- On sloped sites, a diversion ditch shall be constructed uphill from the fill to prevent surface runoff from entering the fill.
- Fill shall extend at least six feet beyond end/edges of trenches before starting 1 on 3 taper.
- Do not install trenches when soil is wet.
- Rock sides and bottom of trenches prior to placing gravel.
- All pipe ends to be capped.



SECTION A-A
RAISED SYSTEM BED
(NOT TO SCALE)

RAISED SEWAGE DISPOSAL SYSTEM NOTES

- All lines within average disposal areas shall be cut at grade. The existing underlying soil shall be undisturbed.
- RRI material shall be placed in 6" lifts and compacted by dense to the approximate density of the undisturbed borrow pit soil.
- The type of RRI material shall be sandy loam having a percolation rate of 8-12 minutes. Percolation testing shall be done at the borrow pit and on the average disposal system after construction and prior to installation of the trenches.
- No driveways, walkways, or parking areas shall be constructed over any portion of the sanitary sewage disposal system.
- All pipe ends to be capped.

GENERAL SANITARY NOTES:

- No roof, cellar, or footing drains to be discharged into sewage disposal system.
- All boxes must be cut from the bed of the trench.
- All sanitary disposal systems are subject to all rules and regulations as set forth for the protection of the New York City Water Shed Area. If site is located within any reservoir watershed, sewage disposal system, or parking areas shall be constructed over any portion of the sanitary sewage disposal system.
- No cesspools or any sewage disposal system shall be located within 100' of any water body.
- Seven septic tanks shall be UL-70 approved.
- RRI was based on 110 gph/inch, using new standard flow curves.
- The proposed sewage disposal system on this lot or 600' down grade from 10' above the bed of the trench shall be less than 100' down grade or 10' above the bed of the trench.
- If any part of this plan is unclear to the contractor, the contractor must contact the engineer prior to construction.
- The contractor shall be responsible for the construction of the system and its various stages of construction.
- A licensed professional engineer, and representative of the Ulster County Health Department must approve the system being placed on the plan.

Specific Sanitary Notes:

1. No roof, cellar, or footing drains to be discharged into sewage disposal system.

Permeable geotextile, untreated building paper, or 4" of hay or straw over aggregate

Owner/Applicant:

Nima Contracting Inc.
Nicholas Gallego
17 Sunrise Drive
Milton, N.Y. 12547

REVISIONS			
NO.	DATE	DESCRIPTION	BY
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Water and Sewage Disposal Details

3 lot Subdivision for

Nima Contracting Inc.

Subdivision of Lot 8A (15.709 acres) as shown on Filed Map #14-17

Deed Reference: Liber 5207, Page 49

Tax Map: Section 102.4, Block 2, Lot 32.810

File Map References: #10-175, #14-17

Town of Marlborough Ulster County New York State
Scale: as shown Date: May 7, 2018

A DACHSHIN AND ASSOCIATES, P.C.
LAND ACQUISITION & CONSULTING ENGINEERS
170 Treadle Run Road / New Paltz, N.Y. 12561
PHONE / (845) 419-5888 FAX / (845) 419-5888

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