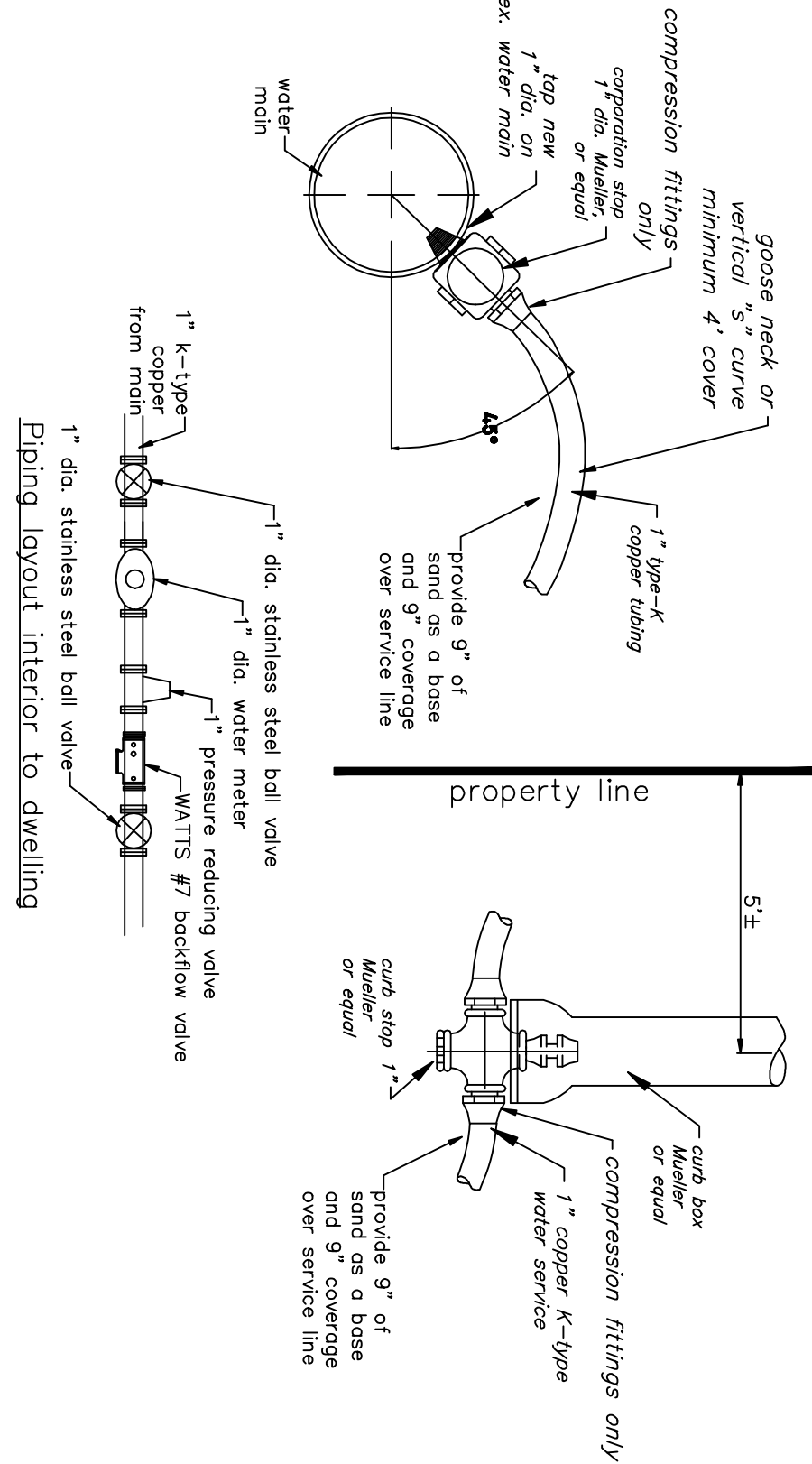


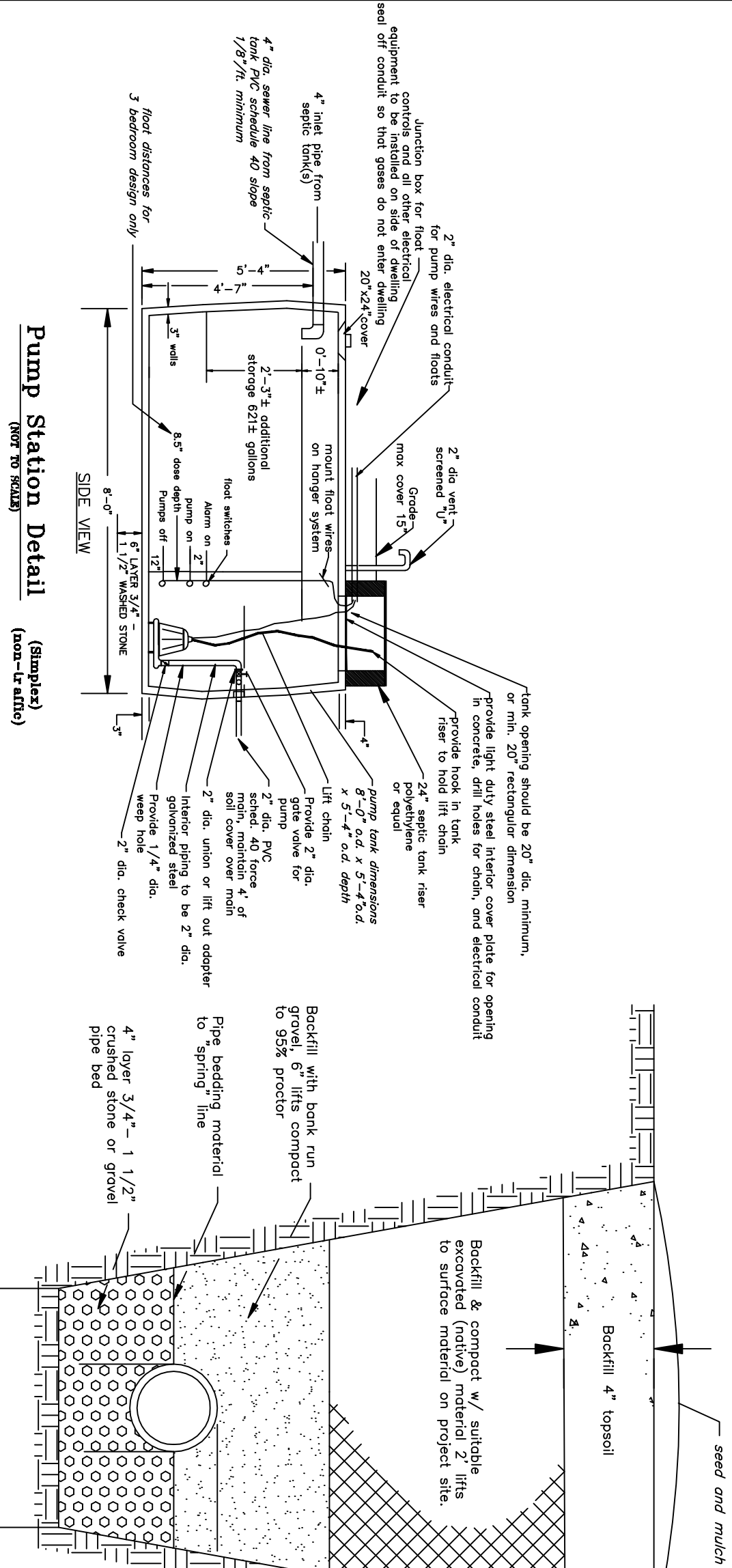
Water Service Notes:

- 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



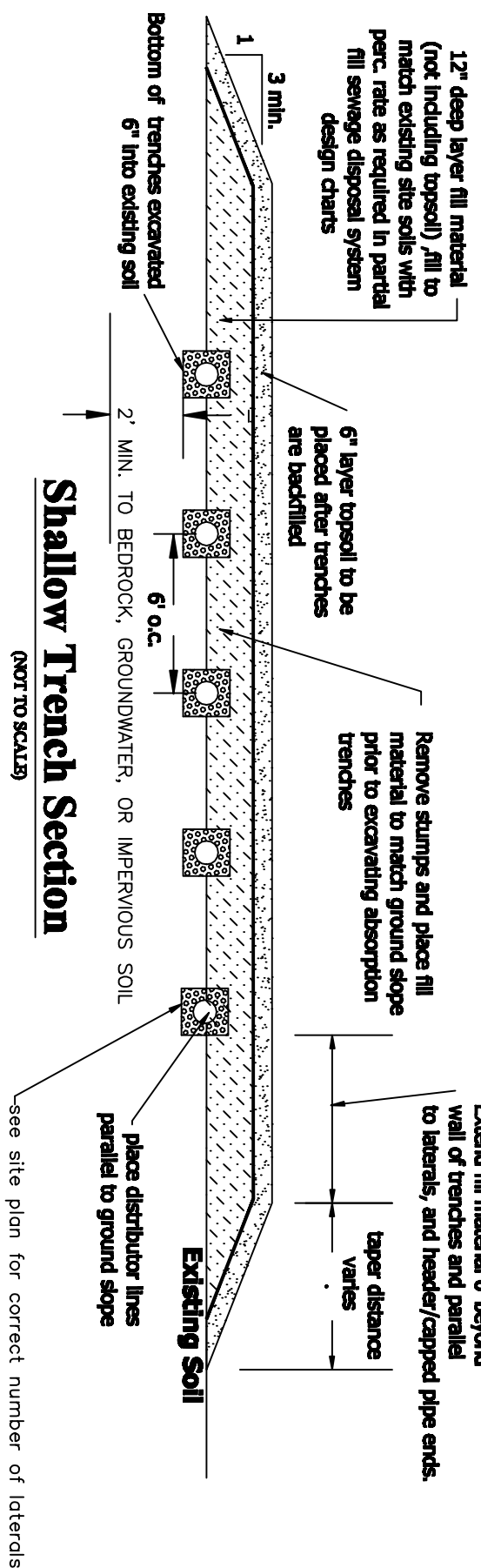
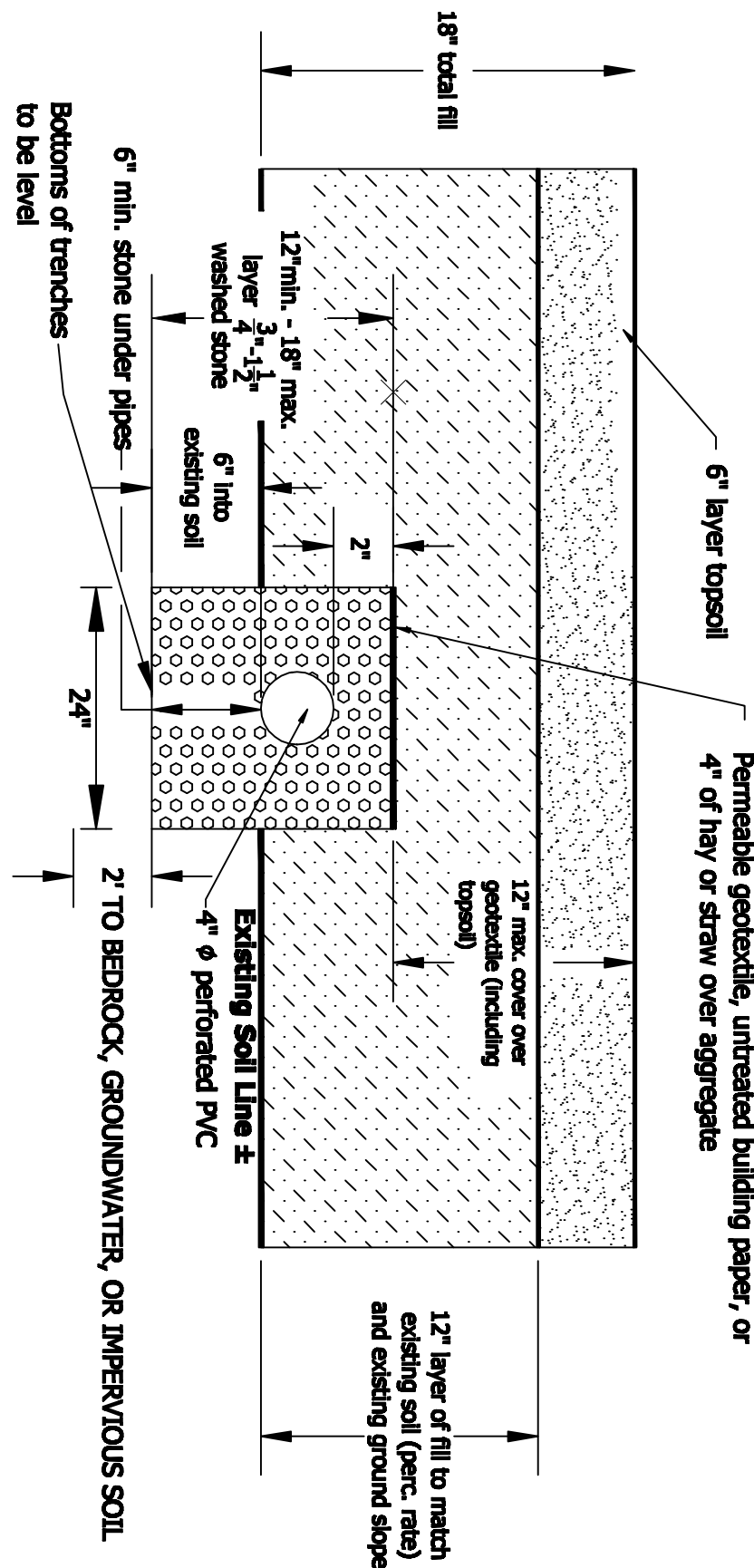
Typical Utility Trench Detail  
BETWEEN D-BOX AND SEPTIC TANK  
(NOT TO SCALE)

GENERAL SANITARY NOTES:

- No roof, cellar, or footing drains to be discharged into sewage disposal system.
- All trees must be cut from the field areas.
- No basement fixtures are permitted without special sewage design.
- Sanitary fixtures shall be installed in accordance with the requirements of the New York City Water Supply and Sewerage Department.
- No driveways, roadways, or parking areas shall be constructed over any portion of the sanitary sewage disposal system.
- No component part of any sewage disposal system shall be located or maintained within 100 feet of any spring, reservoir, brook, marsh or any other body of water.
- Steel septic tanks shall be UL-70 approved.
- Flow rate based on 110 GPD/bedroom, using new standard flow saver fixtures.
- There are no existing wells less than 100' upgrade or 200' down grade from the proposed well.
- There are no existing sewage disposal systems less than 100' down grade from the proposed well on this lot.
- If any part of this plan is unclear to the contractor, the contractor must contact the engineer noted below for clarification prior to proceeding any work.
- The contractor must contact the engineer to discuss construction scheduling.
- A licensed professional engineer and representative of the Ulster County Health Department is to inspect and certify the construction of this system and its various stages of construction and prior to the system being placed on line.

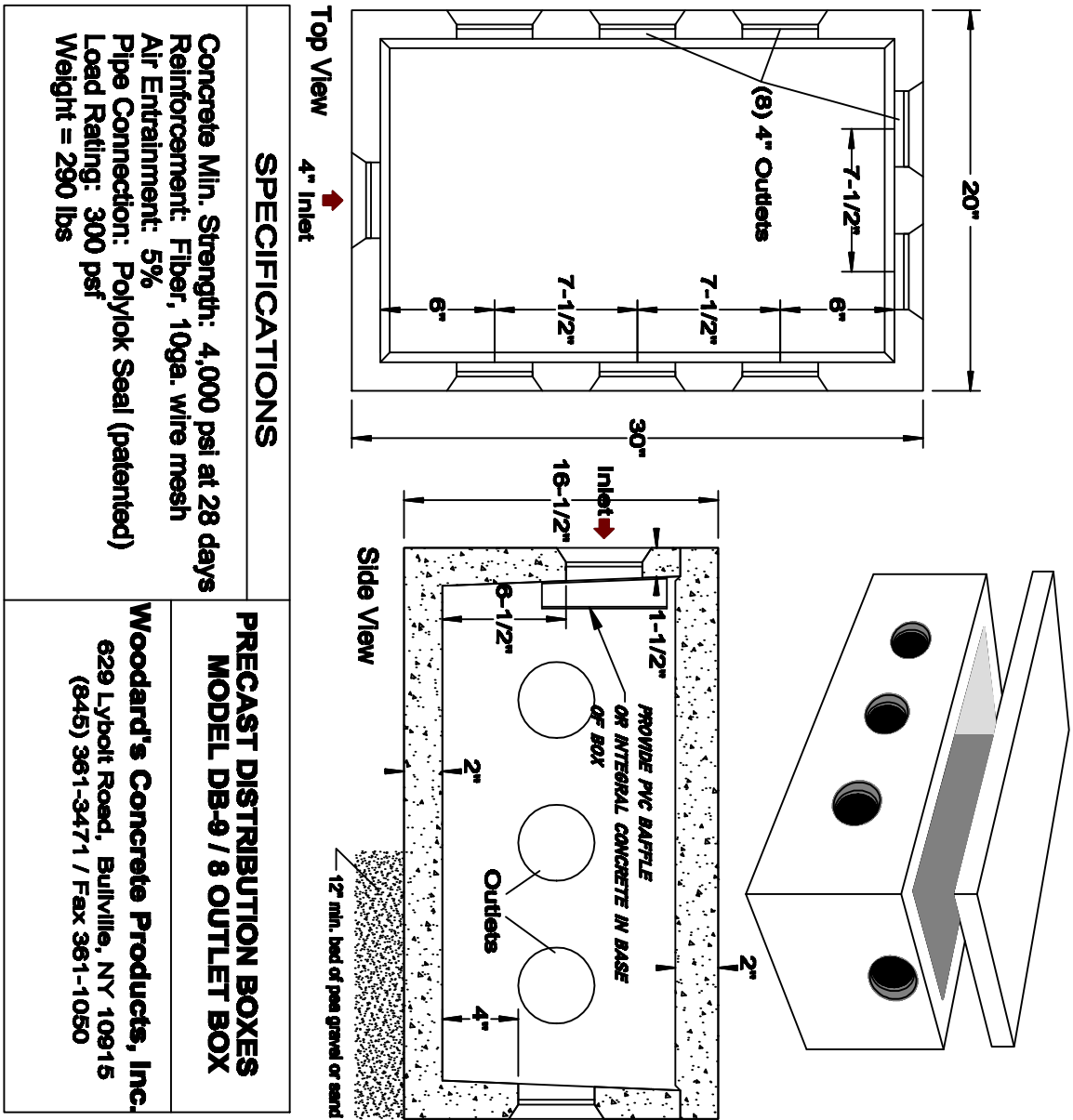
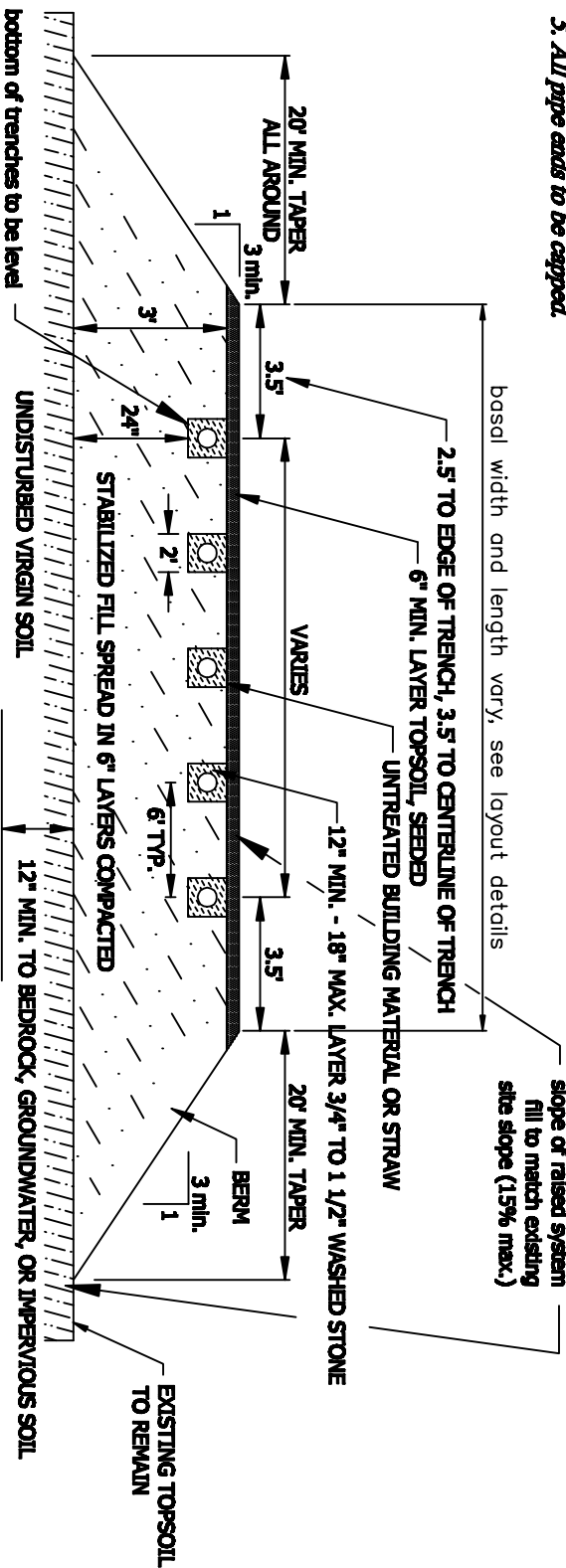
Specific Sanitary Notes:

1.



RAISED SEWAGE DISPOSAL SYSTEM NOTES

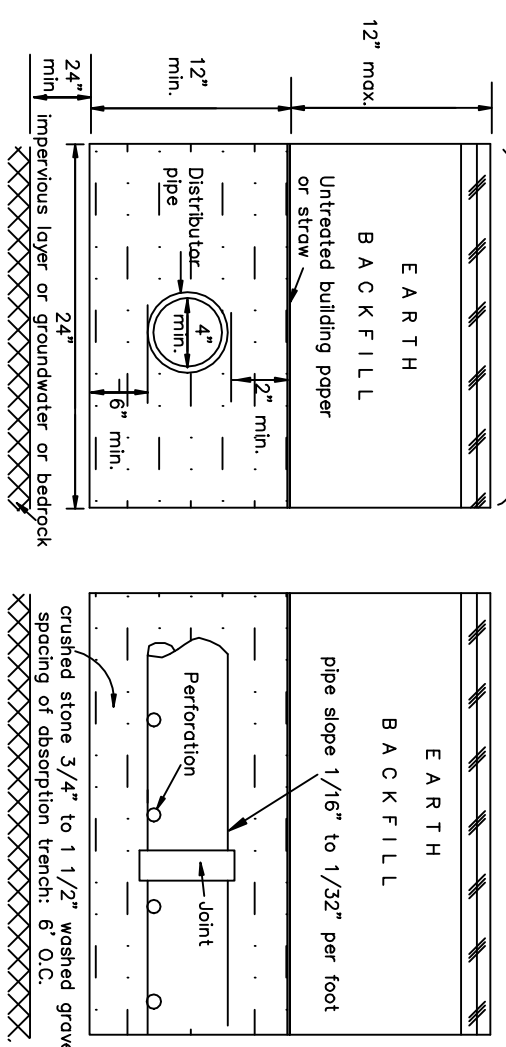
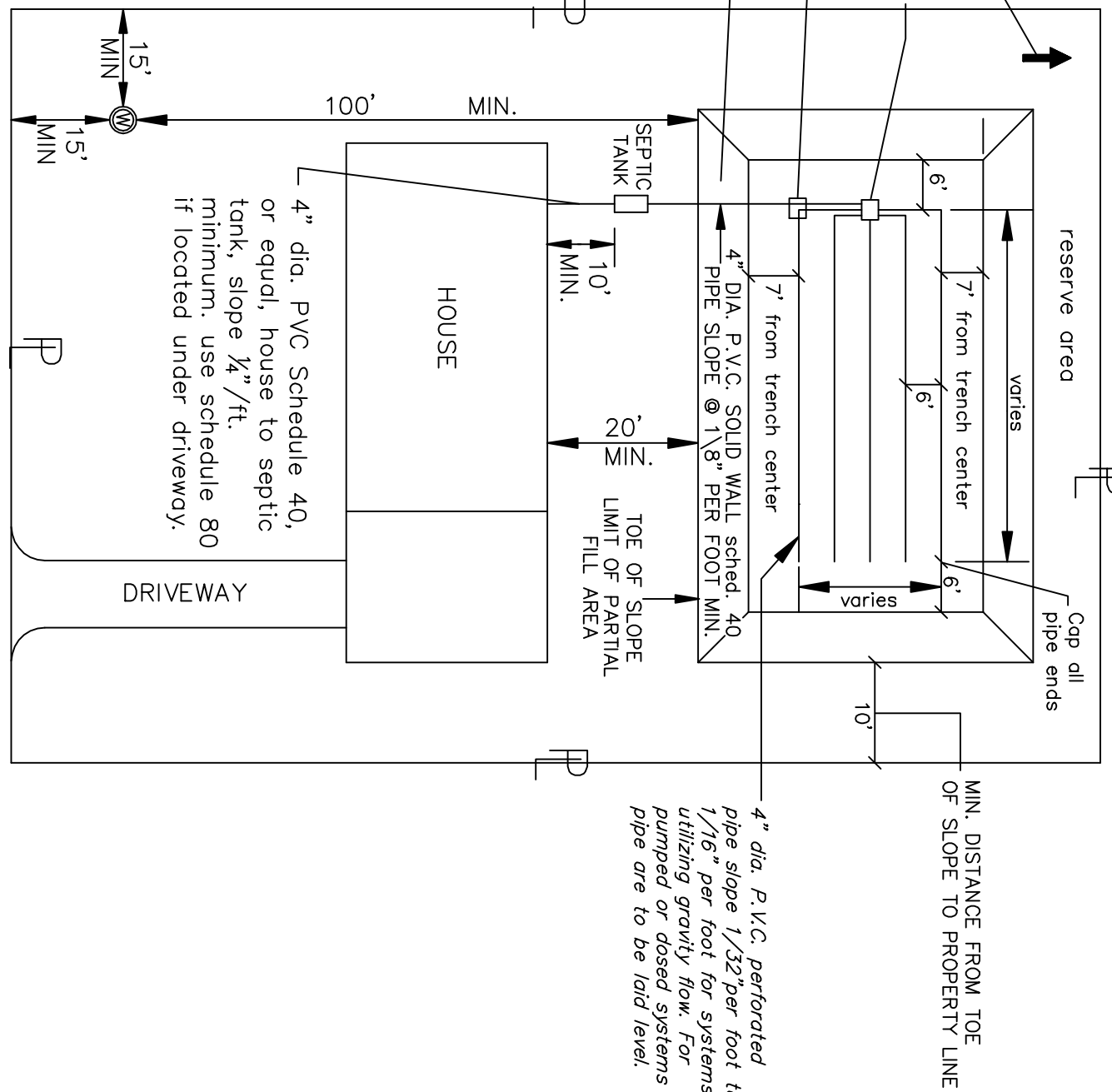
- All areas within sewage disposal area shall be cut at grade. The existing underlying soil shall be undisturbed.
- RRI material shall be placed in 6\"/>
- The type of RRI material shall be sandy loam having a permeation rate of 8.12 minutes. Permeation testing shall be done at the borrow pit and on the sewage disposal system after completion and prior to installation of the trenches.
- No driveways, roadways, or parking areas shall be constructed over any portion of the sanitary sewage disposal system.
- All pipe ends to be capped.



SPECIFICATIONS	
Concrete Min. Strength: 4,000 psi at 28 days	REINFORCEMENT: #4 REBAR, 6x6x10ga. WWM
Minimum wall thickness: 12"	REINFORCEMENT: Fiber, 10ga. wire mesh
Pipe Connection: Polylok Seal (patented)	Woodward's Concrete Products, Inc.
Load Rating: 300 pcf	623 Lyndal Road, Bullville, NY 10816
Weight = 280 lbs	(440) 581-5471 / Fax 581-1050

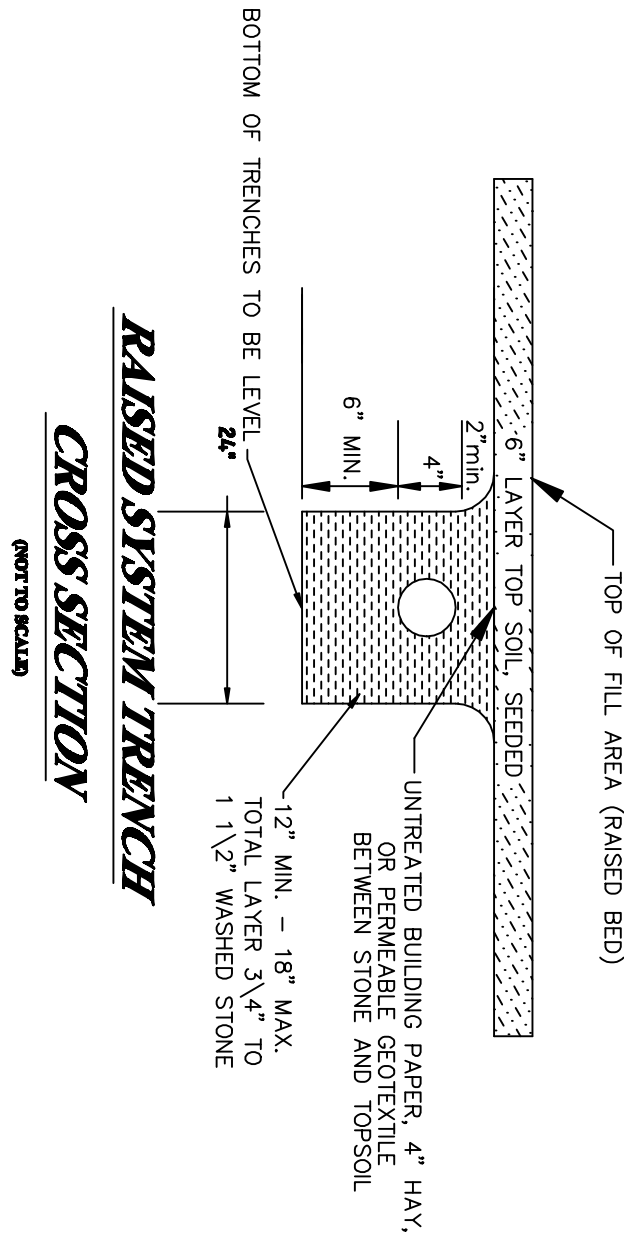
DISTRIBUTION BOX NOTES:

- Pipe joints to be sealed with asphaltic material or equivalent.
- Invert elevations of all outlets to perforated distribution boxes must be equal.
- The distribution box shall be placed on a 12\"/>
- All manhole holes in distribution boxes are to be plugged.
- Provide gravel frontiers in outlet pipes in 6' box.



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 RRI material.
  - Ends of all distributor pipes must be capped.



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 SURVEYING & CONSULTING ENGINEERS  
170 TROBES PARK ROAD NEW PALTZ, N.Y. 12561  
PHONE (914) 419-5888 FAX (914) 419-5888

Owner/Applicant:  
Nima Contracting Inc.  
Nicholas Gallego  
17 Sunrise Drive  
Milton, N.Y. 12547

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	05/07/18	ISSUED FOR PERMIT	ND
2	05/07/18	ISSUED FOR PERMIT	ND
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