

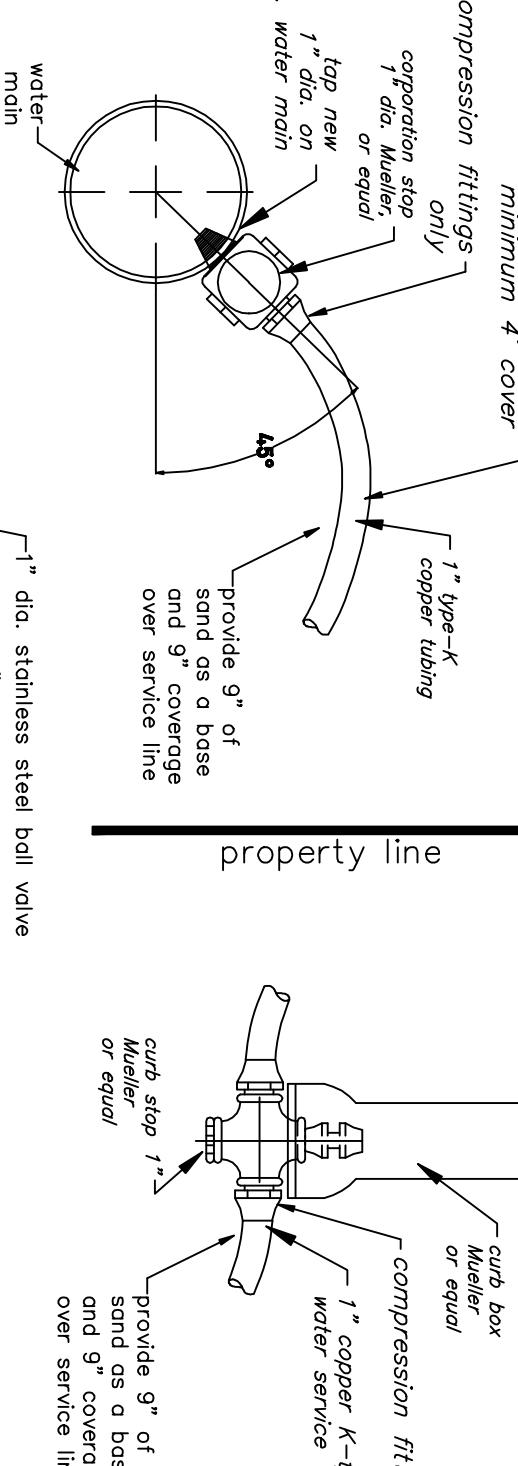
Water Service Notes:

1. Construction of potable water utilities 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 NYSDC.

2. Our 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.

3. All valves, fittings, and appurtenances to be supplied by Mueller.

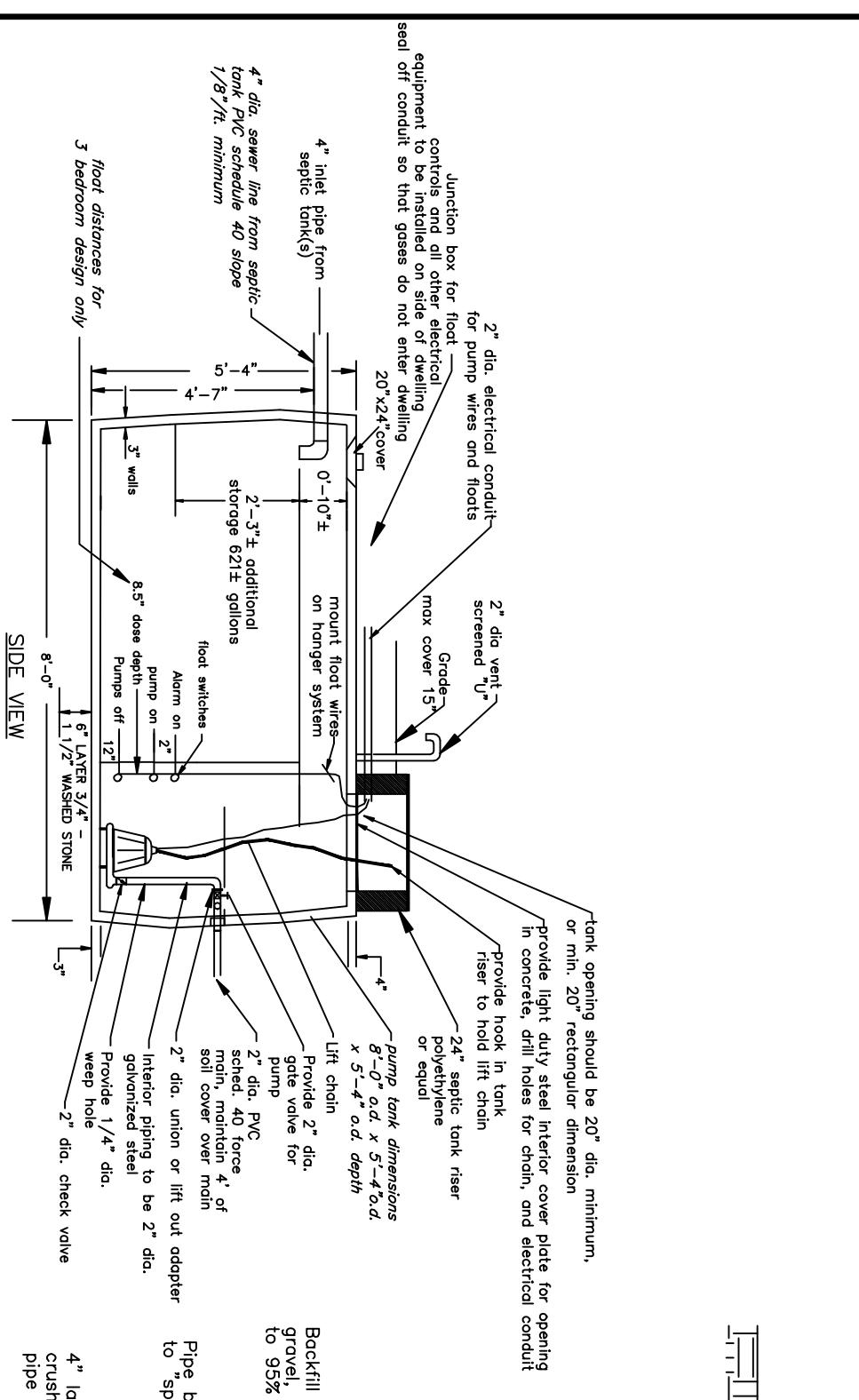
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Typical Water Service Connection
(NOT TO SCALE)

not to scale

Pump Station Detail (NOT TO SCALE)



Pump Station Detail (NOT TO SCALE)

1. No roof, ceiling, or floor framing details to be discharged into sewage disposal system.

2. All trees must be cut from the field areas.

3. No basement fixtures are permitted without general sewage design.

4. All auxiliary electrical systems are subject to all rules and regulations as set forth for the area of the site.

5. No electrical equipment or piping over 12' feet in length may be connected over any portion of the sanitary sewage disposal system.

6. No garage, carport, or any structure or equipment shall be located or maintained within 100' of any part of the sewage disposal system.

7. Steel septic tanks shall be 20' x 20' x 10' deep.

8. Flow rate based on 100 GPM/room, using new standard flow sewer fixtures.

9. There are no existing wells, either public or private, within 100' of the site.

10. There are no existing wells, either public or private, within 100' of the site.

11. If any part of this plan is unclear to the contractor, the contractor must contact the engineer for further explanation.

12. The contractor must contact the engineer for any questions regarding the location of the septic tank and the location of the absorption trench.

13. A licensed professional engineer and supervisor to the site of the Ulster County Health Department is to inspect and certify the construction of this system and its various stages of construction prior to the completion date.

Specific Sanitary Notes:

1. No roof, ceiling, or floor framing details to be discharged into sewage disposal system.

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RAISED SEWAGE DISPOSAL SYSTEM NOTES

1. All trees within sewage disposal area shall be cut & grub. Tree existing underlaying soil shall be removed.

2. All material shall be placed in 6' lifts and compacted by dozer to the approximate density of the undisturbed borrow material.

3. The type of fill material shall be sandy loam having a permeability rate of 8-15 inches. Permeability testing shall be done at the borrow pit and on the sewage disposal system after compaction and prior to installation of the trenches.

4. No driveways, roadsways, or parking areas shall be constructed over any portion of the sanitary sewage disposal system.

5. All pipes must be compacted.

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GENERAL SANITARY NOTES:

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2. All trees must be cut from the field areas.

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5. No electrical equipment or piping over 12' feet in length may be connected over any portion of the sanitary sewage disposal system.

6. No garage, carport, or any structure or equipment shall be located or maintained within 100' of any part of the sewage disposal system.

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Shallow Trench System Notes:

1. Bottom of all trenches shall be 6" below original grade as per the design for the initial and reserve areas.

2. Excavate in straight lines a percolation rate similar to but not faster than the undisturbed soil percolation rate.

3. Maximum depth of excavation plus soil increases or losses shall not exceed 30 inches.

4. Excavated bottoms shall be level. Trenches shall be parallel to ground contours.

5. On sloped sites, a diversion ditch shall be constructed uphill from the fill to prevent surface runoff from entering the fill.

6. Fill shall extend at least six feet beyond end/edges of trenches before starting 1 on 3 taper.

7. Do not install trenches when soil is wet.

8. Rake sides and bottom of trenches prior to placing gravel.

9. All pipe ends to be capped.

TYPICAL SHALLOW ABSORPTION TRENCH CROSS SECTION (NOT TO SCALE)

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Shallow Trench Section (NOT TO SCALE)

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