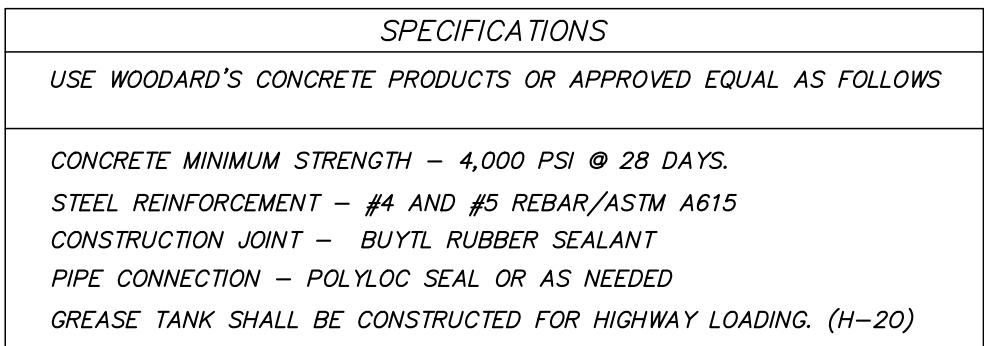


PCDOH Required Notes

1. SSTS are to be field stocked and cordoned to prevent the operation of trucks and/or machinery or storage of heavy equipment, building equipment, or excavated earth in this area.
2. The system is to be inspected by the Design Professional and the Putnam County Department of Health after installation and prior to backfill.
3. The well is to be a drilled well, constructed in accordance with New York State Health Department TNYHCR-APPENDIX 98, Standard for Water Wells, pump tested for a minimum of 6 hours and have a minimum yield of 10 gpm.
4. Putnam County Department of Health and New York City Department of Environmental Protection approval is based on the location of the sewage system, the building, setbacks, and the proposed use of the building site and use as shown on the approved drawing. Any modifications or revisions are to have prior approval from both agencies.
5. Unauthorized modifications made to this drawing after the date of the Putnam County Department of Health approval voids said approval.
6. Putnam County Department of Health and NYDOPE approval is based on maximum flow of 1,280 gallons per day. An increase in the flow will require prior approval from the Department.
7. A 5/8" Sensus SRI water meter shall be installed and daily readings furnished to the Putnam County Department of Health each month.
8. The SSTS is to receive sanitary wastes only. The discharge of industrial wastes, contaminated cooling water, or other deleterious substances into or onto the system of the gas line is prohibited. The Putnam County Department of Health reserves the right of inspection of the premises to insure compliance with these requirements.
9. Putnam County Department of Health shall be promptly notified in the event that any wastes other than strictly domestic sanitary wastes are produced at this facility.
10. Occupancy of the building(s) will not be permitted until the Construction Compliance Application has been received and approved by the Putnam County Department of Health and for the building(s) to be occupied by the Department of the municipality as part of the Certificate of Occupancy Application.
11. After backfilling the system, the SSTS area shall be covered with a minimum of 6 inches of topsoil, and seeded and mulched.
12. Remove all trees within 10 feet of the SSTS and/or absorption system.
13. All existing and/or proposed SSTS's and wells on neighboring properties within 200 feet of proposed SSTS and well are shown on this plan.
14. Cut or fill is not permitted in the sewage treatment area(s), except if so specified on this plan.
15. All stone walls and in within 10 feet of the SSTS area shall be removed to their entire depth and the resulting void replaced with similar on site soil.
16. If any pre-cast concrete tank is delivered to the site in sections, then it shall be delivered disassembled, dewatered, and/or certified Design Professional that the tank is sealed, watertight and acceptable for use. This shall require, as a minimum, the filling of the tank with water and observing the water level after a 24-hour period to demonstrate it is in fact sealed, watertight and acceptable for use.
17. All station control structures for building(s), well(s) and SSTS(s) are to be installed prior to any construction.
18. The conditions noted on the Putnam County Department of Health Letter of Approval are an integral part of this approval and compliance is required.
19. The permit is approved for sanitary wastes and water supply only, and all other permits and/or approvals are the responsibility of the permittee.
20. The Putnam County Department of Health Approval expires (2 years from the date on the approval stamp and is required to be renewed on or before the expiration date). The approval may be renewed, modified or may be amended or modified when considered necessary by the Department.

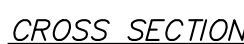
21. Property line, topography, existing conditions and wetland flag locations shown herein are based upon Boundary & Topography Map of Property prepared by Baxter Land Surveying, P.C., Monticue, New York, dated November 5, 2007, last revised June 29, 2016.
22. There is a 100'-year flood plain on the eastern most portion of the site outside the lot boundary.
23. All precast concrete tanks to be H=20 loading and have access to grade manhole frames and covers.
24. As to site drawings prepared by Insite Engineering, Surveying, & Landscape Architecture, P.C. for additional details of site improvements.
25. The contractor shall verify the minimum invert out of the building prior to the start of construction, and maintain the minimum slopes and elevations shown hereon. The Professional Engineer shall verify the same.
26. The following items shall be staked out by a N.Y.S. licensed land surveyor prior to the start of construction: SSTS, Wet, Property Line and setbacks in the vicinity of proposed SSTS.
27. It shall be the Contractor's responsibility to identify and protect all underground utilities. The contractor shall contact Dig Safely New York at 811 and any other required utility locators prior to the start of construction.
28. There shall be no 60' bends from the septic tank, and from the septic tank to the distribution box / drop boxes.
29. Commercial septic tanks are to have an inlet baffles extending 1'-3' below the liquid level, and an outlet baffles extending 1'-6" below the liquid level. If the precast concrete baffles are not the required depths, the contractor is to install sanitary tees extending to the required depths.
30. The soils in the area of the SSTS are PGC, Paxon Fine Sandy Loam (8 to 15% slopes) very stony and Paxon Fine Sandy Loam (2 to 8% slopes) according to NYSDA-SCS-85 mappings.



DOSE VOLUME = APPROXIMATELY 75% OF ABSORPTION TRENCH VOLUME
 ABSORPTION TRENCH VOLUME = $802 \text{ LF} \times \frac{\pi (4')^2}{12'} \times \frac{7.48 \text{ GAL}}{\text{C.F.}} = 524 \text{ GALLONS}$
 APPROXIMATE DOSING VOLUME = 75% TO 85% OF ABSORPTION TRENCH VOLUME
 $0.75 \times 524 \text{ GALLONS} = 393 \text{ GALLONS}$, $0.85 \times 524 \text{ GALLONS} = 445 \text{ GALLONS}$,
 USE DOSING TANK WITH 395 GALLON DOSE

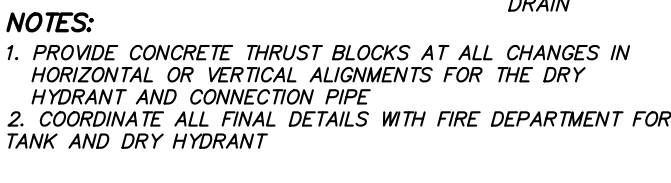
NOTE:
THE DOSE SETTINGS NOTED ARE FOR A DOSING TANK WITH THE SPECIFIC DIMENSIONS SHOWN HEREON. IF A DOSING TANK WITH DIFFERENT DIMENSIONS IS USED, PRIOR TO INSTALLATION OF THE TANK, THE CONTRACTOR MUST CONTACT THE DESIGN ENGINEER AND LOCAL DEPARTMENT OF HEALTH FOR REVIEW AND ACCEPTANCE OF THE NEW TANK.

(TO BE DESIGNED FOR H-20 LOADING.
(N.T.S.)



NOTES: 1. PROVIDE 2' OF SOLID PIPE AT THE BEGINNING OF EVERY TRENCH.
2. PROVIDE END CAPS AT THE END OF EACH ABSORPTION TRENCH.
3. THE SLOPE OF THE PERFORATED PIPES SHALL BE BETWEEN A MINIMUM OF 1/32"/FT AND A MAXIMUM OF 1/16"/FT, UNLESS THE TRENCHES ARE DOSED BY PUMPING OR BY A DOSING TANK. DOSED TRENCHES SHALL BE LEVEL.

(N.T.S.)



FIRE PROTECTION STORAGE TANK DETAIL
(N.T.S.)



(N.T.S.)

7	1-27-21	REVISED PER PCDHF COMMENTS	MEU
6	12-7-20	REVISED PER TOWN & PCDHF COMMENTS	JWM
5	8-13-20	ISSUED FOR BID	JWM
4	2-18-20	REVISED PER TOWN COMMENTS	GM
3	1-21-20	REVISED PER TOWN COMMENTS	GM
2	9-13-19	REVISED PER TOWN COMMENTS	MEU
1	07-29-19	REVISED FOR PLANNING BOARD SUBMISSION	KAM
NO.	DATE	REVISION	BY



3 Garrett Place
Carmel, NY 10512
(845) 225-9690
(845) 225-9717 fax
www.insite-eng.com

PROJECT:
PUTNAM VALLEY FIRE STATION #1
AND AMENDED SITE PLAN FOR
PUTNAM VALLEY AMBULANCE CORPS
OSCAWANA LAKE ROAD, TOWN OF PUTNAM VALLEY, COUNTY OF PUTNAM, NEW YORK

DRAWING:

SSTS & WELL DETAILS

PROJECT NUMBER	09105.100	PROJECT MANAGER	J.J.C.	DRAWING NO.	HD-2	10 11
DATE	7-29-19	DRAWN BY	M.E.U.			
SCALE	AS SHOWN	CHECKED BY	E.M.S.			