

FIGURE 17: CONVENTIONAL CONSTRUCTION TRENCH DETAIL

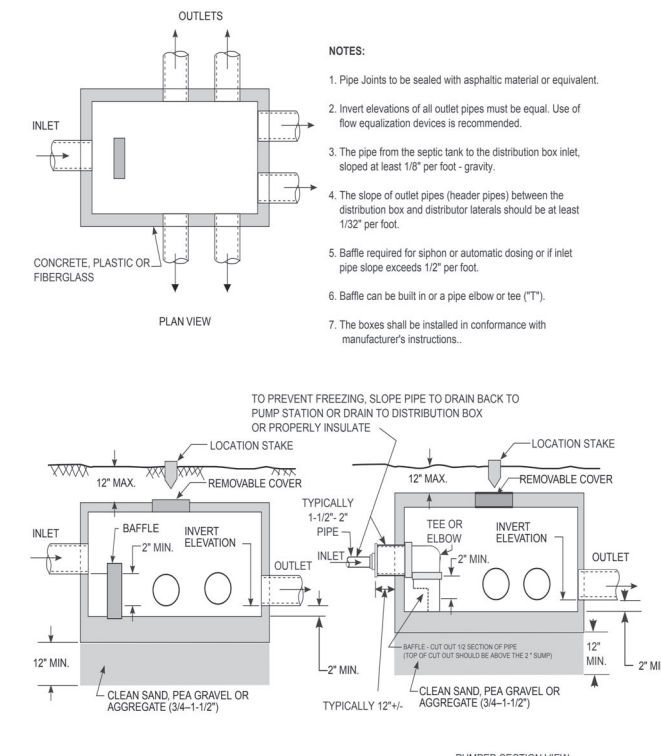


FIGURE 18: DISTRIBUTION BOX DETAIL

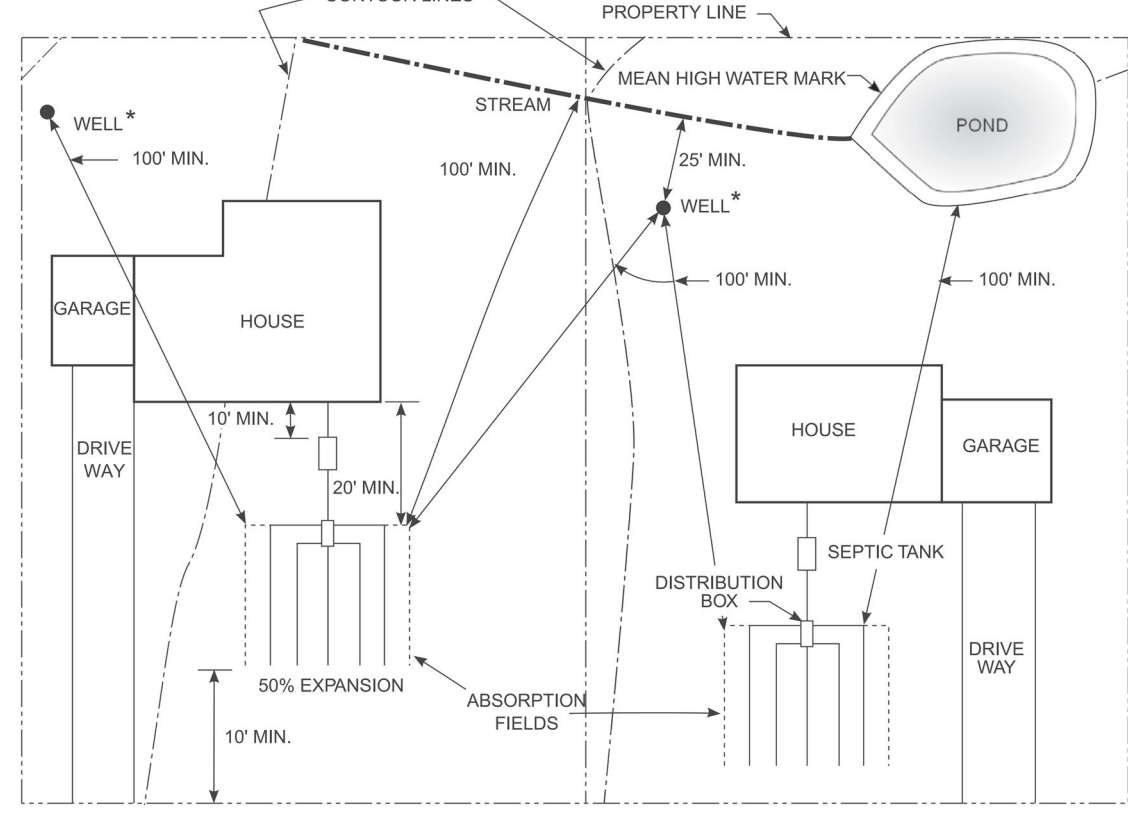


FIGURE 1: ABSORPTION SYSTEM SEPARATION REQUIREMENTS

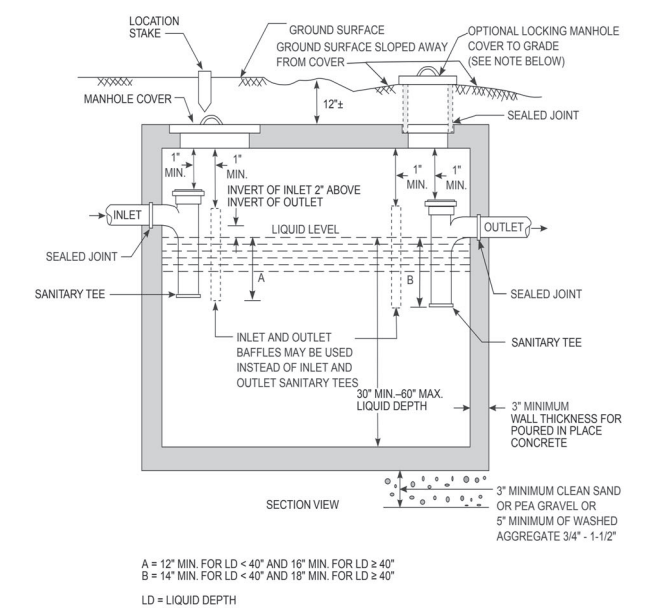


FIGURE 37: SITE MODIFICATION FOR VERY FAST PERCOLATING SOILS

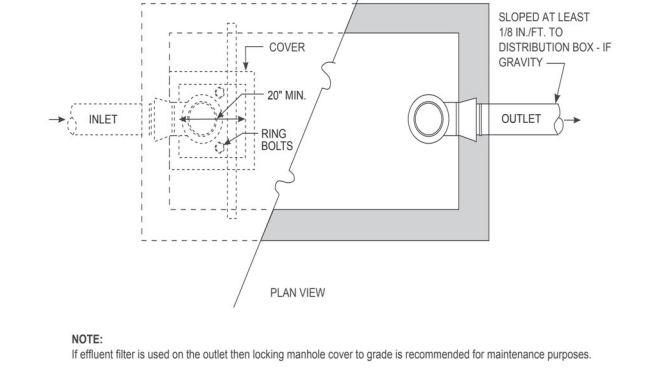


FIGURE 6: TYPICAL SEPTIC TANK

STANDARD AND SPECIFICATIONS FOR STABILIZED CONSTRUCTION ACCESS

Item No.	Quantity	Unit	Material
1	100	sq ft	4\"/>
2	50	sq ft	6\"/>
3	100	sq ft	4\"/>
4	100	sq ft	6\"/>
5	100	sq ft	4\"/>
6	100	sq ft	6\"/>
7	100	sq ft	4\"/>
8	100	sq ft	6\"/>
9	100	sq ft	4\"/>
10	100	sq ft	6\"/>

Definition & Scope
This standard and specifications apply to the construction of stabilized construction access for the purpose of providing temporary access to areas that are not normally accessible by the public. The access shall be constructed in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Conditions When Practice Applies
This standard and specifications shall apply to all projects of construction or maintenance work that require the use of stabilized construction access.

Other Criteria
The access shall be constructed in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Material
The material shall be stabilized in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Installation
The access shall be installed in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Maintenance
The access shall be maintained in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Location
The access shall be located in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

STANDARD AND SPECIFICATIONS FOR CONCRETE TRUCK WASHOUT

Definition & Scope
This standard and specifications apply to the construction of concrete truck washouts for the purpose of providing a means for cleaning concrete trucks before they leave the construction site. The washout shall be constructed in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Conditions When Practice Applies
This standard and specifications shall apply to all projects of construction or maintenance work that require the use of concrete truck washouts.

Other Criteria
The washout shall be constructed in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Material
The material shall be constructed in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Installation
The washout shall be installed in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Maintenance
The washout shall be maintained in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

Location
The washout shall be located in accordance with the requirements of this standard and specifications and shall be maintained in good condition at all times.

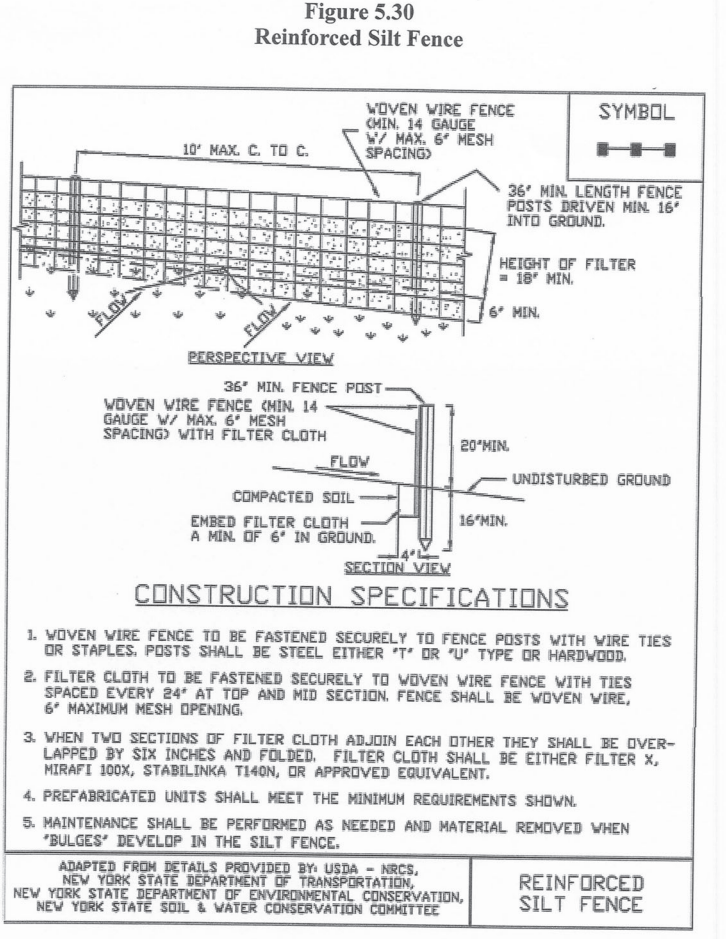


TABLE 2 REQUIRED SEPARATION DISTANCES FROM WASTEWATER TREATMENT SYSTEM COMPONENTS

System Component	Well or Septic Line (ft)	Septic Tank (ft)	Septic Tank (ft)	Disinfecting (ft)	Pumps (ft)	Storage (ft)
House (over 500 sq ft)	20	20	20	20	20	20
Septic Tank (1000 gal)	20	20	20	20	20	20
Septic Tank (2000 gal)	20	20	20	20	20	20
Septic Tank (3000 gal)	20	20	20	20	20	20
Septic Tank (4000 gal)	20	20	20	20	20	20
Septic Tank (5000 gal)	20	20	20	20	20	20
Septic Tank (6000 gal)	20	20	20	20	20	20
Septic Tank (7000 gal)	20	20	20	20	20	20
Septic Tank (8000 gal)	20	20	20	20	20	20
Septic Tank (9000 gal)	20	20	20	20	20	20
Septic Tank (10000 gal)	20	20	20	20	20	20

Notes:
1. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
2. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
3. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
4. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
5. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
6. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
7. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
8. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
9. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.
10. The minimum separation distance from the absorption system shall be 100 feet from the nearest well or septic tank.

PAUL K. MALE
P. O. BOX 27
SARATOGA SPRINGS, NY 12866
518-852-7479
pmale@nycap.r.com

- Notes:**
- Soil testing was performed by the Adirondack Park Agency (APA) on December 1, 2021 in conjunction with representatives of Schuyler LLC. A total of ten test pits were dug on the overall site. For the purpose of this design, the results from test pits 2A, 2B, 3A and 4A were used. The results from those four test pits were very consistent with 0 - 48 inches of fine sandy loam, loamy sand, gravelly sand and sand. In addition, two percolation tests were performed on December 1, 2023. The stabilized rate in both tests was 0 minutes and 30 seconds. The distance to the nearest jurisdictional wetland is > 100' distance to the nearest existing or proposed well > 100', distance to nearest water body > 100', depth to seasonal high ground water > 48" and depth to bedrock or refusal > 72". Due to the very fast percolation soils, imported or blended soil with a percolation rate of 5 - 10 minutes per inch must be placed in the absorption field as shown on page 9 of 10x. A Conventional Standard Absorption System with imported or blended soils was deemed an acceptable OSWTS for this lot.
 - Based on the results of the soil testing, I used a design rate of 6 - 7 minutes per inch, with an application rate of 1.00 gal/day/sf. The design for the various proposed bedrooms is as follows:

# of bedrooms	Gallons/day	Length of absorption trench	Trench configuration
3	330	165 If	3 @ 55 If
4	440	220 If	4 @ 55 If
5	550	275 If	5 @ 55 If
6	660	330 If	6 @ 55 If

- Install a concrete septic tank as manufactured by the Fort Miller Co. or equal. The septic tank size is based on the number of bedrooms (without a garage grinder or a Jacuzzi/hot tub) as follows:
- | Number of bedrooms | Septic tank size |
|--------------------|------------------|
| 3 | 1000 gallons |
| 4 | 1250 gallons |
| 5 | 1500 gallons |
| 6 | 1750 gallons |
- Public water is available in Dayton Drive with individual services for each lot.
 - Install a distribution box as manufactured by the Fort Miller Co. or equal. Use speed levers to equalize the flow.
 - All work must conform to the requirements and specifications of the Adirondack Park Agency, New York State Department of Health and the Town of Corinth.
 - The system cannot be backfilled until inspection and approval by the APA, Corinth Building Inspector and the Design Engineer. The Town of Corinth requires a Septic System Certification by the Design Engineer as well as an as-built drawing showing the location of all of the septic system components.
 - The conventional absorption trench septic system can be expanded as shown on the individual septic plans.
 - If the ground conditions differ from those described above, notify the Design Engineer before continuing work.
 - Even a properly designed and operated septic system will eventually fail unless the sludge and floating scum are periodically pumped from the tank, damaging materials are kept out of the tank (specifically "flushable wipes") and other protective measures are followed. The Owner must maintain the septic system in good condition and must maintain written records of the septic system maintenance.

NOTES:
1. DRAWING SCALE: USE DIMENSIONS AS SHOWN UNLESS OTHERWISE SPECIFIED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.

DRAWN BY: EJR
DATE: 12/14/2023
PAGE: 3

PAUL K. MALE, P.E. & P.L.S.
P.O. BOX 27
SARATOGA SPRINGS, NY
PH: (518) 852-7479

JOB: DAYTON DRIVE SUBDIVISION

UNAPPROVED AT DAYTON DRIVE SUBDIVISION FOR SUBMISSION TO THE ADIRONDACK PARK AGENCY AND THE TOWN OF CORINTH.