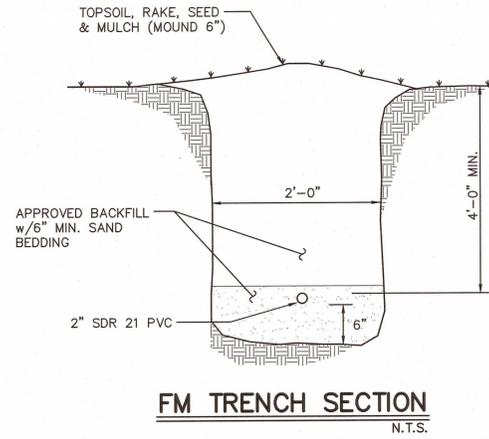


- NOTES:
1. COMPACTION OF BACKFILL AND BEDDING SHALL BE A MINIMUM OF 90% (85% UNDER ROADWAY SURFACES) OF MAXIMUM DRY DENSITY DETERMINED IN THE STANDARD PROCTOR TEST (ASTM D698).
  2. BEDDING MATERIAL SHALL NOT BE PLACED ON FROZEN SUBGRADE.
  3. APPROVED BACKFILL SHALL NOT CONTAIN ANY STONES MORE THAN 12" IN LARGEST DIMENSION (6" IN ROADWAYS, 1 1/2" MAXIMUM DIAMETER WITHIN 24" OF THE OUTSIDE OF THE PIPE), OR CONTAIN ANY FROZEN, WET, OR ORGANIC MATERIAL.
  4. TRENCHES SHALL BE COMPLETELY DEWATERED PRIOR TO PLACING OF PIPE BEDDING MATERIAL AND KEPT DEWATERED DURING INSTALLATION OF PIPE AND BACKFILL.
  5. IN TRENCHES WITH UNSTABLE MATERIALS OR HIGH WATER TABLE, TRENCH BOTTOM SHALL FIRST BE STABILIZED BY PLACEMENT OF FILTER FABRIC THEN CRUSHED STONE (3/4" MAXIMUM).
  6. THE SIDES OF TRENCHES 4' OR MORE IN DEPTH ENTERED BY PERSONNEL SHALL BE SHEETED OR SLOPED TO THE ANGLE OF REPOSE AS DEFINED BY O.S.H.A. STANDARDS.
  7. BEDDING MATERIAL SHALL CONSIST OF CRUSHED STONE, OR SAND WITH A MAXIMUM SIZE OF 3/4". SUBMIT A SAMPLE TO THE ENGINEER FOR APPROVAL.
  8. CONTRACTOR TO INSTALL TRACER WIRE ALONG ALL SECTIONS OF NEW WATER LINE. TERMINATE TRACER WIRE AT ALL VALVE BOXES AND HYDRANTS. COORDINATE INSTALLATION WITH TOWN AND ENGINEER.



SITE ENGINEER:

CIVIL ENGINEERING ASSOCIATES, INC.  
10 MANSFIELD VIEW LANE, SOUTH BURLINGTON, VT 05403  
802-864-2323 FAX: 802-864-2271 web: www.coea-vt.com

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DRAWN: ACL/BRR  
CHECKED: DSM  
APPROVED: DSM

OWNER:

**MATTHEW AND RAINA DONAHUE**  
1921 GREENBUSH ROAD  
CHARLOTTE, VERMONT

PROJECT:

**DONAHUE SITE PLAN**

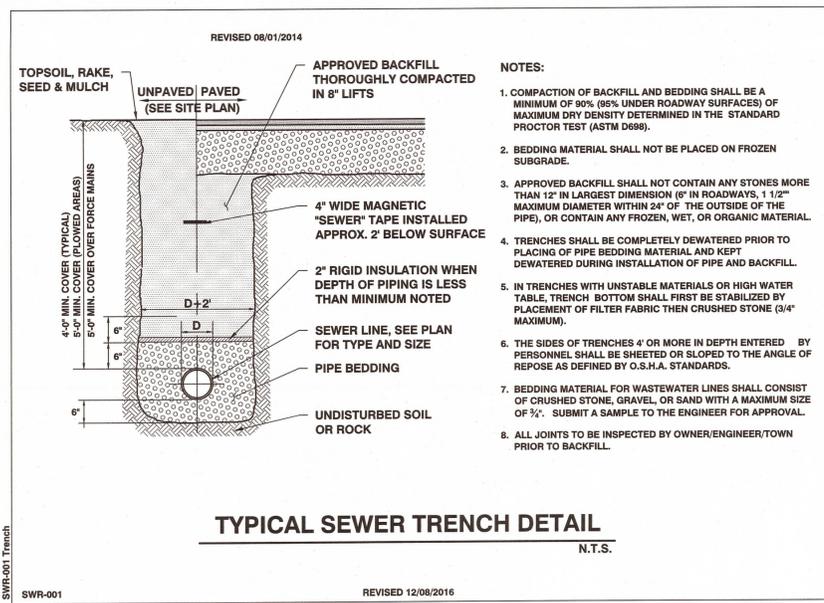
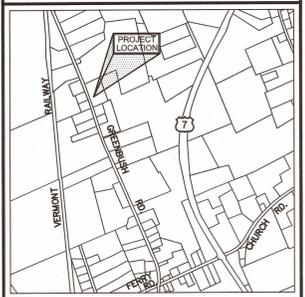
1921 GREENBUSH ROAD  
CHARLOTTE, VERMONT

REVISED 12/08/2016

	Horizontal Distance (Feet)		
	Leach field	Septic Tank	Sewer
Drilled Well Serving 1 Home - Up Slope of Disposal Field	100 (Min.) <sup>1</sup>	50	50
Drilled Well Serving 1 Home - Down Slope of Disposal Field	200 (Min.) <sup>1</sup>	50	50
Shallow Well or Spring, Up Slope of Disposal Field	150 (Min.) <sup>1</sup>	75	75
Shallow Well or Spring, Down Slope of Disposal Field	500 (Min.) <sup>1</sup>	75	75
Lakes, Ponds and Impoundment	50	25	25
Rivers, Streams	50	25	10
Drainage Swales, Roadway Ditches	25	-	-
Municipal Water Main	50	50	10
Service Water Lines	25	25	10
Roadways, Driveways, Buildings	10	5	5 <sup>4</sup>
Top of embankment or slope > 30%	25	10	-
Property Line	10 (25 Downslope) <sup>2</sup>	10	10
Trees	10	10	10
Replacement Area	10	-	-
Foundation, Footing Drains	35 (75 Downslope) <sup>3</sup>	10	-

1. Isolation distances to well locations may vary due to site conditions - contact Engineer for verification with the Vermont Water Supply Rule Regulations.  
2. For mound disposal systems, the limit of mound fill must be 25 feet from any downhill property line and 10 feet from side or uphill property lines.  
3. If a curtain or foundation drain is downslope of the leach field, the leach field cannot be closer than 75 feet to the drain. If the drain is upslope of the leach field, it shall be 35' if possible and 20' minimum.  
4. Sewers under roads, driveways or parking lots may require protective conduits or sleeves.

**MINIMUM ISOLATION DISTANCES**  
(CONTACT ENGINEER FOR ANY CLARIFICATIONS OR CONFLICTS)



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  6. THE SIDES OF TRENCHES 4' OR MORE IN DEPTH ENTERED BY PERSONNEL SHALL BE SHEETED OR SLOPED TO THE ANGLE OF REPOSE AS DEFINED BY O.S.H.A. STANDARDS.
  7. BEDDING MATERIAL FOR WASTEWATER LINES SHALL CONSIST OF CRUSHED STONE, GRAVEL, OR SAND WITH A MAXIMUM SIZE OF 3/4". SUBMIT A SAMPLE TO THE ENGINEER FOR APPROVAL.
  8. ALL JOINTS TO BE INSPECTED BY OWNER/ENGINEER/TOWN PRIOR TO BACKFILL.

REVISIONS

DATE	CHECKED	REVISION
03/21/17	DSM	WASTEWATER SUBMITTAL

**WASTEWATER DISPOSAL SYSTEM DETAILS**

DATE: SEPT., 2011  
SCALE: AS SHOWN  
PROJ. NO.: 11242

DRAWING NUMBER: **C2**