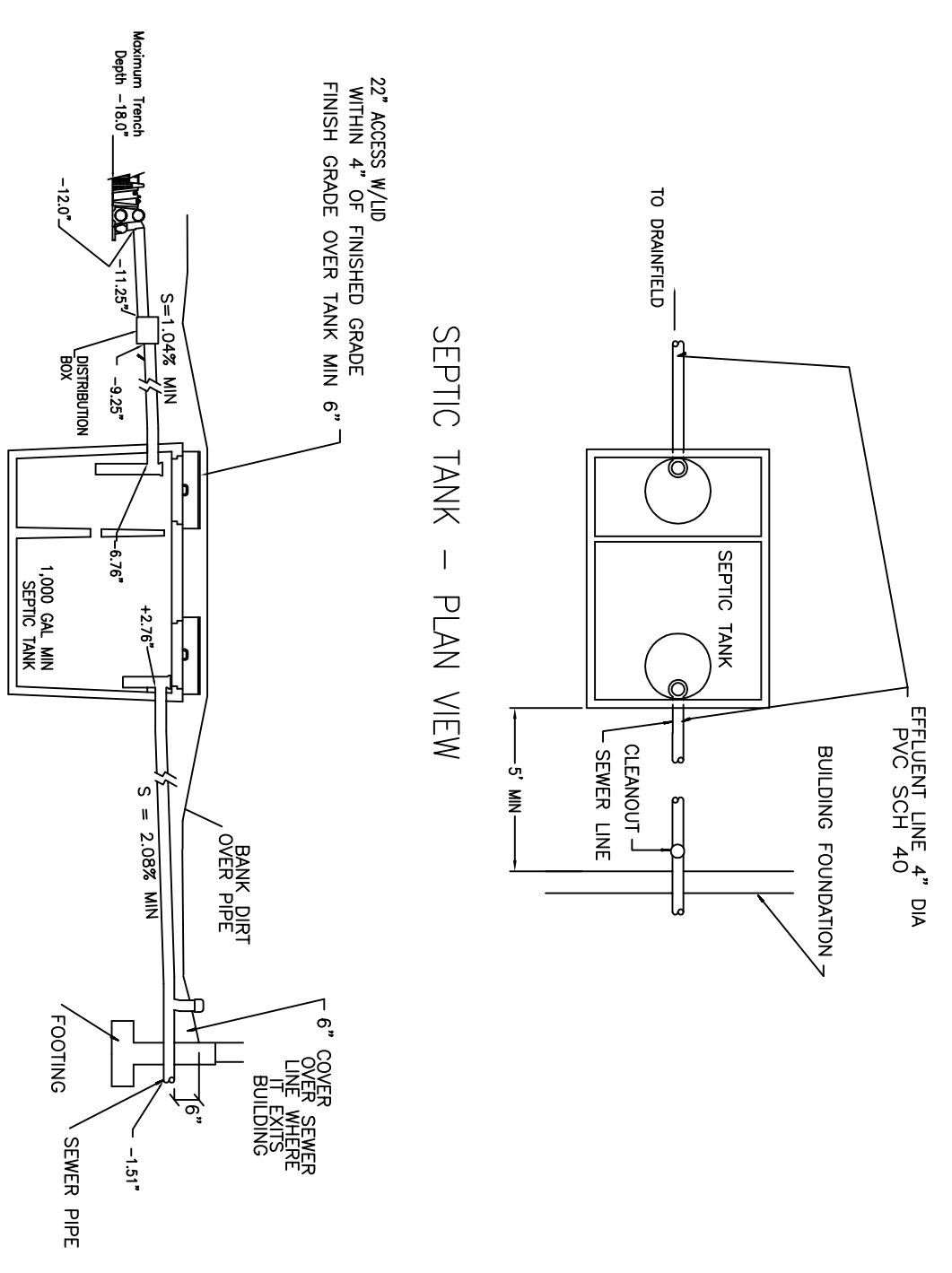


- NOTES:
1. MAINTAIN 5' MIN OF UNDISTURBED EARTH BETWEEN TRENCH AND PROPERTY LINES
  2. MAINTAIN 5' MIN OF UNDISTURBED EARTH BETWEEN SEPTIC TANK AND BUILDING FOUNDATION.
  3. MAINTAIN 100' MIN SEPARATION BETWEEN SEPTIC TANK AND WATER WELL.
  4. MAINTAIN 100' SEPARATION BETWEEN ANY TRENCH AND WATER WELL.



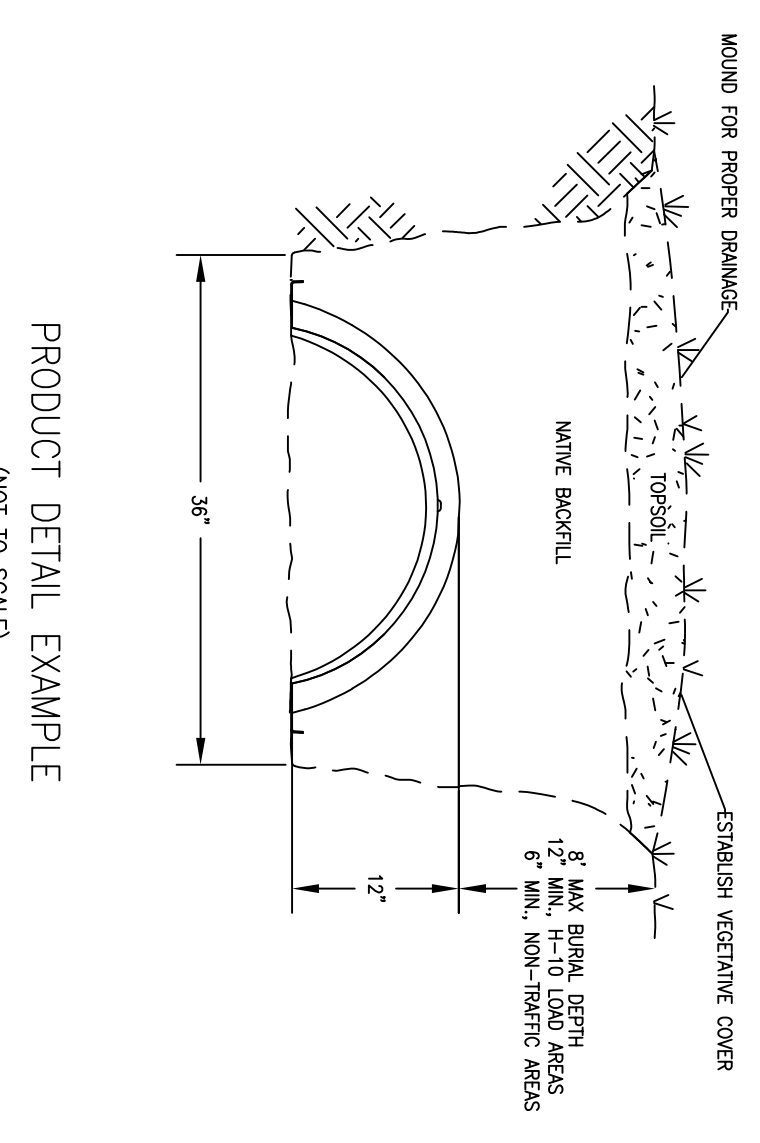
- Notes:
1. Install approved septic tank.
  2. Inlets and outlets shall meet the material and diameter requirements for building sewers and shall be tee-ed or banded with the object of diverting incoming flow toward the tank bottom and minimizing turbulence. Inlets and outlets shall be installed in the effluent.
  3. Inlets and outlets should be located at opposite ends of the tank. The invert of the inlet pipe shall be above the invert of the outlet to allow for momentary rise in liquid level during discharge to the tank.
  4. An inlet or outlet pipe shall be permanently fastened to the tank. The invert of the inlet pipe shall be above the invert of the outlet to allow for momentary rise in liquid level during discharge to the tank. This bottle or tee is to penetrate at least six inches below the liquid level, but the penetration is not to be greater than 12 inches. The invert of the inlet pipe shall be above the invert of the outlet to allow for momentary rise in liquid level during discharge to the tank.
  5. All inlet and outlet devices shall be permanently fastened to the tank. The invert of the inlet pipe shall be above the invert of the outlet to allow for momentary rise in liquid level during discharge to the tank. This bottle or tee is to penetrate at least six inches below the liquid level, but the penetration is not to be greater than 12 inches. The invert of the inlet pipe shall be above the invert of the outlet to allow for momentary rise in liquid level during discharge to the tank.
  6. All inlet and outlet devices shall be permanently fastened to the tank. The invert of the inlet pipe shall be above the invert of the outlet to allow for momentary rise in liquid level during discharge to the tank. This bottle or tee is to penetrate at least six inches below the liquid level, but the penetration is not to be greater than 12 inches. The invert of the inlet pipe shall be above the invert of the outlet to allow for momentary rise in liquid level during discharge to the tank.
  7. Inspection and cleaning.

ALL ELEVATIONS ARE RELATIVE TO EXISTING GROUND AT TRENCH

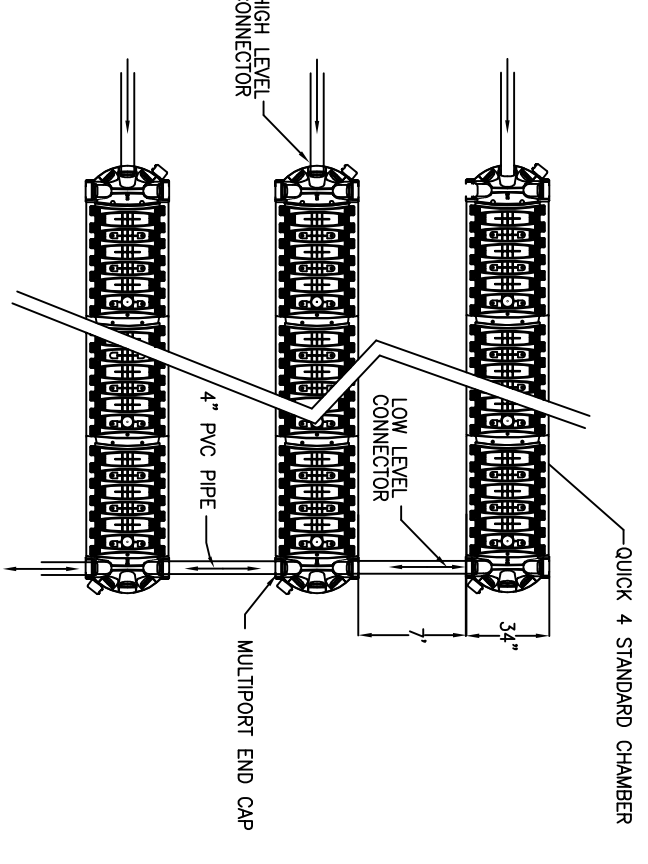
TRENCH DETAIL W/TYPE A CHAMBER SYSTEM

(NOT TO SCALE)  
INFILTRATOR SYSTEMS, INC.  
QUICK4 STANDARD OR  
APPROVED EQUAL

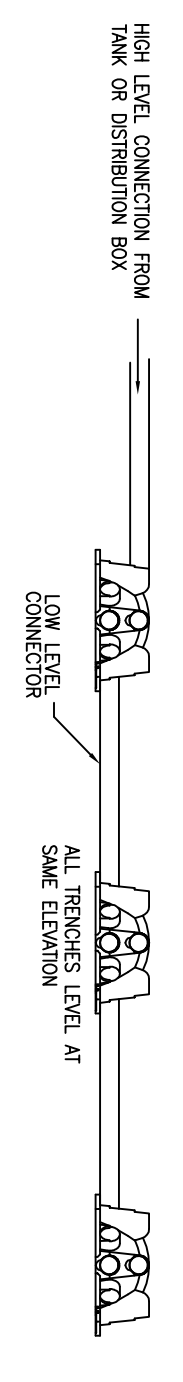
CHAMBER/TRENCH DETAIL  
(SECTION 1 VIEW)  
(NOT TO SCALE)



CHAMBER/TRENCH DETAIL  
(PLAN VIEW)  
(NOT TO SCALE)



CHAMBER/TRENCH DETAIL  
(SECTION 2 VIEW)  
(NOT TO SCALE)



**Ogden Valley Community Church**

Unit	Unit/day	Gall/Unit/Day	Gall/Day
Person	100	5	500
<b>Total</b>		<b>500</b>	

**Traditional Onsite Wastewater System Requirements**

Est. Gall/Day	500	gall/day
Min Septic Tank Rqd	1000	Gallons
Pump Rate	15	MPI
Application Rate	0.7	gall/day/sf
Absorption Area Rqd*	500	ft <sup>2</sup>
Trench Width	3	ft
Trench Length Rqd*	117	ft
Trench Length Provided	120	ft

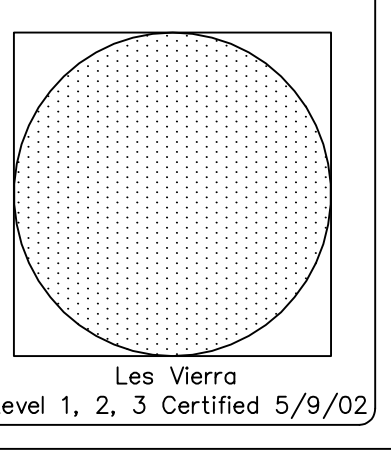
\*Required with Chamber System. 30% reduction applied.

Project:  
**Ogden Valley Community Church**  
9200 E HWY 39 (21-022-0005)  
Huntsville, Utah

Applicant:  
**Steve Wilson**  
Huntsville, UT 84014  
(801) 791-4777

**River Logic llc**  
3517 N Elkridge Trail  
Eden, UT 84310  
(801) 745-3655  
Civil Designs  
(801) 391-7481

REV	BY	DATE	DESCRIPTION



**SHEET**