



Madison County Health Department
 400-A North Main Street PO Box 67
 Madison, Virginia 22727
 (540) 948-5481 Voice
 (540) 948-3841 Fax

Septic Tank - Soil Absorption System Repair Permit

Health Department ID Number: **SD-07-71**

Owner / Agent Information	
Owner: Good Hope Baptist Church 4185 Orange Road Aroda, Virginia 22709 Owner Phone: (540) 948-6169	
Location Information	
Property Address: 4185 Orange Road Locality: Madison Directions: located on rt 230, between Aroda and Radiant	Tax Map: 57-118B <i>Grid- H-5</i>
General Information	
System Type: septic tank effluent and drainfield Type of Property: Residential	Daily Flow: 450 gallons Number of Bedrooms: 3 maximum
Sewer Line	Distribution Box Information
4" Sch. 40 PVC or equivalent (cleanouts required at 50' to 60' intervals)	No. of Boxes: 1 No. of Outlets: 12
Conveyance Line / Force Main Information	Header Line Information
Method: Gravity Distribution Box Material: Minimum crush strength 1500# Pipe Diameter: 4" Minimum Slope: 6" per 100' (only for non-pump)	ASTM F405 pipe or better (1500 # crush or equivalent) Minimum slope 2" per 100'
Septic Tank - Inlet Outlet Structure	Percolation Lines and Absorption Area
Capacity: 1000 gallons The inlet structure shall be 1-2 inches higher than the outlet structure and shall extend 6-8 inches below and 8-10 inches above the normal liquid level. The outlet structure shall extend 35-40% below the normal liquid level and 8-10 inches above the normal liquid level. To comply with the maintenance requirements of 12 VAC 5-610-817 the septic tank must be provided with one of the following three options: 1) Inspection port, 2) Effluent filter, 3) Reduced maintenance tank	Slope: 2-4" per 100' Percolation Lines: 4" diameter Center to Center Spacing: 9" Installation Depth: 24" Depth of Aggregate: 13", Size of Aggregate: 0.5-1.5" Total Number of Laterals: 6 Laterals to be 70' long, x 3' wide Install 1260 Square Feet Total 0% Reserve Area Required for Future Repairs
Please Note:	

Construction Drawing

HD ID #: SD-07-71

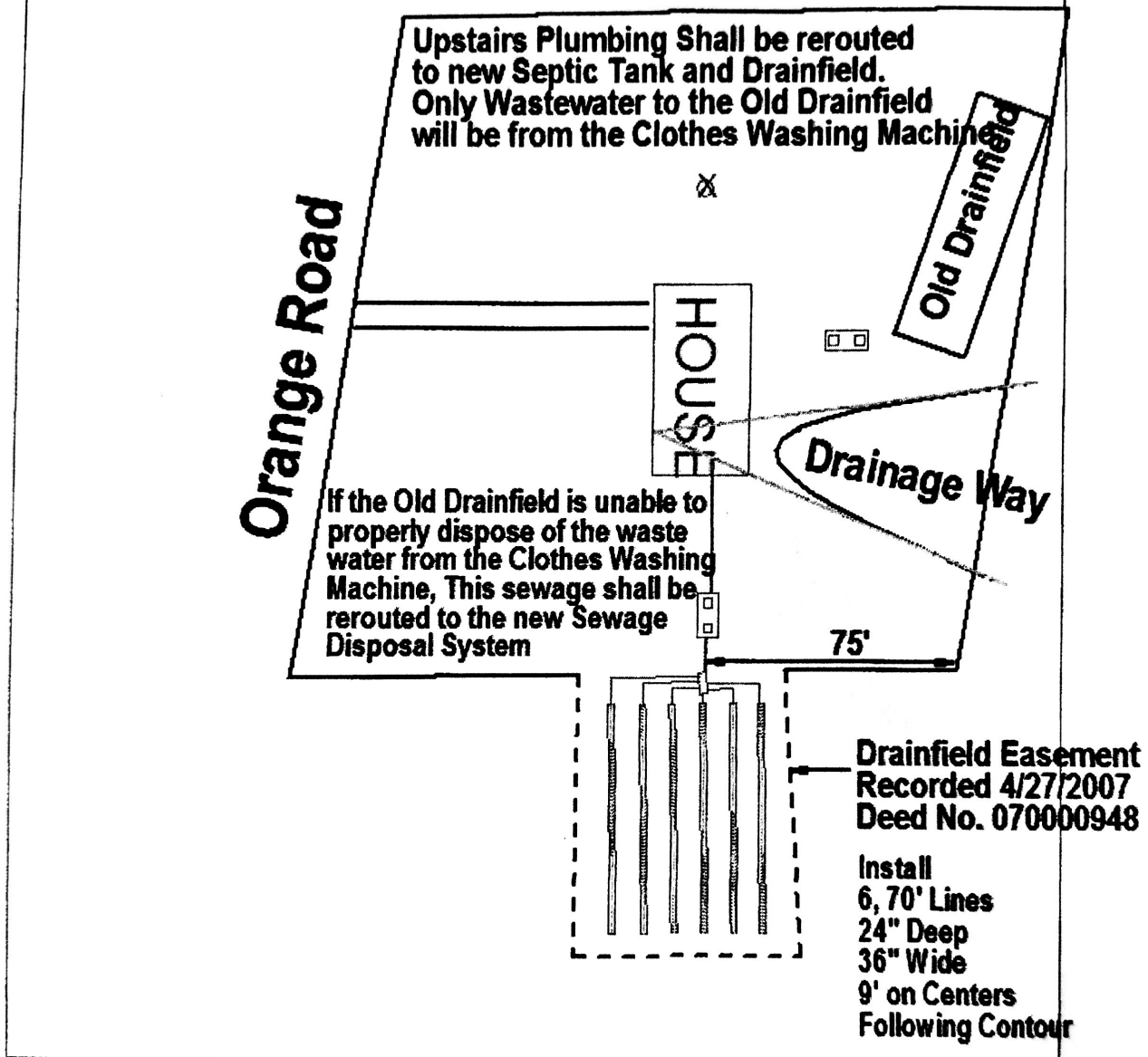
Owner Information

Good Hope Baptist Church
4185 Orange Road
Aroda, Virginia 22709

Phone: (540) 948-8189

Construction Drawing

Schematic drawing of sewage disposal system and topographic features.



This sewage disposal system construction permit is null and void if conditions are changed from those shown on the application or construction permit. No part of any installation may be covered or used until inspected, corrections made if necessary and the system is approved. The inspection will normally be made by the system designer, who may be an AOSE, PE, or EHS. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon direction of the Department or the system designer.

System Design By: Dwayne Dixon ; Site Evaluation By: Dwayne Dixon


Dwayne Dixon

May 3, 2007
Issue Date

November 3, 2008
Expiration Date