



4 May 2023



**System Specifications**

Existing church facility with no increase in daily flow  
 450 GPD (Gallons Per Day)  
 LTAR 0.35

**Initial:** New 1000 gallon septic tank (ST)  
 New 1000 gallon pump tank (PT)  
 Connect to existing drain field and install new pressure manifold if not present:  
 (5) 3' x 90' nitrification lines,  
 18" trench bottoms according to Harnett County Improvement Permit # 03-5-5756 (20213) dated 8/13/03.

Abandon existing ST. Have tank pumped by and approved septage hauler, crushed, and backfilled.

Supply shall pass at least 30' below utility easement or any other area subject to vehicular traffic.

Existing system, repair area, and utility easement shown on IP # 03-5-5756 (20213).

Existing ditch shall be filled in or relocated to maintain required setbacks to system components.

**Notes:**

1. Site was Evaluated using hand augers in accordance with 15A NCAC 18A .1900 regulations and is submitted in accordance with G.S 130A-336.2 .
2. Pre-construction conference shall be held between the Licensed, Installer and the Licensed Soil Scientist of record to ensure proper location and installation depth. Additional permit conditions may be added during pre-construction conference.
3. Inspection by Licensed Soil Scientist to be done prior to covering any part of system.
4. Domestic strength wastewater only.
5. **Wastewater system and repair areas shall be protected from traffic and/or any other disturbance during all phases of construction. No removal of mineral soil**
6. Surface water shall be directed away from system area through landscaping and use of gutters on home.
7. Benchmark elevations should be set prior to construction of home to ensure gravity flow to system area.
8. Site may qualify for other system types.
9. **Issuance of this permit does not supercede authorizations or permits from other permitting agencies. It is the responsibility of the owner to conform to all other applicable permitting authority.**
10. **Permit does not constitute a guarantee of performance or warranty of any kind.**
11. **Additional costs will be incurred for pre-construction meeting, system inspections, and post-construction meeting, all of which are billed on a time and materials basis.**
12. Usage of greater than 80% of designed daily flow shall be considered excessive.
13. Innovative/Accepted products shall be installed according to manufacturer's specifications and the Innovative Approval. Map adapted from Harnett County GIS tax map.

 Applied Resource Management, P.C. Hampstead, NC 28443	TITLE: 494 Antioch Church Rd. Harnett County, NC		FIGURE: 1
	JOB: 230062	SCALE: 1"= 100'	DATE: 5/4/2023 DRAWN BY: DM