

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

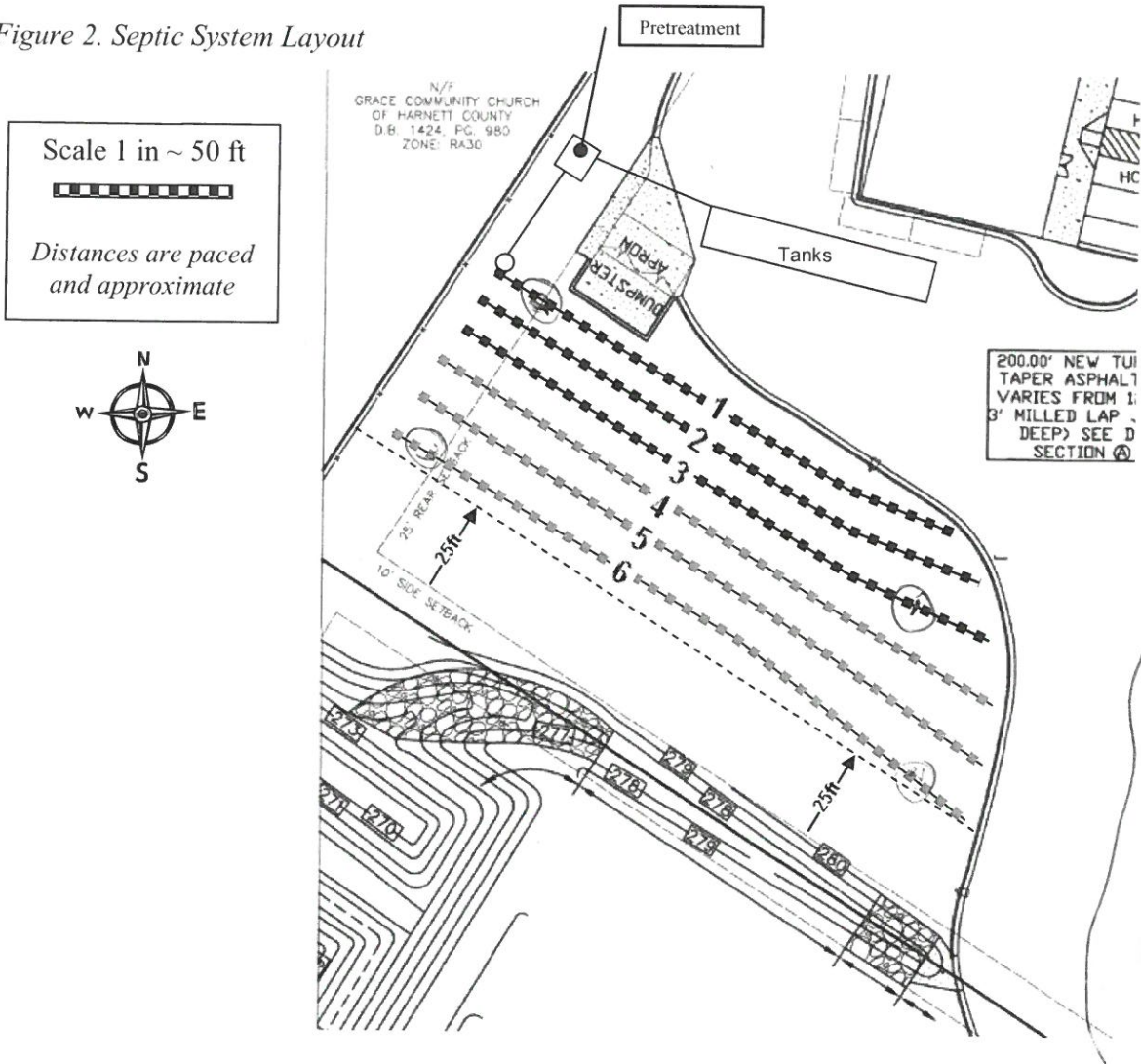
Owner: Applicant:
 Address: Date Evaluated:
 Proposed Facility: 5702E Design Flow (.1949): 1199 gpd Property Size:
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1		0-19	G SL	VF2 NS/HP					
		19-42	SBX CL	F2 SS/SP					PS .45
2		0-20	G SL	VF2 NS/HP					
		20-48	SBX CL	F2 SS/SP					PS .45
3		0-17	G SL	VF2 NS/HP					
		17-40	SBX CL	F2 SS/SP					PS .45
4		0-16	G SL	VF2 NS/HP					
		16-40	SBX CL	F2 SS/SP					PS .45
5		0-18	G SL	VF2 NS/HP					
		18-36	SBX CL	F2 SS/SP					

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): PS Evaluated By: [Signature] Others Present:
Available Space (.1945)	✓	✓	
System Type(s)	25% QWD	PPBS	
Site LTAR	.45	.4	

Revised Report for
Soil Investigation and Septic System Design
Harnett Central Crossing – Lot 1A
18 March 2019

Figure 2. Septic System Layout



Onsite Wastewater Design Specifications

Design Flow (gal/day) = 1199
Lines flagged at site on 9-ft centers.

Line #	Color	Relative Elevation (ft)	Drainline Length(ft)	# of panels
1	B	282.09	150	35
2	W	281.82	160	37
3	R	281.69	173	40
4	B	281.34	180	42
5	Y	280.94	185	43
6	W	280.74	195	45
Pump Tank:				
Benchmark		281.50		

Initial System

483 feet of PPBPS, horizontal (Lines 1-3)
Installed on contour at 20 to 24 inches
LTAR 0.42 gal/day/sqft

Repair System

560 feet of PPBPS, horizontal (Lines 4-6)
Installed off contour at 20 to 24 inches
LTAR 0.36 gal/day/sqft