Bridges Farm-Burke Builders

Project No. 5-1224

LAYOUT FOR 2 BEDROOM HOME

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH
TBM		2.7			100.00	
INSTR. 1			102.70			
			SYSTEM			
1	Red			2.50	100.20	43
2	Yellow			3.30	99.40	63
3	Orange			3.40	99.30	60
4	Blue			3.70	99.00	45
			REPAIR			
		3.7	103.7			
5	Pink			5.50	98.20	80
6	Orange			6.00	97.70	80

	LINE LENGTH	LTAR GPD/FT^2	SYSTEM TYPE	TRENCH DEPTH	INNOVATIVE SYSTEM	DISTRIBUTION
System	211	0.300	INNOV	18"	CHAMBER	MANIFOLD
Repair	160	0.250	PPBPS	30"	N/A	LPP

Notes:

**TBM of system (front left EIP) is assumed to be 100'; all measures in feet

**TBM of repair (cement step behind house) is assumed to be 100'; all meas

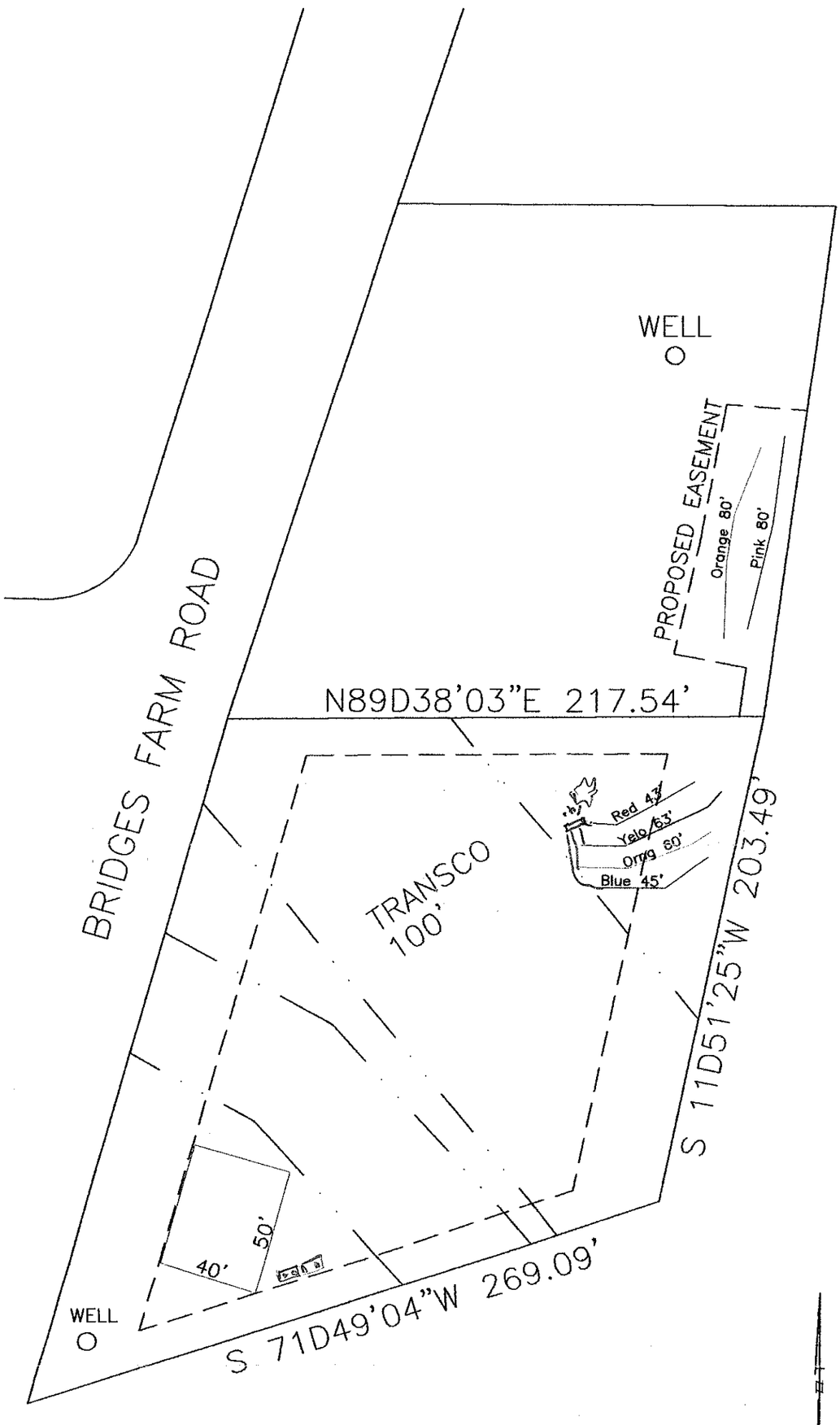
**Nitrification lines are demonstrated on contour via colored pin flags

**BS, HI, and FS indicate rod readings

Bridges Farm-Burke Builders

SYSTEM

Line #	Color	Elevation	Length	Hole Size	Flow/Tap	gpd	Trench Area	Line LTAR
1	Red	100.2	**43**	SCH 80 1/2	**5.48**	52.23	129	**0.40**
2	Yellow	99.4	**63**	SCH 40 1/2	**7.11**	67.77	189	**0.36**
3	Orange	99.3	**60**	SCH 40 1/2	**7.11**	67.77	180	**0.38**
4	Blue	99	**45**	SCH 80 1/2	**5.48**	52.23	135	**0.39**
	total	**feet =**	**211**	**gal/min =**	**25.18**			
			Des. Flow	**240**				
			Pump Run=	**9.53**				
			soil LTAR	**0.3**				
			EZFLO LTAR	**0.40**				



GRAPHIC SCALE
1" = 50'

50 0 50 100

NOT A SURVEY
BASE MAP FROM CO GIS

SHEET 1 OF 1	SHEET TITLE: SEPTIC SYSTEM LAYOUT SKETCH MAP	PROJECT NAME: BURKE BUILDERS BRIDGES FARM IREDELL COUNTY, NC 9/29/06	S&EC Soil & Environmental Consultants, PA 236 LePhillip Ct Suite D • Concord, North Carolina 28025 • Phone (704)720-9405 • Fax (704) 720-9406	SCALE 1" = 50'	WO FIELD WORK	WO DRAWN	WO PROJECT MGR. 5-1224	JOB NO.