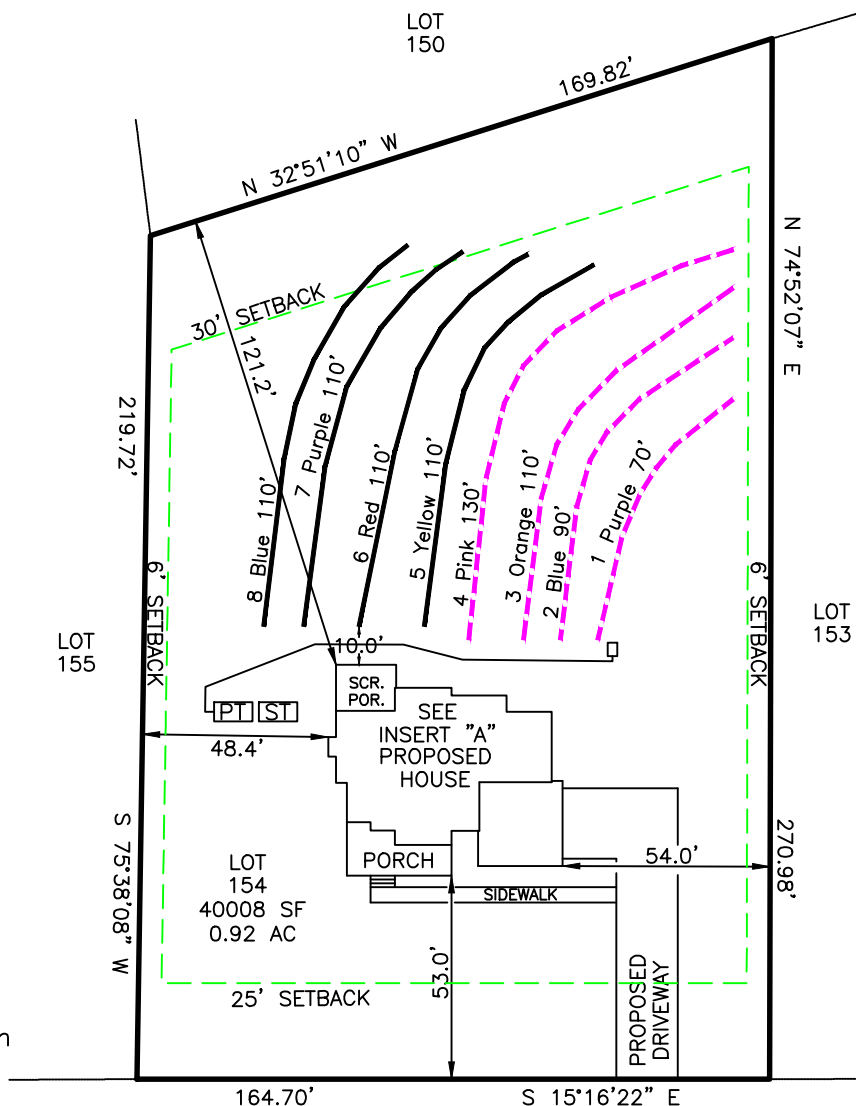
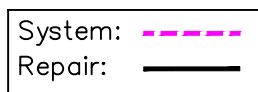
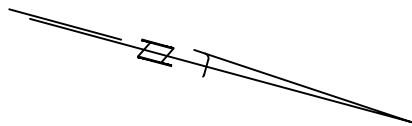




- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.
- *No adding soil within septic area
- *No rutting-up septic area
- *No cuts of >2' within 15' of septic areas

RIVER MANOR COURT
(50' PUBLIC R/W)

GRAPHIC SCALE
1" = 50'



System: Pressure Manifold
Lines: 1-4, (400')
Accepted Status System
0.3 Soil LTAR
12" Trench Bottom with 8" of cover

Repair: Pressure Manifold
Lines: 5-8, (440')
Accepted Status System
0.3 Soil LTAR
12" Trench Bottom with 8" of cover



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4-Bedroom Septic Layout
Lot 154, Ironwood Subdivision
Granville County, North Carolina

Job#: 4463
Drawn By: JR
Date: 02/20/2023
Revision:

Ironwood, Lot 154**TAP CHART**

Bench Mark	is = 100.00		Location of BM		Elevation Head		2.60		
Pump tank elev.	100.00		Pump elev.	94.60		Manifold elev.	97.20		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Purple	3.80	96.20	70	1/2in SCH 80	5.48	88.27	210	0.4203
2	Blue	4.40	95.60	90	1/2in SCH 40	7.11	114.52	270	0.4242
3	Orange	5.20	94.80	110	1/2in SCH 40	7.11	114.52	330	0.3470
4	Pink	6.30	93.70	130	3/4in SCH 80	10.1	162.68	390	0.4171

	total	feet =	400	gal/min =	29.8	<u>LTAR =</u>	0.3000
						<u>LTAR + %5</u>	0.3150
% of Dose Vol.	75		<u>Des. Flow</u>	480		(ltar W/ INOV)	0.4000
Dose Volume	195.00		Pump Run=	16.11		(ltar W/ INOV + 5%)	0.4200
Dose Pump Time	6.54		Tank Gal/IN	19.65			
Drawdown in Inches	9.92						

Ironwood, Lot 154**Repair TAP CHART**

Bench Mark	is = 100.00		Location of BM		Elevation Head		-0.80		
Pump tank elev.	100.00		Pump elev.	94.60		Manifold elev.	93.80		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
5	Yellow	7.20	92.80	110	3/4in SCH 80	10.1	120.00	330	0.3636
6	Red	8.40	91.60	110	3/4in SCH 80	10.1	120.00	330	0.3636
7	Purple	9.40	90.60	110	3/4in SCH 80	10.1	120.00	330	0.3636
8	Blue	9.90	90.10	110	3/4in SCH 80	10.1	120.00	330	0.3636

	total	feet =	440	gal/min =	40.4	<u>LTAR =</u>	0.3000
						<u>LTAR + %5</u>	0.3150
% of Dose Vol.	75		<u>Des. Flow</u>	480		(ltar W/ INOV)	0.4000
Dose Volume	214.50		Pump Run=	11.88		(ltar W/ INOV + 5%)	0.4200
Dose Pump Time	5.31		Tank Gal/IN	19.65			
Drawdown in Inches	10.92						