

03-5-5810

HAR T COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SECTION

No 16067

OPERATIONS PERMIT

Name: (owner) QUAIL RUN HOMES New Installation Septic Tank
 Property Location: SR# 2042 RAYNOR-M LAMB PO Repairs Nitrification Line
 Subdivision _____ Lot # _____
 TAX ID# _____ Quadrant # _____
 Contractor: GERALD TEMPLE Registration # _____

Basement with Plumbing: Garage:

Water Supply: Well Public Community

Distance From Well: 50 ft.

Following are the specifications for the sewage disposal system on above captioned property.

Type of system: Conventional Other PRESSURE MANIFOLD TO POLYSTYRENE AGG. TRENCH

Size of tank: Septic Tank: 1000 gallons Pump Tank: 1000 gallons

Subsurface	No. of	exact length	width of	depth of
Drainage Field	ditches <u>5</u>	of each ditch <u>VARIOUS</u> ft.	ditches <u>3</u> ft.	ditches <u>12</u> in.

French Drain: _____ Linear feet

Date: 5/9/03

PERMIT NO. 19817

Inspected by: [Signature]
Environmental Health Specialist

- SEE ATTACHED DRAWING
- DRAWING ALSO ON FILE AT HEALTH DEPARTMENT

03-5-5810

Mark Ann Rene Wallace Property

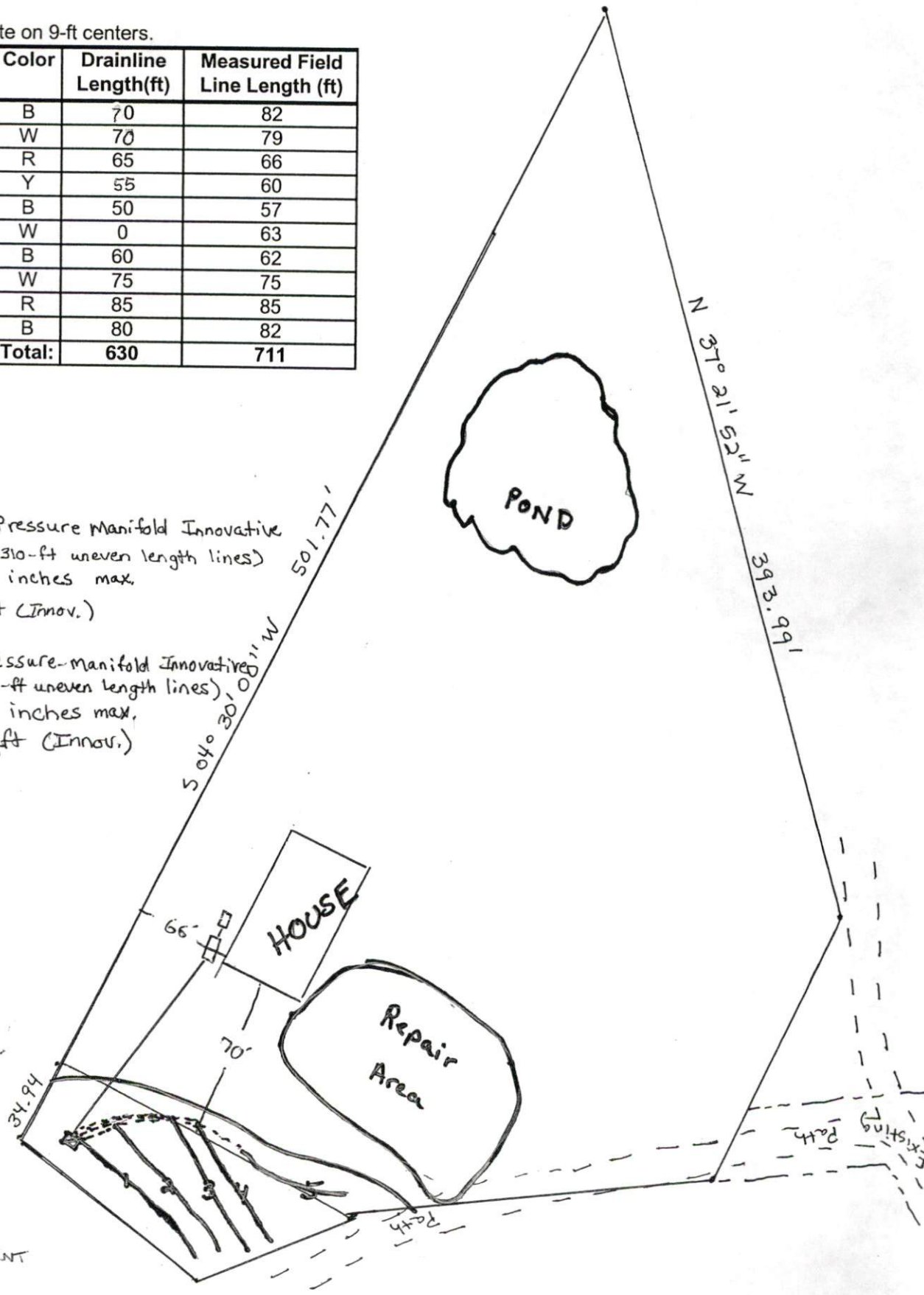
Lines flagged at site on 9-ft centers.

Initial/Repair	Line #	Color	Drainline Length(ft)	Measured Field Line Length (ft)
Initial	1	B	70	82
Initial	2	W	70	79
Initial	3	R	65	66
Initial	4	Y	55	60
Initial	5	B	50	57
N/A	6	W	0	63
Repair	7	B	60	62
Repair	8	W	75	75
Repair	9	R	85	85
Repair	10	B	80	82
Total:			630	711

Bedrooms: 3

Initial System: Pressure Manifold Innovative
 (310-ft uneven length lines)
 on contour @ 12 inches max.
 LTAR: 0.4 gpd/sqft (Innov.)

Repair System: Pressure-manifold Innovative
 (300-ft uneven length lines)
 on contour @ 12 inches max.
 LTAR: 0.4 gpd/sqft (Innov.)



Pressure Manifold Design Criteria

03-5-5810

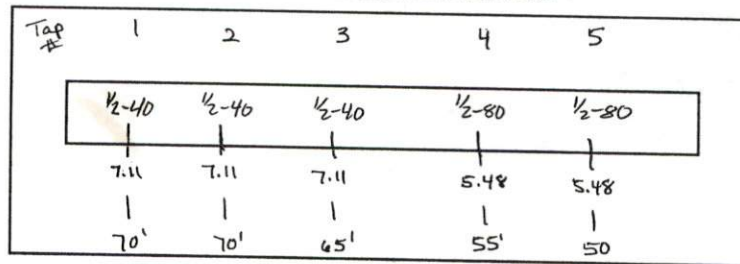
Initial System

Line Number	Line Color	Drainline Length(ft)	Tap Size/Schedule	gpm/tap	gpd/ft	LTAR (gpd/sqft)
1	B	70	1/2" sch 40	7.11	1.132	0.377
2	W	70	1/2" sch 40	7.11	1.132	0.377
3	R	65	1/2" sch 40	7.11	1.220	0.407
4	Y	55	1/2" sch 80	5.48	1.111	0.370
5	B	50	1/2" sch 80	5.48	1.222	0.407

Total Drainline= 310 Total Flow= 32.29

Pressure Head (ft)=	2
Daily Flow	360
Total Flow (gpm)=	32.29
Target LTAR (gpd/sqft)=	0.4
LTAR + 5%	0.42
Daily PRT(min)=	11.15
Dose Vol (gal)=	151.82
Dose PRT (min)=	4.70

4 Inch Schedule 80 Manifold



with Pipe
Vol at % 75