WHEATFIELD LOT 72
APPLICANT AND DESIGN SPECIFICATIONS

Applicant:	Brazos Development
Phone:	704-201-6532
Address:	PO Box Troutman, NC 28166
County:	Iredell
Location:	lot 72 Wheatfield
Application for:	3 Bedroom Single Family Residence
Gallons per day:	360
Linear feet:	345
Loading Rate (gpd/ft.2):	~.275
Trench Depth:	36"
Trench Width:	36"
Septic Tank Size:	1000
Pump Tank Size:	N/A
Estimated Supply line Length/ft:	15
Supply Line Diameter:	3"
Dosing volume:	ON DEMAND
Lateral line volume:	N/A
Supply Manifold:	N/A
Manifold Length:	N/A
Manifold Volume:	N/A
Pressure Head:	N/A
Friction Head:	N/A
Elevation Head:	N/A
Friction factor:	N/A
TDH:	N/A
Pump Run:	N/A
Threaded Union:	N/A
Gate Valves:	N/A
Check Valves:	N/A
Anti-Siphon Hole:	N/A
Design flow:	**N/A**
Trench Bottom FT/SQ:	**1035**
Number of fields	**1**
Supply line length	**5'**
Draw down:	**N/A**
Comments:	Soil suitability was performed by Iredell County Health Dept.

*Pump tank draw down based on 21 gallons per inch. Draw down may vary depending on tank manufacturers.

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SYSTEM TYPE	**25% REDUCTION**
SYSTEM LTAR	**~0.275 GPD/FTSQ**
SYSTEM LINE LENGTH	**345**
REPAIR TYPE	*LP PPBPS*
REPAIR LTAR	*~0.25 GPD/FTSQ*
REPAIR LINE LENGTH	*261*

LINE #	FLAG COLOR	SHOT ELEVATION	LINE LENGTH
1	BLUE	N/A	83
2	ORANGE	N/A	88
3	PINK	N/A	90
4	*BLUE*	*N/A*	*90*
5	*ORANGE*	*N/A*	*85*
6	*PINK*	*N/A*	*75*
7	*BLUE*	*N/A*	*55*
8	*ORANGE*	*N/A*	*40*
		Total	**606**
TBM		*N/A*	
HOUSE CORNER		*N/A*	
TANK		*N/A*	