WHEATFIELD LOT 34
APPLICANT AND DESIGN SPECIFICATIONS

Applicant:	Brazos Development
Phone:	704-201-6532
Address:	PO Box Troutman, NC 28166
County:	Iredell
Location:	lot 34 Wheatfield
Application for:	3 Bedroom Single Family Residence
Gallons per day:	360
Linear feet:	240
Loading Rate (gpd/ft.2):	0.25
Trench Depth:	36"
Trench Width:	24"
Septic Tank Size:	1000
Pump Tank Size:	N/A
Estimated Supply line Length/ft:	37
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:	480
Number of fields	1
Supply line length	37'
Draw down:	N/A
Comments:	Soil suitability was performed by Michael Athanas & Associates.

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

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SYSTEM TYPE	**PPBPS**
SYSTEM LTAR	**0.25 GPD/FTSQ**
SYSTEM LINE LENGTH	**240**
REPAIR TYPE	*LP PPBPS*
REPAIR LTAR	*0.25 GPD/FTSQ*
REPAIR LINE LENGTH	*240*

LINE #	FLAG COLOR	SHOT ELEVATION	LINE LENGTH
1	RED	N/A	50
2	**BLUE**	**N/A**	**40**
3	**BLUE**	**N/A**	**40**
4	**ORANGE**	***N/A***	**40**
5	**ORANGE**	***N/A***	**40**
6	**PINK**	***N/A***	**40**
7	**PINK**	***N/A***	**40**
8	RED	***N/A***	140
9	BLUE	***N/A***	50
		Total	**480**
TBM		***N/A***	
HOUSE CORNER		***N/A***	
TANK		***N/A***	

LINE#	COLOR	LENGTH	# OF PANELS
2	**BLUE**	**40**	**9**
3	**BLUE**	**40**	**9**
4	**ORANGE**	**40**	**9**
5	**ORANGE**	**40**	**9**
6	**PINK**	**40**	**9**
7	**PINK**	**40**	**9**
	TOTAL	**240**	**54**