WATERTREE LANDING LOT 61
APPLICANT AND DESIGN SPECIFICATIONS

Applicant:	Mid-Atlantic Custom Homes
Phone:	704-202-1266
Address:	PO Box 3792 Mooresville, NC 28117
County:	Iredell
Location:	Watertree lot 61
Application for:	4 Bedroom Single Family Residence
Gallons per day:	480
Linear feet:	400
Loading Rate (gpd/ft.2):	0.3
Trench Depth:	36 in.
Trench Width:	36 in.
Septic Tank Size:	1000
Pump Tank Size:	N/A
Estimated Supply line Length/ft:	2
Supply Line Diameter:	3 in. SCH 40 PVC
Dosing volume:	ON DEMAND
Lateral line volume:	261.20
Supply Manifold:	DROP BOXES
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:	480
Trench Bottom:	1200
Number of fields	1
Supply line length	5
Draw down:	N/A
Comments:	Soil suitability was used from existing permit.

*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	**0.3 GPD/FTSQ**
SYSTEM LINE LENGTH	**400**
REPAIR TYPE	*LP PPBPS*
REPAIR LTAR	*0.3 GPD/FTSQ*
REPAIR LINE LENGTH	*309*

LINE #	FLAG COLOR	SHOT ELEVATION	LINE LENGTH
1	***PINK***	***2.10***	***133***
2	***BLUE***	***2.70***	***134***
3	***ORANGE***	***3.60***	***133***
4	RED	4.30	110
5	PINK	5.20	85
6	BLUE	5.60	64
7	ORANGE	6.30	50
		Total	**709**
TBM		***7.40***	
HOUSE CORNER		***2.80***	
TANK		***N/A***	