THE POINT LOT 736
APPLICANT AND DESIGN SPECIFICATIONS

Applicant:	Drake SC I LLC
Phone:	704-321-3300
Address:	2501-B Plantation Drive Matthews, NC 28105
County:	Iredell
Location:	Point 736
Application for:	5 Bedroom Single Family Residence
Gallons per day:	600
Linear feet:	340
Loading Rate (gpd/ft.2):	0.3
Trench Depth:	36"
Trench Width:	36"
Septic Tank Size:	1500
Pump Tank Size:	1500
Estimated Supply line Length/ft:	10
Supply Line Diameter:	2"
Dosing volume:	190.548
Lateral line volume:	284.40
Supply Manifold:	2"
Manifold Length:	N/A
Manifold Volume:	N/A
Pressure Head:	2
Friction Head:	2.00
Elevation Head:	6.50
TDH:	12.08
Pump Run:	5.88
Threaded Union:	IN TANK
Gate Valves:	IN TANK
Check Valves:	IN TANK
Anti-Siphon Hole:	IN TANK
Design flow:	600
Trench Bottom FT/SQ:	1020
Number of fields	1
Supply line length	10
Draw down:	9.1
Comments:	Soil suitability was performed by Michael Athanas & Associates and Iredell County.

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

*Dosing volume base on 67% of lateral line volume.