

PROJECT INFO

Job Name:	Home Depot Leander
Company:	Hydrosource
Contact:	
Job Type:	New Station
Water Type/Source:	Stormwater
Import/Domestic:	Import Acceptable



PACKAGE/STARTUP

Offering:	Complete System
Mechanical:	All by Romtec Utilities
Pumps:	By Romtec Utilities
Control Panel:	By Romtec Utilities
Generator:	N/A
Advisor/Startup:	Mechanical & Electrical
Turnkey:	No

DESIGN CRITERIA - SWC8D-00-T0050-400x20-6D-43-0

FLOW RATE

Peak Inflow:	1770	GPM
Pumping Rate:	429	GPM (of single pump)
Static Head:	15.0	Feet
TDH:	19.0	Feet
TDH Calcs:	RU Calcs	

ACTIVE VOLUME

Max Pump Starts:	12.00	Starts/Hr
Cycle Time:	5.00	Minutes
Active Volume:	536.25	Gallons
Active Volume:	71.69	Cu Feet
Well Shape:	Round	
Well Diameter:	8	Feet
Well Dimensions:	N/A	N/A
Cross-Section Area:	50.27	Sq Feet
Min. Depth Required:	1.43	Feet
Active Depth:	1.50	Feet

DISCHARGE
ELEVATION
CENTERLINE
945.00ft
INVERT
944.50ft

STORAGE VOLUME (if required)

Time:		Minutes
Flow Rate:		GPM
Volume:	0.00	Gallons
Volume:	0.00	Cu. Feet
Min. Depth Required:	0.00	Feet
Storage Depth:		Feet

ON-SITE POWER

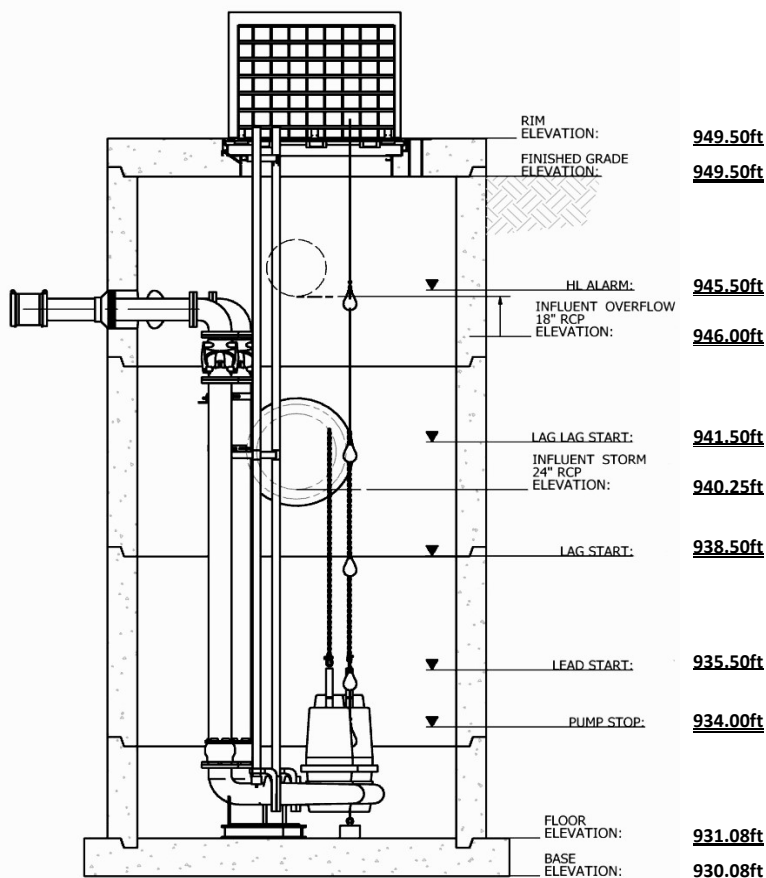
Power:	480V / 3-Phase
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FORCE MAIN

FM Info:	New	Triple FM
Length:	139	Feet
FM Discharge:	948.99	Feet
FM High Point:	948.99	Feet
	(1)	(2) (3)
Nominal ID:	6"	
Type/Rating:	PVC C900 DR18	

INFLUENT PIPING

	(1 Influent)	(2 Overflow)	(3)
Influent Invert:	940.25	946	
Influent Size:	24"	18"	
Type:	RCP	RCP	



Note: Image is a preliminary representation of the pumping system. Elevations shown are the primary factors used for sizing the wet well. Backup levels not shown. Additional (or fewer) level settings may be required.