

PROJECT INFO

Job Name:	Sun Valley SW
Company:	DEA
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:	By Romtec Utilities
Advisor/Startup:	Mechanical & Electrical

DESIGN CRITERIA

FLOW RATE

Peak Inflow:	4725	GPM
Pumping Rate:	2363	GPM (of single pump)
Static Head:	33.7	Feet
TDH:	44.4	Feet
TDH Calcs:	RU Calcs	

ACTIVE VOLUME

Max Pump Starts:	12.00	Starts/Hr
Cycle Time:	5.00	Minutes
Active Volume:	2953.75	Gallons
Active Volume:	394.88	Cu Feet
Well Shape:	Round	
Well Diameter:	10	Feet
Well Dimensions:	N/A	N/A
Cross-Section Area:	78.54	Sq Feet
Min. Depth Required:	5.03	Feet
Active Depth:	5.10	Feet

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

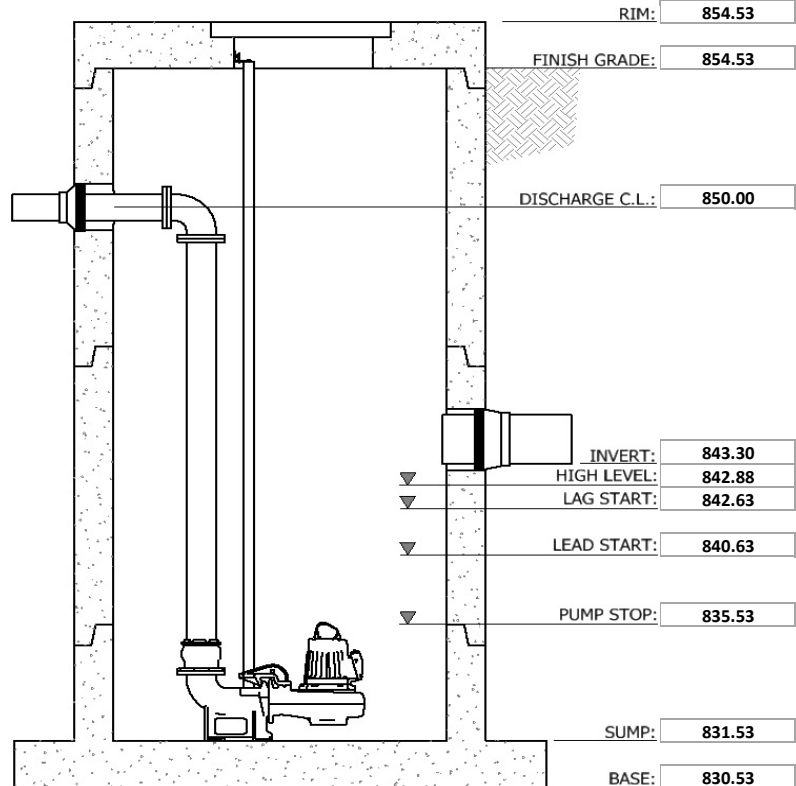
Power:	480V / 3-Phase
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FORCE MAIN

FM Info:	New	
Length:	255	Feet
FM Discharge:	869.22	Feet
FM High Point:	869.22	Feet
	(1)	(2) (3)
Nominal ID:	18"	
Type/Rating:	JM Eagle Loc900 DR25	

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	843.3	845	
Influent Size:	24"	12"	
Type:	HDPE (Corr.)	HDPE (Corr.)	



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.