

PROJECT INFO

Job Name:	Mt. Rose
Company:	KG Walters
Contact:	
Job Type:	New Station
Water Type/Source:	Wastewater (Sewage)
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

FLOW RATE

Peak Inflow:	60	GPM
Pumping Rate:	76	GPM (of single pump)
Static Head:	19.7	Feet
TDH:	21.0	Feet
TDH Calcs:	Spec	

ACTIVE VOLUME

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	114.00	Gallons
Active Volume:	15.24	Cu Feet
Well Shape:	Round	
Well Diameter:	5	Feet
Well Dimensions:	N/A	N/A
Cross-Section Area:	19.63	Sq Feet
Min. Depth Required:	0.78	Feet
Active Depth:	1.00	Feet

STORAGE VOLUME (if required)

Time:	1.00	Minutes
Flow Rate:	600	GPM
Volume:	600.00	Gallons
Volume:	80.21	Cu. Feet
Min. Depth Required:	4.09	Feet
Storage Depth:	3.29	Feet

ON-SITE POWER

Power:	480V / 3-Phase
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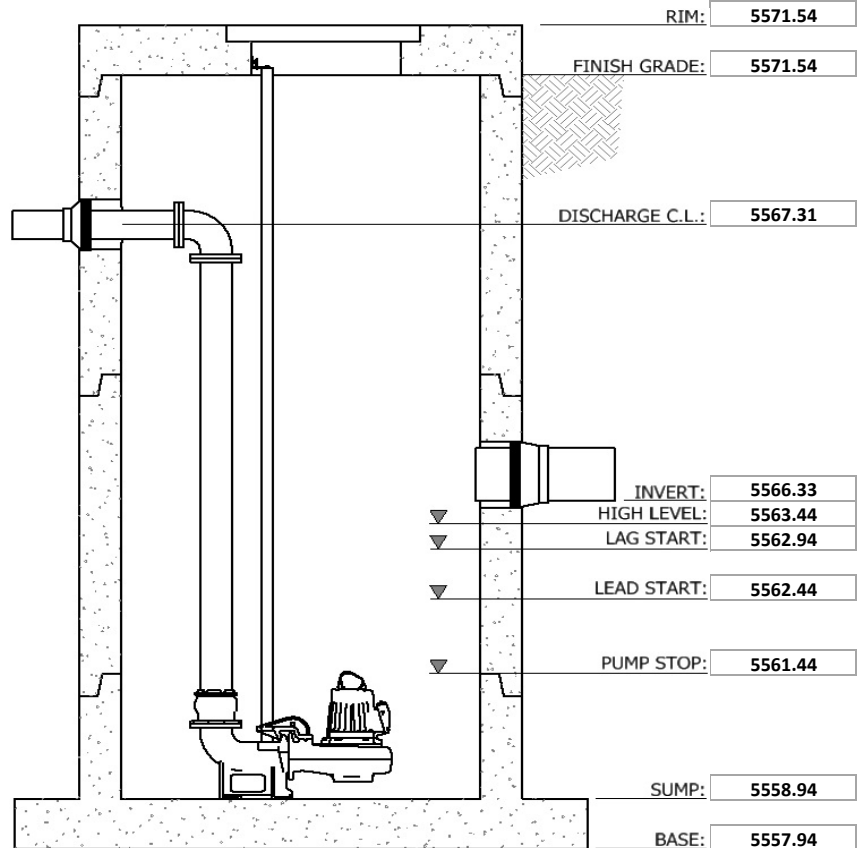
FORCE MAIN

FM Info:	New	Single FM
Length:	252	Feet
FM Discharge:	5581.12	Feet
FM High Point:	5581.12	Feet

	(1)	(2)	(3)
Nominal ID:	3"		
Type/Rating:	HDPE DR21 IPS		

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	5567.75	5566.33	5568.8
Influent Size:	4"	6"	2"
Type:	SDR 35	SDR 35	PVC (IPS)



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.