

PROJECT INFO

Job Name:	Stringfield at Granite Mtn LS
Company:	
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:	
Control Panel:	By Romtec Utilities
Generator:	
Advisor/Startup:	
Turnkey:	No

DESIGN CRITERIA - WWC8D-V0-D0110-400x110-4D-43-0B0

FLOW RATE

Peak Inflow:	170	GPM
Pumping Rate:	172	GPM (of single pump)
Static Head:	10.5	Feet
TDH:	108.1	Feet
TDH Calcs:	RU Calcs	

ACTIVE VOLUME

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	258.00	Gallons
Active Volume:	34.49	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:	0.69	Feet
Active Depth:	0.70	Feet

STORAGE VOLUME (if required)

Time:	30.00	Minutes
Flow Rate:	55	GPM
Volume:	1650.00	Gallons
Volume:	220.58	Cu. Feet
Min. Depth Required:	4.39	Feet
Storage Depth:	4.40	Feet

ON-SITE POWER

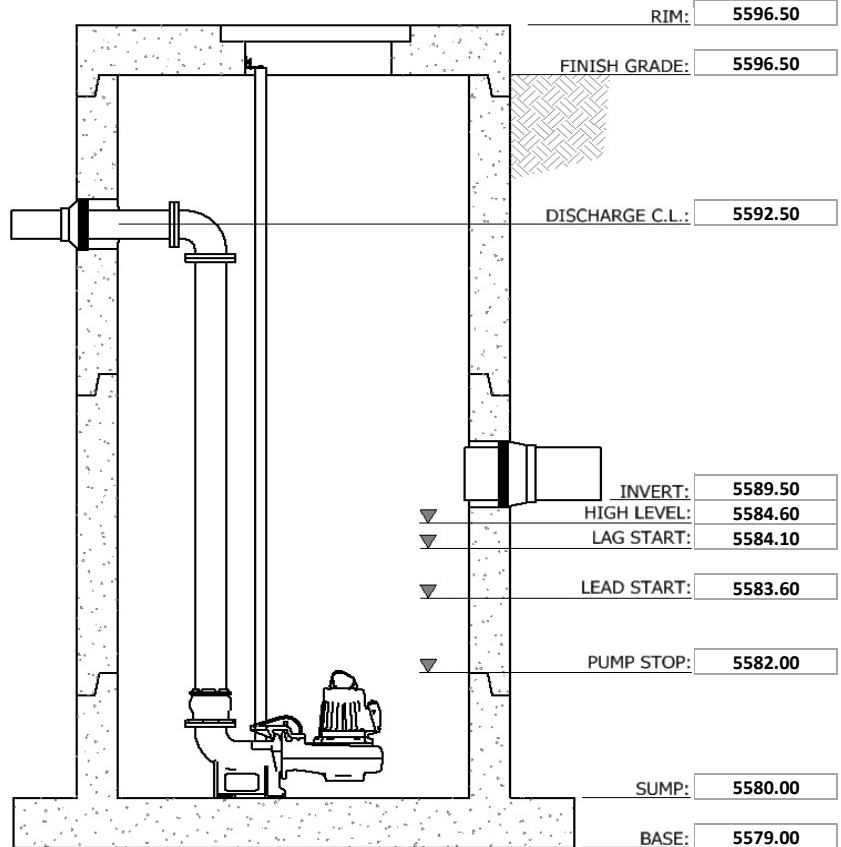
Power:	480V / 3-Phase
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FORCE MAIN

FM Info:	New	Single FM
Length:	8700	Feet
FM Discharge:	5443.40	Feet
FM High Point:	5592.50	Feet
Nominal ID:	4"	(1) (2) (3)
Type/Rating:	HDPE DR11 IPS	

INFLUENT PIPING

Influent Invert:	5589.5	(1) (2) (3)
Influent Size:	8"	
Type:	DIP	



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.