

PROJECT INFO

Job Name:	Melanie Measows Pump Station
Company:	K Hovnanian
Contact:	Steve Herndon
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:	By Romtec Utilities
Advisor/Startup:	Mechanical & Electrical

DESIGN CRITERIA

FLOW RATE

Peak Inflow:	550	GPM
Pumping Rate:	596	GPM (of single pump)
Static Head:	16.9	Feet
TDH:	25.0	Feet
TDH Calcs:	Given	

ACTIVE VOLUME

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	894.00	Gallons
Active Volume:	119.52	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:	2.38	Feet
Active Depth:	2.40	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:	240V / 3-Phase
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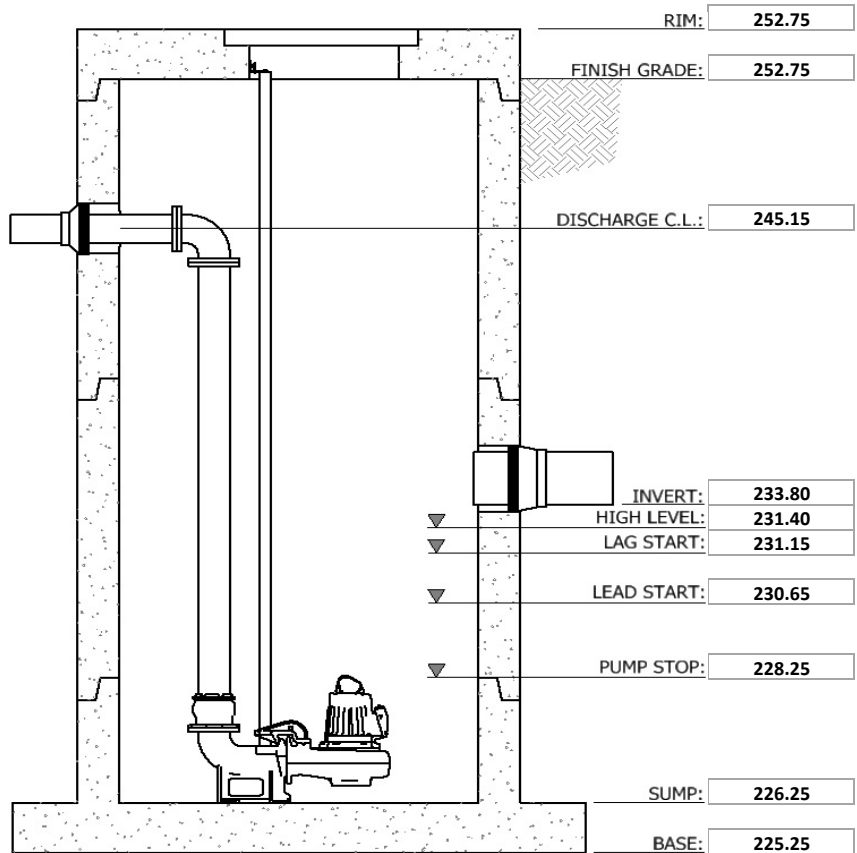
FORCE MAIN

FM Info:	New	Single FM
Length:	40	Feet
FM Discharge:	244.00	Feet
FM High Point:	245.15	Feet

	(1)	(2)	(3)
Nominal ID:	6"		
Type/Rating:	C900 PR-125 DR32.5		

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	233.8		
Influent Size:	15"		
Type:	VCP		



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.