

PROJECT INFO

Job Name:	Warrenton Middle School
Company:	kpff
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 - WWC5D-V0-D0050-90x40-3P-43-0

FLOW RATE

Peak Inflow:	29	GPM
Pumping Rate:	91	GPM (of single pump)
Static Head:	9.8	Feet
TDH:	41.5	Feet
TDH Calcs:	RU Calcs	

ACTIVE VOLUME

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	136.50	Gallons
Active Volume:	18.25	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:	0.93	Feet
Active Depth:	1.00	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

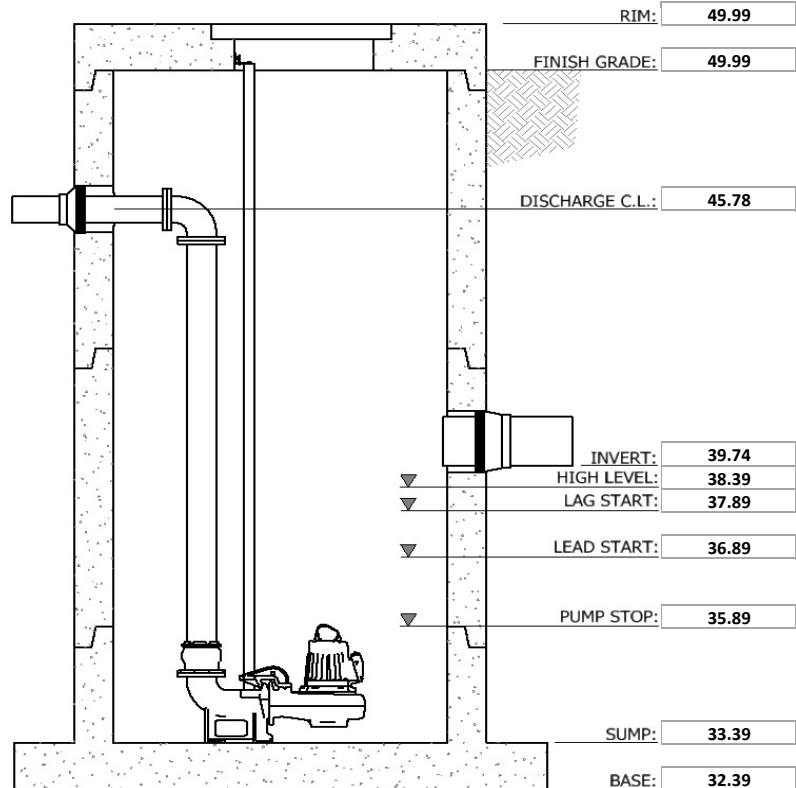
Power:	480V / 3-Phase
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FORCE MAIN

FM Info:	New	Single FM	
Length:	1177	Feet	
FM Discharge:	30.00	Feet	
FM High Point:	45.65	Feet	
	(1)	(2)	(3)
Nominal ID:	3"		
Type/Rating:	PVC SCH 40		

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	39.74		
Influent Size:	6"		
Type:	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.