

**PROJECT INFO**

Job Name:	Washington Pump Station
Company:	Thienes Engineering
Contact:	Cesar Raymundo
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:	188	GPM
Pumping Rate:	205	GPM (of single pump)
Static Head:	10.8	Feet
TDH:	20.4	Feet
TDH Calcs:	RU Calcs	

**ACTIVE VOLUME**

Max Pump Starts:	6.00	Starts/Hr
Cycle Time:	10.00	Minutes
Active Volume:	512.50	Gallons
Active Volume:	68.51	Cu Feet
Well Shape:	Rectangular	
Well Diameter:	N/A	Feet
Well Dimensions:	6.00	8.00
Cross-Section Area:	48.00	Sq Feet
Min. Depth Required:	1.43	Feet
Active Depth:	1.50	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**

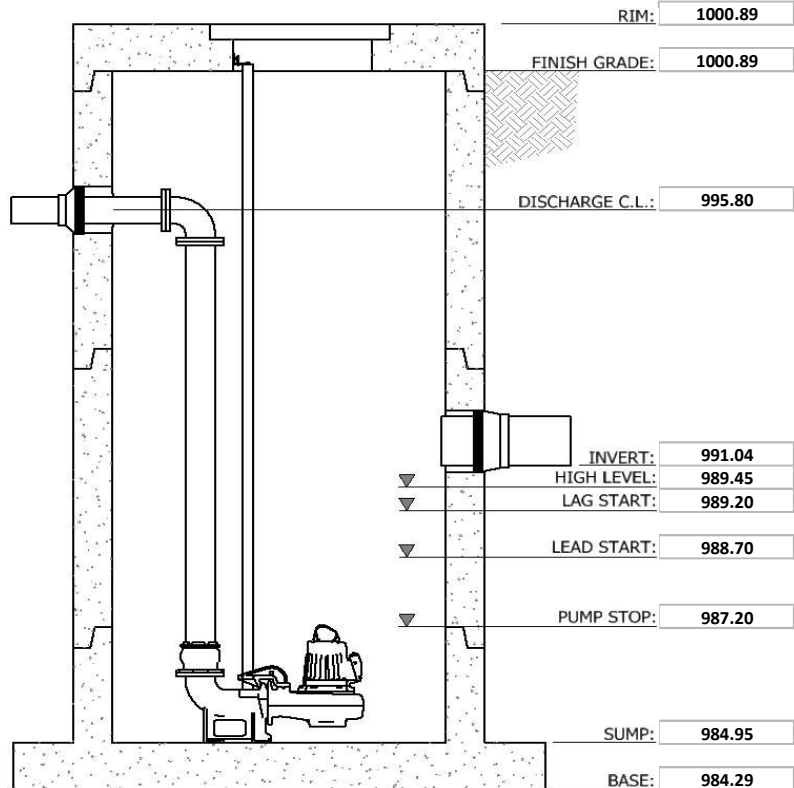
Power:	208V / 3-Phase
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**FORCE MAIN**

FM Info:	New	Single FM
Length:	1200	Feet
FM Discharge:	997.98	Feet
FM High Point:	997.98	Feet
	(1)	(2) (3)
Nominal ID:	6"	
Type/Rating:	HDPE DR11 IPS, 5.348" ID	

**INFLUENT PIPING**

Influent Invert:	991.04	(1)	(2)	(3)
Influent Size:	8"			
Type:	PVC (DIPS)			



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.