

PROJECT INFO

Job Name:	MPC O-Plant Industrial
Company:	AAI
Contact:	
Job Type:	New Station
Water Type/Source:	Stormwater
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:	475	GPM
Pumping Rate:	475	GPM (of single pump)
Static Head:	14.3	Feet
TDH:	19.7	Feet
TDH Calcs:	RU Calcs	

ACTIVE VOLUME

Max Pump Starts:	15.00	Starts/Hr
Cycle Time:	4.00	Minutes
Active Volume:	475.00	Gallons
Active Volume:	63.50	Cu Feet
Well Shape:	Round	
Well Diameter:	6	Feet
Well Dimensions:	N/A	N/A
Cross-Section Area:	28.27	Sq Feet
Min. Depth Required:	2.25	Feet
Active Depth:	2.30	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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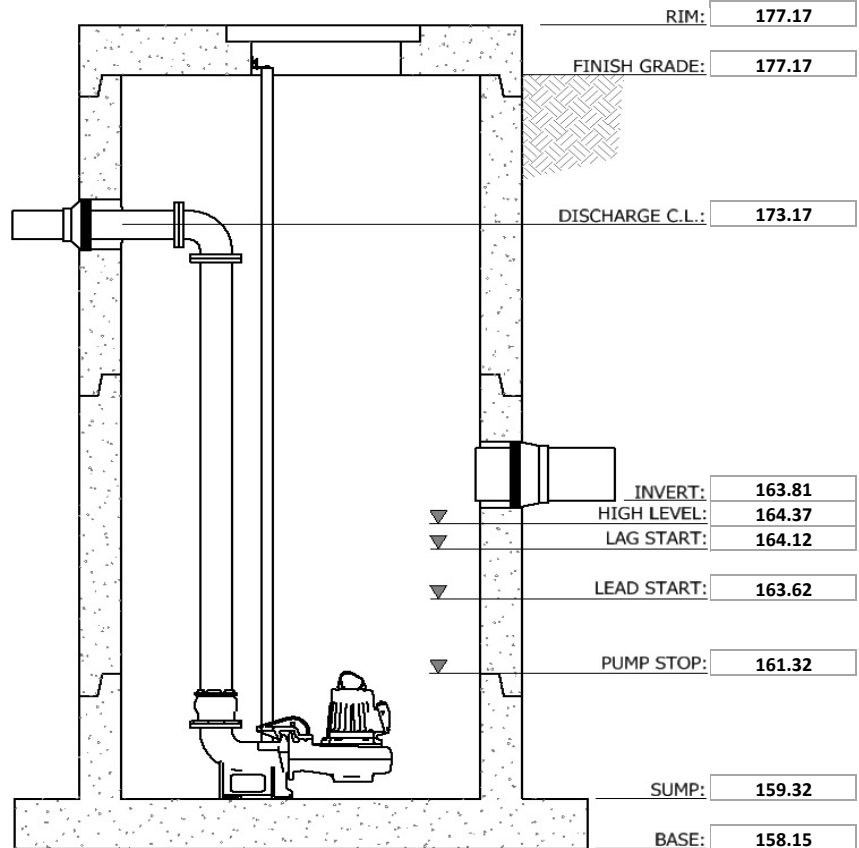
FORCE MAIN

FM Info:	New	Single FM
Length:	192	Feet
FM Discharge:	175.60	Feet
FM High Point:	175.60	Feet

	(1)	(2)	(3)
Nominal ID:	6"		
Type/Rating:	C900 PVC DR18		

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	163.81	169.28	
Influent Size:	8"	8"	
Type:	Unknown	Unknown	



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.