

PROJECT INFO

Job Name:	PK9527- RTO
Company:	Worley Parsons
Contact:	
Job Type:	New Station
Water Type/Source:	Wastewater (Industrial)
Import/Domestic:	American Iron & Steel



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 - IWS5D-0M-D0050-50x70-2S-43-0

FLOW RATE

Peak Inflow:	50	GPM
Pumping Rate:	50	GPM (of single pump)
Static Head:	-94.0	Feet
TDH:	69.0	Feet
TDH Calcs:	Given	

ACTIVE VOLUME

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	75.00	Gallons
Active Volume:	10.03	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:	0.51	Feet
Active Depth:	0.60	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

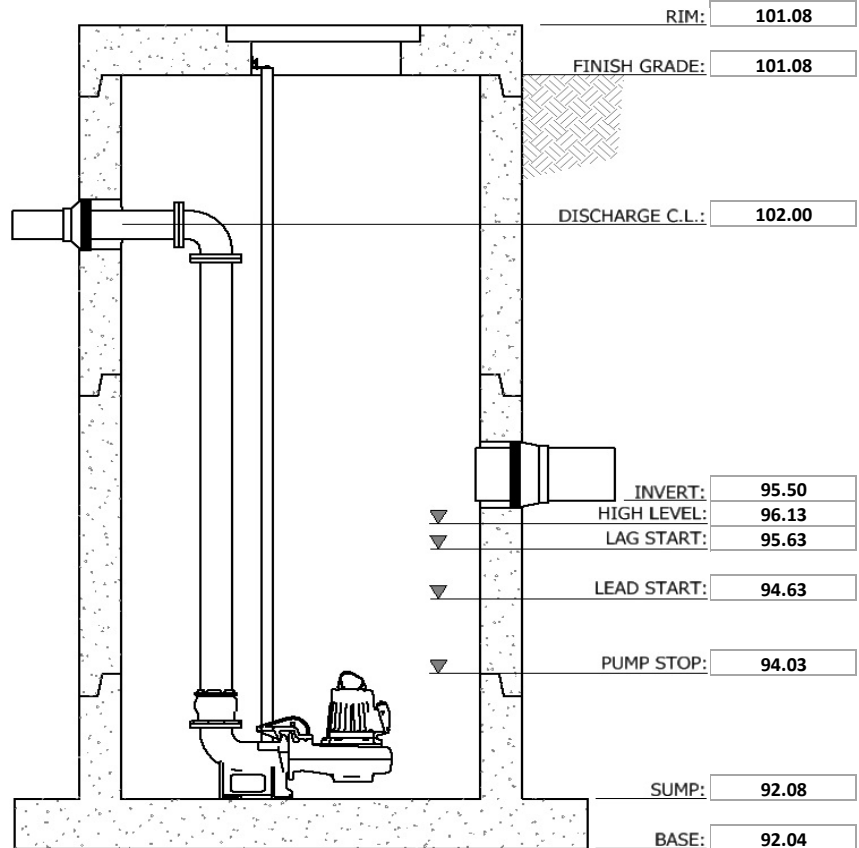
Power:	480V / 3-Phase
--------	----------------

FORCE MAIN

FM Info:			
Length:		Feet	
FM Discharge:		Feet	
FM High Point:		Feet	
Nominal ID:	(1)	(2)	(3)
Type/Rating:			

INFLUENT PIPING

Influent Invert:	(1)	(2)	(3)
Influent Size:		4"	
Type:		SS 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.