

PROJECT INFO

Job Name:	Army Depot Park
Company:	
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:	-
Advisor/Startup:	Mechanical & Electrical

DESIGN CRITERIA

FLOW RATE

Peak Inflow:	1530	GPM
Pumping Rate:	930	GPM (of single pump)
Static Head:	10.2	Feet
TDH:	24.1	Feet
TDH Calcs:	RU Calcs	

ACTIVE VOLUME

Max Pump Starts:	20.00	Starts/Hr
Cycle Time:	3.00	Minutes
Active Volume:	697.50	Gallons
Active Volume:	93.25	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:	1.86	Feet
Active Depth:	2.00	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

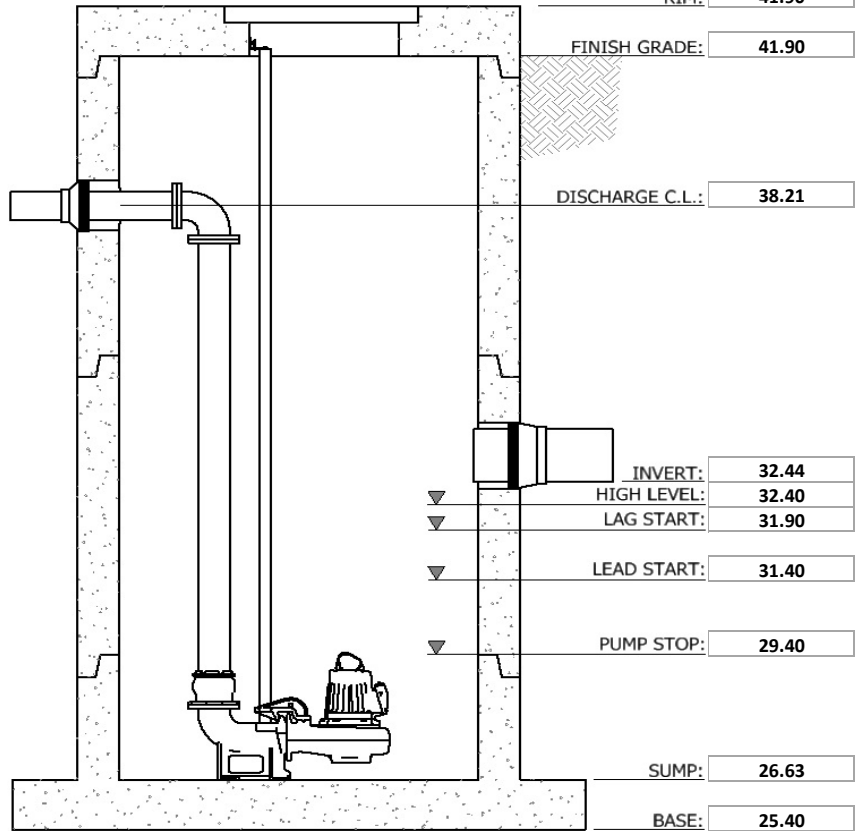
Power:	480V / 3-Phase
--------	----------------

FORCE MAIN

FM Info:	New	Single FM
Length:	642	Feet
FM Discharge:	39.60	Feet
FM High Point:	39.60	Feet
Nominal ID:	10"	(1) (2) (3)
Type/Rating:	PVC C900 DR18	

INFLUENT PIPING

Influent Invert:	32.87	32.44	37.81
Influent Size:	8"	12"	6"
Type:	Unknown	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.