

PROJECT INFO

Job Name:	TCORE
Company:	Coffman Excavation
Contact:	Patrick Owens
Job Type:	New Station
Water Type/Source:	Wastewater (Industrial)
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:	2500	GPM
Pumping Rate:	2030	GPM (of single pump)
Static Head:	28.4	Feet
TDH:	59.0	Feet
TDH Calcs:	Given	

ACTIVE VOLUME

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	3045.00	Gallons
Active Volume:	407.07	Cu Feet
Well Shape:	Round	
Well Diameter:	12	Feet
Well Dimensions:	N/A	N/A
Cross-Section Area:	113.10	Sq Feet
Min. Depth Required:	3.60	Feet
Active Depth:	3.75	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

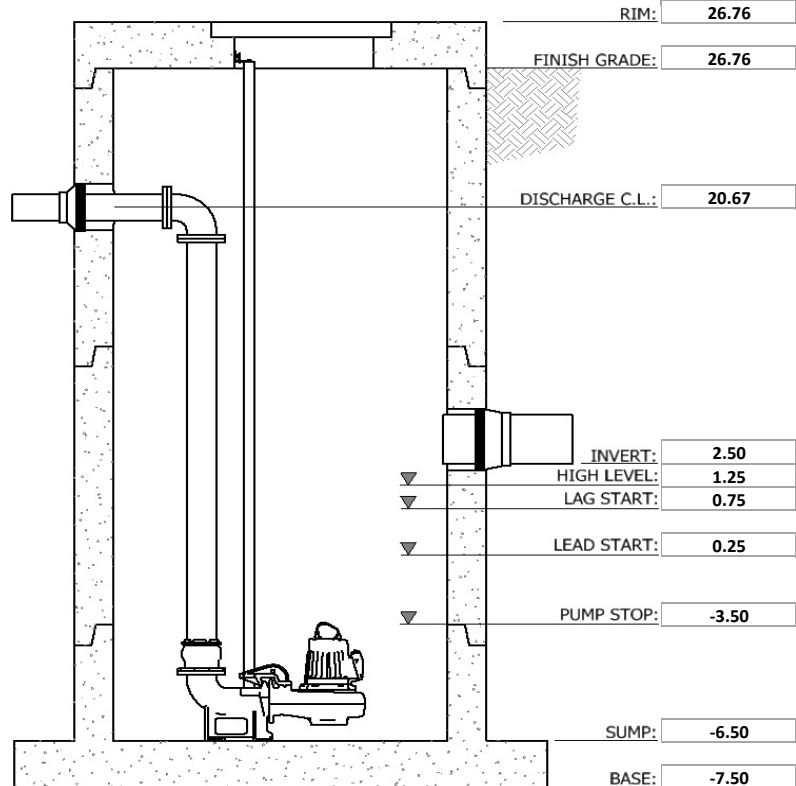
Power:	480V / 3-Phase
--------	----------------

FORCE MAIN

FM Info:	New & Existing		
Length:		Feet	
FM Discharge:		Feet	
FM High Point:		Feet	
	(1)	(2)	(3)
Nominal ID:	18"		
Type/Rating:	DUCTILE IRON		

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	2.5	12.61	
Influent Size:	24"	12"	
Type:	Ductile Iron	Ductile Iron	



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.