PROJECT INFO

Job Name:	**NSGB**
Company:	
Contact:	
Job Type:	**New Station**
Water Type/Source:	**Wastewater (Sewage)**
Import/Domestic:	

ROMTEC UTILITIES

PACKAGE/STARTUP

Offering:	**Complete System**
Mechanical:	
Pumps:	
Control Panel:	
Generator:	
Advisor/Startup:	**Mechanical & Electrical**
Turnkey:	**No**

DESIGN CRITERIA - WWF4D-0M-D0030-80x30-3P-43-0

FLOW RATE

Peak Inflow:	**45**	GPM
Pumping Rate:	**80**	GPM (of single pump)
Static Head:	**9.4**	Feet
TDH:	**26.5**	Feet
TDH Calcs:	**Given**	

ACTIVE VOLUME

Max Pump Starts:	**13.00**	Starts/Hr
Cycle Time:	**4.62**	Minutes
Active Volume:	**92.31**	Gallons
Active Volume:	**12.34**	Cu Feet
Well Shape:	**Round**	
Well Diameter:	**4**	Feet
Well Dimensions:	**N/A**	**N/A**
Cross-Section Area:	**12.57**	Sq Feet
Min. Depth Required:	**0.98**	Feet
Active Depth:	**1.00**	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:		
Length:		Feet
FM Discharge:	**5.00**	Feet
FM High Point:		Feet

	(1)	(2)	(3)
Nominal ID:			
Type/Rating:			

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	**-2.875**		
Influent Size:	**4"**		
Type:	**PVC (IPS)**		

RIM:	**0.00**
FINISH GRADE:	**0.00**
DISCHARGE C.L.:	**-1.50**
INVERT:	**-2.875**
HIGH LEVEL:	**-2.92**
LAG START:	**-3.17**
LEAD START:	**-3.42**
PUMP STOP:	**-4.42**
SUMP:	**-6.42**
BASE:	**-6.62**
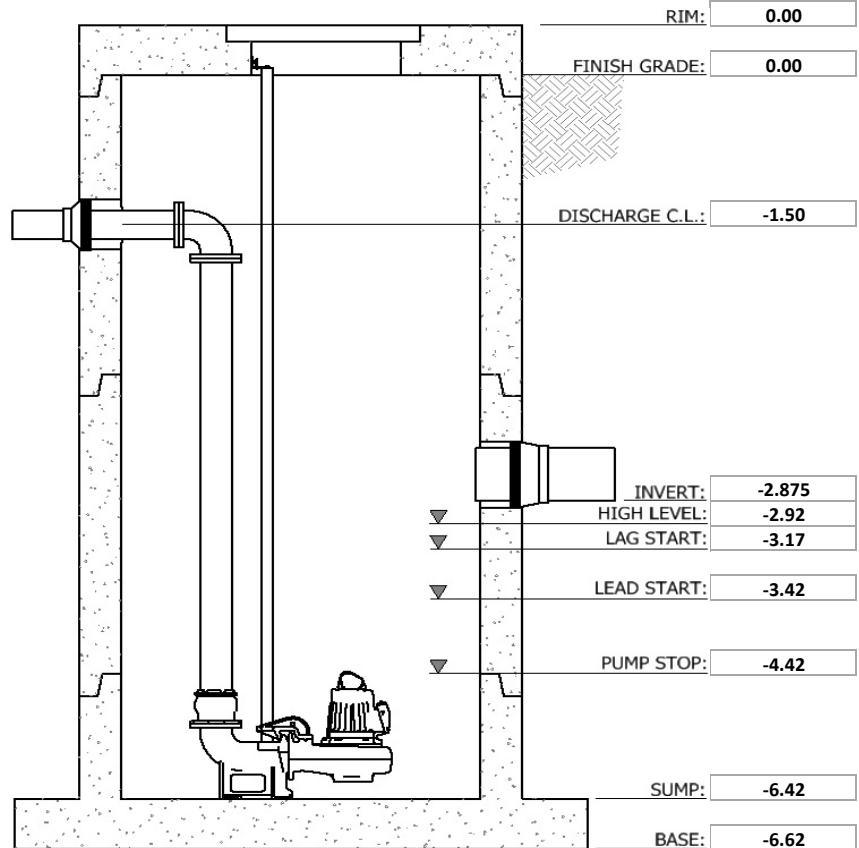
Note: Image is a preliminary representation of the pumping system.
Elevations shown are the primary factors used for sizing the wet well.
Backup levels not shown. Additional (or fewer) level settings may be required.