

PROJECT INFO

Job Name:	Grain Millers PD
Company:	
Contact:	
Job Type:	New Station
Water Type/Source:	Wastewater (Sewage)
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

DESIGN CRITERIA
FLOW RATE

Peak Inflow:	17	GPM
Pumping Rate:	70	GPM (of single pump)
Static Head:	11.8	Feet
TDH:	38.0	Feet
TDH Calcs:	RU Calcs	

ACTIVE VOLUME

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	105.00	Gallons
Active Volume:	14.04	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:	1.12	Feet
Active Depth:	1.20	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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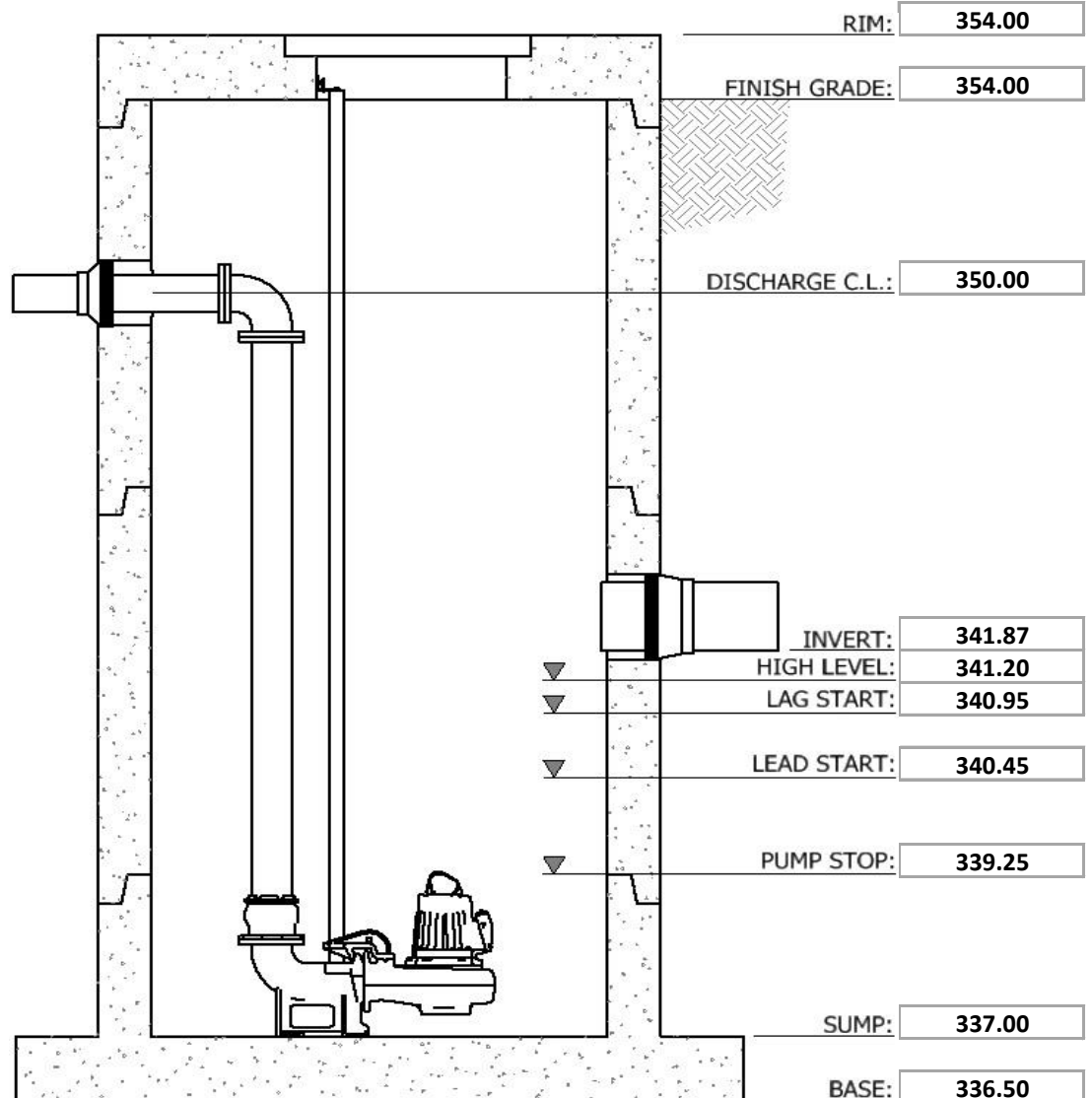
FORCE MAIN

FM Info:	New	Single FM
Length:	1965.5	Feet
FM Discharge:	346.00	Feet
FM High Point:	351.00	Feet

	(1)	(2)	(3)
Nominal ID:	3"		
Type/Rating:	HDPE DR 17 (IPS)		

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	341.87		
Influent Size:	8"		
Type:	PVC (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.