

**PROJECT INFO**

Job Name:	Nielsen Industrial
Company:	SHG
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:	82	GPM
Pumping Rate:	98	GPM (of single pump)
Static Head:	16.9	Feet
TDH:	19.7	Feet
TDH Calcs:	RU Calcs	

**ACTIVE VOLUME**

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	147.00	Gallons
Active Volume:	19.65	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:	1.00	Feet
Active Depth:	1.00	Feet

**STORAGE VOLUME (if required)**

Time:		Minutes
Flow Rate:	82	GPM
Volume:	0.00	Gallons
Volume:	0.00	Cu. Feet
Min. Depth Required:	0.00	Feet
Storage Depth:		Feet

**ON-SITE POWER**

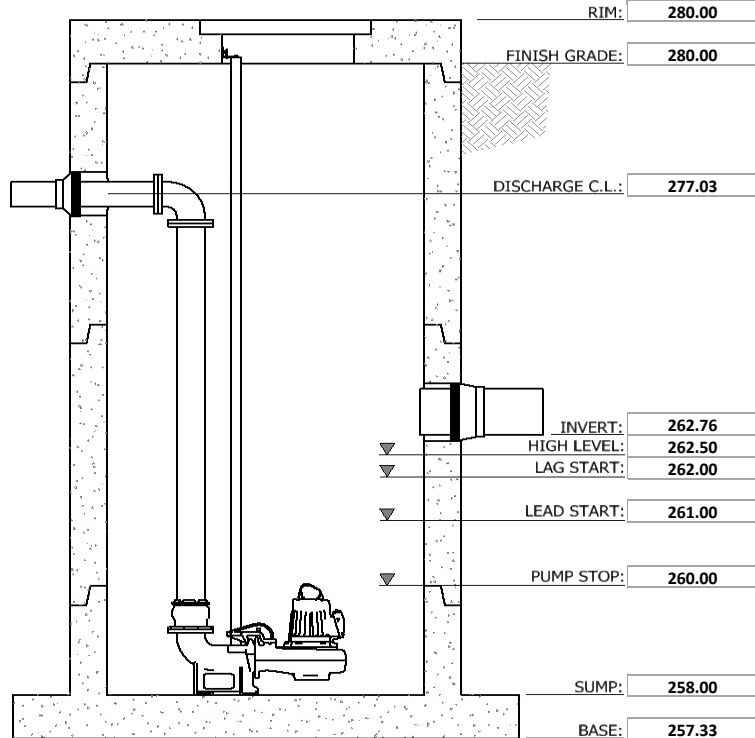
Power:	480V / 3-Phase
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**FORCE MAIN**

FM Info:	New	Dual FM
Length:	24	Feet
FM Discharge INV:	276.90	Feet
FM High Point INV:	276.90	Feet
Nominal ID:	3"	
Type/Rating:	PVC SCH 80	

**INFLUENT PIPING**

	(1)	(2)	(3)
Influent Invert:	262.76	275.67	
Influent Size:	8"	8"	
Type:	PVC (IPS)	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.