

PROJECT INFO Job Name: EAST AREA 1 Company: Contact: Job Type: New Station Water Type: Wastewater	PACKAGE/STARTUP Offering: Complete System Mechanical: Includes Wet Well Pumps: Includes Pumps Control Panel: Includes Panel Startup: Mechanical & Electrical																																				
WET WELL SUMMARY Material: Concrete Diameter: 12 Feet Barrels: 27 Feet Inside Height: 30.00 Feet Storage Depth: 0.00 Feet Disch. Piping Size: 6" Disch. Piping Type: Ductile Iron Disch. Piping Style: Straight Through Lining: Unlined	<table border="1" style="margin: auto;"> <tr> <td>CURRENT REVISION</td> <td>6/10/20</td> <td>12</td> </tr> </table>	CURRENT REVISION	6/10/20	12																																	
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WET WELL TOP Traffic Rating: H-20 Occasional Hatch Options: N/A Vent Options: Vent (Cast in top slab)																																					
WET WELL BASE Base: Flat sump (w/ grout ring) Lining: No Lining		RIM: 290.40 FG: 290.40 DISCH CL: 285.00 INFLUENT: 271.35 HIGH LEVEL: 265.63 LAG START: 265.13 LEAD START: 264.63 LEAD STOP: 263.33 SUMP: 259.40 BASE: 258.73																																			
CRANE Crane: N/A Crane Base:																																					
FORCE MAIN ID/Length: 8" 2826.85 Type/Rating: PVC C900 DR18, Ductile iron FM High Point: 285.00																																					
DUTY POINT Pumping Rate: 740 GPM (two pumps) Static Head: 21.67 Feet TDH: 59.4 Feet																																					
PRIMARY PUMPS Configuration: Triplex Configuration Manufacturer: Vaughn Model: S4L Impeller Model/Dia: C - 8.30" Trim: Yes Motor HP: 15 HP Expl. Proof: Yes Voltage/Phase: 460V / 3-Phase Cable Length: 75 Mix Flush Valve: N/A	SENSOR AND ELEVATION TABLE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Elevation</th> <th>Distance</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>271.35</td> <td></td> <td>Invert In</td> </tr> <tr> <td></td> <td>5.72</td> <td>Sensor Spacing</td> </tr> <tr> <td>265.63</td> <td></td> <td>HL Alarm</td> </tr> <tr> <td></td> <td>0.50</td> <td>Sensor Spacing</td> </tr> <tr> <td>265.13</td> <td></td> <td>Lag Start</td> </tr> <tr> <td></td> <td>0.50</td> <td>Sensor Spacing</td> </tr> <tr> <td>264.63</td> <td></td> <td>Lead Start</td> </tr> <tr> <td></td> <td>1.30</td> <td>Sensor Spacing</td> </tr> <tr> <td>263.33</td> <td></td> <td>Pump Stop</td> </tr> <tr> <td></td> <td>3.93</td> <td>Sensor Spacing</td> </tr> <tr> <td>259.40</td> <td></td> <td>Sump Floor</td> </tr> </tbody> </table>	Elevation	Distance	Description	271.35		Invert In		5.72	Sensor Spacing	265.63		HL Alarm		0.50	Sensor Spacing	265.13		Lag Start		0.50	Sensor Spacing	264.63		Lead Start		1.30	Sensor Spacing	263.33		Pump Stop		3.93	Sensor Spacing	259.40		Sump Floor
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VALVE VAULT Valve Size: 6" Model 810 (8'x10'x7') Hatch: H-20 Occasional Pressure Gauge: on each Diaphragm Seal Check Options: Indicators and Backflow Actuator Shut Off Options: Plug Geared Op Nut Options: Pig Launcher Options: Ladder Options: N/A	METER VAULT Valve Size: N/A 0 Hatch: 0 Pressure Gauge: 0 Shut Off Options: 0 0 Options: 0 Options: 0 Options: 0 Flow Meter: 0																																				
CONTROL PANEL Power: 480V / 3-Phase Controller: MicroLogix 1400 Primary Sensor: Pressure Transducer Secondary Sensor: 4 Floats Enclosure: NEMA 4 Pump/Sense Wiring: Direct Options: Color HMI Options: 0	GENERATOR Model: D125-8 Enclosure: Sound Attenuation Level 2 Transfer Switch: 230A Options: 24Hr. Fuel Tank Options: Auxiliary Alarm Contacts																																				
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