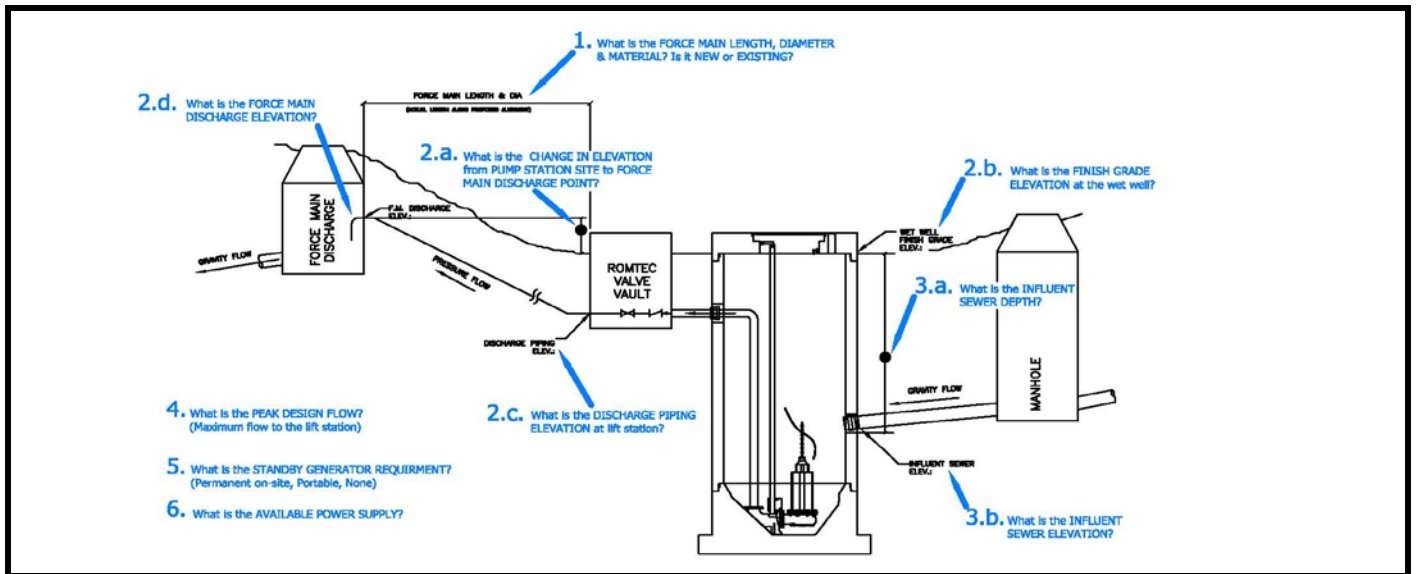


5.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA



1. Force main length:	96 ft.																									
Force main diameter (inside):	3 in. inside dia.																									
Force main material (PVC, DI, etc.):	PVC SCH40																									
Force Main is:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing																									
Force Main Discharge (manhole, gravity sewer, pressure force main, etc.)	Bioretention Cell																									
Source of Water:	Parking Lot Runoff																									
Water Type:	Stormwater																									
2.a Elevation change from lift station site to force main discharge point:	-2 ft.																									
2.b Finish grade elevation at wet well:	123.5 ft.																									
2.c Discharge piping centerline elevation at lift station:	119.4 ft.																									
2.d Force main discharge elevation:	121.5 ft.																									
3.a Influent sewer depth:	5.1 ft.																									
3.b Influent sewer elevation:	118.4 ft.																									
4. Peak design inflow (maximum flow to lift station):	221 g.p.m.																									
5.																										
Pumping Rate:	50 g.p.m.																									
6. Standby generator requirement:	<table border="1"> <tr> <td>None</td> <td>Permanent</td> <td>Portable</td> <td>None</td> <td>Don't Know</td> </tr> <tr> <td></td> <td>Diesel</td> <td>Natural Gas</td> <td>Propane</td> <td></td> </tr> <tr> <td>208V</td> <td>208V</td> <td>240V</td> <td>480V</td> <td></td> </tr> <tr> <td>3-phase</td> <td>Single-phase</td> <td>3-phase</td> <td></td> <td></td> </tr> <tr> <td>Yes</td> <td>Yes</td> <td>No</td> <td></td> <td></td> </tr> </table>	None	Permanent	Portable	None	Don't Know		Diesel	Natural Gas	Propane		208V	208V	240V	480V		3-phase	Single-phase	3-phase			Yes	Yes	No		
None	Permanent	Portable	None	Don't Know																						
	Diesel	Natural Gas	Propane																							
208V	208V	240V	480V																							
3-phase	Single-phase	3-phase																								
Yes	Yes	No																								
Standby generator fuel:																										
7. Available power supply:																										
Is this lift station considered a classified space?																										

(Throttle valves to reduce flow to 31 gpm going into bio-cell. Excess inflow overflows into manhole)