

4.02 LIFT STATION DESIGN CRITERIA FORM

Romtec Utilities has designed this 9/13/13 dated Scope of Supply and Design Submittal based on the following information:

PART 1: PROJECT CONTACT INFORMATION

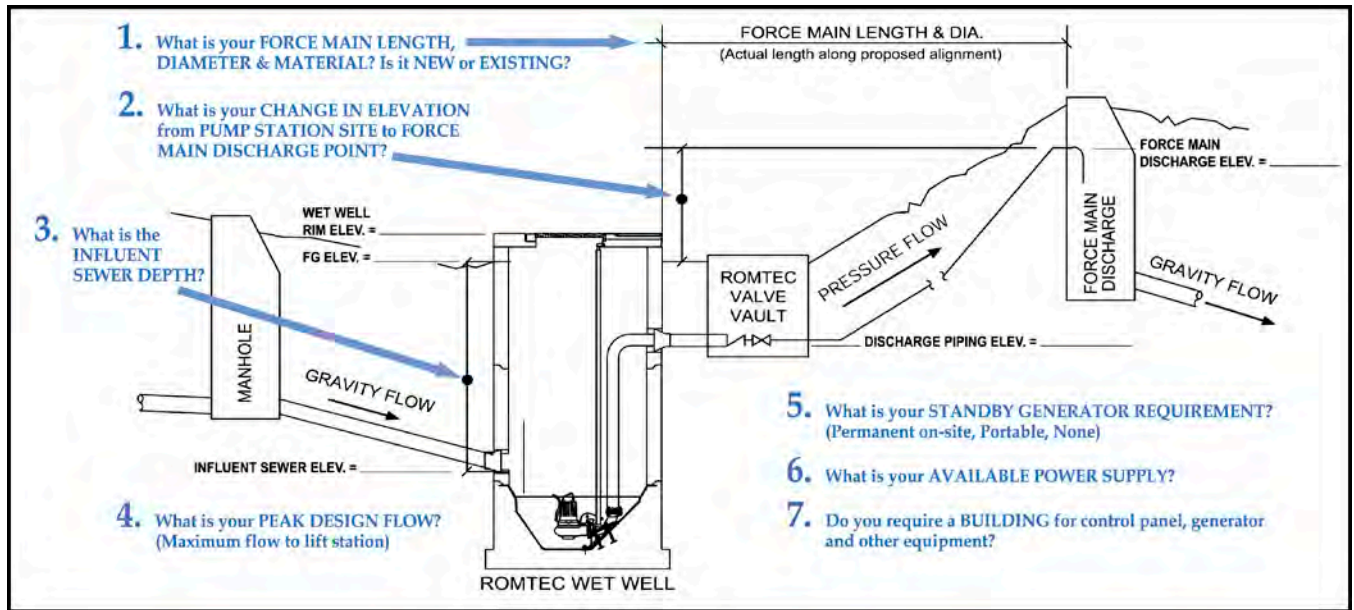
Today's Date: 9/13/2013

Information here in provided by:	<u>URS CORPORATION</u>				
Company/Agency Type:	<input checked="" type="checkbox"/> <u>Engineer</u>	<input type="checkbox"/> <u>Engineer</u>	<input type="checkbox"/> <u>Developer</u>	<input type="checkbox"/> <u>Gov't. Agency</u>	<input type="checkbox"/> <u>Other</u>
First Name:	_____				
Last Name:	_____				
Title:	_____				
Email Address:	_____				
Address:	_____				
City:	<u>Kensington</u>				
State/Province:	<u>Ohio</u>	Zip Code:	_____		
Country:	_____				
Telephone:	_____		Phone Ext:	_____	
Mobile/Other Phone:	_____		Fax:	_____	
Project Name:	<u>TRAIN 3 OPEN DRAIN SUMP</u>				
Your Client for this project is:	<input checked="" type="checkbox"/> <u>Private Co.</u>	<input type="checkbox"/> <u>Public Agency</u>	<input type="checkbox"/> <u>Private Co.</u>		
Project Type:	<input checked="" type="checkbox"/> <u>Other</u>	<input type="checkbox"/> <u>Wastewater</u>	<input type="checkbox"/> <u>Stormwater</u>	<input type="checkbox"/> <u>Other</u>	
Project City:	<u>KENSINGTON, OHIO</u>		Project Zip:	_____	
Project Engineer:	<u>URS CORPORATION</u>				
Reviewing Entity who reviews/approves this Scope of Supply & Design Submittal:	<u>URS CORPORATION</u>				
Final Project Owner and/or Operator:	<u>M3 Momentum</u>				
Governing Sewer or Water Authority:	_____				
Does Authority have a lift station standard?	<input checked="" type="checkbox"/> <u>N/A</u>	<input type="checkbox"/> <u>Yes</u>	<input type="checkbox"/> <u>No</u>	<input type="checkbox"/> <u>N/A</u>	
Who should Romtec contact about the lift station design standard?	<u>N/A</u>				
What is the Expected Project Bid Date?	<u>N/A</u>	Project Completion Date:	_____		

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PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: ? _____ ft. (equivalent pipe length with bends)
 Force main diameter (inside): ? _____ in. inside dia.
 Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):
 HDPE
 Force Main is: New Existing

2. Elevation change from lift station site to force main discharge point: ? _____ ft.
 Finish grade elevation at wet well: _____ 110 ft.
 Discharge piping elevation: _____ 106.08 ft.
 Force main discharge elevation: ? _____ ft.

3. Influent sewer elevation: _____ 103.17 ft.

4. Design peak inflow (maximum flow to lift station): _____ 150 g.p.m. @ 59 FT TDH

5. Standby generator requirement: None Permanent Portable None Don't Know
 Standby generator fuel: SELECT ONE Diesel Natural Gas Propane

6. Available power supply: 480V 208V 240V 480V
 3-phase Single-phase 3-phase

Additional loads on site (besides the lift station) to be powered by generator: ? _____ KVA

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7. Electrical controls weather protection:

None

Enclosed
Building

Shelter
Structure

None

Weather protection structure is for:

Electrical Controls Only

Electrical Controls & Generator

Controls, Generator, Chemical Feed