4. DESIGN CRITERIA

The information submitted for the Romtec Utilities design within this document is explained and organized in this section. The design criteria was submitted by the person(s) stated in Section 4.01 not Romtec Utilities itself.

This section is structured as follows:

4.01 INTRODUCTION TO DESIGN CRITERIA

4.02 LIFT STATION DESIGN CRITERIA FORM

4.01 INTRODUCTION TO DESIGN CRITERIA

Romtec Utilities has created this Scope of Supply and Design Submittal solely on the basis of the design criteria listed on the attached Lift Station Design Form. The design criteria are identified as:

Project Name: Project Name

Design criteria supplied by: Company Name

Design criteria date: 10/1/15

CAUTION! By approval of and/or use of this Romtec Utilities Scope of Supply and Design Submittal, the customer and/or the customer's representative agrees that Romtec Utilities has correctly based this scope of supply and this design of the pump station on the exact design criteria listed on the attached Lift Station Design Form.

Romtec Utilities has not checked the information listed on the Lift Station Design Form. Romtec Utilities does not have responsibility for checking this information or confirming its accuracy. This information has been accepted as fact by Romtec Utilities.

NOTE: The pump station will perform as designed, only if the design criteria stated in the Lift Station Design Form represent the actual conditions at the project site. If the project site's actual conditions are, in any way, different from the design criteria supplied to Romtec Utilities, then the pump station could perform differently than stated or not perform at all.

IMPORTANT! Romtec Utilities has relied on the design criteria supplied by the customer and/or the customer's representative (listed on the Lift Station Design Form) as the only information forming the basis for design of the pump station described herein.

Additional information about this project, including agencies' standards, bid documents, design drawings and other documents, may have been available to and/or supplied to Romtec Utilities. Romtec Utilities may have studied such information; however the pump station design represented by this Scope of Supply and Design Submittal is based solely on the design criteria listed on the attached Lift Station Design Form.

Romtec Utilities makes no claim as to whether or not the pump station described herein will meet any agency's standard, any bid document or any other document. Romtec Utilities is not responsible for making such a determination.

4.02 LIFT STATION DESIGN CRITERIA FORM

Romtec Utilties has designed this Scope of Supply and Design Submittal based on the following information:

PART 1: PROJECT CONTACT INFORMATION

Today's Date: 10/1/2013

Information here in provided by: Company Name

Company/Agency Type: [Engineer] Engineer | Developer | Gov't. Agency | Other

First Name: Jane

Last Name: Doe

Title:

Email Address: email@companyname.com

Address:

City:

State/Province: Zip Code:

Country: United States

Telephone: 888-555-1122 Phone Ext:

Mobile/Other Phone: 888-555-1122 Fax:

Project Name: Project Name

Your Client for this project is: [Public Agency] Public Agency | Private Co.

Project Type: [Stormwater] Wastewater | Stormwater | Other

Project City: City, State Project Zip:

Project Engineer: Engineer Name

Reviewing Entity who reviews/approves this Scope of Supply & Design Submittal: Engineer Company

Final Project Owner and/or Operator:

Governing Sewer or Water Authority:

Does Authority have a lift station standard? [N/A] Yes | No | N/A

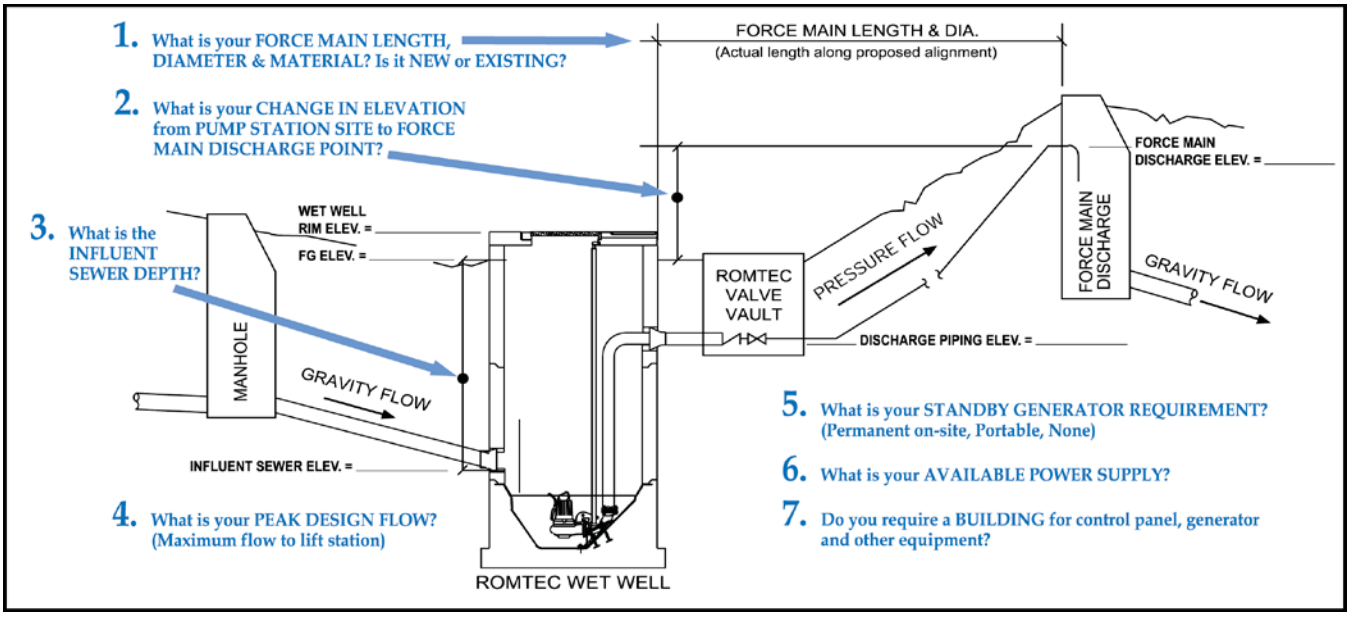
Who should Romtec contact about the lift station design standard?

What is the Expected Project Bid Date? Project Completion Date:

4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 34 ft. (actual length along proposed alignment)

Force main diameter (inside): 24 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): DI Class 52

Force Main is: [New] New Existing

2. Elevation change from lift station site to force main discharge point: -4.5 ft.

Finish grade elevation at wet well: 159 ft.

Discharge piping elevation at valve vault: 154 ft.

Force main discharge elevation: 154.5 ft.

3. Influent sewer elevation: 127.08 ft.

4. Peak Design Inflow (maximum flow to lift station): 800 g.p.m.

5. Standby generator requirement: [Permanent] Permanent Portable None Don't Know

Standby generator fuel: [Diesel] 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

END OF SECTION