

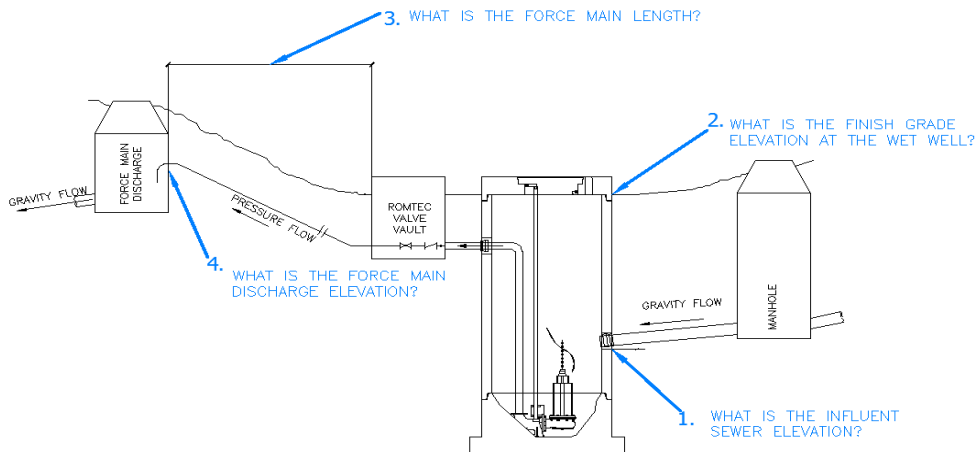
## 1.04 DESIGN CRITERIA FORM

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

Date: 10/30/2017  
 Project Name: PSE&G Trenton Switch Station  
 Information here in provided by: Burns & McDonnell  
 Name:  
 Email Address:  
 Telephone:

### DESIGN CRITERIA

Project Site Address: Hamilton Township, NJ  
 CAD site plan available at this time? ☒ Yes ☐ Yes ☐ No ☐ N/A  
 Final Project Owner and/or Operator: PSE&G  
 Governing Sewer or Water Authority: PSE&G  
 Does Authority have a lift station standard? ☒ No ☐ Yes ☐ No ☐ N/A  
 Does this project require "Buy America" materials? ☒ No ☐ Yes ☐ No ☐ N/A  
 Source of Water: Stormwater  
 Water Type: Stormwater



**Note: The drawing above represents elevations. It does not reflect the design of the lift station.**

Peak design inflow (max flow to lift station): Unknown g.p.m.  
 Pumping Rate: 225 g.p.m.  
 1. Influent sewer elevation: 64.79 ft.  
 2. Finish grade elevation at wet well: 70 ft.  
 3. Force main length: 10 ft.  
 4. Force main discharge elevation: 67.33 ft.  
 Force main diameter: 4 in. inside dia.  
 Force main material (PVC, DI, etc.): DI CL52  
 Force Main is: ☒ New ☐ New ☐ Existing  
 Force Main Discharge (manhole, pressure force main, etc.) Unknown  
 Standby generator: ☒ N/A ☐ Permanent ☐ Portable ☐ N/A  
 Generator fuel: ☐ Diesel ☐ Natural Gas  
 Power Supply: 208V ☒ 480V ☐ 240V ☐ 208V  
 Power Supply: Three-Phase ☒ Three-Phase ☐ Single-phase  
 Is the lift station a classified space? ☒ No ☐ Yes ☐ No