5.02 LIFT STATION DESIGN CRITERIA

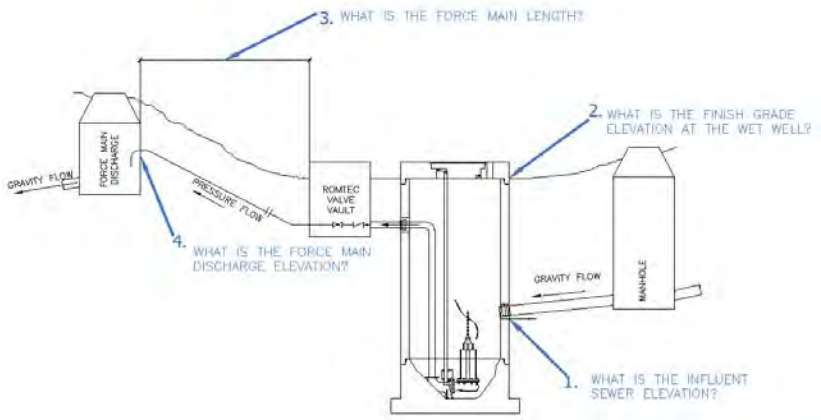
Romtec Utilities has designed this Scope of Supply and Design Submittal based on the following information:

PART 1: PROJECT CONTACT INFORMATION

Date:	1/4/2016			
Project Name:	Bayside			
Information here in provided by:	PACLAND			
Name:				
Email Address:				
Telephone:		Phone Ext:		
Project Site Address:	Bremerton, WA			
ACAD site plan drawing available at this time?	No	Yes	No	N/A
Final Project Owner and/or Operator:	City of Bremerton			
Governing Sewer or Water Authority:	City of Bremerton			
Does Authority have a lift station standard?	Yes	Yes	No	N/A
Does this project require "Buy America" materials?	No	Yes	No	N/A

PART 2: DESIGN DATA

Note: The drawing below is purely to represent elevations. It does not reflect the design of the lift station.



Source of Water:	Development				
Water Type:	Wastewater				
Peak design inflow (max flow to lift station):	132 g.p.m.				
Pumping Rate:	159 g.p.m. **(GREATER THAN PEAK INFLOW)**				
1. Influent sewer elevation:	262.5 ft.				
2. Finish grade elevation at wet well:	274.5 ft.				
3. Force main length:	1244 ft.				
4. Force main discharge elevation:	343.33 ft.				
Force main diameter:	4 in. inside dia.				
Force main material (PVC, DI, etc.):	HDPE DR11				
Force Main is:	New	New	Existing		
Force Main Discharge (manhole, pressure force main, etc.)	?				
Standby generator (BY OTHERS):	Permanent	Permanent	Portable	N/A	
Generator fuel:	Diesel	Diesel	Natural Gas		
Power Supply:	480V	480V	240V	208V	
Power Supply:	Three-Phase	Three-Phase	Single-phase		
Is lift station a classified space?	Yes	Yes	No		