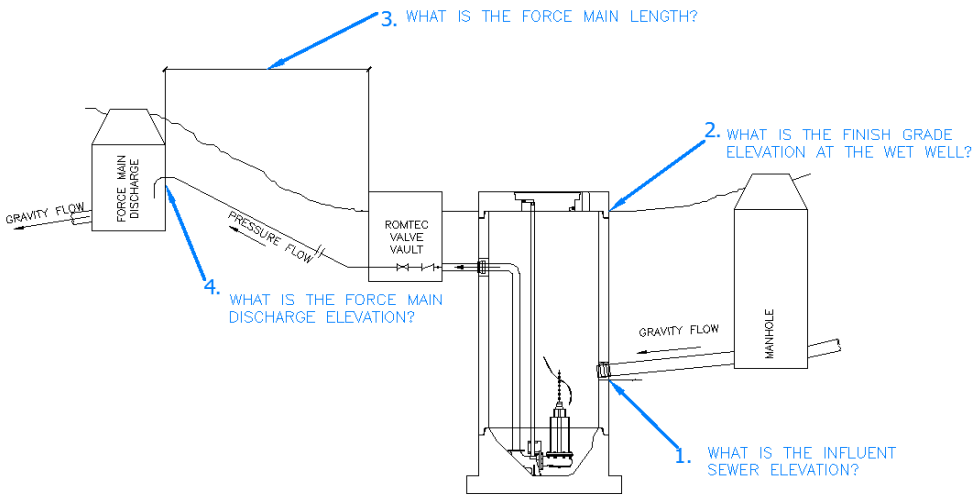
1.04 DESIGN CRITERIA FORM

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

Date:	3/1/2017
Project Name:	Pump Statiion #2 Relocation
Information here in provided by:	City of El Centro
Name:	
Email Address:	
Telephone:	

DESIGN CRITERIA

Project Site Address:	El Centro, California			
CAD site plan available at this time?	No	Yes	No	N/A
Final Project Owner and/or Operator:	City of El Centro			
Governing Sewer or Water Authority:	City of El Centro			
Does Authority have a lift station standard?	No	Yes	No	N/A
Does this project require "Buy America" materials?	Yes	Yes	No	N/A
Source of Water:	Existing City sewer			
Water Type:	Wastewater			



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:	850 g.p.m. @ 30 ft. Total Dynamic Head (TDH)			
1.	Influent sewer elevation:	954.69 ft.			
2.	Finish grade elevation at wet well:	974.63 ft.			
3.	Force main length:	1100 ft.			
4.	Force main discharge elevation:	962.15 ft.			
	Force main diameter:	12 in. inside dia.			
	Force main material (PVC, DI, etc.):	PVC C900 (DR18)			
	Force Main is:	New	New	Existing	
	Force Main Discharge (manhole, pressure force main, etc.)	?			
	Standby generator:	N/A	Permanent	Portable	N/A
	Generator fuel:		Diesel	Natural Gas	
	Power Supply:	240V	480V	240V	208V
	Power Supply:	Three-Phase	Three-Phase	Single-phase	
	Is the lift station a classified space?	Yes	Yes	No	