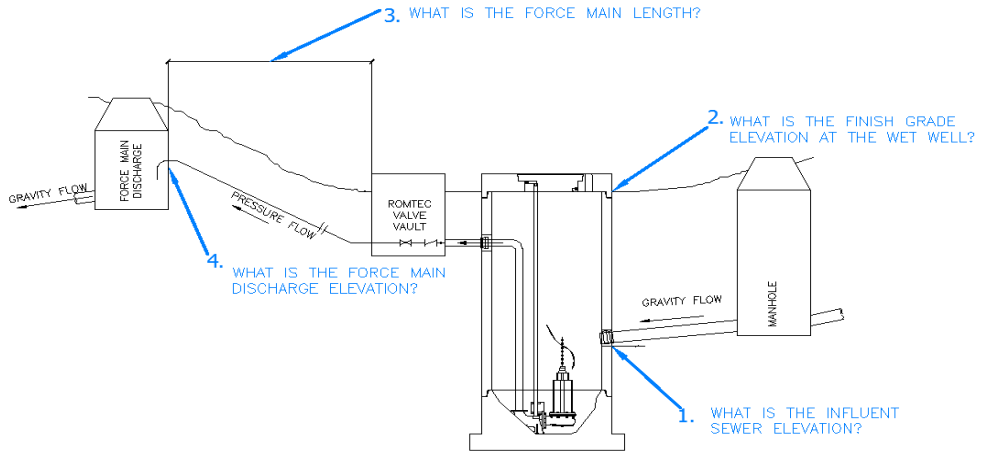
1.04 DESIGN CRITERIA FORM

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

Date:	4/16/2018
Project Name:	Summit Lift Station
Information here in provided by:	Slater Hanifin Group

DESIGN CRITERIA

Project Site Address:	Clark County, NV			
CAD site plan available at this time?	Yes	Yes	No	N/A
Final Project Owner and/or Operator:	Clark County Water Reclamation District			
Governing Sewer or Water Authority:	Clark County Water Reclamation District			
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:	Wastewater			
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):	44 g.p.m.				
Pumping Rate:	70 gpm @ 47ft. TDH **(GREATER THAN PEAK INFLOW)**				
1. Influent sewer elevation:	3044.83 ft.				
2. Finish grade elevation at wet well:	3061.75 ft.				
3. Force main length:	920 ft.				
4. Force main discharge elevation:	3072.2 ft.				
Force main diameter:	3 in. inside dia.				
Force main material (PVC, DI, etc.):	SCH 80 PVC				
Force Main is:	New	New	Existing		
Force Main Discharge (manhole, pressure force main, etc.)	Manhole				
Standby generator:	Permanent	Permanent	Portable	N/A	
Generator fuel:	Natural Gas	Diesel	Natural Gas		
Power Supply:	480V	480V	240V	208V	
Power Supply:	Three-Phase	Three-Phase	Single-phase		
Is the lift station a classified space?	Yes	Yes	No		