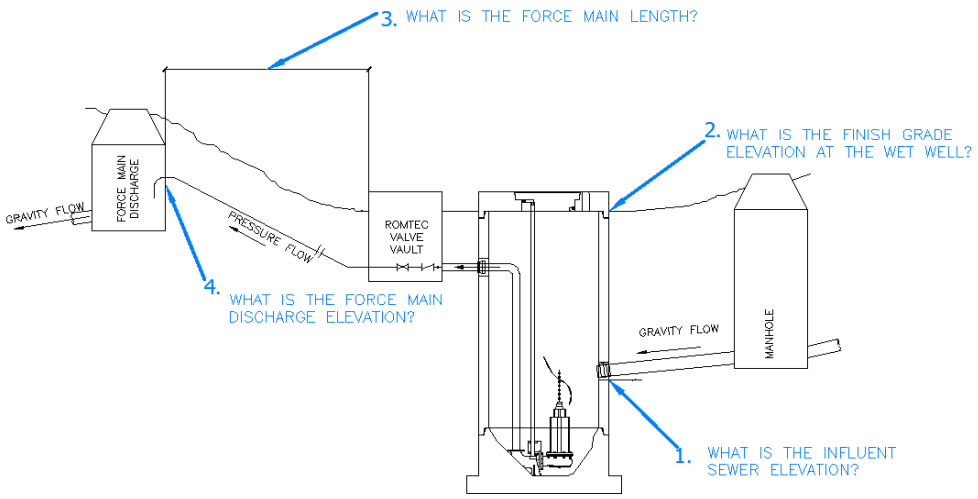
1.04 DESIGN CRITERIA FORM

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

Date:	5/10/2017
Project Name:	Dow SCF MI Groundwater Containment System
Information here in provided by:	CH2M
Name:	
Email Address:	
Telephone:	

DESIGN CRITERIA

Project Site Address:	South Charleston, WV			
CAD site plan available at this time?	Yes	Yes	No	N/A
Final Project Owner and/or Operator:	Dow Chemical			
Governing Sewer or Water Authority:	Dow Chemical			
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):	60	g.p.m.		
	Pumping Rate:	60	g.p.m. @ 25 ft. Total Dynamic Head (TDH)		
1.	Influent sewer elevation:	596.56	ft.		
2.	Finish grade elevation at wet well:	602	ft.		
3.	Force main length:	150	ft.		
4.	Force main discharge elevation:	612	ft.		
	Force main diameter:	3	in. inside dia.		
	Force main material (PVC, DI, etc.):	SCH40 Carbon Steel			
	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:	480V	480V	240V	208V
	Power Supply:	Three-Phase	Three-Phase	Single-phase	
	Is the lift station a classified space?	Yes	Yes	No	