1.04 **DESIGN CRITERIA FORM**



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

Date:	4/18/2018
Project Name:	City of Norco - Corona & Sedona Lift Station
Information here in provided by:	RKA Group
Name:	
Email Address:	

DESIGN CRITERIA

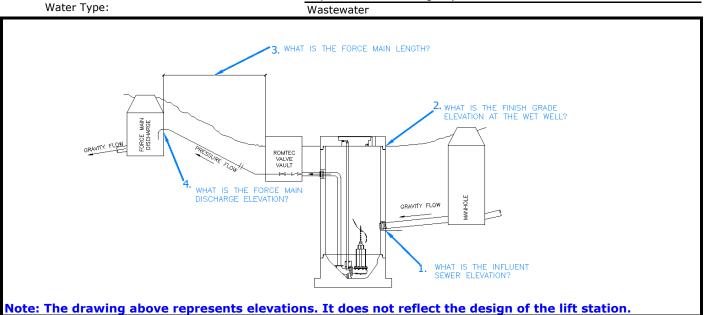
Source of Water:

Telephone:

Project Site Address: CAD site plan available at this time? Final Project Owner and/or Operator: Governing Sewer or Water Authority: Does Authority have a lift station standard? Does this project require "Buy America" materials?

Norco, CA Yes Yes <u>No</u> N/A City of Norco City of Norco N/A No Yes No No N/A <u>Yes</u> No Replacement of Existing City Lift Station

Wastewater



The drawing above represents elevation	ıs. It does not	reflect the de	esign of the li	ift station.	
Peak design inflow (max flow to lift station):	200	g.p.m.			
Pumping Rate:	200	g.p.m.			
Influent sewer elevation:	616.14	ft.			
Finish grade elevation at wet well:	629.73	ft.			
Force main length:	960	ft.			
Force main discharge elevation:	628.9	ft.			
Force main diameter:	4	in. inside dia.			
Force main material (PVC, DI, etc.):): Ductile Iron CL51				
Force Main is:	Existing	<u>New</u>	<u>Existing</u>		
Force Main Discharge (manhole, pressure force main, etc.) Unknown					
Standby generator:	N/A	<u>Permanent</u>	<u>Portable</u>	<u>N/A</u>	
Generator fuel:		<u>Diesel</u>	Natural Gas		
Power Supply:	240V	<u>480V</u>	<u>240V</u>	<u>208V</u>	
Power Supply:	Three-Phase	Three-Phase	Single-phase		
Is the lift station a classified space?	<u>Yes</u>	<u>Yes</u>	<u>No</u>		
	Peak design inflow (max flow to lift station): Pumping Rate: Influent sewer elevation: Finish grade elevation at wet well: Force main length: Force main discharge elevation: Force main diameter: Force main material (PVC, DI, etc.): Force Main is: Force Main Discharge (manhole, pressure force m Standby generator: Generator fuel: Power Supply: Power Supply:	Peak design inflow (max flow to lift station): Pumping Rate: 200 Influent sewer elevation: 616.14 Finish grade elevation at wet well: 629.73 Force main length: 960 Force main discharge elevation: 628.9 Force main diameter: 4 Force main material (PVC, DI, etc.): Ductile Iron CL5 Force Main is: Existing Force Main Discharge (manhole, pressure force main, etc.) Standby generator: Generator fuel: Power Supply: Power Supply: 7 Three-Phase	Peak design inflow (max flow to lift station): Pumping Rate: 100 g.p.m. 11 fluent sewer elevation: 11 fluent sewer elevation: 12 fluent sewer elevation: 13 fluent sewer elevation at wet well: 14 fluent sewer elevation at wet well: 15 force main length: 15 force main discharge elevation: 16 fle.14 fluent sewer s	Pumping Rate: 200 g.p.m. Influent sewer elevation: 616.14 ft. Finish grade elevation at wet well: 629.73 ft. Force main length: 960 ft. Force main discharge elevation: 628.9 ft. Force main material (PVC, DI, etc.): Ductile Iron CL51 Force Main is: Existing New Existing Force Main Discharge (manhole, pressure force main, etc.) Unknown Standby generator: N/A Permanent Portable Generator fuel: Diesel Natural Gas Power Supply: 240V 480V 240V Power Supply: Three-Phase Three-Phase Single-phase	

1.04 DESIGN CRITERIA FORM



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

Date:	4/18/2018
Project Name:	City of Norco - Valley View Lift Station
Information here in provided by:	RKA Group
Name:	
Email Address:	

DESIGN CRITERIA

Telephone:

Project Site Address:

CAD site plan available at this time?

Final Project Owner and/or Operator:

Governing Sewer or Water Authority:

Does Authority have a lift station standard?

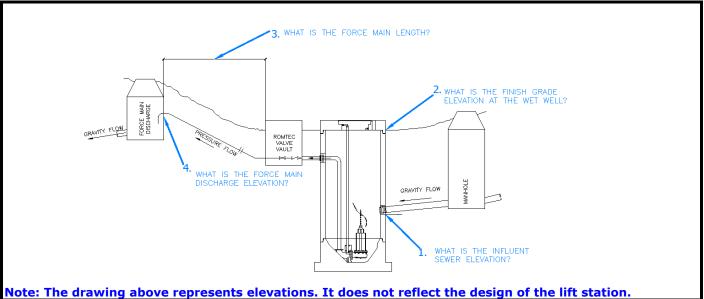
Does this project require "Buy America"

Source of Water: Water Type:

materials?

Norco, CA Yes Yes <u>No</u> N/A City of Norco City of Norco N/A No Yes No No N/A <u>Yes</u> No Replacement of Existing City Lift Station

Wastewater



ote:	The drawing above represents elevation	ıs. It does not	reflect the de	esign of the l	ift station.	
	Peak design inflow (max flow to lift station):	150	g.p.m.			
	Pumping Rate:	150	g.p.m.			
1.	Influent sewer elevation:	604.8	ft.			
2.	Finish grade elevation at wet well:	615.85	ft.			
3.	Force main length:	1510	ft.			
4.	Force main discharge elevation:	636.7	ft.			
	Force main diameter:	4	in. inside dia.			
	Force main material (PVC, DI, etc.):	Ductile Iron Pipe				
		po				
	Force Main is:	Existing	<u>New</u>	Existing		
	Force Main is: Force Main Discharge (manhole, pressure force m	Existing		Existing		
		Existing	New	Existing Portable	N/A	
	Force Main Discharge (manhole, pressure force m	Existing nain, etc.)	<u>New</u> Unknown		N/A	
	Force Main Discharge (manhole, pressure force m Standby generator:	Existing nain, etc.)	<u>New</u> Unknown <u>Permanent</u>	<u>Portable</u>	<u>N/A</u> 208V	
	Force Main Discharge (manhole, pressure force m Standby generator: Generator fuel:	Existing nain, etc.) N/A	New Unknown Permanent Diesel	Portable Natural Gas		