1.04 DESIGN CRITERIA FORM



N/A

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

Date:	3/6/2017 Project	
Name:	The Line East Information	
here in provided by:	Fuscoe Engineering Name:	
Email Address:		
Telephone:		

DESIGN CRITERIA

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?

Source of Water: Water Type:
 Santa Ana, California

 No
 Yes
 No
 N/A

 The Line
 ?
 No
 N/A

 No
 Yes
 No
 N/A

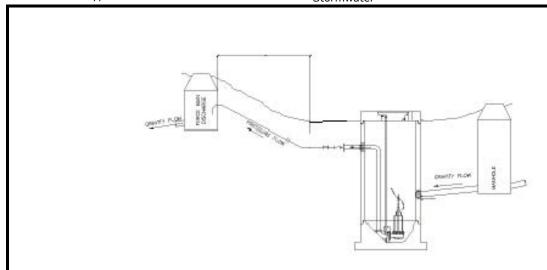
<u>No</u>

<u>Yes</u>

?

Stormwater

No



Note: The drawing above represents elevations. It does not reflect the design of the lift station.

Peak Design Inflow: 720 g.p.m. @ 21 ft. TDH

Pumping Rate: 720 g.p.m.

1. Influent sewer elevation: 77.11 ft.

2. Finish grade elevation at wet well: 88.11 ft.

4. Force main discharge elevation: 87.49 ft.

Force main diameter: Unknown in. inside dia.

Force main material (PVC, DI, etc.): Unknown

Force Main Discharge (manhole, pressure force main, etc.)

Unknow

Torce Main Discharge (mainloie, pressure force main, etc.)

Standby generator:
Generator fuel:
Power Supply:
Power Supply:

Force Main is:

Is the lift station a classified space?

ain, etc.)	Unknown			
N/A	<u>Permanent</u>	<u>Portable</u>	N/A	_
	<u>Diesel</u>	Natural Gas		
480V	<u>480V</u>	<u>240V</u>	<u>208V</u>	
Three-Phase	<u>Three-Phase</u>	Single-phase		
No	<u>Yes</u>	<u>No</u>		
	480V Three-Phase	N/A Permanent Diesel 480V 480V Three-Phase	N/A Permanent Portable Diesel Natural Gas 480V 480V 240V Three-Phase Three-Phase Single-phase	N/A Permanent Portable N/A Diesel Natural Gas 480V 480V 240V 208V Three-Phase Single-phase

Existing

New

1.04 DESIGN CRITERIA FORM



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

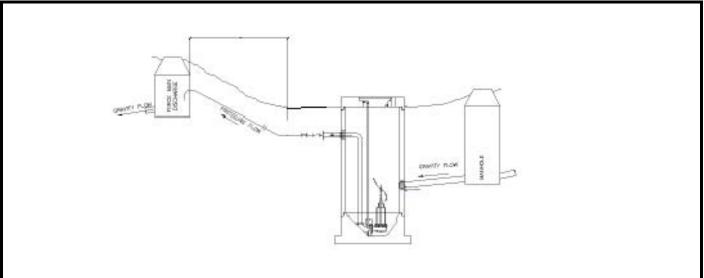
Date:	3/6/2017 The Line West		
Project Name:			
Information here in provided by:	Fuscoe Engineering		
Name:			
Email Address:			

DESIGN CRITERIA

Telephone:

Project Site Address: Santa Ana, California CAD site plan available at this time? Yes No N/A Final Project Owner and/or Operator: The Line Governing Sewer or Water Authority: Does Authority have a lift station standard? No N/A <u>Yes</u> <u>No</u> Does this project require "Buy America" No No N/A materials? <u>Yes</u> Source of Water:

Source of Water: ?
Water Type: Stormwater



Note: The drawing above represents elevations. It does not reflect the design of the lift station.

Peak Design Inflow:

Pumping Rate:

1. Influent sewer elevation:

2. Finish grade elevation at wet well:

3. Force main length:

600 g.p.m. @ 21 ft. TDH 600 g.p.m.

76.85 ft.

87.85 ft.

4. Force main discharge elevation:

Force main diameter:

Unknown

in. inside dia.

Force main material (PVC, DI, etc.): Unknown

Force Main is:		<u>New</u>	<u>Existing</u>	
Force Main Discharge (manhole, pressure force m	Unknown			
Standby generator:	N/A	<u>Permanent</u>	<u>Portable</u>	<u>N/A</u>
Generator fuel:		<u>Diesel</u>	Natural Gas	
Power Supply:	480V	<u>480V</u>	<u>240V</u>	<u>208V</u>
Power Supply:	Three-Phase	<u>Three-Phase</u>	Single-phase	
Is the lift station a classified space?	No	<u>Yes</u>	<u>No</u>	