

# 1.04 DESIGN CRITERIA FORM

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

Project Name: Columbia Palisades  
 Information here in provided by: Otak Engineering

## DESIGN CRITERIA

Project Site Address: Vancouver, WA.  
 CAD site plan available at this time? 

<u>Yes</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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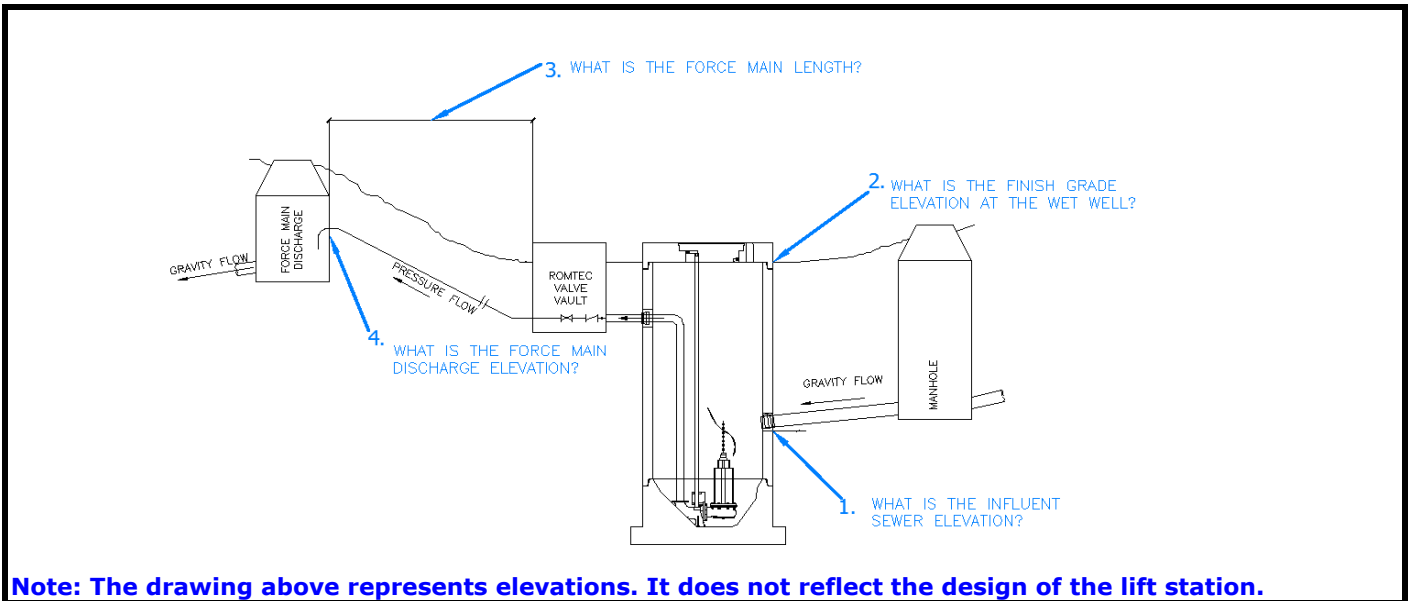
  
 Final Project Owner and/or Operator: City of Vancouver  
 Governing Sewer or Water Authority: City of Vancouver  
 Does Authority have a lift station standard? 

<u>Yes</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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 Does this project require "Buy America" materials? 

<u>No</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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 Source of Water: Housing Development  
 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): 257 g.p.m.  
 Pumping Rate: 272 g.p.m. (Greater than Peak Inflow)

**1.** Influent sewer elevation: 160.68 ft.  
**2.** Finish grade elevation at wet well: 179.32 ft.  
**3.** Force main length: 6050 ft.  
**4.** Force main discharge elevation: 244.39 ft. (High Point = 275.18 ft.)

Force main diameter: 6 in. inside dia.  
 Force main material (PVC, DI, etc.): HDPE IPS DR17

Force Main is: 

<u>Existing</u>	<u>New</u>	<u>Existing</u>
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Force Main Discharge (manhole, pressure force main, etc.) Manhole

Standby generator: 

<u>Permanent</u>	<u>Permanent</u>	<u>Portable</u>	<u>N/A</u>
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 Generator fuel: 

<u>Diesel</u>	<u>Diesel</u>	<u>Natural Gas</u>
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 Power Supply: 

<u>480V</u>	<u>480V</u>	<u>240V</u>	<u>208V</u>
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 Power Supply: 

<u>Three-Phase</u>	<u>Three-Phase</u>	<u>Single-phase</u>
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 Is the lift station a classified space? 

<u>Yes</u>	<u>Yes</u>	<u>No</u>
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