1.02 DESIGN CRITERIA

Romtec Utilities has created this SSDS based solely on the design criteria listed below that the customer and/or customer's representative has provided. It is the responsibility of the customer as well as any other reviewing entities, to verify that the stated design criteria is accurate. Romtec Utilities has not verified the design criteria and does not have responsibility for confirming its accuracy.

Project Name:	City of Hesperia Booster Station
Design information provided by:	Merrell-Johnson Engineering
Source of Water:	Above Grade Reservoir
Water Type:	Irrigation Water
Final Owner/Operator:	City of Hesperia
CAD site plan available at this time?	Yes
Does this project require "Buy America" materials?	No
Inlet Size (In.)	8
Force Main is (new/existing):	New
Force main length (ft.):	53,000
Force main inside diameter (in.):	10
Force main pipe material:	PVC
Peak design inflow into station (g.p.m):	700
System Total Dynamic Head (ft.):	150 (feed head of 20')
Pumping Rate (g.p.m):	700
Power Supply Voltage:	480V
Power Supply Phase:	Three-Phase
Is the lift station a classified space thus requiring the pumps to be explosion proof?	No