

DESIGN CRITERIA

- 1. Pumps/Configuration – Keen KHG(X)3, 3 HP, Duplex Configuration**
- 2. Pumping Rate – 51 GPM**
- 3. TDH – 57.16'**
- 4. Site Power – 208V/Three-Phase**
- 5. Force Main – Single Force Main, 3" HDPE DR9, 3,390'**
- 6. Influent Piping – 6" PVC IPS (By Others)**
- 7. Wet Well Size – 6' Round**
- 8. Rim Elevation – 156.3'**
- 9. Finish Grade Elevation – 156.3'**
- 10. Discharge Centerline Elevation – 152.3'**
- 11. Force Main High Point/Discharge Elevation - 164.6'**
- 12. Influent Invert Elevation – 149.7'**
- 13. High Level – 148.7'**
- 14. Lag Start – 148.2'**
- 15. Lead Start – 147.7'**
- 16. Pump Stop – 146.7'**
- 17. Wet Well Sump (Floor) Elevation – 144.7'**
- 18. Wet Well Base Elevation – 143.7'**