

1. ALL INTERNAL WETWELL PIPING AND VALVE VAULT PIPING SHALL BE CLASS 52 DIP. ALL FLANGES SHALL BE 125# STANDARD. PUMP SLIDE RAILS SHALL BE EXTRA STRENGTH GALVANIZED STEEL WITH EXPOSED THREADS COLD GALVANIZED.
2. CONTRACTOR SHALL INSTALL PUMP DISCHARGE PIPING AND SLIDE RAILS LEVEL AND PLUMB FOR EASE OF PUMP REMOVAL. EACH PUMP SHALL BE REMOVED AND INSTALLED IN THE PRESENCE OF YORK COUNTY TO DEMONSTRATE PERFORMANCE.
3. PUMP DRAW-DOWN TEST SHALL BE CONDUCTED FOR EACH PUMP IN THE PRESENCE OF YORK COUNTY, INCLUDING STAND-BY GENERATOR, AND PUMP MANUFACTURER REPRESENTATIVE. OPERATION OF ALL ELECTRICAL CONTROLS, RECORD, AND PUMP MANUFACTURER REPRESENTATIVE.
4. CONTROL PANEL TO BE EQUIPPED WITH AUDIBLE/VISUAL ALARM WITH SILENCE BUTTON.
5. CONTROL PANEL MUST BE MOUNTED REMOTE FROM WET WELL ON A PEDESTAL PER DETAIL 13.01
6. LEVEL INDICATORS, POWER, AND CONTROL CABLES TO RUN PANEL THROUGH CONDUIT. CONDUIT MUST BE SEALED TO PREVENT SEWER GASES FROM ENTERING INTO CONTROL PANEL AND CAUSING CORROSION.
7. A PERMANENTLY MOUNTED GENERATOR WILL BE REQUIRED.
8. 3 PHASE PROTECTION WILL BE REQUIRED FOR 3 PHASE SERVICE.
9. CONTROL CIRCUIT TO BE 120 VOLTS.
10. MOTOR STARTERS AND ALTERNATOR TO BE FURNAS BRAND AND PROPERLY SIZED OR APPROVED EQUAL. STARTERS MUST HAVE AMBIENT TEMPERATURE OVERLOADS OR APPROVED EQUAL.
11. ALL WATER AND SEWER FACILITIES INSTALLED SHALL CONFORM TO YORK COUNTY SPECIFICATIONS.
12. PANEL TO BE U.L. APPROVED.
13. PROVIDE LIGHTNING ARRESTOR.
14. WET WELL AND VAULT TOPS AND ACCESS HATCHES SHALL BE HS-20 LOAD RATED PER DETAIL 13.02
15. SCADA TO BE PROVIDED PER YORK COUNTY REQUIREMENTS.

REVISIONS

NO.	DATE	DESCRIPTION
1	8/08	CHANGED NOTE 14

YORK COUNTY ENGINEERING  
STANDARDS

SANITARY SEWER PUMP STATION  
GENERAL NOTES

STD. NO.	10.05
DATE	06/08