## NOTES:

 COAT INTERIOR OF MANHOLE WITH APPROVED EPOXY COATING AT MINIMUM 80 MILS. COATINGS SHALL CONFORM TO TOWN OF APEX SPECIFICATION SECTION 800.

2. ELEVATION OF FORCE MAIN CROWN SHALL BE AT SAME ELEVATION AS THE GRAVITY SEWER CROWN.

3. PROVIDE SMOOTH CHANNEL FROM FORCE MAIN TO GRAVITY SEWER

4. FORCE MAINS SHALL BE CONSTRUCTED OF DUCTILE IRON OR PVC PIPE.

5. C900 PVC PIPE MAY BE USED WHEN APPROVED BY THE WATER RESOURCES DEPARTMENT AND CONFORMS TO AWWA C900/C905.

 ALL DUCTILE IRON PIPE SHALL BE DESIGNED AS PER AWWA STANDARD C150 AND SHALL BE LINED WITH PROTECTO 401.

7. ALL FORCE MAINS SHALL BE SUBJECTED TO A HYDROSTATIC TEST ACCORDING TO THE PROVISIONS OF SECTION 600.

8. A CHECK VALVE AND PLUG VALVE SHALL BE PROVIDED FOR THE DISCHARGE LINE OF EACH PUMP.

CROWN OF FORCE MAIN (SEE NOTE 2)

**FORCE MAIN** 

CHANNEL INVERT TO EXISTING GRAVITY SEWER — (DISCHARGE PIPE)

INVERT OF GRAVITY

**MINIMUM 5'-0"** 

DIAMETER

STANDARD WATERTIGHT MANHOLE RING & COVER

12" BEDDING (#57 STONE)

SEWER (SEE NOTE 2)

STANDARD PRECAST CONCRETE MANHOLE

MINIMUM EPOXY

(SEE NOTE 1)

COATING 80 - 125 MILS

(TYPICAL ON ALL PIPES)

FLEXIBLE GASKET CONNECTOR

TOWN OF APEX STANDARDS

FORCE MAIN DISCHARGE MANHOLE

STD. NO.

800.01

EFFECTIVE: MARCH 23, 2021 SHEET 1 OF 1