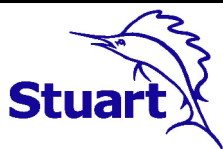


NOTES:

1. ALL EXPOSED PIPES SHALL BE DUCTILE IRON WITH FLANGED FITTINGS. RETAINER GLANDS. UNIFLANGE TYPE FITTINGS ARE NOT TO BE SUBSTITUTED FOR FLANGED FITTINGS.
2. SPAN HEIGHT AS REQUIRED BY PERMITTING AGENCY.
3. MAXIMUM SUPPORT SPACING SHALL BE IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATION.
4. FAN GUARDS ARE REQUIRED, SEE STANDARD DETAIL SHEET #21.
5. ALL EXPOSED PIPING, GUARDS AND FITTINGS SHALL BE PAINTED.
6. PIPE SHALL BE CRADLED ON NEOPRENE.
7. TIE-DOWN STRAPS MUST PROPERLY FIT AND SECURE PIPE IN CRADLE.
8. FOR CONCRETE PILES SEE DETAIL SHEET #'s 67-70.
9. ALL PAINT SPECIFICATIONS MUST BE SUBMITTED AND APPROVED BY CITY OF STUART UTILITIES & ENGINEERING DEPT. PRIOR TO APPLICATION.
10. CONCRETE IN C.I.P. CAP SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3,400 PSI.
11. ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.
12. THE PILES SHALL BE DRIVEN TO A MINIMUM PENETRATION OF 20'-0" UNLESS THE PRESENCE OF POOR SOILS (N<3) NECESSITATE A DEEPER PENETRATION.
13. PROVIDE TWO (2) FULL LENGTHS OF RESTRAINED D.I.P. BOTH SIDES OF CROSSING.
14. CONTINUE LOCATOR WIRE ACROSS CANAL CROSSING.
15. AIR RELEASE VALVES- MANUAL (FORCEMAIN), AUTOMATIC (WATERMAIN).



STANDARD UTILITY DETAILS
City of Stuart
Utilities & Engineering Department

121 S.W. Flagler Avenue, Stuart, Florida 34994

UTILITIES CANAL CROSSING

DATE: OCTOBER 2021

FILE NAME: 2021 COS Std Details.dwg

SHEET NUMBER

66