



### NOTES

1. ALL EXPOSED PIPES SHALL BE DUCTILE IRON WITH FLANGED FITTINGS. RETAINER GLANDS AND UNIFLANGE TYPE FITTINGS ARE NOT TO BE SUBSTITUTED FOR FLANGED FITTINGS.
2. SPAN LENGTHS AS REQUIRED BY PERMITTING AGENCY.
3. MINIMUM ONE SUPPORT PER JOINT. MAXIMUM SUPPORT SPACING 18'-0".
4. FAN GUARDS ARE REQUIRED, SEE STANDARD DETAIL.
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 SHEET G-17.
9. ALL PAINT SPECIFICATIONS MUST BE SUBMITTED AND APPROVED PRIOR TO APPLICATION.
10. CONCRETE IN C.I.P. CAP SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4,000 p.s.i.
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. HANDLES TO BE REMOVED FROM FORCE MAIN AIR RELEASE VALVES.
14. PROVIDE TWO FULL LENGTHS OF RESTRAINED D.I.P. BOTH SIDES OF CROSSING.

LBPH INC. - CADD FILE NAME: L:\CADD-DETAILS\SLC\G-14.DWG



**ST. LUCIE COUNTY  
WATER & WASTEWATER  
CONSTRUCTION STANDARDS**

**TYPICAL UTILITIES  
CANAL CROSSING**

DRAWING NUMBER: **G-14**