



NOTES:

1. ALL EXPOSED PIPE SHALL BE DUCTILE IRON WITH FLANGED FITTINGS. RETAINER GLANDS AND UNIFLANGE TYPE FITTINGS ARE NOT AN ACCEPTABLE SUBSTITUTE FOR FLANGED FITTINGS.
2. SPAN LENGTHS AS REQUIRED BY PERMITTING AGENCY.
3. FAN GUARDS AS REQUIRED. SEE "TYPICAL FAN GUARD" DETAIL W-12.
4. PIPE SHALL BE CRADLED ON NEOPRENE, 1/2" THICK MINIMUM.
5. TIE-DOWN STRAPS SHALL FIT PROPERLY AND SECURE PIPE IN CRADLE.
6. PIPE CRADLE ON PILING CAP SHALL CONTACT 1/2 CIRCUMFERENCE OF PIPE.
7. SHOW ULTIMATE CANAL SECTION AND RELEVANT ELEVATIONS AND DISTANCES ON THE DETAIL.
8. PIPE SHALL BE RESRAINED FOR A MINIMUM DISTANCE AS NOTED ON THE WATERMAIN RESTRAINT TABLE, OR OVER 60 FEET, WHICHEVER IS LONGER.
9. STAINLESS STEEL (316) REQUIRED FOR ALL STRAPS, SADDLES, FLANGE BOLTS, AND OTHER HARDWARE FOR INSTALLATIONS OVER BRACKISH OR MARINE WATERS. STAINLESS STEEL (304) REQUIRED AT ALL OTHER LOCATIONS. ANTI-GALL COMPOUND SHALL BE USED ON ALL STAINLESS STEEL NUT AND BOLT THREADS.
10. PILING SHALL BE SET A MINIMUM OF 10' INTO FIRM SAND. LENGTH OF SPAN WILL DETERMINE THE NUMBER OF PILES REQUIRED.
11. AERIAL CROSSINGS SHALL BE FIELD COATED PER F.D.O.T. SPECIFICATIONS FOR PIPING ATTACHED TO BRIDGE STRUCTURES. COLOR SHALL BE WHITE WITH A BLUE STRIP, SHERWIN WILLIAMS INDUSTRIAL ENAMEL OR APPROVE EQUAL.

H.W.L. = HIGH WATER LEVEL

WATERMAIN CANAL CROSSING

JUPITER UTILITIES
CONSTRUCTION STANDARDS AND DETAILS

DATE APPROVED:
 10/2013
 DRAWING No. W-11