



NOTES:

1. THIS DETAIL APPLIES TO SEWERS RANGING FROM 8" TO 15" IN DIAMETER. FOR SEWERS GREATER THAN 15", SUBMIT A DETAILED DESIGN FOR REVIEW AND APPROVAL.
2. COUPLING SHALL BE LONG BODY TYPE, AND COMPLETELY EXPOSED. COUPLINGS TO BE AS MANUFACTURED BY DRESSER INDUSTRIES - STYLE 62 TRANSITION COUPLING OR APPROVED EQUAL. CENTER RING LENGTH FOR 8" AND SMALLER PIPE TO BE 5". CENTER RING LENGTH FOR 10" TO 15" PIPE TO BE 7". THE CENTER RING, GLANDS, BOLTS AND NUTS SHALL RECEIVE ONE COAT OF SHOP PRIMER.
3. FOOTING DEPTH SHALL BE TO SUITABLE GRADE AS DETERMINED BY THE ENGINEER, BUT SHALL NOT BE LESS THAN AS SHOWN (EXCEPT WHEN PIER IS ANCHORED TO SOLID ROCK).
4. STEEL PIPE MUST BE SEAMLESS OR STRAIGHTSEAM. SPIRAL WELD IS NOT ALLOWED. THE INSIDE DIAMETER OF THE STEEL PIPE TO MATCH THE INSIDE DIAMETER OF DUCTILE IRON PIPE. STEEL PIPE TO BE COATED PER THE SPECIFICATIONS. USE DUCTILE IRON PIPE FOR NARROW CREEK CHANNELS .
5. DUCTILE IRON PIPE TO EXTEND TO NEXT MANHOLE. NO PIPE TRANSITIONS BETWEEN MANHOLES SHALL BE ALLOWED.
6. CREEK CROSSINGS MAY REQUIRE A PERMIT FROM STAT AND FEDERAL REGULATORY AGENCIES. WHERE THE PIPE BOTTOM CAN NOT BE INSTALLED ABOVE THE 25-YEAR FLOOD ELEVATION, SPECIAL APPROVAL MUST BE GIVEN BY THE COUNTY AND/OR REGULATORY AGENCIES.
7. THE CREEK UPSTREAM AND DOWNSTREAM OF THE AERIAL CROSSING MAY NEED TO BE STRAIGHTENED FOR PROPER INSTALLATION OF THE PIERS. APPROVAL MAY BE REQUIRED FROM REGULATORY AGENCIES TO STRAIGHTEN CREEK. STABILIZE ALL DISTURBED BANKS WITH RIP-RAP.
8. STANDARD DUCTILE IRON PIPE CAN BE USED FOR CREEK CROSSINGS IF THE CROSSING IS 18 FEET OR LESS. LONG SPAN DUCTILE IRON PIPE AS RECOMMENDED BY THE MANUFACTURER CAN BE USED FOR CROSSINGS 38 FEET AND LESS.

REVISIONS

NO.	DATE	DESCRIPTION

**YORK COUNTY  
ENGINEERING  
STANDARDS**

CREEK CROSSING  
ON CONCRETE PIERS

STD. NO.
15.20
DATE
02/15