



**NOTE:**

1. DUCTILE IRON PIPES AND FITTINGS SHALL BE LINED WITH 40 MILS OF PROTECTO 401 OR APPROVED EQUAL.
2. ALL PIPE ENTRANCES INTO THE MANHOLE SHALL BE CORE BORED, WITH MANHOLE BOOT CONNECTION IN ACCORDANCE WITH ASTM C923. VOIDS TO BE REPAIRED WITH NON-SHRINK GROUT. GROUTED AREAS SHALL BE PAINTED WITH BITUMINOUS COATING ON EXTERIOR.
3. DOWEL HOLES SHALL BE BORED, VOIDS SHALL BE REPAIRED WITH NON-SHRINK GROUT. GROUTED AREAS SHALL BE PAINTED WITH BITUMINOUS COATING ON EXTERIOR.
4. ONE STAINLESS STEEL STRAP SHALL BE LOCATED 4 INCHES BELOW THE BELL OF THE TEE. ADDITIONAL STRAPS SHALL BE PLACED AT 18 INCHES ON CENTER.



CITY OF NORFOLK – DEPARTMENT OF UTILITIES  
STANDARD DETAILS

SCALE:  
NOT TO SCALE

DROP CONNECTION  
FOR EXISTING BRICK SEWER MANHOLE

DRAWING NO.  
CS 07

DATE: 03/18