



**NOTES:**

1. PROVIDE FOUR POINT CASING PIPE SUPPORT FOR EACH PIPELINE SECTION. CENTER SPACERS SHALL BE CENTERED BETWEEN OUTSIDE SPACERS, OUTSIDE SPACERS SHALL BE 1'-0" FROM JOINT.
2. CARRIER PIPE SHALL BE MECHANICAL RESTRAINED JOINT DUCTILE IRON PIPE CLASS 52. DUCTILE IRON PIPE BEING USED FOR GRAVITY SEWER OR FORCE MAIN SHALL BE COATED WITH PROTECTO 401 OR AN APPROVED EQUAL.
3. FOR CASING SIZES AND ALLOWABLE MATERIALS, SEE FIGURE CS 40B
4. PROVIDE STAINLESS STEEL SPACERS WITH UHMW RUNNERS. ELECTRICALLY ISOLATE CARRIER PIPE FROM CASING PIPE.

CITY OF NORFOLK – DEPARTMENT OF UTILITIES  
STANDARD DETAILS

SCALE:  
NOT TO SCALE

WATER LINE CASING

DRAWING NO.  
CWS 07A

DATE: 10/07