



OPTION 1
SEE "AIR VENT ASSEMBLY" WS_03
(NOTE CONNECTION BETWEEN CASING AND CARRIER PIPE)

2" BRASS PIPE

1" PRE-MOLDED FIBER CAULKING BETWEEN PIPE AND BRICK

1/2" DRAINAGE DITCH

STEEL CASING (FOR LENGTH SEE CONTRACT DOCUMENTS)

OPTION 2
2" STAINLESS STEEL PIPE

FINISH GRADE

1/2" DRAINAGE DITCH

BIRD SCREEN

BRICK AND MORTAR CAP 4" MIN. THICKNESS

DUCTILE IRON CARRIER PIPE

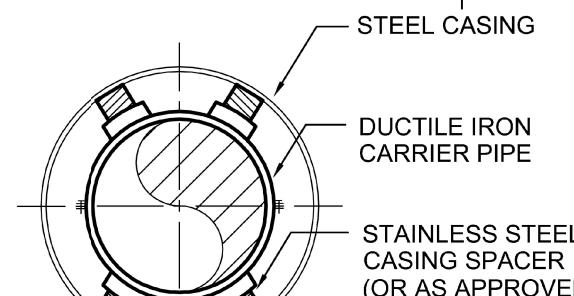
RESTRAINED MECHANICAL JOINT (TYP)

SECTION

NEOPRENE END SEAL OR 8" BRICK TO SEAL ANNULAR SPACE AT CASING ENDS. IF BRICK, COAT SURFACE WITH BITUMASTIC

STAINLESS STEEL CASING SPACER (OR AS APPROVED BY LOCALITY)

TOP OF PAVEMENT



SECTION A-A

SEE WS_04, SHEET 2 OF 2 FOR NOTES.

STEEL CASING DETAIL

NOT TO SCALE

REFERENCE
200,801-804

CATEGORY
WATER & SANITARY

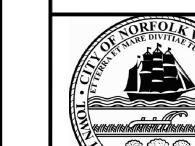
DATE
6/16

SHEET No.
1 OF 2

DETAIL No.
WS_04

CITY OF NORFOLK MODIFICATION

1. DELETE AIR VENT ASSEMBLY CALLOUT TEXT "OPTION 1 SEE "AIR VENT ASSEMBLY" WS_03 (NOTE CONNECTION BETWEEN CASING AND CARRIER PIPE)". REPLACE WITH SEE NORFOLK STANDARD LEAK DETECTOR DETAIL.



DATE: 03/18

CITY OF NORFOLK – DEPARTMENT OF UTILITIES
STANDARD DETAILS

STEEL CASING DETAIL

SCALE:
NOT TO SCALE

DRAWING NO.
WS-04-1-NM