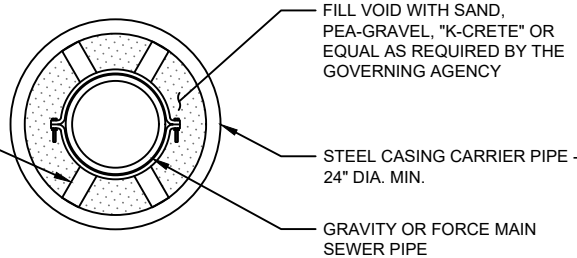


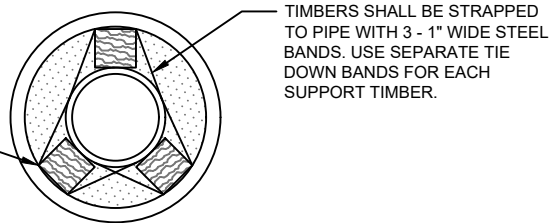
STEEL CASING CARRIER PIPE TO BE INSTALLED AT THE REQUIRED MINIMUM SLOPE SHOWN ON THE PLANS.

STAINLESS STEEL CASING SPACER WITH ADJUSTABLE POLYMER RUNNERS AS MANUFACTURED BY CASCADE MANUFACTURING OR APPROVED EQUAL



SECTION A-A

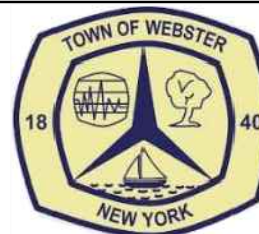
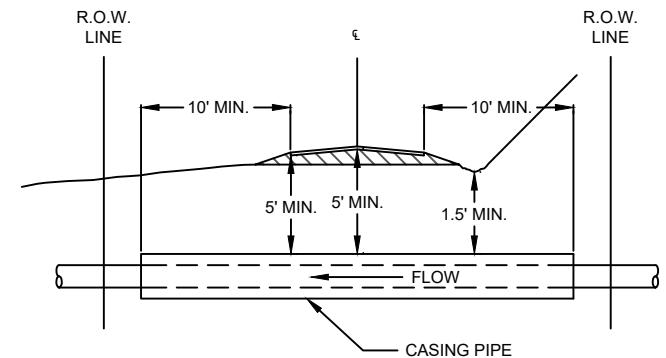
18" LONG, 4" x 4" PRESSURE TREATED OR HARDWOOD TIMBERS (3 REQUIRED PER LENGTH OF PIPE)



ALTERNATE

NOTES:

1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY HIGHWAY PERMITS TO COMPLETE THE WORK FROM NYSDOT, MCDOT, AND THE TOWN OF WEBSTER. ALL WORK SHALL MEET THE APPROVAL OF THE NYSDOT RESIDENT ENGINEER, MCDOT ENGINEERS, AND TOWN ENGINEER.
2. ALL APPROVED HIGHWAY WORK PERMITS SHALL BE OBTAINED FROM THE PROPER AGENCIES PRIOR TO COMMENCING OF WORK. HIGHWAY WORK PERMITS MUST BE ON-SITE AT ALL TIMES.
3. BOTH CASING PIPE ENDS SHALL BE BULLHEAD WITH BRICK MASONRY.
4. STEEL CASING CARRIER PIPE SHALL BE CONTINUOUSLY WELDED STEEL PIPE PER ASTM A-139 GRADE B WITH A MINIMUM YIELD STRENGTH OF 36,000 PSI, A MINIMUM TENSILE STRENGTH OF 60,000 PSI, & A MINIMUM WALL THICKNESS OF 0.375" (3/8").
5. STEEL CASING SHALL BE COATED ON INTERIOR & EXTERIOR WITH 2 COATS OF COAL TAR.
6. STEEL CASING VOID SHALL BE TOTALLY FILLED BY ACCEPTABLE MECHANICAL EQUIPMENT.
7. IF DETERMINED ACCEPTABLE BY THE TOWN ENGINEER, CONTRACTOR MAY SUBSTITUTE BANDED TIMBERS (ALTERNATE A) IN LIEU OF STAINLESS STEEL CASING SPACERS.



SANITARY PIPE BORING OR JACKING

SCALE: N.T.S.

FEBRUARY 2023

SA-015