

SANITARY SEWER, STORM SEWER
OR WATER MAIN (CARRIER PIPE)

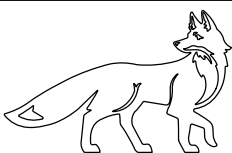
MIN $\frac{3}{8}$ " THICK BITUMINOUS COATED
STEEL CASING PIPE, AUGERED & JACKED

INSTALL ALL STAINLESS STEEL CASING SPACERS
(BY CASCADE WATERWORKS OR APPROVED EQUAL)
PER AWWA STANDARDS

INSTALL END BOOT ON
BOTH ENDS (BY CASCADE
WATERWORKS OR APPROVED
EQUAL)

NOTES:

1. CASING PIPE IS REQUIRED UNDER ALL EXISTING ROADWAYS, OR AS OTHERWISE DIRECTED BY THE CITY WHERE OPEN CUTS ARE NOT PERMITTED.
2. CASING PIPE IS NOT REQUIRED FOR WATER SERVICE LINES UP TO 2" IN DIAMETER.
3. THE INSIDE DIAMETER OF THE CASING PIPE SHALL BE DETERMINED BY THE CONTRACTOR BUT IN NO CASE SHALL IT BE LESS THAN 8" LARGER THAN THE DIAMETER OF THE CARRIER PIPE TO ALLOW AMPLE SPACE FOR BELLS, AND CARRIER PIPE SLOPE (FOR GRAVITY PIPE).
4. WATER MAIN CASING SPACERS SHALL BE RESTRAINED IN POSITION.
5. ALL AUGER PITS TO BE BACKFILLED MEETING CITY REQUIREMENTS.



CITY OF ST. CHARLES
ILLINOIS • SINCE 1834
Pride of the Fox

CASING PIPE

DATE: 9-10-2021

NOT TO SCALE

REVISED:

DRAWING NO. D-05