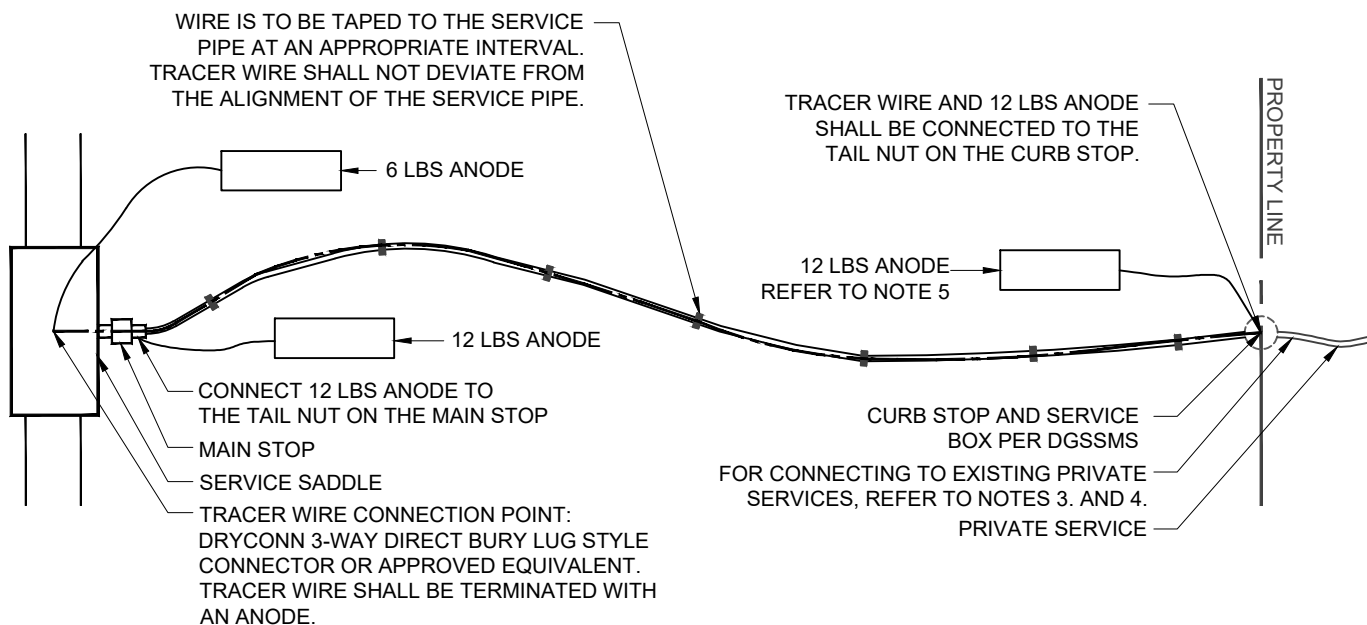


CONNECTION TO NEW NON-METALLIC WATERMAIN



NOTES:

CONNECTION TO EXISTING METALLIC WATERMAIN

1. REFER TO STANDARD DRAWING CW-321 FOR GENERAL OVERVIEW OF TRACER WIRE DETAIL.
2. REFER TO CONSTRUCTION SPECIFICATION FOR TRACER WIRE INSTALLATION IN THE CITY OF WATERLOO.
3. WHEN A REDUCER IS REQUIRED TO CONNECT TO AN EXISTING METALLIC SERVICE, THE SERVICE WILL BE EXTENDED FROM THE CURB STOP TO THE REDUCER USING COPPER PIPING.
4. IF THE EXISTING SERVICE IS NON-METALLIC AND A TRACER WIRE IS FOUND, IT SHALL BE EXTENDED (IF REQUIRED) USING A PIECE OF NEW 12 GAUGE AWG TRACER WIRE AND APPROVED CONNECTORS, AND ALSO CONNECTED TO THE TAIL NUT ON THE CURB STOP.
5. IF A METALLIC WATER SERVICE IS CONNECTED TO THE CURB STOP FROM THE PRIVATE SIDE, ATTACH A 12 LBS ANODE TO THE CURB STOP.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

STANDARD DRAWING

REV 5

MAY 2023

**TRACER WIRE - DETAIL #3
RESIDENTIAL WATER SERVICES (≤50 mm)**

THE CITY OF
Waterloo

CW-324