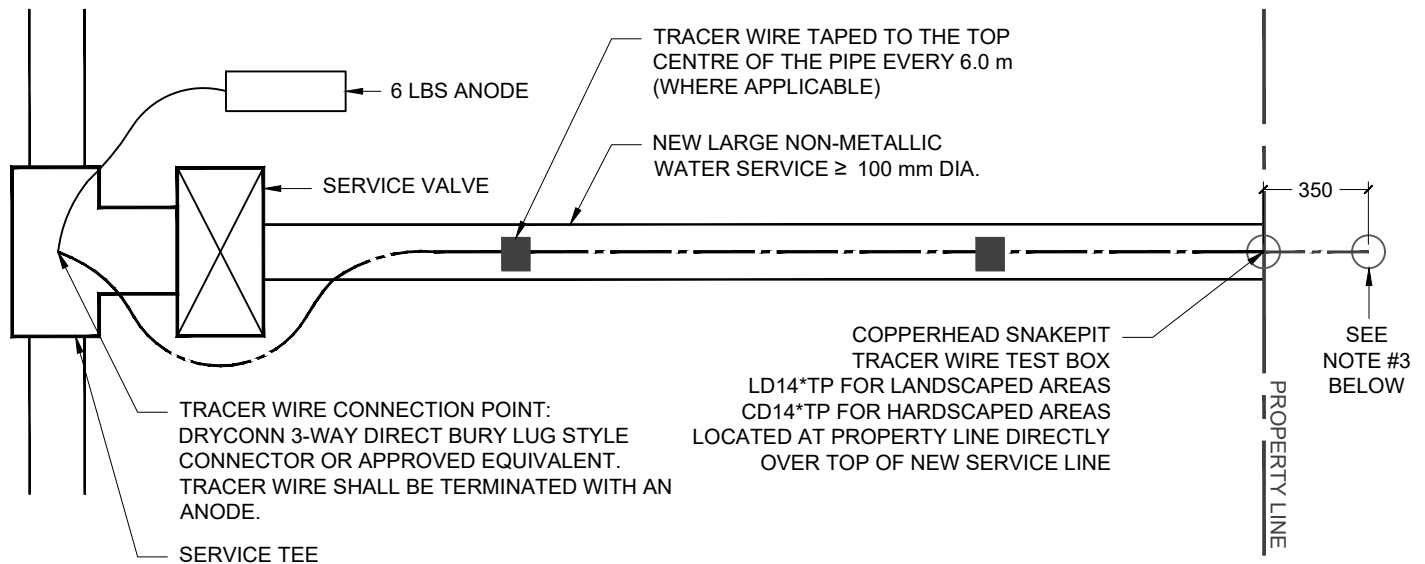


**CONNECTION TO NEW NON-METALLIC WATERMAIN**



**CONNECTION TO EXISTING METALLIC WATERMAIN**

NOTES:

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. IF SERVICE VALVE IS LOCATED AT PROPERTY LINE, TEST BOX SHALL BE INSTALLED 350 MM BEHIND PROPERTY LINE VALVE BOX.
4. FOR SITE SERVICING PROJECTS (I.E. INFILL OR NEW SITE SERVICES), THE NEW SERVICE TRACER WIRE IS TO BE INSTALLED AS PER THE ABOVE SITUATIONS BASED ON THE EXISTING WATERMAIN MATERIAL, BUT INSTEAD OF INSTALLING A TEST BOX FOR ACCESS TO THE TRACER WIRE, A SEPARATE PIECE OF TRACER WIRE (I.E. A BRANCH WIRE) SHALL BE CONNECTED TO THE SERVICE TRACER WIRE WITH AN APPROVED CONNECTOR AND THEN DIRECTED UP THE OUTSIDE OF THE VALVE BOX (WHETHER TAPPING VALVE OR PROPERTY LINE VALVE IS USED) AND INSIDE THE GROMMET HOLE FOR ACCESS FROM THE SURFACE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

STANDARD DRAWING

REV 4

MAY 2023

**TRACER WIRE - DETAIL #2  
LARGE DIA. WATER SERVICES ( $\geq 100$  mm)**

THE CITY OF  
**Waterloo**

**CW-323**