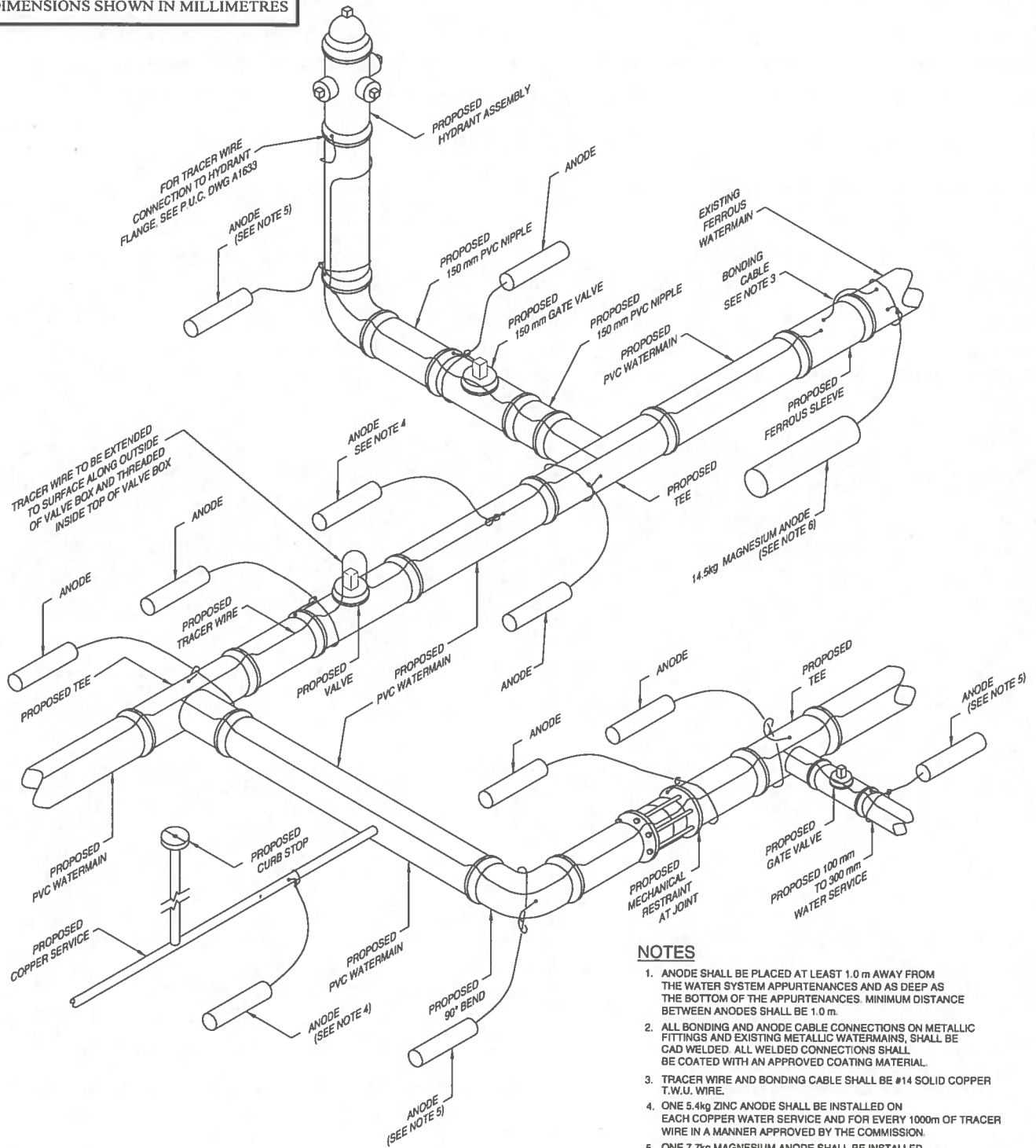


METRIC

LINEAR DIMENSIONS SHOWN IN MILLIMETRES



NOTES

1. ANODE SHALL BE PLACED AT LEAST 1.0 m AWAY FROM THE WATER SYSTEM APPURTENANCES AND AS DEEP AS THE BOTTOM OF THE APPURTENANCES. MINIMUM DISTANCE BETWEEN ANODES SHALL BE 1.0 m.
2. ALL BONDING AND ANODE CABLE CONNECTIONS ON METALLIC FITTINGS AND EXISTING METALLIC WATERMANS, SHALL BE CAD WELDED. ALL WELDED CONNECTIONS SHALL BE COATED WITH AN APPROVED COATING MATERIAL.
3. TRACER WIRE AND BONDING CABLE SHALL BE #14 SOLID COPPER T.W.U. WIRE.
4. ONE 5.4kg ZINC ANODE SHALL BE INSTALLED ON EACH COPPER WATER SERVICE AND FOR EVERY 1000m OF TRACER WIRE IN A MANNER APPROVED BY THE COMMISSION.
5. ONE 7.7kg MAGNESIUM ANODE SHALL BE INSTALLED ON EACH RESTRAINER, HYDRANT, VALVE AND METALLIC FITTING
6. ONE 14.5kg MAGNESIUM ANODE SHALL BE INSTALLED AT EACH CONNECTION TO EXISTING IRON WATERMANS.
7. ANODE CONNECTIONS ON HYDRANTS AND VALVES SHALL BE AS PER P.U.C. SPECIFICATIONS SECTION 8.4.5.2.
8. ANODE CONNECTIONS ON COPPER WATER SERVICES SHALL BE AS PER P.U.C. DWG. A1638.

PETERBOROUGH UTILITIES COMMISSION

TITLE CATHODIC PROTECTION / BONDING CABLE / TRACER WIRE FOR NON METALLIC WATERMANS		No.	REVISION	DATE
		1.	ANODE CONNECTIONS	14 APR. 2011
DRAWN BY <i>Shirley Pitt</i>	SCALE NOT TO SCALE	2.		
DESIGNED <i>[Signature]</i>	JOB COST	DRAWING No.		
APPROVED <i>[Signature]</i>	DATE MAY 24, 2011	CADD	A2732	