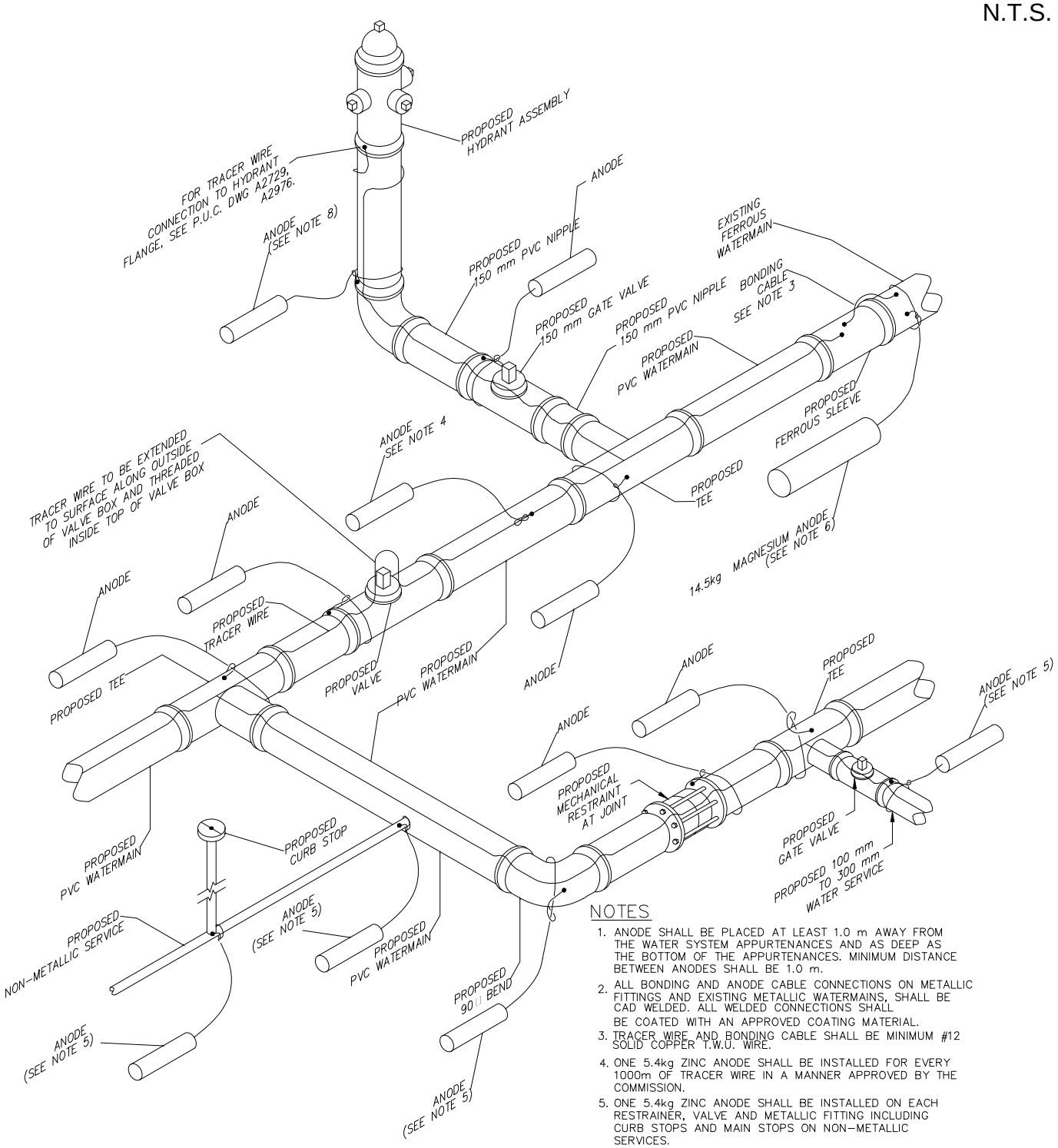
N.T.S.



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 WATERMAINS, SHALL BE CAD WELDED. ALL WELDED CONNECTIONS SHALL BE COATED WITH AN APPROVED COATING MATERIAL.
3. TRACER WIRE AND BONDING CABLE SHALL BE MINIMUM #12 SOLID COPPER T.W.U. WIRE.
4. ONE 5.4kg ZINC ANODE SHALL BE INSTALLED FOR EVERY 1000m OF TRACER WIRE IN A MANNER APPROVED BY THE COMMISSION.
5. ONE 5.4kg ZINC ANODE SHALL BE INSTALLED ON EACH RESTRAINER, VALVE AND METALLIC FITTING INCLUDING CURB STOPS AND MAIN STOPS ON NON-METALLIC SERVICES.
6. ONE 14.5kg MAGNESIUM ANODE SHALL BE INSTALLED AT EACH CONNECTION TO EXISTING IRON WATERMAINS.
7. ANODE CONNECTIONS ON HYDRANTS AND VALVES SHALL BE AS PER P.U.C. CONSTRUCTION SPECIFICATIONS SECTION 2.3.32
8. ONE 10.9kg ZINC ANODE SHALL BE INSTALLED ON EACH HYDRANT

PETERBOROUGH UTILITIES COMMISSION

STANDARD WATERWORKS DRAWING

UTILITIES PETERBOROUGH COMMISSION
WATER
RIVERVIEW PARK AND ZOO

TITLE: CATHODIC PROTECTION / BONDING CABLE / TRACER WIRE FOR NON-METALLIC WATERMAINS

No.	REVISION	DATE
1.	REVISED NOTES	02-23-2023
2.	ADDED ZINC ANODES, NON-METALLIC SERVICE	02-23-2023

DRAWN BY	J. ELLISON	APPROVED	K. CONLIN
DESIGNED	J. ELLISON	DATE:	02-08-2023

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