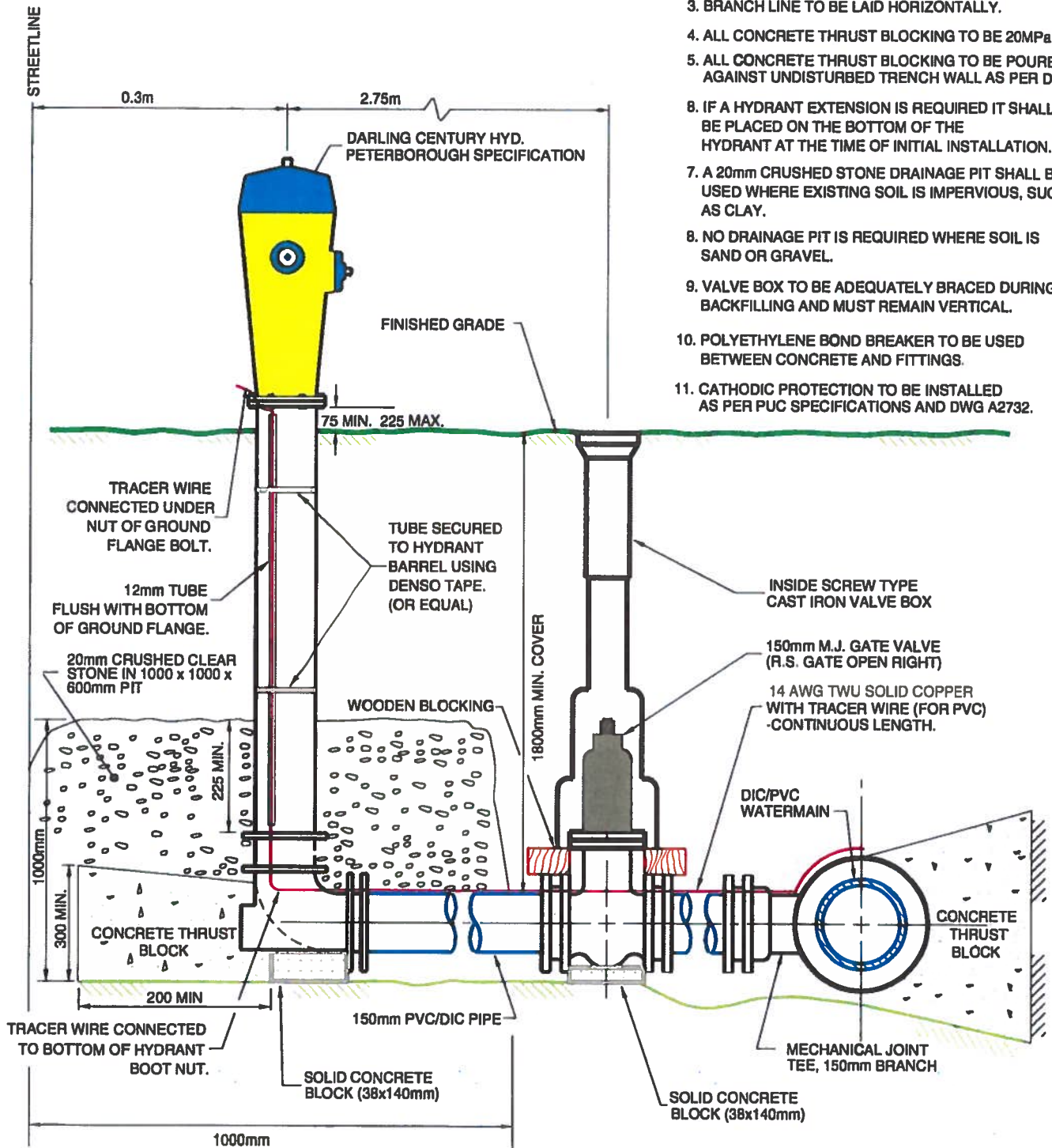


NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. HYDRANT NOZZLES TO BE PLACED FACING CURB.
3. BRANCH LINE TO BE LAID HORIZONTALLY.
4. ALL CONCRETE THRUST BLOCKING TO BE 20MPa.
5. ALL CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED TRENCH WALL AS PER DWG A1719
6. IF A HYDRANT EXTENSION IS REQUIRED IT SHALL BE PLACED ON THE BOTTOM OF THE HYDRANT AT THE TIME OF INITIAL INSTALLATION.
7. A 20mm CRUSHED STONE DRAINAGE PIT SHALL BE USED WHERE EXISTING SOIL IS IMPERVIOUS, SUCH AS CLAY.
8. NO DRAINAGE PIT IS REQUIRED WHERE SOIL IS SAND OR GRAVEL.
9. VALVE BOX TO BE ADEQUATELY BRACED DURING BACKFILLING AND MUST REMAIN VERTICAL.
10. POLYETHYLENE BOND BREAKER TO BE USED BETWEEN CONCRETE AND FITTINGS.
11. CATHODIC PROTECTION TO BE INSTALLED AS PER PUC SPECIFICATIONS AND DWG A2732.



PETERBOROUGH UTILITIES SERVICES INCORPORATED

TITLE	STANDARD HYDRANT AND VALVE INSTALLATION WITH CONCRETE THRUST BLOCKS	No.	REVISION	DATE		
		1.	REVISE NOTES	18 APR. 2011		
DRAWN BY	Steve Billings	SCALE	N.T.S.	2.	REVISE NOTE 6	09 JAN. 2014
DESIGNED	<i>[Signature]</i>	JOB COST		DRAWING No.		
APPROVED	<i>[Signature]</i>	DATE	JANUARY 9, 2014	CADD A1633		