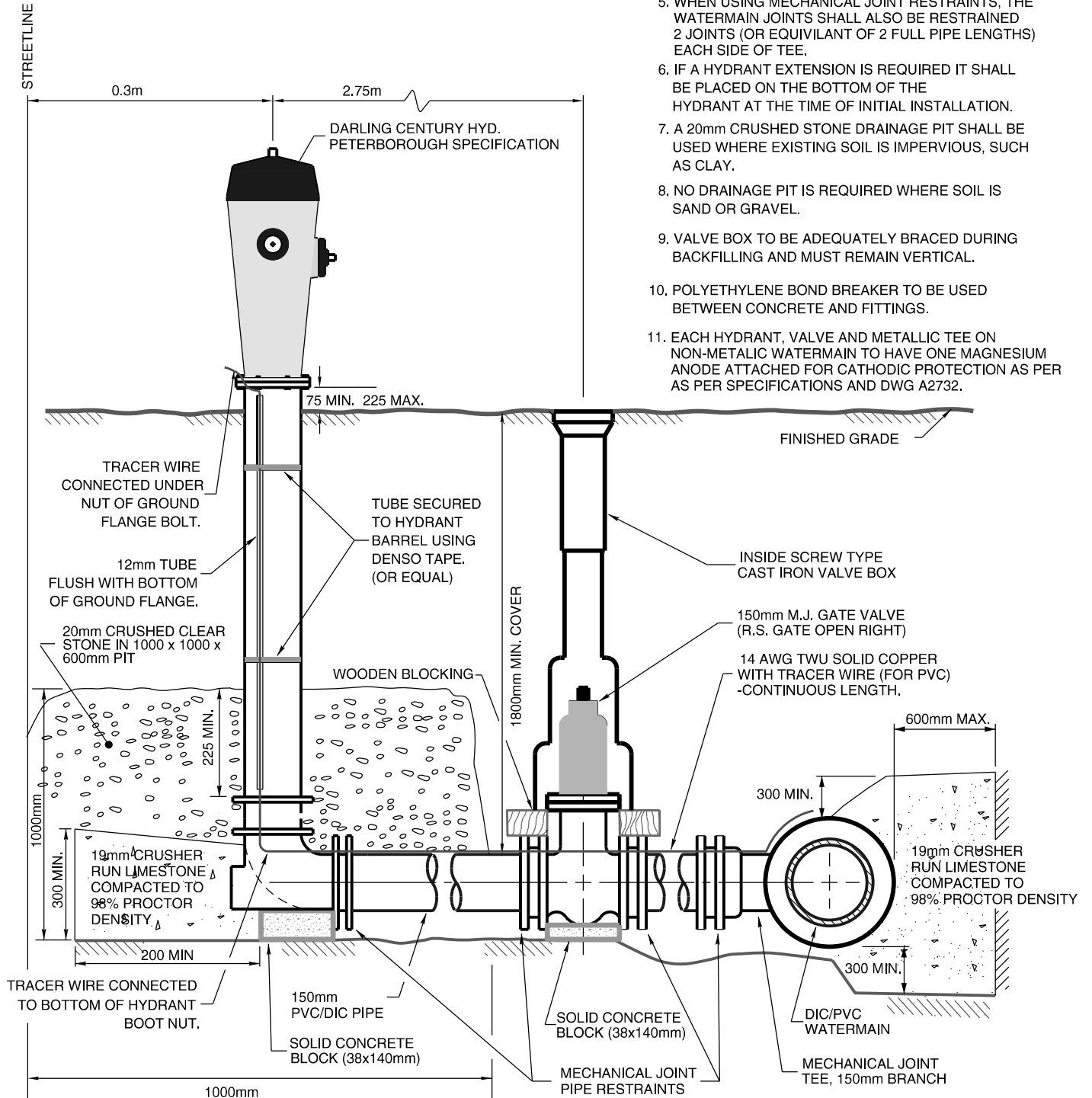


- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
 2. HYDRANT NOZZLES TO BE PLACED FACING CURB.
 3. BRANCH LINE TO BE LAID HORIZONTALLY.
 4. REFER TO P.U.C. SPECS FOR APPROVED RESTRAINED JOINT PRODUCTS.
 5. WHEN USING MECHANICAL JOINT RESTRAINTS, THE WATERMAIN JOINTS SHALL ALSO BE RESTRAINED 2 JOINTS (OR EQUIVALENT OF 2 FULL PIPE LENGTHS) EACH SIDE OF TEE.
 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. EACH HYDRANT, VALVE AND METALLIC TEE ON NON-METALLIC WATERMAIN TO HAVE ONE MAGNESIUM ANODE ATTACHED FOR CATHODIC PROTECTION AS PER AS PER SPECIFICATIONS AND DWG A2732.



PETERBOROUGH UTILITIES SERVICES INCORPORATED

TITLE	STANDARD HYDRANT AND VALVE INSTALLATION WITH MECHANICAL RESTRAINED JOINTS	No.	REVISION	DATE
		1.	REVISE NOTE 6	09 JAN. 2014
DRAWN BY	Steve Billings	SCALE	N.T.S.	
DESIGNED		JOB COST		DRAWING No.
APPROVED		DATE	JANUARY 9, 2014	CADD A2729