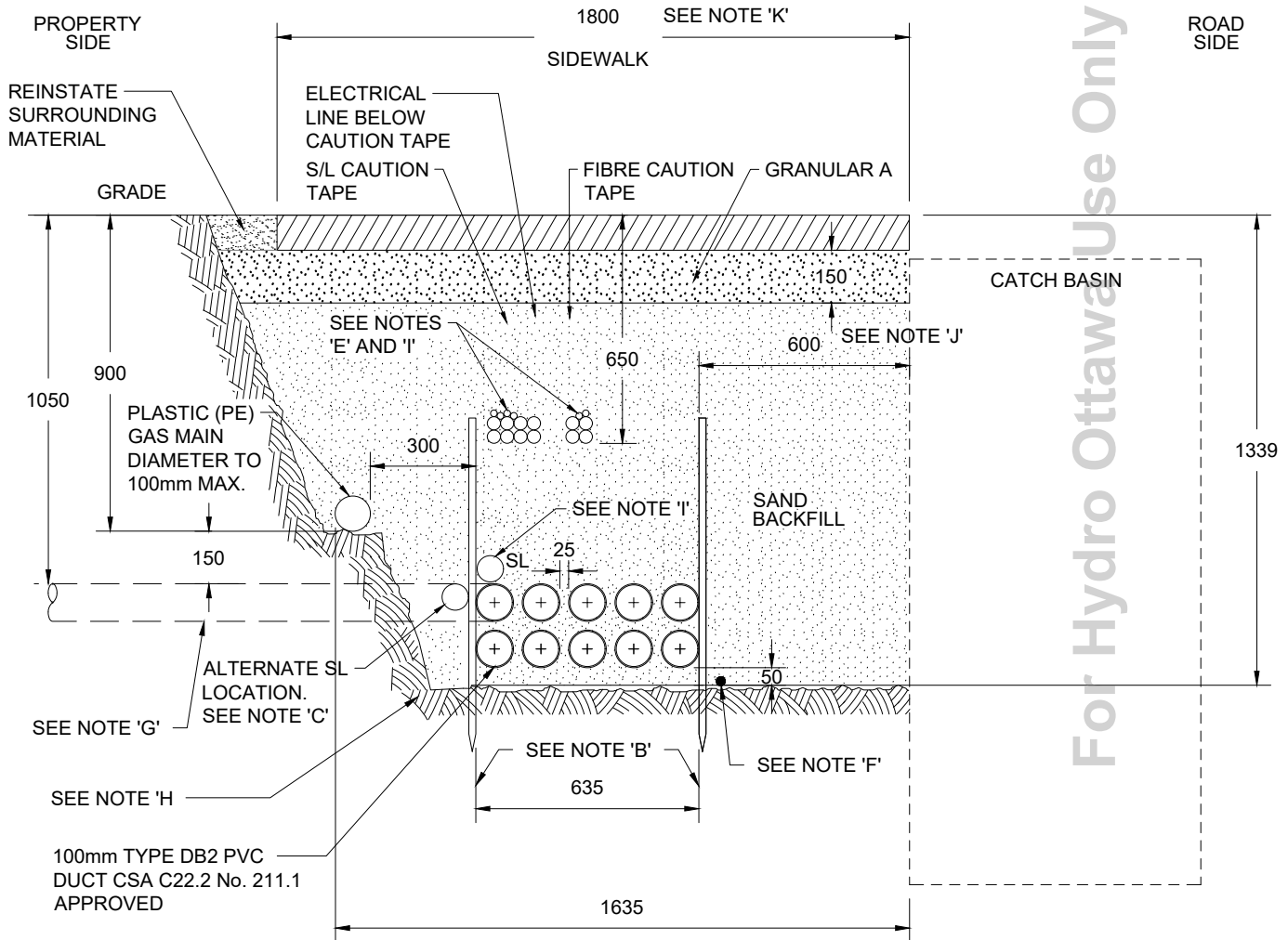


**NOTES:**

- A. ALL MEASUREMENTS IN MILLIMETERS UNLESS OTHERWISE NOTED.
- B. 2-1000mm LENGTH STAKES SHALL BE PLACED AT 10m INTERVALS AND AT ALL TRENCH ALIGNMENT CHANGES, STAKES SHALL EXTEND 450mm ABOVE TOP ROW OF HYDRO DUCTS.
- C. SL DUCT TO MOVE TO ALTERNATE LOCATION AT ROAD CROSSING LOCATION TO AVOID CONFLICT WITH GAS.
- D. TRENCH AND ALL BACKFILL MATERIAL MUST BE APPROVED BY HYDRO OTTAWA INSPECTOR PRIOR TO BACKFILLING. FOR ACCEPTABLE BACKFILL MATERIAL, SEE HYDRO OTTAWA SPECIFICATION GCS0001 AND GCS0005.
- E. BELL TO LASH 19mm DUCTS TO 38mm AND 50mm DUCTS. ROGERS TO LASH 38mm AND 19mm IN SEPARATE BUNDLES FROM BELL DUCTS, SIDE BY SIDE.
- F. WHERE GROUND RESISTANCE LEVELS WILL NOT MEET HYDRO OTTAWA STANDARDS, A 2/0 BARE COPPER CONDUCTOR SHALL BE INSTALLED BETWEEN TRANSFORMER GROUND GRIDS.
- G. TRANSITION OF SERVICE LATERAL DUCTS TO 3 OR 4 PARTY JOINT UTILITY SERVICE TRENCH AS PER HYDRO OTTAWA STANDARDS UDS0016 OR UDS0003.
- H. UNDISTURBED SOIL OR GRANULAR A OR SAND BASE.
- I. TELECOM AND STREETLIGHT SERVICING SHALL MAINTAIN VERTICAL CLEARANCE (150MM MIN.) WHEN CROSSING GAS MAIN.
- J. INCREASE CLEARANCE TO 1600mm WHEN USING 20m ROAD CROSS SECTION.
- K. SIDEWALK SIZE WILL INCREASE TO 2000mm FOR THE 20m ROAD CROSS SECTION.
- L. USE UDS0051 WHEN HYDRO IS IN A DEDICATED CONCRETED ENCASED DUCT BANK.



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