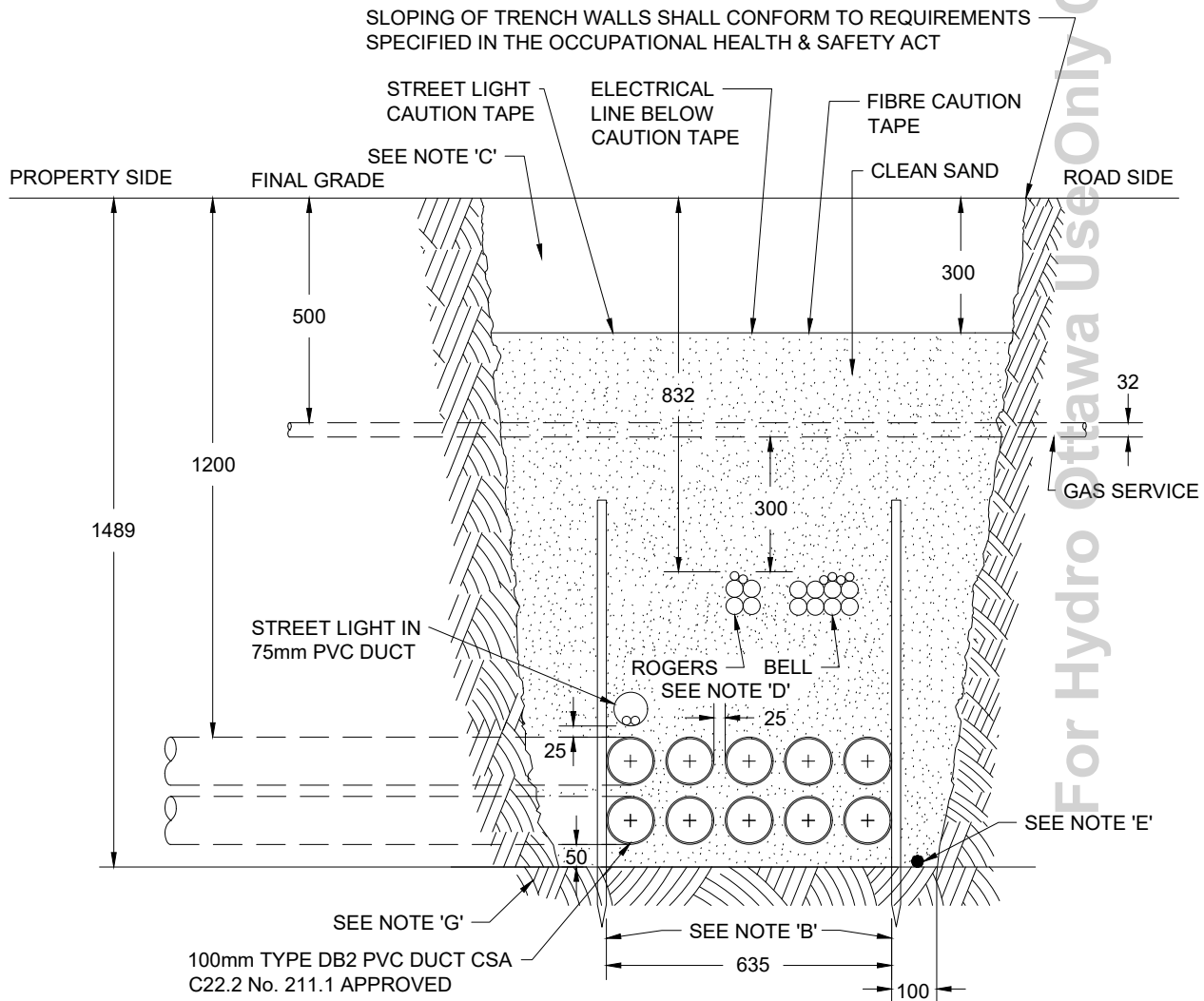


**NOTES:**

- 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. 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.
- D. 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.
- E. WHERE GROUND RESISTANCE LEVELS WILL NOT MEET HYDRO OTTAWA STANDARDS, A 2/0 BARE COPPER CONDUCTOR SHALL BE INSTALLED BETWEEN TRANSFORMER GROUND GRIDS.
- F. TRANSITION OF SERVICE LATERAL DUCTS TO 3 OR 4 PARTY JOINT UTILITY SERVICE TRENCH AS PER HYDRO OTTAWA STANDARDS UDS0016 OR UDS0003.
- G. UNDISTURBED SOIL OR GRANULAR A OR SAND BASE.
- H. EXCLUSIVE GAS MAINS IN R.O.W. CROSS SECTION SHOULD BE MINIMUM 1 METER FROM EDGE OF 3-PARTY JOINT UTILITY TRENCH.



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<b>REVISIONS</b> REV: 1    DATE: 2020-03-17 CHANGE: REMOVED SPACERS EV    AK    MW			 WWW.HYDROOTTAWA.COM	<b>TITLE</b> ENGINEERING SPECIFICATION TRENCH JOINT UTILITY 3 PARTY MAIN RESIDENTIAL	
REV: 2    DATE: 2022-11-03 CHANGE: ADDED CAUTION TAPE LS    GJ, AA, KR    MW				<b>CONSTRUCTION DETAIL</b>	
REV:    DATE: CHANGE:			PREP: E. VEH CHKD: A. KHAIRI / M. WYNDHAM APPD: B. HAZLETT    P. Eng DATE: 2020-02-05 SCALE: N.T.S. @ ANSI A		
			<b>NO:</b> UDS0045		
			1 OF 1    REV: 2		

G:\4.2.3 TECH STD & MAT\01\_STDS\01\_HOLLU-UNDERGROUND\ID-DUCTS,TRENCHING\UDS0045 R2 TRENCH JOINT UTILITY 3 PARTY MAIN RESIDENTIAL.DWG