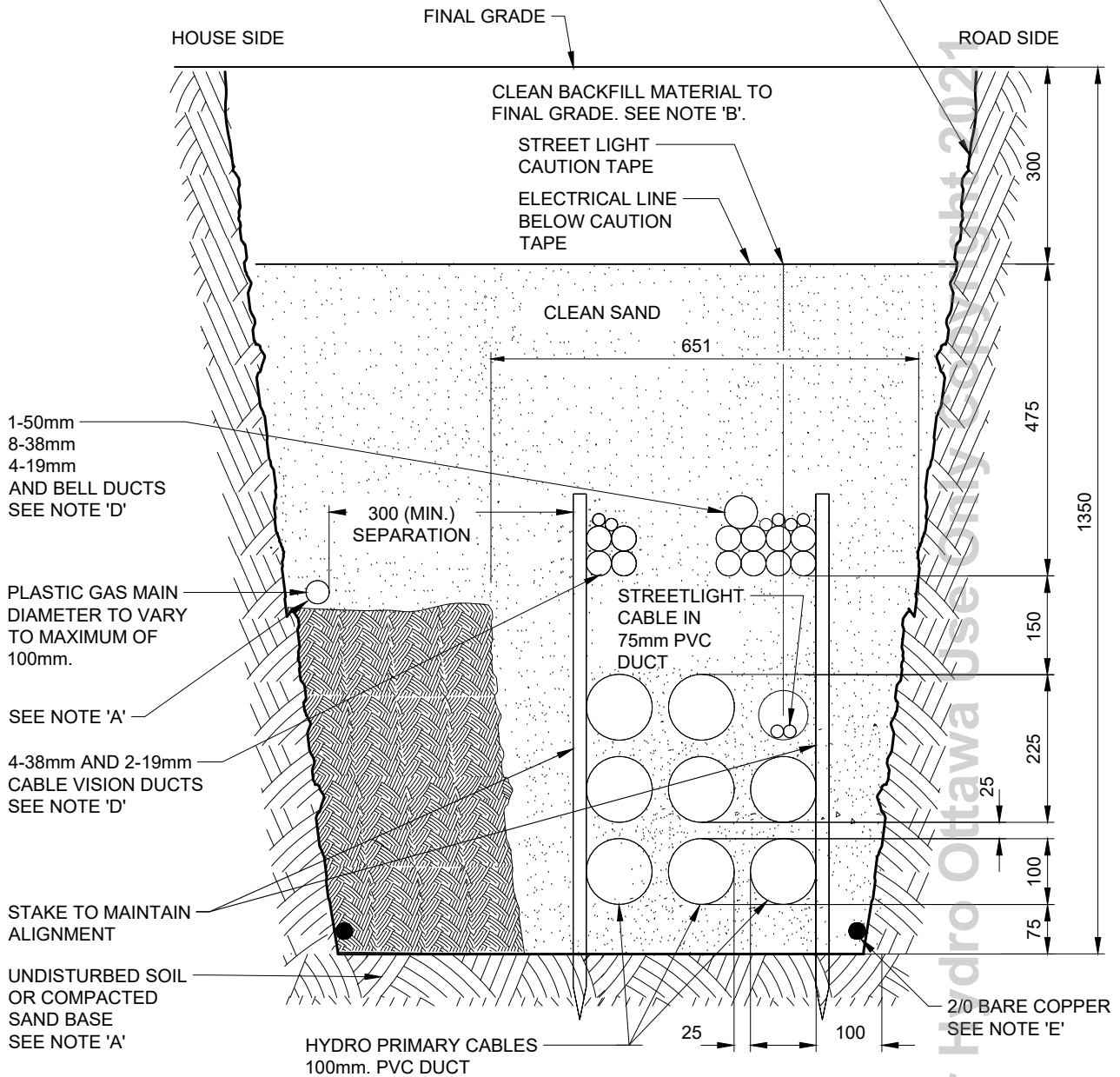


4.2.3 TECH STD AND MAT --> 01 STDS --> 01 HOL --> U-UNDERGROUND --> D-DUCTS


SLOPING OF TRENCH WALLS SHALL CONFORM TO REQUIREMENTS SPECIFIED IN THE OCCUPATIONAL HEALTH & SAFETY ACT.



SECTION VIEW

NOTES:

- A. 2-1m LENGTH STAKES WILL BE PLACED AT 10m INTERVALS AND AT ALL TRENCH ALIGNMENT CHANGES, STAKES SHALL EXTEND 450mm ABOVE TOP ROW OF HYDRO DUCTS.
- B. TRENCH AND ALL BACKFILL MATERIAL MUST BE APPROVED BY HYDRO OTTAWA INSPECTOR PRIOR TO BACKFILLING. FOR ACCEPTABLE BACKFILL MATERIAL, SEE HYDRO OTTAWA SPECIFICATION GCS0001, APPENDIX "A".
- C. ALL MEASUREMENT IN MILLIMETERS UNLESS OTHERWISE NOTED.
- D. BELL TO LASH 19mm DUCTS TO 38mm AND 50mm DUCTS, CABLE VISION TO LASH 38mm AND 19mm IN SEPARATE BUNDLES.
- E. WHERE GROUND RESISTANCE LEVELS WILL NOT MEET HYDRO OTTAWA STANDARDS, A 2/0 BARE COPPER SHALL BE INSTALLED BETWEEN TRANSFORMER GROUND GRIDS.

REVISIONS			PREP	CHKD	APPD	 www.hydroottawa.com	TITLE		
REV	DATE	CHANGE	GM	KM	CSM		ENGINEERING SPECIFICATION		
REV: 5	DATE: 2010-06-15	CHANGE: REV. TITLE, TRENCH, COMM. DUCTS & NOTES, ADDED 2/0 COPPER & NOTES 'D' & 'E'					TRENCH JOINT UTILITY		
REV: 6	DATE: 2010-10-22	CHANGE: ADD 2ND STAKE. REV. LAYOUT OF COMM. DUCTS & NOTE D.	FB	KM	CSM	PREP: G. MOLNAR	4 PARTY MAIN RESIDENTIAL		
REV: 7	DATE: 2021-10-20	CHANGE: ADDED WARNING TAPE	EV	DM/NS	MW	CHKD: C. MORAN	CONSTRUCTION DETAIL		
						APPD: C. MALONE P. Eng.	NO:	UDS0014	
						DATE: 2002-08-06			1 OF 1
						SCALE: N.T.S. @ ANSI A			REV: 7