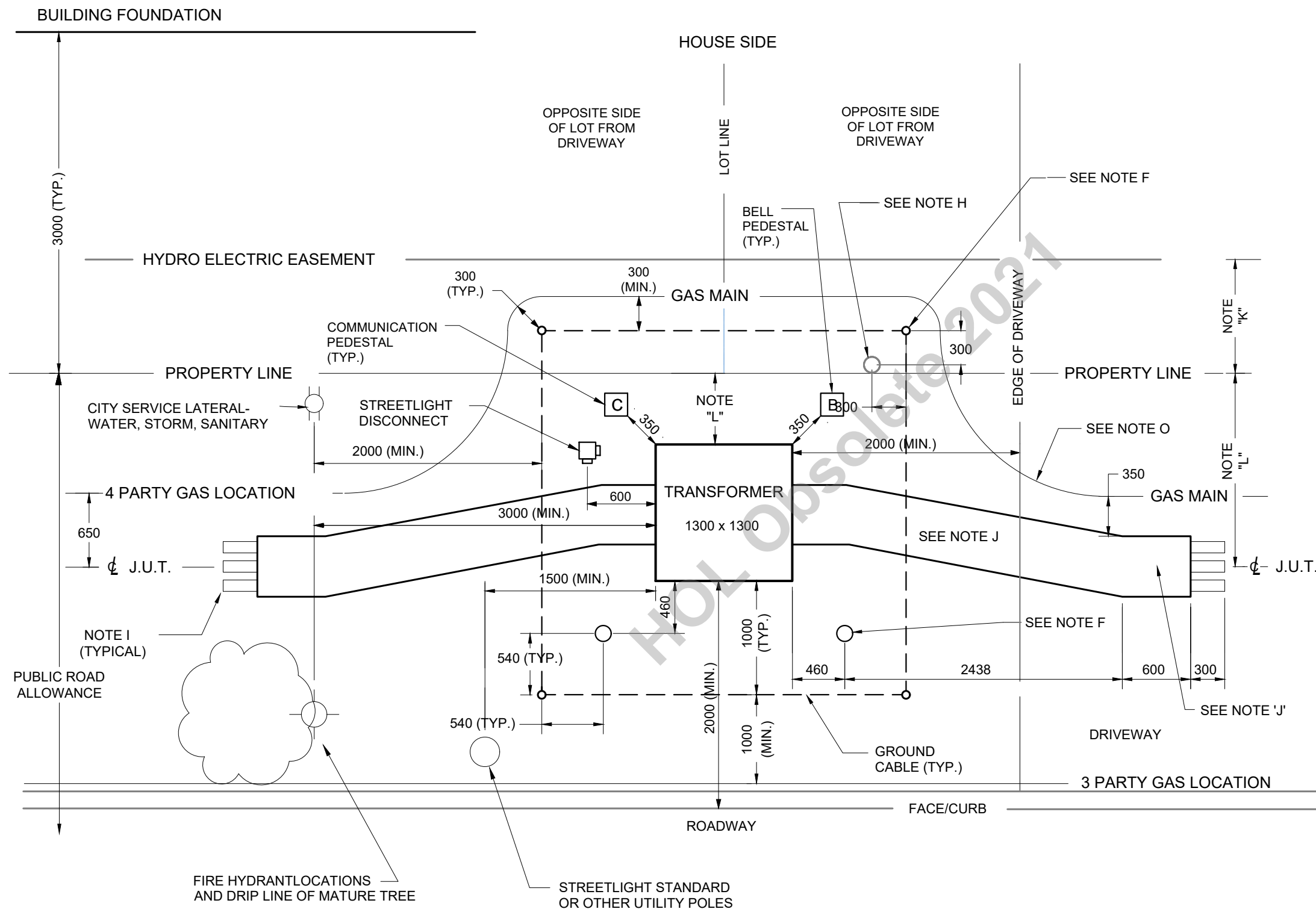


NOTES:

- A. LOW PRESSURE PLASTIC GAS MAIN DIAMETER TO VARY TO MAXIMUM OF 100mm.
- B. FOR GAS MAIN CLEARANCES SEE HOL SPEC. UDS0014.
- C. ALL THIRD PARTY EQUIPMENT WITHIN 2400MM OR LESS OF THE TRANSFORMER SHALL BE BONDED TO THE GROUND ROD WITH A CONDUCTOR SIZE APPROPRIATE FOR THE AVAILABLE FAULT CURRENT (MIN. 2/0 CU.) AND A SEPARATE CONNECTOR APPROVED BY HYDRO OTTAWA.
- D. ALL CLEARANCES SHALL COMPLY WITH UTS0001.
- E. REFER TO SPECIFICATION UTS0038 FOR CLEARANCE AREA
- F. REFER TO UFS0001 FOR BOLLARD CONSTRUCTION AND REFER TO UGS0002 FOR BOLLARD GROUNDING.
- G. ALL UNITS IN MILLIMETERS UNLESS OTHERWISE INDICATED.
- H. IF SIDE PROTECTIVE BOLLARDS ARE REQUIRED AND COMMUNICATION PEDESTALS ARE PLANNED, MOVE REQUIRED BOLLARDS OUT TO 300mm INSIDE THE GROUND GRID
- I. DUCTS TO PROTRUDE 300mm FROM ENDS OF CONCRETE DUCT STRUCTURE AND WILL BE CAPPED.
- J. REFER TO UDS0001, DETAIL "H" FOR DUCT BANK FORMATION
- K. EASEMENT REQUIRED BEYOND ALL HYDRO OTTAWA EQUIPMENT (INCLUDING GROUND GRID) ON PRIVATE PROPERTY.
- L. REFER TO APPROVED CITY OF OTTAWA ROAD CROSS SECTION USED, FOR SPECIFIC DIMENSIONS.
- M. TRANSFORMER AND GROUND GRID MAY BE LOCATED COMPLETELY ON PRIVATE PROPERTY WITH A FRONT LOT EASEMENT ON RURAL RESIDENTIAL ROAD CROSS SECTION. MINIMUM BUILDING TO TRANSFORMER BASE OFFSET SHALL BE 2250mm IN SUCH CIRCUMSTANCES.
- N. HYDRO OTTAWA REQUIRES INSPECTION WHEN EXCAVATION ENCROACHES WITHIN 4m OF TRANSFORMER.
- O. FOR A 3 PARTY TRENCH APPLICATION, GAS WILL BE LOCATED AT CURB WITH A MINIMUM OF 1.0M SEPARATION FROM HYDRO OTTAWA PLANT.
- P. FOR DETAILS ABOUT TREE PLANTING, SEE HYDRO OTTAWA PUBLICATION "TREE PLANTING ADVICE" AT WWW.HYDROOTTAWA.COM



REVISIONS	PREP	CHKD	APPD
REV: 8 DATE: 2010-08-30 CHANGE: TRANSFORMER BASE INCREASED TO 1300 x 1300	FB	RL	CSM
REV: 9 DATE: 2012-01-10 CHANGE: NOTE 'K' REVISED	SLJ	RW	CSM
REV: 10 DATE: 2021-10-22 CHANGE: MADE OBSOLETE	EV	DM/NS	MW

HydroOttawa
 WWW.HYDROOTTAWA.COM

PREP: K. SANSOM	NO:
CHKD: K. McROBERTS	
APPD: C. MALONE P.Eng	
DATE: 2006-09-29	REV: 10
SCALE: N.T.S. @ ANSI B	OF 1

TITLE	
ENGINEERING SPECIFICATION TRANSFORMER CLEARANCES RESIDENTIAL UNDERGROUND OFFSET UTILITY TRENCH LOCATION 3 & 4 PARTY CONSTRUCTION DETAIL	
UTS0013	REV: 10