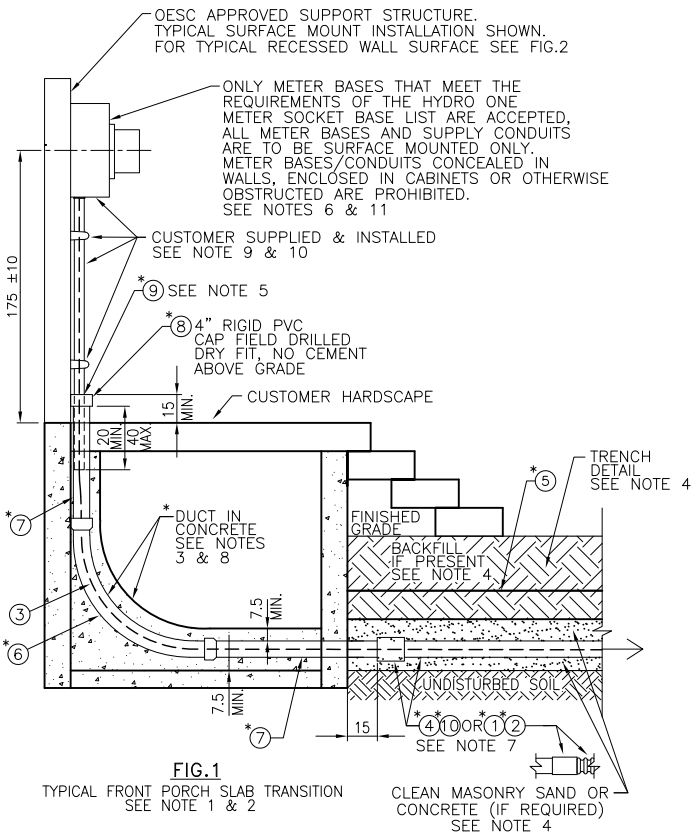
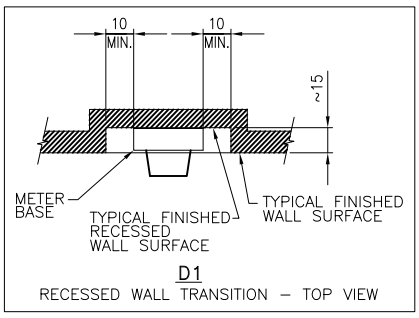


FIG.1
TYPICAL FRONT PORCH SLAB TRANSITION SEE NOTE 1 & 2



D1
RECESSED WALL TRANSITION – TOP VIEW

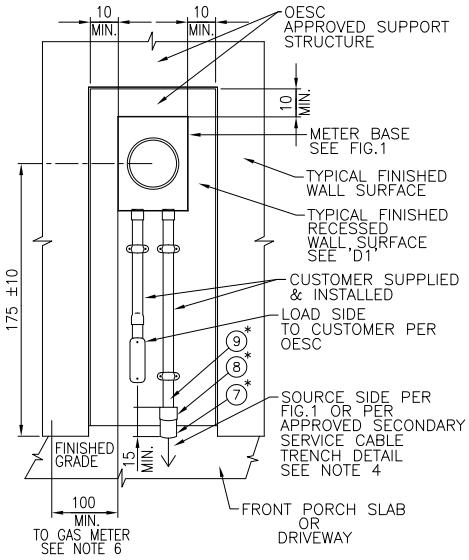


FIG.2
TYPICAL RECESSED WALL TRANSITION SEE NOTES 1 & 2

NOTES:

1. FIG.1 AND FIG.2 ARE ALTERNATE ARRANGEMENTS. FOR PREFERRED DEFAULT ARRANGEMENTS SEE DU11-101-0500/0501, DU11-102-0500/0501/0502, OR DU11-103-0500/0501.
2. FIG.1 REPRESENTS TYPICAL FRONT PORCH SURFACE MOUNT INSTALLATION. FOR TYPICAL FRONT PORCH OR DRIVEWAY RECESSED INSTALLATION SEE FIG.2.
3. PVC CONDUIT AND SWEEP UNDER THE FRONT PORCH SLAB ARE CUSTOMER OWNED AND MUST BE CONCRETE ENCASED AND INSTALLED PER ONTARIO BUILDING CODE (OBC) AND ONTARIO ELECTRICAL SAFETY CODE (OESC).
4. REGULAR OR REDUCED COVER TRENCH PER APPROVED SECONDARY SERVICE CABLE TRENCH DETAIL. SEE DU11-101-0500/0501, DU11-102-0500/0501/0502 OR DU11-103-0500/0501.
5. ALL DUCTS TO BE MANDRELLED AND CLEANED AFTER INSTALLATION. ALL DUCTS TO HAVE 5/8" POLYESTER PULLING TAPE INSTALLED.
6. INSTALL METER COMPARTMENT AS PER ONTARIO ELECTRICAL SAFETY CODE (OESC), USE ONLY METER BASES THAT MEET THE REQUIREMENTS OF HYDRO ONE METER SOCKET BASE LIST.
7. FLEXIBLE CONDUIT, WITH APPROVED COUPLER MAY BE INSTALLED. FOR REDUCED COVER SCHEDULE 40 PVC CONDUIT MAY BE INSTALLED, PER NOTE 4 ABOVE.
8. PART#S MARKED WITH "*" ARE SUPPLIED BY CUSTOMER; MM#S OF SUCH PARTS ARE FOR REFERENCE ONLY.
9. THE METER BASE CONDUITS WILL VARY IN SIZE DEPENDING ON CONDUCTOR SIZE (i.e. 2" DIAMETER FOR 3/0 AWG, 3" FOR 250 kcmil or 500 kcmil CONDUCTOR). ONLY ONE SERVICE CABLE PERMITTED PER CONDUIT.
10. THE SUPPLY SERVICE CABLE AT THE METER BASE SHALL BE HOUSED IN ITS OWN DISTINCT CUSTOMER SUPPLIED CONDUIT (CONDUIT SHALL NOT HOUSE ANY OTHER PLANT), AND SHALL NOT HAVE ANY ACCESS PORT (LB CONDUIT FITTING, JUNCTION BOX, ETC.). ANY MODIFICATION TO CUSTOMER OWNED METER-BASE WHICH VOIDS CSA CERTIFICATION IS NOT PERMITTED.
11. METER BASE TO MAINTAIN 1m MINIMUM CLEARANCE FROM DISCHARGE OF ANY NATURAL GAS RELIEF DEVICE OR VENT. IF 1m CLEARANCE IS NOT AVAILABLE IT CAN BE REDUCED TO 0.3m MINIMUM CLEARANCE WHICH IS ONLY APPLICABLE IF REGULATORS EQUIPPED WITH CERTIFIED OVERPRESSURE CUT-OFF/SHUT-OFF WITH LIMITED OR NO RELIEF IS INSTALLED FOR THE GAS DISCHARGE OPENING. THE OVERPRESSURE RELIEF DEVICES MUST BE MARKED "LR-OPCO", "P-OPCO" OR "OPSO". METER BASE TO MAINTAIN MINIMUM CLEARANCE OF 3m FROM THE VALVE OF A PROPANE TANK WITH A CAPACITY OF 475-3800L OR 7.5m FROM THE VALVE ON A PROPANE TANK WITH CAPACITY GREATER THAN 3800L.

ALL DIMENSIONS IN CENTMETRES
UNLESS OTHERWISE STATED

PARTS LIST			
PART No.	MM No.	DESCRIPTION	QTY.
1	30031918	COUPLER KIT, 4", FLEX TO 4" RIGID	A/R
2	30031917	CONDUIT, FLEX, 4"	A/R
3	30005908 30005915	SERVICE CABLE, 3/0 AWG, 3-COND., AL. SERVICE CABLE, 250Kcmil, 3-COND., AL.	A/R
4	*	CONDUIT, PVC, 4", DB2	A/R
5	20002181	CAUTION TAPE, BURIED ELECTRIC LINE	A/R
6	*	SWEEP, 4" x 24" RADIUS, SCHEDULE 40, PVC	A/R
7	*	CONDUIT, 4", SCHEDULE 40, PVC	A/R
8	30031602	CAP, 4", SCHEDULE 40, PVC	A/R
9	20000007	TAPE, PULLING, 5/8" WIDE, POLYESTER	A/R
10	30031626	COUPLER, 4", DB2 TO 4" RIGID	A/R
MM# = REFER TO SECTION 16 ONLY		A/R = AS REQUIRED	A/R
* = SUPPLIED BY CUSTOMER – SEE NOTE 8			

Rev No.	Date	Revision Particulars	PC	MM	VM	MM
02	JUNE 2026	UPDATED REFERENCE TO METER BASE REQUIREMENTS ON FIG.1 AND NOTE 6. UPDATED NOTE 11 TO INCLUDE CLEARANCE REQUIREMENTS FOR PROPANE TANKS. UPDATED PULLING TAPE DESCRIPTION FOR PART #9 AND IN NOTE #5.	PC	MM	VM	MM
01	SEPT 2023	ORIGINAL DU-03-209.3-0500-R01 IS NOW SUPERSEDED BY THIS NEW DRAWING/REVISION. CHANGED TO SECTION 11. GENERAL UPDATES. UPDATE NOTE 6. ADDED NOTES 10 & 11. CHANGED TO NEW DWG. & NUMBERING FORMAT.	PC	MM	MM	MM
Rev No.	Date	Revision Particulars	dwn	ckd	des	app

Drawn By:	Checked By:	Designed By:	Design Approved By:
PC	M.MATEVSKI	M.MATEVSKI	M.MATEVSKI P.Eng.
Scale: N.T.S.	Date: (yyyy/mm/dd) 2022/05/03	Pole ID:	

Hydro One Networks Inc.

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Title:
TRENCH DETAIL – SECONDARY SERVICE CABLE FROM UNDERGROUND TRENCH TO METER BASE UP TO 200A ALTERNATE ARRANGEMENTS, 1ø, 120/240V

Drawing No.	Rev. No.
DU11-104-0500	02

TITLE BLOCK REV 02 – AUGUST 2014

A4 (210 x 297) millimetres 0 10 50 Sheet Number: /