

## NOTES:

- BACKFILL: ENSURE 50mm CLEAN MASONRY SAND
  BETWEEN THE TRENCH BASE AND THE DUCTS TO
  PROTECT THE DUCTS FROM SHARP ROCKS. IF THE
  TRENCH BOTTOM IS FREE OF SHARP ROCKS THE SAND
  MAY BE OMITTED. 150mm OF SAND BUFFER SHALL BE
  PLACED BETWEEN THE DUCTS AND NATIVE BACKFILL.
  NATIVE BACKFILL MUST BE CLEAN AND FREE OF
  DEBRIS TO PREVENT DAMAGE TO THE DUCT. BACKFILL
  SHALL BE WELL TAMPED SHALL BE WELL TAMPED.
- WHEREVER POSSIBLE AVOID THE SECONDARY SPLICE AT THE LOT LINE BY INSTALLING A CONTINUOUS DUCT FROM THE TRANSFORMER TO THE METER BASE. IF SPLICE IS REQUIRED, FLEXIBLE CONDUIT SHALL NOT
- THE TRENCH SHOULD BE AS STRAIGHT AS POSSIBLE, TO ENSURE AN OPTIMAL CABLE PULL.
- PULL TAPE: A 1/2" WIDE POLYESTER PULLING TAPE MUST BE INSTALLED THROUGH THE ENTIRE LENGTH OF THE DUCT.
- INSTALL METER COMPARTMENT AS PER ONTARIO ELECTRICAL SAFETY CODE (OESC), USE ONLY HYDRO ONE APPROVED METER BASES LISTED IN THE HYDRO ONE 'METER SOCKET BASE' LIST. METER BASE TO MAINTAIN 1 METER MINIMUM CLEARANCE FROM DISCHARGE OF ANY COMBUSTIBLE GAS RELIEF DEVICE OR VENT.
- TELECOMMUNICATION PLANT MAY SHARE SERVICE TRENCH BUT MUST BE INSTALLED IN ITS OWN CONDUIT
- PREFERRED ROUTING FOR GAS SERVICE SHALL BE ON OPPOSITE SIDE OF THE BUILDING THAN THAT OF THE ELECTRICAL SERVICE. IF COMMON TRENCHING IS UNAVOIDABLE, 300mm MINIMUM CLEAR SEPARATION SHALL BE MAINTAINED IN ALL DIRECTIONS BETWEEN GAS SERVICE AND ELECTRICAL SUPPLY CABLE.
- CLEARANCES, DEPTHS, SEPARATIONS AND FORMS OF MECHANICAL PROTECTION OF THE CABLE ARE MINIMUM REQUIREMENTS. INCREASED CLEARANCES AND OR ADDITIONAL FORMS OF MECHANICAL PROTECTION ARE CONSIDERED POSITIVE DEVIATIONS AND ARE ALLOWED.
- FLEXIBLE CONDUIT, WITH APPROVED COUPLER MAY BE INSTALLED, IF SPLICE IS NOT REQUIRED.
- 10. RADIUS MUST BE GREATER THAN THE SPECIFIED CABLE MINIMUM BENDING RADIUS.
- 11. CUSTOMER SUPPLIED AND INSTALLED METER BASE, CONDUIT, CLAMPS AND ASSOCIATED HARDWARE
  INSTALLED PER ONTARIO ELECTRICAL SAFETY CODE
- 12. 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.

PARTS LIST						
PART No.			QTY.			
1		COUPLER KIT, 4", FLEX TO 4" RIGID	A/R			
2	30031917	CONDUIT, FLEX, 4"	A/R			
3	30005915	SERVICE CABLE, 3/0 AWG, 3-COND., AL. SERVICE CABLE, 250Kcmil, 3-COND., AL. SERVICE CABLE, 500Kcmil, 3-COND., AL.	A/R			
4	30007710	CONDUIT, PVC, 4", DB2	A/R			
5		CAUTION TAPE, BURIED ELECTRIC LINE	A/R			
6		SWEEP, 4" x 16" RADIUS, RIGID PVC	A/R			
7	30007583	CONDUIT, 4", RIGID PVC	A/R			
8	30031602	CAP, 4", SCHEDULE 40, PVC	A/R			
9	30031626	COUPLER, 4", DB2 TO 4" RIGID				
10	30003292	COUPLER, POLY, PUSH FIT	A/R			
11	11 30031628 CONDUIT, 4", SPLIT DB2		A/R			
12	20000007	TAPE, PULLING, 1/2" WIDE, POLYESTER	A/R			
13	30006455	CONNECTOR, SPLICE, 600V, 3/0 AWG CONNECTOR, SPLICE, 600V, 250Kcmil CONNECTOR, SPLICE, 600V, 500Kcmil	A/R			
14	30013875	COLD SHRINK, 600V, 2/0 AWG-250Kcmil COLD SHRINK, 600V, 500Kcmil	A/R			
15	30013701	SWEEP, 4" x 16" RADIUS, PVC, FOR DB2	A/R			
MM# = REFER TO SECTION 16 ONLY A/R = AS REQUIRED						
* = SUPPLIED BY CUSTOMER						

FOR SHEET 2 OF THIS DRAWING SEE DU-03-209.2-0501

ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

02	APR 2022	UPDATED PART #8, 13 & 14. ADDED NEW PART #9	PC	ММ	KA	ММ		Ī
		& 15. UPDATED NOTES 2, 5 & 9. ADDED NOTES 11						ī
		& 12. UPDATED MAIN LAYOUT DIMENSION AND						_
		CLARIFIED OPTIONS FOR APPLICABLE PARTS.						
		UPDATED 'D4' LAYOUT AND PARTS.						_
01	SEP 2018	GENERAL UPDATES. CHANGED 4" SWEEP AND PULLING	SO	PC	AS	PS	Drawn By:	
		TAPE. CHANGED TO NEW DWG. & NUMBERING					S.0.	
		FORMAT. FOR PREVIOUS REVISIONS REFER TO					Scale:	
		DU-03-209.2-R0.					N.T.S.	
Rev No.	Date	Revision Particulars	dwn	ckd	des	арр	Tible.	-

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information contained in this drawing is considered to be confidential. Recipients for its intended purpose and shall take necessary measures to prevent disclosure or

Date: (yyyy/mm/dd) Pole ID: N.T.S. 2014/03/20 TRENCH DETAIL - SECONDARY SERVICE CABLE FROM UNDERGROUND ALL-IN-DUCT TRENCH

DU-03-209.2-0500

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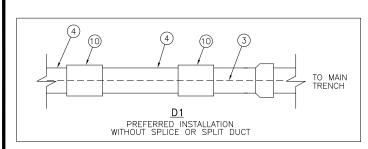
Checked By:

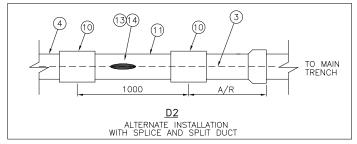
TO METER BASE

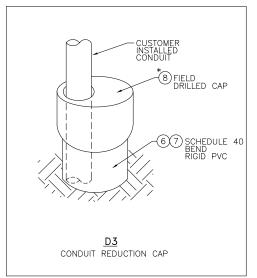
Rev. No. 02

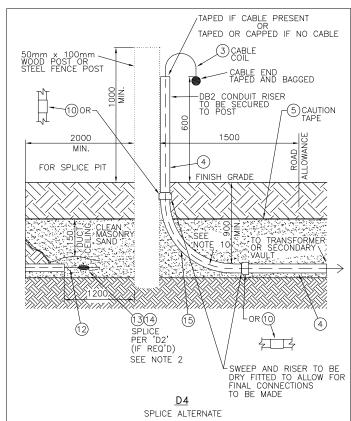
Designed By:

Design Approved By









FOR SHEET 1 OF THIS DRAWING SEE DU-03-209.2-0500

ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

02	APR 2022	UPDATED PART #8, 13 & 14. ADDED NEW PART #9 & 15. UPDATED NOTES 2, 5 & 9. ADDED NOTES 11 & 12. UPDATED MAIN LAYOUT DIMENSION AND CLARIFIED OPTIONS FOR APPLICABLE PARTS.  UPDATED 'D4' LAYOUT AND PARTS.	PC	ММ	KA	ММ
01	SEP 2018	GENERAL UPDATES. CHANGED 4" SWEEP AND PULLING TAPE. CHANGED TO NEW DWG. & NUMBERING FORMAT. FOR PREVIOUS REVISIONS REFER TO DU-03-209.2-RO.	SO	PC	AS	PS
Rev No.	Date	Revision Particulars	dwn	ckd	des	арр

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Scale: N.T.S.	Date: (yyyy/mm/dd) 2014/03/20	Pole ID:	

TRENCH DETAIL - SECONDARY SERVICE CABLE FROM UNDERGROUND ALL-IN-DUCT TRENCH TO METER BASE

Drawing No.	Rev.	No.
DU-03-209.2-0501	0	2

A4  $(210 \times 297)$ 

millimetres

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Sheet Number: 2 / 2