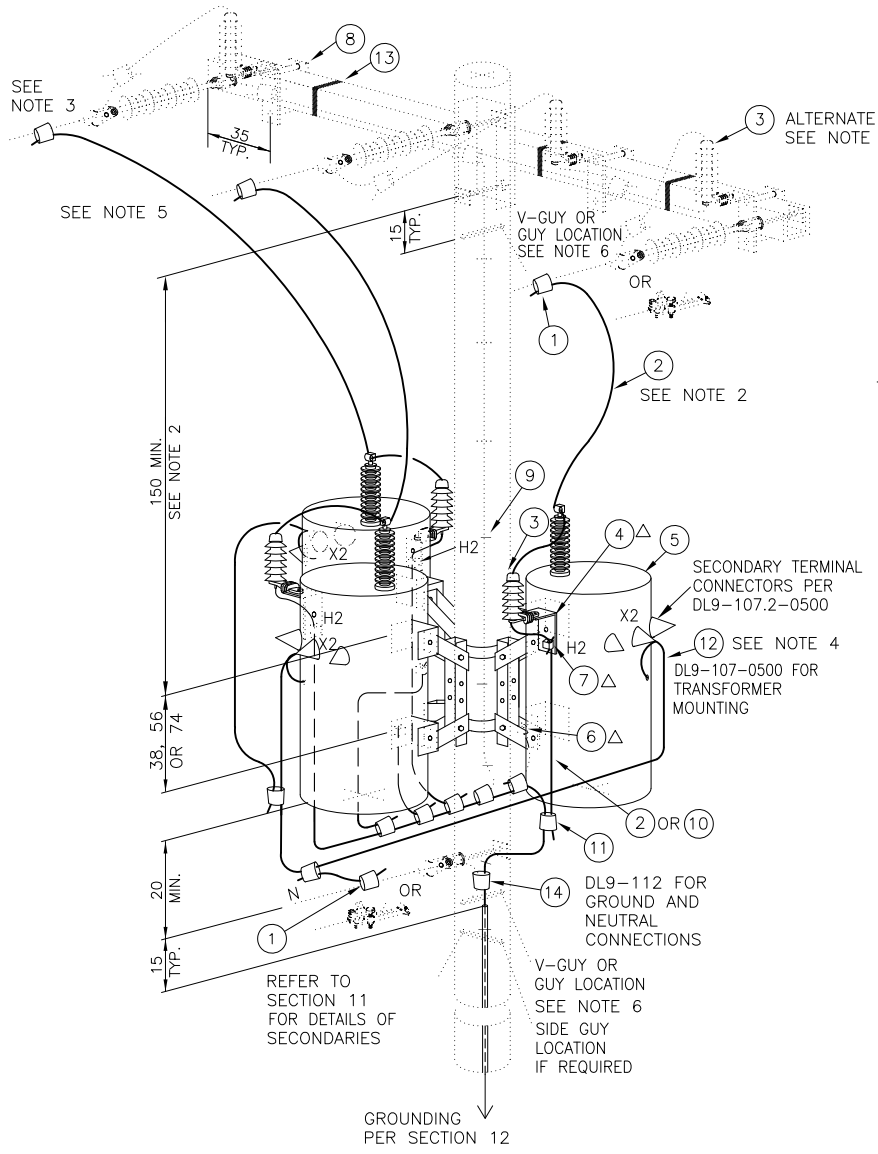

V–GUY OR
GUY LOCATION
SEE NOTE 6

NOTES:

1. WHEN TRANSFORMER DOES NOT HAVE PROVISION FOR ARRESTER MOUNTING, USE ALTERNATE LOCATION.
2. UNSUPPORTED DROPLEADS GREATER THAN 150cm SHOULD BE SUPPORTED BY STANDOFF INSULATOR.
3. FUSE CUTOUTS TO BE LOCATED ON TAP POLE, SEE SECTION 11.
4. FOR DROP LEAD SIZE, SEE TABLE 1, SUB–SECTION 9–1–4.
5. CURRENT LIMITING FUSES (CLF) ARE INSTALLED WHEN THE SYMMETRICAL LINE–TO–GROUND FAULT CURRENT IS ABOVE 3kA. REFER TO TABLE 3 "TRANSFORMERS REQUIRING CURRENT LIMITING FUSE" IN SUB–SECTION 9–1–3. FOR DETAILED INSTALLATION INFORMATION ON A CLF ON A FUSED CUTOUT REFER TO DL9–113–0500.
6. LATERAL GUYING SUPPORT IS REQUIRED. GUYING SUPPORT (WITH GUYING RATIOS REQUIREMENTS PER 75–304 OF THE ONTARIO ELECTRICAL SAFETY CODE (OESC)) CAN BE ACCOMPLISHED WITH:
   - V–GUYING AT BOTH THE CROSSARM AND NEUTRAL LOCATIONS USING TWO SUPPORTING BOLTS 10cm APART PER FIG.5 IN SPECIFICATION 27 OF THE OESC; OR
   - TWO SIDE GUYS ATTACHED ON THE SAME SUPPORTING BOLT MIN. 15cm BELOW THE NEUTRAL GUY LOCATION ONLY IN ADDITION TO THE TYPICAL DEAD–END GUYING AT BOTH THE CROSSARM AND THE NEUTRAL LOCATION.

PARTS LIST

PART No.	MM No.	DESCRIPTION	QTY
1	MM#	CONNECTOR, TAP, WEDGE–TYPE	A/R
2	30014480	CONDUCTOR, BARE, CU, #4	A/R
3	MM#	SURGE ARRESTER	3
4	△	BRACKET, SURGE ARRESTER	3
5	MM#	TRANSFORMER	3
6	△	CONNECTOR, TRANSFORMER TANK, GROUND	3
7	△	CONNECTOR, ARRESTER GROUND	3
8	30000864	BRACKET, CUTOUT/ARRESTER, CROSSARM	A/R
9	30013881	STAPLE, 1–1/2", CONDUCTOR	A/R
10	30034306	CONDUCTOR, CCS, #3 AWG	A/R
11	30007255	CONNECTOR, TAP, WEDGE–TYPE FOR #3 AWG CCS	A/R
12	MM#	DROPLEAD (SEE NOTE 4)	A/R
13	30008065	CABLE TIE, OUTDOOR, 7.6mm x 762mm	A/R
14	MM#	CONNECTOR, TAP, WEDGE–TYPE FOR CCS	A/R

MM# = REFER TO SECTION 16 ONLY | A/R = AS REQUIRED
△ = SUPPLIED WITH EQUIPMENT

ALL DIMENSIONS ARE IN CENTIMETRES
UNLESS STATED OTHERWISE

Rev No.	Date	Revision Particulars	PC	MM	XZ	MM
08	JUN 2026	UPDATED GUYING REQUIREMENTS ON THE LAYOUT AND ADDED NEW NOTE 6 TO CLARIFY THE NEW V–GUYING OR SIDE GUYING REQUIREMENTS.	PC	MM	XZ	MM
07	FEB 2026	UPDATED NOTE #5 TO ALIGN WITH THE UPDATED TABLE 3 NAME IN SUB–SECTION 9–1–3.	PC	DK	DK	MM
Rev No.	Date	Revision Particulars	dwn	ckd	des	app

Drawn By:	Checked By:	Designed By:	Design Approved By:
G.OKLECINSKI			
Scale: N.T.S.	Date: (yyyy/mm/dd) 2009/02/12	Pole ID:	

Title:
3–PH TRANSFORMER INSTALLATION ON CUSTOMER POLE
3ø, 2.4/4.16kV TO 16/27.6kV, 30kVA TO 501kVA

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Drawing No. DL9–104–0500 Rev. No. 08

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

TITLE BLOCK REV 02 – AUGUST 2014