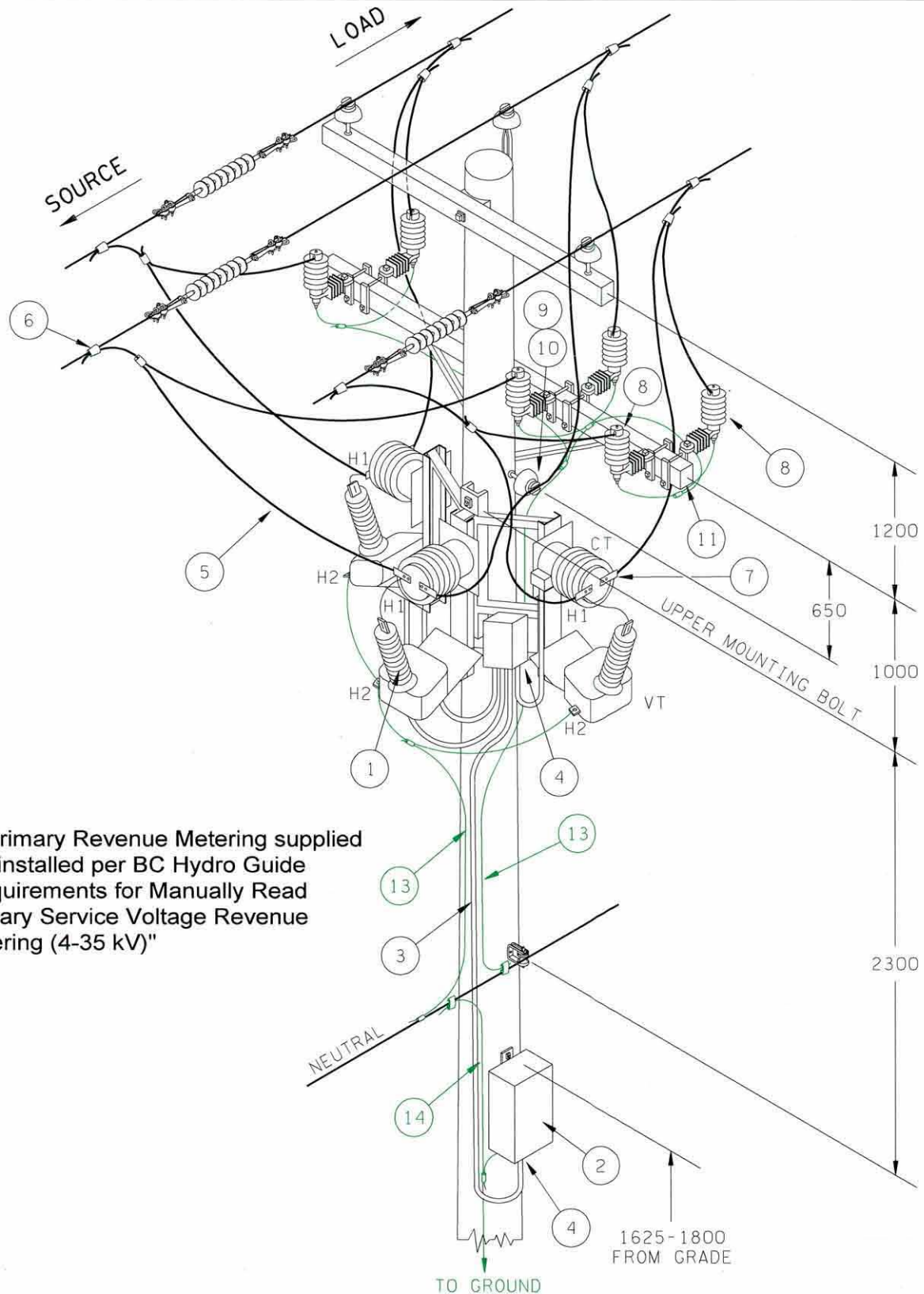




All Primary Revenue Metering supplied and installed per BC Hydro Guide "Requirements for Manually Read Primary Service Voltage Revenue Metering (4-35 kV)"

DRAFTER: DM

DESIGNER

M. KELVIN

RECOMMENDED

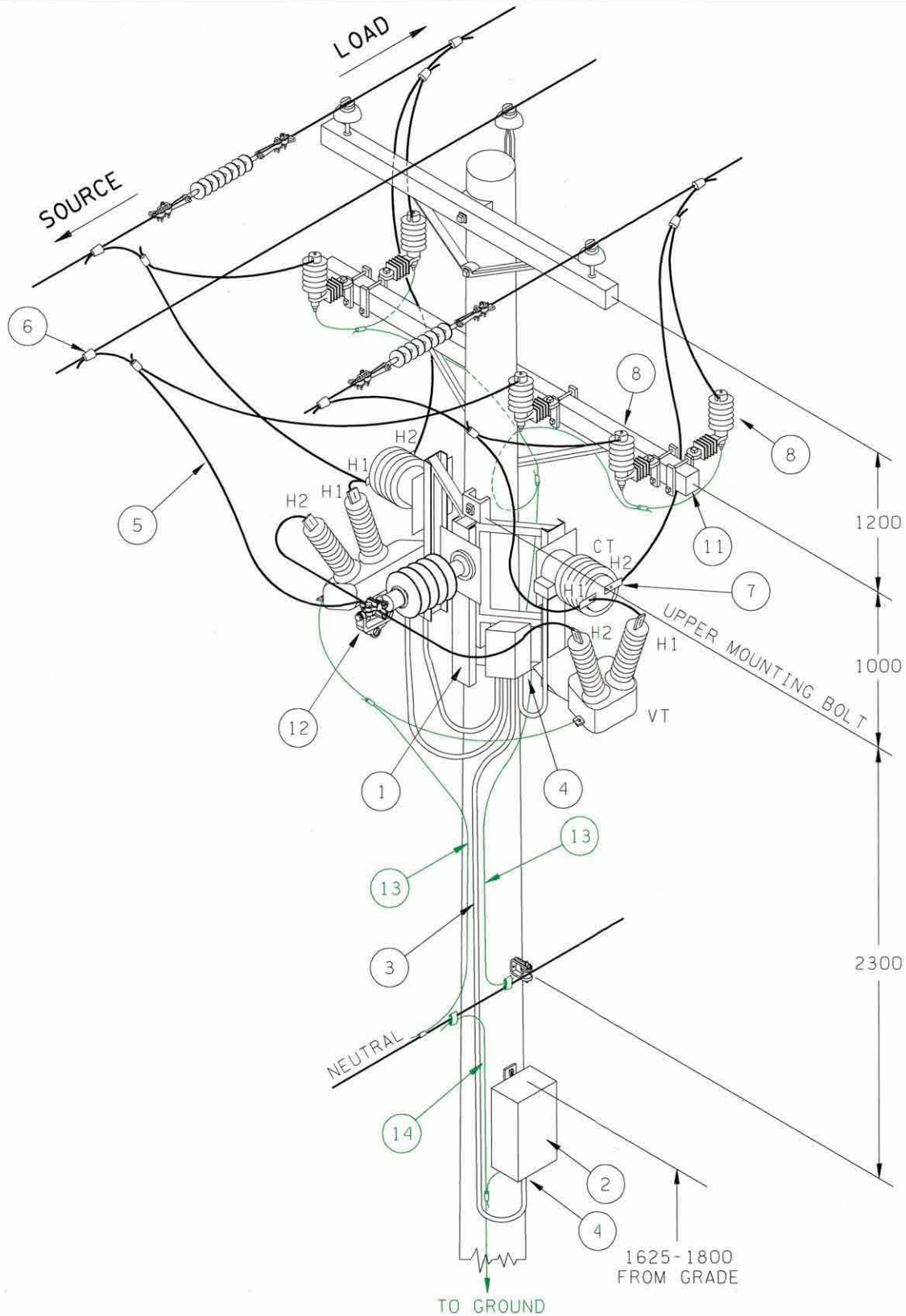
C. PICASSI

APPROVED

F. DENNERT

ORIGINAL ISSUE DATE: JULY 1998

PRIMARY REVENUE METERING THREE PHASE FOUR WIRE



DRAFTER: DM/DC

DESIGNER

M. Kelvin
M. KELVIN

RECOMMENDED

C. Picasso
C. PICASSI

APPROVED

F. Dehnert
F. DEHNERT

ORIGINAL ISSUE DATE: JULY 1998

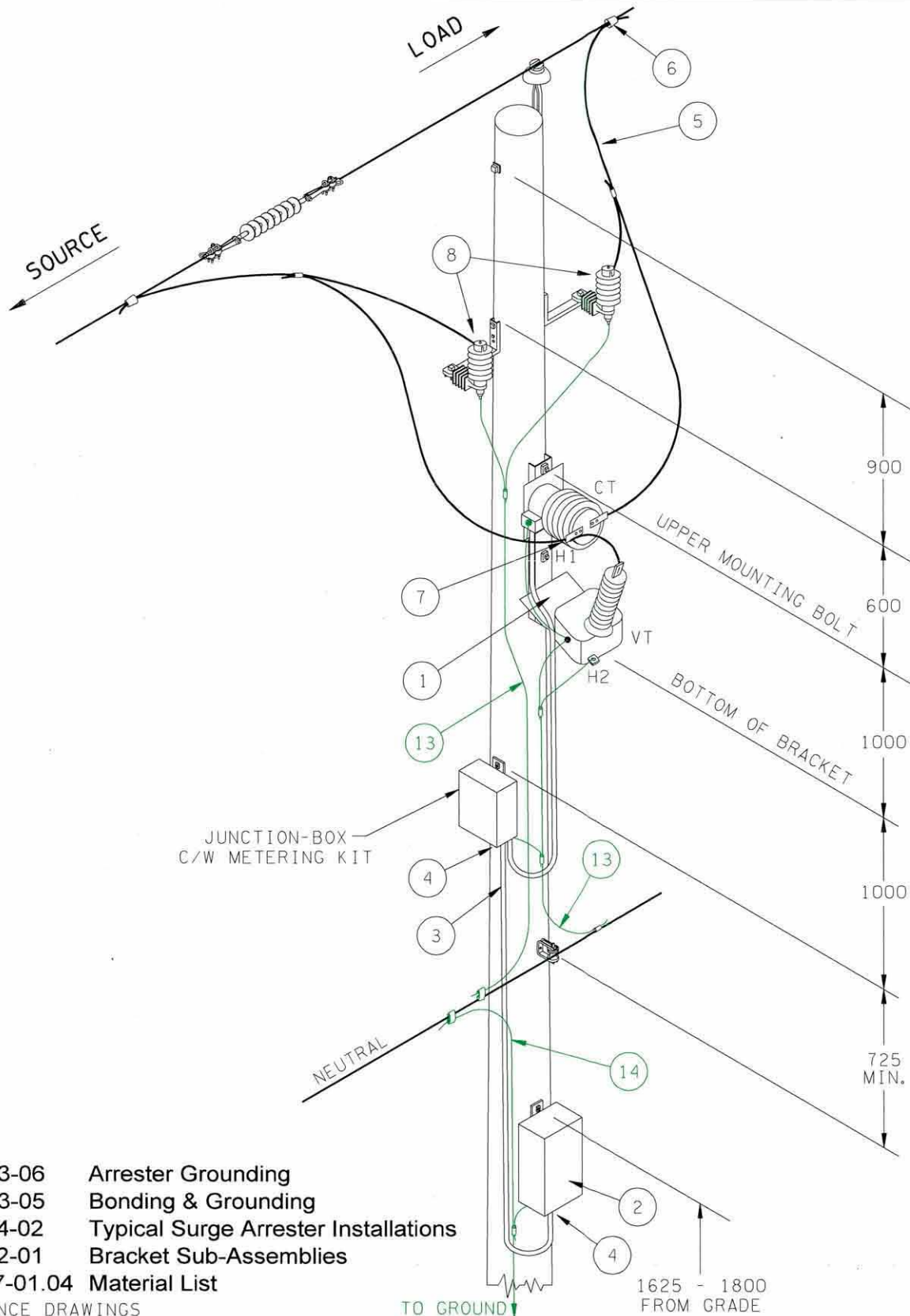
PRIMARY REVENUE METERING THREE PHASE THREE WIRE

BChydro  DISTRIBUTION STANDARDS

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R. 3



ES43 R3-06 Arrester Grounding
 ES43 R3-05 Bonding & Grounding
 ES43 K4-02 Typical Surge Arrester Installations
 ES43 K2-01 Bracket Sub-Assemblies
 ES43 J7-01.04 Material List

REFERENCE DRAWINGS

PRIMARY REVENUE METERING SINGLE PHASE

DESIGNER
M. KELVIN

RECOMMENDED
C. PICASSI

APPROVED
F. DENNERT

ORIGINAL ISSUE DATE: DECEMBER 1998

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R. 3

DRAFTER: DM/DC

ITEM #	DESCRIPTION	STOCK NO.	QUANTITY
1	METERING KIT 25kV class, 3Ph., 4 wire, VT: 14,400-120, CT: 10-5 25kV class, 3Ph., 4 wire, VT: 14,400-120, CT: 25-5 25kV class, 3Ph., 4 wire, VT: 14,400-120, CT: 50-5 25kV class, 3Ph., 4 wire, VT: 14,400-120, CT: 100-5 25kV class, 3Ph., 4 wire, VT: 14,400-120, CT: 200-5 25kV class, 3Ph., 4 wire, VT: 14,400-120, CT: 300-5 25kV class, 3Ph., 4 wire, VT: 14,400-120, CT: 400-5 15kV class, 3Ph., 4 wire, VT: 7,200-120, CT: 10-5 15kV class, 3Ph., 4 wire, VT: 7,200-120, CT: 25-5 15kV class, 3Ph., 4 wire, VT: 7,200-120, CT: 50-5 15kV class, 3Ph., 4 wire, VT: 7,200-120, CT: 100-5 15kV class, 3Ph., 4 wire, VT: 7,200-120, CT: 200-5 15kV class, 3Ph., 4 wire, VT: 7,200-120, CT: 300-5 15kV class, 3Ph., 4 wire, VT: 7,200-120, CT: 400-5 15kV class, 3Ph., 3 wire, VT: 12,500-120, CT: 400-5 25kV class, 1Ph., 2 wire, VT: 14,400-120, CT: 10-5 25kV class, 1Ph., 2 wire, VT: 14,400-120, CT: 25-5 15kV class, 1Ph., 2 wire, VT: 7,200-120, CT: 10-5 15kV class, 1Ph., 2 wire, VT: 7,200-120, CT: 25-5	362-6037 362-6330 362-6039 362-6031 362-6032 362-6033 362-6034 362-5037 362-5330 362-5039 362-5031 362-5032 362-5033 362-5034 Contact RMSM 362-6117 362-6110 362-5117 362-5110	1
2	METER CABINET	372-9204	1
3	TECK CABLE 11 conductor, for 3 ph 4 conductor, for 1 ph	380-4545 380-4555	10m
4	CABLE FITTING 11 conductor, for 3 ph 4 conductor, for 1 ph	390-1125 390-1122	2
5	POLYETHYLENE COVERED CONDUCTOR 200 amps and less: #2 Cu 201 to 400amps: 4/0 Cu	380-0256 380-0261	As required
6	AMPACT CONNECTORS #2 ACSR TO #2 Cu 366.4 ASC TO 4/0 Cu	388-0531 388-0825	3 Ph 1 Ph 9 3
7	COMPRESSION SPADE CONNECTORS #2 Cu 4/0 Cu	388-1030 388-1035	3 Ph 1 Ph 6 2
8	SURGE ARRESTERS 9kV rating, for 7.2 / 12.5kV system 18kV rating, for 14.4 / 25kV system	351-0013 351-0016	3 Ph 1 Ph 6 2
9	PIN INSULATOR 14.4 / 25kV	410-0649	1
10	DROP LEAD INSULATOR PIN	421-0311	1
11	9' CROSS ARM	421-0022	1
12	INSULATOR, HORIZONTAL LINE POST, 25kV	410-0681	1
13	#4 AWG PE COVERED Cu CONDUCTOR	380-5051	As required
14	THEFT DETERRENT GROUNDING WIRE	96006427	As required

DRAFTER: DM	DESIGNER  M. KELVIN	RECOMMENDED  C. PICASSI	APPROVED  F. DENNER	PRIMARY REVENUE METERING BILL OF MATERIAL		
	ORIGINAL ISSUE DATE: JUNE 2001					
	BChydro  DISTRIBUTION STANDARDS			PAGE 4 OF 4	ES43 J7-01.04	R. 3