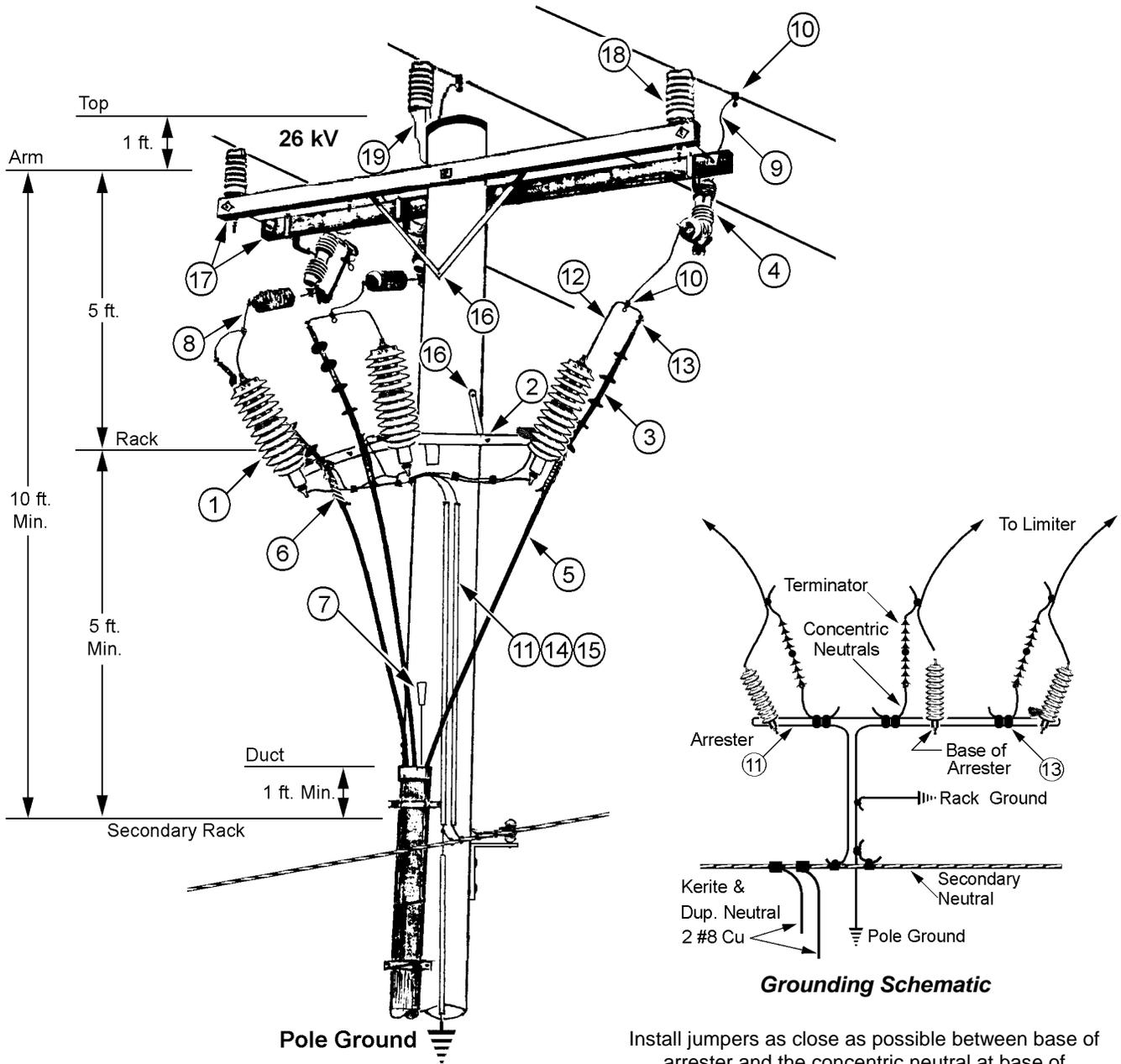
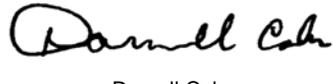


POLE TERMINATION, 3Ø 26 kV DISTRIBUTION - METAL OXIDE ARRESTER, #1/0 28 kV XLP, 2/C & #8 KERITE

Note: Use this Construction Guideline where fault duty is 40,000 A or less. Current limiting fuses protect the surge arresters which have a minimum fault-withstand rating of 20,000 A rms symmetrical.



Install jumpers as close as possible between base of arrester and the concentric neutral at base of terminator.

Standards Coordinator	Standards Supervisor	Unit Director
 Yaochiem Chao	 John Shipek	 Darnell Cola

CONSTRUCTION GUIDELINE**Material List**

Item	Quantity	Description	Stock No.
1	3	Arrester, Surge, 17 kV MCOV	680115
2	1	Bracket, Terminator and Arrester Mounting	686835
	1	Bolt, Machine, Galvanized 5/8" x L	780838 E to 780846 E
	4	Screw, Lag, 1/2" x 6"	785265 E
3		Terminator, 27 kV	
	3	1/0 Solid, XLPE 2/C, Cold Shrink	686532
	3	Connector, Pigtail, 1/0 Solid	686056
	3	#8 Kerite, Cold Shrink	686531
	3	Connector, Pigtail, #8	686076
4	3	Cutout, 27 kV, Polymer	013739
	3	Bracket, Cutout Mounting, Crossarm	682097
	3	Fuse Link, K Rated	per DU11-1
	3	Fault Limiter	per DU11-1
5	As Req'd	Cable, 28 kV	
		1/0 XLPE 2/C	602025
		#8 Kerite, w/ 2-#8 Neutral (60 Amp)	623650
6	3	Bracket, Cable Terminator Support	563221
7	1	Bracket and J-Bolt, Cable Grip Support	780127
	1	Grip, Support, Single Eye, 2" x 2-1/2"	763555
	1	Screw, Lag, 1/2" x 6"	785265 E
	1	Washer, Round, Galvanized 1/2" (Contractor furnished and installed.)	585025 E
8	24 ft.	Wire, #2 Cu, Solid, Poly Insulated, MHD	611390
9	30 ft.	Wire, #4 Cu, Solid, Bare, Soft Drawn	610208
10	3	Clamp, Hot Line, Copper	
		2/0 to #8	580725 E
		400 to #6	580727
		Stirrup for Aluminum (For Al-Cu, see D14-6.)	
		397.5 to 954	580678
11	45 ft.	Wire, #4 Cu, Solid, Poly Insulated, Soft Drawn	611442
12	10 ft.	Wire, #2 Cu, Solid, Bare, Hard Drawn	610006
13	0 to 5	Connector, Copper to Copper, Crimpet	
		#4 to #4	677323 E
		#2 to #2	677326 E
	9 to 14	Connector, Two Bolt, #2 to #10	669379 E
	0 to 2	Connector, Aluminum to Copper	
		Ampact (See Guideline D14-1 for sizes and ranges.)	651090 to 651109
14	40 ft.	Moulding, Plastic (Furnished and installed by contractor.)	582060 E
15	12	Staples, Moulding, 5/8" x 2-1/4"	583200 E
16	See Item 2	Screw, Lag, 1/2" x 6"	785265 E
17	2	Crossarm	540220
18	3	Insulator	690157
19	1	Bracket, Pole Top	563253