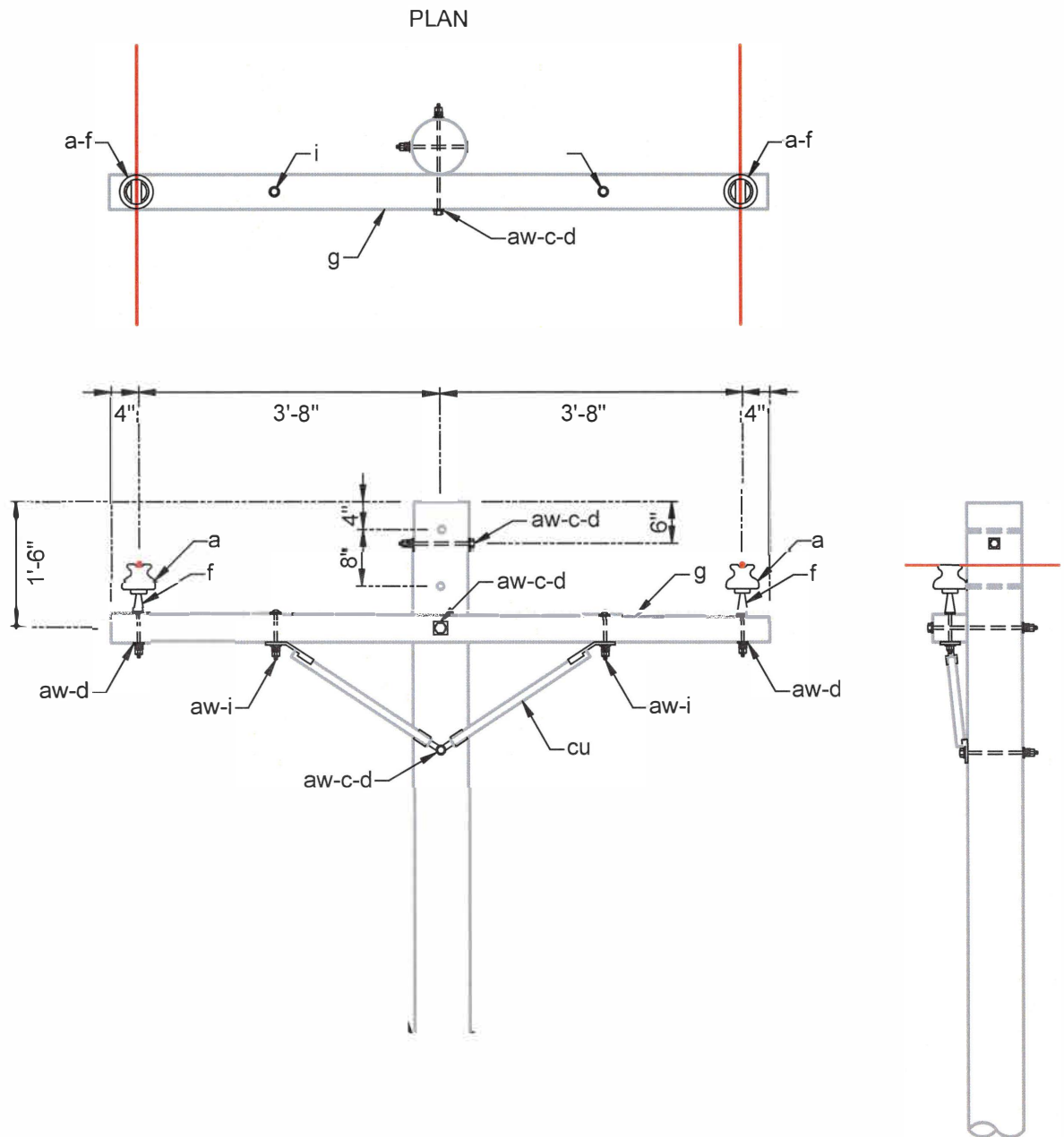




ITEM	No.	MATERIAL	ITEM	No.	MATERIAL
a	2	Insulator, pin type	i	2	Bolt, carriage, 1/2" x 6"
aw	7	Spring washer			
c	3	Bolt, machine, 5/8" x required length			
cm	1	Spool insulator			
cu	2	Brace, wood, 36", medium duty			
d	7	Washer, square 2-1/4"			
f	2	Pin, crossman, steel			
g	1	Crossarm			

DESIGN LIMITS

Max. transverse load: 500 lbs. per conductor.

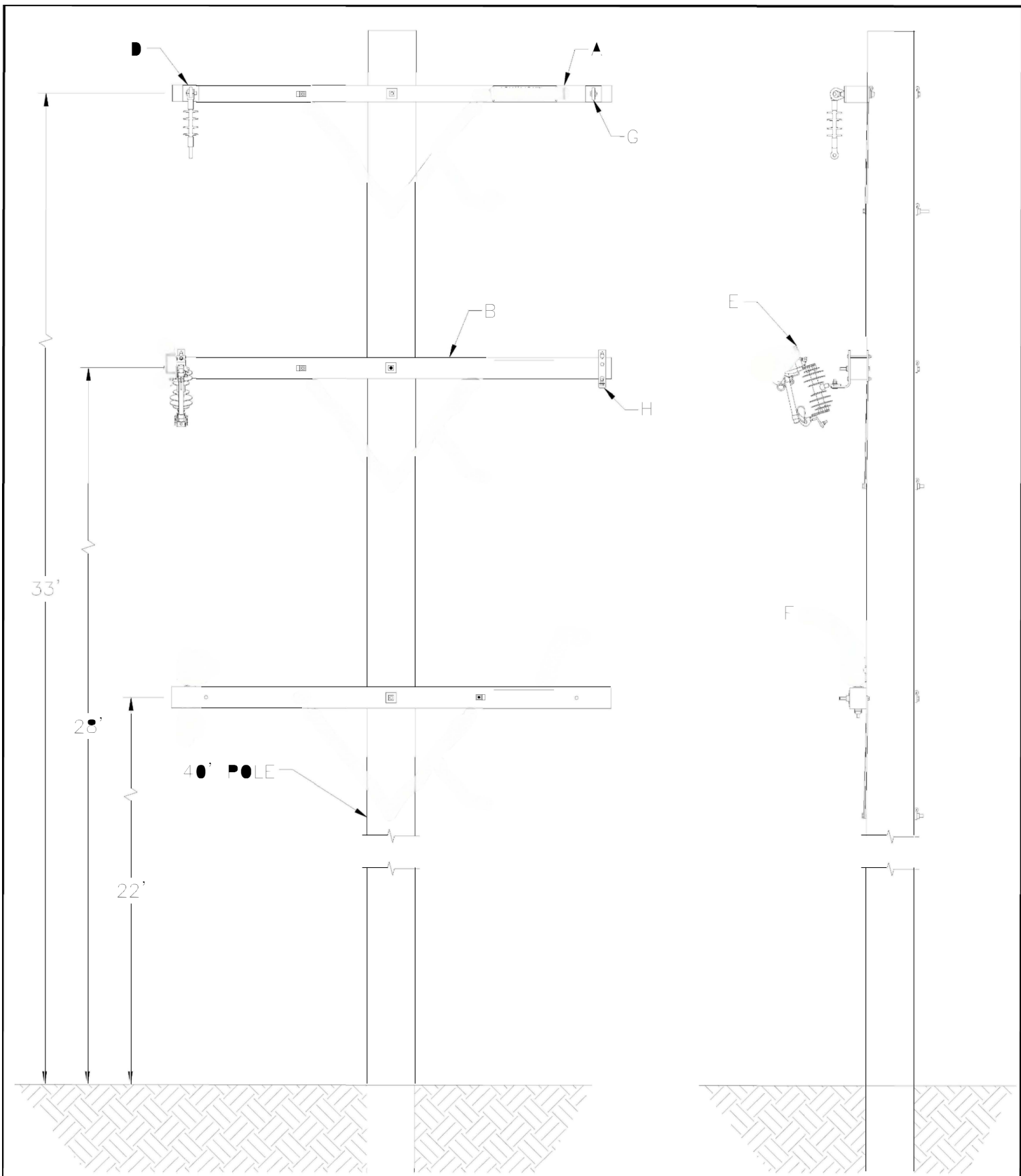
Max. line angle within load limits: 5°

12.5/7.2 kV PRIMARY, 2-PHASE
CROSSARM CONSTRUCTION
SINGLE PRIMARY SUPPORT

Hurtman Rescue

MMUA
Minnesota Municipal Utilities Association

Minnesota Rodeo



LETTER	QTY	ITEM
A	1	CROSSARM, 8 FT PUP
	2	BOLT, CROSSARM, 5/8 IN X LENGTH REQUIRED
	2	WASHER, SQUARE, 2-1/4 IN, 5/8 IN HOLE

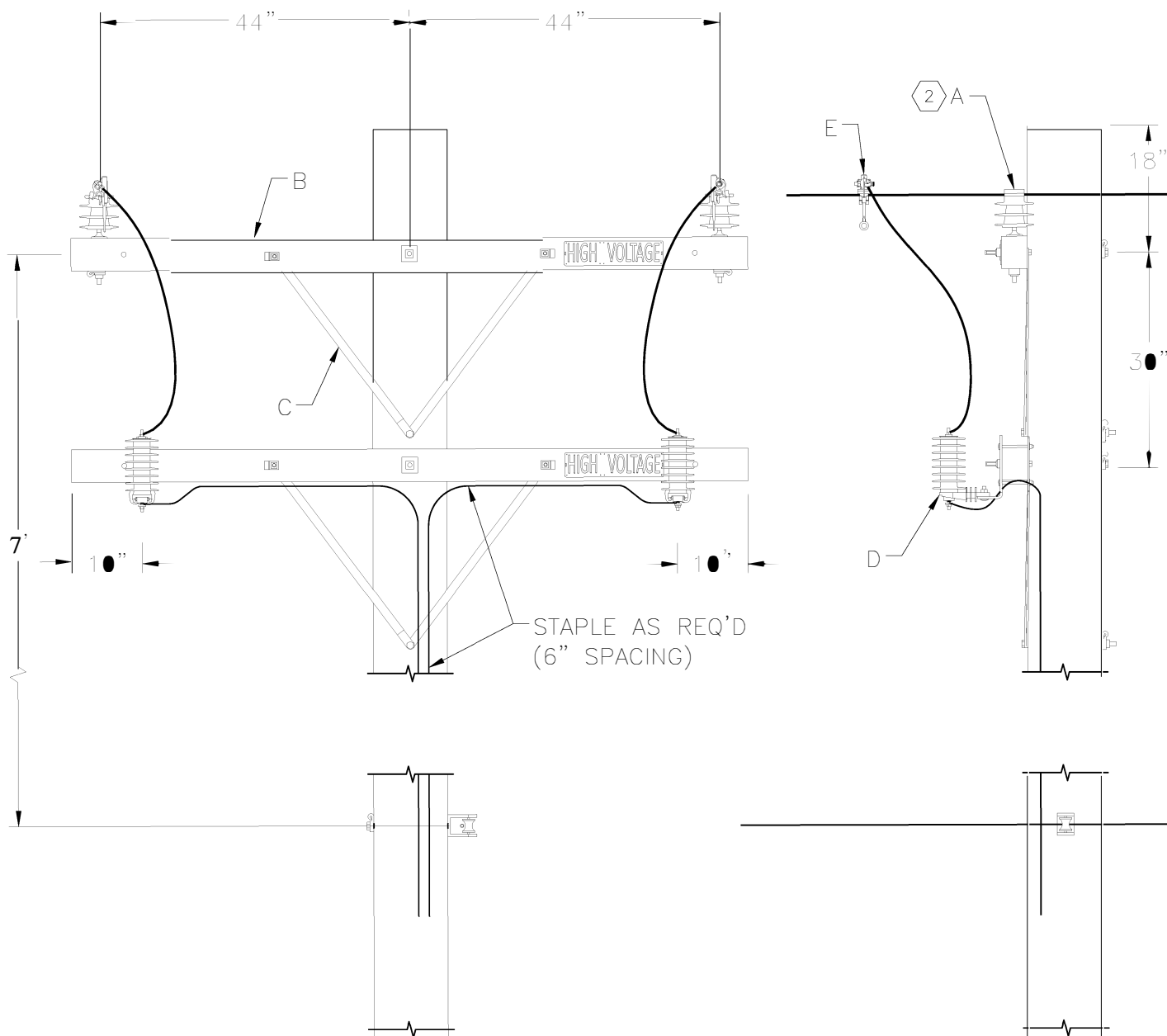
D	1	INSULATOR, DEADEND, SUSPENSION
	1	CLAMP, DEADEND, NO.6 – 2/0 ACSR
	1	WASHER, SPRING, 5/8”
	1	BOLT, EYE, 5/8 IN X 6 IN

E	1	CUTOUT, FUSED 100 AMP, 7.8/15KV, DROPOUT
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F	1	INSULATOR, PIN TYPE, 12KV POLYMER, HENDRIX HPI-55-4
	1	INSULATOR PIN, 5/8 IN NYLON HEAD
	1	WASHER, SPRING, 5/8 IN

G	1	BOLT, SHOULDER EYE, 5/8 IN X 6 IN
	1	WASHER, SPRING, 5/8 IN

H	1	L BRACKET FOR CUTOUT
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LETTER	QTY	ITEM
A	2	INSULATOR, PIN TYPE, 12KV POLYMER, HEIDRIX HPI-55-4
	2	INSULATOR PIN, 5/8 IN NYLON HEAD
	2	WASHER, SPRING, 5/8 IN
	45'	WIRE, ALUMINIUM, 110.4, TIE WIRE
B	2	CROSSARM, 8 FT STD, TANGENT ARM, SPEC-90
	2	BOLT, CROSSARM, 5/8 IN X 20 IN (OR FIT LENGTH REQUIRED)
	2	WASHER, SPRING, 5/8"
	2	WASHER, SQUARE, 2-1/4 IN, 5/8 IN HOLE
C	4	CROSSARM BRACE, FLAT, 32 IN
	4	BOLT, CARRIAGE, 3/8 IN x 6 IN
	2	BOLT, CROSSARM, 1/2 IN x 10 IN
	2	WASHER, SPRING, 1/2 IN
D	2	ARRESTOR, ABB 10KV SURGE ARRESTOR
E	2	CONNECTOR, HOT LINE TAP, #2