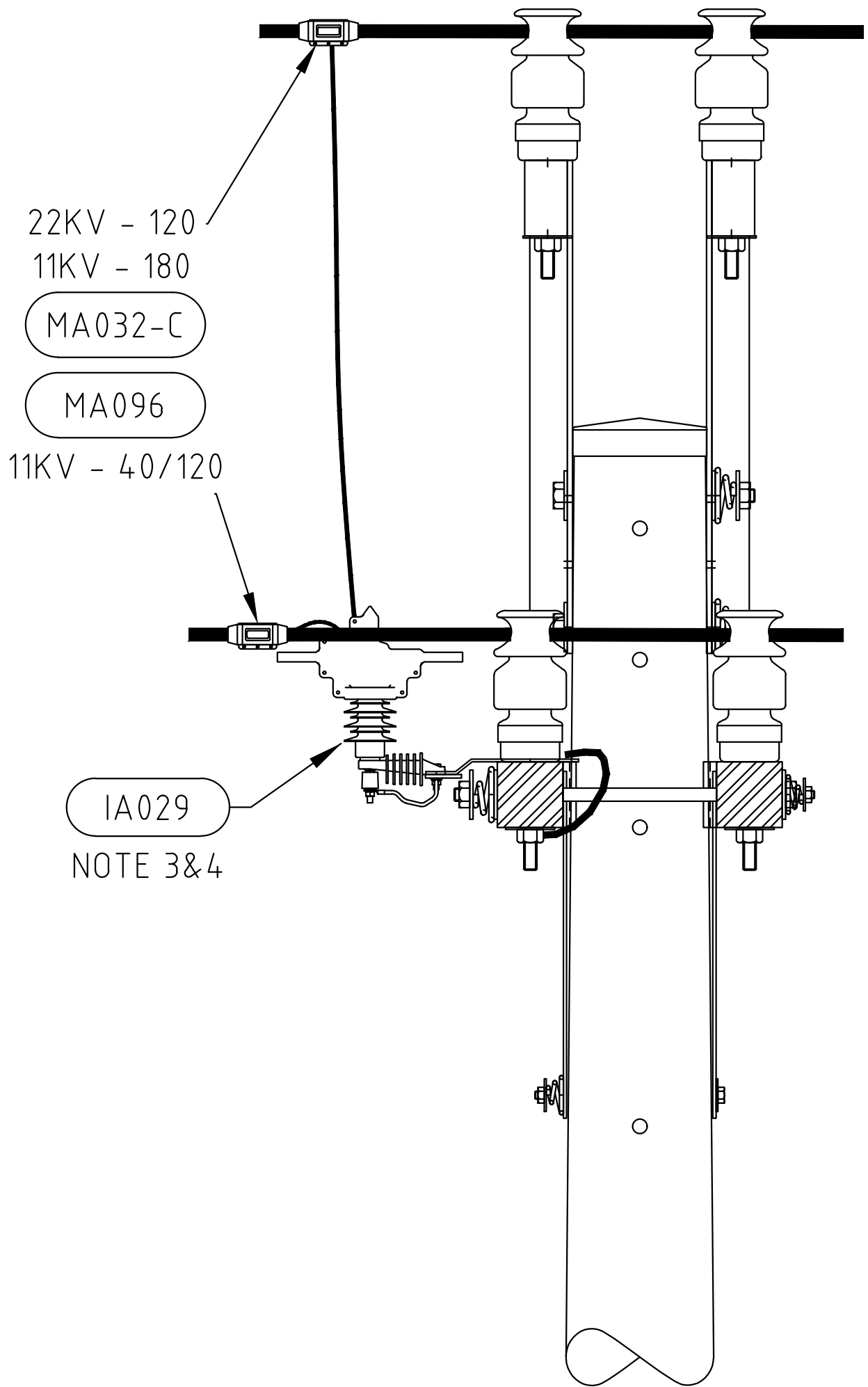
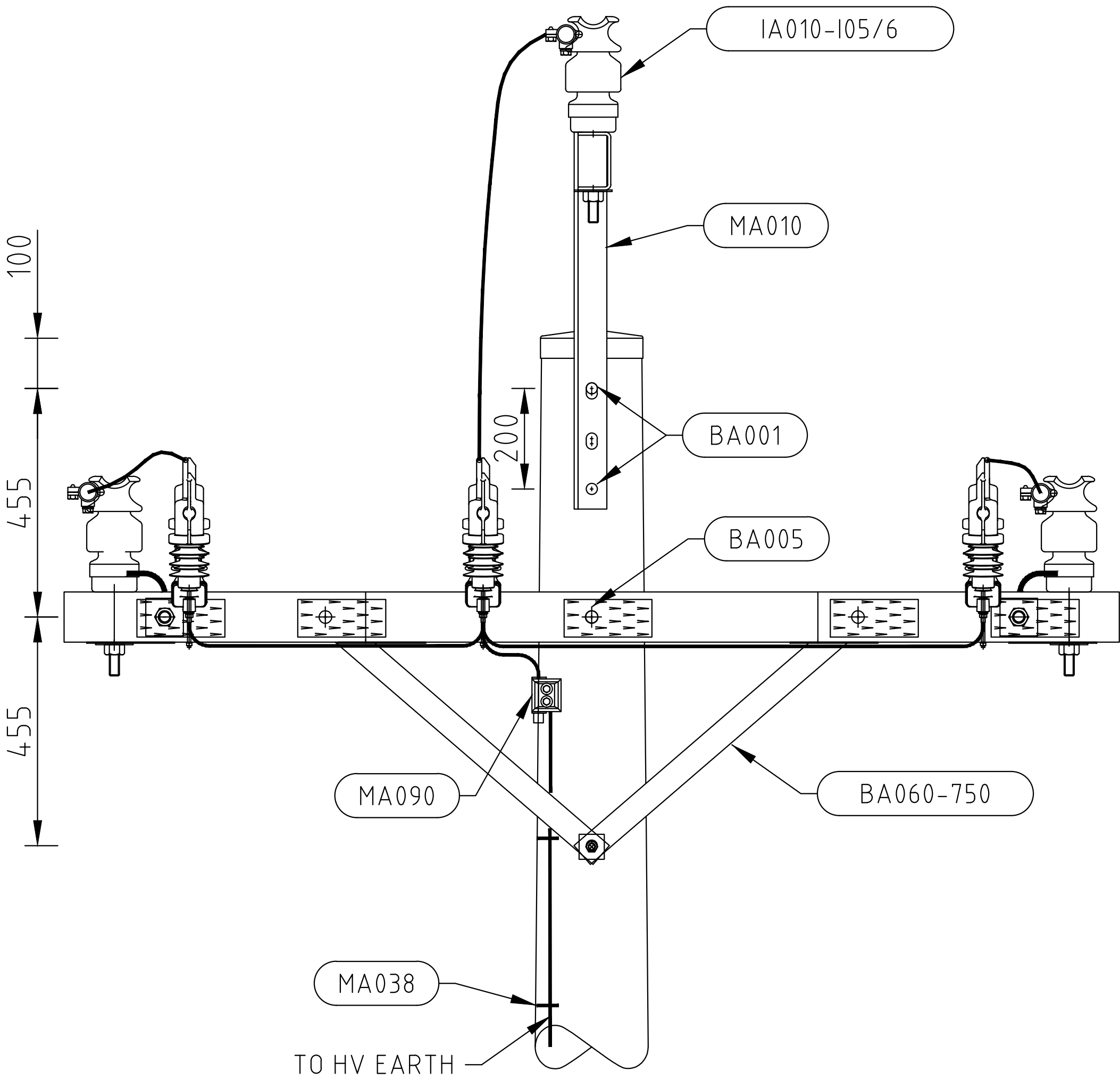
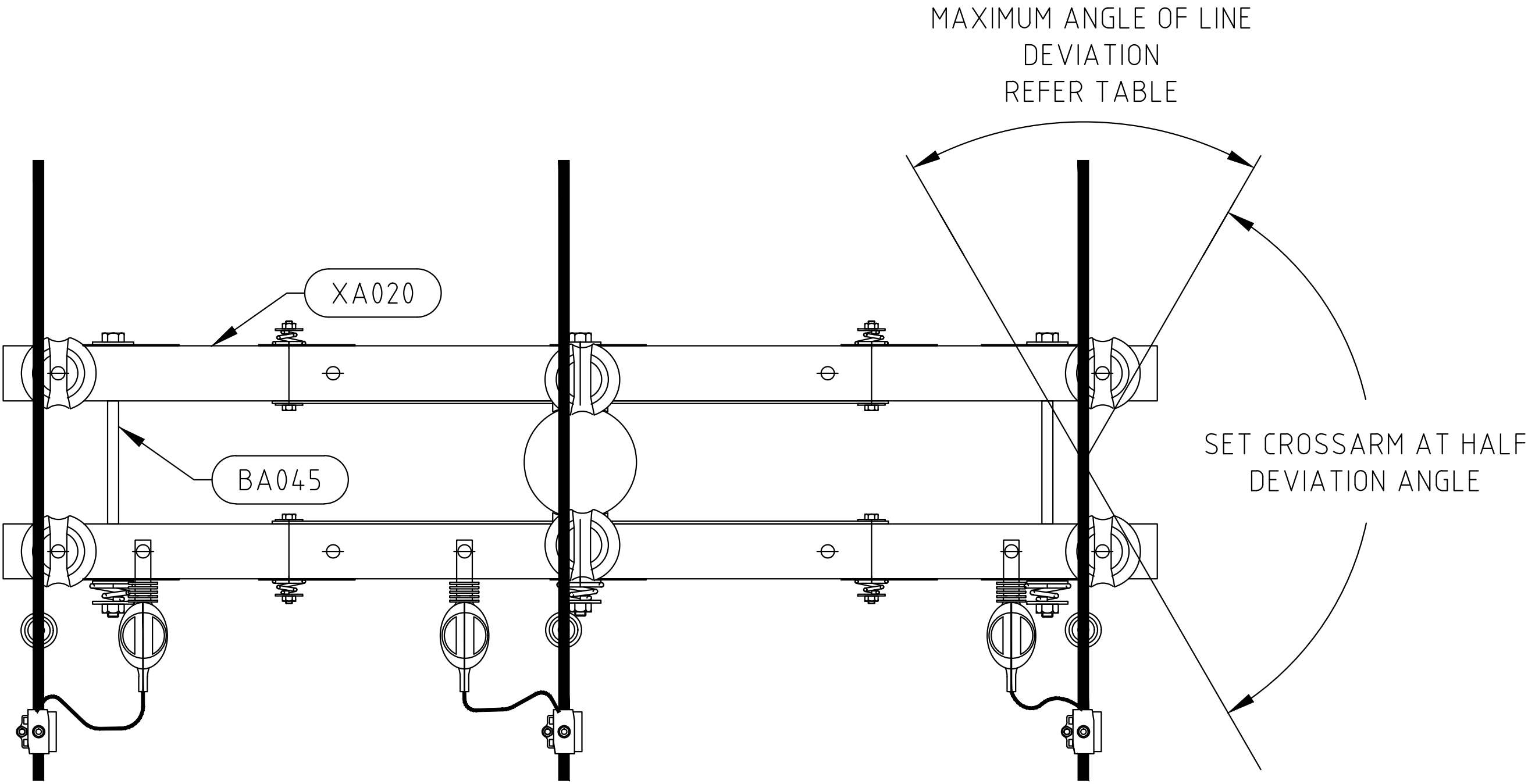


NOTE

- 1) MAXIMUM SPAN LENGTH IS FOR HV CONSTRUCTION ONLY.
WHEN COMPOSITE CONSTRUCTION IS REQUIRED, LV SPAN MAY LIMIT MAXIMUM SPAN LENGTH.
- 2) USE PREFORM TIE WITH THE CONDUCTOR POSITIONED ON THE OPPOSITE SIDE TO THE LOAD DIRECTION.
- 3) IF SURGE ARRESTOR IS REQUIRED USE OPTION C.
- 4) EARTHING TO BE IN ACCORDANCE WITH EDI006.



ITEM	QTY	DESCRIPTION	REMARKS
BA001	2	BOLT 20MM (POLE)	
BA005	1	BOLT 20MM (POLE+DOUBLE XARMS)	
BA045	2	BOLT 20MM (DOUBLE XARM)	
BA060-750	2	BRACE CROSSARM STD 750mm	
IA010-105/6	6	INS. LONG PIN (CCT 11/22kV)	NOTE 2
MA010	2	BRACKET RAISER 750mm	
XA020	2	CROSSARM HV STD 2100x100x100	
OPTION 'C' - SURGE ARRESTOR			
IA029	3	SURGE ARRESTOR + IPC.	NOTE 3&4
MA038	A/R	CABLE SADDLE/SUPPORT + INS	
MA090	2	IPC INS. TO INS. EARTH CONN.	NOTE 3&4
MA096	3	IPC 11kV 40-120mm ²	11/40-120
MA032-C	3	CLAMP PG 2 BOLT + COVER	22/120, 11/180

LIMITS OF CONSTRUCTION				
MAX. ANGLE OF LINE DEVIATION	MAXIMUM CONDUCTOR SIZE - STRINGING TABLE - SPAN LENGTH			
	11kV 80MM CCT	11kV 120MM CCT	11kV 180MM CCT	22kV 120MM CCT
30°	-----	CCT19 -180	-----	-----
35°	-----	-----	CCT24 -130	-----
40°	CCT13 -180	-----	-----	-----
50°	-----	CCT18 -130	-----	CCT08 -130
60°	CCT11 -60	CCT17 -60	CCT23 -60	CCT07 -60
60°	CCT12 -130	-----	-----	-----

AMENDMENTS					
JOB No	DESIGNER	DRN	CHK	DATE	APPROVED
C					
HISTORY					
REVISION A ORIGINAL ISSUE.					
REVISION B NOTE 2 AMENDED. ITEM IA090 IN TABLE CHANGED TO MA090. CONDUCTOR POSITION NOW AT SIDE OF INSULATOR.					
REVISION C REMOVED CLAH & REPLACED WITH SURGE ARRESTOR.					

ORIGINAL SCALE		APPROVED G.FORD	
DESIGNED	G.FORD	DATE	22.04.09
DRAWN	G.FORD		
CHECKED	G.FORD		

		REFERENCE DRAWINGS	
DO NOT SCALE DIMENSIONS IN MILLIMETRES		AUTHORISED/CERTIFIED W.ISLEY	
OVERHEAD 11-22KV CCT CONST. No C22 PIN INSULATOR THROUGH MAINS (DELTA) DOUBLE CROSSARM WITH OR WITHOUT SURGE ARRESTOR		SUBSTATION DESIGN MANAGER	22.04.09
A2		332028	
		SHEET No 1 OF 1 SHEETS	