

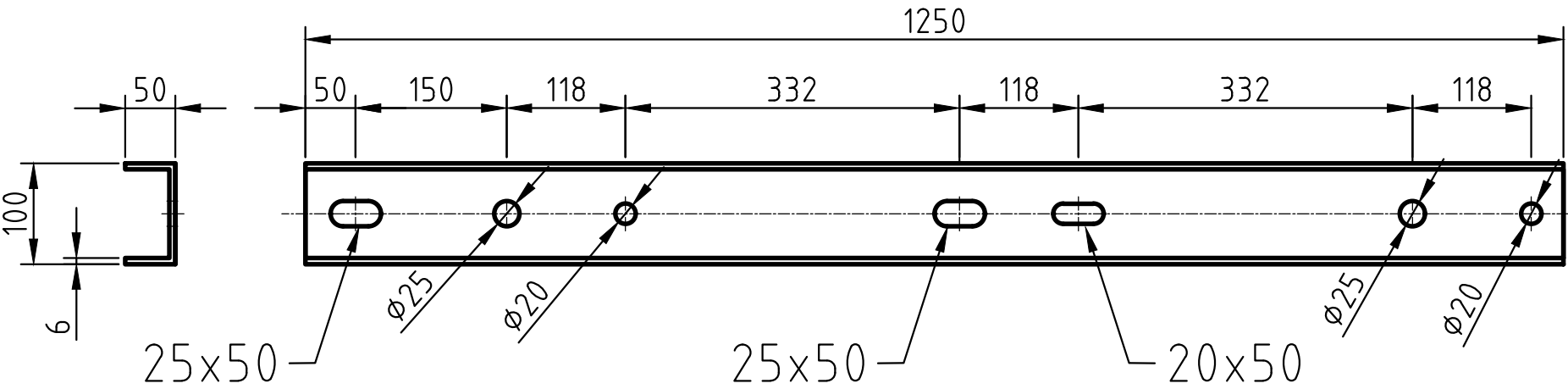
NOTE

- 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 IN UPPER INSULATOR NECK..
- 3) IF SURGE ARRESTOR IS REQUIRED USE OPTION C.
- 4) EARTHING TO BE IN ACCORDANCE WITH EDI006.

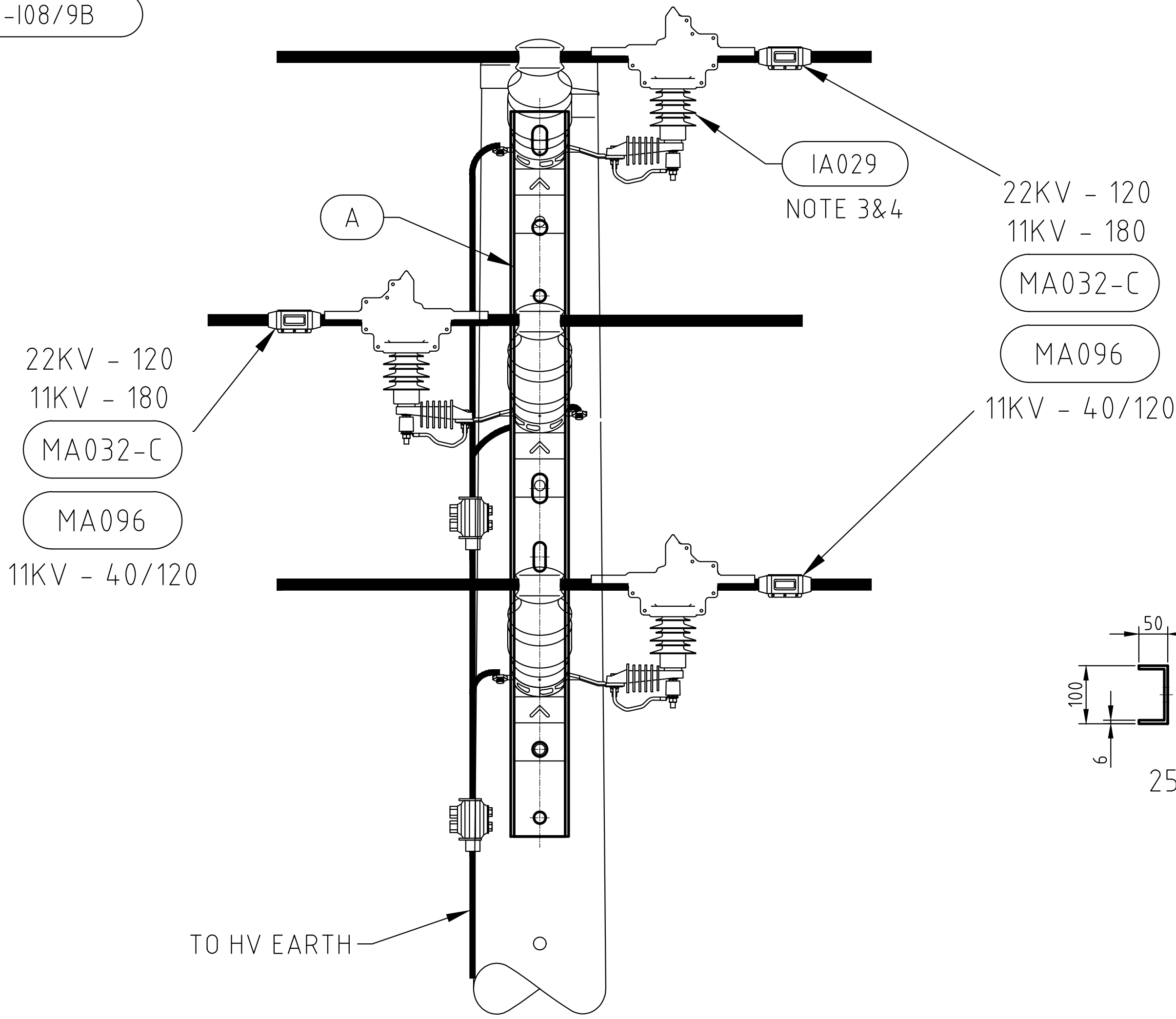
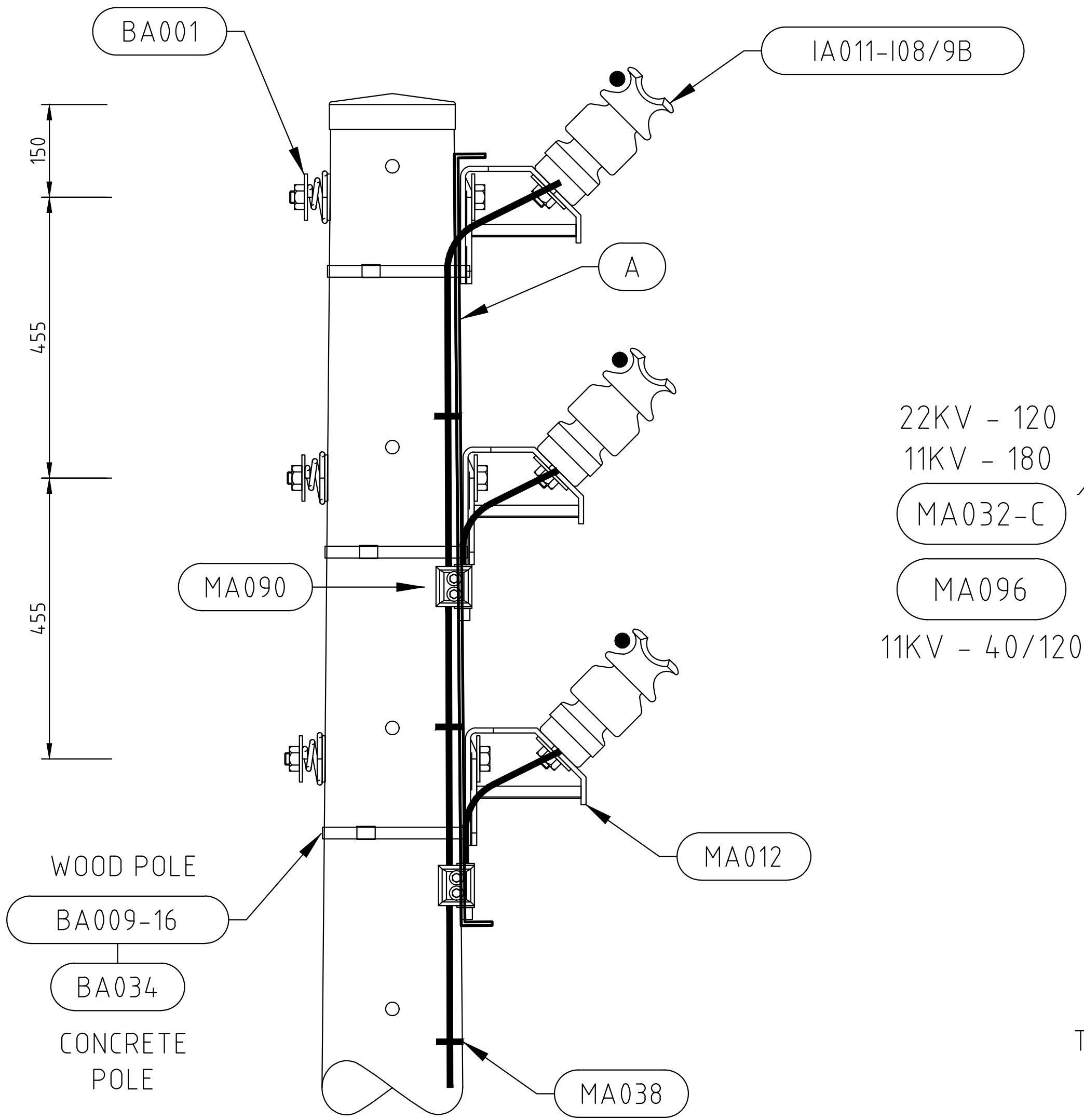
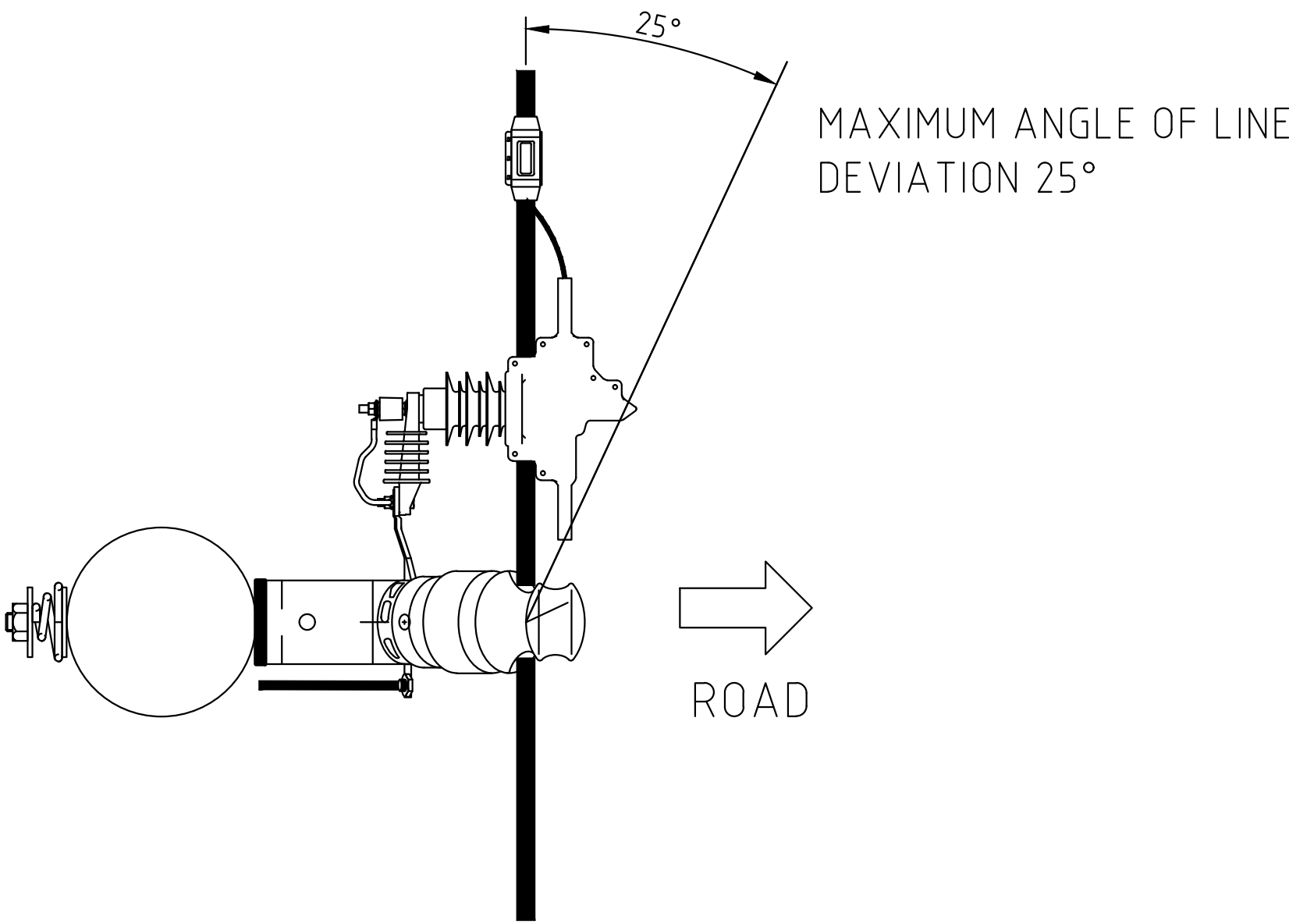
ITEM	QTY	DESCRIPTION	REMARKS
BA001	3	BOLT 20MM (POLE)	
BA009-16	3	BOLT 16MM (POLE+BRACKET)	IF WOOD
BA034	3	STRAP BANDIT TYPE	IF CONC.
IA011-108/9B	3	INSULATOR ASS. PIN 11/22kV	
MA012	3	BRACKET INS. ANGLED 45°	
-	1	MOUNTING BRACKET	(ITEM A)

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
5°	-----	CCT19 -180	CCT24 -130	-----
15°	CCT13 -180	-----	-----	-----
20°	-----	CCT18 -130	-----	-----
25°	CCT12 -130	CCT17 -60	CCT23 -60	CCT07 -60
25°	CCT11 -60	-----	-----	CCT08 -130



ITEM 'A' DETAIL
MOUNTING BRACKET
NTS



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.
REVISION C	REMOVED CLAH & REPLACED WITH SURGE ARRESTOR.

DO NOT SCALE
DIMENSIONS IN MILLIMETRES

AUTHORISED/CERTIFIED
W.ISLEY

SUBSTATION DESIGN MANAGER
22.04.09

DESIGNED
G.FORD

DRAWN
G.FORD

CHECKED
G.FORD

DATE
22.04.09

OVERHEAD 11-22kV CCT CONST No C21-V
THROUGH SUSPENSION (VERTICAL)
ARRANGEMENT WITH OR WITHOUT SURGE ARRESTOR

A2

332027

SHEET No 1 OF 1 SHEETS