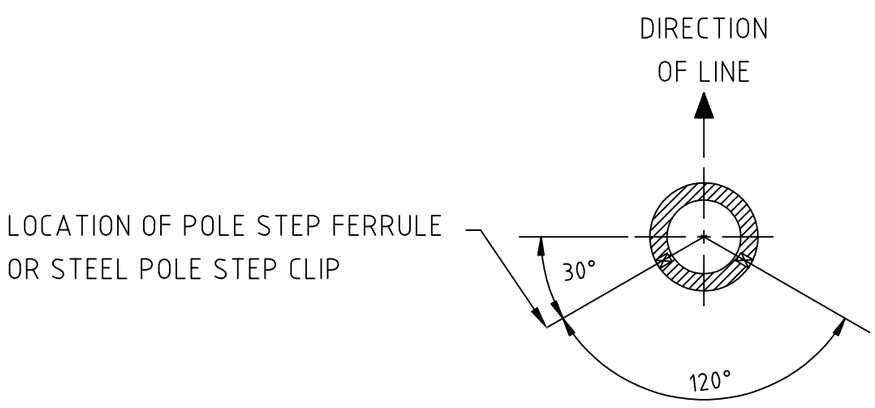
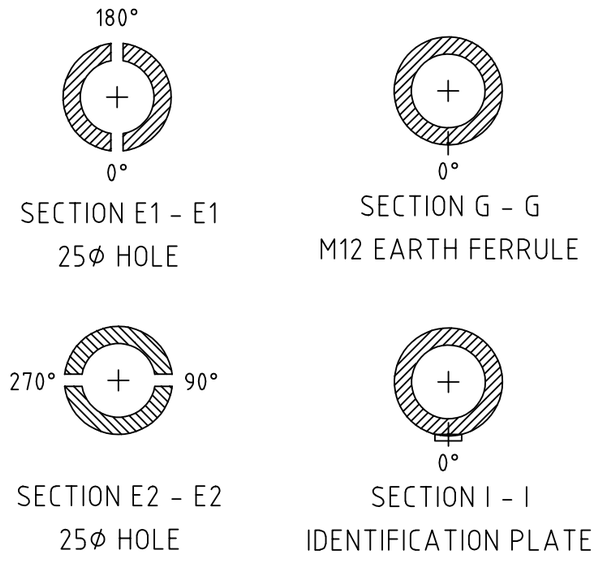
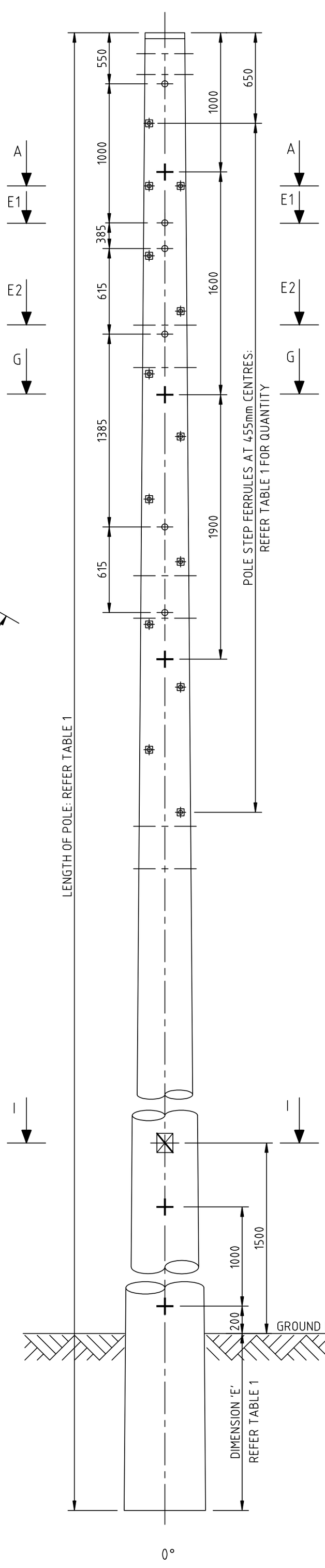
AMENDMENTS	
A	ORIGINAL ISSUE
Job No.	CA104907
B DR'N	M.C.
B CH'D	R.L.
B DATE	09-03-10
B JR No	N/A
REVISED TO ALIGN POLE STEP SPACING WITH DISTRIBUTION STANDARD.	
DSM	J.B.
C DR'N	S.F.
C CH'D	E.W.
C DATE	27-09-24
C JR No	N/A
ADD ONE HOLE FERRULE. TWO EARTHING FERRULE RELOCATED. NOTES UPDATED. CONSTRUCTION TOLERANCE TABLE DELETED. TABLE 1 UPDATED. SECTIONS ADDED.	
EDM	K.S.
D DR'N	S.F.
D CH'D	E.W.
D DATE	05-12-24
D JR No	N/A
NOTES 5-7 ADDED. LEGEND UPDATED. TABLE 1 UPDATED.	
EDM	K.S.

NOTES

1. POLE STEPS ARE REQUIRED TO BE INSTALLED FROM 8.3M ABOVE GROUND LEVEL. WHERE NORMAL VEHICLE ACCESS IS NOT AVAILABLE (OFF ROAD) POLE STEPS WILL BE REQUIRED FROM 6M ABOVE GROUND LEVEL. ALL CONCRETE AND STEEL POLES SHOULD HAVE FERRULES FROM 6M REGARDLESS.
2. DISTRIBUTION FERRULES AND HOLE FORMERS:-
   A) ONLY REQUIRED IF SPECIFIED AND IN ACCORDANCE WITH ORG: 331149
   B) FIRST (HIGHEST) DISTRIBUTION HOLE FORMER ABOVE GROUND POSITION TO BE SPECIFIED.
   C) MINIMUM HOLE FORMER HEIGHT ABOVE GROUND = 4.6M
3. HOLES & FERRULES TO SUIT CONSTRUCTION 71C, 72C, 73C, 74C, 75C, 76C, 78C, 78X & 79C.
4. ALLOWABLE CONSTRUCTION TOLERANCE FOR STEEL POLES IS +/- 25.4MM FOR SINGLE SEGMENT POLES AND +/-25.4MM PER SEGMENT FOR MULTI SEGMENT POLES
5. WHERE CORROSION PROTECTION IS SPECIFIED, THE AFFECTED EARTH FERRULE SHALL BE RELOCATED 100MM ABOVE THE COATING.
6. WHERE TOUCH PROTECTION IS SPECIFIED, THE ID TAG SHALL BE RELOCATED 100MM ABOVE THE COATING.
7. A 22MM ID INSPECTION HOLE SHALL BE LOCATED 650MM ABOVE GROUND LEVEL FOR STEEL POLES ONLY.







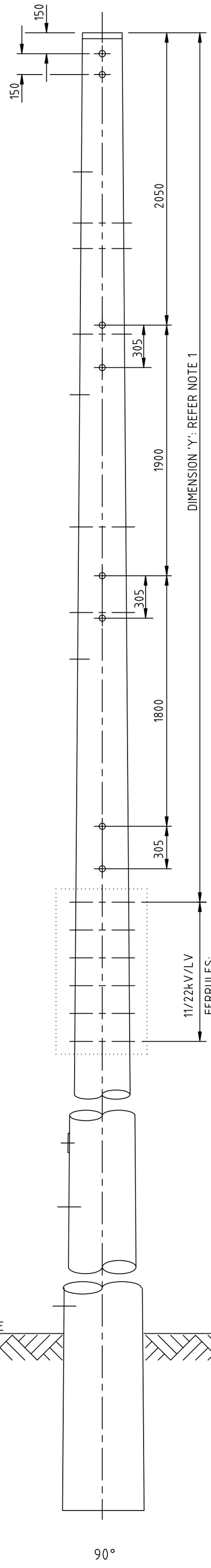


Table 1

Steel				Concrete	
LENGTH OF POLE	POLE STRENGTH	DIMENSION 'E'	Qty of Pole Step Ferrule	DIMENSION 'E'	Qty of Pole Step Ferrule
17	32	3100	22	3100	22
	32	3200		3200	
	40	3600		3600	
18.5	60	4200	25	4200	25
	32	3400		3400	
	40	3600		3800	
20	60	4400	27	4400	28
	32	3500		3500	
	40	3700		3900	
21.4	60	4200	30	4600	30
	32	3600		3600	
	40	3900		4100	
23	60	4300	34	4700	34
	-	-	-	3700	-
	-	-	-	4200	-
24	-	-	-	4800	36

LEGEND

SYMBOL	DESCRIPTION		QTY	DRG
⌖	CONCRETE	STAINLESS STEEL FERRULE ø22 ID	14	
	STEEL	HOLE ø25 ID		
+	EARTHING FERRULE LOCATION M12		5	
⊕	POLE STEP FERRULE LOCATION M16		REFER TABLE ABOVE	
⊠	IDENTIFICATION PLATE		1	053999

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ORIGINAL SCALE	NONE
APPROVED	M. Cupples
DRAWN	B.F.
DATE	08.10.09
CH'D	R.L.

Endeavour Energy

REFERENCE DRAWINGS

DO NOT SCALE
DIMENSIONS IN MILLIMETRES

AUTHORISED
D. Asvestas / J. Broadhead

MGR TRANSMISSION CAPITAL PROJECT DEVELOPMENT 19.10.09

OVERHEAD TRANSMISSION 66kV POLE TYPE '70 SERIES' HOLE & FERRULE LAYOUT

A2P 339929 Rev. D

SHEET No 1 OF 1 SHEETS