

- NOTE :
1. NUMBER OF STAYS AS PER DRAWING D-DT-0312.
 2. STAYS: USE 19x2.65 STAY WIRE AND M24x2400mm STAY ROD TO D-DT-0341.
 3. BONDING ON ONE CROSSARM ONLY T D-DT-0310.
 4. STAYS TO BE PLACED AS CLOSE TO CROSSARM AS POSSIBLE.
 5. PHASING CONFIGURATION TO D-DT-0311.

POLE OFF-SET TABLE	
DEVIATION ANGLE	OFFSET
0-20	0mm
20-40	300mm
40-60	500mm

1	CROSSARM/POLE CONNECTION DRG. NO. CORRECTED	P.A.V. C.VDMERWE	B.HILL	19.10.2011		
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

	MV HEAVY CONDUCTOR 22KV H-POLE BRACED ANGLE STRAIN 1-60° GENERAL ARRANGEMENT					
	AUTH: B. HILL					
	DATE: 06.10.2010					
	CHKD: C. VD MERWE					
	DATE: 06.10.2010					
DRAWN: P.A. TRUBLET		D-DT-1795		SET 3	SHEET 1	REVISION 1
DATE: 19.04.2010						

1

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A

B

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C

D

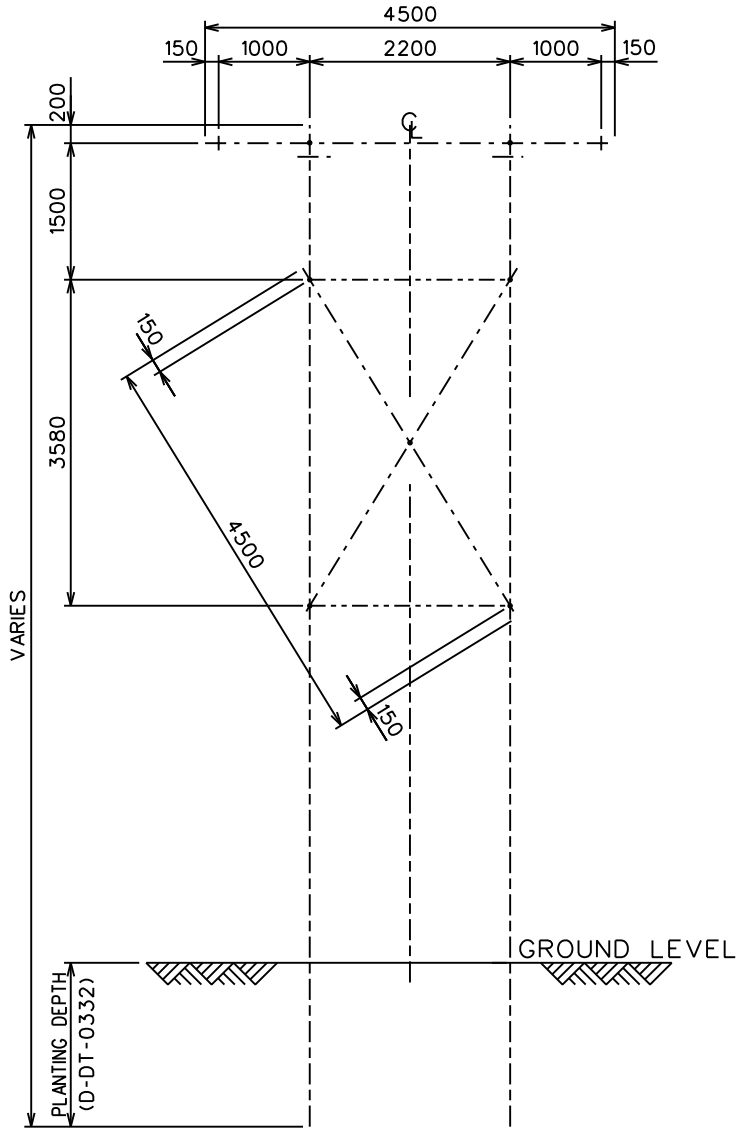
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1	CROSSARM/POLE CONNECTION DRG. NO. CORRECTED	P.A.V.	C.VDMERWE	B.HILL	19.10.2011	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

AUTH: B. HILL	<p>MV HEAVY CONDUCTOR 22KV H-POLE BRACED ANGLE STRAIN 1-60° DIMENSION DRAWING</p> <p>D-DT-1795</p>
DATE: 06.10.2010	
CHKD: C. VD MERWE	
DATE: 06.10.2010	
DRAWN: P.A. TRUBLET	
DATE: 19.04.2010	

SET	SHEET	REVISION
3	2	1

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BRACED ANGLE STRAIN

CHICADEE						
ANGLES	1-30°			31-60°		
POLE LENGTH	WIND	ELEC.SPAN	WEIGHT	WIND	ELEC.SPAN	WEIGHT
11m/200	350	340	600	350	280	600
12m/200	350	340	600	350	280	600
13m/200	350	340	600	240	280	600
14m/220	350	340	600	175	280	600
16m/220	350	340	600			

NOTE :

- * SPANS HAVE BEEN CLIPPED.
- SPANS EXCEEDING THESE VALUES SHALL BE MODELLED IN PLS-CAD.
- MINIMUM TOP DIAMETER OF STRAIN POLES 200mm.

1	CROSSARM/POLE CONNECTION DRG. NO. CORRECTED	P.A.V.	C.VDMERWE	B.HILL	19.10.2011	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
		MV HEAVY CONDUCTOR				
AUTH:	B. HILL	22KV H-POLE BRACED IN-LINE STRAIN 1-60°				
DATE:	06.10.2010	WIND / WEIGHT SPAN TABLES				
CHKD:	C. VD MERWE			SET	SHEET	REVISION
DATE:	06.10.2010	D-DT-1795		3	3	1
DRAWN:	P.A. TRUBLET					
DATE:	19.04.2010					

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4 A4L