



NOTE :
 1. BONDING AND EARTHING TO D-DT-0310.
 2. USE BALL AND SOCKET INSULATORS.
 3. USE 120kN LONGROD INSULATORS.
 4. PHASING CONFIGURATION TO D-DT-0311.

REFERENCE DRAWINGS		
ITEM	DESCRIPTION	DWG NO
CONDUCTOR / INSULATOR ATTACHMENTS		
1	SUSPENSION -SUSPENSION ASSY.	D-DT-7304
INSULATOR / STRUCTURE ATTACHMENTS		
2	SUSPENSION -EYEBOLT	D-DT-7314
POLE/X-ARM/BRACE STRUCTURE ATTACHMENTS		
3	SUSPENSION -4500 WOOD CROSSARM ATTACHMENT	D-DT-7312
4	-CROSS BRACE ASSEMBLY	D-DT-7313
5	-4500 WOOD CROSSARM	D-DT-0064
BONDING AND EARTHING		
	INSULATION CO-ORDINATION	D-DT-0310
PHASING		
	PHASE CONFIGURATION	D-DT-0311

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

Eskom
Distribution

AUTH: B. HILL
 DATE: 06.10.2010
 CHKD: C. VD MERWE
 DATE: 06.10.2010
 DRAWN: P.A. TRUBLET
 DATE: 19.04.2010

MV HEAVY CONDUCTOR
 22kV H-POLE SUSPENSION STRUCTURE
 GENERAL ARRANGEMENT

D-DT-1793

SET	SHEET	REVISION
2	1	0

1

2

3

4

A

A

UNBRACED SUSPENSION STRUCTURES

CHICADEE	200			180		
POLE TOP DIA.	200			180		
POLE LENGTH	WIND	ELEC.SPAN	WEIGHT	WIND	ELEC.SPAN	WEIGHT
11m	195	340	293	142	340	213
12m	180	340	270	130	340	195
13m	165	340	248			
14m	150	340	225			
16m	125	340	188			

B

B

BRACED SUSPENSION STRUCTURES

CHICADEE	200			180		
POLE TOP DIA.	200			180		
POLE LENGTH	WIND	ELEC.SPAN	WEIGHT	WIND	ELEC.SPAN	WEIGHT
11m	820	340	1230	525	340	788
12m	700	340	1050	620	340	930
13m	610	340	915			
14m	530	340	795			
16m	420	340	630			

C

C

NOTE :
WEIGHT SPANS = 1.5 WINDSPAN

D

D

E

E

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MV HEAVY CONDUCTOR
22kV H-POLE SUSPENSION STRUCTURE
WIND / WEIGHT SPAN TABLES

F

F

D-DT-1793		SET	SHEET	REVISION
D-DT-1793		2	2	0

1

2

3

4 A4L