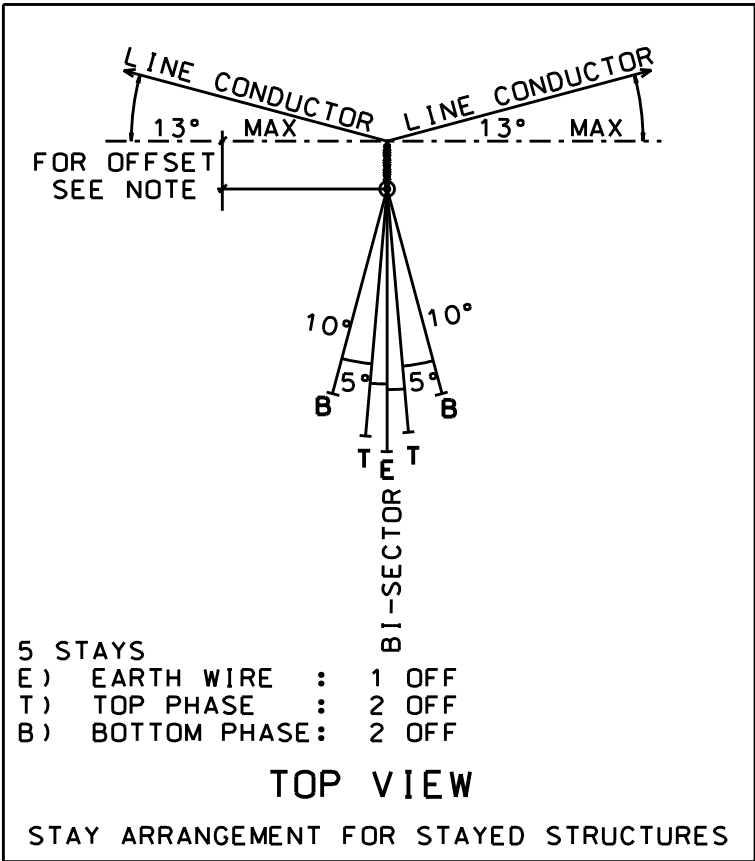
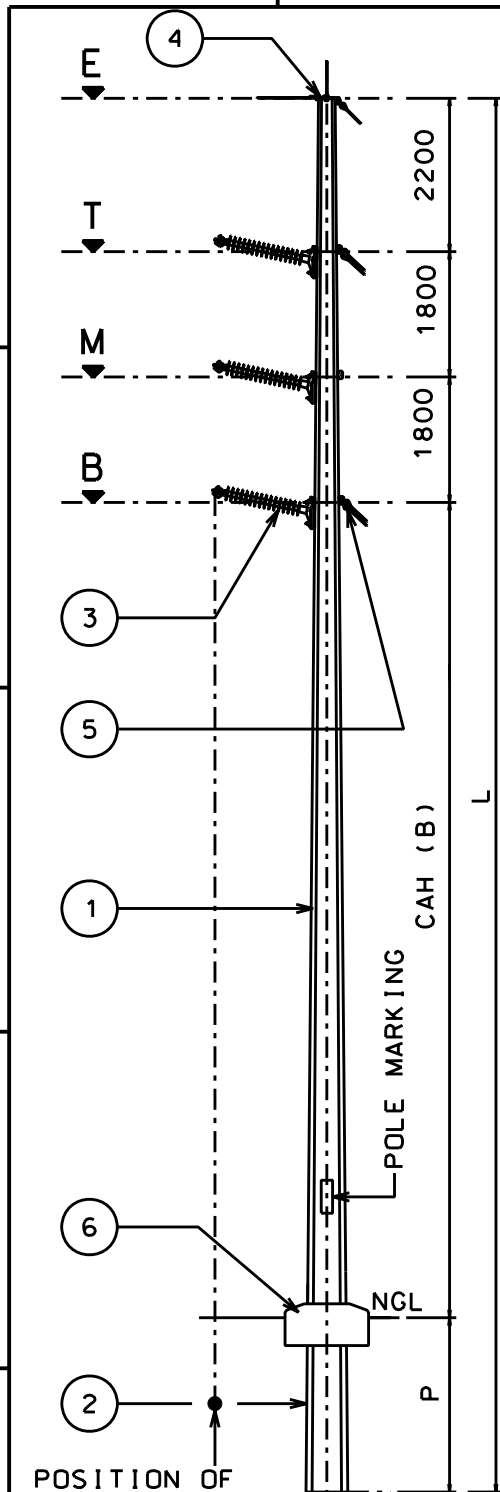


DESIGN REQUIREMENTS			C A H (m AGL)			
POLE LENGTH L	TIP LOAD (kN)	PLANTING DEPTH P	E	T	M	B
20	23	2.6	17.4	15.2	14.1	13.0
21	23	2.7	18.3	16.1	15.0	13.9
22	23	2.8	19.2	17.0	15.9	14.8
23	23	2.9	20.1	17.9	16.8	15.7
24	23	3.0	21.0	18.8	17.7	16.6

2	DRG SHT UPDATED. REFERENCES REV'D. GENERAL REVISION	SLR	RAB	AB	JUNE 2004	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

<p>AUTH: A BEKKER DATE: JAN 2004 CHKD: RAB DATE: JAN 2004 DRAWN: LMP DATE: NOV 1998</p>	<b>DISTRIBUTION TECHNOLOGY</b> RETICULATION/SUB-TRANSMISSION LINES 88/132KV S/C INTERMEDIATE STRUCTURE GENERAL ARRANGEMENT		
	<b>D-DT 7611</b>		SET <b>2</b>
	<b>2</b>		SHEET <b>1</b>
	<b>2</b>		REVISION <b>2</b>
	<b>4 A4L</b>		





**TIP LOAD = 23 kN**

DESIGN REQUIREMENTS			C A H (m AGL)			
POLE LENGTH L	TIP LOAD (kN)	PLANTING DEPTH P	E	T	M	B
20	23	2.6	17.4	15.2	13.4	11.6
21	23	2.7	18.3	16.1	14.3	12.5
22	23	2.8	19.2	17.0	15.2	13.4
23	23	2.9	20.1	17.9	16.1	14.3
24	23	3.0	21.0	18.8	17.0	15.2

POSITION OF SERVITUDE BEACON  
**NOTE:** POLE TO BE OFFSET 1500mm OUT OF LINE TOWARDS OUTSIDE OF BISECTOR AS SHOWN

2	DRG SHT UPDATED. REFERENCES REV'D. GENERAL REVISION	SLR	RAB	AB	MARCH 2004	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

**Eskom Distribution**

AUTH: A BEKKER  
 DATE: JAN 2004  
 CHKD: RAB  
 DATE: JAN 2004  
 DRAWN: LMP  
 DATE: NOV 1998

**DISTRIBUTION TECHNOLOGY**  
 RETICULATION/SUB-TRANSMISSION LINES  
 STAYED INTERMEDIATE ANGLE STRUCTURE  
 GENERAL ARRANGEMENT (0-26°)

**D-DT 7613**


SET	SHEET	REVISION
2	1	2

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F

ITEM NO.	DESCRIPTION	D-DT NO.
	<b>STRUCTURE</b>	
	TYPE 259B	D-DT 7613
	MANUFACTURER: STRUCTATECH	
	TYPE 261B	D-DT 7613
	MANUFACTURER: CIS	
1	<b>POLE LENGTH (BODY)</b>	
	20m STEEL	D-DT 7102
	21m STEEL	D-DT 7102
	22m STEEL	D-DT 7102
	23m STEEL	D-DT 7102
	24m STEEL	D-DT 7102
2	<b>FOUNDATION</b>	
	TYPE 1 (300kPa)	D-DT 7852 SHT 2
	TYPE 2 (150kPa)	D-DT 7852 SHT 3
	TYPE 3 (100kPa)	D-DT 7852 SHT 4
	TYPE 4 (50kPa)	D-DT 7852 SHT 5
	ROCK & SOFT ROCK	D-DT 7852 SHT 1
3	<b>INSULATOR ASSEMBLY</b>	
	INTERMEDIATE ASSEMBLY	D-DT 7321
4	<b>EARTH WIRE ASSEMBLIES</b>	
	NON INSULATED	D-DT 7323
	INSULATED	D-DT 7324
5	<b>CONCRETE CAP AND EARTHING DETAILS</b>	D-DT 7857

2	DRG SHT UPDATED. REFERENCES REV'D. GENERAL REVISION	SLR	RAB	AB	MARCH 2004	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

 AUTH: A BEKKER DATE: JAN 2004 CHKD: RAB DATE: JAN 2004 DRAWN: LMP DATE: NOV 1998	<b>DISTRIBUTION TECHNOLOGY</b> RETICULATION/SUB-TRANSMISSION LINES STAYED INTERMEDIATE ANGLE STRUCTURE REFERENCE TABLE (0-26°)		
	<b>D-DT 7613</b>		SET <b>2</b>
	SHEET <b>2</b>		REVISION <b>2</b>
	<b>D-DT 7613</b>		
	<b>2 2 2</b>		