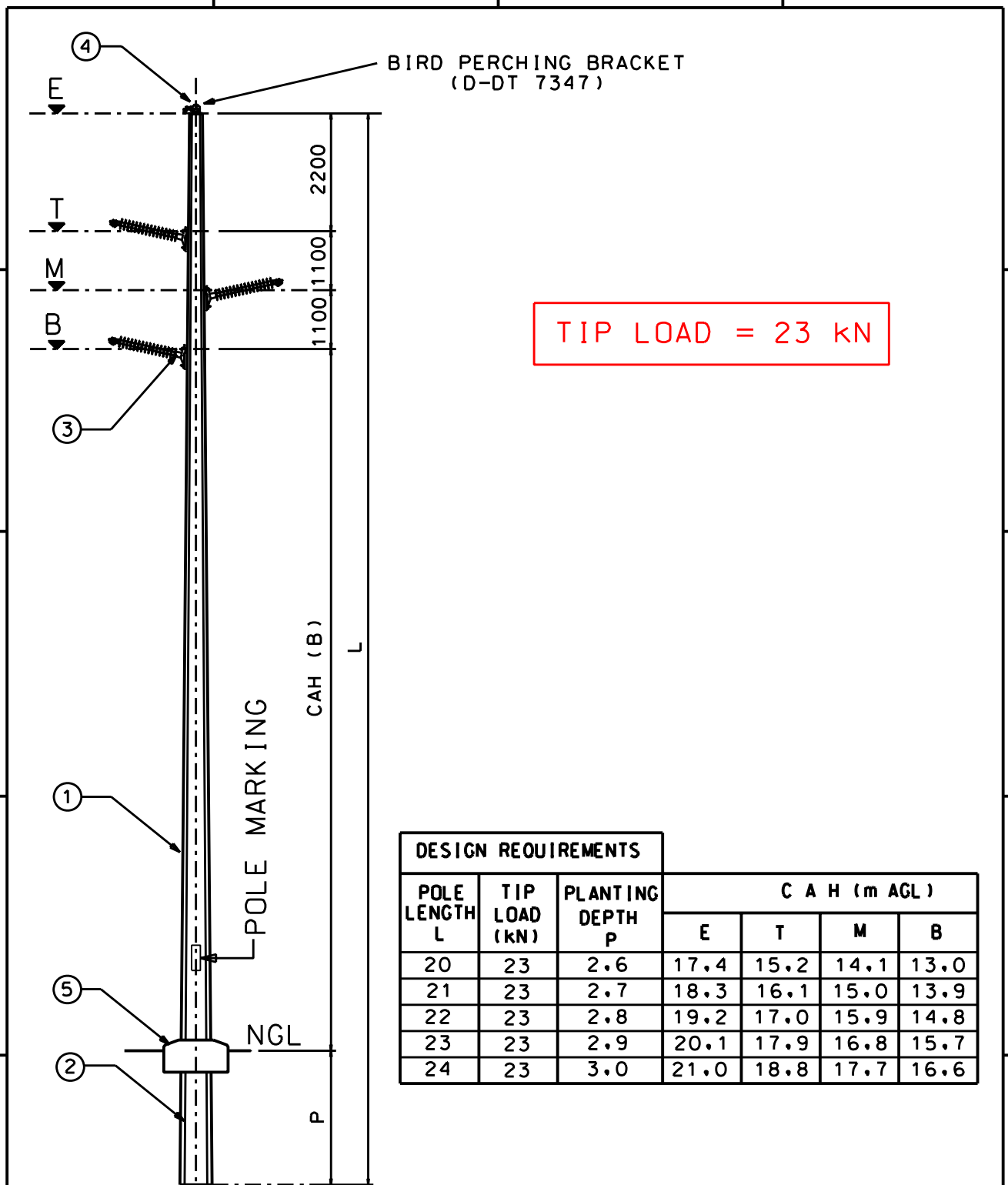




2	DRG SHT UPDATED. REFERENCES REV'D. GENERAL REVISION	SLR	RAB	AB	JUNE 2004	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.



AUTH: A BEKKER

DATE: JAN 2004

CHKD: RAB

DATE: JAN 2004

DRAWN: LMP

DATE: NOV 1998

DISTRIBUTION TECHNOLOGY **RETICULATION/SUB-TRANSMISSION LINES** **88/132KV S/C INTERMEDIATE STRUCTURE** **GENERAL ARRANGEMENT**

D-DT 7611

SET	SHEET	REVISION
2	1	2

1

2

3

4 A4L

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A

A

ITEM NØ.	DESCRIPTION	D-DT NØ.
	STRUCTURE	
	TYPE 259A	D-DT 7611
	MANUFACTURER: STRUCTATECH	
	TYPE 261A	D-DT 7611
	MANUFACTURER: CIS	
1	POLE LENGTH (BODY)	
	20m STEEL	D-DT 7100
	21m STEEL	D-DT 7100
	22m STEEL	D-DT 7100
	23m STEEL	D-DT 7100
	24m STEEL	D-DT 7100
2	FOUNDATION	
	TYPE 1 (300kPa)	D-DT 7850 SHT 2
	TYPE 2 (150kPa)	D-DT 7850 SHT 3
	TYPE 3 (100kPa)	D-DT 7850 SHT 4
	TYPE 4 (50kPa)	D-DT 7850 SHT 5
	ROCK & SOFT ROCK	D-DT 7850 SHT 1
	ALTERNATE FOUNDATIONS	D-DT 7851
3	INSULATOR ASSEMBLY	
	INTERMEDIATE ASSEMBLY	D-DT 7321
4	EARTH WIRE ASSEMBLIES	
	NON INSULATED	D-DT 7326
	INSULATED	D-DT 7327
5	CONCRETE CAP AND	D-DT 7857
	EARTHING DETAILS	

B

B

C

C

D

D

E

E

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



AUTH: A BEKKER

DATE: JAN 2004

CHKD: RAB

DATE: JAN 2004

DRAWN: SLR

DATE: JAN 2004

DISTRIBUTION TECHNOLOGY **RETICULATION/SUB-TRANSMISSION LINES** **88/132KV S/C INTERMEDIATE STRUCTURE** **REFERENCE TABLE**

D-DT 7611

2

2

2

F

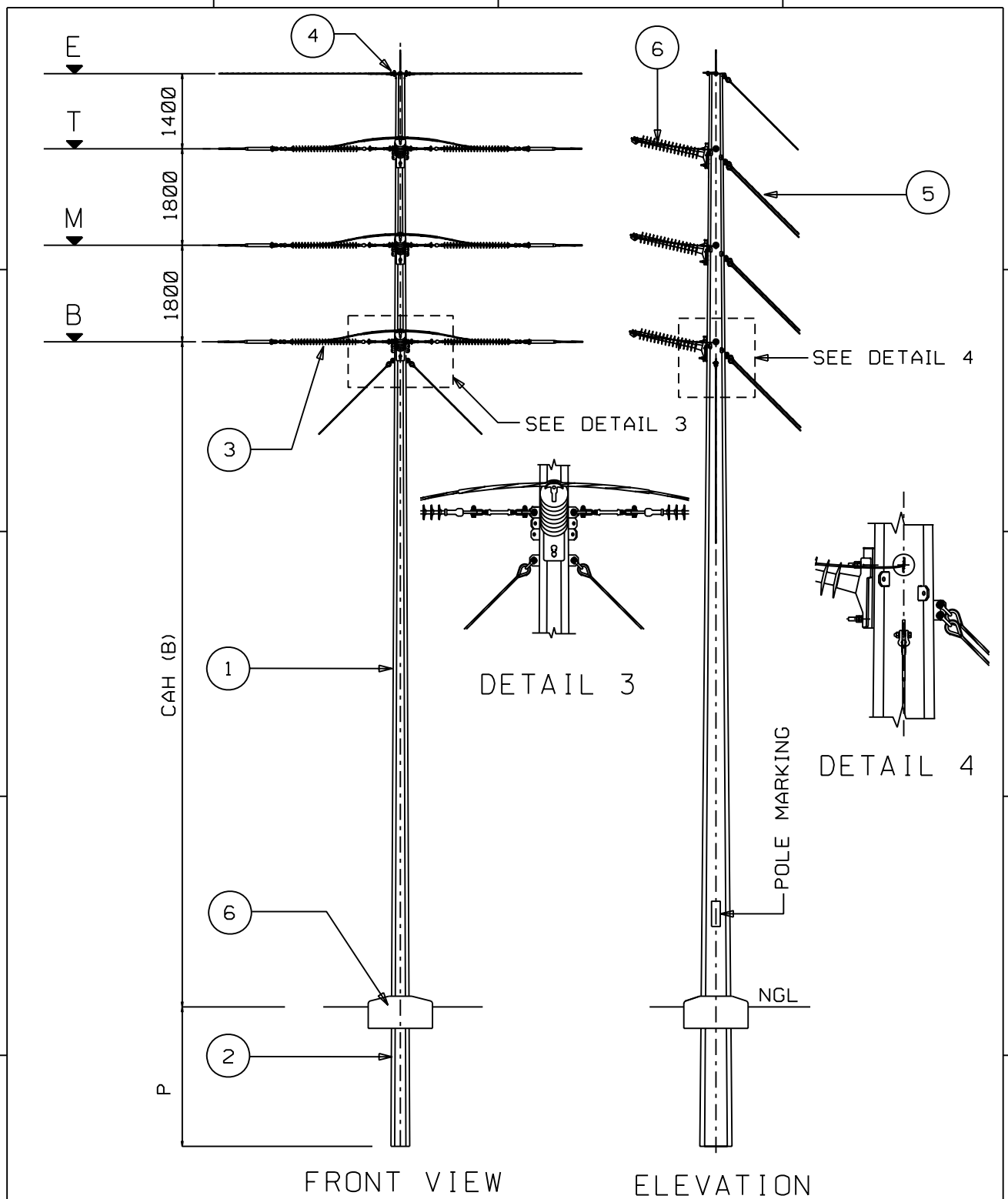
F

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3

4 A4L



3	SHEET 3 ITEM 2 FOUNDATION DRG. NO.S CORRECTED	P.A.T.	S.MASHABA	B.BRANFIELD	19.03.2010	
2	DRG SHT UPDATED. REFERENCES REVISED. 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

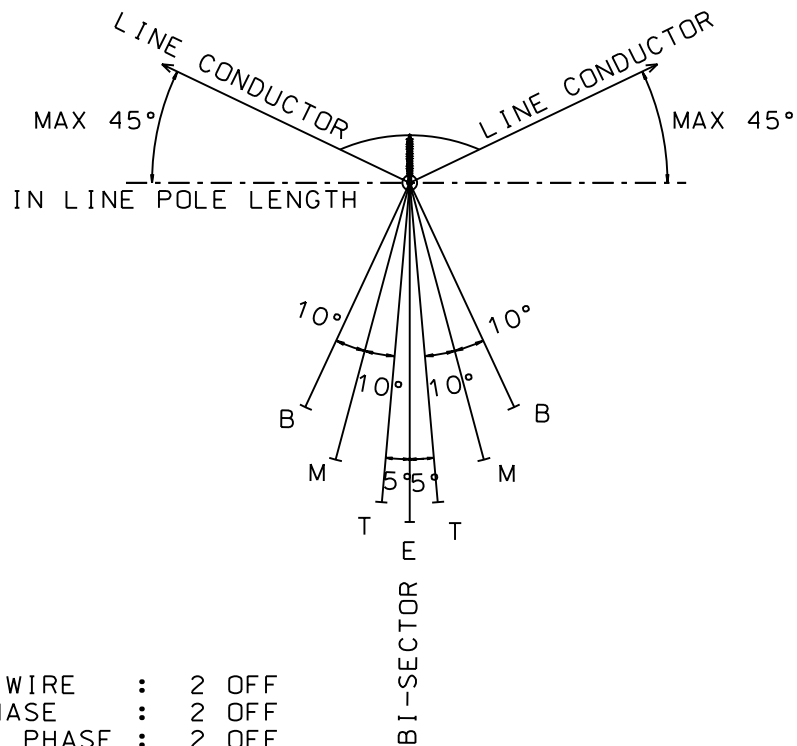
DISTRIBUTION TECHNOLOGY RETICULATION/SUB-TRANSMISSION LINES STAYED ANGLE STRAIN STRUCTURE GENERAL ARRANGEMENT (0-90°)

D-DT 7615

3

1

3



8 STAYS
 E) EARTH WIRE : 2 OFF
 T) TOP PHASE : 2 OFF
 M) MIDDLE PHASE : 2 OFF
 B) BOTTOM PHASE : 2 OFF

TOP VIEW

STAY ARRANGEMENT FOR STAYED STRUCTURES

DESIGN REQUIREMENTS			SCHEDULE FOR CONDUCTOR ATTACHMENT HEIGHTS			
POLE LENGTH L	TIP LOAD (kN)	PLANTING DEPTH P	C A H (m AGL)			
			E	T	M	B
18	23	2.0	16.0	14.6	12.8	11.0
19	23	2.0	17.0	15.6	13.8	12.0
20	23	2.0	18.0	16.6	14.8	13.0
21	23	2.0	19.0	17.6	15.8	14.0
22	23	2.0	20.0	18.6	16.8	15.0
23	23	2.0	21.0	19.6	17.8	16.0
24	23	2.0	22.0	20.6	18.8	17.0

3	SHEET 3 ITEM 2 FOUNDATION DRG. NO.S CORRECTED	P.A.T.	S.MASHABA	B.BRANFIELD	19.03.2010	
2	DRG SHT UPDATED. REFERENCES REVISED. 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

DISTRIBUTION TECHNOLOGY
 RETICULATION/SUB-TRANSMISSION LINES
 STAYED ANGLE STRAIN STRUCTURE
 DESIGN CRITERIA & STAYS (0-90°)

D-DT 7615

3

2

3

