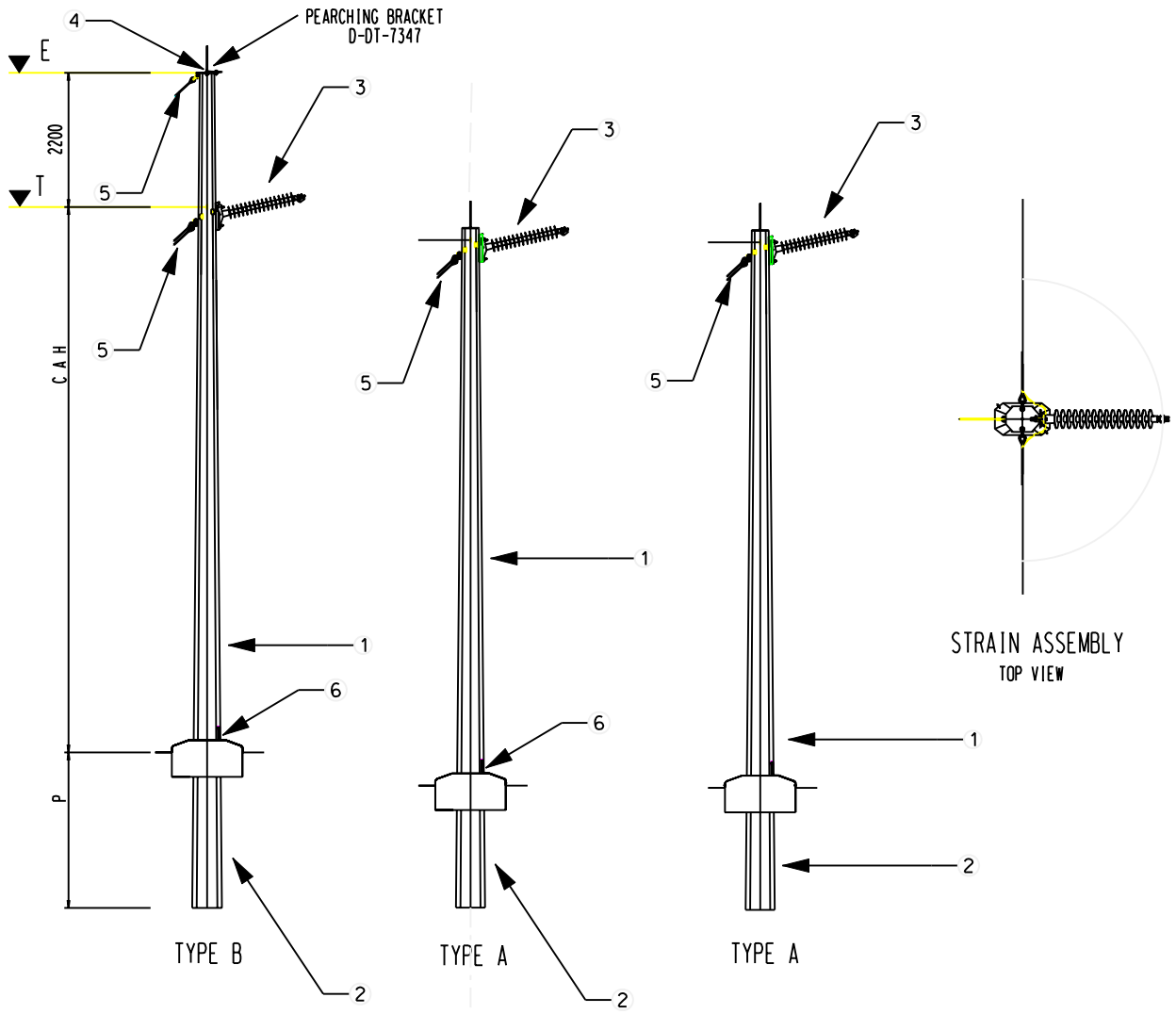

NOTE:
1 THESE 3 POLES CAN BE USED AS AN UNSTAYED INTERMEDIATE STRUCTURE (0°) OR A STAYED INTERMEDIATE ANGLE STRUCTURE (1-20°) OR A STAYED ANGLE STRAIN STRUCTURE (0-90°).

POLE AND CONDUCTOR SCHEDULE (m)

C A H		PLANTING DEPTH	POLE LENGTH	
			TYPE A	TYPE B
T	E	P	L	L
6.2	8.4	1.6	8	10
7.1	9.3	1.7	9	11
8.0	10.2	1.8	10	12
8.9	11.1	1.9	11	13
9.8	12.0	2.0	12	14
10.7	12.9	2.1	13	15
11.6	13.8	2.2	14	16
12.5	14.7	2.3	15	17
13.4	15.6	2.4	16	18
14.3	16.5	2.5	17	19
15.2	17.4	2.6	18	20
16.1	18.3	2.7	19	21

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
2	DRG SHT UPDATED. REFERENCES REVISED. GENERAL REVISION	PBM	SLR	A BEKKER	SEP 2005	

Eskom Distribution

AUTH: A BEKKER
DATE: JAN 2004
CHKD: RAB
DATE: JAN 2004
DRAWN: LMP
DATE: 22/11/1998

DISTRIBUTION TECHNOLOGY

RETICULATION/ SUB-TRANSMISSION LINES
88/132kV 3-POLE STRAIN STRUCTURE (0-90°)
GENERAL ARRANGEMENT

D-DT 7618

SET	SHEET	REVISION
2	1	2

A4L

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ITEM NØ.	DESCRIPTION	D-DT NØ.
	STRUCTURE	
	TYPE 259S-MANUFACTURE DORBYL	7618
	TYPE 261S- MANUFACTURE CIS	7618
1	POLE LENGTH (BODY)	
	7.1M STEEL	7107
	8.0M STEEL	7107
	8.9M STEEL	7107
	9.8M STEEL	7107
	10.7M STEEL	7107
	11.6M STEEL	7107
	12.5M STEEL	7107
2	FOUNDATION	
	TYPE 1 (300kPa)	7337
	TYPE 2 (150kPa)	7338
	TYPE 3 (100kPa)	7339
	TYPE 4 (50kPa)	7340
	ROCK&DECOMPOSED ROCK	7341
3	INSULATOR ASSEMBLY	
	STRAIN ASSEMBLY	7311
	JUMPER ASSEMBLY	7321
4	EARTH WIRE ASSEMBLIES	
	STRAIN INSULATED	7324
	STRAIN NON-INSULATED	7323
5	STAY ASSEMBLY	7325
6	CONCRETE CAP & EARTHING DETAILS	7345

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
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DATE: AUG 2004
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DATE: AUG 2004

DISTRIBUTION TECHNOLOGY

RETICULATION/ SUB-TRANSMISSION LINES
88/132kV 3-POLE STRAIN STRUCTURE (0-90°)
REFERENCE TABLE

D-DT 7618

SET	SHEET	REVISION
2	2	2

A4L