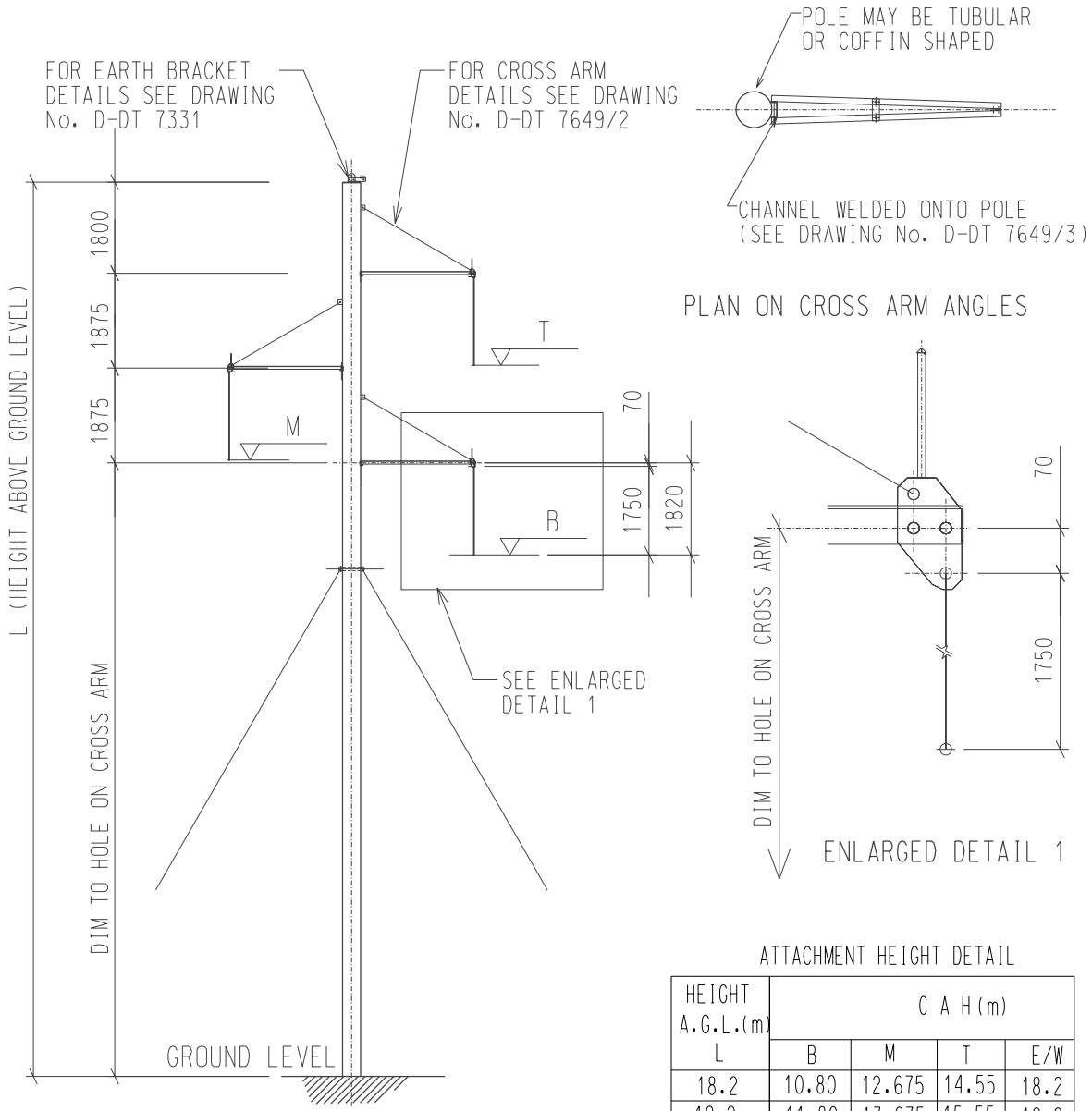

THIS DRAWING IS RELEVANT FOR
GUYED AND FREESTANDING STRUCTURES

ATTACHMENT HEIGHT DETAIL

HEIGHT A.G.L.(m) L	C A H (m)			
	B	M	T	E/W
18.2	10.80	12.675	14.55	18.2
19.2	11.80	13.675	15.55	19.2
20.1	12.70	14.575	16.45	20.1
21.2	13.80	15.675	17.55	21.2
22.7	15.30	17.175	19.05	22.7
24.2	16.80	18.675	20.55	24.2

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
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Eskom Distribution

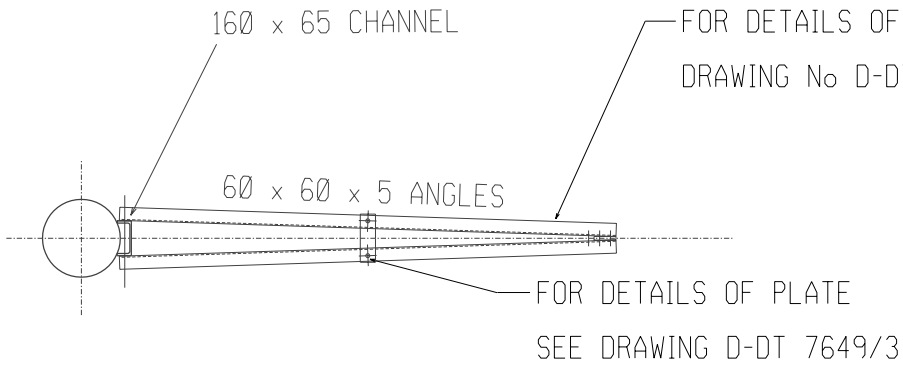
AUTH: A. BEKKER
DATE: JULY 2002
CHKD: B. BRANFIELD
DATE: JUNE 2002
DRAWN: S. LE ROUX
DATE: JUNE 2002

DISTRIBUTION TECHNOLOGY

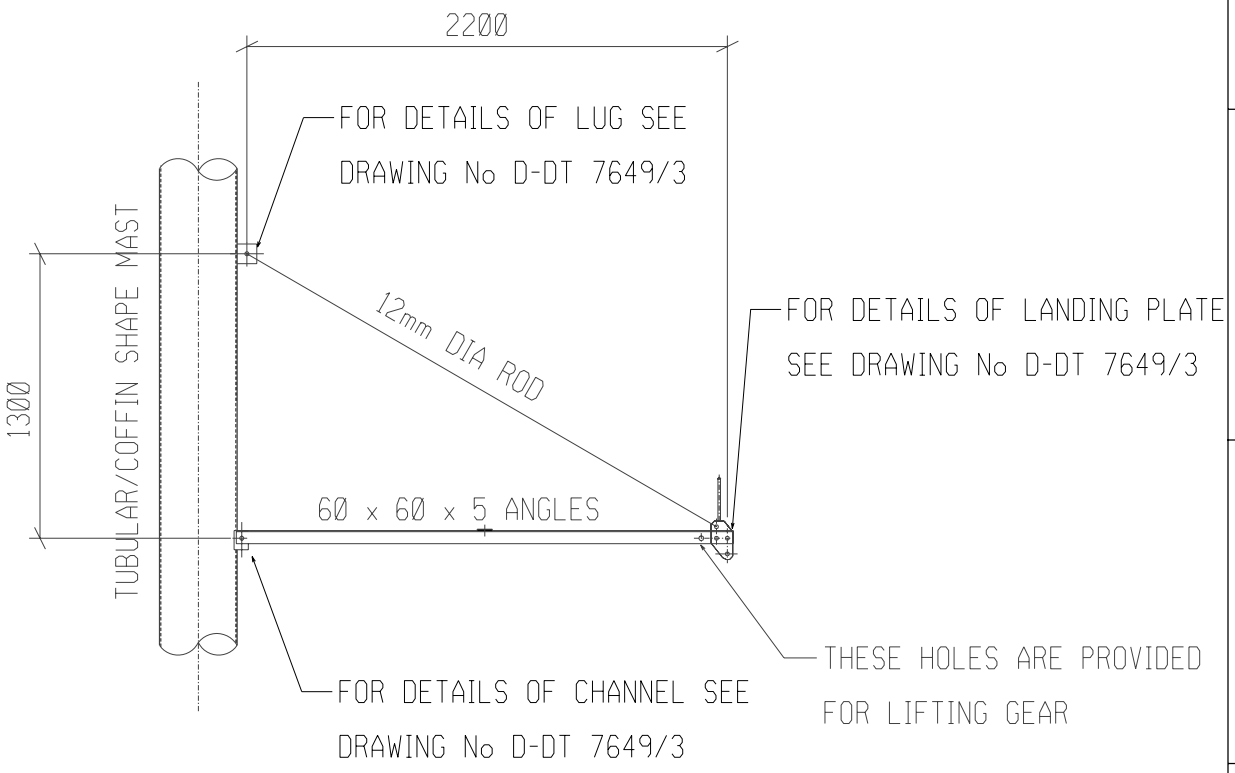
RETICULATION/SUB-TRANSMISSION LINES
SINGLE CIRCUIT GUYED INTERMEDIATE
STEEL POLE - GENERAL ARRANGEMENT

	SET	SHEET	REVISION
D-DT 7641	4	1	A

A4L



PLAN ON CROSS ARM ANGLES



ELEVATION ON CROSS ARM

NOTE:
ALL BOLTS USED TO BE
M16 GRADE 8.8 BOLTS

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
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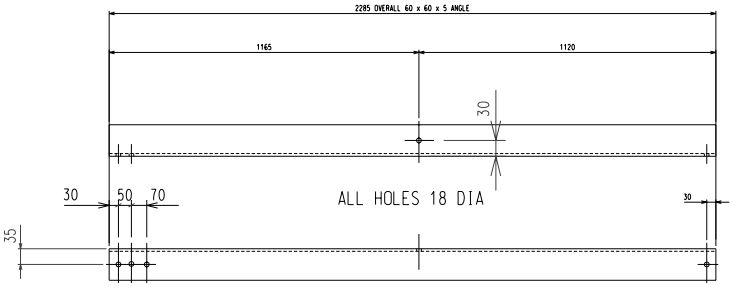
DISTRIBUTION TECHNOLOGY

RETICULATION/SUB-TRANSMISSION LINES
SINGLE CIRCUIT GUYED INTERMEDIATE
STEEL POLE - LAYOUT OF CROSS ARM

AUTH:	A. BEKKER
DATE:	JULY 2002
CHKD:	B. BRANFIELD
DATE:	JUNE 2002
DRAWN:	S. LE ROUX
DATE:	JUNE 2002

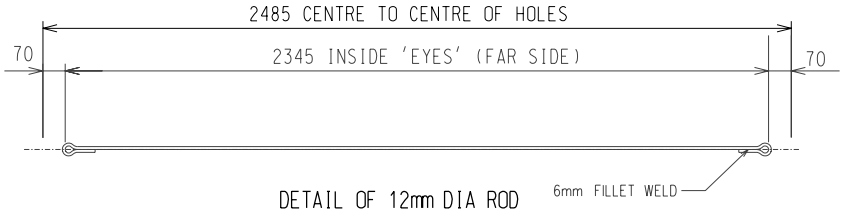
	SET	SHEET	REVISION
D-DT 7641	4	2	A

A4L

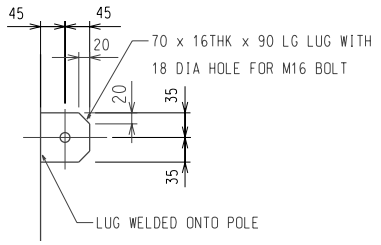


ONE ANGLE REQUIRED AS DRAWN
ONE ANGLE REQUIRED TO OPP HAND

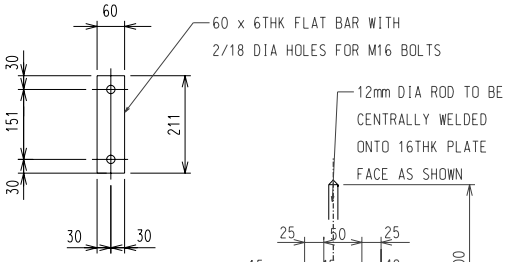
NOTE:
ALL BOLTS USED
TO BE M16 GRADE
8.8 BOLTS



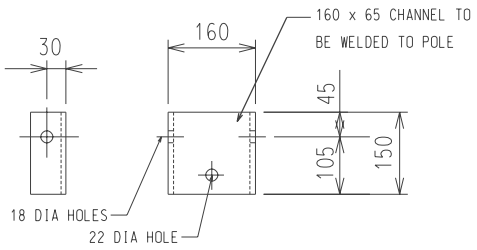
DETAIL OF 12mm DIA ROD



DETAIL OF LUG 'L1'



DETAIL OF PLATE 'P1'



DETAIL OF CHANNEL CONNECTION

DETAIL OF LANDING PLATE

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DISTRIBUTION TECHNOLOGY

RETICULATION/SUB-TRANSMISSION LINES
SINGLE CIRCUIT GUYED INTERMEDIATE
STEEL POLE - X-ARM FABRICATION DRAWING

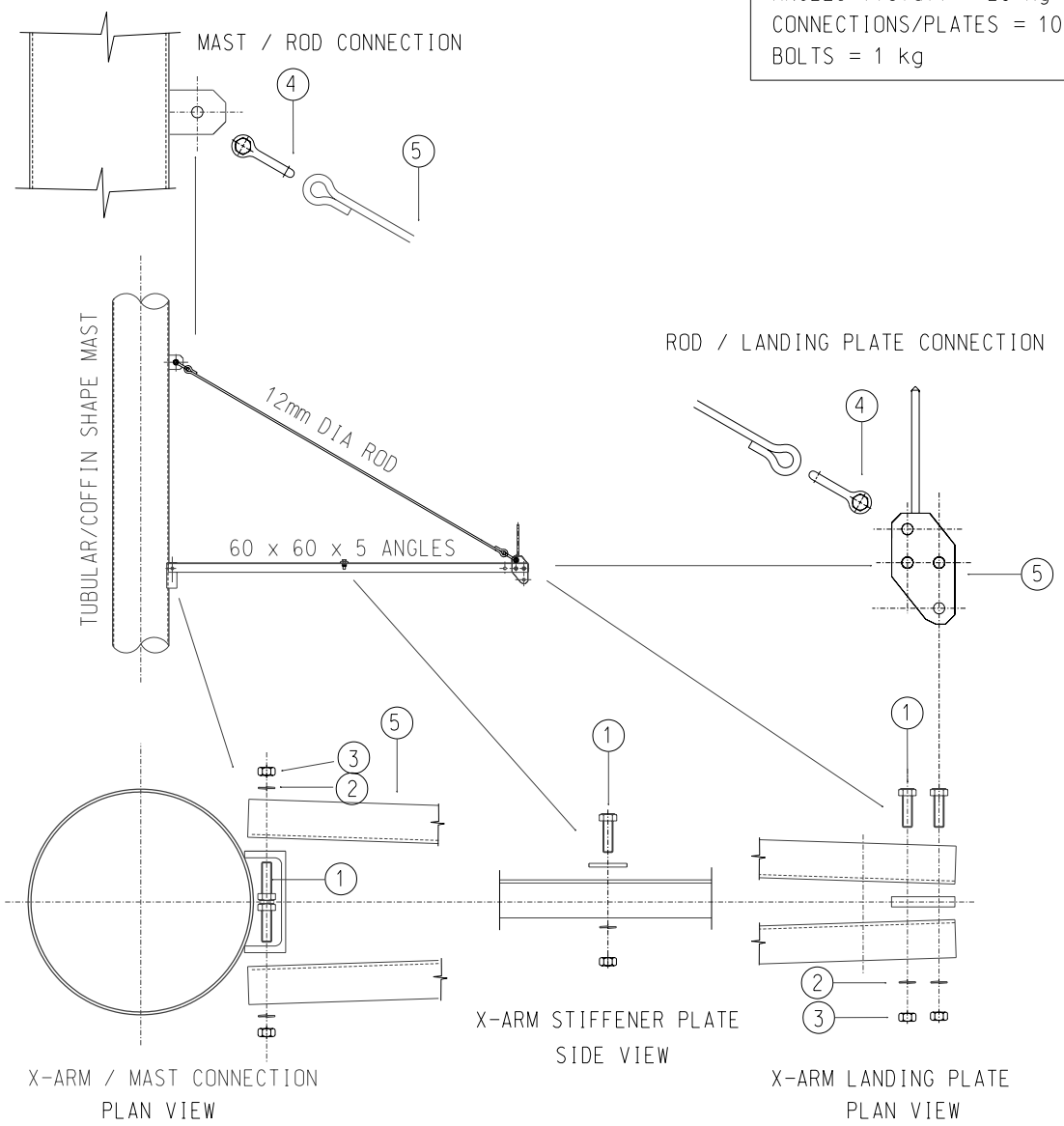
AUTH:	A. BEKKER
DATE:	JULY 2002
CHKD:	B. BRANFIELD
DATE:	JUNE 2002
DRAWN:	S. LE ROUX
DATE:	JUNE 2002

D-DT 7641

SET	SHEET	REVISION
4	3	A

A4L

MASS OF CROSS ARM:
ANGLES (Total) = 20 kg
CONNECTIONS/PLATES = 10 kg
BOLTS = 1 kg



REF	DESCRIPTION	DRAWING NO.
1	SET SCREW, M16 x 50 LG GRADE 8.8	
2	WASHER, SPRING, M16	
3	NUT, M16	
4	SHACKLE, D 120KN	D-DT 7017
5	SUSP. ARM ASSEMB, 132KV	

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
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DISTRIBUTION TECHNOLOGY

RETICULATION/SUB-TRANSMISSION LINES
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STEEL POLE - X-ARM FABRICATION DRAWING

	SET	SHEET	REVISION
D-DT 7641	4	4	A

A4L