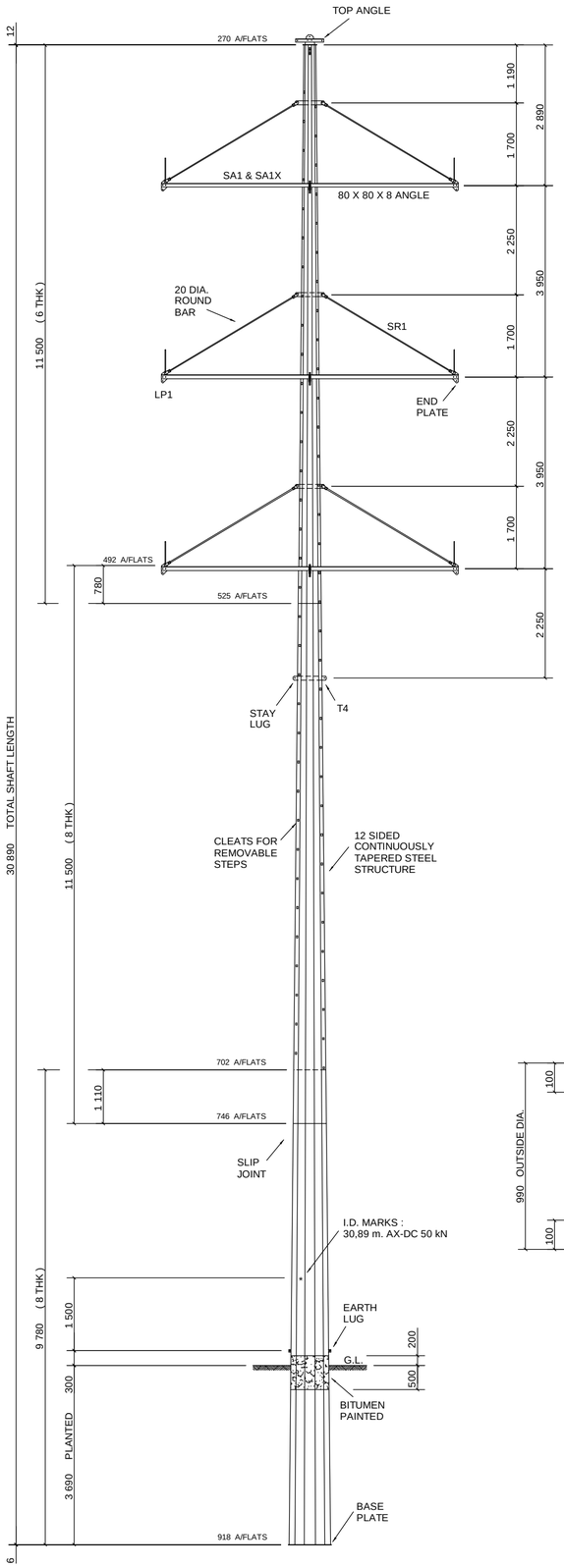
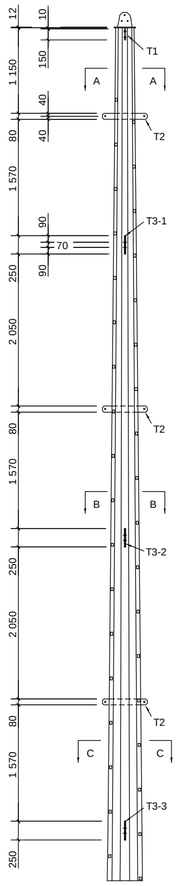
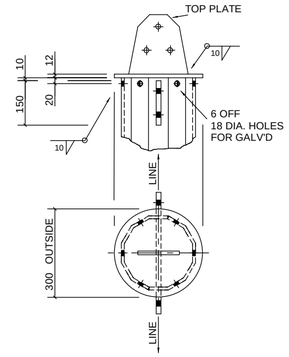


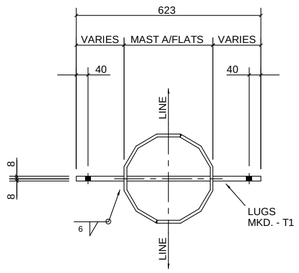
ELEVATION ON MAST



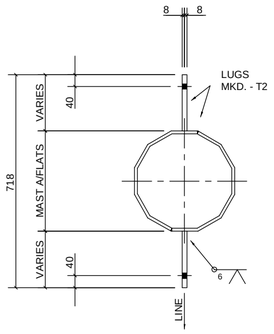
ENLARGED TOP SECTION



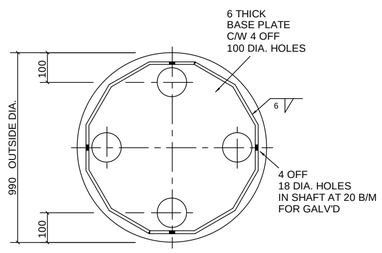
PLAN ON CAP PLATE



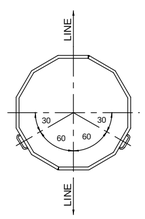
SECTION " A - A "



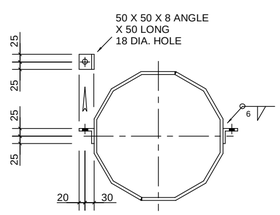
SECTION " B - B "



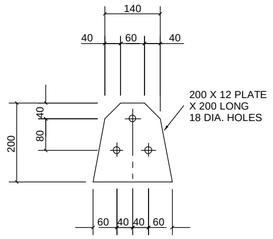
PLAN ON BASE PLATE



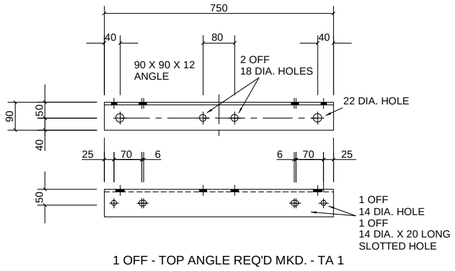
SECTION " C - C "



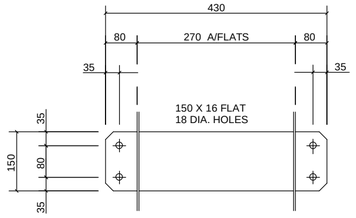
PLAN ON EARTH LUG POSITIONS



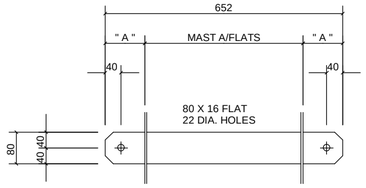
1 OFF - TOP PLATE REQ'D



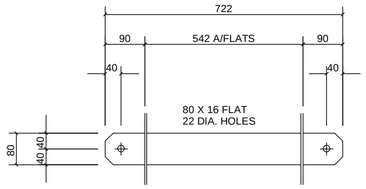
1 OFF - TOP ANGLE REQ'D MKD. - TA 1



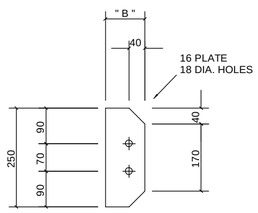
1 OFF - LUG REQ'D AS DRAWN MKD. - T1



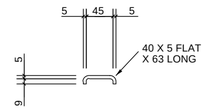
PHASE	QTY.	MARK	MAST A/FLATS	DIM. " A "
TOP	1	T 2	296 A/F	178
MID	1	T 2	384 A/F	134
BOTTOM	1	T 2	472 A/F	90



1 OFF - LUG REQ'D AS DRAWN MKD. - T4

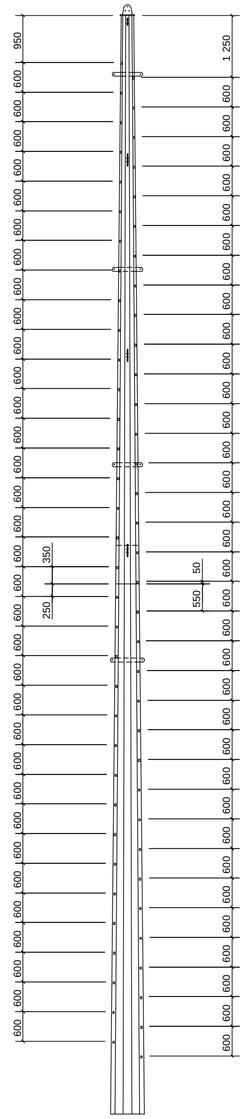


PHASE	QTY.	MARK	MAST A/FLATS	DIM. " A "
TOP	2	T3 - 1	334 A/F	207,5
MID	2	T3-2	422 A/F	163,5
BOTTOM	2	T3-3	509 A/F	120



68 OFF - CLEATS REQ'D

ALL SECTION 1 PARTS MARKED - BLUE
30,89 m. MAST BASE MARKED - SILVER



POSITION OF CLEATS FOR REMOVABLE STEPS

NOTE :

- ALL MATERIAL = S355JR
- ALL STEELWORK TO BE HOT DIP GALV'D TO SANS 121
- GRINDING OF INTERNAL AND EXTERNAL SEAMWELDS AT SLIP JOINT TO BE 100 mm. LONGER THAN THE SLIP
- MARKING OF SHAFTS - TOP SECTION BETWEEN DIAMONDS AND ON CAP PLATE
  - MID SECTION BETWEEN DIAMONDS
  - BOTTOM SECTION ON BASE PLATE
- TOLERANCES - ON DIMENSIONS = 2 mm.
  - ON DRILLING CENTRES = 2 mm.
- WELDS - SEAMWELDS = 70 % PENETRATION WELD MINIMUM 100 % AT SLIP JOINTS
  - OTHER WELDS = 6 mm. C.F.W. MINIMUM
- RAPPING PLATES AT SLIP JOINTS AS PER CIS STANDARDS

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8 Firestone Street
Vanderbijlpark
NW 7
Tel: (016) 986-1135
Fax: (016) 986-2682

Project : ESKOM - BLOEMFONTEIN
(2 OFF) 30,89 m. D/C INT. SUSPENSION
50 kN TYPE AX-DC 30,89 STRUCTURE

FERRUM-UMTU LINE

Title : GENERAL ARRANGEMENT AND DETAILS

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Drawn	A.R.	MAY '12	Scale	N.T.S.
Checked				
Approved			Cost code	
Contract no. :	C 200 181			Revision
Drawing no. :	SECTION 1 / ITEM 2.4			01