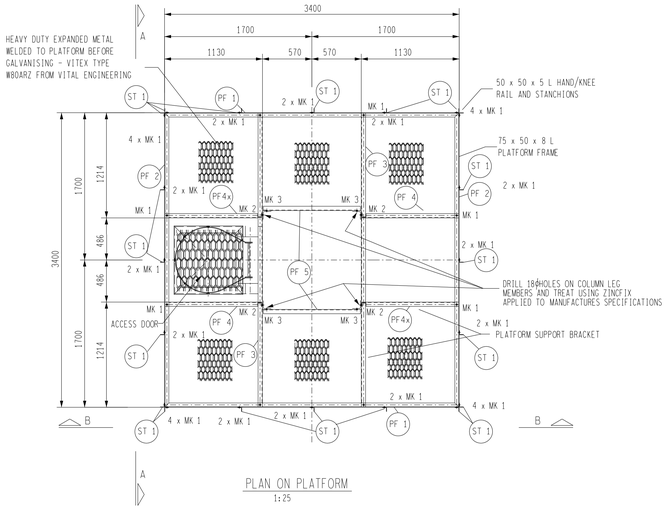
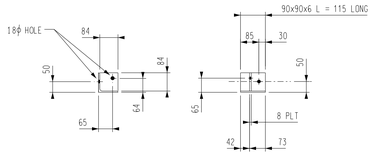
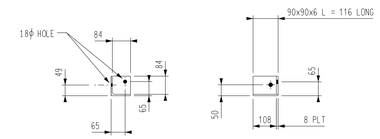


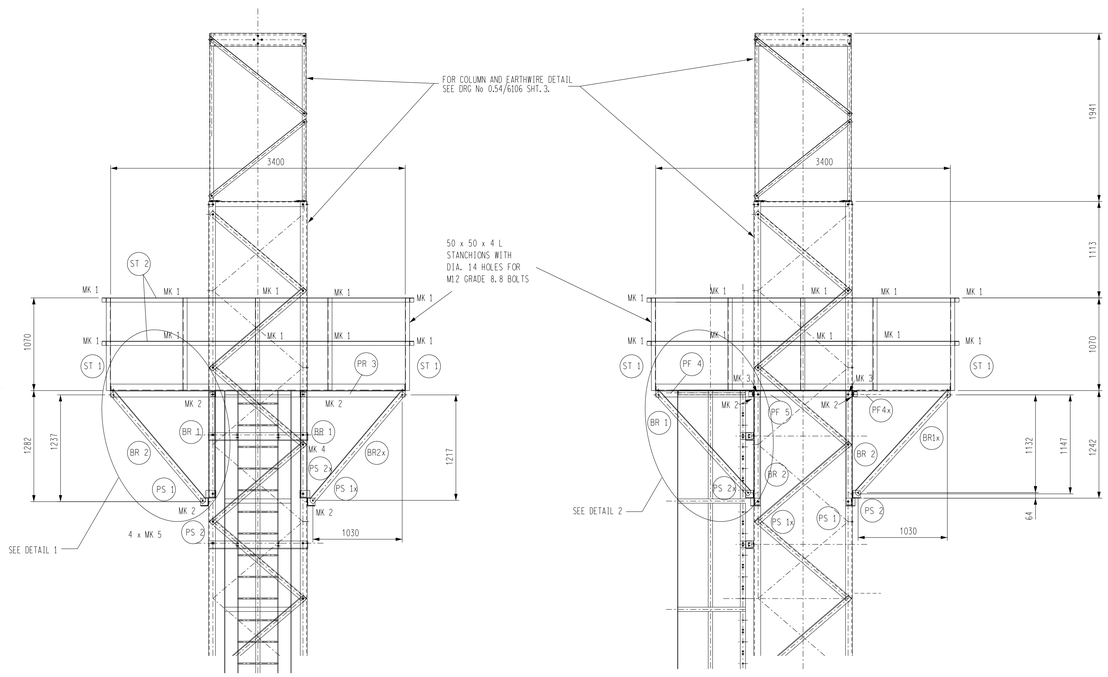
PLAN ON PLATFORM
1:25



PLATFORM SUPPORT MK 'PS1' - 2 OFF REQ'D
PLATFORM SUPPORT MK 'PS1x' - 2 OFF REQ'D TO OPP. HAND
SCALE 1:12,5

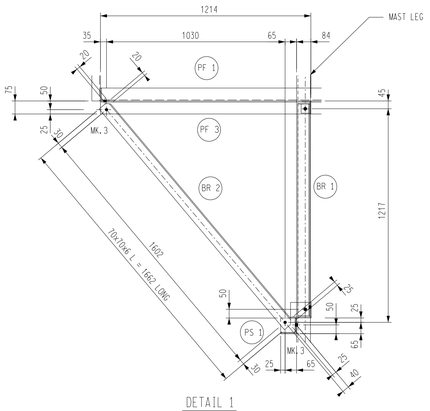


PLATFORM SUPPORT MK 'PS2' - 2 OFF REQ'D
PLATFORM SUPPORT MK 'PS2x' - 2 OFF REQ'D TO OPP. HAND
SCALE 1:12,5

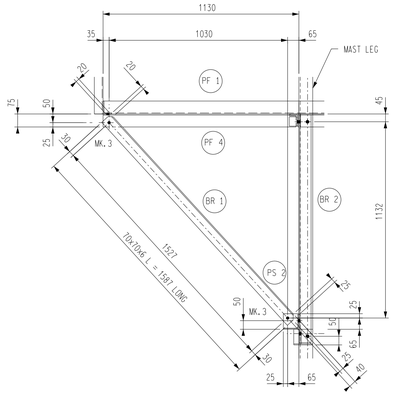


ELEVATION A-A
1:25

ELEVATION B-B
1:25

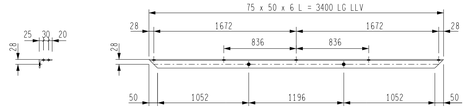


DETAIL 1
PLATFORM SUPPORT BRACKET
4 OFF REQ'D
1:12,5

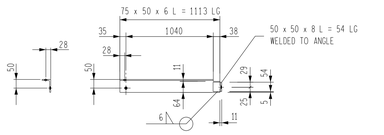


DETAIL 2
PLATFORM SUPPORT BRACKET
4 OFF REQ'D
1:12,5

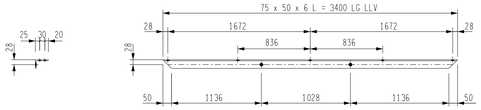
BR 2



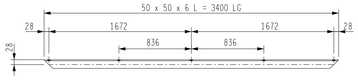
PLATFORM FRAME MK 'PF1' - 2 OFF REQUIRED
SCALE 1:12,5



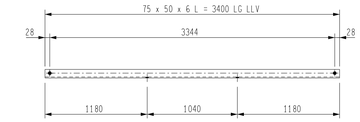
PLATFORM FRAME MK 'PF4' - 2 OFF REQUIRED
PLATFORM FRAME MK 'PF4x' - 2 OFF REQUIRED TO OPP. HAND
SCALE 1:12,5



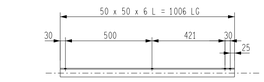
PLATFORM FRAME MK 'PF2' - 2 OFF REQUIRED
SCALE 1:12,5



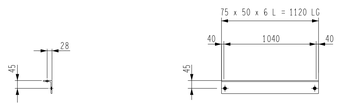
STANCHION FRAME MK ST2' - 8 OFF REQUIRED
SCALE 1:12,5



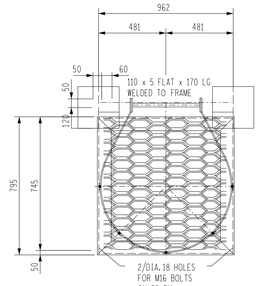
PLATFORM FRAME MK 'PF3' - 2 OFF REQUIRED
SCALE 1:12,5



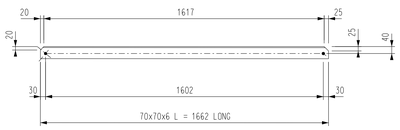
STANCHION COLUMN MK ST1' - 20 OFF REQUIRED
SCALE 1:12,5



PLATFORM FRAME MK 'PF5' - 2 OFF REQUIRED
SCALE 1:12,5



TRAP DOOR



SUPPORT BRACKET MK 'BR2' - 2 OFF REQ'D
SUPPORT BRACKET MK 'BR2x' - 2 OFF REQ'D TO OPP. HAND
SCALE 1:12,5

SUPPORT BRACKET MK 'BR1' - 2 OFF REQ'D
SUPPORT BRACKET MK 'BR1x' - 2 OFF REQ'D TO OPP. HAND
SCALE 1:12,5

NOTES:

1. QUANTITIES SHOWN ARE FOR ONE ITEM ONLY.
2. ALL STEELWORK TO BE GRADE 350W, TO SANS 1431 AND HOT DIP GALVANISED TO SANS 121.
3. FABRICATION TOLERANCE TO BE + OR - 2mm.
4. HOLES TO BE DIA.18 FOR M16 GRADE 8.8 BOLTS HOT DIP GALVANIZED.
5. THE CONTRACTOR SHALL SUPPLY ALL NUTS, BOLTS, WASHERS, ETC, REQUIRED FOR ERECTION.
6. ALL WELDING SYMBOLS TO SANS 10044.
7. ALL PORTIONS OF WELDED JOINTS, NOT SEALED BY STRUCTURAL WELD, SHALL BE SEAL WELDED.
8. ALL MARKS TO BE STAMPED ONTO STEELWORK AND SHALL BE CLEARLY LEGIBLE AFTER GALVANISING.
9. ALL WORK SHALL COMPLY WITH SANS 1200 SERIES SPECIFICATIONS.

MASS OF STEELWORK	474,2 kg
MASS OF GRADE 8.8 BOLTS	5,42 kg
MASS OF GRATING	70 kg
TOTAL	549,6 kg

BOLT SCHEDULE
STRENGTH GRADE 8.8

MARK	TYPE	LENGTH	No OFF	WASHER
1	M 12	40	50	FLAT
2	M 16	45	8	FLAT
3	M 16	50	4	FLAT

NOTES ON BOLTS:
1 - BOLTS TO BE SUPPLIED WITH ONE NUT AND WASHER.
2- BOLTS ERECTED WITH HEAD TO INSIDE PREFERRED.
3- WASHER TO BE PLACED UNDER NUT.
4- ALL BOLTS TO BE GALVANIZED.

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REFERENCE DRAWINGS
3	GEN. REV. & HEIGHT OF PLATFORM LVL REV.	PHD	DJS	DJS	28/02/12	
2	SHEET No. & TITLE REVISED	PHD	DJS	DJS	21/02/12	
1	SHEET No. & TITLE REVISED	PHD	DJS	DJS	09/09/11	

APPROVED BY D.J.S. DATE 25/09/2010
CHECKED BY P.D. DATE 20/10/2010
DRAWN BY S.M. DATE 21/09/2010
SCALE as shown

Eskom Transmission

ESKOM HOLDINGS LIMITED
REG NO. 2002/015527/06

400 kV YARD STEELWORK
FLOODLIGHT / EARTHWIRE STEEL PLATFORM STEEL ARRANGEMENT AND DETAILS

©

0.54/6106

SHEET NUMBER 1 | REVISION 3

SIZE GROOTTE A0