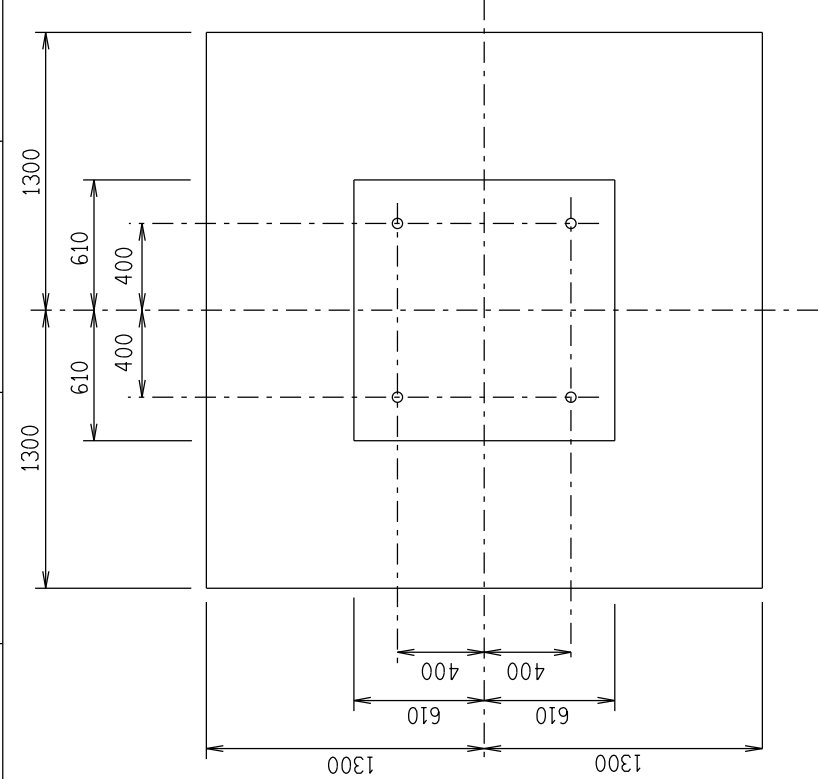
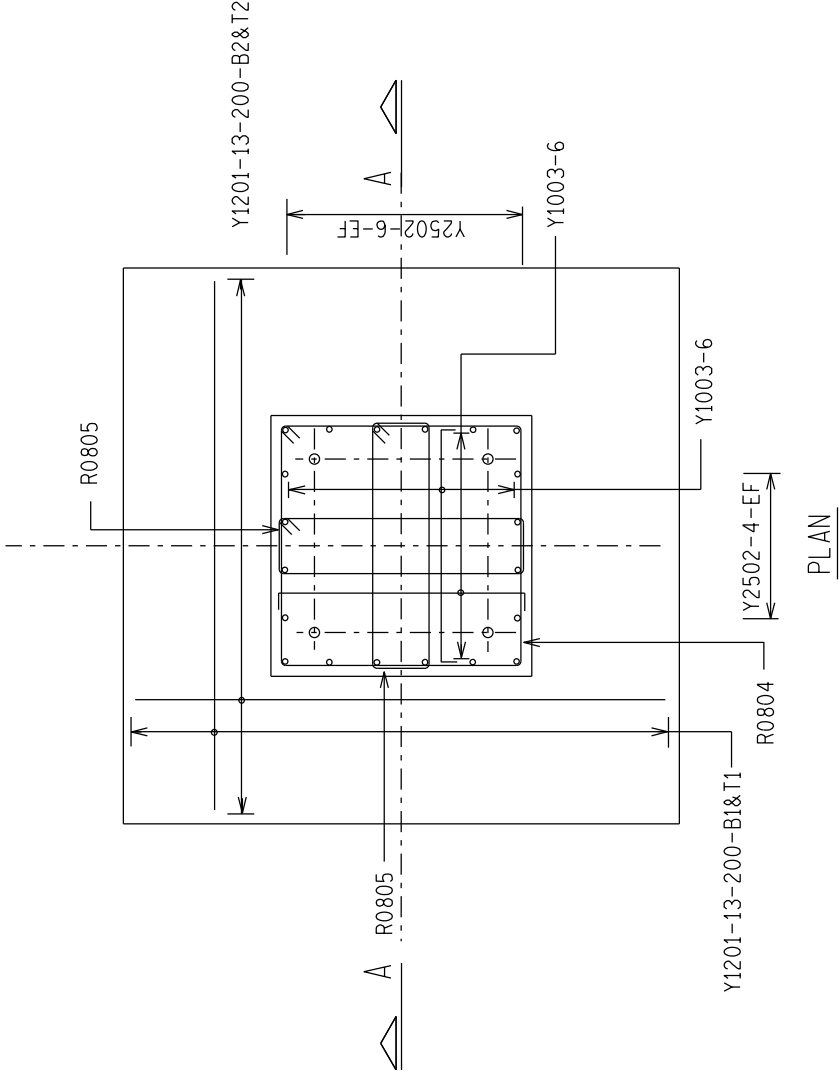
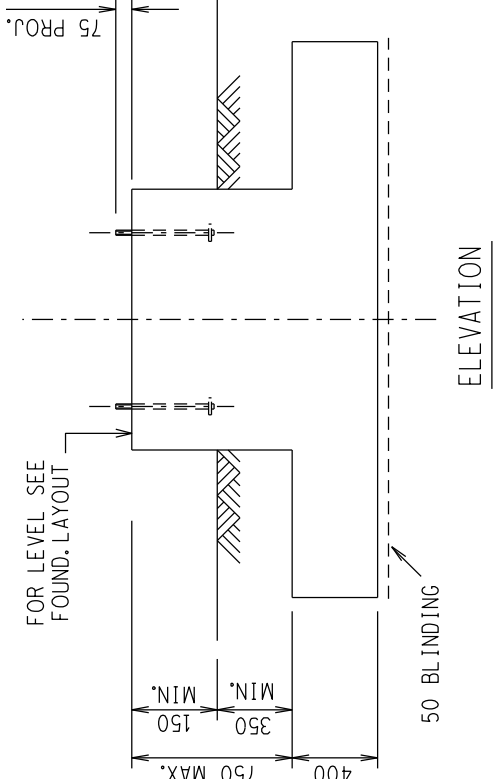




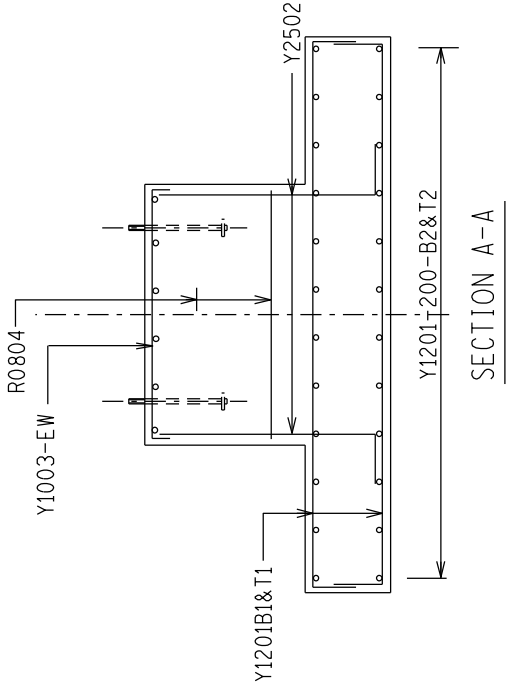
PLAN



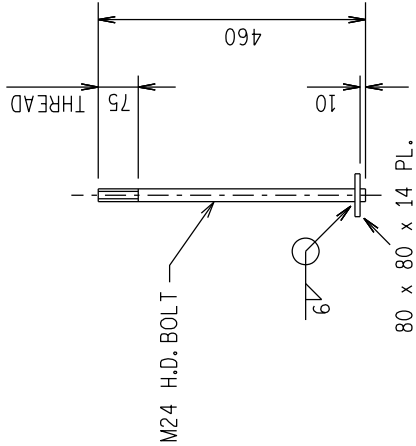
PLAN



ELEVATION



SECTION A-A



MASS OF ONE BOLT COMPLETE WITH
NUT AND WASHER = 2,5 kg
TOTAL MASS = 10 kg

H.D. BOLT DETAIL (4 OFF) N.T.S.

ITEM AND No OFF	BARS					STANDARD SHAPES BENDING DIMENSIONS mm	
	Y or R	Dia	MK.	No OFF			TOTAL LENGTH m
				PER ITEM	TOTAL		
BASE. 1 OFF.	Y 12	01		52	2950	38 260 2500	
	Y 25	02		20	B	37 A -	
	Y 10	03		12	1400	35 1100 -	
	R 08	04		C	4700	60 1120 1120	
	R 08	05		D	2950	60 1120 260	

A = (LENGTH PLINTH-50)+320
B = A+530
C = (A/300) +1
D = (A/300) +1 x2

NOTES:

1. CONCRETE STRENGTH AT 28 DAYS/STONE SIZE:BLINDING = 15/19 FOUNDATIONS = 25/19
2. MIN. CONCRETE COVER TO REINFORCEMENT = 50 mm.
3. a.) H.D.BOLTS SUPPLIED BY CIVIL CONTRACTOR COMPLETE WITH NUTS AND WASHERS TO BE HOT DIPPED GALVANISED TO SABS 763
4. b.) THREADS OF NUTS TO BE OVER-CUT TO SABS 763 TO ALLOW FOR THICKNESS OF GALVANISING
5. FORMWORK TO EXTEND AT LEAST 150mm BELOW GROUND LEVEL.
6. ALL WELDING AND WELDING SYMBOLS TO S.A.B.S. 044
7. STEEL TEMPLATE TO BE USED FOR SETTING H.D.BOLTS
8. 30MPa FLOWABLE NON-SHRINK GROUT UNDER BASE PLATE ONLY IF REQUIRED
9. ALL TOP EDGES OF CONCRETE TO HAVE 20x20 CHAMFERS
10. ALL WORK TO BE IN ACCORDANCE WITH SABS 1200 SERIES SPECIFICATION
11. CONCRETE FINISH : TOP OF FOUNDATION - WOOD FLOAT FINISH
12. : SIDES - SMOOTH OFF SHUTTER FINISH
13. THESE FOUNDATIONS HAVE BEEN DESIGNED TO FOUND ON COMPETENT FOUNDING MATERIAL HAVING A MIN. GROUND BEARING CAPACITY OF 80 kPa. IN ALL CASES COMPETENCY OF FOUNDING MATERIAL MUST BE ESTABLISHED BY A QUALIFIED GEOTECHNICAL ENGINEER

REV	DESIGN APPROVED	REVISION DESCRIPTION				REFERENCE DRAWINGS			
		BY	CHKD	AUTH	DATE	0.68/			
0									
DESIGN APPROVED		REVISION DESCRIPTION				REFERENCE DRAWINGS			
DATE									
DESIGN CHECKED									
DATE									
DRAWN BY									
PM. MENU									
DATE 25/02/2003									
SCALE 1:50									



765 kV YARD STEELWORK

EQUIPMENT SUPPORT
PAD TYPE FOUNDATION
DETAILS

0.54/5874

SHEET NUMBER	REVISION
	0

SCALE 1:50

SIZE A2

12

11

10

9

8

7

6

5

4

3

2

1