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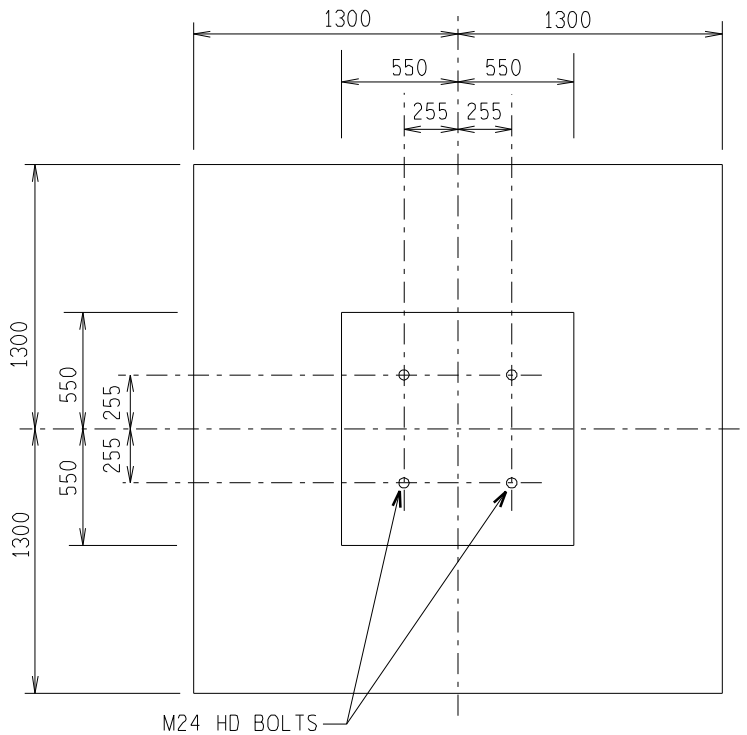
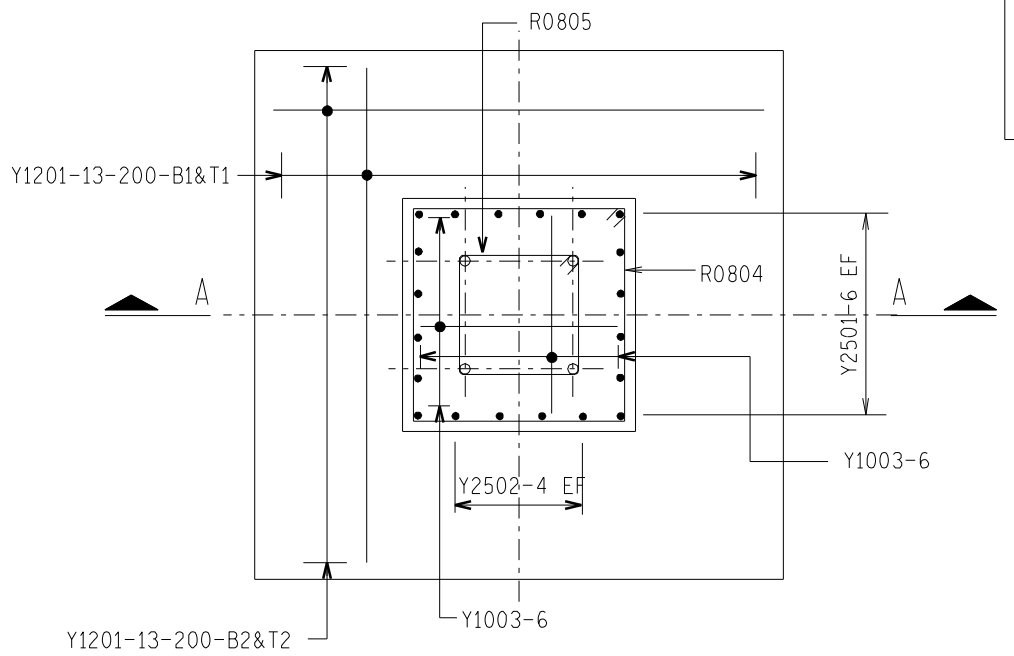


PLAN



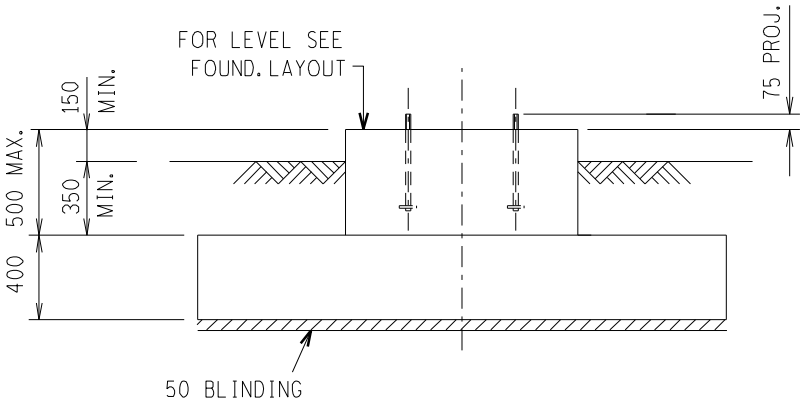
PLAN

ITEM AND No OFF	BARS						SHAPE CODE	STANDARD SHAPES BENDING DIMENSIONS mm					
	Y or R	DIA.	MK.	No OFF PER ITEM	No OFF TOTAL	CUTTING LENGTH mm		A	B	C	D	E	R
FOUNDATION	Y	12	01		52	3000	38	2500	270				
	Y	25	02		20	A	37	B	-				
	Y	10	03		12	1250	35	980					
	R	08	04		C	4200	60	1000	1000				
	R	08	05		2	2450	60	560	560				

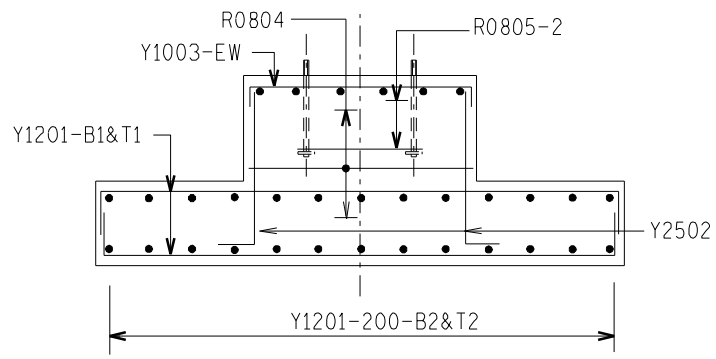
B = (LENGTH OF PLINTH - 50) + 275

A = B + 700

C = ($^{B}/_{300}$) + 1



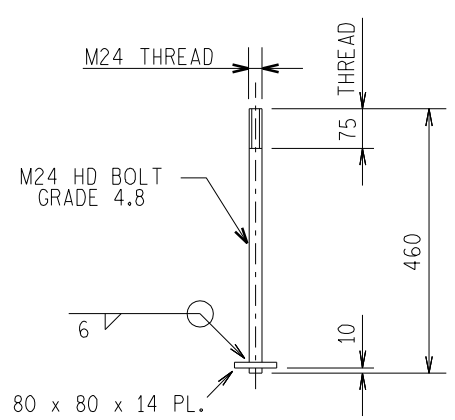
ELEVATION



SECTION A-A

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
   b.) THREADS OF NUTS TO BE OVER-CUT TO SABS 763 TO ALLOW FOR THICKNESS OF GALVANISING
4. FORMWORK TO EXTEND AT LEAST 150mm BELOW GROUND LEVEL.
5. ALL WELDING AND WELDING SYMDOLS TO S.A.B.S. 044
6. STEEL TEMPLATE TO BE USED FOR SETTING H.D.BOLTS
7. 30MPa FLOWABLE NON-SHRINK GROUT UNDER BASE PLATE ONLY IF REQUIRED
8. ALL TOP EDGES OF CONCRETE TO HAVE 20x20 CHAMFERS
9. ALL WORK TO BE IN ACCORDANCE WITH SABS 1200 SERIES SPECIFICATION
10. CONCRETE FINISH : TOP OF FOUNDATION - WOOD FLOAT FINISH
    : SIDES - SMOOTH OFF SHUTTER FINISH
11. FOUNDATIONS TO FOUND ON MATERIAL HAVING A GROUND BEARING PRESURE OF min 150KPa. AND TO BE APPROVED BY A GEOTECHNICAL ENGINEER



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

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

REV	AUTH MAG	DATE DATUM	REVISION/REVISIES	BY DEUR	CHKD NAGES	
6	DJC.S	10/99	HD BOLT GRADE AND NOTE 11 ADDED	DJC.S.	DBN	
5	DJC.S	1/97	REINFORECEMENT AND NOTES REVISED	DJC.S.	DBN	
4	DJC.S	1/97	BASE SIZE INCREASED	DBN	JJN	
3	MvdE	15/3/95	RE-DESIGNED AND REDRAWN.	A.D.		
0			FIRST ISSUE / EERSTE UITREIKING			4160 SUPPORT
			INDEX REF/INDEKSVERW F1,S9			0.54/ REFERENCE DRAWINGS VERWYSINGSTEKENINGE

DRG.TEK REGISTR

CHKD NAGES

DRAWN GETEKEN

SCALE SKAAL 1:25

PLOT SCALE: 500:1

CAD DRAWING NAME: FBFNDT.DGN

TRANSMISSION SUBSTATION TECHNOLOGY DEPARTMENT

ESKOM

APPROVED

GOEDGEKEUR M.VAN DEN ENDE 16/3/95

FOUNDATION FOR STAINLESS STEEL FIRE BARRIER

0.54/4169

REV 6

SIZE GROOTTE A2L