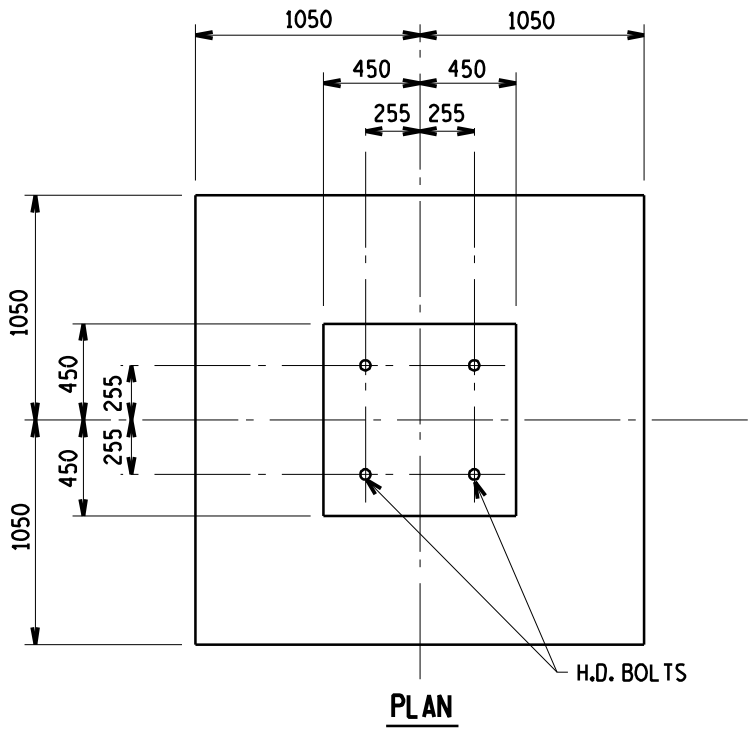
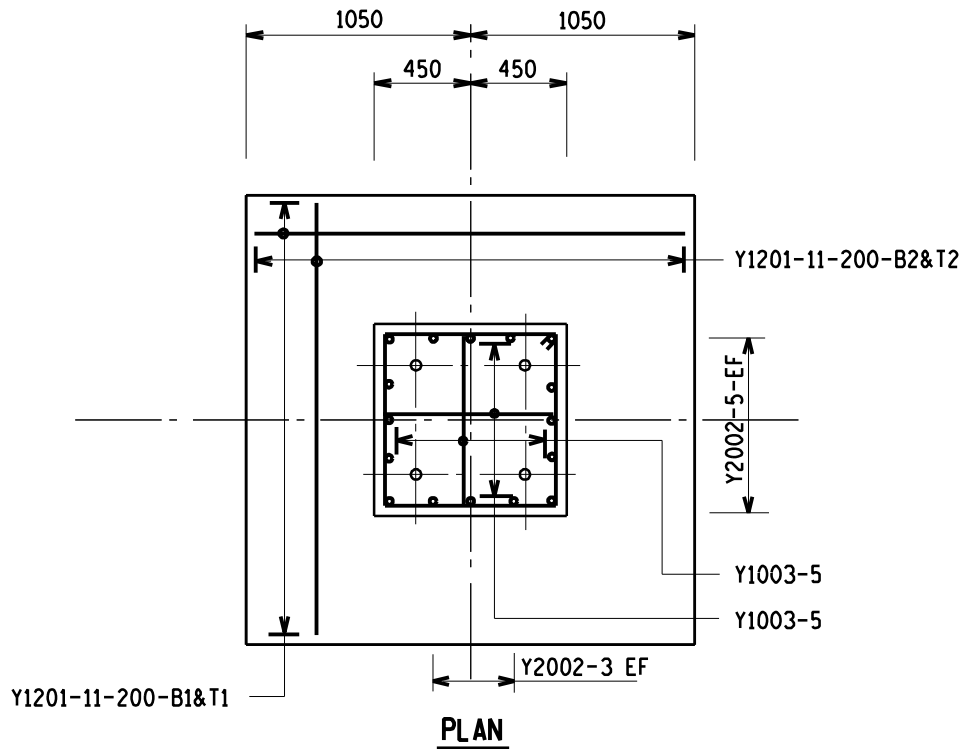


PLAN



PLAN

ITEM AND No OFF	BARS Y or R	DIA.	MK.	No OFF PER ITEM	No OFF TOTAL	CUTTING LENGTH mm	TOTAL LENGTH m	SHAPE CODE	STANDARD SHAPES BENDING DIMENSIONS mm A	B	R
BASE. 1 OFF.	Y	12	01		44	2450		38	250	2000	
	Y	20	02		16	A		37	B	-	
	Y	10	03		10	1050		35	800		
	R	08	04		C	3400		60	800	800	

B = (LENGTH OF PLINTH - 50) + 325

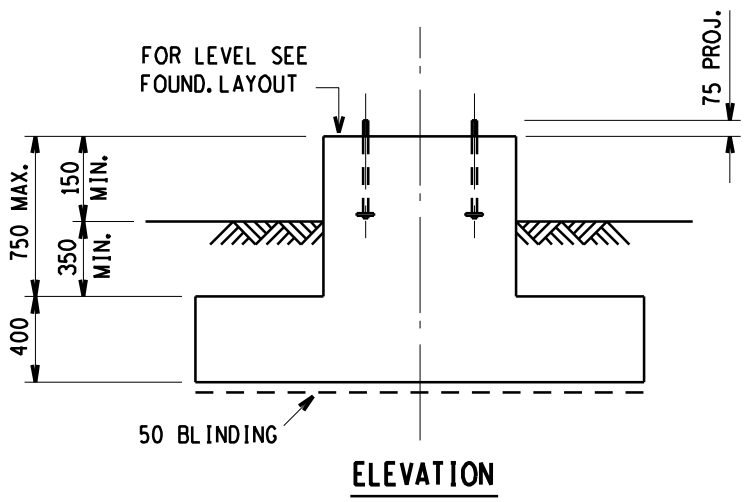
A = B + 520

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

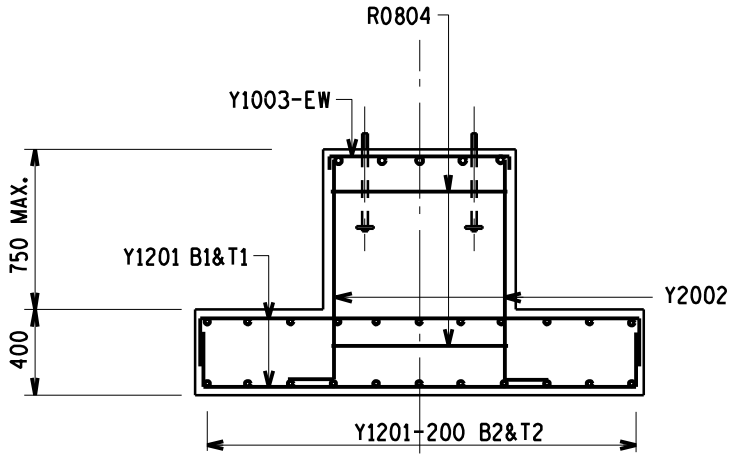
NOTES:

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

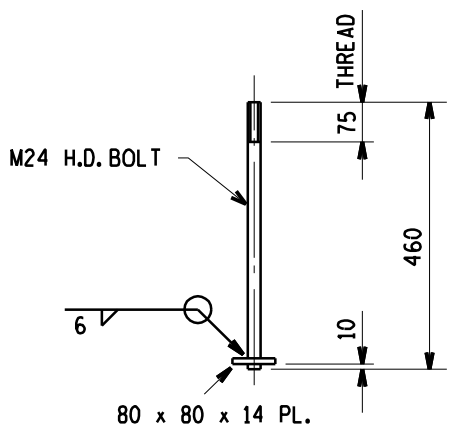
THESE FOUNDATIONS HAVE BEEN DESIGNED TO FOUND ON COMPETENT FOUNDING MATERIAL HAVING A MIN. GROUND BEARING CAPACITY OF 80 KPa. IN ALL CASES COMPETENCY OF FOUNDING MATERIAL MUST BE ESTABLISHED BY A QUALIFIED GEOTECHNICAL ENGINEER



ELEVATION



ELEVATION



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
3	DJC.S	3/03	REBAR MK. 01 CHANGED	DBN	DJC.S
2	DJC.S	2/00	REBAR MK. 01 CHANGED	DBN	DJC.S
1	DJC.S	3/99	REINFORCEMENT AND NOTES REVISED	DJC.S	DBN.
0			FIRST ISSUE / EERSTE UITREIKING		

INDEX REF/INDEKSVERW F1,S9

0.54/ REFERENCE DRAWINGS VERWYSINGSTEKENINGE

305	MED. SUPPORT 4,0m
304	MED. SUPPORT 3,5m
303	MED. SUPPORT 3,0m
302	MED. SUPPORT 2,5m
301	MED. SUPPORT 2,0m

THIS DRAWING HAS BEEN CREATED ON A C.A.D. SYSTEM AND ANY AMENDMENT TO THE DRAWING MUST BE EFFECTED ONLY ON THE SAME C.A.D. SYSTEM

THE C.A.D. REFERENCE NUMBER IS: MUTS0,54 04358L000.R00

NMESFND.DGN
PLOT=500:1

TRANSMISSION SUBSTATION TECHNOLOGY DEPARTMENT
ESKOM

MEDIUM EQUIPMENT SUPPORT
PAD TYPE FOUNDATION DETAIL

CHKD NAGES					
DRAWN GETEKEN	R.J.C.	29/6/93	APPROVED M.VAN DEN ENDE	GOEDGEKEUR	
SCALE SKAAL	1:25		12/7/93		

0.54/4358 REV 3

SIZE GROOTTE A2L

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