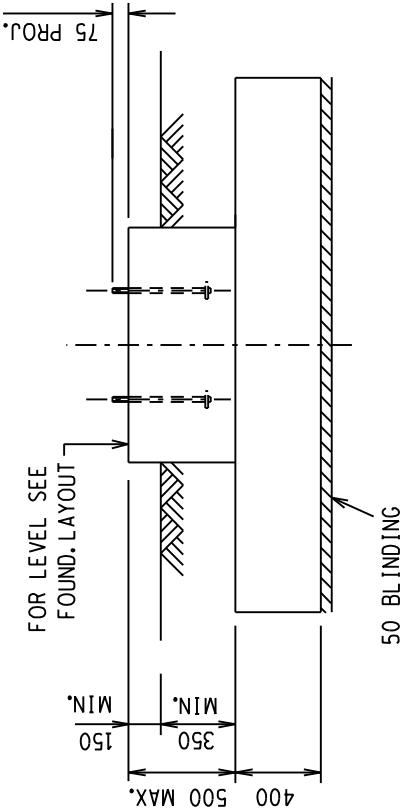
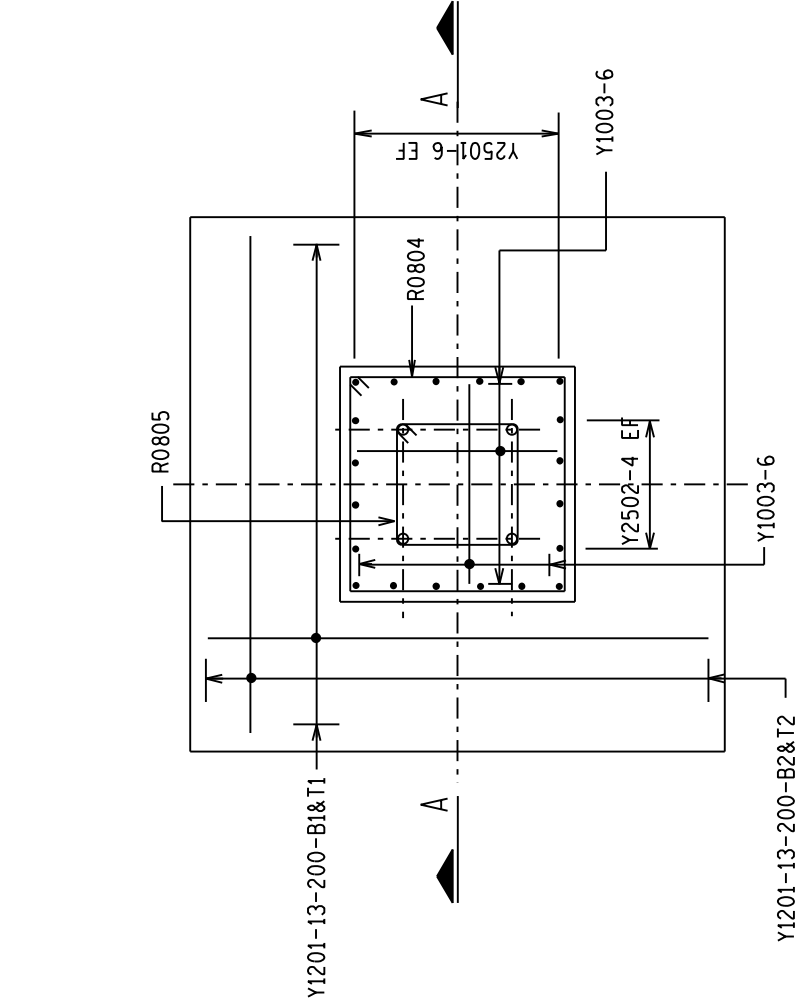


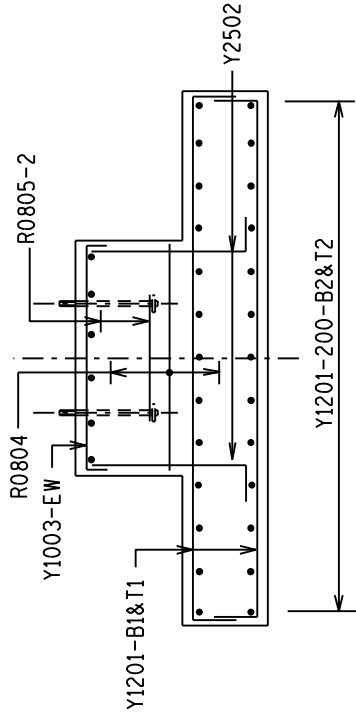
PLAN



ELEVATION



PLAN



SECTION A-A

ITEM AND No OFF	BARS				SHAPE CODE	STANDARD SHAPES BENDING DIMENSIONS mm				
	Y OF R	MK. D	No PER ITEM	OFF TOTAL		A	B	C	D	E
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				
	R 08	05	2	2450	60	560				

$B = (\text{LENGTH OF PLINTH} - 50) + 275$

$A = B + 700$

$C = (B/300) + 1$

NOTES:

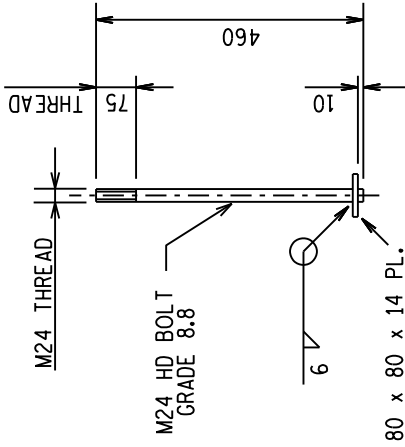
A

- 1.) CONCRETE STRENGTH AT 28 DAYS/STONE SIZE :BLINDING = 15/19
FOUNDATION = 25/19
CONCRETE CASTED IN FOUNDATION:
SLUMP VALUE 75mm (TOLERANCE +25mm)

- 2.) MIN. COVER TO REINFORCEMENT TO BE 50mm
3 a.) HD BOLTS (GRADE 8.8) SUPPLIED BY CIVIL CONTRACTOR COMPLETE WITH NUTS & WASHERS TO BE HOT DIPPED GALVANISED TO SANS 121
b.) THREAD TO BE OVER-CUT TO SANS 121 TO ALLOW FOR THICKNESS OF GALVANISING

- 4.) FORMWORK TO EXTEND AT LEAST 150mm BELOW GROUND LEVEL
5.) ALL WELDING AND WELDING SYMBOLS TO SANS 10044
6.) STEEL TEMPLATE TO BE USED FOR SETTING OUT OF HD BOLTS
7.) 30 MPa FLOWABLE NON-SHRINK GROUT UNDER BASE PLATES ONLY IF REQUIRED
8.) ALL TOP EDGES TO HAVE 20 x 20 CHAMFER
9.) ALL WORK TO BE IN ACCORDANCE WITH SANS 1200 SERIES OF SPECIFICATIONS
10.) CONCRETE FINISH : TOP OF FOUNDATION - WOOD FLOAT FINISH
SIDES OF FOUNDATION - SMOOTH OFF SHUTTER FINISH
11.) THESE FOUNDATIONS HAVE BEEN DESIGNED TO FOUND ON COMPETENT FOUNDING MATERIAL. IN ALL CASES COMPETENCY OF FOUNDING MATERIAL MUST BE ESTABLISHED BY A QUALIFIED GEO-TECHNICAL 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



7	D.C.S	4/9/16	HD BOLT AND NOTES REVISED	PHD	DBN
6	D.C.S	10/99	HD BOLT GRADE AND NOTE 11 ADDED	D.C.S.	DBN
5	D.C.S	1/97	REINFORCEMENT AND NOTES REVISED	D.C.S.	DBN
4	D.C.S	1/97	BASE SIZE INCREASED	DBN	J.N
3	MvdE	15/3/95	RE-DESIGNED AND REDRAWN.	A. D.	
0			FIRST ISSUE / EERSTE UITREIKING		
REV	AUTH MAC	DATE	INDEX REF / INDEXVERW	BY DEUR	CHMD NAGES
DRG. TEK REGISTR			F1,S9		

TRANSMISSION SUBSTATION TECHNOLOGY DEPARTMENT		FOUNDATION FOR STAINLESS STEEL FIRE BARRIER	
CHMD IMAGES	APPROVED	GOEDKEUR M.VAN DEN ENDE	REV 7
DRAWN GETEKEN	1:25	16/3/95	0.54/4169
SCALE SKAAL			
PLOT SCALE: 500:1		SIZE GROOTE A2L	
CAD DRAWING NAME: FBFNOT.DGN		12	