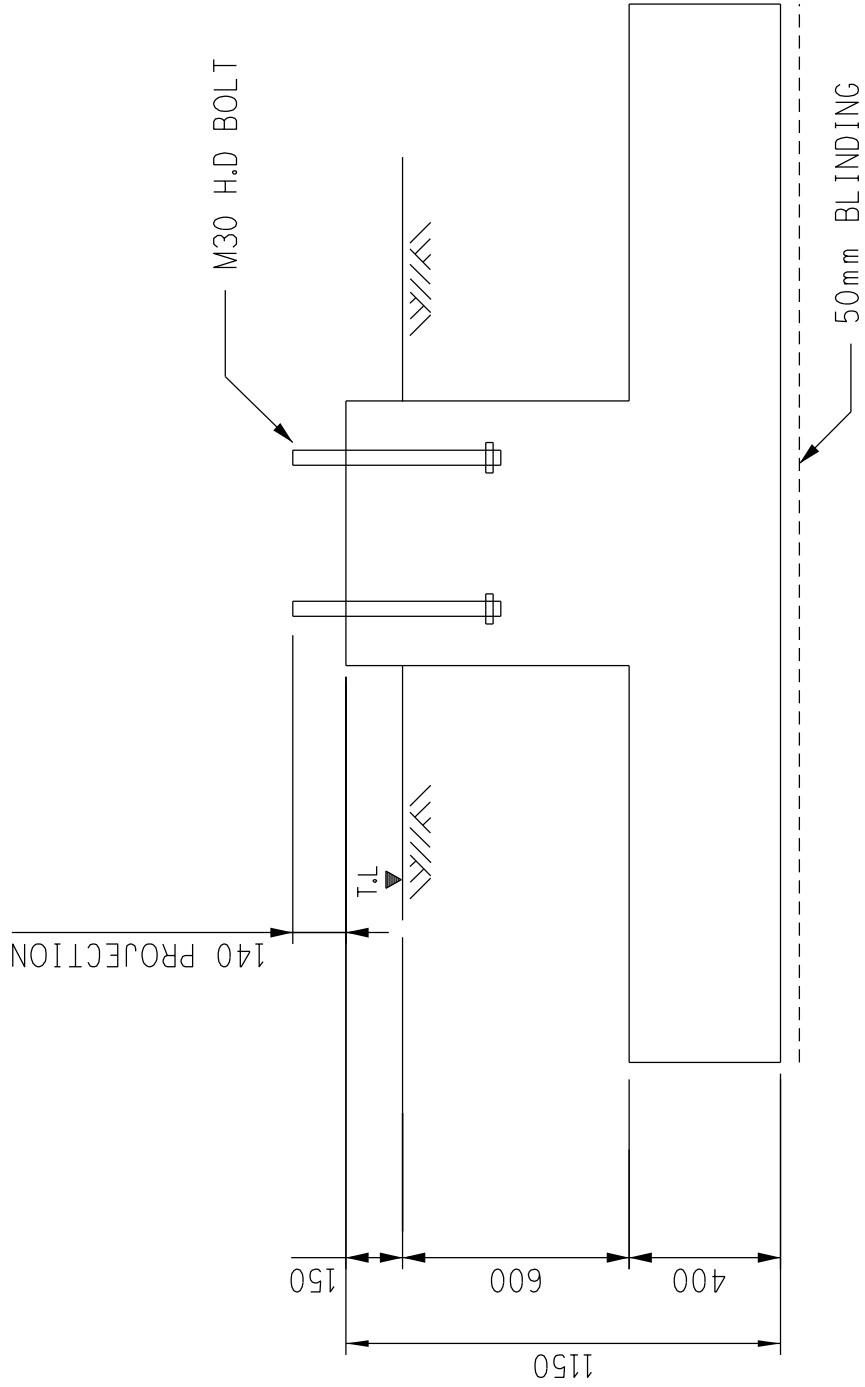


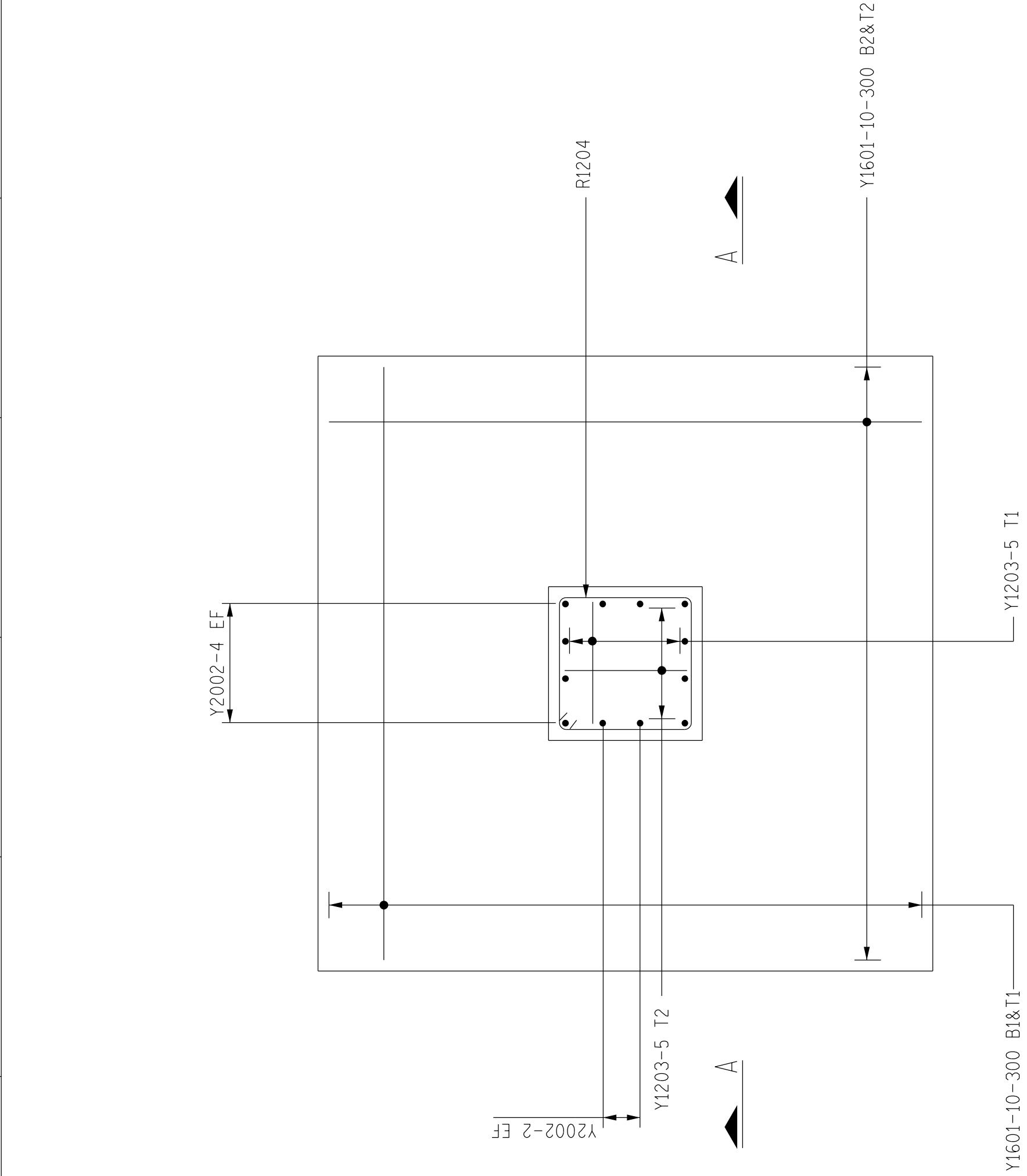
PLAN - CONCRETE



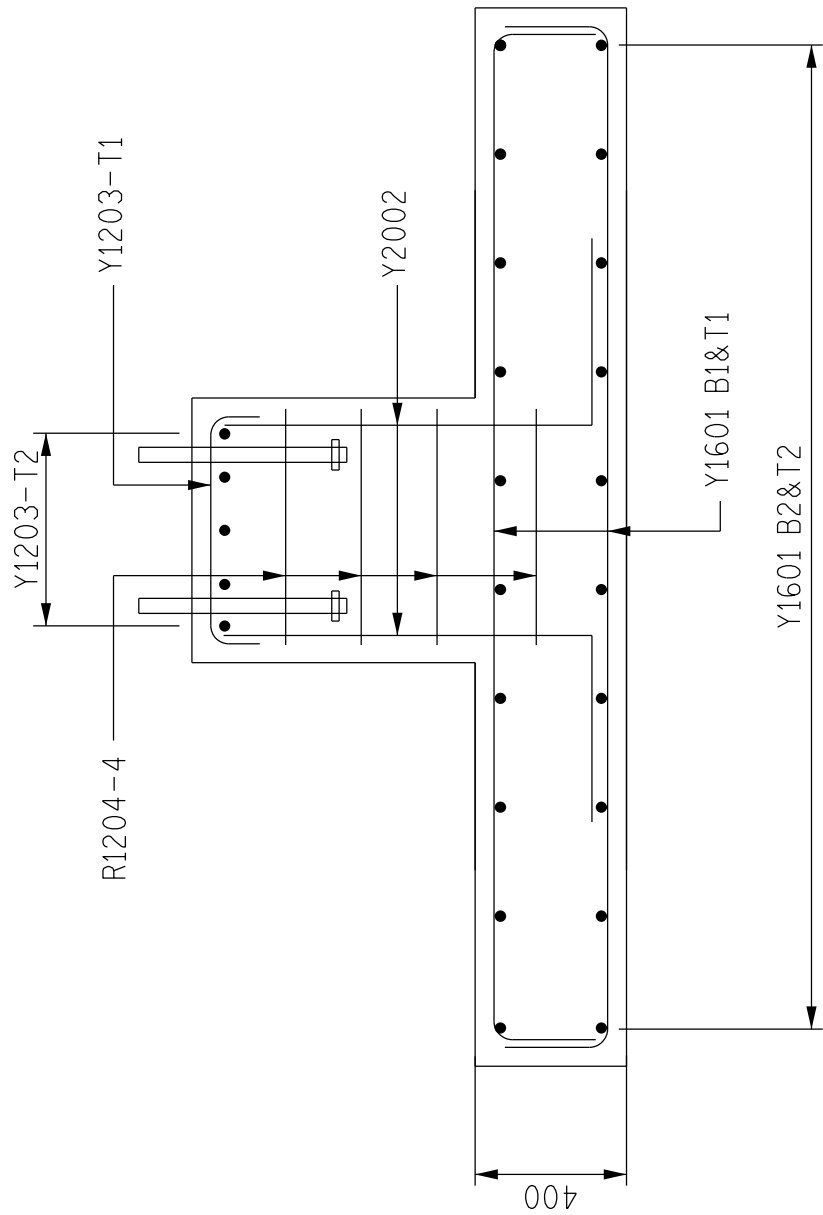
TYPICAL SECTION

ITEM AND No OFF	BARS				5 RPM CODE	STANDARD SHAPES BENDING DIMENSIONS mm							
	Y or R	4 or 5	MK.	No OFF PER TOTAL ITEM		CUTTING LENGTH mm	TOTAL LENGTH m	A	B	C	D	E	R
FOUNDATION	Y 16 01			40	3150			38	270	2700			
	Y 20 02			12	4150			37	1010				
	Y 12 03			10	850			38	130	630			
	R 12 04			4	2600			60	600	600			

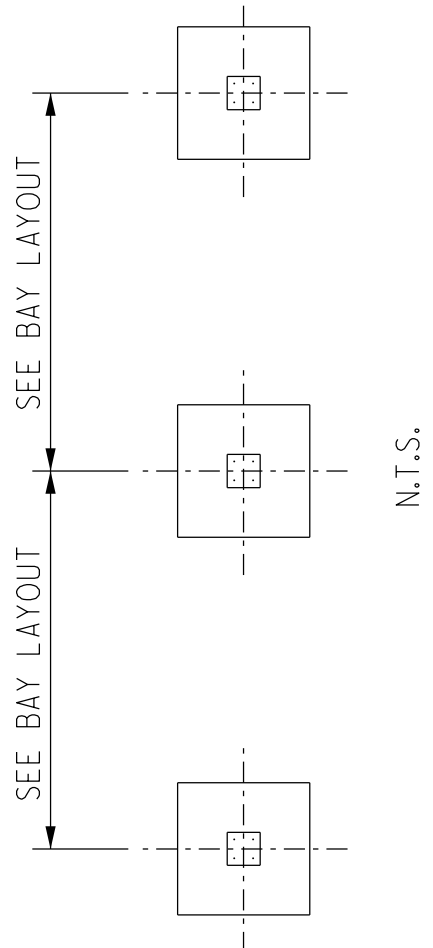
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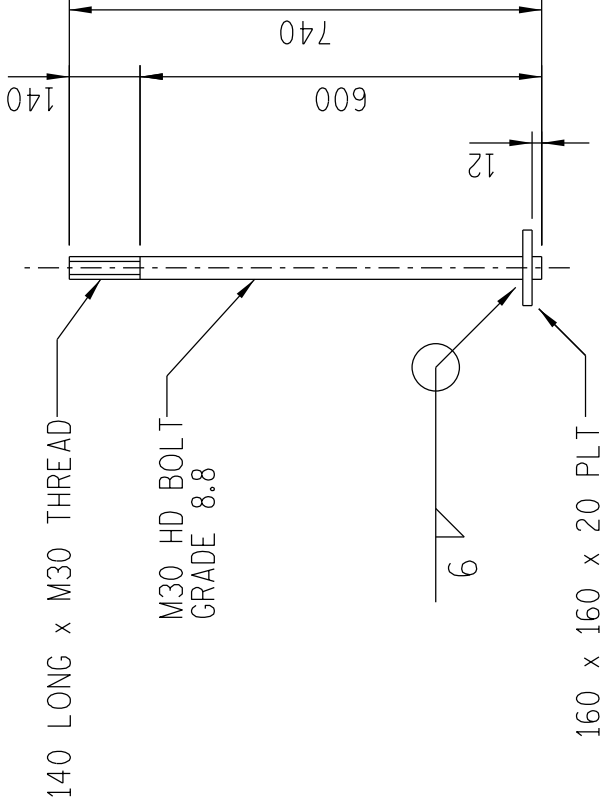
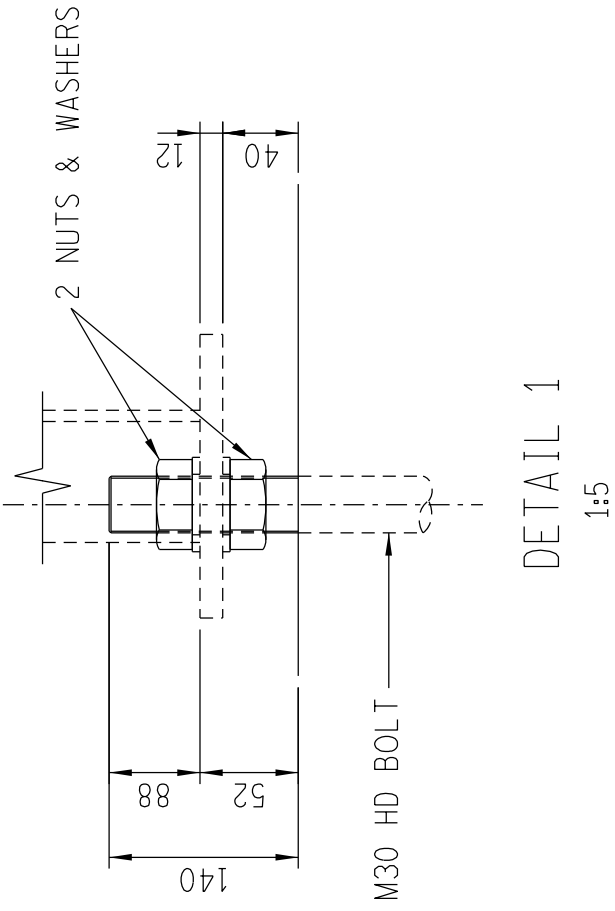
PLAN - REINFORCEMENT



SECTION A-A



8



H.D. BOLT DETAIL - 4 OFF  
N.T.S

NOTES :

- 1.) CONCRETE STRENGTH AT 28 DAYS/STONE SIZE -BLINDING = 15/19  
FOUNDATION = 25/19
- 2.) MIN. COVER TO REINFORCEMENT TO BE 50mm
- 3 a.) HD BOLTS (GRADE 4.8) SUPPLIED BY CIVIL CONTRACTOR COMPLETE  
WITH NUTS & WASHERS TO BE HOT DIPPED GALVANISED TO SANS 121  
b.) THREAD TO BE OVER-OUT 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 - SMOOTH OFF SHUTTER 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

1	BASE DEPTH,BOLT GRADE & REBAR DIMENSIONS ADJUSTED.	AT	PHD	DUCS 29/07/13	6433	SHT.2-PADIS(5x25)
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	0.54/ REFERENCE DRAWINGS
APPROVED BY		ESKOM HOLDINGS LIMITED				
D.J.SENEKAL		REG NO.				
DATE 26/10/2010		2002/015527/06				
CHECKED BY		400 kV				
J.MTOLA		ABB CIRCUIT BREAKER (50kA RATING)				
DATE 26/10/2010		TYPE HPL 420B2 & LTB 420E2				
DRAWN BY		© CIRCUIT BREAKER FOUNDATION (PAD 2,8x2,8)				
S.MDLALANE		SHEET NUMBER				
DATE 13/10/2010		REVISION				
SCALE 1:20		0.54/7868				
		1				

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