

SECTION 'A'-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

SECTION 'B'-B'

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
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REINFORCEMENT SCHEDULE						
ITEM AND N° OFF	BARS			CUTTING LENGTH m	TOTAL LENGTH m	STANDARD SHAPES BENDING DIMENSIONS mm
	Y OR R	DIA. mm	N° OFF PER ITEM			
BEAM 1 N° OFF	Y	10	01	2	1200	20
AREA OF MESH REFERENCE No. 245 = 1,5m²						

5	D.J.C.S	23/12 2015	HD BOLT & NOTES REVISED	PHD	DBN
4	A. D.	28/01 2004	DIMENSIONS ADDED.	A. D.	A. D.
3	D.J.C.S	2000	LAYOUT ADDED AND SHEET TO NUMBER ADDED	D.J.C.S	D.J.C.S
2	D.J.C.S	01/98	FOUNDATION REVISED.	D.J.C.S	D.J.C.S
1	M.v.d.E	01/95	HEIGHT OF FOUNDATION REVISED.	A. D.	ADR
0			FIRST ISSUE / EERSTE UITREIKING		
REV	AUTH MAG	DATE DATUM	REVISION/REVISTIES INDEX REF/INDEXVERW	BY DEUR	CHKD NAGES
DRG.TEK REGISTER			F1, S9		
			TRANSMISSION SUBSTATION ENGINEERING		
					
			ESKOM		
CHKD NAGES			APPROVED	GOEDGEKUR M. v/d ENDE.	REV
DRAWN GETEKEN		19.12. 1994			
SCALE SKAAL	1 : 10			11/1/95	
JUNCTION BOX FOUNDATION DETAIL 1995 ONWARDS.					0.54/4713
					5
					SHEET 1