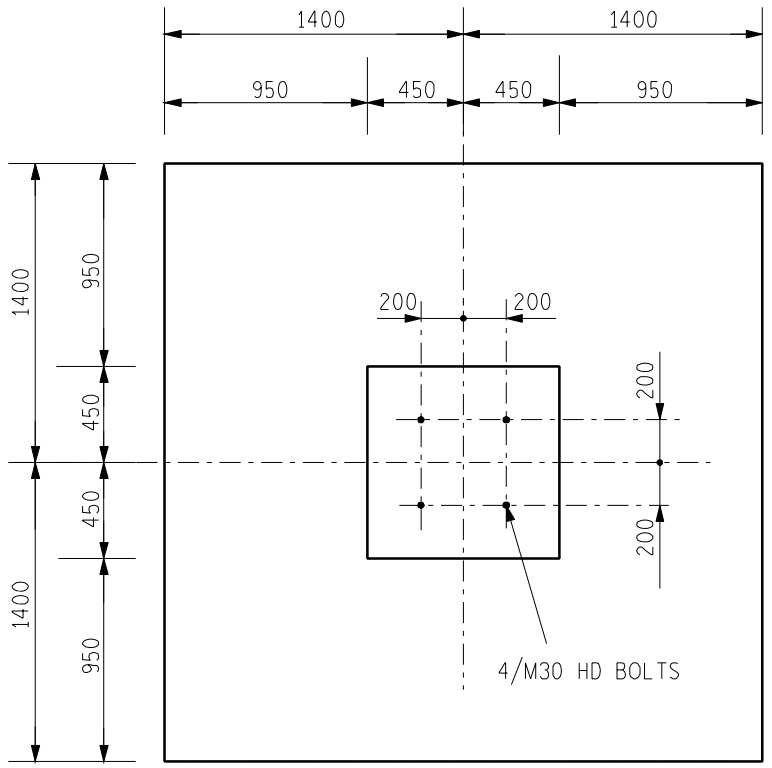
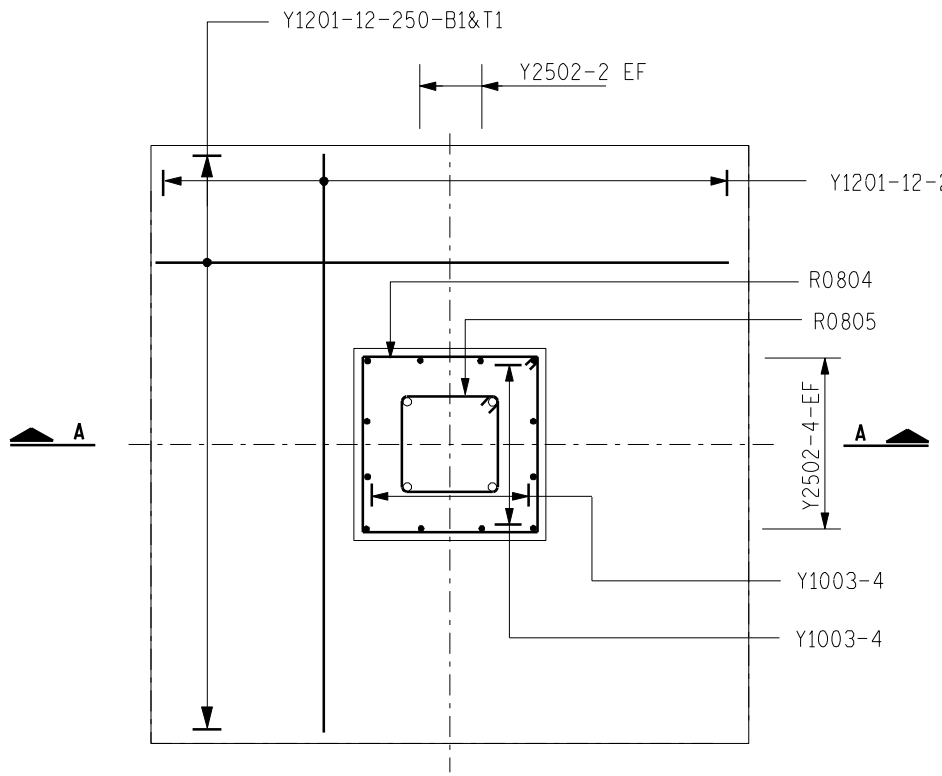



PLAN
1:20




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 | | 48 | 3000 | | 38 | 170 | 2700 | |
| | Y | 25 | 02 | | 12 | B | | 37 | A | - | |
| | Y | 10 | 03 | | 8 | 1050 | | 35 | 780 | | |
| | R | 08 | 04 | | 4 | 3400 | | 60 | 800 | 800 | |
| | R | 08 | 05 | | 2 | 2000 | | 60 | 450 | 450 | |

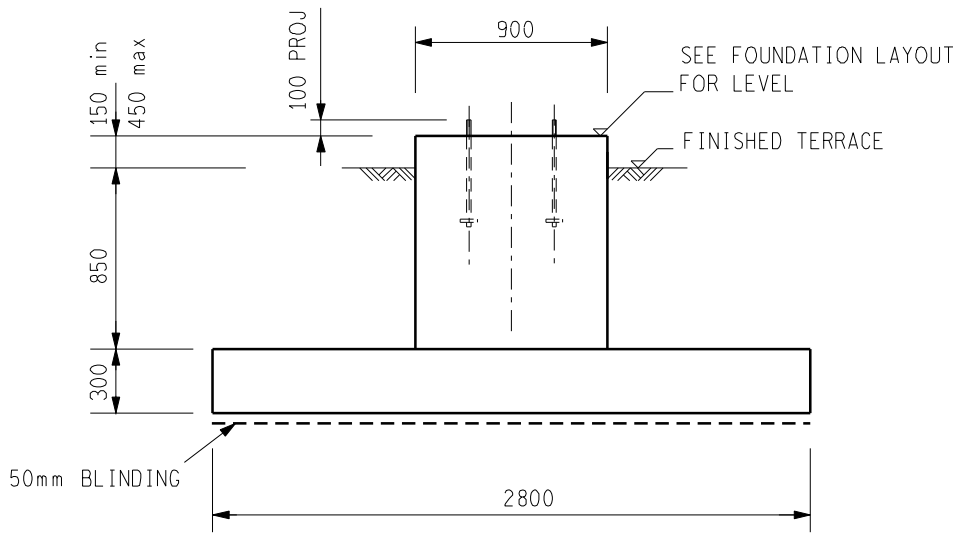
A = ( VARIABLE PLINTH HEIGHT -50 ) + 230

B = A + 570

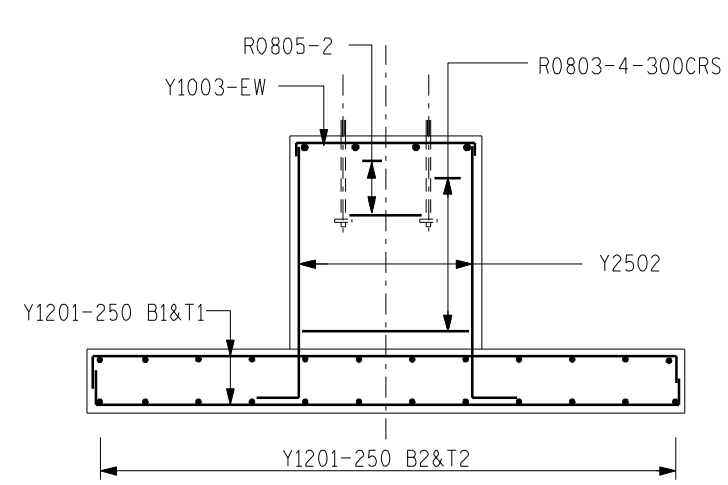
**NOTES:**

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 SANS 121
   b.) THREADS OF NUTS TO BE OVER-CUT TO SANS 763 TO ALLOW FOR THICKNESS OF GALVANISING
4. FORMWORK TO EXTEND AT LEAST 150mm BELOW GROUND LEVEL.
5. ALL WELDING AND WELDING SYMDOLS TO SANS 10044
6. STEEL TEMPLATE TO BE USED FOR SETTING H.D.BOLTS
7. 30MPa FLOWABLE NON-SHRINK GROUT UNDER BASE PLATE ONLY IF ALLIGNMENT NUT IS USED UNDER BASEPLATE.
8. ALL TOP EDGES OF CONCRETE TO HAVE 20x20 CHAMFERS
9. ALL WORK TO BE IN ACCORDANCE WITH SANS 1200 SERIES SPECIFICATION
10. CONCRETE FINISH : TOP OF FOUNDATION - WOOD FLOAT FINISH
    : SIDES - SMOOTH OFF SHUTTER FINISH
11. THIS FOUNDATION HAS BEEN DESIGNED TO FOUND ON COMPETENT FOUNDING MATERIAL HAVING A MIN. BEARING PRESSURE OF 80kPa IN ALL CASES COMPETENCY OF FOUNDING MATERIAL MUST BE ESTABLISHED BY A QUALIFIED GEOTECHNICAL ENGINEER

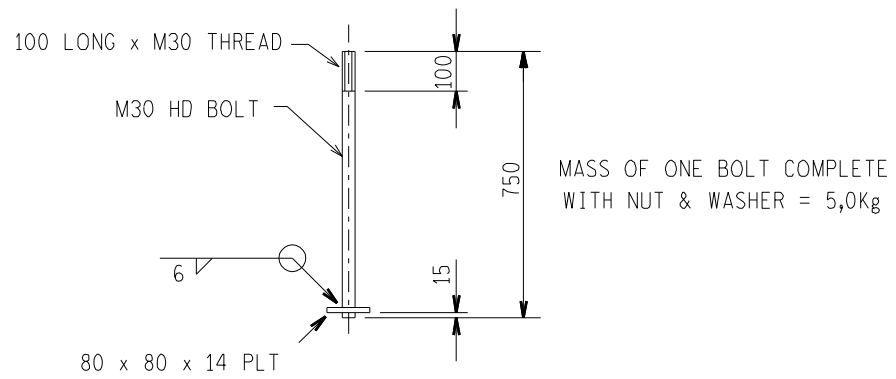
FOR APPLICATION OF FOUNDATIONS TYPE 1 AND TYPE 2 SEE DRG 0.54/315




ELEVATION
1:20




SECTION A-A




H.D. BOLT DETAIL

| REV | REVISION DESCRIPTION | BY | CHKD | AUTH | DATE | | |
|---|---|---|---|---|---|---|---|
| 7 | FND RE-DESIGN AS PAD TYPE 1 & 2 FND'S | DJC.S. | DB.N. | DJC.S. | 12.07.06 | 315 | BUSBAR SUPP |
| | | | | | | 0.54 | REFERENCE DRAWINGS |

APPROVED BY DJC.Senekal
DATE 07.02.2006

CHECKED BY DB.N.
DATE 01.11.2005

DRAWN BY DJC.S.
DATE 01.11.2005

SCALE AS SHOWN

Eskom Transmission

ESKOM HOLDINGS LIMITED
REG NO.
2002/015527/06

# TRFR TERTIARY BUSBAR

## PAD FOUNDATION TYPE 1

©

| SHEET NUMBER | REVISION |
|---|---|
| 0.54/316 | 1 OF 2 — 7 |

SIZE GROOTTE A2L

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