

SECTION A-A  
1:100

DETAIL 'C'

1:2

NOTES:

1. CONSTRUCTION WORK TO COMPLY WITH S.A.B.S. 1200
2. CONCRETE STRENGTH AT 28 DAYS/STONE  
SIZE, BUILDING = 15/19  
FOUNDATION = 25/19  
CONCRETE CASTED IN FOUNDATION SLUMP VALUE 75mm  
(TOLERANCE  $\pm 25$ mm)
3. MIN. CONCRETE COVER TO REINFORCEMENT = 50 mm.
4. FOUNDATIONS TO FOUND ON GROUND BEARING CAPACITY OF MIN. 150KPA.  
IN ALL CASES, COMPETENCY OF FOUNDING MATERIAL TO BE ESTABLISHED  
BY A GEOTECHNICAL ENG.  
DEPTH OF PLINTH TO BE INCREASED AND/OR REINFORCEMENT ADDED  
IF SITE CONDITIONS MAKE THIS NECESSARY.
5. RAFT, TIE AND CONCRETE BARRICADES TO BE AT SAME LEVEL  
AS TOP OF CONC. OF TRANSFORMER PLINTH.  
ALL LEVELS ARE RELATIVE TO TOP OF TRANSFORMER PLINTH.
6. ALL TOP EDGES OF CONCRETE TO HAVE 20x20 CHAMFERS  
CONCRETE FINISH : TOP OF FOUNDATION – WOOD/FLOAT FINISH  
: SLOPE – SMOOTH OFF SHUTTER FINISH
7. NEW H.D. BOLTS SUPPLIED BY CIVIL CONTRACTOR COMPLETE WITH  
NUTS AND WASHERS TO BE HOT DIPPED GALVANIZED TO SABS 763  
CHEMICAL ANCHORS TO BE FISHER RG M30 – 4 OFF FOR EACH FND.  
BOLTS TO BE FIXED WITH RESIN ANCHOR CAPSULES.  
TO SUPPLIER SPECIFICATIONS
8. STEEL TEMPLATE TO BE USED FOR SETTING H.D. BOLTS
9. BUND WALLS TO BE CONSTRUCTED WITH CLAY BRICKS CLASS FBS  
TO SABS 227 SPECIFICATION AS PER DETAIL ON DRG 0.54/390 SHT 46.  
THE SECTION OF WALL OVER CONCRETE RUNWAY TO BE  
BUILT AFTER TFR IS INSTALLED WITH STRAIGHT BRICK JOINTS.  
BRICKWORK TO BE STRETCHER BOND WITH TOP TO BE BRICK ON EDGE.  
REINFORCE EVERY COURSE WITH BRICK FORCE.

### FOUNDATION PLINTH TOLERANCES



TRANSFORMER PLINTH TOP FINAL LEVEL TO BE LEVEL WITHIN A TOLERANCE OF PLUS MINUS 3mm IN 3m IN ALL DIRECTIONS. LEVELS TO BE CONFIRMED WITHIN 5 DAYS AFTER CONSTRUCTION.

LEGEND :

- NEW BRICK WALL SEE DRG 0.54/390 SHT 46
- CABLE TRENCH ENTRY DRG 0.54/390 SHT 49b
- SAND FILLED CABLE TRENCH INSIDE  
TRENCH BUND L'EVAL DRG 0.54/390 SHT 68  
INSIDE BUND AREA
- SINGLE CABLE TRENCH 0./390 SHT 15
- GRADED CHANNEL SEE DRG 0.54/390 SHT 70  
GRADED CHANNEL SUMP DRG 0.54/390 DHT 71
- MANHOLE SEE DRG 0.54/390 SHT 1
- Ø300 CLASS 500 SP160T AND SOCKET PIPES  
WITH NEOPRENE RINGS LAID ON CLASS B BEDDING
- SUMP SEE DRG 0.54/390 SHT 69
- SAFETY FENCE DETAILS 0.54/4963 SHT 1-5

SAFETY FENCE DETAILS 0.54/4963 SHT 1-5

**NOT FOR CONSTRUCTION**

1	AUX TRFR ADDED		11/1/25		1234	STATION ELECTRIC
REV	REVISION DESCRIPTION		DRAWN CHD	AUTH	TD-	REFERENCE DRAWINGS
APPROVED BY		 <b>Eskom</b>		<b>Eskom Holdings</b> <b>SOC Limited</b> REG No. 2002/015527/30		
DATE		19-01-2017		CHECKED BY		
		D. SENEKAL		B. HAJEE		
DATE		19-01-2017		DRAWN BY		
		A. KAKA				
DATE		19-01-2017		SHEET NUMBER		REVISION
SCALE		AS SHOWN		2		1