



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									
SUMP SEE DRG 0.54/390 SHT 71									
GRATED CHANNEL SEE DRG 0.54/390 SHT 70									
MANHOLE SEE DRG 0.54/390 SHT 1									
φ300 CLASS 500 SPIGOT AND SOCKET PIPES WITH NEOPRENE RINGS LAID ON CLASS B BEDDING									
SUMP SEE DRG 0.54/390 SHT 69									
NOTES:									
1. CONSTRUCTION WORK TO COMPLY WITH S.A.B.S.1200									
2. CONCRETE MIX TO GRADE 25/19									
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. ALL TOP EDGES OF CONCRETE TO HAVE 20x20 CHAMFERS									
6. H.D.BOLTS SUPPLIED BY CIVIL CONTRACTOR COMPLETE WITH NUTS AND WASHERS TO BE HOT DIPPED GALVANISED TO SABS 763									
7. STEEL TEMPLATE TO BE USED FOR SETTING H.D.BOLTS									
8. FOR CIVIL CONSTRUCTION DETAILS SEE 0.54/390									
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 TRFR IS INSTALLED WITH STRAIGHT BRICK JOINTS									
10. BUND FLOOR TO FALL AT A MIN. 1:50 TOWARDS GUTTER OR SUMP									
11. SEE FOUNDATION DRG 12.44/5504 FOR PLINTH POSITION									
12. AUX. TRFR. FOUNDATIONS TO BE AT SAME LEVEL AS TOP OF CONCRETE OF TRANSFORMER PLINTH, SEE DRG 0.54/2089									
13. FOR EXPANSION JOINTS BETWEEN FLOOR/BUNDWALL AND FLOOR/ GUTTER SEE DRG. 0.54/390 SHT 46 & 70.									
14. CONCRETE FINISH : TOP OF FOUNDATION - WOODFLOAT FINISH : SIDES - SMOOTH OFF SHUTTER FINISH									
FIRE WALL DETAIL 'A':									
STAINLESS STEEL WALL - 0.54/4161 - MODULE 'A' - 3 OFF - MODULE 'B' - 0 OFF									
SUPPORT FOUNDATION - 0.54/4169 - 4 OFF									
SUPPORT - 0.54/4160 - 4 OFF									
DETAIL 'V' COOLER BANK FOUNDATION (2 OFF REQ'D.) - SCALE 1:25									
H.D.BOLT DETAIL - 16 OFF REQ'D COMPLETE WITH NUT & WASHER TOTAL MASS = 26,0 kg									

FND TRENCH LAYOUT									
DRAINAGE LAYOUT									
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REFERENCE DRAWINGS			
APPROVED BY		ESKOM HOLDINGS LIMITED				REG NO. 2002/015527/06			
DATE		Eskom Transmission				LESEDING			
CHECKED BY		500 MVA 400/132/22kV TRANSFORMERS 1				PLINTH LAYOUT AND DETAIL			
DATE		©				SHEET NUMBER			
DRAWN BY		Cherrie				REVISION			
DATE		03/2025				Les23P04-SE-E41			
SCALE		AS SHOWN				2			
						0			