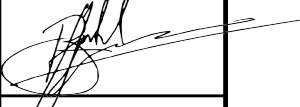




**NOTE:**

- CONCRETE STRENGTH AT 28 DAYS/STONE SIZE : BLINDING = 15/19  
FOUNDATION = 25/19  
CONCRETE CASTED IN FOUNDATION:  
SLUMP VALUE 75mm (TOLERANCE :25mm)
- FOUNDATION TO BE SCABBLED,  
APPLY SIKATOP-ARMATEC 610 EPOCHEM TO  
ALL SURFACES BEFORE POURING OF NEW CONCRETE.
- 60Y16 TIE 450mm BARS AT 200mm SPACING GROUTED 200mm INTO  
EXISTING CONCRETE USING FISHER INJECTION MORTAR FIS  
TO MANUFACTURES SPECIFICATIONS. CEMENT/ SAND NOT ALLOWED.
- IN SITU MATERIAL TO BE COMPACTED TO 93% MOD AASHTO  
DENSITY AT OMC.

ITEM AND No OFF	BARS							SHAPE CODE	STANDARD SHAPES BENDING DIMENSIONS mm					
	Y or R	DIA.	MK.	No OFF		CUTTING LENGTH mm	TOTAL LENG. mm		A	B	C	D	E	R
				PER ITEM	TOTAL									
BASE. 1 OFF.	Y	16	01	60	60	450	450	20	450					

**DETAILED DESIGN  
NOT FOR CONSTRUCTION**

0	FIRST ISSUE						
REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	REFERENCE DRAWINGS	
APPROVED BY 		 Eskom			Eskom Holdings SOC Ltd Reg No 2002/015527/30		
DATE 27/04/2025							
CHECKED BY A. MAYET 		IMPALA SUBSTATION 0.54/308 275 KV CT FOUNDATION MODIFICATION					
DATE 25/04/2025							
DRAWN BY L. MAKOLA							
DATE 17/02/2025							
SCALE 1:25		IMP22P12-SE-D72				SHEET NUMBER	REVISION
						0	0