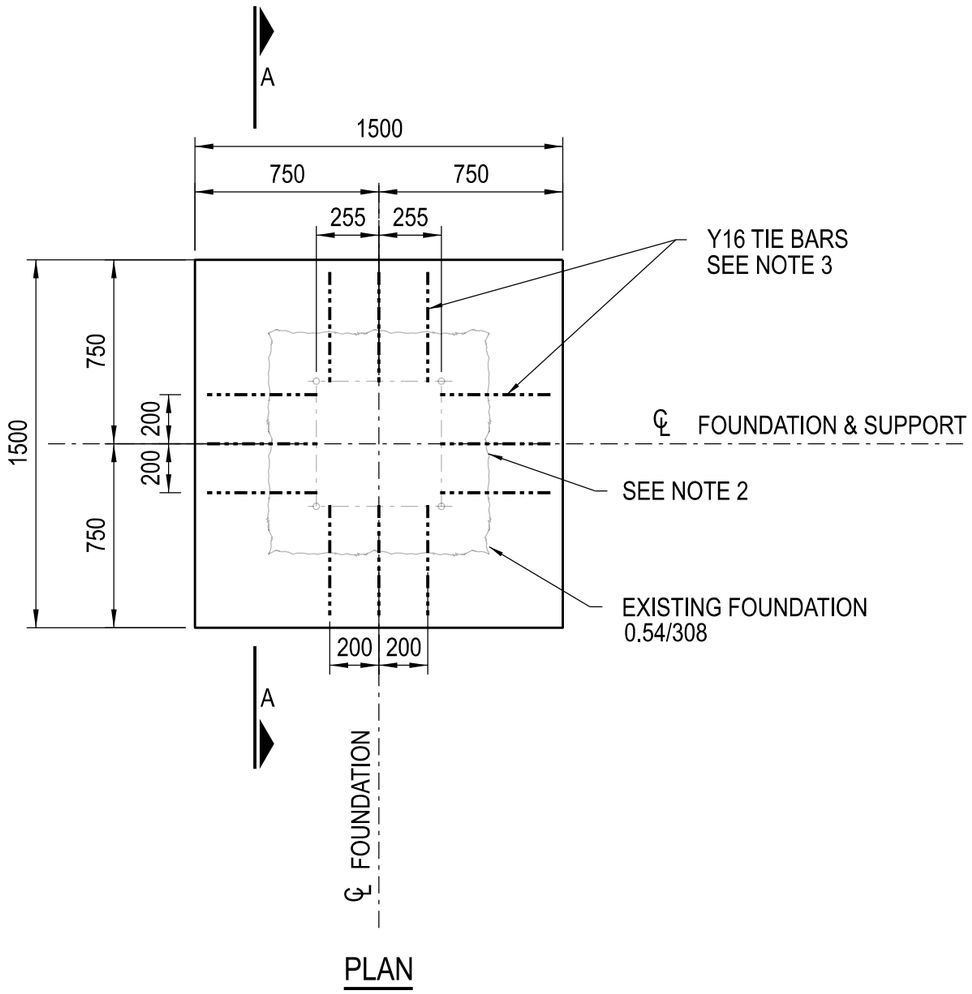
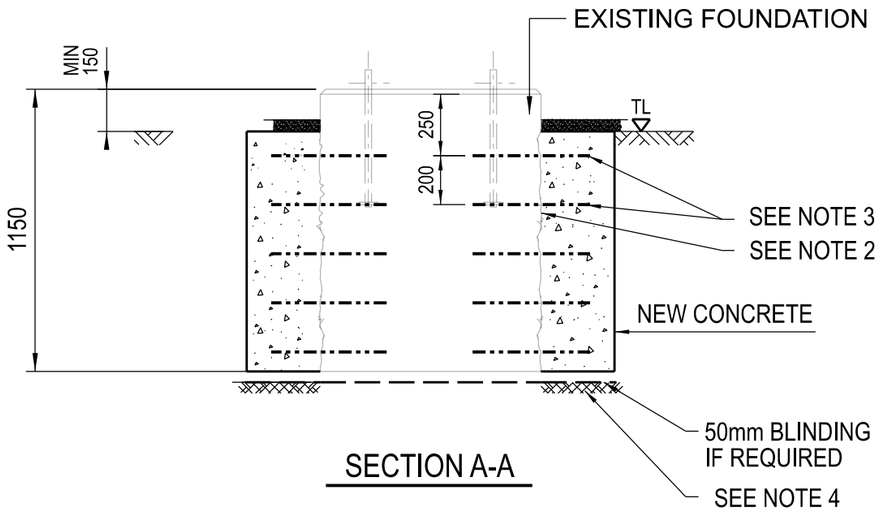


PLAN



SECTION A-A

NOTE:

1. CONCRETE STRENGTH AT 28 DAYS/STONE SIZE : BLINDING = 15/19
   FOUNDATION = 25/19
   CONCRETE CASTED IN FOUNDATION:
   SLUMP VALUE 75mm (TOLERANCE ±25mm)
2. FOUNDATION TO BE SCABBLED,
   APPLY SIKATOP-ARMATEC 610 EPOCHEM TO
   ALL SURFACES BEFORE POURING OF NEW CONCRETE.
3. 60Y16 TIE 450mm BARS AT 200mm SPACING GROUTED 200mm INTO
   EXISTING CONCRETE USING FISHER INJECTION MORTAR FIS
   TO MANUFACTURES SPECIFICATIONS. CEMENT/ SAND NOT ALLOWED.
4. 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 PER ITEM	No OFF TOTAL	CUTTING LENGTH mm	TOTAL LENG. mm		A	B	C	D	E	R
BASE. 1 OFF.	Y	16	01	60	60	450	450	20	450					

DETAILED DESIGN
NOT FOR CONSTRUCTION

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	REFERENCE DRAWINGS
0	FIRST ISSUE					

APPROVED BY
DATE 27/04/2025

CHECKED BY
A. MAYET
DATE 25/04/2025

DRAWN BY
L. MAKOLA
DATE 17/02/2025

SCALE 1:25

Eskom

Eskom Holdings SOC Ltd
Reg No 2002/015527/30

TUGELA SUBSTATION
0.54/308 132 KV CT FOUNDATION MODIFICATION

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TUG25P09-SE-D72

SHEET NUMBER	REVISION
0	0

SIZE GROOTTE A3L