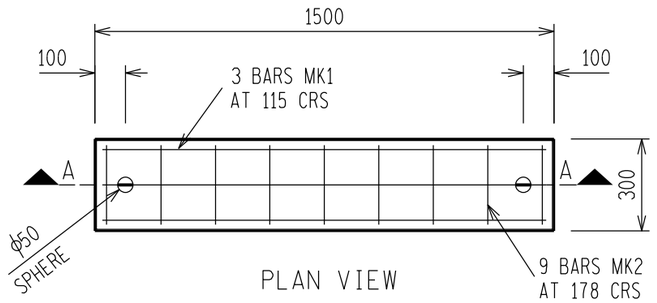
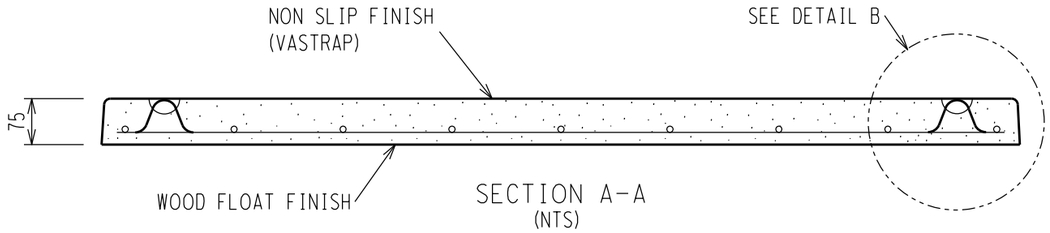
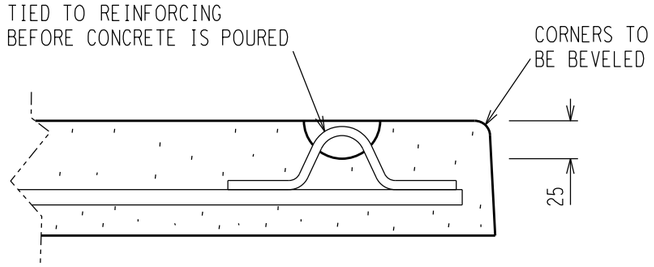


PLAN VIEW

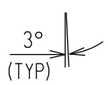
TOP VIEW
(VASTRAP PATERN)
ON TOP OF COVER

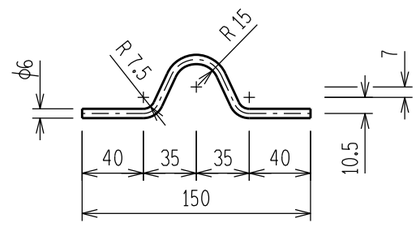


SECTION A-A
(NTS)



ENLARGED DETAIL 'B'
(NTS)





ENLARGED DETAIL OF LIFTING HOOK
MATERIAL: Φ6mm STAINLES STEEL ROD
(NTS)

NOTES:

1. CONCRETE WORK TO BE IN ACCORDANCE WITH SANS 1200.
2. CONCRETE STRENGTH TO BE 35MPa, WITH AN AGGREGATE STONE SIZE OF 13mm.
3. SLABS TO BE CAST IN STEEL MOULDS WITH END AND SIDES TAPERED 3°.
4. REINFORCING TO HAVE A MIN CONCRETE COVER OF 20mm.
5. NEWLY CAST SLABS TO BE THOROUGHLY COMPACTED BY USING A VIBRATOR TABLE.
6. THE HEIGHT OF THE LIFTING HOOK MUST NOT EXCEED THE SURFACE LEVEL OF THE TRENCH COVER.
7. NO OTHER METHOD OF CONSTRUCTION AND/OR PREFABRICATED SLABS WILL BE ACCEPTED WITHOUT APPROVAL.

REINFORCEMENT SCHEDULE

MK	TYPE & SIZE	NO REQUIRED / TOTAL PER ITEM	CUTTING LENGTH	TOTAL LENGTH (m)	WEIGHT kg	SHAPE CODE	BENDING REMARKS
1	Y10	3	1450	4.35	2.68	20	1450
2	Y10	9	260	2.34	1.44	20	260

SCHEDULE OF QUANTITIES
CONCRETE = 0.034m^3
WEIGHT = 110kg

BEARING CAPACITY
TRENCH COVER = 175kg

D-DT-5254	SHEET 6B	TRENCH COVER SUPPORT 1500mm
D-DT-5254	SHEET 2A	TRENCH KERBING 1000mm
DRG NO.	SHEET NO.	REFERENCE DRAWINGS

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERSEDES ALL OTHER PUBLISHED DRAWINGS

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
					/ /	
0	FIRST ISSUE				/ /	

Eskom

SUBSTATION

TRENCH COVER - 1500mm (CONCRETE)

AUTH:	N WEBBER
DATE:	13/08/2014
CHKD:	B HLOMENDLINI
DATE:	06/08/2014
DRAWN:	G BEETGE
DATE:	15/04/2014

SAP No. 0599533

SCALE 1:20

THIS DRAWING IS THE PROPERTY OF ESKOM

D-DT-5254

SET	SHEET	REVISION
	1B	0

A3L