

HATCHCOVER WEIGHT ON UNDERSIDE OF COVER REFER NOTE 10.

REID SWIFTLIFT FOOT ANCHORS MODEL No 1FA085 OR APPROVED EQUAL TO BE INSTALLED IN AN UPSTAND OF CONCRETE OF AT LEAST 200mm x 200mm IN ACCORDANCE WITH MAUFACTURER'S INSTRUCTIONS. THE UPSTAND IS TO BE POURED AS PART OF THE HATCH COVER

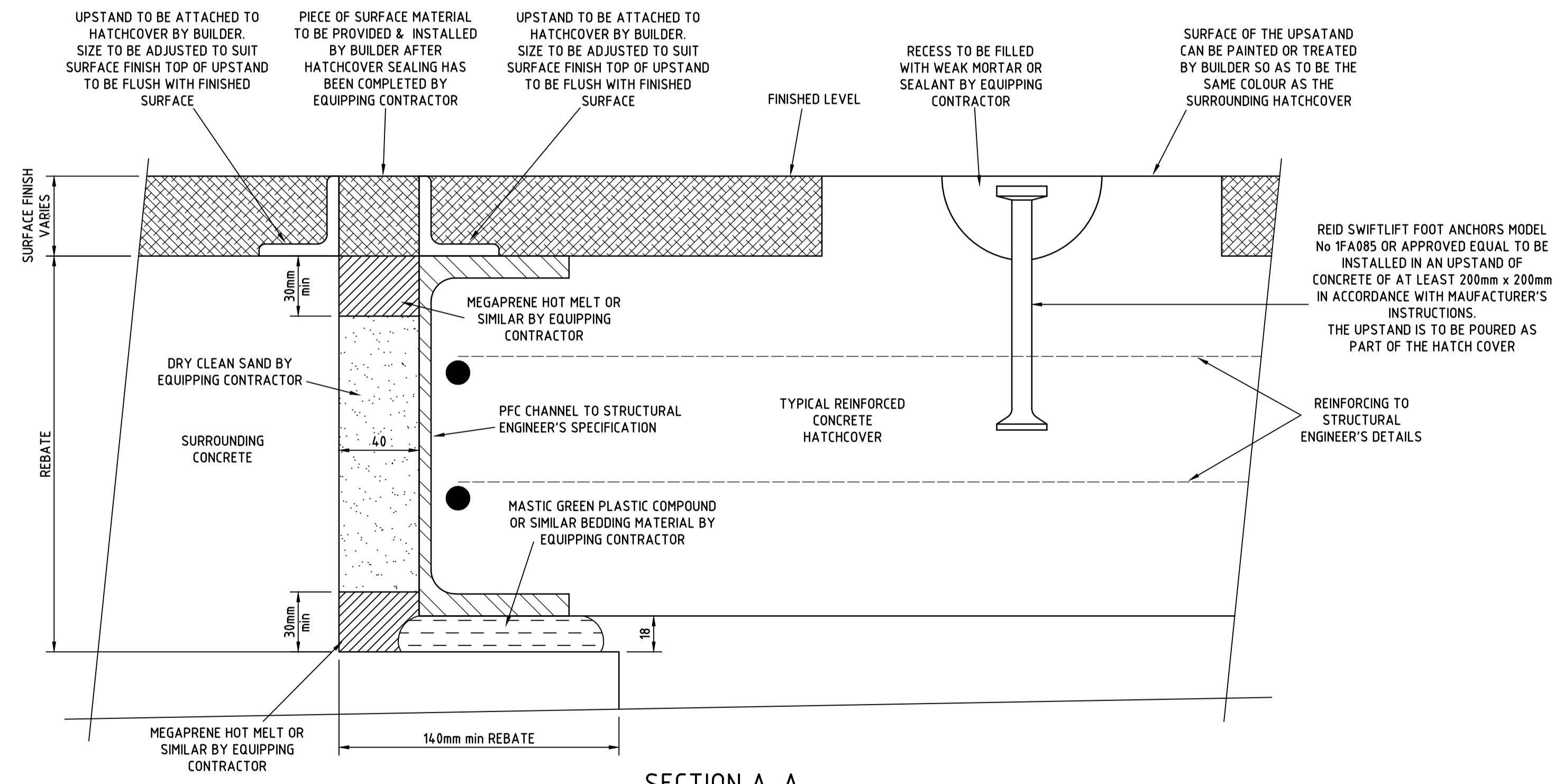
2200mm CLEAR FOR ALL OIL FILLED TRANSFORMERS  
2300mm CLEAR FOR ALL DRY TYPE TRANSFORMERS

OPENING IN SUBSTATION CEILING

1600mm FOR ALL OIL FILLED TRANSFORMERS  
1700mm FOR ALL DRY TYPE TRANSFORMERS

**HATCHCOVER**  
SCALE 1:10

**REBATE**  
SCALE 1:10



**SECTION A-A**  
SCALE 1:2

**NOTES**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ASSOCIATED SUBSTATION LAYOUT DRAWING AND AUSGRIDS NETWORK STANDARDS.
- THE DESIGN OF THE TRANSFORMER HATCHCOVER AND REBATE FRAMING IS TO BE GENERALLY IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS DRAWING, HOWEVER A DETAILED DESIGN BY A STRUCTURAL ENGINEER IS REQUIRED. THE HATCH COVER IS TO BE CAPABLE OF SUPPORTING ANY WEIGHT WHICH IS LIKELY TO BE IMPOSED THEREON.
- DIMENSIONS SHOWN ARE TO FINISHED SIZES.
- THE HATCHCOVER IS TO BE CONSTRUCTED FROM REINFORCED CONCRETE.
- ANY STEEL WHICH IS EXPOSED ON THE SUBSTATION FACE IS TO BE TREATED TO ACHIEVE A MINIMUM FRL OF 180/180/180.
- ALL STEEL COMPONENTS ARE TO BE HOT DIP GALVANISED OR TREATED WITH AN APPROPRIATE COATING OF INORGANIC ZINC.
- THE HATCHCOVER OUTLINES MUST BE CLEARLY DELINEATED IN THE FINISHED SURFACE.
- THE ADDITION OF ANY SURFACE FINISH TO THE HATCHCOVER SHALL BE SUCH THAT THE STRENGTH AND WATERPROOFING ARE NOT IMPAIRED.
- SURFACE FINISHES SURROUNDING THE TRANSFORMER HATCHCOVER SHALL BE DETAILED SO THAT SUBSEQUENT REMOVAL AND REPLACEMENT OF THE HATCHCOVER WILL NOT RESULT IN DAMAGE TO THESE SURFACE FINISHES.
- THE UNDERSIDE OF THE HATCHCOVER MARKED WITH THE WEIGHT OF THE HATCHCOVER. LETTERING IS TO BE NOT LESS THAN 50mm HIGH AND IS TO BE BLACK ON A SUITABLY SIZED YELLOW BACKGROUND.

HATCHCOVER WEIGHT .....kg

<b>CAD DRAWING</b> DO NOT MANUALLY AMEND	
<b>AMENDMENTS</b>	
5. NEW DRAWING MADE. MS LIFTING EYES REPLACED BY PROPRIETARY LINE FOOT OR EYE ANCHORS. SEALING METHOD UPDATED. NOTE 10 & WEIGHT LABEL ADDED.	11/11/2004 DS RP PN
6. DRAWING UPDATED TO CURRENT CONSTRUCTION METHODS.	31/01/2011 B. HOOPER P. WRIGHT
7. OPENING SIZES ALTERED.	06/06/2011 P. JARVIS P. TURRIN P. TURRIN
8. NEW AUSGRID BORDER & LOGO ADDED.	13/09/2013 T. LAMPARD
9. BORDER & TITLE BLOCK UPDATED.	09/09/2024 L. MARTINUZZI M. BENNETT

24-28 Campbell Street  
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ISSUED FOR CONSTRUCTION

SCALE	AS SHOWN
DESIGNED	-
DRAWN	PJ
CHECKED	AE
APPROVED	-
DATE	11/07/1995
TRIM REF	-
PROJECT NUMBER	103/59/1/2

<b>STANDARD SUBSTATION DESIGN TRANSFORMER HATCHCOVER AND REBATE</b>			
DRAWING No	<b>50740</b>	SHEET	1
AMD	9	SIZE	A1

