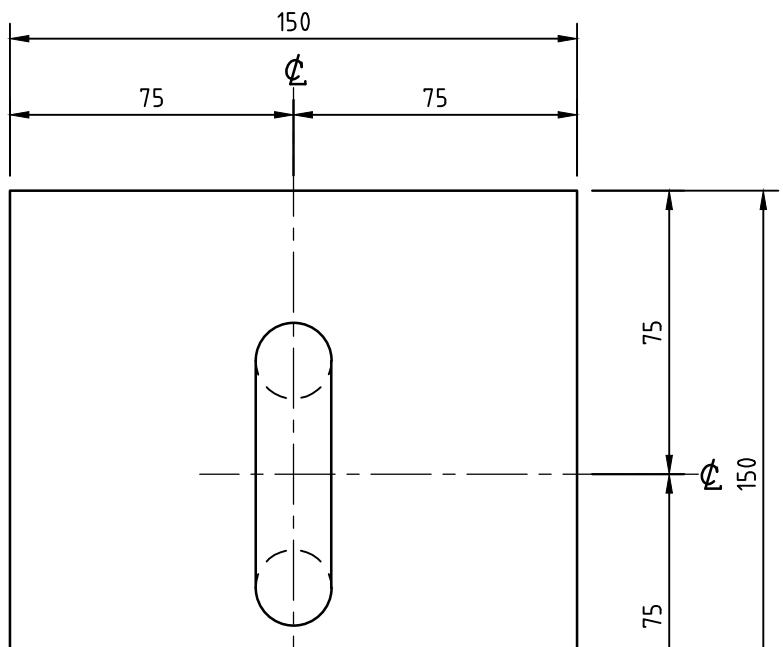
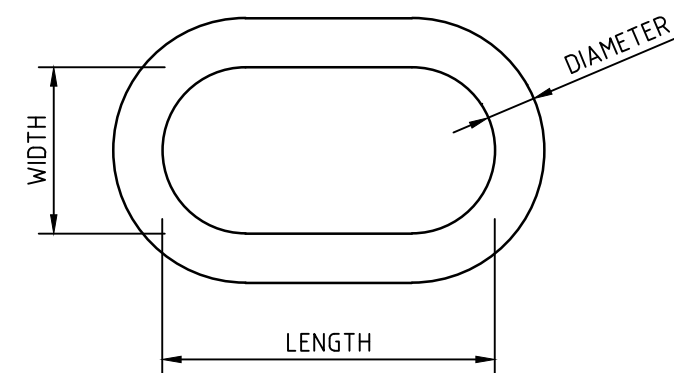


THIS DETAIL MAY BE USED IN REINFORCED BLOCKWORK BUT WITH A REDUCED S.W.L. OF 5.0 TONNES

TESTING ANCHORS:
10% OF MASONRY ANCHORS (4 MINIMUM) SHALL BE LOAD
TESTED IN ACCORDANCE WITH MANUFACTURERS
REQUIREMENTS. TEST REPORTS TO BE SUBMITTED TO AUSGRID



NOTE : NOT TO BE USED UNLESS A STRUCTURAL ENGINEER'S CERTIFICATE IS PROVIDED.



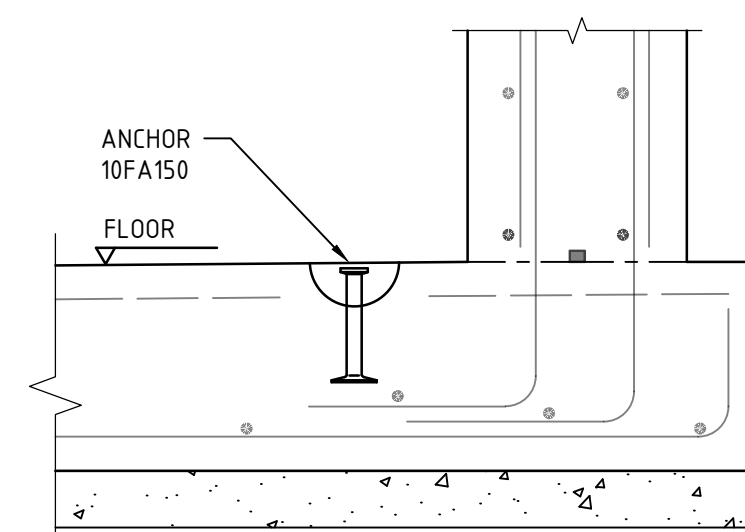
LINK TYPE L76		LINK TYPE L24	
REGULAR SERIES OBLONG LINK		REGULAR SERIES OBLONG LINK	
LENGTH	130	LENGTH	88
WIDTH	63	WIDTH	44
DIAMETER	22	DIAMETER	13
PWB ANCHOR PART No	40492	PWB ANCHOR PART No	40490

NOTE : THE LINKS SHALL NOT BE GALVANISED.

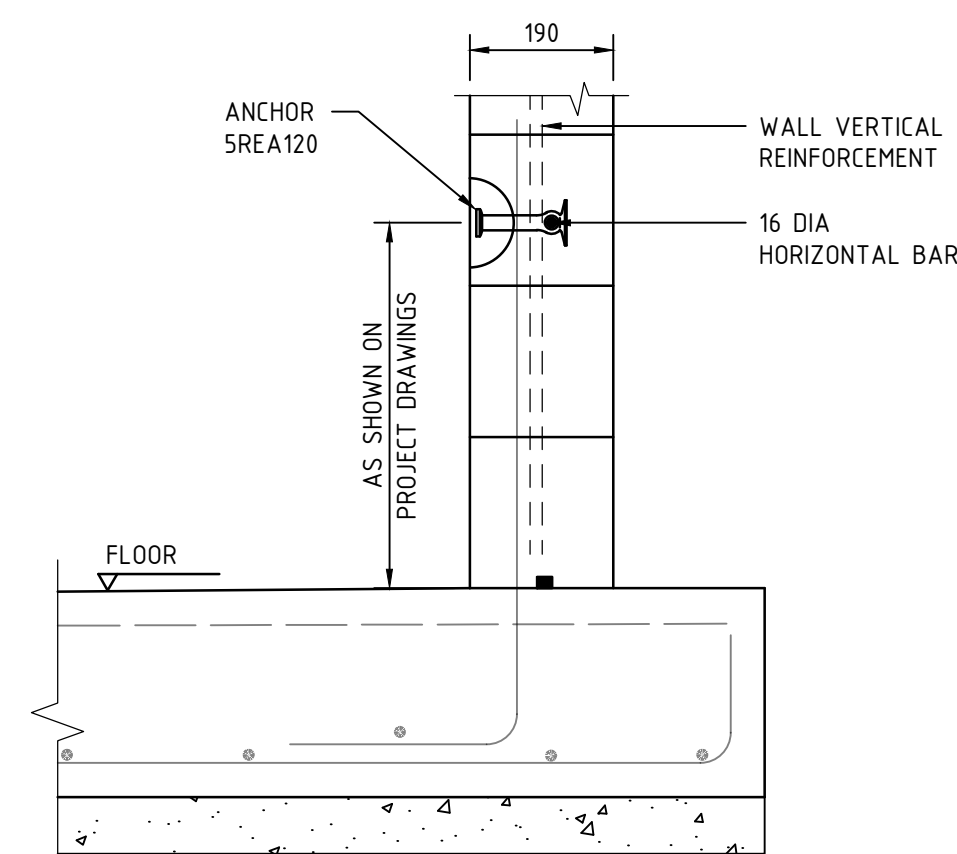
d (mm)	e (mm)	SWL (t)
180	95	3.5
210	125	5.0
250	165	7.5

Technical drawing of a wall section showing the installation of an anchor. The drawing includes a floor line, a wall section, and an anchor labeled "ANCHOR 10FA150". A dimension line indicates a distance of "250 MIN" from the floor to the top of the wall. Another dimension line indicates the height of the anchor is "AS SHOWN ON PROJECT DRAWINGS".

CONCRETE WALL TYPE



FLOOR TYPE



BLOCK WALL TYPE

TYPE 'D' PULLING EYE - REID SWIFTLIFT ANCHOR

1. FOR WALLS WITH MINIMUM WALL THICKNESS OF 200 mm USE ANCHOR 150 LONG, PRODUCT CODE 10FA150. ALL OR APPROVED EQUIVALENT.
2. FOR 170-200 THICK WALLS USE ANCHOR 120 LONG, PRODUCT CODE 5REA120 WITH 16 DIAMETER ROUND BAR 600 LONG (ENSURE HORIZONTAL BAR IS PLACED BEHIND VERTICAL WALL REINFORCEMENT). ALL OR APPROVED EQUIVALENT.
3. ALLOW FOR INSPECTION BEFORE CONCRETE IS POURED.
4. CONCRETE STRENGTH 32 MPa or MORE.

TYPE 'D' ANCHOR

SCALE 1:10

10FA150 HAS 10 TONE SWL
5REA120 HAS 5 TONE SWL

NOTES

1. ALL STEELWORK TO BE FABRICATED IN ACCORDANCE WITH AS 4100.
2. UNLESS NOTED OTHERWISE:
 - (a) ALL HOT ROLLED FLATS TO BE GRADE 250 MINIMUM IN ACCORDANCE WITH AS 1594.
 - (b) ALL HOT ROLLED SECTIONS TO BE GRADE 250 MINIMUM IN ACCORDANCE WITH AS 3679.
 - (c) ALL HOLLOW SECTIONS TO BE GRADE C350 IN ACCORDANCE WITH AS 1163.
3. AFTER FABRICATION, ALL BURRS AND SHARP EDGES TO BE REMOVED.
4. ALL WELDING TO BE IN ACCORDANCE WITH AS 1554 PART 1.
5. CONSUMABLES (ELECTRODES) SHALL BE MATCHED WITH THE STEEL TYPE IN COMPLIANCE WITH AS/NZS 1554.1 TABLE 4.6.1(A) & THE RELEVANT COLUMNS OF THE TABLE DEPENDING ON THE TYPE OF WELDING PROCESS BEING UNDERTAKEN.
6. UNLESS NOTED OTHERWISE:
 - (a) ALL WELDS SHALL BE 6mm CONTINUOUS FILLET WELDS, CATEGORY GP.
 - (b) BUTT WELDS SHALL BE CONTINUOUS FULL PENETRATION, CATEGORY SP.
 - (c) ALL WELDS TO BE CARRIED OUT IN THE SHOP UNLESS NOTED AS 'ON SITE'.
7. WELDS SHALL BE INSPECTED TO AS/NZS 1554.1 CLAUSE 7.3 (VISUAL INSPECTION OF WORK) UNLESS THE WELDING PROCESS IS SUPERVISED AND CARRIED OUT BY QUALIFIED PERSONNEL AS DEFINED IN AS/NZS 1554.1 CLAUSE 4.12.1 AND CLAUSE 4.12.2.
8. AFTER FABRICATION, ALL WELDS TO BE CHIPPED FREE OF SLAG.
9. AFTER FABRICATION, ALL STEELWORK TO BE HOT DIP GALVANISED TO AS 4680.
10. AFTER GALVANISING, ALL HOLES TO BE CLEARED AND SHARP EDGES TO BE REMOVED.
11. WHERE THE GALVANISING FINISH HAS BEEN REMOVED, AREA TO BE TREATED WITH COLD GALVANISING PAINT SIMILAR TO GALMET OR ZINCIF. COATINGS TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS.
12. DO NOT GALVANISE THE LINK.
13. MAXIMUM PULL NORMAL TO THE WALL FACE - LINK TYPE L76 - 7.6 TONNE, LINK TYPE L24 - 2.5 TONNE.
14. A SIGN SHALL BE PROVIDED ADJACENT TO THE PULLING EYE GIVING THE LOAD CAPACITY. EG. S.W.L. 7.6 TONNES

CAD DRAWING		COMMENTS	
DO NOT MANUALLY REWIND			
1. DRAWING REDRAWN ON AUTOCAD. NOTES UPDATED. BLOCK WALLS ADDED TO EACH TUB. FINISH DETAILS UPDATED TO EACH TUB. UPPER 8 AVAILABLE COMPONENTS. TYPE B NOW 300 LONG WAS 290. NOTE ADDED REGARDING ENGINEER'S CERTIFICATE.	C.SAWDY CHECKED: 08/12/2004, D.STANBURY		
2. ISSUED FOR CONSTRUCTION. TYPE 'A' DETAIL ADDED.		30/06/2008 D.STANBURY P.PLOVARNINI K.GALLEN	
3. NOTES REVISED ISSUED FOR CONSTRUCTION.			
4. TABLE OF ANCHOR LOAD CAPACITY ADDED ISSUED FOR CONSTRUCTION.		12/05/2010 J.ABODILLA CHECKED: P.PLOVARNINI K.GALLEN	
5. NOTE ADDED. ISSUED FOR CONSTRUCTION.		05/11/2011 D.STANBURY D.STANBURY	
6. TYPE 'D' ANCHOR ADDED. ISSUED FOR CONSTRUCTION.			
7. ANCHOR NOTE. MODIFIED ISSUED FOR CONSTRUCTION.		10/09/2012 D.STANBURY D.STANBURY	
8. ANCHOR NOTE. MODIFIED ISSUED FOR CONSTRUCTION.		03/02/2015 D.STANBURY D.STANBURY	
9. BORDER & TITLE BLOCK UPDATED.		27/09/2015 D.STANBURY D.STANBURY	
M.BENNETT CHECKED: 09/09/2024, L.MARTINUZZI M.BENNETT			



24-28 Campbell Street
SYDNEY NSW 2000

ISSUED FOR
CONSTRUCTION

SCALE	1:2
DESIGNED	-
DRAWN	RK
CHECKED	GB
APPROVED	-
DATE	06/1984
TRIM REF	-
PROJECT NUMBER	-

SUBSTATION & CABLE PITS PULLING EYES TYPES A, B, C & D ARRANGEMENT & DETAILS

DRAWING No	63678	SHEET	1	AMD	9	SIZE	A1
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