

GENERAL:

- G2. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
- G3. ALL LEVELS AND SETTING OUT DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE VERIFIED ON SITE BEFORE CONSTRUCTION. DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.
- G4. DESIGN LOADS.

COMBINATION LOADS (AS/NZS1170.0-2002)

WIND LOAD (AS/NZS1170.2-2002) SECTIONS 4 & 6.2.2

SNOW LOAD NIL ALLOWED-REFER TO ENGINEER $V_{DES}=41.0m/s$ REG. A, T.C.2 (A) FOR RE-DESIGN IF IN SNOW AREA.

STRUCTURAL IMPORTANCE LEVEL-2

- NOTE: 1. ULTIMATE DESIGN WIND SPEED INCLUDES A FACTOR FOR BUILDING HEIGHT, BUT NOT FOR LOCAL TOPOGRAPHIC EFFECTS.
3. THE STEEL ARCH FRAME IN THE SHELTER HAS BEEN DESIGNED ASSUMING THE COVERING MEMBRANE OF THE END WALL WILL SEPARATE FROM THE END WALL FRAME. BEFORE THE WIND SPEED REACHES THE ULT. DESIGN WIND SPEED FOR THE SHELTER.

STRUCTURAL STEELWORK:

- S1. FABRICATION AND ERECTION TO BE IN ACCORDANCE WITH AS4100 AND AS/NZS1554 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- S2. STRUCTURAL STEELWORK SHALL BE OF THE FOLLOWING GRADES U.N.O.

SECTION	GRADE
FLATS, PLATES, ROUNDS	AS/NZS-3678 - 300 AS/NZS-3679.1 - 250
COLD-FORMED SHS, RHS, CHS	AS 1163 - C450 - C350

- S3. ALL DIMENSIONS GIVEN FOR MATERIAL ARE GROSS DIMENSIONS WITH NO REDUCTION FOR WELD PREPARATION.
- S4. BOLTS DESIGNATED 4.6/S SHALL BE COMMERCIAL GRADE BOLTS TO AS1111 AND AS1112 (GRADE 4.6) TIGHTENED TO A SNUG FIT. BOLTS DESIGNATED 8.8/S SHALL BE HIGH STRENGTH BOLTS TO AS/NZS-1252 TIGHTENED TO A SNUG FIT.
- S7. ALL WASHERS FOR HIGH STRENGTH BOLTS SHALL BE HARDENED STEEL TO AS/NZS-1252 EXCEPT FOR SNUG-TIGHT JOINTS WHERE BLACK STEEL WASHERS TO AS1237 MAY BE USED.
- S8. A FLAT WASHER IS TO BE FITTED UNDER THE ROTATING COMPONENT OF EACH BOLT.
- S14. ALL BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED BY THE MANUFACTURER.
- S15. THE CONTRACTOR SHALL PROVIDE ALL CLEATS AND DRILL ALL HOLES NECESSARY FOR FIXING STEEL TO STEEL, WHETHER OR NOT DETAILED ON THE DRAWING.
- S17. WELDS SHALL BE 6mm CONTINUOUS FILLET, ELECTRODES E48XX, BOLTS M12 DIAMETER, GUSSET PLATES AND CLEATS 6mm THICK U.N.O.

NOTE:

- 1) THESE DRAWINGS ARE DESIGNED FOR USE BY A QUALIFIED BUILDER EXPERIENCED IN THE USE OF ALL FORMS OF CONSTRUCTION TO BE USED IN THIS PROJECT.
- 2) THE DIMENSIONS SHOWN ON THESE DRAWINGS ARE INDICATIVE ONLY AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
- 3) IT IS THE OWNERS RESPONSIBILITY TO ENSURE THAT THE FABRIC REMAINS TIGHT. FLOGGING OF THE FABRIC WILL OVERLOAD THE STEEL FRAME. LYNAR CONSULTING CANNOT GUARANTEE THE DESIGN SUITABILITY IF FLOGGING OCCURS.

Amendment	Date	Description
C	14.06.12	GENERAL REVISION

FOUNDATIONS:

- F1. FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 150 kPa
- F4. FOUNDATION MATERIAL SHALL BE INSPECTED AND APPROVED FOR THE ABOVE SAFE BEARING PRESSURE BEFORE PLACING CONCRETE.

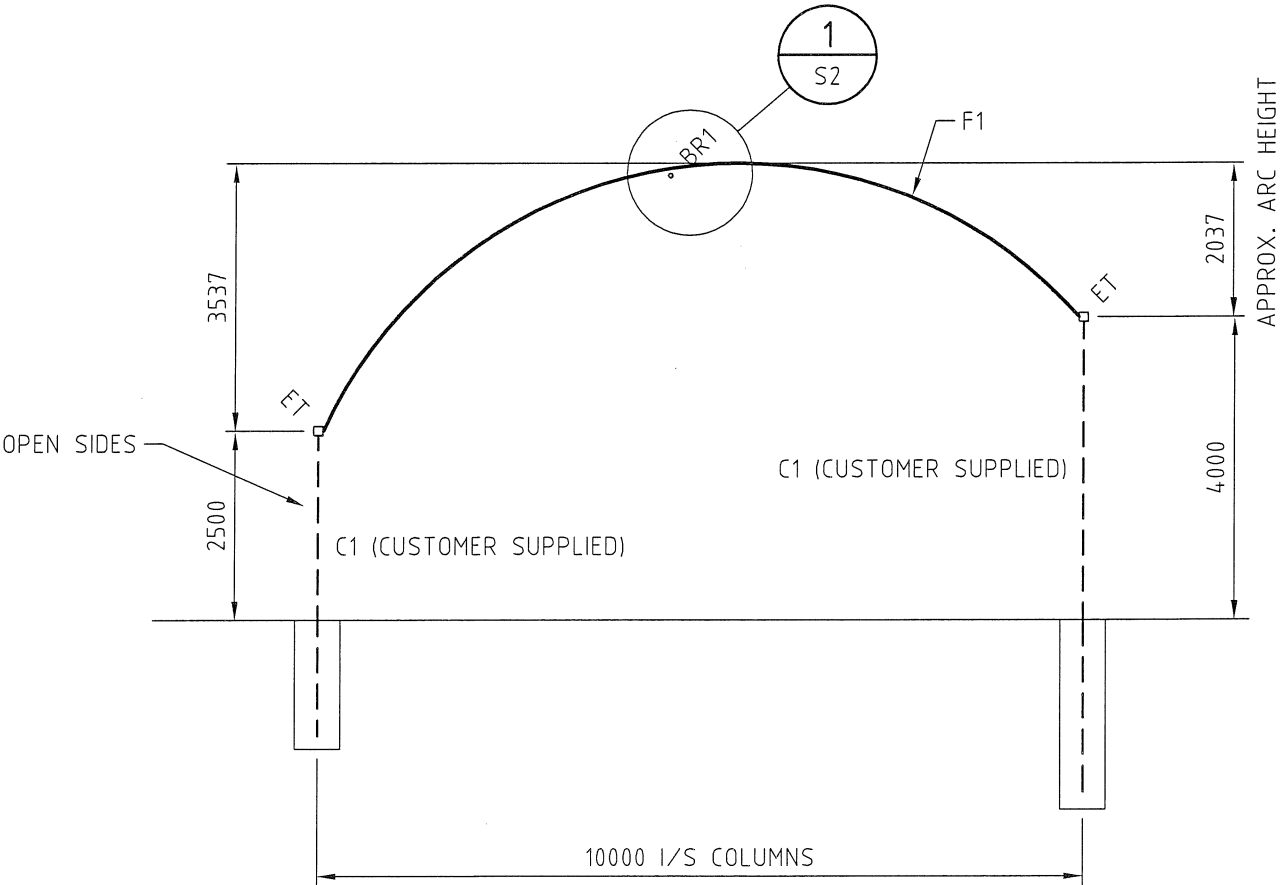
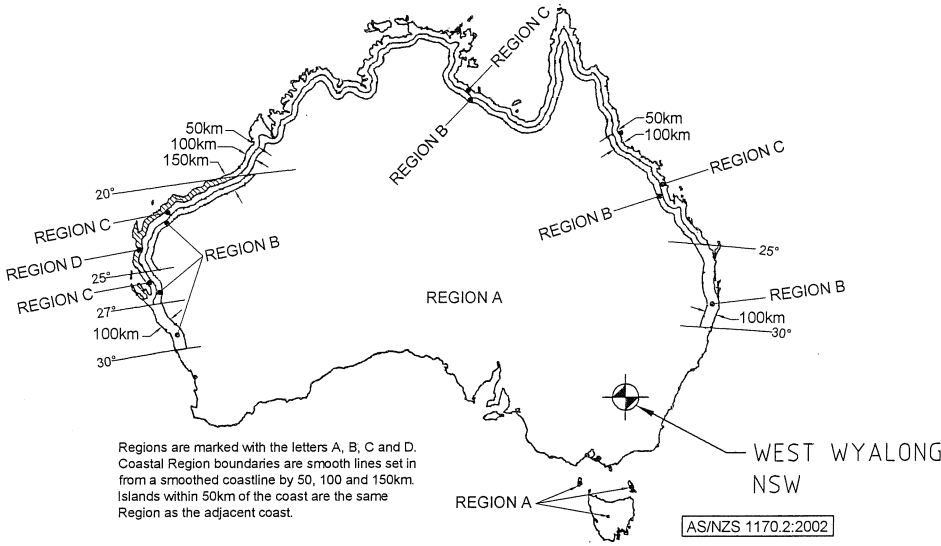
REINFORCED CONCRETE:

- C1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.

ELEMENT	SLUMP mm	MAX. SIZE AGG mm	CONCRETE GRADE
ALL	80	20	N25

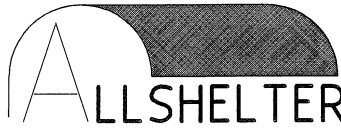
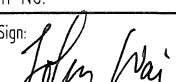
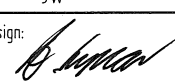
- C5. ALL CONCRETE SHALL BE COMPACTED WITH MECHANICAL VIBRATORS. VIBRATORS SHALL NOT BE USED TO SPREAD CONCRETE.

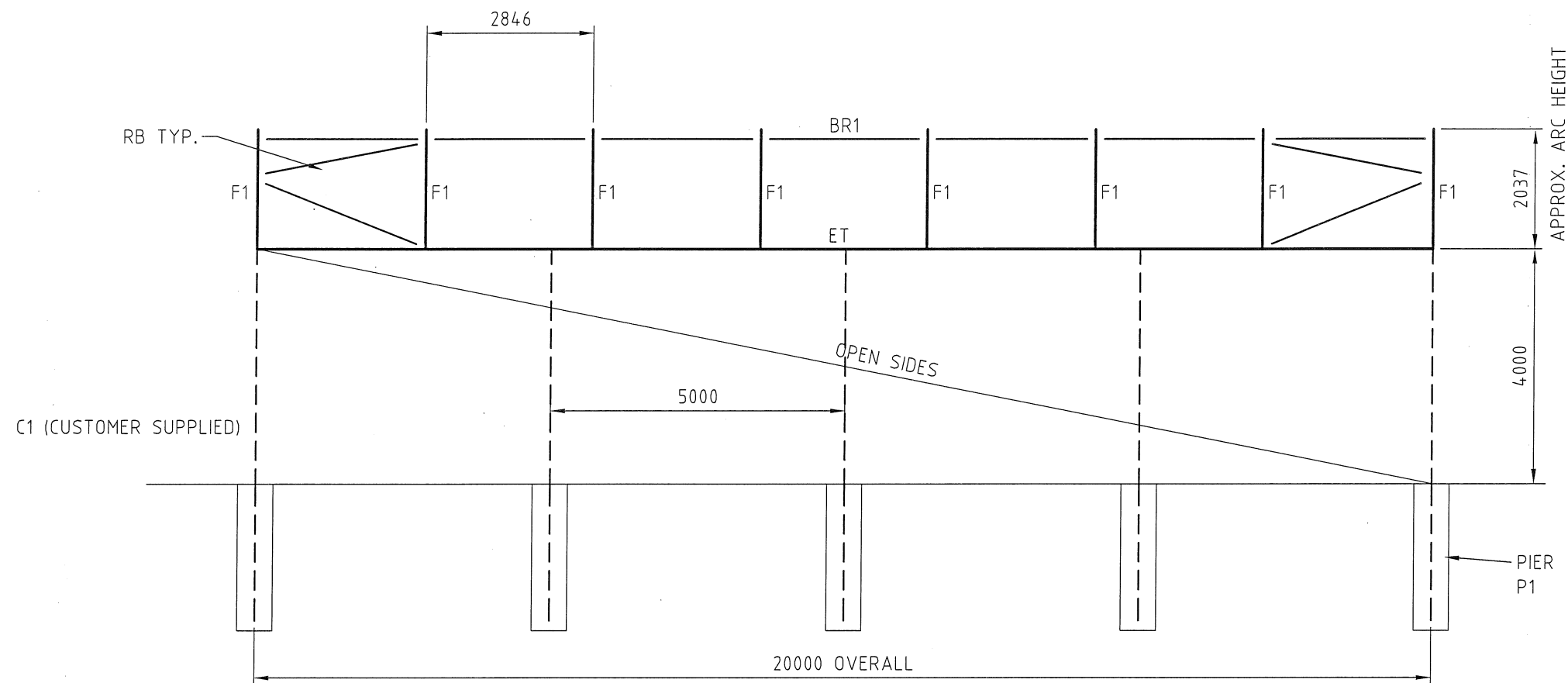
STEELWORK MEMBER SCHEDULE		
MARK	SIZE	REMARKS
F1	75x4 SHS	C450
BR1	42.4x2 CHS	C350
SLEEVE	65x6 SHS	C450
C1	150x19 CHS-CUSTOMER SUPPLIED	C250 -REQUIRED AT 5m CENTRES
RB	60.3x2.3 CHS	C350-BOTH ENDS
ET	100x4 SHS	C450



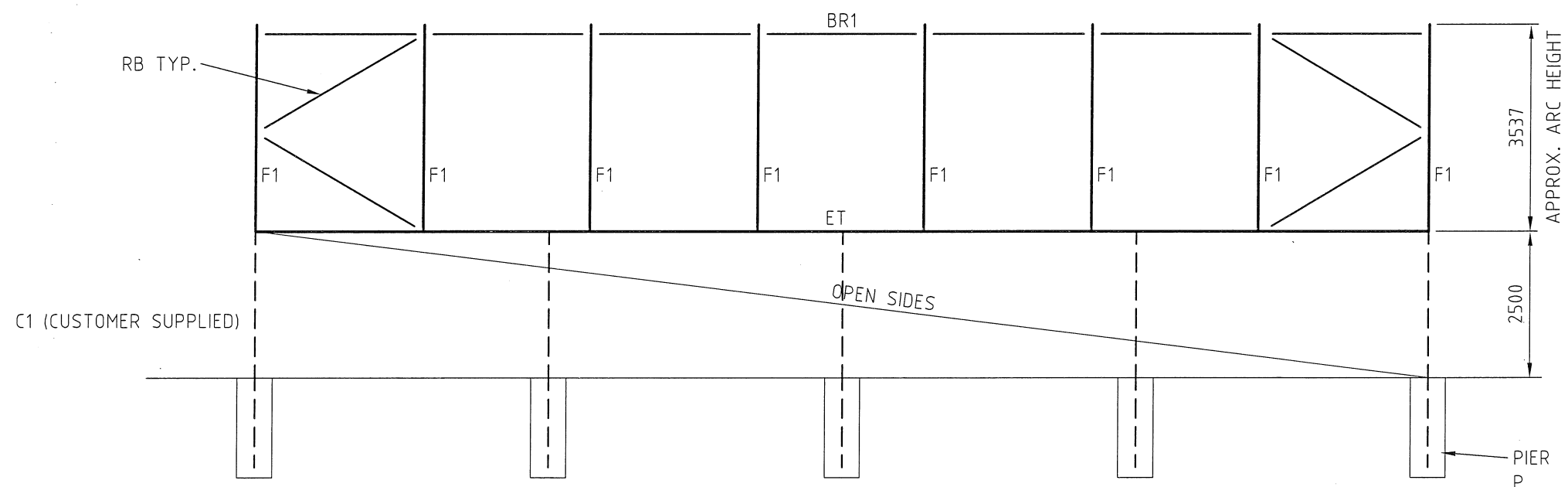
TYPICAL VIEW

SCALE 1:100

ALLSHELTER #AL4572 A3LR10/20A		This drawing and the information shown hereon is the property of Lynar Consulting and may not be used for any other purpose than that for which this drawing is supplied. Any other use, copying or reproduction of all or any part of this drawing is prohibited without the written consent of Lynar Consulting.			Job No. B2237	DWG No. S1	Amdt C	No. in set 4	 ALLSHELTER weather protection systems (02) 6898 2244
CLIENT: LAKE COWAL FOUNDATION	SITE LOCATION: WEST WYALONG NSW				Drawn: GT	Q Plan No:	Designed: JW	LYNAR CONSULTING 15A BYNG ST ORANGE NSW AUSTRALIA 2800 Ph: 612 6362 5551 FAX: 612 6361 4185	
Scale: AS SHOWN		Q Chk Sign: 	Approve sign: 						
NOTES & TYPICAL VIEW		CAD Ref: B2237							



SIDE VIEW 1
SCALE 1:100



SIDE VIEW 2
SCALE 1:100

Amendment	Date	Description
C	14.06.12	GENERAL REVISION

ALLSHELTER #AL4572 A3LR10/20A	CLIENT: LAKE COWAL FOUNDATION
SITE LOCATION: WEST WYALONG NSW	
SIDE VIEWS	

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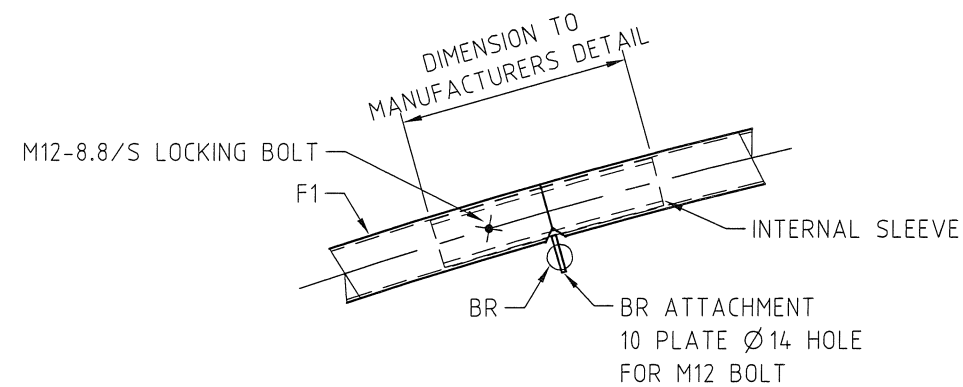
Drawn: GT	Q Plan No:	Designed: JW
Scale: AS SHOWN	Q Chk Sign: <i>John Hai</i>	Approve sign: <i>J. Lynar</i>
CAD Ref: B2237		

Job No. B2237	DWG No. S2	Amdt C	No. in set 4
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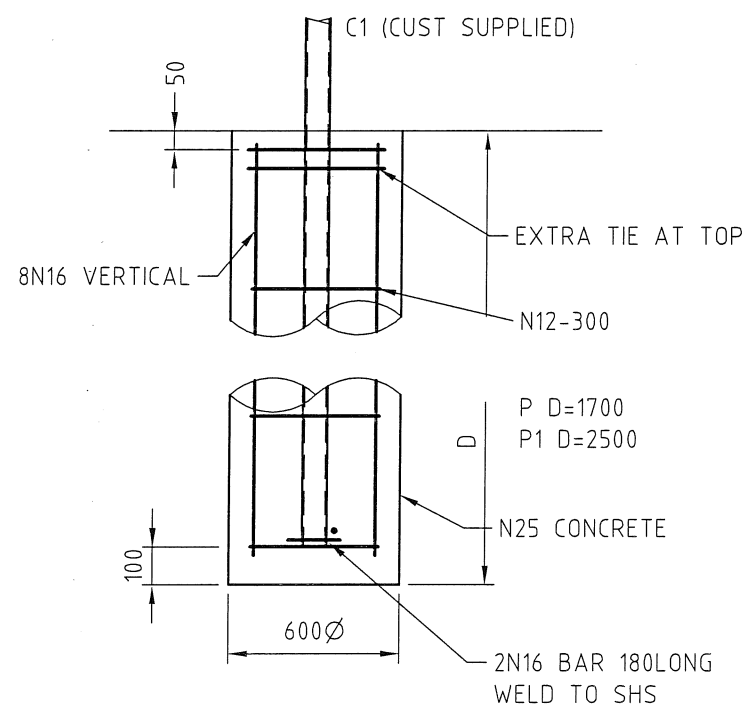




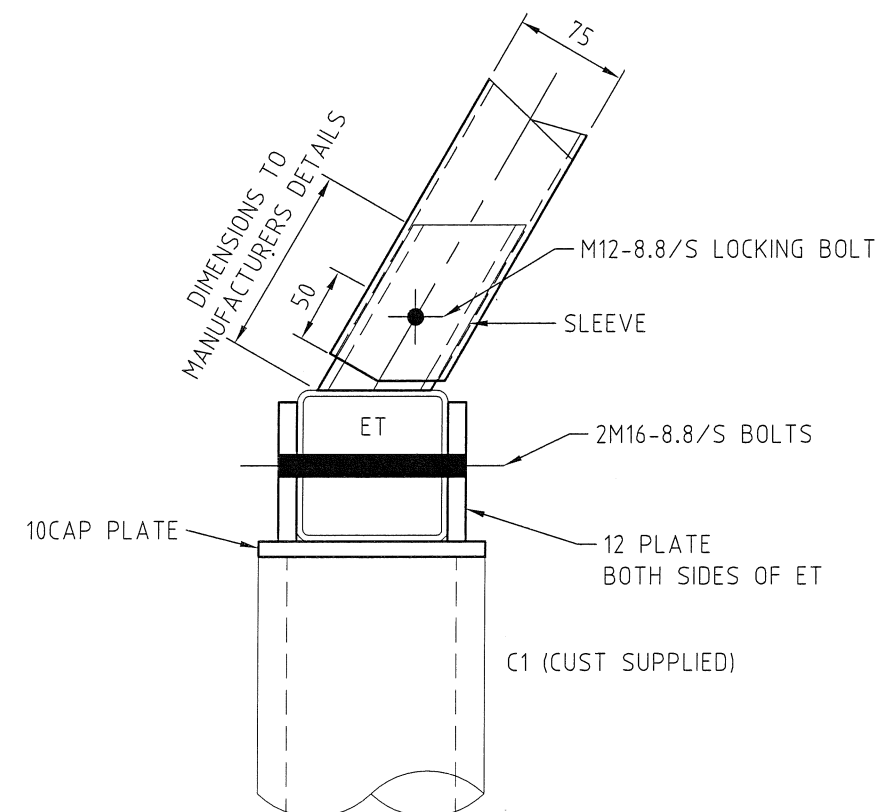
C	14.06.12	GENERAL REVISION
Amendment	Date	Description



DETAIL 1
SCALE 1:10



PIER DETAIL
NTS



TYPICAL MOUNTING SLEEVE
SCALE 1:5

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C	14.06.12	GENERAL REVISION

ALLSHELTER #AL4572 A3LR10/20A
CLIENT: LAKE COWAL FOUNDATION
SITE LOCATION: WEST WYALONG NSW
TYPICAL DETAILS

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Drawn: GT	Q Plan No:	Designed: JW
Scale: AS SHOWN	Q Chk Sign: John Wai	Approve sign: [Signature]
CAD Ref: B2237		

Job No. B2237	DWG No. S4	Amdt C	No. in set 4
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