

GENERAL STRUCTURAL NOTES Non-Cyclonic - Terrain Category 2.0 (Height to 3m).

LESS NOTED OTHERWISE

GENERAL:

G.1 DESIGN CRITERIA (TO AS1170 PARTS 0,1 & 2)

WIND LOAD: REGION: A3 TERRAIN CATEGORY: 2.0

ULT. REGIONAL WIND SPEED VR= 37.31 M/SEC.

G.2 ALL WORKMANSHIP & MATERIALS SHALL BE IN ACCORDANCE WITH ANY RELEVANT AUSTRALIAN STANDARD PREPARED BY THE STANDARDS ASSOCIATION OF AUSTRALIA.

G.4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRUCTURE DURING ERECTION & SHALL PROVIDE ADEQUATE PROPPING & SUPPORT.

FILL MATERIAL AND COMPACTION

F.1 SELECTED FILL SHALL BE GRAVEL, DECOMPOSED OR BROKEN ROCK, FREE FROM CLAY LUMPS & ORGANIC MATTER. CONFORMING TO THE FOLLOWING GRADING & REQUIREMENTS:-

AS METRIC SIEVE	% PASSING BY WEIGHT	AS METRIC SIEVE	% PASSING BY WEIGHT		
75.0MM	100	2.36MM	15 - 65	LINEAR SHRINKAGE	2% - 8%
9.5MM	30 - 100	0.075MM	5 - 25		

PRIOR TO PLACEMENT OF FILL (OR COMPACTION OF APPROVED NATURAL MATERIAL) THE AREA OF THE WORKS (MIN. 1000 BEYOND PERIMETER OF SLABS) SHALL BE CLEARED & STRIPPED OF ALL TOPSOIL AND DELETERIOUS MATERIALS. FILL UP TO 150MM BELOW SLAB LEVEL SHALL BE COMPACTED IN 150MM LAYERS TO 90% MMDD.

F.2 FILL (OR NATURAL MATERIAL WHERE APPROVED) IN 150MM LAYER IMMEDIATELY BELOW SLAB LEVEL SHALL BE COMPACTED TO 95% MMDD SAND BLINDING LAYER BELOW CONCRETE SLAB (IF USED) SHALL BE COMPACTED BY VIBRATION PLATE COMPACTOR TO 95% MMDD

F.3 FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 150 KPA AND ASSUME A CLASS A OR S SITE CLASSIFICATION TO AS 2870. THE BUILDER SHALL VERIFY SITE CLASSIFICATION, BEARING CAPACITY OF FOUNDATION MATERIALS PRIOR TO PLACING CONCRETE. POUR CONCRETE AGAINST UNDISTURBED FOUNDATION MATERIAL, BACKFILL OVER EXCAVATION WITH LEAN MIX CONCRETE.

CONCRETE

C.1 UNLESS OTHERWISE NOTED CONCRETE FOR SLABS & FOOTINGS SHALL BE CLASS N25 (25 MPA F'C, 20MM MAX. AGGREGATE), SUPPLIED & PLACED INCLUDING VIBRATION IN ACCORDANCE WITH AS3600. CONCRETE SLUMP TO BE 75+-15MM. NO ADMIXTURES TO BE USED UNLESS NOTED OTHERWISE OR APPROVED IN WRITING BY THE ENGINEER.

C.2 COVER TO REINFORCEMENT SHALL BE IN ACCORDANCE WITH AS3600. CONCRETE COVER TO BE MAINTAINED BY USE OF APPROVED CHAIRS SPACED AT 800 NOMINAL CRS. CONDUITS & PIPES SHALL NOT BE PLACED WITHIN COVER CONCRETE.

C.3 MESH REINFORCEMENT LAPS SHALL BE AT LEAST ONE FULL WIRE SPACING PLUS 25MM. REINFORCEMENT SHALL BE IN ACCORDANCE WITH AS3600 AND AS4671.

C.4 CONCRETE TO BE CURED BY AN APPROVED METHOD FOR A MINIMUM OF 7 DAYS. SELECTION OF CURING METHOD SHOULD TAKE INTO ACCOUNT THE REQUIRED SURFACE FOR ANY APPLIED FINISHES.

STEELWORK

S.1 ALL STRUCTURAL STEELWORK SHALL BE CARRIED OUT IN ACCORDANCE WITH AS4100 - SAA STEEL STRUCTURES CODE & ASSOCIATED AUSTRALIAN STANDARDS. STEEL GRADES SHALL BE IN ACCORDANCE WITH TABLE 2.1 OF AS4100.

S.2 UNLESS NOTED OTHERWISE, STEELWORK SHALL BE AS FOLLOWS:-

- * ROLLED STEEL SECTIONS GRADE 300 TO AS3679.1&2.
- * CIRCULAR HOLLOW SECTIONS GRADE C350. TO AS1163.
- * SQUARE AND RECTANGULAR HOLLOW SECTIONS GRADE C450 TO AS1163.
- * COLD FORMED PURLINS/GIRTS GRADE C450 TO AS1397.

S.3 UNLESS NOTED OTHERWISE WELDS SHALL BE 6MM CONTINUOUS FILLET WELDS & SHALL BE OF GENERAL PURPOSE QUALITY. ALL BUTT WELDS SHALL BE OF GENERAL PURPOSE QUALITY. WELDING SHALL BE IN ACCORDANCE WITH AS1554.


S.4 BOLTS & BOLTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS4100 & ASSOCIATED STANDARDS. UNLESS NOTED OTHERWISE:

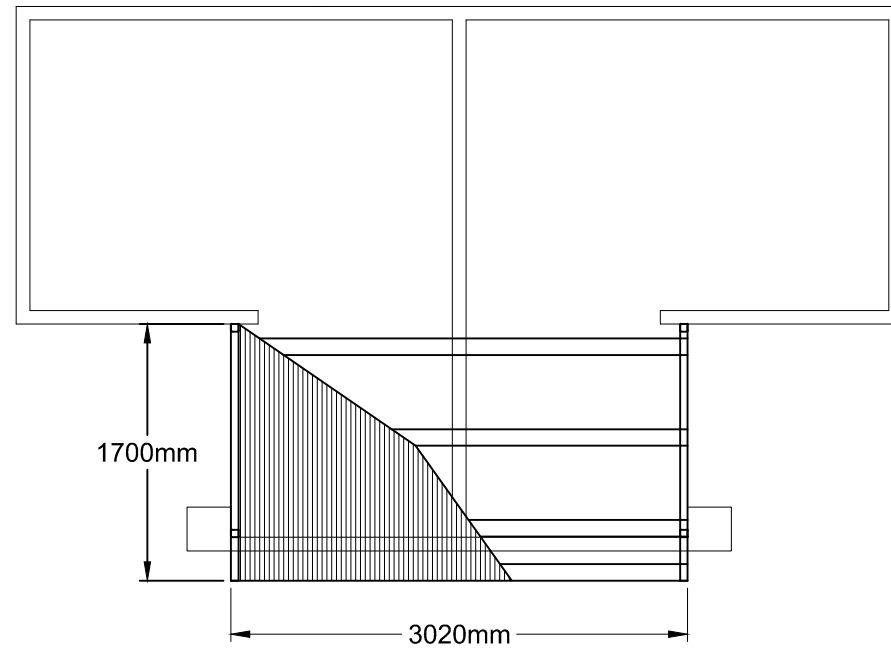
- * BOLT GRADE & CATEGORY SHALL BE 8.8/S (PROVIDE WASHER UNDER ALL NUTS)
- * THREAD PROJECTION BEYOND NUT SHALL BE MINIMUM 1 THREAD.
- * COLD FORMED PURLIN & GIRT BOLTS SHALL BE BHP STEEL PRODUCTS OR EQUAL WITH INTEGRAL WASHER.

S.5 STEELWORK, UNLESS HOT DIP GALVANISED OR NOTED OTHERWISE SHALL BE DEGREASED, PREPARED AS REQUIRED & PRIMED WITH ZINC PHOSPHATE OR OTHER APPROVED PRIMER APPLIED STRICTLY TO MANUF. SPECIFICATION. FINISH COATS TO EXPOSED STEELWORK TO BE PAINT COMPATIBLE WITH PRIMER. (DURAGAL TO BE PRIMED & PAINTED AS PER MANUFACTURERS SPECIFICATIONS).

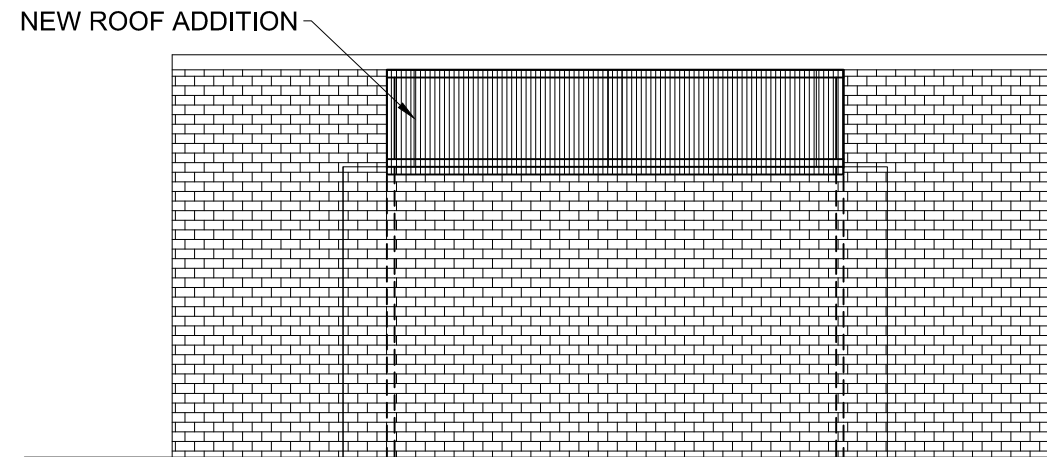
No	Revision	Drawn	Checked	Date

PRELIMINARY

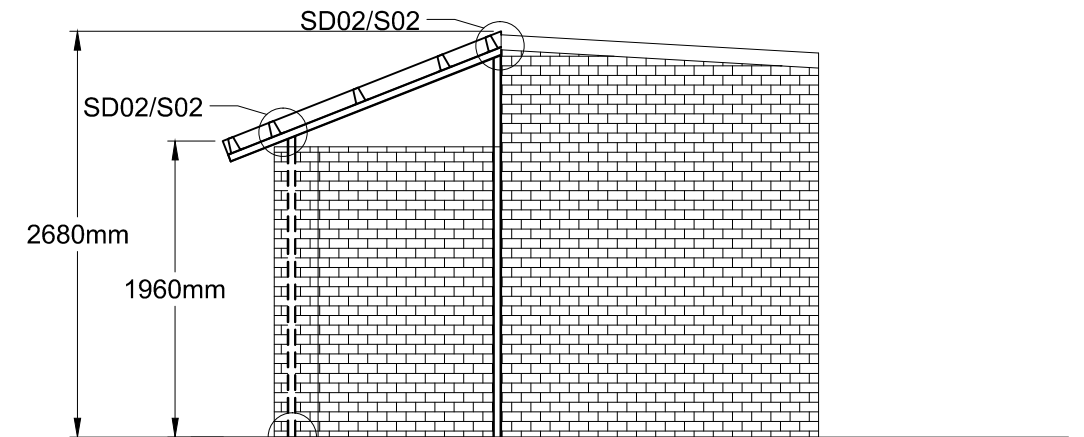
 <p>GEORGE TOWN COUNCIL 16-20 Anne Street, George Town, Tasmania, 7253</p>	<p>DO NOT SCALE</p>	<p>Drawn JL</p>	<p>Designed JL</p>	<p>Project GEORGE TOWN COUNCIL PROPOSED WEYMOUTH TOILET ROOF RENOVATION LOCALITY PLAN</p>
	<p>Checked</p>	<p>Checked</p>	<p>Title</p>	<p>Original Size A3 Drawing No:</p>
	<p>Approved</p>	<p>Date</p>	<p>Scale</p>	<p>Rev:</p>
	<p>Date</p>	<p>Scale</p>	<p>Scale</p>	<p>Rev:</p>



TOP VIEW



FRONT VIEW



SIDE VIEW

PRELIMINARY

DO NOT SCALE

Drawn JL

Designed JL



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16-20 Anne Street, George Town,
Tasmania, 7253

Checked

Checked

Approved

Date

Scale

Project GEORGE TOWN COUNCIL
PROPOSED WEYMOUTH TOILET ROOF RENOVATION
Title ELEVATION VIEW

Original Size
A3 Drawing No:

Rev:

STRAMIT 0.42 BMT 3 FIXING AT EACH SUPPORT (NO12X35 TEKS)

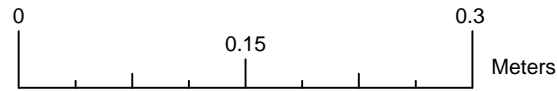
STRAMIT TH96100@600mm CRS AND END 4XNO14 SCREW AT SUPPORT

INSTALL FASCIA TO MANU SPECS

CAP ALL OPENINGS WITH 4mm PL U.N.O

FULLY WELD 50X3SHS TO 50X3SHS RAFTER

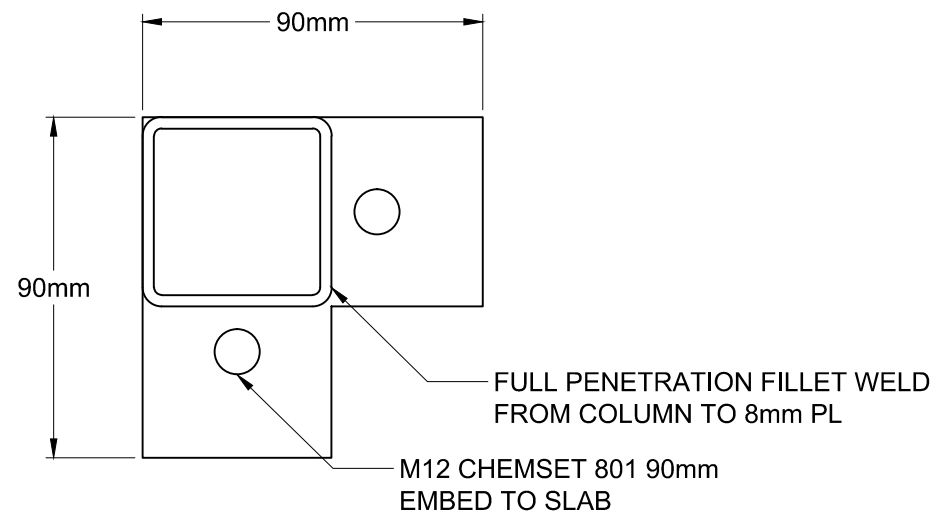
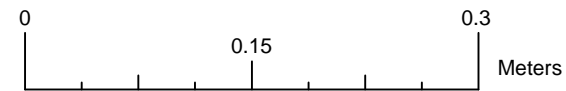
SD02



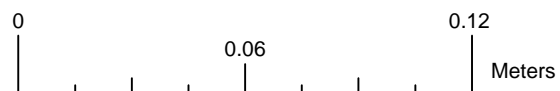
INSTALL FASCIA TO SUIT ROOF

FULLY WELD 50X3SHS TO 50X3SHS RAFTER

SD03



SD01



PRELIMINARY

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Tasmania, 7253

Drawn JL

Designed JL

Checked

Checked

Approved

Date

Scale

Project GEORGE TOWN COUNCIL
PROPOSED WEYMOUTH TOILET ROOF RENOVATION
Title STRUCTURAL DETAIL

Original Size
A3 Drawing No:

Rev: