

PROPOSED ROOF EXTENSION CRICKET CLUB GEORGE TOWN

BUILDING DRAWINGS


S01	OVERVIEW
S02	FLOOR PLAN
S03	DEMOLITION PLAN
S04	ELEVATION VIEW
S05	ROOF PLAN
S06	SECTIONAL VIEW



WARNING: THE LOCATION OF EXISTING SERVICES ARE APPROXIMATE ONLY AND NOT ALL SERVICES MAY BE SHOWN. THE EXACT LOCATION SHOULD BE PROVED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

PRELIMINARY
NOT FOR CONSTRUCTION

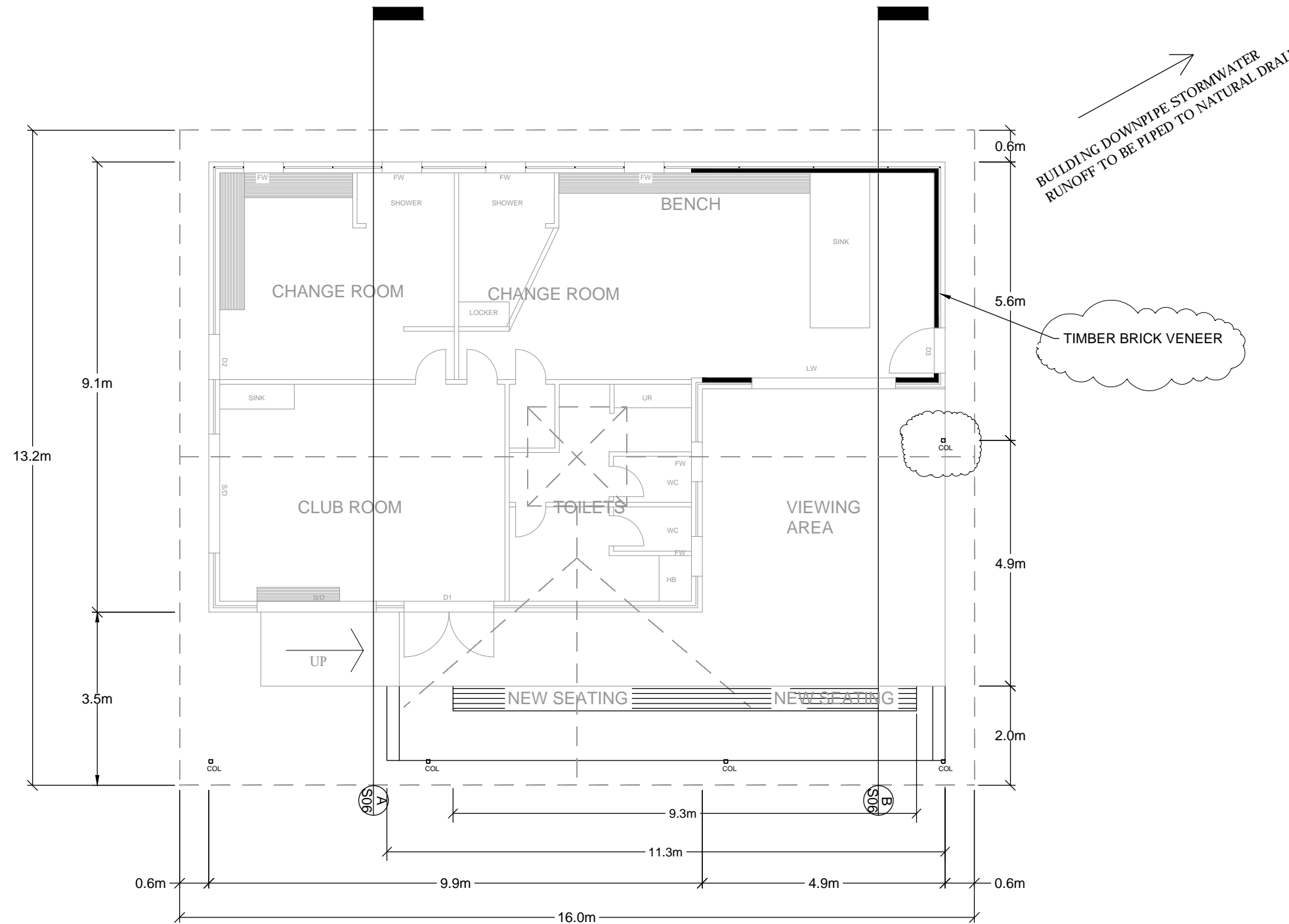
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No	Revision	Drawn	Checked	Date

DO NOT SCALE  GEORGE TOWN COUNCIL 16-20 Ahne Street, George Town, Tasmania, 7253	Drawn JL	Designed SB/JL	Project GEORGE TOWN COUNCIL CRICKET CLUB ROOF EXTENSION Title OVERVIEW Original Size Drawing No: W1078 SA01 Rev: A
	Checked TH	Checked TH	
	Approved T. HEWITT CC309W		
	Date	Scale	

LEGEND

EXISTING DOOR AND WINDOW SCHEDULE	
D1	EX-DOUBLE SWING DOOR
D2	EX-SINGLE LEAVE DOOR
D3	EX-SINGLE LEAVE DOOR
S/D	EX-SLIDING DOOR
F/W	EX-FIX WINDOW
LW	EX-LOUVRE WINDOW

COL - 75 X 75 SHS COLUMN REFER TO ENGINEERING DRAWING




FLOOR PLAN

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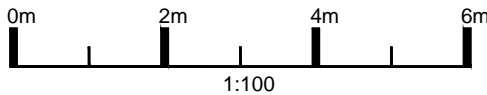
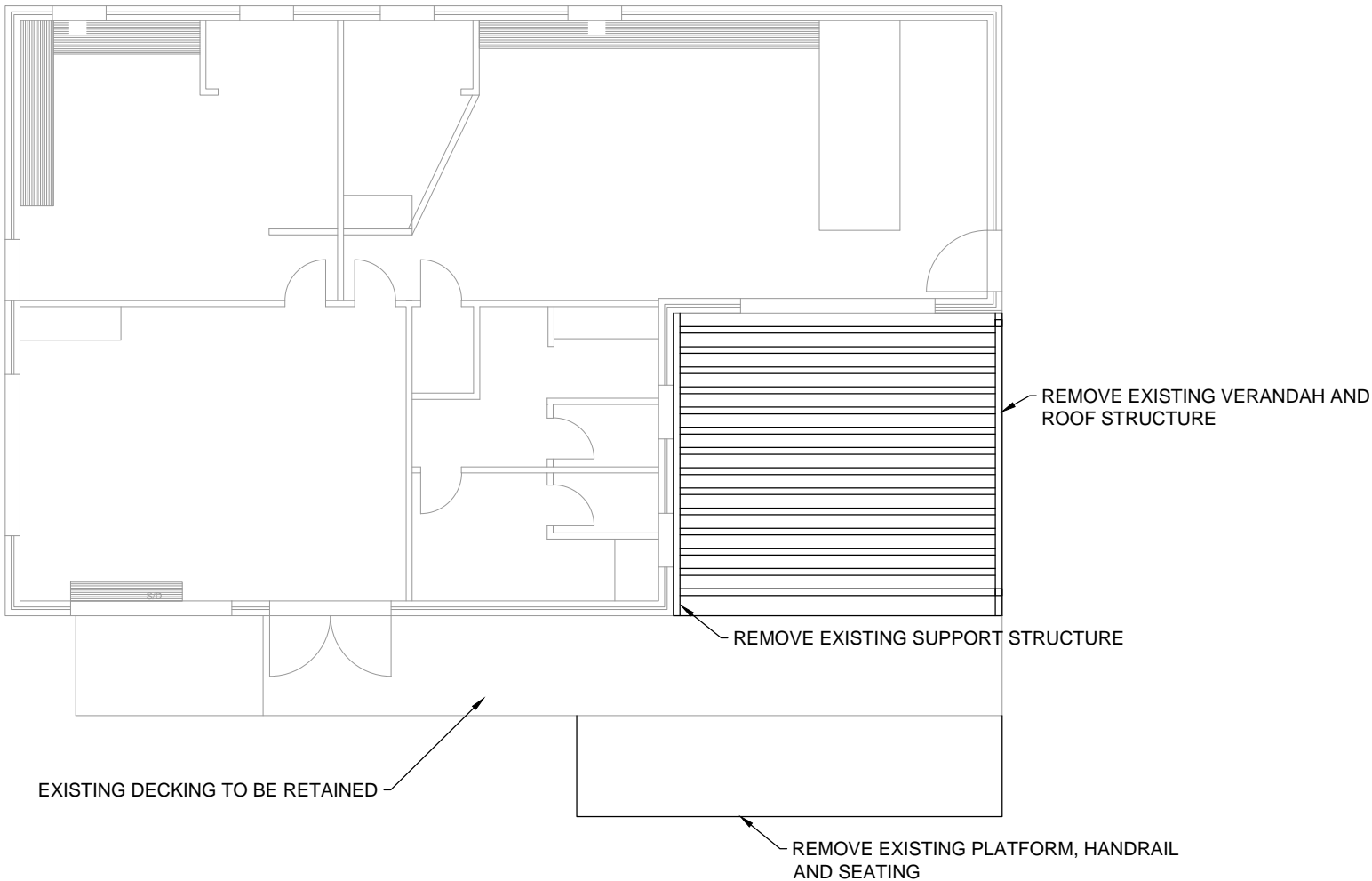
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C	ADDITIONAL COLUMN	JL		
B	CHANGES IN SEATING AND DRAINAGE	JL		
A	ISSUED FOR QUOTATION	JL		

<p>DO NOT SCALE</p>  <p>GEORGE TOWN COUNCIL 16-20 Anne Street, George Town, Tasmania, 7253</p>	Drawn JL	Designed SB/JL	<p>Project GEORGE TOWN COUNCIL CRICKET CLUB ROOF EXTENSION</p> <p>Title FLOOR PLAN</p> <p>Original Size A3 Drawing No: W1078 SA02 Rev: C</p>
	Checked TH	Checked TH	
	Approved T. HEWITT CC309W		
	Date		
Scale			

DEMOLITION

DEMOLITION SCHEDULE

- REMOVE EXISTING RAKING ROOF, CEILING AND TOP PLATES
- REMOVE EXISTING VERANDAH STRUCTURE
- REMOVE EXISTING PLATFORM, HANDRAIL AND SEATING AS NOTED

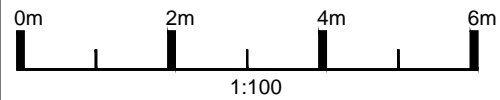
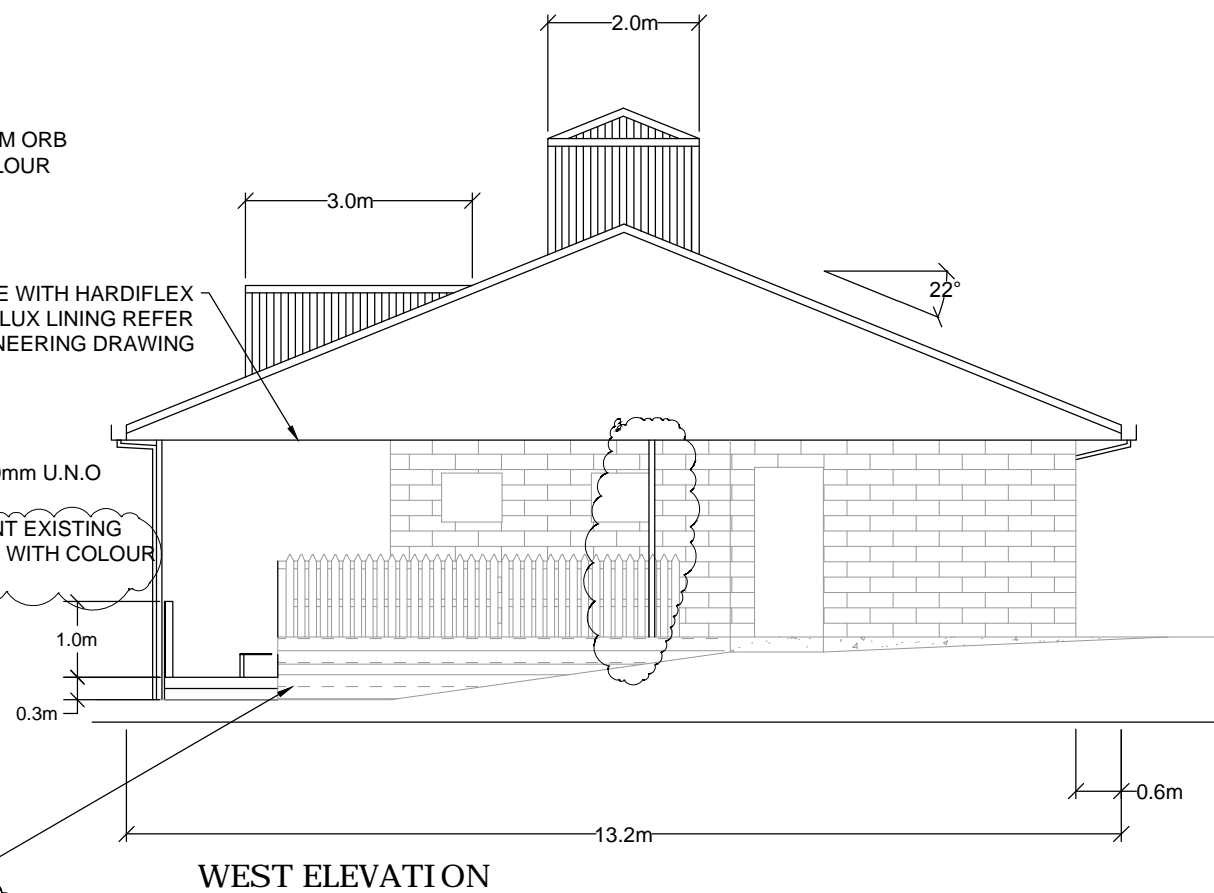
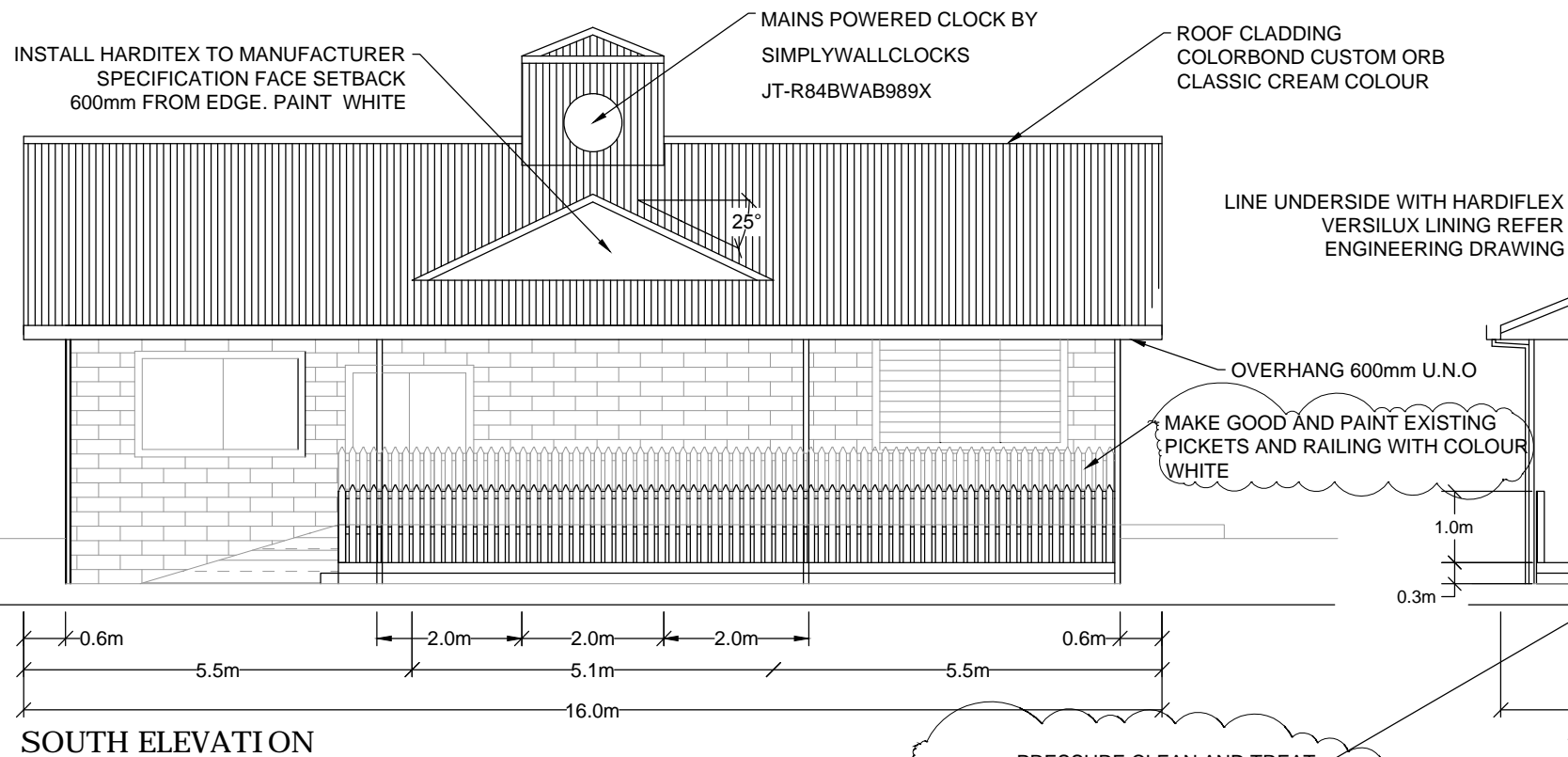
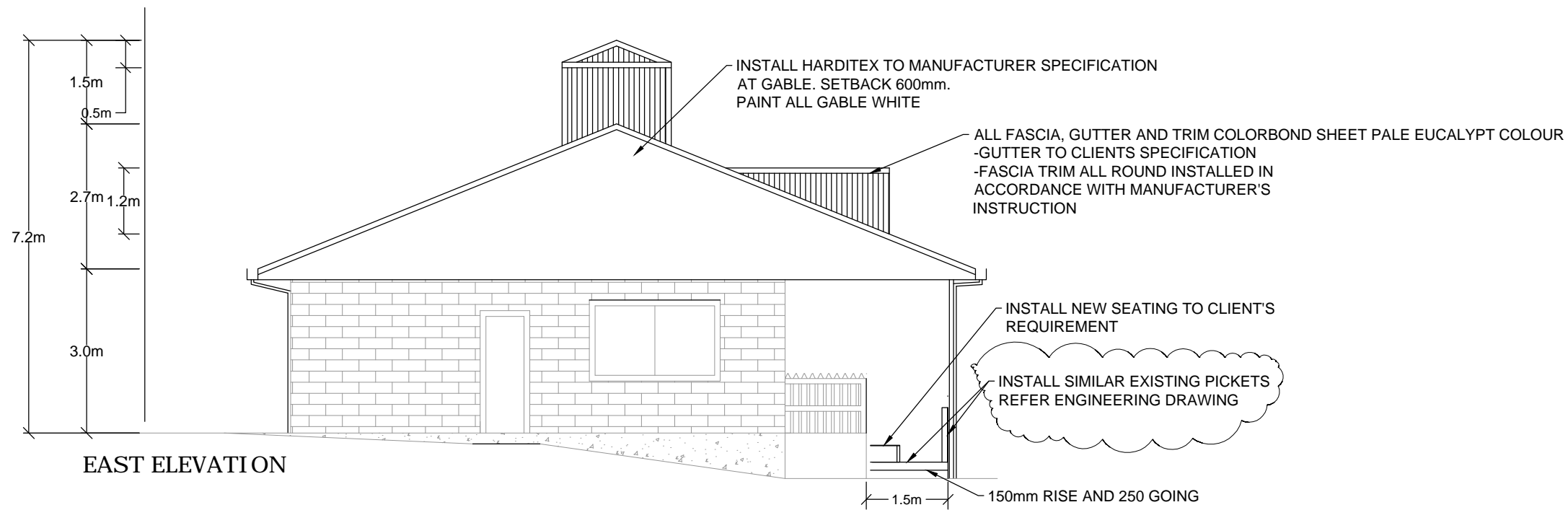


DEMOLITION PLAN

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**PRELIMINARY
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DO NOT SCALE		Drawn JL	Designed SB/JL	Project GEORGE TOWN COUNCIL CRICKET CLUB ROOF EXTENSION
		Checked TH	Checked TH	Title DEMOLITION PLAN
		Approved T. HEWITT CC309W		
		Date		
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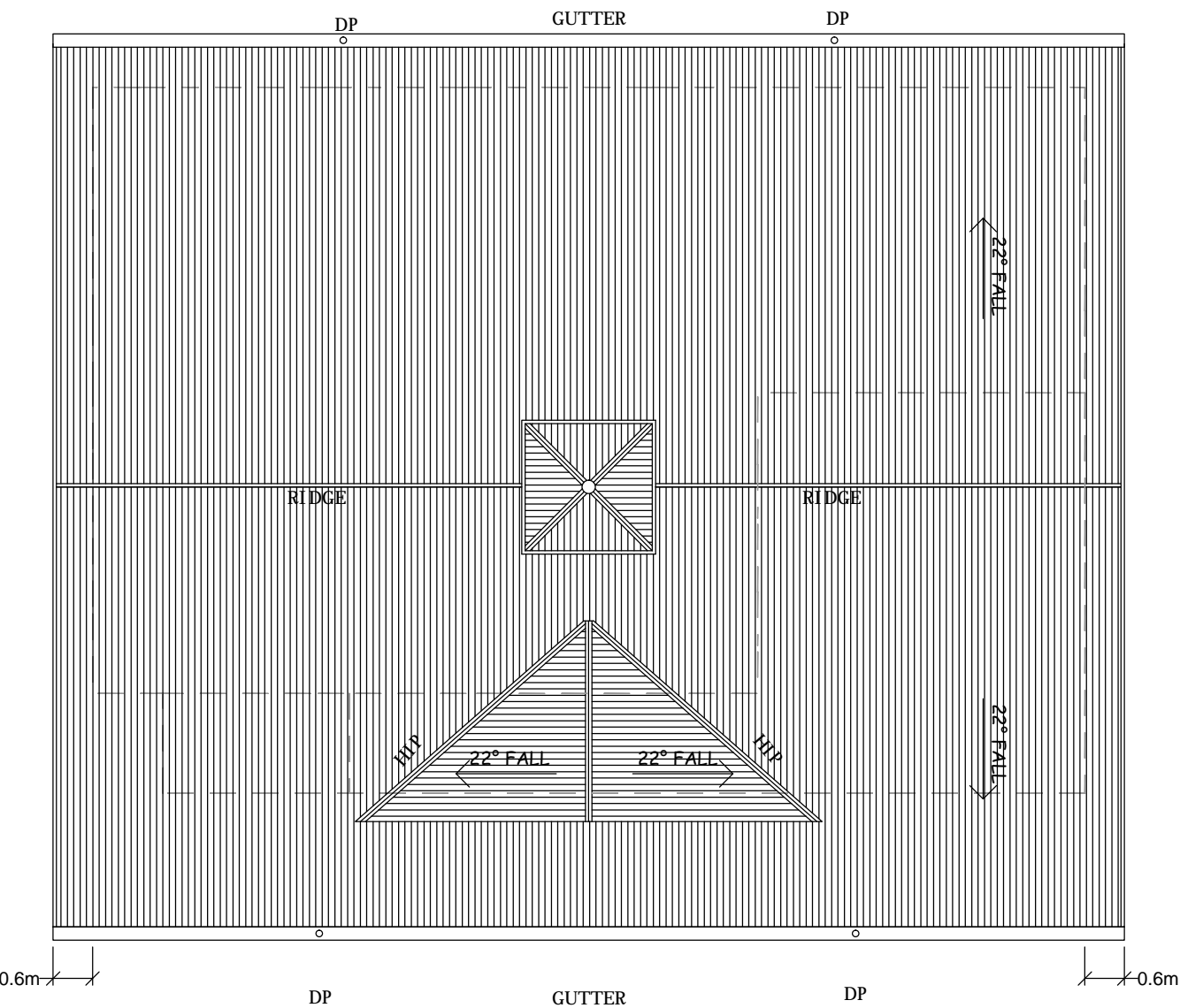


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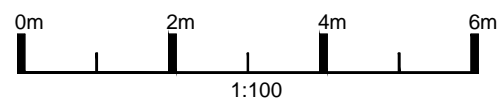
No	Revision	Drawn	Checked	Date
C	ADDITIONAL COLUMN AND DECK	JL		
B	CLOCK DETAIL	JL		
A	ISSUED FOR QUOTATION	JL		

**PRELIMINARY
NOT FOR CONSTRUCTION**

<p>GEORGE TOWN COUNCIL 16-20 Ahne Street, George Town, Tasmania, 7253</p>	<p>DO NOT SCALE</p>	<p>Drawn JL</p>	<p>Designed SB/JL</p>	<p>Project GEORGE TOWN COUNCIL CRICKET CLUB ROOF EXTENSION</p>
	<p>Checked TH</p>	<p>Checked TH</p>	<p>Title ELEVATION VIEW</p>	
	<p>Approved T. HEWITT CC309W</p>	<p>Date</p>	<p>Original Size</p>	
	<p>Scale</p>	<p>Scale</p>	<p>A3 Drawing No: W1078 SA04</p>	<p>Rev: C</p>



ROOF PLAN



ROOF PLUMBING NOTES

GUTTER INSTALLATION

TO BE IN ACCORDANCE WITH BCA 2012 PART 3.5.2.4
 WITH FALL NO LESS THAN 1:100 FOR BOX GUTTERS
 1:500 FOR EAVES GUTTERS

UNLESS FIXED TO METAL FASCIA, EAVES GUTTERS TO BE
 FIXED @ 1200 CRS MAX

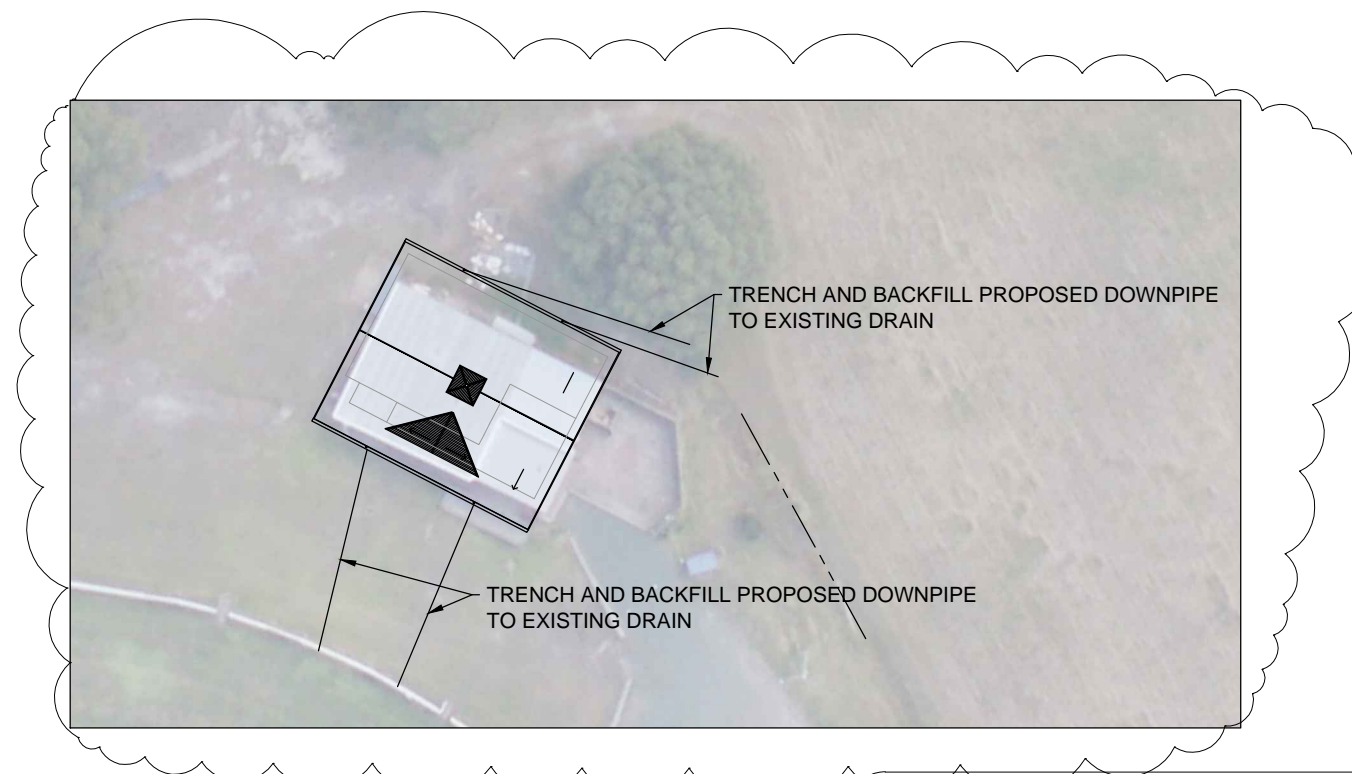
VALLEY GUTTERS ON A ROOF WITH A PITCH:

- A) MORE THAN 12.5° DEGREES - MUST HAVE A WIDTH OF NOT LESS THAN 400mm AND ROOF OVERHANG OF NOT LESS THAN 150mm EACH SIDE OF VALLEY GUTTER
- B) LESS THAN 12.5° DEGREES MUST BE DESIGNED AS A BOX GUTTER

LAP GUTTERS

75mm IN THE DIRECTION OF FLOW, RIVET & SEAL
 WITH AN APPROVED POLYURETHANE


DOWNPIPE POSITIONS SHOWN ON THIS PLAN ARE NOMINAL ONLY.
 EXACT LOCATION & NUMBER OF DP'S WITH BCA CLAUSE 3.5.2.5
 REQUIREMENTS SPACING BETWEEN DOWNPIPES MUST NOT BE MORE THAN 12m & within 1.2m FROM A VALLEY GUTTER

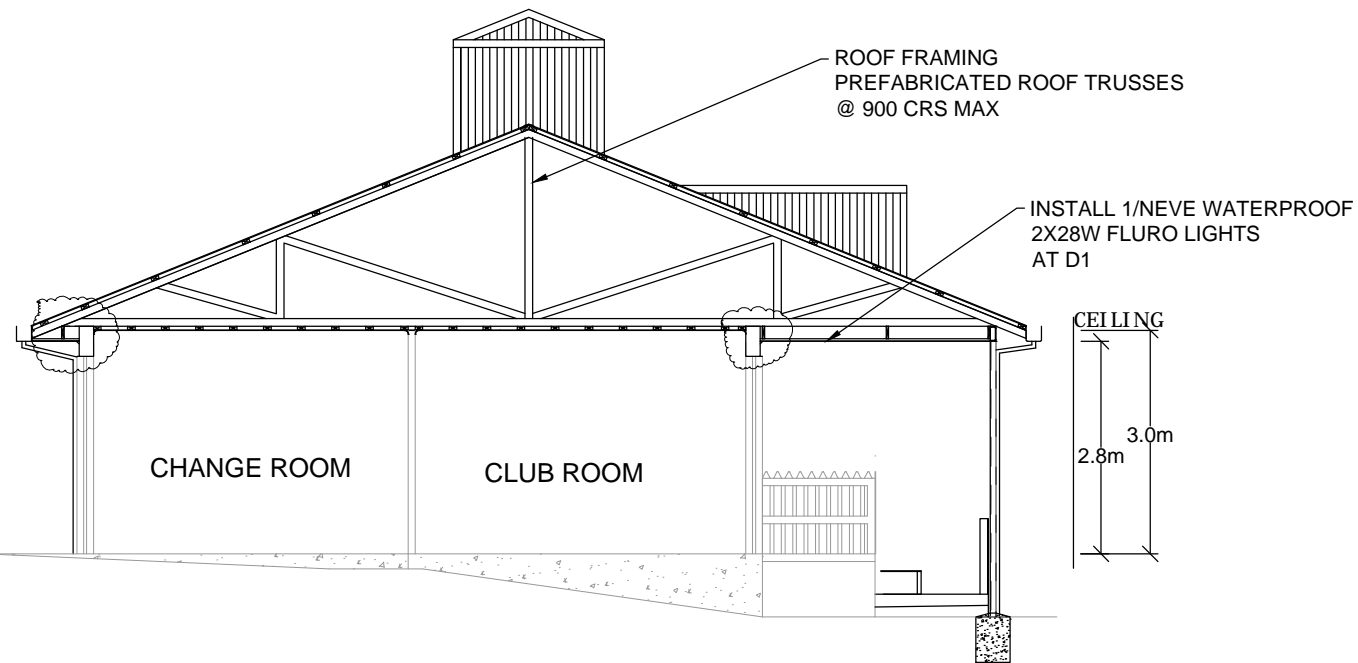


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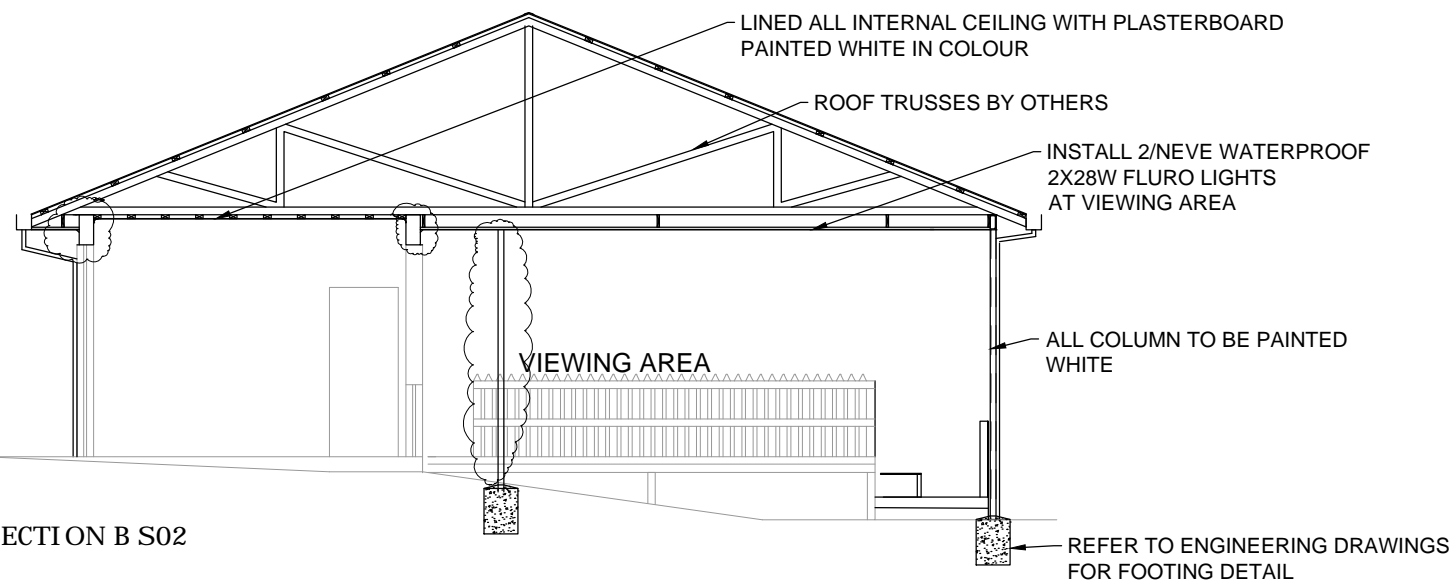
**PRELIMINARY
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No	Revision	Drawn	Checked	Date
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A	ISSUED FOR QUOTATION	JL		

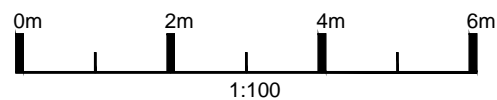
DO NOT SCALE  GEORGE TOWN COUNCIL 16-20 Anne Street, George Town, Tasmania, 7253	Drawn JL	Designed SB/JL	Project GEORGE TOWN COUNCIL CRICKET CLUB ROOF EXTENSION Title ROOF PLAN
	Checked TH	Checked TH	
	Approved T. HEWITT CC309W		
	Date		
Scale	Original Size A3		Drawing No: W1078 SA05
			Rev: B



SECTION A S02



SECTION B S02



ROOF FRAMING

CUSTOM ORB SHEET ROOFING CLASSIC CREAM COLOUR OVER 100X50 HWD NAILING BATTENS AT 900 CRS AND APPROVED ROOF TRUSSES INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

PAINTING

DO ALL INTERNAL AND EXTERNAL PAINTING REQUIRED. ALL AT LEAST EQUAL TO FIRST CLASS TRADE STANDARD. REPAINT ALL INTERNAL WOODWORK TO CLEAR NATURAL FINISH PAINT SHALL BE WHITE IN COLOUR

PLASTER

LINE CEILING INTERNALLY WITH 10mm PLASTERBOARD SHEETINGS. CEILING BATTENS AT 450 CRS. INSTALL BORAL NOVASCOTIA CORNICES TO ALL INTERNAL CEILING TO MANUFACTURER SPECIFICATION PAINT PLASTERBOARD SHEETINGS WHITE IN COLOUR WITH LVL 4 FINISH

PLUMBING AND INTERNAL WIRING

REPAIR AND MAKEGOOD ALL INTERNAL PLUMBING AND WIRING TO RELEVANT STANDARDS

INTERNAL WALLING

ALL INTERNAL WALL SHALL BE BROUGHT ABOVE CEILING HEIGHT AND CORNICES TO BE INSTALLED IN ALL INTERNAL WALLING TO MANUFACTURER SPECIFICATION

ROOF TRUSS

ROOF TRUSS AND BRACING DESIGN BY OTHERS BE PROVIDED TO AUTHORIZING BODY PRIOR TO CONSTRUCTION

BUILDING SERVICES

CONTRACTOR TO CHECK AND MAKE GOOD ALL INTERNAL AND EXTERNAL BUILDING SERVICES (ELECTRICITY, PLUMBING, SECURITY ALARM) TO CURRENT STANDARDS.

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PRELIMINARY
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C	DOUBLE BOND BEAM	JL		
B	ADDED LIGHTS AND NOTE	JL		
A	ISSUED FOR QUOTATION	JL		
No	Revision	Drawn	Checked	Date

<p>DO NOT SCALE</p> <p>GEORGE TOWN COUNCIL 16-20 Anne Street, George Town, Tasmania, 7253</p>	Drawn JL	Designed SB/JL	Project GEORGE TOWN COUNCIL CRICKET CLUB ROOF EXTENSION
	Checked TH	Checked TH	Title SECTIONAL VIEW
	Approved T. HEWITT CC309W		Original Size
	Date	Scale	A3 Drawing No: W1078 SA06 Rev: C



GENERAL STRUCTURAL NOTES

Unless noted otherwise

General:

Design criteria (to AS4055)

Region A Terrain Category : 2.5 Topography : 1

Wind Category : N1

G.1 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	linear shrinkage	2% - 8%
75.0mm	100	2.36mm	15 - 65		
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.

C.5 Concrete cover shall be minimum 50mm U.N.O.

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).

Reinforced Masonry

R.1. All blockwork and materials and workmanship shall comply with AS 3700. Blocks shall be "As" series with a characteristic unconfined compressive strength of 15MPa.

R.2. Mortar shall be made by mechanical mixers in the following proportions by volume of type A Portland cement : hydrated lime : Pit sand 1:1:6 (M3)

R.3. Hollow blocks shall have a full face shell bed of mortar. Solid blocks shall be fully bedded in mortar. Bed joints and perpends shall not be raked

R.4. Grout for filled masonry shall have:

F_c = 20MPa

Maximum aggregate size = 6mm

Minimum cement content of 300 kg/m³

Slump 230 +/- 30mm

R.5. Grout filling shall be thoroughly rodded using a plain round bar

Unreinforced Masonry

M.1 Masonry shall be in accordance to AS3700

M.2 Blocks shall be Grade 15 minimum to AS2733

Blocks shall have a minimum characteristic compressive strength of 15MPa

Bricks shall have a minimum characteristic compressive strength of 25MPa

M.3 Mortar shall be -1:1:6 cement/lime/sand generally unless noted otherwise

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PRELIMINARY
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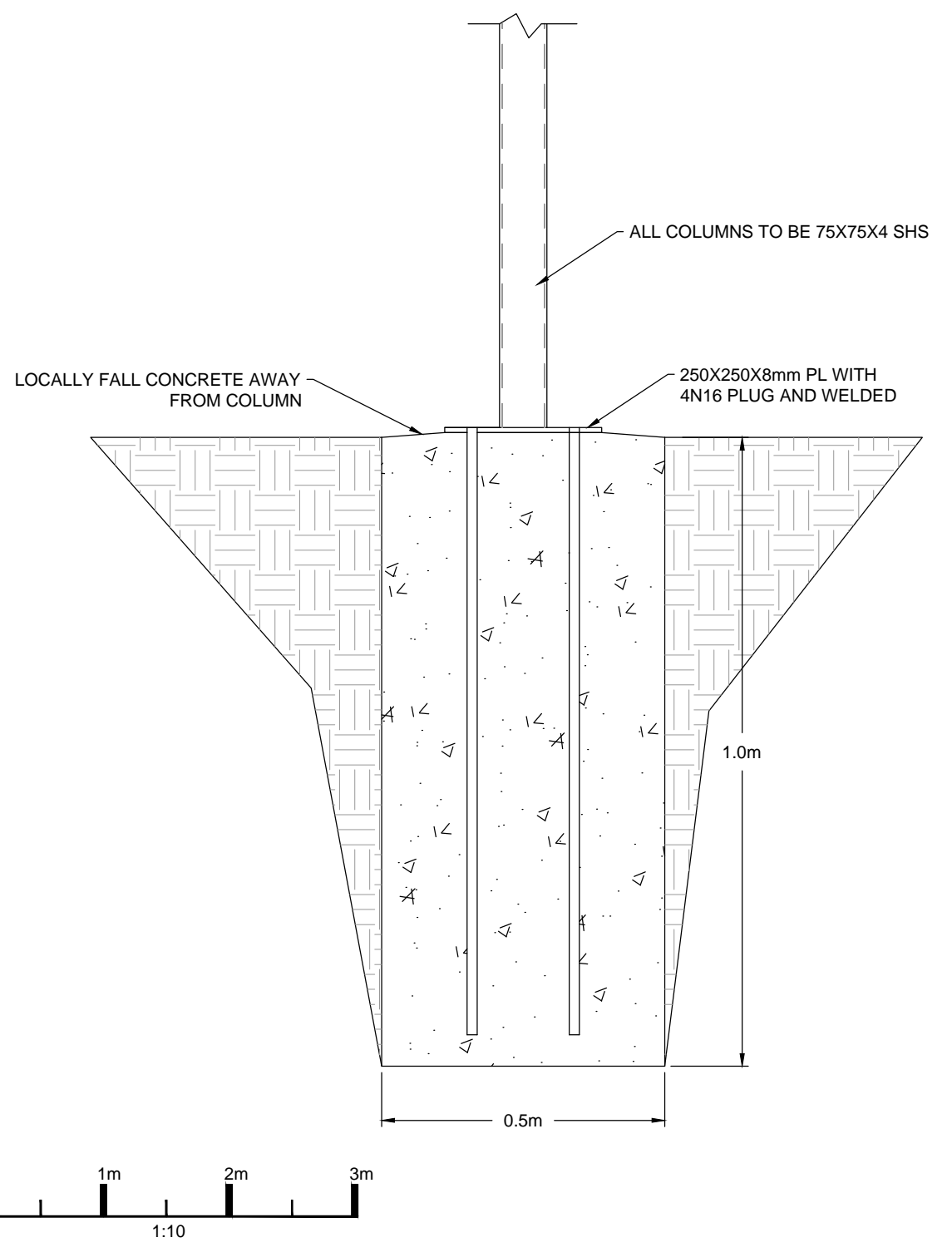
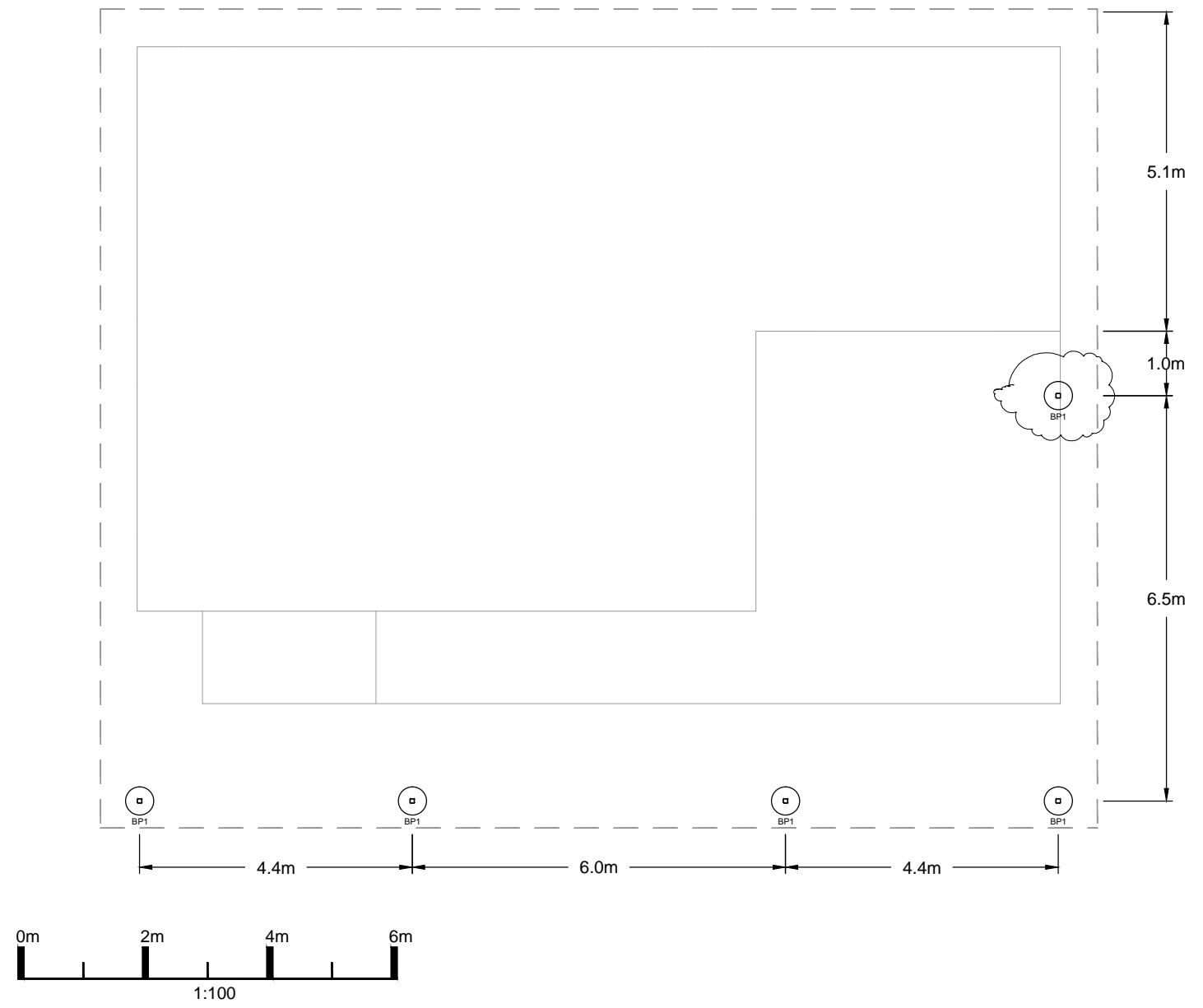
DO NOT SCALE



GEORGE TOWN COUNCIL
16-20 Anne Street, George Town,
Tasmania, 7253

Drawn	JL	Designed	JL
Checked	TH	Checked	TH
Approved	T. HEWITT CC309W		
Date			
Scale			


Project	GEORGE TOWN COUNCIL CRICKET CLUB ROOF EXTENSION		
Title	STRUCTURAL NOTES AND OVERVIEW PLAN		
Original Size	A3	Drawing No:	W1078 SE01
Rev:	A		

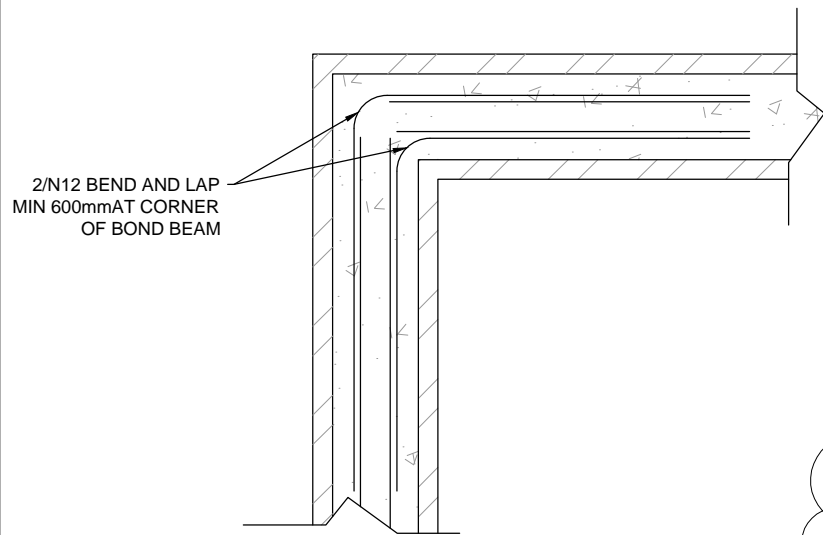
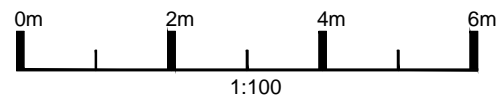
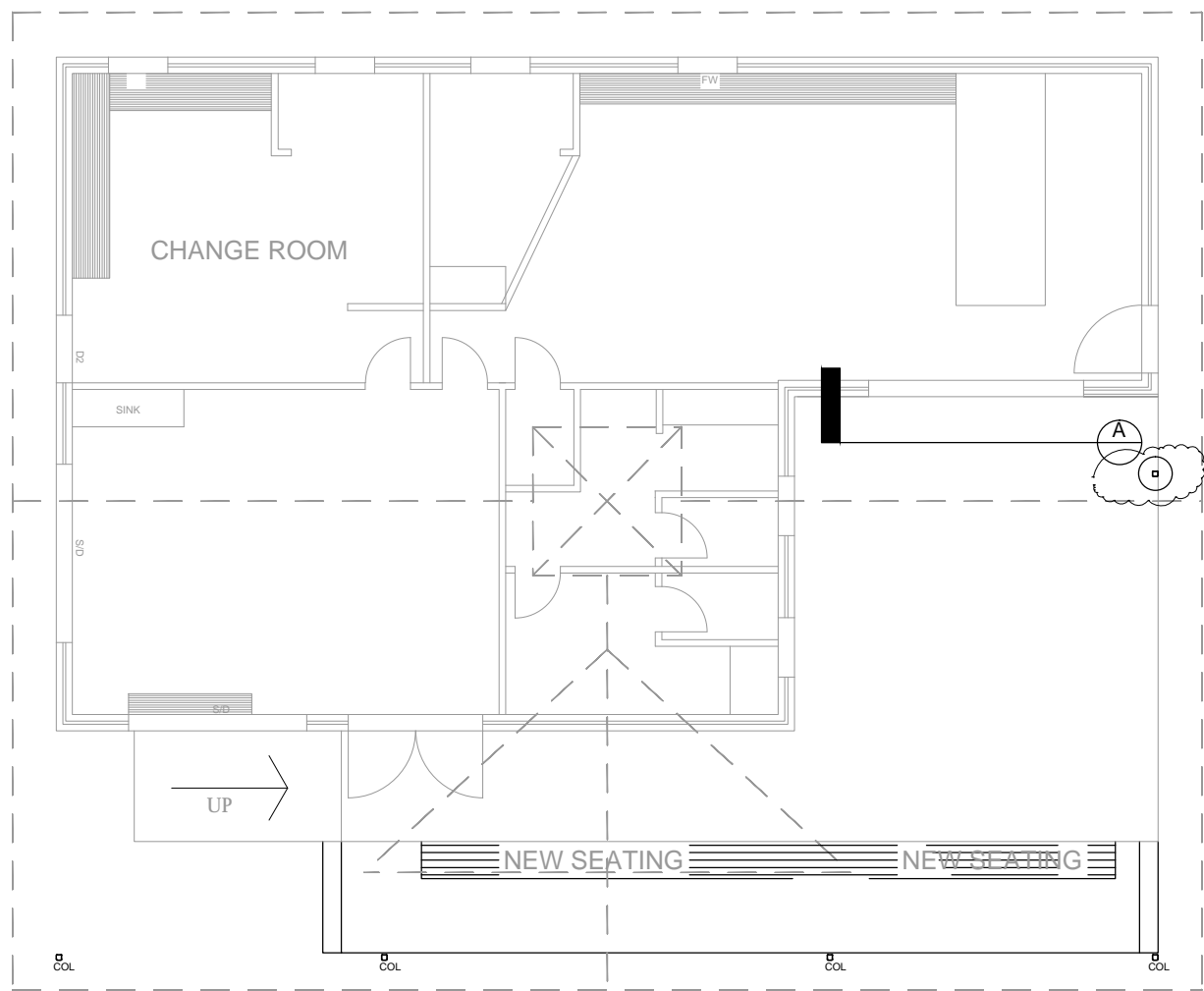


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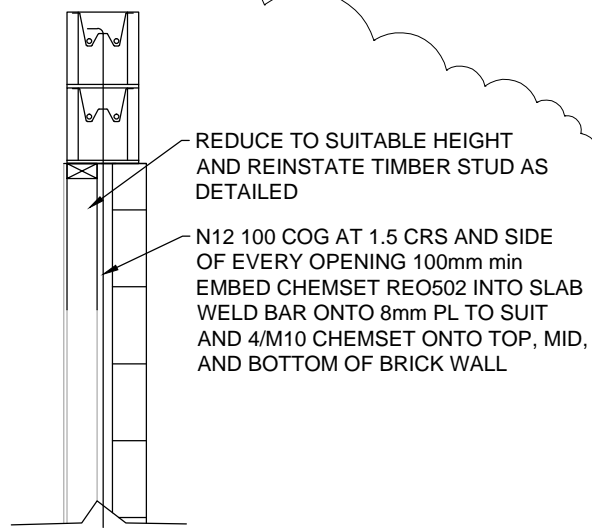
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A	ISSUED FOR QUOTATION	JL		

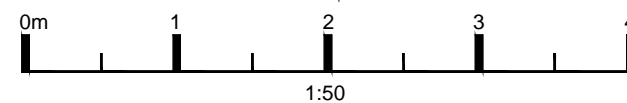
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	Checked TH	Checked TH	
	Approved T. HEWITT CC309W		
	Date		
	Scale		



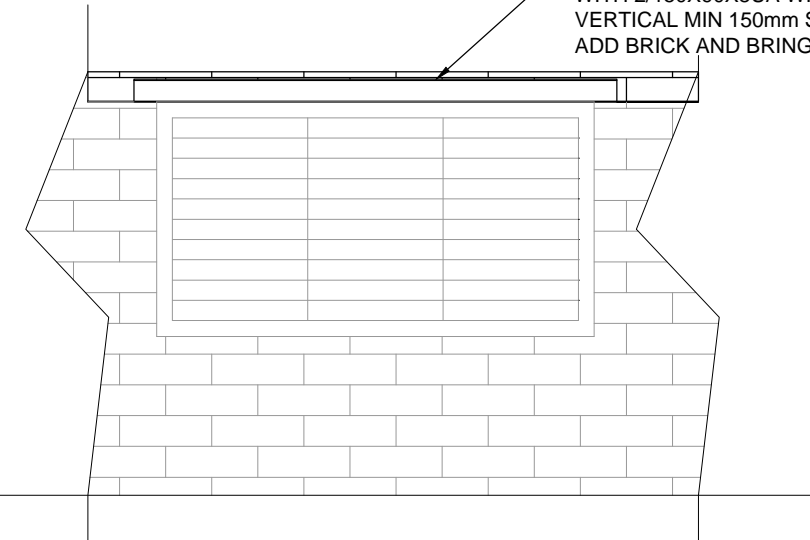
TYPICAL BOND BEAM CORNER DETAIL



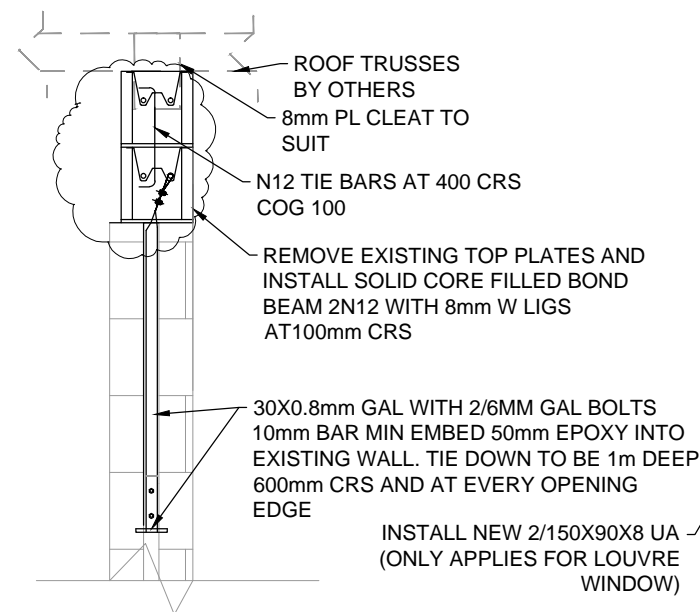
TIMBER VENEER DETAIL



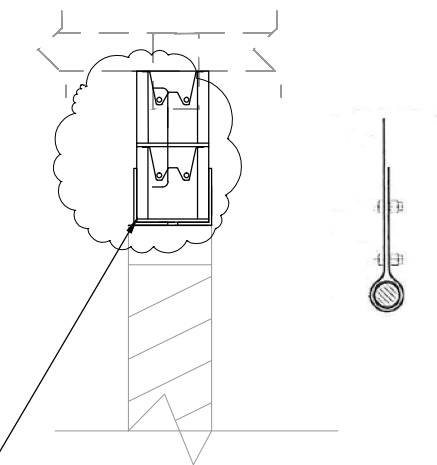
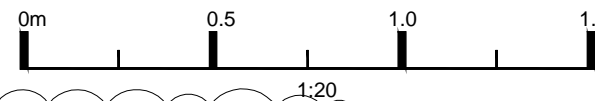
REPLACE EXISTING TIMBER SUPPORT STRUCTURE WITH 2/150X90X8UA WITH LONGER LEG VERTICAL MIN 150mm SUPPORT EACH SIDE ADD BRICK AND BRING IT TO FULL HEIGHT



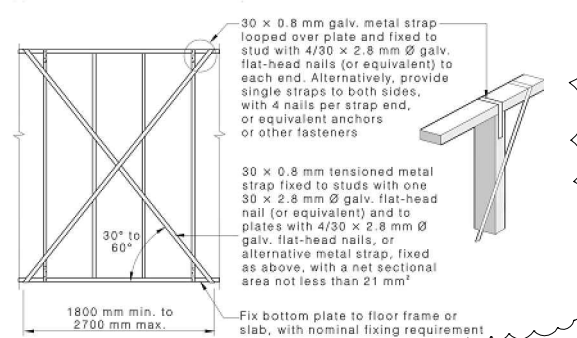
DETAIL A LOUVRE WINDOW LINTEL DETAILS



TYPICAL TOP PLATE DETAIL



WINDOW LINTEL AND TOP PLATE DETAIL (MID OF WINDOW LENGTH)



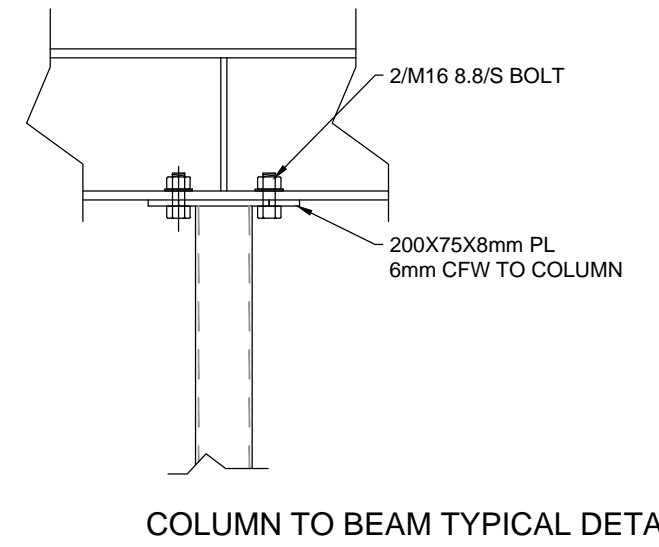
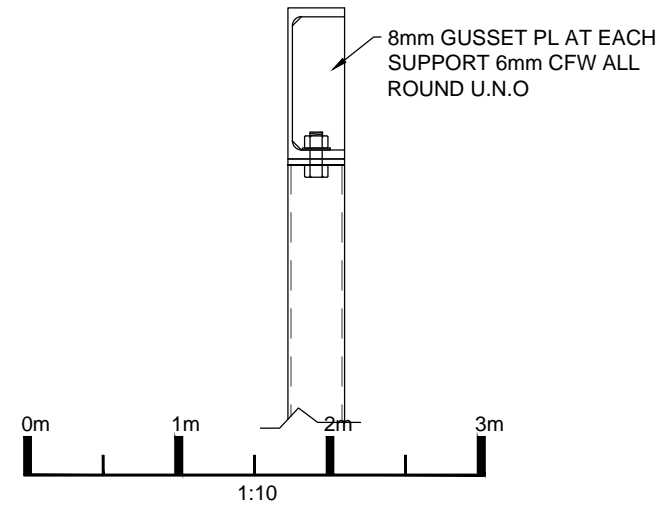
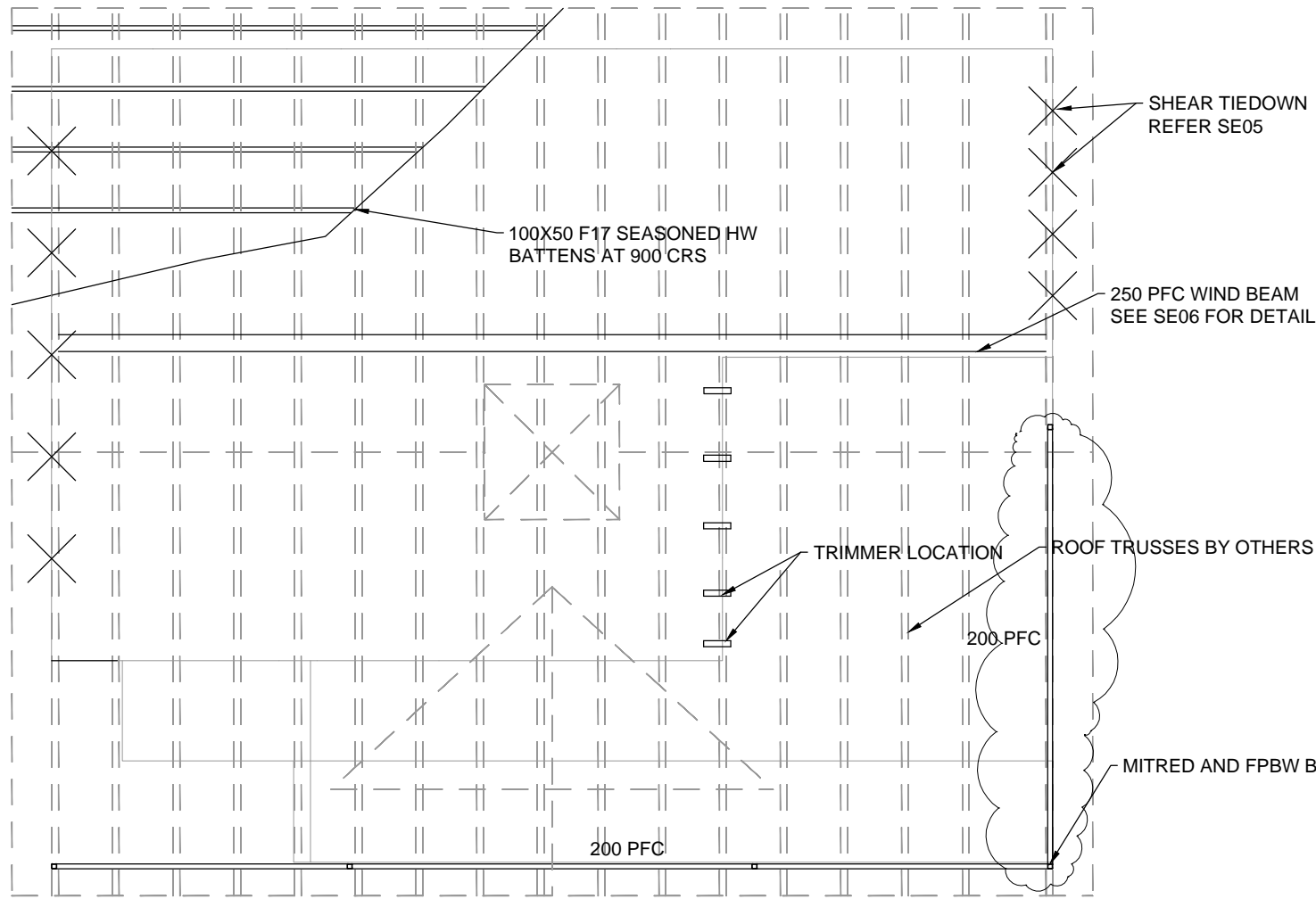
TOP PLATE TYPICAL DETAILS

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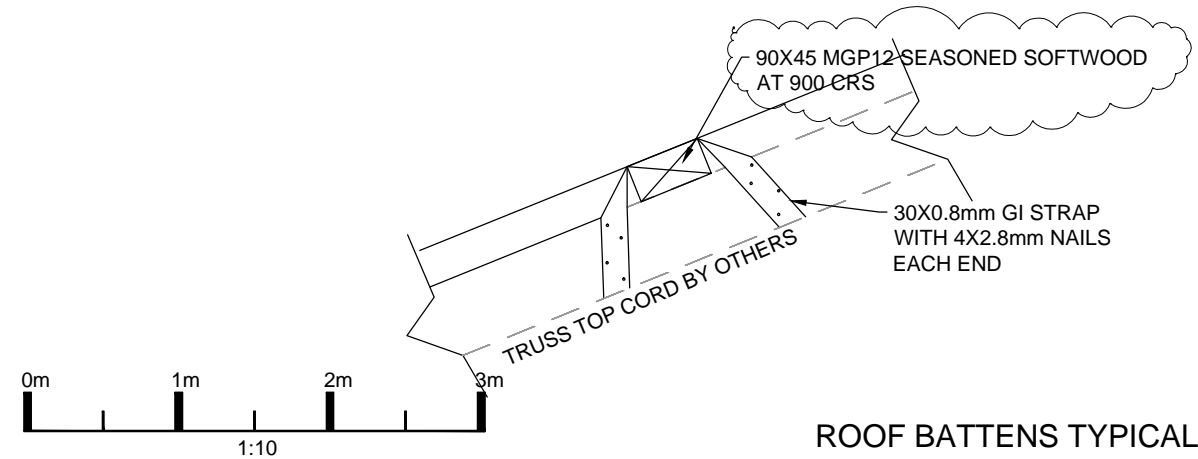
PRELIMINARY
NOT FOR CONSTRUCTION

C	ADDITIONAL COLUMN AND BOND BEAM	JL		
B	CHANGE IN SEATING	JL		
A	ISSUED FOR QUOTATION	JL		
No	Revision	Drawn	Checked	Date

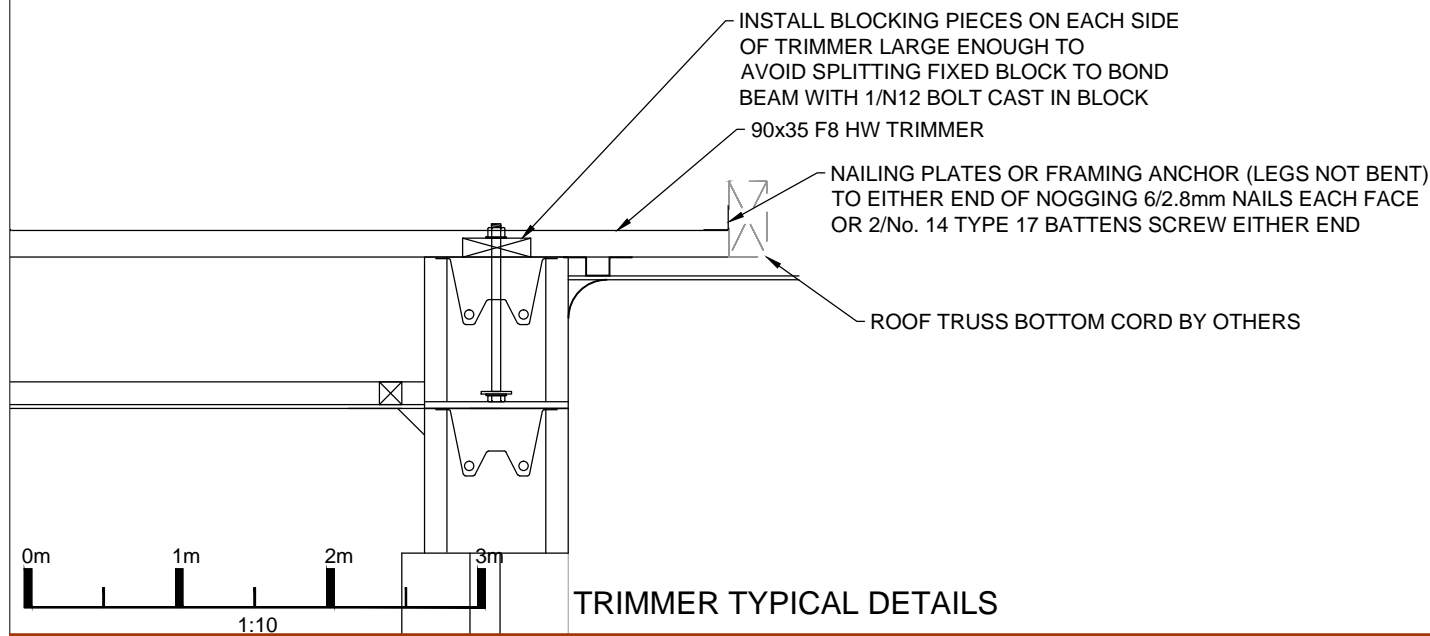
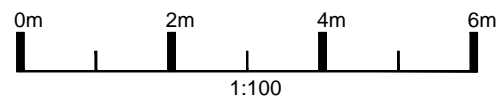
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		Checked TH	Checked TH	Title ROOF TIE DOWN DETAILS
		Approved T. HEWITT CC309W		Original Size A3
		Date		Drawing No: W1078 SE03
		Scale		Rev: C



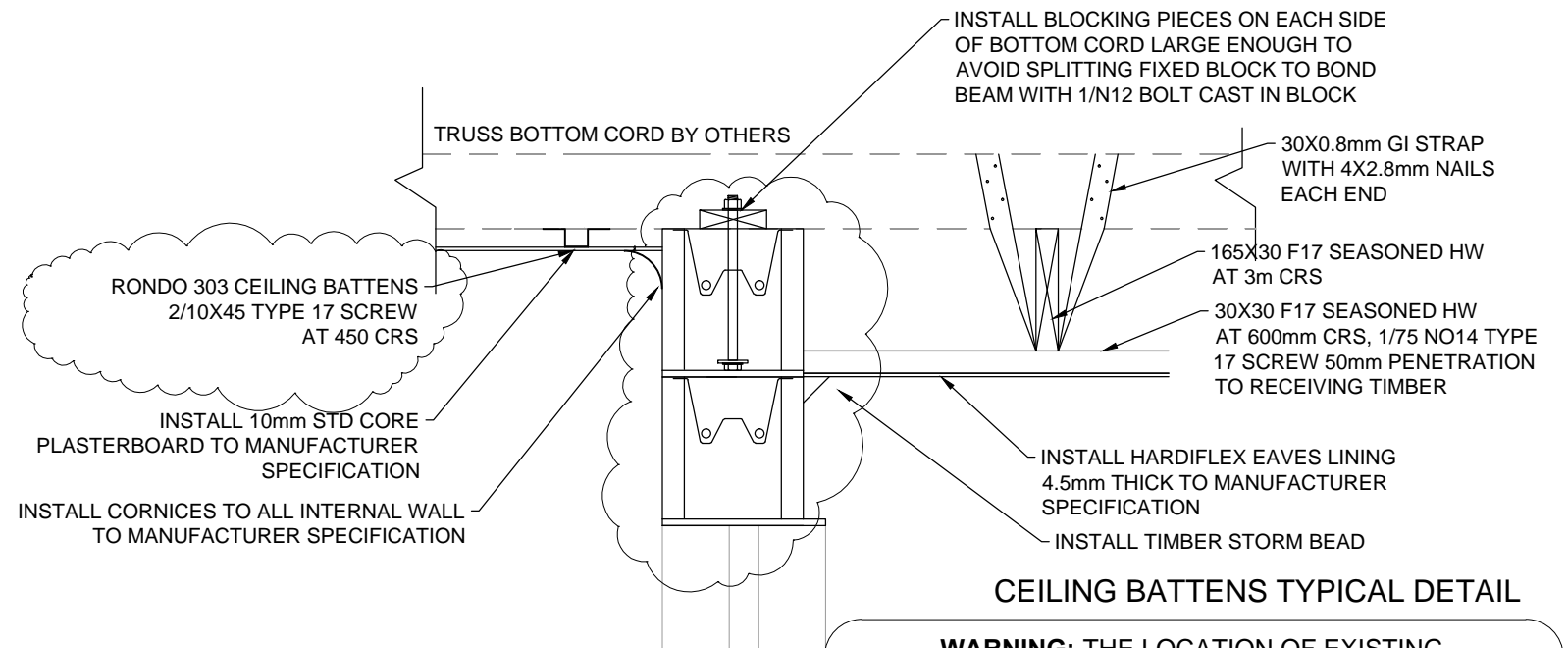
COLUMN TO BEAM TYPICAL DETAILS



ROOF BATTENS TYPICAL DETAILS



TRIMMER TYPICAL DETAILS




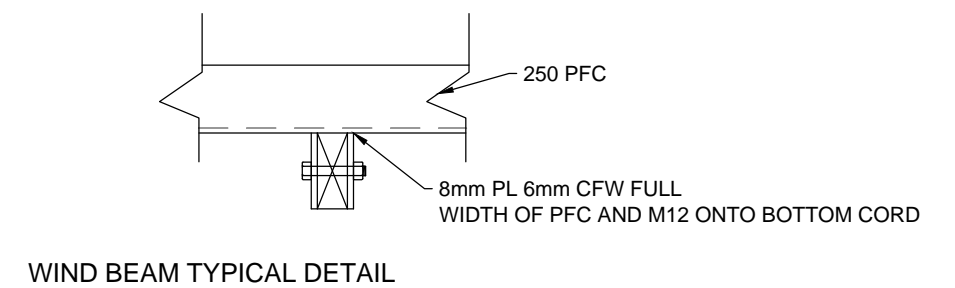
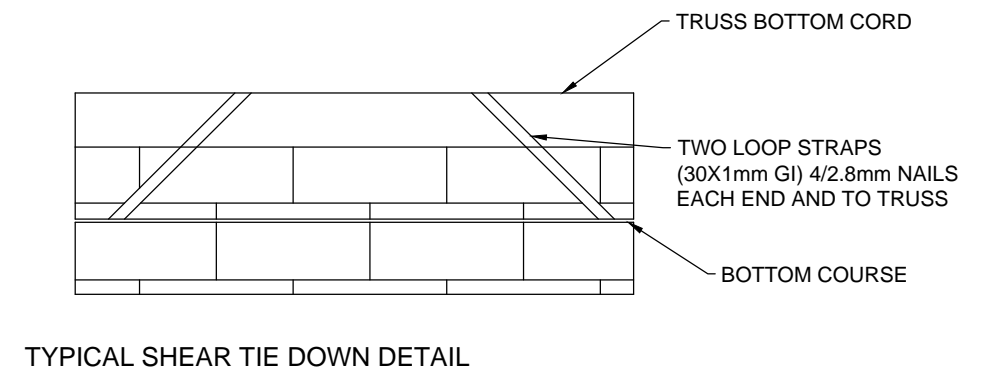
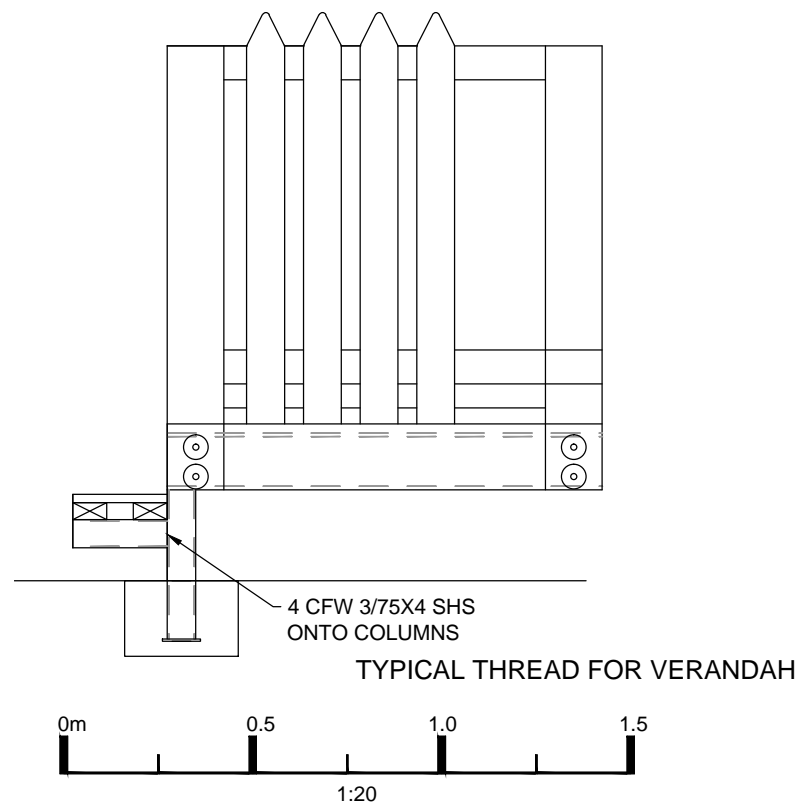
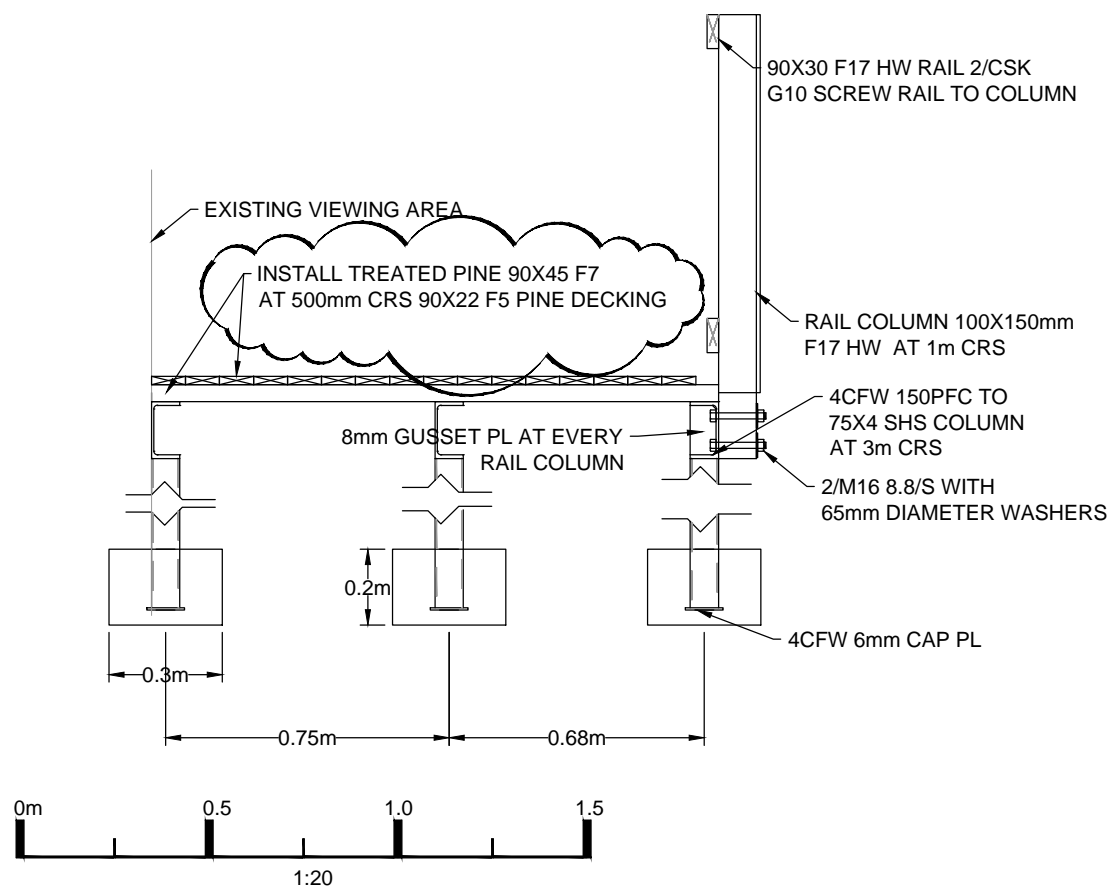
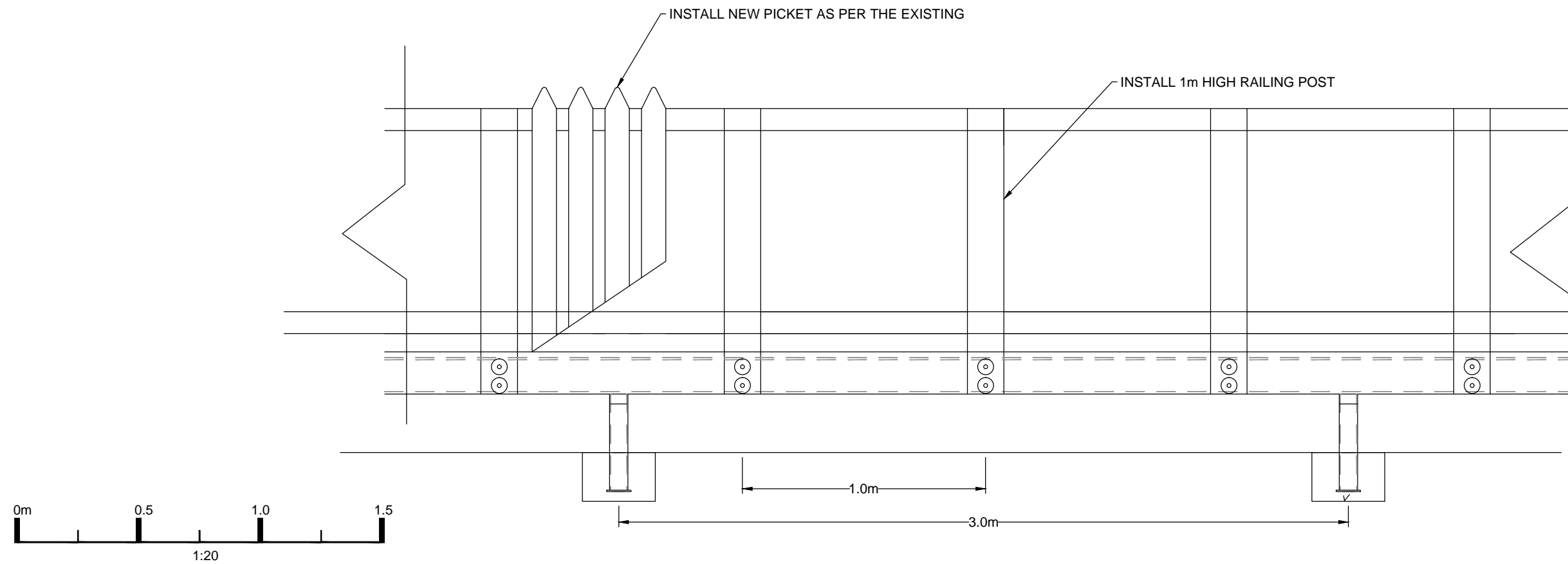
CEILING BATTENS TYPICAL DETAIL

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No	Revision	Drawn	Checked	Date
B	ADDITIONAL BEAM AND WIND BEAM	JL		
A	ISSUED FOR QUOTATION	JL		


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	Checked TH	Checked TH	
	Approved T. HEWITT CC309W		
	Date		
Scale			



WARNING: THE LOCATION OF EXISTING SERVICES ARE APPROXIMATE ONLY AND NOT ALL SERVICES MAY BE SHOWN. THE EXACT LOCATION SHOULD BE PROVED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

No	Revision	Drawn	Checked	Date
B	WIND BEAM DETAIL AND DECK	JL		
A	ISSUED FOR QUOTATION	JL		

**PRELIMINARY
NOT FOR CONSTRUCTION**

<p>DO NOT SCALE</p>  <p>GEORGE TOWN COUNCIL 16-20 Anne Street, George Town, Tasmania, 7253</p>	Drawn JL	Designed JL	<p>Project GEORGE TOWN COUNCIL CRICKET CLUB ROOF EXTENSION</p> <p>Title NEW VERANDAH FRAMING PLAN</p> <p>Original Size A3 Drawing No: W1078 SE05 Rev: B</p>
	Checked TH	Checked TH	
	Approved T. HEWITT CC309W		
	Date		
	Scale		