

6 October 2021

Enquiries: Jenny Elphinstone
Our Ref: SITEX 2021_4370/1 (Doc 1039426)
Your Ref: 20213564

Brendan Stone
C/ GMA Certification Group Pty Ltd
PO Box 831
PORT DOUGLAS QLD 4877

Email: adminpd@gmacer.com.au

Dear Sir

EXEMPTION CERTIFICATE

Council refers to your request for an exemption certificate for the following premises that was received with an application for a siting dispensation that was properly made on 28 September 2021.

Summary of Exempt Development

New domestic shed to the existing dwelling house.

Location details

Street Address: 33 Bayil Drive Bonnie Doon

Real Property Description: Lot 30 on SP270331

Local Government Area: Douglas Shire Council

Decision

Council advises that an exemption certificate has been granted on 6 October 2021 for development as detailed in Attachment 1.

Referral agencies

Not Applicable

Reasons for giving exemption certificate

The development is exempt under this certificate under s46(3)(b) of the *Planning Act 2016* for the following reason(s):

- The effects of the development would be minor or inconsequential, considering the circumstances under which the development was categorised as assessable development.

When exemption certificate ceases to have effect

This exemption certificate does not lapse.

Other

Please quote Council's application number: SITEX 2021_ 4370/1 in all subsequent correspondence relating to this request.

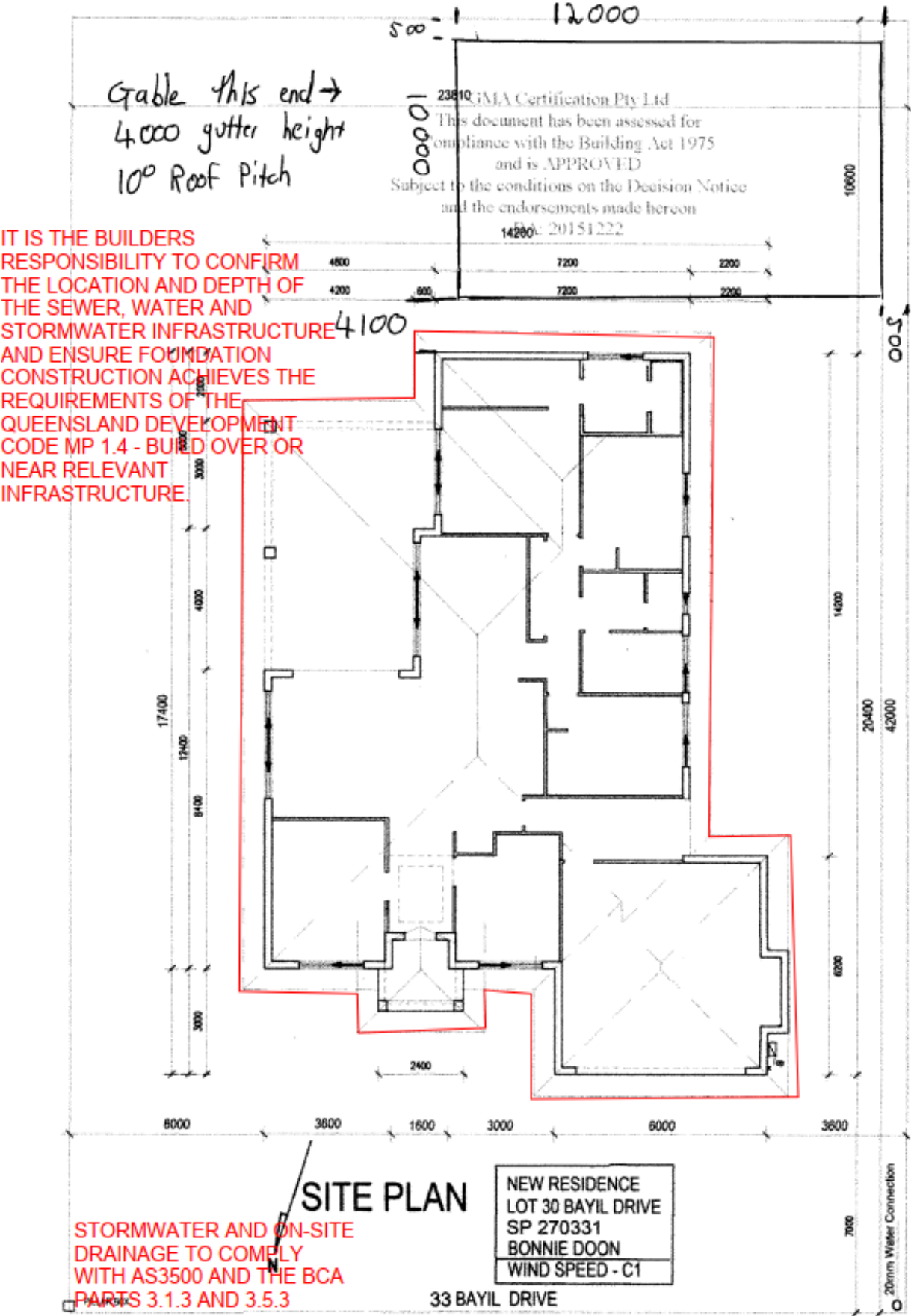
Should you require any clarification regarding this matter, please contact Jenny Elphinstone on telephone 07 4099 9444.

Yours faithfully




For
Paul Hoyer
Manager Environment & Planning

cc Shannen Davis – shannendavis58@gmail.com



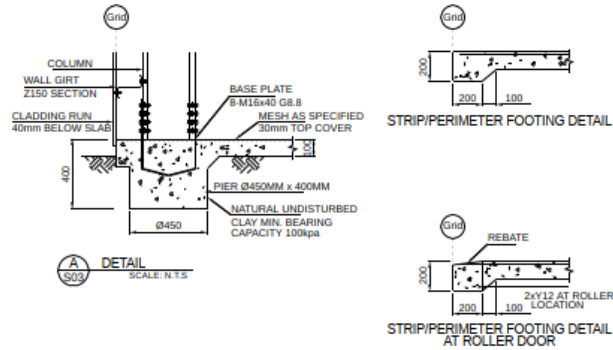
Prior to construction, a suitably qualified person is to assess site and soil conditions (i.e. reactive soils, landslide, flood). Refer Design Engineer

BUILDING DESIGNER'S RESPONSIBILITY STATEMENT WITH REGARD TO THE OCCUPATIONAL HEALTH & SAFETY ACT 2004			
RISK PREVENTION & MANAGEMENT - BUILDING CONSTRUCTION		RISK PREVENTION & MANAGEMENT - BUILDING USE	
<p>DESIGN INTENT:</p> <p>THE CONSTRUCTION OF THE BUILDING BECOMES A WORKPLACE FOR THOSE INVOLVED IN THE CONSTRUCTION INDUSTRY. AS DESIGNERS IT IS ASSUMED THAT THE BUILDER/CONSTRUCTION MANAGEMENT FOR THE PROJECT ARE AWARE OF AND IS FAMILIAR WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 INCLUSIVE WITH 2007 AND 2012 AMENDMENTS. AT THIS DESIGN STAGE IN RESPONSE TO THE OCCUPATIONAL HEALTH & SAFETY ACT 2004 SECTION 28 ALSO TO MAKE AWARE OF THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS 2007 INCLUDING 2012 AMENDMENTS BY LISTING SOME OF THE BASIC REQUIREMENTS.</p> <p>RISK & HAZARD IDENTIFICATION</p> <p>IN PARTICULAR PART 3 DIVISION 3.4 DUTIES OF EMPLOYERS: CLAUSE 3.3.3 HAZARD IDENTIFICATION - AN EMPLOYER MUST SO FAR AS IS REASONABLY PRACTICABLE, IDENTIFY ANY TASK THAT AN EMPLOYEE IS REQUIRED TO UNDERTAKE AT ANY WORKPLACE THAT INVOLVES A FALL INCLUDING:</p> <ul style="list-style-type: none"> - ANY PLANT OR STRUCTURE BEING CONSTRUCTED, DEMOLISHED, INSPECTED, TESTED, MAINTAINED, REPAIRED OR CLEANED; - ON A FRAGILE, SLIPPERY OR POTENTIALLY UNSTABLE SURFACE; - USING EQUIPMENT TO GAIN ACCESS TO AN ELEVATED LEVEL; ON A SLOPING SURFACE ON WHICH IT IS DIFFICULT TO MAINTAIN BALANCE; - IN PROXIMITY TO AN UNPROTECTED EDGE; - IN CLOSE PROXIMITY TO A HOLE, SHAFT OR PIT THAT IS OF SUFFICIENT DIMENSIONS TO ALLOW A PERSON TO FALL INTO THE HOLE SHAFT OR PIT <p>SAFETY MANAGEMENT SYSTEM (SMS):</p> <p>DUTIES OF EMPLOYERS: CLAUSE 3.3.4 CONTROL OF RISK:</p> <ul style="list-style-type: none"> - AN EMPLOYER MUST INSURE THAT IF AN EMPLOYEE IS REQUIRED TO UNDERTAKE A TASK THAT INVOLVES A RISK OF A FALL, THE RISK IS CONTROLLED, SO FAR AS IS REASONABLY PRACTICABLE, BY ARRANGING FOR THE TASK TO BE UNDERTAKEN - (a) ON THE GROUND; OR (b) ON A SOLID CONSTRUCTION. - IF IT IS NOT REASONABLY PRACTICABLE TO COMPLY WITH THE PREVIOUS STATEMENT OR ONLY PART OF THE TASK MAY BE UNDERTAKEN & A RISK OF A FALL STILL REMAINS, THE EMPLOYER MUST REDUCE THE RISK, SO FAR AS REASONABLY PRACTICABLE, BY ENSURING THAT A PASSIVE FALL PREVENTION DEVICE IS USED. - IF IT IS NOT REASONABLY PRACTICABLE TO COMPLY WITH THE PREVIOUS TWO STATEMENTS OR ONLY PART OF THE TASK MAY BE UNDERTAKEN & A RISK OF A FALL STILL REMAINS, THE EMPLOYER MUST REDUCE THE RISK, SO FAR AS REASONABLY PRACTICABLE, BY PUTTING IN PLACE A FALL ARREST SYSTEM. - IF IT IS NOT REASONABLY PRACTICABLE TO COMPLY WITH THE PREVIOUS TWO STATEMENTS OR ONLY PART OF THE TASK MAY BE UNDERTAKEN & A RISK OF A FALL STILL REMAINS, THE EMPLOYER MUST REDUCE THE RISK, SO FAR AS REASONABLY PRACTICABLE, BY PUTTING IN PLACE A FALL ARREST SYSTEM. <p>HIGH RISK WORK</p> <p>PART 3.6</p> <p>DIVISION 1 REGULATION 3.6.1 LISTS THE REQUIREMENTS REGARDING LICENSED WORKERS. REGULATION 3.6.2 STATES THAT AN EMPLOYER MUST NOT USE UNLICENSED EMPLOYEES TO DO HIGH RISK WORK</p> <ul style="list-style-type: none"> - AN EMPLOYER MUST NOT ALLOW AN EMPLOYEE TO DO HIGH RISK WORK UNLESS - (a) THE EMPLOYEE HOLDS AN APPROPRIATE HIGH RISK WORK LICENCE IN RELATION TO THAT WORK; OR (b) REGULATION 3.6.3 (1)(a) OR 3.6.3 (1)(b) APPLIES TO THE EMPLOYEE 	<p>HIGH RISK WORK (CONTINUED)</p> <p>3.6.3 EXCEPTIONS</p> <ul style="list-style-type: none"> - REGULATION 3.6.2 DOES NOT APPLY TO A PERSON - (a) WHO IS UNDERTAKING TRAINING FOR THE PURPOSE OF OBTAINING A HIGH RISK LICENCE; OR (b) WHO IS A PERSON WHO IS AUTHORISED TO WORK UNDER REGULATION 3.6.10; OR (c) WHO IS WORKING UNDER THE TERMS OF THE EXEMPTION GRANTED TO THE PERSON'S EMPLOYER UNDER REGULATION 7.2.2 <p>7.2.2 THE AUTHORITY MAY EXEMPT AN EMPLOYER, OR CLASS OF EMPLOYER, FROM COMPLYING WITH REGULATION 3.6.2 IN RELATION TO SPECIFIED HIGH RISK WORK THAT THE EMPLOYER SEEKS TO HAVE PERFORMED BY A PERSON, WHO DOES NOT HOLD A HIGH RISK WORK LICENCE (INCLUDING PERSONS WHO ARE UNDER 18 YEARS OF AGE).</p> <p>HAZARDOUS INDUSTRIES</p> <p>PART 5.1 CONSTRUCTION</p> <p>PART 5.1.2 WHAT IS CONSTRUCTION WORK?</p> <p>(1) IN THESE REGULATIONS CONSTRUCTION WORK MEANS ANY WORK PERFORMED IN CONNECTION WITH THE CONSTRUCTION, ALTERATION, CONVERSION, FITTING OUT, COMMISSIONING, RENOVATION, REPAIR/REBUILT, DECOMMISSIONING, OR DEMOLITION OF ANY BUILDING STRUCTURE, OR ANY SIMILAR ACTIVITY</p> <p>PART 5.1.3 WHAT IS HIGH RISK CONSTRUCTION?</p> <p>(a) WHERE THERE IS A RISK OF A PERSON FALLING MORE THAN 2 METERS;</p> <p>-----</p> <p>(c) INVOLVING DEMOLITION;</p> <p>-----</p> <p>(e) INVOLVING STRUCTURAL ALTERATIONS THAT REQUIRE TEMPORARY SUPPORT TO PREVENT COLLAPSE;</p> <p>(f) INVOLVING A CONFINED SPACE;</p> <p>(g) INVOLVING A TRENCH OR SHAFT IF THE EXCAVATED DEPTH IS MORE THAN 1.5 METRES;</p> <p>-----</p> <p>(h) INVOLVING TILT-UP OR PRECAST CONCRETE;</p> <p>-----</p> <p>(p) AT WORKPLACES WHERE THERE IS ANY MOVEMENT OF MOBILE PLANT;</p> <p>-----</p> <p>CONSTRUCTION INDUSTRY STATISTICS:</p> <p>UNLIKE OTHER INDUSTRIES OUTLINED IN WORKSAFE, THE CONSTRUCTION INDUSTRY IS SEPARATED INTO FIVE DISCIPLINES - CARPENTERS, CONCRETERS, PLUMBERS, ROOF WORKERS AND YOUNG WORKERS:</p> <ol style="list-style-type: none"> THE NUMBER ONE COMMON INJURY FOR CONCRETERS, PLUMBERS AND ROOF WORKERS IS BACK MUSCLE STRAIN AND PAIN FROM MANUAL HANDLING - LIFTING, PUSHING, PULLING, HOLDING, LOWERING THROWING, CARRYING, PACKING, TYPING, ASSEMBLING, CLEANING, SORTING AND USING OBJECTS, TOOLS AND EQUIPMENT FOR LOADING & UNLOADING. HOWEVER THIS IS ONLY THE SECOND HIGHEST INJURY FOR CARPENTERS AND YOUNG WORKERS. THE SECOND HIGHEST INJURY FOR CONCRETERS, PLUMBERS AND ROOF WORKERS IS KNEE STRAIN FROM SLIPS OR TRIPS DUE TO POOR HOUSE KEEPING AND TRAUMATIC INJURIES FROM TOOLS SUCH AS SCREDS AND HAMMERS. HOWEVER THIS IS ONLY THE THIRD HIGHEST INJURY FOR CARPENTERS AND YOUNG WORKERS. THE THIRD HIGHEST INJURY FOR CONCRETERS, PLUMBERS AND ROOF WORKERS IS HAND AND FINGER CUTS AND BRUISES ALONG WITH SHOULDER STRAINS. HOWEVER THIS IS THE NUMBER ONE INJURY FOR CARPENTERS AND YOUNG WORKERS, INCLUDING AMPUTATION OF HANDS AND FINGERS. <p>REFER TO JOB SAFETY ANALYSIS AND WORKSAFE COMPLIANCE REQUIREMENTS UNDER RISK PREVENTION & MANAGEMENT - BUILDING USE</p>	<p>DESIGN INTENT:</p> <p>THE BUILDING OR PARTS OF THE BUILDING FOR WHICH THE STRUCTURE IS USED AS A WORKPLACE HAS BEEN DESIGNED AS FAR AS REASONABLY PRACTICABLE TO BE SAFE AND WITHOUT RISKS TO THE HEALTH OF THE PERSONS USING IT AS A WORKPLACE FOR THE PURPOSE FOR WHICH IT HAS BEEN DESIGNED.</p> <p>AT THIS DESIGN STAGE IN RESPONSE TO THE OCCUPATIONAL HEALTH & SAFETY ACT 2004 (2012 AMENDMENTS) PART 3 DIVISION 5 SECTION 28 WITH REGARD TO RISKS & HAZARDS THAT EXIST AND CANNOT BE ELIMINATED HAVE CONTROL MEASURES THAT HAVE BEEN SET OUT UNDER THE TERMS OF THE NATIONAL CONSTRUCTION CODE (NCC) AND THE AUSTRALIAN STANDARDS</p> <p>RISK & HAZARD IDENTIFICATION:</p> <p>IN PRINCIPLE THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 SECTION 28 AIMS TO SECURE THE HEALTH, SAFETY AND WELFARE OF EMPLOYEES & OTHER PEOPLE AT WORK GIVING THE HIGHEST LEVEL OF PROTECTION POSSIBLE. TO PROTECT THE PUBLIC FROM THE HEALTH AND SAFETY RISKS OF BUSINESS ACTIVITIES, SAFER DESIGNED BUILDINGS & STRUCTURES SUPPORTS SAFE & HEALTHY WORKPLACES LEADING TO THE REDUCTION IN WORKPLACE INJURIES, DISEASE & DEATH</p> <p>SAFETY MANAGEMENT SYSTEM (SMS):</p> <p>RISK SHOULD BE ELIMINATED, IF NOT, RISK SHOULD BE CONTROLLED BY APPLYING RECOGNISED STANDARDS SOLUTIONS AS STATED PREVIOUSLY - THE NATIONAL CONSTRUCTION CODE (NCC), AUSTRALIAN STANDARDS AND WORKSAFE GUIDE LINES</p> <p>BUILDING SAFETY ANALYSIS:</p> <p>THE ELIMINATION OR CONTROL REQUIRES APPLICATION OF RECOGNISED STANDARD SOLUTIONS. TECHNICAL PROVISIONS HAVE BEEN STATED ON THESE DRAWINGS IN A VARIETY OF MATTERS WITH REGARD TO BUILDING CONSTRUCTION - THE NATIONAL CONSTRUCTION CODE (NCC) AND THE AUSTRALIAN STANDARDS</p> <p>JOB SAFETY ANALYSIS:</p> <p>THE OCCUPATIONAL HEALTH & SAFETY ACT 2004 REQUIRES THAT BUILDING DESIGNERS MAKE OWNERS & MANAGERS AWARE OF DIVISION 5 SECTION 28 - DUTIES OF PERSONS WHO MANAGE OR CONTROL WORKPLACES</p> <p>WORKSAFE COMPLIANCE REQUIRES:</p> <p>CONSTRUCTIVE STRATEGIES TO IDENTIFY WORK SAFETY RISKS AND JOB SAFETY ANALYSIS USING THE STANDARD JOB SAFETY ANALYSIS WORK SHEETS (JSAs) OR SAFE WORK METHOD STATEMENT FORMS (SWMS)</p> <ol style="list-style-type: none"> CONSULTATION REQUIREMENTS <ul style="list-style-type: none"> WITH EMPLOYEES AND ANY INDEPENDENT CONTRACTORS IDENTIFICATION OF UNSAFE AND HAZARDOUS TASKS ELIMINATION OF HIGH RISK HAZARDOUS TASKS WHERE POSSIBLE CHANGE WORKPLACE AND OBJECTS TO PREVENT/REDUCE/CONTROL RISK PROVIDE TRAINING FOR KNOWLEDGE OF CONDUCT AND PRACTICE SAFE WORKING METHOD STATEMENT <ul style="list-style-type: none"> FOR EMPLOYEES AND ANY INDEPENDENT CONTRACTORS FOR INSTRUCTION INFORMATION AND CONSULTATION FOR PERFORMANCE OUTCOMES NEGATIVE AND POSITIVE 	<p>THE AGRICULTURAL SECTOR STATISTICS:</p> <ol style="list-style-type: none"> THE NUMBER ONE COMMON INJURY IS BACK MUSCLE STRAIN AND PAIN FROM MANUAL HANDLING - LIFTING, PUSHING, PULLING, HOLDING, LOWERING THROWING, CARRYING, PACKING, TYPING, ASSEMBLING, CLEANING, SORTING AND USING OBJECTS, TOOLS AND EQUIPMENT FOR LOADING & UNLOADING, PARTICULARLY WITH REGARD TO FEED PRODUCE AND ANIMALS. THE SECOND HIGHEST INJURY IS SHOULDER MUSCLE STRESS/ STRAIN FROM HEAVY LIFTING OF BOXES, FREIGHT OR PALLETS. TRAUMATIC JOINT/MUSCLE INJURY OR STRAIN FROM HEAVY LIFTING. THE THIRD MOST COMMON TYPE OF INJURY IS WOUNDS/ LACERATIONS OR FRACTURES DUE TO FALLING LOADS OR FROM BEING CRUSHED BETWEEN MATERIALS AND/OR EQUIPMENT. <p>COLLECTIVELY THESE THE BULK OF THESE CONDITIONS ARE KNOWN AS MUSCULOSKELETAL DISORDERS (MSDs)</p> <p>HAZARDOUS MANUAL HANDLING INVOLVES:</p> <ol style="list-style-type: none"> REPETITIVE OR SUSTAINED APPLICATION OF FORCE, AWKWARD POSTURES OR MOVEMENTS TASKS THAT PEOPLE FIND DIFFICULT DUE TO THE HIGH DEGREE OF FORCE REQUIRED. EXPOSURE TO SUSTAINED VIBRATION MANUAL HANDLING OF UNSAFE LOADS THAT ARE DIFFICULT TO GRASP OR HOLD <p>MECHANICAL HANDLING:</p> <ol style="list-style-type: none"> FORKLIFTS CAUSE MORE WORKPLACE DEATHS AND INJURIES THAN ANY OTHER PIECE OF EQUIPMENT. ONE IN THREE FORKLIFT-RELATED INJURIES OCCURS WHEN AN OPERATOR GETS ON OR OFF A FORKLIFT, OFTEN RESULTING IN MUSCO-SKELETAL BACK INJURIES. <p>MAJOR HAZARD FACILITY (MHF):</p> <ol style="list-style-type: none"> MAJOR HAZARD FACILITIES REQUIRE WORKSAFE LICENSES FOR COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 AND THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS 2007 INCLUDING 2012 AMENDMENTS. IDENTIFICATION, ASSESSMENTS AND CONTROLS SUPPORTED WITH A COMPLIANCE CHECK LIST WITH THE PROVISION FOR FUTURE MODIFICATIONS AND REVIEW PROCESSES MUST BE IN PLACE AT THE COMPLETION OF THE CONSTRUCTED BUILDING BEFORE SALE OR LEASE <p>IDENTIFIABLE RISKS:</p> <ol style="list-style-type: none"> THE COMPLIANT LOADING ZONE AS SHOWN ON THE SITE PLAN REQUIRES CLEAR DEMARCATION FROM THE REST OF THE FLOOR. THE PATHWAY FROM THE OFFICE DOOR TO THE PA DOOR SHOULD BE CLEARLY DEFINED SAFETY PROCEDURES SHOULD BE OUTLINED FOR THE LOADING AND UNLOADING OF GOODS TO A SERVICE VEHICLE WITHIN THE LOADING ZONE.

Rev	Date	Description	GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD FIE Aust CPEng NER APEC Engineer IntPE(Aus) IPENZ FIE AUST CPEng 5590 + RPEQ 4431 CPENG/2115858, Vic EC30894, NT 24748ES, TAS CC814L PO. BOX 213 MUDGEERABA QLD 4213 Ph: (07) 55 306 214 Email: info@gcma.com.au		Title Name: SPECIFICATION CLASS 10A DOMESTIC FOR A SHED 10M x 12M x 4M Client: Brendan Stone Site address: 33 Bayil Drive, Bonnie Doon - Mossman, Queensland, 4873	Job No. RSCL-281911-1 Dwg No. S02 Date 02-Aug-2021 Rev A3
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NOTE

- SLAB & FOOTING TO CAST INTEGRALLY
- THE CAST IN BRACKETS ARE ONLY TO BE USED FOR THE COLUMNS
- THE TOP OF THE FOOTING CAST IN BRACKET NEEDS TO BE 235 mm ON SLAB
- PERIMETER FOOTING ARE 200 x 200 DEEP FOR A, S & M SOIL CLASSIFICATIONS ONLY
- CONCRETE STRENGTH TO BE 20MPa AT 28 DAYS
- FOOTING SHOWN FOR SAND AND CLAY - (CLASSES A, S & M AS PER AS2870)
- SUB-STRUCTURE REQUIRES SAFE BEARING PRESSURE AT FOUNDATION LEVEL OF 100kPa
- ANY OTHER SOIL CLASS VOIDS DESIGN - REFER BACK TO ENGINEER
- SHOULD ROCK BE ENCOUNTERED DURING FOOTING EXCAVATION YOU SHALL CONTACT THE DESIGN ENGINEER FOR CLARIFICATION THAT THE DESIGN IS SUITABLE FOR THE SITE CONDITIONS



FOOTING SCHEDULE		
QTY	MARK	DIMENSIONS
8	F1	Ø400 x 400 DEEP
4	F2	Ø450 x 400 DEEP
SLAB DETAIL		
REINFORCEMENT		F72
SLAB THICKNESS		MIN 100mm, 25MPa
BRACKET SET OUT		
QTY	MARK	SECTION
02	C3	C30030
01	C4	C30030
01	C5	C30030
02	C1	C20024
01	C2	C20024
01	C6	C20024

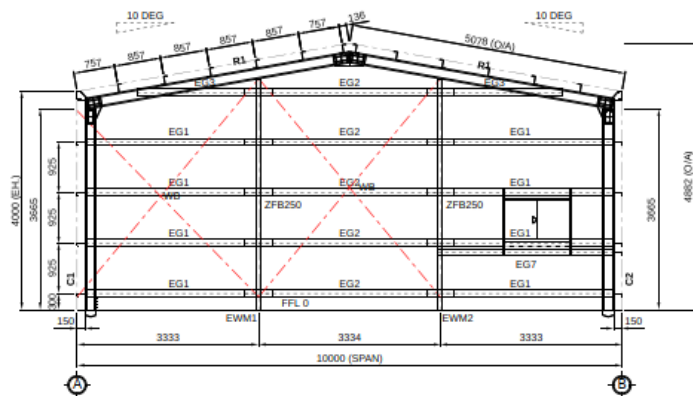
Rev	Date	Description

GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD
 FIE Aust CPEng NER APEC Engineer IntPE(Aus) IPENZ
 FIE AUST CPEng 5500 + RPEQ 4431
 CPEngNZ 115638, Vic EC30864,
 NT 247485, TAS CC814L
 PO. BOX 213 MUDGEERABA QLD 4213
 Ph: (07) 55 306 214 Email: info@gcma.com.au

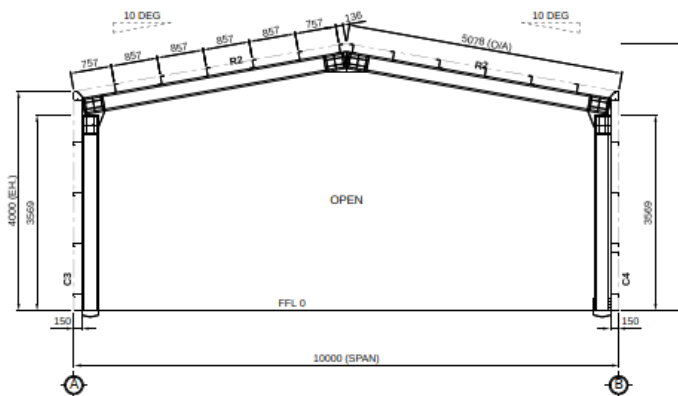


Title Name: FOOTING & SLAB PLAN
 FOR A SHED 10M x 12M x 4M
 Client: Brendan Stone
 Site address: 33 Bayil Drive
 Bonnie Doon - Mossman, Queensland, 4873

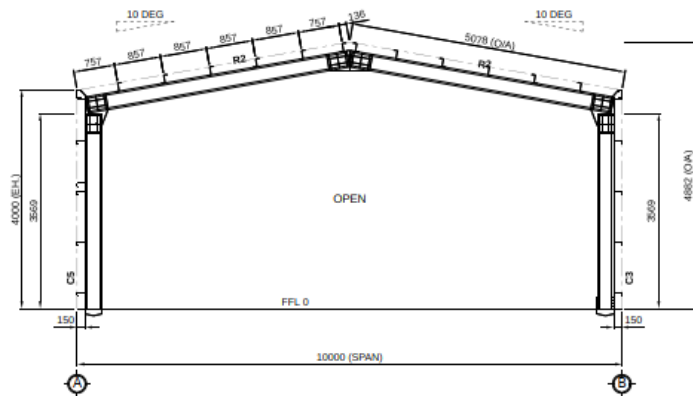
Job No.	RSCL-281911-1
Dwg No.	S04
Date	02-Aug-2021
Rev	A3



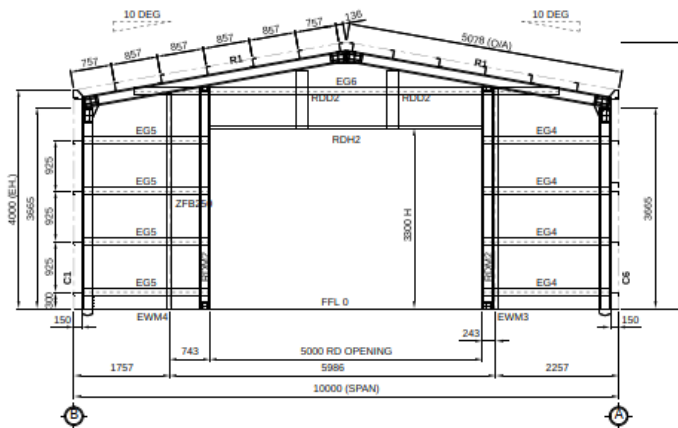
ELEVATION FRAMING GL.1
SCALE 1: 80



ELEVATION FRAMING GL.2
SCALE 1: 80



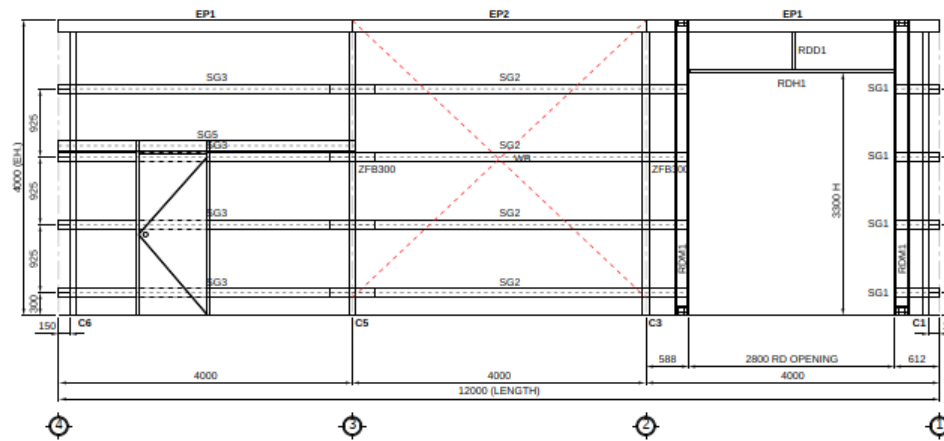
ELEVATION FRAMING GL.3
SCALE 1: 80



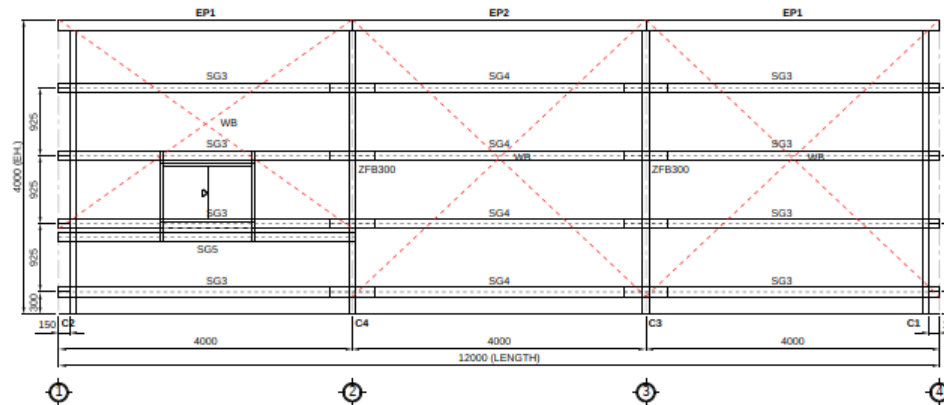
ELEVATION FRAMING GL.4
SCALE 1: 80

NOTE
- WALL SHEETING USING 0.42 BMT MONOCLAD
- END GIRTS SPACING 1015 CTS MAX 15% LAPPED AS SUPPORT

Rev	Date	Description	GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD FIE Aust CPEng NER APEC Engineer IntPE(Aus) IPENZ FIE AUST CPEng 5590 + RPEQ 4431 CPENG NZ 115838, Vic EC30894, NT 247485, TAS CC814L PO. BOX 213 MUJOGERRABA QLD 4213 Ph: (07) 55 306 214 Email: info@gcma.com.au		Title Name:	Job No.	Rev
					ELEVATION FRAMING FOR A SHED 10M x 12M x 4M	RSL-281911-1	
					Client: Brendan Stone	Dwg No.	S05
					Site address: 33 Bayil Drive Bonnie Doon - Mossman, Queensland, 4873	Date	02-Aug-2021
							A3



ELEVATION FRAMING GL.A
SCALE 1: 60



ELEVATION FRAMING GL.B
SCALE 1: 60

NOTE
- WALL SHEETING USING 0.42 BMT MONOCLAD
- SIDE GIRTS SPACING 1015 CTS MAX 15% LAPPED AS SUPORT

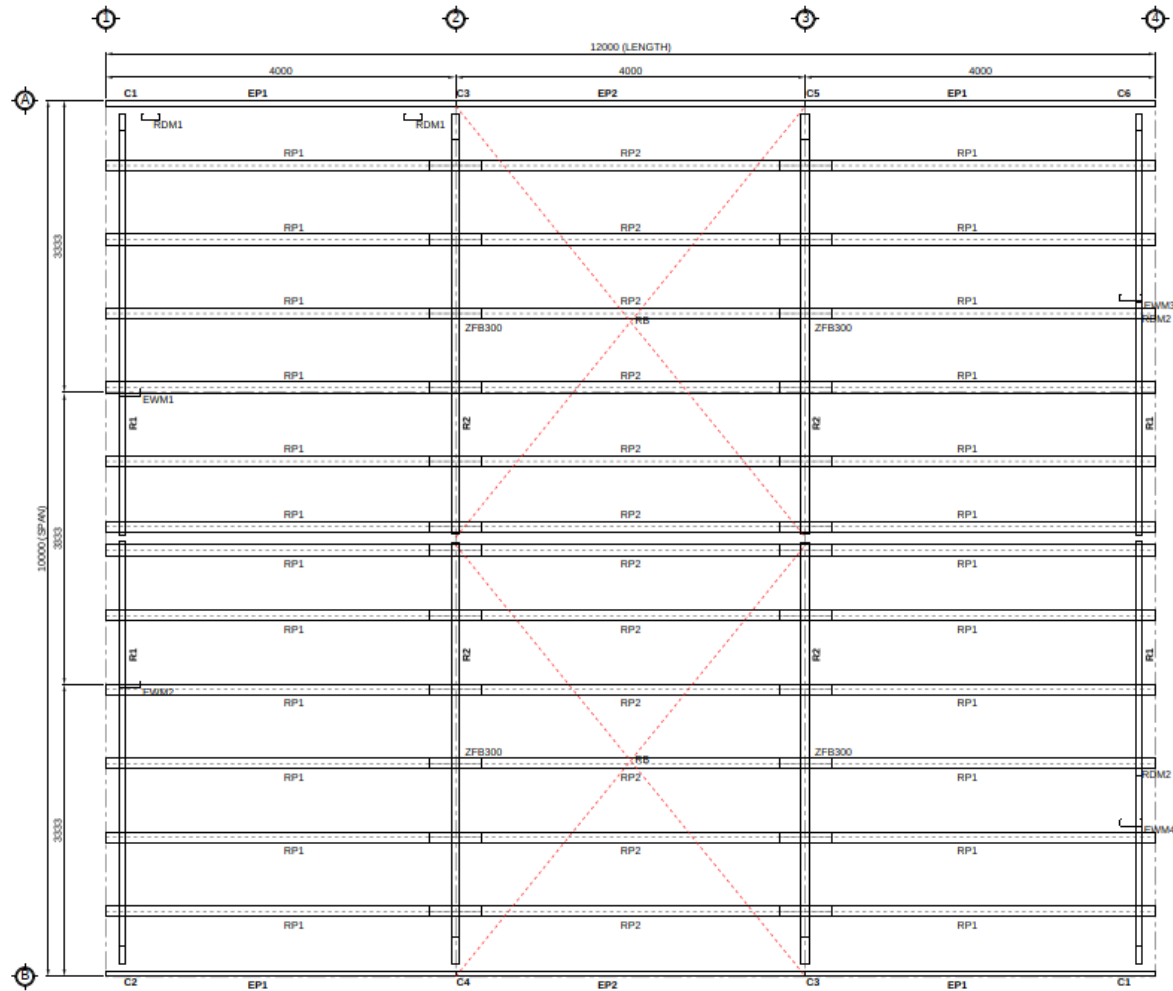
Rev	Date	Description

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ASSOCIATES ENGINEERING PTY LTD**
FIE Aust CPEng NER APEC Engineer (IntPE(Aus)) IPENZ
FIE AUST CPEng 5590 + RPEQ 4431
CPEngNZ 115838, Vic EC30894,
NT 2474865, TAS CC814L,
PO. BOX 213 MUDGEEERABA QLD 4213
Ph: (07) 55 306 214 Email: info@gcma.com.au



Title Name:	SIDE ELEVATION FRAMING FOR A SHED 10M x 12M x 4M
Client:	Brendan Stone
Site address:	33 Bayli Drive Bonnie Doon - Mossman, Queensland, 4873

Job No.	RSCL-281911-1
Dwg No.	S06
Date	02-Aug-2021
Rev	A3



ROOF FRAMING PLAN

SCALE 1: 50

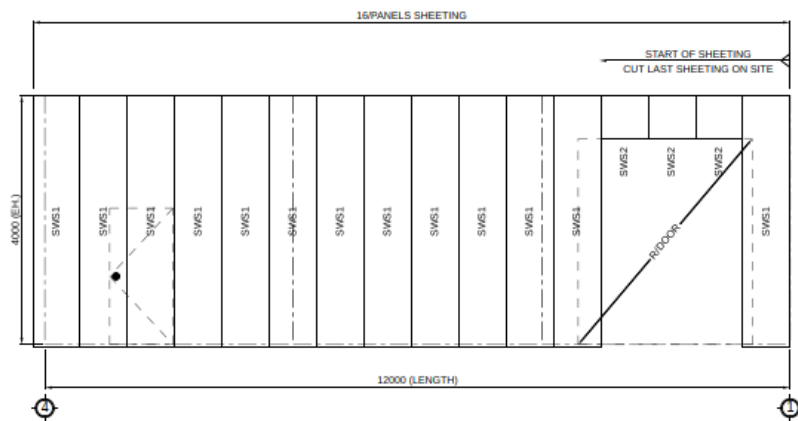
Rev	Date	Description

GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD
 FIE Aust CPEng NER APEC Engineer (inPE(Aus)) IPENZ
 CPEngNZ 115838, Vic EC30894,
 NT 24748ES, TAS CC814L
 PO. BOX 213 MUDGEERABA QLD 4213
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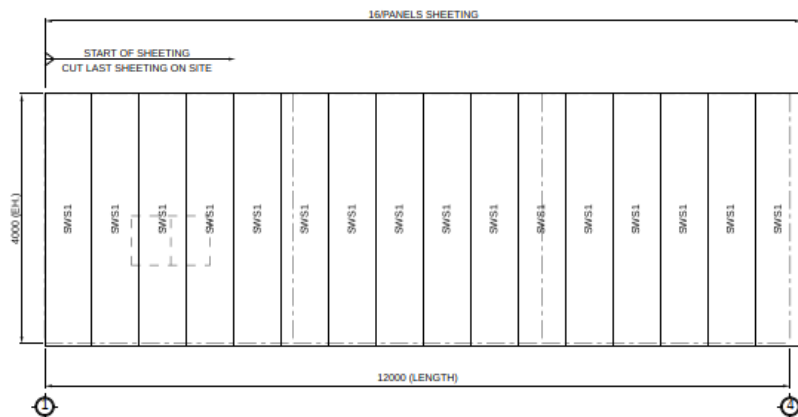


Title Name: **ROOF FRAMING PLAN
FOR A SHED 10M x 12M x 4M**
 Client: Brendan Stone
 Site address: 33 Bayil Drive
 Bonnie Doon - Mossman, Queensland, 4873

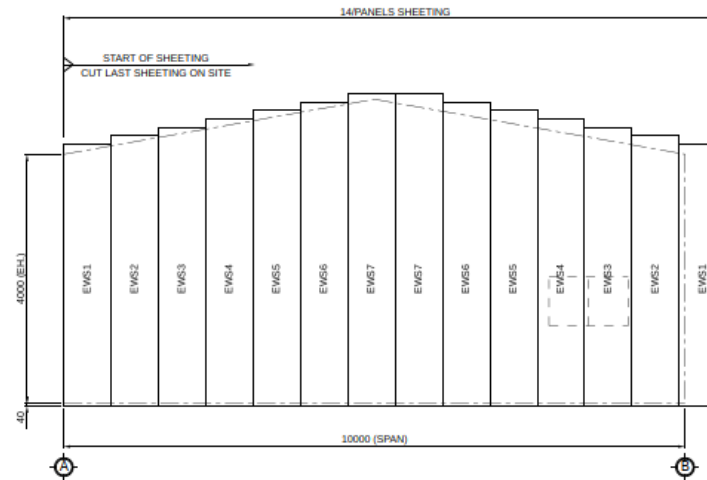
Job No.	RSCL-281911-1
Dwg No.	S07
Date	02-Aug-2021
Rev	A3



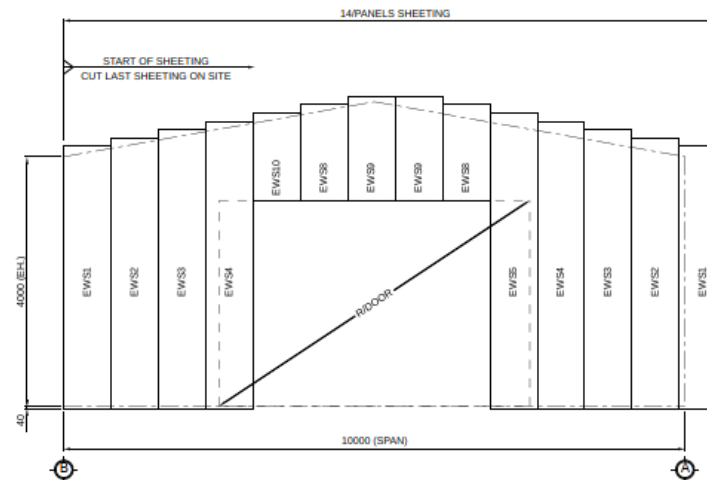
ELEVATION FRAMING GL.A
SCALE 1: 70



ELEVATION FRAMING GL.B
SCALE 1: 70



ELEVATION FRAMING GL.1
SCALE 1: 70



ELEVATION FRAMING GL.4
SCALE 1: 70

Rev	Date	Description

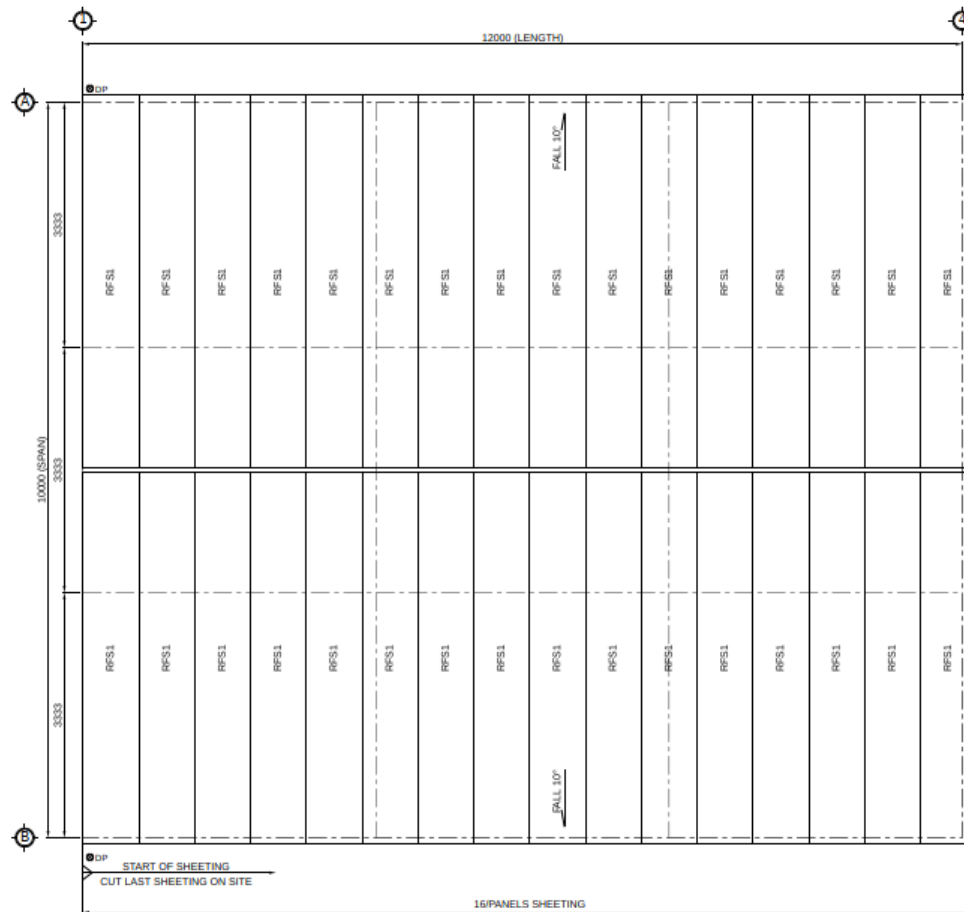
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ASSOCIATES ENGINEERING PTY LTD
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FIE AUST CPEng 5590 + RPEQ 4431
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NT 247485, TAS CC814,
PO. BOX 213 MUDGEERABA QLD 4213
Ph: (07) 55 306 214 Email: info@gcma.com.au



Title Name: ELEVATION SHEETING LAYOUT
FOR A SHED 10M x 12M x 4M
Client: Brendan Stone
Site address: 33 Bayll Drive
Bonnie Doon - Mossman, Queensland, 4873

Job No.	RSCL-281911-1
Dwg No.	S08
Date	02-Aug-2021
Rev	A3

ROOF SHEETING PLAN SCALE 1:60



MEMBER SIZE SCHEDULE		
DESCRIPTION	MARK	SECTION
ROOF PURLIN	RP	Z15015
SIDE WALL GIRT	SG	Z15015
END WALL GIRT	EG	Z15015
EAVE PURLIN	EP	C15015
MAIN COLUMN	C3	C30030
MAIN COLUMN	C4	C30030
MAIN COLUMN	C5	C30030
END COLUMN	C1	C20024
END COLUMN	C2	C20024
END COLUMN	C6	C20024
MAIN RAFTER	R2	C30030
END RAFTER	R1	C20024
MULLION COLUMN	EWM1	C25024
MULLION COLUMN	EWM2	C25024
MULLION COLUMN	EWM3	C25024
MULLION COLUMN	EWM4	C25019
R/DOOR MULLION	RDM	C20024
R/DOOR HEADER	RDH1	NS-RDH-Z150-C200
R/DOOR HEADER	RDH2	NS-RDH-Z150-C200
WIND BRACING	WB, RB	51 x 1.6 Strap

NOTE
 - ROOF SHEETING USING 0.42 BMT CORRUGATED
 - PURLINS SPACING 757 CTS MAX 15% LAPPED AS SUPORRT

Rev	Date	Description

GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD
 FIE Aust CPEng NER APEC Engineer IntPPE(Aus) IPENZ
 FIE Aust CPEng 5590 + RPEQ 4431
 CPEngNZ 115838, Vic EC30894,
 NT 2474865, TAS CC014L
 PO. BOX 213 MUDGEEERABA QLD 4213
 Ph: (07) 55 306 214 Email: info@gcma.com.au



Title Name: **ROOF SHEETING PLAN
FOR A SHED 10M x 12M x 4M**

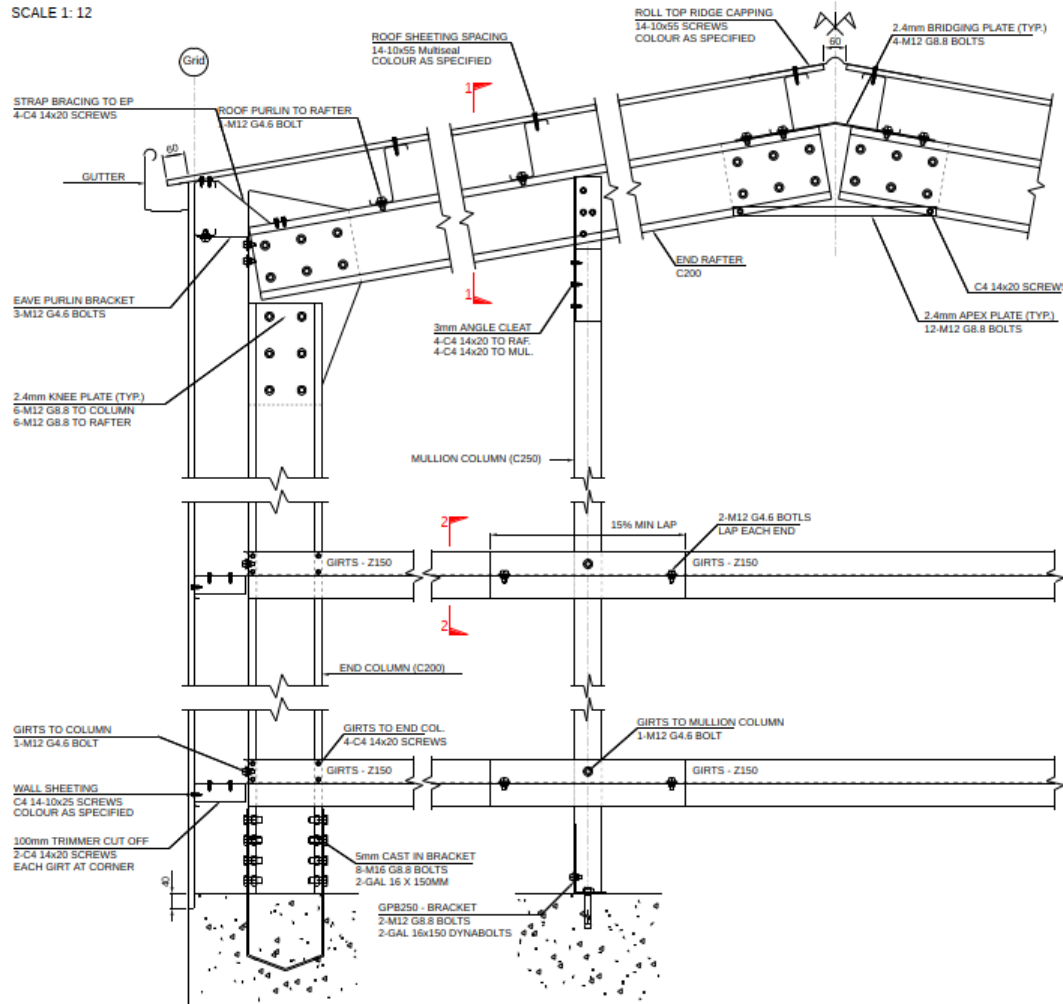
Client: Brendan Stone

Site address: 33 Bayll Drive
Bonne Doon - Mossman, Queensland, 4873

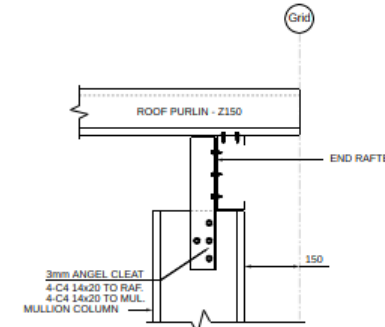
Job No.	RSCL-281911-1
Dwg No.	S09
Date	02-Aug-2021
Rev	A3

TYPICAL END FRAME DETAILS

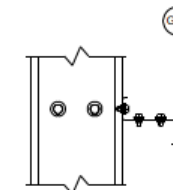
SCALE 1: 12



2.4mm BRIDGING PLATE
(3D VIEW)



VIEW 1-1
SCALE: 1:12



VIEW 2-2
SCALE: 1:12

Rev	Date	Description

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NT 2474865, TAS CC814L,
PO. BOX 213 MUDJIGERRABA QLD 4213
Ph: (07) 55 306 214 Email: info@gcma.com.au

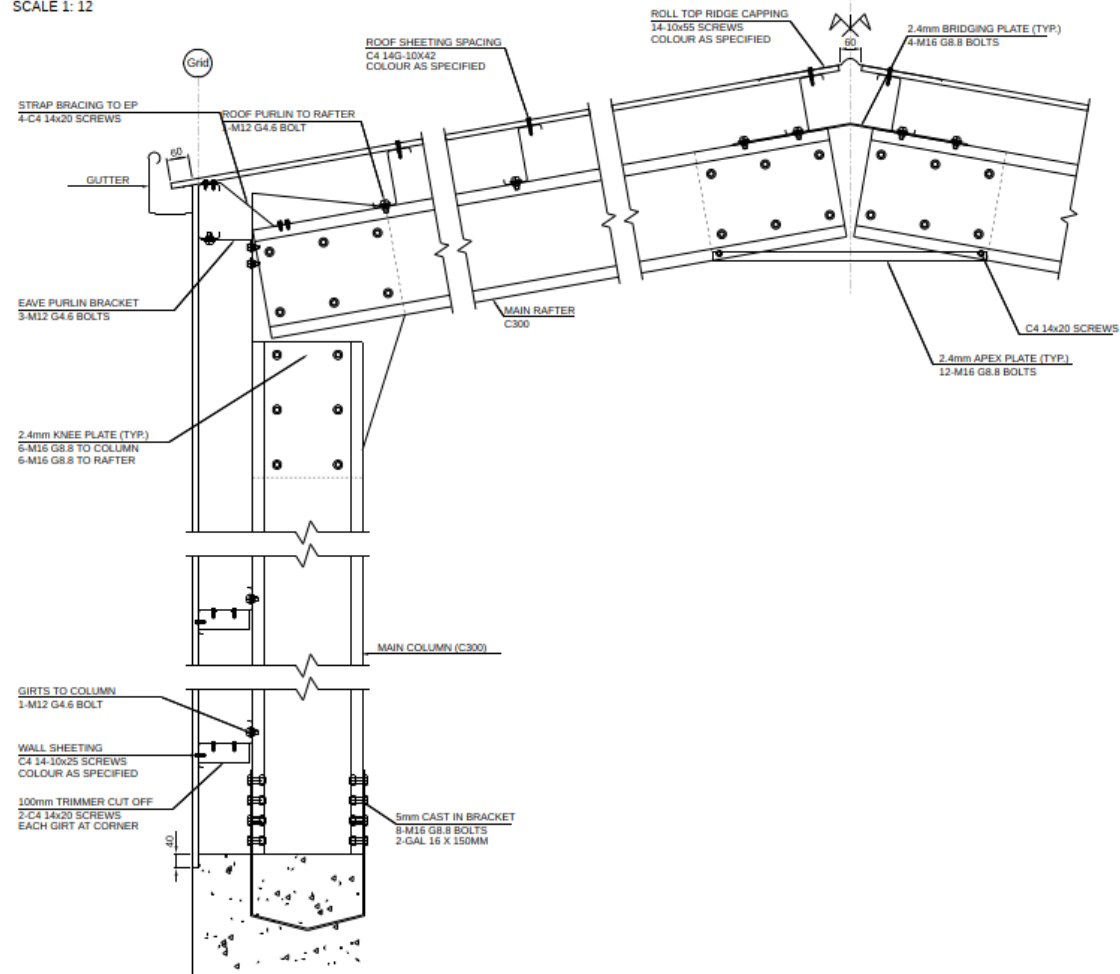


Title Name:	TYPICAL END FRAME DETAIL FOR A SHED 10M x 12M x 4M
Client:	Brendan Stone
Site address:	33 Bayll Drive Bonnie Doon - Mossman, Queensland, 4873

Job No.	RSCL-281911-1
Dwg No.	S10
Date	02-Aug-2021
Rev	A3

TYPICAL MAIN FRAME DETAILS

SCALE 1: 12



2.4mm BRIDGING PLATE
(3D VIEW)

Rev	Date	Description

**GRAEME MOULSTON &
ASSOCIATES ENGINEERING PTY LTD**
FIE Aust CPEng NER APEC Engineer IntPE(Aus) IPENZ
FIE AUST CPEng 5500 + RPEQ 4431
CPEngNZ 115638, Vic EC30694,
NT 247485, TAS CC814L
PO. BOX 213 MUDGEERABA QLD 4213
Ph: (07) 55 306 214 Email: info@gcma.com.au



Title Name: **TYPICAL MAIN FRAME DETAILS
FOR A SHED 10M x 12M x 4M**

Client: **Brendan Stone**

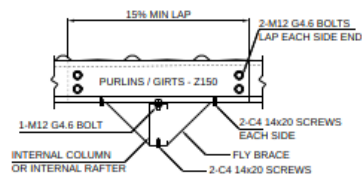
Site address: **33 Bayil Drive
Bonnie Doon - Mossman, Queensland, 4873**

Job No. **RSCL-281911-1**

Dwg No. **S11**

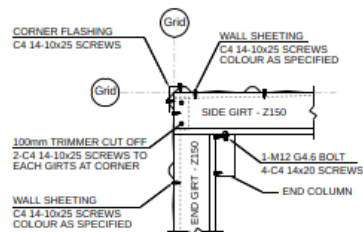
Date **02-Aug-2021**

Rev **A3**



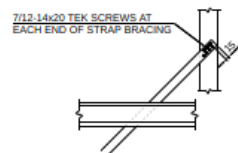
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SCALE: N.T.S



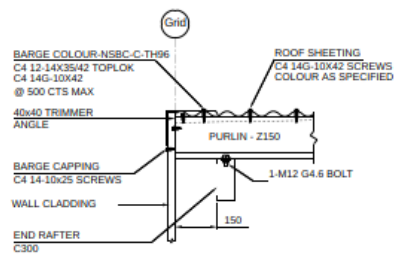
CORNER DETAIL

SCALE: N.T.S



TYPICAL BRACING DETAIL

SCALE: N.T.S



GABLE DETAIL

SCALE: N.T.S

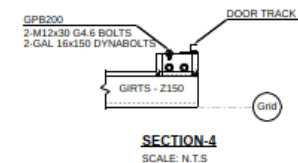
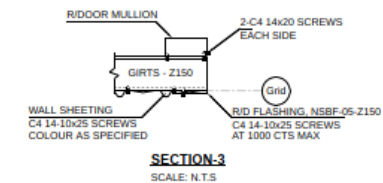
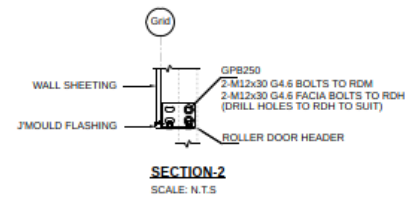
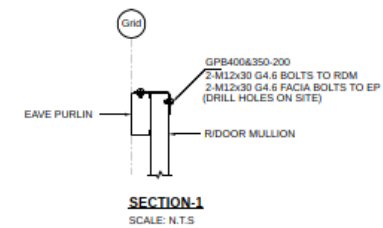
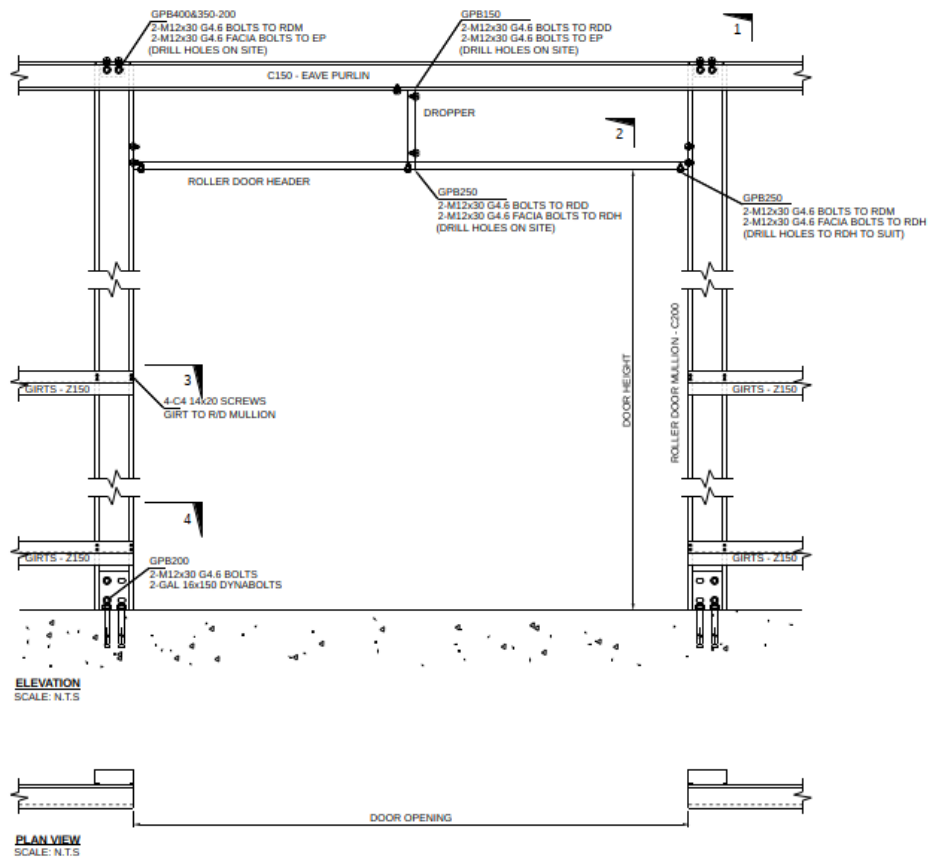
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GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD
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 FIE Aust CPEng 5590 + RPEQ 4431
 CPENG NZ 115838, Vic EC30894,
 NT 247485, TAS CC814L
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 Ph: (07) 55 306 214 Email: info@goma.com.au



Title Name: **TYPICAL FRAME DETAIL FOR A SHED 10M x 12M x 4M**
 Client: Brendan Stone
 Site address: 33 Bayl Drive
 Bonnie Doon - Mossman, Queensland, 4873

Job No.	RSCL-281911-1
Dwg No.	S12
Date	02-Aug-2021
Rev	A3



Rev	Date	Description

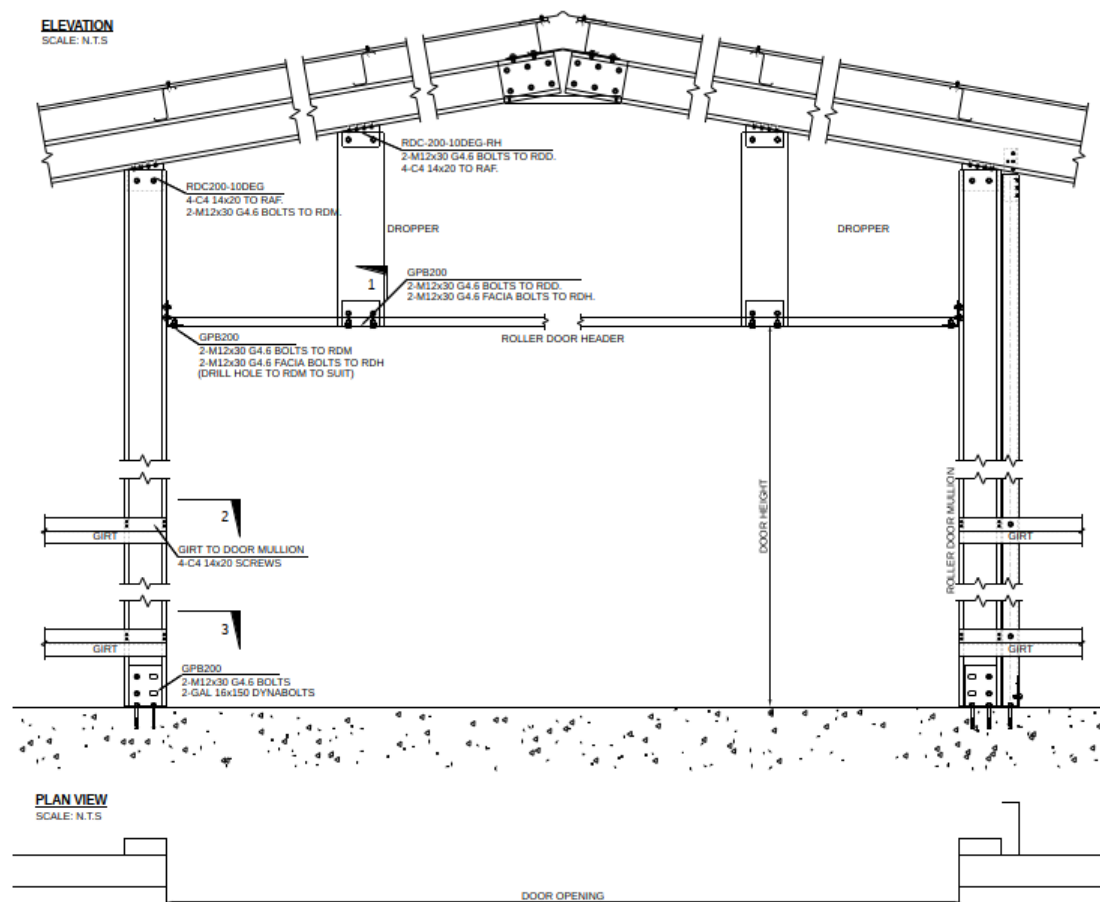
GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD
 FIE Aust CP/Eng NEER APEC Engineer (inPE)(Aust) IPENZ
 FIE AUST CP/Eng 5590 + RPEQ 4431
 CPEngNZ 115838, Vic EC30894,
 NT 247485, TAS CC814L
 PO. BOX 213 MUDGEERABA QLD 4213
 Ph: (07) 55 306 214 Email: info@gcma.com.au



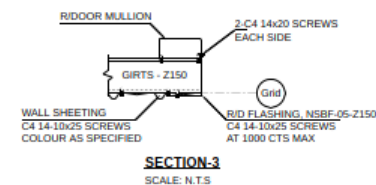
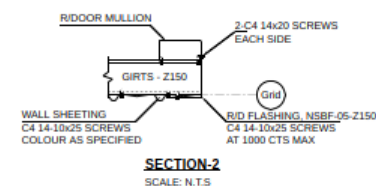
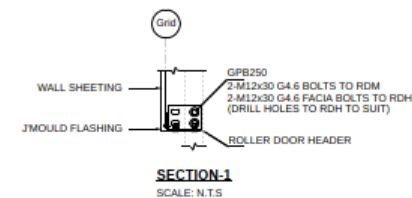
Title Name: **TYPICAL ROLLER DOOR DETAIL FOR A SHED 10M x 12M x 4M**

Client: **Brendan Stone**
 Site address: **33 Bayil Drive Bonnie Doon - Mossman, Queensland, 4873**

Job No.	RSCL-281911-1
Dwg No.	S13
Date	02-Aug-2021
Rev	A3



TYPICAL END WALL ROLLER DOOR DETAIL
SCALE: N.T.S



Rev	Date	Description

GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD
FIE Aust CPEng NER APEC Engineer (IntPE/Aus) IPENZ
FIE Aust CPEng 5590 + RPEQ 4431
CPEngNZ 115838, Vic EC30894,
NT 24748ES, TAS CC814L,
PO. BOX 213 MUDGEERABA QLD 4213.
Ph: (07) 55 306 214 Email: info@gcma.com.au



Title Name: TYPICAL ROLLER DOOR DETAIL
FOR A SHED 10M x 12M x 4M

Client: Brendan Stone

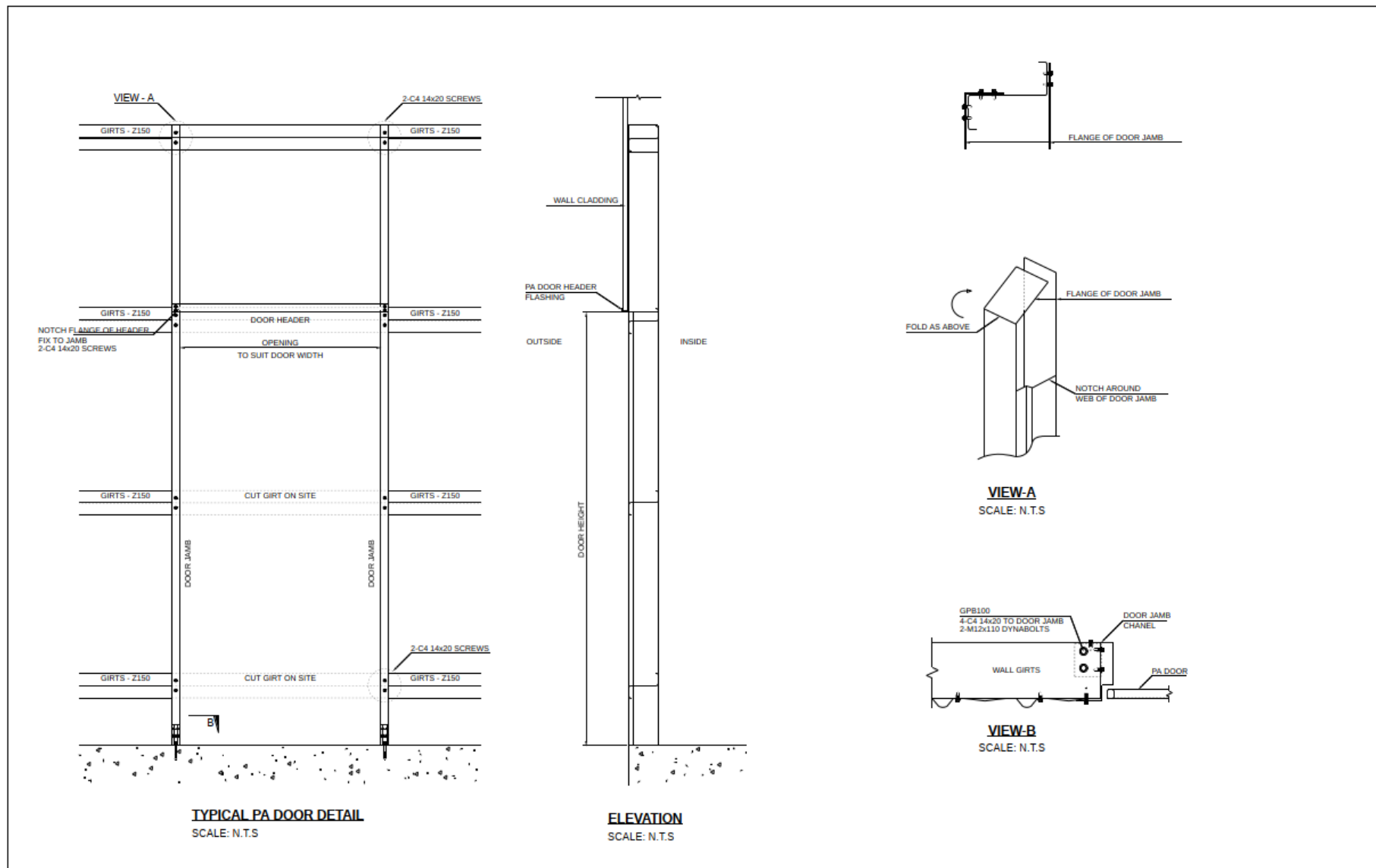
Site address: 33 Bayli Drive
Bonnie Doon - Mossman, Queensland, 4873

Job No. RSCL-281911-1

Dwg No. S14

Date 02-Aug-2021

Rev A3



Rev	Date	Description	GRAEME MOULSTON & ASSOCIATES ENGINEERING PTY LTD FIE Aust CPEng NER APEC Engineer IntPE(Aus) IPENZ FIE AUST CPEng 5590 + RPEQ 4431 CPEngNZ 115836, Vic EC30894, NT 247485, TAS CC314L PO. BOX 213 MUDGEEERABA QLD 4213 Ph: (07) 55 306 214 Email: info@gcma.com.au		Title Name: PA DOOR DETAIL FOR A SHED 10M x 12M x 4M		Job No.	RSCL-281911-1
					Client: Brendan Stone		Dwg No.	S15
					Site address: 33 Bayll Drive Bonnie Doon - Mossman, Queensland, 4873		Date	02-Aug-2021
							Rev	A3