# DA Form 2 – Building work details

Approved form (version 1.2 effective 7 February 2020) made under Section 282 of the Planning Act 2016.

This form must be used to make a development application involving building work.

For a development application involving **building work only**, use this form (*DA Form 2*) only. The DA Forms Guide provides advice about how to complete this form.

For a development application involving **building work associated and any other type of assessable development** (i.e. material change of use, operational work or reconfiguring a lot), use *DA Form 1 – Development application details* **and** parts 4 to 6 of this form (*DA Form 2*).

Unless stated otherwise, all parts of this form **must** be completed in full and all required supporting information **must** accompany the development application.

One or more additional pages may be attached as a schedule to this development application if there is insufficient space on the form to include all the necessary information.

This form and any other form relevant to the development application must be used to make a development application relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act 1994*, and airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

**Note:** All terms used in this form have the meaning given under the Planning Act 2016, the Planning Regulation 2017, or the Development Assessment Rules (DA Rules).

# PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) (individual or company full name)	DJ & LK Doyle Pty Ltd
Contact name (only applicable for companies)	David Doyle
Postal address (PO Box or street address)	PO Box 238
Suburb	Gayndah
State	QLD
Postcode	4625
Country	
Contact number	0427582390
Email address (non-mandatory)	ddoyle.mail4@bigpond.com
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	

## PART 2 – LOCATION DETAILS

2) Location of the premises (complete 2.1 and 2.2 if applicable)

**Note**: Provide details below and attach a site plan for any or all premises part of the development application. For further information, see <u>DA</u> <u>Forms Guide: Relevant plans.</u>

2.1) Street address and lot on plan

X Street address AND lot on plan (all lots must be listed), or

Street address AND lot on plan for an adjoining or adjacent property of the premises (appropriate for development in water but adjoining or adjacent to land e.g. jetty, pontoon. All lots must be listed).



Unit No.	Street No.	Street Name and Type	Suburb
	2-6	Walker Street	Gayndah
Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
14         RP 32450         North Burnett Regional Council		North Burnett Regional Council	
2.2) Additional premises			

# Additional premises are relevant to this development application and the details of these premises have been attached in a schedule to this development application

X Not Required

3) Are there any existing easements over the premises?

**Note**: Easement uses vary throughout Queensland and are to be identified correctly and accurately. For further information on easements and how they may affect the proposed development, see the <u>DA Forms Guide</u>

Yes – All easement locations, types and dimensions are included in plans submitted with this development application

X No

# PART 3 – FURTHER DETAILS

4) Is the application only for building work assessable against the building assessment provisions?

- X Yes proceed to 8)
- 🗌 No

5) Identify the assessment manager(s) who will be assessing this development application

6) Has the local government agreed to apply a superseded planning scheme for this development application?
Yes – a copy of the decision notice is attached to this development application
The local government is taken to have agreed to the superseded planning scheme request – relevant documents attached
□ No

Information request under Part 3 of the DA Rules

I agree to receive an information request if determined necessary for this development application

I do not agree to accept an information request for this development application

Note: By not agreeing to accept an information request I, the applicant, acknowledge:

 that this development application will be assessed and decided based on the information provided when making this development application and the assessment manager and any referral agencies relevant to the development application are not obligated under the DA Rules to accept any additional information provided by the applicant for the development application unless agreed to by the relevant parties.

• Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.

Further advice about information requests is contained in the DA Forms Guide.

# 8) Are there any associated development applications or current approvals? Yes – provide details below or include details in a schedule to this development application X No List of approval/development application Approval Development application Approval Approval Development application

9) Has the portable long service leave levy been paid?			
Yes – a copy of the receipted QLeave form is attached to this development application			
No − I, the applicant will provide evidence that the portable long service leave levy has been paid before the assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid			
X Not applicable (e.g. building and construction work is less than \$150,000 excluding GST)			
Amount paid	Date paid (dd/mm/yy)	QLeave levy number (A, B or E)	
\$			

10) Is this development application in response to a show cause notice or required as a result of an enforcement notice?
Yes – show cause or enforcement notice is attached
X No
11) Identify any of the following further legislative requirements that apply to any aspect of this development

application			
The proposed development is on a place entered in the Queensland Heritage Register or in a local government's Local Heritage Register. See the guidance provided at <u>www.des.qld.gov.au</u> about the requirements in relation to the development of a Queensland heritage place			
Name of the heritage place:		Place ID:	

## PART 4 – REFERRAL DETAILS

12) Does this development application include any building work aspects that have any referral requirements?

Yes – the *Referral checklist for building work* is attached to this development application

X No – proceed to Part 5

#### 13) Has any referral agency provided a referral response for this development application?

☐ Yes – referral response(s) received and listed below are attached to this development application ☐ No

Referral requirement	Referral agency	Date referral response
Identify and describe any changes made to the proposed development application that was the subject of the referral response and this development application, or include details in a schedule to this development application <i>(if applicable)</i>		

# PART 5 – BUILDING WORK DETAILS

14) Owner's details			
Tick if the applicant is also the owner and proceed to 15). Otherwise, provide the following information.			
Name(s) (individual or company full name)       Phillip Grambower			
Contact name (applicable for companies)			
Postal address (P.O. Box or street address) 4 Walker Street			
Suburb	Gayndah		
State	Qld		

Postcode	4625
Country	
Contact number	0418736557
Email address (non-mandatory)	
Mobile number (non-mandatory)	
Fax number (non-mandatory)	

#### 15) Builder's details

Tick if a builder has not yet been engaged to undertake the work and proceed to 16). Otherwise provide the following information.

Name(s) (individual or company full name)	DJ & LK Doyle Pty Ltd
Contact name (applicable for companies)	David Doyle
QBCC licence or owner – builder number	71465
Postal address (P.O. Box or street address)	PO Box 238
Suburb	Gayndah
State	Qld
Postcode	4625
Contact number	0427582390
Email address (non-mandatory)	ddoyle.mail4@bigpond.com
Mobile number (non-mandatory)	
Fax number (non-mandatory)	

16) Provide details about the pr	oposed building work			
What type of approval is being s	sought?			
X Development permit				
Preliminary approval				
b) What is the level of assessm	ent?			
X Code assessment				
Impact assessment (requires p	oublic notification)			
c) Nature of the proposed build	ng work (tick all applicable t	ooxes)		
X New building or structure				
Change of building classifica	Change of building classification (involving building work)			
Demolition     Relocation or removal			removal	
d) Provide a description of the work below or in an attached schedule.				
Extension to existing Garage				
e) Proposed construction materials				
	Double brick	X Steel	Curtain glass	
External walls	Brick veneer	Timber	Aluminium	
Stone/concrete Fibre cement Other		Other		
	Timber	X Steel	Aluminium	
Frame	Other			
Floor	X Concrete	Timber	Other	
Reaf acyaring	Slate/concrete	🗌 Tiles	Fibre cement	
Roof covering     I bit of the control o				
f) Existing building use/classification? ( <i>if applicable</i> )				
10a				

g) New building use/classification? (if applicable)

#### h) Relevant plans

**Note:** Relevant plans are required to be submitted for all aspects of this development application. For further information, see <u>DA Forms Guide:</u> <u>Relevant plans</u>.

X Relevant plans of the proposed works are attached to the development application

#### 17) What is the monetary value of the proposed building work?

\$ 20,500

#### 18) Has Queensland Home Warranty Scheme Insurance been paid?

X Yes – provide details below	
🗌 No	
Amount paid	Date paid (dd/mm/yy)
\$ 336.20	07/06/23

Reference number

014594086

# PART 6 – CHECKLIST AND APPLICANT DECLARATION

19) Development application checklist	
The relevant parts of Form 2 – Building work details have been completed	X Yes
This development application includes a material change of use, reconfiguring a lot or operational work and is accompanied by a completed <i>Form 1 – Development application details</i>	☐ Yes X Not applicable
Relevant plans of the development are attached to this development application Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see <u>DA Forms Guide: Relevant plans.</u>	X Yes
The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued ( <i>see 9</i> )	Yes X Not applicable

#### 20) Applicant declaration

X By making this development application, I declare that all information in this development application is true and correct

X Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the *Electronic Transactions Act 2001 Note: It is unlawful to intentionally provide false or misleading information.* 

**Privacy** – Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application.

All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website.

Personal information will not be disclosed for a purpose unrelated to the *Planning Act 2016*, Planning Regulation 2017 and the DA Rules except where:

- such disclosure is in accordance with the provisions about public access to documents contained in the *Planning Act 2016* and the Planning Regulation 2017, and the access rules made under the *Planning Act 2016* and Planning Regulation 2017; or
- required by other legislation (including the Right to Information Act 2009); or
- otherwise required by law.

This information may be stored in relevant databases. The information collected will be retained as required by the *Public Records Act 2002.* 

# PART 7 – FOR COMPLETION BY THE ASSESSMENT MANAGER – FOR OFFICE USE ONLY

Date received: Reference r	numbers:	
For completion by the building certifier Classification(s) of approved building work		
Name	QBCC Certification Licence number	QBCC Insurance receipt number

Notification of engagement of alternative assessment manager		
Prescribed assessment manager		
Name of chosen assessment manager		
Date chosen assessment manager engaged		
Contact number of chosen assessment manager		
Relevant licence number(s) of chosen assessment manager		

Additional information required by the local government					
Confirm proposed construction materials:					
External walls	<ul> <li>Double brick</li> <li>Brick veneer</li> <li>Stone/concrete</li> </ul>	<ul> <li>Steel</li> <li>Timber</li> <li>Fibre cement</li> </ul>	Curtain glass Aluminium Other		
Frame	☐ Timber ☐ Other	Steel	Aluminium		
Floor	Concrete	🗌 Timber	Other		
Roof covering	Slate/concrete	☐ Tiles ☐ Steel	Fibre cement		

QLeave notification and payment Note: For completion by assessment manager if applicable	
Description of the work	
QLeave project number	
Amount paid (\$)	Date paid (dd/mm/yy)
Date receipted form sighted by assessment manager	
Name of officer who sighted the form	

Additional building details required for the Australian Bureau of Statistics				
Existing building use/classification? (if applicable)				
New building use/classificati	on?			
Site area (m <sup>2</sup> )		Floor area (m <sup>2</sup> )		

# Compliance Certificate for building design or specification



This form is the approved form that must be used in accordance with section 10 of the *Building Act 1975* and sections 73 and 77 of the Building Regulation 2021 (Design-specification certificate) stating that an aspect of building work or specification will, if installed or carried out as stated in this form, comply with the building assessment provisions.

Additional explanatory information is included in the Appendix at the end of this form.

1. Property description	Street address (include number, street, suburb/locality and postcode)					
This section need only be completed	4 Walker Stree	4 Walker Street Gayndah 4625				
if details of street address and	State	QLD	Postcode	4625		
property description are applicable.	Lot & plan detail	s (attach list if	necessary)			
E.g. in the case of (standard/generic) pool design/shell manufacture and/or	Lot: 14, RP 32	450				
patio and carport systems this section may not be applicable.	Local governme	ent area the lan	d is situated in			
The description must identify all land the subject of the application.	North Burnett	Regional Cou	ncil			
The lot and plan details (e.g. SP/RP) are shown on title documents or a rates notice.						
If the plan is not registered by title, provide previous lot and plan details.						
2. Description of aspect/s certified Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.	listed below:	ngs to suit S/I g elements of	M site classificat	d on the drawings ion		
<b>3. Basis of certification</b> Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon	AS 1170.0, 1, 2 AS 2870 - 2011 AS 3600 - 2018 AS 4100 - 2020	& 4 Structura Residential S Concrete Str Steel Structu		5		

4. Reference documentation for McHugh Steel Job No 33051504482147 Clearly identify any relevant documentation, e.g. numbered structural engineering plans.	1264NT PG1 PG2 REV-15, SLAB PG1 REV-7, RADMUL-CYC PG1 & PG2 REV-0, EW1, QP1, RP1, MT1, FP1, BC1, SW1 Site Check Assessment Code: mcH23050067XQ				
5. Building certifier reference number and building development approval number	Building certifier reference num Building development application				
6. Appointed competent person details Under Part 6 of the Building	Name <i>(in full)</i> John Towler				
Regulation a person must be assessed as a competent for the type	Company Name (if applicable) McHugh Steel Pty Ltd	Contact person John Towler			
of work (design-specification) by the relevant building certifier.	Business phone number	Mobile			
Televant building certilet.	(07) 4153 6588				
	Email address				
	rob@mchughsteel.com.au				
	Postal address				
	17 Phoebe Crescent				
	State <b>QLD</b> Licence class or registration typ	Postcode <b>4670</b> pe <i>(if applicable)</i>			
	Civil				
	Licence or registration number (if applicable)				
	N.P.E.R 131 7430 R.P.E.Q No: 4562				
	Certificate No				
	33051504482147.C01				

7. Signature of appointed competent person	Signature		Date
This certificate must be signed by the individual assessed and appointed by the building certifier as competent to give design-specification help.	l	d	31 May 2023
	$\cup$		

#### LOCAL GOVERNMENT USE ONLY

Date received

**Reference** number/s

#### Appendix – explanatory information

**IMPORTANT NOTE:** it is an offence for a competent person to give a building certifier a document, including this form, that the person knows or reasonably suspects, is false or misleading.

Who can complete this certificate? (section 10 of the Building Act 1975 (Building Act) and sections 73 and 77 of Building Regulation 2021 (BR 2021))

A building certifier can accept from a competent person (design-specification) a certificate stating that the competent person has assessed the building design or specification for the aspect of building w ork, and it will, if installed or carried out under the certificate, comply with the building assessment provisions, including any relevant standards and codes.

Schedule 10 of the BR 2021 defines building design or specification as any material, system, method of building or other thing related to the design of or specifications for building work.

When completing the certificate, a competent person is required under section 77 of the BR 2021 to include the basis for giving the certificate and state the extent to which the competent person has relied on tests, specifications, rules, standards, codes of practice or other publications.

What is the purpose of this form? (section 10 of the Building Act and sections 73 and 77 of the BR2021)

The information in this form informs the building certifier's decision making when they are assessing a building development application, issuing the building development approval for the building work the subject of the certificate (form) and when amending the building development approval due to the receipt of updated aspect information such as glazing or truss specifications or revised excavation drawings.

#### Can a manufacturer or supplier give this Form 15?

A building certifier can accept this form from a manufacturer or supplier who the certifier has decided is a competent person (designspecification). A manufacturer or supplier of building materials can give this form if they have undertaken the design component for the product. For example a window manufacturer who designs, constructs and supplies the window s to industry could give this form.

#### Competent person (section 10 of the Building Act 1975 and Part 6 of the BR 2021)

A building certifier must assess and decide to appoint an individual as a competent person before they can accept design-specification help.

When deciding whether a person can be a competent person, the building certifier must assess the person having regard to their experience, qualifications and skills and ensure the person holds a licence or registration if required.

The building certifier is required to keep detailed records about what was considered when appointing a competent person.

For further information about assessment of someone as a competent person refer to the **Guideline for the assessment of competent** persons.

#### What is required if a manufacturer or supplier did not do the design work for the product?

A manufacturer or supplier who is not part of the design process may give the construction contractor, builder, competent person or the building certifier evidence of suitability such as a product technical statement under Part A5 of the Building Code of Australia (BCA), for an aspect or material stating that it is compliant with the relevant reference documents in the BCA i.e. the applicable Australian Standard/s.

#### What if there is not enough space for all the supporting material/documents?

Items 2, 3 and 4 requires the competent person to clearly identify the extent of the assessment that was undertaken for aspect/s of work identified in this form.

For instance, there is provision for material such as specifications, standards, codes or other relevant publications to be referenced in the form. How ever, if the space in the form is not sufficient to accommodate all of this material, you can create and refer to additional material in an addendum or attachment to the form.

The form is also available in a Microsoft Word version, that you can dow nload and edit to include additional material in the relevant parts of the form. Note that editing the form in the Microsoft Word version may cause the relevant boxes to expand and increase the length of the document. This is acceptable and does not change the approved form, provided the section text (description on the lefthand side of the page) is not altered.

#### Appointed competent person (design or specification) - (sections 34 and 36 of the BR 2021)

A building certifier must assess and decide to appoint an individual as a competent person before they can, as a competent person, give design-specification help. The building certifier is required to keep detailed records about what was considered when appointing a competent person.

A building certifier must be satisfied that an individual is competent to give the type of help having regard to the individual's experience, qualifications and skills and if required by law to hold a licence or registration, that the individual is appropriately registered or licensed. An individual is appointed as competent to give design-specification help on or from a particular day.

For further information about assessment of someone as a competent person refer to the Guideline for the assessment of competent persons.

#### PRIVACY NOTICE

The Department of Energy and Public Works is collecting personal information as required under the Building Act 1975. This information may be stored by the Department, and will be used for administration, compliance, statistical research and evaluation of building law s. Your personal information will be disclosed to other government agencies, local government authorities and third parties for purposes relating to administering and monitoring compliance with the Building Act 1975. Personal information will otherwise only be disclosed to third parties with your consent or unless authorised or required by law.

# SITE SPECIFIC DESIGN CRITERIA ANALYSIS



Issued: 31/05/2023

### **Prepared for:** D.J & L.K Doyle 4 Walker Street Gayndah QLD 4625

Supplier: McHugh Steel

Assessment Ref: mcH23050067XQ

#### Certified by:

John Towler

Building Details: Span: 7 Length: 6 Avg. Height: 3.317

Assesment basis: NCC 2022 AS/NZS 1170.2:2021 AS/NZS 1170.3:2003 AS1170.4:2007 AS/NZS 3500.3:2021



Site Location: Geographic coordinates of -25.61754,151.6118 The address provided for reference purpose only is: 4 Walker Street Gayndah QLD 4625

# **Executive Summary - Site Specific Analysis**

The design analysis of the building has not been considered for each of the 4 orthogonal directions. Hence the maximum wind speed in any of the 8 cardinal directions has been used as the design wind speed. This is a conservative approach.

Factor	N	NE	Е	SE	S	SW	W	NW
Wind Region				B	51			
Importance level (IL)				4	2			
Distance from Smoothed Coastline				Ν	/A			
Regional Wind Speed (Vr)				57	<b>'</b> .0			
Climate Change Factor (Mc)		1						
Terrain Category (TC)	2.57	2.52	2.12	2.48	2.94	2.98	2.84	2.5
Terrain Category Multiplier (Mz)	0.86	0.87	0.90	0.87	0.83	0.83	0.84	0.87
Shielding Multiplier (Ms)	0.85	0.83	0.84	0.89	1	0.91	0.89	0.81
Topographic Multiplier (Mt)	1	1	1	1	1	1	1	1
Wind Direction Multiplier 1 (Md1)	0.75	0.75	0.85	0.9	0.95	0.95	0.95	0.9
Site specific design wind speed (Vsite1)	31.4	30.8	36.6	39.8	45.2	41	40.6	36.2
Wind Direction Multiplier 2 (Md2)	0.75	0.75	0.85	0.9	0.95	0.95	0.95	0.9
Site specific design wind speed (Vsite2)	31.4	30.8	36.6	39.8	45.2	41	40.6	36.2

Each cardinal direction has been considered and the results are summarised below

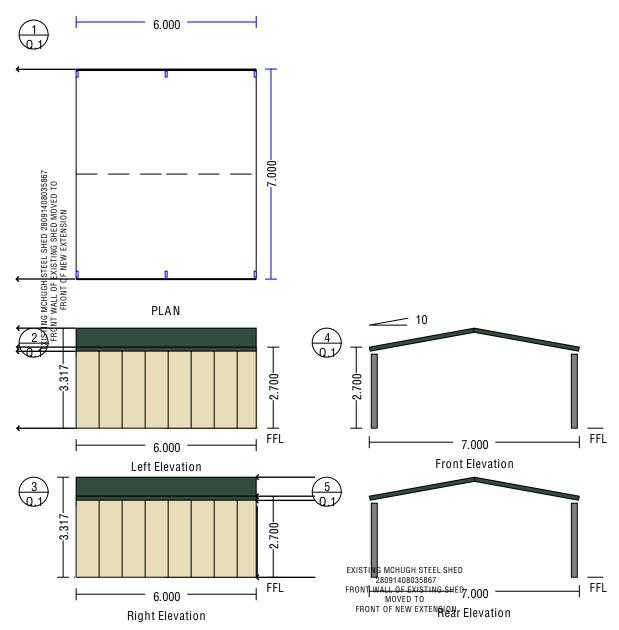
Design Wind Speed (Vsite1)	45.2 m/s	for the resultant forces and overturning moments on the complete building and wind actions on major structural elements.
Design Wind Speed (Vsite2)	45.2 m/s	for cladding and immediate supporting structures (Purlins and Girts)
Snow Load	Nil	
Earthquake	0.09	Hazard Design Factor (Z)
Durability Alert	No	
Rainfall Intensity Rainfall Intensity	232mm/hr 301mm/hr	AEP 20 Years AEP 100 Years

		Complia	ance Sta	tement	
		Q	uote Details		
Quote No: 3305	1504482147		Quote Date	: 15 May	y 2023
Customer: D.J &	L.K Doyle				
Site: 4 Wa	kerStreet Gayndah∠	625			
Site Check: http	os://sitecheck.shedsafe	e.com.au/Engineerin	ng/WindRegion/	'3f3b7f10-56	62e-4ea2-ab5b-1fce401c6d57
		Bu	ilding Detai	ls	
	Building Style	Portal Frame Gable Ro	of-Open Domestic [	) esign	
	Roof Style	G able			
	Roof Pitch Length	10.00° 6.000m			
	Width	7.000m			
	Height	2.700m			
	Bay Count	2			
F	Bay Sizes Roller Door Notes	3.00m, 3.00m The shed has been des	ianed for full intern	al pressure. C pi	= +0.7 & -0.65.
'		Roller door strength is i			
D	Building Class	10A Domestic: Non-Isc	olated Shed or Carp	ort	
•	mportance Level sign Wind Speed	2 45 m/s			
	gn Wind Pressure	1.215 kPa			
	Speed Certificate	mcH23050067XQ			
			Members		
			Portals		
Internal Portal PF2	C 20019 Punched				
Knee Braces	N/A		Apex Br	aces	N/A
		Р	urlins / Girts		
Side Wall Girt SWG1	TopHat 64mm 1.2 BMT		Side Wa	ll Girt Spacing	g 0.300m, 1.500m
End Wall Girt EWG1	TopHat 64mm 1.0 BMT		End Wal	l Girt Spacing	0.300m, 1.500m, 2.700m
Roof Purlin P1	TopHat 64mm 1.2 BMT		Roof Pu	rlin P2	TopHat 64mm 1.2 BMT
Roof Purlin Spacing	0.000m, 0.888m, 1.776m	, 2.664m	Eave Pu	rlin EP1	C 15012 UnPunched
			Bracing		
Side Wall Bracing	50x1.2 Strap Bracing		Roof Bra		50x1.2 Strap Bracing
Deere & Windowe	None	Do	ors / Window	15	
Doors & Windows	None				
Do of Cladding	M. Dook Hi Dmfilo 0.49hm	047707	Cladding Roof Sci		Doof Samue 19450 Hi Dib Colour
Roof Cladding Wall Cladding	M-Deck Hi-Profile 0.42bm M-Deck Hi-Profile 0.42bm		Wall Scr		Roof Screw - 12x50 Hi Rib - C olour Wall Screw - 10-16x16mm - C olour
, , , , , , , , , , , , , , , , , , ,			arge / Gutter		
Gutter	Square Gutter & 90mm PV		Down Pi		90mm PVC Downpipe - 6m Length
Barge	120mm CustomSquare/3-		Ridge Ca		397G-CO/TD 3 Brk .40 Ridge Cap C/B
adequate for their pur	kit components listed bel pose. This document tak in the standard draw ing	es precedence over		ph	DWG-MT1
Shed Estimator 2022 5.1 400	(c) 2023 McHurch Steel Dty 1+d [	FDS0473] [Anen Domestic Do	sign] 0:15 May	P:31 May 2022 15	
bieu estimator 2023.5.1.499	(c) 2023 McHugh Steel Pty Ltd [	EDOUATOJ LOPEN DOMESTIC DE	signj u:15 way 2023	г.эт way 2023 15	

Bracing Calculations						
Quote No: 3305150448 Customer: D.J&L.KDo Site: 4 WakerStra		25	Quote Details Quote Date:	15 May 2	2023	
			Effective End Wall Are	а		
			_			1
	3.77 m <sup>2</sup>					
			Building Details			
	Building Style	Portal Fram	e Gable Roof-Open Domestic I	Design		
	Roof Style	Gable				
	Roof Cladding		Profile 0.42bmt 0.47 TCT			
Design W	Wall Cladding /ind Speed Vzu		Profile 0.42bmt 0.47 TCT			
	nd Pressure Qu	45 m/s 1.2 kPa				
	eed Certificate	mcH230500	)67XQ			
	Main Building		Left Aw ning	Right Av	vning	Total
Length	6.000m					
Width	7.000m					7.000m
Wall Height Average Roof Height	2.700m					
Roof Pitch	3.009m 10.00°					
Bay Count	2					
Flashed Rafter Depth	 0.298m					
End Portal Column Width	0.204m					
			Drag			
		Roof	Drag		Wall	
Sheeting Drag Coefficient		0.04		0.04		
Drag		0.00			0.00	
			Main Building			
Leeward WallCpe	9 0.50	Cross Wind B	racing Requirements - 181121.xlsx	- C rossWind	Enclosed - Leeward	Wall C pe
Windward Wall Cpe	9 0.70	Long Wind B	racing Calculator 140311.xlsx			
Cpt	t 1.00	Restricted In	ternal Pressure: Gable Roof			
Enclosed End Wall Area	1 3.8 m <sup>2</sup>	Restricted In	ternal Pressure: (Width / (Cos(DegT	oRad(RoofP	ritch)) * Flashed Rafte	er Depth)) + ((Height * End Portal
		C olumn Widt	h) * WallCount)			
Effective End Wall Area		Enclosed End				
End Wall Force	e 4.6 m <sup>2</sup>	Effective End	Wall A rea * Cpt * Q u			
	DW G- BC 1					
Shed Estimator 2023.5.1.499 (c) 2023 M	cHugh Steel Pty Ltd [EC	S0473] [Open D	omestic Design] Q:15 May 2023 P:31 Ma	ay 2023 15:05	i	Page 1 of 2

Wall Drag Force	0.00 kN	Length Factor = 0. Result = 0
Roof Drag Force	0.00 kN	Length Factor = 0. Result = 0
Side Wall Bracing Force Requirement		Roof Drag Force + Wall Drag Force + End Wal Force
Side Wall Area	2.1 m <sup>2</sup>	Length * Height
End Wall Bracing Force Requirement		

D W G- BC 1	
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Date:

CLIENT

Portal Frame Gable Roof-Open Domestic Design Vdes=39 m/s (Reg-B) 7.000 x 6.000 x 2.700

#### DRAWING QP1 Ref: 33051504482147 NTS ARCHITECTURAL DRAWINGS

Shed Estimator 2023.5.1.499 (c) 2023 McHugh Steel Pty Ltd [EDS0473] [Open Domestic Design] Q:15 May 2023 P:31 May 2023 15:05

**MHUGH** 

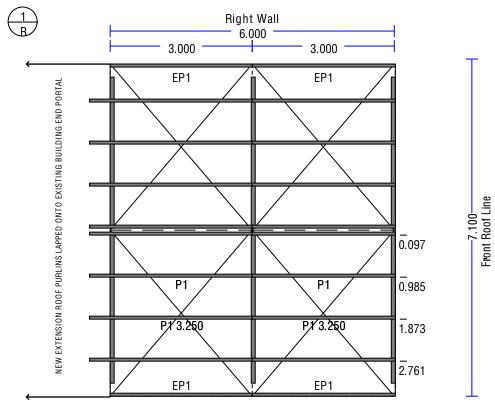
At: 4 Walker Street Gayndah 4625

For: D.J & L.K Doyle

Approved by:

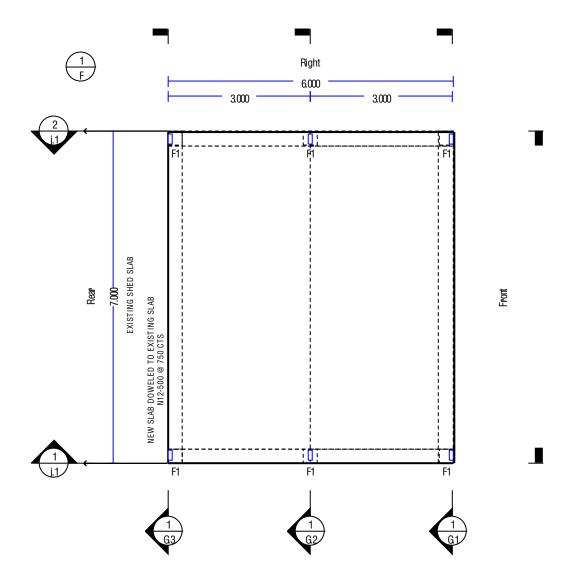
#### Roof Bracing

Type: 50x1.2 Strap Bracing



Left Wall

	CLIENT			DRAWNG	
MHUGH	Portal Frame Gable Roof-Open Domestic Design Vdes=39 m/s (Reg-B) 7.000 x 6.000 x 2.700		RP1	Ref: 33051504482147	NTS
	At: 4 Walker Street Gayndah 4625	] [	Roof Purlin View		
STEEL 7	For: D.J & L.K Doyle				
	Approved by : Date:	7 (			)

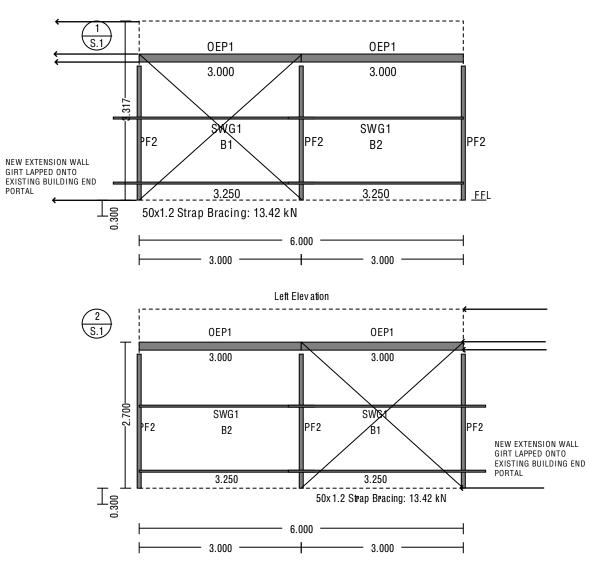


Refer to standard drawing SLAB

	CLIENT		DRAWNG		
MAUGH	Portal Frame Gable Roof-Open Domestic Design Vdes=39 m/s (Reg-B) 7.000 x 6.000 x 2.700		FP1	Ref: 33051504482147	NTS
	At: 4 Walker Street Gayndah 4625	Footing View			
STEEL C	For: D.J & L.K Doyle				
	Approved by: Date:				)

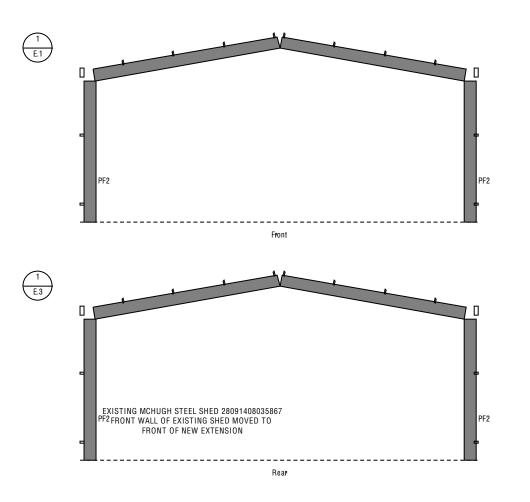
#### Long Wind Bracing

Bracing Required: 4.58 kN Bracing Designed: 26.84 kN

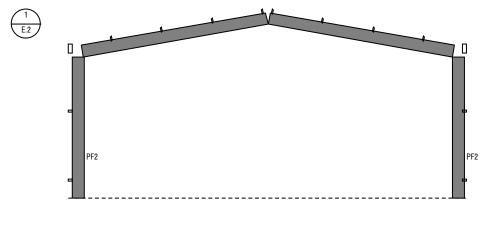


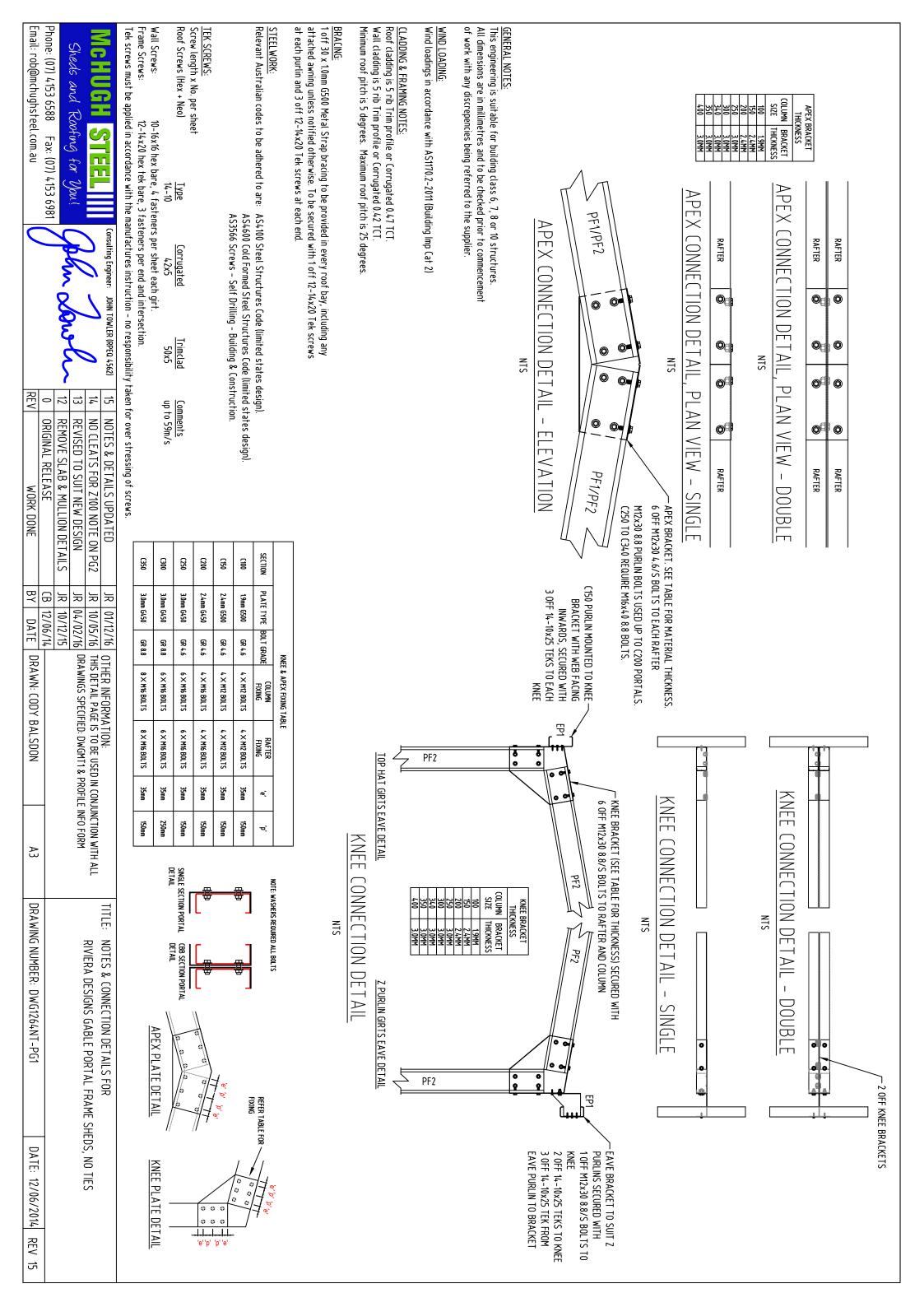
**Right Elev ation** 

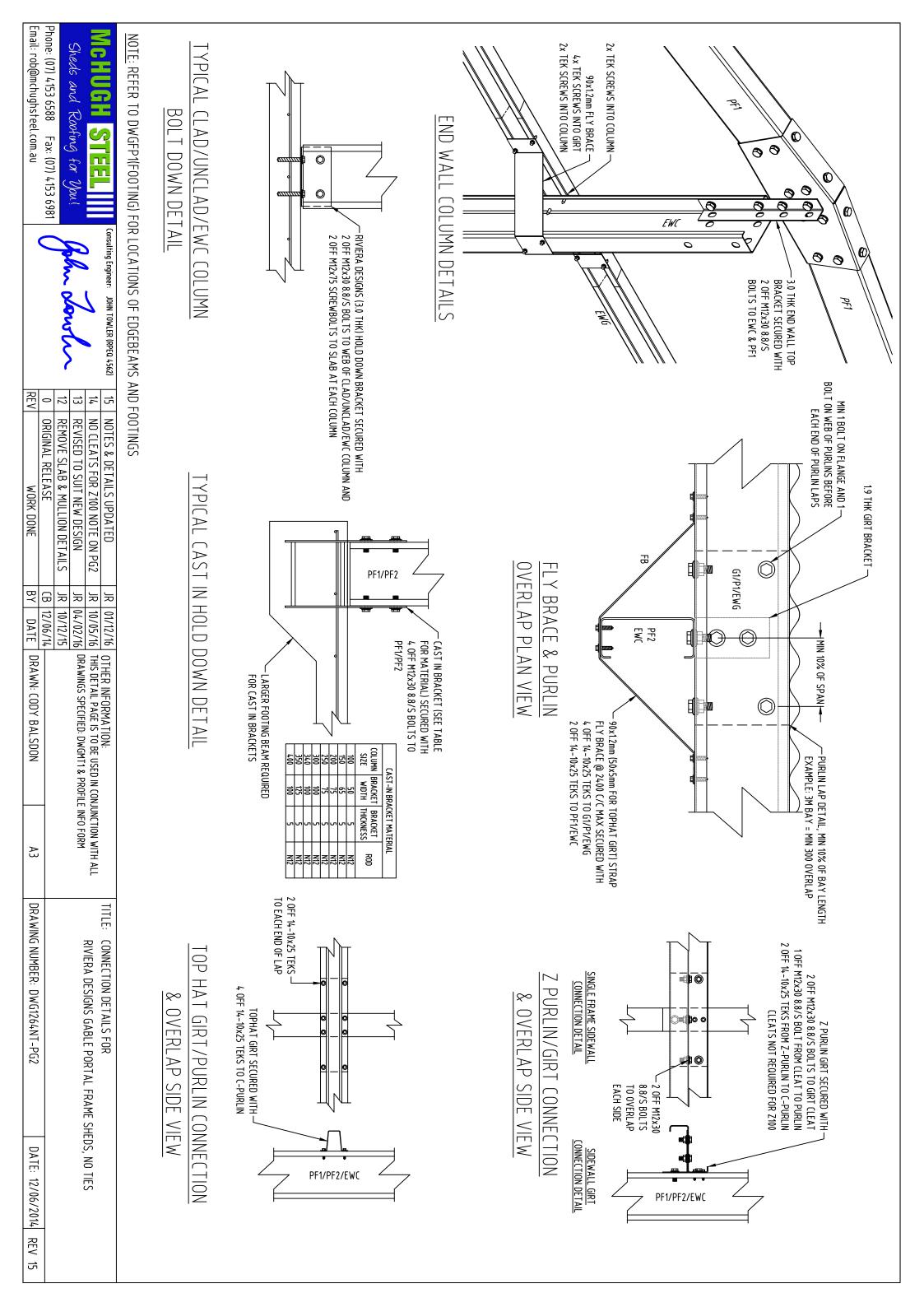
	CLIENT		DRAWNG		
MHUGH	Portal Frame Gable Roof-Open Domestic Design Vdes=39 m/s (Reg-B) 7.000 x 6.000 x 2.700		SW1	Ref: 33051504482147	NTS
	At: 4 Walker Street Gayndah 4625	Side Wall			
STEEL C	For: D.J & L.K Doyle			SIUG WAII	
	Approved by: Date:				

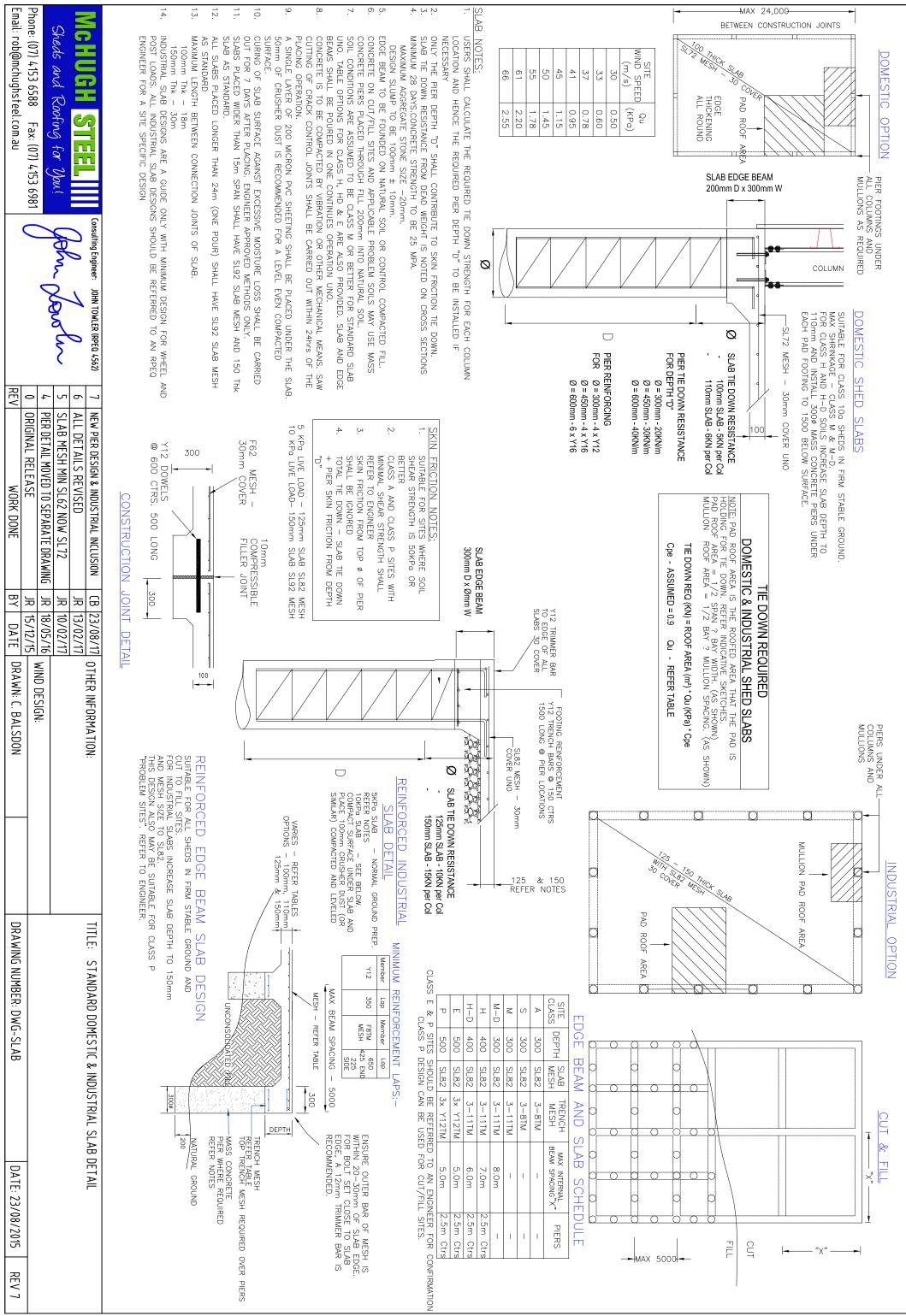


	CLIENT	DRAWNG			
Mahugh	Portal Frame Gable Roof-Open Domestic Design Vdes=39 m/s (Reg-B) 7.000 x 6.000 x 2.700		EW1	Ref: 33051504482147	NTS
	At: 4 Walker Street Gayndah 4625		End Wall Frame		
STEEL C	For: D.J & L.K Doyle				
JILLE	Approved by: Date:	7			

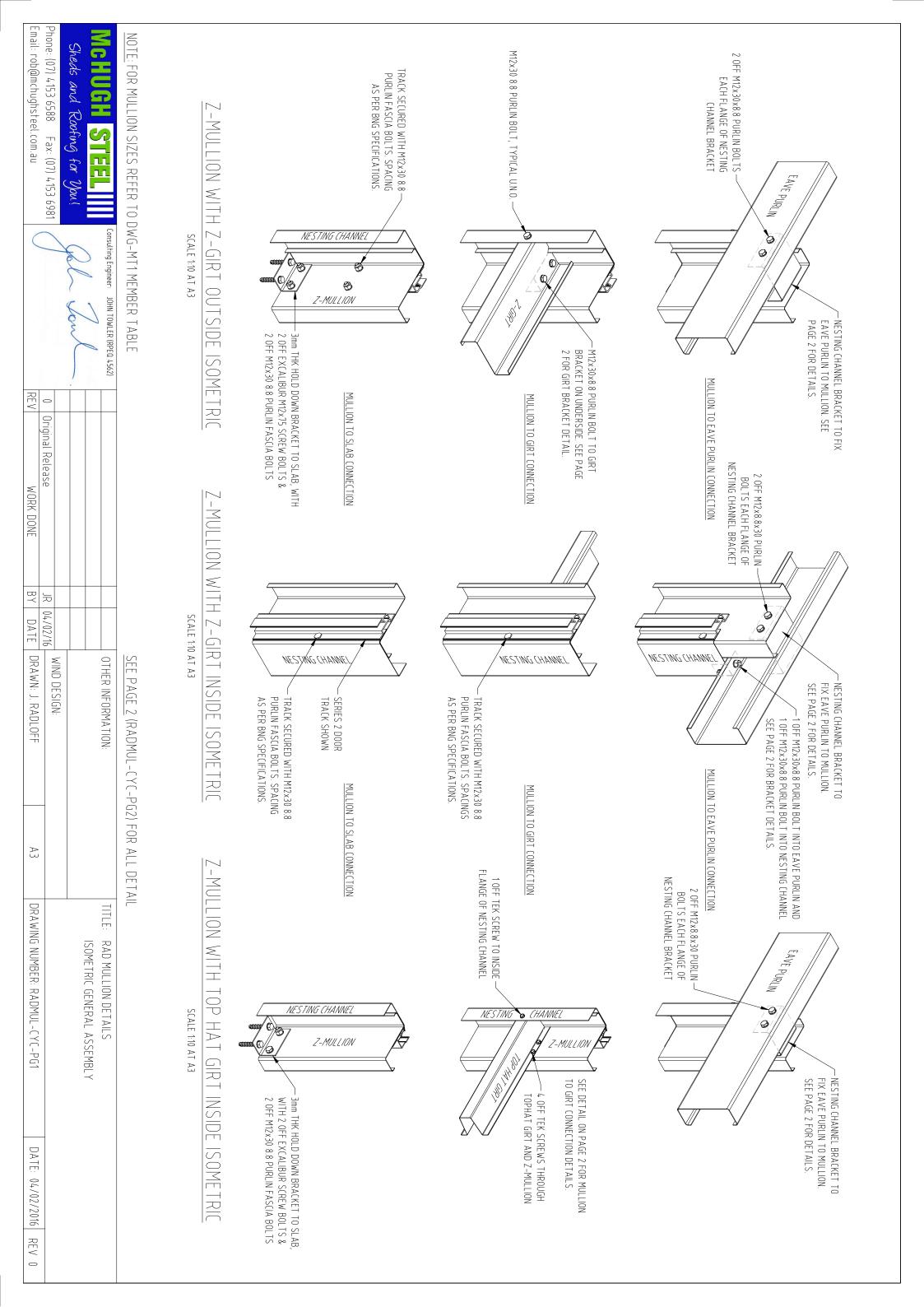


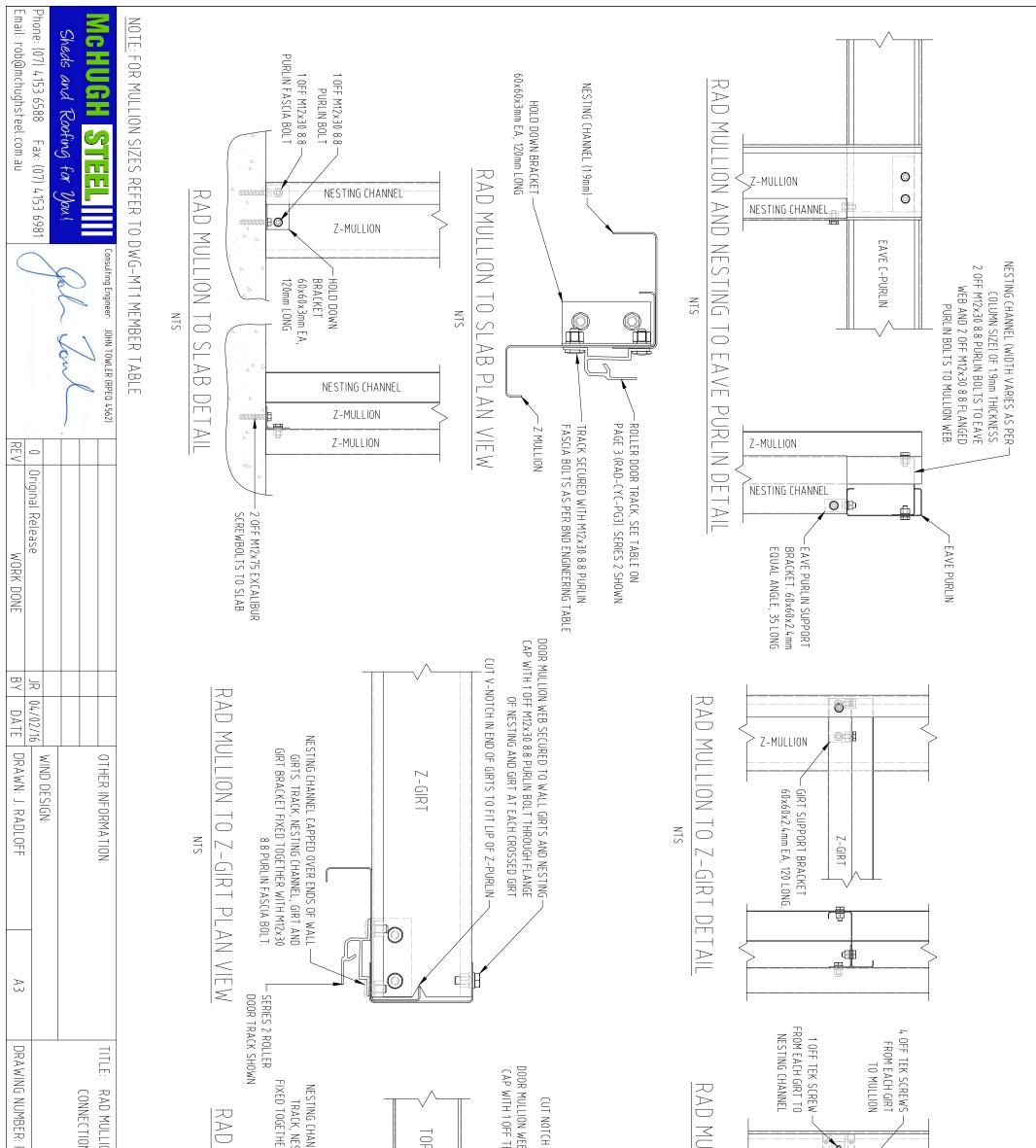






DWG-SLAB	
DATE: 23/08/2015	
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NDETAILS NDETAILS RADMUL-CYC-PG2	INVEL CAPPED OVER ENDS OF WALL GIRTS. STING CHANNEL, GIRT AND GIRT BRACKET ER WITH M12x30x8.8 PURLIN FASCIA BOLT. MULLION TO TOPHAT PLAN VIEW NTS	HIN END OF GIRTS TO FIT LIP OF Z-PURLIN B SECURED TO WALL GIRTS AND NESTING TEK SCREW THROUGH FLANGE OF NESTING AND GIRT AT EACH CROSSED GIRT P HAT GIRT	NTS NTS
DATE: 04/02/2016 REV 0	SERIES 1 ROLLER DOOR TRACK SHOWN T. (TYPICAL OF SMALLER SHEDS WITH TOPHAT GIRTS) T GIRT		GRT DETAIL

