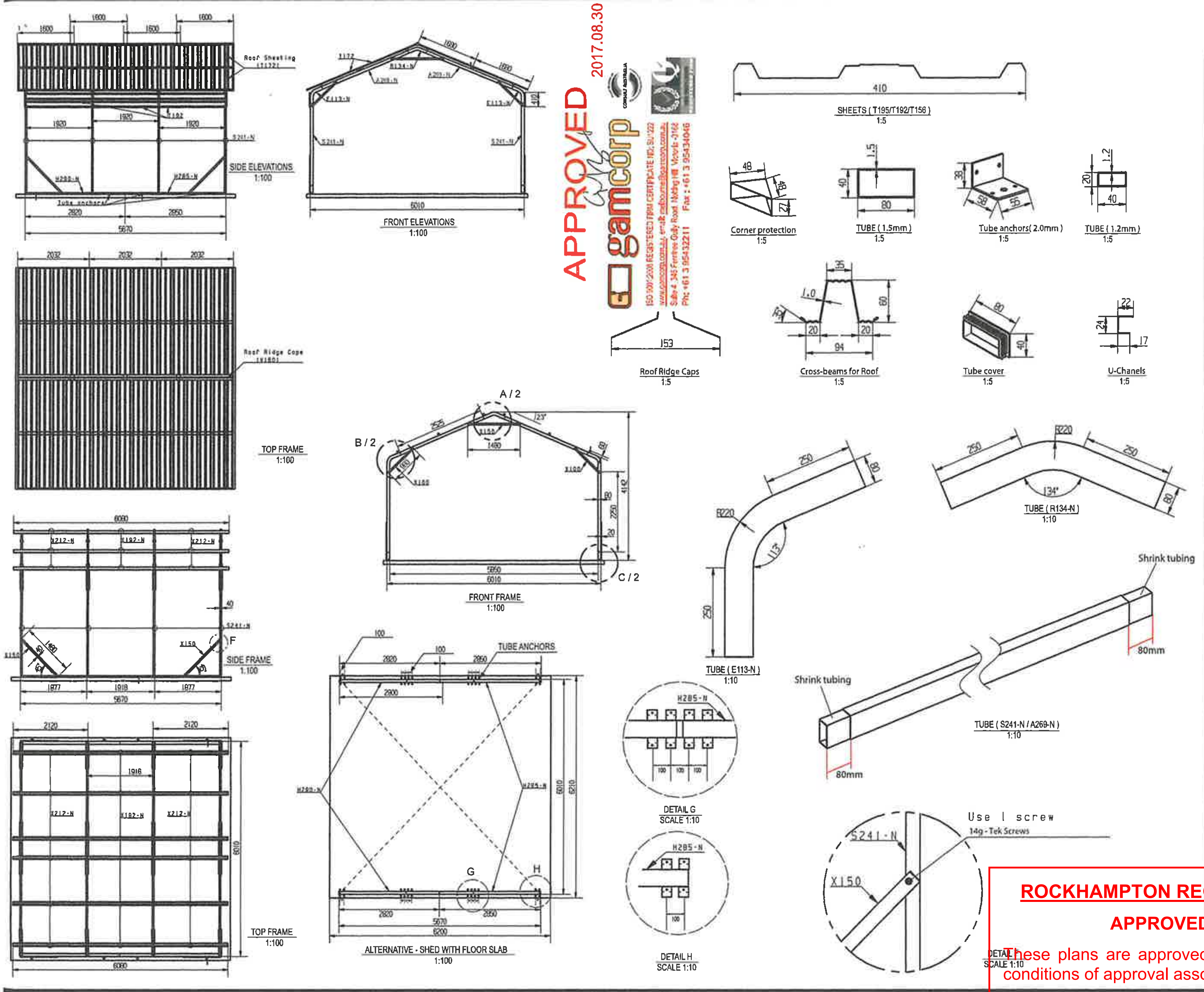


General Notes

Member Schedule

Mark	Discription
H290-N	80x40x1.5mm
H285-N	80x40x1.5mm
S241-N	80x40x1.5mm
E113-N	80x40x1.5mm
R134-N	80x40x1.5mm
A269-N	80x40x1.5mm
X100	20x40x1.2mm
X150	20x40x1.2mm
X212-N	Steel 1.0mm
X192-N	Steel 1.0mm

No.	Revision/Issue	Date

MODEL: **ED6X61**

VERSION: 01
DATE: 2/8/2017
BY: Tim
Page 1 of 2

Prepared by: Tim
Dandenong South, VIC 3175
Phone: (03) 9792 1170

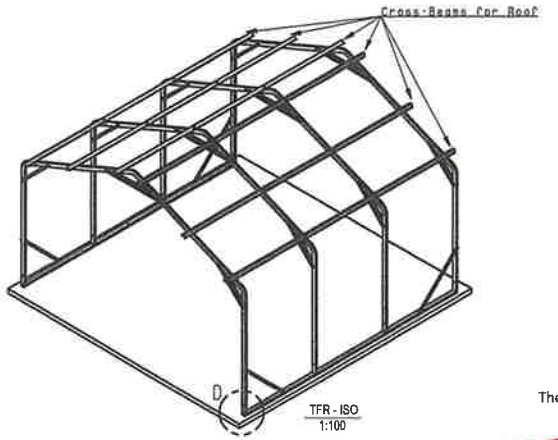
ROCKHAMPTON REGIONAL COUNCIL

APPROVED PLANS

These plans are approved subject to the current conditions of approval associated with

Development Permit No.: D/83-2024

Dated: 2 September 2024



APPROVED 2017.08.30

gamcorp
ISO 9001:2008 REGISTERED FIRM CERTIFICATE NO: SU122
www.gamcorp.com.au email melbourne@gamcorp.com.au
Suite 4 346 Ferntree Gully Road Notting Hill Victoria 3168
Ph: +61 3 95432211 Fax: +61 3 95434046

ROCKHAMPTON REGIONAL COUNCIL

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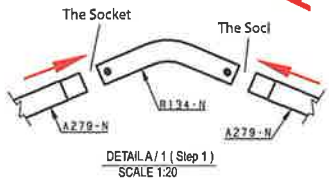

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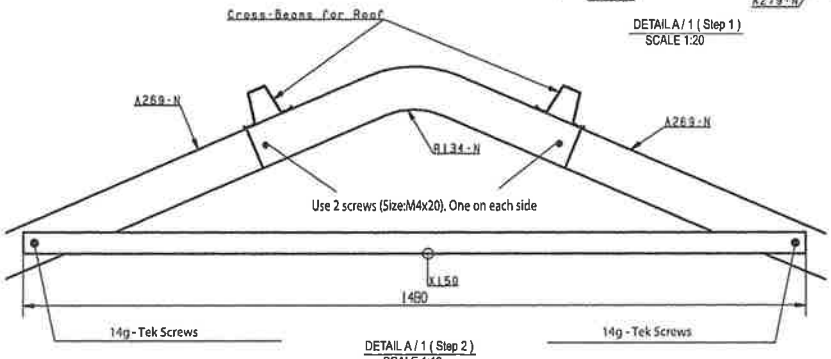

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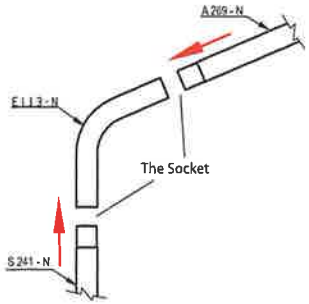

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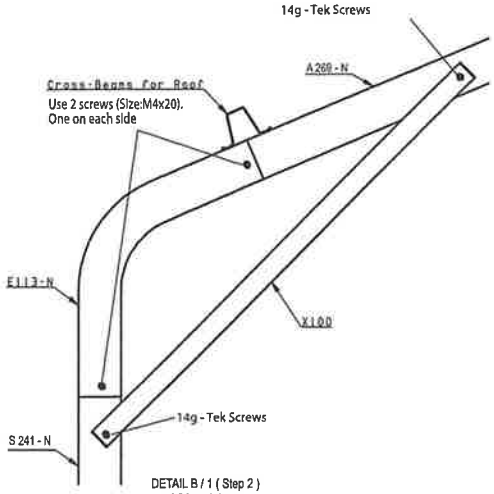

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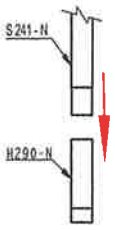

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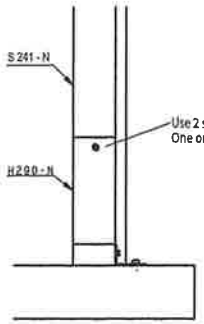

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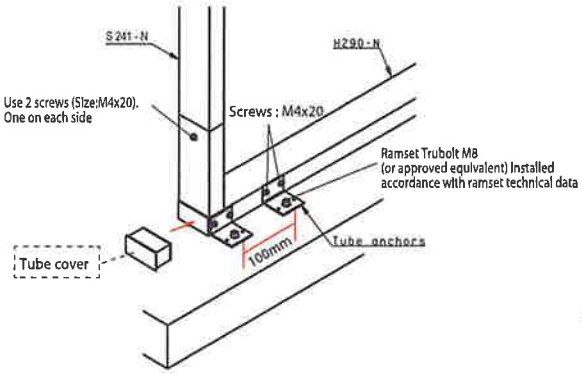

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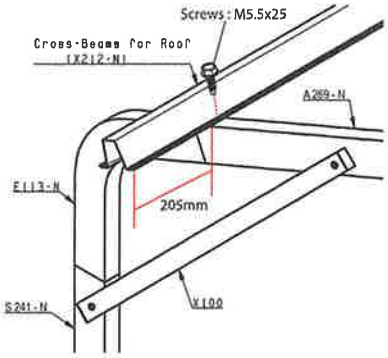

DETAIL E
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General Notes

No.	Revision/Issue	Date

MODEL: **ED6X61**

VERSION: 01
DATE: 2/8/2017
BY: Tim
Page 2 of 2

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218-220 Hammond Rd,
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Phone: (03) 9792 1170

MCE
McMurtrie Consulting Engineers

Engineering reimagined.

111 Port Curtis Road Port Curtis QLD 4700

Flood Statement

ROCKHAMPTON REGIONAL COUNCIL

APPROVED PLANS

These plans are approved subject to the current conditions of approval associated with

Development Permit No.: D/83-2024

Dated: 2 September 2024

DATE
20 June 2024

REF
R002-23-24-025

CLIENT
Kate Roycroft

Engineering reimagined.

Contact Information

McMurtrie Consulting Engineers Pty Ltd
ABN 25 634 181 294
Rockhampton Office
www.mcmengineers.com
(07) 4921 1780
mail@mcmengineers.com

Document Information

Prepared for	Kate Roycroft
Document Name	Flood Statement
Job Reference	R002-23-24-025
Revision	A

Document History

Revision	Date	Description of Revision	Prepared by	Name	Signature	RPEQ No
A	20/06/2024	Original Issue	T. Lisle	R. Bywater		23569

Engineering reimagined.

Contents

Appendices

1 Introduction

McMurtrie Consulting Engineers (MCE) have been engaged by Kate Roycroft to provide a Flood Statement report to support the proposed construction of a structure in the Flood Overlay zone. The site is located at 111 Port Curtis Road Port Curtis QLD 4700, on land described as Lots 13 and 14 on RP601511.

The proposed development includes:

- A 6.2m by 5.7m carport.

2 Flooding Assessment

2.1 Existing Conditions

The site is a single dwelling house on a large rural zoned lot.

The site is located within the Flood Hazard Overlay area as defined by the Rockhampton Regional Council (Council) Planning Scheme. Specifically, the proposed development is affected by the following overlay triggers:

- Fitzroy River Flood, category H4
- Local Catchment Flood, DFE

In order to assess the existing flooding characteristics at the site, a Flood Search was requested from RRC, which has been attached in Appendix C. The results of the flood search have been summarised in Table 1.

Table 1 - Summary of Flood Search Results

	Fitzroy River Flooding				Local Catchment Flooding			
	Level (m AHD)		Velocity (m/s)		Level (m AHD)		Velocity (m/s)	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1% AEP	8.31	8.37	0.10	0.39	6.72	6.85	0.00	0.07
2% AEP	7.93	7.98	0.10	0.33	6.69	6.81	0.00	0.07
5% AEP	7.33	7.39	0.07	0.29	N/A	N/A	0.01	0.06
10% AEP	N/A	N/A	N/A	N/A	N/A	N/A	0.01	0.06
18% AEP	N/A	N/A	N/A	N/A	6.62	6.63	0.01	0.05
39% AEP	N/A	N/A	N/A	N/A	6.58	6.59	0.01	0.05

Based on the expected ground surface level at the location of the proposed development, 7.00m AHD, the expected range of flooding depths are presented in Table 2.

Table 2 - 1% AEP Flooding Depths

	Fitzroy River Flooding		Local Catchment Flooding	
	Depth (m)		Depth (m)	
	Min.	Max.	Min.	Max.
1% AEP	1.31	1.37	0	0

Figure 1 - Site Layout Plan

2.2 Flood Impact

The results of the flood search indicate that the flooding event is slow moving, riverine flooding, and is typically indicative of overbank or backwater flooding. Some areas of the site experience significant depths of flooding, being up to 1.99m in depth with an expected velocity of 0.07m/s to 0.45m/s. The local catchment event does not impact the carport.

With reference to the Australian Disaster Resilience Handbook *Guideline 7-3 Flood Hazard*, the flooding at the location of the proposed development would be categorised as H4 flooding, which typically means that it is unsafe for people and vehicles.

Given the proposed structure is a freestanding carport supported by narrow steel columns on a slab of concrete, it should not be impacted by the flooding. There will be no increase in risk to people, vehicles or infrastructure as a result of the proposed development.

2.3 Emergency Management Procedure

Given the dominant form of flooding that affects the site is riverine (Fitzroy River flooding) in nature, significant warning time can be expected due to the size of the basin catchment.

The occupants of the dwelling on the site should monitor the Bureau of Meteorology website prior to and during extended rainfall events in order to ensure they are prepared to evacuate the site if needed. All stored items should be moved to ground that is above the flood zone, as well as the site cleaned of debris that could otherwise impact neighbouring properties.

Following the event, the occupants should wait until given advice from the relevant authorities that it is safe to return to the site.

3 Conclusion

The proposed development is a carport structure in the Flood Overlay zone located at 111 Port Curtis Road Port Curtis QLD 4700, on land described as Lots 13 and 14 on RP601511. The development is not expected to result in a material increase in flood level or flood hazard upstream, downstream or adjacent to the site.

3.1 Qualifications

This flood statement has been prepared by MCE to support a Building Works Assessable Against the Planning Scheme application, for a proposed structure located within the Flood Hazard Overlay zone.

The analysis and overall approach were specifically catered to the requirement of this project and may not be applicable beyond this scope. For this reason, any other third parties are not authorised to utilise this report without further input and advice from MCE.

Appendix A: Flood Hazard Overlay Code Responses

Table 3 - RRC Flood Hazard Overlay Code Table 8.2.8.3.1

Performance Outcomes	Acceptable Outcomes	Responses
Development in Fitzroy River flood areas - H1 (low hazard area) or H2 (medium hazard area) or North Rockhampton flood management area or Local catchment flood - planning area 2 Editor's note—Refer to overlay maps OM-8A and OM-8C		
PO1 Development (including extensions) for non-residential purposes is able to provide a safe refuge for people and for the storage of goods during times of flood inundation.	**AO1.1** For non-residential development, at least thirty (30) per cent of the gross floor area of all new buildings and structures is located a minimum of 500 millimetres above the defined flood level. Editor's note—Areas less than those nominated above may be supported where accompanied by a flood impact report in accordance with SC6.10—Flood hazard planning scheme policy. **AND** **AO1.2** A report from a registered professional engineer of Queensland certifies that the development in the flood area will not result in a material increase in flood level or flood hazard on upstream, downstream or adjacent properties.	**AO1.1** Complies - while the development is for a non-residential purposes, it will not serve as a refuge in a flooding event and therefore there is no need to be above the DFL. **AO1.2** Complies - as provided in this document.

PO2 Development is located to minimise susceptibility to and potential impacts of flooding.	**AO2.1** For residential uses the finished floor levels of all habitable rooms shall be constructed a minimum of 500 millimetres above the defined flood level. **AND** **AO2.2** A report from a registered professional engineer of Queensland certifies that the development in the flood area will not result in a material increase in flood level or flood hazard on upstream, downstream or adjacent properties. Editor's note—Report to be prepared in accordance with SC6.10—Flood hazard planning scheme policy.	**AO2.1** Not Applicable - not for a residential use. **AO2.2** Complies - as provided in this document.
PO3 Development avoids the release of hazardous materials into floodwaters.	**AO3.1** All hazardous materials and hazardous manufacturing equipment and hazardous containers are located and stored a minimum of 500 millimetres above the defined flood level. Editor's note—Refer to the Work Health and Safety Act 2011 and associated regulation, the Environmental Protection Act 1994 and the relevant building assessment provisions under the Building Act 1975 for requirements related to the manufacture and storage of hazardous substances.	**AO3.1** Will Comply - no hazardous materials or manufacturing equipment will be stored on the site.

Table 4 - RRC Flood Hazard Overlay Code Table 8.2.8.3.1

Performance Outcomes	Acceptable Outcomes	Responses
Development in Fitzroy River flood areas - H3-H4 (high hazard areas) or H5-H6 (extreme hazard areas) or Local catchment flood - planning area 1		
Editor's note—Refer to overlay maps OM-8A and OM-8C		

PO4 Development does not involve the further intensification of land uses and does not increase the risk to people and property. Editor's Note—Flood hazard risk assessment can be undertaken in accordance with SC6.10 — Flood hazard planning scheme policy.	**AO4.1.1** Development does not involve new buildings or structures. **OR** **AO4.1.2** Where involving the replacement or alteration to an existing non-residential building or structure: (a) there is no increase in the existing or previous buildings' gross floor area; and (b) the finished floor level of any replacement or alteration to an existing building is constructed a minimum of 500 millimetres above the defined flood level. **OR** **AO4.1.3** Where involving the replacement or alteration to an existing caretaker's accommodation, dwelling house or dwelling unit: (a) there is no increase in the number of dwellings; (b) there is no increase in the existing or previous buildings' gross floor area; and (c) the finished floor level of all habitable rooms shall be constructed a minimum of 500 millimetres above the defined flood level. **AND** **AO4.1.4** Where located in the rural zone, the total floor area of class 10a buildings and structures on the site do not exceed a total of fifty (50) square metres, and	**AO4.1.1** Complies - the proposed structure is located outside the relevant overlay area. **AO4.1.2** Not Applicable. **AO4.1.3** Not Applicable. **AO4.1.4** Not Applicable. While the site is in the rural zone, the size of the lot does not allow for a 20m setback. The area of the structure is less than 50m2.

	are set back a minimum of twenty (20) metres from all site boundaries.	
PO5 Development avoids the release of hazardous materials into floodwaters.	**AO5.1** Materials manufactured, used or stored on site are not hazardous in nature.	**AO5.1** Will Comply = no hazardous materials or manufacturing equipment will be stored on the site.

Table 5 - RRC Flood Hazard Overlay Code Table 8.2.8.3.1

Performance Outcomes	Acceptable Outcomes	Responses
Development in floodplain investigation area Editor's note—Refer to overlay map overlay map OM-8B		
PO6 Development is located to minimise susceptibility to and potential impacts of flooding. Editor's note—The floodplain investigation area is mapping supplied by the Queensland Reconstruction Authority for possible flood affected areas, where local verification is yet to be completed. A flood hazard assessment in accordance with SC6.10 – Flood hazard planning scheme policy can be undertaken to verify the potential risk of a flood event occurring.	**AO6.1** Development does not involve new buildings or structures.	**AO6.1** Not applicable = not within the floodplain investigation area.
PO7 Development avoids the release of hazardous materials into floodwaters.	**AO7.1** Materials manufactured, used or stored on site are not hazardous in nature.	**AO7.1** Not applicable = not within the floodplain investigation area.

Table 6 - RRC Flood Hazard Overlay Code Table 8.2.8.3.2

Performance Outcomes	Acceptable Outcomes	Responses
Development in Fitzroy River flood area - all hazard areas, North Rockhampton flood management area or Local catchment flood - all planning areas		
Editor's note—Refer to overlay maps OM-8A and OM-8C		
PO8 Development is located to minimise susceptibility to and potential impacts of flooding.	No acceptable outcome is nominated.	**PO8** Complies - the proposed structure has been sited on the highest area of available ground.
PO9 Underground car parks are designed to prevent the intrusion of floodwaters.	**AO9.1** Development with underground car parking is designed to prevent the intrusion of floodwaters by the incorporation of a bund or similar barrier a minimum of 500 millimetres above the defined flood level.	**AO9.1** Not Applicable - no underground car parking proposed.

PO10

Development:

(a) does not result in any reduction of onsite flood storage capacity; or

(b) does not result in any change to depth, duration or velocity of floodwaters within the premises; and

(c) does not change flood characteristics outside the premises, including but not limited to causing:

a. loss of flood storage; or

b. loss of or changes to flow paths; or

c. acceleration or retardation of flows; or

d. any reduction in flood warning times elsewhere on the floodplain.

No acceptable outcome is nominated.

PO10

Complies - the proposal does not result in a loss of flood storage, increase in depth/velocity and does not change the characteristics of flooding.

Editor's note—Council may require the applicant to submit a site-based flood study that investigates the impact of the development on the floodplain and demonstrates compliance with the relevant performance outcome.

PO11

Essential community infrastructure and community facilities are protected from, and able to function effectively during and immediately after, a defined flood event.

AO11.1

A use for a purpose listed in Table 8.2.8.3.3:

(a) is not located within the flood hazard area; and

(b) has at least one (1) flood free access road.

AO11.1

Not Applicable - not for a use listed in the table.

PO12

Development provides safe and trafficable access to the local evacuation centres and evacuation services and have regard to:

(a) evacuation time;
(b) number of persons affected;
(c) types of vehicles necessary for evacuation purposes;
(d) the distance to flood free land; and
(e) the evacuation route.

AO12.1

Trafficable access to and from the development complies with the Capricorn Municipal Guidelines.

AND

AO12.2

Trafficable access to and from the development within the local catchment planning areas are in accordance with the Queensland Urban Drainage Manual.

Note—Trafficable access for emergency services or community related uses is obtained from at least one (1) route (minor collector or higher) for emergency services purposes. The development is to ensure that safe access, to the road network between the development site and the closest centre zone, is provided.

Editor's note—Trafficable access requirements for local catchment planning areas has not been identified and reference has been made to the provisions under the Queensland Urban Drainage Manual. This is due to the short period that property may be isolated.

AO12.1

Complies - direct access to Port Curtis Road is available.

AO12.2

Complies - direct access to Port Curtis Road is available.

Table 7 - RRC Flood Hazard Overlay Code Table 8.2.8.3.2

Performance Outcomes	Acceptable Outcomes	Responses
Development in Fitzroy River flood areas - H3-H4 (high hazard areas) or H5-H6 (extreme hazard areas), North Rockhampton flood management area or Local catchment flood - planning area 1 Editor's note—Refer to overlay maps OM-8A and OM-8C		
PO13 Development that involves temporary or moveable residential structures (for example caravan parks and camping grounds) are not located with the Fitzroy River high and extreme hazard areas, North Rockhampton flood management area and Local catchment planning area 1.	No acceptable outcome is nominated.	**PO13** Complies - does not include temporary or movable structures.

Table 8 - RRC Flood Hazard Overlay Code Table 8.2.8.3.2

Performance Outcomes	Acceptable Outcomes	Responses
Reconfiguring a lot		
Development in Fitzroy River flood area - all hazard areas, North Rockhampton flood management area or Local catchment flood - all planning areas Editor's note—Refer to overlay map OM-8A and OM-8C		
PO14 Development does not result in the creation of additional lots.	**AO14.1** Reconfiguring a lot does not result in new lots.	**AO14.1** Not Applicable - not an ROL

Table 9 - RRC Flood Hazard Overlay Code Table 8.2.8.3.2

Performance Outcomes	Acceptable Outcomes	Responses
Development in floodplain investigation area Editor's note—Refer to overlay map OM-8B		
PO15 Development provides vehicle access to a road network that is sufficient to enable safe access. Editor's note—The floodplain investigation area is mapping supplied by the Queensland Reconstruction Authority for possible flood affected areas, where local verification is yet to be completed. A flood hazard assessment in accordance with SC6.10 – Flood hazard planning scheme policy can be undertaken to verify the potential risk of a flood event occurring.	No acceptable outcome is nominated.	**PO15** Not applicable - not within the floodplain investigation area.

PO16 Onsite access is provided to a building envelope or fill area in which a building is to be constructed. The access is located on land classified as a low flood hazard in the defined flood event.	**AO16.1** Onsite access is provided to a building envelope or fill area in which a building is to be constructed. The access is located on land classified as a low flood hazard in the defined flood event. Editor's note—For the purposes of the above requirements in respect of an access area or a road which provides access to the development a low flood hazard means: (a) inundation is a maximum depth of 300 millimetres during events up to and including the defined flood event; (b) inundation extends for a maximum distance of 200 metres during events up to and including the defined flood event; and (c) The product of velocities and depth does not exceed D*V=0.4m2/s.	**AO16.1** Not applicable - not within the floodplain investigation area.

Table 10 - RRC Flood Hazard Overlay Code Table 8.2.8.3.2

Performance Outcomes	Acceptable Outcomes	Responses
Operational work		

PO17

Development does not materially impede the flow of floodwaters through the site or worsen flood flows external to the site.

AO17.1

Development does not involve:

(a) filling with a height greater than 100 millimetres; or
(b) block or solid walls or fences; or
(c) garden beds or other structures with a height more than 100 millimetres; or
(d) the planting of dense shrub hedges.

PO17

Complies - no material impedance of flow expected or worsening of flood flows external to the site expected.

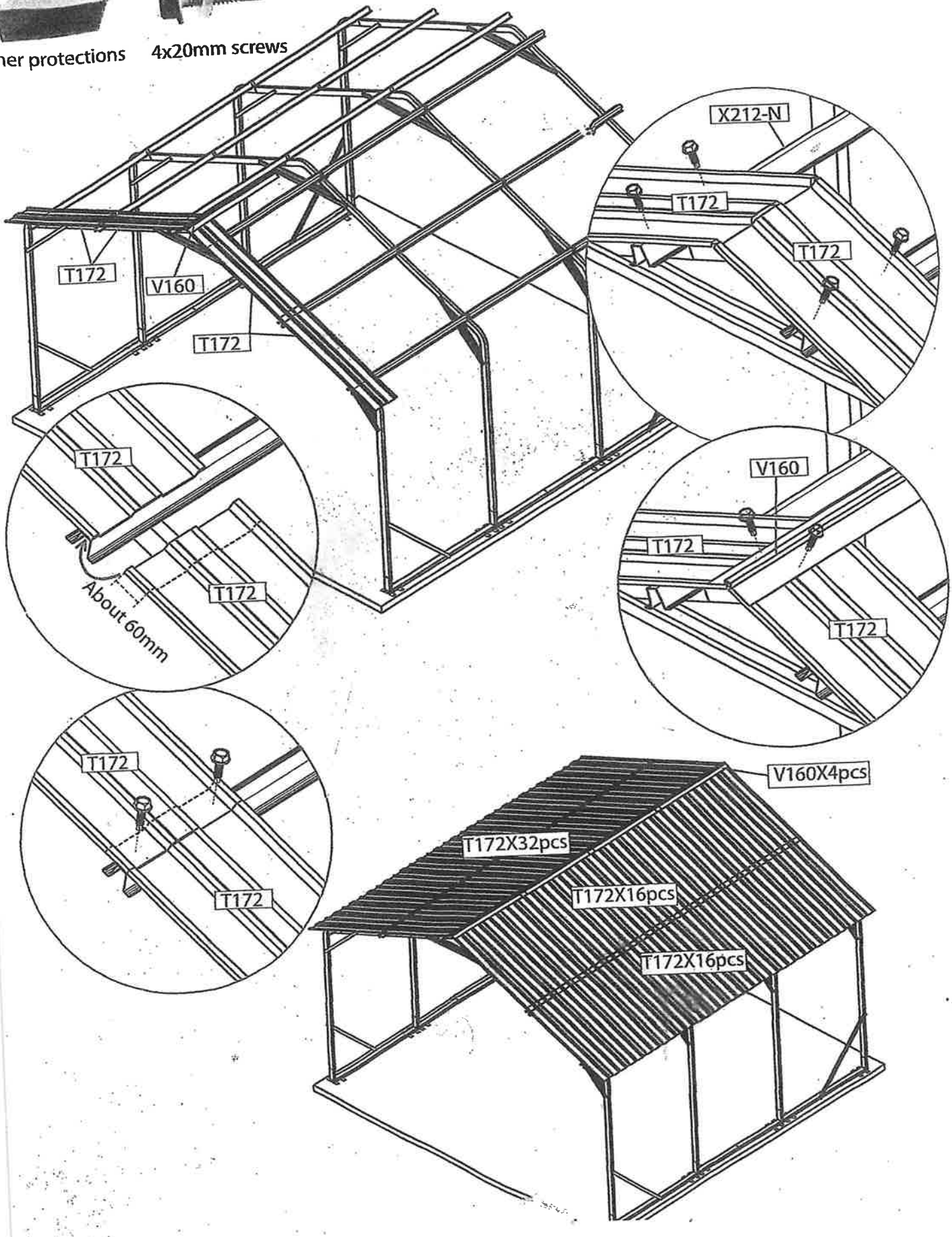
Appendix B: Site Layout & Structure Plans

REFER TO ATTACHMENT

STEP 5: Building the Roof Sheets

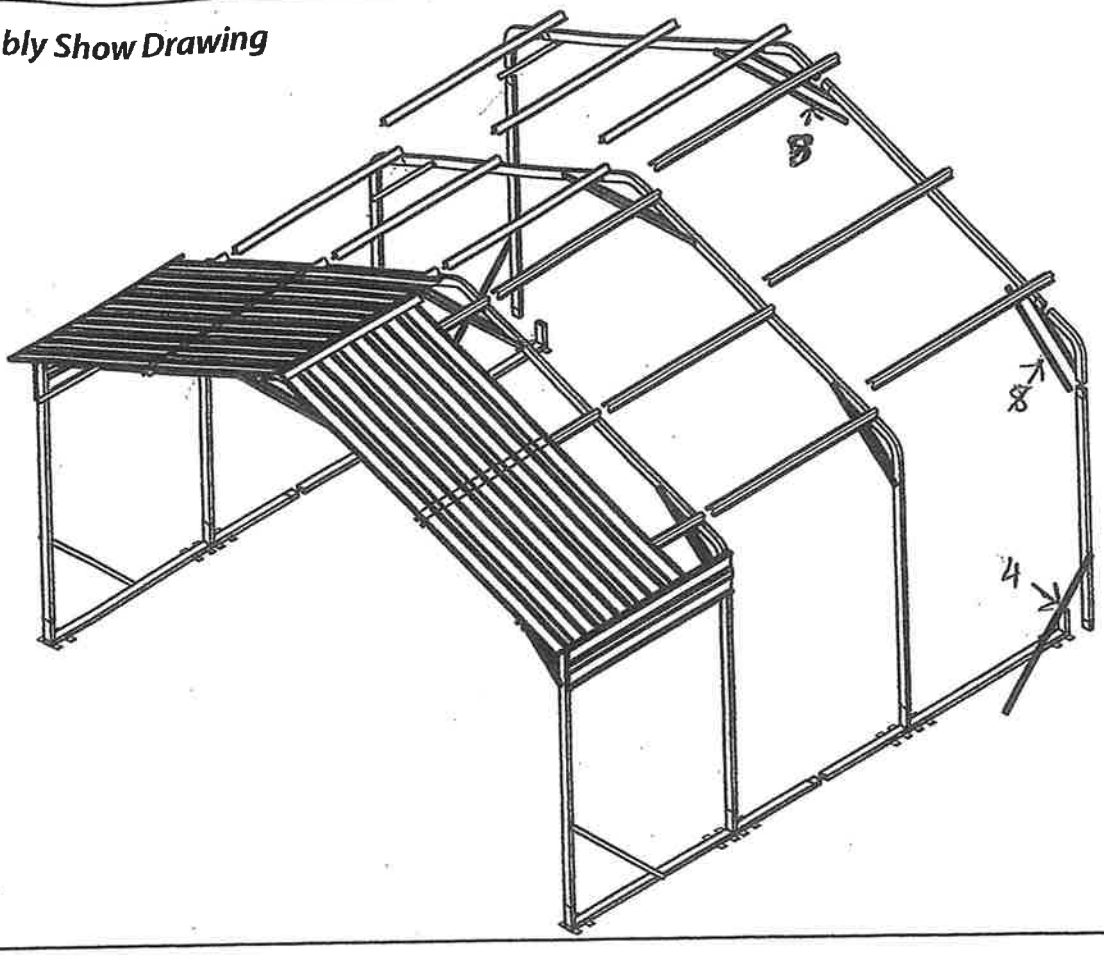
orner protections

4x20mm screws



STEP 3: Structure drawing and Explosive view

Assembly Show Drawing



STEP 4: Building the Foundation Kits

Assemble the Foundation kits

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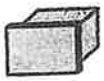
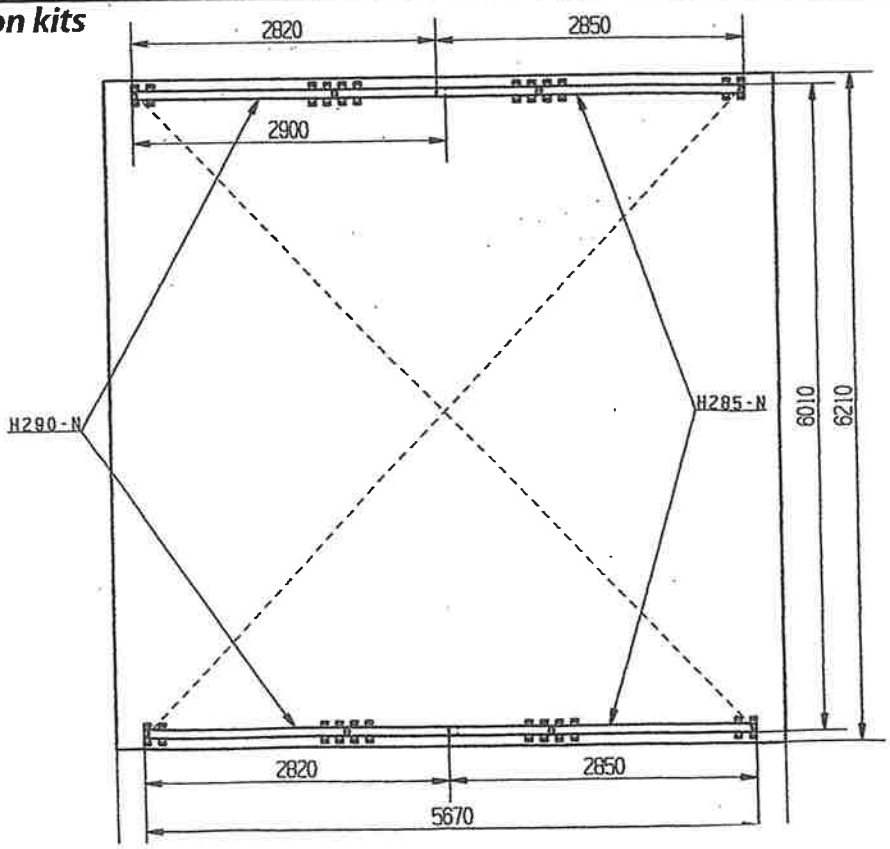


40x80 Tube covers



Appendix C: Flood Search Report

REFER TO ATTACHMENT

Rockhampton Office
232 Bolsover St, Rockhampton
Gracemere Office
1 Ranger St, Gracemere
Mount Morgan Office
32 Hall St, Mount Morgan

27 May 2024

Your Ref: -
Telephone: 07 4936 8099
Email: developmentadvice@rrc.qld.gov.au

McMurtrie Consulting Engineers
63 Charles Street
BERSERKER QLD 4701

Dear Sir / Madam

FLOOD INFORMATION REQUEST FOR 111 PORT CURTIS ROAD, PORT CURTIS QLD 4700 DESCRIBED AS LOTS 13 AND 14 ON RP601511

Council is in receipt of your application dated 27 May 2024 requesting flood information for 111 Port Curtis Road, Port Curtis, more properly described as Lots 13 and 14 on RP 601511.

Please find attached a Flood Search Property Report for your reference. The purpose of this report is to provide flood level information to support the application of Council's planning scheme Flood Hazard overlay code, floodplain planning provisions, and applicable flood planning levels.

Council records show that the abovementioned property parcels are identified as being at risk of flood in a 1% AEP Fitzroy River and/or Local Storm / Overland Flow flooding event. Annual Exceedance Probability (AEP) is the probability of a flood event of a given magnitude being equalled or exceeded in any one year. A 1% AEP event means there is statistically a 1% (or 1 in 100) probability that an event of that magnitude will occur or be exceeded in any year.

The design flood level information contained within this report provide water surface levels for a range of typical planning and development design standards. The flood planning level for most development in the Flood Hazard overlay area is the Defined Flood Event (DFE). Council has adopted a DFE of 1% AEP as a planning standard for the management of development in Rockhampton Region. As such, for most development types - the floodplain planning provisions of Council's planning scheme apply relative to the 1% AEP defined flood event. Exceptions apply for critical infrastructure. The Defined flood event may change as Council undertakes further flood risk analysis and profiling as part of its long-term floodplain management planning for the catchment.

The flood levels contained within this flood search report have been sourced from Council's adopted flood modelling and flood study at this location and are based on the best available information at the time of completing the study. The flood levels are measured in metres Australian Height Datum (mAHD), where mean sea level is approximately zero (0) mAHD.

Council is committed to providing residents with the most up to date flood risk information. The current flood study for this catchment area has assessed flood risk for a number of flood events including rare flood events greater than the 1%AEP flood, to provide a better understanding of the flood behaviour in the catchment. As such, the flood search report contains flood levels for flood events such as the 0.2%AEP (1 in 500-year AEP), 0.05% AEP (1 in 2000-year flood event), and the PMF (probable maximum flood). This information is being provided for completeness and may not be applicable for development assessment purposes.

Please note: All reasonable steps have been undertaken to ensure the information presented in this report is accurate at the time of generation. Changes to the topography and condition of the local creeks and waterways may have an impact on flooding. Over time, Council may also undertake further technical studies to maintain the understanding of flooding across the city and update the information available.

Should you have any queries regarding this information please contact Council's Development Engineering section using the contact information above.

Yours faithfully

Mohit Paudyal
Senior Development Engineer
Planning and Regulatory Services

Enc Flood Search Property Report and Flood Property Map

Rockhampton Regional Council Flood Search Property Report

Property Address:	**111 Port Curtis Road, Port Curtis QLD 4700**
Lot Details:	**Lots 13 and 14 on RP601511**
Date of Issue:	**27 May 2024**

Rockhampton Regional Council

Flood Search Property Report Overview

It is possible for one or more sources of flooding to occur, especially where a property is near a creek or waterway. These flooding sources can include riverine, creek and overland flow flooding which can each behave differently and impact how a building or development is designed. All flood hazard triggers should be considered when designing and planning with flooding in mind.

The Rockhampton Regional Council Flood Search Report is provided to support planning and development, in accordance with the current version of the Rockhampton Region Planning Scheme 2015.

This report summaries flood information for this property to inform and supplement the application of the Council's planning scheme Flood Hazard overlay code, floodplain planning provisions, and the applicable flood planning levels. The contents of this report have been derived from Council's flood studies and flood modelling and should be considered along with all other applicable planning and development requirements. Flood studies and associated modelling assist Council to better understand flooding in the Rockhampton region and implement plans to avoid and mitigate its impacts on the community.

Flood modelling of the Fitzroy River has been progressively refined over a long period of time. The flood modelling addresses riverine impacts on Rockhampton City and surrounding areas, including Alton Downs, Pink Lily, Nine Mile, Fairy Bower, Midgee and Port Curtis. Local Creek and Catchment Flood Studies provide Council with information on flood behaviour of the creeks, and how they are expected to respond during varying intensities and durations of rainfall events.

Understanding your flood risk can help you prepare for flooding at your home or business. The information provided in this report utilises information from the most up to date flood studies available to Council at the date of issue of this report. All reasonable steps have been undertaken to ensure the information presented in this report is accurate at the time of generation. Changes to the topography and condition of the local creeks and waterways may have an impact on flooding. Over time, Council may undertake further technical studies to maintain the understanding of flooding across the city and update the information available.

Copies of Council's current Flood Studies are available on Council's website at www.rrc.qld.gov.au

What is flood modelling?

Flood modelling uses sophisticated computer software to estimate how rainfall of various intensities and duration produce stormwater flows along creek and river catchments.

Flood modelling is used to estimate:

- The inundation extents of the areas that may be flooded;
- The peak depths of flood waters; and
- The hazard related to the depth of water or how quickly the water flows (velocity).

Flood modelling estimates a range of design floods based on a statistical analysis of rainfall information provided by the Bureau of Meteorology. This information is used to establish the likelihood of a rainfall or flood event.

When reading this report, please consider:

- If a property is identified as being at risk of being affected by Fitzroy River and/ or Local Creek Catchment flooding, the highest maximum flood heights should be used to establish minimum building and development levels. For large property parcels - there may be a significant difference between the minimum and maximum flood heights for a particular flood type. In these situations, you may need to seek further advice from Council regarding the flood height that is appropriate for the exact location of the proposed building or development.
- The flood maps included with this report display the flood inundation extent only. All maps generated from the Flood Studies are available on Council's website.
- The flood maps provided depict the flood inundation extents under existing climate and catchment conditions.
- If preparing a new building and/or development application, it is recommended that you confirm all flood related provisions within Council's Planning Scheme relevant to the property.

Property Details

Address: **111 Port Curtis Road, Port Curtis QLD 4700**
Lot and plan: Lots 13 and 14 on RP601511

Property Ground Levels:

Property ground levels can be found on the attached property flood report. The ground level data has been sourced from Aerial LiDAR survey, and as such, these levels are approximate.

Should the extent of flooding at a property need to be more accurately predicted, then individual property level information (e.g. surveyed site levels, and building floor levels) could be utilised in conjunction with Council's flood information. Council does not undertake this level of investigation or survey on behalf of property owners.

For your information:
AHD (Australian Height Datum) is the National Mapping Datum used throughout Australia. The level of 0.0m AHD is approximately mean sea level.

Elevation Data Source: The digital elevation model used in the flood modelling is generated on a regional scale and utilises ground level elevations from aerial laser surveys performed in2016. The survey data used to determine the extent and depth of potential inundation is captured and updated periodically and may not reflect inundation of land that has recently been modified, such as a new subdivision that has changed the existing landform.

Flood Information

Riverine Flood: Affected

The property is identified as being at risk of flooding from the Fitzroy River. A property flood report displaying the 1% AEP (Annual Exceedance Probability) flood extent on the property is attached. Planning and development must consider risk to people and property, natural floodplain characteristics, and flood free/low flood hazard access outcomes during a river flood event.

For your information:
AEP (Annual Exceedance Probability) is the probability of a flood event of a given size occurring or being exceeded in any one year. Information in relation to more or less likely floods and the full flood plain extent can be accessed on Council's website.

Local Storm / Overland Flow Flood: Affected

The property is identified as being at risk of flooding from Local Storm / Overland Flow flooding. The attached map displays the 1% AEP flood extent on the property due to the Local Storm / Overland Flow Flooding. Planning and development must consider risk to people and property, natural floodplain characteristics, and flood free/low flood hazard access outcomes during local storm and overland flow flood events.

For your information:
AEP (Annual Exceedance Probability) is the probability of a flood event of a given size occurring or being exceeded in any one year. Information in relation to more or less likely floods and the full flood plain extent can be accessed on Council's website.

Flood Report for 111 Port Curtis Road Port Curtis QLD 4700

Printed from GeoCortex on 27/05/2024

Owners: J Roycroft and K J Roycroft

Ratepayer Address: 111 Port Curtis Rd PORT CURTIS QLD 4700

Parcel ID: RP601511/13

Land use: Single Dwelling

Riverine Catchment: Fitzroy River Flood Study

Creek Catchment: South Rockhampton Local Catchment Study 2018

Mitigation Area: N/A

Horizontal Datum: MGA 56, GDA 2020 Elevation / WSL: mAHD Velocity: m/sec

Comments

N/A

Riverine

PMF WSL Min:	11.95	AEP 2% WSL Min:	7.93
PMF WSL Max:	12.02	AEP 2% WSL Max:	7.99
PMF Velocity Min:	0.57	AEP 2% Velocity Min:	0.19
PMF Velocity Max:	0.94	AEP 2% Velocity Max:	0.39
AEP 0.05% WSL Min:	9.62	AEP 5% WSL Min:	7.33
AEP 0.05% WSL Max:	9.69	AEP 5% WSL Max:	7.40
AEP 0.05% Velocity Min:	0.39	AEP 5% Velocity Min:	0.11
AEP 0.05% Velocity Max:	0.64	AEP 5% Velocity Max:	0.24
AEP 0.2% WSL Min:	9.07	AEP 10% WSL Min:	*N/A*
AEP 0.2% WSL Max:	9.14	AEP 10% WSL Max:	*N/A*
AEP 0.2% Velocity Min:	0.33	AEP 10% Velocity Min:	*N/A*
AEP 0.2% Velocity Max:	0.56	AEP 10% Velocity Max:	*N/A*
AEP 0.5% WSL Min:	8.66	AEP 18% WSL Min:	*N/A*
AEP 0.5% WSL Max:	8.72	AEP 18% WSL Max:	*N/A*
AEP 0.5% Velocity Min:	0.29	AEP 18% Velocity Max:	*N/A*
AEP 0.5% Velocity Max:	0.50	AEP 18% Velocity Max:	*N/A*
AEP 1% WSL Min:	8.31	AEP 39% WSL Min:	*N/A*
AEP 1% WSL Max:	8.37	AEP 39% WSL Max:	*N/A*
AEP 1% Velocity Min:	0.07	AEP 39% Velocity Min:	*N/A*
AEP 1% Velocity Max:	0.45	AEP 39% Velocity Max:	*N/A*

Creek \ Local Catchment

PMF WSL Min:	*7.01*	AEP 5% WSL Min:	*N/A*
PMF WSL Max:	*7.02*	AEP 5% WSL Max:	*N/A*
PMF Velocity Min:	*0.01*	AEP 5% Velocity Min:	*0.00*
PMF Velocity Max:	*0.18*	AEP 5% Velocity Max:	*0.09*
AEP 0.05% WSL Min:	*6.86*	AEP 10% WSL Min:	*N/A*
AEP 0.05% WSL Max:	*6.89*	AEP 10% WSL Max:	*N/A*
AEP 0.05% Velocity Min:	*0.00*	AEP 10% Velocity Min:	*0.01*
AEP 0.05% Velocity Max:	*0.14*	AEP 10% Velocity Max:	*0.09*
AEP 0.2% WSL Min:	*6.80*	AEP 18% WSL Min:	*6.62*
AEP 0.2% WSL Max:	*6.86*	AEP 18% WSL Max:	*6.62*
AEP 0.2% Velocity Min:	*0.00*	AEP 18% Velocity Min:	*0.01*
AEP 0.2% Velocity Max:	*0.13*	AEP 18% Velocity Max:	*0.06*
AEP 0.5% WSL Min:	*6.73*	AEP 39% WSL Min:	*6.58*
AEP 0.5% WSL Max:	*6.83*	AEP 39% WSL Max:	*6.59*
AEP 0.5% Velocity Min:	*0.00*	AEP 39% Velocity Min:	*0.01*
AEP 0.5% Velocity Max:	*0.12*	AEP 39% Velocity Max:	*0.04*
AEP 1% WSL Min:	*6.72*	AEP 63% WSL Min:	*6.57*
AEP 1% WSL Max:	*6.85*	AEP 63% WSL Max:	*6.57*
AEP 1% Velocity Min:	*0.00*	AEP 63% Velocity Min:	*0.01*
AEP 1% Velocity Max:	*0.14*	AEP 63% Velocity Max:	*0.02*
AEP 2% WSL Min:	*6.69*		
AEP 2% WSL Max:	*6.80*		
AEP 2% Velocity Min:	*0.00*		
AEP 2% Velocity Max:	*0.09*		

Property Elevation

Ground Elevation (Min): 6.38

Ground Elevation (Max): 7.05

Flood Report for 111 Port Curtis Road Port Curtis QLD 4700

Printed from GeoCortex on 27/05/2024

Owners: J Roycroft and K J Roycroft

Ratepayer Address: 111 Port Curtis Rd PORT CURTIS QLD 4700

Parcel ID: RP601511/14

Land use: Single Dwelling

Riverine Catchment: Fitzroy River Flood Study

Creek Catchment: South Rockhampton Local Catchment Study 2018

Mitigation Area: N/A

Horizontal Datum: MGA 56, GDA 2020 Elevation / WSL: mAHD Velocity: m/sec

Comments

N/A

Riverine

PMF WSL Min:	11.95	AEP 2% WSL Min:	7.93
PMF WSL Max:	12.02	AEP 2% WSL Max:	7.98
PMF Velocity Min:	0.60	AEP 2% Velocity Min:	0.10
PMF Velocity Max:	0.82	AEP 2% Velocity Max:	0.33
AEP 0.05% WSL Min:	9.62	AEP 5% WSL Min:	7.33
AEP 0.05% WSL Max:	9.69	AEP 5% WSL Max:	7.39
AEP 0.05% Velocity Min:	0.41	AEP 5% Velocity Min:	0.07
AEP 0.05% Velocity Max:	0.55	AEP 5% Velocity Max:	0.29
AEP 0.2% WSL Min:	9.07	AEP 10% WSL Min:	*N/A*
AEP 0.2% WSL Max:	9.13	AEP 10% WSL Max:	*N/A*
AEP 0.2% Velocity Min:	0.35	AEP 10% Velocity Min:	*N/A*
AEP 0.2% Velocity Max:	0.48	AEP 10% Velocity Max:	*N/A*
AEP 0.5% WSL Min:	8.66	AEP 18% WSL Min:	*N/A*
AEP 0.5% WSL Max:	8.72	AEP 18% WSL Max:	*N/A*
AEP 0.5% Velocity Min:	0.30	AEP 18% Velocity Max:	*N/A*
AEP 0.5% Velocity Max:	0.43	AEP 18% Velocity Max:	*N/A*
AEP 1% WSL Min:	8.31	AEP 39% WSL Min:	*N/A*
AEP 1% WSL Max:	8.37	AEP 39% WSL Max:	*N/A*
AEP 1% Velocity Min:	0.10	AEP 39% Velocity Min:	*N/A*
AEP 1% Velocity Max:	0.39	AEP 39% Velocity Max:	*N/A*

Property Elevation

Ground Elevation (Min):	6.31
Ground Elevation (Max):	7.13

Creek \ Local Catchment

PMF WSL Min:	*7.01*	AEP 5% WSL Min:	*N/A*
PMF WSL Max:	*7.02*	AEP 5% WSL Max:	*N/A*
PMF Velocity Min:	*0.01*	AEP 5% Velocity Min:	*0.01*
PMF Velocity Max:	*0.13*	AEP 5% Velocity Max:	*0.06*
AEP 0.05% WSL Min:	*6.86*	AEP 10% WSL Min:	*N/A*
AEP 0.05% WSL Max:	*6.88*	AEP 10% WSL Max:	*N/A*
AEP 0.05% Velocity Min:	*0.01*	AEP 10% Velocity Min:	*0.01*
AEP 0.05% Velocity Max:	*0.10*	AEP 10% Velocity Max:	*0.06*
AEP 0.2% WSL Min:	*6.80*	AEP 18% WSL Min:	*6.62*
AEP 0.2% WSL Max:	*6.86*	AEP 18% WSL Max:	*6.63*
AEP 0.2% Velocity Min:	*0.00*	AEP 18% Velocity Min:	*0.01*
AEP 0.2% Velocity Max:	*0.08*	AEP 18% Velocity Max:	*0.05*
AEP 0.5% WSL Min:	*6.73*	AEP 39% WSL Min:	*6.58*
AEP 0.5% WSL Max:	*6.85*	AEP 39% WSL Max:	*6.59*
AEP 0.5% Velocity Min:	*0.00*	AEP 39% Velocity Min:	*0.01*
AEP 0.5% Velocity Max:	*0.11*	AEP 39% Velocity Max:	*0.05*
AEP 1% WSL Min:	*6.72*	AEP 63% WSL Min:	*6.57*
AEP 1% WSL Max:	*6.85*	AEP 63% WSL Max:	*6.58*
AEP 1% Velocity Min:	*0.00*	AEP 63% Velocity Min:	*0.00*
AEP 1% Velocity Max:	*0.14*	AEP 63% Velocity Max:	*0.03*
AEP 2% WSL Min:	*6.69*		
AEP 2% WSL Max:	*6.81*		
AEP 2% Velocity Min:	*0.00*		
AEP 2% Velocity Max:	*0.07*		

ROCKHAMPTON REGIONAL COUNCIL

APPROVED PLANS

These plans are approved subject to the current conditions of approval associated with

Development Permit No.: D/83-2024

Dated: 2 September 2024

Site Plan – 111 Port Curtis Road

(As amended by council – 9 July 2024)