

CONCEPT SKETCH FOR "HERITAGE HALL" ON "J

This plan or specification accompanies the Decision Notice

E FLAT", CREEK STREET, ROCKHAMPTON NORTH

# STEELPAC

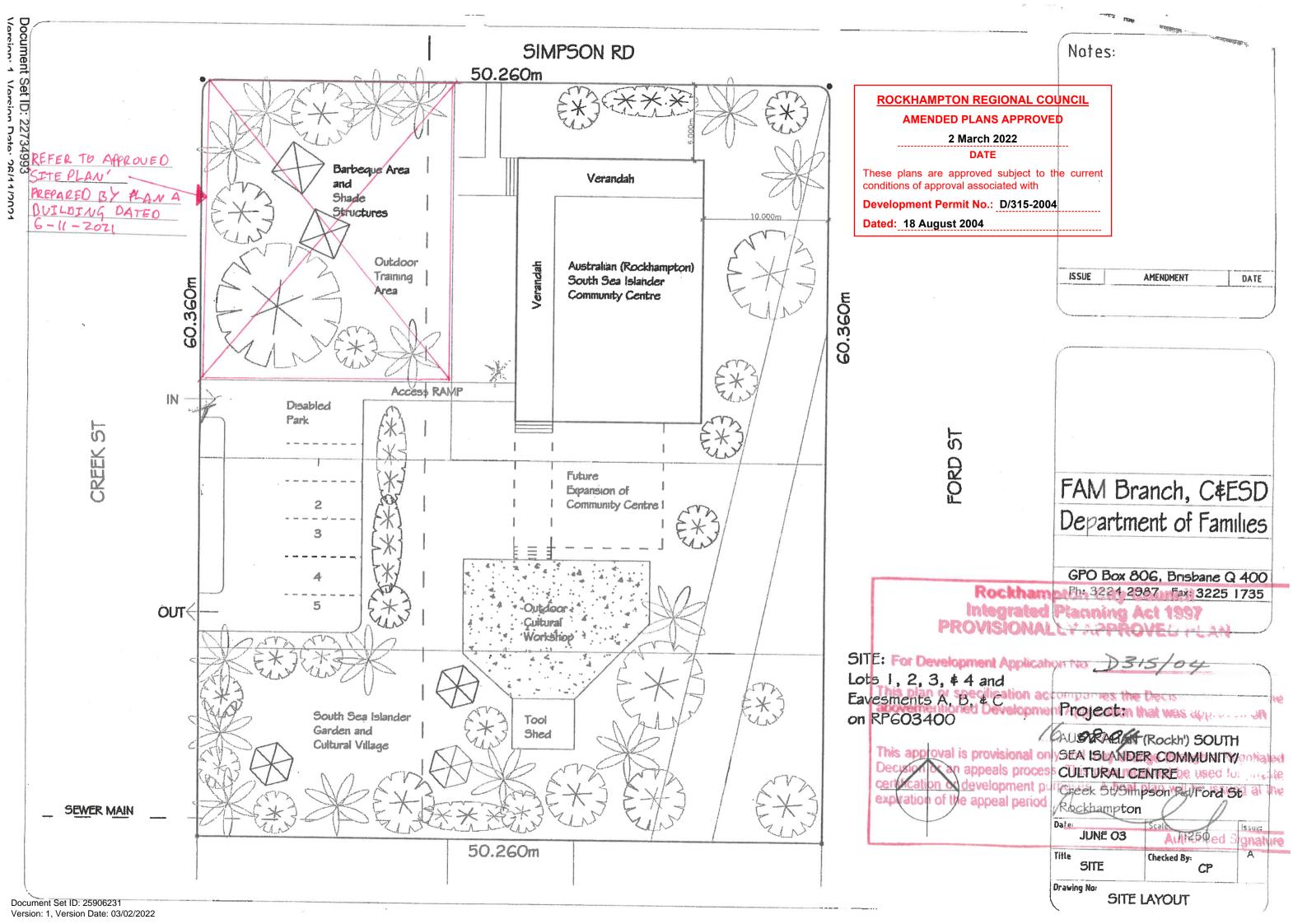
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This approval is provisional only and may change through a Negotiated 197-211 Kent Street, Rockhamptonpeals process plan must not be used

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14.4101111-SOLAN SEA 49 36 56 **ROCKHAMPTON REGIONAL COUNCIL AMENDED PLANS APPROVED** 15 APAJEK 2 March 2022 DATE COMMUNITY These plans are approved subject to the current PROJECT conditions of approval associated with **Development Permit No.: D/315-2004** 116 (3) 1.60 % Dated: 18 August 2004 Hany God decking. o Tensioned membione shade structures. 42 42 TV S 2) HTV 0006 140 4 5 301515 22163 Sections. WO 1:081,0 0615. 0606 0606 0915 יפאט 2200 3000 . This plan or specification accompanies the Decision of the Dec mcan. lights 2x36x Flooro hgists fans Decision or an appeals process. This plan must not be used to Double power point certification or development purposes. A final plan will be in expiration of the appeal period. Plan No. D315/2004/2 dated 18 March 2004 71 9 71



# ROCKHAMPTON REGIONAL COUNCIL

**AMENDED PLANS APPROVED** 

2 March 2022

DATE

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

**Development Permit No.: D/315-2004** 

Dated: 18 August 2004



# TRAFFIC REPORT FOR ROCKHAMPTON SOUTH SEA ISLANDER ASSOCIATION

PROPOSED COMMUNITY CENTRE
Creek Street
North Rockhampton

Prepared by:

Graham Scott & Associates Pty Ltd

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**January 2004** 030036

Rockhampton City Council Integrated Planning Act 1997
PROVISIONALLY APPROVED PLAN
For Development Application No. 23.13/04
This plan or specification accompanies the Decision Notice and agreementioned Development Application that was approved on the seminaval is provisional activities and appeals accompanies. This purposes the provision of the certification of development application that was approved on the seminary of the certification of development application of the parameters of the para



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		Documen	t Status		
Rev No.	Author	Reviewer	Approved for Issue		
			Name	Signature	Date
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# TRAFFIC REPORT FOR ROCKHAMPTON SOUTH SEA ISLANDER ASSOCIATION

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A TRAFFIC COUNT



#### 1.0 INTRODUCTION

This report was prepared to satisfy the Information Request for the Material Change of Use, for the construction of the proposed community centre at Creek Street, as required by Rockhampton City Council.

# 2.0 OBSERVATION AND DISCUSSION

The following items have been investigated:

- Expected number of vehicles visiting the proposed community centre,
- Daily volume of traffic along Creek Street,
- Expected peak times of vehicles visiting the proposed community centre,
- Impact of vehicles visiting the proposed centre.

The proposed community centre is intended to be located on the northern corner of Creek Street where Creek Street intersects with the unformed extension of Simpson Street. The only sealed access to Creek Street presently, is at the southern end via Leamington Street. The proposed community centre is designed to cater for small meetings two or three times a week with between 20-25 people in attendance with larger annual meetings attracting up to 50 people.

Trip generation to and from the proposed meeting place has been considered in accordance with the Department of Main Roads Publication "Road Planning and Design Manual – Chapter 2 Appendix A2". Using this manual, comparisons were made between this development and trip generation rates for a child care centre. These comparisons were made because of the lack of any case which closely resembles a community hall or similar meeting facility. From these comparisons we believe the following assumptions are reasonable.

Using the rate of 2 persons/vehicle, traffic generated by the proposed community centre during a meeting would be 12 vehicles, which calculates to 24 vehicle movements per meeting. The peak times for these vehicle movements would be in the evenings after working hours. These meetings would take place 2 to 3 times a week. Using the same occupancy rate of 2 persons/vehicle, any annual event that would attract up to 50 people would generate up to 25 vehicles, which calculates to 50 vehicle movements from the development. These peak vehicle movements would most likely be on weekends.



Creek Street currently has 10 houses which generate minimal traffic as Creek Street is not a through road. This is due to Simpson Street not being formed past Ford Street, so the only traffic that is being generated in Creek Street is from these local residents, (apart from vehicles which may "shortcut" through from Simpson Street). The unformed section of Simpson Street is still accessible (as an unofficial route) to residents of Creek Street and is used by some traffic coming from Simpson Street to Creek Street.

In January 2004 a traffic count was conducted from the hours of 7:00am to 9:00am and 3:00pm to 6:30pm. We believe that these times would coincide with peak traffic movements in Creek Street. These counts are attached as Appendix A. The results show that between peak times of 7:00am to 9:00am there were 12 traffic movements to and from Creek Street, which equates to approximately 4vph. Between 3:00pm and 6:30pm the results of the traffic count show that there were 21 vehicle movements to and from Creek Street, this equates to 6vph. These movements include traffic coming from both ends of Creek Street. The Leamington Creek Street intersection as well as the 'unofficial unformed' Simpson Street intersection at the northern end.

From the data collected during the traffic count it is clear that the existing traffic in Creek Street is very minimal. The only trips generated to and from the street are from the existing residences. The peak times of these trips are early in the morning and later in the afternoon due to people leaving and arriving home from work. The trips generated from the proposed meeting place are in the order of double the existing traffic movements in Creek Street, although these traffic movements will not coincide with the usual peak periods, nor adversely affect the current traffic in Creek Street as the current traffic movements are very low. Creek Street, as constructed, as an access street, currently has a potential capacity of 60 vph.

#### 3.0 CONCLUSION

As a result of this traffic study for the proposed community centre the following is a summary of our conclusions:

The expected number of vehicle movements generated by the community centre for weekly meetings is 24. These meetings would take place 2 or 3 times a week.

During the peak traffic times, the existing number of vehicle movements in Creek Street is 12 for the morning peak and 21 for the afternoon peak.

The peak times for traffic entering and leaving the proposed community centre are outside work hours and in the case of larger meetings on weekends.



The proposed community centre is expected to slightly increase the number of traffic movements in Creek Street but due to low existing traffic volumes generally have minimal impact on the surrounding area.

If you have any queries or for further information please contact Luke Hall of this office on 49 310777.



# APPENDIX A

Vehicles counted for 2 hours - Creek Street 030036 Date: 20/1/04

	Total	The state of the s	20
	Creek to Simpson	-	-
	Simpson to Creek	C	,
	From Creek to Leamington	7	
	From Leamington to Creek From		
The state of the s	Time (AM)	00.0 - 00.7	

Vehicles counted Date: 20/1/04	Vehicles counted for 2 hours - Creek Street 030036 Date: 20/1/04	9600				
Time (PM)	From Leamington to Creek From Creek to Leamington		Simpson to Creek	Creek to Simpson	Total	phone
3.00 to 4.00	0		<del></del>	0	2	77-7-1
4:00 to 5:00	2	м	ဇ	-	ත	-
5:00 to 6:00	4	8	2,	2	10	-
					4.0	-



## ROCKHAMPTON REGIONAL COUNCIL

AMENDED PLANS APPROVED

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# DRAINAGE REPORT FOR ROCKHAMPTON SOUTH SEA ISLANDER ASSOCIATION

PROPOSED COMMUNITY CENTRE
Creek Street
North Rockhampton

Prepared by:

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**January 2004** 030036





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Rev Author		Reviewer	Approved for Issue			
No.	D BC		Name	Signature	Date	
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REV 2 121297



# DRAINAGE REPORT FOR ROCKHAMPTON SOUTH SEA ISLANDER ASSOCIATION.

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#### **APPENDIXES**

A	SURVEY PLAN
В	CONTOUR INFORMATION
C	CATCHMENT AND STORMWATER CALCULATIONS FOR EASEMENT
D	EXISTING CATCHMENT & STORMWATER CALCULATIONS
E	PROPOSED CATCHMENT & STORMWATER



#### 1.0 INTRODUCTION

This report was prepared to address the Information Request for the Material Change of Use, for the construction of a Community Centre in Creek Street, as required by Rockhampton City Council.

#### 2.0 EXISTING EASEMENTS

The proposed community centre is to be located over four allotments that front onto Creek, Ford and Simpson Streets. Through these allotments runs an existing stormwater flowpath which is contained within a 5m wide drainage easement (refer Appendix A for the lot and easement boundaries). The catchment area for this flowpath extends north to the Robinson and west to Waterloo Street (refer Appendix C for the catchment plan). This drainage flowpath currently discharges into the downstream neighbouring allotments which are not covered by any easements. The flowpath flows through the neighbouring allotments until it crosses Creek Street via an existing 600mm diameter RCP. The roadway forms a weir that overtops during a major storm event to a depth RL 17.029. (refer Appendix C for the stormwater flow calculations).

Stormwater calculations for this flowpath have been calculated at a number of cross-sections along the easement. Based on these calculations the minimum finished floor level for this development is RL 18.000. This minimum finished floor level has a 500mm freeboard over the highest calculated water level of the cross-sections. (Refer Appendix C for calculations and cross sections.)

#### 3.0 EXISTING SYSTEM

The conversion of the existing allotments (Lots 1, 2, 3 & 4 on RP607839) into the proposed community centre will include the construction of a community centre, workshop and a 6 vehicle carpark. The existing allotments are currently divided into two separate catchments. Catchment A currently discharges into the neighbouring allotment through a natural flowpath towards the south-western corner of the property, until it discharges into Creek Street. Catchment B currently discharges into the existing drainage easements.

Existing Catchment	Q5 (l/sec)	Q100 (l/sec)
Discharge from the site towards Creek Street	84	141
Discharge from the site into the drainage easements	52	87
Total Discharge through the drainage easement		4426

WEY 2 72:337

1



The calculations of the flowrates for the existing catchments are attached as Appendix D.

#### 4.0 PROPOSED SYSTEM

The objective of this report is to demonstrate that the proposed stormwater management of rainfall events up to a 100 year ARI event ensure that the proposed development will result in no worsening of immunity to surrounding dwellings or infrastructure.

The proposed minor drainage system (10 year ARI event) has been split into two catchments, A and B. All proposed landscaped areas in both catchments are to be profiled to fall to either Creek Street or the existing drainage easements. The stormwater from the proposed car parking area will be collected and piped to Creek Street kerb & channel. The roofwater from the proposed community centre will be piped to the existing drainage easements. Similarly stormwater from the concrete Outdoor Cultural workshop will be piped to the existing drainage easements. During a major storm event the stormwater from catchment A will discharge into the Creek Street roadway and the stormwater from catchment B will discharge into the existing drainage easements.

The extra piped stormwater flow from the proposed development into the existing drainage easements is considered to be negligible compared to the flow in the easement from the wider catchment area.

By piping the concentrated minor stormwater flows and discharging to the sites legal points of discharge being Creek Street kerb & channel and the existing drainage easements, the surface flows from this allotment into the neighbouring allotments have been reduced, thus increasing the immunity for the surrounding properties.

The Calculations of flow rates from proposed catchments are attached as Appendix E.

Proposed Catchment	Q5 (l/sec)	Q100 (l/sec)
Overland flow to Creek St (A)	53	83
Piped discharge to Creek Street (A)	13	21
Overland discharge towards easements (B)	34	53
Roof water discharge to easements (B)	25	40
Discharge through easement from wider catchment		4426

# 4.0 SUMMARY



The proposed drainage system for the community centre has been designed to ensure that the stormwater immunity of the surrounding properties is not reduced.

This drainage report has been based on the preliminary design information supplied for the material change of use application. The final stormwater design strategy and the actual flows from the development may vary from this preliminary design.

In accordance with the Queensland Urban Drainage Manual, we believe that we have demonstrated that the proposed stormwater system will not diminish the stormwater immunity of the surrounding allotments.

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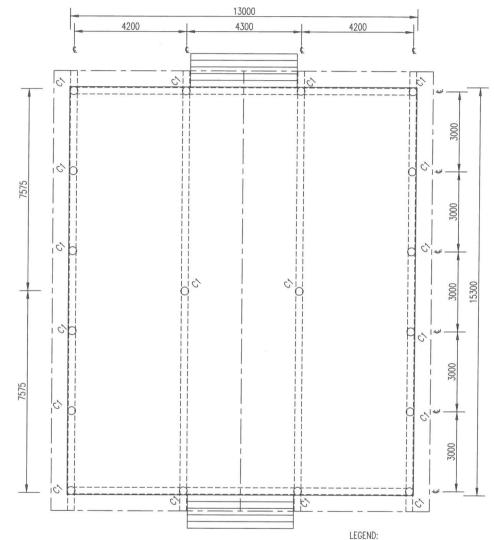


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Des Haughton, A.D.C.E., M.BDAQ, M.QMBA Phone (07) 49264003 ABN 31 412 306 218 Phone 0407760733

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QBCC. Lic. No. 57924



FLOOR PLAN

C1 .... 300° timber column from footings to carry roof

SOUTH SEA ISLANDER COMMUNITY ASSOCIATION INCORPORATED MENS SHED **PROJECT** SITE ADDRESS 70-72 SIMPSON STREET, BERSERKER. QLD. 4701

CLIENT ROCKHAMPTON SOUTH SEA ISLANDER COMM ASSOC INCOWNER CLIENT ADDRESS 70-72 SIMPSON STREET, BERSERKER. QLD. 4701 OWNERS ADDRESS

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#### **ROCKHAMPTON REGIONAL COUNCIL AMENDED PLANS APPROVED**

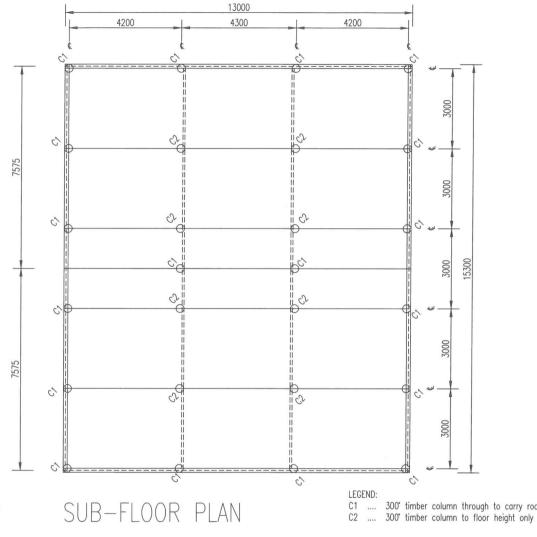
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C1 .... 300° timber column through to carry roof

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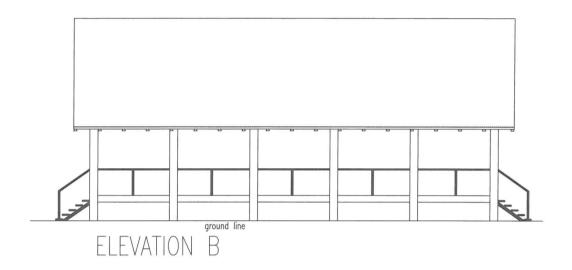
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JOB No: 1:100 21.79 6-11-2021 OF SHEET 2





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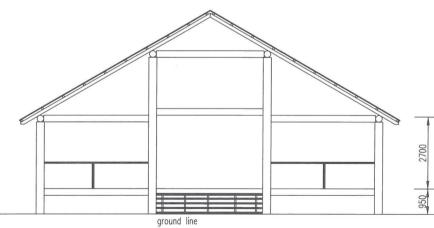
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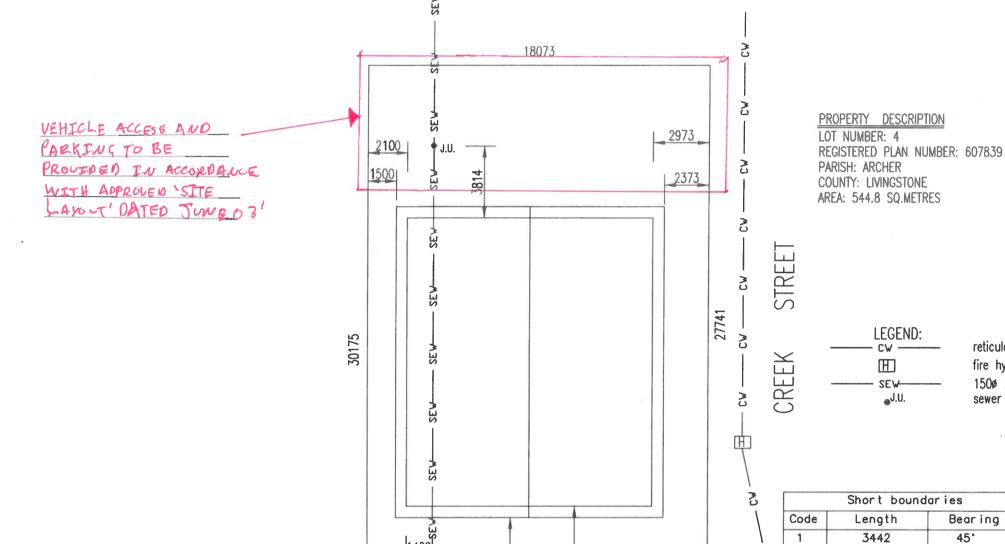
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SOUTH SEA ISLANDER COMMUNITY ASSOCIATION INCORPORATED MENS SHED **PROJECT** 70-72 SIMPSON STREET, BERSERKER. QLD. 4701 SITE ADDRESS

CLIENT ROCKHAMPTON SOUTH SEA ISLANDER COMM ASSOC INCOWNER CLIENT ADDRESS 70-72 SIMPSON STREET, BERSERKER. QLD. 4701 OWNERS ADDRESS

JOB No: 1:100 21.79 6-11-2021 SHEET 3 OF 4





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SITE PLAN

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SIMPSON STREET

SITE ADDRESS 70-72 SIMPSON STREET, BERSERKER. QLD. 4701
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CLIENT ROCKHAMPTON SOUTH SEA ISLANDER COMM ASSOC INCOWNER
CLIENT ADDRESS 70-72 SIMPSON STREET, BERSERKER. QLD. 4701 OWNERS ADDRESS

Al Haughton Scale

reticulated cold water supply

fire hydrant 150ø sewer line

sewer jump up

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