PUBLIC NOTIFICATION



Material Change of Use **Approval Sought:**

Office **Proposed Development:**

89 William Street, Rockhampton City Where:

and 189 and 197 Denison Street.

Rockhampton City

Lot 300 on R1675, Lot 234 on Lot Description:

CP892530, Lot 303 and 304 on

RP905533

Application Reference: D/135-2024

Make a submission from:

18 November 2024 to 11 December 2024

You may make a submission to Rockhampton Regional Council

PO BOX 1860, Rockhampton QLD 4700

Email: enquiries@rrc.qld.gov.au

Phone: 07 4932 9000 or 1300 22 55 77

Click here to view the 'Guide to public notification of development and change applications'

For more information on planning requirements within the Rockhampton Region feel free to visit www.rrc.ald.gov.au





25 September 2024 Our Ref: 9336

The Chief Executive Officer Rockhampton Regional Council PO Box 1860 Rockhampton QLD 4700

Attention: Kathy McDonald

Dear Sir.

RE: Planning Application
Preliminary Approval for Building Works (Demolition) and
Development Permit for Material Change of Use (Office)
89 William Street and 189 & 197 Denison Street, Rockhampton City

This application is for a combined application, seeking the preliminary approval for building works (demolition) on a Queensland Heritage Place over Lot 300 on R1675 and the development approval for a Material Change of Use (Office) over Lot 234 on CP892530 and Lots 303 & 304 on RP905533 made by Access Recreation Incorporated.

To support this application, please find attached:

- DA Form 1
- DA Form 2
- Concept plans 2111-14
- Subject Plans R1675, CP892530 and RP905533
- Engineering Report
- Stormwater Management Plan
- Titles
- Smartmap
- Signed owners consent (Lot 300 on R1675)
- Fee confirmation email

The application fee will be paid upon lodgement. This is calculated as:

- Demolition \$1221
- Office >1000m² \$2,357.00 + \$6,953.14 (5.411 x 1,285) = \$9,310.14
- Impact assessment fee \$1040

Total = \$11,571.14 x 50% concession = **\$5,785.57**

We seek your approval for this development.

If you have any queries with regards to the above, please do not hesitate to call this office.

Yours Sincerely,

Madison Day

PROPOSAL

There are four different parcels subject of this application:

- 1. **Lot 303 on RP905533** (197 Denison Street) is a 456m² parcel of land with rear lane access from Alma Lane.
- 2. Lot 304 on RP905533 (197 Denison Street) is a 507m² parcel of vacant land with rear lane access from Alma Lane.
- 3. Lot 234 on CP892530 (189 Denison Street) is a 1939m² parcel of land with rear lane access from Alma Lane.
- 4. Lot 300 on R1675 (89 Denison Street) is a 2023m² site on the eastern corner of William and Denison Streets. It is home to the Queensland heritage listed St Pauls Anglican Cathedral Hall (Place ID 601491).

Lot 234 on CP892530, Lot 303 on RP905533 and Lot 304 on RP905533 are the subject properties for the new office building development, herein referred to as *the development site*. To enable its construction, most of the existing buildings and structures across the subject properties will require demolition/removal. One such building, a low set brick parsonage dwelling (church house for pastor/priest), is sited over a property boundary within both Lot 231 on CP892530 and Lot 300 on R1675. Hence Lot 300 on R1675 is to be included in this application. Although residing partly on a heritage listed site, the building itself is **not** heritage listed. Lot 234 was previously owned by the Anglican Church which is where the building encroachment can be attributed to. See below photos of the parsonage dwelling:



The demolition of this encroaching building is necessary to support the proposed development.

The development site will be a total area of 2902m², with a new two-storey office building and on-site carpark to be constructed as the new head office/homebase for a Central Queensland based disability support not-for-profit organisation. The organisation currently has separate offices across Rockhampton for their different sectors (e.g. administration, service coordinators, support staff), this new space will allow for all business operations to be coordinated from one premises. The new building will include reception/foyer area, various office spaces, meeting/conference rooms, staff amenities (toilets and staff lunchrooms) and storage facilities across two levels. A lift and stairs will be provided between the levels. A designated refuse enclosure will be located in the carpark. The ground floor staff room will also overlook a fenced plant enclosure (outdoor atrium), serving as a recreational enjoyment space.

The carpark will include 40 parking spaces including 2 universal spaces, with access from Denison Street and Alma Lane. A drop off/pick up zone is provided under the portico at the front of the building. All vehicle parking and manoeuvring areas will be fully sealed.

Pedestrian pathways and landscaped gardens will be distributed throughout and remaining land will be turfed.

The building is articulated with wall recesses, a mix of external facade finishes and windows varying in size. There is no wall plane exceeding 10m without some form of articulation.

Building Areas

Ground Floor – 685m² Level One – 600m² Tota GFA – 1285m² Building footprint – 685m² Site Area – 2902m² Site Coverage – 24%

Building Setbacks

South-Western Boundary (Denison Street) 2400mm to Portico OMP 8301mm to building OMP

North-Western Boundary (side) 3050mm to wall 2646mm to OMP (window shades) 0mm setback to plan enclosure

North-Eastern Boundary (rear) 6153mm to covered patio OMP 10.9m to building OMP

<u>Eastern Boundary (Alma Lane Cul Dec Sac)</u> 7043mm to building OMP

Building Height

Maximum building height above natural ground level is under 9.25m

The use is considered consistent and is preferred for the zone albeit the building exceeds the floor area threshold. Though considered a large-scale development, the development is not seen to detract from the Principal Centre's hierarchical structure as the main administrative and commercial hub of Rockhampton. It has a low site coverage (overall development site) and does not exceed building height limits. All building setbacks comply with the zone requirements. It directly adjoins the core precinct. There are very few sites available within the core precinct that could cater for the proposed use at this scale and achieving on-site parking requirements.

The site is also located directly across the street (Denison Street) from the Rockhampton Special School. The organisation and school would presumably have a strong nexus to each other. The proximity would encourage pedestrian visitation to the development site.

SERVICES AND INFRASTRUCTURE

Access and Road Works

It is intended that the development will have access from both Denison Street and Alma Lane. All access points will require new vehicle crossovers to be constructed. The existing crossovers in Denison Street are to be removed and kerb and channel will be reinstated. All existing services, infrastructure, utilities and trees within the Denison Street were located as part of the site detail survey to help determine the siting of the new crossovers (these are shown on the site layout plans). The new vehicle crossovers avoid the need to alter, move or remove any significant features such as stormwater pits and electricity poles. If any street trees require removal, they can be replaced elsewhere. The new layout may alter on-street parking arrangements and signage would need to be altered accordingly. Denison Street is at an appropriate constructed standard to cater for the traffic generated by the use. The rear lane access also distributes traffic onto Derby Street, reducing traffic numbers for Denison Street. We expect the rear lane access will be more frequented by staff members, thus having a lower traffic count and visitors/clients will utilise the Denison Street entrances. Refer to the attached engineering report for further details.

Parking

40 parking spaces (including 2 universal spaces) will be distributed throughout the new carpark. All parking and vehicle manoeuvring areas will be fully sealed. The parking spaces will be line marked and directional arrows will be painted through the driveways to show the flow of traffic through the site.

Table 9.3.1.3.2 states parking requirements for an office use is 1 space per 30m² of GFA or part thereof. Based on gross leasable floor area of 1155m², 38.5 carparks are required. The development meets the parking requirements. There is on-street parking available in the area if required.

Stormwater

Spot levels across the site would indicate the site has a high point across the middle with fall toward Denison Street and Alma Lane. An internal stormwater drainage system will be required for all roof and impervious run-off water to achieve a lawful point of discharge. Please refer to the attached stormwater management plan for the overall drainage strategy for the site.

Sewerage

The development will be connected to Council's reticulated sewerage network. 150mm diameter mains run into the development site from Alma Lane with manholes at the end of each line. It is anticipated to provide a new access chamber within Lot 234 on CP892530 on the existing line running from the cul de sac end of Alma Lane. The remaining section of sewer main leading to the existing manhole will become redundant and be removed. A new site connection will be provided at the new access chamber for the new development to drain

to. Any sanitary drainage traversing the site that is associated with the buildings on neighbouring property Lot 300 on R1675 will need to be rediverted. Refer to the attached engineering report.

Water

The development will be connected to the water supply network along Denison Street (150 diameter main). An existing connection may be reused else a new one provided as deemed appropriate by Council. Any existing connection points that are not re-used will be decommissioned/removed. Please refer to the attached engineering report for more details.

Telecommunications

The development will be connected to telecommunications supply in Denison Street. Any existing connection points that are not re-used will be decommissioned/removed.

Electricity

The development will be connected to existing overhead supply in Denison Street. Any existing connection points that are not re-used will be decommissioned/removed.

Waste Storage and Collection

A waste storage enclosure will be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately contracted skip bin service. Refuse collection vehicle will enter via the carpark entrance on Denison Street and exit via Alma Lane. Alma Lane appropriately caters for Council refuse collection trucks and their turning circles.

Landscaping

Garden beds are distributed throughout the development site around the building and carparks. The balance of the land outside of use areas and gardens will be turfed. Several palm trees exist along the Denison Street frontage of the development site, these will be retained else replaced with more appropriate species. A fenced plant enclosure (outdoor atrium), serving as a recreational enjoyment space will be sited to the west of the ground floor staff room.

Advertising Devices

Two wall signs are proposed on the external faces of the building (southern and eastern elevations). Wall signs are considered accepted subject to requirements within the Principal Centre Zone where the sign face is 10m^2 or less. Based on the scale provided on the elevation plans, each of the sign faces will be around 4m^2 . They are consistent with the zone and at an appropriate scale when compared to the size of the proposed building.

COUNCIL/STATE OVERLAYS

Acid Sulphate Soils

No acid sulphates will be unearthed.

Heritage Place

As previously stated, the proposal includes demolition of a building partly located on a registered and a material change of use on premises that adjoins a registered Queensland Heritage, being the St Pauls Cathedral Hall (Place ID 601491). This application will likely require referral to SARA under 10.8.2.3.1 of the *Planning Regulation 2017*.

State Transport Corridor

Denison Street contains the rail corridor, a State Transport Corridor. This application will require referral to SARA under 10.9.4.2.4 of the *Planning Regulation 2017*.

PRINCIPAL CENTRE ZONE

Specific Outcomes	Acceptable Solutions	Proposed Compliance
Built Form		
PO1 Buildings are designed to create a safe and pleasant, pedestrian-focussed environment with: a) ground floor heights to accommodate changes in use and to provide a comfortable and commanding view of the street; b) narrow shop fronts to allow for flexibility and easy adaptation to other uses; and c) building entries provided directly from the primary frontage of the building and on-grade to the street.	AO1.1 Ground floor building facades built to the street (not laneways), except where stated otherwise for a particular precinct have: a) a minimum height of four (4) metres above ground level; b) display space or transparent windows or doors for a minimum of sixty-five (65) per cent of their frontage area; and c) a pedestrian entry that is visible and accessible from the street. AND AO1.2 All above ground floor level facades of building(s) contain windows or balconies comprising at least thirty (30) per cent of the building facade area.	AO1.1 The building is not built to the street but the front façade is heavily windowed. The pedestrian entry is clearly visible from the street frontage. AO1.2 The upper level in appropriately windowed, enhancing visual appeal whilst also maintaining some level of privacy for business operations.
PO2 Residential uses are provided with privacy and private outdoor living space.	AO2.1 Dwellings are provided with private open space or a balcony which: a) has a minimum area of nine (9) square metres; b) has a minimum dimension of three (3) metres; c) is directly accessible from a habitable room; and d) does not accommodate air conditioning units.	N/A, the proposal does not include a residential use.
	he site is not within the business	
	the site is not within the core pre	cinct.
Where in the Denison Street F PO12 Development is of a height that: a) locates low-medium rise buildings in the Denison Street precinct; and b) establishes a visually interesting skyline with buildings of varying heights across the entire principal centre.	AO12.1 The height of buildings and structures does not exceed three (3) storeys and twelve (12) metres above ground level.	The new building is 2 storeys and 9.25m above ground level.
PO13 Building scale and density provides a transition to adjoining residential zones.	AO13.1 Site cover does not exceed eighty (80) per cent of the total site area.	Building site cover is low, around 24%.

PO14 Development provides an awning over the full width and depth of the footpath, or shade-trees where awnings would conflict with the prevailing streetscape (for example heritage buildings). AO14.1 Awnings are provided in accordance with Figure 6.3.1.3.1g — Denison Street precinct concept plan (accepted subject to requirements and assessable elements) and are:

- a) coordinated with awnings on adjoining properties to provide continuous weather protection;
- b) not higher than 7.5 metres from the footpath to the soffit of the awning; and
- a minimum of three (3) metres in width from the face of the building or set back 1.5 metres from the inside of the kerb line.

Note—Where only one (1) street frontage exists, one (1) vehicle access driveway to the site is acceptable within which an awning or building is not required.

No awnings over the footpath are proposed. The site is not located where awnings are identified in figure 6.3.1.3.1g. The drop off zone at the pedestrian entry will include a portico roof for weather protection and visual appeal.

PO15 Development is designed to:

- a) create a pedestrian rather than car oriented street frontage;
- b) break down the facade into finer scaled components; and
- avoid large expanses of blank walls oriented to the street.

AO15.1 Buildings are built to the road frontage in accordance with Figure 6.3.1.3.1g — Denison Street precinct concept plan (accepted subject to requirements and assessable elements).

Note—Where only one (1) street frontage exists, one (1) vehicle access driveway to the site is acceptable within which an awning or building is not required.

AND

AO15.2 Ground floor walls fronting onto the street (not laneways) are articulated so that they do not exceed a length of fifteen (15) metres without a change in plane of at least 0.75 metre depth.

AND

AO15.3 Car parking is provided to the side or the rear of buildings or below ground level, and is not located along the street frontage.

The proposed building will not be built to the boundary. The site is not located where building to the boundary is identified in figure 6.3.1.3.1g.

PO16 - PO20 are not applicable, the site is not within the Quay Street Precinct.

I and IIso		
Land Use	AO21.1 Residential uses	N/A the proposal data and
PO21 The streetscape is provided with uses that generate activity along the primary street frontage.	(except for short-term accommodation) are: a) located above ground storey or behind ground storey retail, commercial or community uses;	N/A, the proposal does not include residential development.
	 b) located within a premise containing another use; and c) not located within the Denison Street precinct (except for <u>caretaker's accommodation</u>). 	
PO22 is not applicable, the use	proposed is not an Adult Store	
Effects of Development		1.000 (11)
PO23 Development is located, designed and operated so that adverse impacts on privacy and the amenity of nearby residential uses or land in a residential zone are minimised.	AO23.1 Windows that have a direct view into an adjoining residential use are provided with fixed screening that is a maximum of fifty (50) per cent transparent to obscure views and maintain privacy for residents.	AO23.1 Neighbouring properties Lots 1 and 2 on RP600895 to the south-east contain existing dwellings. The building will be located at the opposite end of the development site from these dwellings. The carpark will directly adjoin. We expect a
	AND AO23.2 New building plant or air-conditioning equipment is located within, underneath or central to the building or screened from view of the street or adjoining residential uses by a solid screen.	1.8m high solid screen fence will be constructed between the development and the sensitive land uses. AO23.2 Any building plant will be screened from public view.
PO24 Outdoor storage areas are screened from the streetscape and adjoining sensitive land uses.	 AO24.1 Outdoor storage areas are: a) located behind the front building line; b) screened from view from off-site public places; and c) screened from adjoining sensitive land uses by a 1.8 metre high solid screen fence. 	A waste storage enclosure will be provided in the carpark. This will be aesthetically screened from public view.
PO25 Outdoor lighting maintains the amenity of surrounding residential zones and does not adversely impact on the safety of vehicles or pedestrians on the adjoining street as a result of light emissions, either directly or by reflection. Built Form – Additional Provis	AO25.1Outdoor lighting is designed, installed and maintained in accordance with the parameters and requirements of Australian Standard AS 4282 — Control of the obtrusive effects of outdoor lighting, as updated from time to time.	Outdoor lighting will be provided in accordance with the relevant Australian Standards.
PO26 Buildings which are		AO26.1 The main entrance
located in prominent positions such as corner sites or with frontages to public space	AO26.1 The building's main entrance faces the public place. AND	faces Denison Street, the primary road frontage.
include design elements to enhance their location.	AND	

	AOOC 2 Divilation and a conservation	AOOC O The building and of
Editor's note—Development is to be generally in accordance with Figure 6.3.1.3.2a and Figure 6.3.1.3.2b.	AO26.2 Buildings on corner sites provide active frontages to both street frontages and the main entrance faces the principal street or the street corner. AND AO26.3 Development presents a high quality built form and provides landscape and streetscape treatment on key corner sites as shown on: Figure 6.3.1.3.2c — Core precinct concept plan (assessable elements); and Figure 6.3.1.3.2d — Core precinct concept plan — East Street (assessable elements).	AO26.2 The building actively addresses both road frontages and the carpark. AO26.3 The existing street trees will be retained else replaced with appropriate species. Landscaping and turf is distributed throughout the site.
PO27 Development: a) creates a safe, active and inclusive environment with uses which operate during the day and night; b) in the form of large shopping centres includes shop fronts facing all external streets; and c) is designed to promote the use of public transport, walking and cycling.	No acceptable outcome is nominated.	The development layout enhances user safety, the design does not create opportunities of concealment or encourage criminal activity. It is well connected to the external road and pedestrian network.
PO28 Buildings are designed to include elements which create visual interest, such as: a) variations in plan shape, such as curves, steps, recesses, projections or splays; b) vertical articulation to create shadow and break up the built form, such as balconies, windows, steps, recesses and splays; c) different design elements for the lower, middle and top sections of buildings of three (3) or more storeys; d) a roof form that creates visual interest, is not flat and can conceal plant equipment; and	No acceptable outcome is nominated.	The building is well articulated with wall recesses, variation in the rooflines, colour and building material variation and different shaped and sized windows including some wall to ceiling.

e)	at least three (3)		
	variations in textures,		
	materials and colours.		
	29 Buildings are finished	No acceptable outcome is	Building finishes include
	high quality materials	nominated.	rendered blockwork and
	ch are easily maintained		cement cladding which are
	do not readily stain,		durable materials.
	olour or deteriorate.		
PO	30 Development does not	No acceptable outcome is	No highly reflective building
inclu	ide glass or other surfaces	nominated.	materials or finishings will be
whic	ch reflect solar rays		used.
dire	ctly into windows of an		
adjo	ining building.		
Nor	n-Residential Development		
	31 Non-residential	AO31.1 Development occurs	The use is considered
dev	elopment does not occur	within the area zoned principal	consistent and is preferred for
	ond the zone boundaries.	centre.	the zone albeit exceeding the
,		33	floor area threshold. It has a
			low site coverage (overall
			development site) and does
			not exceed building height
			limits. All building setbacks
			comply with the zone
			requirements. It directly
			adjoins the core precinct and
			is not seen to detract from the
Ctus	otooone and I andooning		hierarchy of the centre.
	etscape and Landscaping		Cardan hada ara diatributad
	32 On-site landscaping is	No acceptable outcome is nominated.	Garden beds are distributed
1 .	vided to:	nominated.	throughout the development
a)	create an attractive	Editor's note—A landscape concept	site around the building and
	environment that is	plan may be required in accordance	carparks. The balance of the
	consistent with, and	with SC6.12 — Landscape design	land outside of use areas and
	defines, the local	and street trees planning scheme	gardens will be turfed. Several
	character of the zone;	policy.	palm trees exist along the
b)	soften and enhance the		Denison Street frontage of the
	appearance of the		development site, these will
	development; and		be retained else replaced with
c)	provide shade for visitors		more appropriate species. A
	and adjoining footpaths.		fenced plant enclosure
			(outdoor atrium), serving as a
			recreational enjoyment space
			will be sited to the west of the
			ground floor staff room.
	3 Development avoids the	AO33.1 Hard surface areas	lander of the control
1			Landscaping and turf will help
crea	ition of 'heat islands' with	are interspersed with spaces	reduce heat radiating from the
larg	ition of 'heat islands' with	are interspersed with spaces	reduce heat radiating from the
larg	tion of 'heat islands' with e expanses of roofing and	are interspersed with spaces between buildings and	reduce heat radiating from the carpark surface. The building
larg park	ation of 'heat islands' with e expanses of roofing and cing areas.	are interspersed with spaces between buildings and car park areas, vegetated or covered with fabric sails.	reduce heat radiating from the carpark surface. The building will also provide shade to the carpark during the day.
larg park	ation of 'heat islands' with e expanses of roofing and king areas. 44 Where buildings are	are interspersed with spaces between buildings and car park areas, vegetated or	reduce heat radiating from the carpark surface. The building will also provide shade to the carpark during the day. Landscaping will be provided
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PO3	ation of 'heat islands' with the expanses of roofing and the cing areas. 4 Where buildings are appletely or partially set of from the street,	are interspersed with spaces between buildings and car park areas, vegetated or covered with fabric sails. No acceptable outcome is	reduce heat radiating from the carpark surface. The building will also provide shade to the carpark during the day. Landscaping will be provided along the front of the building and portico. Street trees will
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administrative, government, community, cultural, entertainment and retail centre for the planning scheme area.		The site is also located directly across the street from the Rockhampton Special School. The organisation and school would presumably have a strong nexus to each
		other. We expect this will encourage pedestrian visitation between the two sites.
PO40 The viability of existing and future low impact industry uses is not affected by the intrusion of incompatible uses.	AO40.1 Residential uses (except for caretaker's accommodation) are not located in this precinct.	The use does not include residential development.
PO41 Industry uses minimise adverse impacts on nearby sensitive land uses through building design, hours of operation, screening and landscaping.	No acceptable outcome is nominated.	The use is not industrial.
PO42 – PO47 is not applicable,	the site is not within the Quay Str	eet precinct.

ACCESS, PARKING AND TRANSPORT CODE

Specific Outcomes	Acceptable Solutions	Proposed Compliance		
Access and Parking				
PO1 Access driveways are located to avoid conflicts and designed to operate efficiently and safely, taking into account: a. the size of the parking area; b. the volume, frequency and type of vehicle traffic; c. the need for some land uses (for example hospitals) to accommodate emergency vehicle access; d. the type of use and the implications on parking and circulation, for example long-term or short-term car parking; e. frontage road function and conditions; and f. the capacity and function of the adjoining street system.	a) twenty–five (25) metres of a signalised road intersection; b) twenty (20) metres of an un-signalised road intersection in an industrial or centres zone or ten (10) metres otherwise; and c) one (1) metre of any street signage, power poles, street lights, manholes, stormwater gully pits or other Council asset.	It is intended that the development will have access from both Denison Street and Alma Lane. All access points will require new vehicle crossovers to be constructed. The existing crossovers in Denison Street are to be removed and kerb and channel will be reinstated. All existing services, infrastructure, utilities and trees within the Denison Street were located as part of the site detail survey to help determine the siting of the new crossovers (these are shown on the site layout plans). The new vehicle crossovers avoid the need to alter, move or remove any significant features such as stormwater pits and electricity poles. If any street trees require removal, they can be replaced elsewhere. The new layout may alter on-street parking arrangements and signage would need to be altered accordingly. Denison Street is at an appropriate constructed standard to cater for the traffic generated by the		

		use. The rear lane access
PO2 Access driveways do not disrupt existing road or footpath infrastructure.	AO2.1 Access driveways: a) do not require the modification, relocation or removal of any infrastructure including street trees, fire hydrants, water meters and street signs; b) do not front a traffic island, speed control device, car parking bay, bus stop or other infrastructure within the road carriageway; c) must be sealed and to a formed road; d) are not constructed over an access point to equipment under the control of a regulatory authority, including storm water pits, water meters, hydrants and telephone pits; and e) are raised or lowered to match the surface level of	use. The rear lane access also distributes traffic onto Derby Street, reducing traffic numbers for Denison Street. We expect the rear lane access will be more frequented by staff members, thus having a lower traffic count and visitors/clients will utilise the Denison Street entrances. Refer to the attached engineering report for further details. The new vehicle crossovers avoid the need to alter, move or remove any significant features such as street trees, stormwater pits and electricity poles. The new layout may alter on-street parking arrangements and signage would need to be altered accordingly. Denison Street is at an appropriate constructed standard to cater for the traffic generated by the use. The rear lane access also distributes traffic onto Derby Street, reducing traffic numbers for Denison Street. We expect the rear lane access will be more frequented by staff members thus having a lower traffic count and visitors/clients will utilise the Denison Street entrances.
	the driveway, where an access chamber is to be incorporated within the driveway.	
PO3 Access driveways are designed and constructed so as to: a) enable safe and functional vehicular access from the street to the property; and b) not cause a change in the level of a footpath.	AO3.1 Access driveways are constructed in compliance with the Capricorn Municipal Development Guidelines.	The engineering report provides the following advice: Due to the existing railway and electrical infrastructure in the road reserve near the northern, Denison Street boundary, the available width does not allow a commercial style crossover in accordance with the CMDG to be installed. Therefore, it is intended that the geometry for a residential style corridor be used for this crossover. We believe that this is acceptable as the separation from the

PO4 A driveway does not allow water to pond adjacent to any buildings or cause water to enter a building.	AO4.1 A driveway has a minimum cross fall of one (1) metre (vertical) to 100 metres (horizontal) away from all adjoining buildings.	Denison Street traffic lane to the crossover, due to the on-street parking lane, allows additional space for vehicles to turn and access the crossover more straight on. The carpark and driveway areas will be designed and constructed with an internal stormwater drainage system to avoid water ponding around the new building.
Parking		
PO5 Provision is made for onsite vehicle parking: a) to meet the demand likely to be generated by the development; and b) to avoid on-street parking where that would adversely impact on the safety or capacity of the road network or unduly impact on local amenity.	AO5.1 AO5.1.1 On-site car parking is provided at the rates set out in Table 9.4.1.3.2 of the access, parking and mobility code. OR AO5.1.2 Where a change of use of existing premises is proposed and there is no increase in the gross floor area, the existing number of on-site car parks is retained or increased. AO5.2 No net loss of on-street car parking results from the provision of off-street parking. AO5.3 All parking, loading and manoeuvring facilities for visitors and employees to be located on-site.	AO5.1 40 parking spaces (inclusive of 2 universal spaces) are provided which meets the minimum requirement for an Office use. AP5.2 The relocation of the accesses may require modification of on-street parking bays. These can be reinstated where the old driveways are removed. The development should not result in a net loss of on-street carparking. AO5.3 All vehicle movements including parking, manoeuvring and pick up/set down will be located on site. AO5.4 The driveways can cater for a design vehicle
	AO5.4 Manoeuvring facilities to be of adequate dimensions to prevent any queuing in a roadway.	turning circles. Refuse collection will occur on-site by private contractor else bins can be rolled kerbside in Alma Lane for collection.
PO6 Parking and servicing facilities are designed to meet user requirements.	AO6.1 Parking spaces, access and manoeuvring facilities, loading facilities and connections to the transport network are sealed and designed in accordance with Australian Standard AS 2890.	Parking spaces, access and manoeuvring facilities will be fully sealed.
PO7 Sites with more than one (1) road frontage (excluding laneways) gain access only from the lower order road, except if it will introduce traffic generated by a non—residential use into a street that is in a residential zone.	No acceptable outcome is nominated.	Site access will be provided from both frontages – the primary access for visitors will be via Denison Street.
PO8 Parking areas are illuminated in a manner that maximises user safety but minimises the impacts on adjoining residents.	AO8.1 Parking areas for uses that operate at night are illuminated in accordance with the requirements of Australian Standard AS 1158.	The use will not operate at night however outdoor lighting may be provided for security purposes.

		Γ
ROO Con partition account	AO8.2 Lighting used in parking areas does not cause an environmental nuisance and complies with Australian Standard AS 4282.	The property building and
posthways and other elements of the transport network are designed to enhance public safety by discouraging crime and antisocial behaviour, having regard to: a) provision of opportunities for casual surveillance; b) the use of fencing to define public and private spaces, whilst allowing for appropriate sightlines; c) minimising potential concealment points and assault locations; d) minimising opportunities for graffiti and other vandalism; and e) restricting unlawful access to buildings and between buildings.	No acceptable outcome is nominated.	The proposed building and site layout does not create opportunities of concealment or increase the risk of criminal activity.
PO10 Parking and servicing areas are kept accessible and available for their intended use at all times during the normal business hours of the activity.	No acceptable outcome is nominated.	The site will be fully accessible during business hours.
PO11 Landscaping is provided to soften the visual impact of car parking areas and to provide shading and protection from glare.	AO11.1 Landscaping areas and shade trees are provided in accordance with SC6.13 — Landscape design and street trees planning scheme policy.	Landscaping will be provided in accordance with Council's PSP. No shade trees are noted on the plans. the existing street trees will be retained else replaced with more appropriate species. The building will provide some shade onto the carpark through the day.
Transport Impact		
PO12 Development contributes to the creation of a transport network which is designed to: a) achieve a high level of permeability and connectivity for all modes of transport, including pedestrians and cyclists, within the development and to the surrounding area; and b) encourage people to walk, cycle or use public transport to and from	AO12.1 Development involving the creation of new streets is undertaken in accordance with SC6.20 — Structure plan planning scheme policy and Capricorn Municipal Design Guidelines.	No new roads are proposed.

the site instead of using		
a car.		
PO13 Development is located on roads that are appropriate for the nature of traffic generated, having regard to the safety and efficiency of the transport network.	AO13.1 Traffic generated by the development is safely accommodated within the design capacity of roads as provided in SC6.16 — Road infrastructure and hierarchy planning scheme policy. AO13.2 A road or street does not connect with another road or street that is more than two (2) levels higher or lower in the road hierarchy.	The site and adjoining road network are able to cater for the traffic generated by the use. Please refer to the attached engineering report for traffic impact assessment.
PO14 Where the nature of the development creates a demand, provision is made for set down and pick-up facilities by bus, taxis or private vehicle, which: a) are safe for pedestrians and vehicles; b) are conveniently connected to the main component of the development by pedestrian pathway; and c) provide for pedestrian priority and clear sightlines.	No acceptable outcome is nominated.	The portico directly to the front of the building entrance provides a safe pick-up dropoff zone. This zone is accessed via the northernmost access on Denison Street and exiting via the two way access back onto Denison Street.
Site Access		
PO15 Development does not impact on the safety, operation or function of the road network or system.	AO15.1 Vehicle manoeuvring into and from the site for all vehicles is designed in accordance with the Australian Standard AS 2890, as updated from time to time. AO15.2 No direct property access is gained to a highway, main road, urban arterial or sub arterial road as defined in SC6.16 — Road infrastructure and hierarchy planning scheme policy other than via a service road or a joint access arrangement with other sites. AO15.3 Development that generates greater than 100 vehicle movements per day does not gain access to or from an urban access place or	Parking spaces, access and manoeuvring facilities will be designed in accordance with the relevant Australian Standards. Denison Street can cater for the vehicle trips generated by the use. Refer to the attached engineering report for traffic impact assessment.
	urban access streets as defined in SC6.16 — Road infrastructure and hierarchy planning scheme policy.	

PO16 Development facilitates	No acceptable outcome is	No road upgrades are
the orderly provision and	nominated.	required.
upgrading of the transport		roquii ou.
network or contributes to the		
construction of transport		
network improvements.		
PO17 On-site transport	AO17.1 Intersections,	The engineering report
network infrastructure integrates safely and	connections and access arrangements are designed in	provides the following advice:
effectively with surrounding	accordance with the Capricorn	Due to the existing railway
networks.	Municipal Development	and electrical infrastructure in
	Guidelines and Australian	the road reserve near the
	Standard AS 2890.	northern, Denison Street
		boundary, the available width
		does not allow a commercial
		style crossover in accordance with the CMDG to be
		installed. Therefore, it is
		intended that the geometry for
		a residential style corridor be
		used for this crossover. We
		believe that this is acceptable as the separation from the
		Denison Street traffic lane to
		the crossover, due to the
		on-street parking lane, allows
		additional space for vehicles
		to turn and access the
Pedestrian and Cyclist Facilit	ies	crossover more straight on.
PO18 Development provides	AO18.1 Pedestrian and cyclist	A pedestrian path already
safe and convenient	facilities are designed in	exists along the Denison
pedestrian and cycle	compliance with the Capricorn	Street frontage of the site.
movement to the site and within the site having regard	Municipal Development Guidelines and Australian	This will be retained and reinstated where existing
to desire lines, users' needs,	Standard AS 2890 — Parking	driveways are removed.
safety and legibility.	facilities.	anvenaye are remeved.
PO19 Provision is made for	No acceptable outcome is	No specific bicycle parking will
adequate bicycle parking and	nominated.	be provided however bikes (if
end of trip facilities, to meet		used) can be stored in the
the likely needs of users and encourage cycle travel.		carpark or in the building.
Servicing		
PO20 Refuse collection	1000151	A wasta storage analogura will
	AO20.1 Refuse collection	A waste storage enclosure will
vehicles are able to safely	areas are provided and	be provided in the carpark.
access on-site refuse	areas are provided and designed in accordance with	be provided in the carpark. This will be aesthetically
	areas are provided and designed in accordance with the waste management code	be provided in the carpark. This will be aesthetically screened from public view.
access on-site refuse	areas are provided and designed in accordance with the waste management code and Australian Standard AS	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be
access on-site refuse	areas are provided and designed in accordance with the waste management code	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately
access on-site refuse	areas are provided and designed in accordance with the waste management code and Australian Standard AS	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately contracted skip bin service. Refuse collection vehicle will
access on-site refuse	areas are provided and designed in accordance with the waste management code and Australian Standard AS	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately contracted skip bin service. Refuse collection vehicle will enter via the carpark entrance
access on-site refuse	areas are provided and designed in accordance with the waste management code and Australian Standard AS	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately contracted skip bin service. Refuse collection vehicle will enter via the carpark entrance on Denison Street and exit via
access on-site refuse	areas are provided and designed in accordance with the waste management code and Australian Standard AS	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately contracted skip bin service. Refuse collection vehicle will enter via the carpark entrance on Denison Street and exit via Alma Lane.
access on-site refuse	areas are provided and designed in accordance with the waste management code and Australian Standard AS	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately contracted skip bin service. Refuse collection vehicle will enter via the carpark entrance on Denison Street and exit via
access on-site refuse	areas are provided and designed in accordance with the waste management code and Australian Standard AS	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately contracted skip bin service. Refuse collection vehicle will enter via the carpark entrance on Denison Street and exit via Alma Lane. Alma Lane appropriately caters for Council refuse collection trucks and their turning
access on-site refuse	areas are provided and designed in accordance with the waste management code and Australian Standard AS	be provided in the carpark. This will be aesthetically screened from public view. We anticipate the site to be serviced by a privately contracted skip bin service. Refuse collection vehicle will enter via the carpark entrance on Denison Street and exit via Alma Lane. Alma Lane appropriately caters for Council refuse collection

WATER AND SEWER CODE

WATER AND SEWER CODE		
Specific Outcomes	Acceptable Solutions	Proposed Compliance
		,
PO1 A water supply is provided that is adequate for the current and future needs of the intended development. PO2 Reticulated water supply networks ensure that the installation is sustainable and minimises whole of life cycle costs.	AO1.1 Where within a water supply area, the development is connected to Council's reticulated water supply system in accordance with SC6.22 — Water supply infrastructure planning scheme policy and the Capricorn Municipal Development Guidelines. AO1.1.2 Where not in a water supply area or within the rural zone, development provides a reliable, on-site household water source (such as dam water, tank or bore water) with a safe yield of at least one (1) mega litre per year. A report from a qualified hydrologist is required to certify the safe yield of the dam or bore. AO2.1 Where within a water supply area, water supply systems and connections are designed and constructed in accordance with SC6.22 — Water supply infrastructure planning scheme policy and the Capricorn Municipal Development Guidelines. AO2.2 Where within a water supply area, staged developments are connected to the water supply network and operational prior to the commencement of the use or	The development will be connected to the water supply network along Denison Street. An existing connection may be reused else a new one provided as deemed appropriate by Council. Any existing connection points that are not re-used will be decommissioned/removed. Any new connections (if required) will be designed and constructed in accordance with Council's PSP and the CMDG.
Sewer	endorsement of the survey plan.	
PO3 Waste water treatment and disposal is provided that is appropriate for the level of demand generated, protects public health and avoids environmental harm.	AO3.1 AO3.1.1 Where within a waste water area, the development is connected to Council's reticulated waste water system in accordance with SC6.18 — Sewerage infrastructure planning scheme policy and the Capricorn Municipal Development Guidelines. AO3.1.2 Where not within a waste water area, onsite waste water treatment	The development will be connected to Council's reticulated sewerage network. 150mm diameter mains run into the development site from Alma Lane with manholes at the end of each line. It is anticipated to provide a new access chamber within Lot 234 on CP892530 on the existing line running from the cul de sac end of Alma Lane. The remaining section of sewer main leading to the existing manhole will become

a)	complies with
	the Queensland Plumbing
	and Wastewater
	Code and the Plumbing
	and Drainage Act 2002;
	and
h)	requires a site evaluation
i ())	recontes a site evaluation

 requires a site evaluation report to be prepared by a qualified person in accordance with the Queensland Plumbing and Waste Water Code. new site connection will be provided at the new access chamber for the new development to drain to. Any sanitary drainage traversing the site that is associated with the buildings on neighbouring property Lot 300 on R1675 will need to be rediverted. Refer to the attached engineering report.

PO4 Reticulated waste water networks ensure that the installation of infrastructure assets is sustainable and minimises whole of life cycle costs. AO4.1Where within a waste water area, waste water systems and connections are designed and constructed in accordance withSC6.18 — Sewerage infrastructure planning scheme policy and the Capricorn Municipal Development Guidelines.

Any new connections will be designed and constructed in accordance with Council's PSP and the CMDG.

AO4.2 Where within a waste water area, staged developments are connected to the waste water network and operational prior to the commencement of the use or endorsement of the survey plan.

Point Source Waste Water Management

PO5 Development does not discharge waste water to a waterway or external to the site unless demonstrated to be best practice environmental management for the type and scale of development.

AO5.1 A waste water management plan (WWMP) is prepared by a suitably qualified person. The waste water management plan accounts for:

- a) waste water type;
- b) climatic conditions;
- c) water quality objectives; and
- d) best practice environmental management.

AO5.2 The waste water management plan provides that waste water is managed in accordance with a waste management hierarchy that:

- a) avoids waste water discharge to waterways; or
- b) minimises waste water discharge to waterways by reuse, recycling, recovery and treatment for disposal to sewer, surface water and groundwater if it is agreed waste water

No waste water will be discharged to any waterways.

	discharge to waterways cannot practically and reasonably be avoided.	
Water Management		
PO5 Waste storage areas are designed to separate stormwater and wash-down water.	AO5.1 Wash-down water drains to either the reticulated sewerage system or an onsite sewerage facility if not in a sewer area.	No wash down facilities are required.
	 AO5.2 Wash-down areas are: a) provided with a tap and water supply; and b) provided with a stormwater diversion valve and arrestor trap. 	

STORMWATER MANAGEMENT CODE

Specific Outcomes	Acceptable Solutions	Proposed Compliance
Design		
PO1 Development provides a stormwater management system which achieves the integrated management of stormwater to: a) ensure that flooding impacts do not increase, including upstream or downstream of the development site; b) avoid net worsening of stormwater peak discharges and runoff volumes; and c) maximise the use of water sensitive urban design principles.	a Stormwater management system which is designed in compliance with SC6.19 — Stormwater management planning scheme policy, Queensland Urban Drainage Manual, Capricorn Municipal Design Guidelines and Australian Rainfall and Runoff. AO1.2 Development ensures that the location of the stormwater drainage system is contained within a road reserve, drainage easement, public reserve, public pathway, park or waterway corridor. AO1.3 Stormwater is conveyed to a lawful point of discharge in accordance with the Queensland Urban Drainage Manual. AO1.4 Development minimises large impervious areas and maximises opportunities for capture and reuse.	Spot levels across the site would indicate the site has a high point across the middle with fall toward Denison Street and Alma Lane. An internal stormwater drainage system will be required for all roof and impervious run-off water to achieve a lawful point of discharge. Please refer to the attached stormwater management plan for the overall drainage strategy for the site.
PO2 Development provides a stormwater management system which: a) has sufficient capacity to safely convey run-off taking into account	AO2.1 Development provides a stormwater conveyance system which is designed to safely convey flows associated with all internal and	Spot levels across the site would indicate the site has a high point across the middle with fall toward Denison Street and Alma Lane. An internal stormwater drainage system

increased run-off from impervious surfaces and flooding in local catchments; b) maximises the use of natural waterway corridor s and natural channel design principles; and c) efficiently integrates with existing stormwater treatments upstream and downstream.	external contributing catchment(s).	will be required for all roof and impervious run-off water to achieve a lawful point of discharge. Please refer to the attached stormwater management plan for the overall drainage strategy for the site.
PO3 Development ensures that the location and design of stormwater detention and water quality treatment facilities: a) minimise risk to people and property; b) provide for safe access and maintenance; c) minimise ecological impacts to creeks and waterways; and d) provide for the safe recreational use of stormwater management features.	AO3.1 Development provides for stormwater detention and water quality treatment facilities which are located outside of a waterway. AO3.2 Development provides for stormwater detention in accordance with Queensland Urban Drainage Manual, Capricorn Municipal Design Guidelines and Australian Rainfall and Runoff. AO3.3 Development provides a stormwater quality treatment system which is designed in accordance with State Planning Policy - Water Quality.	The proposed internal stormwater pit and pipe system reduces surface flows. The existing stormwater network has capacity to carry the development without requiring any detention. Quality treatment is proposed to achieve the objectives of the SPP.
Environmental Values		
PO4 Development and drainage works including stormwater channels, creek modification works, bridges, culverts and major drains, protect and enhance the environmental values of the waterway corridors and drainage paths and permit terrestrial and aquatic fauna movement.	AO4.1 Development ensures natural waterway corridors and drainage paths are retained. AO4.2 Development incorporates the use of natural channel design principles in constructed components to maximise environmental benefits and waterway stability. AO4.3 Development provides stormwater outlets into waterways, creeks, wetlands and overland flow paths with energy dissipation to minimise scour in compliance with the Queensland Urban Drainage	The development can be designed and constructed to have no impact on any waterways by implementing water quality treatment prior to release into the external catchment.
POS Davida and davidad	Manual, Capricorn Municipal Design Guidelines and Australian Rainfall and Runoff.	Davidana et 311
PO5 Development protects and enhances the environmental and water quality values of waterways,	No acceptable outcome is nominated.	Development will have no impact on the water quality of waterways. Water treatment can be implemented.

creeks and estuaries within or		
external to the site.		
Overland Flow Path Tenure		
PO6 All overland stormwater flow paths are maintained under tenure arrangements that facilitate efficient infrastructure and enhance	No acceptable outcome is nominated.	An internal underground drainage system will be developed and directed to the external stormwater infrastructure in Denison
environmental sustainability.		Street.
Detention Systems		
PO7 Detention basins are designed, located and constructed on land solely dedicated for stormwater management.	No acceptable outcome is nominated.	According to the stormwater management plan, the proposed internal stormwater pit and pipe system reduces surface flows and the existing stormwater network has capacity to carry development flows without requiring any detention.
PO8 Development ensures that location and design of stormwater detention and water quality treatment: a) minimises risk to people and property; b) provides for safe access and maintenance; and c) minimises ecological impacts to creeks and waterways.	AO8.1 Development provides a stormwater management system designed in accordance with SC6.10 Flood hazard planning scheme policy and SC6.18 Stormwater management planning scheme policy.	A stormwater management plan is attached.
PO9 Flood plain storage and function, and detention system functions are maintained. This shall include ensuring that: a) detention system design does not remove floodplain storage; and b) detention systems continue to operate effectively during a major storm event.	No acceptable outcome is nominated.	No detention is anticipated. The site is not impacted by flood nor does it reduce floodplain storage capacities.
PO10 Detention basins shall not be provided in locations that prevent easy access to or maintenance of the detention basin. Efficiency and Whole of Life Communication and the communication is a second sec	AO10.1 The location of detention basins are in accordance with SC6.18 Stormwater management planning scheme policy.	Any detention systems required will be made accessible for maintenance purposes.
PO11 Development ensures		An appropriate stormwater
that there is sufficient site area to accommodate an effective stormwater management system. Editor's note—Compliance with the performance outcome should be	No acceptable outcome is nominated.	drainage system has been designed to cater for the development and overall catchment as identified in the stormwater management plan.
demonstrated by the submission of a site-based stormwater management plan for development.		

PO12 Development provides for the orderly development of stormwater infrastructure within a catchment, having	No acceptable outcome is nominated.	The internal drainage system will be connected to Council's underground stormwater drainage network.
regard to the: a) existing capacity of		Council's infrastructure has
stormwater infrastructure		capacity to cater for post
within and external to		development flows without
the site, and any planned		any detention necessary.
stormwater infrastructure		
upgrades; b) safe management of		
stormwater discharge from		
existing and future upslope		
development; and		
c) implications for adjacent		
and down-slope development.		
PO13 Development provides	No acceptable outcome is	Any stormwater drainage
proposed stormwater	nominated.	system will be designed to
infrastructure which:		cater for the lifetime of the
a) remains fit for purpose for the life of the development		development.
and maintains full		
functionality in the design		
storm event; and		
b) can be safely accessed and maintained in a cost		
effective way.		
Erosion and Sediment Contro	ol	
PO14 Development ensures	AO14.1 Water sensitive urban	Erosion and sediment control
that all reasonable and practicable measures are	design and erosion and sediment control measures	will be implemented on site during construction and for
taken to manage the impacts	are implemented in	post development.
of erosion, turbidity and	accordance with the State	p a series of p
sedimentation, both within and	Planning Policy - Guideline -	
external to the development site from	Water Quality.	
construction activities,	AO14.2 Unnecessary	
including vegetation clearing,	disturbance to soil, waterways	
earthworks, civil construction,	or drainage channels is	
installation of services,	avoided and all soil surfaces	
rehabilitation revenetation	remain effectively etabilised	
rehabilitation, revegetation and landscaping to protect:	remain effectively stabilised	
and landscaping to protect: a) the environmental values	remain effectively stabilised against erosion during construction and in the long-	
and landscaping to protect: a) the environmental values and water quality	against erosion during	
and landscaping to protect: a) the environmental values and water quality objectives of waters;	against erosion during construction and in the longterm.	
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and	against erosion during construction and in the long-	
and landscaping to protect: a) the environmental values and water quality objectives of waters;	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land	
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and c) the maintenance and	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land disturbing activities to achieve	
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and c) the maintenance and serviceability of	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land disturbing activities to achieve the protection of	
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and c) the maintenance and serviceability of	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land disturbing activities to achieve	
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and c) the maintenance and serviceability of stormwater infrastructure.	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land disturbing activities to achieve the protection of environmental values of waters and the function of stormwater infrastructure.	
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and c) the maintenance and serviceability of stormwater infrastructure. Water Quality Within Catchm	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land disturbing activities to achieve the protection of environmental values of waters and the function of stormwater infrastructure.	
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and c) the maintenance and serviceability of stormwater infrastructure. Water Quality Within Catchm PO15 For development	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land disturbing activities to achieve the protection of environmental values of waters and the function of stormwater infrastructure. ent Areas AO15.1 Development	The development will have no impact on water qualities
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and c) the maintenance and serviceability of stormwater infrastructure. Water Quality Within Catchm PO15 For development proposals within the Fitzroy	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land disturbing activities to achieve the protection of environmental values of waters and the function of stormwater infrastructure. ent Areas AO15.1 Development complies with the provisions of	impact on water qualities
and landscaping to protect: a) the environmental values and water quality objectives of waters; b) waterway hydrology; and c) the maintenance and serviceability of stormwater infrastructure. Water Quality Within Catchm PO15 For development	against erosion during construction and in the long-term. AO14.3 Erosion and sediment control plans and measures are implemented during land disturbing activities to achieve the protection of environmental values of waters and the function of stormwater infrastructure. ent Areas AO15.1 Development	

and relevant water quality objectives are addressed.

Editor's note—Section 3.2 of Queensland Water Quality Guidelines 2009 identifies values for water quality for waters in the Central Coast Queensland region.

AND

AO15.2 Development adjoining the full supply height above the Fitzroy River Barrage includes the provision of an effective buffer that assists in filtering runoff, including:

- a) a buffer distance of 100
 metres to the water supply
 height of the barrage
 which
 excludes cropping or
 grazing of a low intensity
 nature; and
- b) fencing and water troughs installed on the land to prevent encroachment of animals within 100 metres of the full supply height above the barrage.

Protecting Water Quality

PO16 The development is compatible with the land use constraints of the site for:

- achieving stormwater design objectives; and
- avoiding or minimising the entry of contaminants into, and transport of contaminants in stormwater.

AO16.1 Development is undertaken in accordance with a stormwater management plan that:

- a) incorporates stormwater quality control measures to achieve the design objectives set out in the <u>State Planning Policy Guideline Water Quality;</u>
- b) provides for achievable stormwater quality treatment measures reflecting land use constraints, such as soil type, landscape features (including landform), nutrient hazardous areas, acid sulfate soil and rainfall erosion potential; and
- c) accounts for development type, construction phase, local landscape, climatic conditions and design objectives.

Editor's note—A stormwater management plan includes the design, construction, operation, maintenance of the stormwater system.

Editor's note—<u>SC6.18</u>—
<u>Stormwater management planning scheme policy</u> provides guidance on preparing a stormwater quality management plan.

The development will have no impact on water qualities flowing to the Fitzroy catchment, treatment is proposed on site.

Protecting Water Quality In Existing Natural Waterways		
PO17 The waterway is designed for stormwater flow management, stormwater quality management and the following end use purposes: a) amenity including aesthetics, b) landscaping and recreation; c) flood management; d) stormwater harvesting as part of an integrated water cycle management plan; e) as a sustainable aquatic habitat; and f) the protection of water environmental values.	No acceptable outcome is nominated.	The proposed drainage system incorporates treatment to ensure water quality within the catchments is maintained.
PO18 The <u>waterway</u> is located in a way that is compatible with existing tidal waterways.	is located adjacent to, or connected to, a tidal waterway by means of a weir, lock, pumping system or similar: a) there is sufficient flushing or a tidal range of more than 0.3 metres; or b) any tidal flow alteration does not adversely impact on the tidal waterway; or c) there is no introduction of salt water into freshwater environments.	No waterways are being constructed.
PO19 The construction phase for the waterway is compatible with protecting water environmental values in existing natural waterways.	AO19.1 Erosion and sediment control measures are incorporated during construction to achieve design objectives set out in State Planning Policy - Guideline - Water Quality .	No waterways are being constructed.
PO16 Stormwater overflows from the <u>waterway</u> do not result in lower water quality objectives in existing natural waterways.	AO16.1 Stormwater run-off that may enter the non-tidal waterway is pre-treated in accordance with the guideline design objectives, water quality objectives of local waterways, and any relevant local area stormwater management plan.	Water quality within the catchment will be maintained.

LANDSCAPE CODE

LANDSCAPE CODE			
Specific Outcomes	Acceptable Solutions	Proposed Compliance	
Design			
PO1 Landscaping is professionally designed and provides a suitably sized area to: a) create an attractive visual addition to a building or place; b) soften the built form; c) provide a space for onsite recreation; and d) enable landscaping to establish and thrive under the local conditions. Editor's note—Landscaped areas may include natural bushland, planted garden beds, grassed areas, vegetated courtyards and	AO1.1 Landscaping is provided in accordance with requirements in zone codes and SC6.12 — Landscape design and street trees planning scheme policy. Note—Where the outcomes vary, the zone code takes precedence. Editor's note—A landscaped plan, prepared by a competent landscape designer is required to meet this acceptable outcome.	The proposed landscaping is consistent with similar developments in the area, lining the buildings, driveways and carpark.	
pedestrian paths. PO2 Shade trees are provided in the landscaped areas to provide shade onto buildings, recreation areas, seating, car parking areas and the road verge.	No acceptable outcome is nominated.	All existing trees will be removed from site for the development. No shade trees are indicated in the proposal plans. the building will shadow the carpark through the day.	
PO3 On-site stormwater harvesting is to be maximised with reuse measures and amelioration of stormwater impacts indicated.	AO3.1 Landscape design incorporates the flow of water along overland flow paths, but does not impede flow paths and watercourses. AND AO3.2 Landscaping maximises opportunities for on-site infiltration by: a) minimising impervious surfaces and incorporating semipermeable paving products; b) falling hard surfaces towards pervious surfaces such as turf or mulched areas; c) maximising the opportunity for turf and planting areas; d) aligning planting areas parallel to contours to slow the flow of surface water; and e) ensuring the planting palette comprises canopy tree species.	Turfed areas allow for infiltration of run-off water.	

PO4 Design of pedestrian paths and places reinforces the desired character of the area, and includes features to enhance their use and are of universal design to ensure non-discriminatory access and use.	AO3.3 Provision for drainage is incorporated through treatments such as subsurface drains, swales, ponds, infiltration cells. AND AO3.4 The landscape design incorporates sediment and erosion control measures. AO4.1 The landscape design complies with Australian Standard AS 1428 parts 1, 2, 3 and 4 — Design for access and mobility.	Pedestrian zones are legible and well connected throughout the site and onto the external pedestrian network.
and maintained to minimise the potential for risk to personal safety and property, through: a) maximising casual surveillance of public spaces; b) increasing opportunity for public interaction; and c) minimising opportunity for concealment and criminal activity through environmental design principles.	AO5.1 Planting is carried out in accordance with crime prevention through environmental design principles and incorporates: a) plants and trees that do not restrict casual surveillance of paths and landscaped spaces; b) clear sight lines from private to public space; c) visually permeable screens and fencing; d) lighting of landscaped areas; e) public facilities (toilets, shelters etcetera) located to promote use; f) dual access points to public spaces; g) clearly defined public and private spaces; h) measures to protect solid and blank walls from graffiti; i) legible universal signage; j) a selection of species that do not create nuisance and danger by way of thorns, toxins or a common source of allergies; and k) plant species that do not exacerbate impacts such as bushfire or flash flooding.	Landscaping will be completed to minimise opportunities for concealment and maximise casual surveillance levels. Regular maintenance (pruning) will ensure plantings do not become overgrown and restrict visibility.
Species Selection	400 4 Division	ACCA Plant
PO6 Landscaping design includes plant species that: a) suit the local climatic conditions;	AO6.1 Plant species are chosen from sources recommended in SC6.12 — Landscape design and street trees planning scheme policy.	AO6.1 Plant species will be chosen in accordance with Council's PSP.

- b) have low water usage needs or are provided with water harvested on-site;
- c) include locally native species;
- d) are of a suitable size and density to achieve the purposes of this code; and
- e) complement the proposed development;
- f) are not classified as a pest species or a noxious or invasive weed;
- g) preserve existing vegetation where desirable and protect existing environmental values of the land; and
- h) do not exacerbate bushfire or flood hazards.

AND

AO6.2 Plant species do not include undesirable species as listed in SC6.12 — Landscape design and street trees planning scheme policy.

AO6.3 At least fifty (50) per cent of all new plantings are locally native species.

AND

AO6.4 Plant species are compliant with any adopted planting or landscape design concept/theme for the local area.

AND

AO6.5 Unless forming part of a landscaping concept approved by Council, planting is carried out to create a 'three-tier' landscaping treatment at the following minimum density rates:

- a) trees at five (5) metre intervals:
- b) shrubs at two (2) metre intervals; and
- c) groundcovers at 0.5 metre to one (1) metre intervals.

AND

AO6.6 Existing vegetation is retained and integrated into landscaping.

AND

AO6.7 The use of palms is avoided in proximity to overland flow paths and watercourses.

AO6.2 No undesirable species as per the PSP will be used.

AO6.3 Native species will be used where possible.

AO6.4 Plant species will be chosen in accordance with the PSP.

AO6.5 Plantings will be spaced at appropriate intervals

AO6.6 All existing vegetation will be removed from site.

AO6.7 No palm trees will be planted. The existing street trees are palms, these can be replaced if Council deem it necessary.

Character and Streetscaping

PO7 Where the development involves the creation of a new road, street-tree planting is undertaken which takes account of:

- a) the hierarchy and function of the street;
- b) the selection of appropriate species;

AO7.1 Street tree planting is carried out in accordance with the requirements of SC6.12 — Landscape design and street trees planning scheme policy.

Street trees will be retained or replaced with more appropriate species.

c) avoidance of conflict between the street tree and utilities and services within the road reserve; d) soil conditions; e) existing street trees; f) solar access; and g) driveway access. PO8 Vehicle safety is not	AO8.1 For any site on a	The development site is not
adversely affected by the location of landscaped areas and/or landscape buffers.	corner bounded by two or more road frontages, landscaping and fences higher than 1.2 metres are not located within the corner truncation illustrated in Figure 9.3.4.3.1a below:	on a corner lot.
PO9 Landscape design is	restriction for corner sites No acceptable outcome is	The proposed landscaped
integrated with any existing urban design theme within the surrounding area and coordinates paving, planting, street furniture, lighting, signage and other elements to reflect that theme and assist in the creation of a sense of place.	nominated.	areas are consistent with other developments in the area and at an appropriate scale for the site.
PO10 Fencing (including walls) and acoustic barriers are designed to:a) be compatible with the	AO10.1 Combined fencing and retaining walls do not exceed three (3) metres in height and require	AO10.1 No combination retaining wall and fences are proposed – the site is flat thus should be no retaining walls.
existing streetscape; b) minimise adverse effects on the amenity of an adjoining property; and	vertical articulation if taller than two (2) metres in height.	AO10.2 No acoustic fencing is required.
c) complement, but not dominate, the development.	AO10.2 Where acoustic fencing is required by the planning scheme it is designed by an acoustic engineer and incorporates a minimum three (3) metre vegetated buffer (unless otherwise stated by the relevant zone code) with vegetation having a mature height equal to or above the height of the acoustic fencing.	

Car Parking and Internal Access

PO11 Car parks and internal access (both on and off-street) are landscaped to:

- a) reduce their visual appearance;
- b) provide shade;
- c) reduce glare;
- d) reduce heat stored in hard surfaces;
- e) harvest storm water; and
- be of a design that protects damage from vehicles, minimises risk of crime and contaminated stormwater runoff.

AO11.1 Shade trees with a minimum height of two (2) metres are provided within car parking areas at the following rate:

- a) in single sided, angle or parallel bays one (1) tree per three (3) car parks; and
- b) in double sided, angle or parallel bays — one (1) tree per six (6) car parks.

Editor's Note—SC6.12 — Landscape design and street trees planning scheme policy sets out guidance on tree species and planting standards.

AND

AO11.2 Each shade tree is provided with a minimum planting area of 1.2 square metres with a minimum topsoil depth of 0.8 metres.

AND

AO11.3 Each shade tree has a clean trunk with a minimum height of two (2) metres.

AND

AO11.4 Planting bays incorporate ground covers less than one (1) metre in height that allow unobstructed surveillance.

AND

AO11.5 Trees within car parking areas are planted within a deep natural ground/structured soil garden bed, and are protected by wheel stops or bollards as required.

AND

AO11.6 Root control barriers are installed where invasive roots may cause damage to car parking areas, pedestrian paths and road carriageways.

PO12 The function, safety and accessibility of utilities and other infrastructure is not

AO12.1 A minimum three (3) metre wide densely planted landscaped buffer is provided

Plant species will not interfere with any above or below ground infrastructure.

Landscaping is indicative only and plant species and types have not yet been chosen. No shade trees are proposed within the carpark.

compromised by the location along the boundary adjoining and type of landscaping the identified major electricity including: transmission corridor, a) overhead wires and including provision for advanced trees and shrubs equipment; b) underground pipes and that will grow to a minimum height of ten (10) metres. cables; and c) inspection chambers, **AND** transformers, poles and drainage infrastructure. AO12.2 Root control barriers are installed where invasive roots may cause damage to car parking areas, pedestrian paths and road carriageways. **AND** AO12.4 The mature foliage of vegetation is not located within three (3) metres of an electrical substation boundary. PO13 Landscape site AO13.1 Maintenance access All landscaping and planning and design must points and clearance must be stormwater accommodate for provided in accordance detention/treatment areas will with Capricorn Municipal maintenance access points be fully accessible for and clearances with the **Development Guidelines** maintenance purposes. following considerations: and Queensland Urban a) access by appropriate Drainage Manual. maintenance or utility vehicles must be AND demonstrated with slope gradients and ground AO13.2 Landscape surface treatments that treatments to be constructed are stable and usable in in accordance with SC6.12 all weather: Landscape design and street b) provide an appropriate tree planning policy. turn around area for vehicles and secure access entrance; and c) plant species mature height and habit must not interfere with or

compromise underground or overhead utility assets, including storm inlet pits.

ADVERTISING DEVICES CODE

ADVERTISING DEVICES CODE			
Specific Outcomes	Acceptable Solutions	Proposed Compliance	
Character and Amenity PO1 The advertising device is designed and sited in a manner that: a) results in a size that does not adversely impact on: (i) the visual amenity and character of a building, streetscap e, locality or natural landscape setting; (ii) the safety of a road or footpath; (iii) the operations of an airport; and (iv) the visual amenity of a main transport entrance into an urban area or township; b) is integrated with the design of other development on the premises; c) does not visually dominate the premises, streetscape, locality or natural landscape setting; d) is constructed of durable and weather resistant materials; e) does not impede vehicle or pedestrian movements or reduce safety levels; f) does not resemble traffic or road signs; and g) does not result in the proliferation of unnecessary advertising.	AO1.1 The maximum total sign face area for all advertising devices at any premise is the higher of the areas calculated using the following calculation methods: a) boundary length calculation method (refer to SC6.2 — Advertising devices planning scheme policy); and b) building elevation calculation method (refer to SC6.2 — Advertising devices planning scheme policy). Editor's note— To establish the maximum total sign face area of a premise, the applicant must subtract existing defined sign face areas that are on the premises. AND AO1.2 The advertising device is in accordance with Table 9.3.2.3.2.	Two wall signs are proposed on the external faces of the building (southern and eastern elevations). Wall signs are considered accepted subject to requirements within the Principal Centre Zone where the sign face is 10m² or less. Based on the scale provided on the elevation plans, each of the sign faces will be around 4m². They are consistent with the zone and at an appropriate scale when compared to the size of the proposed building.	
Illumination PO2 The illumination of	ACC 4 VA/hours on advantising	The ciano will not be	
an advertising device does not detract from the character and amenity of an area. The advertising device is appropriate to its setting and is compatible with the amenity of the local area and does not create glare, reflection or flaring of colours to cause a visual nuisance.	AO2.1 Where an advertising device incorporates a digital display, the advertising device: a) is not located in a low density residential zone/precinct, low-medium density residential zone, rural residential zone/precinct or township zone/precinct; b) has a minimum dwell time of eight (8) seconds per advertisement; and	The signs will not be illuminated.	

 has an instantaneous transition from one message to the next within 0.5 seconds.

Editor's note— Instant changes for digital displays are recommended to minimise flash distractions. For example, when the display change includes high contrast change.

AND

AO2.2 The luminance of an externally or internally illuminated <u>advertising device</u> including digital displays (measured in candelas per square metre) does not exceed the threshold in accordance with in <u>Table</u> 9.3.2.3.3.

Safety to Pedestrians and Vehicles

PO3 Advertising devices are appropriately located and designed in a manner that does not create a traffic or pedestrian safety hazard.

Editor's note—A traffic management statement produced by a registered professional engineer may be required to demonstrate that there is no adverse impact to vehicle and pedestrian safety.

AO3.1 The advertising device does not physically obstruct the passage of pedestrians or vehicles.

AND

AO3.2 The advertising device does not restrict sight lines at intersections and site access points into property.

AND

AO3.3 The advertising device does not revolve, contain moving parts or have a moving border.

The signs are flush wall signs, on the upper level of the building. They will not physically impede/obstruct passing vehicles or pedestrians nor create distraction.

Heritage and Character Places

PO4 Advertising devices adjacent to or located at a place of heritage significance or within the character overlay are designed and sited in a manner that:

- a) conserves existing signs if they are of heritage significance;
- b) is compatible with the significance of the heritage place;
- does not detrimentally impact the values or setting of the heritage place;
- d) does not obscure the appearance or

AO4.1 The following advertising devices are not proposed on or <u>adjoining</u> <u>premises</u> that are listed as a local <u>heritage place</u>, shown on the <u>heritage place overlay</u> <u>map</u> or <u>character overlay map</u>:

- a) creative awning sign; or
- b) <u>freestanding sign;</u>or
- c) ground sign; or
- d) <u>sign written roof sign;</u>
 or
- e) three-dimensional sign.

The signs proposed are appropriate for a site adjoining a heritage place.

- prominence of features of the heritage place when viewed from adjacent public or semipublic streets or open spaces; and
- e) does not intrude into that place.

Editor's note—Traditional and appropriate locations for signage include:

- a) parapet panels above and below the cornice;
- b) string course bands and on other small individual elements;
- spandrel panels below windows and on ground floor piers (including plaques beside entries);
- front and side fascia of the verandah, or hanging below; and
- e) ground and first floor windows, or glass and side walls, upper storey and panels on fences.

Table 9.3.2.3.2 Sign Specific Outcomes - Wall Sign

- a) is only located in a centre zone, industry zone, open space, community facilities, sport and recreation and special purpose zone unless associated with a homebased business;
- the sign is located only on a part of a wall that is otherwise blank and the sign does not cover any opening (such as a window) or building design element (such as finery, articulated brickwork, etcetera);
- the sign does not project any further than 0.2 metres from the wall;
- d) the sign does not project beyond the property boundary; and
- e) the sign does not project above the eaves or parapet of the wall, or the external edges of the building element to which it is attached.

Within an industry zone and centre zone signage must not exceed fifty (50) per cent total surface area of the wall face to a maximum size of twenty (20) square metres, unless located on the character overlay map, whereby the signage must not cover more than twenty (20) per cent total surface area of the wall to a maximum size of two (2) square metres.

Within the open space zone, community facilities zone, sport and recreation zone and special purpose zone signage must not exceed fifty (50) per cent total surface area of the wall face to a maximum size of four (4) square metres.

The signs do not exceed 50% of the wall face and are 4m² each.

HERITAGE PLACE OVERLAY CODE

1	HERITAGE PLACE OVERLAY CODE			
	Specific Outcomes	Acceptable Solutions	Proposed Compliance	
		r Removal (Local Heritage Plac		
	PO1 All building work in the form of demolition or removal is only undertaken when there is a significant safety concern for the wellbeing of people and property due to structural stability. If demolition or removal is required the original features of the place are recorded digitally. Editor's note—Where necessary, a heritage impact assessment report is prepared by a suitably qualified person as detailed in SC6.13—Local heritage planning scheme policy.	AO1.1.1 Demolition is only undertaken where a report prepared by a suitably qualified conservation architect or conservation engineer demonstrates that the building is structurally unsound and is not reasonably capable of repair. OR AO1.1.2 Only minimal and necessary demolition is performed in the course of repairs, maintenance or restoration. OR AO1.1.3 Demolition is performed following a catastrophic event (such as fire, landslide and flooding) which substantially destroys the building. AND AO1.2 In every case where a local heritage place is demolished (partially or wholly) or removed, an archival quality photographic record of the local heritage place, including its features, is made prior to demolition or removal and lodged with Council.	To enable construction, most of the existing buildings and structures across the subject properties will require demolition/removal. One such building, a low set brick parsonage dwelling (church house for pastor/priest), is sited over a property boundary within both Lot 231 on CP892530 and Lot 300 on R1675. Hence Lot 300 on R1675 is to be included in this application. Although residing partly on a heritage listed site, the building itself is not heritage listed. The St Paul's Cathedral Hall (the heritage listed building) is to remain and will not be impacted by the demolition works.	
		although the heritage place is a page only required to be in the application.		
	encroaching parsonage dwelling			
	Adjoining a Heritage Place	No appendable a francis	M/Is and Also health the death	
	PO7 Development is	No acceptable outcome is	Where the building is to be	
	sympathetic to, and consistent	nominated.	demolished, the site will be	
	with the significant features		remediated with turf. The new	
	and values of the heritage		development does not impact	

the values of the heritage

place.

place or local heritage place,

a) maintaining significant

b) consistency of built form and setback;c) scale; andd) potential for

overshadowing; and

including:

views;

e) consistency with open space and landscape features.		
PO8 is not applicable, the development site is not on Quay or East Streets		
PO9 is not applicable, the development does not include reconfiguring a lot.		

DA Form 1 – Development application details

Approved form (version 1.6 effective 2 August 2024) made under section 282 of the Planning Act 2016.

This form **must** be used to make a development application **involving code assessment or impact assessment**, except when applying for development involving only building work.

For a development application involving **building work only**, use *DA Form 2 – Building work details*.

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

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)	Access Recreation Incorporated				
Contact name (only applicable for companies)	c/- Capricorn Survey Group (CQ) Pty Ltd				
Postal address (P.O. Box or street address)	PO Box 1391				
Suburb	Rockhampton				
State	QLD				
Postcode	4700				
Country	Australia				
Contact number	(07) 4927 5199				
Email address (non-mandatory)	reception@csgcq.com.au				
Mobile number (non-mandatory)	0407 581 850				
Fax number (non-mandatory)	n/a				
Applicant's reference number(s) (if applicable)	9336				
1.1) Home-based business					
Personal details to remain private in accordance with section 264(6) of <i>Planning Act 2016</i>					

2) Owner's consent
2.1) Is written consent of the owner required for this development application?
∑ Yes – the written consent of the owner(s) is attached to this development application
□ No – proceed to 3)



PART 2 - LOCATION DETAILS

3) Location of the premises (complete 3.1) or 3.2), and 3.3) as 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 Forms Guide: Relevant plans.</u>									
3.1) Street address and lot on plan									
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	Street Name and Type				ourb
,		89		Willia	m Street			Ro	ckhampton City
a)	Postcode	Lot No).	Plan ⁻	Type and Nu	mber (e.g. RF	P, SP)	Loc	cal Government Area(s)
	4700	300		R1675			RR	С	
	Unit No.	Street No.		Street Name and Type			Sul	ourb	
b)		189		Denis	on Street			Ro	ckhampton City
b)	Postcode	Lot No.		Plan	Гуре and Nu	mber (e.g. RF	P, SP)	Loc	cal Government Area(s)
	4700	234		CP89	2530			RR	С
	Unit No.	Street	No.	Street	Name and	Гуре		Sul	ourb
۵)		197		Denis	on Street			The	e Range
c)	Postcode	Lot No).	Plan	Гуре and Nu	mber (e.g. RF	P, SP)	Loc	cal Government Area(s)
	4700	303		RP90	5533			RR	С
	Unit No.	Street No.		Street	Name and	Гуре		Sul	ourb
d١		197		Denison Street			The	e Range	
d)	Postcode	Lot No).	Plan Type and Number (e.g. RP, SP)			Loc	cal Government Area(s)	
	4700	304		RP905533			RR	С	
e.	oordinates o g. channel dred lace each set o	lging in N	1oreton E	Bay)		nt in remote are	as, over part of a	lot or in	water not adjoining or adjacent to land
Co	ordinates of	premis	es by lo	ongitud	e and latitud	е			
Longit	ude(s)		Latitu	de(s)		Datum		Local	Government Area(s) (if applicable)
						☐ WGS84 ☐ GDA94			
						Other:			
		•		asting	and northing				
Eastin	g(s)	Northi	ng(s)		Zone Ref.	Datum		Local	Government Area(s) (if applicable)
			□ 54		☐ WGS84				
			□ 55□ 56	Other:					
3.3) 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 ☑ Not required									
<u></u>									
4) Identify any of the following that apply to the premises and provide any relevant details									
☐ In or adjacent to a water body or watercourse or in or above an aquifer									
Name of water body, watercourse or aquifer:									

On strategic port land under the Transport Infrastructure Act 1994					
Lot on plan description of strategic port land:					
Name of port authority for the lot:					
☐ In a tidal area					
Name of local government for the tidal area (if applicable):					
Name of port authority for tidal area (if applicable)					

On airport land under the Airport Assets (Restructuring	and Disposal) Act 2008
Name of airport:	
☐ Listed on the Environmental Management Register (EM	IR) under the Environmental Protection Act 1994
EMR site identification:	
☐ Listed on the Contaminated Land Register (CLR) under	r the Environmental Protection Act 1994
CLR site identification:	
5) Are there any existing easements over the premises?	
Note: Easement uses vary throughout Queensland and are to be identified how they may affect the proposed development, see <u>DA Forms Guide.</u>	ed correctly and accurately. For further information on easements and
☐ Yes – All easement locations, types and dimensions ar application	e included in plans submitted with this development
⊠ No	

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

<u> </u>	<u> </u>						
6.1) Provide details about the	e first development aspect						
a) What is the type of develo	pment? (tick only one box)						
	Reconfiguring a lot	Operational work	☐ Building work				
b) What is the approval type? (tick only one box)							
□ Development permit	☐ Preliminary approval ☐ Preliminary approval that includes a variation approv						
c) What is the level of assessment?							
Code assessment		res public notification)					
d) Provide a brief description lots):	of the proposal (e.g. 6 unit apart	ment building defined as multi-unit d	welling, reconfiguration of 1 lot into 3				
Office							
e) Relevant plans Note: Relevant plans are required to Relevant plans.	to be submitted for all aspects of this o	development application. For further	information, see <u>DA Forms quide:</u>				
Relevant plans of the pro	posed development are attach	ned to the development applic	cation				
6.2) Provide details about the	e second development aspect						
a) What is the type of develo	pment? (tick only one box)						
☐ Material change of use	Reconfiguring a lot	Operational work	□ Building work				
b) What is the approval type	? (tick only one box)						
Development permit	☐ Preliminary approval	□ Preliminary approval that □ Preliminary approva	t includes a variation approval				
c) What is the level of assess	sment?						
Code assessment		res public notification)					
d) Provide a brief description lots):	n of the proposal (e.g. 6 unit apart	ment building defined as multi-unit d	welling, reconfiguration of 1 lot into 3				
Demolition of a building partl	y located on a Queensland He	eritage Place					
Relevant plans.	o be submitted for all aspects of this d						
Relevant plans of the proposed development are attached to the development application							



6.3) Additional aspects of d	levelopment				
			this development application		
Not required	under Part 3 d	section i of	this form have been attached	to this development ap	phication
6.4) Is the application for S	tate facilitated	developme	ent?		
Yes - Has a notice of de					
⊠ No					
Section 2 – Further deve	elopment de	etails			
7) Does the proposed deve	lopment appli	cation invol	ve any of the following?		
Material change of use	🛚 Yes -	- complete d	division 1 if assessable agains	t a local planning instru	ument
Reconfiguring a lot	☐ Yes -	- complete o	division 2		
Operational work	☐ Yes -	- complete o	division 3		
Building work	🛚 Yes -	- complete <i>l</i>	DA Form 2 – Building work de	tails	
Division 1 – Material chand	no of uso				
•	9	f anv part of the	e development application involves a	material change of use asse	essable against a
local planning instrument.	•		о истогорителя аррисален интегнес и	material enange of dee deed	rocabro agamera
8.1) Describe the proposed					0 "
Provide a general description proposed use	on of the		e planning scheme definition h definition in a new row)	Number of dwelling units (if applicable)	Gross floor area (m ²)
proposed des		,	,	armo (mappinoabio)	(if applicable)
Office Of		Office		n/a	Total floor area 1285m²
8.2) Does the proposed use	e involve the ι	use of existi	ng buildings on the premises?		
Yes					
⊠ No					
	<u>'</u>	<u>'</u>	orary accepted development u		julation?
	low or include	e details in a	a schedule to this developmen	t application	
⊠ No					
Provide a general description	Specify the stated period dates under the Planning Regulation				
				under the Fidining P	ogulation
Division 2 – Reconfiguring	a lot				
			e development application involves re	configuring a lot.	
9.1) What is the total numb	er of existing	lots making	up the premises?		
9.2) What is the nature of the	ha lot-racanfia	uration2 //-	ek all applicable boyes)		
Subdivision (complete 10)	ne lot reconlig	uralion? (tic		/ agreement (complete 4	1)
Boundary realignment (a	complete 121		Dividing land into parts by		
boundary realignment (easement giving access to a lot				



10) Subdivision							
10.1) For this developme	ent, how	many lots are	being creat	ted and what	t is the intended us	se of those lots:	
Intended use of lots crea	ated	Residential	Com	mercial	Industrial	Other, please specify:	
Number of lots created							
					I		
10.2) Will the subdivision Yes – provide addition							
∐ No How many stages will th	e works	include?					
What stage(s) will this dapply to?			1				
11) Dividing land into pa	rts by aç	greement – hov	v many pari	s are being	created and what i	is the intended use of the	
parts?							
Intended use of parts cr	eated	Residential	Com	mercial	Industrial	Other, please specify:	
Number of parts created	ł						
12) Boundary realignme	nt						
12.1) What are the curre		proposed areas	s for each lo	ot comprising	the premises?		
	Current I					sed lot	
ot on plan description	Ar	ea (m²)		Lot on plan description		Area (m²)	
12.2) What is the reasor	n for the	boundary reali	gnment?				
			existing ea	asements be	ing changed and/o	or any proposed easement	
attach schedule if there are n Existing or Oroposed? Wide	nore than t dth (m)	Length (m)	Purpose o	of the easem		Identify the land/lot(s) benefitted by the easemen	
vision 3 – Operationa	l work						
te: This division is only requir	ed to be c			opment applicat	tion involves operationa	al work.	
4.1) What is the nature	of the o	perational wor	_				
Road work		L	J Stormwat		=	astructure	
		」Earthwork]Signage	(S		nfrastructure vegetation		
☐ Other – please speci	fv·		_ Oignage			regetation	
14.2) Is the operational	•	cessary to facil	itate the cre	eation of new	/ lots? (e.a. subdivisia	on)	
Yes – specify number			Herto tirio or c		-10.0 : (0.g. babarrisi		
No		.5.01					



14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)	
\$	

PART 4 – ASSESSMENT MANAGER DETAILS

15) Identify the assessment manager(s) who will be assessing this development application
Rockhampton Regional Council
16) 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
The local government is taken to have agreed to the superseded planning scheme request – relevant documents

PART 5 - REFERRAL DETAILS

17) Does this development application include any aspects that have any referral requirements? Note: A development application will require referral if prescribed by the Planning Regulation 2017.
No, there are no referral requirements relevant to any development aspects identified in this development application − proceed to Part 6
Matters requiring referral to the Chief Executive of the Planning Act 2016:
☐ Clearing native vegetation
Contaminated land (unexploded ordnance)
Environmentally relevant activities (ERA) (only if the ERA has not been devolved to a local government)
Fisheries – aquaculture
Fisheries – declared fish habitat area
Fisheries – marine plants
Fisheries – waterway barrier works
Hazardous chemical facilities
Heritage places – Queensland heritage place (on or near a Queensland heritage place)
☐ Infrastructure-related referrals – designated premises
☐ Infrastructure-related referrals – state transport infrastructure
☐ Infrastructure-related referrals – State-controlled transport tunnels and future state-controlled transport tunnels
☐ Infrastructure-related referrals – near a state-controlled road intersection
☐ Koala habitat in SEQ region – interfering with koala habitat in koala habitat areas outside koala priority areas
☐ Koala habitat in SEQ region – key resource areas
Ports – Brisbane core port land – near a State transport corridor or future State transport corridor
Ports – Brisbane core port land – environmentally relevant activity (ERA)
Ports – Brisbane core port land – tidal works or work in a coastal management district
Ports – Brisbane core port land – hazardous chemical facility
Ports – Brisbane core port land – taking or interfering with water
Ports – Brisbane core port land – referable dams
Ports – Brisbane core port land – fisheries
Ports – Land within Port of Brisbane's port limits (below high-water mark)
SEQ development area
SEQ regional landscape and rural production area or SEQ rural living area – tourist activity or sport and
recreation activity
SEQ regional landscape and rural production area or SEQ rural living area – community activity
SEQ regional landscape and rural production area or SEQ rural living area – indoor recreation
SEQ regional landscape and rural production area or SEQ rural living area – urban activity
SEQ regional landscape and rural production area or SEQ rural living area – combined use
SEQ northern inter-urban break – tourist activity or sport and recreation activity



SEQ northern inter-urban break – community activity SEQ northern inter-urban break – indoor recreation SEQ northern inter-urban break – urban activity SEQ northern inter-urban break – combined use Tidal works or works in a coastal management district Reconfiguring a lot in a coastal management district or Erosion prone area in a coastal management district Urban design Water-related development – taking or interfering with value water-related development – removing quarry material Water-related development – referable dams Water-related development – levees (category 3 levees only wetland protection area	Nater (from a watercourse or lake)				
Matters requiring referral to the local government:					
☐ Airport land ☐ Environmentally relevant activities (ERA) (only if the ERA ☐ Heritage places — Local heritage places Matters requiring referral to the Chief Executive of the di	stribution entity or transmission	on entity:			
Infrastructure-related referrals – Electricity infrastructur	0				
 Matters requiring referral to: The Chief Executive of the holder of the licence, if The holder of the licence, if the holder of the licence Infrastructure-related referrals – Oil and gas infrastructure Matters requiring referral to the Brisbane City Council: Ports – Brisbane core port land 	is an individual ure				
Matters requiring referral to the Minister responsible for Ports – Brisbane core port land (where inconsistent with the Ports – Strategic port land					
Matters requiring referral to the relevant port operator , if applicant is not port operator: Ports – Land within Port of Brisbane's port limits (below high-water mark)					
Matters requiring referral to the Chief Executive of the re Ports – Land within limits of another port (below high-water)	· · · · · · · · · · · · · · · · · · ·				
Matters requiring referral to the Gold Coast Waterways A Tidal works or work in a coastal management district (in	-				
Matters requiring referral to the Queensland Fire and Emergency Service: Tidal works or work in a coastal management district (involving a marina (more than six vessel berths))					
18) Has any referral agency provided a referral response f	or this development application?				
☐ Yes – referral response(s) received and listed below ar☒ No	e attached to this development a	application			
Referral requirement	Referral agency	Date of referral response			
•		·			
Identify and describe any changes made to the proposed of referral response and this development application, or incl. (if applicable).		•			

PART 6 - INFORMATION REQUEST

I do not agree to accept an i	the DA Rules ation request if determined neces information request for this development of the second in the secon	opmen edge:	t application	
Rules to accept any additional in	manager and any referral agencies releva formation provided by the applicant for the A Rules will still apply if the application is a	e develo _l	pment application unless agree	d to by the relevant
Part 2under Chapter 2 of the DA	Rules will still apply if the application is for ests is contained in the <u>DA Forms Guide</u> .			il the DA Naies Of
PART 7 – FURTHER D	ETAILS			
20) Are there any associated de	evelopment applications or currer	nt appr	ovals? (e.g. a preliminary app	roval)
	or include details in a schedule to			
List of approval/development application references	Reference number	Date		Assessment manager
Approval Development application				
☐ Approval ☐ Development application				
21) Has the portable long servi operational work)	ce leave levy been paid? (only app	licable to	o development applications invo	lving building work or
☐ Yes – a copy of the receipte	ed QLeave form is attached to this	devel	opment application	
assessment manager decid	ovide evidence that the portable lo es the development application. I al only if I provide evidence that the	ackno	wledge that the assessm	ent manager may
Not applicable (e.g. building	g and construction work is less tha	an \$150	0,000 excluding GST)	
Amount paid	Date paid (dd/mm/yy)		QLeave levy number (A	, B or E)
\$				
22) Is this development applica notice?	tion in response to a show cause	notice	or required as a result of	an enforcement
Yes – show cause or enforce	ement notice is attached			
l⊠ No				

23) Further legislative requirements					
Environmentally relevant ac	ctivities_				
		pplication for an environmenta			
_	<u> </u>	115 of the <i>Environmental Prot</i> or an application for an enviror			
		are provided in the table below			
⊠ No					
Note : Application for an environmen requires an environmental authority		ng "ESR/2015/1791" as a search term ov.au for further information.	ı at <u>www.qld.gov.au</u> . An ERA		
Proposed ERA number:		Proposed ERA threshold:			
Proposed ERA name:					
☐ Multiple ERAs are applica this development application	• • • • • • • • • • • • • • • • • • • •	cation and the details have bee	en attached in a schedule to		
Hazardous chemical faciliti	<u>es</u>				
23.2) Is this development app	olication for a hazardous che	mical facility?			
Yes – Form 536: Notification	ion of a facility exceeding 10%	% of schedule 15 threshold is a	ttached to this development		
No No	for firsther information about beyond	lava ahaminal natifications			
Note: See <u>www.business.qld.gov.au</u> Clearing native vegetation	Tor Turther Information about nazard	ous chemical notifications.			
	application involve clearing (native vegetation that require	s written confirmation that		
23.3) Does this development application involve clearing native vegetation that requires written confirmation that the chief executive of the <i>Vegetation Management Act 1999</i> is satisfied the clearing is for a relevant purpose under section 22A of the <i>Vegetation Management Act 1999</i> ?					
Yes – this development ap Management Act 1999 (s)	- -	firmation from the chief execu	tive of the Vegetation		
⊠ No					
Note: 1. Where a development application for operational work or material change of use requires a s22A determination and this is not included, the development application is prohibited development.					
		ng for further information on how to ob	otain a s22A determination.		
Environmental offsets					
23.4) Is this development appa a prescribed environmental		bed activity that may have a signal Offsets Act 2014?	gnificant residual impact on		
	an environmental offset must al impact on a prescribed env	be provided for any prescribed vironmental matter	d activity assessed as		
⊠ No					
Note : The environmental offset section of the Queensland Government's website can be accessed at www.qld.gov.au for further information on environmental offsets.					
Koala habitat in SEQ Region					
		change of use, reconfiguring to the Planning Regulation			
Yes – the development ap	plication involves premises in	n the koala habitat area in the l	koala priority area		
☐ Yes – the development application involves premises in the koala habitat area outside the koala priority area☒ No					
Note : If a koala habitat area determination has been obtained for this premises and is current over the land, it should be provided as part of this development application. See koala habitat area guidance materials at www.desi.qld.gov.au for further information.					



23.6) Does this development application involve taking or interfering with underground water through an artesian or subartesian bore, taking or interfering with water in a watercourse, lake or spring, or taking overland flow water under the <i>Water Act 2000</i> ?
 Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the <i>Water Act 2000</i> may be required prior to commencing development No
Note: Contact the Department of Resources at www.resources.gld.gov.au for further information.
DA templates are available from <u>planning.statedevelopment.qld.gov.au</u> . If the development application involves:
Taking or interfering with underground water through an artesian or subartesian bore: complete DA Form 1 Template 1
Taking or interfering with water in a watercourse, lake or spring: complete DA Form1 Template 2 Taking or interfering with water as a watercourse, lake or spring: complete DA Form1 Template 2 Taking or interfering with water in a watercourse, lake or spring: complete DA Form1 Template 2
Taking overland flow water: complete DA Form 1 Template 3.
Waterway barrier works
23.7) Does this application involve waterway barrier works?
☐ Yes – the relevant template is completed and attached to this development application☐ No
DA templates are available from <u>planning.statedevelopment.qld.qov.au</u> . For a development application involving waterway barrier works, complete DA Form 1 Template 4.
Marine activities
23.8) Does this development application involve aquaculture, works within a declared fish habitat area or removal, disturbance or destruction of marine plants?
Yes – an associated <i>resource</i> allocation authority is attached to this development application, if required under the <i>Fisheries Act 1994</i>
⊠ No
Note : See guidance materials at <u>www.daf.qld.gov.au</u> for further information.
Quarry materials from a watercourse or lake
23.9) Does this development application involve the removal of quarry materials from a watercourse or lake under the <i>Water Act 2000?</i>
☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development ☐ No
Note : Contact the Department of Resources at www.resources.qld.gov.au and www.business.qld.gov.au for further information.
Quarry materials from land under tidal waters
23.10) Does this development application involve the removal of quarry materials from land under tidal water under the <i>Coastal Protection and Management Act 1995?</i>
☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development☒ No
Note: Contact the Department of Environment, Science and Innovation at www.desi.gld.gov.au for further information.
Referable dams
23.11) Does this development application involve a referable dam required to be failure impact assessed under section 343 of the <i>Water Supply (Safety and Reliability) Act 2008</i> (the Water Supply Act)?
Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the Water Supply Act is attached to this development application
⊠ No
Note: See guidance materials at www.resources.gld.gov.au for further information.

Water resources



Tidal work or development within a coastal management district				
23.12) Does this developmen	t application involve tidal wo	rk or development in a coas	tal management district?	
 Yes – the following is included with this development application: □ Evidence the proposal meets the code for assessable development that is prescribed tidal work (only required if application involves prescribed tidal work) □ A certificate of title ☑ No Note: See guidance materials at www.desi.gld.gov.au for further information. 				
Queensland and local herit	age places			
		oment on or adjoining a place onent's Local Heritage Regist e		
Yes – details of the heritage place are provided in the table below No Note: See guidance materials at www.desi.qld.gov.au for information requirements regarding development of Queensland heritage places. For a heritage place that has cultural heritage significance as a local heritage place and a Queensland heritage place, provisions are in place under the Planning Act 2016 that limit a local categorising instrument from including an assessment benchmark about the effect or impact of, development on the stated cultural heritage significance of that place. See guidance materials at www.planning.statedevelopment.qldgov.au for information regarding assessment of Queensland heritage places.				
Name of the heritage place:	St Pauls Anglican Cathedral Hall Place ID: 601491			
Decision under section 62 of	of the Transport Infrastruct	<u>ure Act 1994</u>		
23.14) Does this development application involve new or changed access to a state-controlled road?				
 ✓ Yes – this application will be taken to be an application for a decision under section 62 of the <i>Transport Infrastructure Act 1994</i> (subject to the conditions in section 75 of the <i>Transport Infrastructure Act 1994</i> being satisfied) ✓ No 				
Walkable neighbourhoods assessment benchmarks under Schedule 12A of the Planning Regulation				
23.15) Does this development application involve reconfiguring a lot into 2 or more lots in certain residential zones (except rural residential zones), where at least one road is created or extended?				
 Yes – Schedule 12A is applicable to the development application and the assessment benchmarks contained in schedule 12A have been considered No Note: See guidance materials at www.planning.statedevelopment.qld.gov.au for further information. 				

PART 8 – CHECKLIST AND APPLICANT DECLARATION

24) Development application checklist	
I have identified the assessment manager in question 15 and all relevant referral requirement(s) in question 17 Note: See the Planning Regulation 2017 for referral requirements	⊠ Yes
If building work is associated with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Building work details</u> have been completed and attached to this development application	∑ Yes ☐ Not applicable
Supporting information addressing any applicable assessment benchmarks is with the development application Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see DAForms Guide: Planning Report Template .	⊠ Yes
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>	⊠ Yes
The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21)	Yes



				Not applicable ■
25) Applicant declaration				☑ Not applicable
☑ By making this development appli	cation. I declare that	all inform	mation in this developm	pent application is true and
correct	cation, rueciare that	all lilloll	nation in this developing	ent application is true and
Where an email address is provided in Part 1 of this for from the assessment manager and any referral agency is required or permitted pursuant to sections 11 and 12			development application	on where written information
Note : It is unlawful to intentionally provide fals Privacy – Personal information collection				
assessment manager, any relevant re which may be engaged by those entire. All information relating to this develop published on the assessment manage. Personal information will not be disclessed to the published on the assessment manage. Regulation 2017 and the DA Rules end as such disclosure is in accordance and Act 2016 and the Planning Regulation Planning Regulation 2017; or required by other legislation (inclusion of the public required by law.) This information may be stored in relevablic Records Act 2002.	eferral agency and/or ties) while processing ment application may er's and/or referral agosed for a purpose ur xcept where: with the provisions abation 2017, and the auding the Right to Information databases. The	building, asses y be avagency's warelated cout publicates runnation	g certifier (including any sing and deciding the deallable for inspection any website. To the <i>Planning Act 20</i> solic access to document ales made under the <i>Planting Act 2009</i>); or action collected will be research.	r professional advisers levelopment application. and purchase, and/or 16, Planning as contained in the Planning anning Act 2016 and etained as required by the
JSE ONLY		OLO		
Date received:	Reference numb	per(s):		
Notification of engagement of alterna	tive assessment man	ager		
Prescribed assessment manager				
Name of chosen assessment manage	er			
Date chosen assessment manager e	ngaged			
Contact number of chosen assessment manager				
Relevant licence number(s) of chosen assessment manager				
QLeave notification and payment Note: For completion by assessment manager	rif applicable			
Description of the work				
QLeave project number				
Amount paid (\$)		Date p	paid (dd/mm/yy)	
Date receipted form sighted by asses	ssment manager			
Name of officer who sighted the form				

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)	Access Recreation Incorporated
Contact name (only applicable for companies)	c/- Capricorn Survey Group (CQ) Pty Ltd
Postal address (PO Box or street address)	PO Box 1391
Suburb	Rockhampton
State	QLD
Postcode	4700
Country	Australia
Contact number	(07) 4927 5199
Email address (non-mandatory)	reception@csgcq.com.au
Mobile number (non-mandatory)	0407 581 850
Fax number (non-mandatory)	n/a
Applicant's reference number(s) (if applicable)	9336

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
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).



application No PART 3 — FURTHER I 4) Is the application only for b Yes — proceed to 8) No 5) Identify the assessment management of the second of the	William Street Plan Type and Number (e.g. RP, SP) R1675 Street Name and Type Denison Street Plan Type and Number (e.g. RP, SP) CP892530	Rockhampton City
Unit No. Street No. 189 Postcode Lot No. 4700 234 Unit No. Street No. 197 Postcode Lot No. 4700 303 Unit No. Street No. 197 Postcode Lot No. 4700 303 Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises are reattached in a schedule to Not required 3) Are there any existing east Note: Easement uses vary througho how they may affect the proposed deapplication No PART 3 − FURTHER II 4) Is the application only for both No. 197 Postcode Lot No. 4700 304 2.2) Additional premises are reattached in a schedule to Not required	R1675 Street Name and Type Denison Street Plan Type and Number (e.g. RP, SP)	1 2
Unit No. Street No. 189 Postcode Lot No. 4700 234 Unit No. Street No. 197 Postcode Lot No. 4700 303 Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises Additional premises are reattached in a schedule to Not required 3) Are there any existing ease Note: Easement uses vary throughoon how they may affect the proposed de application No PART 3 - FURTHER II 4) Is the application only for the Yes - proceed to 8) No 5) Identify the assessment materials Rockhampton Regional Courter 6) Has the local government	R1675 Street Name and Type Denison Street Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
Postcode Lot No. 4700 234 Unit No. Street No. 197 Postcode Lot No. 4700 303 Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises Additional premises are reattached in a schedule to Not required 3) Are there any existing east Note: Easement uses vary througho how they may affect the proposed decrease application No ART 3 — FURTHER I 4) Is the application only for be Yes — proceed to 8) No 5) Identify the assessment mark Rockhampton Regional Cour	Denison Street Plan Type and Number (e.g. RP, SP)	RRC
Postcode Lot No. 4700 234 Unit No. Street No. 197 Postcode Lot No. 4700 303 Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises Additional premises are reattached in a schedule to Not required 3) Are there any existing east Note: Easement uses vary througho how they may affect the proposed decrease application No ART 3 — FURTHER I 4) Is the application only for be No Yes — proceed to 8) No 5) Identify the assessment materials application Regional Courter (6) Has the local government and the street of the proposed of the prop	Denison Street Plan Type and Number (e.g. RP, SP)	Suburb
Unit No. Street No. 197 Postcode Lot No. 4700 303 Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises Additional premises are reattached in a schedule to Not required 3) Are there any existing ease Note: Easement uses vary throughon how they may affect the proposed deapplication No ART 3 — FURTHER I 4) Is the application only for be No. Yes — proceed to 8) No 5) Identify the assessment mark Rockhampton Regional Cour		Rockhampton City
Unit No. Street No. 197 Postcode Lot No. 4700 303 Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises are reattached in a schedule to Not required 3) Are there any existing east Note: Easement uses vary throughout how they may affect the proposed decreased in a schedule to No. No. No. No. 197 ART 3 — FURTHER I. 1984 4) Is the application only for be No. 1985 No. 1985 Solution No. 1987 ART 3 — FURTHER I. 1985 4) Is the application only for be No. 1985 Solution No. 1985 Has the local government in Rockhampton Regional Courter (6) Has the local government in Rockhampton Regional Courter (6) Has the local government in Rockhampton Regional Courter (6) Has the local government in Rockhampton Regional Courter (6) Has the local government in Rockhampton Regional Courter (6) Has the local government in Rockhampton Regional Courter (7) Postcourter (7) Pos		Local Government Area(s)
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Postcode 4700 303 Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises Additional premises are reattached in a schedule to Not required Not required 3) Are there any existing east Note: Easement uses vary throughout how they may affect the proposed decrease application No ART 3 — FURTHER I 4) Is the application only for be No Yes — proceed to 8) No No No No No Has the local government and the No. 197 197 197 208 198 208 208 208 208 208 208 208 2	Street Name and Type	Suburb
Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises Additional premises are reattached in a schedule to Not required 3) Are there any existing ease Note: Easement uses vary throughon how they may affect the proposed deapplication Yes – All easement location application No ART 3 – FURTHER II 4) Is the application only for be No Yes – proceed to 8) No 5) Identify the assessment mark Rockhampton Regional Courted 6) Has the local government	Denison Street	The Range
Unit No. Street No. 197 Postcode Lot No. 4700 304 2.2) Additional premises Additional premises are reattached in a schedule to Not required 3) Are there any existing east Note: Easement uses vary throughon how they may affect the proposed decay application No ART 3 — FURTHER I 4) Is the application only for be yes — proceed to 8) No 5) Identify the assessment mark Rockhampton Regional Courter 6) Has the local government and the street of the stre	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
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Additional premises are reattached in a schedule to Not required 3) Are there any existing east Note: Easement uses vary througho how they may affect the proposed deapplication No ART 3 — FURTHER I 4) Is the application only for be yes — proceed to 8) No 5) Identify the assessment market Rockhampton Regional Cour	RP905533	RRC
Yes – proceed to 8) No No Solution in the interest of the in	ons, types and dimensions are included in	plans submitted with this development
<u> </u>	uilding work assessable against the buildi anager(s) who will be assessing this devel	
		heme for this development application? application anning scheme request – relevant documents

- 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 requ	ests is contained in the <u>DA Forms</u>	<u>Guide</u> .	
8) Are there any associated de			ont application
☐ Yes – provide details below☒ No	or include details in a scrie	dule to this developin	ent application
List of approval/development application	Reference	Date	Assessment manager
☐ Approval☐ Development application			
Approval Development application			
9) Has the portable long service	e leave levy been paid?		
assessment manager decid	vide evidence that the porta es the development applica al only if I provide evidence	able long service leave tion. I acknowledge the that the portable long	e levy has been paid before the hat the assessment manager may service leave levy has been paid
Amount paid	Date paid (dd/mm/yy)	QLeave le	yy number (A, B or E)
\$			
10) Is this development applicanotice?	ation in response to a show	cause notice or requi	ed as a result of an enforcement
☐ Yes – show cause or enforc ☐ No	ement notice is attached		
11) Identify any of the following application	further legislative requirem	ents that apply to any	aspect of this development
☐ The proposed development government's Local Herita requirements in relation to t	ge Register . See the guidar	nce provided at www.	
Name of the heritage place:	St Pauls Anglican Cathe Hall	Place ID:	601491
PART 4 – REFERRAL 12) Does this development application of the Referral checklis. No proceed to Part 5	olication include any building	•	·
☐ No – proceed to Part 5			
13) Has any referral agency pr			
☐ Yes – referral response(s) I ☐ No	eceived and listed below ar	e attached to this dev	elopment application
Referral requirement		Referral agency	Date referral response

	proposed development application that was the subject of the ation, or include details in a schedule to this development application
ART 5 – BUILDING WORK DETA	AILS
14) Owner's details	
	roceed to 15). Otherwise, provide the following information.
Name(s) (individual or company full name)	
Contact name (applicable for companies)	
Postal address (P.O. Box or street address)	
Suburb	
State	
Postcode	
Country	
Contact number	
Email address (non-mandatory)	
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
15) Builder's details	
	o undertake the work and proceed to 16). Otherwise provide the
Name(s) (individual or company full name)	
Contact name (applicable for companies)	
QBCC licence or owner – builder number	
Postal address (P.O. Box or street address)	
Suburb	
State	
Postcode	
Contact number	
Email address (non-mandatory)	
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
Provide details about the proposed building	work
What type of approval is being sought?	
Development permit	
Preliminary approval	
b) What is the level of assessment?	
☐ Code assessment☐ Impact assessment (requires public notification)	
 impact assessment (requires public notification) Nature of the proposed building work (tick all 	Lannicable hoves)
New building or structure	Repairs, alterations or additions
I wew building of Structure	☐ Repairs, alterations of additions

		П			
			ool and/or pool fence		
☐ Demolition ☐ Relocation or removal					
d) Provide a description of the					
Demolition of building (parsona site. Building for demolition is n		er boundary of heritage pla	ce and subject development		
e) Proposed construction mate	rials				
	☐ Double brick	Steel	Curtain glass		
External walls	Brick veneer	Timber	Aluminium		
	☐ Stone/concrete	Fibre cement	Other		
Frame	☐ Timber ☐ Other	Steel	Aluminium		
Floor	Concrete	Timber	Other		
5	☐ Slate/concrete	Tiles	Fibre cement		
Roof covering	Aluminium	Steel	☐ Other		
f) Existing building use/classific	ation? (if applicable)				
Building Works Assessable aga Heritage Place	ainst the Planning Scheme fo	r Demolition of building loca	ated partly on Queensland		
g) New building use/classificati	on? (if applicable)				
g,g acceptance	(eppesia.e)				
h) Relevant plans Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans .					
☐ Relevant plans of the proposed works are attached to the development application					
17) What is the monetary value	of the proposed building wo	rk?			
\$					
18) Has Queensland Home Warranty Scheme Insurance been paid?					
Yes – provide details below					
□ No	Date paid (dd/mm/yy)	Deference num	hor		
Amount paid \$	Date paid (dd/mm/yy)	Reference num	Dei		
Ψ					
PART 6 – CHECKLIST AND APPLICANT DECLARATION					
ARTO - CHECKLIST AND APPLICANT DECLARATION					
19) Development application cl					
The relevant parts of Form 2 − Building work details have been completed ☐ Yes					
This development application includes a material change of use, reconfiguring a lot or Yes					
operational work and is accompanied by a completed Form 1 – Development			☐ Not applicable		
application details					
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 Yes information, see DA Forms Guide: Relevant plans.					
The portable long service leave levy for QLeave has been paid, or will be paid before			Yes		
a development permit is issued (see 9)			Not applicable ■		
20) Applicant declaration					

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

correct

Where an email address is p from the assessment manag information is required or per Note : It is unlawful to intentionally provide	er and any referral rmitted pursuant to	agency for sections 1	r the development appli	cation where written
Privacy – Personal information assessment manager, any refer be engaged by those entities) w All information relating to this depublished on the assessment mersonal information will not be 2017 and the DA Rules except with the private of the second secon	ral agency and/or leading rale processing, as evelopment applica anager's and/or redisclosed for a pur	building cer ssessing ar tion may be ferral agen	rtifier (including any pro nd deciding the develop e available for inspectic cy's website.	fessional advisers which may ment application. on and purchase, and/or
 such disclosure is in accordance Act 2016 and the Planning R Planning Regulation 2017; or required by other legislation otherwise required by law. This information may be stored in accordance and accordance are stored in accordance. 	Regulation 2017, ar or (including the <i>Righ</i>	nd the acce	ess rules made under th	·
Public Records Act 2002.				,
PART 7 – FOR COMPLI JSE ONLY	ETION BY TH	HE ASSI	ESSMENT MAN	AGER – FOR OFFICE
		,		
Date received:	Reference r	numbers:		
For completion by the building c	ertifier			
Classification(s) of approved built	ilding work			
Name		OBCC Ca	ertification Licence	QBCC Insurance receipt
Name		number	ertification Licence	number
National and an arrangement of all				
Notification of engagement of all Prescribed assessment manage		ent manage	er	
Name of chosen assessment man				
Date chosen assessment mana				
Contact number of chosen asse				
Relevant licence number(s) of c manager	nosen assessmen			
Additional information required by	by the local govern	ment		
Confirm proposed construction r	materials:			
External walls	☐ Double brick☐ Brick veneer☐ Stone/concret	e	Steel Timber Fibre cement	☐ Curtain glass ☐ Aluminium ☐ Other
Frame	☐ Timber☐ Other		Steel	Aluminium
Floor	Concrete		Timber	Other
	Slate/concrete	9	Tiles	Fibre cement
Roof covering	Aluminium		☐ Steel	☐ Other

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/classific	cation? (if applicable)			
New building use/classification?				
Site area (m²)		Floor area (m²)		





	AMENDMENTS							
REV	DATE	DESCRIPTION	DRN	CKD	STAGE			
1	03-09-2024	MCU APPLICATION ISSUE						

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DRAWI	NG LIST	
DWG No.	DRAWING NAME	ISSUE
S-01	SITE PLAN - EXISTING AND DEMOLITION	1
S-02	SITE PLAN - PROPOSED	1
S-00	COVER SHEET	1
S-03	PROPOSED LANDSCAPING PLAN	1
S-04	EXISTING SERVICES PLAN	1

Shop 5/10 Denham St, Rockhampton, QLD 4700

PO Box 3371, Red Hill, North Rockhampton, QLD 4701

Phone: 0749 222880 Email: mail@designtek.com.au



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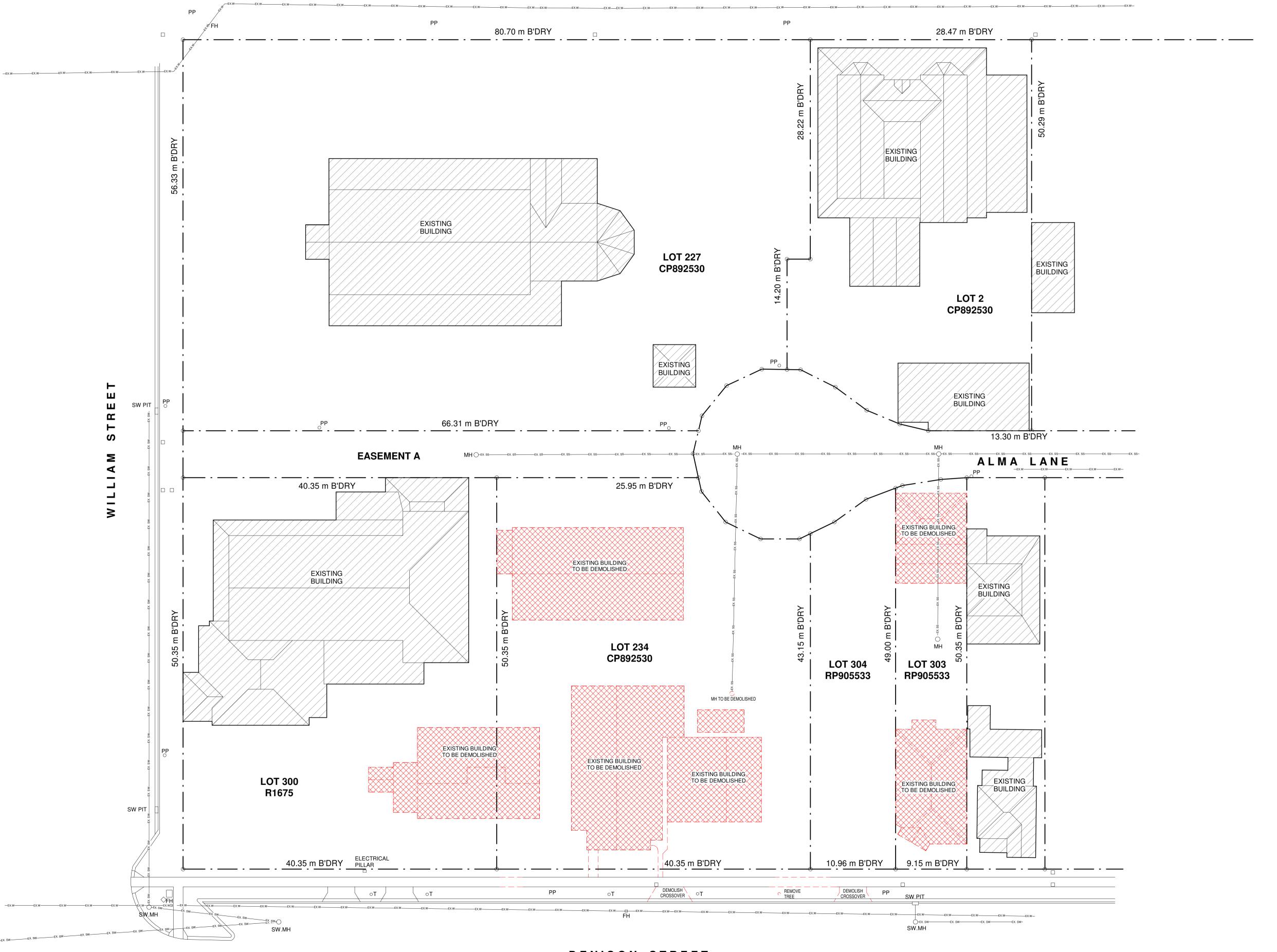
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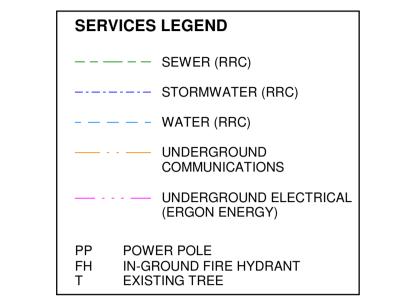
DENISON STREET

SITE PLAN - EXISTING AND DEMOLITION

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NEW OFFICES
189 & 197 DENISON STREET
ROCKHAMPTON QLD 4700

CLIENT:



SITE PLAN - EXISTING AND DEMOLITION

DATE: 03-09-2024 SCALE: DRAWN BY: As indicated ON A1 EM

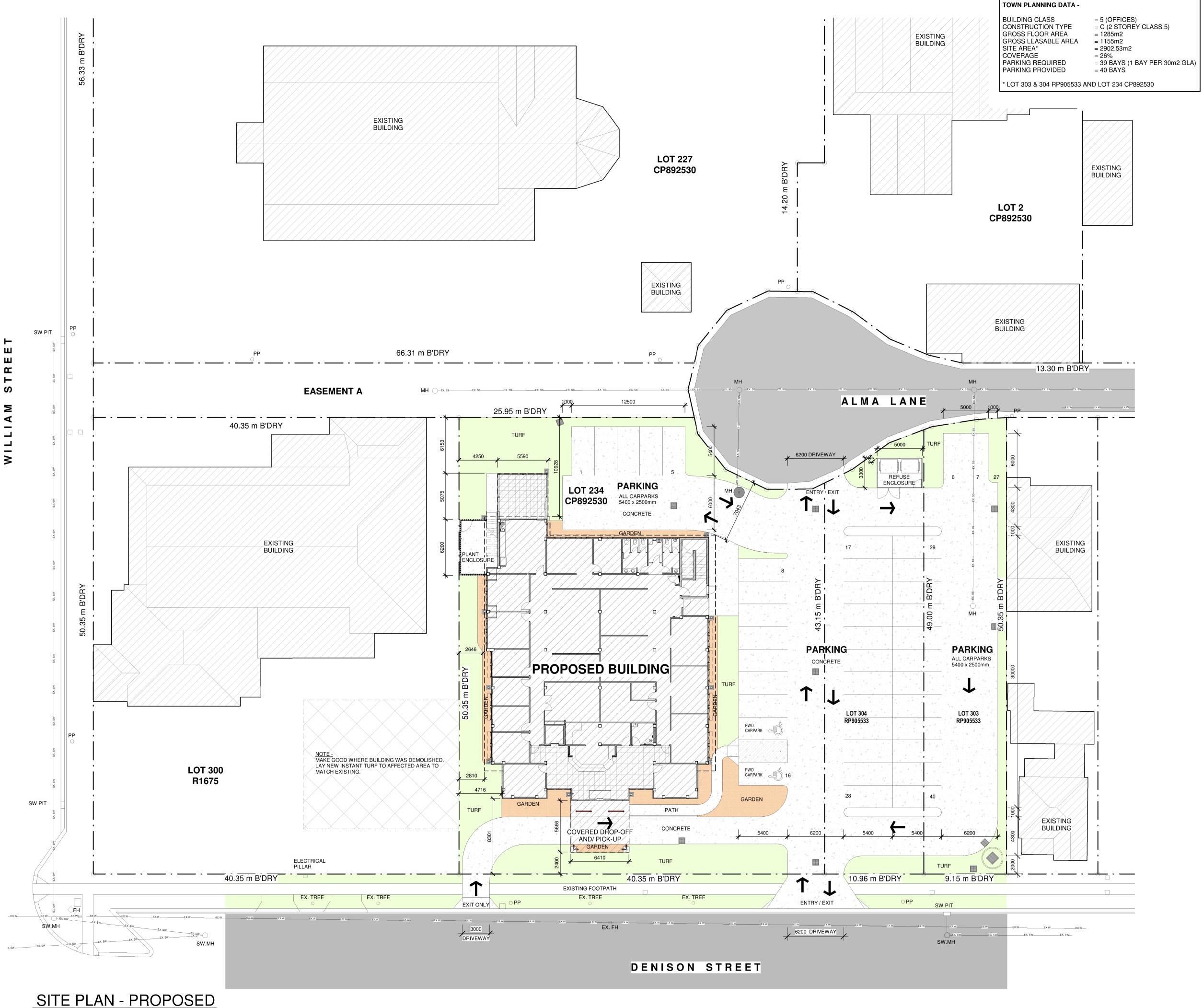


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SITE PLAN - PROPOSED

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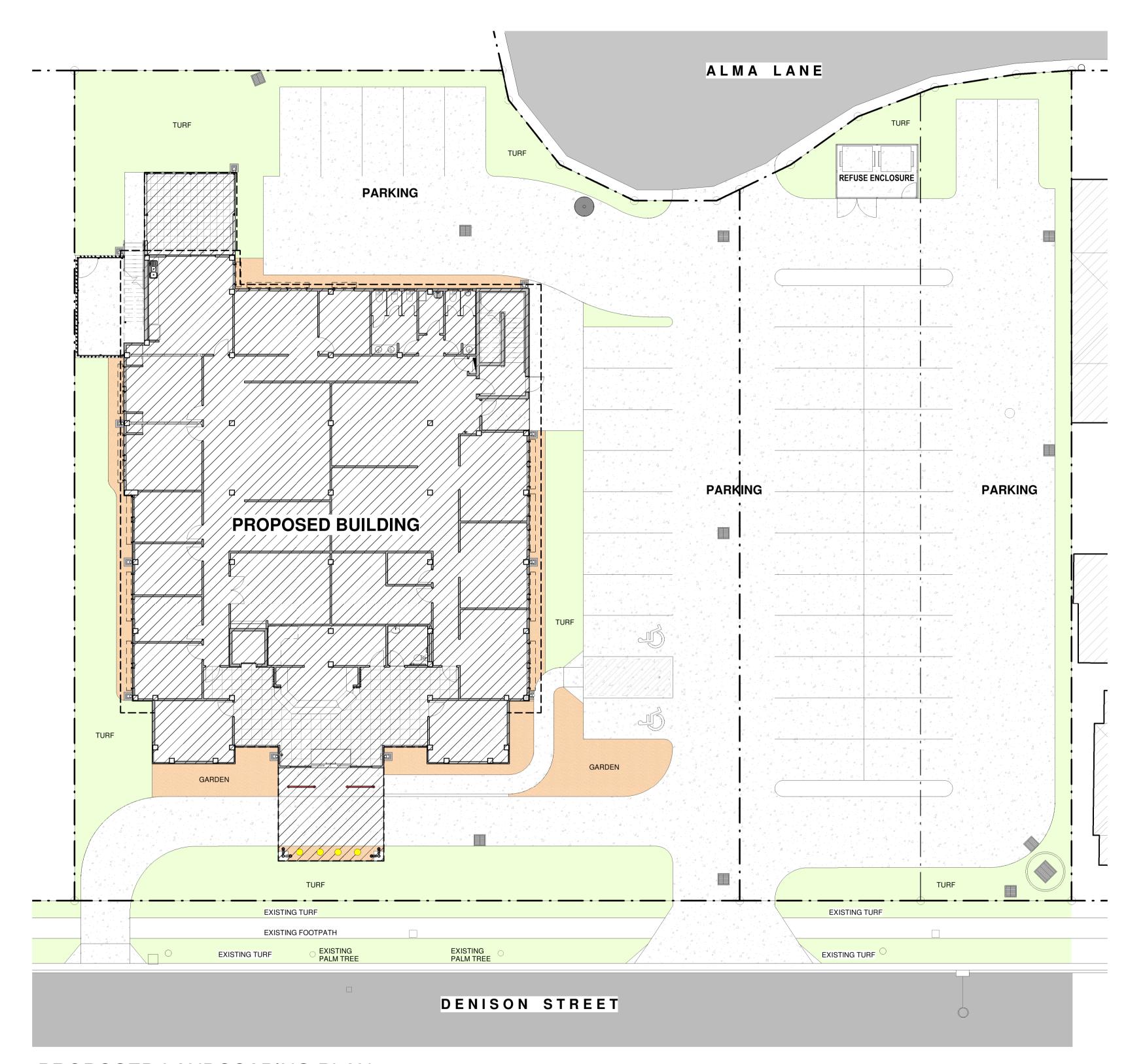


PROJECT NO.

2111-14

DRAWING NO. REVISION:

S-02



PROPOSED LANDSCAPING PLAN

PROPOSED PARKING, CROSSOVERS AND FOOTPATHS PROPOSED TURF - MINIMIUM 100mm TURF UNDERLAY INSTANT, LOCATION SUITABLE, TURF LAID, ROLLED AND WELL WATERED MINIMIUM 100mm GARDEN BLEND SOIL MINIUMIUM 75mm HARDWOOD CHIP MULCH SHRUBS AT TWO METER INTERVALS - REFER SELECTION BELOW GROUND COVER AT ONE METER INTERVALS - REFER SELECTION BELOW SHRUB AND GROUND COVER LAYOUT BY PROFESSIONAL BOTANIST TREE - LEMON SCENT CONIFER - CUPRESSUS MACROCARPA - MIN. 25cm POT SIZE SHRUB AND GROUND COVER SELECTION IXORA 'GOLDFIRE' OR SIMILAR CUPHEA 'WHITE' OR SIMILAR LIRIOPE 'EVERGREEN GIANT' OR SIMILAR PENNISETUM 'PURPLE FOUNTAIN GRASS' OR SIMILAR IRRIGATION PROVIDE SUITABLE AUTOMATED IRRIGATION CONTROLLER/S PROVIDE DRIP-FEED RETICULATION TO ALL GARDEN AREAS

NOTES

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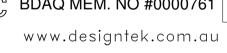
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NEW OFFICES 189 & 197 DENISON STREET ROCKHAMPTON QLD 4700

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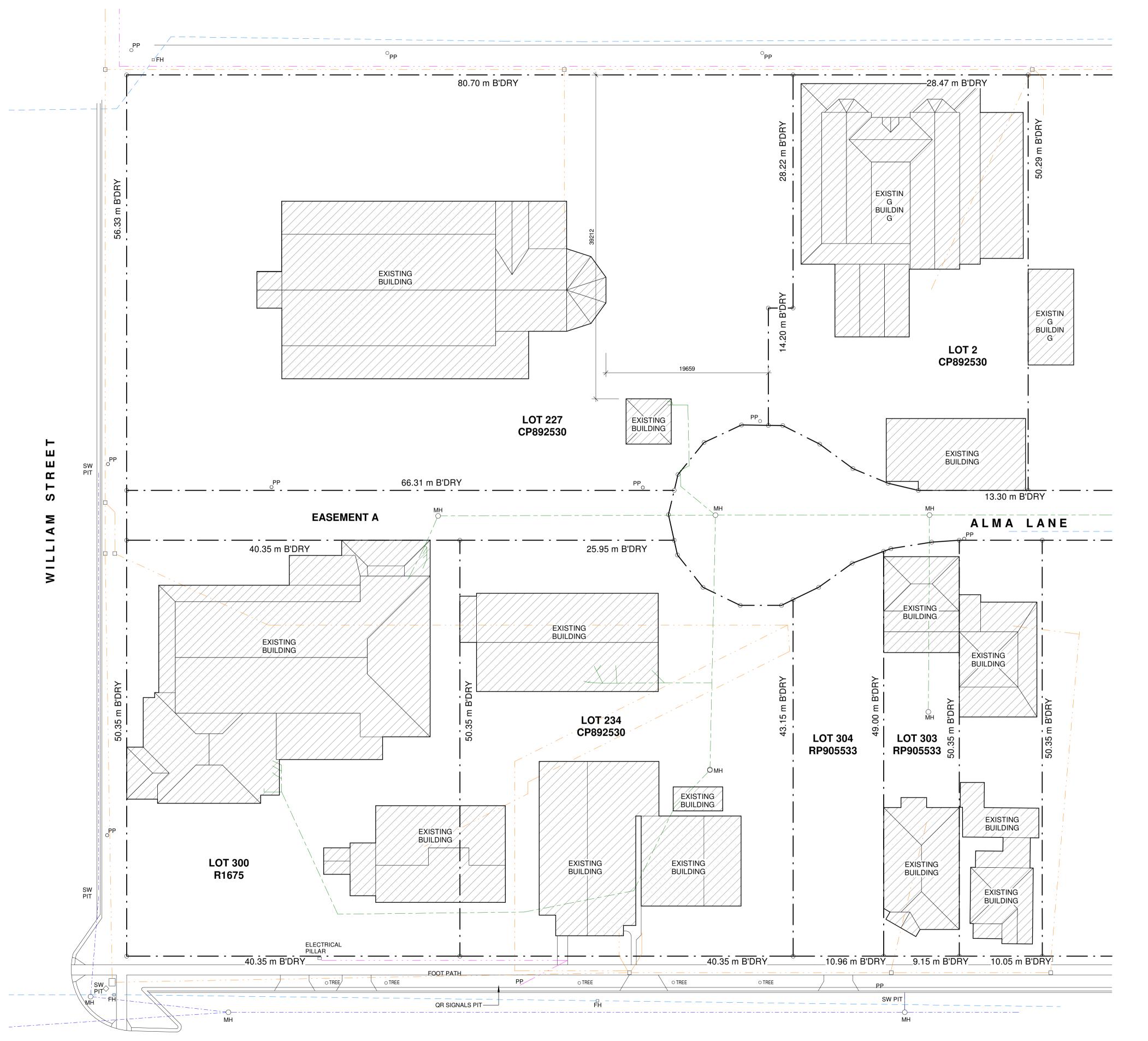
PROPOSED LANDSCAPING PLAN

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ALMA STREET



DENISON STREET

SITE PLAN - EXISTING SERVICES 1:250

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SERVICES LEGEND

---- SEWER (RRC)

- - - - WATER (RRC)

— - - — UNDERGROUND

PP POWER POLE
FH IN-GROUND FIRE HYDRANT
T EXISTING TREE

----- STORMWATER (RRC)

COMMUNICATIONS

— - - - UNDERGROUND ELECTRICAL (ERGON ENERGY)

PRELIMINARY

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PROJECT: **NEW OFFICES 189 & 197 DENISON STREET ROCKHAMPTON QLD 4700**

CLIENT:



EXISTING SERVICES PLAN

As indicated ON A1 Author 03-09-2024



PROJECT NO.

REVISION:

2111-14 DRAWING NO.



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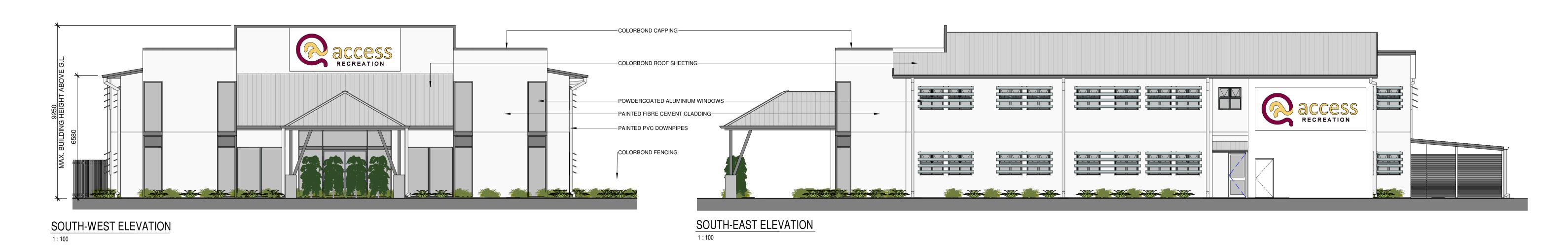
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N-02	EXTERNAL ELEVATIONS	1
N-03	SECTIONS	1

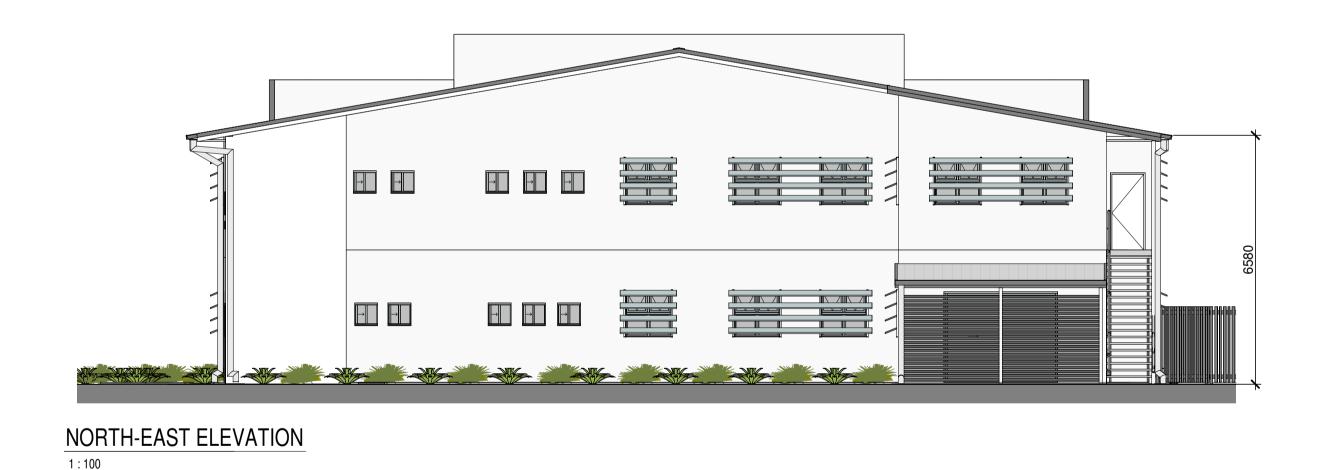
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	CLIENT:
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TITLE:
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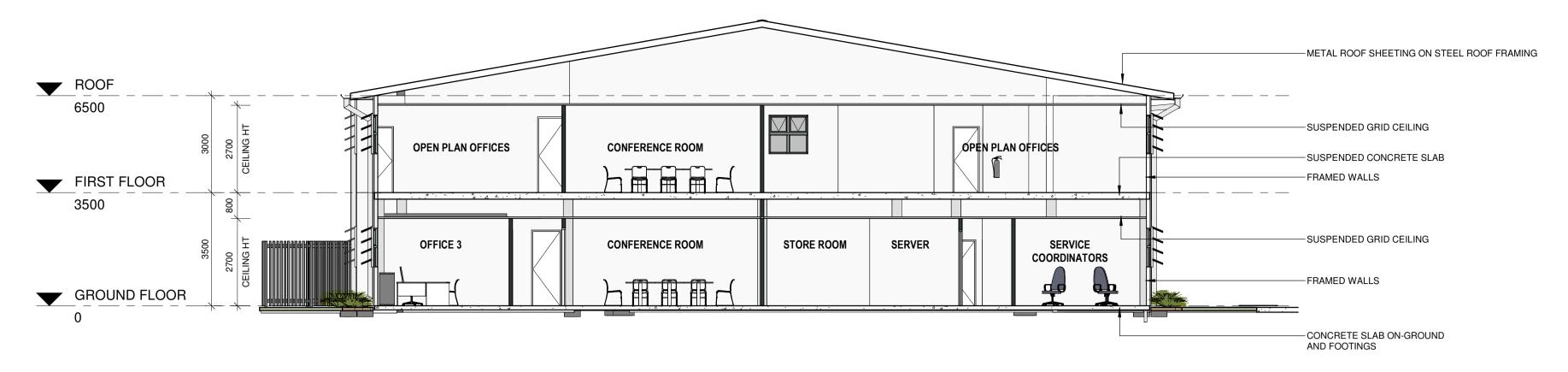


NORTH-WEST ELEVATION

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PRELIMINARY Shop 5/10 Depham St CLIENT: PROJECT: TITLE:

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SECTION A

ROOF 6500 - METAL ROOF SHEETING ON STEEL ROOF FRAMING CONFERENCE ROOM METAL CEILING FIRST FLOOR
3500 RAKED CEILING ROSTER TEAM QUALITY TEAM CONFERENCE ROOM FOYER PORTICO FINANCE OFFICE PRINTING GROUND FLOOR -- CONCRETE SLAB ON-GROUND AND FOOTINGS

SECTION B

PRELIMINARY

AMENDMENTS	Shop 5/10 Denham St, Rockhampton, CLIENT:	PROJECT: NEW OFFICES	SECTIONS	
REV DATE DESCRIPTION DRN CKD STAGE	QLD 4700	189 & 197 DENISON STREET		
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Engineering Infrastructure Report

Access Recreation Office 189 & 197 Denison Street, Rockhampton

Designtek Pty Ltd

24055REP01

Janes and Stewart Structures Pty Ltd

ABN: 30 620 233 025 120 William Street PO Box 1072 Rockhampton QLD 4700

07 4922 1948 janes.and.stewart@jsstructures.com.au



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2024

24055REP01

Revision	Date	Revision Description	Author	Checked	Approval for issue for and on behalf of Janes and Stewart Structures Pty Ltd
А	19 September 2024	For Development Approval	JC	MD	Matthew Dennis RPEQ 24862



Contents

1 Introduction	
2 Sewer Reticulation	
2.1 Sewer Loadings	
3 Water Reticulation	4
3.1 Water Demand	5
4 Access, Traffic Impact and Parking	6
4.1 Road Network	6
4.2 Access and Egress	
4.3 Traffic Impact Assessment	9
4.4 Parking	10
4.5 Refuse Collection	10
5 Conclusion	10

Appendices

- A Proposed Architectural Site Plan
- B Proposed Civil Site Plan
- C Existing Sanitary Drainage Plans
- D Entry & Exit Sight Distance Plan

Date



1 Introduction

Janes and Stewart Structural and Civil consultants has prepared this Engineering Infrastructure Report in support of the Material Change of Use Application on behalf of our client, Designtek. This report relates to the development of a two-storey office building and associated car park infrastructure for Access Recreation, located at 189 & 197 Denison Street, Rockhampton. The development will be constructed over three allotments with the existing buildings on these lots to be demolished. One building which has been built across a property boundary will also be demolished. The real property description of these lands parcels is lot 303 and 304 on RP905533 and lot 234 on CP892530.

This report intends to address the Civil Engineering Infrastructure for the proposed development including sewer reticulation, water reticulation and vehicle access and parking for the project. The report will demonstrate that the development will not negatively impact on existing services, buildings and infrastructure surrounding the subject site through engineered solutions.

The locality of the subject site can be seen in the following illustration and Appendix A details the Proposed Architectural Site Plan.



Figure 1 Locality Image (Image source: QLD Globe)



2 Sewer Reticulation

The existing site currently has access to Rockhampton Regional Council's (RRC) sewerage infrastructure which will be maintained as part of this re-development.

Based on Council's services information, there are currently two 150mm diameter earthenware, gravity sewer mains present, one in lot 303 (197 Denison St) and one in lot 234 (189 Denison St). Both of these connect to the 150mm diameter earthenware gravity sewer main in the Alma Lane road reserve.

Existing sewer access chambers are also in place along these sewer mains, being located both within the lot boundary and in the road reserve. Refer to Appendix C for plans showing sewer drainage reticulation from the existing dwellings to existing council sewerage infrastructure.

The existing sewer layout on the subject site can been seen in the following extract from Rockhampton Regional Council's Geographical Information System (GIS).



Figure 2 Existing Sewer Infrastructure - shown in maroon (Source: RRC Mapping)



Council records show that the sanitary drainage system from the neighbouring lot, lot 300 on R1675, runs under one of the existing dwellings on the subject site and connects to the northernmost access chamber within the subject site. This existing sanitary drain will need to be diverted to avoid crossing through the subject site. This work is to be undertaken as part of a plumbing and drainage application with further discussion and consultation with the adjoining property owner required.

Sanitary drains from lot 1 on RP600895 (199 Denison St) and 2 on RP600895 (170 Alma Lane) also appear to connect to the southernmost access chamber within the subject site. It is anticipated that these existing connections could remain unchanged.

It is proposed that a new sewer access chamber will be installed over the northern, existing 150mm earthenware pipe. This new sewer access chamber would become the point of connection for the new building sanitary drainage to the council-controlled system. The existing sewer pipe upstream of the proposed access chamber will then be redundant. The construction of the new access chamber and new sanitary connection will be subject to a private works quotation for council to undertake these works. All internal sanitary drainage will be documented during the detailed design phases of the project and appropriate approvals sought from Rockhampton Regional Council (RRC). Refer to Appendix B for proposed sewer details.

2.1 Sewer Loadings

The sewer loads have been calculated in accordance with the Capricorn Municipal Development Guidelines (CMDG) – Design Specifications – D12 Sewerage Reticulation. As per table D12.38 – (Typical loadings per development type) from the CMDG, the equivalent tenancies (ET's) were calculated using the rates within this table for a development in a central business district based on the subject sites land area.

The design Average Dry Weather Flow (ADWF) has been based on 540 L/d/ET from the CMDG design specification D12 Table D12.07.01. As per the CMDG sewerage specification, the Peak Dry Weather Flow (PDWF) has been based on 2.5 times the ADWF, and the Wet Weather Flow (WWF) is 5 times the ADWF.

The following table provides a summary of the projected additional sewer loadings from the development:

Table 1 Projected Sewer Loadings

Description	Quantity	Equivalent Tenancy per unit (ET/unit)	Total ET	ADWF	PDWF (2.5 x ADWF)	WWF (5 x ADWF)
Existing Allotments	3 lots	1/lot	4.86	2.62 kL/d	6.561kL/d	13.122kL/d
Existing Charity Store	232 m ² GFA ^[1]	0.8/100m ² GFA	4.00	0.030 L/s	0.076 L/s	0.152L/s
Proposed commercial premises	1,290m² GFA ^[1]	0.8/100m ² GFA ^[1]	10.32	5.573 kL/d 0.065 L/s	13.932 kL/d 0.161 L/s	27.864 kL/d 0.323L/s
Difference	-	-	5.46	2.948 kL/d 0.034 L/s	7.371 kL/d 0.085 L/s	14.742 kL/d 0.171 L/s

[1] GFA: Gross Floor Area



As shown in the table above, there is an increase in flow from the proposed development. However, the additional flow from the development is minimal and this is particularly noticeable when comparing the available pipe capacity of a 150mm diameter sewer main at the pipe grade in the subject site being 1.5%. The 2/3 pipe capacity of a 150mm diameter sewer at a 1.5% grade is around 14.6L/s. This means that the additional wet weather flow (WWF) is approximately 1.2% of the available pipe capacity. Therefore, this increase is expected to have a negligible effect upon the Council's existing infrastructure sewer network with no upgrades required with this development.

3 Water Reticulation

Existing Council water infrastructure is located in the vicinity of the subject site within the Denison Street, road reserve. Rockhampton Regional Council's services information has identified that a single 150mm diameter PVC water main water main is located in the road reserve, running along the front of the site on Denison Street.

The following extract from Council's Geographical Information System (GIS) shows the existing water infrastructure in the vicinity of the development site.



Figure 3 Existing Water Infrastructure – Shown in Blue (Source: RRC Mapping)



An existing fire spring hydrant is located on the 150mm diameter water main in front of lot 234 on CP892530 (189 Denison Street). Therefore, with this hydrant in place, we believe adequate fire hydrant coverage to the site is achieved and therefore no upgrades will be required for fire hydrant accessibility as part of the proposed works.

It is proposed that the site will gain water supply from the connection of the existing 150mm diameter reticulation main. Any existing redundant water service connections from the previous residential dwellings should be removed as part of further detailed design phases of the project. It is recommended the existing water meters are removed and only one water meter reinstated to service the proposed office development.

The hydraulics consultant as part of the future design phases will confirm the size of the water connection required. A pressure and flow test may be necessary to determine adequacy of the existing water reticulation main. Any new connection to council water infrastructure will be subject to a private works quotation for council to undertake the connection works.

3.1 Water Demand

The Design Equivalent Persons (EP) rates were adopted from Table D11.32.01 of the Water Supply Network Design Guidelines D11 of the CMDG. The design Average Daily (AD) Consumption of 500 L/EP/d was adopted as per table D11.07.01 of the CMDG with the following peaking factors assigned:

Mean Day Max Month (MDMM): 1.4 times AD

Max Day (MD): 1.89 times ADMax Hour (MH): 1/12 times MD

Therefore, the following table shows a summary of the additional projected water demand for the proposed office building:

Table 2 Projected Water Demand

	Unit	Equivalent Persons per Unit (EP/Unit)	Equivalent Persons (EP)	Average Daily Consumption (AD)	Mean Day Max Month (MDMM)	Max Day (MD)	Max Hour (MH)
Fuinting Cons	3 lots	3/lot	11.57	5.79 kL/d	8.10 kL/d	10.93 kL/d	0.911 kL/h
Existing Case	232 m² GFA	1/90m²	11.57	0.067 L/s	0.094 L/s	0.127 L/s	0.253 L/s
Proposed	1.290m² GFA	1/90m² GFA	14.33	7.17 kL/d	10.03 kL/d	13.54 kL/d	1.128 kL/h
Development	1,290III- GFA	1/30111- GFA	14.55	0.083 L/s	0.116 L/s	0.157 L/s	0.313 L/s
Difference	_	_	2.76	1.38 kL/d	1.93 kL/d	2.61 kL/d	0.217 kL/h
Difference	_	_	2.70	0.016 L/s	0.022 L/s	0.030 L/s	0.060 L/s

As shown in the table above, the average daily consumption has been projected to increase to an amount of 0.016L/s. This increase is considered negligible when compared to the current catchment that the existing Council water mains service. Therefore, it is proposed that no upgrades will be required to the existing Council reticulated infrastructure associated with this development.



4 Access, Traffic Impact and Parking

4.1 Road Network

The existing road network surrounding the development consists of local government-controlled roads. Therefore, these roads are controlled and maintained by Rockhampton Regional Council. Denison Street mainly services CBD traffic including traffic for nearby facilities such as the Rockhampton Special School. The North Coast Rail line runs centrally along Denison Street, where the rail line is under the jurisdiction of Queensland Rail. Alma Lane only services the commercial buildings between Derby Street and Wiliam Street as well as St Paul's Cathedral. There are no marked car parking spaces accessible from this lane.

Rockhampton Regional Council has identified Denison Street as part of their road hierarchy network as provided in the Rockhampton Regional Planning Scheme 2015 v4.4. The characteristics of the existing road for the frontage of the development site are outlined in the following table:

Table 3 Existing Road Network Summary

Road Name	Denison St	Alma Lane		
Jurisdiction	Council Controlled	Council Controlled		
Road Hierarchy	Urban Minor Collector ^[1]	Urban Access Place ^[1]		
Posted Speed	Signed - 50km/h (40km/h during school zone	Signed 20km/h		
	periods for nearby school)			
Lane Formation	Divided / two-lane / two-way, railway line	Undivided two-way, no through road with		
	central	cul-de-sac		
Carriageway Width	~23m	~6m		
Reserve Width	~30m	~6m		
Kerb and Channel	Yes, both sides	No		
Footpath	Yes: ~1.2m wide footpath both sides of road	No		
On Street Parking	Yes, parallel both sides of street	No		

^[1] Road classification as per Rockhampton Regional Planning Scheme 2015 v4.4.

Street images of Denison Street and Alma Lane are shown in the figure below:



Date 19 September 2024





Figure 4 - Street Views (Source Google Street View. Image dates Dec 2022, April 2023 Respectively)

4.2 Access and Egress

The site has frontage and access to both Denison Street & Alma Lane. There is one existing, sealed crossover from Alma Lane and two from Denison Street. It is intended that the existing crossovers will be removed as part of the development works and new crossovers installed as part of the proposed development. A new two-way crossover will be installed to allow access and egress to and from Denison Street to an off street car park. As well as this, a new one-way entry only crossover is proposed off Denison Street for access to a set-down / drop-off facility. Due to the railway infrastructure separating lanes, the accesses from Denison Street will be left turn only from the south bound lane. Egress to Denison Street will also be left turn only to continue on the southbound lane.

A crossover is also proposed on Alma Lane which is intended to be a two-way access. Considering the lower daily traffic on this street compared to Denison Street, it is expected this access will experience much lower traffic volumes than the crossovers on Denison Street. Refer to Appendix D for proposed Access and Egress strategy.

Due to the existing railway and electrical infrastructure in the road reserve near the northern, Denison Street boundary, the available width does not allow a commercial style crossover in accordance with the CMDG to be installed. Therefore, it is intended that the geometry for a residential style corridor be used for this crossover. We believe that this is acceptable as the separation from the Denison Street traffic lane to the crossover, due to the on-street parking lane, allows additional space for vehicles to turn and access the crossover more straight on. The intended traffic utilising the set-down drop-off lane are expected to be very minimal and primarily cater for cars up to and including the B99 standard and the occasional small delivery truck.

The primary vehicle access to the site is intended to be via the new two-way vehicle crossover to Denison Street. The addition of the two-way access to Alma Lane provides the ability for service vehicles including the refuse collection vehicles to enter and exit the site in a forward manner, travelling through the proposed off-street car park.



Sight Distance

An assessment of the proposed primary crossover to Denison Street has been conducted in relation to appropriate sight distance requirements. While parking is allowed on Denison Street there is no marked parking bays except for two at the northern end of the site. For vehicles exiting the site, available stopping sight distance to the north only has been checked for the cross-over due to the exit of the site being left turn only. Refer Appendix D for stopping site distance details.

Section 3.4 of the Austroads Guide to Road Design Part 4A: Unsignalised and Signalised intersections provides guidance on sight distance requirements at property entrances. In particular, for non-domestic accesses (commercial), section 3.4 refers to the requirements of AS2890.1:2004 Parking Facilities Part 1: Off-Street car parking. Part 3.2.4 and Figure 3.2 of AS2890.1:2004 provides recommended sight distance at access driveways for various frontage road speeds. The following table provides a summary of the sight distance requirements for the Denison Street vehicle access to the proposed office building car park:

Table 4 Existing Sight Distance (Denison Street Primary Crossover)

Description	Denison St, North From Primary Crossover	Unit
Decision Time (Desirable Gap)	5.0	S
^[1] Operating Speed, V	60	km/h
Sight Distance Required by Figure 3.2 AS2890.1:2004	83	m
Sight Distance Achieved	83+	m

[1] The operating speed has been taken as 10km/h above the signposted speed limit

As shown above, the sight distance can be achieved with the proposed layout and therefore is acceptable in regards to sight distance requirements.



4.3 Traffic Impact Assessment

The proposed development is expected to have a minor increase in vehicles entering and exiting the site daily considering the proposed change of purpose of the site. As aforementioned the design vehicle for the development is the Refuse collection vehicle however the primary vehicles are intended to be cars up to the B99 standard. In the pre-developed case one dwelling has access via Alma Lane, with the other dwellings and charity store obtaining access via Denison Street. For the post-developed case, it is assumed that 90% of vehicle access and egress will be via Denison Street and the remaining 10% will obtain access and egress via Alma Lane. The estimated entry and exit traffic volumes for both the pre-development and post-development case are compared in the table below.

Table 5 - Traffic Generation Summary

Case	Туре	Quantity	Generated Daily Traffic/type	Total Daily Traffic - vpd	Daily Traffic - vpd (Denison St)	Daily Traffic – vpd (Alma Lane)
Pre-	Dwelling Houses	3/ Denison St 1/ Alma Lane	10/dwelling [1]	70	71	o
Development	Charity Store	232m² GFA	17/100m ² GFA [2], [3]	79		8
Post- Development	Office	1,290m² GFA	10/100m ² GFA [1]	129	116	13
			Difference	+50	+45	+5

^[1] Traffic Generation as per RTA - Guide to Traffic Generating Developments, Version 2.2, October 2002

As can be seen in the table above, it is expected that this development will increase traffic generated by 44 vehicles per day. Information provided by Rockhampton Regional Council shows the section of Denison Street, between Derby Street and Stanley Street, has an Annual Average Daily Traffic (AADT) of 1836 vehicles per day (vpd). Considering the daily traffic generated is only expected to increase by 2.45%, the effects of this development are considered negligible.

Furthermore, the Rockhampton Regional Planning Scheme states that Urban Minor Collector roads may have an AADT of up to 3000 vehicles per day. Even with the minor increase in daily traffic, the expected AADT is well below the maximum limit for an Urban Minor Collector as stated in the CMDG. Therefore, no upgrades are proposed to Denison Street with this development.

Similarly, the expected traffic volumes to Alma Lane from the development are estimated to only be slightly higher than that generated from the existing site at only 5 vehicles per day. Therefore, this increased is anticipated to have a negligible impact to Alma Lane and no upgrades are proposed to Alma Lane with this development.

^[2] Traffic Generation as per RMS - Guide to Traffic Generating Developments, TDT 2013/04a, August 2013

^[3] Traffic generation data of a Bulk Goods Retail Store has been used for the exiting charity store as this most closely represents the type of store from the data available.



4.4 Parking

It is proposed that an off-street car_park will be installed to allow an appropriate quantity of car parks for the proposed development. Rockhampton Region Plannings Scheme (RRPS) requires one space for every 30m² of Gross Leasable Floor Area (GLFA) for locations within the principal centre. The GLFA for this development is 1155m². As such the calculated number of car parking spaces required for this development is 38.5. It is proposed that the off-street car park will have 40 spaces, two of which will be accessible parking bays with a suitable shared zone to comply with Australian Standards. Therefore, the proposed car_park meets the requirement of the RRPS.

4.5 Refuse Collection

Refuse collection from the proposed office building is intended to be managed by a commercial skip bin service. As mentioned previously the refuse collection vehicle is proposed to enter the site via Denison Street and exit onto Alma Lane.

5 Conclusion

This Civil Engineering Infrastructure Report for the new offices for Access Recreation at 189 & 197 Denison Street, Rockhampton, indicates that there is no negative impact to the existing infrastructure surrounding the site. A workable strategy has been obtained in relation to the water and sewer connections, and access, traffic impact and parking.

Minor alterations in the design may eventuate from future applications, however the fundamentals of the design strategy ensure that service provisions will not pose a serious constraint to development.

If you should have any questions regarding this report, please do not hesitate to contact the office of Janes and Stewart Structures Pty Ltd (07) 4922 1948.



Appendix A

Proposed Architectural Site Plan

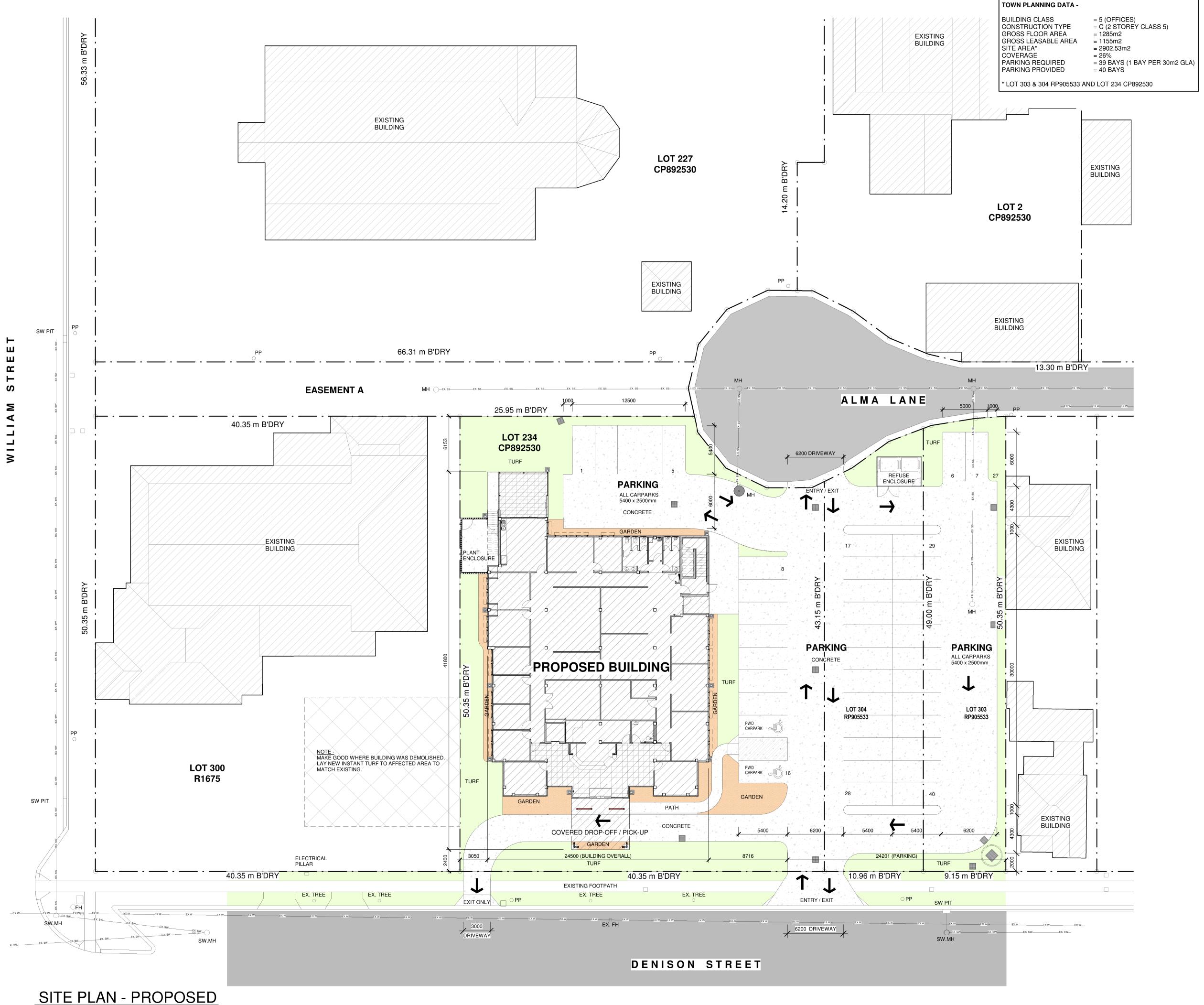
Access Recreation Office 189 & 197 Denison Street, Rockhampton Designtek Pty Ltd

24055REP01

Janes and Stewart Structures Pty Ltd

ABN: 30 620 233 025 120 William Street PO Box 1072 Rockhampton QLD 4700

07 4922 1948



NOTES

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REV	DATE	DESCRIPTION	DRN	CKD	STAGE				
1	03-09-2024	MCU APPLICATION ISSUE							

PRELIMINARY

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PO Box 3371, Red Hill North Rockhampton, QLD 4701

Phone: 0749 222880 Email: mail@designtek.com.au



DCC BDAQ MEM. NO #0000761



SITE: PROJECT: **NEW OFFICES 189 & 197 DENISON STREET ROCKHAMPTON QLD 4700**

CLIENT:



SITE PLAN - PROPOSED

SCALE: DRAWN BY:
As indicated ON A1 EM 03-09-2024 PROJECT NO.



DRAWING NO. REVISION:



Appendix B

Proposed Civil Site Plan

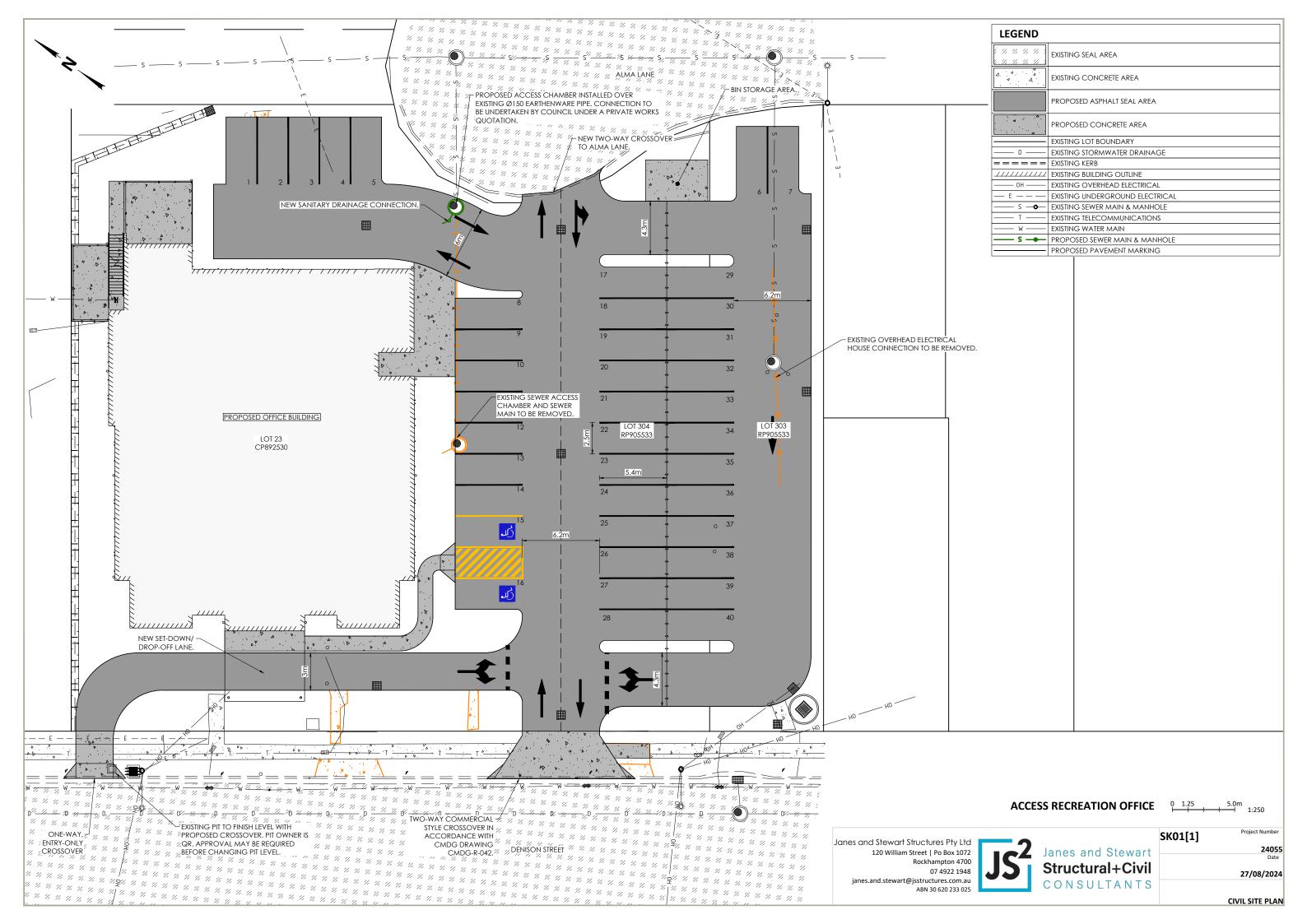
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Appendix C

Existing Sanitary Drainage Plans

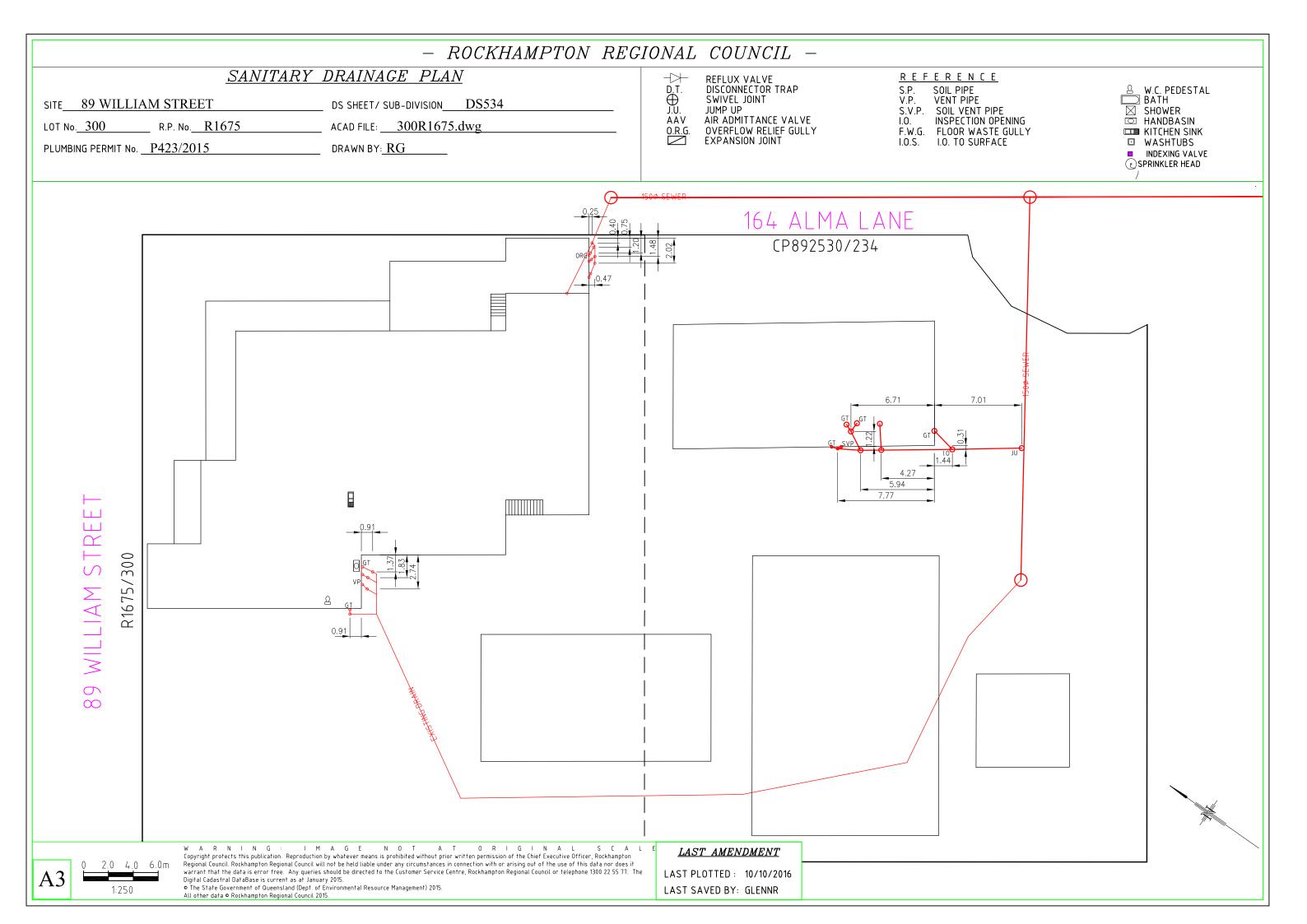
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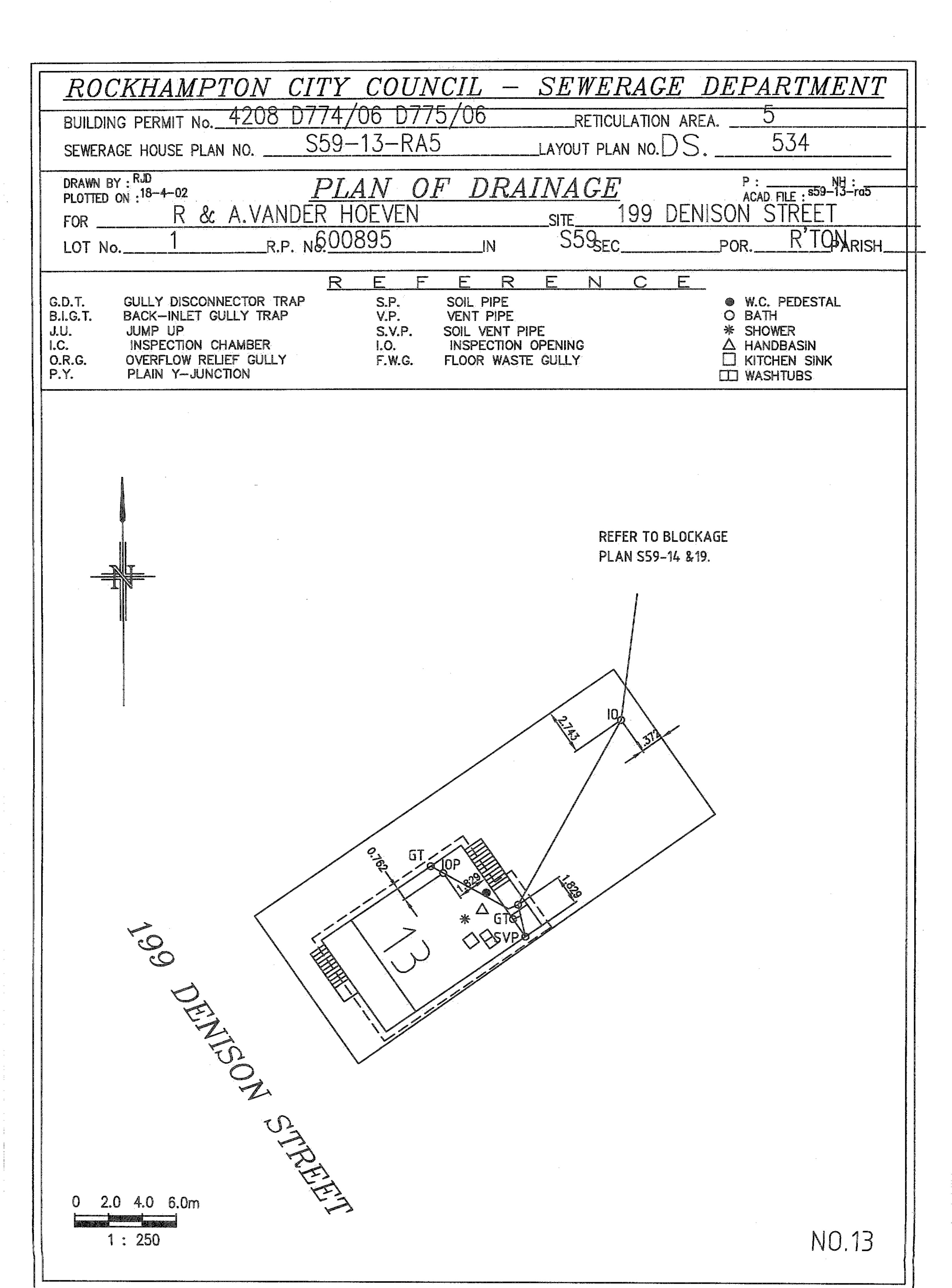
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Appendix D

Entry & Exit Site Distance Plan

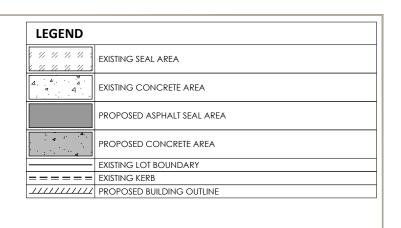
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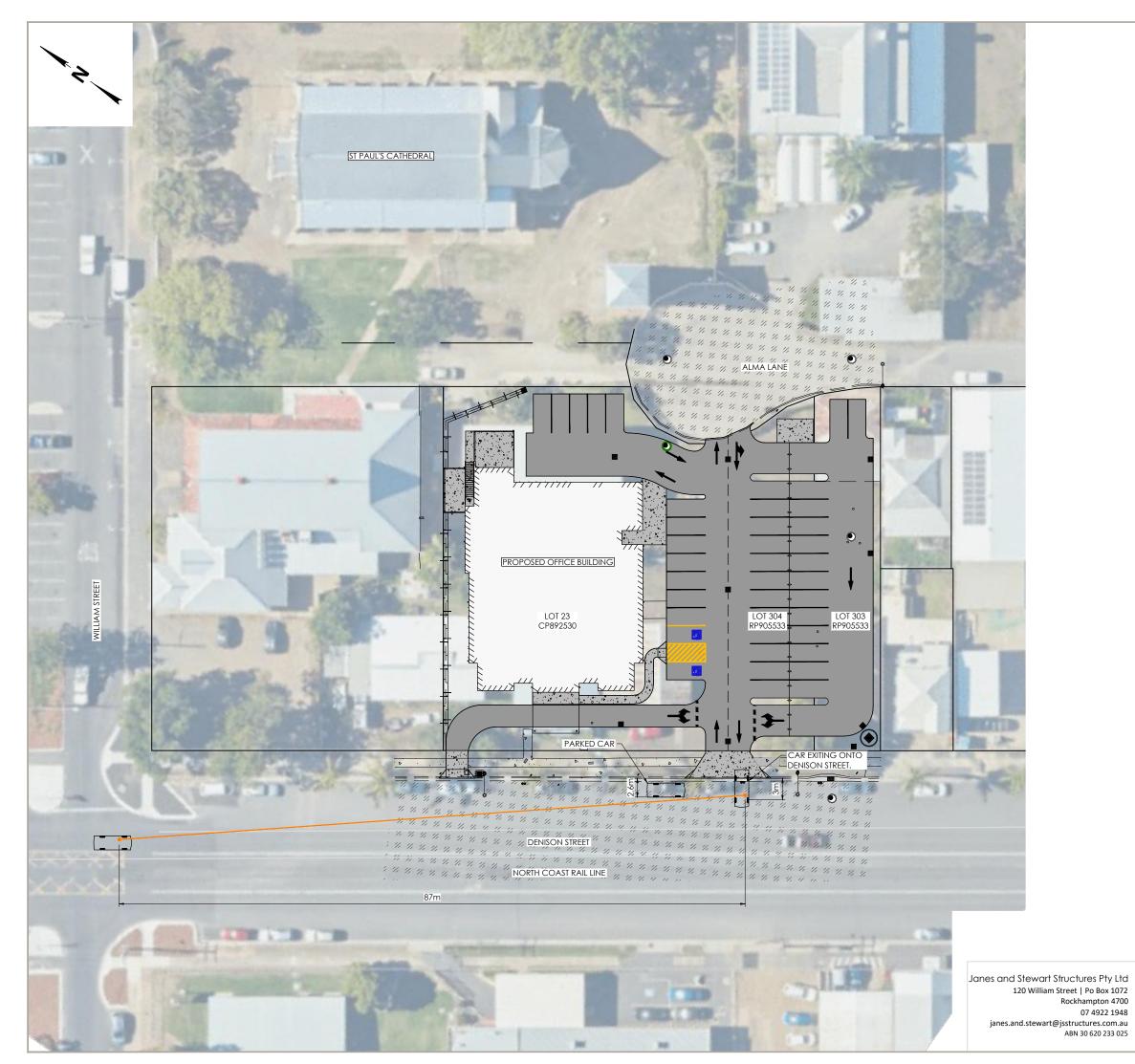
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ACCESS RECREATION OFFICE 0 2.5 10.0m 1:500

Janes and Stewart
Structural+Civil
CONSULTANTS

sk06[1] tewart +Civil

27/08/2024

24055

DENISON STREET CROSSOVER SIGHT DISTANCE PLAN



Stormwater Management Report

Access Recreation Office 189 & 197 Denison Street, Rockhampton

Designtek Pty Ltd

24055REP02

Janes and Stewart Structures Pty Ltd

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24055REP02

Revision	Date	Revision Description	Author	Checked	Approval for issue for and on behalf of Janes and Stewart Structures Pty Ltd
А	19 September 2024	For Development Approval	JC	MD	Matthew Dennis RPEQ 24862



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Appendices

- A Existing Stormwater Catchment Plan
- B Proposed Stormwater Catchment Plan
- C Stormwater Management Plan
- D Stormwater Quality Catchment Plan
- **E** Stormwater Calculations

Date



1 Introduction

Janes and Stewart Structural and Civil consultants have prepared this Stormwater Management Report in support of the Material Change of Use Application on behalf of our client, Designtek Pty Ltd. This report relates to the development of an office building for Access Recreation located at 189 & 197 Denison Street, Rockhampton. The development will also include a new off-street car park facility, pathway links connecting the office to the carpark and associated civil infrastructure. The rest of the site will be landscape or turfed areas. The development will take place over three existing lots with the real property description of these lots being lots 303 and 304 on RP905533 as well as lot 234 on CP892530. The existing buildings on these three allotments are to be demolished to make way for the proposed development.

This report intends to address stormwater drainage relating to the development works including an assessment of stormwater quantity and quality measures.

The locality of the subject site can be seen in the following illustration.



Figure 1 Locality Image (Image source: QLD Globe)





2 Stormwater Quantity

A review has been undertaken for the stormwater management of the development to ensure that no significant adverse impacts occur to adjacent and downstream properties and infrastructure from the proposed office development and to determine if any stormwater mitigation strategies are required as part of the development.

2.1 Existing Case

The existing site intended for this development is currently occupied by existing buildings spread over the three lots. One building on the site of 189 Denison Street currently serves as the Anglicare bargain store whilst the other buildings on the site are considered to be former residences associated with the Anglican church. One building is built over the boundary of the subject site with a neighbouring site. The existing residential dwelling at 197 Denison Street is also intended to be removed. The main characteristics of the site from a stormwater perspective are summarised below:

- The site has 6 existing buildings with grass/vegetation covering the remainder of the site.
- A crown exists through the site running in a similar direction to the streets.
- The site falls towards both Denison St & Alma Lane due to the crown.
- There is an existing stormwater drainage system in the Denison St, road reserve.
- An existing kerb inlet and access chamber is positioned adjacent the southern corner of the subject site on Denison Street which connects to a 1,050mm diameter RCP.
- This pipe connects to two 1,800mm diameter RCP's at Derby St which discharges to the Fitzroy River.
- There is no existing underground stormwater drainage system in Alma Lane.

An overview of the existing council-controlled stormwater system near the development site can be seen below.



Figure 2 - Existing Stormwater Infrastructure - Shown in Green (Source: RRC Mapping)



Existing Catchments

The site-based catchments have been determined from a desktop analysis of aerial contours and detailed survey information. Catchment EX-1 falls towards Denison St and to the kerb inlet near the site. Catchment EX-2 falls to Denison St, after the kerb inlet near the site. Catchment EX-3 flows towards Alma Ln and then would continue down to Derby St. Refer to Appendix A for the Existing Site Catchment Plan. The stormwater characteristics of the catchment are shown in the table below including peak flow calculations for minor and major design storms determined using the Rational Method in accordance with the Queensland Urban Drainage Manual (QUDM) 2017:

Table 1 - Existing Catchment Runoff Table

Catchment ID	EX-1	EX-2	EX-3	Unit
Discharge Location	Denison St Kerb Inlet	Denison St	Alma Lane	
Catchment Area	0.2516	0.2012	0.4286	ha
Fraction Impervious	74.9	27.3	59.8	%
Critical Time of Concentration	15 ^[1]	15 ^[1]	15 ^[1]	minutes
Coefficient of Discharge (C10)	0.825	0.663	0.78	-
Minor Design Storm 10% AEP	0.082	0.053	0.132	m³/s
Major Design Storm 1% AEP	0.149	0.096	0.241	m³/s

[1] Time of Concentration taken as standard inlet time as per QUDM 4.6.4, Table 4.6.2

Kerb Inlets – Denison St

The kerb inlets in Denison St are CM Pits with both side and grate inlets. The kerb inlet capacity has been calculated from the design chart in Appendix E. The existing capacity for both the minor and major storm event are shown in the table below.

Table 2 - Kerb Capacity Table

Description	2.4m CM Kerb Inlet – 197 Denison St
Incoming Flow (10% AEP)	0.082 m ³ /s
Incoming Flow (1% AEP)	0.149 m ³ /s
Longitudinal Road Grade	1%
Road Cross Fall	2.5%
Inlet Capacity (10% AEP)	0.060 m ³ /s
Inlet Capacity (1% AEP)	0.095 m ³ /s

In both the 10% AEP and 1% AEP cases the inflow is larger than the capacity of the kerb inlet. Therefore, flow will bypass the kerb inlet and will continue overland flow down Denison St, towards Derby St.



Pipe Capacity & Surface Flow

Both kerb inlets connect to a 375mm diameter reinforced concrete pipe (RCP). Both of these pipes connect to the same 1,050mm diameter RCP in Denison Street. The full capacity at grade of these pipes and the available capacity during a minor storm event of the 375mm diameter pipes have been calculated and shown in the table below:

Table 3 – Existing Surface Flow Characteristics Table

Description	Minor Storm (10% AEP)	Major Storm (1% AEP)
Dino	EX. 375mm Pipe – 197	Ex. 375mm Pipe – 197
Pipe	Denison St	Denison St
Material	RCP	RCP
Grade ^[1]	1% (Assumed)	1% (Assumed)
Capacity at Grade (no head)	0.190m³/s	0.190 m ³ /s
Inflow (Kerb Inlet)	0.060m ³ /s	0.095m³/s
Available Capacity (EX. Pipe)	0.130m ³ /s	0.085m³/s
Bypass Flow (Kerb Inlet)	0.022m ³ /s	0.054m ³ /s
Surface Flow (EX-2)	0.053m ³ /s	0.096m³/s
Total Surface Flow	0.075m ³ /s	0.150m ³ /s

^[1] In the absence of existing invert level for the existing stormwater system on Denison St, pipe gradients have been assigned to be the same as the longitudinal road grade.

The 1,050mm diameter RCP is a part of a much larger stormwater network. It is not practical to calculate the entire inflow or reserve capacity of this pipe when the size of the proposed development is much smaller when compared to the size of the catchment for this stormwater network.

In both the major and minor case, the flow into the existing 375mm stormwater pipe is restricted by the capacity of the kerb inlet. Considering the flow generated from catchment EX-1 is larger than the capacity of the kerb inlet, the excess flow will bypass the kerb inlet and continue on Denison St. Stormwater generated in catchment EX-2 will also discharge to the Denison St Road Reserve to the existing kerb and channel.

Road Capacity – Denison Street

Considering the kerb inlet located in Denison St does not have the capacity for the entire flow of catchments EX-1 and EX-2 in the minor and major case. It is expected the remaining flow will be channelled down Denison St. The capacity of the road has been calculated to find the expected depth of flow at the invert of the kerb and channel. Detailed calculations of the road capacity are shown in Appendix E. The table below shows the results of the road capacity:

Table 4 - Existing Road Flow

Description		Unit
1% AEP surface flow [1]	0.150	m³/s
Flow depth in 1% AEP (eastern kerb line)		mm
Maximum approximate half road capacity		m³/s
Maximum flow depth before leaving road reserve	200	mm

^[1] Surface flow is a combination of flow from EX-1 bypassing the kerb inlet and EX-2.



The road at this point of Denison St still has a significant amount of capacity. The flow at this point would still be contained within the kerb and channel. The road profile has been estimated from aerial contours and a desktop analysis of the critical dimensions of the Denison Street cross section adjacent the site.

2.2 Proposed Development Case

The proposed development consists of a two-storey office building, an off-street car park and pathway links associated. The stormwater drainage strategy for the site is proposed to incorporate a pit & pipe system under the car park, discharging to the existing 375mm diameter reinforced concrete pipe in Denison Street. This internal pit and pipe system is intended to convey surface run-off for the majority of the carpark area. The roofwater drainage for the new office building is also intended to connect to the new internal pit and pipe system. The preliminary pit and pipe network has been sized to convey the minor storm event (10% AEP) to the legal point of discharge, in this case being the Denison Street road reserve and the existing stormwater system contained the road corridor. It should be noted that the internal pit and pipe drainage system is subject to further detailed design and could vary from what is shown in this report. However, the overall intent and discharge arrangement is expected to remain the same as documented in this report.

With the introduction of the new pit and pipe system directly into the existing Council network, it is expected that the surface overland flow to Denision St and Alma Ln will reduce compared to the existing case. The proposed development will reduce the catchment discharging to Alma Lane. This is considered to be of benefit to all parties as Alma Lane does not have sufficient kerbs to channel water over the road and no underground stormwater infrastructure is currently in place within the lane.

The intended Stormwater Management Plan is shown in Appendix C of this report.

Proposed Catchments

The overall proposed catchment boundaries are similar to the existing overall catchments. The proposed development will change the flow path of stormwater slightly so there is a change to the catchment boundaries. The area impervious will also increase as expected with this development. The Proposed Catchment plan is shown in Appendix B and the proposed catchment characteristics are shown below:

Table 5 - Proposed Catchment Runoff Table

Catchment ID	PR-1	PR-2	PR-3	Unit
Discharge Location	Denison St	Denison St	Alma	
	Kerb Inlet ^[1]	Kerb Inlet ^[2]	Lane	
Catchment Area	0.2567	0.2789	0.3458	ha
Fraction Impervious	62.8	82.3	58.3	%
Critical Time of Concentration	15 ^[3]	15 ^[3]	15 ^[3]	minutes
Coefficient of Discharge (C10)	0.788	0.85	0.775	
Minor Design Storm 10% AEP	0.080	0.094	0.106	m³/s
Major Design Storm 1% AEP	0.146	0.167	0.193	m³/s

^[1] Flow will bypass to Denison St Road Reserve when kerb inlet capacity is exceeded.

^[2] Minor Design Storm flow will travel through proposed pit and pipe system. When existing 375mm diameter pipe capacity is exceeded, flow will bypass to Denison St Road Reserve.

^[3] Time of Concentration taken as standard inlet time as per QUDM 4.6.4, Table 4.6.2.

Site Pit and Pipe System

The site pit and pipe system is proposed to be installed within the car park area, with allowance for the building roofwater to connect to this system. The system will be within catchment PR-2, and will reduce the surface flow discharging over land towards Denison St.

The site outlet pipe discharging to the existing Council stormwater system is proposed to be a 375mm diameter pipe at a minimum grade of 0.5%, with the capacity of the pipe at this grade is 0.134m3/s. The capacity of this pipe is intended to be sufficient to convey the entire minor storm flow from catchment PR-2. The table below shows the capacity and flow into the existing 375mm pipe as well as the flow bypassing the existing Council stormwater system directly in front of the site:

Table 6 - Proposed Surface Flow Characteristics Table

Description	Minor Storm (10% AEP)	Major Storm (1% AEP)
Pipe	EX. 375mm Pipe – 197 Denison St	Ex. 375mm Pipe – 197 Denison St
Material	RCP	RCP
Grade ^[1]	1% (Assumed)	1% (Assumed)
Capacity at Grade (no head)	0.190m³/s	0.190 m ³ /s
Inflow (Kerb Inlet)	0.060m ³ /s	0.095m ³ /s
Inflow (New Pit & Pipe): PR-2	0.094m³/s	0.094m³/s ^[1]
Reserve Capacity (EX. Pipe)	0.036m ³ /s	0.001m ³ /s
Bypass Flow (Kerb Inlet)	0.020m³/s	0.124m³/s ^[2]
Bypass Flow (Pit & Pipe)	0.000m³/s	0.000m³/s
Total Bypass Flow	0.020m³/s	0.124m³/s

^[1] Pit and Pipe System limited by the existing pipe capacity.

As shown in the table above, the existing 375mm diameter reinforced concrete pipe has enough capacity to cater for the entire flow from the pit and pipe system in catchment PR-2 in a minor storm event. In both major and minor events, the bypass flow will continue to run within the Denison St kerb and channel down towards the stormwater infrastructure near and in Derby St.

Road Capacity – Denison St

Similar to the existing case the kerb inlet located in Denison St does not have the capacity for the entire flow of catchments PR-1 and PR-2 in the minor and major storm event. It is expected the bypassing flow will be channelled down Denison St. The flow depth has again been calculated for this. Detailed calculations of the road capacity are shown in Appendix E. The table below shows the results of the road capacity:

Table 7 - Proposed Road Flow

Description	Value	Unit
1% AEP surface flow [1]	0.124	m³/s
Flow depth in 1% AEP (eastern kerb line)	76	mm
Maximum approximate half road capacity	1.25	m³/s
Maximum flow depth before leaving road reserve	200	mm

^[1] Surface flow is a combination of flow from PR-1 bypassing the kerb inlet and PR-2 bypassing the pit and pipe system.

^[2] Gap flow between 1% and 10% AEP from PR-2 and gap flow between 1% AEP from PR-1 and inflow from the kerb inlet



As shown by the table above, there is sufficient capacity in the half road width of Denison St to cater for the 1% AEP bypassing flow for the catchments contributing to this road section directly adjacent the site. The existing kerb and channel for this section of Denison St is approximately 150mm high and therefore the bypassing flow is contained within the kerb and channel with flow depth calculated to be 76mm.

2.3 Existing Case vs Proposed Development Comparison

When comparing the site between the pre-developed and post-developed stages, it is seen that the proposed development does not worsen the impacts of stormwater on both neighbouring properties or council infrastructure. The development of this site does slightly increase the flow produced in the catchments from pre-development to post development due to the increase in impervious area of the site. However, by utilising the reserve capacity of the existing 375mm reinforced concrete pipe and conveying the 10% AEP minor storm runoff from the site directly to the existing underground stormwater drainage system, the surface flows are reduced.

The following table shows the comparison between the surface flow in both the Denison Street and Alma Lane road reserves:

Table 8 - Surface Flow Comparison

Location	Description	Measurement	Existing	Proposed	Difference	Unit
Denison St	10% AEP	Surface Flow	0.075	0.020	-0.055	m³/s
	1% AEP	Surface Flow	0.150	0.124	-0.026	m³/s
		Flow Depth	82	76	-6	mm
Alma Lane	10% AEP	Surface Flow	0.132	0.106	-0.026	m³/s
	1% AEP	Surface Flow	0.241	0.193	-0.048	m³/s

From the above it is clear that the surface flow is reduced from the pre to post-developed case for both Denison St & Alma Lane due to utilising the available pipe capacity in Denison St in the proposed case.

Analysis of flow to the 1,050mm diameter RCP shows the increase in flow created from the development of the site in a minor storm event is only equal to approximately 3.5% of the pipe's on grade capacity. Furthermore, the critical time of concentration for this pipe is much longer than the 15 minute standard inlet time used for this site. This is due to the length of the upstream portion of this pipe network and the associated catchment of the upstream network. This means the peak flow calculated for this site does not coincide with the peak flow for the 1,050mm diameter pipe. The flow from the proposed site catchment would contribute a much lesser quantity during the peak flow of the 1,050mm RCP than calculated in the earlier sections of this report.

Based on the above, we believe no stormwater mitigation measures such as detention are required to be incorporated into the proposed stormwater system.



3 Stormwater Quality

The stormwater quality assessment for the proposed development has been based on the requirements listed in the State Planning Policy (SPP) – July 2017 under the Water Quality section. The developed area of the site is over the 2,500m² area threshold stated within the SPP July 2017 and the total impervious area of the re-developed site will be greater than 25%. Therefore, the stormwater quality assessment benchmarks are triggered for an MCU development application under the SPP July 2017 for this project.

It is expected that the proposed development of the office building and associated infrastructure will generate stormwater pollutants that are exported from the subject site. A treatment train of suitable Stormwater Quality Improvement Devices (SQID's) has been proposed to intercept and capture the pollutants associated with the proposed development, so that the potential impacts external to the subject site will be adequately mitigated to achieve the target Water Quality Objectives (WQO's).

This section discusses:

- The identification of key stormwater pollutants associated with the proposed development;
- The Water Quality Objectives (WQO's) identified for the catchments;
- Proposed measures to mitigate the increase in pollutant export; and
- Modelling of the proposed measures and comparison to the identified WQO's.

Water quality modelling was undertaken with Model for Urban Stormwater Improvement Conceptualisation (MUSIC), generally in accordance with the Water By Design Music Modelling Guidelines (2018).

3.1 Pollutants of Concern

Pollutants typically generated during the operational phase of a development are as follows:

- Litter
- Sediment
- Oxygen demanding substances (possibly present)
- Nutrients (N & P)
- Pathogens/Faecal Coliforms
- Hydrocarbons

- Heavy Metals (often associated with the fine sediment)
- Surfactants
- Organochlorines & organophosphates
- Thermal Pollution
- pH altering substances

3.2 Water Quality Objectives

The load reduction WQO's presented in the table below have been extracted from Table B of the Queensland State Planning Policy (SPP) (July 2017) for the Central Queensland (south) climatic region.

Table 9 - Load Reduction Water Quality Objective Targets

Region	Total Suspended Solids (kg/yr)	Total Phosphorus (kg/yr)	Total Nitrogen (kg/yr)	Gross Pollutants (kg/yr)
Central QLD (south)	85%	60%	45%	90%

Source: Table B – Queensland State Planning Policy (July 2017)



3.3 Water Quality Management Strategy

As stated within previous sections of this report, a new internal pit and pipe stormwater drainage system is intended to be installed underneath the car park area as part of the office development. The site layout and spatial requirements limits the ability for any significant surface water quality treatment systems (i.e. bio retention). Therefore, it is proposed to include a proprietary in-ground stormwater quality treatment system as part of the internal pit and pipe drainage network discharging to the stormwater infrastructure on Denison Street, adjacent the site.

The stormwater quality catchments are shown on the stormwater quality catchment plan included in Appendix D of this report.

3.4 Meteorological and Rainfall Data

Six-minute pluviographic (rainfall) data was sourced from the Bureau of Meteorology (BOM) for Rockhampton. A ten (10) year data set from 31/03/2000 to 31/03/2010 was adopted due to the consistency in data over this period. Monthly evapotranspiration data for the period was sourced from the Bureau of Meteorology and entered into the MUSIC Model. The following image shows the rainfall and evapotranspiration pattern used and the table summarises key data for the modelling:

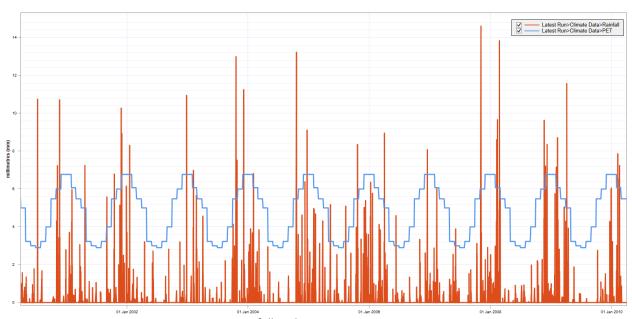


Figure 3 Rainfall and Evapotranspiration Pattern



Table 10 - Meteorological and Rainfall Runoff Data Table

Input	Data Used in Modelling		
Rainfall Station	Rockhampton: BOM Station ID 039083		
Time Step	6 Minute		
Modelling Period	31/03/2000 to 31/03/2010		
Rainfall runoff parameters	Commercial		
Pollutant export parameters Commercial			

3.5 Source Nodes

Source nodes utilised for the proposed office development were assigned as commercial in nature with all Rainfall-Runoff parameters and concentration parameters being in accordance with the Water by Design MUSIC Modelling Guidelines – November 2018. A total of four (4) water quality catchments were used for modelling as shown on the catchment plan in Appendix D of this report. Catchment WQ2 covers the roof section of the office building & catchment WQ3 covers the car park, road section. The remaining catchments are for the ground area of the site. The following table provides a summary of the details for each source node:

Table 11- Catchment Definition Reporting Table

ID	Area (ha)	% Impervious	Description	Land Use
WQ1	0.0242	24	Ground	Commercial
WQ2	0.0720	100	Roof	Commercial
WQ3	0.1479	100	Road	Commercial
WQ4	0.0459	9.3	Ground	Commercial



3.6 Treatment Nodes

A number of different scenarios were investigated during the design process through trialling various methods of stormwater quality treatment including bio-retention basins and in-ground proprietary treatment systems. With the limitations of available depth to successfully outlet stormwater to the legal points of discharge, the adopted treatment incorporates an in ground proprietary treatment system as part of the internal pit and pipe network, just prior to discharge from the site. Each of the modelled water quality catchments discharge to a treatment node except WQ4 which is a combination of small grassed areas around the site which will bypass stormwater quality treatment. This catchment will discharge directly to the road reserve. The following table provides a summary of the parameters for each of the treatment nodes in the water quality system:

Table 12 - In Ground Proprietary Treatment System

Description	Details
In-Ground Proprietary Treatment System	Modelled using Atlan flow filter with 9 cartridge filters ¹
Litter Baskets	Modelled using 2 x Stormsacks ¹

¹The modelling has been completed using Atlan stormwater quality treatment products. Other equivalent stormwater quality treatment products by other manufacturers may be considered to achieve treatment targets during the further detailed design phase of the project.

3.7 MUSIC Model

The following extract has been provided from the MUSIC model displaying the treatment train adopted for the site:

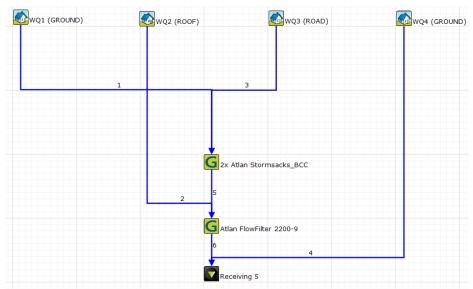


Figure 4 Adopted MUSIC Model



3.8 MUSIC Modelling Results

The development has been considered holistically for water quality analysis. The results from the MUSIC model at the receiving node, including the proposed treatment measures are shown below. The achieved percentage reductions in pollutants are compared with the water quality objective targets outlined in the State Planning Policy – July 2017.

Table 13 - MUSIC Modelling Results - Receiving Node

Description	Sources	Residual Load	% Reduction	Water Quality Objectives (%)
Flow (ML/yr)	1.524	1.524	0.00	
Total Suspended Solids (kg/yr)	406.6	53.51	85	85
Total Phosphorus (kg/yr)	0.8002	0.2615	65	60
Total Nitrogen (kg/yr)	4.846	2.171	53	45
Gross Pollutants (kg/yr)	33.39	0.504	97	90

As shown in the above table, the proposed treatment strategy successfully meets the water quality objectives for pollutant removal of Total Suspended Solids, Total Phosphorus, Total Nitrogen and Gross Pollutants.



4. Conclusion

There appears to be no insurmountable difficulties in relation to the stormwater management proposal for the new office development for Access Recreation located at 189 & 197 Denison Street, Rockhampton.

Stormwater Quantity and Quality for the development has been assessed with the following conclusions determined:

- An existing 375mm diameter stormwater pipe in the Denison St road reserve has additional capacity with only one kerb inlet connected. Upon review this pipe has enough capacity to convey the entire 10% AEP peak flow from catchment PR-2.
- The proposed stormwater strategy allows a reduction in surface flow to Denison St, by the proposed site pit and pipe system, and Alma Lane by proposed site earthworks and finished surface grading.
- No negative impacts on council infrastructure are expected due to the existing, remaining capacity of the existing infrastructure.
- No stormwater detention or upgrades to council infrastructure are required.
- Stormwater quality has been reviewed in accordance with the State Planning Policy July 2017 (SPP). The use of an in ground proprietary device is incorporated into the site stormwater strategy to ensure that the development complies with the pollutant load reduction provisions within the SPP.

If you should have any questions regarding this report, please do not hesitate to contact the office of Janes and Stewart Structures Pty Ltd (07) 4922 1948.



Appendix A

Existing Stormwater Catchment Plan

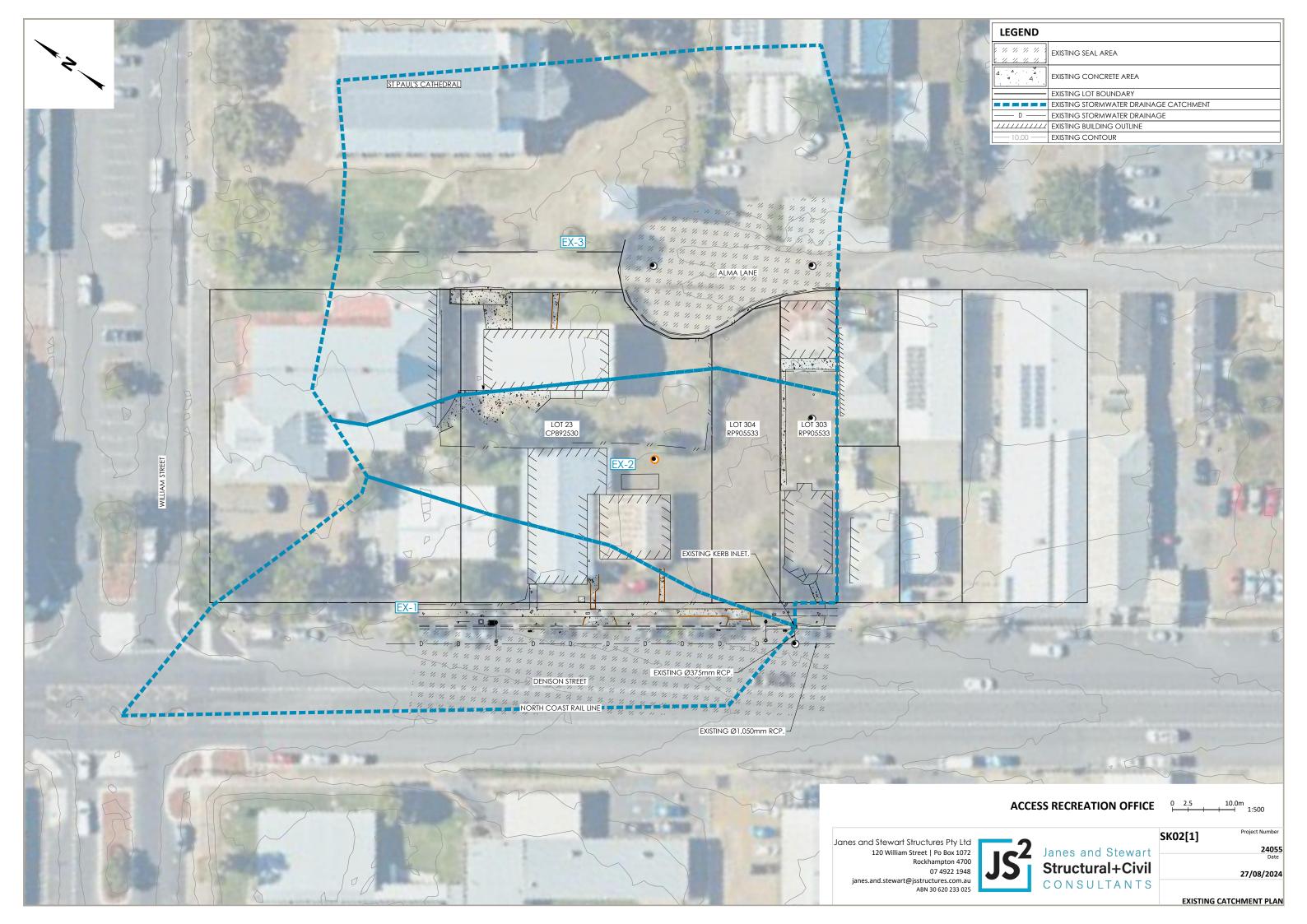
Access Recreation Office 189 & 197 Denison Street, Rockhampton Designtek Pty Ltd

24055REP02

Janes and Stewart Structures Pty Ltd

ABN: 30 620 233 025 120 William Street PO Box 1072 Rockhampton QLD 4700

07 4922 1948





Appendix B

Proposed Stormwater Catchment Plan

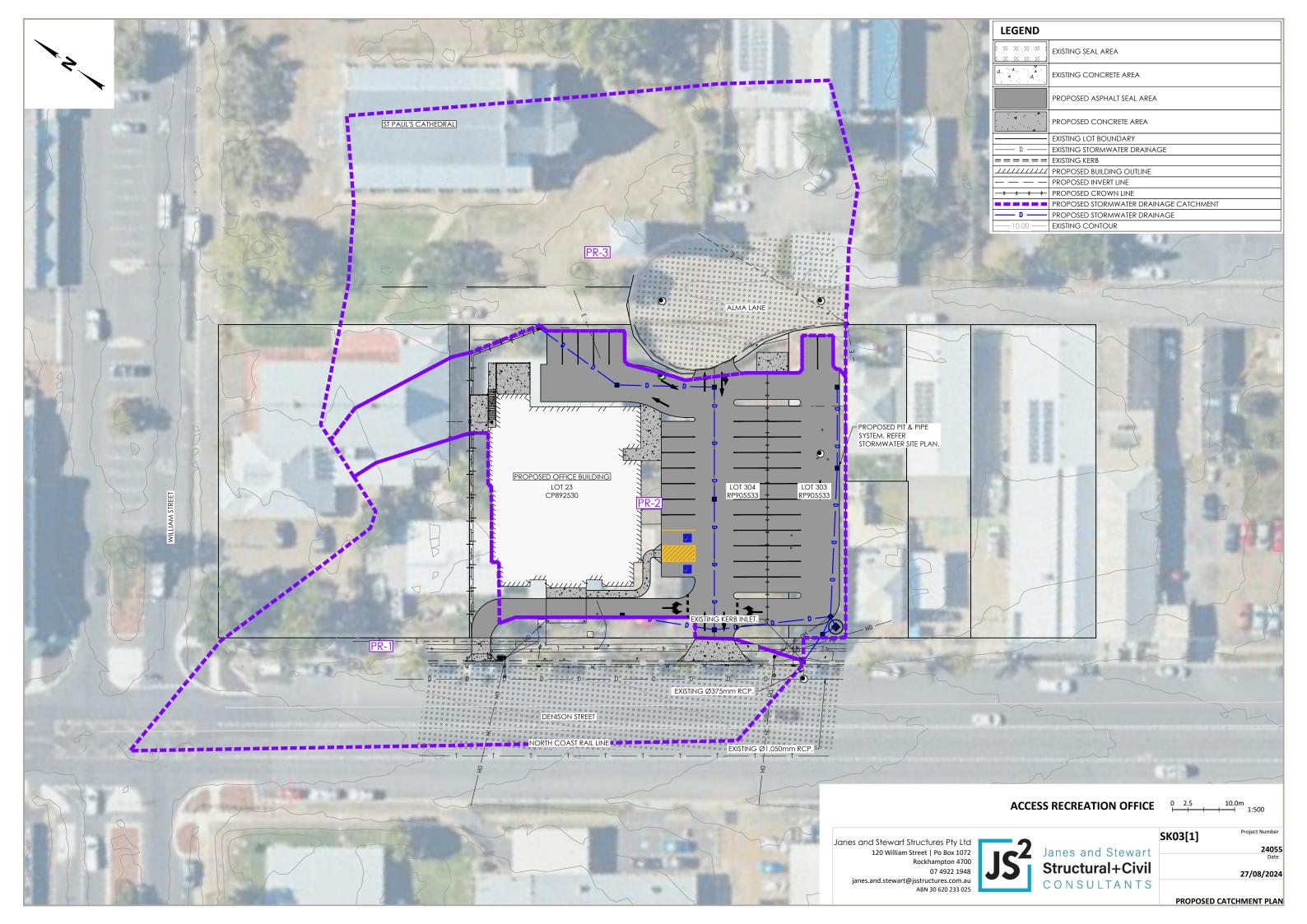
Access Recreation Office 189 & 197 Denison Street, Rockhampton Designtek Pty Ltd

24055REP02

Janes and Stewart Structures Pty Ltd

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07 4922 1948





Appendix C

Stormwater Management Plan

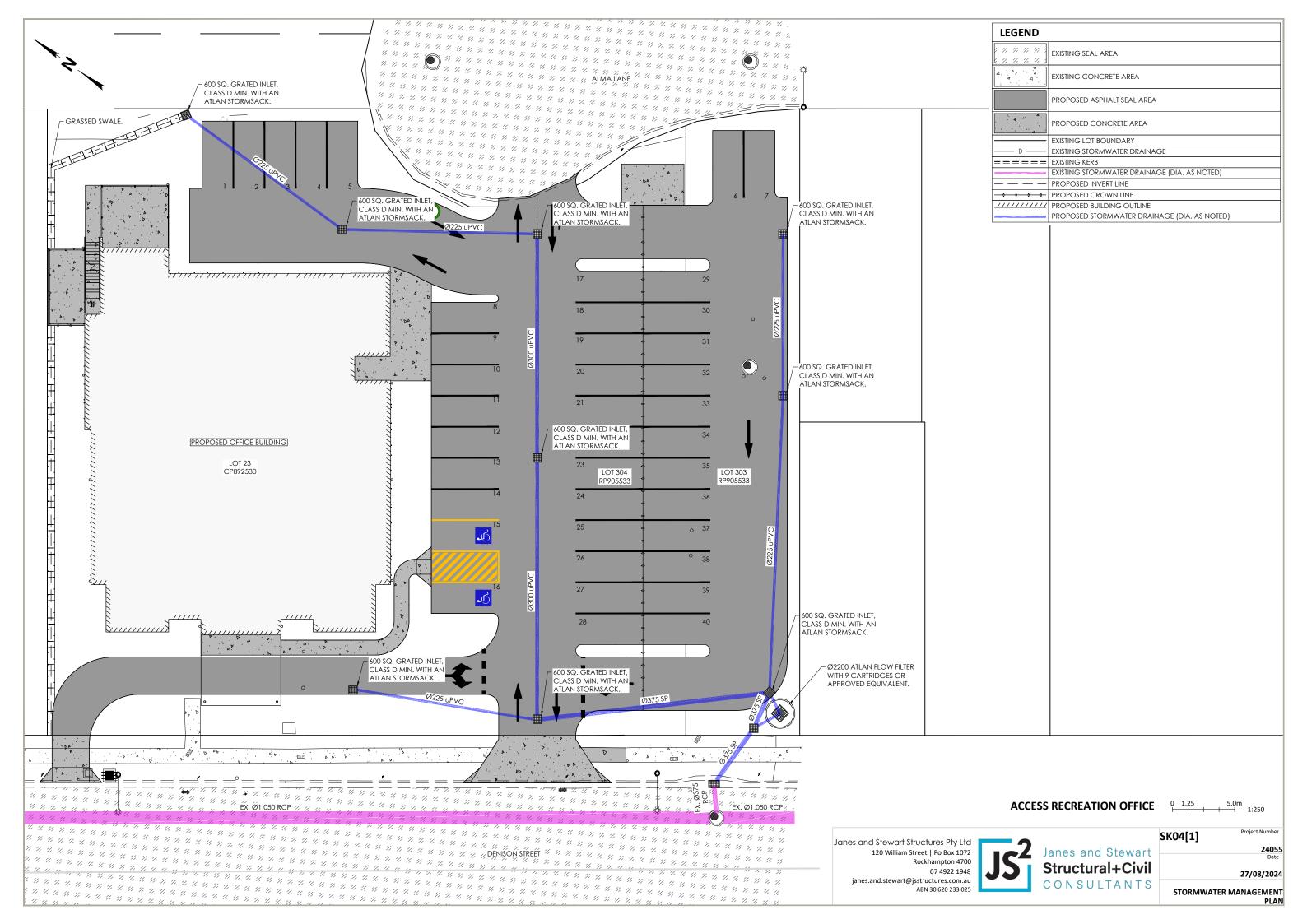
Access Recreation Office 189 & 197 Denison Street, Rockhampton Designtek Pty Ltd

24055REP02

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Appendix D

Stormwater Quality Catchment Plan

Access Recreation Office 189 & 197 Denison Street, Rockhampton Designtek Pty Ltd

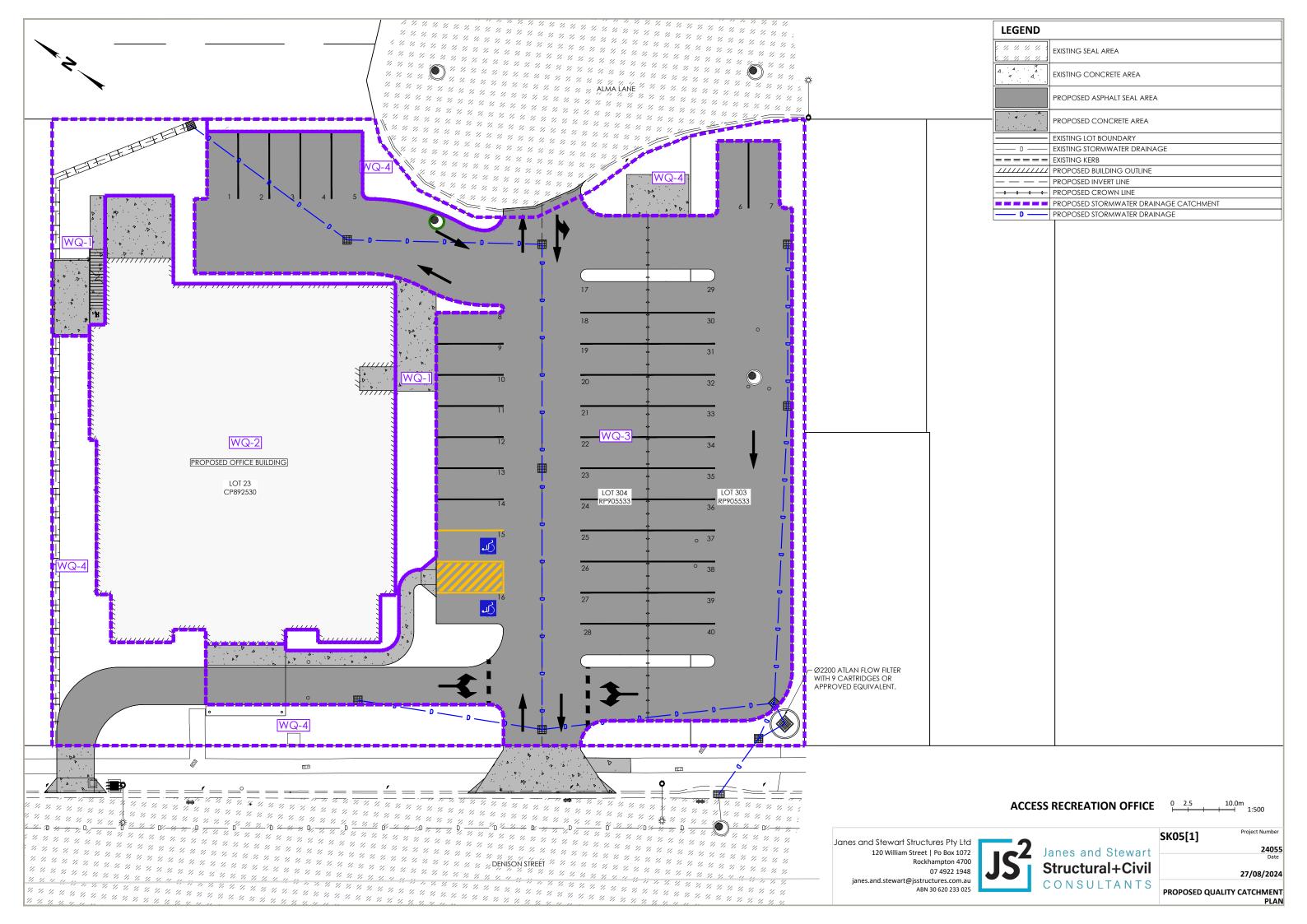
24055REP02

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Appendix E

Stormwater Calculations

Access Recreation Office 189 & 197 Denison Street, Rockhampton Designtek Pty Ltd

24055REP02

Janes and Stewart Structures Pty Ltd

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EX-1

Catchment Parameters

Catchment Name EX-1 Job No: 24055

Name Access Rec

Date: 3/09/2024

Catcment Area 0.2516 Ha

Total Tc 15 mins standard inlet time, 15min

Runoff Calculation (Rational method)

Rainfall Intensity Table

ARI	1 year	2 years	5 years	10 years	20 years	50 years	100 years	
15min	82.1	91.3	121	142	163	193	216	(mm/h)

	factor	co eff	mm/hr	ha	m³/sec	factor
Q ₂	0.002778	0.701	91.3	0.2516	0.045	0.85
Q 5	0.002778	0.784	121	0.2516	0.066	0.95
Q10 - minor	0.002778	0.825	142	0.2516	0.082	1
Q20	0.002778	0.866	163	0.2516	0.099	1.05
Q 50	0.002778	0.949	193	0.2516	0.128	1.15
Q100 - Majo	0.002778	0.990	216	0.2516	0.149	1.2

C10 value 0.825

Fi value 74.9 % = 0.749 Fi

Assumptions:

AREA, FI=100%: 1884m2, TOTAL=2516m2, FI=74.9%

EX-2

Catchment Parameters

Catchment Name EX-2 Job No: 24055

Name Access Rec

Date: 19/09/2024

Catcment Area 0.2012 Ha

Total Tc 15 mins standard inlet time, 15min

Runoff Calculation (Rational method)

Rainfall Intensity Table

ARI	1 year	2 years	5 years	10 years	20 years	50 years	100 years	
15min	82.1	91.3	121	142	163	193	216	(mm/h)

	factor	co eff	mm/hr	ha	m³/sec	factor
Q2	0.002778	0.564	91.3	0.2012	0.029	0.85
Q 5	0.002778	0.630	121	0.2012	0.043	0.95
Q10 - mino	0.002778	0.663	142	0.2012	0.053	1
Q 20	0.002778	0.696	163	0.2012	0.063	1.05
Q 50	0.002778	0.762	193	0.2012	0.082	1.15
Q100 - Majo	0.002778	0.796	216	0.2012	0.096	1.2

C10 value 0.663

Fi value 27.3 % = 0.273 Fi

Assumptions:

AREA, FI=100%: 549m2, TOTAL=2012m2, FI=27.3%

EX-3

Catchment Parameters

Catchment Name EX-3 Job No: 24055

Name Access Rec

Date: 3/09/2024

Catcment Area 0.4286 Ha

Total Tc 15 mins standard inlet time, 15min

Runoff Calculation (Rational method)

Rainfall Intensity Table

ARI	1 year	2 years	5 years	10 years	20 years	50 years	100 years	
15min	82.1	91.3	121	142	163	193	216	(mm/h)

	factor	co eff	mm/hr	ha	m³/sec	factor
Q2	0.002778	0.663	91.3	0.4286	0.072	0.85
Q 5	0.002778	0.741	121	0.4286	0.107	0.95
Q10 - mino	0.002778	0.780	142	0.4286	0.132	1
Q20	0.002778	0.819	163	0.4286	0.159	1.05
Q 50	0.002778	0.897	193	0.4286	0.206	1.15
Q100 - Majo	0.002778	0.936	216	0.4286	0.241	1.2

C10 value 0.78

Fi value 59.8 % = 0.598 Fi

Assumptions:

AREA, FI=100%: 2562m2, TOTAL=4286m2, FI=59.8%

PR-1

Catchment Parameters

Catchment Name PR-1 Job No: 24055

Name Access Rec

Date: 3/09/2024

Catcment Area 0.2567 Ha

Total Tc 15 mins standard inlet time, 15min

Runoff Calculation (Rational method)

Rainfall Intensity Table

ARI	1 year	2 years	5 years	10 years	20 years	50 years	100 years
15min	82.1	91.3	121	142	163	193	216

	factor	co eff	mm/hr	ha	m³/sec	factor
Q2	0.002778	0.670	91.3	0.2567	0.044	0.85
Q5	0.002778	0.749	121	0.2567	0.065	0.95
Q10-Minor	0.002778	0.788	142	0.2567	0.080	1
Q20	0.002778	0.827	163	0.2567	0.096	1.05
Q50	0.002778	0.906	193	0.2567	0.125	1.15
Q100 - Majo	0.002778	0.946	216	0.2567	0.146	1.2

C10 value 0.788

Fi value 62.8 % = 0.628 Fi

Assumptions:

AREA, FI=100%: 1613m2, TOTAL=2567m2, FI=62.8%

PR-2

Catchment Parameters

Catchment Name PR-2 Job No: 24055

Name Access Rec

Date: 19/09/2024

Catcment Area 0.2789 Ha

Total Tc 15 mins standard inlet time, 15min

Runoff Calculation (Rational method)

Rainfall Intensity Table

ARI	1 year	2 years	5 years	10 years	20 years	50 years	100 years
15min	82.1	91.3	121	142	163	193	216

	factor	co eff	mm/hr	ha	m³/sec	factor
Q2	0.002778	0.723	91.3	0.2789	0.051	0.85
Q 5	0.002778	0.808	121	0.2789	0.076	0.95
Q10-minor	0.002778	0.850	142	0.2789	0.094	1
Q20	0.002778	0.893	163	0.2789	0.113	1.05
Q 50	0.002778	0.978	193	0.2789	0.146	1.15
Q100 - Majo	0.002778	1.000	216	0.2789	0.167	1.2

C10 value 0.85
Fi value 82.3 %

= 0.823 Fi

Assumptions:

AREA, FI=100%: 2294m2, TOTAL=2789m2, FI=82.3%

PR-3

Catchment Parameters

Catchment Name PR-3 Job No: 24055

Name Access Rec

Date: 3/09/2024

Catcment Area 0.3458 Ha

Total Tc 15 mins standard inlet time, 15min

Runoff Calculation (Rational method)

Rainfall Intensity Table

ARI	1 year	2 years	5 years	10 years	20 years	50 years	100 years
15min	82.1	91.3	121	142	163	193	216

	factor	co eff	mm/hr	ha	m³/sec	factor
Q2- Minor	0.002778	0.659	91.3	0.3458	0.058	0.85
Q 5	0.002778	0.736	121	0.3458	0.086	0.95
Q10	0.002778	0.775	142	0.3458	0.106	1
Q 20	0.002778	0.814	163	0.3458	0.127	1.05
Q 50	0.002778	0.891	193	0.3458	0.165	1.15
Q100 - Majo	0.002778	0.930	216	0.3458	0.193	1.2

C10 value 0.775
Fi value 58.3 %

= 0.583 Fi

Assumptions:

AREA, FI=100%: 2015m2, TOTAL=3458m2, FI=58.3%

19/09/2024

Access Recreation Office Existing Case 24055

Q₁₀₀ Drainage Calculations

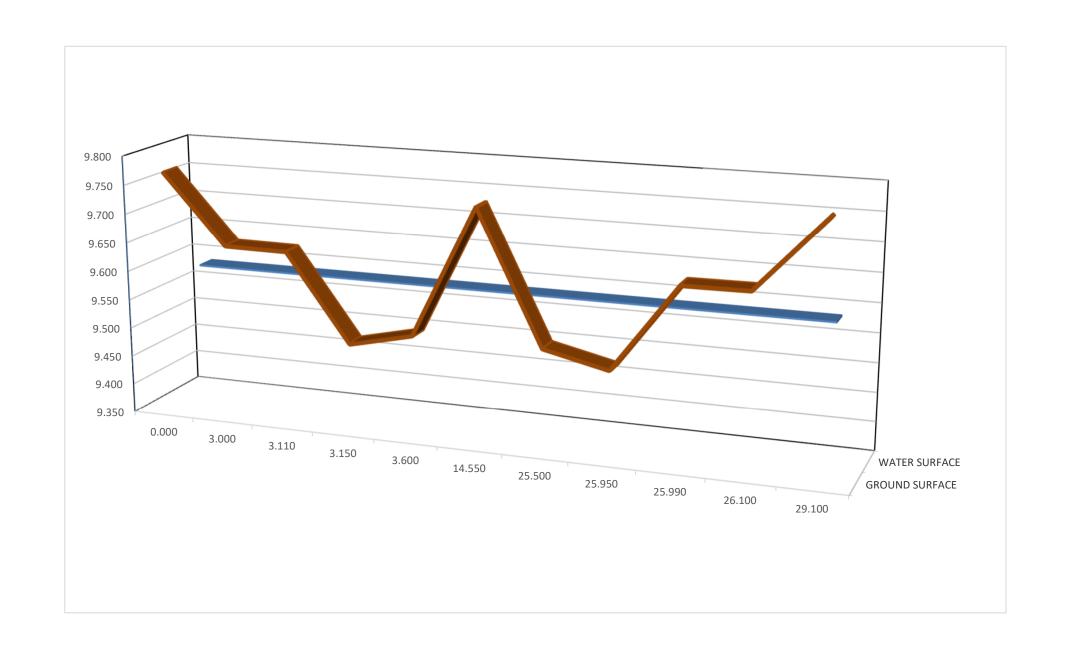
Denison St Road Reserve

					Water I	Level =		9.582	m							
Chainage 1	RL1 (m)	RL2 (m)	W (m)	Ch	Bank Slope	n	WSL	Depth 1 (m)	Depth 2 (m)	Width (m)	Area (m²)	р (m)	q (m /sec)	V (m/sec)	Slope (%)	D x V
	9.770	9.650	3.000	0.000	0.040	0.015	9.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.80	0.000
	9.650	9.649	0.110	3.000	0.009	0.012	9.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.80	0.000
	9.649	9.500	0.040	3.110	3.725	0.012	9.582	0.000	0.082	0.022	0.001	0.085	0.000	0.361	0.80	0.030
	9.500	9.525	0.450	3.150	-0.056	0.012	9.582	0.082	0.057	0.450	0.031	0.451	0.040	1.262	0.80	0.072
	9.525	9.750	10.950	3.600	-0.021	0.015	9.582	0.057	0.000	10.950	0.314	10.950	0.175	0.558	0.80	0.000
	9.750	9.525	10.950	14.550	0.021	0.015	9.582	0.000	0.057	2.787	0.080	2.788	0.045	0.558	0.80	0.032
	9.525	9.500	0.450	25.500	0.056	0.012	9.582	0.057	0.082	0.450	0.031	0.451	0.040	1.262	0.80	0.104
	9.500	9.649	0.040	25.950	-3.725	0.012	9.582	0.082	0.000	0.040	0.002	0.091	0.001	0.512	0.80	0.000
	9.649	9.650	0.110	25.990	-0.009	0.012	9.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.80	0.000
	9.650	9.770	3.000	26.100	-0.040	0.015	9.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.80	0.000
	9.770			29.100	#DIV/0!	0.035	9.582	0.000	9.582	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.80	#DIV/0!
	0.000			29.100	#DIV/0!	0.035	9.582	9.582	9.582				0.000	0.000	0.80	0.000
Total										14.700	0.459		0.30	0.654		

avg velocity 0.501 m/s

Note: Flow is for entire road section, in report half road capacity is referenced. Half Road capacity is half of the capacity shown above.

Max. Flow	
Depth	0.082 m
	<u> </u>



19/09/2024

Access Recreation Office Proposed Case 24055

Q₁₀₀ Drainage Calculations

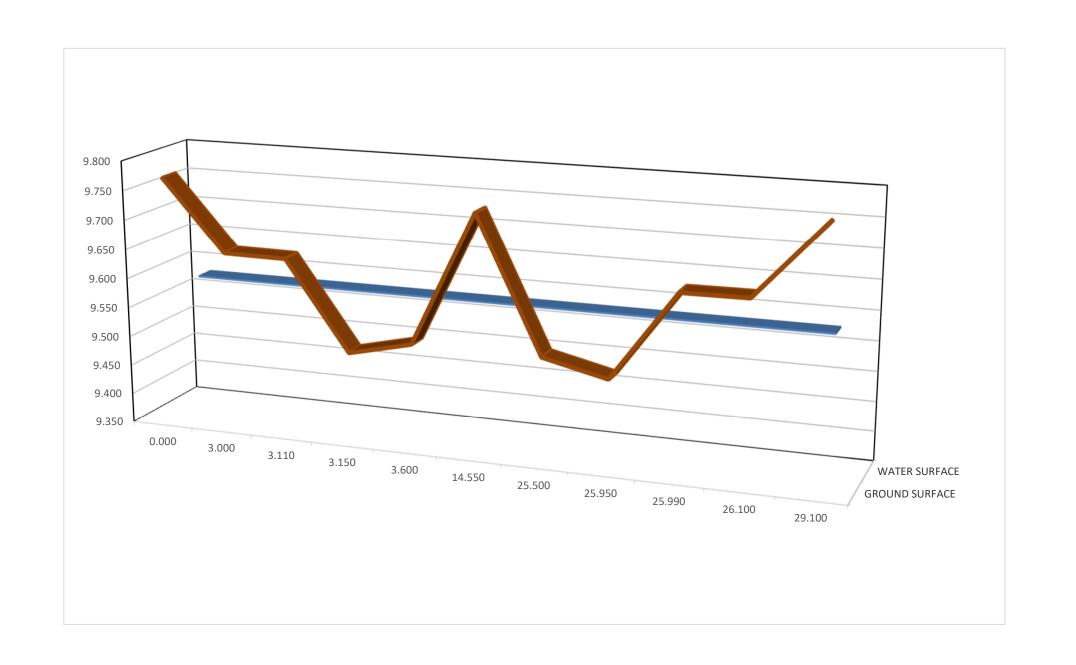
Denison St Road Reserve

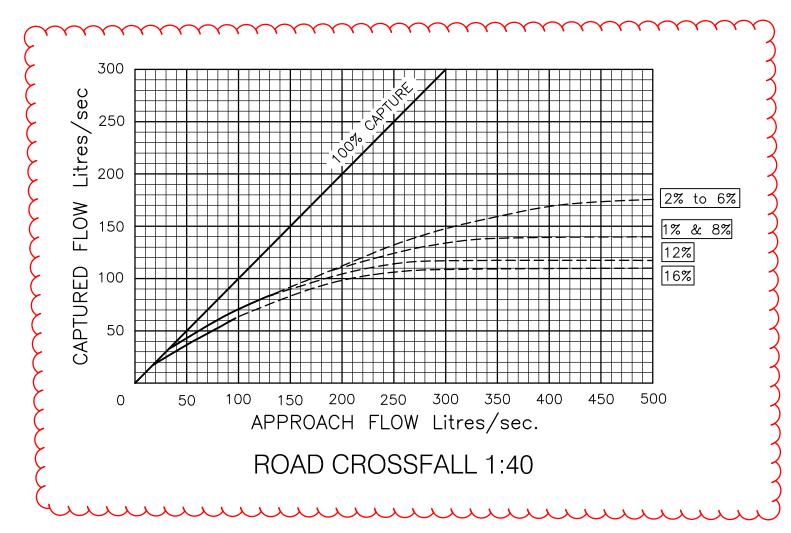
					Water 1	Level =		9.576	m							
Chainage 1	RL1 (m)	RL2 (m)	W (m)	Ch	Bank Slope	n	WSL	Depth 1 (m)	Depth 2 (m)	Width (m)	Area (m²)	p (m)	q (m³/sec)	V (m/sec)	Slope (%)	D x V
	9.770	9.650	3.000	0.000	0.040	0.015	9.576		0.000	` ′					0.80	0.000
	9.650	9.649	0.110	3.000	0.009	0.012	9.576	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.80	0.000
	9.649	9.500	0.040	3.110	3.725	0.012	9.576	0.000	0.076	0.020	0.001	0.079	0.000	0.343	0.80	0.026
	9.500	9.525	0.450	3.150	-0.056	0.012	9.576	0.076	0.051	0.450	0.029	0.451	0.034	1.186	0.80	0.061
	9.525	9.750	10.950	3.600	-0.021	0.015	9.576	0.051	0.000	10.950	0.279	10.950	0.144	0.517	0.80	0.000
	9.750	9.525	10.950	14.550	0.021	0.015	9.576	0.000	0.051	2.484	0.063	2.484	0.033	0.517	0.80	0.026
	9.525	9.500	0.450	25.500	0.056	0.012	9.576	0.051	0.076	0.450	0.029	0.451	0.034	1.186	0.80	0.090
	9.500	9.649	0.040	25.950	-3.725	0.012	9.576	0.076	0.000	0.040	0.002	0.086	0.001	0.506	0.80	0.000
	9.649	9.650	0.110	25.990	-0.009	0.012	9.576	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.80	0.000
	9.650	9.770	3.000	26.100	-0.040	0.015	9.576	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.80	0.000
	9.770			29.100	#DIV/0!	0.035	9.576	0.000	9.576	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.80	#DIV/0!
	0.000			29.100	#DIV/0!	0.035	9.576	9.576	9.576	0.000	0.000	0.000	0.000	0.000	0.80	0.000
Total							'			14.394	0.402		0.25	0.612		

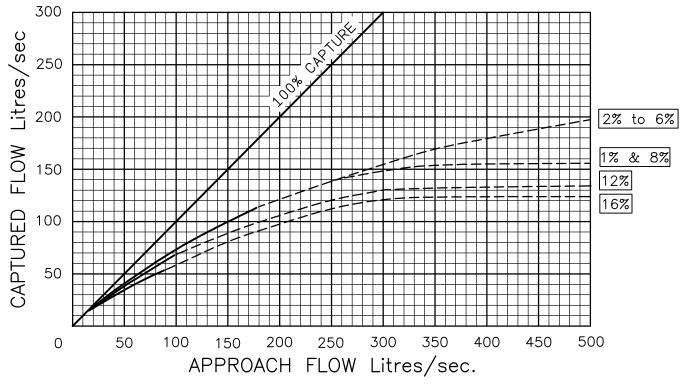
avg velocity 0.473 m/s

Note: Flow is for entire road section, in report half road capacity is referenced. Half Road capacity is half of the capacity shown above.

Max. Flow		
Depth	0.076	m







ROAD CROSSFALL 1:30

LEGEND

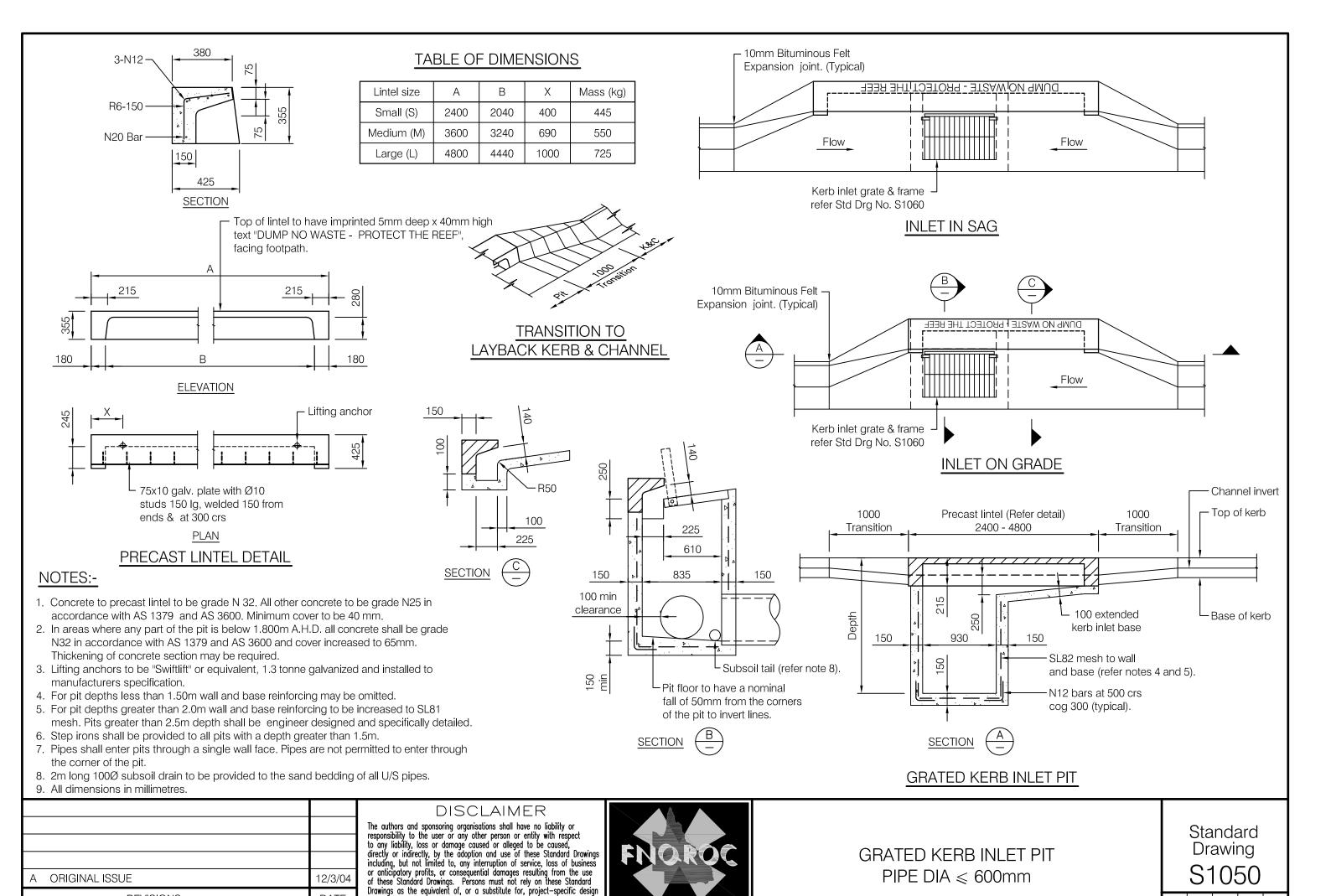
_ %

Kerb & channel longitudinal slope

NOTES

- 1. This capture chart should only be used in conjunction with the requirements of Design Guidelines D4 Stormwater Drainage.
- 2. Refer to standard drawings S1050, S1055, and S1060 for Kerb Inlet Pit details.

KERB INLET
CAPACITY DESIGN CHART
ON GRADE - TYPE 'S'
10% BLOCKAGE FACTOR



REVISIONS

DATE

and assessment by an appropriately qualified professional





Queensland Titles Registry Pty Ltd ABN 23 648 568 101

ESTATE AND LAND

Estate in Fee Simple

LOT 300 CROWN PLAN R1675

Local Government: ROCKHAMPTON

REGISTERED OWNER

THE CORPORATION OF THE SYNOD OF THE DIOCESE OF

ROCKHAMPTON

DEED OF GRANT IN TRUST

FOR THE ERECTION THEREON OF A PARSONAGE IN CONNECTION WITH THE ESTABLISHED CHURCH OF ENGLAND AND FOR NO OTHER PURPOSE

WHATSOEVER

EASEMENTS, ENCUMBRANCES AND INTERESTS

 Rights and interests reserved to the Crown by Deed of Grant No. 10120236 (ALLOT 10 SEC 59)

ADMINISTRATIVE ADVICES

Dealing	Туре	Lodgement Date	Status
704165031	HERITGE SITE	10/07/2000 17:02	CURRENT
	QUEENSLAND HERITAGE ACT 1992		
711917621	RT NOTING	12/09/2008 09:43	CURRENT
	LAND TITLE ACT 1994		

UNREGISTERED DEALINGS

NIL

Corrections have occurred - Refer to Historical Search

** End of Current Title Search **





Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference:	50205562
Date Title Created:	05/02/1998
Previous Title:	30439207

ESTATE AND LAND

Estate in Fee Simple

LOT 304 REGISTERED PLAN 905533

Local Government: ROCKHAMPTON

REGISTERED OWNER

Dealing No: 723135401 19/03/2024

ACCESS RECREATION INCORPARATED A.C.N. 144 241 716

EASEMENTS, ENCUMBRANCES AND INTERESTS

 Rights and interests reserved to the Crown by Deed of Grant No. 19516226 (ALLOT 8 SEC 59)

ADMINISTRATIVE ADVICES

NIL

UNREGISTERED DEALINGS

NIL

** End of Current Title Search **





Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference:	50205561
Date Title Created:	05/02/1998
Previous Title:	30439206

ESTATE AND LAND

Estate in Fee Simple

LOT 303 REGISTERED PLAN 905533

Local Government: ROCKHAMPTON

REGISTERED OWNER

Dealing No: 723135401 19/03/2024

ACCESS RECREATION INCORPARATED A.C.N. 144 241 716

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by Deed of Grant No. 19516226 (ALLOT 8 SEC 59)

ADMINISTRATIVE ADVICES

NIL

UNREGISTERED DEALINGS

NIL

** End of Current Title Search **





Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference:	51343172
Date Title Created:	27/02/2024
Previous Title:	40081243

ESTATE AND LAND

Estate in Fee Simple

LOT 234 CROWN PLAN 892530

Local Government: ROCKHAMPTON

REGISTERED OWNER

Dealing No: 723135401 19/03/2024

ACCESS RECREATION INCORPARATED A.C.N. 144 241 716

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by Deed of Grant No. 40081243 (Lot 234 on CP 892530)

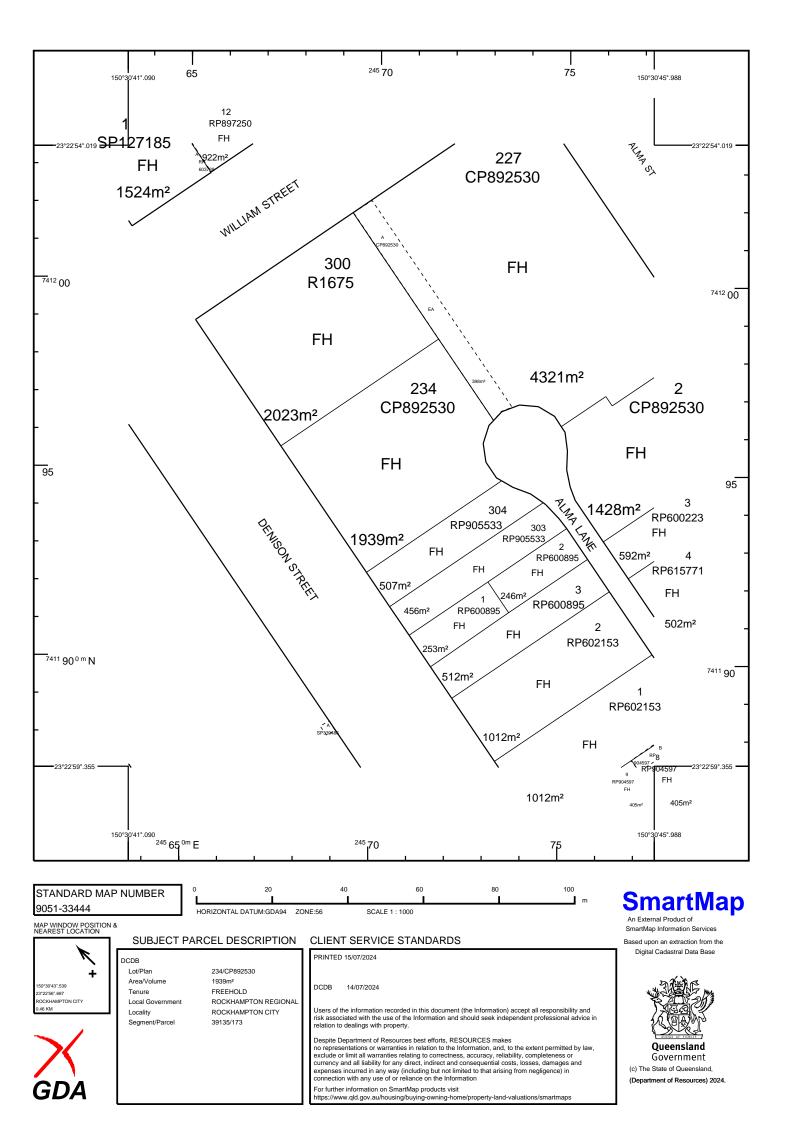
ADMINISTRATIVE ADVICES

NIL

UNREGISTERED DEALINGS

NIL

** End of Current Title Search **



Company owner's consent to the making of a development application under the *Planning Act 2016*

* We, Peter John Grice and Jennifer Ann	Hercott,						
As authorised delegates							
of							
THE CORPORATION OF THE SYNOD OF THE DIOCESE	OF ROCKHAMPTON						
the company being the trustee of the premises identified as fo	ollows:						
Lot 300 on R1675							
consent to the making of a development application under the	e Planning Act 2016 by:						
Access Recreation Incorporated A.C.N. 144 241 716							
c/- Capricorn Survey Group (CQ) Pty Ltd							
on the premises described above for:							
Demolition of Building partly located on Queensland He combined development application for Material Change and Lots 303 & 304 on RP905533 and Building Works As Demolition of Building on Heritage Place (Lot 300 on R1	of Use (Office) over Lot 234 on CP892530 ssessable Against the Planning Scheme for						
Company Name and ACN: THE CORPORATION OF THE SYNOD OF THE DIOCESE	OF ROCKHAMPTON						
The Common Seal of THE CORPORATION OF THE SYNOD OF THE DIOCESE OF ROCKHAMPTON was hereunto affixed this Ninetenth Day of July, Two Thousand and Twenty-Four, by the authority of the Bishop-in-Council under the hands of the Bishop of Rockhampton and the Registrar who certify that they are the proper officers authorized in that behalf and who have hereunto subscribed their names.	-Signature of authorised delegate						
Peter John Grice Bishop of Rockhampton Jennifer Ann Hercott Registrar	Date						

The Planning Act 2016 is administered by the Department of Local Government, Infrastructure and Planning, Queensland Government.

From: <u>Amanda OMara</u>

To: <u>Capricorn Survey Group CQ</u>

Cc: Kathy McDonald

Subject: RE: 9336 MCU for Office Development 189-197 Denison Street, Rton - Application Fee Confirmation

Date: Wednesday, 17 July 2024 11:43:10 AM

Hi Madi

Please find calculations below:

Office - $$2,357.00 + $6,953.14 (5.411 \times 1,285) = $9,310.14$ Demolition (has its own fee) = \$1,221.00Impact Assessable fee = \$1,040.00

Total = \$11,571.14 x 50% = **\$5,785.57**

Cheers

Amanda O'Mara

Coordinator Development Assessment | Planning and Regulatory Services

Rockhampton Regional Council

Ph: (07) 4936 8907 | E-mail: amanda.omara@rrc.qld.gov.au

Address: PO Box 1860, Rockhampton Q 4700 | Web: www.rockhamptonregion.qld.gov.au

Like us www.facebook.com/RockhamptonRegionalCouncil Follow us www.twitter.com/RRCouncil



ACCOUNTABLE | CUSTOMER FOCUSED | PEOPLE DEVELOPMENT | ONE TEAM | CONTINUOUS IMPROVEMENT

From: Capricorn Survey Group CQ <reception@csgcq.com.au>

Sent: Tuesday, July 16, 2024 4:20 PM

To: Kathy McDonald <Kathy.McDonald@rrc.qld.gov.au>; Amanda OMara

<Amanda.OMara@rrc.qld.gov.au>

Subject: 9336 MCU for Office Development 189-197 Denison Street, Rton - Application Fee

Confirmation

[External Email] This email was sent from outside the organisation – be cautious, especially with links and attachments.

Afternoon ladies,

We are looking to lodge an MCU application with you soon for a new office building at 189-197 Denison Street, Rton. See attached building plans.

The building has a total GFA of 1285m². It is impact in the Denison St precinct because of the size.

The fee schedule states price is on application for an office over 1000m².

Could you please confirm the fee for the Office MCU component? I think one of you has told me before what the POA fees are based on but it was too long ago for me to go back and find it.

The development also includes demolition of several buildings, one of which is partly located on a heritage listed site (though I don't believe the building itself is heritage listed). We will be including the assessable building works for demolition in the application as well.

Impact fee - \$1040 Assessable building works fee - \$986 Office MCU fee – please confirm

This is being lodged on behalf of Access Recreation who are a not for profit so we will be seeking the 50% concession too (presuming they are eligible). Does this go on the total application fee or just the MCU component?

Cheers

Madi Day | Capricorn Survey Group CQ

Phone. 07 4927 5199 www.capsurvey.com.au



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It is also important to check for viruses and defects before opening or using attachments. CSG's liability is limited to resupplying any affected attachments.

Capricorn Survey Group (CQ) Pty Ltd

ABN 22 154 830 565, 132 Victoria Parade (PO Box 1391) Rockhampton Qld 4700

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DA Form 1 – Development application details

Approved form (version 1.6 effective 2 August 2024) made under section 282 of the Planning Act 2016.

This form **must** be used to make a development application **involving code assessment or impact assessment**, except when applying for development involving only building work.

For a development application involving **building work only**, use *DA Form 2 – Building work details*.

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

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)	Access Recreation Incorporated						
Contact name (only applicable for companies)	c/- Capricorn Survey Group (CQ) Pty Ltd						
Postal address (P.O. Box or street address)	PO Box 1391						
Suburb	Rockhampton						
State	QLD						
Postcode	4700						
Country	Australia						
Contact number	(07) 4927 5199						
Email address (non-mandatory)	reception@csgcq.com.au						
Mobile number (non-mandatory)	0407 581 850						
Fax number (non-mandatory)	n/a						
Applicant's reference number(s) (if applicable)	9336						
1.1) Home-based business							
☐ Personal details to remain private in accordance with section 264(6) of <i>Planning Act 2016</i>							

2.1) Is written consent of the owner required for this development application?

Yes – the written consent of the owner(s) is attached to this development application



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☐ No – proceed to 3)

PART 2 - LOCATION DETAILS

3) Location of the premises (complete 3.1) or 3.2), and 3.3) as applicable)										
	rovide details b Guide: Relevan		l attach a	site plar	n for any or all p	remises part of	the development	t application. For further information, see <u>DA</u>		
3.1) St	treet addres	s and lo	ot on pl	an						
⊠ 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	t Name and	Туре		Suburb		
۵)		89		William Street				Rockhampton City		
a) Postcode Lot No.				Plan ⁻	Гуре and Nu	mber (e.g. RF	P, SP)	Local Government Area(s)		
	4700	300		R167	5			RRC		
	Unit No.	Street	No.	Street	t Name and	Туре		Suburb		
b)		189		Denis	on Street			Rockhampton City		
b)	Postcode	Lot No) .	Plan ⁻	Гуре and Nu	mber (e.g. RF	P, SP)	Local Government Area(s)		
	4700	234		CP89	2530			RRC		
	Unit No.	Street	No.	Street	t Name and	Туре		Suburb		
- \		197		Denis	on Street			The Range		
c)	Postcode	Lot No	ο.	Plan ⁻	Гуре and Nu	mber (e.g. RF	P, SP)	Local Government Area(s)		
	4700	303		RP90	5533			RRC		
	Unit No.	Street	No.	Street	t Name and	Туре		Suburb		
		197		Denis	on Street		The Range			
d)	Postcode	Lot No.		Plan	Гуре and Nu	mber (e.g. RF	Local Government Area(s)			
	4700	304		RP905533				RRC		
3.2) C	oordinates o	of prem	ises (ap	propriate	for developme	nt in remote are	as, over part of a	a lot or in water not adjoining or adjacent to land		
	g. channel dred lace each set d				e row					
					e and latitud	e				
Longit		p. 55	Latitu			Datum		Local Government Area(s) (if applicable		
				(-)		□ WGS84				
						☐ GDA94				
						Other:				
☐ Co	ordinates of	premis	es by e	asting	and northing]				
Eastin	g(s)	Northi	ng(s)		Zone Ref.	Datum		Local Government Area(s) (if applicable		
					□ 54	☐ WGS84				
					<u></u> 55	☐ GDA94				
					☐ 56	Other:				
3.3) A	dditional pre	mises								
	•				•		ion and the d	etails of these premises have been		
	attached in a schedule to this development application									
Not required ■ Not required Not required										
4) Ider	4) Identify any of the following that apply to the premises and provide any relevant details									
					<u> </u>	in or above a		- Communication		
	-					5. 45070 8	4941101			
Taille	Name of water body, watercourse or aquifer:									

☐ On strategic port land under the <i>Transport Infrastructure Act 1994</i>		
Lot on plan description of strategic port land:		
Name of port authority for the lot:		
☐ In a tidal area		
Name of local government for the tidal area (if applicable):		
Name of port authority for tidal area (if applicable)		

☐ On airport land under the Airport Assets (Restructuring	and Disposal) Act 2008
Name of airport:	
☐ Listed on the Environmental Management Register (EM	IR) under the Environmental Protection Act 1994
EMR site identification:	
Listed on the Contaminated Land Register (CLR) unde	r the Environmental Protection Act 1994
CLR site identification:	
5) Are there any existing easements over the premises? Note: Easement uses vary throughout Queensland and are to be identified how they may affect the proposed development, see <u>DA Forms Guide</u> .	ed correctly and accurately. For further information on easements and
☐ Yes – All easement locations, types and dimensions ar application☒ No	e included in plans submitted with this development

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about th	e first development aspect		
a) What is the type of develo	opment? (tick only one box)		
	Reconfiguring a lot	Operational work	☐ Building work
b) What is the approval type	? (tick only one box)		
□ Development permit	☐ Preliminary approval	☐ Preliminary approval tha	t includes a variation approval
c) What is the level of asses	sment?		
Code assessment		res public notification)	
d) Provide a brief description lots):	n of the proposal (e.g. 6 unit apart	ment building defined as multi-unit d	welling, reconfiguration of 1 lot into 3
Office			
e) Relevant plans Note: Relevant plans are required Relevant plans.	to be submitted for all aspects of this	development application. For further	information, see <u>DA Forms guide:</u>
Relevant plans of the pro	posed development are attach	ned to the development applic	cation
6.2) Provide details about th	e second development aspect		
a) What is the type of develo	ppment? (tick only one box)		
☐ Material change of use	☐ Reconfiguring a lot	Operational work	□ Building work
b) What is the approval type	? (tick only one box)		
☐ Development permit	☐ Preliminary approval	☐ Preliminary approval that	at includes a variation approval
c) What is the level of asses	sment?		
☐ Code assessment	☐ Impact assessment (requir	res public notification)	
d) Provide a brief description lots):	n of the proposal (e.g. 6 unit apart	ment building defined as multi-unit o	welling, reconfiguration of 1 lot into 3
e) Relevant plans			
Relevant plans.	o be submitted for all aspects of this o posed development are attact		



6.3) Additional aspects of development	e relevant to this development application	and the details for the	se aspects
	Section 1 of this form have been attached		
Not required ■			
6.4) Is the application for State facilitated			
☐ Yes - Has a notice of declaration been ☐ No	n given by the Minister?		
<u> </u>			
Section 2 – Further development de	etails		
7) Does the proposed development appli	cation involve any of the following?		
<u> </u>	complete division 1 if assessable agains	t a local planning instru	ıment
	complete division 2		
<u> </u>	- complete division 3		
Building work	- complete DA Form 2 – Building work det	ails	
Division 1 – Material change of use			
Note : This division is only required to be completed if	any part of the development application involves a	material change of use asse	ssable against a
local planning instrument. 8.1) Describe the proposed material char	age of use		
Provide a general description of the	Provide the planning scheme definition	Number of dwelling	Gross floor
proposed use	(include each definition in a new row)	units (if applicable)	area (m²)
			(if applicable)
Office	Office	n/a	Total floor area 1285m²
	use of existing buildings on the premises?		
∐ Yes			
⊠ No		- I - II - Di i D	
	ate to temporary accepted development u	3 3	ulation?
 ✓ Yes – provide details below or include ✓ No 	e details in a schedule to this developmen	application	
Provide a general description of the temp	porary accepted development	Specify the stated pe	riod dates
Trovide a general description of the temp	orally accepted development	under the Planning R	
Division 2 – Reconfiguring a lot		Commission - 1-4	
Note: This division is only required to be completed if 9.1) What is the total number of existing		configuring a lot.	
	ore menung of me from each		
9.2) What is the nature of the lot reconfig	uration? (tick all applicable boxes)		
Subdivision (complete 10)	☐ Dividing land into parts by	agreement (complete 1:	1)
Boundary realignment (complete 12) Creating or changing an easement giving access to a lot from a constructed road (complete 13)			s to a lot



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10) Subdivision							
10.1) For this devel	opment, ho	w many lots are	being creat	ed and wha	at is the intended u	use of those lots:	
Intended use of lots	created	Residential	Com	mercial	Industrial	Other, please specify:	
Number of lots crea	ited						
40.0\\\/!!! the acceptable	vicion bo of	dO					
10.2) Will the subdi							
□ No	uditional de	ialis below					
How many stages v	vill the work	s include?					
What stage(s) will the apply to?	his develop	ment applicatior	1				
11) Dividing land int parts?	o parts by a	agreement – hov	v many part	s are being	created and what	is the intended use of the	
Intended use of par	ts created	Residential	Com	mercial	Industrial	Other, please specify:	
Number of parts cre	eated						
10) Douadam, roalia							
12) Boundary realig		proposed erec	for each lo	t comprision	a the premises?		
12.1) What are the	Current and		s for each to	t comprising		osed lot	
Lot on plan descrip		rea (m²)		•		Area (m²)	
Lot on plan descrip	uon <i>F</i>	ilea (III-)		Lot on plan description		Alea (III-)	
12.2) What is the re	eason for th	e houndary reali	anment?				
12.2) What is the re	acon for th	o boarraary roam	grimont.				
13) What are the di (attach schedule if there			existing ea	sements be	eing changed and	or any proposed easement?	
Existing or proposed?	Width (m)	Length (m)	Purpose o	of the easen ccess)	nent? (e.g.	Identify the land/lot(s) benefitted by the easement	
Division 3 – Operat	ional work						
Note: This division is only		completed if any pa	rt of the develo	pment applica	ation involves operatior	nal work.	
14.1) What is the na							
☐ Road work			Stormwate		☐ Water in	frastructure	
☐ Drainage work] Earthwork	S		infrastructure	
Landscaping		L	Signage		☐ Clearing	vegetation	
Other – please s	•	ooooory to facil	itata tha ana	ation of man	v loto?	(m)	
14.2) Is the operation			itate the cre	ation of nev	W IOIS? (ē.g. subdivis	ion)	
Yes – specify nu	under of ne	w iots:					
│							



14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)	
\$	

PART 4 – ASSESSMENT MANAGER DETAILS

15) Identify the assessment manager(s) who will be assessing this development application
Rockhampton Regional Council
16) 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

PART 5 - REFERRAL DETAILS

17) Does this development application include any aspects that have any referral requirements? Note: A development application will require referral if prescribed by the Planning Regulation 2017.
□ No, there are no referral requirements relevant to any development aspects identified in this development application – proceed to Part 6
Matters requiring referral to the Chief Executive of the Planning Act 2016:
☐ Clearing native vegetation
Contaminated land (unexploded ordnance)
Environmentally relevant activities (ERA) (only if the ERA has not been devolved to a local government)
Fisheries – aquaculture
Fisheries – declared fish habitat area
Fisheries – marine plants
Fisheries – waterway barrier works
Hazardous chemical facilities
Heritage places – Queensland heritage place (on or near a Queensland heritage place)
Infrastructure-related referrals – designated premises
☐ Infrastructure-related referrals – state transport infrastructure
☐ Infrastructure-related referrals – State transport corridor and future State transport corridor
Infrastructure-related referrals – State-controlled transport tunnels and future state-controlled transport tunnels
Infrastructure-related referrals – near a state-controlled road intersection
Koala habitat in SEQ region – interfering with koala habitat in koala habitat areas outside koala priority areas
Koala habitat in SEQ region – key resource areas
Ports – Brisbane core port land – near a State transport corridor or future State transport corridor
Ports – Brisbane core port land – environmentally relevant activity (ERA)
Ports – Brisbane core port land – tidal works or work in a coastal management district
Ports – Brisbane core port land – hazardous chemical facility
Ports – Brisbane core port land – taking or interfering with water
Ports – Brisbane core port land – referable dams
Ports – Brisbane core port land – fisheries
Ports – Land within Port of Brisbane's port limits (below high-water mark)
SEQ development area
SEQ regional landscape and rural production area or SEQ rural living area – tourist activity or sport and recreation activity
SEQ regional landscape and rural production area or SEQ rural living area – community activity
SEQ regional landscape and rural production area or SEQ rural living area – indoor recreation
SEQ regional landscape and rural production area or SEQ rural living area – urban activity
SEQ regional landscape and rural production area or SEQ rural living area – combined use
SEQ northern inter-urban break – tourist activity or sport and recreation activity



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 SEQ northern inter-urban break – community activity SEQ northern inter-urban break – indoor recreation SEQ northern inter-urban break – urban activity SEQ northern inter-urban break – combined use Tidal works or works in a coastal management district Reconfiguring a lot in a coastal management district or Erosion prone area in a coastal management district Urban design Water-related development – taking or interfering with vater-related development – removing quarry material Water-related development – referable dams Water-related development – levees (category 3 levees only) Wetland protection area 	Nater (from a watercourse or lake)	
Matters requiring referral to the local government:		
☐ Airport land ☐ Environmentally relevant activities (ERA) (only if the ERA II ☐ Heritage places – Local heritage places	nas been devolved to local government)	
Matters requiring referral to the Chief Executive of the dis	stribution entity or transmissi	on entity:
☐ Infrastructure-related referrals – Electricity infrastructure	e	-
Matters requiring referral to:		
 The Chief Executive of the holder of the licence, if The holder of the licence, if the holder of the licence Infrastructure-related referrals – Oil and gas infrastructure 	is an individual	
Matters requiring referral to the Brisbane City Council : Ports – Brisbane core port land		
Matters requiring referral to the Minister responsible for a Ports – Brisbane core port land (where inconsistent with the land) Ports – Strategic port land		
Matters requiring referral to the relevant port operator , if Ports – Land within Port of Brisbane's port limits (below to	• • • • • • • • • • • • • • • • • • • •	
Matters requiring referral to the Chief Executive of the re Ports – Land within limits of another port (below high-water)	•	
Matters requiring referral to the Gold Coast Waterways A Tidal works or work in a coastal management district (in		
Matters requiring referral to the Queensland Fire and Em Tidal works or work in a coastal management district (in		berths))
18) Has any referral agency provided a referral response f	or this development application?)
☐ Yes – referral response(s) received and listed below are ☐ No	e attached to this development a	application
Referral requirement	Referral agency	Date of referral response
	, ,	
Identify and describe any changes made to the proposed of referral response and this development application, or inclinify applicable).		

PART 6 - INFORMATION REQUEST

19) Information request under the	ne DA Rules			
☑ I agree to receive an informa	ation request if determined neces	sary fo	or this development applic	ation
☐ I do not agree to accept an information request for this development application				
	ormation request I, the applicant, acknowle	•		
application and the assessment r	will be assessed and decided based on t manager and any referral agencies releva formation provided by the applicant for the	nt to the	development application are no	ot obligated under the DA
Part 3 under Chapter 1 of the DA	Rules will still apply if the application is a	n applic	ation listed under section 11.3 c	of the DA Rules or
Part 2under Chapter 2 of the DA	Rules will still apply if the application is fo	r state fa	acilitated development	
Further advice about information reque	sts is contained in the <u>DA Forms Guide</u> .			
PART 7 – FURTHER DI	ETAILS			
20) Are there any associated de	evelopment applications or currer	nt appr	ovals? (e.g. a preliminary app	roval)
☐ Yes – provide details below ☐ No	or include details in a schedule to	this d	evelopment application	
List of approval/development application references	Reference number	Date		Assessment manager
☐ Approval ☐ Development application				
☐ Approval ☐ Development application				
21) Has the portable long service operational work)	ce leave levy been paid? (only app	licable to	o development applications invo	lving building work or
☐ Yes – a copy of the receipte	d QLeave form is attached to this	devel	opment application	
assessment manager decide give a development approva	vide evidence that the portable lo es the development application. I al only if I provide evidence that th	ackno ne porta	wledge that the assessmable long service leave le	ent manager may
☑ Not applicable (e.g. building	and construction work is less that	ın \$150	0,000 excluding GST)	
Amount paid	Date paid (dd/mm/yy)		QLeave levy number (A	, B or E)
\$				
,				
22) Is this development applica notice?	tion in response to a show cause	notice	or required as a result of	an enforcement
Yes – show cause or enforce	ement notice is attached			

⊠ No

Environmentally relevant activities 23.1) Is this development application also taken to be an application for an environmental authority for an			
23.1) Is this development application also taken to be an application for an environmental authority for an			
Environmentally Relevant Activity (ERA) under section 115 of the Environmental Protection Act 1994?			
Yes – the required attachment (form ESR/2015/1791) for an application for an environmental authority accompanies this development application, and details are provided in the table below			
No No			
Note : Application for an environmental authority can be found by searching "ESR/2015/1791" as a search term at www.qld.gov.au . An ERA requires an environmental authority to operate. See www.business.qld.gov.au for further information.			
Proposed ERA number: Proposed ERA threshold:			
Proposed ERA name:			
☐ Multiple ERAs are applicable to this development application and the details have been attached in a schedule to this development application.			
<u>Hazardous chemical facilities</u>			
23.2) Is this development application for a hazardous chemical facility?			
Yes – Form 536: Notification of a facility exceeding 10% of schedule 15 threshold is attached to this development			
application ☑ No			
Note: See <u>www.business.qld.gov.au</u> for further information about hazardous chemical notifications.			
Clearing native vegetation			
23.3) Does this development application involve clearing native vegetation that requires written confirmation that the chief executive of the <i>Vegetation Management Act 1999</i> is satisfied the clearing is for a relevant purpose under section 22A of the <i>Vegetation Management Act 1999</i> ?			
 Yes – this development application includes written confirmation from the chief executive of the Vegetation Management Act 1999 (s22A determination) No 			
Note : 1. Where a development application for operational work or material change of use requires a s22A determination and this is not included, the development application is prohibited development.			
2. See https://www.qld.gov.au/environment/land/vegetation/applying for further information on how to obtain a s22A determination.			
Environmental offsets			
23.4) Is this development application taken to be a prescribed activity that may have a significant residual impact on a prescribed environmental matter under the <i>Environmental Offsets Act 2014</i> ?			
 Yes – I acknowledge that an environmental offset must be provided for any prescribed activity assessed as having a significant residual impact on a prescribed environmental matter No 			
Note: The environmental offset section of the Queensland Government's website can be accessed at www.qld.gov.au for further information on environmental offsets.			
Koala habitat in SEQ Region			
23.5) Does this development application involve a material change of use, reconfiguring a lot or operational work which is assessable development under Schedule 10, Part 10 of the Planning Regulation 2017?			
Yes – the development application involves premises in the koala habitat area in the koala priority area			
Yes – the development application involves premises in the koala habitat area outside the koala priority area			
No Note: If a koala habitat area determination has been obtained for this premises and is current over the land, it should be provided as part of this development application. See koala habitat area guidance materials at www.desi.gld.gov.au for further information.			



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23.6) Does this development application involve taking or interfering with underground water through an artesian or subartesian bore, taking or interfering with water in a watercourse, lake or spring, or taking overland flow water under the <i>Water Act 2000</i> ?
 Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the <i>Water Act 2000</i> may be required prior to commencing development No
Note: Contact the Department of Resources at www.resources.qld.gov.au for further information.
DA templates are available from <u>planning.statedevelopment.qld.gov.au</u> . If the development application involves:
Taking or interfering with underground water through an artesian or subartesian bore: complete DA Form 1 Template 1
Taking or interfering with water in a watercourse, lake or spring: complete DA Form1 Template 2 Taking or interfering with water in a watercourse, lake or spring: complete DA Form1 Template 2 Taking or interfering with water in a watercourse, lake or spring: complete DA Form1 Template 2
Taking overland flow water: complete DA Form 1 Template 3.
Waterway barrier works
23.7) Does this application involve waterway barrier works?
Yes – the relevant template is completed and attached to this development application
⊠ No
DA templates are available from <u>planning.statedevelopment.qld.gov.au</u> . For a development application involving waterway barrier works, complete DA Form 1 Template 4.
Marine activities
23.8) Does this development application involve aquaculture, works within a declared fish habitat area or removal, disturbance or destruction of marine plants?
Yes – an associated <i>resource</i> allocation authority is attached to this development application, if required under the <i>Fisheries Act 1994</i>
⊠ No
Note : See guidance materials at <u>www.daf.qld.gov.au</u> for further information.
Quarry materials from a watercourse or lake
23.9) Does this development application involve the removal of quarry materials from a watercourse or lake under the <i>Water Act 2000?</i>
☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development ☐ No
Note: Contact the Department of Resources at www.resources.qld.gov.au and www.business.qld.gov.au for further information.
Quarry materials from land under tidal waters
23.10) Does this development application involve the removal of quarry materials from land under tidal water under the <i>Coastal Protection and Management Act 1995?</i>
☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development ☐ No
Note: Contact the Department of Environment, Science and Innovation at www.desi.gld.gov.au for further information.
Referable dams
23.11) Does this development application involve a referable dam required to be failure impact assessed under section 343 of the <i>Water Supply (Safety and Reliability) Act 2008</i> (the Water Supply Act)?
Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the Water Supply Act is attached to this development application
No No
Note: See guidance materials at www.resources.gld.gov.au for further information.



Water resources

Tidal work or development	within a coastal manageme	ent district		
23.12) Does this development application involve tidal work or development in a coastal management district?				
 □ Evidence the propo if application involves proposed □ A certificate of title ☑ No 		sable development that is pres	scribed tidal work (only required	
Queensland and local herit				
		oment on or adjoining a place nent's Local Heritage Regist e		
Yes – details of the herita	ge place are provided in the t	able below		
For a heritage place that has cultura under the Planning Act 2016 that lim	al heritage significance as a local heri nit a local categorising instrument fron neritage significance of that place. Se	nuirements regarding development of itage place and a Queensland heritag m including an assessment benchman ne guidance materials at www.plannin	e place, provisions are in place rk about the effect or impact of,	
Name of the heritage place:	St Pauls Anglican Cathedral Hall	Place ID:	601491	
Decision under section 62	of the <i>Transport Infrastruct</i>	ure Act 1994		
23.14) Does this developmer	nt application involve new or o	changed access to a state-con	trolled road?	
 ✓ Yes – this application will be taken to be an application for a decision under section 62 of the <i>Transport Infrastructure Act 1994</i> (subject to the conditions in section 75 of the <i>Transport Infrastructure Act 1994</i> being satisfied) ✓ No 				
Walkable neighbourhoods	assessment benchmarks u	nder Schedule 12A of the Pl	anning Regulation	
	nt application involve reconfig ss), where at least one road is	uring a lot into 2 or more lots i created or extended?	n certain residential zones	
 ☐ Yes – Schedule 12A is applicable to the development application and the assessment benchmarks contained in schedule 12A have been considered ☒ No 				
Note : See guidance materials at wv	ww.planning.statedevelopment.qld.go	ov.au for further information.		
PART 8 – CHECKLIS	T AND APPLICANT I	DECLARATION		
24) Development application				
I have identified the assessm requirement(s) in question 17 Note : See the Planning Regulation 2		and all relevant referral	⊠ Yes	
If building work is associated	with the proposed developme	ent, Parts 4 to 6 of <u>DA Form 2</u> o this development application		

Supporting information addressing any applicable assessment benchmarks is with the

and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see <u>DA</u>

Note: Relevant plans are required to be submitted for all aspects of this development application. For further

The portable long service leave levy for QLeave has been paid, or will be paid before a

Relevant plans of the development are attached to this development application

Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report



☐ Yes

development application

Forms Guide: Planning Report Template.

information, see <u>DA Forms Guide: Relevant plans.</u>

development permit is issued (see 21)

	⊠ Not applicable			
25) Applicant declaration				
	all information in this development application is true and			
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 <i>Electronic Transactions Act 2001</i> Note: It is unlawful to intentionally provide false or misleading information.				
Privacy – Personal information collected in this form will b				
assessment manager, any relevant referral agency and/or which may be engaged by those entities) while processing All information relating to this development application may published on the assessment manager's and/or referral agency and/or which may be engaged by those entities) while processing agency and/or which may be engaged by those entities) while processing all information relating to this development application may published on the assessment manager's and/or referral agency agency and/or referral agency and/or referral agency agency and/or referral agency agency and/or referral	building certifier (including any professional advisers , assessing and deciding the development application. y be available for inspection and purchase, and/or gency's website.			
•	pout public access to documents contained in the <i>Planning</i> ccess rules made under the <i>Planning Act 2016</i> and			
• required by other legislation (including the Right to Info	rmation Act 2009); or			
otherwise required by law.				
This information may be stored in relevant databases. The <i>Public Records Act 2002.</i>	information collected will be retained as required by the			
PART 9 – FOR COMPLETION OF THE AS USE ONLY Date received: Reference number				
Pate reserved.	Nor(o).			
Notification of engagement of alternative assessment man	ager			
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				
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				



Rockhampton Office

232 Bolsover St, Rockhampton

Gracemere Office

1 Ranger St, Gracemere

Mount Morgan Office

32 Hall St, Mount Morgan

9 October 2024

Our Reference: D/135-2024 Enquiries: Brendan Standen 07 4936 8099 Telephone:

Access Recreation Inc. C/- Capricorn Survey Group (CQ) Pty Ltd PO BOX 1391 **ROCKHAMPTON QLD 4700**

Dear Sir/Madam

ACTION NOTICE – NOT PROPERLY MADE APPLICATION

(Given under section 3.1 of the Development Assessment Rules)

Council refers to your Development Application received by Council on 25 September 2024.

Location Details

89 William Street, Rockhampton City and 189 and 197 Denison Street address:

Street, Rockhampton City

Real property description: Lot 300 on R1675, Lot 234 on CP892530, Lot 303 and 304 on

RP905533

Application Details

Application number: D/135-2024

Application description: Material Change of Use for Office

Council does not consider the application to be a properly made application in accordance with section 51(5) of the *Planning Act 2016* for the following reason:

1) The requisite fee of \$5,175.07 has not been paid.

The action listed must be completed and a notice given to Council advising that the action notice has been complied with, within 20 business days starting the day after receiving this notice, or a further period agreed with Council, otherwise the application will be taken to have not been made in accordance with section 3.7 of the Development Assessment Rules.

Should you have any gueries regarding this matter please contact the undersigned on 07 4936 8099.

Yours faithfully





Brendan Standen Planning Officer Planning and Regulatory Services



Confirmation Notice

PLANNING ACT 2016, PART 1 OF THE DEVELOPMENT ASSESSMENT RULES

Application number:

D/135-2024
For further information regarding this notice, please contact:

Date application properly made:

For further information regarding this notice, please contact:

O7 4936 8099

1. APPLICANT DETAILS

Name: Access Recreation Incorporated

Postal address: C/- Capricorn Survey Group (CQ) Pty Ltd
PO BOX 1391
ROCKHAMPTON QLD 4700

Contact number: (07) 4927 5199 Email: reception@csgcq.com.au

2. PROPERTY DESCRIPTION

Street address:	89 William Street, Rockhampton City and 189 and 197 Denison Street, Rockhampton City
Real property description:	Lot 300 on R1675, Lot 234 on CP892530, Lot 303 and 304 on RP905533, Parish of

3. OWNER DETAILS

Name:	The Corporation Of The Synod Of The Diocese Of Rockhampton
Postal address:	St Pauls Cathedral 89 William St ROCKHAMPTON CITY QLD 4700

4. DEVELOPMENT APPROVAL SOUGHT

Development Permit for a Material Change of Use for an Office

5. APPLICATION TYPE

	Development Permit	Preliminary Approval
Development assessable under the planning scheme, a temporary local planning instrument, a master plan or a preliminary approval which includes a variation approval	\boxtimes	

Planning Regulation 2017 reference	Development Permit	Preliminary Approval
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	Planning Regulation 2017 reference	Development Permit	Preliminary Approval
Development on a Queensland heritage place - Building work assessable under the Building Act 1975 - Building work assessable under the planning scheme - Plumbing or drainage work - Material change of use - Reconfiguring a lot - Operational work	Schedule 10, part 8, division 2, subdivision 1		

6. REFERRAL AGENCIES	NIL
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Based on the information accompanying the lodged application, in accordance with the *Planning Regulation 2017*, referral to the following Referral Agencies is required.

For an application involving	Name of agency	Role of Agency	Contact Details	
QUEENSLAND HERITAGE PLACE				
Schedule 10, Part 8, Division 2, Subdivision	on 3, Table 1 - Assessa	able developmei	nt under s15(1)	
Development application for assessable development under section 15(1), unless the chief executive is the prescribed assessment manager for the application	The chief executive of the department in which the <i>Planning Act 2016</i> is administered: Department of Housing, Local Government, Planning and Public Works (State Assessment and Referral Agency Department)	Concurrence	In person: Level 2, 209 Bolsover Street, Rockhampton City Online lodgement using MyDAS2: https://prod2.dev- assess.qld.gov.au/sui te/ Email: RockhamptonSARA @dsdilgp.qld.gov.au Postal: PO Box 113 Rockhampton Qld 4700	
Schedule 10, Part 8, Division 2, Subdivision 3, Table 2 - Assessable development under s15(2)				
Development application for assessable development under section 15(2), unless the chief executive is the prescribed assessment manager for the application	The chief executive of the department in which the <i>Planning Act 2016</i> is administered:	Concurrence	In person: Level 2, 209 Bolsover Street, Rockhampton City Online lodgement using MyDAS2: https://prod2.dev-	

assess.qld.gov.au/sui te/ Department of Housing, Local Email: Government, RockhamptonSARA Planning and Public @dsdilgp.qld.gov.au Works (State Postal: Assessment and Referral Agency PO Box 113 Department) Rockhampton Qld 4700

STATE TRANSPORT INFRASTRUCTURE (State Transport Corridors and Future State Transport Corridors)

Schedule 10, Part 9, Division 4, Subdivision 2, Table 4 – Material change of use of premises near a State transport corridor or that is a future State transport corridor

Development application for a material change of use, other than an excluded material change of use, that is assessable development under a local categorising instrument, if all or part of the premises—

- (a) are within 25m of a State transport corridor; or
- (b) are a future State transport corridor; or
- (c) are-
- (i) adjacent to a road that intersects with a State-controlled road; and
- (ii) within 100m of the intersection

The chief executive of the department in which the *Planning Act 2016* is administered:

Department of Housing, Local Government, Planning and Public Works (State Assessment and Referral Agency Department) Concurrence In person:

Level 2, 209 Bolsover Street, Rockhampton City

Online lodgement using MyDAS2:

https://prod2.devassess.qld.gov.au/sui te/

Email:

RockhamptonSARA @dsdilgp.qld.gov.au

Postal:
PO Box 113
Rockhampton Qld
4700

It is the responsibility of the applicant to give within 10 business days each referral agency a copy of -

- the application (including application form and supporting material);
- this confirmation notice; and
- any applicable concurrence agency application fee (refer to the *Planning Regulation* to confirm the applicable referral agencies).

The applicant must provide written advice to Council (as the Assessment Manager) of the day on which this action was completed.

7. IMPACT ASSESSMENT

Will Impact Assessment be required?

YES

The whole of the application must be publicly notified under the provisions of Part 4 of the Development Assessment Rules by:

- Publishing a notice at least once in a newspaper circulating generally in the locality of the premises which are the subject of the application; and
- Placing a notice on the premises which are the subject of the application. The notice must remain on the premises for the period of time up to and including the stated day; and
- Giving a notice to all owners of any lots adjoining the premises which are the subject of the application.

8. PUBLIC NOTIFICATION DETAILS

The application requires public notification which must be undertaken in accordance with Section 53 of the *Planning Act 2016* and Part 4 of the Development Assessment Rules.

9. INFORMATION REQUEST

A further information request may be made by the assessment manager. Regardless of this advice, any concurrence agency for the application may make an information request.

10. SUPERSEDED PLANNING SCHEME

Is the	e application to be assessed under a Superseded Planning Scheme?	NO
	Planning Scheme	
\boxtimes	The development was not assessable under the Superseded Planning Schapplication may proceed, as proposed.	eme and the
	The development was assessable under the Superseded Planning Schen	
	The application will not be assessed under the Superseded Planning Scheme. Twill instead be assessed against the current planning scheme.	he application

You are further advised that the truth and accuracy of the information provided in the application form and accompanying information is relied on when assessing and deciding this application. If you find an INACCURACY in any of the information provided above or have a query or seek clarification about any of these details, please contact Council's Development Assessment Unit.

11. ASSESSMENT MANAGER

Name:	Sophie Muggeridge PLANNING OFFICER	Signature:	W	Date:	16 October 2024



Our reference: 2410-42966 SRA

Your reference: 9336

22 October 2024

Access Recreation Incorporated c/- Capricorn Survey Group (CQ) Pty Ltd PO Box 1391 ROCKHAMPTON QLD 4700 reception@csgcq.com.au

Dear Sir/Madam

Referral confirmation notice

(Given under section 7 of the Development Assessment Rules)

The development application described below is taken to be properly referred to the State Assessment and Referral Agency (SARA) under Part 2: Referral of the Development Assessment Rules.

Location details

Street address: 197 Denison Street, Rockhampton City; 189 Denison Street,

Rockhampton City; 89 William Street, Rockhampton City

Real property description: 304RP905533; 303RP905533; 234CP892530; 300R1675

Local government area: Rockhampton Regional Council

Application details

Development permit Material change of use for an office

The referral confirmation period ended on 22 October 2024. SARA's assessment will be under the following provisions of the Planning Regulation 2017:

- 10.8.2.3.1.1 Queensland heritage place (on or near a Queensland heritage place)
- 10.8.2.3.2.1 Queensland heritage place (on or near a Queensland heritage place)
- 10.9.4.2.4.1 State transport corridors and future State transport corridors

For further information please contact Thomas Gardiner, Principal Planning Officer, on 0749242916 or via email RockhamptonSARA@dsdilgp.qld.gov.au who will be pleased to assist.

Yours sincerely

01/

Anthony Walsh Manager Planning

Notice of intention to commence public notification

Section 17.2 of the Development Assessment Rules

D/135-2024	[application reference number]
Access Recreation Inc	[applicant name]
C/- Capricorn Survey Group (CQ) Pty Ltd – PO Box 1391, Rockhampton QLD 4700 reception@csgcq.com.au	[contact address/email address]
(07) 4927 5199	[contact number]
15 November 2024	[notice date]
Sophie Muggeridge	[assessment manager's name]
Rockhampton Regional Council PO Box 1860, Rockhampton QLD 4700	[assessment manager's address]

RE: Application for:

[details of proposed development]

Material Change of Use for an Office

[street address]

89 William Street and 189 & 197 Denison Street, Rockhampton City

[real property description]

Lot 300 on R1675, Lot 234 on CP892530 and Lots 3 & 4 on RP905533

Dear

[sir/madam/name]

Sophie

In accordance with section 17.2 of the Development Assessment Rules, I intend to start the public notification required under section 17.1 on:

[insert intended date of commencement

18th November 2024

At this time, I can advise that I intend to: [provide details below if known] Publish a notice in: [insert name of the newspaper] **CQ Today** on [intended date for publishing] 16th November 2024 and Place notice on the premises in the way prescribed under the Development Assessment Rules [intended date notice to be erected] 15th November 2024 and Notify the owners of all lots adjoining the premises the subject of the application [intended date owners to be notified] 13th November 2024 If you wish to discuss this matter further, please contact me on the above telephone number. Yours sincerely [applicant name, signature and date] **Madison Day**

15 November 2024