



SITE BASED STORMWATER MANAGEMENT PLAN

**Proposed Commercial Development
Corella Constructions Pty Ltd
L13 Yarrabilba Drive, Yarrabilba
Lot 13 on SP327419**

Prepared for:

Corella Constructions Pty Ltd

Approved by:

**Mr Tristan Nelson
Director
Cozens Regan Group Pty Ltd
RPEQ: 15735**

Date:

October 2022

**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

Approval no: DEV2022/1316

Date: 21 December 2022



Queensland
Government

DOCUMENT CONTROL RECORD

Report Details

Client: Corella Constructions Pty Ltd
Document Name: Site Based Stormwater Management Plan
Site Address: L13 Yarrabilba Drive, Yarrabilba
Lot 13 SP327419
Job Number: 210601
File Name: 210601_SWMP_B.docx

Issue	Rev	Approved	Date	Distributed to:	Qty.
Preliminary	A		10/06/2022	Corella Constructions Pty Ltd	1
Preliminary	B		21/10/2022	Corella Constructions Pty Ltd	1

This document is produced by Cozens Regan Group Pty Ltd for the benefit of and use by the client in accordance with the terms of the agreement. Cozens Regan Group Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

Table of Contents

EXECUTIVE SUMMARY	4
1.0 INTRODUCTION.....	5
1.1 GENERAL INTRODUCTION	5
1.2 SCOPE OF PLAN	5
2.0 THE SITE	5
2.1 SITE LOCATION	5
2.2 SITE DESCRIPTION.....	6
2.3 DESCRIPTION OF DEVELOPMENT	6
3.0 STORMWATER QUALITY ASSESSMENT.....	7
3.1 WATER QUALITY TREATMENT TARGETS.....	7
3.2 BIORETENTION SIZING & SPECIFICATION	7
3.3 MONITORING	9
4.0 STORMWATER QUANTITY	10
4.1 LAWFUL POINT OF DISCHARGE & STORMWATER MITIGATION	10
5.0 FLOODING	11
6.0 QUALIFICATIONS	12
REFERENCES.....	13
Appendix A.....	14
Appendix B.....	Error! Bookmark not defined.
Appendix C.....	15
Appendix D.....	16

EXECUTIVE SUMMARY

This report examines and evaluates options for Stormwater Quantity and Quality Management during the construction and operational phase for the Proposed Commercial Development at L13 Yarrabilba Drive, Yarrabilba

The strategies proposed in this report will provide short and long term community benefits with an Environmentally Sensitive Design emphasis.

Stormwater Quality Management

The stormwater quality management objectives have been met with the provision of a Bioretention Basin sized to cater for the required Pollution Reduction Targets.

Stormwater Quantity Management

The Stormwater Infrastructure Master Plan prepared by Design Flow dated July 2012 and referenced in the Decision Notice DEV2018/922 for the overarching ROL approval is understood to have catered for the developed flows for this subject development lot and thus no mitigation of stormwater quantity discharge is required.

It is the proposal of this Stormwater Management Plan to ensure that all stormwater from the site is directed safely into the existing 2 x stormwater pipes and headwalls which discharge adjacent the eastern boundary.

Flooding and Overland Flow

The development site is not currently affected by flooding or inundation.

1.0 INTRODUCTION

1.1 GENERAL INTRODUCTION

Cozens Regan Group Pty Ltd has been commissioned by Corella Constructions Pty Ltd to prepare a Stormwater Management Plan for the Proposed Commercial Development at L13 Yarrabilba Drive, Yarrabilba.

This Stormwater Management Plan is required to support a proposed Development Application to Economic Development Queensland.

The proposed area of works is shown on the Plan of Development contained in Appendix B, along with the detail site survey.

1.2 SCOPE OF PLAN

In accordance with Logan City Council's Planning Scheme the matters which have been addressed within the scope of this report are described below.

- Erosion and Sediment Control
- Stormwater Quantity
- Flooding and Overland Flow

2.0 THE SITE

2.1 SITE LOCATION

The subject site comprises of one lot described as Lot 13 on SP327419 at L13 Yarrabilba Drive, Yarrabilba. The site is bound by Yarrabilba Drive to the West and Expedition Drive to the North, and existing, undeveloped land to the south and public reserve to the East. The site is burdened by a Powerlink Easement over the lower southern portion of the site. The subject site is shown in Figure 1 below.



Figure 1 – Aerial Photograph (QLD Globe)

2.2 SITE DESCRIPTION

The site is currently vacant with good grass cover.

A Powerlink easement exists located over the lower Southern portion of the property.

The site generally falls from the West to the East, a batter exists adjacent the western boundary and a retaining wall exists adjacent the eastern boundary. This results in an approximate grade of the land 3-5%. The levels at the extremities of the site range from RL 36.00m down to RL 25.60m.

The total area of Lot 13 is 8,855m².

Stormwater from the site currently flows as overland flow and is collected by a concrete dish drain positioned atop the existing retaining wall. Runoff from the dish drain is collected by 2 existing gully pits which discharge the runoff via headwalls on the lower side of the wall directly adjacent the eastern boundary.

Details of the existing site including services and site contours are provided by detail survey a copy of which is contained in Appendix A.

2.3 DESCRIPTION OF DEVELOPMENT

The proposed development involves the construction of a multi building commercial development, including associated carparking, landscaping and servicing works.

Refer to the Site Plan contained within Appendix A for more information in regards to the proposed development.

3.0 STORMWATER QUALITY ASSESSMENT

3.1 WATER QUALITY TREATMENT TARGETS

The approved Stormwater Quality Management Plan referenced under the Overarching ROL Application Dev 2018/922 titled Stormwater Quality Management Strategy, prepared by Design Flow and dated 01/03/2018 shows the subject allotments Stormwater Quality Treatment to be met by providing on site treatment with a nominal 100m² bioretention basin shown.

This above referenced approved Stormwater Quality Management Plan is contained within Appendix D for EDQ's information.

In accordance with the relevant PDA Guideline No. 13 Engineering standards – Stormwater quality, the objective for stormwater quality treatment consist of pollution reduction targets as follows.

Table 3.1: Pollutant Reduction Targets

Pollutant	Reduction Target
Total Suspended Solids (TSS)	80%
Total Phosphorus (TP)	60%
Total Nitrogen (TN)	45%
Gross Pollutants	90%

In accordance with the approved Stormwater Quality Management Plan and in order to meet the Pollution Reduction Targets for the subject development site a bioretention solution meeting the above targets is proposed.

3.2 BIORETENTION SIZING & SPECIFICATION

The developed site runoff is to be directed to the bioretention basin for treatment and then treated water is to be split to discharge via the 2 x existing stormwater pipes located adjacent the eastern boundary (lawful point of discharge).

To confirm the proposed size of the bioretention basin to meet the targets, water quality modelling with the software package MUSIC has been undertaken. The Music model has been calibrated in accordance with the Water By Design MUSIC modelling guidelines.

The catchment breakdown for the site has been determined as follows.

Table 3.2: Catchment area breakdown

Area Type	Area ha	Impervious Fraction
Roof	0.2680	100%
Road	0.4370	100%
Landscaping	0.1805	0%
Total	0.8855	

Bioretention Basin No.1

Filter Media Area = 100m²

Filter Media Depth = 300mm

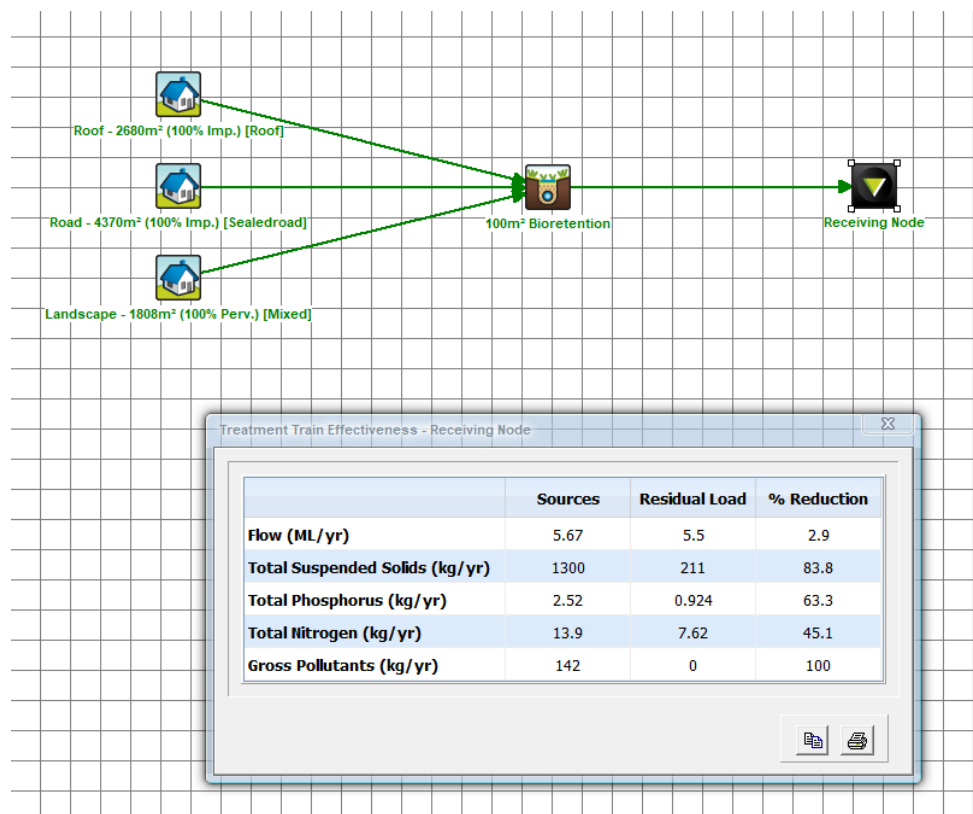


Figure 3.2: MUSIC Model output

As demonstrated above the proposed music model confirms the pollutant reduction achieved. The proposed bioretention basin therefore provide sufficient treatment in accordance the Council requirements.

Refer to 210601/SK02_Stormwater Management Plan for the location and layout of the Civil stormwater drainage system, including the bioretention locations and outlet configuration.

3.3 MONITORING

The objective is to provide a stormwater drainage system that reduces the impact the development may pose to the local environment. Management practices to assist in the reduction of the reliance on the primary treatment structures will be implemented.

Provision of long term water quality monitoring for this development is considered impractical and is not supported.

The Contractor/Builder is responsible for the installation and maintenance of the primary control measures, being the bioretention basin during the construction phase and the defects liability period.

Maintenance responsibilities for the operating life of the project revert to the Owner/ business operators once the defects liability period has expired.

Maintenance will require as a minimum:

- Regular inspections after rainfall events.
- Cleaning/replacement of the treatment devices in accordance with the manufacturers recommendations and the Water by Design Technical Guidelines.
- Removal of accumulated gross pollutants.

Failure to maintain the proposed stormwater treatment devices and infrastructure will lead to poor aesthetics and site amenity, increased potential for erosion, scouring, increased discharges of stormwater pollutants, and higher potential for adverse stormwater impacts to be imposed on adjacent and downstream properties and waterways.

4.0 STORMWATER QUANTITY

4.1 LAWFUL POINT OF DISCHARGE & STORMWATER MITIGATION

In accordance with Section 3 of the Queensland Urban Drainage Manual all development must address the 3 Point Lawful Point of Discharge Test.

The criteria for determining the lawful point of discharge are:

(i) Will the proposed development alter the site's stormwater discharge characteristics in a manner that may substantially damage a third party property?

The Stormwater Infrastructure Master Plan prepared by Design Flow dated July 2012 and referenced in the Decision Notice DEV2018/922 for the overarching ROL approval under the section ***"Infrastructure Master Plans previously endorsed in accordance with DEV2011/187 and still applicable to this approval"*** is understood to have catered for the developed flows for this subject development lot and thus no mitigation of stormwater quantity discharge is required.

It is the proposal of this Stormwater Management Plan to ensure that all stormwater from the site is directed safely into the existing 2 x stormwater pipes and headwalls which discharge adjacent the eastern boundary.

This existing receiving pipework and downstream network has been designed to cater for the developed flows and therefore the answer to this test is no and thus no further steps are required to obtain tenure for a lawful point discharge (assuming any previous circumstances and changes were lawful).

Regardless of the non-obligation to obtain tenure for a Lawful Point of Discharge it is noted that the site's Lawful Point of Discharge is considered the 2 x existing stormwater pipes and headwalls which discharge across the eastern boundary into Lot 908 SP 327419.

Refer to the Stormwater Management Plan 210601/SK02- Concept Stormwater Management Plan for more information.

5.0 FLOODING

The site has not been identified within Logan City Councils Flood mapping as affected by Flooding and thus no further consideration is required.

6.0 QUALIFICATIONS

This Site Based Stormwater Management Plan for L13 Yarrabilba Drive, Yarrabilba has been prepared specifically for this development as requested by Corella Constructions Pty Ltd. Our analysis and approach is limited to the scope stated at the beginning of the report. As such third parties are not authorised to utilise this report without the written approval and advice from Cozens Regan Group Pty Ltd.

Cozens Regan Group Pty Ltd relied on the following supplied information in preparation of this report:

- Building Layout supplied by Elevation Architecture.
- Rainfall data for Underwood supplied by the Bureau of Meteorology.

The accuracy of this report is dependent on the accuracy of the information supplied.

While Cozens Regan Group Pty Ltd has taken every precaution to ensure the accuracy of the assessment it should be noted that the catchment is ungauged and as such future observed flows may vary from that predicted.

REFERENCES

- The Logan City Council Planning Scheme
- Queensland Urban Drainage Manual 2017(Natural Resources and Water)
- Urban Stormwater – Queensland best practice environmental guidelines January 2009 (Environmental Protection Agency)

Appendix A

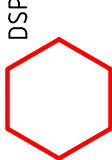
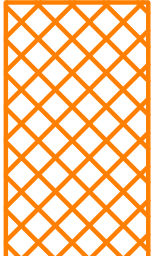
- Concept Erosion and Sediment Control Plan 210601/SK01
- Concept Stormwater Management Plan 210601/SK02
- Concept Stormwater Management Details 210601/SK04

LEGEND

SILTATION FENCE REFER TO
IPWEA STD. DRG DS-040

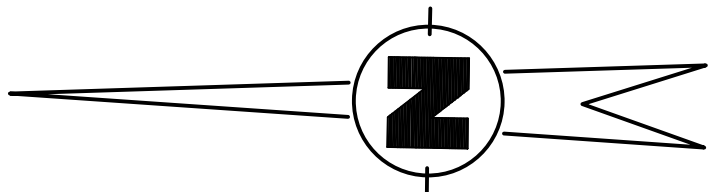
SHAKE DOWN AREA REFER TO
IPWEA STD. DRG DS-040

DSP
DENOTES DRAINAGE STRUCTURE PROTECTION
REFER TO IPWEA STD. DRG DS-041



NOTES : SEDIMENT CONTROL

- CONSTRUCTION IS TO BE PROGRAMMED TO PROVIDE INSTALLATION OF PERIMETER LANDSCAPING/SURFACE TREATMENT AS EARLY AS PRACTICAL.
- AT THE PRESTART MEETING THE CONTRACTORS WORKS PROGRAM IS TO BE REVIEWED. ALTERATIONS TO THE PROGRAM MAY BE REQUIRED TO ENSURE SATISFACTORY EROSION AND SEDIMENT CONTROL.
- A PHOTOGRAPHIC RECORD OF SEDIMENT AND EROSION CONTROL DEVICES AND THE IMMEDIATE DOWNSTREAM STORMWATER SYSTEM IS TO BE CARRIED OUT ON A FORTNIGHTLY CYCLE AND AFTER EACH MAJOR STORM EVENT. CARRY OUT CORRECTIVE AND PREVENTATIVE ACTION AS REQUIRED.
- PUBLIC AND WORKPLACE SAFETY ISSUES MUST BE CONSIDERED AND MONITORED FOR EACH DEVICE TO THE SATISFACTION OF THE SUPERINTENDENT.
- WOVEN FABRICS ARE TO BE USED FOR SEDIMENT FENCE FILTER FABRIC.
- SEDIMENT MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES AND MAINTAINED AT A SUITABLE LEVEL/CONDITION THROUGHOUT CONSTRUCTION. SEDIMENT FENCES ARE TO BE CLEANED OUT WHEN CAPACITY IS REDUCED TO 30%. DRAINAGE STRUCTURE PROTECTION IS TO BE CLEANED FOLLOWING EACH SIGNIFICANT RUNOFF PRODUCING STORM.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE CONTROL TO DIVERT FLOW FROM UNDISTURBED AREAS AROUND DISTURBED AREAS AND DIRECT FLOW FROM DISTURBED AREAS TOWARDS CONTROL DEVICES.
- PONDED SEDIMENT LADEN RAINFALL SHALL BE TREATED TO ACHIEVE THE WATER QUALITY OBJECTIVES IN TABLE 8.2.1 OF THE QUEENSLAND WATER QUALITY GUIDELINES (DERM SEPT 2009) PRIOR TO DISCHARGING FROM SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROL DEVICES. ALL DEVICES ARE TO BE INSPECTED AT LEAST WEEKLY AND AFTER SIGNIFICANT PRODUCING STORMS.
- IF EROSION AND SEDIMENT CONTROL DEVICES HAVE BEEN FOUND TO BE DEFICIENT OR FAILED IN SERVICE DUE TO UNFORESEEN CIRCUMSTANCES CORRECTIVE ACTION IS TO BE UNDERTAKEN BY THE CONTRACTOR IMMEDIATELY WHICH MAY INCLUDE AMENDMENTS/ADDITIONS TO THE ORIGINAL EROSION CONTROL PLANS. SUCH ADDITIONS OR AMENDMENTS ARE TO BE APPROVED BY THE SUPERINTENDENT.
- SEDIMENT MANAGEMENT DEVICES ARE TO BE MAINTAINED BY THE CONTRACTOR AS NOTED AND DETAILED UNTIL APPROVAL HAS BEEN GRANTED BY THE ENGINEER FOR THESE REMOVAL. THE CONTRACTOR IS TO REMOVE AND DISPOSE OF THESE DEVICES OFF SITE.
- ALL TEMPORARY ACCESS ROADS AND HARDSTAND AREAS ARE TO BE TRIMMED AND MAINTAINED IN A SERVICEABLE CONDITION FOR THE DURATION OF THE CONTRACT.
- ALL TEMPORARY ACCESS ROADS AND HARDSTAND AREAS ARE TO BE REINSTATED TO THE SATISFACTION OF THE SUPERINTENDENT AT THE END OF THE CONTRACT.



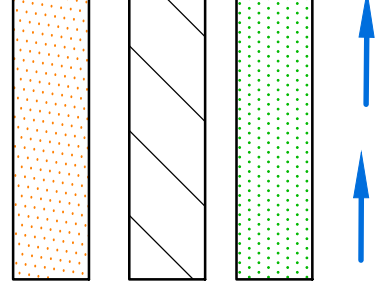
IMPORTANT NOTE:
www.dialbeforeyoudig.com.au
DIAL1100
BEFORE YOU DIG
ALL UNDERGROUND SERVICES
SHOULD BE LOCATED ON SITE
BY RELEVANT AUTHORITIES
BEFORE ANY WORK IS COMMENCED

IN ASSOCIATION WITH		PRELIMINARY NOT FOR CONSTRUCTION		 0 5 10 1: 250		 COZENS REGAN GROUP		SUITE 7 ADVANCE BUSINESS CENTRE 39 LAWRENCE DRIVE NERANG PO BOX 2711 NERANG QLD 4211 P: (07) 5578 4100 F: (07) 5578 4092 E: mail@cozreg.com.au W: www.cozreg.com.au		DESIGNED TWN		CLIENT CORELLA CONSTRUCTION		JOB NO. 210601			
DATE		REVISED		B.A.R.		T.W.N.		APPROVED FOR AND ON BEHALF OF COZENS REGAN GROUP PTY LTD (RPEQ No 93751)		CHECKED TWN		DRAWN BAR		PROJECT PROPOSED COMMERCIAL DEVELOPMENT LOT 13 YARRABILBA DRIVE, YARRABILBA		ISSUE Sk.1	
P1		06/22		ORIGINAL ISSUE												P1	
No.		DATE		ISSUE													

LEGEND

- EXISTING CONTOUR
EXISTING SURFACE LEVEL
EXISTING WATER
EXISTING STORMWATER
EXISTING SEWER
EXISTING TELSTRA
EXISTING ELECTRICAL
PROPOSED WATER CONNECTION
PROPOSED SEWERAGE
PROPOSED PRIVATE STORMWATER
PROPOSED SURFACE FALL ARROW
PROPOSED FINISHED SURFACE LEVEL
BARRIER KERB & CHANNEL (B1)
CHANNEL
ALL KERBS TO BE INSTALLED
TO IPWEA STD DRG. RS-080
PROPOSED DRIVEWAY/CAR PARKING BAYS
PROPOSED BUILDING
PROPOSED BIO BASIN
PREFER DETAILS ON SK04
PROPOSED OVERLAND FLOW PATH

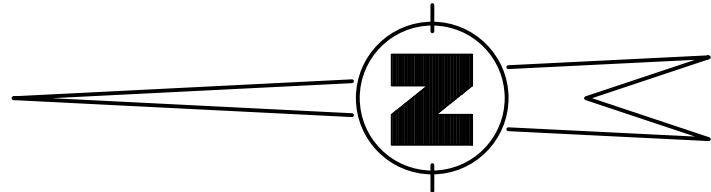
- + RL 40.00
BKC
BK
CH



IMPORTANT NOTE.



ALL UNDERGROUND SERVICES
SHOULD BE LOCATED ON SITE
BY RELEVANT AUTHORITIES
BEFORE ANY WORK IS COMMENCED.



NO.	DATE	ISSUE	REVISED	CHECKED
P2	10/22	MINOR AMENDMENTS FOR RFI	B.A.R.	T.W.N.
P1	06/22	ORIGINAL ISSUE	B.A.R.	T.W.N.

PRELIMINARY
NOT FOR CONSTRUCTION

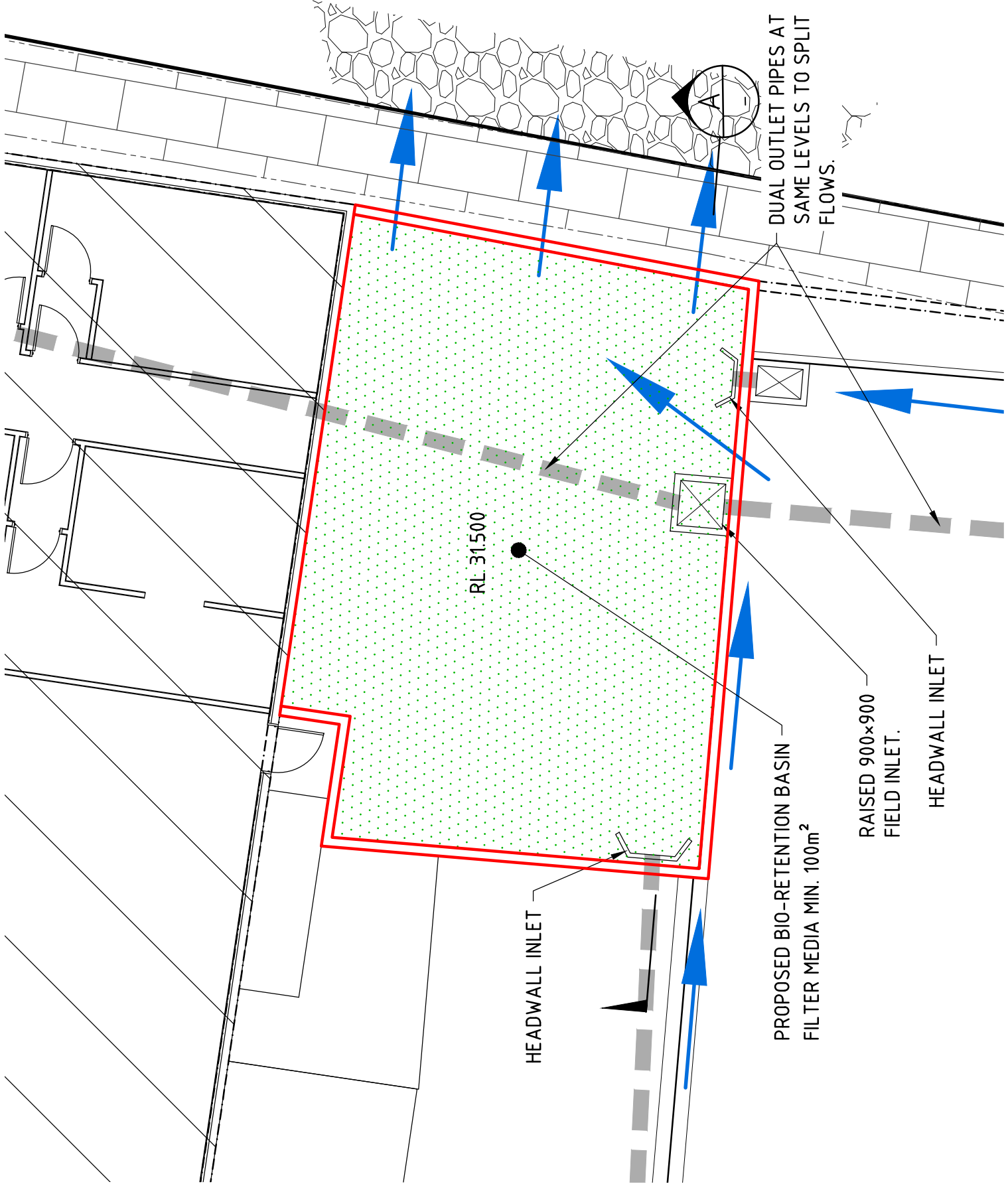
SCALE A
SCALE B
DATUM AND U.N.O.J.



SUITE 7 ADVANCE BUSINESS CENTRE
39 LAWRENCE DRIVE NERANG
PO BOX 2711 NERANG QLD 4211
P: (07) 5578 4100
F: (07) 5578 4092
E: mail@cozreg.com.au
W: www.cozreg.com.au

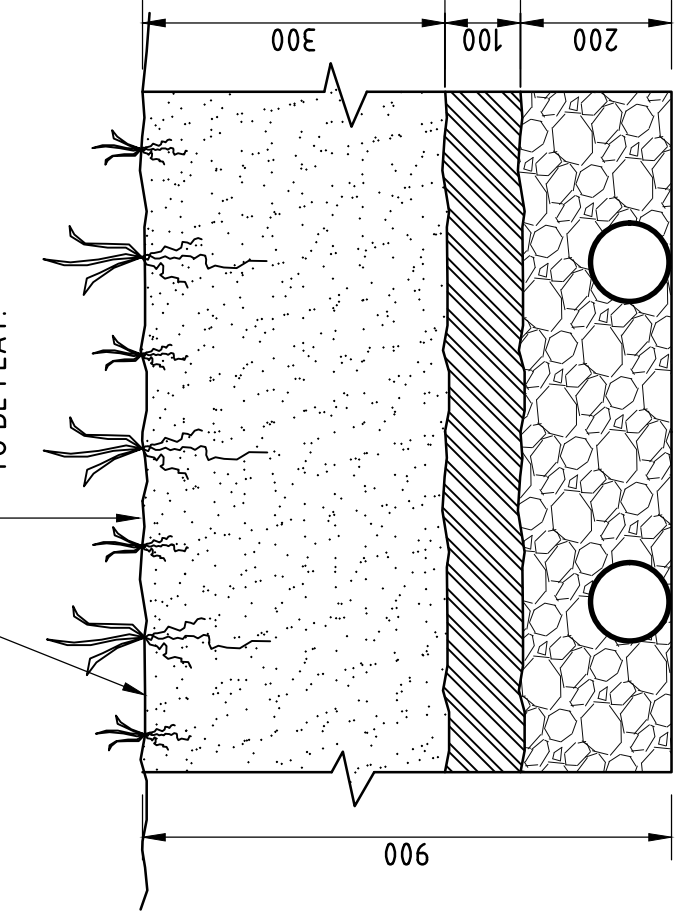
CLIENT: CORELLA CONSTRUCTION
PROJECT: PROPOSED COMMERCIAL DEVELOPMENT
LOT 13 YARRABILBA DRIVE, YARRABILBA
CONCEPT STORMWATER MANAGEMENT PLAN

210601
DRAWING NO
ISSUE
P1P2



PLANT SPECIES & PLANTING DENSITY TO BE CARRIED OUT IN ACCORDANCE WITH THE 'WATER SENSITIVE URBAN DESIGN' TECHNICAL DESIGN GUIDELINES FOR STH. EAST QLD - VERSION 1 JUNE 2006- TABLE A-1 AND A-2.

BIO FILTER MEDIA SURFACE TO BE FLAT.



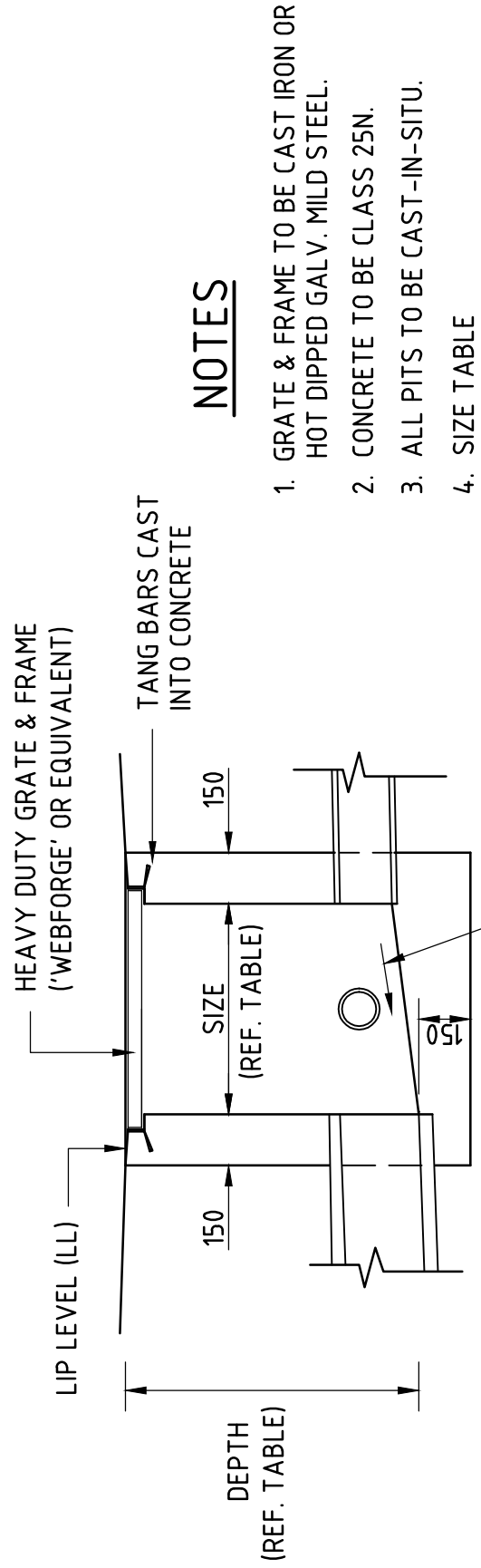
FILTER MEDIA
"SOUTHERN PACIFIC SANDS PTY LTD - BIORET PLUS" OR APPROVED EQUIVALENT SANDY LOAM WITH 400-500mm/hr SATURATED HYDRAULIC CONDUCTIVITY.
IN-SITU HYDRAULIC CONDUCTIVITY TO REACH 180mm/hr ONCE SETTLEMENT AND COMPACTION HAS TAKEN PLACE.
ORGANIC CONTENT 4.4% DRY WEIGHT
PARTICLE SIZE <3% PASSING 0.05mm (w/w)
>97% PASSING 2mm (w/w)
pH BETWEEN 5.5-7.5
PHOSPHORUS CONCENTRATION <100mg/kg

TRANSITION LAYER
1mm COARSE SAND
(DESIGNED IAW WSUD TDG SECTION 5.3.4.3)

DRAINAGE LAYER
2-5mm SCREENINGS COARSE SAND/GRAVEL
(DESIGNED IAW WSUD TDG SECTION 5.3.4.2)

SLOTTED 100mm RIGID PIPE (UPVC OR SIMILAR TO AS 2439.1) OR APPROVED EQUIVALENT, 0.5% MIN. GRADE, SPACED EQUALLY AT 15m CENTRES (REFER IPWEAQ STANDARD DRAWING WSUD-001)

TYPICAL BIORETENTION SECTION

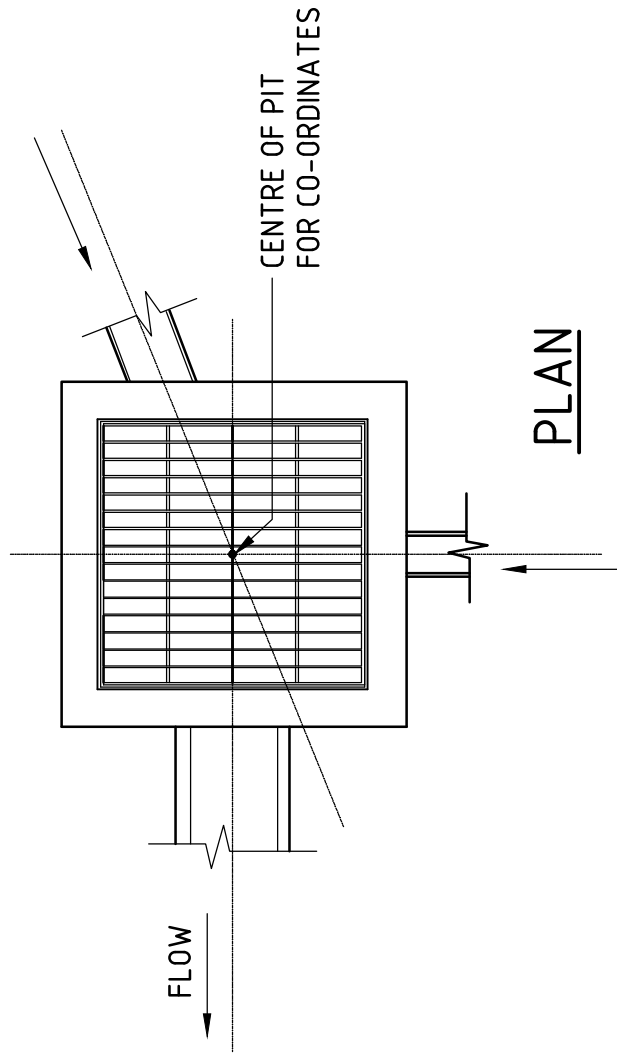


NOTES

- GRATE & FRAME TO BE CAST IRON OR HOT DIPPED GALV. MILD STEEL.
- CONCRETE TO BE CLASS 25N.
- ALL PITS TO BE CAST-IN-SITU.
- SIZE TABLE

DEPTH	WIDTH	LENGTH
UP TO 900mm	600mm	600mm
900 TO 1500mm	600mm	900mm

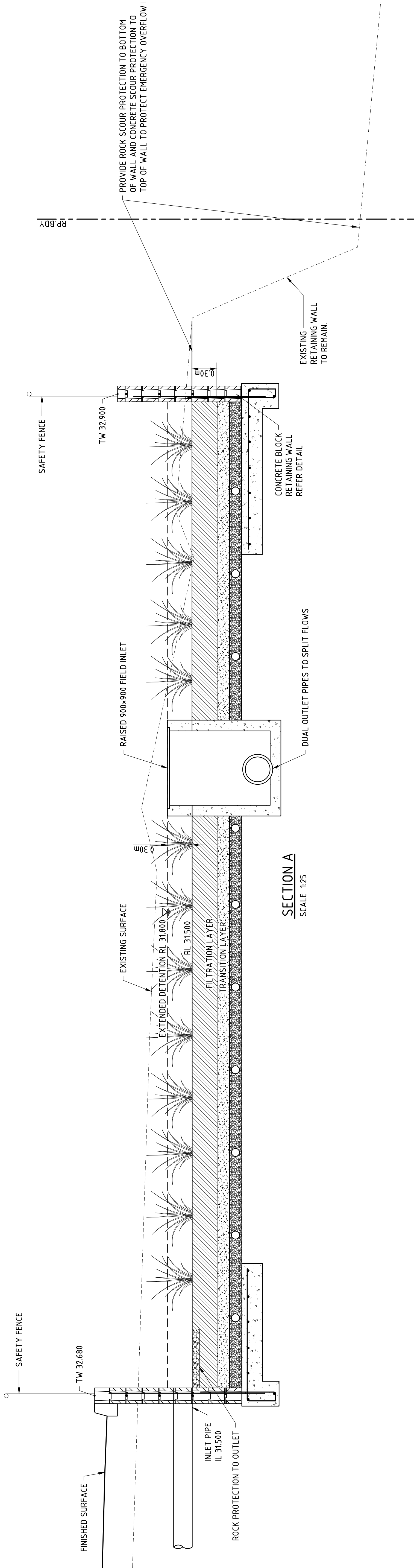
- UPSTREAM PIPE BACKFILL/BEDDING TO BE DRAINED INTO GULLY WITH FABRIC COVERED SEEPAGE PIPE CONNECTION.



PLAN

FIELD GULLY DETAIL

SCALE 1:20



SECTION A

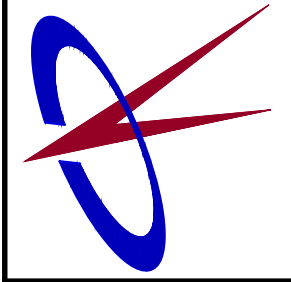
SCALE 1:25

NO.	DATE	ISSUE	REVISED	CHECKED
P2	10/22	RFI RESPONSE	B.A.R.	T.W.N.
P1	06/22	ORIGINAL ISSUE	B.A.R.	T.W.N.

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE A
0 5 10 1:250

SCALE B
AND (UNO.)



**COZENS
REGAN
GROUP**
CONSULTING ENGINEERS • CIVIL • STRUCTURAL

SUITE 7 ADVANCE BUSINESS CENTRE
39 LAWRENCE DRIVE NERANG
PO BOX 2711 NERANG QLD 4211
P: (07) 5578 4100
F: (07) 5578 4092
E: mail@cozreg.com.au
W: www.cozreg.com.au

DESIGNED
DRAWN
CHECKED
APPROVED FOR AND ON BEHALF OF
COZENS REGAN GROUP PTY LTD
(RPEQ No 85755)

CLIENT
T.W.N.
PROJECT
B.A.R.

CORELLA CONSTRUCTION

PROPOSED COMMERCIAL DEVELOPMENT
LOT 13 YARRABILBA DRIVE, YARRABILBA
CONCEPT STORMWATER MANAGEMENT DETAILS

210601
DRAWING NO.
SK.4
ISSUE
P1P2

Appendix B

ARCHITECTURAL SITE PLAN

SITE INFORMATION

Real Property Description: Lot 13

Local Authority: Logan City Council

DEVELOPMENT INFO

GFA	180.2 m ²
Food & Drink Outlet	200.0 m ²
Restaurant	311.9 m ²
Shop	1,927.9 m ²
Recreation	66.7 m ²
Amenities	2,686.7 m ²
TOTAL	
Bin 1	26.6 m ²
Bin 2	19.0 m ²
Bin 3	7.2 m ²
Site Cover	3,183.6 m ²
Carpark (Including 3 PWD spaces)	140
LANDSCAPED OPEN SPACE	
Landscaping	951.0 m ²
Bio-retention basin	100.1 m ²
Impervious	8,077.9 m ²



Revision	
G	Site Layout Update
H	Site Plan Update
I	Site Plan Update
J	Civil Coordination
K	Levels

13/05/2022	Project	Yarrabilba Retail Development
13/05/2022	Client	Lot 13 Yarrabilba Drive Yarrabilba
20/05/2022		
26/05/2022		

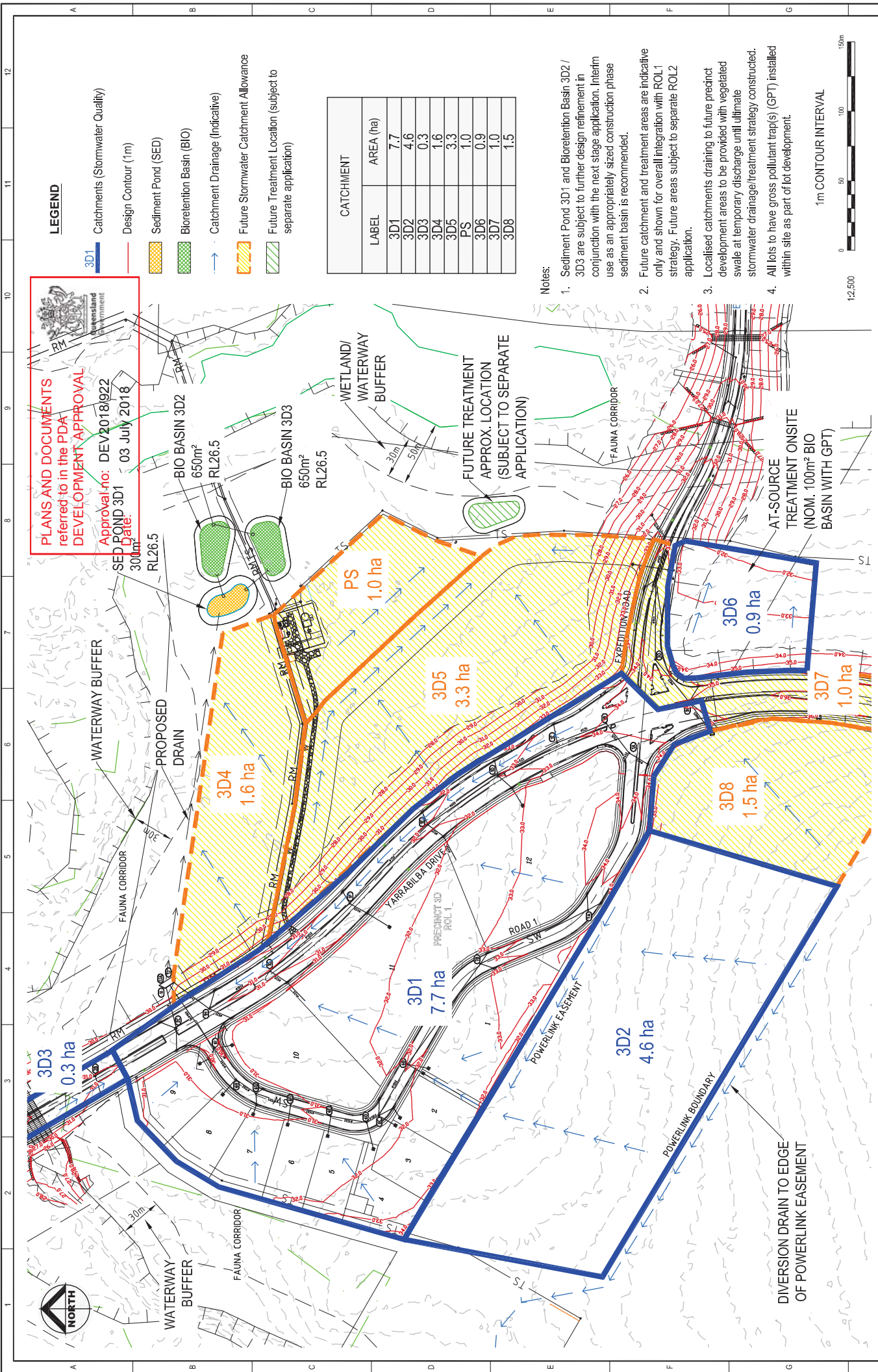
PH	Architect
PH	Drawn

Development Application	Stage
Preliminary (NOT FOR CONSTRUCTION)	Status
1:500 at A3	Scale
1039-07	Project No.



Appendix C

APPROVED STORMWATER QUALITY MANAGEMENT STRATEGY



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2018/922
SED POND 3D1
Date: 03 July 2018



THIS DRAWING IS COPYRIGHT TO DESIGNFLOW.
NO PART OF THIS DRAWING INCLUDING THE WHOLE OR PART THEREOF SHALL BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF DESIGNFLOW.

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	INTS	DATE	INTS	CHECKED BY	DRAWN BY
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

CLIENT	LENDELEASE
PROJECT	YARRABILBA PRECINCT 3D
DRAWN	NSS
DATE	01.03.18
DESIGNED	NSS
DATE	01.03.18
SCALE	1:2500
PROJECT N°	A3
FIGURE N°	FIGURE 1
REVISION	A

PROJECT	YARRABILBA PRECINCT 3D
DRAWN	NSS
DATE	01.03.18
DESIGNED	NSS
DATE	01.03.18
SCALE	1:2500
PROJECT N°	A3
FIGURE N°	FIGURE 1
REVISION	A