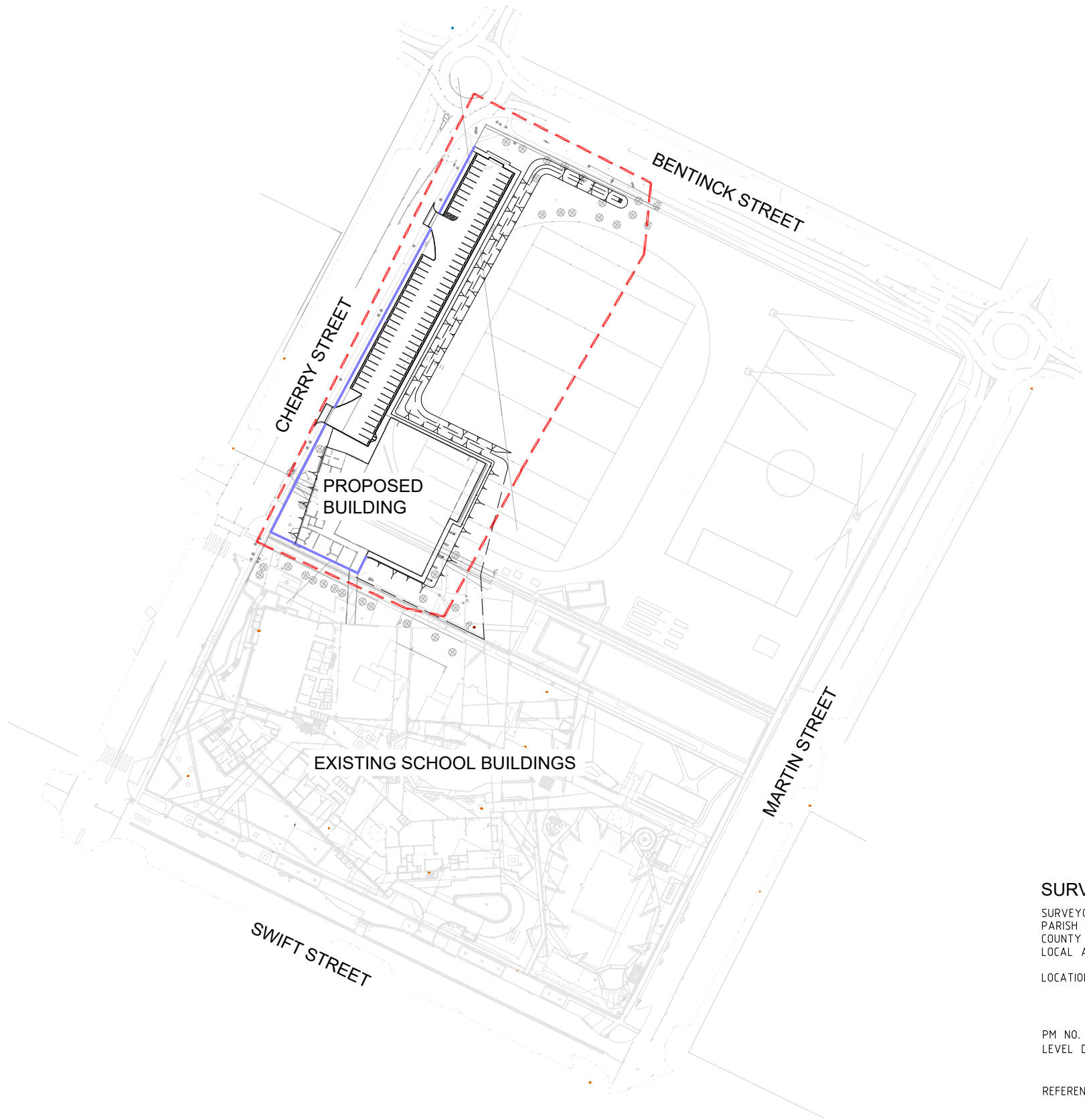


BALLINA SPORTS
CENTRE

for

PDT Architects



SITE LAYOUT PLAN
SCALE 1:500 @ A1

SURVEY INFORMATION
SURVEYOR: KENNEDY SURVEYING
PARISH OF: REFER SURVEY
COUNTY OF: REFER SURVEY
LOCAL AUTHORITY: BALLINA SHIRE COUNCIL

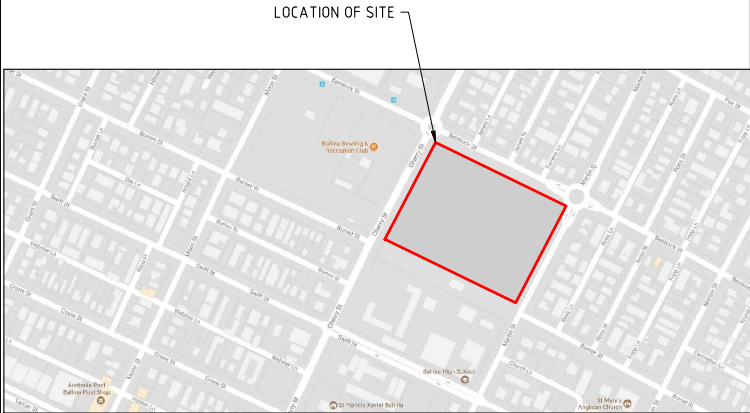
LOCATION: 37-39 CHERRY STREET
BALLINA NSW, 2478

PM NO. PM No. 37145
LEVEL DATUM RL. RL 1.559 AHD DERIVED

REFERENCE PLANS No. 15071A Rev 03

WORKS BOUNDARY

DRAWING LIST	
Sheet Number	Drawing Title
C100	FACE SHEET
C101	GENERAL ARRANGEMENT
C301	ROADWORKS & DRAINAGE LAYOUT PLAN (SHEET 1 OF 2)
C302	ROADWORKS & DRAINAGE LAYOUT PLAN (SHEET 2 OF 2)
C401	STORMWATER MANAGEMENT LAYOUT PLAN (SHEET 1 OF 2)
C402	STORMWATER MANAGEMENT LAYOUT PLAN (SHEET 2 OF 2)

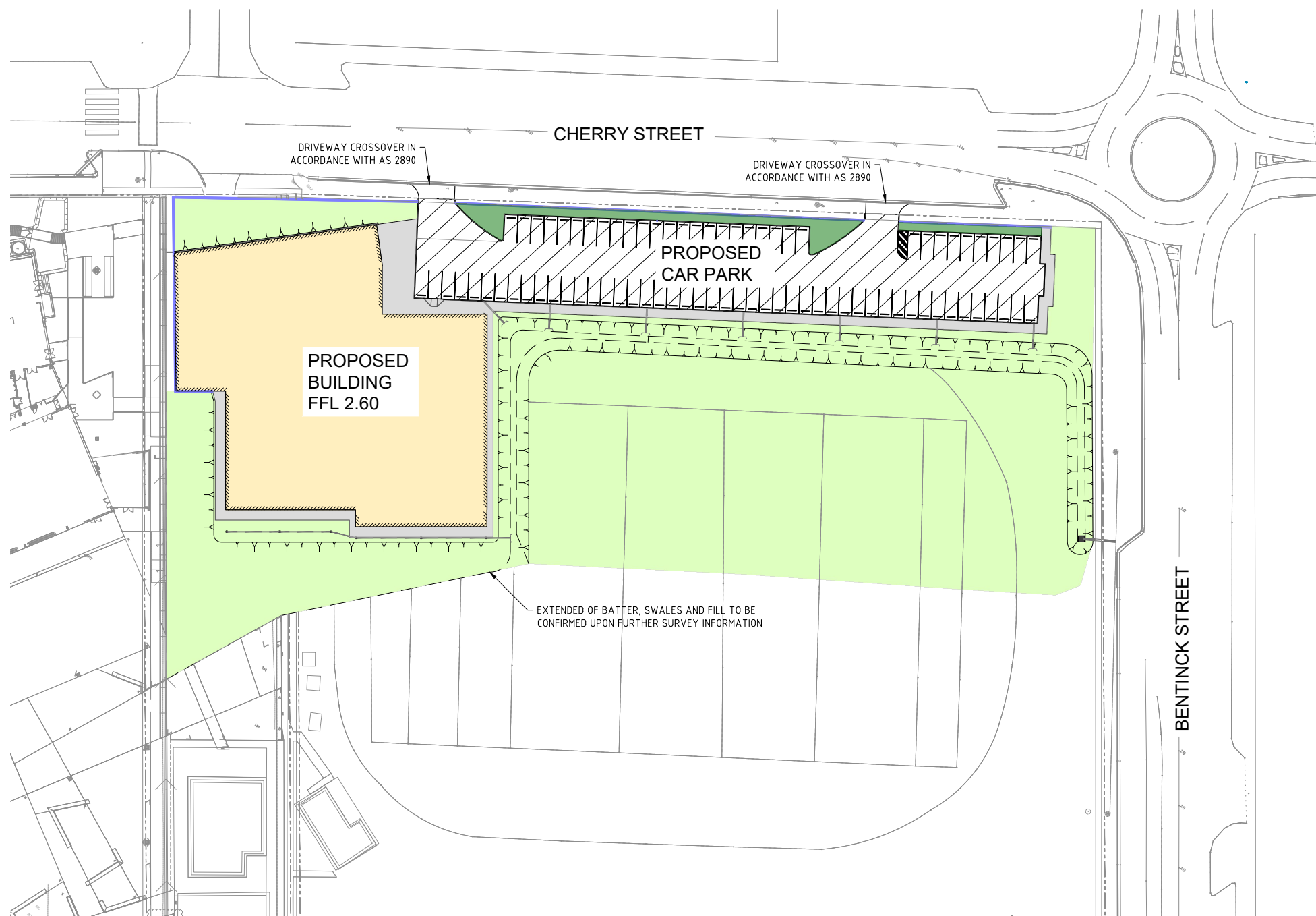


LOCALITY MAP
NTS



Cairns Office Suite 7, Glencorp House 78 Mulgrave Road Cairns, 4870 Phone 07 4031 8777 Facsimile 07 4031 8799	Townsville Office Level 1 Master Builders House 316 Sturt Street, Townsville, 4810 Phone 07 4724 2626 Facsimile 07 4724 2417	Brisbane Office Level 1, 99 Bridge Street Fortitude Valley, 4006 PO Box 899 Phone 07 3257 3883 Facsimile 07 3257 0407	Mackay Office 104B Sydney Street Mackay, 4740 Phone 07 4944 1577 Facsimile 07 4944 1588
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Design KEM	Checked KEM	Drawing No. STP17-0890 C100	Rev A
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GENERAL

1. THE CONTRACTOR IS TO OBTAIN THE LOCATION OF ALL UNDERGROUND SERVICES AND UTILITIES AND PROVIDE ADEQUATE PROTECTION PRIOR TO WORKING IN THEIR VICINITY. ANY DAMAGES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, TO THE REQUIREMENTS OF THE RELEVANT SERVICE AUTHORITY.
2. NEW WORKS SHALL BE JOINED NEATLY TO EXISTING WORKS. WHERE A JOINING METHOD IS NOT SPECIFIED ON THE DRAWINGS, THE CONTRACTOR SHALL MAKE ENQUIRIES WITH THE CONSULTANT ENGINEER BEFORE PROCEEDING.
3. ALL WORKS SHALL COMPLY WITH THE WORKPLACE HEALTH & SAFETY ACT & REGULATIONS.
4. ALL WORKS SHALL COMPLY WITH THE REQUIREMENTS, SPECIFICATIONS AND STANDARD DRAWINGS OF THE RELEVANT AUTHORITIES AND BE CONSTRUCTED ACCORDINGLY.
5. TEMPORARY WARNING SIGNS AND DEVICES SHALL BE ERECTED AND MAINTAINED AS REQUIRED, IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES ISSUED BY THE QUEENSLAND DEPARTMENT OF TRANSPORT AND MAIN ROADS.
6. ALL EXISTING SERVICES, STRUCTURES, FEATURES AND LEVELS SHOWN ON THE DRAWINGS HAVE BEEN OBTAINED BY THIRD PARTY SURVEY OR LOCAL AUTHORITY RECORDS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE SUPERINTENDENT PRIOR TO THE COMMENCEMENT OF WORKS.
7. THE CONTRACTOR IS TO BE RESPONSIBLE FOR CONTACT WITH THE RELEVANT AUTHORITY FOR LOCATION OR MODIFICATION OF ANY EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF THE WORKS.
8. ALL FINISHED SURFACE LEVELS ARE TO BE GRADED UNIFORMLY BETWEEN SPOT LEVELS AS SHOWN ON THE DRAWINGS.

LEGEND

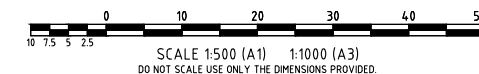
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	EXISTING FENCE
	PROPOSED CHANGE OF GRADE
	PROPOSED TOP OF BATTER
	PROPOSED EDGE OF STRUCTURE, REFER ARCHITECTS DWG'S
	PROPOSED STORMWATER DRAINAGE LINE
	PROPOSED RETAINING WALL

HATCHING LEGEND

	CONCRETE FOOTPATH IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT STD DWG R-07
	EXTENDED OF FLEXIBLE PAVEMENT
	PROPOSED LANDSCAPE REFER LANDSCAPE ARCHITECT'S DRAWINGS
	PROPOSED TURF REFER LANDSCAPE ARCHITECT'S DRAWINGS

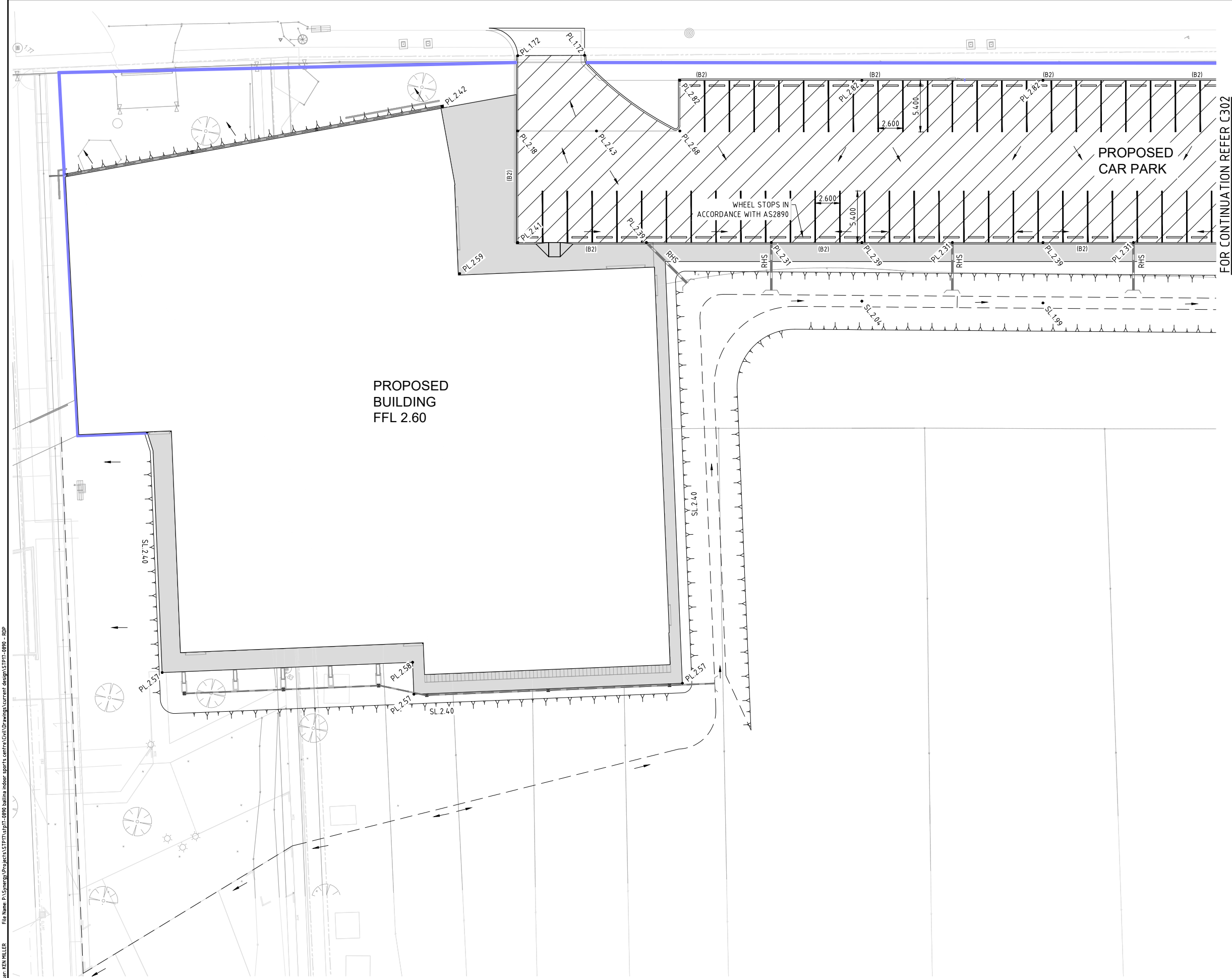
LEVEL DATUM

PM NO. PM No. 37145
LEVEL DATUM RL. RL 1.559 AHD DERIVED



A	FOR COORDINATION	MAF	KEM	09.03.18
Rev	Description	By	Appd	Date
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IN ASSOCIATION WITH	Client	PDT ARCHITECTS		Offices In:	Design	KEM	NOT FOR CONSTRUCTION			
	Project	BALLINA SPORTS CENTRE		Townsville Ph: 07 47 242 626	Drawn	MAF	Job Number STP17-0890	Drawing Number C101	Certified	Rev A
	Title	GENERAL ARRANGEMENT LAYOUT PLAN		Brisbane Ph: 07 32 552 122	Date	SEPT 2014				
				Cairns Ph: 07 40 318 777	Checked	KEM				
				Mackay Ph: 07 49 441 577	Certified	TJS				
				www.stpconsultants.com.au	RPEQ No.	03321				



FLEXIBLE PAVEMENTS

1. ALL EXTERNAL WORK SHALL BE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT AUTHORITY. ALL NECESSARY TESTING SHALL BE CARRIED OUT AT THE CONTRACTOR'S EXPENSE WITH COPIES OF TEST CERTIFICATES SUPPLIED TO THE SUPERINTENDENT.
2. PROVISIONAL PAVEMENT DESIGN IS BASED ON A MINIMUM SUB-GRADE CBR OF 5 UNDER SERVICE CONDITIONS. THE STATED PAVEMENT DESIGN IS SUBJECT TO REVISION ON THE BASIS OF CONFIRMATORY SOAKED CBR TESTS AT THE TIME OF BOXING.
3. BASE AND SUB-BASE MATERIAL SHALL NOT BE INSTALLED UNTIL A SATISFACTORY PROOF ROLL HAS BEEN CONDUCTED ON THE SUB-GRADE.
4. SEALING SHALL NOT TAKE PLACE UNTIL A SATISFACTORY PROOF ROLL AND INSPECTION HAS BEEN CARRIED OUT ON THE FINISHED SURFACE.

LEGEND

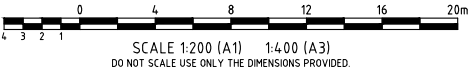
- EXISTING EDGE OF BITUMEN
- EXISTING FENCE
- PROPOSED CHANGE OF GRADE
- PROPOSED TOP OF BATTER
- PROPOSED EDGE OF STRUCTURE, REFER ARCHITECTS DWG'S
- PROPOSED STORMWATER DRAINAGE LINE
- PROPOSED GRATED INLET PIT
- PROPOSED RETAINING WALL
- PROPOSED BARRIER KERB IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT STD DWG R-03
- DIRECTION OF FLOW

HATCHING LEGEND

- CONCRETE FOOTPATH IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT STD DWG R-07
- EXTENDED OF FLEXIBLE PAVEMENT

LEVEL DATUM

PM No. 37145
LEVEL DATUM RL 1.559 AHD DERIVED



File Name: P:\Synergy\Projects\STP17\STP17-0890 Ballina Indoor Sports Centre\Civil Drawings\Current design\STP17-0890 - RDP
User: KEN VELLER
Plot Date: 8/23/2018 4:37:16 PM

IN ASSOCIATION WITH				
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Client	PDT ARCHITECTS
Project	BALLINA SPORTS CENTRE
Title	ROADWORKS & DRAINAGE LAYOUT PLAN (SHEET 1 OF 2)

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CONSULTANTS

Offices In:
Townsville Ph: 07 47 242 626
Brisbane Ph: 07 32 552 122
Cairns Ph: 07 40 318 777
Mackay Ph: 07 49 441 577
www.stpconsultants.com.au

Design	KEM
Drawn	MAF
Date	SEPT 2014
Checked	KEM
Certified	TJS
RPEQ No.	03321

NOT FOR CONSTRUCTION			
Job Number		Drawing Number	
STP17-0890		C301	
Certified			Rev
			A

The site plan illustrates a proposed car park layout. It features two rows of parking spaces, each with a width of 2.600m and a length of 5.400m. The spaces are separated by wheel stops, with a note indicating 'WHEEL STOPS IN ACCORDANCE WITH AS2890'. The car park is bounded by a dashed line on the left and a solid line on the right. The area is divided into sections by a central horizontal line. Various level annotations are present, including (B2), PL.2.82, PL.2.39, and SL.2.04. A 'PROPOSED CAR PARK' label is centered in the upper half of the plan. The plan also shows a road on the right with a dashed line and a solid line, and a road on the left with a dashed line and a solid line. The plan includes a north arrow and a scale bar.

0 4 8 12 16 20m

4 3 2 1

SCALE 1:200 (A1) 1:400 (A3)

DO NOT SCALE USE ONLY THE DIMENSIONS PROVIDED.

A	FOR COORDINATION	MAF	KEM	09.02.18	
Rev	Description	By	Appd	Date	
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IN ASSOCIATION WITH	Client	PDT ARCHITECTS
	Project	BALLINA SPORTS CENTRE
	Title	ROADWORKS & DRAINAGE LAYOUT PLAN (SHEET 2 OF 2)

 CONSULTANTS	Offices in: Townsville Ph: 07 47 242 626 Brisbane Ph: 07 32 552 122 Cairns Ph: 07 40 318 777 Mackay Ph: 07 49 441 577 www.stpconsultants.com.au	Design	KEM	NOT FOR CONSTRUCTION		
		Drawn	MAF	Job Number STP17-0890		Drawing Number C302
		Date	SEPT 2014	Certified		
		Checked	KEM			
		Certified	TJS			
		RPEQ No.	03321			

File Name: P:\Synergy\Projects\STP17\STP17-0890 Ballina indoor sports centre\DWG\Drawings\Current design\STP17-0890 - SWD
User: KEN VELLER
Plot Date: 9/23/2018 1:42:47 PM



STORMWATER DRAINAGE

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HYDRAULICS DRAWINGS.
- ROOF WATER DRAINAGE IS TO BE CONNECTED TO PITS OR PIPES AS SHOWN ON DRAWINGS IN ACCORDANCE WITH THE HYDRAULICS REQUIREMENTS.
- ALL STORMWATER PIPES AND PITS ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND RELEVANT AUSTRALIAN AND LOCAL AUTHORITY STANDARDS.
- STORMWATER PITS ARE TO BE CONSTRUCTED IN SITU IN ACCORDANCE WITH DRAWINGS OR VARIED AS NOTED ON THE DRAWINGS. PREFABRICATED STORMWATER PITS MAY BE USED SUBJECT TO WRITTEN APPROVAL FROM THE SUPERINTENDENT. CLASS D HEAVY DUTY GALVANIZED STEEL GRATES ARE TO BE FITTED IN TRAFFIC AREAS, CLASS B LIGHT DUTY GALVANIZED STEEL GRATES ARE TO BE FITTED IN LANDSCAPED OR PEDESTRIAN AREAS UNLESS NOTED OTHERWISE. ALL GRATES TO COMPLY WITH AS3996 FOR BICYCLE & WHEELCHAIRS AND TO BE NON SLIP.

LEGEND

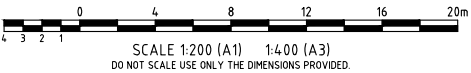
- EXISTING EDGE OF BITUMEN
- EXISTING FENCE
- PROPOSED CHANGE OF GRADE
- PROPOSED TOP OF BATTER
- PROPOSED EDGE OF STRUCTURE, REFER ARCHITECTS DWG'S
- PROPOSED STORMWATER DRAINAGE LINE
- PROPOSED RETAINING WALL
- 100% SLOTTED SUB-SOIL DRAIN WITH CLEAN OUT POINTS
- PROPOSED GRATED INLET PIT

HATCHING LEGEND

- FILTER MEDIA AREA
- 20mm GRAVEL BACKFILL AREA

LEVEL DATUM

PM No. 37145
LEVEL DATUM RL 1.559 AHD DERIVED



Rev		Description	By	Appd	Date
A	FOR COORDINATION		MAF	KEM	09.03.18

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IN ASSOCIATION WITH	

Client	PDT ARCHITECTS
Project	BALLINA SPORTS CENTRE
Title	STORMWATER MANAGEMENT LAYOUT PLAN

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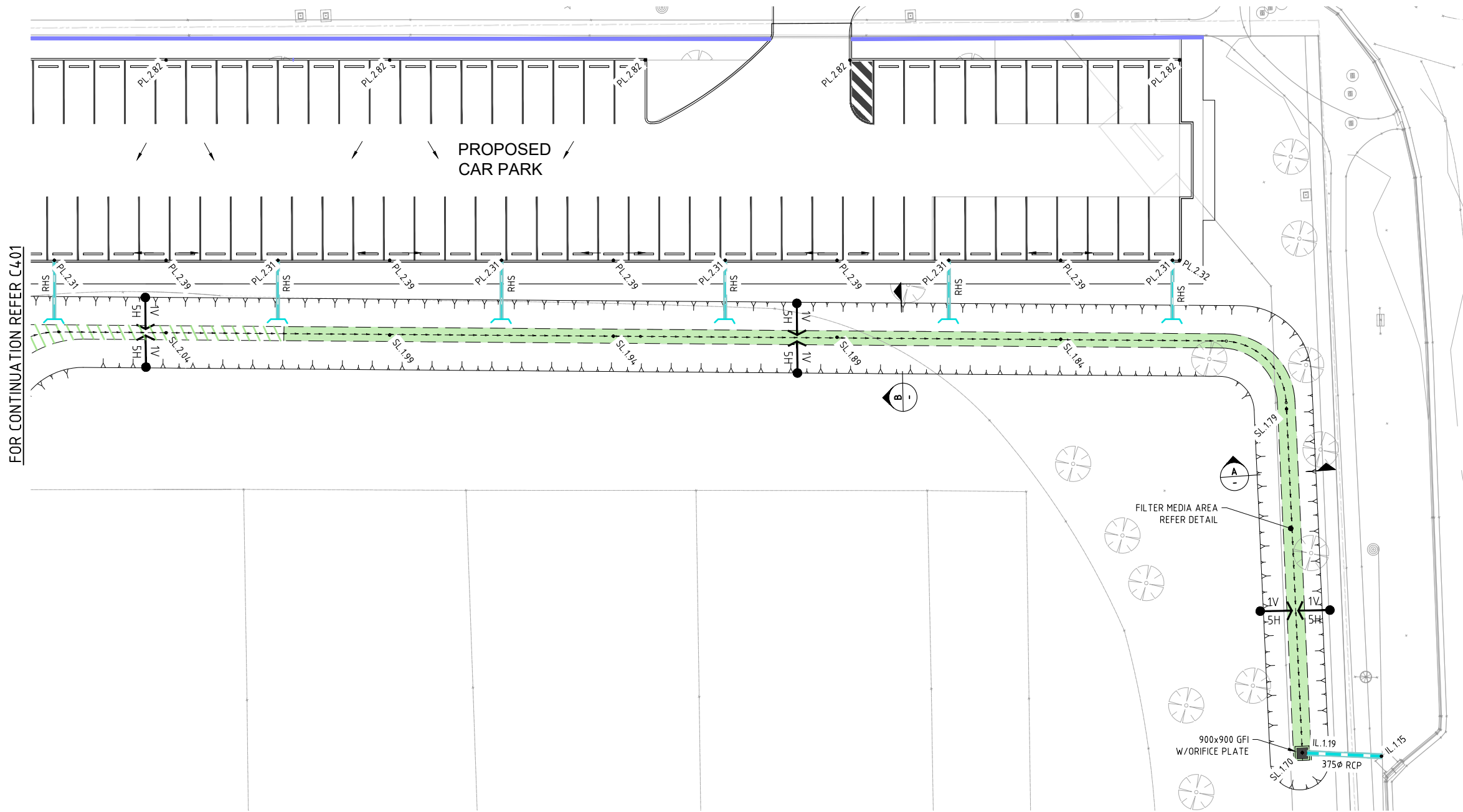
CONSULTANTS

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Design	KEM
Drawn	MAF
Date	SEPT 2014
Checked	KEM
Certified	TJS
RPEQ No.	03321

NOT FOR CONSTRUCTION		
Job Number	STP17-0890	Drawing Number
		C401
Certified		Rev
		A

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User: KEN VELLER
Plot Date: 9/23/2018 1:42:47 PM



STORMWATER DRAINAGE

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HYDRAULICS DRAWINGS.
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LEGEND

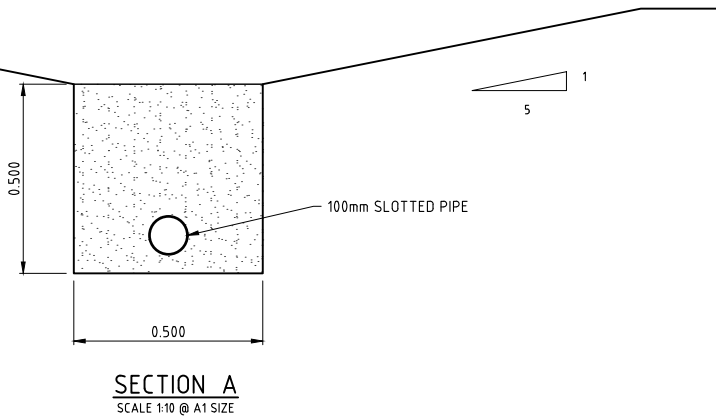
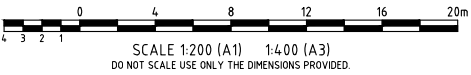
- EXISTING EDGE OF BITUMEN
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- PROPOSED GRATED INLET PIT

HATCHING LEGEND

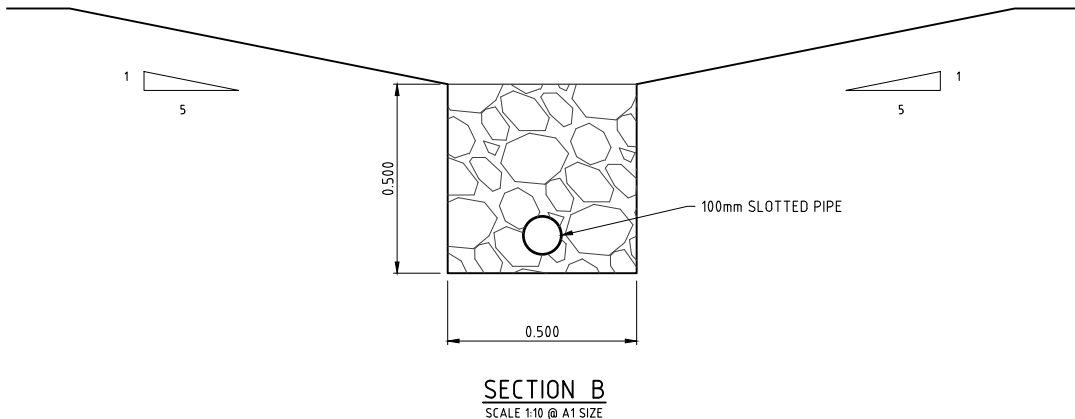
- FILTER MEDIA AREA
- 20mm GRAVEL BACKFILL AREA

LEVEL DATUM

PM No. 37145
LEVEL DATUM RL 1.559 AHD DERIVED



SECTION A
SCALE 1:10 @ A1 SIZE



SECTION B
SCALE 1:10 @ A1 SIZE

IN ASSOCIATION WITH

Client

PDT ARCHITECTS

Project

BALLINA SPORTS CENTRE

Title

STORMWATER MANAGEMENT LAYOUT PLAN



Offices In:

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Brisbane Ph: 07 32 552 122
Cairns Ph: 07 40 318 777
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Design

KEM

Drawn

MAF

Date

SEPT 2014

Checked

KEM

Certified

TJS

RPEQ No.

03321

NOT FOR CONSTRUCTION

Job Number

STP17-0890

Drawing Number

C402

Certified

Rev

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