Agenda

Local Transport Forum Meeting
11 February 2026

A Local Transport Forum Meeting will be held in the Ballina Shire Committee Room, 40 Cherry Street, Ballina on **11 February 2026 commencing at 10.00 am.**

1. Attendance & Apologies
2. Minutes of Previous Meeting
3. Summary Report – Recent Decisions of Council in Response to LTC Recommendations
4. Items to be Referred to Council
5. Items to be Referred to the General Manager's Delegate
6. Items for Traffic Engineering Advice
7. Information of the Committee
8. Regulatory Matters on Classified Roads (GM's Delegate)
9. Items Without Notice
10. Next Meeting

John Truman
Director
Civil Services Division

Table of Contents

1. Attendance & Apologies
2. Minutes of Previous Meeting

1. Attendance & Apologies

2. Minutes of Previous Meeting

A copy of the Minutes of the Local Transport Forum Meeting held on Wednesday 12 November 2025 were distributed with the business paper.

RECOMMENDATION

That the Forum confirms the Minutes of the Local Transport Forum Meeting held on Wednesday 12 November 2025.

3. Proposals Authorised by the Delegate

Nil Items

4. Mandatory Referral of Proposals to the Forum

Nil Items

5. Optional Referral of Proposals to the Forum

Nil Items

6. Information Items for the Forum

6.1 Lennox Head Shared Zone - Speed Statistics and Transport for NSW Design Review

Introduction

Community concern regarding non-compliance with the 10km/h shared zone in Ballina Street, Lennox Head was ongoing through 2025. At the last Local Traffic Committee meeting in August 2025, it was recommended that Transport for NSW review the current design and provide advice on possible safety improvements.

Information

In December 2025, speed statistics were collected at the shared zone. Results (attached) show an 85th percentile speed of 20km/h indicating general non-compliance.

Results were forwarded to Transport for NSW, along with a request to review the current design and provision of advice on safety improvements.

Greg Aitken (Technical Place & Movement Partner, Transport Technical Solutions) from Transport for NSW provided the following advice:

It has always been my concern with these 10 km/h shared zones that the longer the length the less likely that compliance to the 10 speed limit is achieved. Given that this zone in Lennox Head is approx. 35 m in length it is easy for a driver to increase their speed above the posted 10 km/h speed limit. There is no minimum length for a shared zone, and it should cover the full extent of the pedestrian desire line, and this zone achieves this point.

It is not possible to shorten the length of this zone. Council could install pedestrian fencing on the kerbs to coral peds to one shorter crossing point. However this would most likely impact on the visual amenity of the area and hence I can understand Councils reluctance to undertake this suggestion. It would also take away the rationale for the implementation of this zone.

I can only suggest that trying to reduce vehicle speeds just before the raised platform by installing speed cushions be considered. Given the amount of visual distraction this commercial/beachside environment provides council could also investigate ways to make the enforceable speed and warning signs at the start of the zone more visible. One option would be to place these signs with a high visible boarder, say orange, or red. Just to make them stand out more.

Comments on design advice:

- Pedestrian fencing: Council concurs with the view that pedestrian fencing to corral pedestrians to a shorter crossing point would negate the intent and implementation of the shared zone.

- Installation of speed cushions: The shared zone is already installed with a raised flattop threshold. Installation of additional vertical displacement treatments are likely to be unwelcome by local residents and/or holiday accommodation in Ballina Street as noise from vehicle passing over them can be annoying, particularly at night. It is also likely that vehicles with wide axels or wheelbases (such as buses and large 4WD vehicles) will be able to drive over the speed cushions unimpeded.

- Improved visibility of shared zone warning signage: Availability of signage with higher visibility would need to be investigated and may impact visual amenity of the street. As with all signage, it is also likely that, over time, familiarity will lead to 'sign blindness' with negligible impact on compliance.

Council has contacted local police regarding whether speed radars would be sensitive enough to detect vehicles driving between 10km/h and 20km/h.

RECOMMENDATIONS

That the Local Transport Forum provide advice.

Attachment(s)

1. Lennox Head North Side North Bound Speed (Under separate cover)
2. Lennox Head North Side South Bound Speed (Under separate cover)
3. Lennox Head South Side North Bound Speed (Under separate cover)
4. Lennox Head South Side South Bound (Under separate cover)

7. Items Referred for Technical Advice

7.1 Prescribed Traffic Control Authorisations - Advice to Forum

Introduction

In accordance with item 4 - Keeping Records, of Schedule 1 of the Authorisation and Delegation of Prescribed Traffic Control Devices and Regulation of Traffic for Roads Act 1993 and Road Transport Act 2013 from the Secretary, Department of Transport, 1 August 2025, the following advice is provided to the Forum.

Information

The following authorisations have been made by Council's Delegate since 12 November 2025.

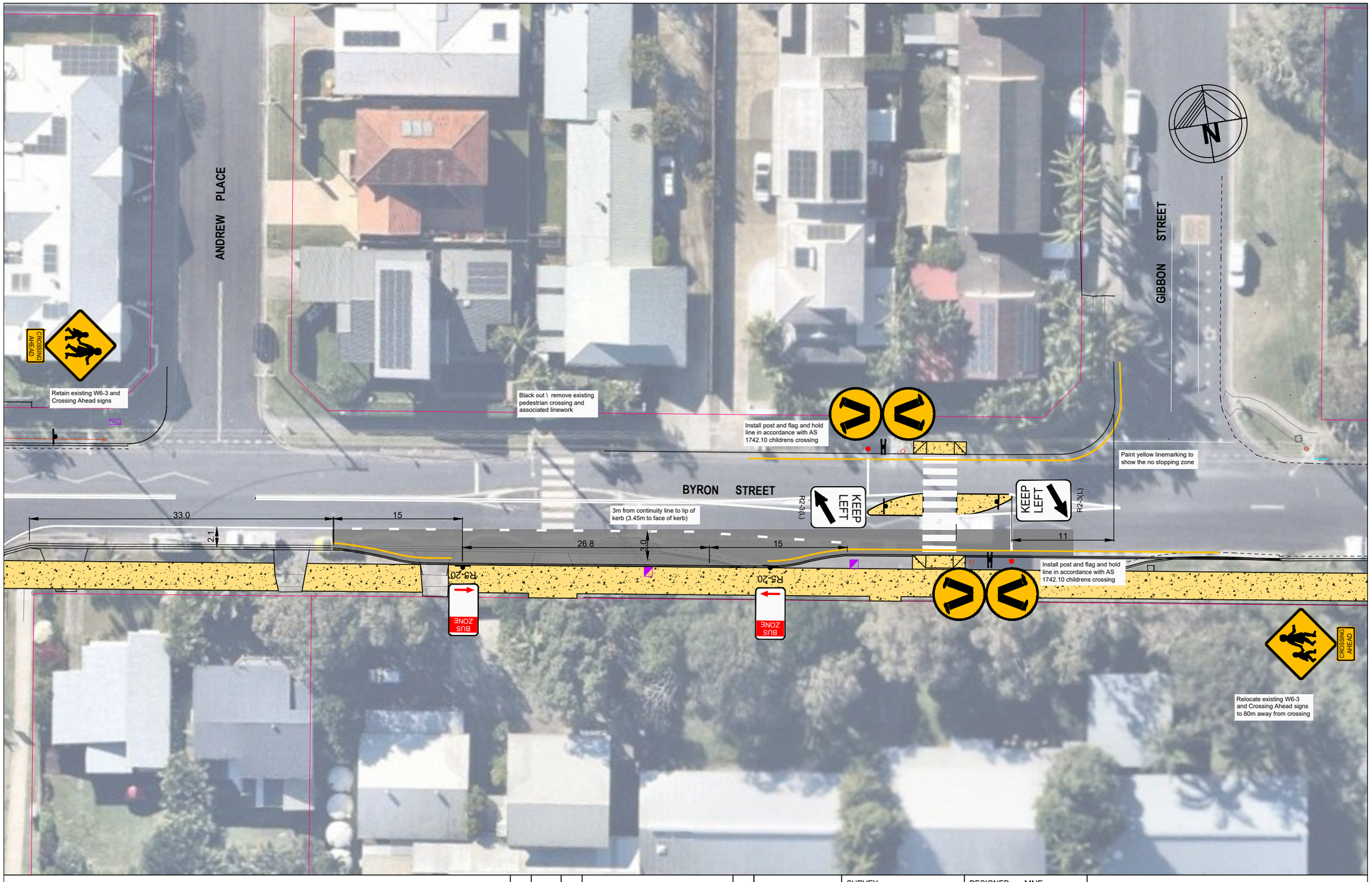
No.	Applicant	Proposal & Consultation	Determination
2025-12-02	Newton Denny Chapelle	Install regulatory signs and markings Riverbend Drive, West Ballina in accordance with Emmanuel Anglican College Extensions, DA2022/75, Consent Condition 17.	Approved 16 December 2025 by Delegate Troy Anderson. Plan of subject regulatory signs, markings and traffic facilities in Riverbend Drive, plus other no traffic related school works approved by DA2022/75 shown on plan attached to agenda.
2026-01-01	Ballina Shire Council	Regulatory signs and markings associated with new shared path and need to relocate pedestrian crossing and bus zone, adjacent school, Byron Street, Lennox Head	Approved 28 January 2026 by Delegate Troy Anderson. Plan of regulatory signs, markings and traffic facilities is attached to agenda.

RECOMMENDATIONS

That the Forum note the advice on authorisations 2025-12-02 and 2026-01-1 made by Council's Delegate.

Attachment(s)

1. 2026-01-01 Byron St Lennox Hd Attached Plan ⇩
2. 2025-12-02 Riverbend Dr West Ballina Emmanuel Anglican College Extensions ⇩



LEGEND

PROPOSED SHARED PATH
PROPOSED GUARD RAIL
PROPOSED PEDESTRIAN FENCING

No.	Date	By	Change	X'd
Amendments				

balina shire council

SURVEY		DESIGNED	MNF
DATE	10/09/2025	DRAWN	MNF
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING	Byron St - Byron Bay Rd Sahred PAth Aug_25.DWG		
SHEET 1 OF 1			

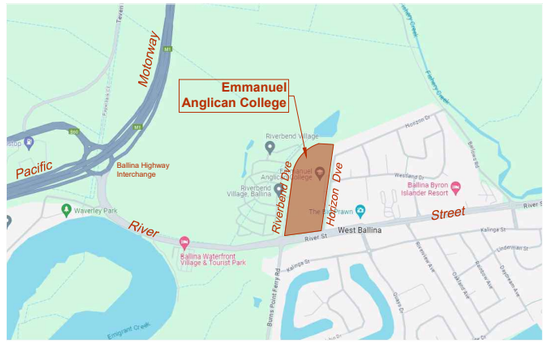
BALLINA SHIRE COUNCIL

PEDESTRIAN CROSSING RELOCATION SIGNS AND LINEMARKING BYRON STREET LENNOX HEAD

Scale HORIZONTAL: NTS
VERTICAL:

Plan No. A1

Locality Map



EMMANUEL ANGLICAN COLLEGE

NEW STEM & DIGITAL TECHNOLOGY BUILDING

RIVERBEND DRIVE WORKS

BALLINA

BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025

Drawing Schedule

Drawing	Issue	Date	Description
5001-17-C-101	A	23.07.24	Site Locality plan
5001-17-C-102	A	23.07.24	Existing & new site plans
5001-17-C-103	A	23.07.24	Detailed site Layout plan Riverbend Drive
5001-17-C-104	A	23.07.24	Detailed site Layout plan Access Road & STEM
5001-17-C-105	A	23.07.24	Bulk Earthworks cut and fill plan
5001-17-C-106	A	23.07.24	General Construction Details 1
5001-17-C-107	A	23.07.24	General Construction Details 2
5001-17-C-108	A	23.07.24	Riverbend Drive Plan & Long. Section
5001-17-C-109	A	23.07.24	Riverbend Drive Cross Sections
5001-17-C-110	A	23.07.24	Access road plan & Long. Section
5001-17-C-111	A	23.07.24	Access Road Cross Sections
5001-17-C-112	A	23.07.24	Sediment Control Plan
5001-17-C-113	A	23.07.24	Sediment Control construction details
5001-17-C-114	A	23.07.24	Stormwater drainage Plans
5001-17-C-115	A	23.07.24	Stormwater drainage Profiles
5001-17-C-116	A	23.07.24	Stormwater drainage Details
5001-17-C-117	A	23.07.24	Sewer Layout Plan

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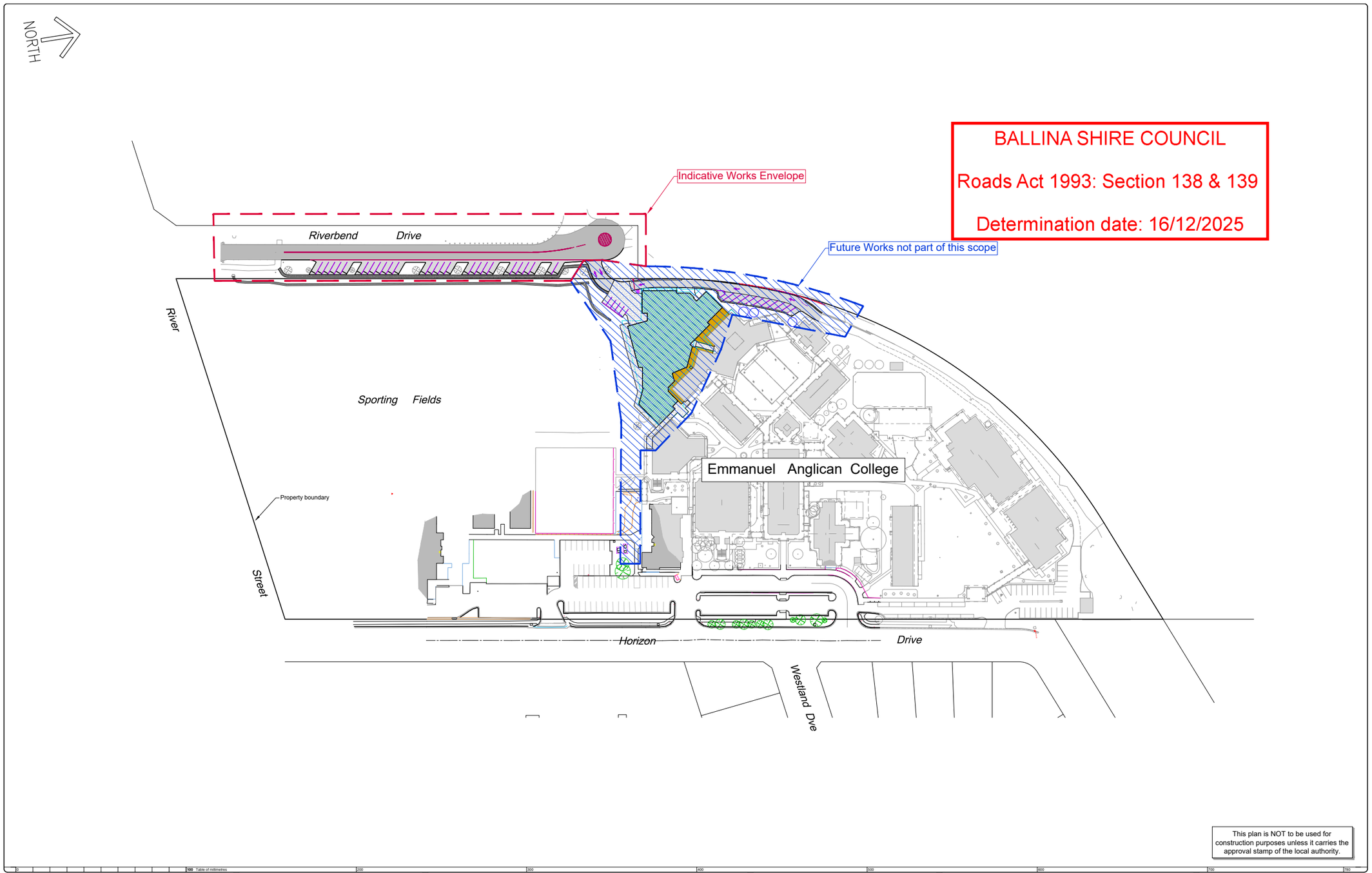

Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Site Locality plan

Do not scale drawing. Use written dimensions only
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Design	PB	Scale at A1 1:800	Date 03.04.24
Drawn	PB	Datum AHD	
Checked	RB	CSD File 5001-17-DESIGN-Dec-23	
Approved	.	Dwg File 5001-17-CC-DWGS-WEST	
Job No. 5001-17		Dwg No. C101	Issue B

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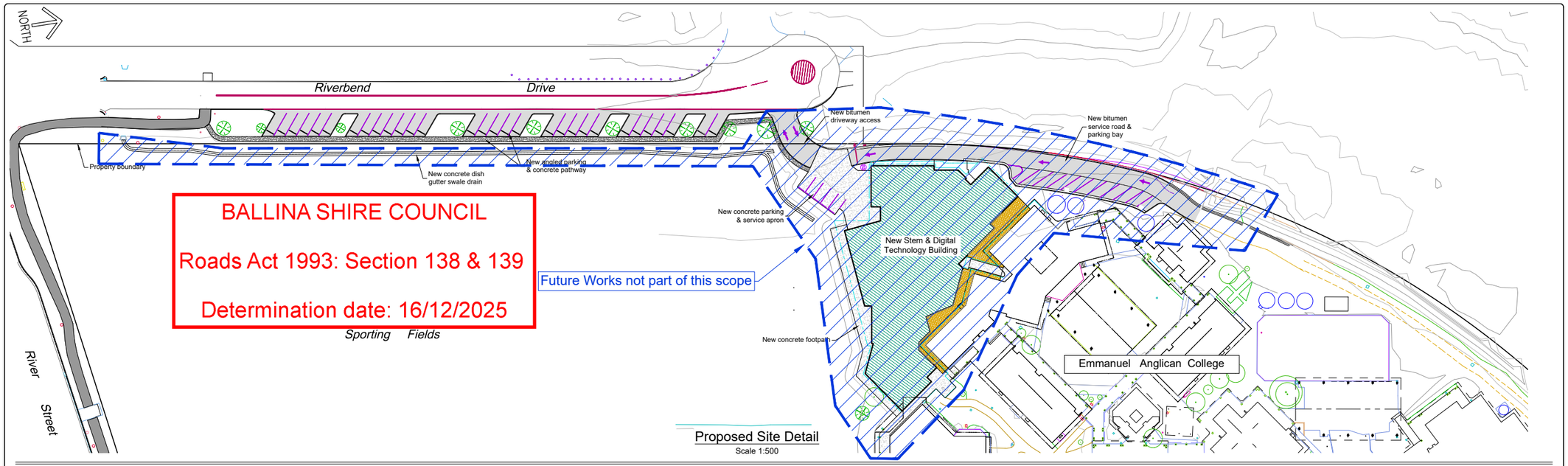
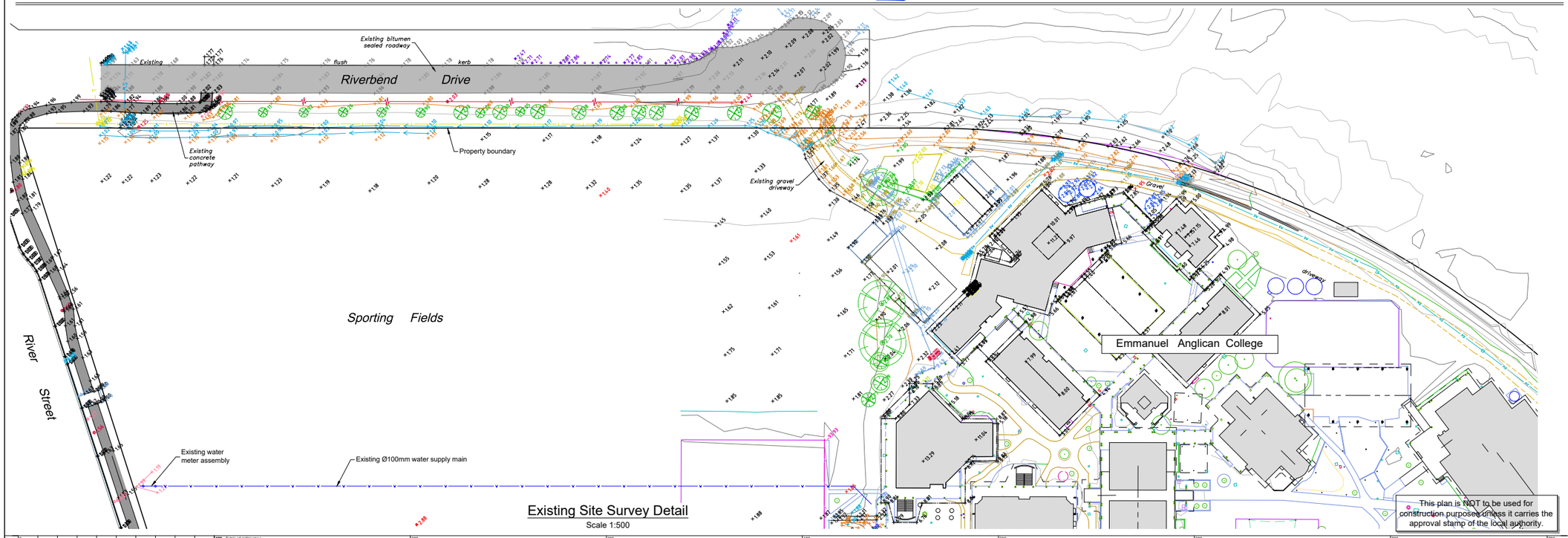


BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025



This plan is NOT to be used for construction purposes unless it carries the approval stamp of the local authority.

Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Existing & new site plans

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Design	PB	Scale at A1	1:500
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	.	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C102
		Issue	B

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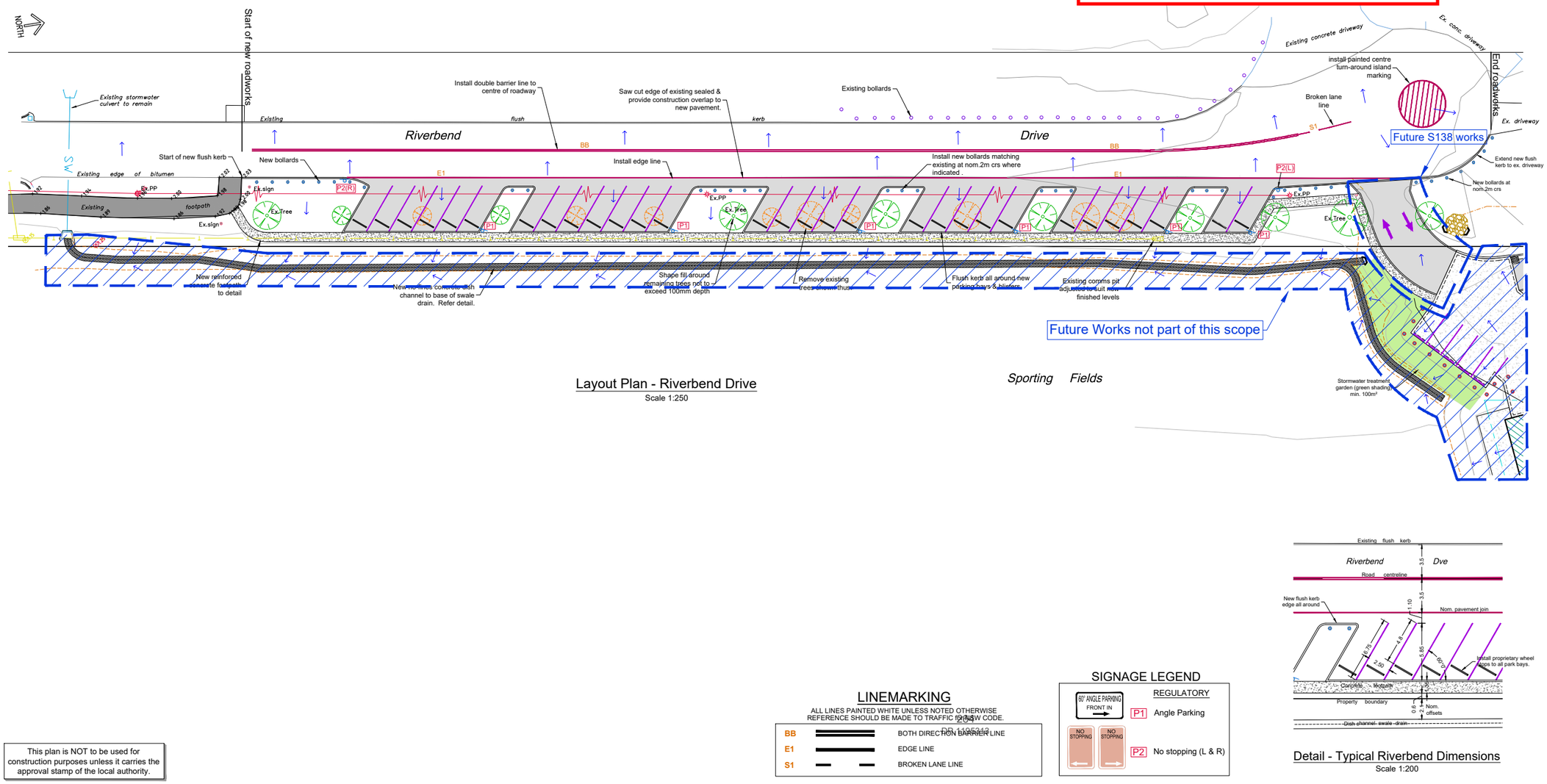
Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025



Layout Plan - Riverbend Drive
Scale 1:250

Detail - Typical Riverbend Dimensions
Scale 1:200

LINEMARKING

ALL LINES PAINTED WHITE UNLESS NOTED OTHERWISE
REFERENCE SHOULD BE MADE TO TRAFFIC FLOW CODE.

BB	BOTH DIRECTION BARRIER LINE
E1	EDGE LINE
S1	BROKEN LANE LINE

SIGNAGE LEGEND

REGULATORY

P1	Angle Parking
P2	No stopping (L & R)

60° ANGLE PARKING FRONT IN

NO STOPPING

NO STOPPING

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Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Detailed Site Layout plan
Riverbend Drive

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Checked	RB	Datum	AHD
Approved	XXX	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
Dwg No.	C103	Issue	B

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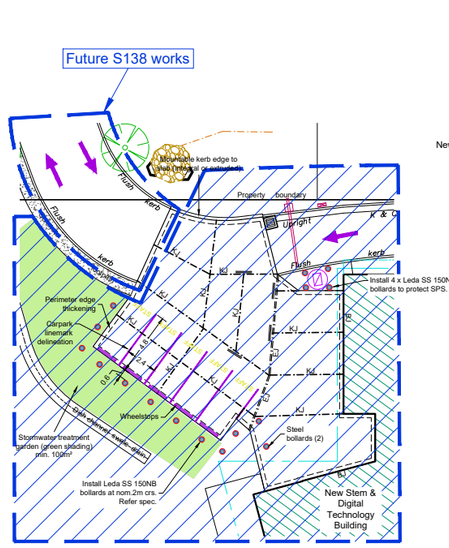
BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

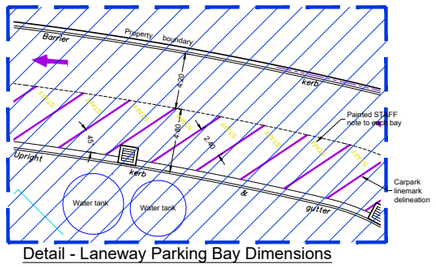
Determination date: 16/12/2025



Detail - Service Bay Dimensions & Concrete Joints

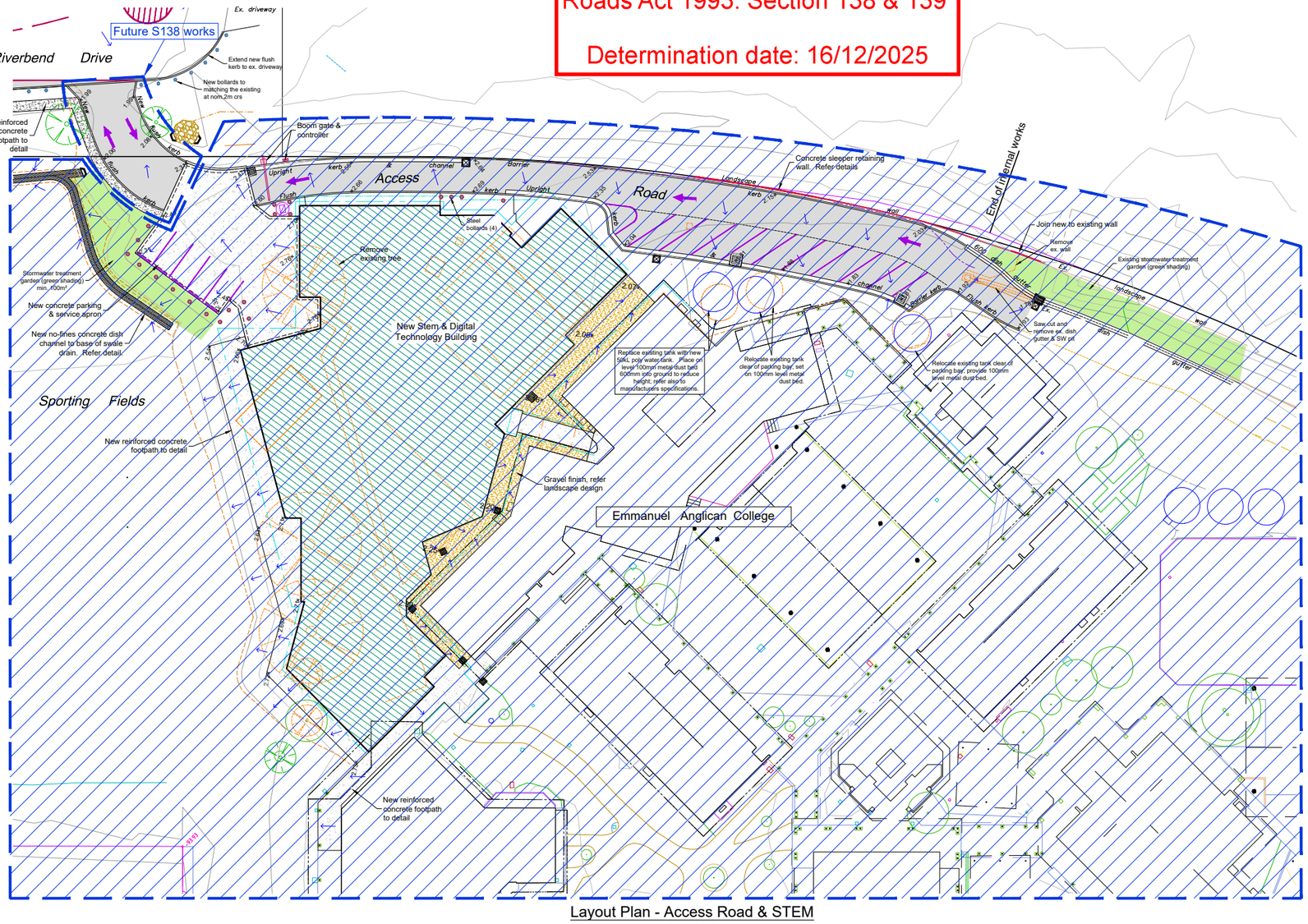
Scale 1:200

Future Works not part of this scope



Detail - Laneway Parking Bay Dimensions

Scale 1:200



Layout Plan - Access Road & STEM

Scale 1:250

Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: STEM SITE
Detailed Site Layout plan
Access Road & STEM

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Checked	RB	Datum	AHD
Approved	.	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C104
		Issue	B

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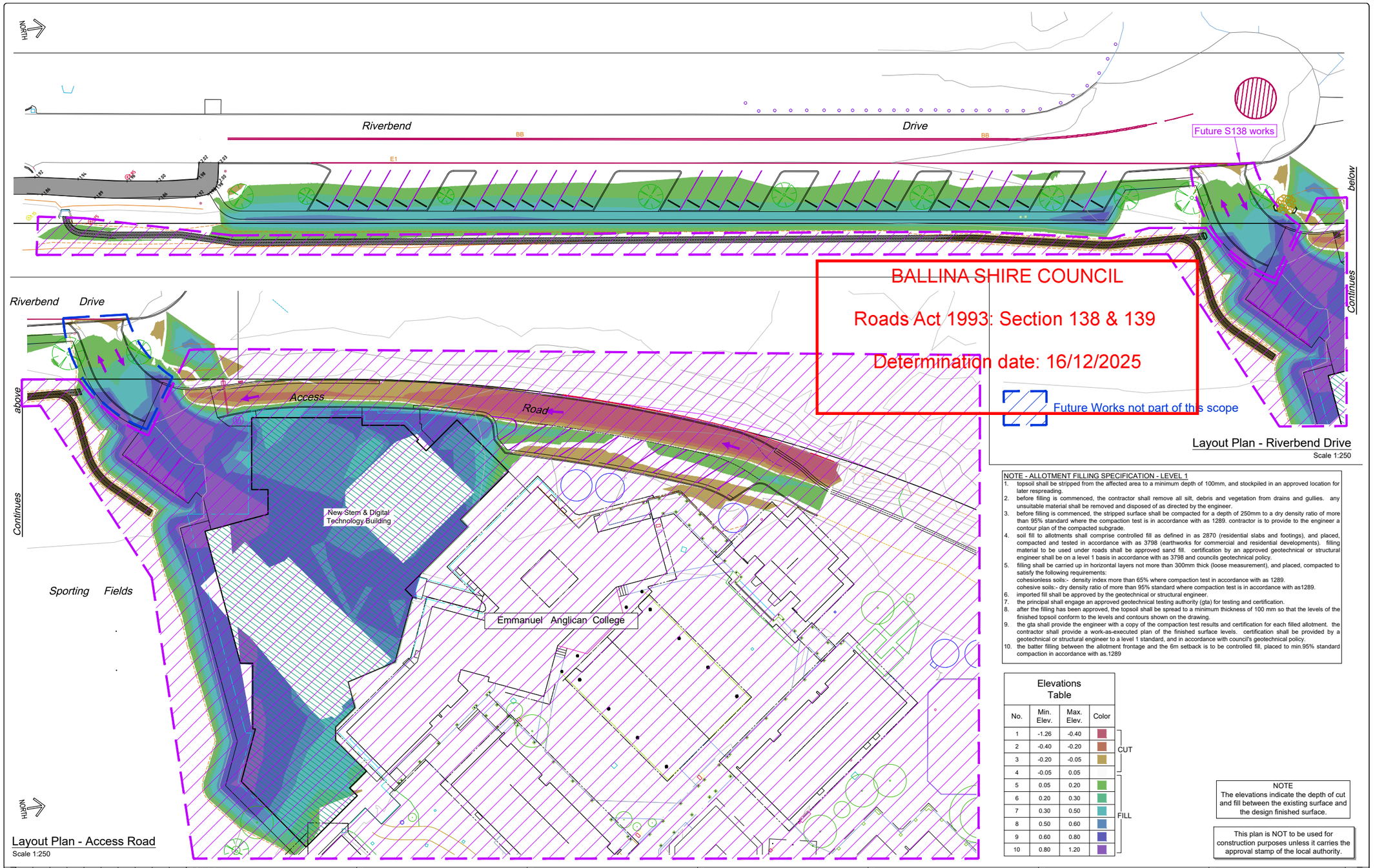

Layout Plan - Riverbend Drive
Scale 1:250

Layout Plan - Access Road
Scale 1:250

NOTE - ALLOTMENT FILLING SPECIFICATION - LEVEL 1

1. topsoil shall be stripped from the affected area to a minimum depth of 100mm, and stockpiled in an approved location for later respreading.
2. before filling is commenced, the contractor shall remove all silt, debris and vegetation from drains and gullies. any unsuitable material shall be removed and disposed of as directed by the engineer.
3. before filling is commenced, the stripped surface shall be compacted for a depth of 250mm to a dry density ratio of more than 95% standard where the compaction test is in accordance with as 1289. contractor is to provide to the engineer a contour plan of the compacted subgrade.
4. soil fill to allotments shall comprise controlled fill as defined in as 2870 (residential slabs and footings), and placed, compacted and tested in accordance with as 3798 (earthworks for commercial and residential developments). filling material to be used under roads shall be approved sand fill. certification by an approved geotechnical or structural engineer shall be on a level 1 basis in accordance with as 3798 and councils geotechnical policy.
5. filling shall be carried up in horizontal layers not more than 300mm thick (loose measurement), and placed, compacted to satisfy the following requirements:
   cohesionless soils:- density index more than 65% where compaction test in accordance with as 1289.
   cohesive soils:- dry density ratio of more than 95% standard where compaction test is in accordance with as1289.
6. imported fill shall be approved by the geotechnical or structural engineer.
7. the principal shall engage an approved geotechnical testing authority (gta) for testing and certification.
8. after the filling has been approved, the topsoil shall be spread to a minimum thickness of 100 mm so that the levels of the finished topsoil conform to the levels and contours shown on the drawing.
9. the gta shall provide the engineer with a copy of the compaction test results and certification for each filled allotment. the contractor shall provide a work-as-executed plan of the finished surface levels. certification shall be provided by a geotechnical or structural engineer to a level 1 standard, and in accordance with council's geotechnical policy.
10. the batter filling between the allotment frontage and the 6m setback is to be controlled fill, placed to min.95% standard compaction in accordance with as.1289

Elevations Table

No.	Min. Elev.	Max. Elev.	Color	
1	-1.26	-0.40		CUT
2	-0.40	-0.20		CUT
3	-0.20	-0.05		CUT
4	-0.05	0.05		
5	0.05	0.20		FILL
6	0.20	0.30		FILL
7	0.30	0.50		FILL
8	0.50	0.60		FILL
9	0.60	0.80		FILL
10	0.80	1.20		FILL

NOTE
The elevations indicate the depth of cut and fill between the existing surface and the design finished surface.

This plan is NOT to be used for construction purposes unless it carries the approval stamp of the local authority.

Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Bulk Earthworks Cut & Fill

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Design	PB	Scale at A1	as shown
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved		CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C105
		Issue	B

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BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025

General Notes

1. All setout shall be by suitably experienced personnel. All works-as-executed plans shall be certified by a Registered Surveyor or Engineer.
2. All dimensions are in millimetres unless noted otherwise.
3. All levels are in metres unless noted otherwise.
4. All levels shown are invert of kerb unless noted otherwise.
5. Council inspection hold points of road pavement required at the following construction stages:
a) Box inspection of subgrade and proof roll.
b) Inspection of sub base gravels and proof roll prior to installation of kerb.
c) Inspection of base gravels and proof roll prior to sealing.
d) Any service crossings of road pavement.
6. Inspections are organised by contacting Council's Development Engineer. Please note 24hours notice of inspection is required.
7. Typical pavements to comprise the following;
FLEXIBLE PAVEMENTS
-7mm primer seal
- 25mm AC 10 hotmix seal
-150mm min. DGB20 base course to RTA spec.3051
-150mm min. DGS40 sub-base to RTA spec.3051
(both subject to subgrade testing)
RIGID PAVEMENTS
-150mm thick 32MPa concrete with SL92 to top 50
-150mm min. DGS40 sub-base to RTA spec.3051
(subject to subgrade testing)
8. Density testing is to be carried out at max.100m spacing or in accordance with Table 8.1 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Development, whichever gives the greater frequency of testing.
Compaction is to be to the following:
- subgrade to 95% standard compaction;
- sub-base gravels to 100% standard compaction;
- base course gravels to 100% standard compaction;
9. The gravel pavement shall extend full depth under, and 150 behind all kerbs.
10. RC pipes of 900 dia or less shall be minimum class '2', rubber ring jointed, unless noted otherwise. FRC pipes are not allowed for public infrastructure trunk drainage lines.
IAD pipes may be PVC, FRC or RC (rubber ring jointed).
11. Minimum cover to stormwater pipes shall be 300mm in landscape areas, and 600mm under road pavements, unless noted otherwise.
12. Stormwater pits and drainage structures shall be to the local authority standards and conform to AS 3500 . Pits over 1.2m deep shall have galvanised step irons at 300 cts vertically and 220 cts horizontally. Grates and frames shall be cast iron class 'D' and bicycle safe in accordance with AS 3996.
13. Lintel openings nominated represent the minimum clear opening of the kerb inlet (ie 2.4m lintel = 2.4m clear opening).
14. The contractor is responsible for maintaining sufficient cover over stormwater and sewer mains during construction, and ensuring that trenches are correctly backfilled and compacted to eliminate damage caused by construction traffic.
15. Drainage easements, where not shown, shall be confirmed by survey after construction.
16. General concrete works shall have the following properties:
a) Class of concrete shall be normal.
b) Maximum slump shall be 80mm.
c) Maximum aggregate size shall be 20mm.
d) Min 28 days concrete compressive strength shall be 25 Mpa including all kerbs u.n.o
e) Concrete works shall conform to AS 3600.
17. Linemarking and signage shall confirm to AS 1742 Manual of Uniform Traffic Control Devices.
18. Electrical, telecommunication and water reticulation shall be installed to the service provider's specification.
19. It is the responsibility of the contractor to ensure that adequate erosion and sedimentation control devices are erected and maintained at all times during construction, and to the satisfaction of the local authority.
20. All traffic control during construction shall be in accordance with the RMS Guidelines - Traffic Control at Work Sites and AS 1742.3 - 2002 Manual of Uniform Traffic Control Devices: Traffic Control Devices for Works on Roads.
21. All works shall be carried out in accordance with the Local Authorities Subdivision Code and associated standard drawings.

Notes - Erosion and Sedimentation Control

1. All erosion and sedimentation controls shall be in accordance with the guidelines and specifications as detailed in the Department of Housing's ' Managing Urban Stormwater: Soils and Construction' and the EPA's 'Managing Urban Stormwater' series.
2. Construction shall be phased so that land disturbance is confined to areas of workable size. This will limit the duration disturbed areas are exposed to erosion. Stabilisation shall be applied to the first disturbed area before the next section is opened up. Any disturbed areas that will not be stabilised within 30 days shall be revegetated and any that fail to establish shall be resown.
3. Topsoil stockpiles are to be located away from any natural drainage watercourse and are to have hay bales and/or silt stop sediment control fences placed around them to act as sedimentation controls.
4. Temporary earthen diversion drains are to be constructed to divert waters away from all disturbed areas and towards haye bale check dams located in natural drainage depressions. Temporary sediment detention barriers are to be placed around outlet headwalls and drainage discharge points as detailed and permanent energy dissapators are to be installed at all outlets as shown to limit velocities and thus the potential for scouring. With all drainage outlets, all waters are to be released in a non-erodible manner. Temporary sediment traps are to be constructed at all drainage inlet points as detailed.
5. Sediment and debris are to be removed from detention barriers when they are 60% full. All the sediment removed shall be disposed of as directed by the Supervising Engineer.
6. Upon completion of shaping and drainage works, batters and drainage lines shall be topsoiled to a minimum depth of 100mm with stockpiled material and any areas with insufficient grass/topsoil mix are to be seeded and mulched with any failed areas resown or revegetated as directed by the Supervising Engineer. A 400mm wide turf strip shall be installed next to all kerb and gutter, or kerb, to stabilise the interface between kerb and footpath.
7. Temporary erosion and sedimentation controls are to be installed during the construction phase and shall be retained and maintained while disturbed areas remain or are contributing sediment to the stormwater system. No device shall be removed until directed by the Supervising Engineer.

Note -General

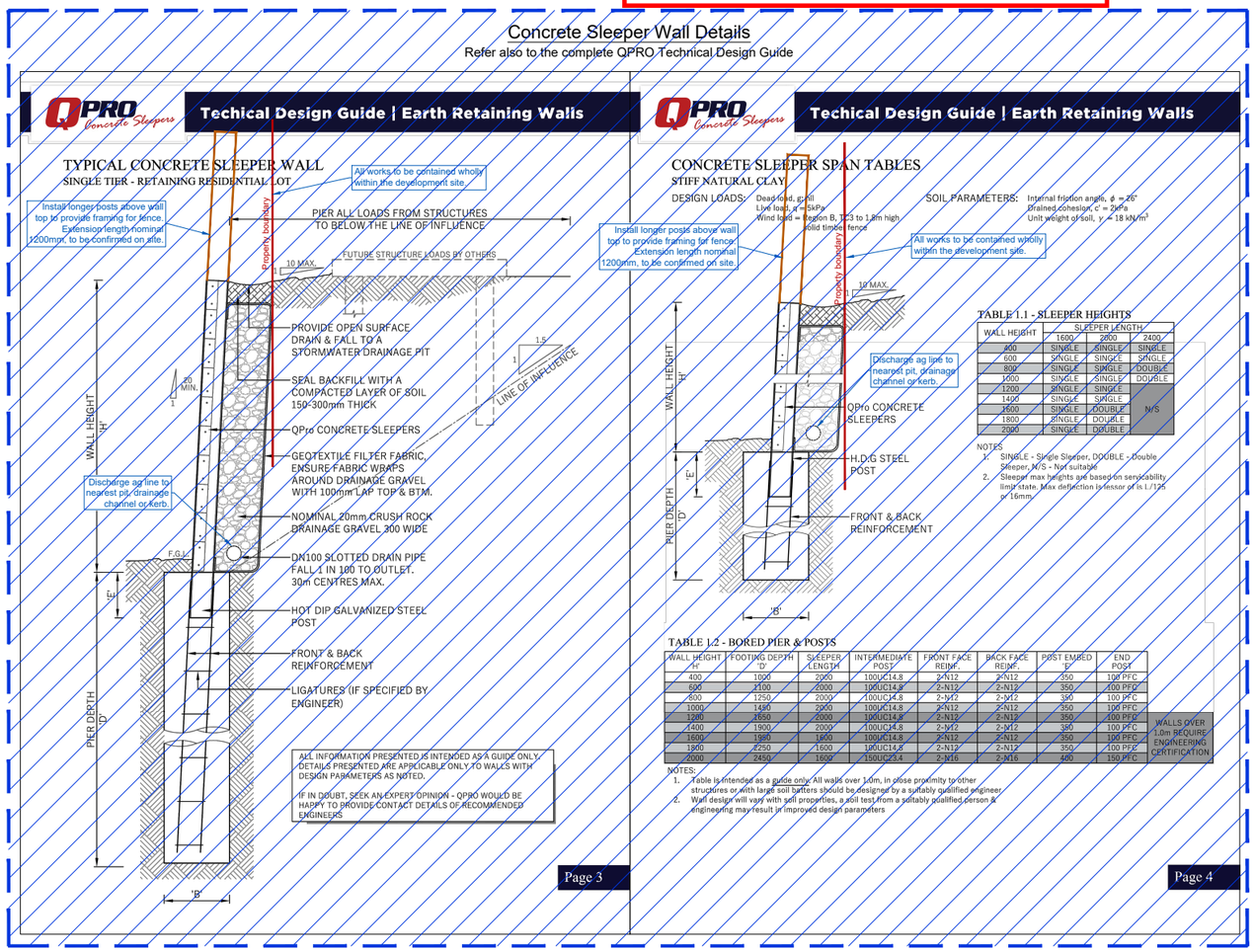
Natural surface contours are computer interpolated from surveyors electronic field data.
Notwithstanding the limits of earthworks shown on the drawings, the actual limits shall be confirmed on site by the contractor.
Prior to commencement of construction, the contractor is to ascertain the location and level of existing services to his satisfaction. Services shown on plans are taken from surveyors field notes only and may not necessarily indicate all services within the works area.
Notwithstanding the extent of the works shown on the drawings the contractor shall undertake all necessary construction required to enable finished works to comply with the intent of the drawings and the requirements of the local authorities subdivision code.
These drawings are diagrammatic only and are intended to indicate design in accordance with the relevant australian standards. They do not relieve the contractor or builder from his responsibility to comply with these requirements, even if drawings are approved by the authority.
It is the contractors responsibility to ensure that provision is made for the installation of all services prior to the construction of driveways, carparks and other paved areas.

Note - Filling Specification - Level 1

(Applies to all allotment filling)
1. Topsoil shall be stripped from the affected area to a minimum depth of 100mm, and stockpiled in an approved location for later respreading.
2. Before filling is commenced, the contractor shall remove all silt, debris and vegetation from drains and gullies. Any unsuitable material shall be removed and disposed of as directed by the Engineer.
3. Before filling is commenced, the stripped surface shall be compacted for a depth of 250mm to a dry density ratio of more than 95% standard where the compaction test is in accordance with AS 1289. Contractor is to provide to the Engineer a contour plan of the compacted subgrade.
4. Soil fill to allotments shall comprise CONTROLLED FILL as defined in AS 2870 (Residential Slabs and Footings), and placed, compacted and tested in accordance with AS 3798 (Earthworks for Commercial and Residential Developments). Filling material to be used under roads shall be approved ~~sand~~ fill. Certification by an approved Geotechnical or Structural Engineer shall be on a level 1 basis in accordance with AS 3798 and Councils Geotechnical Policy.
5. Filling shall be carried up in horizontal layers not more than 300mm thick (loose measurement), and placed, compacted to satisfy the following requirements:
COHESIONLESS SOILS:- Density index more than 65% where compaction test in accordance with AS 1289.
COHESIVE SOILS:- Dry density ratio of more than 95% standard where compaction test is in accordance with AS1289.
6. Imported fill shall be approved by the Geotechnical or Structural Engineer and Councils General Manager or delegate.
7. The principal shall engage an approved Geotechnical Testing Authority (GTA) for testing and certification.
8. After the filling has been approved, the topsoil shall be spread to a minimum thickness of 150 mm so that the levels of the finished topsoil conform to the levels and contours shown on the drawing.
9. The GTA shall provide the Engineer with a copy of the compaction test results and Certification for each filled allotment. The Contractor shall provide a Work-as-Executed plan of the finished surface levels.
Certification shall be provided by a Geotechnical or Structural Engineer to a level 1 standard, and in accordance with Council's Geotechnical Policy.

Concrete Sleeper Wall Details

Refer also to the complete QPRO Technical Design Guide



Future Works not part of this scope

This plan is NOT to be used for construction purposes unless it carries the approval stamp of the local authority.

Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: Emmanuel Anglican College

Project: STEM & DIGITAL TECHNOLOGY BUILDING
Riverbend & Horizon Drives
BALLINA

Title: RIVERBEND DRIVE SITE
General Construction Details

ARDILL PAYNE & Partners
ENGINEERS PLANNERS SURVEYORS
ENVIRONMENTAL PROJECT MANAGEMENT
BALLINA 79 Tamar Street Ph. 02 6686 3280
GUNNEDAH 285 Conadilly Street Ph. 02 6742 9955
A.B.N. 51 808 558 977 e-mail: info@ardillpayne.com.au

Design	PB	Scale at A1	na
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	.	Dwg File	5001-17-CC-Details-WEST
Job No.	5001-17	CSD File	5001-17-DESIGN
Dwg No.	C106	Issue	B

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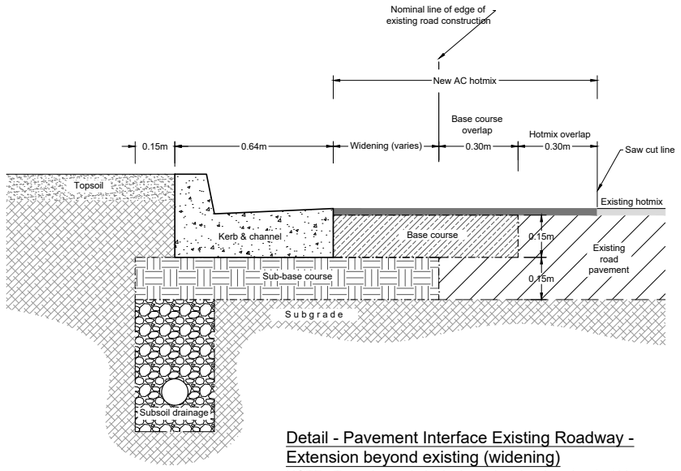
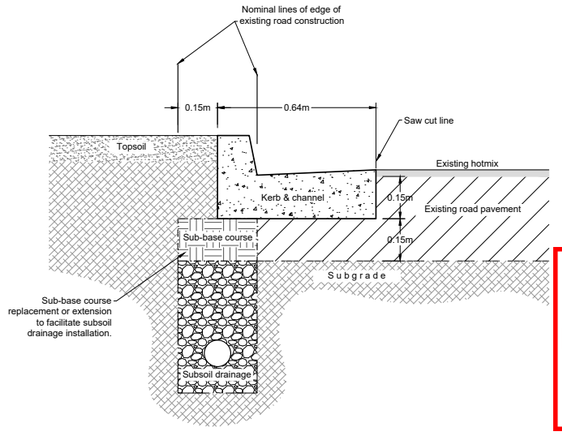


Detail - Pavement Interface Existing Roadway - Extension beyond existing (widening)

NOTE - Typical, upright kerb shown but detail applies to ALL kerb types

Scale 1:10

NOTE
Pavement design on all roads subject to testing (density and CBR)



Detail - Pavement Interface Existing Roadway - Kerb edging only

NOTE - Typical, upright kerb shown but detail applies to ALL kerb types

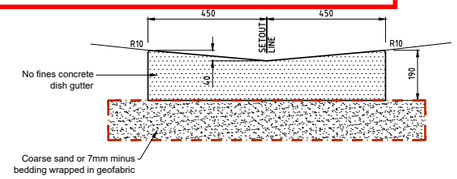
Scale 1:10

NOTE
Pavement design on all roads subject to testing (density and CBR)

BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025



SPORTING FIELD DISH GUTTER (900 WIDE)

SCALE 1:10

Butt Joint (B.J.)

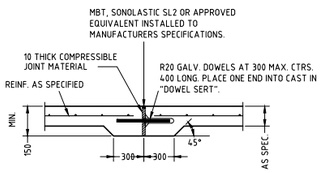
Where slab abuts existing structure

SCALE: NTS

SAW JOINT (S.J.)

SCALE 1: 10

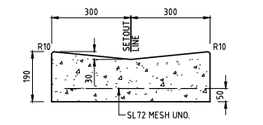
NOTES:
- AKA CONTRACTION JOINT, KEY JOINT
- A HAND TOOLED JOINT MAY BE USED IN LIEU OF A SAW JOINT



EXPANSION JOINT (E.J.)

AT MAX.30m INTERVALS

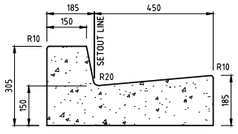
SCALE 1: 20



INVERT OR DISH GUTTER (600 WIDE)

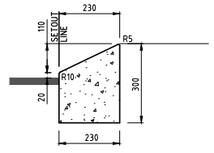
RB - 11/10/2010

SCALE 1:10



UPRIGHT KERB - B1

RB - 11/10/2010



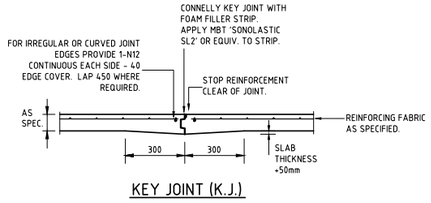
MOUNTABLE - KERB ONLY

RB - 11/10/2010

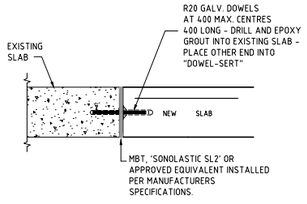
SCALE 1:10

LEGEND

BJ	Butt joint
KJ	Key joint - nominal max. 6m crs &/or major grade changes
EJ	Expansion joint - max.30m crs UNO

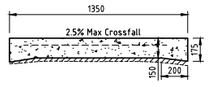


KEY JOINT (K.J.)



DOWEL JOINT - EXISTING SLAB (DJ)

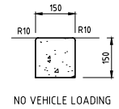
NOT TO SCALE



32MPa concrete pathway MIN. 150mm thick with SL72 50 top cover on a 50mm metal dust bedding. Broom finish with contraction joints spaced at 2m crs., key joints at 6m crs. & expansion joints at a max.12m crs. Provide edge thickening as dimensioned

Concrete Footpath

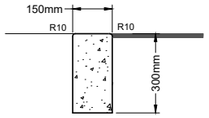
Details based on NRLG design drawing R.07



NO VEHICLE LOADING

EDGE RESTRAINT (ER1)

RB - 11/10/2010 SCALE 1:10



Edge Restraint (ER2)

Scale 1:10

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Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: Emmanuel Anglican College

Project: STEM & DIGITAL TECHNOLOGY BUILDING
Riverbend & Horizon Drives
BALLINA

Title: RIVERBEND DRIVE SITE
General Locality plan

Do not scale drawing. Use written dimensions only
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Design	PB	Scale at A1	as shown
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	-	Dwg File	5001-17-CC-Details-WEST
Job No.	5001-17	CSD File	5001-17-DESIGN
		Dwg No.	C107
		Issue	B

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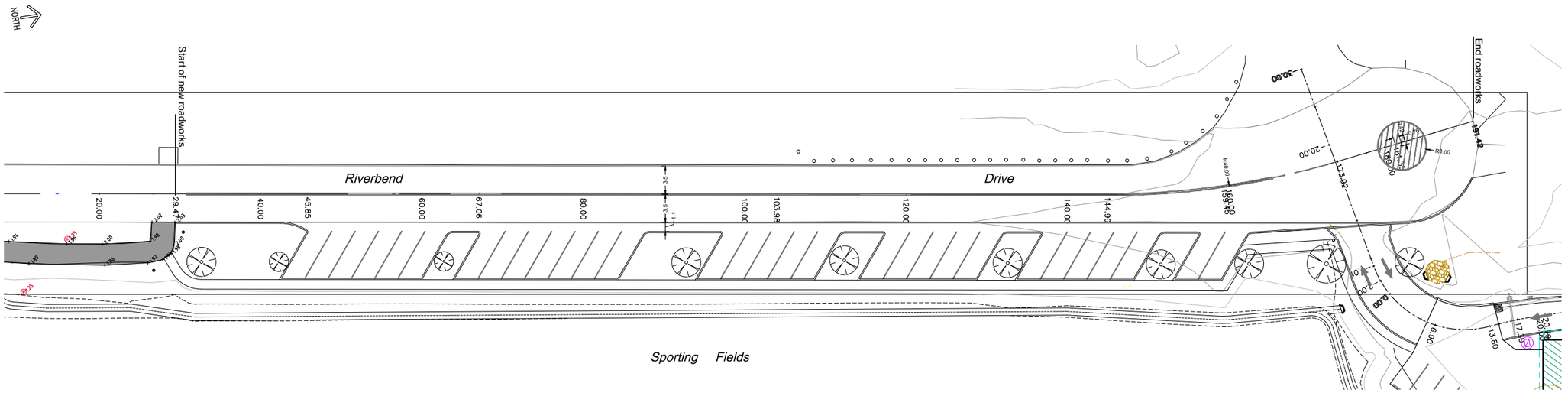
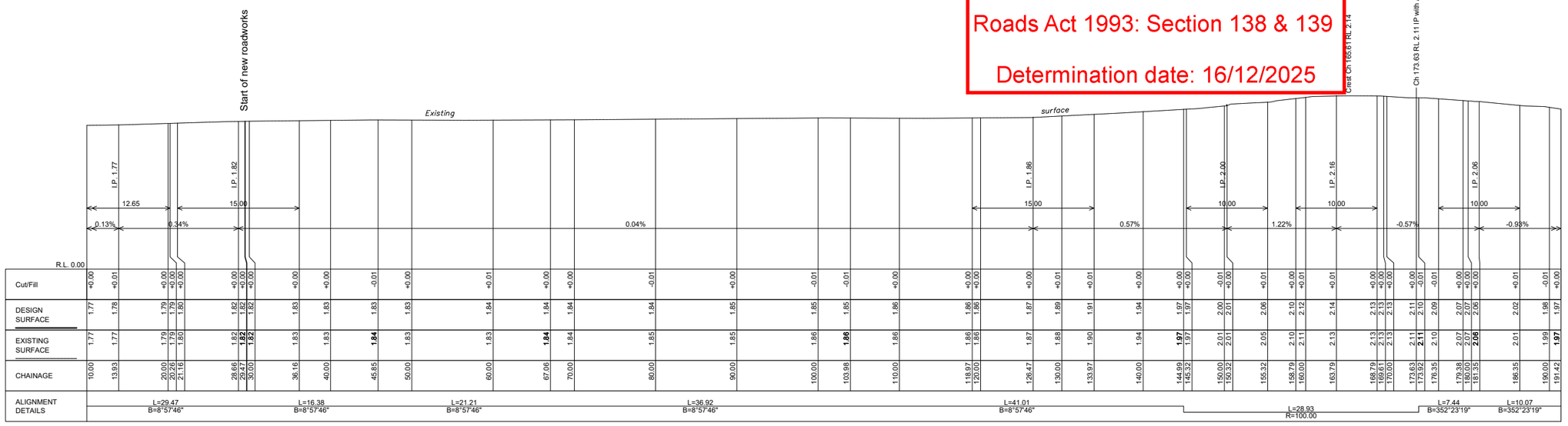


PLAN
Scale 1:250

BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025



SCALES: HORIZONTAL 1:250 VERTICAL 1:25

Longitudinal Section

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Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Riverbend Drive
Plan & Long Section

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Design	PB	Scale at A1	as shown
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	.	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C108
		Issue	B

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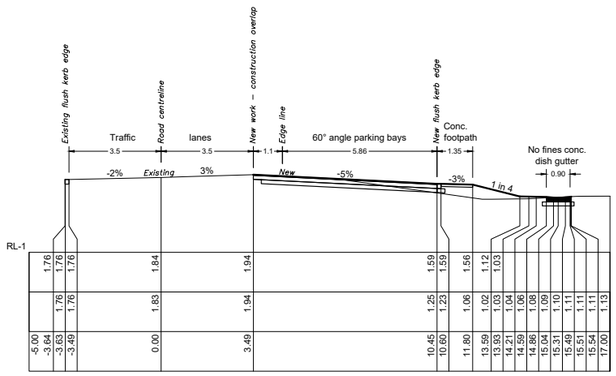
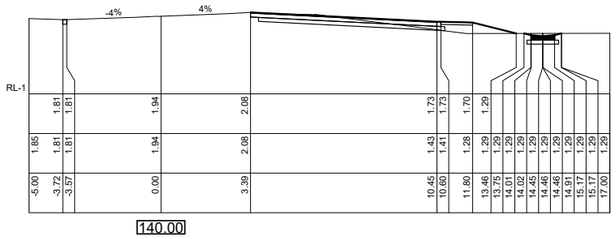




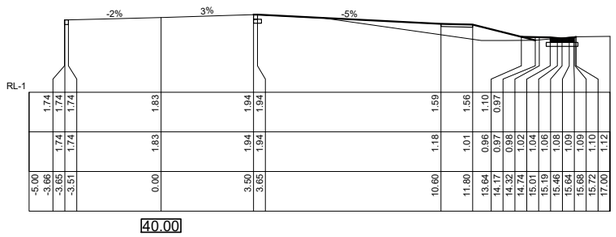
BALLINA SHIRE COUNCIL

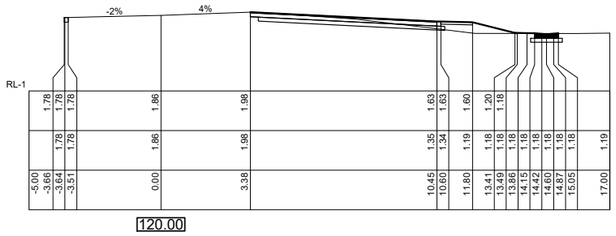
Roads Act 1993: Section 138 & 139

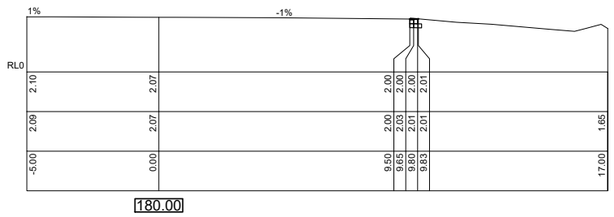
Determination date: 16/12/2025

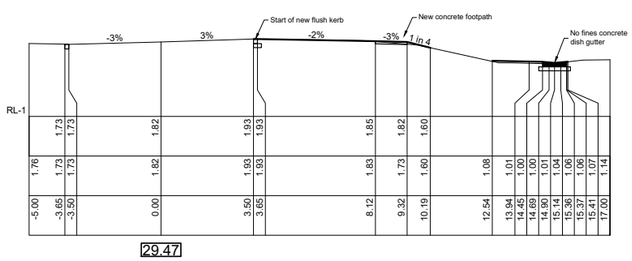
Note - Road Pavement Specification
25mm Asphaltic concrete (AC10) seal on compacted gravel pavement comprising 150mm min. DGS40 sub-base and 150mm min. DGB20 base course (subject to subgrade testing).

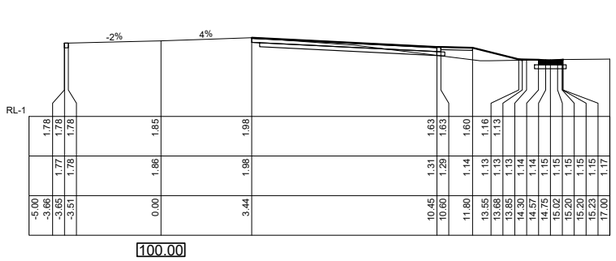
Note: Natural Surface Levels
The natural surface levels shown hereon have been derived from the digital site survey model, and as such may vary from the actual ground level. It is the contractors responsibility to verify the ground level at each chainage prior to excavation or filling works are undertaken.

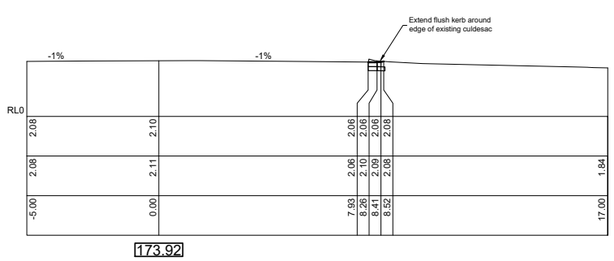


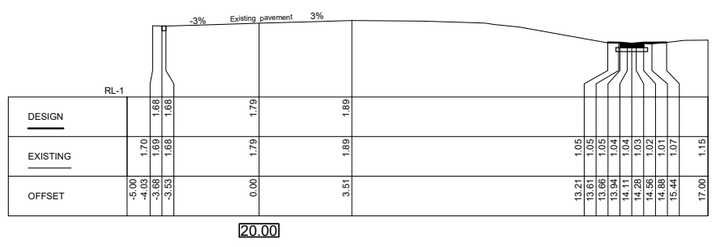


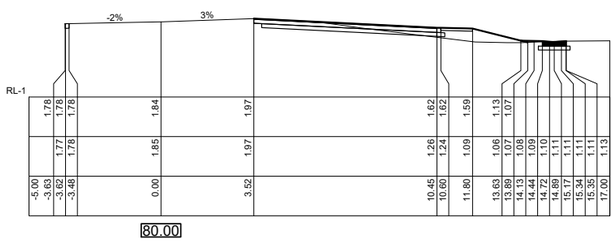


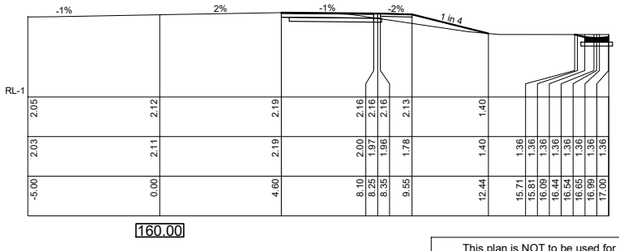












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Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Riverbend Drive
Cross Sections

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Design	PB	Scale at A1	1:100 nat.
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	-	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C109
		Issue	B

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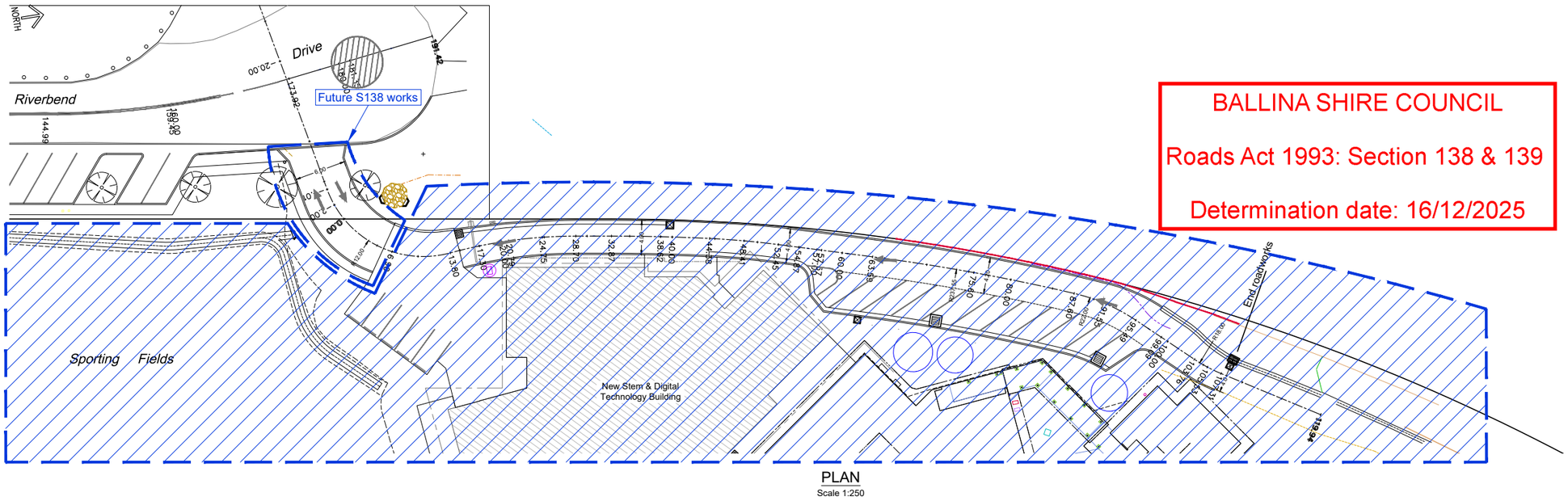

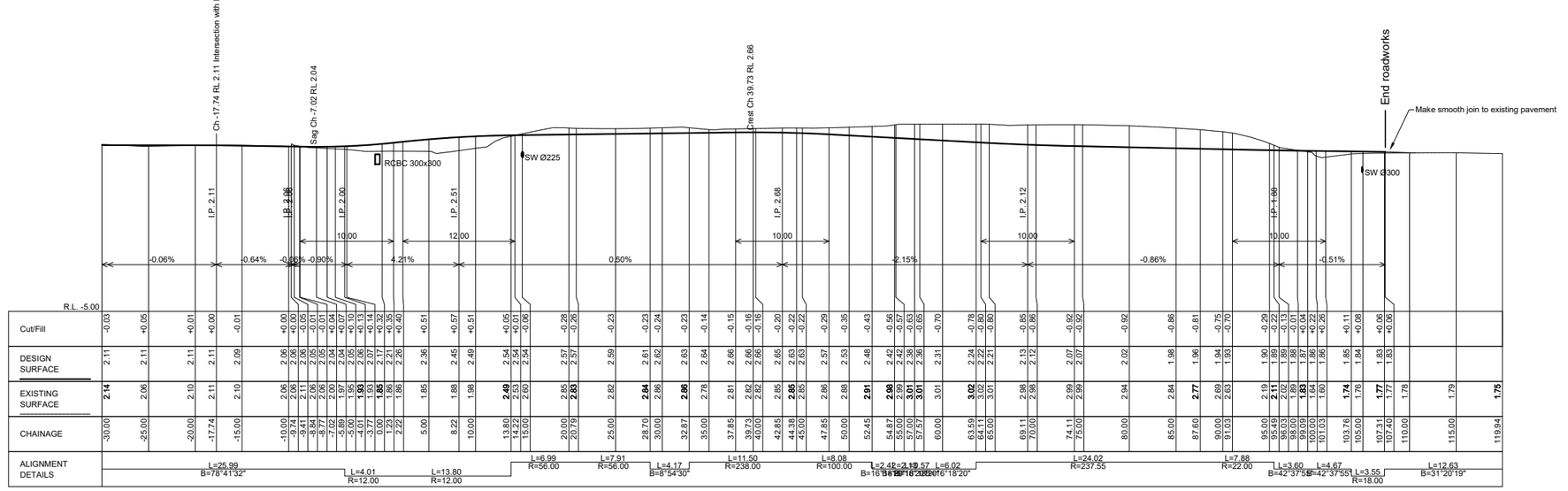

SCALES: HORIZONTAL 1:250 VERTICAL 1:100

Longitudinal Section

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Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Access road Plan & Long. Section

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Design	PB	Scale at A1	as shown
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	.	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C110
		Issue	B

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BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025

Note - Road Pavement Specification

FLEXIBLE PAVEMENTS

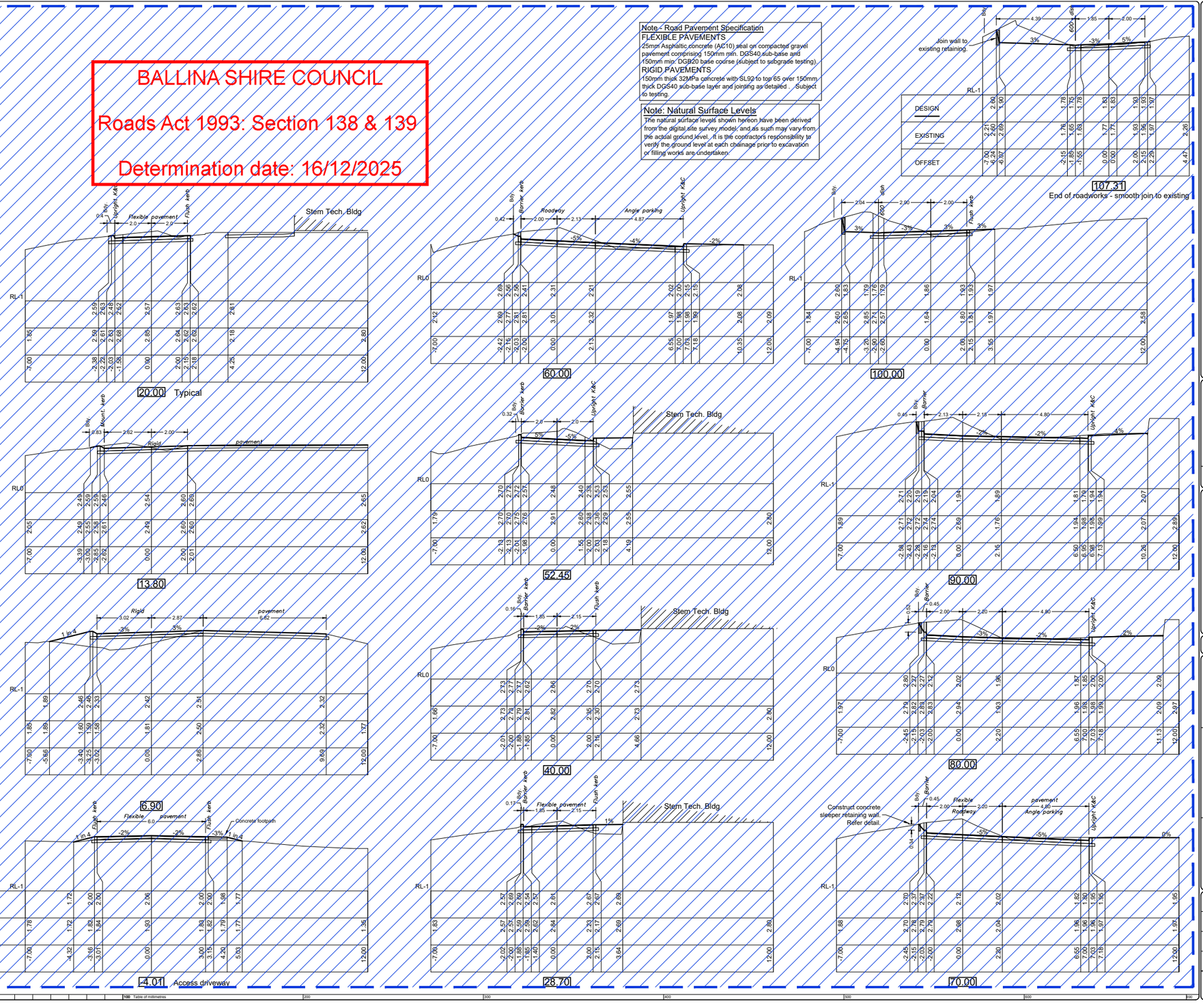
25mm Asphaltic concrete (AC10) seal on compacted gravel pavement comprising 150mm min. DGS40 sub-base and 150mm min. DGB20 base course (subject to subgrade testing).

RIGID PAVEMENTS

150mm thick 32MPa concrete with SL92 to top 65 over 150mm thick DGS40 sub-base layer and jointing as detailed . Subject to testing.

Note: Natural Surface Levels

The natural surface levels shown hereon have been derived from the digital site survey model, and as such may vary from the actual ground level . It is the contractors responsibility to verify the ground level at each chainage prior to excavation or filling works are undertaken.



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ENGINEERS PLANNERS SURVEYORS
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Client: Emmanuel Anglican College

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives
Ballina

Title: RIVERBEND DRIVE SITE
Access road Cross Sections

Design	PB	Scale at A1	1:100 nat.
Drawn	PB	Datum	AHD
Checked	RB	CSD File	5001-17-DESIGN-Dec-23
Approved	.	DWg File	5001-17-CC-Dwgs WEST
Date	3.4.24		

Job No.	Dwg No.	Issue
5001-17	C111	B

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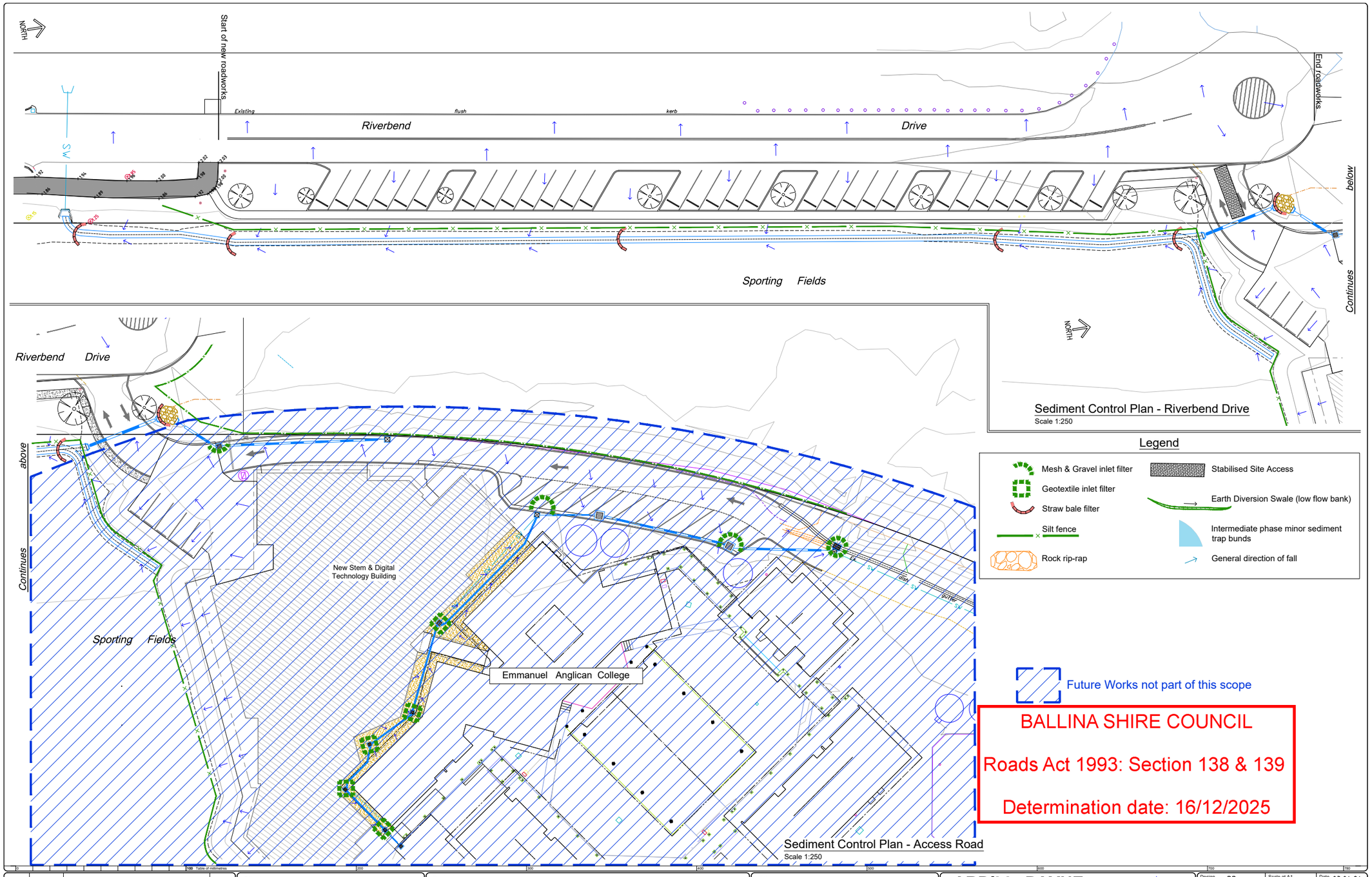

Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Sediment Control plans

ARDILL PAYNE
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Design	PB	Scale at A1	as shown
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	XXX	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C112
		Issue	B

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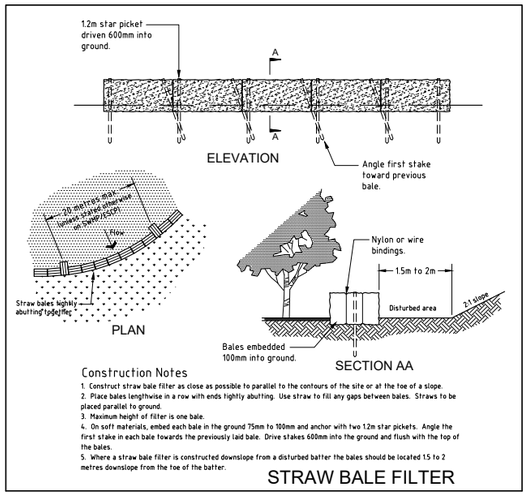
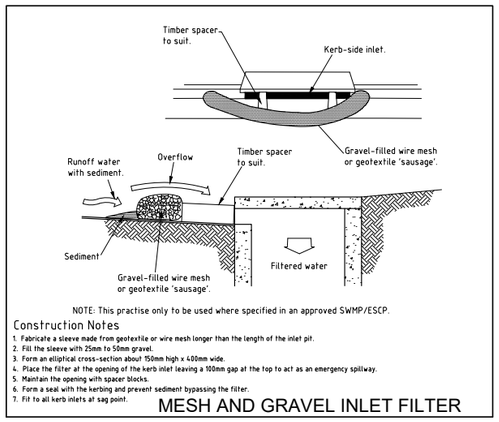


Construction Notes

1. Construct straw bale filter as close as possible to parallel to the contours of the site or at the toe of a slope.
2. Place bales lengthwise in a row with ends tightly abutting. Use straw to fill any gaps between bales. Straws to be placed parallel to ground.
3. Maximum height of filter is one bale.
4. On soft materials, embed each bale in the ground 75mm to 100mm and anchor with two 1.2m star pickets. Angle the first stake in each bale towards the previously laid bale. Drive stakes 600mm into the ground and flush with the top of the bales.
5. Where a straw bale filter is constructed downslope from a disturbed batter the bales should be located 1.5 to 2 metres downslope from the toe of the batter.

STRAW BALE FILTER

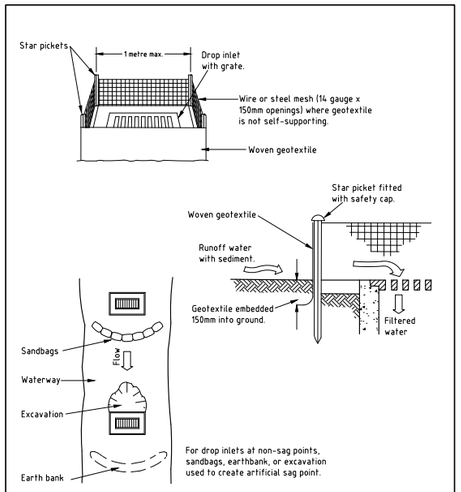


NOTE: This practise only to be used where specified in an approved SWMP/ESCP.

Construction Notes

1. Fabricate a sleeve made from geotextile or wire mesh longer than the length of the inlet pit.
2. Fill the sleeve with 25mm to 50mm gravel.
3. Form an elliptical cross-section about 150mm high x 400mm wide.
4. Place the filter at the opening of the kerb inlet leaving a 100mm gap at the top to act as an emergency spillway.
5. Maintain the opening with spacer blocks.
6. Form a seal with the kerbing and prevent sediment bypassing the filter.
7. Fit to all kerb inlets at sag point.

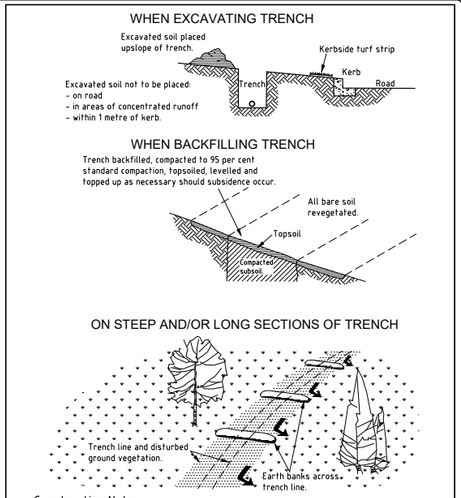
MESH AND GRAVEL INLET FILTER



Construction Notes

1. Fabricate a sediment barrier made from geotextile or straw bales.
2. Support geotextile with mesh tied to posts at 1 metre centres.
3. Do not cover inlet with geotextile.

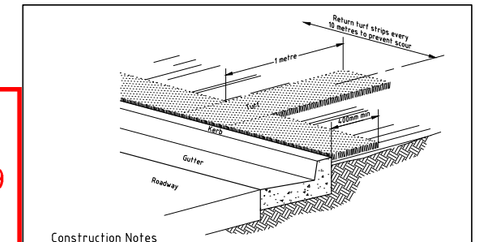
GEOTEXTILE INLET FILTER



Construction Notes

1. Do not open any trench unless it is likely to be closed in three days.
2. Place excavated material upslope of trench.
3. Stockpile topsoil separately from subsoil.
4. Divert runoff from the line of the cut with diversions.
5. Rehabilitate in accordance with the specification.

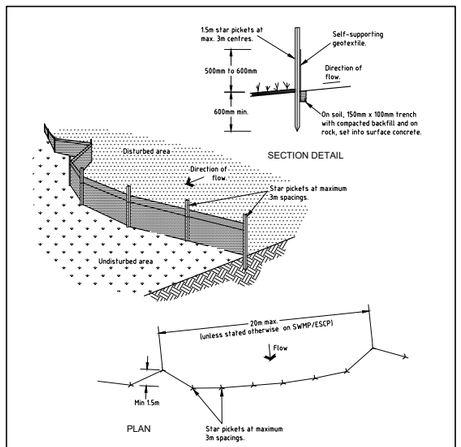
UTILITY CONSTRUCTION



Construction Notes

1. Install min. 400mm wide roll of turf on the footpath adjacent to the kerb and at the same level as the top of the kerb.
2. Lay 1.5 metre long turf strips normal to the kerb every 10 metres.
3. Rehabilitate disturbed soil behind the turf strip in accordance with the SWM/ESCP.

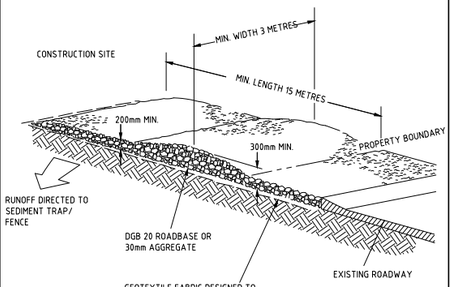
KERBSIDE TURF STRIP



Construction Notes

1. Construct sediment fence as close as possible to parallel to the contours of the site.
2. Drive 1.5 metre long star pickets into ground, 3 metres apart.
3. Dig a 150mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
4. Backfill trench over base of fabric.
5. Fix self-supporting geotextile to upslope side of of posts with wire ties or as recommended by geotextile manufacturer.
6. Join sections of fabric at support post with a 150mm overlap.

SEDIMENT FENCE



CONSTRUCTION NOTES:

1. STRIP TOPSOIL AND LEVEL SITE.
2. COMPACT SUBGRADE
3. COVER ARE WITH NEEDLE PUNCHED GEOTEXTILE
4. CONSTRUCT 200mm THICH PAD OVER GEOTEXTILE USING ROADBASE OR 30mm AGGREGATE. MINIMUM LENGTH 15 METRES OR TO BUILDING ALIGNMENT. MINIMUM WIDTH 3 METRES
5. CONSTRUCT HUMP IMMEDIATELY WITHIN BOUNDARY TO DIVERT WATER TO A SEDIMENT FENCE OR OTHER SEDIMENT TRAP.

STABILISED SITE ACCESS

BALLINA SHIRE COUNCIL

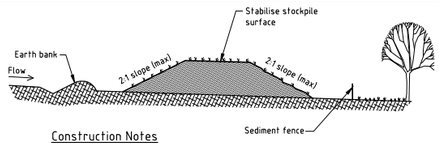
Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025

Notes - Erosion and Sedimentation Control

1. All erosion and sedimentation controls shall be in accordance with the guidelines and specifications as detailed in the Department of Housing's ' Managing Urban Stormwater: Soils and Construction' and the EPA's 'Managing Urban Stormwater' series.
2. Construction shall be phased so that land disturbance is confined to areas of workable size. This will limit the duration disturbed areas are exposed to erosion. Stabilisation shall be applied to the first disturbed area before the next section is opened up. Any disturbed areas that will not be stabilised within 30 days shall be revegetated and any that fail to establish shall be resown.
3. Topsoil stockpiles are to be located away from any natural drainage watercourse and are to have hay bales and/or silt stop sediment control fences placed around them to act as sedimentation controls.
4. Temporary earthen diversion drains are to be constructed to divert waters away from all disturbed areas and towards haye bale check dams located in natural drainage depressions. Temporary sediment detention barriers are to be placed around outlet headwalls and drainage discharge points as detailed and permanent energy dissapators are to be installed at all outlets as shown to limit velocities and thus the potential for scouring. With all drainage outlets, all waters are to be released in a non-erodible manner. Temporary sediment traps are to be constructed at all drainage inlet points as detailed.
5. Sediment and debris are to be removed from detention barriers when they are 60% full. All the sediment removed shall be disposed of as directed by the Supervising Engineer.
6. Upon completion of shaping and drainage works, batters and drainage lines shall be topsoiled to a minimum depth of 100mm with stockpiled material and any areas with insufficient grass/topsoil mix are to be seeded and mulched with any failed areas resown or revegetated as directed by the Supervising Engineer. A 400mm wide turf strip shall be installed next to all kerb and gutter, or kerb, to stabilise the interface between kerb and footpath.
7. Temporary erosion and sedimentation controls are to be installed during the construction phase and shall be retained and maintained while disturbed areas remain or are contributing sediment to the stormwater system. No device shall be removed until directed by the Supervising Engineer.

This plan is NOT to be used for construction purposes unless it carries the approval stamp of the local authority.



Construction Notes

1. Locate stockpile at least 5 metres from existing vegetation, concentrated water flows, roads and hazard areas.
2. Construct on the contour as a low, fat, elongated mound.
3. Where there is sufficient area topsoil stockpiles shall be less than 2metres in height.
4. Rehabilitate in accordance with the SWMP/ESCP.
5. Construct earth bank (Standard Drawing 5-2) on the upslope side to divert run off around the stockpile and a sediment fence (Standard Drawing 6-7) 1 to 2 metres downslope of stockpile.

STOCKPILES SD 4-1

Issue	Date	Amendment	App'd
B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: Emmanuel Anglican College

Project: STEM & DIGITAL TECHNOLOGY BUILDING
Riverbend & Horizon Drives
BALLINA

Title: RIVERBEND DRIVE SITE
Sediment Control Details

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Design	PB	Scale at A1	na
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	.	Dwg File	5001-17-CC-Details-WEST
Job No.	5001-17	CSD File	5001-17-DESIGN
		Dwg No.	C113
		Issue	B

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BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025

NORTH

Riverbend Drive

SW System 1

SW System 2

SW System 3

New Stem & Digital Technology Building

Emmanuel Anglican College

Headwall 11

Headwall 23

12 Headwall

300x300 RCBC

Ø225

22 GIP

21 JP

Remove existing Ø300 culvert pipe

New no-fines concrete dish channel to base of swale drain. Refer detail.

Carpark & service bay runoff through stormwater treatment garden (green shading) min. 100m²

Remove existing pits & pipes

Existing SW line

31c JP

Install new pit on existing line.

31 GIP

SL 2.06
IL 1.28

Ø150 9.2m @1.4%

New tank

Relocated tank

Ø300

32 GIP

33a V grate GIP

Ex. 33 JP

Install new pit 33a on existing dish gutter. Provide connected opening to pit 33 min.Ø300

Existing stormwater treatment garden (green shading)

Install new pit on existing line.

Replace existing 25kL tank with new poly 50kL 'Clark Tanks'. Embed 600mm into ground to reduce height.

Install new pit on existing line. Reconnect incoming to suit.

SL 2.16
IL 1.58
31b GIP

Ø150 21.3m @1.4%

Existing SW line

Ø225

Remove existing line & pit beneath new building footprint. Adjust connecting lines as necessary to new pits.

Ex.31a
IL 1.68

GIP SL 2.20

GIP SL 2.25

GIP SL 2.30

Subsoil ag line pits nominal 450mm sq. plastic proprietary type with precast grated lid.

Install subsoil ag line (refer detail) in all gravel areas.

Remove existing lines & pits beneath new works footprint. Adjust connecting lines as necessary to new design.

Install new pit on existing line. Connect incoming to suit.

Ø150 3.3m

Ex.41 SL 2.5 GIP

Ex.GIP

Future Works not part of this scope

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B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE & STEM SITES
Stormwater Drainage plans

Do not scale drawing. Use written dimensions only
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Design	PB	Scale at A1	1:200
Drawn	PB	Date	03.04.24
Checked	RB	Datum	AHD
Approved	.	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C114
		Issue	B

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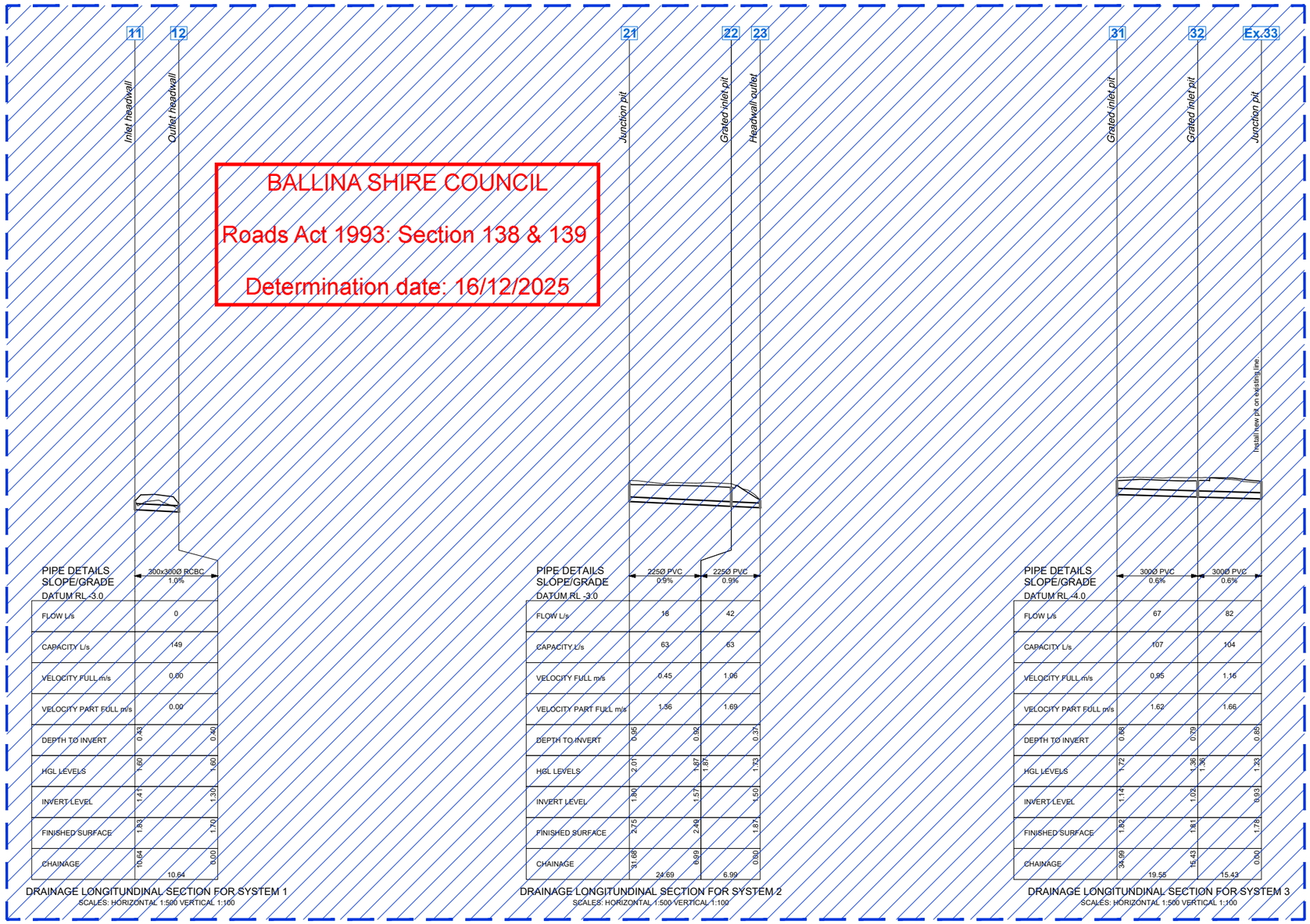

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B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
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Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: RIVERBEND DRIVE SITE
Stormwater drainage Profiles

ARDILL PAYNE
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Approved	.	CSD File	5001-17-DESIGN-Dec-23
Job No.	5001-17	Dwg File	5001-17-CC-DWGS-WEST
		Dwg No.	C115
		Issue	B

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BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025

PIPE LAYING DETAILS

N.T.S.

BALLAST UNDERLAY: WET AREAS - 12mm-25mm CRUSHED AGGREGATE
DRY AREAS - AS FOR SIDE SUPPORT & OVERLAY

SIDE SUPPORT & OVERLAY: APPROVED SAND OR METAL DUST FREE FROM ROCKS TO FORM STABLE BED.

BACKFILL: UNDER ROADS SHALL BE METAL DUST TO UNDERSIDE OF PAVEMENT. IN OTHER AREAS SHALL BE THE MATERIAL FROM THE TRENCH EXCAVATION FREE FROM ROCKS.

NOTE:- ALL MATERIALS TO BE PLACED IN LAYERS NOT EXCEEDING 150mm COMPACTED THICKNESS & COMPACTED TO 95% STANDARD DRY DENSITY (A.S.1289)

MINIMUM COVER REQUIREMENTS

AREAS NOT SUBJECT TO VEHICULAR LOADING: 450mm

AREAS SUBJECT TO VEHICULAR LOADING:-

(a) NOT IN ROADWAY: 600mm

(b) IN SEALED ROADWAY: 600mm

(c) IN UNSEALED ROADWAY: 750mm

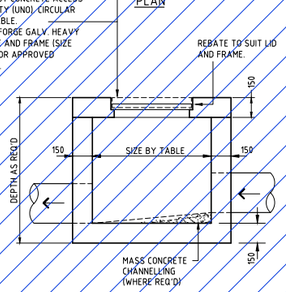
LESSER COVER MAY BE PERMITTED WHERE SPECIAL PROTECTION OF THE PIPELINES HAS BEEN APPROVED BY COUNCIL.

PLAN

PIT ACCESS LID
SOLID: USE PRECAST CONCRETE ACCESS COVER, HEAVY DUTY (UNO). CIRCULAR LIDS ARE ACCEPTABLE.
GRATED: USE WEBFORGE GALV. HEAVY DUTY SUMP GRATE AND FRAME (SIZE TO SUIT OPENING) OR APPROVED EQUIVALENT (UNO).

TABLE OF MINIMUM PIT SIZES
(REPRODUCED FROM AS/NZS 3500.3:2015 TABLE 7.5.2.1)

Depth to Invert of Outlet	Minimum Internal Measurements		
	Rectangular		Circular
	Width	Length	Diameter
≤ 600	450	450	600
> 600 ≤ 900	600	600	900
> 900 ≤ 1200	600	900	1000
> 1200	900 (SEE NOTE 1)	900	1000



ELEVATION

PIT PLAN & ELEVATION

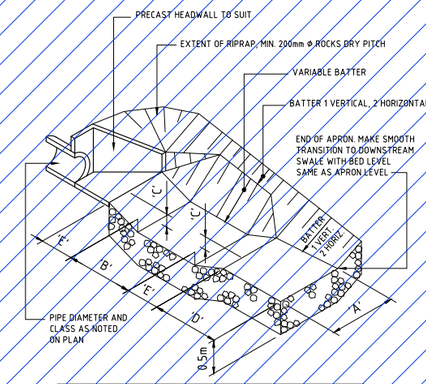
SCALE 1:20

STANDARD STORMWATER PIT DETAIL

P8.85-11-18

NOTES

1. STEP IRONS SHALL BE PROVIDED IN ALL PITS OF DEPTH GREATER THAN 1200mm, IN ACCORDANCE WITH LOCAL AUTHORITY STANDARDS.
APPROVED PROPRIETARY STEP IRONS COMPLYING WITH AS 1657 MAY BE USED IN LIEU OF FABRICATED STEP IRONS.
2. CONCRETE GRADE N32 TO AS 3600.
3. SIDE WALLS OF PITS DEEPER THAN 1500mm SHALL BE EITHER:
a) REINFORCED WITH ONE LAYER OF SL82 PLACED CENTRALLY AND RETURNED 300mm INTO PIT BASE or
b) HAVE THICKENED WALLS AS DETAILED SEPARATELY AND/OR AS IN AS 3500.
(NOTE THAT PITS TO BE DEDICATED TO NRLG COUNCILS SHALL NOT USE OPTION b) WALL THICKENING.)



DIMENSIONS TABLE (DIMENSIONS SHOWN ARE MINIMUM REQUIREMENTS)

CULVERT DIAMETER (NOMINAL) (mm)	'A' (m)	'B' (m)	'C' (m)	'D' (m)	'E' (m)	RIPRAP MIN. DIM. OF ROCK (m)
1200	2.0	4.0	0.60	3.0	1.2	0.3
1050	1.75	3.5	0.60	2.5	1.2	0.3
900	1.5	3.0	0.45	2.5	1.0	0.20
750	1.5	3.0	0.40	2.0	0.8	0.20
600	1.5	2.0	0.30	1.5	0.6	0.15
525	1.5	1.5	0.30	1.5	0.6	0.10
450	1.2	1.5	0.25	1.5	0.5	0.10
375	1.0	1.0	0.20	1.0	0.5	0.10

NOTE
Rocks smaller than 300mm dia. are to be used beneath the larger rocks and packed tightly to form a dense mosaic.

ENERGY DISSIPATOR AND SCOUR PROTECTION AT HEADWALL

SECTIONAL ISOMETERIC VIEW

DO NOT SCALE

Future Works not part of this scope

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B	17.9.25	DEFINE WORKS SCOPE; ISSUE FOR APPROVAL	PB
A	23.7.24	ISSUE FOR TENDER	PB

Client: Emmanuel Anglican College

Project: STEM & DIGITAL TECHNOLOGY BUILDING
Riverbend & Horizon Drives
BALLINA

Title: RIVERBEND DRIVE SITE
Stormwater Drainage
Construction Details

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Checked	RB	Datum	AHD
Approved	.	Dwg File	5001-17-CC-Details-WEST
Job No.	5001-17	CSD File	5001-17-DESIGN
Dwg No.	C116	Issue	B

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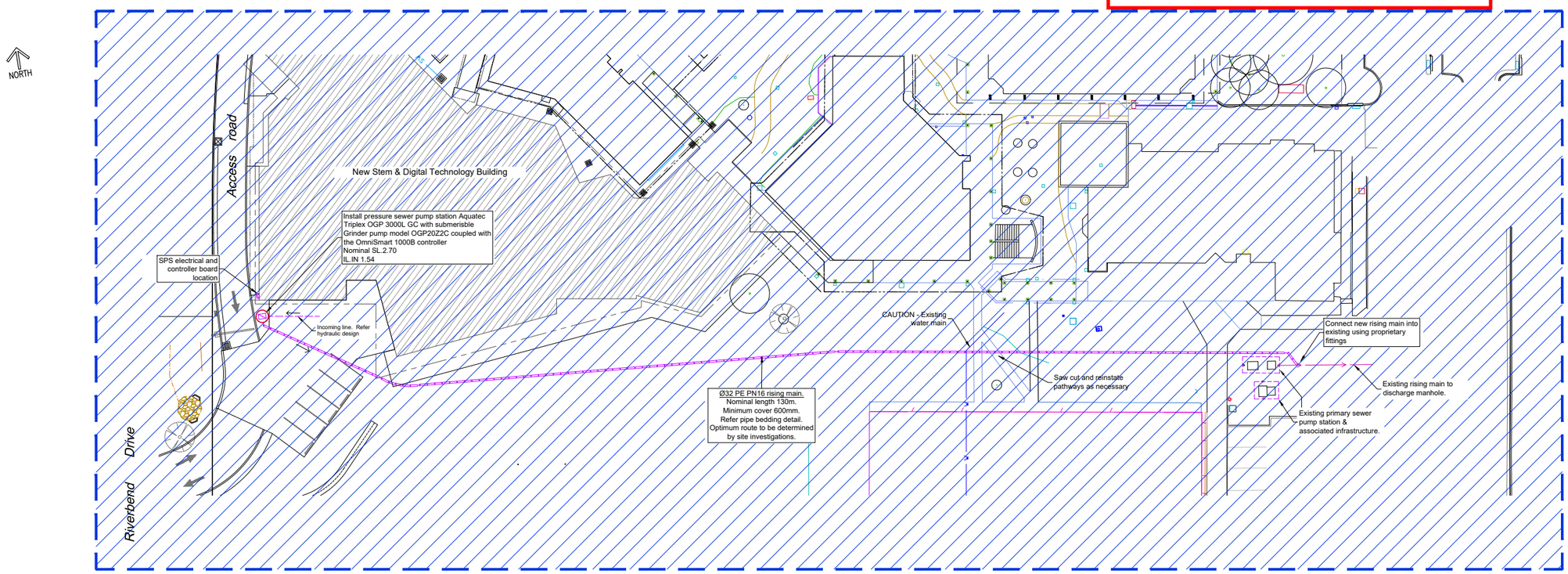
BALLINA SHIRE COUNCIL

Roads Act 1993: Section 138 & 139

Determination date: 16/12/2025



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Client: EMMANUEL ANGLICAN COLLEGE

Project: STEM & DIGITAL TECHNOLOGY CENTRE
Horizon & Riverbend Drives, BALLINA

Title: STEM SITE
Sewer layout plan

ARDILL PAYNE & PARTNERS
ENGINEERS PLANNERS SURVEYORS
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		Dwg No.	C117
		Issue	B

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8. Items Referred for General Discussion

Nil Items

10. Items Without Notice

11. Next Meeting

Next meeting is scheduled for Wednesday 13 May 2026 at 10.00 am.