

LOCALITY MAP
N.T.S

BLINDMOUTH ROAD UPGRADE

FROM 0.115km TO 0.85km NORTH OF MAIN ARM ROAD
ROADS ACT WORK FOR DA 10.2020.242.1

For: YOAV LEV

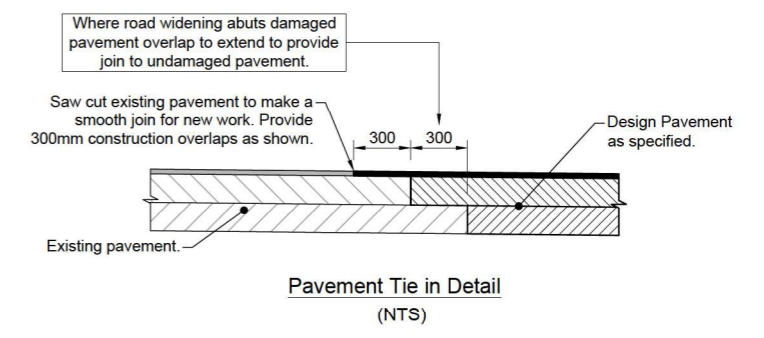
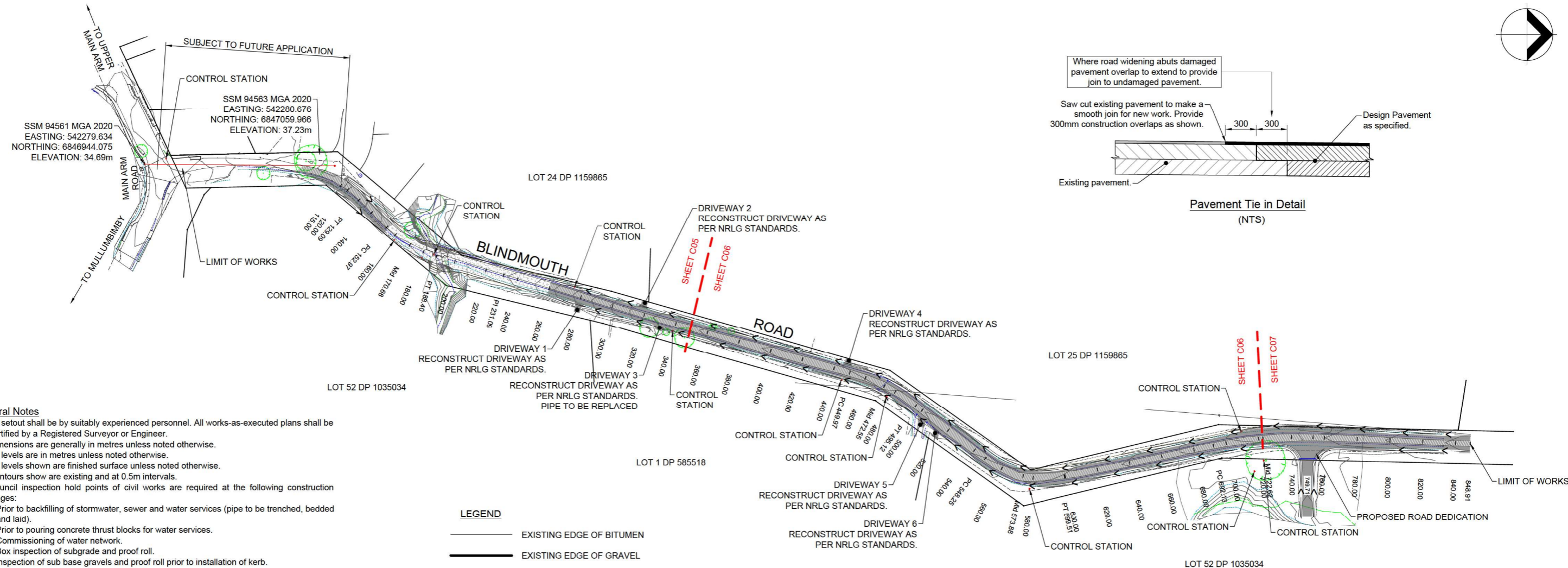
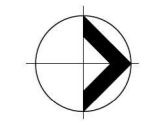
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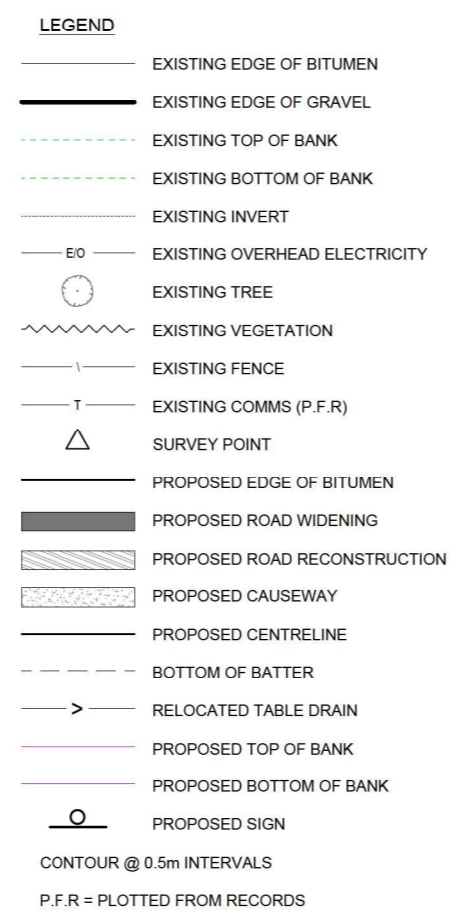
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DRAWING SCHEDULE

DRAWINGS	SHEET	DESCRIPTION
11361 -No. C01	1 of 18	Extent of Works Layout
11361 -No. C02	2 of 18	Erosion & Sediment Control Plan
11361 -No. C03	3 of 18	Erosion & Sediment Control Plan - Culvert
11361 -No. C04	4 of 18	Erosion & Sediment Control Details & Notes
11361 -No. C05	5 of 18	Layout Plan & Longitudinal Section Ch.3.57 to Ch.364.44
11361 -No. C06	6 of 18	Layout Plan & Longitudinal Section Ch.364.44 to Ch.730.89
11361 -No. C07	7 of 18	Layout Plan & Longitudinal Section Ch.730.89 to Ch.848.91
11361 -No. C08	8 of 18	Cross Sections Ch.115.00 to Ch.280.00
11361 -No. C09	9 of 18	Cross Sections Ch.300.00 to Ch.520.00
11361 -No. C10	10 of 18	Cross Sections Ch.540.00 to Ch.732.45
11361 -No. C11	11 of 18	Cross Sections Ch.740.00 to Ch.848.91
11361 -No. C12	12 of 18	Unnamed Intersection Plan, Longitudinal and Cross Sections
11361 -No. C13	13 of 18	Intersection Layout & Pavement Return Longitudinal Sections
11361 -No. C14	14 of 18	Culvert & Causeway Layout Plan Ch.154.00 to Ch.257.00
11361 -No. C15	15 of 18	Rock Batter Stabilisation & Stilling Basin Sections
11361 -No. C16	16 of 18	Causeway Longitudinal Section & Culvert Details & Notes
11361 -No. C17	17 of 18	Signage & Linemarking Plan - Sheet 1
11361 -No. C18	18 of 18	Signage & Linemarking Plan - Sheet 2



- General Notes**
- All setout shall be by suitably experienced personnel. All works-as-executed plans shall be certified by a Registered Surveyor or Engineer.
 - Dimensions are generally in metres unless noted otherwise.
 - All levels are in metres unless noted otherwise.
 - All levels shown are finished surface unless noted otherwise.
 - Contours show are existing and at 0.5m intervals.
 - Council inspection hold points of civil works are required at the following construction stages:
 - Prior to backfilling of stormwater, sewer and water services (pipe to be trenched, bedded and laid).
 - Prior to pouring concrete thrust blocks for water services.
 - Commissioning of water network.
 - Box inspection of subgrade and proof roll.
 - Inspection of sub base gravels and proof roll prior to installation of kerb.
 - Inspection of base gravels and proof roll prior to sealing.
 - Any service crossings of road pavement.
 - Inspections are organised by contacting Council's Development Engineer. Please note 24hours notice of inspection is required.
- 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:
- General filling to 95% standard compaction;
 - Subgrade to 95% standard compaction;
 - Sub-base gravels to 100% standard compaction;
 - Base course gravels to 100% standard compaction;
- Typical pavement material to consist of:
 - refer to pavement specification.
 - Minimum cover to stormwater pipes shall be 450mm in landscape areas, and 600mm under road pavements, unless noted otherwise.
 - 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.
 - 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.
 - Drainage easements, where not shown, shall be confirmed by survey after construction.
 - General concrete works shall have the following properties:
 - Class of concrete shall be normal.
 - Maximum slump shall be 80mm.
 - Maximum aggregate size shall be 20mm.
 - Min 28 days concrete compressive strength shall be 32 MPa including all kerbs u.n.o
 - Concrete works shall conform to AS 3600.
 - 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.
 - All traffic control during construction shall be in accordance with the RMS's Guidelines - Traffic Control at Work Sites and AS 1742.3 - 2009 Manual of Uniform Traffic Control Devices: Traffic Control Devices for Works on Roads.
 - All works shall be carried out in accordance with the Local Authorities Codes, standards, and associated standard drawings (NRLG).
 - It is the Contractor's responsibility to provide to the Surveyor any information necessary to prepare works-as-executed drawings for submission to the Local Authority. It will be necessary to liaise with the Surveyor to coordinate the location of some items prior to backfilling.



EXTENT OF WORKS PLAN
SCALE 1:1250 @ A1
1:2500 @ A3

Pavement Specifications:

- Concrete Pavement: Causeway - CH.154.00 to CH.260.00
- 190mm thick 32MPa, SL82 50mm top cover.
 - on min 100mm thick compacted sub-base (DGS 40)
- Flexible Pavement (design CBR 3.5) - CH.115.00 to CH.154.00
- 25mm AC on 7mm primer seal
 - 150mm base course (DGB 20)
 - 150mm sub-base (DGS 40)
 - 300mm select (CBR 15)
- (existing pavement material may be used as select, subject to further testing to achieve compliance with tNSW spec 3051).
- Flexible Pavement (design CBR 5.0) - CH.260.00 to CH.330.00
- 25mm AC on 7mm primer seal
 - 150mm base course (DGB 20)
 - 245mm sub-base (DGS 40)
- (existing pavement material may be used as select, subject to further testing to achieve compliance with tNSW spec 3051).
- Flexible Pavement (design CBR 8.0) - CH.330.00 to CH.848.91
- 25mm AC on 7mm primer seal
 - 150mm base course (DGB 20)
 - 150mm sub-base (DGS 40)
- (existing pavement material may be used as select, subject to further testing to achieve compliance with tNSW spec 3051).

Subgrade Preparation:

- Stripping of all vegetation, topsoil and root affected soils, or loose fill materials .
- Proof roll or test roll the subgrade in the presence of the engineer. The engineer may then advise on any soft or unstable areas, which should be locally excavated down and replaced with compacted select engineered fill as appropriate. A rip and recompact treatment of the existing subgrade may also be required.
- Test rolling should be carried out using a smooth drum static (non-vibration) roller with a minimum weight of 12-tonne to achieve required compaction of subgrade materials



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

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Issue	Date	Description	App'd
D	27/04/2023	Amended BAL	TC
C	18/04/2023	Amended Culvert details	TC
B	24/02/2023	Amended Intersection and Culvert	TC
A	12/12/2022	ORIGINAL ISSUE	TC

Client: **YOAV LEV**

Project: **BLINDMOUTH ROAD UPGRADE**
FROM 0.115km TO 0.85km NORTH OF MAIN ARM ROAD

Title: **EXTENT OF WORKS LAYOUT**

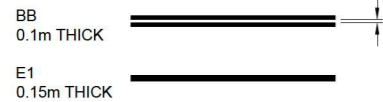
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Design	CW	Scale	1:1250 @ A1, 1:2500 @ A3
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Checked	AH/TC	Datum	
Approved	TC	Drafting File	11361_Design_ISSD.dwg
Date	27/04/2023	Design File	
Job No	11361	Dwg No.	C01
		Issue	D



LINE MARKING LEGEND



SIGN LEGEND



Curve radius	Spacing (m)	
	On outside curve	On inside curve
< 100	6	12
100 - 199	10	20
200 - 299	15	30
300 - 399	20	40
400 - 599	30	60
600 - 699	40	60
800 - 1999	60	60
1200 - 2000	90	90
> 2000 including straights	150	150

Table 16.1: Spacing of posts on curves (including spacing of delineators on guard fence)

Guide Post Spacing Guidelines
(Delineation: Section 16 - Guide posts and delineation of safety barriers)

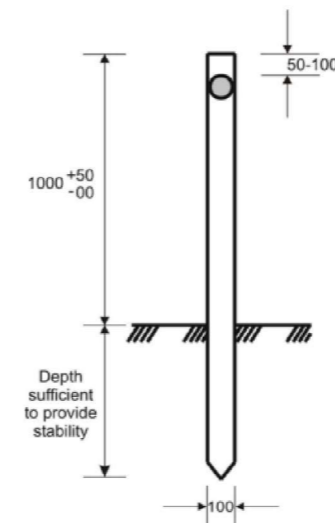
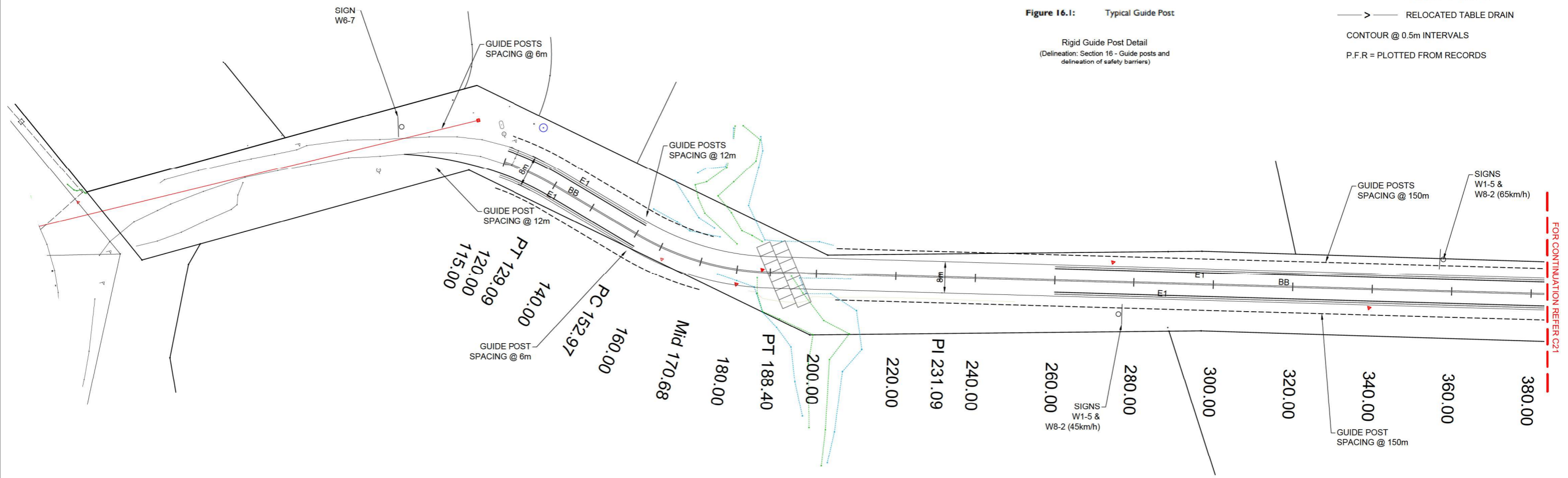


Figure 16.1: Typical Guide Post

Rigid Guide Post Detail
(Delineation: Section 16 - Guide posts and delineation of safety barriers)

LEGEND

- EXISTING EDGE OF BITUMEN
- EXISTING TREE
- ~ EXISTING VEGETATION
- - - EXISTING FENCE
- - - PROPOSED GUIDEPOSTS
- PROPOSED SIGN
- PROPOSED EDGE OF BITUMEN
- - - BOTTOM OF BATTER
- >— RELOCATED TABLE DRAIN
- CONTOUR @ 0.5m INTERVALS
- P.F.R. = PLOTTED FROM RECORDS



BLINDMOUTH ROAD OVERVIEW
CH 0.00 TO CH 380.00
SCALE 1:500 @ A1
1:1000 @ A3

FOR CONTINUATION REFER C21

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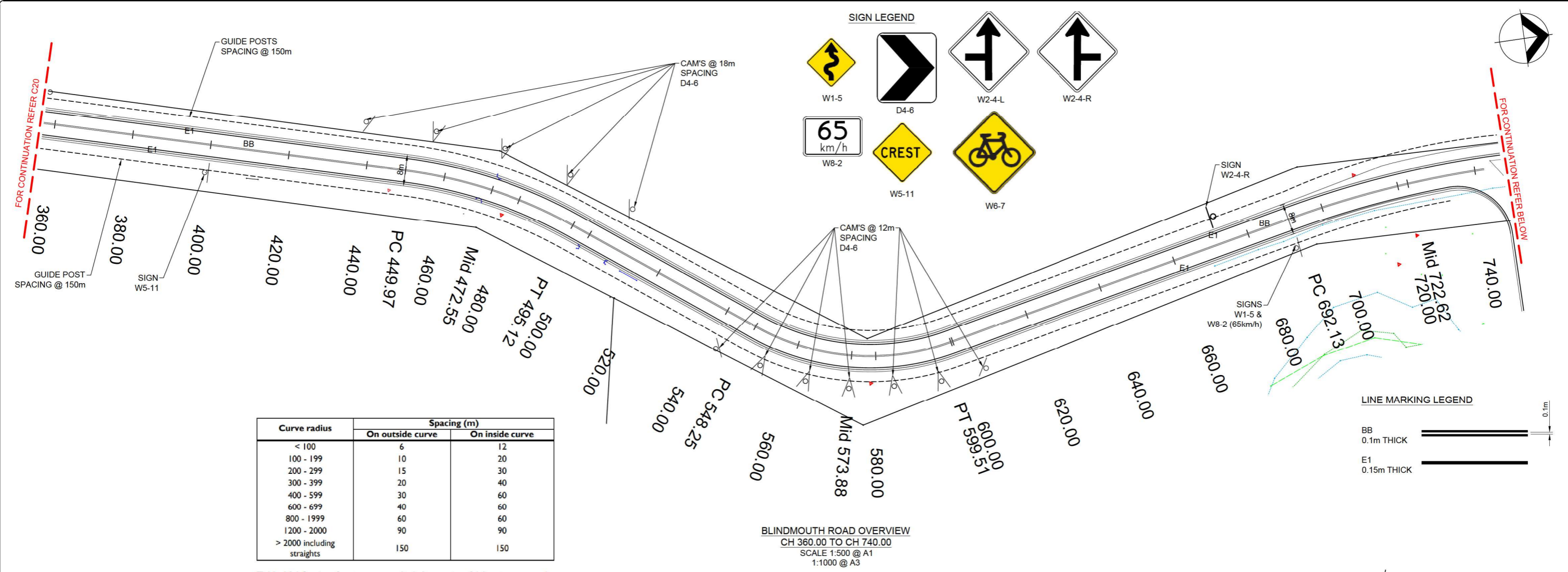
Title: **SIGNAGE AND LINEMARKING**
PLAN - SHEET 1

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Checked	AH/TC	Datum	
Approved	TC	Drafting File	11361_Design_ISSD.dwg
Date	27/04/2023	Design File	
Job No.	11361	Dwg No.	C17
		Issue	D

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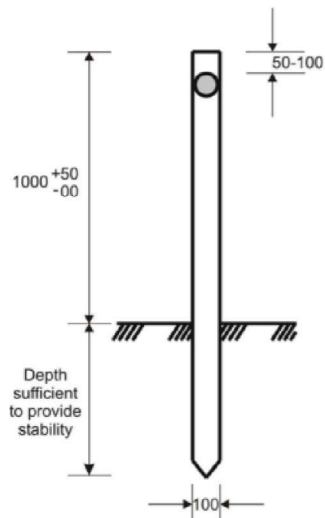
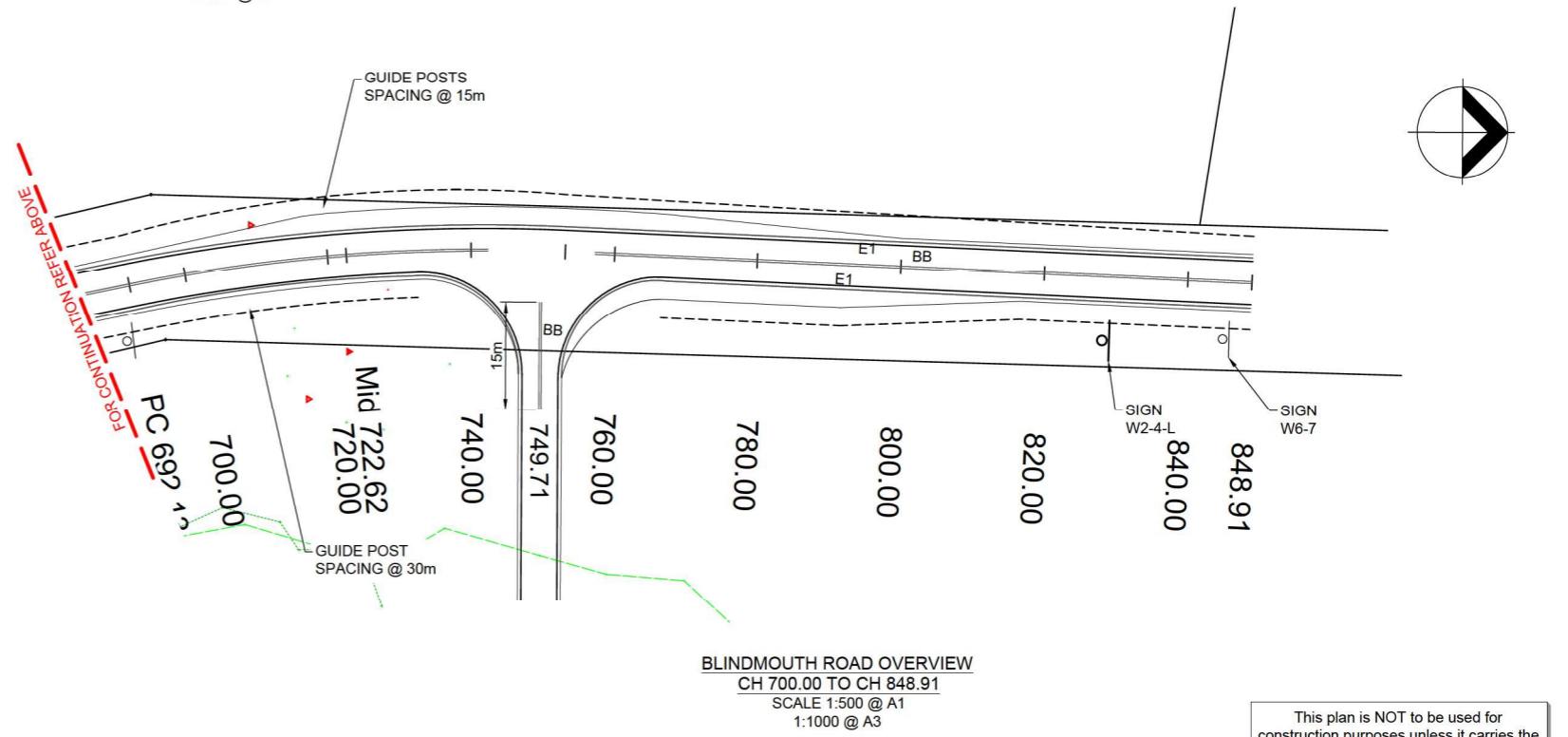


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BLINDMOUTH ROAD OVERVIEW
CH 700.00 TO CH 848.91
SCALE 1:500 @ A1
1:1000 @ A3

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Title: SIGNAGE AND LINEMARKING
PLAN - SHEET 2

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		Issue	D

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