



Infrastructure Services
Directorate

APPENDICES

Items 12.3.1 – 12.3.2

ORDINARY COUNCIL MEETING

To Be Held

Wednesday, 25th of May 2022

Commencing at 5.00pm

At

Shire of Dardanup
ADMINISTRATION CENTRE EATON
1 Council Drive – EATON

This document is available in alternative formats such as:

- ~ Large Print
- ~ Electronic Format [disk or emailed]
Upon request.

RISK ASSESSMENT TOOL

OVERALL RISK EVENT: Heavy Haulage Restricted Access Vehicles (RAV) on Harris Road

RISK THEME PROFILE:

1 - Asset Sustainability Practices

RISK ASSESSMENT CONTEXT: Strategic

CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL		
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD	RESIDUAL RISK RATING
HEALTH	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required	Not required.	Not required.	Not required.
FINANCIAL IMPACT	The Shire will have limited ability to raise funds due to extraordinary load on road.	Minor (2)	Possible (3)	Low (1 - 4)	Not required.	Not required.	Not required.	Not required.
FINANCIAL IMPACT	Existing Roads identified as RAV routes may reach the end of its useful life sooner than anticipated due to haulage activity.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Not required.	Not required.	Not required.	Not required.
SERVICE INTERRUPTION	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.
LEGAL AND COMPLIANCE	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required	Not required.	Not required.	Not required.
REPUTATIONAL	Customer levels of service may be reduced if assets are not maintained or renewed to meet user demand.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Not required.	Not required.	Not required.	Not required.
ENVIRONMENT	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.

RISK ASSESSMENT TOOL

OVERALL RISK EVENT: Item 12.3.2 – Panizza Road – Road Upgrade Concept Design

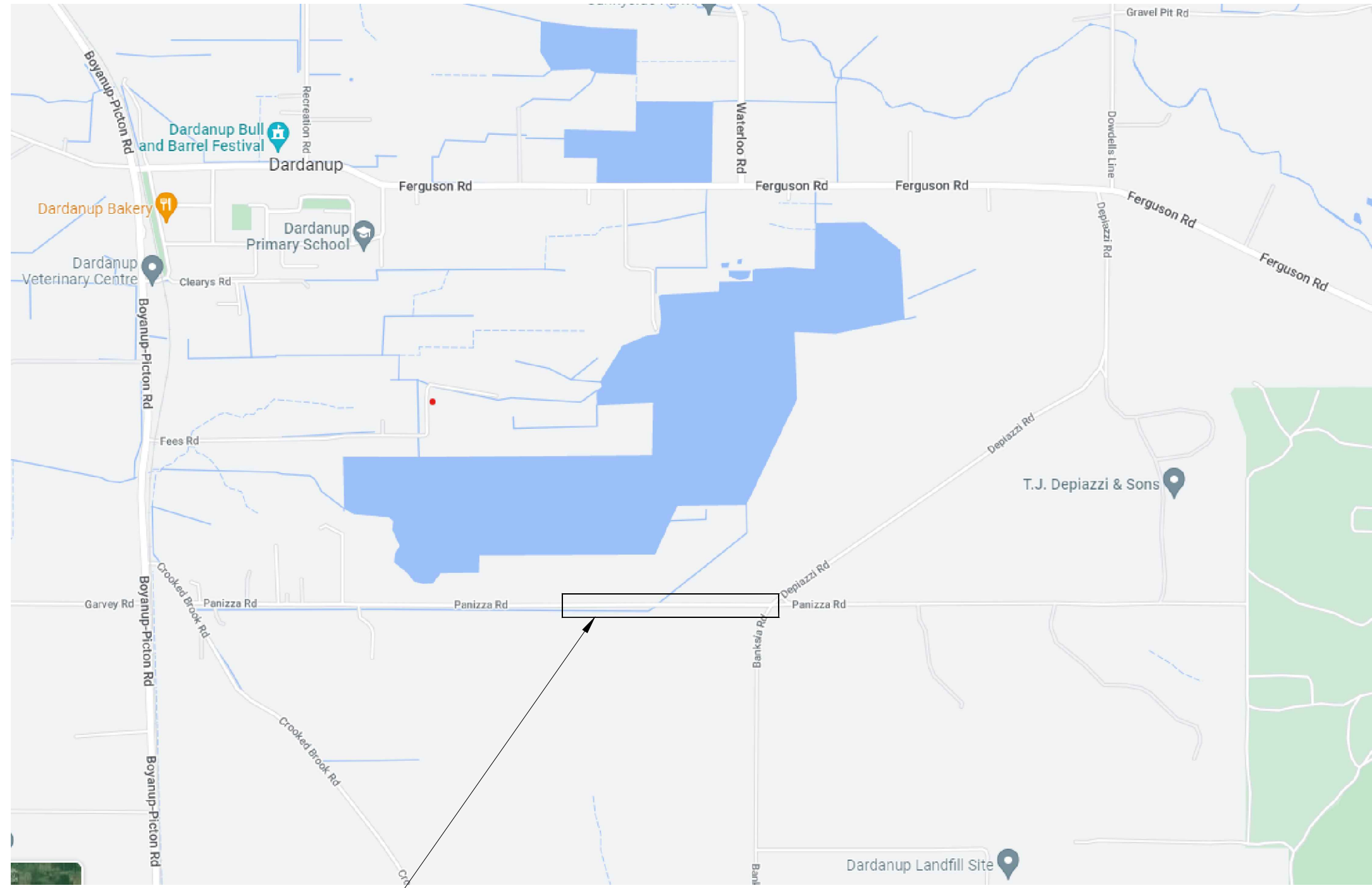
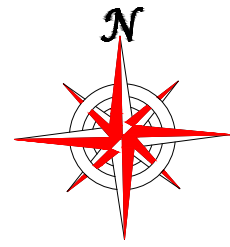
RISK THEME PROFILE:

1 - Asset Sustainability Practices
7 - Environment Management

13 - Project/Change Management

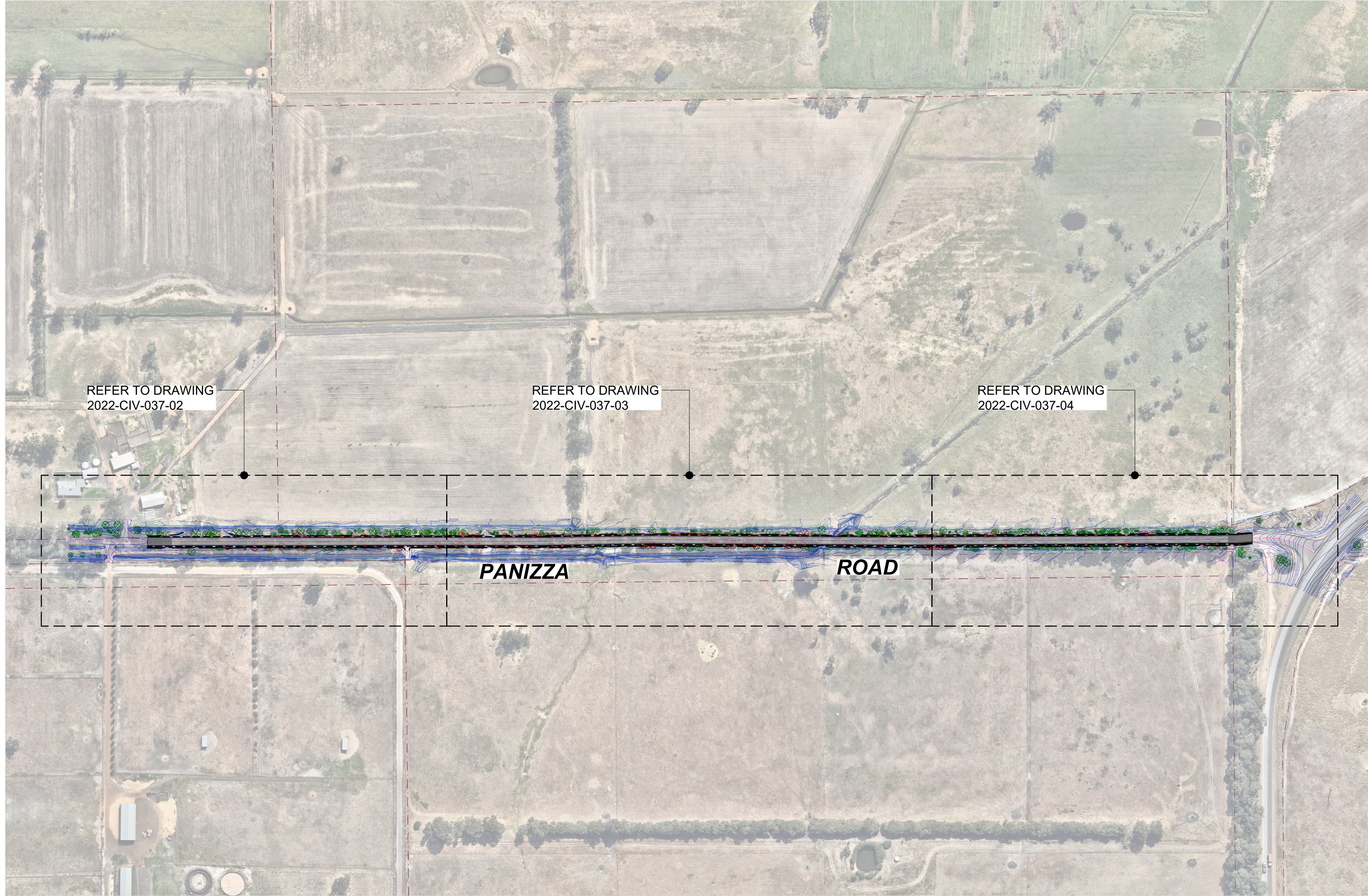
RISK ASSESSMENT CONTEXT: Operational

CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL		
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD	RESIDUAL RISK RATING
HEALTH	Ongoing dust problem if no action taken	Moderate (3)	Likely (4)	High (12 - 19)	Include long term treatment in future program	Minor (2)	Unlikely (2)	Low (1 - 4)
FINANCIAL IMPACT	Ongoing costs for temporary treatments	Moderate (3)	Almost Certain (5)	High (12 - 19)	Ongoing budget provision in future budgets	Minor (2)	Possible (3)	Moderate (5 - 11)
REPUTATIONAL	Customer dissatisfaction with no treatment, wrong treatment or delay in treatment	Moderate (3)	Possible (3)	Moderate (5 - 11)	Manage expectations and decide on a treatment	Minor (2)	Possible (3)	Moderate (5 - 11)
ENVIRONMENT	Clearing Permit required to clear verges for road works	Moderate (3)	Almost Certain (5)	High (12 - 19)	Apply for Clearing Permit and factor into project planning timeframes	Moderate (3)	Possible (3)	Moderate (5 - 11)




WORKS LOCATION

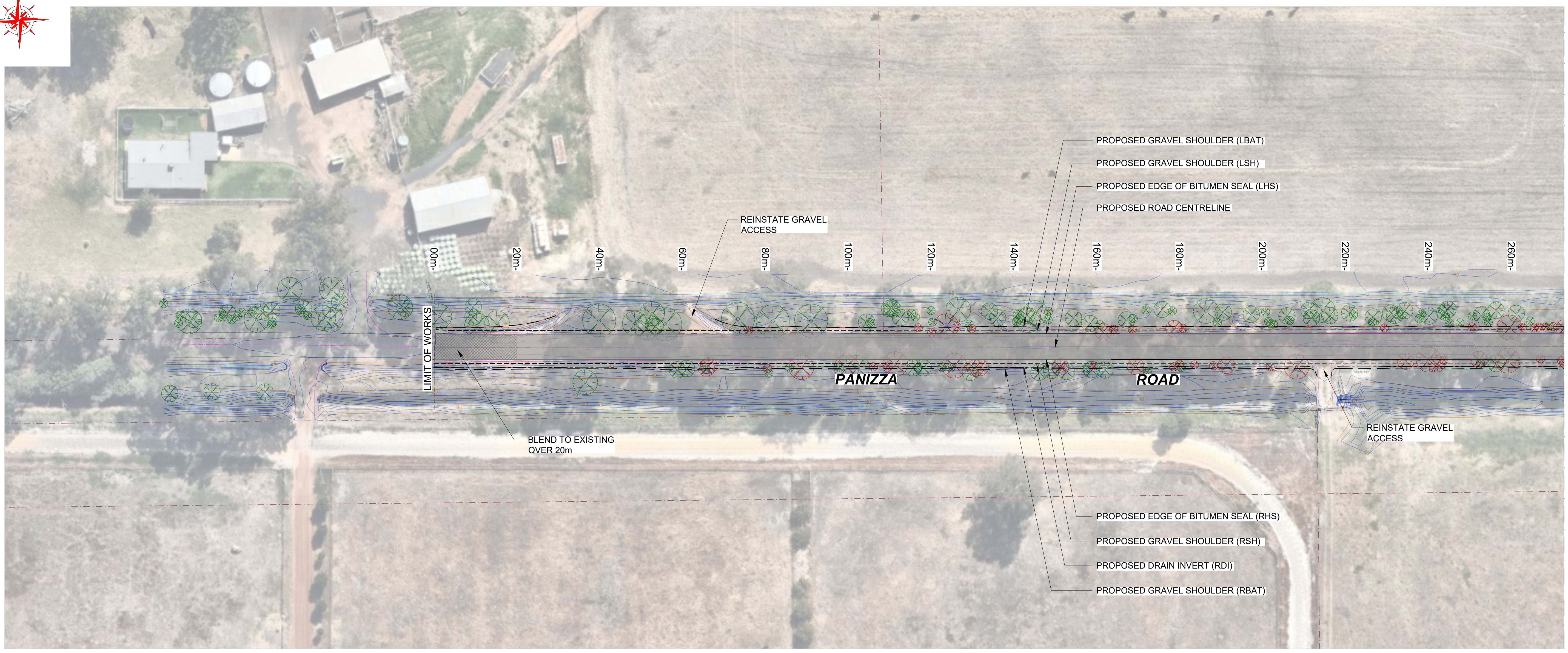
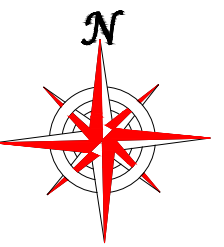
LOCALITY PLAN
NOT TO SCALE



SITE PLAN
NOT TO SCALE



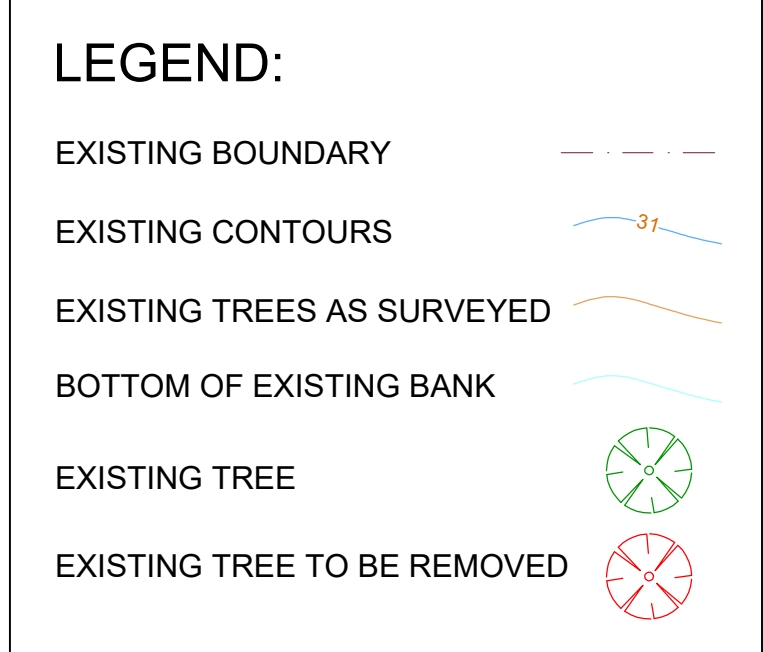
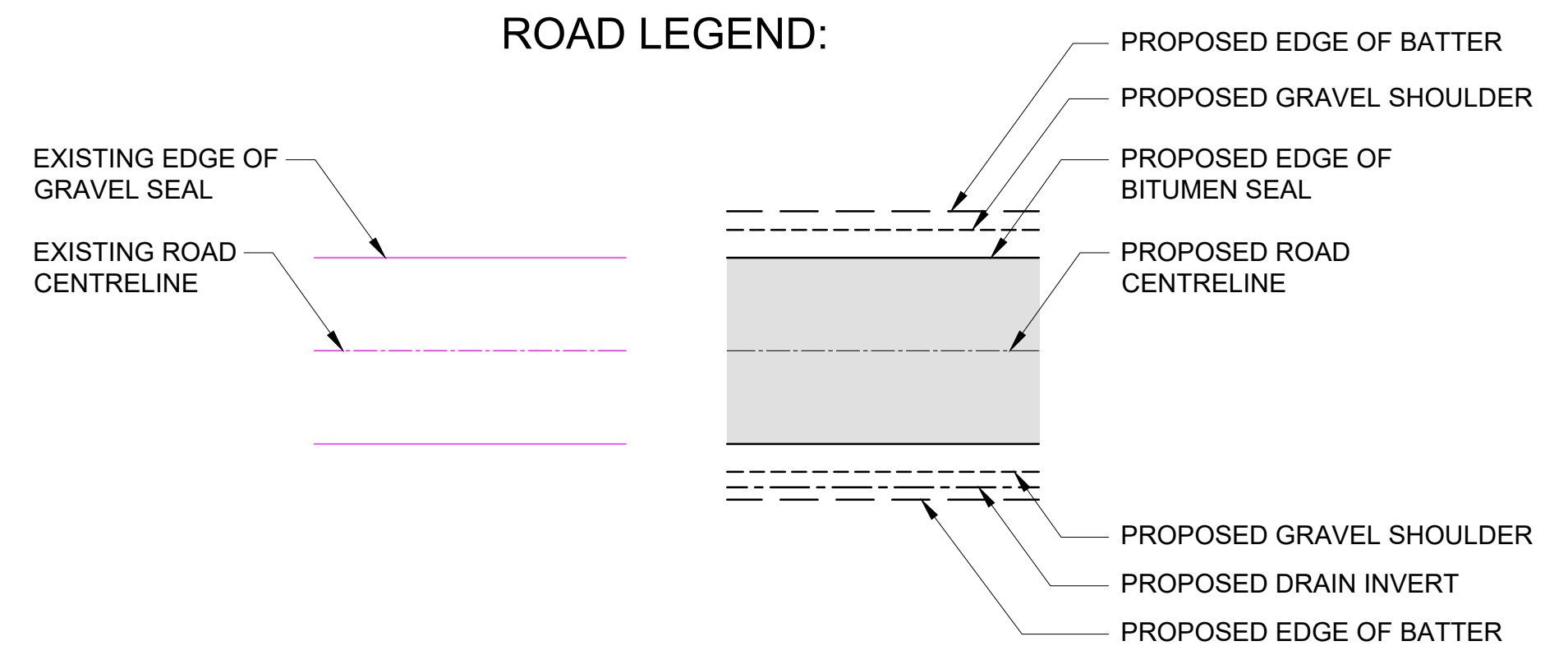
AMENDMENT DESCRIPTION		BY	DATE	APPROVED	REVIEWED FOR CONSTRUCTION	AUTHORISED FOR APPROVAL	APPROVED FOR CONSTRUCTION	DRAWING TITLE	INFRASTRUCTURE			
A	PRELIMINARY	B.B.	04.05.2022					PROPOSED ROAD UPGRADE PANIZZA ROAD, DARDANUP				
					DRAWN B.B.	DRAWN DATE 28.04.2022	TARDIS RECORD NUMBER	LOCALITY AND SITE PLAN	DRAWING NO. 2022-CIV-037-01		Administration Centre Eaton P.O. Box 7017- 1 Council Drive Eaton Western Australia 6232 ABN: 57 305 829 653	
					THIS DRAWING IS AND SHALL REMAIN THE SOLE PROPERTY OF 'THE SHIRE OF DARDANUP'. THE DRAWING MAY ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED, AND MAY NOT BE LENT, SHOWN, COPIED OR OTHERWISE DUPLICATED WITHOUT THE WRITTEN AUTHORISATION OF THE OWNER.			DATUM: AHD GRID SYSTEM: GDA2020		SHEET NO.	SHEET SIZE	Telephone 08 9724 0000 Facsimile 08 9724 0091 Online www.dardanup.wa.gov.au



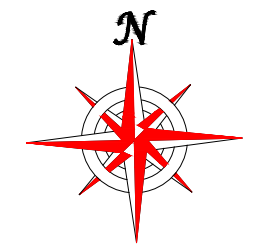
REFER DRAWING 2022-CIV-037-03

MATCH LINE X-X

LAYOUT PLAN - SHEET 1
SCALE 1:500



AMENDMENT DESCRIPTION	BY	DATE	APPROVED	REVIEWED FOR CONSTRUCTION	AUTHORISED FOR APPROVAL	APPROVED FOR CONSTRUCTION	DRAWING TITLE	INFRASTRUCTURE	
A PRELIMINARY	B.B.	04.05.2022					PROPOSED ROAD UPGRADE PANIZZA ROAD, DARDANUP	DRAWING NO. 2022-CIV-037-02	
				DRAWN B.B.	DRAWN DATE 28.04.2022	TARDIS RECORD NUMBER	LAYOUT PLAN - SHEET 1	Shire of Dardanup	
THIS DRAWING IS AND SHALL REMAIN THE SOLE PROPERTY OF THE SHIRE OF DARDANUP. THE DRAWING MAY ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED, AND MAY NOT BE LENT, SHOWN, COPIED OR OTHERWISE DUPLICATED WITHOUT THE WRITTEN AUTHORISATION OF THE OWNER.							Administration Centre Eaton P.O. Box 7017- 1 Council Drive Eaton Western Australia 6232 ABN: 57 305 829 653		Telephone 08 9724 0000 Facsimile 08 9724 0091 Online www.dardanup.wa.gov.au
DATUM.		AHD	GRID SYSTEM		GDA2020	SHEET NO.	SHEET SIZE		

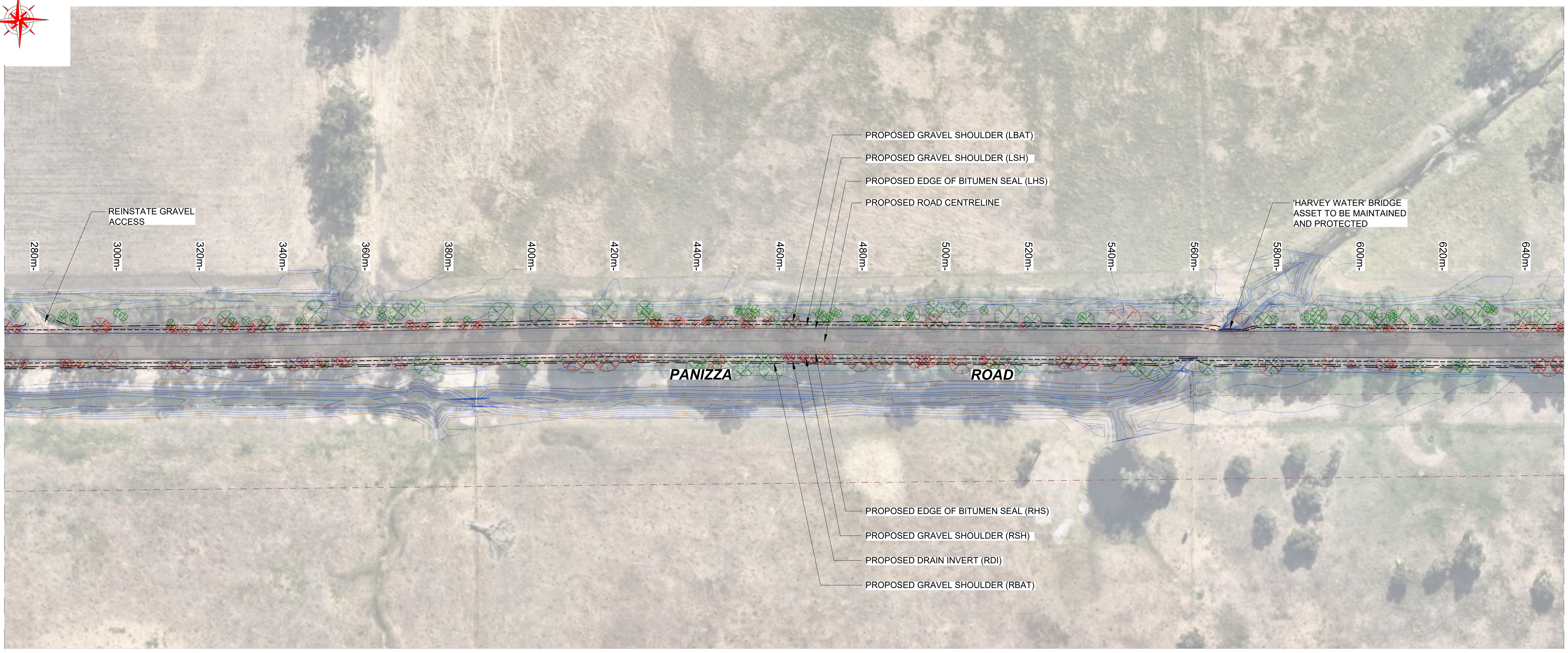


REFER DRAWING 2022-CIV-037-02

MATCH LINE X-X

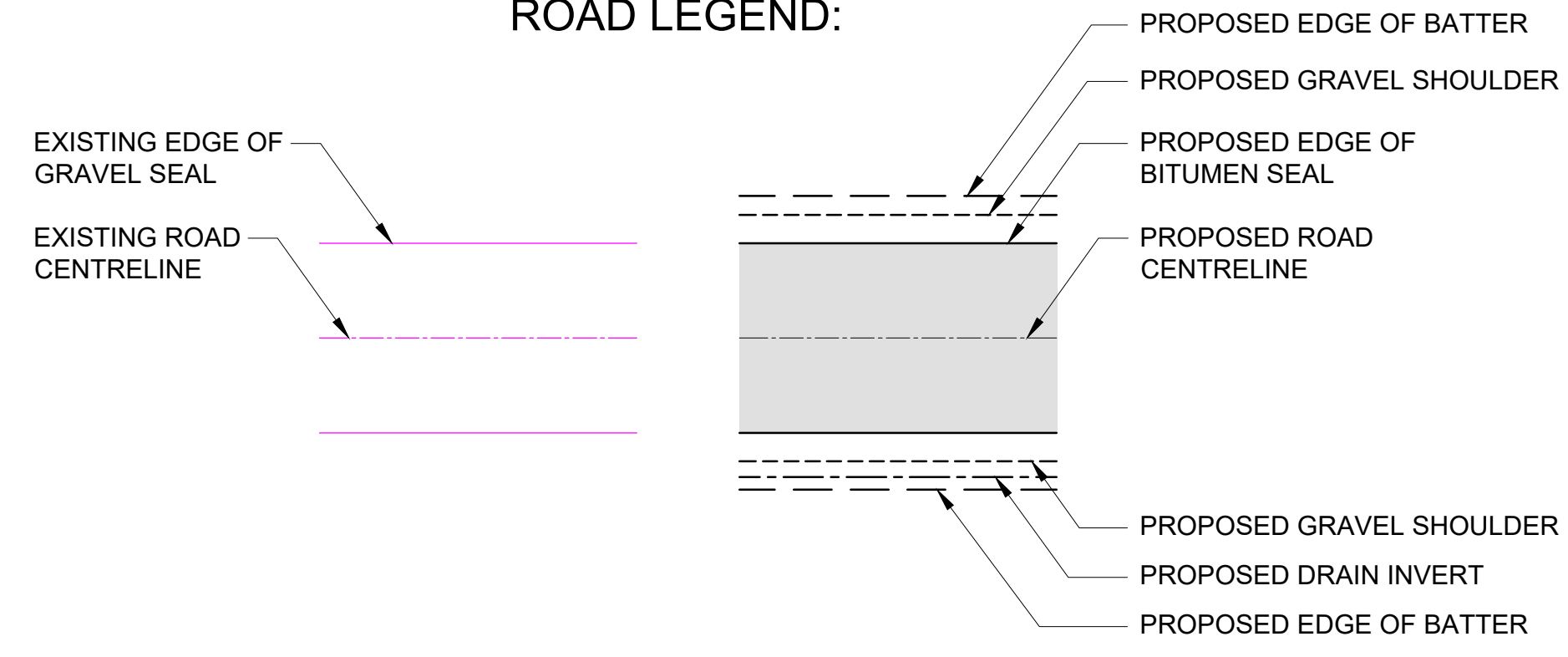
REFER DRAWING 2022-CIV-037-04

MATCH LINE Y-Y

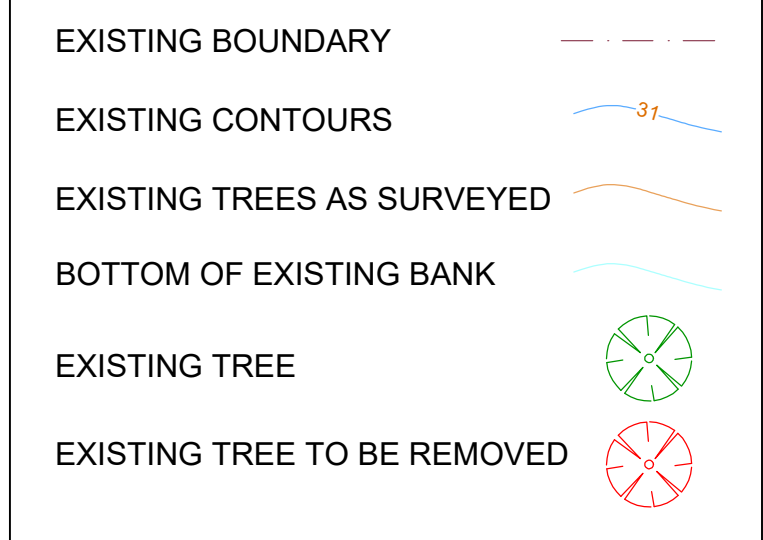


LAYOUT PLAN - SHEET 2
SCALE 1:500

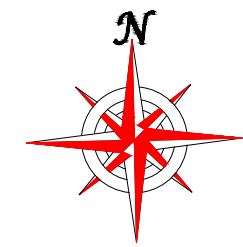
ROAD LEGEND:



LEGEND:

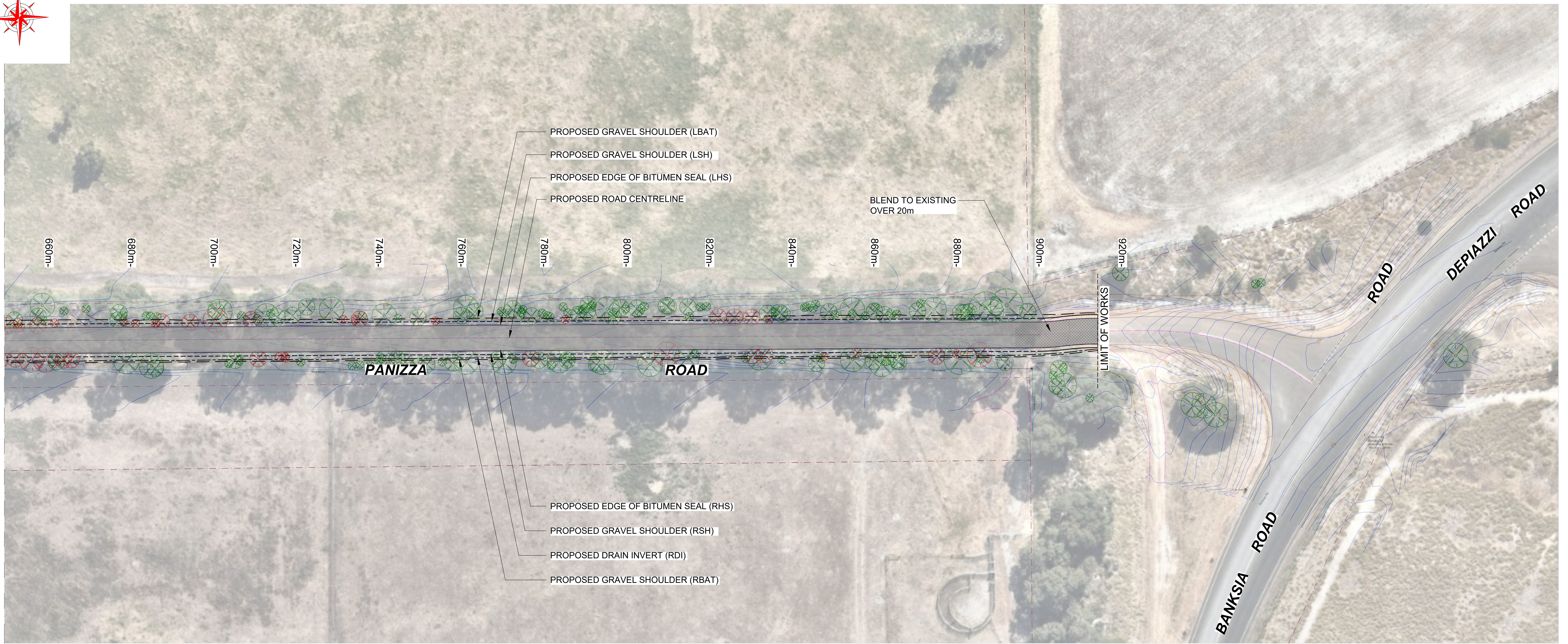


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A PRELIMINARY	B.B.	04.05.2022					PROPOSED ROAD UPGRADE PANIZZA ROAD, DARDANUP	2022-CIV-037-03	
				DRAWN B.B.	DRAWN DATE 28.04.2022	TARDIS RECORD NUMBER	LAYOUT PLAN - SHEET 2	DRAWING NO.	
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DATUM		AHD	SHEET NO.		SHEET SIZE		Shire of Dardanup		
GRID SYSTEM		GDA2020					Administration Centre Eaton P.O. Box 7017- 1 Council Drive Eaton Western Australia 6232 ABN: 57 305 829 653		
		Telephone 08 9724 0000		Facsimile 08 9724 0091		Online www.dardanup.wa.gov.au			



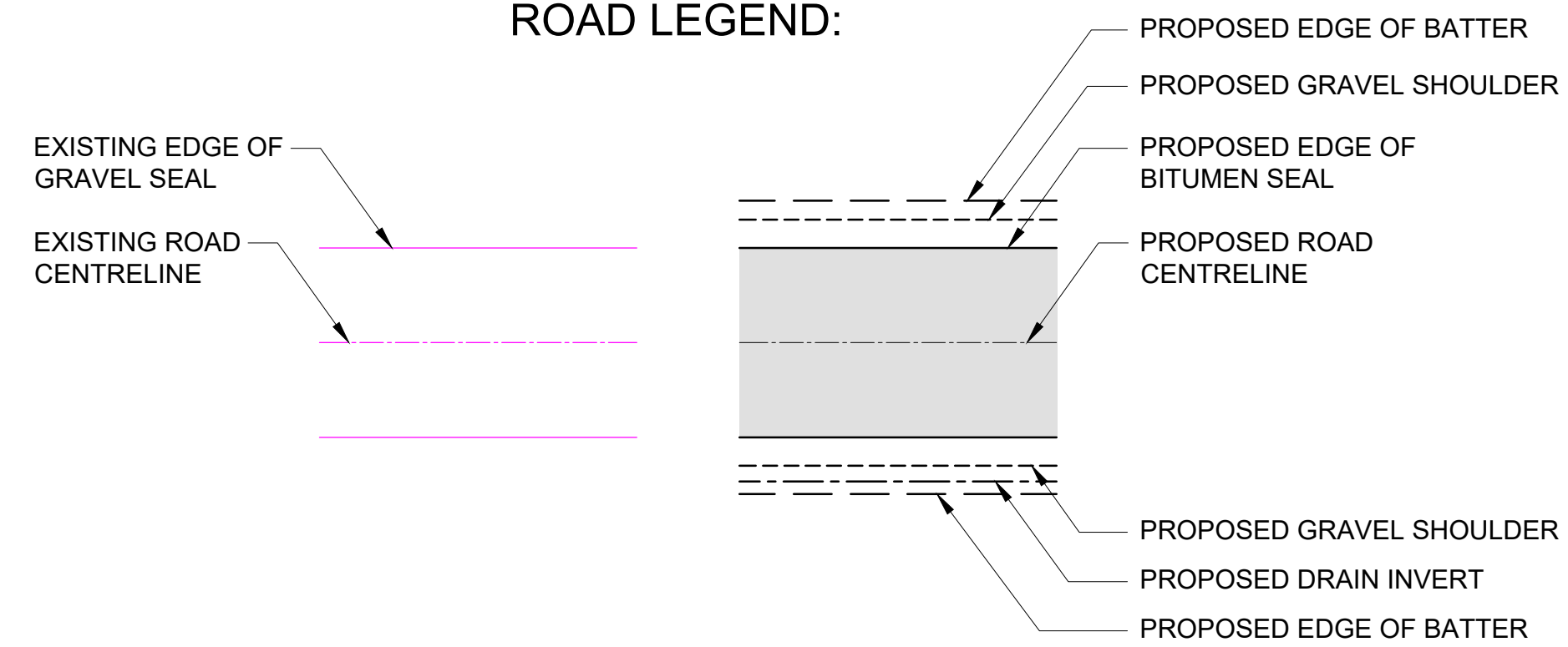
REFER DRAWING 2022-CIV-037-03

MATCH LINE Y-Y

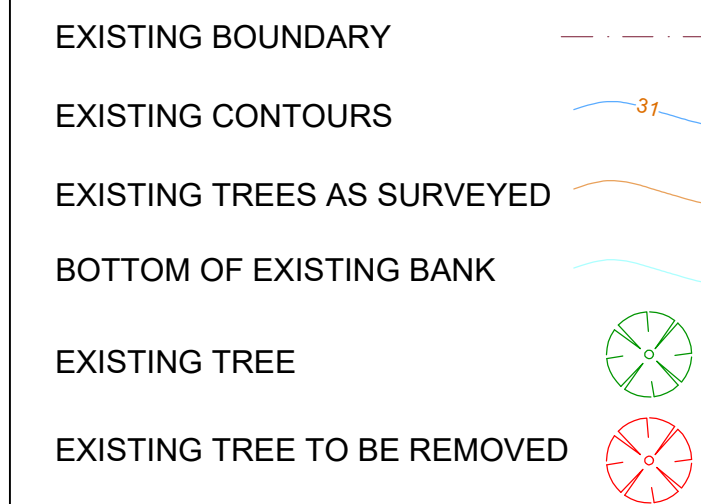


LAYOUT PLAN - SHEET 3
SCALE 1:500

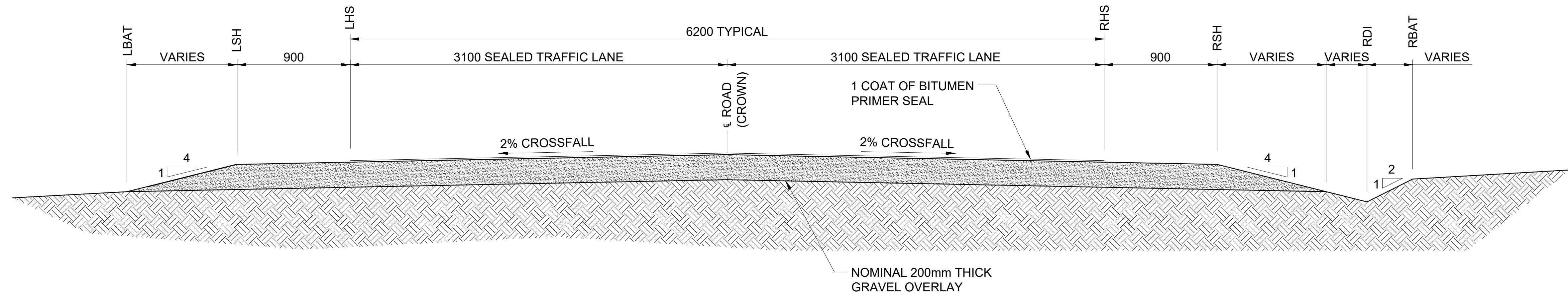
ROAD LEGEND:



LEGEND:



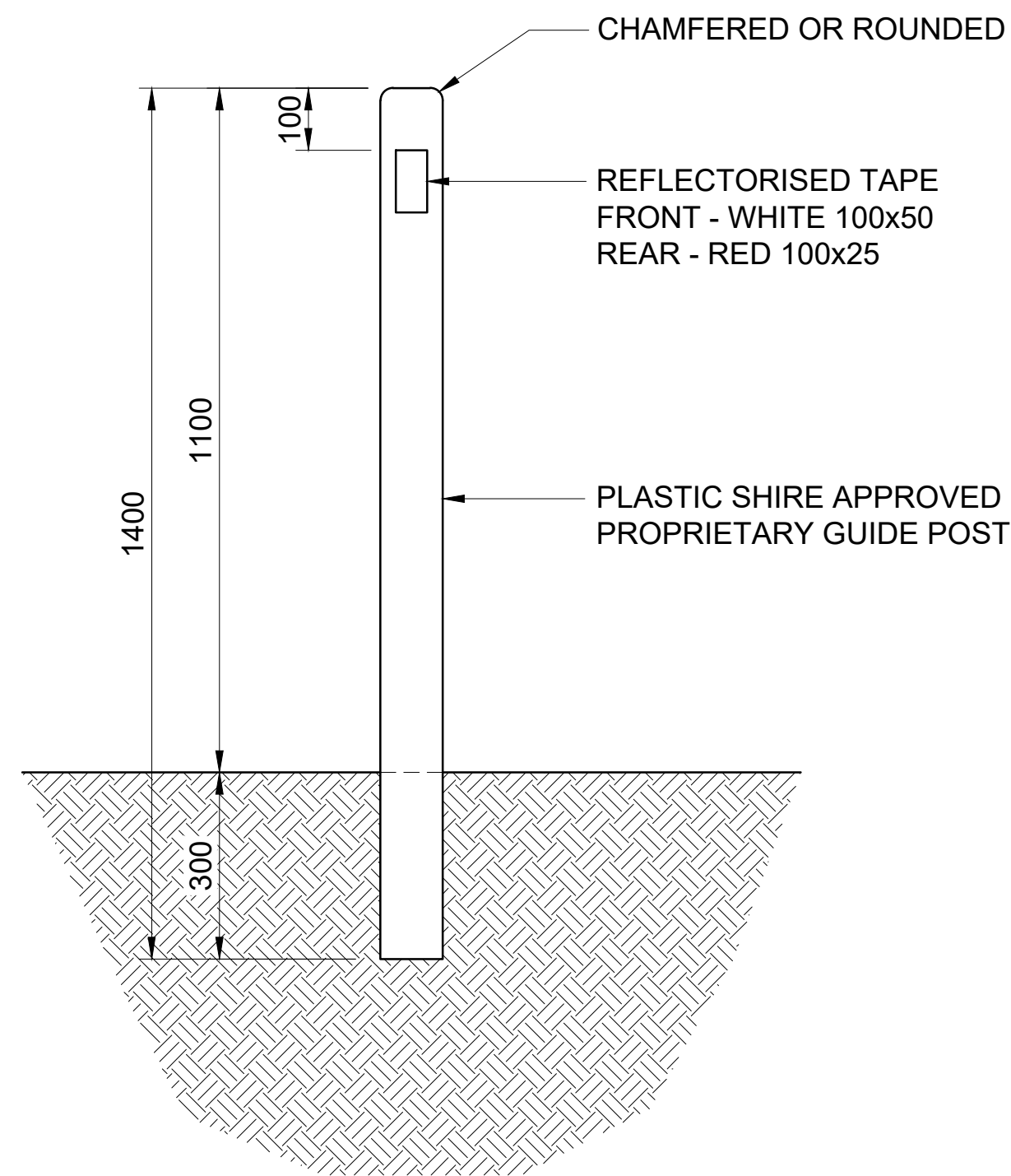
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A PRELIMINARY	B.B.	04.05.2022					PROPOSED ROAD UPGRADE PANIZZA ROAD, DARDANUP	DRAWING NO. 2021-CIV-037-04	
				DRAWN B.B.	DRAWN DATE 28.04.2022	TARDIS RECORD NUMBER	LAYOUT PLAN - SHEET 3	Shire of Dardanup	
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DATUM: AHD		GRID SYSTEM: GDA2020		SHEET NO.		SHEET SIZE			



TYPICAL ROAD CROSS SECTION

SCALE 1:20

NOTE:
 PROVIDE NOMINAL 200mm THICK PAVEMENT OVERLAY ON EXISTING PAVEMENT WHERE EXISTING PAVEMENT IS IN GOOD CONDITION. TOTAL PAVEMENT THICKNESS (OVERLAY + EXISTING) SHALL BE MINIMUM 300mm. IF TOTAL PAVEMENT THICKNESS IS LESS THAN 300mm, BOX OUT AS REQUIRED TO ACHIEVE MINIMUM 300mm DEEP PAVEMENT.



TYPICAL GUIDE POST DETAIL

SCALE 1:10

NOTE:
 BLUE GUIDE POSTS TO MARK LATERAL CULVERT LOCATIONS. GUIDE POSTS TO BE WHITE IN COLOUR EXCEPT FOR PLACEMENT OF EITHER SIDE OF ALL CULVERTS, CROSSOVERS & AT KERB TERMINI. AT 150m SPACING ON STRAIGHTS, 30m SPACING ON CURVES, GUIDE POSTS SHALL, UNLESS SHOWN OTHERWISE, BE ERECTED ON THE R.H.S. AS SEEN BY APPROACHING TRAFFIC. DELINEATORS SHALL BE PLACED WITH RED ON THE L.H.S. AND WHITE

GENERAL NOTES:

- 1) AN APPROVED TRAFFIC MANAGEMENT PLAN IS TO BE PREPARED PRIOR TO THE COMMENCEMENT OF WORKS.
- 2) CONFIRM LOCATION OF ALL SERVICES PRIOR TO COMMENCEMENT OF WORKS. SHOULD ANY SERVICE CLASHES BECOME EVIDENT, NOTIFY THE SUPERVISOR IMMEDIATELY.
- 3) DO NOT SCALE FROM DRAWINGS. IF IN DOUBT, ASK.
- 4) THESE DRAWINGS DO NOT DEFINE PROPERTY BOUNDARIES.
- 5) ENSURE WORKSITE IS LEFT CLEAN AND TIDY.

EARTHWORKS NOTES:

- 1) PRIOR TO UNDERTAKING OF BULK EARTHWORKS, TOPSOIL AND ANY VEGETABLE MATTER IS TO BE STRIPPED AND REMOVED FROM SITE.
- 2) ANY SOFT SPOTS OR POOR SUBGRADES ENCOUNTERED ARE TO BE INVESTIGATED AND REMEDIAL TREATMENT APPLIED AS DIRECTED BY WORKS SUPERVISOR.
- 3) ALL EARTHWORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION AND/OR COUNCIL REQUIREMENTS.
- 4) ALL FILL MATERIAL IS TO BE CLEAN AND FREE OF ANY VEGETABLE MATTER.
- 5) FILL SHALL BE COMPACTED IN MAX. 200mm LOOSE THICKNESS LAYERS TO DENSITIES AS SPECIFIED.
- 6) FINISHED EARTHWORKS LEVELS ARE TO BE GRADED EVENLY BETWEEN DESIGN SPOT HEIGHTS AND STRINGS.

ROAD & DRAINAGE CONSTRUCTION NOTES:

- 1) UNDERTAKE ALL ROAD AND DRAINAGE CONSTRUCTION WORKS TO REQUIREMENTS OF DRAWINGS & SPECIFICATIONS AND/OR COUNCIL REQUIREMENTS.
- 2) DO NOT DISTURB VEGETATION OR TREES THAT ARE TO REMAIN.
- 3) NEW DRAINAGE CULVERTS ARE TO INCLUDE PROVISION OF PRECAST HEADWALLS AS PER TYPICAL DETAIL SHEET.
- 4) DOWNSTREAM SIDE OF CULVERTS ARE TO BE GRADED OUT INTO ADJACENT ROAD VERGE AND/OR FARMLAND (WITH PERMISSION OF LANDOWNER) TO ENABLE FREE FLOW OF WATER FROM CULVERT.
- 5) THE CONTRACTOR IS TO ENSURE THAT ALL ROADSIDE DRAINAGE IS FREE FLOWING AND THERE IS NO PONDING OF WATER ALONG THE ROAD FORMATION.



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				DATUM: AHD GRID SYSTEM: GDA2020		SHEET NO.		SHEET SIZE	
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