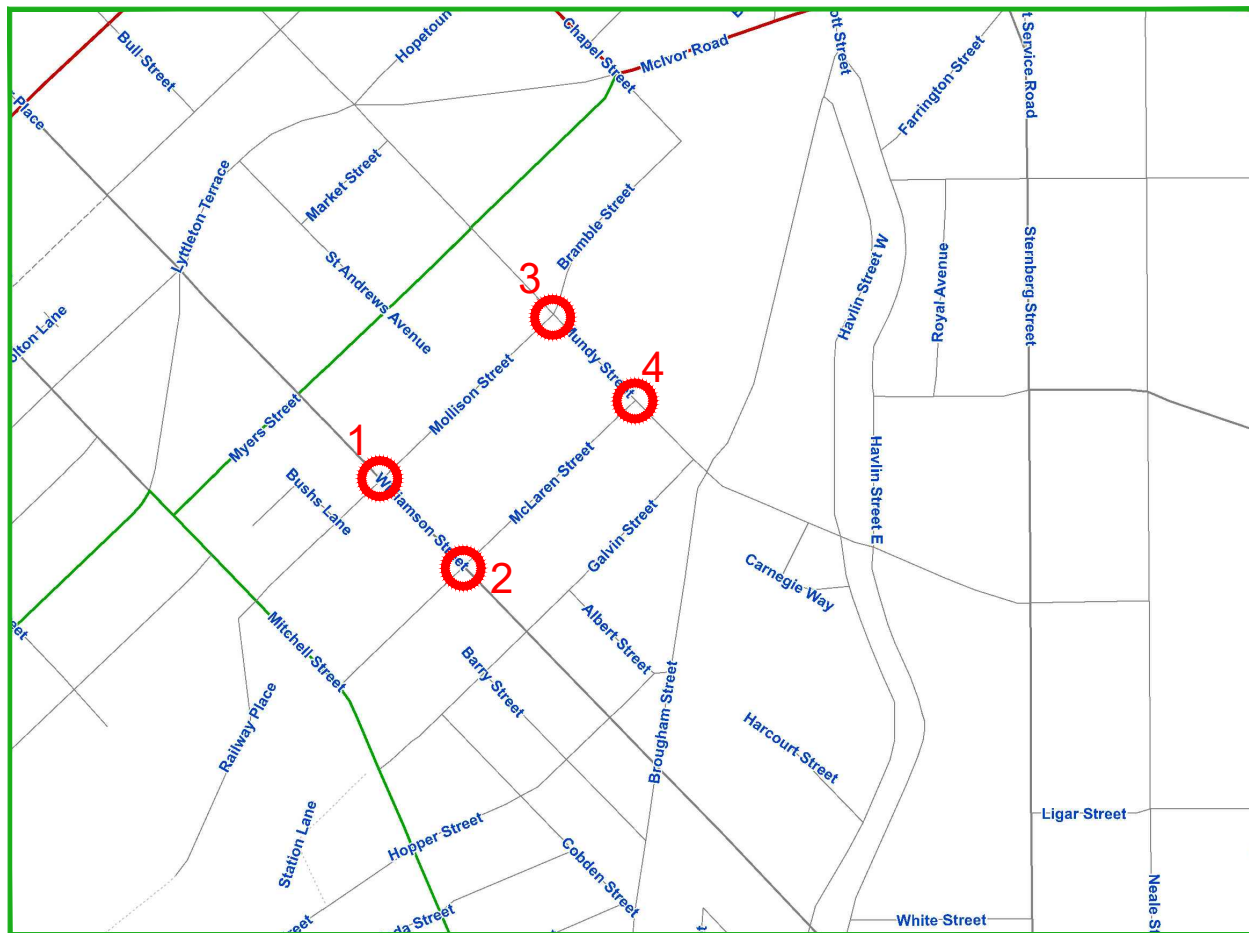


WILLIAMSON STREET, MOLLISON STREET, MUNDY STREET & MCLAREN STREET BENDIGO

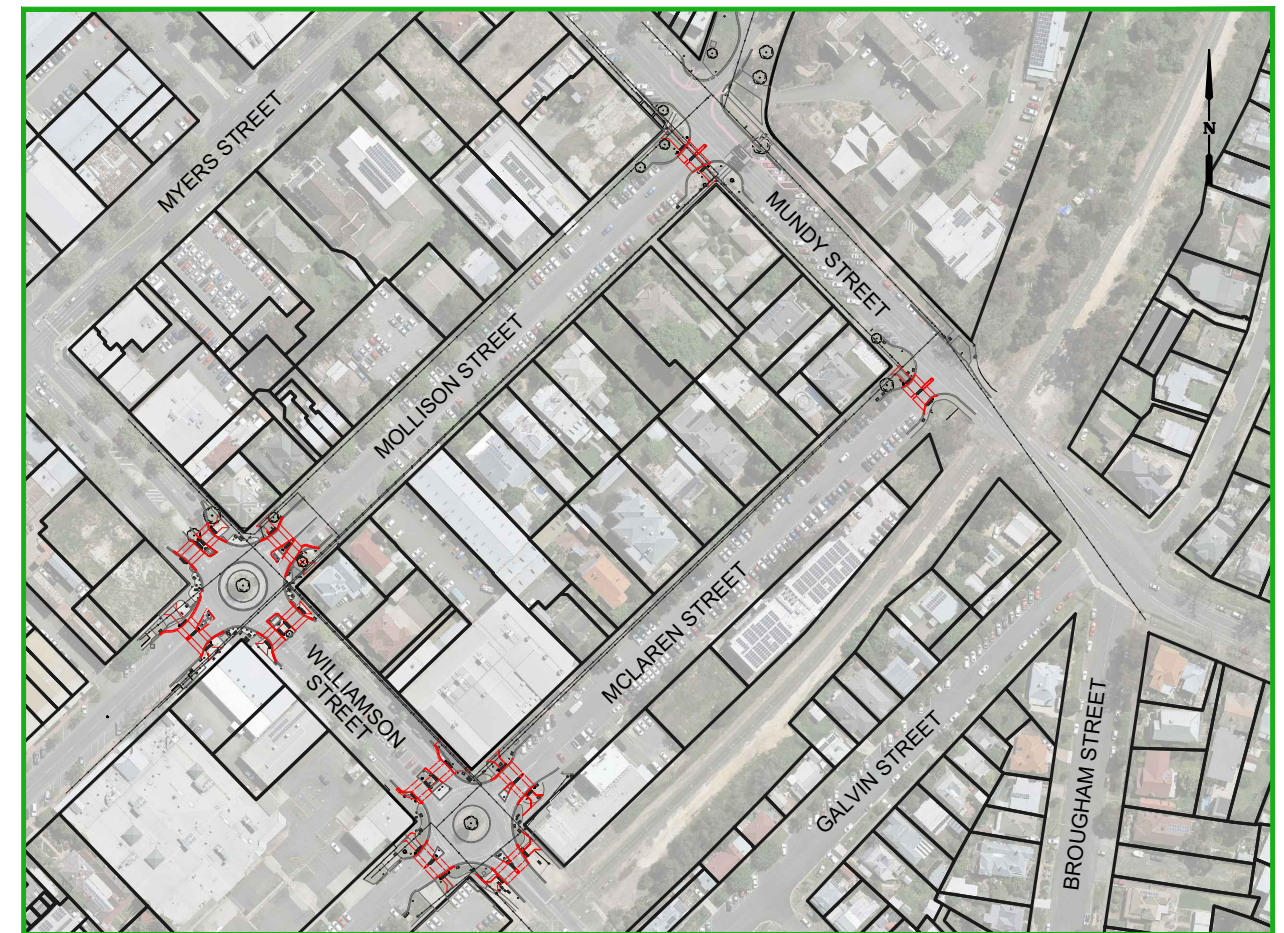
GB5110

BLACKSPOT - RAISED CROSSINGS JANUARY 2024

DOCUMENT CONTROL				
SHEET No.	SHEET ESC.	02/01/2024	xx/xx/xx	xx/xx/xx
		DRAFT REVISION	TENDER REVISION	CONSTRUCTION REVISION
1	COVER SHEET	-	-	-
2	GENERAL NOTES	-	-	-
3	PROJECT OVERVIEW & CONTROL	-	-	-
4	INTERSECTION 1: DEMOLITION PLAN	-	-	-
5	INTERSECTION 1: DETAIL PLAN	-	-	-
6	INTERSECTION 1: SIGNAGE, LINEMARKING & LIGHTING	-	-	-
7	INTERSECTION 1: LONG SECTIONS	-	-	-
8	INTERSECTION 2: DEMOLITION PLAN	-	-	-
9	INTERSECTION 2: DETAIL PLAN	-	-	-
10	INTERSECTION 2: SIGNAGE, LINEMARKING & LIGHTING	-	-	-
11	INTERSECTION 2: LONG SECTIONS	-	-	-
12	INTERSECTION 3: DEMOLITION PLAN	-	-	-
13	INTERSECTION 3: DETAIL PLAN	-	-	-
14	INTERSECTION 3: SIGNAGE, LINEMARKING & LIGHTING	-	-	-
15	INTERSECTION 3: LONG SECTIONS	-	-	-
16	INTERSECTION 4: DEMOLITION PLAN	-	-	-
17	INTERSECTION 4: DETAIL PLAN	-	-	-
18	INTERSECTION 4: SIGNAGE, LINEMARKING & LIGHTING	-	-	-
19	INTERSECTION 4: LONG SECTIONS	-	-	-
20	DRAINAGE LONG SECTIONS	-	-	-
21	DRAINAGE LONG SECTIONS	-	-	-
22	DRAINAGE LONG SECTIONS	-	-	-



LOCALITY MAP



PROJECT EXTENTS

APPROVAL TO CONSTRUCT STAMP	DO NOT CONSTRUCT WITHOUT STAMP
-----------------------------	--------------------------------

PROJECT PLANNING REQUIREMENTS			
Item	Required	Comments	Contractor
Vegetation	No	-	
RRV	Yes	-	
CMA	No	-	
Planning Permit	No	-	
Land Acquisition	No	-	
CHMP	No	-	
Other	No	-	



PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
COVER SHEET		Sheet number:	1 of 22
		Plan Scale:	- A3
Plotted: 06/03/2024 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-

CONSTRUCTION SPECIFICATIONS

All construction undertaken by, or on behalf of, The City of Greater Bendigo (CoGB) shall be undertaken in accordance with all DTP/Vicroads 200-700 series of Standard Specifications.

Compliance with the specifications to the satisfaction of the project Superintendent is required before a project can meet Practical Completion.

Sections of the DTP/Vicroads 200-700 series of standard specifications which are of particular relevance for this project include:

ASPHALT AND SURFACE TREATMENTS

407 Dense Graded Asphalt

INCIDENTAL CONSTRUCTION

- 701 Underground Stormwater Drains
- 703 General Concrete Paving
- 704 Precast Concrete Kerb
- 705 Drainage Pits and Covers
- 706 Installation or Replacement of Utility Infrastructure within Road Reserves
- 714 Sign Installation
- 721 Pavement Markings
- 731 Road Lighting Installation

MATERIAL SPECIFICATIONS

FOR WORKS DEPARTMENT

All materials used in construction projects undertaken by the CoGB Works department shall be compliant with the specifications set out in the relevant CoGB material panel supply contract.

Where panel supply contract information is not available, material specifications shall be sought from and supplied by the CoGB Engineering Department, and all materials used in construction must comply with those specifications.

FOR EXTERNAL CONSULTANTS (inc. consultants engaged by the Works Dept.)

All materials used by external contractors engaged to undertake CoGB construction projects, or components thereof, shall be as per the material specification supplied within the instrument of engagement (Quote, Tender or Contract), or as per written instruction from the project Superintendents.

PROJECT PLANNING REQUIREMENTS

Permits and approvals

1. Project permits and approvals which were required to be obtained prior to construction are listed in the below table
2. Construction activities must be compliant with all conditions within the listed permits and approvals.

PROJECT PLANNING REQUIREMENTS			
Item	Required	Comments	Contractor
Vegetation	No	-	
RRV	Yes	-	
CMA	No	-	
Planning Permit	No	-	
Land Acquisition	No	-	
CHMP	No	-	
Other	No	-	

GENERAL NOTES

STANDARD DRAWINGS

Standard Drawings that are referenced within the design drawings are noted as 'SD', and are sourced from 3 locations. They are available for download online or from the project superintendent:

1. 'CoGB SD' are sourced from the City of Greater Bendigo
<https://www.bendigo.vic.gov.au/Services/Roads-and-Drainage/Roads/Construction-standards>
2. 'IDM SD' are sourced from the Infrastructure Design Manual
<https://www.designmanual.com.au/>
3. 'Vicroads SD' are sourced from Vicroads
<https://www.vicroads.vic.gov.au/business-and-industry/technical-publications/technical-drawings-for-roadworks/standard-drawings-for-roadworks>

SERVICES SHOWN ON PLANS AND DURING CONSTRUCTION

- The location of underground services shown on design drawings have been derived from available information. Accuracy can not be guaranteed and should therefore be treated as indicative only.
- Gas and water property services are not located or shown on design drawings. It is the contractors responsibility to locate and alter these services as required to achieve the project design.
- Prior to undertaking construction activities, exact service locations must be arranged and marked onsite.
- The contractor will be held responsible for any damage caused to services.
- All service pit lids or valve covers within the works area are to be raised or lowered to match the design surface level to the relevant authority standards, unless noted otherwise on the construction plans, or by approval from the superintendent.
- Any service authority marker post found within the works area is to be relocated adjacent to their current position to a point 150mm offset from the nearest property boundary.
- Any PSM covers affected during works are to be renewed to CoGB SD293 unless noted otherwise, or by approval from the superintendent.

DRAINAGE

- Any private storm water pipes discovered during works are to be plumbed to the nearest CoGB drainage pit, or with approval from the superintendent, to the nearest kerb or pipe

CONSTRUCTION MANAGEMENT GUIDANCE

OCCUPATIONAL HEALTH AND SAFETY

Delivery units shall consider appropriate management of occupational health and safety, and develop management plans compliant with ISO45001, and the City of Greater Bendigo integrated management system prior to any works beginning onsite

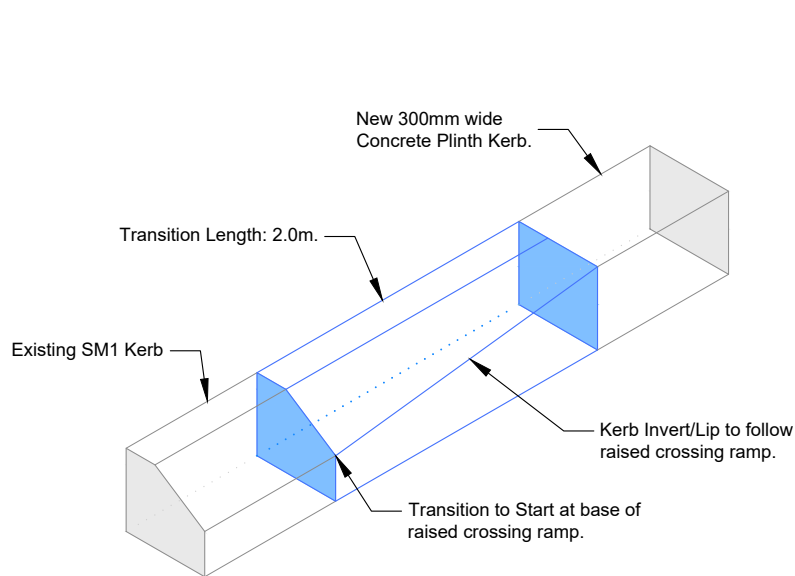
SITE ENVIRONMENTAL MANAGEMENT PLAN

A Site Environmental Management Plan (SEMP) is to be developed by delivery units to manage the project site during the project delivery window. Consideration shall be given to appropriate management of the following, with a SEM Plan filled out and displayed onsite at all times:

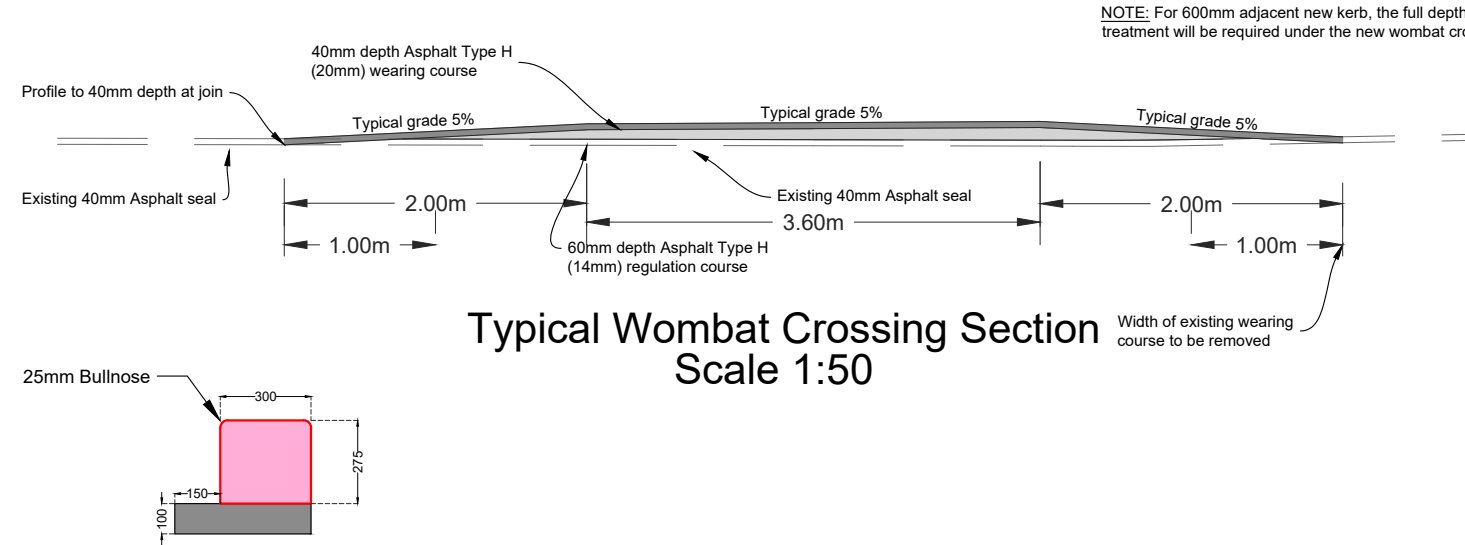
- Communication and induction for staff, contractors and sub contractors
- Communication with appropriate adjacent residents/businesses
- Noise and Vibration
- Dust and contamination
- Chemicals
- Erosion and sediment
- Waste
- Vehicle and roadside management
- Vegetation, with particular focus on any relevant permit conditions and AS4970
- Heritage, with particular focus on any relevant permit conditions

TRAFFIC MANAGEMENT PLAN

Where appropriate and prior to any works starting on site, delivery units must organise a AS1742.3 compliant traffic management plan, and have it approved by the relevant road authority.



Transition Detail: SM1 - Plinth
SCALE 1:25



Typical Wombat Crossing Section
Scale 1:50

Standard Notes:

1. All constructed kerb adjacent raised crossings to be B1 style kerb, unless otherwise noted on plan sheets.
2. Kerb colour to match existing kerb colour.
 - 2.1. Existing white kerb - New white kerb
 - 2.2. Existing black/bluestone kerb - New black kerb
3. Raised Crossings walking surface to be 100mm higher than road pavement.
 - 3.1. If there is a crest in the road, the raised crossing will have a crest.
4. All Footpaths to have 2x2m splays when connecting into existing paths, unless otherwise noted.



IMPORTANT!
The location of underground services have been derived from available information, however accuracy cannot be guaranteed. All existing service information should therefore be treated as indicative only, and service locations must be arranged prior to commencement of any excavation. The contractor will be held responsible for any damage caused to underground services.

SURVEY NOTES
Survey has been conducted to:
- MGA 2020 and orientated via (PMx & PMy... or via GPS)
- Survey level has been tied to AHD via PMz or via GPS

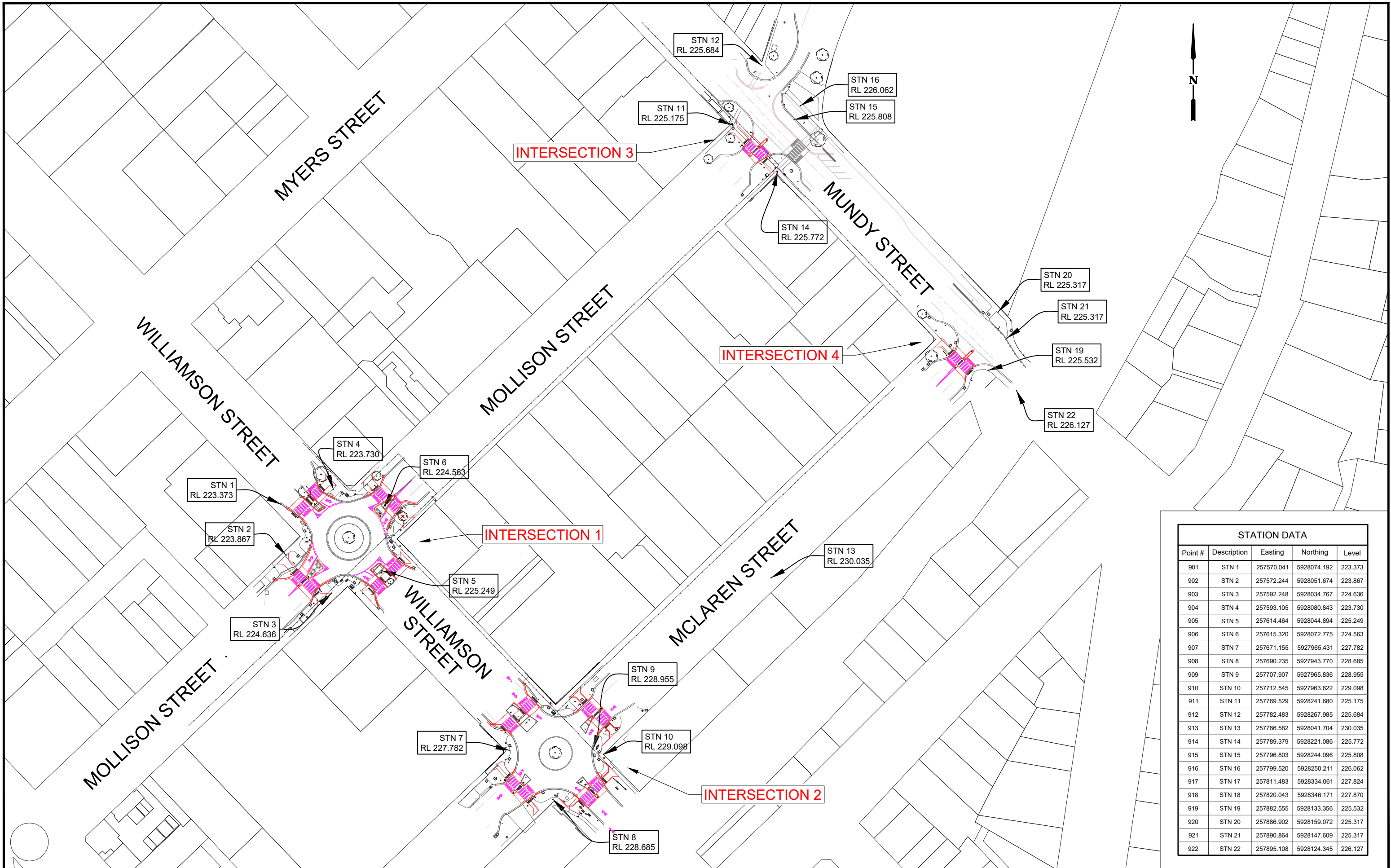


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
GENERAL NOTES		Sheet number:	2 of 22
		Plan Scale:	AS SHOWN A3
Plotted: 06/03/2024 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



STATION DATA				
Point #	Description	Easting	Northing	Level
901	STN 1	257570.041	5928074.192	223.373
902	STN 2	257572.244	5928051.674	223.867
903	STN 3	257592.248	5928034.767	224.636
904	STN 4	257593.105	5928080.843	223.730
905	STN 5	257614.464	5928044.894	225.249
906	STN 6	257615.320	5928072.775	224.563
907	STN 7	257671.155	5927965.431	227.782
908	STN 8	257690.235	5927943.770	228.685
909	STN 9	257707.907	5927965.836	228.955
910	STN 10	257712.545	5927963.622	229.098
911	STN 11	257769.529	5928241.680	225.175
912	STN 12	257782.483	5928267.985	225.684
913	STN 13	257786.582	5928041.704	230.035
914	STN 14	257789.379	5928221.086	225.772
915	STN 15	257796.803	5928244.096	225.808
916	STN 16	257799.520	5928250.211	226.062
917	STN 17	257811.483	5928334.061	227.824
918	STN 18	257820.043	5928346.171	227.870
919	STN 19	257882.555	5928133.356	225.532
920	STN 20	257886.902	5928159.072	225.317
921	STN 21	257890.864	5928147.609	225.317
922	STN 22	257895.108	5928124.345	226.127

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS

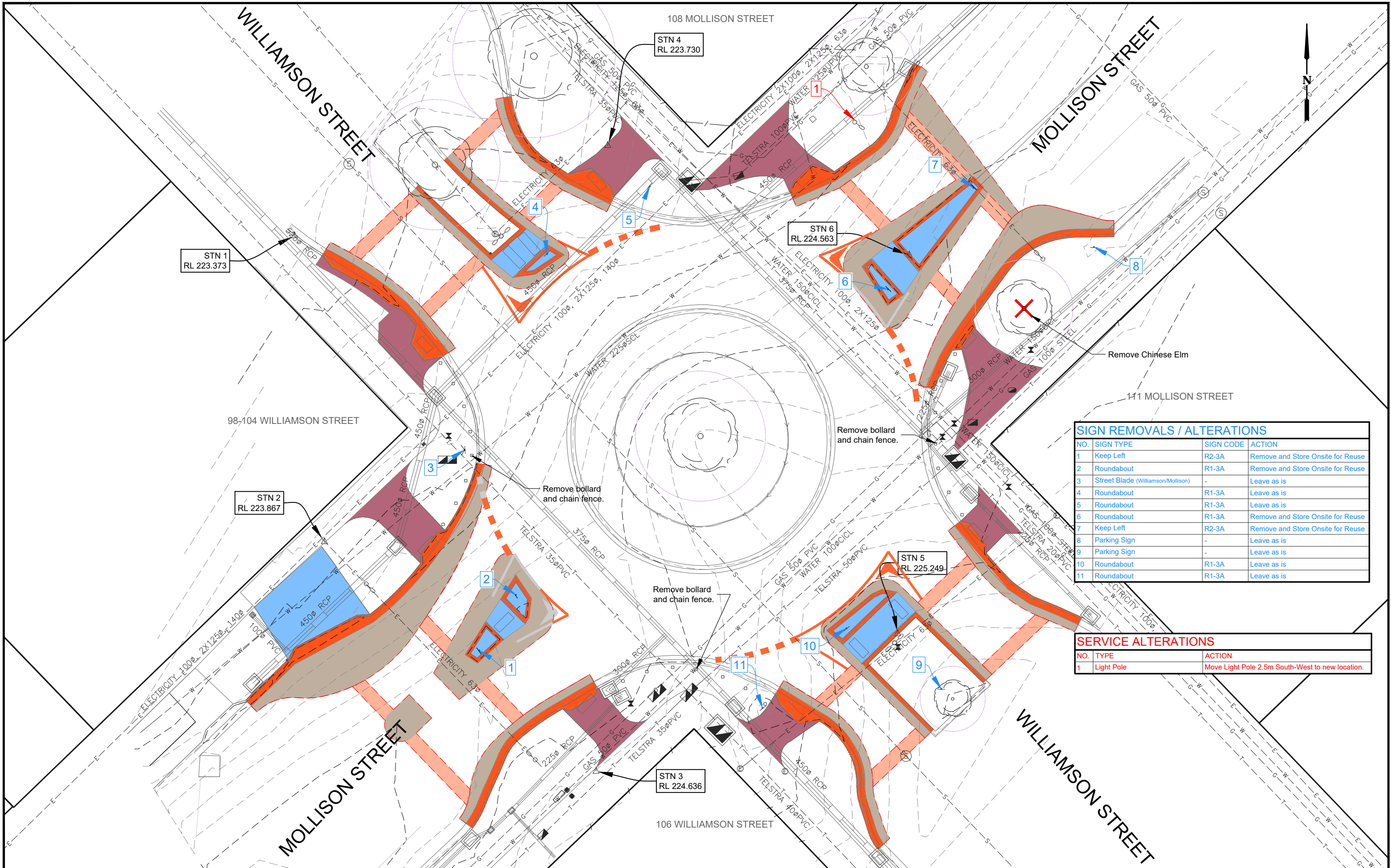
Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
 Works: BLACKSPOT - RAISED CROSSINGS
 GB No: GB5110

SHEET DETAILS

PROJECT OVERVIEW & CONTROL

Sheet number: 3 of 22
 Plan Scale: 1:1500
 Plotted: 06/03/2024 By: Bayley Janssen

Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



SIGN REMOVALS / ALTERATIONS

NO.	SIGN TYPE	SIGN CODE	ACTION
1	Keep Left	R2-3A	Remove and Store Onsite for Reuse
2	Roundabout	R1-3A	Remove and Store Onsite for Reuse
3	Street Blade (Williamson/Mollison)	-	Leave as is
4	Roundabout	R1-3A	Leave as is
5	Roundabout	R1-3A	Leave as is
6	Roundabout	R1-3A	Remove and Store Onsite for Reuse
7	Keep Left	R2-3A	Remove and Store Onsite for Reuse
8	Parking Sign	-	Leave as is
9	Parking Sign	-	Leave as is
10	Roundabout	R1-3A	Leave as is
11	Roundabout	R1-3A	Leave as is

SERVICE ALTERATIONS

NO.	TYPE	ACTION
1	Light Pole	Move Light Pole 2.5m South-West to new location.

LEGEND

- Removal: Pavement
- Removal: Asphalt Footpath
- Removal: Pavers
- Removal: Linemarking
- Removal: Kerb
- Removal: Bluestone Kerb / Garden Edging
- X Removal: Tree
- Removal: Sawcut
- Removal: Pipe
- Removal: Concrete
- Removal: 40mm Asphalt



PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS

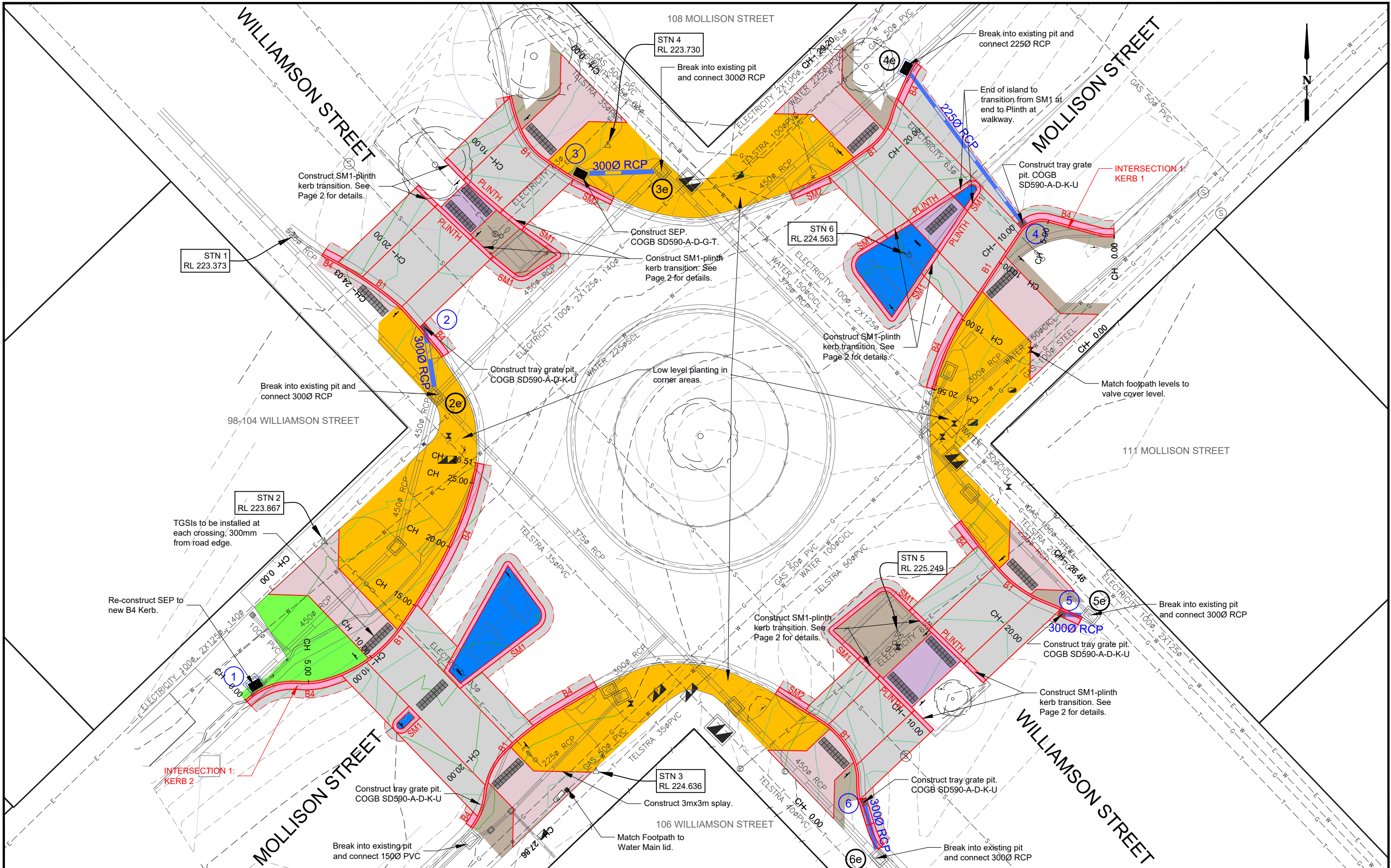
Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
 Works: BLACKSPOT - RAISED CROSSINGS
 GB No: GB5110

SHEET DETAILS

INTERSECTION 1: DEMOLITION PLAN

Sheet number: 4 of 22
 Plan Scale: 1:250
 A3
 Plotted: 06/03/2024 By: Bayley Janssen

SHEET REVISIONS AFTER TENDER		Approved by	Date
Revision	Description		
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND

DESIGN CONTOURS - Levels to AHD (0.10m interval)	Asphalt Footpath area - IDM SD206	Concrete Kerb: Normal Plain - IDM SD100 (B1, SM1, SM2) - COGB SD190 (B4) - Plinth (Page 2 Detail)	Landscape work: Instant turf (Refer: Typical details pg 2)
EXISTING CONTOURS - Levels to AHD (0.10m interval)	Concrete Footpath area: Normal Black - IDM SD 205 & SD210	Concrete Kerb: Normal Black - IDM SD100 (B1, SM1, SM2) - COGB SD190 (B4) - Plinth (Page 2 Detail)	Landscape work: Gravel areas Match gravel to existing style
Raised Crossing - 40mm Asphalt Type H (20mm) - 60mm Asphalt Type H (14mm)	Concrete Footpath area: Normal Plain - IDM SD205 & SD210	Stenciled Concrete - IDM SD205, 150mm Depth	Landscape work: Mulched areas Low level planting to be completed by COGB Parks
		Bluestone Kerb / Garden Edging - COGB SD196 (Use regular bluestones)	



PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS

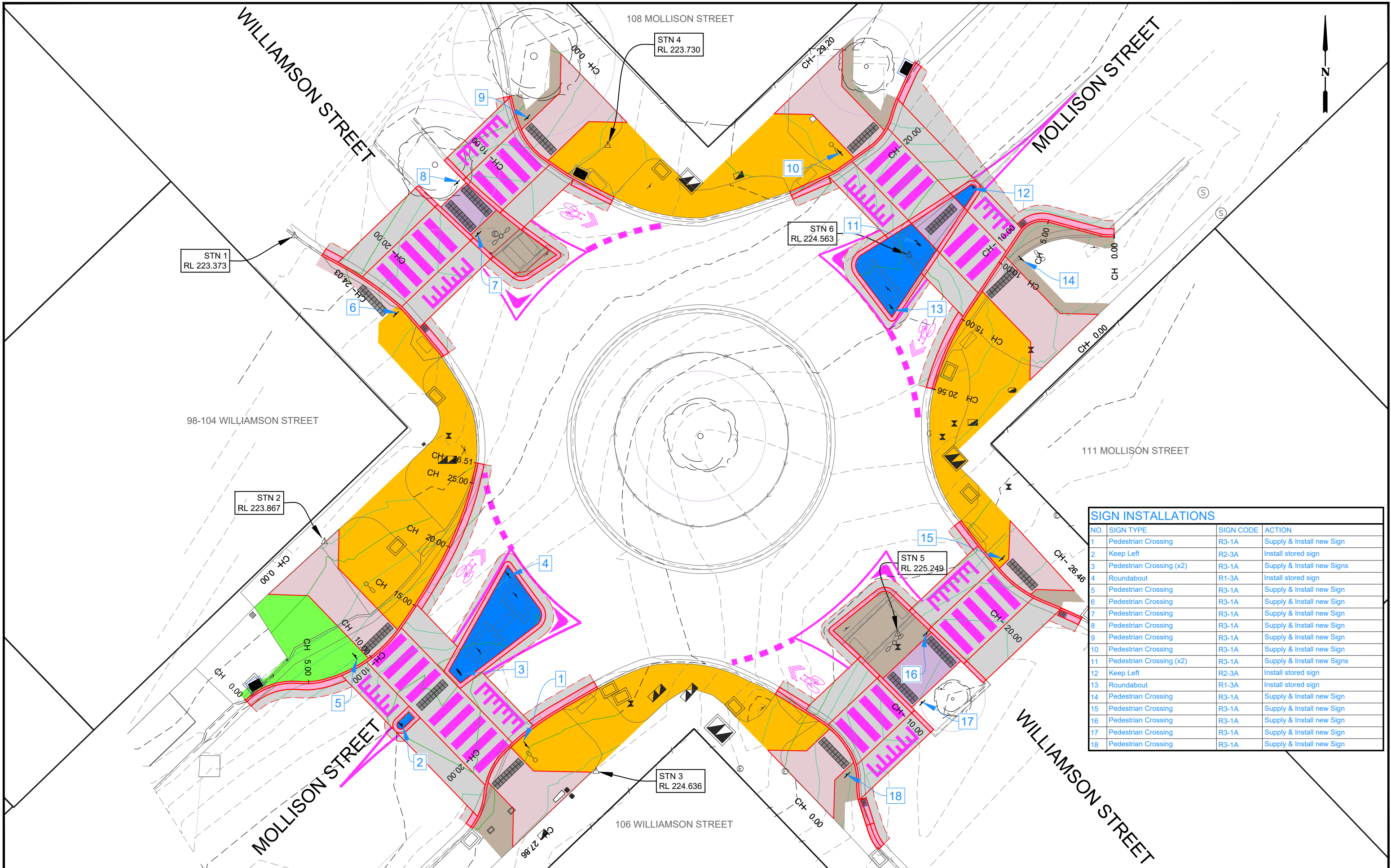
Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
 Works: BLACKSPOT - RAISED CROSSINGS
 GB No: GB5110

SHEET DETAILS

INTERSECTION 1: DETAIL PLAN

Sheet number: 5 of 22
 Plan Scale: 1:250
 A3
 Plotted: 06/03/2024 By: Bayley Janssen

SHEET REVISIONS AFTER TENDER		Approved by		Date	
Revision	Description				
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



SIGN INSTALLATIONS			
NO.	SIGN TYPE	SIGN CODE	ACTION
1	Pedestrian Crossing	R3-1A	Supply & Install new Sign
2	Keep Left	R2-3A	Install stored sign
3	Pedestrian Crossing (x2)	R3-1A	Supply & Install new Signs
4	Roundabout	R1-3A	Install stored sign
5	Pedestrian Crossing	R3-1A	Supply & Install new Sign
6	Pedestrian Crossing	R3-1A	Supply & Install new Sign
7	Pedestrian Crossing	R3-1A	Supply & Install new Sign
8	Pedestrian Crossing	R3-1A	Supply & Install new Sign
9	Pedestrian Crossing	R3-1A	Supply & Install new Sign
10	Pedestrian Crossing	R3-1A	Supply & Install new Sign
11	Pedestrian Crossing (x2)	R3-1A	Supply & Install new Signs
12	Keep Left	R2-3A	Install stored sign
13	Roundabout	R1-3A	Install stored sign
14	Pedestrian Crossing	R3-1A	Supply & Install new Sign
15	Pedestrian Crossing	R3-1A	Supply & Install new Sign
16	Pedestrian Crossing	R3-1A	Supply & Install new Sign
17	Pedestrian Crossing	R3-1A	Supply & Install new Sign
18	Pedestrian Crossing	R3-1A	Supply & Install new Sign

LEGEND

- Design Linemarking - White
- Design Linemarking - Yellow
- Design Bicycle Symbol
- Design Sign
- Existing Sign



PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS

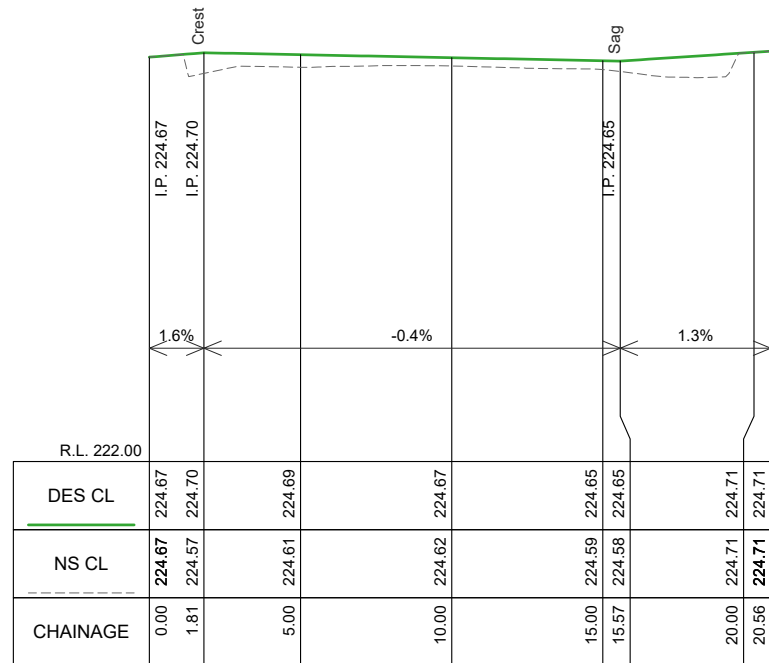
Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
 Works: BLACKSPOT - RAISED CROSSINGS
 GB No: GB5110

SHEET DETAILS

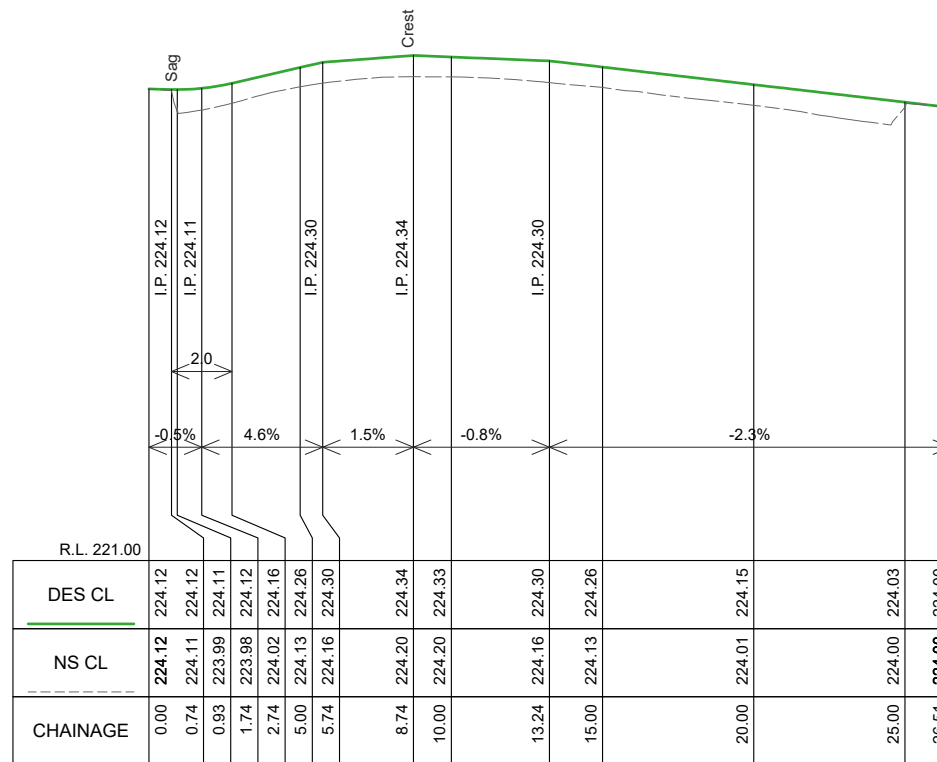
INTERSECTION 1: SIGNAGE, LINEMARKING & LIGHTING

Sheet number: 6 of 22
 Plan Scale: 1:250
 Plotted: 06/03/2024 By: Bayley Janssen

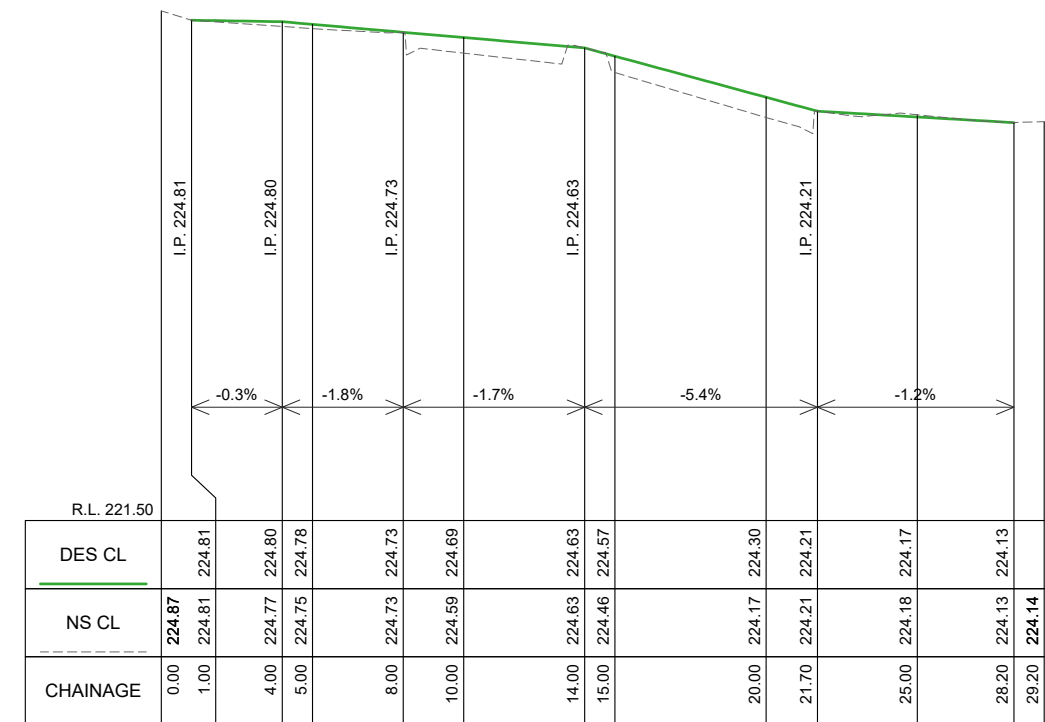
SHEET REVISIONS AFTER TENDER		Approved by		Date	
Revision	Description				
-	-	-	-	-	-
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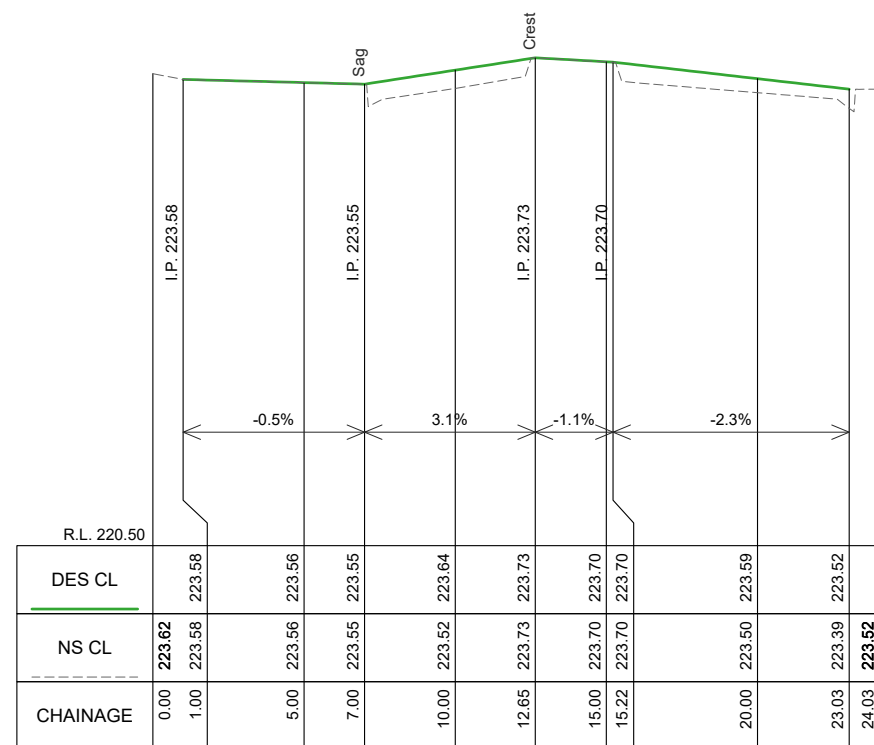
INTERSECTION 1: KERB 1 LONGITUDINAL SECTION CH 0.000 To 20.555
 SCALES: H 1:250 V 1:50 (A3)



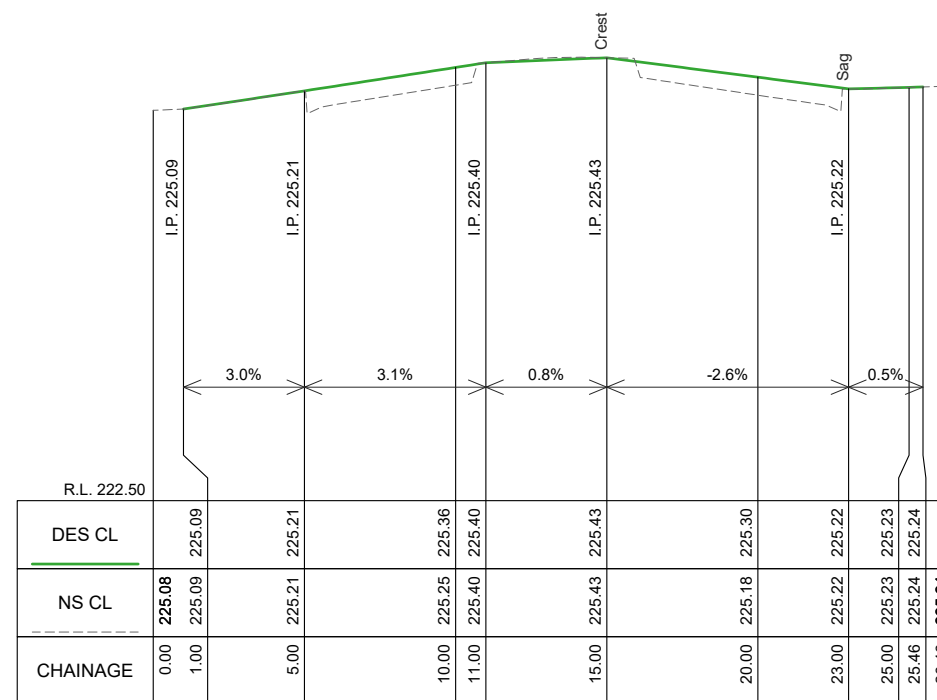
INTERSECTION 1: KERB 2 LONGITUDINAL SECTION CH 0.000 To 26.508
 SCALES: H 1:250 V 1:50 (A3)



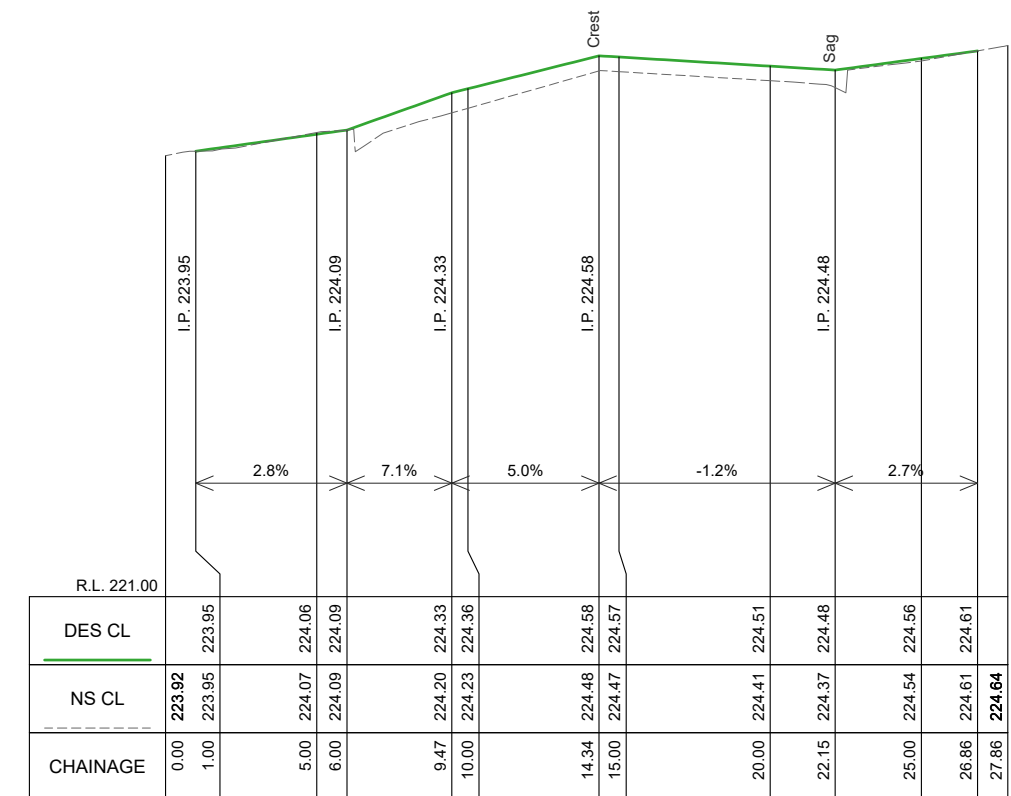
INTERSECTION 1: NE CROSSING LONGITUDINAL SECTION CH 0.000 To 29.197
 SCALES: H 1:250 V 1:50 (A3)



INTERSECTION 1: NW CROSSING LONGITUDINAL SECTION CH 0.000 To 24.033
 SCALES: H 1:250 V 1:50 (A3)



INTERSECTION 1: SE CROSSING LONGITUDINAL SECTION CH 0.000 To 26.456
 SCALES: H 1:250 V 1:50 (A3)



INTERSECTION 1: SW CROSSING LONGITUDINAL SECTION CH 0.000 To 27.859
 SCALES: H 1:250 V 1:50 (A3)

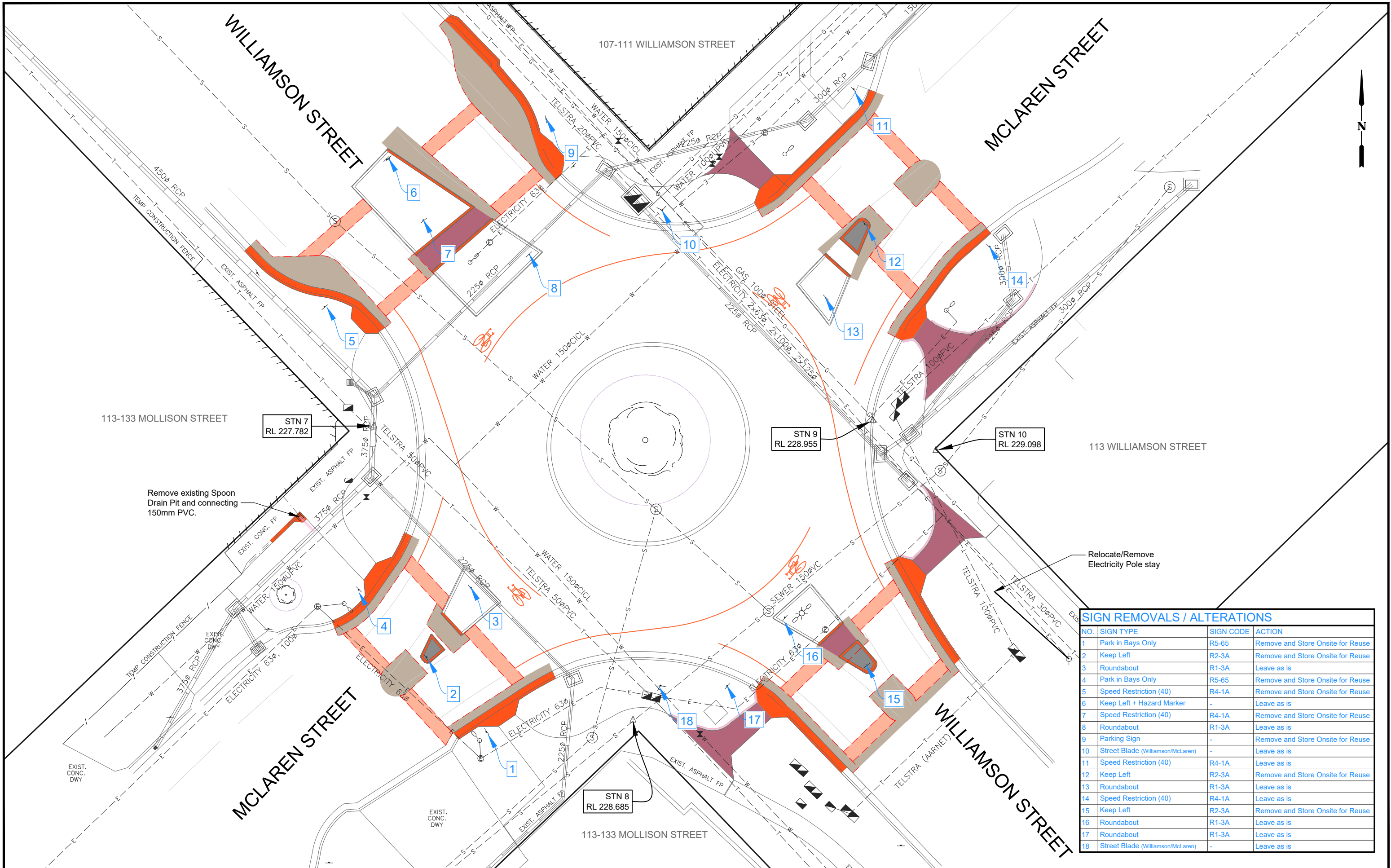


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 5**

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
INTERSECTION 1: LONG SECTIONS		Sheet number:	7 of 22
		Plan Scale:	AS SHOWN A3
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



SIGN REMOVALS / ALTERATIONS			
NO.	SIGN TYPE	SIGN CODE	ACTION
1	Park in Bays Only	R5-65	Remove and Store Onsite for Reuse
2	Keep Left	R2-3A	Remove and Store Onsite for Reuse
3	Roundabout	R1-3A	Leave as is
4	Park in Bays Only	R5-65	Remove and Store Onsite for Reuse
5	Speed Restriction (40)	R4-1A	Remove and Store Onsite for Reuse
6	Keep Left + Hazard Marker	-	Leave as is
7	Speed Restriction (40)	R4-1A	Remove and Store Onsite for Reuse
8	Roundabout	R1-3A	Leave as is
9	Parking Sign	-	Remove and Store Onsite for Reuse
10	Street Blade (Williamson/McLaren)	-	Leave as is
11	Speed Restriction (40)	R4-1A	Leave as is
12	Keep Left	R2-3A	Remove and Store Onsite for Reuse
13	Roundabout	R1-3A	Leave as is
14	Speed Restriction (40)	R4-1A	Leave as is
15	Keep Left	R2-3A	Remove and Store Onsite for Reuse
16	Roundabout	R1-3A	Leave as is
17	Roundabout	R1-3A	Leave as is
18	Street Blade (Williamson/McLaren)	-	Leave as is

LEGEND			
	Removal: Pavement		Removal: Pavers
	Removal: Kerb		Removal: Tree
	Removal: Concrete		Removal: Sawcut
	Removal: Asphalt Footpath		Removal: Pipe
	Removal: Bluestone Kerb / Garden Edging		
	Removal: 40mm Asphalt		

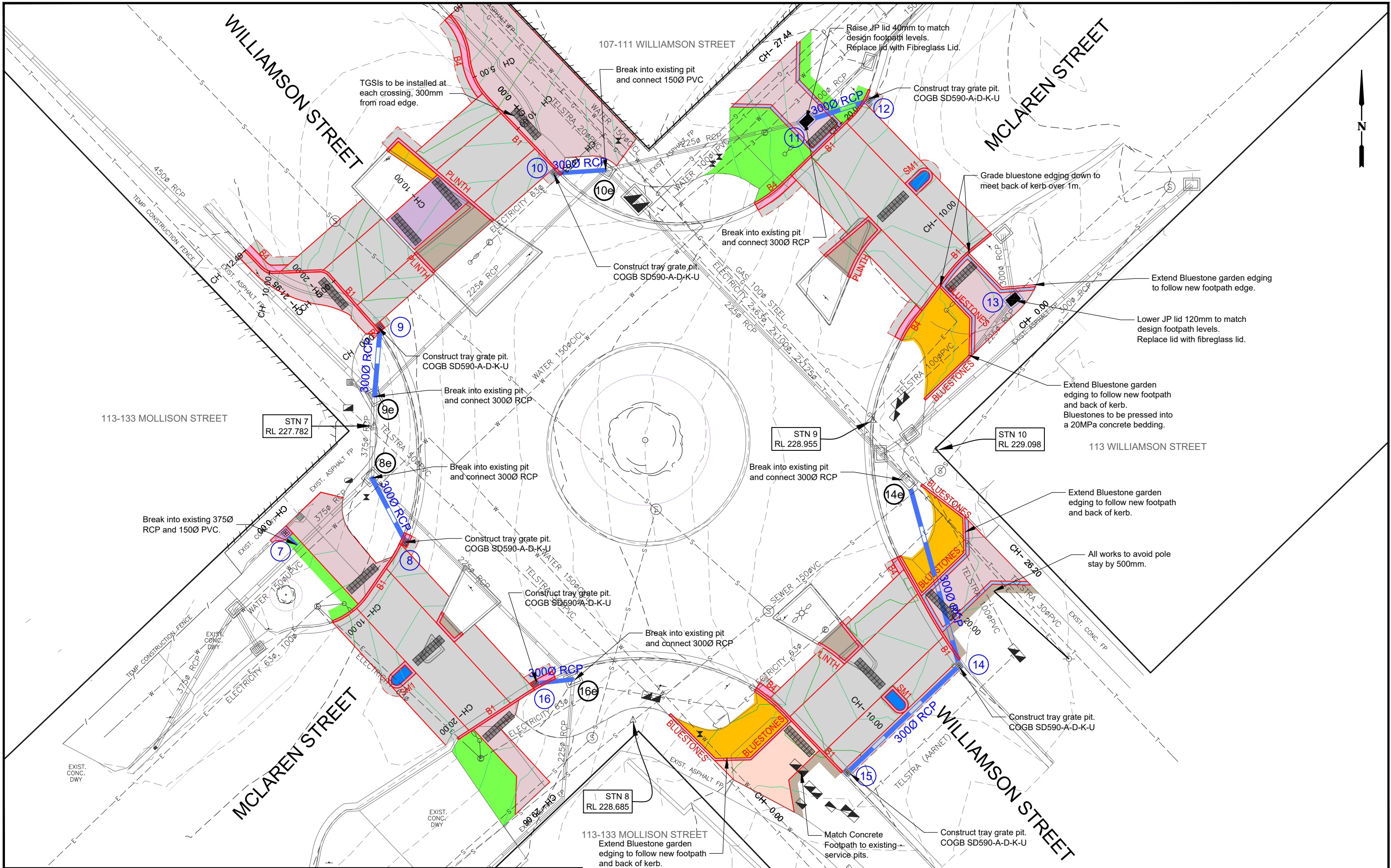


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
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PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS		
INTERSECTION 2: DEMOLITION PLAN		Sheet number: 8 of 22
		Plan Scale: 1:250 A3
		Plotted: 06/03/2024 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by
-	-	-
-	-	-
-	-	-



LEGEND

DESIGN CONTOURS - Levels to AHD (0.10m interval)	Asphalt Footpath area - IDM SD206	Concrete Kerb: Normal Plain - IDM SD100 (B1, SM1, SM2) - COGB SD190 (B4) - Plinth (Page 2 Detail)	Landscape work: Instant turf (Refer: Typical details pg 2)
EXISTING CONTOURS - Levels to AHD (0.10m interval)	Concrete Footpath area: Normal Black - IDM SD 205 & SD210	Concrete Kerb: Normal Black - IDM SD100 (B1, SM1, SM2) - COGB SD190 (B4) - Plinth (Page 2 Detail)	Landscape work: Gravel areas Match gravel to existing style
Raised Crossing - 40mm Asphalt Type H (20mm) - 60mm Asphalt Type H (14mm)	Concrete Footpath area: Normal Plain - IDM SD205 & SD210	Stenciled Concrete - IDM SD205, 150mm Depth	Landscape work: Mulched areas Low level planting to be completed by COGB Parks
		Bluestone Kerb / Garden Edging - COGB SD196 (Use regular bluestones)	



PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS

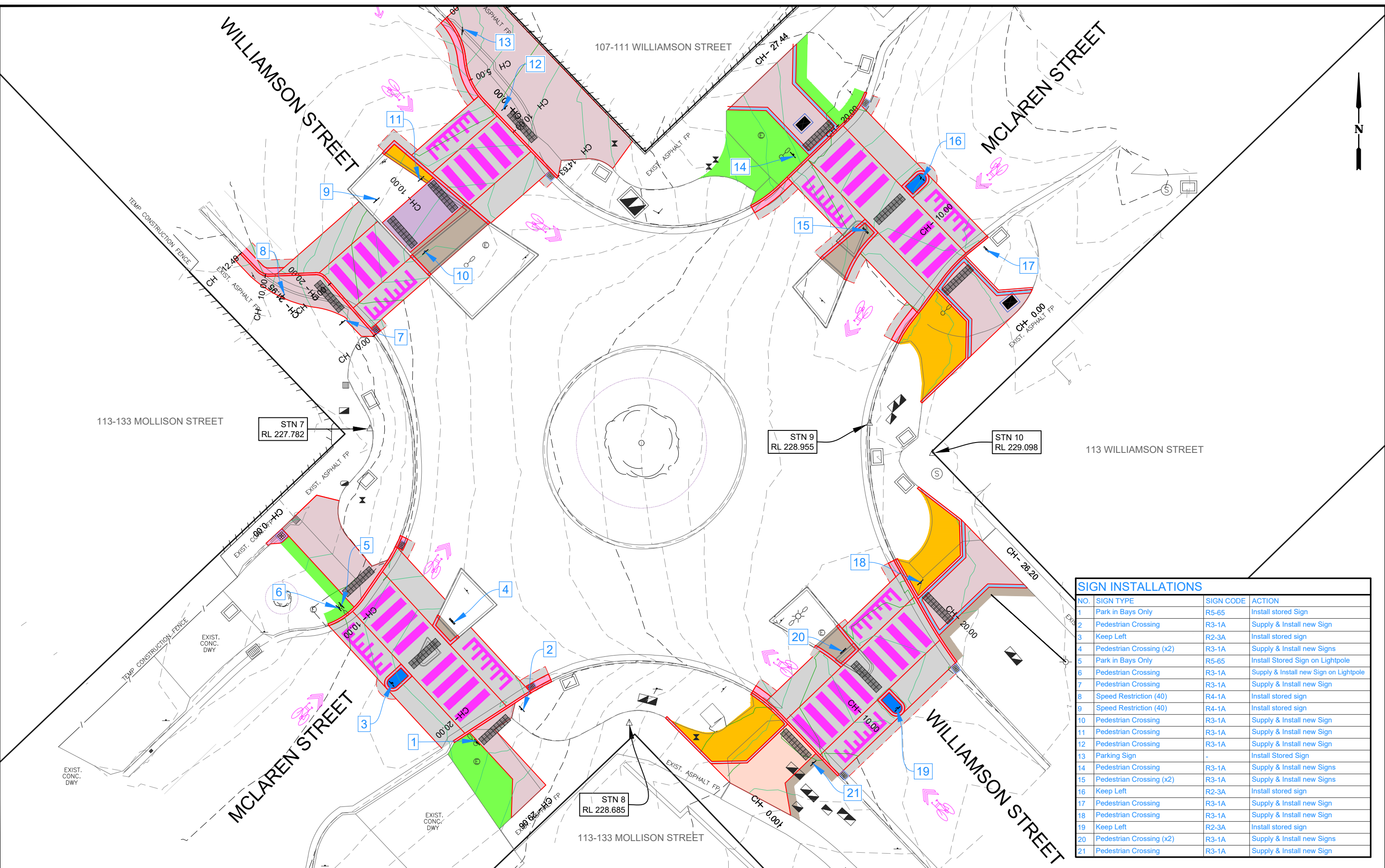
Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
 Works: BLACKSPOT - RAISED CROSSINGS
 GB No: GB5110

SHEET DETAILS

INTERSECTION 2: DETAIL PLAN

Sheet number: 9 of 22
 Plan Scale: 1:250
 A3
 Plotted: 06/03/2024 By: Bayley Janssen

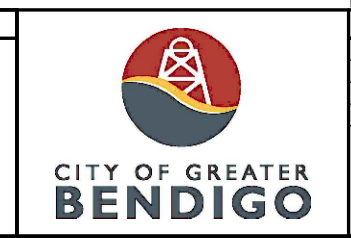
SHEET REVISIONS AFTER TENDER		Approved by	Date
Revision	Description		
-	-	-	-
-	-	-	-
-	-	-	-



SIGN INSTALLATIONS			
NO.	SIGN TYPE	SIGN CODE	ACTION
1	Park in Bays Only	R5-65	Install stored Sign
2	Pedestrian Crossing	R3-1A	Supply & Install new Sign
3	Keep Left	R2-3A	Install stored sign
4	Pedestrian Crossing (x2)	R3-1A	Supply & Install new Signs
5	Park in Bays Only	R5-65	Install Stored Sign on Lightpole
6	Pedestrian Crossing	R3-1A	Supply & Install new Sign on Lightpole
7	Pedestrian Crossing	R3-1A	Supply & Install new Sign
8	Speed Restriction (40)	R4-1A	Install stored sign
9	Speed Restriction (40)	R4-1A	Install stored sign
10	Pedestrian Crossing	R3-1A	Supply & Install new Sign
11	Pedestrian Crossing	R3-1A	Supply & Install new Sign
12	Pedestrian Crossing	R3-1A	Supply & Install new Sign
13	Parking Sign	-	Install Stored Sign
14	Pedestrian Crossing	R3-1A	Supply & Install new Signs
15	Pedestrian Crossing (x2)	R3-1A	Supply & Install new Signs
16	Keep Left	R2-3A	Install stored sign
17	Pedestrian Crossing	R3-1A	Supply & Install new Sign
18	Pedestrian Crossing	R3-1A	Supply & Install new Sign
19	Keep Left	R2-3A	Install stored sign
20	Pedestrian Crossing (x2)	R3-1A	Supply & Install new Signs
21	Pedestrian Crossing	R3-1A	Supply & Install new Sign

LEGEND

- Design Linemarking - White
- Design Linemarking - Yellow
- Design Bicycle Symbol
- Design Sign
- Existing Sign



PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS

Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
 Works: BLACKSPOT - RAISED CROSSINGS
 GB No: GB5110

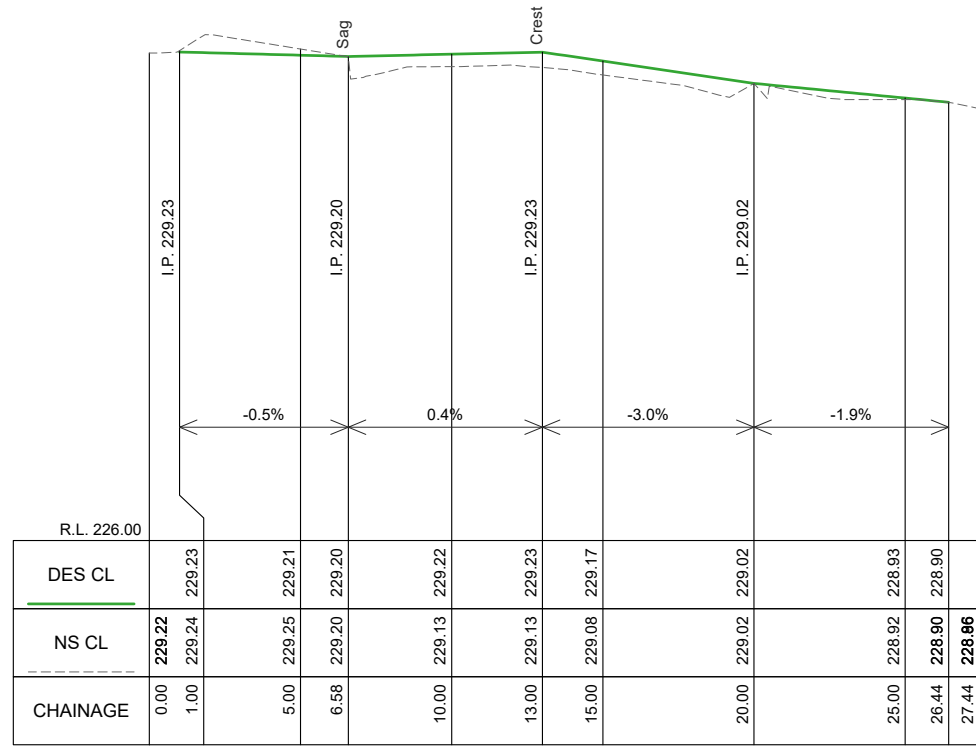
SHEET DETAILS

INTERSECTION 2: SIGNAGE, LINEMARKING & LIGHTING

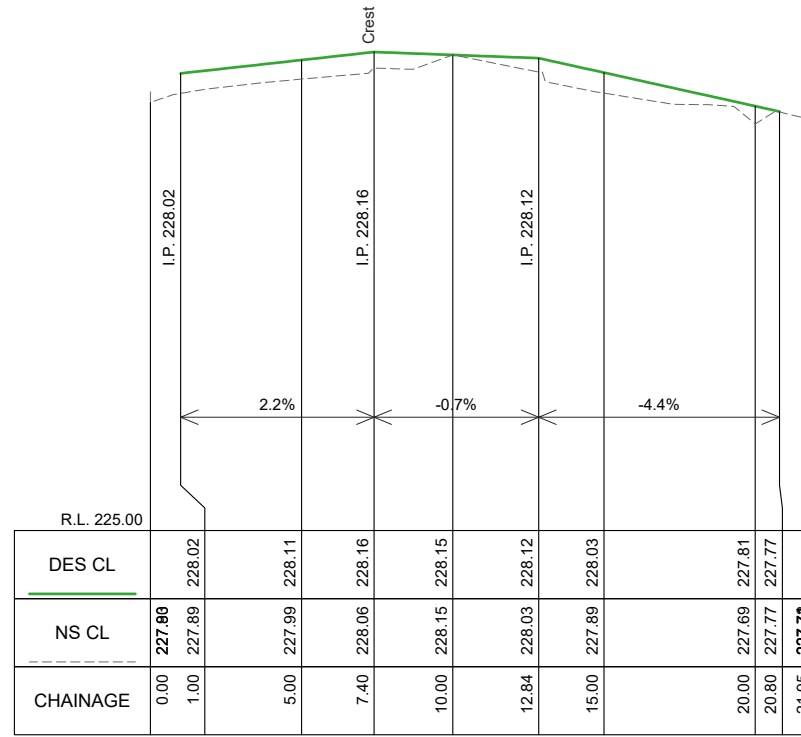
Sheet number: 10 of 22
 Plan Scale: 1:250
 A3
 Plotted: 06/03/2024 By: Bayley Janssen

SHEET REVISIONS AFTER TENDER

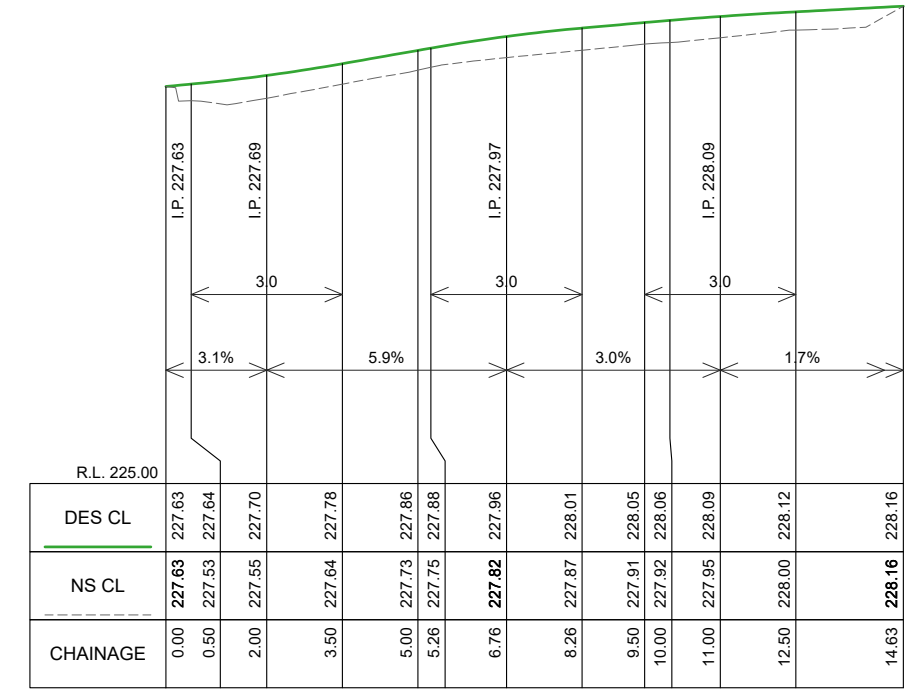
Revision	Description	Approved by	Date
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-	-	-	-
-	-	-	-



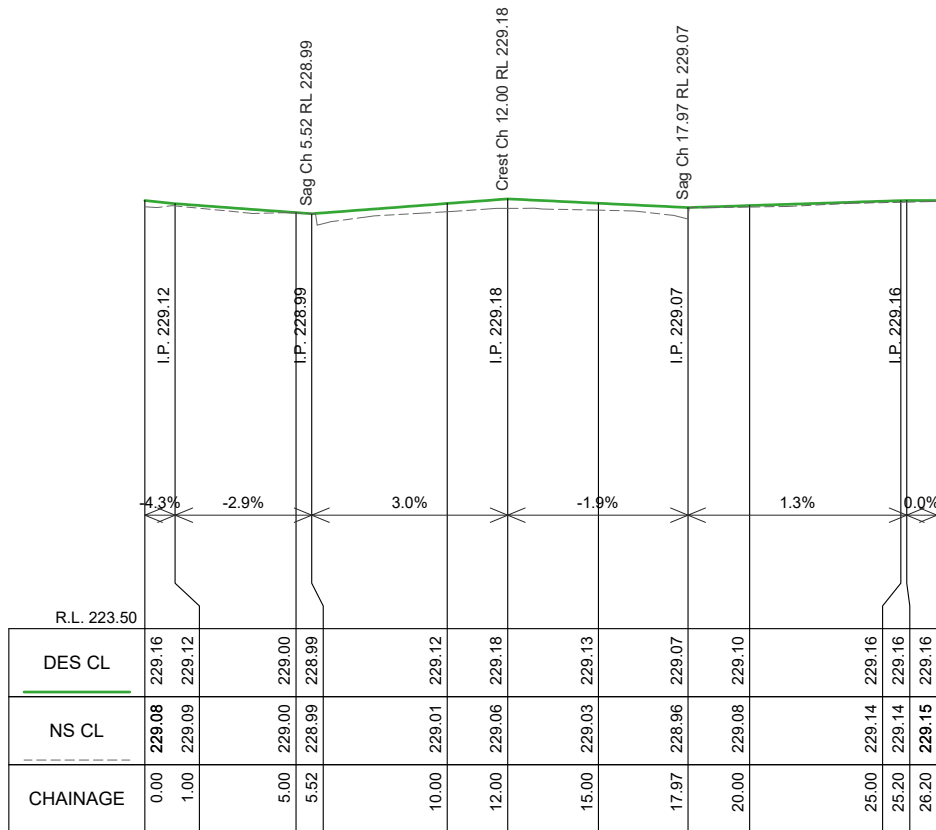
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 SCALES: H 1:250 V 1:50 (A3)



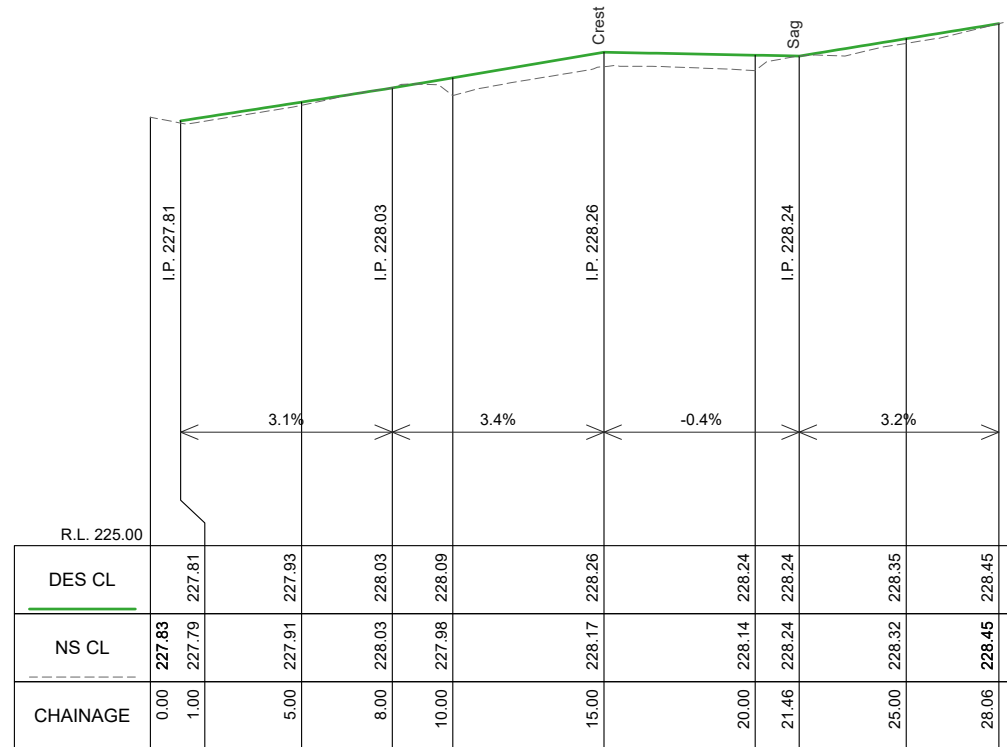
INTERSECTION 2: NW CROSSING LONGITUDINAL SECTION CH 0.000 To 21.953
 SCALES: H 1:250 V 1:50 (A3)



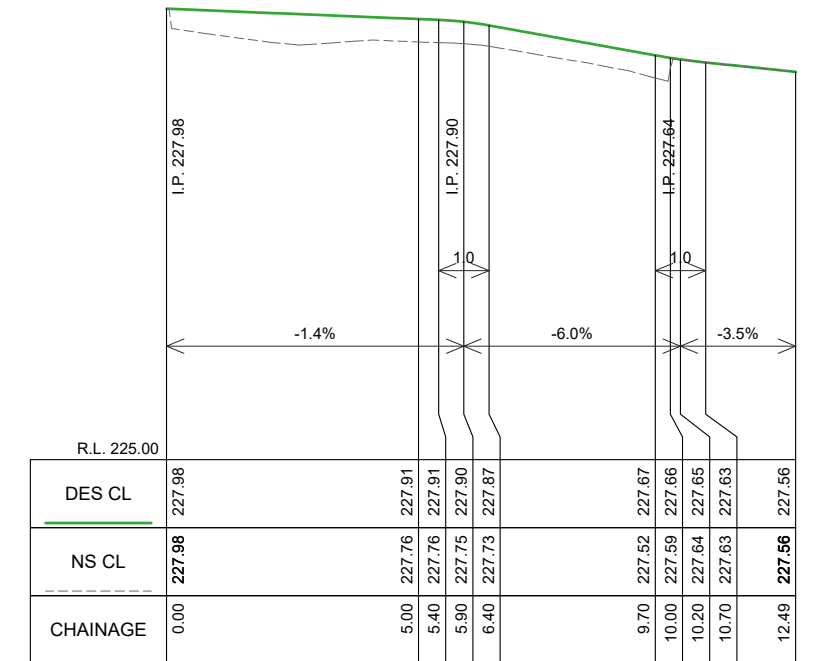
INTERSECTION 2: NW KERB (NORTH) LONGITUDINAL SECTION CH 0.000 To 14.633
 SCALES: H 1:150 V 1:50 (A3)



INTERSECTION 2: SE CROSSING LONGITUDINAL SECTION CH 0.000 To 26.199
 SCALES: H 1:250 V 1:100 (A3)



INTERSECTION 2: SW CROSSING LONGITUDINAL SECTION CH 0.000 To 29.060
 SCALES: H 1:250 V 1:50 (A3)



INTERSECTION 2: NW KERB (SOUTH) LONGITUDINAL SECTION CH 0.000 To 12.486
 SCALES: H 1:150 V 1:50 (A3)



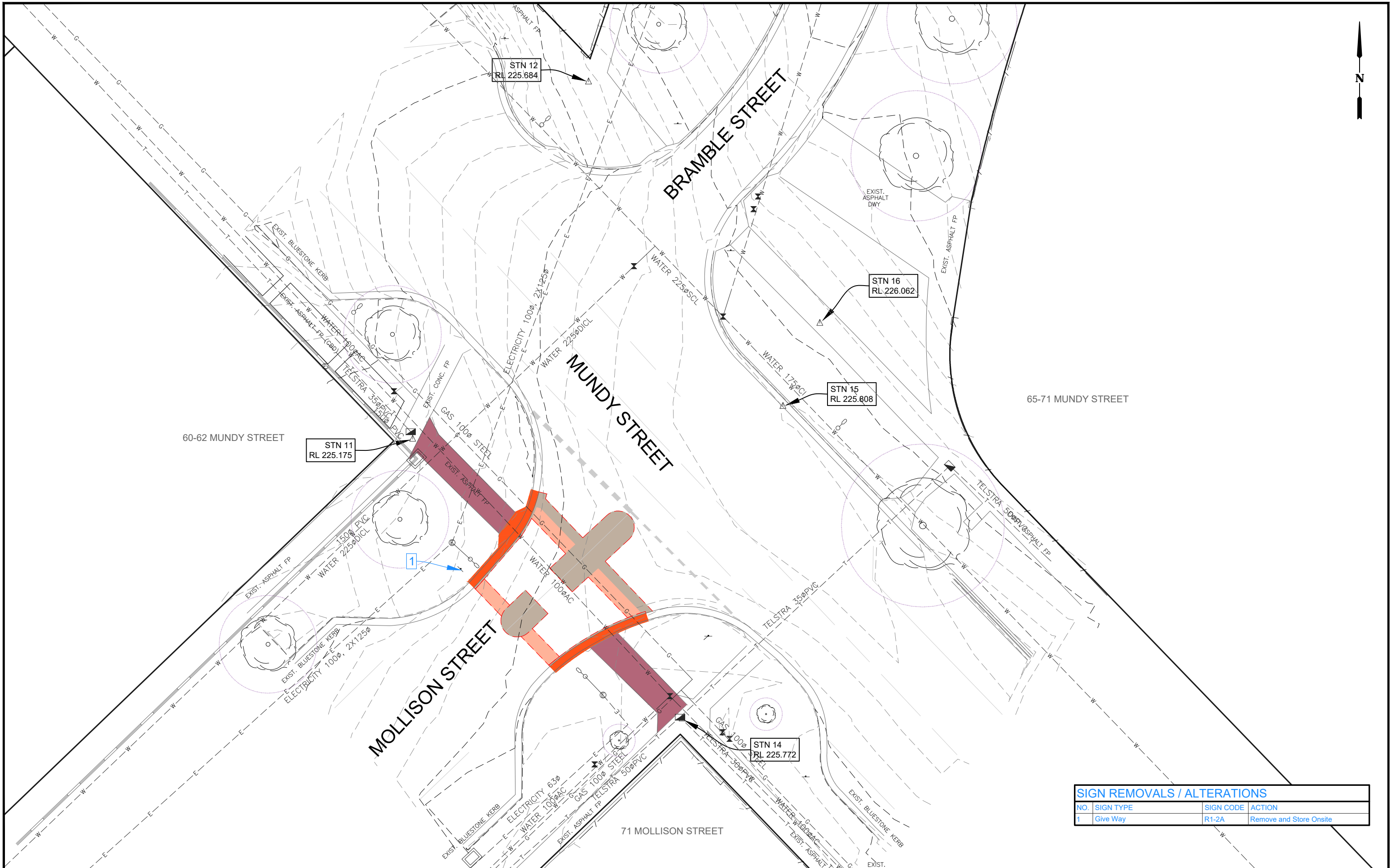
PROJECT DESIGN STATUS
 Surveyor: H. WHYTOCK 25/05/23
 Designer: B. JANSSEN 02/01/24
 Draft Checked: A. SMITH xx/xx/23
 Tender Approved: N. SARTORI xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS
 Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
 Works: BLACKSPOT - RAISED CROSSINGS
 GB No: GB5110

SHEET DETAILS
 INTERSECTION 2: LONG SECTIONS
 Sheet number: 11 of 22
 Plan Scale: AS SHOWN A3
 Plotted: 06/03/2024 By: Bayley Janssen

Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



SIGN REMOVALS / ALTERATIONS			
NO.	SIGN TYPE	SIGN CODE	ACTION
1	Give Way	R1-2A	Remove and Store Onsite

LEGEND

- Removal: Pavement
- Removal: Asphalt Footpath
- Removal: Pavers
- Removal: Linemarking
- Removal: Kerb
- Removal: Bluestone Kerb / Garden Edging
- X Removal: Tree
- Removal: Sawcut
- Removal: Concrete
- Removal: 40mm Asphalt
- Removal: Pipe

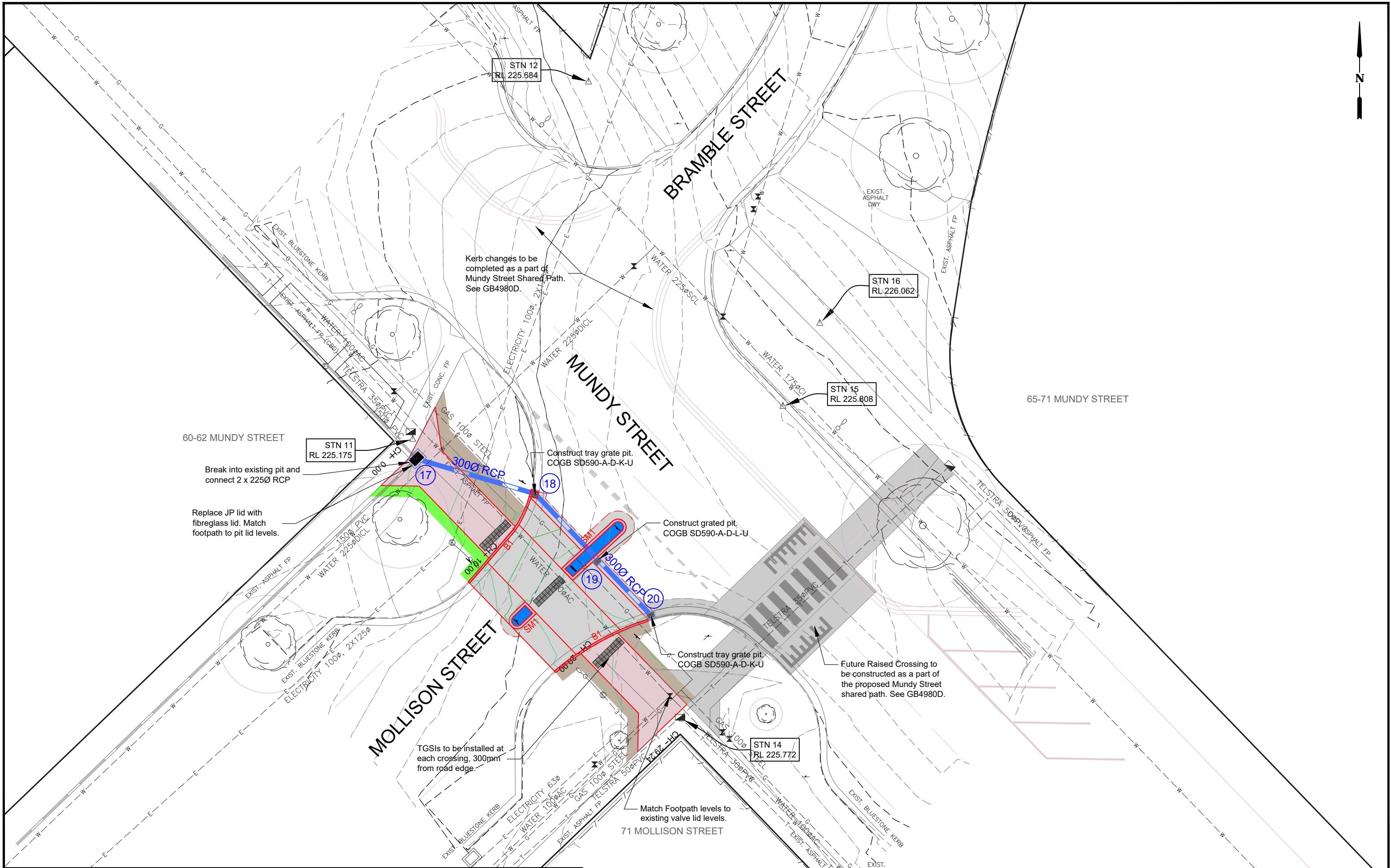


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
INTERSECTION 3: DEMOLITION PLAN		Sheet number: 12 of 22	
		Plan Scale: 1:250 A3	
Plotted: 06/03/2024 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND			
	DESIGN CONTOURS - Levels to AHD (0.10m interval)		Concrete Kerb: Normal Plain - IDM SD100 (B1, SM1, SM2) - COGB SD190 (B4) - Plinth (Page 2 Detail)
	EXISTING CONTOURS - Levels to AHD (0.10m interval)		Concrete Kerb: Normal Black - IDM SD100 (B1, SM1, SM2) - COGB SD190 (B4) - Plinth (Page 2 Detail)
	Raised Crossing - 40mm Asphalt Type H (20mm) - 60mm Asphalt Type H (14mm)		Stenciled Concrete - IDM SD205, 150mm Depth
	Asphalt Footpath area - IDM SD206		Landscape work: Instant turf (Refer: Typical details pg 2)
	Concrete Footpath area: Normal Black - IDM SD 205 & SD210		Landscape work: Gravel areas Match gravel to existing style
	Concrete Footpath area: Normal Plain - IDM SD205 & SD210		Landscape work: Mulched areas Low level planting to be completed by COGB Parks
			Bluestone Kerb / Garden Edging - COGB SD196 (Use regular bluestones)

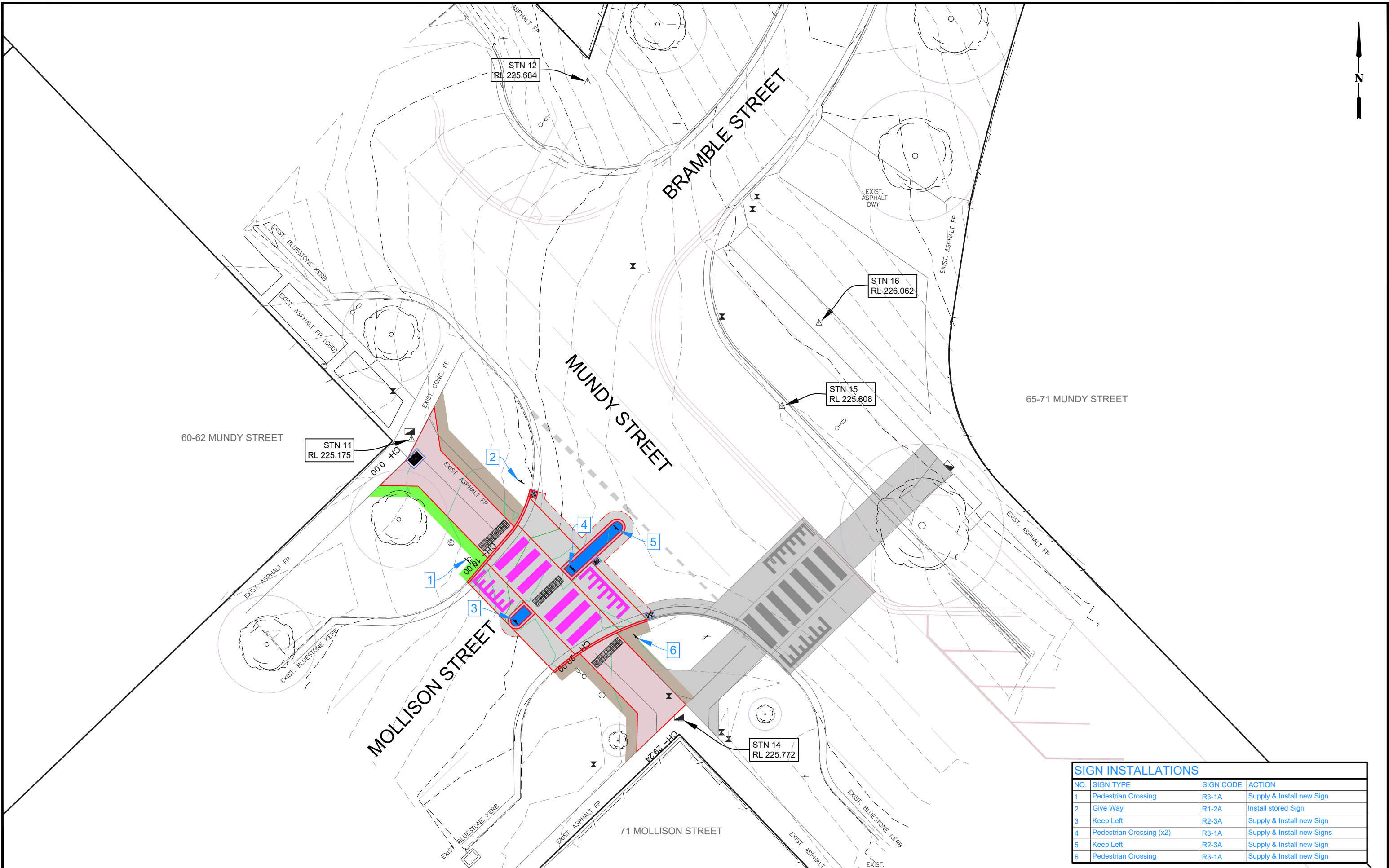


PROJECT DESIGN STATUS	
Surveyor:	H. WHYTOCK 25/05/23
Designer:	B. JANSSEN 02/01/24
Draft Checked:	A. SMITH xx/xx/23
Tender Approved:	N. SARTORI xx/xx/23

**PRELIMINARY DESIGN
DRAFT 5**

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS		
INTERSECTION 3: DETAIL PLAN		Sheet number: 13 of 22
		Plan Scale: 1:250 A3
Plotted: 06/03/2024 By: Bayley Janssen		
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by
-	-	-
-	-	-
-	-	-



SIGN INSTALLATIONS			
NO.	SIGN TYPE	SIGN CODE	ACTION
1	Pedestrian Crossing	R3-1A	Supply & Install new Sign
2	Give Way	R1-2A	Install stored Sign
3	Keep Left	R2-3A	Supply & Install new Sign
4	Pedestrian Crossing (x2)	R3-1A	Supply & Install new Signs
5	Keep Left	R2-3A	Supply & Install new Sign
6	Pedestrian Crossing	R3-1A	Supply & Install new Sign

LEGEND	
	Design Linemarking - White
	Design Linemarking - Yellow
	Design Bicycle Symbol
	Design Sign
	Existing Sign

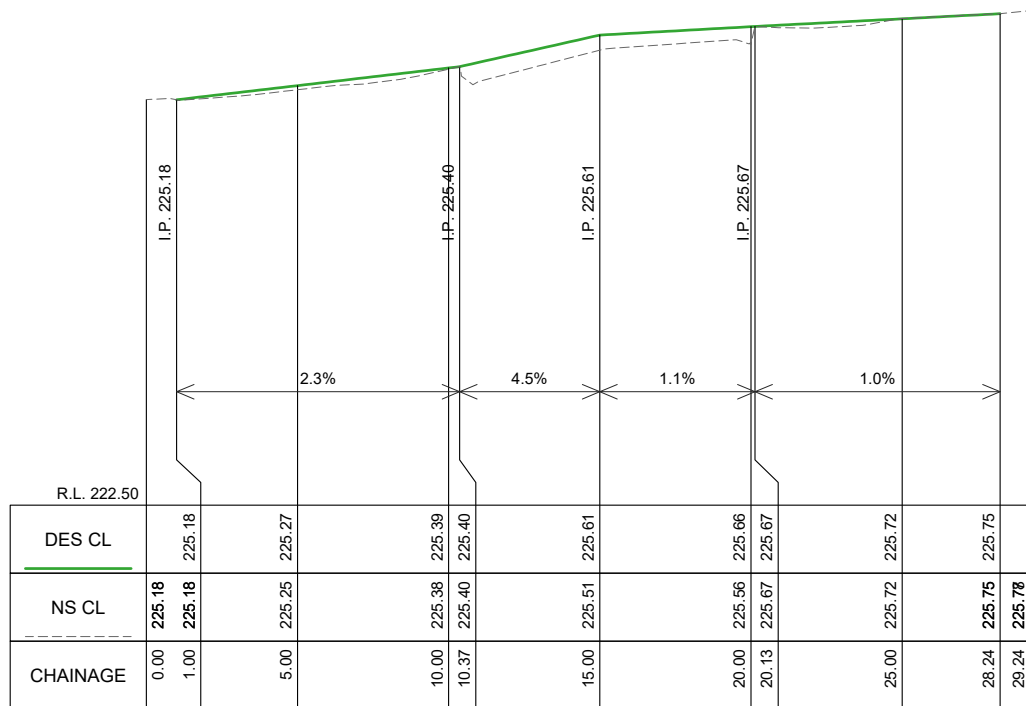


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
INTERSECTION 3: SIGNAGE, LINEMARKING & LIGHTING			Sheet number: 14 of 22
			Plan Scale: 1:250
			Plotted: 06/03/2024 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



INTERSECTION 3: SW CROSSING LONGITUDINAL SECTION CH 0.000 To 29.240
 SCALES: H 1:250 V 1:50 (A3)

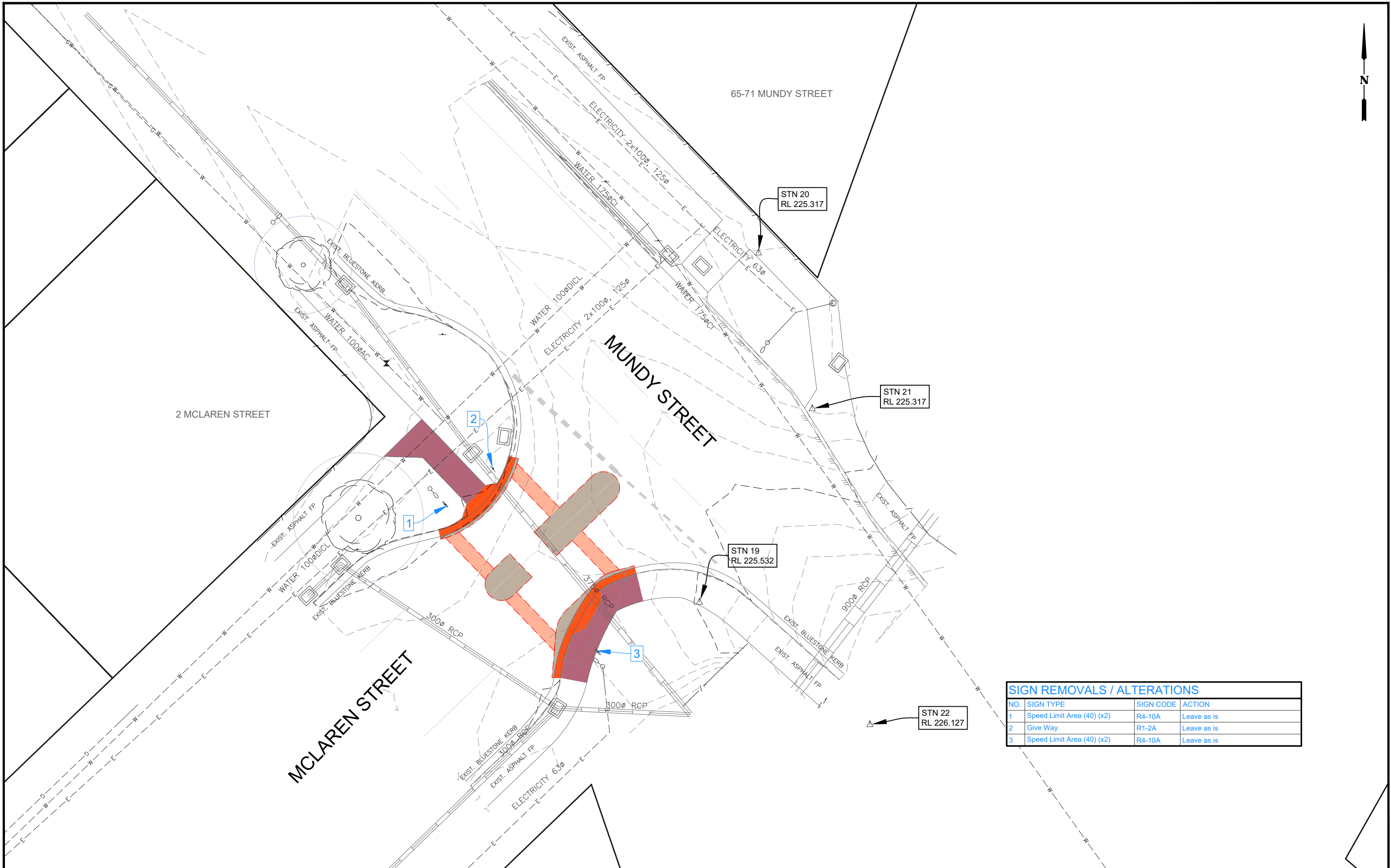


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 5**

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
INTERSECTION 3: LONG SECTIONS		Sheet number:	15 of 22
		Plan Scale:	AS SHOWN A3
Plotted: 06/03/2024 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



SIGN REMOVALS / ALTERATIONS			
NO.	SIGN TYPE	SIGN CODE	ACTION
1	Speed Limit Area (40) (x2)	R4-10A	Leave as is
2	Give Way	R1-2A	Leave as is
3	Speed Limit Area (40) (x2)	R4-10A	Leave as is

LEGEND

Removal: Pavement	Removal: Asphalt Footpath	Removal: Pavers	Removal: Linemarking
Removal: Kerb	Removal: Bluestone Kerb / Garden Edging	Removal: Tree	Removal: Sawcut
Removal: Concrete	Removal: 40mm Asphalt	Removal: Pipe	

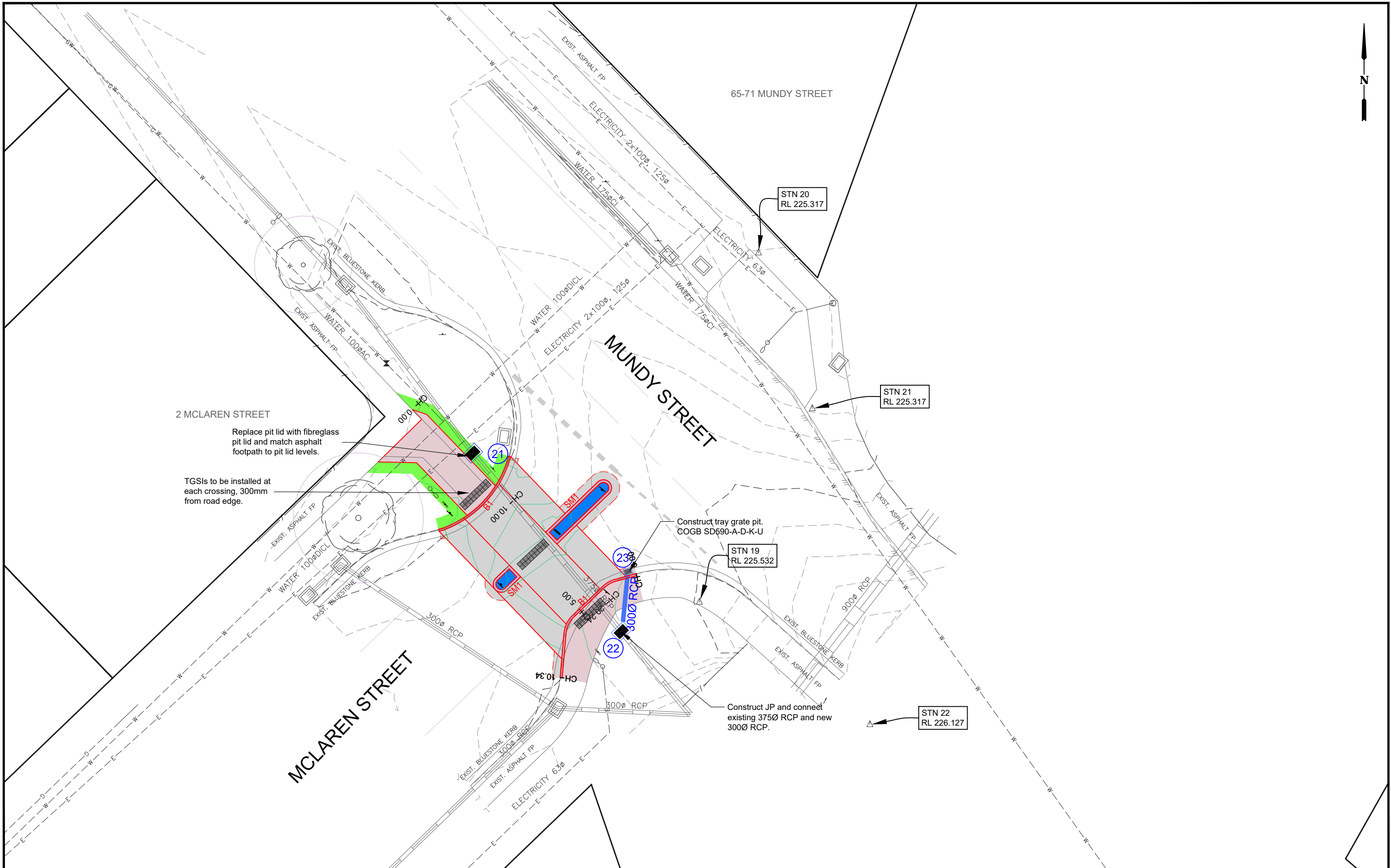


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
INTERSECTION 4: DEMOLITION PLAN		Sheet number: 16 of 22	
		Plan Scale: 1:250 A3	
Plotted: 06/03/2024 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND			
	DESIGN CONTOURS - Levels to AHD (0.10m interval)		Concrete Kerb: Normal Plain - IDM SD100 (B1, SM1, SM2) - COGB SD190 (B4) - Plinth (Page 2 Detail)
	EXISTING CONTOURS - Levels to AHD (0.10m interval)		Concrete Kerb: Normal Black - IDM SD100 (B1, SM1, SM2) - COGB SD190 (B4) - Plinth (Page 2 Detail)
	Raised Crossing - 40mm Asphalt Type H (20mm) - 60mm Asphalt Type H (14mm)		Stenciled Concrete - IDM SD205, 150mm Depth
	Asphalt Footpath area - IDM SD206		Landscape work: Instant turf (Refer: Typical details pg 2)
	Concrete Footpath area: Normal Black - IDM SD 205 & SD210		Landscape work: Gravel areas Match gravel to existing style
	Concrete Footpath area: Normal Plain - IDM SD205 & SD210		Landscape work: Mulched areas Low level planting to be completed by COGB Parks
			Bluestone Kerb / Garden Edging - COGB SD196 (Use regular bluestones)

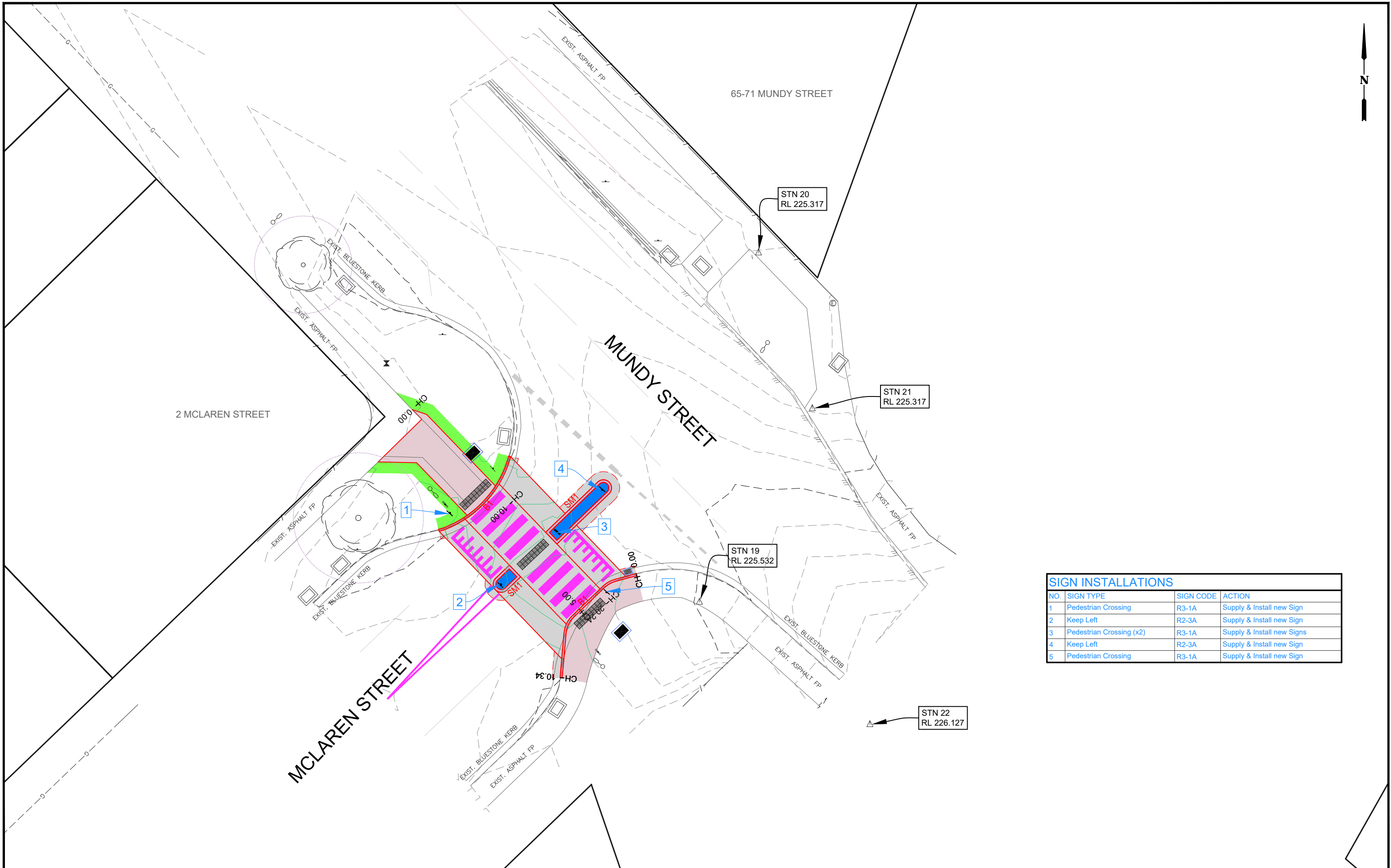


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 5**

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS		
INTERSECTION 4: DETAIL PLAN		Sheet number: 17 of 22
		Plan Scale: 1:250
		Plotted: 06/03/2024 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by
-	-	-
-	-	-
-	-	-



SIGN INSTALLATIONS			
NO.	SIGN TYPE	SIGN CODE	ACTION
1	Pedestrian Crossing	R3-1A	Supply & Install new Sign
2	Keep Left	R2-3A	Supply & Install new Sign
3	Pedestrian Crossing (x2)	R3-1A	Supply & Install new Signs
4	Keep Left	R2-3A	Supply & Install new Sign
5	Pedestrian Crossing	R3-1A	Supply & Install new Sign

LEGEND	
	Design Linemarking - White
	Design Linemarking - Yellow
	Design Bicycle Symbol
	Design Sign
	Existing Sign

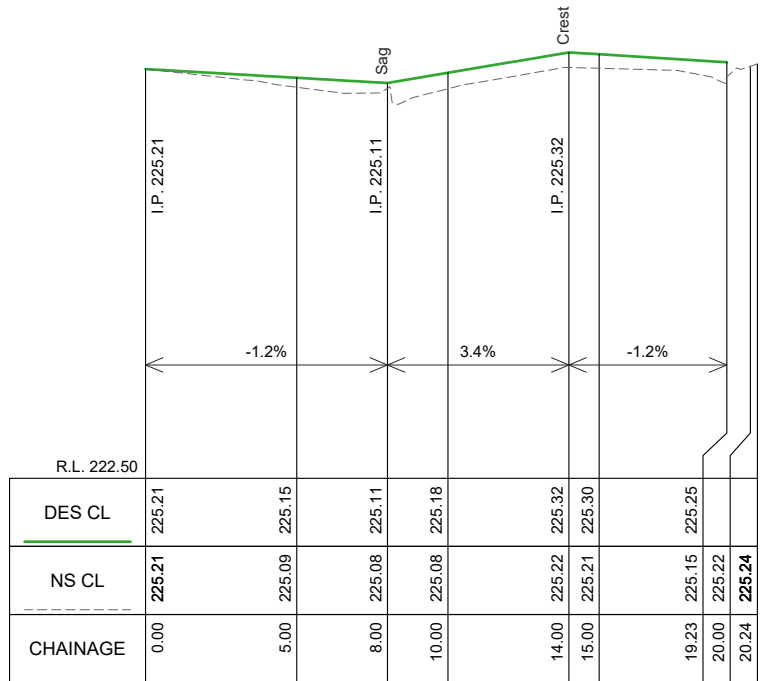


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

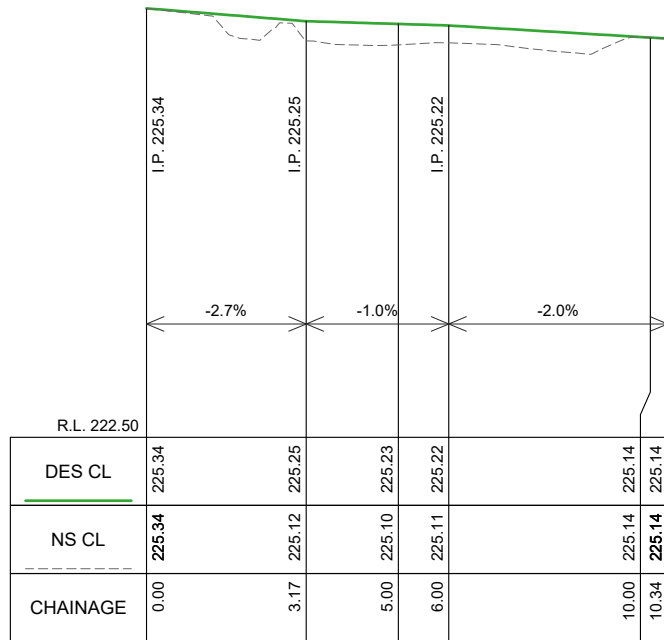
PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
INTERSECTION 4: SIGNAGE, LINEMARKING & LIGHTING		Sheet number:	18 of 22
		Plan Scale:	1:250
		Plotted:	06/03/2024 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER		Approved by	Date
Revision	Description		
-	-	-	-
-	-	-	-
-	-	-	-



INTERSECTION 4: SW CROSSING LONGITUDINAL SECTION CH 0.000 To 20.236
 SCALES: H 1:250 V 1:50 (A3)



INTERSECTION 4: SW KERB LONGITUDINAL SECTION CH 0.000 To 10.343
 SCALES: H 1:150 V 1:50 (A3)



PROJECT DESIGN STATUS
 Surveyor: H. WHYTOCK 25/05/23
 Designer: B. JANSSEN 02/01/24
 Draft Checked: A. SMITH xx/xx/23
 Tender Approved: N. SARTORI xx/xx/23

**PRELIMINARY DESIGN
 DRAFT 5**

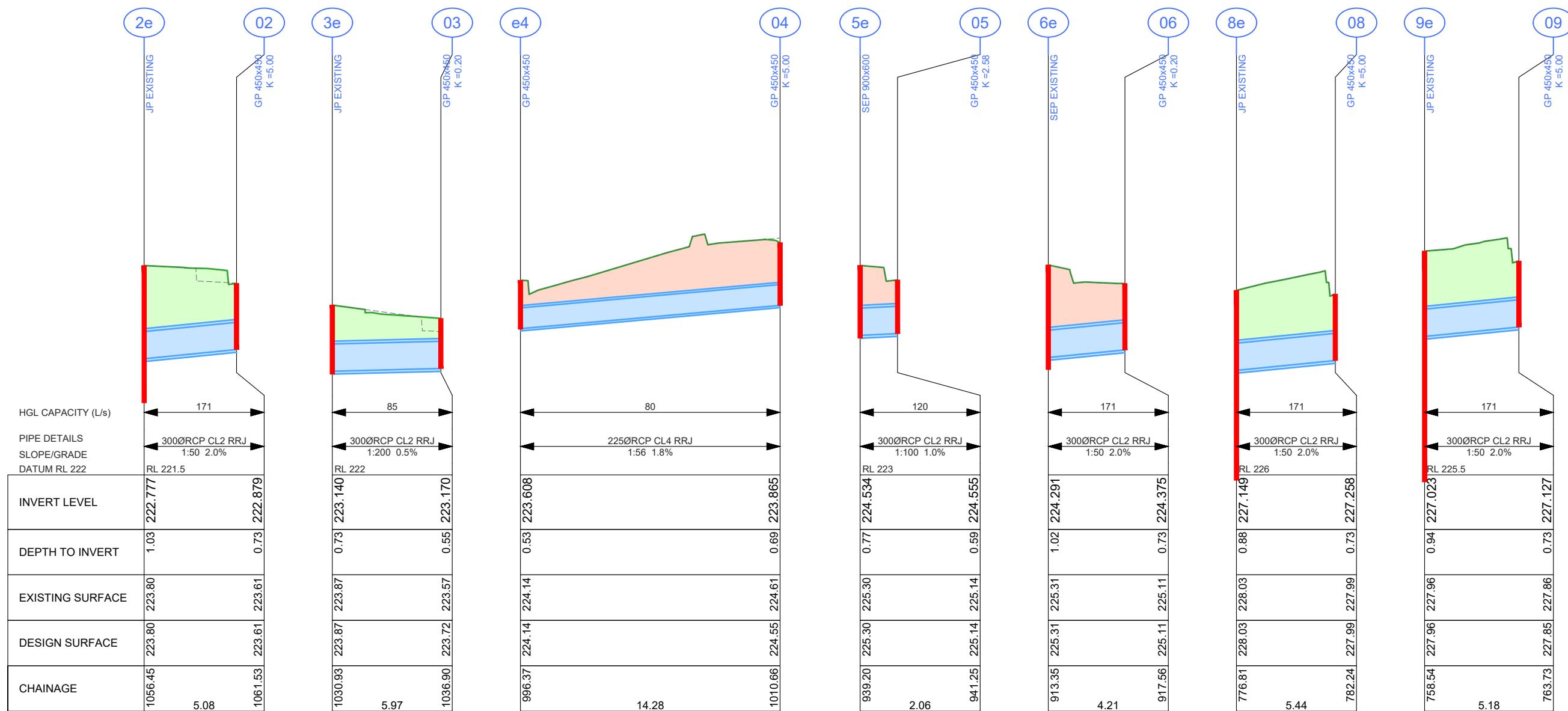
PROJECT DETAILS
 Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
 Works: BLACKSPOT - RAISED CROSSINGS
 GB No: GB5110

SHEET DETAILS

INTERSECTION 4:
 LONG SECTIONS

Sheet number: 19 of 22
 Plan Scale: AS SHOWN A3
 Plotted: 06/03/2024 By: Bayley Janssen

SHEET REVISIONS AFTER TENDER		Approved by		Date	
Revision	Description				
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



DRAINAGE LONGITUDINAL SECTION
 SCALES: HORIZONTAL 1:250 VERTICAL 1:50

LEGEND	
	EXISTING PIPE TO REMAIN
	DESIGN PIPE / PIT or ENDWALL
	CoGB SD390 TRENCH BACKFILL (BEHIND KERB)
	CoGB SD391 TRENCH BACKFILL (UNDER NEW ROAD)
	CoGB SD392 TRENCH BACKFILL (UNDER EXISTING ROAD)

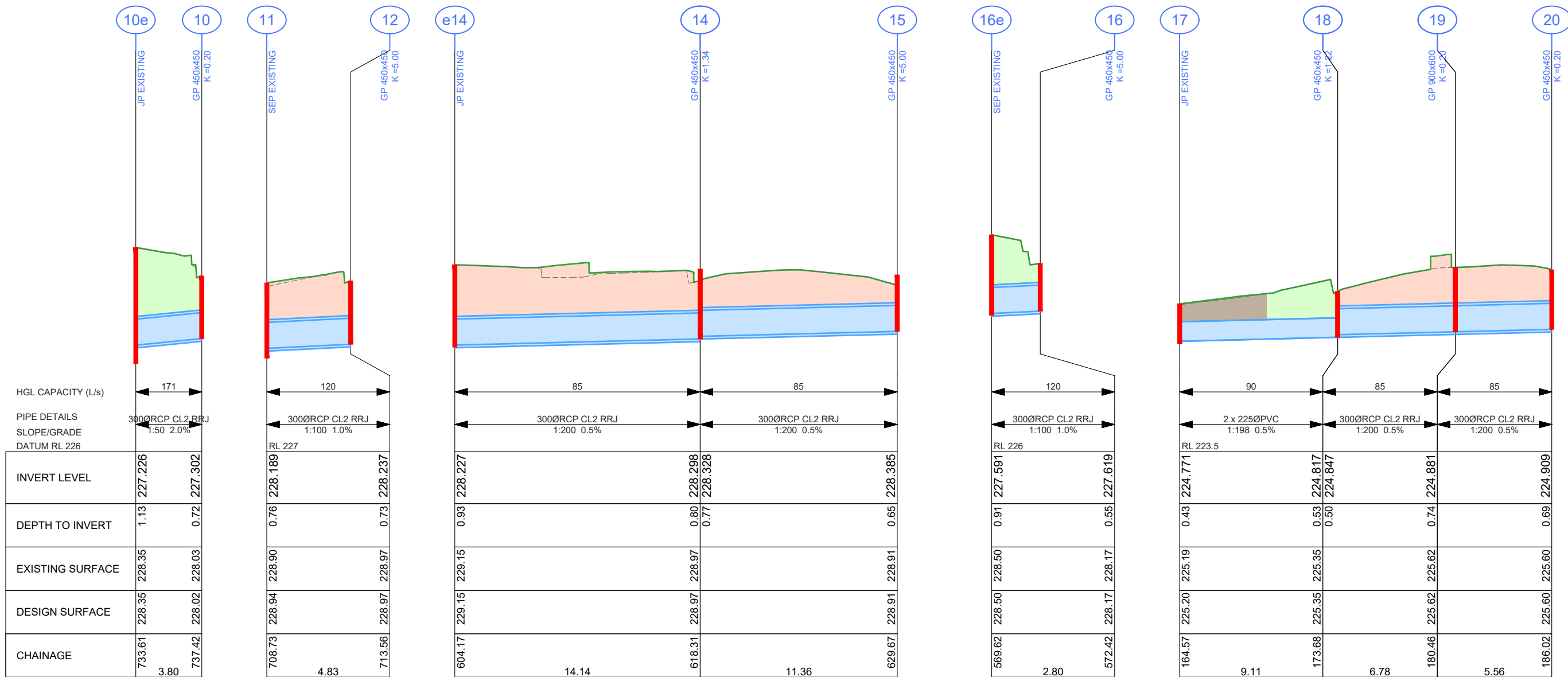


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
DRAINAGE LONG SECTIONS		Sheet number:	20 of 22
		Plan Scale:	AS SHOWN A3
		Plotted:	06/03/2024 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



HGL CAPACITY (L/s)
 PIPE DETAILS
 SLOPE/GRADE
 DATUM RL 226

	10e	10	11	12	e14	14	15	16e	16	17	18	19	20
INVERT LEVEL	227.226	227.302	228.189	228.237	228.227	228.298 228.328	228.385	227.591	227.619	224.771	224.817 224.847	224.881	224.909
DEPTH TO INVERT	1.13	0.72	0.76	0.73	0.93	0.80 0.77	0.65	0.91	0.55	0.43	0.53 0.50	0.74	0.69
EXISTING SURFACE	228.35	228.03	228.90	228.97	229.15	228.97	228.91	228.50	228.17	225.19	225.35	225.62	225.60
DESIGN SURFACE	228.35	228.02	228.94	228.97	229.15	228.97	228.91	228.50	228.17	225.20	225.35	225.62	225.60
CHAINAGE	733.61 3.80 737.42		708.73 4.83 713.56		604.17 14.14 618.31	228.298 228.328 11.36	629.67	569.62 2.80 572.42		164.57 9.11 173.68	224.817 224.847 6.78	180.46 5.56 186.02	

DRAINAGE LONGITUDINAL SECTION
 SCALES: HORIZONTAL 1:250 VERTICAL 1:50

LEGEND

- EXISTING PIPE TO REMAIN
- DESIGN PIPE / PIT or ENDWALL
- CoGB SD390 TRENCH BACKFILL (BEHIND KERB)
- CoGB SD391 TRENCH BACKFILL (UNDER NEW ROAD)
- CoGB SD392 TRENCH BACKFILL (UNDER EXISTING ROAD)

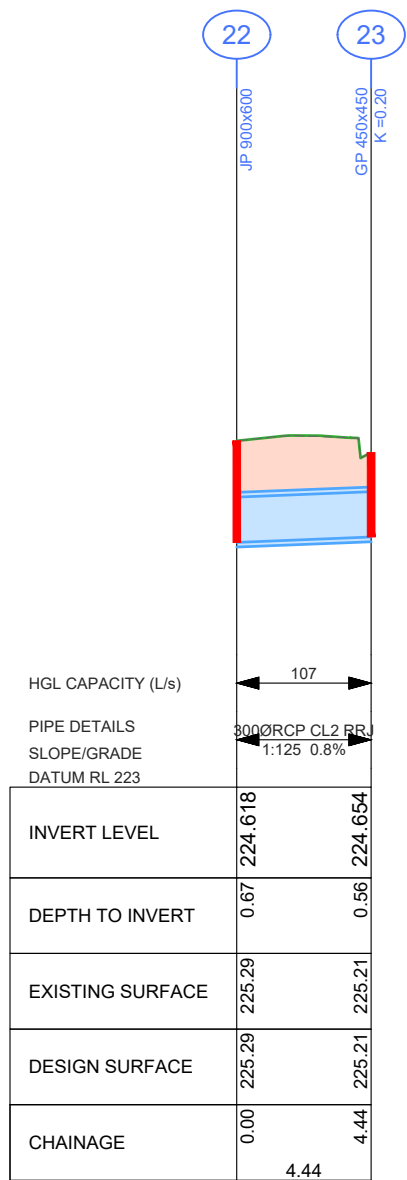


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS	
Location:	WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
Suburb:	BENDIGO
Works:	BLACKSPOT - RAISED CROSSINGS
GB No:	GB5110

SHEET DETAILS			
DRAINAGE LONG SECTIONS			Sheet number: 21 of 22
			Plan Scale: AS SHOWN A3
Plotted: 06/03/2024 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
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DRAINAGE LONGITUDINAL SECTION
 SCALES: HORIZONTAL 1:250 VERTICAL 1:50

Pit Schedule										
Pit No.	Pit Type	Standard Drawing	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level
			(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)
01	Side Entry Pit	COGB SD590-A-D-G-T	600	900	90	223.168	225	223.425	0.930	224.098
02	Grated Pit	COGB SD590-A-D-K-U	450	450	300	222.879	90	222.877	0.727	223.606
03	Grated Pit	COGB SD590-A-D-K-U	450	450	300	223.170	150	222.098	0.551	223.721
04	Grated Pit	COGB SD590-A-D-K-U	450	450	225	223.865	150	222.839	0.690	224.555
05	Grated Pit	COGB SD590-A-D-K-U	450	450	300	224.555	150	224.437	0.590	225.144
06	Grated Pit	COGB SD590-A-D-K-U	450	450	300	224.375	150	228.271	0.730	225.105
07	Grated Pit	IDM SD495	450	450	150	227.245	150	227.465	0.575	227.820
08	Grated Pit	COGB SD590-A-D-K-U	450	450	300	227.258	150	229.726	0.730	227.988
09	Grated Pit	COGB SD590-A-D-K-U	450	450	300	227.127	150	229.726	0.725	227.852
10	Grated Pit	COGB SD590-A-D-K-U	450	450	300	227.302	150	229.726	0.723	228.025
11	Side Entry Pit	Replace lid with Fibreglass lid	-	-	150	228.077	300	228.189	0.867	228.944
12	Grated Pit	COGB SD590-A-D-K-U	450	450	300	228.237	150	229.726	0.730	228.967
13	Junction Pit	Raise lid 120mm and replace with Fibreglass Lid	-	-	150	228.771	150	228.771	0.459	229.229
14	Grated Pit	COGB SD590-A-D-K-U	450	450	300	228.298	300	228.328	0.805	229.103
15	Grated Pit	COGB SD590-A-D-K-U	450	450	300	228.385	150	229.726	0.652	229.037
16	Grated Pit	COGB SD590-A-D-K-U	450	450	300	227.619	225	229.726	0.550	228.169
17	Junction Pit	Replace lid with Fibreglass lid	-	-	150	224.741	225	224.771	0.462	225.203
18	Grated Pit	COGB SD590-A-D-K-U	450	450	225	224.817	300	224.847	0.531	225.348
19	Grated Pit	COGB SD590-A-D-L-U	600	900	300	224.881	300	224.881	0.742	225.623
20	Grated Pit	COGB SD590-A-D-K-U	450	450	300	224.909	150	225.890	0.687	225.595
21	Junction Pit	Replace Lid with Fibreglass Lid	-	-	150	224.566	150	224.566	0.544	225.110
22	Junction Pit	COGB SD590-A-D-G-T	600	900			300	224.618	0.672	225.290
23	Grated Pit	COGB SD590-A-D-K-U	450	450	300	224.654	150	224.556	0.559	225.212

LEGEND

- EXISTING PIPE TO REMAIN
- DESIGN PIPE / PIT or ENDWALL
- CoGB SD390 TRENCH BACKFILL (BEHIND KERB)
- CoGB SD391 TRENCH BACKFILL (UNDER NEW ROAD)
- CoGB SD392 TRENCH BACKFILL (UNDER EXISTING ROAD)



PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	25/05/23
Designer:	B. JANSSEN	02/01/24
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 5

PROJECT DETAILS

Location: WILLIAMSON, MOLLISON, MCLAREN & MUNDY STREETS
 Suburb: BENDIGO
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 GB No: GB5110

SHEET DETAILS

DRAINAGE LONG SECTIONS

Sheet number: 22 of 22
 Plan Scale: AS SHOWN A3
 Plotted: 06/03/2024 By: Bayley Janssen

SHEET REVISIONS AFTER TENDER		Approved by		Date	
Revision	Description				
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