

GALVIN STREET

BENDIGO

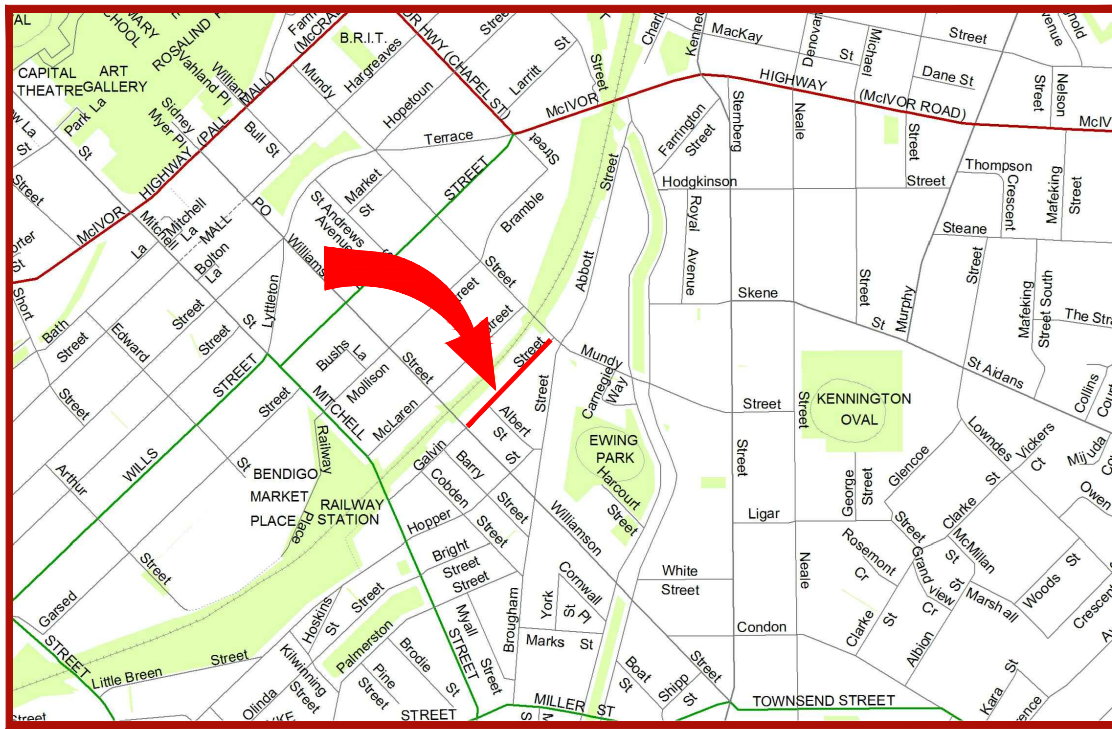
GB4860

FOOTPATH CONSTRUCTION



OCTOBER 2022

DOCUMENT CONTROL				
SHEET No.	SHEET DESC.	25/10/22	X/1/22	X/1/22
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	A		
2	GENERAL NOTES & TYPICAL SECTION	A		
3 - 5	LAYOUT PLAN & LONG SECTION	A		
6 - 9	CROSS SECTIONS	A		
10	SETOUT	A		

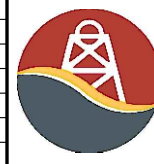


LOCALITY MAP



PROJECT EXTENTS

PROJECT PLANNING REQUIREMENTS				AMENDMENTS			
Item	Required	Comments	Completed	Revision	Description	Approved by	Date
Vegetation	Yes	Contact Arborist for assessment	xx/xx/22	-	-	-	-
RRV	No	-	-	-	-	-	-
CMA	No	-	-	-	-	-	-
Planning Permit	No	-	-	-	-	-	-
Land Acquisition	No	-	-	-	-	-	-
CHMP	No	-	-	-	-	-	-
Other	No	-	-	-	-	-	-

CITY OF GREATER BENDIGO	
	GALVIN STREET BENDIGO FOOTPATH CONSTRUCTION
	COVER SHEET

Survey	H. WHYTECK	SEP. 2022
Design	L. OLIVER	OCT. 2022
Checked	A. SMITH	-/1/22
Approved by	N. SARTORI	-/1/22
Scale: -	Revision: A	
Original sheet size: A3	File: GB4860.dwg	
Sheet: 1 OF 10	Reference: GB4860	

**PRELIMINARY DESIGN
DRAFT 2**

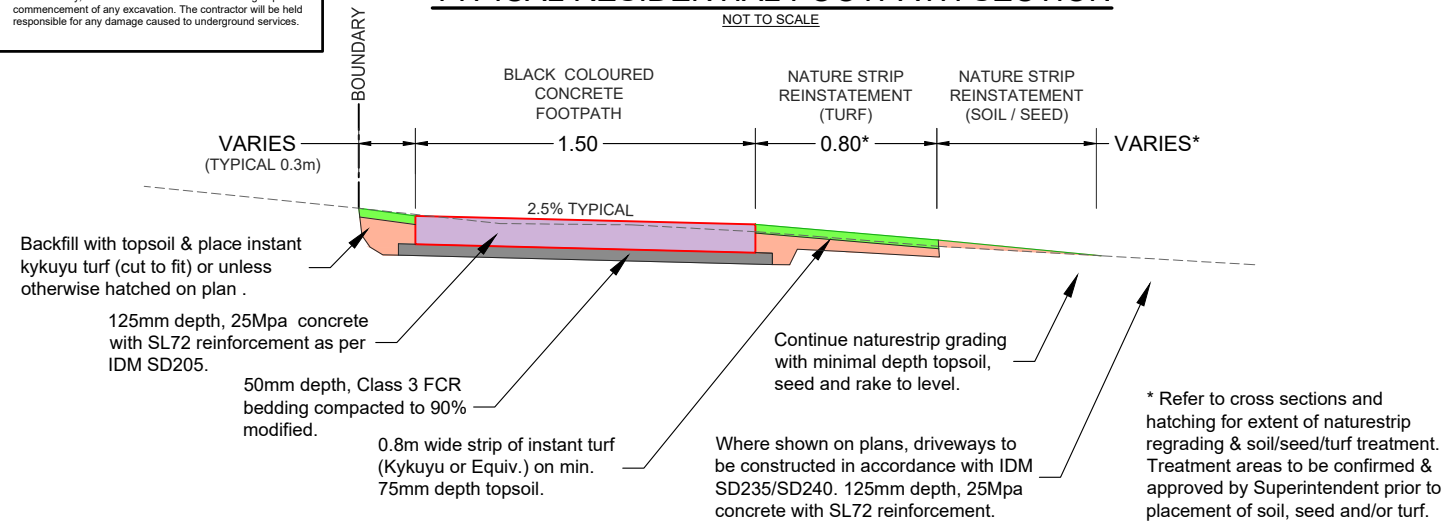
Plot Date: 25/10/2022
Plotted By: LEIGH OLIVER



IMPORTANT!
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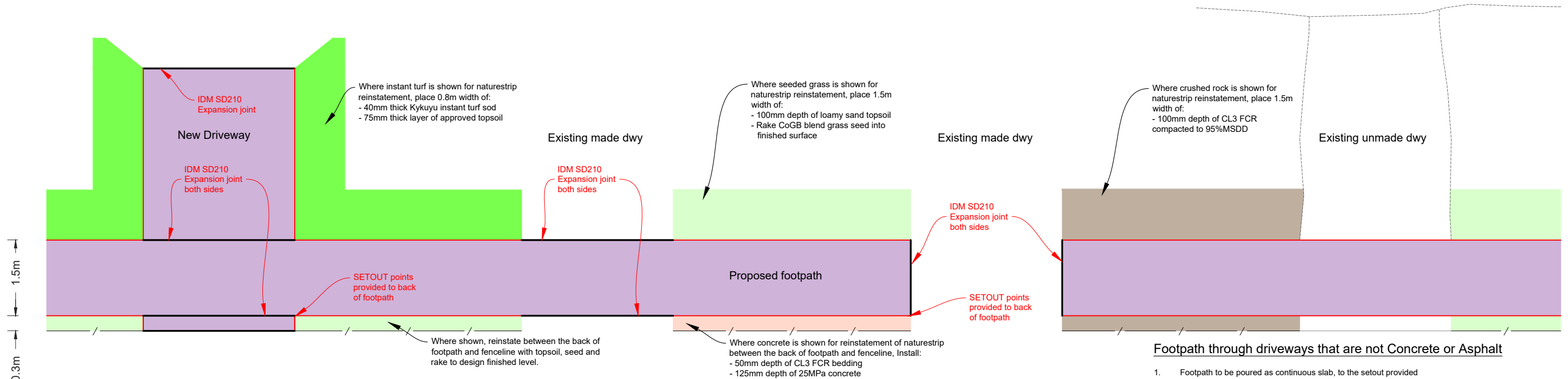
TYPICAL RESIDENTIAL FOOTPATH SECTION

NOT TO SCALE



TYPICAL FOOTPATH DETAILS AT DRIVEWAY CROSSINGS

NOT TO SCALE



New Driveway to be Constructed

- Footpath to be poured as continuous slab
- New concrete or asphalt driveway to be constructed only where indicated on the Construction plans
- New Concrete Dwy -
 - 125mm thick 25MPa concrete slab
 - Central SL72
 - 50mm CL3 FCR compacted to 90%MMDD
 - IDM SD210 Expansion joint at back of layback
 - IDM SD210 Expansion joint adjacent footpath
 - IDM SD210 Expansion joint adjacent existing conc dwy
- Asphalt Dwy -
 - 40mm type L (7mm stone)
 - 150mm CL3 FCR compacted to 96%MMDD
 - Timber edging (or reinstate existing owners edging as required by agreement with CoGB superintendent)
- Driveway to span to edge of property boundary unless noted otherwise

Footpath through existing Conc. or Asph. Dwy

- Sawcut
 - Existing Conc dwy - Sawcut 1.5 m wide to allow new conc. FP to be constructed
 - Existing Asph dwy - Sawcut 2.1 m wide to allow 1.5m conc. FP to be constructed
 - 300mm width of 40mm depth Type L asphalt on 150mm CL3 FCR compacted to 96%MMDD each side of footpath to ensure smooth transition from dwy to footpath to dwy
- Concrete footpath to be poured as continuous slab
- Footpath to match existing driveway levels unless Construction plans note otherwise
- Existing Conc Dwys are to have an IDM SD210 Expansion joint installed between the existing driveway and the new footpath on both sides

Match footpath to existing Conc. dwy

- Footpath to match levels of existing driveway edges
- IDM SD210 expansion joint to be installed where footpath matches into existing concrete driveway

Footpath through driveways that are not Concrete or Asphalt

- Footpath to be poured as continuous slab, to the setout provided
- To reinstate driveway, place and compact an area of material that matches the existing driveway material (eg white pebbles, brick paving, crusher dust, etc).
 - The width of the material to be placed is to match the width of the existing driveway material
 - The depth of the driveway material is to be 125mm. Any extra filling required to match the level of the footpath is to be done with approved clean material which is to be compacted to 95%SMDD
 - Where there is no material (eg earth), Class 3 FCR shall be used.
- The new driveway material shall extend to a minimum of 0.3m away from the footpath on both sides of the new footpath.
 - If 0.3m offset is not adequate to create a smooth vertical transition for vehicles traversing the driveway, the offset of new driveway material shall be increased to a maximum of 2.0m.
 - If the new material is required to enter private property, approval must be sought from the property owner prior to installation.
 - If a transition greater than 2.0m is required, approval must be sought from the Superintendent

FOOTPATH CONSTRUCTION NOTES

- Footpath to be constructed to IDM SD205 unless noted otherwise.
- An IDM SD210 expansion joint shall be provided at any joint with existing footpath, kerb, bridge or structural slab unless noted otherwise, or as directed by the superintendent.
- IDM SD210 expansion joints along new sections of footpath are to be at a maximum separation of 14m centres as per IDM SD205.
- Tool joints are to be at 1.5m centres for 1.5m wide footpath, 2.5m centres for 2.5m wide footpath and to be constructed as per IDM SD210 unless noted otherwise.
- Batter work and associated top soiling is to be limited to 2.0m from design edge of the footpath or unless otherwise noted. This width cannot be altered without consent from the superintendent.
- Plant and equipment is to be kept within the finished works area to avoid unnecessary damage to nature strips.
- Pedestrian crossings are to be as per CoGB SD192.
- All TGSIs are to be black (if on plain concrete), or white (if on black concrete) and shall be fibre reinforced polymer type and positioned in accordance with AS1428 unless noted otherwise or by direction from the Superintendent.
- Any residential mailboxes found to be in conflict with councils proposed assets (within the road reserve) shall be relocated to a position within the property in consultation with the landowner. Should the mailbox be a brick or concrete structure, the mailbox shall be demolished and consultation with the Superintendent shall be sought prior to reconstruction of a similar structure within the property.
- Once works are completed, contractor must undertake a site walk with the Superintendent to identify any hazards or level differences with the works area. Once the site walk is complete, the area may be opened to public use.
- All fill material is to be clean clay based soil, free of vegetative matter and is to be approved by the Superintendent prior to use.
- All earthworks are to be in accordance with VicRoads Specification Section 204.

NOTES ON SERVICE AUTHORITY ASSETS WITHIN THE WORKS AREA

SERVICE AUTHORITY UNDERGROUND INFRASTRUCTURE

- The location of underground services has been derived from available information, and shown on the plans. However accuracy can not be guaranteed. All existing service information should therefore be treated as indicative only and exact service locations must be arranged onsite prior to commencement of any excavation. The contractor will be held responsible for any damage caused to underground services.

PIT LIDS AND VALVE COVER LEVELS AND LOCATION

- All service pit lids or valve covers within the works area are to be raised or lowered to match design surface level unless noted otherwise on the construction plans, or by approval from the Superintendent.
- Any service authority marker posts found within the works area are to be relocated adjacent to their current position to a point 150mm offset from the nearest property boundary.

SERVICE AUTHORITY ASSET RENEWAL

- Any sewer pit covers and or water valve covers within the works area are to be renewed to Coliban Water standards unless noted otherwise.
- PSM covers are to be renewed to CoGB standards using a 300x300mm galvanised steel checker plate flat cover.
- All other valve covers or pits within the works area are not to be renewed unless noted otherwise on the construction plans or by agreement with the Superintendent.

IRRIGATION (COGB OR PRIVATE)

- Contractor responsible for location of irrigation prior to works beginning.
- Any conflicts between existing irrigation and footpath works to be resolved with superintendent onsite during works.

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO	
GALVIN STREET BENDIGO	
FOOTPATH CONSTRUCTION	
GENERAL NOTES & TYPICAL SECTION	

Survey	H. WHYTECK	SEP. 2022
Design	L. OLIVER	OCT. 2022
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision: A	
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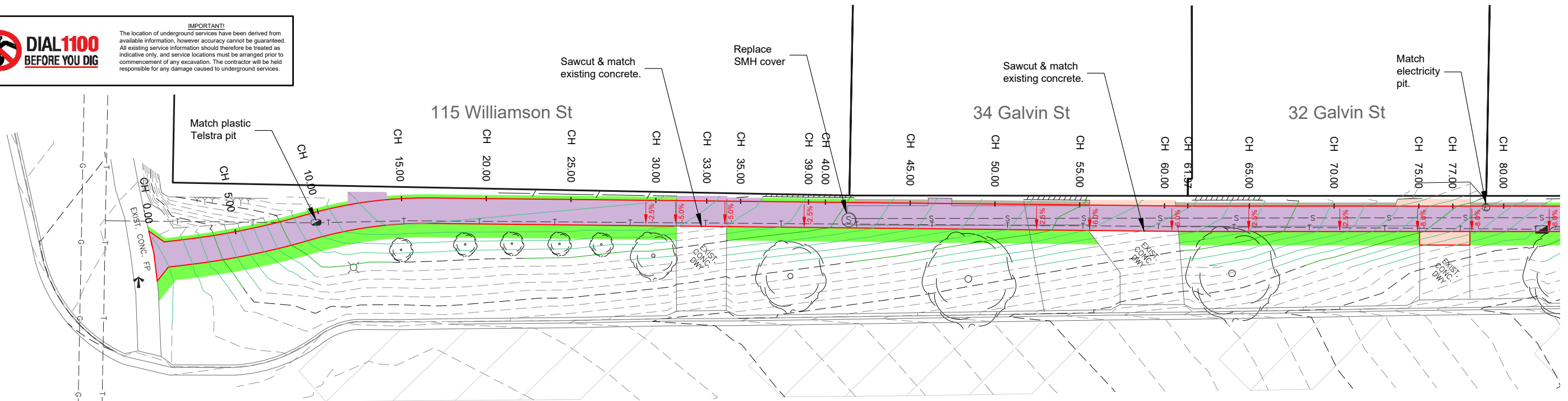
**PRELIMINARY DESIGN
DRAFT 2**

Plot Date: 25/10/2022
Plotted By: LEIGH OLIVER

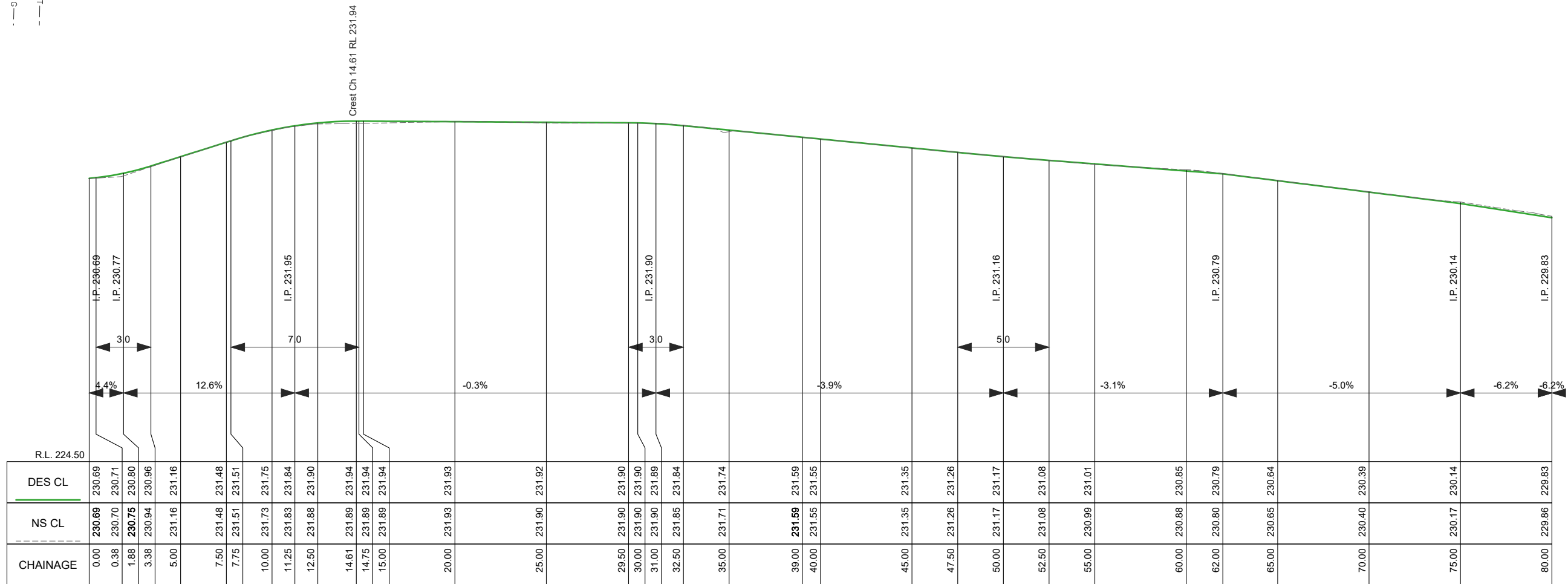


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WILLIAMSON STREET



GALVIN STREET



BFP LONGITUDINAL SECTION CH 0.000 To 80.000
SCALES: H 1:250 V 1:100 (A3)

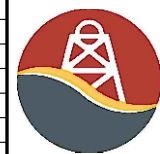
LEGEND

- PROPOSED CONCRETE (WHITE)
Footpaths - Refer SD200, SD205 & SD210
Driveways - Refer SD235 & SD240
- PROPOSED CONCRETE (BLACK)
Footpaths - Refer SD200, SD205 & SD210
Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT:
75mm depth topsoil & kikuyu instant turf
- ASPHALT
- 40mm depth asphalt
- 100mm depth CL3 FCR
- CRUSHED ROCK or GRAVEL
50mm depth
- Design Contour
0.10m interval
- Existing Contour
0.10m interval
- TREE REMOVALS

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO



GALVIN STREET
BENDIGO
FOOTPATH CONSTRUCTION
LAYOUT PLAN & LONGITUDINAL SECTION

Survey	H. WHYTECK	SEP. 2022
Design	L. OLIVER	OCT. 2022
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
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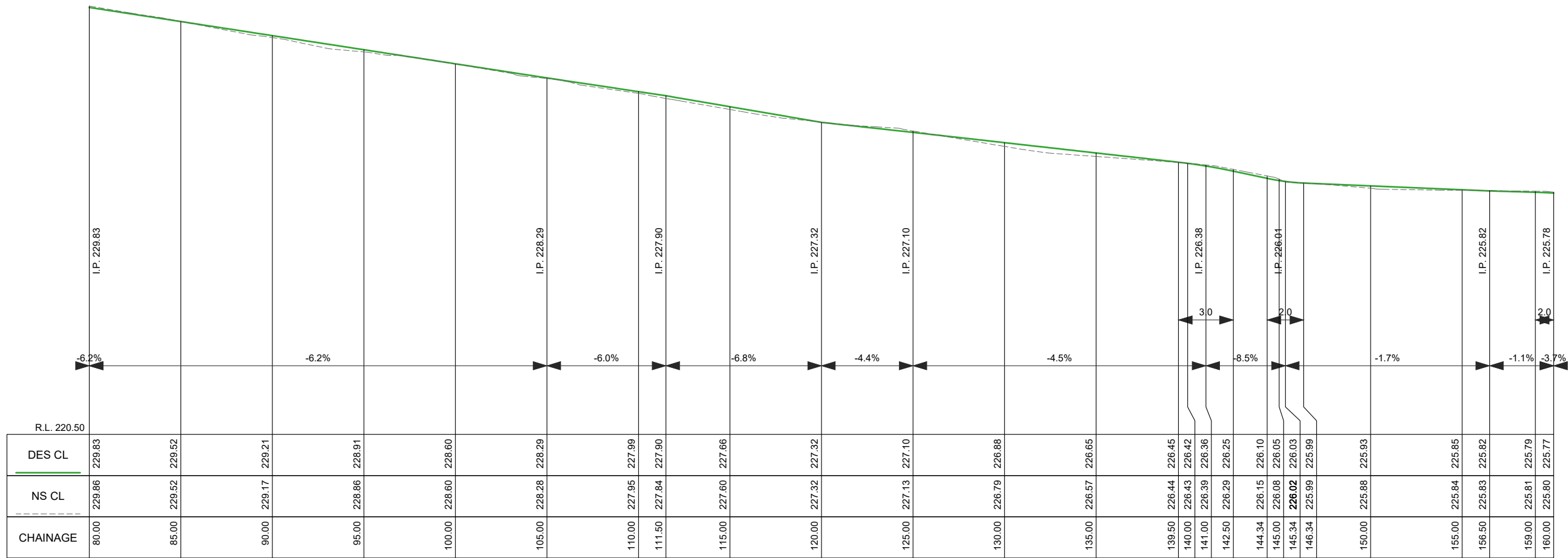
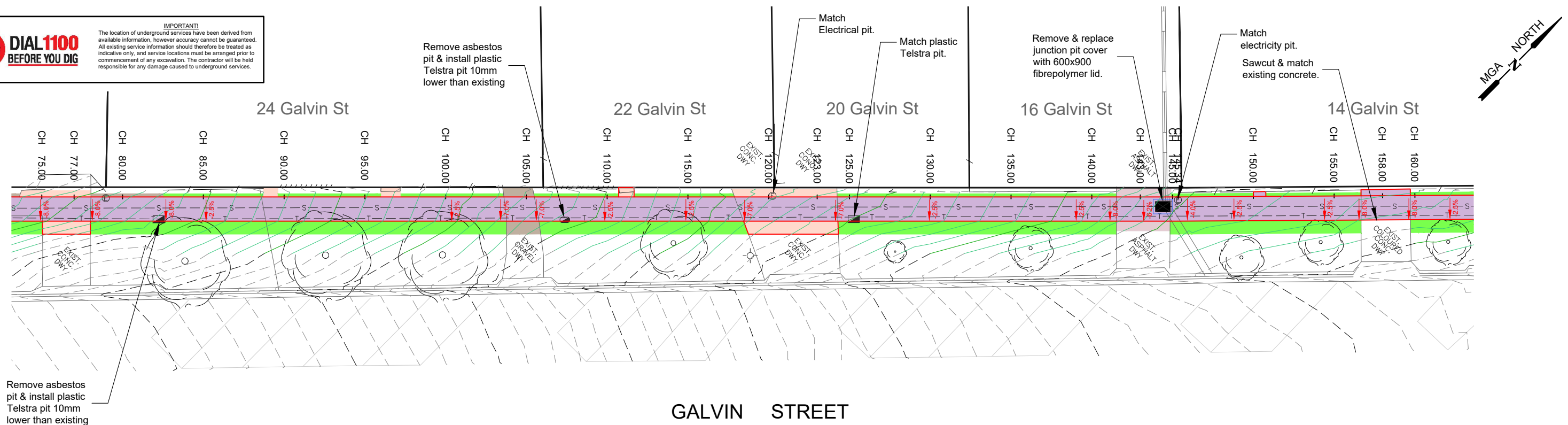
**PRELIMINARY DESIGN
DRAFT 2**

Plot Date: 25/10/2022
Plotted By: LEIGH OLIVER



DIAL 1100
BEFORE YOU DIG

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BFP LONGITUDINAL SECTION CH 80.000 To 160.000
SCALES: H 1:250 V 1:100 (A3)

LEGEND



PROPOSED CONCRETE (WHITE)
Footpaths - Refer SD200, SD205 & SD210
Driveways - Refer SD235 & SD240



PROPOSED CONCRETE (BLACK)
Footpaths - Refer SD200, SD205 & SD210
Driveways - Refer SD235 & SD240



NATURE STRIP REINSTATEMENT:
75mm depth topsoil & kikuyu instant turf



ASPHALT
- 40mm depth asphalt
- 100mm depth CL3 FCR



CRUSHED ROCK or GRAVEL
50mm depth



Design Contour
0.10m interval



Existing Contour
0.10m interval



TREE REMOVALS

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO
GALVIN STREET
BENDIGO
FOOTPATH CONSTRUCTION
LAYOUT PLAN & LONGITUDINAL SECTION

Survey	H. WHYTOK	SEP. 2022
Design	L. OLIVER	OCT. 2022
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: 1:250	Revision: A	
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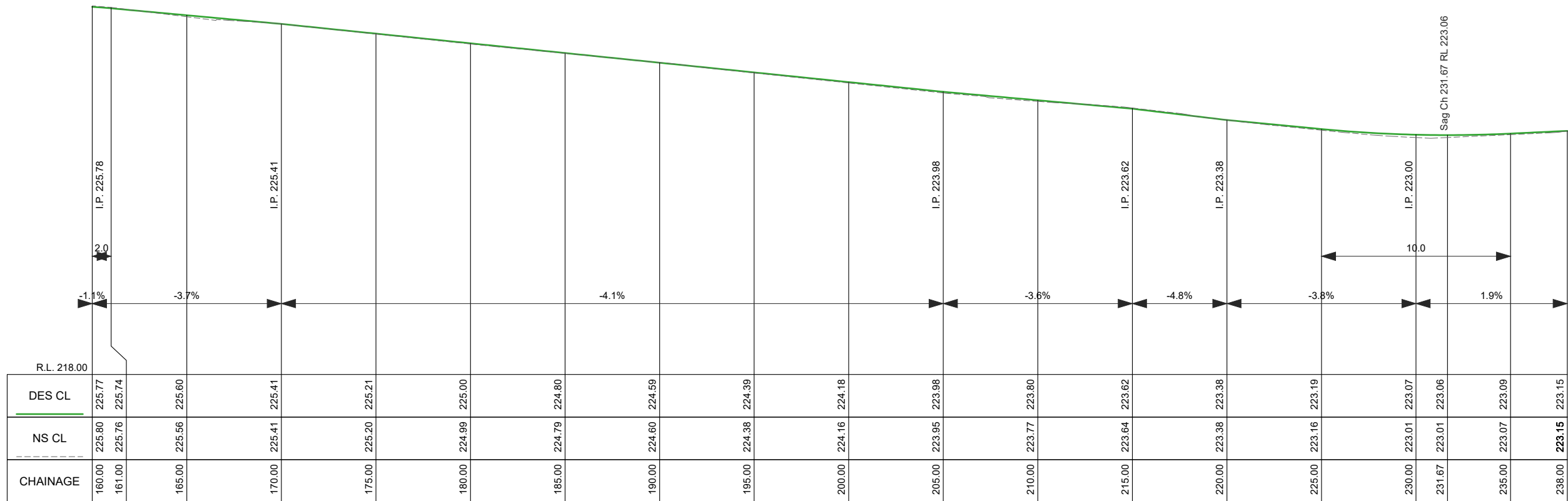
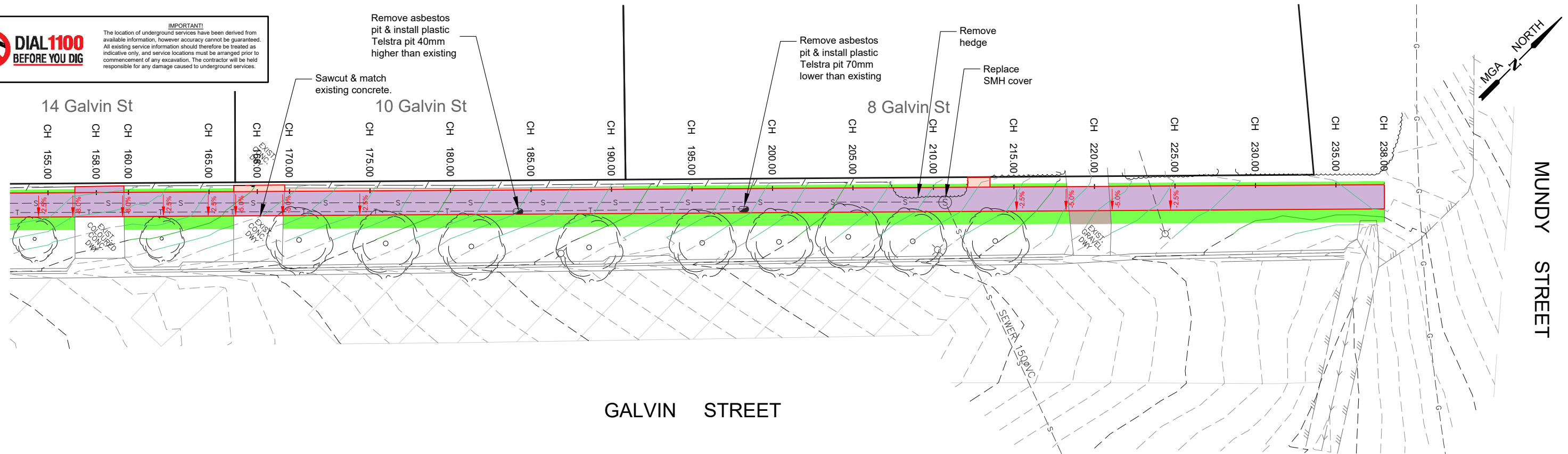
PRELIMINARY DESIGN
DRAFT 2

Plot Date: 25/10/2022
Plotted By: LEIGH OLIVER



DIAL1100
BEFORE YOU DIG

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BFP LONGITUDINAL SECTION CH 160.000 To 238.000
SCALES: H 1:250 V 1:100 (A3)

LEGEND

- 

PROPOSED CONCRETE (WHITE)
Footpaths - Refer SD200, SD205 & SD210
Driveways - Refer SD235 & SD240



PROPOSED CONCRETE (BLACK)
Footpaths - Refer SD200, SD205 & SD210
Driveways - Refer SD235 & SD240



NATURE STRIP REINSTATEMENT:
75mm depth topsoil & kikuyu instant turf
- 

ASPHALT
- 40mm depth asphalt
- 100mm depth CL3 FCR



CRUSHED ROCK or GRAVEL
50mm depth
- 

Design Contour
0.10m interval



Existing Contour
0.10m interval



TREE REMOVALS

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

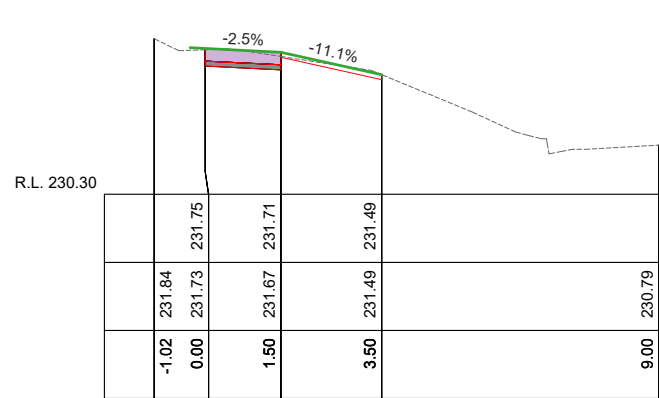


CITY OF GREATER BENDIGO
GALVIN STREET
BENDIGO
FOOTPATH CONSTRUCTION
LAYOUT PLAN & LONGITUDINAL SECTION

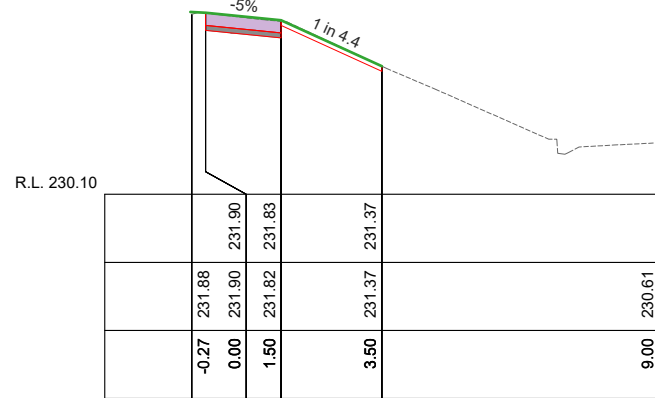
Survey	H. WHYTECK	SEP. 2022
Design	L. OLIVER	OCT. 2022
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
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Sheet: 5 OF 10	Reference: GB4860	

PRELIMINARY DESIGN
DRAFT 2

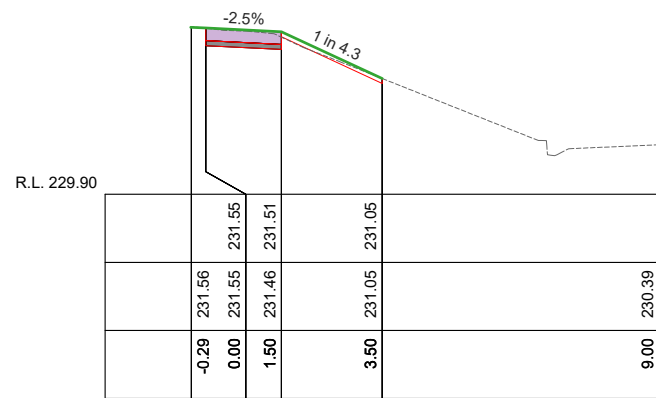
Plot Date: 25/10/2022
Plotted By: LEIGH OLIVER



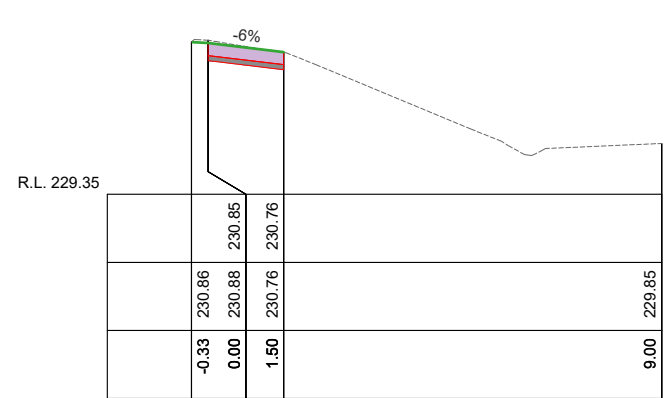
Ch 10.00



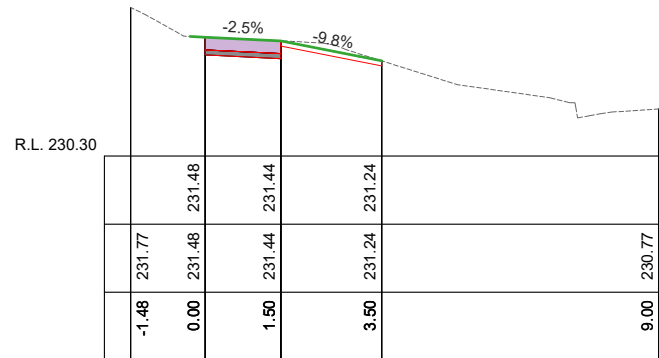
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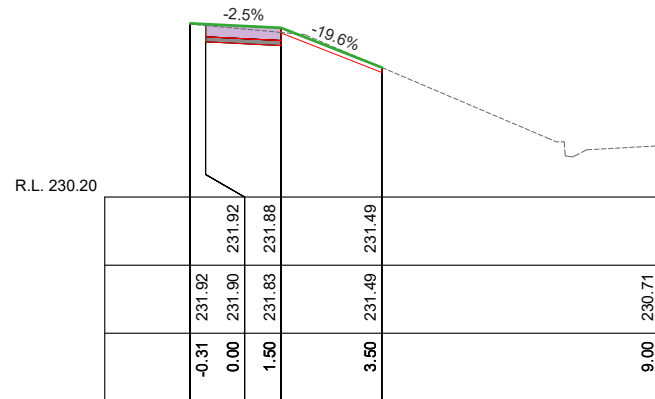
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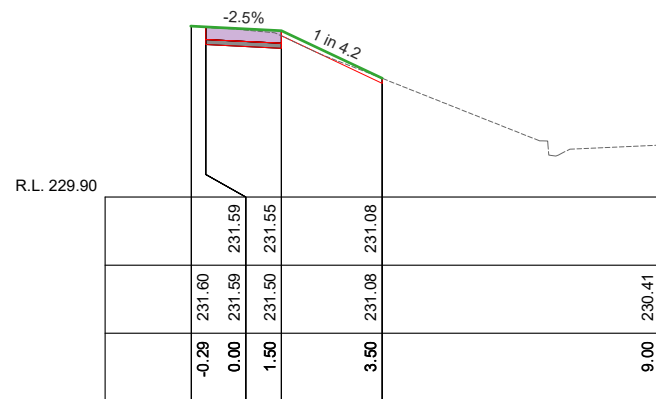
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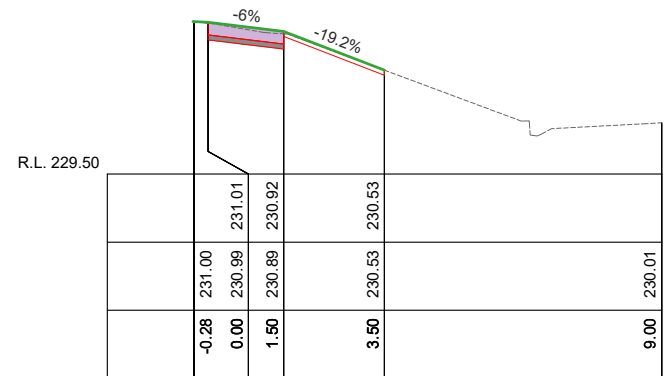
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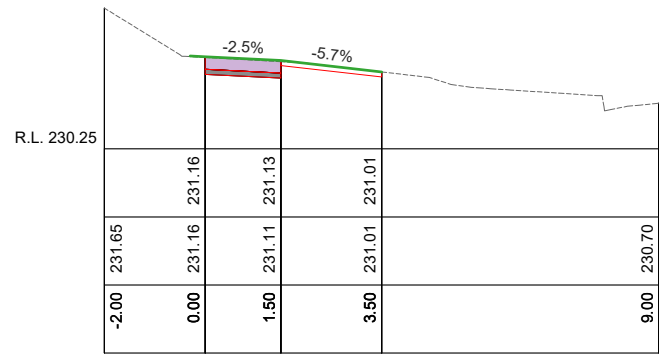
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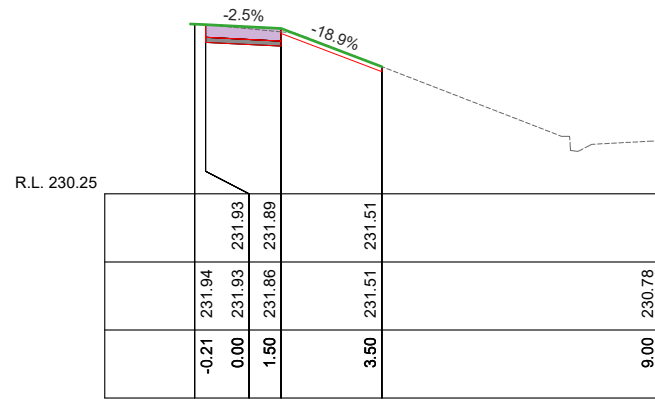
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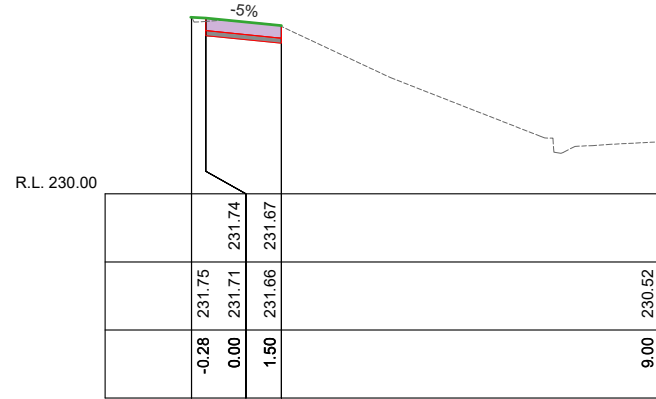
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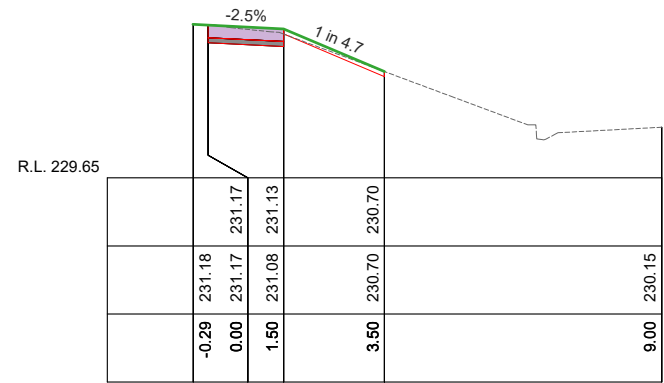
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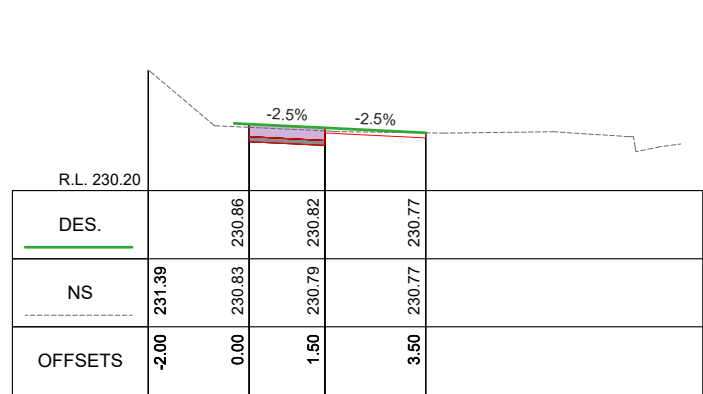
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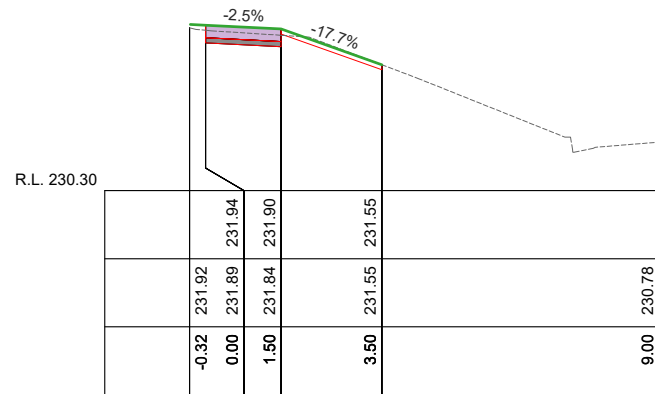
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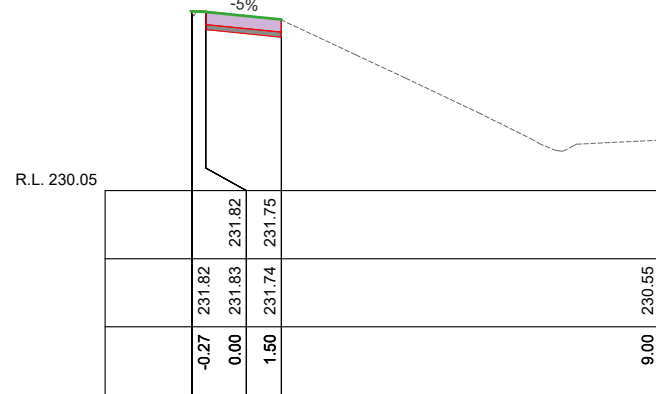
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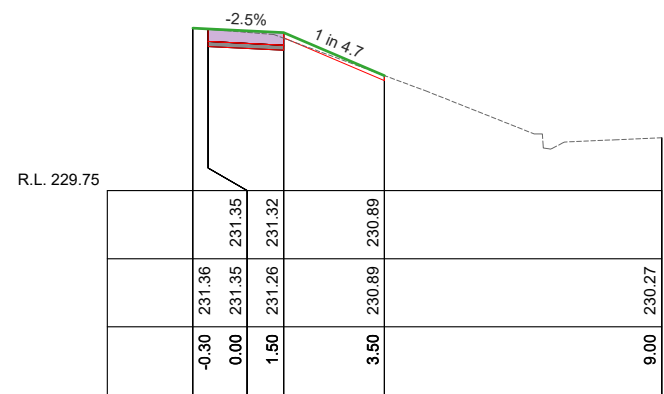
Ch 2.50



Ch 15.00



Ch 33.00



Ch 45.00

BFP CROSS SECTIONS
SCALES: H 1:150 V 1:75 (A3)

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

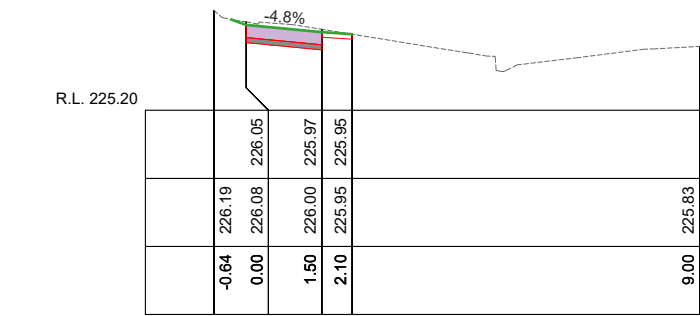
GALVIN STREET BENDIGO FOOTPATH CONSTRUCTION

CROSS SECTIONS

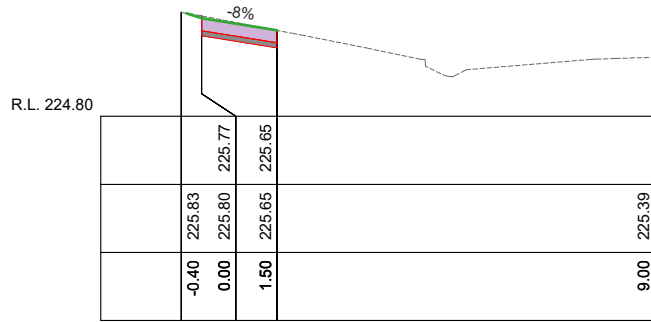
Survey	H. WHYTECK	SEP. 2022
Design	L. OLIVER	OCT. 2022
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale:	AS SHOWN	Revision : A
Original sheet size:	A3	File : GB4860.dwg
Sheet:	6 OF 10	Reference: GB4860

**PRELIMINARY DESIGN
DRAFT 2**

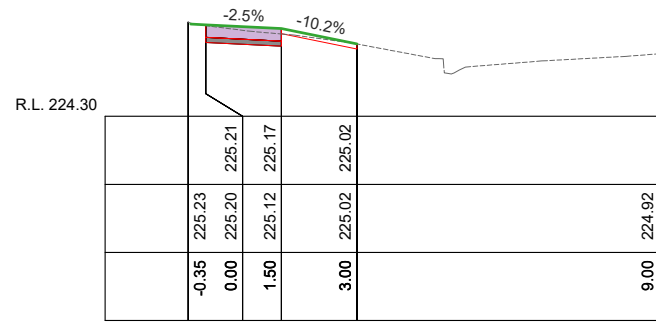
Plot Date: 25/10/2022
Plotted By: LEIGH OLIVER



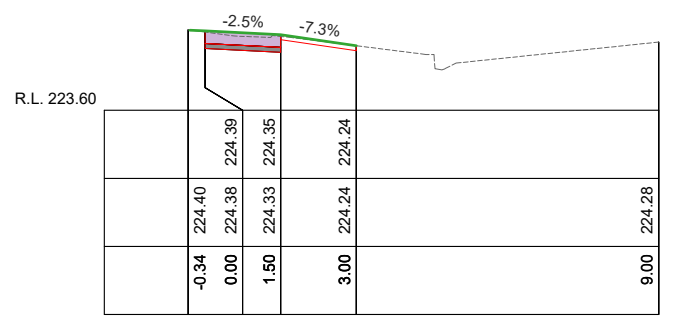
Ch 145.00



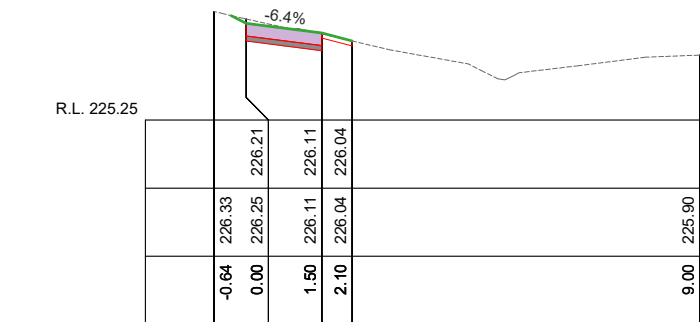
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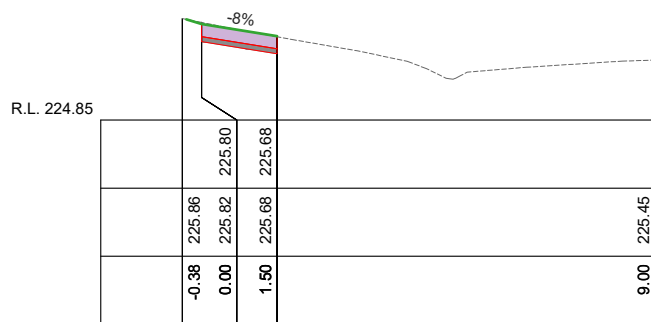
Ch 175.00



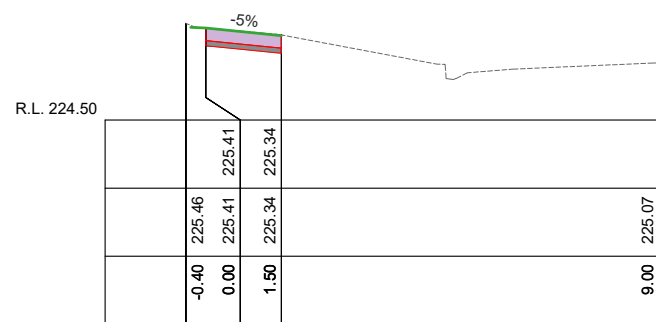
Ch 195.00



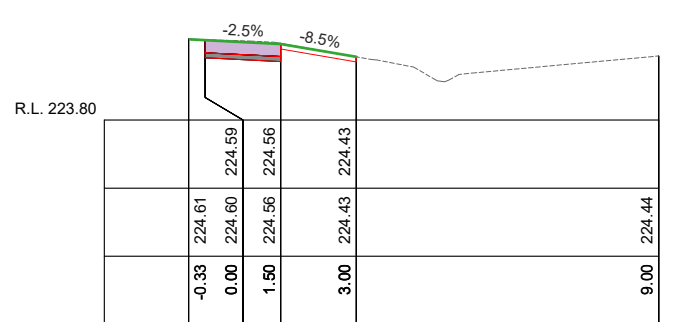
Ch 143.00



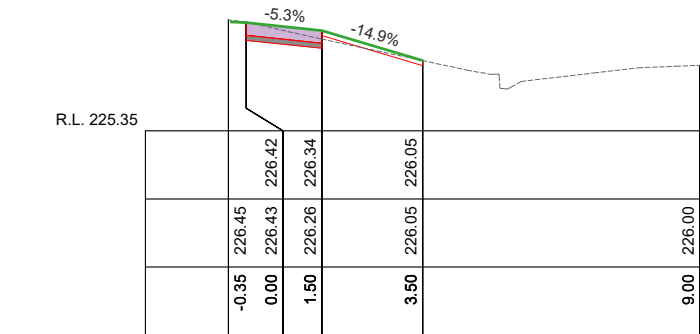
Ch 158.00



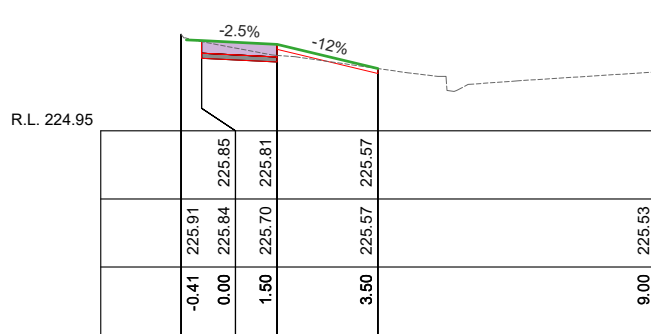
Ch 170.00



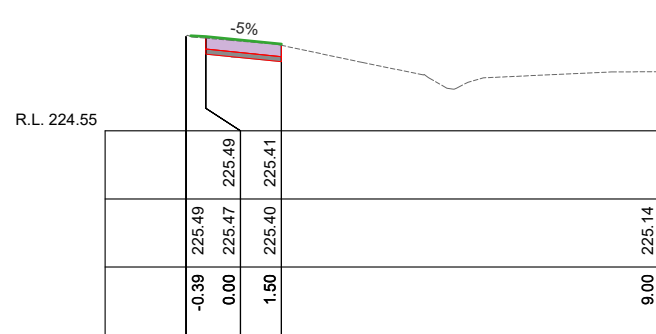
Ch 190.00



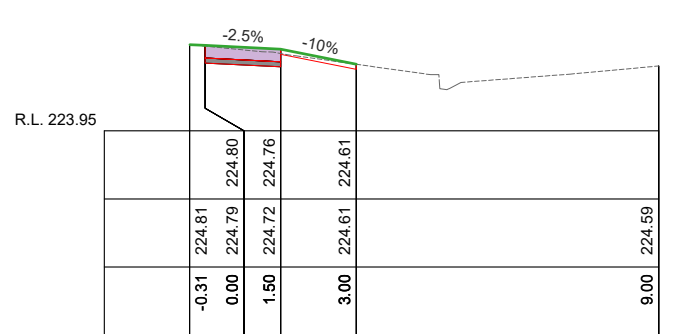
Ch 140.00



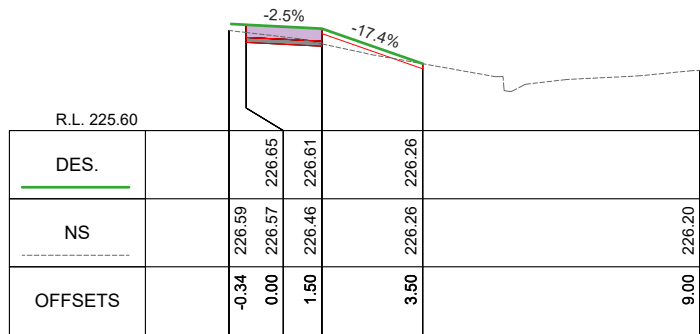
Ch 155.00



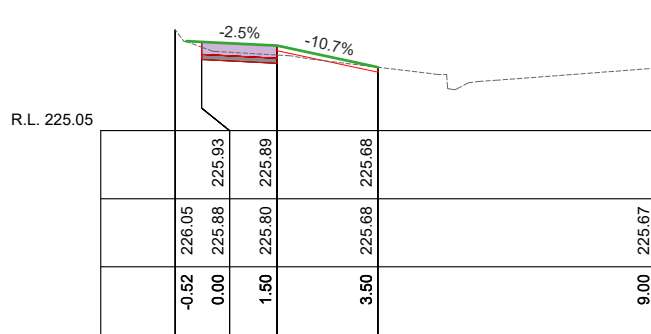
Ch 168.00



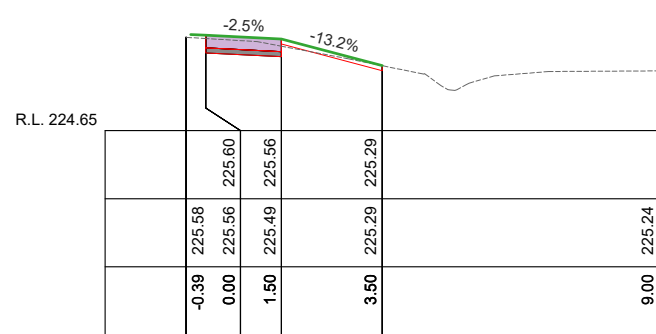
Ch 185.00



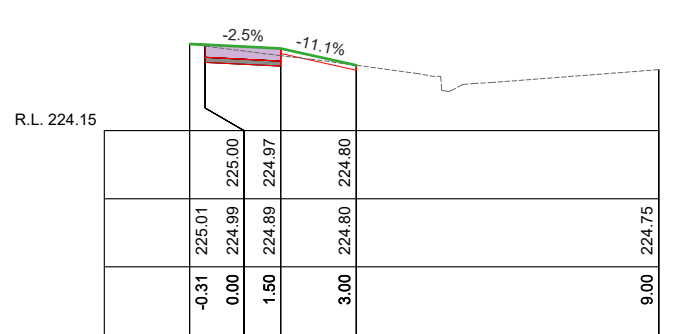
Ch 135.00



Ch 150.00



Ch 165.00



Ch 180.00

BFP CROSS SECTIONS
SCALES: H 1:150 V 1:75 (A3)

AMENDMENTS			
Revision	Description	Approved by	Date
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CITY OF GREATER BENDIGO

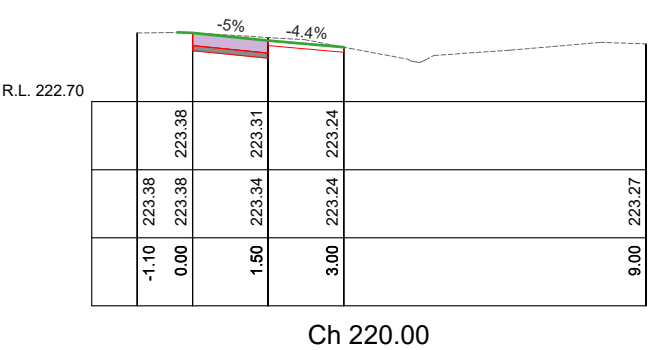
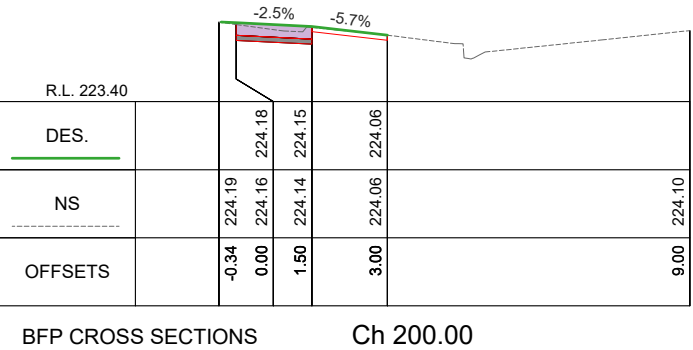
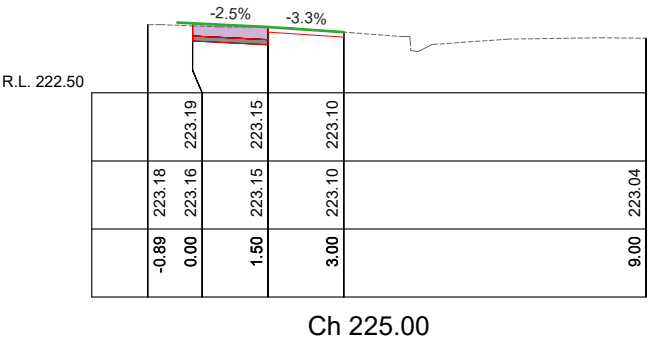
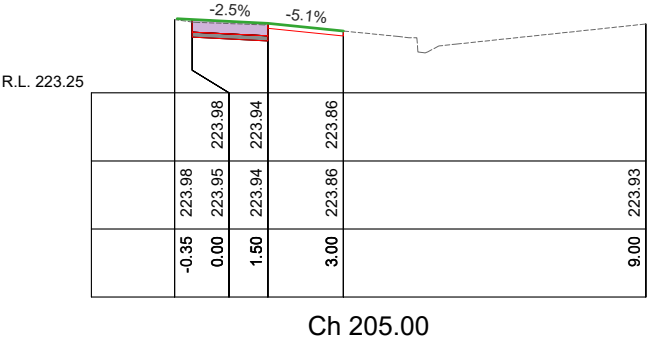
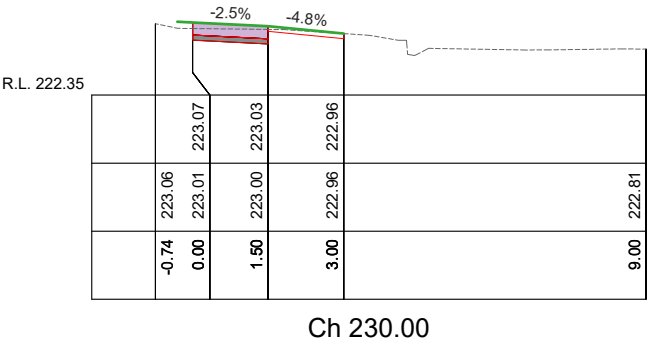
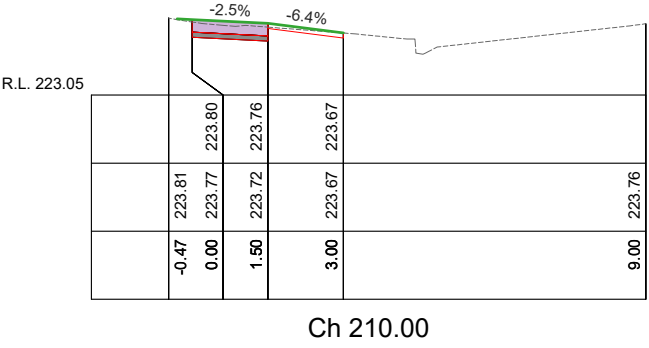
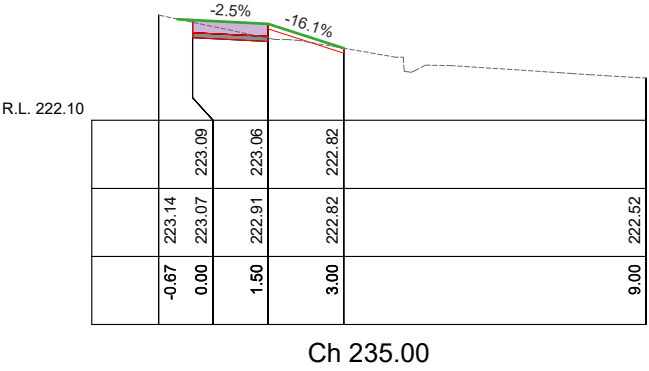
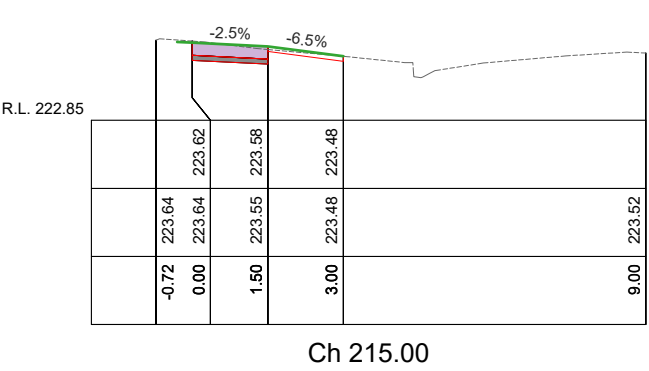
GALVIN STREET
BENDIGO
FOOTPATH CONSTRUCTION

CROSS SECTIONS

Survey	H. WHYTOCK	SEP. 2022
Design	L. OLIVER	OCT. 2022
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale:	AS SHOWN	Revision : A
Original sheet size:	A3	File : GB4860.dwg
Sheet:	8 OF 10	Reference: GB4860

PRELIMINARY DESIGN
DRAFT 2

Plot Date: 25/10/2022
Plotted By: LEIGH OLIVER



BFP CROSS SECTIONS
SCALES: H 1:150 V 1:75 (A3)

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

GALVIN STREET
BENDIGO
FOOTPATH CONSTRUCTION

CROSS SECTIONS

Survey	H. WHYTOCK	SEP. 2022
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Sheet:	9 OF 10	Reference: GB4860

PRELIMINARY DESIGN
DRAFT 2

Plot Date: 25/10/2022
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AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

GALVIN STREET
BENDIGO
FOOTPATH CONSTRUCTION

SETOUT

Survey	H. WHYTOCK	SEP. 2022
Design	L. OLIVER	OCT. 2022
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: AS SHOWN	Revision : A	
Original sheet size: A3	File : GB4860.dwg	
Sheet:	Reference:	GB4860
10 OF 10		

**PRELIMINARY DESIGN
DRAFT 2**

Plot Date: 25/10/2022
Plotted By: LEIGH OLIVER