

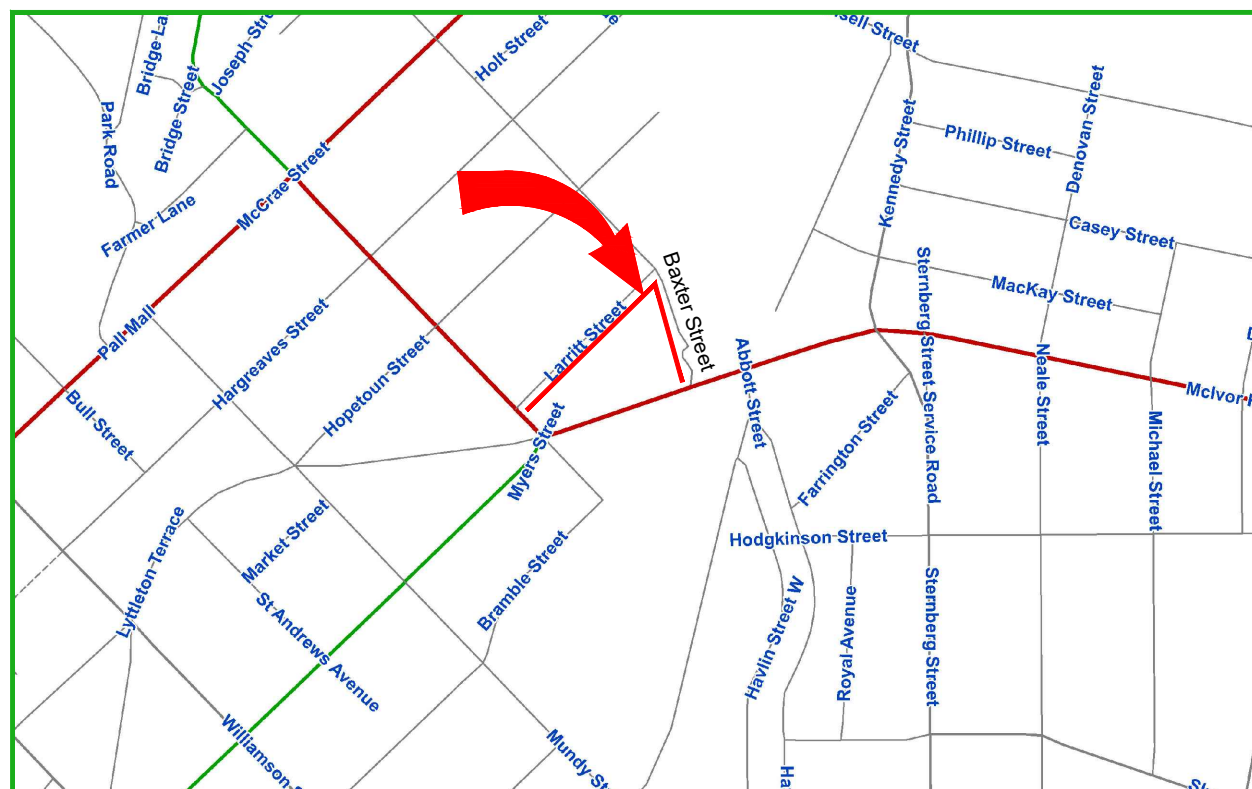
LARRITT & BAXTER STREET, BENDIGO

GB5042

FOOTPATH RENEWAL JULY 2022



DOCUMENT CONTROL				
SHEET No.	SHEET DESC.	28/07/22	xx/xx/20	xx/xx/20
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	A	-	-
2	GENERAL NOTES & TYPICAL SECTION	A	-	-
3	LAYOUT PLAN & LONGITUDINAL SECTION	A	-	-
4	LAYOUT PLAN & LONGITUDINAL SECTION	A	-	-
5	LAYOUT PLAN & LONGITUDINAL SECTION	A	-	-
6	LAYOUT PLAN & LONGITUDINAL SECTION	A	-	-
7	LAYOUT PLAN & LONGITUDINAL SECTION	A	-	-
8	CROSS SECTIONS	A	-	-
9	CROSS SECTIONS	A	-	-
10	CROSS SECTIONS	A	-	-
11	SETOUT	-	-	-
12	SETOUT POINTS & CONTROL MAP	-	-	-



LOCALITY MAP



PROJECT EXTENTS

PROJECT PLANNING REQUIREMENTS				AMENDMENTS			
Item	Required	Comments	Contractor	Revision	Description	Approved by	Date
Vegetation	No	-		-			
RRV	No	-					
CMA	No	-					
Planning Permit	No	-					
Land Acquisition	No	-					
CHMP	No	-					
Other	No	-					

CITY OF GREATER BENDIGO

LARRITT & BAXTER STREET
BENDIGO
FOOTPATH RENEWAL
COVER SHEET

Survey	H. WHYTOCK	20/07/22
Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-/21
Approved by	N. SARTORI	-/-/21
Scale: -	Revision: A	
Original sheet size: A3	File: GB5042.dwg	
Sheet: 1 OF 10	Reference: GB5042	

**PRELIMINARY DESIGN
DRAFT 3**

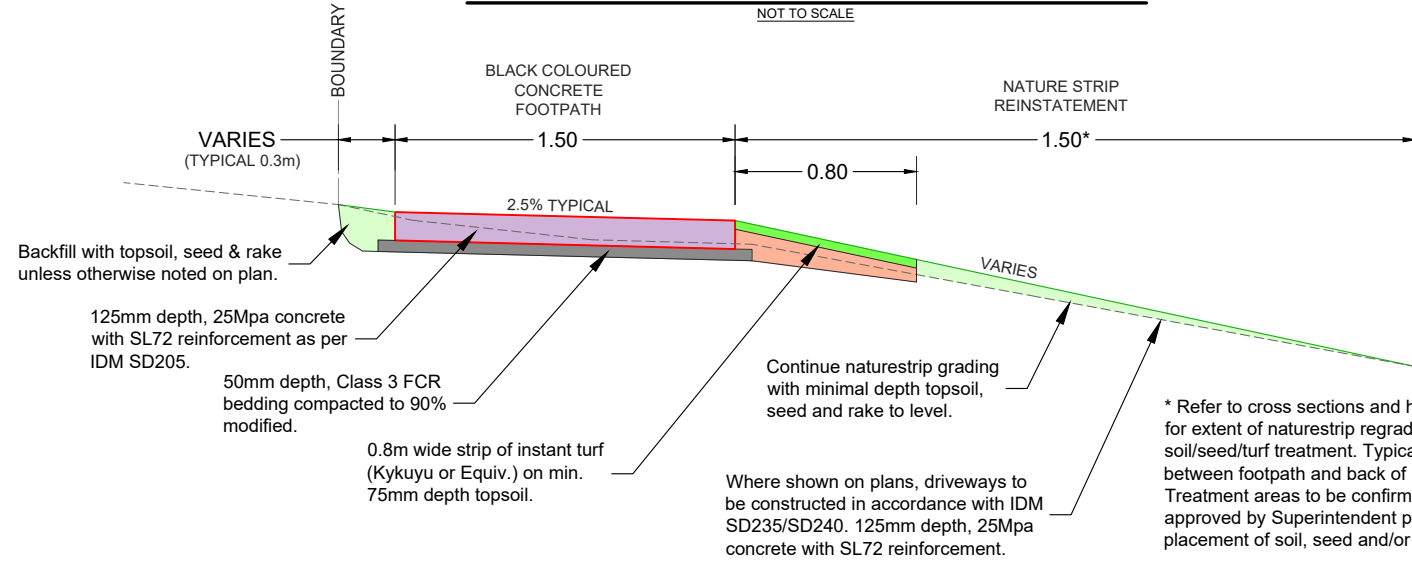
Plot Date: 1/08/2022
Plotted By: BAYLEY JANSSEN



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.

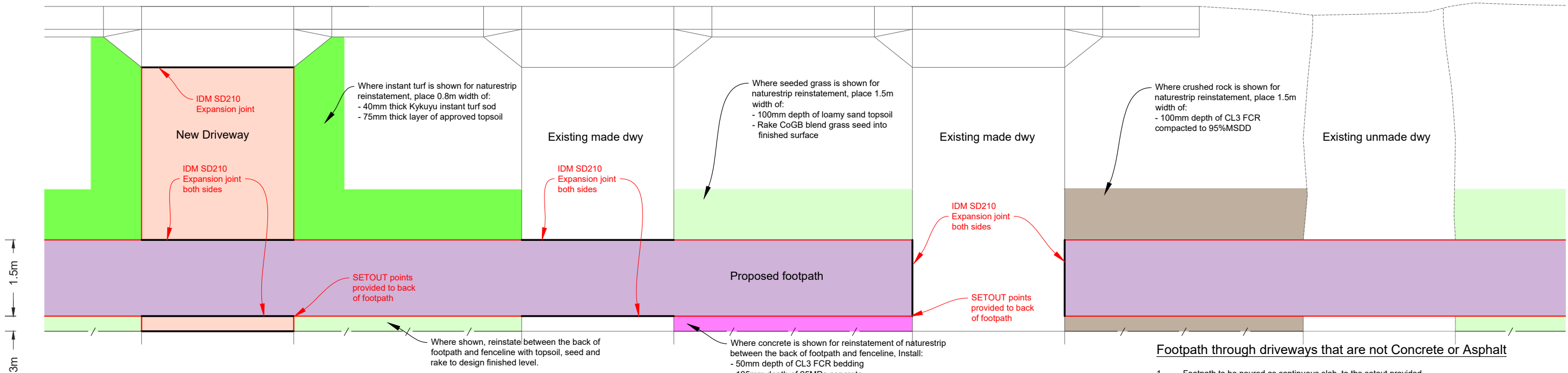
TYPICAL RESIDENTIAL FOOTPATH SECTION

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 topsoiling 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
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CITY OF GREATER BENDIGO

LARRITT & BAXTER STREET
BENDIGO
FOOTPATH RENEWAL

GENERAL NOTES

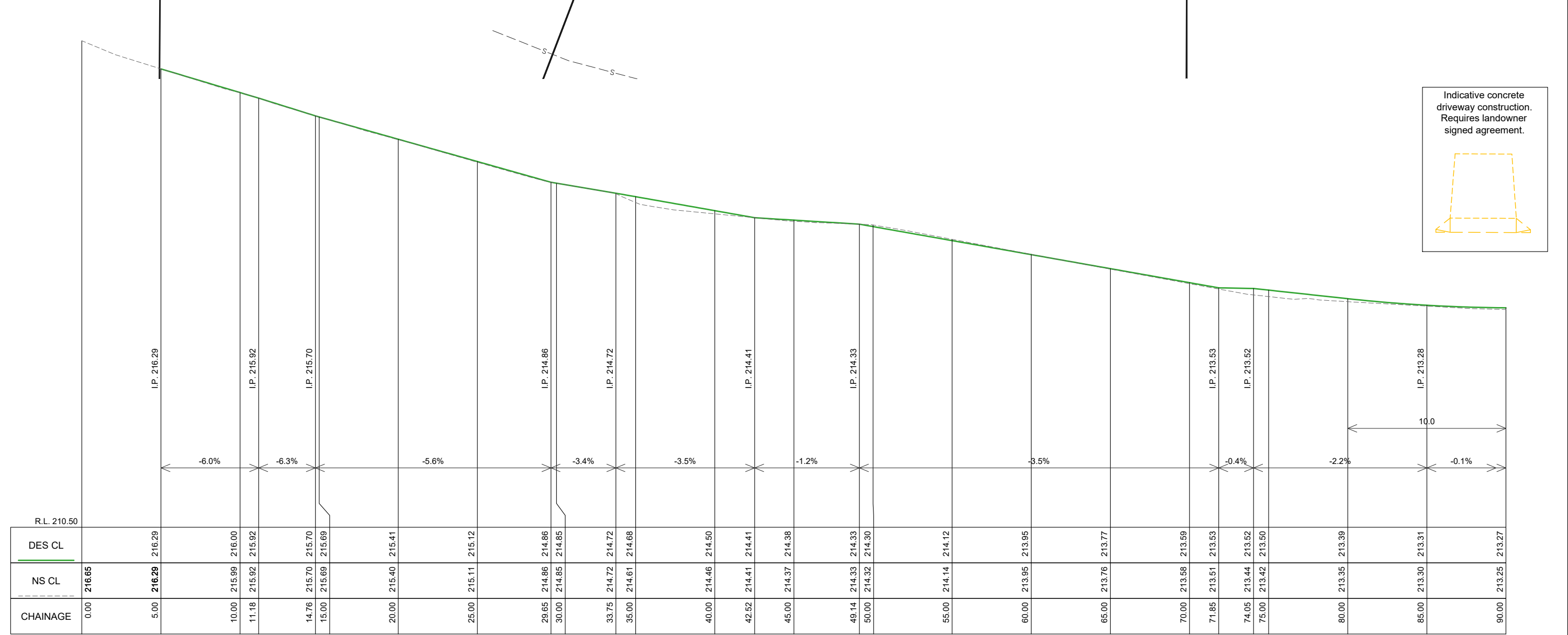
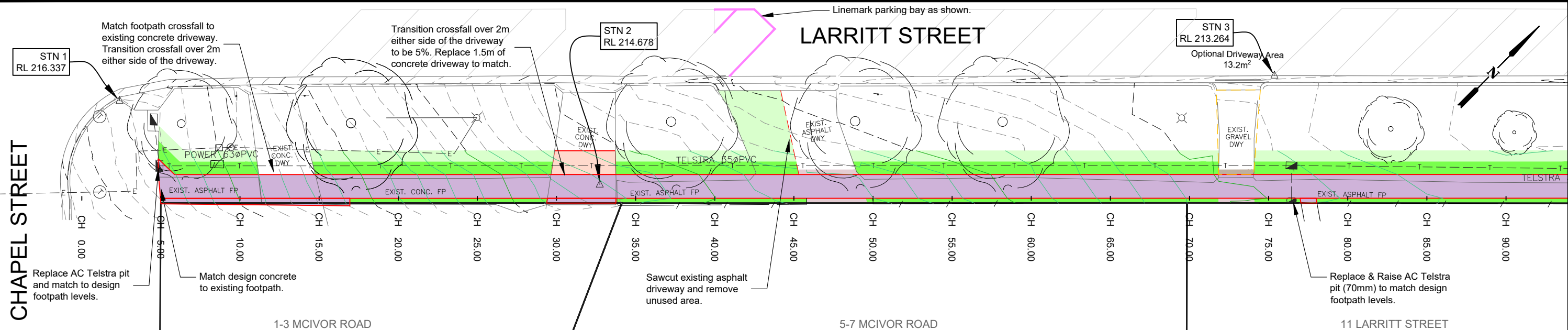
Survey	H. WHYTOCK	20/07/22
Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-21
Approved by	N. SARTORI	-/-21
Scale: -	Revision: A	
Original sheet size: A3	File: GB5042.dwg	
Sheet: 2 OF 10	Reference: GB5042	

**PRELIMINARY DESIGN
DRAFT 3**

Plot Date: 1/08/2022
Plotted By: BAYLEY JANSSEN

CHAPEL STREET

LARRITT STREET



FOOTPATH LONGITUDINAL SECTION CH 0.000 To 90.000
 SCALES: H 1:250 V 1:50 (A3)

LEGEND

- PROPOSED CONCRETE: Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf
- NATURE STRIP REINSTATEMENT: 25mm depth topsoil - seeded & raked.
- PROPOSED BLACK CONCRETE: Footpaths - Refer SD200, SD205 & SD210
- PROPOSED CONCRETE KERB: Laybacks - Refer COGB SD192
- PAVEMENT REINSTATEMENT: IDM SD130
- DESIGN CONTOUR 0.10m interval
- EXISTING CONTOUR 0.10m interval
- ASPHALT DRIVEWAY: IDM SD206

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

LARRITT & BAXTER STREET
 BENDIGO
 FOOTPATH RENEWAL
 LAYOUT PLAN & LONGITUDINAL SECTION

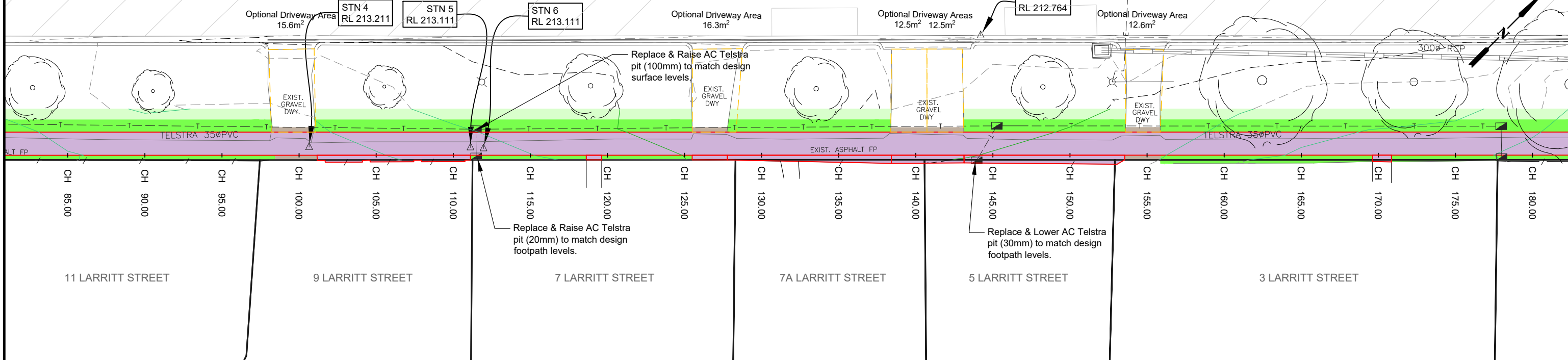
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Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-21
Approved by	N. SARTORI	-/-21
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Original sheet size: A3	File: GB5042.dwg	
Sheet: 3 OF 10	Reference: GB5042	

PRELIMINARY DESIGN DRAFT 3

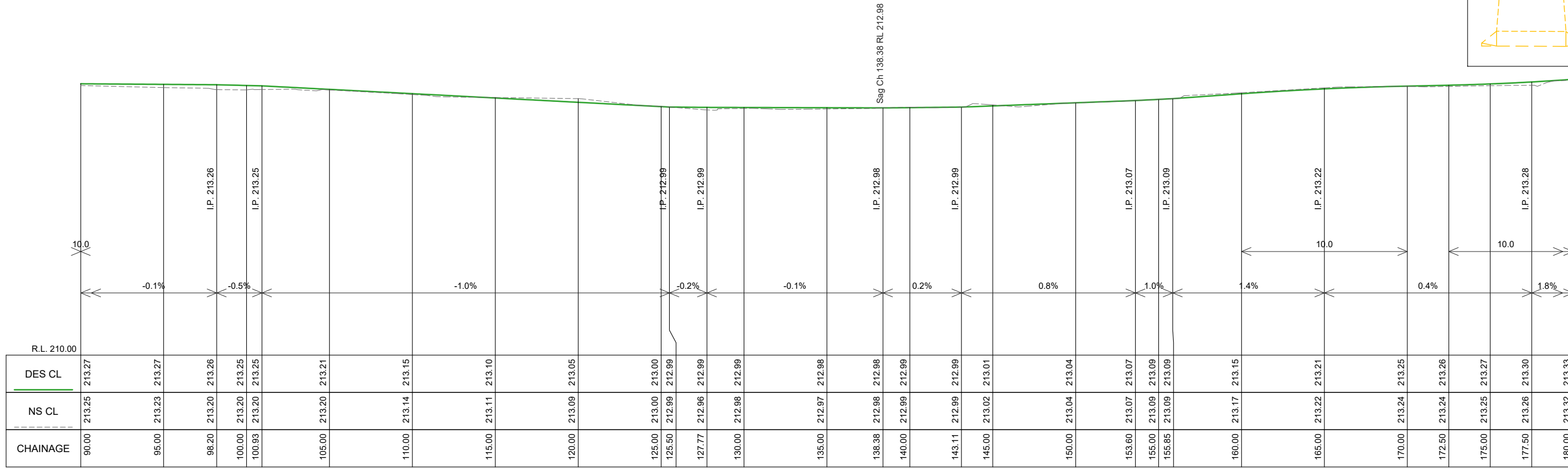
Plot Date: 1/08/2022
 Plotted By: BAYLEY JANSSEN

Indicative concrete driveway construction. Requires landowner signed agreement.

LARRITT STREET



Indicative concrete driveway construction. Requires landowner signed agreement.



FOOTPATH LONGITUDINAL SECTION CH 90.000 To 180.000
 SCALES: H 1:250 V 1:50 (A3)

LEGEND

- PROPOSED CONCRETE: Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf
- NATURE STRIP REINSTATEMENT: 25mm depth topsoil - seeded & raked.
- PROPOSED BLACK CONCRETE: Footpaths - Refer SD200, SD205 & SD210
- PROPOSED CONCRETE KERB: Laybacks - Refer COGB SD192
- PAVEMENT REINSTATEMENT: IDM SD130
- DESIGN CONTOUR 0.10m interval
- EXISTING CONTOUR 0.10m interval
- ASPHALT DRIVEWAY: IDM SD206

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

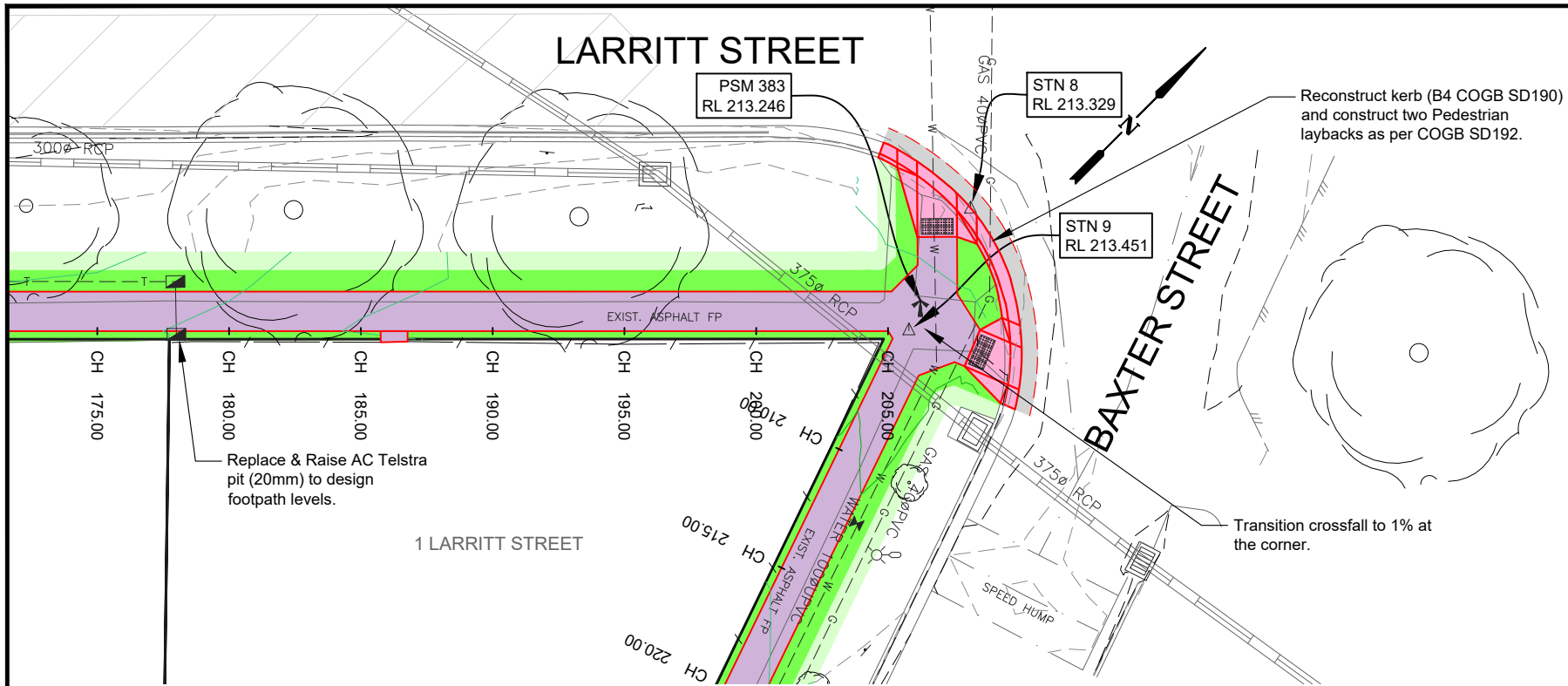
CITY OF GREATER BENDIGO

LARRITT & BAXTER STREET
 BENDIGO
 FOOTPATH RENEWAL
 LAYOUT PLAN & LONGITUDINAL SECTION

Survey	H. WHYTOCK	20/07/22
Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-21
Approved by	N. SARTORI	-/-21
Scale: -	Revision: A	
Original sheet size: A3	File: GB5042.dwg	
Sheet: 4 OF 10	Reference: GB5042	

PRELIMINARY DESIGN DRAFT 3

Plot Date: 1/08/2022
 Plotted By: BAYLEY JANSSEN



FOOTPATH LONGITUDINAL SECTION CH 180.000 To 205.000
 SCALES: H 1:250 V 1:50 (A3)

LEGEND	
PROPOSED CONCRETE: Driveways - Refer SD235 & SD240	PROPOSED BLACK CONCRETE: Footpaths - Refer SD200, SD205 & SD210
NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf	PROPOSED CONCRETE KERB: Laybacks - Refer COGB SD192
NATURE STRIP REINSTATEMENT: 25mm depth topsoil - seeded & raked.	PAVEMENT REINSTATEMENT: IDM SD130
DESIGN CONTOUR 0.10m interval	ASPHALT DRIVEWAY: IDM SD206
EXISTING CONTOUR 0.10m interval	

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

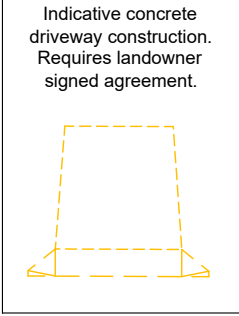
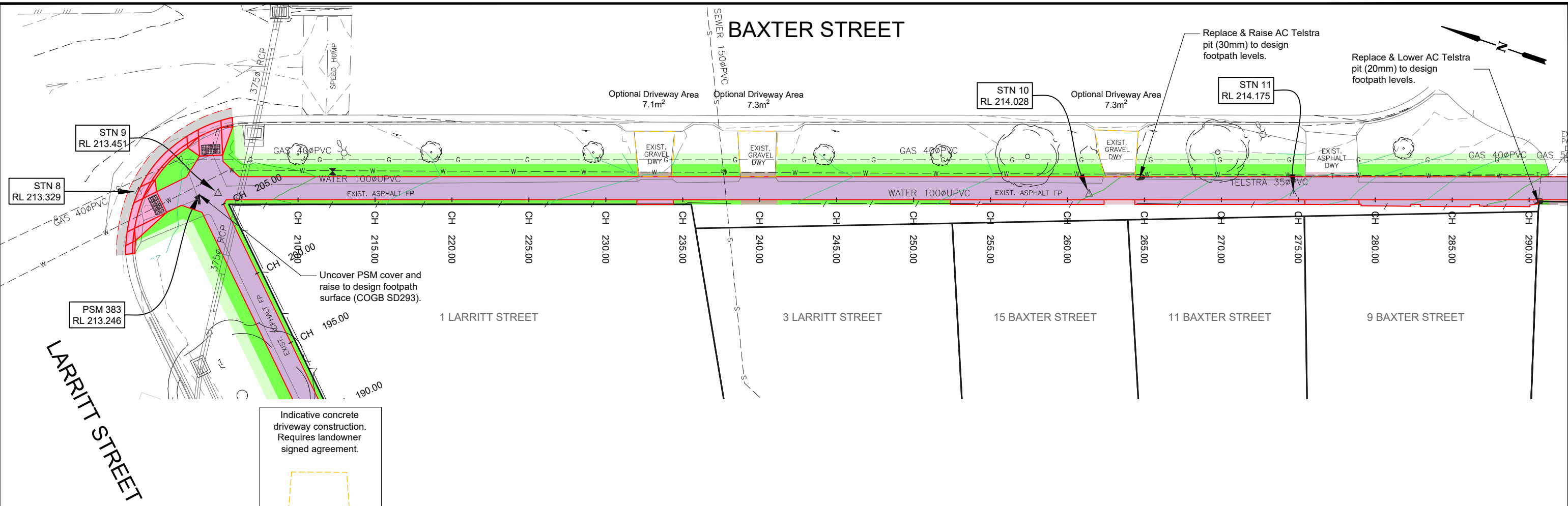
LARRITT & BAXTER STREET
 BENDIGO
 FOOTPATH RENEWAL

LAYOUT PLAN & LONGITUDINAL SECTION

Survey	H. WHYTOCK	20/07/22
Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-/21
Approved by	N. SARTORI	-/-/21
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**PRELIMINARY DESIGN
 DRAFT 3**

Plot Date: 1/08/2022
 Plotted By: BAYLEY JANSSEN



FOOTPATH LONGITUDINAL SECTION CH 205.000 To 290.000
 SCALES: H 1:250 V 1:50 (A3)

CHAINAGE	205.00	205.00	205.33	210.00	215.00	220.00	225.00	230.00	233.35	235.00	238.73	240.00	241.05	245.00	250.00	255.00	260.00	262.34	264.40	265.00	270.00	275.00	275.44	278.88	280.00	285.00	290.00
DES CL	213.42	213.42	213.46	213.52	213.59	213.65	213.69	213.72	213.75	213.75	213.76	213.77	213.78	213.83	213.88	213.94	213.99	214.02	214.05	214.06	214.14	214.22	214.23	214.31	214.34	214.43	214.53
NS CL	213.42	213.42	213.43	213.51	213.59	213.65	213.70	213.74	213.74	213.73	213.76	213.77	213.78	213.82	213.89	213.95	213.98	214.02	214.05	214.06	214.15	214.22	214.23	214.31	214.34	214.43	214.55

Grades: 1.3%, 0.7%, 0.2%, 1.1%, 1.1%, 1.9%, 1.5%, 2.6%, 1.9%

Vertical Curve Data:
 I.P. 213.46
 I.P. 213.65
 I.P. 213.75
 I.P. 213.76
 I.P. 213.78
 I.P. 214.02
 I.P. 214.05
 I.P. 214.23
 I.P. 214.31

LEGEND

- PROPOSED CONCRETE: Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf
- NATURE STRIP REINSTATEMENT: 25mm depth topsoil - seeded & raked.
- PROPOSED BLACK CONCRETE: Footpaths - Refer SD200, SD205 & SD210
- PROPOSED CONCRETE KERB: Laybacks - Refer COGB SD192
- PAVEMENT REINSTATEMENT: IDM SD130
- DESIGN CONTOUR 0.10m interval
- EXISTING CONTOUR 0.10m interval
- ASPHALT DRIVEWAY: IDM SD206

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

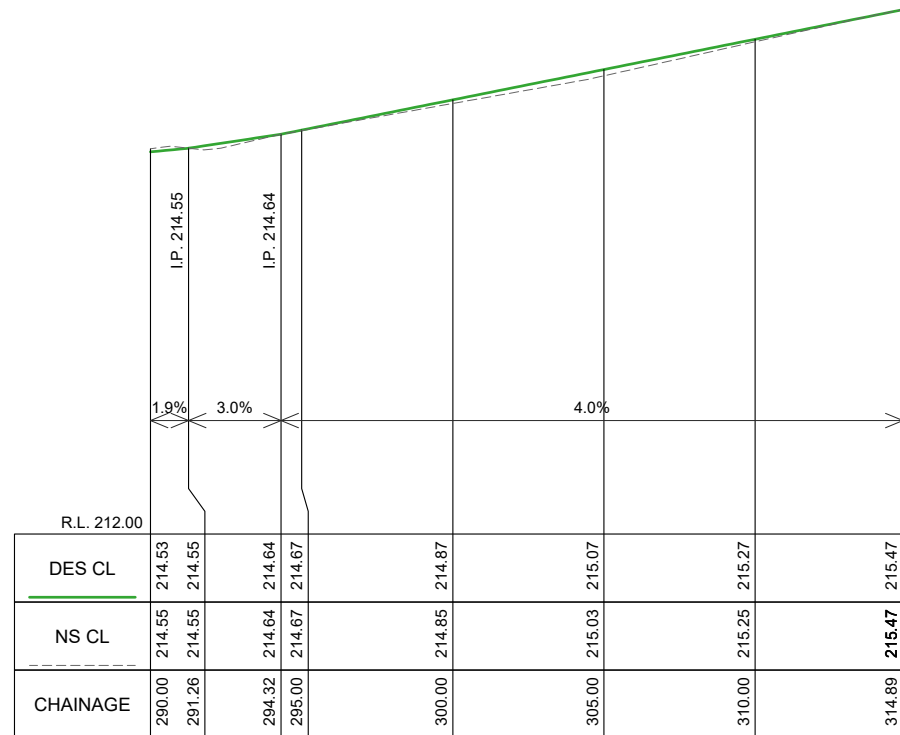
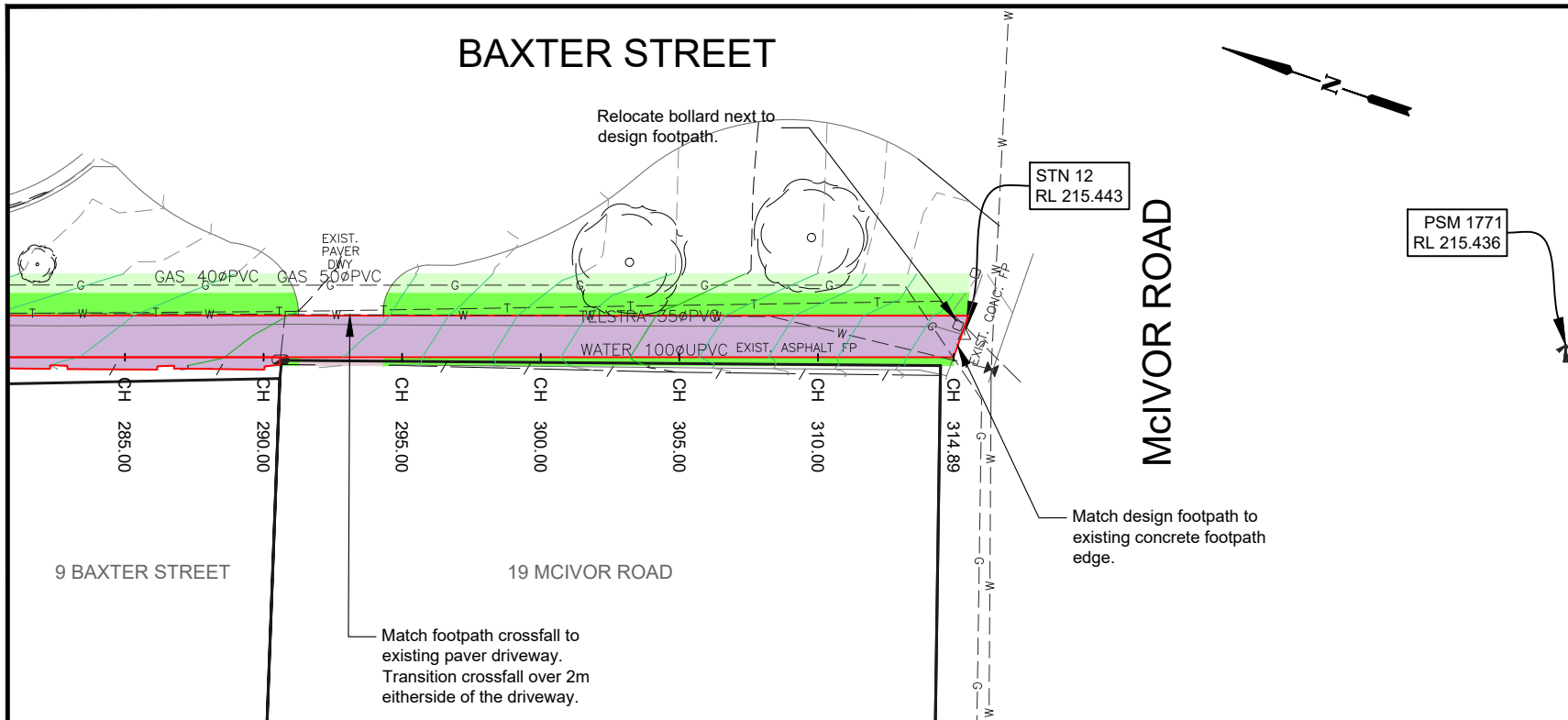
LARRITT & BAXTER STREET
 BENDIGO
 FOOTPATH RENEWAL
 LAYOUT PLAN & LONGITUDINAL SECTION

Survey	H. WHYTOCK	20/07/22
Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-21
Approved by	N. SARTORI	-/-21
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Sheet: 6 OF 10	Reference: GB5042	

PRELIMINARY DESIGN DRAFT 3

Plot Date: 1/08/2022
 Plotted By: BAYLEY JANSSEN

BAXTER STREET



FOOTPATH LONGITUDINAL SECTION CH 290.000 To 314.888
 SCALES: H 1:250 V 1:50 (A3)

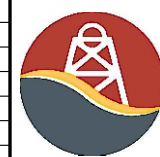
LEGEND

- PROPOSED CONCRETE:
Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT:
75mm depth topsoil & kikuyu instant turf
- NATURE STRIP REINSTATEMENT:
25mm depth topsoil - seeded & raked.
- PROPOSED BLACK CONCRETE:
Footpaths - Refer SD200, SD205 & SD210
- PROPOSED CONCRETE KERB:
Laybacks - Refer COGB SD192
- PAVEMENT REINSTATEMENT:
IDM SD130
- DESIGN CONTOUR
0.10m interval
- EXISTING CONTOUR
0.10m interval
- ASPHALT DRIVEWAY:
IDM SD206

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO



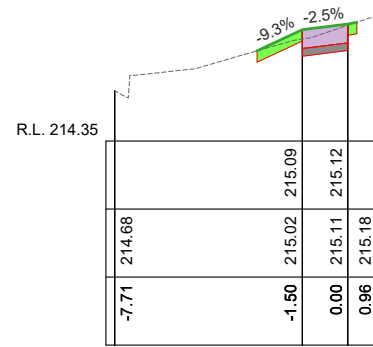
LARRITT & BAXTER STREET
 BENDIGO
 FOOTPATH RENEWAL

LAYOUT PLAN & LONGITUDINAL SECTION

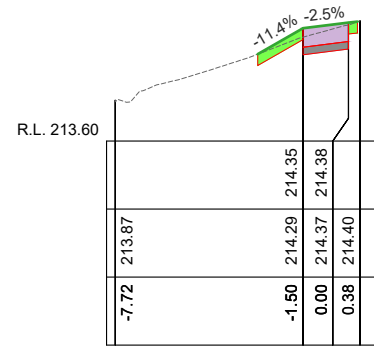
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Sheet: 7 OF 10	Reference: GB5042	

PRELIMINARY DESIGN
DRAFT 3

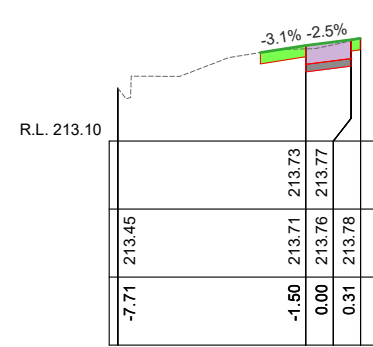
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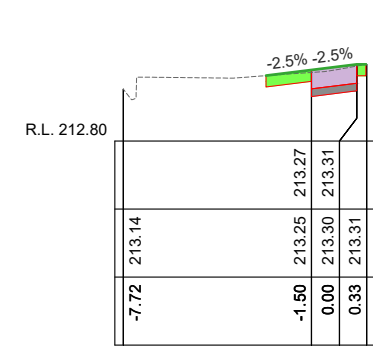
Ch 25.00



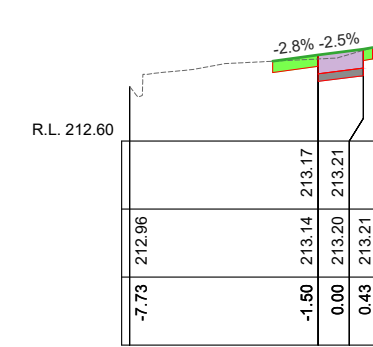
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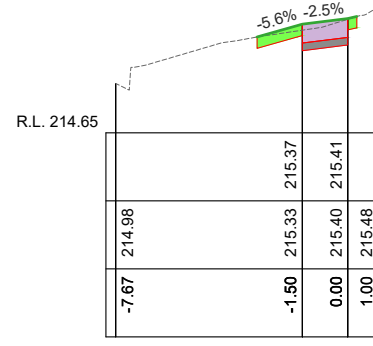
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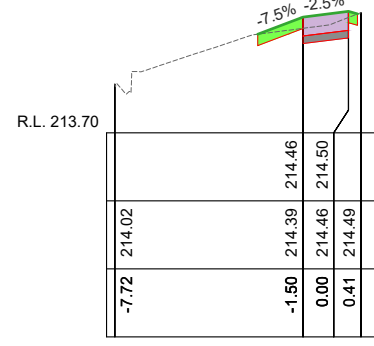
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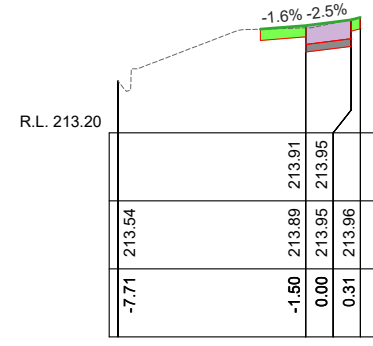
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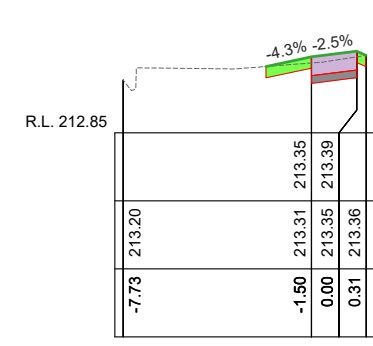
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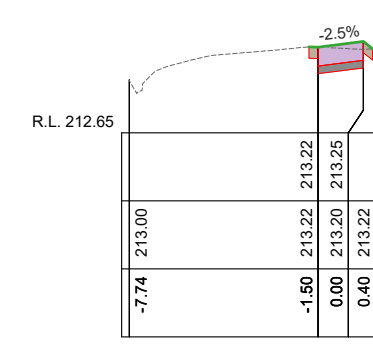
Ch 40.00



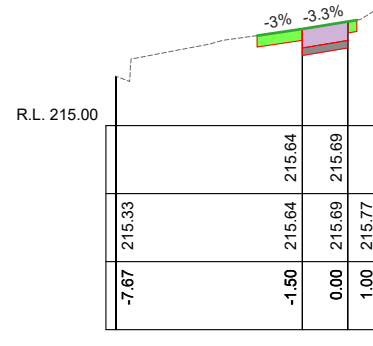
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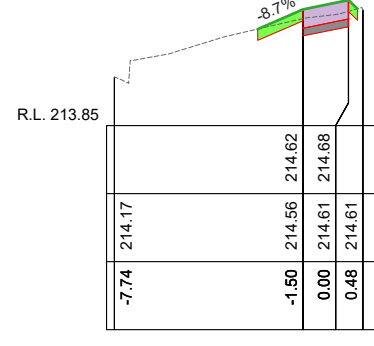
Ch 80.00



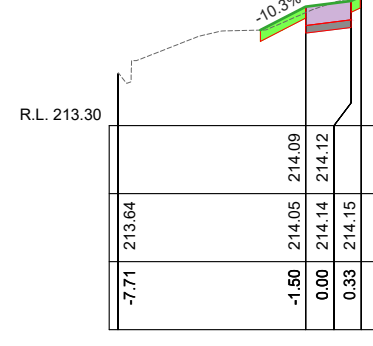
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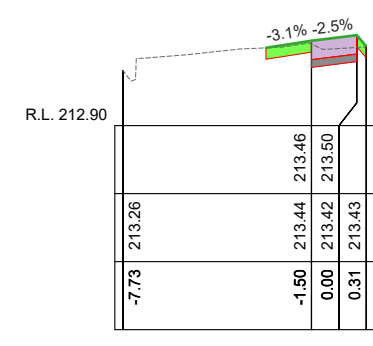
Ch 15.00



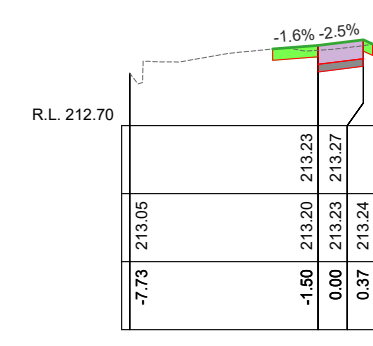
Ch 35.00



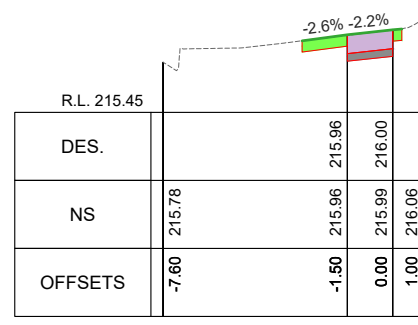
Ch 55.00



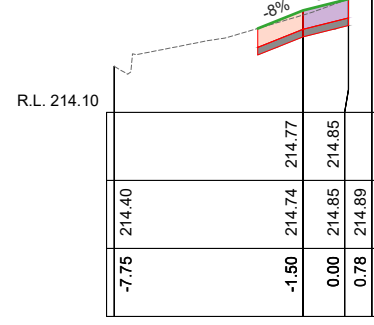
Ch 75.00



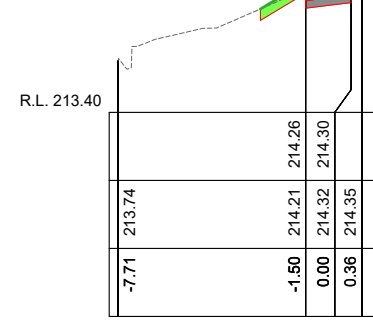
Ch 95.00



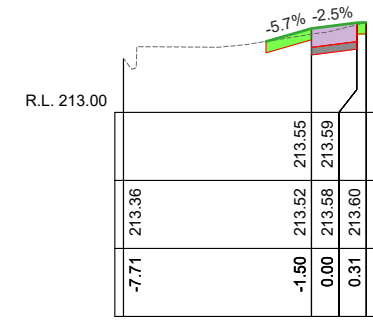
Ch 10.00



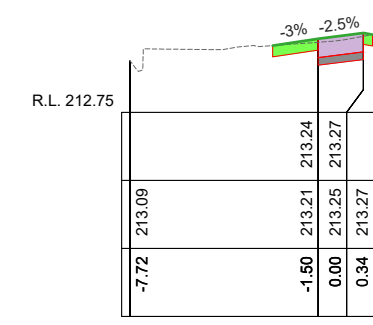
Ch 30.00



Ch 50.00



Ch 70.00



Ch 90.00

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

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

CITY OF GREATER BENDIGO

LARRITT & BAXTER STREET
BENDIGO
FOOTPATH RENEWAL

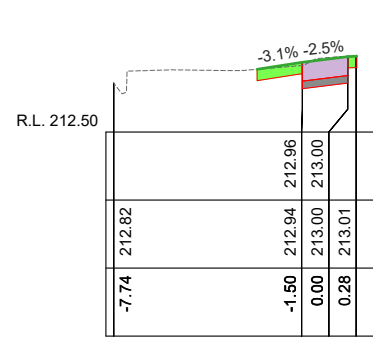
CROSS SECTIONS



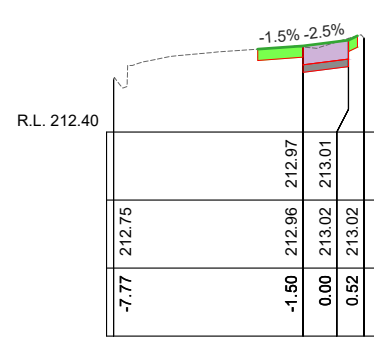
Survey	H. WHYTOCK	20/07/22
Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-21
Approved by	N. SARTORI	-/-21
Scale:	-	Revision: A
Original sheet size:	A3	File: GB5042.dwg
Sheet:	8 OF 10	Reference: GB5042

**PRELIMINARY DESIGN
DRAFT 3**

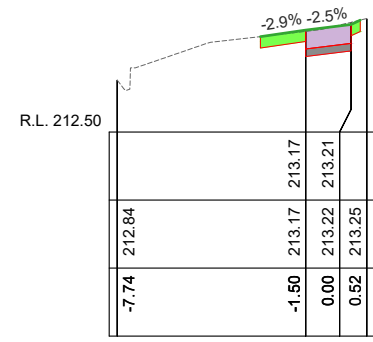
Plot Date: 1/08/2022
Plotted By: BAYLEY JANSSEN



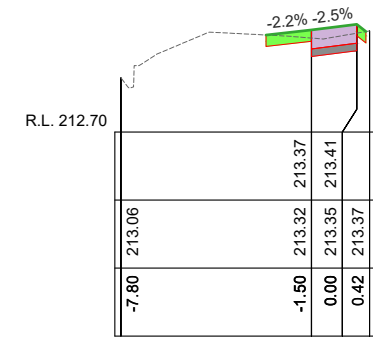
Ch 125.00



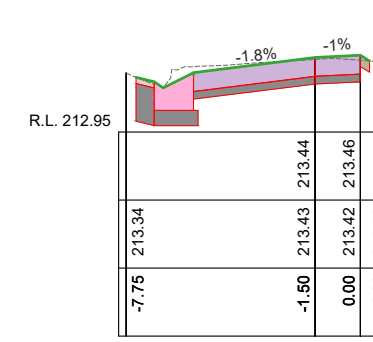
Ch 145.00



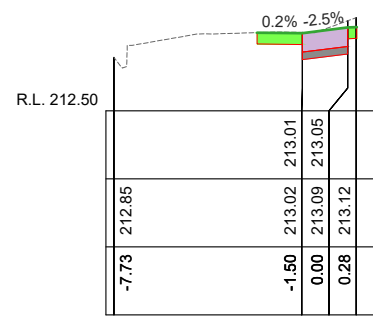
Ch 165.00



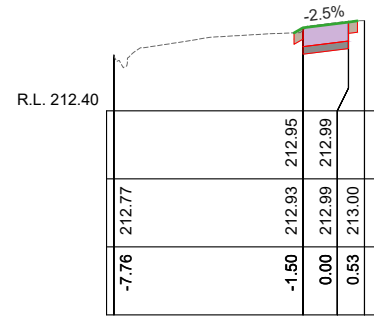
Ch 185.00



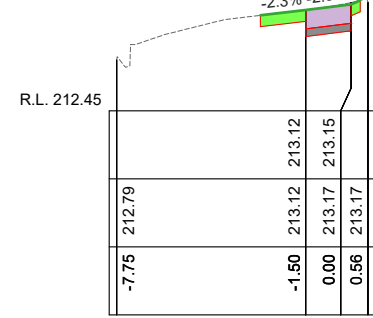
Ch 205.00



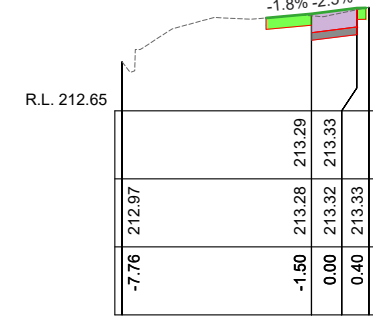
Ch 120.00



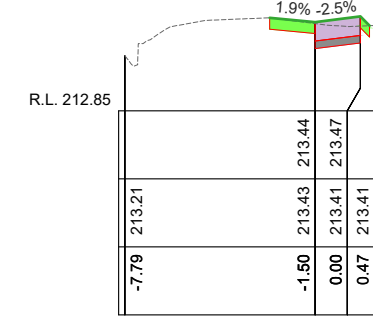
Ch 140.00



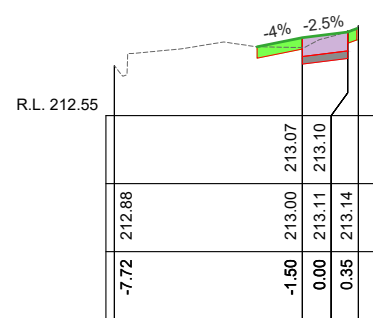
Ch 160.00



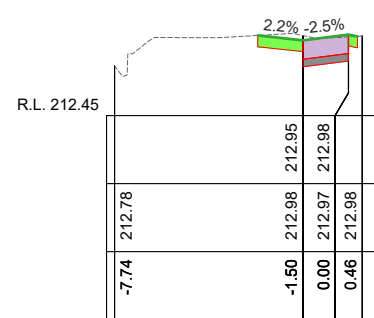
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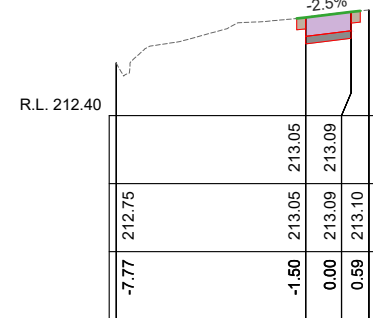
Ch 200.00



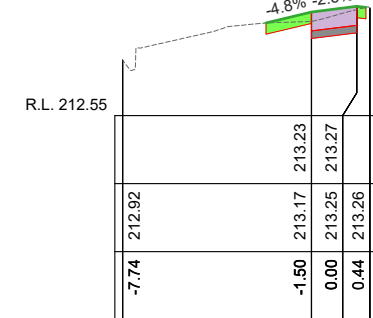
Ch 115.00



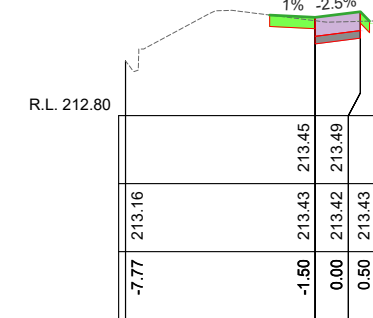
Ch 135.00



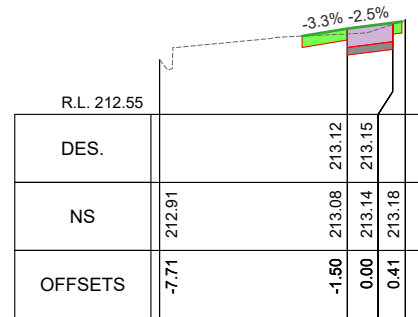
Ch 155.00



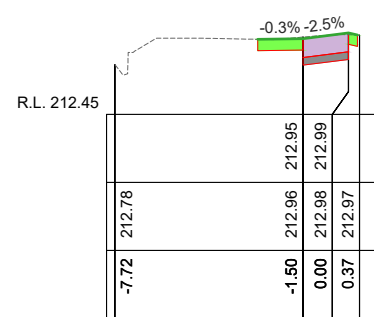
Ch 175.00



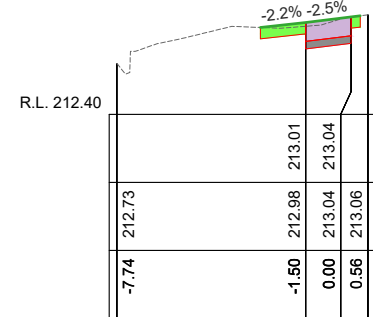
Ch 195.00



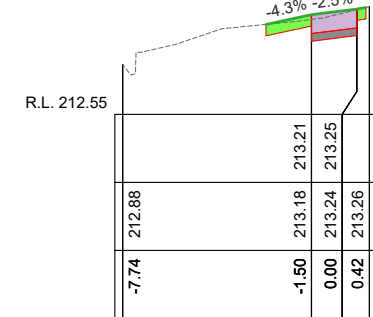
Ch 110.00



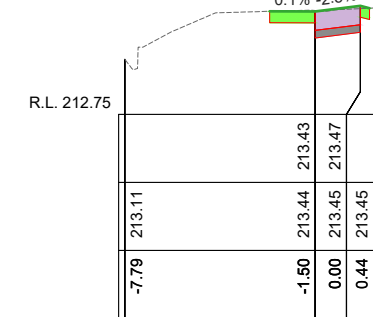
Ch 130.00



Ch 150.00



Ch 170.00



Ch 190.00

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

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

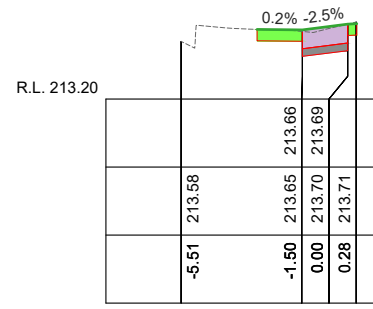
LARRITT & BAXTER STREET
BENDIGO
FOOTPATH RENEWAL

CROSS SECTIONS

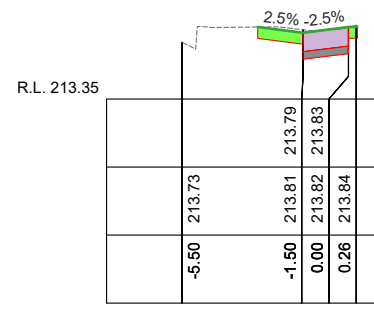
Survey	H. WHYTOCK	20/07/22
Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-21
Approved by	N. SARTORI	-/-21
Scale: -	Revision: A	
Original sheet size: A3	File: GB5042.dwg	
Sheet: 9 OF 10	Reference: GB5042	

**PRELIMINARY DESIGN
DRAFT 3**

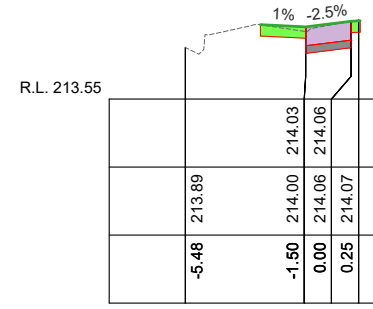
Plot Date: 1/08/2022
Plotted By: BAYLEY JANSSEN



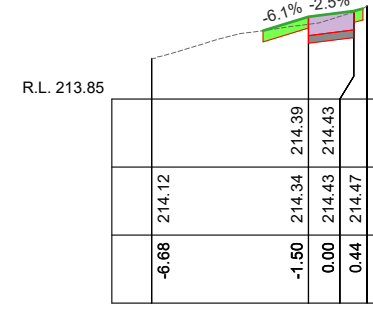
Ch 225.00



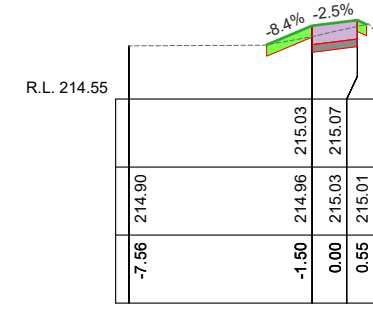
Ch 245.00



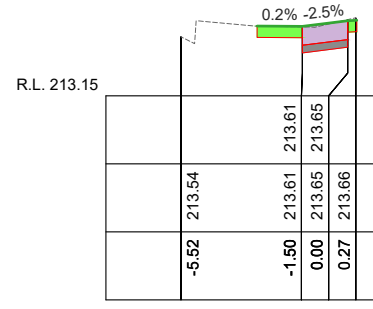
Ch 265.00



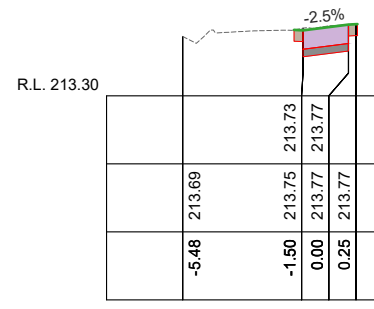
Ch 285.00



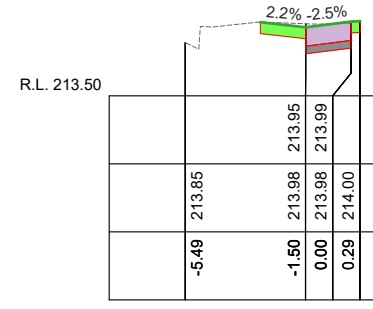
Ch 305.00



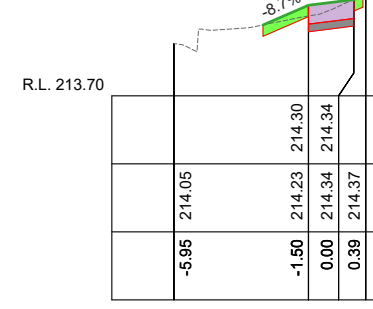
Ch 220.00



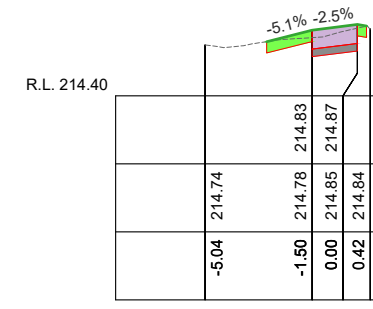
Ch 240.00



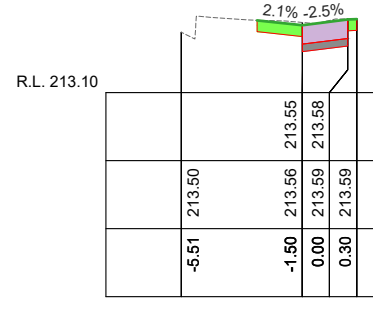
Ch 260.00



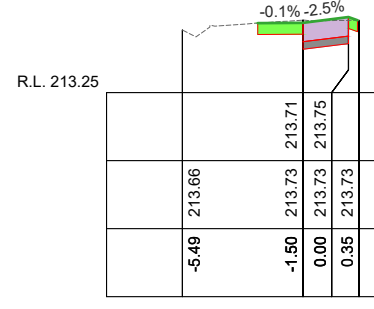
Ch 280.00



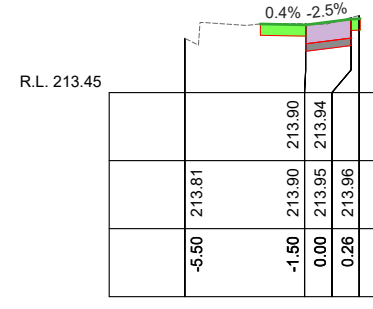
Ch 300.00



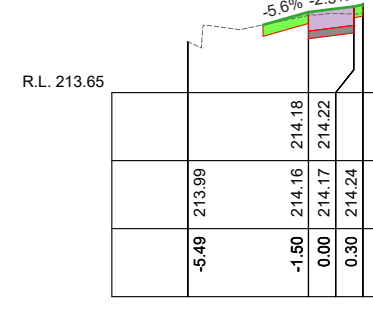
Ch 215.00



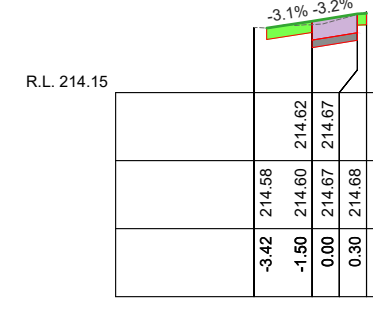
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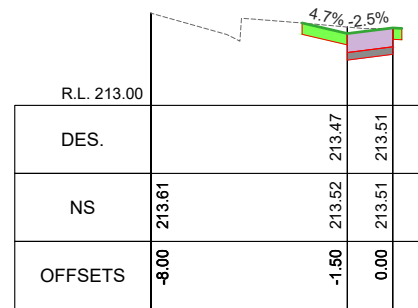
Ch 255.00



Ch 275.00

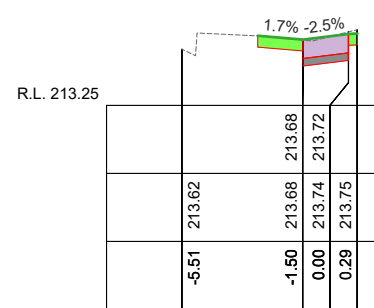


Ch 295.00

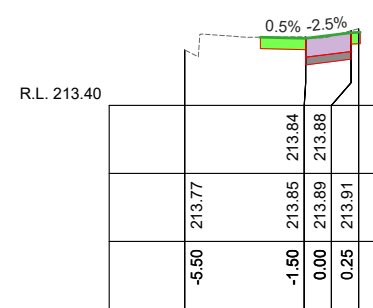


Ch 210.00

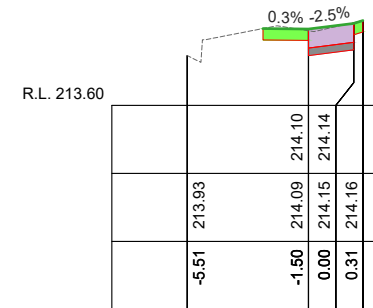
SCALES: H 1:250 V 1:50 (A3)



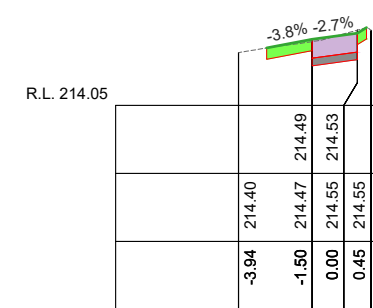
Ch 230.00



Ch 250.00



Ch 270.00



Ch 290.00

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

LARRITT & BAXTER STREET
BENDIGO
FOOTPATH RENEWAL

CROSS SECTIONS



Survey	H. WHYTOCK	20/07/22
Design	B. JANSSEN	28/07/22
Checked	A. SMITH	-/-21
Approved by	N. SARTORI	-/-21
Scale: -	Revision: A	
Original sheet size: A3	File: GB5042.dwg	
Sheet: 10 OF 10	Reference: GB5042	

**PRELIMINARY DESIGN
DRAFT 3**

Plot Date: 1/08/2022
Plotted By: BAYLEY JANSSEN