

GOLDIE STREET TO LESLIE STREET MARONG

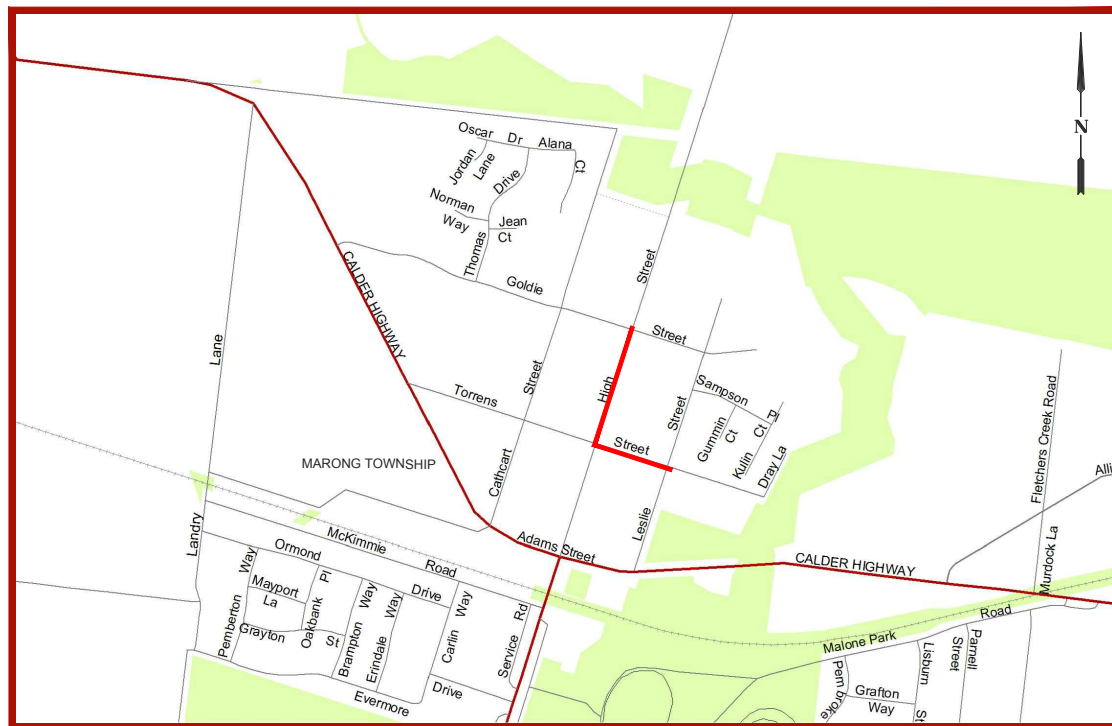
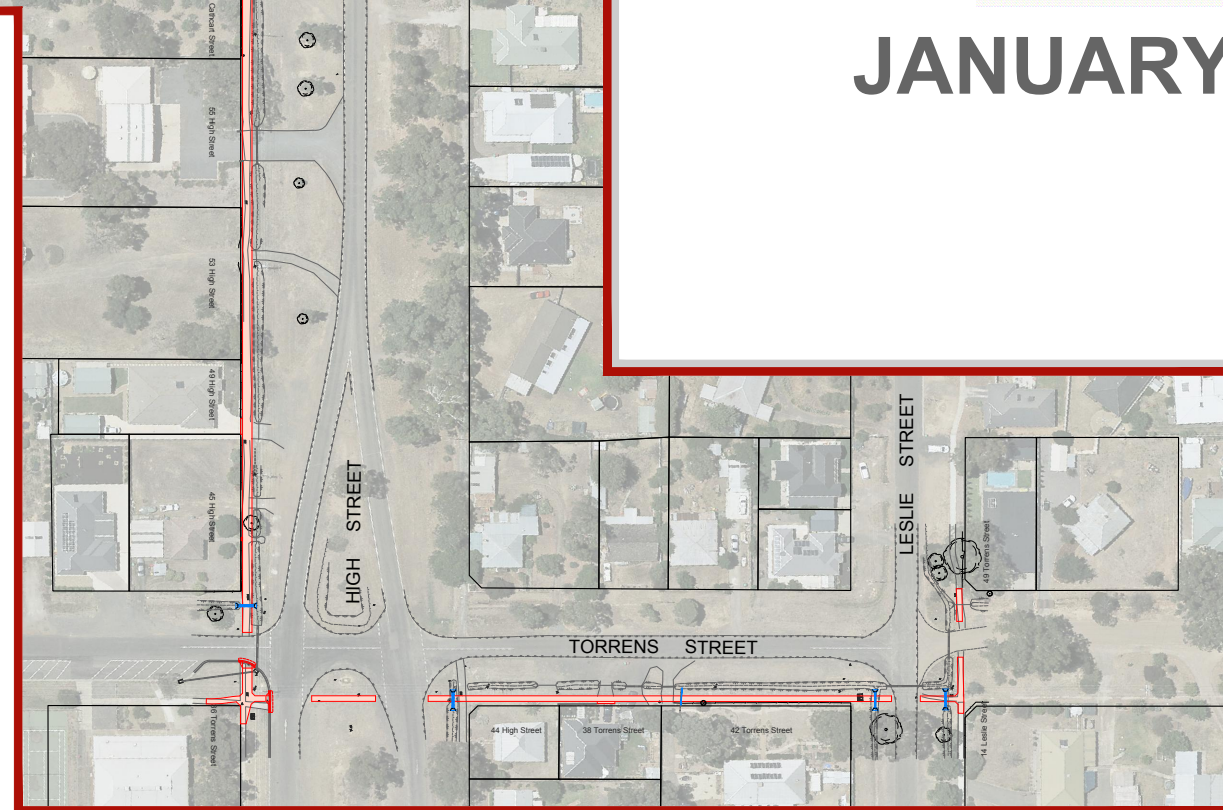
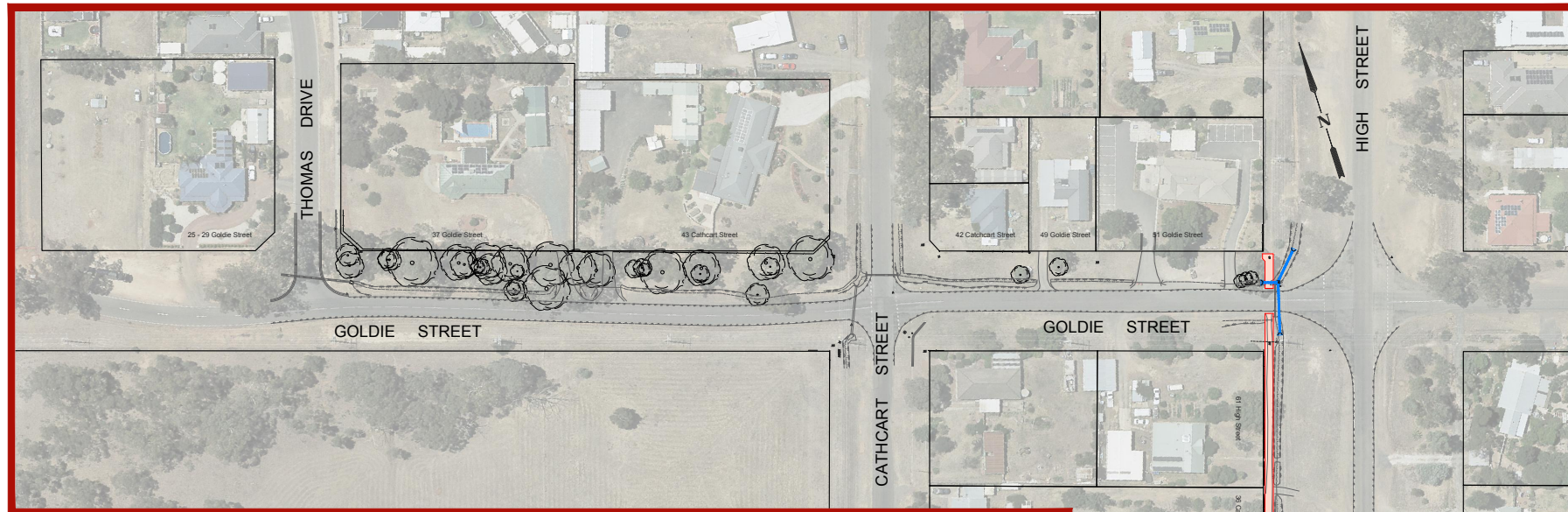
GB4959

FOOTPATH CONSTRUCTION



JANUARY 2022

DOCUMENT CONTROL				
SHEET No.	SHEET DESC.	28/1/22	xx/21	xx/21
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	A		
2	GENERAL NOTES & TYPICAL SECTION	A		
3	OVERALL LAYOUT & CONTROL	A		
4 - 9	LAYOUT PLAN & LONGITUDINAL SECTION	A		
10 - 13	CROSS SECTIONS	A		
14 - 15	DRAINAGE LONGITUDINAL SECTIONS	A		
16 - X	SETOUT	A		



LOCALITY MAP

PROJECT EXTENTS

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

CITY OF GREATER BENDIGO



**GOLDIE STREET
MARONG
FOOTPATH CONSTRUCTION**

COVER SHEET

Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/22
Approved by	N. SARTORI	-/22
Scale: -	Revision: A	
Original sheet size: A3	File: GB4959.dwg	
Sheet: 1 OF 16	Reference: GB4959	

**PRELIMINARY DESIGN
DRAFT 2**

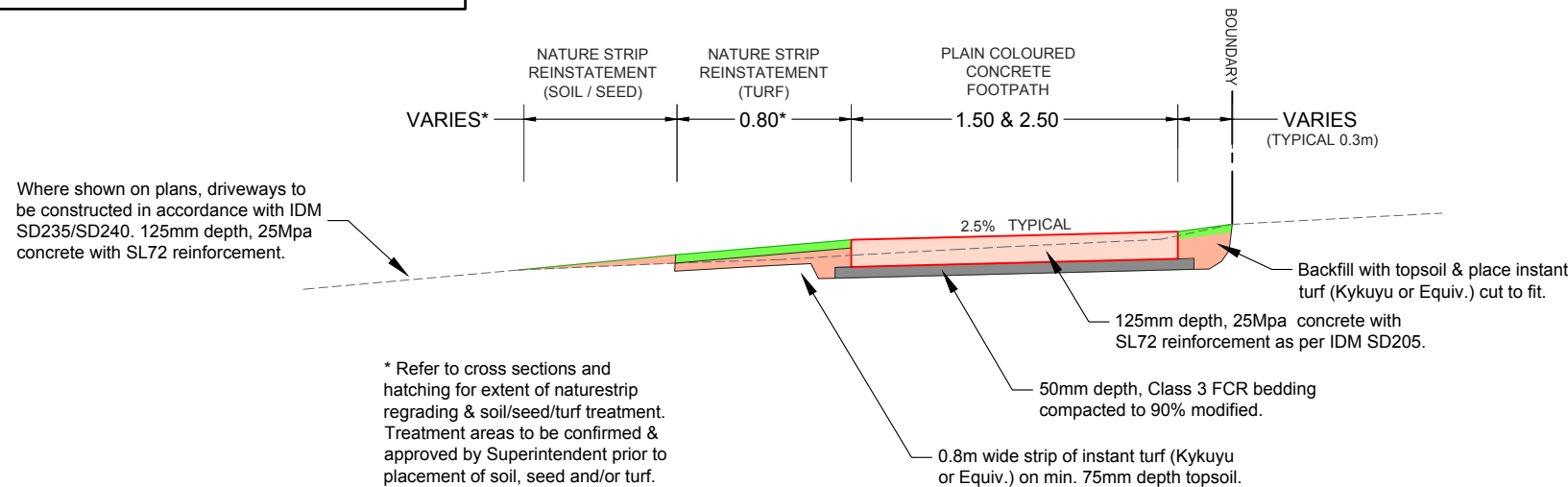
Plot Date: 28/01/2022
Plotted By: LEIGH



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

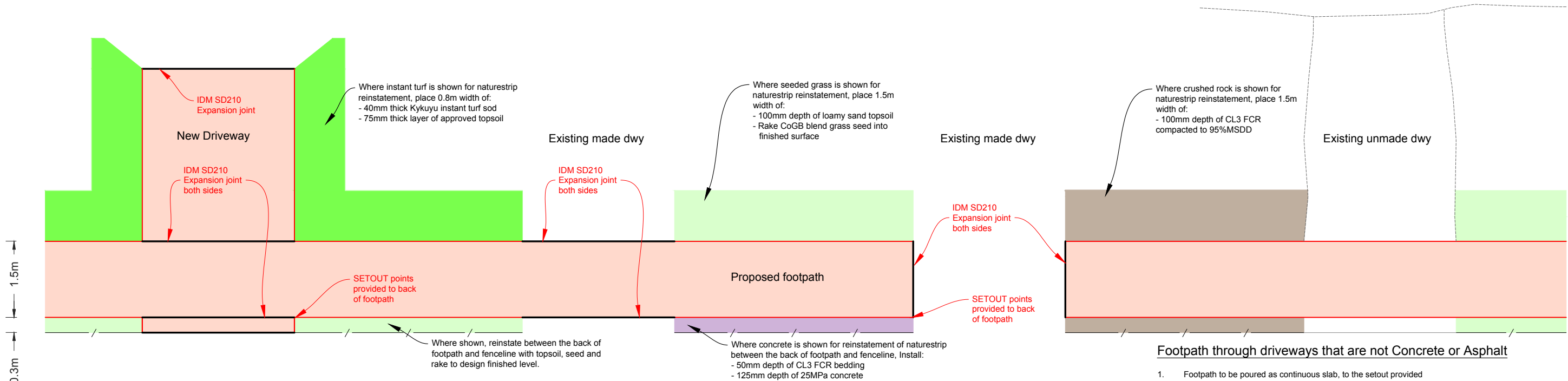


Where shown on plans, driveways to be constructed in accordance with IDM SD235/SD240. 125mm depth, 25Mpa concrete with SL72 reinforcement.

* Refer to cross sections and hatching for extent of naturestrip regrading & soil/seed/turf treatment. Treatment areas to be confirmed & approved by Superintendent prior to placement of soil, seed and/or turf.

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.

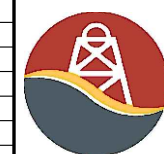
IRRIGATION (COGB OR PRIVATE)

- 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



GOLDIE STREET
MARONG
FOOTPATH CONSTRUCTION
GENERAL NOTES & TYPICAL SECTION

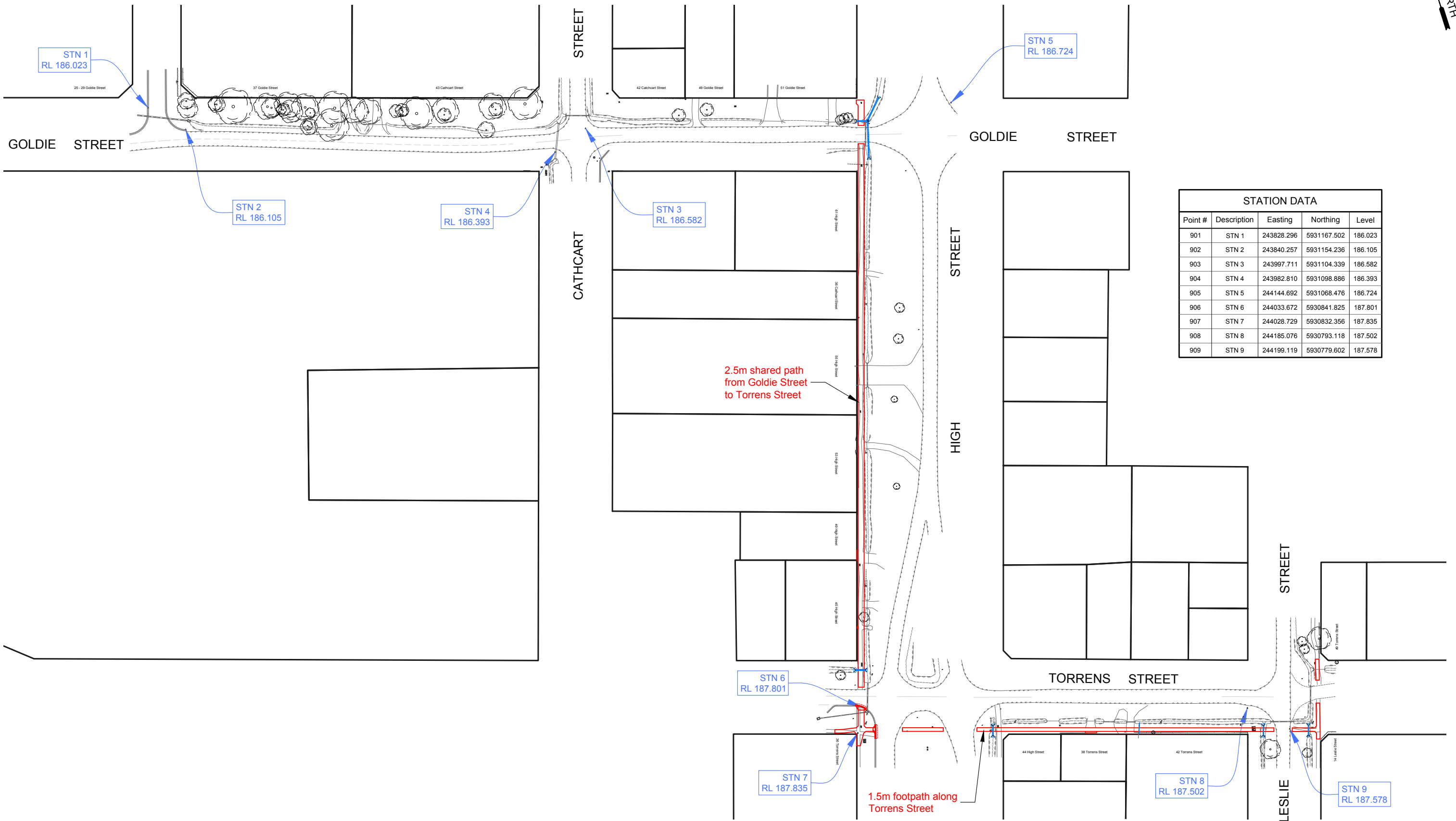
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Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
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**PRELIMINARY DESIGN
DRAFT 2**

Plot Date: 28/01/2022
Plotted By: LEIGH



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STATION DATA				
Point #	Description	Easting	Northing	Level
901	STN 1	243828.296	5931167.502	186.023
902	STN 2	243840.257	5931154.236	186.105
903	STN 3	243997.711	5931104.339	186.582
904	STN 4	243982.810	5931098.886	186.393
905	STN 5	244144.692	5931068.476	186.724
906	STN 6	244033.672	5930841.825	187.801
907	STN 7	244028.729	5930832.356	187.835
908	STN 8	244185.076	5930793.118	187.502
909	STN 9	244199.119	5930779.602	187.578

AMENDMENTS			
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
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CITY OF GREATER BENDIGO

GOLDIE STREET MARONG FOOTPATH CONSTRUCTION

OVERALL LAYOUT & CONTROL

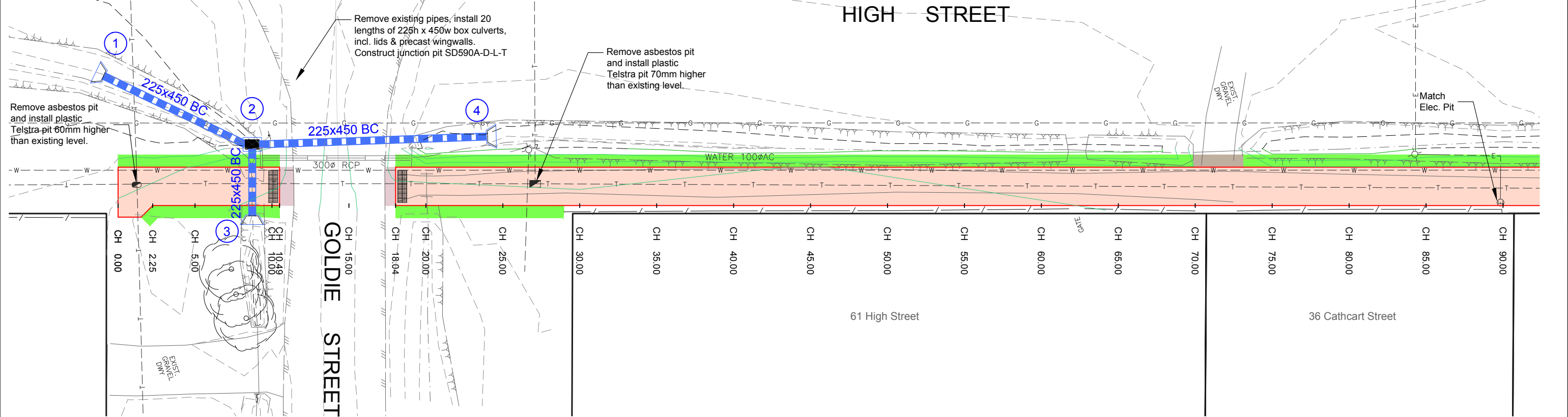
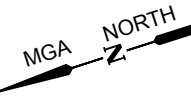
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PRELIMINARY DESIGN DRAFT 2

Plot Date: 28/01/2022
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CHAINAGE	NS CL	DES CL	GRADIENT	VERTICAL CURVE DATA
0.00	186.69	186.71	1.1%	I.P. 186.71
2.25	186.65	186.74		
5.00	186.67	186.77		
10.00	186.78	186.82		I.P. 186.83
10.49	186.80	186.83		
18.04	186.82	186.84	-0.1%	I.P. 186.84
20.00	186.55	186.84		
25.00	186.74	186.83		
30.00	186.80	186.83	0.3%	I.P. 186.83
35.00	186.82	186.84		
40.00	186.95	186.95		
45.00	186.85	186.87		I.P. 186.87
50.00	186.85	186.85		
55.00	186.83	186.83	-0.4%	
60.00	186.80	186.81		
65.00	186.77	186.79		
67.50	186.76	186.78		I.P. 186.77
70.00	186.74	186.77		
72.50	186.74	186.77		
75.00	186.77	186.77	0.0%	
80.00	186.73	186.77		
85.00	186.75	186.77		
90.00	186.76	186.77		

BFP LONGITUDINAL SECTION CH 0.000 To 90.000
SCALES: H 1:250 V 1:100 (A3)

LEGEND

- PROPOSED CONCRETE: Footpaths - Refer SD200, SD205 & SD210; Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf
- NATURE STRIP REINSTATEMENT: 25mm depth topsoil - seeded & raked.
- ASPHALT: - 40mm depth asphalt; - 100mm depth CL3 FCR
- CRUSHED ROCK: - 100mm depth CL3 FCR
- Design Contour 0.10m interval
- Existing Contour 0.10m interval
- X TREE REMOVALS

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

GOLDIE STREET MARONG

FOOTPATH CONSTRUCTION

LAYOUT PLAN & LONGITUDINAL SECTION

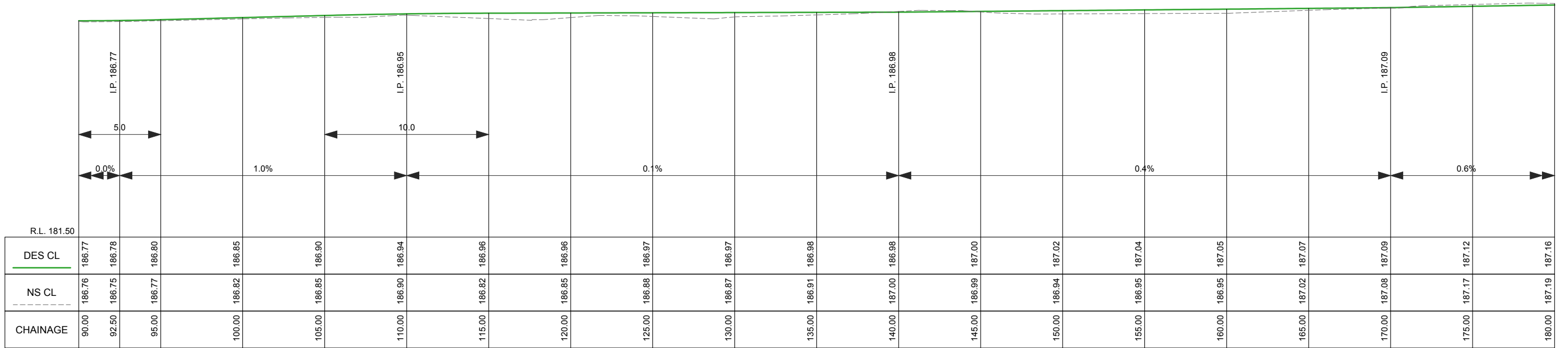
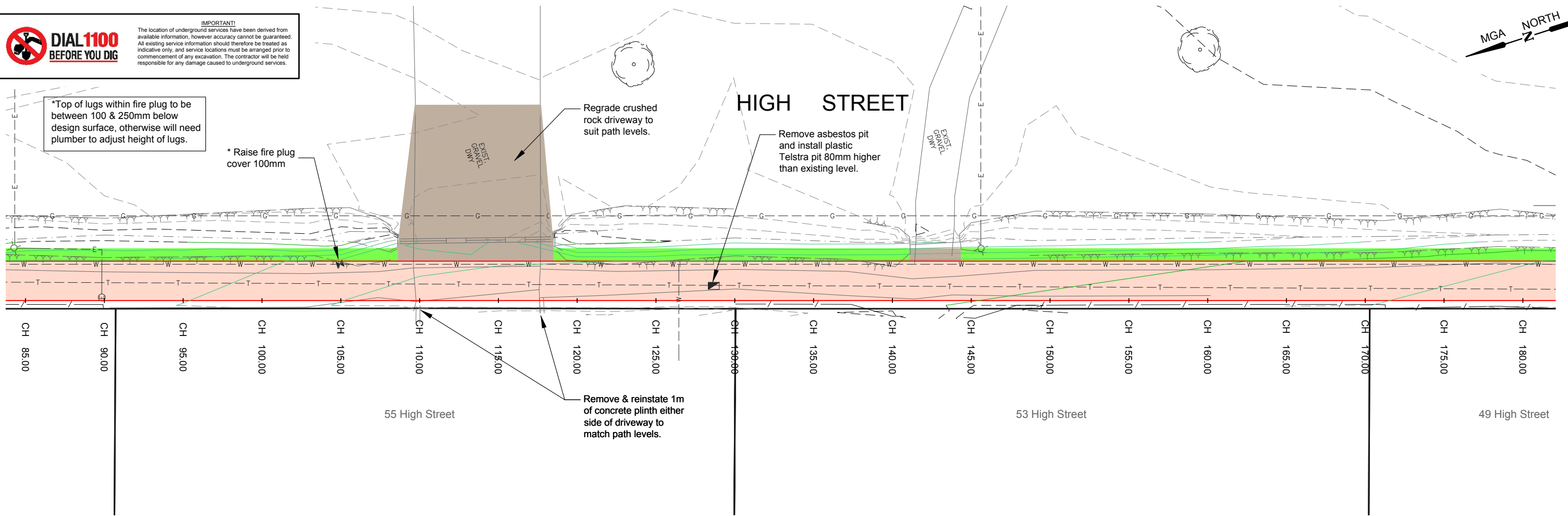
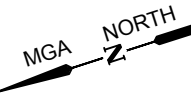
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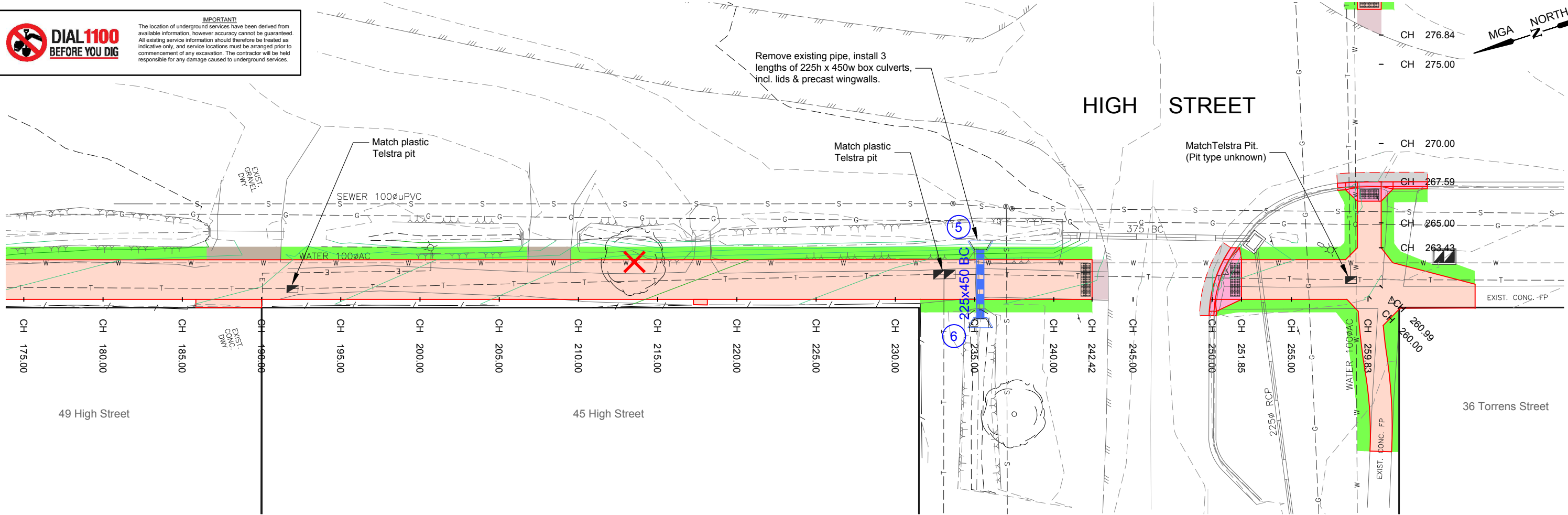


BFP LONGITUDINAL SECTION CH 90.000 To 180.000
SCALES: H 1:250 V 1:100 (A3)

LEGEND PROPOSED CONCRETE: Footpaths - Refer SD200, SD205 & SD210 Driveways - Refer SD235 & SD240 NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf NATURE STRIP REINSTATEMENT: 25mm depth topsoil - seeded & raked. ASPHALT - 40mm depth asphalt - 100mm depth CL3 FCR CRUSHED ROCK - 100mm depth CL3 FCR Design Contour 0.10m interval Existing Contour 0.10m interval TREE REMOVALS		AMENDMENTS <table border="1"> <thead> <tr> <th>Revision</th> <th>Description</th> <th>Approved by</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Revision	Description	Approved by	Date	-	-	-	-	CITY OF GREATER BENDIGO GOLDIE STREET MARONG FOOTPATH CONSTRUCTION LAYOUT PLAN & LONGITUDINAL SECTION	<table border="1"> <tr> <td>Survey</td> <td>H. WHYTOCK</td> <td>NOV. 2021</td> </tr> <tr> <td>Design</td> <td>L. OLIVER</td> <td>DEC. 2021</td> </tr> <tr> <td>Checked</td> <td>A. SMITH</td> <td>-/-22</td> </tr> <tr> <td>Approved by</td> <td>N. SARTORI</td> <td>-/-22</td> </tr> <tr> <td>Scale: 1:250</td> <td>Revision: A</td> <td></td> </tr> <tr> <td>Original sheet size: A3</td> <td>File: GB4959.dwg</td> <td></td> </tr> <tr> <td>Sheet: 5 OF 16</td> <td>Reference: GB4959</td> <td></td> </tr> </table>	Survey	H. WHYTOCK	NOV. 2021	Design	L. OLIVER	DEC. 2021	Checked	A. SMITH	-/-22	Approved by	N. SARTORI	-/-22	Scale: 1:250	Revision: A		Original sheet size: A3	File: GB4959.dwg		Sheet: 5 OF 16	Reference: GB4959		<div style="border: 2px solid red; padding: 5px; text-align: center; color: red; font-weight: bold;"> PRELIMINARY DESIGN DRAFT 2 </div> <p>Plot Date: 28/01/2022 Plotted By: LEIGH</p>
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CH	175.00	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00	225.00	230.00	235.00	240.00	242.42	245.00	250.00	251.85	255.00	259.83	260.00	260.99	263.43	265.00	267.59	270.00	275.00	276.84
DES CL	187.16	187.19	187.22	187.26	187.30	187.35	187.41	187.46	187.51	187.56	187.60	187.65	187.68	187.71	187.73	187.73	187.76	187.76	187.76	187.80	187.81	187.77	187.75	187.73	187.74	187.74	187.74	187.74
NS CL	187.19	187.18	187.21	187.26	187.29	187.33	187.40	187.44	187.51	187.54	187.59	187.64	187.65	187.70	187.73	187.73	187.76	187.76	187.78	187.82	187.81	187.76	187.73	187.73	187.73	187.73	187.73	187.73
CHAINAGE	180.00	185.00	190.00	192.11	195.00	200.00	205.00	210.00	215.00	220.00	225.00	230.00	235.00	240.00	242.42	250.00	251.85	255.00	260.00	260.99	263.43	265.00	266.00	267.59	267.59	267.59	267.59	267.59

BFP LONGITUDINAL SECTION CH 180.000 To 267.591
 SCALES: H 1:250 V 1:100 (A3)

LEGEND

- PROPOSED CONCRETE: Footpaths - Refer SD200, SD205 & SD210; Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf
- NATURE STRIP REINSTATEMENT: 25mm depth topsoil - seeded & raked.
- ASPHALT: - 40mm depth asphalt; - 100mm depth CL3 FCR
- CRUSHED ROCK: - 100mm depth CL3 FCR
- Design Contour 0.10m interval
- Existing Contour 0.10m interval
- TREE REMOVALS

AMENDMENTS

Revision	Description	Approved by	Date
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CITY OF GREATER BENDIGO

GOLDIE STREET MARONG

FOOTPATH CONSTRUCTION

LAYOUT PLAN & LONGITUDINAL SECTION

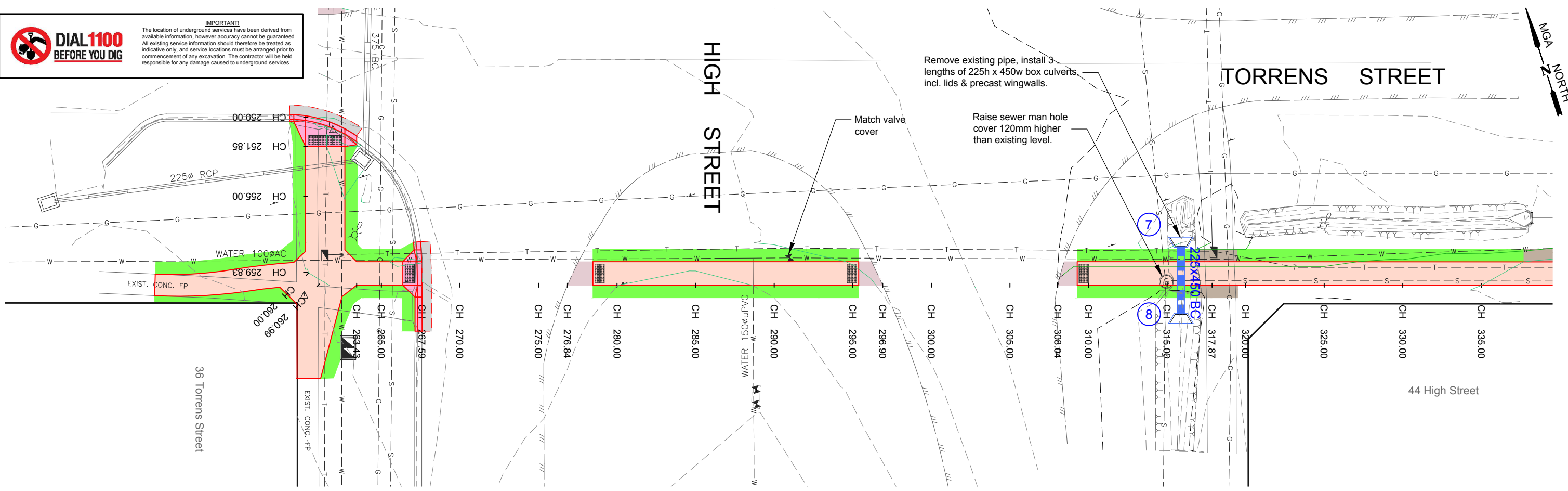
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CHAINAGE	267.59	276.84	280.00	284.61	285.00	290.00	295.00	296.90	308.04	310.00	315.00	320.00	325.00	330.00	335.00	340.00	342.50	345.00	346.54	347.50	350.00	355.00	357.50	
DES CL	187.74	187.77	187.80	187.82	187.82	187.79	187.73	187.71	187.53	187.53	187.53	187.53	187.53	187.55	187.60	187.67	187.71	187.73	187.73	187.73	187.72	187.71	187.69	187.70
NS CL	187.64	187.77	187.76	187.76	187.76	187.76	187.70	187.69	187.50	187.50	187.39	187.50	187.49	187.50	187.53	187.56	187.59	187.66	187.69	187.72	187.71	187.69	187.69	187.70

R.L. 182.00

Grades: 1.0%, -1.2%, 0.0%, 1.4%, -0.3%

IP: 187.85, IP: 187.71, IP: 187.53, IP: 187.74

BFP LONGITUDINAL SECTION CH 267.591 To 357.500
 SCALES: H 1:250 V 1:100 (A3)

LEGEND

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- NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf
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- CRUSHED ROCK: - 100mm depth CL3 FCR
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- Existing Contour 0.10m interval
- TREE REMOVALS

AMENDMENTS

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CITY OF GREATER BENDIGO

GOLDIE STREET MARONG
 FOOTPATH CONSTRUCTION
 LAYOUT PLAN & LONGITUDINAL SECTION

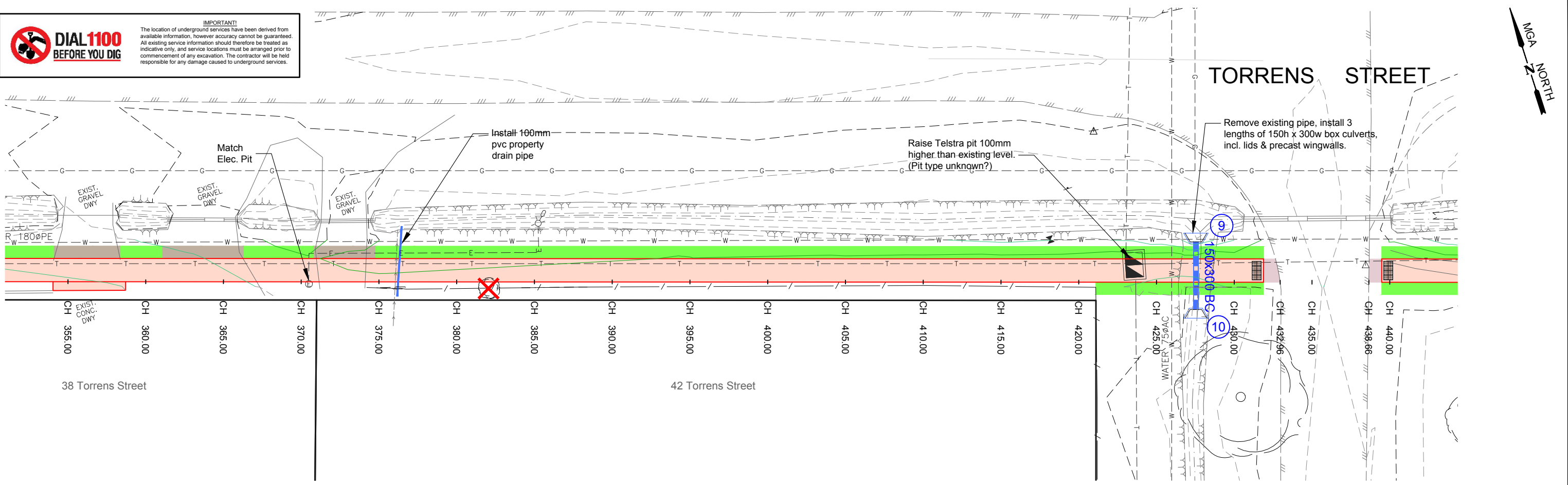
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CHAINAGE	357.50	360.00	362.50	365.00	370.00	370.50	373.00	375.00	375.05	375.50	380.00	385.00	390.00	395.00	400.00	405.00	410.00	415.00	420.00	425.00	426.59	427.50	430.00	432.96	438.66	440.00	443.50	443.76	445.00	446.50
DES CL	187.70	187.68	187.66	187.62	187.55	187.54	187.52	187.51	187.51	187.51	187.52	187.53	187.53	187.54	187.55	187.55	187.56	187.57	187.58	187.61	187.61	187.61	187.59	187.55	187.57	187.57	187.58	187.58	187.57	187.56
NS CL	187.69	187.67	187.65	187.63	187.54	187.54	187.53	187.50	187.50	187.51	187.50	187.49	187.51	187.53	187.53	187.54	187.54	187.54	187.55	187.55	187.44	187.35	187.22	187.34	187.53	187.53	187.39	187.39	187.37	187.37
CHAINAGE	357.50	360.00	362.50	365.00	370.00	370.50	373.00	375.00	375.05	375.50	380.00	385.00	390.00	395.00	400.00	405.00	410.00	415.00	420.00	425.00	426.59	427.50	430.00	432.96	438.66	440.00	443.50	443.76	445.00	446.50

BFP LONGITUDINAL SECTION CH 357.500 To 446.500
SCALES: H 1:250 V 1:100 (A3)

LEGEND

- PROPOSED CONCRETE: Footpaths - Refer SD200, SD205 & SD210; Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT: 75mm depth topsoil & kikuyu instant turf
- NATURE STRIP REINSTATEMENT: 25mm depth topsoil - seeded & raked.
- ASPHALT: - 40mm depth asphalt; - 100mm depth CL3 FCR
- CRUSHED ROCK: - 100mm depth CL3 FCR
- Design Contour 0.10m interval
- Existing Contour 0.10m interval
- TREE REMOVALS

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

GOLDIE STREET MARONG

FOOTPATH CONSTRUCTION

LAYOUT PLAN & LONGITUDINAL SECTION

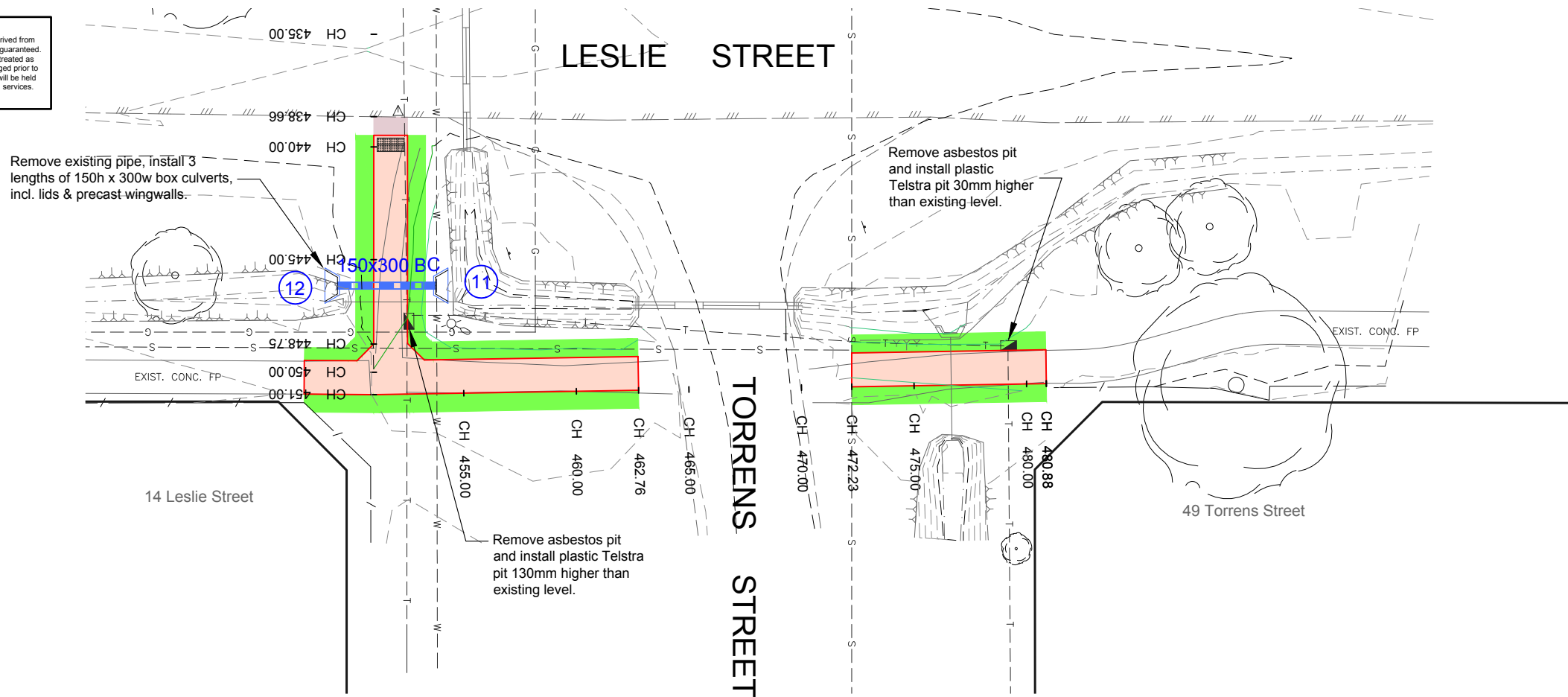
Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/22
Approved by	N. SARTORI	-/22
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4959.dwg	
Sheet: 8 OF 16	Reference: GB4959	

PRELIMINARY DESIGN DRAFT 2

Plot Date: 28/01/2022
Plotted By: LEIGH



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.



CHAINAGE	446.50	448.75	451.00	455.00	460.00	462.76	472.23	475.00	480.00	480.88
DES CL	187.56	187.52	187.48	187.47	187.46	187.45	187.41	187.40	187.39	187.39
NS CL	187.37	187.37	187.36	187.39	187.40	187.41	187.38	187.36	187.36	187.38
CHAINAGE	446.50	448.75	451.00	455.00	460.00	462.76	472.23	475.00	480.00	480.88

I.P. 187.48

I.P. 187.45

3.0

-1.6%

-0.3%

-0.2%

R.L. 182.00

BFP LONGITUDINAL SECTION CH 446.500 To 480.876
SCALES: H 1:250 V 1:100 (A3)

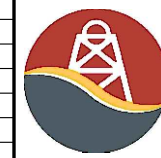
LEGEND

- PROPOSED CONCRETE:
Footpaths - Refer SD200, SD205 & SD210
Driveways - Refer SD235 & SD240
- NATURE STRIP REINSTATEMENT:
75mm depth topsoil & kikuyu instant turf
- NATURE STRIP REINSTATEMENT:
25mm depth topsoil - seeded & raked.
- ASPHALT
- 40mm depth asphalt
- 100mm depth CL3 FCR
- CRUSHED ROCK
- 100mm depth CL3 FCR
- Design Contour
0.10m interval
- Existing Contour
0.10m interval
- TREE REMOVALS

AMENDMENTS

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

CITY OF GREATER BENDIGO

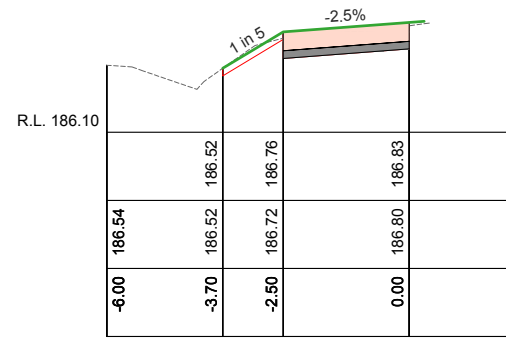


GOLDIE STREET
MARONG
FOOTPATH CONSTRUCTION
LAYOUT PLAN & LONGITUDINAL SECTION

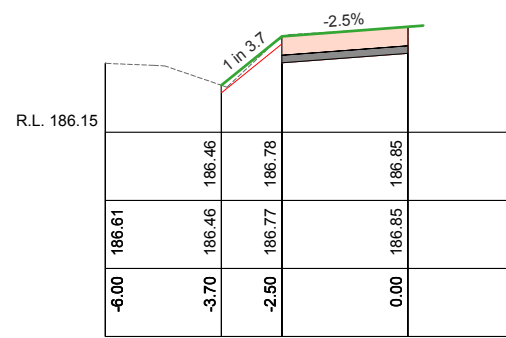
Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4959.dwg	
Sheet: 9 OF 16	Reference: GB4959	

**PRELIMINARY DESIGN
DRAFT 2**

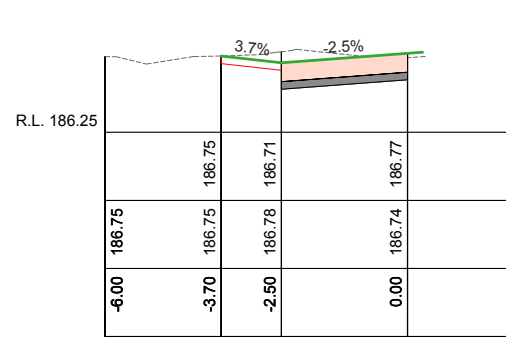
Plot Date: 28/01/2022
Plotted By: LEIGH



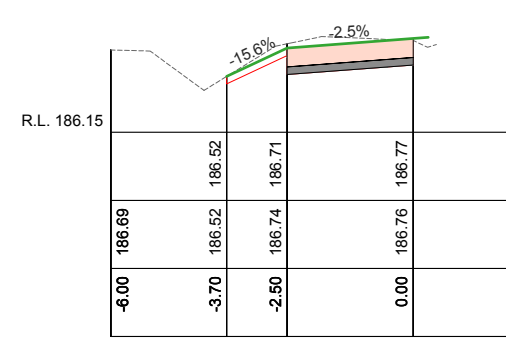
Ch 30.00



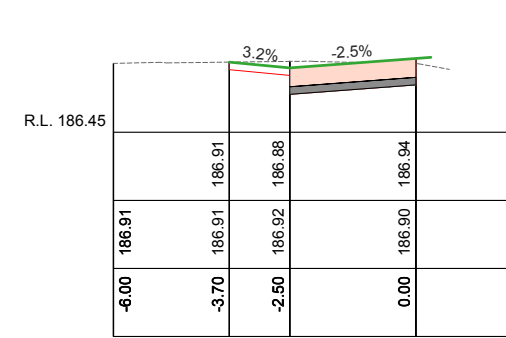
Ch 50.00



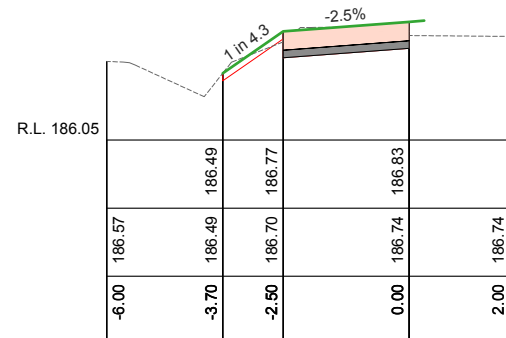
Ch 70.00



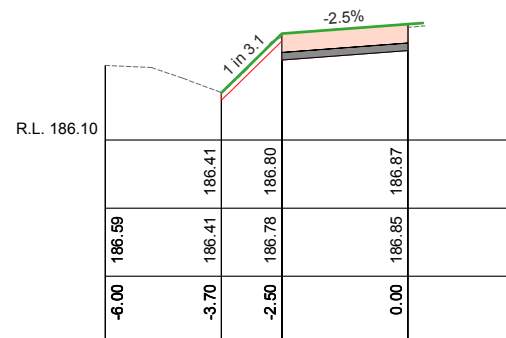
Ch 90.00



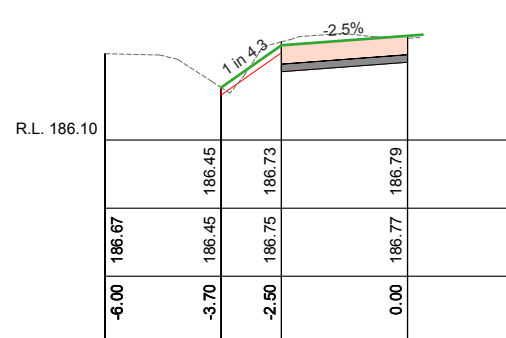
Ch 110.00



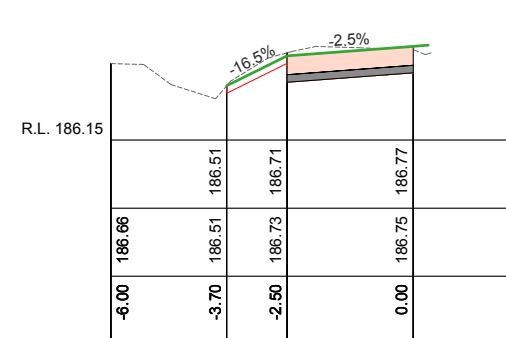
Ch 25.00



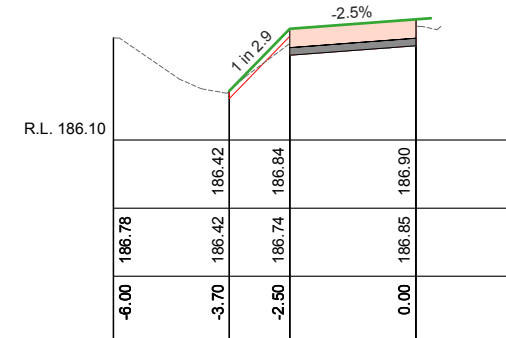
Ch 45.00



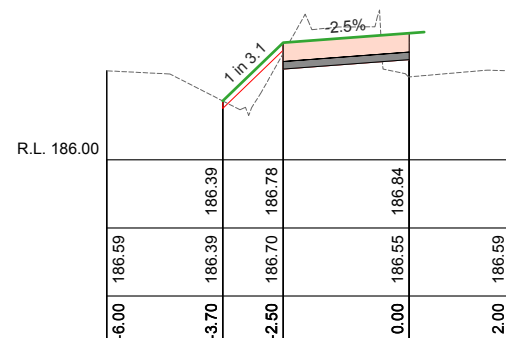
Ch 65.00



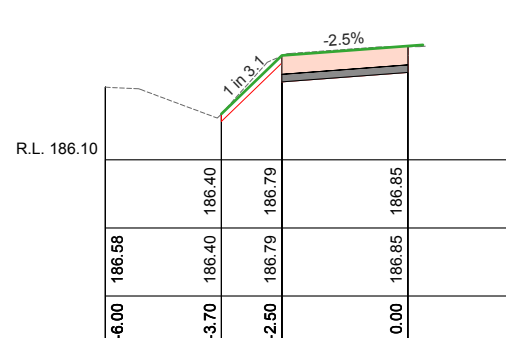
Ch 85.00



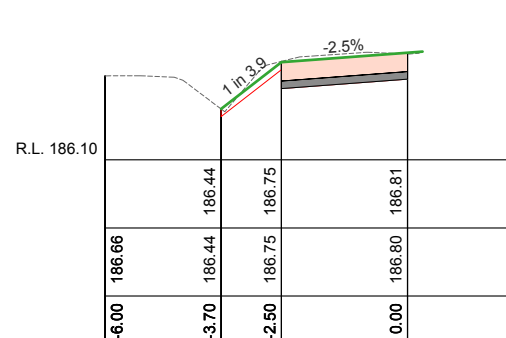
Ch 105.00



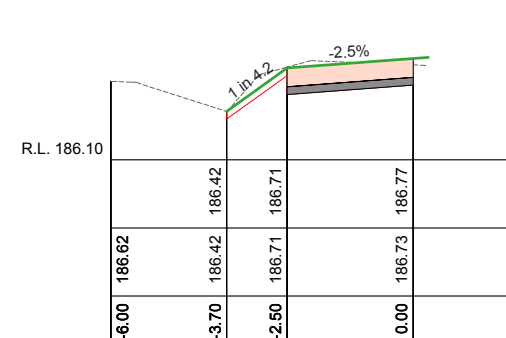
Ch 20.00



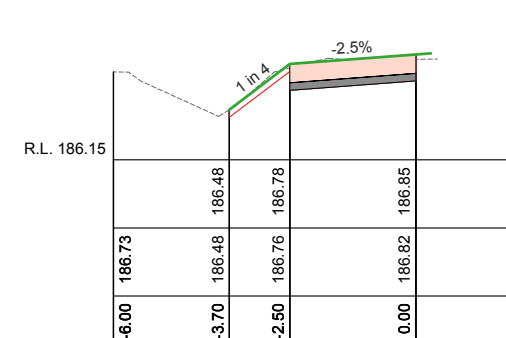
Ch 40.00



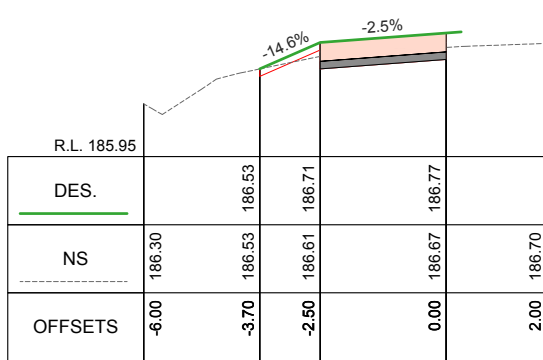
Ch 60.00



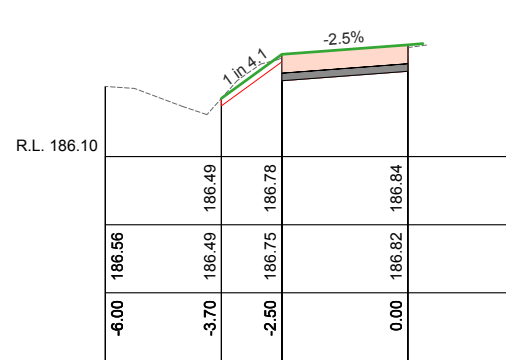
Ch 80.00



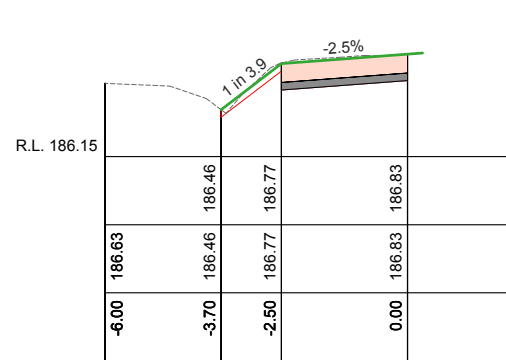
Ch 100.00



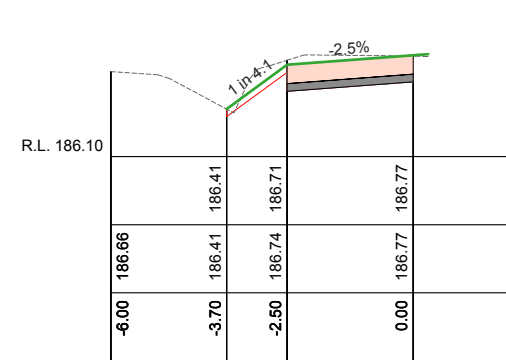
BFP CROSS SECTIONS Ch 5.00
 SCALES: H 1:150 V 1:50 (A3)



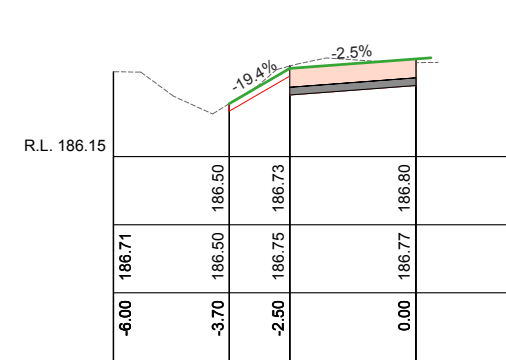
Ch 35.00



Ch 55.00



Ch 75.00




Ch 95.00

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

**GOLDIE STREET
 MARONG
 FOOTPATH CONSTRUCTION**

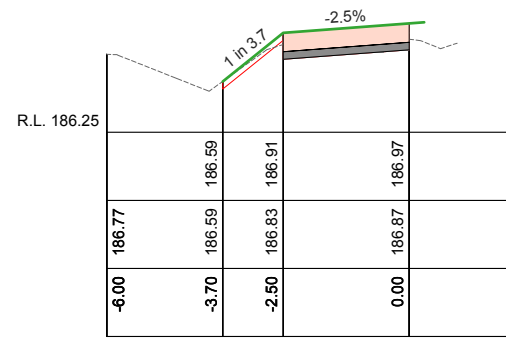
CROSS SECTIONS



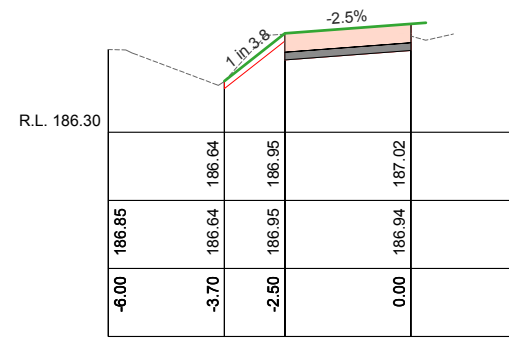
Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale:	AS SHOWN	Revision: A
Original sheet size:	A3	File: GB4959.dwg
Sheet:	10 OF 16	Reference: GB4959

**PRELIMINARY DESIGN
 DRAFT 2**

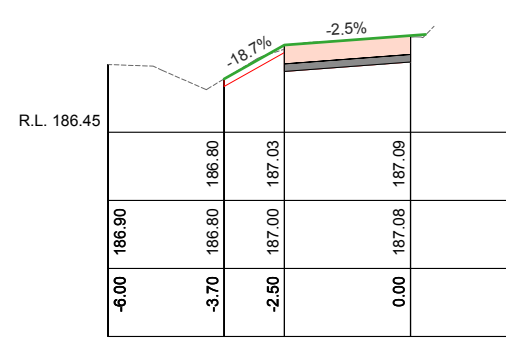
Plot Date: 28/01/2022
 Plotted By: LEIGH



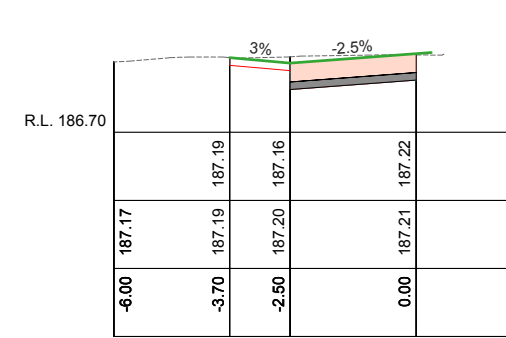
Ch 130.00



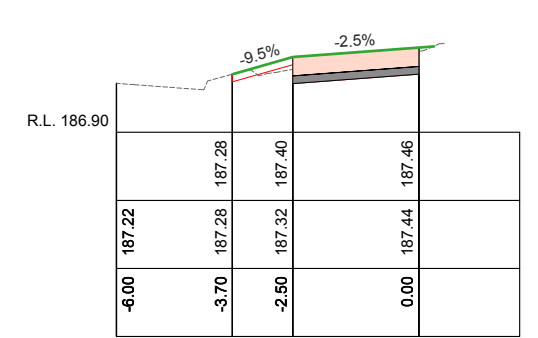
Ch 150.00



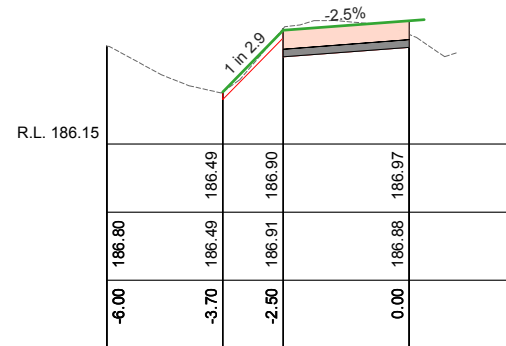
Ch 170.00



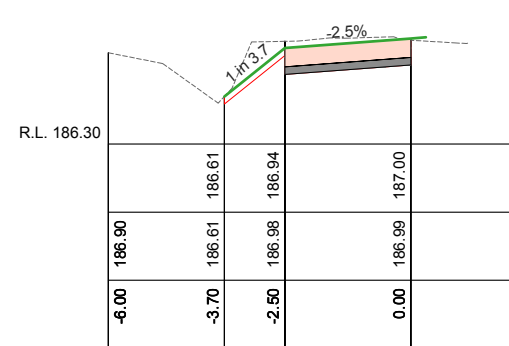
Ch 190.00



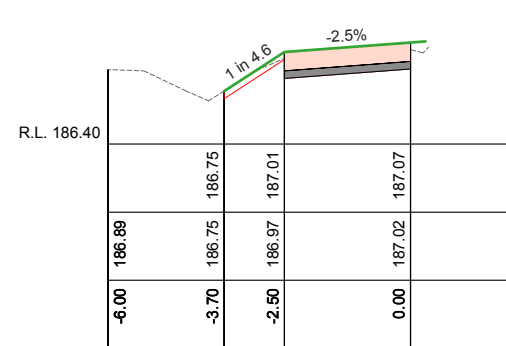
Ch 210.00



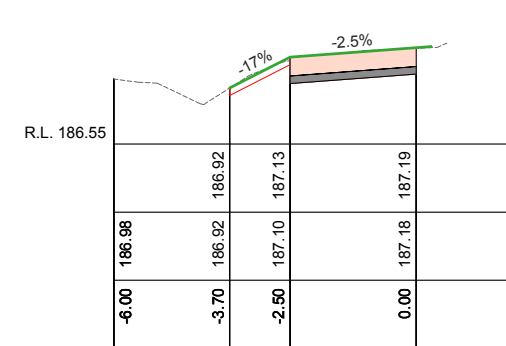
Ch 125.00



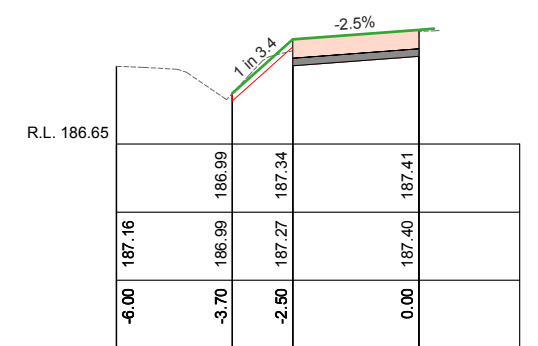
Ch 145.00



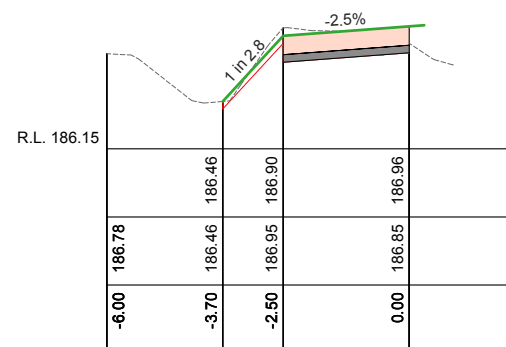
Ch 165.00



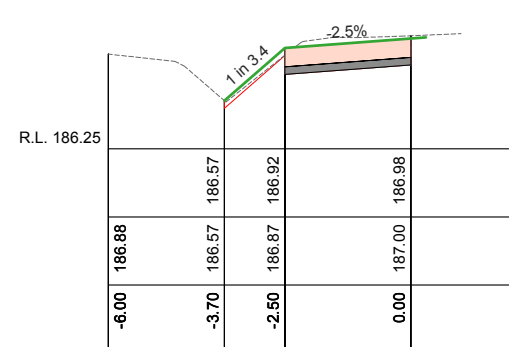
Ch 185.00



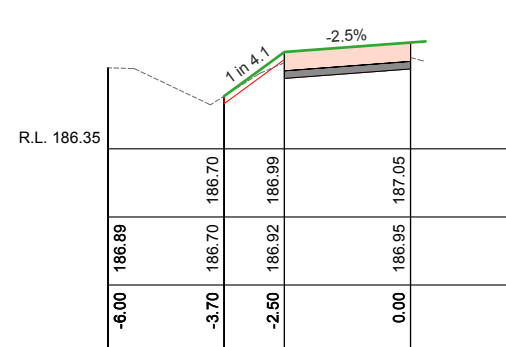
Ch 205.00



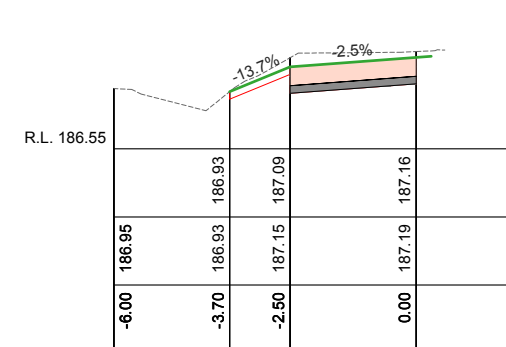
Ch 120.00



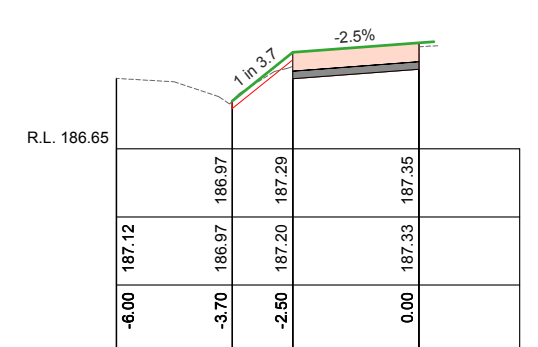
Ch 140.00



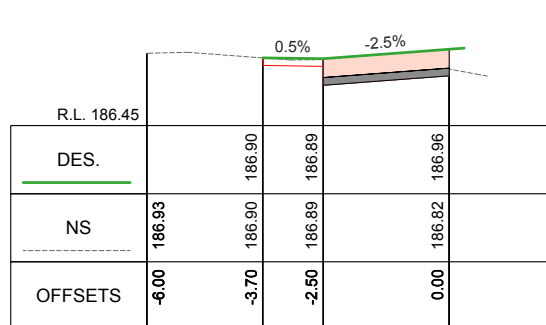
Ch 160.00



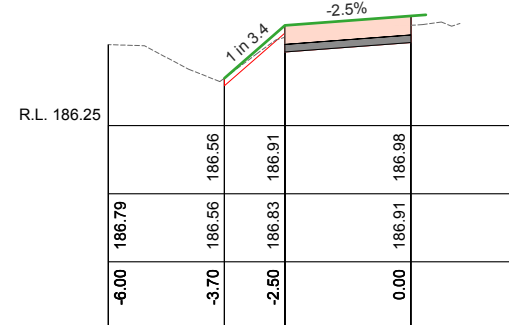
Ch 180.00



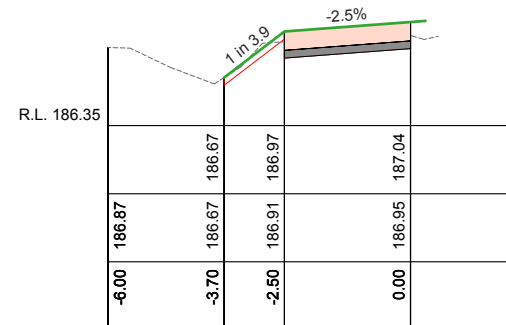
Ch 200.00



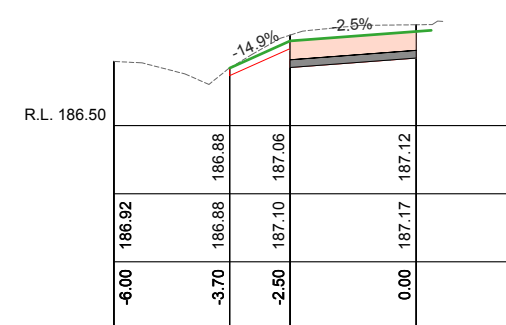
BFP CROSS SECTIONS Ch 115.00
 SCALES: H 1:150 V 1:50 (A3)



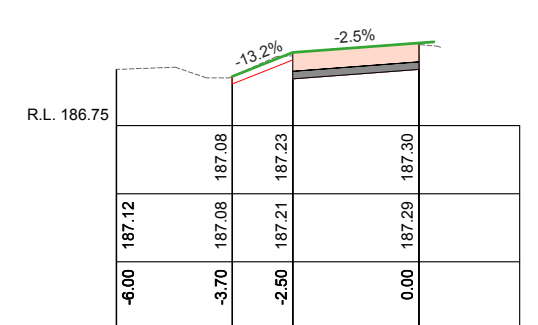
Ch 135.00



Ch 155.00



Ch 175.00




Ch 195.00

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

**GOLDIE STREET
 MARONG
 FOOTPATH CONSTRUCTION**

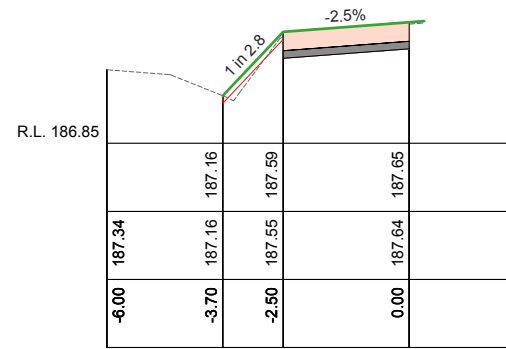
CROSS SECTIONS



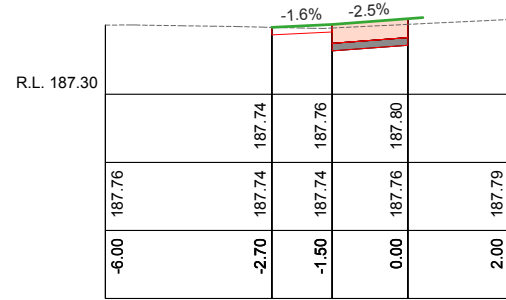
Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale:	AS SHOWN	Revision: A
Original sheet size:	A3	File: GB4959.dwg
Sheet:	11 OF 16	Reference: GB4959

**PRELIMINARY DESIGN
 DRAFT 2**

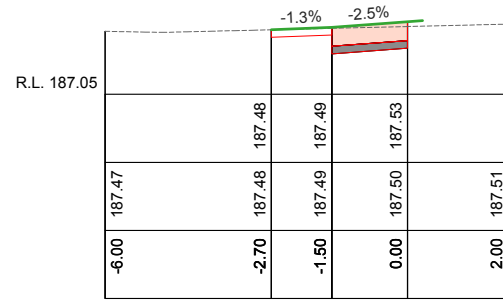
Plot Date: 28/01/2022
 Plotted By: LEIGH



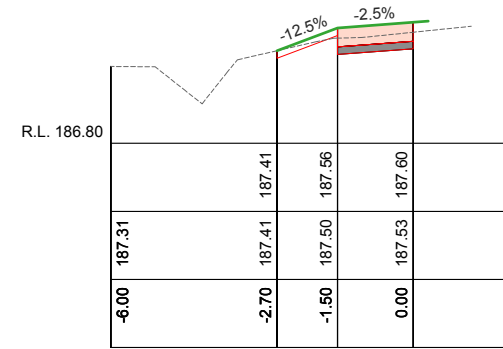
Ch 230.00



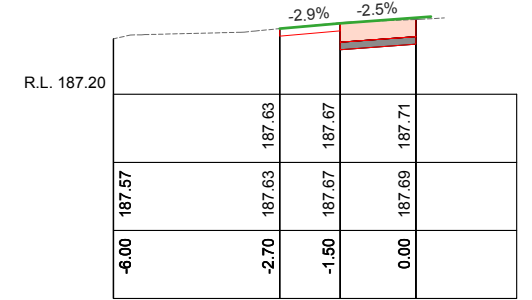
Ch 280.00



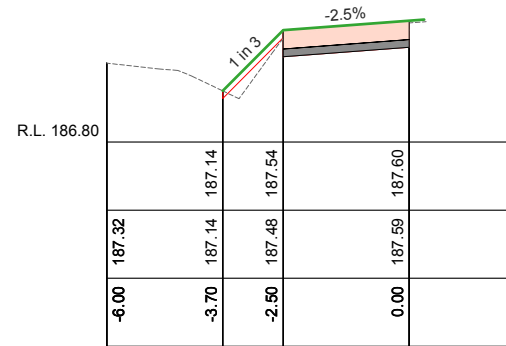
Ch 310.00



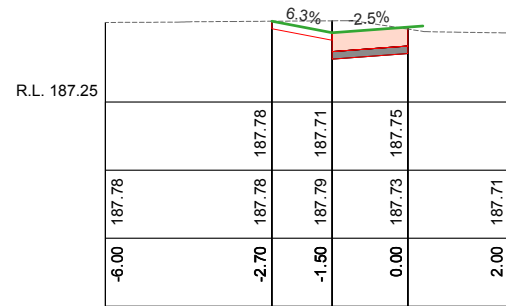
Ch 335.00



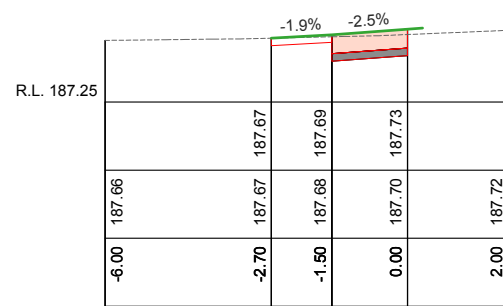
Ch 355.00



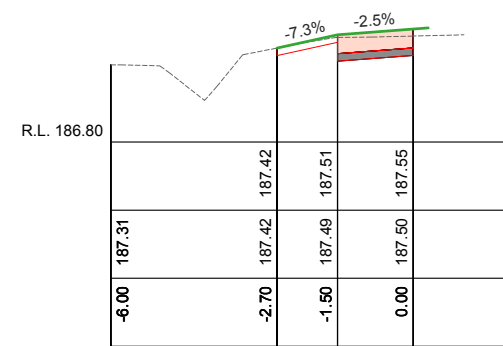
Ch 225.00



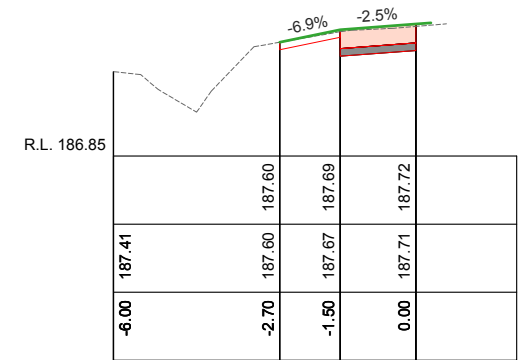
Ch 265.00



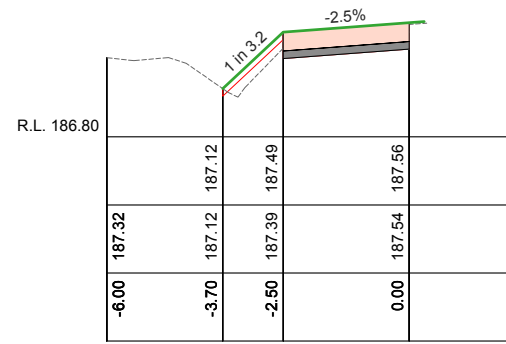
Ch 295.00



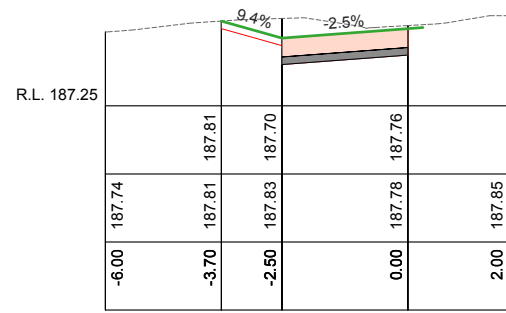
Ch 330.00



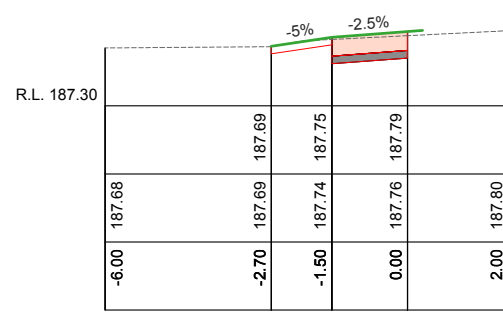
Ch 350.00



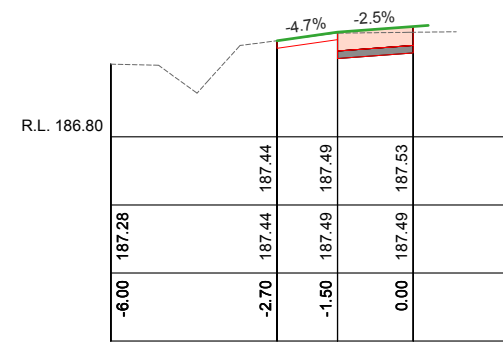
Ch 220.00



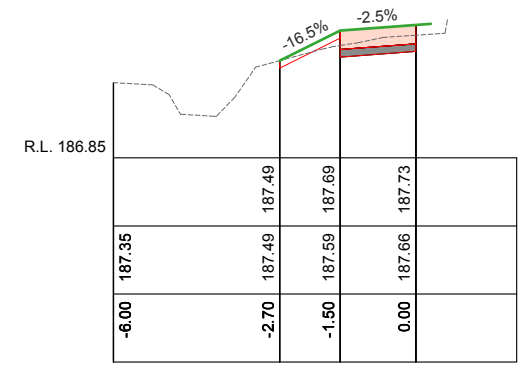
Ch 255.00



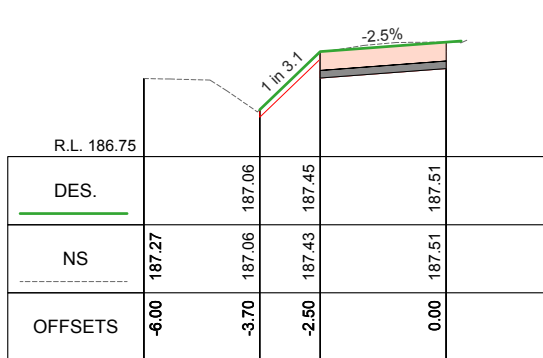
Ch 290.00



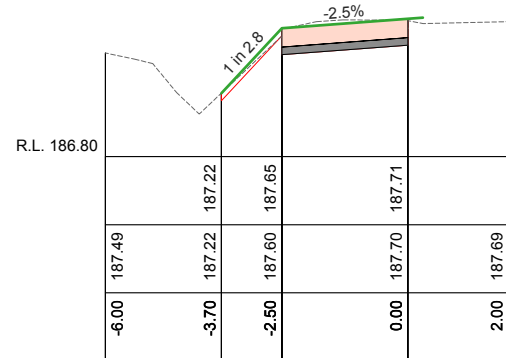
Ch 325.00



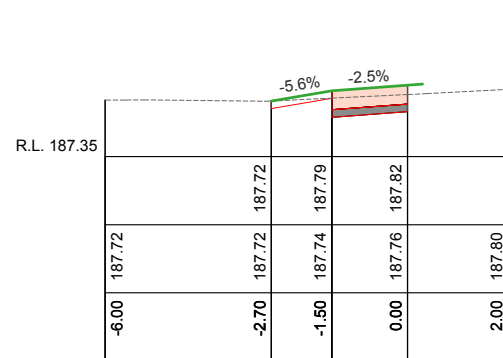
Ch 345.00



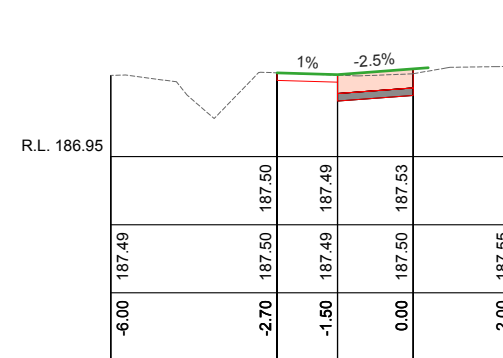
BFP CROSS SECTIONS Ch 215.00
 SCALES: H 1:150 V 1:50 (A3)



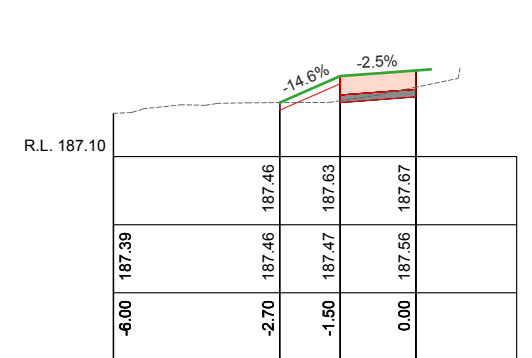
Ch 240.00



Ch 285.00



Ch 320.00



Ch 340.00

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

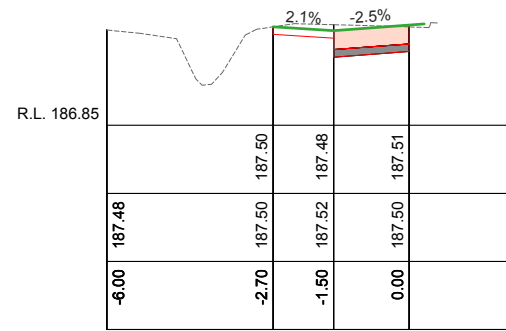
**GOLDIE STREET
 MARONG
 FOOTPATH CONSTRUCTION**

CROSS SECTIONS

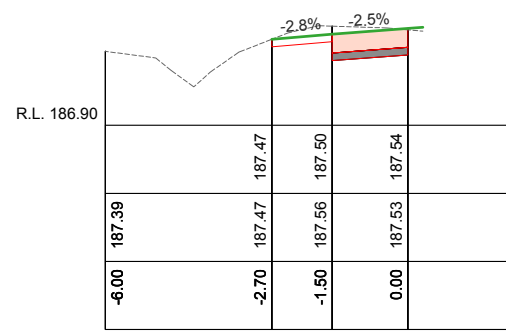
Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale:	AS SHOWN	Revision: A
Original sheet size:	A3	File: GB4959.dwg
Sheet:	12 OF 16	Reference: GB4959

**PRELIMINARY DESIGN
 DRAFT 2**

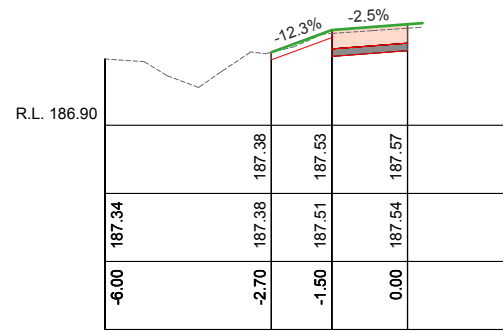
Plot Date: 28/01/2022
 Plotted By: LEIGH



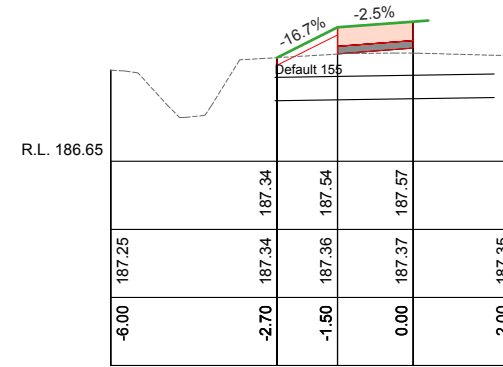
Ch 375.00



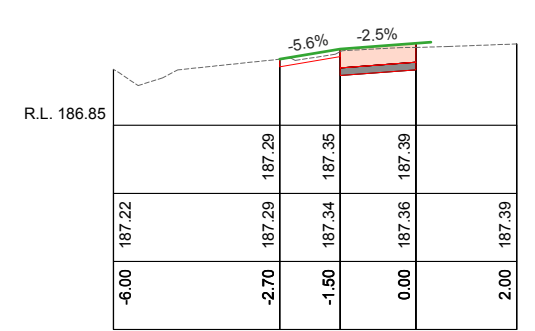
Ch 395.00



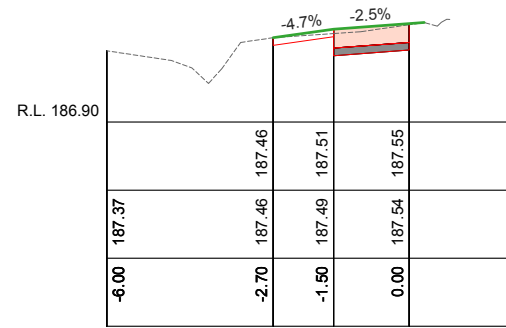
Ch 415.00



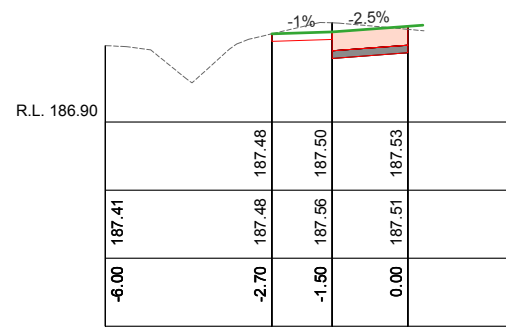
Ch 445.00



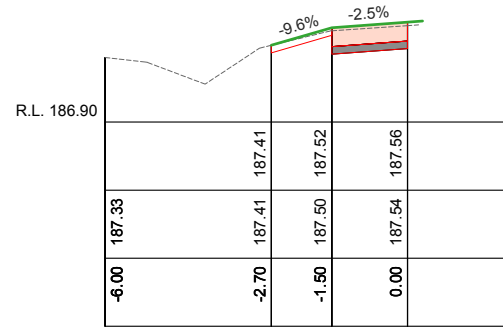
Ch 480.00



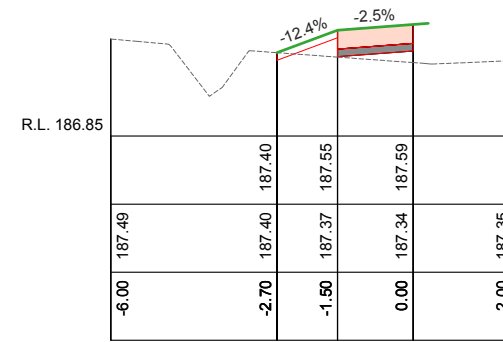
Ch 370.00



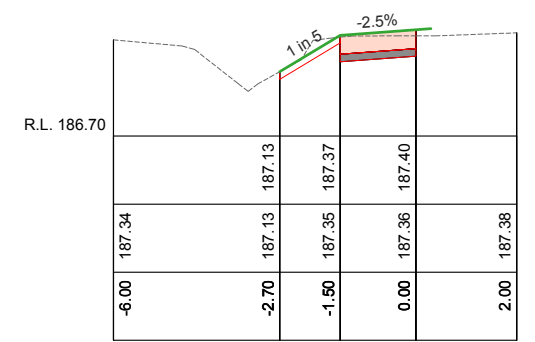
Ch 390.00



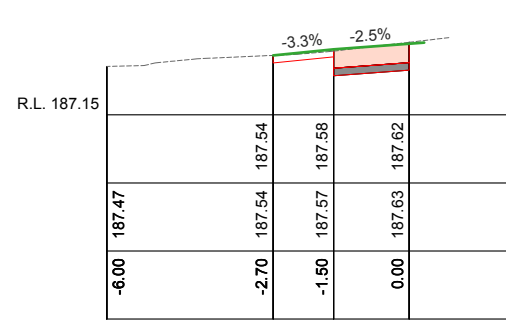
Ch 410.00



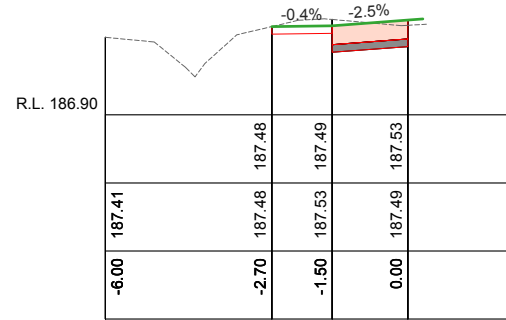
Ch 430.00



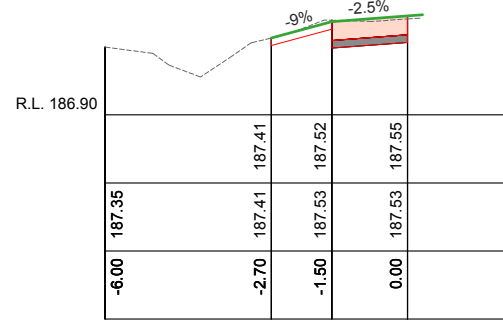
Ch 475.00



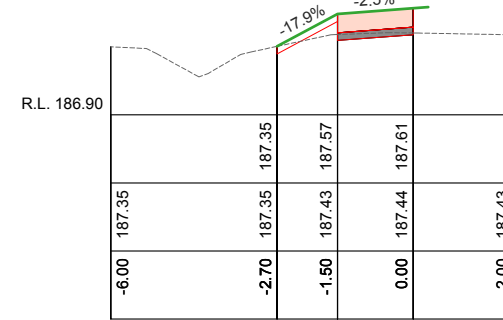
Ch 365.00



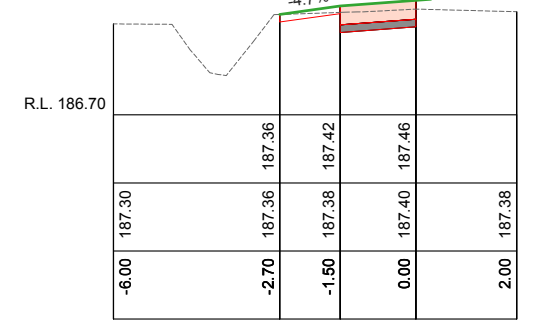
Ch 385.00



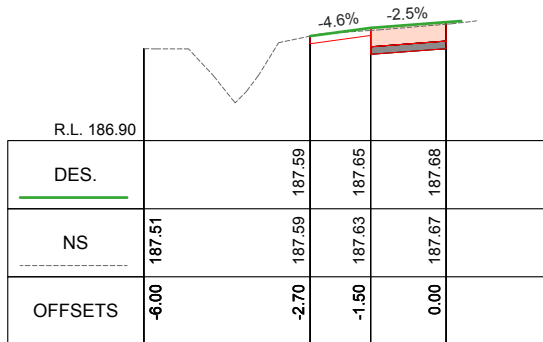
Ch 405.00



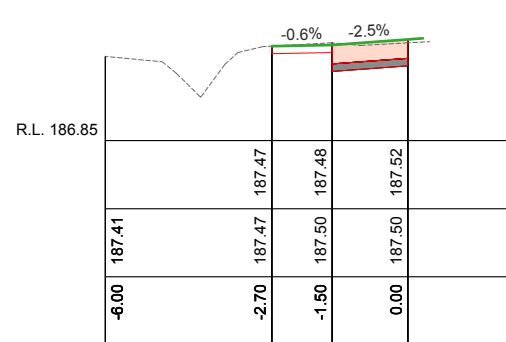
Ch 425.00



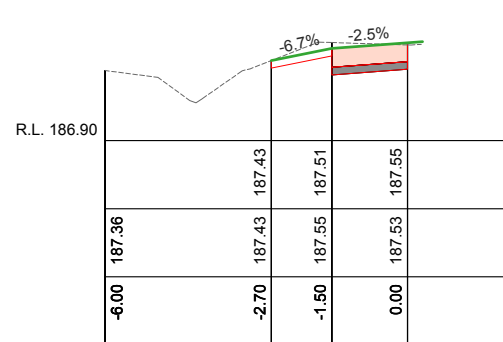
Ch 460.00



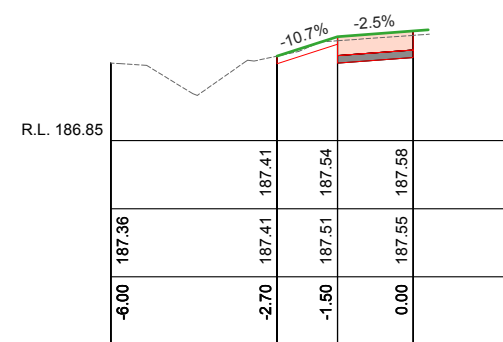
BFP CROSS SECTIONS Ch 360.00
 SCALES: H 1:150 V 1:50 (A3)



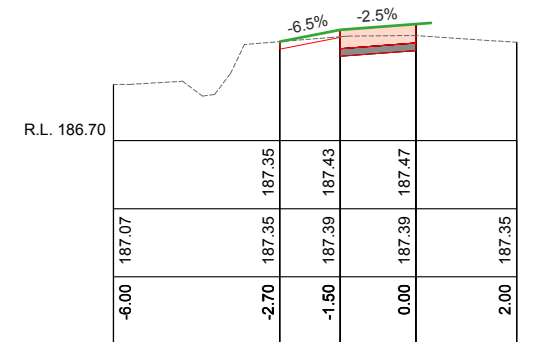
Ch 380.00



Ch 400.00



Ch 420.00




Ch 455.00

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

**GOLDIE STREET
 MARONG
 FOOTPATH CONSTRUCTION**

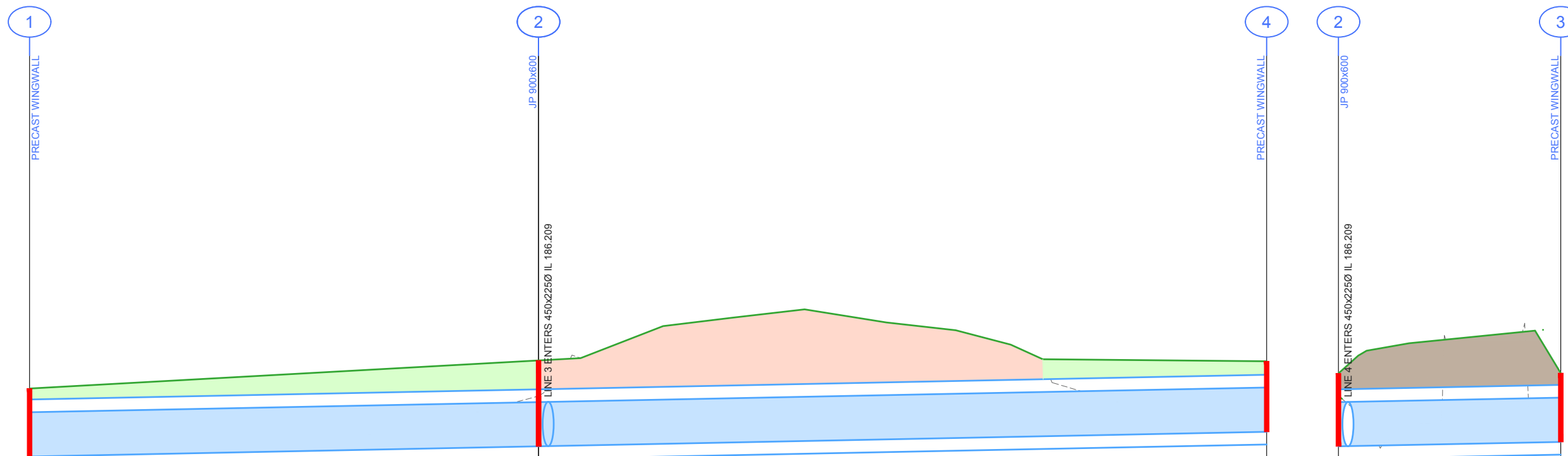
CROSS SECTIONS



Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/22
Approved by	N. SARTORI	-/22
Scale:	AS SHOWN	Revision: A
Original sheet size:	A3	File: GB4959.dwg
Sheet:	13 OF 16	Reference: GB4959

**PRELIMINARY DESIGN
 DRAFT 2**

Plot Date: 28/01/2022
 Plotted By: LEIGH



PIPE DETAILS	450x225ØDefault		450x225ØDefault	
SLOPE/GRADE	1:201 0.5%		1:200 0.5%	
DATUM RL 185.5				
INVERT LEVEL	186.156	186.209	186.285	186.285
EXISTING SURFACE	186.29	186.47	186.42	186.42
DESIGN SURFACE	186.29	186.47	186.47	186.47
CHAINAGE	0.00	10.64	15.22	25.86

PIPE DETAILS	450x225ØDefault	
SLOPE/GRADE	1:200 0.5%	
DATUM RL 185.5		
INVERT LEVEL	186.209	186.232
EXISTING SURFACE	186.47	186.40
DESIGN SURFACE	186.47	186.79
CHAINAGE	10.64	15.29

DRAINAGE LONGITUDINAL SECTION
 SCALES: HORIZONTAL 1:100 VERTICAL 1:25

DRAINAGE LONGITUDINAL SECTION
 SCALES: HORIZONTAL 1:100 VERTICAL 1:25


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)

AMENDMENTS				
Revision	Description	Approved by	Date	
-	-	-	-	-

CITY OF GREATER BENDIGO

**GOLDIE STREET
 MARONG
 FOOTPATH CONSTRUCTION**

DRAINAGE LONGITUDINAL SECTIONS



Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4959.dwg	
Sheet: 14 OF 16	Reference: GB4959	

**PRELIMINARY DESIGN
 DRAFT 2**

Plot Date: 28/01/2022
 Plotted By: LEIGH

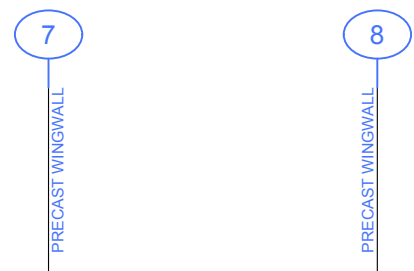


PIPE DETAILS
SLOPE/GRADE
DATUM RL 186.5

450x225ØDefault
1:200 0.5%

INVERT LEVEL	187.180	187.202
EXISTING SURFACE	187.48	187.39
DESIGN SURFACE	187.42	187.39
CHAINAGE	0.00	4.35

DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:100 VERTICAL 1:25



PIPE DETAILS
SLOPE/GRADE
DATUM RL 186.5

450x225ØDefault
1:200 0.5%

INVERT LEVEL	187.128	187.150
EXISTING SURFACE	187.16	187.19
DESIGN SURFACE	187.42	187.19
CHAINAGE	0.00	4.35

DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:100 VERTICAL 1:25



PIPE DETAILS
SLOPE/GRADE
DATUM RL 186.5

300x150ØDefault
1:200 0.5%

INVERT LEVEL	187.150	187.172
EXISTING SURFACE	187.21	187.22
DESIGN SURFACE	187.25	187.22
CHAINAGE	0.00	4.35

DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:100 VERTICAL 1:25



PIPE DETAILS
SLOPE/GRADE
DATUM RL 186.5

300x150ØDefault
1:200 0.5%

INVERT LEVEL	187.050	187.072
EXISTING SURFACE	187.31	187.30
DESIGN SURFACE	187.32	187.30
CHAINAGE	0.00	4.35

DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:100 VERTICAL 1:25

LEGEND

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

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

**GOLDIE STREET
MARONG
FOOTPATH CONSTRUCTION**

DRAINAGE LONGITUDINAL SECTIONS

Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4959.dwg	
Sheet: 15 OF 16	Reference: GB4959	


**PRELIMINARY DESIGN
DRAFT 2**

Plot Date: 28/01/2022
Plotted By: LEIGH

SETOUT ON CONSTRUCTION PLANS

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO



**GOLDIE STREET
MARONG
FOOTPATH CONSTRUCTION**

SETOUT

Survey	H. WHYTOCK	NOV. 2021
Design	L. OLIVER	DEC. 2021
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4959.dwg	
Sheet: 16 OF 16	Reference: GB4959	

**PRELIMINARY DESIGN
DRAFT 2**

Plot Date: 28/01/2022
Plotted By: LEIGH