

RESERVE STREET, EAGLEHAWK

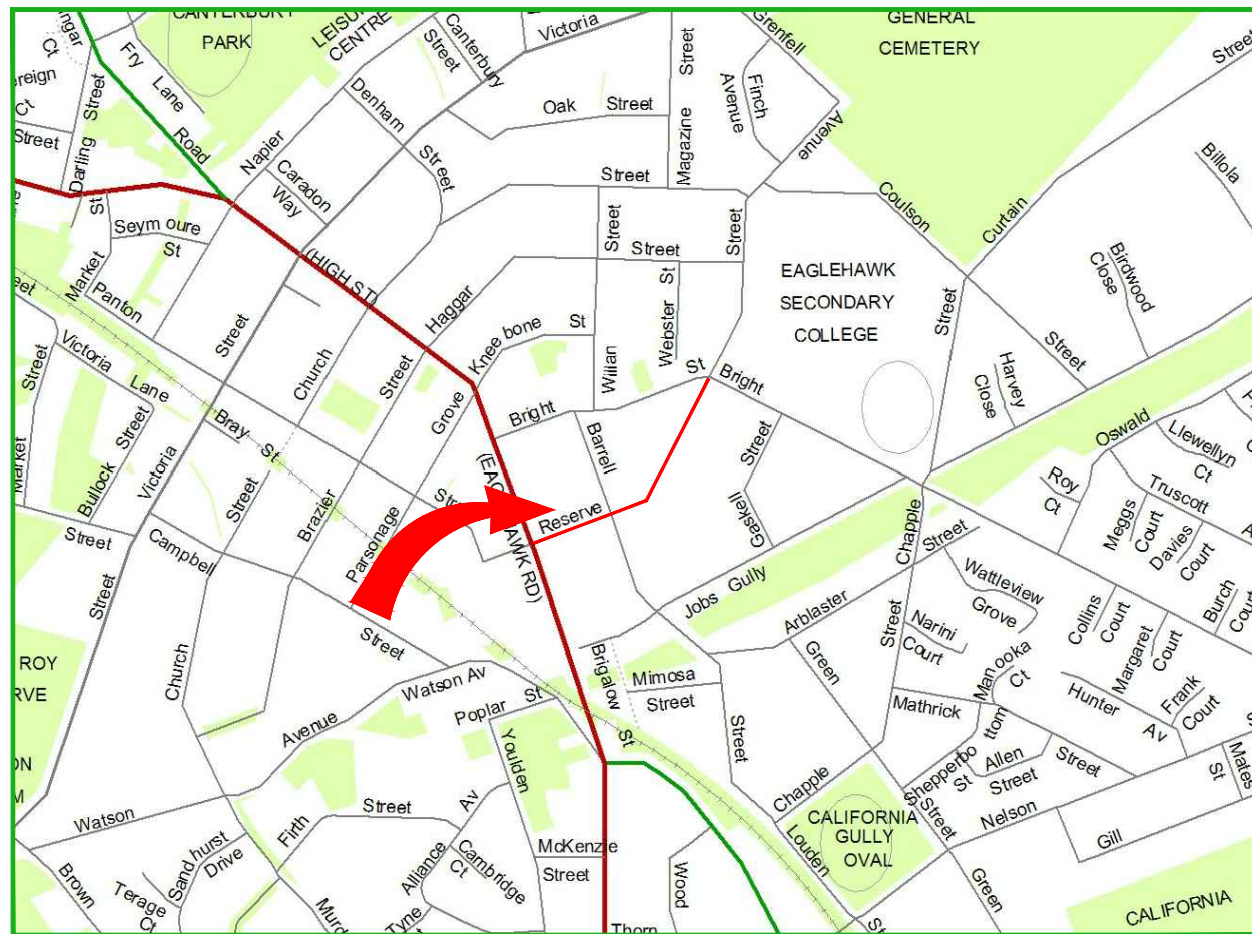
GB4946

NEW FOOTPATH

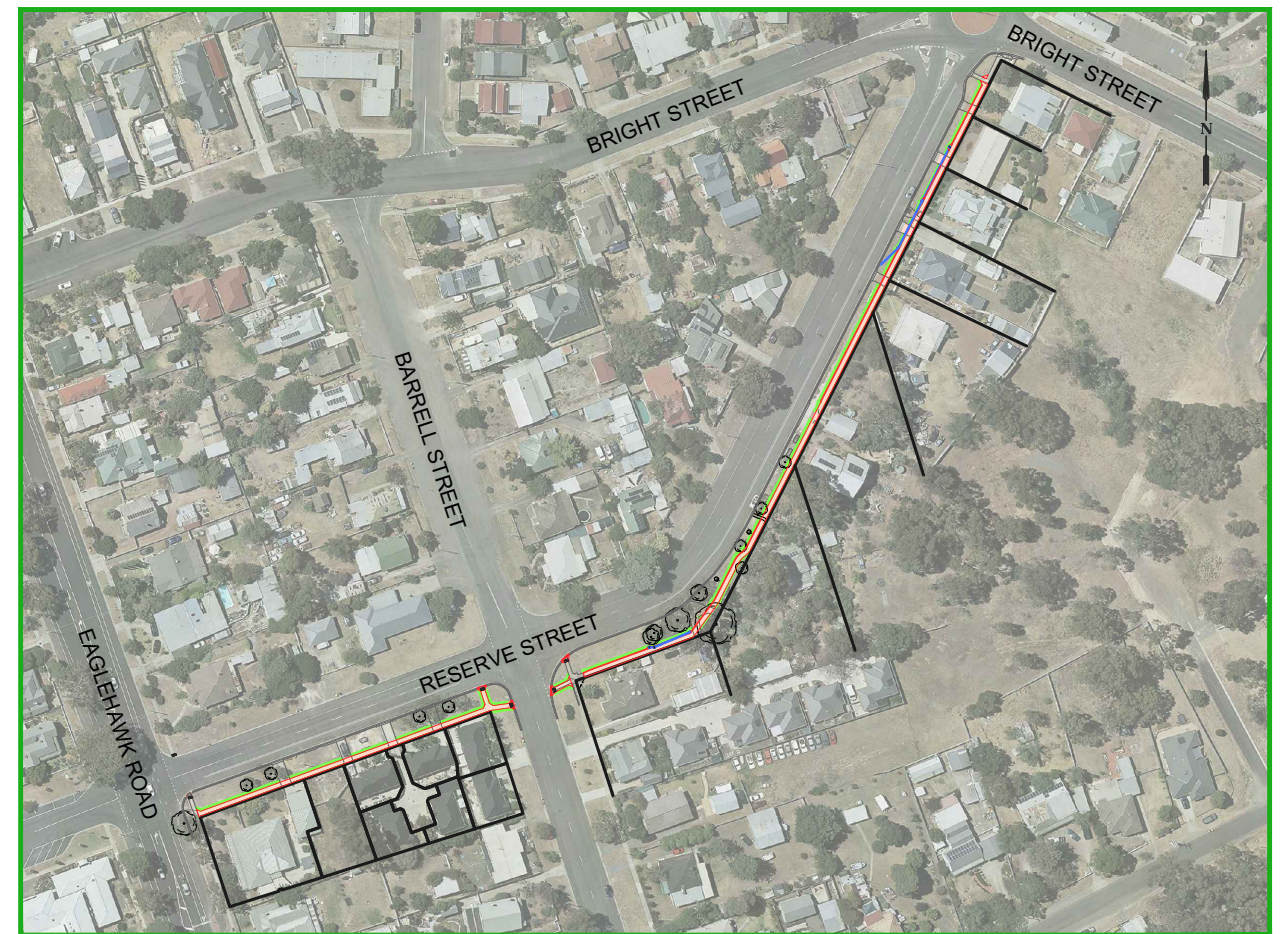
MARCH 2022



DOCUMENT CONTROL				
SHEET No.	SHEET DESC.	30/03/22	xx/xx/22	xx/xx/22
		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	DRAINAGE LONG SECTIONS	A		
11	SETOUT			
12	SETOUT			

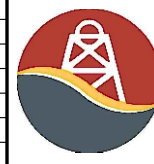


LOCALITY MAP



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

RESERVE STREET
EAGLEHAWK
NEW FOOTPATH

COVER SHEET

Survey	H. WHYTOCK	NOV '21
Design	M. JENNINGS	NOV '21
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision: A	
Original sheet size: A3	File: GB4946.dwg	
Sheet: 1 OF 12	Reference: GB4946	

**PRELIMINARY DESIGN
DRAFT 5**

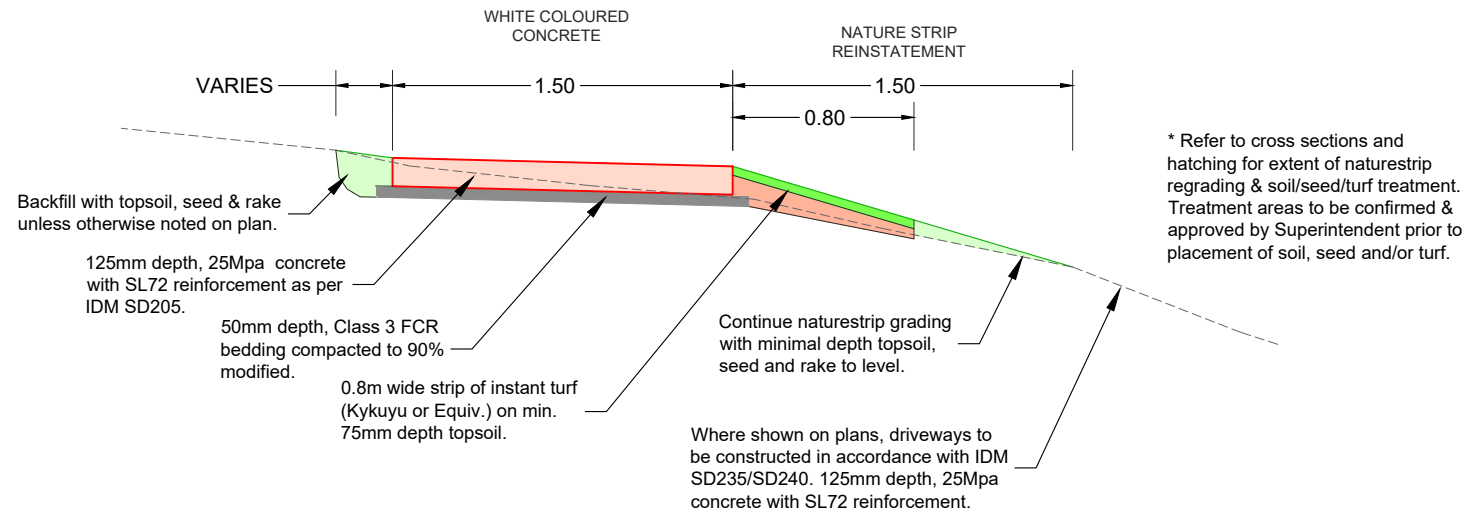
Plot Date: 30/03/2022
Plotted By: MEGAN JENNINGS



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.

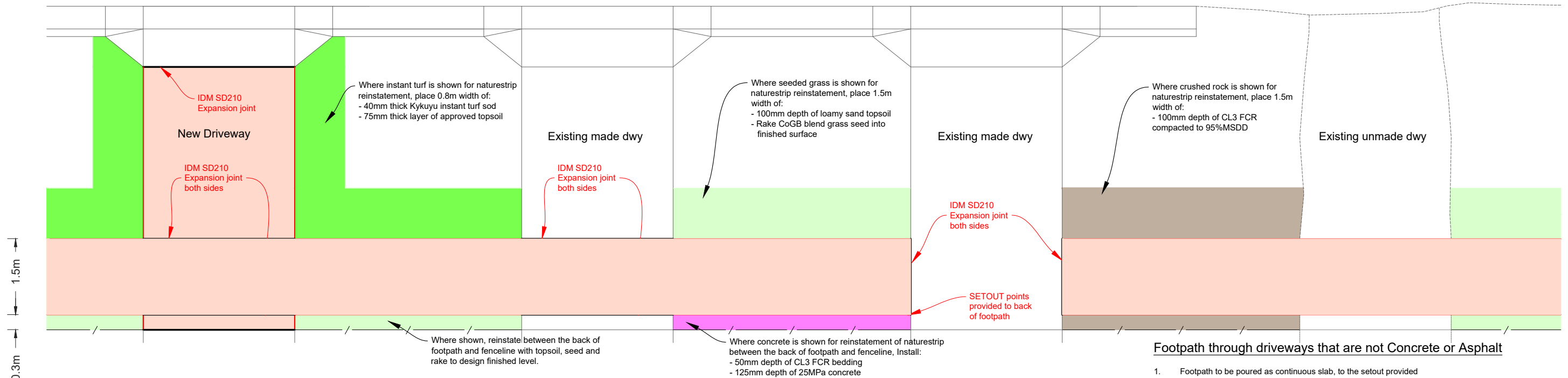
TYPICAL RESIDENTIAL FOOTPATH SECTION

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.
- Expansion joints as per IDM SD210 to be constructed at any joins with existing footpath/driveways or bridges or where noted.
- 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.

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO	
RESERVE STREET EAGLEHAWK NEW FOOTPATH	
GENERAL NOTES & TYPICAL SECTION	

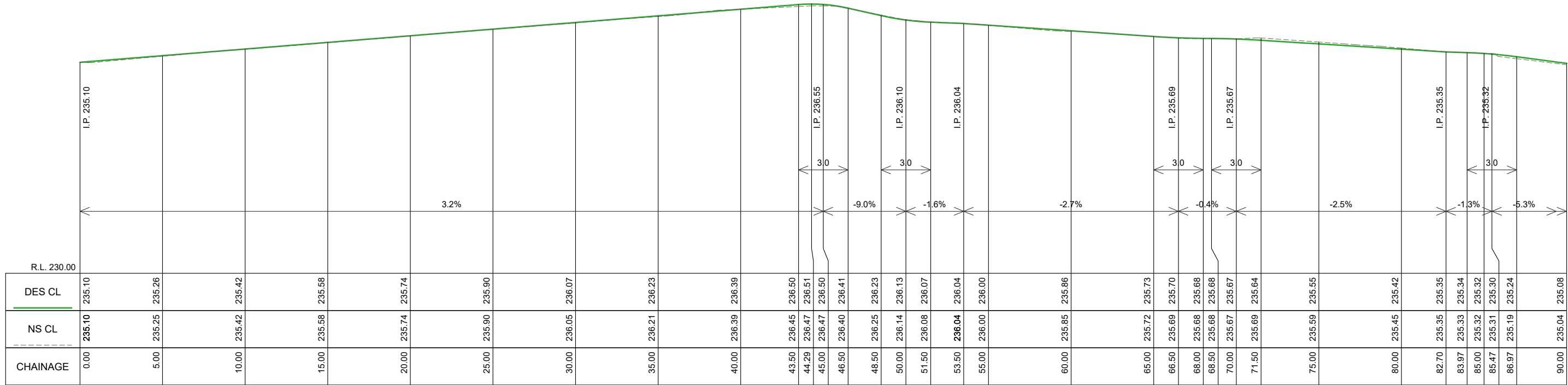
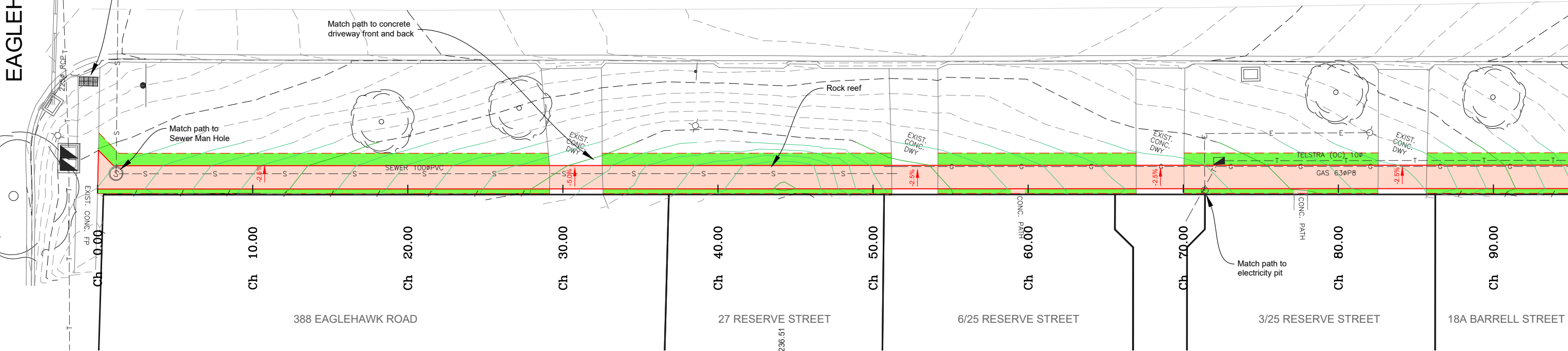
Survey	H. WHYTECK	NOV '21
Design	M. JENNINGS	NOV '21
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision: A	
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Sheet: 2 OF 12	Reference: GB4946	

**PRELIMINARY DESIGN
DRAFT 5**

Plot Date: 30/03/2022
Plotted By: MEGAN JENNINGS

EAGLEHAWK ROAD

RESERVE STREET



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

LEGEND	
	Concrete: Footpath/Driveway Plain, 125mm, SL72, 25Mpa, As per IDM SD205, SD210,
	Concrete: Layback per IDM SD200
	Driveway: Gravel per detail pg 2
	Landscape: Instant Turf
	Landscape: Reinstate Pavers

AMENDMENTS			
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-	-	-	-



CITY OF GREATER BENDIGO

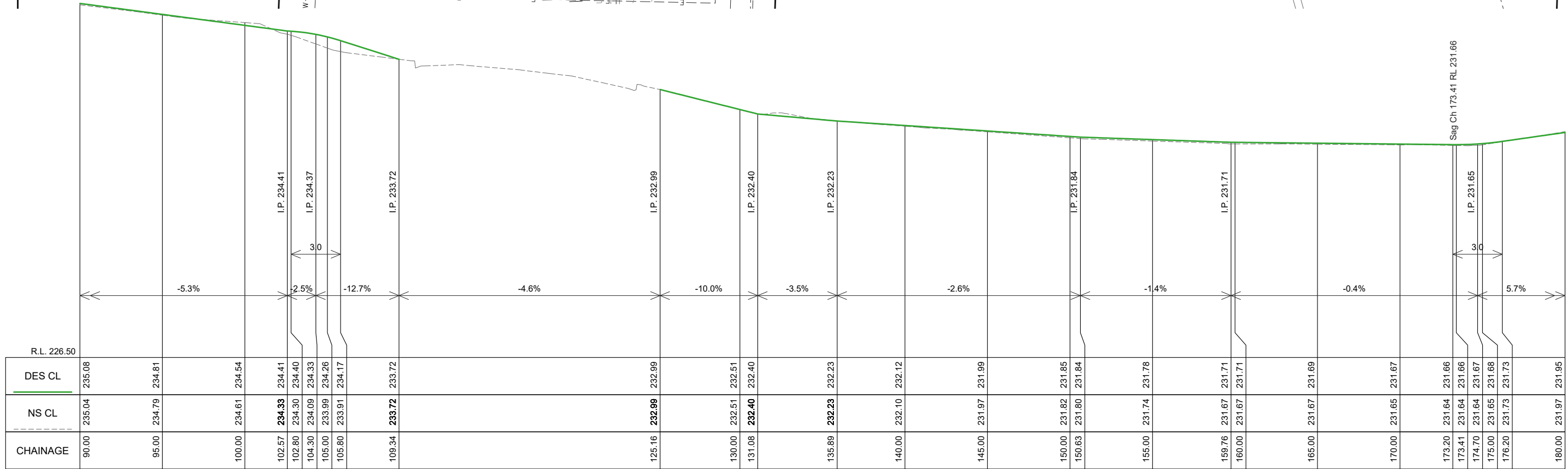
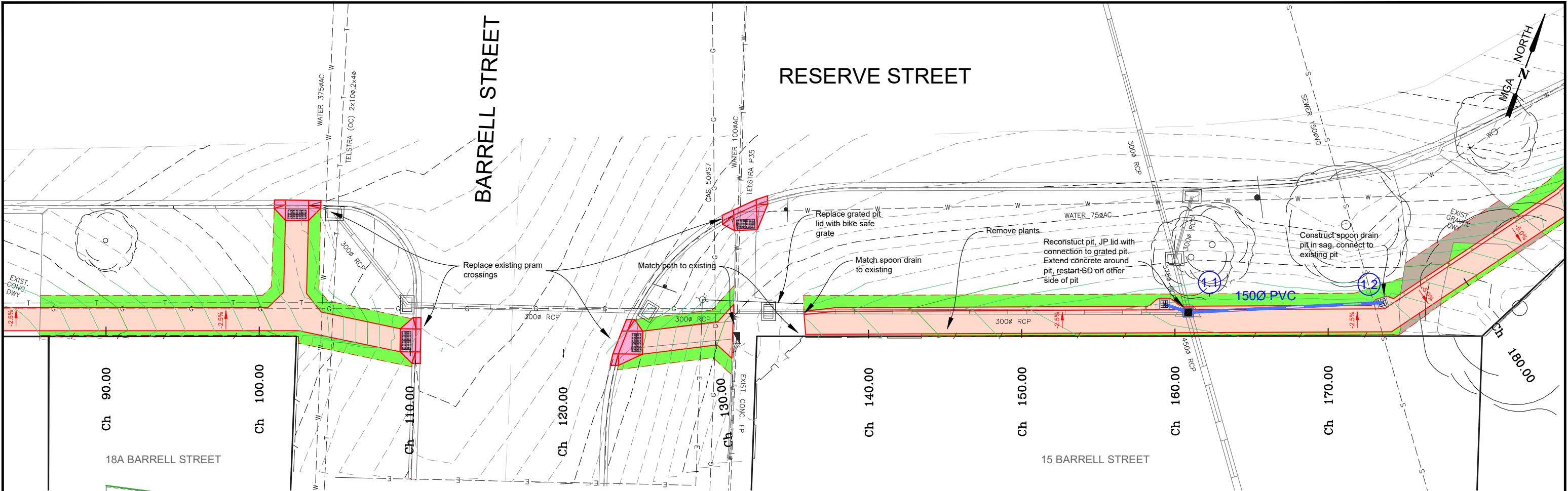
RESERVE STREET
EAGLEHAWK
NEW FOOTPATH

LAYOUT PLAN & LONGITUDINAL SECTION

Survey	H. WHYTOK	NOV '21
Design	M. JENNINGS	NOV '21
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision: A	
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Sheet: 3 OF 12	Reference: GB4946	

PRELIMINARY DESIGN
DRAFT 5

Plot Date: 30/03/2022
Plotted By: MEGAN JENNINGS



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

LEGEND	
	Concrete: Footpath/Driveway Plain, 125mm, SL72, 25Mpa, As per IDM SD205, SD210,
	Concrete: Layback per IDM SD200
	Driveway: Gravel per detail pg 2
	Landscape: Instant Turf
	Landscape: Reinstate Pavers

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

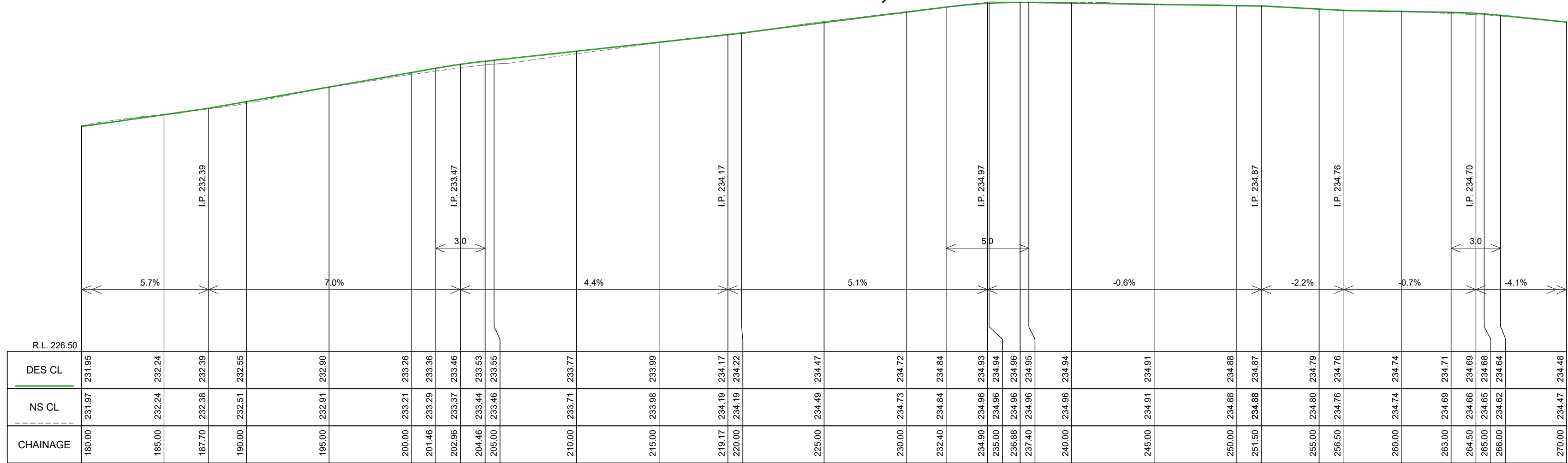
RESERVE STREET
EAGLEHAWK
NEW FOOTPATH

LAYOUT PLAN & LONGITUDINAL SECTION

Survey	H. WHYTECK	NOV '21
Design	M. JENNINGS	NOV '21
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision: A	
Original sheet size: A3	File: GB4946.dwg	
Sheet: 4 OF 12	Reference: GB4946	

PRELIMINARY DESIGN
DRAFT 5

Plot Date: 30/03/2022
Plotted By: MEGAN JENNINGS



RESERVE STREET FOOTPATH LONGITUDINAL SECTION CH 180.000 To 270.000
SCALES: H 1:250 V 1:100 (A3)

LEGEND	
	Landscape: Instant Turf
	Landscape: Reinstate Pavers

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

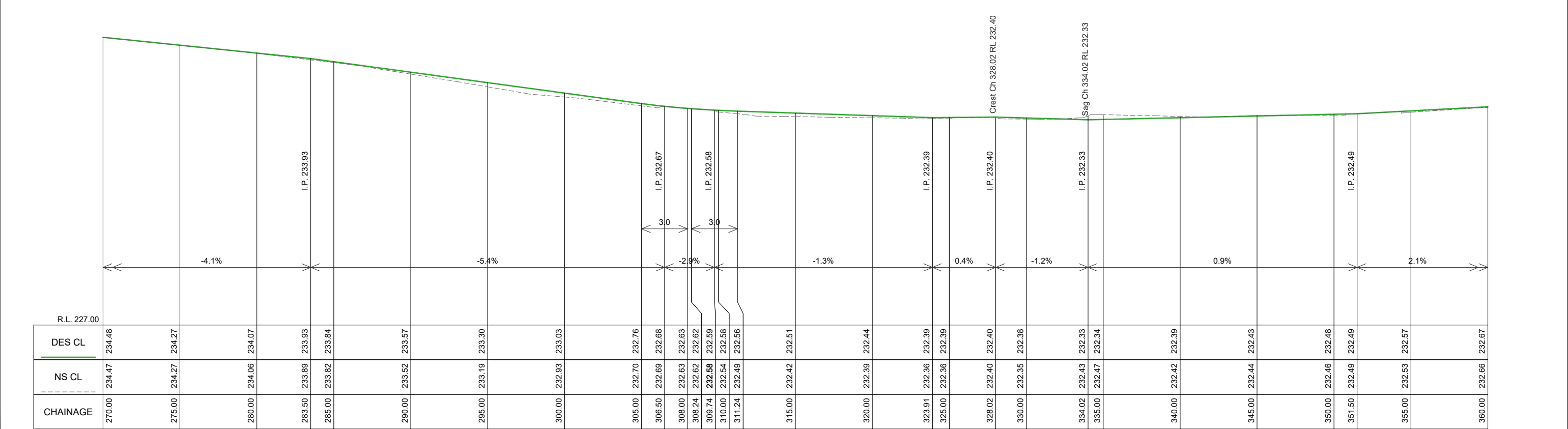
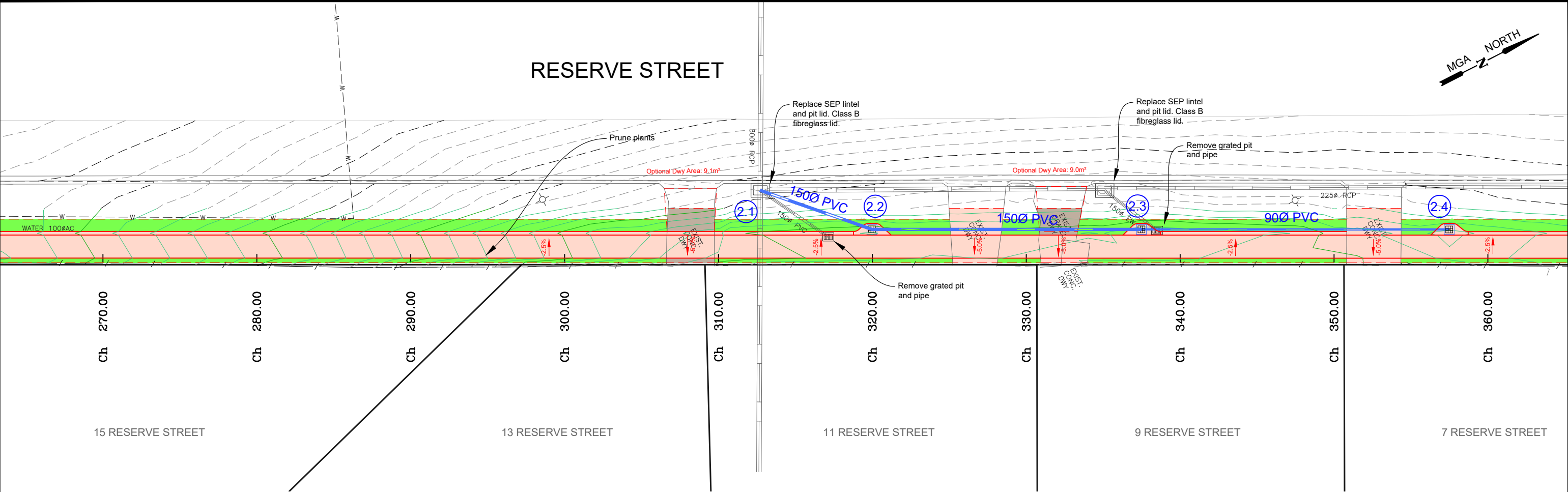
RESERVE STREET
EAGLEHAWK
NEW FOOTPATH

LAYOUT PLAN & LONGITUDINAL SECTION

Survey	H. WHYTECK	NOV '21
Design	M. JENNINGS	NOV '21
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision : A	
Original sheet size: A3	File : GB4946.dwg	
Sheet: 5 OF 12	Reference: GB4946	

PRELIMINARY DESIGN
DRAFT 5

Plot Date: 30/03/2022
Plotted By: MEGAN JENNINGS



RESERVE STREET FOOTPATH LONGITUDINAL SECTION CH 270.000 To 360.000
SCALES: H 1:250 V 1:100 (A3)

LEGEND

Concrete: Footpath/Driveway Plain, 125mm, SL72, 25Mpa, As per IDM SD205, SD210,

Concrete: Layback per IDM SD200

Driveway: Gravel per detail pg 2

Landscape: Instant Turf

Landscape: Reinstate Pavers

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

RESERVE STREET
EAGLEHAWK
NEW FOOTPATH

LAYOUT PLAN & LONGITUDINAL SECTION

Survey: H. WHYTOCK

Design: M. JENNINGS

Checked: A. SMITH

Approved by: N. SARTORI

Scale: -

Original sheet size: A3

Sheet: 6 OF 12

NOV '21

NOV '21

-/-22

-/-22

Revision: A

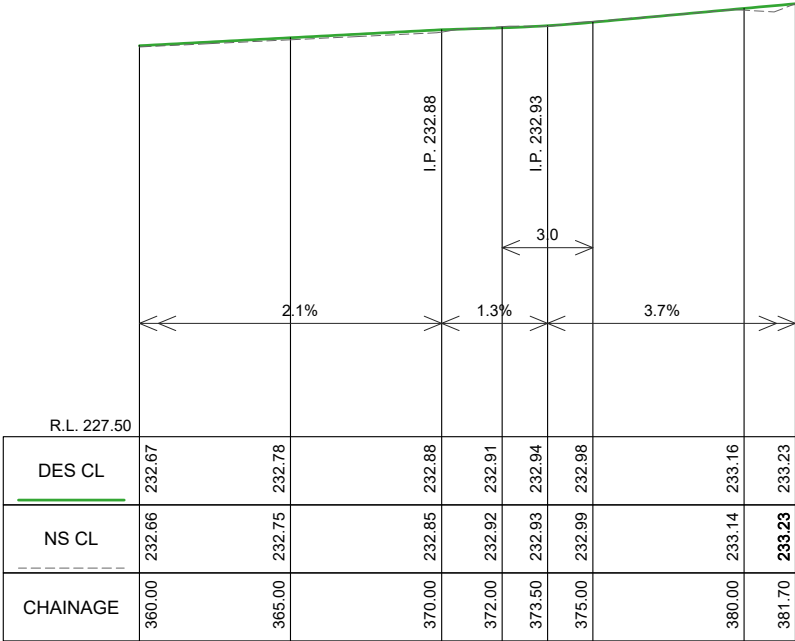
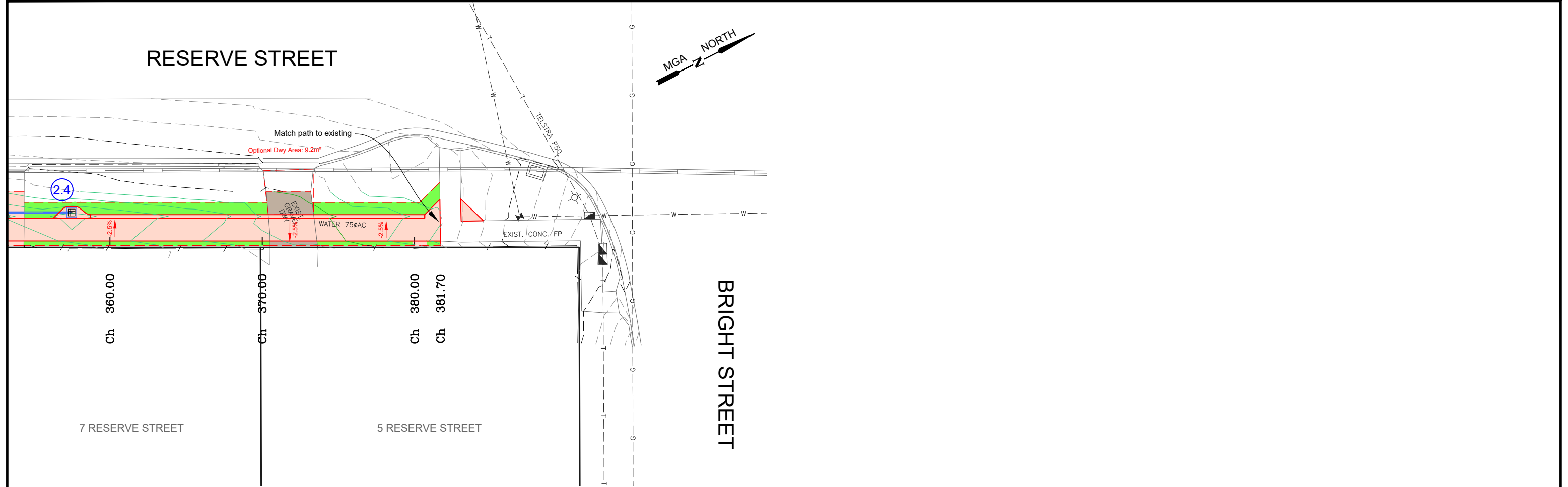
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PRELIMINARY DESIGN
DRAFT 5

Plot Date: 30/03/2022

Plotted By: MEGAN JENNINGS

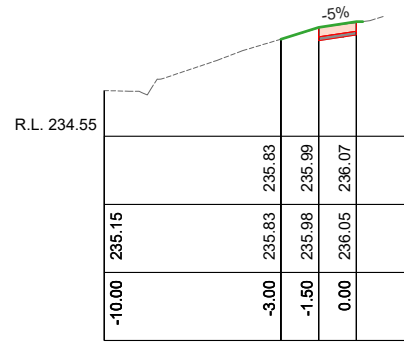


RESERVE STREET FOOTPATH LONGITUDINAL SECTION CH 360.000 To 381.700
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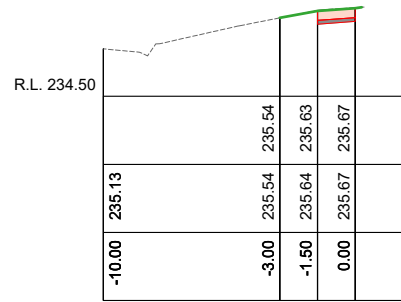
LEGEND		AMENDMENTS					CITY OF GREATER BENDIGO		Survey		H. WHYTECK		NOV '21	
		Revision	Description	Approved by	Date		RESERVE STREET EAGLEHAWK NEW FOOTPATH		Design	M. JENNINGS	Checked	A. SMITH	Approved by	N. SARTORI
	Concrete: Footpath/Driveway Plain, 125mm, SL72, 25Mpa, As per IDM SD205, SD210,							Scale: -	Revision : A					
	Concrete: Layback per IDM SD200							Original sheet size: A3	File : GB4946.dwg					
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	Landscape: Instant Turf													
	Landscape: Reinstate Pavers													

PRELIMINARY DESIGN
DRAFT 5

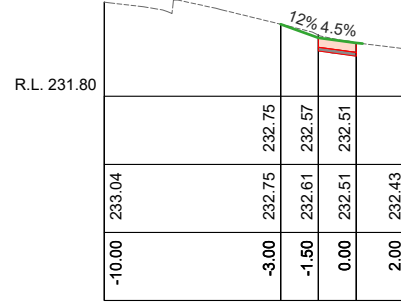
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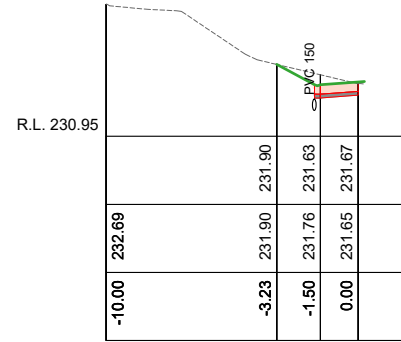
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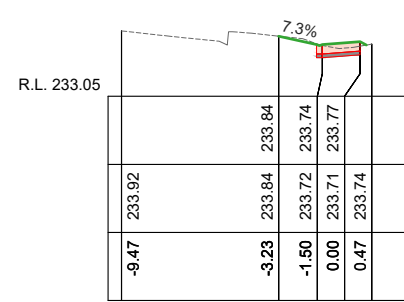
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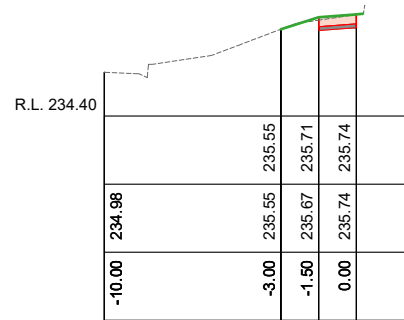
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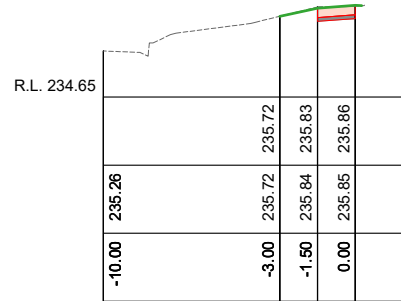
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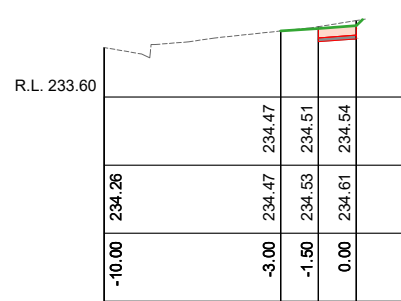
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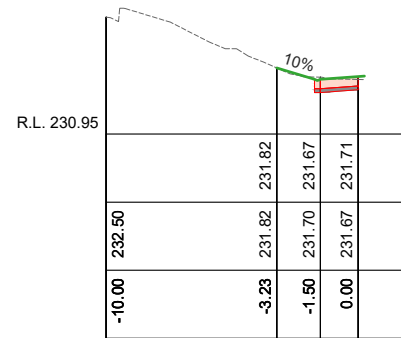
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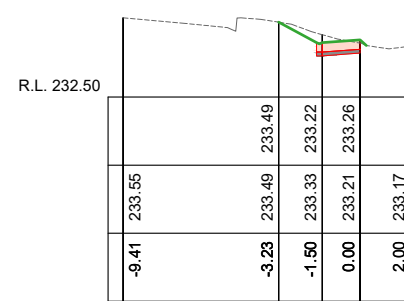
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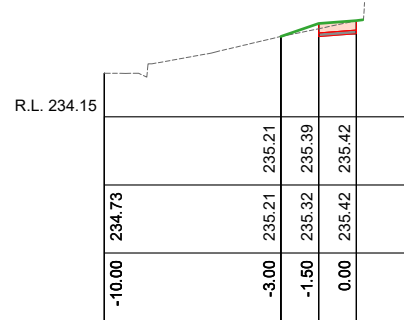
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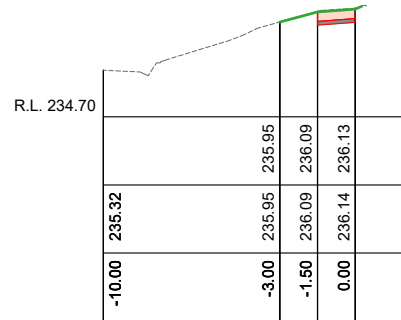
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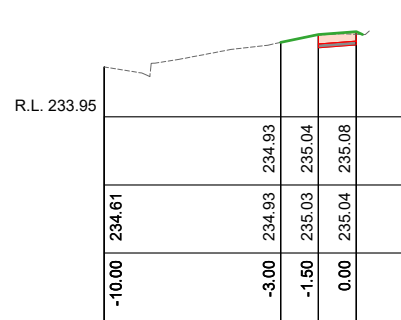
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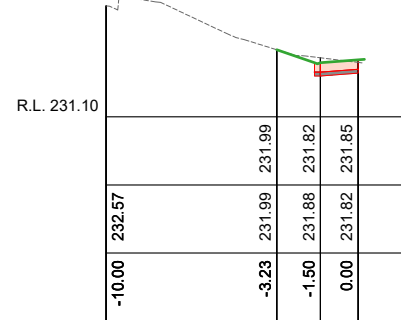
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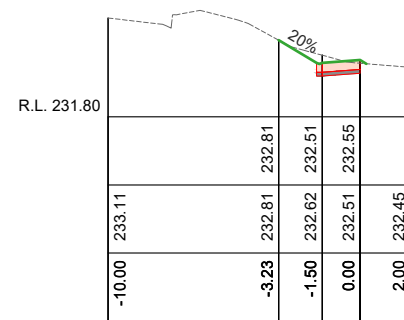
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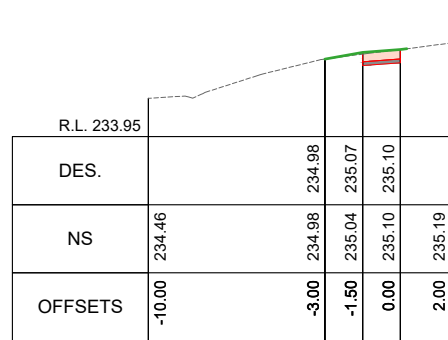
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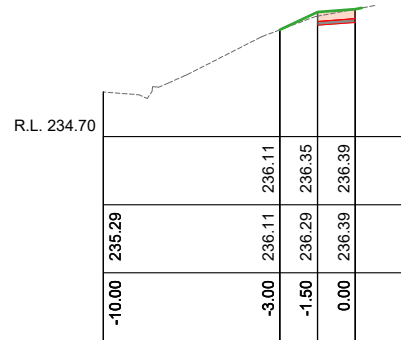
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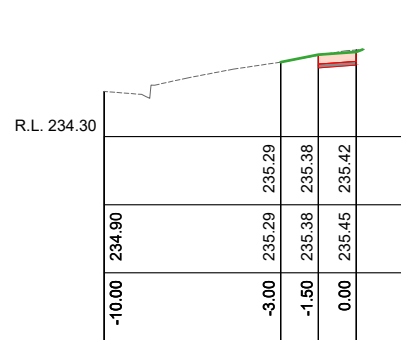
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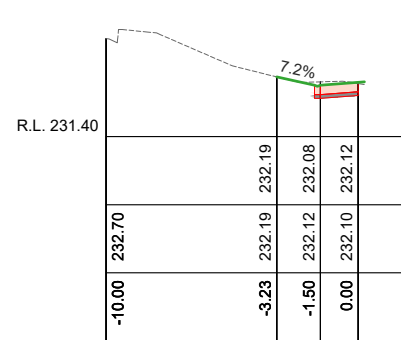
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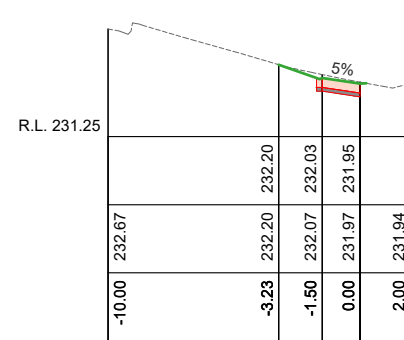
Ch 40.00



Ch 80.00



Ch 140.00



Ch 180.00

RESERVE STREET FOOTPATH CROSS SECTIONS
SCALES: H 1:300 V 1:100 (A3)

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



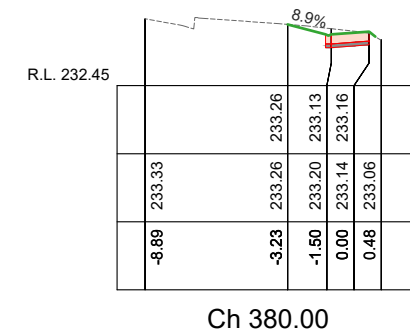
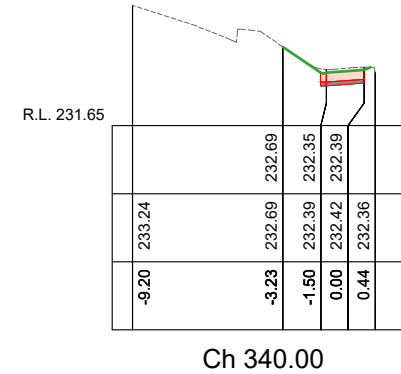
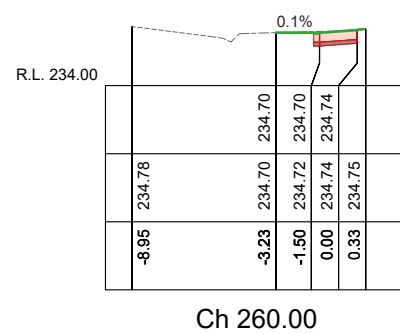
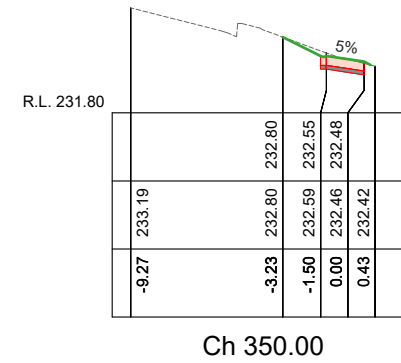
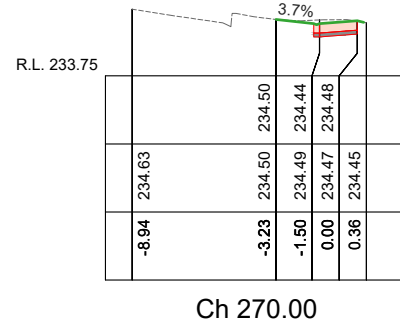
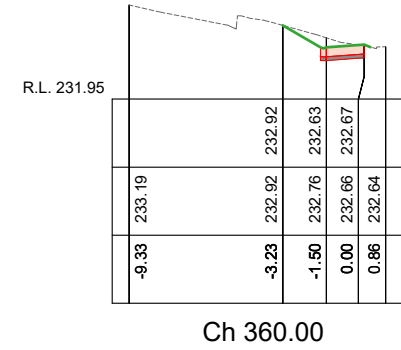
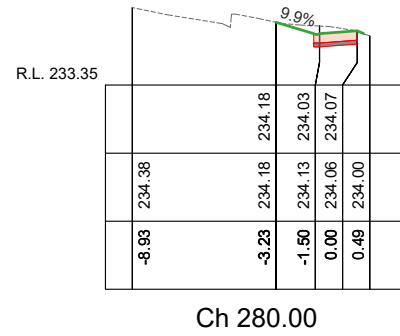
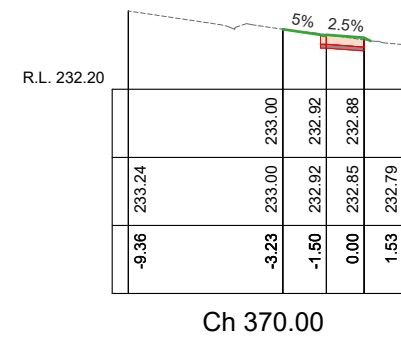
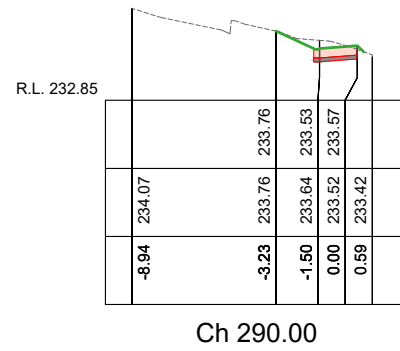
CITY OF GREATER BENDIGO

RESERVE STREET
EAGLEHAWK
NEW FOOTPATH
CROSS SECTIONS

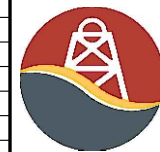
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PRELIMINARY DESIGN
DRAFT 5

Plot Date: 30/03/2022
Plotted By: MEGAN JENNINGS



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Revision	Description	Approved by	Date
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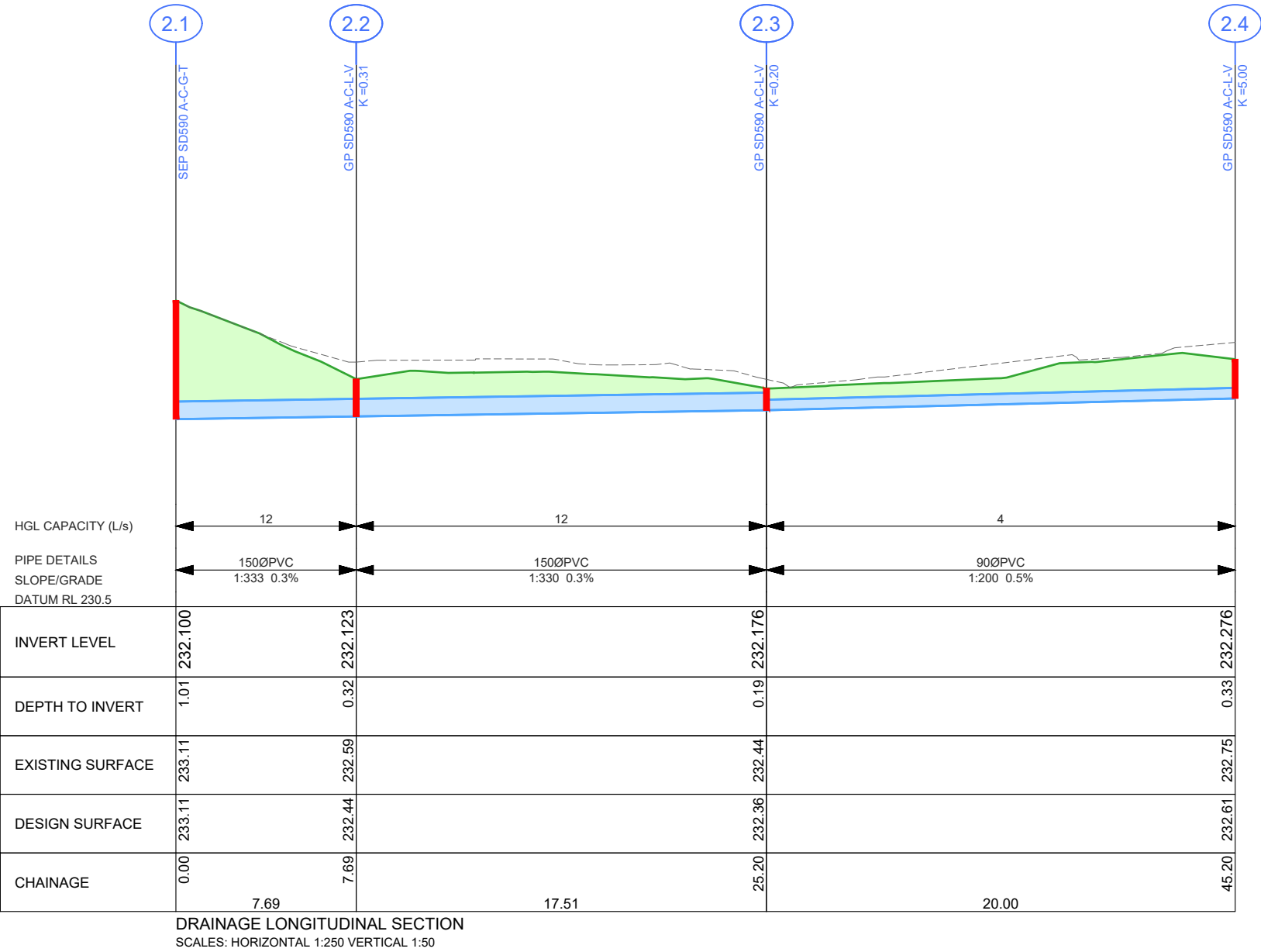
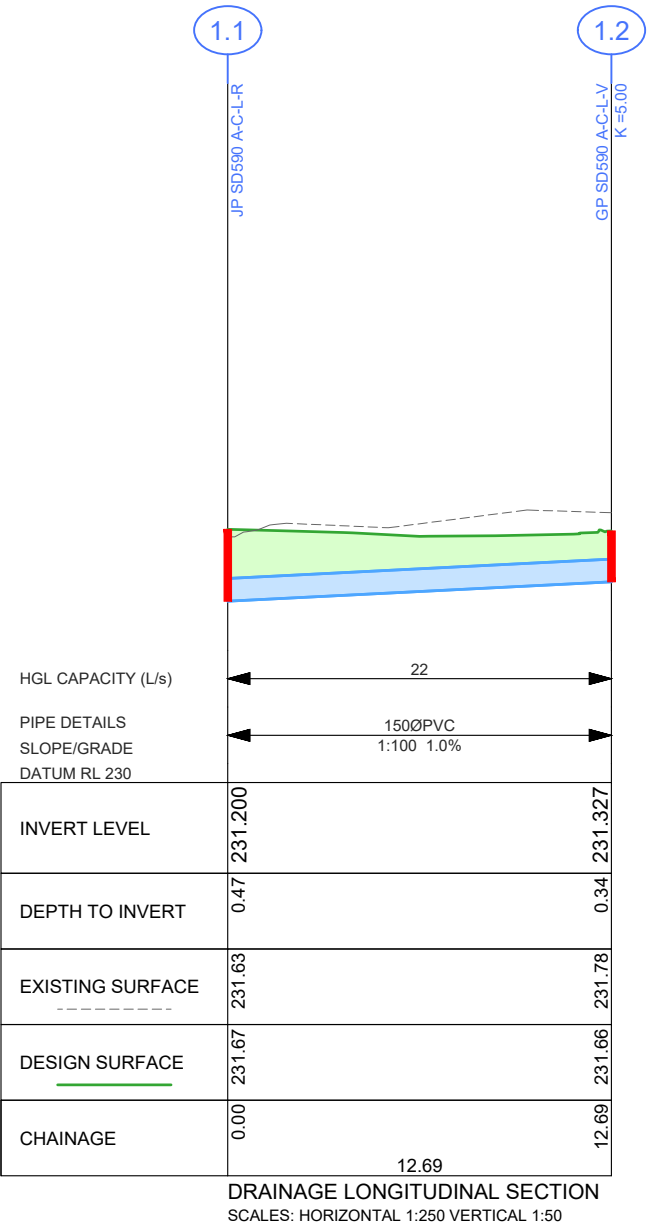


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Approved by	N. SARTORI	-/-22
Scale: -	Revision : A	
Original sheet size: A3	File: GB4946.dwg	
Sheet: 9 OF 12	Reference: GB4946	

**PRELIMINARY DESIGN
DRAFT 5**

Plot Date:	30/03/2022
Plotted By:	MEGAN JENNINGS

Pit Schedule										
Pit No.	Pit Type	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level	Comment
		(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)	
1.1	CoGB SD590 A-C-L-R	450	450			150	231.200	0.475	231.675	
1.2	CoGB SD590 A-C-L-V	450	450	150	231.327			0.337	231.664	
2.1	CoGB SD590 A-C-G-T	900	600			150	232.100	1.012	233.112	Replace pit lid and intel with class B fibreglass lid
2.2	CoGB SD590 A-C-L-V	450	450	150	232.123	150	232.123	0.318	232.441	
2.3	CoGB SD590 A-C-L-V	450	450	150	232.176	90	232.176	0.186	232.362	
2.4	CoGB SD590 A-C-L-V	450	450	90	232.276			0.335	232.611	



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



RESERVE STREET
EAGLEHAWK
NEW FOOTPATH
DRAINAGE LONG SECTIONS

Survey	H. WHYTECK	NOV '21
Design	M. JENNINGS	NOV '21
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision : A	
Original sheet size: A3	File : GB4946.dwg	
Sheet: 10 OF 12	Reference: GB4946	

PRELIMINARY DESIGN
DRAFT 5

Plot Date: 30/03/2022
Plotted By: MEGAN JENNINGS

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

RESERVE STREET
EAGLEHAWK
NEW FOOTPATH

SETOUT

Survey	H. WHYTOCK	NOV '21
Design	M. JENNINGS	NOV '21
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision : A	
Original sheet size: A3	File : GB4946.dwg	
Sheet:	Reference:	GB4946
11 OF 12		

PRELIMINARY DESIGN
DRAFT 5

Plot Date: 30/03/2022
Plotted By: MEGAN JENNINGS

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

RESERVE STREET
EAGLEHAWK
NEW FOOTPATH

SETOUT

Survey	H. WHYTOCK	NOV '21
Design	M. JENNINGS	NOV '21
Checked	A. SMITH	-/-22
Approved by	N. SARTORI	-/-22
Scale: -	Revision : A	
Original sheet size: A3	File : GB4946.dwg	
Sheet:	Reference:	GB4946
12 OF 12		

**PRELIMINARY DESIGN
DRAFT 5**