

Harriott at Armstrong Creek

Stage 8B



GENERAL NOTES

- The works shall be constructed in accordance with the current Infrastructure Design Manual (IDM) and the City of Greater Geelong requirements. Works to be carried out to the satisfaction of Council's supervising officer.
- The contractor is responsible for safety of work on site in accordance with appropriate legislation. The contractor shall ensure that the site is maintained in a safe manner at all times.
- The contractor shall:
 - Comply with the requirements of the Occupational Health and Safety Act 2007.
 - Notify Workcover of their intention to commence trenching operations where trenches are 1.5 metres or deeper.
 - Ensure that the mine manager or his deputy as required by the Act is in attendance when trenching operations are in progress.
- The contractor is to notify council and all service authorities seven (7) days prior to commencement of construction.
- The location of existing services should be determined by the contractor prior to commencing any excavation by contacting all relevant service authorities. Any existing services shown on the drawings are offered as a guide only and are not guaranteed as correct.
- Removal or retention of existing trees or vegetation must be in accordance with the approved tree removal plan.
- No surplus trees, vegetation or other materials are to be burnt on site.
- All road chainages are measured along the road centreline except kerb returns and courtheads, where lip of kerb chainages are specified. All dimensions and radii are given to the lip of kerb. Do not scale off these drawings, written dimensions only shall be used.
- All levels are to Australian Height Datum (AHD). All coordinates are to Map Grid of Australia (MGA).
- Any existing pavement or drainage works damaged during construction or the maintenance period to be reinstated to the satisfaction of the Council.
- Upon the completion of construction, the whole site shall be cleaned up and graded over. All rubbish is to be removed and the site is to be left in a clean and tidy condition to the satisfaction of the superintendent.

EARTHWORKS NOTES

- A site environmental management plan is to be approved by Council prior to works commencing. The requirements of the plan are to be maintained onsite for the duration of the works.
- Filling in all properties & road reserves is to be carried out using approved clay fill. Topsoil & all vegetable matter to be stripped from site prior to filling. All filling to be carried out in 150mm layers and compacted to 95% of max. dry density. All filling to comply with AS 3798-2007, Section 8.2, Level 1. A fill report must be submitted from NATA registered soil testing laboratory.
- The nature strips and cut or filled areas are to be topsoiled with a minimum of 100mm of approved material. If the existing topsoil is unsuitable then approved topsoil shall be imported at the contractor's expense.
- Batters into allotments shall not be steeper than 1 in 6 unless shown otherwise.
- Blocks shall be graded to ensure a minimum grade of 1 in 200 to the point of drainage, unless shown otherwise.
- No topsoil to be removed from site without the approval of council.
- If any existing substandard filling is encountered on the site it must be removed and replaced with approved fill material properly compacted to Council requirements. A geo-technical report must be submitted showing details of depth, type of material and density of the fill areas concerned.
- Invert levels must be taken prior to filling of any existing dams or channels and levels provided to the superintendent.

PAVEMENT NOTES

- Where pavement excavation is in rock, all loose material (including rocks and clay) are to be removed and subgrade regulated with approved structural material.
- Pavement sub-base and bedding to kerb and channel is to extend 150mm behind the back of kerb as per IDM SD 145.
- Vehicle crossings are to be constructed in accordance with City of Greater Geelong Design Note No. 4 and detail sheet 4. All concrete is to be 32MPa.
- Paths are to be constructed in accordance with IDM SD 205 using 32MPa concrete.
- Refer to the City of Greater Geelong Design Note No. 12 with additional details on the quality and finish of concrete infrastructure.

DRAINAGE NOTES

- All stormwater pipes are to be Class 2 with rubber ringed joints unless noted otherwise.
- Stormwater pipes under road pavements, driveways, footpaths, parking bays and behind kerb and channel to be backfilled with 20mm Class 3 fine crushed rock (wetmix) compacted to 98% modified in maximum 150mm layers.
- Stormwater pipes under roads are to have 2% stabilised sand embedment to springline.
- House drains are to be offset 6.0m from the low side boundary (or driveway side for lots narrower than 12.0m) unless noted otherwise. They are to be constructed at a minimum depth of 600mm below the lowest corner level. The house drain location to be inscribed with a 50mm high "H" on the back of kerb.
- Property inlets are to be offset 1.0m from low side boundary unless noted otherwise. They are to be constructed at a minimum depth of 600mm below finished surface level.
- Subsoil drains shall be installed behind all kerb and channel in accordance with IDM SD 145.
- A CCTV report must be provided on all drainage pipelines prior to practical completion of works.
- No stormwater drainage pipes shall be subjected to construction traffic loading during construction unless the pipe strength characteristics have been computed and approved by the contractors engineer. Computations are to accord with AS3725-1989 Loads on Buried Pipes.
- Concrete pipes damaged due to construction loads shall be repaired at the contractors cost.

SERVICES NOTES

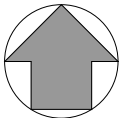
- The contractor shall co-operate with all service authorities and shall ensure that all services are installed prior to the final pavement course.
- All service trenches under road pavements, vehicle crossings and footpaths to be backfilled with crushed rock in accordance with Council's specification.
- The contractor shall check with the superintendent the exact location of all services prior to the installation of conduits.
- Conduit locations are subject to amendment and conduits shall not be laid until written approval is given by the superintendent.
- Gas and water conduits are to be 50mm PVC with separate conduits for DW and NDW property connections. They are to be laid at a minimum depth of 600mm below road finished surface levels to the satisfaction of the superintendent.
- Gas mains, fittings and marker tape are to be supplied by the gas authority. Excavation, supply and placement of required backfill to be by others.
- Two weeks notification of commencement of excavation works shall be given to the gas authority.
- Electrical distribution pits must have a minimum clearance of 300mm from edge of path.
- Communications conduits and pits are to be provided in accordance with the approved NBN plans.
- Both kerbs are to be marked with the letters G, W, E and T above the conduit locations.

SIGNS AND PAVEMENT MARKINGS

- All pavement markings, signing & traffic control devices for this project to be in accordance with Australian Standard AS1742.
- All line marking to be long life road marking, with longitudinal lines in thermoplastic and transverse markings in cold applied.

DRAWING INDEX		
REFERENCE		DRAWING No.
Locality Plan, Drawing Index & General Notes		0352-08B-R01
Layout Plan		0352-08B-R02
Allotment Benchng Plan		0352-08B-R03
Pavement Compositions & Details		0352-08B-R04
Typical Sections		0352-08B-R05
Road Longitudinal Sections	Darter Way	0352-08B-R07
	Glory Way	0352-08B-R07
	Harriott Road	0352-08B-R06
	Lapis Street	0352-08B-R07
	Purity Way	0352-08B-R07
	Serenity Street	0352-08B-R07
Cross Sections	Darter Way	0352-08B-R08
	Glory Way	0352-08B-R08
	Harriott Road	0352-08B-R09 to R13
	Lapis Street	0352-08B-R14
	Purity Way	0352-08B-R14
	Serenity Street	0352-08B-R15
Intersection Details		0352-08B-R16 to R18
Signage & Linemarking Plan		0352-08B-R19
Drainage Longitudinal Sections		0352-08B-R20
Pit Schedule		0352-08B-R20

Rev	Amendment	Des/Dft	App'd	Date
A	Initial Issue	GP/DP	MG	09/08/22
1	Approved for construction	GP/DP	MG	28/10/22



Principal



Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000



GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Whealers Hill Vic 3150
Telephone 0456 634 727

© GPR Consulting Pty Ltd

Council City of Greater Geelong

Project **Harriott at Armstrong Creek
Stage 8B**

Title
Locality Plan, Drawing Index & General Notes

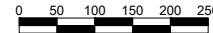
Designed: G.Pratt

Authorised: M.Graham

Drafted: D.Pratt

Date: August 2022

Scale @ A1: 1:5000



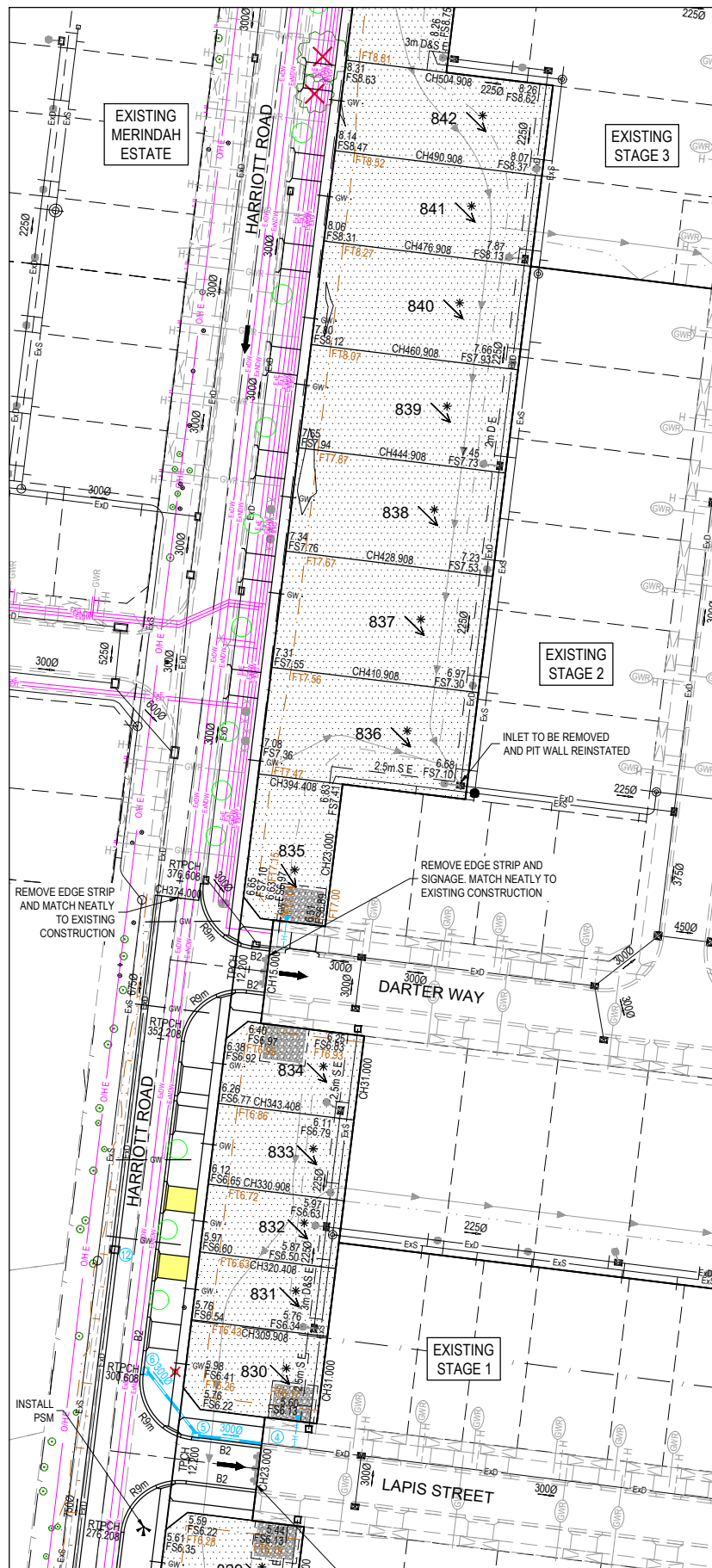
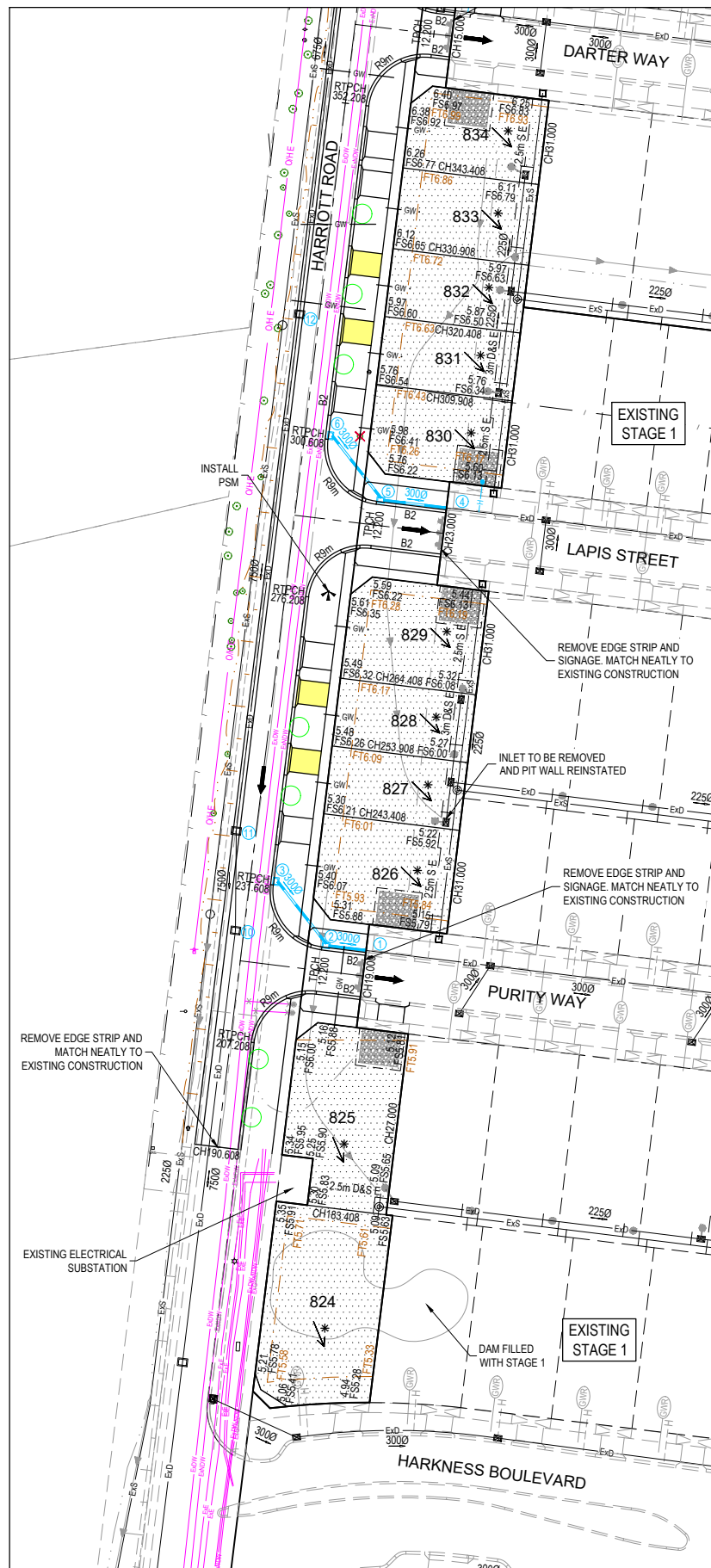
Drawing No.
0352-08B-R01

Sheet
01 of 20

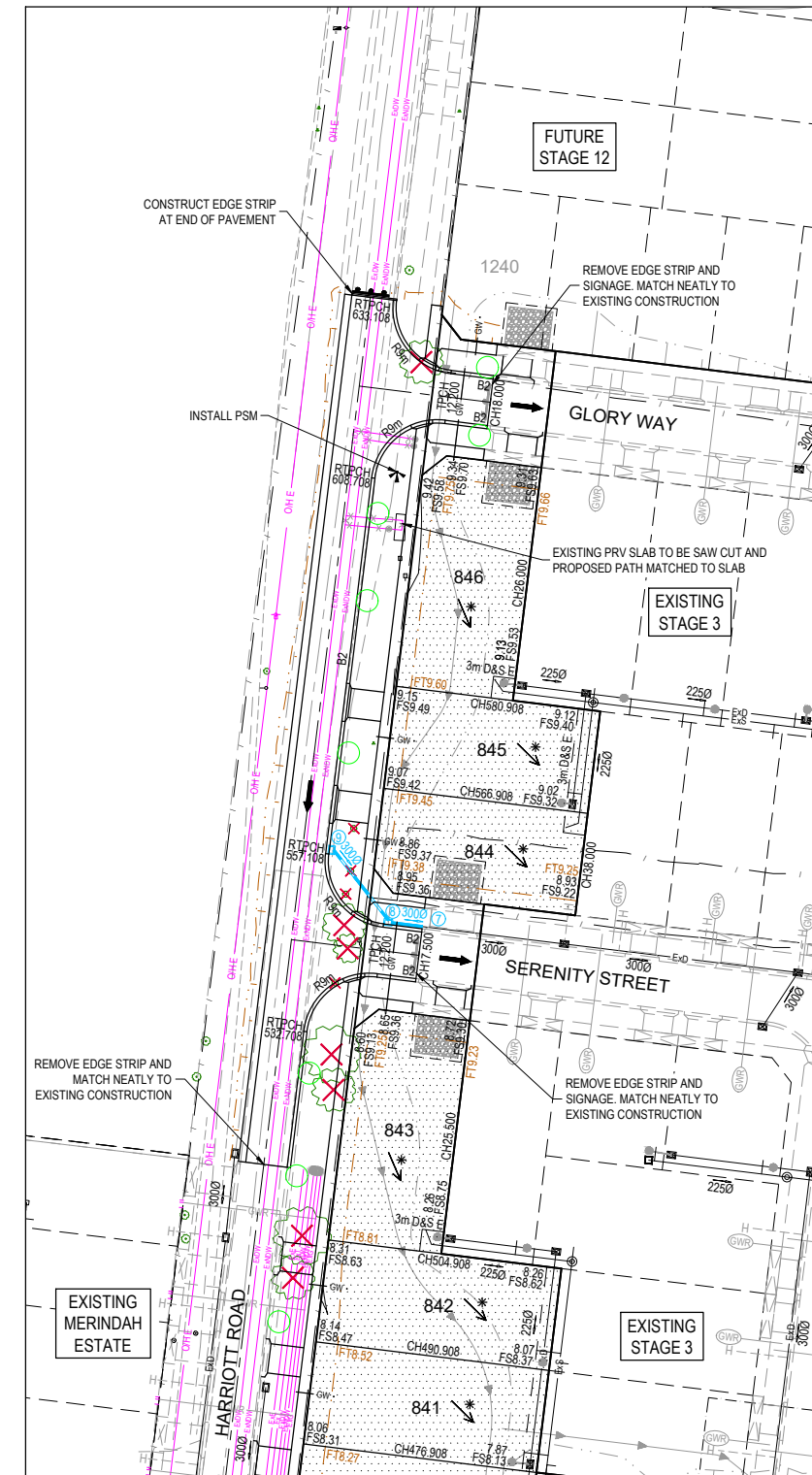
Rev
1

FOR CONTINUATION REFER BELOW RIGHT

FOR CONTINUATION REFER BELOW RIGHT



STREET NAME	ROAD RESERVE	BACK OF KERB	SEWER	GAS	NON DRINKING WATER	DRINKING WATER	COMMUNICATIONS	ELECTRICITY	LIGHT POLES
DARTER WAY	16.00	4.35	-	Ex 2.10 N	2.60 N	3.10 N	1.85 S	2.60 S	3.45 S
GLORY WAY	16.00	4.35	-	2.10 N	2.60 N	3.10 N	1.85 S	2.60 S	3.45 S
HARKNESS BOULEVARD	30.00	4.85	-	Ex 2.10 N	Ex 2.60 N	Ex 3.10 N	Ex 1.80 S	Ex 2.60 S	Ex 3.95 S
HARRIOTT ROAD (LOT 825 TO 834)	20.30	6.35 E	Ex 4.90 W	2.10 E	2.60 E, Ex 6.80-7.60 E	3.10 E, Ex 8.00-8.80 E	3.80 E	4.55 E, Ex O/H 2.90 W	5.45 E
HARRIOTT ROAD (LOT 835 TO 843)	20.30	6.35 E	Ex 1.00 W	Ex 2.10 E	Ex 2.60 E, Ex 7.60-8.10 E	Ex 3.10 E, Ex 8.80-9.20 E	Ex 3.80 E	Ex 4.55 E, Ex O/H 2.90 W	5.45 E
HARRIOTT ROAD (LOT 843 TO 846)	20.30	6.35 E	-	2.10 E	2.60 E, Ex 8.10-8.40 E	3.10 E, Ex 9.20-9.60 E	3.80 E	4.55 E, Ex O/H 2.90 W	5.45 E
LAPIS STREET	16.00	4.35	-	2.10 N	2.60 N	3.10 N	1.85 S	2.60 S	3.45 S
PURITY WAY	16.00	4.35	-	2.10 N	2.60 N	3.10 N	1.85 S	2.60 S	3.45 S
SERENITY STREET	16.00	4.35	-	2.10 N	2.60 N	3.10 N	1.85 S	2.60 S	3.45 S



LOT	WIDTH (m)	OFFSET (m)
827	3.7	1.00
828	3.7	1.00
831	3.7	1.00
832	3.7	1.00

NOTE: VEHICLE CROSSINGS
VEHICLE CROSSING FOR LOTS 825, 835 TO 843, 846 AND 1240 ARE TO BE CONNECTED TO EXISTING LAYBACK WITH 450mm LONG DOWEL BARS AT 400mm CENTRES

NOTE: EXISTING TURN AREAS
1. EXISTING INDUSTRIAL VEHICLE CROSSINGS ARE TO BE REMOVED AND B2 KERB AND CHANNEL REINSTATED UNLESS LAYBACK REQUIRED FOR RESIDENTIAL VEHICLE CROSSING.
2. EXISTING CRUSHED ROCK AREAS AND FENCING TO BE REMOVED AND DISPOSED OFFSITE.

NOTE: HOUSE DRAINS
1. HOUSE DRAINS FOR LOTS 830 AND 835 ARE TO BE CONNECTED TO EXISTING DRAINAGE.
2. HOUSE DRAIN TO LOT 830 IS TO BE OFFSET 3.0m FROM THE REAR BOUNDARY.

NOTE: SWALE DRAINS
EXISTING SWALE DRAINS TO BE EXCAVATED TO A SOUND BASE AND FILLED AS SPECIFIED.

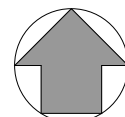
NOTE: FENCING
EXISTING FARM FENCES WITHIN THE WORKS AREA ARE TO BE REMOVED AND DISPOSED OFFSITE.

NOTE: STREET TREES
INDICATIVE STREET TREE LOCATION. ULTIMATE LOCATION TO BE PROVIDED BY THE LANDSCAPE ARCHITECTS.

NOTE: TREES
EXISTING TREE TO BE REMOVED.

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown. Locate all underground services before commencement of works.
DIAL 1100 BEFORE YOU DIG
www.1100.com.au

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Drainage — H — Ex D — Drainage — H — Ex D — Existing Surface Level at Title 135.12
B	Council amendments	GP/DP	MG	30/09/22	Existing Sewer — Ex S — Main Drainage — H — Ex D — Finished Surface at Title FS135.12
1	Approved for construction	GP/DP	MG	28/10/22	Existing Gas — Ex G — Level at Top/Toe of Batter/Ridge FT135.12
					Existing Electricity UG — Ex E — Swale Drain — — Centreline Drainage CH50.370
					Existing Electricity OH — Ex E — Gas & Water Conduits — GW — Sleeper Retaining Wall
					Existing Communications — Ex T — Direction of Lot Fall — — Rock Retaining Wall
					Existing Drinking Water — Ex DW — Direction of Overland Flow — — PSM / TBM
					Existing Non Drinking Water — Ex NDW — Allotment to be Evenly Graded — — Structural Fill > 200mm
					Existing Swale Drain — — Vehicle Crossings — — Concrete Infill



Principal
HARRIOTT
AT ARMSTRONG CREEK
Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

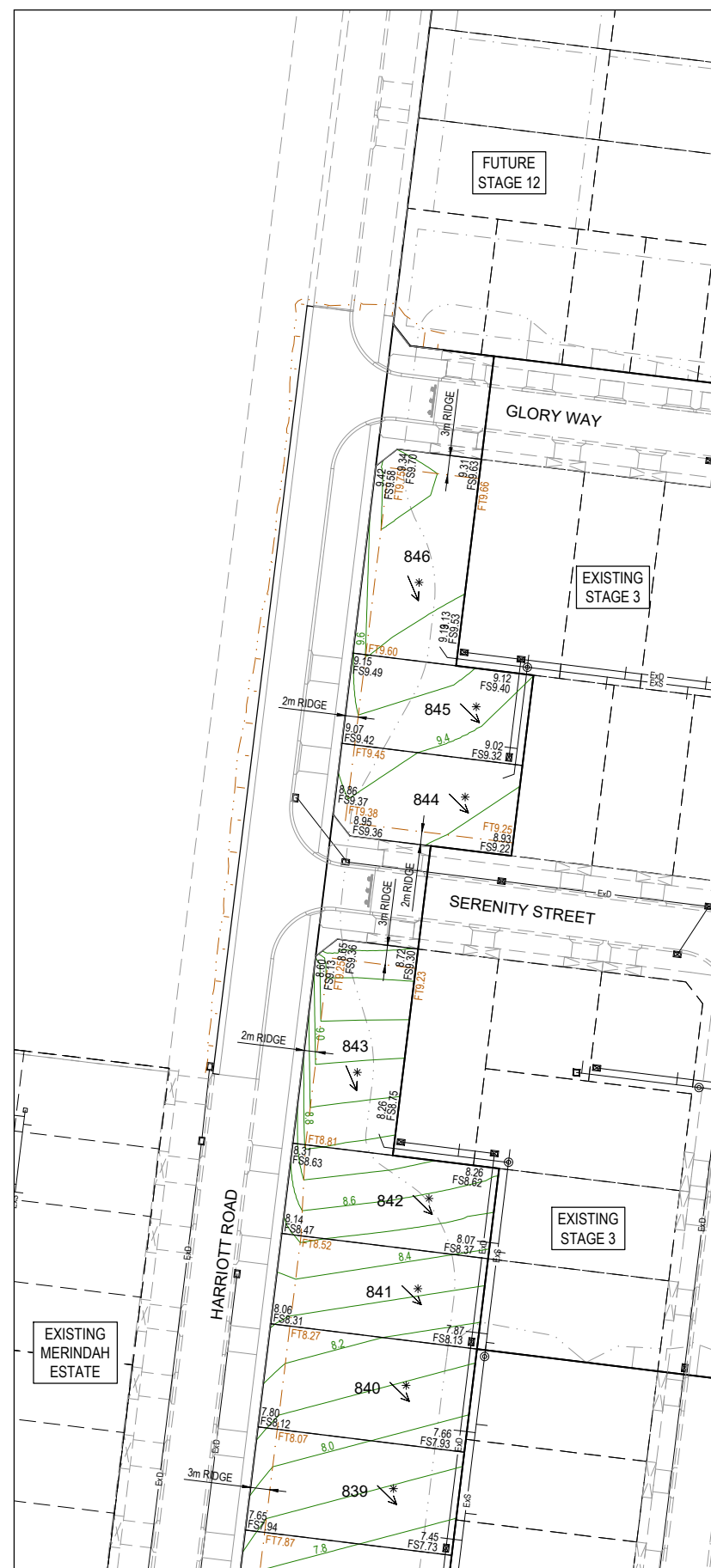
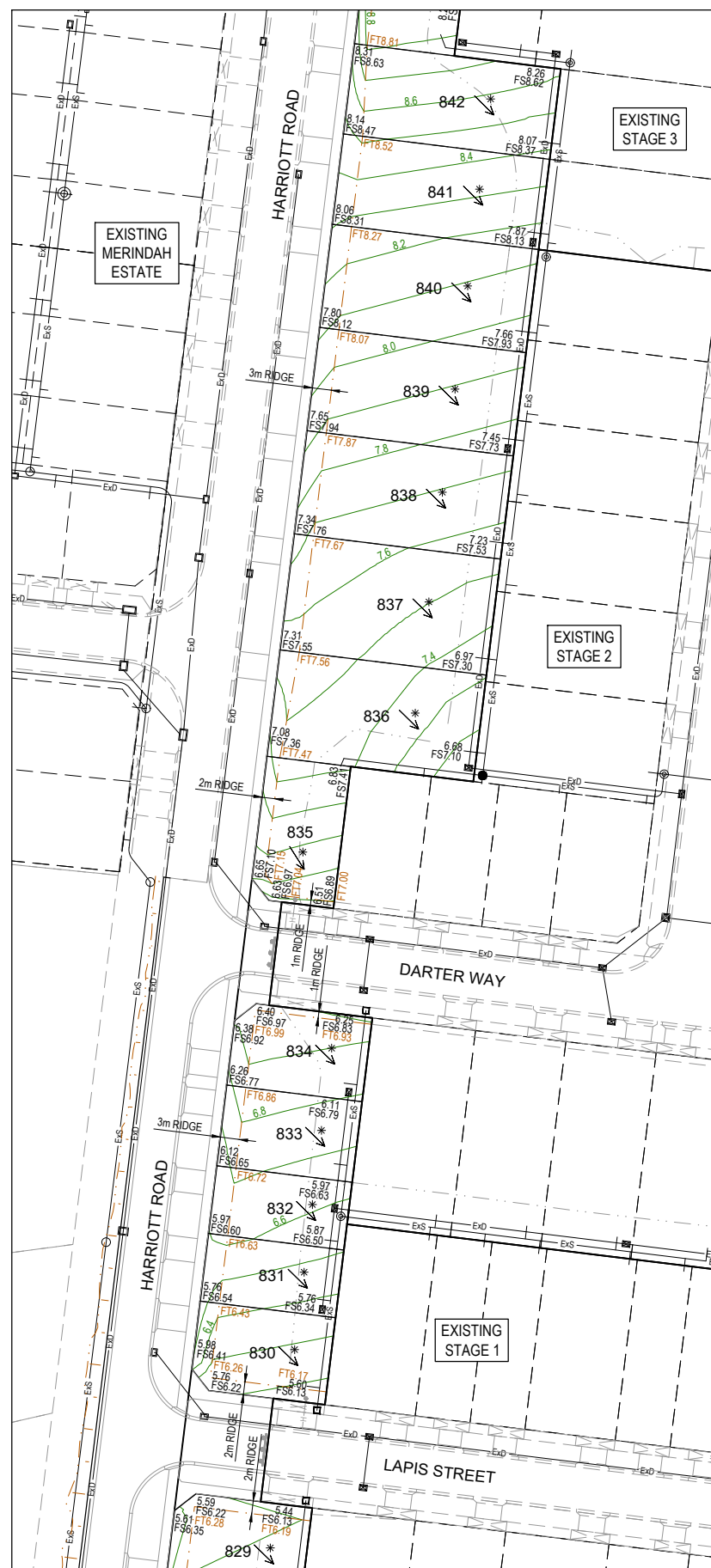
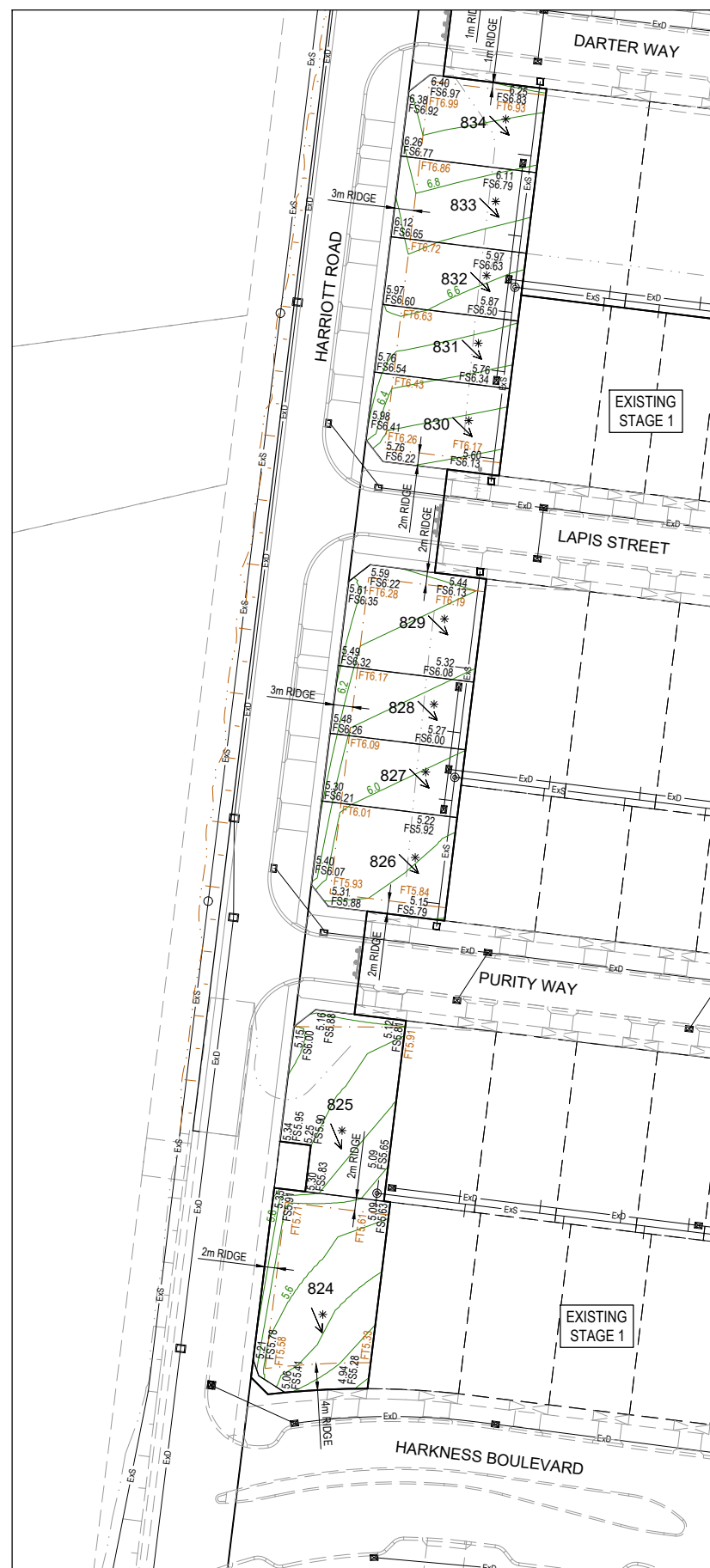
GPR Consulting
GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeler's Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

Council City of Greater Geelong
Project **Harriott at Armstrong Creek Stage 8B**
Title Layout Plan
Designed: G.Pratt
Drafted: D.Pratt
Authorised: M.Graham
Date: August 2022

Scale @ A1: 1:500
0 5 10 15 20 25
Drawing No. **0352-08B-R02**
Sheet 02 of 20
Rev **1**

FOR CONTINUATION REFER BELOW RIGHT

FOR CONTINUATION REFER BELOW RIGHT

**WARNING****BEWARE OF UNDERGROUND SERVICES**

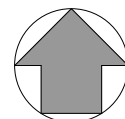
The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works.

DIAL 1100 BEFORE YOU DIG

www.1100.com.au

Rev	Amendment	Des/Dt	App'd	Date
A	Initial Issue	GP/DP	MG	09/08/22
1	Approved for construction	GP/DP	MG	28/10/22

Legend	Existing Surface Level at Title	47.01	Sleeper Retaining Wall
Drain & Property Inlet	Finished Surface at Title	FS47.01	Rock Retaining Wall
House Drain	Level at Top/Toe of Batter/Ridge	FT47.01	Direction of Lot Fall
Sewer	Top of Wall Level	TW47.01	Allotment to be Evenly Graded
Swale Drain	Bottom of Wall Level	BW47.01	
Existing Drain	Design Contours	47.01	
Existing House Drain	Existing Contours	47.01	
Existing Sewer	Batter		
Existing Swale Drain	Ridge		
Vehicle Crossings			



Principal

HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR
Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeler Hill Vic 3150
Telephone 0456 634 727

© GPR Consulting Pty Ltd

Council City of Greater Geelong

Project **Harriott at Armstrong Creek
Stage 8B**

Title Allotment Benching Plan

Designed: G.Pratt

Authorised: M.Graham

Drafted: D.Pratt

Date: August 2022

Scale @ A1: 1:500

0 5 10 15 20 25

Drawing No.

0352-08B-R03

Sheet

03 of 20

Rev

1

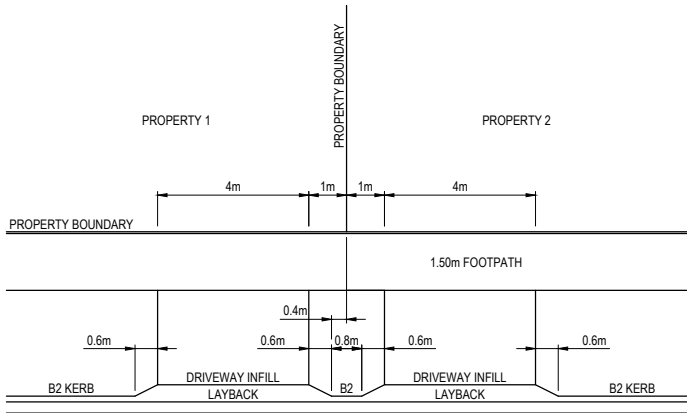
PAVEMENT COMPOSITIONS

DARTER WAY, GLORY WAY, LAPIS STREET, PURITY WAY & SERENITY STREET		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
WEARING COURSE ASPHALT	30	SIZE 10 TYPE N ASPHALT (CLASS 170 BINDER)
		PRIME COAT
BASE	160	SIZE 20 CLASS 2 FINE CRUSHED ROCK (COMPACTED TO 99% MODIFIED)
SUBBASE	110	SIZE 20 CLASS 3 FINE CRUSHED ROCK (COMPACTED TO 98% MODIFIED)
CAPPING LAYER	250	TYPE A CAPPING MATERIAL OR APPROVED EQUIVALENT (REFER NOTES)
TOTAL DEPTH	550	SUBGRADE IMPROVEMENT AS DIRECTED BY THE SUPERINTENDENT (CBR≥2%)

HARRIOTT ROAD		
WEARING COURSE ASPHALT	30	SIZE 10 TYPE HP ASPHALT (CLASS A10E BINDER)
		PRIME COAT
BASE	160	SIZE 20 CLASS 2 FINE CRUSHED ROCK (COMPACTED TO 99% MODIFIED)
SUBBASE	290	SIZE 20 CLASS 3 FINE CRUSHED ROCK (COMPACTED TO 98% MODIFIED)
CAPPING LAYER	220	TYPE A CAPPING MATERIAL OR APPROVED EQUIVALENT (REFER NOTES)
TOTAL DEPTH	700	SUBGRADE IMPROVEMENT AS DIRECTED BY THE SUPERINTENDENT (CBR≥2%)

SHOULDER		
SHOULDER	200	SIZE 20 CLASS 3 FINE CRUSHED ROCK (COMPACTED TO 97% MODIFIED)
TOTAL DEPTH	200	

- NOTES:
- REFER TO DOUGLAS PARTNERS GEOTECHNICAL REPORT (REFERENCE 87044.02 FOR ADDITIONAL DETAILS ON PAVEMENT CONSTRUCTION.
 - CAPPING LAYER MATERIAL TO COMPLY WITH THE FOLLOWING:
 - CBR ≥ 8%
 - SWELL ≤ 1.0
 - PERMEABILITY K ≤ 5x10⁻⁹m/s
 - COMPACTED TO A MINIMUM DENSITY RATIO OF 98% AS PER AS1289.



STANDARD VEHICLE CROSSING DETAIL
NOT TO SCALE

- NOTE: VEHICLE CROSSINGS
- STANDARD VEHICLE CROSSINGS ARE TO BE CONSTRUCTED AS PER THE ABOVE DETAIL.
 - NON STANDARD VEHICLE CROSSING WIDTH AND OFFSET ARE SHOWN ON THE LAYOUT PLAN.
 - COMPOSITION TO CONSIST OF 125mm DEPTH OF 32MPa CONCRETE WITH SL72 MESH CENTRALLY ON A 100mm DEPTH 20mm CLASS 3 FINE CRUSHED ROCK BASE (COMPACTED TO 97% MODIFIED).

FOR CONTINUATION REFER BELOW RIGHT



FOR CONTINUATION REFER ABOVE LEFT



Rev	Amendment	Des/Dft	App'd	Date
A	Initial Issue	GP/DP	MG	09/08/22
1	Approved for construction	GP/DP	MG	28/10/22

Principal

HARRIOTT
AT ARMSTRONG CREEK

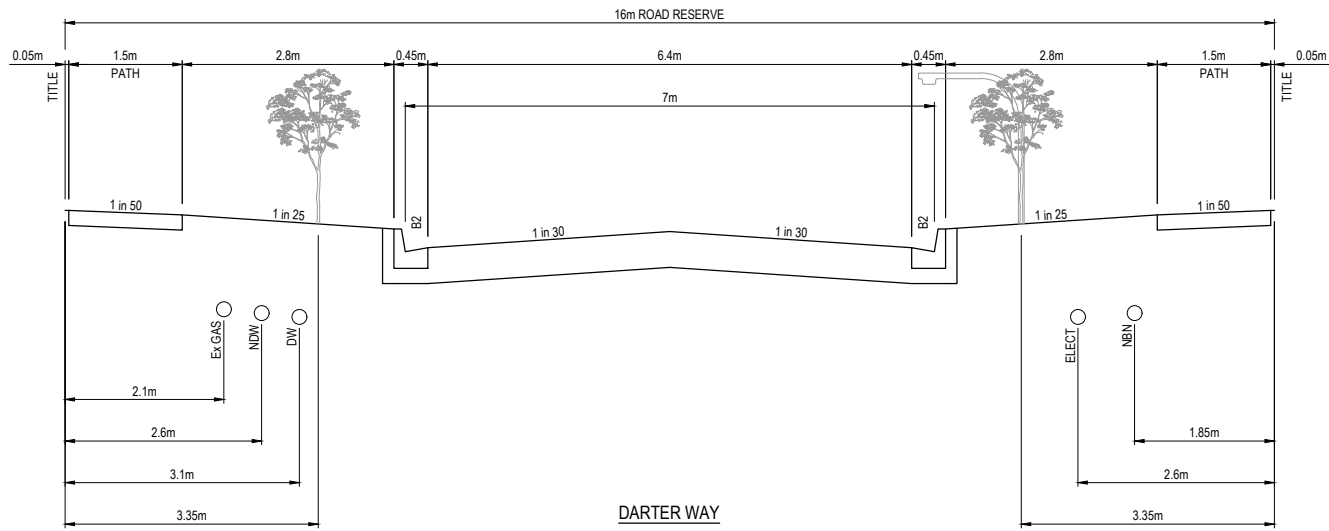
Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

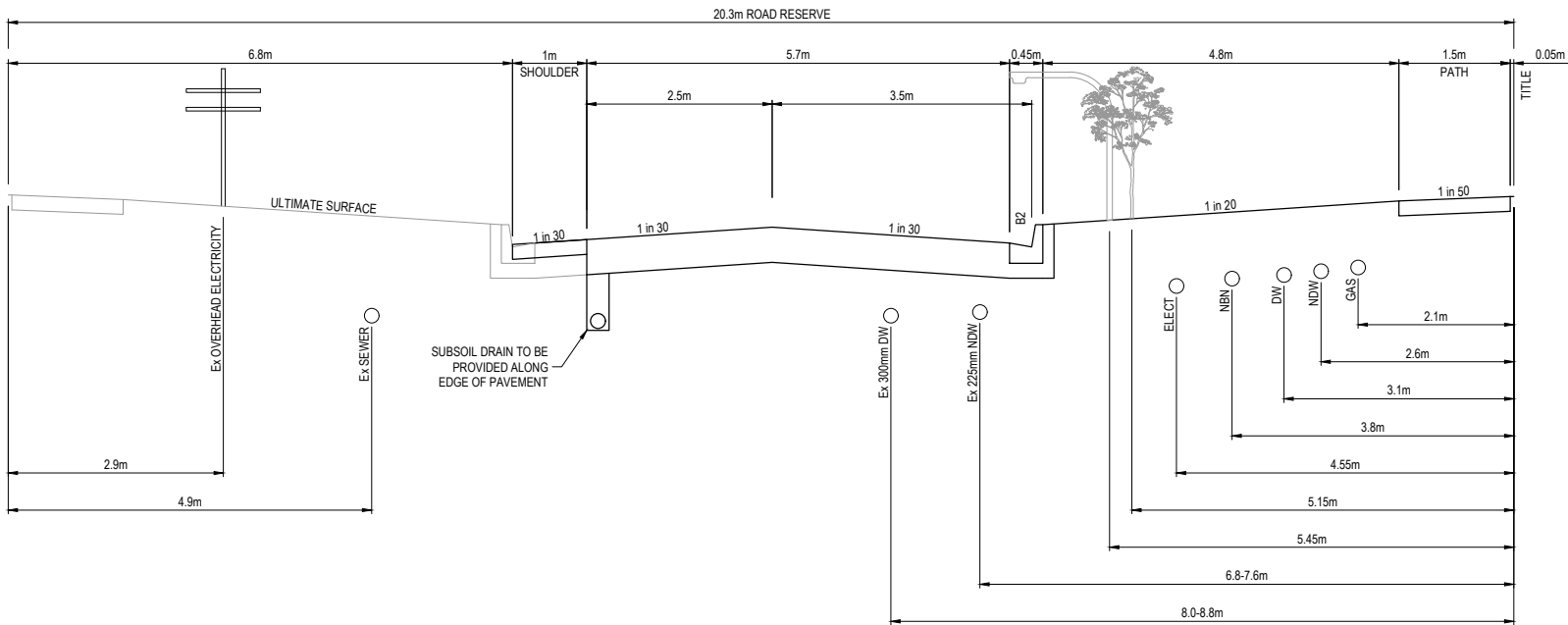
GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeters Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

Council	City of Greater Geelong
Project	Harriott at Armstrong Creek Stage 8B
Title	Pavement Compositions & Details
Designed: G.Pratt	Authorised: M.Graham
Drafted: D.Pratt	Date: August 2022

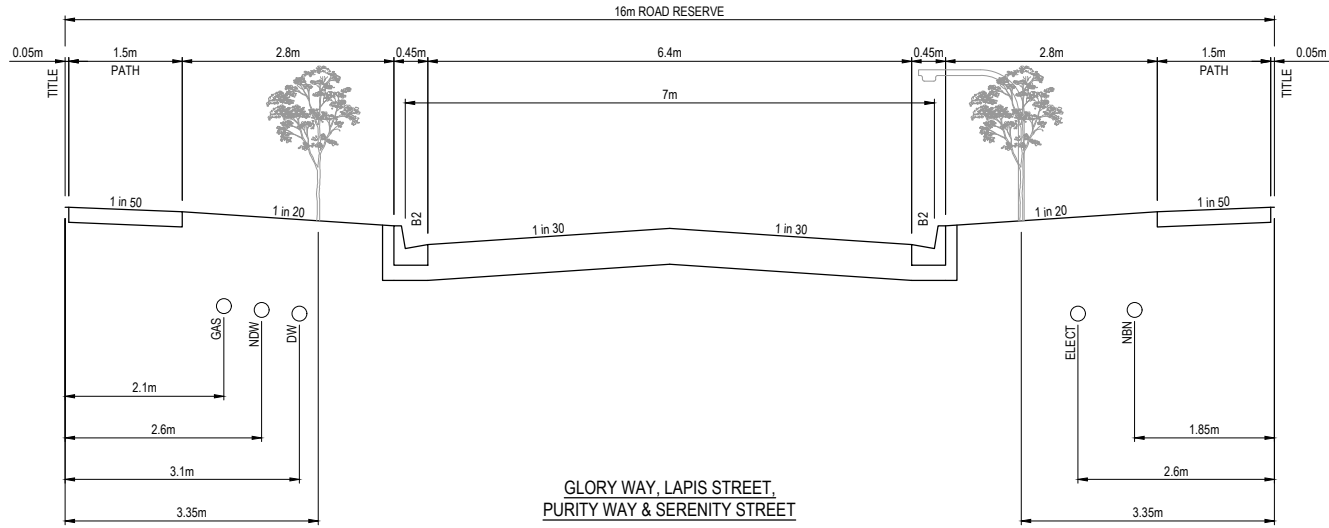
Scale @ A1: 1:500	
	
Drawing No.	
0352-08B-R04	
Sheet	Rev
04 of 20	1



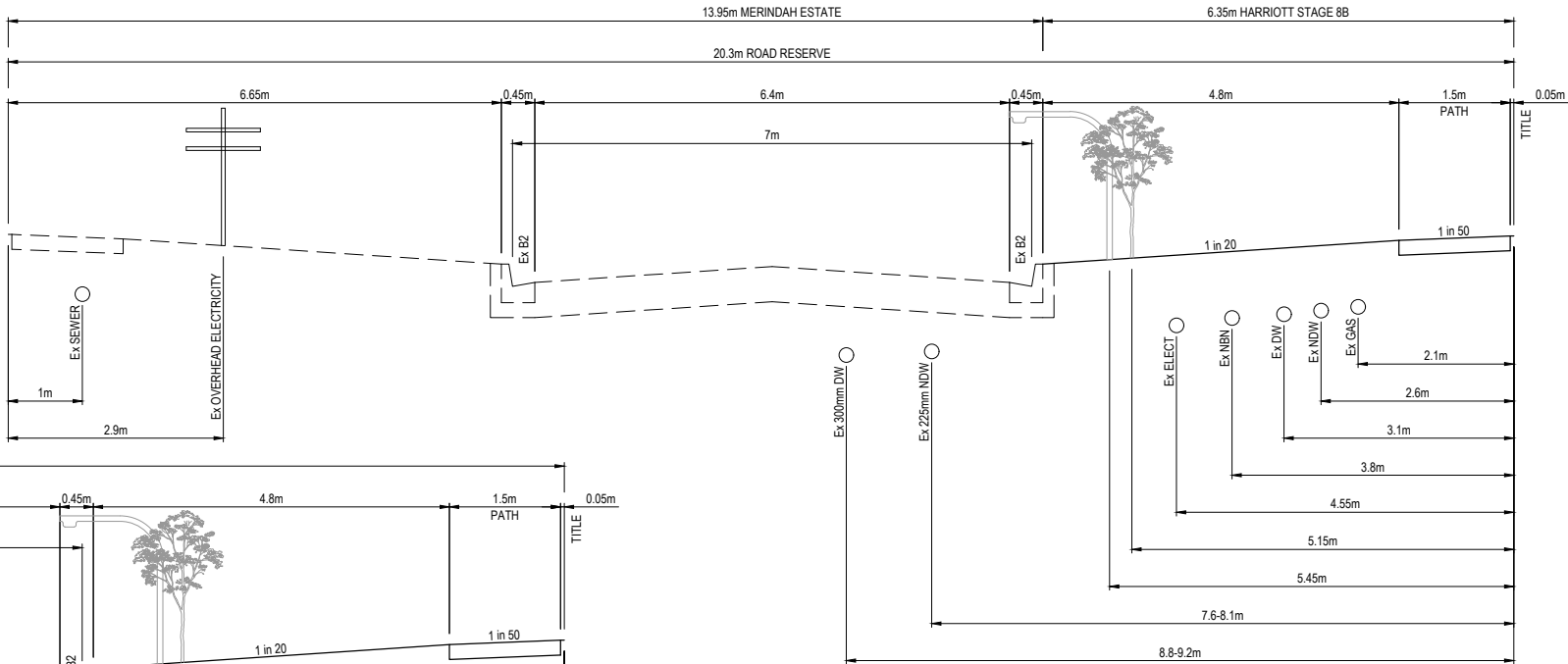
DARTER WAY



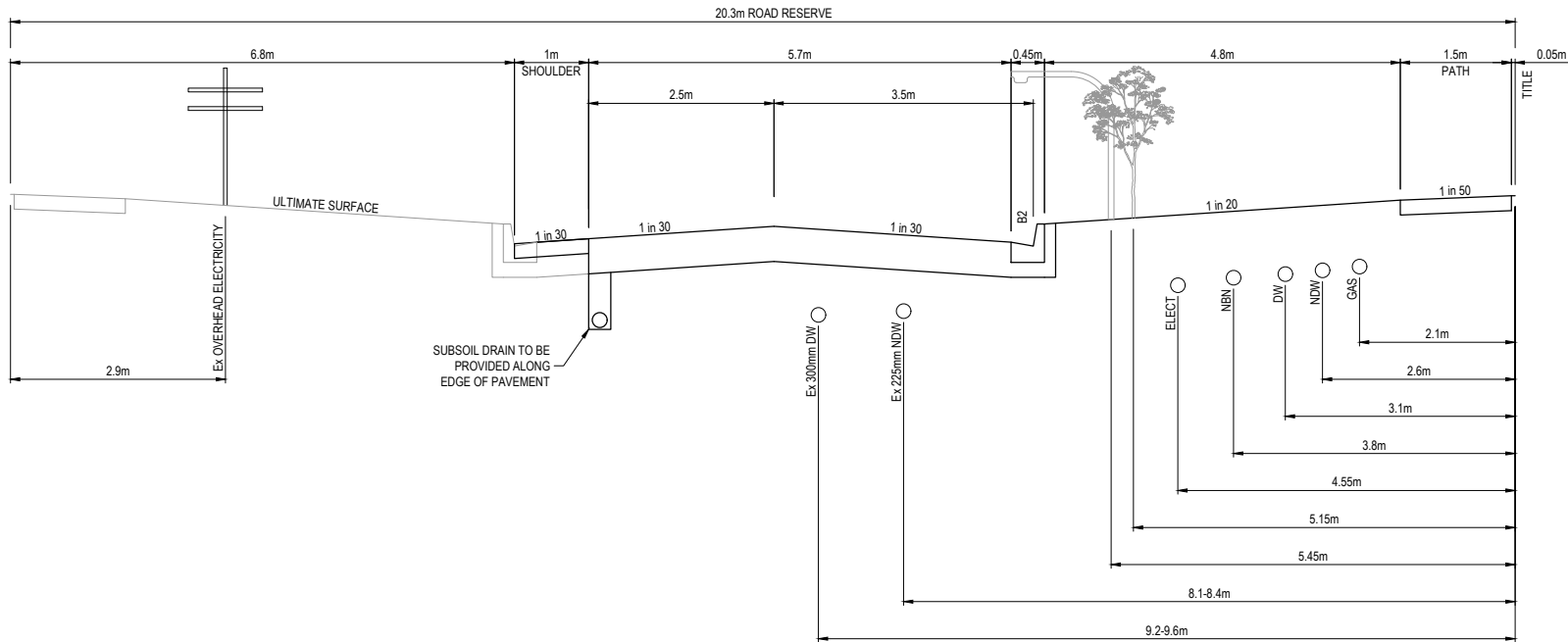
HARRIOTT ROAD (LOT 825 TO 834)



GLORY WAY, LAPIS STREET,
PURITY WAY & SERENITY STREET



HARRIOTT ROAD (LOT 835 TO 843)



HARRIOTT ROAD (LOT 843 TO 846)

Rev	Amendment	Des/Dft	App'd	Date
A	Initial Issue	GP/DP	MG	09/08/22
1	Approved for construction	GP/DP	MG	28/10/22



Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

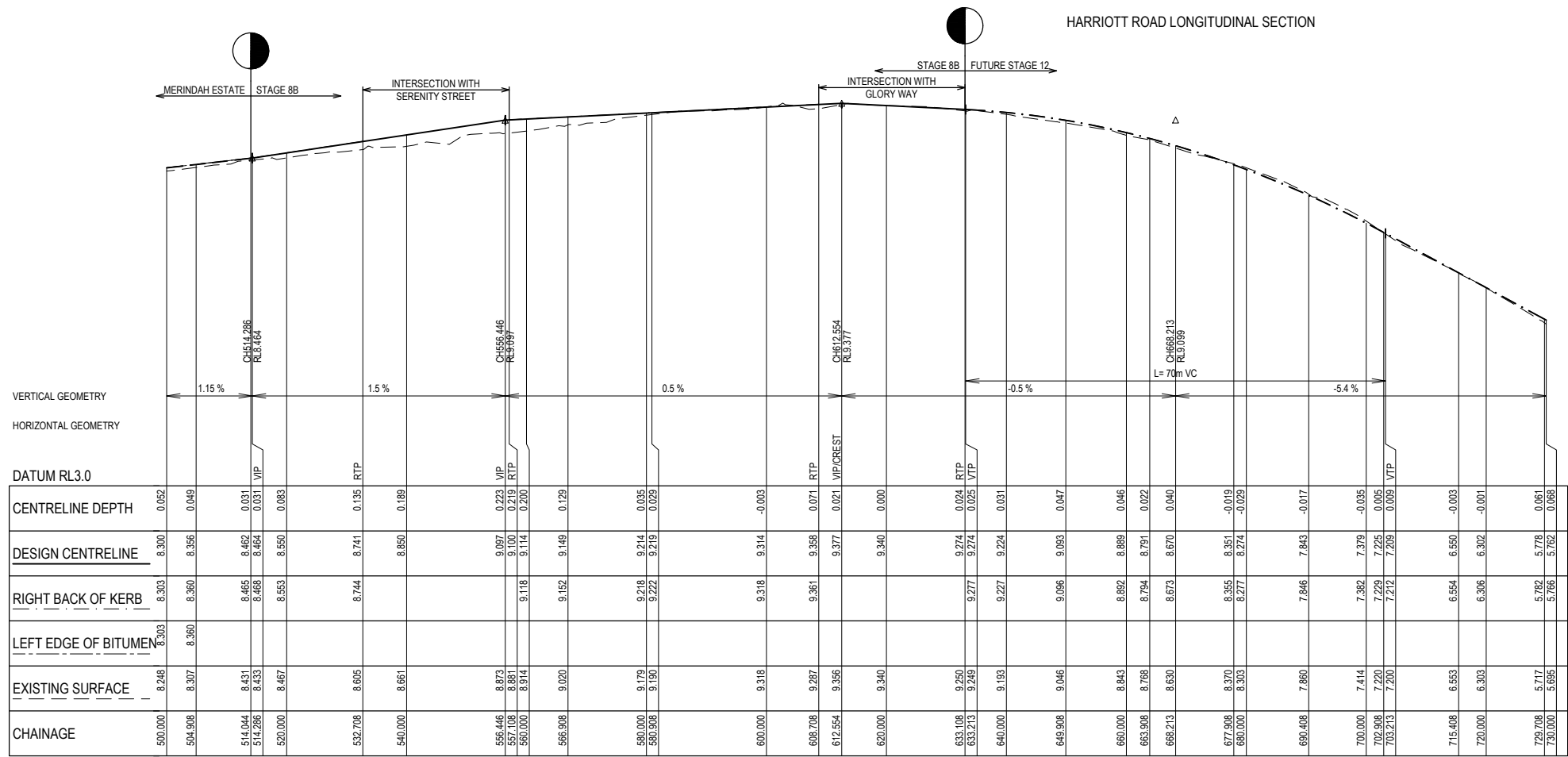


GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jellis Road
Wheeler's Hill Vic 3150
Telephone 0456 634 727

© GPR Consulting Pty Ltd

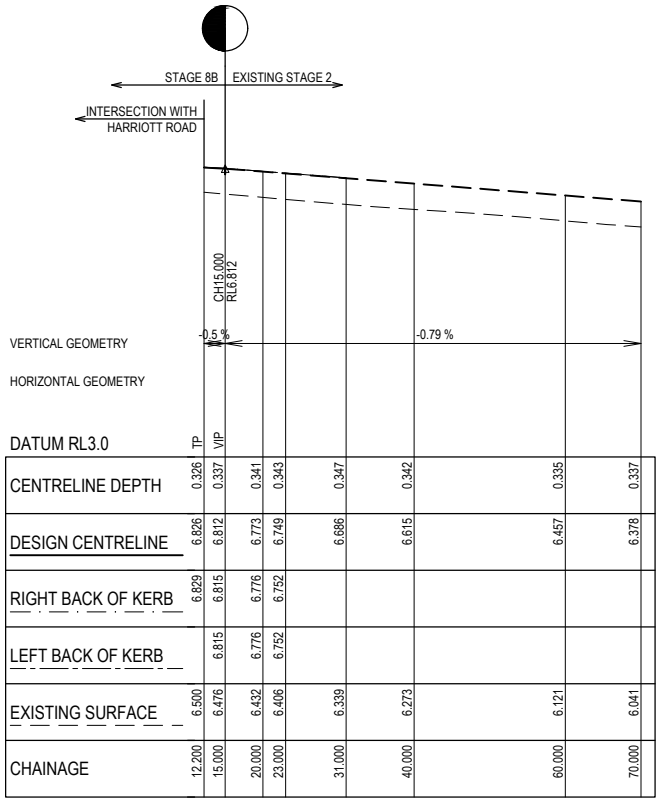
Council	City of Greater Geelong
Project	Harriott at Armstrong Creek Stage 8B
Title	Typical Sections
Designed:	G.Pratt
Drafted:	D.Pratt
Authorised:	M.Graham
Date:	August 2022

Scale @ A1:	H1:50 V1:25
H 0 0.5 1 1.5 2 2.5	V 0 0.25 0.5 0.75 1 1.25
Drawing No.	0352-08B-R05
Sheet	05 of 20
Rev	1

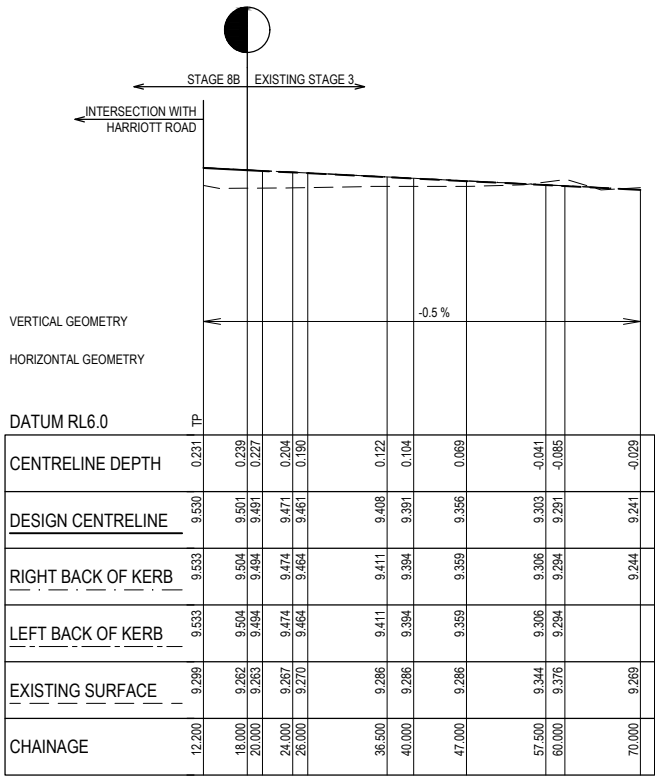


Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface — — —
1	Approved for construction	GP/DP	MG	28/10/22	Design Line ————
					Existing Design Line ————
					Future Design Line ———— + ————
					Left Edge of Blummen ———— + ————
					Right Back of Kerb ———— + ————

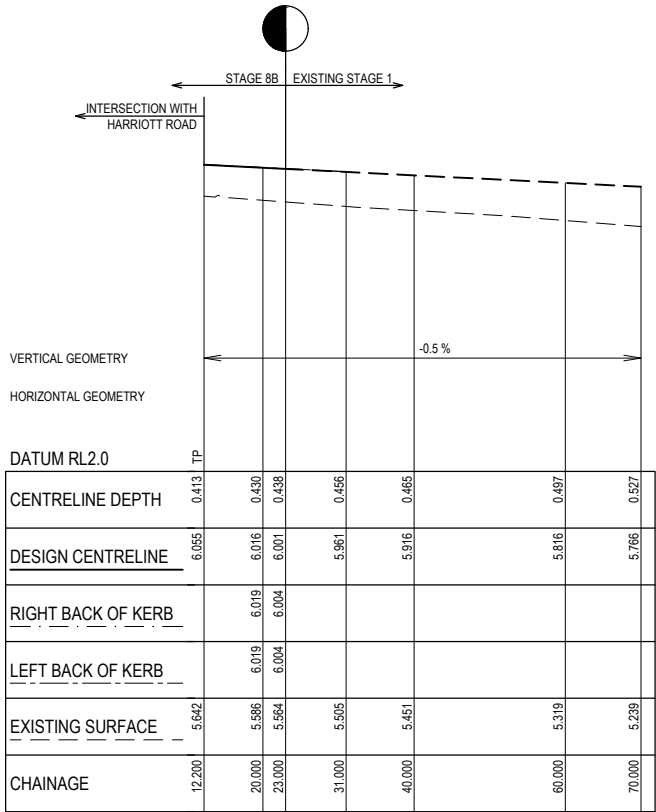
Rev
1



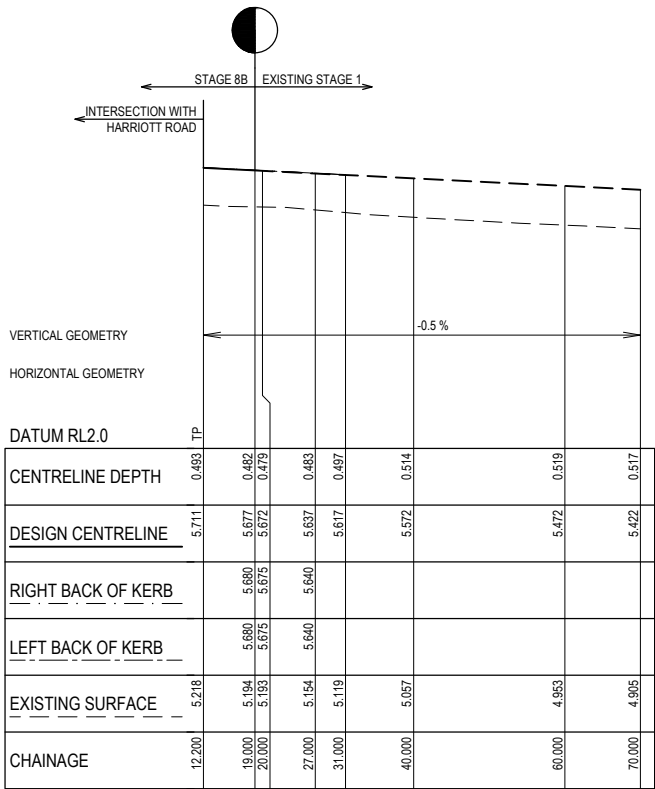
DARTER WAY LONGITUDINAL SECTION



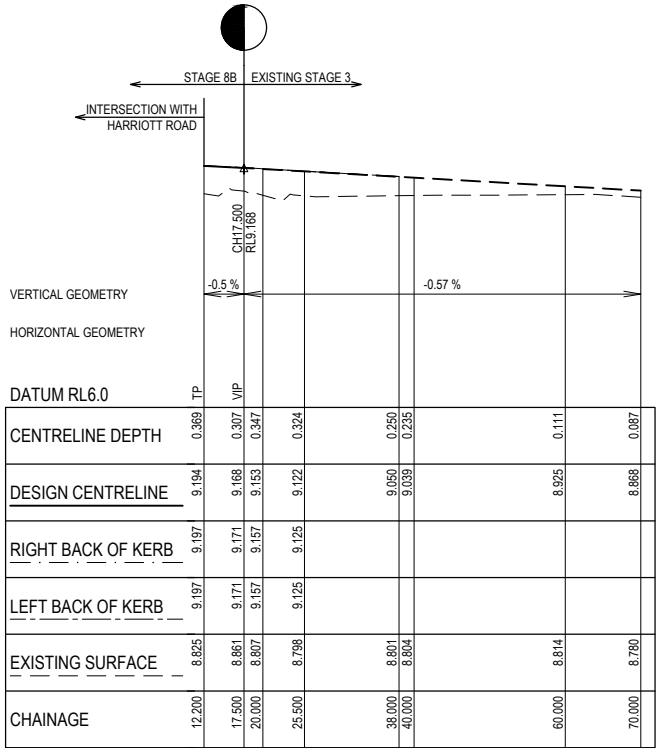
GLORY WAY LONGITUDINAL SECTION



LAPIS STREET LONGITUDINAL SECTION



PURITY WAY LONGITUDINAL SECTION



SERENITY STREET LONGITUDINAL SECTION

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface — — — —
1	Approved for construction	GP/DP	MG	28/10/22	Design Line —————
					Existing Design Line - - - - -
					Future Design Line — — — —
					Left Back of Kerb — — — —
					Right Back of Kerb — — — —

Principal



HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

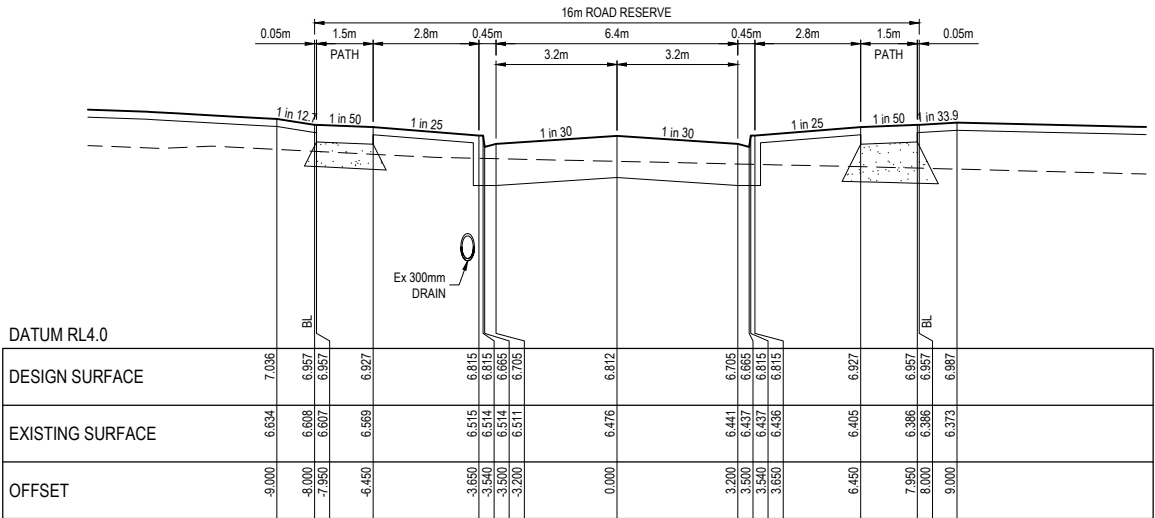


GPR
Consulting

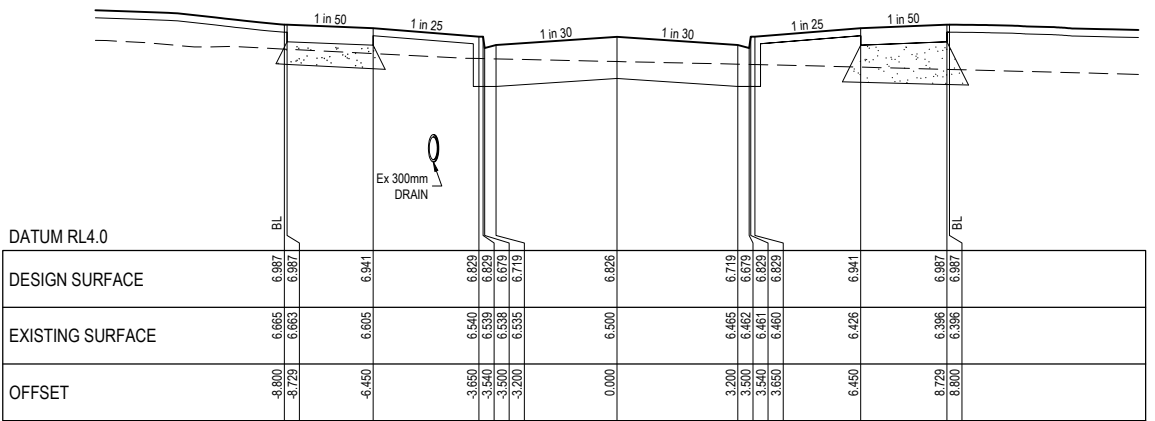
GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeler's Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

Council	City of Greater Geelong	Scale @ A1:	H1:500 V1:50
Project	Harriott at Armstrong Creek Stage 8B	H 0 5 10 15 20 25 V 0 0.5 1 1.5 2 2.5	
Title	Longitudinal Sections Sheet 2 of 2	Drawing No.	0352-08B-R07
Designed: G.Pratt	Authorised: M.Graham	Sheet	07 of 20
Drafted: D.Pratt	Date: August 2022	Rev	1

NOTE:
1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.

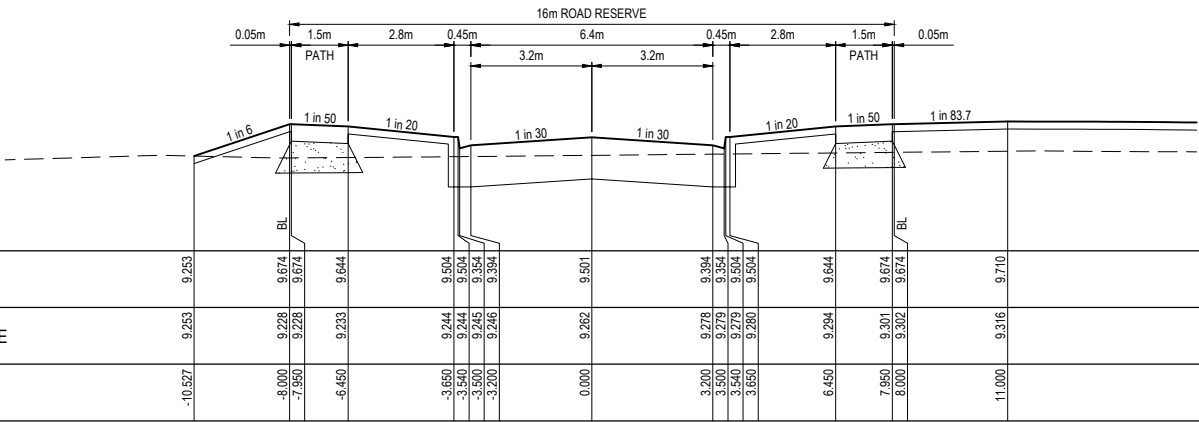


CH 15.000

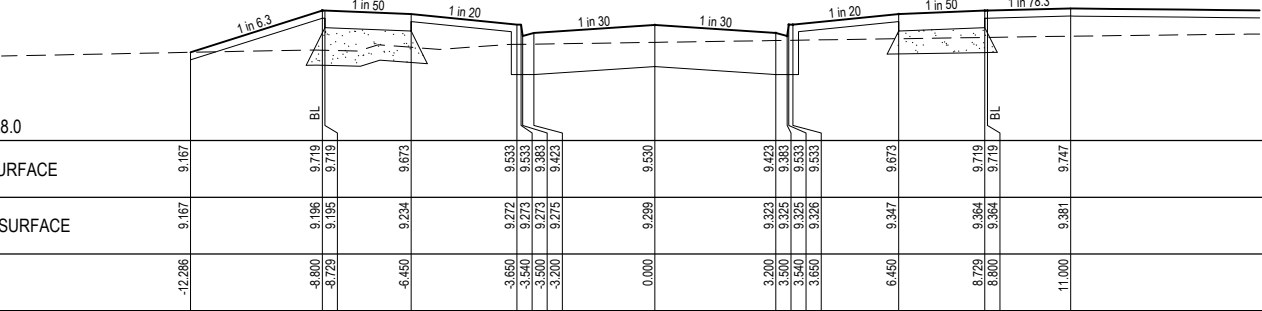


TPCH 12.200

DARTER WAY



CH 18.000



TPCH 12.200

GLORY WAY

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface
1	Approved for construction	GP/DP	MG	28/10/22	Design Line
					Future Surface
					Select Fill
					Crushed Rock

Principal

HARRIOTT
AT ARMSTRONG CREEK

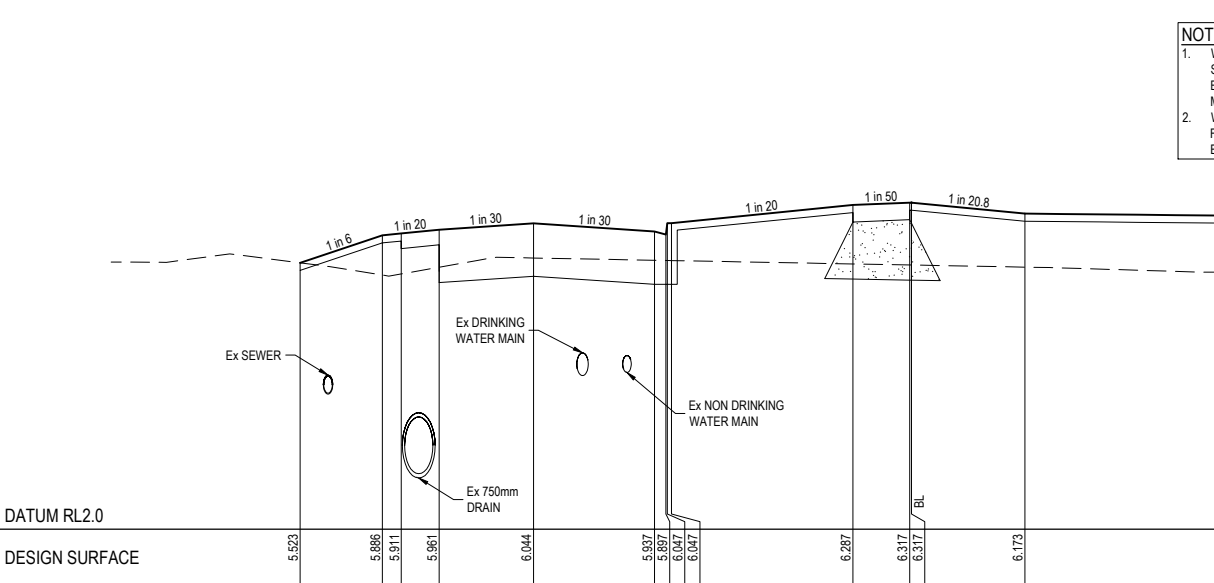
Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeler Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

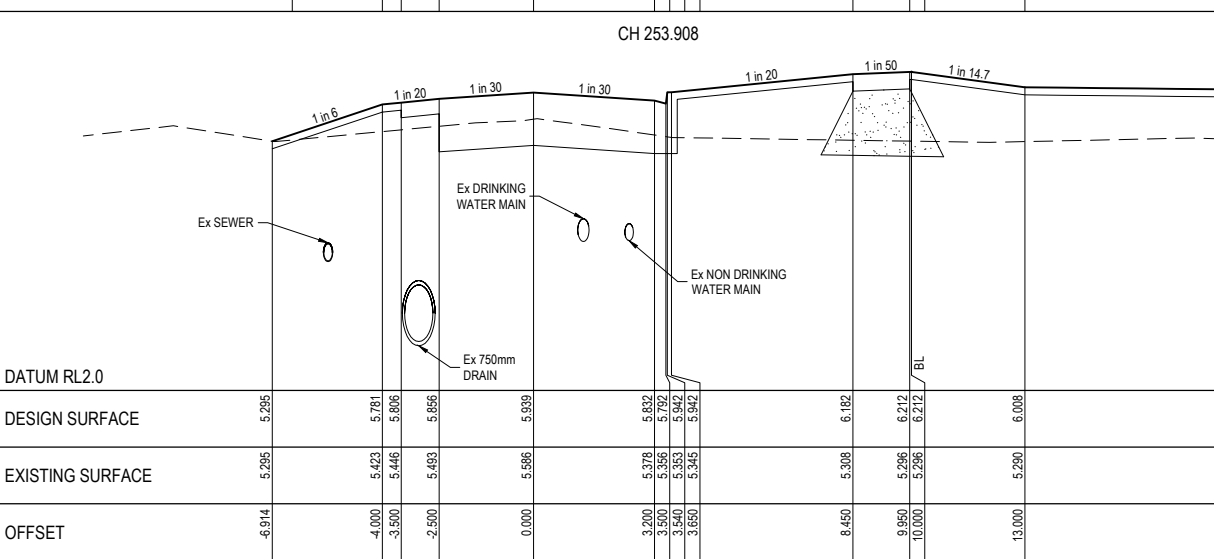
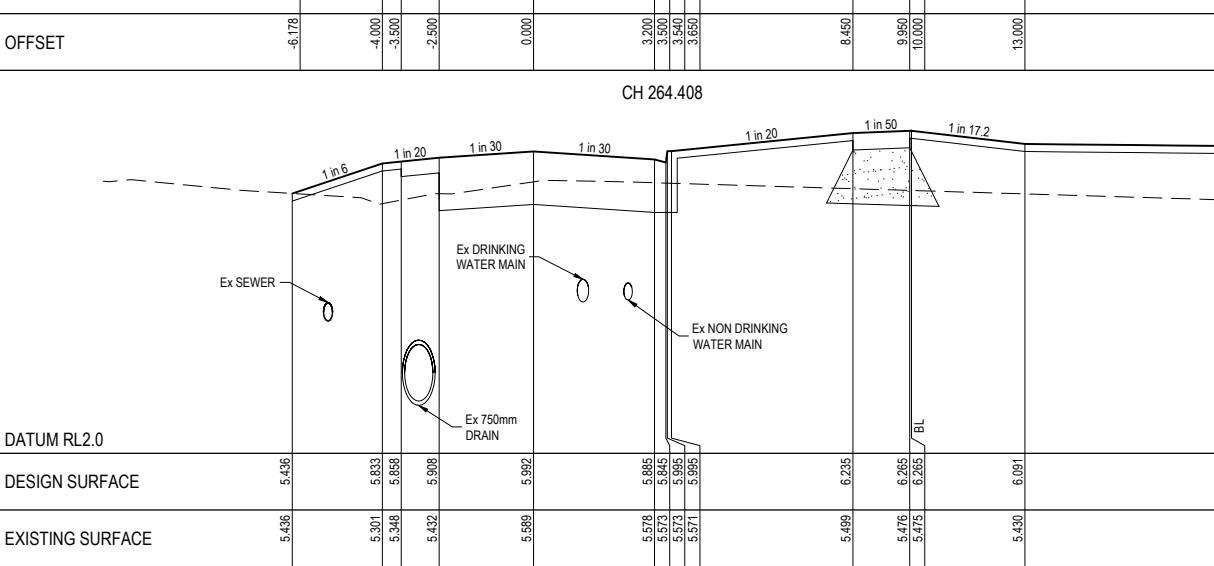
Council	City of Greater Geelong
Project	Harriott at Armstrong Creek Stage 8B
Title	Cross Sections Darter Way & Glory Way
Designed: G.Pratt	Authorised: M.Graham
Drafted: D.Pratt	Date: August 2022

Scale @ A1: H1:100 V1:50	
Drawing No.	
0352-08B-R08	
Sheet	Rev
08 of 20	1



NOTE:

1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.



Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface 
1	Approved for construction	GP/DP	MG	28/10/22	Design Line 
					Merindah Estate Surface 
					Select Fill 
					Crushed Rock 

Principal

 **HARRIOTT**
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheelers Hill Vic 3150
Telephone 0456 634 727

© GPR Consulting Pty Ltd

Council City of Greater Geelong

Project **Harriott at Armstrong Creek**
Stage 8B

Title

Cross Sections
Harriott Road - Sheet 1 of 5

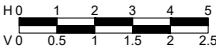
Designed: G.Pratt

Drafted: D.Pratt

Authorised: M.Graham

Date: August 2022

Scale @ A1: H1:100 V1:50



Drawing No.

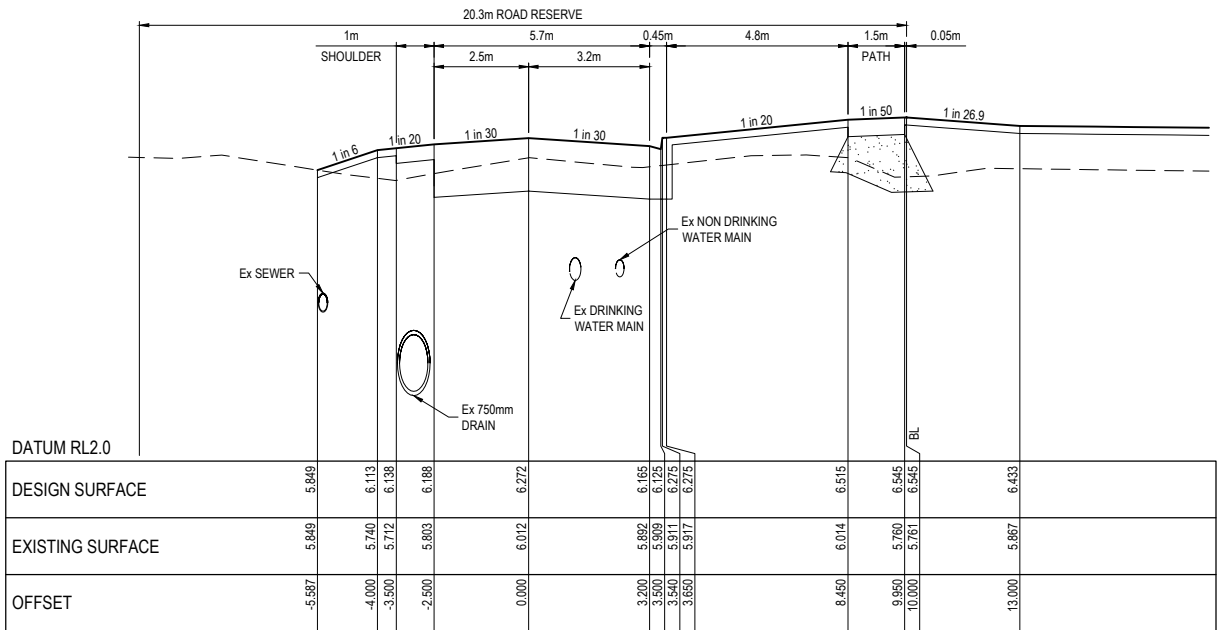
0352-08B-R09

Sheet

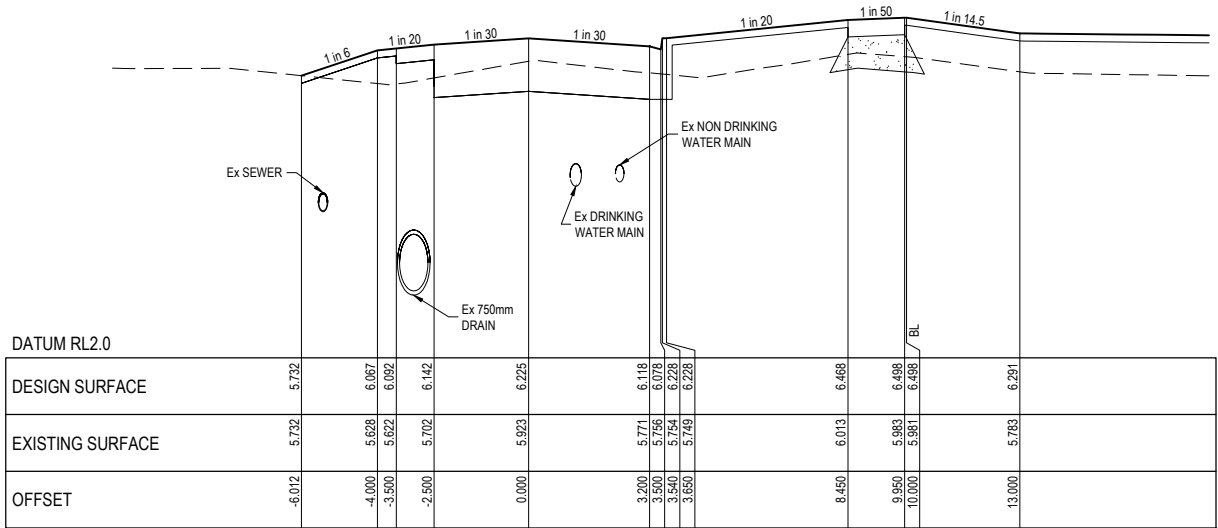
09 of 20

Rev

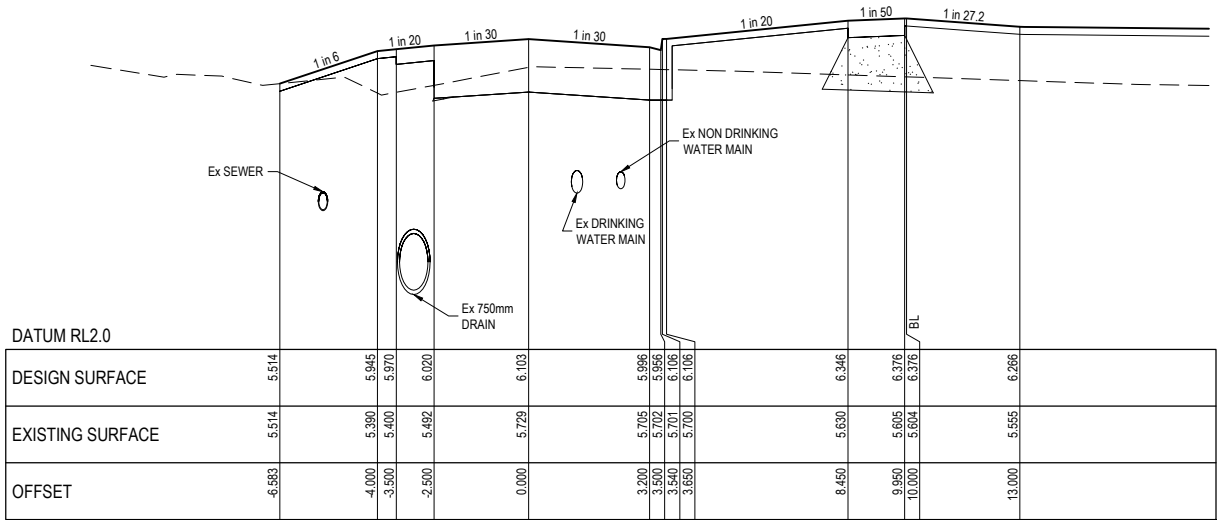
1



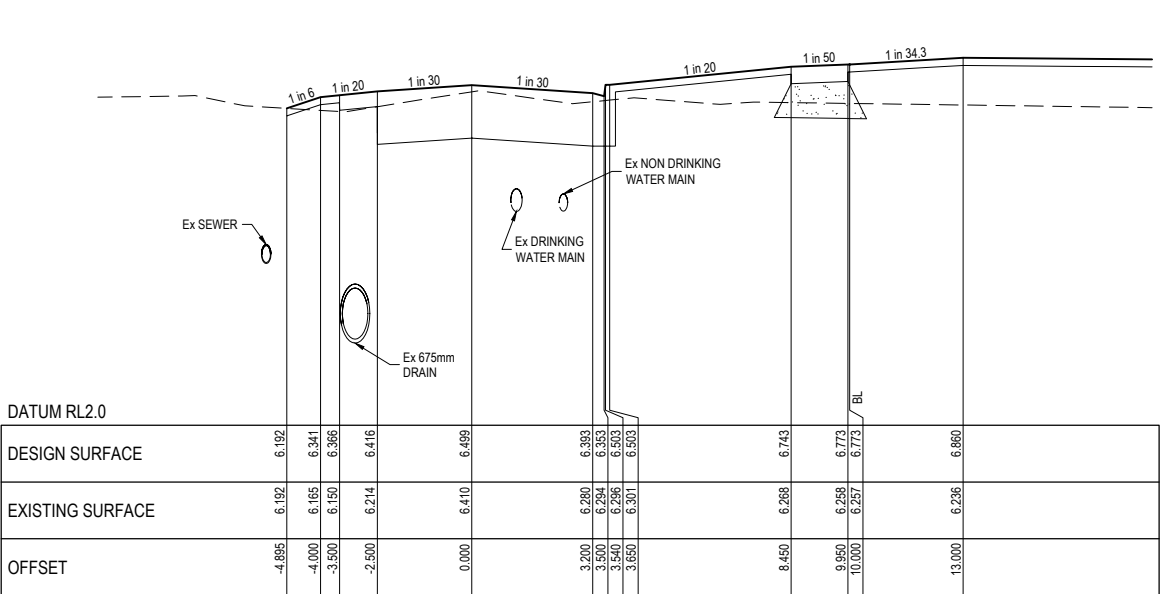
CH 309.908



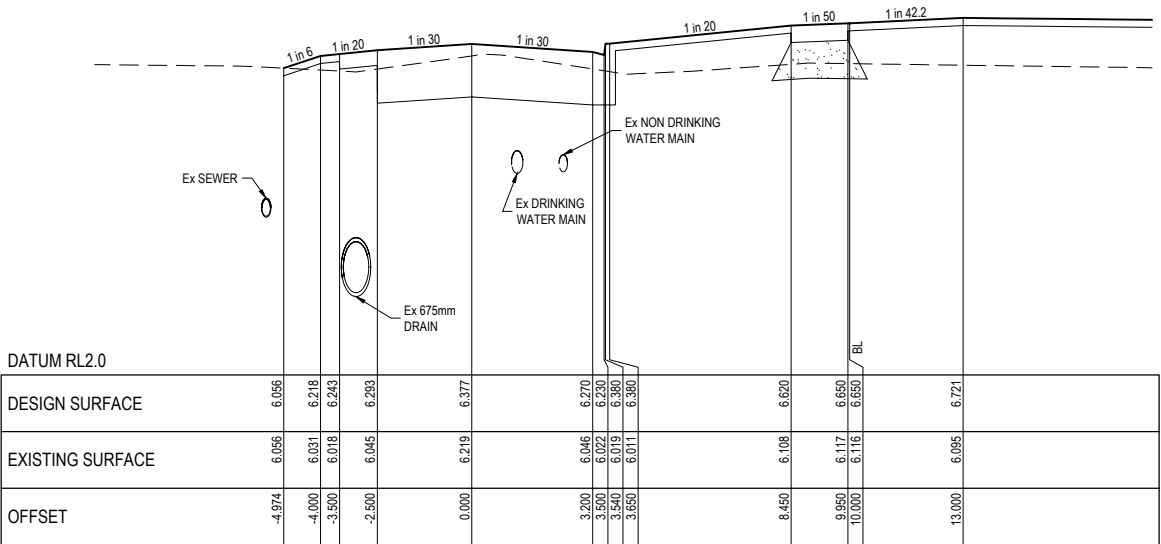
RTPCH 300.608



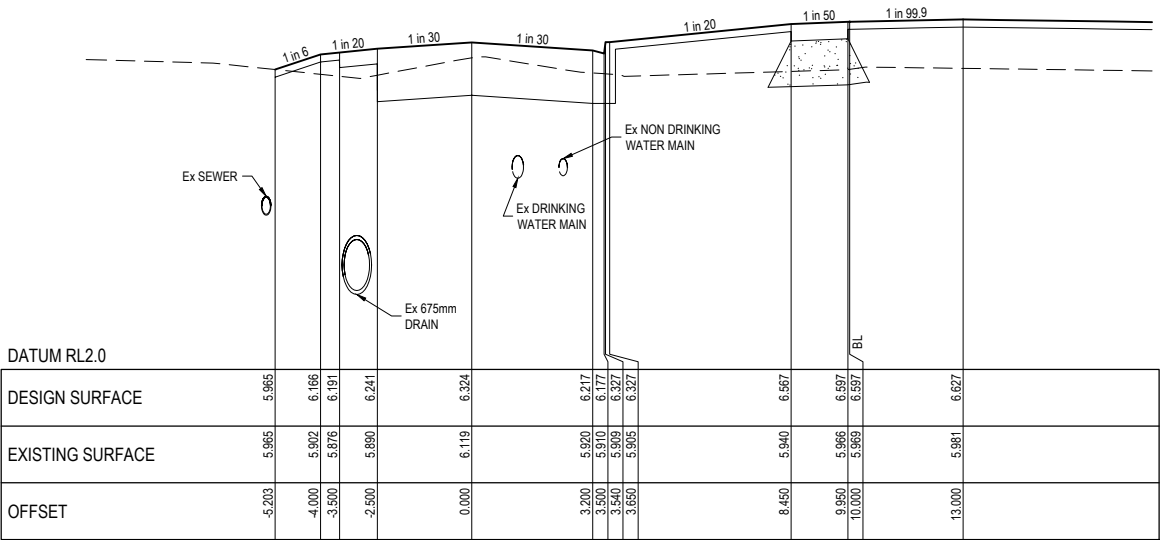
RTPCH 276.208



CH 343.408



CH 330.908



CH 320.408

- NOTE:
- WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
 - WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface
1	Approved for construction	GP/DP	MG	28/10/22	Design Line
					Merindah Estate Surface
					Select Fill
					Crushed Rock

Principal

HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeler Hill Vic 3150
Telephone 0456 634 727

© GPR Consulting Pty Ltd

Council City of Greater Geelong

Project **Harriott at Armstrong Creek Stage 8B**

Title Cross Sections
Harriott Road - Sheet 2 of 5

Designed: G.Pratt
Drafted: D.Pratt

Authorised: M.Graham
Date: August 2022

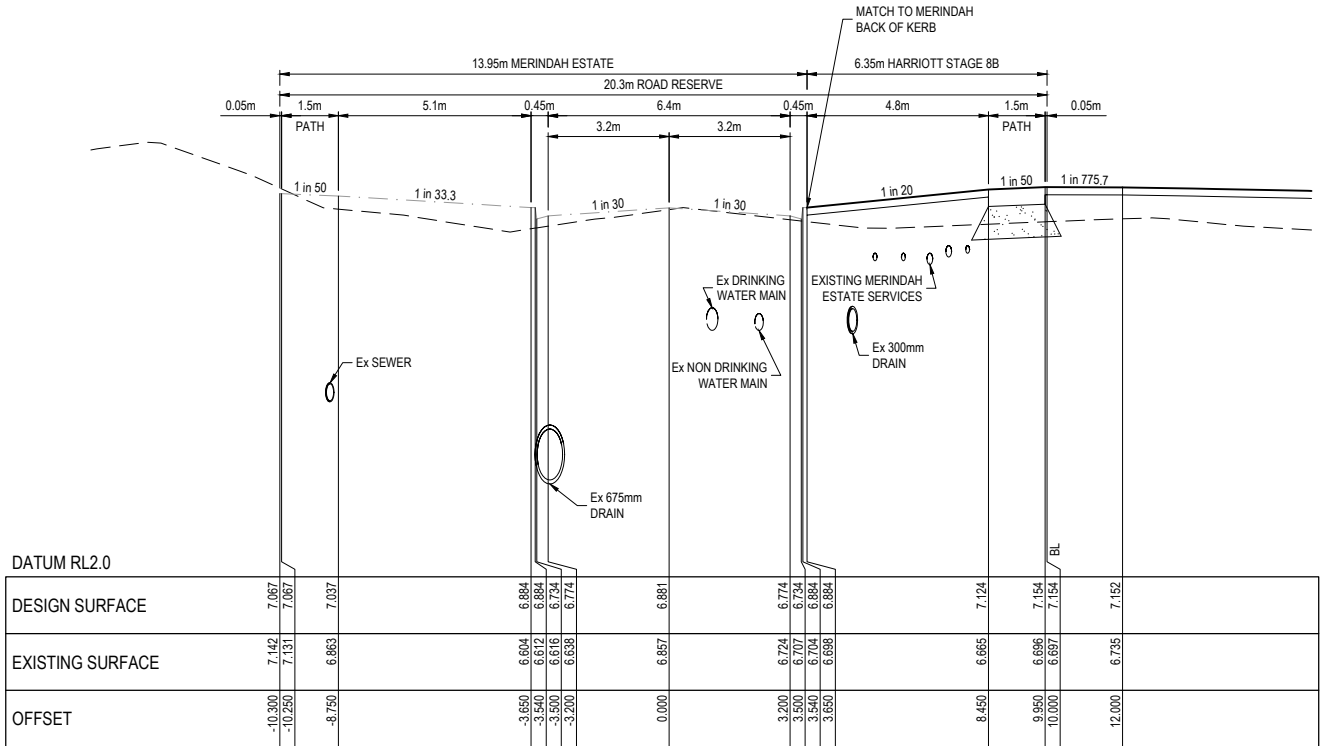
Scale @ A1: H1:100 V1:50

H0 1 2 3 4 5
V0 0.5 1 1.5 2 2.5

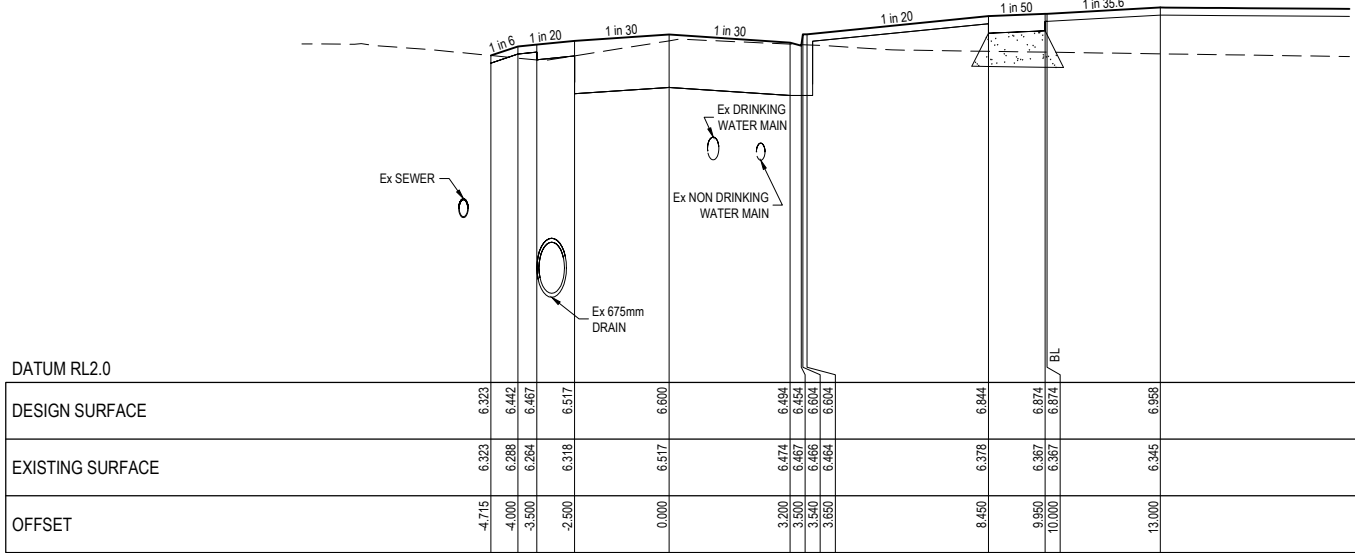
Drawing No. **0352-08B-R10**

Sheet 10 of 20
Rev **1**

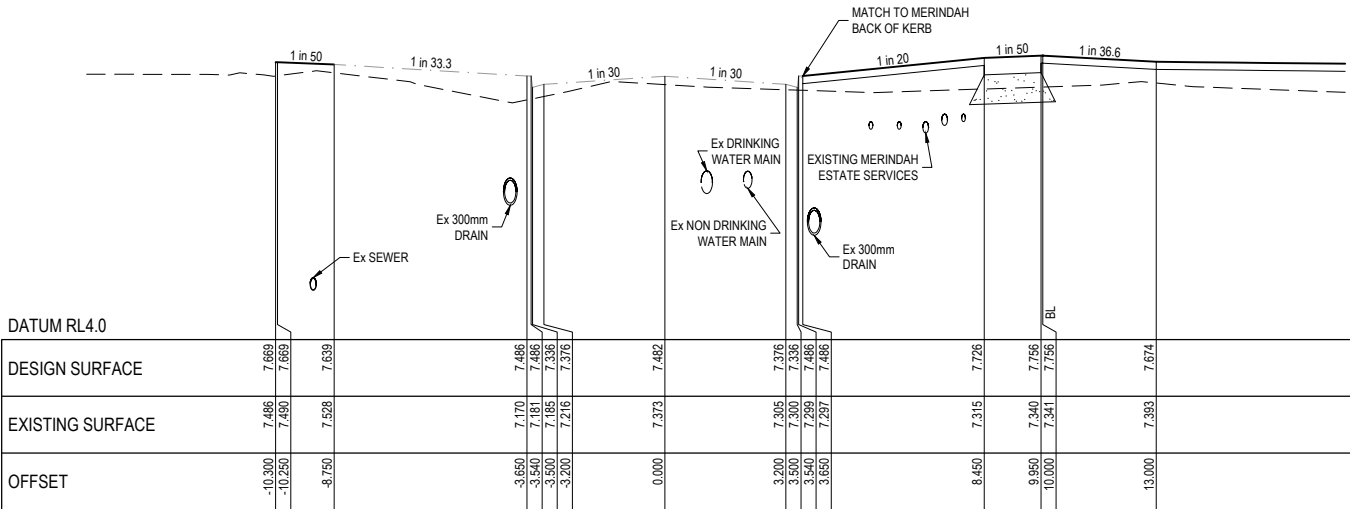
NOTE:
1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.



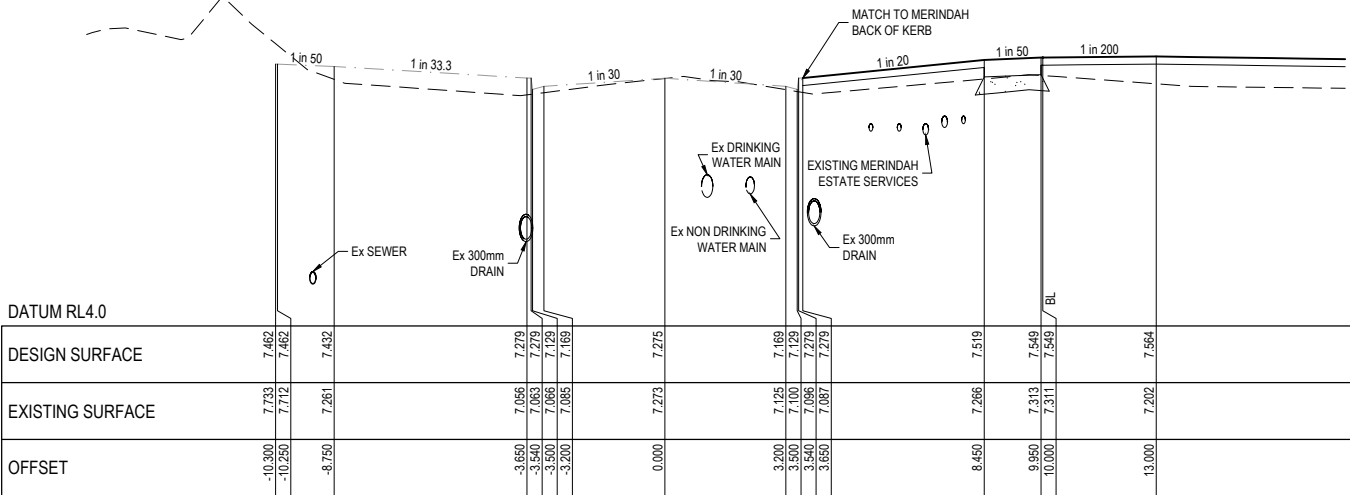
RTPCH 376.608



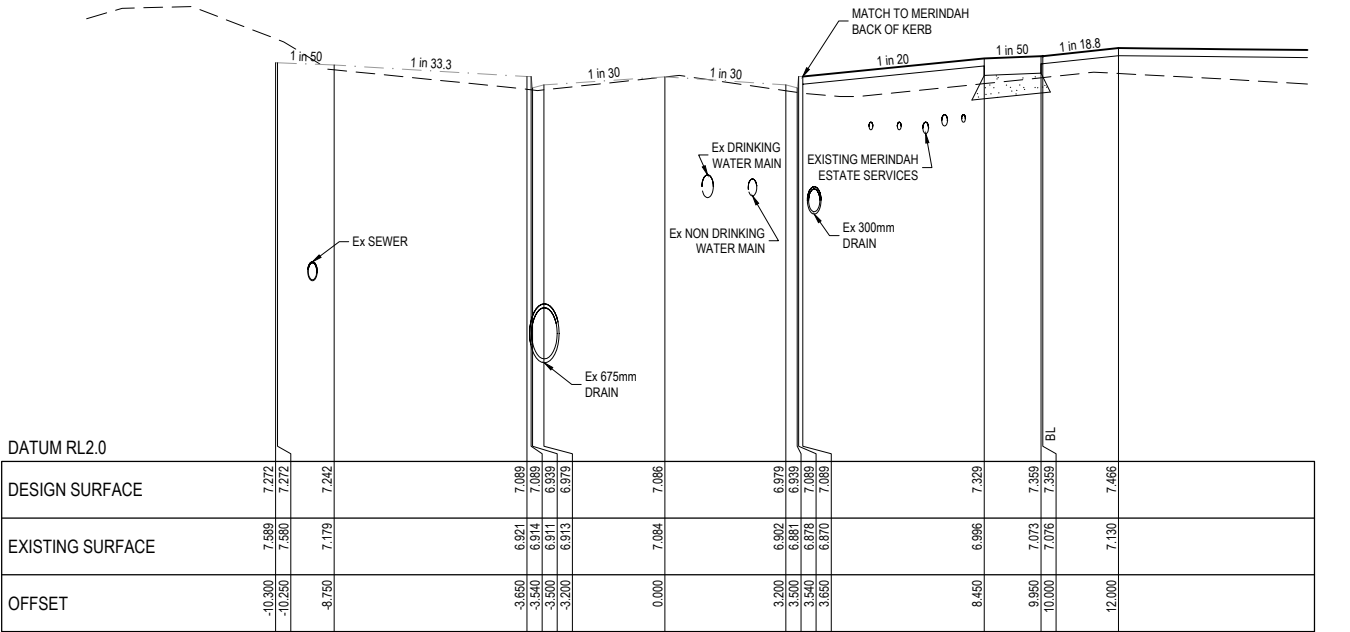
RTPCH 352.208



CH 428.908



CH 410.908



CH 394.408

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface
1	Approved for construction	GP/DP	MG	28/10/22	Design Line
					Merindah Estate Surface
					Select Fill
					Crushed Rock

Principal

HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeler Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

Council City of Greater Geelong

Project **Harriott at Armstrong Creek Stage 8B**

Title Cross Sections
Harriott Road - Sheet 3 of 5

Designed: G.Pratt
Drafted: D.Pratt

Authorised: M.Graham
Date: August 2022

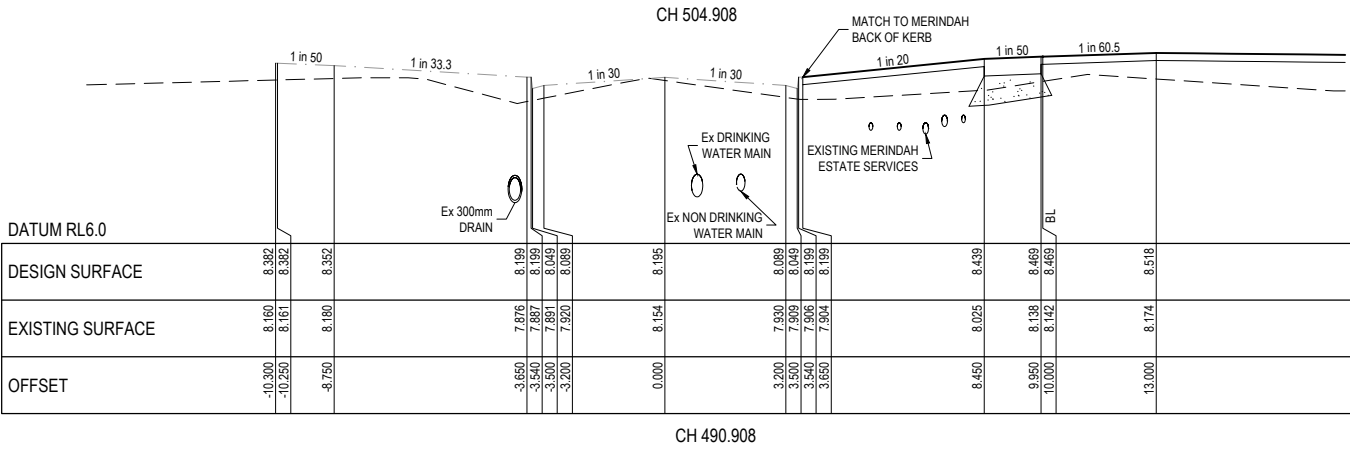
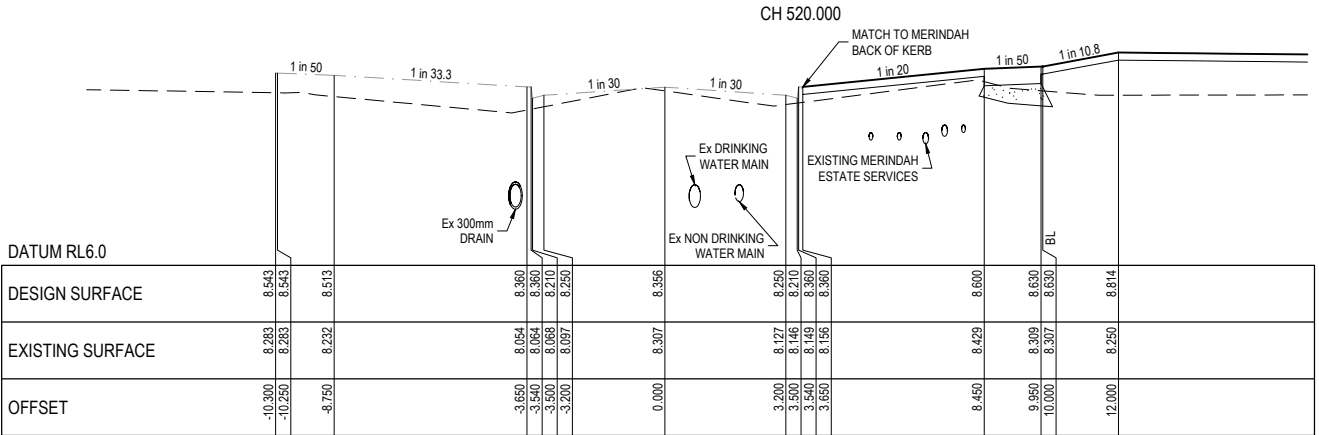
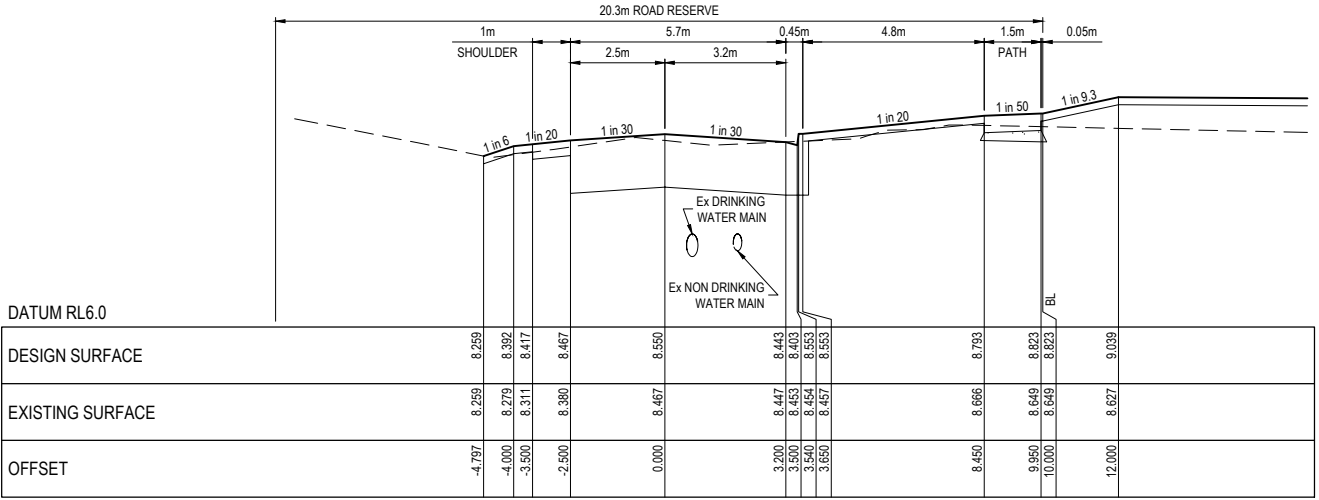
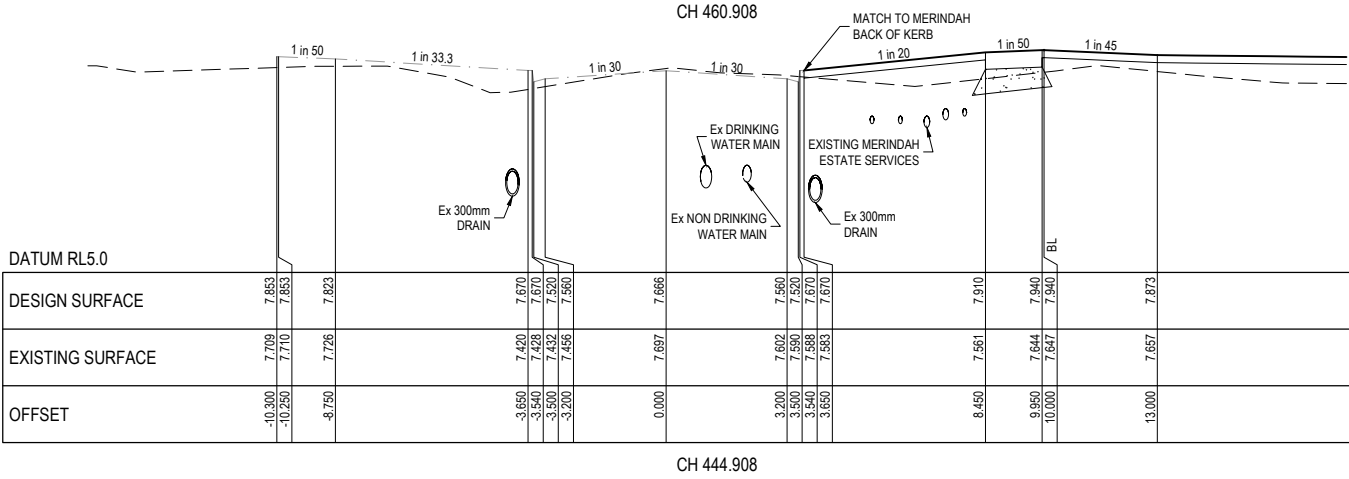
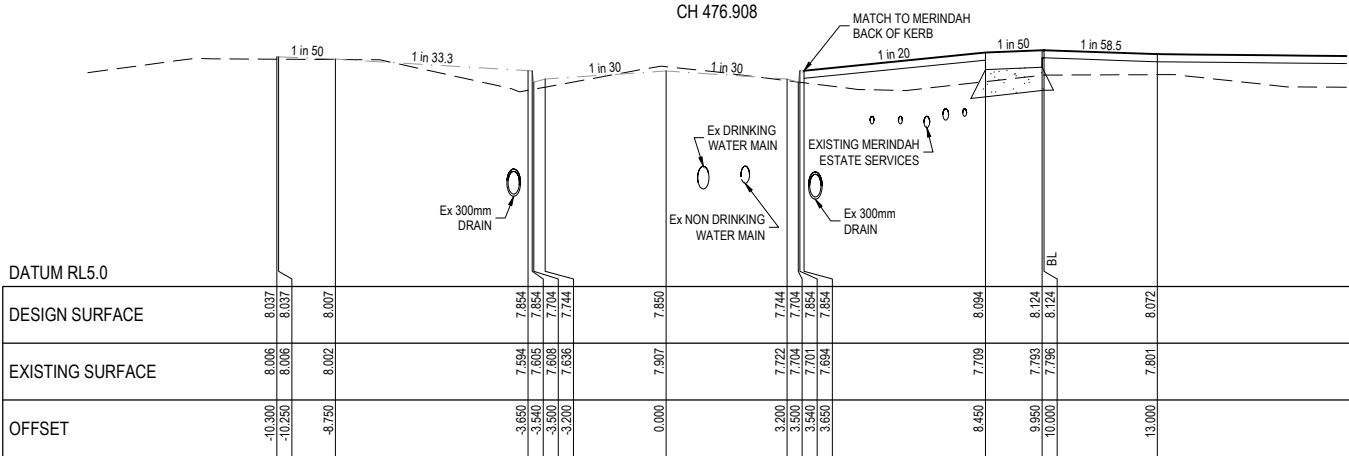
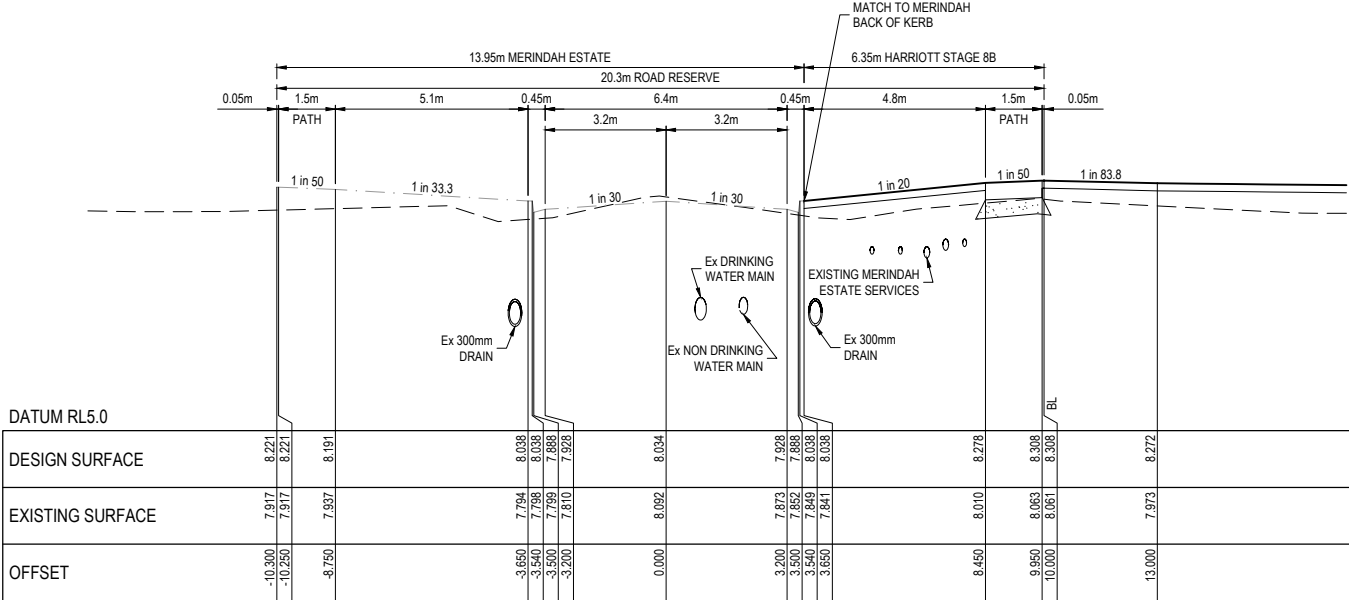
Scale @ A1: H1:100 V1:50

H0 1 2 3 4 5
V0 0.5 1 1.5 2 2.5

Drawing No. **0352-08B-R11**

Sheet 11 of 20
Rev **1**

- NOTE:**
1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELOWN REQUIREMENTS.
 2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.



Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface 
1	Approved for construction	GP/DP	MG	28/10/22	Design Line 
					Merindah Estate Surface 
					Select Fill 
					Crushed Rock 

Principal



HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheelers Hill Vic 3150
Telephone 0456 634 727

© GPR Consulting Pty Ltd

Council	City of Greater Geelong
---------	-------------------------

Project **Harriott at Armstrong Creek**
Stage 8B

Cross Sections

Harriott Road - Sheet 4 of 5

Designed: G.Pratt

Authorised: M.Graham

Date: August 2022

Scale @ A1: H1:100 V1:50



Drawing No.

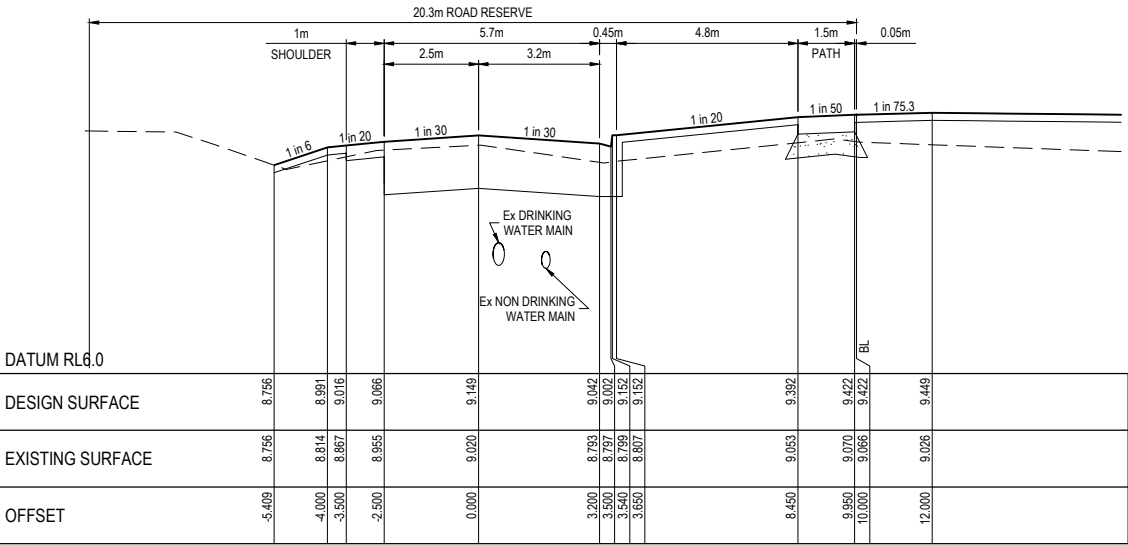
0352-08B-R12

Sheet

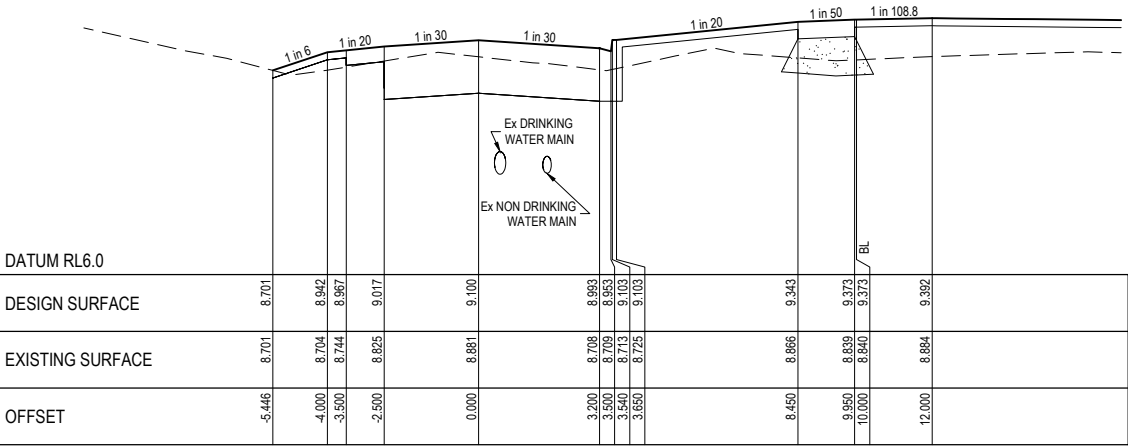
Rev

1

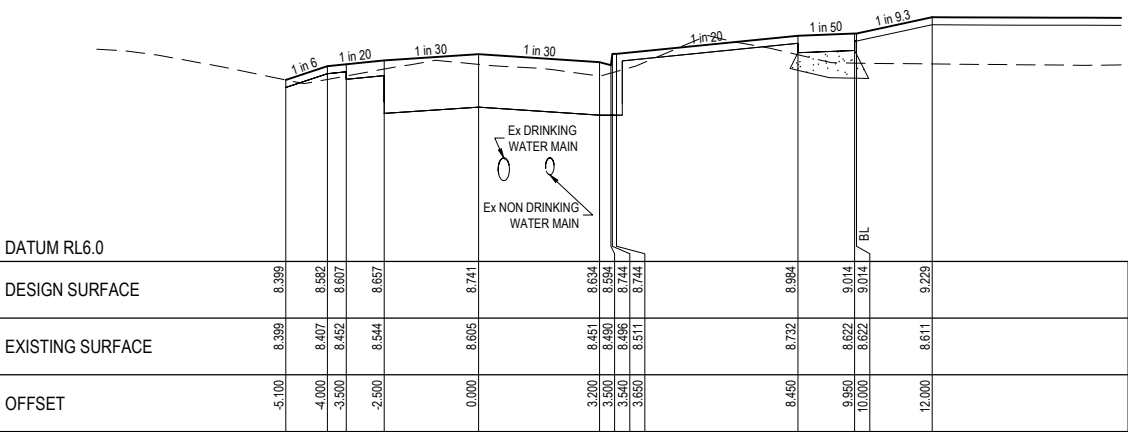
NOTE:
1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.



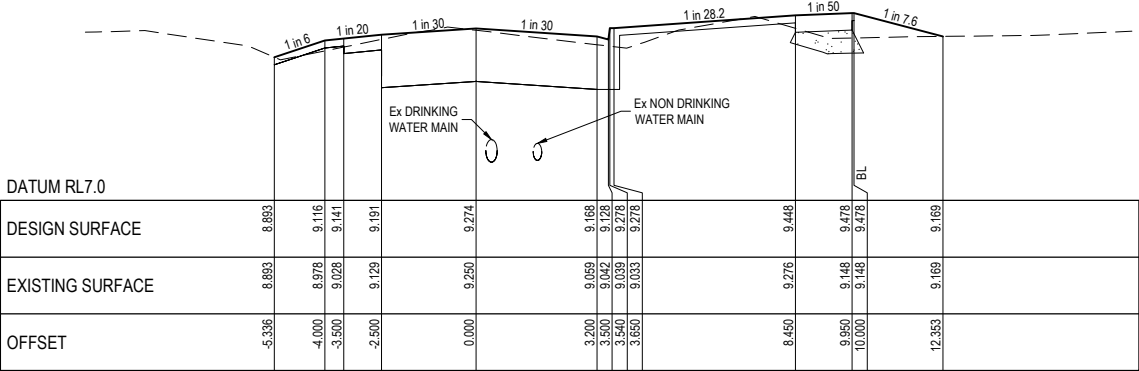
CH 566.908



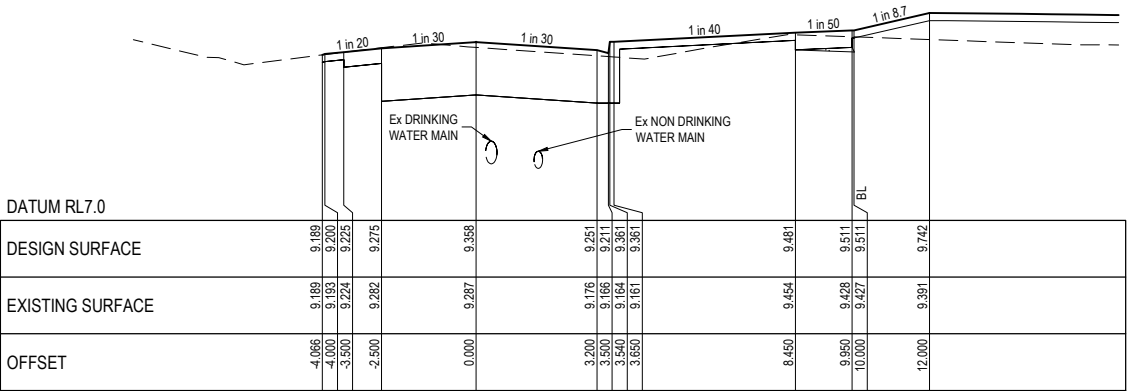
RTPCH 557.108



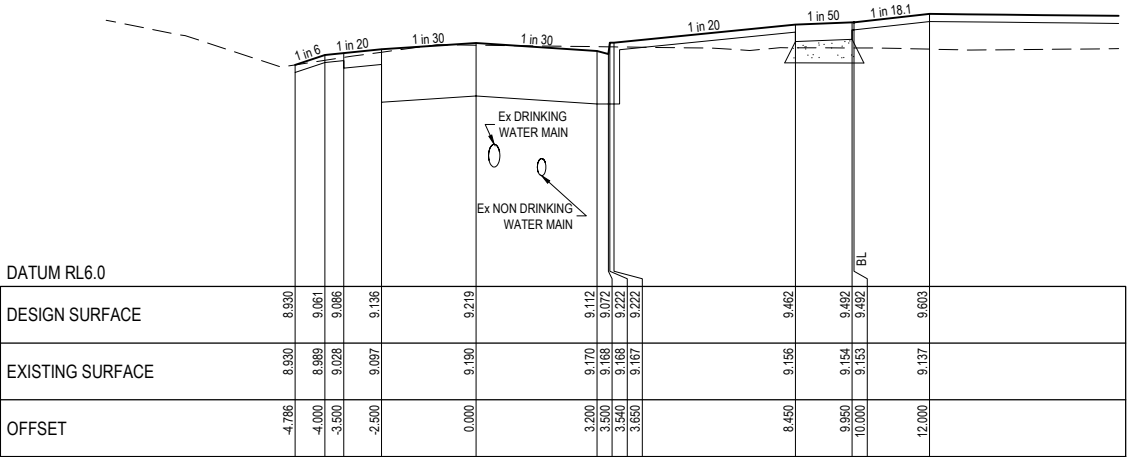
RTPCH 532.708



RTPCH 633.108



RTPCH 608.708



CH 580.908

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface
B	Cross section Ch608.708 amended	GP/DP	MG	30/09/22	Design Line
1	Approved for construction	GP/DP	MG	28/10/22	Merindah Estate Surface
					Select Fill
					Crushed Rock

Principal

HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeler's Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

Council City of Greater Geelong

Project **Harriott at Armstrong Creek Stage 8B**

Title Cross Sections
Harriott Road - Sheet 5 of 5

Designed: G.Pratt
Drafted: D.Pratt

Authorised: M.Graham
Date: August 2022

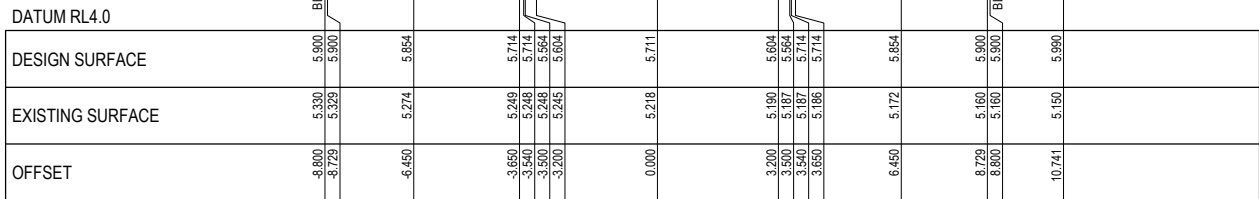
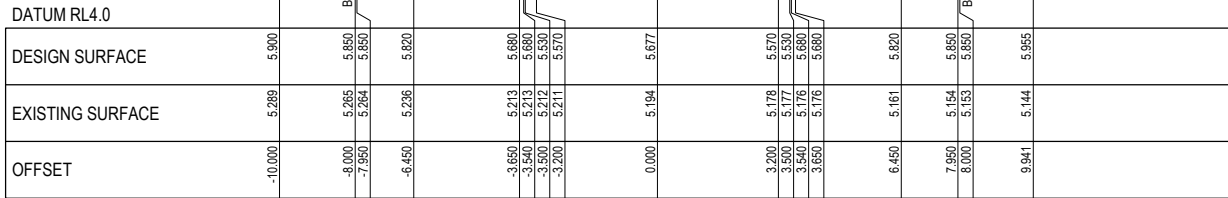
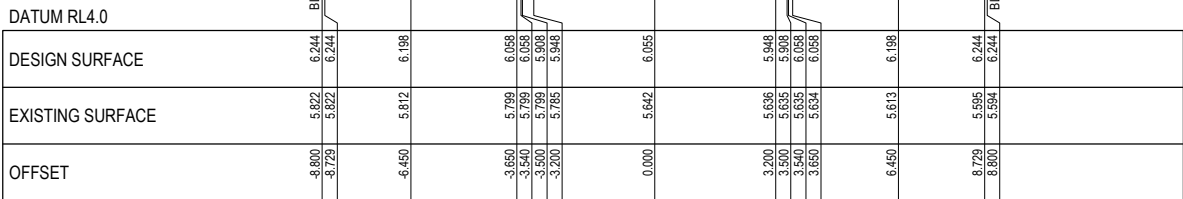
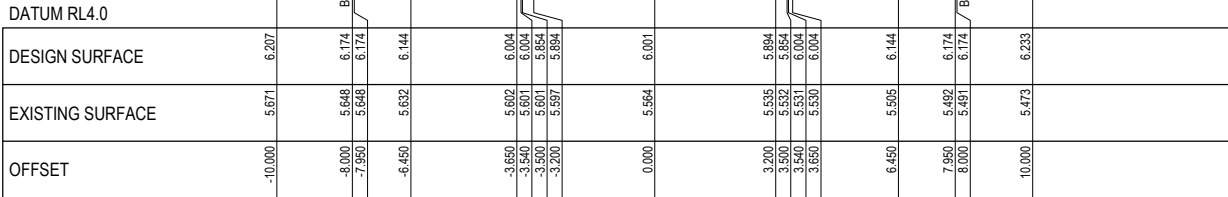
Scale @ A1: H1:100 V1:50

Drawing No. **0352-08B-R13**

Sheet 13 of 20

Rev **1**

1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.

[illegible]

Principal



HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Whealers Hill Vic 3150
Telephone 0456 634 727

© GPR Consulting Pty Ltd

Council City of Greater Geelong

Project **Harriott at Armstrong Creek**
Stage 8B

Cross Sections
Lapis Street & Purity Way

Designed: G.Pratt

Authorised: M.Graham
Date: August 2022

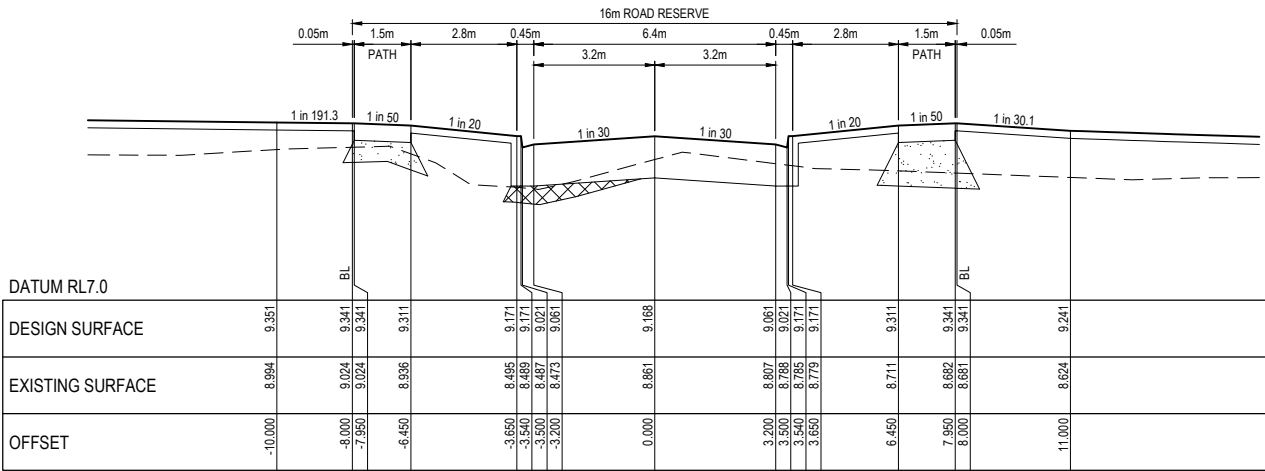
Scale @ A1: H1:100 V1:50



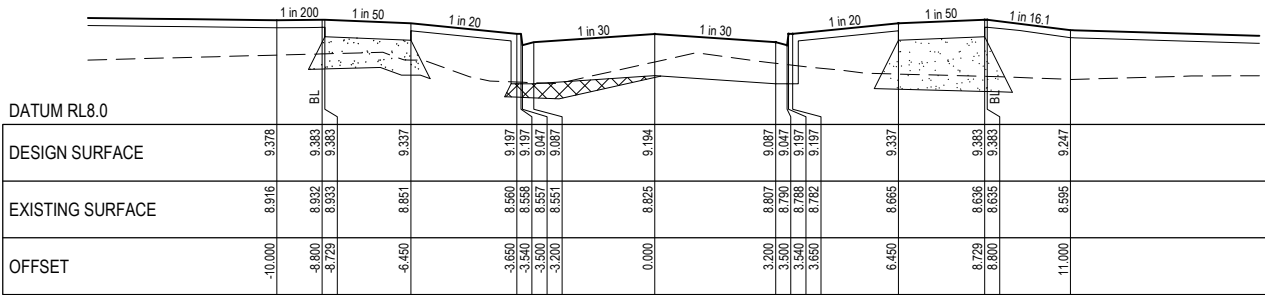
Drawing No.
0352-08B-R14

Sheet	Rev
14 of 20	1

NOTE:
1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.



CH 17.500



TPCH 12.200

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface
1	Approved for construction	GP/DP	MG	28/10/22	Design Line
					Future Surface
					Select Fill
					Crushed Rock

Principal

A

H

C

HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

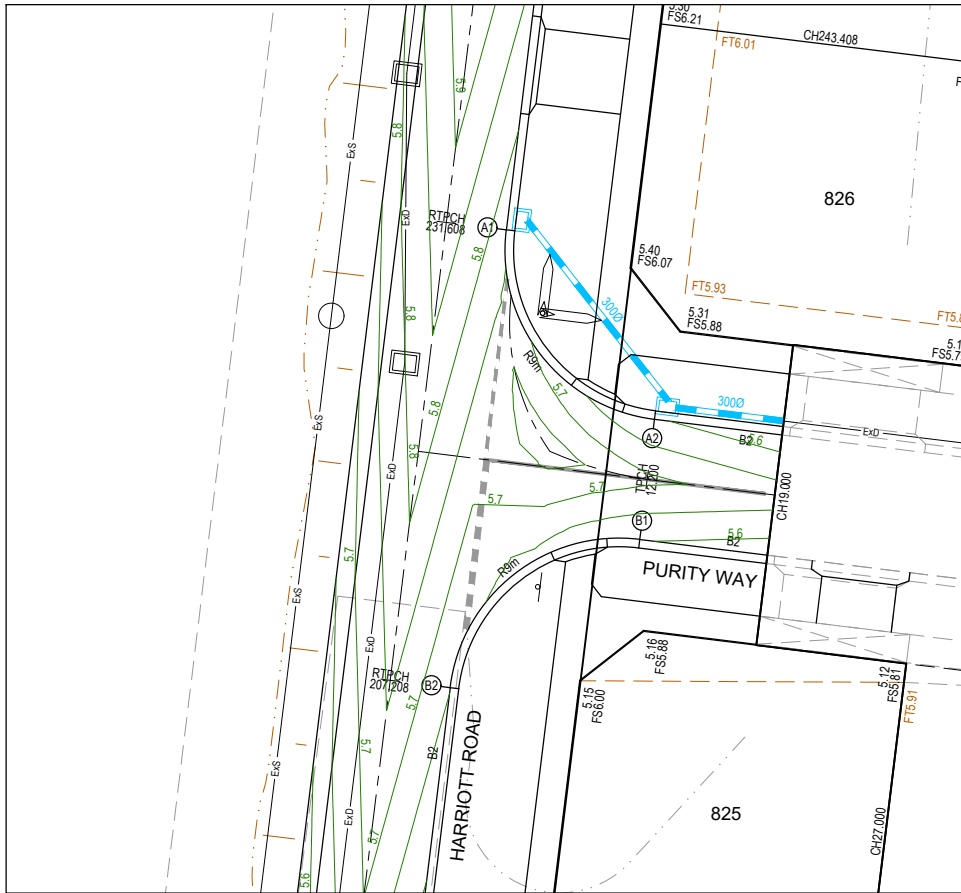
GPR

Consulting

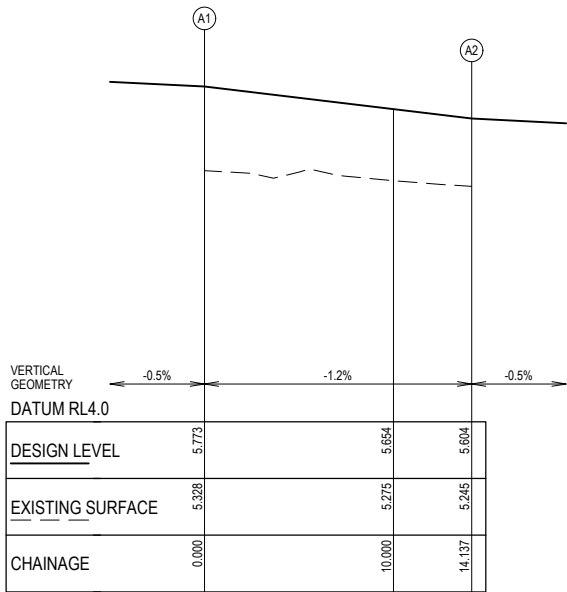
GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeters Hill Vic 3150
Telephone 0456 634 727

© GPR Consulting Pty Ltd

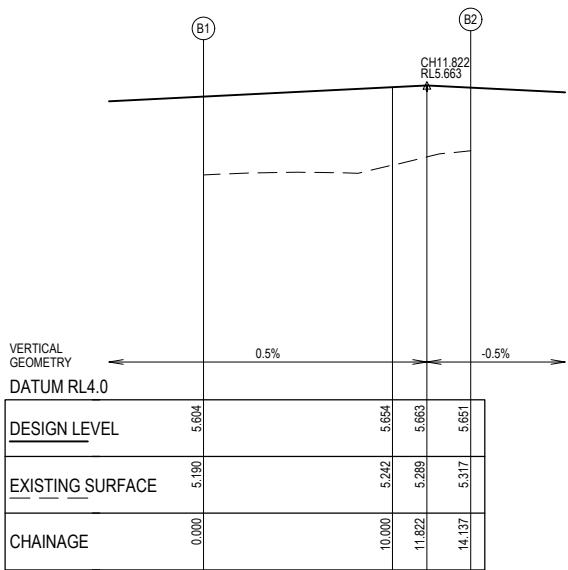
Council	City of Greater Geelong	Scale @ A1:	H1:100 V1:50
Project	Harriott at Armstrong Creek Stage 8B	H 0 1 2 3 4 5 V 0 0.5 1 1.5 2 2.5	
Title	Cross Sections Serenity Street	Drawing No.	0352-08B-R15
Designed: G.Pratt	Authorised: M.Graham	Sheet	15 of 20
Drafted: D.Pratt	Date: August 2022	Rev	1



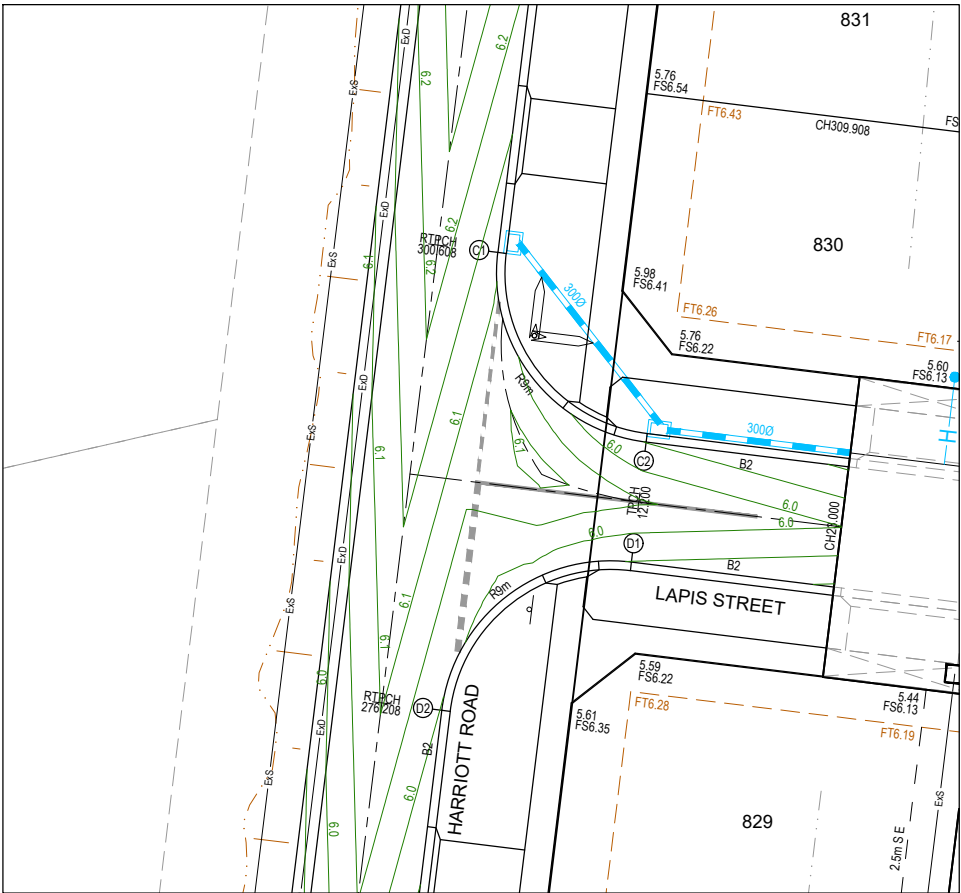
ALIGNMENT A					
POINT NO	EASTING	NORTHING	RL		
A1	270131.763	5765556.638	5.773		
A2	270139.601	5765546.610	5.604		
CURVE NO					
A1 - A2	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
	9.000	12.728	2.636	2.055	5.689
ALIGNMENT B					
POINT NO	EASTING	NORTHING	RL		
B1	270138.822	5765540.257	5.604		
B2	270128.793	5765532.420	5.651		
CURVE NO					
B1 - B2	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
	9.000	12.728	2.636	2.055	5.639



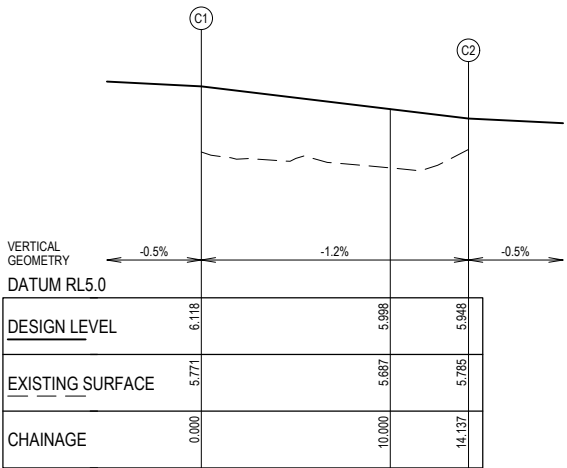
LIP LINE A



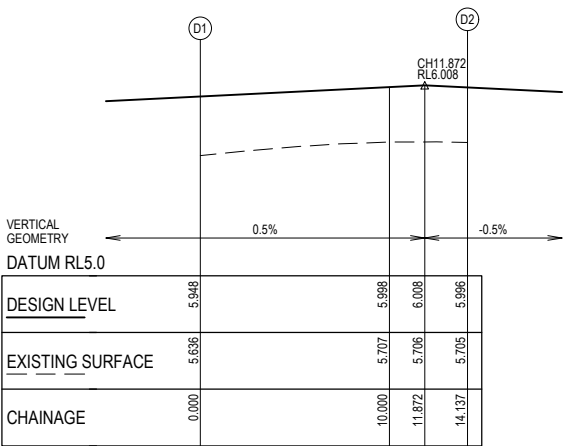
LIP LINE B



ALIGNMENT C					
POINT NO	EASTING	NORTHING	RL		
C1	270140.161	5765425.125	6.118		
C2	270147.999	5765415.097	5.948		
CURVE NO					
C1 - C2	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
	9.000	12.728	2.636	2.055	6.033
ALIGNMENT D					
POINT NO	EASTING	NORTHING	RL		
D1	270147.220	5765408.744	5.948		
D2	270137.191	5765600.907	5.996		
CURVE NO					
D1 - D2	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
	9.000	12.728	2.636	2.055	5.984

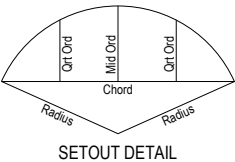


LIP LINE C

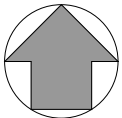


LIP LINE D

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works.
DIAL 1100 BEFORE YOU DIG
www.1100.com.au



Rev	Amendment	Des/Dft	App'd	Date	Legend	
A	Initial Issue	GP/DP	MG	09/08/22	Existing Drainage	— H —> Ex D —>
1	Approved for construction	GP/DP	MG	28/10/22	Existing Sewer	— O —> Ex S —>
					Existing Gas	— G —> Ex G —>
					Existing Electricity U/G	— E —> Ex E —>
					Existing Electricity O/H	— OH —> Ex OH —>
					Existing Communications	— T —> Ex T —>
					Existing Drinking Water	— DW —> Ex DW —>
					Existing Non Drinking Water	— NDW —> Ex NDW —>
					Pavement Treatment	— P —> Ex P —>
					Drainage	— H —> Ex D —>
					Main Drainage	— H —> Ex D —>
					Sewer	— O —> Ex S —>
					Gas	— G —> Ex G —>
					Electricity U/G	— E —> Ex E —>
					Communications	— T —> Ex T —>
					Drinking Water	— DW —> Ex DW —>
					Non Drinking Water	— NDW —> Ex NDW —>
					Concrete Infill	— C —> Ex C —>

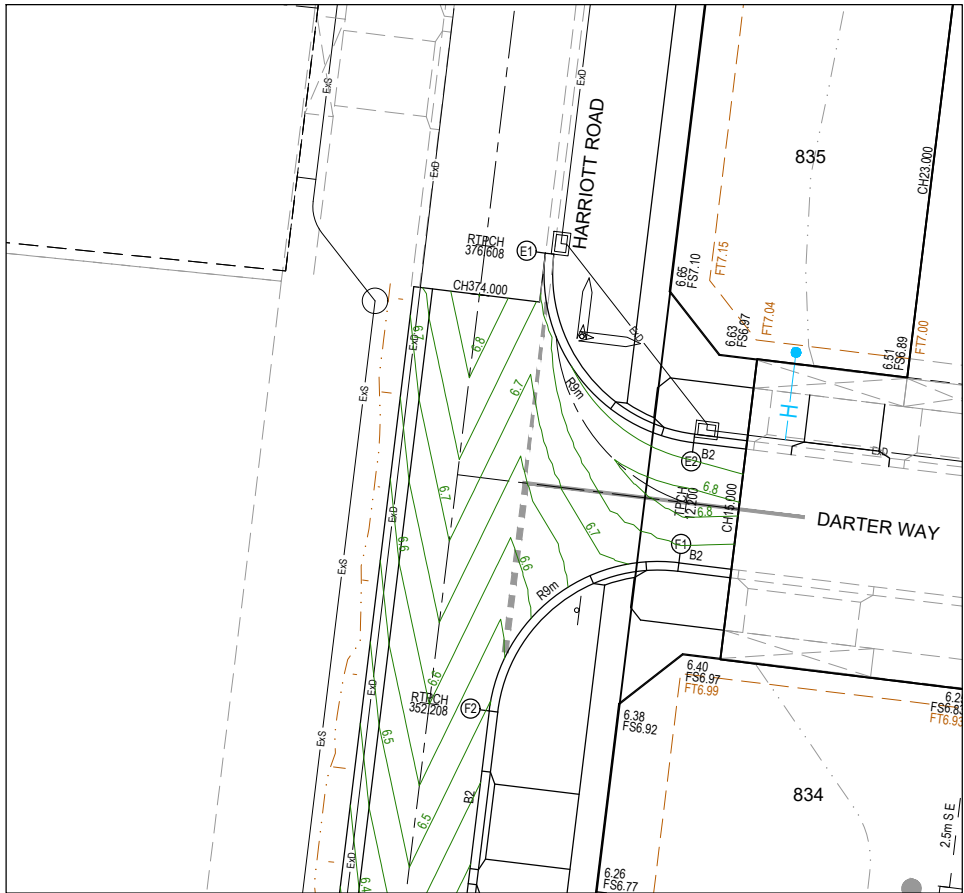


Principal
HARRIOTT
AT ARMSTRONG CREEK
Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting
GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jellis Road
Wheeler Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

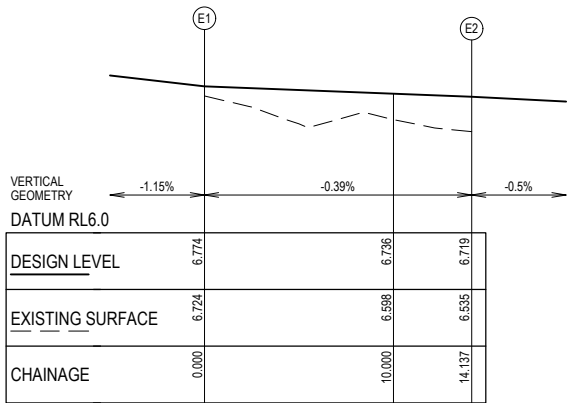
Council City of Greater Geelong
Project **Harriott at Armstrong Creek Stage 8B**
Title Intersection Details
Sheet 1 of 3
Designed: G.Pratt
Drafted: D.Pratt
Authorised: M.Graham
Date: August 2022

Scale @ A1: H1:200 V1:20
H0 2 4 6 8 10
V0 0.2 0.4 0.6 0.8 1
Drawing No. **0352-08B-R16**
Sheet 16 of 20
Rev **1**

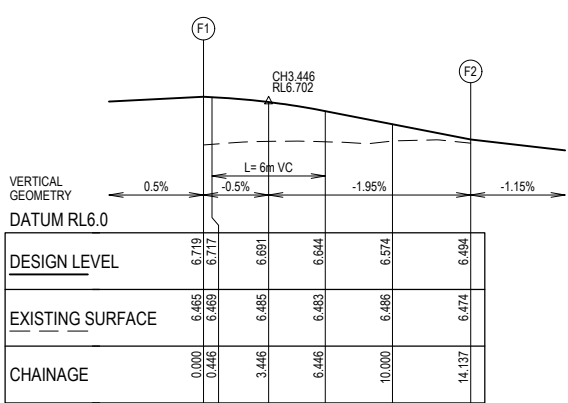


ALIGNMENT E					
POINT NO	EASTING	NORTHING	RL		
E1	270149.411	5765700.560	6.774		
E2	270157.248	5765690.532	6.719		
CURVE NO					
E1 - E2	9.000	12.728	2.636	2.055	6.747

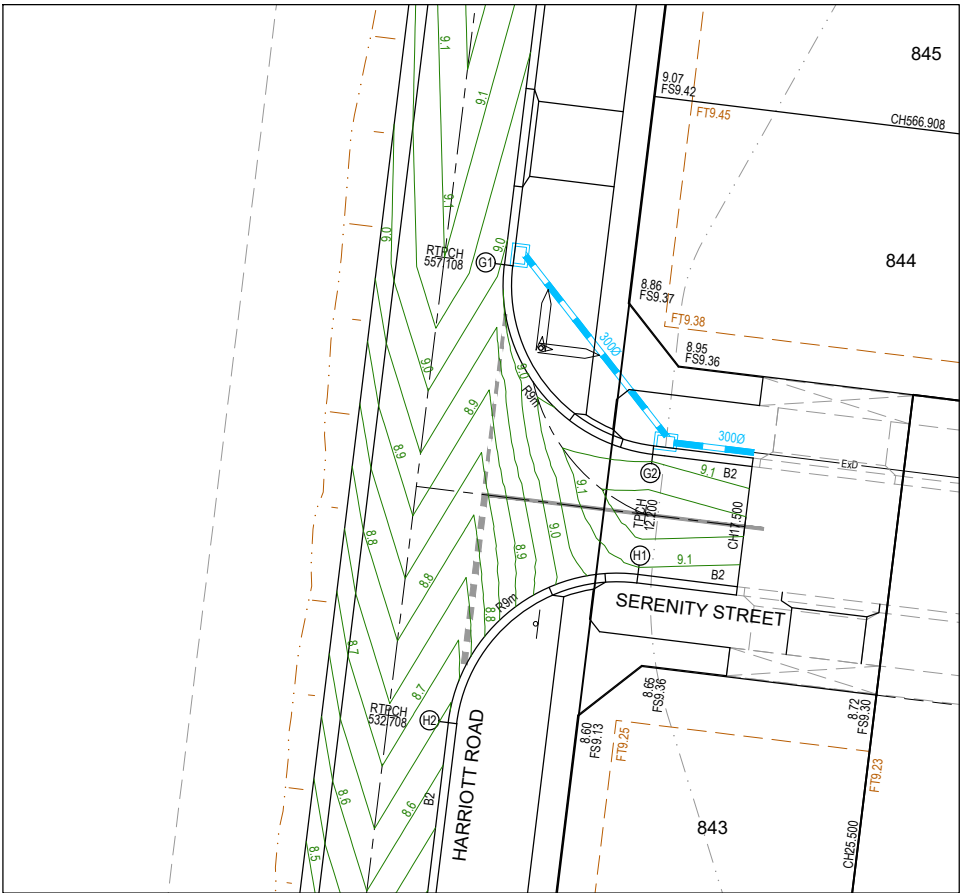
ALIGNMENT F					
POINT NO	EASTING	NORTHING	RL		
F1	270156.469	5765684.179	6.719		
F2	270146.441	5765676.342	6.494		
CURVE NO					
F1 - F2	9.000	12.728	2.636	2.055	6.632



LIP LINE E

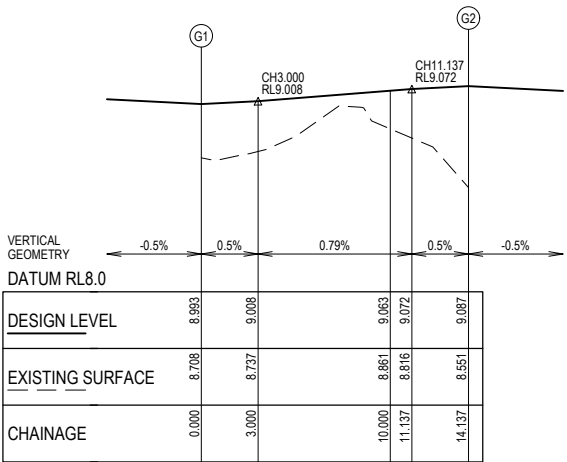


LIP LINE F

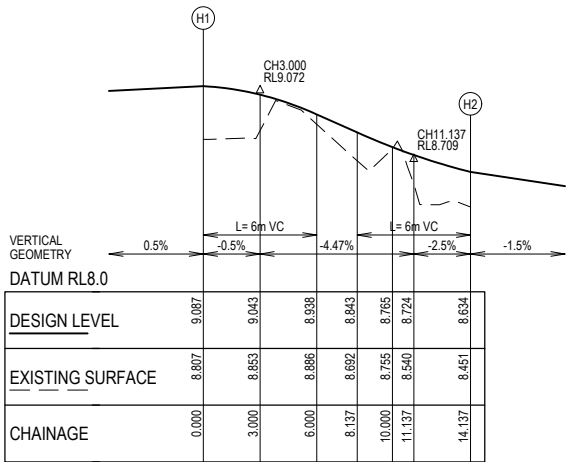


ALIGNMENT G					
POINT NO	EASTING	NORTHING	RL		
G1	270171.379	5765879.719	8.993		
G2	270179.217	5765869.690	9.087		
CURVE NO					
G1 - G2	9.000	12.728	2.636	2.055	9.040

ALIGNMENT H					
POINT NO	EASTING	NORTHING	RL		
H1	270178.438	5765863.338	9.087		
H2	270168.409	5765855.500	8.634		
CURVE NO					
H1 - H2	9.000	12.728	2.636	2.055	8.891

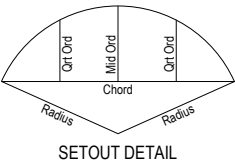


LIP LINE G

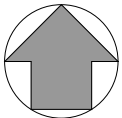


LIP LINE H

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works.
DIAL 1100 BEFORE YOU DIG
www.1100.com.au



Rev	Amendment	Des/Dft	App'd	Date	Legend	
A	Initial Issue	GP/DP	MG	09/08/22	Existing Drainage	Drainage
1	Approved for construction	GP/DP	MG	28/10/22	Existing Sewer	Sewer
					Existing Gas	Gas
					Existing Electricity U/G	Electricity U/G
					Existing Electricity O/H	Electricity O/H
					Existing Communications	Communications
					Existing Drinking Water	Drinking Water
					Existing Non Drinking Water	Non Drinking Water
					Pavement Treatment	Concrete Infill

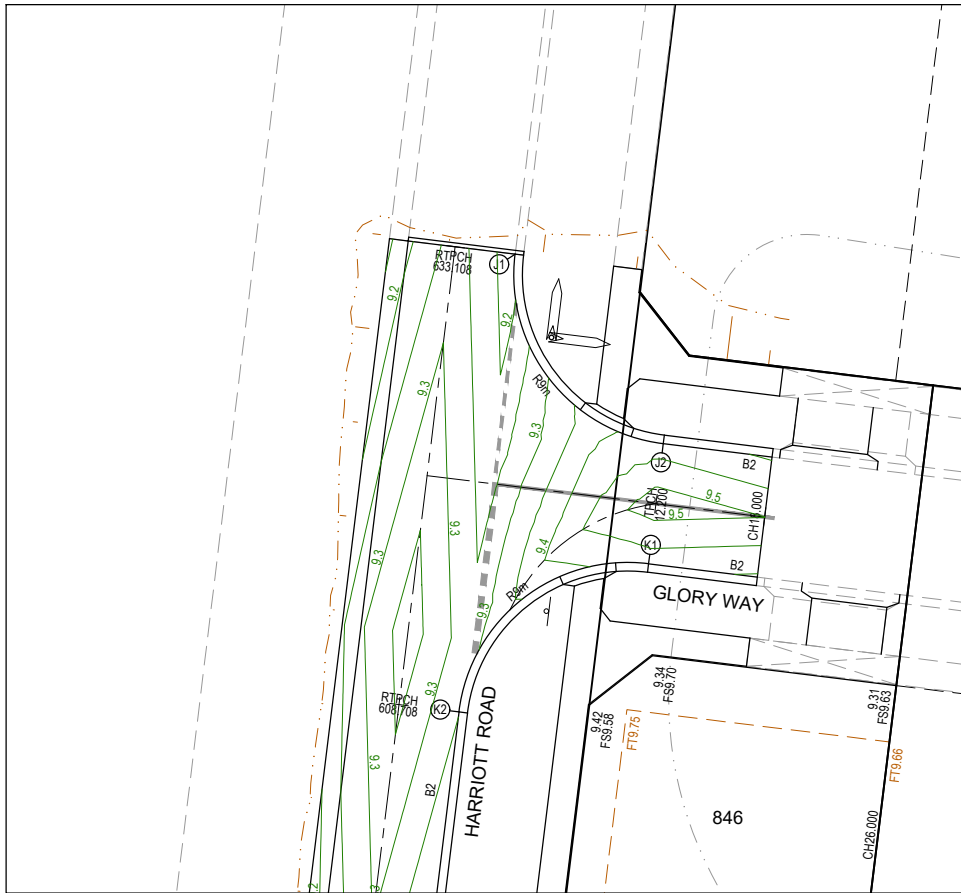


Principal
HARRIOTT
AT ARMSTRONG CREEK
Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting
GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jellis Road
Wheeler Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

City of Greater Geelong	
Project	Harriott at Armstrong Creek Stage 8B
Title	Intersection Details Sheet 2 of 3
Designed: G.Pratt	Authorised: M.Graham
Drafted: D.Pratt	Date: August 2022

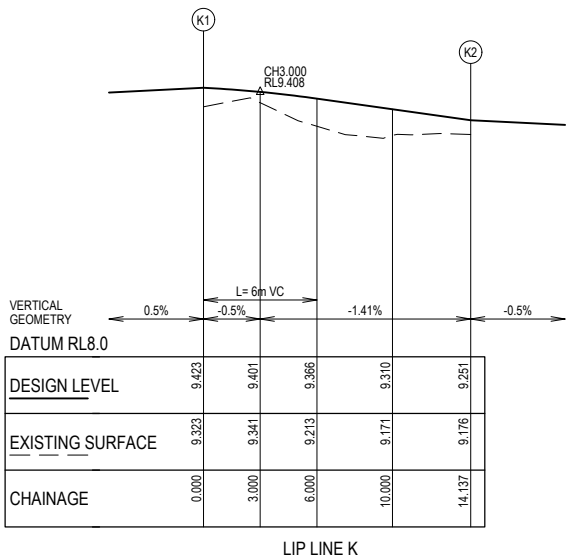
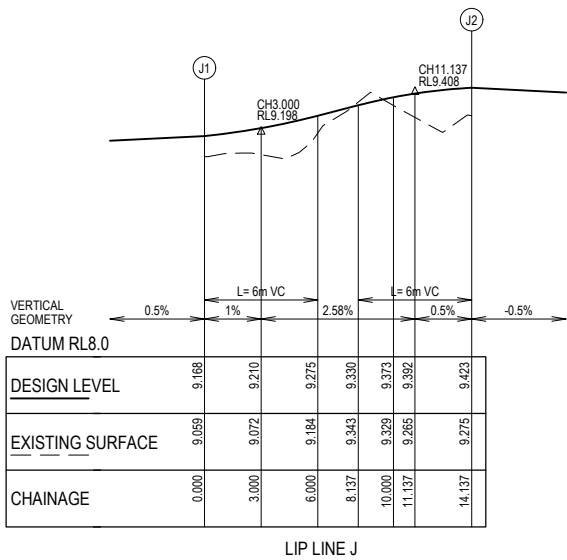
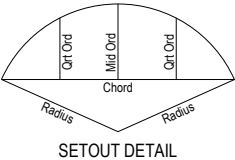
Scale @ A1: H1:200 V1:20	
H0 2 4 6 8 10 V0 0.2 0.4 0.6 0.8 1	
Drawing No. 0352-08B-R17	
Sheet 17 of 20	Rev 1



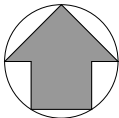
ALIGNMENT J					
POINT NO	EASTING	NORTHING	RL		
J1	270180.629	5765955.154	9.168		
J2	270188.466	5765945.125	9.423		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
J1 - J2	9.000	12.728	2.636	2.055	9.303

ALIGNMENT K					
POINT NO	EASTING	NORTHING	RL		
K1	270187.687	5765938.773	9.423		
K2	270177.659	5765930.935	9.251		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
K1 - K2	9.000	12.728	2.636	2.055	9.351

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works.
DIAL 1100 BEFORE YOU DIG
www.1100.com.au



Rev	Amendment	Des/Dft	App'd	Date	Legend	
A	Initial Issue	GP/DP	MG	09/08/22	Existing Drainage	— H —> — Ex D —>
1	Approved for construction	GP/DP	MG	28/10/22	Existing Sewer	— O —> — Ex S —>
					Existing Gas	— Ex G —>
					Existing Electricity U/G	— Ex E —>
					Existing Electricity O/H	— OH E —>
					Existing Communications	— Ex T —>
					Existing Drinking Water	— Ex DW —>
					Existing Non Drinking Water	— Ex NDW —>
					Pavement Treatment	— RRPM —>



Principal

HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

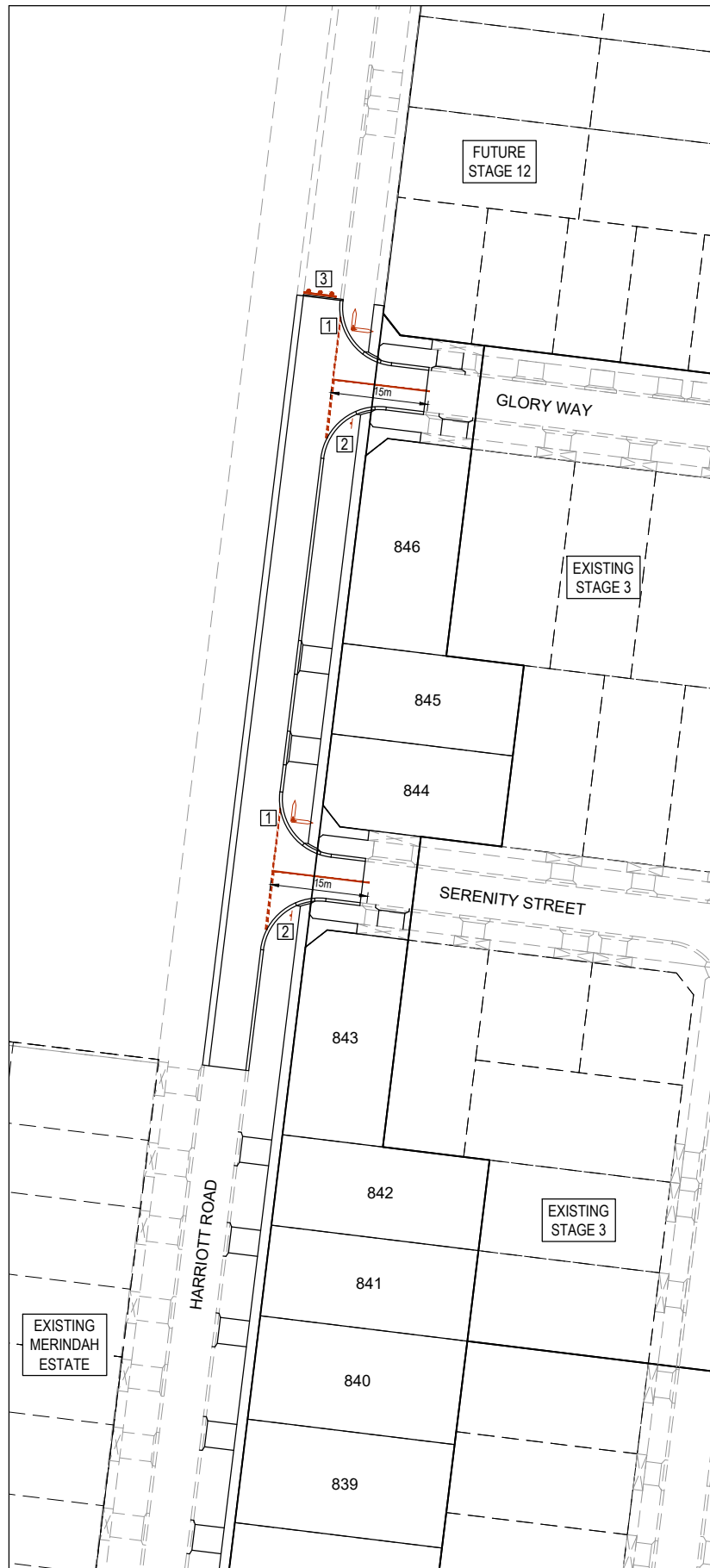
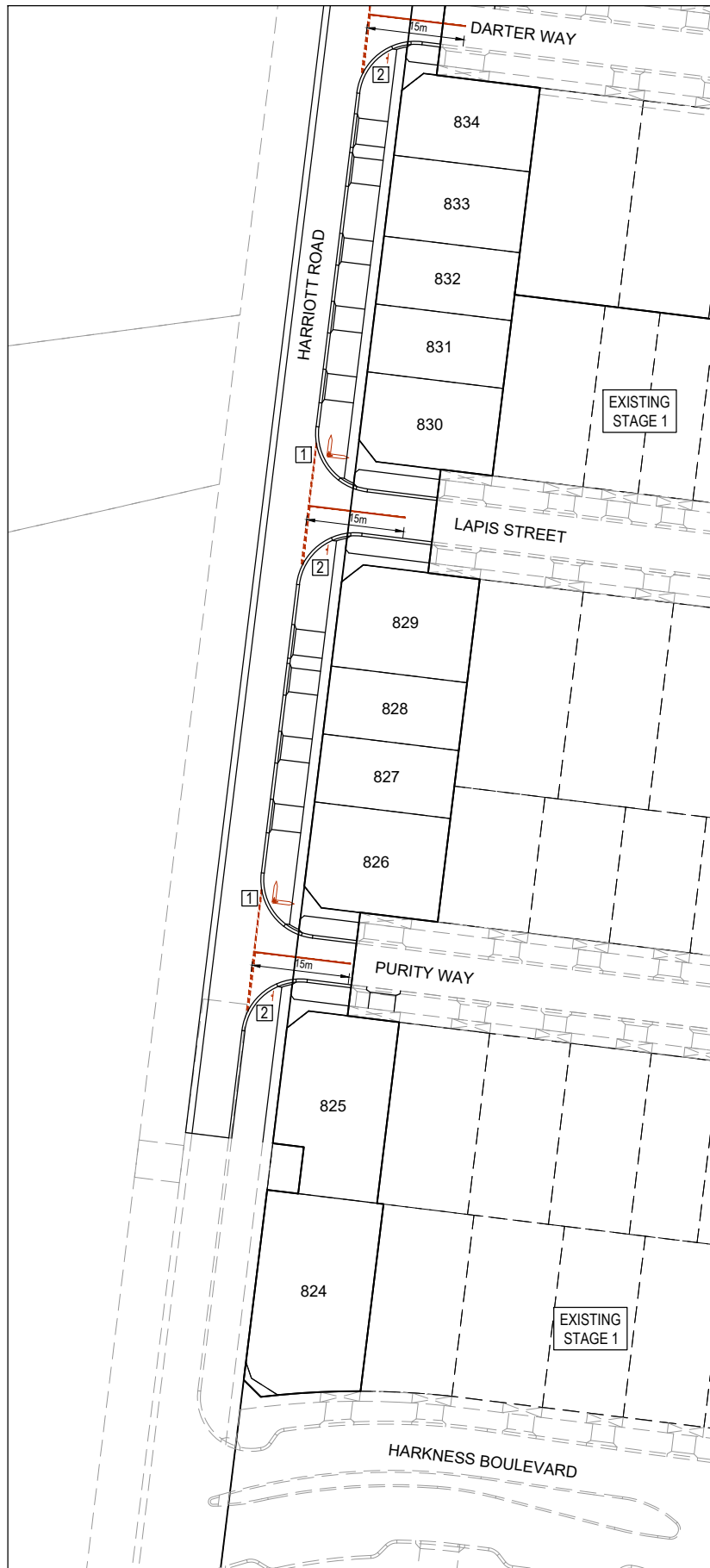
GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jellis Road
Whealers Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

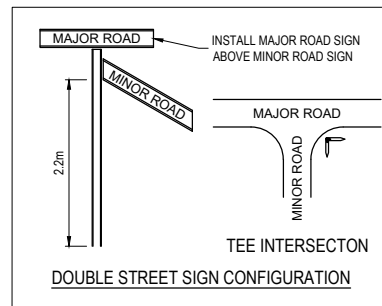
Council	City of Greater Geelong	Scale @ A1:	H1:200 V1:20
Project	Harriott at Armstrong Creek Stage 8B	H0	2 4 6 8 10 V0 0.2 0.4 0.6 0.8 1
Title	Intersection Details Sheet 3 of 3	Drawing No.	0352-08B-R18
Designed: G.Pratt	Authorised: M.Graham	Sheet	18 of 20
Drafted: D.Pratt	Date: August 2022	Rev	1

FOR CONTINUATION REFER BELOW RIGHT

FOR CONTINUATION REFER BELOW RIGHT



SIGN SCHEDULE		
SIGN	REF	QUANTITY
	1	REFER TABLE
	2	5
	3	1
G9-20 & D4-5		



STREET SIGN SCHEDULE	
STREET	QUANTITY
DARTER WAY	1
GLORY WAY	1
HARRIOTT RD	5
LAPIS ST	1
PURITY WAY	1
SERENITY ST	1

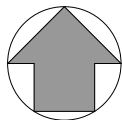
NOTE: RRPMS
RRPM'S ARE TO BE EVENLY SPACED AT A MAXIMUM OF 6.0m.

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works.
DIAL 1100 BEFORE YOU DIG
www.1100.com.au

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Street Sign
1	Approved for construction	GP/DP	MG	28/10/22	Sign
					RRPM

FOR CONTINUATION REFER ABOVE LEFT

FOR CONTINUATION REFER ABOVE LEFT



Principal
HARRIOTT
AT ARMSTRONG CREEK
Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

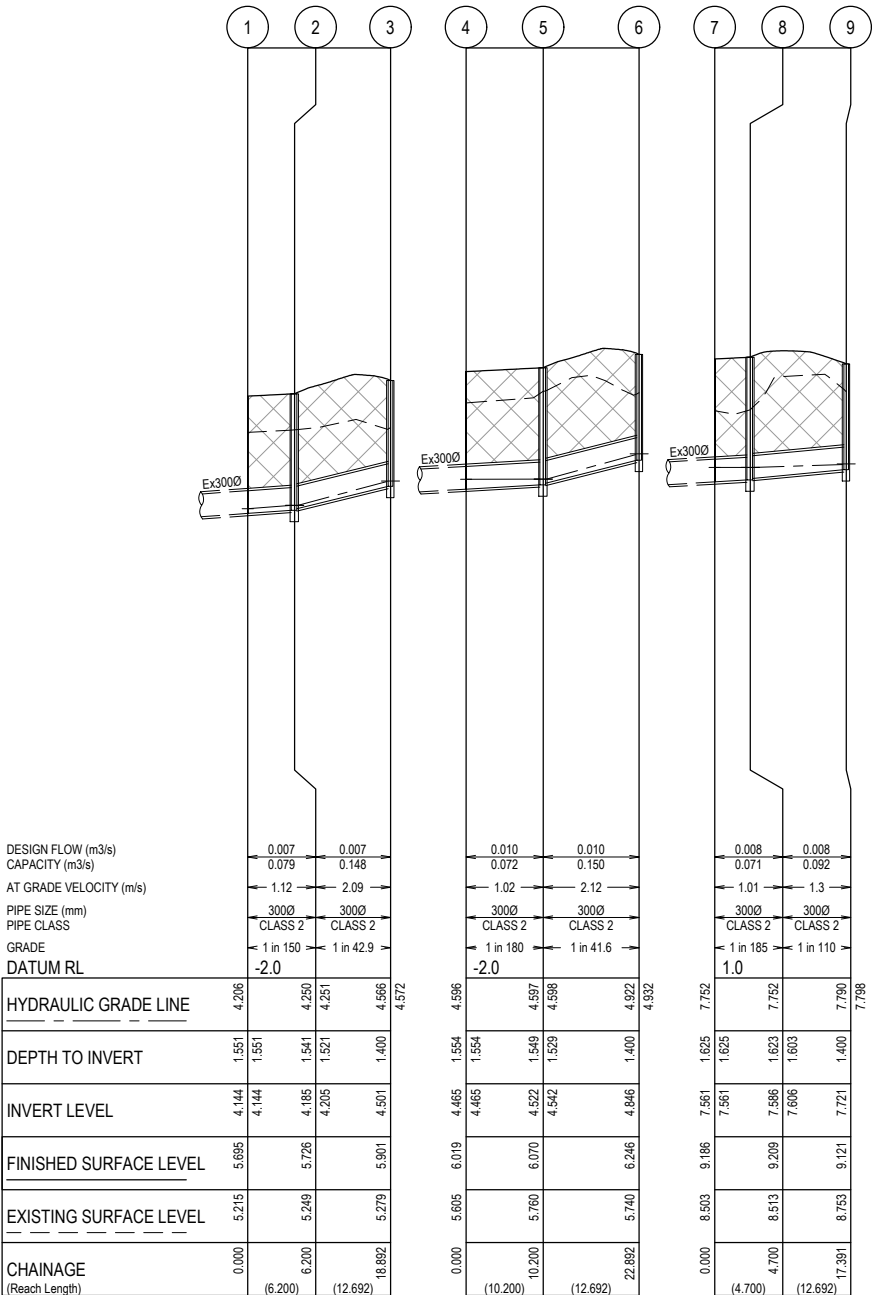
GPR Consulting
GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jells Road
Wheeler Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

Council City of Greater Geelong
Project **Harriott at Armstrong Creek Stage 8B**
Title Signage & Linemarking Plan
Designed: G.Pratt
Drafted: D.Pratt
Authorised: M.Graham
Date: August 2022

Scale @ A1: 1:500
0 5 10 15 20 25
Drawing No. **0352-08B-R19**
Sheet 19 of 20
Rev **1**

NOTE: STORMWATER PIPES

1. ALL STORMWATER PIPES ARE TO BE CLASS 2 WITH RUBBER RINGED JOINTS UNLESS NOTED OTHERWISE.
2. STORMWATER PIPES UNDER ROAD PAVEMENTS, DRIVEWAYS, FOOTPATHS, PARKING BAYS AND BEHIND KERB AND CHANNEL TO BE BACKFILLED WITH 20MM CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED IN MAXIMUM 150MM LAYERS.
3. STORMWATER PIPES UNDER ROADS ARE TO HAVE 2% STABILISED SAND EMBEDMENT TO SPRINGLINE.



PIT SCHEDULE													
PIT No.	TYPE	LOCATION		INTERNAL		INLET		OUTLET		COVER LEVEL	PIT DEPTH	STD DWG	REMARKS
		EASTING	NORTHING	WIDTH	LENGTH	DIA.	INV R.L.	DIA.	INV R.L.				
1	EXISTING END PIPE	270146.442	5765546.527			300	4.144	300	4.144	5.695	1.551		CONNECT TO END PIPE
2	JUNCTION PIT	270140.288	5765547.281	600	900	300	4.205	300	4.185	5.726	1.541	SD 420	
3	SIDE ENTRY PIT	270132.581	5765557.143	600	900			300	4.501	5.901	1.400	SD 430	
4	EXISTING END PIPE	270158.810	5765614.527			300	4.465	300	4.465	6.019	1.554		CONNECT TO END PIPE
5	JUNCTION PIT	270148.685	5765615.768	600	900	300	4.542	300	4.522	6.070	1.549	SD 420	
6	SIDE ENTRY PIT	270140.978	5765625.630	600	900			300	4.846	6.246	1.400	SD 430	
7	EXISTING END PIPE	270184.568	5765869.789			300	7.561	300	7.561	9.186	1.625		CONNECT TO END PIPE
8	JUNCTION PIT	270179.903	5765870.361	600	900	300	7.606	300	7.586	9.209	1.623	SD 420	
9	SIDE ENTRY PIT	270172.196	5765880.223	600	900			300	7.721	9.121	1.400	SD 430	
10	EXISTING JUNCTION PIT			1200	900	750	2.561	750	2.561	5.799	3.238		ADJUST COVER LEVEL AND PLACE CLASS D COVER (EXISTING COVER RL5.412)
11	EXISTING JUNCTION PIT			1200	900	750	2.627	750	2.627	5.808	3.181		ADJUST COVER LEVEL AND PLACE CLASS D COVER (EXISTING COVER RL5.376)
12	EXISTING JUNCTION PIT			1200	900	675	3.036	750	2.961	6.208	3.247		ADJUST COVER LEVEL AND PLACE CLASS D COVER (EXISTING COVER RL5.915)

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	09/08/22	Existing Surface — — — —
1	Approved for construction	GP/DP	MG	28/10/22	Design Surface — — — —
					Future Design Surface — — — —
					Existing Drain — — — —
					Proposed Drain — — — —
					Hydraulic Grade Line — — — —
					Retaining Wall — — — —
					Crushed Rock Backfill — — — —
					Rock Beaching — — — —

Principal

HARRIOTT
AT ARMSTRONG CREEK

Jinding Australia
Level 53, 525 Collins Street
Melbourne Vic 3000

GPR Consulting

GPR Consulting Pty Ltd
ABN 98 140 136 205
Suite 217, 202 Jellis Road
Whealers Hill Vic 3150
Telephone 0456 634 727
© GPR Consulting Pty Ltd

Council City of Greater Geelong

Project **Harriott at Armstrong Creek Stage 8B**

Title Drainage Longitudinal Sections & Pit Schedule

Designed: G.Pratt Authorised: M.Graham

Drafted: D.Pratt Date: August 2022

Scale @ A1: H1:500 V1:50

H 0 5 10 15 20 25
V 0 0.5 1 1.5 2 2.5

Drawing No. **0352-08B-R20**

Sheet 20 of 20 Rev **1**