

Harriott at Armstrong Creek

Stage 6



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 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

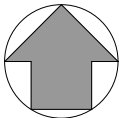
- The contractor shall co-operate with all service authorities and shall ensure that all services are installed prior to the final pavement course.
- All service trenches under road pavements, vehicle crossings and footpaths to be backfilled with crushed rock in accordance with Council's specification.
- 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		0352-05-R01
Layout Plan		0352-05-R02
Allotment Benching Plan		0352-05-R03
Pavement Compositions & Details		0352-05-R04
Typical Sections		0352-05-R05
Road Longitudinal Sections	Amphitrite Way	0352-05-R06
	Galene Drive	0352-05-R06
	Tranquility Crescent	0352-05-R07
	Ungud Way	0352-05-R07
Cross Sections	Amphitrite Way	0352-05-R08
	Galene Drive	0352-05-R09 to R11
	Tranquility Crescent	0352-05-R12 to R13
	Ungud Way	0352-05-R14 to R15
Intersection Details		0352-05-R16 to R18
Signage & Linemarking Plan		0352-05-R19
Drainage Longitudinal Sections		0352-05-R20 to R22
Pit Schedule		0352-05-R23

Rev	Amendment	Des/Dft	App'd	Date
A	Initial Issue	GP/DP	MG	16/03/22
1	Approved for construction	GP/DP	MG	24/05/22
2	Road name amended	GP/DP	MG	25/08/22
3	As constructed	GP	MG	17/03/23



Principal



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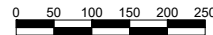


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Council City of Greater Geelong	
Project Harriott at Armstrong Creek Stage 6	
Title Locality Plan, Drawing Index & General Notes	
Designed: G.Pratt	Authorised: M.Graham
Drafted: D.Pratt	Date: February 2022

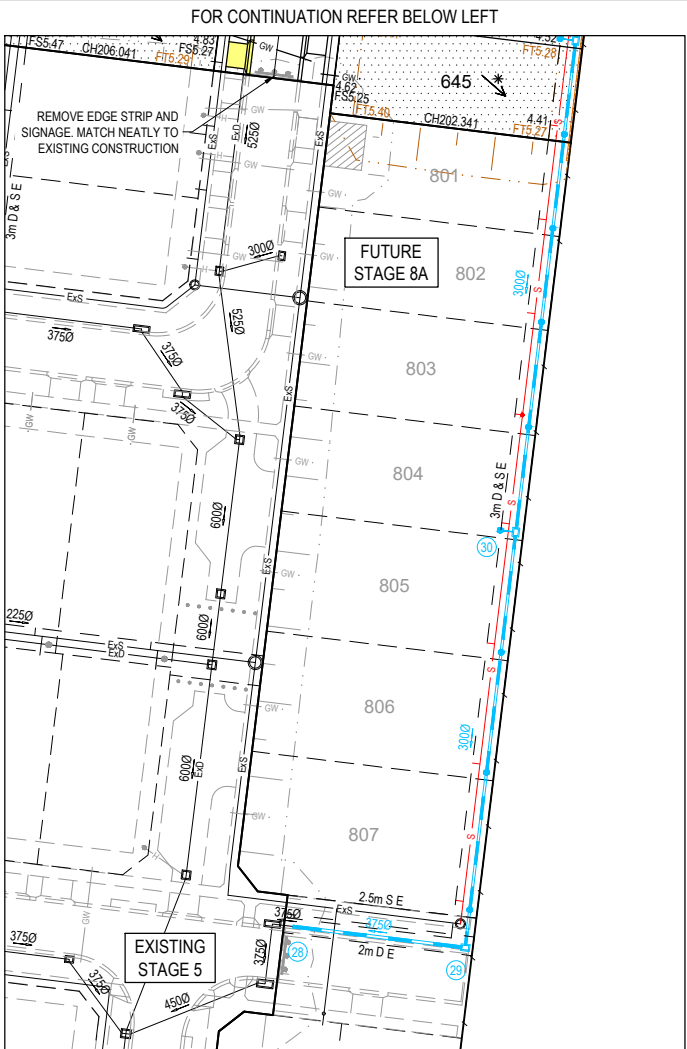
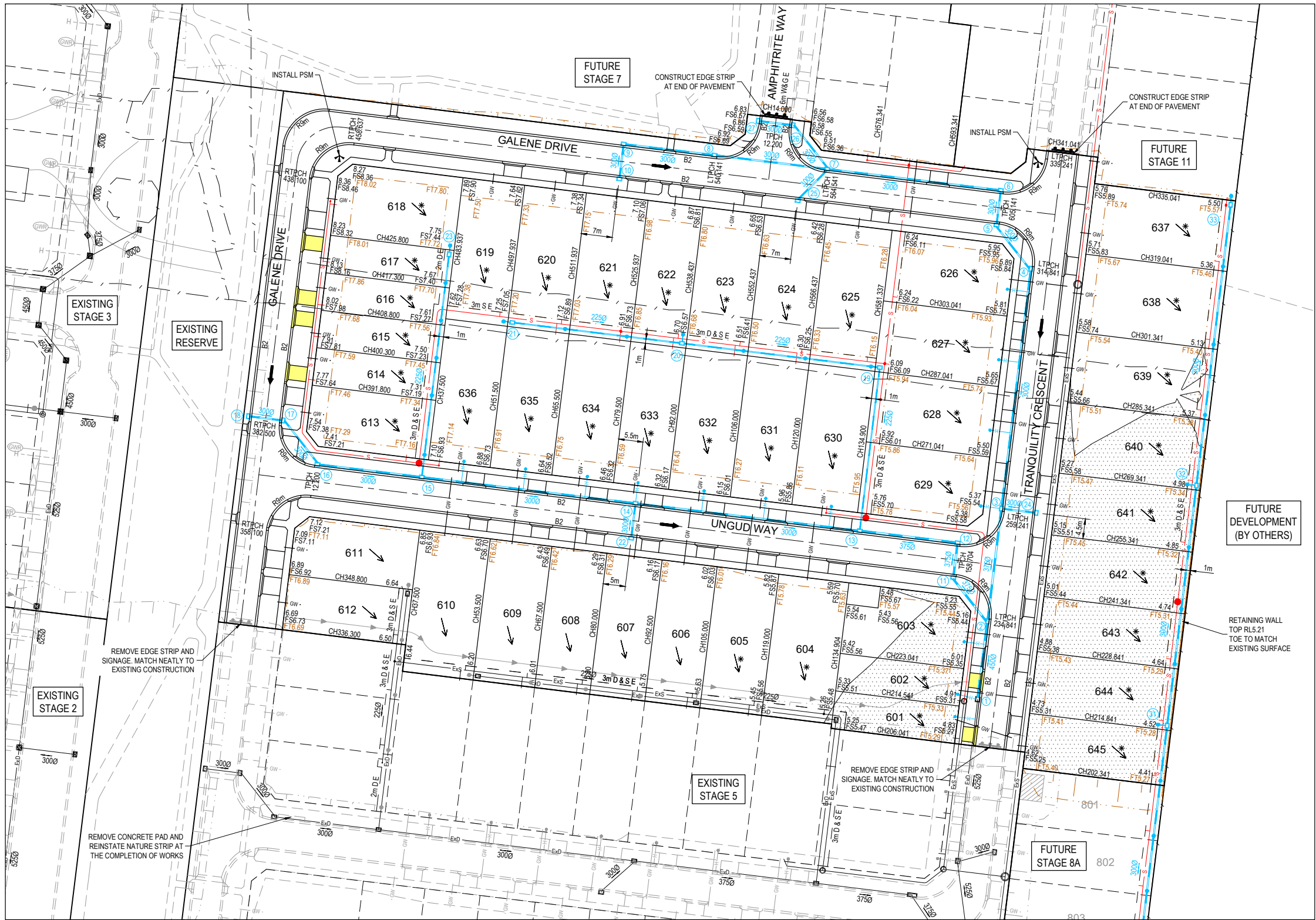
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Drawing No.
0352-06-R01

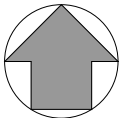
Sheet
01 of 23

Rev
3



SERVICES OFFSET SCHEDULE									
STREET NAME	ROAD RESERVE	BACK OF KERB	SEWER	GAS	NON DRINKING WATER	DRINKING WATER	COMMUNICATIONS	ELECTRICITY	LIGHT POLES
AMPHITRITE WAY	14.50	2.85 W / 4.35 E	-	2.10 E	2.60 E	3.10 E	0.55 W	1.30 W	1.95 W
GALENE DRIVE (LOT 612 TO 618)	14.50	1.35 W / 5.85 E	1.00 E	1.90 E	2.40 E	2.90 E	3.60 E	4.40 E	4.95 E
GALENE DRIVE (LOT 618 TO 623)	14.50	2.85 N / 4.35 S	-	2.10 S	2.60 S	3.10 S	0.55 N	1.30 N	1.95 N
GALENE DRIVE (LOT 623 TO 626)	16.00	4.35	1.00 N	2.10 S	2.60 S	3.10 S	2.05 N	2.80 N	3.45 N
TRANQUILITY CRESCENT (LOT 601 TO 603)	16.00	4.35	1.00 W & E	2.10 E	2.60 E	3.10 E	1.80W	2.45 W	3.45 W
TRANQUILITY CRESCENT (LOT 629 TO 626)	16.00	4.35	1.00 E	2.10 E	2.60 E	3.10 E	1.85 W	2.60 W	3.45 S
UNGUD WAY	16.00	4.35	1.00 N	2.10 N	2.60 N	3.10 N	1.85 S	2.60 S	3.45 S

Rev	Amendment	Des/Dft	App'd	Date	Legend				
A	Initial Issue	GP/DP	MG	16/03/22	Existing Drainage	— H —	Ex D —	Drainage	— H —
1	Approved for construction	GP/DP	MG	24/05/22	Existing Sewer	— S —	Ex S —	Main Drainage	— H —
2	Road name amended	GP/DP	MG	25/08/22	Existing Gas	— G —	Ex G —	Sewer	— S —
3	Pram crossings near lot 637 removed	GP/DP	MG	11/10/22	Existing Electricity UG	— E —	Ex E —	Swale Drain	— S —
4	As constructed	GP	MG	17/03/23	Existing Electricity OH	— OH —	Ex OH —	Gas & Water Conduits	— GW —
					Existing Communications	— C —	Ex C —	Direction of Lot Fall	—>—
					Existing Drinking Water	— DW —	Ex DW —	Direction of Overland Flow	—>—
					Existing Non Drinking Water	— NDW —	Ex NDW —	Allotment to be Evenly Graded	—>—
					Existing Swale Drain	— SD —	Ex SD —	Vehicle Crossings	—>—



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Council City of Greater Geelong
Project **Harriott at Armstrong Creek Stage 6**
Title Layout Plan
Designed: G.Pratt
Drafted: D.Pratt
Authorised: M.Graham
Date: February 2022

Scale @ A1: 1:500
0 5 10 15 20 25
Drawing No. **0352-06-R02**
Sheet 02 of 23
Rev **4**

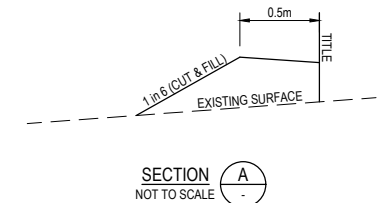
VEHICLE CROSSINGS		
STANDARD VEHICLE CROSSINGS ARE TO BE 4.0m WIDE OFFSET 1.0m FROM THE SIDE BOUNDARY		
NON STANDARD VEHICLE CROSSINGS ARE TO BE LOCATED AS PER BELOW		
LOT	WIDTH (m)	OFFSET (m)
601	3.3	0.75
602	3.3	0.75
614	3.3	0.60
615	3.3	0.75
616	3.3	0.75
617	3.3	0.60

NOTE: HOUSE DRAINS
HOUSE DRAIN TO LOTS 601 & 602 TO BE CONNECTED TO EXISTING DRAINAGE.

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.

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



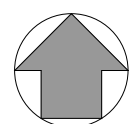
- NOTES: RETAINING WALL**
1. REFER TO STRUCTURAL PLANS FOR DETAILS OF RETAINING WALLS.
 2. A BUILDING PERMIT IS TO BE PROVIDED TO THE SUPERINTENDENT PRIOR TO CONSTRUCTION.
 3. CERTIFICATION FROM A QUALIFIED STRUCTURAL ENGINEER IS REQUIRED POST CONSTRUCTION.
 4. PIERS TO ALIGN WITH TITLE BOUNDARIES ALONG HIGH SIDE OF WALL.

- NOTES: WALL SUBSOIL DRAIN**
1. NO SUBSOIL DRAINS ARE TO CROSS A TITLE BOUNDARY.
 2. HIGH SIDE LOTS ARE TO CONNECT TO THE PROPERTY INLET IN THE LOW CORNER.
 3. LOW SIDE LOTS ARE TO CONNECT TO THE HOUSE DRAIN AT THE FRONT.

- NOTES: SEWERS**
1. REFER TO STANDARD DRAWING MRWA-S-209 FOR REQUIREMENTS OF SEWERS IN THE VICINITY OF RETAINING WALLS.
 2. PIERS ARE TO BE LOCATED SO THE SEWER CROSSING OF THE WALL IS CENTRALLY BETWEEN PIERS WITH A MINIMUM 0.4m CLEARANCE.

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Rev	Amendment	Des/Dft	App'd	Date	Legend	
A	Initial Issue	GP/DP	MG	16/03/22	Drain & Property Inlet	Existing Surface Level at Title
1	Approved for construction	GP/DP	MG	24/05/22	House Drain	Finished Surface at Title
2	Road name amended	GP/DP	MG	25/08/22	Sewer	Level at Top/Toe of Batter/Ridge
3	Pram crossings near lot 637 removed	GP/DP	MR	11/10/22	Swale Drain	Top of Wall Level
4	As constructed	GP	MG	17/03/23	Existing Drain	Bottom of Wall Level
					Existing House Drain	Design Contours
					Existing Sewer	Existing Contours
					Existing Swale Drain	Batter
					Vehicle Crossings	Ridge



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Project **Harriott at Armstrong Creek Stage 6**
Title Allotment Benching Plan
Designed: G.Pratt
Drafted: D.Pratt
Authorised: M.Graham
Date: February 2022

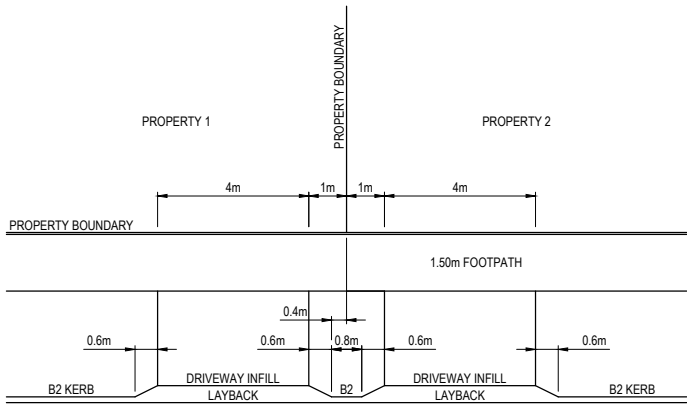
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Sheet 03 of 23
Rev **4**

PAVEMENT COMPOSITIONS

AMPHITRITE WAY, TRANQUILITY CRESCENT & UNGUD WAY		
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	150	TYPE A CAPPING MATERIAL OR APPROVED EQUIVALENT (REFER NOTES)
TOTAL DEPTH	450	SUBGRADE IMPROVEMENT AS DIRECTED BY THE SUPERINTENDENT (CBR≥2%)

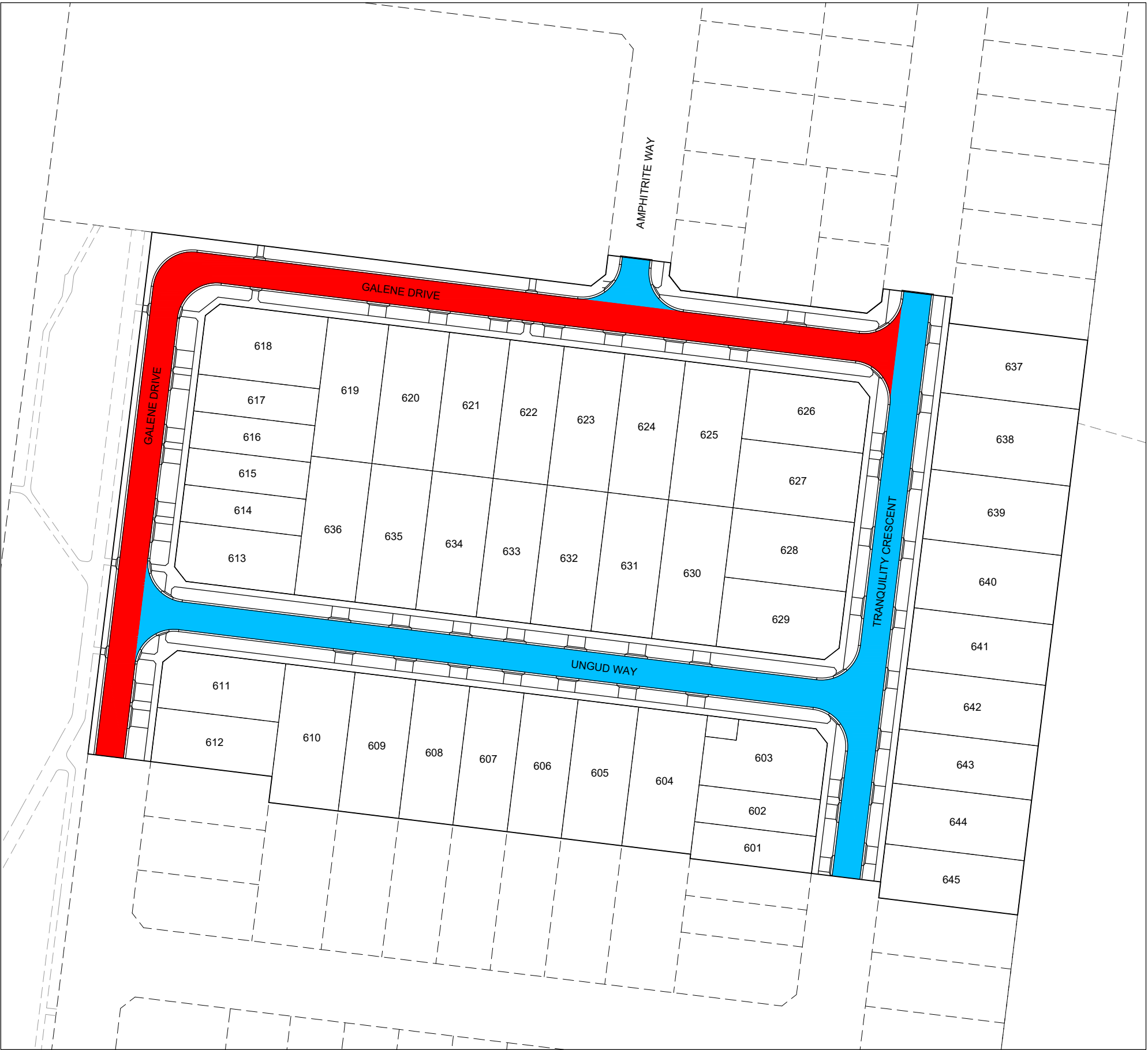
GALENE DRIVE		
WEARING COURSE ASPHALT	30	SIZE 10 TYPE N ASPHALT (CLASS 170 BINDER)
		PRIME COAT
BASE	160	SIZE 20 CLASS 2 FINE CRUSHED ROCK (COMPACTED TO 99% MODIFIED)
SUBBASE	120	SIZE 20 CLASS 3 FINE CRUSHED ROCK (COMPACTED TO 98% MODIFIED)
CAPPING LAYER	200	TYPE A CAPPING MATERIAL OR APPROVED EQUIVALENT (REFER NOTES)
TOTAL DEPTH	510	SUBGRADE IMPROVEMENT AS DIRECTED BY THE SUPERINTENDENT (CBR≥2%)

- NOTES:
- REFER TO DOUGLAS PARTNERS GEOTECHNICAL REPORT (REFERENCE 87044.02 R.001 AND R.002)
 - CAPPING LAYER MATERIAL TO COMPLY WITH THE FOLLOWING:
 - CBR ≥ 8%
 - SWELL ≤ 1.0
 - PERMEABILITY $K \leq 5 \times 10^{-9}$ m/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).



Rev	Amendment	Des/Dft	App'd	Date
A	Initial Issue	GP/DP	MG	16/03/22
1	Approved for construction	GP/DP	MG	24/05/22
2	Road name amended	GP/DP	MG	25/08/22
3	Pram crossings near lot 637 removed	GP/DP	MR	11/10/22
4	As constructed	GP	MG	17/03/23

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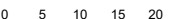
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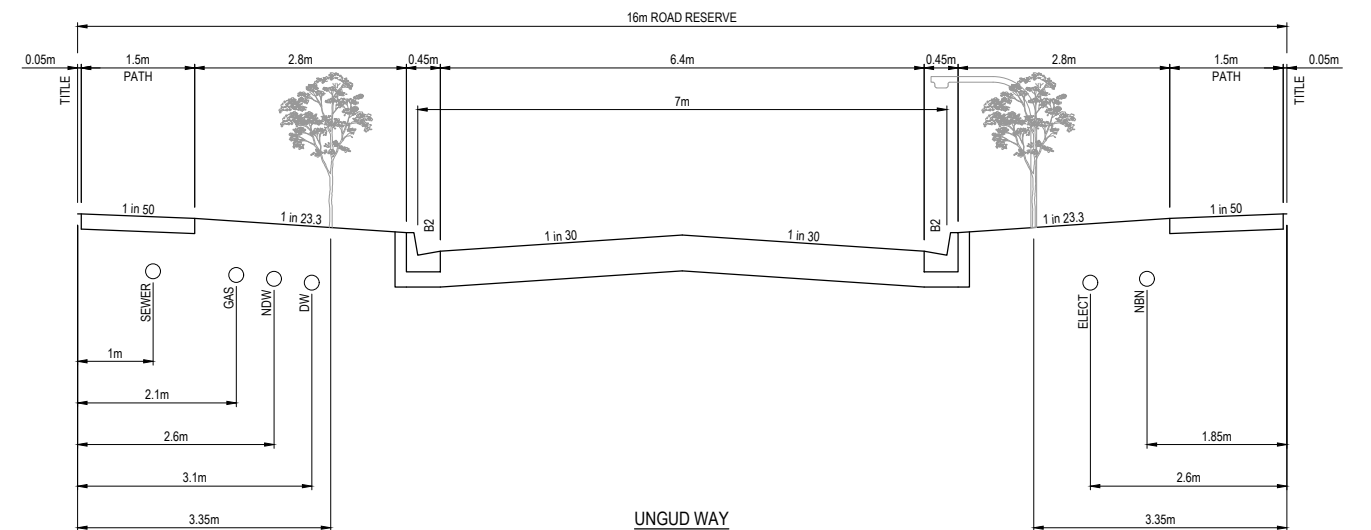
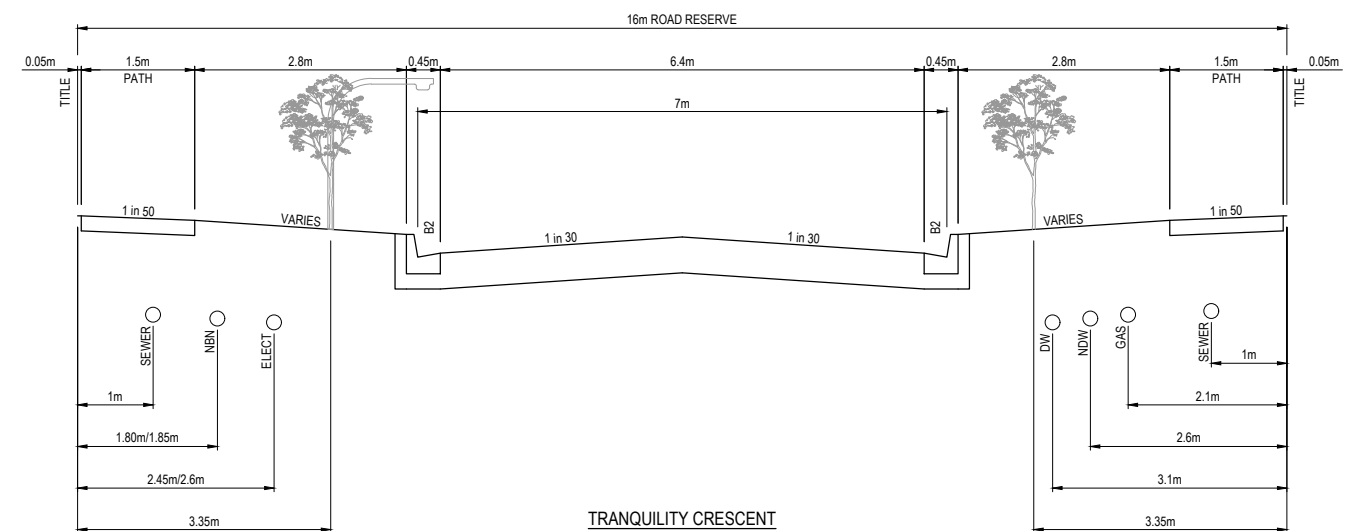
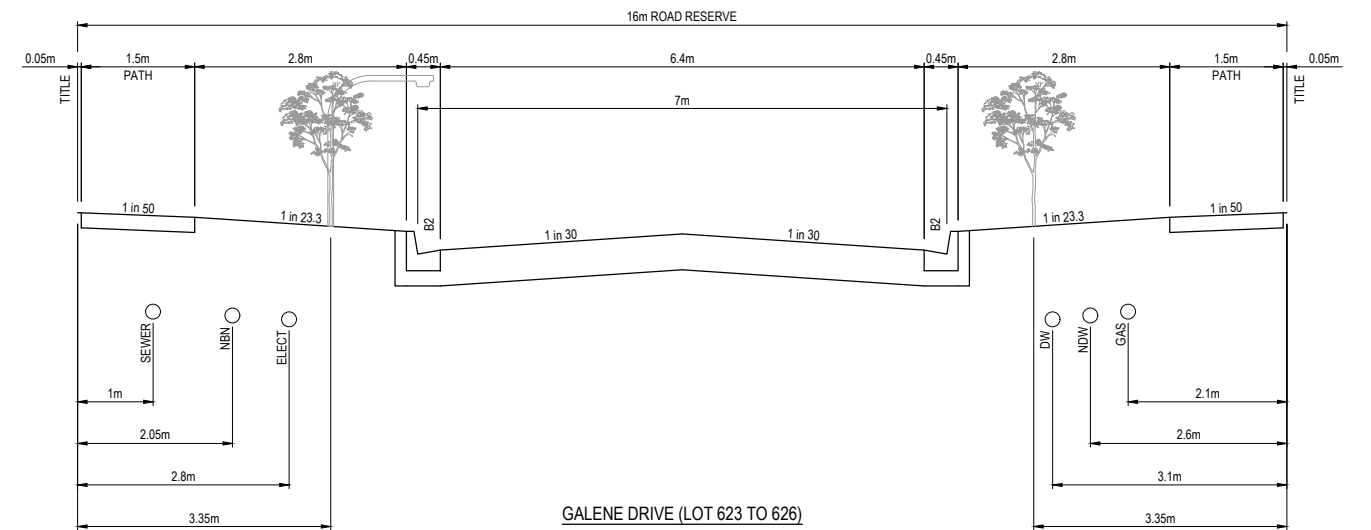
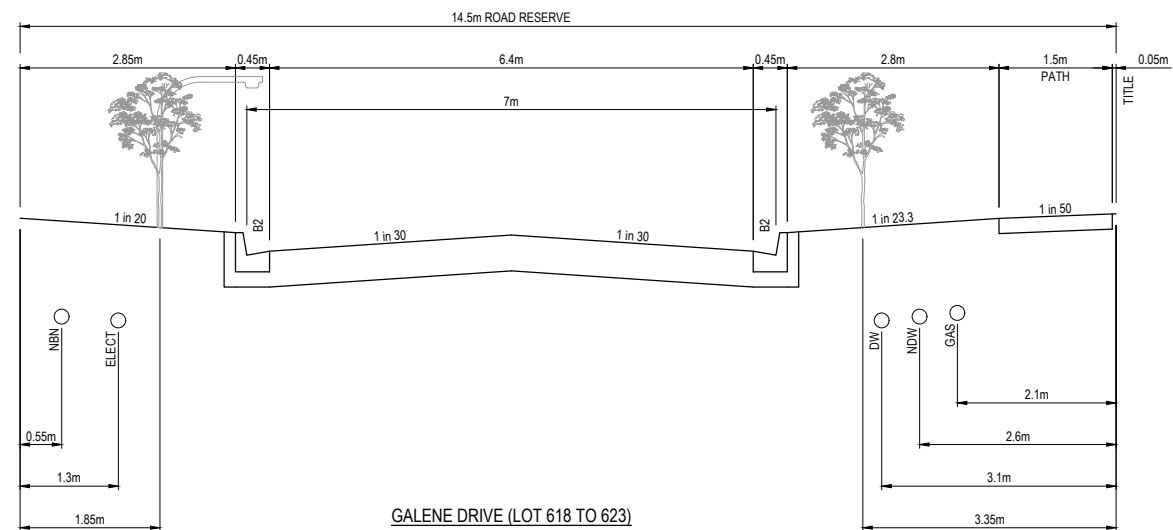
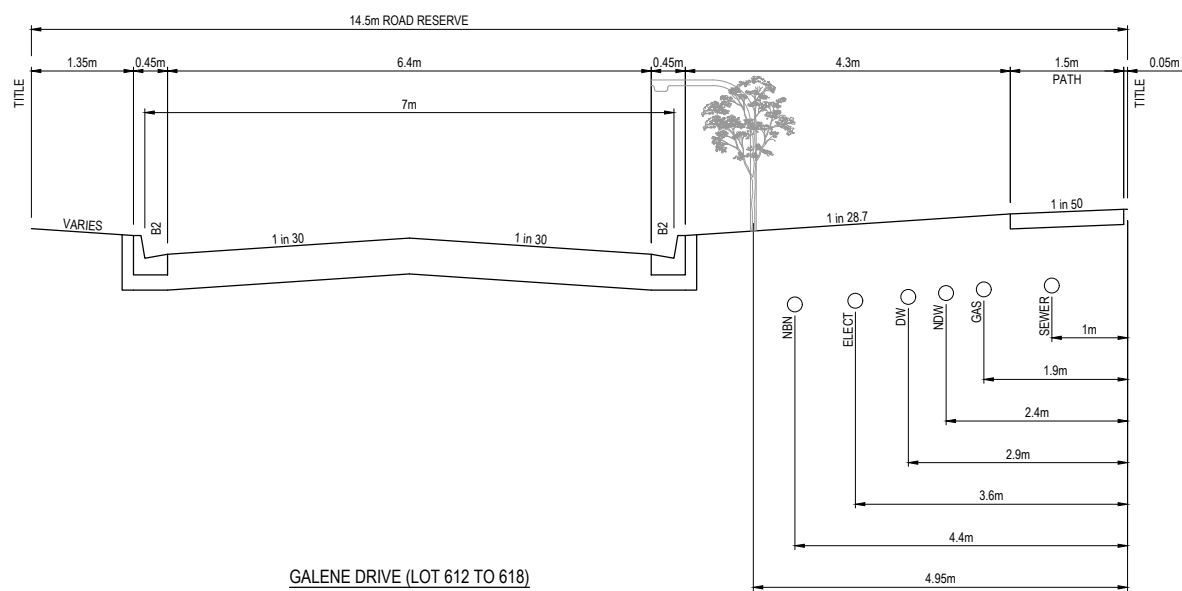
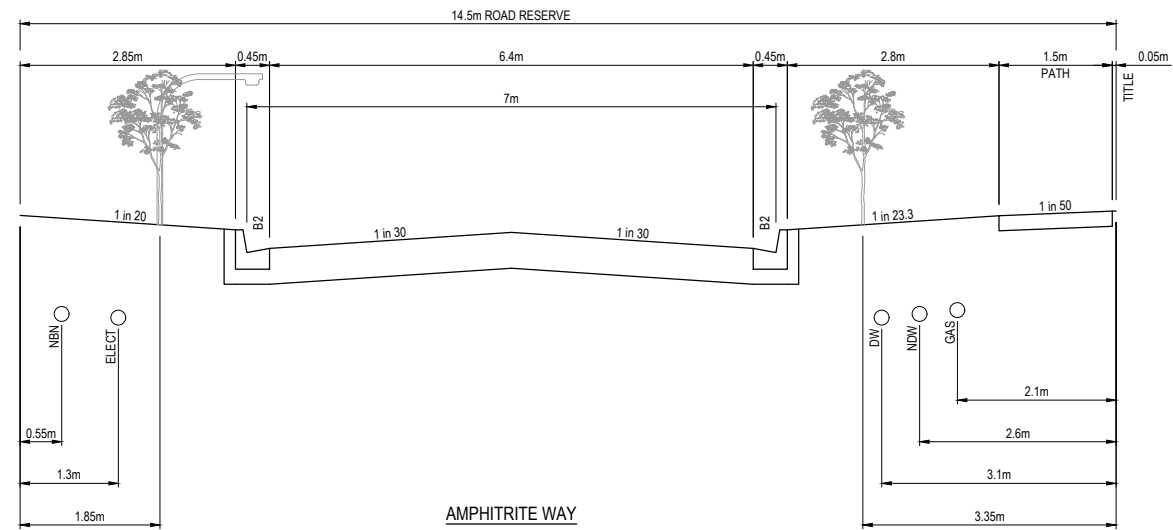
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Council	City of Greater Geelong	
Project	Harriott at Armstrong Creek Stage 6	
Title	Pavement Compositions & Details	
Designed:	G.Pratt	Authorised: M.Graham
Drafted:	D.Pratt	Date: February 2022

Scale @ A1: 1:500	
	
Drawing No.	
0352-06-R04	
Sheet	Rev
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Rev	Amendment	Des/Dft	App'd	Date
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1	Approved for construction	GP/DP	MG	24/05/22
2	Road name amended	GP/DP	MG	25/08/22
3	As constructed	GP	MG	17/03/23

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Project **Harriott at Armstrong Creek Stage 6**

Title **Typical Sections**

Designed: G.Pratt Authorised: M.Graham

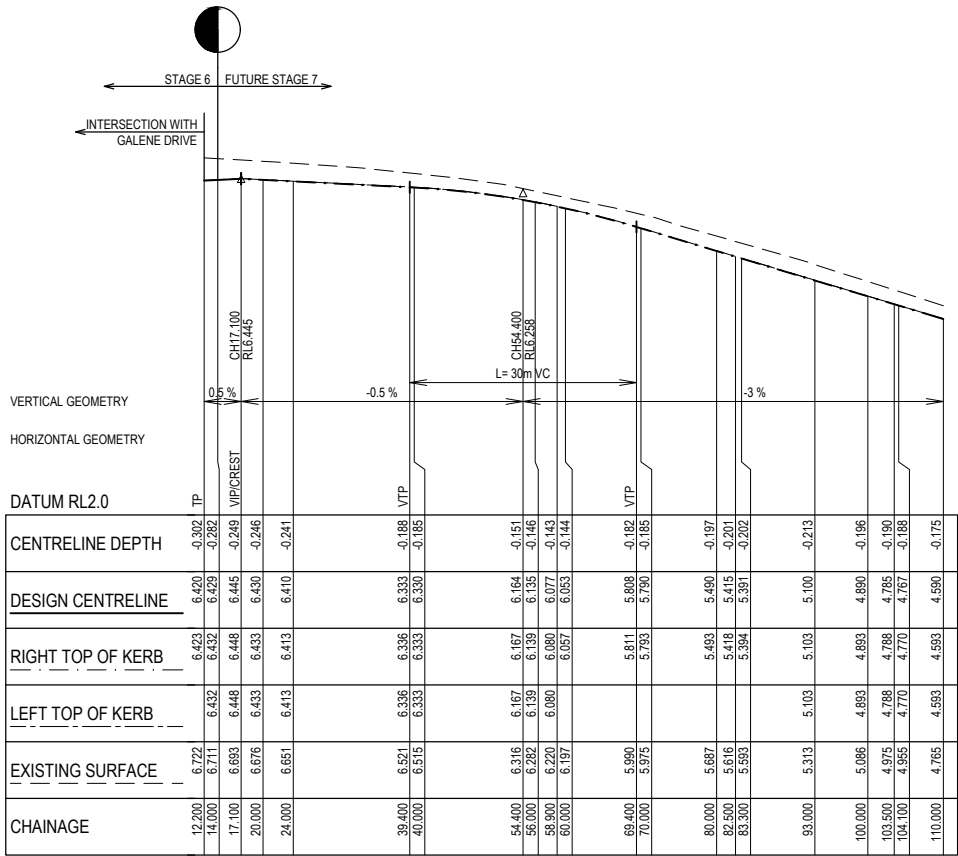
Drafted: D.Pratt Date: February 2022

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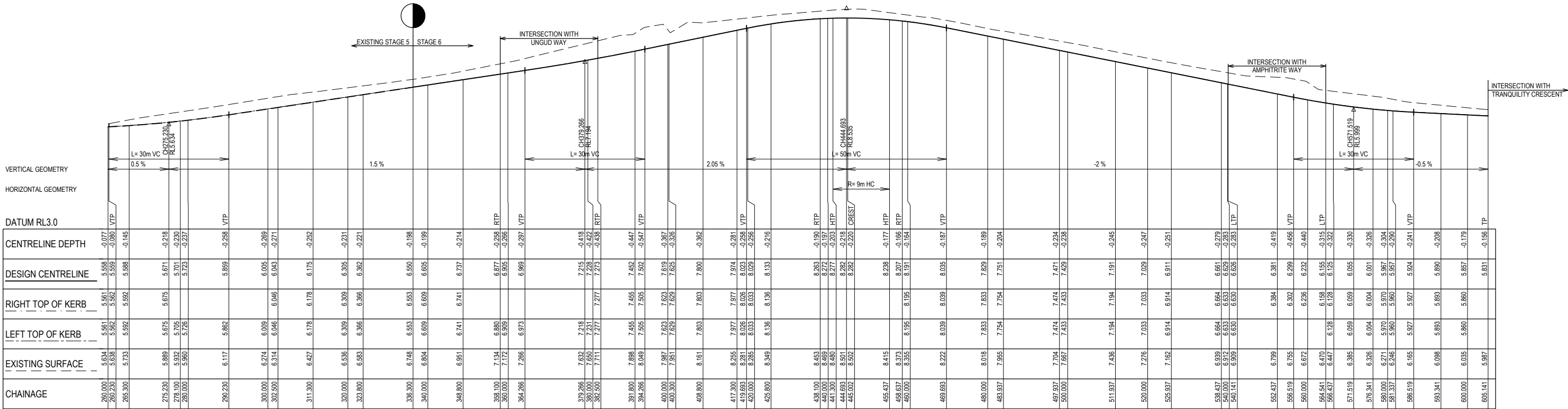
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V 0 0.25 0.5 0.75 1 1.25

Drawing No. **0352-06-R05**

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AMPHITRITE WAY LONGITUDINAL SECTION



GALENE DRIVE LONGITUDINAL SECTION

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface
1	Approved for construction	GP/DP	MG	24/05/22	Design Line
2	Road name amended	GP/DP	MG	25/08/22	Existing Design Line
3	As constructed	GP	MG	17/03/23	Future Design Line
					Left Back of Kerb
					Right Back of Kerb

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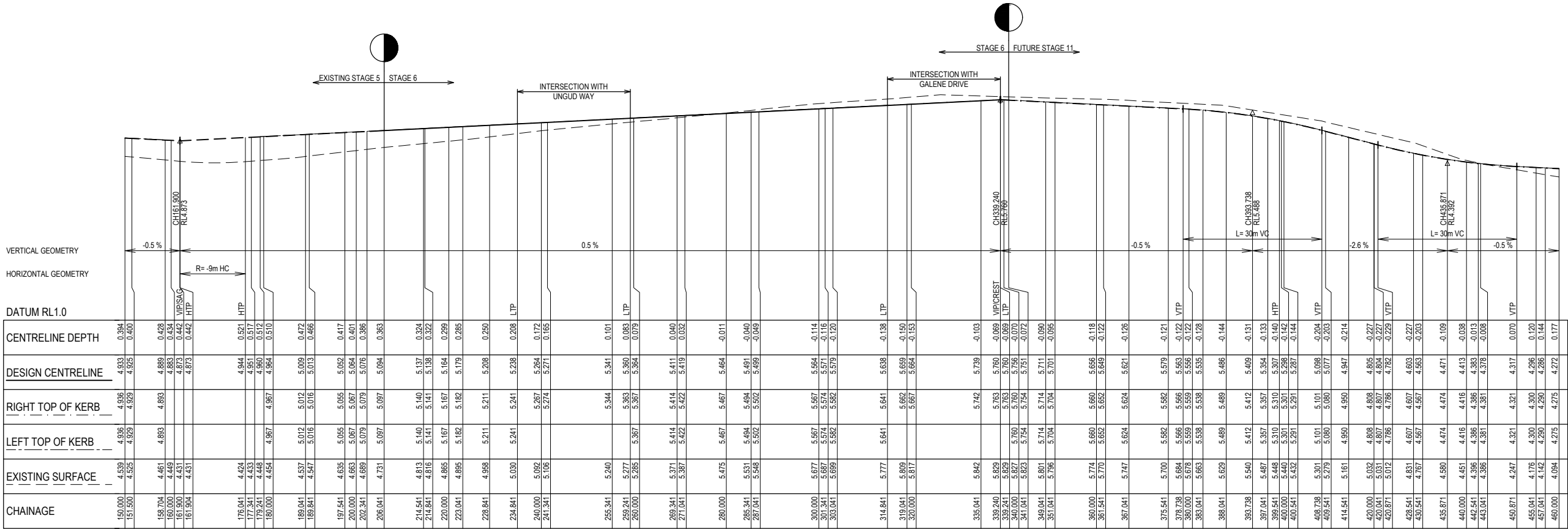
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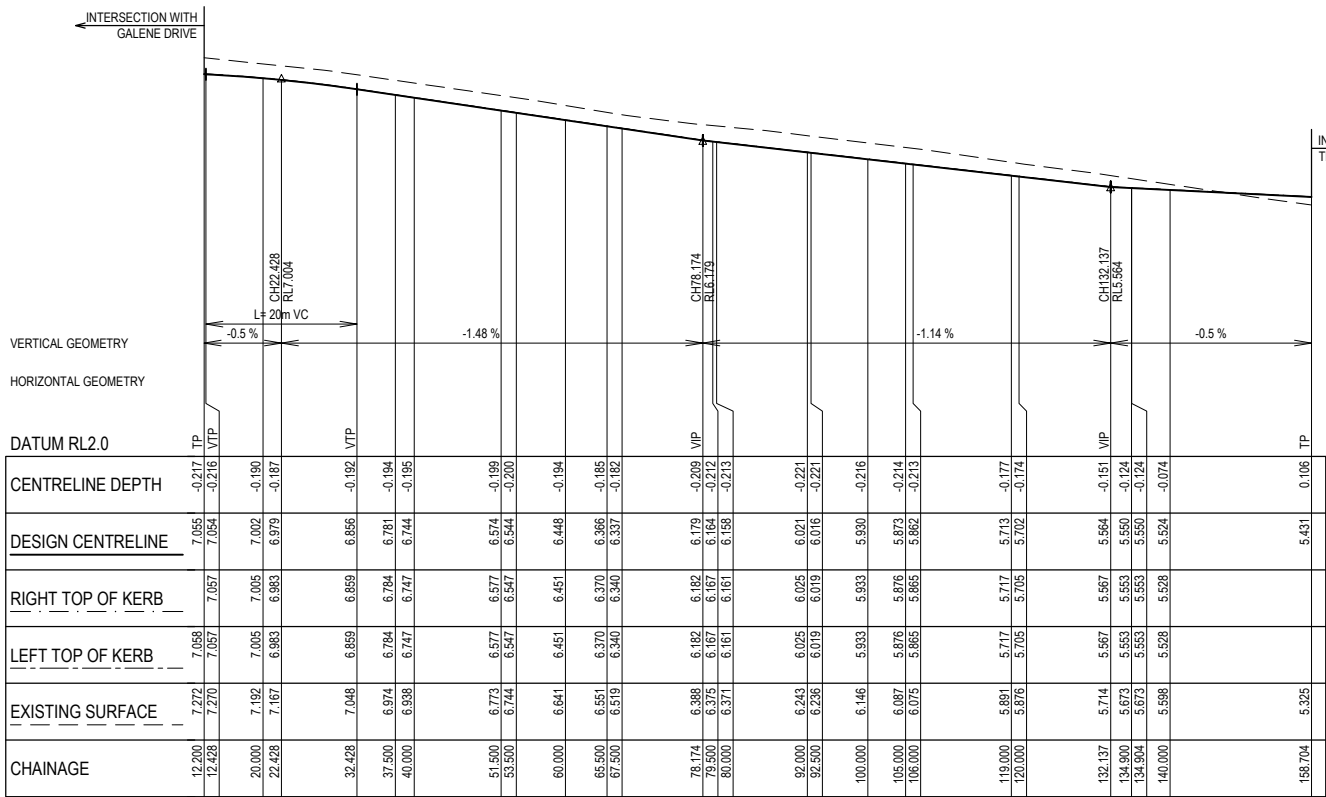
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Council	City of Greater Geelong
Project	Harriott at Armstrong Creek Stage 6
Title	Longitudinal Sections Sheet 1 of 2
Designed: G.Pratt	Authorised: M.Graham
Drafted: D.Pratt	Date: February 2022

Scale @ A1: H1:500 V1:50	
	
Drawing No.	
0352-06-R06	
Sheet	Rev
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TRANQUILITY CRESCENT LONGITUDINAL SECTION



UNGUD WAY LONGITUDINAL SECTION

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface — — — —
1	Approved for construction	GP/DP	MG	24/05/22	Design Line —————
2	Road name amended	GP/DP	MG	25/08/22	Existing Design Line - - - - -
3	As constructed	GP	MG	17/03/23	Future Design Line — — — —
					Left Back of Kerb - - - - -
					Right Back of Kerb — — — —

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Project **Harriott at Armstrong Creek
Stage 6**

Title **Longitudinal Sections
Sheet 2 of 2**

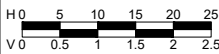
Designed: G.Pratt

Authorised: M.Graham

Drafted: D.Pratt

Date: February 2022

Scale @ A1: H1:500 V1:50



Drawing No.

0352-06-R07

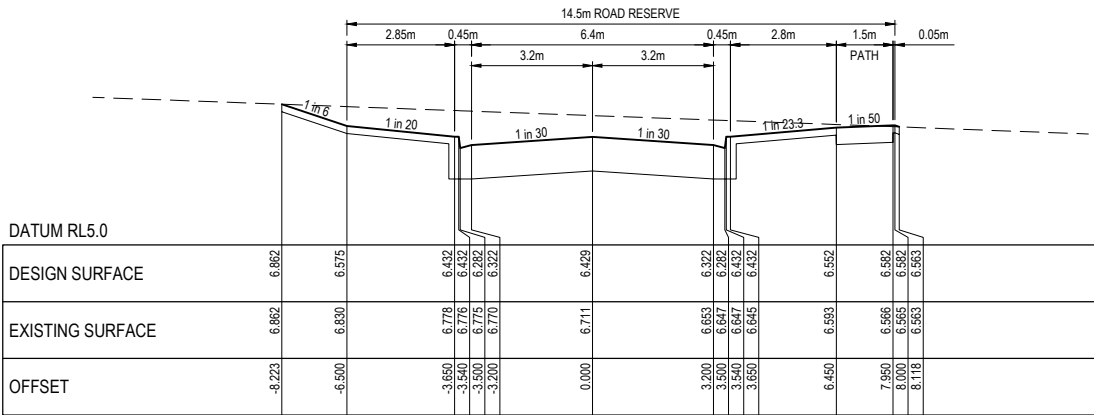
Sheet

07 of 23

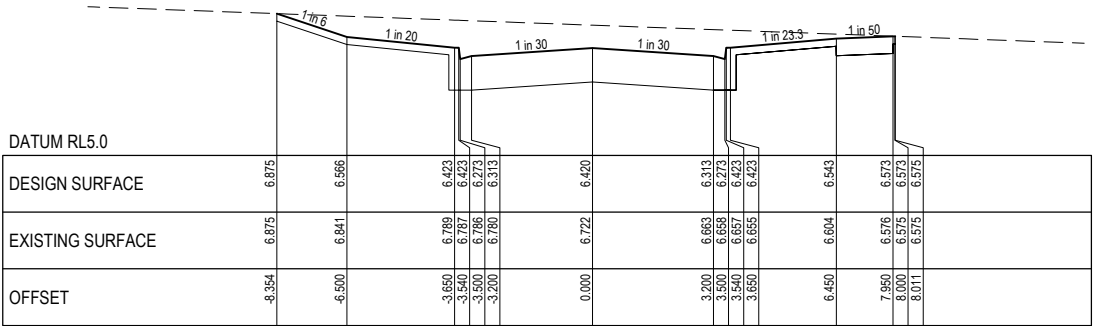
Rev

3

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 14.000



TPCH 12.200

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface — — —
1	Approved for construction	GP/DP	MG	24/05/22	Design Line ———
2	As constructed	GP	MG	17/03/23	Future Surface - - - - -
					Select Fill
					Crushed Rock

Principal

HARRIOTT
AT ARMSTRONG CREEK

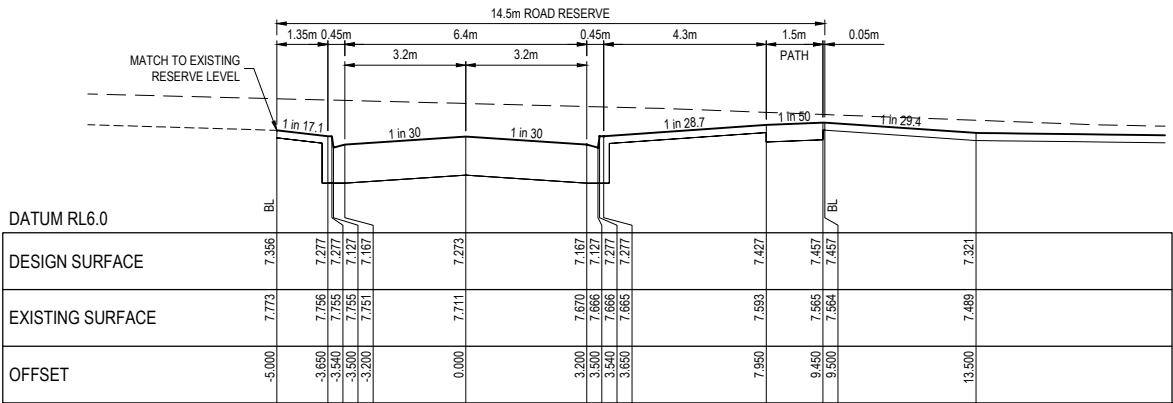
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Melbourne Vic 3000



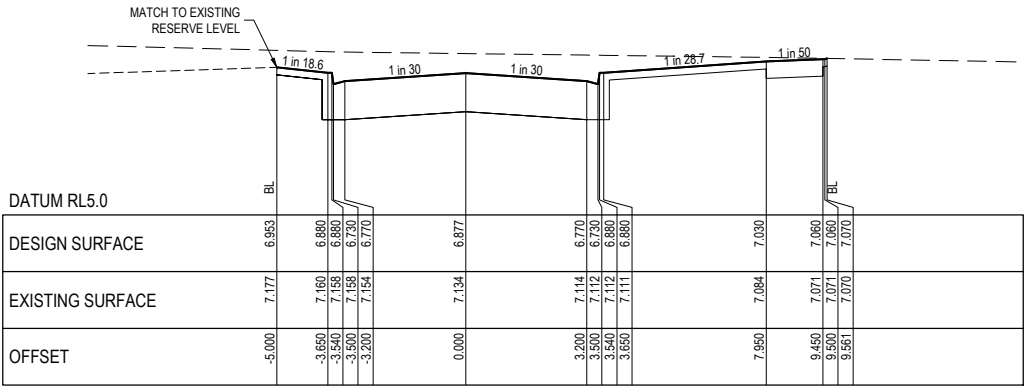
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Council	City of Greater Geelong	Scale @ A1:	H1:100 V1:50
Project	Harriott at Armstrong Creek Stage 6	H 0 1 2 3 4 5 V 0 0.5 1 1.5 2 2.5	
Title	Cross Sections Amphitrite Way	Drawing No.	0352-06-R08
Designed: G.Pratt	Authorised: M.Graham	Sheet	08 of 23
Drafted: D.Pratt	Date: February 2022	Rev	2

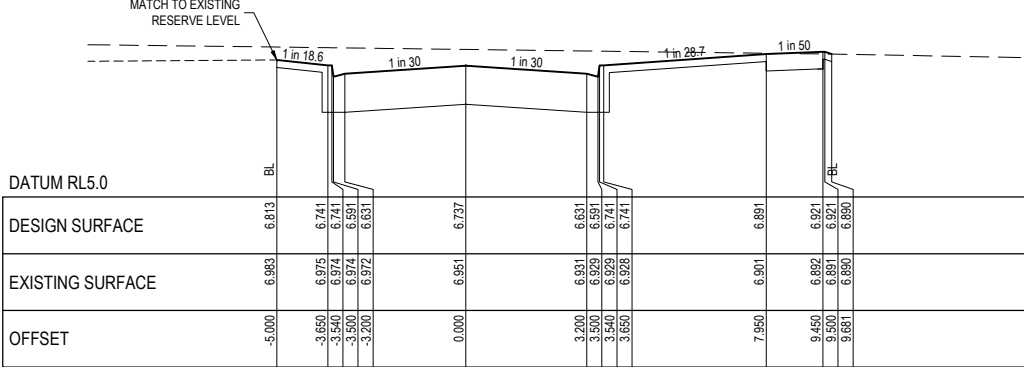
NOTE:
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2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m BELOW NATURAL SURFACE.



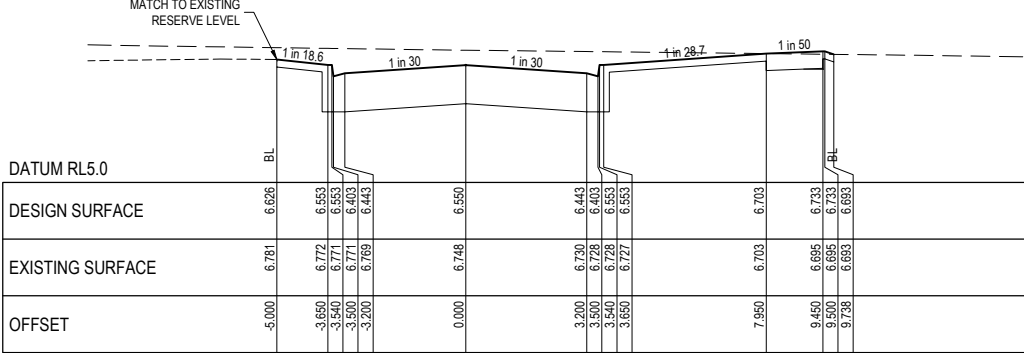
RTPCH 382.500



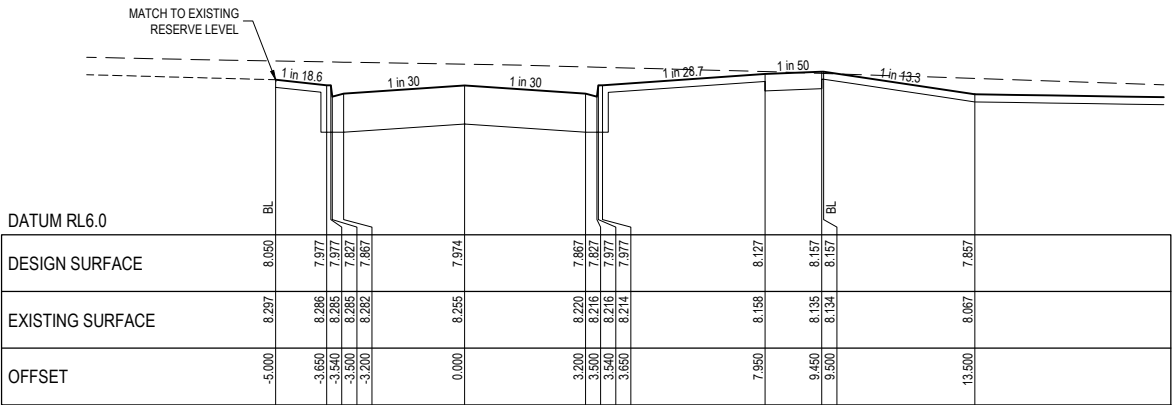
RTPCH 358.100



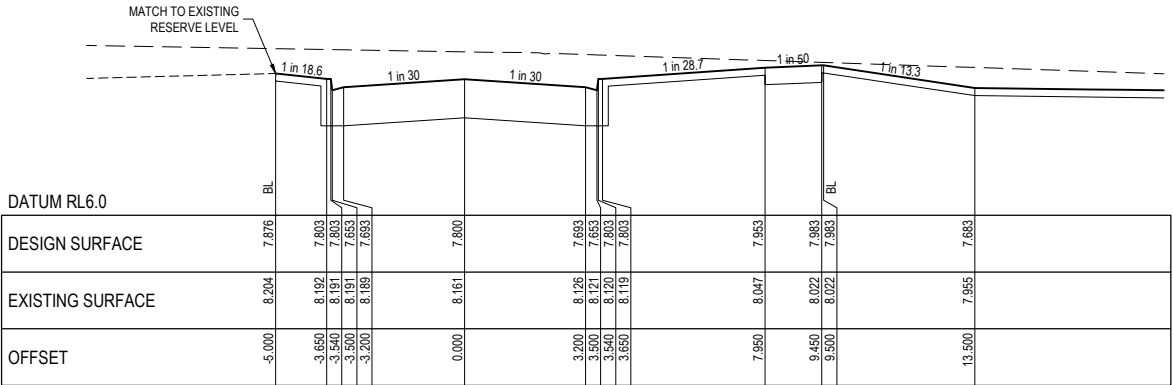
CH 348.800



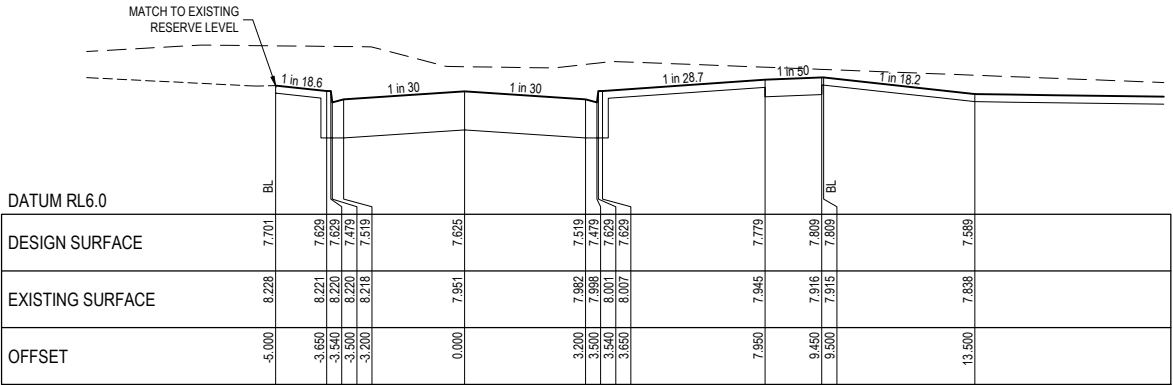
CH 336.300



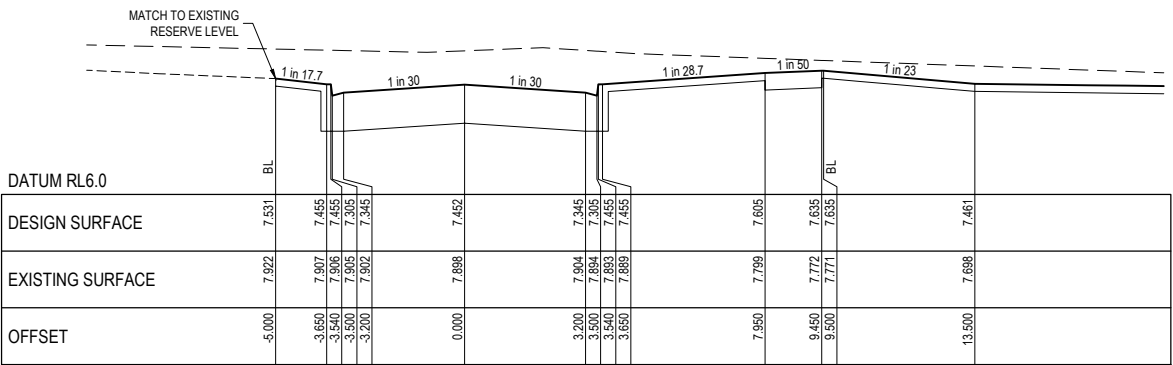
CH 417.300



CH 408.800



CH 400.300



CH 391.800

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface ---
1	Approved for construction	GP/DP	MG	24/05/22	Design Line —
2	As constructed	GP	MG	17/03/23	Existing Reserve Surface - - - -
					Select Fill
					Crushed Rock

Principal

HARRIOTT
AT ARMSTRONG CREEK

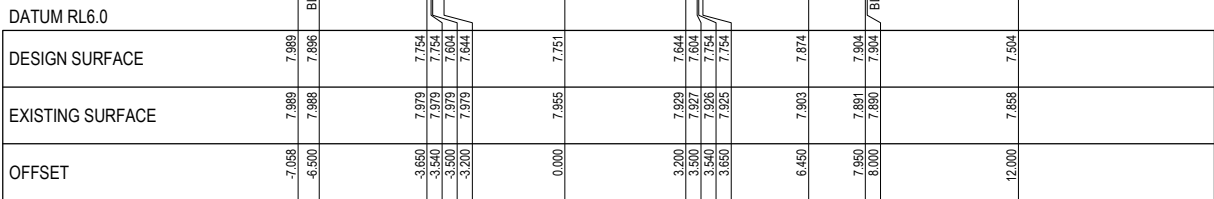
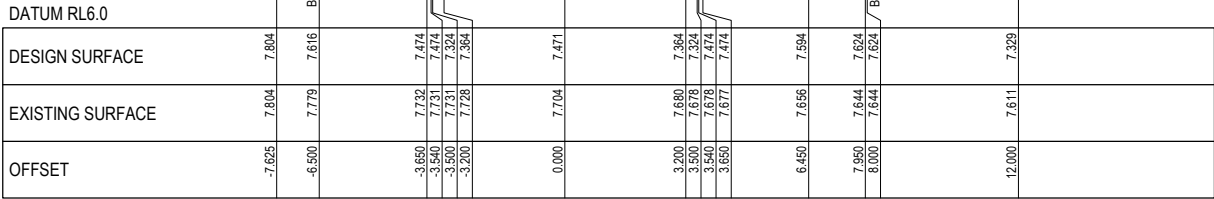
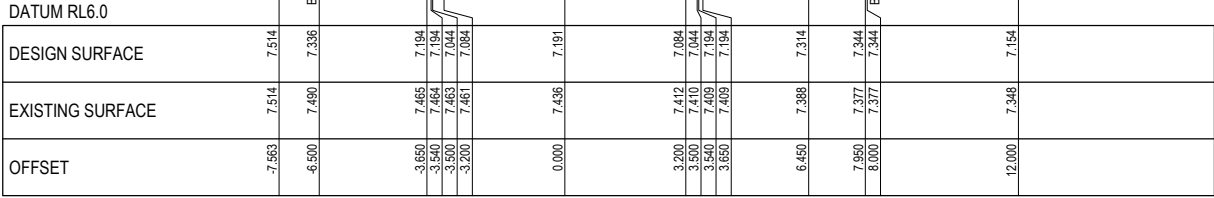
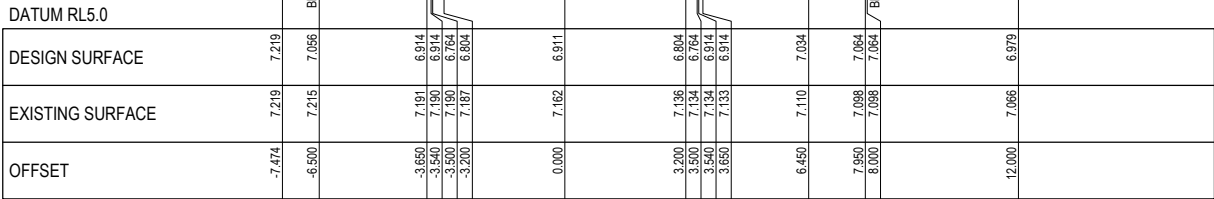
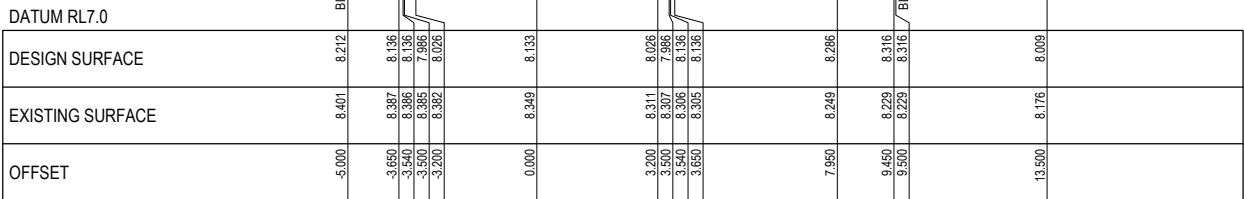
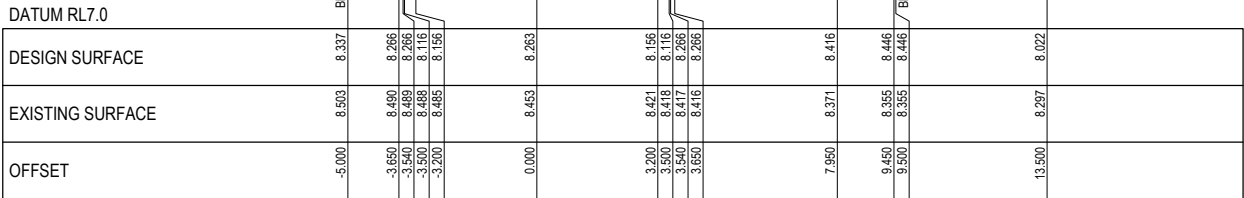
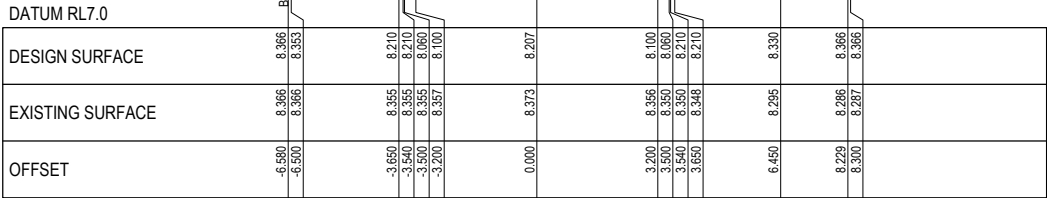
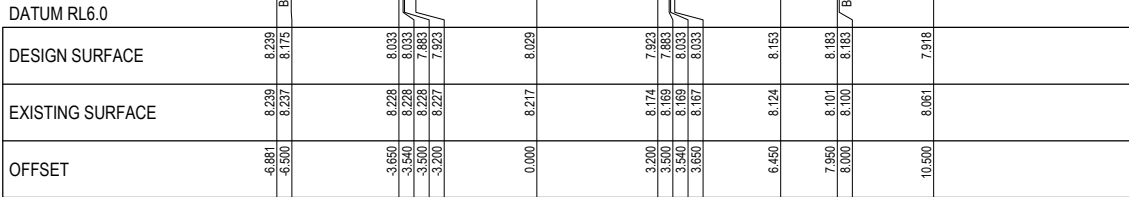
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Council	City of Greater Geelong	Scale @ A1:	H1:100 V1:50
Project	Harriott at Armstrong Creek Stage 6	H0	1 2 3 4 5 V0 0.5 1 1.5 2 2.5
Title	Cross Sections Galene Drive - Sheet 1 of 3	Drawing No.	0352-06-R09
Designed: G.Pratt	Authorised: M.Graham	Sheet	09 of 23
Drafted: D.Pratt	Date: February 2022	Rev	2

- 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	16/03/22	Existing Surface   
1	Approved for construction	GP/DP	MG	24/05/22	Design Line 
2	As constructed	GP	MG	17/03/23	Existing Reserve Surface   
					Select Fill 
					Crushed Rock 

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Project **Harriott at Armstrong Creek**
Stage 6

Title
Cross Sections
Galene Drive - Sheet 2 of 3

Designed: G.Pratt

Drafted: D.Pratt

Authorised: M.Graham

Date: February 2022

Scale @ A1: H1:100 V1:50

Drawing No.

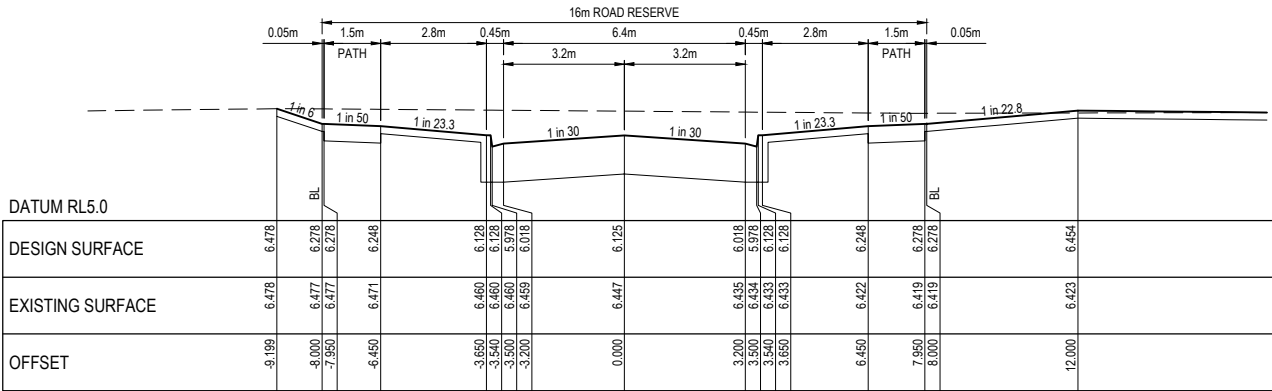
0352-06-R10

Sheet

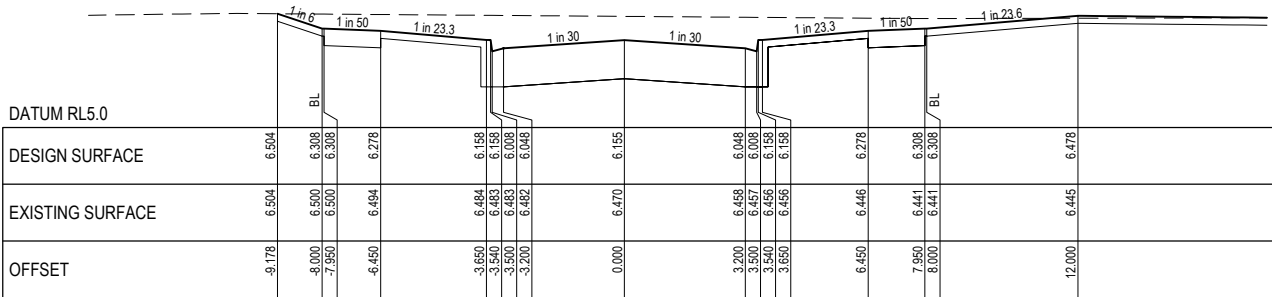
Rev

2

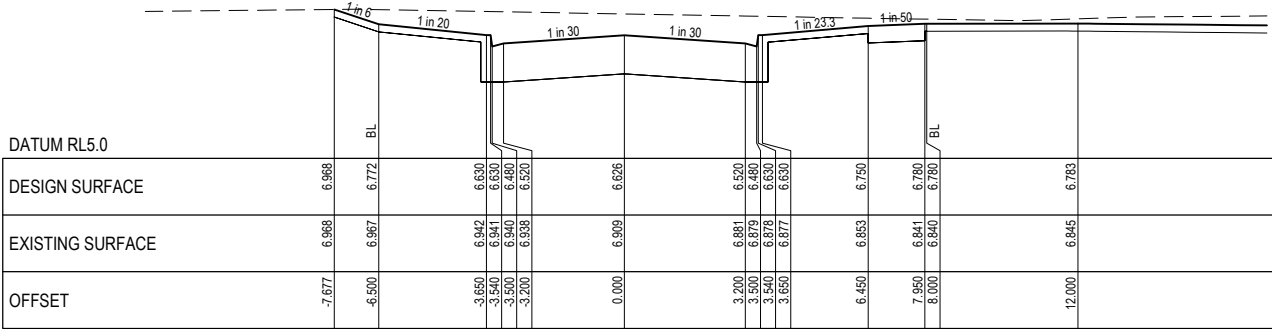
NOTE:
1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m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



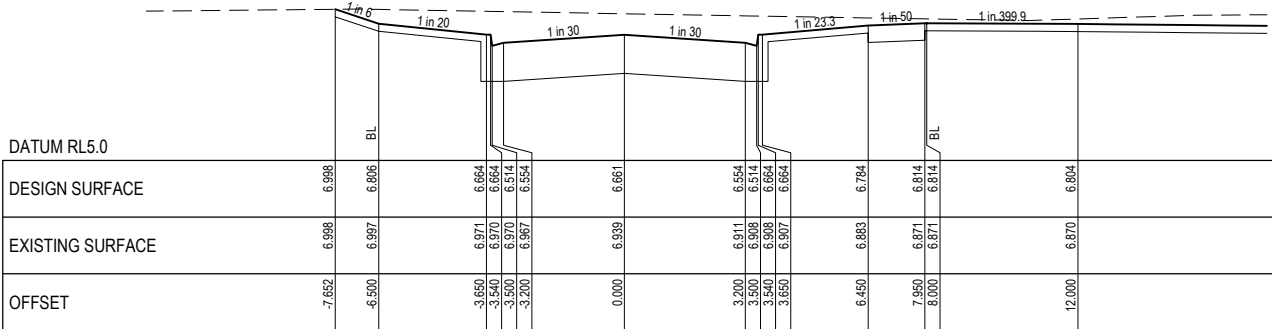
CH 566.437



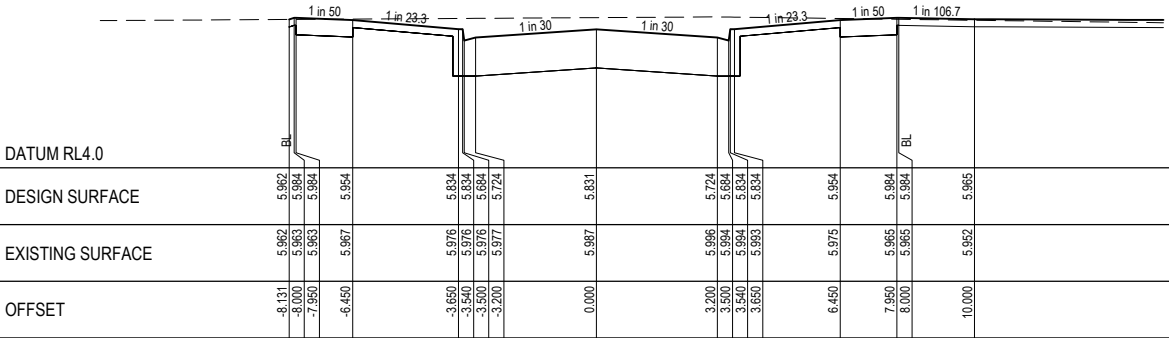
LTPCH 564.541



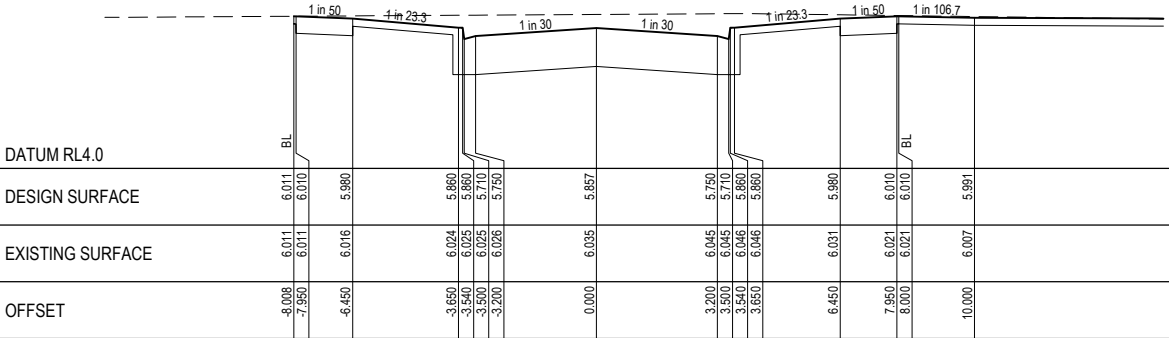
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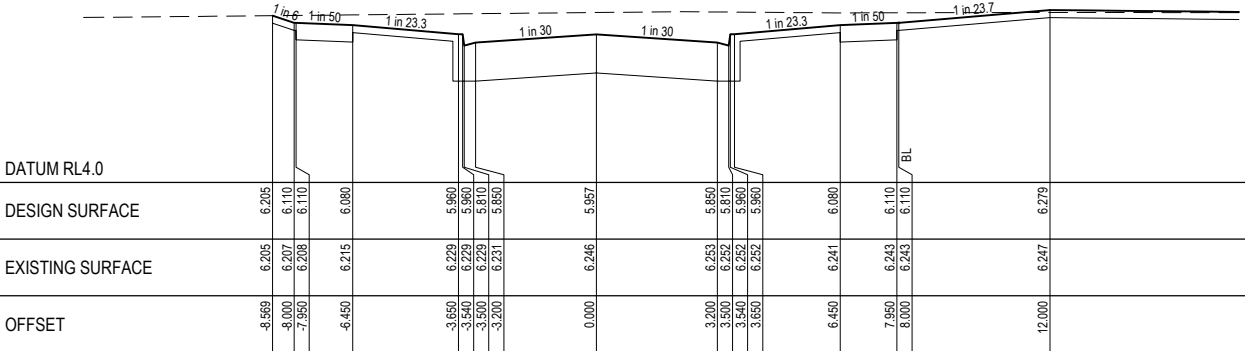
CH 538.437



TPCH 605.141



CH 600.000



CH 581.337

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface
1	Approved for construction	GP/DP	MG	24/05/22	Design Line
2	As constructed	GP	MG	17/03/23	Future Surface
					Select Fill
					Crushed Rock

Principal

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Project Harriott at Armstrong Creek Stage 6

Title Cross Sections
Galene Drive - Sheet 3 of 3

Designed: G.Pratt
Drafted: D.Pratt

Authorised: M.Graham
Date: February 2022

Scale @ A1: H1:100 V1:50

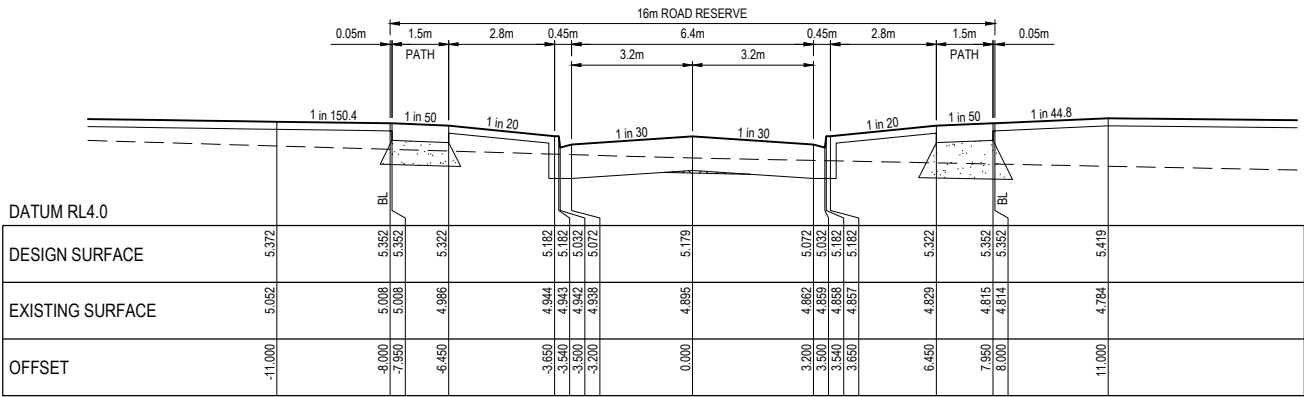
H0 1 2 3 4 5
V0 0.5 1 1.5 2 2.5

Drawing No. 0352-06-R11

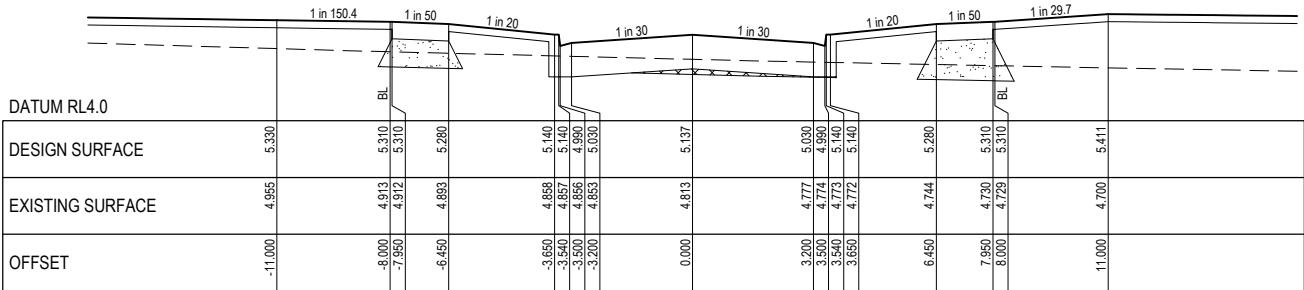
Sheet 11 of 23

Rev 2

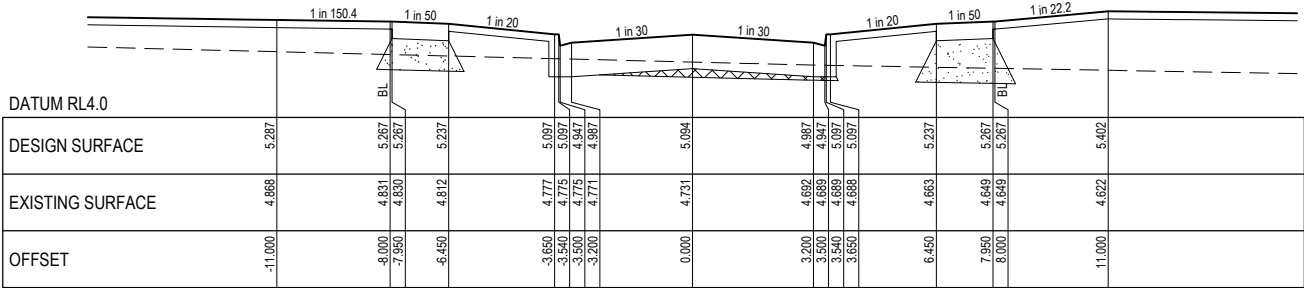
NOTE:
1. WHERE ROAD PAVEMENTS ARE ABOVE THE STRIPPED SURFACE IT IS TO BE FILLED WITH SELECT MATERIAL EXTENDING 0.2m BELOW NATURAL SURFACE. SELECT FILL TO MEET CITY OF GREATER GEELONG REQUIREMENTS.
2. WHERE PATHS ARE ABOVE STRIPPED SURFACE IT IS TO BE FILLED WITH 20mm CLASS 3 CRUSHED ROCK EXTENDING 0.2m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



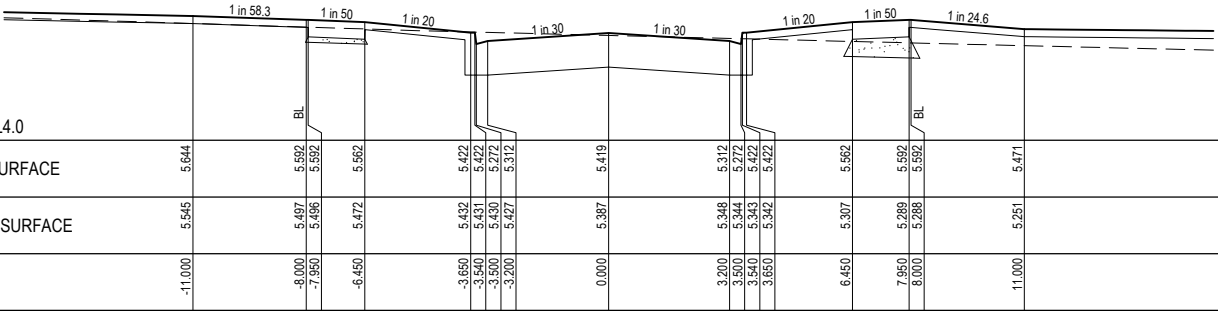
CH 223.041



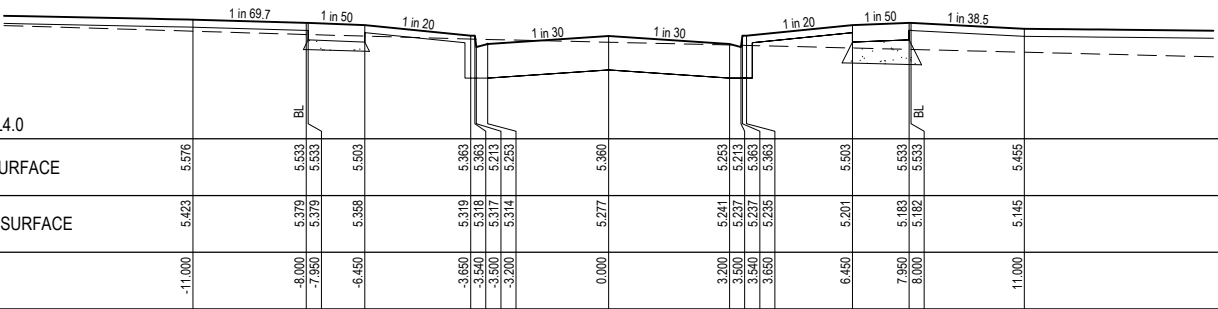
CH 214.541



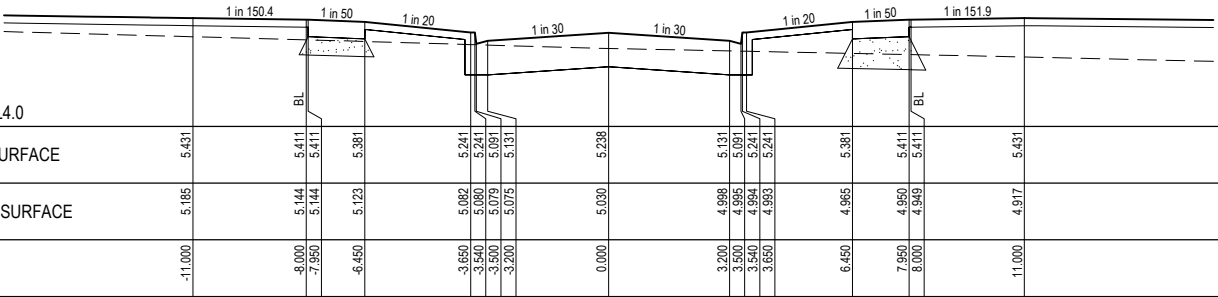
CH 206.041



CH 271.041



LTPCH 259.241



LTPCH 234.841

Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface
1	Approved for construction	GP/DP	MG	24/05/22	Design Line
2	Road name amended	GP/DP	MG	25/08/22	Future Surface
3	As constructed	GP	MG	17/03/23	Select Fill
					Crushed Rock

Principal

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AT ARMSTRONG CREEK

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Project **Harriott at Armstrong Creek Stage 6**

Title Cross Sections
Tranquility Crescent - Sheet 1 of 2

Designed: G.Pratt
Drafted: D.Pratt

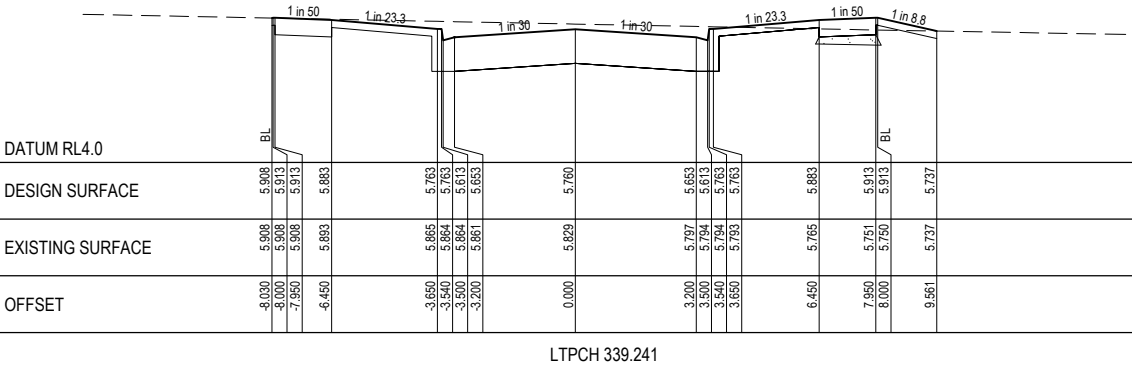
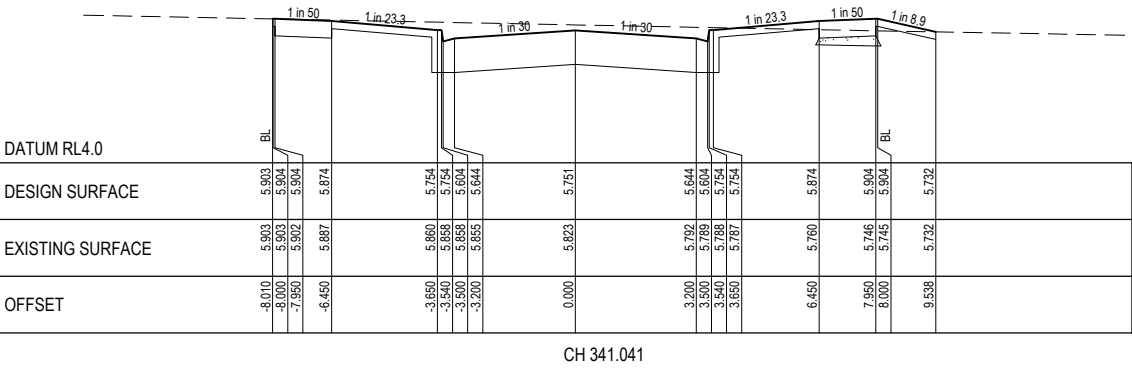
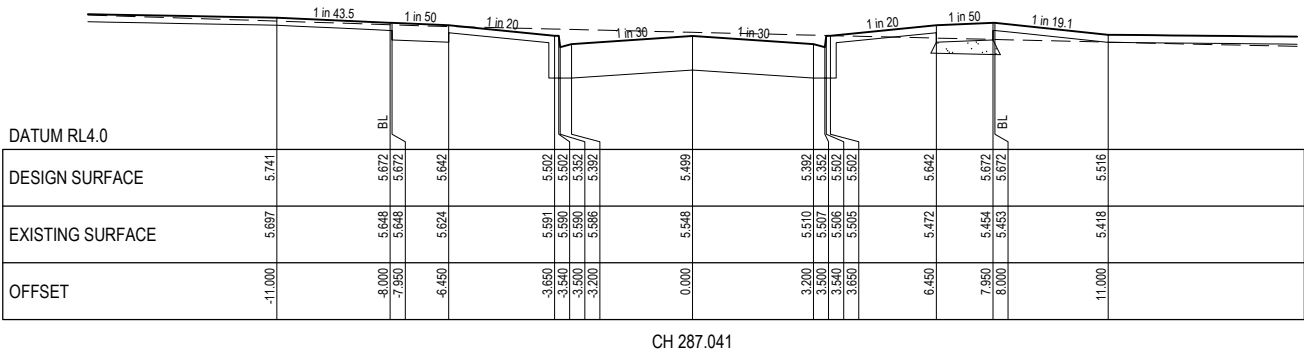
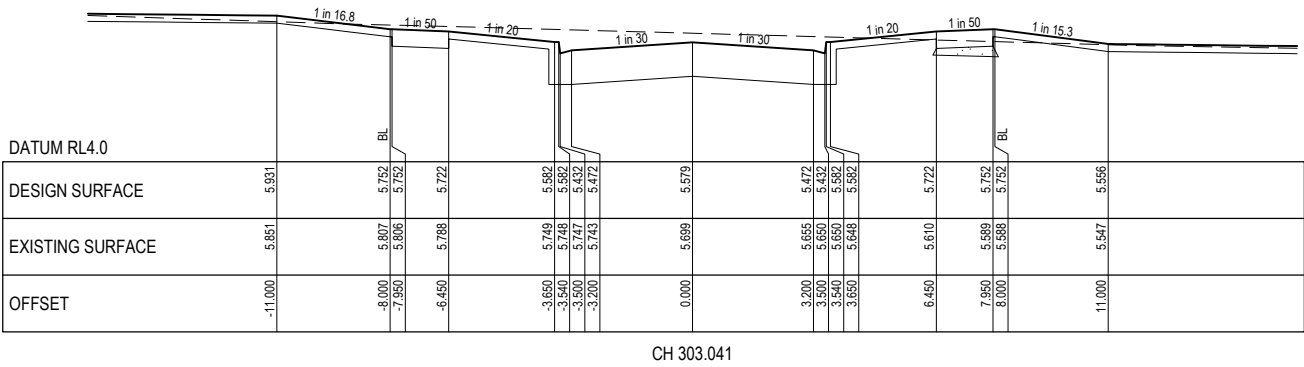
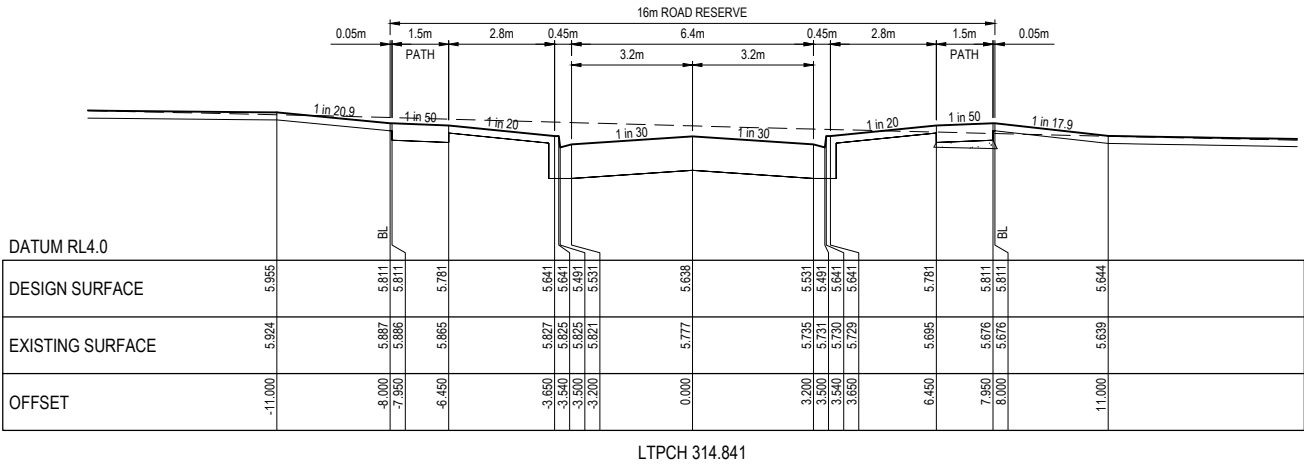
Authorised: M.Graham
Date: February 2022

Scale @ A1: H1:100 V1:50

Drawing No. **0352-06-R12**

Sheet 12 of 23
Rev **3**

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.
3. TRANSITION RIGHT NATURE STRIP FROM 1 in 20 TO 1 in 23.3 BETWEEN CH319.041 AND CH335.041



Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface
1	Approved for construction	GP/DP	MG	24/05/22	Design Line
2	Road name amended	GP/DP	MG	25/08/22	Future Surface
3	As constructed	GP	MG	17/03/23	Select Fill
					Crushed Rock

Principal

 **HARRIOTT**
AT ARMSTRONG CREEK

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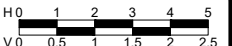
Project **Harriott at Armstrong Creek Stage 6**

Title Cross Sections
Tranquility Crescent - Sheet 2 of 2

Designed: G.Pratt
Drafted: D.Pratt

Authorised: M.Graham
Date: February 2022

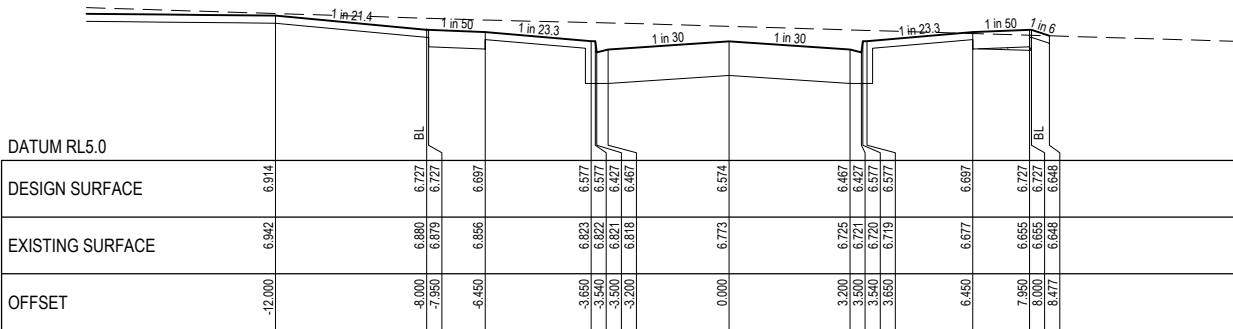
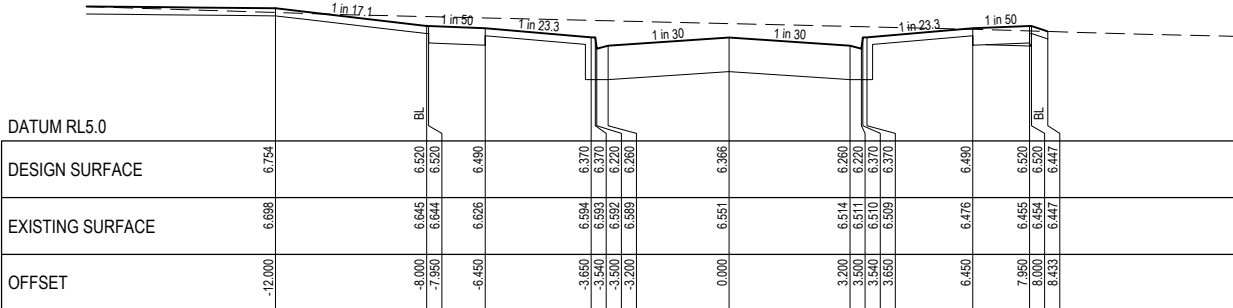
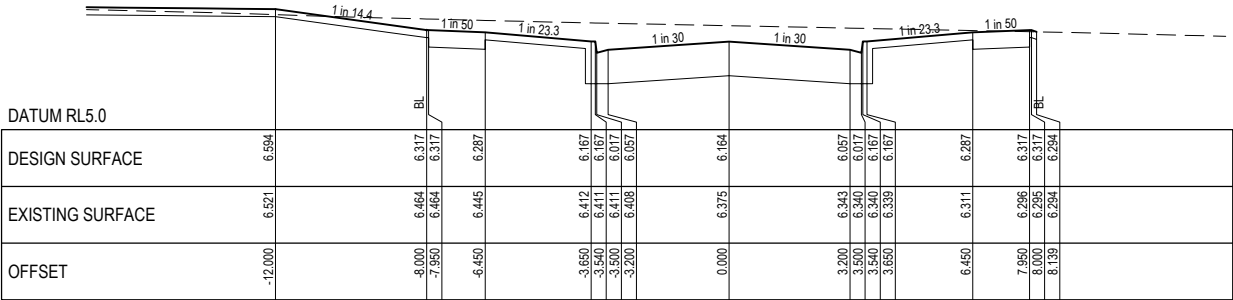
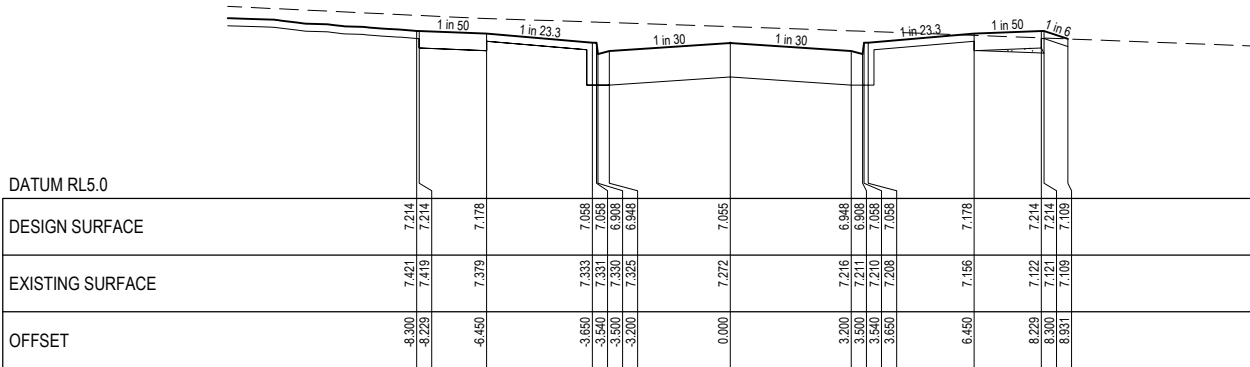
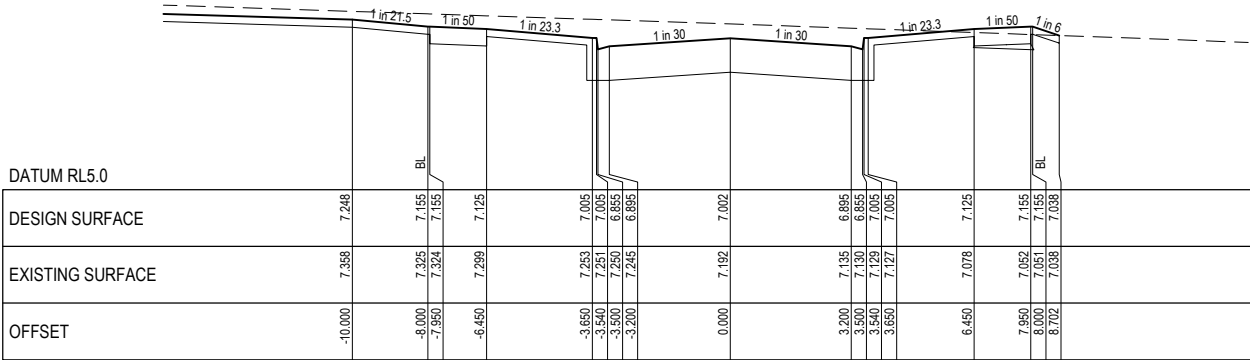
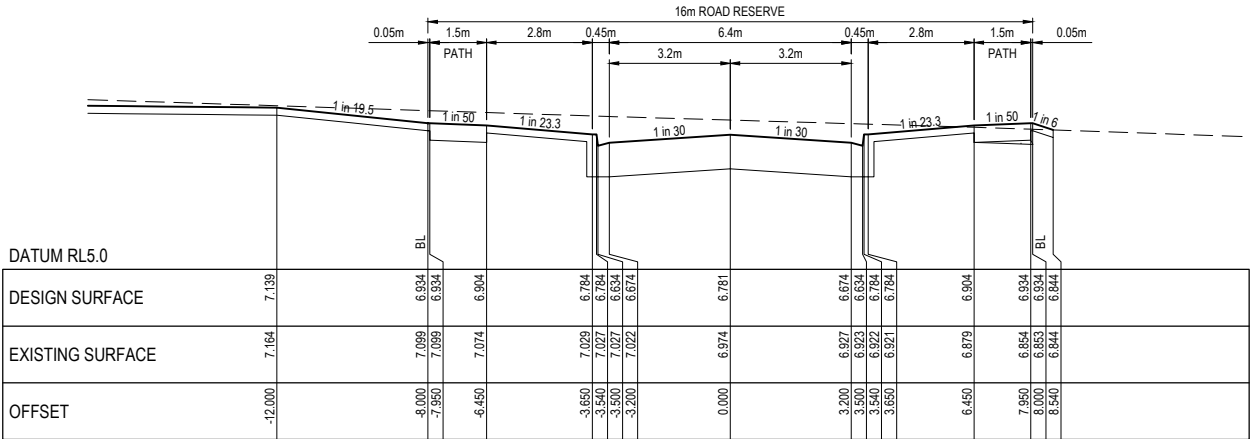
Scale @ A1: H1:100 V1:50



Drawing No. **0352-06-R13**

Sheet 13 of 23
Rev **3**

- 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 GEORGE TOWN 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]

Principa



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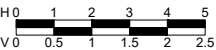
Council	City of Greater Geelong
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Project **Harriott at Armstrong Creek**
Stage 6

Cross Sections
Ungud Way - Sheet 1 of 2

Designed: G.Pratt	Authorised: M.Graham
Drafted: D.Pratt	Date: February 2022

Scale @ A1: H1:100 V1:50



Drawing No.

0352-06-R14

Sheet

14 of 23

V

- [illegible]

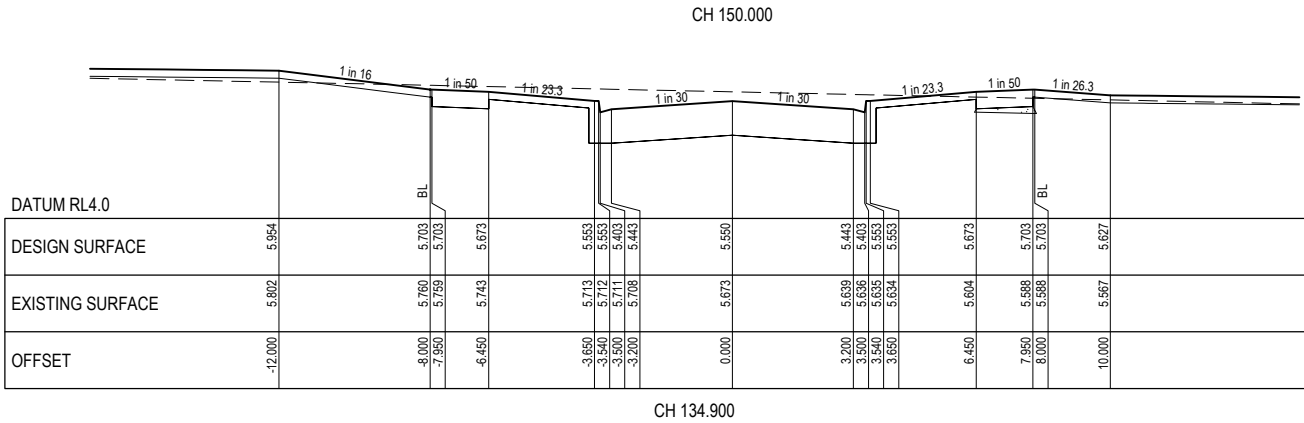
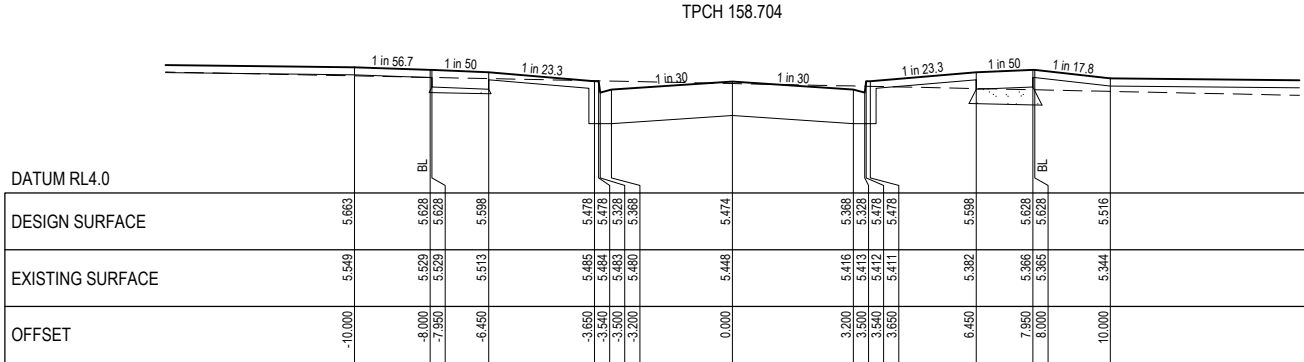
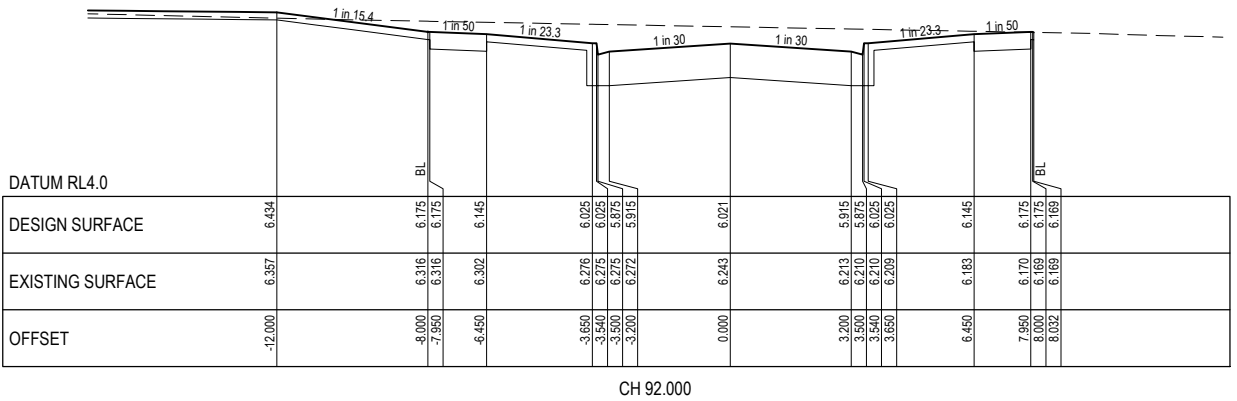


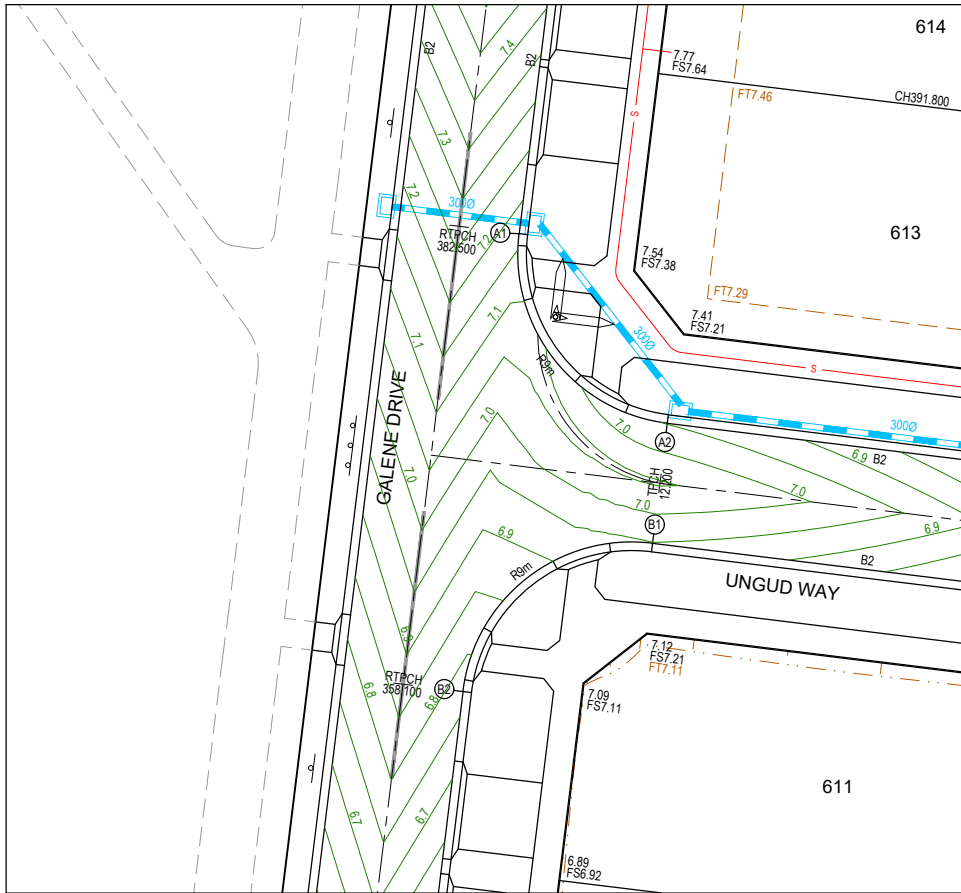
Table 1. Demographic characteristics of the study population	
Age (years)	18-24
Gender	Male
Marital status	Married
Education	High school
Occupation	Student
Religion	Islam
City	Isfahan
Study center	Isfahan University of Medical Sciences

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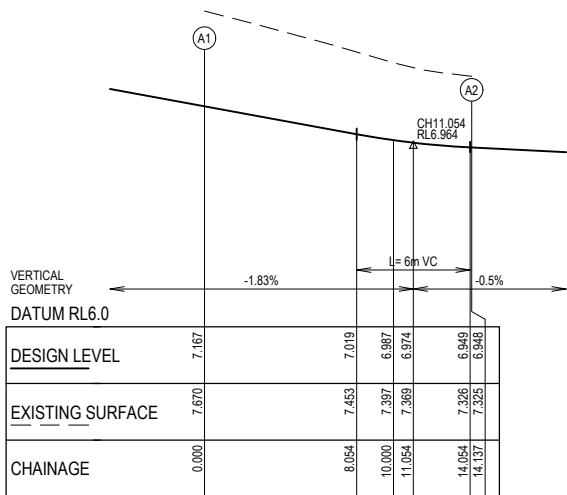
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Council City of Greater Geelong		Scale @ A1: H1:100 V1:50	
Project Harriott at Armstrong Creek Stage 6			
Title Cross Sections Ungud Way - Sheet 2 of 2		Drawing No. 0352-06-R15	
Designed: G.Pratt	Authorised: M.Graham	Sheet 15 of 23	Rev 2
Drafted: D.Pratt	Date: February 2022		

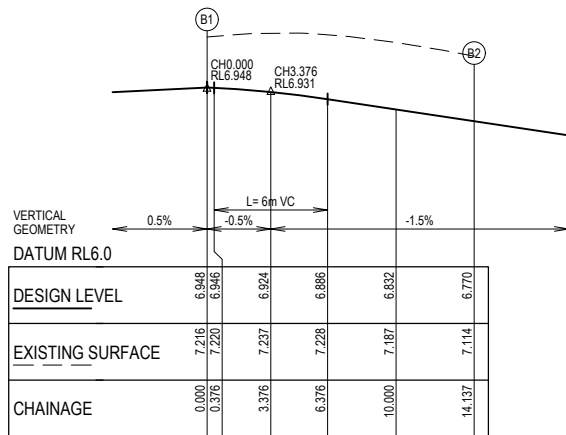


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POINT NO	EASTING	NORTHING	RL		
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A2	270374.889	5765813.961	6.948		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
A1 - A2	9.000	12.728	2.636	2.055	7.037

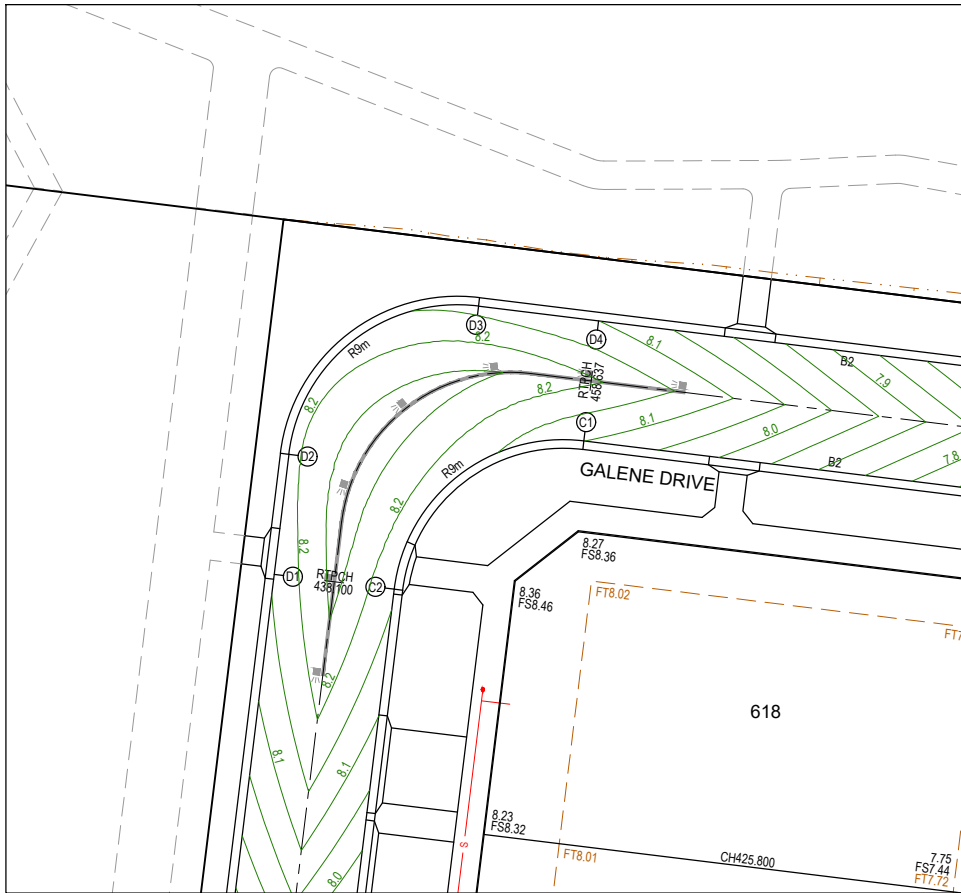
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POINT NO	EASTING	NORTHING	RL		
B1	270374.110	5765807.609	6.948		
B2	270364.081	5765799.771	6.770		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
B1 - B2	9.000	12.728	2.636	2.055	6.876



LIP LINE A

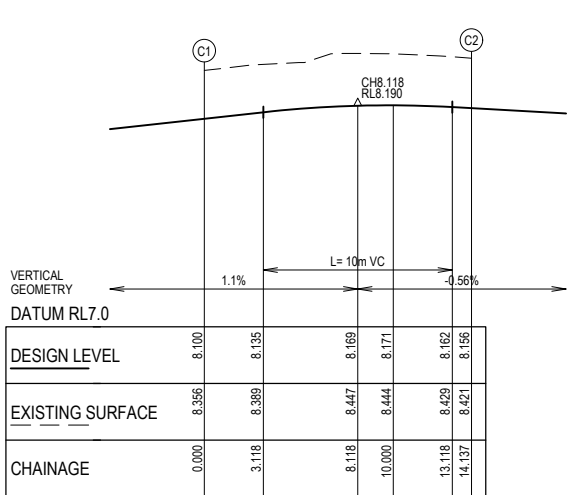


LIP LINE B

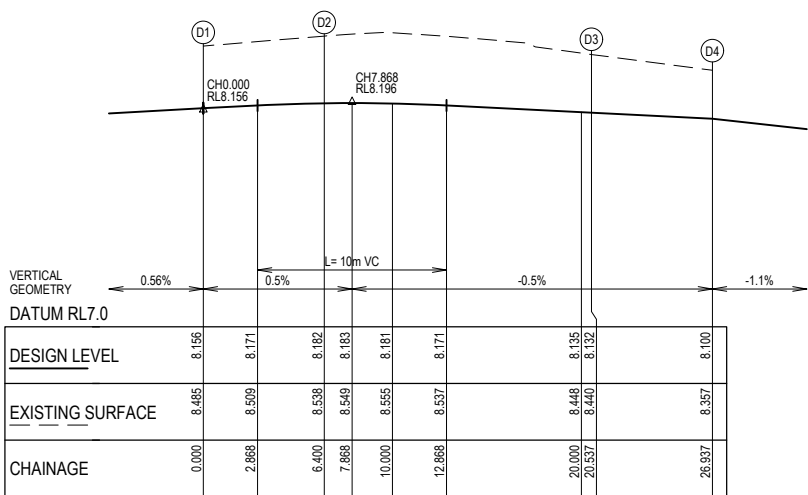


ALIGNMENT C					
POINT NO	EASTING	NORTHING	RL		
C1	270383.846	5765887.014	8.100		
C2	270373.818	5765879.176	8.156		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
C1 - C2	9.000	12.728	2.636	2.055	8.165

ALIGNMENT D					
POINT NO	EASTING	NORTHING	RL		
D1	270367.465	5765879.955	8.156		
D2	270368.244	5765886.308	8.182		
D3	270378.273	5765894.145	8.132		
D4	270384.625	5765893.366	8.100		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
D2 - D3	9.000	12.728	2.636	2.055	8.168

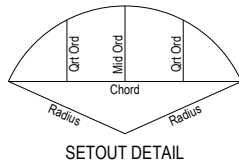


LIP LINE C

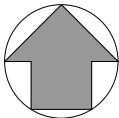


LIP LINE D

WARNING
Beware of Underground Services
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No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works.
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Rev	Amendment	Des/Dt	App'd	Date	Legend	
A	Initial Issue	GP/DP	MG	16/03/22	Existing Drainage	Drainage
1	Approved for construction	GP/DP	MG	24/05/22	Existing Sewer	Sewer
2	As constructed	GP	MG	17/03/23	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

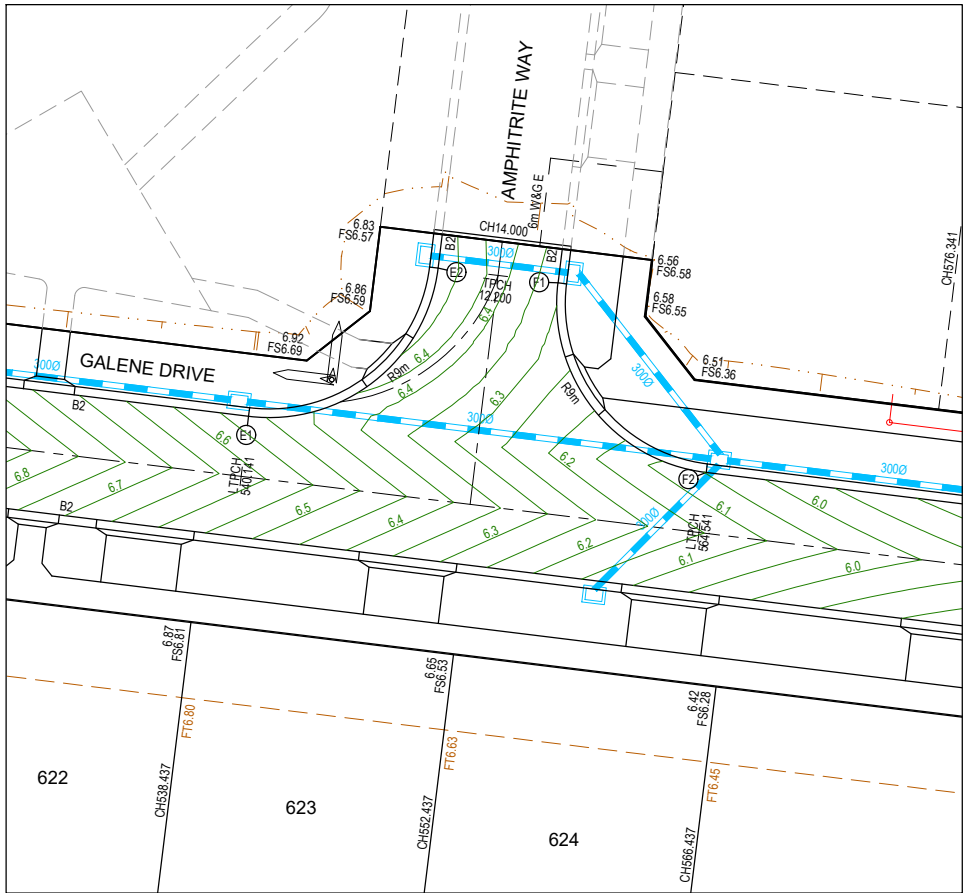


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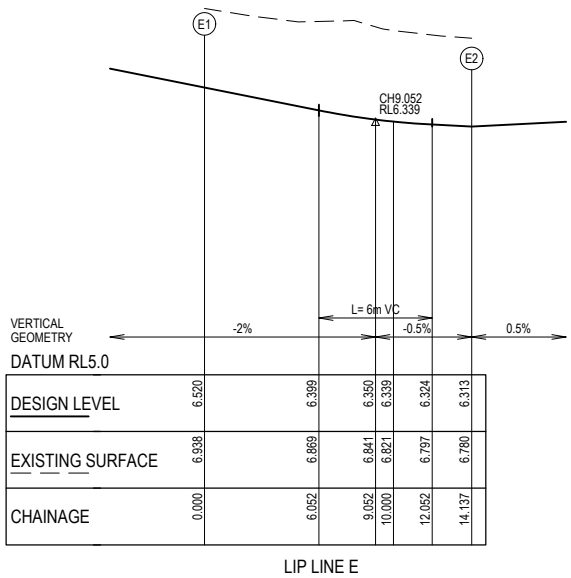
Council City of Greater Geelong
Project **Harriott at Armstrong Creek Stage 6**
Title Intersection Details
Sheet 1 of 3
Designed: G.Pratt
Drafted: D.Pratt
Authorised: M.Graham
Date: February 2022

Scale @ A1: H1:200 V1:20
H0 2 4 6 8 10
V0 0.2 0.4 0.6 0.8 1
Drawing No. **0352-06-R16**
Sheet 16 of 23
Rev **2**

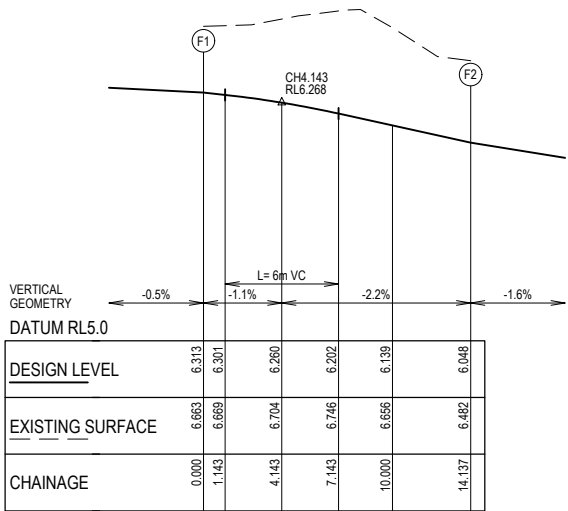


ALIGNMENT E					
POINT NO	EASTING	NORTHING	RL		
E1	270465.523	5765883.447	6.520		
E2	270475.552	5765891.284	6.313		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
E1 - E2	9.000	12.728	2.636	2.055	6.380

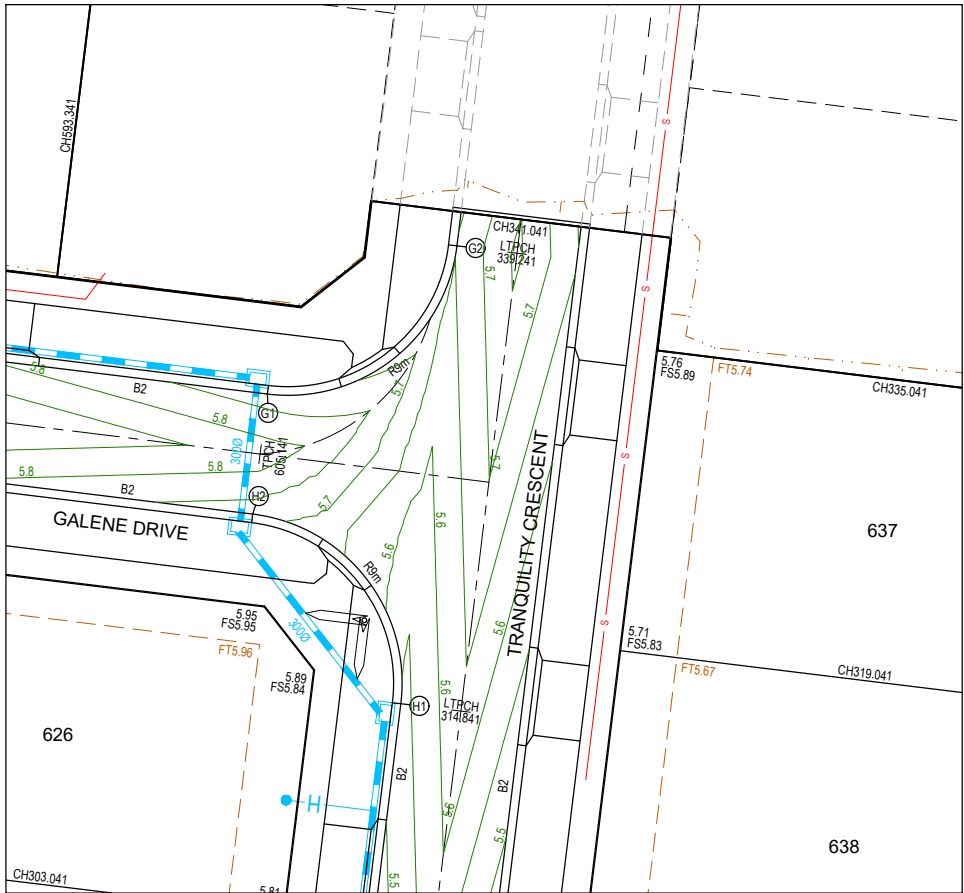
ALIGNMENT F					
POINT NO	EASTING	NORTHING	RL		
F1	270481.904	5765890.506	6.313		
F2	270489.742	5765880.477	6.048		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
F1 - F2	9.000	12.728	2.636	2.055	6.203



LIP LINE E

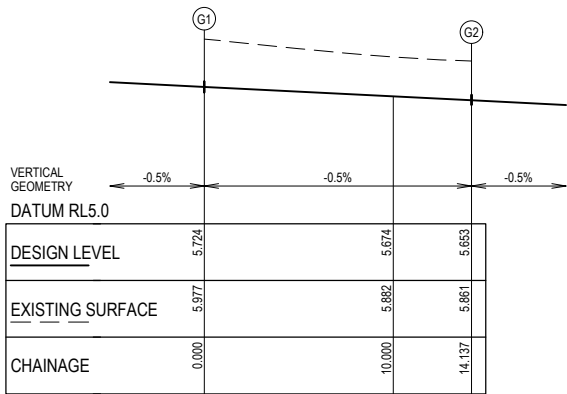


LIP LINE F

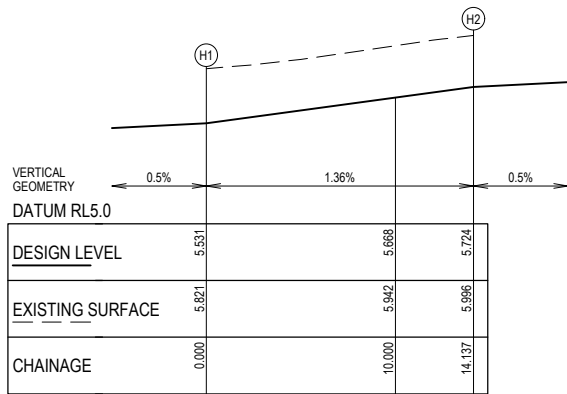


ALIGNMENT G					
POINT NO	EASTING	NORTHING	RL		
G1	270530.040	5765875.536	5.724		
G2	270540.069	5765883.374	5.653		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
G1 - G2	9.000	12.728	2.636	2.055	5.689

ALIGNMENT H					
POINT NO	EASTING	NORTHING	RL		
H1	270537.099	5765859.155	5.531		
H2	270529.261	5765869.183	5.724		
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD	MID ORD RL
H1 - H2	9.000	12.728	2.636	2.055	5.628

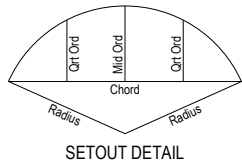


LIP LINE G

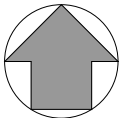


LIP LINE H

WARNING
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Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Drainage — H —> Ex D —> Drainage — H —> Existing Surface Level at Title 135.12
1	Approved for construction	GP/DP	MG	24/05/22	Existing Sewer — S —> Ex S —> Main Drainage — H —> Finished Surface at Title FS135.12
2	Road name amended	GP/DP	MG	25/08/22	Existing Gas — G —> Ex G —> Level at Top/Toe of Batter/Ridge FT135.12
3	Pram crossings near lot 637 removed	GP/DP	MG	11/10/22	Existing Electricity U/G — Ex E —> Gas — G —> Centreline Chainage CH50.37
4	As constructed	GP	MG	17/03/23	Existing Electricity O/H — Ex O/H —> Electricity U/G — E —> Setout Point (A1)
					Existing Communications — Ex T —> Communications — T —> Proposed Contour 36.10
					Existing Drinking Water — Ex DW —> Drinking Water — DW —> Existing Contour 36.10
					Existing Non Drinking Water — Ex NDW —> Non Drinking Water — NDW —> Signs
					Pavement Treatment —> Concrete Infill —> RRPM

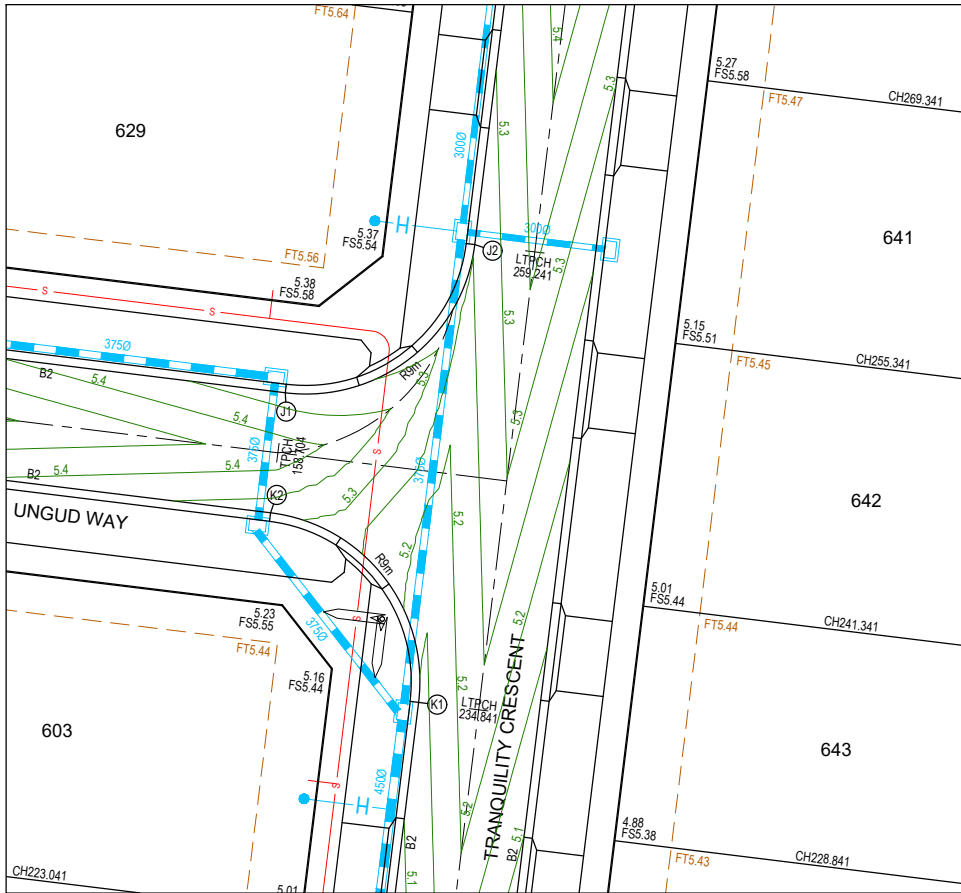


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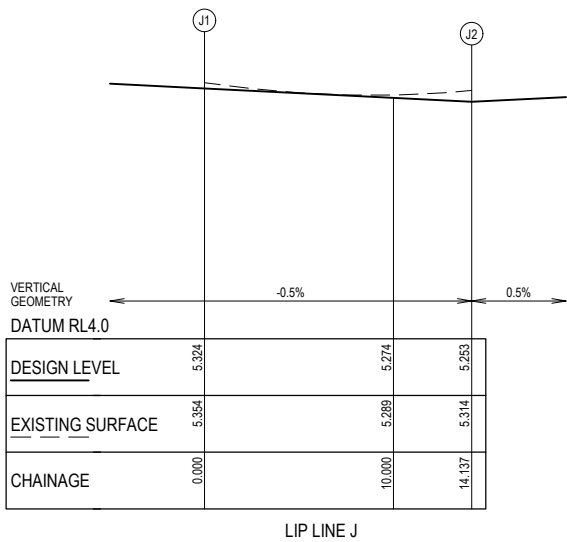
Council	City of Greater Geelong
Project	Harriott at Armstrong Creek Stage 6
Title	Intersection Details Sheet 2 of 3
Designed: G.Pratt	Authorised: M.Graham
Drafted: D.Pratt	Date: February 2022

Scale @ A1: H1:200 V1:20	
 A horizontal graphic scale bar. The top row is labeled H0, 2, 4, 6, 8, 10. The bottom row is labeled V0, 0.2, 0.4, 0.6, 0.8, 1. The bar is divided into segments by vertical tick marks.	
Drawing No. 0352-06-R17	
Sheet 17 of 23	Rev 4

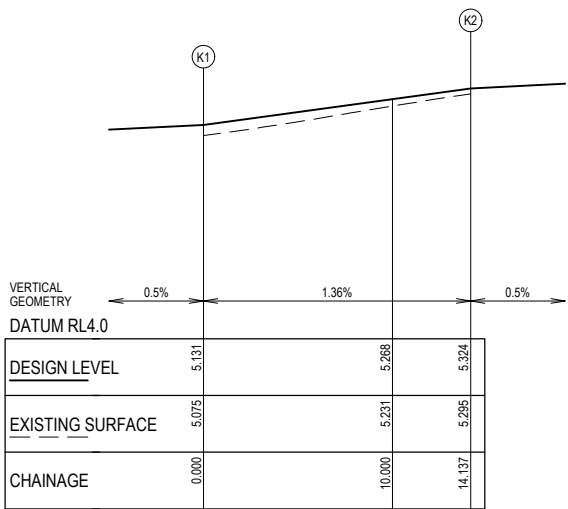


ALIGNMENT J				
POINT NO	EASTING	NORTHING	RL	
J1	270520.304	5765796.131	5.324	
J2	270530.332	5765803.968	5.253	
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD
J1 - J2	9.000	12.728	2.636	2.055

ALIGNMENT K				
POINT NO	EASTING	NORTHING	RL	
K1	270527.363	5765779.750	5.131	
K2	270519.525	5765789.778	5.324	
CURVE NO	RADIUS	CHORD	MID ORD	QTR ORD
K1 - K2	9.000	12.728	2.636	2.055

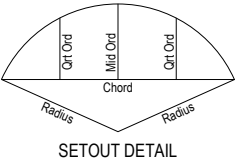


LIP LINE J



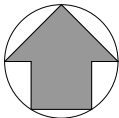
LIP LINE K

WARNING
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Rev	Amendment	Des/Dft	App'd	Date	Legend	
A	Initial Issue	GP/DP	MG	16/03/22	Existing Drainage	Ex D
1	Approved for construction	GP/DP	MG	24/05/22	Existing Sewer	Ex S
2	Road name amended	GP/DP	MG	25/08/22	Existing Gas	Ex G
3	As constructed	GP	MG	17/03/23	Existing Electricity U/G	Ex E
					Existing Electricity O/H	Ex E
					Existing Communications	Ex T
					Existing Drinking Water	Ex DW
					Existing Non Drinking Water	Ex NDW
					Pavement Treatment	

Drainage	Ex D	Drainage	Ex D	Existing Surface Level at Title	135.12
Main Drainage	Ex S	Main Drainage	Ex S	Finished Surface at Title	FS135.12
Sewer	Ex G	Sewer	Ex G	Level at Top/Toe of Batter/Ridge	FT135.12
Gas	Ex E	Gas	Ex E	Centreline Chainage	CH50.37
Electricity U/G	Ex E	Electricity U/G	Ex E	Setout Point	(K1)
Communications	Ex T	Communications	Ex T	Proposed Contour	36.10
Drinking Water	Ex DW	Drinking Water	Ex DW	Existing Contour	36.10
Non Drinking Water	Ex NDW	Non Drinking Water	Ex NDW	Signs	
Concrete Infill		Concrete Infill		RRPM	



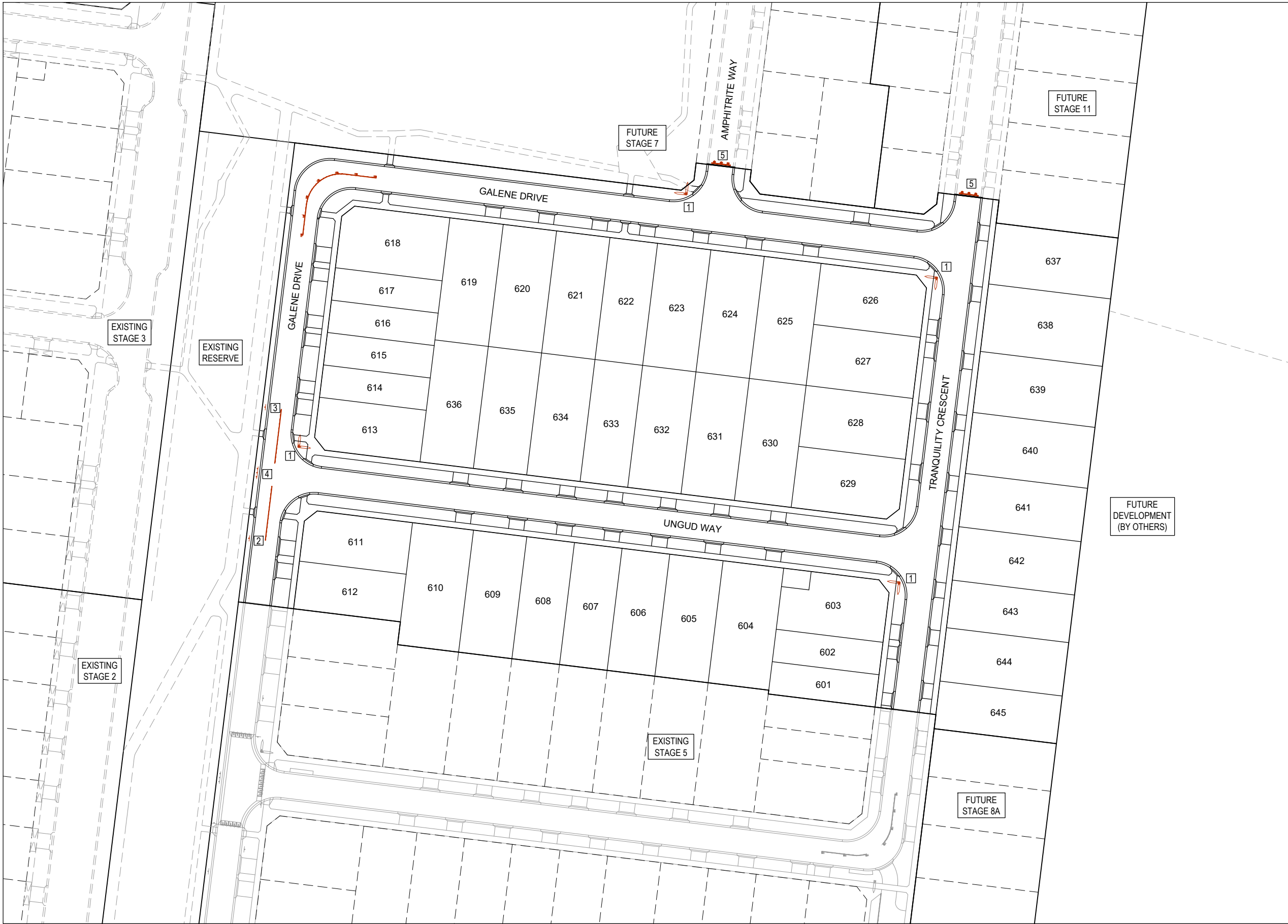
HARRIOTT
AT ARMSTRONG CREEK

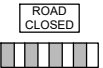
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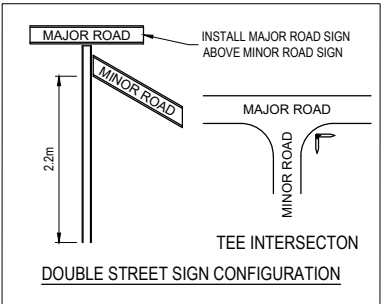
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Telephone 0456 634 727
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Council	City of Greater Geelong	Scale @ A1:	H1:200 V1:20
Project	Harriott at Armstrong Creek Stage 6		
Title	Intersection Details Sheet 3 of 3	Drawing No.	0352-06-R18
Designed: G.Pratt	Authorised: M.Graham	Sheet	18 of 23
Drafted: D.Pratt	Date: February 2022	Rev	3



SIGN SCHEDULE		
SIGN	REF	QUANTITY
	1	REFER TABLE
G5 SERIES STREET SIGN		
	2	1
R5-35R		
	3	1
R5-35L		
	4	1
1800x300 D4-V101		
	5	2
G9-20 & D4-5		

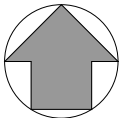


STREET SIGN SCHEDULE	
	QUANTITY
AMPHITRITE WAY	1
GALENE DR	3
TRANQUILITY CRES	2
UNGUD WAY	2

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

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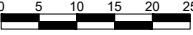
Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Street Sign 
1	Approved for construction	GP/DP	MG	24/05/22	Sign 
2	Road name amended	GP/DP	MG	25/08/22	RRPM 
3	Pram crossings near lot 637 removed	GP/DP	MG	11/10/22	
4	As constructed	GP	MG	17/03/23	



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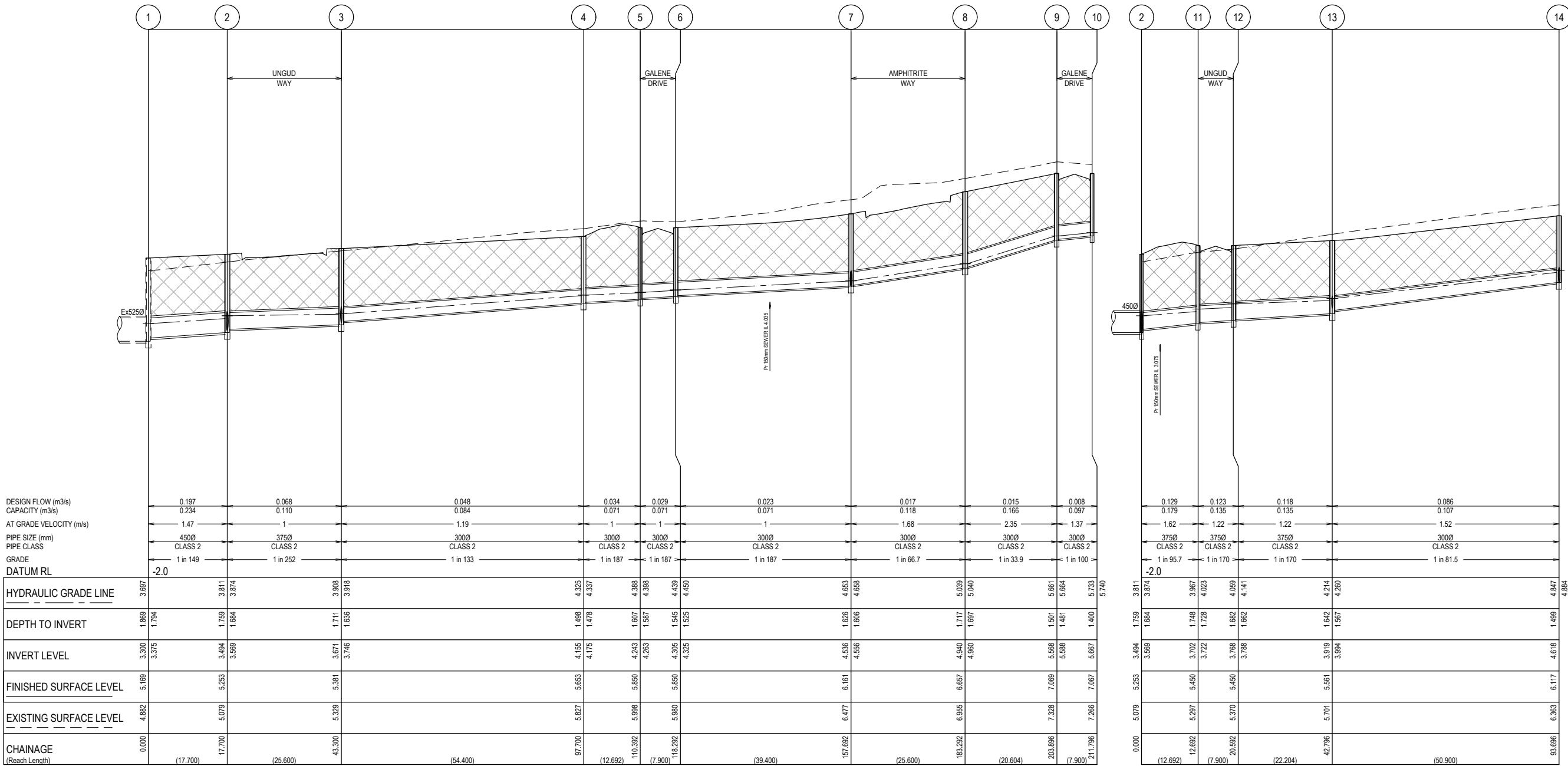
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Council City of Greater Geelong
Project **Harriott at Armstrong Creek Stage 6**
Title Signage & Linemarking Plan
Designed: G.Pratt
Drafted: D.Pratt
Authorised: M.Graham
Date: February 2022

Scale @ A1: 1:500

Drawing No. **0352-06-R19**
Sheet 19 of 23
Rev **4**

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.



Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface
1	Approved for construction	GP/DP	MG	24/05/22	Design Surface
2	As constructed	GP	MG	17/03/23	Future Design Surface
					Existing Drain
					Proposed Drain
					Hydraulic Grade Line
					Retaining Wall
					Crushed Rock Backfill
					Rock Beaching

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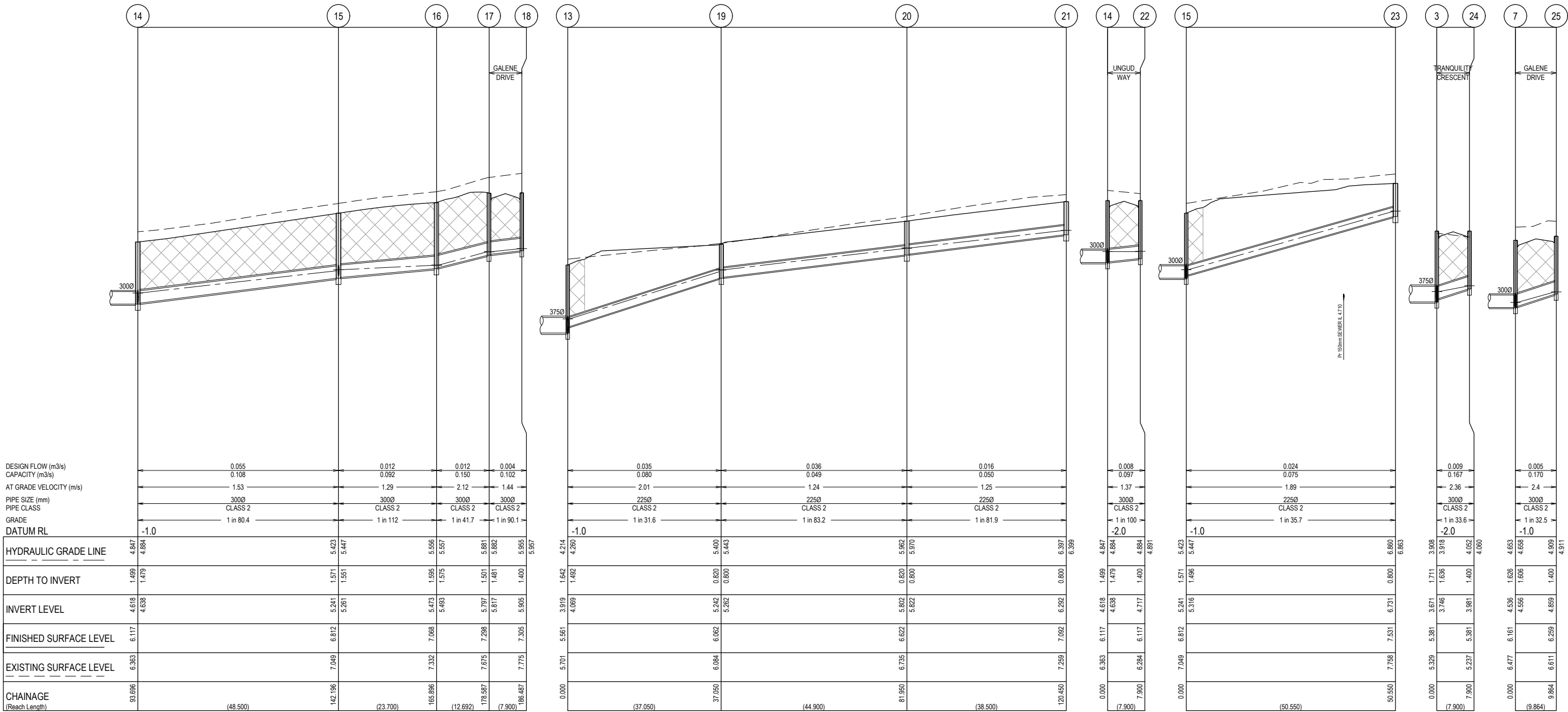
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Council	City of Greater Geelong
Project	Harriott at Armstrong Creek Stage 6
Title	Drainage Longitudinal Sections Sheet 1 of 3
Designed: G.Pratt	Authorised: M.Graham
Drafted: D.Pratt	Date: February 2022

Scale @ A1: H1:500 V1:50	
 A graphic scale bar with two rows of markings. The top row is labeled 'H' for horizontal and has markings at 0, 5, 10, 15, 20, and 25 feet. The bottom row is labeled 'V' for vertical and has markings at 0, 0.5, 1, 1.5, 2, and 2.5 feet. The bar is divided into alternating black and white segments.	
Drawing No.	
0352-06-R20	
Sheet	Rev
20 of 23	2

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.



Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface — — — —
1	Approved for construction	GP/DP	MG	24/05/22	Design Surface — — — —
2	Road name amended	GP/DP	MG	25/08/22	Future Design Surface — — — —
3	As constructed	GP	MG	17/03/23	Existing Drain — — — —
					Proposed Drain — — — —
					Hydraulic Grade Line — — — —
					Retaining Wall — — — —
					Crushed Rock Backfill — — — —
					Rock Beaching — — — —



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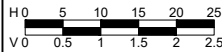
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Council City of Greater Geelong
Project Harriott at Armstrong Creek Stage 6

Title Drainage Longitudinal Sections Sheet 2 of 3

Designed: G.Pratt
Drafted: D.Pratt
Authorised: M.Graham
Date: February 2022

Scale @ A1: H1:500 V1:50

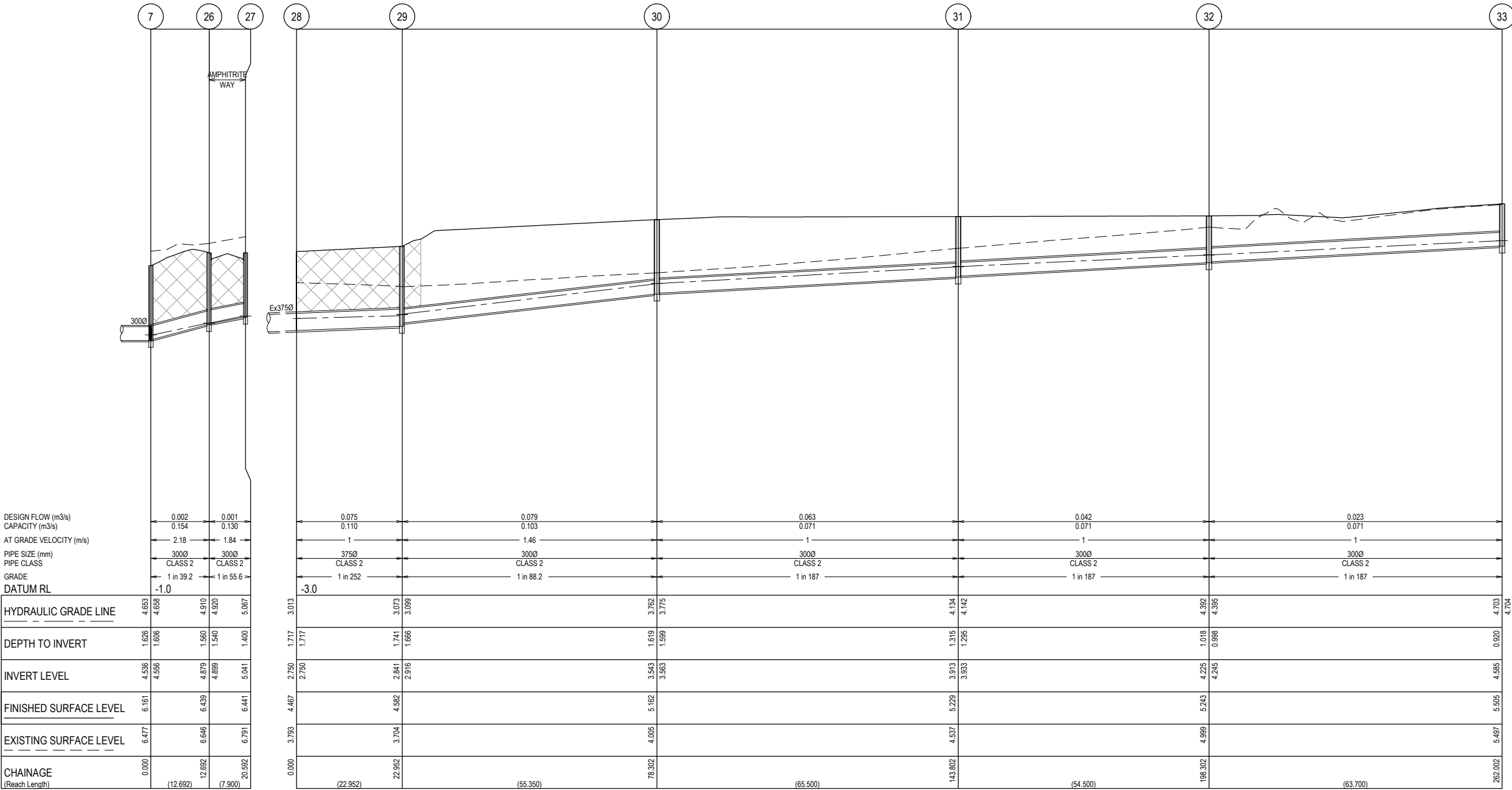


Drawing No.
0352-06-R21

Sheet 21 of 23
Rev 3

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.



Rev	Amendment	Des/Dft	App'd	Date	Legend
A	Initial Issue	GP/DP	MG	16/03/22	Existing Surface — — — —
1	Approved for construction	GP/DP	MG	24/05/22	Design Surface — — — —
2	As constructed	GP	MG	17/03/23	Future Design Surface — — — —
					Existing Drain — — — —
					Proposed Drain — — — —
					Hydraulic Grade Line — — — —
					Retaining Wall — — — —
					Crushed Rock Backfill — — — —
					Rock Beaching — — — —

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Project **Harriott at Armstrong Creek Stage 6**

Title Drainage Longitudinal Sections Sheet 3 of 3

Designed: G.Pratt Authorised: M.Graham

Drafted: D.Pratt Date: February 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. **0352-06-R22**

Sheet 22 of 23 Rev **2**

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 PIT	270524.316	5765761.686	750	900	450	3.375	525	3.300	5.169	1.869	SD 420	CONNECT TO EXISTING BLOCKOUT AND ADJUST COVER TO FINISHED SURFACE LEVEL (EXISTING LEVEL RL4.882)
2	SIDE ENTRY PIT	270526.545	5765779.245	600	900	375	3.569	450	3.494	5.253	1.759	SD 430	
3	SIDE ENTRY PIT	270529.661	5765804.655	600	900	300	3.746	375	3.671	5.381	1.711	SD 430	
4	JUNCTION PIT	270536.282	5765858.651	600	900	300	4.175	300	4.155	5.653	1.498	SD 420	
5	SIDE ENTRY PIT	270528.575	5765868.512	600	900	300	4.263	300	4.243	5.850	1.607	SD 430	
6	SIDE ENTRY PIT	270529.536	5765876.353	600	900	300	4.325	300	4.305	5.850	1.545	SD 430	
7	JUNCTION PIT	270490.429	5765881.149	600	900	300	4.556	300	4.536	6.161	1.626	SD 420	
8	SIDE ENTRY PIT	270465.019	5765884.264	600	900	300	4.960	300	4.940	6.657	1.717	SD 430	
9	SIDE ENTRY PIT	270444.568	5765886.772	600	900	300	5.588	300	5.568	7.069	1.501	SD 430	
10	SIDE ENTRY PIT	270443.607	5765878.931	600	900			300	5.667	7.067	1.400	SD 430	
11	SIDE ENTRY PIT	270518.838	5765789.107	600	900	375	3.722	375	3.702	5.450	1.748	SD 430	
12	SIDE ENTRY PIT	270519.799	5765796.948	600	900	375	3.788	375	3.768	5.450	1.682	SD 430	
13	JUNCTION PIT	270497.760	5765799.650	600	900	300	3.994	375	3.919	5.561	1.642	SD 420	
14	SIDE ENTRY PIT	270447.239	5765805.845	600	900	300	4.638	300	4.618	6.117	1.499	SD 430	
15	SIDE ENTRY PIT	270399.099	5765811.748	600	900	300	5.261	300	5.241	6.812	1.571	SD 430	
16	JUNCTION PIT	270375.575	5765814.633	600	900	300	5.493	300	5.473	7.068	1.595	SD 420	
17	SIDE ENTRY PIT	270367.868	5765824.494	600	900	300	5.817	300	5.797	7.298	1.501	SD 430	
18	SIDE ENTRY PIT	270360.027	5765825.455	600	900			300	5.905	7.305	1.400	SD 430	
19	JUNCTION PIT	270502.269	5765836.425	600	900	225	5.262	225	5.242	6.062	0.820	SD 425	
20	JUNCTION PIT	270457.703	5765841.890	600	900	225	5.822	225	5.802	6.622	0.820	SD 425	
21	JUNCTION PIT	270419.489	5765846.575	600	900			225	6.292	7.092	0.800	SD 425	
22	SIDE ENTRY PIT	270446.277	5765798.004	600	900			300	4.717	6.117	1.400	SD 430	
23	JUNCTION PIT	270405.251	5765861.922	600	900			225	6.731	7.531	0.800	SD 425	
24	SIDE ENTRY PIT	270537.502	5765803.694	600	900			300	3.981	5.381	1.400	SD 430	
25	SIDE ENTRY PIT	270483.806	5765874.001	600	900			300	4.859	6.259	1.400	SD 430	
26	SIDE ENTRY PIT	270482.722	5765891.010	600	900	300	4.899	300	4.879	6.439	1.560	SD 430	
27	SIDE ENTRY PIT	270474.881	5765891.971	600	900			300	5.041	6.441	1.400	SD 430	
28	EXISTING END PIPE	270529.598	5765638.578			375	2.750	375	2.750	4.467	1.717		CONNECT TO EXISTING END PIPE
29	JUNCTION PIT	270552.379	5765635.785	600	900	300	2.916	375	2.841	4.582	1.741	SD 425	
30	JUNCTION PIT	270559.078	5765690.728	600	900	300	3.563	300	3.543	5.162	1.619	SD 425	
31	JUNCTION PIT	270567.006	5765755.746	600	900	300	3.933	300	3.913	5.229	1.315	SD 425	
32	JUNCTION PIT	270573.602	5765809.846	600	900	300	4.245	300	4.225	5.243	1.018	SD 425	
33	JUNCTION PIT	270581.312	5765873.077	600	900			300	4.585	5.505	0.920	SD 425	

NOTE:

1. PIT COVERS ARE TO PROVIDED IN ACCORDANCE WITH CITY OF GREATER GEELONG DESIGN NOTE No. 13.
2. ALL PIT COVERS IN THE ROAD RESERVE ARE TO BE CLASS C FIBREGLASS REINFORCED PLASTIC (FRP) UNLESS NOTED OTHERWISE.

Rev	Amendment	Des/Dft	App'd	Date
A	Initial Issue	GP/DP	MG	16/03/22
1	Approved for construction	GP/DP	MG	24/05/22
2	As constructed	GP	MG	17/03/23

Principal



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Council		City of Greater Geelong		Scale @ A1:	
Project		Harriott at Armstrong Creek Stage 6			
Title		Pit Schedule		Drawing No. 0352-06-R23	
Designed: G.Pratt		Authorised: M.Graham		Sheet 23 of 23	Rev 2
Drafted: D.Pratt		Date: February 2022			