

OAK GROVE ESTATE - STAGE 07

GOLDMATE GROUP

CITY OF CASEY

CONSTRUCTION NOTES

SITE MANAGEMENT

- A1. Prior to commencement of works on site, the contractor must ensure that all matters relating to the Occupational Health & Safety Act 2004, including all relevant regulations, have been addressed. In particular, the required notifications must be conveyed to the Worksafe Victoria - Health & Safety division with respect to trenching operations. Details of the contractors occupational health & safety procedures must be lodged with the superintendent prior to commencement of works.
- A2. All native trees & shrubs to be retained unless road construction necessitates their removal or removal is directed by the engineer. A town planning permit is required for the removal of native trees & / or vegetation. The removal or retention of any existing trees must be in accordance with the approved landscape plan, or else approval will be required from the City of Casey landscape approvals officer.
- A3. Existing dam or watercourses to be excavated to a firm base & backfilled as specified. Consulting engineer to be notified when the dam or watercourses are excavated to a firm base. No filling is to be placed prior to dams being inspected & levels taken. Backfilling is to be carried out to the satisfaction of the Council supervising engineer.
- A4. Prior to commencement of works, the contractor must submit a Site Management Plan (SMP) to the consultant for approval. The contractor must comply with the recommendations of the Environment Protection Authority publication No.275 "Construction techniques for sediment pollution control". Appropriate siltation control is to be maintained throughout the construction & maintenance period of the works.
- A5. Provide temporary safety barrier fence (Farm Fence as per MW Std Dwg 7251/08/203) along extent of outfall drain where the drain is greater than 1.5m in depth & side slopes are steeper than 1 in 3. Safety fence to remain until permanent underground drainage is installed.
- A6. A temporary fence shall be erected & maintained around existing trees, nominated to be retained, at all times during construction.
- A7. Contractor to remove existing irrigation & drainage pipes & pits encountered on site. Trenches to be backfilled in accordance with notes C2 & C3.

GENERAL

- B1. All works to be carried out in accordance with AS2124-1992 general conditions of contract & the City of Casey current specification & standard drawings & to the satisfaction of the City of Casey works supervisor.
- B2. Council to be notified two (2) clear days prior to commencement of works.
- B3. Before commencement of works on trenches in excess of 1.5m deep, the civil contractors construction supervisor must give notice in writing of such proposals to Worksafe Victoria in accordance with Part 5.1, Division 4 of the Occupational Health & Safety regulations (2017) & undertake safety precautions in trenching operations in accordance with Worksafe Compliance Code - Excavations Edition 2, December 2019.
- B4. Lots to be graded (1 in 150 min slope) & left clean to the satisfaction of the engineer. Finished levels to be compatible with lots adjoining this stage.
- B5. On completion the contractor is responsible for the removal of all rubbish & spoil from site. No surplus trees, vegetation or other material is to be burnt on site.
- B6. Reserves to be free draining & to be left in a condition satisfactory to the City of Casey works supervisor.
- B7. Where works are in the vicinity of existing services these services are to be located & the various authorities notified prior to the commencement of works.
- B8. All TBM's & control points are to be maintained & protected at all times during construction. Should any marks be disturbed, the contractor will immediately notify the consultant to arrange re-instatement at the contractors expense.
- B9. Provide painted paling fence along any boundary common to lots & municipal reserves as per Council Std. Dwg. S-706. Palings to be on the reserve side.
- B10. As constructed plans and electronic asset information in D-Spec and R-Spec format must be submitted to Council prior to practical completion.
- B11. An environmental management plan (EMP) must be submitted to and approved by Council prior to the commencement of any works on site and all works must be carried out in accordance with this EMP.
- B12. A traffic management plan (TMP) must be submitted to, and approved by council prior to the commencement of any works on site and all traffic management must be carried out in accordance with this TMP.
- B13. 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 detail of depth, type of material and density of the fill areas concerned.
- B14. Temporary crushed rock turn around areas must be maintained in a safe and sound condition so that vehicles area able to use them at all times.
- B15. All council reserves must be provided with connections for drainage, sewerage, electricity & other services.

ROADWORKS

- C1. 100e agricultural pipe drains (MPA standard drawing EDCM 202) to be placed behind all kerb & channel & buffer pitchers & where directed by the engineer.
- C2. Filling in all properties & road reserves is to be carried out using approved clay fill. Top soil & all vegetable matter to be stripped from site prior to filling. All filling to be carried out in accordance with AS3798-2007 and the geotechnical report. Level 1 inspection and testing to be carried out in accordance with AS3798-2007 Section 8.2. A fill report must be submitted to the Consultant, showing from a NATA registered soil testing laboratory.

- C3. Importing Fill:- All imported fill must be tested by a NATA approved laboratory to ensure it is suitable for use on site, & any contaminants are within accepted levels. Under no circumstances should fill material enter or leave the site without the permission of the supervising engineer & Council works supervisor, prior to it being appropriately tested. All vehicles transporting fill material to & from the site must have appropriate measures in place to ensure that material does not get onto roads & into stormwater systems & natural waterways.
- C4. Batters to be 1 in 5 for fill & 1 in 3 for cut unless noted otherwise.
- C5. Cut batters are to be grassed & mulched with a mixture of chopped grass, straw & bitumen emulsion.
- C6. Where cut batters exceed 700mm an additional 300mm berm shall be formed behind footpath.
- C7. Access ramps are to be constructed where cut batters exceed 1.0m. They are to be graded 1 in 10 for the first 2.5m from the back of path & then at a maximum of 1 in 4 to natural surface.
- C8. The water conduit offset from the lot boundary is given on the water reticulation plan. The contractor must construct conduits to accord with the given offset & ensure that the concrete marks the kerb & footpath exactly above the conduit.
- C9. Irrigation conduits are to be DN100 DWV PVC installed beneath the pavement and/or capping layer, if present. Locations are to be marked using a green dot spray painted on the top of kerb.
- C10. All footpaths are to be 125mm thick 25MPa concrete with SL72 mesh centrally located in accordance with the MPA standard drawing EDCM 401.
- C11. NBN Co to be notified seven (7) days prior to concrete works being placed.
- C12. Electrical distribution pits within footpaths are to be a minimum of 300mm within the edge of the path. Concrete is to be placed around distribution pits to a minimum depth of 200mm.
- C13. All street signs to be constructed & erected to current City of Casey standards including logo. Court street names are to show court name only.
- C14. Traffic control signs, markings & delineators to be installed in accordance with AS1742.2. All line marking is to be long life road marking, with longitudinal lines in thermoplastic & transverse markings in cold applied.
- C15. Driveways to be constructed in accordance with the MPA standard drawings EDCM 501 & EDCM 502. Single driveways to be a minimum 3.5m wide & to be offset 0.75m from side boundary or easement unless otherwise shown.
- C16. Kerb transition to take place in the minor street over a 2.0m length from either the tangent point or TP pit.
- C17. Existing road works to be reconstructed as required to provide, without discontinuity, a connection in accordance with design levels & grades.
- C18. Provide 2.5m wide shared footpath through reserves as shown on a curvilinear alignment to the satisfaction of the engineer.
- C19. Tactile ground surface indicators (TGSi) are to be installed at all pram crossings & pedestrian cross points in accordance with AS1428.4.1 : 2009 & MPA standard drawing EDCM 403.

DRAINAGE

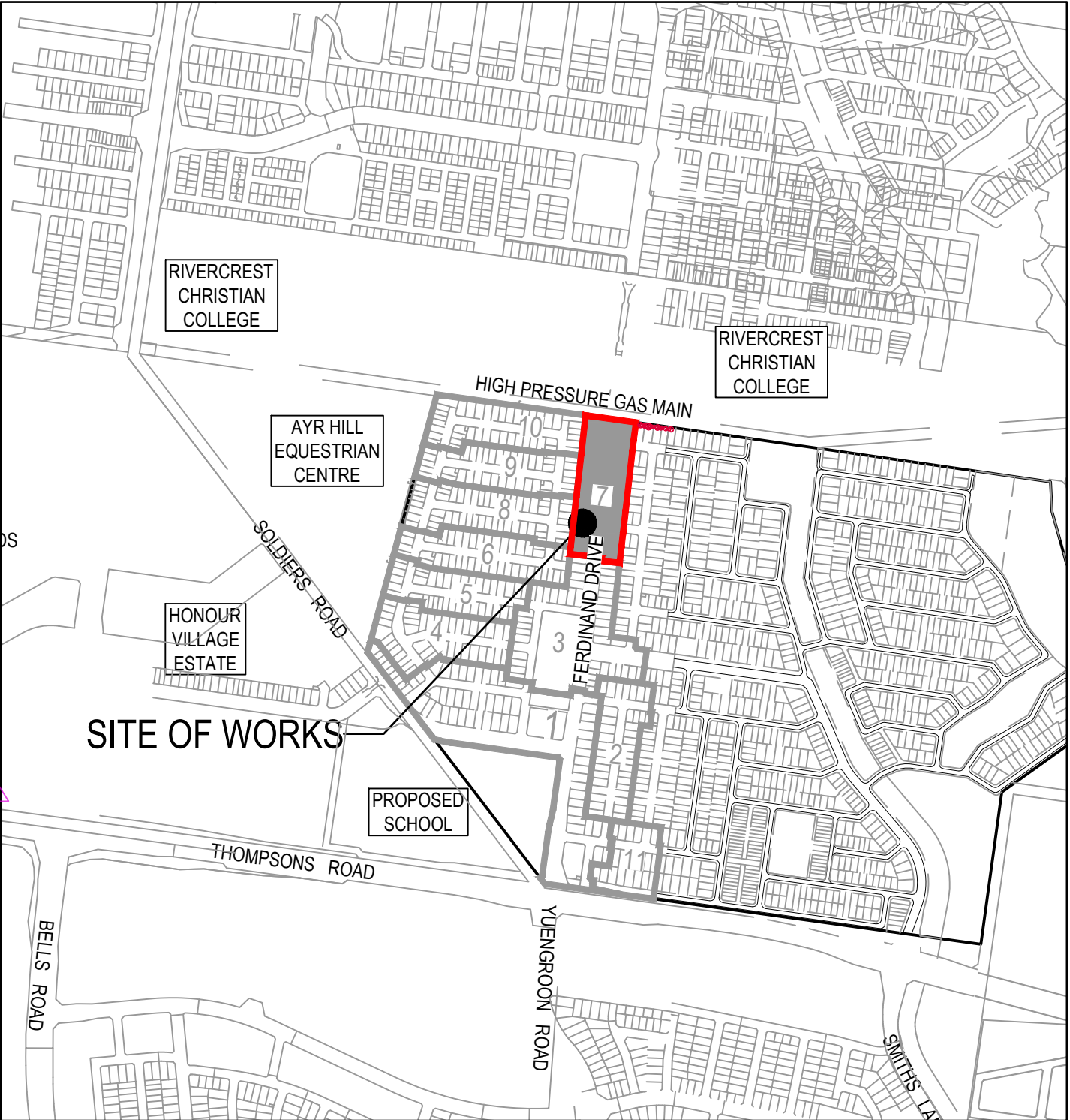
- D1. Drainage & pits to be set out from offsets shown rather than from centreline pipe chainages.
- D2. Lightweight fibreglass type pit lids are required for all drainage pits & all grates for pits are to be Class D, to comply with AS3996 - 2019 unless otherwise shown. All drainage works are to be constructed to council specifications.
- D3. All pipes up to and including 750mm in diameter shall be rubber ring jointed (RRJ). Pipes above this size may be flush jointed with external sealing bands. For pipes greater than 900mm and changes in direction between 2 connecting pipes exceeding 10° construct segmented curves using splayed pipes with bandage joints, having deflections within the manufacturer's specification.
- D4. All pipes to be Class 2" R.C. unless noted otherwise. PVC pipes to be Class SH unless specified.
- D5. Pipe trenches beneath the road pavement, footpath or within 150mm of the kerb & channel to be backfilled with 20mm Class 3 FCR in 150mm layers.
- D6. Property inlets to be constructed as per MPA standard drawing EDCM 701 – EDCM 704.
- D7. All proposed drainage stubs to be blanked off at end of pipe with timber planks to the satisfaction of the supervising engineer.
- D8. A CCTV report must be provided for all drainage lines prior to issue of practical completion.

PAVEMENT

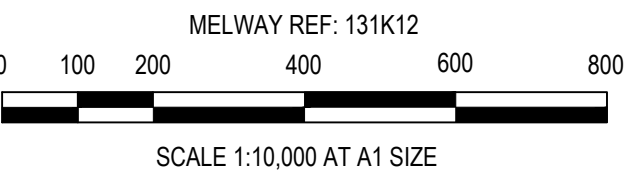
- E1. Modification of the pavement requires approval by the City of Casey works supervisor & geotechnical engineer.

DRAWING INDEX

DRAWING No.	TITLE	REVISION
1800297-07-001	COVER SHEET	C
1800297-07-002	GENERAL DETAILS (SHEET 1 OF 3) TYPICAL ROAD CROSS SECTIONS	A
1800297-07-003	GENERAL DETAILS (SHEET 2 OF 3) PAVEMENT MAKEUP DETAILS	A
1800297-07-004	GENERAL DETAILS (SHEET 3 OF 3)	B
1800297-07-010	LAYOUT PLAN (SHEET 1 OF 3)	C
1800297-07-011	LAYOUT PLAN (SHEET 2 OF 3)	C
1800298-07-012	LAYOUT PLAN (SHEET 3 OF 3)	B
1800297-07-100	ROAD LONGITUDINAL SECTIONS (SHEET 1 OF 2)	A
1800297-07-101	ROAD LONGITUDINAL SECTIONS (SHEET 2 OF 2)	A
1800297-07-200	ROAD CROSS SECTIONS FERDINAND DRIVE (SHEET 1 OF 3)	A
1800297-07-201	ROAD CROSS SECTIONS FERDINAND DRIVE (SHEET 2 OF 3)	A
1800297-07-202	ROAD CROSS SECTIONS FERDINAND DRIVE (SHEET 3 OF 3)	A
1800297-07-203	ROAD CROSS SECTIONS GORTION STREET & UMA STREET	A
1800297-07-300	INTERSECTION DETAILS (SHEET 1 OF 4)	A
1800297-07-301	INTERSECTION DETAILS (SHEET 2 OF 4)	B
1800297-07-302	INTERSECTION DETAILS (SHEET 3 OF 4)	A
1800297-07-303	INTERSECTION DETAILS (SHEET 4 OF 4)	A
1800297-07-350	SIGNAGE & LINE MARKING PLANS	B
1800297-07-400	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 4)	A
1800297-07-401	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 4)	A
1800297-07-402	DRAINAGE LONGITUDINAL SECTIONS (SHEET 3 OF 4)	A
1800297-07-403	DRAINAGE LONGITUDINAL SECTIONS (SHEET 4 OF 4)	A
1800297-07-404	PIT SCHEDULE & TYPICAL HAUNCHING PIT DETAILS	B
1800297-07-450	PASSIVE IRRIGATION PLAN (SHEET 1 OF 3)	A
1800297-07-451	PASSIVE IRRIGATION PLAN (SHEET 2 OF 3)	B
1800297-07-452	PASSIVE IRRIGATION PLAN (SHEET 2 OF 3)	A



SITE PLAN



Survey Origin:

BEARING DATUM - PROJECT MGA2020 DATUM

CO-ORDINATE DATUM - PROJECT MGA2020 DATUM
CO-ORDINATES SHOWN HEREON AND CO-ORDINATES COMPRISING THE DIGITAL DATA ARE SPECIFIC TO THIS SITE ONLY AND ARE HORIZONTAL GROUND DISTANCES.

LEVEL DATUM - AUSTRALIAN HEIGHT DATUM (AHD)
BASED ON CRANBOURNE PM 75 - RL: 29.719 (03/04/2019 - SMES) AND CONFIRMED TO DVA 81/1 - RL: 28.590 (03/04/2019 - SMES).

CONTROL POINTS SHOWN HEREON HAVE BEEN DERIVED FROM LEVEL & STAFF SURVEY AND HAVE A RELATIVE ACCURACY OF ± 0.005m.

ISSUED FOR
CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
C	AMENDED DRAWING INDEX	07.08.26	HW	NM					
B	AMENDED DRAWING INDEX	04.05.26	KL	NM					
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					

Goldmate

OAK GROVE
CLYDE NORTH

Designed
Date
Drawn
Checked
Date
Approved
Reg. No.
Date
PS Number

H.PHAM
02.05.2025
H.PHAM
K. LEE
05.05.2025
N. MARTENS
PE0008272
05.05.2025
PS922137F



Beveridge Williams

Development & Infrastructure Consultants

1 Glenferrie Road
Malvern VIC 3144

ph: 03 9524 8888
www.beveridgewilliams.com.au

Project
Details

OAK GROVE ESTATE
STAGE 07
CITY OF CASEY

Drawing
Title

COVER SHEET

Sheet 01 of 26

Scale

1:10000 @ A1

Project Ref

Stage No

Drawing No

Rev

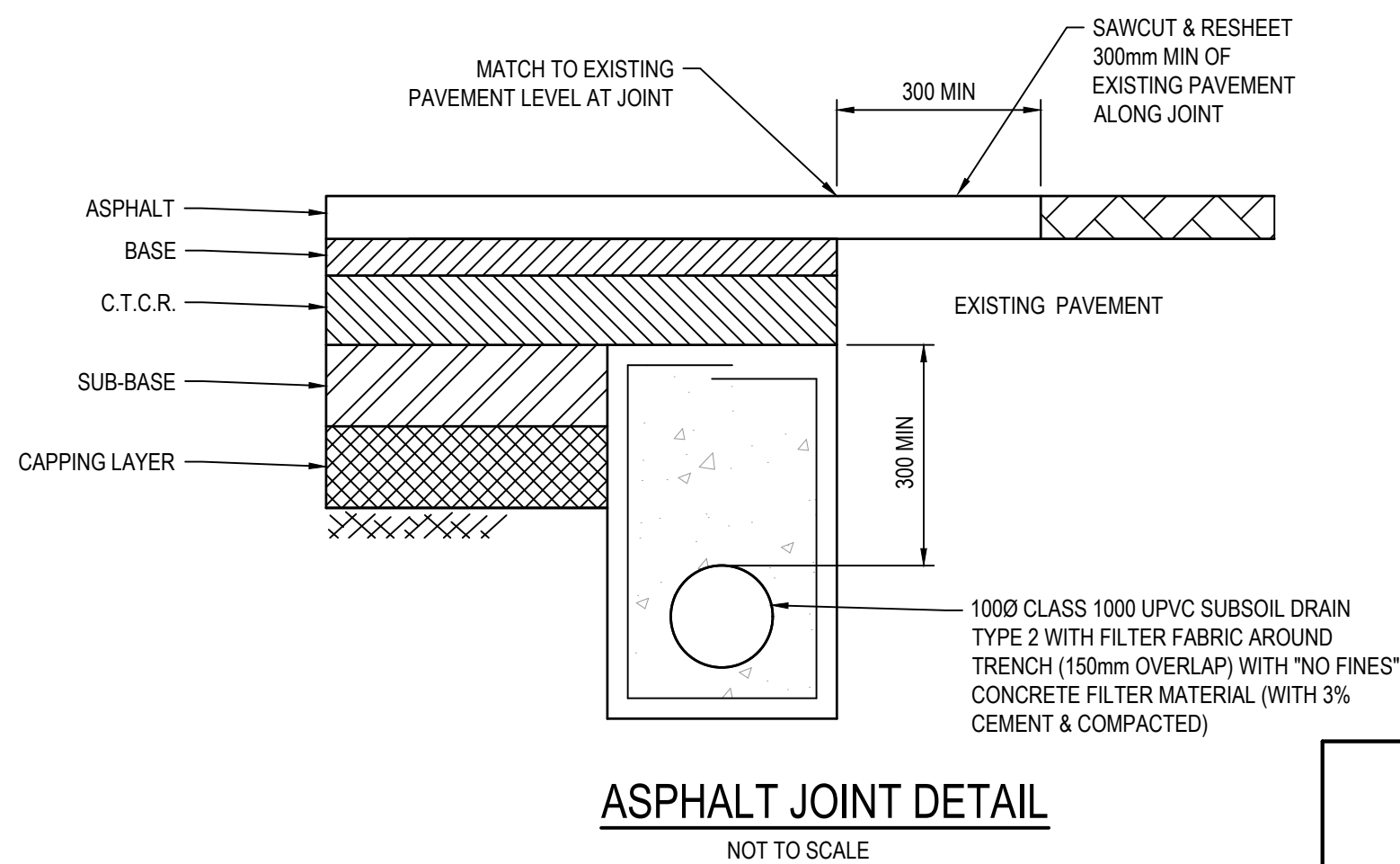
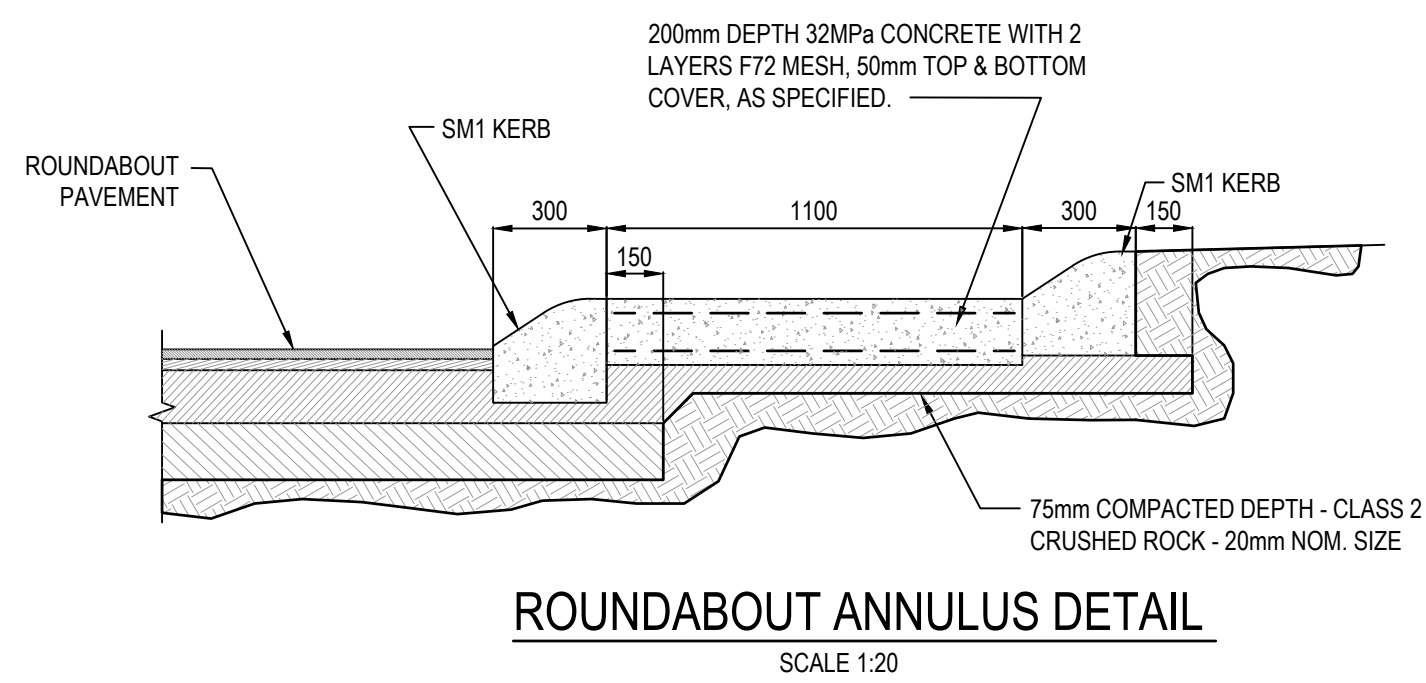
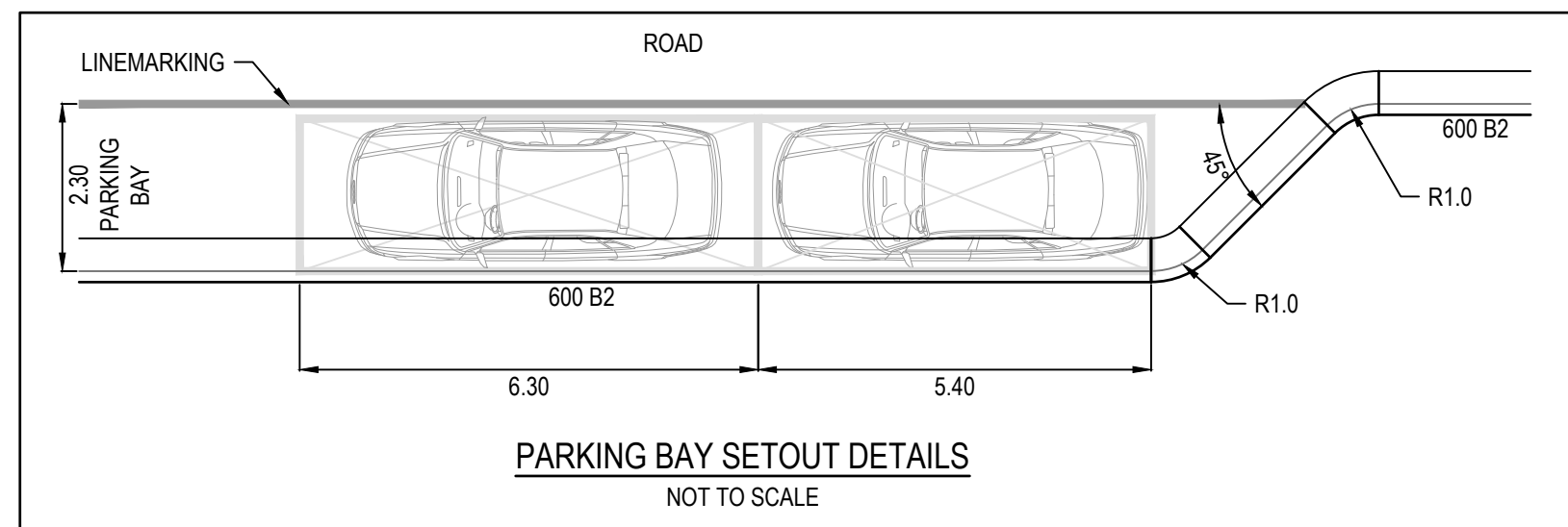
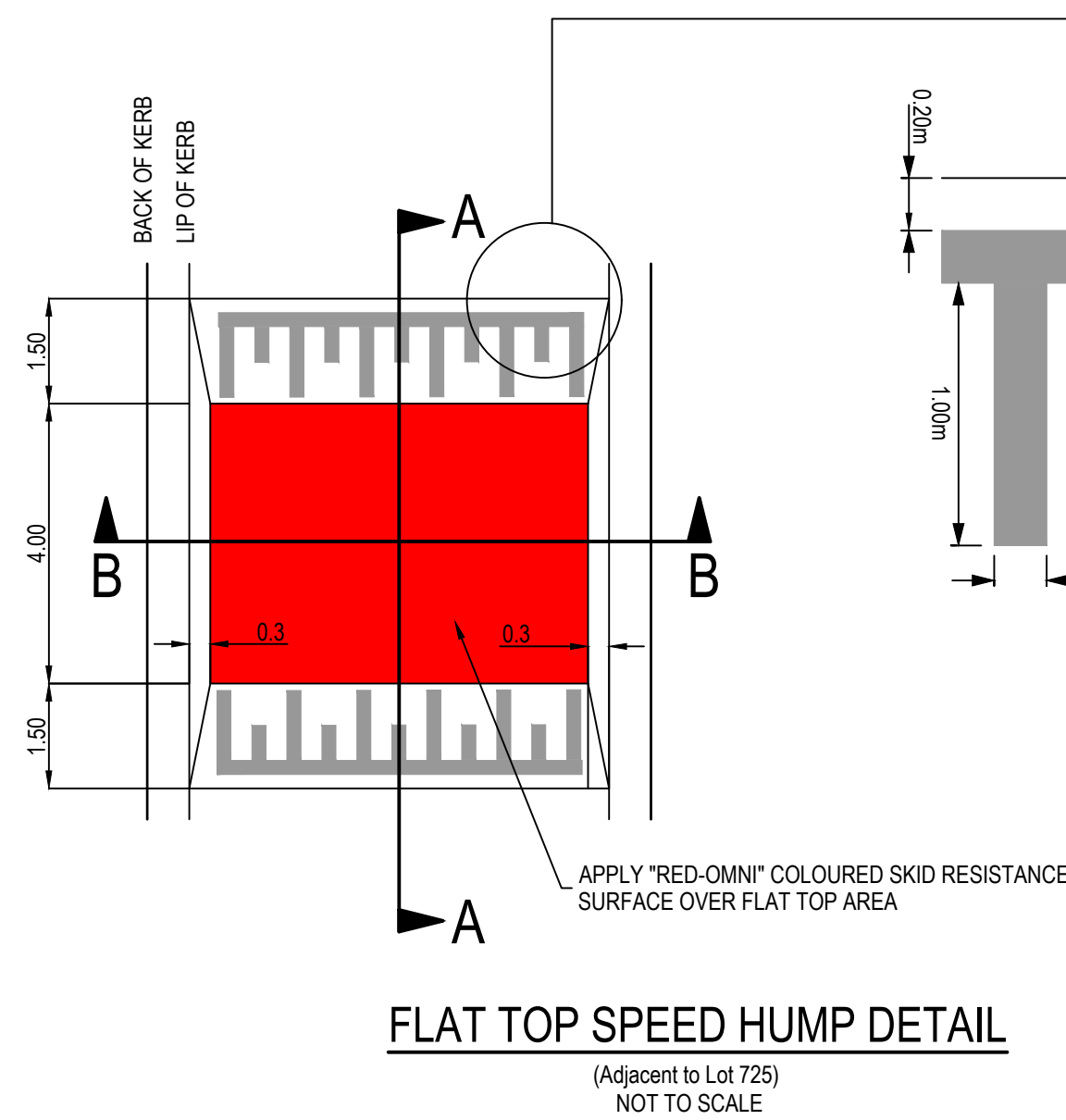
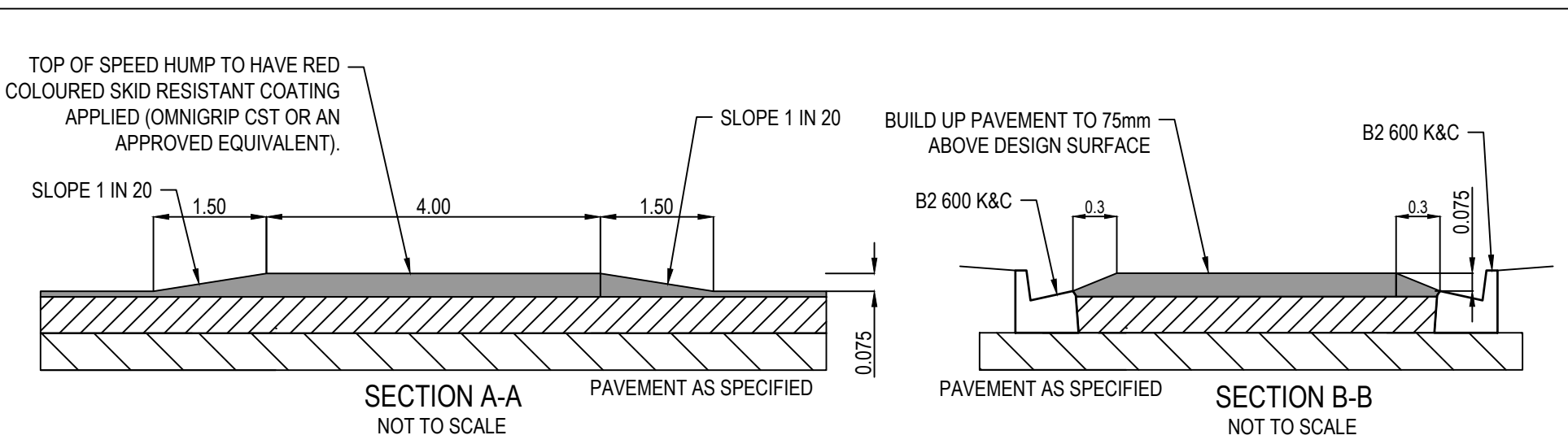
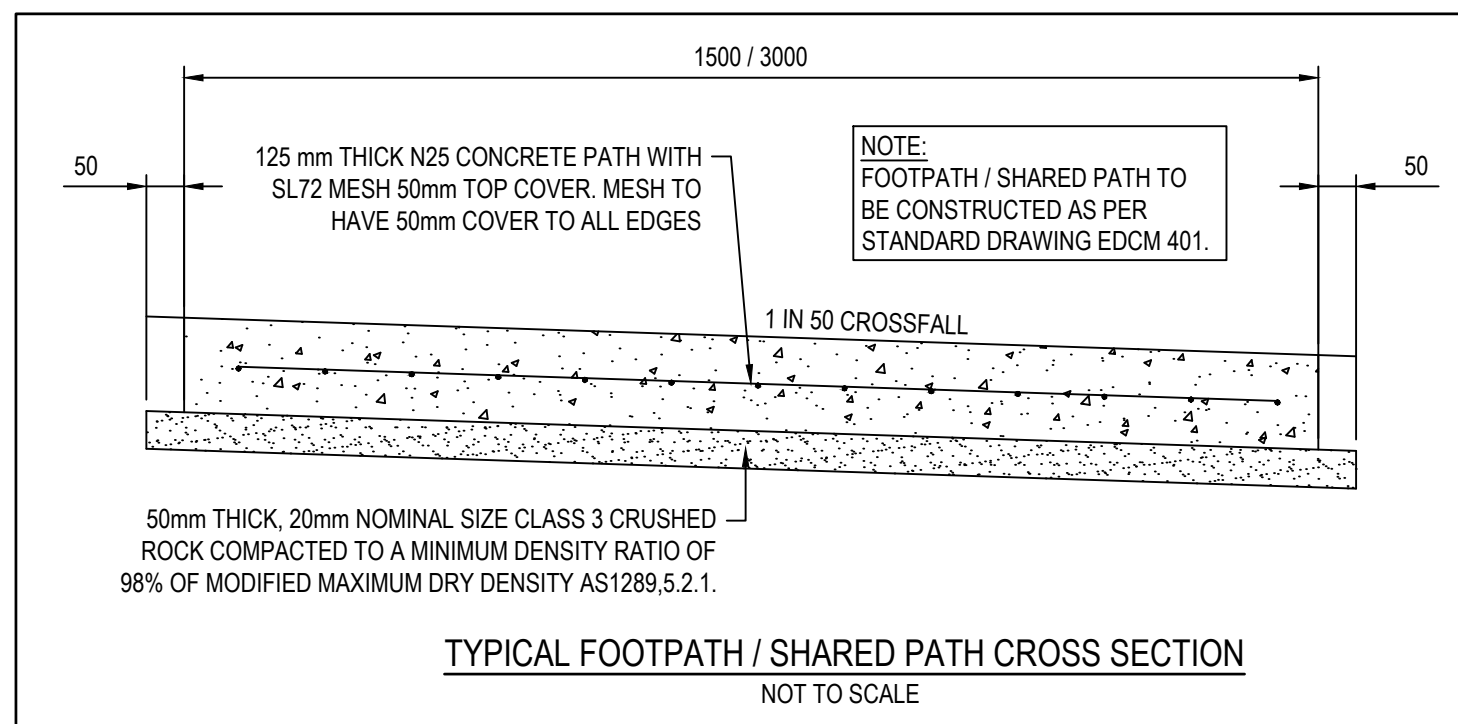
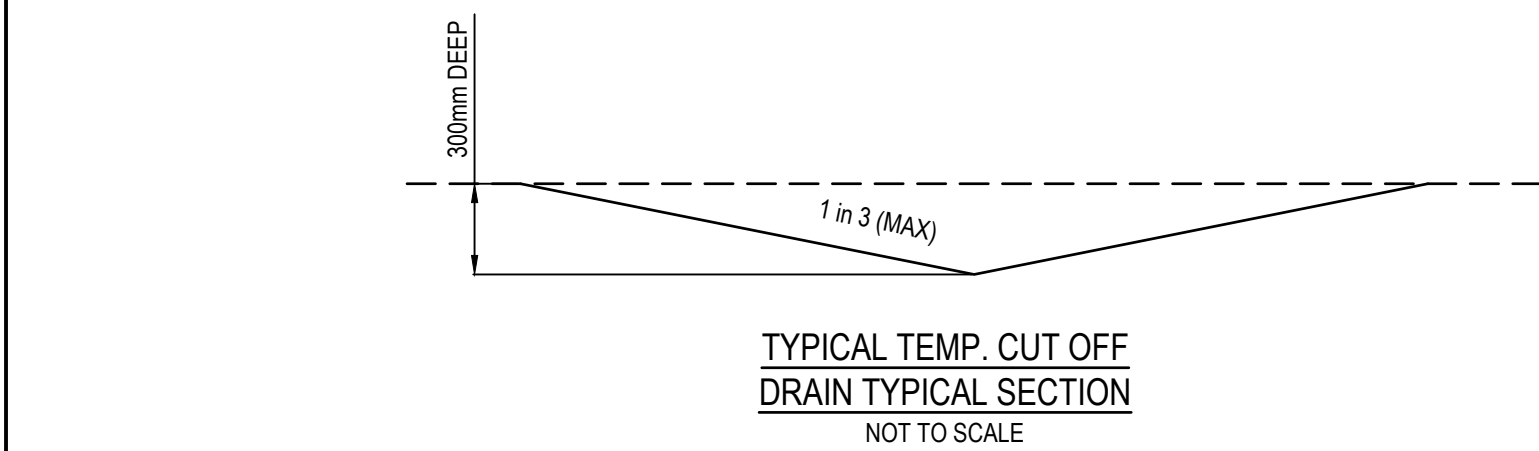
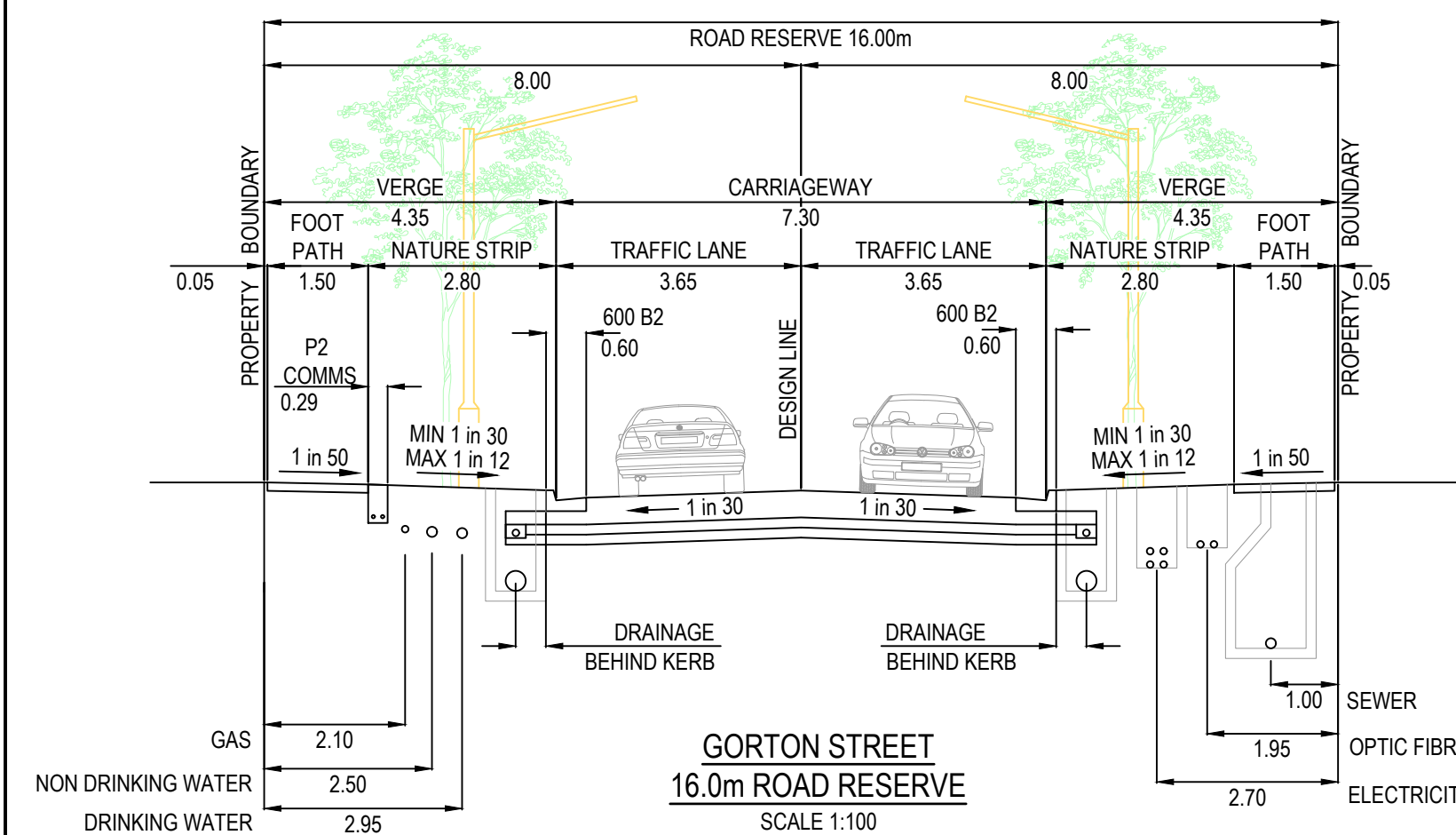
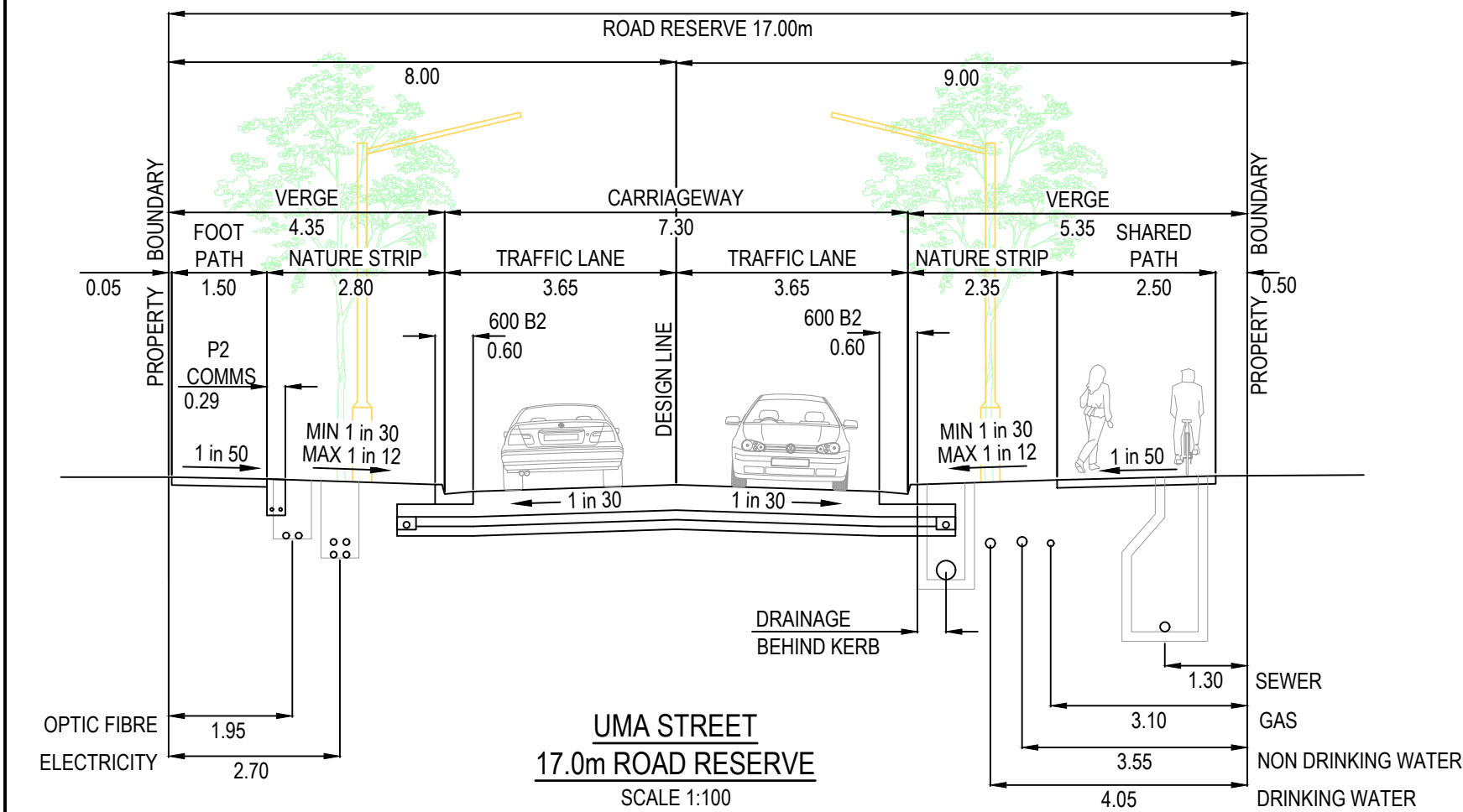
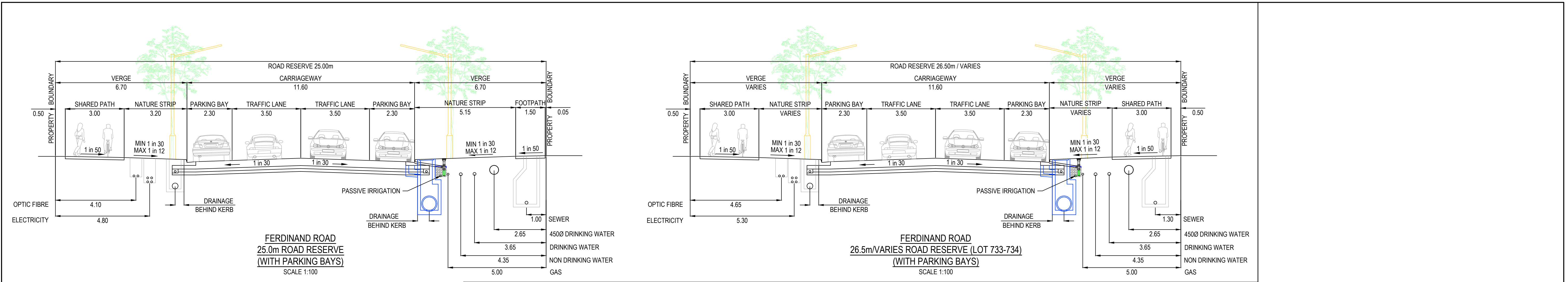
1800297

07

001

C





© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					
REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP

Goldmate

OAK GROVE
CLYDE NORTH

Designed
Date
Drawn
Checked
Date
Approved
Reg. No.
Date
PS Number

H.PHAM
02.05.2025
H.PHAM
K. LEE
05.05.2025
N. MARTENS
PE0008272
05.05.2025
PS922137F

BW

Beveridge Williams

Development & Infrastructure Consultants

1 Glenferrie Road
Malvern VIC 3144

ph: 03 9524 8888
www.beveridgewilliams.com.au

Project
Details
Drawing
Title

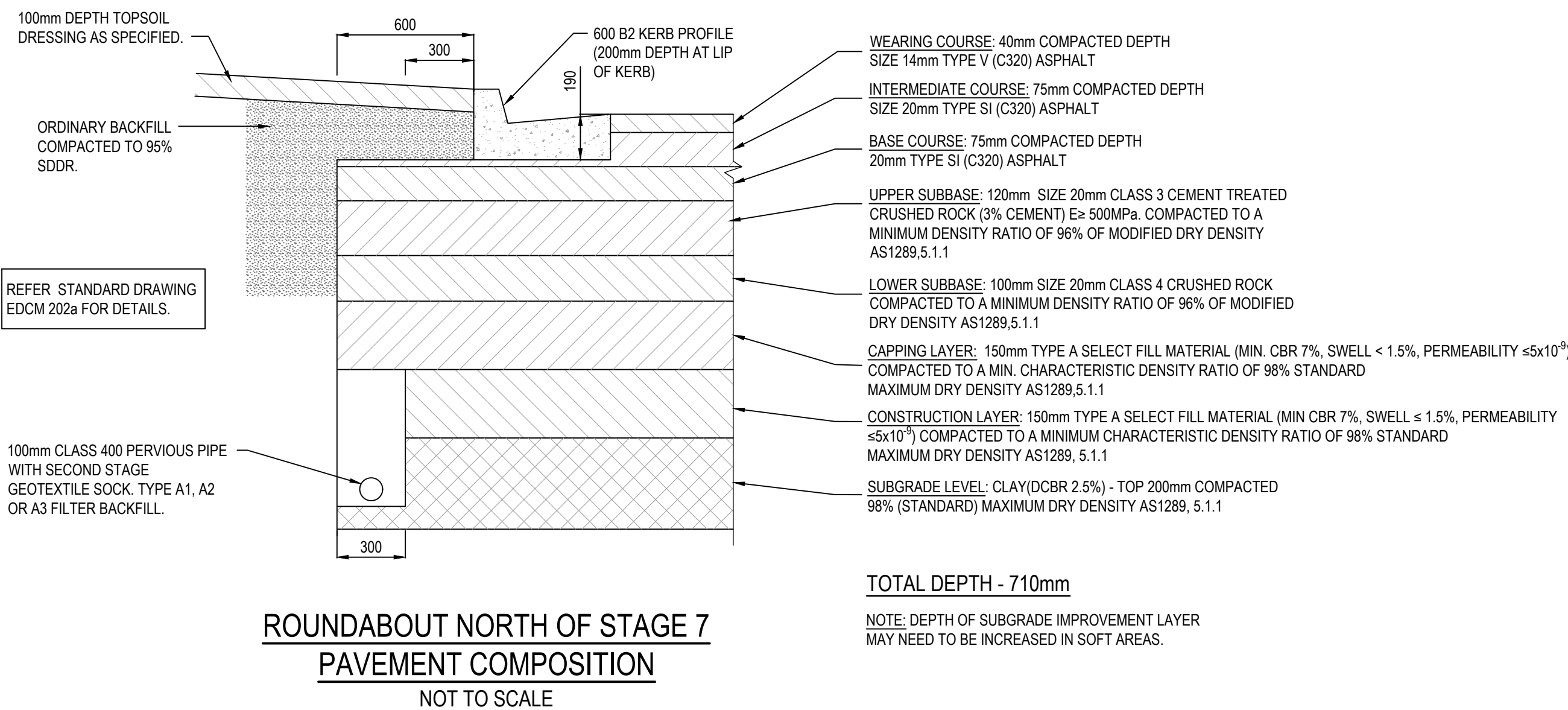
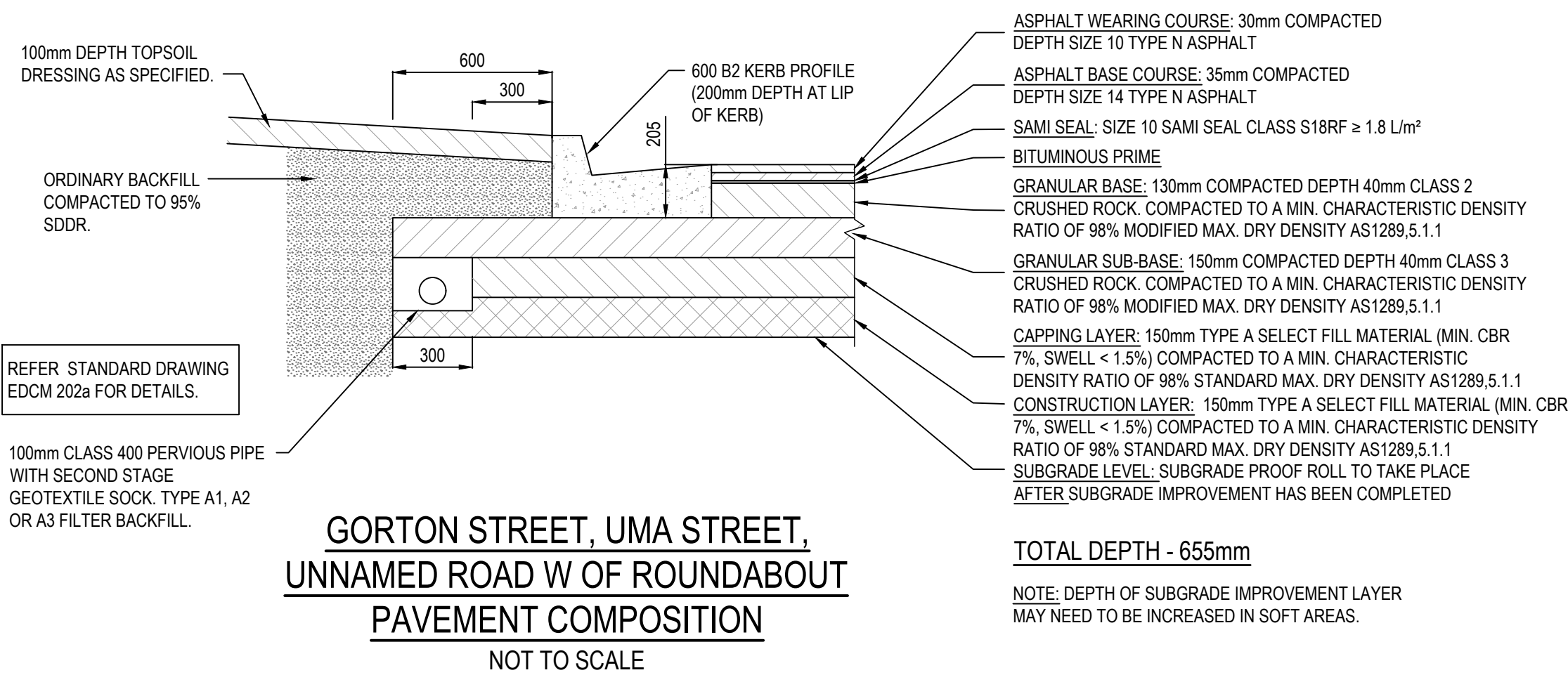
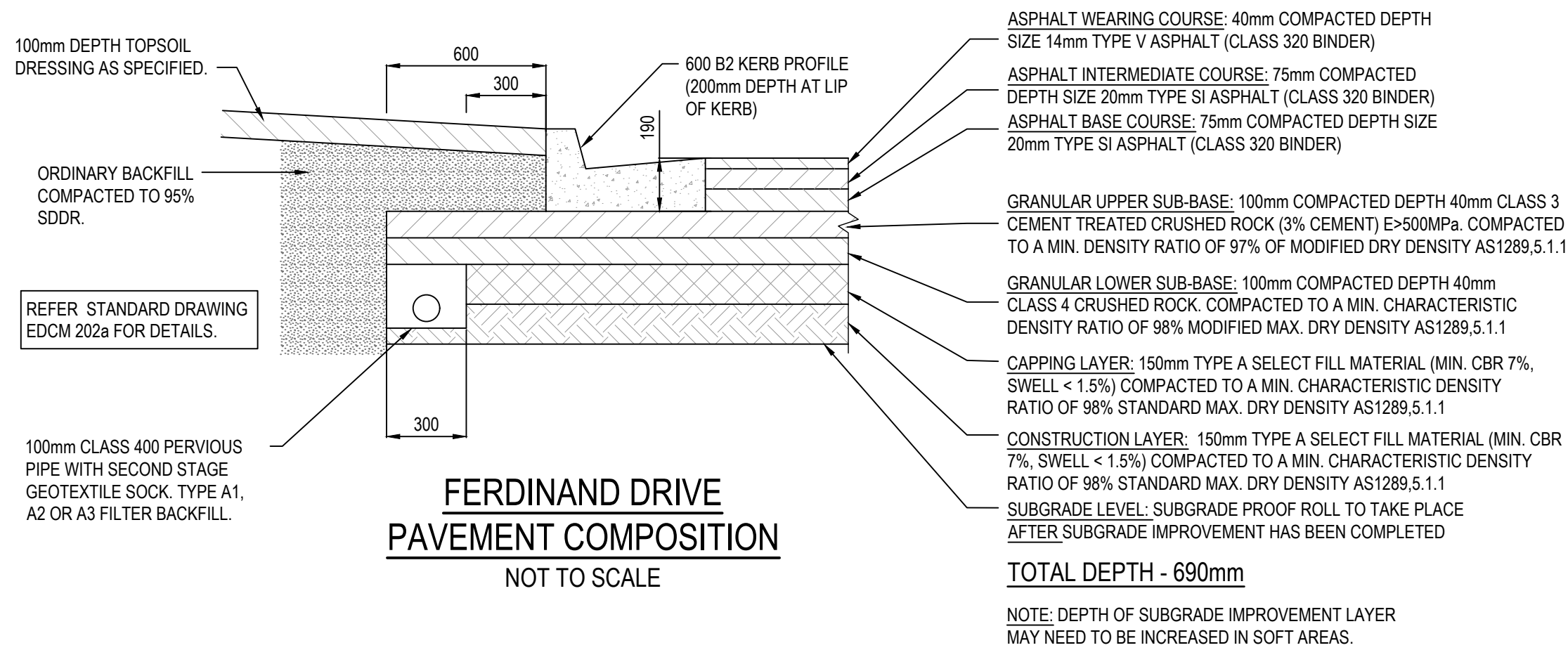
OAK GROVE ESTATE
STAGE 07
CITY OF CASEY
GENERAL DETAILS
(SHEET 1 OF 3)
TYPICAL ROAD CROSS SECTIONS

Sheet 02 of 26
Scale
AS SHOWN
Project Ref
Stage No
Drawing No
Rev

1800297
07
002
A

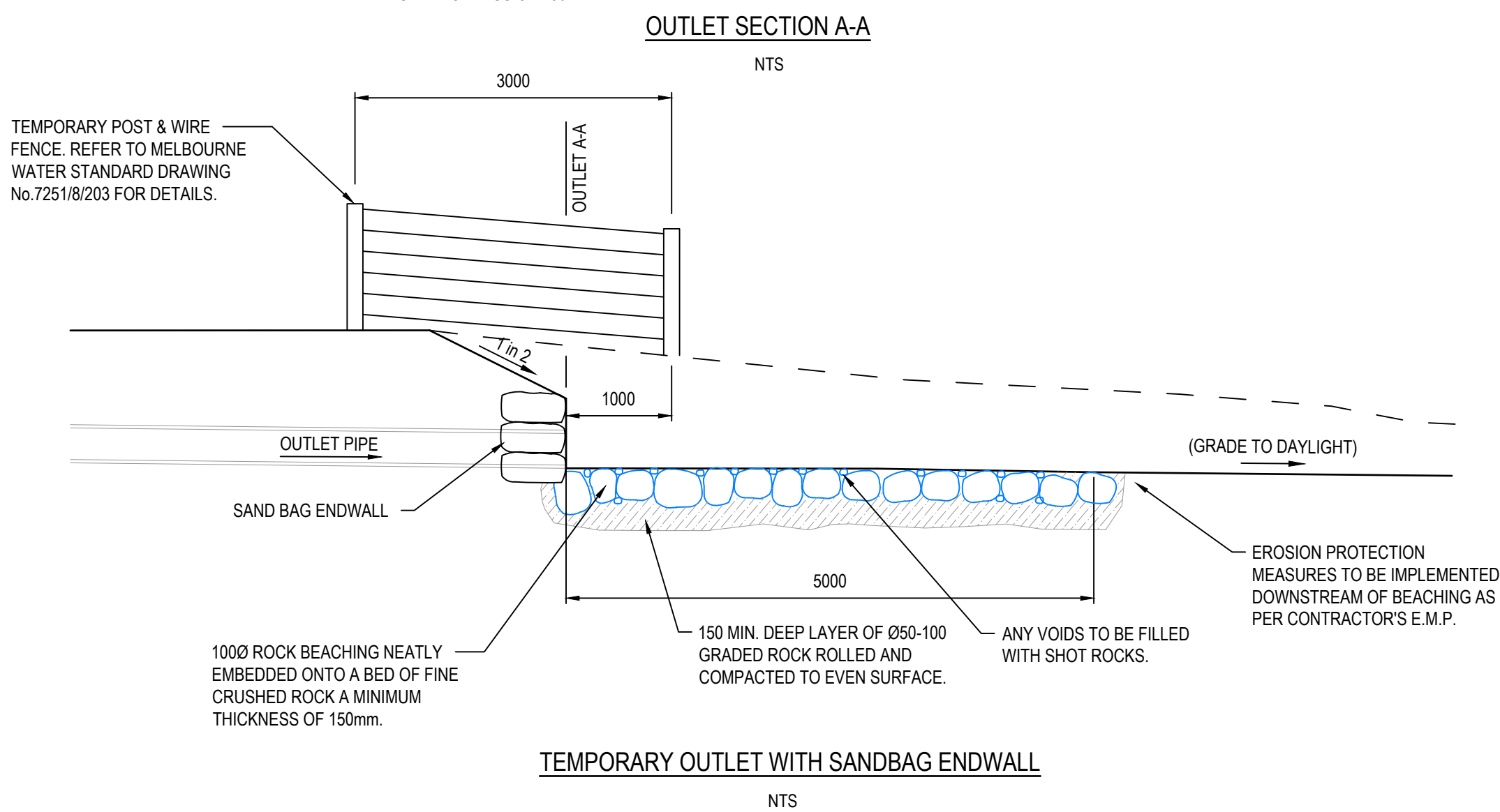
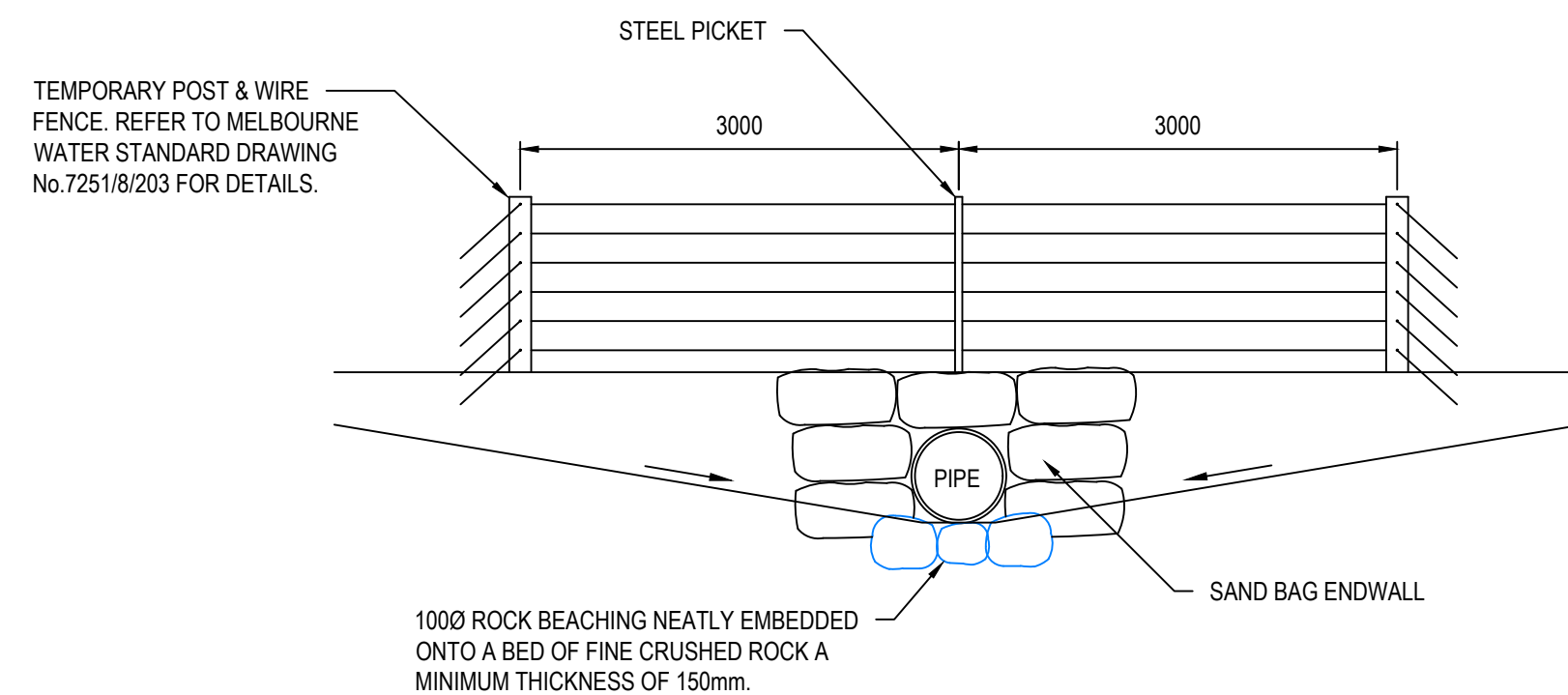
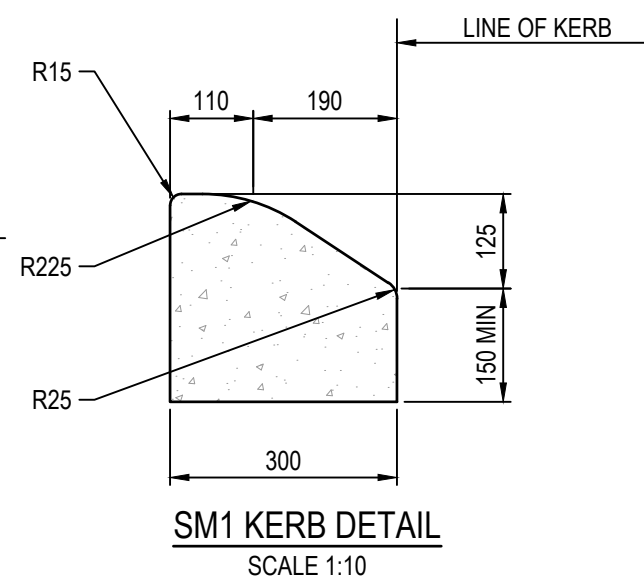
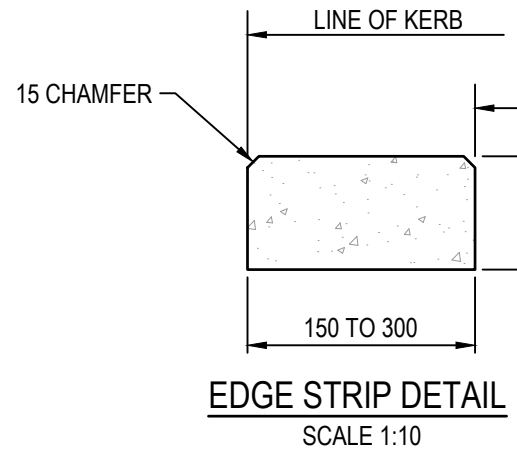
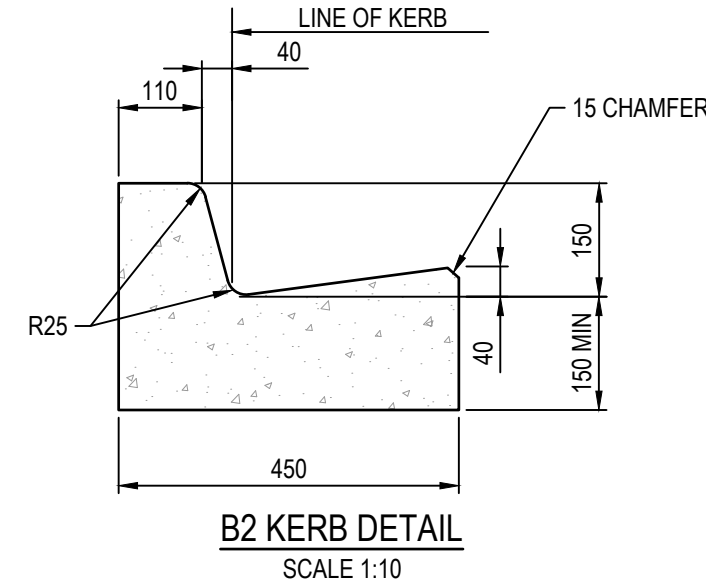
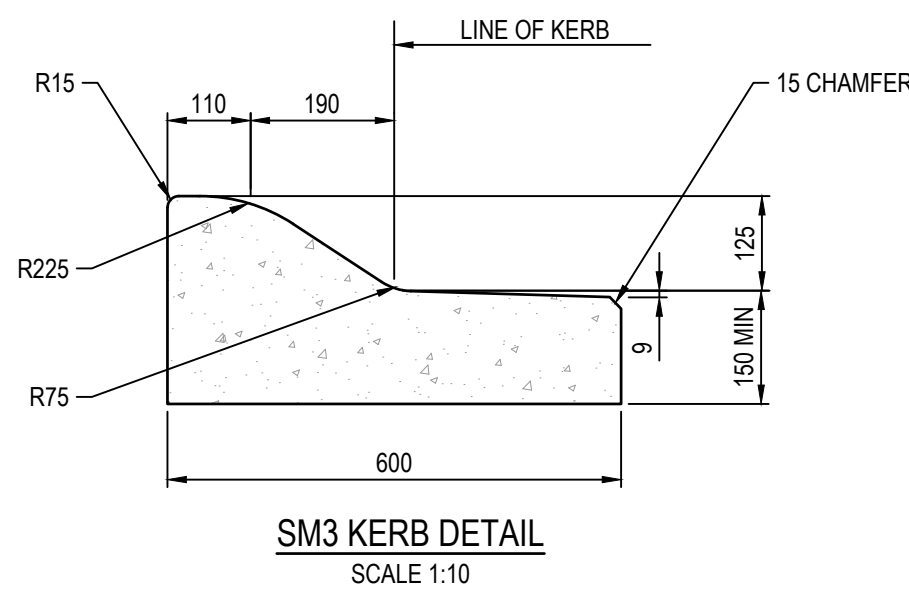
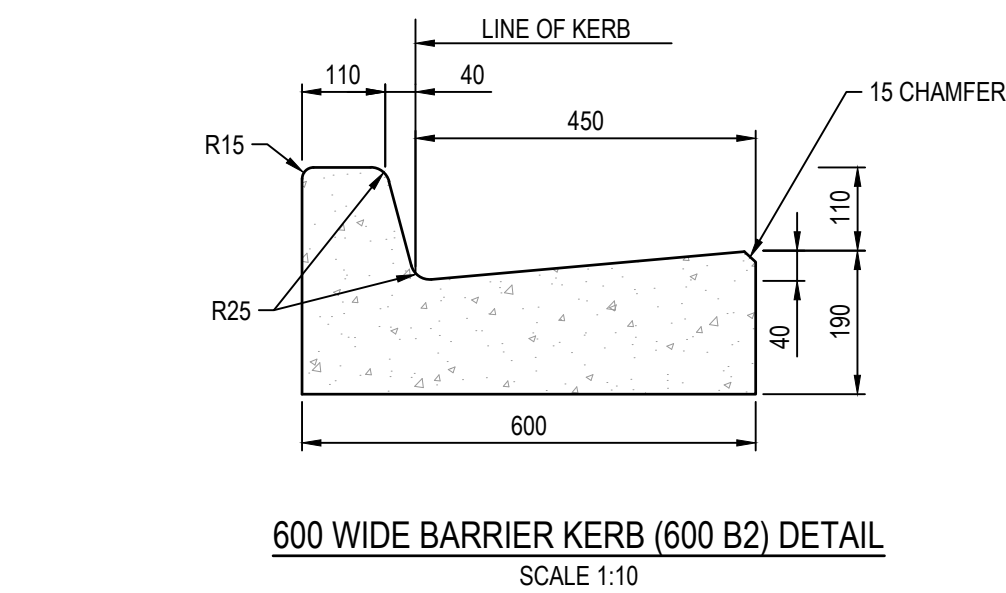
ISSUED FOR CONSTRUCTION

K:\jobs data\1800297 - 2175 Smiths Lane & 2125 Thompson Road, Clyde North, Eng\Stage 07\Drawings\1800297-07-002-DET.dwg



REFER TO GEOTECHNICAL INVESTIGATION REPORTS PREPARED BY TONKIN + TAYLOR FOR SOIL INVESTIGATION & PAVEMENT MAKEUP.

- 1019910-ENG-RPT-001.v2 & DATED SEP 2024, GOLDMATE ESTATE, THOMPSONS ROAD, CLYDE NORTH, GEOTECHNICAL INVESTIGATION.
- 1019910.2000-RPT-ENG-001.v1 DATED AUG 2025, GOLDMATE ESTATE DEVELOPMENT, CLYDE NORTH, PAVEMENT DESIGN ASSESSMENT.



ISSUED FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					

Goldmate

OAK GROVE
CLYDE NORTH

Designed
Date
Drawn
Checked
Date
Approved
Reg. No.
Date
PS Number

H.PHAM
02.05.2025
H.PHAM
K. LEE
05.05.2025
N. MARTENS
PE0008272
05.05.2025
PS922137F

BW Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project
Details
Drawing
Title

OAK GROVE ESTATE
STAGE 07
CITY OF CASEY
GENERAL DETAILS
(SHEET 2 OF 3)
PAVEMENT MAKEUP DETAILS

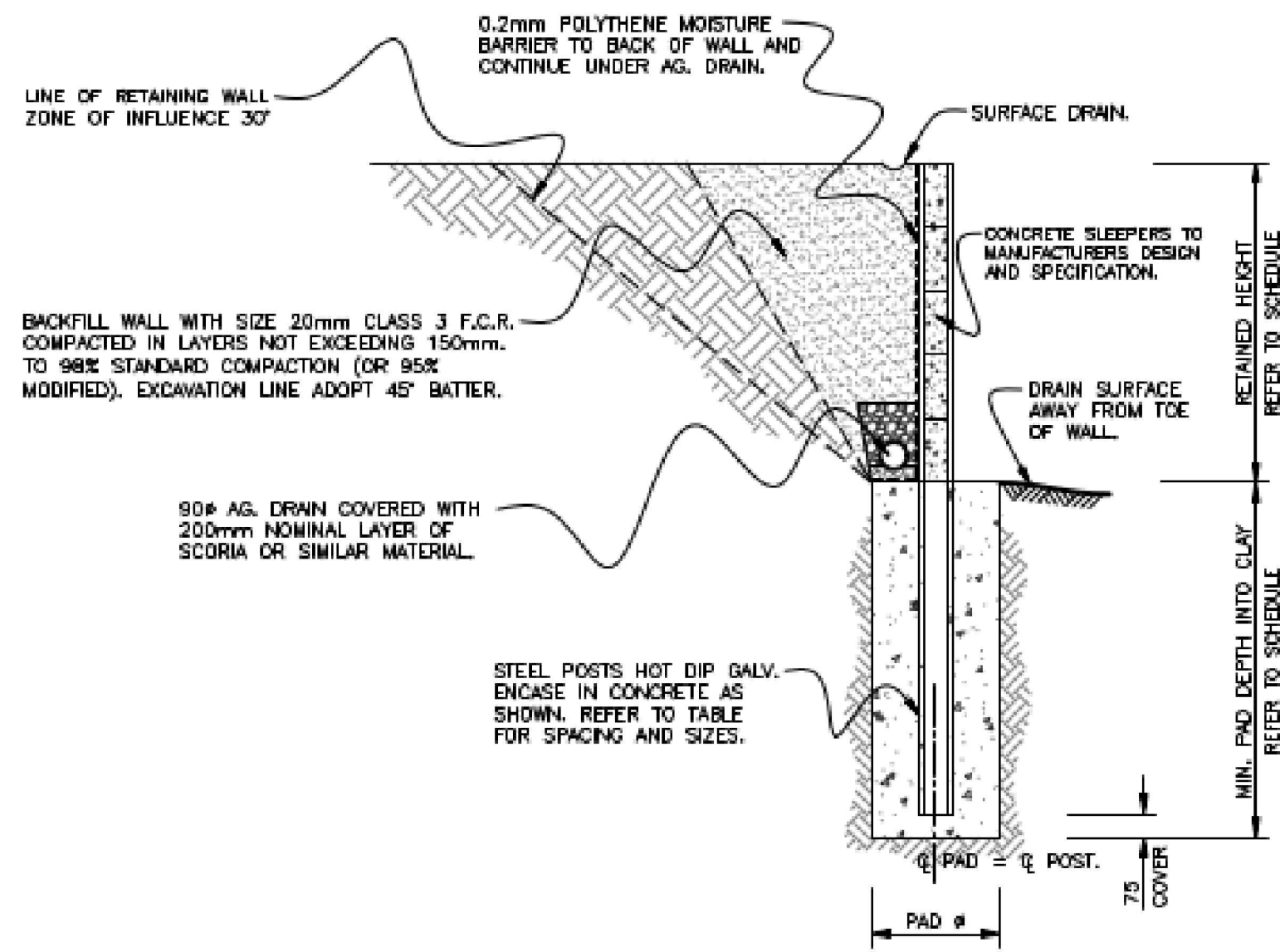
Sheet 03 of 26

Scale
AS SHOWN

Project Ref	Stage No	Drawing No	Rev
1800297	07	003	A

K:\jobs data\1800297 - 2175 Smiths Lane & 2125 Thompson Road, Clyde North_Eng\Stage 07\Drawings\1800297-07-002-DET.dwg

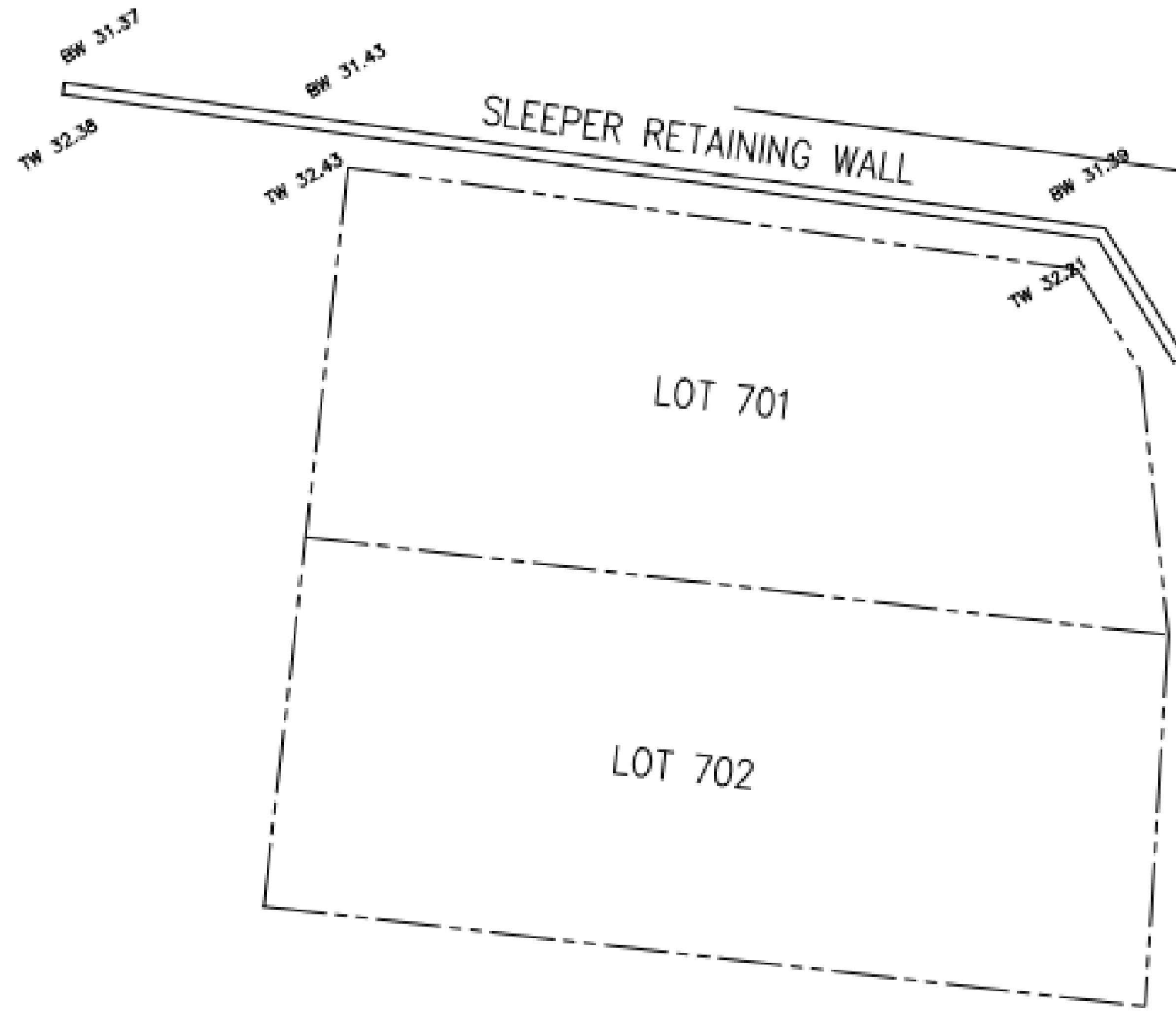
SLEEPER RETAINING WALL DESIGN - LOT 701



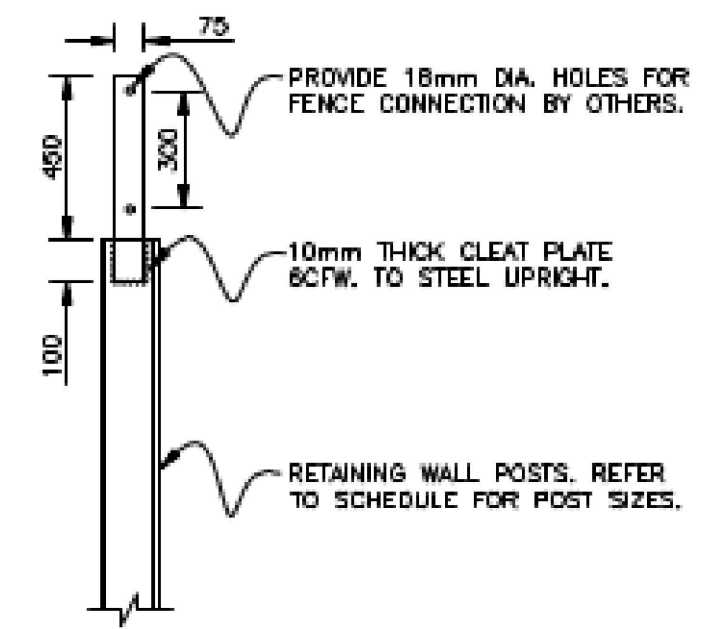
SLEEPER RETAINING WALL
NOTE:- REFER TO THE SITE DEVELOPMENT DRAWINGS FOR EXTENT OF RETAINING WALLS.

LOT 701 – SLEEPER RETAINING WALL SCHEDULE					
MAX. RETAINED HEIGHT	POST SIZE	POST CENTRES	PAD SIZE	PAD DEPTH	BEARING CAPACITY
1200mm	150 UC 23 GALVANIZED	2000 mm	450 DIA.	1600 MIN. DEEP	150 KPa MIN.
1000mm	150 UC 23 GALVANIZED	2000 mm	450 DIA.	1400 MIN. DEEP	100 KPa MIN.
800mm	100 UC 15 GALVANIZED	2000 mm	450 DIA.	1200 MIN. DEEP	100 KPa MIN.
600mm	100 UC 15 GALVANIZED	2000 mm	450 DIA.	1000 MIN. DEEP	100 KPa MIN.
400mm	100 UC 15 GALVANIZED	2000 mm	450 DIA.	800 MIN. DEEP	100 KPa MIN.

PAD FOOTINGS ARE TO BE FOUNDED FULL DEPTH INTO THE UNDERLYING NATURAL CLAY STRATUM.
SURCHARGE DESIGN LOAD – 5KPa 25 MPa CONCRETE.

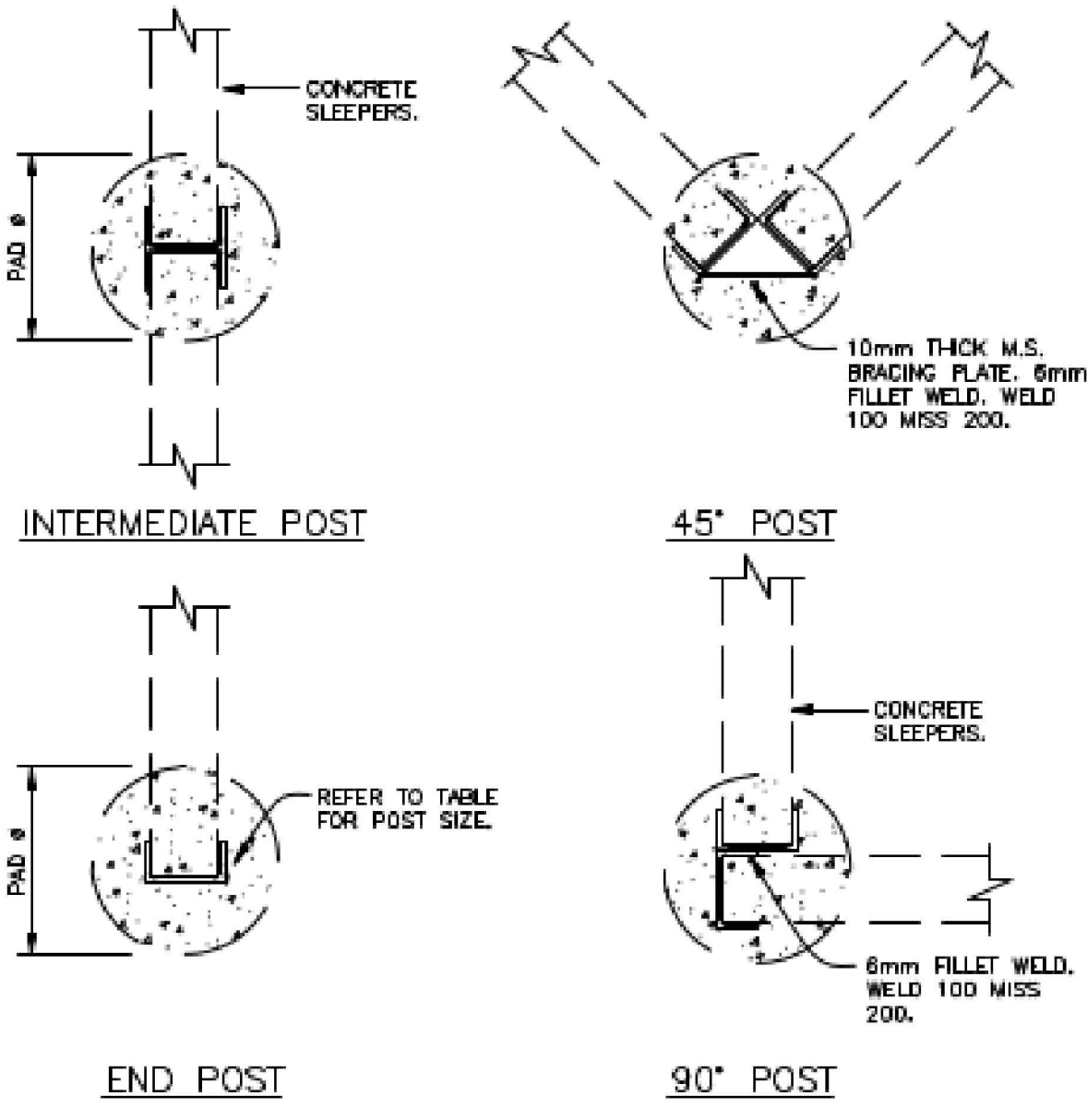


SITE PLAN



FENCE CONNECTION DETAIL

NOTE
FULL DETAILS TO STRUCTURAL DRAWINGS PREPARED BY STRUCTURE STUDIO CONSULTING STRUCTURAL ENGINEERS, REFERENCE No. 260311.



TYPICAL POST DETAILS
NTS SCALE

END/CORNER POST SCHEDULE	
NOMINATED POST REFER TO SCHEDULE	EQUIVALENT END/CORNER POST
250 UC 90 GALVANIZED	300 PFC. GALVANIZED
250 UC 73 GALVANIZED	250 PFC. GALVANIZED
200 UC 60 GALVANIZED	250 PFC. GALVANIZED
200 UC 52 GALVANIZED	200 PFC. GALVANIZED
200 UC 48 GALVANIZED	200 PFC. GALVANIZED
150 UC 37 GALVANIZED	200 PFC. GALVANIZED
150 UC 30 GALVANIZED	150 PFC. GALVANIZED
150 UC 23 GALVANIZED	150 PFC. GALVANIZED
100 UC 15 GALVANIZED	100 PFC. GALVANIZED

ISSUED FOR CONSTRUCTION

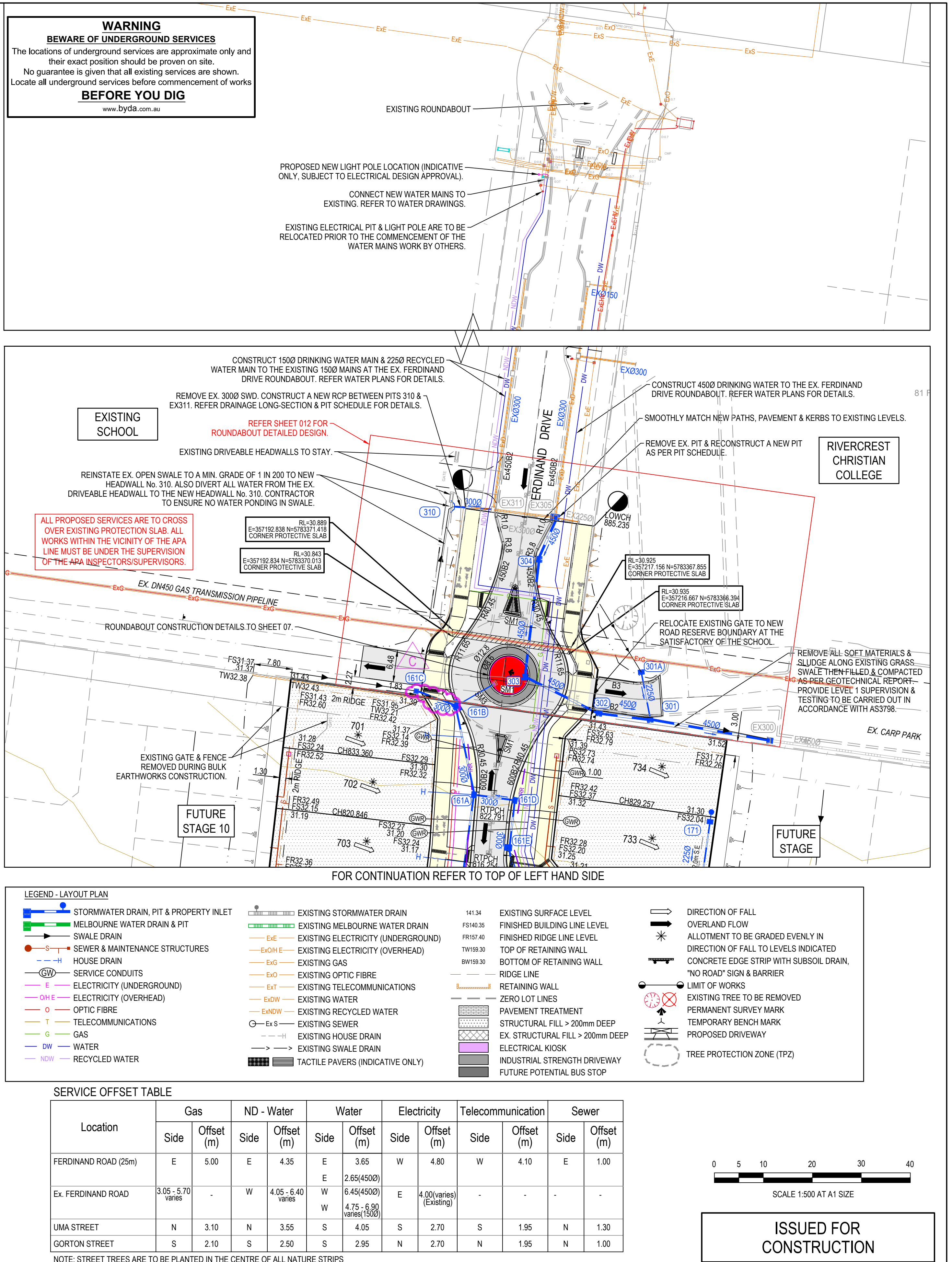
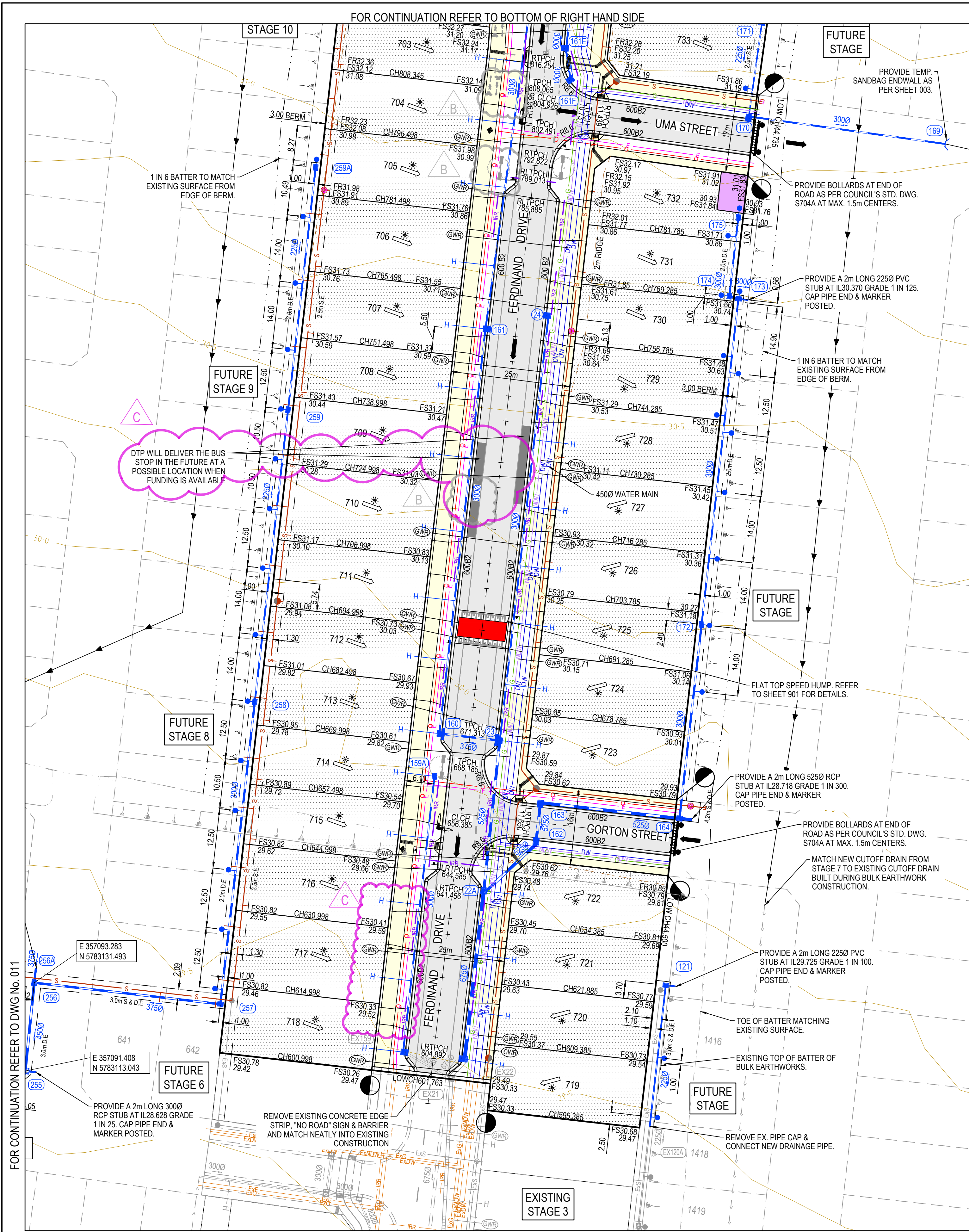
© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
B	PROVIDED ADDITIONAL RW DETAILS	18.03.26	KL	NM					
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					
REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP

Development & Infrastructure Consultants

Designed Date
02.05.2025
Drawn
H.PHAM
Checked Date
05.05.2025
K. LEE
Approved Reg. No.
PE0008272
Date
05.05.2025
PS Number
PS922137F

1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details OAK GROVE ESTATE STAGE 07 CITY OF CASEY		Sheet 04 of 26	
Drawing Title GENERAL DETAILS (SHEET 3 OF 3)		Scale AS SHOWN	
Project Ref 1800297	Stage No 07	Drawing No 004	Rev B



© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
C	CROSSOVERS, FUTURE BUS STOP, DRAINAGE UPDATED	07.08.26	HW	NM					
B	AMENDED DRIVEWAY LOCATION, SWD SIZE & TREE LOCATION	04.05.26	KL	NM					
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					
REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP

Goldmate

OAK GROVE
CLYDE NORTH

Designed	H. PHAM
Date	02.05.2025
Drawn	H. PHAM
Checked	K. LEE
Date	05.05.2025
Approved	N. MARTENS
Reg. No.	PE0008272
Date	05.05.2025
PS Number	PS922137F

BW Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

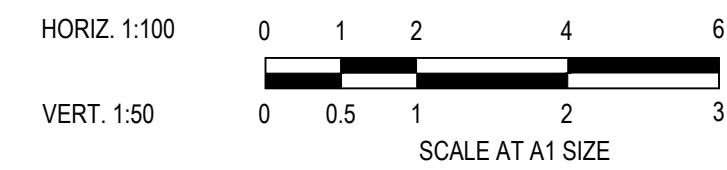
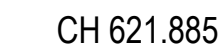
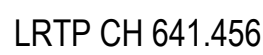
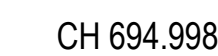
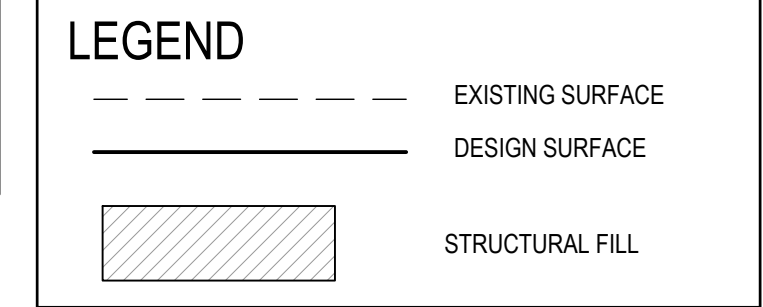
Project Details
OAK GROVE ESTATE
STAGE 07
CITY OF CASEY
Drawing Title
LAYOUT PLAN
(SHEET 2 OF 3)

Sheet 06 of 26

Scale
1:500 @ A1

Project Ref	Stage No	Drawing No	Rev
1800297	07	011	C



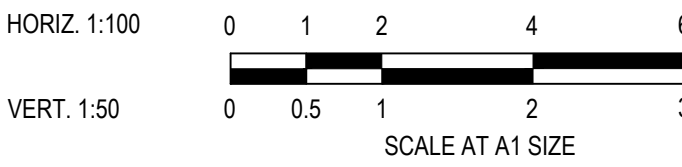
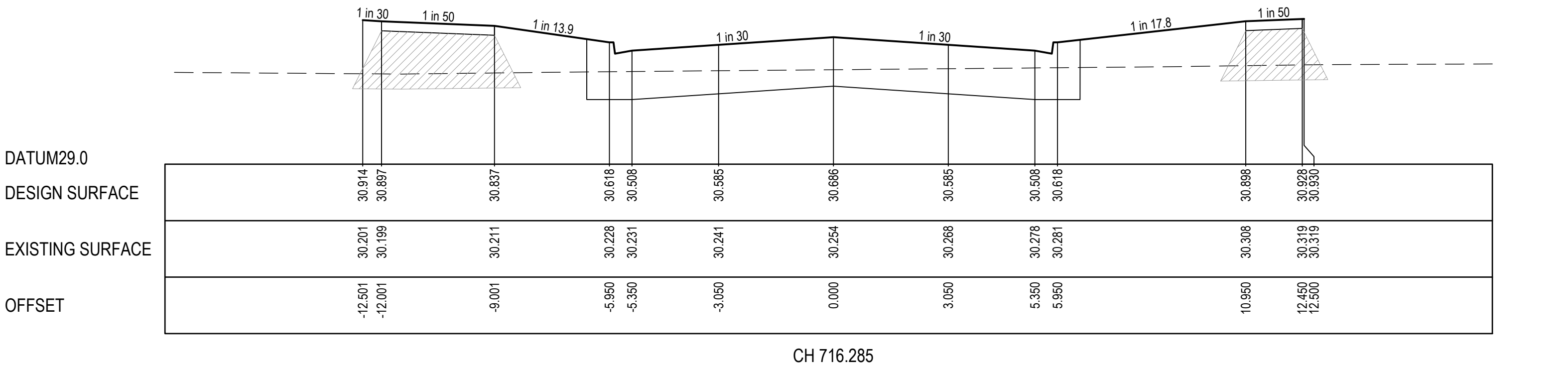
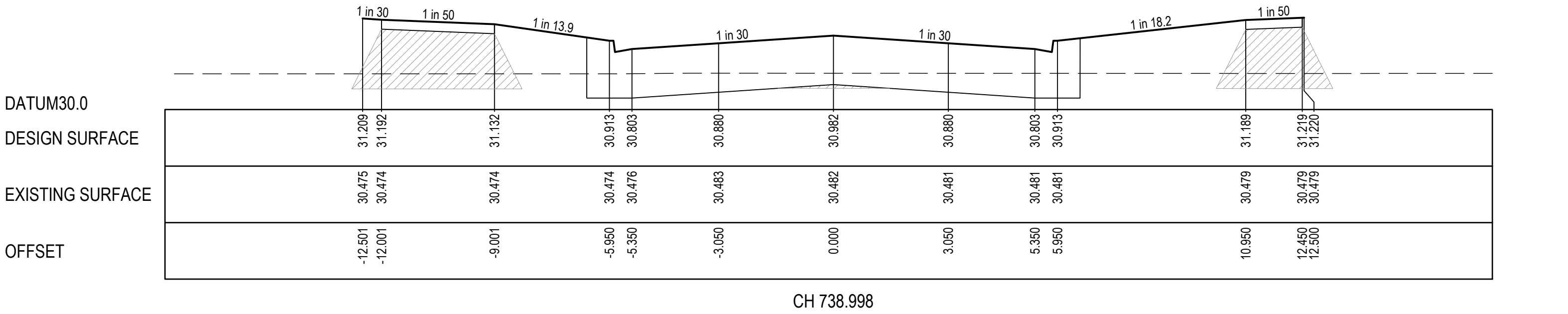
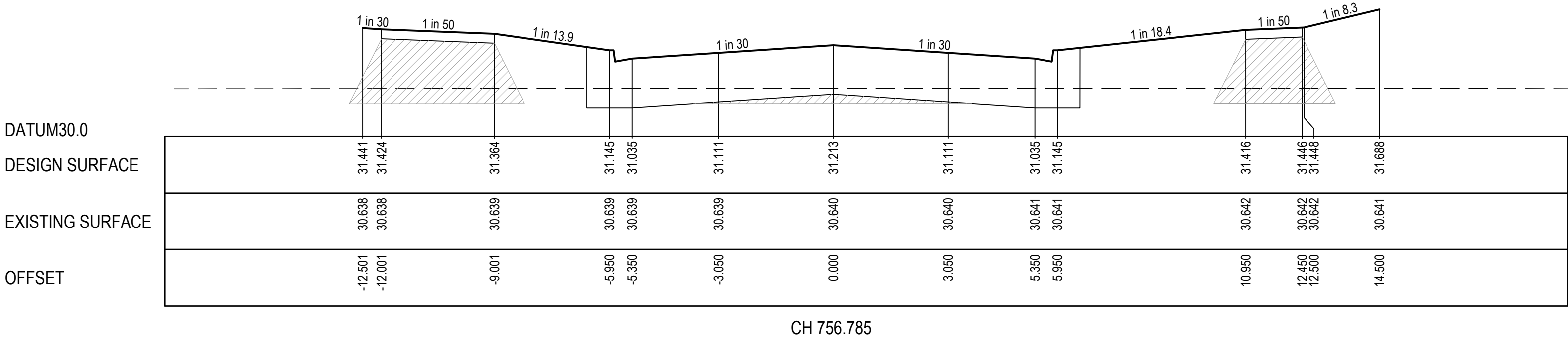
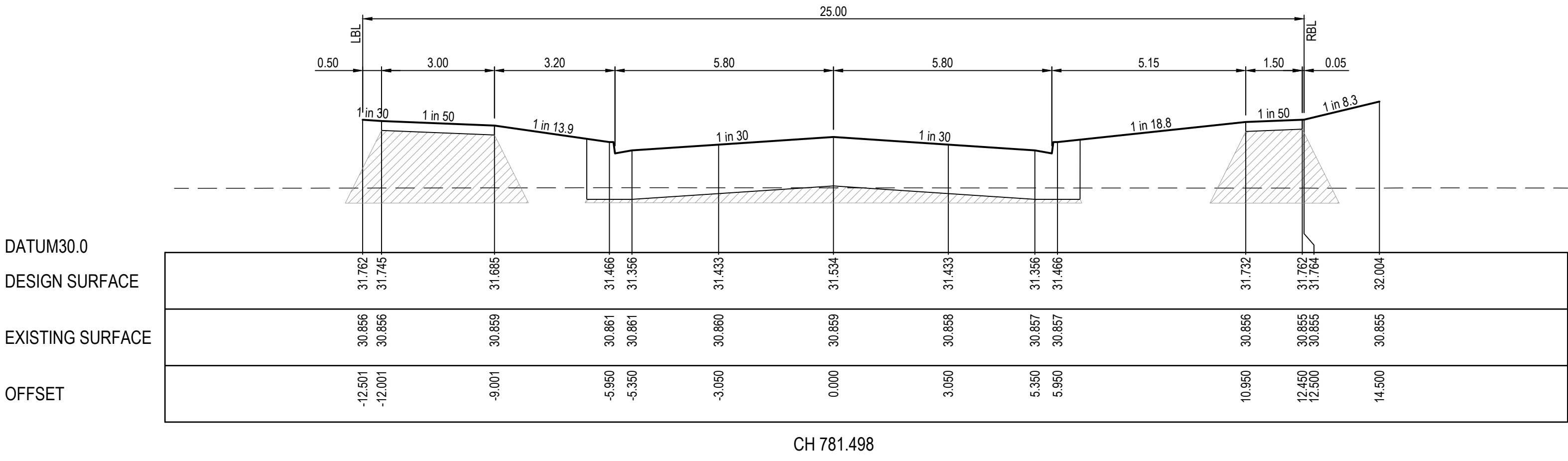


ISSUED FOR
CONSTRUCTION

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND

EXISTING SURFACE

DESIGN SURFACE

ISSUED FOR CONSTRUCTION

© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					
REV	DESCRIPTION	DATE	DRN	APP.	REV	DESCRIPTION	DATE	DRN	APP.

Goldmate

OAK GROVE
CLYDE NORTH

Designed
Date
Drawn
Checked
Date
Approved
Reg. No.
Date
PS Number

H.PHAM
02.05.2025
H.PHAM
K. LEE
05.05.2025
N. MARTENS
PE0008272
05.05.2025
PS922137F

BW Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project
Details
OAK GROVE ESTATE
STAGE 07
CITY OF CASEY

Drawing
Title
ROAD CROSS SECTIONS
FERDINAND DRIVE
(SHEET 2 OF 3)

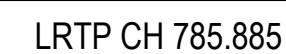
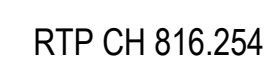
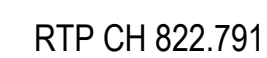
Sheet 11 of 26

Scale
1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
1800297	07	201	A

LEGEND

	EXISTING SURFACE
	DESIGN SURFACE
	STRUCTURAL FILL



Goldmate

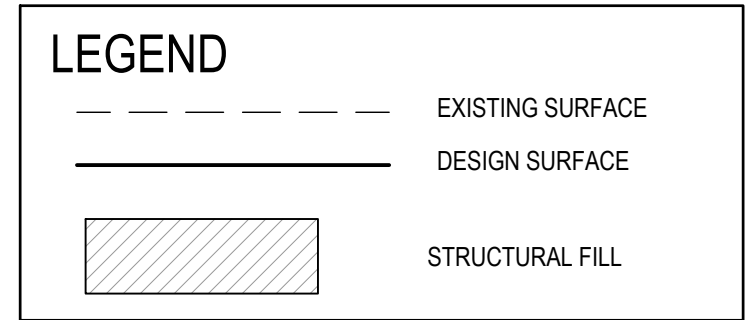
OAK GROVE
CLYDE NORTH

BW Beveridge Williams
Development & Infrastructure Consultants

1 Glenferrie Road
Malvern VIC 3144

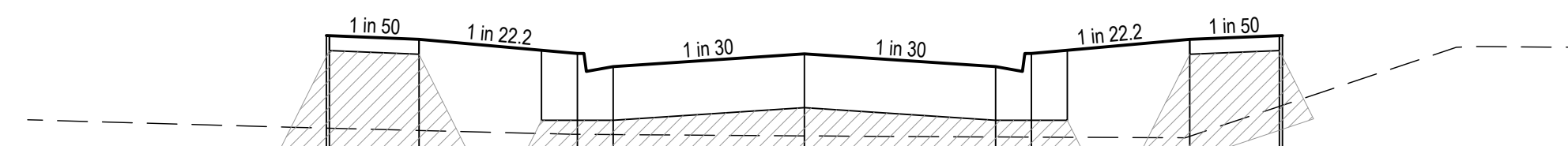
ph: 03 9524 8888
www.beveridgewilliams.com.au

Sheet 12 of 26			
Scale 1:100 H 1:50 V @ A1			
Project Ref	Stage No	Drawing No	Rev
1800297	07	202	A



DATUM29.0		30.735 30.734															
DESIGN SURFACE				30.754		30.635		30.631		30.525		30.635		30.754		30.734 30.735	
EXISTING SURFACE		29.924 29.934		29.933		29.931		29.931		29.990		29.864 29.857		29.938		30.186 30.195	
OFFSET		8.000 7.950		-6.450		-3.800 -3.200		0.000				3.200 3.800		6.450		7.950 8.000	

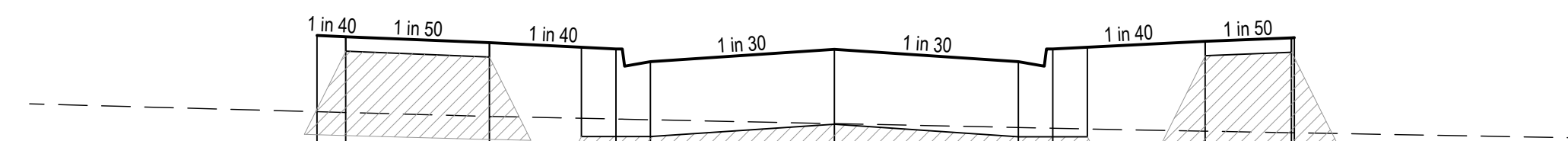
LOW CH 44.500



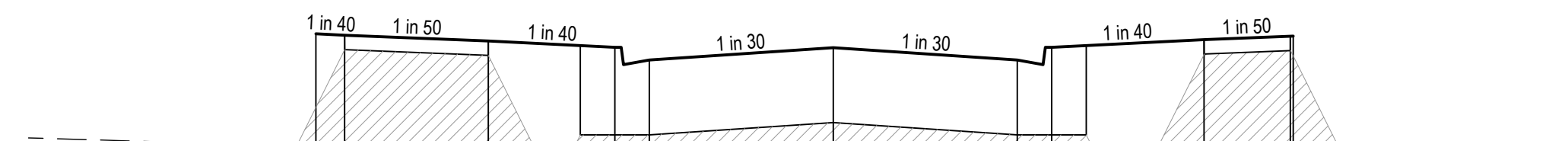
DATUM29.0		30.616 30.618		30.588		30.468 30.338		30.465		30.338 30.468		30.588		30.618 30.619	
DESIGN SURFACE															
EXISTING SURFACE		28.849 28.872		28.824		28.791 28.769		28.778		28.769 28.768		28.775		30.026 30.004	
OFFSET		-9.000 -9.990		-6.450		-3.800 -3.200		0.000		3.200 3.800		6.450		7.990 8.000	

CH 15.500

GORTION ROAD - ROAD CROSS SECTIONS

[illegible]

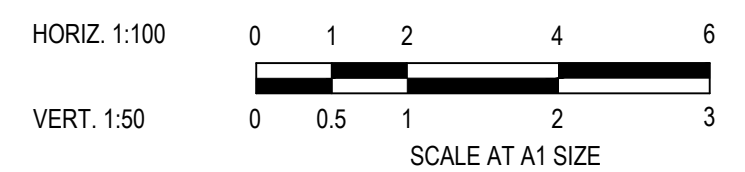
LOW CH 44.735



DATUM30.0	32.186		32.173		32.123		32.088		31.958		32.068		32.135		32.165	
DESIGN SURFACE																
EXISTING SURFACE	31.207	31.200	31.162	31.129	31.120	31.072	31.024	31.015	30.986	30.974	30.974					
OFFSET	-9.000	-8.500	-6.000	-3.800	-3.200	0.000	3.200	3.800	6.450	7.950	8.000					

CH 15.725

UMA STREET - ROAD CROSS SECTIONS



ISSUED FOR
CONSTRUCTION

[illegible]

Goldmate

OAK GROVE
CLYDE NORTH

Designed	H.PHAM
Date	02.05.2025
Drawn	H.PHAM
Checked	K. LEE
Date	05.05.2025
Approved	N. MARTENS
Reg. No.	PE0008272
Date	05.05.2025
PS Number	PS922137F

BW Beveridge Williams
Development & Infrastructure Consultants

1 Glenferrie Road
Malvern VIC 3144

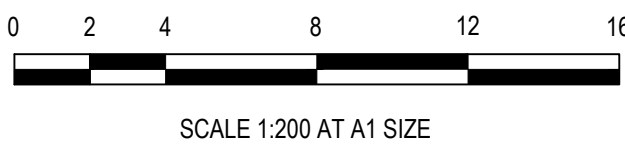
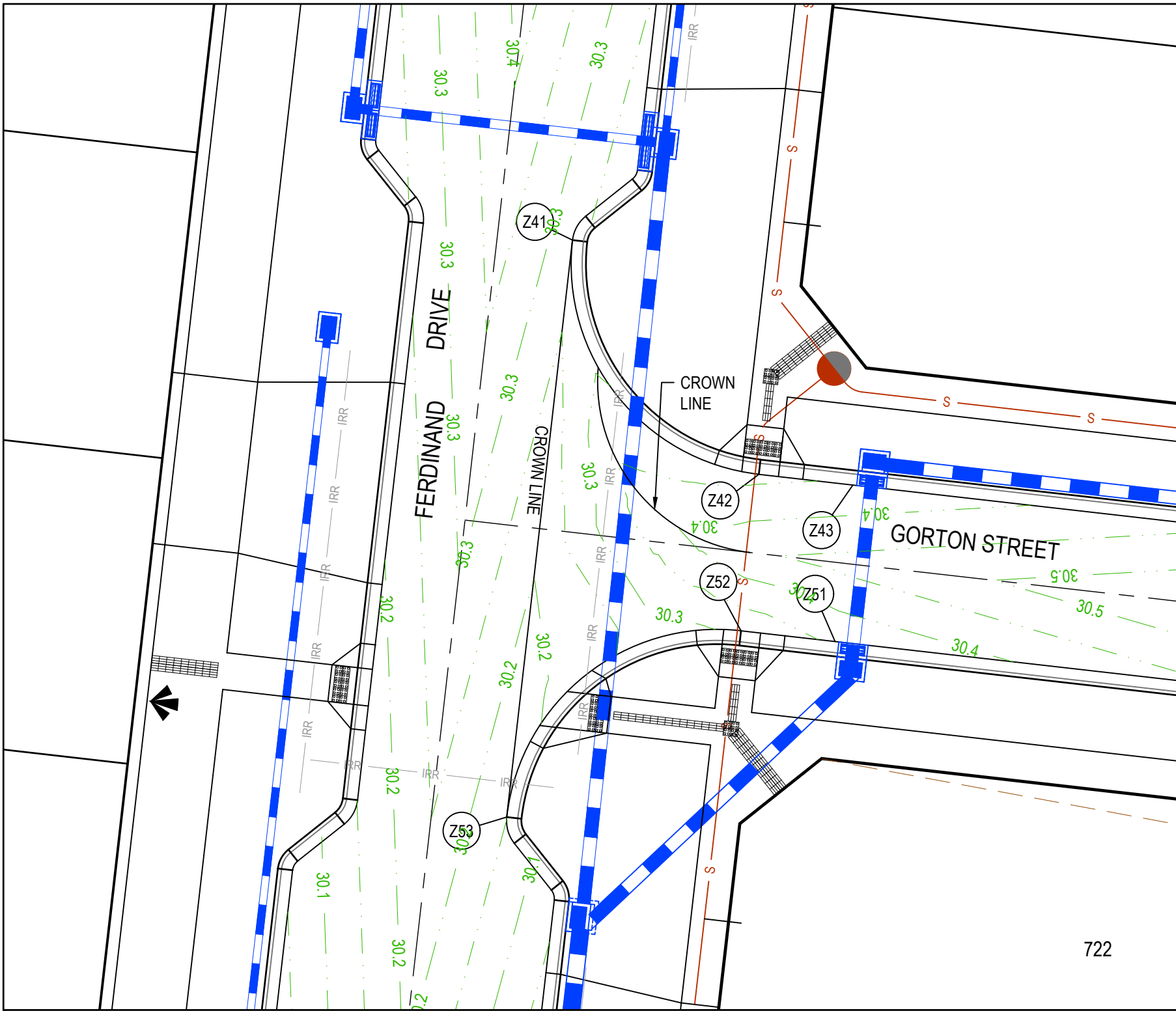
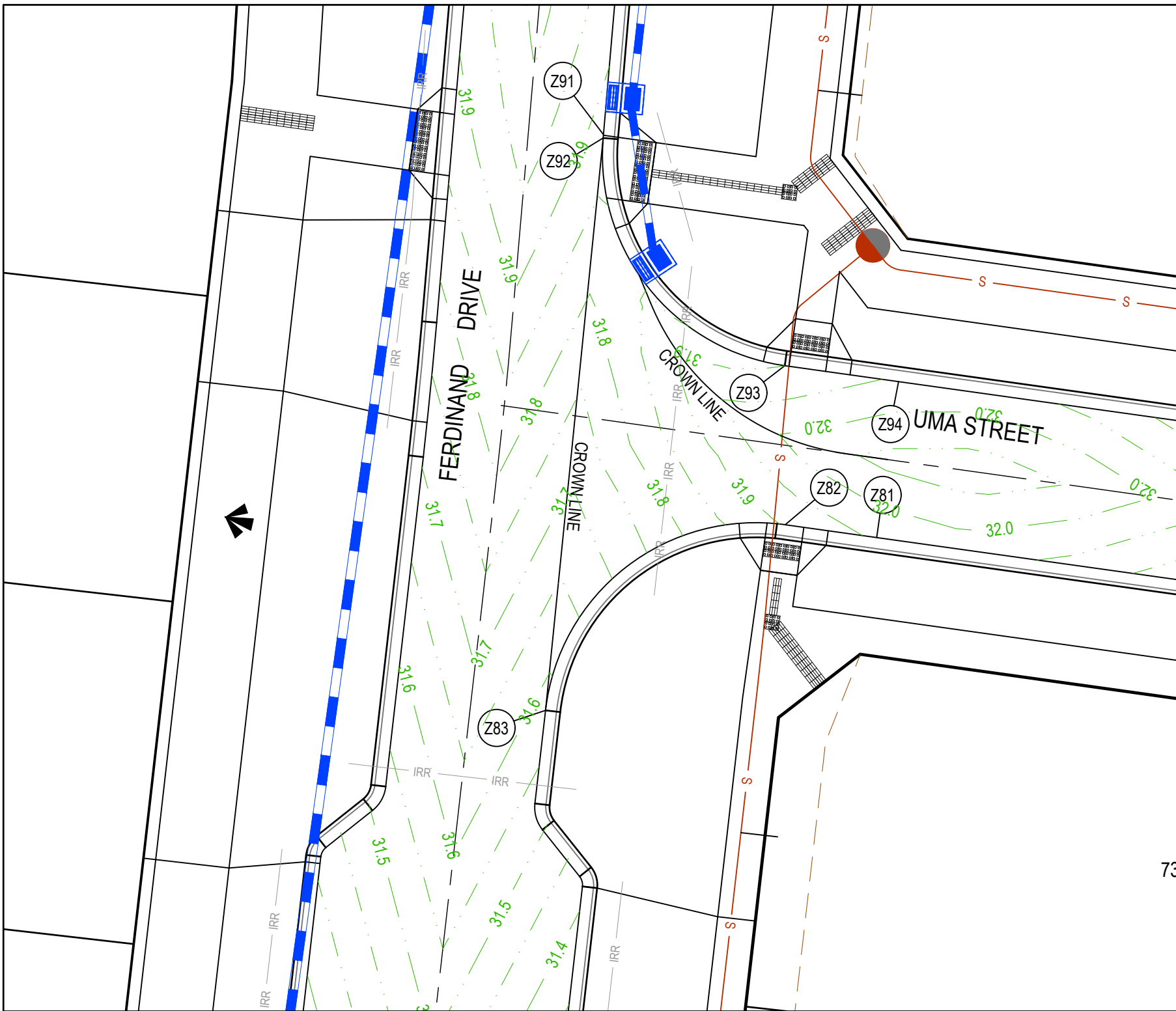
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	OAK GROVE ESTATE STAGE 07 CITY OF CASEY
Drawing Title	ROAD CROSS SECTIONS GORTION STREET & UMA STREET

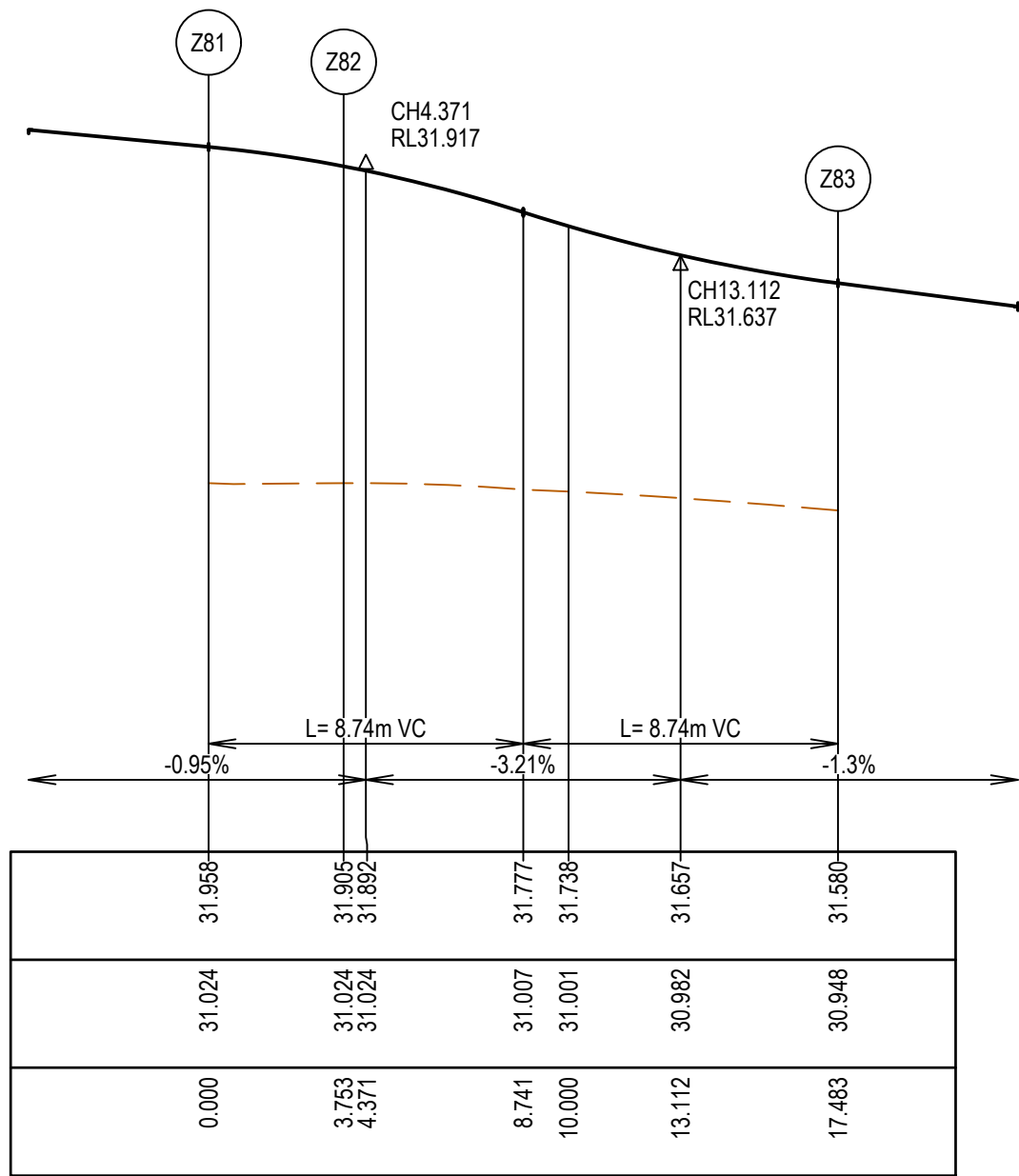
Sheet 13 of 26

Scale
1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
1800297	07	203	A



VERTICAL GEOMETRY
DATUM RL30
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE

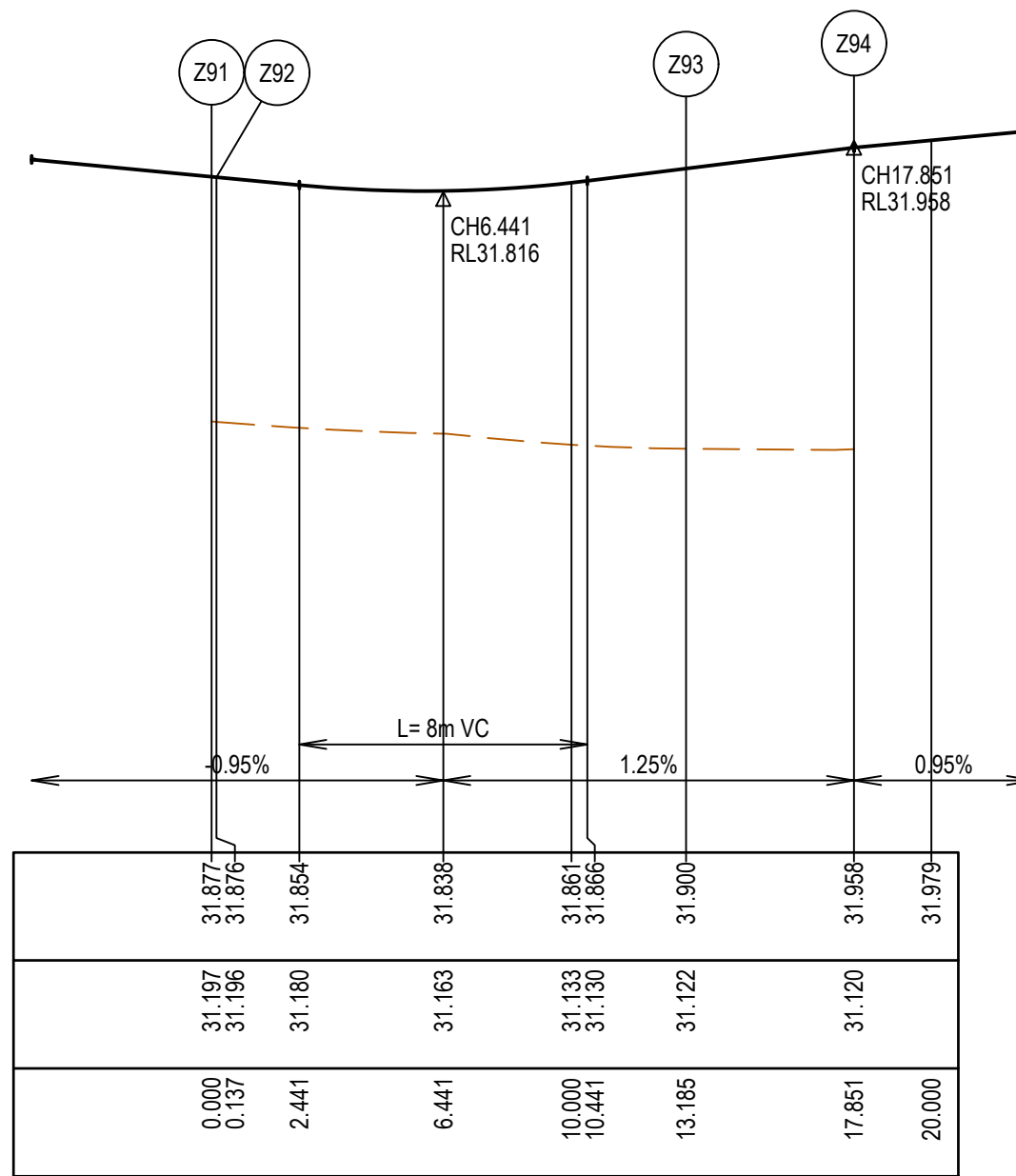


ALIGNMENT Z8

Point no	Easting	Northing	RL
Z81	357214.454	5783309.075	31.958
Z82	357210.738	5783309.595	31.905
Z83	357201.001	5783302.051	31.580

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
Z82 - Z83	91.474	8.600	13.730	2.598	1.922	3.342	2.817	3.433	31.720

VERTICAL GEOMETRY
DATUM RL30
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



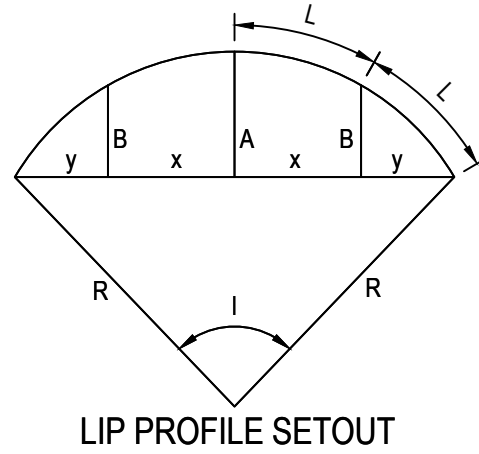
ALIGNMENT Z9

Point no	Easting	Northing	RL
Z91	357203.356	5783325.448	31.877
Z92	357203.345	5783325.312	31.876
Z93	357210.721	5783316.060	31.900
Z94	357215.342	5783315.413	31.958

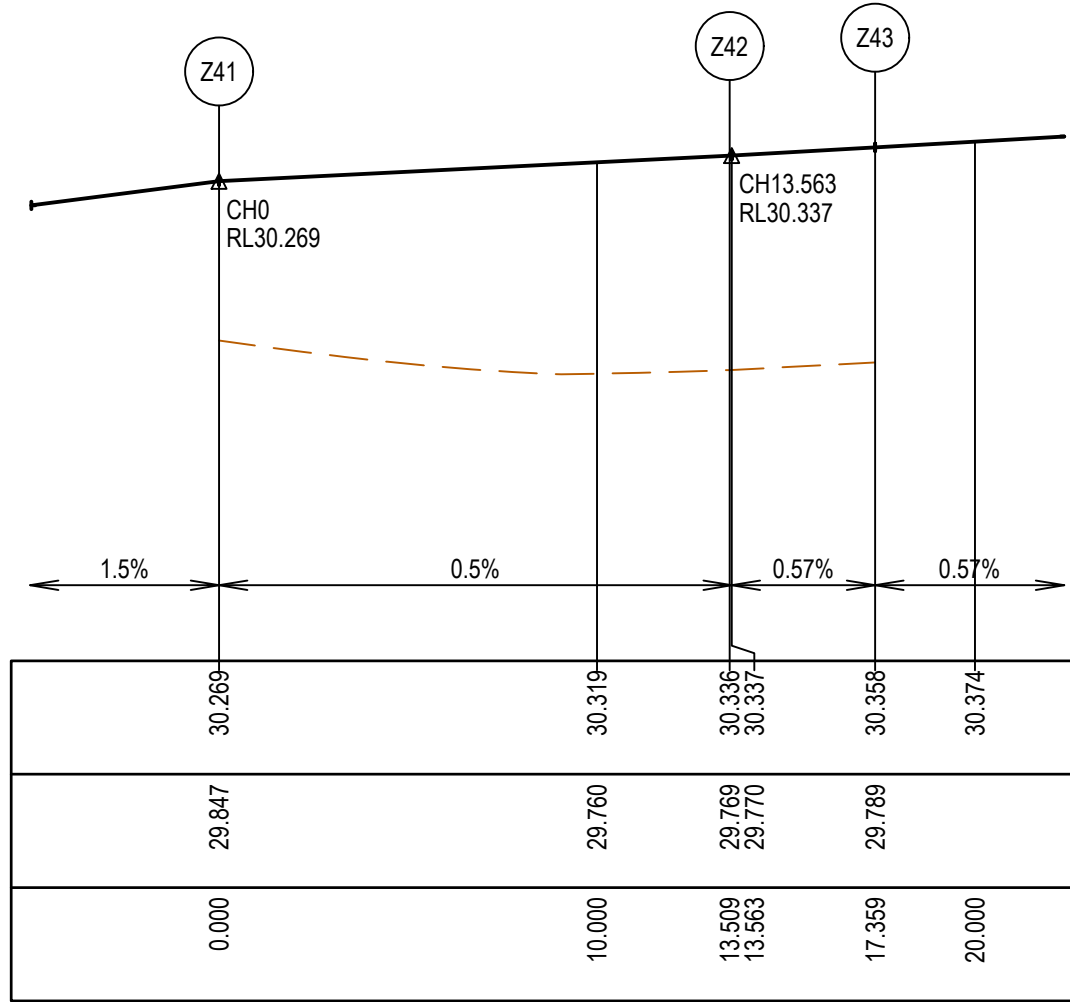
Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
Z92 - Z93	86.930	8.600	13.048	2.358	1.747	3.184	2.732	3.262	31.838

LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY



VERTICAL GEOMETRY
DATUM RL29
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE

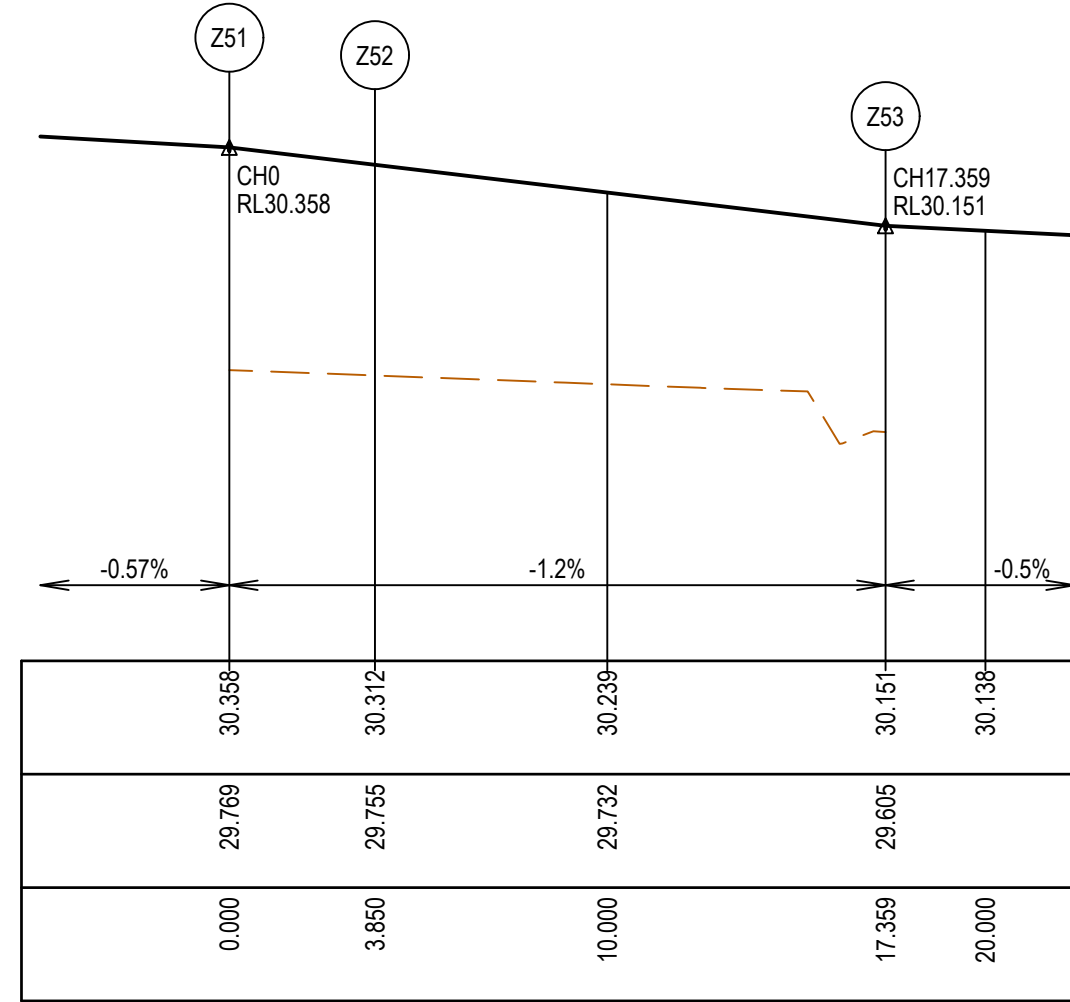


ALIGNMENT Z4

Point no	Easting	Northing	RL
Z41	357186.897	5783178.215	30.269
Z42	357194.468	5783168.697	30.336
Z43	357198.293	5783168.261	30.358

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
Z41 - Z42	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	30.303

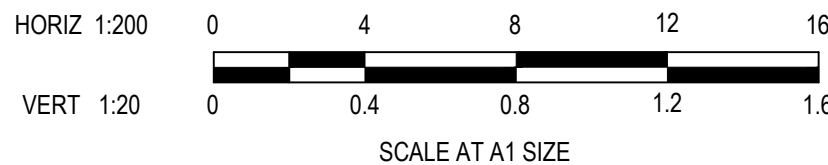
VERTICAL GEOMETRY
DATUM RL29
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



ALIGNMENT Z5

Point no	Easting	Northing	RL
Z51	357197.569	5783161.902	30.358
Z52	357193.744	5783162.338	30.312
Z53	357184.226	5783154.766	30.151

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
Z52 - Z53	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	30.232



ISSUED FOR
CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP
-----	-------------	------	-----	-----	-----	-------------	------	-----	-----

Goldmate

OAK GROVE
CLYDE NORTH

Designed
Date
Drawn
Checked
Date
Approved
Reg. No.
Date
PS Number

H.PHAM
02.05.2025
H.PHAM
K. LEE
05.05.2025
N. MARTENS
PE0008272
05.05.2025
PS922137F

BW Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

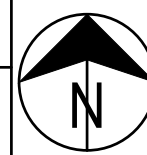
Project
Details
Drawing
Title

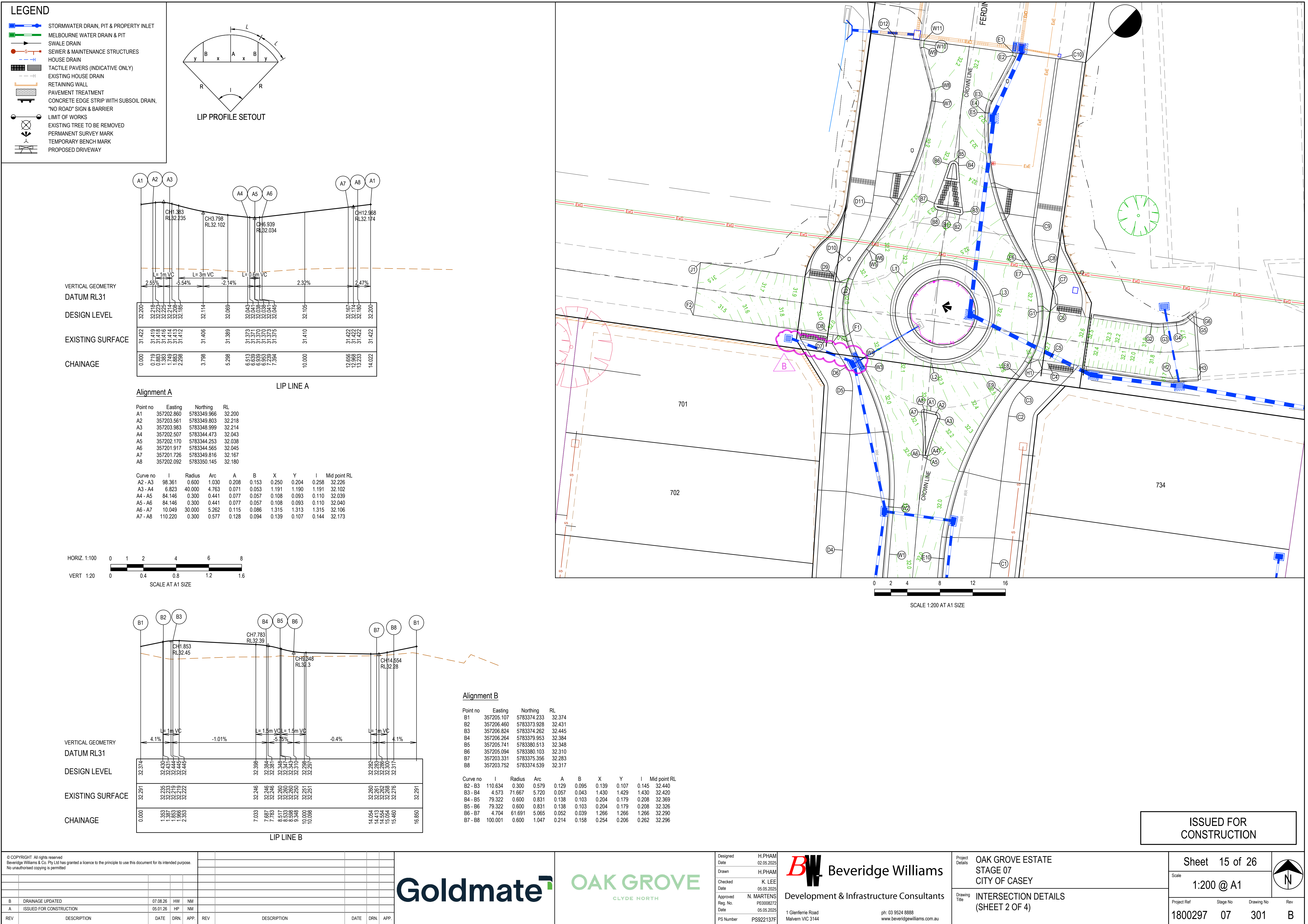
OAK GROVE ESTATE
STAGE 07
CITY OF CASEY
INTERSECTION DETAILS
(SHEET 1 OF 4)

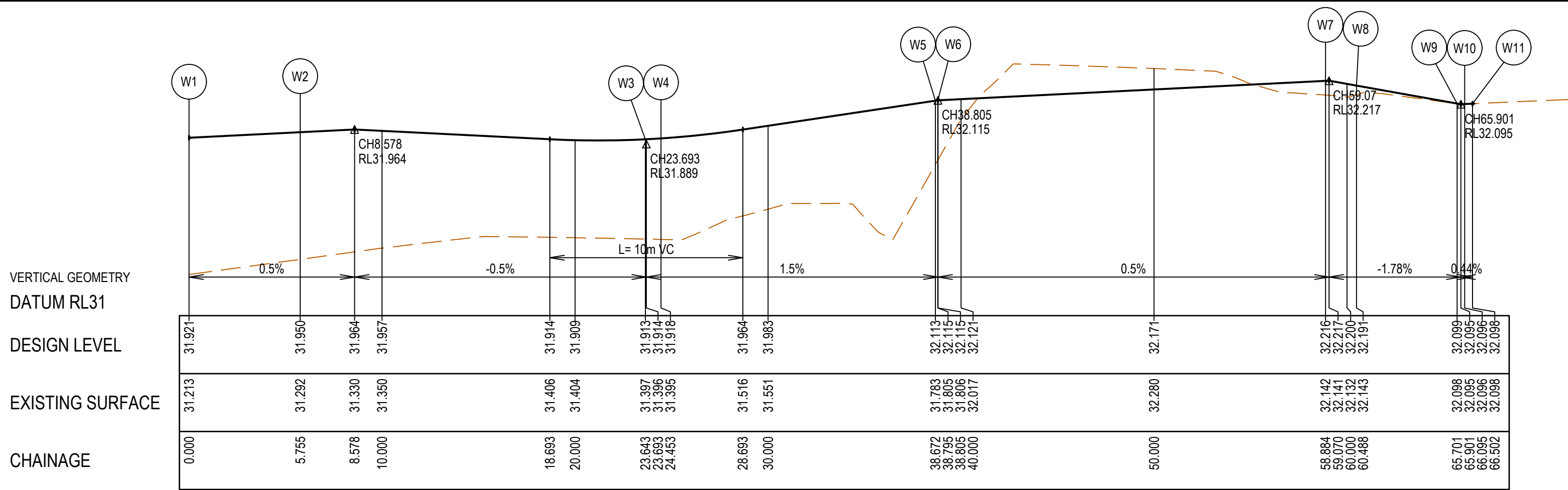
Sheet 14 of 26

Scale
1:200 @ A1

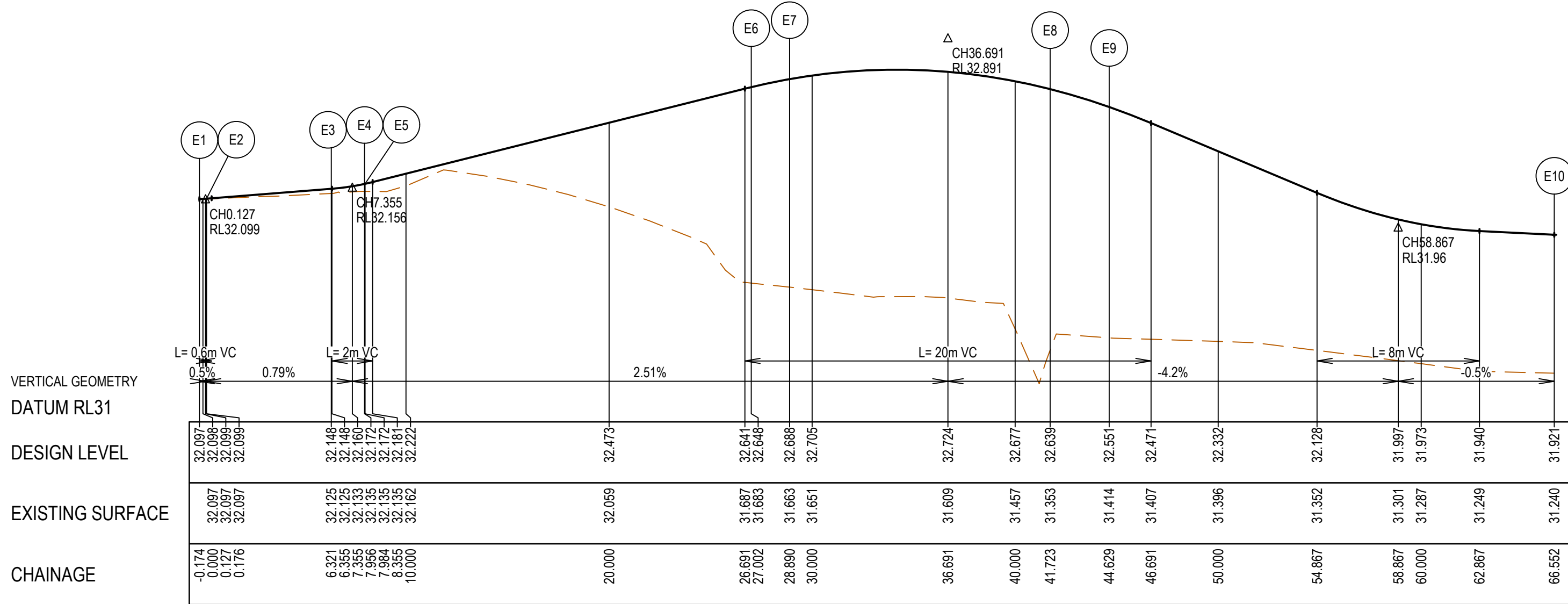
Project Ref	Stage No	Drawing No	Rev
1800297	07	300	A



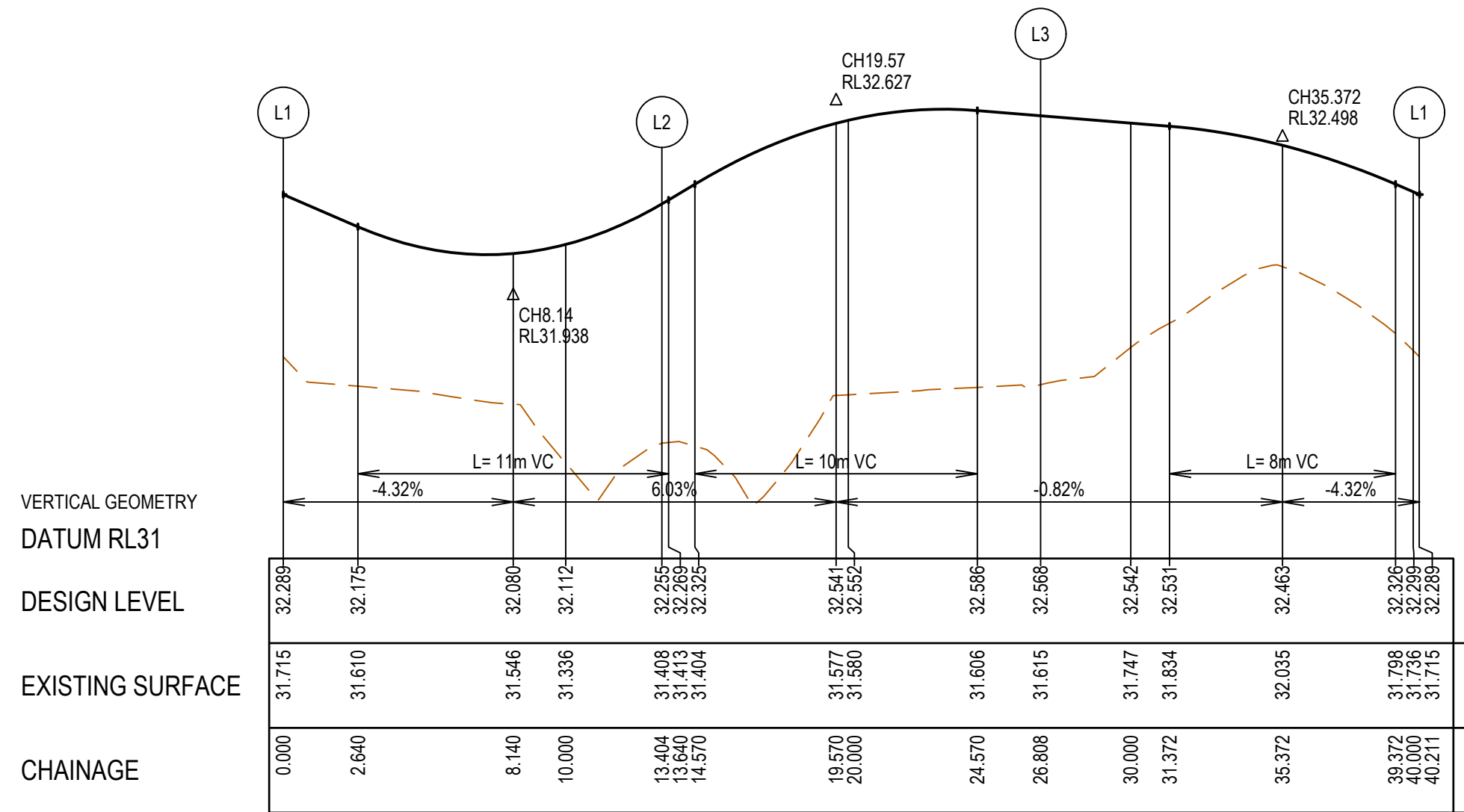




LIP LINE W



LIP LINE E



Alignment L

Point no	Easting	Northing	RL
L1	357199.607	5783366.343	32.289
L2	357202.994	5783355.789	32.255
L3	357210.441	5783363.999	32.568

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
L1 - L2	119.997	6.400	13.404	3.200	2.342	3.200	2.343	3.351	32.077
L2 - L3	119.997	6.400	13.404	3.200	2.342	3.200	2.343	3.351	32.554
L3 - L1	119.997	6.400	13.404	3.200	2.342	3.200	2.343	3.351	32.503

Alignment W

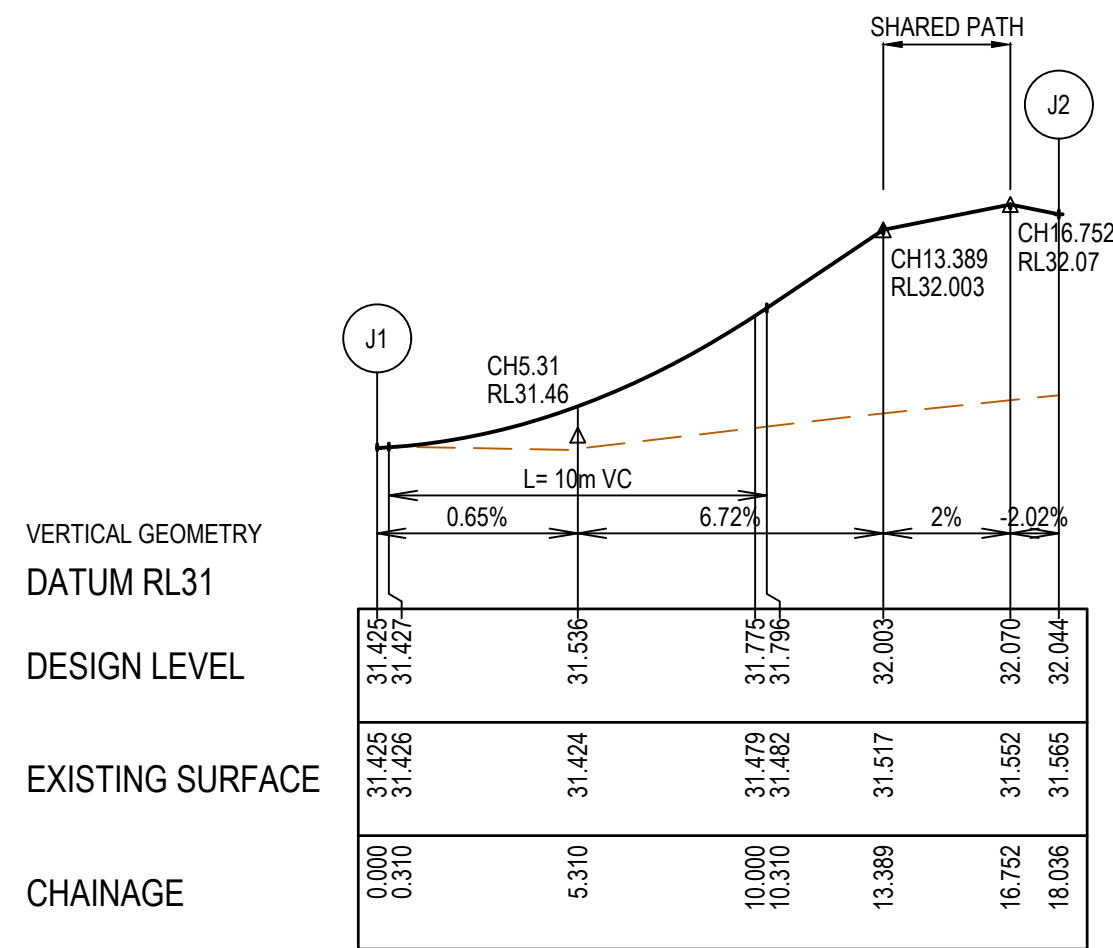
Point no	Easting	Northing	RL
W1	357197.837	5783332.482	31.921
W2	357198.329	5783338.216	31.950
W3	357194.684	5783355.467	31.913
W4	357194.285	5783356.172	31.918
W5	357195.375	5783369.480	32.113
W6	357195.450	5783369.577	32.115
W7	357203.427	5783387.790	32.216
W8	357203.352	5783389.381	32.191
W9	357202.024	5783394.422	32.099
W10	357202.000	5783394.812	32.096
W11	357202.055	5783395.215	32.098

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
W2 - W3	33.659	30.450	17.888	1.304	0.976	4.456	4.360	4.472	31.934
W3 - W4	1.524	30.450	0.810	0.003	0.002	0.203	0.203	0.203	31.915
W4 - W5	69.930	11.650	14.219	2.103	1.565	3.500	3.177	3.555	32.007
W5 - W6	0.173	40.450	0.122	0.000	0.000	0.031	0.031	0.031	32.114
W6 - W7	28.455	40.450	20.089	1.241	0.929	5.009	4.932	5.022	32.165
W7 - W8	24.190	3.800	1.604	0.084	0.063	0.400	0.396	0.401	32.206
W9 - W10	22.572	1.000	0.394	0.019	0.014	0.098	0.097	0.098	32.095

Alignment E

Point no	Easting	Northing	RL
E1	357212.974	5783393.734	32.097
E2	357212.867	5783393.404	32.099
E3	357209.971	5783387.983	32.148
E4	357209.530	5783386.422	32.172
E5	357209.528	5783386.394	32.172
E6	357214.192	5783368.273	32.648
E7	357215.068	5783366.604	32.688
E8	357213.263	5783354.544	32.639
E9	357211.473	5783352.255	32.551
E10	357203.915	5783331.961	31.921

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
E1 - E2	20.150	0.994	0.350	0.015	0.011	0.087	0.087	0.087	32.098
E3 - E4	24.647	3.800	1.635	0.088	0.066	0.408	0.403	0.409	32.157
E5 - E6	35.785	30.450	19.018	1.473	1.102	4.735	4.620	4.755	32.410
E6 - E7	9.282	11.650	1.887	0.038	0.029	0.472	0.471	0.472	32.669
E7 - E8	63.114	11.650	12.833	1.723	1.284	3.168	2.929	3.208	32.732
E8 - E9	4.117	40.450	2.907	0.026	0.020	0.727	0.726	0.727	32.598
E9 - E10	31.053	40.450	21.923	1.476	1.105	5.464	5.364	5.481	32.098

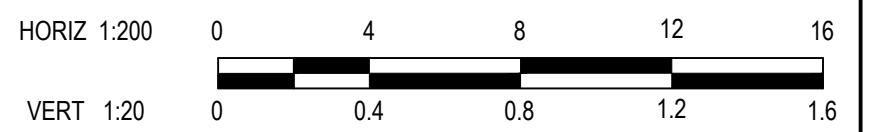


LIP LINE J

Alignment J

Point no	Easting	Northing	RL
J1	357174.766	5783368.120	31.425
J2	357192.628	5783365.619	32.044

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
----------	---	--------	-----	---	---	---	---	---	--------------



ISSUED FOR
CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					

Goldmate

OAK GROVE
CLYDE NORTH

Designed
Date
Drawn
Checked
Date
Approved
Reg. No.
Date
PS Number

H.PHAM
02.05.2025
H.PHAM
K. LEE
05.05.2025
N. MARTENS
PE0008272
05.05.2025
PS922137F

BW Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

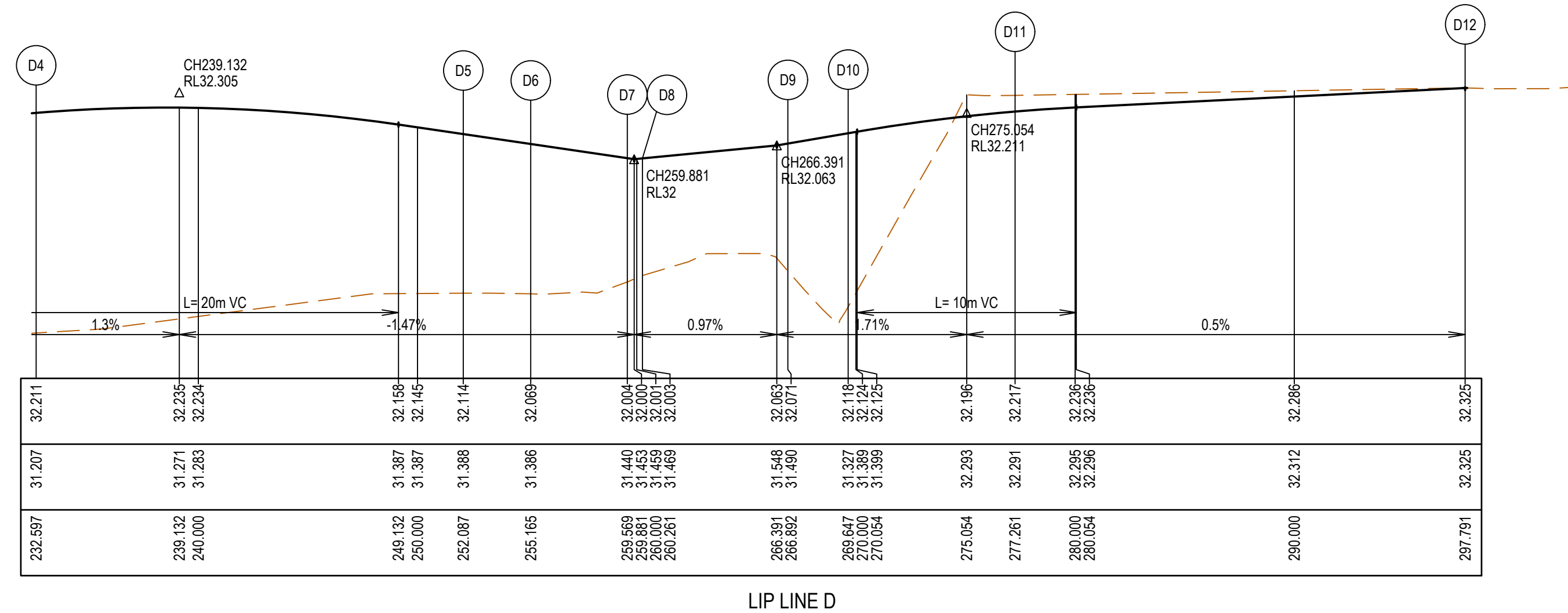
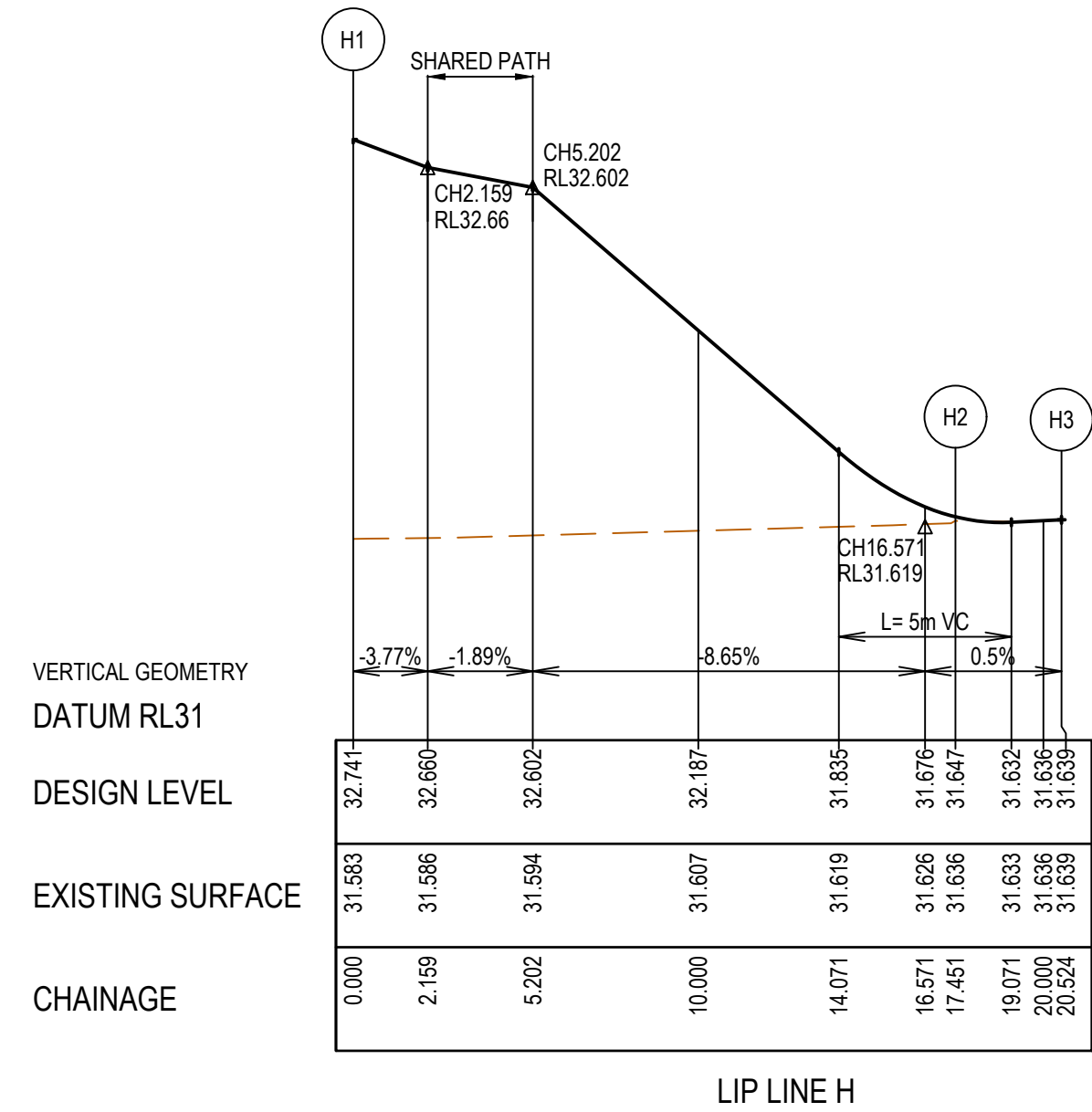
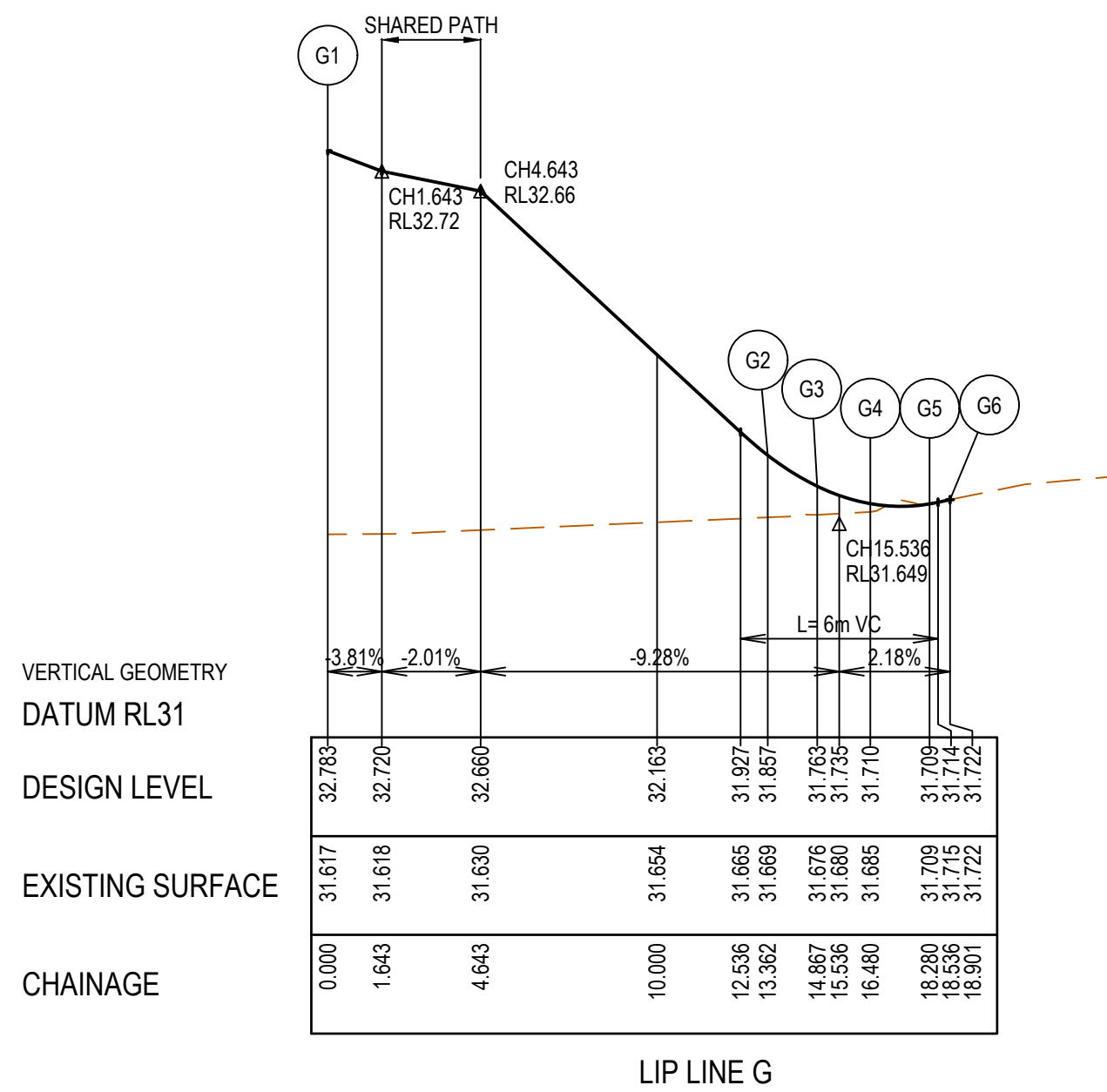
Project
Details
OAK GROVE ESTATE
STAGE 07
CITY OF CASEY
Drawing
Title
INTERSECTION DETAILS
(SHEET 3 OF 4)

Sheet 16 of 26

Scale
1:200 H 1:20 V @ A1

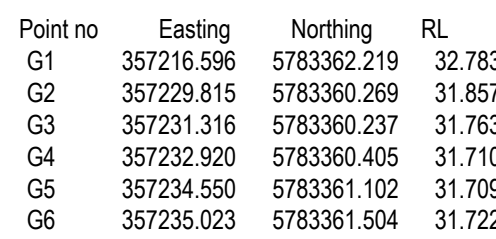
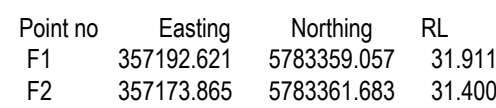
Project Ref
1800297
Stage No
07
Drawing No
302
Rev
A



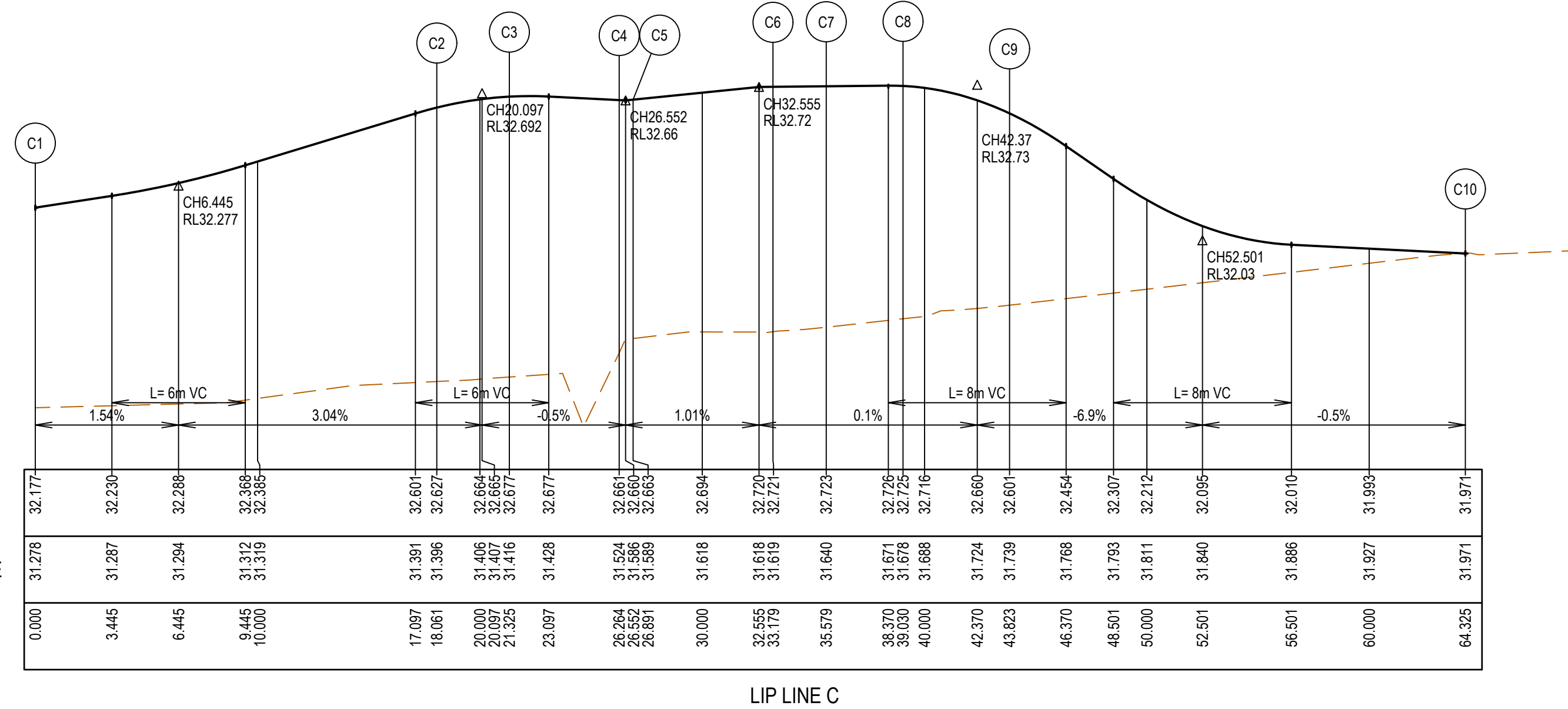
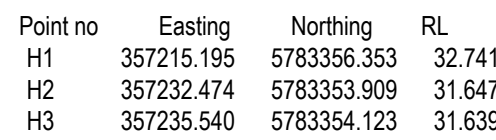


Point no	Easting	Northing	RL
D4	357192.107	578332.973	32.211
D5	357193.332	5783352.425	32.114
D6	357192.597	5783355.365	32.069
D7	357190.285	5783359.113	32.004
D8	357190.146	5783359.777	32.003
D9	357191.065	5783366.344	32.071
D10	357192.321	5783368.735	32.118
D11	357195.779	5783375.349	32.217
D12	357198.555	5783395.690	32.325

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
D5 - D6	35.276	5.000	3.078	0.235	0.176	0.767	0.748	0.770	32.092
D7 - D8	39.644	1.000	0.692	0.059	0.044	0.172	0.167	0.173	32.000
D9 - D10	39.462	4.000	2.755	0.235	0.176	0.685	0.665	0.689	32.095
D10- D11	39.661	11.000	7.614	0.652	0.488	1.894	1.838	1.904	32.177

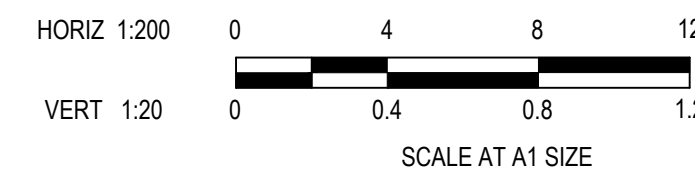


Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
G2 - G3	14.369	6.000	1.505	0.047	0.035	0.376	0.374	0.376	31.805
G4 - G5	34.366	3.000	1.799	0.134	0.100	0.448	0.438	0.450	31.702

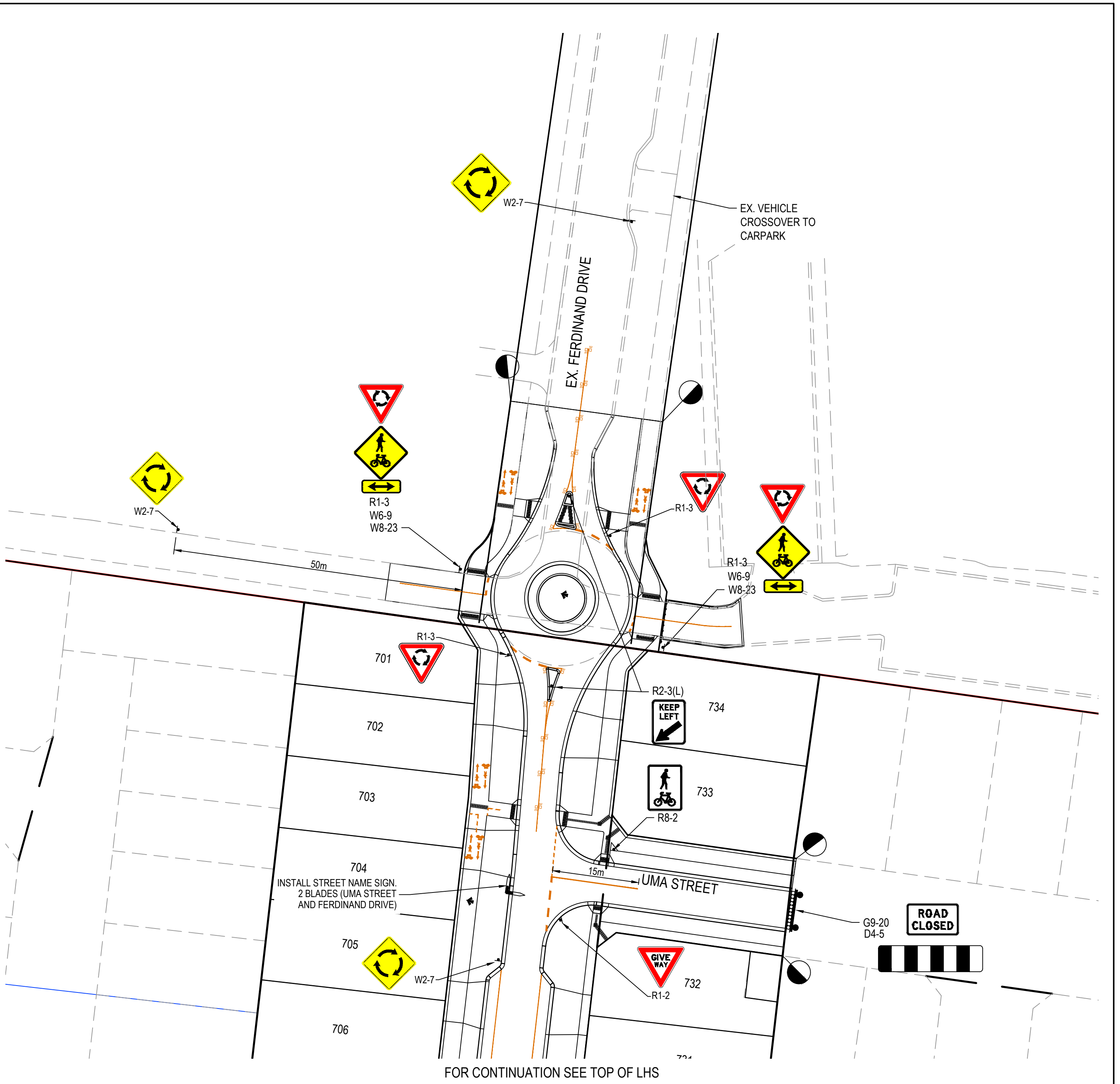
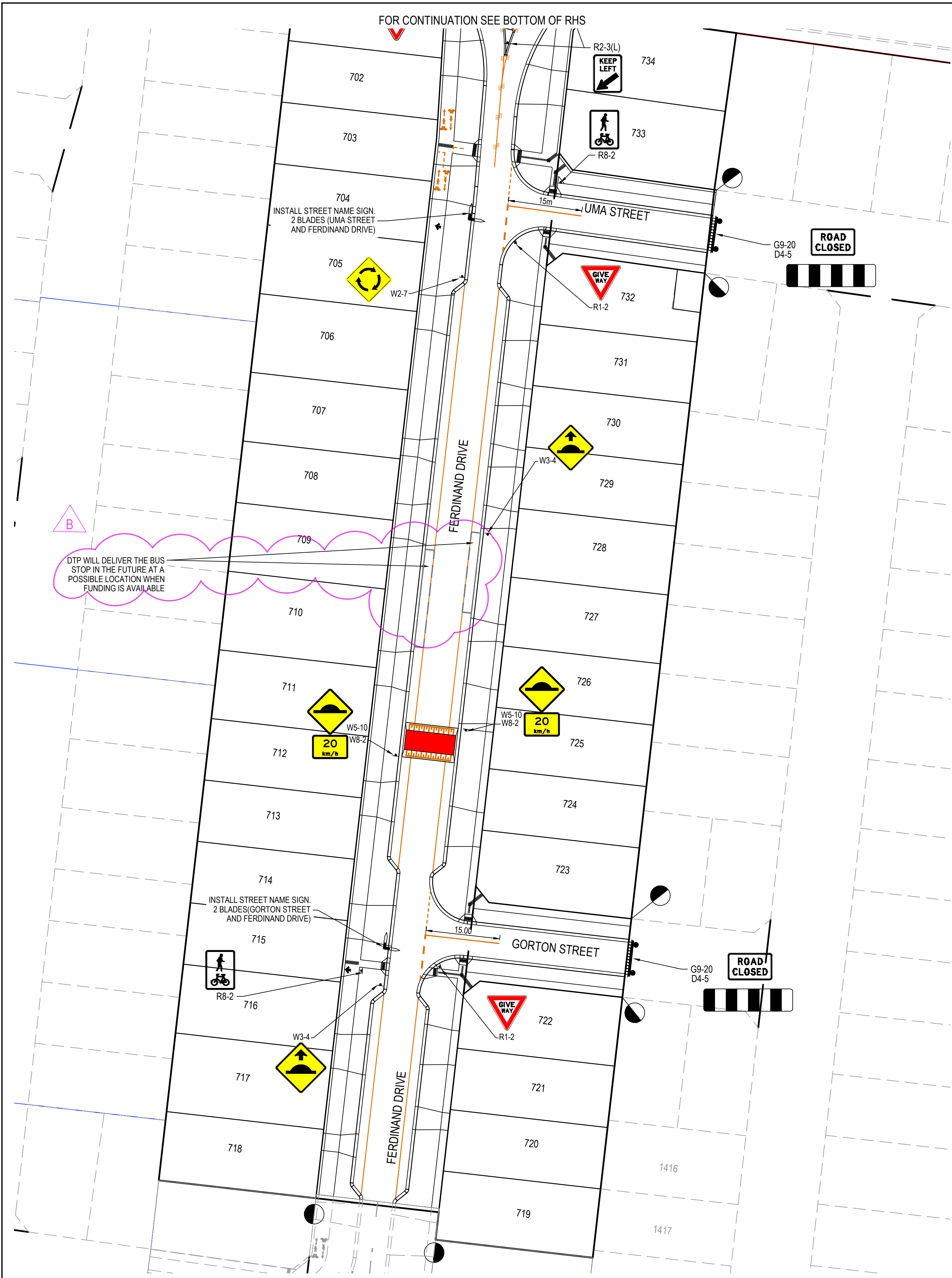


Point no	Easting	Northing	RL
C1	357210.333	5783331.411	32.177
C2	357212.377	5783349.356	32.627
C3	357213.742	5783352.257	32.677
C4	357217.166	5783355.816	32.661
C5	357217.436	5783356.371	32.663
C6	357218.308	5783362.598	32.721
C7	357217.930	5783364.931	32.723
C8	357216.395	5783368.023	32.725
C9	357215.638	5783372.684	32.601
C10	357218.467	5783392.989	31.971

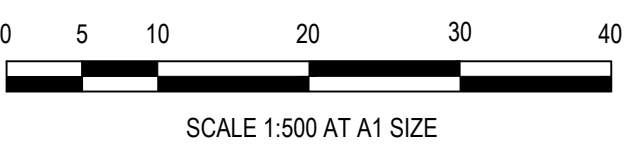
Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
C2 - C3	37.398	5.000	3.264	0.264	0.197	0.812	0.791	0.816	32.660
C4 - C5	35.924	1.000	0.627	0.049	0.036	0.156	0.152	0.157	32.660
C6 - C7	34.366	4.000	2.399	0.179	0.134	0.598	0.584	0.600	32.722
C8 - C9	34.328	8.000	4.793	0.356	0.267	1.194	1.167	1.198	32.688



ISSUED FOR
CONSTRUCTION



- NOTES
1. RRPM'S ARE TO BE WHITE AND AT MAX 6m SPACING.
 2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
 3. LINEMARKING IN ACCORDANCE WITH AS1742.
 4. TGS TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1-2009 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
 5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELAVANT STREET NUMBERING.
 6. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
 7. HIGH FRICTION SURFACE TREATMENT COLOURED EMERALD GREEN TO BE INSTALLED WITHIN BIKE LANES AS SHOWN ON PLANS IN ACCORDANCE WITH VICROADS STANDARD SECTION 430.
 8. EVERY LOT TO HAVE STREET NUMBER STAMPED ON KERB IN ACCORDANCE WITH COUNCIL REQUIREMENTS. CONTRACTOR TO OBTAIN LATEST STREET NUMBERING FROM SURVEY CONSULTANT PRIOR TO STAMPING.



ISSUED FOR CONSTRUCTION

© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP
B	FUTURE POTENTIAL BUS STOP AMENDED	07.08.26	HW	NM					
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					

Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	OAK GROVE ESTATE STAGE 07 CITY OF CASEY
Drawing Title	SIGNAGE & LINE MARKING PLANS

Sheet	18 of 26
Scale	1:500 @ A1
Project Ref	1800297
Stage No	07
Drawing No	350
Rev	B

NOTES:
ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND

EXISTING SURFACE

DESIGN SURFACE

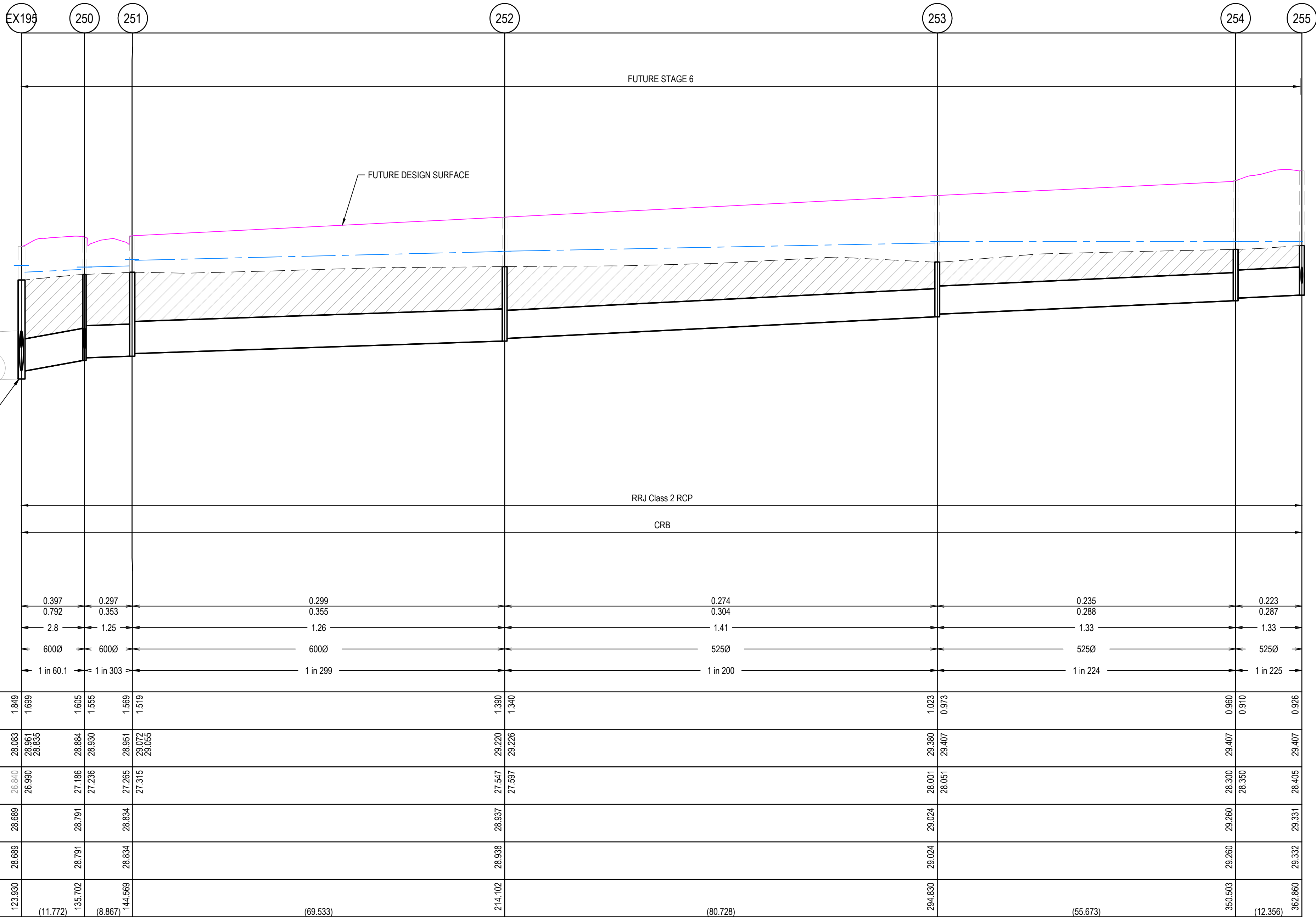
INDICATIVE FUTURE DESIGN SURFACE

DRAINAGE PIPE/PIT

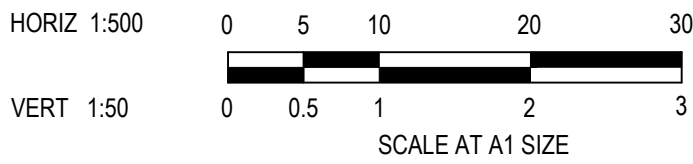
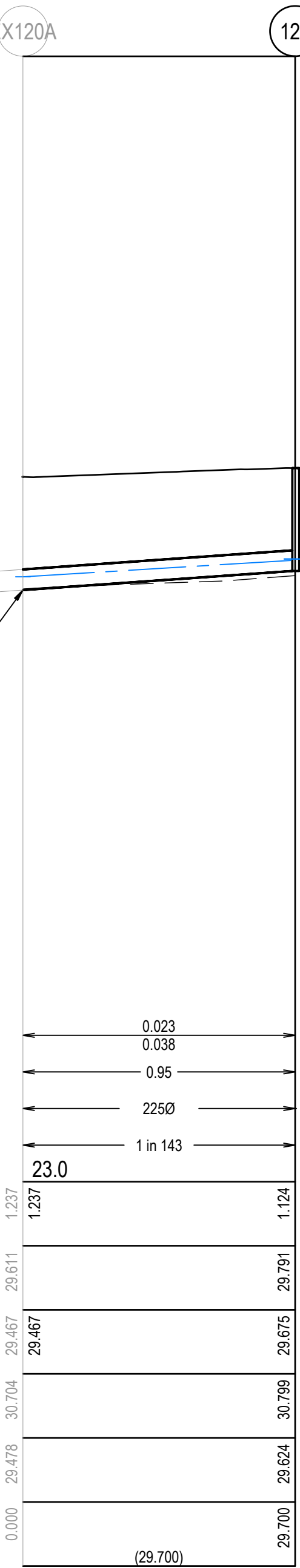
EXISTING DRAINAGE PIPE/PIT

HYDRAULIC GRADE LINE

DENOTES 20mm CLASS 3 FOR BACKFILL.



INVERT LEVEL SOURCED FROM BEVERIDGE WILLIAMS DESIGN PLANS DWG No. 1800297-03-402 REV X



ISSUED FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					

Goldmate

OAK GROVE
CLYDE NORTH

Designed Date 02.05.2025
Drawn H.PHAM
Checked Date 05.05.2025
Approved Reg. No. PE0008272
Date 05.05.2025
PS Number PS922137F

BWBeveridge Williams

Development & Infrastructure Consultants

1 Glenferrie Road
Malvern VIC 3144

ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details
OAK GROVE ESTATE
STAGE 07
CITY OF CASEY

Drawing Title
DRAINAGE LONGITUDINAL SECTIONS
(SHEET 1 OF 4)

Sheet 19 of 26

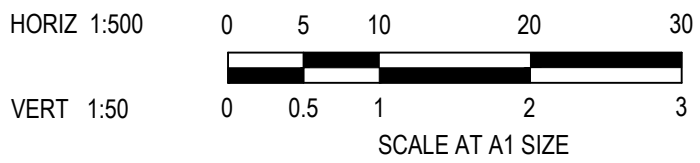
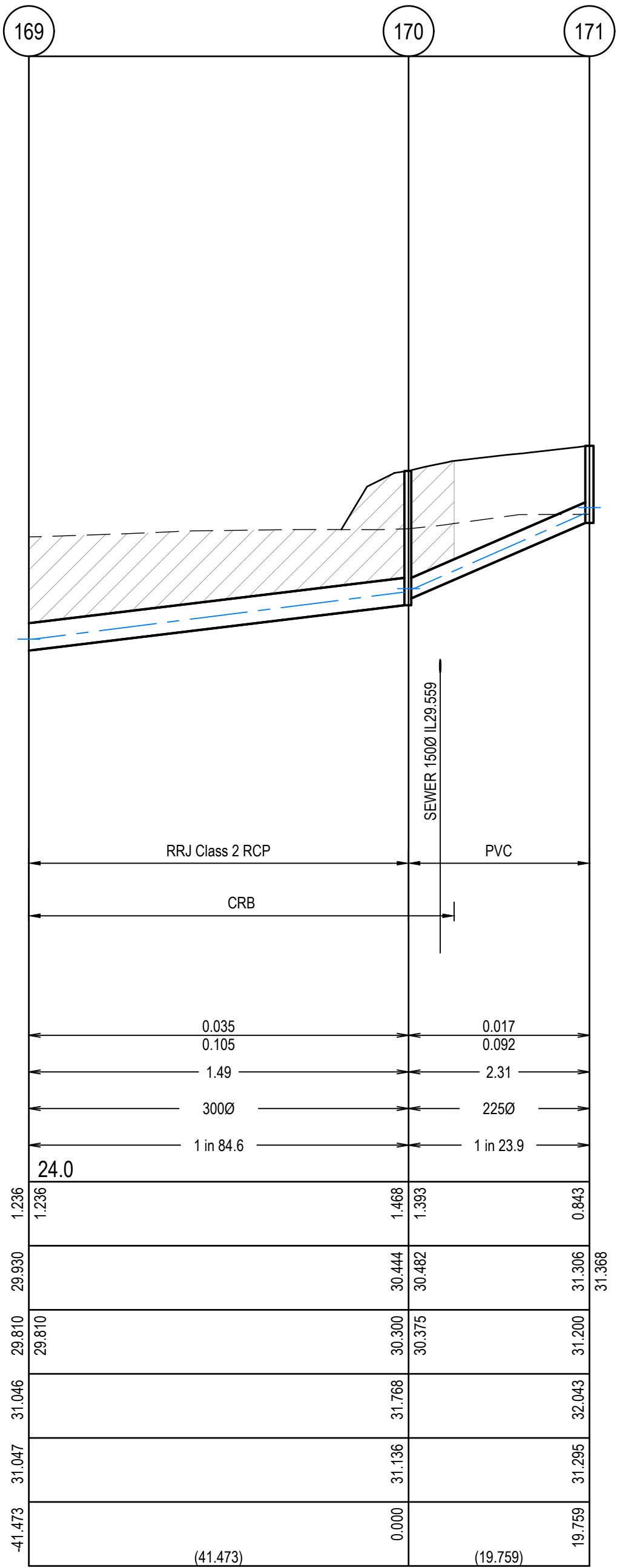
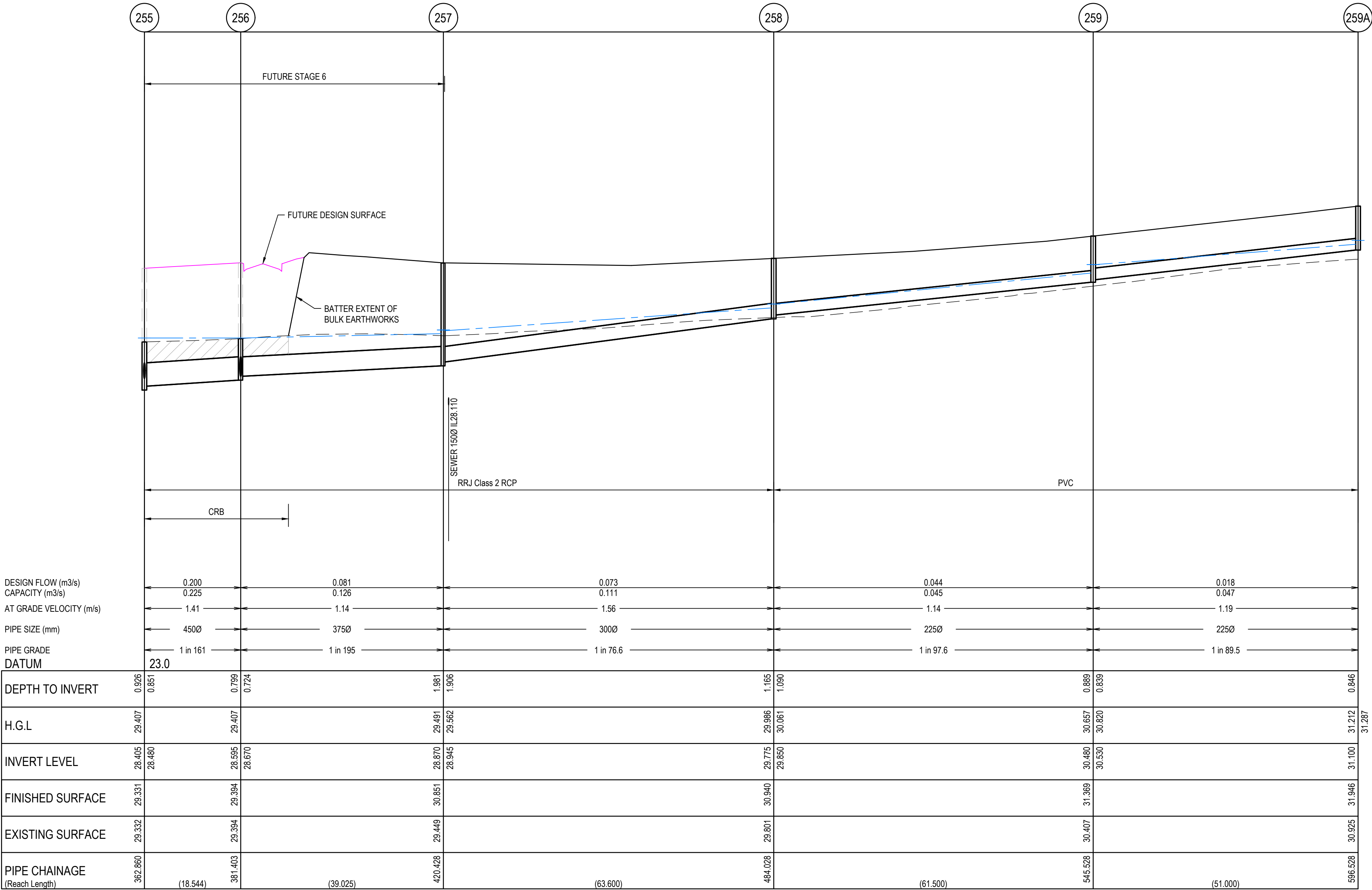
Scale
1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
1800297	07	400	A

NOTES:
ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND

DENOTES 20mm CLASS 3 FOR BACKFILL.



ISSUED FOR CONSTRUCTION

© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted										
A	ISSUED FOR CONSTRUCTION			05.01.26	HP	NM				
REV	DESCRIPTION			DATE	DRN	APP	REV	DESCRIPTION		

Goldmate

OAK GROVE
CLYDE NORTH

Designed
Date

Drawn

Checked
Date

Approved
Reg. No.
Date

PS Number

H.PHAM
02.05.2025
H.PHAM
05.05.2025
K. LEE
05.05.2025
N. MARTENS
PE0008272
05.05.2025
PS922137F

BW

Beveridge Williams

Development & Infrastructure Consultants

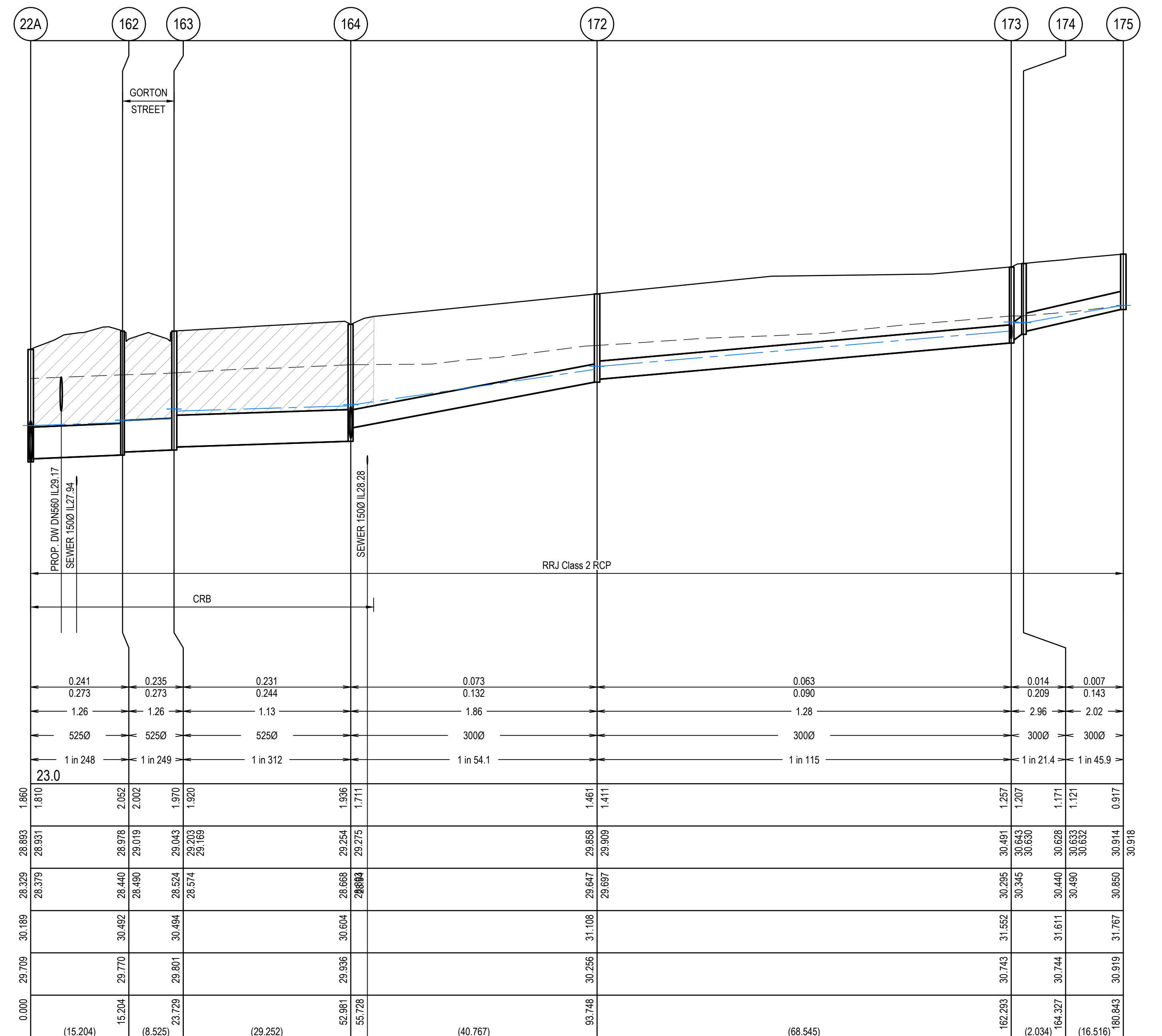
1 Glenferrie Road
Malvern VIC 3144

ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	OAK GROVE ESTATE STAGE 07 CITY OF CASEY			Sheet 20 of 26	
	Drawing Title			Scale 1:500 H 1:50 V @ A1	
	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 4)			Project Ref 1800297	Stage No 07
			Drawing No 401	Rev A	

K:\jobs data\1800297 - 2175 Smiths Lane & 2125 Thompson Road, Clyde North_Eng\Stage 07\Drawings\1800297-07-400-DLS.dwg

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	INDICATIVE FUTURE DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



NOTES:
ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND

EXISTING SURFACE

DESIGN SURFACE

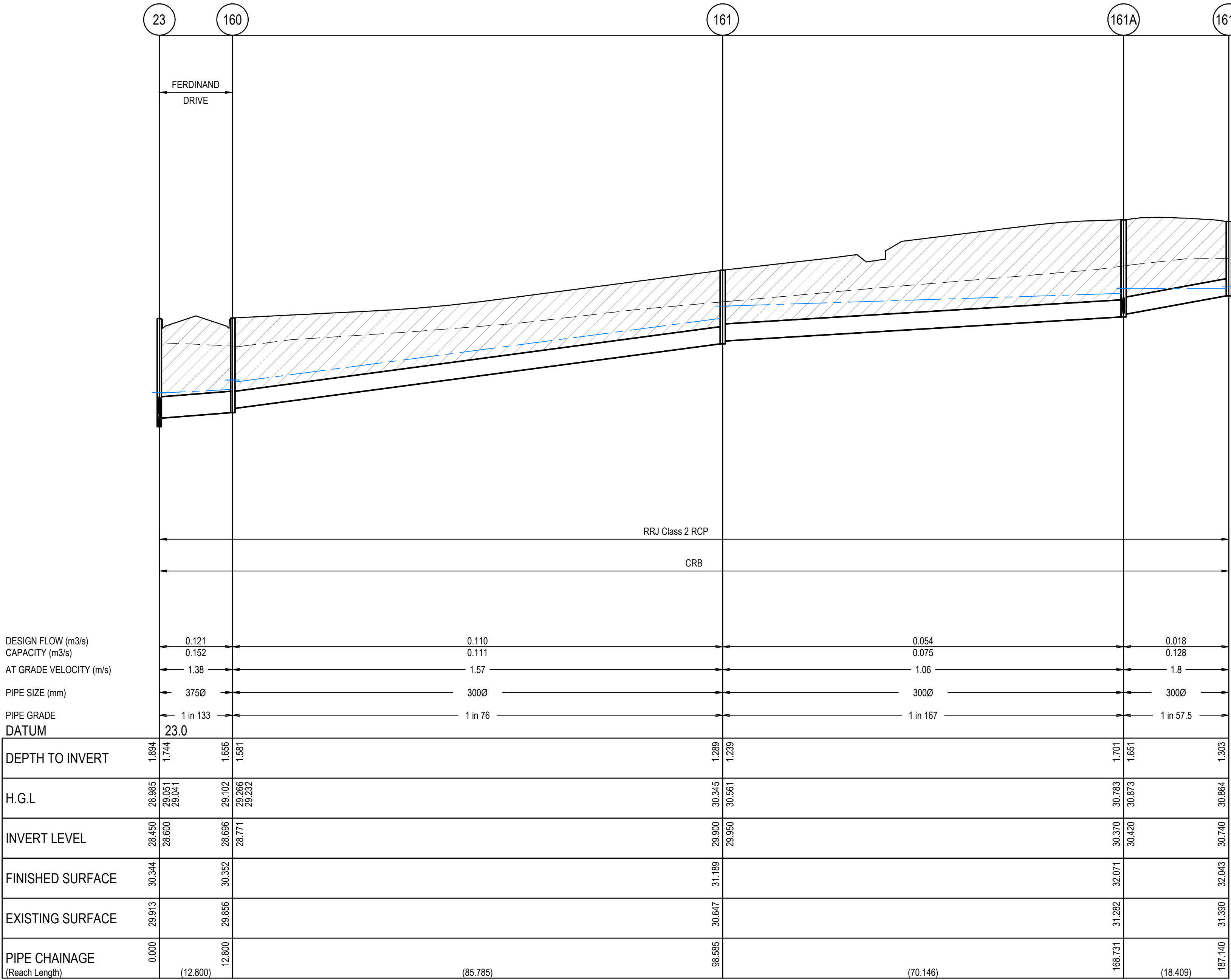
INDICATIVE FUTURE DESIGN SURFACE

DRAINAGE PIPE/PIT

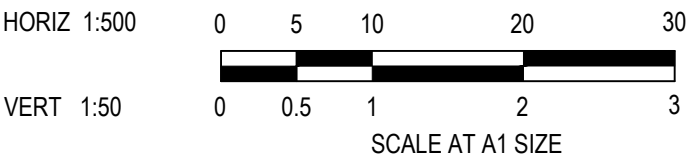
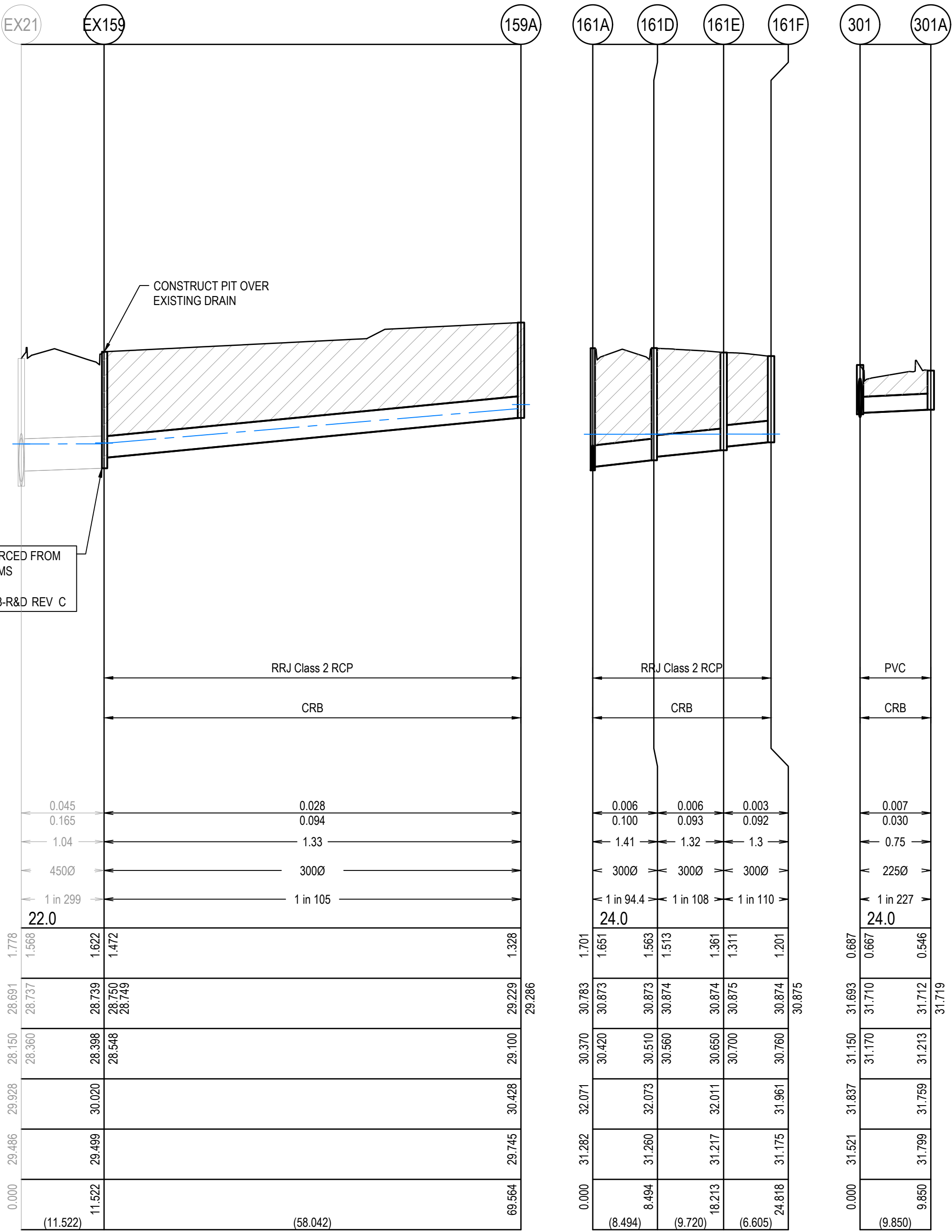
EXISTING DRAINAGE PIPE/PIT

HYDRAULIC GRADE LINE

DENOTES 20mm CLASS 3 FOR BACKFILL.



INVERT LEVEL SOURCED FROM
BEVERIDGE WILLIAMS
DESIGN PLANS
DWG No. 1800297-03-R&D REV C



ISSUED FOR
CONSTRUCTION

© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					
REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP

Goldmate

OAK GROVE
CLYDE NORTH

Designed	H. PHAM
Date	02.05.2025
Drawn	H. PHAM
Checked	K. LEE
Date	05.05.2025
Approved	N. MARTENS
Reg. No.	PE0008272
Date	05.05.2025
PS Number	PS922137F

BW

Beveridge Williams

Development & Infrastructure Consultants

1 Glenferrie Road
Malvern VIC 3144

ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	OAK GROVE ESTATE STAGE 07 CITY OF CASEY
Drawing Title	DRAINAGE LONGITUDINAL SECTIONS (SHEET 4 OF 4)

Sheet	22 of 26
Scale	1:500 H 1:50 V @ A1
Project Ref	1800297
Stage No	07
Drawing No	403
Rev	A



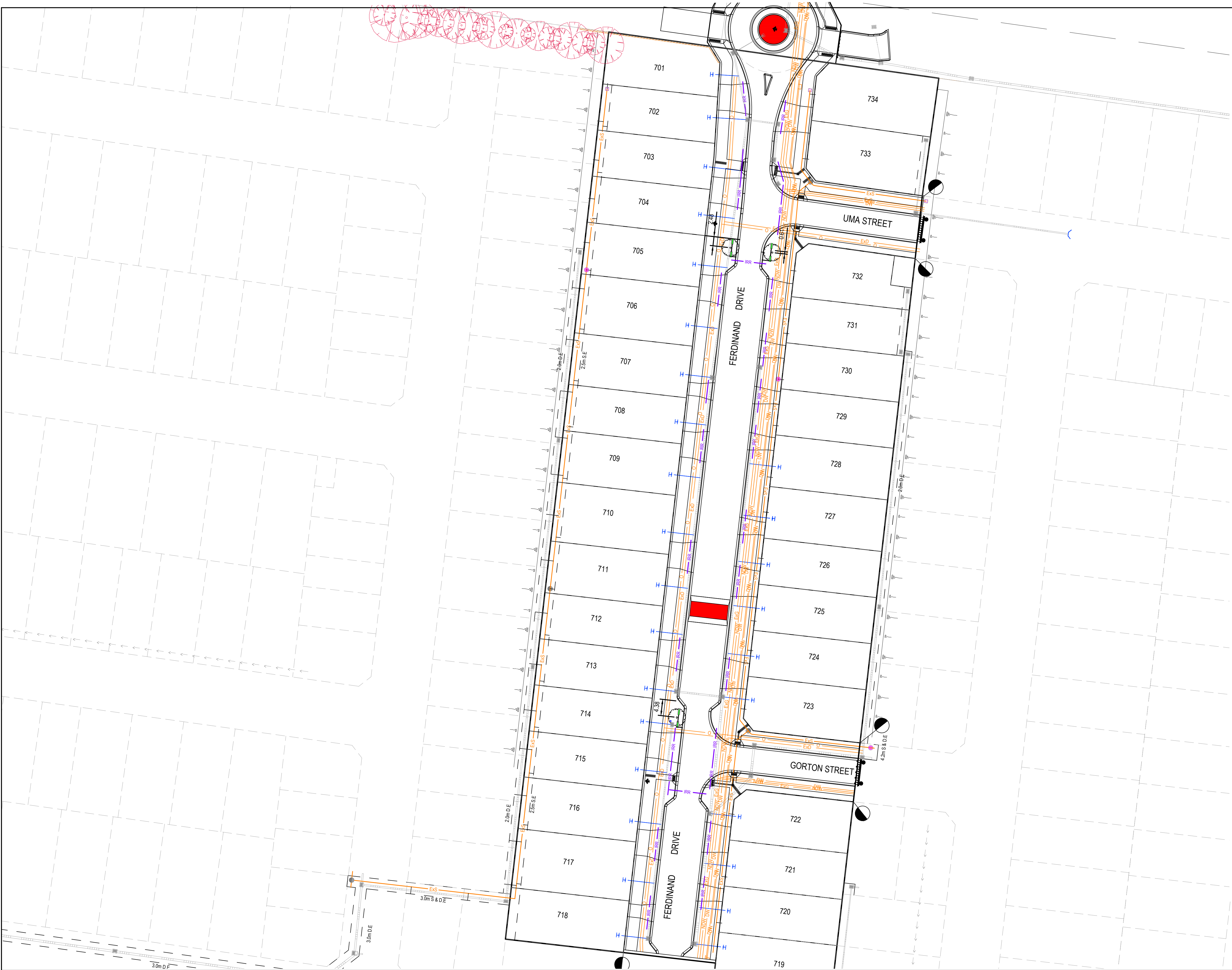
A purple triangle with the letter 'B' inside.



A purple triangle with the letter 'B' inside.



A purple triangle with the letter 'B' inside.



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS (INDICATIVE ONLY)
- ELECTRICITY (UNDERGROUND)
- ELECTRICITY (OVERHEAD)
- OPTIC FIBRE
- TELECOMMUNICATIONS
- GAS
- WATER
- RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING MELBOURNE WATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RIDGE LINE
- RETAINING WALL
- ZERO LOT LINES
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN
- DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
- "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- TREE PROTECTION ZONE (TPZ)
- PASSIVE IRRIGATION
- IRRIGATION CONDUIT

PASSIVE IRRIGATION NOTE

a. ELECTRICAL AND OPTIC FIBRE PROPERTY SERVICES SUCH AS THE CROSSINGS AND PITS HAVE NOT BEEN SHOWN ON THIS CIVIL PLAN. PLEASE REFER TO THE RELEVANT ELECTRICAL AND FIBRE OPTIC CONSTRUCTION DRAWINGS FOR DETAIL.

b. CONTRACTOR TO ENSURE THAN ALL THE SERVICES HAVE BEEN LAID AT THE RIGHT DEPTH TO ALLOW THE PASSIVE IRRIGATION TO BE CONSTRUCTED WITH SUFFICIENT CLEARANCE.

c. TREENET DETAIL AND INSTALLATION INFORMATION CAN BE FOUND IN THE DOCUMENT - 'R750 TREENET INLET MODEL SPECIFICATION'

ISSUED FOR CONSTRUCTION

© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.

Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	OAK GROVE ESTATE STAGE 07 CITY OF CASEY
Drawing Title	PASSIVE IRRIGATION PLAN (SHEET 1 OF 3)

Sheet	24 of 26
Scale	1:500 @ A1
Project Ref	1800297
Stage No	07
Drawing No	450
Rev	A



PASSIVE IRRIGATION NOTE

A. ELECTRICAL AND OPTIC FIBRE PROPERTY SERVICES SUCH AS THE CROSSINGS AND PITS HAVE NOT BEEN SHOWN ON THIS CIVIL PLAN. PLEASE REFER TO THE RELEVANT ELECTRICAL AND FIBRE OPTIC CONSTRUCTION DRAWINGS FOR DETAIL.

B. CONTRACTOR TO ENSURE THAN ALL THE SERVICES HAVE BEEN LAID AT THE RIGHT DEPTH TO ALLOW THE PASSIVE IRRIGATION TO BE CONSTRUCTED WITH SUFFICIENT CLEARANCE.

C. TREENET DETAIL AND INSTALLATION INFORMATION CAN BE FOUND IN THE DOCUMENT - "R750 TREENET INLET MODEL SPECIFICATION"

0 0.25 0.5 1.0 1.5 2.0 Scale 1:50 @ A3
0 0.25 0.5 1.0 1.5 2.0 Scale 1:25 @ A1

ISSUED FOR CONSTRUCTION

© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
B	AMENDED TREE LOCATION	04.05.26	KL	NM					
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					
REV	DESCRIPTION	DATE	DRN	APP	REV				

Goldmate

OAK GROVE
CLYDE NORTH

Designed	H. PHAM
Date	02.05.2025
Drawn	H. PHAM
Checked	K. LEE
Date	05.05.2025
Approved	N. MARTENS
Reg. No.	PE0008272
Date	05.05.2025
PS Number	PS922137F

BW Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	OAK GROVE ESTATE STAGE 07 CITY OF CASEY
Drawing Title	PASSIVE IRRIGATION PLAN (SHEET 2 OF 3)

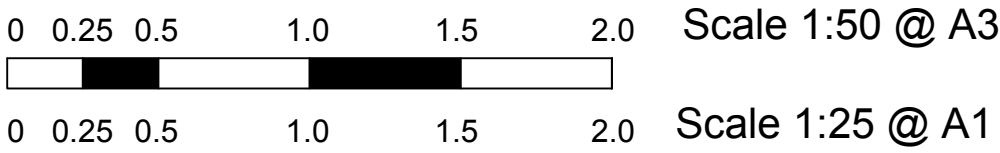
Sheet	25 of 26
Scale	1:25 @ A1
Project Ref	1800297
Stage No	07
Drawing No	451
Rev	B



PASSIVE IRRIGATION NOTE

- A. ELECTRICAL AND OPTIC FIBRE PROPERTY SERVICES SUCH AS THE CROSSINGS AND PITS HAVE NOT BEEN SHOWN ON THIS CIVIL PLAN. PLEASE REFER TO THE RELEVANT ELECTRICAL AND FIBRE OPTIC CONSTRUCTION DRAWINGS FOR DETAIL.
- B. CONTRACTOR TO ENSURE THAN ALL THE SERVICES HAVE BEEN LAID AT THE RIGHT DEPTH TO ALLOW THE PASSIVE IRRIGATION TO BE CONSTRUCTED WITH SUFFICIENT CLEARANCE.

C. TREENET DETAIL AND INSTALLATION INFORMATION CAN BE FOUND IN THE DOCUMENT - *'R750 TREENET INLET MODEL SPECIFICATION'*



ISSUED FOR
CONSTRUCTION

© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted									
A	ISSUED FOR CONSTRUCTION	05.01.26	HP	NM					
REV	DESCRIPTION	DATE	DRN	APP.	REV	DESCRIPTION	DATE	DRN	APP.

Goldmate

OAK GROVE
CLYDE NORTH

Designed	H. PHAM
Date	02.05.2025
Drawn	H. PHAM
Checked	K. LEE
Date	05.05.2025
Approved	N. MARTENS
Reg. No.	PE0008272
Date	05.05.2025
PS Number	PS922137F

BW Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	OAK GROVE ESTATE STAGE 07 CITY OF CASEY
Drawing Title	PASSIVE IRRIGATION PLAN (SHEET 3 OF 3)

Sheet 26 of 26

AS SHOWN

Project Ref	Stage No	Drawing No	Rev
1800297	07	452	A