

MERIDAN CENTRAL ESTATE - STAGE 42

BROWNS PROPERTY PTY. LTD.

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 Victorian Workcover Authority - 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 7251/4/203) 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. 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 (2007) & undertake safety precautions in trenching operations in accordance with Workcover's code of practice (1988).
- 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. Paling to be on the reserve side.

ROADWORKS

- C1. 100a 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 recalculation plan. The contractor must construct conduits to accord with the given offset & ensure that the concreter 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 (TGS) are to be installed at all tram crossings & pedestrian cross points in accordance with AS1428.4 : 2002 & 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 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 spliced pipes with bandage joints, having deflections within the manufacturer's specification.
- D4. All pipes to be Class Z' 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.

PAVEMENT

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

DRAWING INDEX

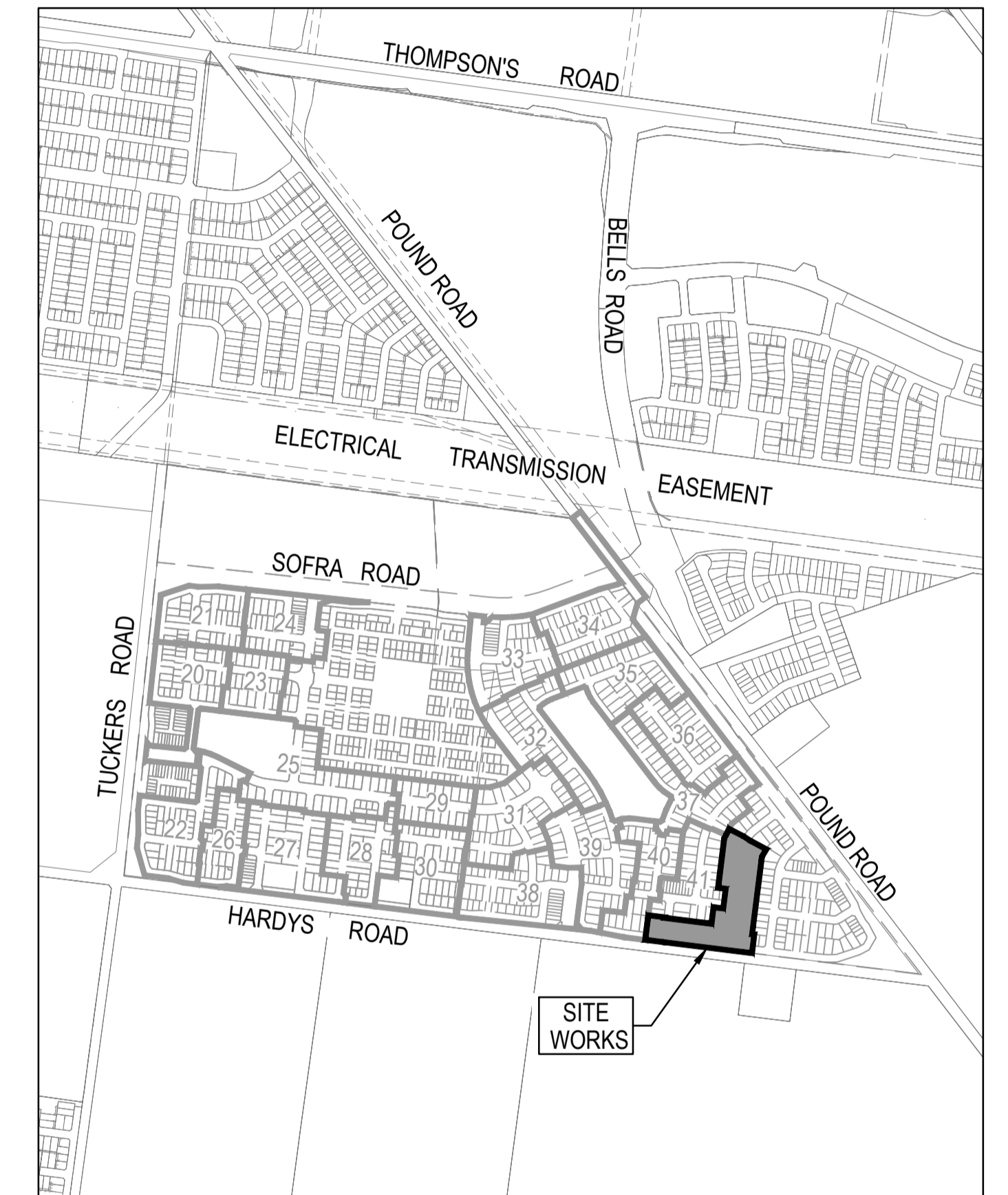
DRAWING No.	TITLE	REVISION
1801767-42-001	COVER SHEET	A
1801767-42-002	TYPICAL ROAD CROSS SECTIONS	A
1801767-42-003	PAVEMENT MAKEUP & GENERAL DETAILS	A
1801767-42-010	LAYOUT PLAN (SHEET 1 OF 2)	A
1801767-42-011	LAYOUT PLAN (SHEET 2 OF 2)	A
1801767-42-100	ROAD LONGITUDINAL SECTIONS KILLARI CIRCUIT	A
1801767-42-101	ROAD LONGITUDINAL SECTIONS ALAMBADI STREET	A
1801767-42-102	ROAD LONGITUDINAL SECTIONS BAKOSI ROAD	A
1801767-42-200	ROAD CROSS SECTIONS KILLARI CIRCUIT	A
1801767-42-201	ROAD CROSS SECTIONS ALAMBADI STREET (SHEET 1 OF 2)	A
1801767-42-202	ROAD CROSS SECTIONS ALAMBADI STREET (SHEET 2 OF 2)	A
1801767-42-203	ROAD CROSS SECTIONS BAKOSI ROAD	A
1801767-42-300	INTERSECTION DETAILS (SHEET 1 OF 3)	A
1801767-42-301	INTERSECTION DETAILS (SHEET 2 OF 3)	A
1801767-42-302	INTERSECTION DETAILS (SHEET 3 OF 3)	A
1801767-42-350	SIGNAGE & LINE MARKING PLANS	A
1801767-42-400	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 2)	A
1801767-42-401	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 2)	A
1801767-42-402	PIT SCHEDULE	A

Survey Origin:

Coordinates are on a local plane datum based upon MGA2020 Zone 55 bearings and truncated MGA2020 Zone 55 co-ordinates at PM77. Heights are to AHD vied Permanent Mark PM 56 (Cranbourne) RL 26.71 Bearing Datum is MGA2020 Zone 55 which has been derived by our GPSnet Survey.

Plane Grid Coordinates to MGA2020 Zone 55 Grid Coordinates Conversion.

(PLANE SHIFT) Add + 353,823.586 to Eastings
 Add +5,780,840.520 to Northings
 (APPLY SCALE FACTOR) Scale by 0.999846 at point PM77



SITE PLAN

NOT TO SCALE

MELWAY REF: 135 G4

ISSUED FOR CONSTRUCTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					



Designed	C. DAWSON
Date	02.12.2022
Drawn	M.F. JAURIGUE
Checked	M. FELICIANO
Date	08.12.2022
Approved	M. FELICIANO
Reg. No.	PE0005645
Date	08.12.2022
PS Number	PSS008382W

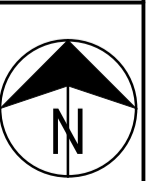
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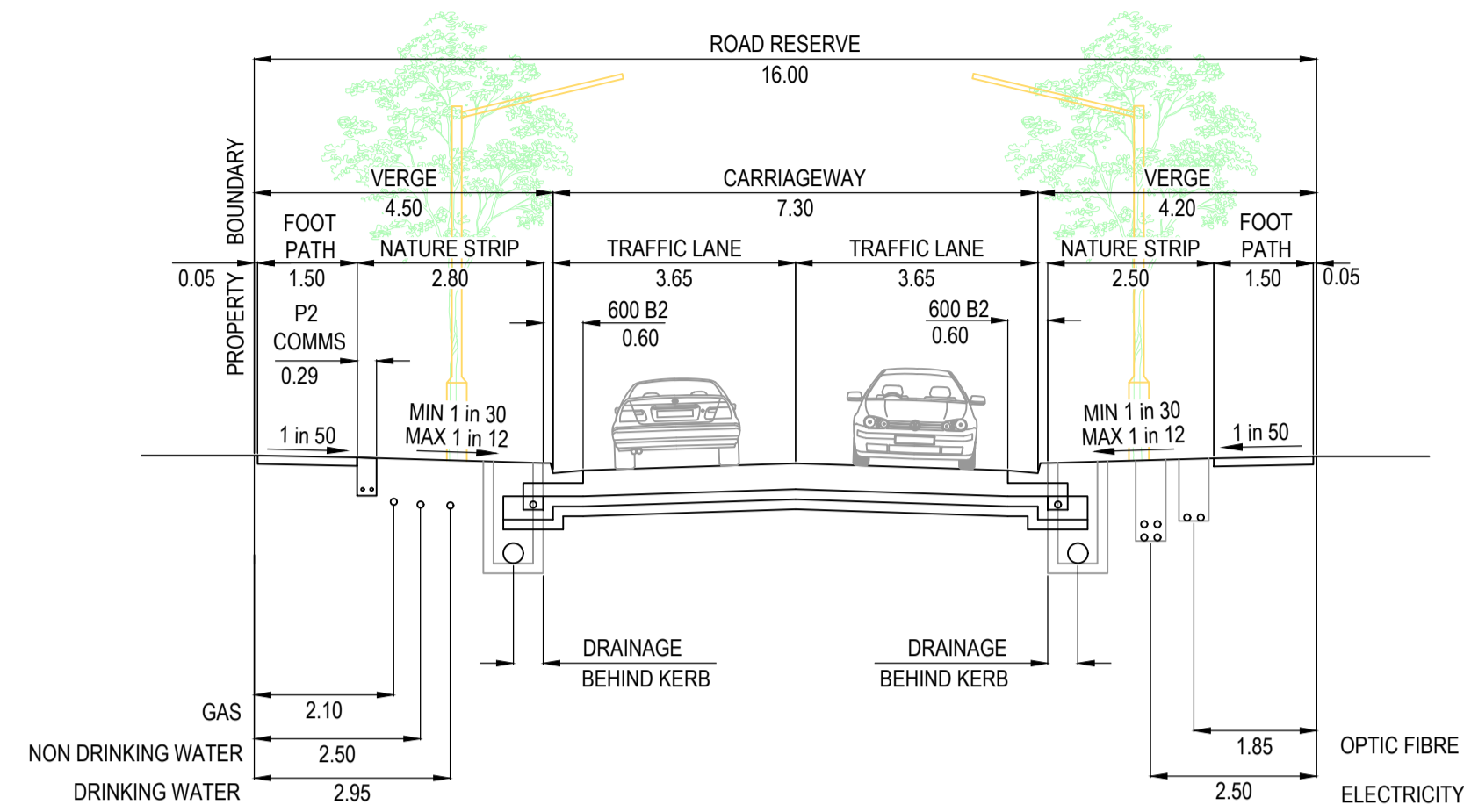
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Drawing Title	COVER SHEET

Sheet 01 of 19

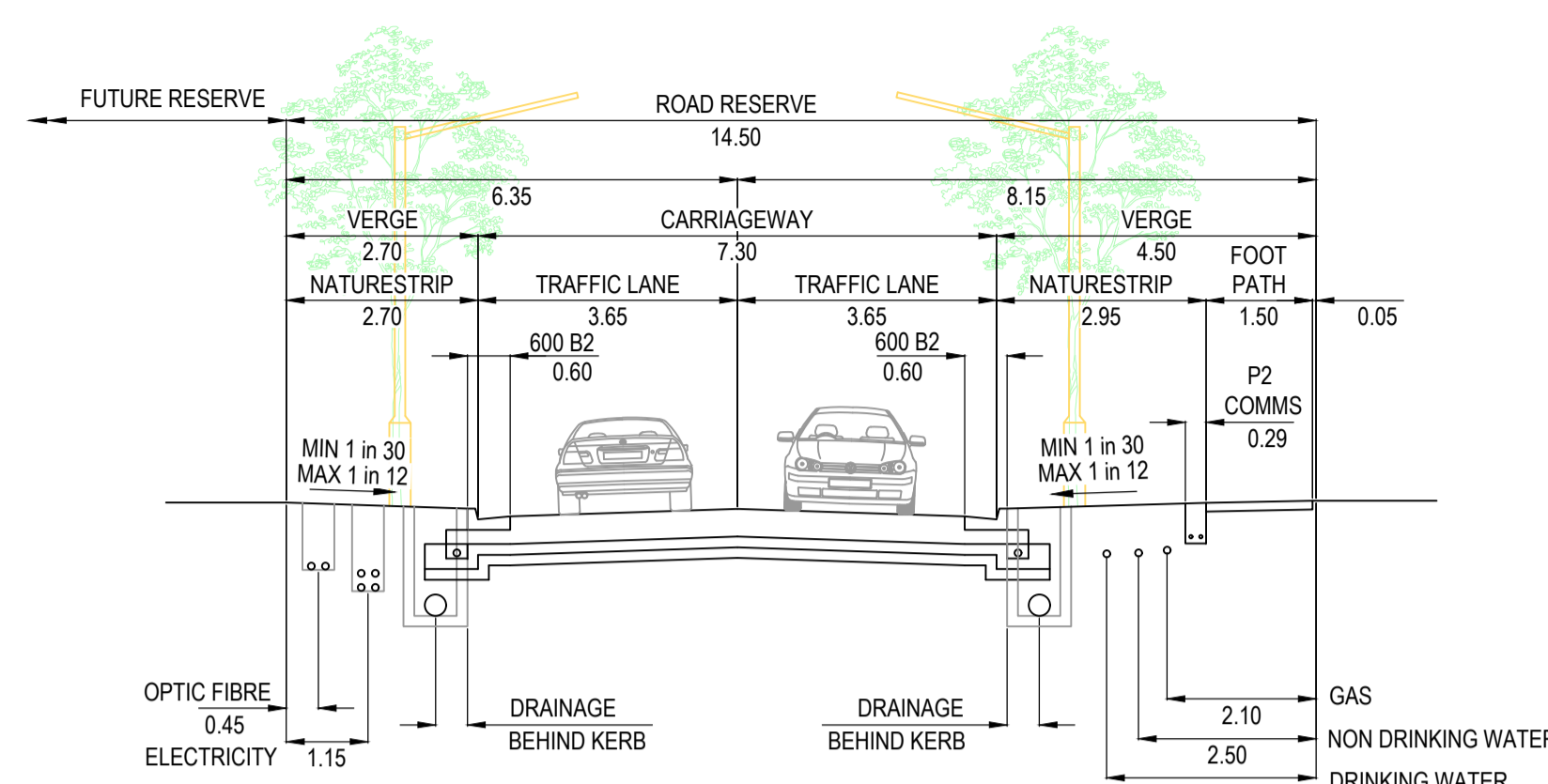
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Project Ref	Stage No	Drawing No	Rev
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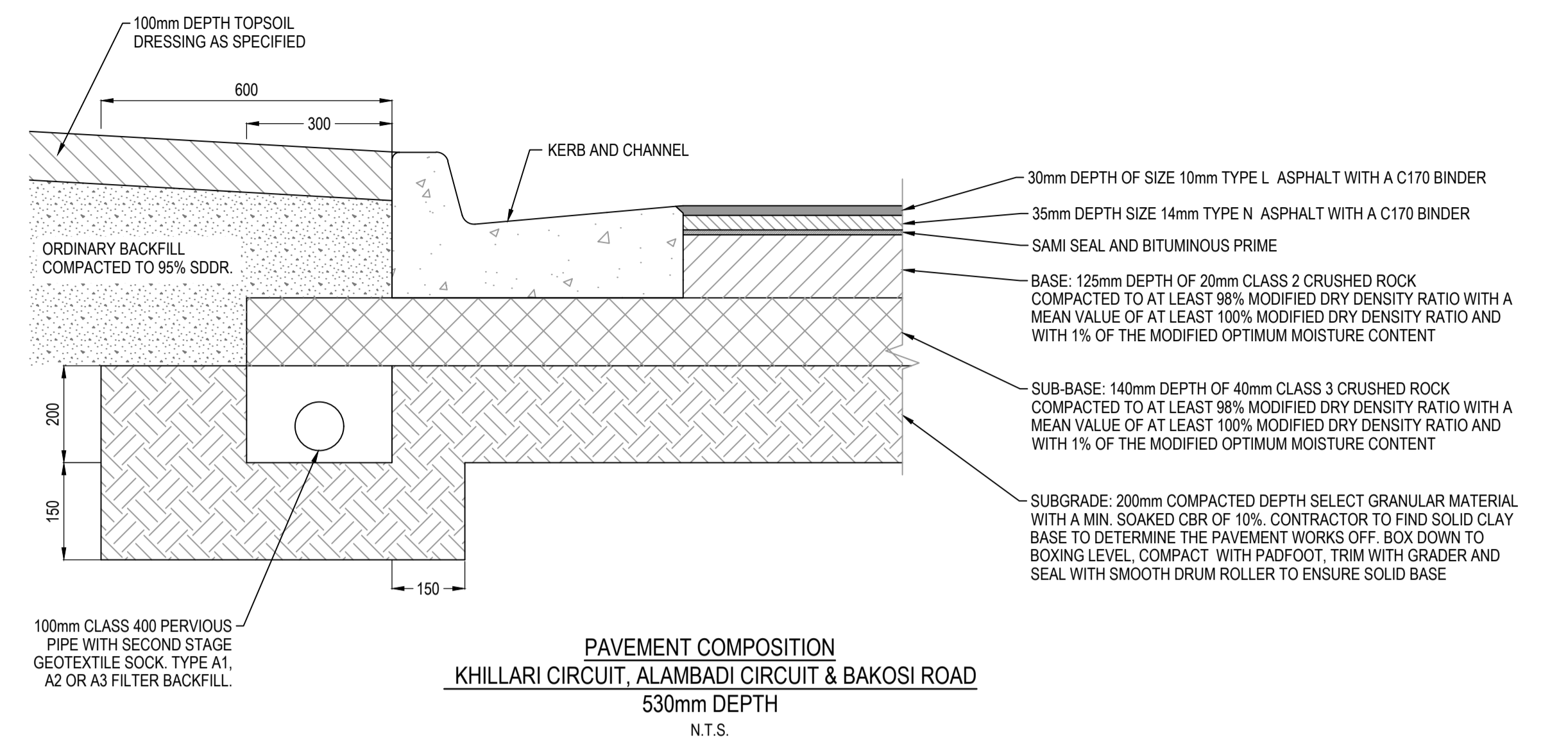




16.0m ROAD RESERVE
BAKOSI ROAD (LOTS 4226 - 4227)
SCALE 1:100

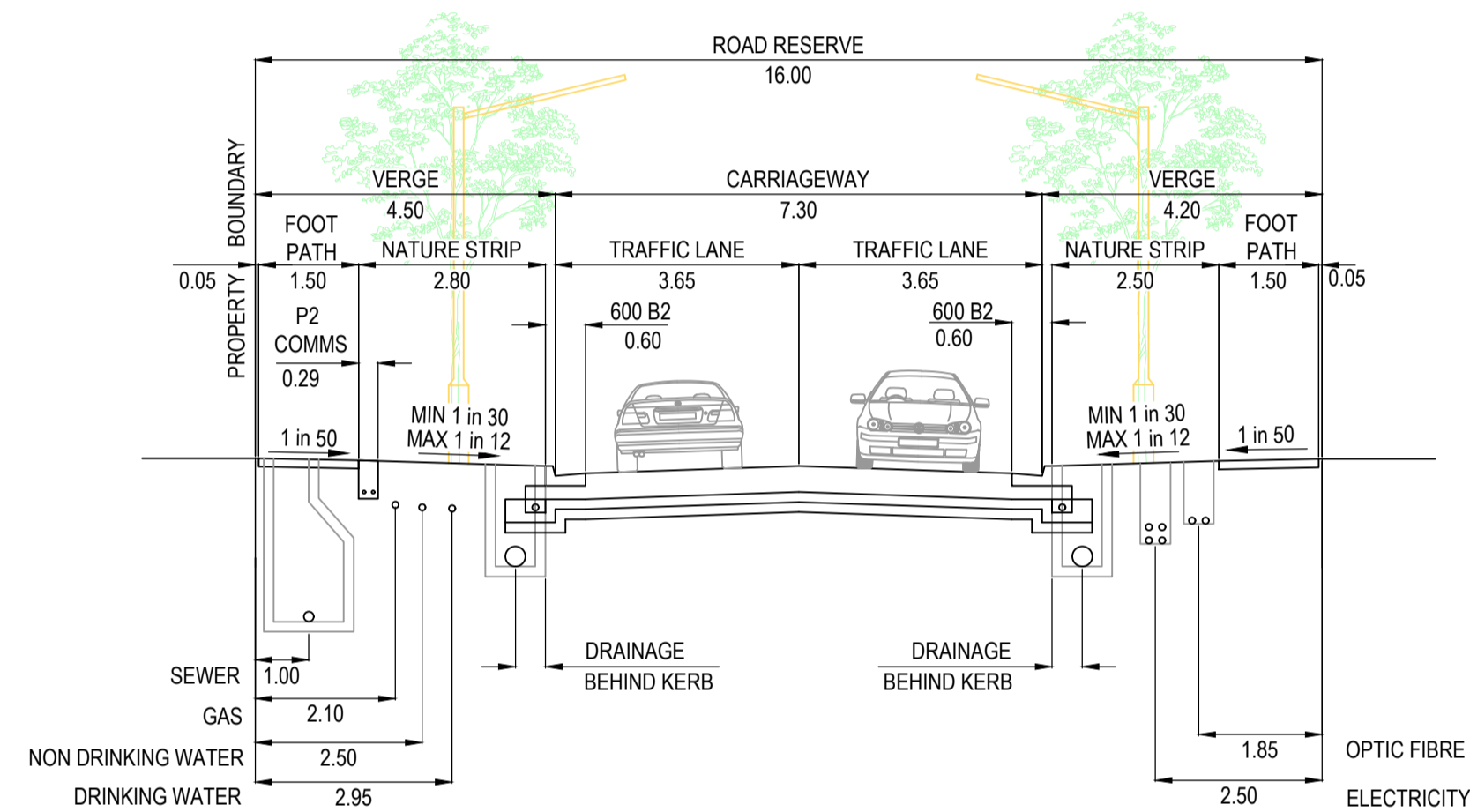


14.5m ROAD RESERVE
KHELLARI CIRCUIT (LOT 4224), BAKOSI ROAD (LOTS
4227 - 4232) & ALAMBADI CIRCUIT (LOTS 4221 - 4223)
SCALE 1:100

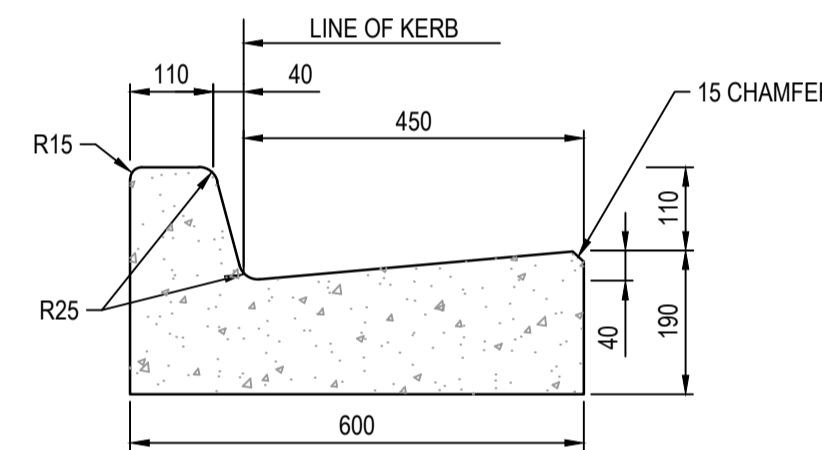


PAVEMENT COMPOSITION
KHELLARI CIRCUIT, ALAMBADI CIRCUIT & BAKOSI ROAD
530mm DEPTH
N.T.S.

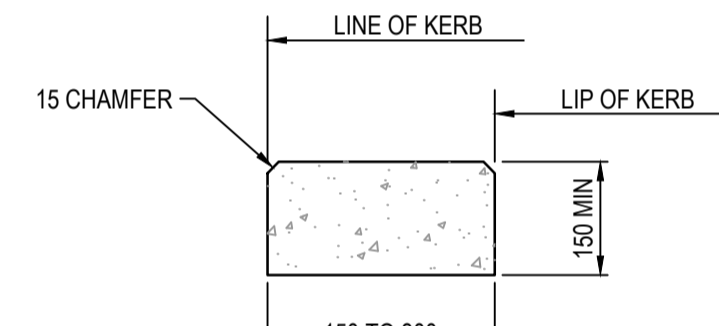
REFER STANDARD DRAWING
EDCM 202 FOR DETAILS.



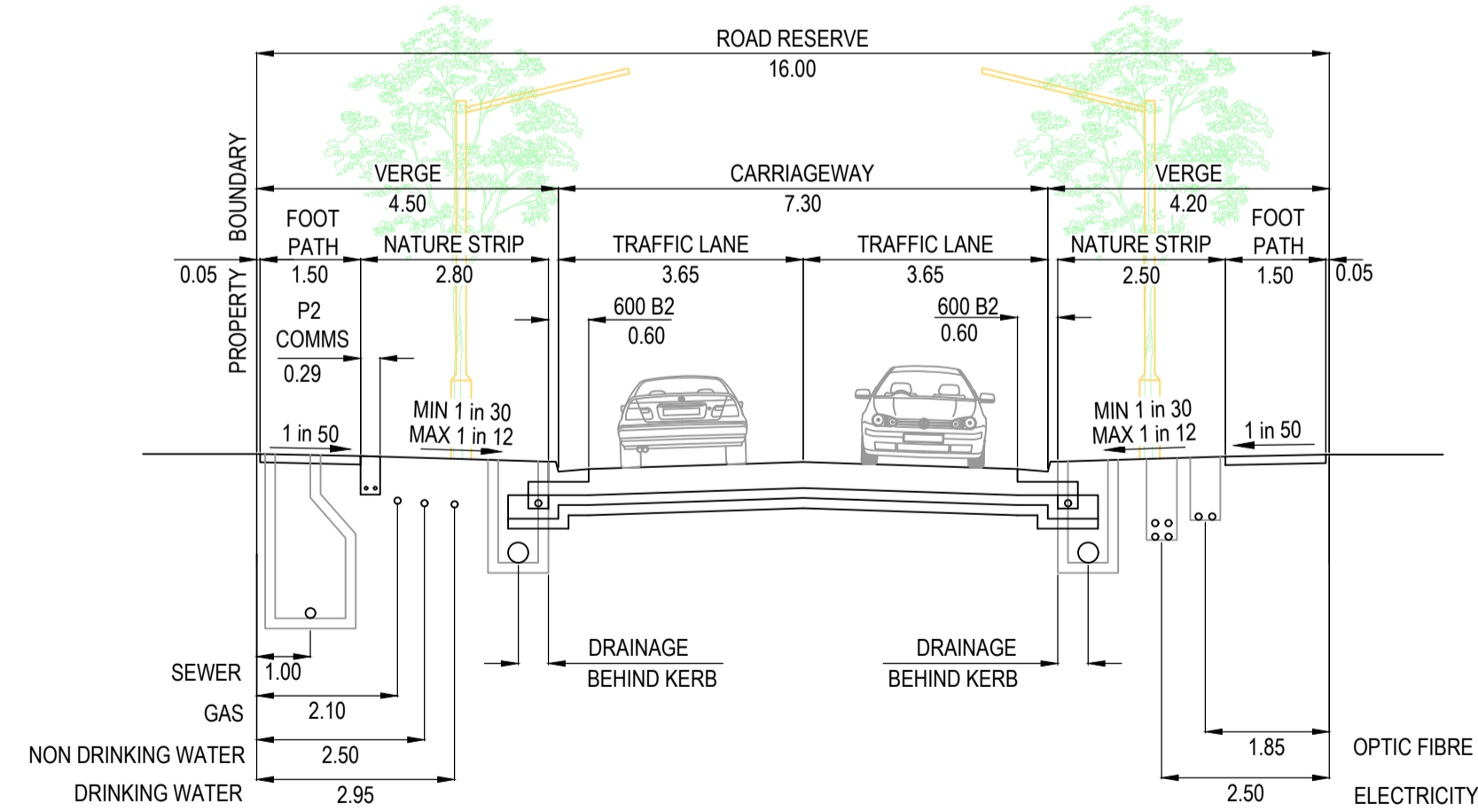
16.0m ROAD RESERVE
KHELLARI CIRCUIT (LOT 4201)
SCALE 1:100



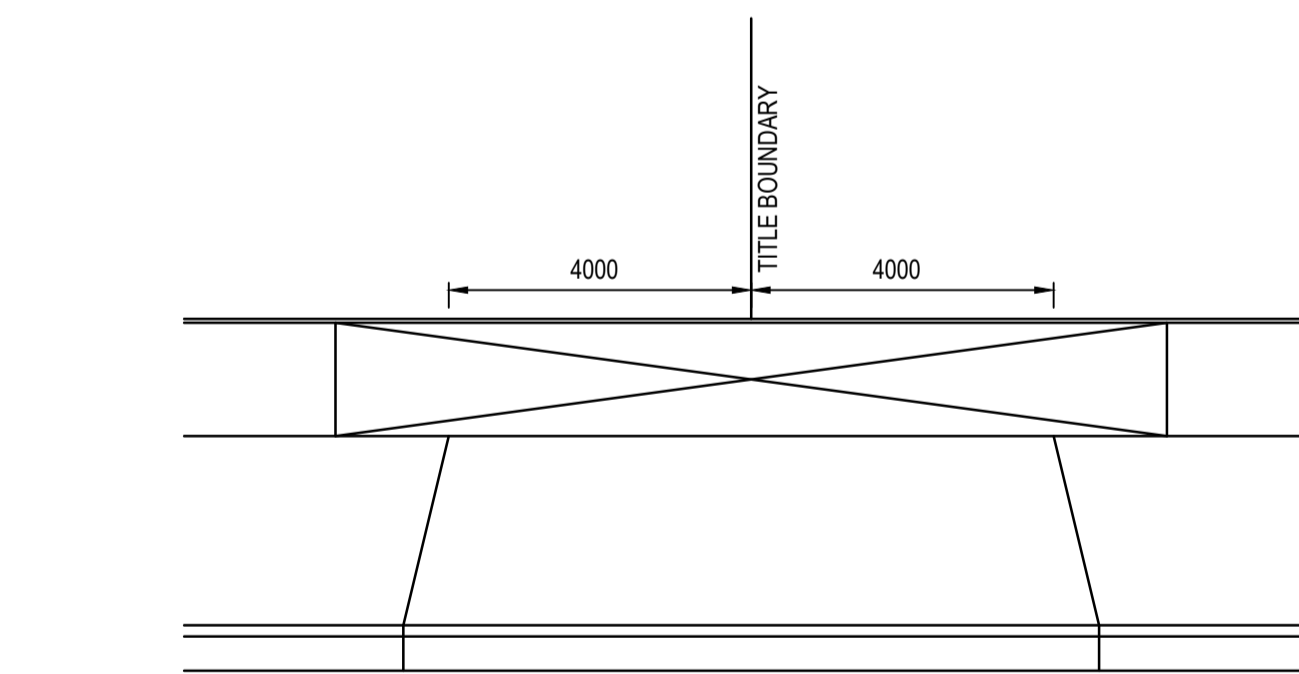
600 WIDE BARRIER KERB (600 B2) DETAIL
SCALE 1:10



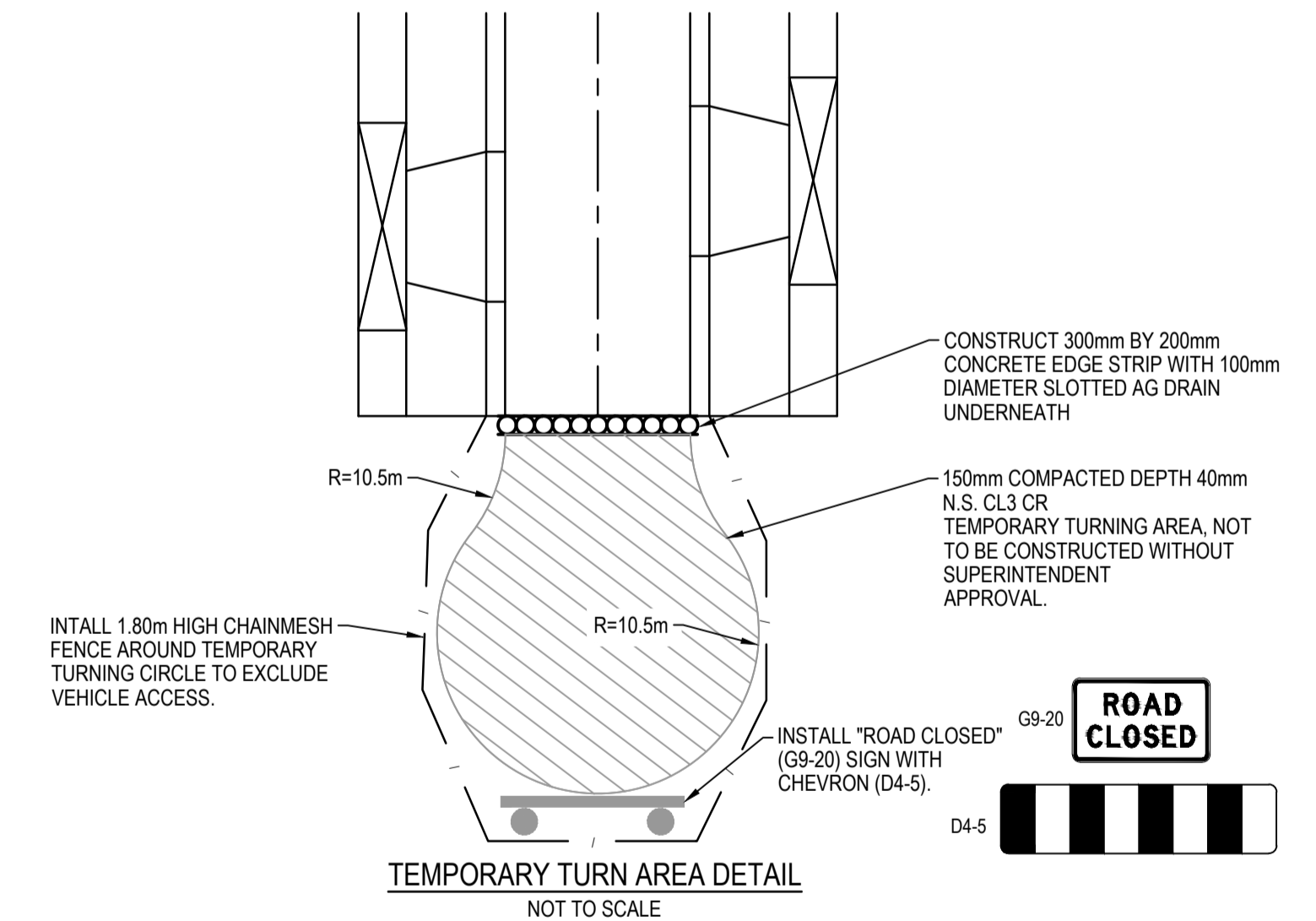
EDGE STRIP DETAIL
SCALE 1:10



16.0m ROAD RESERVE
ALAMBADI CIRCUIT (LOTS 4210 - 4220)
SCALE 1:100



NOTES
1. REFER TO EDCM 502 FOR FURTHER DETAILS
8.0m DOUBLE VEHICLE CROSSING DETAIL
NOT TO SCALE



TEMPORARY TURN AREA DETAIL
NOT TO SCALE

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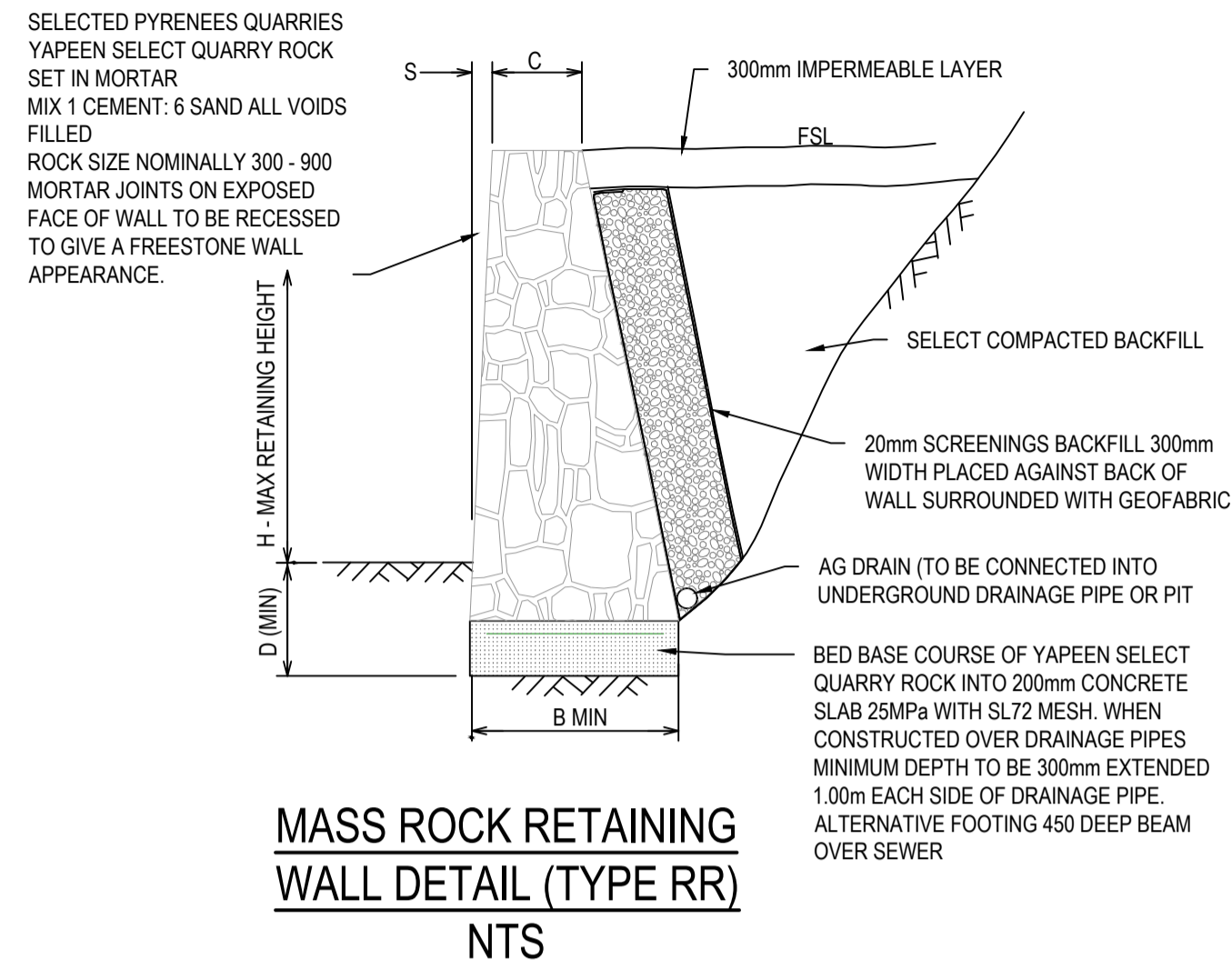


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Project Details	MERIDIAN CENTRAL ESTATE STAGE 42 CITY OF CASEY
Drawing Title	TYPICAL ROAD CROSS SECTIONS PAVEMENT MAKEUP & GENERAL DETAILS

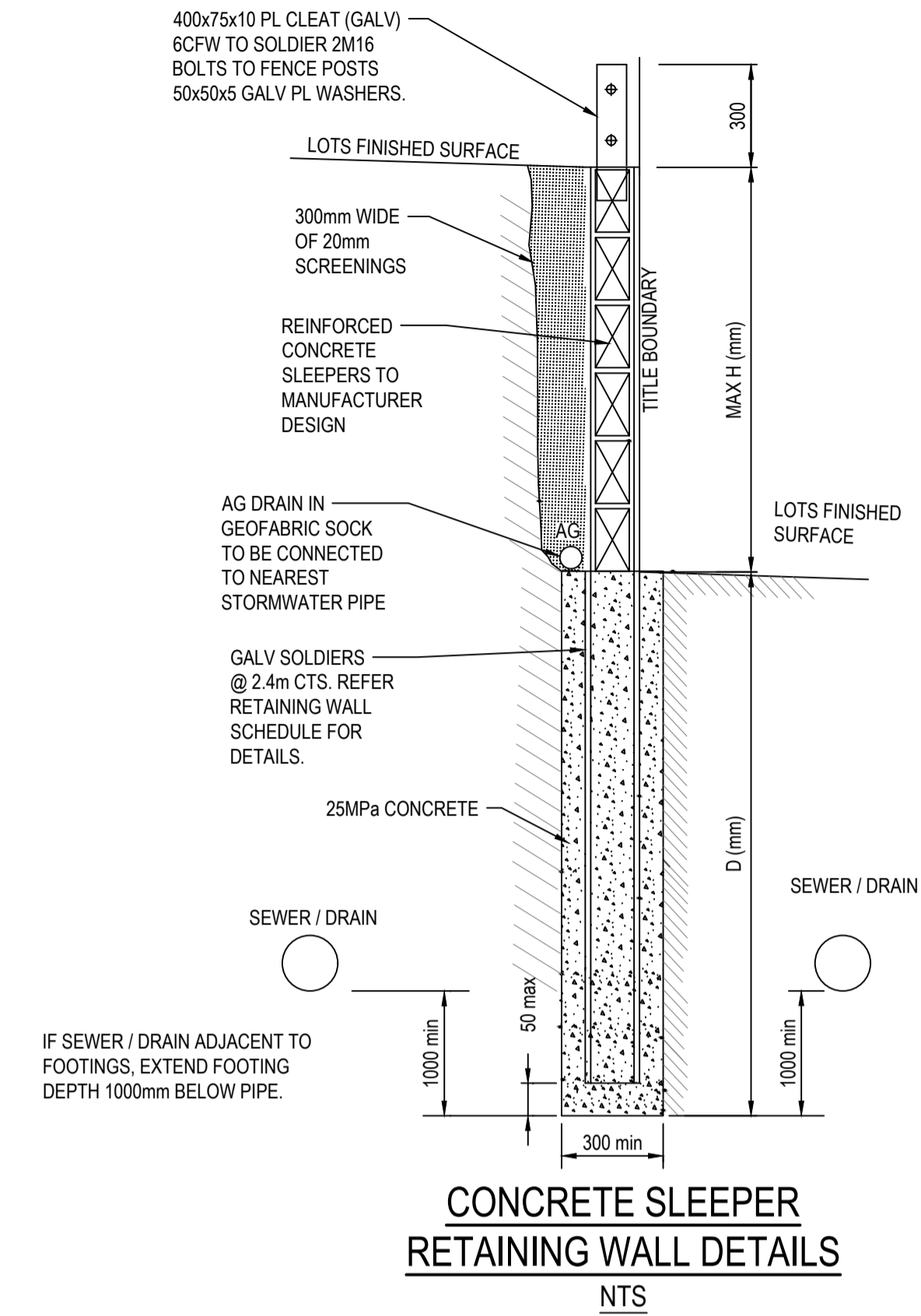
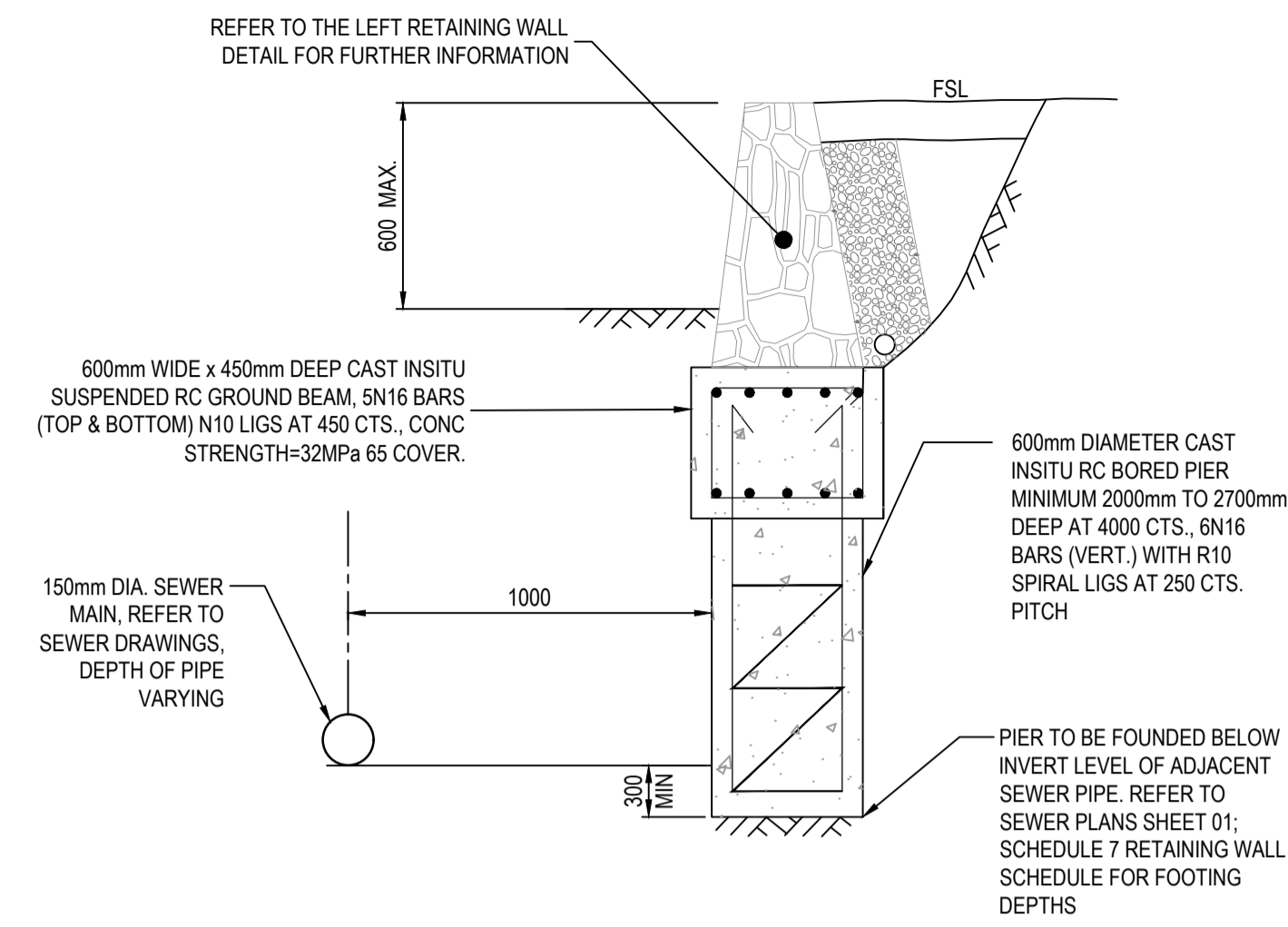
Sheet	02 of 19
Scale	AS SHOWN
Project Ref	1801767
Stage No	42
Drawing No	002
Rev	A



MASS ROCK RETAINING WALL SCHEDULE

MAX WALL HEIGHT-H(mm)	FOUNDING DEPTH-D(mm)	BASE WIDTH - B(mm)	FRONT FACE SETBACK-S (mm)	CREST WIDTH-C(mm)
400	400	450	15	300
500	400	500	15	300
600	400	500	30	300
800	400	600	30	300
1000	400	700	30	300

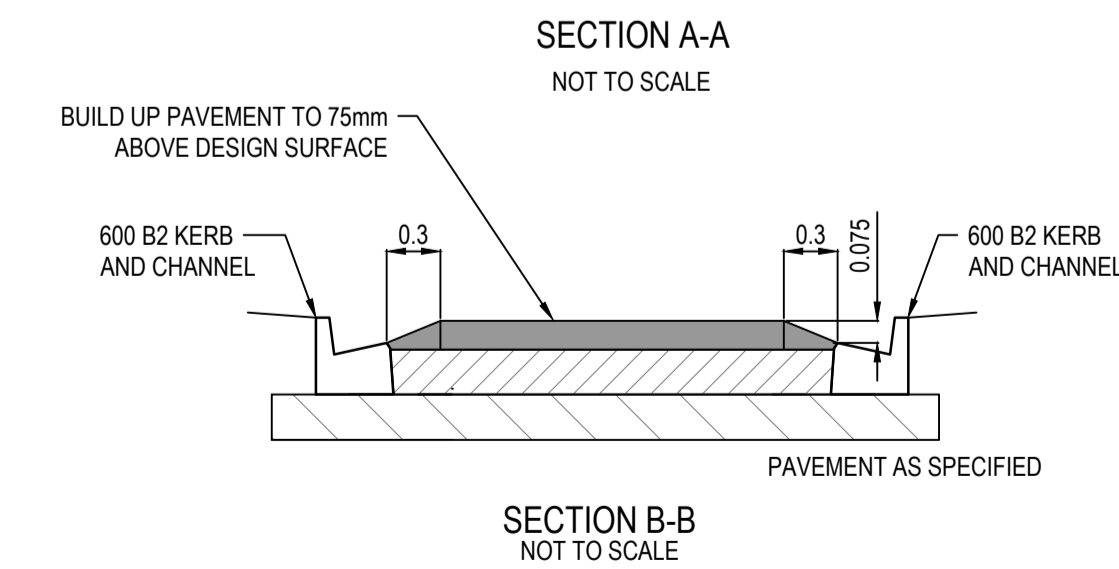
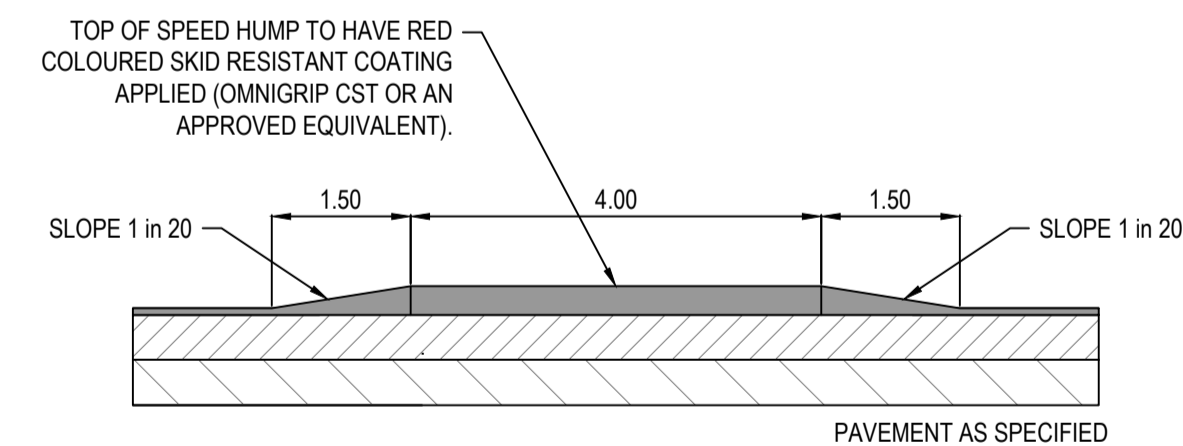
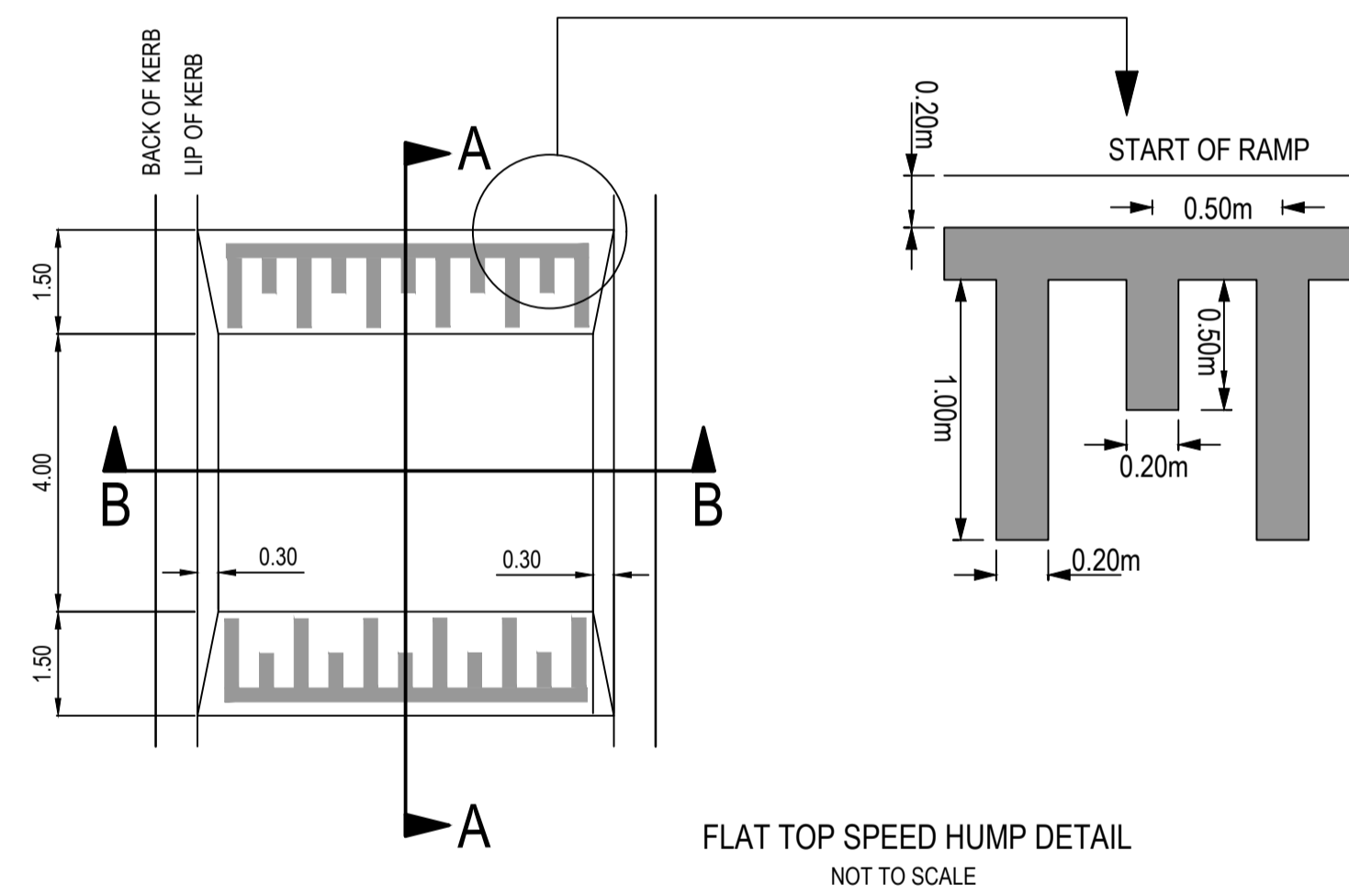
- RETAINING WALL NOTE R.1
a. WHERE FOOTPATH ABUTS RETAINING WALL CONTINUE CONCRETE UP TO BASE OF RETAINING WALL.
- FOOTING NOTE F.2
a. TOE OF WALL SHALL PENETRATE THROUGH ANY FILL MATERIAL & THE NATURAL SILT SOILS TO BE FOUNDED AT LEAST 100mm INTO THIS UNDERLYING NATURAL STILL CLAY OR WEATHERED ROCK.
ALL EXCAVATIONS SHALL HAVE FOUNDING DEPTHS AND BEARING CAPACITY APPROVED BY THE ENGINEER OR BUILDING SURVEYOR BEFORE CONCRETE IS PLACED.
FOOTING EXCAVATIONS WHICH ARE DEEPEND TO PENETRATE THROUGH UNSUITABLE SOILS SHALL BE BACKFILLED UP TO UNDERSIDE OF FOOTINGS WITH 15 MPa BLINDING CONCRETE.
b. ALL EXCAVATION FOUNDING SURFACES SHALL BE LEVEL (NOT INCLINED) CLEAN CUT & FREE OF MUD OR WATER.
c. ALL SEEPAGE INFLOW SHALL BE REMOVED BEFORE PLACEMENT OF CONCRETE.
d. FOOTINGS SHALL BE FOUNDED IN STIFF NATURAL CLAY HAVING A SAFE BEARING CAPACITY OF 150KPa.



CONCRETE SLEEPER RETAINING WALL SCHEDULE

HEIGHT - H(mm)	DEPTH - D(mm)	SOLDIERS SIZE @ 2.4m CTS
600	900	100 UC 14.8
800	1200	100 UC 14.8
1000	1500	100 UC 14.8

Dmin TO BE GREATER OF THAT SHOWN ABOVE OR 1000mm BELOW ADJACENT SEWER / DRAINAGE



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Date 02.12.2022
Drawn M.F. JAURIGUE
Checked M. FELICIANO
Date 08.12.2022
Approved M. FELICIANO
Reg. No. PE0005645
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PS Number PS90832W

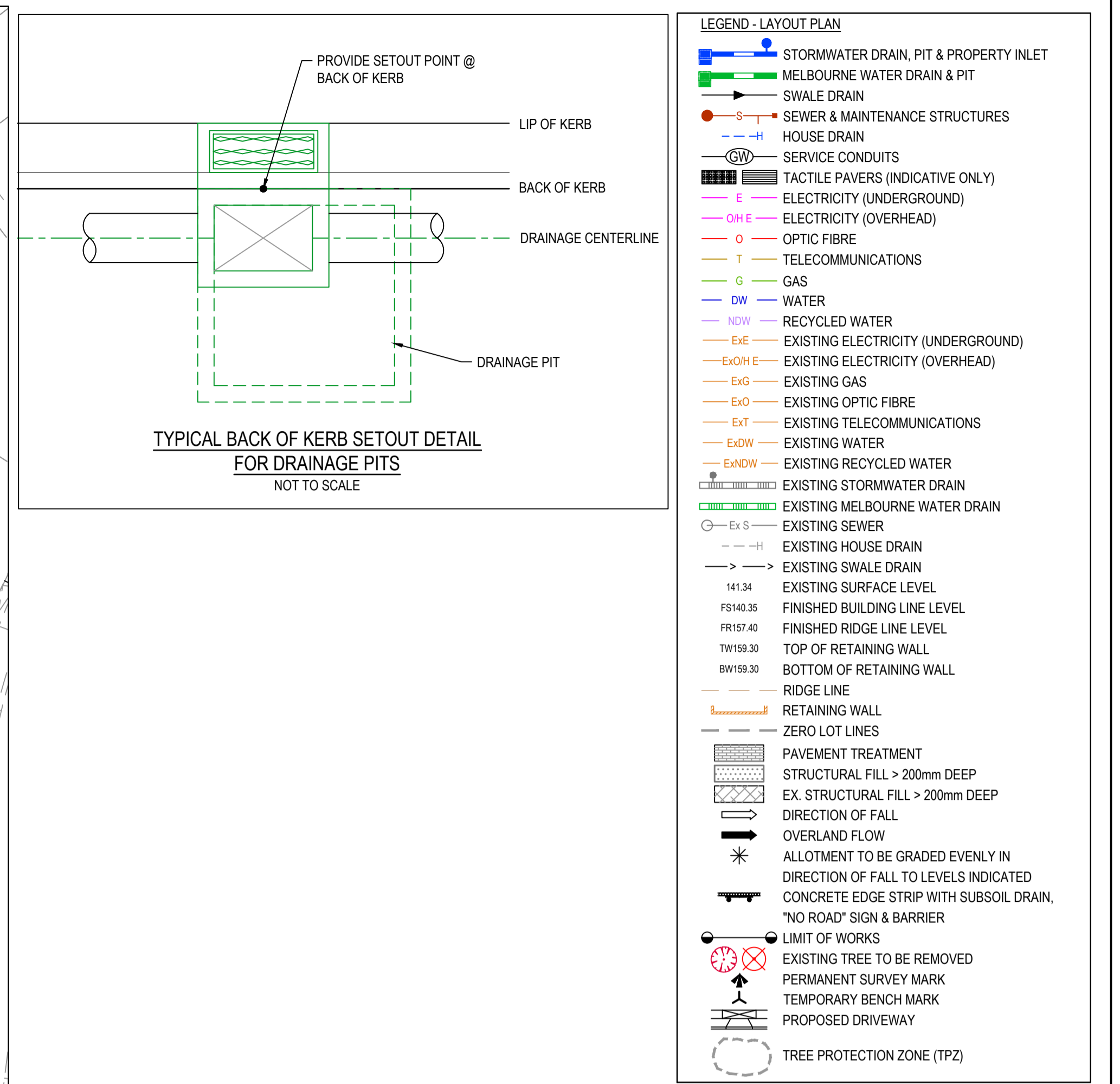
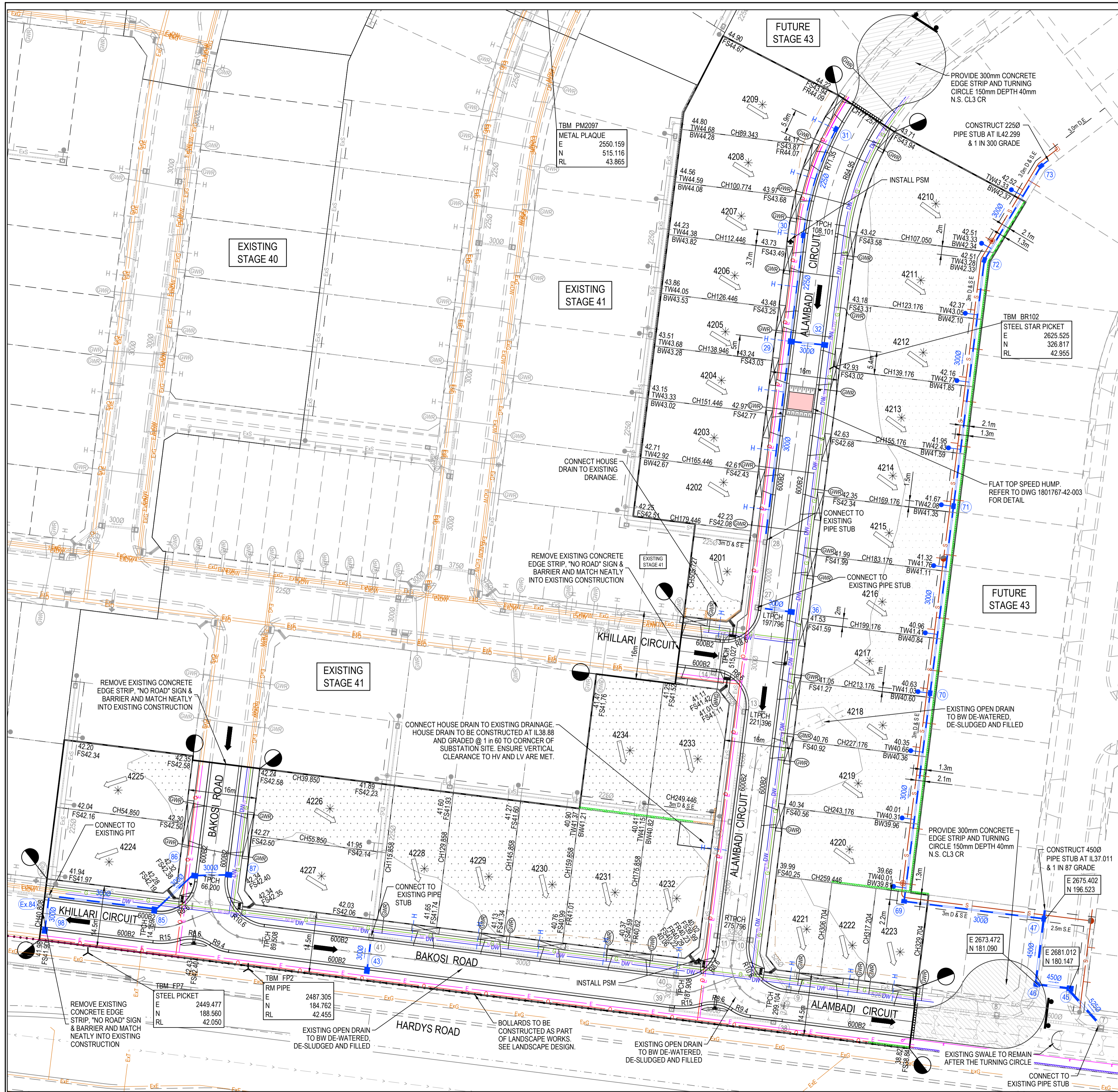
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Project Details
MERIDIAN CENTRAL ESTATE
STAGE 42
CITY OF CASEY

Drawing Title
RETAINING WALL DETAILS
& GENERAL DETAILS

Sheet 03 of 19
Scale AS SHOWN

Project Ref	Stage No	Drawing No	Rev
1801767	42	003	A



ROAD LAYOUT TABLE

Road Name	Reserve Width (m)	Road Width (m)			Kerb Type		Verge Width (m)	
		Lip to Lip	Inv to Inv	Back to Back	Nth/West	Sth/East	Nth/West	Sth/East
KHILLARI CIRCUIT (LOT 4201)	16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20
KHILLARI CIRCUIT (LOT 4224)	14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
ALAMBADI CIRCUIT (LOT 4210 - 4220)	16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20
ALAMBADI CIRCUIT (LOT 4221 - 4223)	14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
BAKOSI ROAD (LOT 4227 - 4232)	14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
BAKOSI ROAD (LOT 4226 - 4227)	16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20

SERVICE OFFSET TABLE

Location	Gas		ND - Water		Water		Electricity		Telecommunication		Sewer	
	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)
KHILLARI CIRCUIT (LOT 4201)	N	2.10	N	2.50	N	3.00	S	2.50	S	1.80	N	Ex1.0
KHILLARI CIRCUIT (LOT 4224)	N	2.10	N	2.50	N	2.95	S	1.10	S	0.45	N	Ex1.0
ALAMBADI CIRCUIT (LOT 4210 - 4220)	E	2.10	E	2.50	E	2.95	W	2.40	W	1.90	W	Ex1.0
ALAMBADI CIRCUIT (LOT 4221 - 4223)	N	2.10	N	2.50	N	2.95	S	1.00	S	0.45	N	Ex1.0
BAKOSI ROAD (LOT 4226 - 4227)	E	2.10	E	2.50	E	2.95	W	2.50	W	1.80	-	-
BAKOSI ROAD (LOT 4227 - 4232)	N	2.10	N	2.50	N	2.95	S	1.10	S	0.45	-	-

NOTE: LOTS 4221-4223 & 4228-4232 HOUSE DRAINS TO BE CONNECTED INTO THE EXISTING STORMWATER DRAINS

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

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A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					

BROWN PROPERTY GROUP

M MERIDIAN CENTRAL

SCALE 1:500 AT A1 SIZE

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 Date 02.12.2022
 Drawn M.F. JAURIGUE
 Checked M.FELICIANO
 Date 08.12.2022
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Project MERIDIAN CENTRAL ESTATE
 Details STAGE 42
 CITY OF CASEY

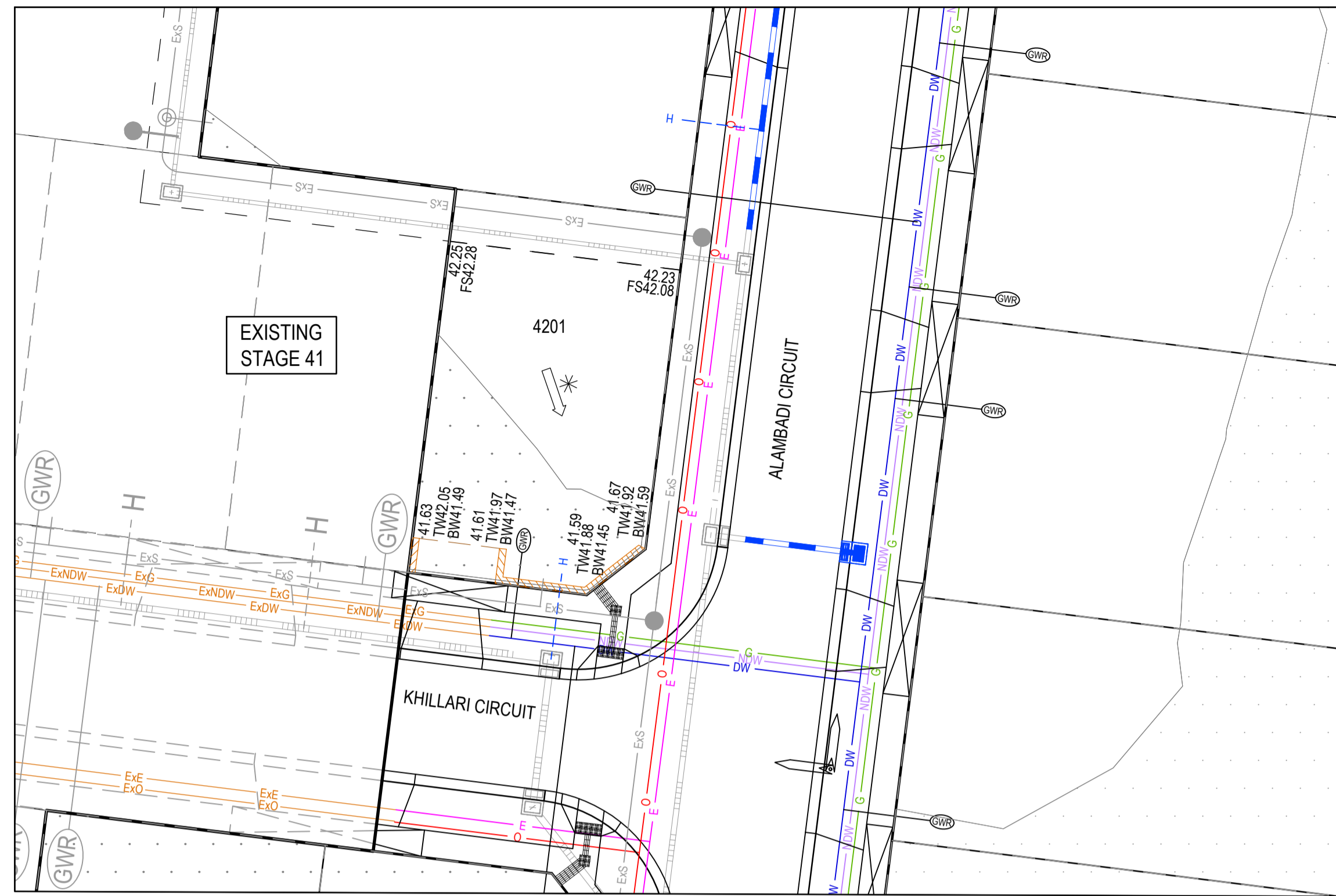
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 Stage No 42
 Drawing No 010
 Rev A

Sheet 04 of 19

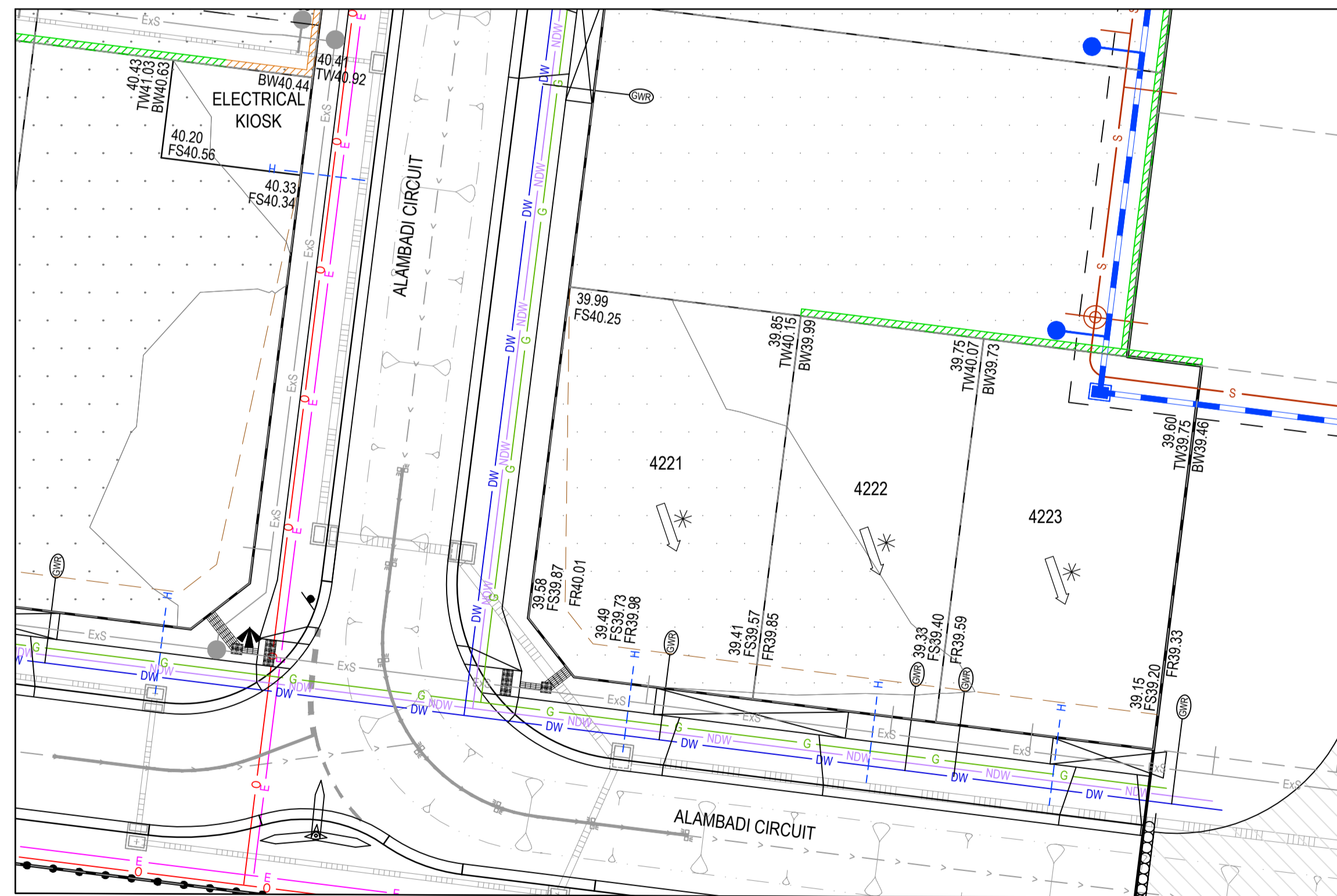
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Project Ref 1801767
 Stage No 42
 Drawing No 010
 Rev A

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INSERT FROM SHEET 010



INSERT FROM SHEET 010

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 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)

ROAD LAYOUT TABLE

Road Name	Road Classification	Reserve Width (m)	Road Width (m)			Kerb Type		Verge Width (m)	
			Lip to Lip	Inv to Inv	Back to Back	Nth/West	Sth/East	Nth/West	Sth/East
KHILLARI CIRCUIT		16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20
KHILLARI CIRCUIT		14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
ALAMBADI CIRCUIT		16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20
ALAMBADI CIRCUIT		14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
BAKOSI ROAD		14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
BAKOSI ROAD		16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20

SERVICE OFFSET TABLE

Location	Gas		ND - Water		Water		Electricity		Telecommunication		Sewer	
	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)
KHILLARI CIRCUIT (LOT 4201)	N	2.10	N	2.50	N	3.00	S	2.50	S	1.80	N	Ex1.0
KHILLARI CIRCUIT (LOT 4224)	N	2.10	N	2.50	N	2.95	S	1.00	S	0.45	N	-
ALAMBADI CIRCUIT (LOT 4210 - 4220)	E	2.10	E	2.50	E	2.95	W	2.40	W	1.90	W	Ex1.0
ALAMBADI CIRCUIT (LOT 4221 - 4223)	N	2.10	N	2.50	N	2.95	S	1.00	S	0.45	N	Ex1.0
BAKOSI ROAD (LOT 4226 - 4227)	E	2.10	E	2.50	E	2.95	W	2.50	W	1.80	-	-
BAKOSI ROAD (LOT 4227 - 4232)	N	2.10	N	2.50	N	2.95	S	1.00	S	0.45	-	-

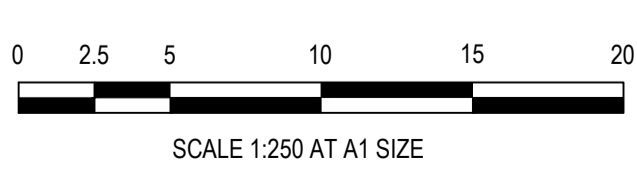
NOTE: STREET TREES ARE TO BE PLANTED IN THE CENTRE OF ALL NATURE STRIPS

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

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					



Designed C. DAWSON
 Date 02.12.2022
 Drawn M.F. JAURIGUE
 Checked M. FELICIANO
 Date 08.12.2022
 Approved M. FELICIANO
 Reg. No. PE0005645
 Date 08.12.2022
 PS Number PSS08382W

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

Project Details
 MERIDIAN CENTRAL ESTATE
 STAGE 42
 CITY OF CASEY
 Drawing Title
 LAYOUT PLAN
 (SHEET 2 OF 2)

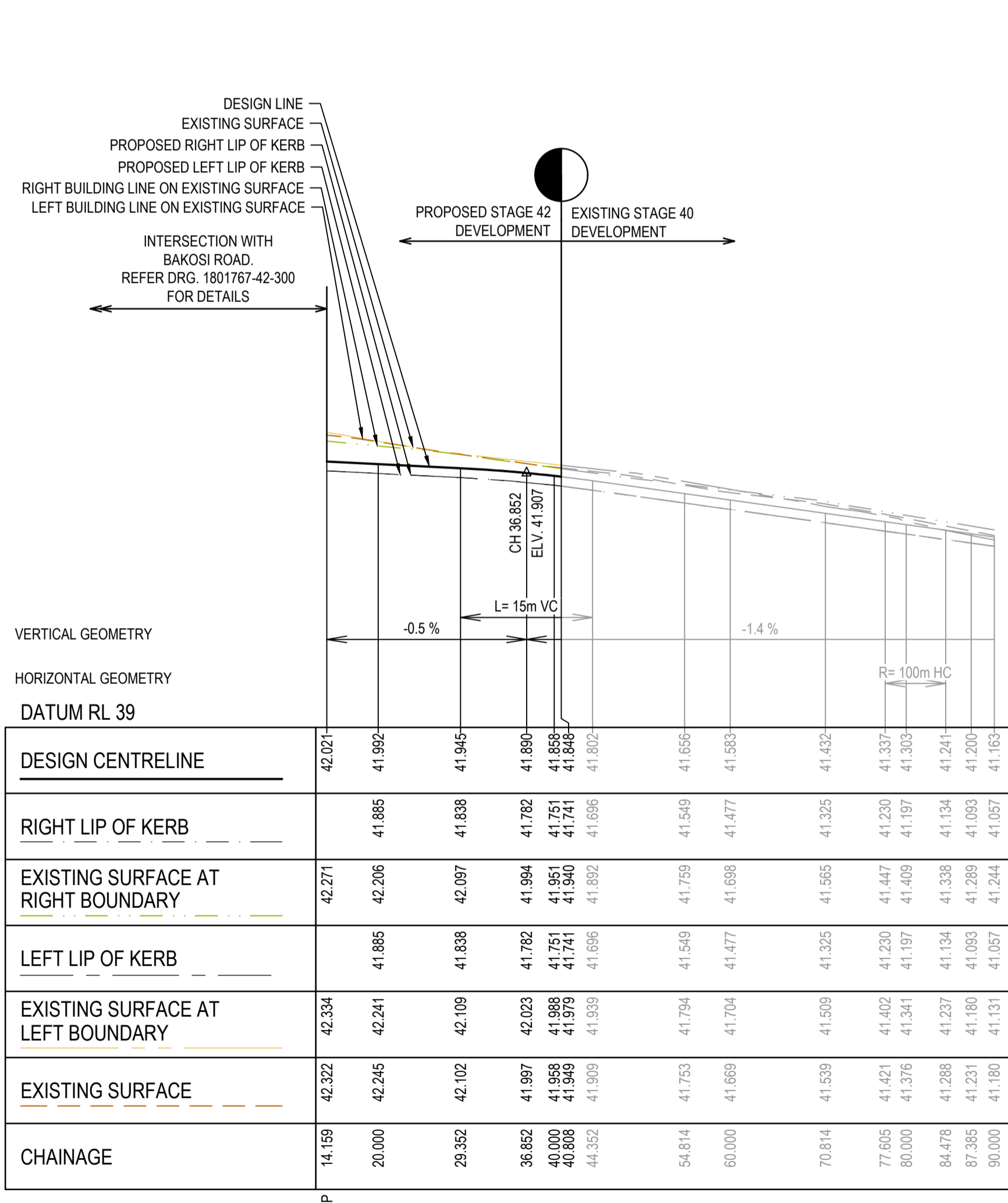
Sheet 05 of 19

Scale
 1:250 @ A1

Project Ref	Stage No	Drawing No	Rev
1801767	42	011	A

K:\Jobs Data\1801767 - Meridian_Eng\Stage 42\Drawings\1801767-42-010-LAY.dwg

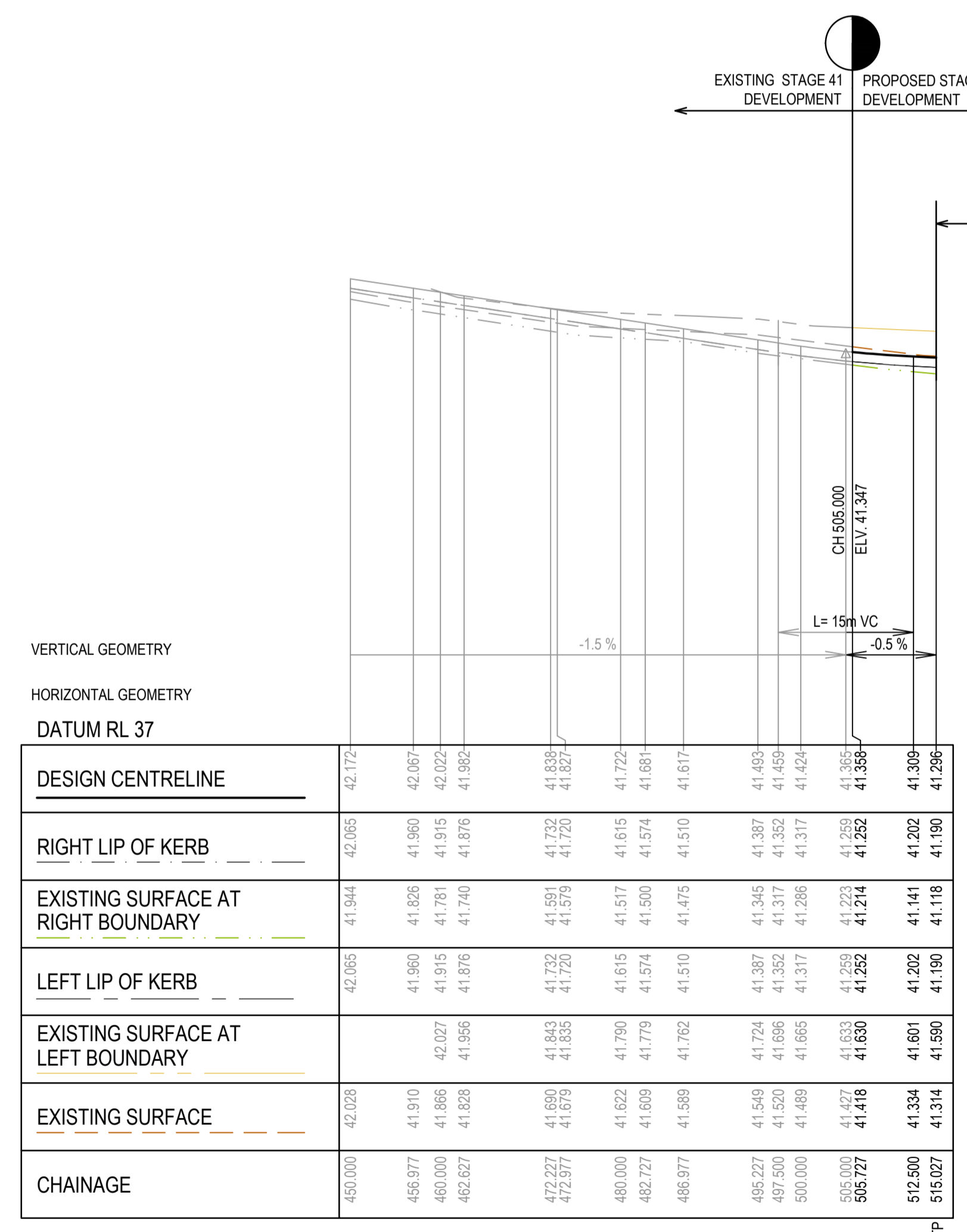
LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB



VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 39

DESIGN CENTRELINE	42.021	41.982	41.945	41.890	41.838	41.782	41.751	41.741	41.802	41.656	41.583	41.432	41.337	41.303	41.200	41.163
RIGHT LIP OF KERB	41.885	41.885	41.838	41.782	41.751	41.741	41.802	41.656	41.583	41.432	41.337	41.303	41.200	41.163		
EXISTING SURFACE AT RIGHT BOUNDARY	42.271	42.206	42.097	41.984	41.851	41.741	41.802	41.656	41.583	41.432	41.337	41.303	41.200	41.163		
LEFT LIP OF KERB	41.885	41.885	41.838	41.782	41.751	41.741	41.802	41.656	41.583	41.432	41.337	41.303	41.200	41.163		
EXISTING SURFACE AT LEFT BOUNDARY	42.334	42.241	42.109	42.023	41.888	41.741	41.802	41.656	41.583	41.432	41.337	41.303	41.200	41.163		
EXISTING SURFACE	42.322	42.245	42.102	41.997	41.868	41.749	41.809	41.666	41.593	41.442	41.347	41.313	41.210	41.173		
CHAINAGE	14.159	20.000	29.352	36.852	40.000	40.808	41.332	54.814	60.000	70.814	77.605	80.000	84.478	87.395	90.000	

KHILLARI CIRCUIT - LONGITUDINAL SECTION



VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 37

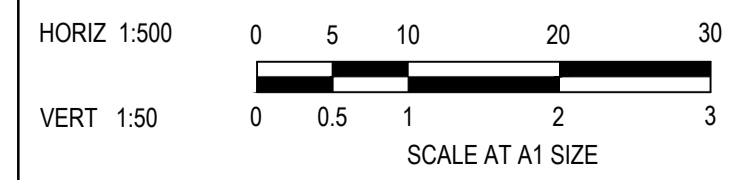
DESIGN CENTRELINE	42.172	42.067	42.022	41.982	41.838	41.722	41.681	41.617	41.483	41.459	41.424	41.365	41.309	41.286
RIGHT LIP OF KERB	42.065	41.960	41.915	41.876	41.732	41.720	41.681	41.617	41.483	41.459	41.424	41.365	41.309	41.286
EXISTING SURFACE AT RIGHT BOUNDARY	41.944	41.826	41.781	41.740	41.584	41.579	41.517	41.500	41.345	41.317	41.286	41.223	41.141	41.118
LEFT LIP OF KERB	42.065	41.960	41.915	41.876	41.732	41.720	41.681	41.617	41.483	41.459	41.424	41.365	41.309	41.286
EXISTING SURFACE AT LEFT BOUNDARY	42.028	41.910	41.866	41.828	41.669	41.633	41.569	41.550	41.395	41.367	41.336	41.273	41.191	41.168
EXISTING SURFACE	42.028	41.910	41.866	41.828	41.669	41.633	41.569	41.550	41.395	41.367	41.336	41.273	41.191	41.168
CHAINAGE	450.000	456.977	460.000	462.627	472.297	472.677	480.000	482.727	486.977	495.227	497.500	500.000	505.000	512.500

KHILLARI CIRCUIT - LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					



Designed: C. DAWSON
Date: 02.12.2022
Drawn: M.F. JAURIGUE
Checked: M. FELICIANO
Date: 08.12.2022
Approved: M. FELICIANO
Reg. No.: PE0005645
Date: 08.12.2022
PS Number: PSS00382W

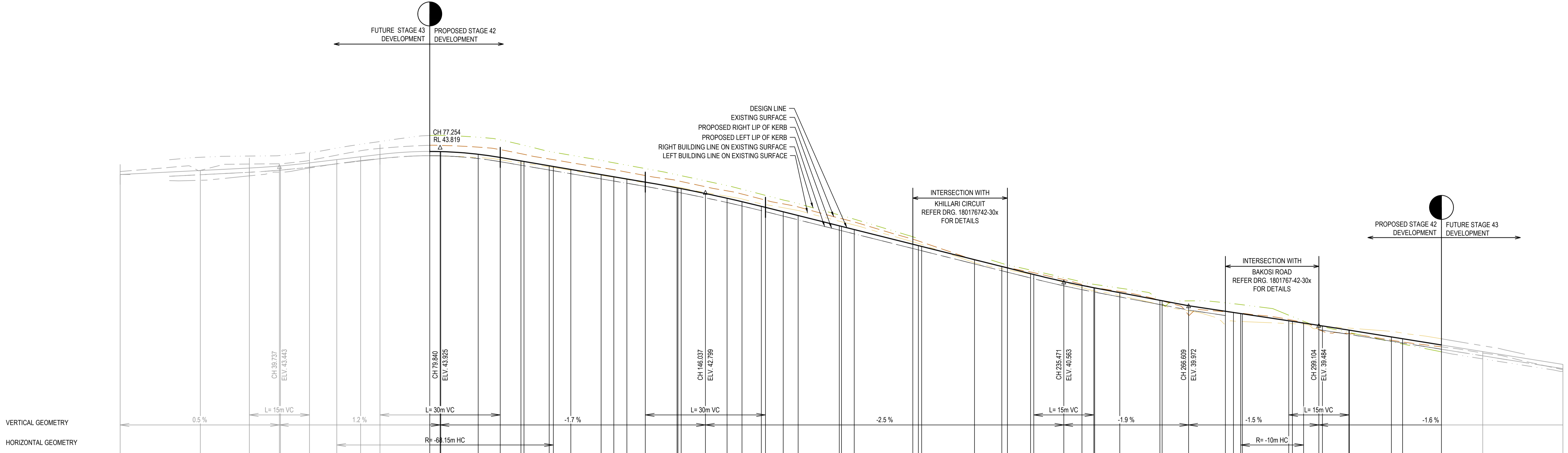
BW Beveridge Williams
Development & Infrastructure Consultants
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www.beveridgewilliams.com.au

Project Details
MERIDIAN CENTRAL ESTATE
STAGE 42
CITY OF CASEY

Drawing Title
ROAD LONGITUDINAL SECTIONS
KHILLARI CIRCUIT

Sheet	06 of 19
Scale	1:500 H 1:50 V @ A1
Project Ref	1801767
Stage No	42
Drawing No	100
Rev	A

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB

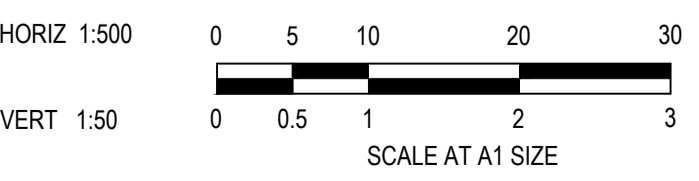


	0.000	20.000	32.237	39.737	40.000	47.237	54.059	60.000	64.840	77.257	79.840	80.000	89.343	94.840	100.000	100.774	107.050	108.101	112.446	120.000	123.176	126.446	131.037	138.946	139.176	140.000	146.037	151.446	155.176	160.000	161.037	165.446	169.176	178.446	180.000	183.176	189.736	190.000	200.000	213.176	220.000	221.336	222.000	227.971	235.471	240.000	243.971	243.176	249.446	259.446	260.000	266.609	275.796	277.796	280.000	291.604	292.501	295.304	299.104	300.000	306.604	306.704	317.204	320.000	329.704	340.000	350.000						
DESIGN CENTRELINE	43.244	43.345	43.406	43.456	43.459	43.533	43.615	43.686	43.745	43.819	43.816	43.815	43.748	43.670	43.582	43.569	43.462	43.444	43.370	43.242	43.188	43.132	43.054	42.914	42.807	42.891	42.769	42.652	42.566	42.450	42.424	42.314	42.221	41.964	41.857	41.764	41.591	41.399	41.339	41.343	41.014	40.950	40.916	40.843	40.809	40.711	40.684	40.684	40.575	40.479	40.444	40.417	40.298	40.108	40.097	39.972	39.834	39.804	39.777	39.771	39.597	39.583	39.541	39.482	39.466	39.364	39.363	39.195	39.150	38.995	38.800	38.510	
RIGHT LIP OF KERB		43.238	43.299	43.350	43.352	43.427	43.508	43.580	43.638	43.712	43.709	43.709	43.642	43.563	43.475	43.462	43.355	43.337	43.264	43.135	43.081	43.026	42.948	42.805	42.695	42.784	42.662	42.545	42.459	42.343	42.318	42.207	42.114	41.857	41.764	41.591	41.399	41.339	41.343	41.014	40.943	40.909	40.836	40.802	40.684	40.684	40.575	40.479	40.444	40.417	40.191	40.001	40.021	39.991	39.865	39.834	39.804	39.777	39.771	39.597	39.583	39.541	39.482	39.466	39.364	39.363	39.195	39.150	38.995	38.888	38.600	38.404	
EXISTING SURFACE AT RIGHT BOUNDARY		43.100	43.210	43.304	43.305	43.427	43.508	43.580	43.638	43.712	43.709	43.709	43.642	43.563	43.475	43.462	43.355	43.337	43.264	43.135	43.081	43.026	42.948	42.805	42.695	42.784	42.662	42.545	42.459	42.343	42.318	42.207	42.114	41.857	41.764	41.591	41.399	41.339	41.343	41.014	40.943	40.909	40.836	40.802	40.684	40.684	40.575	40.479	40.444	40.417	40.191	40.001	40.021	39.991	39.865	39.834	39.804	39.777	39.771	39.597	39.583	39.541	39.482	39.466	39.364	39.363	39.195	39.150	38.995	38.888	38.600	38.404	
LEFT LIP OF KERB		43.100	43.210	43.304	43.305	43.427	43.508	43.580	43.638	43.712	43.709	43.709	43.642	43.563	43.475	43.462	43.355	43.337	43.264	43.135	43.081	43.026	42.948	42.805	42.695	42.784	42.662	42.545	42.459	42.343	42.318	42.207	42.114	41.857	41.764	41.591	41.399	41.339	41.343	41.014	40.943	40.909	40.836	40.802	40.684	40.684	40.575	40.479	40.444	40.417	40.191	40.001	40.021	39.991	39.865	39.834	39.804	39.777	39.771	39.597	39.583	39.541	39.482	39.466	39.364	39.363	39.195	39.150	38.995	38.888	38.600	38.404	
EXISTING SURFACE AT LEFT BOUNDARY		43.219	43.346	43.421	43.504	43.505	43.606	43.689	43.747	43.811	43.709	43.709	43.668	43.612	43.533	43.523	43.426	43.405	43.345	43.225	43.176	43.119	43.041	42.894	42.785	42.870	42.754	42.634	42.548	42.432	42.407	42.296	42.203	41.946	41.853	41.680	41.488	41.336	41.336	41.045	40.974	40.940	40.867	40.833	40.715	40.715	40.606	40.510	40.475	40.440	40.413	40.191	40.001	40.021	39.991	39.865	39.834	39.804	39.777	39.771	39.597	39.583	39.541	39.482	39.466	39.364	39.363	39.195	39.150	38.995	38.888	38.600	38.404
EXISTING SURFACE		43.319	43.446	43.521	43.604	43.605	43.706	43.789	43.847	43.911	43.809	43.809	43.768	43.712	43.633	43.623	43.526	43.505	43.445	43.325	43.276	43.219	43.141	42.994	42.885	42.970	42.854	42.734	42.648	42.532	42.446	42.330	42.237	41.980	41.887	41.714	41.522	41.370	41.370	41.079	41.008	40.974	40.901	40.867	40.749	40.749	40.640	40.544	40.509	40.482	40.260	40.070	40.090	39.960	39.834	39.804	39.777	39.771	39.597	39.583	39.541	39.482	39.466	39.364	39.363	39.195	39.150	38.995	38.888	38.600	38.404		
CHAINAGE	0.000	20.000	32.237	39.737	40.000	47.237	54.059	60.000	64.840	77.257	79.840	80.000	89.343	94.840	100.000	100.774	107.050	108.101	112.446	120.000	123.176	126.446	131.037	138.946	139.176	140.000	146.037	151.446	155.176	160.000	161.037	165.446	169.176	178.446	180.000	183.176	189.736	190.000	200.000	213.176	220.000	221.336	222.000	227.971	235.471	240.000	243.971	243.176	249.446	259.446	260.000	266.609	275.796	277.796	280.000	291.604	292.501	295.304	299.104	300.000	306.604	306.704	317.204	320.000	329.704	340.000	350.000						

ALAMBADI STREET- LONGITUDINAL SECTION

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REV	DESCRIPTION
A	ISSUED FOR CONSTRUCTION
DATE	06.02.23
DRN	MF
APP	MF
REV	DESCRIPTION
DATE	
DRN	
APP	



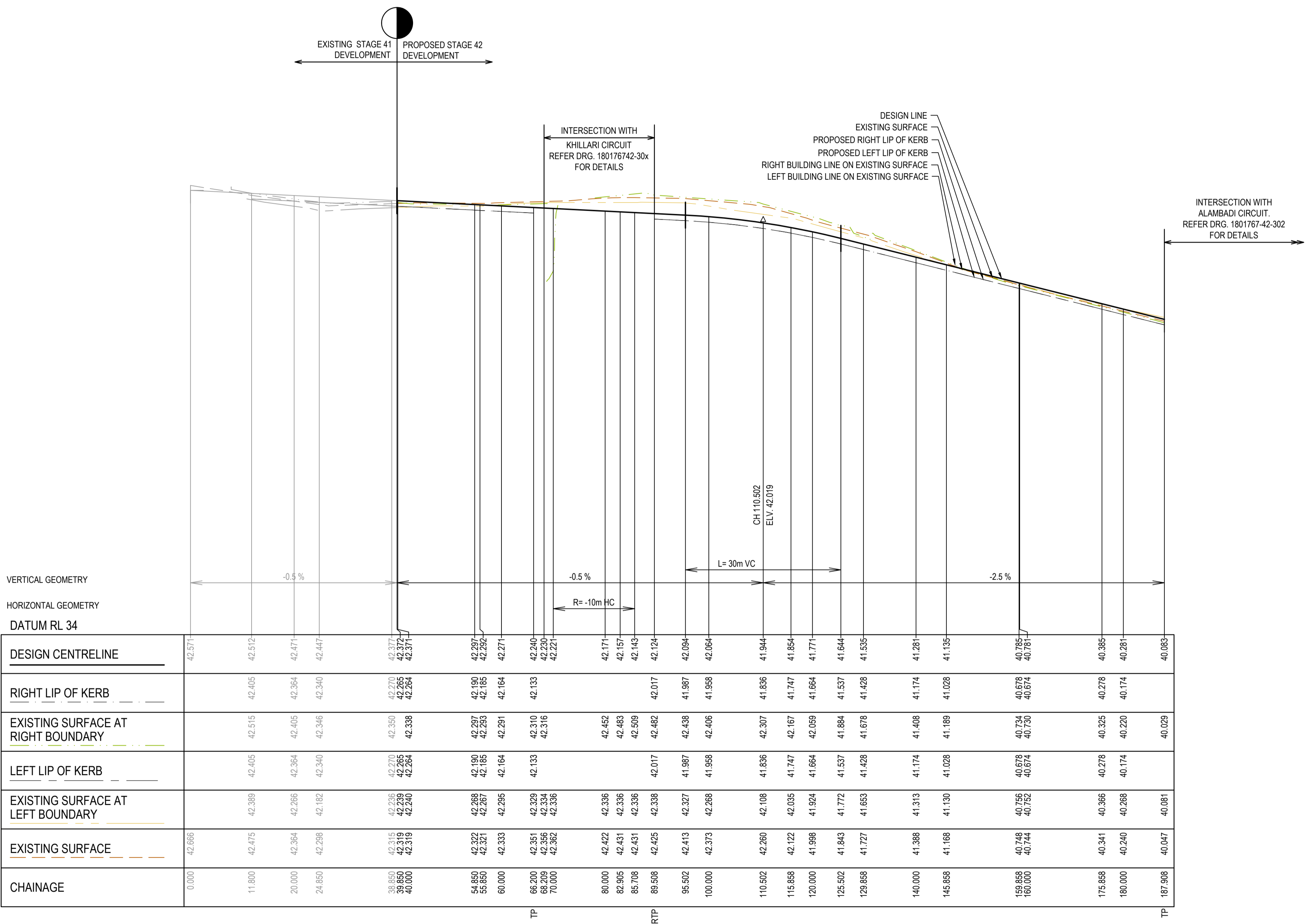
Designed Date: C. DAWSON 02.12.2022
 Drawn Date: M.F. JAURIGUE 08.12.2022
 Checked Date: M.FELICIANO 08.12.2022
 Approved Reg. No.: M.FELICIANO PE0005645
 Date: 08.12.2022
 PS Number: P5908382W

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

Project Details	MERIDIAN CENTRAL ESTATE STAGE 42 CITY OF CASEY
Drawing Title	ROAD LONGITUDINAL SECTIONS A;LAMBADI STREET
Project Ref	1801767
Stage No	42
Drawing No	101
Rev	A

Sheet	07 of 19
Scale	1:500 H 1:50 V @ A1
Project Ref	1801767
Stage No	42
Drawing No	101
Rev	A

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB



VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 34

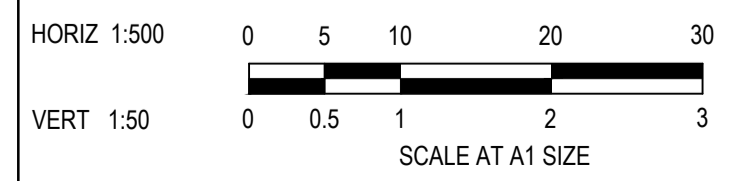
DESIGN CENTRELINE	42.571	42.512	42.405	42.471	42.447	42.377	42.372	42.371	42.297	42.292	42.271	42.240	42.230	42.221	42.171	42.157	42.143	42.124	42.094	42.064	41.944	41.836	41.747	41.854	41.771	41.644	41.535	41.281	41.135	40.785	40.781	40.385	40.281	40.083	
RIGHT LIP OF KERB			42.405	42.364	42.340	42.270	42.265	42.264	42.190	42.185	42.164	42.133	42.310	42.316	42.452	42.463	42.509	42.462	41.987	42.438	42.406	41.836	42.307	42.167	41.747	41.664	41.537	41.428	41.174	41.028	40.678	40.674	40.278	40.174	40.029
EXISTING SURFACE AT RIGHT BOUNDARY		42.515	42.405	42.364	42.340	42.350	42.338	42.338	42.297	42.293	42.291	42.310	42.316	42.316	42.452	42.463	42.509	42.462	41.987	42.438	42.406	41.836	42.307	42.167	41.747	41.664	41.537	41.428	41.174	41.028	40.678	40.674	40.278	40.220	40.029
LEFT LIP OF KERB		42.405	42.364	42.340	42.270	42.265	42.264	42.190	42.185	42.164	42.133	42.310	42.316	42.316	42.452	42.463	42.509	42.462	41.987	42.438	42.406	41.836	42.307	42.167	41.747	41.664	41.537	41.428	41.174	41.028	40.678	40.674	40.278	40.174	40.029
EXISTING SURFACE AT LEFT BOUNDARY		42.389	42.286	42.182	42.236	42.239	42.240	42.268	42.267	42.295	42.329	42.334	42.336	42.336	42.422	42.431	42.431	42.425	42.327	42.327	42.268	42.108	42.035	42.035	41.924	41.772	41.653	41.130	40.756	40.752	40.366	40.268	40.081		
EXISTING SURFACE	42.666	42.475	42.364	42.289	42.315	42.319	42.319	42.322	42.321	42.333	42.351	42.356	42.362	42.362	42.422	42.431	42.431	42.425	42.413	42.373	42.268	42.108	42.035	42.035	41.924	41.772	41.653	41.168	40.748	40.744	40.341	40.240	40.047		
CHAINAGE	0.000	11.800	20.000	24.850	38.850	38.850	40.000	54.850	58.850	60.000	66.200	68.209	70.000	80.000	82.905	85.708	89.508	95.502	100.000	110.502	115.858	120.000	125.502	129.858	140.000	145.858	158.858	168.000	175.858	180.000	187.908				

BAKOSI ROAD - LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN	APP.	REV	DESCRIPTION	DATE	DRN	APP.
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					



Designed C. DAWSON
Date 02.12.2022
Drawn M.F. JAURIGUE
Checked M.FELICIANO
Date 08.12.2022
Approved M.FELICIANO
Reg. No. PE0005645
Date 08.12.2022
PS Number PSS08382W

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

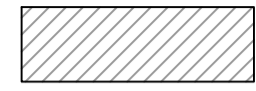
Project Details	MERIDIAN CENTRAL ESTATE STAGE 42 CITY OF CASEY
Drawing Title	ROAD LONGITUDINAL SECTIONS BAKOSI ROAD

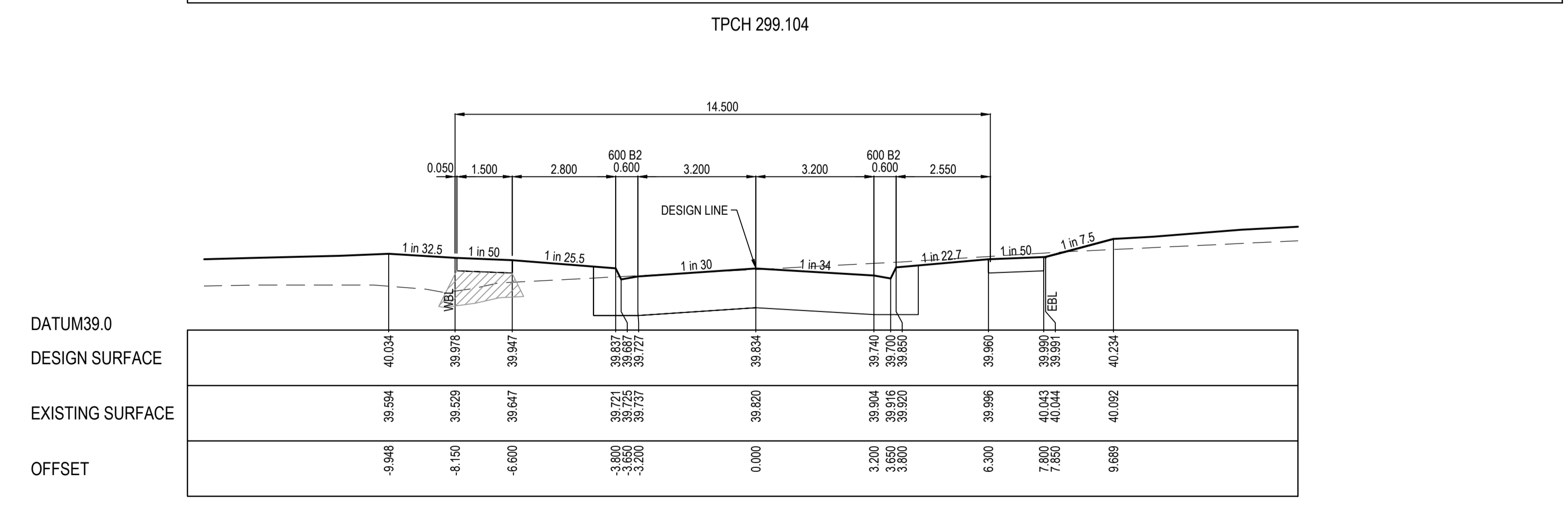
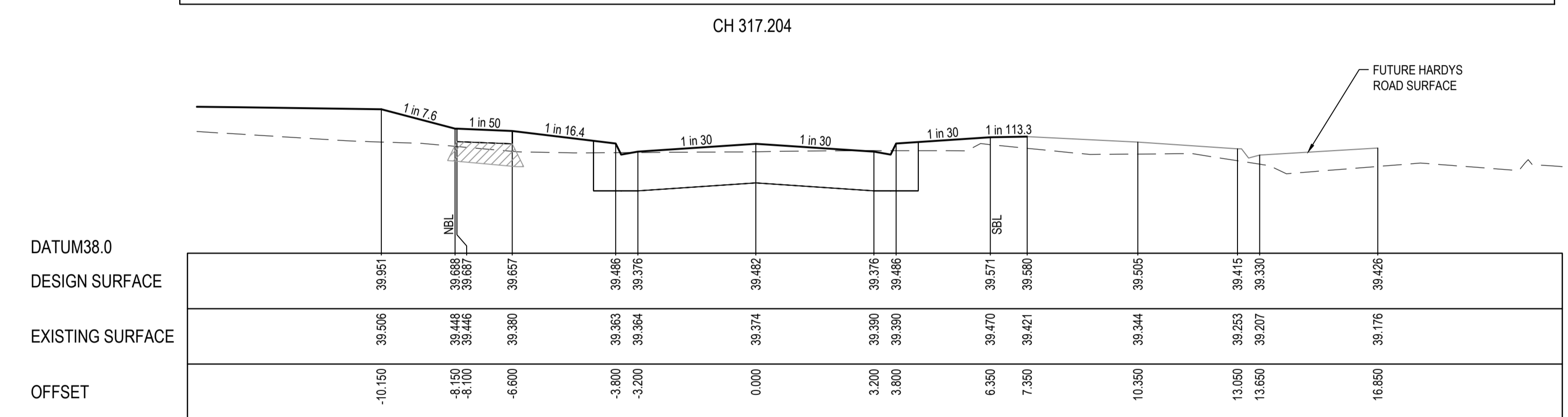
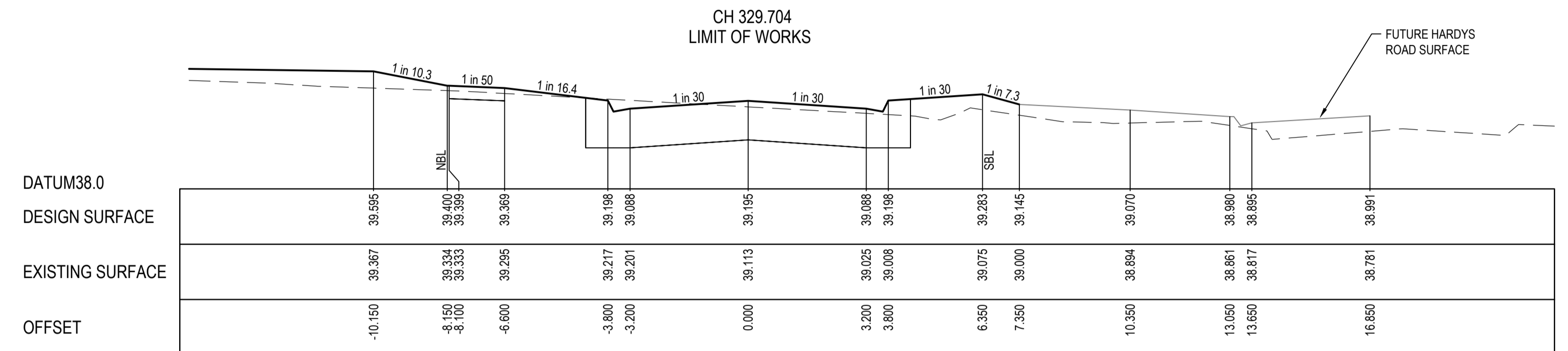
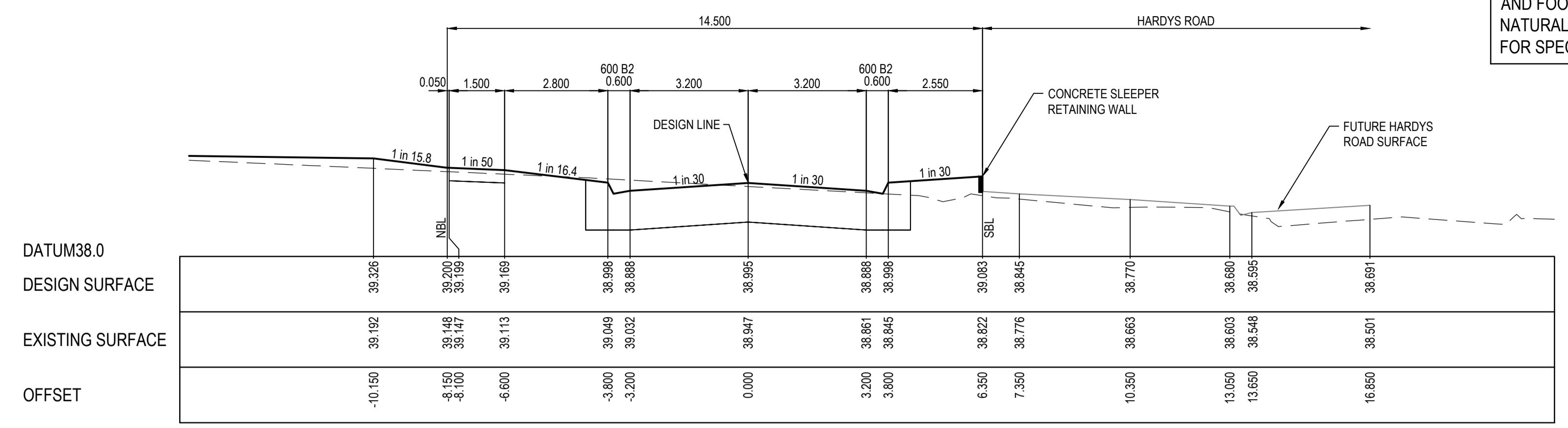
Sheet	08 of 19
Scale	1:500 H 1:50 V @ A1
Project Ref	1801767
Stage No	42
Drawing No	102
Rev	A

K:\Jobs Data\1801767 - Meridian_Eng\Stage 42\Drawings\1801767-42-100-RLS.dwg

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

LEGEND

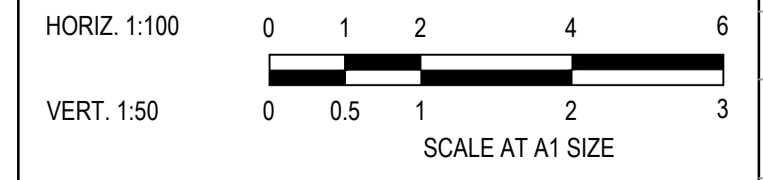
- EXISTING SURFACE
- DESIGN SURFACE
-  STRUCTURAL FILL



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REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					

DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP



Designed: C. DAWSON
Date: 02.12.2022
Drawn: M.F. JAURIGUE
Checked: M. FELICIANO
Date: 08.12.2022
Approved: M. FELICIANO
Reg. No: PE0005645
Date: 08.12.2022
PS Number: PSS00382W

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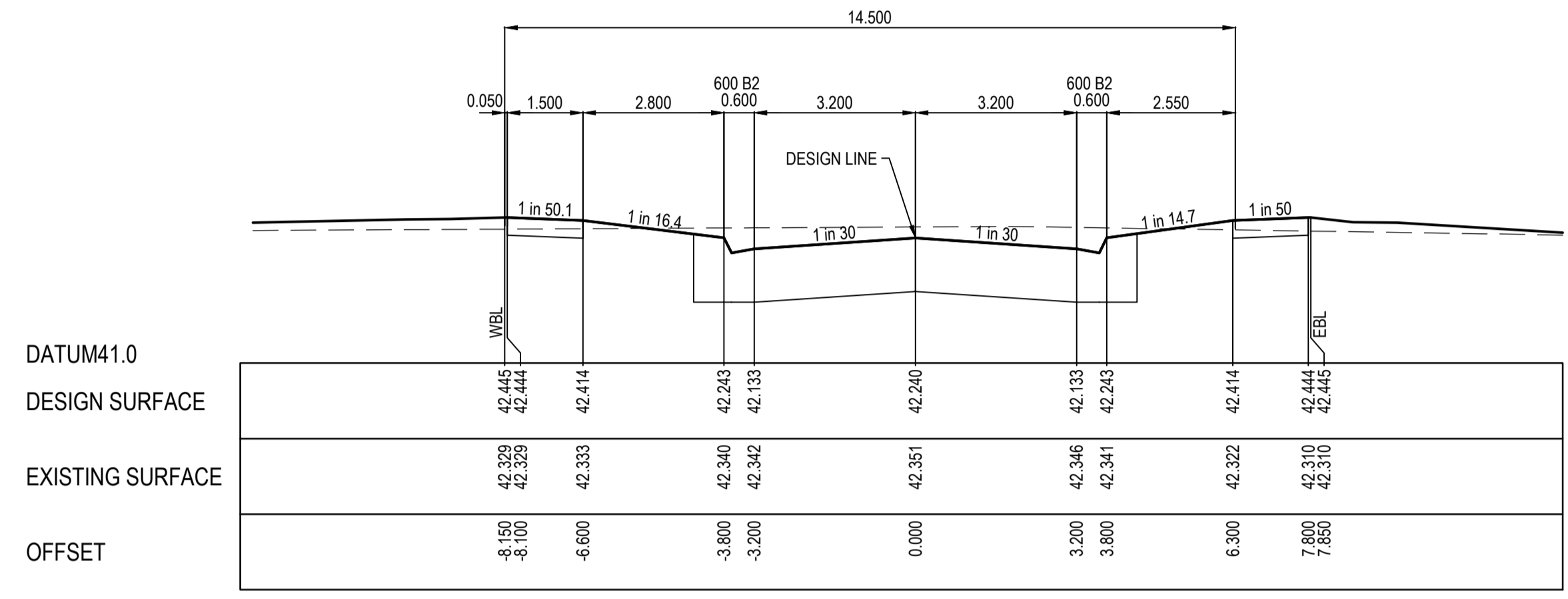
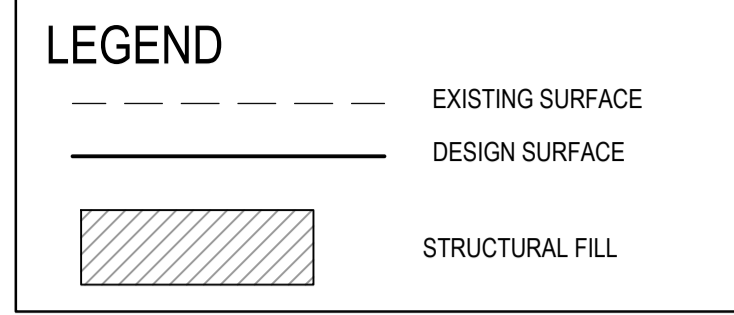
Project Details
MERIDIAN CENTRAL ESTATE
STAGE 42
CITY OF CASEY

Drawing Title
ROAD CROSS SECTIONS
ALAMBADI STREET
(SHEET 2 OF 2)

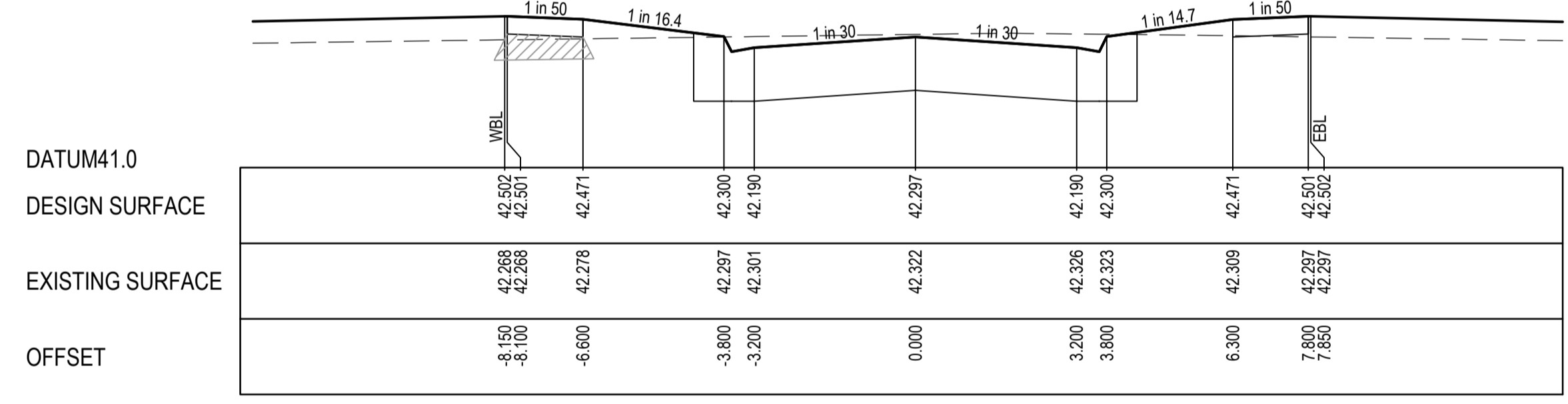
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Project Ref	1801767
Stage No	42
Drawing No	202
Rev	A

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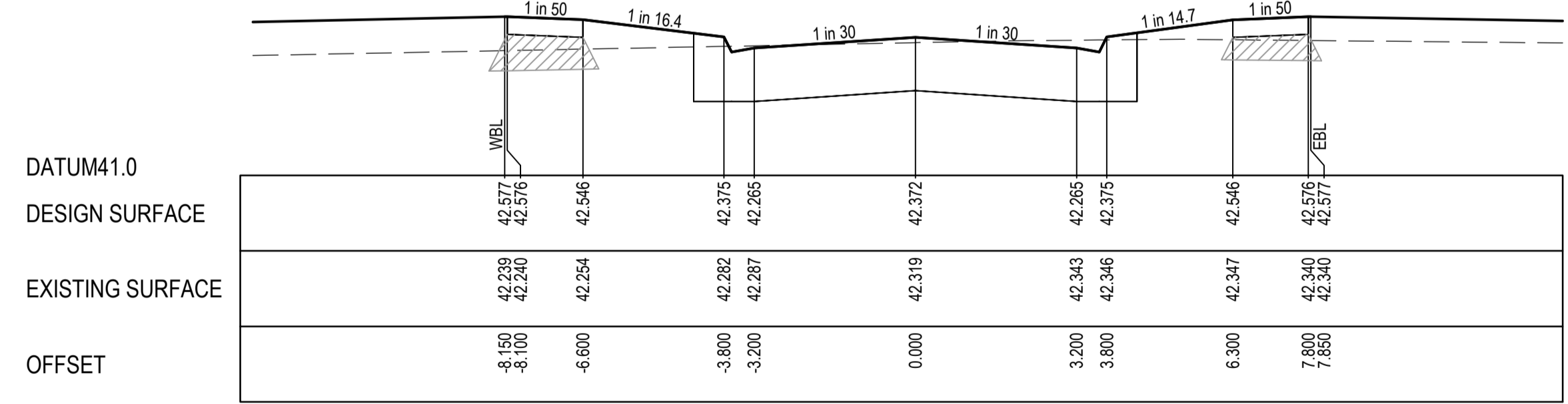
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



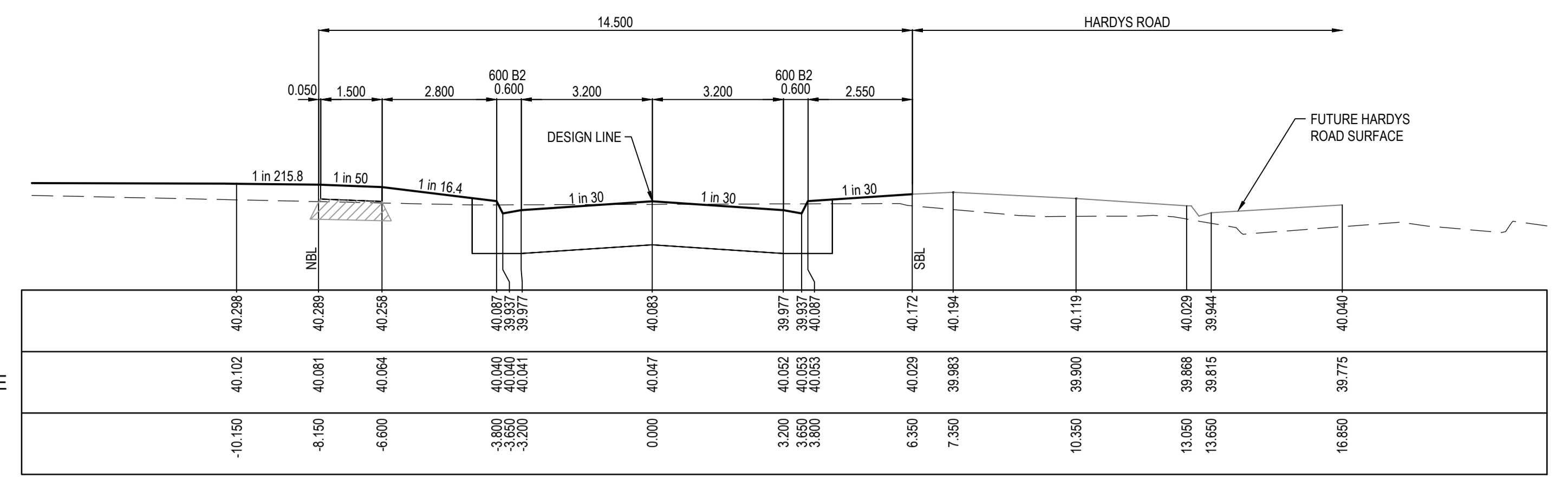
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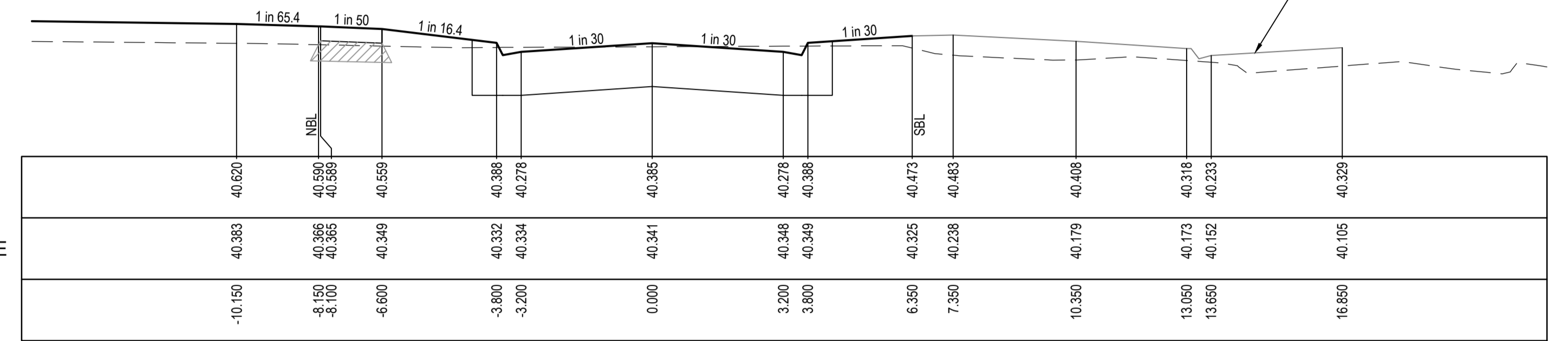
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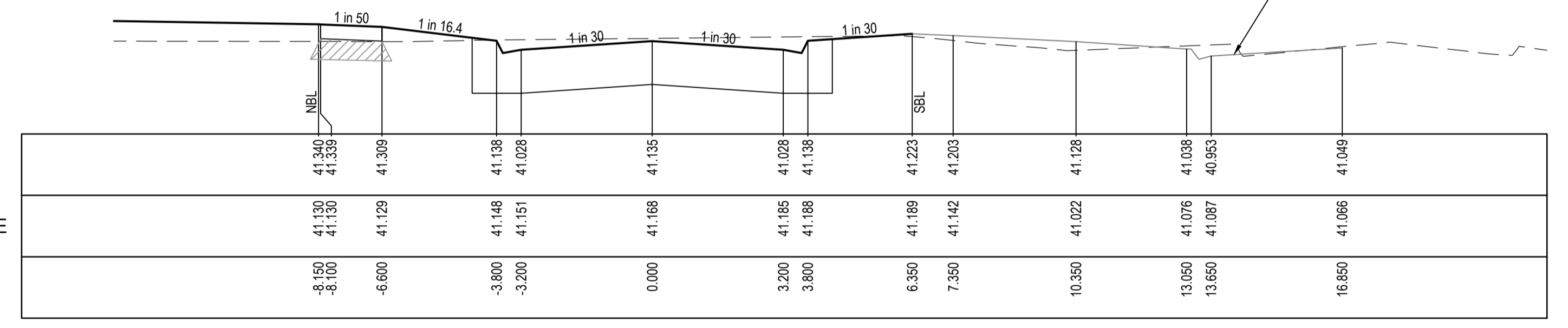
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LIMIT OF WORKS



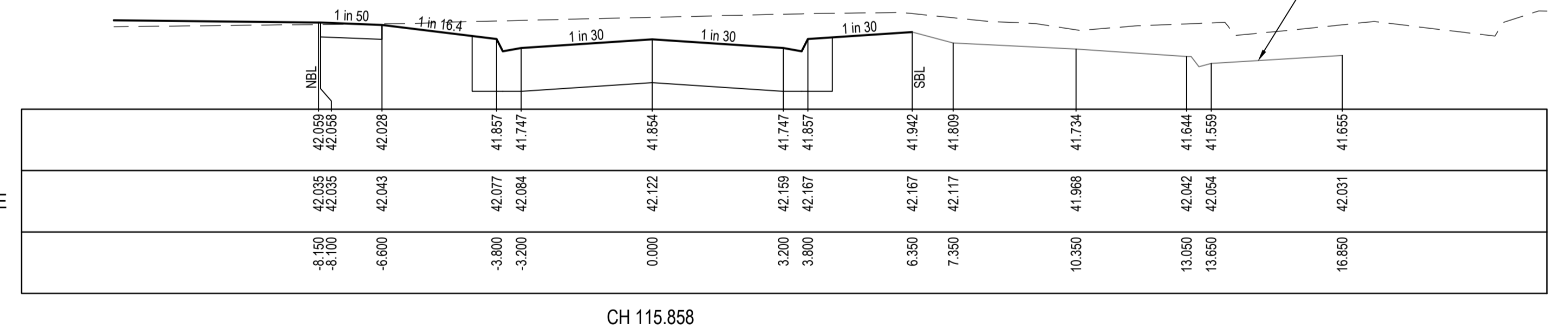
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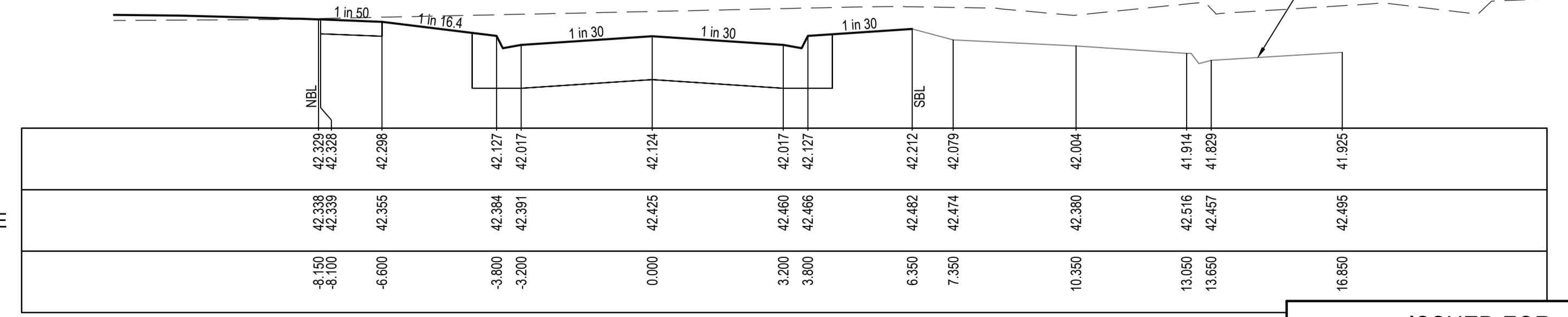
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CH 145.858



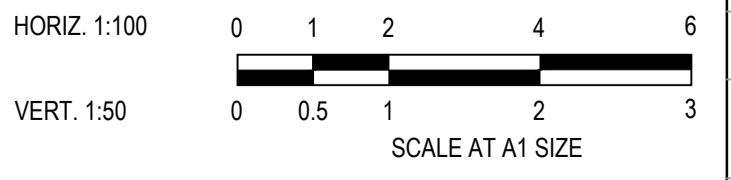
CH 115.858



TPCH 89.508

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A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					



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PS Number: PSS00382W

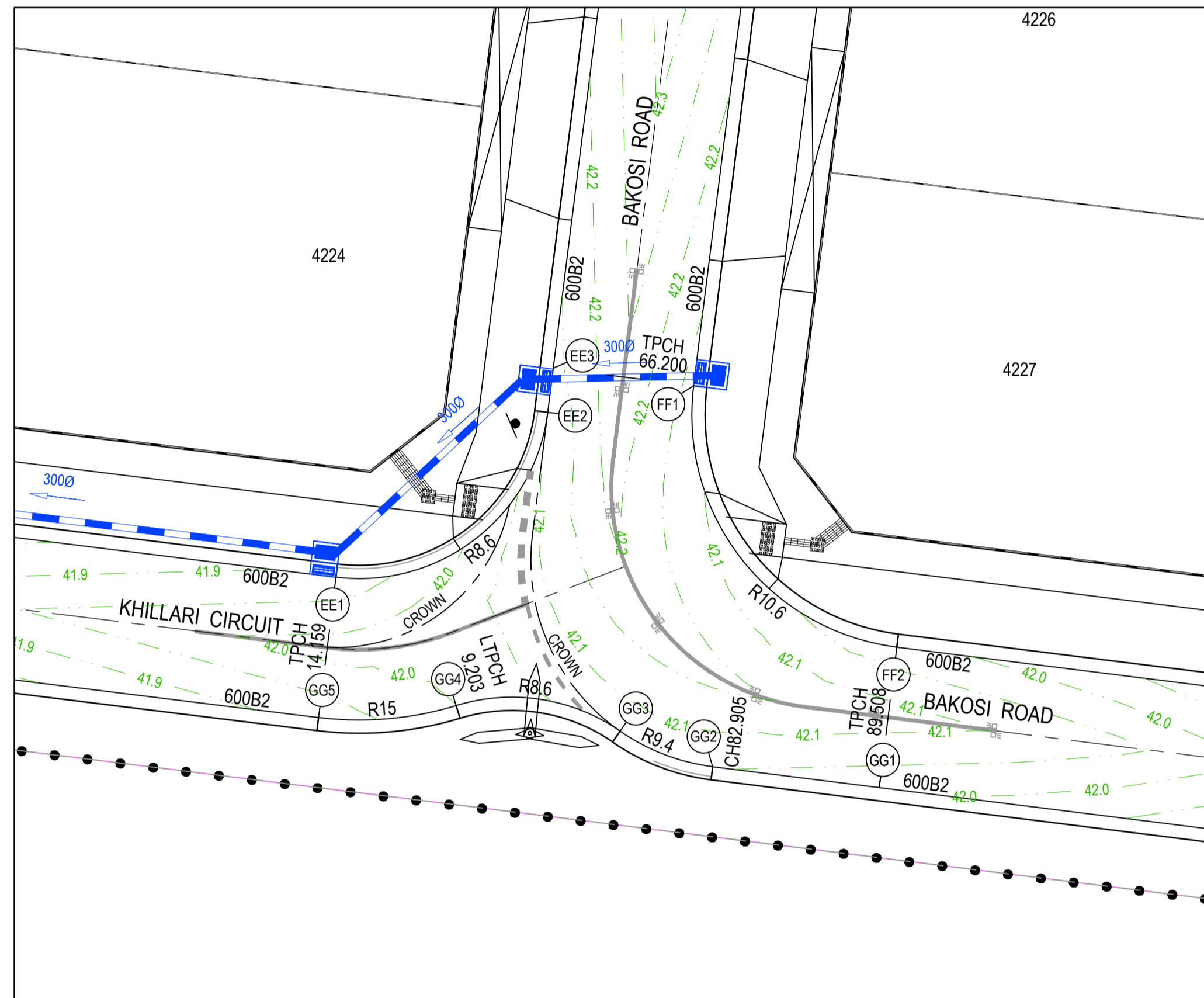
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Project Details: MERIDIAN CENTRAL ESTATE
STAGE 42
CITY OF CASEY

Drawing Title: ROAD CROSS SECTIONS
BAKOSI ROAD

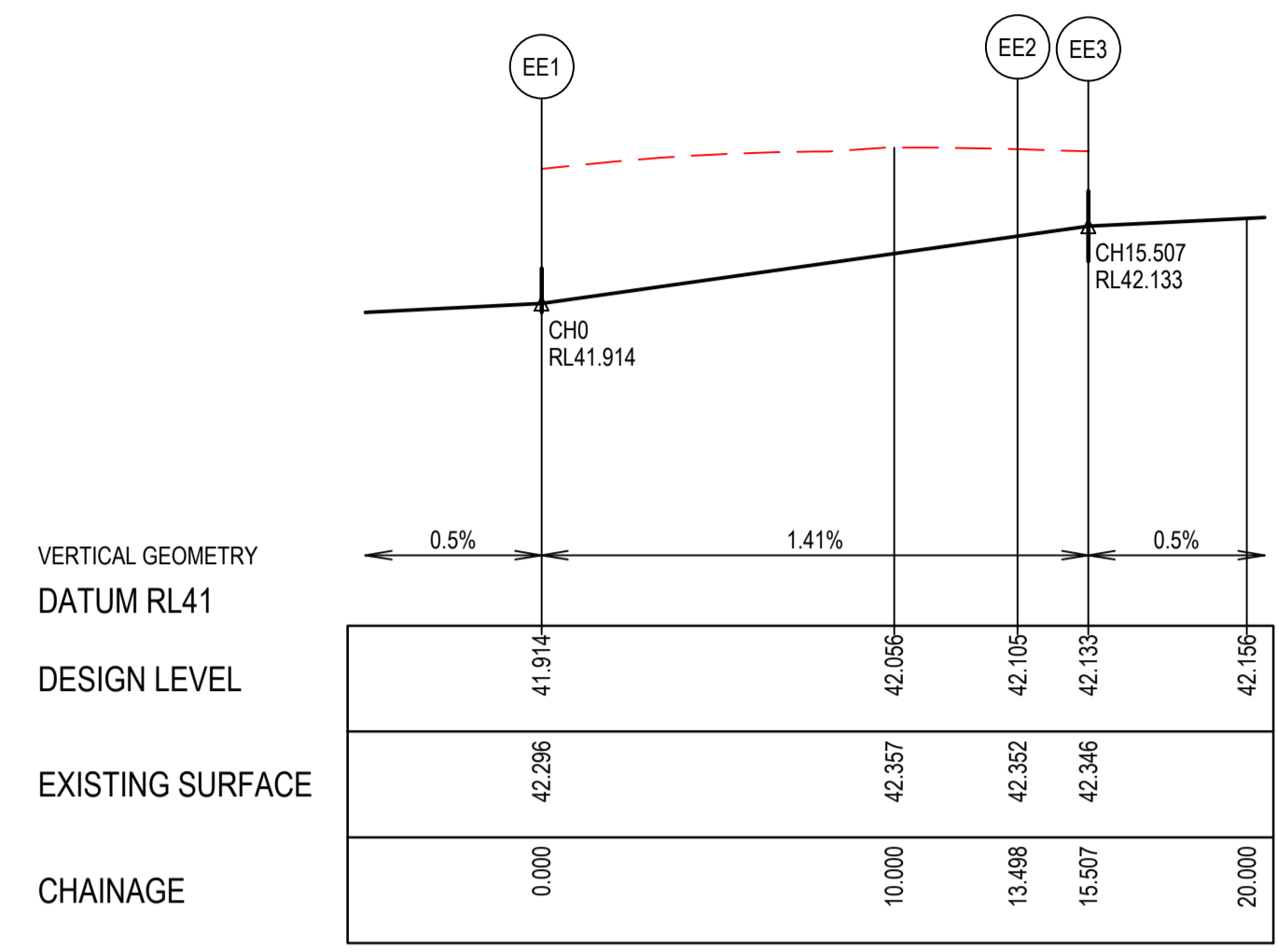
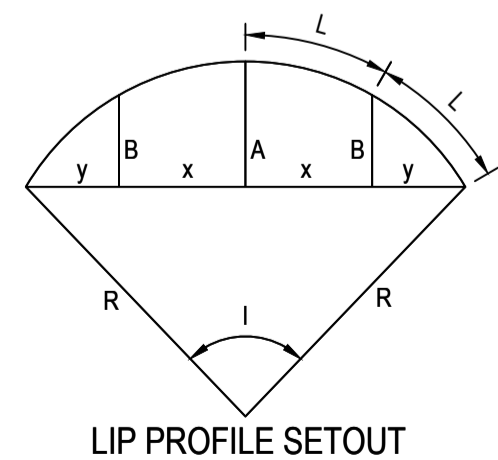
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Scale	1:100 H 1:50 V @ A1
Project Ref	1801767
Stage No	42
Drawing No	203
Rev	A

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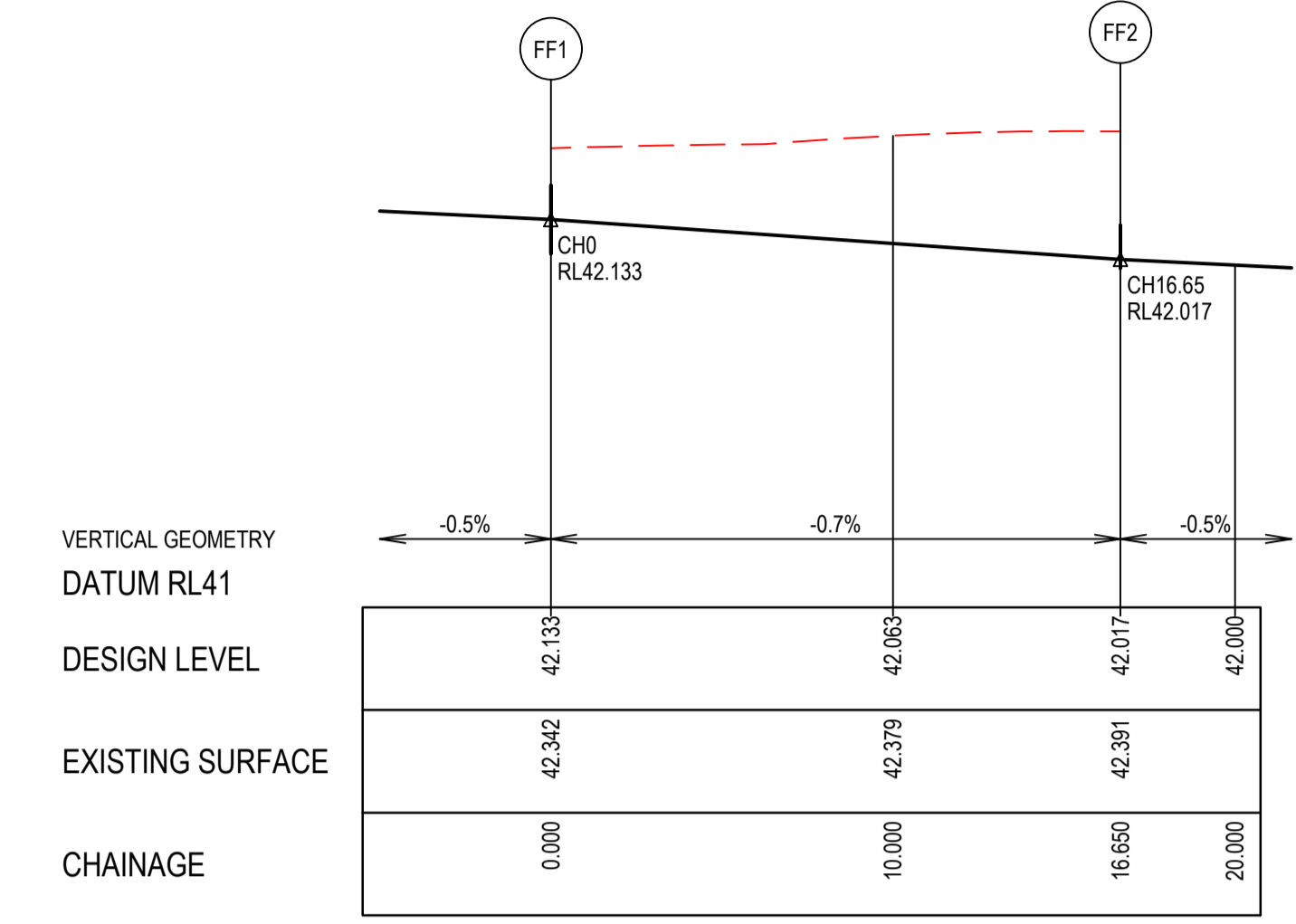
- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN,
- "NO ROAD" SIGN & BARRIER
- LIMIT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



ALIGNMENT EE

Point no	Easting	Northing	RL
EE1	2465.650	197.814	41.914
EE2	2475.241	205.281	42.105
EE3	2475.490	207.275	42.133

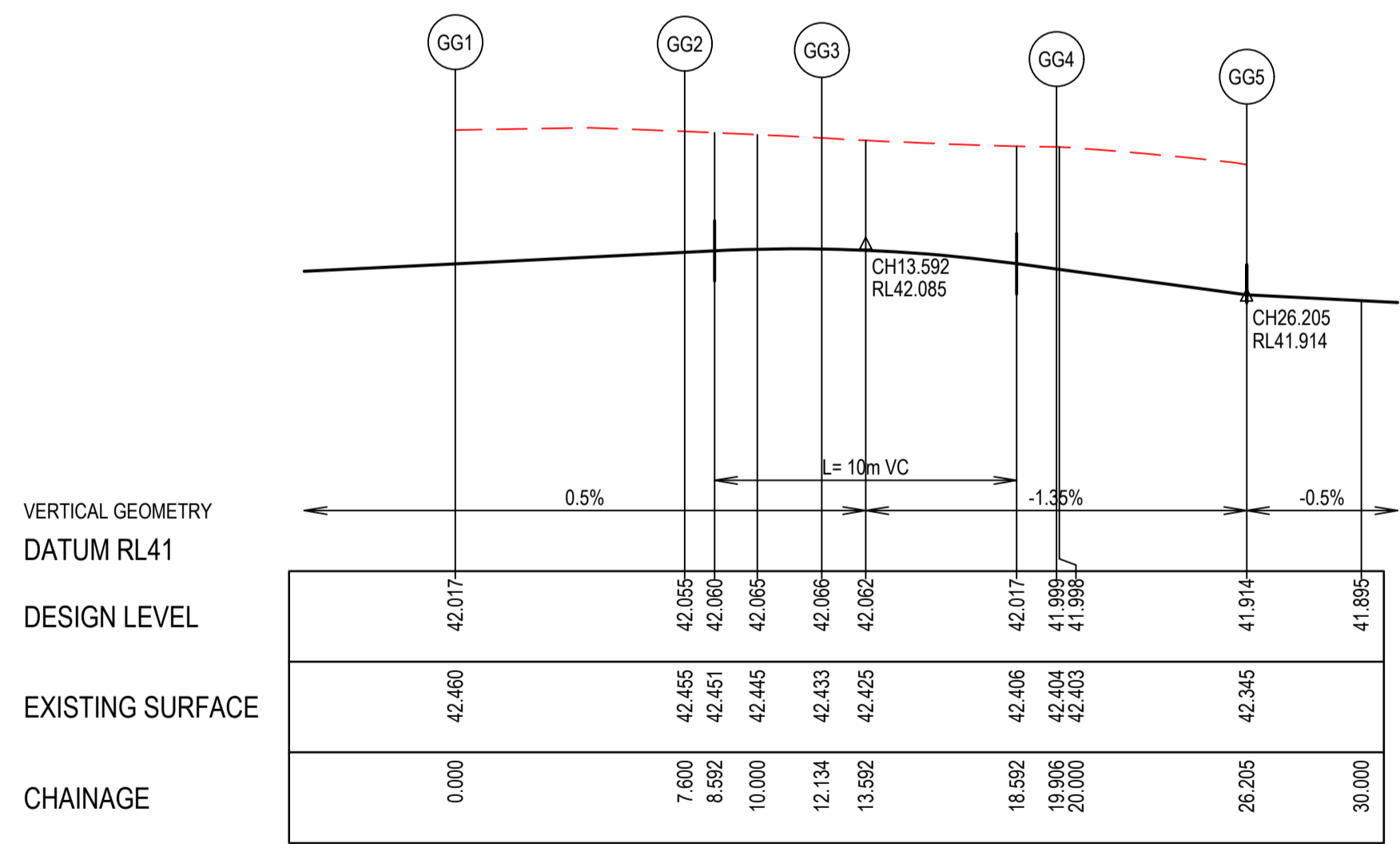
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
EE1 - EE2	89.927	8.600	13.498	2.515	1.861	3.289	2.789	3.374	42.010



ALIGNMENT FF

Point no	Easting	Northing	RL
FF1	2481.841	206.480	42.133
FF2	2491.043	194.646	42.017

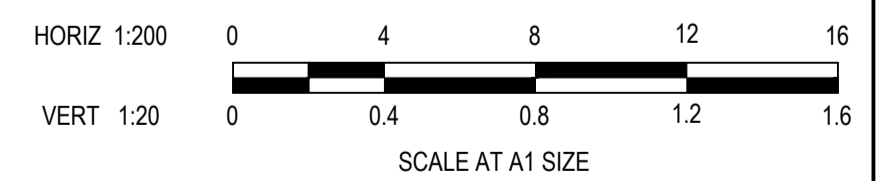
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
FF1 - FF2	90.000	10.600	16.650	3.105	2.298	4.056	3.439	4.163	42.075



ALIGNMENT GG

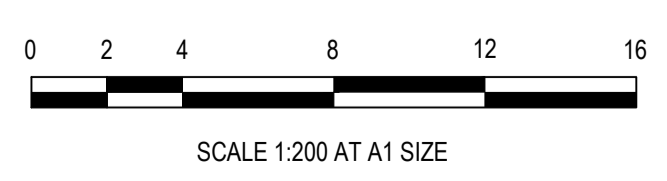
Point no	Easting	Northing	RL
GG1	2490.248	188.296	42.017
GG2	2482.707	189.239	42.055
GG3	2478.513	190.845	42.066
GG4	2471.094	192.004	41.999
GG5	2464.864	191.462	41.914

Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
GG2 - GG3	27.639	9.400	4.534	0.272	0.204	1.131	1.114	1.134	42.065
GG3 - GG4	51.774	8.800	7.771	0.863	0.644	1.926	1.828	1.943	42.046
GG4 - GG5	24.062	15.000	6.300	0.329	0.247	1.572	1.555	1.575	41.957



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REV	DESCRIPTION	DATE	DRN	APP	REV	DESCRIPTION	DATE	DRN	APP
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					



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Date: 08.12.2022
Approved: M. FELICIANO
Reg. No. PE0005645
Date: 08.12.2022
PS Number: PS908382W

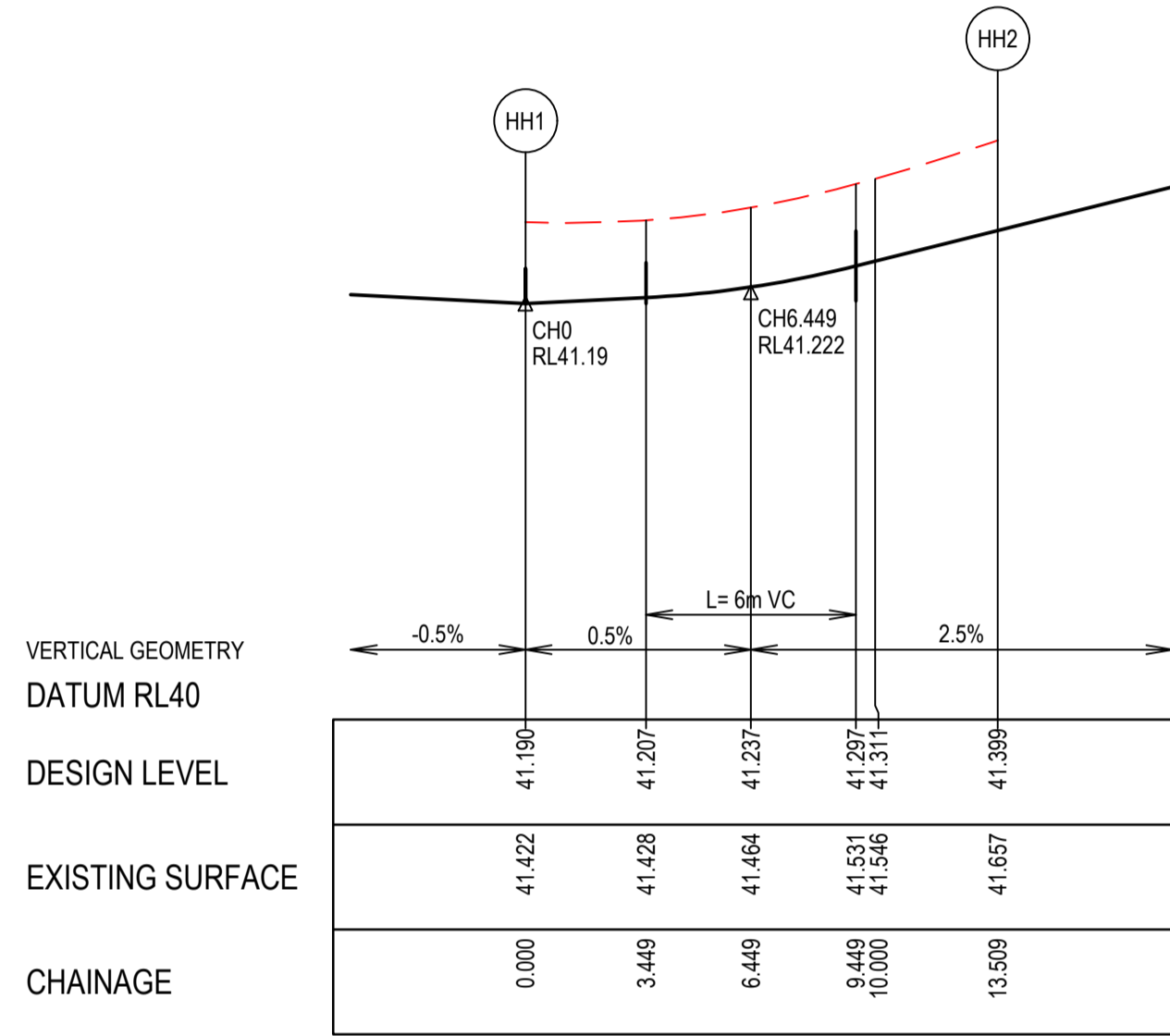
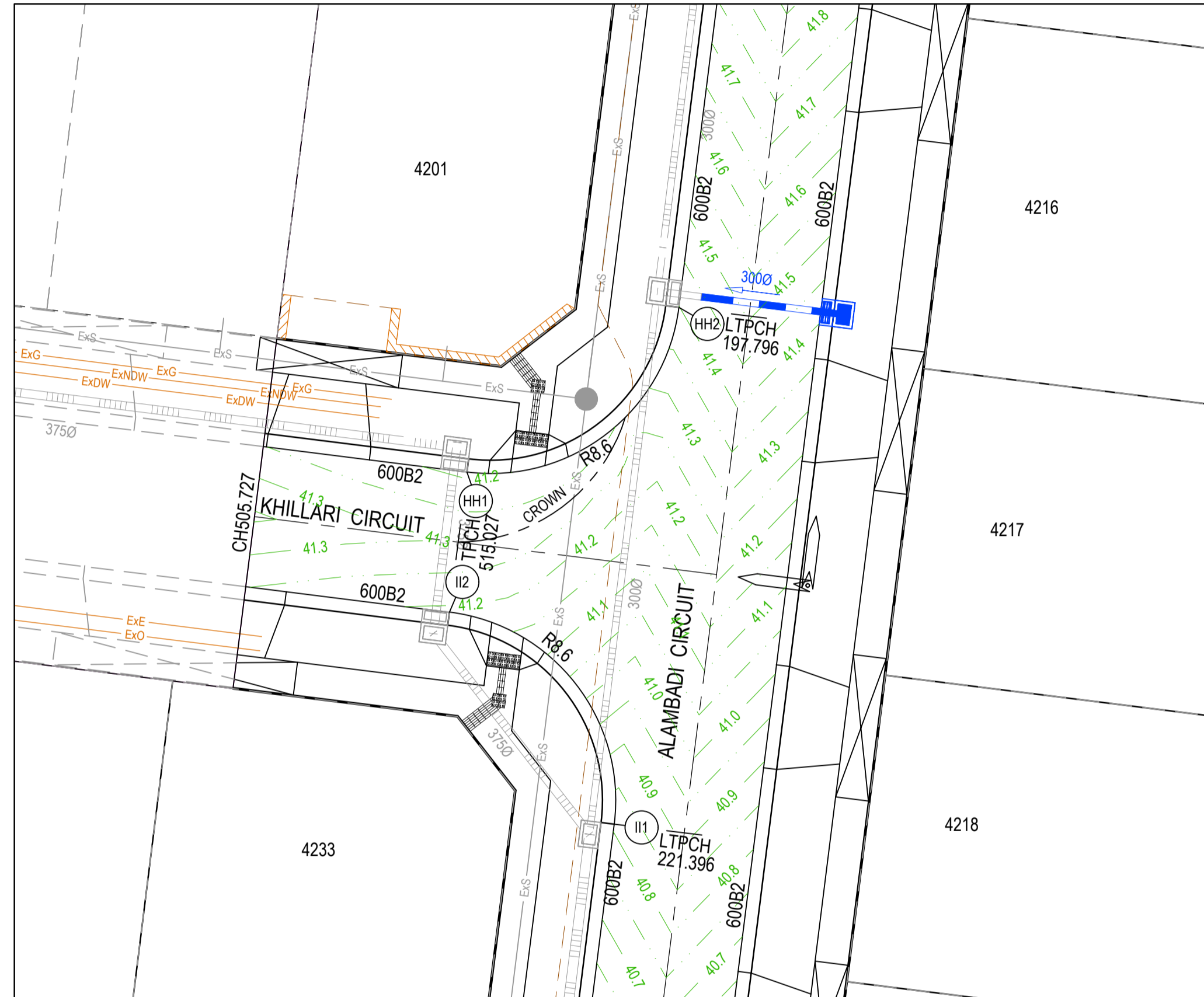
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Project Details
MERIDIAN CENTRAL ESTATE
STAGE 42
CITY OF CASEY

Drawing Title
INTERSECTION DETAILS
(SHEET 1 OF 3)

Sheet 13 of 19
Scale 1:200 @ A1
Project Ref 1801767 Stage No 42 Drawing No 300 Rev A

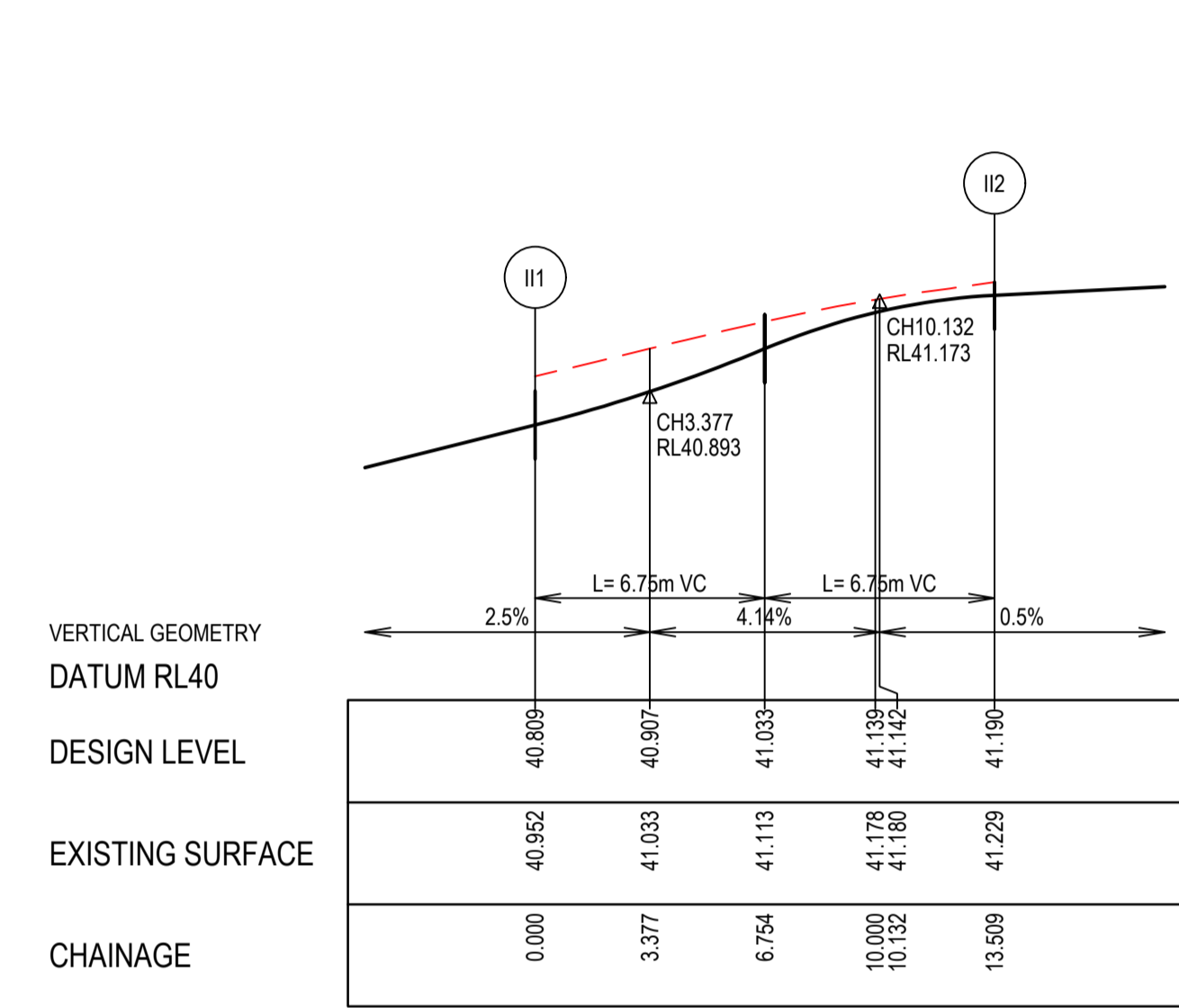
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ALIGNMENT HH

Point no	Easting	Northing	RL
HH1	2598.613	261.811	41.190
HH2	2608.214	269.277	41.399

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
HH1 - HH2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	41.242



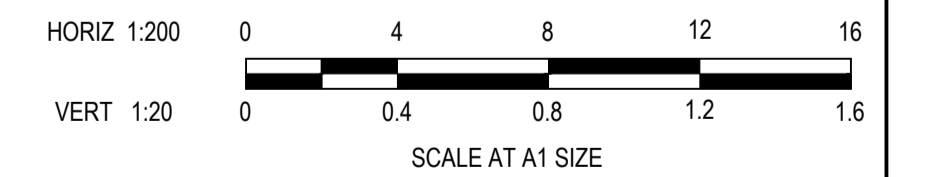
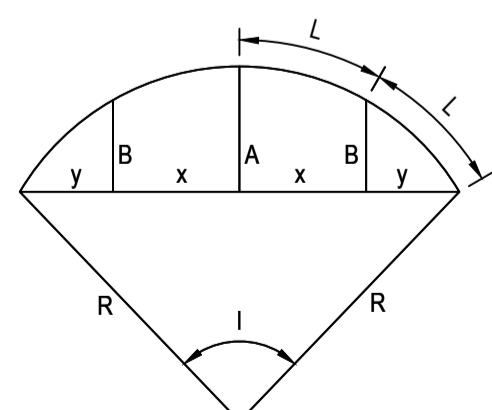
ALIGNMENT II

Point no	Easting	Northing	RL
II1	2605.284	245.860	40.809
II2	2597.818	255.461	41.190

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
II1 - II2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	41.033

LEGEND

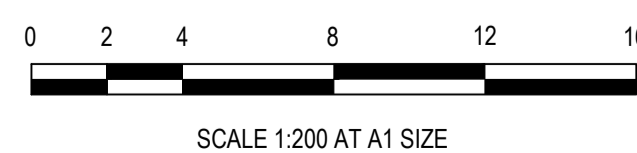
- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
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- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY



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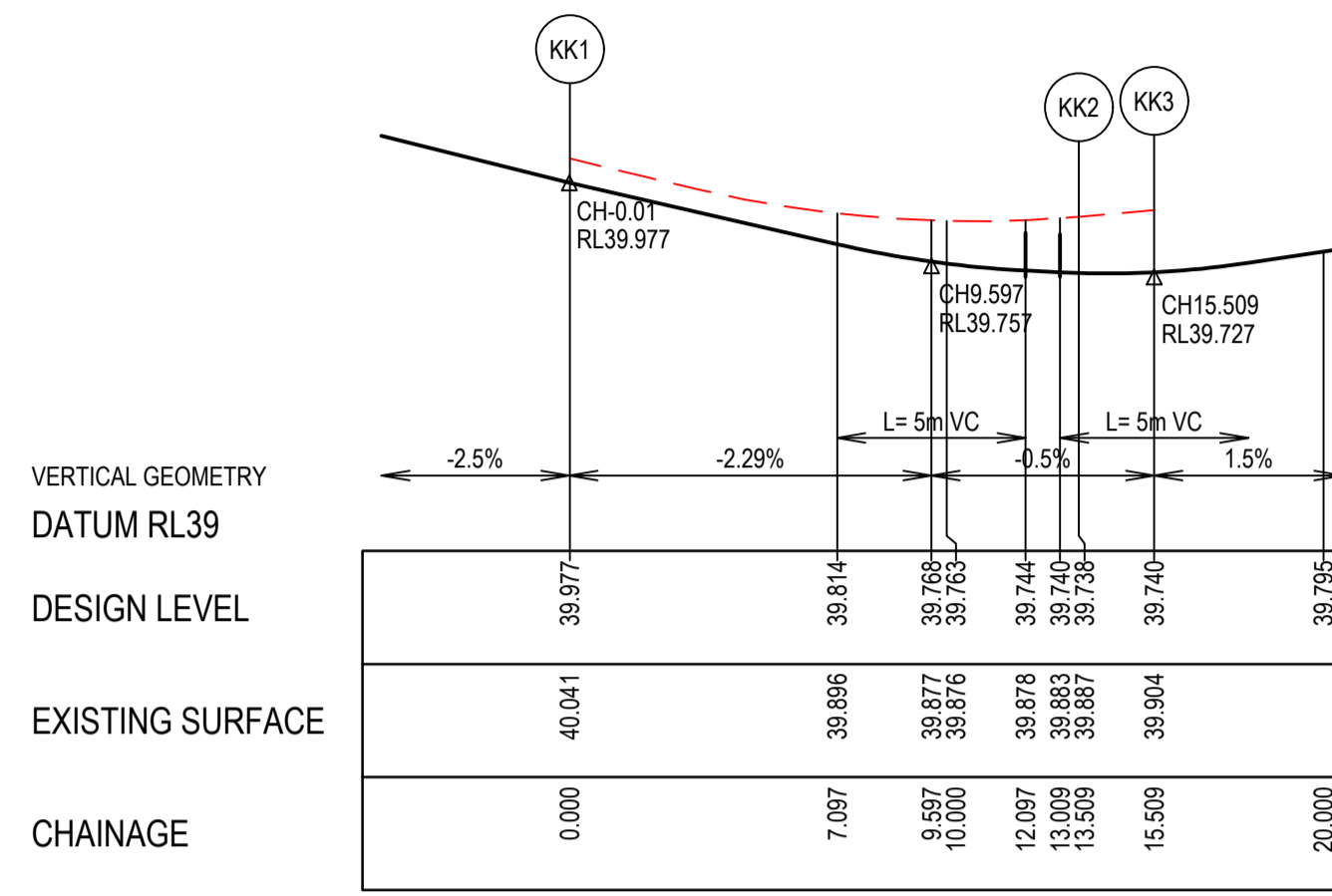
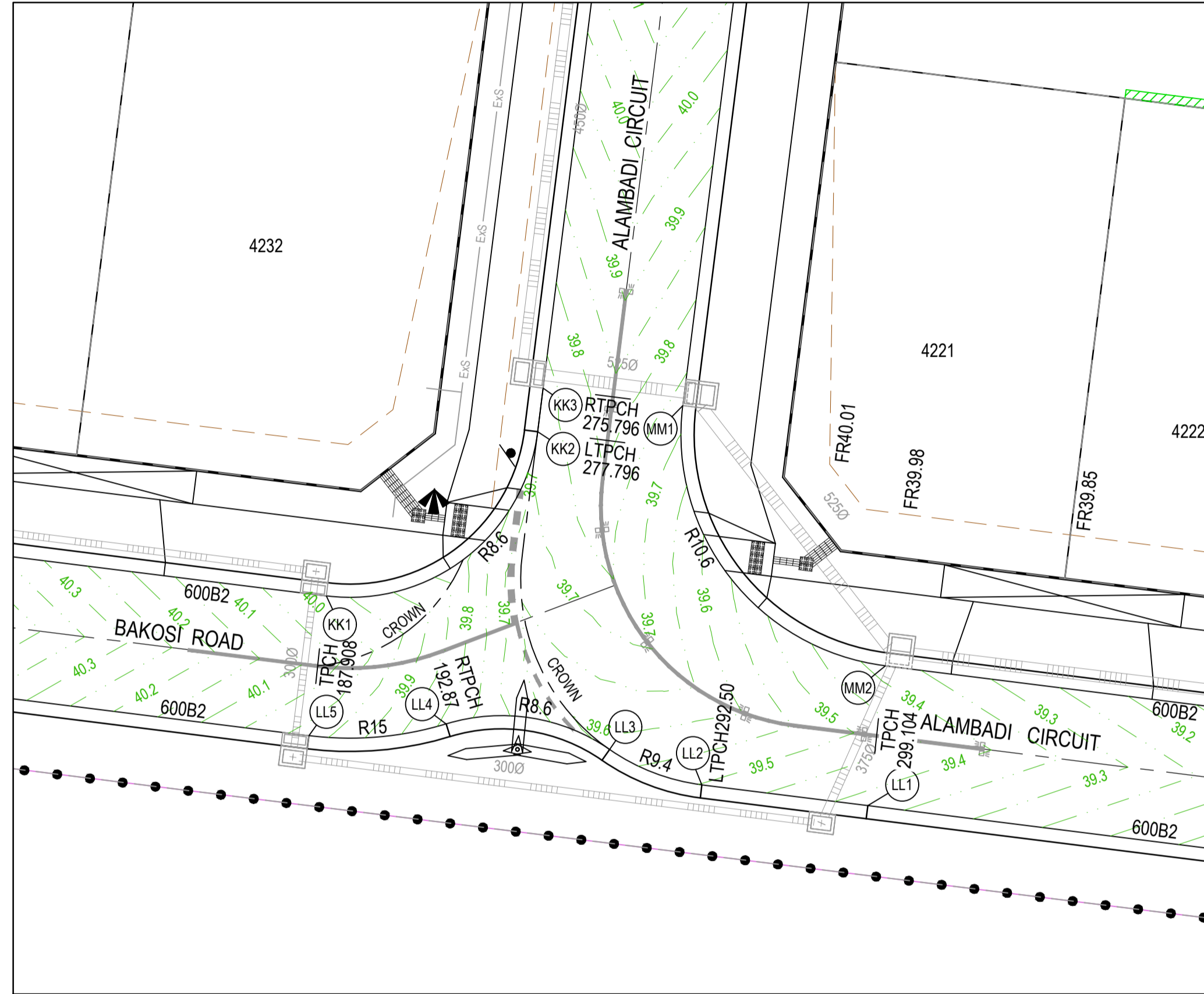
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Project Details
MERIDIAN CENTRAL ESTATE
STAGE 42
CITY OF CASEY
Drawing Title
INTERSECTION DETAILS
(SHEET 2 OF 3)

Sheet 14 of 19

Scale
1:200 @ A1

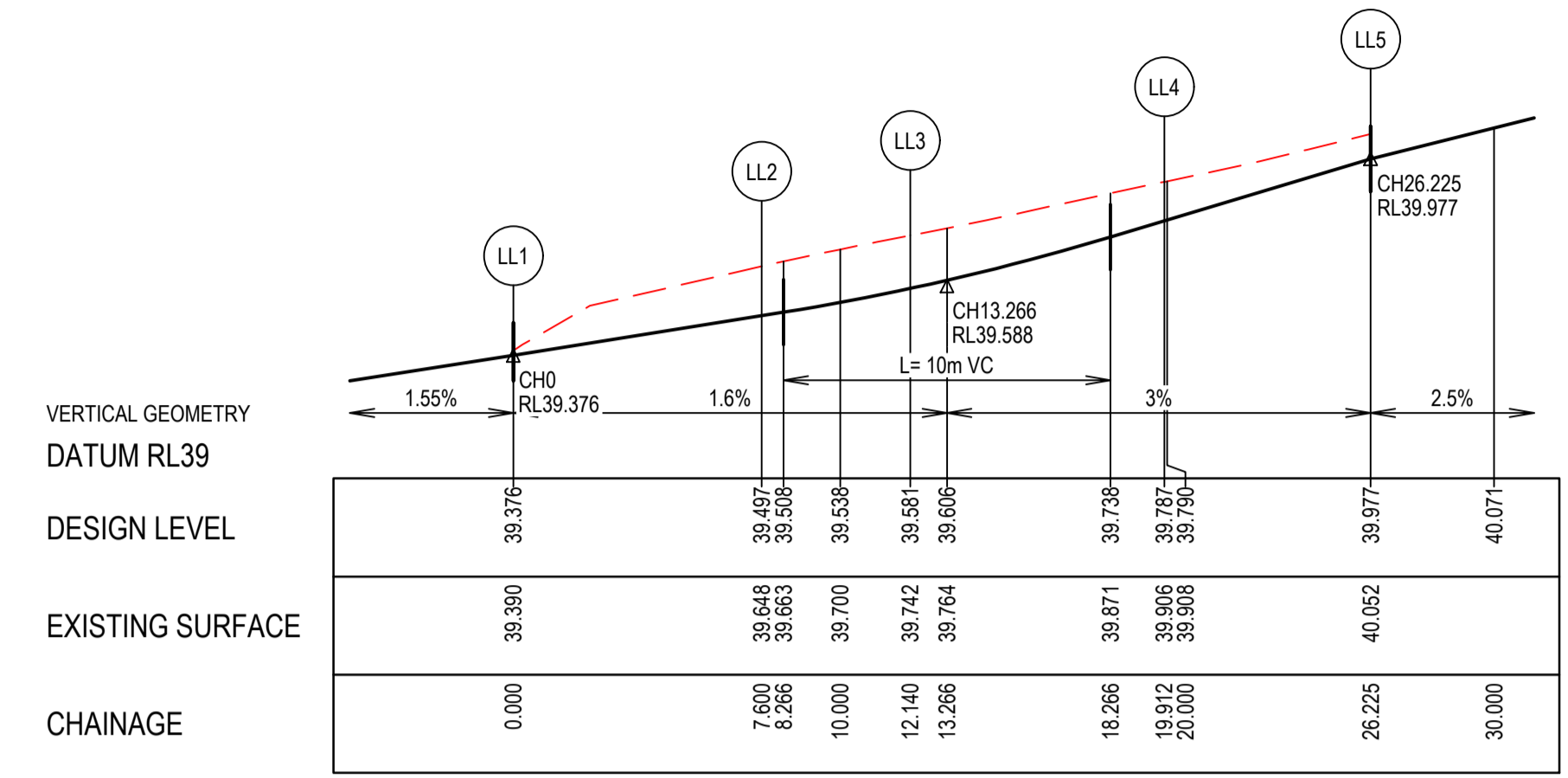
Project Ref	Stage No	Drawing No	Rev
1801767	42	301	A



ALIGNMENT KK

Point no	Easting	Northing	RL
KK1	2588.561	182.430	39.977
KK2	2598.282	189.896	39.738
KK3	2598.531	191.881	39.740

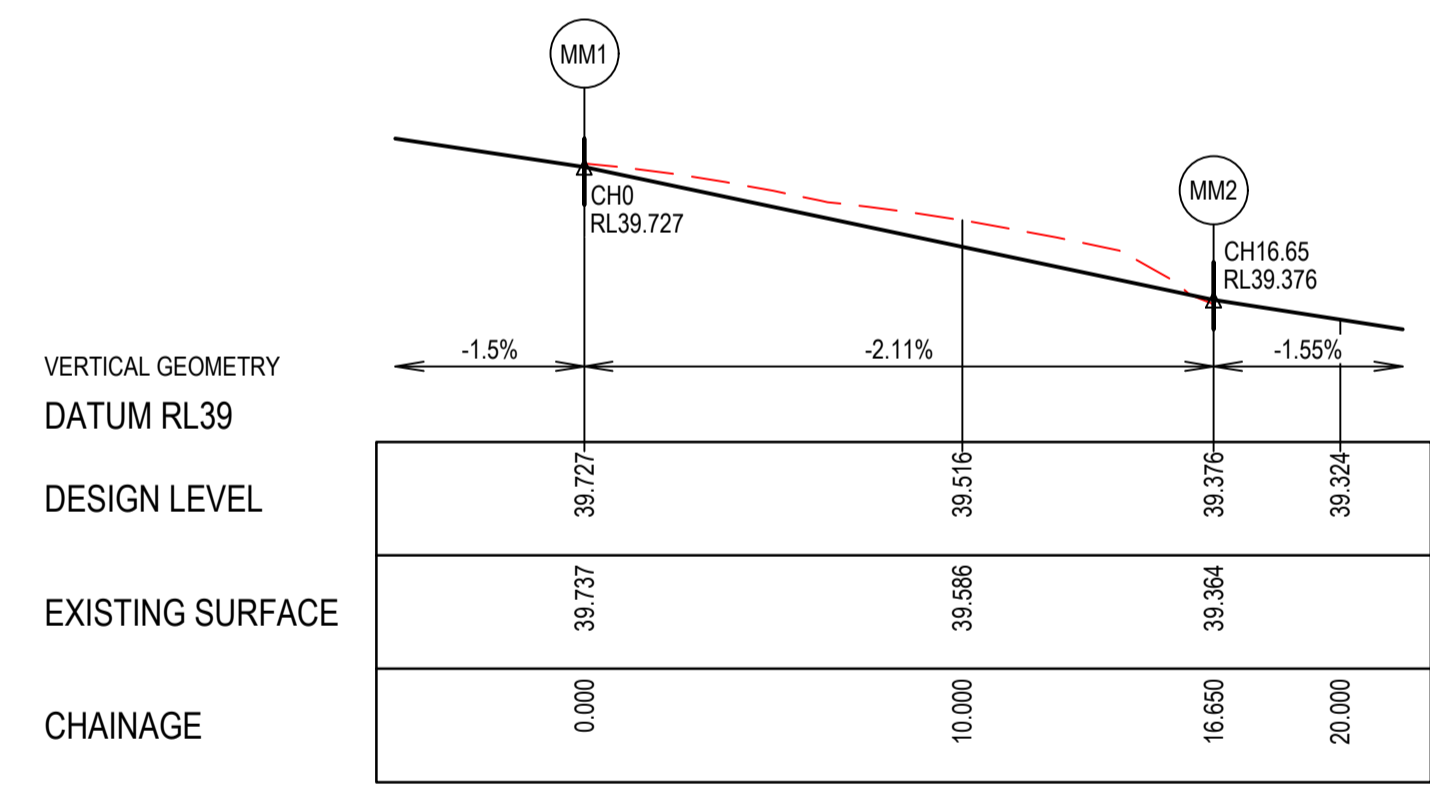
Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
KK1 - KK2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	39.822



ALIGNMENT LL

Point no	Easting	Northing	RL
LL1	2613.289	172.902	39.376
LL2	2605.748	173.845	39.497
LL3	2601.549	175.454	39.581
LL4	2594.129	176.618	39.737
LL5	2587.887	176.080	39.977

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
LL2 - LL3	27.672	9.400	4.540	0.273	0.204	1.132	1.116	1.135	39.535
LL3 - LL4	51.783	8.600	7.773	0.863	0.645	1.927	1.829	1.943	39.674
LL4 - LL5	24.110	15.000	6.312	0.331	0.248	1.575	1.558	1.578	39.882



ALIGNMENT MM

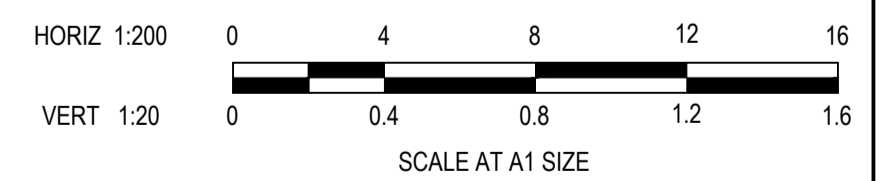
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MM1	2604.861	191.086	39.727
MM2	2614.083	179.252	39.376

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
MM1 - MM2	90.000	10.600	16.650	3.105	2.298	4.056	3.439	4.163	39.552

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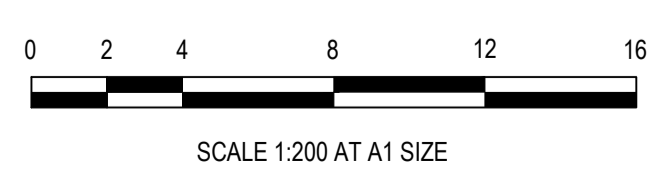
- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
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- SEWER & MAINTENANCE STRUCTURES
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- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY

LIP PROFILE SETOUT



ISSUED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					



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Reg. No. PE0005645
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PS Number: PS908382W

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Project Details
MERIDIAN CENTRAL ESTATE
STAGE 42
CITY OF CASEY

Drawing Title
INTERSECTION DETAILS
(SHEET 3 OF 3)

Sheet 15 of 19
Scale 1:200 @ A1

Project Ref 1801767
Stage No 42
Drawing No 302
Rev A

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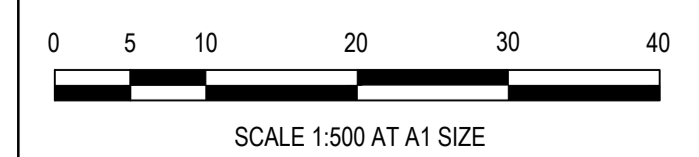


- NOTES**
- RRPM'S AT MAX 6m SPACING.
 - LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
 - LINEMARKING IN ACCORDANCE WITH AS1742.
 - TGSI TO BE INSTALLED IN ACCORDANCE WITH AS1428.4 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
 - ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
 - 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.

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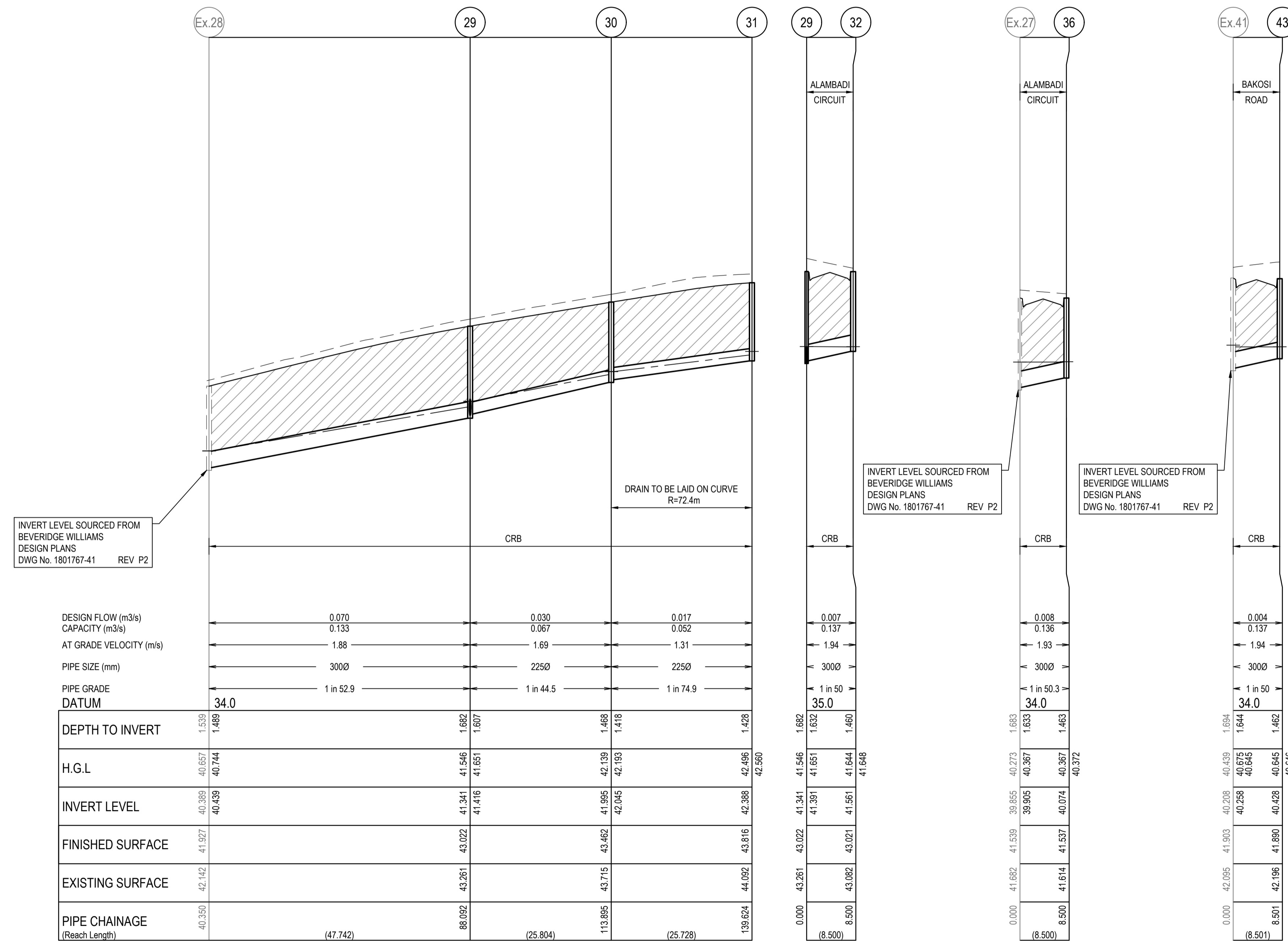
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Project Details	MERIDIAN CENTRAL ESTATE STAGE 42 CITY OF CASEY
Project Ref	1801767
Stage No	42
Drawing No	350
Rev	A

Sheet 16 of 19
Scale 1:500 @ A1

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

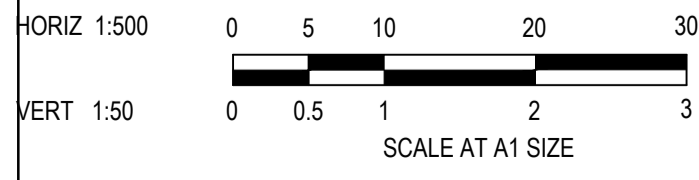
LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



ISSUED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					

DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.



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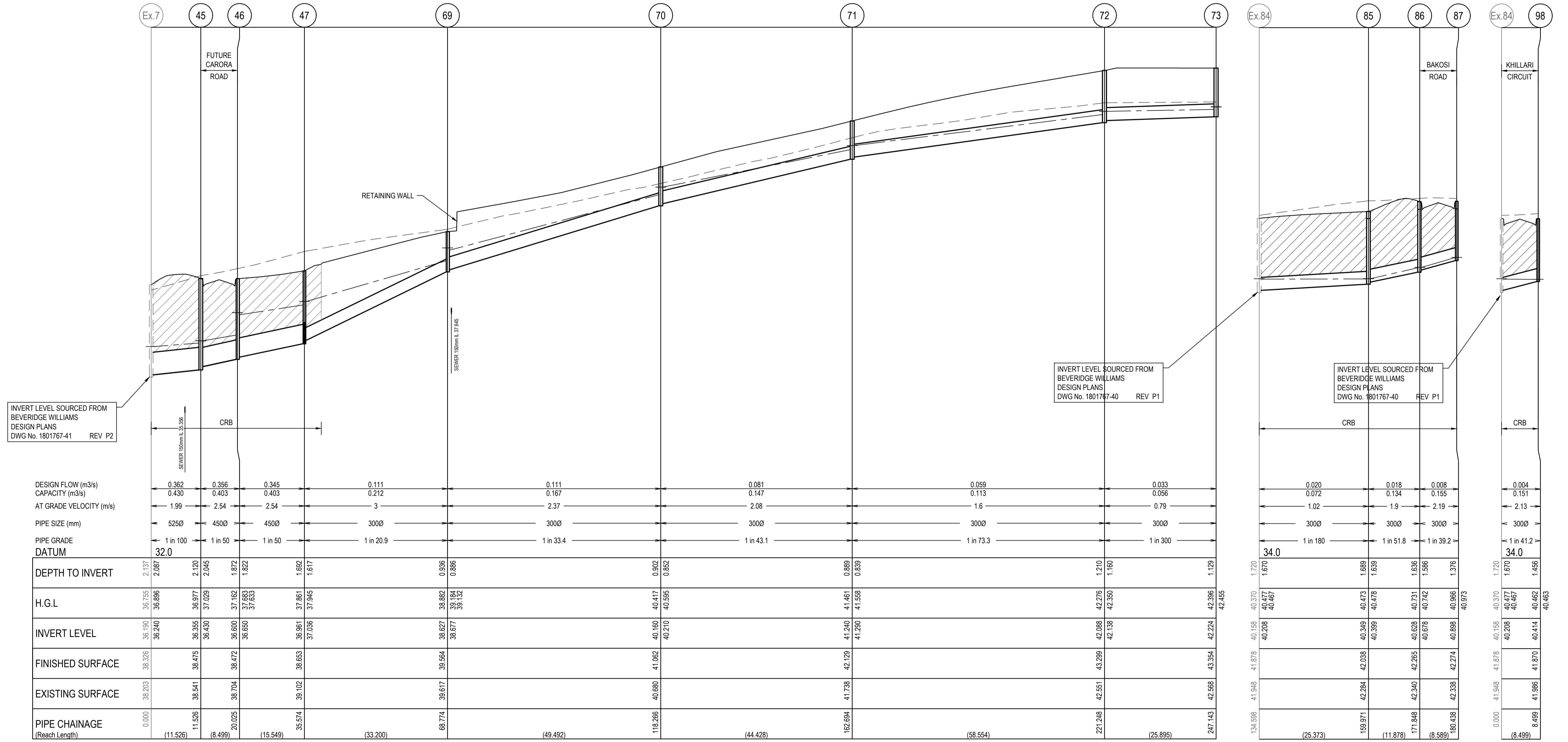
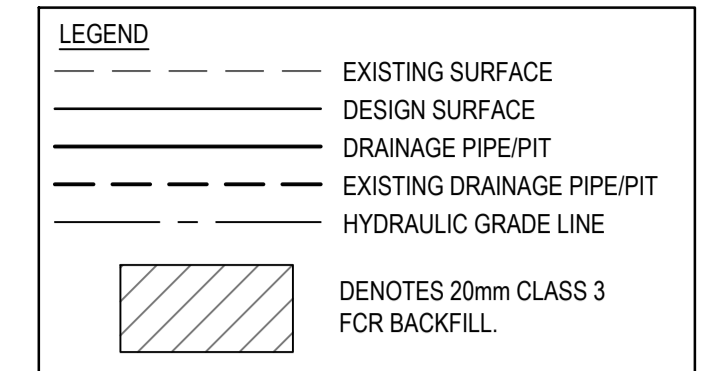
Project Details: MERIDIAN CENTRAL ESTATE
 STAGE 42
 CITY OF CASEY

Drawing Title: DRAINAGE LONGITUDINAL SECTIONS
 (SHEET 1 OF 2)

Sheet	17 of 19
Scale	1:500 H 1:50 V @ A1
Project Ref	1801767
Stage No	42
Drawing No	400
Rev	A

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



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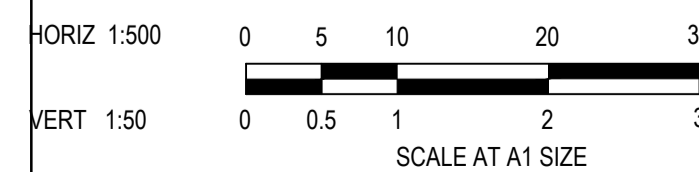
LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL

PIT SCHEDULE											
PIT NAME	PIT TYPE	INTERNAL		INLET		OUTLET		PIT		STD DWG	REMARKS
		WIDTH	LENGTH	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH		
Ex.7	GRATED SIDE ENTRY PIT									EDCM 607	CONNECT TO EXISTING PIPE STUB
Ex.9	JUNCTION PIT									EDCM 605	INSTALL CLASS B COVER
Ex.8	GRATED SIDE ENTRY PIT									EDCM 607	INSTALL HEAVY DUTY CLASS D COVER
Ex.10	GRATED SIDE ENTRY PIT									EDCM 601/607	INSTALL SINGLE GRATED SIDE ENTRY INLET UNIT AND CLASS B COVER
Ex.11	GRATED SIDE ENTRY PIT									EDCM 601/605	INSTALL SINGLE GRATED SIDE ENTRY INLET UNIT AND CLASS B COVER
Ex.12	JUNCTION PIT									EDCM 605	INSTALL CLASS B COVER
Ex.13	JUNCTION PIT									EDCM 605	INSTALL CLASS B COVER
Ex.14	GRATED SIDE ENTRY PIT									EDCM 601/605	INSTALL SINGLE GRATED SIDE ENTRY INLET UNIT AND CLASS B COVER
Ex.15	GRATED SIDE ENTRY PIT									EDCM 601/605	INSTALL SINGLE GRATED SIDE ENTRY INLET UNIT AND CLASS B COVER
Ex.38	JUNCTION PIT										INSTALL CLASS B COVER
Ex.39	GRATED SIDE ENTRY PIT									EDCM 601/605	INSTALL SINGLE GRATED SIDE ENTRY INLET UNIT AND CLASS B COVER
Ex.40	GRATED SIDE ENTRY PIT									EDCM 601/605	INSTALL SINGLE GRATED SIDE ENTRY INLET UNIT AND CLASS B COVER
Ex.28	JUNCTION PIT	600	900	300	40.439	300	40.389	41.93	1.54	EDCM 605	CONNECT TO EXISTING PIPE STUB INSTALL CLASS B COVER
29	GRATED ENTRY PIT	600	900	225	41.416	300	41.341	43.02	1.68	EDCM 601/605	
				300	41.391						
30	JUNCTION PIT	600	900	225	42.045	225	41.995	43.46	1.47	EDCM 605	
31	JUNCTION PIT	600	900			225	42.388	43.82	1.43	EDCM 605	
32	GRATED ENTRY PIT	600	900			300	41.561	43.02	1.46	EDCM 601/605	
Ex.27	GRATED SIDE ENTRY PIT	600	900	300	39.905	300	39.855	41.54	1.68	EDCM 601/605	CONNECT TO EXISTING PIPE STUB INSTALL DOUBLE GRATED SIDE ENTRY INLET UNIT AND CLASS B COVER
				300	39.905						
36	GRATED ENTRY PIT	600	900			300	40.074	41.54	1.46	EDCM 601/605	
Ex.41	GRATED SIDE ENTRY PIT	600	900	225	40.283	300	40.208	41.90	1.69	EDCM 601/605	CONNECT TO EXISTING PIPE STUB INSTALL SINGLE GRATED SIDE ENTRY INLET UNIT AND CLASS B COVER
		600		300	40.258						
43	GRATED ENTRY PIT	600	900			300	40.428	41.89	1.46	EDCM 601/605	
45	GRATED ENTRY PIT	600 (T) 1050 (B)	900 (T) 900 (B)	450	36.430	525	36.355	38.48	2.12	EDCM 601/605	HAUNCH UNDER ROAD PROVIDE TEMPORARY PIT COVER
46	GRATED ENTRY PIT	600	900	450	36.650	450	36.600	38.47	1.87	EDCM 601/605	INSTALL HEAVY DUTY CLASS D COVER. GRATED INLET UNIT TO BE INSTALLED AT A LATER STAGE
47	JUNCTION PIT	600	900	450	37.011	450	36.961	38.65	1.69	EDCM 605	
				300	37.036						
69	JUNCTION PIT	600	900	300	38.677	300	38.627	39.56	0.94	EDCM 605	
70	JUNCTION PIT	600	900	300	40.210	300	40.160	41.06	0.90	EDCM 605	
71	JUNCTION PIT	600	900	300	41.290	300	41.240	42.13	0.89	EDCM 605	
72	JUNCTION PIT	600	900	300	42.138	300	42.088	43.30	1.21	EDCM 605	
73	JUNCTION PIT	600	900	225	42.299	300	42.224	43.35	1.13	EDCM 605	
Ex.84	JUNCTION PIT	600	900	300	40.208	300	40.158	41.88	1.72	EDCM 605	CONNECT TO EXISTING PIPE STUB INSTALL CLASS B COVER
				300	40.208						
				225	40.233						
85	GRATED ENTRY PIT	600	900	300	40.399	300	40.349	42.04	1.69	EDCM 601/605	
86	GRATED ENTRY PIT	600	900	300	40.678	300	40.628	42.27	1.64	EDCM 601/605	
87	GRATED ENTRY PIT	600	900			300	40.898	42.27	1.38	EDCM 601/605	
98	GRATED ENTRY PIT	600	900			300	40.414	41.87	1.46	EDCM 601/605	

ISSUED FOR CONSTRUCTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	06.02.23	MF	MF					



Designed C. DAWSON
 Date 02.12.2022
 Drawn M.F. JAURIGUE
 Checked M. FELICIANO
 Date 08.12.2022
 Approved M. FELICIANO
 Reg. No. PE0005645
 Date 08.12.2022
 PS Number PSS00382W

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Project Details
 MERIDIAN CENTRAL ESTATE
 STAGE 42
 CITY OF CASEY
 Drawing Title
 PIT SCHEDULE

Sheet 19 of 19

Scale
 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
1801767	42	402	A