

# MERIDIAN CENTRAL ESTATE - STAGE 32

## BROWN PROPERTY 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 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 725/14/203) 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.
- A7. 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.
- A8. 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.

#### GENERAL

- B1. All works to be carried out in accordance with AS2124-1992 general conditions of contract & the City of Casey and EDCM 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. 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.

#### 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 reticulation 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 (TGSi) are to be installed at all pram crossings & pedestrian cross points in accordance with AS1428.4 : 2002 & MPA standard drawing EDCM 403.
- C20. If any existing substandard filling is encountered on the site it must be removed and replaced with approved fill material properly compacted to Council requirements. A geo-technical report must be submitted showing details of depth, type of material and density of the fill areas concerned.

#### DRAINAGE

- D1. Drainage & pits to be set out from offsets shown rather than from centreline pipe chainages. Centreline of pits at TP's to be offset 1.00m.
- D2. Terra Firma or 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 splayed pipes with bandage joints, having deflections within the manufacturer's specification.
- D4. All pipes to be Class 2" R.C. rubber ring joint 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.

### DRAWING INDEX

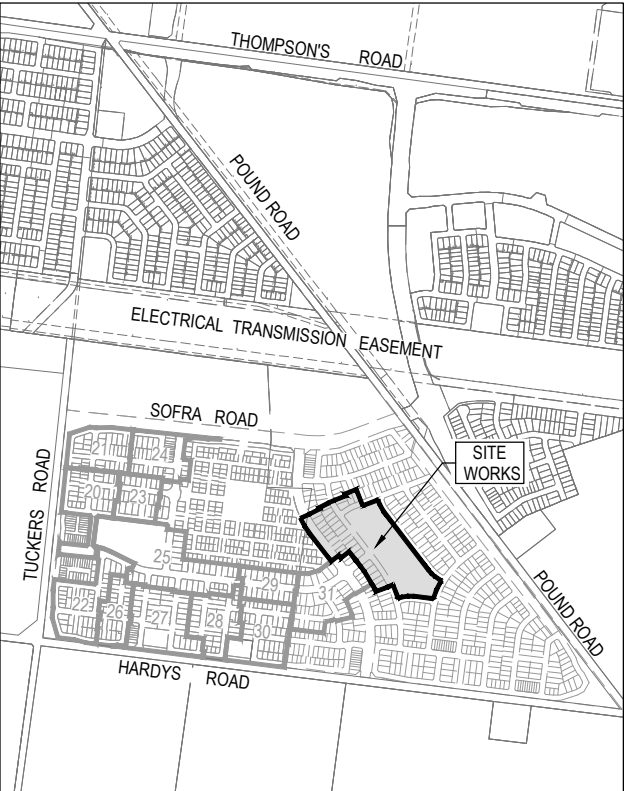
DRAWING No.	TITLE	REVISION
1801767-32-001	COVER SHEET	C
1801767-32-002	TYPICAL ROAD CROSS SECTIONS	B
1801767-32-003	PAVEMENT MAKEUP & GENERAL DETAILS	B
1801767-32-010	LAYOUT PLAN (SHEET 1 OF 2)	B
1801767-32-011	LAYOUT PLAN (SHEET 2 OF 2)	A
1801767-32-015	INTEGRATED WATER MANAGEMENT LAYOUT PLAN	A
1801767-32-016	INTEGRATED WATER MANAGEMENT DETAILS (SHEET 1 OF 2)	A
1801767-32-017	INTEGRATED WATER MANAGEMENT DETAILS (SHEET 2 OF 2)	A
1801767-32-100	ROAD LONGITUDINAL SECTIONS - BURLINA BOULEVARD	A
1801767-32-101	ROAD LONGITUDINAL SECTIONS - DABLAM STREET	B
1801767-32-102	ROAD LONGITUDINAL SECTIONS - RATHI STREET AND PORTOBELLO BOULEVARD	A
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1801767-32-206	ROAD CROSS SECTIONS - RATHI STREET	A
1801767-32-300	INTERSECTION DETAILS	B
1801767-32-350	SIGNAGE & LINE MARKING PLANS	B
1801767-32-400	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 2)	A
1801767-32-401	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 2) AND 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 vide 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
(APPLY SCALE FACTOR)	Add	+5,780,840.520 to Northings
	Scale by	0.999846 at point PM77



### SITE PLAN

NOT TO SCALE

MELWAY REF: 135 F4

ISSUED FOR  
CONSTRUCTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
C	DRAWING INDEX UPDATED	28.03.22	M.F.	M.F.					
B	DRAWING INDEX UPDATED	28.02.22	M.F.	M.F.					
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



Designed Date	E. BARCHAM 05.08.2021
Drawn	N. TABUENA
Approved Date	M. FELICIANO 05.08.2021
PS Number	PS848733A



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Project Details	MERIDIAN CENTRAL ESTATE STAGE 32 CITY OF CASEY
Drawing Title	COVER SHEET

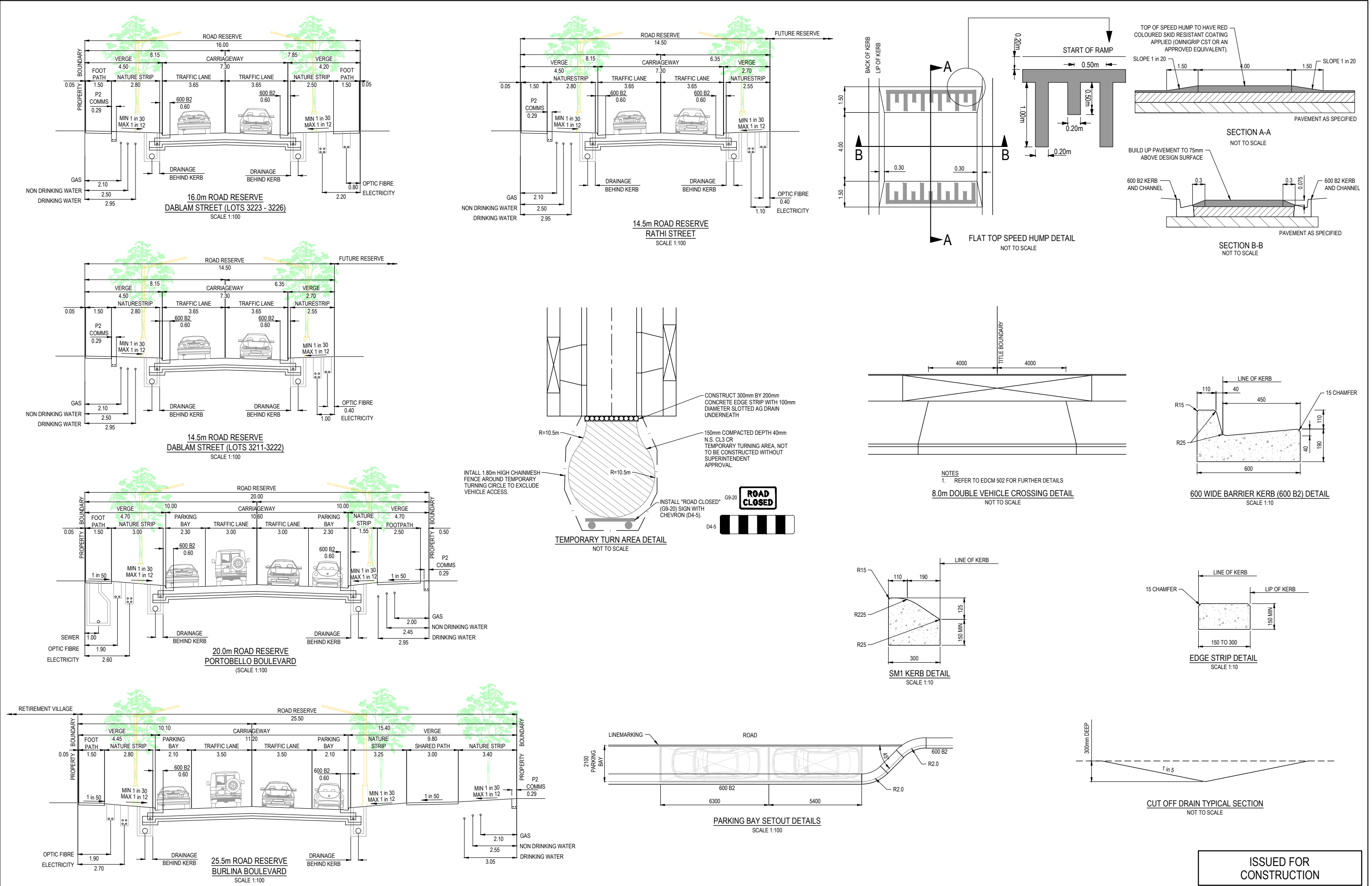
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Project Ref	Stage No	Drawing No	Rev
1801767	32	001	C

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
B	PRIORITY CROSSING REMOVED	28.03.22	M.F.	M.F.					
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



Designed  
Date  
E. BARCHAM  
05.08.2021  
Drawn  
N. TABUENA  
Approved  
Date  
M. FELICIANO  
05.08.2021  
PS Number  
PS848733A



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Project  
Details  
MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY  
Drawing  
Title  
TYPICAL ROAD CROSS SECTIONS

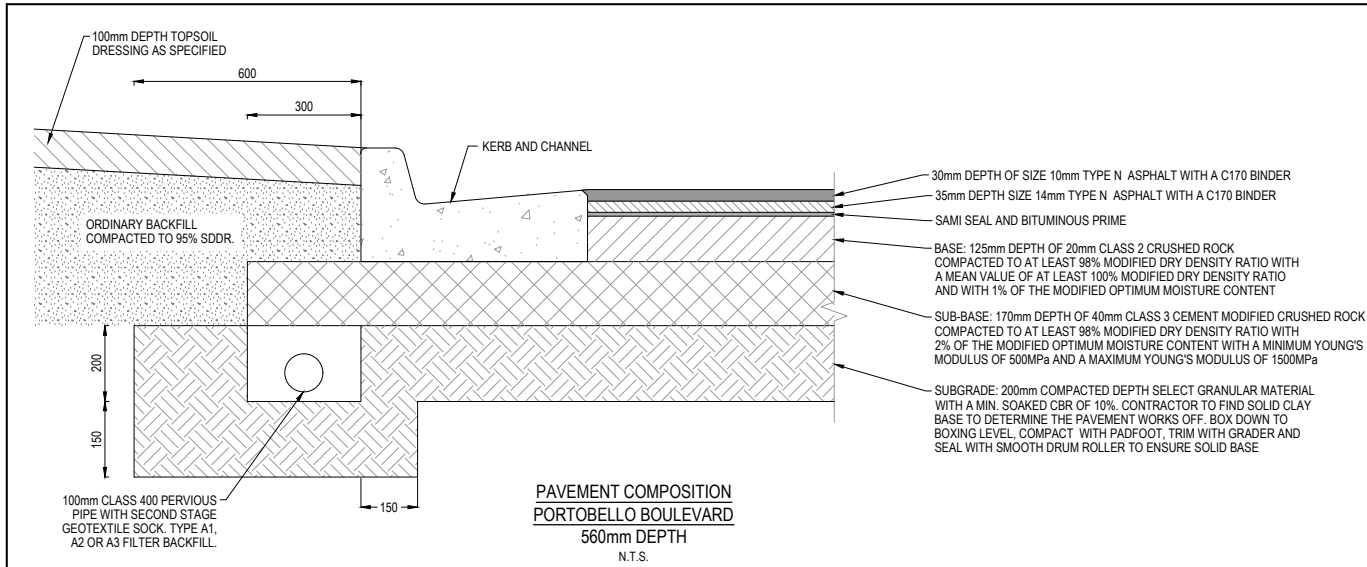
ISSUED FOR  
CONSTRUCTION

Sheet 02 of 22

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AS SHOWN

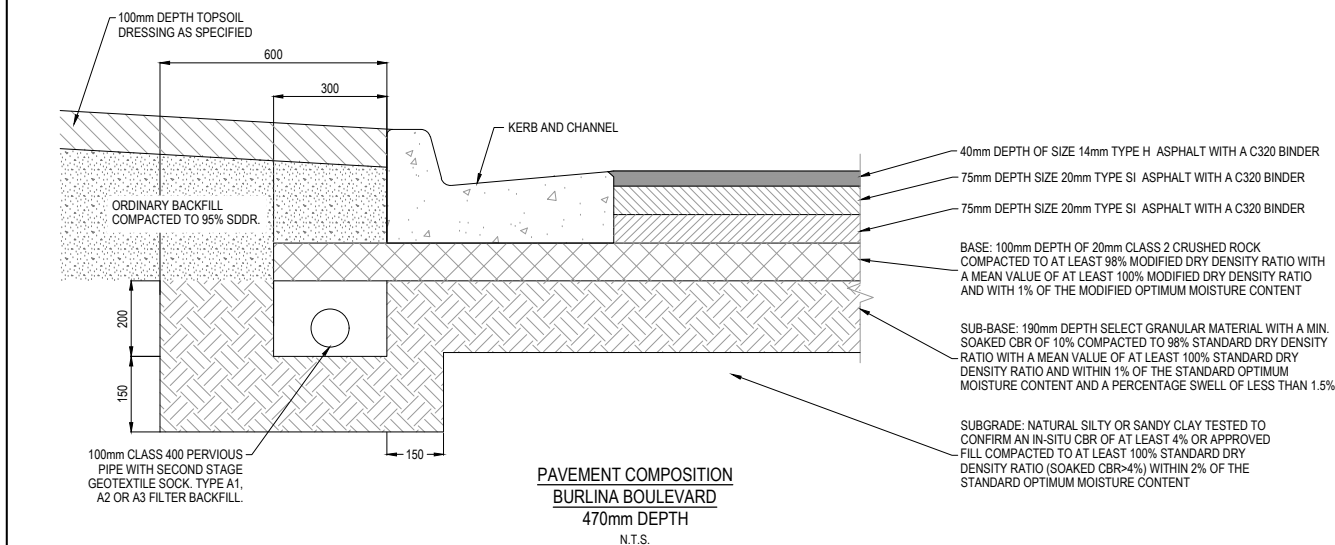
Project Ref	Stage No	Drawing No	Rev
1801767	32	002	B





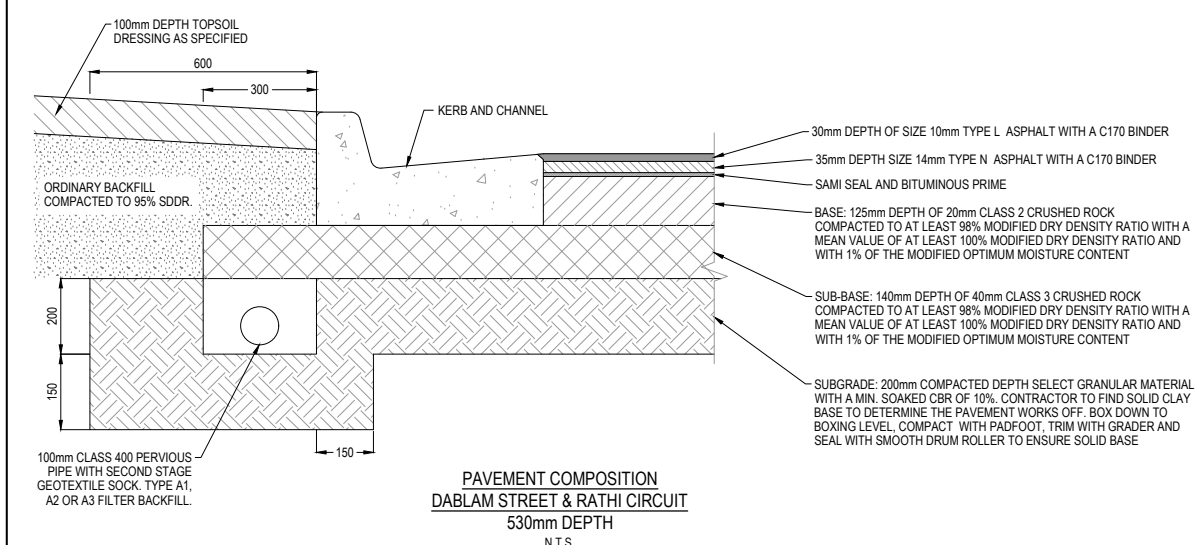
PAVEMENT COMPOSITION  
PORTOBELLO BOULEVARD  
560mm DEPTH  
N.T.S.

REFER STANDARD DRAWING  
EDCM 202 FOR DETAILS.



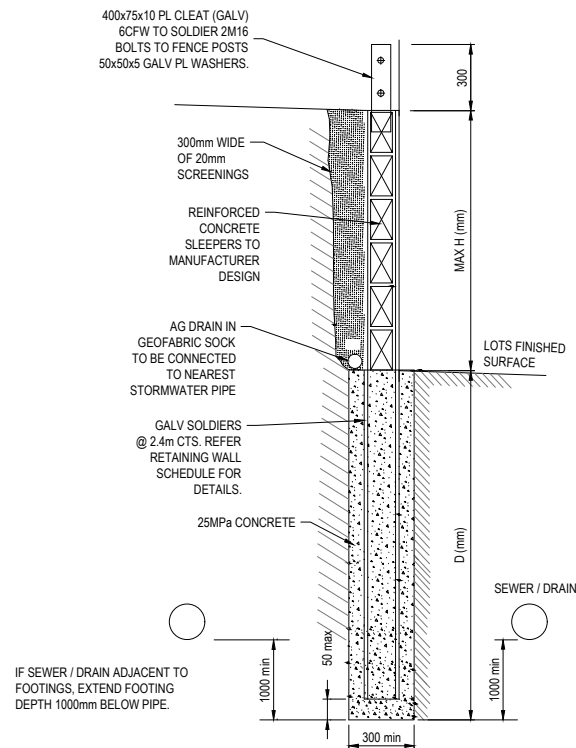
PAVEMENT COMPOSITION  
BURLINA BOULEVARD  
470mm DEPTH  
N.T.S.

REFER STANDARD DRAWING  
EDCM 202 FOR DETAILS.



PAVEMENT COMPOSITION  
DABLAM STREET & RATHI CIRCUIT  
530mm DEPTH  
N.T.S.

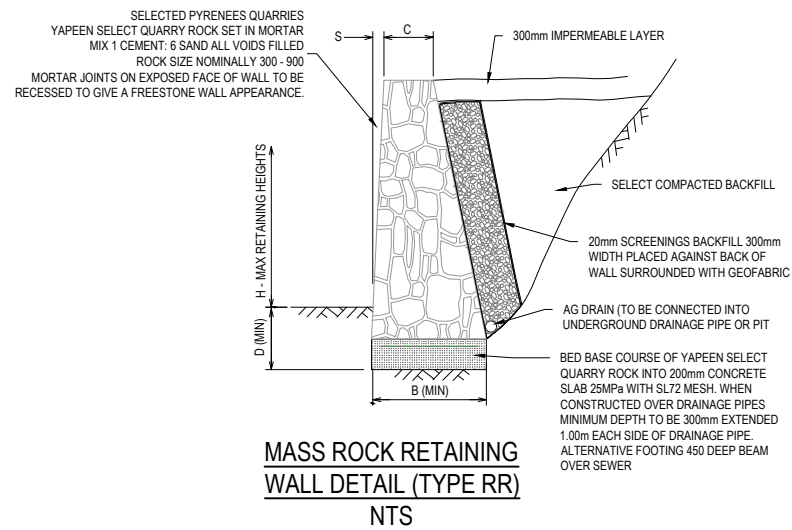
REFER STANDARD DRAWING  
EDCM 202 FOR DETAILS.



CONCRETE SLEEPER  
RETAINING WALL DETAILS  
NTS

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 / FRAINAGE



MASS ROCK RETAINING  
WALL DETAIL (TYPE RR)  
NTS

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:

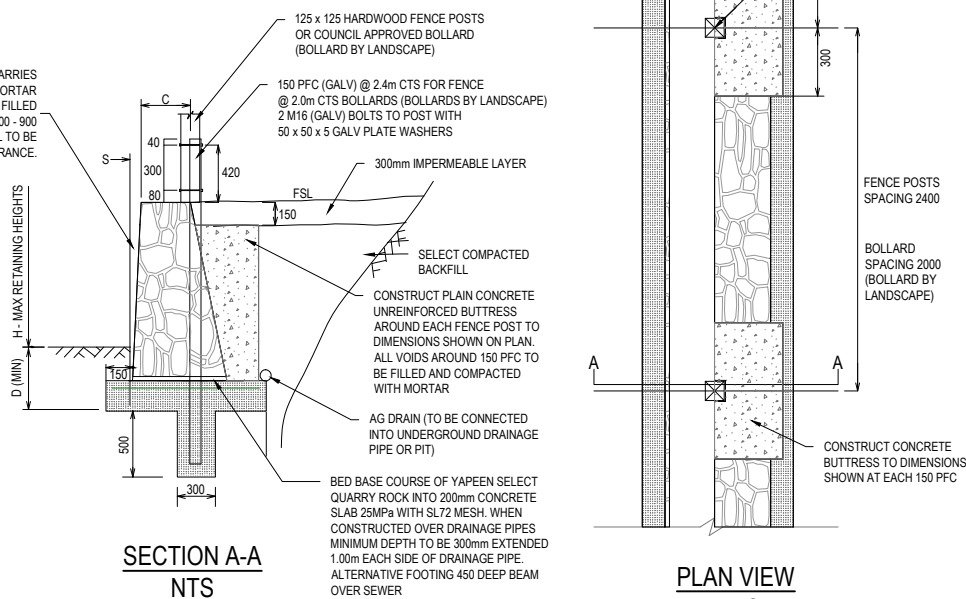
a. TOE OF WALL SHALL PENETRATE THROUGH ANY FILL MATERIAL & THE NATURAL SILT SOILS TO BE FOUNDED AT LEAST 100mm INTO THIS UNDERLYING NATURAL STILL CLAY OR WEATHERED ROCK.  
ALL EXCAVATIONS SHALL HAVE FOUNDED DEPTHS AND BEARING CAPACITY APPROVED BY THE ENGINEER OR BUILDING SURVEYOR BEFORE CONCRETE IS PLACED.  
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 FOUNDED 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.

SELECTED PYRENEES QUARRIES  
YAPEEN SELECT QUARRY ROCK SET IN MORTAR  
MIX 1 CEMENT: 6 SAND ALL VOIDS FILLED  
ROCK SIZE NOMINALLY 300 - 900  
MORTAR JOINTS ON EXPOSED FACE OF WALL TO BE  
RECESSED TO GIVE A FREESTONE WALL APPEARANCE.



SECTION A-A  
NTS

PLAN VIEW  
NTS

MASS ROCK RETAINING WALL DETAIL WITH  
PALING TIMBER FENCE (TYPE RR) OR BOLLARD  
(BOLLARD BY LANDSCAPE)  
NTS

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CONSTRUCTION

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A	ISSUED FOR CONSTRUCTION	24.02.22	M.F	M.F					



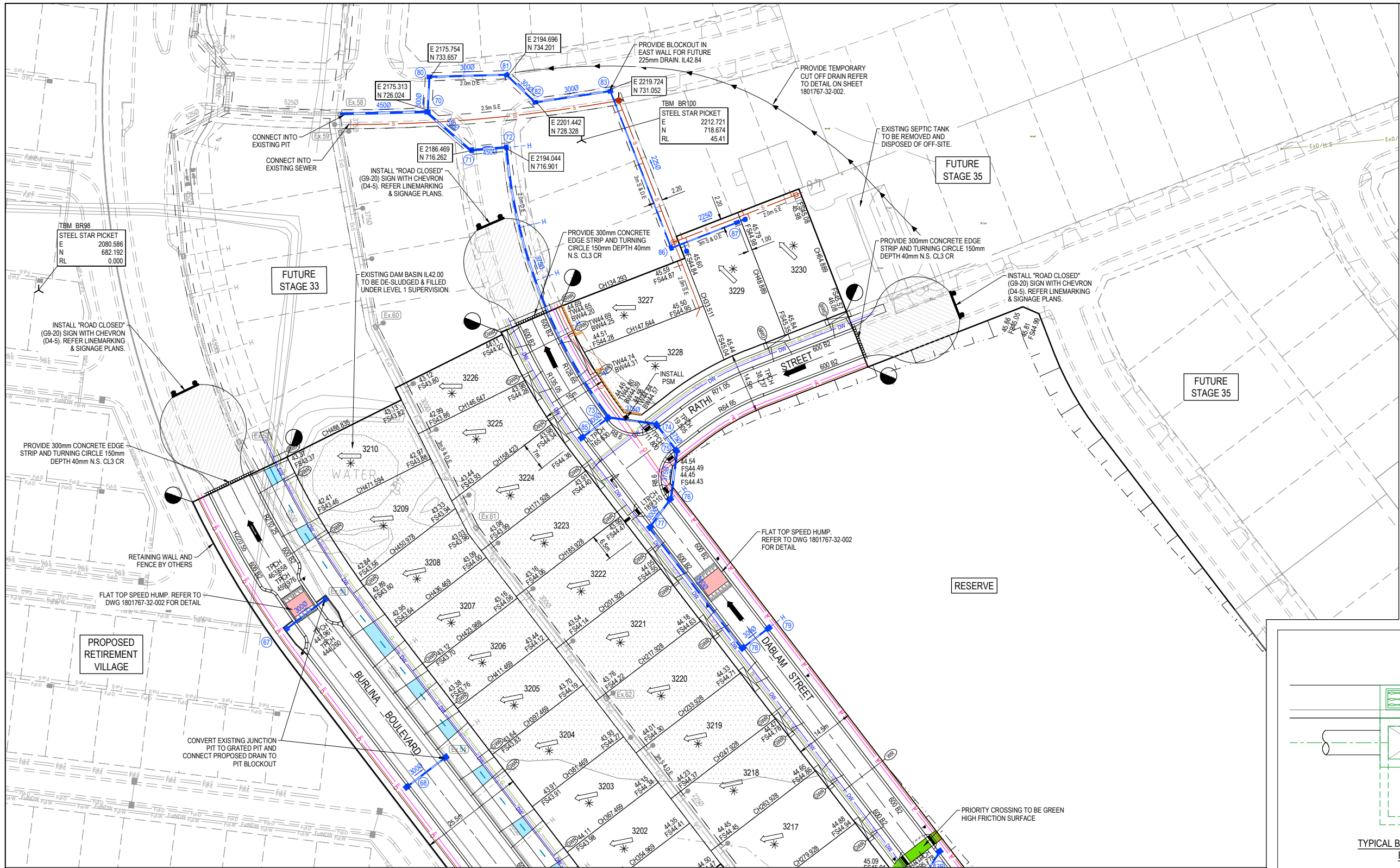
Designed  
Date  
E. BARCHAM  
05.08.2021  
Drawn  
N. TABUENA  
Approved  
Date  
M. FELICIANO  
05.08.2021  
PS Number  
PS848733A



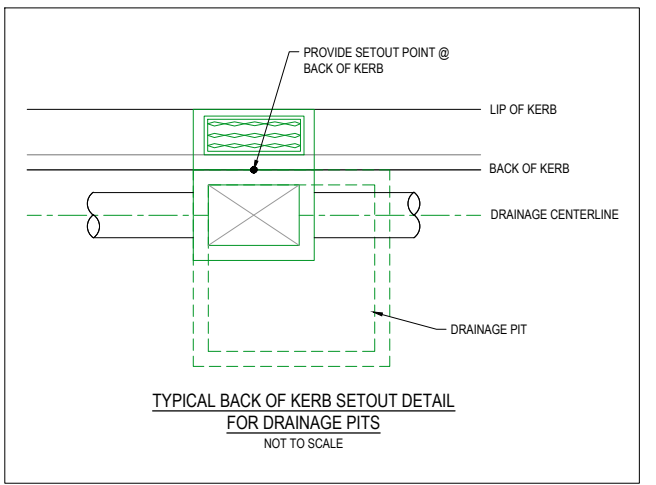
Project  
Details  
MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY  
Drawing  
Title  
PAVEMENT MAKEUP & GENERAL DETAILS

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1801767  
Stage No  
32  
Drawing No  
003  
Rev  
A





- 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
  - MASS ROCK RETAINING WALL
  - CONCRETE SLEEPER RETAINING WALL
  - EXISTING CONCRETE SLEEPER 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)
  - CONTRASTING SURFACE COLOUR ON PATH AT DRIVEWAYS TO REINFORCE CYCLIST PRIORITY



FOR CONTINUATION REFER DRAWING 1801767-32-010

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)
PORTOBELLO BOULEVARD	N	2.00	N	2.45	N	2.95	S	2.60	S	1.90	S	1.00
BURLINA BOULEVARD	E	2.10	E	2.55	E	3.05	W	2.70	W	1.90	-	-
DABLAM STREET (LOTS 3211-3222)	W	2.10	W	2.50	W	2.95	E	1.00	E	0.40	-	-
DABLAM STREET (LOTS 3223-3226)	W	2.10	W	2.50	W	2.95	E	2.20	E	0.80	-	-
RATHI STREET	N	2.10	N	2.50	N	2.95	S	1.10	S	0.40	-	-

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

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
PORTOBELLO BOULEVARD	20.00	5.10 / 9.70	6.00 / 10.60	6.30 / 10.90	600 B2	600 B2	4.70 / 7.00	4.70 / 7.00
BURLINA BOULEVARD	25.50	6.10 / 10.30	7.00 / 11.20	7.30 / 11.50	600 B2	600 B2	4.50 / 6.60	9.80 / 11.90
DABLAM STREET (LOTS 3211-3222)	14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
DABLAM STREET (LOTS 3223-3226)	16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20
RATHI STREET	14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70

**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

ISSUED FOR CONSTRUCTION

0 5 10 20 30 40  
SCALE 1:500 AT A1 SIZE

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
B	PRIORITY CROSSING & SPEED HUMP UPDATED	28.03.22	M.F.	M.F.					
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



Designed  
Date  
E. BARCHAM  
05.08.2021  
  
Drawn  
N. TABUENA  
  
Approved  
Date  
M. FELICIANO  
05.08.2021  
  
PS Number  
PS848733A



Project Details  
MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY  
  
Drawing Title  
LAYOUT PLAN  
(SHEET 1 OF 2)

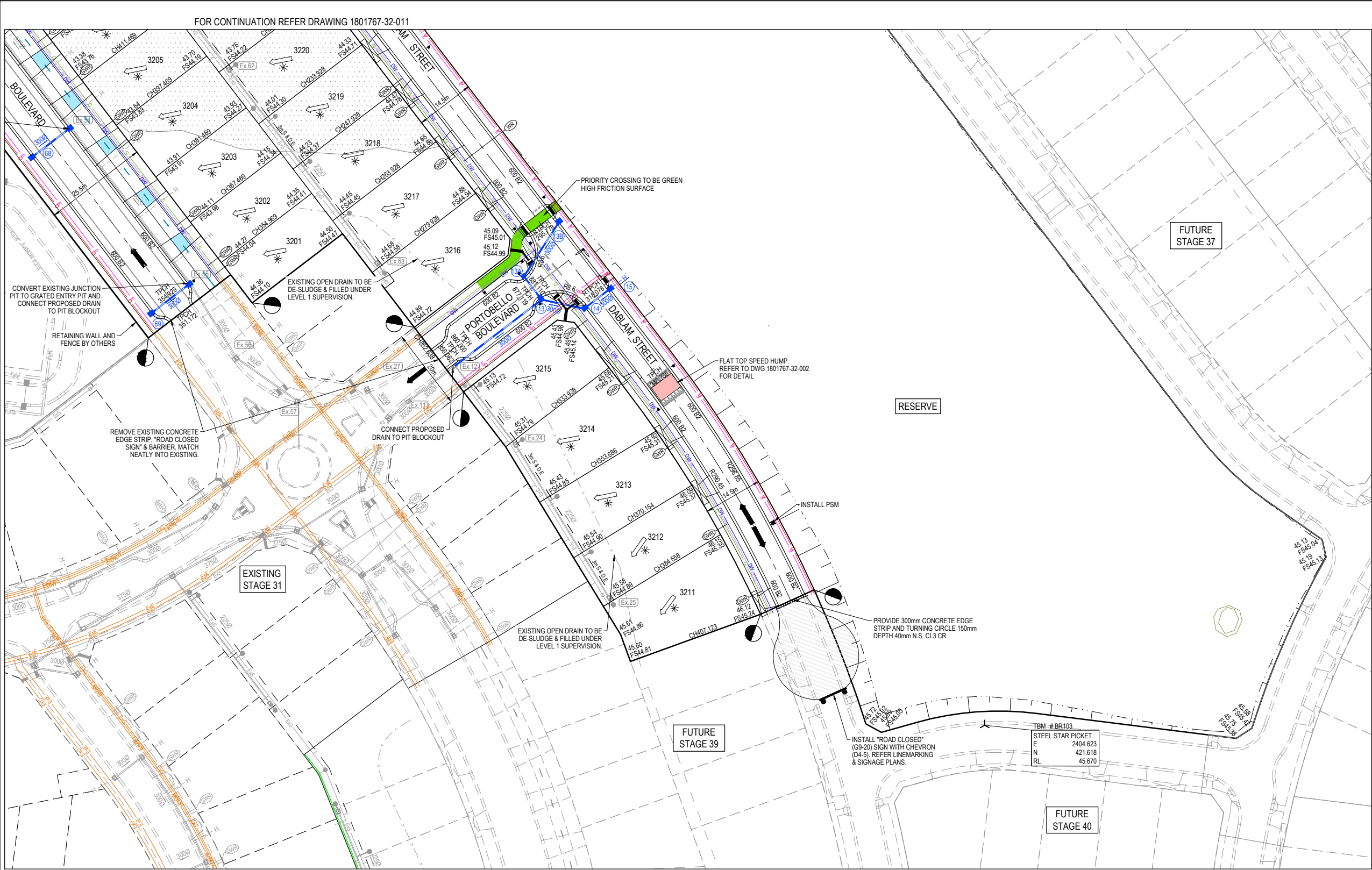
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Project Ref  
1801767  
Stage No  
32  
Drawing No  
010  
Rev  
B

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**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
- MASS ROCK RETAINING WALL
- CONCRETE SLEEPER RETAINING WALL
- EXISTING CONCRETE SLEEPER 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)
- CONTRASTING SURFACE COLOUR ON PATH AT DRIVEWAYS TO REINFORCE CYCLIST PRIORITY

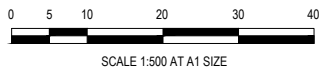
SERVICE OFFSET TABLE

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)
PORTOBELLO BOULEVARD	N	2.00	N	2.45	N	2.95	S	2.60	S	1.90	S	1.00
BURLINA BOULEVARD	E	2.10	E	2.55	E	3.05	W	2.70	W	1.90	-	-
DABLAM STREET (LOTS 3211-3222)	W	2.10	W	2.50	W	2.95	E	1.00	E	0.40	-	-
DABLAM STREET (LOTS 3223-3226)	W	2.10	W	2.50	W	2.95	E	2.20	E	0.80	-	-
RATHI STREET	N	2.10	N	2.50	N	2.95	S	1.10	S	0.40	-	-

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

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
PORTOBELLO BOULEVARD	20.00	5.10 / 9.70	6.00 / 10.60	6.30 / 10.90	600 B2	600 B2	4.70 / 7.00	4.70 / 7.00
BURLINA BOULEVARD	25.50	6.10 / 10.30	7.00 / 11.20	7.30 / 11.50	600 B2	600 B2	4.50 / 6.60	9.80 / 11.90
DABLAM STREET (LOTS 3211-3222)	14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
DABLAM STREET (LOTS 3223-3226)	16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20
RATHI STREET	14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70



**WARNING**  
**BWARE 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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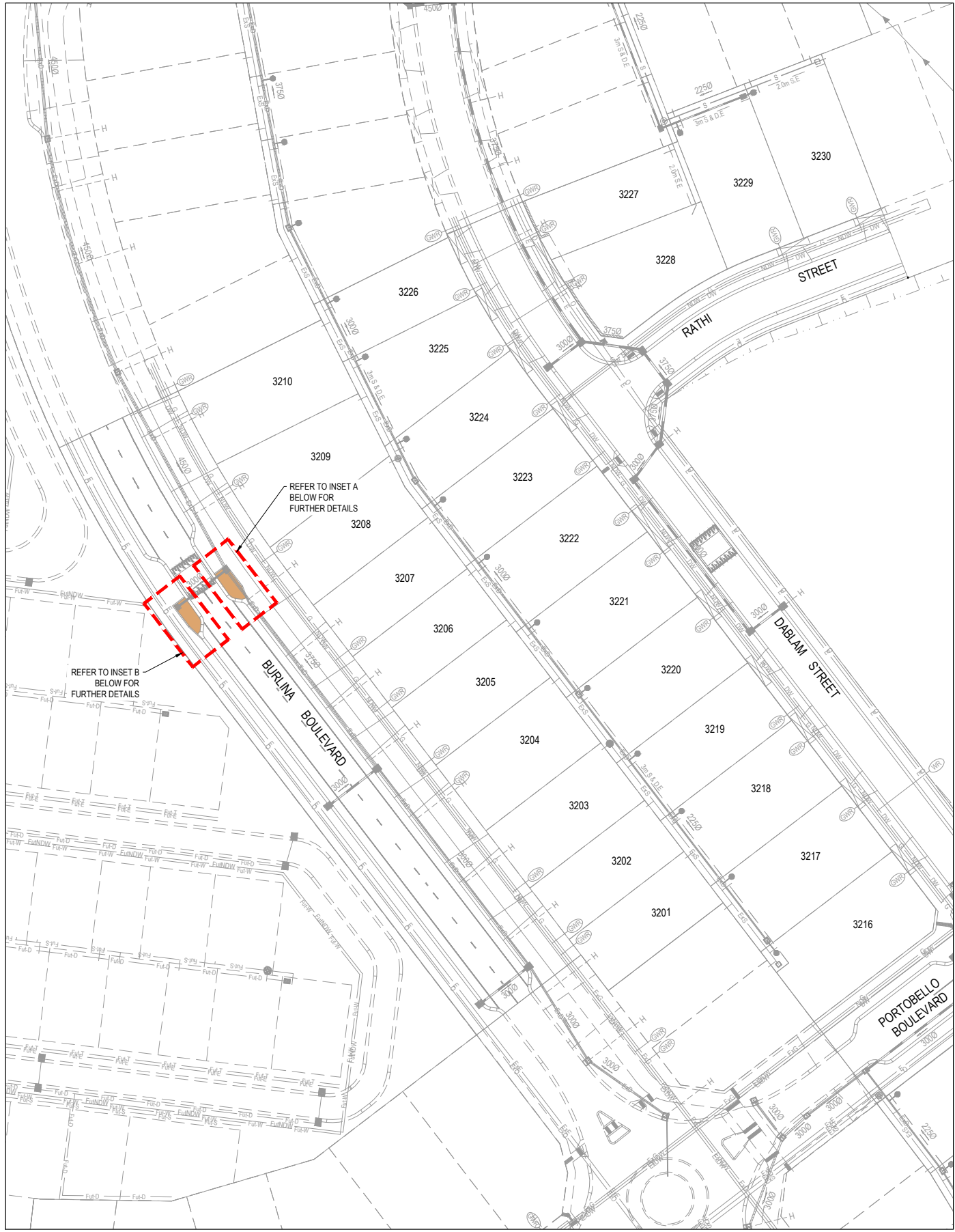
© COPYRIGHT All rights reserved Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted											
B	PRIORITY CROSSING & SPEED HUMP UPDATED	28.03.22	M.F.	M.F.							
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.							
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.		



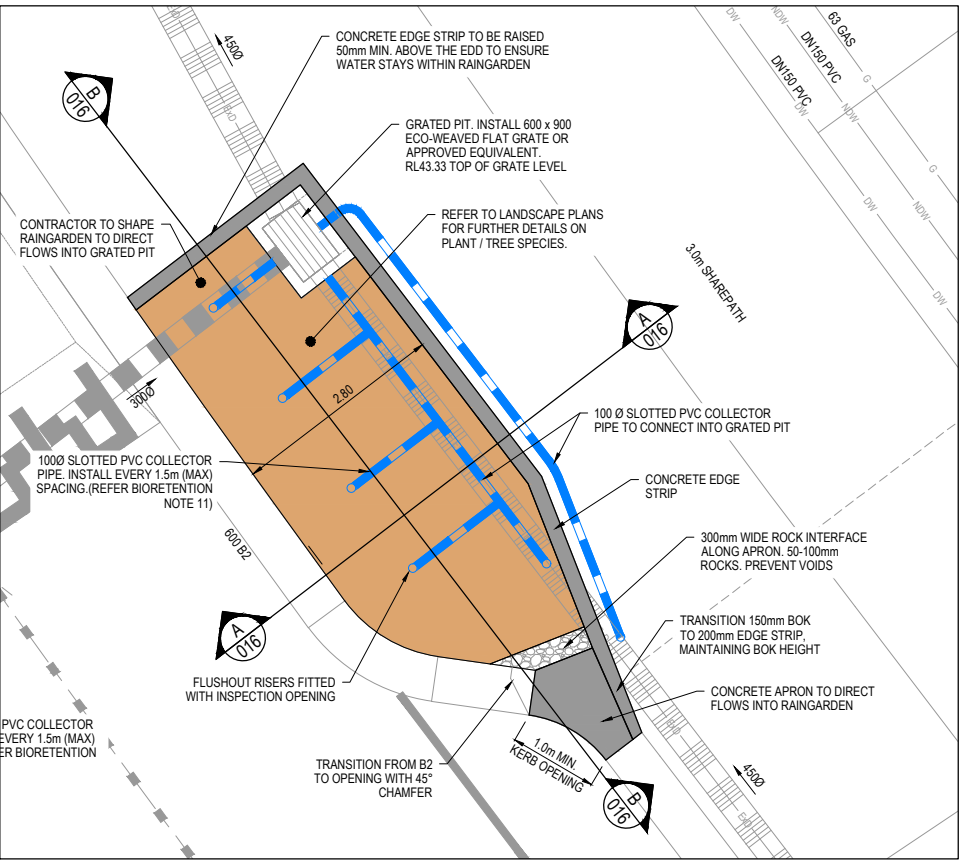
**BW** Beveridge Williams  
1 Glenferrie Road  
Malvern VIC 3144  
ph: 03 9524 8888  
www.beveridgewilliams.com.au

Designed Date	E. BARCHAM 05.08.2021
Drawn	N. TABUENA
Approved Date	M. FELICIANO 05.08.2021
PS Number	PS848733A

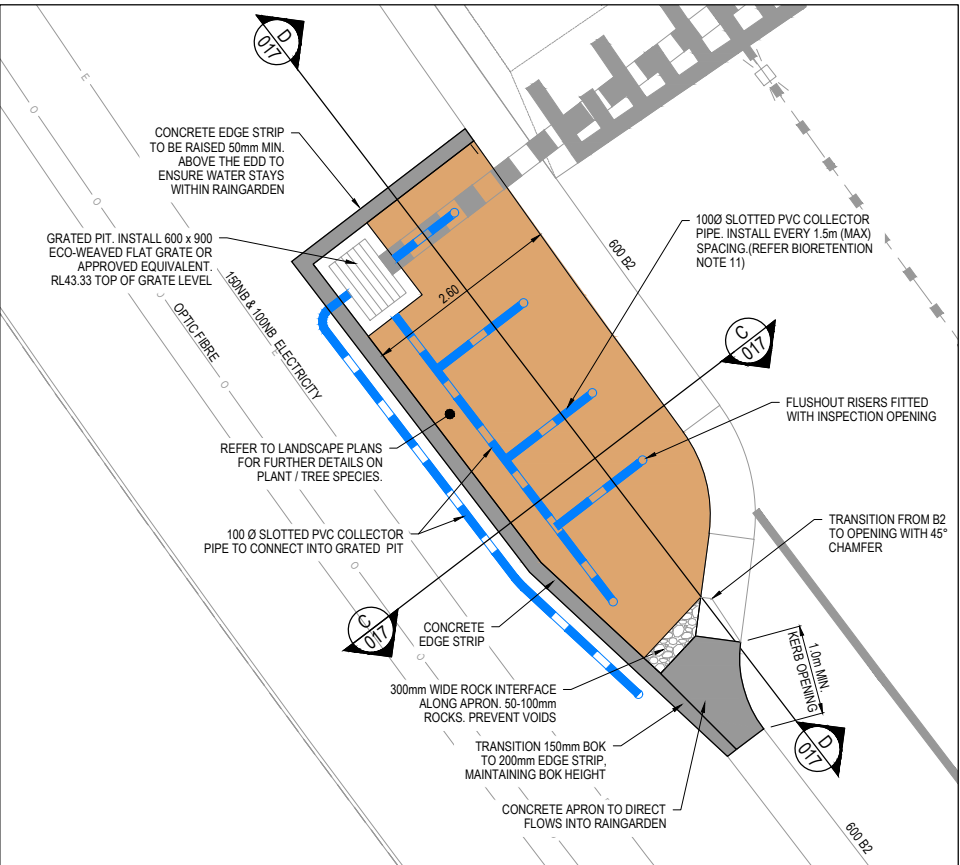
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Drawing Title	LAYOUT PLAN (SHEET 2 OF 2)
Sheet	05 of 22
Scale	1:500 @ A1
Project Ref	1801767
Stage No	32
Drawing No	011
Rev	B



0 5 10 20 30 40  
SCALE 1:500 AT A1 SIZE



INSET A  
0 0.5 1 2 3 4  
SCALE 1:50 AT A1 SIZE



INSET B  
0 0.5 1 2 3 4  
SCALE 1:50 AT A1 SIZE

LEGEND - LAYOUT PLAN	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MELBOURNE WATER DRAIN & PIT
	SEWER DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	SERVICE CONDUITS
	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 SEWER
	EXISTING HOUSE DRAIN
	EXISTING SWALE DRAIN
	MASS ROCK RETAINING WALL
	CONCRETE SLEEPER RETAINING WALL
	LIMIT OF WORKS
	EXISTING TREE TO BE REMOVED
	PROPOSED DRIVEWAY
	RAINGARDEN
	1000 SLOPPED PVC PIPE

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



Designed	E. BARCHAM
Date	05.08.2021
Drawn	N. TABUENA
Approved	M. FELICIANO
Date	05.08.2021
PS Number	PS848733A



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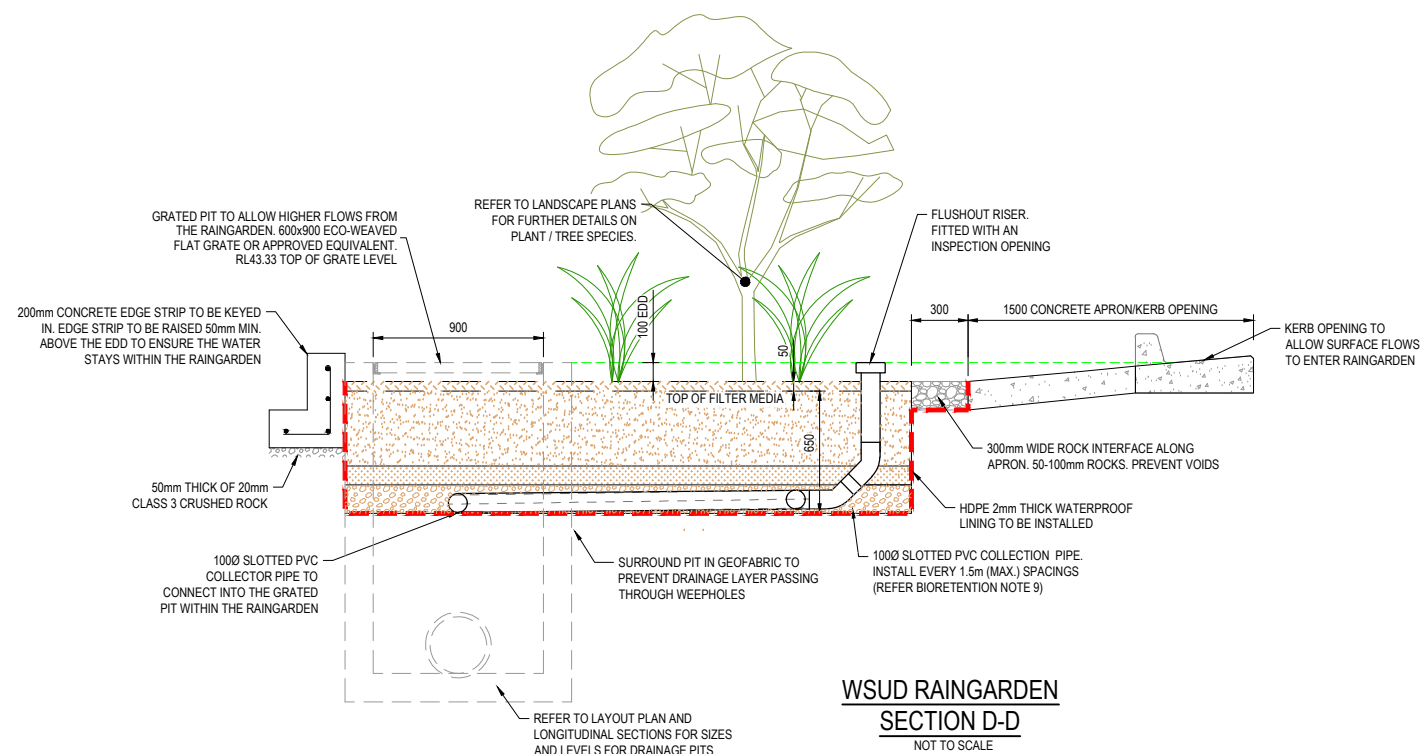
Project Details	MERIDIAN CENTRAL ESTATE STAGE 32 CITY OF CASEY
Drawing Title	INTEGRATED WATER MANAGEMENT LAYOUT PLAN

ISSUED FOR CONSTRUCTION			
Sheet 06 of 22			
Scale AS SHOWN			
Project Ref	Stage No	Drawing No	Rev
1801767	32	015	A









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Project Details	<p>MERIDIAN CENTRAL ESTATE</p> <p>STAGE 32</p> <p>CITY OF CASEY</p>
Drawing Title	<p>INTEGRATED WATER MANAGEMENT</p> <p>DETAILS (SHEET 2 OF 2)</p>

Sheet 08 of 22

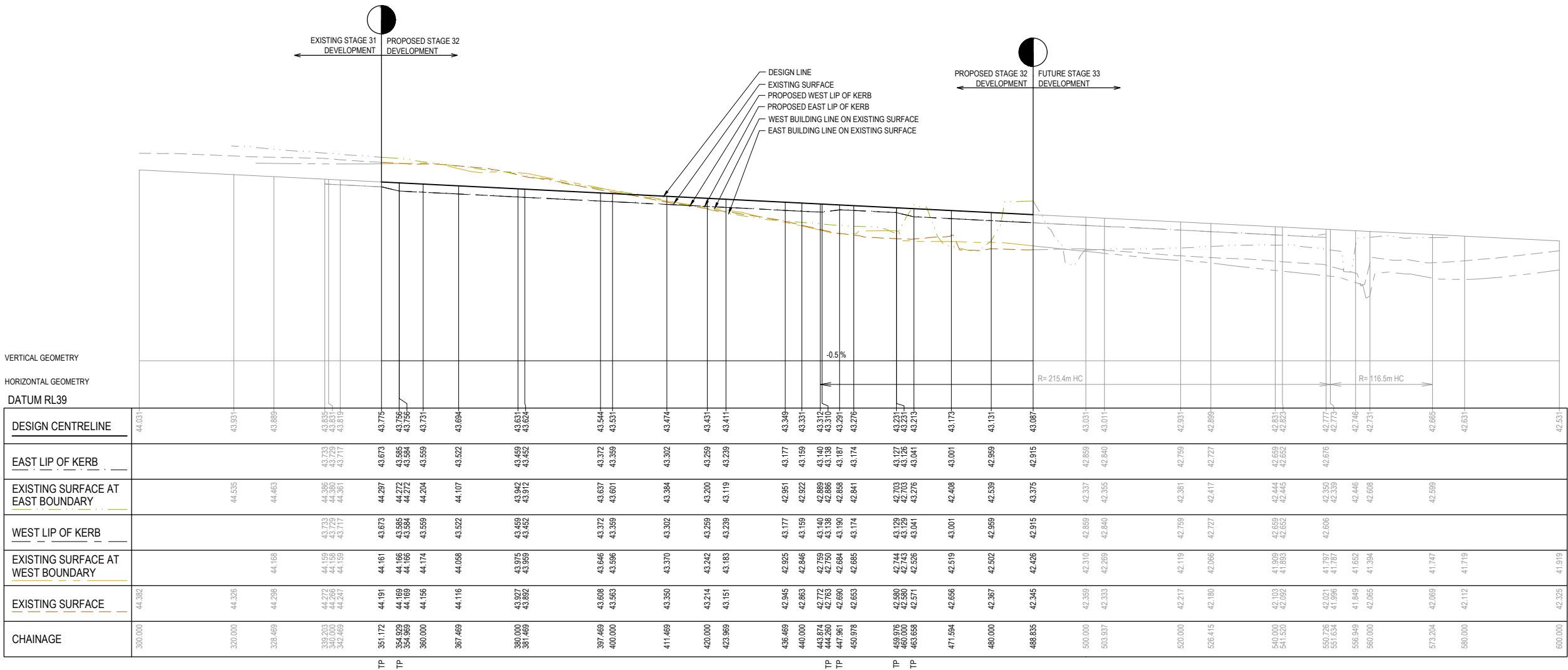
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Project Ref	Stage No	Drawing No	Rev
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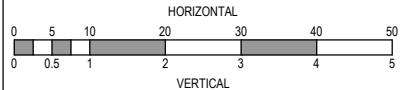
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	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT SOUTH / WEST BOUNDARY
	SOUTH / WEST LIP OF KERB
	EXISTING SURFACE AT NORTH / EAST BOUNDARY
	NORTH / EAST LIP OF KERB



BURLINA BOULEVARD - ROAD LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION
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Designed Date	E. BARCHAM 05.08.2021
Drawn	N. TABUENA
Approved Date	M. FELICIANO 05.08.2021
PS Number	PS848733A



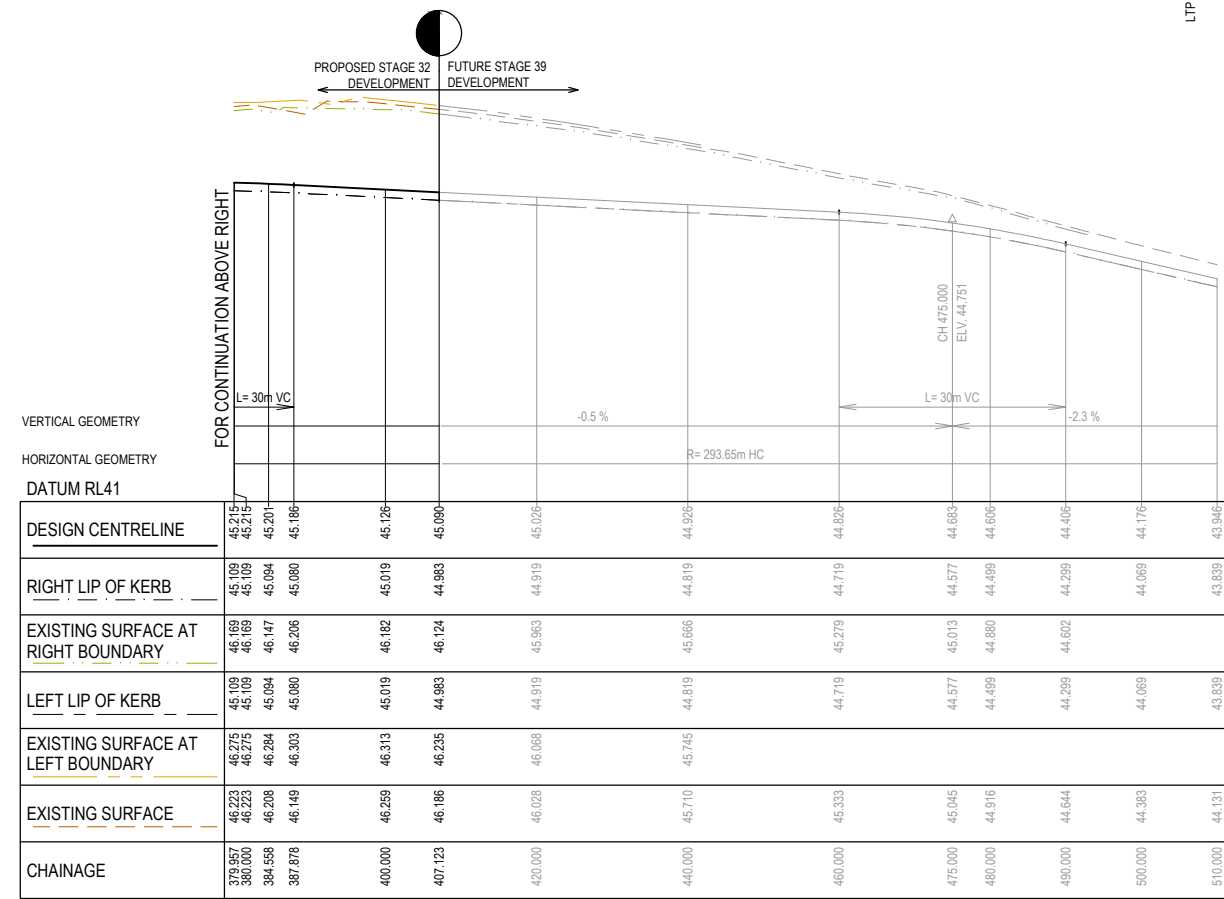
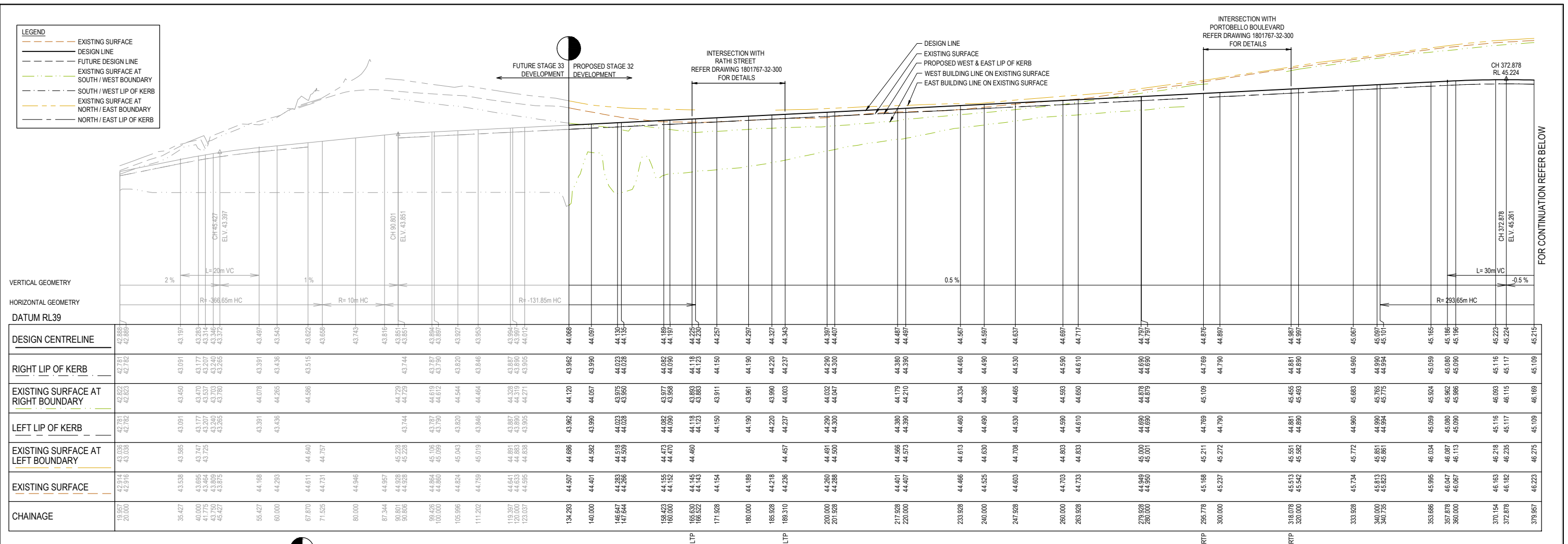
1 Glenferrie Road  
Malvern VIC 3144  
ph: 03 9524 8888  
www.beveridgewilliams.com.au

Project Details	MERIDIAN CENTRAL ESTATE STAGE 32 CITY OF CASEY
Drawing Title	ROAD LONGITUDINAL SECTIONS BURLINA BOULEVARD

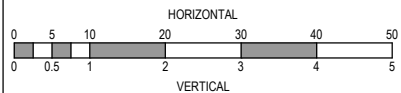
Sheet 09 of 22

Scale  
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Project Ref	Stage No	Drawing No	Rev
1801767	32	100	A



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[illegible]

Designed	E. BARCHAM
Date	05.08.2021
Drawn	N. TABUENA
Approved	M. FELICIANO
Date	05.08.2021
PS Number	PS848733A



## Beveridge Williams

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Malvern VIC 3144  
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Project Details	<p>MERIDIAN CENTRAL ESTATE</p> <p>STAGE 32</p> <p>CITY OF CASEY</p>
Drawing Title	<p>ROAD LONGITUDINAL SECTIONS</p> <p>DABLAM STREET</p>

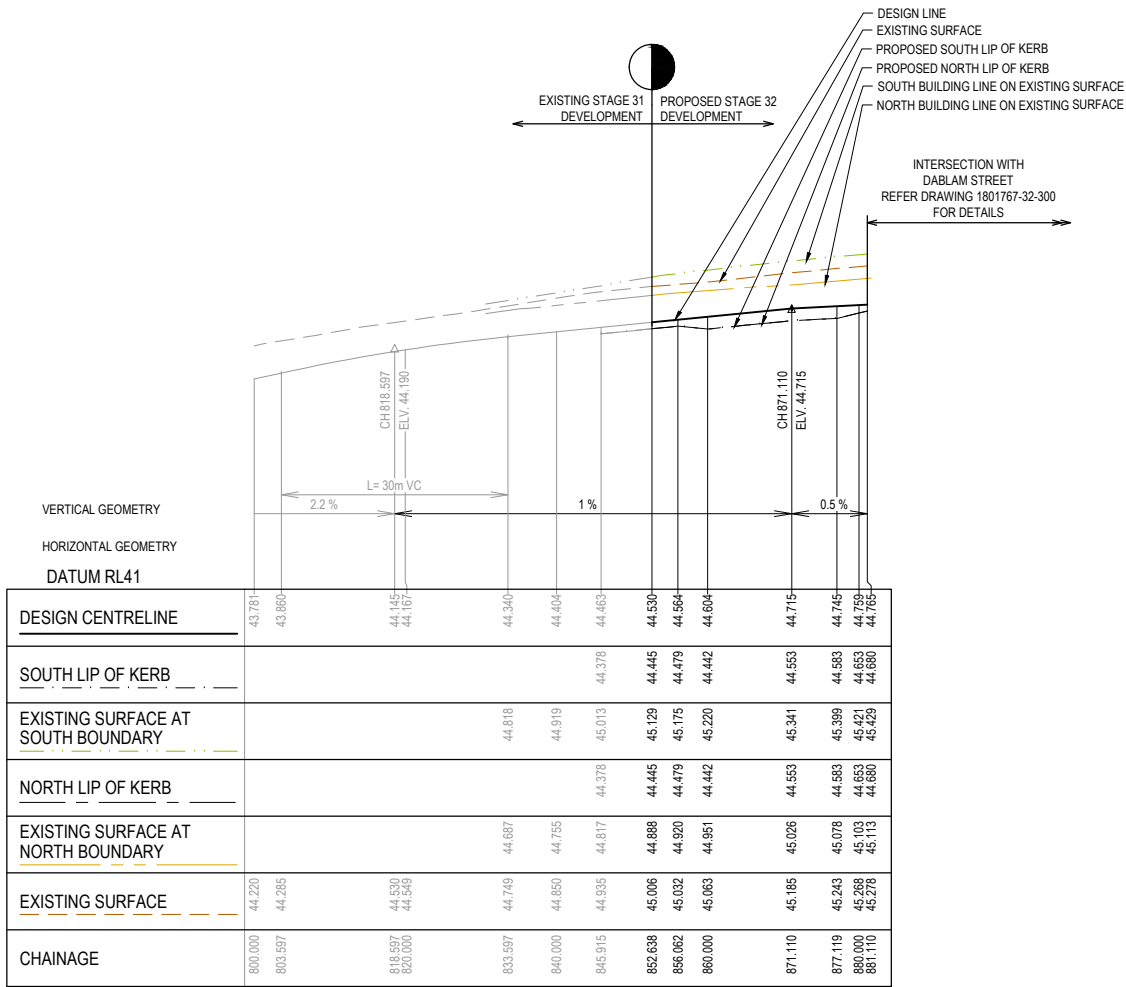
Sheet 10 of 22

Scale  
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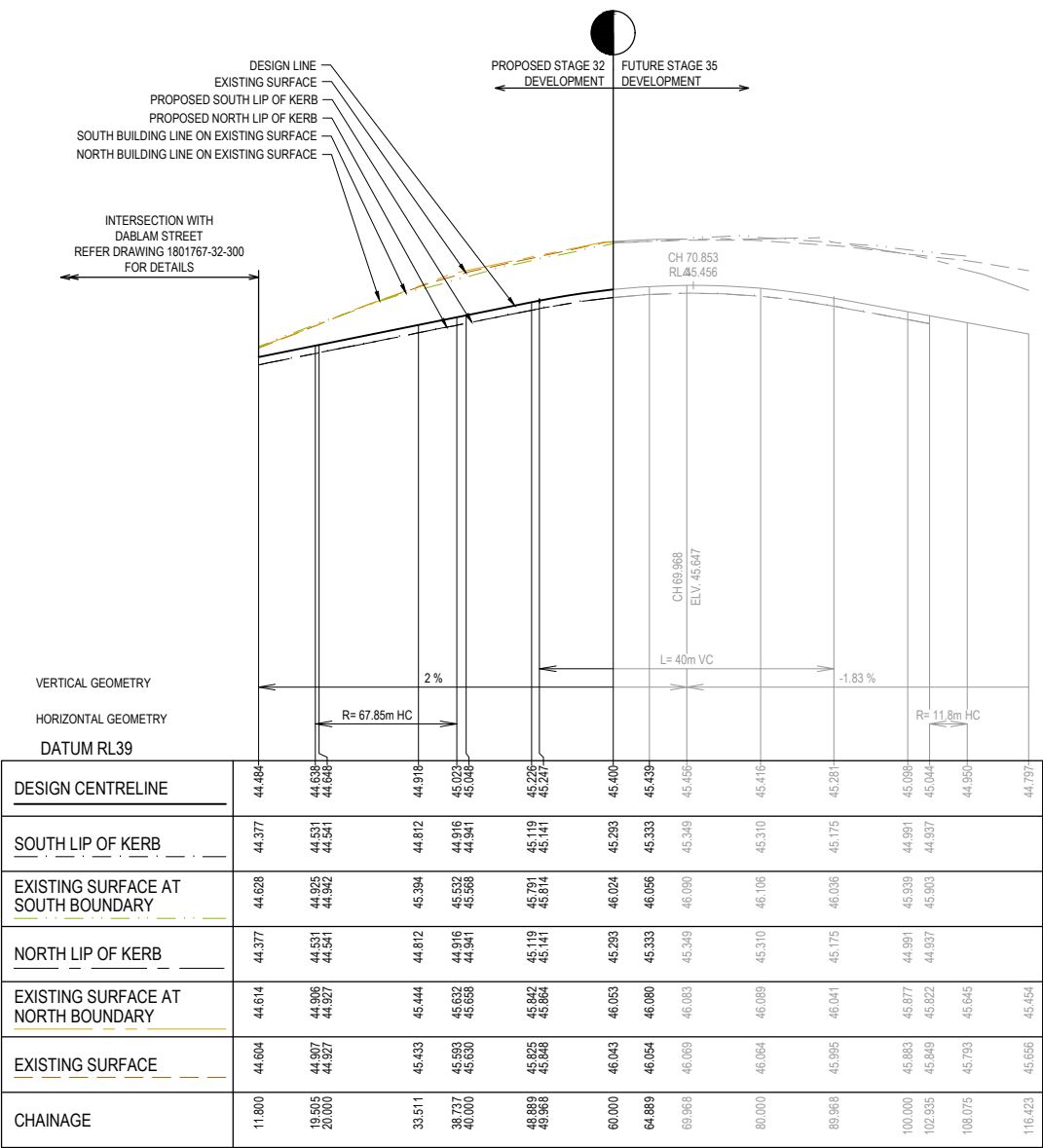
Project Ref	Stage No	Drawing No	Rev
1801767	32	101	B



LEGEND	
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	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT SOUTH BOUNDARY
	SOUTH LIP OF KERB
	EXISTING SURFACE AT NORTH BOUNDARY
	NORTH LIP OF KERB



PORTOBELLO BOULEVARD - ROAD LONGITUDINAL SECTION

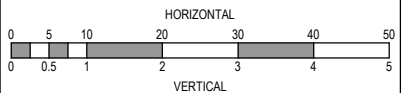


RATHI STREET - ROAD LONGITUDINAL SECTION

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A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



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PS Number	PS848733A



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Project Details	MERIDIAN CENTRAL ESTATE STAGE 32 CITY OF CASEY
Drawing Title	ROAD LONGITUDINAL SECTIONS RATHI STREET AND PORTOBELLO BOULEVARD

Sheet 11 of 22

Scale  
1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
1801767	32	102	A

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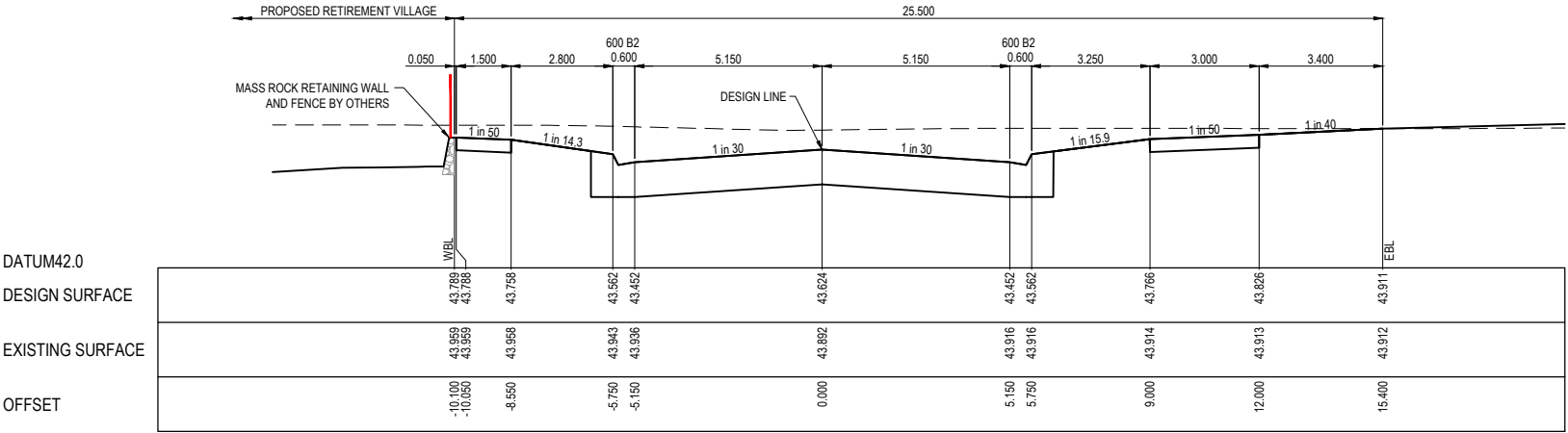
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AND FOOTPATHS WHERE CONSTRUCTED ABOVE  
NATURAL SURFACE. REFER GEOTECH REPORT  
FOR SPECIFICATION

LEGEND

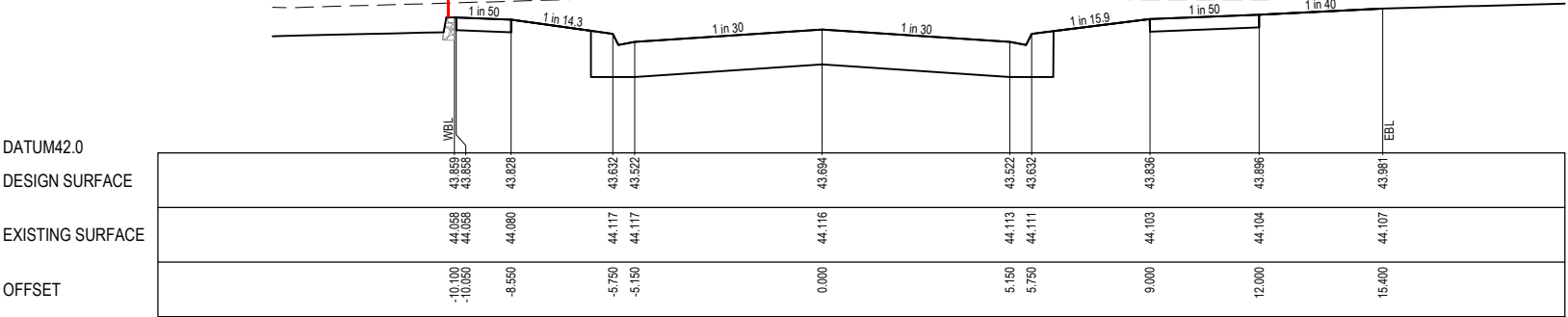
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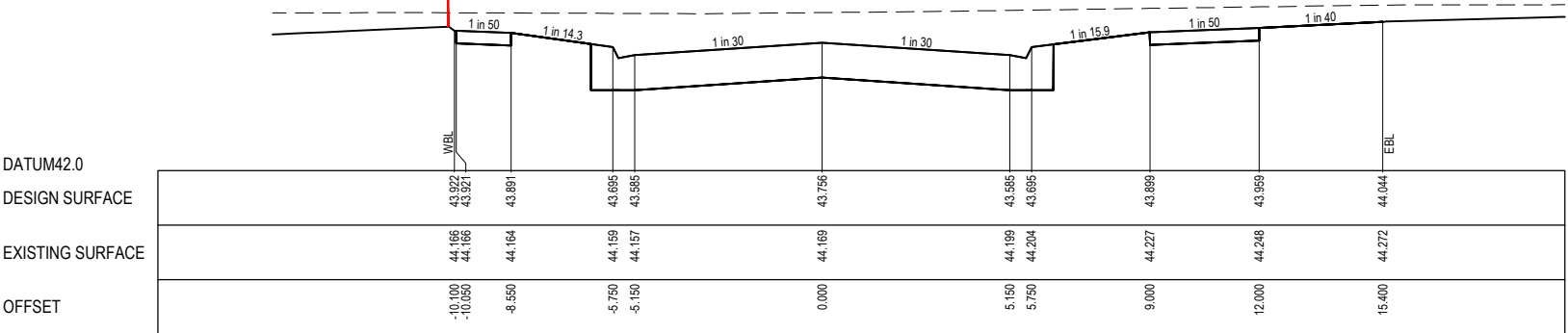
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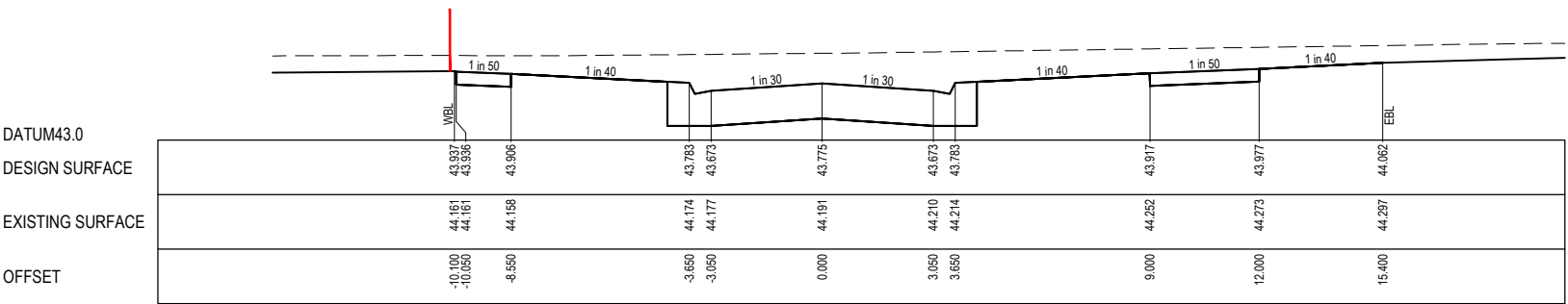
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CH 367.469



TPCH 354.929

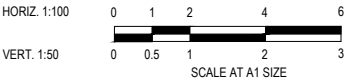


TPCH 351.172

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B	FENCE ADDED	28.02.22	M.F.	M.F.					
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



Designed  
Date

E. BARCHAM  
05.08.2021

Drawn

N. TABUENA

Approved  
Date

M. FELICIANO  
05.08.2021

PS Number

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Project  
Details

MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY

Drawing  
Title

ROAD CROSS SECTIONS  
BURLINA BOULEVARD  
(SHEET 1 OF 3)

Sheet 12 of 22

Scale

1:100 H 1:50 V @ A1

Project Ref

1801767

Stage No

32

Drawing No

200


Rev

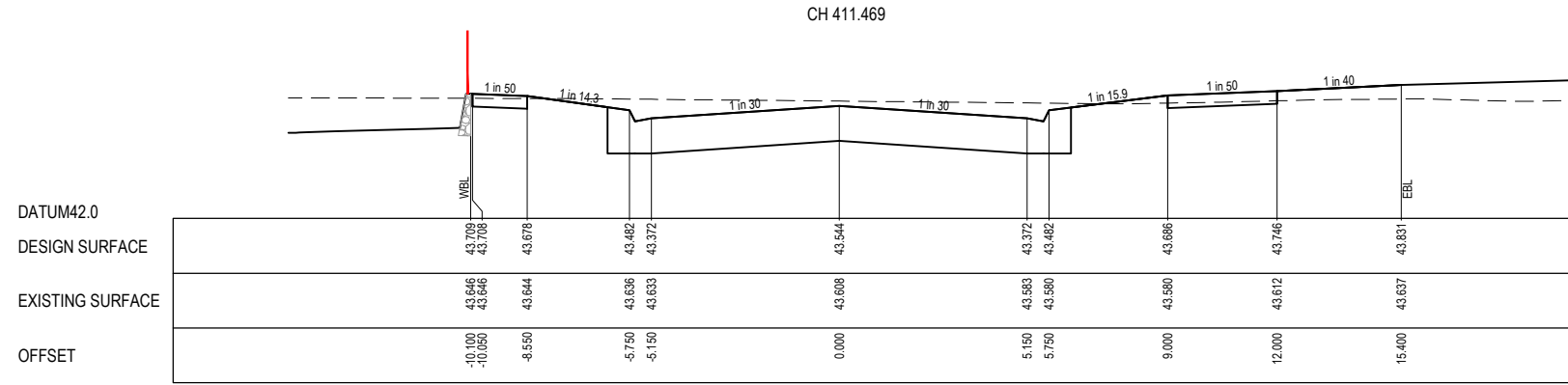
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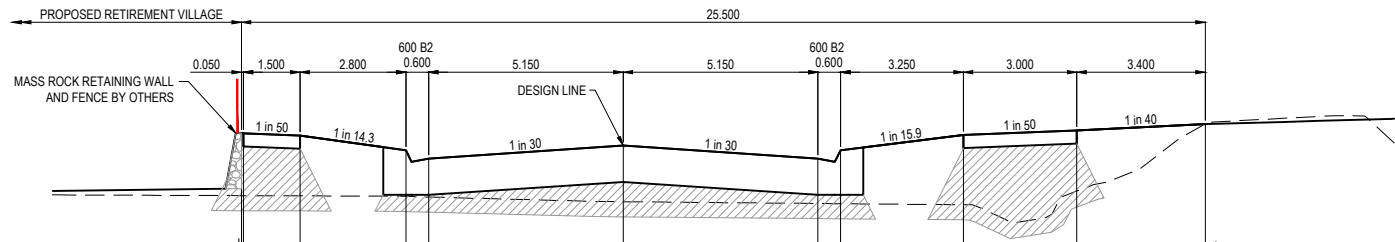


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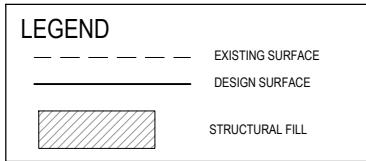
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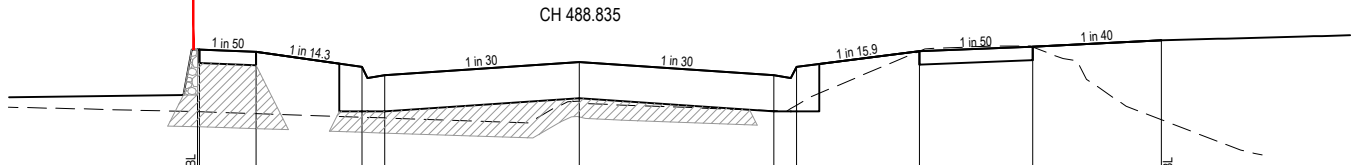
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1801767	32	201	B



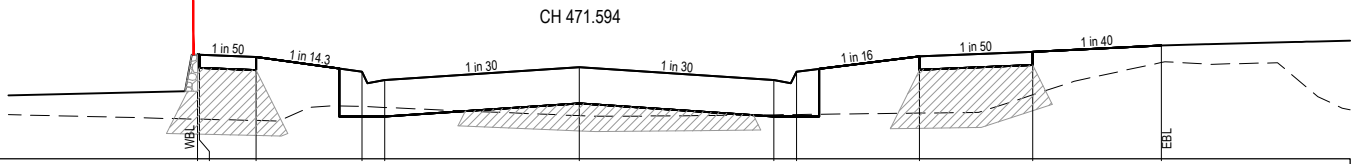
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



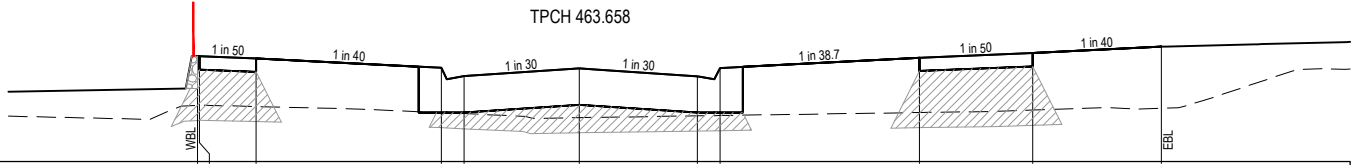
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DESIGN SURFACE	43.252 43.251 43.221 43.025 42.915 43.087 42.915 43.025 43.229 43.289 43.374
EXISTING SURFACE	42.426 42.426 42.423 42.416 42.408 42.345 42.322 42.320 42.305 42.487 43.374
OFFSET	-10.100 -10.050 -8.550 -5.750 -5.150 0.000 5.150 5.750 9.000 12.000 15.400



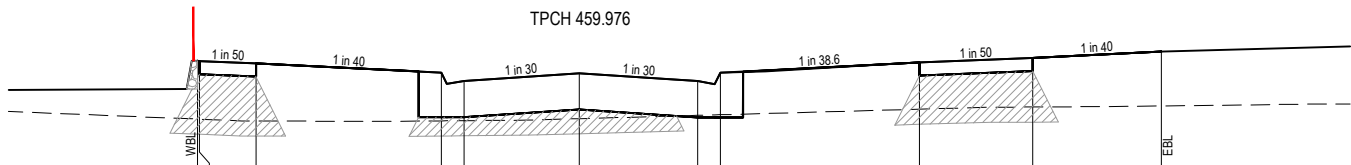
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EXISTING SURFACE	42.519 42.518 42.493 42.445 42.435 42.656 42.531 42.602 43.318 43.373 42.411
OFFSET	-10.100 -10.050 -8.550 -5.750 -5.150 0.000 5.150 5.750 9.000 12.000 15.400



DATUM42.0	
DESIGN SURFACE	43.378 43.377 43.347 43.151 43.041 43.213 43.041 43.151 43.355 43.415 43.500
EXISTING SURFACE	42.526 42.525 42.508 42.593 42.679 42.571 42.582 42.586 42.605 42.847 43.274
OFFSET	-10.100 -10.050 -8.550 -5.750 -5.150 0.000 5.146 5.746 9.000 12.000 15.400



DATUM42.0	
DESIGN SURFACE	43.383 43.382 43.362 43.239 43.129 43.231 43.127 43.237 43.373 43.433 43.518
EXISTING SURFACE	42.744 42.745 42.727 42.647 42.633 42.580 42.604 42.608 42.648 42.680 42.703
OFFSET	-10.100 -10.050 -8.550 -3.650 -3.050 0.000 3.126 3.726 9.000 12.000 15.400



DATUM42.0	
DESIGN SURFACE	43.453 43.452 43.422 43.300 43.190 43.291 43.187 43.297 43.433 43.493 43.578
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TPCH 447.961

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CONSTRUCTION

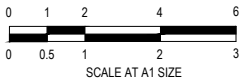
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B	FENCE ADDED	28.02.22	M.F.	M.F.					
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



HORIZ. 1:100

VERT. 1:50



Designed  
Date  
E. BARCHAM  
05.08.2021

Drawn  
N. TABUENA

Approved  
Date  
M. FELICIANO  
05.08.2021

PS Number  
PS848733A



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Project  
Details  
MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY

Drawing  
Title  
ROAD CROSS SECTIONS  
BURLINA BOULEVARD  
(SHEET 3 OF 3)

Sheet 14 of 22

Scale  
1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
1801767	32	202	B

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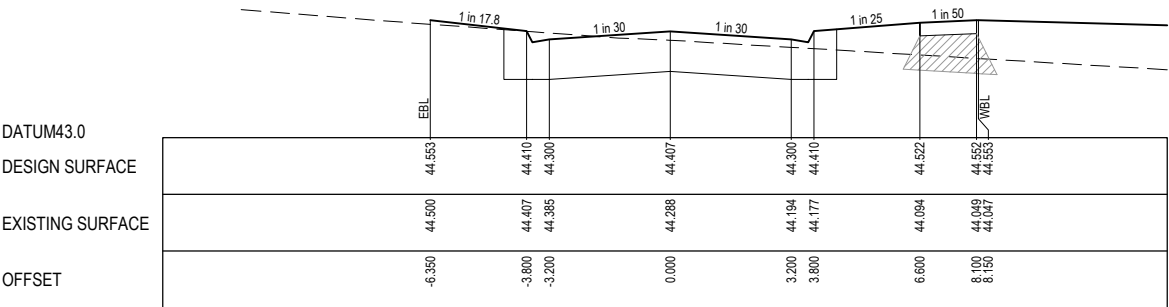
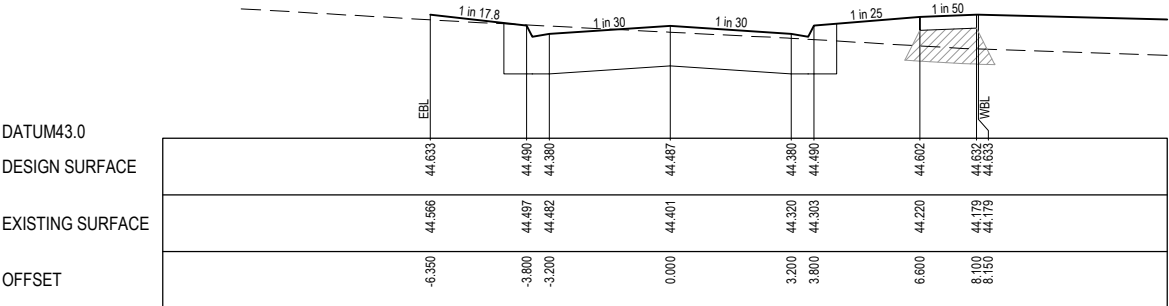
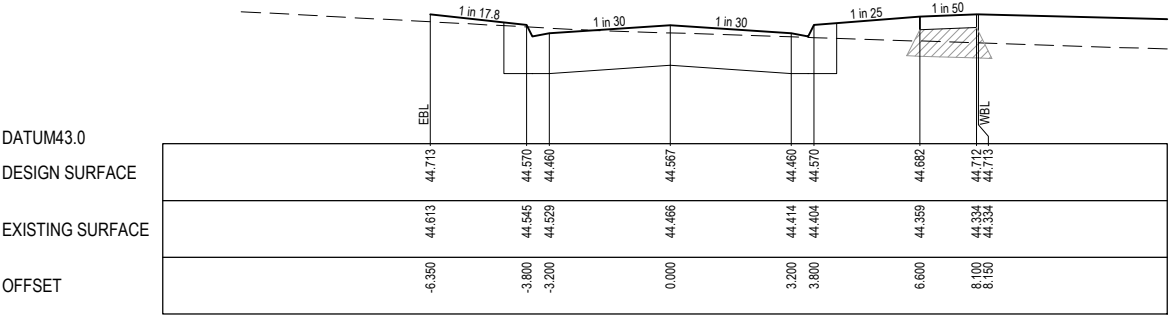
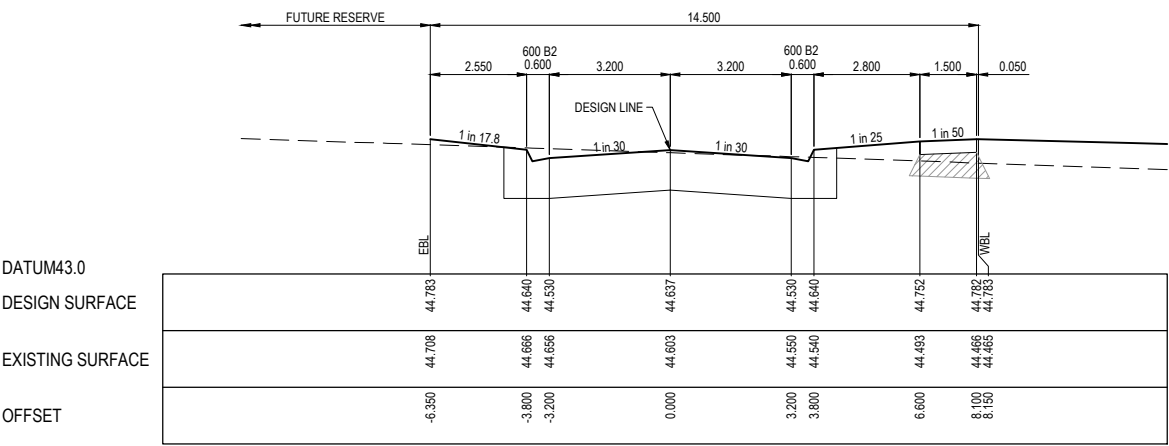
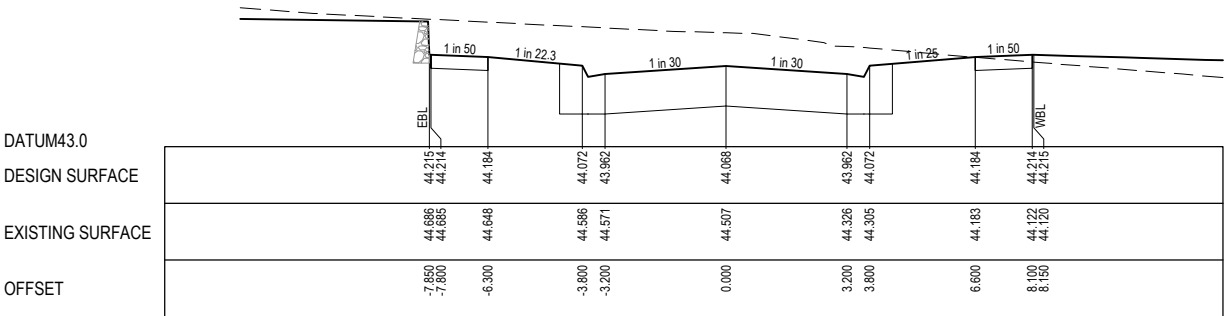
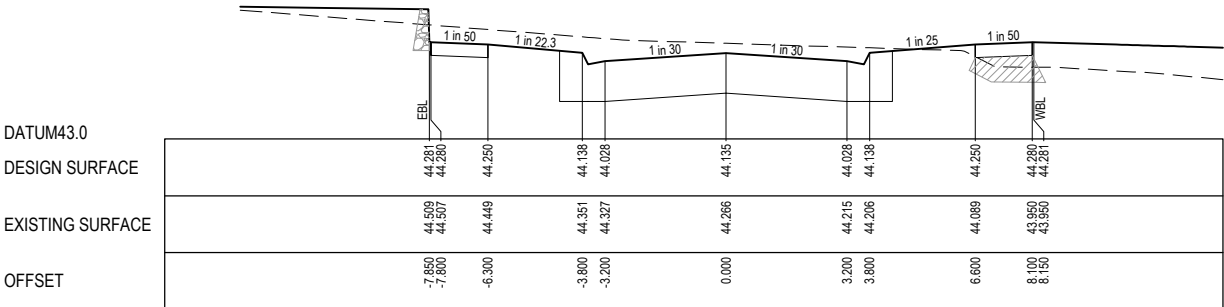
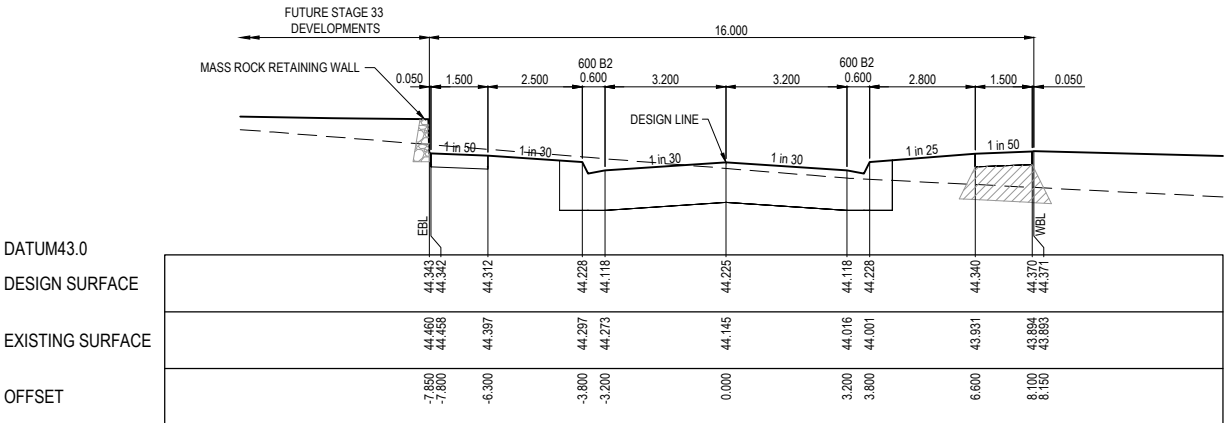
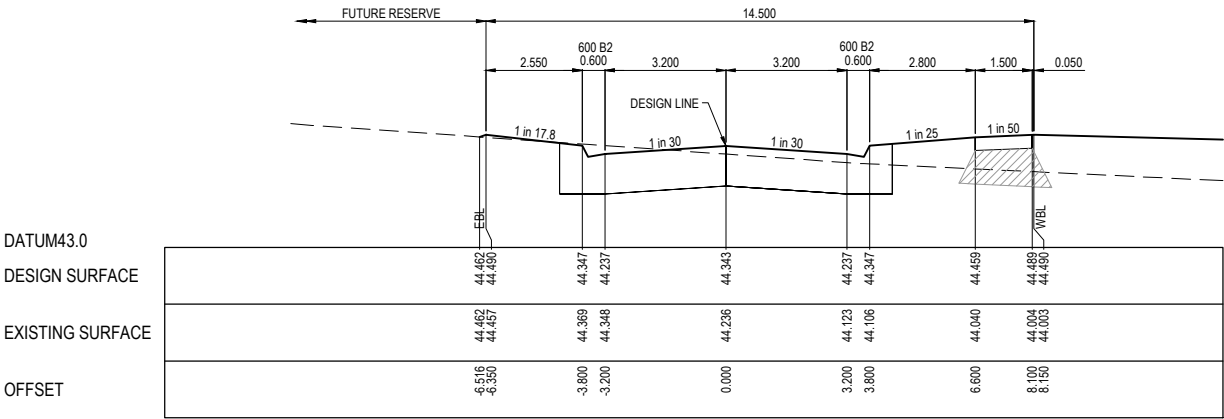
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND

EXISTING SURFACE

DESIGN SURFACE

STRUCTURAL FILL



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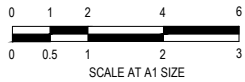
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



HORIZ 1:100

VERT. 1:50



Designed Date	E. BARCHAM 05.08.2021
Drawn	N. TABUENA
Approved Date	M. FELICIANO 05.08.2021
PS Number	PS848733A



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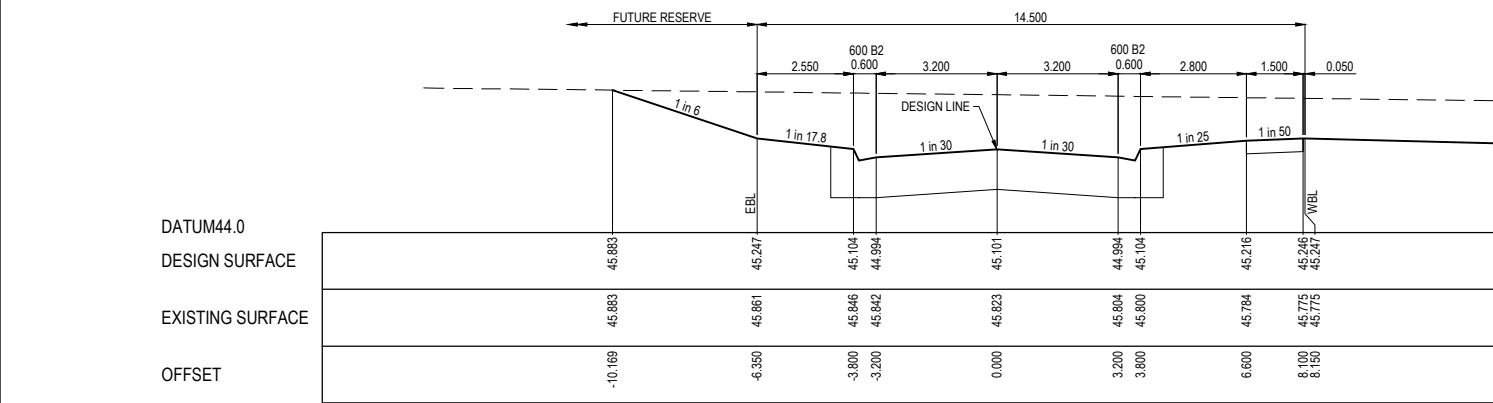
Project Details	MERIDIAN CENTRAL ESTATE STAGE 32 CITY OF CASEY
Drawing Title	ROAD CROSS SECTIONS DABLAM STREET (SHEET 1 OF 2)

Sheet 15 of 22

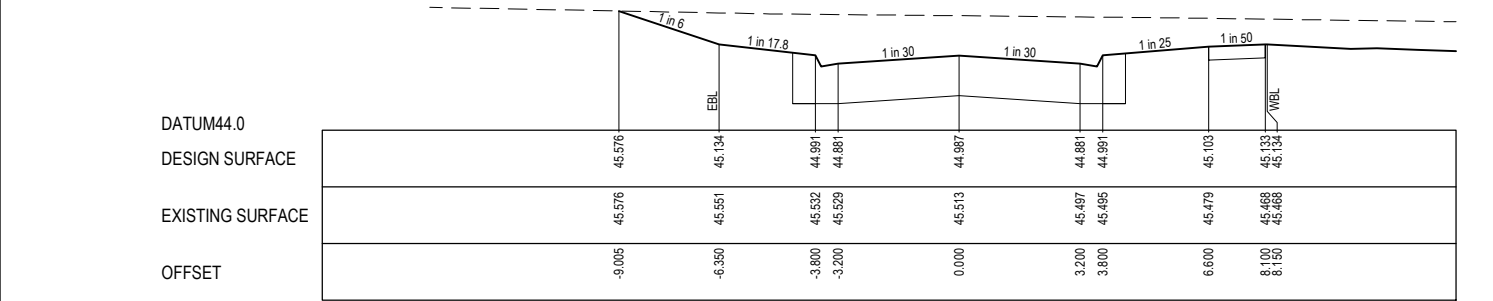
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Project Ref	Stage No	Drawing No	Rev
1801767	32	203	A

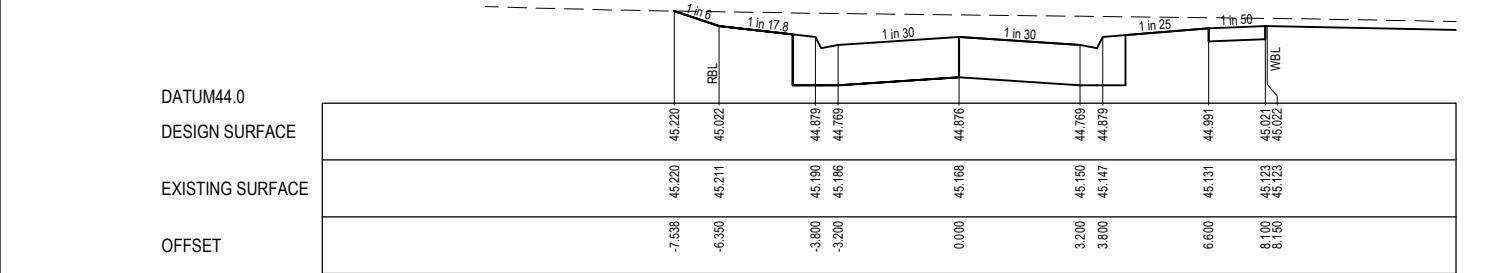
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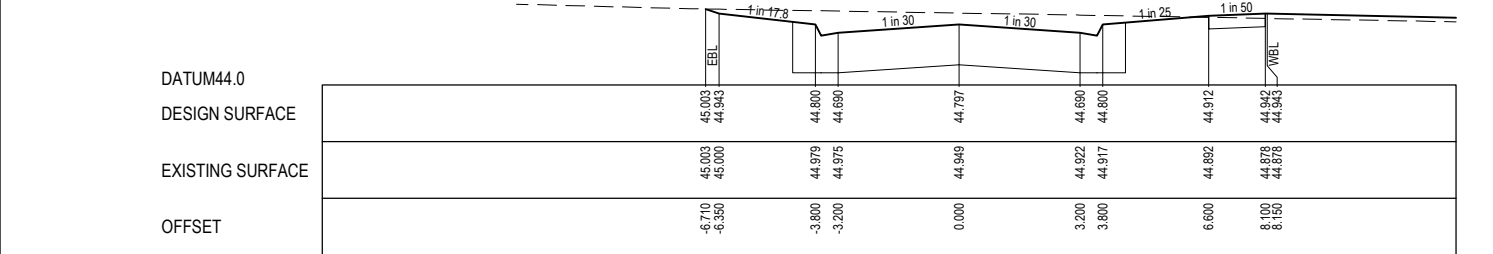
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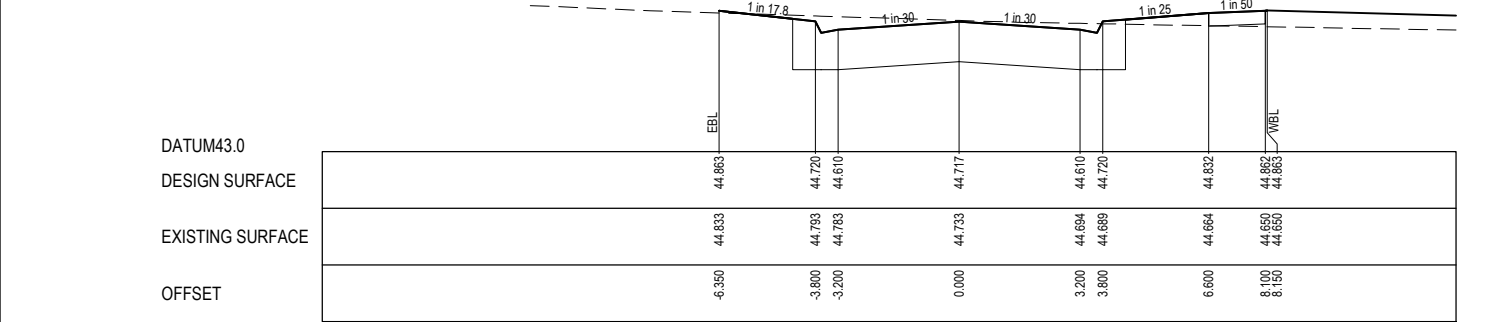
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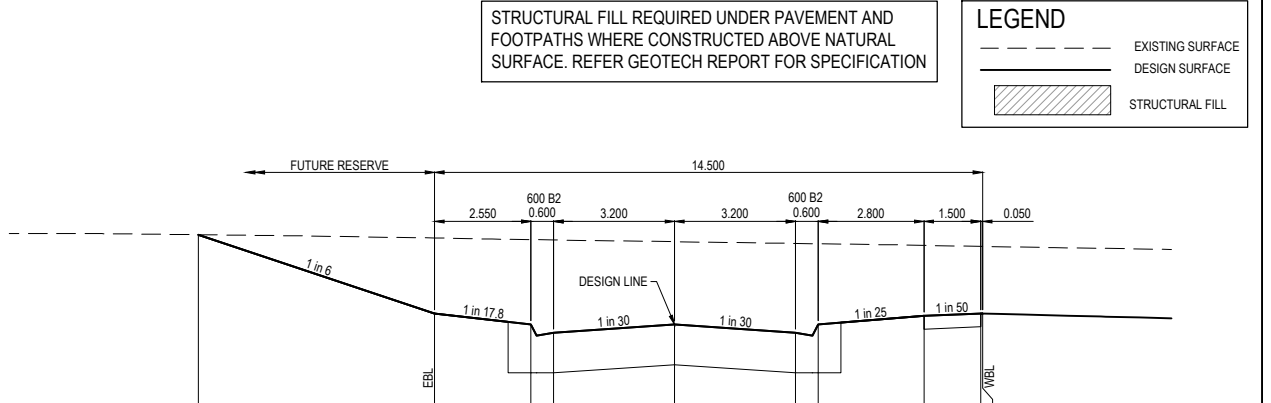
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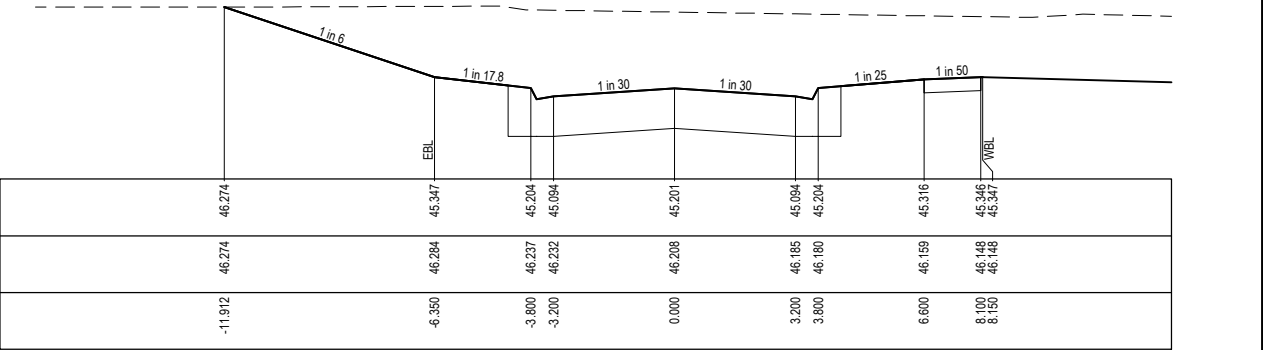
CH 279.928



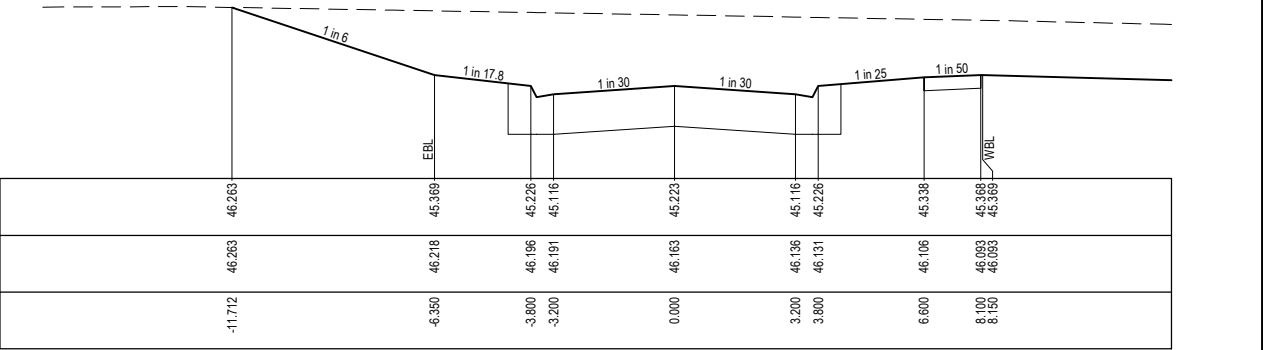
CH 263.928



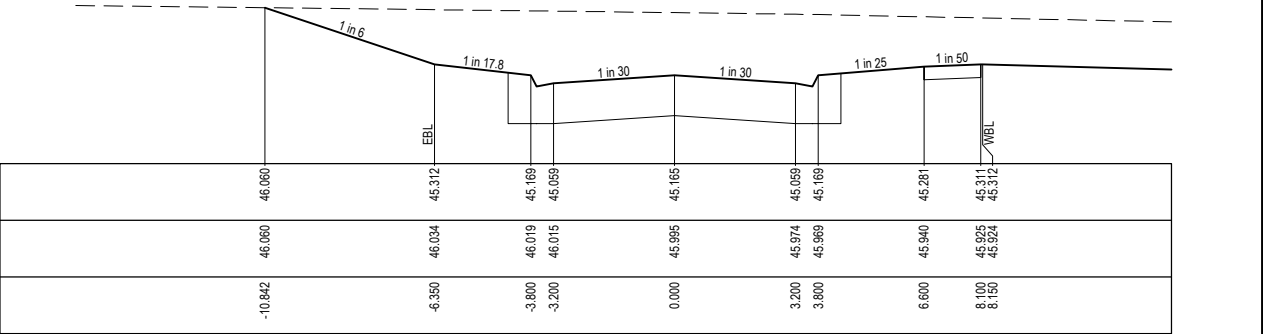
CH 407.123



CH 384.558



CH 370.154



CH 353.686

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

LEGEND

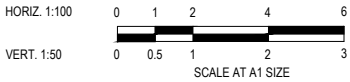
--- EXISTING SURFACE

--- DESIGN SURFACE

STRUCTURAL FILL

ISSUED FOR CONSTRUCTION

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B	CROSS SECTIONS UPDATED	28.03.22	M.F	M.F					
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F	M.F					
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.



Designed	E. BARCHAM
Date	05.08.2021
Drawn	N. TABUENA
Approved	M. FELICIANO
Date	05.08.2021
PS Number	PS848733A



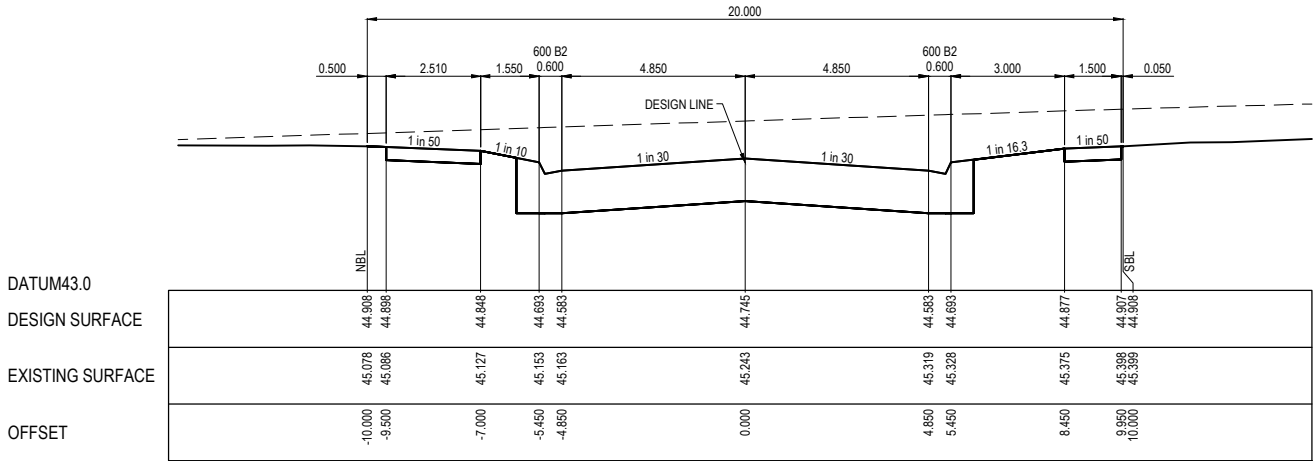
Project Details	MERIDIAN CENTRAL ESTATE STAGE 32 CITY OF CASEY
Drawing Title	ROAD CROSS SECTIONS DABLAM STREET (SHEET 2 OF 2)

Sheet 16 of 22	
Scale 1:100 H 1:50 V @ A1	
Project Ref	1801767
Stage No	32
Drawing No	204
Rev	B

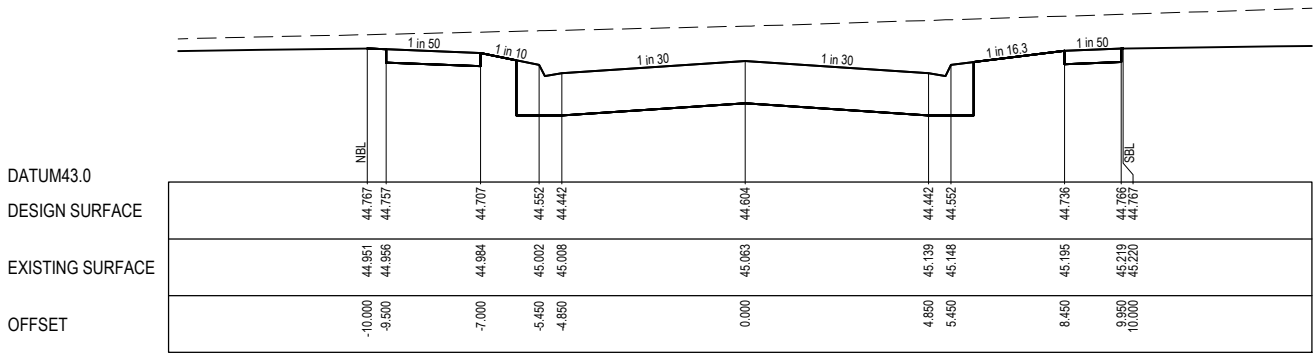
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND

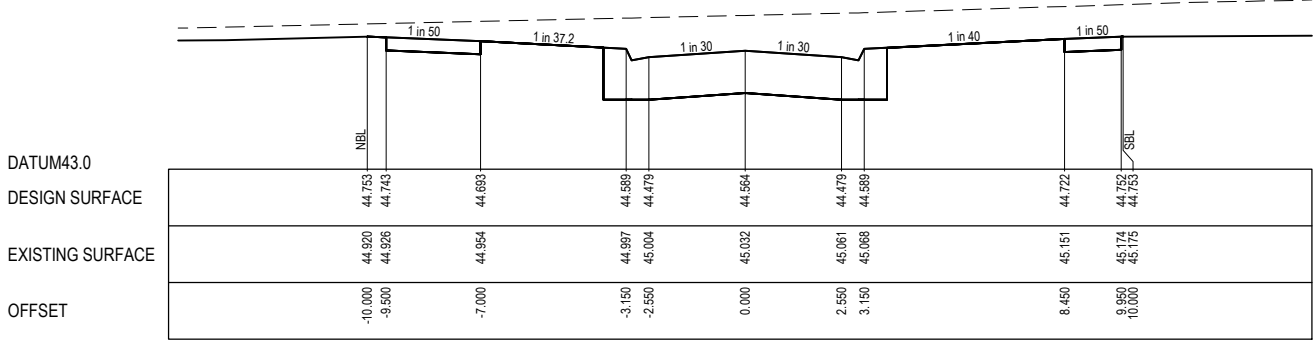
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DESIGN SURFACE

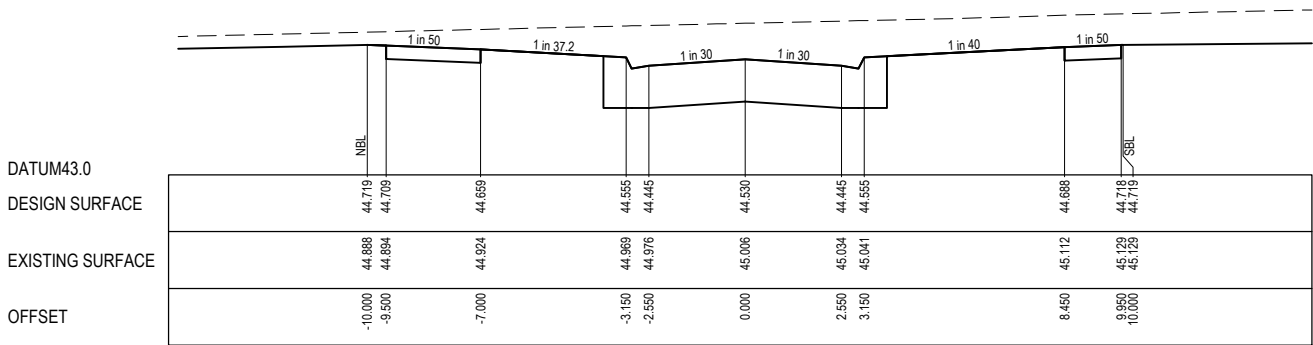
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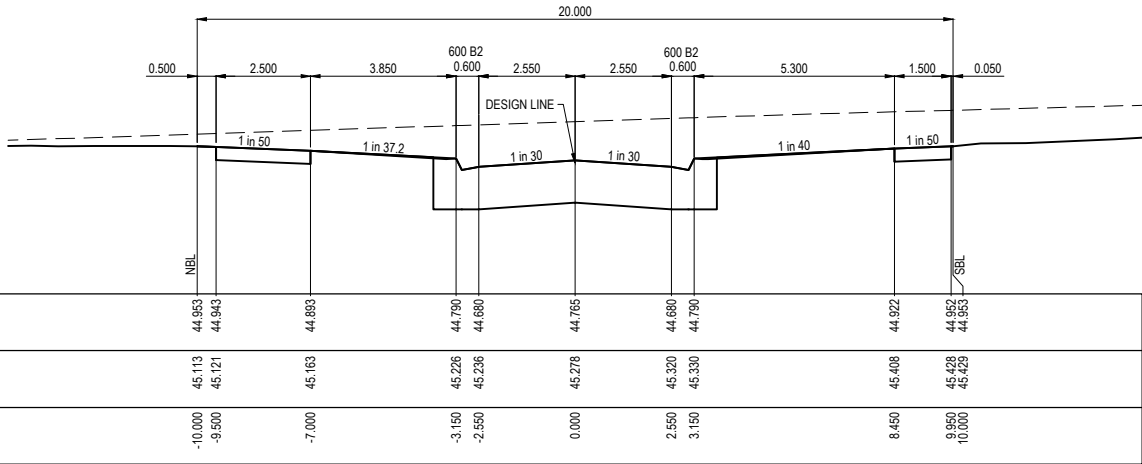
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TPCH 856.062



CH 852.638



TPCH 881.110

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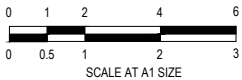
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



HORIZ 1:100

VERT. 1:50



Designed  
Date  
E. BARCHAM  
05.08.2021

Drawn  
N. TABUENA

Approved  
Date  
M. FELICIANO  
05.08.2021

PS Number  
PS848733A



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Project  
Details  
MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY

Drawing  
Title  
ROAD CROSS SECTIONS  
PORTOBELLO BOULEVARD

Sheet 17 of 22

Scale  
1:100 H 1:50 V @ A1

Project Ref  
1801767

Stage No  
32

Rev  
205

A

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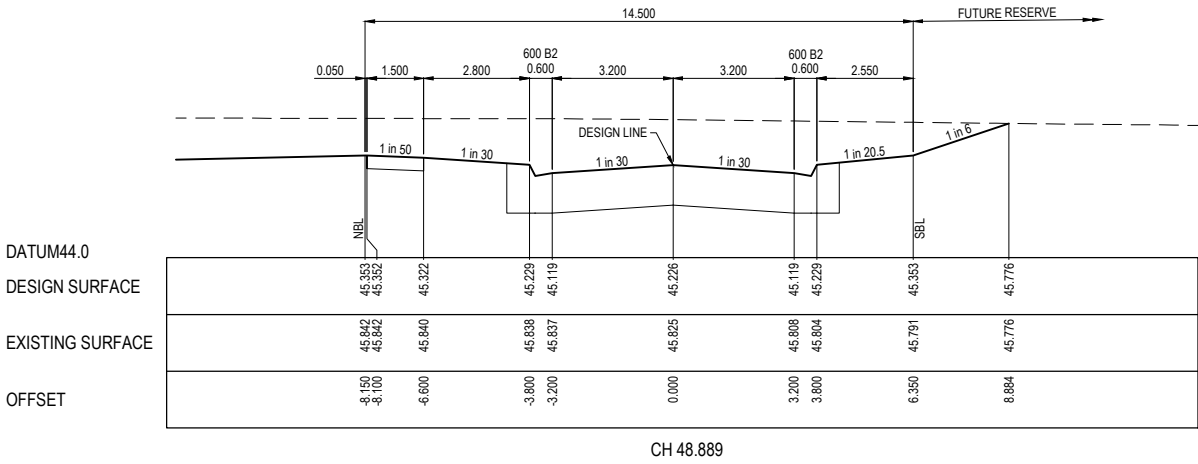
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

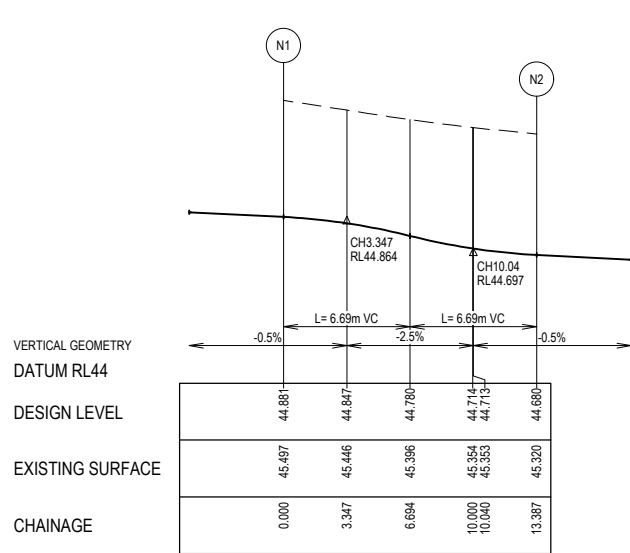
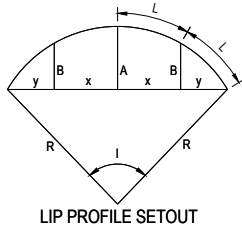
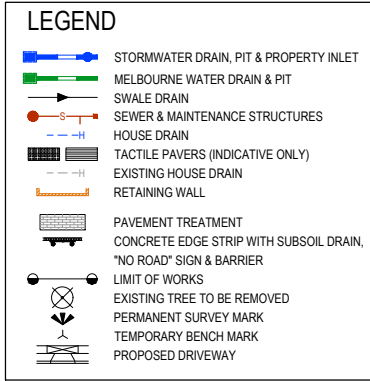
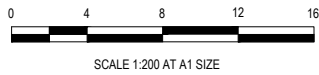
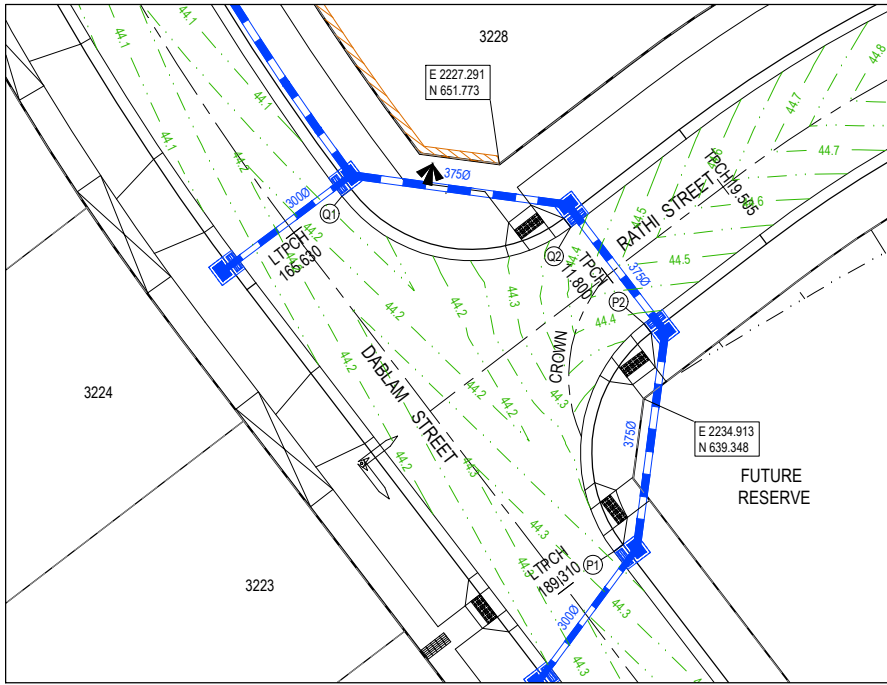
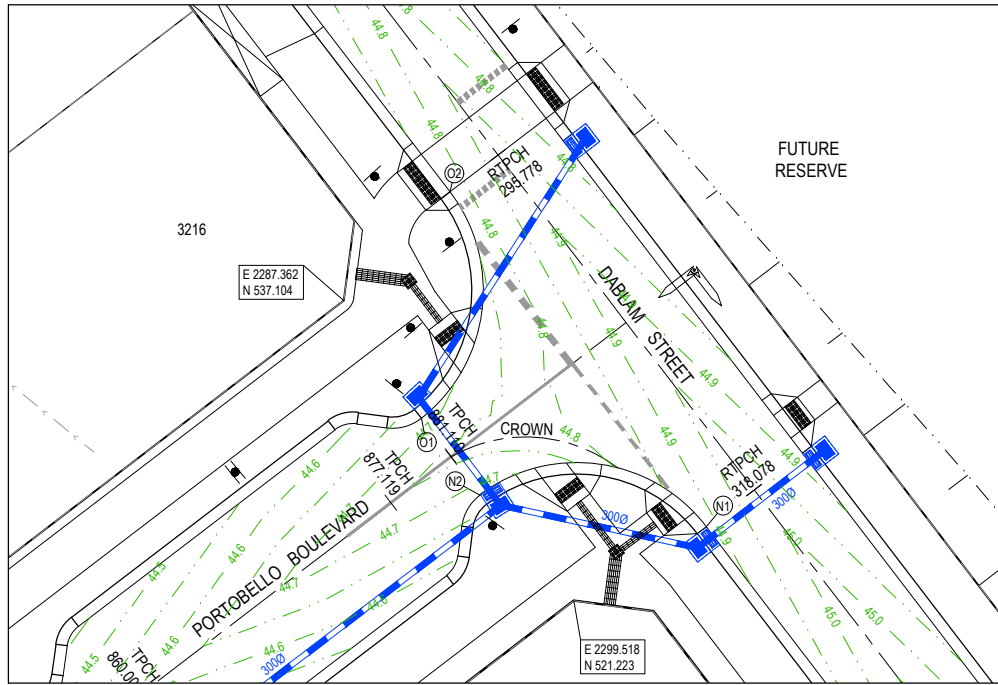
LEGEND

EXISTING SURFACE

DESIGN SURFACE

STRUCTURAL FILL

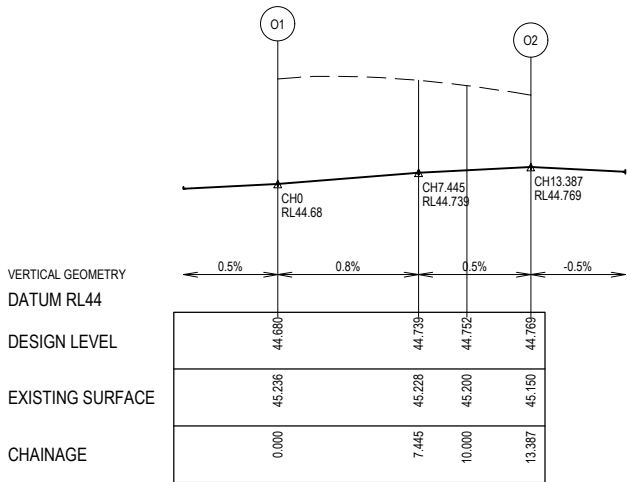




**ALIGNMENT N**

Point no	Easting	Northing	RL
N1	2306.530	525.142	44.881
N2	2294.571	526.817	44.680

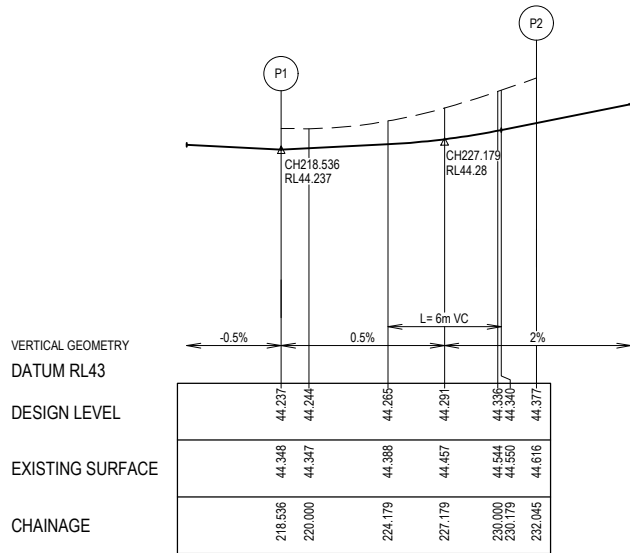
Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
N1 - N2	89.189	8.600	13.387	2.476	1.833	3.263	2.775	3.347	44.780



**ALIGNMENT O**

Point no	Easting	Northing	RL
O1	2291.470	530.868	44.680
O2	2292.975	542.849	44.769

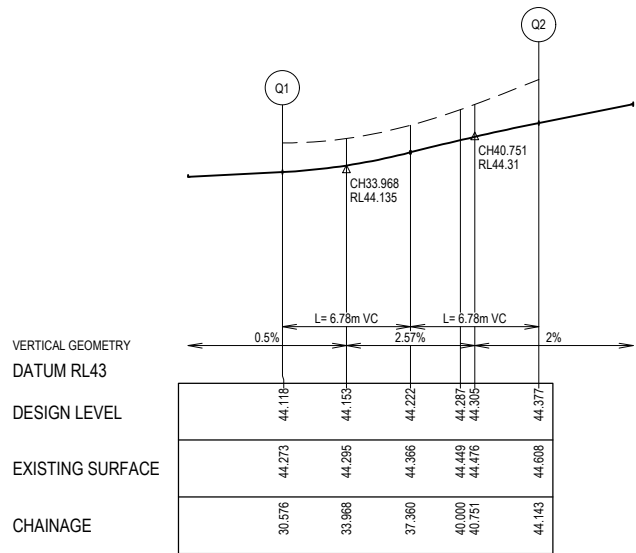
Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
O1 - O2	89.189	8.600	13.387	2.476	1.833	3.263	2.775	3.347	44.733



**ALIGNMENT P**

Point no	Easting	Northing	RL
P1	2233.343	631.282	44.237
P2	2234.944	643.338	44.377

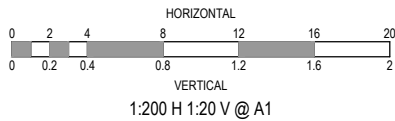
Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
P1 - P2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	44.272



**ALIGNMENT Q**

Point no	Easting	Northing	RL
Q1	2218.965	650.070	44.118
Q2	2231.056	648.422	44.377

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
Q1 - Q2	90.388	8.600	13.567	2.539	1.879	3.305	2.797	3.392	44.222



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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
B	PRIORITY CROSSING UPDATED	28.03.22	M.F.	M.F.					
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



Designed  
Date  
E. BARCHAM  
05.08.2021  
Drawn  
N. TABUENA  
Approved  
Date  
M. FELICIANO  
05.08.2021  
PS Number  
PS848733A



Beveridge Williams

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Project  
Details  
MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY  
Drawing  
Title  
INTERSECTION DETAILS

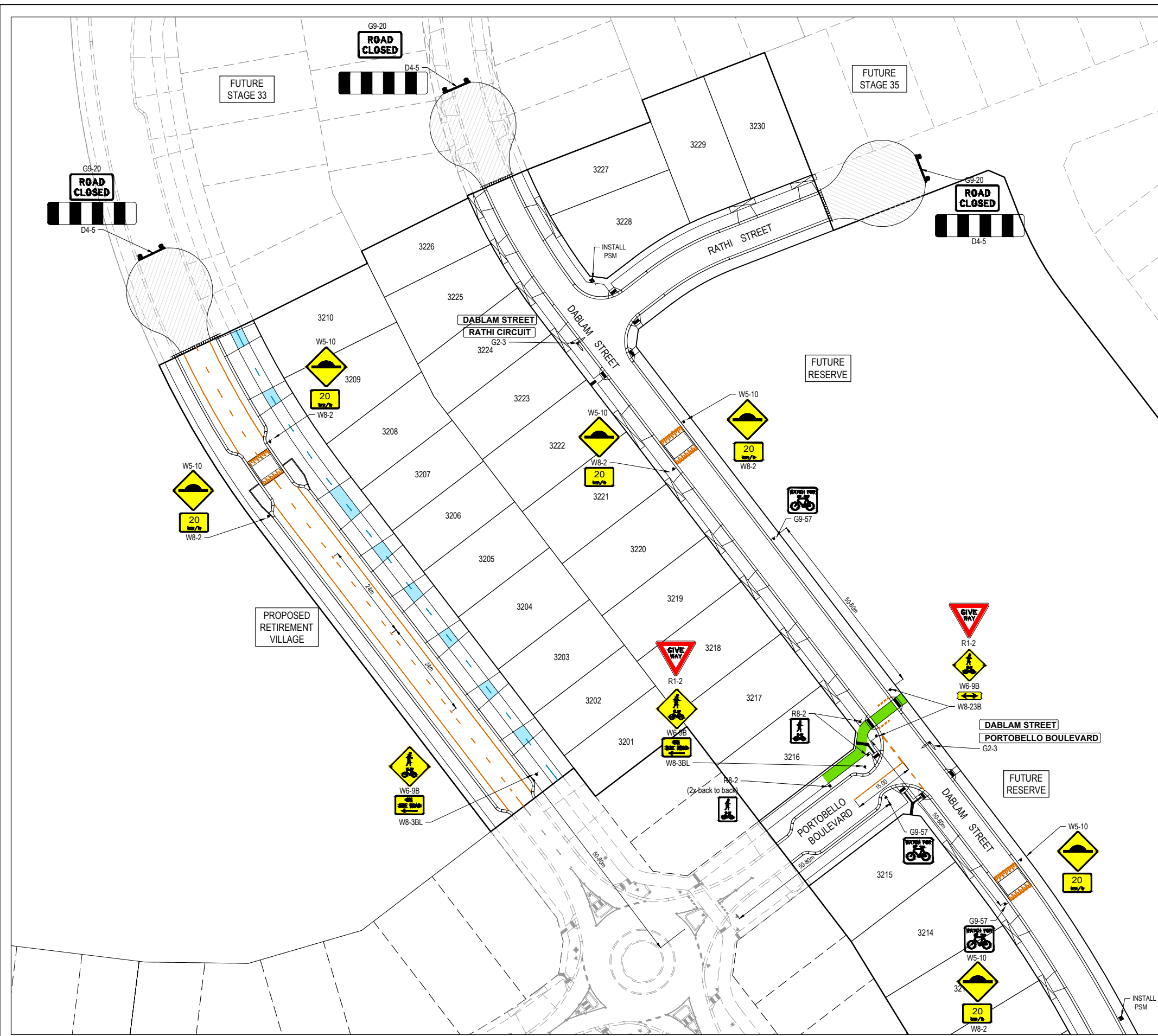
Sheet 19 of 22

Scale  
AS SHOWN

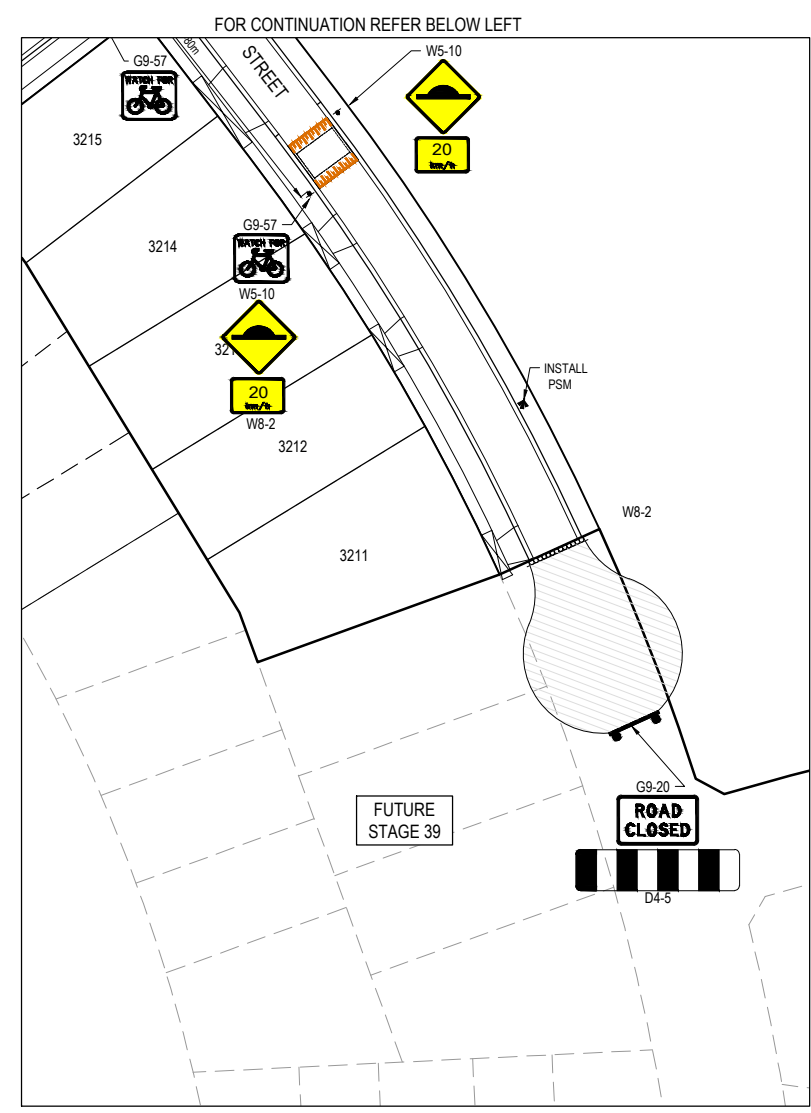
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1801767	32	300	B



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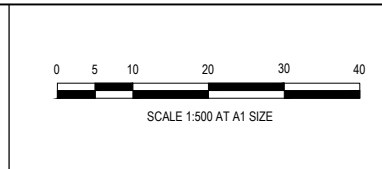


- NOTES
1. RRPM'S AT MAX 6m SPACING.
  2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
  3. LINEMARKING IN ACCORDANCE WITH AS1742.
  4. TGS1 TO BE INSTALLED IN ACCORDANCE WITH VICROADS RDN 06-06 - JULY 2010
  5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
  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.



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B	PRIORITY CROSSING & SPEED HUMP UPDATED	28.03.22	M.F	M.F					
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F	M.F					



Designed Date: 05.08.2021  
Drawn: N. TABUENA  
Approved Date: 05.08.2021  
PS Number: PS848733A

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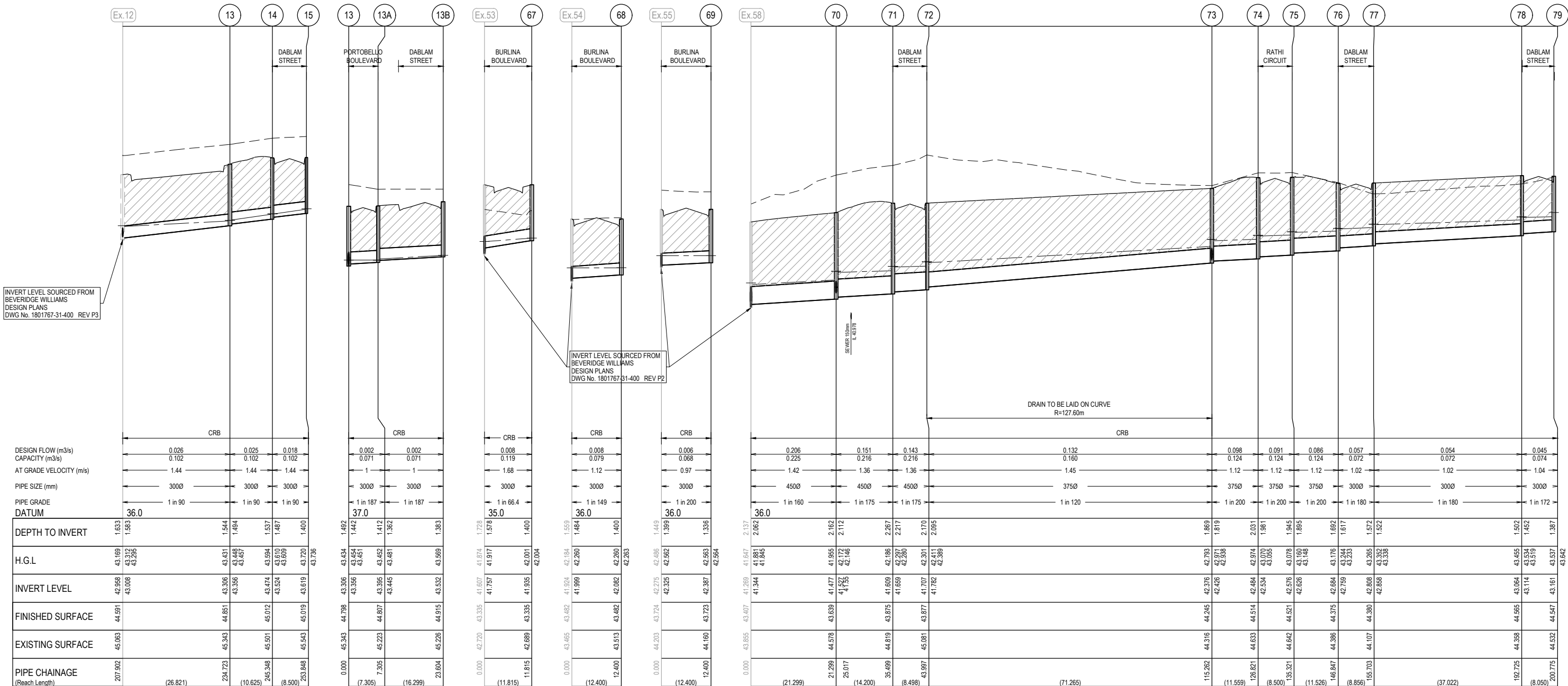
Project Details  
MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY  
Drawing Title  
SIGNAGE & LINE MARKING PLANS

Sheet 20 of 22			
Scale	1:500 @ A1		
Project Ref	Stage No	Drawing No	Rev
1801767	32	350	B



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

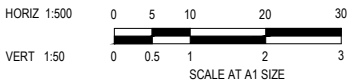
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	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



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Designed  
Date  
E. BARCHAM  
05.08.2021

Drawn  
N. TABUENA

Approved  
Date  
M. FELICIANO  
05.08.2021

PS Number  
PS848733A



Project Details  
MERIDIAN CENTRAL ESTATE  
STAGE 32  
CITY OF CASEY

Drawing Title  
DRAINAGE LONGITUDINAL SECTIONS  
(SHEET 1 OF 2)

Sheet 21 of 22

Scale  
1:500 H 1:50 V @ A1

Project Ref  
1801767

Stage No  
32

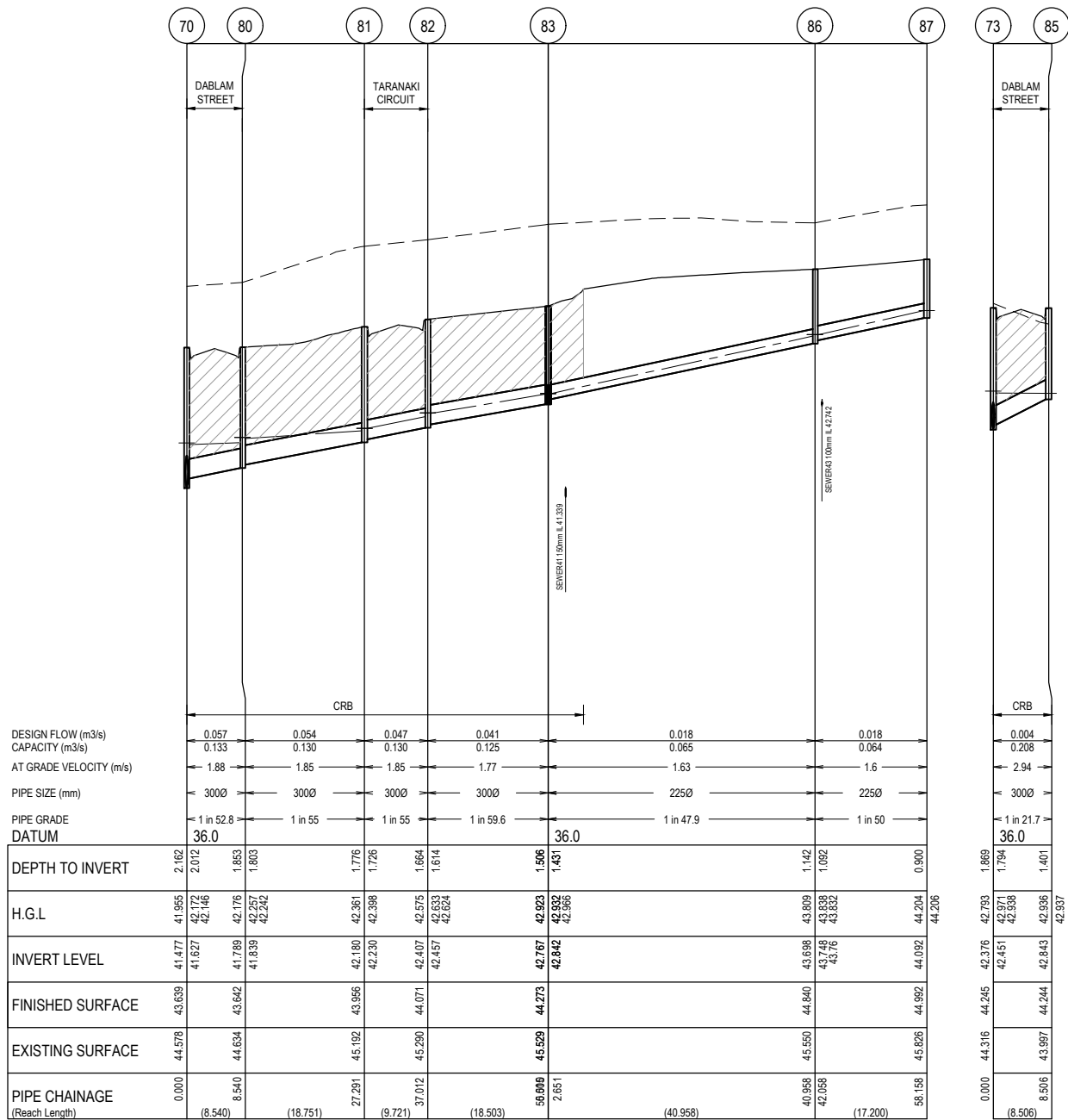
Drawing No  
400

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.

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

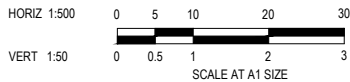


PIT SCHEDULE											
PIT NUMBER	TYPE	INTERNAL		INLET		OUTLET		F.S.L.	DEPTH	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIAMETER (mm)	INV R.L. (m)	DIAMETER (mm)	INV R.L. (m)				
EX.12	Ex. JUNCTION PIT	600	900	300	43.008			44.591	1.583		CONNECT PROPOSED DRAIN TO PIT BLOCKOUT
13	GRATED ENTRY PIT	600	900	300	43.356	300	43.306	44.851	1.545	EDCM 601	
13A	JUNCTION PIT	600	900	300	43.445	300	43.395	44.807	1.412	EDCM 605	
13B	GRATED ENTRY PIT	600	900			300	43.532	44.915	1.383	EDCM 601	
14	GRATED ENTRY PIT	600	900	300	43.524	300	43.474	45.012	1.538	EDCM 601	
15	GRATED ENTRY PIT	600	900			300	43.619	45.019	1.400	EDCM 601	
EX.53	GRATED PIT	750	900	300	41.757			43.335	1.578	EDCM 605	CONVERT EXISTING JP TO GRATED PIT AND CONNECT DRAINAGE. INSTALL 600x900 ECO-WEAVED FLAT GRATE OR APPROVED EQUIVALENT FOR RAINGARDEN
67	GRATED PIT	600	900			300	41.935	43.335	1.4	EDCM 605	INSTALL 600x900 ECO-WEAVED FLAT GRATE APPROVED EQUIVALENT FOR RAINGARDEN
EX.54	GRATED ENTRY PIT	600	900	300	41.999			43.482	1.484	EDCM 601	CONVERT EXISTING JUNCTION PIT TO GRATED ENTRY PIT AND CONNECT DRAINAGE
68	GRATED ENTRY PIT	600	900			300	42.082	43.482	1.4	EDCM 601	
EX.55	GRATED ENTRY PIT	600	900	300	42.325			43.724	1.399	EDCM 601	CONVERT EXISTING JUNCTION PIT TO GRATED ENTRY PIT AND CONNECT DRAINAGE
69	GRATED ENTRY PIT	600	900			300	42.387	43.723	1.336	EDCM 601	
EX.58	EX. JUNCTION PIT	750	900	450	41.344			43.407	2.062		CONNECT PROPOSED DRAIN TO PIT BLOCKOUT
70	JUNCTION PIT	750	1050	450	41.527	450	41.477	43.639	2.162	EDCM 605	HAUNCH PIT COVER TO 600 x 900 TO BE CONVERTED INTO GRATED ENTRY PIT IN STAGE 33
				300	41.627						
71	JUNCTION PIT	600	900	450	41.659	450	41.609	43.875	2.267	EDCM 605	TO BE CONVERTED INTO GRATED ENTRY PIT IN STAGE 33
72	JUNCTION PIT	600	900	375	41.782	450	41.707	43.877	2.17	EDCM 605	TO BE CONVERTED INTO GRATED ENTRY PIT IN STAGE 33
73	GRATED ENTRY PIT	600	900	375	42.426	375	42.376	44.245	1.869	EDCM 601	
				300	42.451						
74	GRATED ENTRY PIT	600	900	375	42.534	375	42.484	44.514	2.031	EDCM 601	
75	GRATED ENTRY PIT	600	900	375	42.626	375	42.576	44.521	1.945	EDCM 601	
76	GRATED ENTRY PIT	600	900	300	42.759	375	42.684	44.375	1.692	EDCM 601	
77	GRATED ENTRY PIT	600	900	300	42.858	300	42.808	44.38	1.572	EDCM 601	
78	GRATED ENTRY PIT	600	900	300	43.114	300	43.064	44.565	1.502	EDCM 601	
79	GRATED ENTRY PIT	600	900			300	43.161	44.547	1.387	EDCM 601	
80	JUNCTION PIT	600	900	300	41.839	300	41.789	43.642	1.853	EDCM 605	TO BE CONVERTED INTO GRATED ENTRY PIT IN STAGE 33
81	JUNCTION PIT	600	900	300	42.23	300	42.18	43.956	1.776	EDCM 605	TO BE CONVERTED INTO GRATED ENTRY PIT IN STAGE 33
82	JUNCTION PIT	600	900	300	42.457	300	42.407	44.071	1.664	EDCM 605	TO BE CONVERTED INTO GRATED ENTRY PIT IN STAGE 33
83	JUNCTION PIT	600	900			300	42.767	44.273	1.506	EDCM 605	PROVIDE BLOCKOUT IN EAST WALL FOR FUTURE 225 DIA. DRAIN IL43.07
				225	42.842						
85	GRATED ENTRY PIT	600	900			300	42.843	44.244	1.401	EDCM 601	
86	JUNCTION PIT	600	900	225	43.748	225	43.698	44.840	1.142	EDCM 605	
87	JUNCTION PIT	600	900			225	44.092	44.992	0.900	EDCM 605	

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	24.02.22	M.F.	M.F.					



Designed Date	E. BARCHAM 05.08.2021
Drawn	N. TABUENA
Approved Date	M. FELICIANO 05.08.2021
PS Number	PS848733A



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Malvern VIC 3144  
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Project Details	MERIDIAN CENTRAL ESTATE STAGE 32 CITY OF CASEY
Drawing Title	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 2) AND PIT SCHEDULE

Sheet 22 of 22	Scale 1:500 H 1:50 V @ A1
Project Ref 1801767	Stage No 32
Drawing No 401	Rev A

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