

MERIDIAN CENTRAL ESTATE - STAGE 28

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 72514/203) 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 contaminates 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 banded 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.

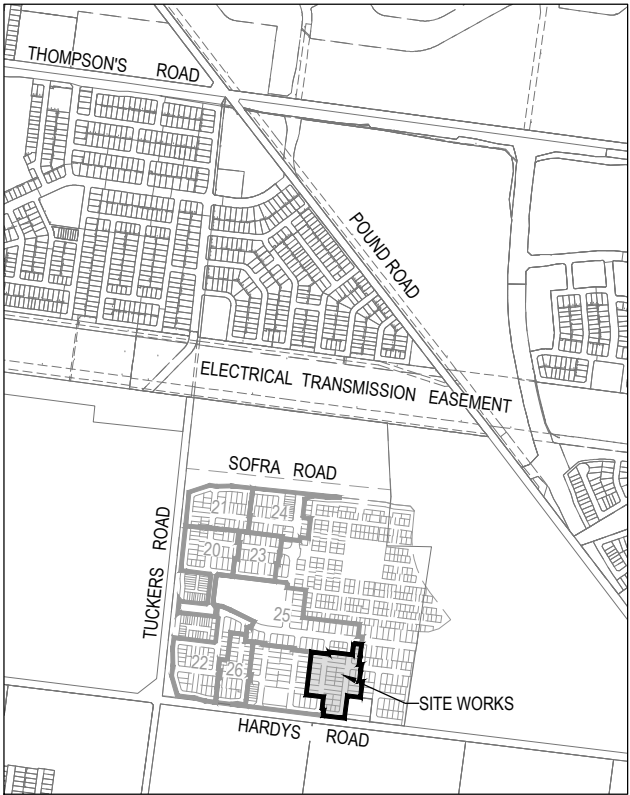
Survey Origin:

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 E3

DRAWING INDEX

DRAWING No.	TITLE	REVISION
1801767-28-001	COVER SHEET	B
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1801767-28-003	RETAINING WALL DETAILS	A
1801767-28-010	LAYOUT PLAN	B
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1801767-28-101	ROAD LONGITUDINAL SECTIONS - KUNLUN CRESCENT	A
1801767-28-200	ROAD CROSS SECTIONS - KUNLUN CRESCENT (SHEET 1 OF 2)	A
1801767-28-201	ROAD CROSS SECTIONS - KUNLUN CRESCENT (SHEET 2 OF 2)	A
1801767-28-202	ROAD CROSS SECTIONS - NANDEWAR STREET	A
1801767-28-203	ROAD CROSS SECTIONS - CHITTAGONG DRIVE	A
1801767-28-300	INTERSECTION DETAILS	A
1801767-28-350	SIGNAGE & LINE MARKING PLANS	B
1801767-28-400	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 3)	A
1801767-28-401	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 3)	A
1801767-28-402	DRAINAGE LONGITUDINAL SECTIONS (SHEET 3 OF 3) AND PIT SCHEDULE	A

CONSTRUCTION ISSUE

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
B	DRAWING INDEX UPDATED	22.09.21	M.F.	M.F.					
A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	MF					



Designed
Date
E. BARCHAM
10.05.2021

Drawn
N. TABUENA

Approved
Date
M. FELICIANO
12.05.2021

PS Number
PS842533R



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Project
Details
MERIDIAN CENTRAL ESTATE
STAGE 28
CITY OF CASEY

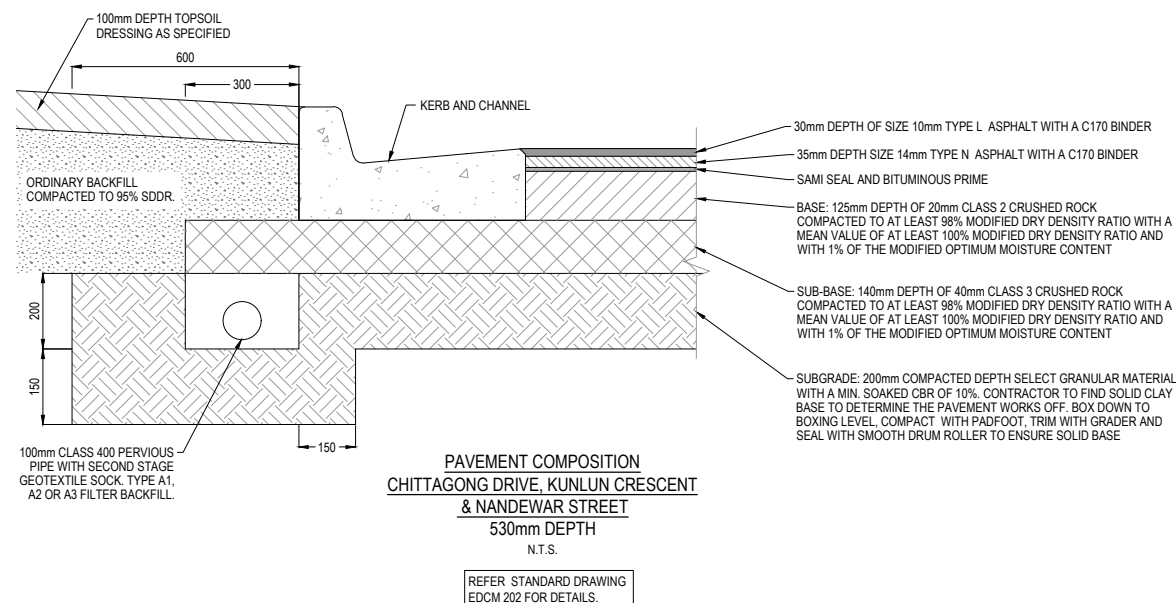
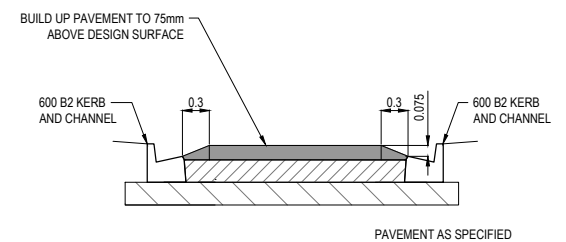
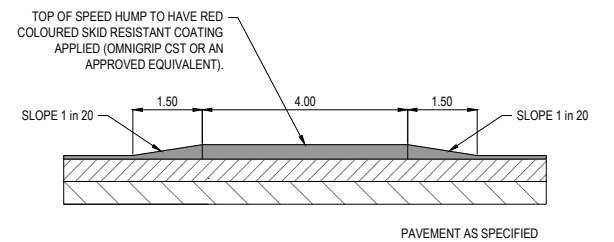
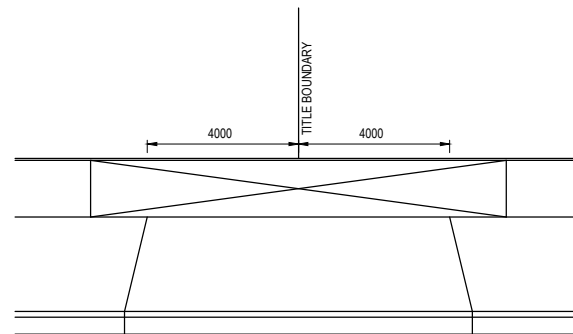
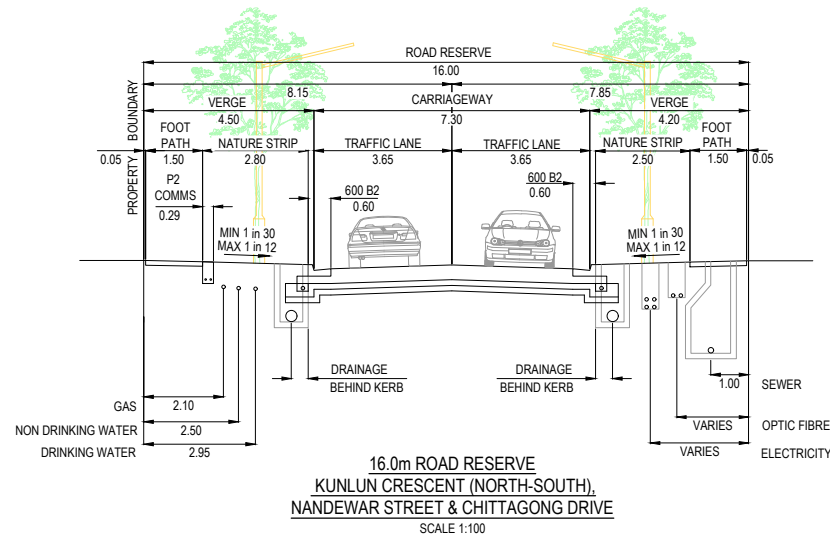
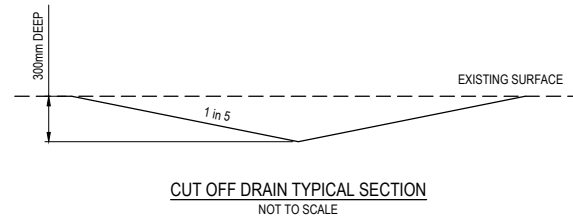
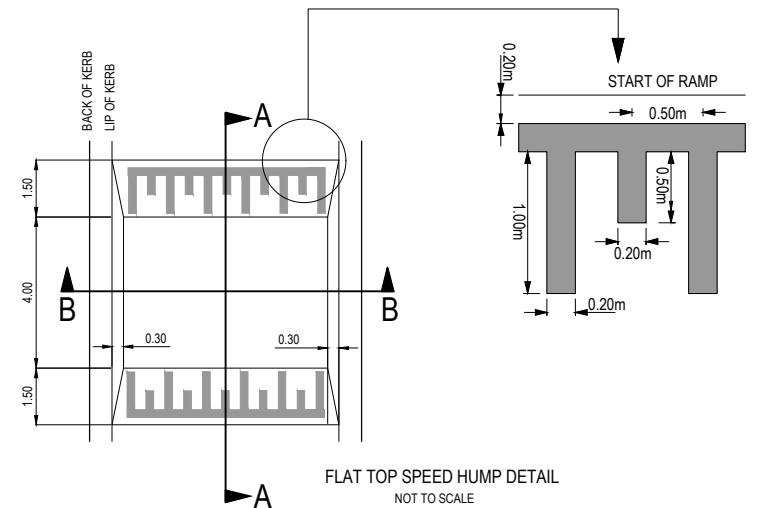
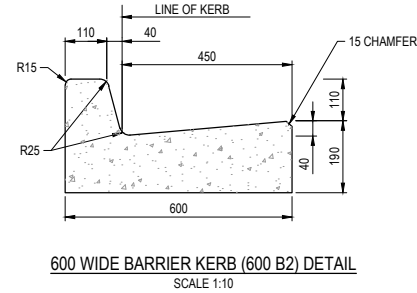
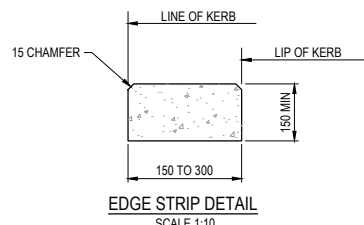
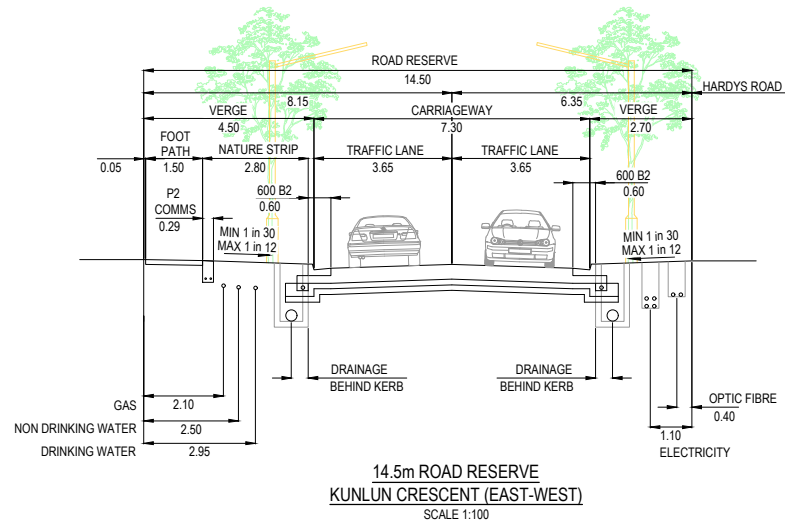
Drawing
Title
COVER SHEET

Sheet 01 of 15

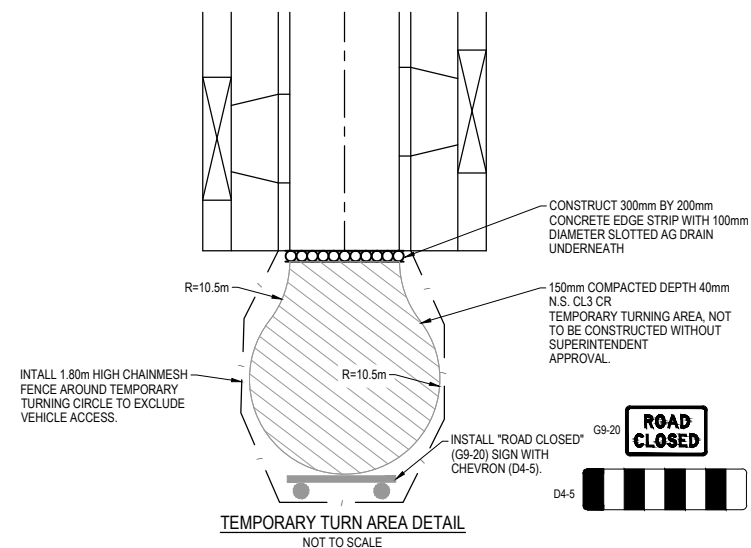
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Project Ref	Stage No	Drawing No	Rev
1801767	28	001	B





NOTES
1. REFER TO EDM 502 FOR FURTHER DETAILS
8.0m DOUBLE VEHICLE CROSSING DETAIL
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	MF					

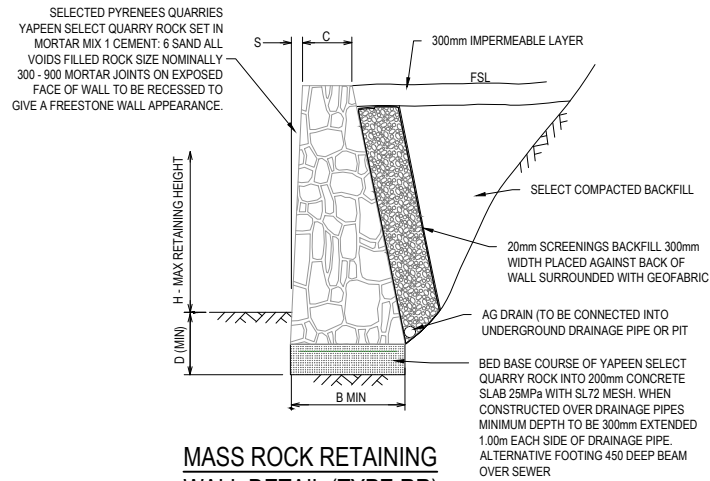


Designed	E. BARCHAM
Date	10.05.2021
Drawn	N. TABUENA
Approved	M. FELICIANO
Date	12.05.2021
PS Number	PS842533R



Project Details	MERIDIAN CENTRAL ESTATE STAGE 28 CITY OF CASEY
Drawing Title	TYPICAL ROAD CROSS SECTIONS PAVEMENT MAKEUP & GENERAL DETAILS

Sheet 02 of 15	Scale
AS SHOWN	Project Ref
1801767	Stage No
28	Drawing No
002	Rev
A	



**MASS ROCK RETAINING
WALL DETAIL (TYPE RR)**
NTS

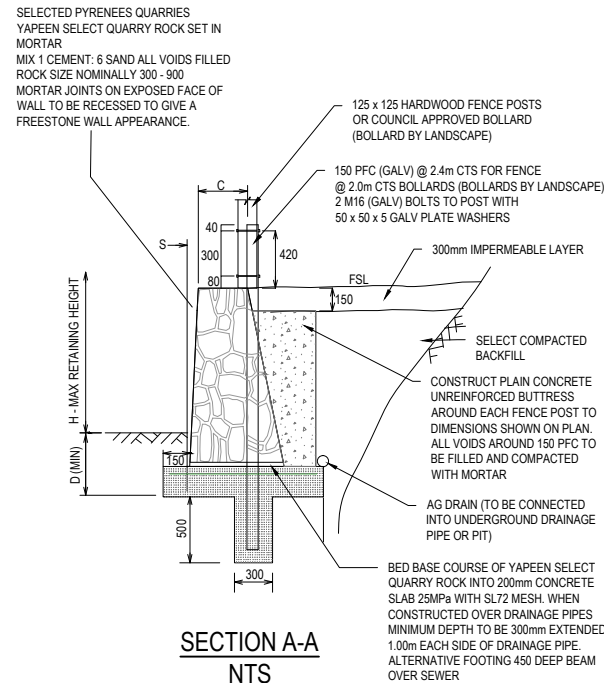
MASS ROCK RETAINING WALL SCHEDULE				
MAX WALL HEIGHT-H(mm)	FOUNDING DEPTH-D(mm)	BASE WIDTH - B(mm)	FRONT FACE SETBACK-S (mm)	CREST WIDTH-C(mm)
400	400	450	15	300
500	400	500	15	300
600	400	500	30	300
800	400	600	30	300
1000	400	700	30	300

RETAINING WALL NOTE R.1

- a. WHERE FOOTPATH ABUTS RETAINING WALL CONTINUE CONCRETE UP TO BASE OF RETAINING WALL.

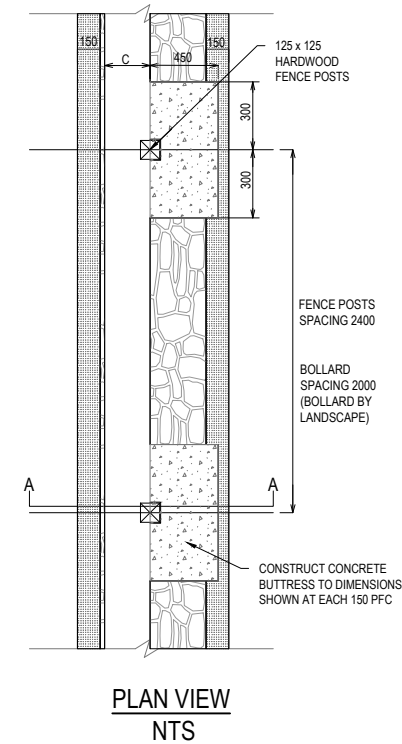
FOOTING NOTE F.2.

- 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 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.

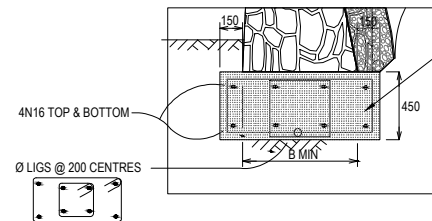


SECTION A-A
NTS

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

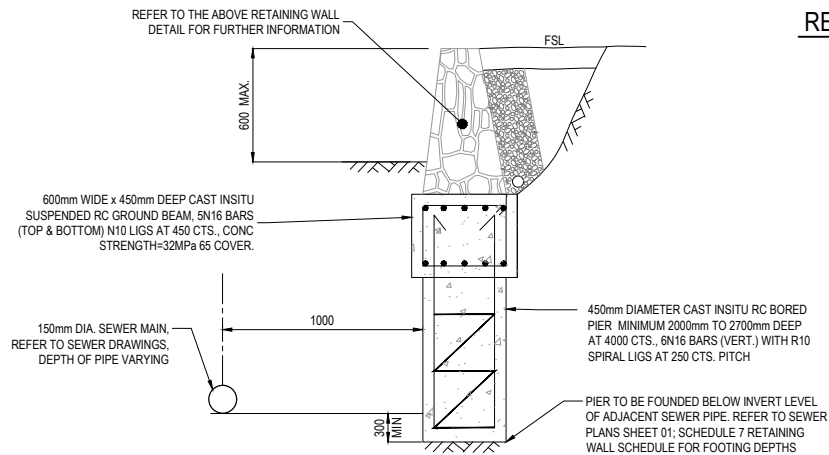


PLAN VIEW
NTS

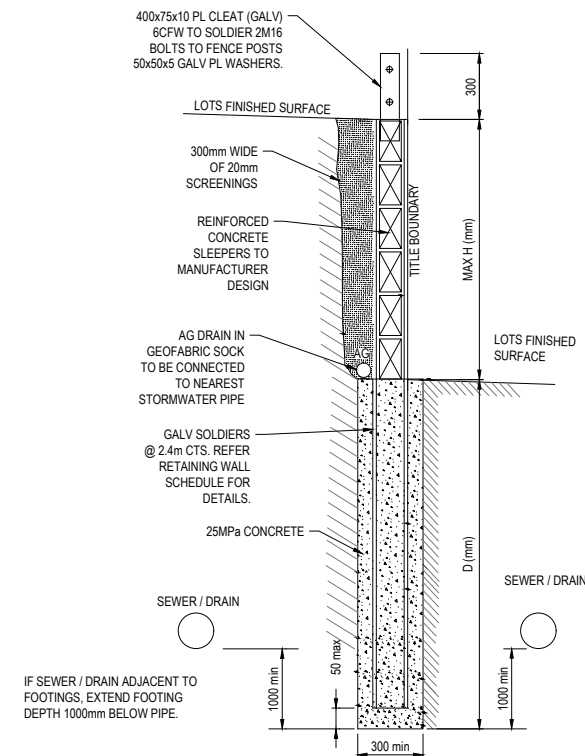


**RETAINING WALL FOOTING
REQUIREMENTS FOR SEWER CROSSINGS**

- BED BASE COURSE OF YAPEEN SELECT QUARRY ROCK INTO 450mm CONCRETE BEAM
- NOTES:
- CONCRETE STRENGTH N25 MIN. (f'c - 25MPa)
 - 60mm CONCRETE COVER TO REINFORCING
 - ALL CONCRETE, REINFORCING & CONCRETING WORK TO BE IN ACCORDANCE WITH AS3600 CONCRETE CODE
 - 450mm CONCRETE BEAM TO EXTEND 2m EITHER SIDE OF SEWER CROSSING FOR ALL SEWER CROSSINGS
 - PROVIDE CONSTRUCTION JOINT (CJ) IN WALL WHERE 450 BEAM CHANGES BACK TO 200mm STANDARD FOOTING



**MASS ROCK RETAINING WALL FOOTING DETAIL
PARALLEL WITH SEWER MAIN (MAX. 600mm HEIGHT)**
NTS



**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

CONSTRUCTION ISSUE

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A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	MF					
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.



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Drawn	N. TABUENA
Approved Date	M. FELICIANO 12.05.2021
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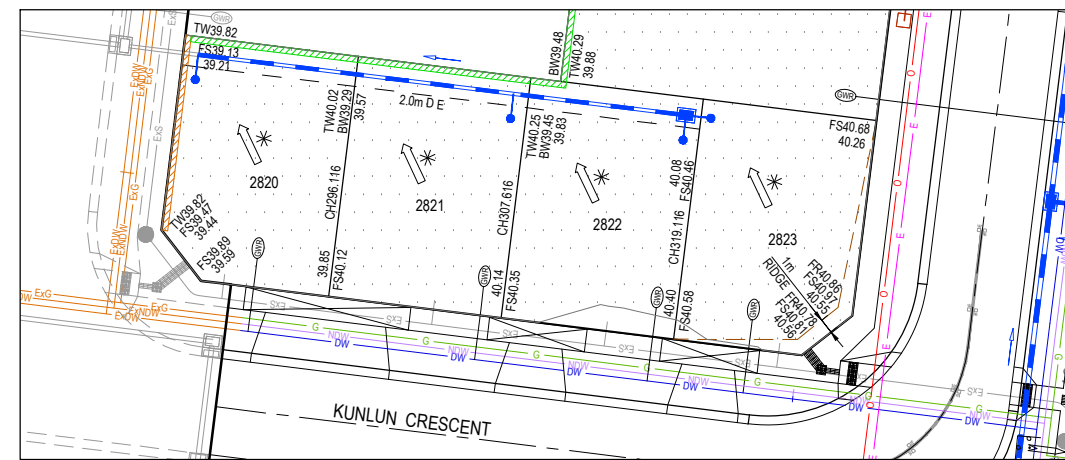
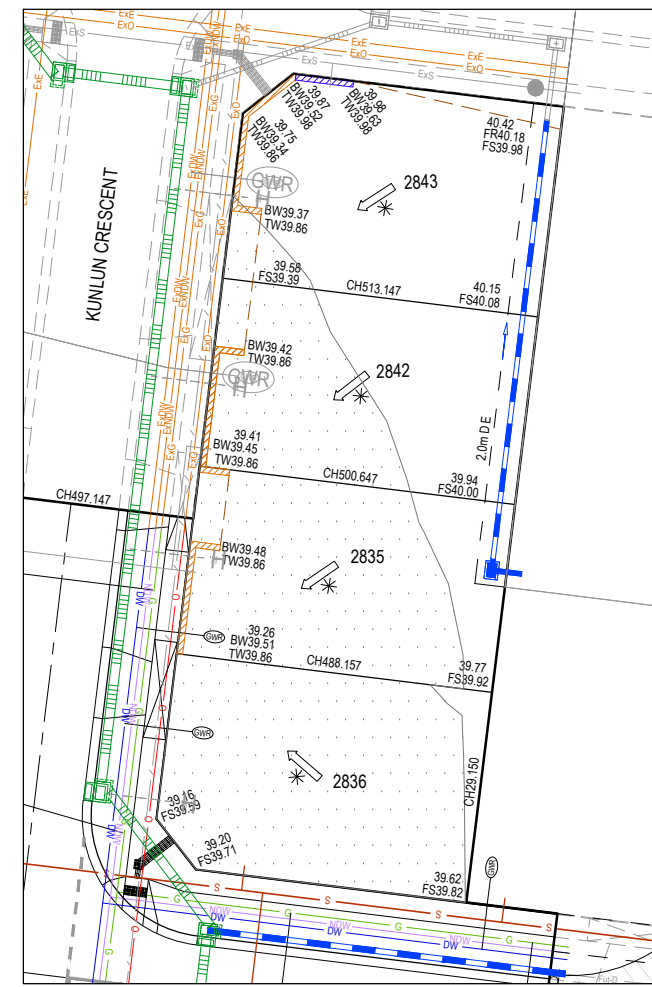
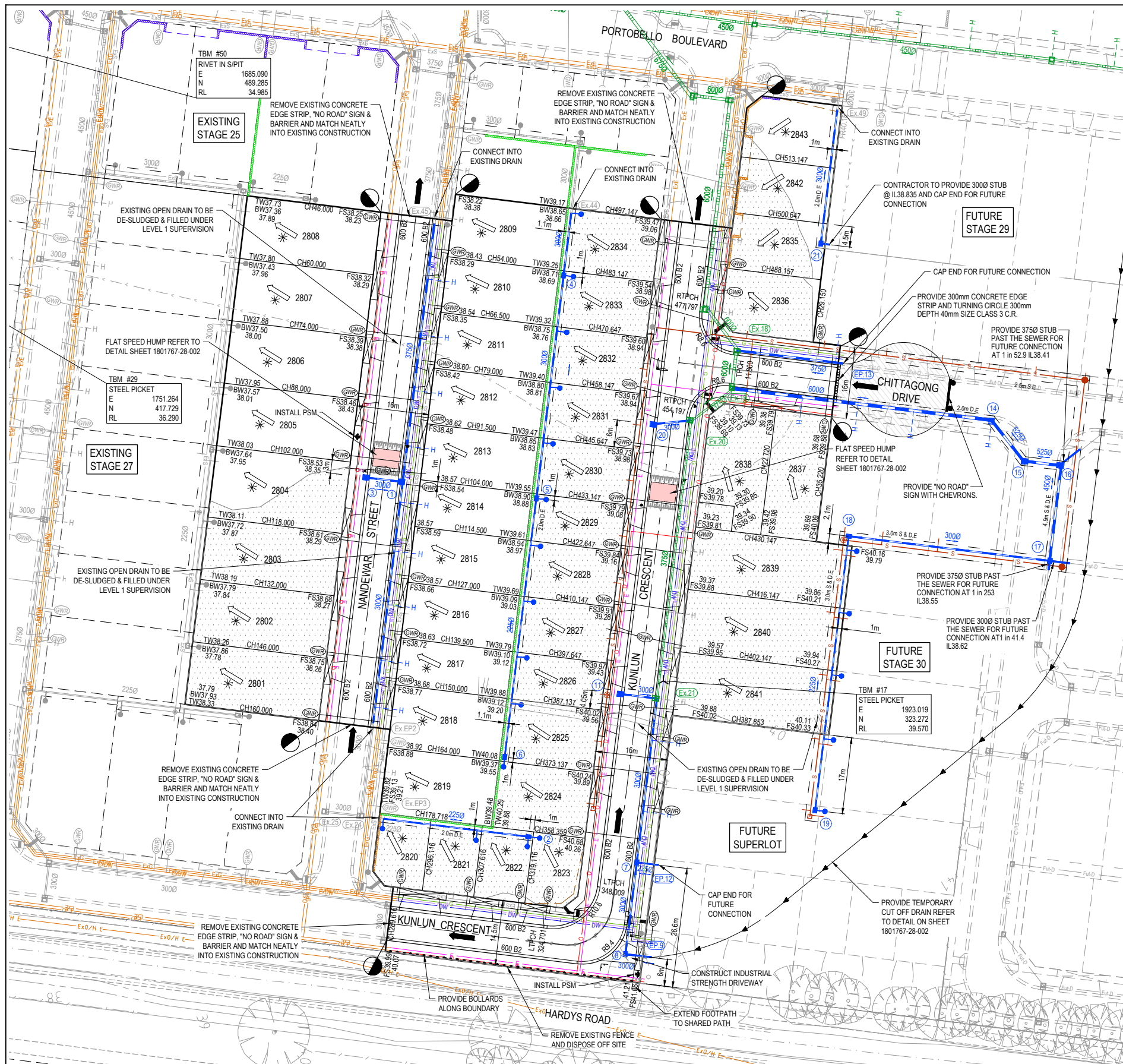
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Project Details	MERIDIAN CENTRAL ESTATE STAGE 28 CITY OF CASEY
Drawing Title	RETAINING WALL DETAILS

Sheet 03 of 15

Scale
AS SHOWN

Project Ref	Stage No	Drawing No	Rev
1801767	28	003	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 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
 - 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)

INSET PLAN 1

0 2.5 5 10 15 20
SCALE 1:250 AT A1 SIZE

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)
MANDEWAR STREET	E	2.10	E	2.50	E	2.95	W	2.50	W	1.80	E	1.00
CHITTAGONG DRIVE	N	2.10	N	2.50	N	2.95	S	2.30	S	0.50	N	1.00
KUNLUN CRESCENT (EAST-WEST)	N	2.10	N	2.50	N	2.95	S	1.10	S	0.40	N	1.00
KUNLUN CRESCENT (LOT 2833-2834)	E	2.00	E	2.40	E	2.85	W	2.30	E	0.50	W	1.00
KUNLUN CRESCENT (LOT 2830-2831)	E	2.10	E	2.50	E	2.95	W	2.30	E	0.50	W	1.00
KUNLUN CRESCENT (LOT 2823-2829)	E	2.10	E	2.50	E	2.95	W	2.50	W	1.90	W	1.00

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
KUNLUN CRESCENT (EAST-WEST)	14.50	6.40	7.30	7.60	600 B2	600 B2	4.50	2.70
KUNLUN CRESCENT (NORTH-SOUTH)	16.00	6.40	7.30	7.60	600 B2	600 B2	4.20	4.50
MANDEWAR STREET	16.00	6.40	7.30	7.60	600 B2	600 B2	4.20	4.50
CHITTAGONG DRIVE	16.00	6.40	7.30	7.60	600 B2	600 B2	4.50	4.20

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

CONSTRUCTION ISSUE

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
B	CHEVRON SIGNS ADDED	22.09.21	M.F.	M.F.					
A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	M.F.					



Designed By: E. BARCHAM
Date: 10.05.2021
Drawn By: N. TABUENA
Approved By: M. FELICIANO
Date: 12.05.2021
PS Number: PS842533R



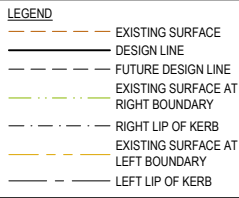
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STAGE 28
CITY OF CASEY
Drawing Title: LAYOUT PLAN

Sheet 04 of 15

Scale: AS SHOWN

Project Ref: 1801767
Stage No: 28
Drawing No: 010
Rev: B

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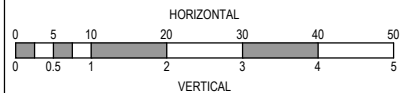
Sheet 05 of 15

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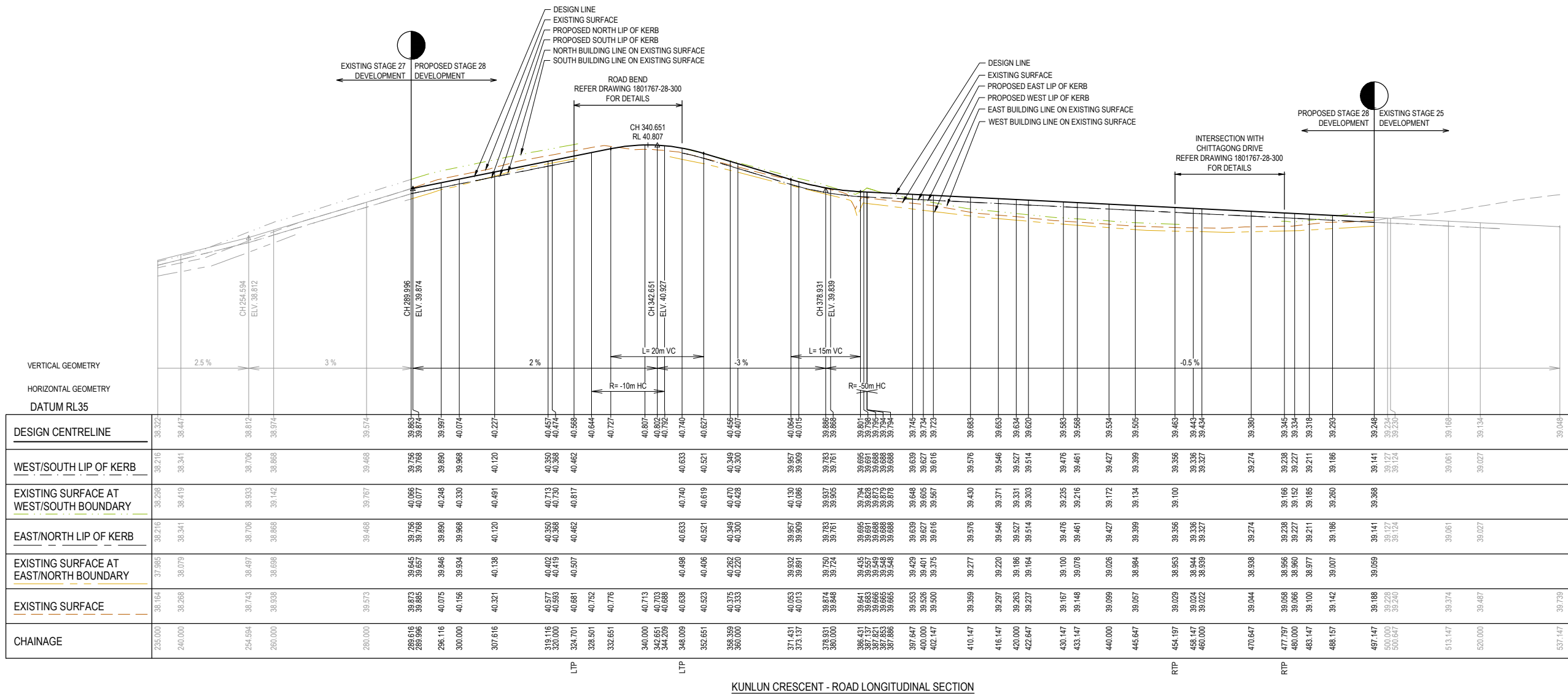
Drawing
Title

ROAD LONGITUDINAL SECTIONS
CHITTAGONG DRIVE
AND NANDEWAR STREET

Project Ref	Stage No	Drawing No	Rev
1801767	28	100	A



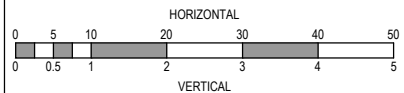
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	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB



KUNLUN CRESCENT - ROAD LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION
A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	MF		



Designed Date	E. BARCHAM 10.05.2021
Drawn	N. TABUENA
Approved Date	M. FELICIANO 12.05.2021
PS Number	PS842533R



Beveridge Williams

1 Glenferrie Road
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Project Details	MERIDIAN CENTRAL ESTATE STAGE 28 CITY OF CASEY
Drawing Title	ROAD LONGITUDINAL SECTIONS KUNLUN CRESCENT

Sheet 06 of 15

Scale
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Project Ref	Stage No	Drawing No	Rev
1801767	28	101	A

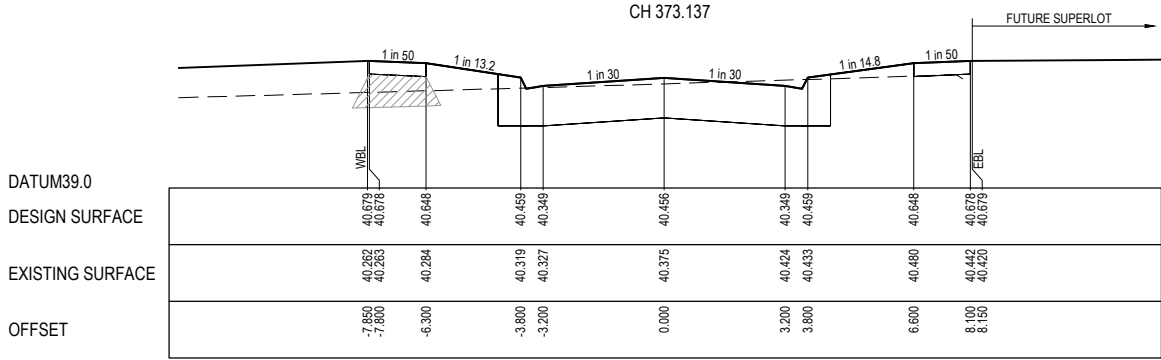
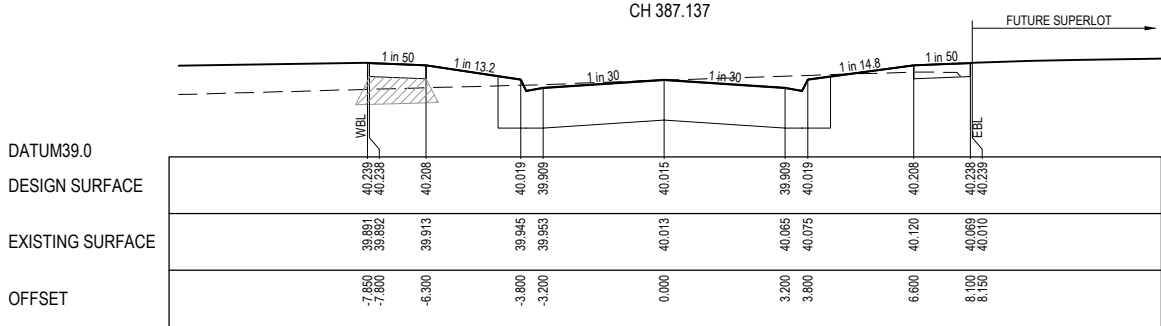
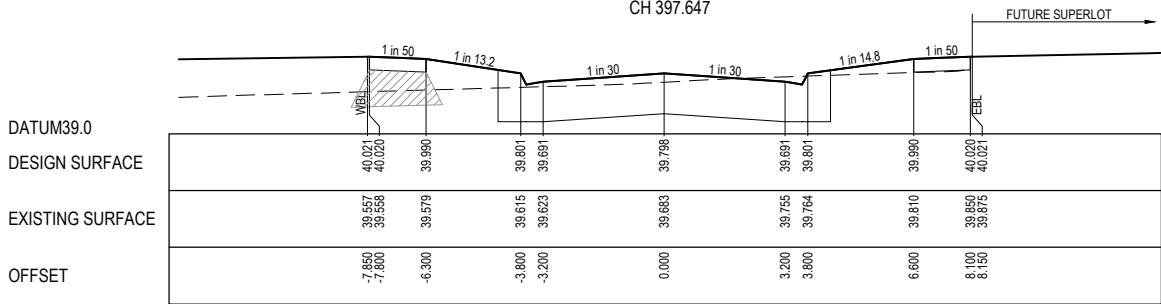
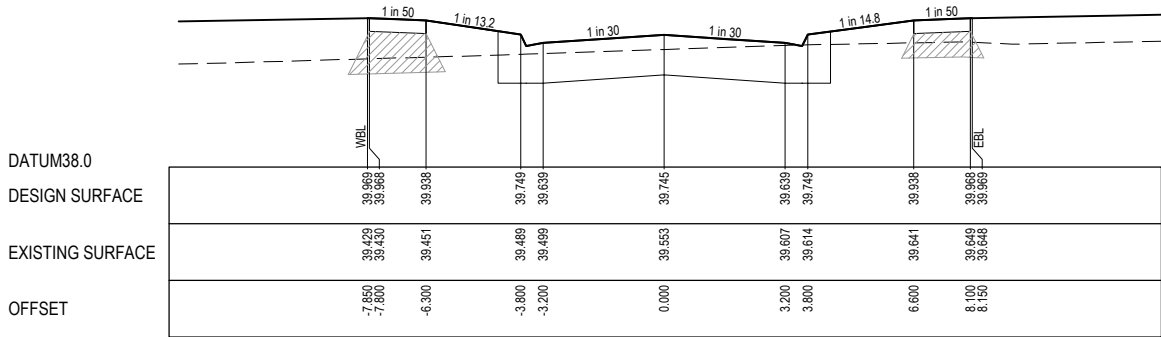
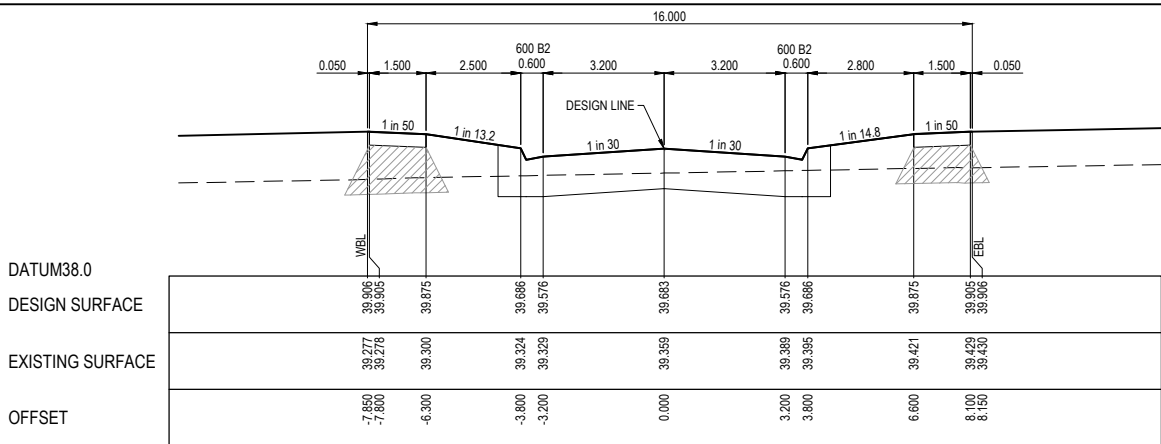
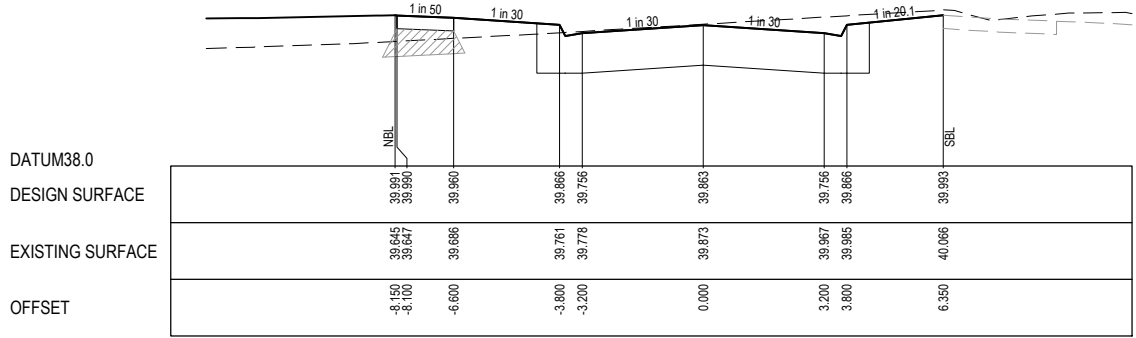
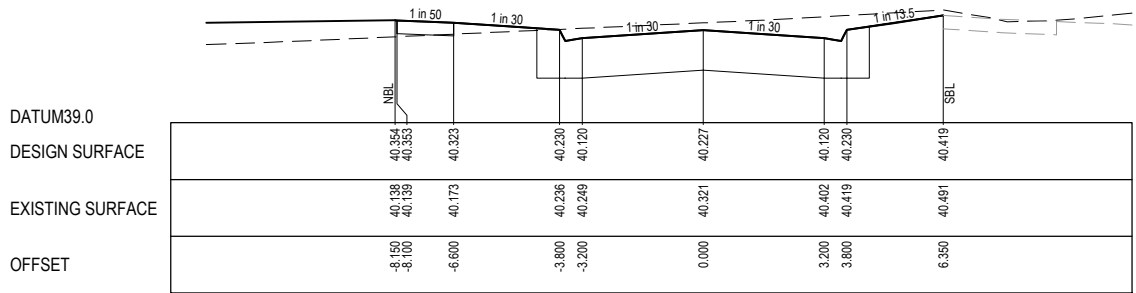
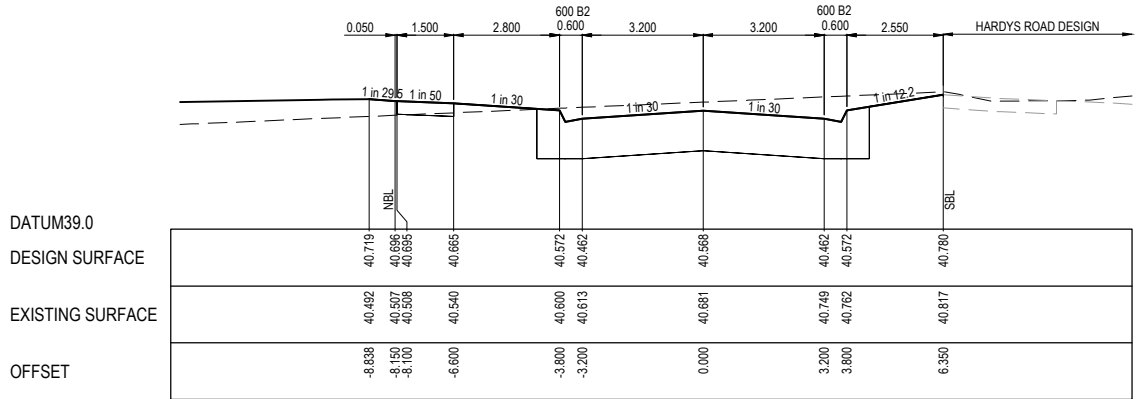
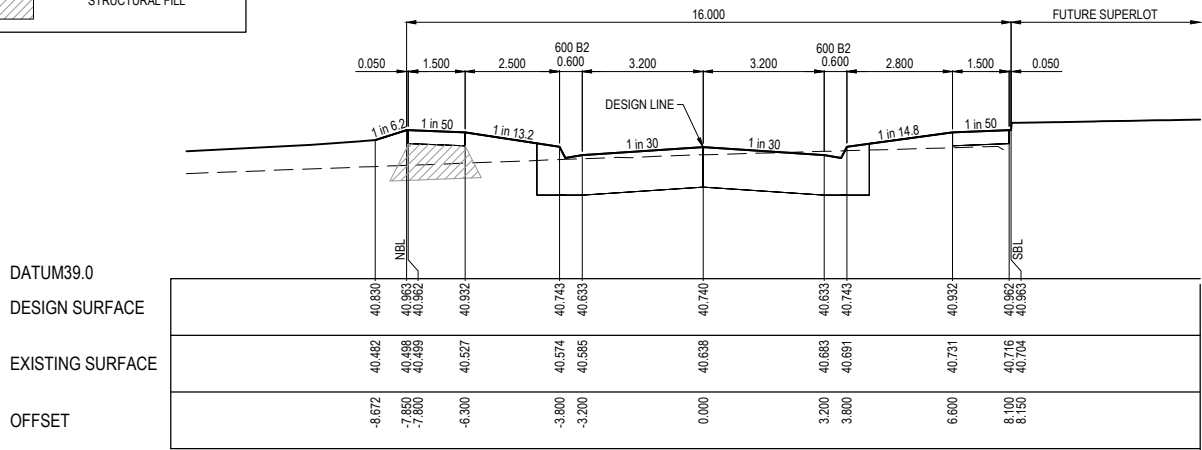
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--- EXISTING SURFACE

— DESIGN SURFACE

STRUCTURAL FILL

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



CONSTRUCTION ISSUE

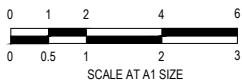
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A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	MF					



HORIZ. 1:100

VERT. 1:50



Designed
Date
E. BARCHAM
10.05.2021

Drawn
N. TABUENA

Approved
Date
M. FELICIANO
12.05.2021

PS Number
PS842533R



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Project
Details
MERIDIAN CENTRAL ESTATE
STAGE 28
CITY OF CASEY

Drawing
Title
ROAD CROSS SECTIONS
KUNLUN CRESCENT
(SHEET 1 OF 2)

Sheet 07 of 15


Scale

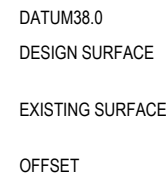
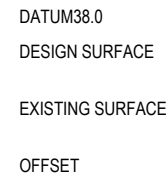
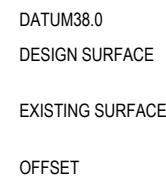
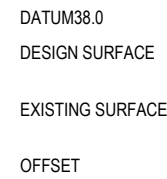
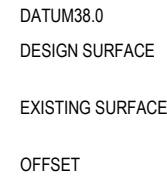
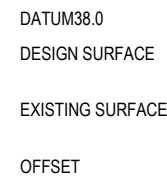
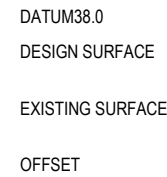
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Project Ref	Stage No	Drawing No	Rev
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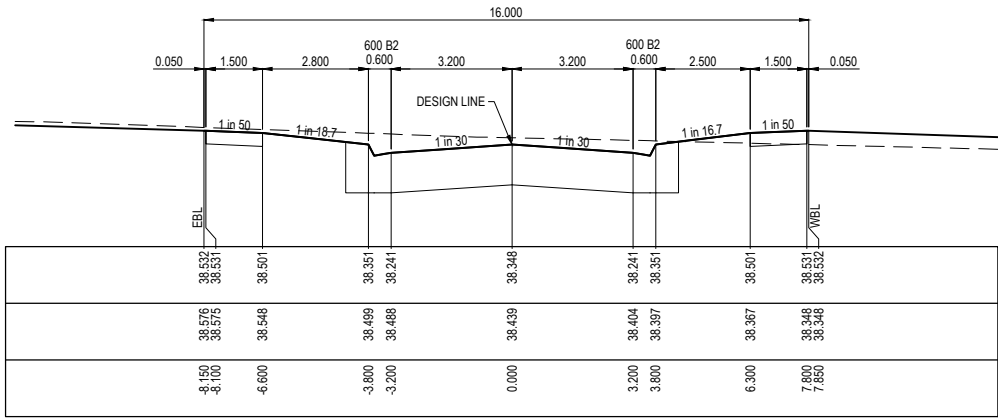
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---	EXISTING SURFACE
—	DESIGN SURFACE
	STRUCTURAL FILL

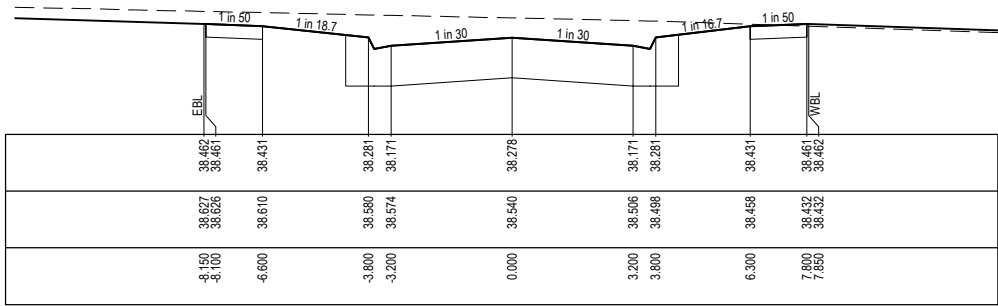


Sheet 08 of 15

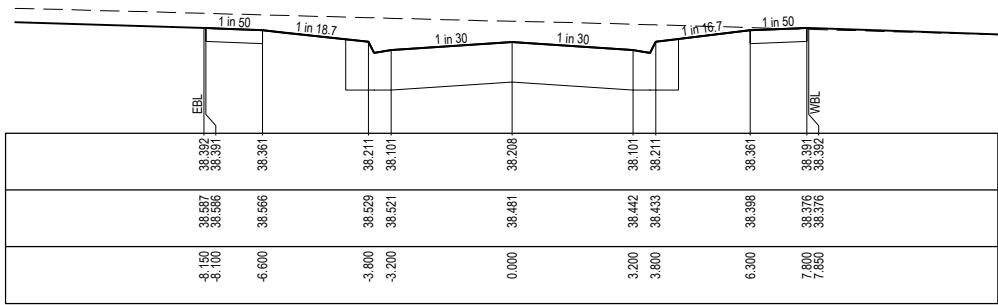
Project Ref	Stage No	Drawing No	Rev
1801767	28	201	A



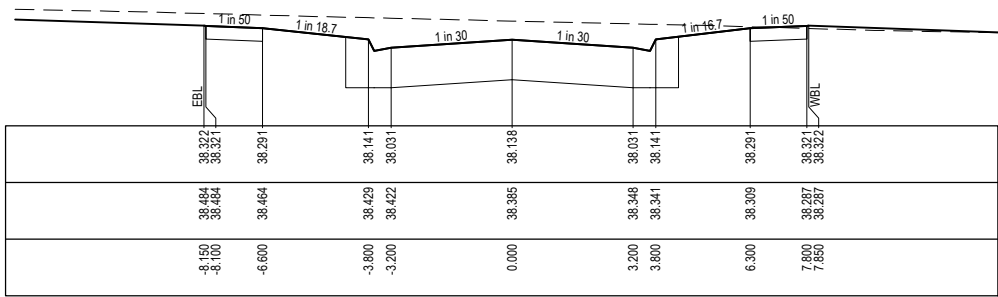
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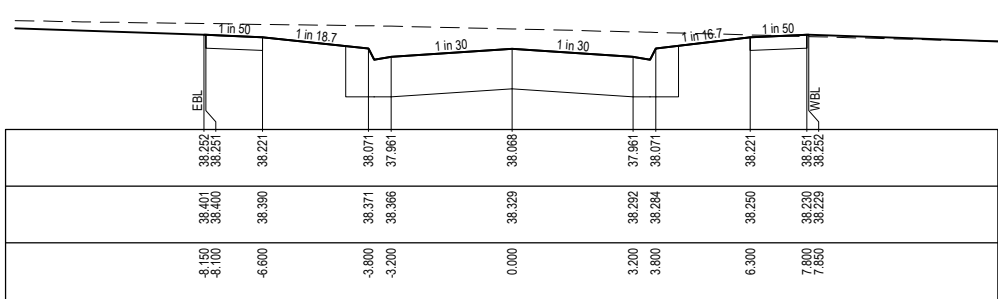
CH 88.000



CH 74.000



CH 60.000



CH 46.000

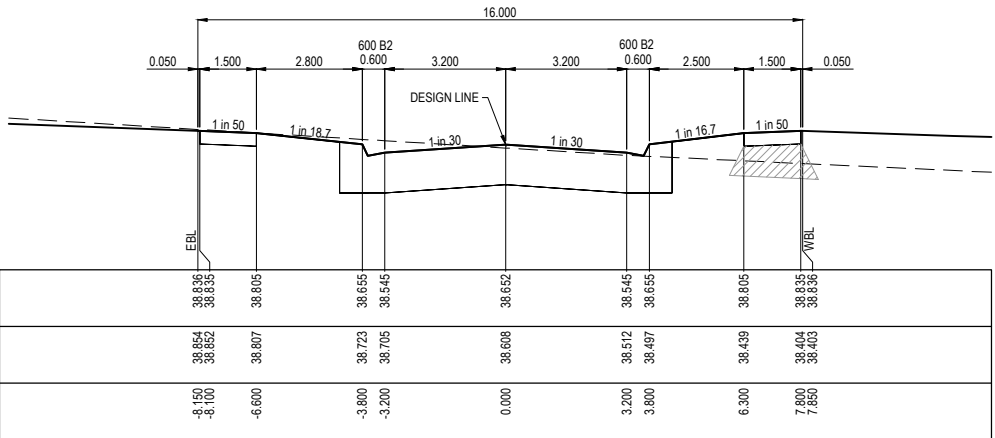
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LEGEND

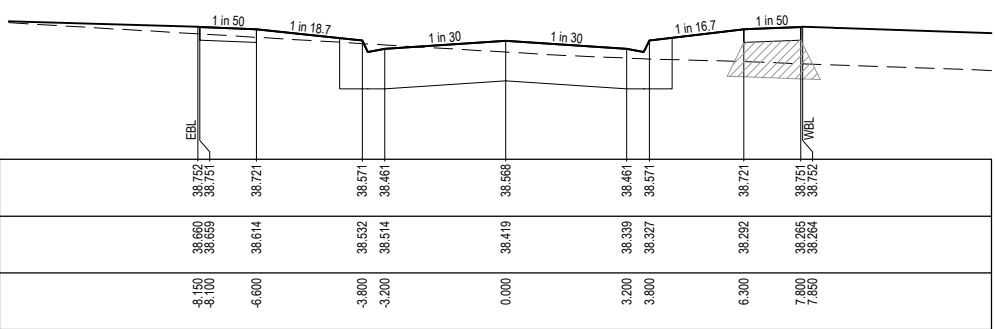
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--- DESIGN SURFACE

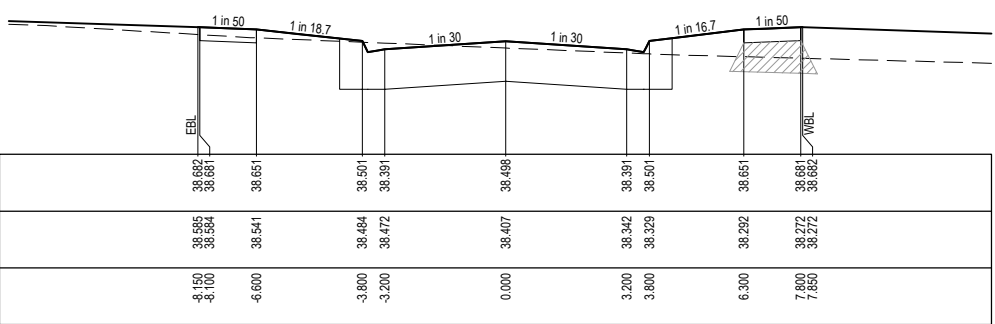
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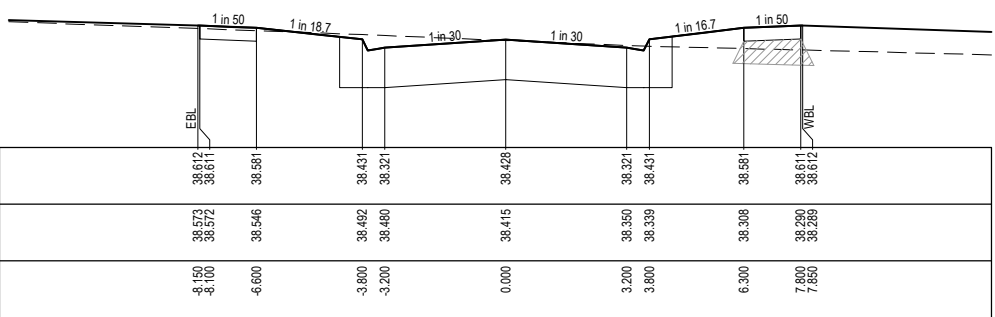
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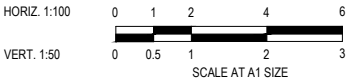
CH 132.000



CH 118.000

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A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	MF					



Designed	E. BARCHAM
Date	10.05.2021
Drawn	N. TABUENA
Approved	M. FELICIANO
Date	12.05.2021
PS Number	PS842533R



Project Details	MERIDIAN CENTRAL ESTATE STAGE 28 CITY OF CASEY
Drawing Title	ROAD CROSS SECTIONS NANDEWAR STREET

Sheet 09 of 15

Scale
1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
1801767	28	202	A

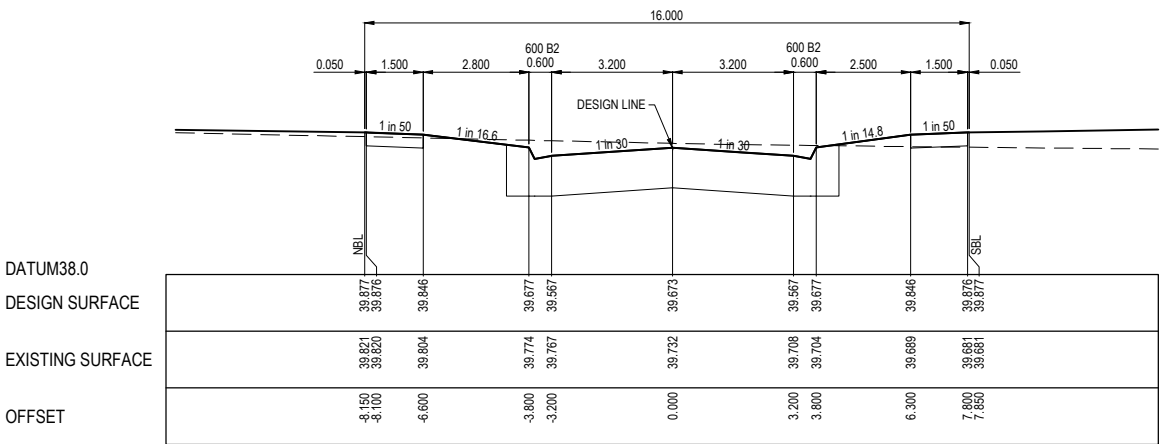
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LEGEND

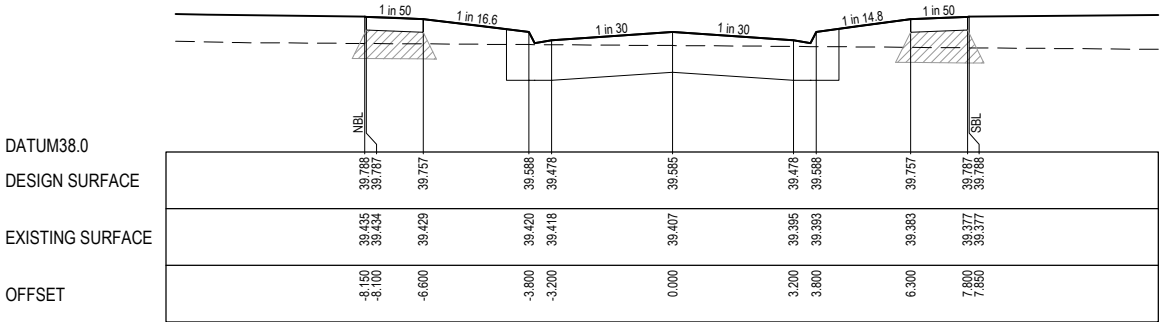
EXISTING SURFACE

DESIGN SURFACE

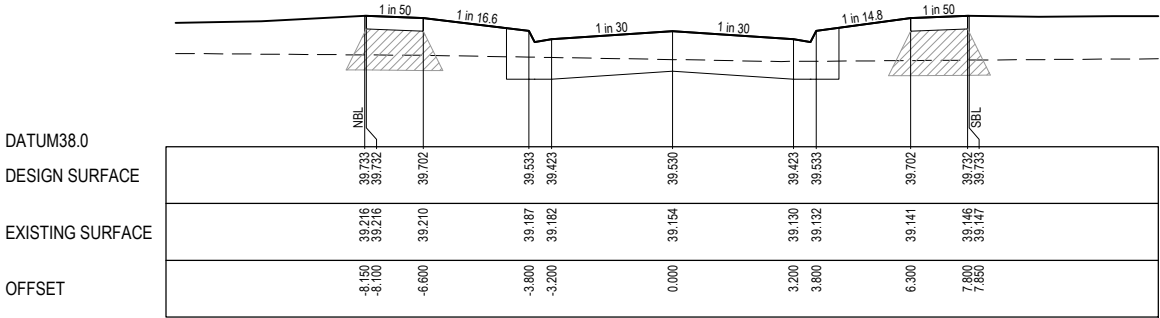
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CH 35.220



CH 22.720



TPCH 11.800

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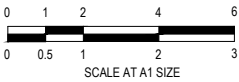
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HORIZ. 1:100

VERT. 1:50



Designed
Date

E. BARCHAM
10.05.2021

Drawn

N. TABUENA

Approved
Date

M. FELICIANO
12.05.2021

PS Number

PS842533R



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Project
Details

MERIDIAN CENTRAL ESTATE
STAGE 28
CITY OF CASEY

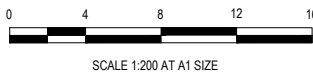
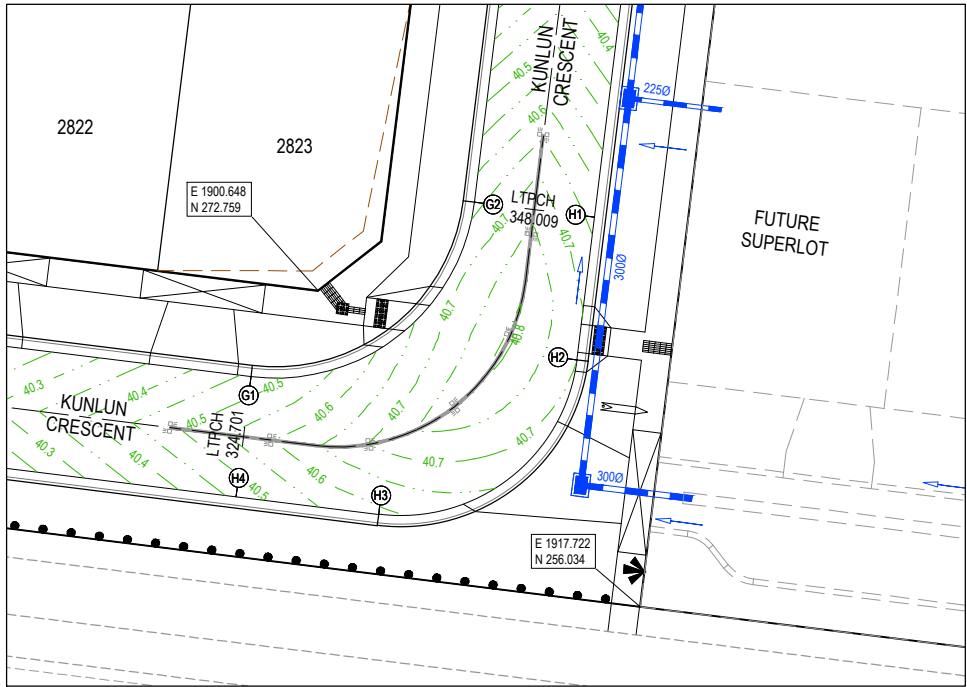
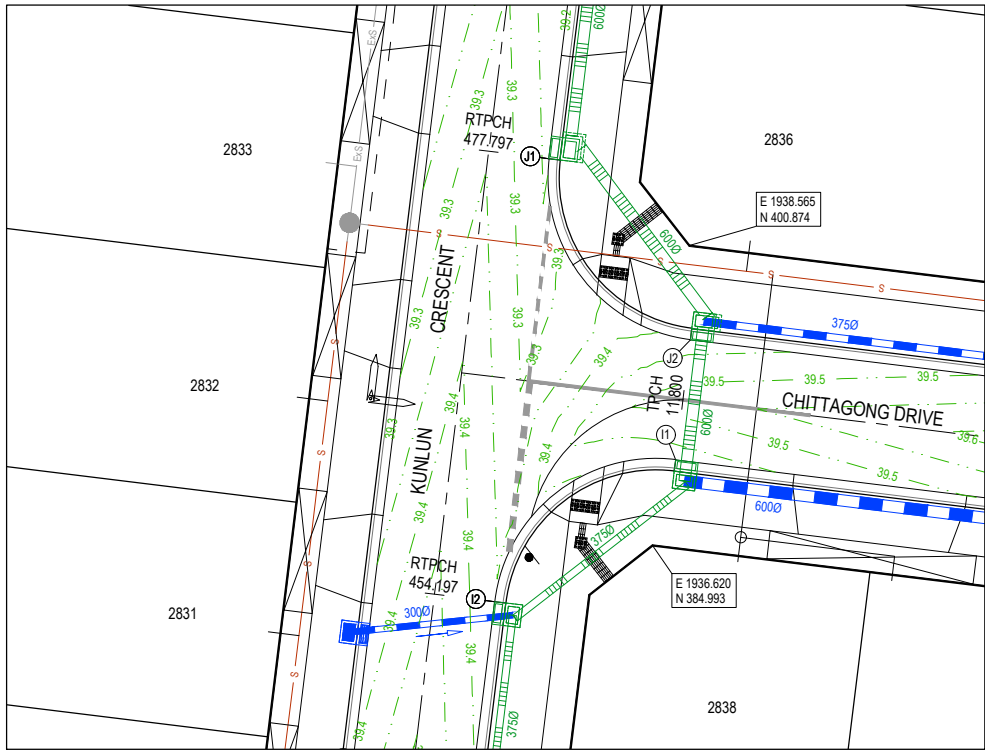
Drawing
Title

ROAD CROSS SECTIONS
CHITTAGONG DRIVE

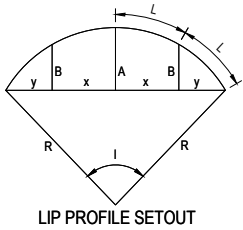
Sheet 10 of 15

Scale
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Project Ref	Stage No	Drawing No	Rev
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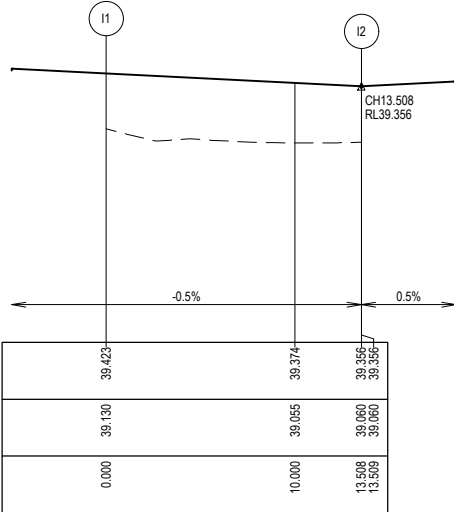


LEGEND	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MELBOURNE WATER DRAIN & PIT
	SEWER DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	TACTILE PAVERS (INDICATIVE ONLY)
	EXISTING HOUSE DRAIN
	RETAINING WALL
	PAVEMENT TREATMENT
	CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
	'NO ROAD' SIGN & BARRIER
	LIMIT OF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



LIP PROFILE SETOUT

VERTICAL GEOMETRY
DATUM RL38
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



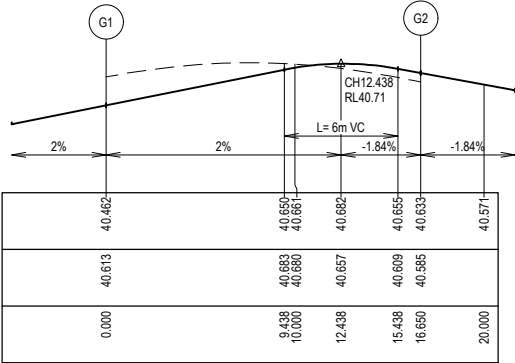
LIP LINE I

ALIGNMENT I

Point no	Easting	Northing	RL
I1	1937.830	389.529	39.423
I2	1928.248	382.038	39.356

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
I1 - I2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	39.390

VERTICAL GEOMETRY
DATUM RL40
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



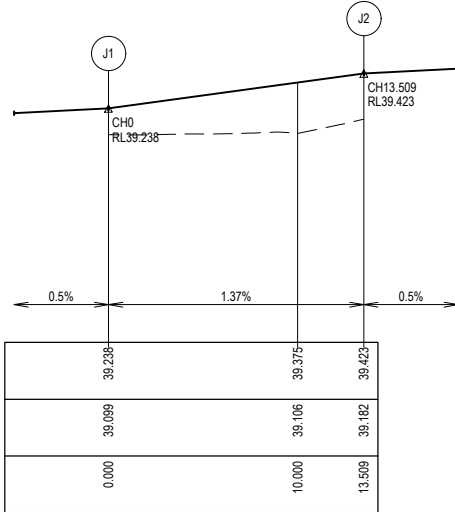
LIP LINE G

ALIGNMENT G

Point no	Easting	Northing	RL
G1	1897.112	268.209	40.462
G2	1908.934	277.426	40.633

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
G1 - G2	90.000	10.600	16.650	3.105	2.298	4.056	3.439	4.163	40.628

VERTICAL GEOMETRY
DATUM RL38
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



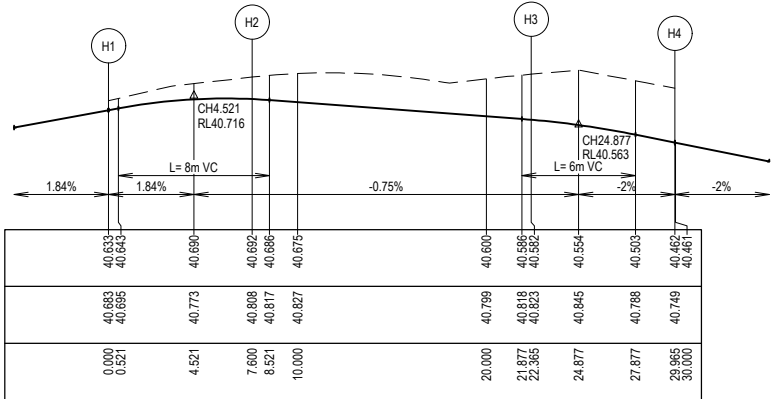
LIP LINE J

ALIGNMENT J

Point no	Easting	Northing	RL
J1	1931.118	405.463	39.238
J2	1938.608	395.882	39.423

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
J1 - J2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	39.391

VERTICAL GEOMETRY
DATUM RL40
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE

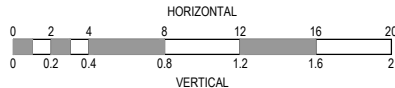


LIP LINE H

ALIGNMENT H

Point no	Easting	Northing	RL
H1	1915.285	276.640	40.633
H2	1914.351	269.098	40.692
H3	1903.868	260.924	40.582
H4	1896.325	261.858	40.462

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
H2 - H3	90.000	9.400	14.765	2.753	2.038	3.597	3.050	3.691	40.638



1:200 H 1:20 V @ A1

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	MF					



Designed
Date
E. BARCHAM
10.05.2021
Drawn
N. TABUENA
Approved
Date
M. FELICIANO
12.05.2021
PS Number
PS842533R



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Project
Details
MERIDIAN CENTRAL ESTATE
STAGE 28
CITY OF CASEY
Drawing
Title
INTERSECTION DETAILS

Sheet 11 of 15

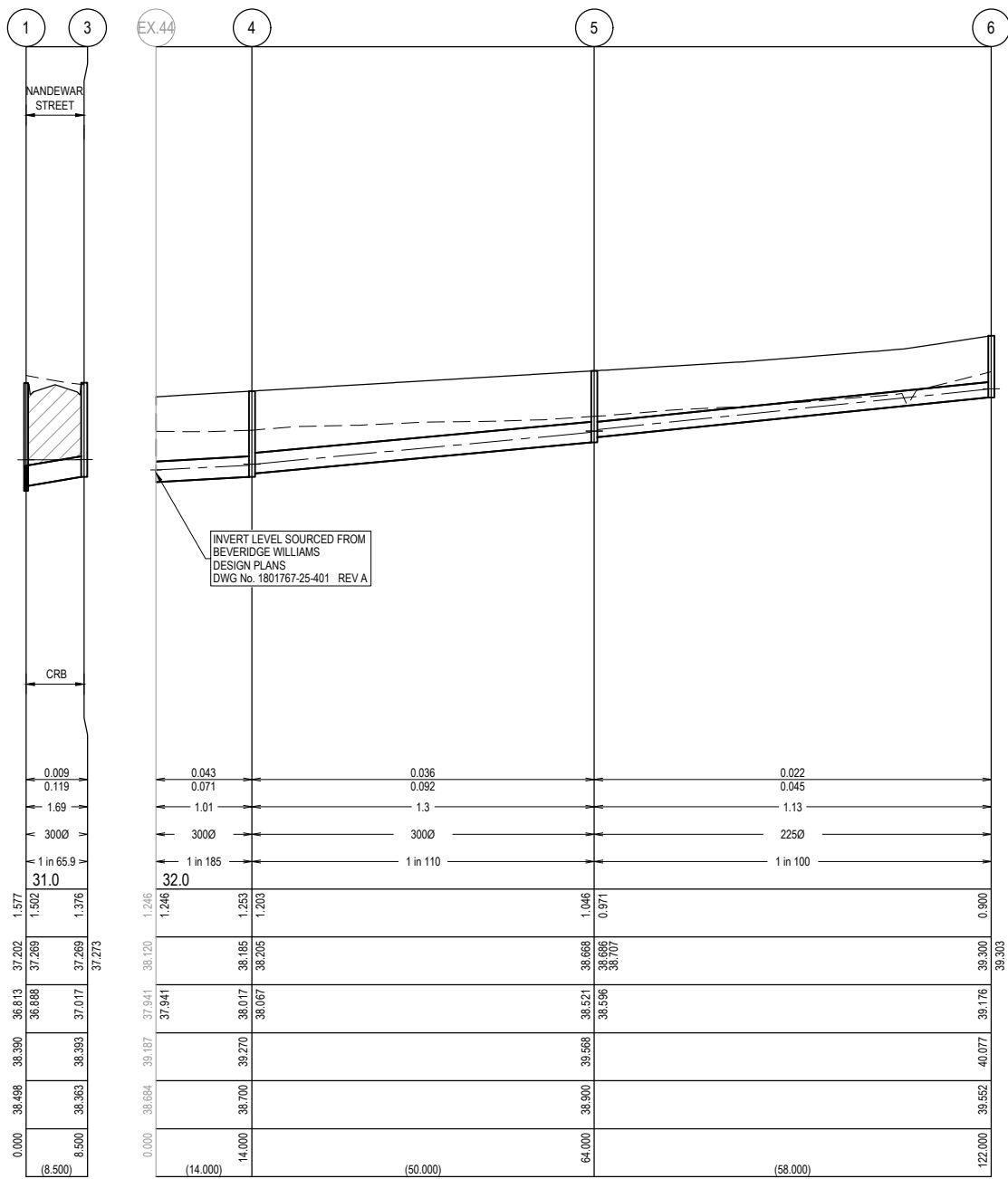
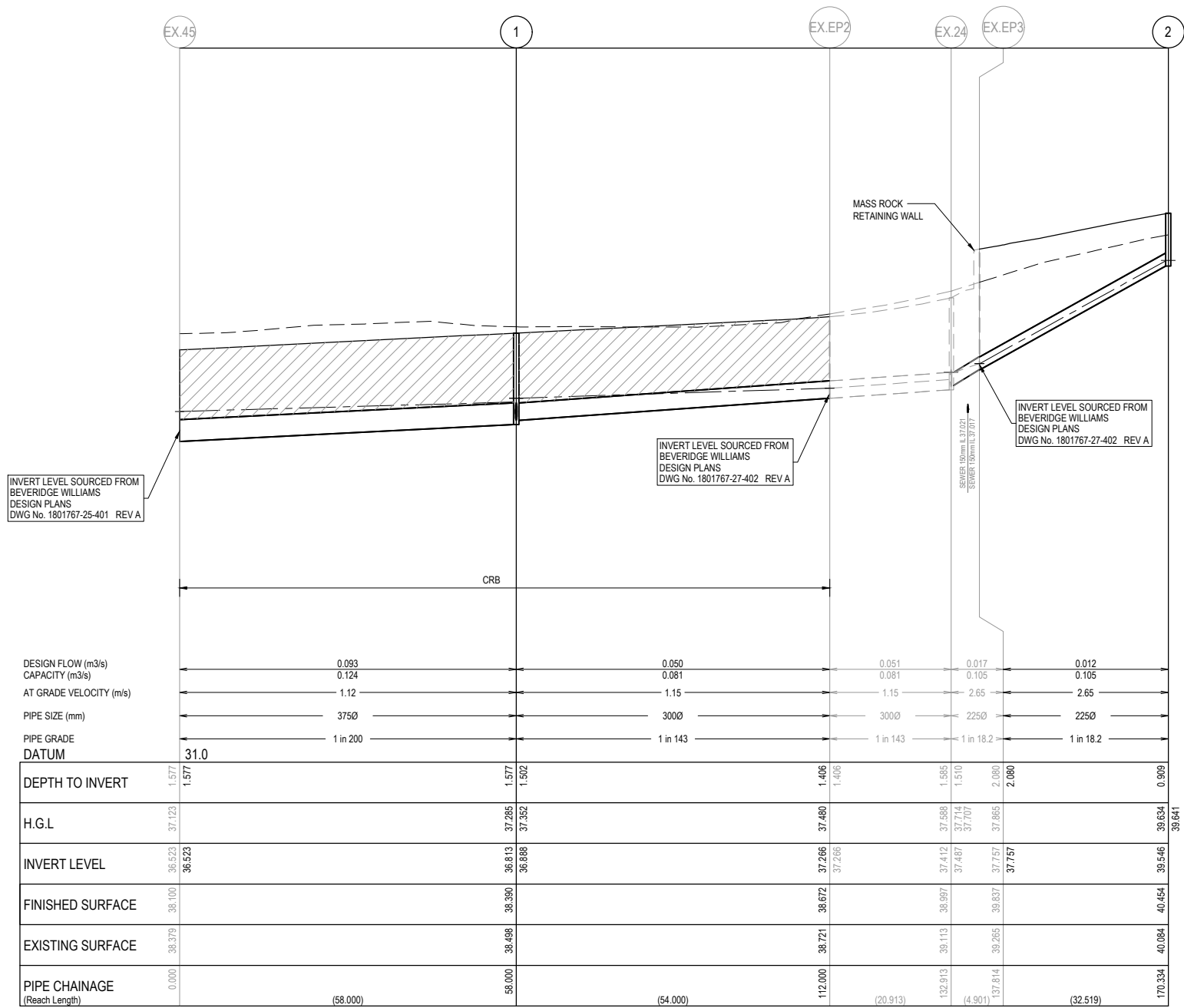
Scale
AS SHOWN

Project Ref
1801767
Stage No
28
Drawing No
300
Rev
A



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



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Approved Date	M. FELICIANO 12.05.2021
PS Number	PS842533R



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Project Details	MERIDIAN CENTRAL ESTATE STAGE 28 CITY OF CASEY
Drawing Title	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 3)

Sheet 13 of 15

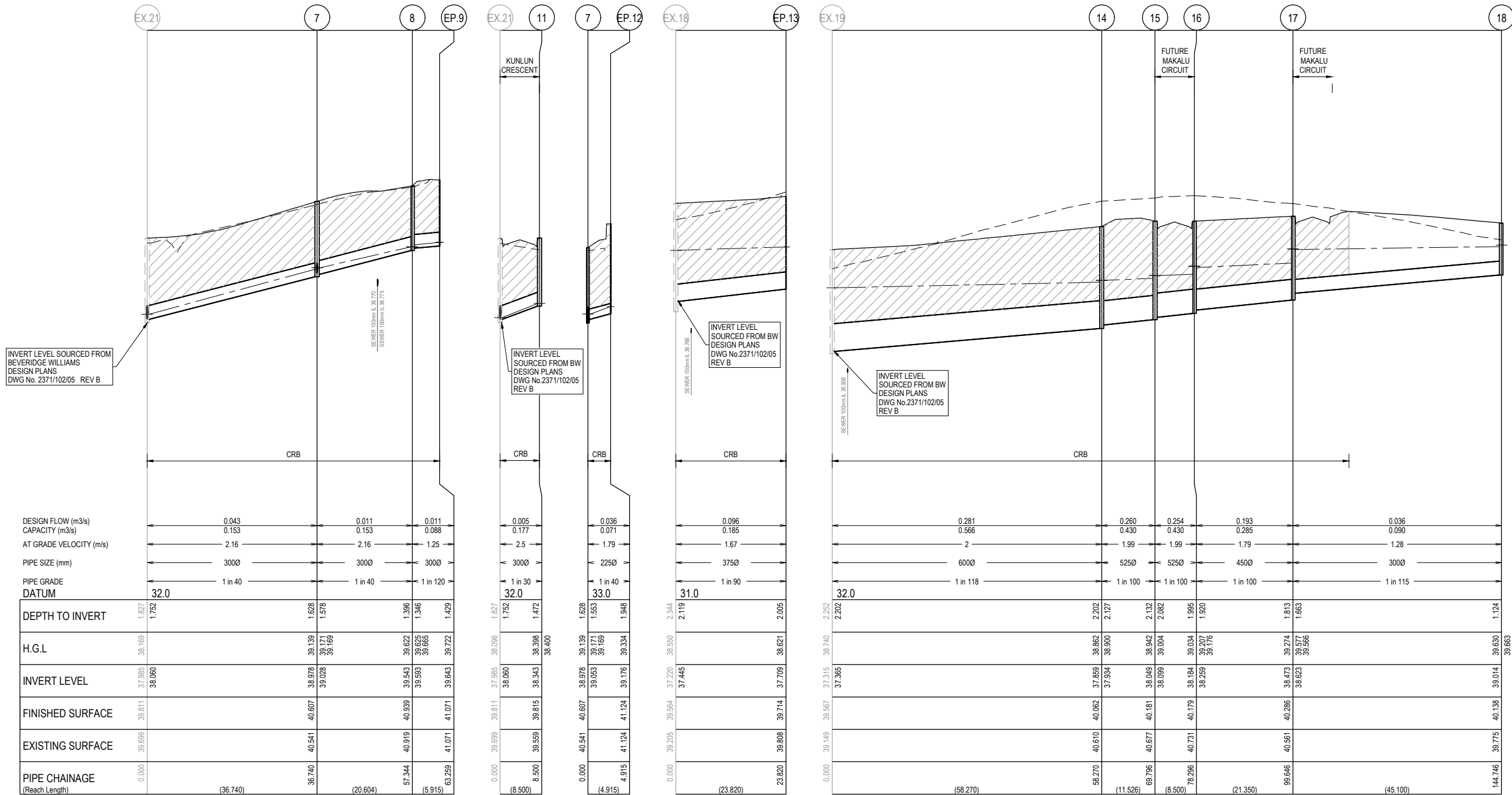
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Project Ref	Stage No	Drawing No	Rev
1801767	28	400	A

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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.

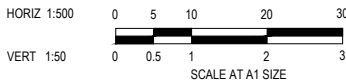
LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



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A	ISSUED FOR CONSTRUCTION	11.08.21	M.F.J.	MF					



Designed
Date
E. BARCHAM
10.05.2021
Drawn
N. TABUENA
Approved
Date
M. FELICIANO
12.05.2021
PS Number
PS842533R




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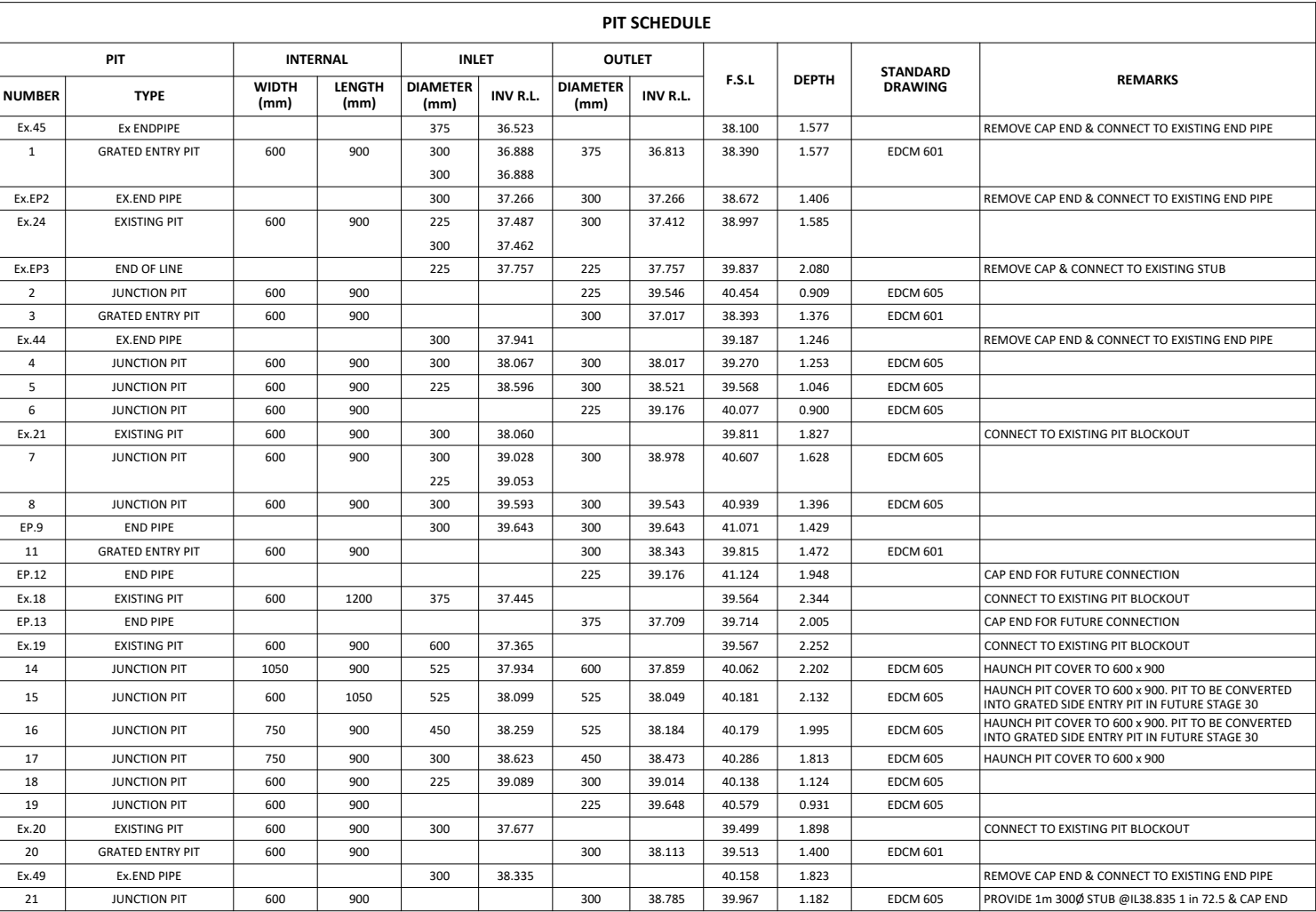
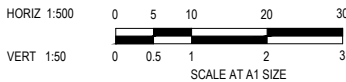
Project
Details
MERIDIAN CENTRAL ESTATE
STAGE 28
CITY OF CASEY
Drawing
Title
DRAINAGE LONGITUDINAL SECTIONS
(SHEET 2 OF 3)

Sheet 14 of 15

Scale
1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
1801767	28	401	A

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

[illegible]

Designed	E. BARCHAM
Date	10.05.2021
Drawn	N. TABUENA
Approved	M. FELICIANO
Date	12.05.2021
PS Number	PS842533R



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Project Details	MERIDIAN CENTRAL ESTATE STAGE 28 CITY OF CASEY
Drawing Title	DRAINAGE LONGITUDINAL SECTIONS (SHEET 3 OF 3) AND PIT SCHEDULE

Sheet 15 of 15

Scale

1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No
1801767	28	402