# THE PATCH - STAGE 01, WOLLERT

# JINDING DEVELOPMENTS CITY OF WHITTLESEA

### **CONSTRUCTION NOTES**

- A1. All works to be carried out in accordance with plans & current City of Whittlesea & VPA current
- A2. Council to be notified 7 (seven) clear days prior to commencement of works.
- A3. The Contractor must arrange the requisite inspections of the works with the Chief Executive Officer /or their representative as per the hold points in the Whittlesea City Council specifications
- Before commencement of works on trenches in excess of 1.5m deep, the civil contractors construction supervisor must be given 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
- A5. Where works are in the vicinity of existing services, these services are to be located & the various

- A8, 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 reinstatement at the
- A9. Refer to landscape architect plans for details of vehicle exclusion fencing around the perimeter of works.
- A11. A building permit must be obtained by contractor for any structural / retaining wall exceed 1.0m in height prior to the commencement of construction in accordance with Building Code of Australia.

#### SITE MANAGEMENT

- B1. Prior to commencement of works on site, the contractor must ensure that all matters relating to the Prior to commencement or works on site, me contractor must ensure that an intellest relating to the Occupational Health & Safety A2004, 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.

  Works to be undertaken in accordance with EPA and Melbourne Water guidelines.
- B2. Any infrastructure damage during the defects liability period is the responsibility of the Contractor or their representative and is to be reinstated to the satisfaction of the Chief Executive Officer/or their
- B3. At the completion of all works, all rubbish, debris and surplus spoil shall be removed and the site shall be cleared to the satisfaction of the Chief Executive Officer/or their representative.
- description for clean fill material in EPA Bulletin Publication No. 448 (September 1995) & subsequent revisions. The contractor shall provide verification including test certificates to the supervising engineer.
- B5. Prior to commencement of works, the contractor shall provide the following information
- Source of quarry material
   NA.T.A. approved test results for the F.C.R. that is to be used.
   If the source of the quarry material is changed during the course of the works, then new test results
- B6. Prior to commencement of works, the contractor must submit a SMP to the consultant for approval. The contractor must comply with the recommendations of the Environmental Protection Authority Publication No. 275 'Construction Techniques for Sediment Pollution Control'. Appropriate sitiation control is to be maintained throughout the construction a maintained throughout the construction as maintained throughout the construction and the construction as maintained throughout throughout throughout the construction as maintained throughout throughout
- B7. Prior to the commencement of works, Tree Protection Envelope fencing to be constructed as per River Red Gum Management plan by Treelogic (Ref: 011206).
- B8. 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's supervising engineer. Works to be approved by Melbourne Water.

#### ROADWORKS

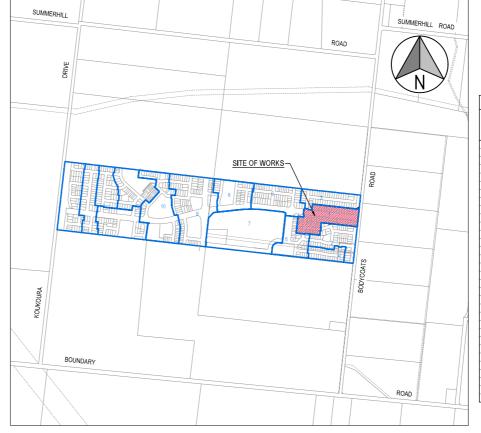
- Subsurface drains are to be placed behind all kerb & channel & buffer pitchers & where directed by the engineer (refer to VPA Standard Drawing EDCM 202). Where kerb & channel is located on title boundary AG's are to be placed beneath kerb & 750mm below top of kerb.
- Batters shall be 1 in 6 for cut & fill unless otherwise shown.
- C3 Lots to be graded & left clean to the satisfaction of the enginee
- C4. The water conduit offset from the lot boundary is given on the water reliculation plan. The contractor must construct conduits to accord with the given offset & ensure that the concreter marks the kerb & footpath exactly above the conduit.
- C5. All gas & water conduit types are PVC Class 12 for residential lots, 50mm diameter conduit for gas and 100mm diameter conduit for combined drinking and non-drinking water, All services to be constructed under the capping layer.
- Conduits are to be extended 600mm behind back of kerb & to be referenced on face of kerb. All services to be constructed under the capping layer
- C8. All driveways to be constructed in accordance with VPA standard drawing EDCM 501 & 502.
- C9 All kerbs are to be 600mm R2 Barrier kerb & channel unless noted otherwise
- C10. 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
- C11. Fill areas are to be stripped of topsoil, filled & topsoil replaced to obtain final fill levels as shown on plans. Filling to be clean clay compacted to a dry density not less than 95% of the maximum dry density value determined by the standard compaction test in accordance with Australian Standard AS1289.5.2,1-2003, All filling to be carried out in accordance with Austration Standard As 12493\_2, 1,2003, an limiting to be carried out in accordance with AS3798-2007. Sampling and testing in fill areas less than 200mm to comply with AS3798-2007 Section 8.3 (Level 2), Level 1 supervision and lesting to be carried out in accordance with AS3798-2007 Section 8.2 for all fill areas in excess of 200mm, A fill report must be submitted to the Consultant,
  - showing from a NATA registered soil testing laboratory.
- C12 All fire hydrants are to be marked in accordance with "Identification of Street Hydrants for Fire-Fighting Purposes' publication (developed by C.F.A., M.F.E.S.B. & N.R.E.). Markings to be via blue pavement marker and a (red topped) white post.
- C13. All footpaths in roads to be offset 50mm from property boundary. Footpaths constructed above existing level to be constructed on approved fill (to AS3798) of FCR into natural ground. All footpaths to be constructed in accordance with standard drawing EDCM 401.
- C14. Where Concrete paving crosses service trenches, sewerage and drainage, trenches shall be backfilled with compacted fine crushed rock (FCR.)
- C15. All material surrounding service authority pits located in footpaths must be adequately compacted in 150mm layers and tested to the satisfaction of the City of Whittlesea, prior to the construction of the footpath bays adjacent to these pits.

### DRAINAGE

- D1. Drainage & pits to be setout from offsets shown rather than from centerline pipe chainages.
- D2. All pipes to be Class 2 RCP unless otherwise specified & shall be RRJ up to & including 750mm diameter. All drains that cross under road pavements are to be RRJ Class 2 RCP.
- D3. Jointing for curved pipe alignment shall conform to manufacturer's specifications (RRJ for minor deflections or complete RC bandages).
- D4. House drain connections are to be placed 5.5m from the low corner of lot unless otherwise shown. Property inlets are to be placed 1.0m from the low corner of lot unless otherwise
- All drains behind kerb and channel shall be backfilled to match pavement subgrade level with 20mm Class 3 F.C.R. compacted to 95% of the maximum dry density value determined by the modified compaction test in accordance with A.S. 1289.5.2.1-2003.
- D6. Approved granular backfill to be provided where pipe trenches encroach under roadway due
- D7. Shallow cut off drains are to be provided on subdivision boundary where necessary.
- D8. Ag drains are to be connected between kerbs on each side of the road at the limit of works where the natural surface falls towards the new construction

#### PAVEMENT

- All fill construction beneath capping layer and or subgrade to be Type A selected material, selected, placed and compacted in accordance with Clause 20.6 of the Whittlesea City Council specification. All other fill outside of proposed pavements (including beneath footpaths) is to be structural fill placed in accordance with Construction Note C11.
- E2. Pavement depth may be modified as directed by the engineer with the approval of Council
- E3. The contractor is to organise & pay for testing of the pavement base course material & final layer of crushed rock, Tests to include nuclear densometer to ensure subgrade has reached optimum moisture content (OMC). A copy of the results is to be forwarded to the director of engineering or their representative. The results must meet the requirements of the City of Whittlesea specification before any works are required
- E4. All joints for concrete pavements shall be located and spaced in accordance with "Cemen and Concrete Association of Australia T51- Guide to Residential Street and Paths 2004".



Sheet List	Table	
BW DRAWING NO.	C&W DRAWING NO.	DESCRIPTION
1701289-01-001	3201-01-001	COVER SHEET
1701289-01-002	3201-01-002	TYPICAL ROAD CROSS SECTIONS
1701289-01-003	3201-01-003	PAVEMENT MAKEUP & GENERAL DETAILS
1701289-01-004	3201-01-004	RAISED PEDESTRIAN CROSSING DETAIL
1701289-01-010	3201-01-010	LAYOUT PLAN (SHEET 1 OF 2)
1701289-01-011	3201-01-011	LAYOUT PLAN (SHEET 2 OF 2)
1701289-01-100	3201-01-100	ROAD LONGITUDINAL SECTION (AUREOLIN BOULEVARD)
1701289-01-101	3201-01-101	ROAD LONGITUDINAL SECTION (NOIR ROAD & NEON WAY)
1701289-01-102	3201-01-102	ROAD LONGITUDINAL SECTION (MAGENTA DRIVE & LIGHT ST)
1701289-01-200	3201-01-200	ROAD CROSS SECTIONS AUREOLIN BOULEVARD (SHEET 1 OF 5)
1701289-01-201	3201-01-201	ROAD CROSS SECTIONS AUREOLIN BOULEVARD (SHEET 2 OF 5)
1701289-01-202	3201-01-202	ROAD CROSS SECTIONS AUREOLIN BOULEVARD (SHEET 3 OF 5)
1701289-01-203	3201-01-203	ROAD CROSS SECTIONS AUREOLIN BOULEVARD (SHEET 4 OF 5)
1701289-01-204	3201-01-204	ROAD CROSS SECTIONS AUREOLIN BOULEVARD (SHEET 5 OF 5)
1701289-01-205	3201-01-205	ROAD CROSS SECTIONS NOIR ROAD
1701289-01-206	3201-01-206	ROAD CROSS SECTIONS NEON WAY
1701289-01-207	3201-01-207	ROAD CROSS SECTIONS MAGENTA DRIVE (SHEET 1 OF 2)
1701289-01-208	3201-01-208	ROAD CROSS SECTIONS MAGENTA DRIVE (SHEET 2 OF 2)
1701289-01-300	3201-01-300	INTERSECTION DETAILS (SHEET 1 OF 6)
1701289-01-301	3201-01-301	INTERSECTION DETAILS (SHEET 2 OF 6)
1701289-01-302	3201-01-302	INTERSECTION DETAILS (SHEET 3 OF 6)
1701289-01-303	3201-01-303	INTERSECTION DETAILS (SHEET 4 OF 6)
1701289-01-304	3201-01-304	INTERSECTION DETAILS (SHEET 5 OF 6)
1701289-01-305	3201-01-305	INTERSECTION DETAILS (SHEET 6 OF 6)
1701289-01-350	3201-01-350	SIGNAGE & LINEMARKING PLANS (SHEET 1 OF 2)
1701289-01-351	3201-01-351	SIGNAGE & LINEMARKING PLANS (SHEET 2 OF 2)
1701289-01-400	3201-01-400	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 5)
1701289-01-401	3201-01-401	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 5)
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1701289-01-404	3201-01-404	DRAINAGE LONGITUDINAL SECTIONS (SHEET 5 OF 5) & PIT SCHEDULE
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FOR MELBOURNE WATER DRAINAGE REFER SEPARATE PLAN SET 4507-01-800 to 830

#### SITE PLAN

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## CITY OF WHITTLESEA

**ENGINEERING PLANS & SPECIFICATIONS** APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No.\_\_PS838325X

DEVELOPMENT ENGINEER

DATE APPROVED

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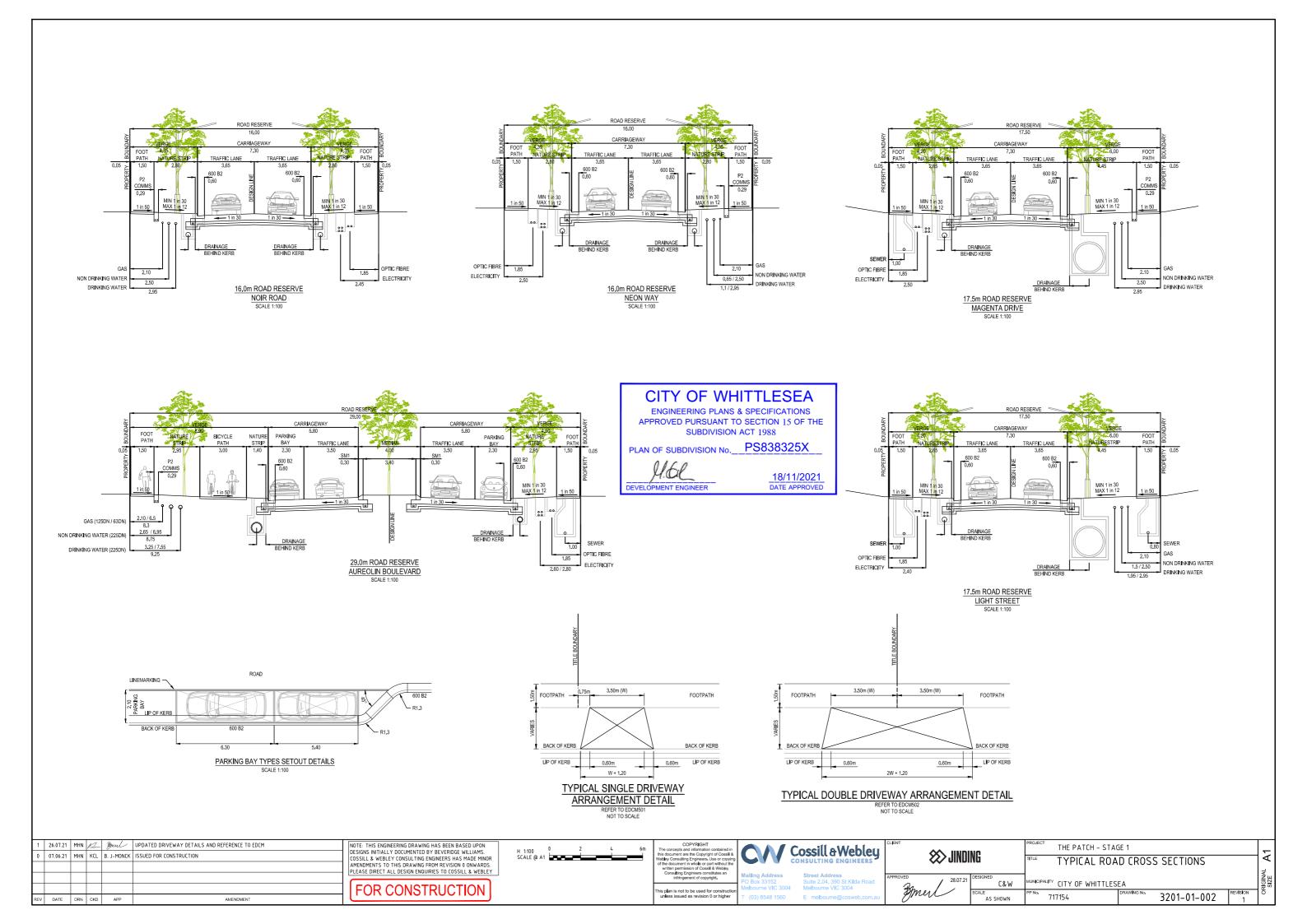
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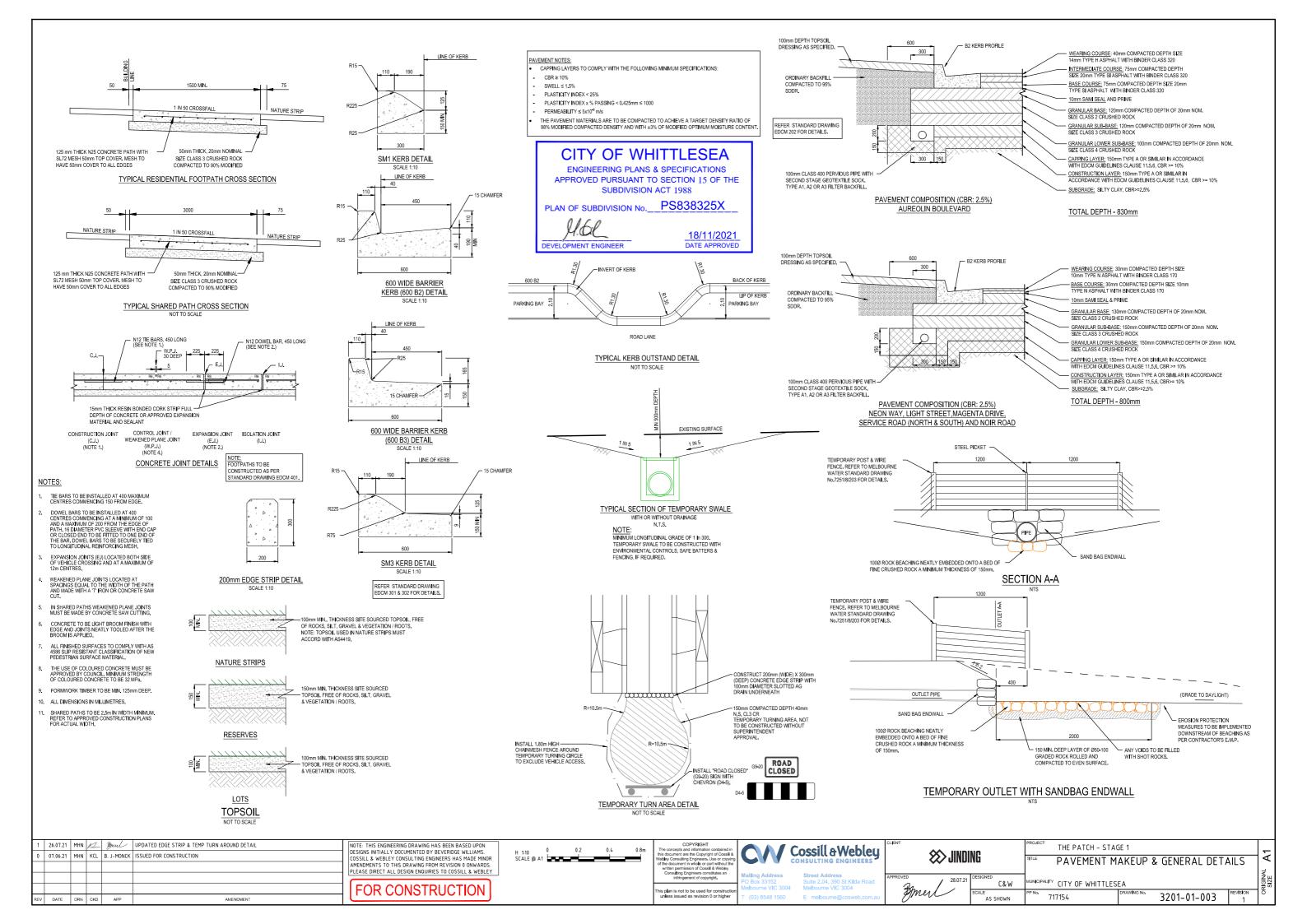
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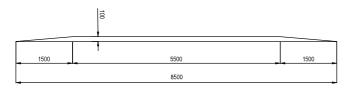




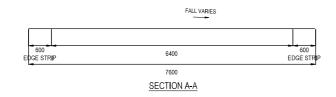
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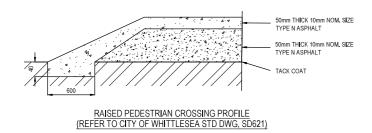


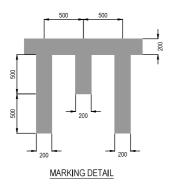


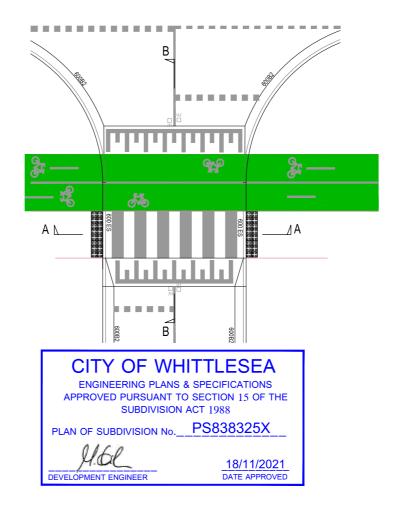


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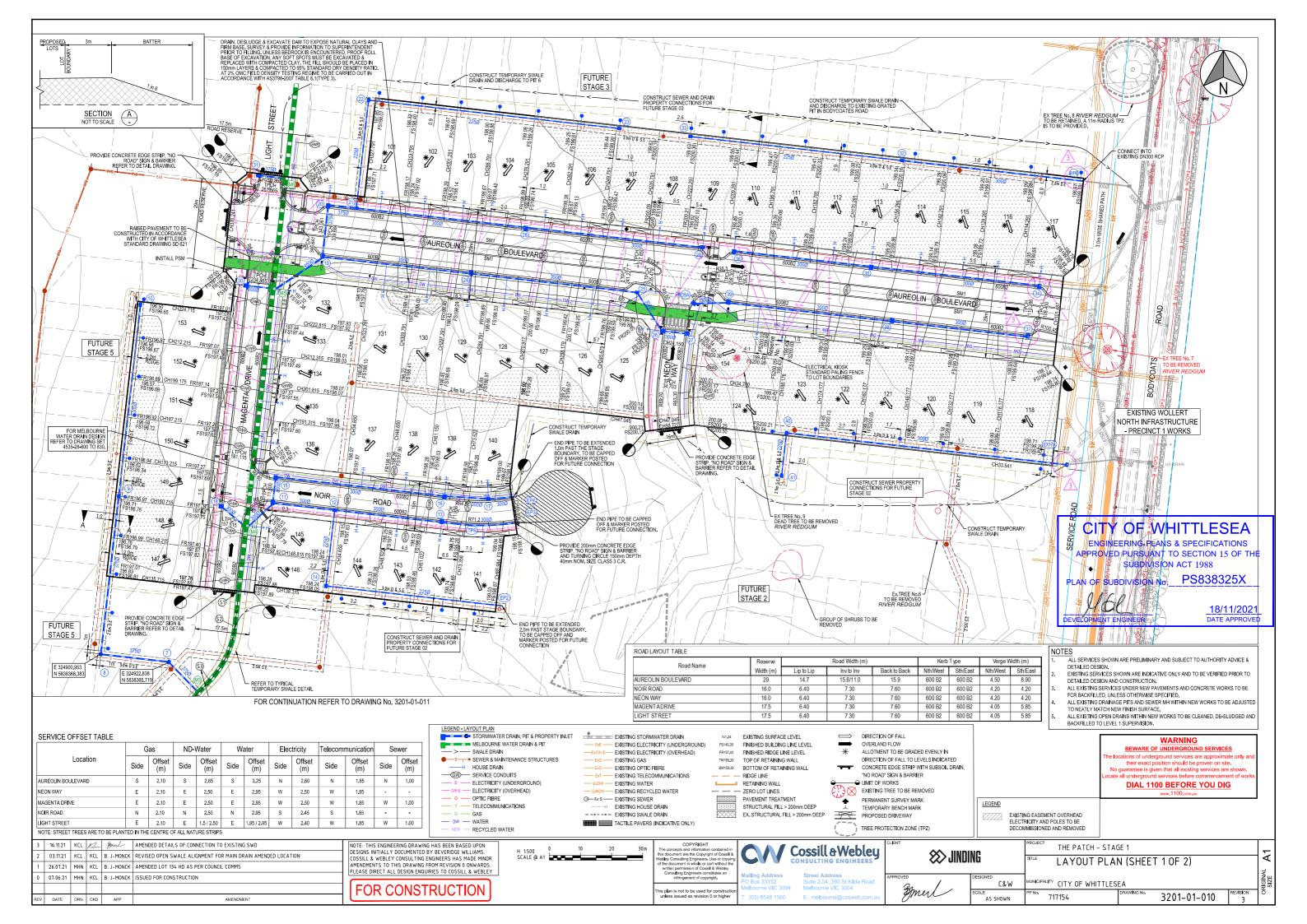
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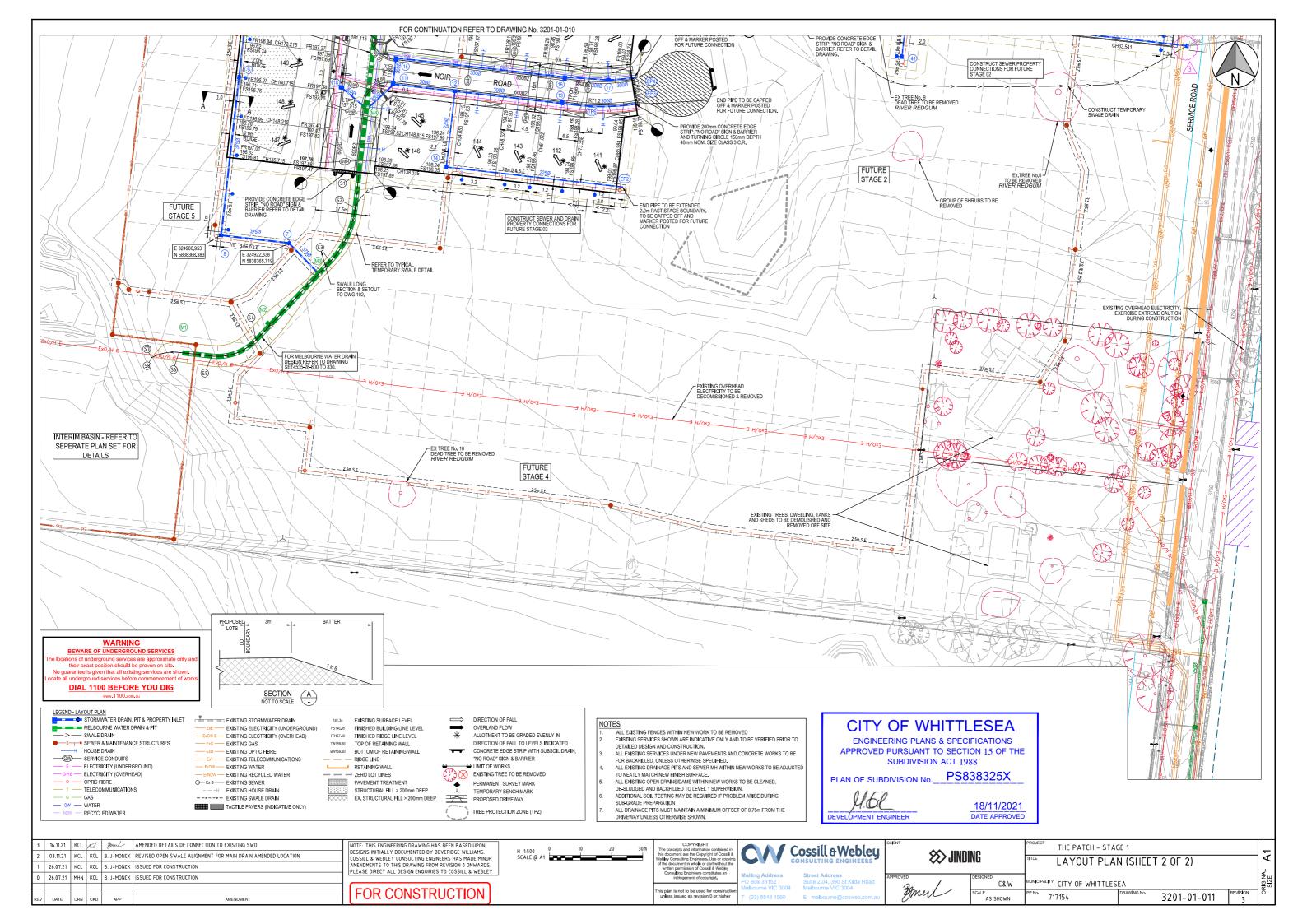
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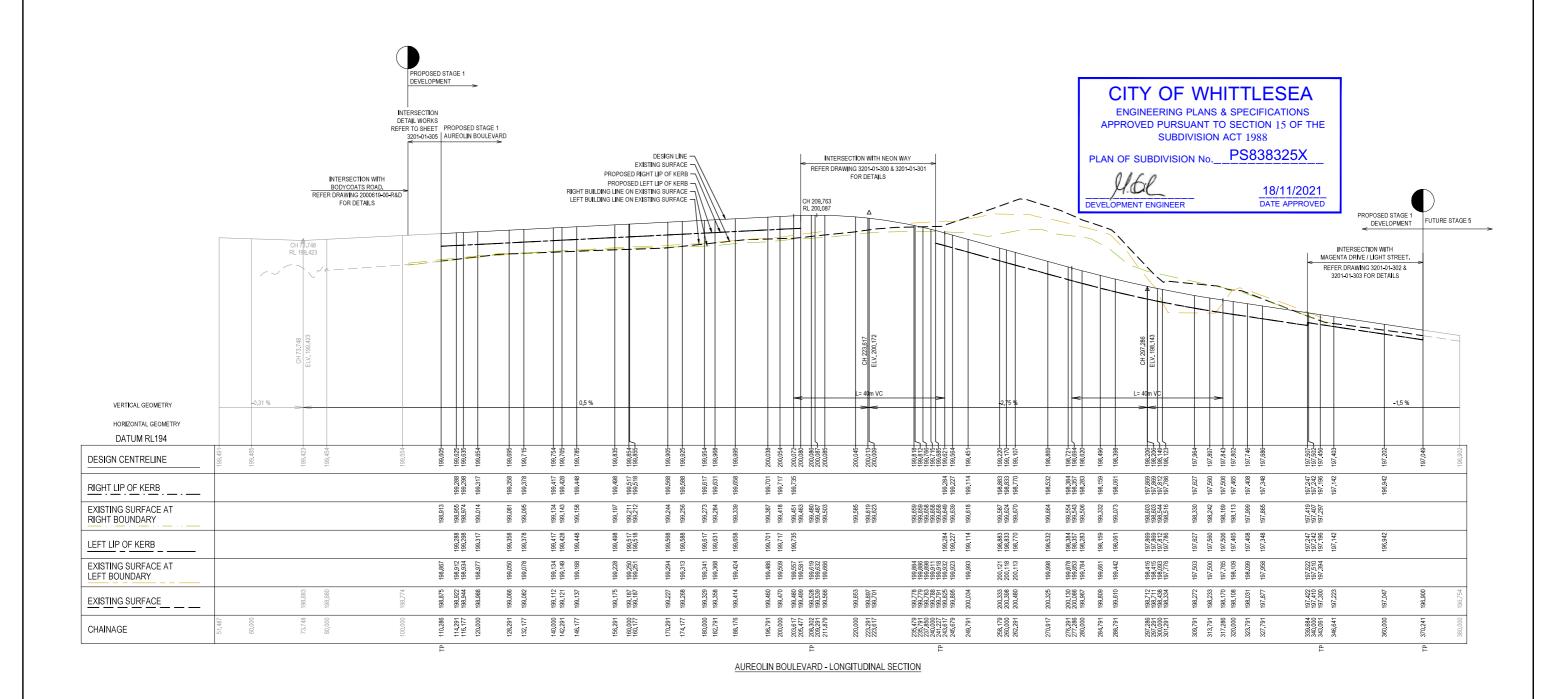
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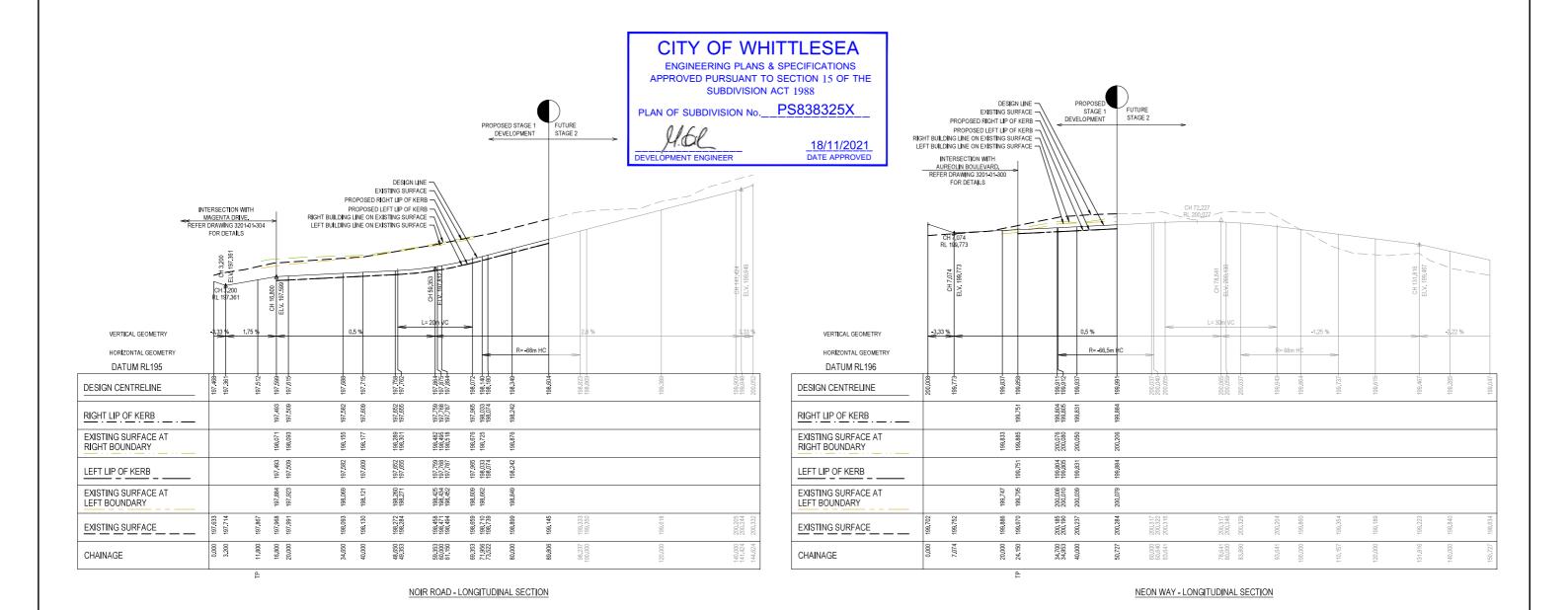
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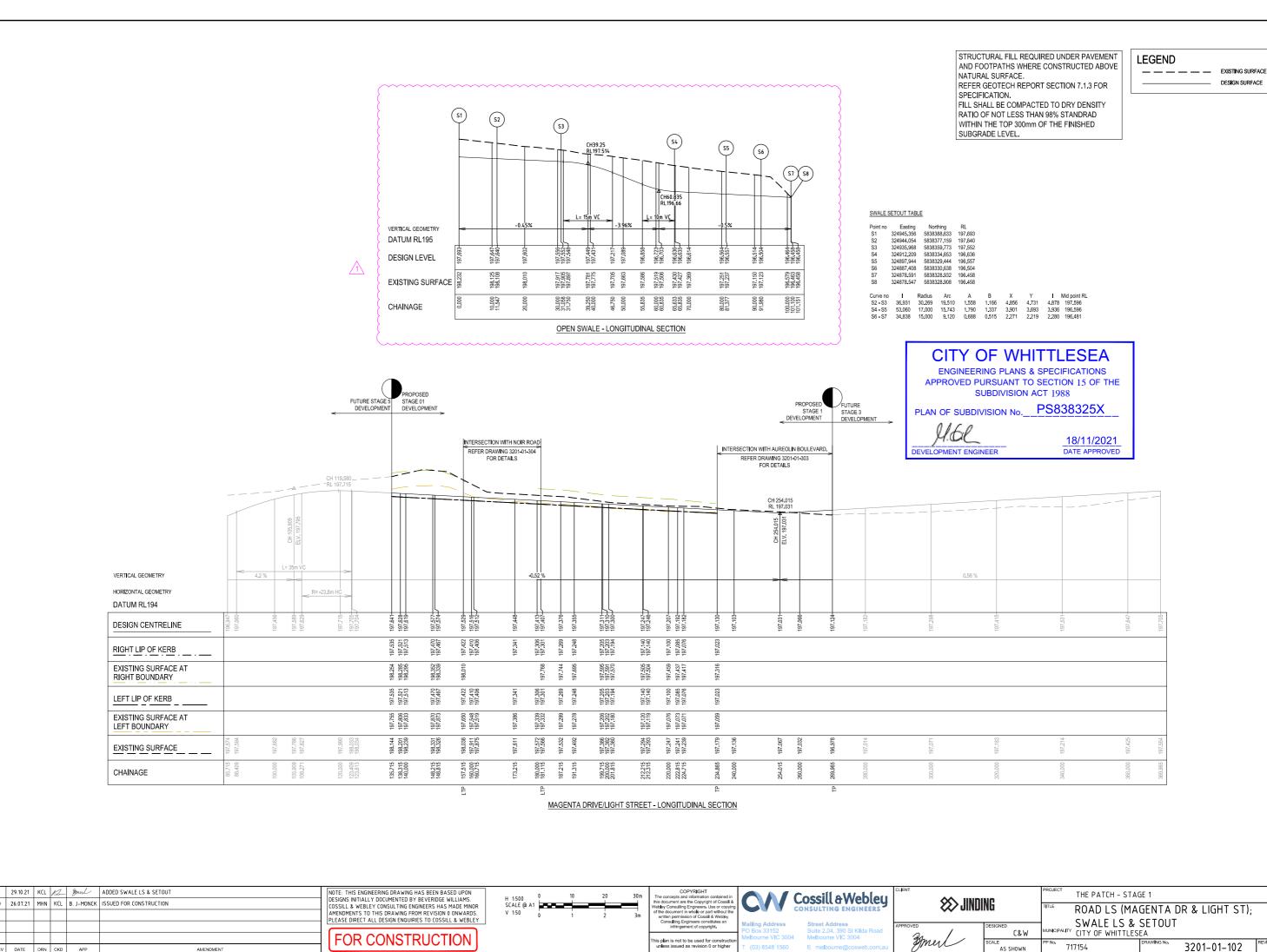
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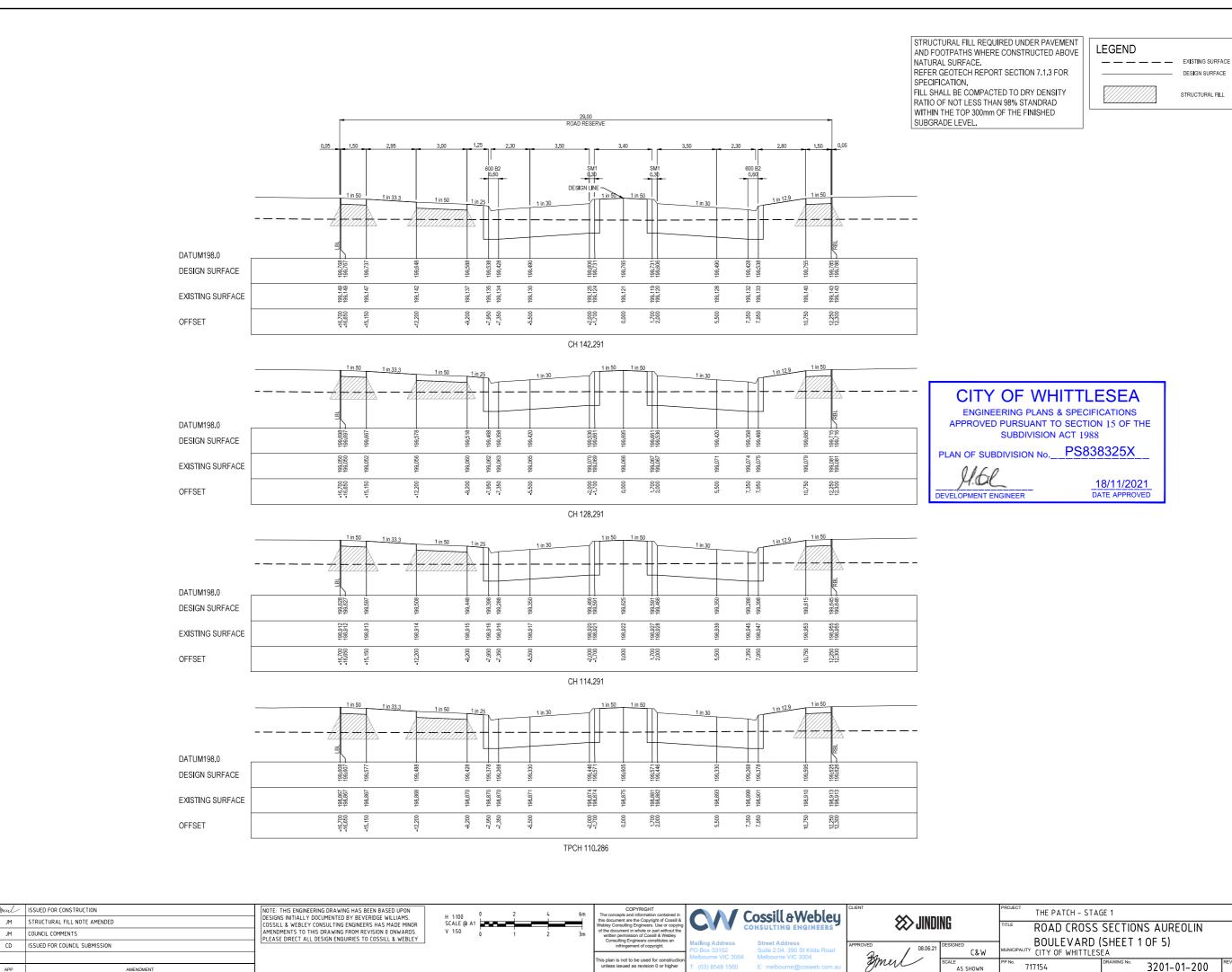
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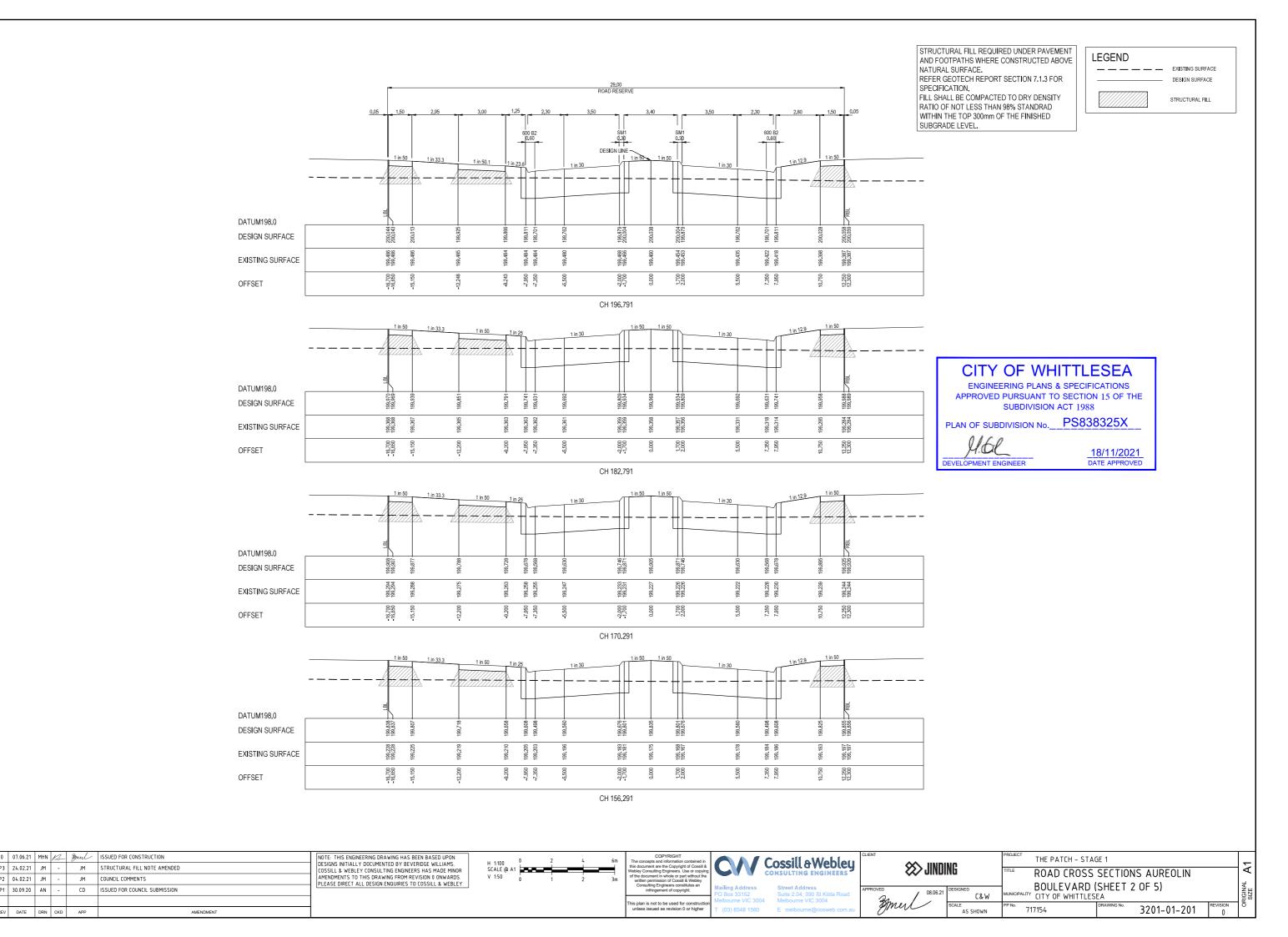
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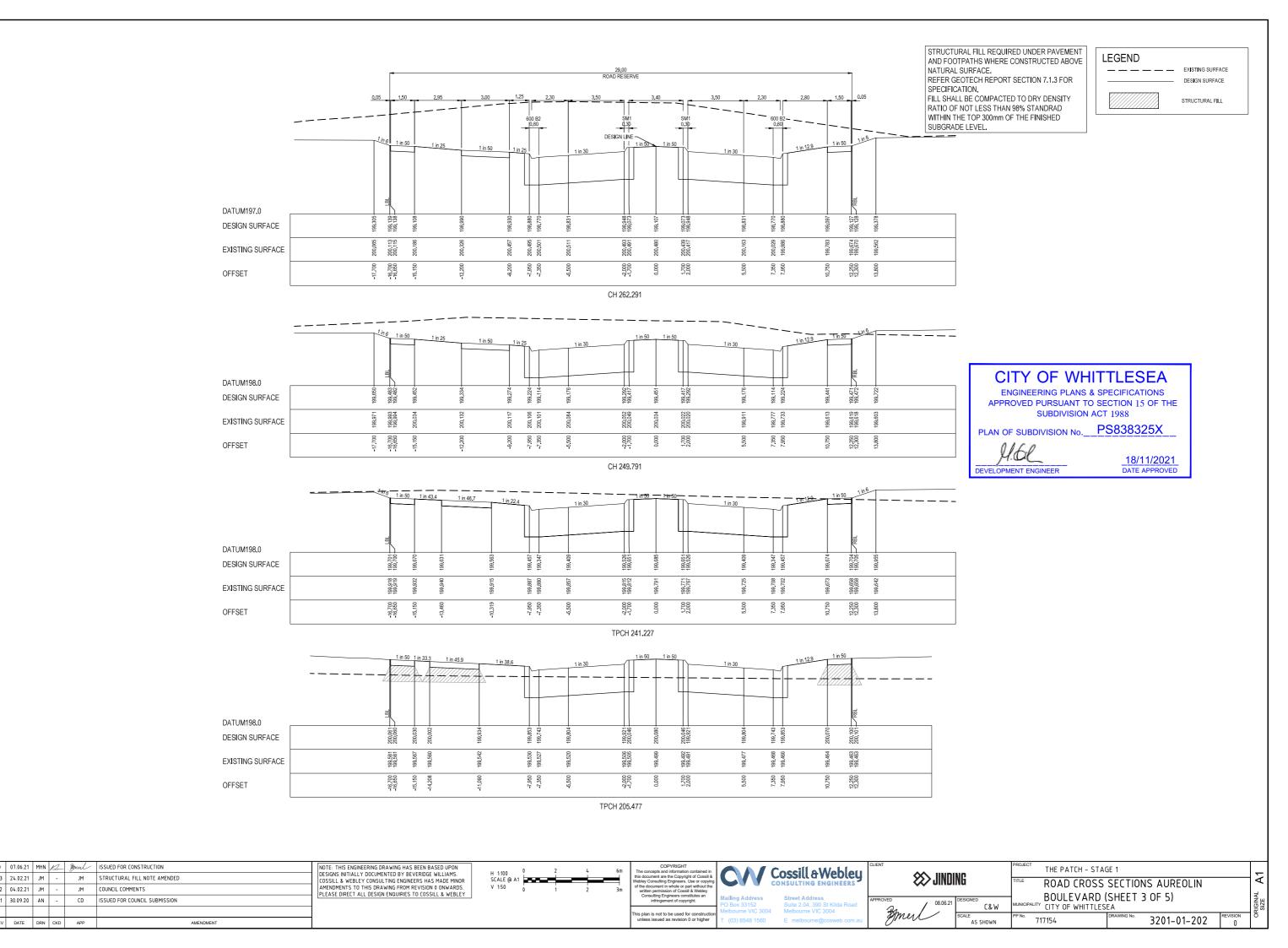
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### CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

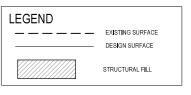
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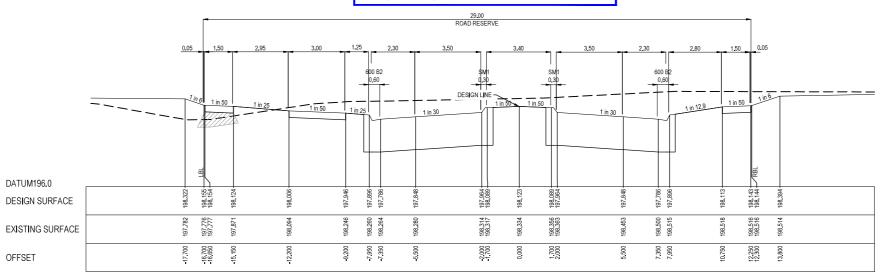
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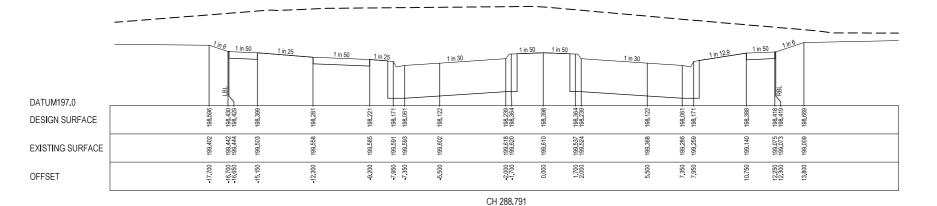
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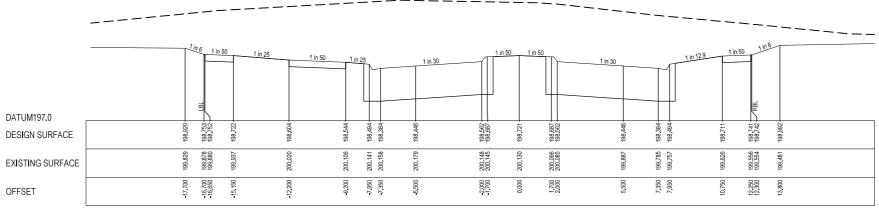
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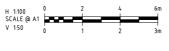
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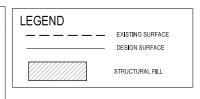


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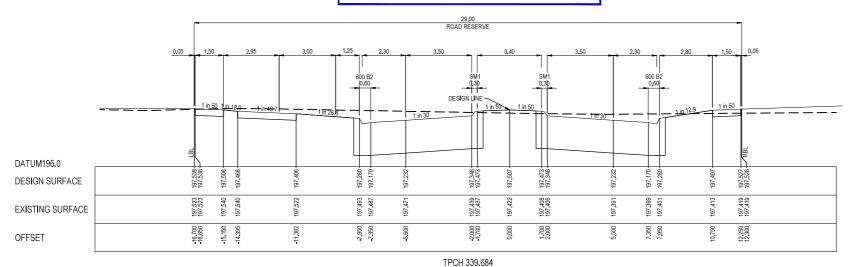
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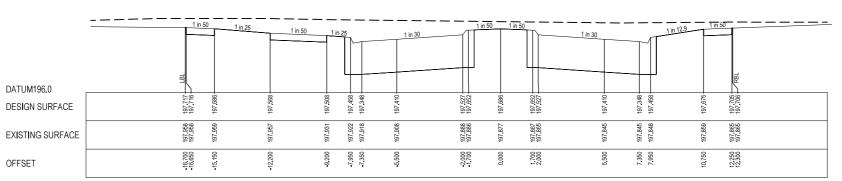
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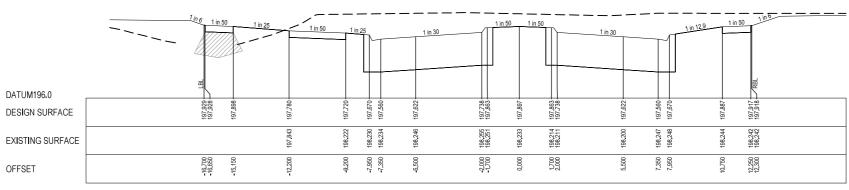
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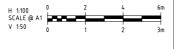
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PP №. 717154	3201-01-204	REVISION 0	ORI

STRUCTURAL FILL REQUIRED UNDER PAVEMENT LEGEND AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT SECTION 7.1.3 FOR DESIGN SURFACE SPECIFICATION. FILL SHALL BE COMPACTED TO DRY DENSITY STRUCTURAL FILL RATIO OF NOT LESS THAN 98% STANDRAD WITHIN THE TOP 300mm OF THE FINISHED SUBGRADE LEVEL. CITY OF WHITTLESEA **ENGINEERING PLANS & SPECIFICATIONS** APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988 PLAN OF SUBDIVISION No. PS838325X 16.00 ROAD RESERVE 18/11/2021 16.00 ROAD RESERVE DATE APPROVED 600 B2 1 in 25 1 in 50 1 in 50 DATUM197.0 198.743 198.743 198.743 DESIGN SURFACE DATUM196.0 EXISTING SURFACE 197.898 197.898 197.898 197.898 DESIGN SURFACE 7.950 8.000 7.950 OFFSET EXISTING SURFACE L.O.W. CH 89,806 7,950 8 000 7 950 3.200 OFFSET CH 48,650 1 in 6 1 in 50 DATUM197.0 DESIGN SURFACE DATUM196.0 197,828 197,828 197.871 197.871 DESIGN SURFACE EXISTING SURFACE 222 198,069 8,000 3.200 6.450 7.950 EXISTING SURFACE 88 OFFSET 7.950 3.200 7,950 OFFSET CH 73.522 CH 34,650 1 in 13.5 DATUM196.0 DATUM196.0 197.838 198.03 DESIGN SURFACE DESIGN SURFACE 197 884 197 884 198.452 198.453 198.518 198.518 EXISTING SURFACE EXISTING SURFACE 8.000 -7.950 -6.450 3.200 7.950 6.450 8,000 7.950 3.200 OFFSET OFFSET TPCH 16.800 CH 61.150 NOTE: THIS ENGINEERING DRAWING HAS BEEN BASED UPON DESIGNS INITIALLY DOCUMENTED BY BEVERIDGE WILLIAMS. COSSILL & WEBLEY CONSULTING ENGINEERS HAS MADE MINOR AMENDMENTS TO THIS DRAWING FROM REVISION 0 ONWARDS. PLEASE DIRECT ALL DESIGN ENQUIRIES TO COSSILL & WEBLEY COSSILL & Webley 07.06.21 MHN 12 Foul ISSUED FOR CONSTRUCTION THE PATCH - STAGE 1 H 1:100 0 2 SCALE @ A1 **\$\Sigma** JINDING JM STRUCTURAL FILL NOTE AMENDED ROAD CROSS SECTIONS NOIR ROAD 2 04.02.21 JM JM COUNCIL COMMENTS CD ISSUED FOR COUNCIL SUBMISSION <sup>ICIPALITY</sup> CITY OF WHITTLESEA 717154 3201-01-205

16.00 ROAD RESERVE DESIGN LINE -1 in 30 1 in 30 1 in 30 DATUM199.0 200.113 DESIGN SURFACE 200,208 EXISTING SURFACE 8 000 3.200 7.950 OFFSET L.O.W. CH 50,727 1 in 30 1 in 30 CITY OF WHITTLESEA

3.200

ENGINEERING PLANS & SPECIFICATIONS APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

200,077

7.950

PLAN OF SUBDIVISION No. PS838325X

DEVELOPMENT ENGINEER

18/11/2021 DATE APPROVED

	 1 in 6	11130	1 in 12		- - - -	- <u> </u>		1 in 30		1 in 30	11	n 50	1	
DATUM198.0 DESIGN SURFACE	200.362	200.112 200.112	200,082	199,861	199,751		199.858		199.751	199.861	199,950	199.980 199.980 RBI	200,070	
EXISTING SURFACE	199.765	199.795 199.796	199,829	199,887	199,900		199.970		199,985	199.972	199.918	199.886 199.885	199,918	
OFFSET	-9.500	-8.000	-6.450	-3,800	-3.200		0.000		3.200	3.800	6.450	7.950	9,000	

CH 34.700

TPCH 24.150

200.165-200.165-

200.008

8.000 7.950

0	07.06.21	MHN	12	Bonerl	ISSUED FOR CONSTRUCTION	N
Р3	24.02.21	JM	-	JM	STRUCTURAL FILL NOTE AMENDED	Di
P2	04.02.21	JM	-	JM	COUNCIL COMMENTS	A Pi
P1	30.09.20	AN	-	CD	ISSUED FOR COUNCIL SUBMISSION	E
REV	DATE	DRN	CKD	APP	AMENDMENT	

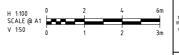
DATUM198.0

OFFSET

DESIGN SURFACE

EXISTING SURFACE

NOTE: THIS ENGINEERING DRAWING HAS BEEN BASED UPON DESIGNS INITIALLY DOCUMENTED BY BEVERIDGE WILLIAMS. COSSILL & WEBLEY CONSULTING ENGINEERS HAS MADE MINOR AMENDMENTS TO THIS DRAWING FROM REVISION 0 ONWARDS. PLEASE DIRECT ALL DESIGN ENQUIRIES TO COSSILL & WEBLEY







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	APPROVED
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IINDI	NO	THE PATCH - STA	GE 1		1
JINDI	Nti	ROAD CROSS	SECTIONS NEON WAY		] ⊲
08.06.21	DESIGNED C&W	MUNICIPALITY CITY OF WHITTLES	EA		ORIGINAL
	SCALE AS SHOWN	PP №. 717154	DRAWING No. 3201-01-206	REVISION ()	ð

STRUCTURAL FILL REQUIRED UNDER PAVEMENT

AND FOOTPATHS WHERE CONSTRUCTED ABOVE

REFER GEOTECH REPORT SECTION 7.1.3 FOR

FILL SHALL BE COMPACTED TO DRY DENSITY

RATIO OF NOT LESS THAN 98% STANDRAD WITHIN THE TOP 300mm OF THE FINISHED

NATURAL SURFACE.

SPECIFICATION,

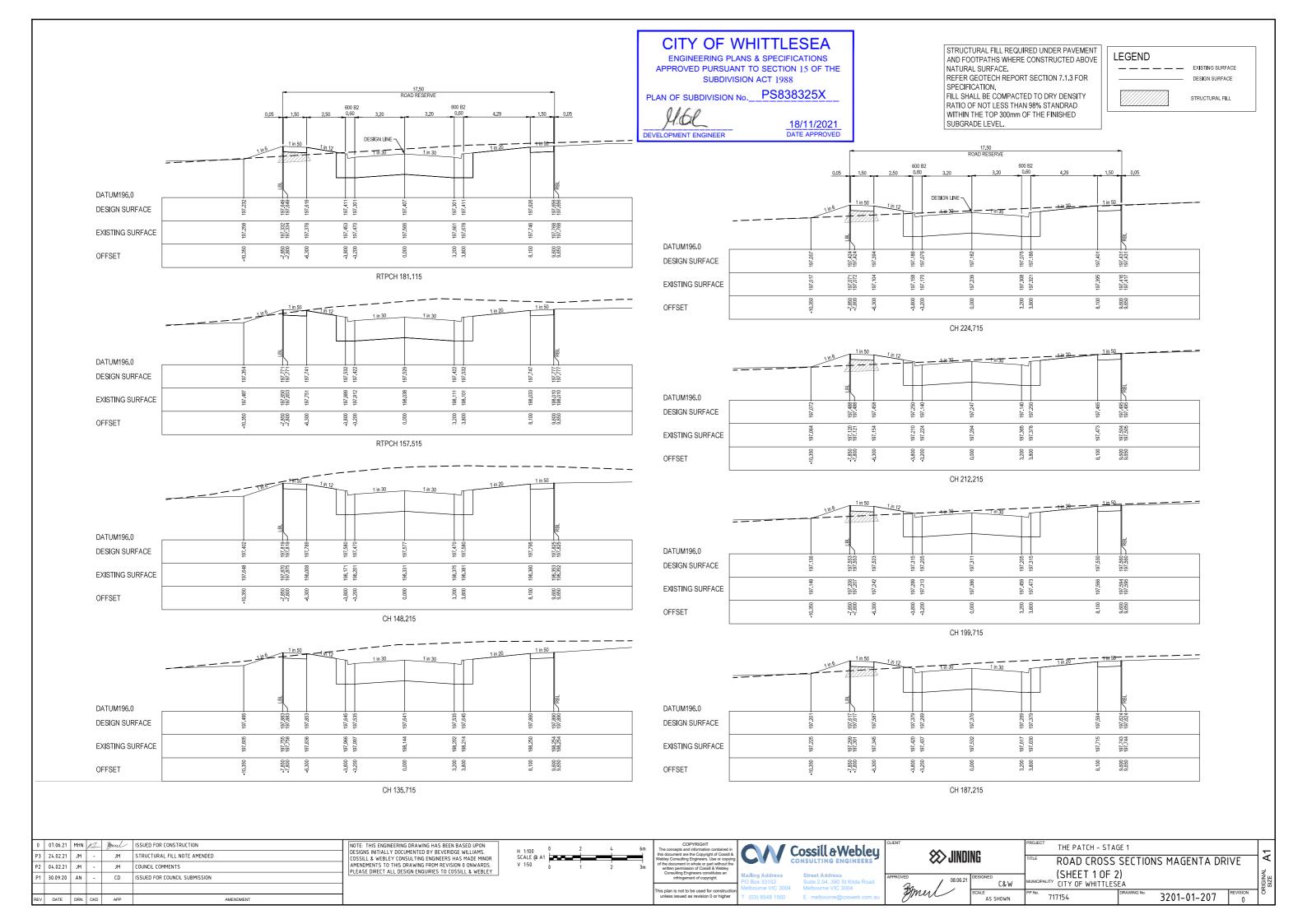
SUBGRADE LEVEL.

LEGEND

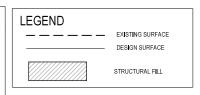
\_\_ \_ \_ \_ EXISTING SURFACE

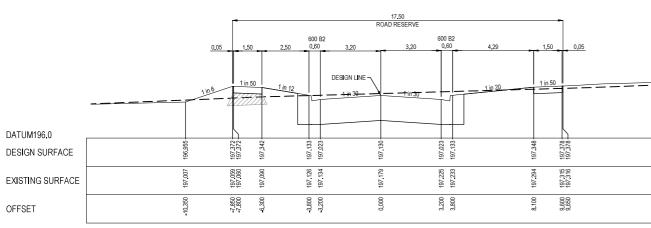
DESIGN SURFACE

STRUCTURAL FILL



STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT SECTION 7.1.3 FOR SPECIFICATION, FILL SHALL BE COMPACTED TO DRY DENSITY RATIO OF NOT LESS THAN 98% STANDRAD WITHIN THE TOP 300mm OF THE FINISHED SUBGRADE LEVEL.





### CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PS838325X PLAN OF SUBDIVISION No.\_

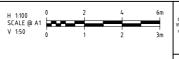
H.G.L DEVELOPMENT ENGINEER

18/11/2021 DATE APPROVED

TPCH 234.865

REV	DATE	DRN	CKD	APP	AMENDMENT	
P1	30.09.20	AN	-	CD	ISSUED FOR COUNCIL SUBMISSION	
P2	04.02.21	JM	-	JM	COUNCIL COMMENTS	P
Р3	24.02.21	JM	-	JM	STRUCTURAL FILL NOTE AMENDED	0
0	07.06.21	MHN	12-	2mel	ISSUED FOR CONSTRUCTION	N

NOTE: THIS ENGINEERING DRAWING HAS BEEN BASED UPON DESIGNS INITIALLY DOCUMENTED BY BEVERIDGE WILLIAMS. COSSILL & WEBLEY CONSULTING ENGINEERS HAS MADE MINOR AMENDMENTS TO THIS DRAWING FROM REVISION 0 ONWARDS. PLEASE DIRECT ALL DESIGN ENQUIRIES TO COSSILL & WEBLEY



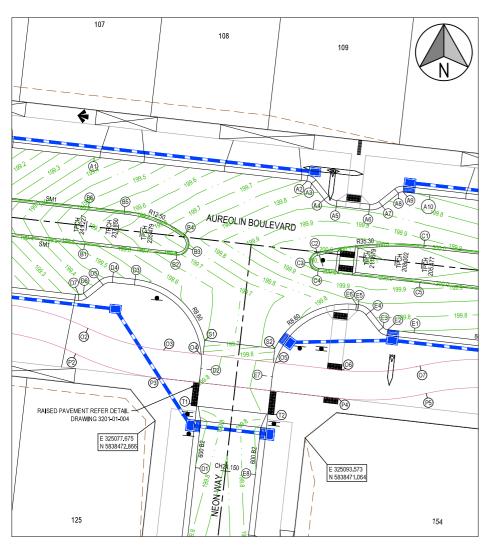
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Consulting Engineers constitutes an infringement of copyright.	Mailing Add

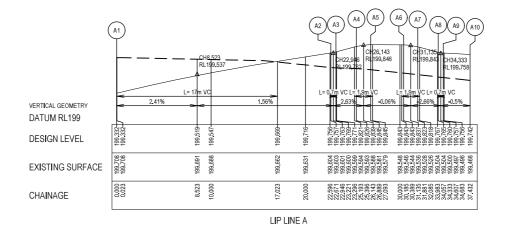
This plan is not to be used for construct unless issued as revision 0 or higher

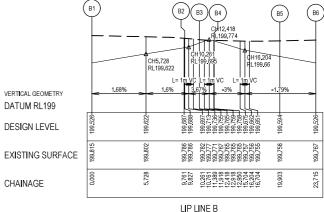
CONSULTING ENGINEERS
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SS JINDI	NG
PPROVED 08.06.21	C&W
Mel	AS SHOWN

THE PATCH - STAGE 1 TITLE ROAD CROSS SECTIONS MAGENTA DRIVE  (SHEET 2 OF 2)  MUNICIPALITY CITY OF WHITTLESEA  PP No. 717154  DRAWING No. 3201-01-208  REVIS				
	TITLE ROAD CROSS	SECTIONS	MAGENTA DRI	VE
		DRAWING No.	201-01-208	REVISION







#### Alignment A

A4 - A5

A6 - A7

A8 - A9

Point no	Easting	Northing	RL
A1	325071,234	5838500.819	199.332
A2	325093.761	5838498.266	199.757
A3	325094.229	5838498.007	199.769
A4	325095.585	5838496.305	199.826
A5	325096.857	5838495.600	199.845
A6	325100.335	5838495.206	199.843
A7	325101,732	5838495,608	199,823
A8	325103,434	5838496,963	199,765
A9	325103.949	5838497.111	199.757
A10	325106.757	5838496,793	199,742

A2 - A3 45.000 0.700 0.550

1.900

1.900

0.700

45.000

45.000

45.000

1.492

1.492

0.550

CITY OF WHITTLESEA
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**ENGINEERING PLANS & SPECIFICATIONS** APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PS838325X PLAN OF SUBDIVISION No.\_

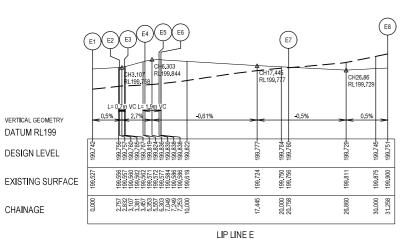
18/11/2021 DEVELOPMENT ENGINEER DATE APPROVED

Α	В	Χ	Υ	IN	/lid point RL	
0.053	0.040	0.137	0.131	0.137	199.763	
0.145	0.108	0.371	0.356	0.373	199.839	
0.145	0.108	0.371	0.356	0.373	199.837	
0.053	0.040	0.137	0.131	0.137	199.760	

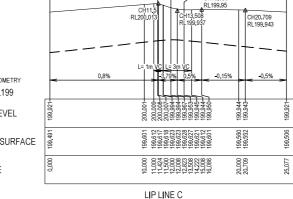
#### Alignment B

Point no	Easting	Northing	RL
B1	325070.181	5838491.529	199,526
B2	325079.946	5838490.422	199.688
B3	325081.194	5838491.167	199.736
B4	325080.809	5838492.568	199.758
B5	325074.420	5838495.074	199.594
B6	325070.631	5838495.503	199,526

Radius I Mid point RL Curve no 74,560 1,200 1,562 0,245 0,182 0,384 0,343 0,390 199,708 74,560 1,200 1,562 0,245 0,182 0,384 0,343 0.390 199.762 31.866 12.500 6.952 0.480 0.360 1.732 1.699

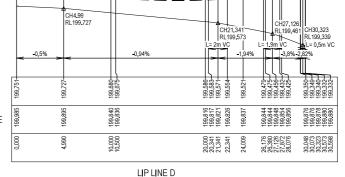


VERTICAL GEOMETRY DATUM RL199 DESIGN LEVEL EXISTING SURFACE CHAINAGE



VERTICAL GEOMETRY DATUM RL199 DESIGN LEVEL EXISTING SURFACE

CHAINAGE



SWALE DRAIN

SEWER & MAINTENANCE STRUCTURES HOUSE DRAIN
TACTILE PAVERS (INDICATIVE ONLY) EXISTING HOUSE DRAIN RETAINING WALL PAVEMENT TREATMENT CONCRETE EDGE STRIP WITH SUBSOIL DRAIN. "NO ROAD" SIGN & BARRIER ₩ LIMIT OF WORKS
EXISTING TREE TO BE
PERMANENT SURVE EXISTING TREE TO BE REMOVED PERMANENT SURVEY MARK

PROPOSED DRIVEWAY

STORMWATER DRAIN, PIT & PROPERTY INLET

MELBOURNE WATER DRAIN & PIT

LEGEND

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#### Alignment C

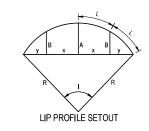
Point no	Easting	Northing	RL
C1	325106.154	5838491.477	199.921
C2	325094,807	5838490,691	200,008
C3	325094,038	5838489.659	199.967
C4	325094.924	5838488.724	199.945
C5	325105,710	5838487,502	

Curve no C1 - C2 C2 - C3 18.543 35.300 11.424 0.461 0.346 2.853 2.834 2.856 199.966 80.151 1.000 1.399 0.235 0.174 0.343 0.301 0.350 199.989 1,399 0,235 0,174 0,343 0,301

### Alignment D

Point no	Easting	Northing	RL
D1	325081.943	5838467.904	199.751
D2	325083.125	5838478.337	199.675
D3	325075.549	5838487.851	199.521
D4	325073.193	5838488.118	199.475
D5	325071.795	5838487.716	199.432
D6	325070,093	5838486,361	199.350
D7	325069,578	5838486,213	199.332

Curve no	ı	Radius	Arc	Α	В	Χ	Υ	ı	Mid point RL
D2 - D3	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	199.612
D4 - D5	45.000	1.900	1.492	0.145	0.108	0.371	0.356	0.373	199.456
D6 - D7	45.000	0.700	0.550	0.053	0.040	0.137	0.131	0.137	199.340



0	07.06.21	MHN	12	Bonul	ISSUED FOR CONSTRUCTION
P2	04.02.21	JM	-	JM	COUNCIL COMMENTS
P1	30.09.20	AN	-	CD	ISSUED FOR COUNCIL SUBMISSION
DEV	DATE	DDN	CKD	ADD	AMENDMENT

0.700 1.900

8.600

Northing

5838482.764

5838482.186 199.742

5838482.505 199.757

5838484.466 199.824

5838485.170 199.839

5838485,193 199,838

5838477.616 199.760

5838467.183 199.751

199.765

0.550 0.053 0.040 1.492 0.145 0.108

CHAINAGE

Alignment E Point no

E5

E6

E7

E8

Curve no

E2 - E3

Easting

325105.107

325102.294

325101.825

325100.470

325099.197

325098.999

325089 485

325088.302

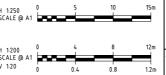
45.000 45.000

90.000

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X Y I Mid point RL 0.137 0.131 0.137 199.760 0.371 0.356 0.373 199.836

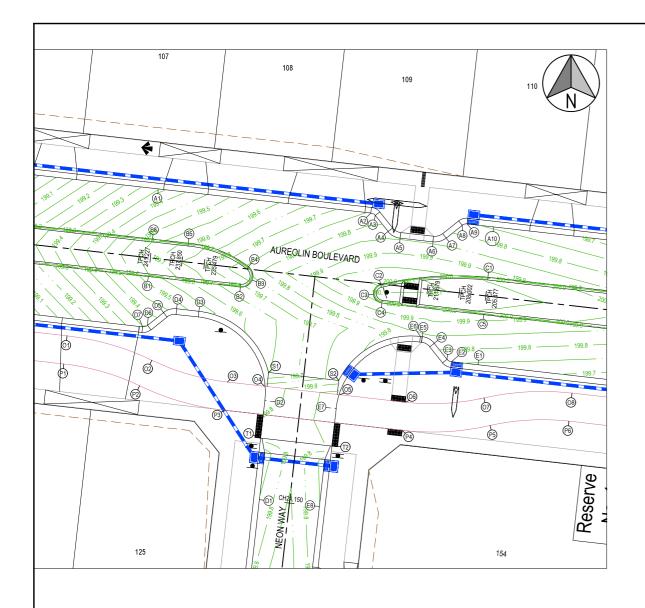
13.509 2.519 1.864 3.291 2.790 3.377 199.797

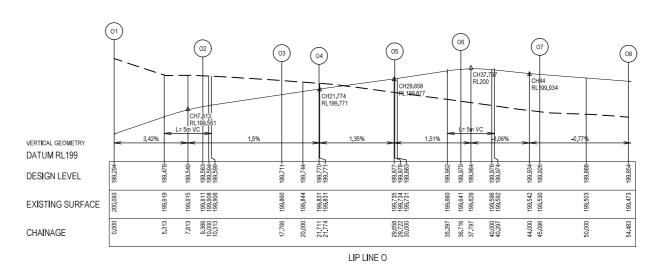


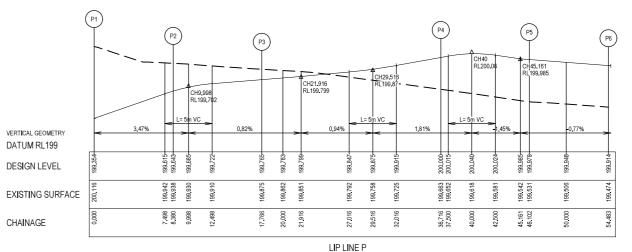


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	APPROVED 08.06.21	DESIGNED C&W	MUNICIF
u	gmed	SCALE AS SHOWN	PP No.

π ★ IINDINC		THE PATCH - STAGE 1			_	
XX JINUING		INTERSECTION DETAILS (SHEET 1 OF 6)		A		
ROVED	DESIGNED	1				₹u
08.06.21	L&W	MUNICIPALITY CITY OF WHITTLE	SEA			ORIGINAL SIZE
gmed	AS SHOWN	PP No. 717154	DRAWING No.	3201-01-300	REVISION ()	0
		•				







t 0	Alignment
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Point no	Easting	Nort	ning	KL					
01	325061.58	32 583	3485.257	199.294					
02	325070.5	59 583	3482.671	199.583					
O3	325078.57	75 5838	3480.362	199.711					
04	325082.49	94 5838	3479.918	199.770					
O5	325090.4	54 583	3479.015	199.878					
06	325097.40	04 5838	3478.228	199.979					
07	325105.73	32 583	3478,684	199,926					
08	325115.06	5838	3479.195	199.854					
Curve no	ļ	Radius	Arc	Α	В	Χ	Υ	1 1	Viid point RL
01 - 02	19.206	28.000	9.386	0.392	0.294	2.344	2.327	2.347	199.455
02 - 03	19,206	25.000	8.380	0.350	0.263	2,093	2.078	2.095	199.648
06 - 07	19.205	25.000	8.380	0.350	0.263	2.092	2.078	2.095	199.967

### Alignment P

2 04.02.21 JM

P1 30.09.20 AN

07.06.21 MHN A Boul ISSUED FOR CONSTRUCTION

JM COUNCIL COMMENTS CD ISSUED FOR COUNCIL SUBMISSION

07 - 08

	_									
Point no	Easting		rthing	RL						
P1	325061.2	44 583	38482,276	199,354	4					
P2	325069.2	60 583	38479,967	199,643	3					
P3	325078.2	37 583	38477,381	199.76	5					
P4	325097.0	66 583	38475,247	200.000	)					
P5	325106.3	94 583	38475.758	199,978	3					
P6	325114.7	23 583	38476.215	199.91	4					
Curve no	I	Radius	Arc	Α	В	Χ	Υ	I M	lid point RL	
P1 - P2	19.206	25.000	8.380	0.350	0.263	2.093	2.078	2.095	199.500	
P2 - P3	19.206	28.000	9.386	0.392	0.294	2.344	2.327	2.347	199.727	
P4 - P5	19.206	28.000	9.386	0.392	0.294	2.344	2.327	2.347	200.036	
P5 - P6	19,206	25,000	8,380	0.350	0.263	2.093	2.078	2.095	199,946	

19.208 28.000 9.387 0.392 0.294 2.344 2.328 2.347 199.890

### Alignment S

Point no	Easting	Northing	RL
S1	325082,927	5838481.379	199,646
S2	325090,359	38480.536	199.775

### Alignment T

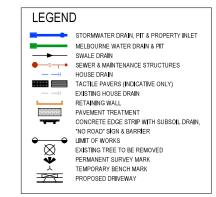
Point no	Easting	Northing	RL
T1	325082,079	5838474.430	199.822
T2	325089.630	5838473.574	199.850

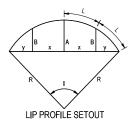
### CITY OF WHITTLESEA

**ENGINEERING PLANS & SPECIFICATIONS** APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

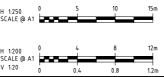
PLAN OF SUBDIVISION No. PS838325X

H.GL 18/11/2021 DEVELOPMENT ENGINEER





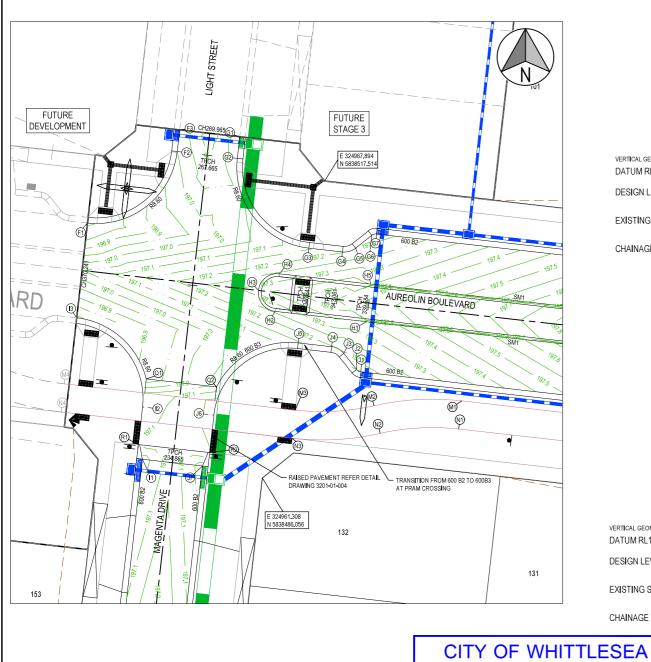
		NOTE: THIS ENGINEERING DRAWING HAS BEEN BASED UPON	
		DESIGNS INITIALLY DOCUMENTED BY BEVERIDGE WILLIAMS.	
	Ш	COSSILL & WEBLEY CONSULTING ENGINEERS HAS MADE MINOR	
	П	AMENDMENTS TO THIS DRAWING FROM REVISION 0 ONWARDS.	
_	П	PLEASE DIRECT ALL DESIGN ENQUIRIES TO COSSILL & WEBLEY	
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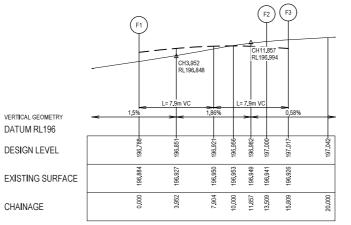






CLIENT MINING		PROJECT THE PATCH - STA	GE 1			_
<b>&gt; JINDING</b>	INTERSECTIO	N DETAII	LS (SHEET 2 OF	6)	] <	
APPROVED 08.06.21 DESIGNED	C&W	MUNICIPALITY CITY OF WHITTLES	SEA			ORIGINAL
Emel SCALE AS S	H0WN	PP №. 717154	DRAWING No.	3201-01-301	REVISION ()	ō





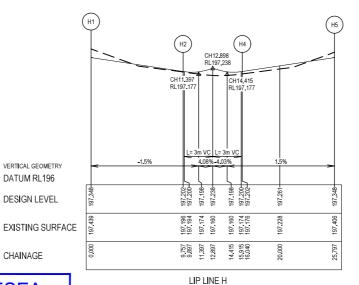
#### LIP LINE F

Point no Easting F1 324942.782 F2 324952.296 F3 324952.555 Northing RL 5838513 064 196 788 5838520 641 197 000 5838522.926 197.017

Alignment F

 Curve no
 I
 Radius
 Arc
 A
 B
 X
 Y
 I
 Mid point RI

 F1 - F2
 90.000
 8.600
 13.509
 2.519
 1.864
 3.291
 2.790
 3.377
 196,900



### **ENGINEERING PLANS & SPECIFICATIONS** APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No.\_\_PS838325X

4.6l DEVELOPMENT ENGINEER

18/11/2021

CHAINAGE

Alignment H	

Northing RL 5838502.617 197.348 5838503.716 197.202 5838505.929 197.238 5838507.691 197.202 Point no H1 H2 H3 H4 H5 Easting 324972.351 324962.656 324960.894 324963.107 324972.801 5838506.592 197.348

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

 H2-H3
 90,000
 2,000
 3,142
 0,586
 0,434
 0,765
 0,649
 0,785
 197,197

 H3-H4
 90,000
 2,000
 3,142
 0,586
 0,434
 0,765
 0,649
 0,785
 197,197

## CH5.65 RL197.039 VERTICAL GEOMETRY DATUM RL196 DESIGN LEVEL 197.049 177 196 196 EXISTING SURFACE CHAINAGE LIP LINE G Alignment G Northing RL 5838522.205 197.017 5838519.920 197.022 5838510.406 197.142 5838510.003 197.196 5838510.405 197.197 5838511.760 197.169 5838511.908 197.170 324958.915 324958.656 324966.232 324969.789 324971.187 324972.889 324973.404 Curve no I Radius Arc A B X Y I Mid point RL G2 - G3 90,000 8,600 13,509 2,519 1,864 3,291 2,790 3,377 197,064 G4 - G5 45,000 1,900 0,1492 0,145 0,108 0,371 0,356 0,373 197,166 G6 - G7 45,000 0,700 0,550 0,053 0,040 0,137 0,131 0,137 197,166

G1 (G2)

(I2) VERTICAL GEOMETRY EXISTING SURFACE LIP LINE I

DATUM RL196 DESIGN LEVEL

CHAINAGE

Point no Easting
11 324948.602
12 324949.222
13 324941.645 Northing RL 5838488.049 197.023 5838493.514 196.955 5838503.028 196.788 
 Curve no
 I
 Radius
 Arc
 A
 B
 X
 Y
 I
 Mid point RL

 I2 - I3
 90,000
 8,600
 13,509
 2,519
 1,864
 3,291
 2,790
 3,377
 196,872

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

LIP PROFILE SETOUT

197.263 197.291 197.315

19.389 20.135 20.881

### Alignment J

Easting 324971.748 324971.280 Northing RL 5838497.302 197.170 5838497.561 197.169 5838499.263 197.197 324969.924 324968,652 5838499.967 197.196 324965,095 5838500.370 197.142

l Radius 45.000 0.700 45.000 1,900 90.000 8,600 
 Arc
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 Mid point RL

 0.550
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 197.166

 1.492
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 0.356
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LIP LINE J

197 197 197 197

197, 487 197, 477 197, 468 197, 399 197, 373 197, 373

0.000 0.275 0.550 2.726 3.472 4.218

VERTICAL GEOMETRY

DATUM RL196

**DESIGN LEVEL** 

CHAINAGE

EXISTING SURFACE

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E melbourne@cosweb.com.au	

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/ 08.06.21	DESIGNED C&W	MUNICIPALITY CITY OF WHITTLES	EA			RIGINAL
Breek	AS SHOWN	PP №. 717154	DRAWING No.	3201-01-302	REVISION ()	ō





oint no	Easting	Northing	RL
M1	324982,449	5838494,227	197,495
M2	324973,121	5838493,716	197,421
M3	324964.792	5838493.259	197.302
M4	324940.348	5838496.030	196.904
M5	324932,333	5838498.339	196,761
M6	324924.235	5838500,811	196.616

 Curve no
 I
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 Mid point RL Mid point

### Alignment N

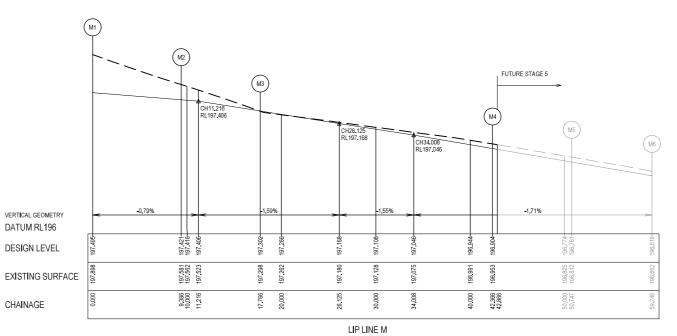
Point no	Easting	3	Northing	RL					
N1	324982	.111	5838491.246	197.5	55				
N2	324973	.782	5838490,790	197.4	90				
N3	324964	454	5838490,278	197.3	32				
N4	324940	.011	5838493.049	196.9	41				
N5	324931.	.033	5838495.635	196.7	83				
N6	324923	.803	5838497.842	196.6	55				
Curve no	ı	Radius	Arc	Α	В	Χ	Υ	ı	Mid point RL
N1 - N2	19.206	25.000	8.380	0.350	0.263	2.093	2.078	2.095	197.522
N2 - N3	19.206	28.000	9.386	0.392	0.294	2.344	2.327	2.347	197.430
N4 - N5	19.206	28.000	9.386	0.392	0.294	2.344	2.327	2.347	196.862
N5 - N6	17.393	25,000	7.589	0.287	0.215	1.895	1.884	1.897	196,719

### Alignment Q

Point no	Easting	Northing	RL	
Q1	324949.023	5838496.556	196.917	
Q2	324956.456	5838495.714	197.066	
	. =			

### Alignment R

Point no	Easting	Northing	RL
R1	324948.175	5838489.608	197.114
R2	324955.727	5838488.752	197.141



LIP LINE N

### CITY OF WHITTLESEA

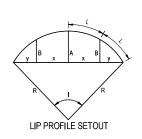
ENGINEERING PLANS & SPECIFICATIONS APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No. PS838325X

H.6L DEVELOPMENT ENGINEER

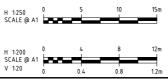
18/11/2021 DATE APPROVED





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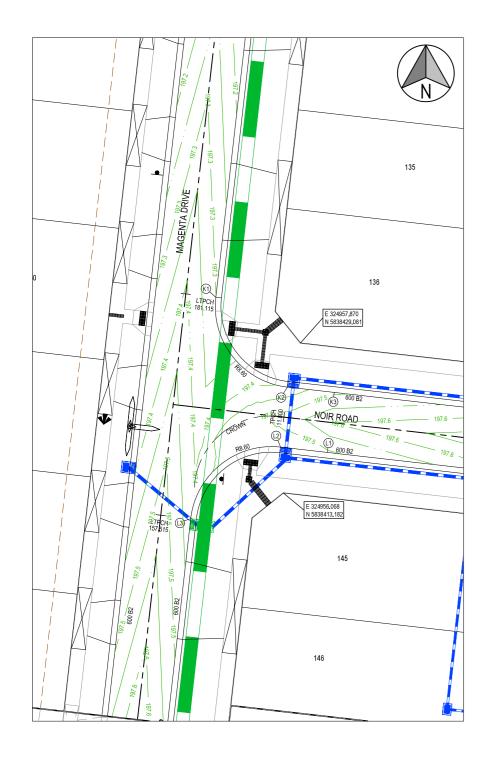
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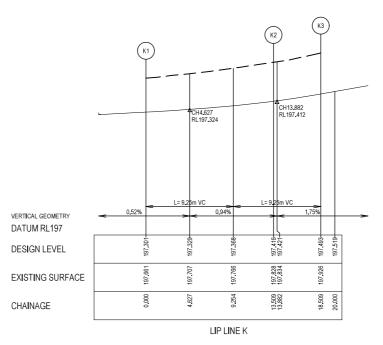


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<b>⋙ JINDII</b>	TITLE	INTERSECTION	DETAIL	S (SHEET 4 0)	= 6)	
/ 08.06.21	DESIGNED C&W	MUNICIPALITY	CITY OF WHITTLESI	ΕA		
gmed	AS SHOWN	PP No. 71	7154	DRAWING No.	3201-01-303	REVI





Alignment K

Point no Easting Northing 324948,908 5838433,921 197,301 324956,485 5838424.407 197.416 5838423.844 197.493

B X Y I Mid point RL K1 - K2 90.000 8.600 13.509 2.519 1.864 3.291 2.790 3.377 197.346

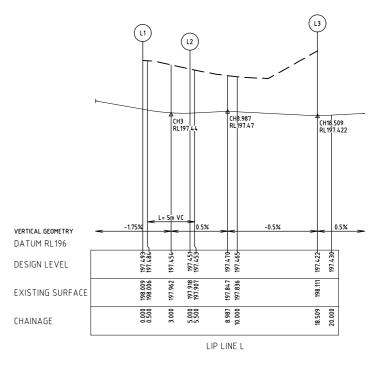
### CITY OF WHITTLESEA

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PLAN OF SUBDIVISION No. PS838325X

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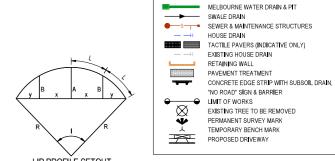
18/11/2021 DATE APPROVED



### Alignment L

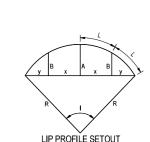
Northing RL 38417.484 197.493 Point no Easting 4960.732 L1 4955.764 38418.048 197.451 4946.250 38410.471 197.422

I Radius Arc A X Y I Mid point RL Curve no L2-L3 90.000 8.600 13.509 2.519 1.864 3.291 2.790 3.377 197.456



LEGEND

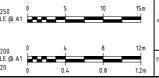
STORMWATER DRAIN, PIT & PROPERTY INLET



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LIP PROFILE SETOUT

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P2	04.02.21	JM	-	JM	COUNCIL COMMENTS
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REV	DATE	DRN	CKD	APP	AMENDMENT

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PROJECT THE PATCH - STAGE 1		
INTERSECTION DETAILS	(SHEET 5 OF 6)	
MUNICIPALITY CITY OF WHITTLESEA		RIGINAL
PP No. 717154 DRAWING No. 32	201-01-304	REVISION O
	THE PATCH - STAGE 1  TITLE INTERSECTION DETAILS  MUNICIPALITY CITY OF WHITTLESEA	THE PATCH - STAGE 1  TITLE INTERSECTION DETAILS (SHEET 5 OF 6)  MUNICIPALITY CITY OF WHITTLESEA  PP No. IDRAWING No. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2



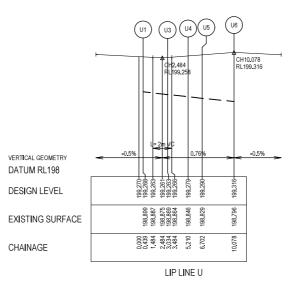
VERTICAL GEOMETRY

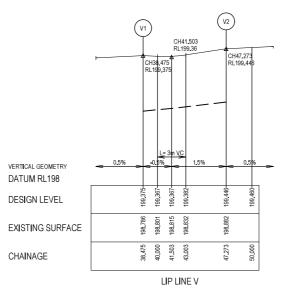
DATUM RL198

DESIGN LEVEL

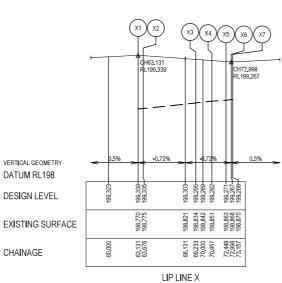
CHAINAGE

EXISTING SURFACE









#### Alignment U

Point no	Easting	Northing	RL	
U1	325201.342	5838486.072	199.268	
U2	325203,374	5838485,842	199,261	
U3	325203,843	5838485,582	199,263	
U4	325205,199	5838483,880	199,279	
U5	325206,471	5838483,176	199,290	
U6	325209,826	5838482,796	199,316	

 Curve no
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 Radius
 Arc
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 B
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 Y
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 Mid point RL

 U2 - U3
 45.000
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 0.550
 0.053
 0.040
 0.137
 0.131
 0.137
 199.262

 U4 - U5
 45.000
 1.900
 1.492
 0.145
 0.108
 0.371
 0.356
 0.373
 199.284

### Alignment V

Point no	Easting	Northing	RL
V1	325209.482	5838479.765	199.37
V2	325200.739	5838480.756	199,440

### Alignment W

Point no	Easting	Northing	RL
W1	325200.289	5838476.782	199.44
W2	325207,299	5838475,987	199,43
W3	325209.030	5838475.775	199,44

### Alignment X

Point no	Easting	Northing	RL
X1	325209.082	5838471.449	199.339
X2	325208.556	5838471.594	199.335
X3	325203.152	5838472.886	199.295
X4	325201.526	5838472.525	199.282
X5	325200.360	5838471.596	199.271
X6	325199,845	5838471,448	199,267
X7	325199,686	5838471,466	199,268

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

 X3 - X4
 51.982
 1.900
 1.724
 0.192
 0.143
 0.427
 0.405
 0.431
 199.288

 X5 - X6
 44.997
 0.700
 0.550
 0.053
 0.040
 0.137
 0.131
 0.137
 199.269

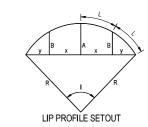
### CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No. PS838325X

H.6L DEVELOPMENT ENGINEER

18/11/2021 DATE APPROVED

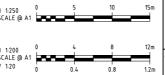




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P2	04.02.21	JM	1	JM	COUNCIL COMMENTS
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LIP LINE W



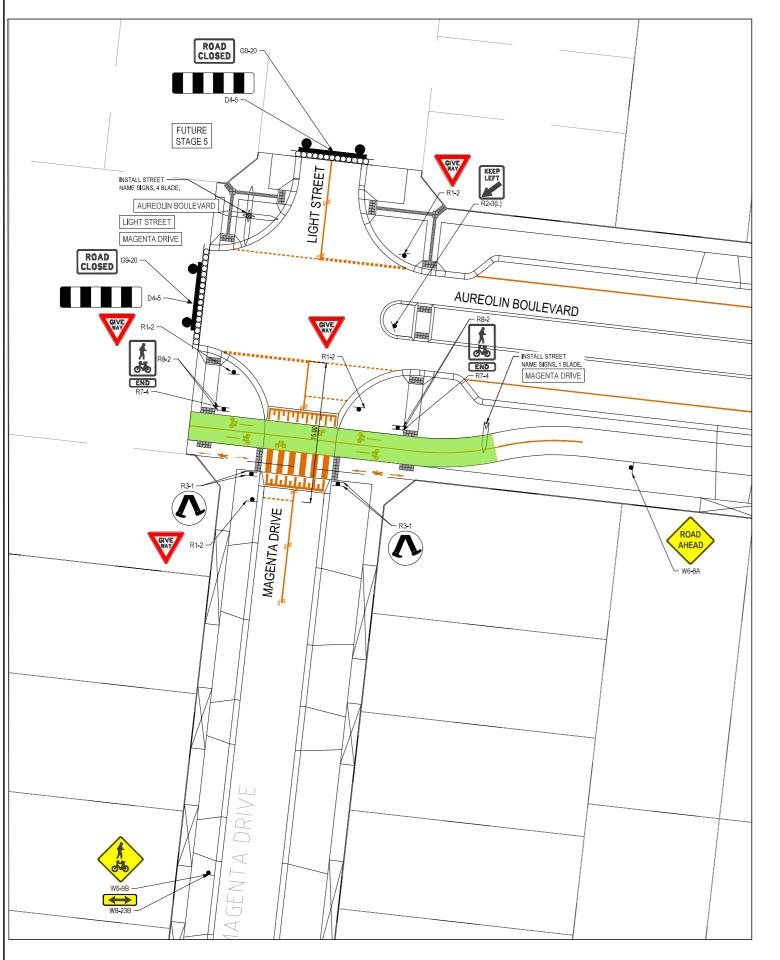
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וחאור <	TITLE	INTERSECTION	I DETAIL	S (SHEET 6 OF 6	5)	
/ 08.06.21	/ 08.06.21		TY CITY OF WHITTLESI	ĒΑ		
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HIGH FRICTION SURFACE TREATMENT REFER

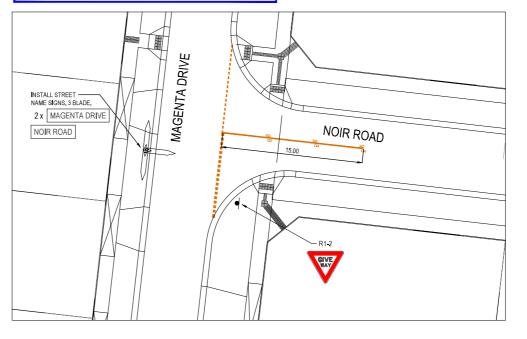
- RRPM'S AT MAX 6m SPACING.
- LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
- LINEMARKING IN ACCORDANCE WITH AS1742. TGSI TO BE INSTALLED IN ACCORDANCE WITH VICROADS RDN 06-06 - JULY 2010
- HIGH FRICTION SURFACE TREATMENT COLOURED EMERALD GREEN TO BE INSTALLED WITHIN BIKE LANES AS SHOWN ON PLANS IN ACCORDANCE WITH VICROADS STANDARD SECTION 430.
  ALL STREET NAME SIGNS AT INTERSECTIONS TO
- ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVENT STREET NUMBERING. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE, LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.

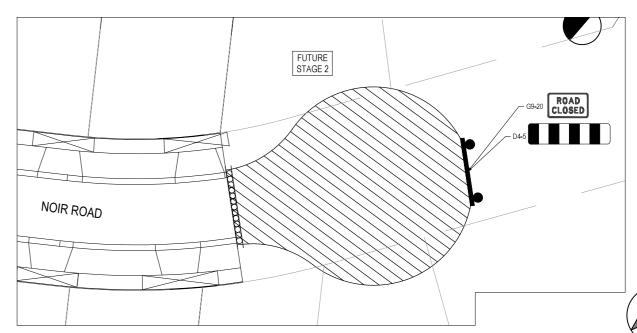
## CITY OF WHITTLESEA

**ENGINEERING PLANS & SPECIFICATIONS** APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No.\_\_PS838325X

18/11/2021 DATE APPROVED





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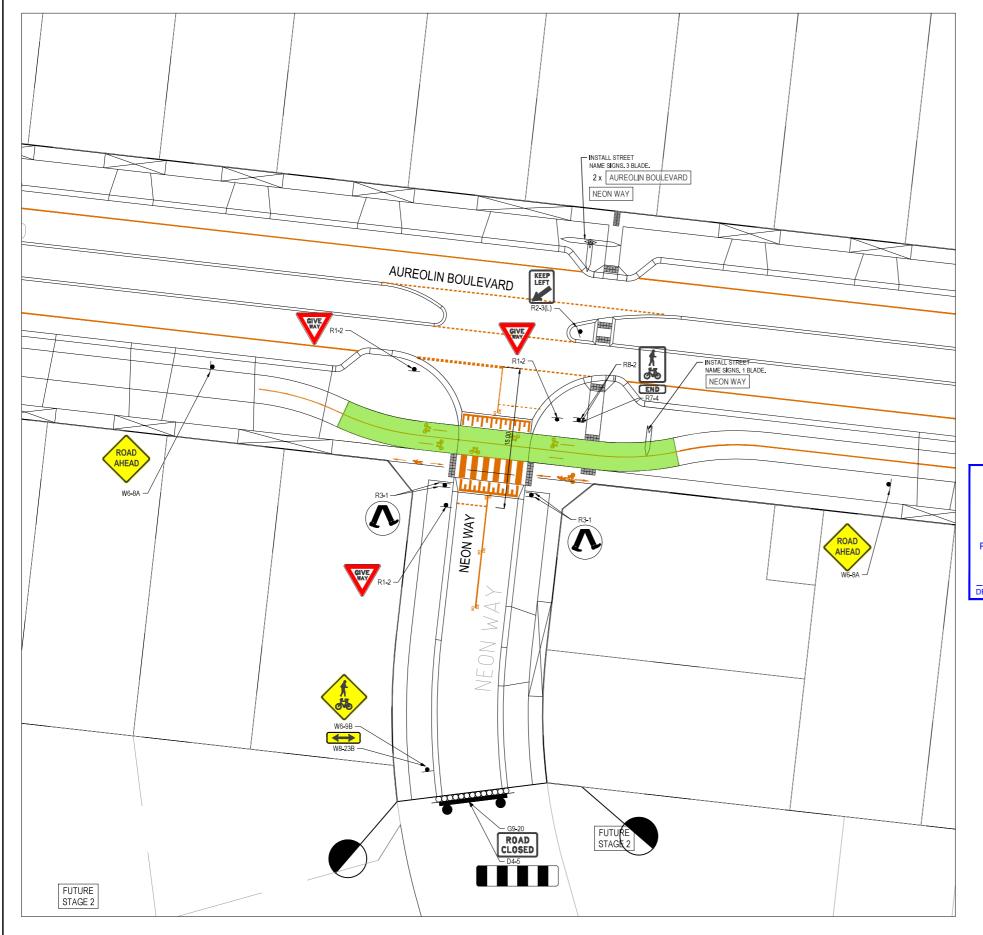
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E melbourne@cosweb.com.au	

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- RRPM'S AT MAX 6m SPACING.
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- LINEMARKING IN ACCORDANCE WITH AS1742, TGSI TO BE INSTALLED IN ACCORDANCE WITH

VICROADS RDN 06-06 - JULY 2010

- HIGH FRICTION SURFACE TREATMENT COLOURED EMERALD GREEN TO BE INSTALLED WITHIN BIKE LANES AS SHOWN ON PLANS IN ACCORDANCE WITH VICROADS STANDARD SECTION 430.
  ALL STREET NAME SIGNS AT INTERSECTIONS TO
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  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.





HIGH FRICTION SURFACE TREATMENT REFER NOTE 5.

### CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No. PS838325X

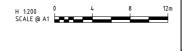
DEVELOPMENT ENGINEER

18/11/2021 DATE APPROVED



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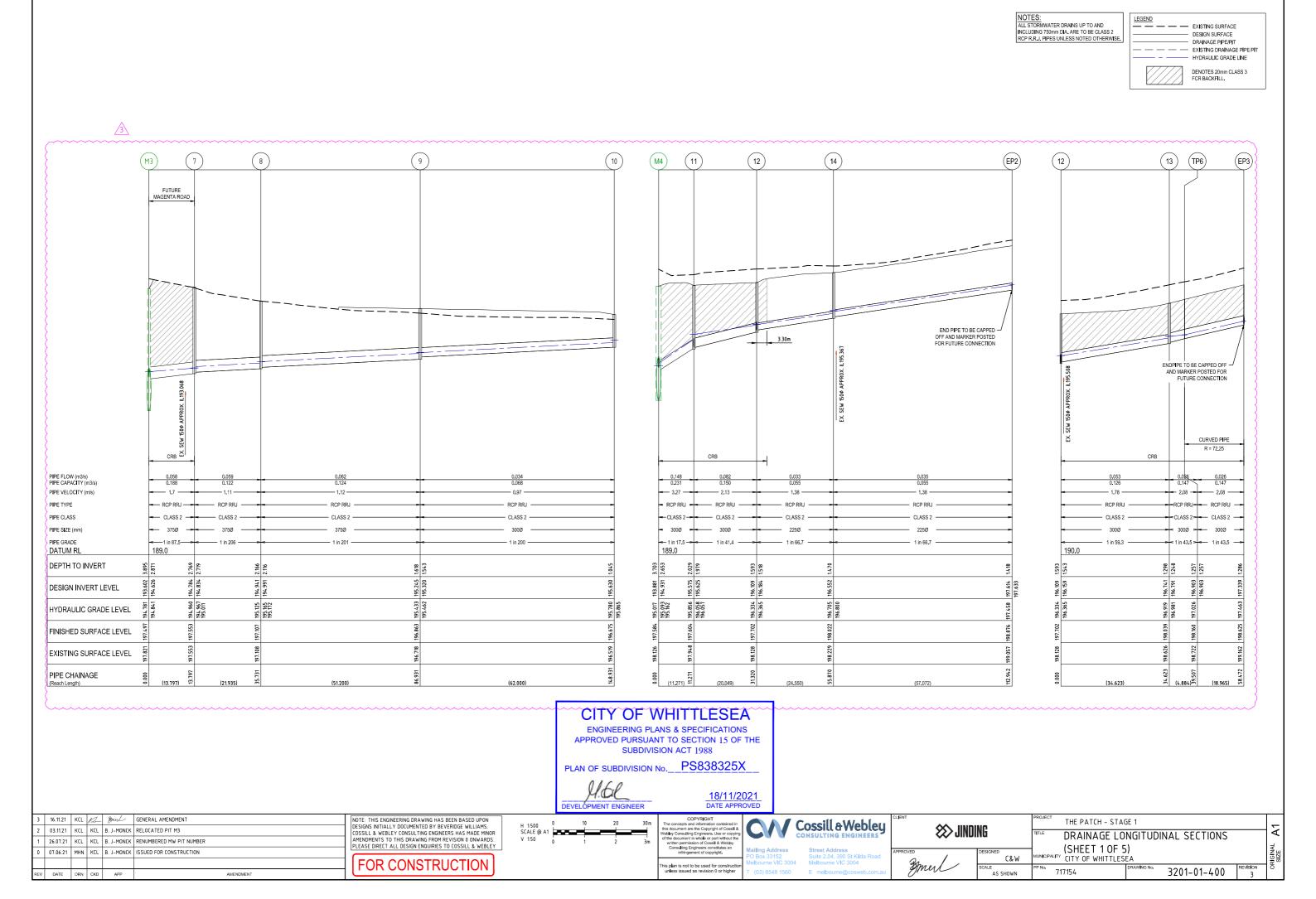






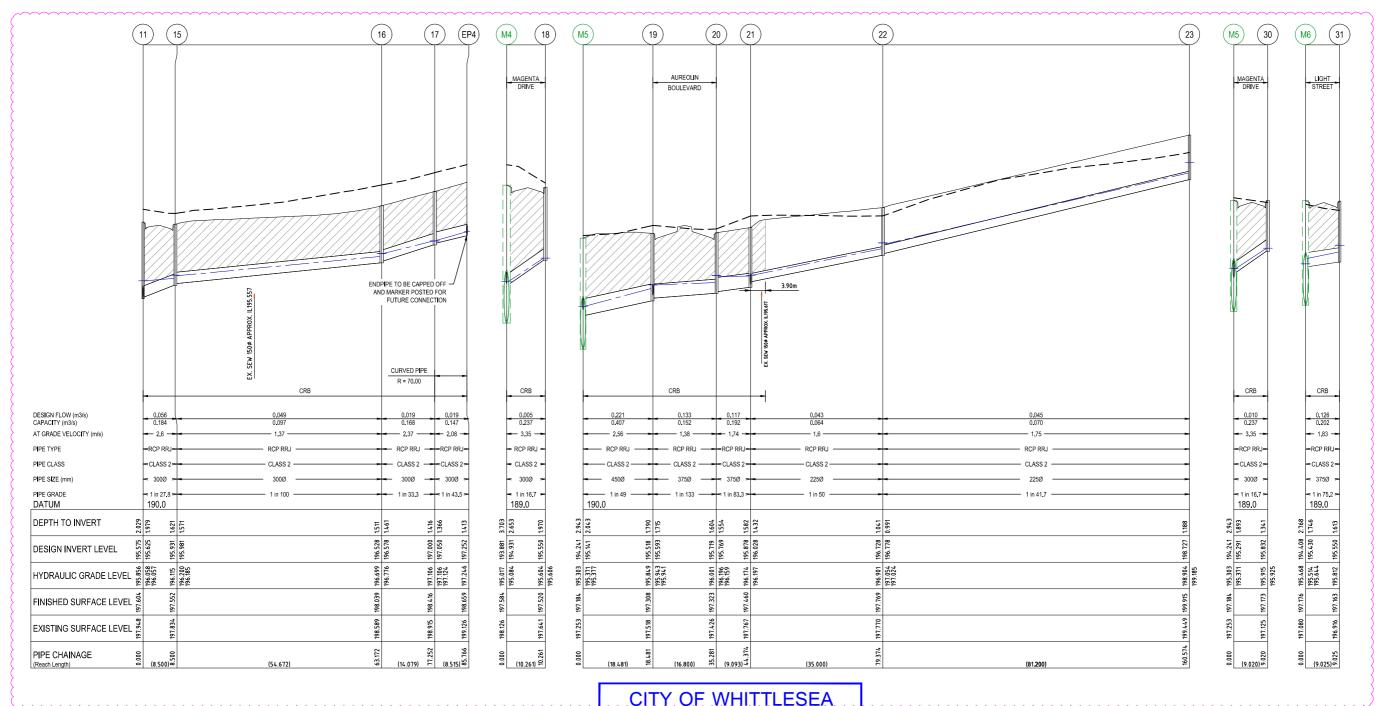
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NOTES: ALL STORMWATER DRAINS UP TO AND LEGEND — — EXISTING SURFACE INCLUDING 750mm DIA. ARE TO BE CLASS 2 RCP R.R.J. PIPES UNLESS NOTED OTHERWISE. DESIGN SURFACE DRAINAGE PIPE/PIT EXISTING DRAINAGE PIPE/PIT HYDRAULIC GRADE LINE DENOTES 20mm CLASS 3 FCR BACKFILL.

2



## CITY OF WHITTLESEA

**ENGINEERING PLANS & SPECIFICATIONS** APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No.\_ PS838325X

18/11/2021 DATE APPROVED

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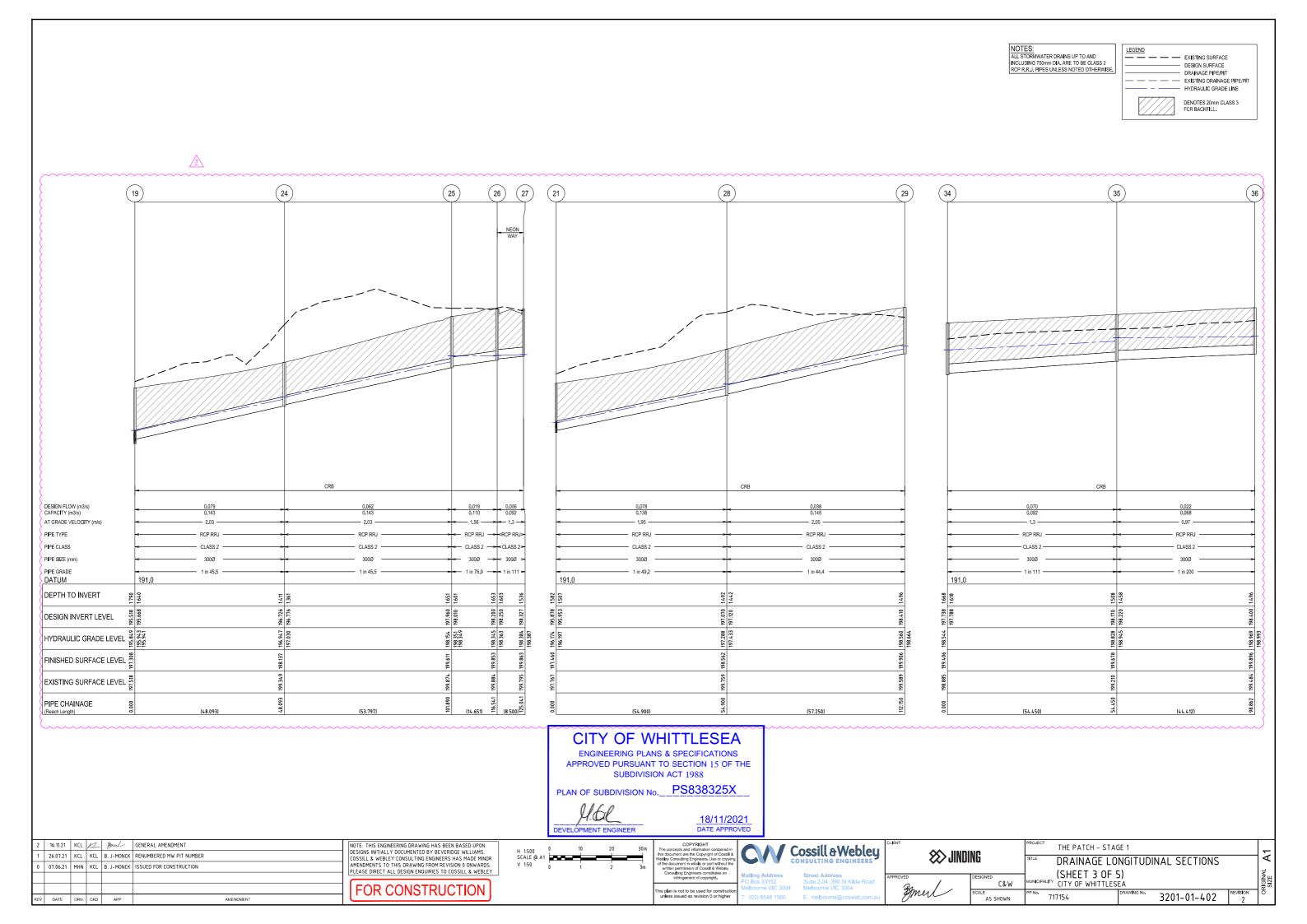
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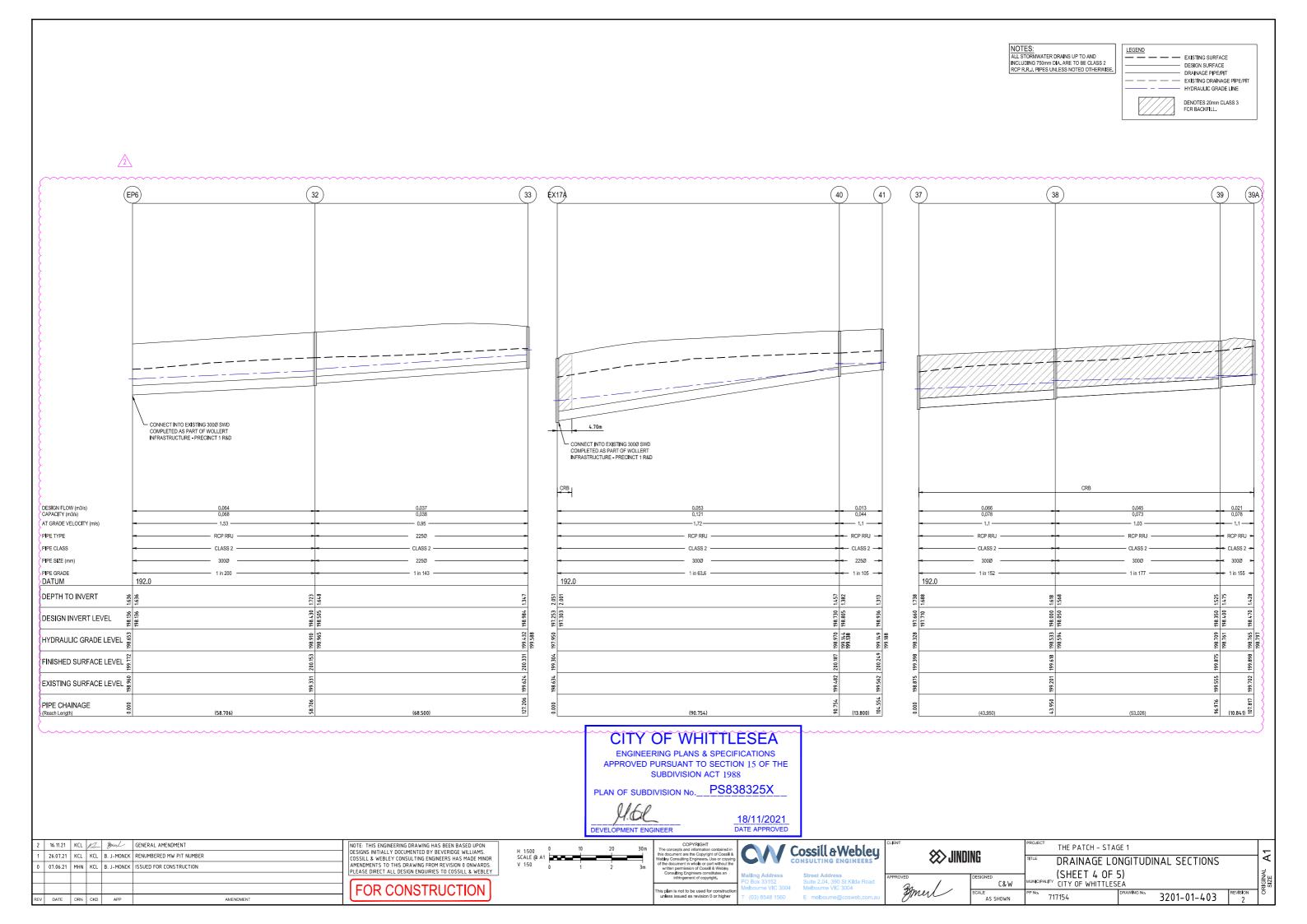


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### CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No. PS838325X

H.G.L DEVELOPMENT ENGINEER

18/11/2021 DATE APPROVED

								PIT SCHE			
PIT	TYPE	INTER	RNAL	IN	LET	OU	TLET	PIT	DEPTH	STD DWG	REMARKS
IAME		WIDTH	LENGTH	DIA	INV RL	DIA	INV RL	SETOUT RL			
7	JUNCTION PIT	600	900	375	194.834	375	194.784	197.553	2.769	REFER TO EDCM FIG. 605	
8	JUNCTION PIT	600	900	375	194.991	375	194.941	197.108	2.167	REFER TO EDCM FIG. 605	
9	JUNCTION PIT	600	900	300	195.320	375	195.245	196.863	1.618	REFER TO EDCM FIG. 605	
10	JUNCTION PIT	600	900	-	-	300	195.630	196.675	1.045	REFER TO EDCM FIG. 605	
11	GRATED ENTRY PIT	600	900	300	195.625	300	195.575	197.604	2.029	REFER TO EDCM FIG. 601	
				300	195.625						
12	JUNCTION PIT	600	900	225	196.184	300	196.109	197.702	1.593	REFER TO EDCM FIG. 605	
				300	196.159						
13	GRATED ENTRY PIT	600	900	300	196.791	300	196.741	198.039	1.298	REFER TO EDCM FIG. 601	
TP6	TAGENT POINT	-	-	300	196.903	300	196.903	198.160	1.257	-	
EP3	END PIPE	-	-		-	300	197.339	198.625	1.286	-	CAPPED OFF AND MARKER POSTED FOR FUTURE EXTENSION
14	JUNCTION PIT	600	900	225	196.602	225	196.552	198.022	1.470	REFER TO EDCM FIG. 605	
EP2	END PIPE	-	-	-	-	225	197.458	198.876	1.418	-	END PIPE EXTENDED 2.0m BEYOND BOUNDARY FOR FUT.
L. L						LLJ	137.130	130.070	1.110		EXTENSION. TO BE CAPPED OFF AND MARKER POSTED.
15	GRATED ENTRY PIT	600	900	300	195.981	300	195.931	197.552	1.621	REFER TO EDCM FIG. 601	EXTENSION: TO BE CALLED OUT AND MARKET OSTED.
16	GRATED ENTRY PIT	600	900	300	196.578	300	196.528	198.039	1.511	REFER TO EDCM FIG. 601	
17	JUNCTION PIT	600	900	300	197.050	300	197.000	198.416	1.416	REFER TO EDCM FIG. 605	
EP4		000	900	300	137.030			198.416	1.410	THE TO EDUNTIO, 805	CARDED OF AND MARKED BOSTED FOR ELITHIRE EXTENSION
	END PIPE	-	- 000	-	-	300	197.246			PETER TO EDGM FIG. CO.	CAPPED OFF AND MARKER POSTED FOR FUTURE EXTENSION
18	GRATED ENTRY PIT	600	900			300	195.550	157.520	1.970	REFER TO EDCM FIG. 601	
19	GRATED ENTRY PIT	600	900	375	195.593	450	195.518	197.308	1.79	REFER TO EDCM FIG. 601	
20	COATED ENTOVOIT	600	200	300	195.668	275	405.740	407.000	4.504	DESERTE TO SOCIATIO COA	
20	GRATED ENTRY PIT	600	900	375	195.769	375	195.719	197.323	1.604	REFER TO EDCM FIG. 601	
21	JUNCTION PIT	600	900	225	196.028	375	195.878	197.460	1.582	REFER TO EDCM FIG. 605	
				300	195.953						
22	JUNCTION PIT	600	900	225	196.778	225	196.728	197.769	1.041	REFER TO EDCM FIG. 605	
23	JUNCTION PIT	600	900	-	-	225	198.727	199.915	1.188	REFER TO EDCM FIG. 605	
24	GRATED ENTRY PIT	600	900	300	196.776	300	196.726	198.137	1.411	REFER TO EDCM FIG. 601	
25	JUNCTION PIT	600	900	300	198.010	300	197.960	199.611	1.651	REFER TO EDCM FIG. 605	
26	GRATED ENTRY PIT	600	900	300	198.250	300	198.200	199.853	1.653	REFER TO EDCM FIG. 601	
27	GRATED ENTRY PIT	600	900	-	-	300	198.327	199.863	1.536	REFER TO EDCM FIG. 601	
28	GRATED ENTRY PIT	600	900	300	197.120	300	197.070	198.562	1.492	REFER TO EDCM FIG. 601	
29	JUNCTION PIT	600	900	-	-	300	18.410	199.906	1.496	REFER TO EDCM FIG. 605	
30	DOUBLE GRATED	600	900	-	-	300	195.832	197.173	1.341	REFER TO EDCM FIG. 602	
	ENTRY PIT										
31	GRATED ENTRY PIT	600	900	-	-	3/5	195.550	197.163	1.613	REFER TO EDCM FIG. 601	PROVIDE AN OPENING ON THE NORTH WALL FOR 3/5Ø RC
											IL195.600. BLOCK HOLE WITH A TIMBER PLANK.
EP6	END PIPE	-	-	300	198.136	EX300	198.136	199.772	1.636	-	CONNECT TO EXISTING 300Ø SWD END PIPE.
32	JUNCTION PIT	600	900	225	198.505	300	198.430	200.153	1.723	REFER TO EDCM FIG. 605	
33	JUNCTION PIT	600	900	-	-	225	198.984	200.331	1.347	REFER TO EDCM FIG. 605	
34	GRATED ENTRY PIT	600	900	300	197.788	EX300	197.738	199.406	1.668	REFER TO EDCM FIG. 601	NEW PIT TO PROIVDE CONNECTION TO EXISTING 300Ø SWE
											END PIPE.
35	GRATED ENTRY PIT	600	900	300	198.220	300	198.170	199.678	1.508	REFER TO EDCM FIG. 601	
36	GRATED ENTRY PIT	600	900	-	-	300	198.400	199.896	1.496	REFER TO EDCM FIG. 601	
37	GRATED ENTRY PIT	600	900	300	197.710	EX300	197.660	199.398	1.738	REFER TO EDCM FIG. 601	PROVIDE CLASS D HEAVY DUTY COVER. NEW PIT TO PROIVE
٠.						2.1333					CONNECTION TO EXISTING 3000 SWD END PIPE.
38	GRATED ENTRY PIT	600	900	300	198.050	300	198.000	199.618	1.618	REFER TO EDCM FIG. 601	CONTRACTION TO ENDING SOUP SWD LIND FIFE.
39	GRATED ENTRY PIT	600	900	300	198.400	300	198.350	199.875	1.525	REFER TO EDCM FIG. 601	
39A	GRATED ENTRY PIT	600	900	300	130.400	300	198.470	199.899	1.428	REFER TO EDCM FIG. 601	
39A X17A	JUNCTION PIT	600	900	300	197.303	EX300	198.470		2.051	REFER TO EDCM FIG. 601	NEW PIT TO PROIVDE CONNECTION TO EXISTING 300Ø SWI
VI/A	JUNCTION PIT	600	900	300	197.303	EA300	197.253	199.304	2.051	THEFER TO EDUNTING BUS	1
40	ILINGTION DIT	C00	000	225	100.005	200	100 720	200 107	1 457	DEEED TO EDGMEIG COS	END PIPE.
40	JUNCTION PIT	600	900	225	198.805	300	198.730	200.187	1.457	REFER TO EDCM FIG. 605	
41	JUNCTION PIT	600	900	-	-	225	198.936	200.249	1.313	REFER TO EDCM FIG. 605	



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1	26.07.21	KCL	KCL	B. J-MONCK	RENUMBERED MW PIT NUMBER	П
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NOTE: THIS ENGINEERING DRAWING HAS BEEN BASED UPON DESIGNS INITIALLY DOCUMENTED BY BEVERIDGE WILLIAMS. COSSILL & WEBLEY CONSULTING ENGINEERS HAS MADE MINOR AMENDMENTS TO THIS DRAWING FROM REVISION 0 ONWARDS. PLEASE DIRECT ALL DESIGN ENQUIRIES TO COSSILL & WEBLEY



	Street Address
04	Suite 2.04, 390 St Kilda Road Melbourne VIC 3004
	E melbourne@cosweb.com.au

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SCALE AS SHOWN

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PP No.	717154	DRAWING No.	3201-01-404	REVISION 2

FOR CONSTRUCTION