STAGE 12

WYNDHAM CITY COUNCIL

NOTES:

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS, CURRENT COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS AND VPA EDCM GUIDELINES TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT & A.S.2124-1992 GENERAL CONDITIONS OF

- MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 1985. INCLUDING ALL RELEVANT REGULATIONS, HAVE BEEN ADDRESSED IN PARTICULAR THE REQUIRED NOTIFICATIONS MUST BE CONVEYED TO THE VICTORIAN WORK COVER AUTHORITY - HEALTH AND SAFETY DIVISION WITH RESPECT TO TRENCHING OPERATIONS. DETAILS OF THE CONTRACTORS OCCUPATIONAL HEALTH AND SAFETY PROCEDURES MUST BE LODGED WITH THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
- THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCING CONSTRUCTION.
- 4. THE CONTRACTOR SHALL CO-OPERATE WITH OTHER CONTRACTORS AND/OR AUTHORITIES AND SHALL ENSURE THAT ALL SERVICES ARE INSTALLED PRIOR TO THE FINAL PAVEMENT COURSE. THE CONTRACTOR SHALL CHECK WITH THE ENGINEER THE EXACT LOCATION OF BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.

- THE SATISFACTION OF COUNCIL'S SUPERINTENDENT. UPON COMPLETION OF THE CIVIL WORKS, THE CONTRACTOR SHALL PROVIDE "AS CONSTRUCTED" PLANS IN A D-SPEC AND R-SPEC DIGITAL FORMAT TO COUNCIL'S
- REQUIREMENTS AND TO THE SATISFACTION OF ALL PARTIES. SITE AT ALL TIMES. ALL CONSTRUCTION WORKS SHALL BE COMPLETED TO THE
- SATISFACTION OF COUNCIL'S SUPERINTENDENT.
- 11. BLASTING REQUIRES BLASTING PERMIT FROM COUNCIL ANY EXISTING PAVEMENT OR DRAINAGE DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD IS TO BE REINSTATED BY THE CONTRACTOR TO THE SATISFACTION OF THE SUPERINTENDENT.

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD). 2. PERMANENT SURVEY MARK SKETCH PLANS ARE TO BE PREPARED ESTABLISHING A.H.D. LEVELS AND A.M.G. CO-ORDINATES FOR REGISTRATION WITH THE C.P.O. BY A LICENSED
- 3. ALL TBM'S AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE CONSULTANT TO ARRANGE REINSTATEMENT AT THE CONTRACTORS EXPENSE.

- EARTHWORKS ARE TO BE PERFORMED IN ACCORDANCE WITH A.S.3798-2007 (GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS). FILLING TO BE CARRIED OUT USING APPROVED CLAY FILL COMPACTED TO 95% AASHO. DAMS AND OPEN CHANNELS TO BE EXCAVATED TO A FIRM BASE TO THE SATISFACTION OF A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF FILLING. ALL FILLING MUST COMPLY WITH A.S. 3798-2007 LEVEL 1 AND BE COMPACTED IN 150mm LAYERS. CONTRACTOR TO TAKE LEVELS IN EXISTING DAMS AND CHANNELS PRIOR TO FILLING & LEVELS RECORDED TO BE SUPPLIED TO THE ENGINEER FOR AS CONSTRUCTED PLAN.
- FILLING TO BE CARRIED OUT USING APPROVED MATERIAL. TOPSOIL AND ALL VEGETABLE MATERIAL TO BE STRIPPED FROM FILL SITE PRIOR TO ANY PLACEMENT OF MATERIAL. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY
- 6. FILL AREAS TO BE STRIPPED OF TOPSOIL, THEN REPLACED TO OBTAIN FINAL LEVELS AS SHOWN ON THE DRAWINGS. ALL FILLING TO BE COMPACTED AS SPECIFIED.
- NO TOP SOIL TO BE REMOVED FROM THE SITE WITHOUT THE APPROVAL OF COUNCIL THE NATURE STRIPS IN CUT OR FILLED AREAS ARE TO BE TOPSOILED WITH 100mm OF APPROVED TOPSOIL MATERIAL. IF THE SOIL ON THE SITE, IS NOT SUITABLE, IT SHALL BE IMPORTED AT THE CONTRACTORS EXPENSE. THE APPROVED TOPSOIL MATERIAL IS TO BE TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
- ALL ALLOTMENTS TO BE GRADED AT A MINIMUM OF 1 IN 150 TO THE LOW CORNER. 10. UNLESS OTHERWISE SHOWN BATTERS INTO ALLOTMENTS SHALL NOT BE STEEPER THAN 1 in
- 6. ALL BATTERS ARE TO BE GRASSED AND MULCHED WITH A MIXTURE OF CHOPPED GRASS, HAY, STRAW AND BITUMINOUS EMULSION, ALL TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT
- FOR THE TERM OF THE CONTRACT PERIOD THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTION TO PREVENT THE EMISSION OF DUST, WHETHER FROM THE OPERATION OF
- CONSTRUCTION EQUIPMENT OR EXPOSURE OF SOIL TO WINDS. 12. APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING CONSTRUCTION AND MAINTENANCE PERIOD.
- 13. ON COMMENCEMENT OF CONSTRUCTION WORKS THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE EPA PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" (PUBLICATION NO. 275).
- 14. COMPACTION RESULTS OF EASEMENTS TO BE PROVIDED TO COUNCILS CONSTRUCTION

THE GROVE INTERFACE AMENDMENTS

AMENDED TO COUNCIL COMMENTS (09/01/23)

22/12/22 ISSUED FOR APPROVAL

- DIMENSIONS AND RADII ARE GIVEN TO LIP OF KERBS, CHAINAGES ARE WITH RESPECT TO CENTRE LINE OF ROAD RESERVE, UNLESS OTHERWISE SHOWN.
- ALL PAVEMENT MATERIALS ARE TO BE VICROADS APPROVED MATERIALS. PAVEMENT SUB-BASE AND BEDDING TO KERB & CHANNEL IS TO EXTEND 300mm BEHIND
- ALL DRIVEWAYS ARE TO BE 3.5m WIDE AND OFFSET 0.75m FROM THE SIDE BOUNDARY OR EASEMENT, UNLESS OTHERWISE SHOWN - REFER EDCM 501 & 502. DRIVEWAY LAYBACK AND
- WINGS TO BE CONSTRUCTED AS A SINGLE SEGMENT OF CONCRETE. ACCESS RAMPS (DRIVEWAYS INTO LOTS) SHOULD HAVE A MAXIMUM GRADE OF 1 IN 10. CONCRETE SHALL BE 25 MPa FOR BOTH KERB AND CHANNEL AND FOOTPATH, HAVING A
- MINIMUM CEMENT CONTENT OF 280Kg PER CUBIC METRE.
- ACCORDANCE WITH A.S.1742.2.
- STREET SIGNS ARE TO BE PROVIDED TO THE WYNDHAM CITY COUNCIL STANDARD, INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER ON ALL ROAD CENTRELINE AND

- NO PVC STORM WATER DRAINAGE PIPES TO BE LAID UNDER ROADS.
- DRAINAGE PIPES AND PITS ARE SETOUT FROM OFFSETS, RATHER THAN FROM CENTRELINE
- CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN APPROVED BY
- OTHERWISE SHOWN. INVERTS OF PROPERTY INLETS ARE TO BE A MINIMUM OF 400mm PITS AND OFFSET FROM SIDE BOUNDARY 5.50m WHERE POSSIBLE AS PER EDCM 701. THE

LOCATION OF THE HOUSE DRAIN TO BE MARKED AS PER EDCM 303. HOUSE DRAIN LEVEL TO

- BE A MINIMUM 0.4m BELOW THE LOWEST CORNER OF THE LOT ALL DRAINAGE PIPES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND
- CHANNEL SHALL BE BACKFILLED WITH CLASS 3 F.C.R. PRIOR TO THE ISSUE OF STATEMENT OF COMPLIANCE, ALL DRAINS ARE TO BE CCTV TESTED AND THE RESULTS PROVIDED TO COUNCIL.
- SUBSURFACE DRAINS ARE TO BE LAID BEHIND ALL KERB AND CHANNEL AS PER EDCM 202 11. WHEN ROADS ARE TRUNCATED AGAINST RISING LAND PENDING DEVELOPMENT OF FUTURE STAGES, TEMPORARY A.G. DRAINS SHALL BE INSTALLED ACROSS THE END OF THE ROAD TO PREVENT SEEPAGE INTO PAVEMENT.

- 12. SERVICE CONDUITS ARE TO BE INSTALLED AT THE LOCATIONS SHOWN ON THIS DRAWING LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON KERB & CHANNEL AS PER EDCM 303. SERVICE CONDUITS THAT ARE SUBJECT TO AMENDMENT SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT.
- 13. ALL CONDUIT TRENCHES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND CHANNEL SHALL BE BACKFILLED WITH CLASS 2 F.C.R.
- 14. NBN TO BE NOTIFIED AT LEAST SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- 15. NBN PITS ARE TO BE CLEAR OF PATHS WITH THE EXCEPTION OF NEMI PARADE (WEST SIDE). 16. LOCATION OF ELECTRICITY AND VUF CONDUITS WILL BE PROVIDED ON SEPARATE
- 17. CONCRETE IS TO BE PLACED AROUND ELECTRICAL DISTRIBUTION PITS TO A MINIMUM DEPTH OF 125mm. DISTRIBUTION PITS WITHIN FOOTPATHS ARE TO A MINIMUM OF 300mm WITHIN THE

- ALL EXISTING TREES ARE TO BE PROTECTED DURING CONSTRUCTION
- ANY TREE REMOVAL MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN OR AS DIRECTED ONSITE BY THE LANDSCAPE APPROVALS OFFICER.TREES SHOWN ON THE PLANS ARE TO BE RETAINED AND PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- 3. ALL ROOTS AND DECOMPOSABLE MATERIAL UNDER ROAD PAVEMENTS SHALL BE REMOVED TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
- 4. NO SURPLUS TREES OR VEGETATION ARE TO BE BURNT ON SITE.

C.R M.T

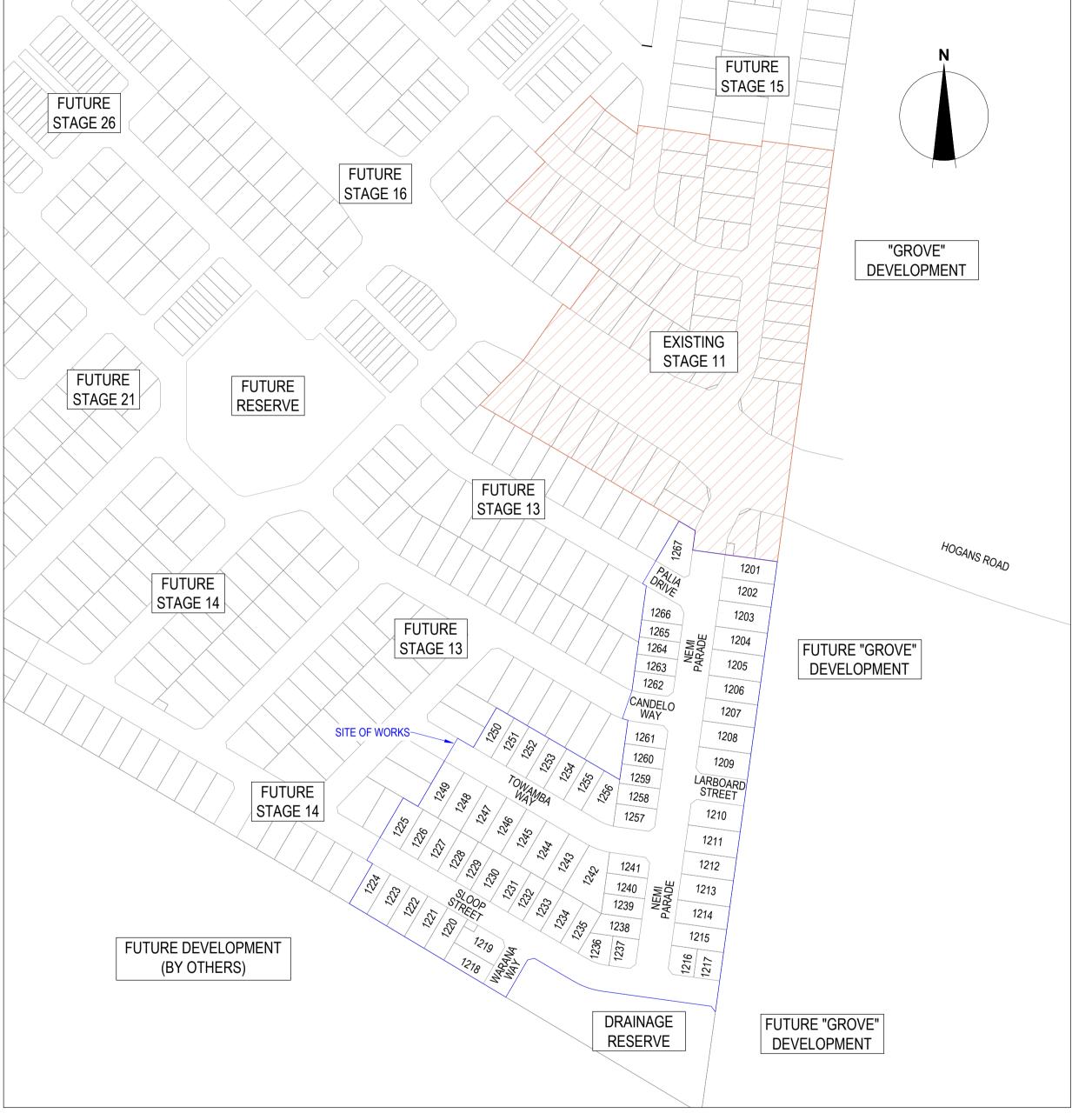
M.T

C.R

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C.R

- 1. A BUILDING PERMIT MUST BE OBTAINED FOR ANY STRUCTURE/RETAINING WALL EXCEEDING 1.0m IN HEIGHT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA. COPY OF BUILDING PERMITS AND 'CERTIFICATE F COMPLIANCE-CONSTRUCTION' TO BE SUBMITTED TO COUNCIL PRIOR TO 'STATEMENT OF
- 2. ALL STRUCTURAL WORK MUST BE SUPERVISED BY A QUALIFIED STRUCTURAL ENGINEER.



LOCALITY PLAN MELWAYS REF: 234 E7 20 0 20 40 60 80 100 A1 Planning and Environment Act 1987 Wyndham Planning Scheme

Approved Plan As Required under Condition 40 **Permit No WYP10817/18** Date 18/04/2023

Sheet List Table

Drawing No.	Sheet Title	Revision
R100	COVER SHEET	0
R200	LAYOUT PLAN	0
R201	EARTHWORKS PLAN	0
R202	TYPICAL CROSS SECTIONS	0
R300	INTERSECTION DETAILS - 1	0
R301	INTERSECTION DETAILS - 2	0
R302	INTERSECTION DETAILS - 3	0
R400	LONGITUDINAL SECTIONS - 1	0
R401	LONGITUDINAL SECTIONS - 2	0
R500	ROAD CROSS SECTIONS - 1	0
R501	ROAD CROSS SECTIONS - 2	0
R502	ROAD CROSS SECTIONS - 3	0
R503	ROAD CROSS SECTIONS - 4	0
R504	ROAD CROSS SECTIONS - 5	0
R505	ROAD CROSS SECTIONS - 6	0
R506	ROAD CROSS SECTIONS - 7	0
R507	ROAD CROSS SECTIONS - 8	0
R508	ROAD CROSS SECTIONS - 9	0
R509	ROAD CROSS SECTIONS - 10	0
R600	DRAINAGE LONGITUDINAL SECTIONS -1	0
R601	DRAINAGE LONGITUDINAL SECTIONS -2	0
R602	DRAINAGE LONGITUDINAL SECTIONS -3	0
R603	DRAINAGE LONGITUDINAL SECTIONS -4	0
R604	DRAINAGE PIT SCHEDULE	0
R700	TYPICAL DETAILS - 1	0
R701	TYPICAL DETAILS - 2	0
R800	SIGNAGE & LINEMARKING PLAN	0
R900	RETAINING WALL DETAILS - 1	0
R901	RETAINING WALL DETAILS - 2	0

THE SITE OF WORKS IS SUBJECT TO THE PROVISIONS OF CULTURAL HERITAGE MANAGEMENT PLAN No.15676.

ALL WORKS AND PERSONNEL MUST OBSERVE THE REQUIREMENTS OF THE MANAGEMENT PLAN AT ALL TIMES.

WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES

THE LOCATIONS OF UNDERGROUND & OVERHEAD SERVICES ARE APPROXIMATE ONLY & 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

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIEN
	05/04/23	CONSTRUCTION ISSUE	C D	CP	MT	



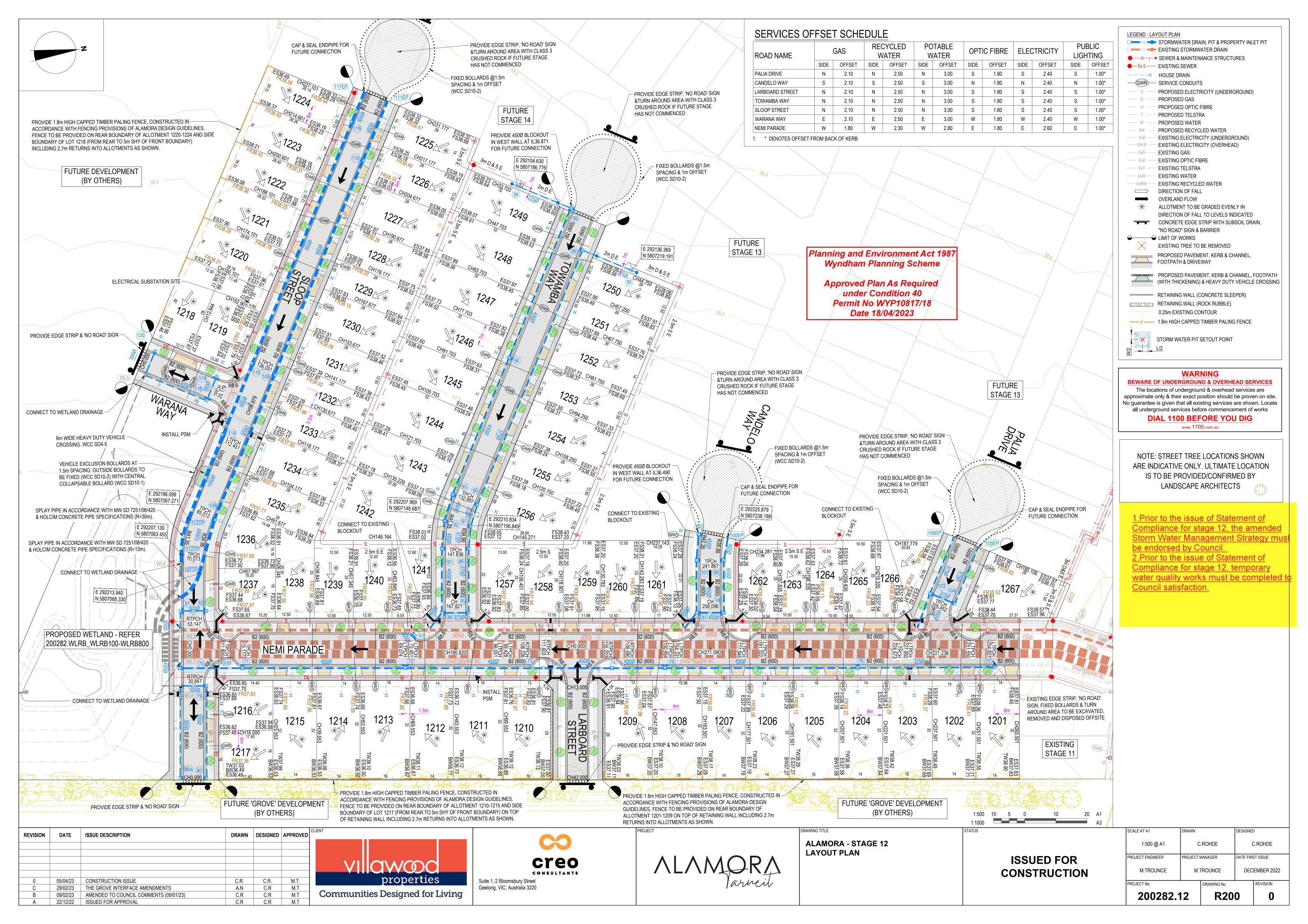


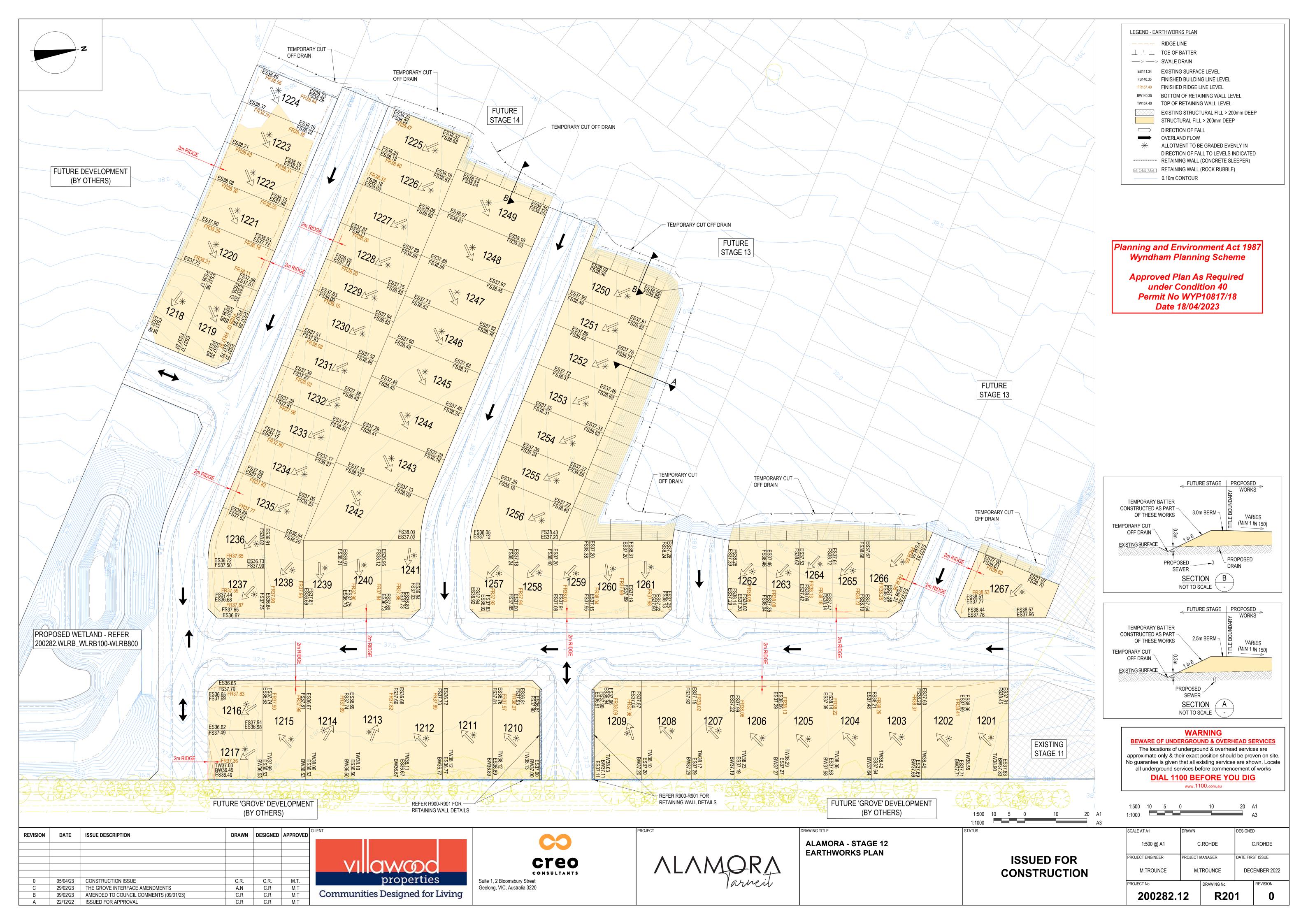


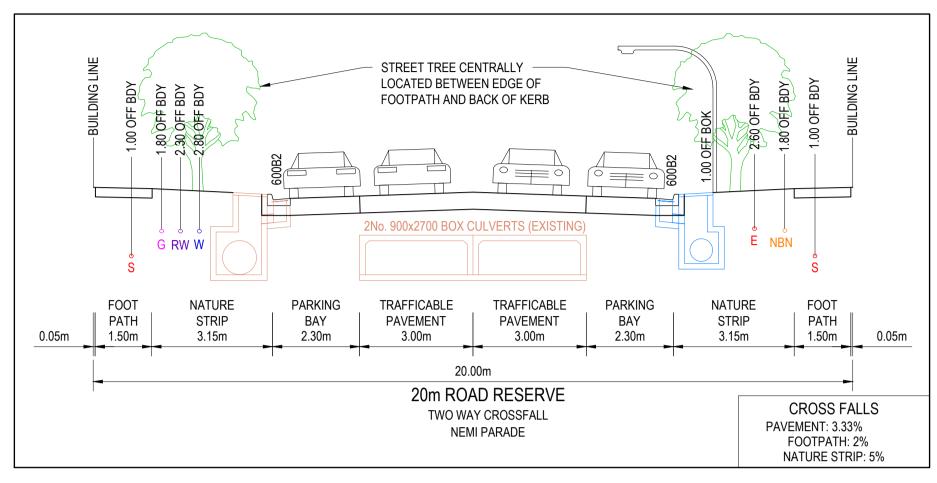
ALAMORA - STAGE 12 COVER SHEET

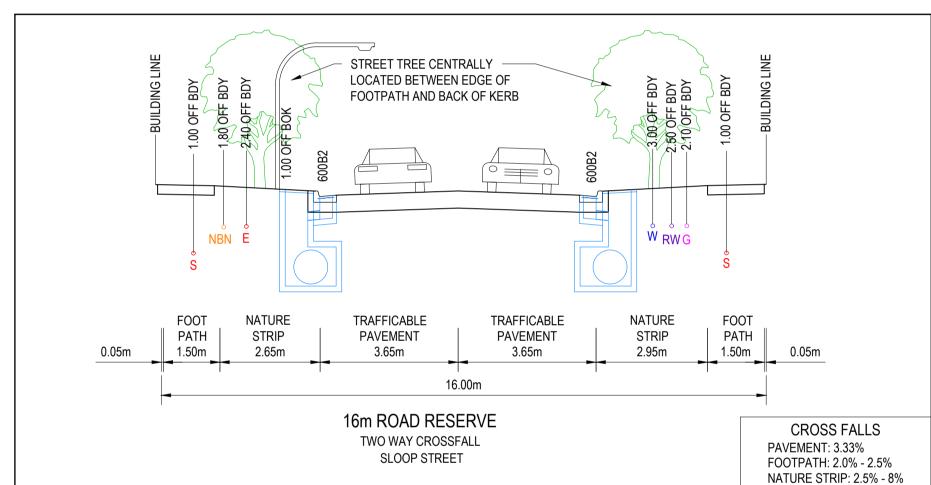
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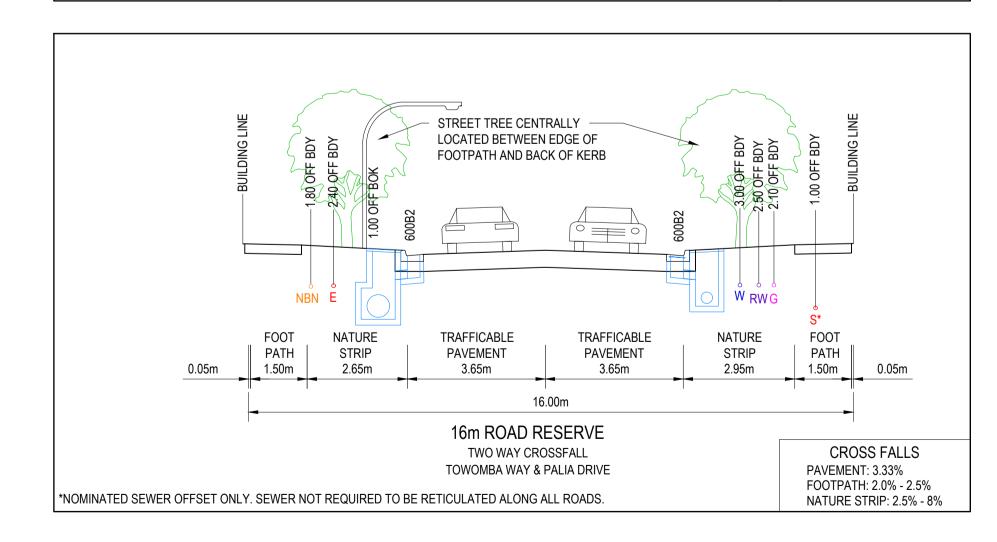
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	PROJECT ENGINEER	PROJECT MANAGER		DATE FIRST ISSUE			
	M.TROUNCE	M.7	TROUNCE	DEC	EMBER 2022		
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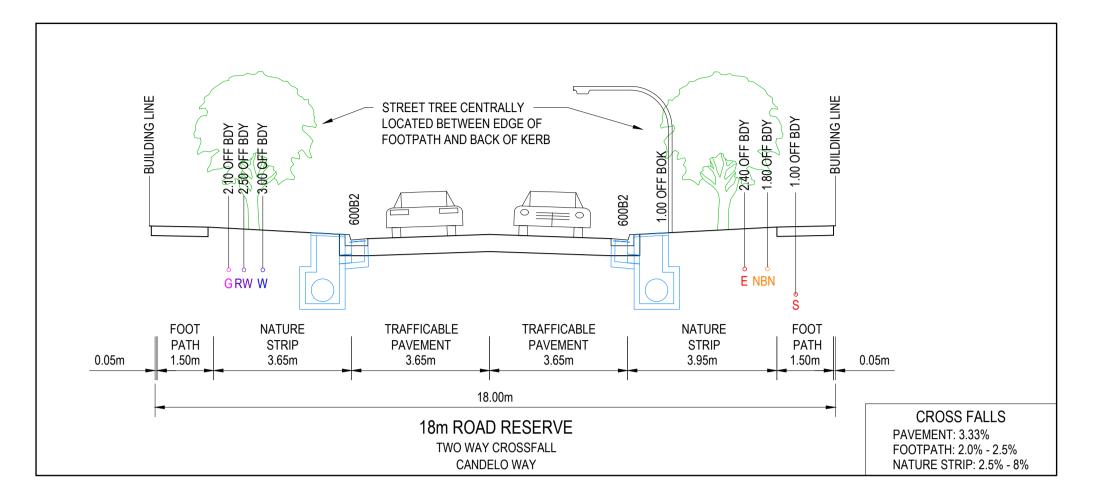


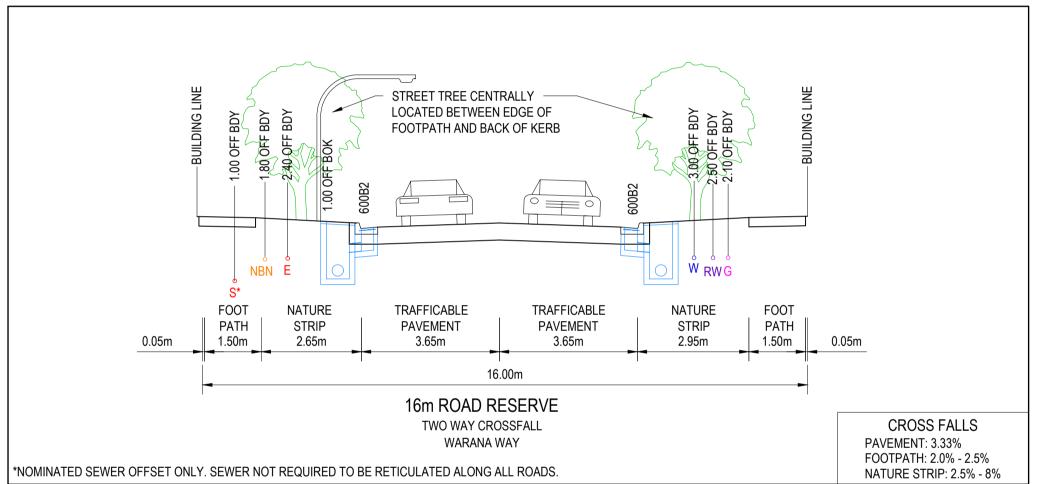


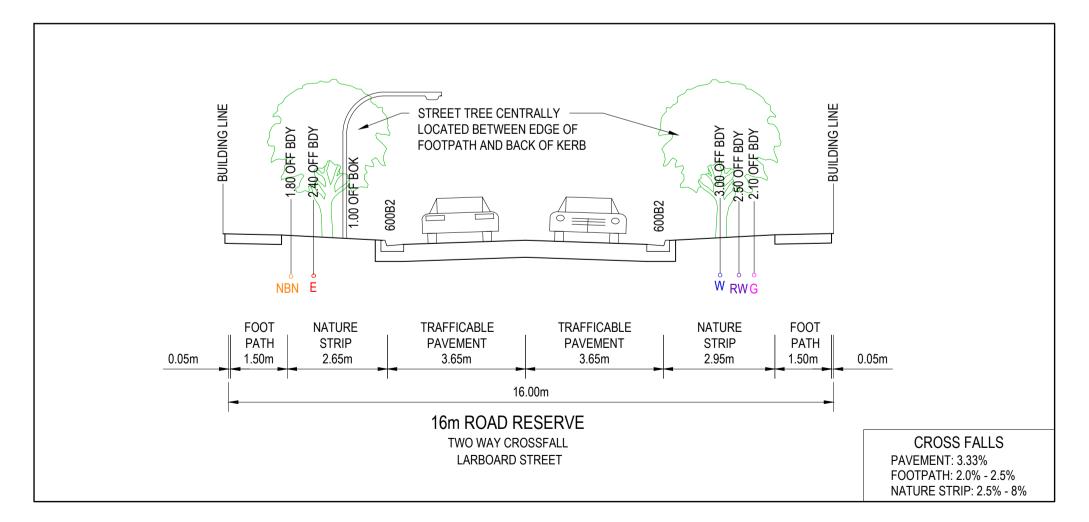












DRAWING TITLE

Planning and Environment Act 1987
Wyndham Planning Scheme

Approved Plan As Required under Condition 40 Permit No WYP10817/18 Date 18/04/2023

WARNING BEWARE OF UNDERGROUND & OVERHEAD SERVICES

The locations of underground & overhead services are approximate only & 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

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200282.12

REVISION	DATE ISSUE DESCRIPTION		DRAWN	DESIGNED	APPROVED	CLIE
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	
В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	,
Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	







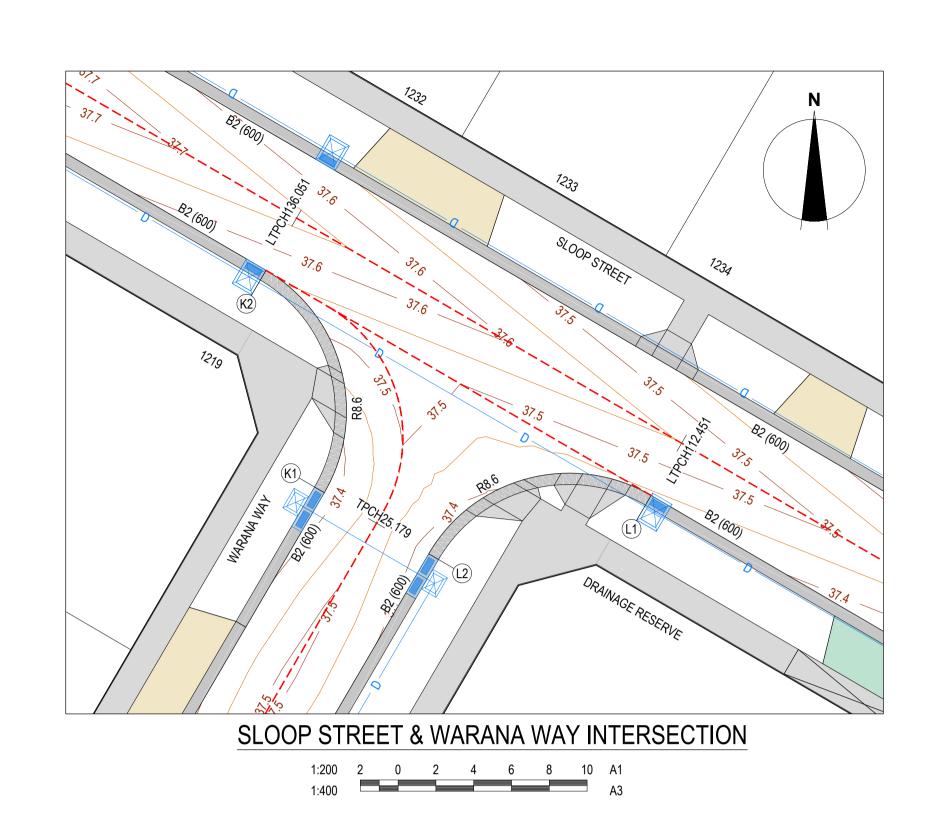
ALAMORA - STAGE 12	
TYPICAL CROSS SECTIONS	ISS

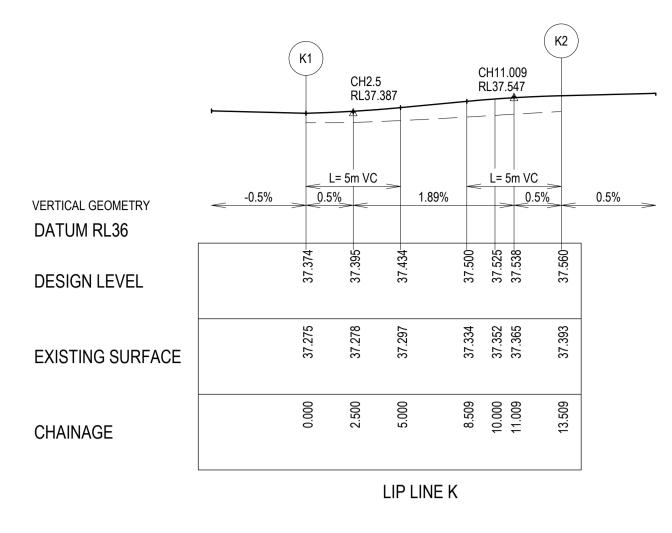
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PROJECT No.		DRAWING No.		REVISION

R202





ALIGNMENT K

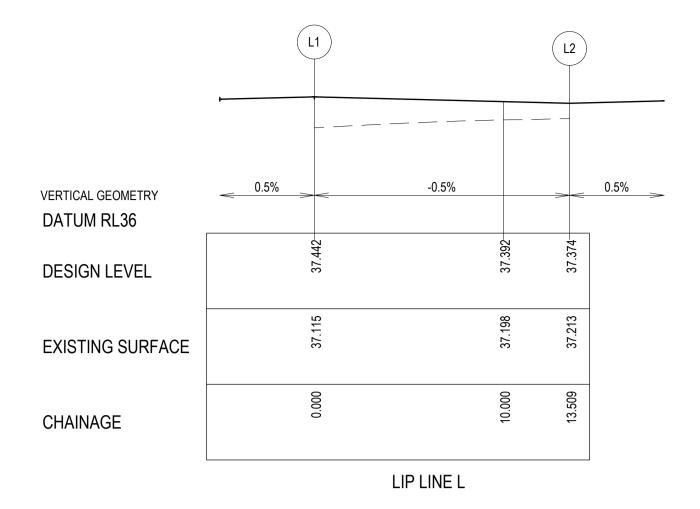
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K2 292150.315 5807094.81 37.56

CURVE NO I RAD. ARC A B X Y I MID POINT RL

K1 - K2 90 8.6 13.509 2.519 1.864 3.291 2.79 3.377 37.467



LEGEND - INTERSECTION PLAN

STORMWATER DRAIN AND PIT

EXISTING STORMWATER DRAIN AND PIT

MAJOR CONTOUR - 0.1m

MINOR CONTOUR - 0.05m

CROWN / GRADE LINE

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES

The locations of underground & overhead services are approximate only & 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

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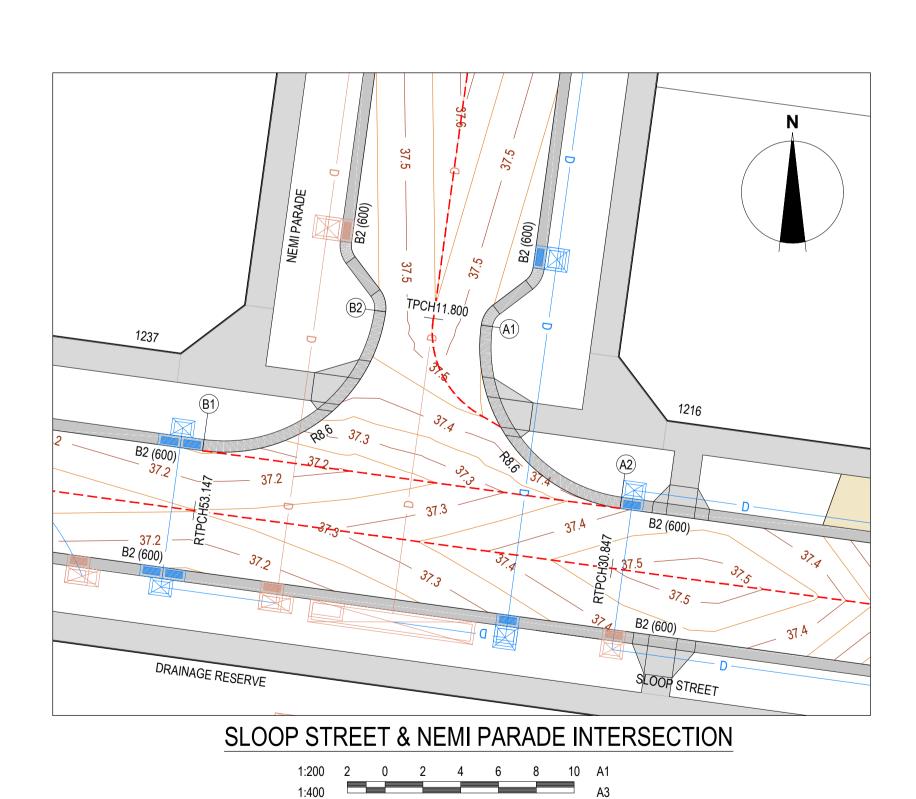
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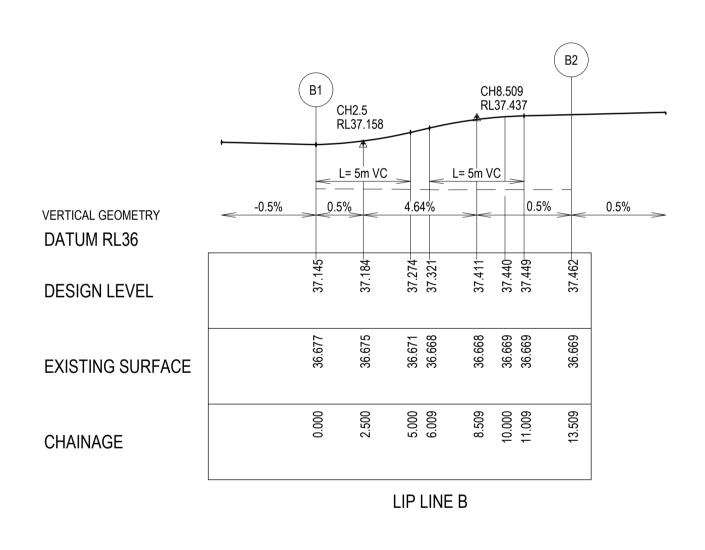
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Planning and Environment Act 1987 Wyndham Planning Scheme

Approved Plan As Required under Condition 40
Permit No WYP10817/18
Date 18/04/2023





VERTICAL GEOMETRY
DATUM RL36

DESIGN LEVEL

EXISTING SURFACE

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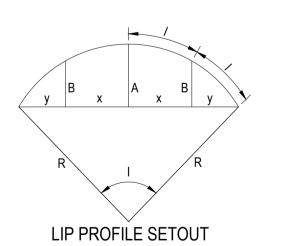
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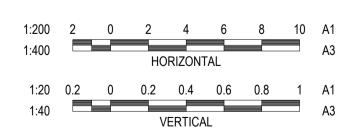
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ALIGNMENT A

PT NO EASTING NORTHING RL
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A2 292249.318 5807064.768 37.392

CURVE NO I RAD. ARC A B X Y I MID POINT RL A1 - A2 90 8.6 13.509 2.519 1.864 3.291 2.79 3.377 37.427







REVISION DATE		ISSUE DESCRIPTION	DRAWN	DESIGNED		CLIEN
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	//
В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	N.
А	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	





ALIGNMENT B

PT NO EASTING NORTHING RL

B1 292227.228 5807067.82 37.145

B2 292236.924 5807075.162 37.462

CURVE NO I RAD. ARC A B X Y I MID POINT RL

B1 - B2 90 8.6 13.509 2.519 1.864 3.291 2.79 3.377 37.353



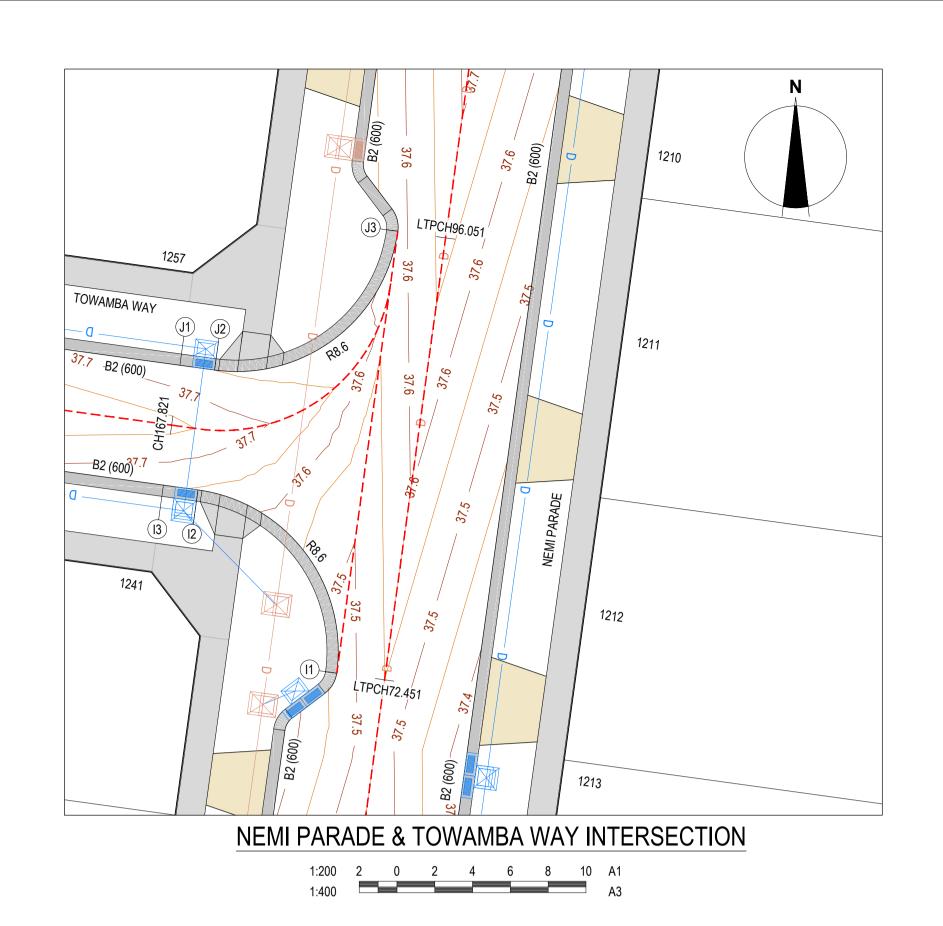
ALAMORA - STAGE 12	
INTERSECTION DETAILS - 1	

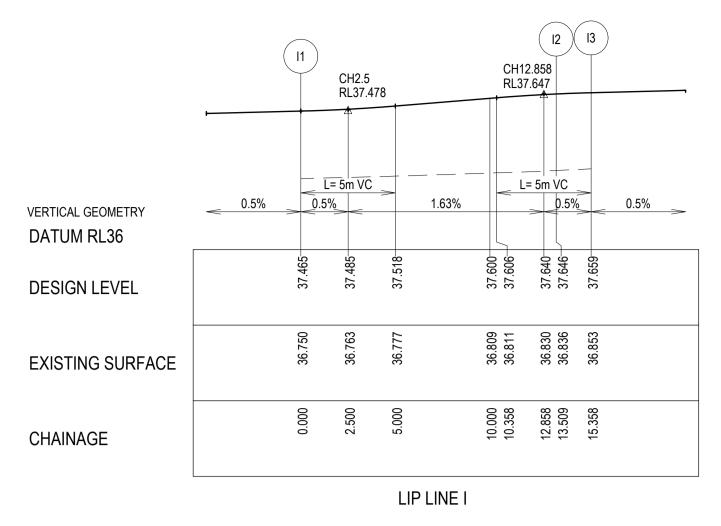
DRAWING TITLE

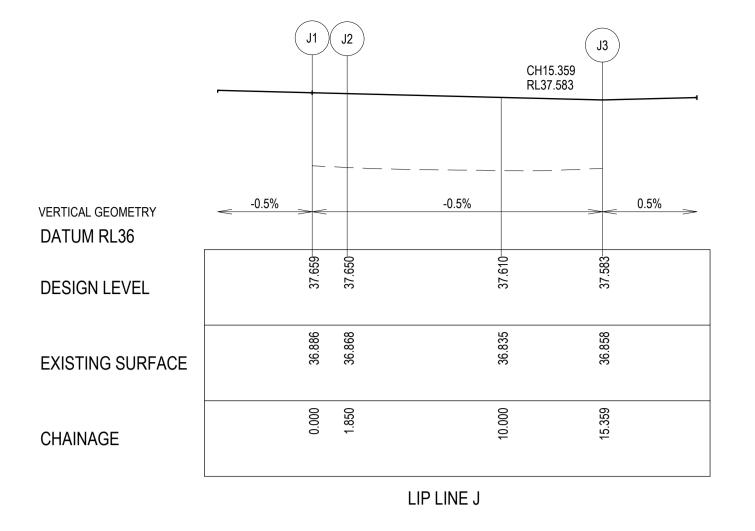
ISSUED FOR
CONSTRUCTION

SCALE AT A1	DRAWN		DESIGNED)
AS SHOWN	С	.ROHDE	(C.ROHDE
PROJECT ENGINEER	PROJECT N	MANAGER	DATE FIRS	ST ISSUE
M.TROUNCE	M.7	FROUNCE	DEC	EMBER 2022
PROJECT No.		DRAWING No.		REVISION

R300







ALIGNMENT J

PT NO EASTING NORTHING RL

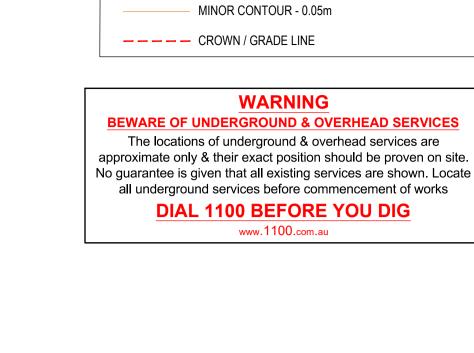
J1 292236.926 5807151.531 37.659

J3 292248.455 5807158.62 37.583

RAD. ARC A B X Y I MID POINT RL

J2 - J3 90 8.6 13.509 2.519 1.864 3.291 2.79 3.377 37.616

J2 292238.759 5807151.278 37.65



LEGEND - INTERSECTION PLAN

_____ STORMWATER DRAIN AND PIT

EXISTING STORMWATER DRAIN AND PIT

MAJOR CONTOUR - 0.1m

Planning and Environment Act 1987

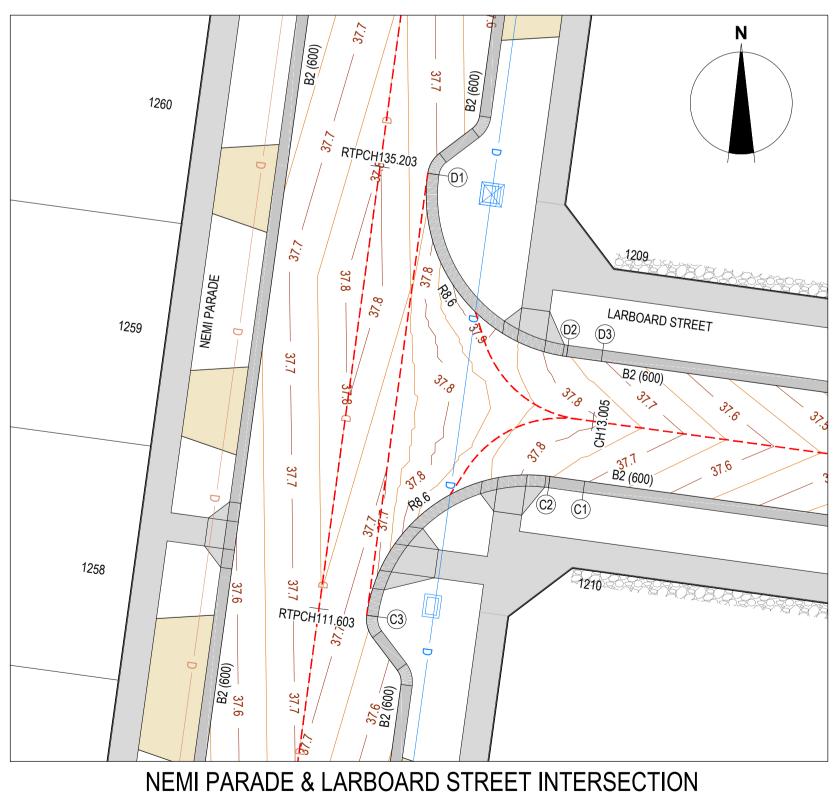
Approved Plan As Required under Condition 40 Permit No WYP10817/18 Date 18/04/2023

Wyndham Planning Scheme

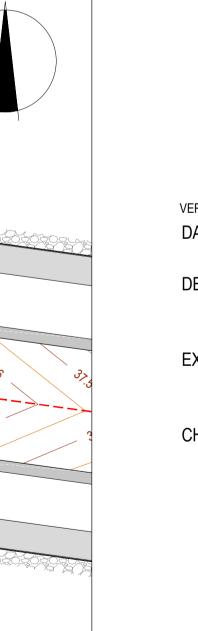
ALIGNMENT I

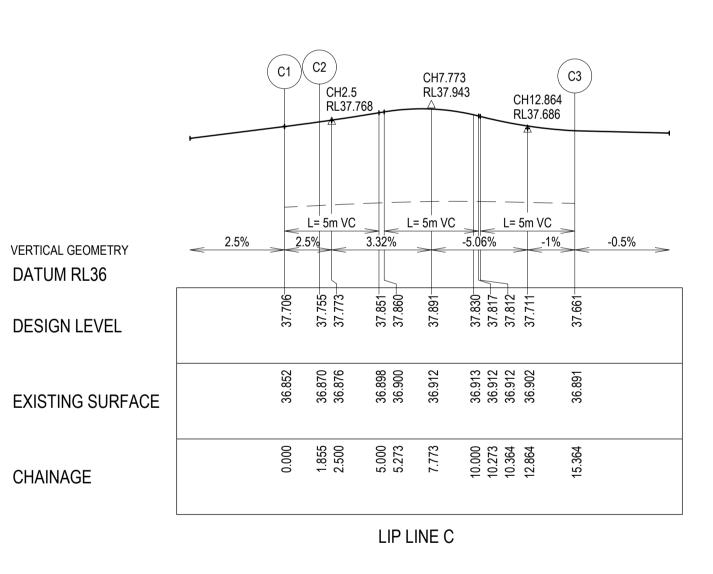
PT NO EASTING NORTHING RL 11 292245.225 5807135.242 37.465 12 292237.883 5807144.939 37.646 13 292236.051 5807145.191 37.659

CURVE NO I RAD. ARC A B X Y I MID POINT RL 11 - 12 90 8.6 13.509 2.519 1.864 3.291 2.79 3.377 37.547



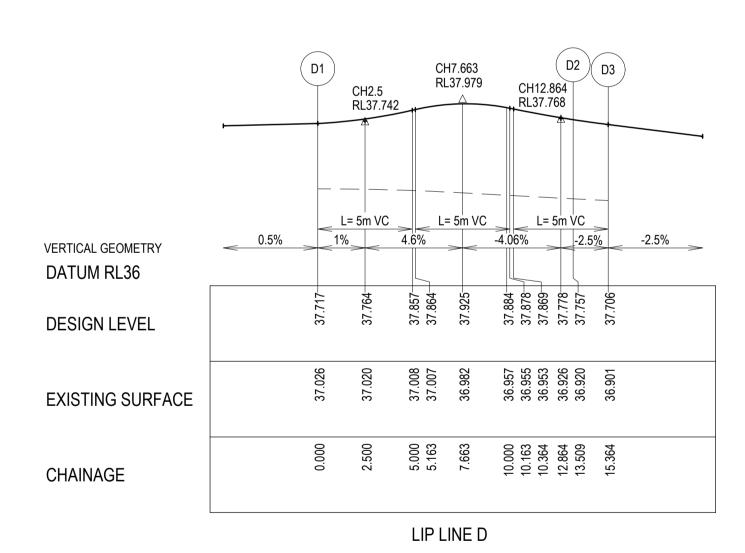
1:200 2 0 2 4 6 8 10 A1 1:400 A3





CURVE NO I RAD. ARC A B X Y I MID POINT RL

C2 - C3 90 8.6 13.509 2.519 1.864 3.291 2.79 3.377 37.878



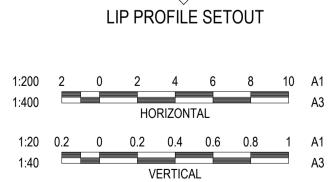
DRAWING TITLE

PT NO EASTING NORTHING RL D1 292258.865 5807196.706 37.717 D2 292266.207 5807187.01 37.757 D3 292268.045 5807186.756 37.706

ALIGNMENT D

CURVE NO I RAD. ARC A B X Y I MID POINT RL D1 - D2 90 8.6 13.509 2.519 1.864 3.291 2.79 3.377 37.915

STATUS



<u>LEGEND</u>	
	EXISTING SURFACE
	DESIGN LINE

REVISION DATE		ISSUE DESCRIPTION		DRAWN DESIGNED		CLIEN
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	/4
В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	1
Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	





ALIGNMENT C

PT NO EASTING NORTHING RL

C1 292267.169 5807180.417 37.706

C2 292265.331 5807180.67 37.755

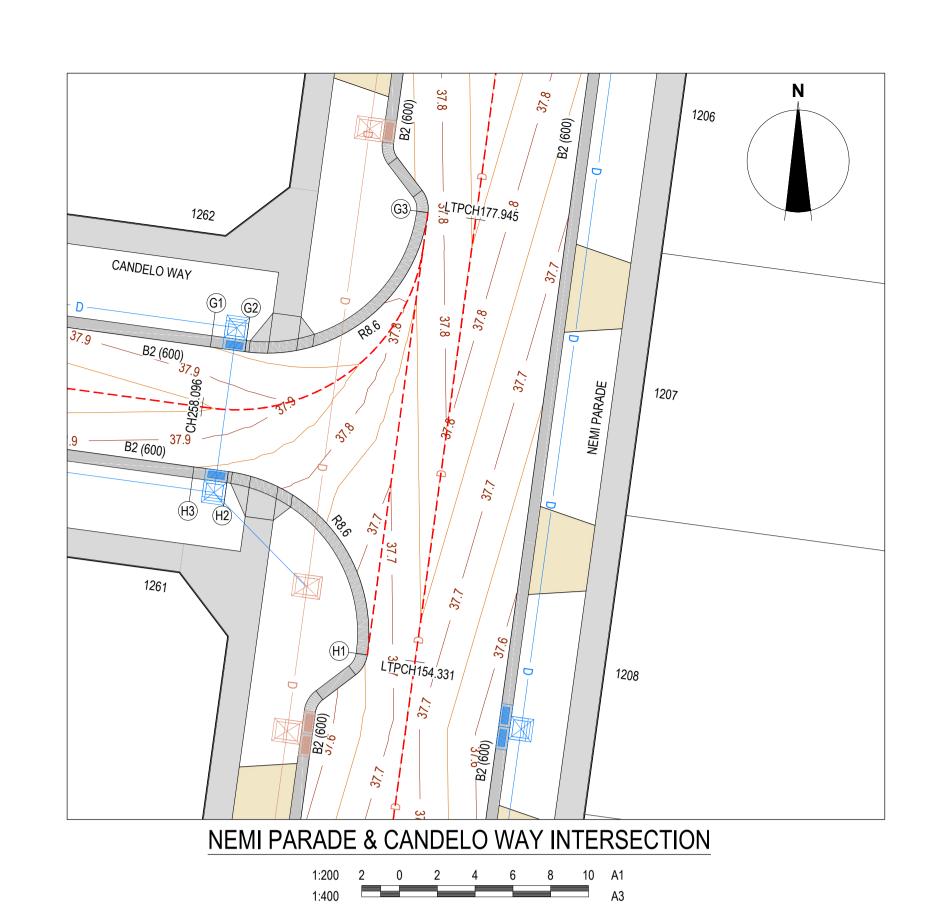
C3 292255.635 5807173.328 37.661

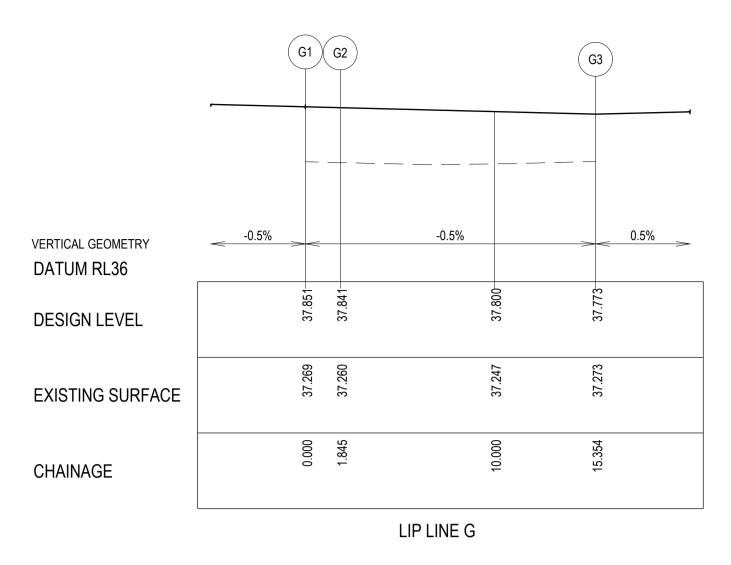


ALAMORA - STAGE 12	
INTERSECTION DETAILS - 2	

SCALE AT A1	DRAWN		DESIGNED		
AS SHOWN	C.ROHDE		C.ROHDE		
PROJECT ENGINEER	PROJECT MANAGER		DATE FIRST ISSUE		
M.TROUNCE	M.TROUNCE		DECEMBER 2022		
PROJECT No.		DRAWING No.		REVISION	

R301





ALIGNMENT G

PT NO EASTING NORTHING RL

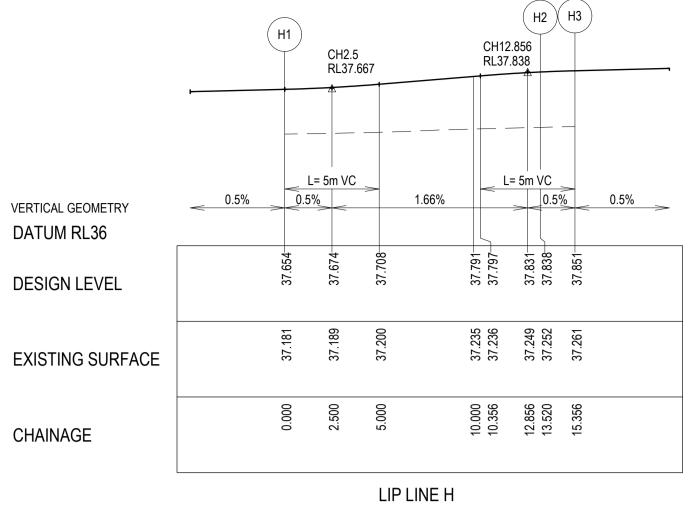
G1 292248.128 5807232.64 37.851

G2 292249.955 5807232.389 37.841

G3 292259.642 5807239.744 37.773

CURVE NO I RAD. ARC A B X Y I MID POINT RL

G2 - G3 90 8.6 13.509 2.519 1.864 3.291 2.79 3.377 37.807



ALIGNMENT H

PT NO EASTING NORTHING RL

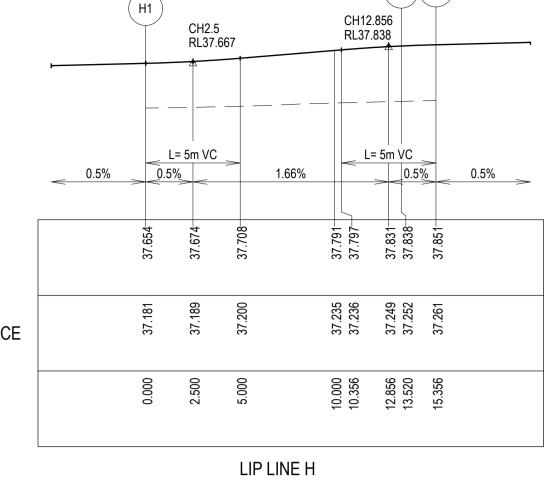
H1 292256.431 5807216.352 37.654

H2 292249.079 5807226.05 37.838

H3 292247.26 5807226.299 37.851

CURVE NO I RAD. ARC A B X Y I

H1 - H2 90.072 8.6 13.52 2.523 1.867 3.294 2.791 3.38 37.737



Planning and Environment Act 1987 Wyndham Planning Scheme

LEGEND - INTERSECTION PLAN

— — — — CROWN / GRADE LINE

_____ STORMWATER DRAIN AND PIT

EXISTING STORMWATER DRAIN AND PIT

MAJOR CONTOUR - 0.1m

MINOR CONTOUR - 0.05m

WARNING BEWARE OF UNDERGROUND & OVERHEAD SERVICES

The locations of underground & overhead services are

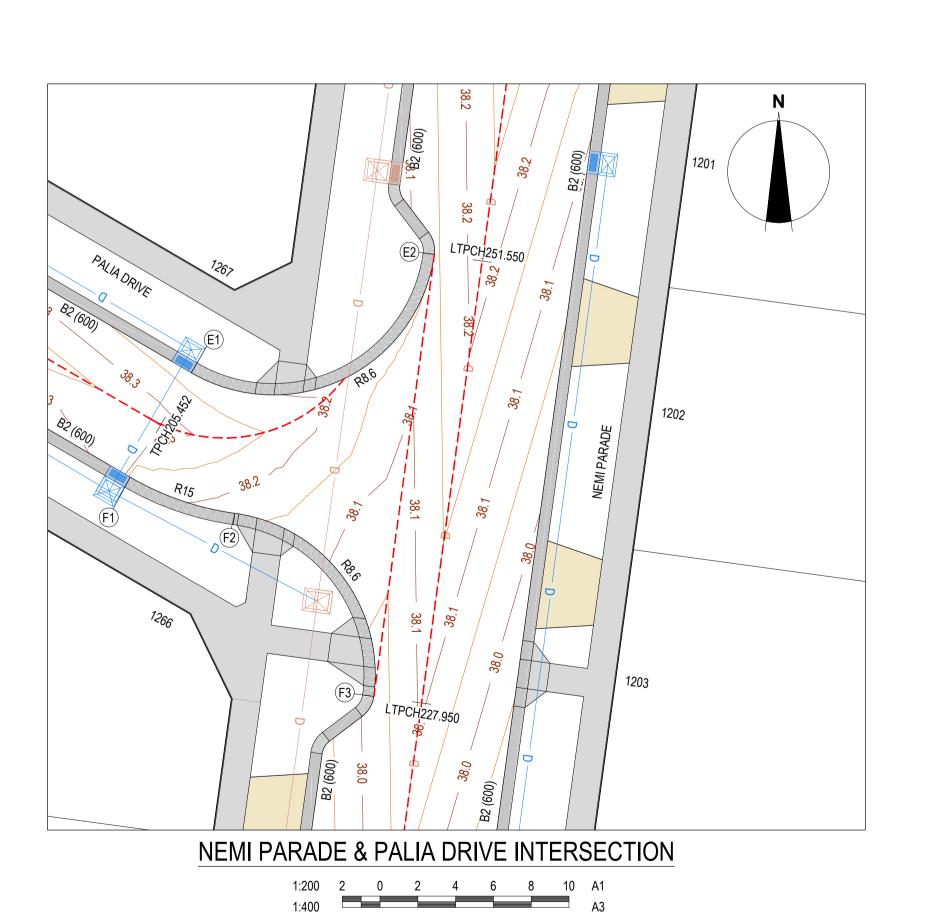
approximate only & their exact position should be proven on site.

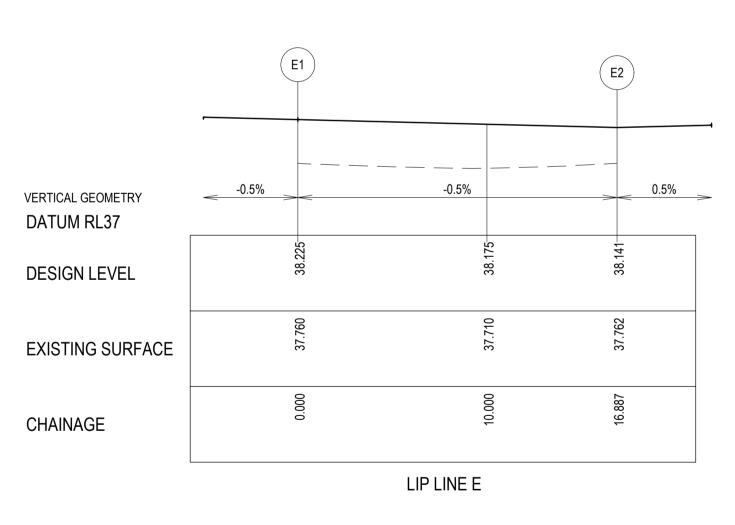
No guarantee is given that all existing services are shown. Locate

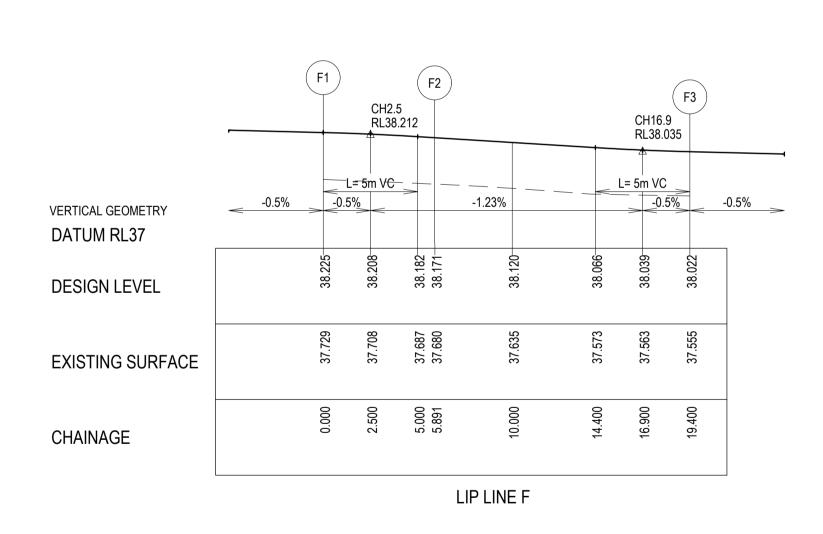
all underground services before commencement of works

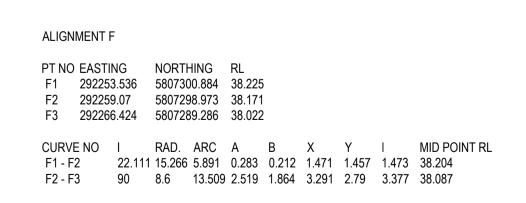
DIAL 1100 BEFORE YOU DIG www.1100.com.au

> Approved Plan As Required under Condition 40 Permit No WYP10817/18 Date 18/04/2023









		F			> /	R		
		L	IP PR	OFILE	SET	OUT		
1:200	2	0	2	4	6	8	10	A1
1:400			НО	RIZON	ΓAL			A3
1:20	0.2	0	0.2	0.4	0.6	0.8	1	A1
1:40			V	ERTICA	\L			A3
	L	EGI	END) -				
	_			EXIS	STING S	SURFAC	Ε	

— DESIGN LINE

R302

REVISION DATE		ISSUE DESCRIPTION		DESIGNED	APPROVED	CL
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	
В	B 09/02/23 AMENDED TO COUNCIL COMMENTS (09/01/23)		C.R	C.R	M.T	
Δ	22/12/22	ISSUED FOR APPROVAL	CB	CB	MT	l





ALIGNMENT E

PT NO EASTING NORTHING RL E1 292256.765 5807306.409 38.225 E2 292269.625 5807312.668 38.141

CURVE NO I RAD. ARC A B X Y I MID POINT RL

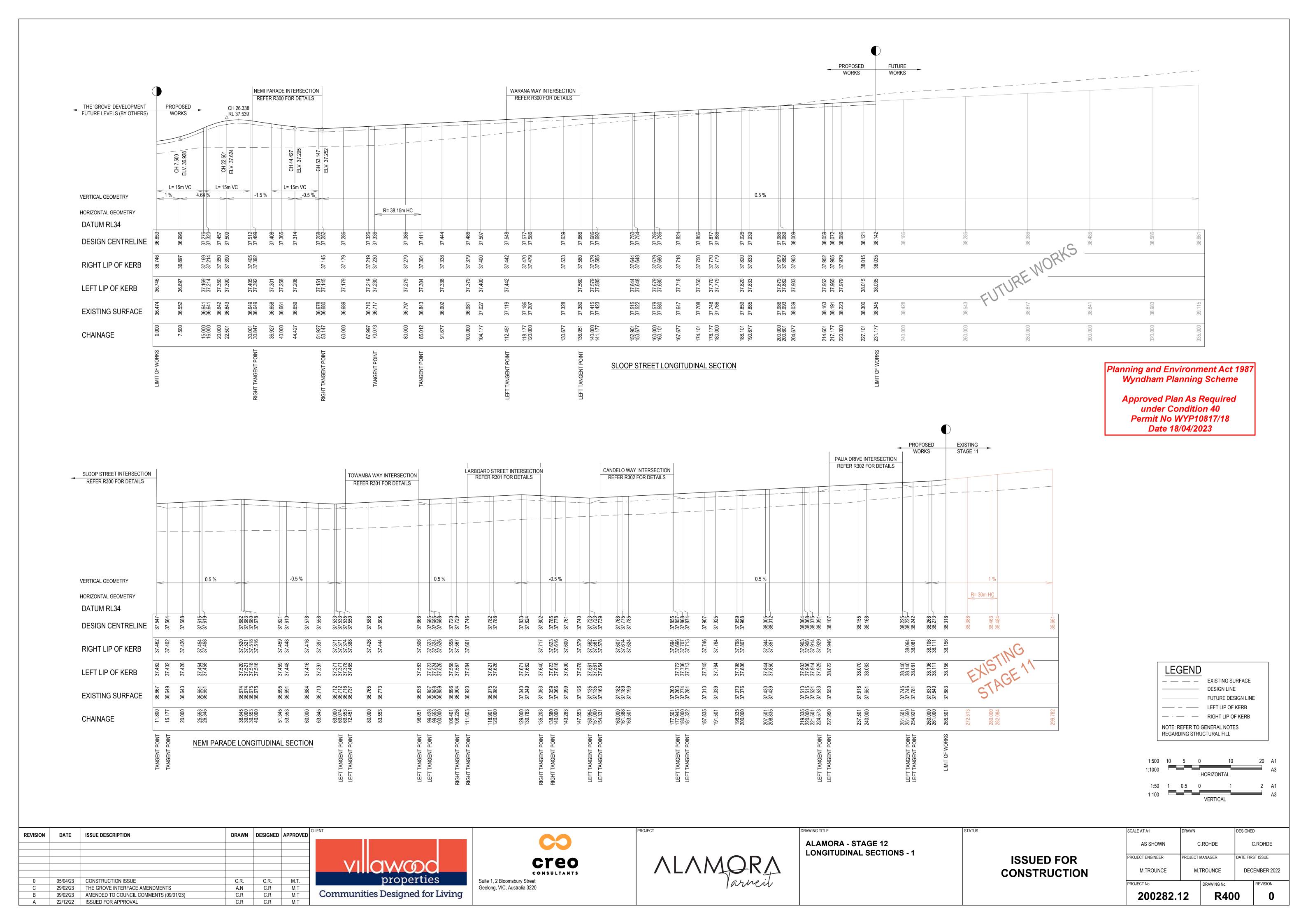
E1 - E2 112.508 8.6 16.887 3.823 2.807 4.054 3.097 4.222 38.183

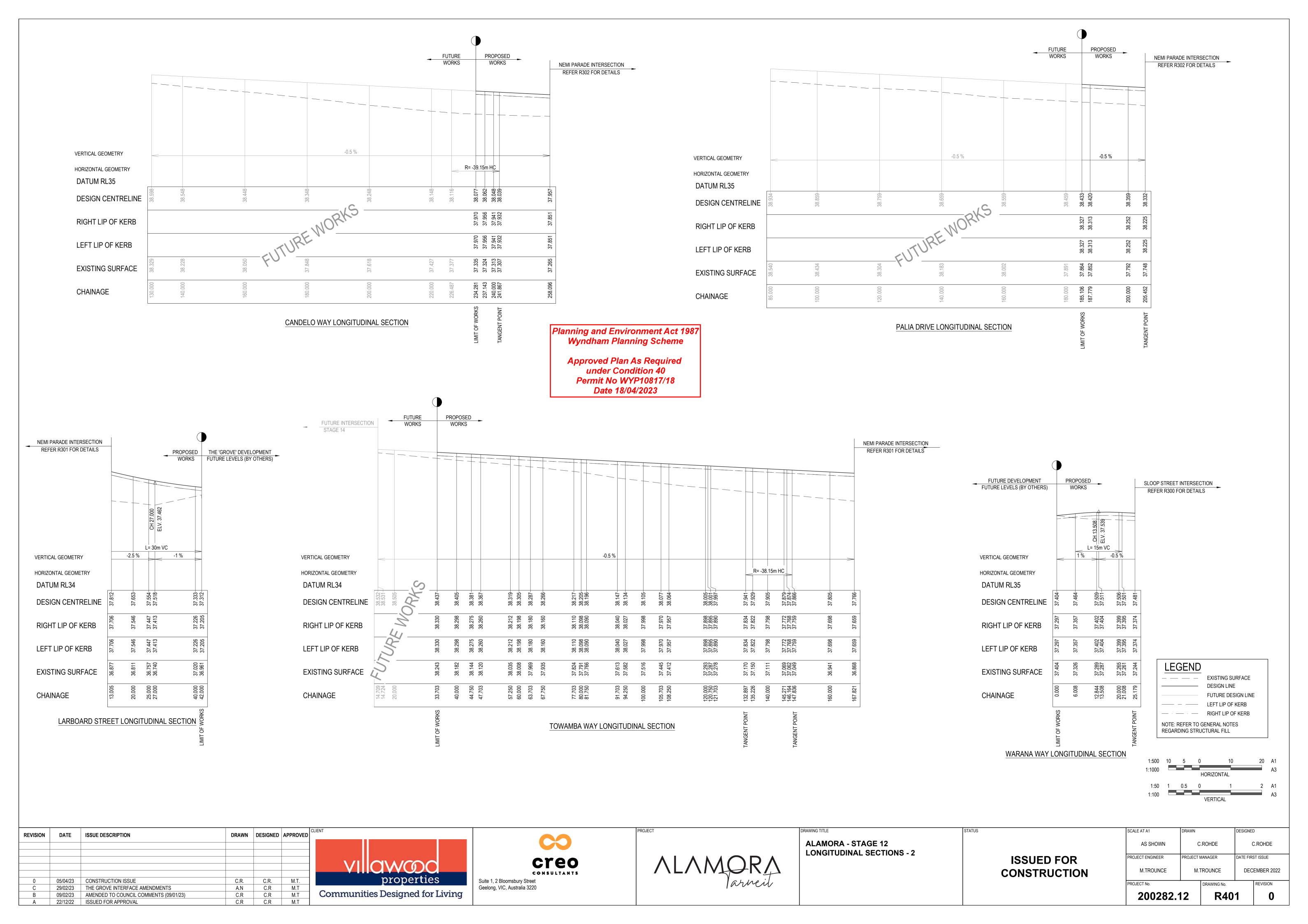
1 LAMORA arneit

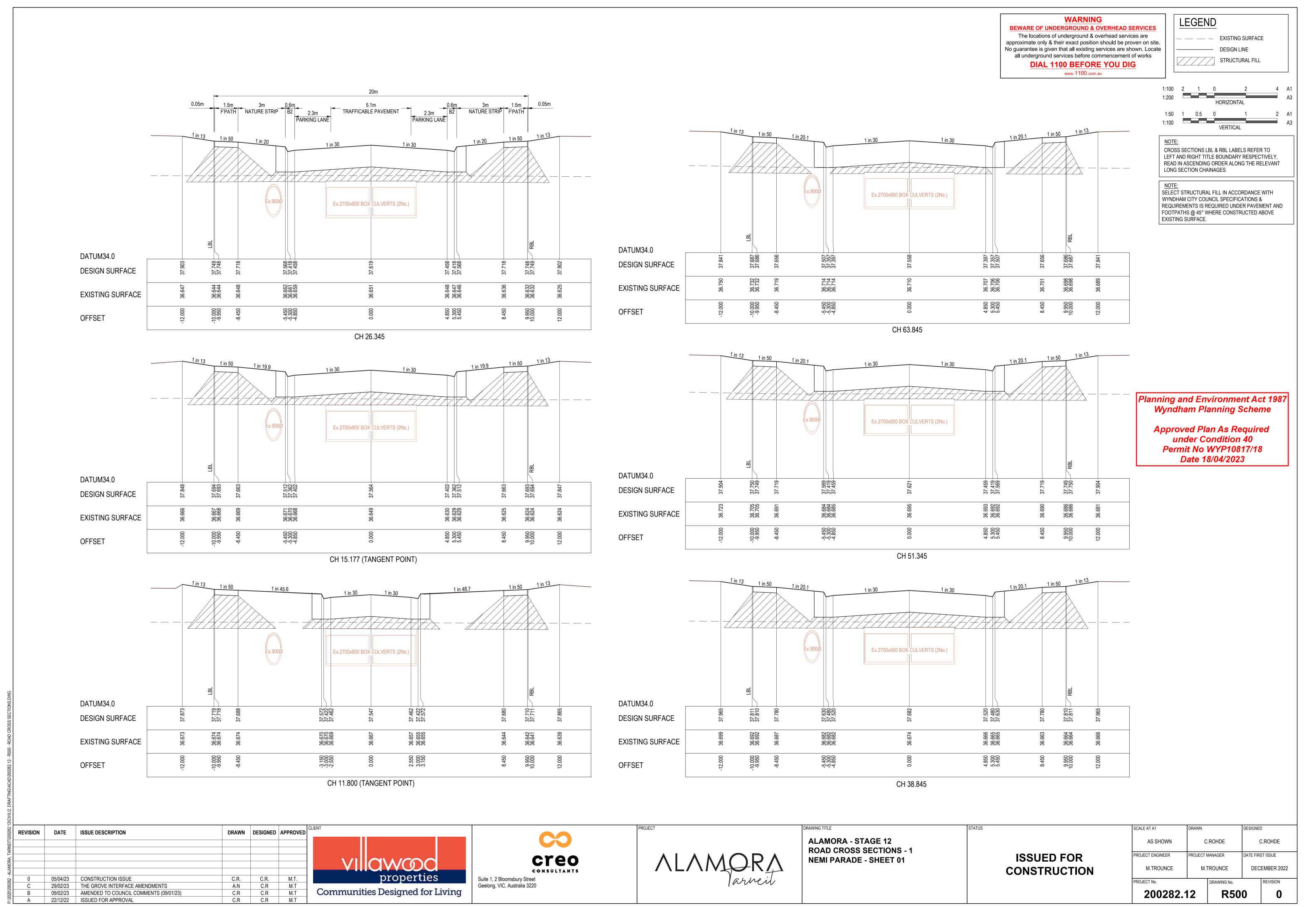
ALA	MORA - STAGE 12 ERSECTION DETAILS - 3
INTE	RSECTION DETAILS - 3

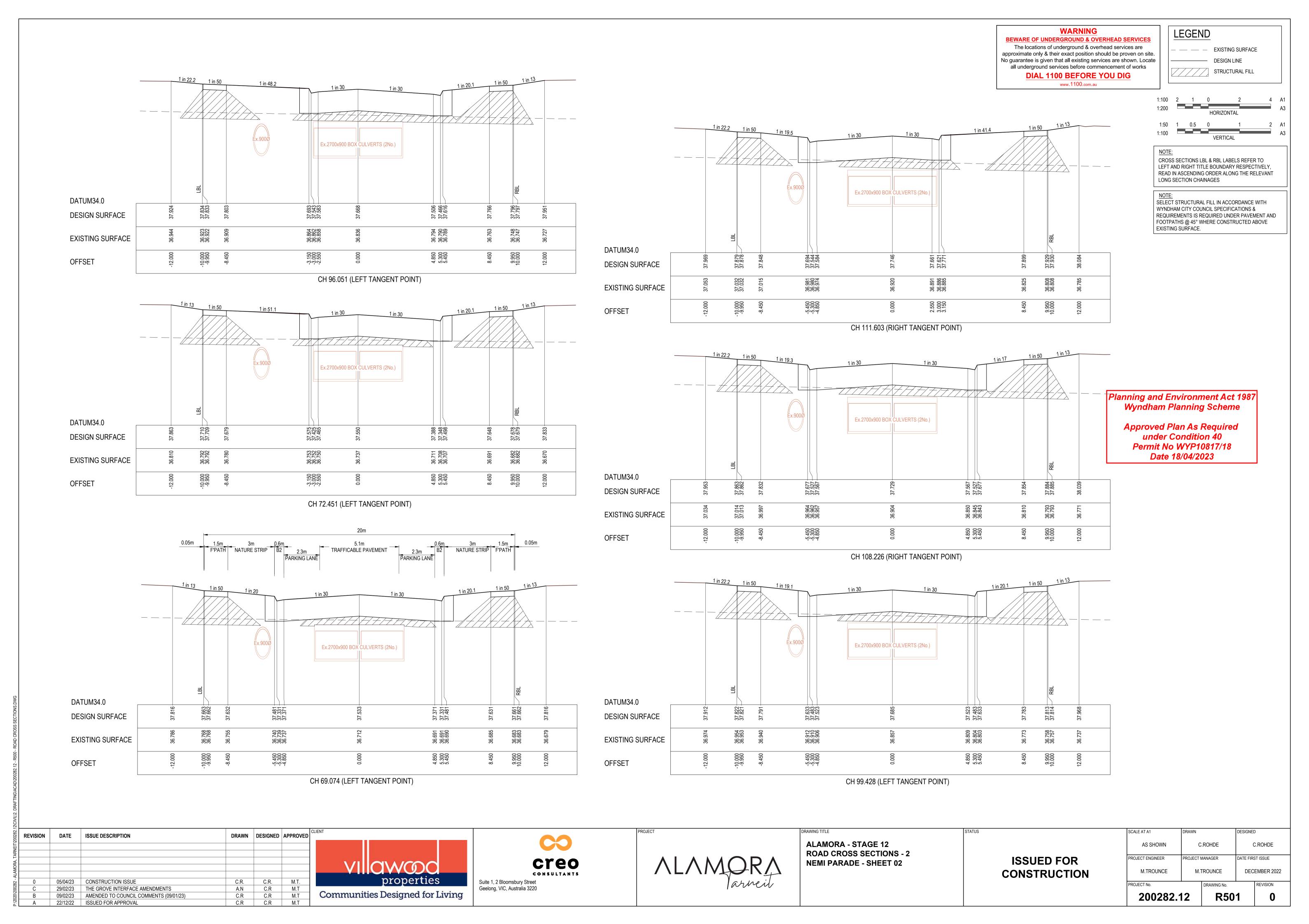
ISSUED FOR	
ONSTRUCTION	

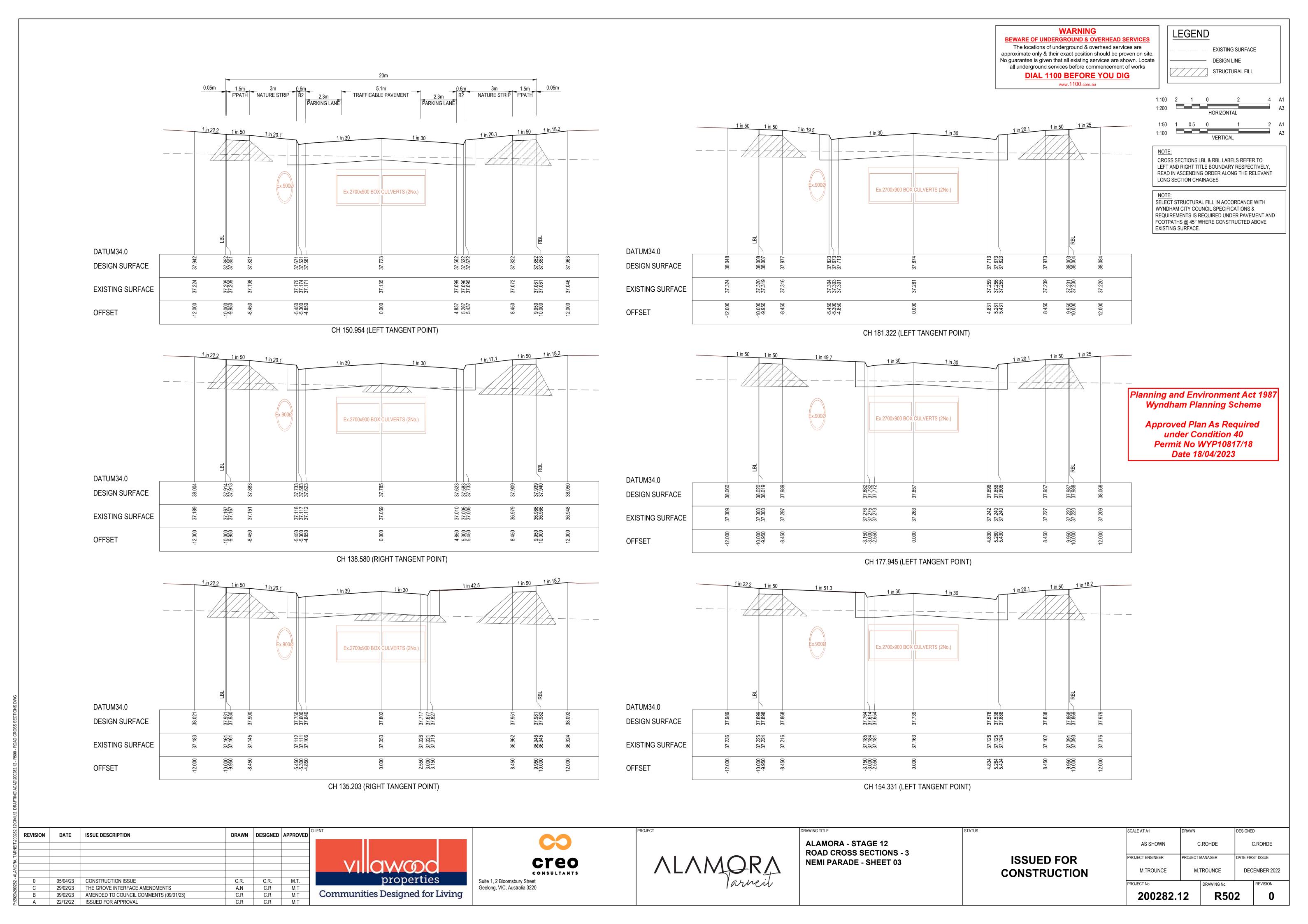
SCALE AT A1	DRAWN		DESIGNED		
AS SHOWN	C.ROHDE		C.ROHDE		
PROJECT ENGINEER	PROJECT MANAGER		DATE FIRST ISSUE		
M.TROUNCE	M.TROUNCE		DECEMBER 2022		
PROJECT No.		DRAWING No.		REVISION	

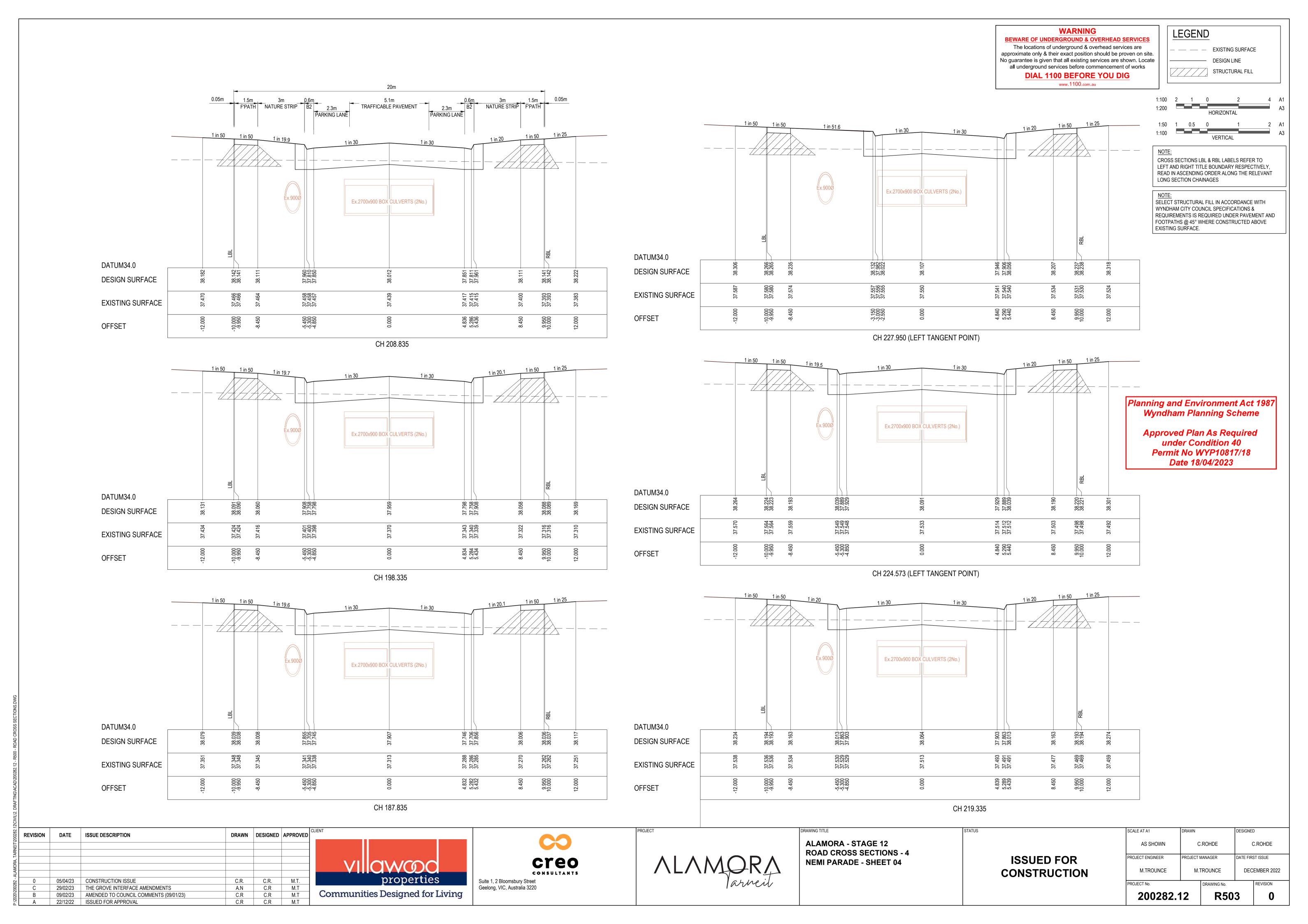


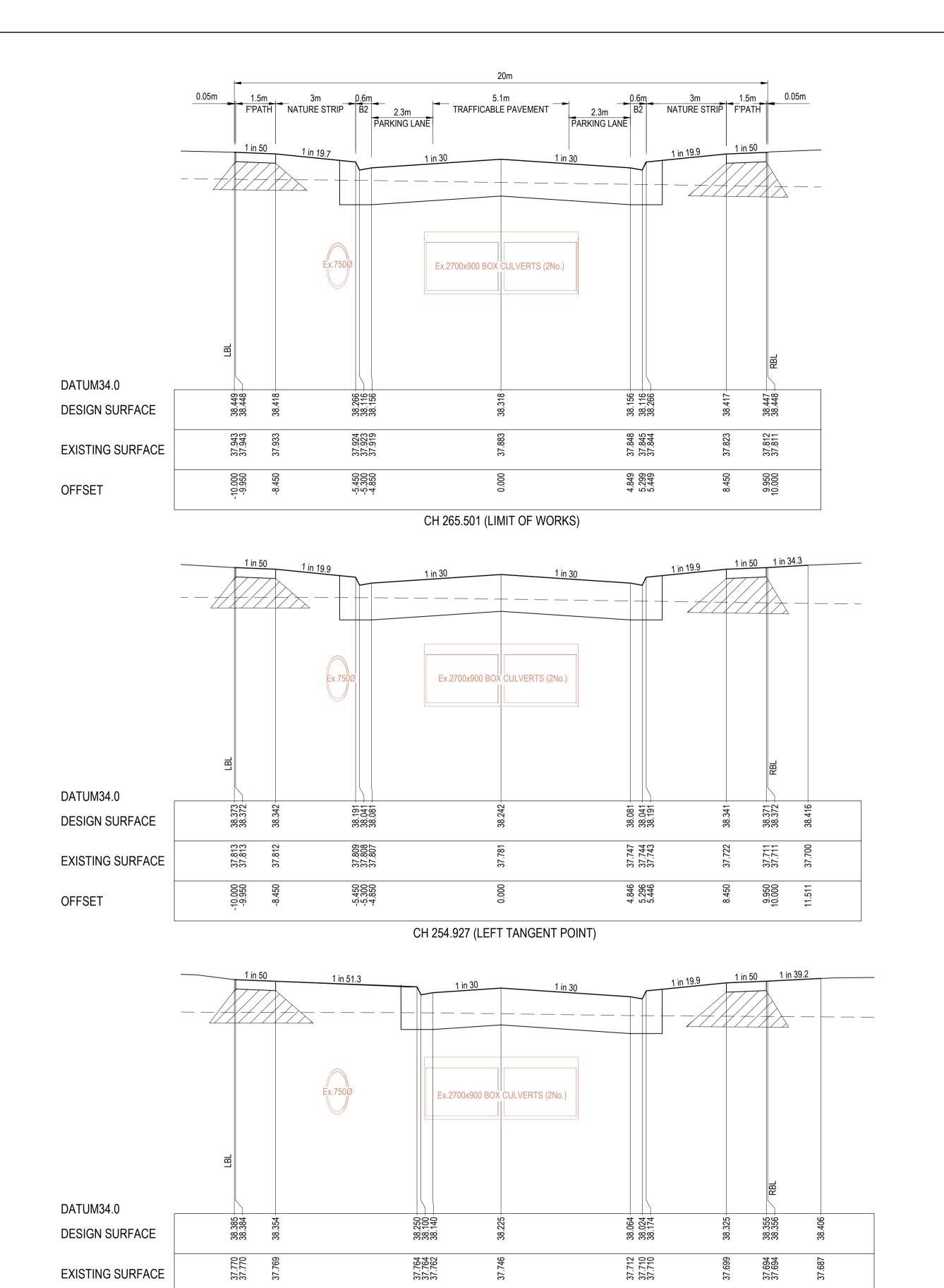












CH 251.550 (LEFT TANGENT POINT)

-3.150 -3.000 -2.550



OFFSET



-10.000 -9.950



4.846 5.296 5.446 9.950 10.000

> ALAMORA - STAGE 12 ROAD CROSS SECTIONS - 5 NEMI PARADE - SHEET 05

ISSUED FOR	
ICCCLDICK	
CONSTRUCTION	

STATUS

	SCALE AT A1	DRAWN		DESIGNED	
	AS SHOWN	С	.ROHDE	C.ROHDE	
PROJECT ENGINEER		PROJECT MANAGER		DATE FIRST ISSUE	
	M.TROUNCE	M.7	TROUNCE	DEC	EMBER 2022
	PROJECT No.		DRAWING No		REVISION

R504

200282.12

1:100 2 1 0 2 4 A 1:200 HORIZONTAL 1:50 1 0.5 0 1 2 A

— — — EXISTING SURFACE

——— DESIGN LINE

NOTE:

CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY, READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

LEGEND

NOTE:
SELECT STRUCTURAL FILL IN ACCORDANCE WITH
WYNDHAM CITY COUNCIL SPECIFICATIONS &
REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND
FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE
EXISTING SURFACE.

Planning and Environment Act 1987
Wyndham Planning Scheme

WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES

The locations of underground & overhead services are

approximate only & their exact position should be proven on site.

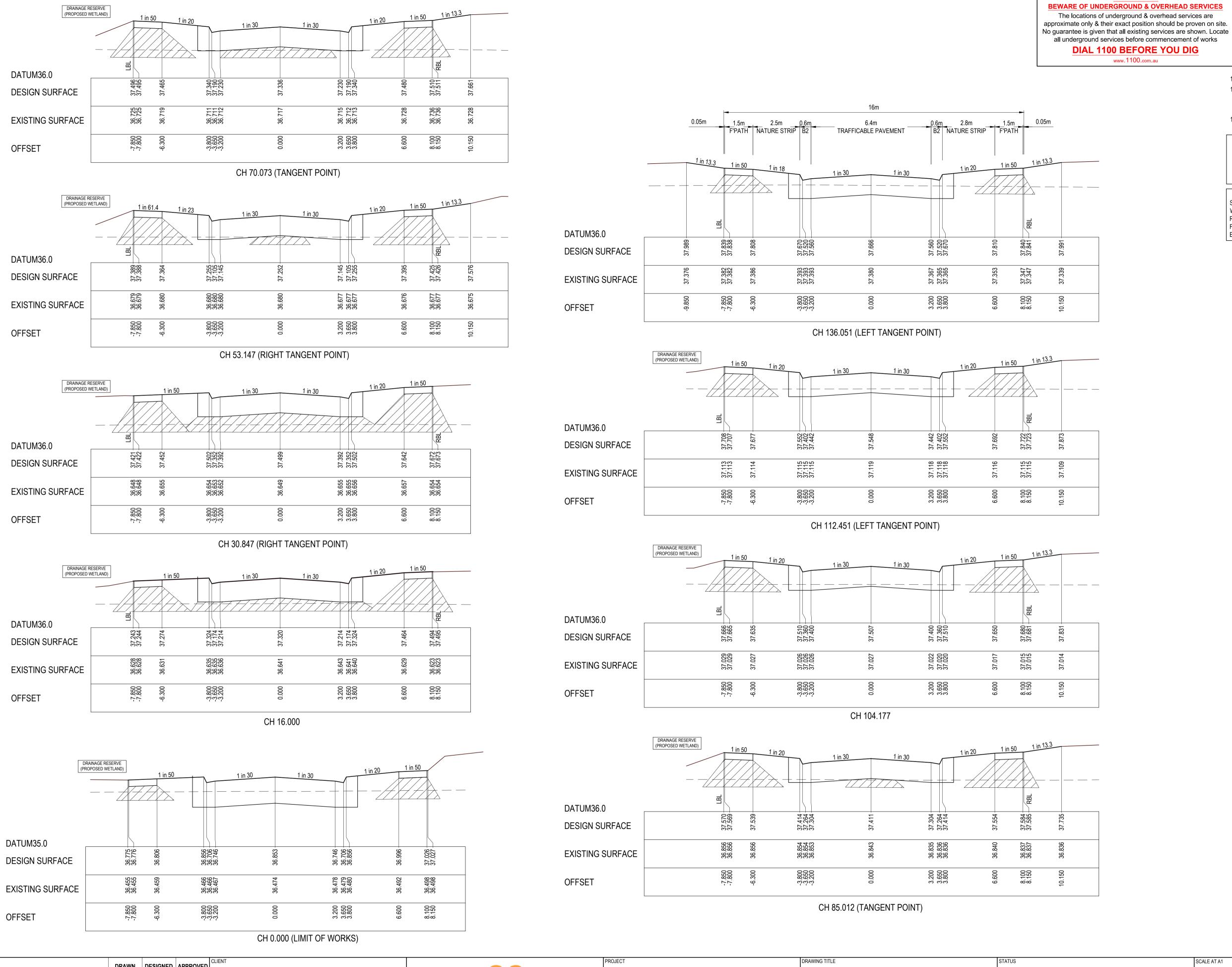
No guarantee is given that all existing services are shown. Locate

all underground services before commencement of works

DIAL 1100 BEFORE YOU DIG

www.1100.com.au

Approved Plan As Required under Condition 40 Permit No WYP10817/18 Date 18/04/2023



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T
В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T
Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T







ALAMORA - STAGE 12
ROAD CROSS SECTIONS - 6
SLOOP STREET - SHEET 01

ISSUED FOR
CONSTRUCTION

WARNING

LEGEND

1:50 1 0.5 0

LONG SECTION CHAINAGES

EXISTING SURFACE.

NOTE:

— — — EXISTING SURFACE

— DESIGN LINE

HORIZONTAL

VERTICAL

CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY, READ IN ASCENDING ORDER ALONG THE RELEVANT

SELECT STRUCTURAL FILL IN ACCORDANCE WITH

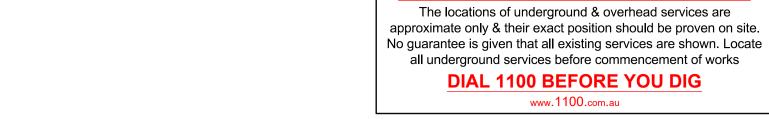
REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE

WYNDHAM CITY COUNCIL SPECIFICATIONS &

STRUCTURAL FILL

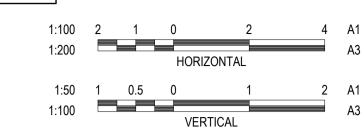
SCALE AT A1	DRAWN		DESIGNED)
AS SHOWN	С	.ROHDE	(C.ROHDE
PROJECT ENGINEER	PROJECT N	MANAGER	DATE FIRST ISSUE	
M.TROUNCE	M .7	FROUNCE	DECEMBER 2022	
PROJECT No.		DRAWING No.		REVISION

R505



WARNING





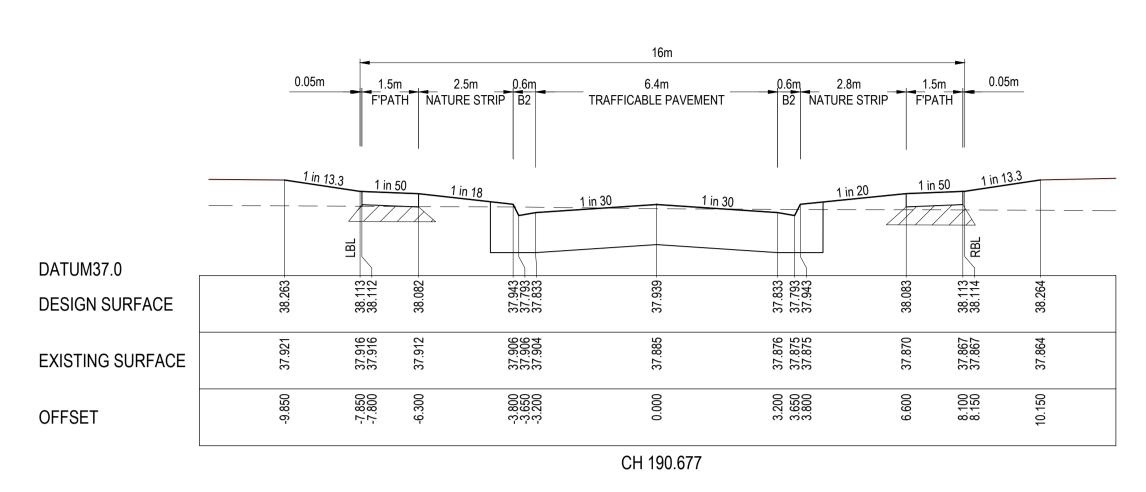
NOTE:

CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY, READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

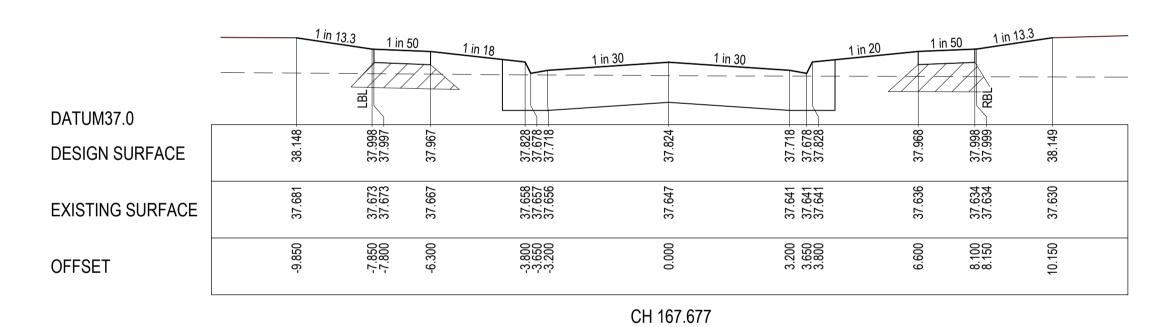
NOTE:
SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.

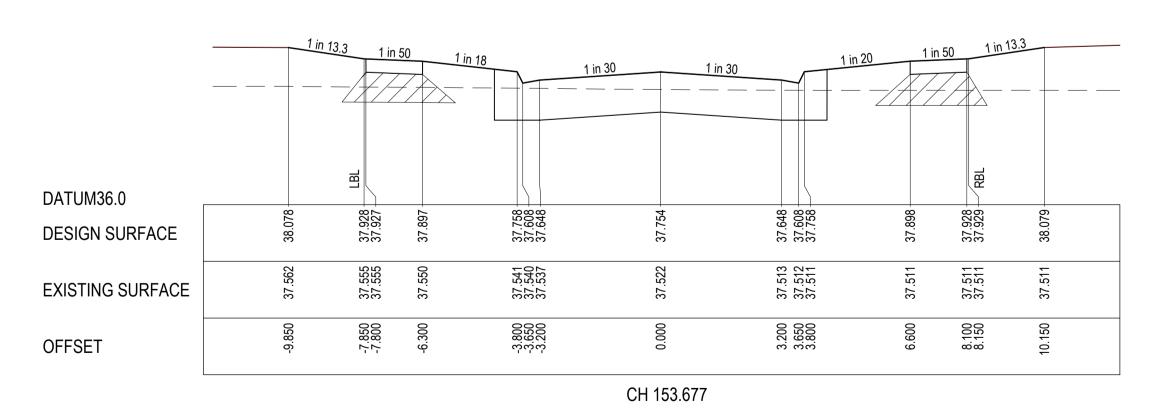
Planning and Environment Act 1987 Wyndham Planning Scheme

Approved Plan As Required under Condition 40 Permit No WYP10817/18 Date 18/04/2023



DATUM37.0		<u>lin 13.3</u> 1 in a	50	1 in 18 1 i	n 30 1 ir	130	n 20 1 in	50 1 in 1	3.3	
DESIGN SURFACE	38.200	38.050	38.019	37.880 37.730 37.770	37.877	37.770 37.730 37.880	38.020	38.050	38.201	
EXISTING SURFACE	37.773	37.765 37.764	37.758	37.752 37.752 37.751	37.748	37.745 37.744 37.744	37.739	37.737 37.737	37.734	
OFFSET	-9.850	-7.850	-6.300	-3.800 -3.650 -3.200	0000	3.200 3.650 3.800	0.909	8.100 8.150	10.150	
					CH 178.177					





	1 ir	1 13.31 in 5) — —	1 in 18	30 1 in	1 in 20	1 <u>in</u>		3.3	
DATUM37.0		LBL						RBL		
DESIGN SURFACE	38.465	38.315 38.314	38.284	38.145 37.995 38.035	38.142	38.035 37.995 38.145	38.285	38.315 38.316	38.466	
EXISTING SURFACE	38.388	38.380 38.379	38.372	38.350 38.359 38.357	38.345	38.336 38.335 38.335	38.328	38.324 38.323	38.318	
OFFSET	-9.850	-7.850	-6.300	-3.800 -3.650 -3.200	0.000	3.200 3.650 3.800	0.900	8.100	10.150	
L				CH 23	1.177 (LIMIT OF)	WORKS)				

DATUM37.0	1	in 13.3 1 in 50	1 in 18	1 in 30	1 in 30	1 in 20 1	in 50 1 in 1	3.3
	38.395	38.245 - 38.244 - 38.214 - 38.214 -	38.075 37.925 37.965	38.072	37.965 37.925 38.075	38.215	38.245 38.246	38.396
DESIGN SURFACE	38	38 88		38	37	38	388	
EXISTING SURFACE	38.229	38.220 38.219 38.213	38.200 38.200 38.198	38.191	38.188 38.188	38.182	38.178 38.178	38.173
OFFSET	-9.850	-7.850 -7.800 -6.300	-3.800 -3.650 -3.200	0.000	3.200 3.650 3.800	9.600	8.100 8.150	10.150
				CH 217.1	77			

	1 ir	1 13.3 1 in 50	1 in	<u>18</u> 1 i	n-30 <u> </u>	1 in 20) 1 in		3.3	
DATUM37.0 DESIGN SURFACE	38.333	38.183 38.182	38.152	38.013 37.863 37.903	38.009	37.903 37.863 38.013	38.153	38.183 38.184 RBL	38.334	
EXISTING SURFACE	38.088	38.074	38.063	38.046 38.045 38.044	38.039	38.035 38.034 38.034	38.029	38.025 38.025	38.022	
OFFSET	-9.850	-7.850	-6.300	-3.800 -3.650 -3.200	0.000	3.200 3.650 3.800	6.600	8.100	10.150	
					CH 204.677					

REVISION	DATE	DATE ISSUE DESCRIPTION		DESIGNED	APPROVED	CLI
						1
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	
В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	
Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	





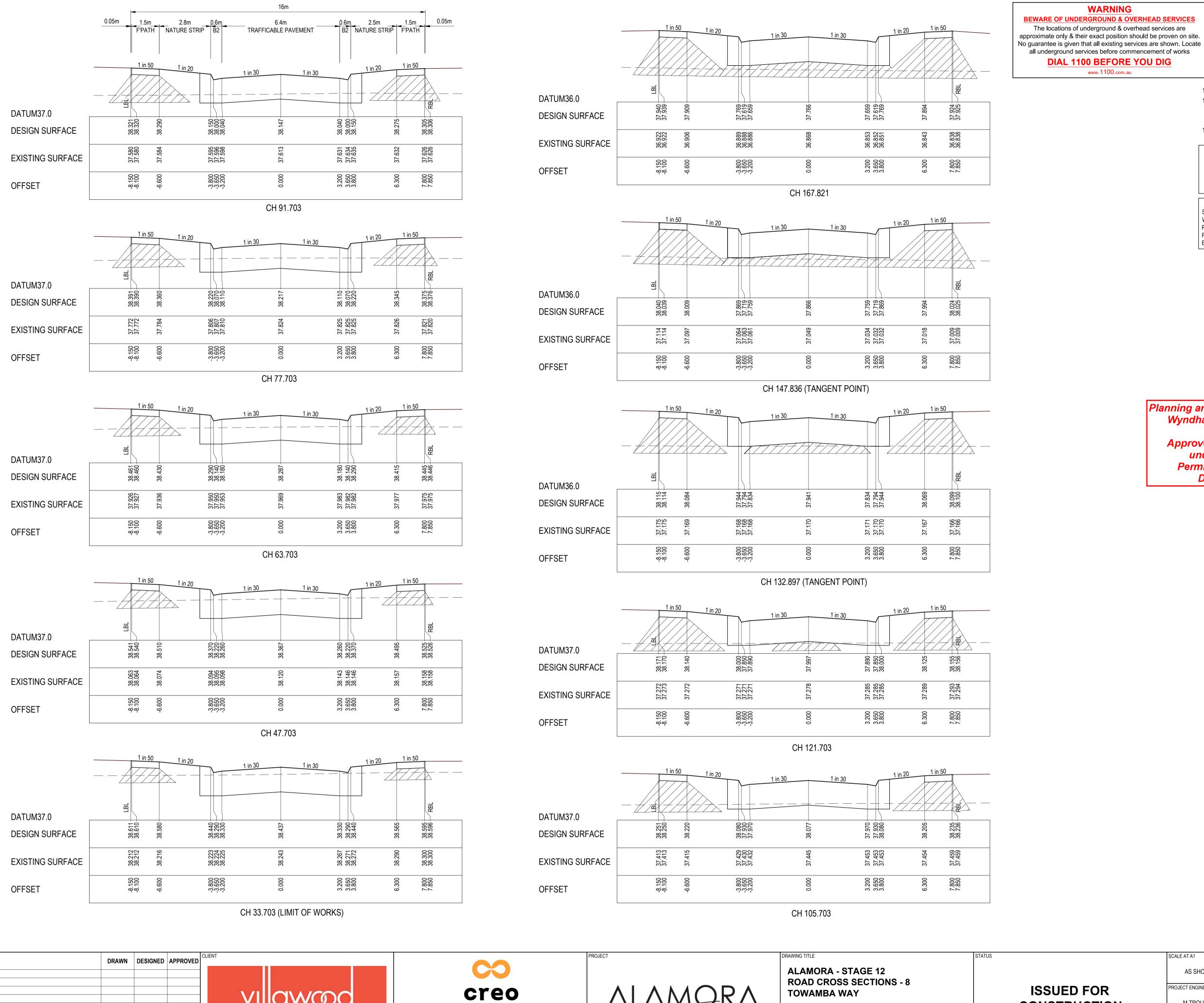


ALAMORA - STAGE 12
ROAD CROSS SECTIONS - 7
SLOOP STREET - SHEET 02

ISSUED FOR	
ONSTRUCTION	
SHOTH COTION	

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No	REVISION

R506



CONSULTANTS

Suite 1, 2 Bloomsbury Street

Geelong, VIC, Australia 3220

properties

Communities Designed for Living

ISSUE DESCRIPTION

CONSTRUCTION ISSUE

22/12/22 ISSUED FOR APPROVAL

THE GROVE INTERFACE AMENDMENTS

AMENDED TO COUNCIL COMMENTS (09/01/23)

C.R.

C.R.

A.N C.R M.T
C.R C.R M.T
C.R C.R M.T

M.T.

REVISION

DATE

05/04/23

29/02/23

09/02/23

SCALE AT A1 DESIGNED C.ROHDE C.ROHDE AS SHOWN PROJECT ENGINEER PROJECT MANAGER DATE FIRST ISSUE

TOWAMBA WAY

ISSUED FOR CONSTRUCTION

WARNING

DIAL 1100 BEFORE YOU DIG www.1100.com.au

LEGEND

1:50 1 0.5 0

LONG SECTION CHAINAGES

EXISTING SURFACE.

Planning and Environment Act 1987 Wyndham Planning Scheme

Approved Plan As Required under Condition 40

Permit No WYP10817/18

Date 18/04/2023

NOTE:

— — — EXISTING SURFACE

—— DESIGN LINE

HORIZONTAL

CROSS SECTIONS LBL & RBL LABELS REFER TO

LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY,

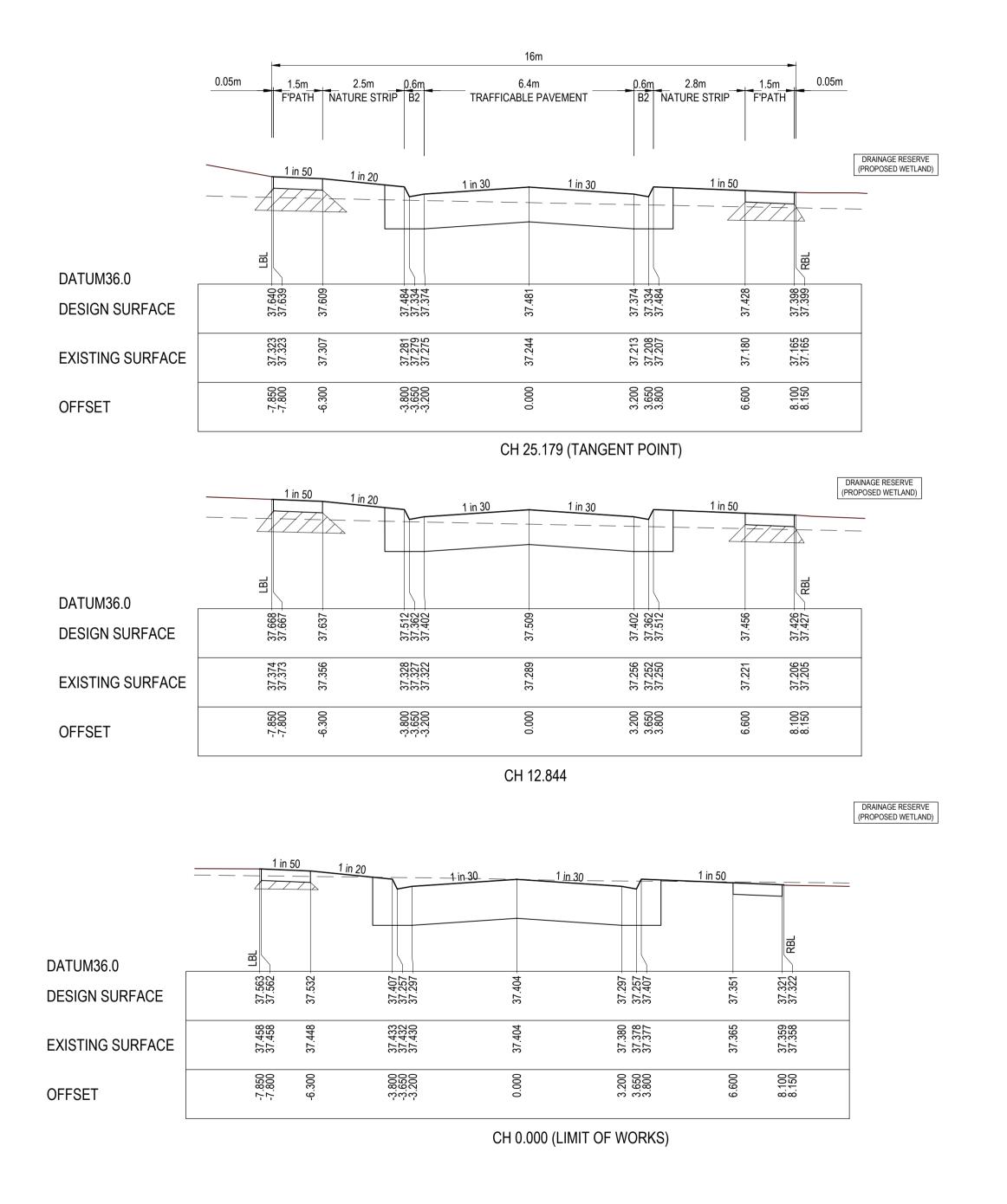
SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS &

REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE

READ IN ASCENDING ORDER ALONG THE RELEVANT

STRUCTURAL FILL

200282.1	2	R50	7	0
PROJECT No.		DRAWING No.		REVISION
M.TROUNCE	M.7	FROUNCE	DEC	EMBER 20



WARANA WAY

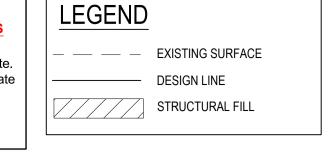
Planning and Environment Act 1987 Wyndham Planning Scheme

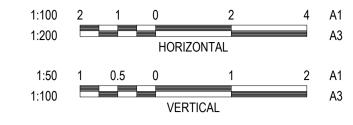
Approved Plan As Required under Condition 40 Permit No WYP10817/18 Date 18/04/2023

WARNING

0.6m 2.5m 1.5m B2 NATURE STRIP F'PATH

BEWARE OF UNDERGROUND & OVERHEAD SERVICES The locations of underground & overhead services are approximate only & 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





NOTE:

CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY, READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.

RETAINING WALL - REFER

R900-R901 FOR DETAILS

37.470 37.471

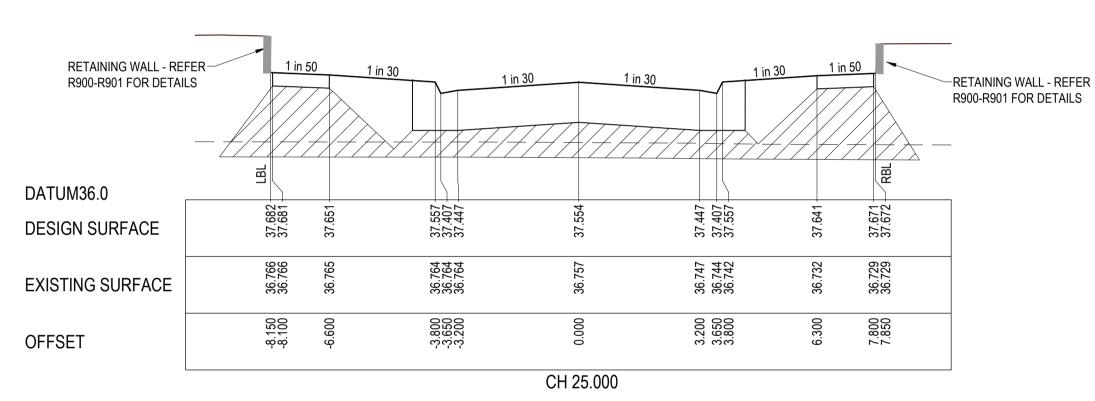
7.800 7.850

36.992 36.989 36.988 36.958 36.957 3.200 3.650 3.800

37.205 37.165 37.315

CH 42.000 (LIMIT OF WORKS)

TRAFFICABLE PAVEMENT



1.5m 2.8m 0.6m F'PATH NATURE STRIP B2

37.315 37.165 37.205

36.940 36.939 36.936

-3.800 -3.650 -3.200

0.05m

37.486 37.485

36.968 36.967

-8.150 -8.100

RETAINING WALL - REFER

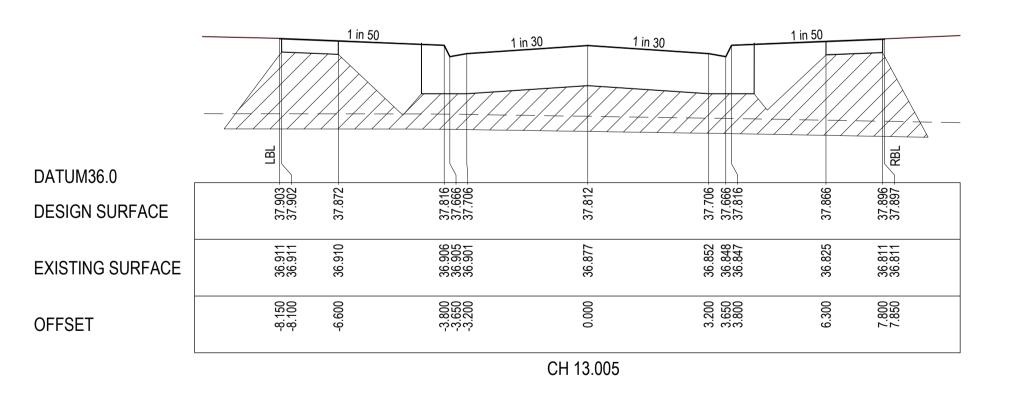
R900-R901 FOR DETAILS

DATUM36.0

OFFSET

DESIGN SURFACE

EXISTING SURFACE



LARBOARD STREET

EVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT
						VIII 01 4 100 0
						VIIIQWQXQ
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	properties
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	
В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	Communities Designed for Living
Δ	22/12/22	ISSUED FOR APPROVAL	CR	CB	МТ	



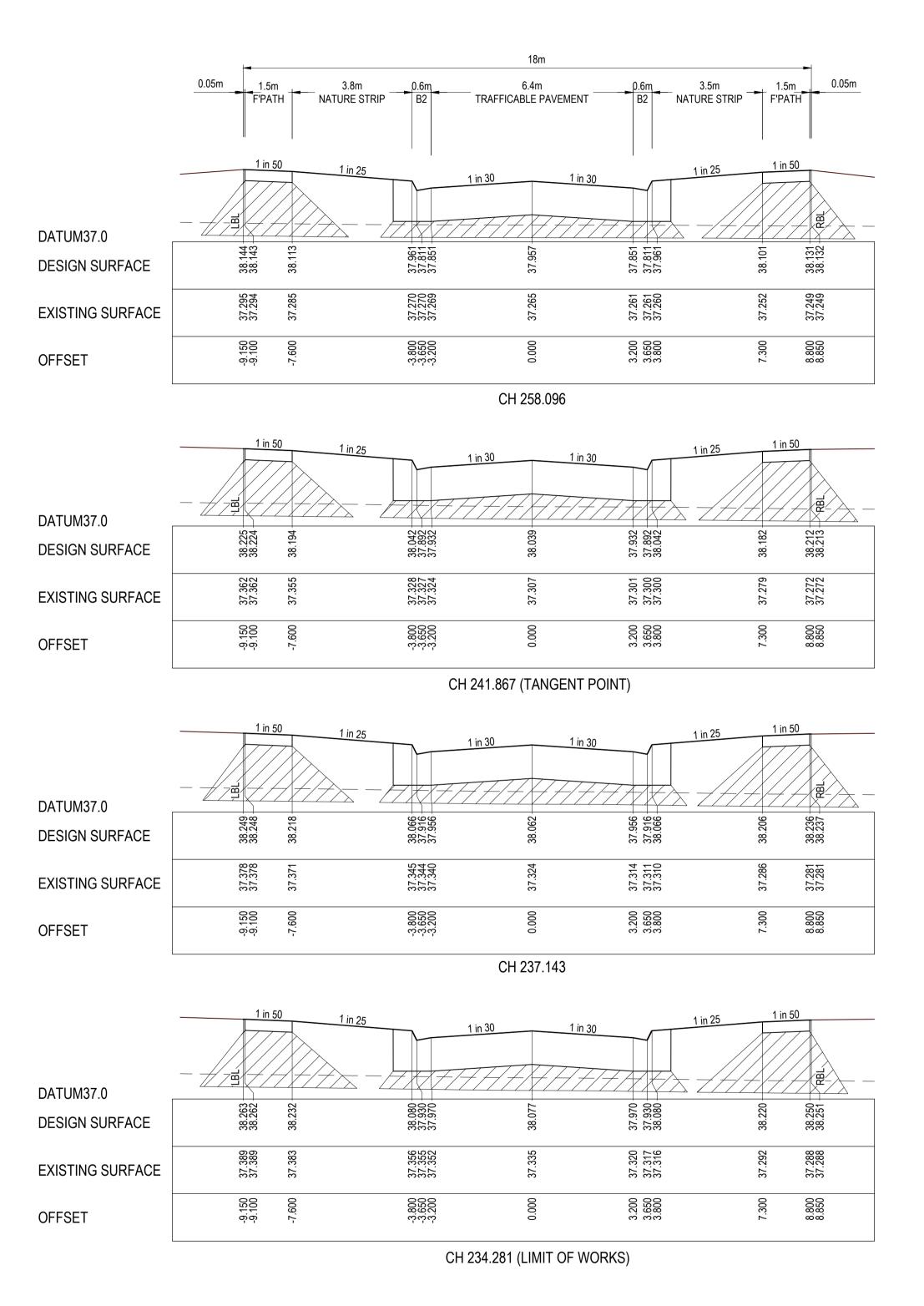


ALAMORA - STAGE 12 **ROAD CROSS SECTIONS - 9 WARANA WAY & LARBOARD STREET**

ISSUED FOR CONSTRUCTION

SCALE AT A1	DRAWN		DESIGNED)
AS SHOWN	С	.ROHDE	(C.ROHDE
PROJECT ENGINEER	PROJECT N	MANAGER	DATE FIRS	ST ISSUE
M.TROUNCE	M.7	TROUNCE	DEC	EMBER 2022
PROJECT No.		DRAWING No.		REVISION

R508



CANDELO WAY

Planning and Environment Act 1987 Wyndham Planning Scheme

Approved Plan As Required under Condition 40
Permit No WYP10817/18
Date 18/04/2023

WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES

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DIAL 1100 BEFORE YOU DIG

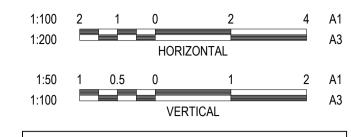
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LEGEND

- - - EXISTING SURFACE

- DESIGN LINE

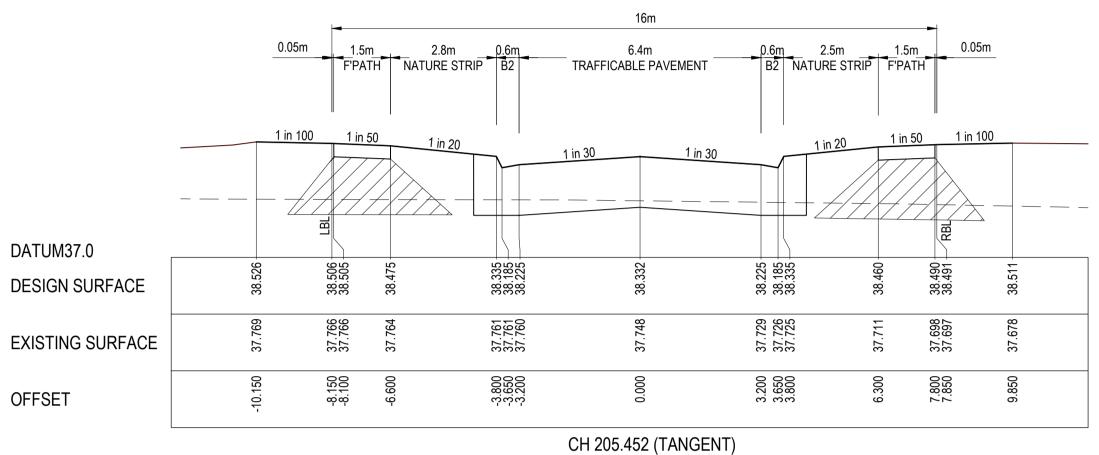
STRUCTURAL FILL



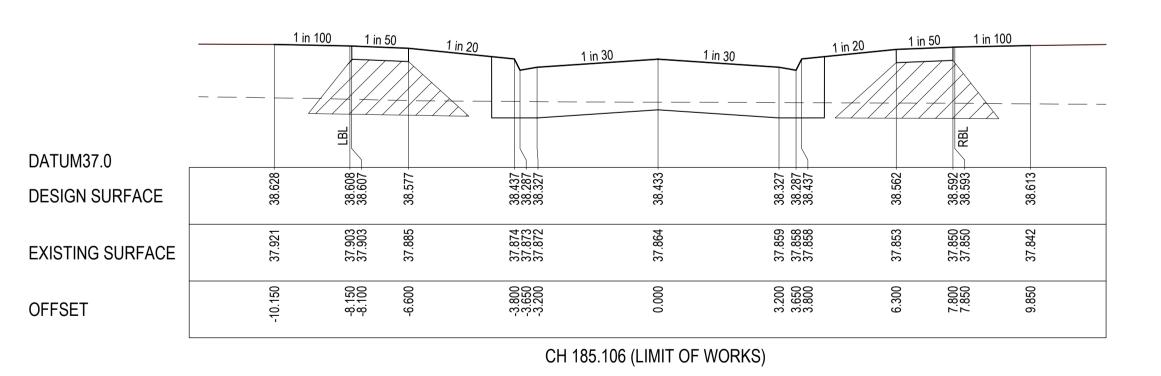
NOTE: CROSS SE

CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY, READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

NOTE:
SELECT STRUCTURAL FILL IN ACCORDANCE WITH
WYNDHAM CITY COUNCIL SPECIFICATIONS &
REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND
FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE
EXISTING SURFACE.



CH 187.779



PALIA DRIVE

\approx							
/200282.1	REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CL
ARNEIT							
AR							
,							
AMORA,							
A P							
82 -	0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
200282	С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	
\2020\	В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	
<u> </u>	Δ	22/12/22	ISSUED FOR APPROVAL	CR	CR	МТ	1







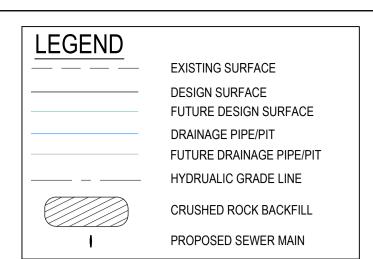
ALAMORA - STAGE 12 ROAD CROSS SECTIONS - 10 CANDELO WAY & PALIA DRIVE

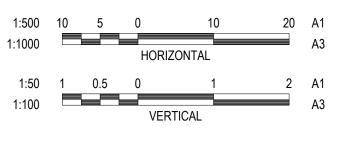
ISSUED FOR CONSTRUCTION

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No	DRAWING No.	REVISION

R509

Approved Plan As Required under Condition 40
Permit No WYP10817/18
Date 18/04/2023





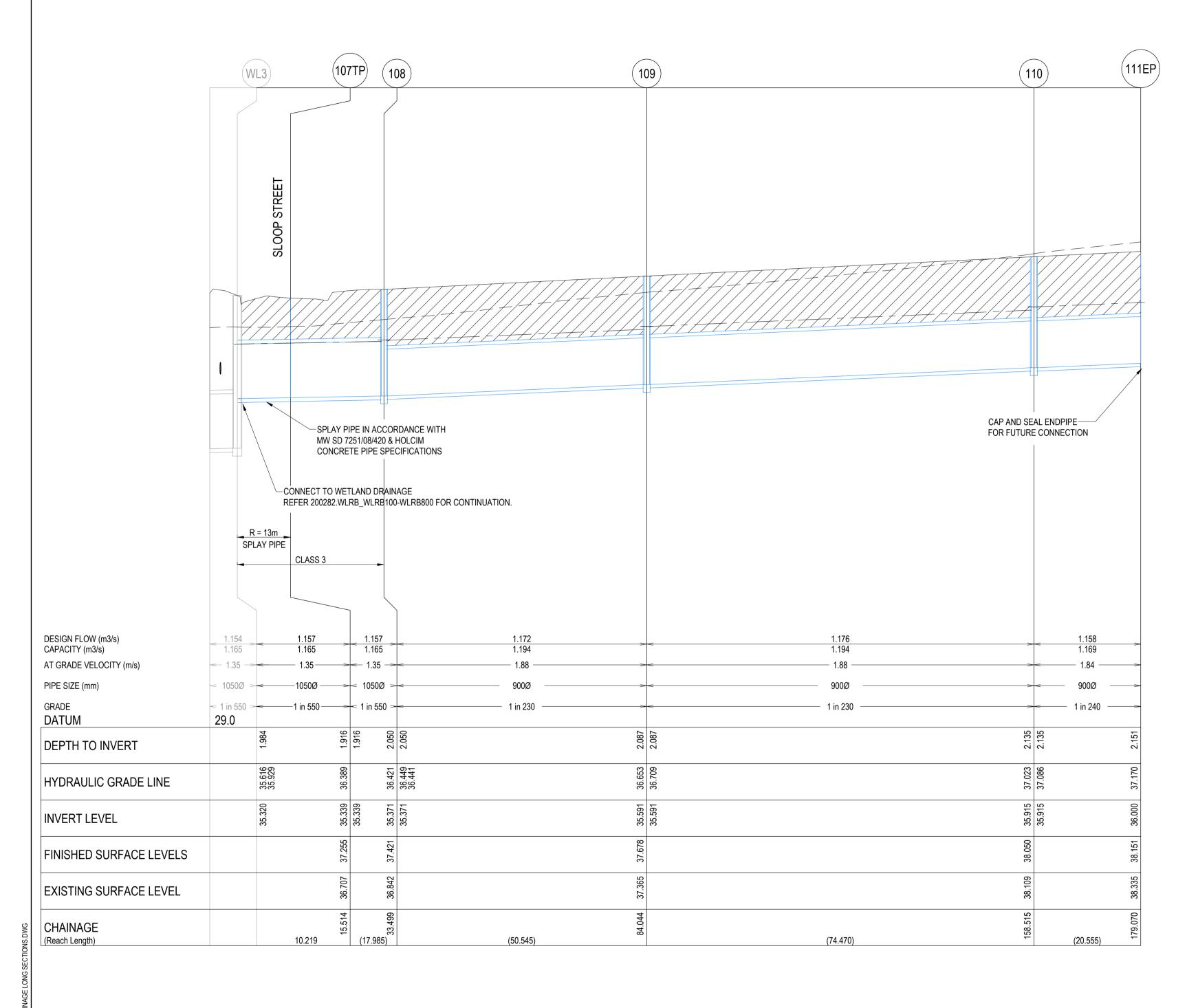
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	WL4) (1	112TP (11	3TP)	114)		115		(11	16)	17EF
					> -					
					WARANA WAY					
l										7
		MW SD 7	PIPE IN ACCORDANCE WIT 1251/08/420 & HOLCIM ETE PIPE SPECIFICATIONS					CAP AND SEAL ENDPIF FOR FUTURE CONNEC		
		\								
			TO WETLAND DRAINAGE)282.WLRB_WLRB100-WLF CLASS 3		TION.					
4.040	SP	REFER 200	0282.WLRB_WLRB100-WLF				4.072		4.052	
1.210 1.222	1.210 1.222	REFER 200 R = 30m PLAY PIPE	CLASS 3 1.214 1.222		1.240 1.281		1.273 1.281		1.2531.281	
1.222	1.210 1.222 1.41	REFER 200 R = 30m PLAY PIPE 1.214 1.222 1.41	CLASS 3 1.214 1.222 1.41		1.240 1.281 ————————————————————————————————————	> <	1.281 	>	1.281 2.01	, A
1.222 1.41 1050Ø 1 in 500	1.210 1.222 1.41 1050Ø	REFER 200 R = 30m PLAY PIPE	282.WLRB_WLRB100-WLF CLASS 3 1.214 1.222 1.41 1050Ø		1.240 1.281		1.281	>	1.281	>
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1.222 — 1.41 — - 1050Ø — 1 in 500	1.210 1.222 1.41 1050Ø 1 in 500	REFER 200 R = 30m LAY PIPE 1.214 1.222 1.41 1.500 2.0000 2.000 2.000 2.000 2.000 2.0000 2.0000 2.0000 2.0000 2.0000 2.0000 2.0000 2.000	282.WLRB_WLRB100-WLF CLASS 3 1.214 1.222 1.41 1.500 1 in 500	2.144 A WILLIAM A WORREST STATE OF THE PROPERTY OF THE PROPERT	1.240 1.281 ————————————————————————————————————		1.281 ————————————————————————————————————	2.149	1.281 2.01 — 900Ø 1 in 200	Z.150
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1.222 1.41 — 1050Ø 1 in 500	1.210 1.222 1.41 1050Ø 1 in 500 22:350	REFER 200 R = 30m PLAY PIPE 1.214 1.222 1.41 1.500 1 in 500 2.32 2.32 2.33 1.41 1.500 2.33 2.35 3.3	282.WLRB_WLRB100-WLF CLASS 3 1.214 1.222 1.41 1050Ø 1 in 500	35.408 36.459 2.144 y y y y y y y y y y y y y y y y y y	1.240 1.281 ————————————————————————————————————	35.532 36.574 35.532 36.622 36.621	1.281 ————————————————————————————————————	35.952 37.036 2.149	1.281 4 2.01 90000 1 in 200	36.005 37.157 2.150 y y
1.222 1.41 — 1050Ø 1 in 500	1.210 1.222 1.41 1050Ø 1 in 500 22:350	REFER 200 R = 30m LAY PIPE 1.214 1.222 1.41 1.050Ø = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	282.WLRB_WLRB100-WLF CLASS 3 1.214 1.222 1.41 1050Ø 1 in 500	36.459 2.144 W W W W W W W W W W W W W W W W W W	1.240 1.281 ————————————————————————————————————	36.574 36.621 36.621	1.281 ————————————————————————————————————	37.036 2.149	1.281 4 2.01 90000 1 in 200	37.157 2.150 y y
1.222 1.41 1050Ø	1.210 1.222 1.41 1050Ø 1 in 500 22:350 1.41	REFER 200 R = 30m PLAY PIPE 1.214 1.222 1.41 1.500 1 in 500 2.32 2.32 2.33 1.41 1.500 2.33 2.35 3.3	1.214 1.222 1.41 1050Ø 1 in 500	35.408 36.459 2.144 y y y y y y y y y y y y y y y y y y	1.240 1.281 ————————————————————————————————————	35.532 36.574 35.532 36.622 36.621	1.281 ————————————————————————————————————	35.952 37.036 2.149	35.952 37.107 4 900000 900000 900000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 900000 900000 900000 9000000	36.005 37.157 2.150 y y

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P:\2020\200282	С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	ĺ
020/2	В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	ĺ
P:\2	Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	





1 LAMORA

PROJECT

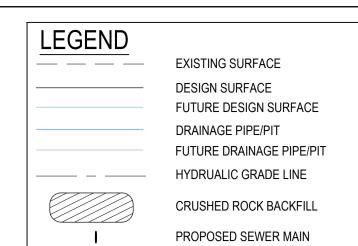
ALAMORA - STAGE 12	
DRAINAGE LONGITUDINAL SECTIONS -1	

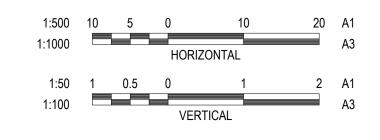
STATUS

DRAWING TITLE

AS SHOWN C.ROHDE C.ROHDE ISSUED FOR PROJECT ENGINEER PROJECT MANAGER M.TROUNCE M.TROUNCE DECEMBER 20 PROJECT No. DRAWING No. REVISION		200282.1	12	R60	0	0	
ISSUED FOR PROJECT ENGINEER PROJECT MANAGER DATE FIRST ISSUE		PROJECT No.		DRAWING No.		REVISION	
		M.TROUNCE		M.TROUNCE		EMBER 2022	<u>)</u>
AS SHOWN C.ROHDE C.ROHDE	ISSUED FOR	PROJECT ENGINEER	PROJECT N	MANAGER	DATE FIRS	ST ISSUE	
		AS SHOWN	С	ROHDE	(C.ROHDE	
SCALE AT A1 DRAWN DESIGNED		SCALE AT A1	DRAWN		DESIGNED)	_

Approved Plan As Required under Condition 40
Permit No WYP10817/18
Date 18/04/2023





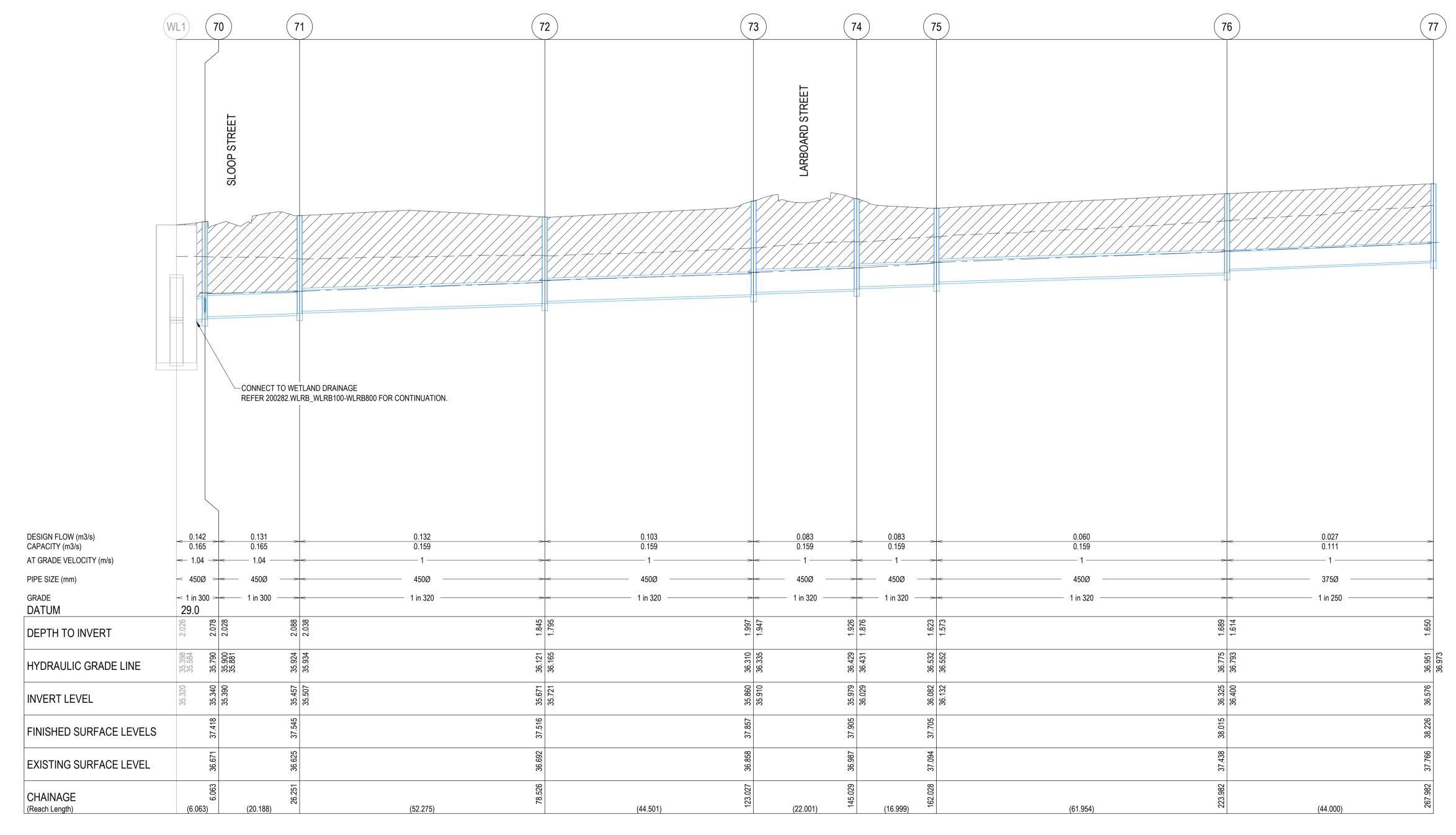
WARNING

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37.502 38	37.534 36	т -	36.885 36	ĕ	37.284 36	37.284 36	37.553 34	37.562 36
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7200282.	REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
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4						
- 78	0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
7007	С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T
:\Z0Z0\Z\0Z\0Z\	В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T
Z	Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T







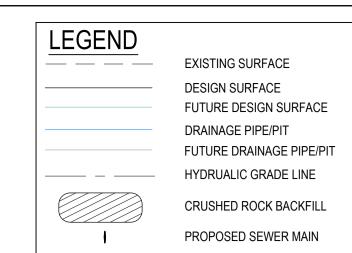
ALAMORA - STAGE 12
DRAINAGE LONGITUDINAL SECTIONS -2

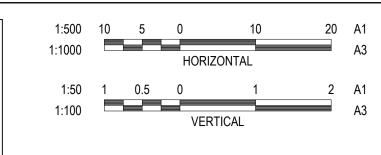
STATUS

DRAWING TITLE

	SCALE AT A1	DRAWN		DESIGNE)
	AS SHOWN	C.ROHDE		C.ROHDE	
ISSUED FOR	PROJECT ENGINEER	PROJECT N	MANAGER	DATE FIRS	ST ISSUE
CONSTRUCTION	M.TROUNCE	M.TROUNCE		DECEMBER 2022	
	PROJECT No.		DRAWING No.		REVISION
	200282.	12	R60	1	0

Approved Plan As Required under Condition 40 Permit No WYP10817/18 Date 18/04/2023





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	4	84)	85	86	88	89 90
		TOWAMBA WAY				
		INECT TO EXICKOUT	STING			
					CLASS 3	-
DESIGN FLOW (m3/s) CAPACITY (m3/s)	0.189	0.065	0.064 0.111	0.064 0.111	0.063 0.111 0.111	0.014 0.064
AT GRADE VELOCITY (m/s) PIPE SIZE (mm)	1.64 − 450Ø	3750	375Ø —	375Ø	375Ø - 375Ø - 375Ø	225Ø ->
GRADE	< 1 in 120	1 in 250		1 in 250 =		1 in 50
DATUM DEPTH TO INVERT	2.112	1.652	1.562	1.533	1.506	1.361
HYDRAULIC GRADE LINE	36.491 36.605 36.587	36.783	36.820	36.850 36.849 36.849	36.98 36.940 36.940 36.940 36.940 36.940	37.243 37.299 37.581 37.627
INVERT LEVEL	35.548	36.139	36.223	36.356	36.464	36.868
FINISHED SURFACE LEVELS	37.660	37.785		37 929	37.969	38.412
EXISTING SURFACE LEVEL	36.783	00.000 00.000 00.000	500	37.007	37.172	38.054
CHAINAGE (Reach Length)	(6.990)	(8.650)	(20.632)	77.00 (7.221)	(7.229) (88.547)	139.270 (160.91)

	91 (92 9	3	94		95		
	•				PROVIDE 450Ø BLOCKOUT IN WEST WALL AT IL36.871 FOR FUTURE CONNECTION			
		-	CLAS:	S 3		-		
0.126 0.180 1.13	0.125 0.180	0.115 0.180 	0.107 0.180 	><	0.084 0.159	><	0.017 0.064 1.6	
—— 450Ø -		450Ø >	450Ø —	><	450Ø	><	— 225Ø	
1 in 250 —	1 in 250	1 in 250 >	1 in 250	><	1 in 320	><	— 1 in 50 —	
J.U	1.650	1.609	1.559	1.557		1.654		7007
				8 2		37.271 37.303 37.296		02 630
		838 877 892	.919 .916 .916	3.05				c L
36.762	36.802 36.824 36.821		36.916	37.058 358 37.087				
36.762	36.196 36.802 36.246 36.824 36.821	36.332	36.418	36.608		36.821		
36.762	37.896 36.196 36.802 36.246 36.824 36.821		36.418					
36.762	37.896 36.196 36.802 36.246 36.824 36.821	36.332	36.418	36.608		36.821		38 291 38 622 37 414

200282.7	REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CL
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82 -	0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
20\200282	С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	
320/;	В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	
7.[2	Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	



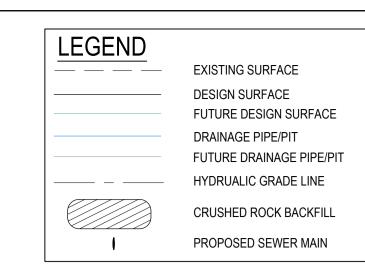


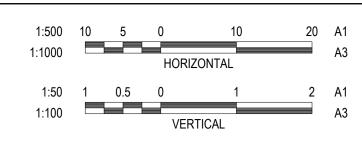


ALAMORA - STAGE 12 DRAINAGE LONGITUDINAL SECTIONS -3	

	SCALE AT A1	DRAWN	RAWN		DESIGNED	
	AS SHOWN	С	.ROHDE (C.ROHDE	
ISSUED FOR	PROJECT ENGINEER	PROJECT MANAGER		DATE FIRST ISSUE		
CONSTRUCTION	M.TROUNCE	M. ⁻	TROUNCE	DEC	EMBER 2022	
	PROJECT No.		DRAWING No.		REVISION	
	200282.1	12	R60	2	0	

Approved Plan As Required under Condition 40
Permit No WYP10817/18
Date 18/04/2023





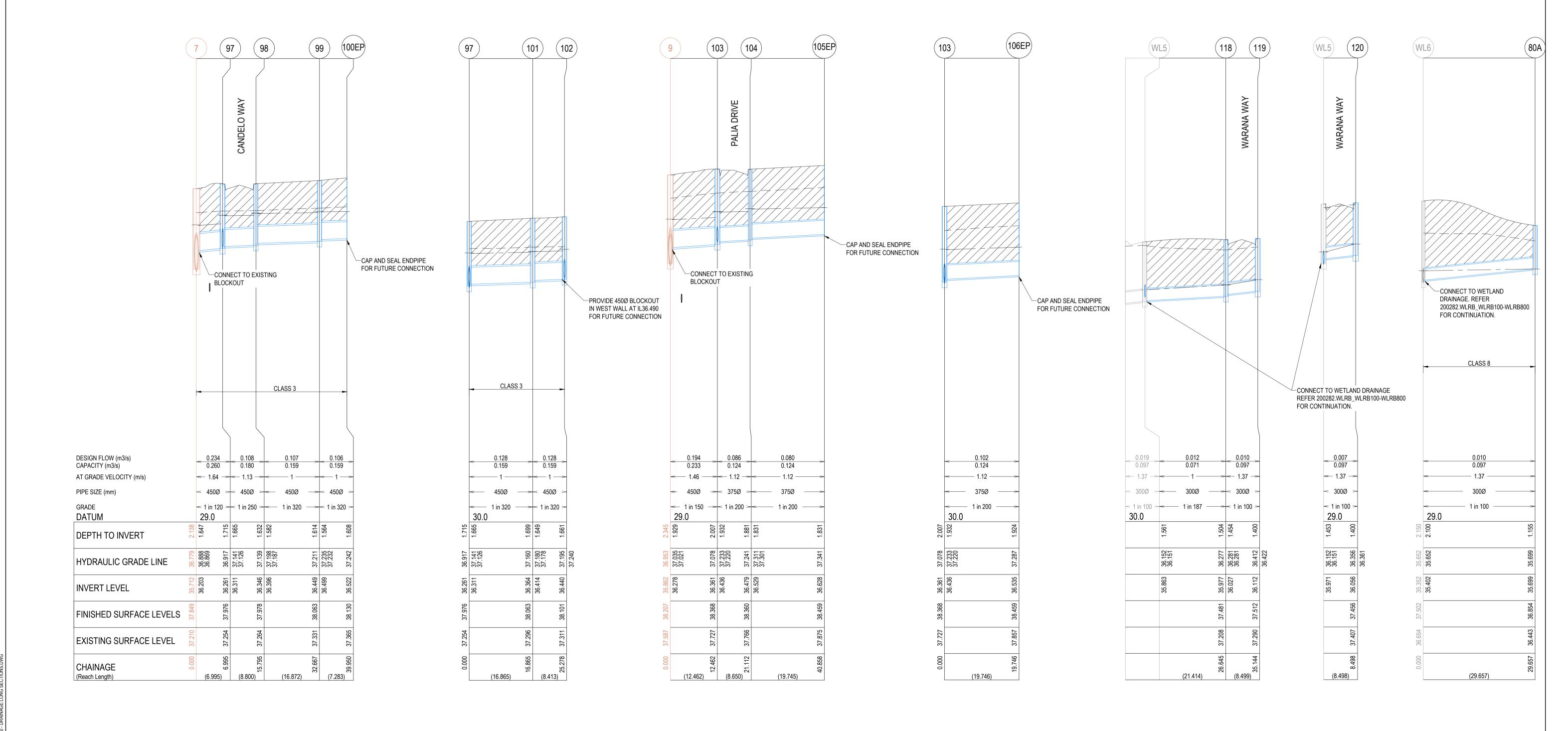
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TARNEIT\200282.1	REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIE
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ALAMORA,							
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82 -	0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
2002	С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	
:\2020\200282	В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	
P:\2	Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	







ALAMORA - STAGE 12 DRAINAGE LONGITUDINAL SECTIONS -4

STATUS

DRAWING TITLE

	SCALE AT A1	DRAWN		DESIGNE)
	AS SHOWN	С	.ROHDE	(C.ROHDE
ISSUED FOR	PROJECT ENGINEER	PROJECT N	MANAGER	DATE FIRS	ST ISSUE
CONSTRUCTION	M.TROUNCE	M.TROUNCE		DEC	EMBER 2022
	PROJECT No.		DRAWING No.		REVISION

200282.12

R603

WARNING BEWARE OF UNDERGROUND & OVERHEAD SERVICES

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Planning and Environment Act 1987 Wyndham Planning Scheme

Approved Plan As Required under Condition 40 Permit No WYP10817/18 Date 18/04/2023

								PIT SC	HEDULE		
		INTE	RNAL	IN	LET	OU	TLET				
PIT NAME	TYPE	WIDTH(mm)	LENGTH(mm)	DIAMETER(mm)	INVERT R.L.(m)	DIAMETER	INVERT R.L.(m)	F.S.L. (m)	DEPTH(m)	STANDARD DRAWING	REMARKS
WL1	JUNCTION PIT	-	-	450	35.320	-	-	-	-	-	CONNECT TO WETLAND DRAINAGE
70	GRATED ENTRY PIT	900	900	450	35.390	450	35.340	37.418	2.078	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
71	GRATED ENTRY PIT	900	900	450	35.507	450	35.457	37.545	2.088	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
72	DOUBLE GRATED ENTRY PIT	900	900	450	35.721	450	35.671	37.516	1.845	EDCM 602 & 607	HAUNCHED TO 600x900 COVER
73	JUNCTION PIT	900	900	450	35.910	450	35.860	37.857	1.997	EDCM 607	HAUNCHED TO 600x900 COVER
74	JUNCTION PIT	900	900	450	36.029	450	35.979	37.905	1.926	EDCM 607	HAUNCHED TO 600x900 COVER
75	DOUBLE GRATED ENTRY PIT	900	900	450	36.132	450	36.082	37.705	1.623	EDCM 602 & 607	HAUNCHED TO 600x900 COVER
76 77	GRATED ENTRY PIT GRATED ENTRY PIT	900	900	375	36.400	450 375	36.325 36.576	38.015 38.226	1.689	EDCM 601 & 607 EDCM 601	HAUNCHED TO 600x900 COVER
WL6	GRATED ENTRY PIT	-	-	300	35.402	-	-	37.502	1.650 2.150	- EDCIVI 601	CONNECT TO WETLAND DRAINAGE
VVLO	GIATED ENTITITIES			300	35.402			37.302	2.130	_	CONNECT TO WETEAND DIVANIAGE
79	GRATED ENTRY PIT	600	900	300	35.497	300	35.447	37.534	2.086	EDCM 601	
80	GRATED ENTRY PIT	600	900			300	35.794	36.885	1.091	EDCM 601	
80A	GRATED ENTRY PIT	600	900			300	35.699	36.854	1.155	EDCM 601	
WL2	GRATED ENTRY PIT	-	-	300	36.150	-	-	-	-	-	CONNECT TO WETLAND DRAINAGE
81	DOUBLE GRATED ENTRY PIT	600	900	300	36.234	300	36.184	37.284	1.099	EDCM 602	
82	DOUBLE GRATED ENTRY PIT	600	900			300	36.319	37.284	0.964	EDCM 602	
3	Ex.JUNCTION PIT	1200	900	300	36.133	Ex.900	35.533	37.553	2.020	-	CONNECT TO EXISTING BLOCK OUT
83	DOUBLE GRATED ENTRY PIT	600	900		2	300	36.151	37.562	1.410	EDCM 602	
4	Ex.JUNCTION PIT	1200	900	450	36.006	Ex.900	35.548	37.655	2.107		CONNECT TO EXISTING BLOCK OUT
84	GRATED ENTRY PIT	900	900	375	36.139	450	36.064	37.790	1.727	EDCM 601 & 607	
85	GRATED ENTRY PIT	600	900	450 375	36.114 36.223	375	36.173	37.786	1.612	EDCM 601	
86	GRATED ENTRY PIT	600	900	375	36.223	375	36.173	37.786	1.512	EDCM 601	
87	GRATED ENTRY PIT	600	900	375	36.435	375	36.385	37.889	1.544	EDCM 601	
88	GRATED ENTRY PIT	600	900	375	36.514	375	36.464	37.969	1.506	EDCM 601	
89	GRATED ENTRY PIT	600	900	225	37.018	375	36.868	38.412	1.544	EDCM 601	
90	JUNCTION PIT	600	900			225	37.356	38.717	1.361	EDCM 605	
91	GRATED ENTRY PIT	900	900	450	36.246	450	36.196	37.896	1.700	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
92	GRATED ENTRY PIT	900	900	450	36.332	450	36.282	37.937	1.655	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
93	GRATED ENTRY PIT	900	900	450	36.418	450	36.368	37.977	1.609	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
94	GRATED ENTRY PIT	900	900	450	36.658	450	36.608	38.215	1.607	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
95	GRATED ENTRY PIT	900	900	225	37.046	450	36.821	38.475	1.654	EDCM 601 & 607	HAUNCHED TO 600x900 COVER. PROVIDE 450Ø BLOCKOUT IN WEST WALL AT IL36.871 FOR FUTURE CONNECTION.
				Fut.450	36.871						
96	JUNCTION PIT	600	900			225	37.414	38.622	1.207	EDCM 605	
7	Ex.JUNCTION PIT	1200	900	450	36.203	Ex.900	35.712	37.845	2.133	-	CONNECT TO EXISTING BLOCK OUT
97	GRATED ENTRY PIT	900	900	450	36.311	450	36.261	37.976	1.715	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
98	GRATED ENTRY PIT	900	900	450 450	36.311 36.396	450	36.346	37.978	1.632	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
99	GRATED ENTRY PIT	900	900	450	36.499	450	36.449	38.063	1.614	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
100EP	ENDPIPE	-	-	450	36.522	450	36.522	38.130	1.608	-	CAP & SEAL ENDPIPE FOR FUTURE CONNECTION
101	GRATED ENTRY PIT	900	900	450	36.414	450	36.364	38.063	1.699	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
102	GRATED ENTRY PIT	900	900	Fut.450	36.490	450	36.440	38.101	1.661	EDCM 601 & 607	HAUNCHED TO 600x900 COVER. PROVIDE 450Ø BLOCKOUT IN WEST WALL AT IL36.490 FOR FUTURE CONNECTION.
9	Ex.JUNCTION PIT	1200	900	450	36.278	Ex.900	35.862	38.207	2.345	-	CONNECT TO EXISTING BLOCK OUT
103	GRATED ENTRY PIT	900	900	375	36.436	450	36.361	38.368	2.007	EDCM 601 & 607	HAUNCHED TO 600x900 COVER
104	GRATED ENTRY PIT	600	900	375	36.529	375	36.479	38.360	1.881	EDCM 601	
105EP	ENDPIPE	-	-	375	36.628	375	36.628	38.459	1.831	-	CAP & SEAL ENDPIPE FOR FUTURE CONNECTION
106EP	ENDPIPE	-	-	375	36.535	375	36.535	38.459	1.924	-	CAP & SEAL ENDPIPE FOR FUTURE CONNECTION
WL3	GRATED ENTRY PIT	-	-	1050	35.320	-	-	-	-	-	CONNECT TO WETLAND DRAINAGE
107TP	TANGENT POINT	-	-	1050	35.339	1050	35.339	37.255	1.916	-	SPLAY PIPE IN ACCORDANCE WITH MW SD 7251/08/420 & HOLCIM CONCRETE PIPE SPECIFICATIONS.
108	GRATED ENTRY PIT	1350	900	900	35.371	1050	35.371	37.421	2.050	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**
109	GRATED ENTRY PIT	1200	900	900	35.591	900	35.591	37.678	2.087	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**
110	GRATED ENTRY PIT	1200	900	900	35.915	900	35.915	38.050	2.135	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**
111EP	ENDPIPE GRATED ENTRY DIT	-	-	1050	25 220	900	36.000	38.151	2.151	-	CAP & SEAL ENDPIPE FOR FUTURE CONNECTION CONNECT TO WETLAND DRAINAGE
112TP	GRATED ENTRY PIT TANGENT POINT	-	-	1050 1050	35.320 35.326	1050	35.326	37.358	2.032	-	CONNECT TO WETLAND DRAINAGE SPLAY PIPE IN ACCORDANCE WITH MW SD 7251/08/420 & HOLCIM CONCRETE PIPE SPECIFICATIONS.
113TP	TANGENT POINT	-	-	1050	35.326	1050	35.326	37.358	2.032	-	SPLAY PIPE IN ACCORDANCE WITH MW SD 7251/08/420 & HOLCIM CONCRETE PIPE SPECIFICATIONS. SPLAY PIPE IN ACCORDANCE WITH MW SD 7251/08/420 & HOLCIM CONCRETE PIPE SPECIFICATIONS.
114	GRATED ENTRY PIT	1350	900	900	35.408	1050	35.408	37.552	2.144	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**
115	GRATED ENTRY PIT	1200	900	900	35.532	900	35.532	37.681	2.149	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**
116	GRATED ENTRY PIT	1200	900	900	35.952	900	35.952	38.101	2.149	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**
117EP	ENDPIPE	-	-			900	36.005	38.154	2.150	-	CAP & SEAL ENDPIPE FOR FUTURE CONNECTION
WL5	GRATED ENTRY PIT	-	-	300	35.863	_	-	-	-	-	CONNECT TO WETLAND DRAINAGE
				300	35.971						
118	DOUBLE GRATED ENTRY PIT	600	900	300	36.027	300	35.977	37.481	1.504	EDCM 602	
	DOUBLE GRATED ENTRY PIT	600	900			300	36.112	37.512	1.400	EDCM 602 EDCM 601	
119 120		600	900			300	36.056	37.456			

** - DENOTES PIT IS HAUNCHED TOWARDS ROAD CENTRELINE (UNDER ROAD PAVEMENT/KERB).
 ALL PIT COVERS TO BE PROVIDED IN ACCORDANCE WITH EDCM 605 - PIT COVER SCHEDULE.
 PITS WITHIN ROAD RESERVES ARE TO BE BACKFILLED AND COMPACTED WITH CLASS 3 FCR IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS AND REQUIREMENTS.

200282.	REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT
							- 100
ARNEII							
- 1							
AMORA,							
- A							
82	0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
7007	С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	//-
:\2020\200282	В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	C
Z	Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	



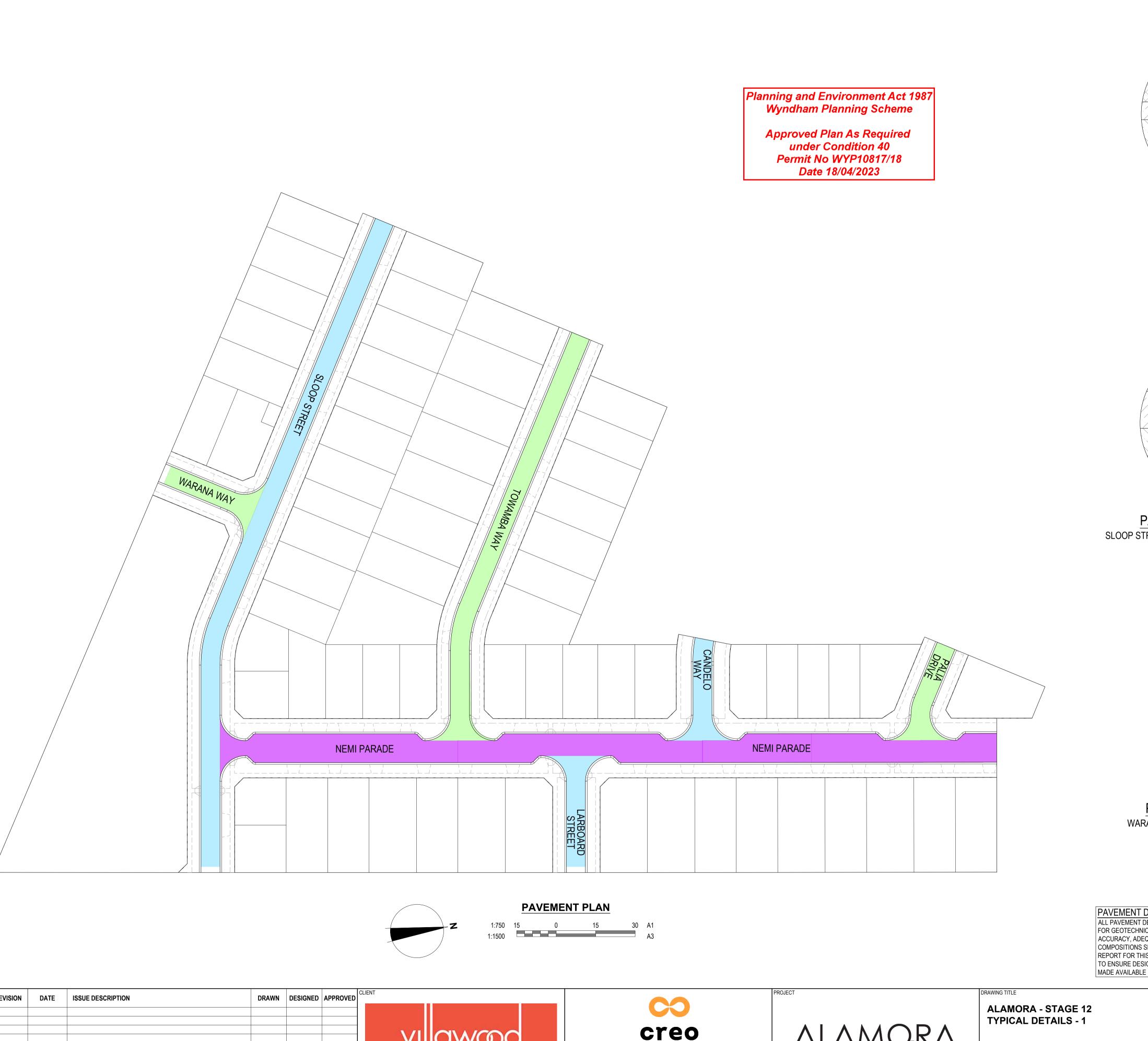




ALAMORA - STAGE 12	
DRAINAGE PIT SCHEDULE	

ISSUED FOR	
CONSTRUCTION	

200282.1	R60	A	_	
PROJECT No.		DRAWING No.		REVISION
M.TROUNCE	M.7	M.TROUNCE		EMBER 2022
PROJECT ENGINEER	PROJECT N	MANAGER	DATE FIRS	ST ISSUE
AS SHOWN	AS SHOWN C.ROHDE		C.ROHDE	
SCALE AT A1	DRAWN		DESIGNED)



ASPHALT (WEARING) COURSE: 40mm COMPACTED DEPTH SIZE 14 TYPE N CLASS 320 ASPHALT (INTERMEDIATE) COURSE: 75mm COMPACTED DEPTH SIZE 20 TYPE SI CLASS 320 ASPHALT (BASE) COURSE: 75mm COMPACTED DEPTH SIZE 20 TYPE SI CLASS 320 PRIME (BONDING) COURSE: BITUMINOUS PRIME OR SIZE 7mm PRIMESEAL BASE COURSE: 100mm COMPACTED DEPTH SIZE 20mm CLASS 3 CEMENT-TREATED CRUSHED ROCK (CTCR). COMPACTED TO A MINIMUM DENSITY RATIO 96% (MODIFIED) AS1289, 5.2.1. SUBBASE COURSE: 100mm COMPACTED DEPTH SIZE 20mm CLASS 4 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 98% (MODIFIED) AS1289, 5.2.1. 150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY $k \le 5x10^{-9}$ m/s (5x 10^{-7} cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1. CONSTRUCTION: 150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY $k \le 5x10^{-9}$ m/s (5x 10^{-7} cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1. PAVEMENT COMPOSITION **NEMI PARADE** MATERIAL AS FOUND (CLAY), CBR 1%. TOP 200mm SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO MINIMUM DENSITY OF 98% (STANDARD) 690mm DEPTH ASPHALT (WEARING) COURSE: 30mm COMPACTED DEPTH SIZE 10 TYPE N CLASS 320 ASPHALT (BASE) COURSE: 30mm COMPACTED DEPTH SIZE 10 TYPE N CLASS 320 5mm SIZE 10mm SAMI WITH CLASS S45R BINDER PRIME (BONDING) COURSE: BITUMINOUS PRIME OR SIZE 7mm PRIMESEAL BASE COURSE: 130mm COMPACTED DEPTH 20mm CLASS 2 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 98% (MODIFIED) AS1289, 5.2.1 200mm COMPACTED DEPTH 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 96% (MODIFIED) AS1289, 5.2.1 150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY $k \le 5x10^{-9}$ m/s (5x 10^{-7} cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1. 150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY $k \le 5x10^{-9}$ m/s (5x 10^{-7} cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1. PAVEMENT COMPOSITION MATERIAL AS FOUND (CLAY), CBR 1%. TOP 200mm SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO MINIMUM DENSITY OF 98% (STANDARD) SLOOP STREET, LARBOARD STREET & CANDELO WAY AS1289, 5.1.1 695mm DEPTH ASPHALT (WEARING) COURSE: 30mm COMPACTED DEPTH SIZE 10 TYPE L CLASS 320 ASPHALT (BASE) COURSE: 30mm COMPACTED DEPTH SIZE 10 TYPE N CLASS 320 5mm SIZE 10mm SAMI WITH CLASS S45R BINDER PRIME (BONDING) COURSE: BITUMINOUS PRIME OR SIZE 7mm PRIMESEAL 130mm COMPACTED DEPTH 20mm CLASS 2 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 98% (MODIFIED) AS1289, 5.2.1 SUBBASE COURSE: 100mm COMPACTED DEPTH 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 96% (MODIFIED) AS1289, 5.2.1 150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY $k \le 5x10^{-9}$ m/s (5x 10^{-7} cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1. 150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY $k \le 5x10^{-9}$ m/s (5x 10^{-7} cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1. SUBGRADE: PAVEMENT COMPOSITION MATERIAL AS FOUND (CLAY), CBR 1%. TOP 200mm SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO MINIMUM DENSITY OF 98% (STANDARD)

AS1289, 5.1.1

WARANA WAY, TOWAMBA WAY & PALIA DRIVE 595mm DEPTH

NTS

STATUS

PAVEMENT DESIGNS

ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY TONKIN TAYLOR. CREO IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN REPRODUCED FROM THE PAVEMENT REPORT FOR THIS DEVELOPMENT. THIS DOCUMENT SHOULD BE REVIEWED BY THE CONTRACTOR TO ENSURE DESIGN HAS BEEN INTERPRETED CORRECTLY. A COPY OF THIS DOCUMENT WILL BE MADE AVAILABLE UPON REQUEST.

WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES The locations of underground & overhead services are approximate only & 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

200282.12

www.1100.com.au

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIEN
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	/2
В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	2
Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	







ISSUED FOR	2
CONSTRUCTION	_
CONSTRUCTION	J

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No	DRAWING No.	REVISION

VARIES

VARIES

B2 (600)

B2 (600)

TYPICAL PARKING BAY DETAIL - B2 (600)

NOTE:

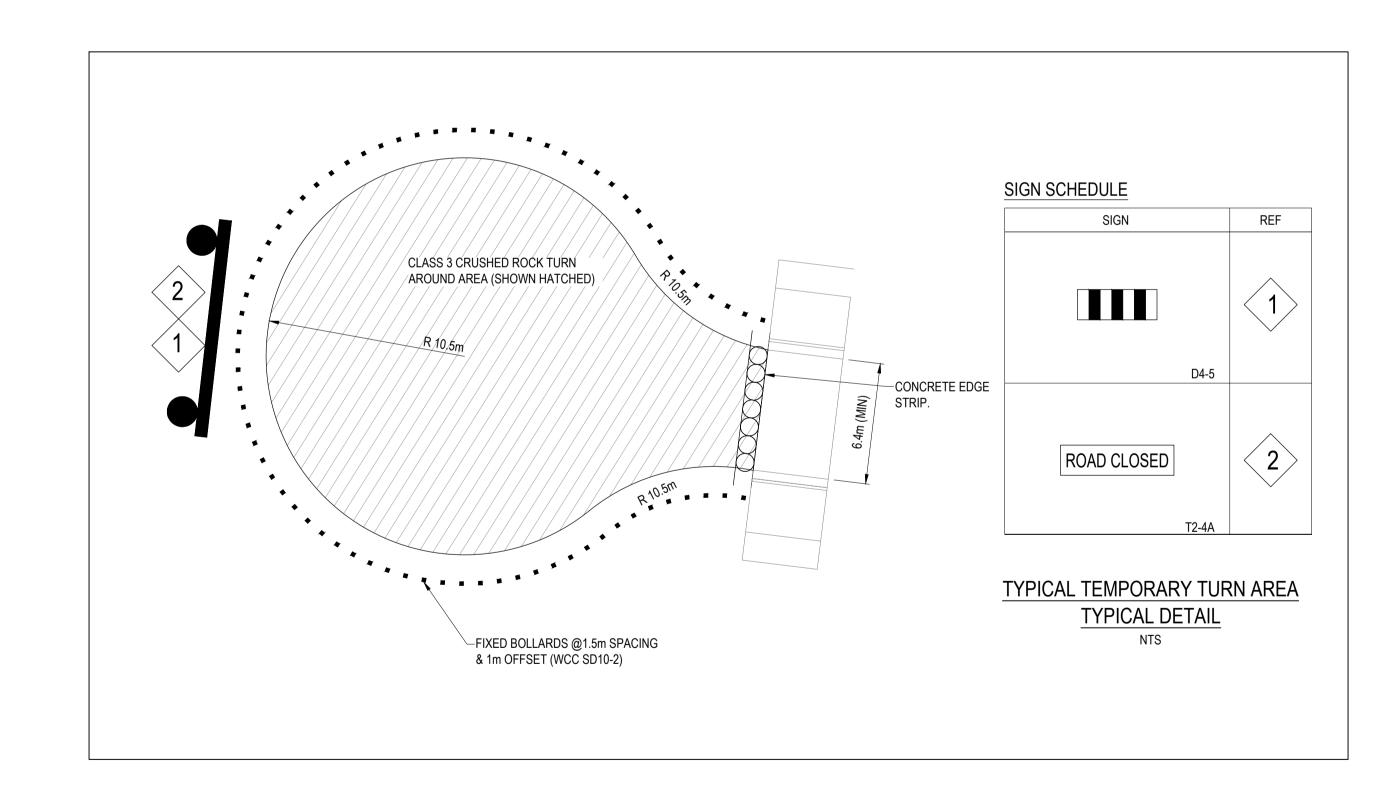
INDENTED PARKING BAY PAVEMENT COMPOSITION, TO MATCH ROAD PAVEMENT COMPOSITION.

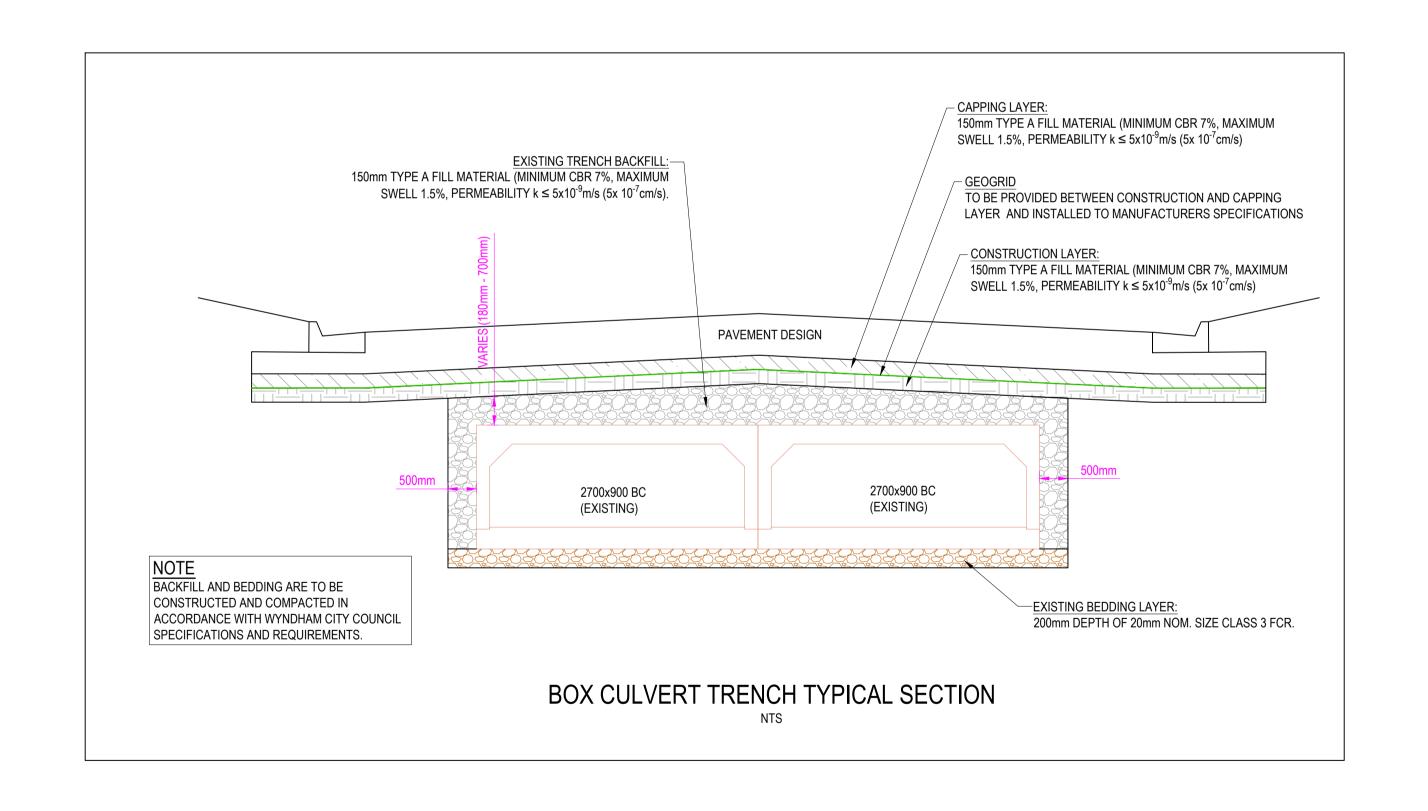
R1. RADII SHOWN ARE CORRECT UNLESS OTHERWISE SHOWN ON LAYOUT PLAN.

3. INDENTED PARKING BAY WIDTHS/LENGTHS TO CONFORM TO AS 2890.5, SECTION 2.3.1

Planning and Environment Act 1987
Wyndham Planning Scheme

Approved Plan As Required under Condition 40
Permit No WYP10817/18
Date 18/04/2023





WARNING BEWARE OF UNDERGROUND & OVERHEAD SERVICES

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 REVISION
 DATE
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properties
Communities Designed for Living





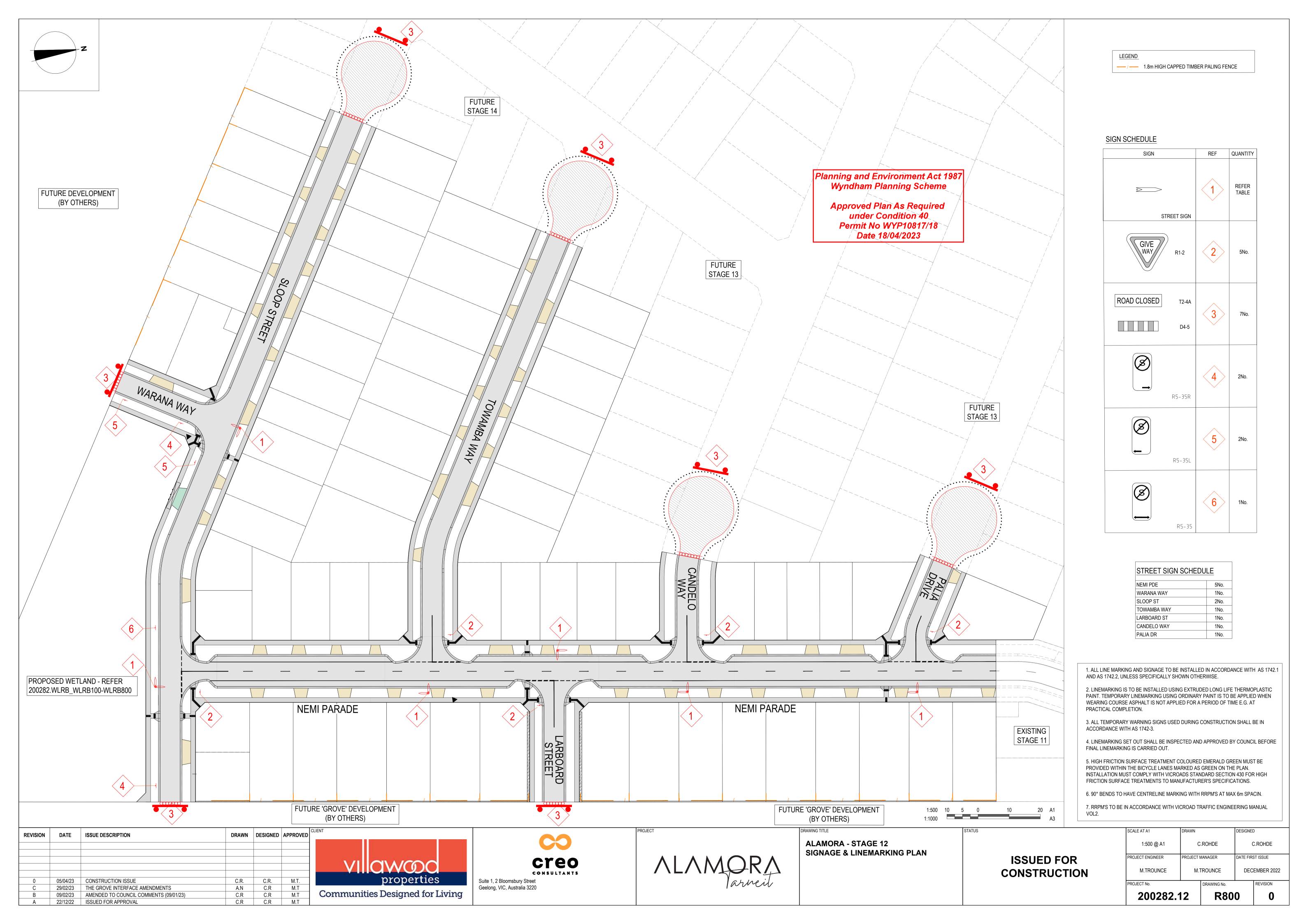
DRAWING TITLE

ALAMORA - STAGE 12
TYPICAL DETAILS - 2

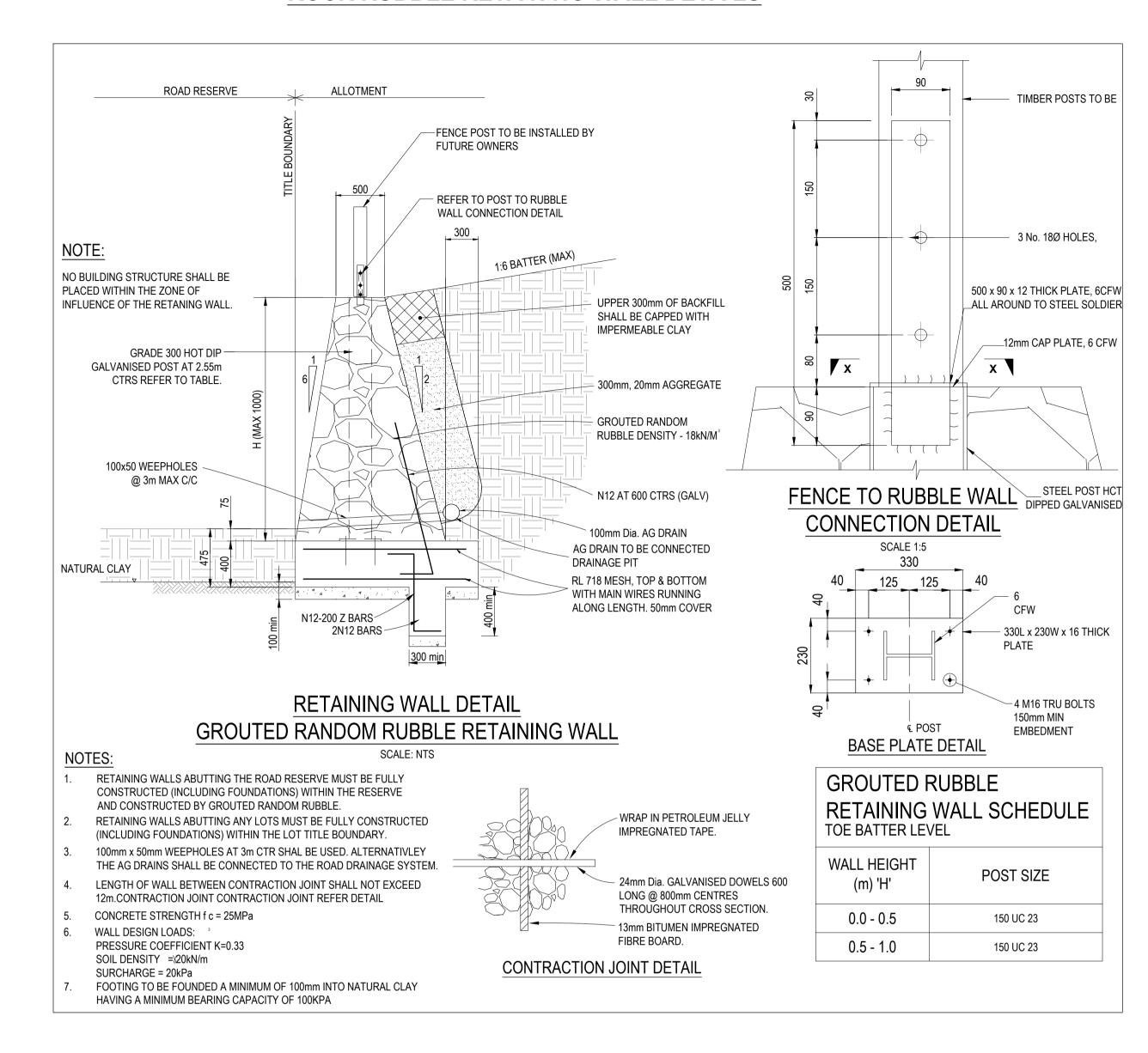
STATUS

ISSUED FOR
CONSTRUCTION

200282.12		R70	1	0
PROJECT No.		DRAWING No.		REVISION
M.TROUNCE	M.1	M.TROUNCE		EMBER 2022
PROJECT ENGINEER	PROJECT N	MANAGER	DATE FIRS	ST ISSUE
AS SHOWN	С	.ROHDE	C.ROHDE	
SCALE AT A1	DRAWN		DESIGNED)



ROCK RUBBLE RETAINING WALL DETAILS



WARNING

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DRAWN DESIGNED APPROVED CLIENT ISSUE DESCRIPTION REVISION DATE 05/04/23 CONSTRUCTION ISSUE C.R. C.R. M.T. C.R M.T THE GROVE INTERFACE AMENDMENTS A.N 29/02/23 C.R C.R M.T 09/02/23 AMENDED TO COUNCIL COMMENTS (09/01/23) C.R M.T 22/12/22 ISSUED FOR APPROVAL





ALAMORA - STAGE 12 RETAINING WALL DETAILS - 1

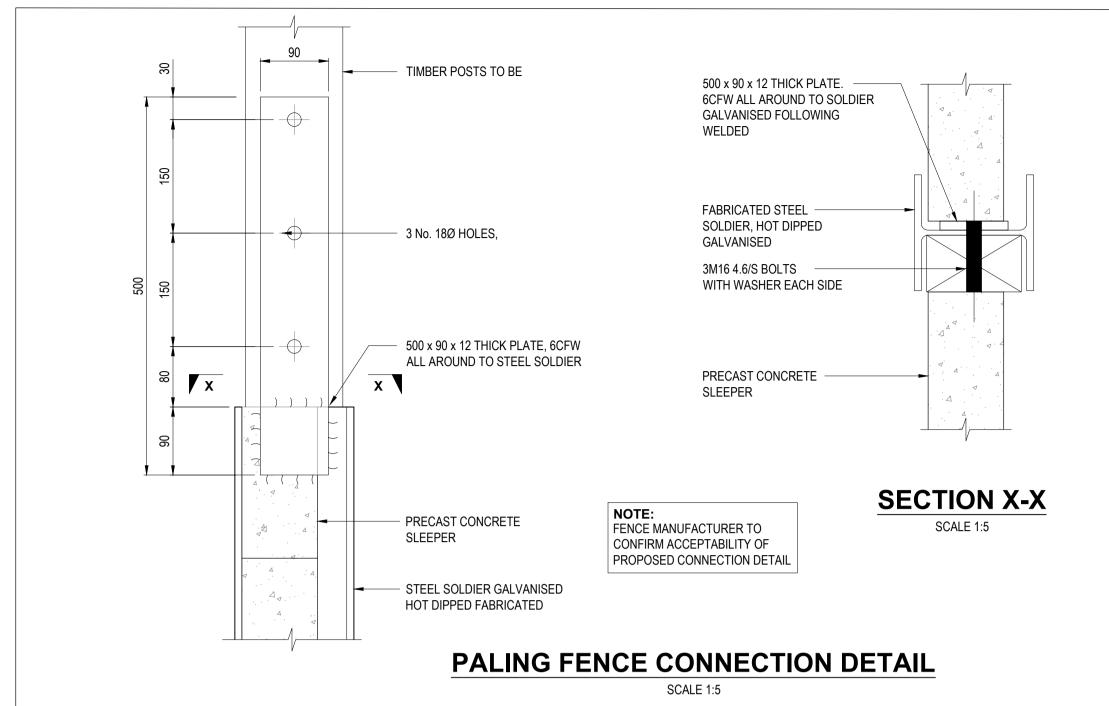
DRAWING TITLE

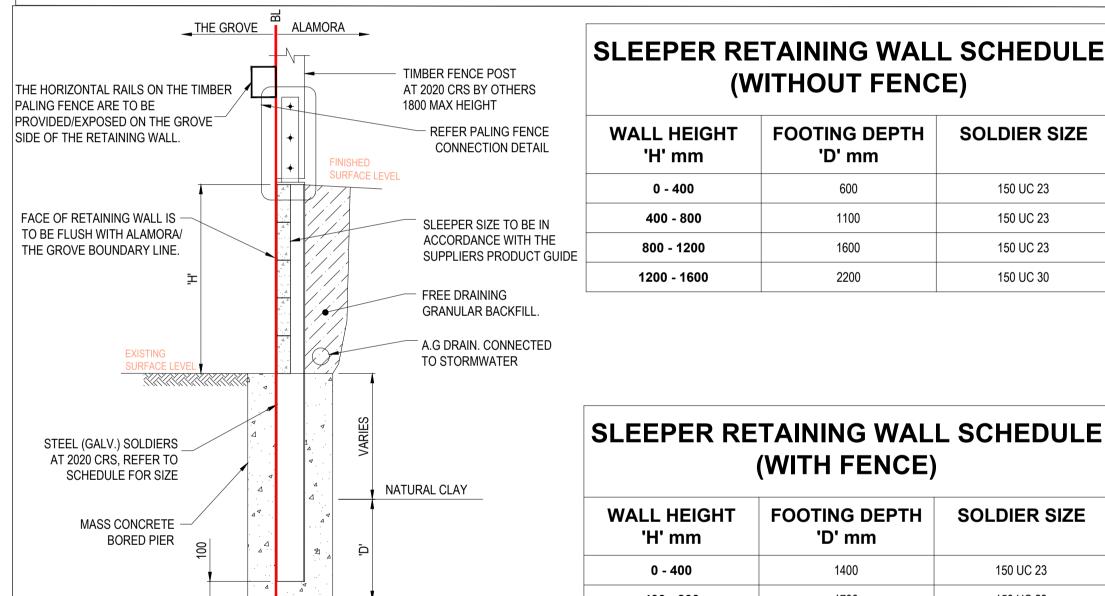
ISSUED FOR CONSTRUCTION

1200 - 1600

SCALE AT A1 DESIGNED C.ROHDE C.ROHDE AS SHOWN DATE FIRST ISSUE PROJECT ENGINEER PROJECT MANAGER DECEMBER 2022 M.TROUNCE M.TROUNCE PROJECT No. REVISION DRAWING No. 200282.12

CONCRETE SLEEPER RETAINING WALL DETAILS



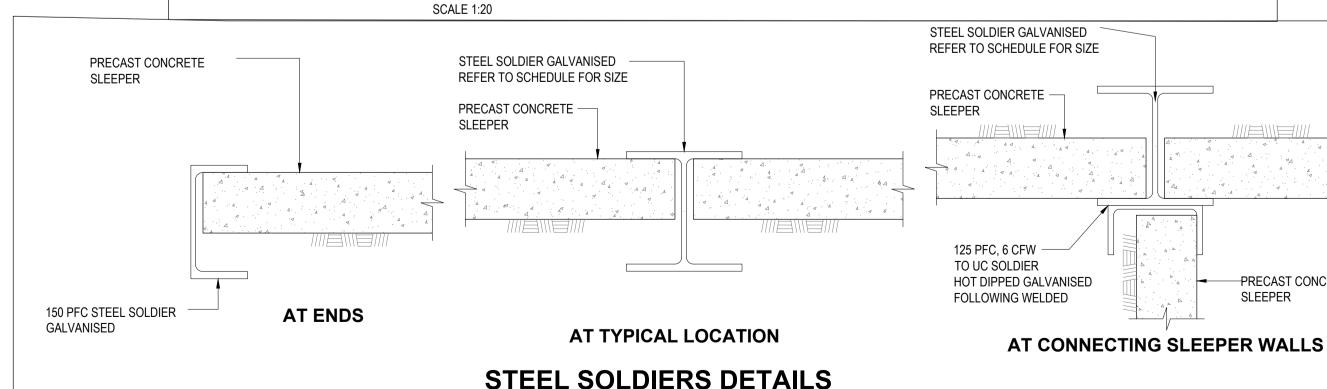


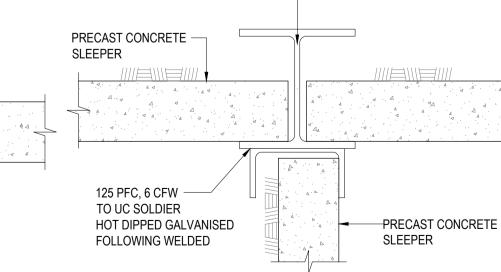
(WITHOUT FENCE) **WALL HEIGHT** FOOTING DEPTH **SOLDIER SIZE** 'H' mm 'D' mm 0 - 400 150 UC 23 1100 150 UC 23 400 - 800 800 - 1200 1600 150 UC 23 1200 - 1600 2200 150 UC 30

(WITH FENCE) **SOLDIER SIZE WALL HEIGHT FOOTING DEPTH** 'D' mm 'H' mm 150 UC 23 0 - 400 1700 400 - 800 150 UC 23 800 - 1200 2100 150 UC 30

2600

CONCRETE SLEEPER RETAINING WALL DETAIL WITH FENCE

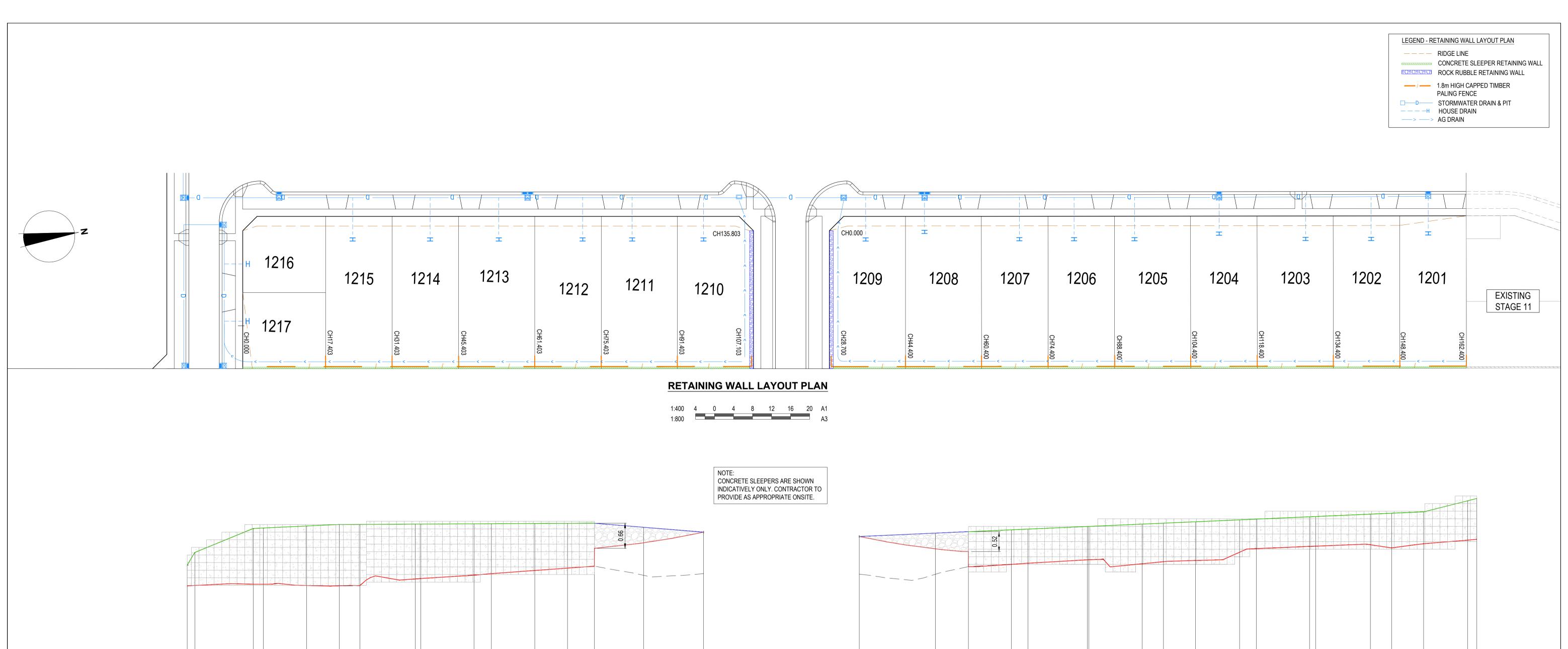


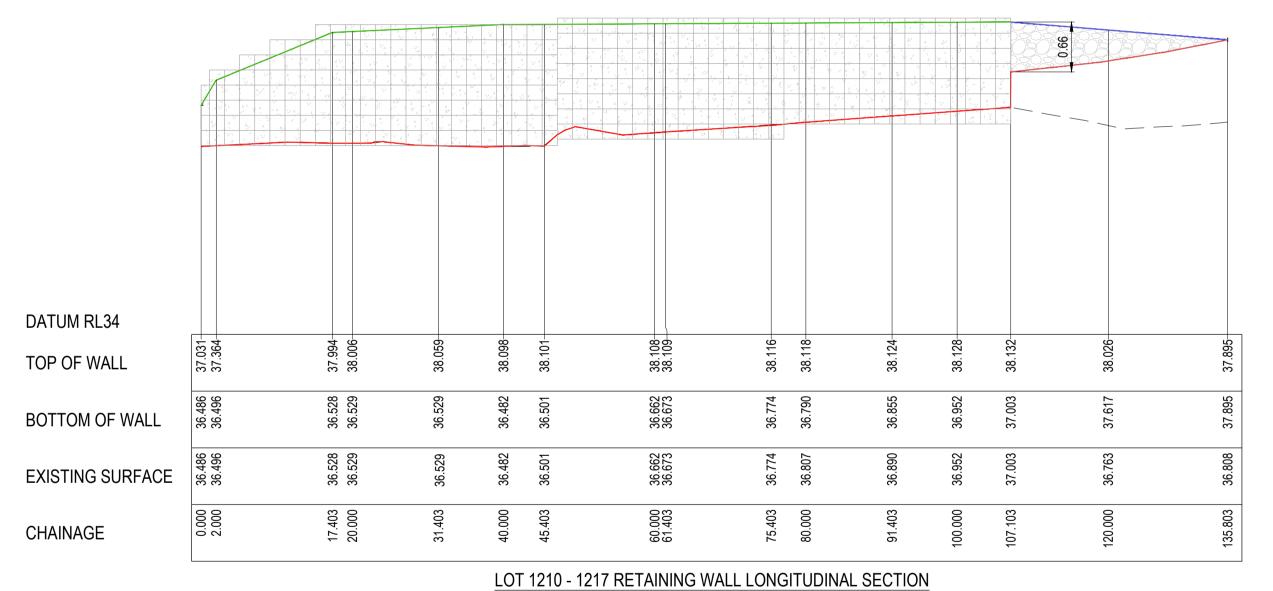


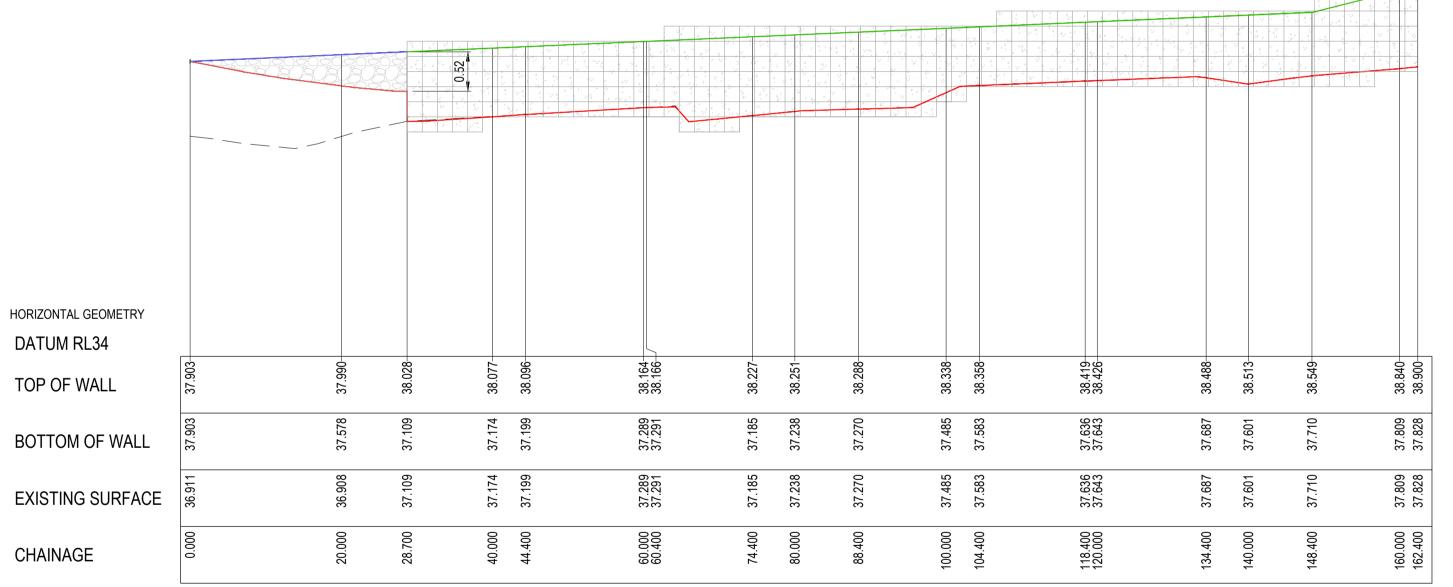
150 UC 30

STEEL SOLDIERS DETAILS

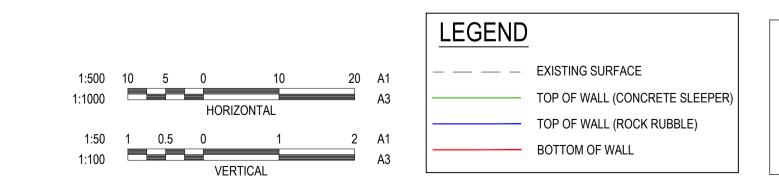
SCALE 1:5







LOT 1201 - 1209 RETAINING WALL LONGITUDINAL SECTION



STATUS

WARNING					
BEWARE OF UNDERGROUND & OVERHEAD SERVICES					
The locations of underground & overhead services are approximate only & 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					

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT
						villawoo
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	properties
С	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R	M.T	
В	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R	C.R	M.T	Communities Designed for Living
Α	22/12/22	ISSUED FOR APPROVAL	C.R	C.R	M.T	



PROJECT

ALAMORA - STAGE 12	
RETAINING WALL DETAILS - 2	

DRAWING TITLE

ISSUED FOR	
CONSTRUCTION	

SCALE AT A1	DRAWN		DESIGNED		
AS SHOWN	C.ROHDE		C.ROHDE		
PROJECT ENGINEER	PROJECT MANAGER		DATE FIRST ISSUE		
M.TROUNCE	M.7	FROUNCE	DECEMBER 2022		
PROJECT No.		DRAWING No.		REVISION	
200282.12		R90	1	0	



This certificate is issued to: Relevant building surveyor:

Postal address:

creo consultants

Level 7, 176 Wellington Parade, East Melbourne, VIC, Australia 3002

Building Act 1993 Section 238(1)(a) Building Regulations 2018 Regulation 126

CERTIFICATE OF COMPLIANCE FOR PROPOSED BUILDING WORK

Postcode:	
Email:	
This certificate is issued in relation to	the proposed building work at:
Address of: Alamora – Stage 12	
156 Portarlington Road, Port	arlington, VIC, 3223
Nature of proposed building work:	
Construction of: Sleeper and Random Ru	ubble Retaining Walls
Version of BCA applicable to certificate: I	BCA 2019 Vol. 1 Amd. 1
Building classification:	
Part of building: Retaining walls	BCA Classification: 10b

Prescribed class of building work for which this certificate is issued:

Documents setting out the design that is certified by this certificate.					
Document no.	Revision	Document date	Type of document	Number of pages	Prepared by
200282.12 - R900	В	07/02/2023	Drawing	1	Creo Consultants Pty Ltd
200282.1 – R901	В	07/02/2023	Drawing	1	Creo Consultants Pty Ltd
200282.12-Calculation-Ver.1	1	06/02/2023	Calculations	18	Creo Consultants Pty Ltd

Design or part of the design of building work relating to structural engineering matters for the proposed retaining walls.

Documents used in the preparation of the design that are not certified by this certificate.

bocuments used in the preparation of the design that are not certified by this certificate.					
Document no.	Revision	Document date	Type of document	Number of pages	Prepared by
53600.2.R1.v2	2	Nov 2018	Geotechnical Report	141	Tonkin & Taylor Pty Ltd

(continued) 10 February 2023

The design certified by this certificate complies with the following provisions of Building Act 1993, Building Regulations 2018 or National Construction Code

Act, Regulation or NCC	Section, Regulation, Part, Performance Requirement or other provision			
AS/NZS 1170.0	Structural design actions – General principles			
AS/NZS 1170.1	Structural design actions – Permanent, imposed and other actions			
AS/NZS 1170.2	Structural design actions – Wind actions			
AS1170.4	Structural design actions – Earthquake actions			
AS 3600	Concrete Structures Code			
AS 4100	Steel Structures Code			
AS 4678	Earth-retaining Structures Code			
NCC 2019 Volume 1 Building Code of Australia	Part B1			

I certify that the design set out in the documents listed above complies with the provisions set out above.

I believe that I hold the required skills, experience and knowledge to issue this certificate and can demonstrate this if requested to do so.

Engineer:

Name: James Tabban

Address: Level 7, Wellington Parade, East Melbourne 3002

Email: james.tabban@creoconsultants.com.au

Building practitioner registration category and class: Professional Engineer Registration: PE0002443 VBA Building practitioner registration no.: EC 37325

Date of issue of certificate: 10 February 2023

Signature:

