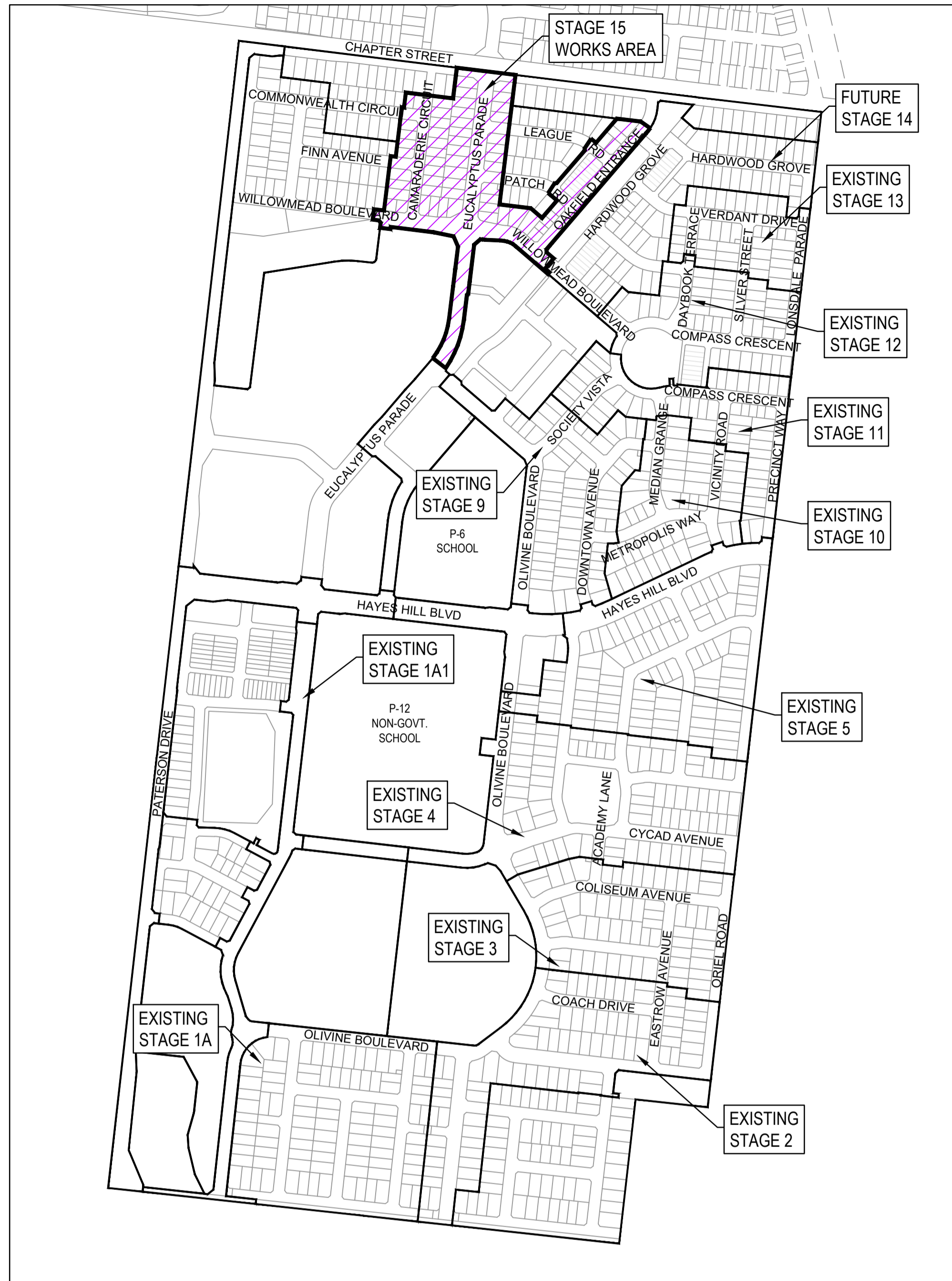


Olivine Estate Stage 15

Drawing Index

- 1700E-15-91 Locality Plan
- 1700E-15-92 Layout Plan - 1
- 1700E-15-93 Layout Plan - 2
- 1700E-15-94 Typical Cross Sections
- 1700E-15-95 Parking Plan - 1
- 1700E-15-96 Parking Plan - 2
- 1700E-15-97 Vehicle Turning Movements



LOCALITY PLAN
MELWAYS REF: 8M2

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	BRANCH SEWER
	HOUSE DRAIN
	ELECTRICITY (U GROUND)
	GAS
	TELSTRA
	WATER
	RECYCLE WATER
	AG DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING SWALE DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING HOUSE DRAIN
	EXISTING ELECTRICITY (UNDER GROUND)
	EXISTING GAS
	EXISTING TELSTRA
	EXISTING WATER
	EXISTING RECYCLED WATER
	EXISTING AG DRAIN
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE SWALE DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE HOUSE DRAIN
	FUTURE ELECTRICITY (UNDER GROUND)
	FUTURE GAS
	FUTURE TELSTRA
	FUTURE WATER
	FUTURE RECYCLED WATER
	FUTURE AG DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	ZERO LOT LINES
	DIRECTION OF FALL
	OVERLAND FLOW
	GRADED IN DIRECTION OF FALL TO LEVEL INDICATED
	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	EXISTING RED GUM TREE & CANOPY TO BE REMOVED
	EXISTING OTHER SPECIES TREE & CANOPY TO BE RETAINED
	EXISTING OTHER SPECIES TO BE RETAINED
	BOLLARDS

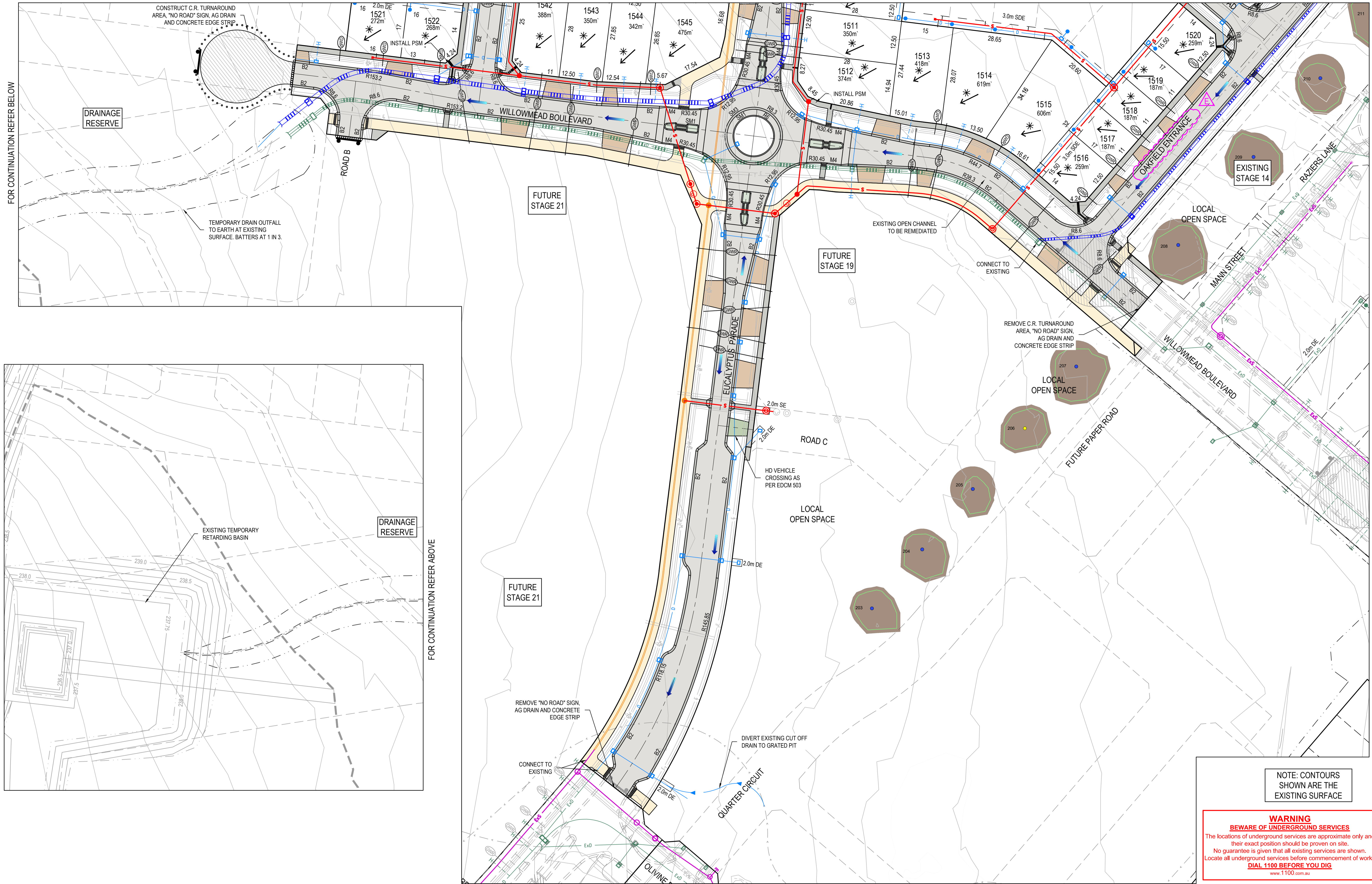
- NOTES FOR WORKS UNDER OVERHEAD ELECTRICAL POWERLINES**
1. MAINTENANCE AND REFUELLING OF VEHICLES AND EQUIPMENT MUST NOT BE CARRIED OUT UNDER POWERLINES
 2. THE STORAGE OR HANDLING OF FLAMMABLE LIQUIDS OR GASSES IS NOT PERMITTED UNDER POWERLINES
 3. THE PARKING OF LARGE VEHICLES OR CARAVANS, SITE HUTS OR SIMILAR IS NOT PERMITTED UNDER POWERLINES
 4. STOCKPILING OF EXCAVATED MATERIAL IS NOT PERMITTED UNDER POWERLINES
 5. VEHICLES AND EQUIPMENT EXCEEDING 3 METRES MAXIMUM OPERATING HEIGHT ARE NORMALLY NOT PERMITTED UNDER AUSNET'S POWERLINES. A HIGHER OPERATING HEIGHT LIMIT IS SUBJECT TO SUFFICIENT CLEARANCE TO THE CONDUCTORS AND WRITTEN APPROVAL
 6. SP AUSNET'S LINES CONTRACT SUPERVISOR MUST BE NOTIFIED AT LEAST 10 WORKING DAYS PRIOR TO THE WORKS COMMENCING SO THAT APPROPRIATE PERMITS CAN BE ARRANGED. ADDITIONAL SAFETY PRECAUTIONS DEEMED NECESSARY WILL BE ADVISED AT THIS TIME. ALL PERSONS COMMENCING WORK ON THE SITE MUST BE MADE AWARE OF PERMIT CONDITIONS AND SAFETY PRECAUTIONS
 7. ALL WORK IN THE VICINITY MUST BE IN ACCORDANCE WITH THE INDUSTRIES NO GO ZONE REQUIREMENTS AND SP AUSNET MUST BE SATISFIED THAT ALL SUB CONTRACTORS WORKING IN THE AREA IN THE VICINITY OF THE OVERHEAD LINES WORK WITHIN THESE GUIDELINES, INCLUDING THE PROVISION OF A SPOTTER AS REQUIRED.

WARNING
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ROAD NAME	GAS		NON-DRINKING WATER		DRINKING WATER		DIST. DRINKING WATER		DIST. NON-DRINKING WATER		ELECTRICITY		NBN	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
EUCALYPTUS PARADE (NORTH OF CHAPTER STREET)	WEST	2.10	WEST	2.65	WEST	3.20	-	-	-	-	EAST	1.05	EAST	0.35
EUCALYPTUS PARADE (ADJACENT LOTS)	WEST	3.60	WEST	4.30	WEST	4.80	-	-	-	-	EAST	2.80	EAST	2.10
EUCALYPTUS PARADE (ADJACENT OPEN SPACE)	WEST	3.60	WEST	4.30	WEST	4.80	-	-	-	-	EAST	1.05	EAST	0.35
WILLOWMEAD BOULEVARD	NORTH	2.10	NORTH	2.60	NORTH	3.10	-	-	-	-	SOUTH	4.05	SOUTH	3.35
WILLOWMEAD BOULEVARD (ADJACENT OPEN SPACE)	NORTH	2.10	NORTH	2.60	NORTH	3.10	-	-	-	-	SOUTH	1.05	SOUTH	0.35
WILLOWMEAD BOULEVARD (ADJACENT DRAIN RESERVE)	NORTH	2.10	NORTH	2.60	NORTH	3.10	-	-	-	-	SOUTH	1.05	SOUTH	0.35
OAKFIELD ENTRANCE	WEST	2.10	WEST	2.60	WEST	3.10	-	-	-	-	EAST	1.25	EAST	0.55
PATCH ROAD	SOUTH	2.10	SOUTH	2.60	SOUTH	3.10	-	-	-	-	NORTH	2.55	NORTH	1.85
LEAGUE ROAD	NORTH	2.10	NORTH	2.60	NORTH	3.10	-	-	-	-	SOUTH	2.55	SOUTH	1.85
COMMONWEALTH CIRCUIT (NORTH/SOUTH)	WEST	2.10	WEST	2.60	WEST	3.10	-	-	-	-	EAST	2.55	EAST	1.85
COMMONWEALTH CIRCUIT (EAST/WEST)	NORTH	2.10	NORTH	2.60	NORTH	3.10	-	-	-	-	SOUTH	2.55	SOUTH	1.85
FINN AVENUE	SOUTH	2.10	SOUTH	2.60	SOUTH	3.10	-	-	-	-	NORTH	2.55	NORTH	1.85
CHAPTER STREET	SOUTH	1.90	SOUTH	2.40	SOUTH	2.90	NORTH	2.10	NORTH	2.75	SOUTH	3.40	SOUTH	4.00
HEART RISE (LANEWAY)	EAST	1.80	EAST	2.20	EAST	2.70	-	-	-	-	EAST	4.20	EAST	3.50
ASSOCIATION ALLEY (LANEWAY)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROAD C (LANEWAY)	NORTH	1.80	NORTH	2.20	NORTH	2.70	-	-	-	-	NORTH	4.20	NORTH	3.50
ROAD B	EAST	2.10	EAST	2.60	EAST	3.10	-	-	-	-	WEST	1.05	WEST	0.35

ROAD NAME	RESERVE WIDTH (m)	ROAD WIDTH (m)			KERB TYPE		VERGE WIDTH (m)	
		LIP to LIP	INV to INV	BACK to BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST
EUCALYPTUS PARADE (NORTH OF CHAPTER STREET)	18.50	5.10	6.00	6.30	B2	B2	5.25	7.25
EUCALYPTUS PARADE (ADJACENT LOTS)	22.00	5.10	6.00	6.30	B2	B2	8.75	7.25
EUCALYPTUS PARADE (ADJACENT OPEN SPACE)	20.50	5.10	6.00	6.30	B2	B2	6.45	3.45
WILLOWMEAD BOULEVARD	21.50	6.40	7.30	7.60	B2	B2	6.35	7.85
WILLOWMEAD BOULEVARD (ADJACENT OPEN SPACE)	18.50	6.40	7.30	7.60	B2	B2	6.35	4.85
WILLOWMEAD BOULEVARD (ADJACENT DRAIN RESERVE)	14.50	6.40	7.30	7.60	B2	B2	4.70	2.50
OAKFIELD ENTRANCE	16.00	6.40	7.30	7.60	B2	B2	5.10	3.60
PATCH ROAD	16.00	6.40	7.30	7.60	B2	B2	4.35	4.35
LEAGUE ROAD	16.00	6.40	7.30	7.60	B2	B2	4.35	4.35
COMMONWEALTH CIRCUIT (NORTH/SOUTH)	16.00	6.40	7.30	7.60	B2	B2	4.35	4.35
COMMONWEALTH CIRCUIT (EAST/WEST)	16.00	6.40	7.30	7.60	B2	B2	4.35	4.35
FINN AVENUE	16.00	6.40	7.30	7.60	B2	B2	4.35	4.35
CHAPTER STREET	31.00	2.75	3.50	3.95	B2	B2	6.60	11.90
HEART RISE (LANEWAY)	12.00	4.00	-	-	-	-	3.10	4.90
ASSOCIATION ALLEY (LANEWAY)	7.00	4.00	-	-	-	-	-	-
ROAD C (LANEWAY)	12.00	4.00	-	-	-	-	4.90	3.10
ROAD B	14.50	6.40	7.30	7.60	B2	B2	2.85	4.35

<p>REV DATE AMENDMENT / REVISION DESCRIPTION DESDFT APPROVAL</p> <p>A 07.02.20 ISSUED TO COUNCIL FOR APPROVAL SM/SM AB</p> <p>B 03.06.20 UPDATED PER COUNCIL COMMENTS SM/BS AB</p> <p>C 09.10.20 UPDATED PER COUNCIL COMMENTS SM/BS AB</p> <p>D 20.11.20 UPDATED PER COUNCIL COMMENTS BS/BS AB</p> <p>E 18.01.21 OFFSET TABLE & ROAD LAYOUT TABLE UPDATED YS/YS AB</p>	<p>All setting out should be carried out in accordance with MPA/Council's standard drawings or as nominated on hard copy plans provided by SMEC. Any digital information supplied by this office is for information only. Any discrepancies should be discussed with the superintendent.</p> <p>Quality Management ISO 9001 O&M Management - AS/NZS 5100 Environmental Management ISO 14001</p>	<p>TITLE NAME</p> <p>DRAFTER S.MaClaren</p> <p>DESIGNER S.MaClaren</p> <p>CHECKED K.Moore</p> <p>AUTHORISED A.Burrows</p> <p>REFERENCE No. 1</p> <p>REFERENCE No. 2</p>	<p>SCALE AS SHOWN AT A1</p>	<p>SMEC Member of the Surbana Jurong Group ABN 47 065 475 149 Collins Square, Tower 4, Level 20, 727 Collins St Melbourne, VIC 3008 Ph 03 9514 1500</p>	<p>mirvac</p>	<p>Olivine Estate - Stage 15 Whittlesea City Council Functional Design Locality Plan</p>	<p>MELWAYS REF: 8 M2 PROJECT / DRAWING No: 1700E-15-91 SHEET No: 01 of 07 REVISION: E</p>
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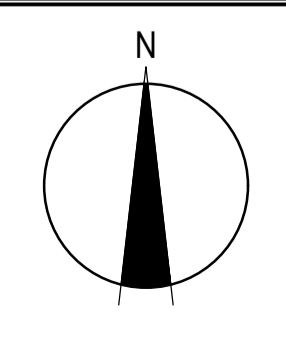
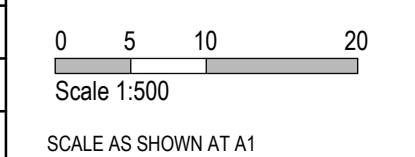
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NOTE: CONTOURS SHOWN ARE THE EXISTING SURFACE

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 The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works. **DIAL 1100 BEFORE YOU DIG**
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A	07.02.20	ISSUED TO COUNCIL FOR APPROVAL	SM/SM	AB
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C	09.10.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
D	20.11.20	UPDATED PER COUNCIL COMMENTS	BS/BS	AB
E	18.01.21	ROAD NAME UPDATED	YS/YS	AB

TITLE	NAME
DRAFTER	S.MacLaren
DESIGNER	S.MacLaren
CHECKED	K.Moore
AUTHORISED	A.Burrows
REFERENCE No. 1	
REFERENCE No. 2	



SMEC
 Member of the Surlana Jurong Group
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500



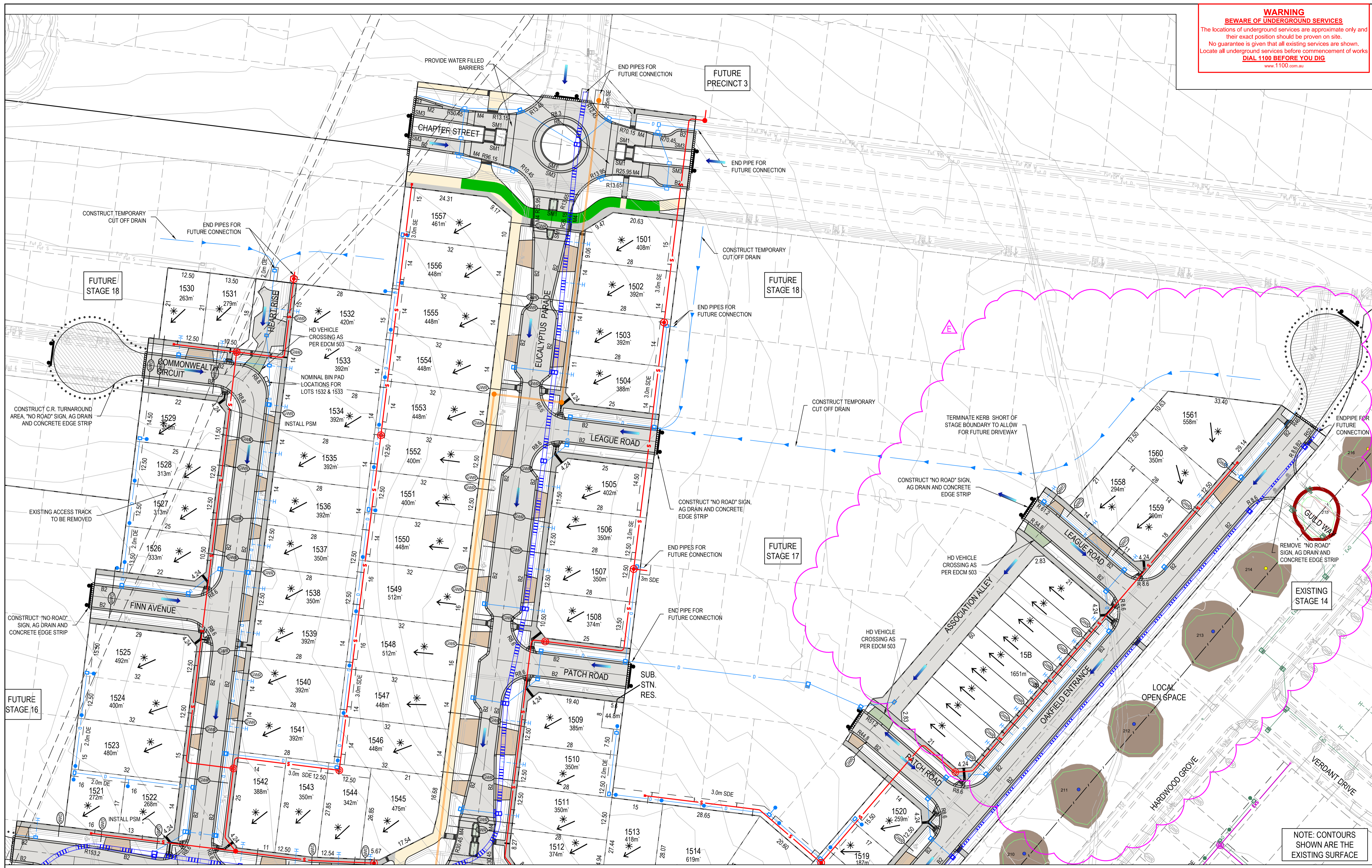
Olivine Estate - Stage 15
 Whittlesea City Council
 Functional Design
 Layout Plan - 1

MELWAYS REF 8 M2	PROJECT / DRAWING No. 1700E-15-92	SHEET No. 02 of 07	REVISION E
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FOR CONTINUATION REFER SHEET 1700E-15-93

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B	03.06.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
C	09.10.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
D	20.11.20	UPDATED PER COUNCIL COMMENTS	BS/BS	AB
E	18.01.21	STAGE EXTENT UPDATED	YS/YS	AB

TITLE	NAME
DRAFTER	S.MacLaren
DESIGNER	S.MacLaren
CHECKED	K.Moore
AUTHORISED	A.Burrows
REFERENCE No. 1	
REFERENCE No. 2	

Quality Management ISO 9001
 OHS Management AS/NZS 4801
 Environmental Management ISO 14001

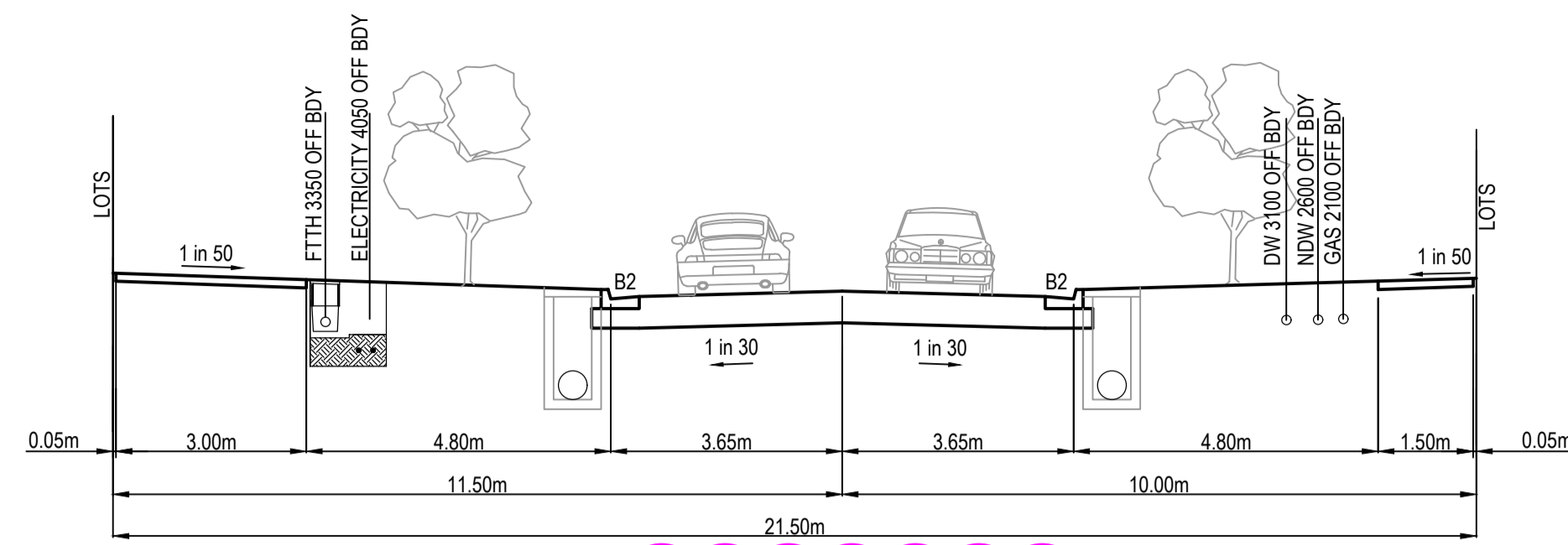
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 Melbourne, VIC 3008
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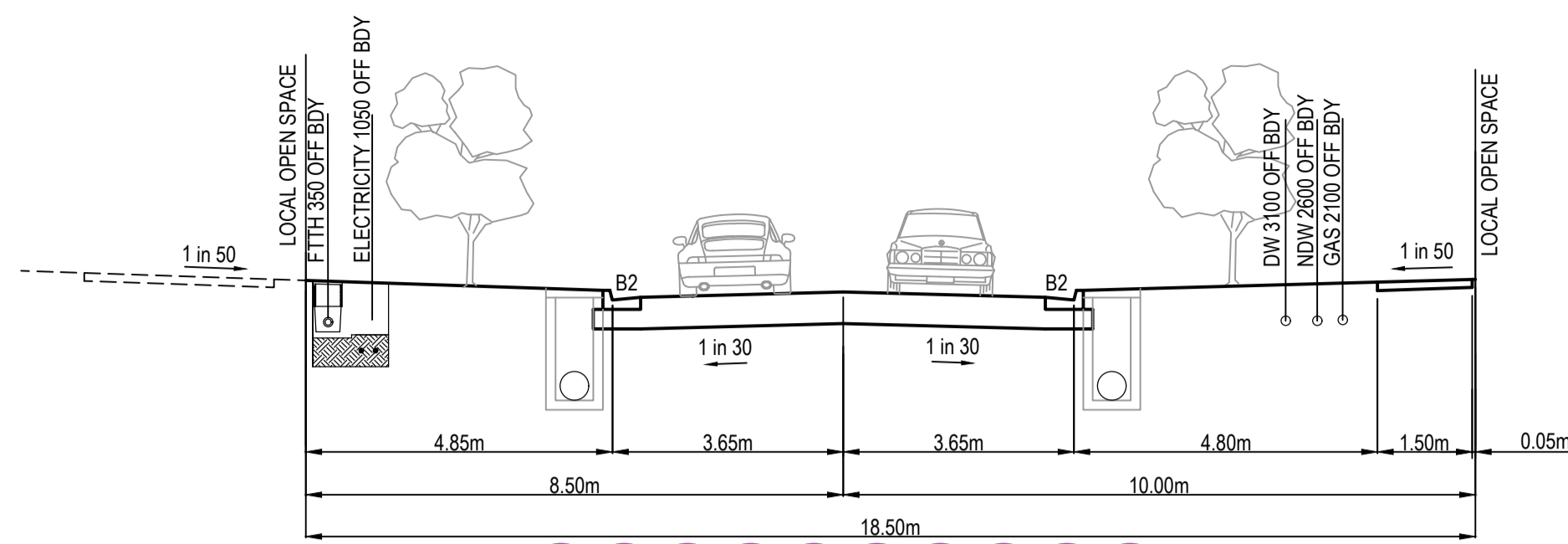
mirvac

Olivine Estate - Stage 15
 Whittlesea City Council
 Functional Design
 Layout Plan - 2

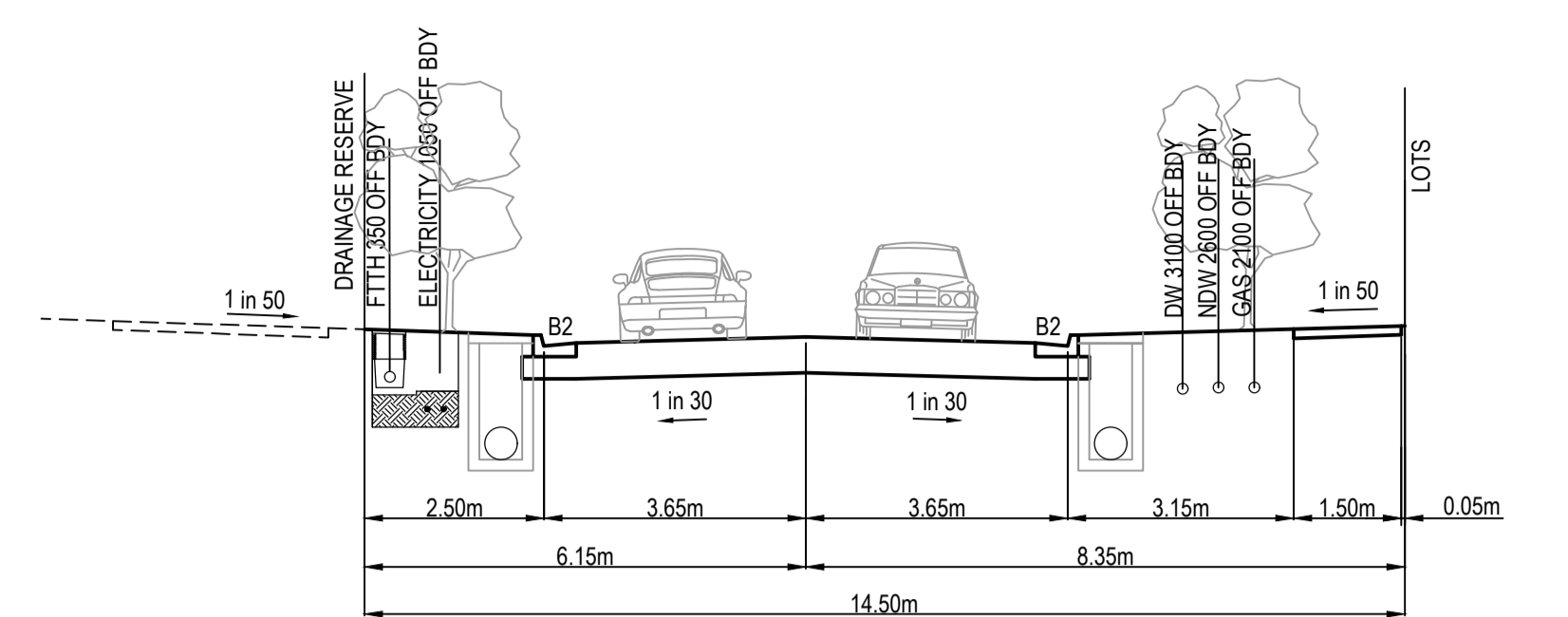
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 PROJECT / DRAWING No: 1700E-15-93
 SHEET No: 03 of 07
 REVISION: E



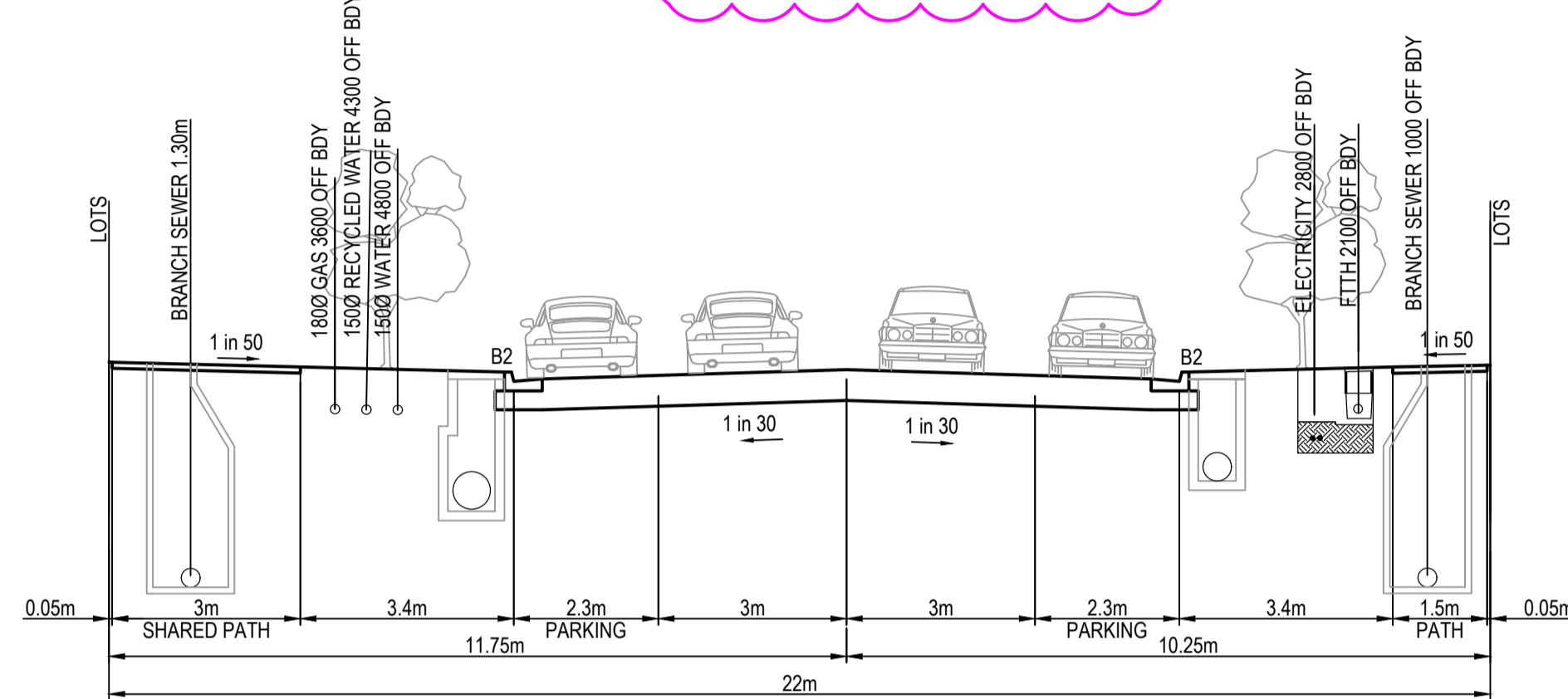
21.5m ACCESS STREET
WILLOWMEAD BOULEVARD



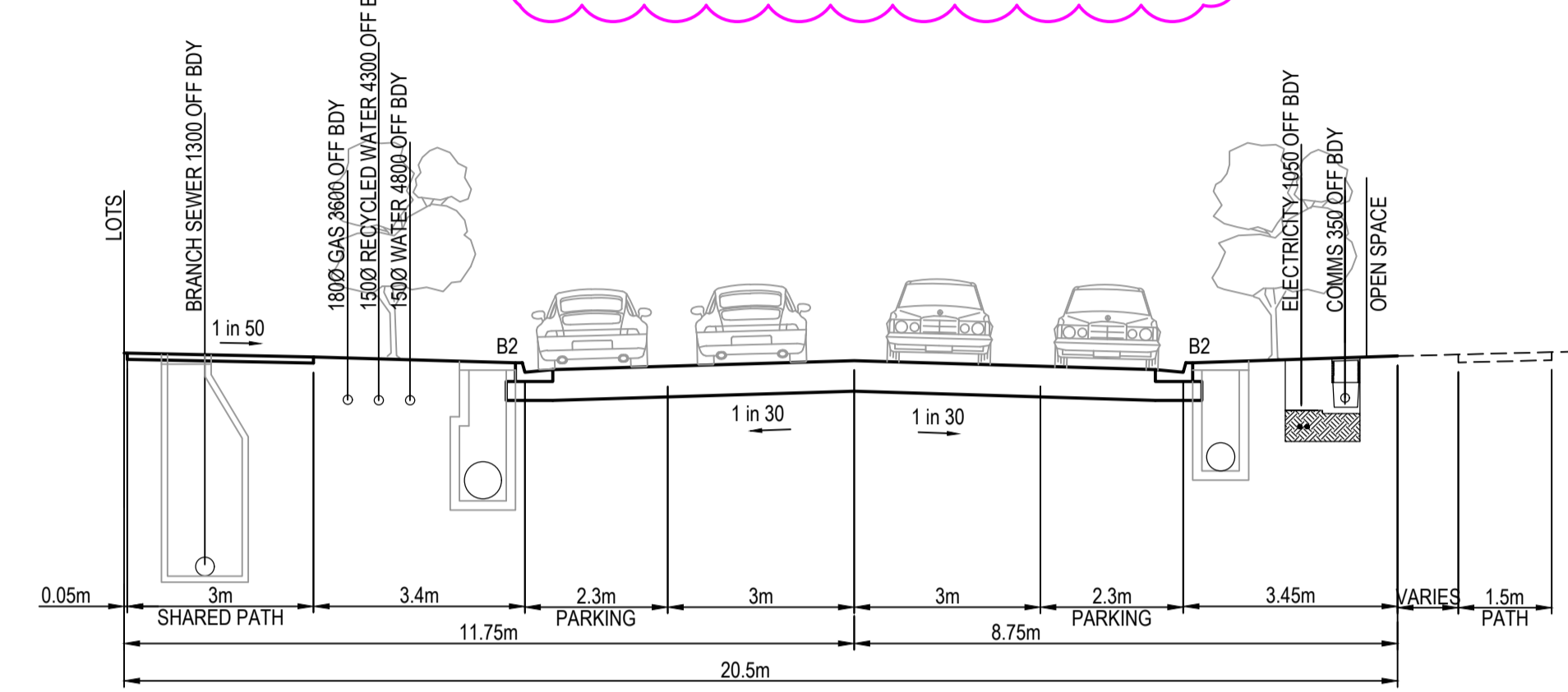
18.5m ACCESS STREET
WILLOWMEAD BOULEVARD (ADJACENT OPEN SPACE)



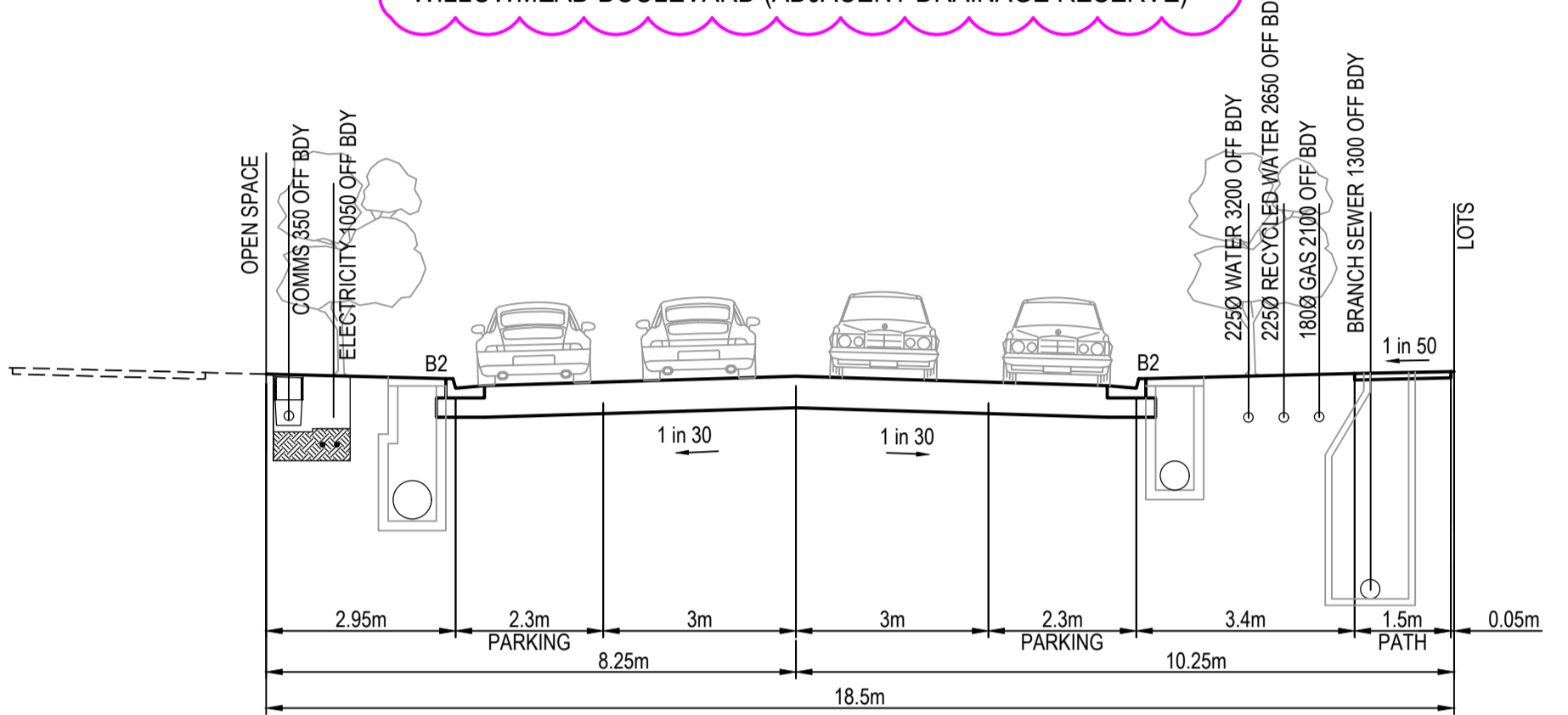
14.5m ACCESS STREET
WILLOWMEAD BOULEVARD (ADJACENT DRAINAGE RESERVE)



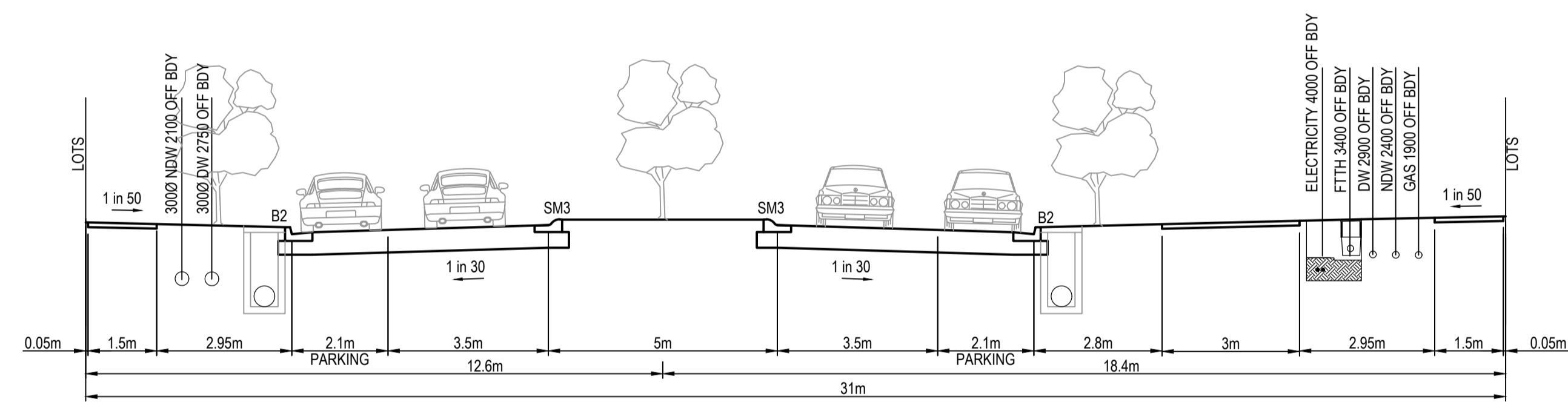
22m MODIFIED ACCESS STREET 2 WITH SHARED PATH
EUCALYPTUS PARADE (SOUTH OF CAMERON STREET)



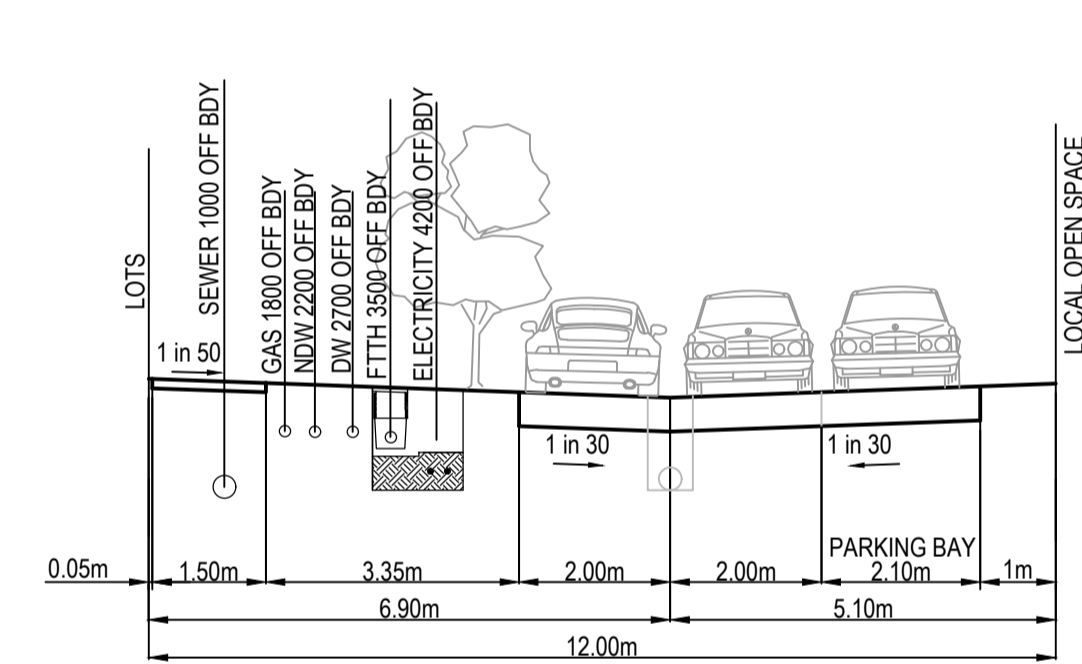
20.5m MODIFIED ACCESS STREET 2
EUCALYPTUS PARADE (ADJACENT OPEN SPACE)
* NOTE - SECTION VARIES FROM OLIVINE BOULEVARD



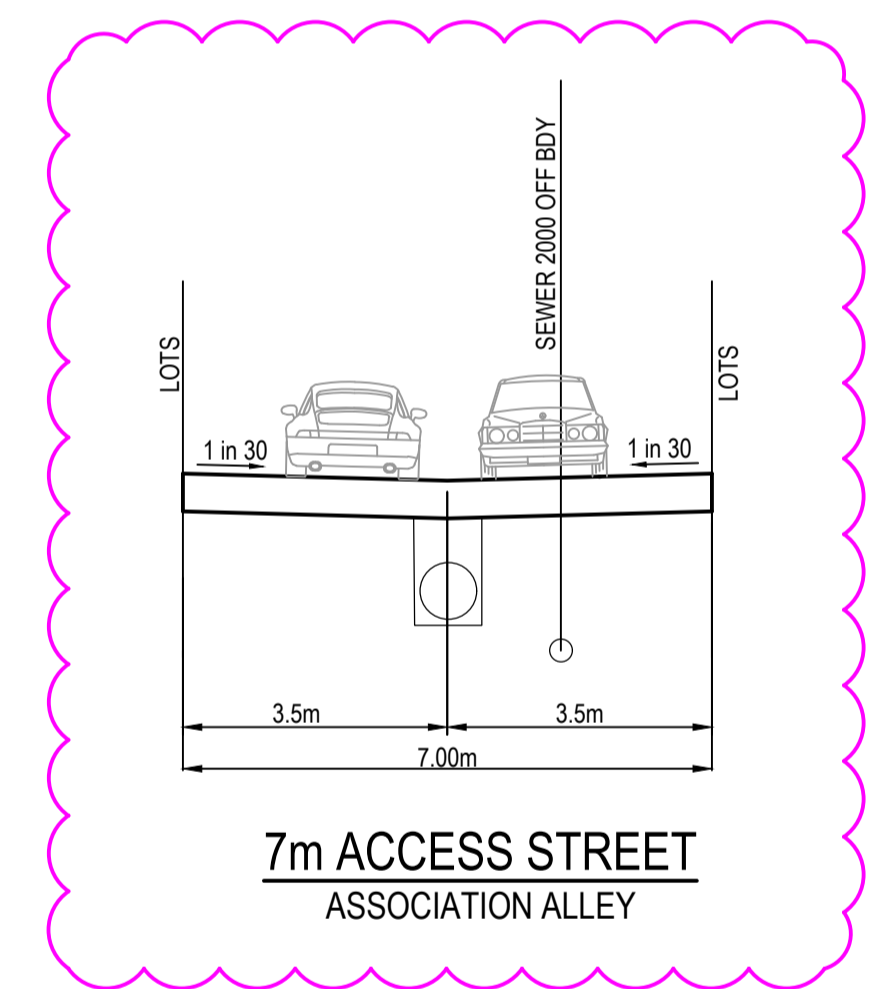
18.5m MODIFIED ACCESS STREET 2
EUCALYPTUS PARADE (NORTH OF CAMERON STREET)



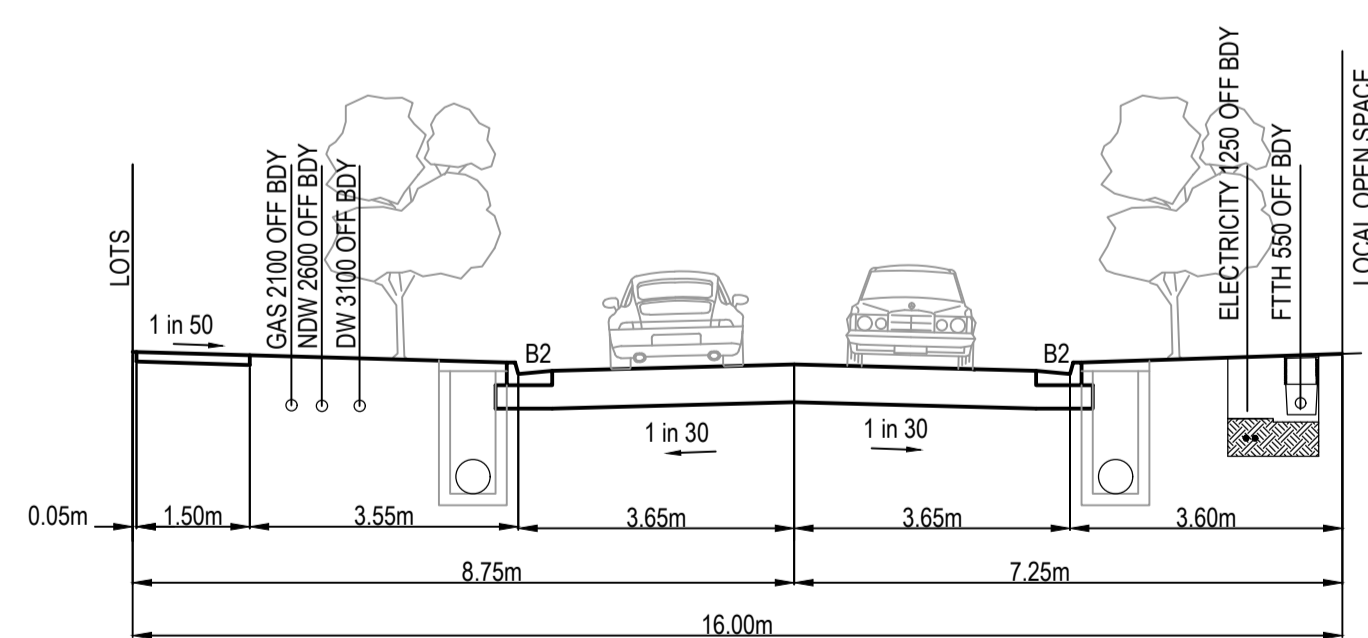
31m CONNECTOR STREET
CHAPTER STREET



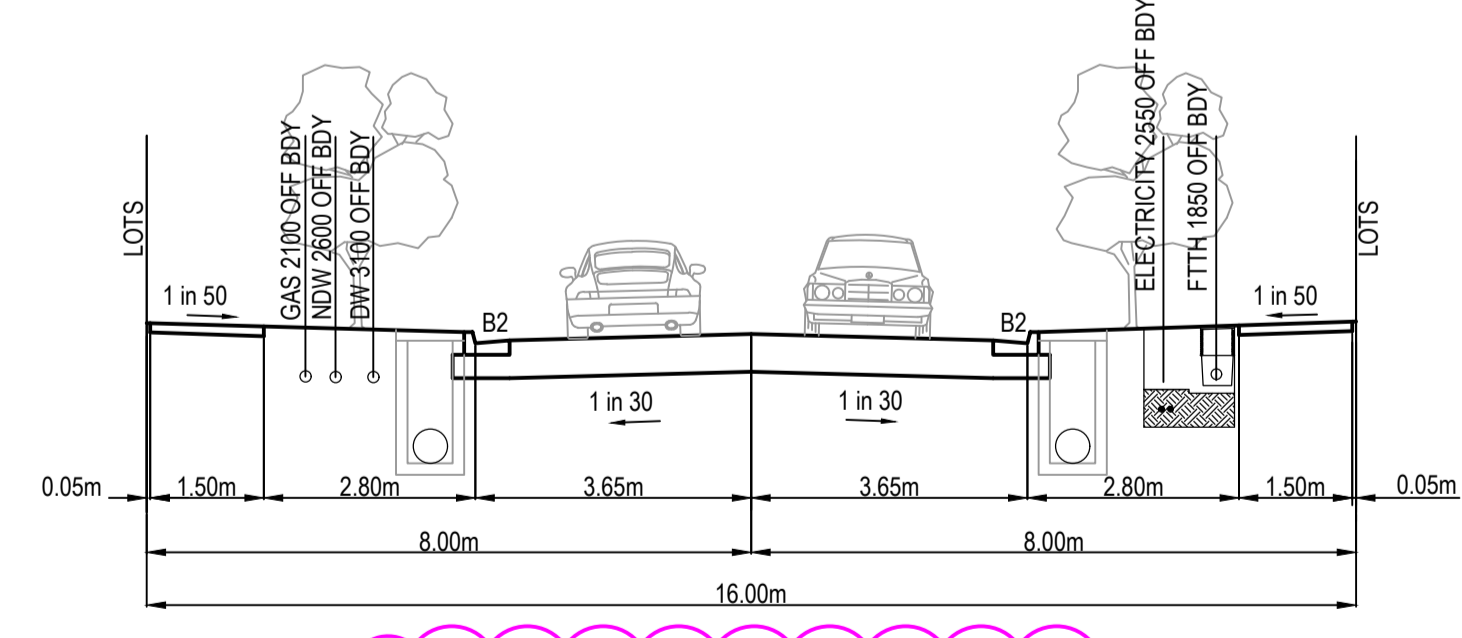
12m ACCESS LANE
HEART RISE & ROAD C



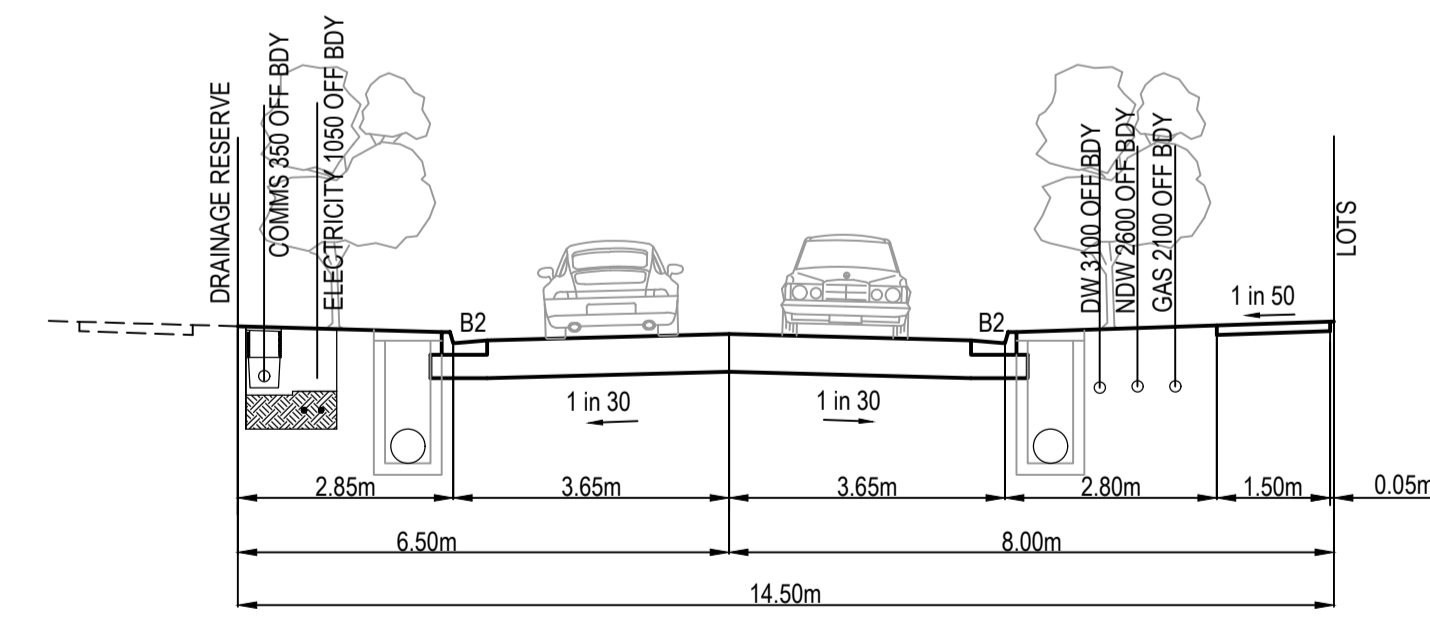
7m ACCESS STREET
ASSOCIATION ALLEY



16m ACCESS STREET
OAKFIELD ENTRANCE



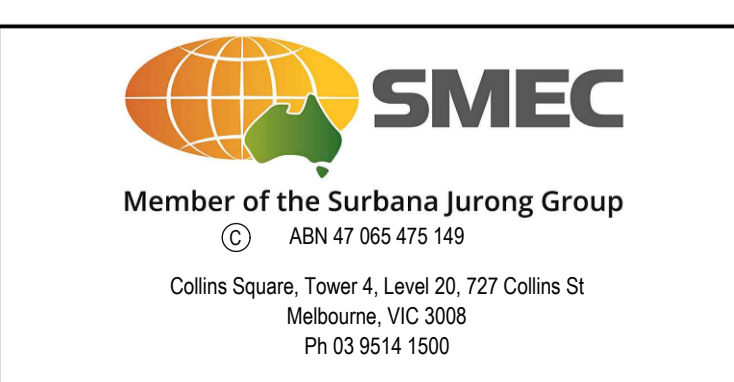
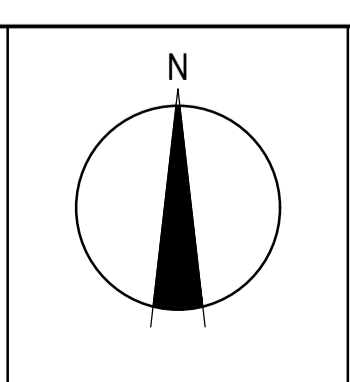
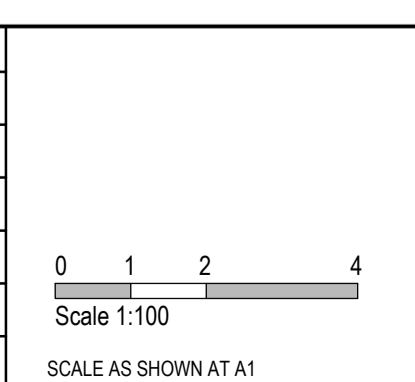
16m ACCESS STREET
PATCH ROAD, LEAGUE ROAD, FINN AVENUE,
COMMONWEALTH CIRCUIT



16m ACCESS STREET
ROAD B

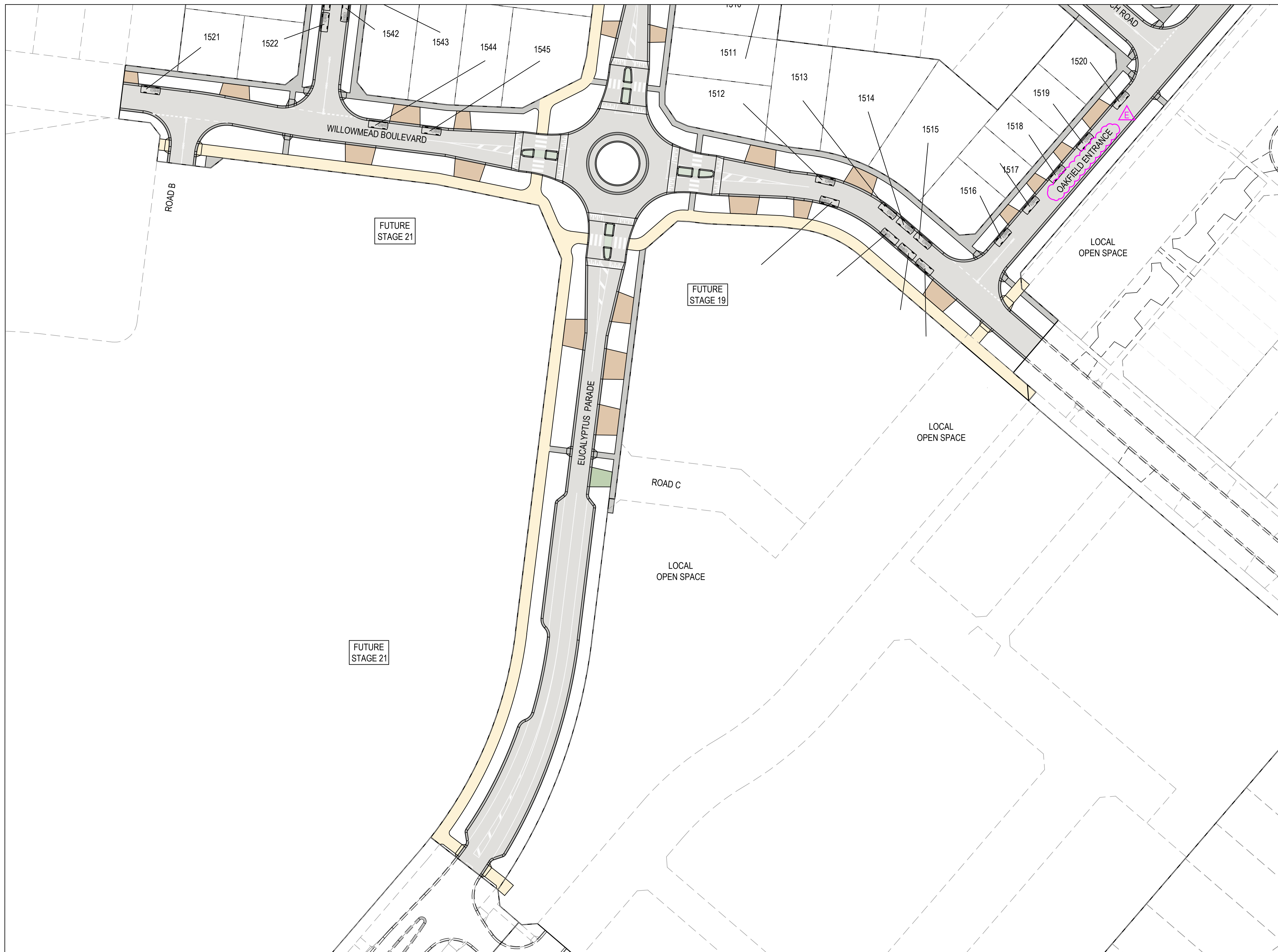
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B	03.06.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
C	09.10.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
D	20.11.20	UPDATED PER COUNCIL COMMENTS	BS/BS	AB
E	18.01.21	ROAD NAMES UPDATED; ASSOCIATION ALLEY TYPICAL SECTION ADDED	YS/YS	AB

TITLE	NAME
DRAFTER	S.MacLaren
DESIGNER	S.MacLaren
CHECKED	K.Moore
AUTHORISED	A.Burrows
REFERENCE No. 1	
REFERENCE No. 2	



MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
8 M2	1700E-15-94	04 of 07	E

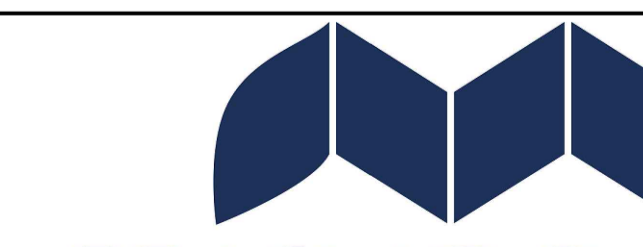
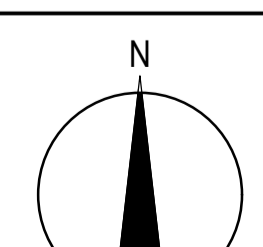
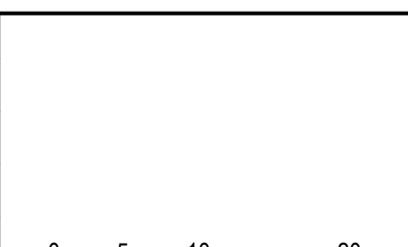
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C	09.10.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
D	20.11.20	UPDATED PER COUNCIL COMMENTS	BS/BS	AB
E	18.01.21	ROAD NAME UPDATED	YS/YS	AB

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TITLE	NAME
DRAFTER	S.MacLaren
DESIGNER	S.MacLaren
CHECKED	K.Moore
AUTHORISED	A.Burrows
REFERENCE No. 1	
REFERENCE No. 2	



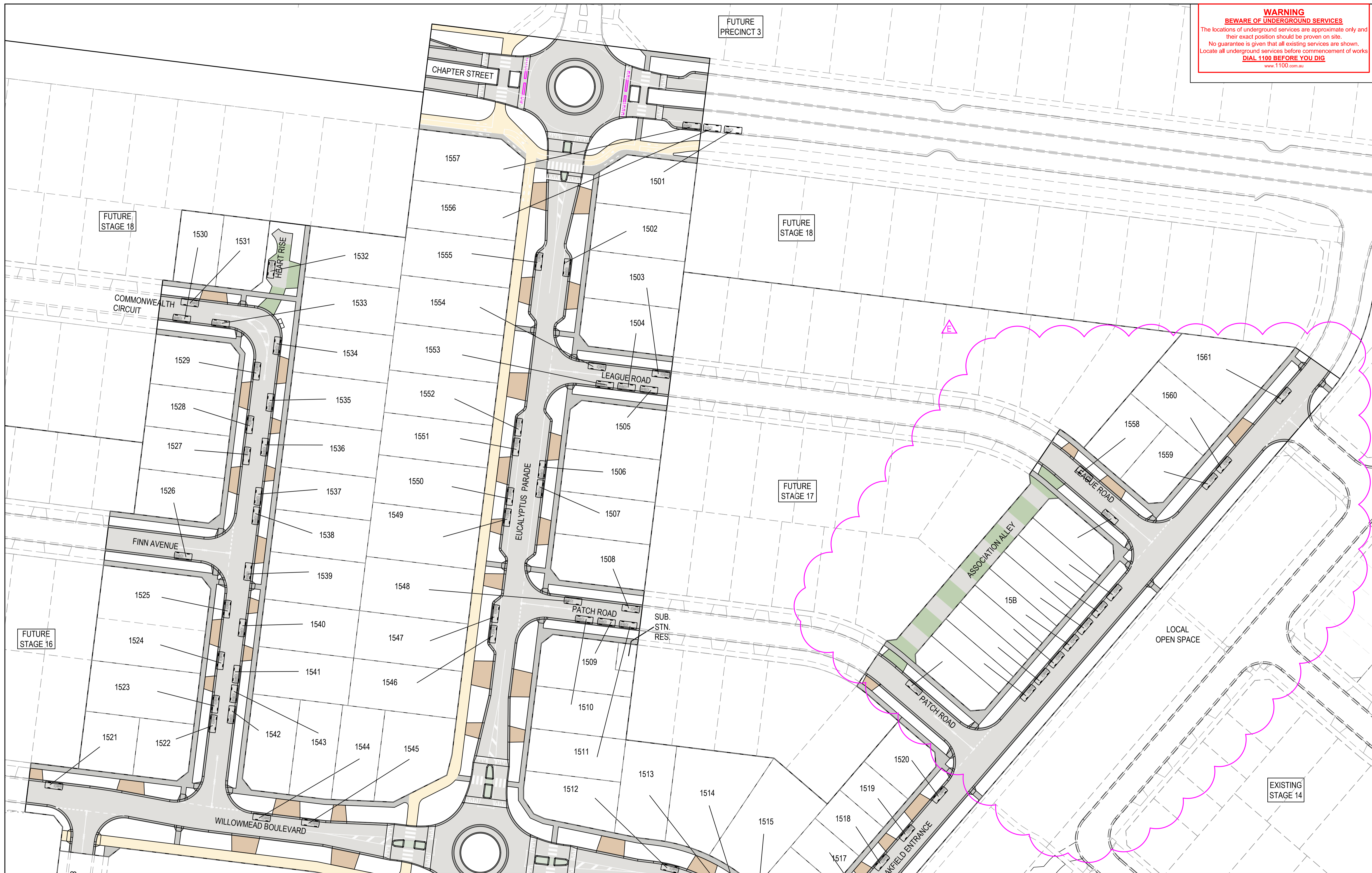
Olivine Estate - Stage 15
 Whittlesea City Council
 Functional Design
 Parking Plan - 1

SUBJECT TO APPROVAL



MELWAYS REF 8 M2	PROJECT / DRAWING No. 1700E-15-95	SHEET No. 05 of 07	REVISION E
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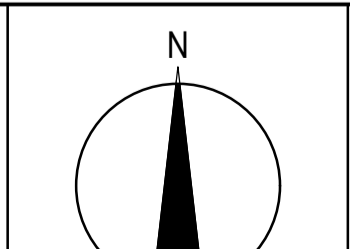
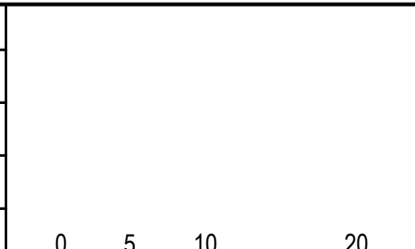


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B	03.06.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
C	09.10.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
D	20.11.20	UPDATED PER COUNCIL COMMENTS	BS/BS	AB
E	18.01.21	STAGE EXTENT UPDATED	YS/YS	AB

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TITLE	NAME
DRAFTER	S.MacLaren
DESIGNER	S.MacLaren
CHECKED	K.Moore
AUTHORISED	A.Burrows
REFERENCE No. 1	
REFERENCE No. 2	



SMEC
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 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

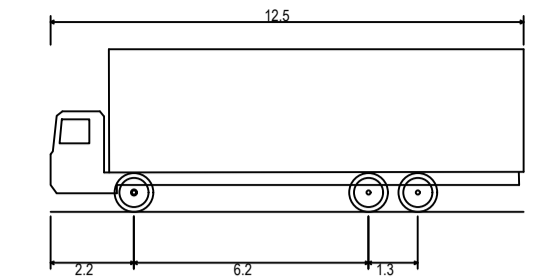
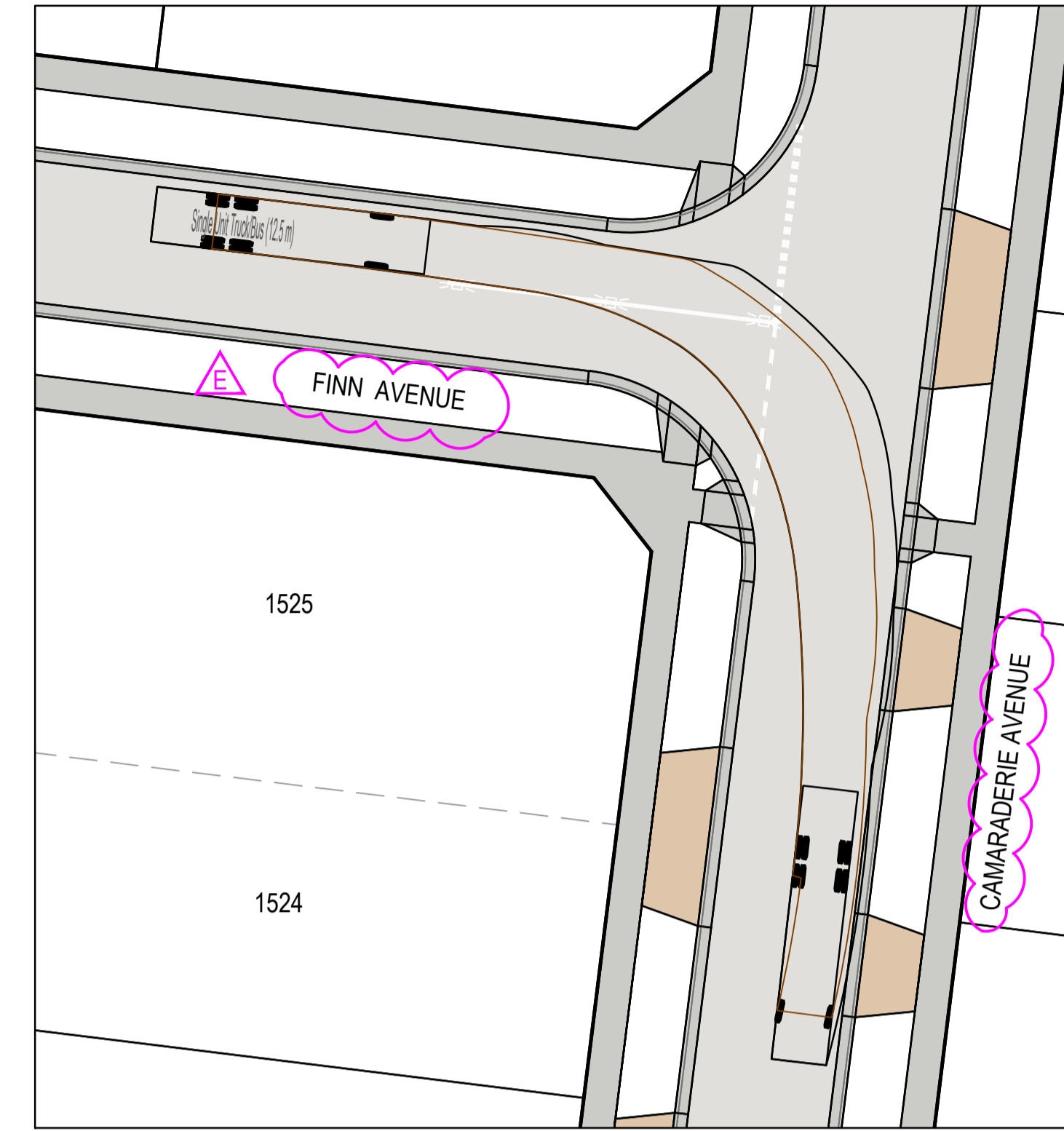
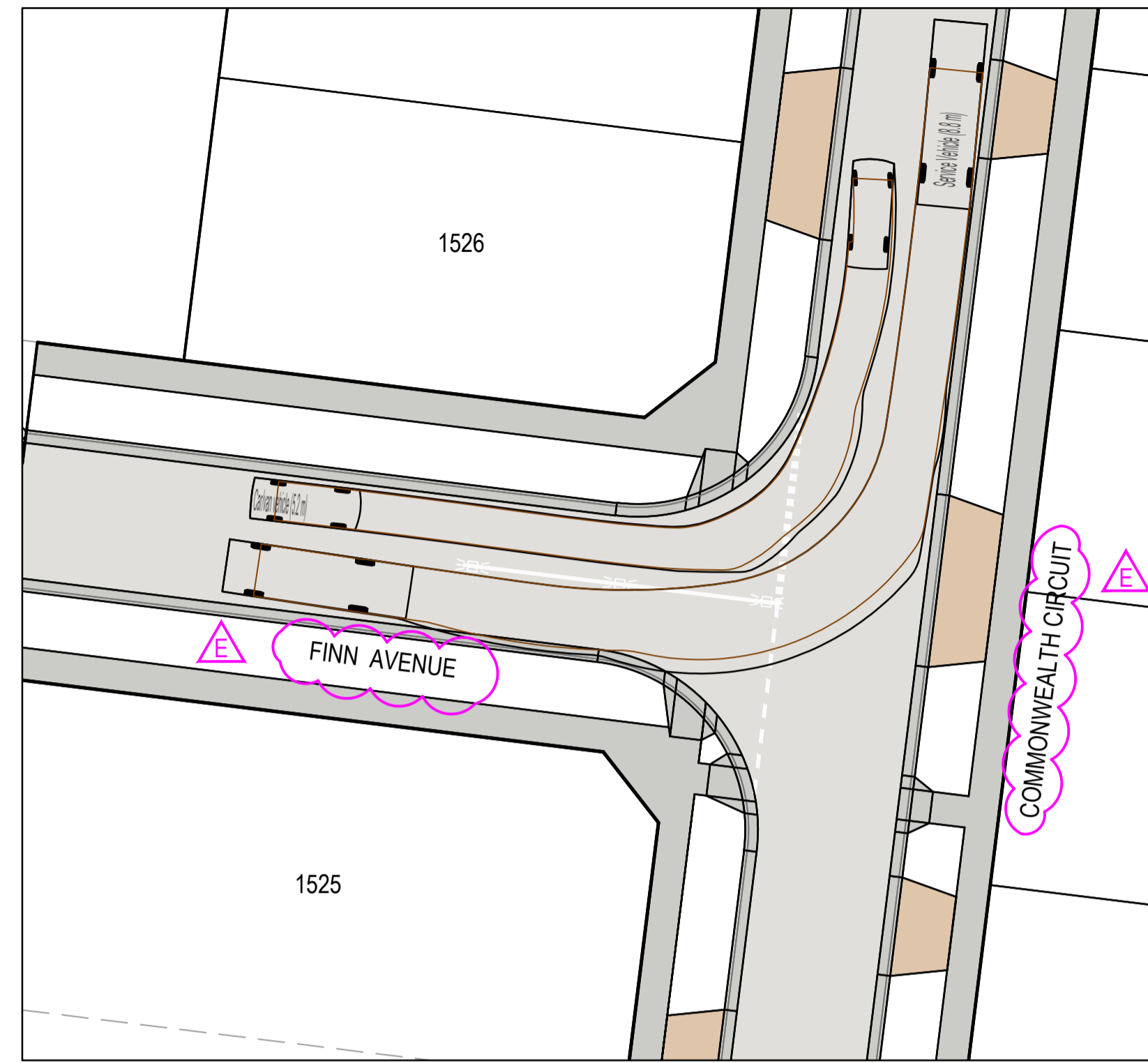
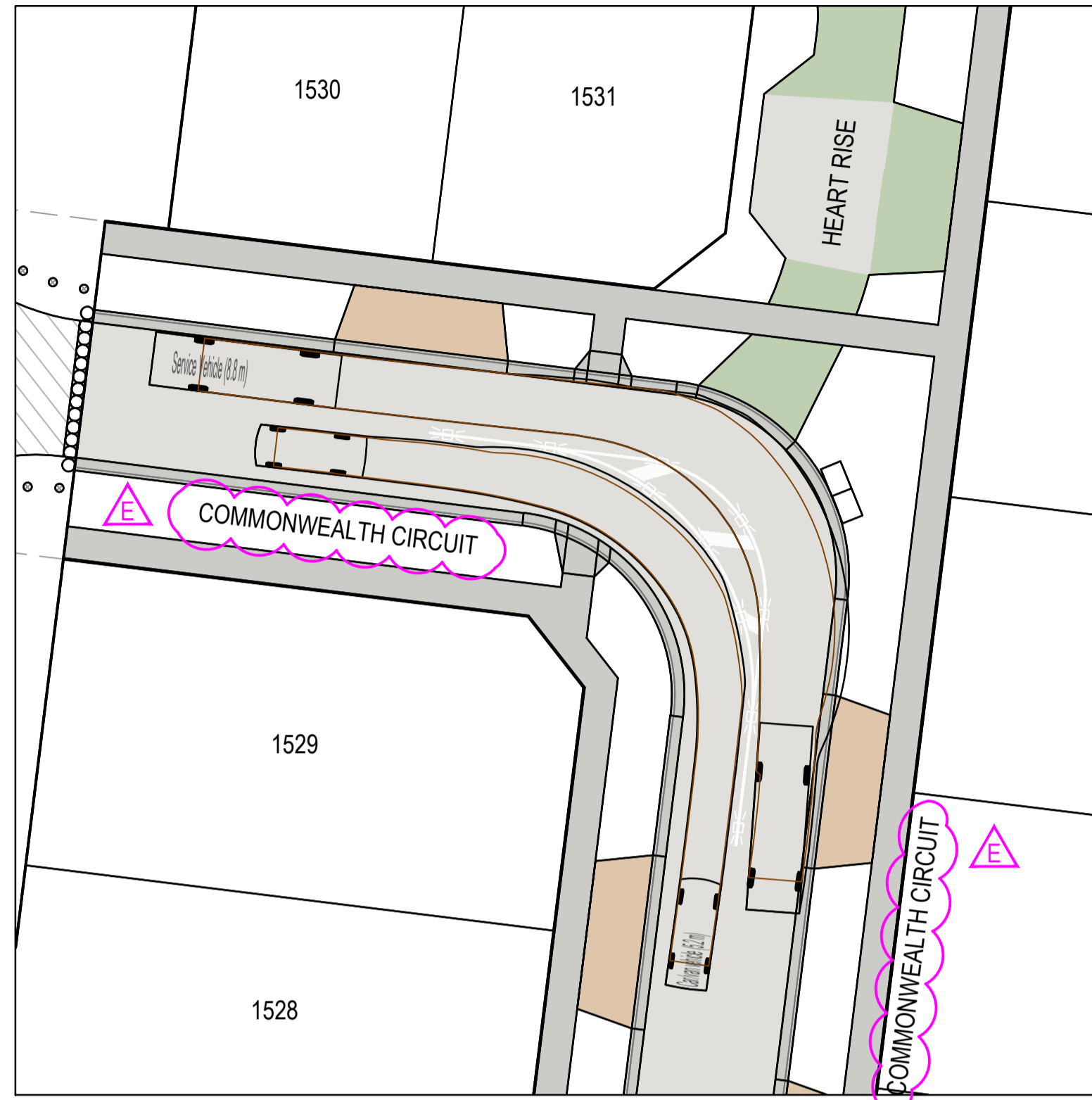


Olivine Estate - Stage 15
 Whittlesea City Council
 Functional Design
 Parking Plan - 2

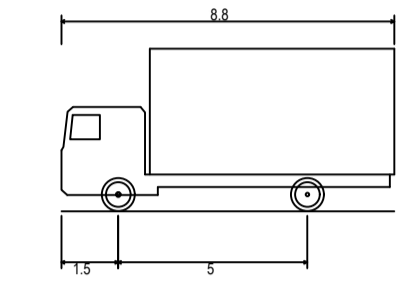
SUBJECT TO APPROVAL



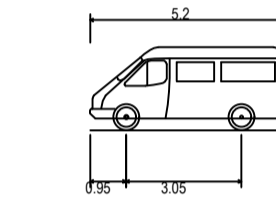
MELWAYS REF 8 M2	PROJECT / DRAWING No. 1700E-15-96	SHEET No. 06 of 07	REVISION E
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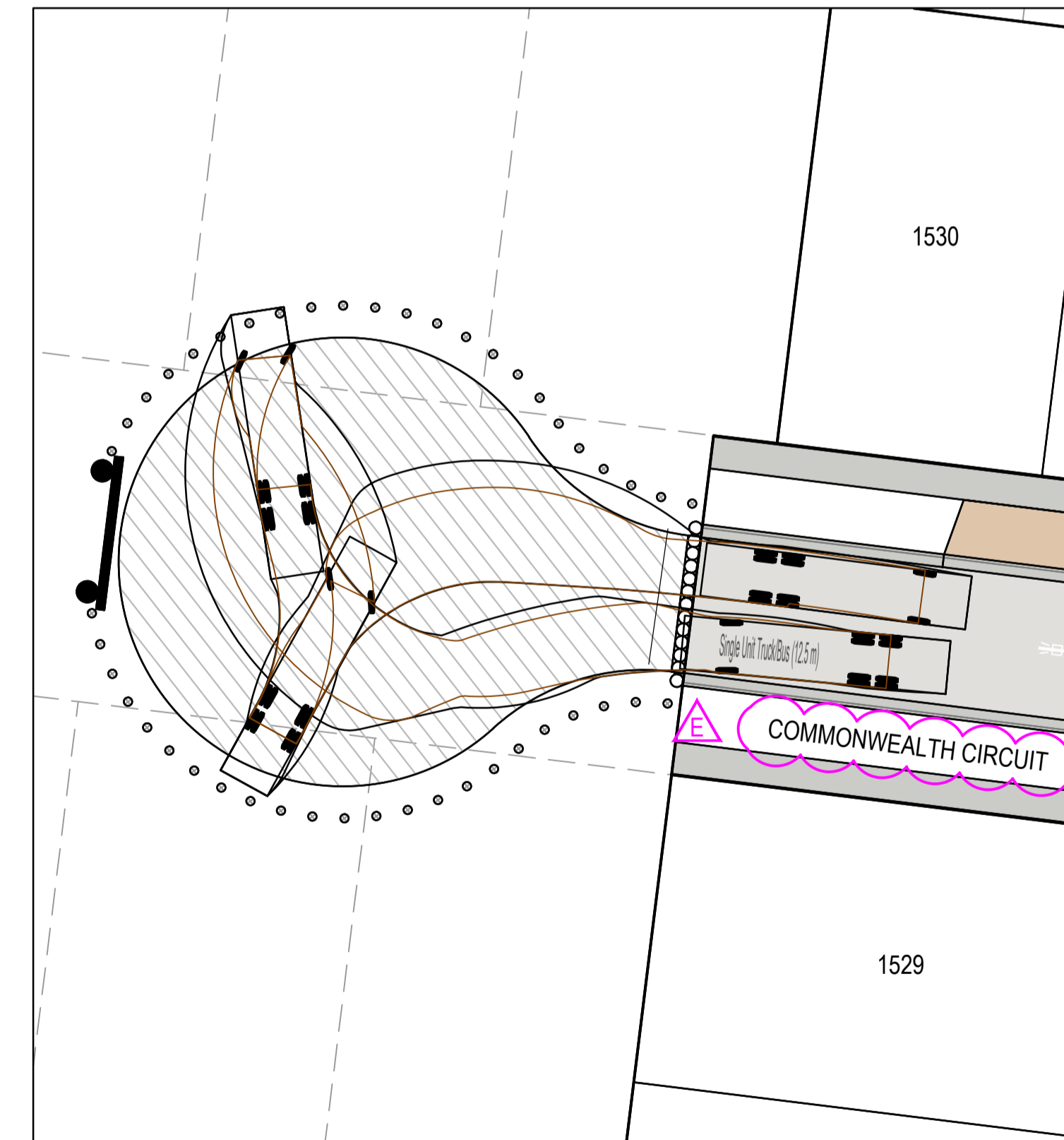
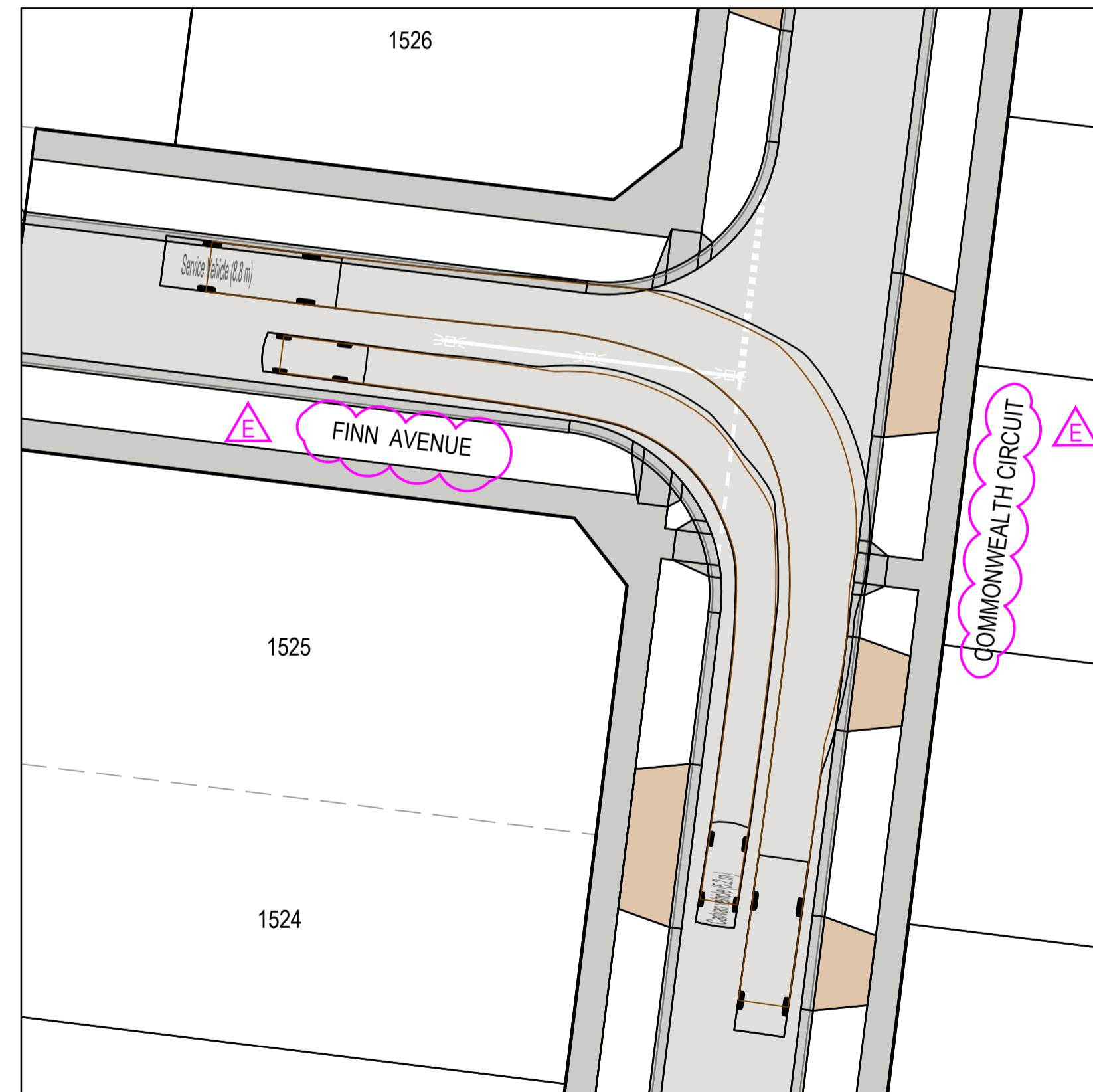
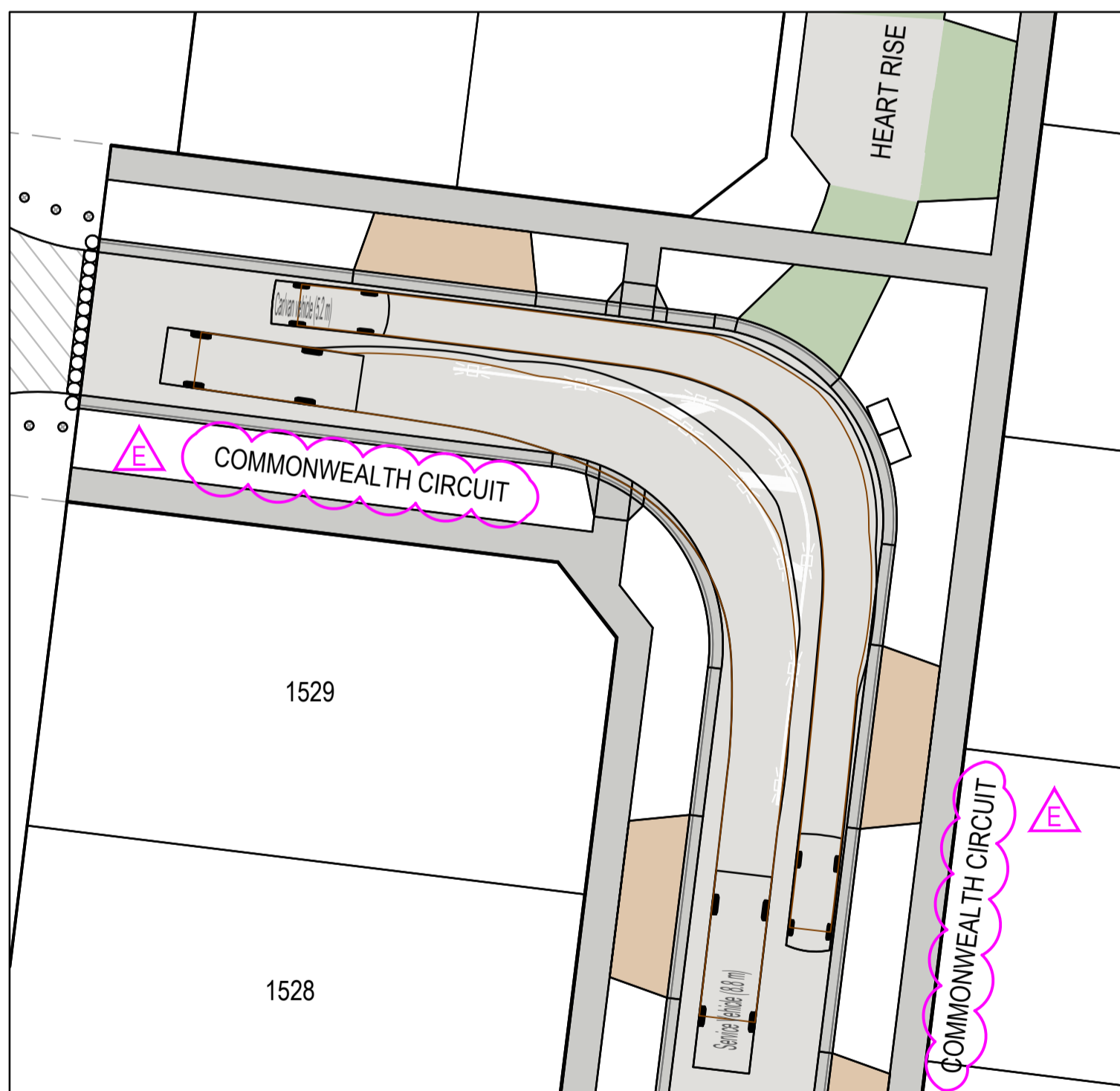
Single Unit Truck/Bus (12.5 m)
 Overall Length 12.500m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.450m
 Track Width 2.500m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 12.500m



Service Vehicle (8.8 m)
 Overall Length 8.800m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.427m
 Track Width 2.500m
 Lock-to-lock time 4.00s
 Curb to Curb Turning Radius 12.500m



Carivan vehicle (5.2 m)
 Overall Length 5.200m
 Overall Width 1.940m
 Overall Body Height 2.200m
 Min Body Ground Clearance 0.312m
 Track Width 1.840m
 Lock-to-lock time 4.00s
 Curb to Curb Turning Radius 6.300m



WARNING
BEWARE OF UNDERGROUND SERVICES
 The locations of underground services are approximate only and their exact position should be proven on site.
 No guarantee is given that all existing services are shown.
 Locate all underground services before commencement of works
DIAL 1100 BEFORE YOU DIG
 www.1100.com.au

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DESIGN	APPROVAL
A	07.02.20	ISSUED TO COUNCIL FOR APPROVAL	SM/SM	AB
B	03.06.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
C	09.10.20	UPDATED PER COUNCIL COMMENTS	SM/BS	AB
D	20.11.20	UPDATED PER COUNCIL COMMENTS	BS/BS	AB
E	18.01.21	ROAD NAMES UPDATED	YS/YS	AB

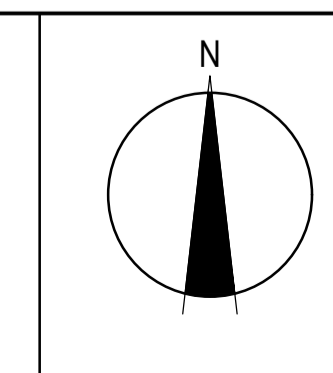
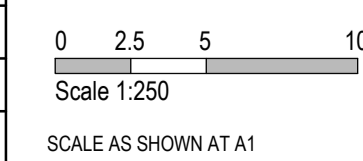
All setting out should be carried out in accordance with MPA/Council's standard drawings or as nominated on hard copy plans provided by SMEC. Any digital information supplied by this office is for information only. Any discrepancies should be discussed with the superintendent.

Quality Management - ISO 9001
 Global-Mark.com.au®

Site Management - AS/NZS 1801
 Global-Mark.com.au®

Environmental Management - ISO 14001
 Global-Mark.com.au®

TITLE	NAME
DRAFTER	S.MacLaren
DESIGNER	S.MacLaren
CHECKED	K.Moore
AUTHORISED	A.Burrows
REFERENCE No. 1	
REFERENCE No. 2	



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mirvac

Olivine Estate - Stage 15
 Whittlesea City Council
 Functional Design
 Vehicle Turning Movements

MELWAYS REF 8 M2	PROJECT / DRAWING No. 1700E-15-97	SHEET No. 07 of 07	REVISION E
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