

OLIVINE ESTATE STAGE 26

GENERAL NOTES (WHITTLESEA CITY COUNCIL)

- THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT COUNCIL STANDARD & EDM DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SURVEILLANCE COORDINATOR OR HIS REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THEY SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
- THE CONTRACTOR SHALL:
 - COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY RULES, AND THE MINES (TRENCHES) REGULATIONS 1982.
 - NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF THEIR INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
 - ENSURE THAT THE MINE MANAGER OR THEIR DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
- THE CONTRACTOR IS TO NOTIFY COUNCIL'S SENIOR SURVEILLANCE ENGINEER AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL ROAD CHANAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHANAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- THE CONTRACTOR SHALL COOPERATE WITH OTHER AUTHORITIES AND SHALL ENSURE THAT ALL SERVICES ARE INSTALLED PRIOR TO THE FINAL PAVEMENT COURSE. THE CONTRACTOR SHALL CHECK WITH THE SUPERINTENDENT THE EXACT LOCATION OF ALL SERVICES PRIOR TO THE INSTALLATION OF CONDUITS.
- ANY EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE COUNCIL REPRESENTATIVE.
- WHEN ENGAGED IN BLASTING OPERATIONS THE CONTRACTOR SHALL NOT BLAST WITHIN 4.5m OF AN EXISTING LINE OF WATER, GAS OR SEWER PIPES OR WITHIN 15m OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE SUPERINTENDENT. BLASTING REQUIRES A BLASTING PERMIT FROM COUNCIL.
- APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING THE CONSTRUCTION AND MAINTENANCE PERIODS.
- THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- ALL TREES AND SHRUBS TO BE RETAINED UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT AUTHORITY BECAUSE ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL. OR REMOVAL IS DIRECTED BY THE AUTHORISED ENGINEER. TREES TO BE REMOVED ARE TO BE SUITABLY LABELLED. WHEN IT IS PROPOSED TO REMOVE EXISTING TREES IN ROAD RESERVES OR COUNCIL RESERVES, CONSULTATION IS TO OCCUR WITH COUNCIL'S PARKS AND GARDENS DEPARTMENT.
- VICROADS ROADWORK SIGNING CODE OF PRACTICE WHICH COMPLIES WITH THE AUSTRALIAN STANDARD 1742.3-2002 IS TO BE ADHERED TO DURING THE CONSTRUCTION WORKS.
- CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. CONDUITS TO BE EXTENDED TO PROPERTY LINE AND ARE REQUIRED WHEN CONNECTIONS EXTEND UNDER ROAD PAVEMENT, FOOTPATH OR OTHER INFRASTRUCTURE. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS H (PROPERTY STORMWATER CONNECTION), E (ELECTRICAL), G (GAS), T (TELEPHONE), W (WATER), R (RECYCLED WATER) AND C (COUNCIL COMMUNICATION) AS PER STANDARD DRAWING EDM 303.
- ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S EARTHWORK SPECIFICATION AND THE EARTHWORKS SECTION OF SMEC'S CONTRACT SPECIFICATION.
- BATTERS INTO ALLOTMENTS SHALL NOT BE STEEPER THAN 1 IN 5 UNLESS NOTED OTHERWISE.
- ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVE AND NATURESTRIPS TO BE STRIPPED OF TOPSOIL AND STOCKPILED PRIOR TO EARTHWORK COMMENCING.
- NO FILLING OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE UNLESS DIRECTED BY THE SUPERINTENDENT.
- NO TOPSOIL TO BE REMOVED FROM SITE UNLESS OTHERWISE APPROVED.
- LOTS SHALL BE EVENLY GRADED TO ENSURE MINIMUM LOT FALLS AS SPECIFIED ON DRAWINGS ARE ACHIEVED.
- ALL DRAINAGE PIPES TO BE CLASS 2 RCP UNLESS NOTED OTHERWISE. ALL DRAINAGE PIPE UP TO AND INCLUDING 750mm IN DIAMETER SHALL BE RUBBER RING JOINTED. PIPES ABOVE THIS SIZE MAY BE FLUSH JOINTED WITH EXTERNAL SEALING BANDS. RUBBER RING PIPES TO BE PRESSURE RESISTANT, I.E. SPECIFIC MANUFACTURERS RUBBER RING TO BE USED, SUITED TO PRESSURE CONDITIONS AND THE PIPES ARE NOT TO HAVE ANY PLUGS.
- ALL PITS GRATER THAN OR EQUAL TO 1000mm DEPTH TO BE PROVIDED WITH STEP IRONS IN ACCORDANCE WITH EDM 609.
- ALL DRAINAGE TRENCHES UNDER ROAD PAVEMENTS, KERB & CHANNEL, PARKING BAYS, DRIVEWAYS, FOOTPATHS AND BEHIND KERBS & CHANNEL SHALL BE BACKFILLED WITH COMPACTED CRUSHED ROCK AS SPECIFIED.
- OFFSETS TO DRAINAGE IN EASEMENTS AS SHOWN ARE TO THE CENTRELINE OF THE DRAIN.
- AG DRAINS TO BE PROVIDED BEHIND ALL KERBS AND SHALL HAVE SUITABLE OUTLET. CONSTRUCTION TO BE IN ACCORDANCE WITH EDM 201 & 202.
- HOUSE DRAINS ARE TO BE CONNECTED DIRECT TO UNDERGROUND DRAIN UNLESS NOTED OTHERWISE.
- PROPERTY INLET PITS AS PER EDM 701-704.
- DRIVEWAYS TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCILS STANDARDS AND CLEAR OF DRAINAGE PITS, SEWER MAINTENANCE HOLES AND EXISTING TREES.
- FOOTPATHS ARE TO BE OFFSET 50mm FROM THE BUILDING LINE.
- ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHOULD BE TO AS1742.2 AND 1742.1 STANDARD RESPECTIVELY. TEMPORARY LINEMARKING TO BE PLACED DURING MAINTENANCE PERIOD PRIOR TO PLACEMENT OF WEARING COURSE. FINAL LINEMARKING TO BE LONG LIFE ROAD MARKING WITH LONGITUDINAL LINES IN THERMOPLASTIC AND TRANSVERSE MARKINGS IN COLD APPLIED.
- UPON COMPLETION OF CONSTRUCTION, THE WHOLE SITE SHALL BE CLEANED UP AND GRADED OVER. ALL RUBBISH IS TO BE REMOVED AND THE SITE IS TO BE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
- ALL SERVICE TRENCHES UNDER FOOTPATH, ROAD PAVEMENTS, VEHICLE CROSSINGS AND OTHER ROAD STRUCTURES ARE TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT COUNCIL AND AUTHORITY STANDARDS.
- FOOTPATHS ARE TO BE CONTINUOUSLY REINFORCED CONCRETE IN ACCORDANCE WITH EDM 401 & 403 UNLESS OTHERWISE SPECIFIED.
- A BUILDING PERMIT MUST BE OBTAINED FOR ANY STRUCTURE/RETAINING WALL EXCEEDING 1.0m IN HEIGHT PRIOR TO COMMENCEMENT OF CONSTRUCTION, IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA. COPY OF BUILDING PERMITS AND 'CERTIFICATE OF COMPLIANCE - CONSTRUCTION' (REGARDLESS OF HEIGHT) FOR ALL COMPONENTS OF RETAINING WALL INCLUDING AG DRAINS TO BE SUBMITTED TO COUNCIL PRIOR TO STATEMENT OF COMPLIANCE.



REV	DRAWING NO.	DRAWING TITLE
C	1700E-026-101	Cover Plan & General Notes
C	1700E-026-111	Layout Plan
B	1700E-026-112	Typical Cross Sections
B	1700E-026-131	Earthworks Plan
C	1700E-026-171	Signage & Linemarking Plan
C	1700E-026-181	Intersection Detail Plan - 1
B	1700E-026-182	Intersection Detail Plan - 2
C	1700E-026-183	Intersection Detail Plan - 3
A	1700E-026-184	Intersection Detail Plan - 4
A	1700E-026-201	Longitudinal Sections - 1
B	1700E-026-202	Longitudinal Sections - 2
A	1700E-026-203	Longitudinal Sections - 3
C	1700E-026-251	Cross Sections: Wimbi Way Ch 277.68 - Ch 442.06
B	1700E-026-252	Cross Sections: Wimbi Way Ch 467.76 - Ch 573.09
B	1700E-026-253	Cross Sections: Wimbi Way Ch 589.09 - Ch 675.56
A	1700E-026-254	Cross Sections: Eucalyptus Parade
B	1700E-026-255	Cross Sections: Punt Way
B	1700E-026-256	Cross Sections: Demesne Drive
A	1700E-026-257	Cross Sections: ValleyMount Circuit, Kirrip Way & Yarding Street
A	1700E-026-301	Drainage Longitudinal Sections - 1
A	1700E-026-302	Drainage Longitudinal Sections - 2
A	1700E-026-303	Drainage Longitudinal Sections - 3
A	1700E-026-304	Drainage Longitudinal Sections - 4
B	1700E-026-351	Pit Schedule
B	1700E-026-411	Pavement Details
A	1700E-026-500	Safety In Design

CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988
PLAN OF SUBDIVISION No: **PS926383S**
HGE
DEVELOPMENT ENGINEER
25/09/2025
DATE APPROVED

ROAD NAME	ROAD RESERVE WIDTH (m)	ROAD WIDTH (m)						KERB TYPE		VERGE WIDTH (m)	
		ROAD WIDTH (m)				NTH/WEST	STH/EAST	NTH/WEST	STH/EAST		
		LIP TO LIP	INV TO INV	BACK TO BACK	BACK TO BACK						
WIMBI WAY (ADJACENT OPEN SPACE)	18.50	5.10 / 9.70	6.00 / 10.60	6.30 / 10.90	B2	B2	2.95 / 5.25	4.95 / 7.25			
WIMBI WAY (LOTS 2634 TO 2653)	22.00	5.10 / 9.70	6.00 / 10.60	6.30 / 10.90	B2	B2	6.45 / 8.75	4.95 / 7.25			
WIMBI WAY (ADJACENT FUTURE WLRB5)	18.50	5.10 / 9.70	6.00 / 10.60	6.30 / 10.90	B2	B2	2.95 / 5.25	4.95 / 7.25			
EUCALYPTUS PARADE	22.00	5.10 / 9.70	6.00 / 10.60	6.30 / 10.90	B2	B2	8.75 / 6.45	7.25 / 4.95			
PUNT WAY	16.00	6.40	7.30	7.60	B2	B2	4.35	4.35			
DEMESNE DRIVE	18.00	6.40	7.30	7.60	B2	B2	5.35	5.35			
YARDING STREET	16.00	6.40	7.30	7.60	B2	B2	4.35	4.35			
KIRRIIP WAY (ADJACENT TO FUTURE WLRB5)	18.50	5.10 / 9.70	6.00 / 10.60	6.30 / 10.90	B2	B2	2.95 / 5.25	4.95 / 7.25			
VALLEYMOUNT CIRCUIT	14.50	6.40	7.30	7.60	B2	B2	2.85	4.35			

ROAD NAME	SERVICES OFFSET TABLE						
	GAS	WATER	RECYCLED WATER	ELECTRICITY	OPTIC FIBRE	TREES*	PUBLIC LIGHTNING POLE**
	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)
WIMBI WAY (ADJACENT OPEN SPACE)	2.10 S	3.50 S	2.75 S	1.00 N	0.30 N	1.60 S BOK	1.10 N BOK
WIMBI WAY (LOTS 2634 TO 2653)	2.10 S	3.50 S	2.75 S	4.00 N	3.30 N	2.70 S & 1.60 N BOK	1.10 N BOK
WIMBI WAY (ADJACENT FUTURE WLRB5)	2.10 S	3.50 S	2.75 S	1.00 N	0.30 N	1.60 S BOK	1.10 N BOK
EUCALYPTUS PARADE	2.10 E	3.25 E	2.65 E	4.30 W	3.35 W	1.60 BOK	1.10 W BOK
PUNT WAY	2.10 E	3.10 E	2.60 E	2.40 W	1.85 W	1.30 BOK	1.10 W BOK
DEMESNE DRIVE	2.10 E	3.10 E	2.60 E	3.10 W	1.85 W	1.80 BOK	1.10 W BOK
YARDING STREET	2.10 N	3.10 N	2.60 N	2.55 S	1.85 S	1.30 BOK	1.10 S BOK
KIRRIIP WAY (ADJACENT TO FUTURE WLRB5)	2.10 W	3.10 W	2.60 W	1.10 E	0.35 E	1.60 W BOK	1.10 E BOK
VALLEYMOUNT CIRCUIT	2.10 E	3.05 E	2.55 E	1.50 W	0.50W	1.60 BOK	1.10 W BOK

WARNING

BEWARE OF UNDERGROUND SERVICES
The location of underground services is approximate only and the exact position should be proven on site. No guarantee is given that all existing services are shown. Contractor to locate all underground services prior to commencement of works.

BEWARE OF ASBESTOS
Underground services may be constructed from asbestos containing material. Contractor to manage potential asbestos hazard in line with relevant authority and EPA standards.

SAFETY MEASURES REQUIRED
For potential risks, consequences and controls refer to Safety In Design Risk Register SID P4.E6. 1700E-026-500

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	DRAWING INDEX UPDATED	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
C	11.08.25	DRAWING INDEX UPDATED	N.SHRESTHA	C.PIERRE	R.KOZUL	A.BURROWS

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

Global-Mark.com.au®

PLAN OF SUB. NO.
PS926383S
PERMIT REF. NO.
717158

SUBJECT TO APPROVAL

0 25 50 100
Scale 1:2500
SCALE AS SHOWN AT A1

smec
an SBC company

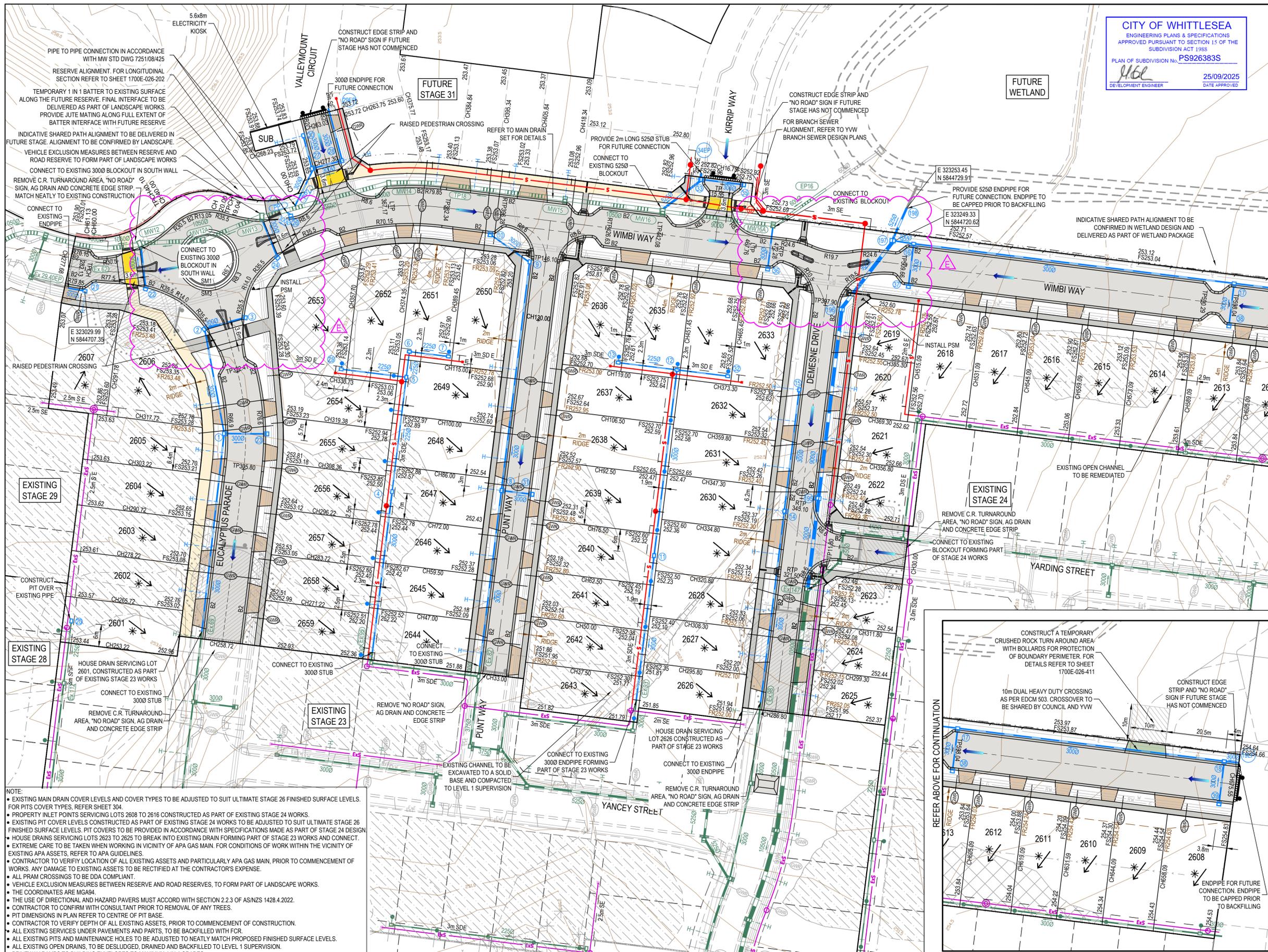
Collins Square, Tower 4, Level 20, 727 Collins St
Melbourne, VIC 3008
Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
Whittlesea City Council
Road and Drainage
Cover Plan & General Notes

MELWAYS REF: 367 G11
PROJECT / DRAWING No: 1700E-026-101
SHEET No: 01 of 26
REVISION: C

LEGEND - LAYOUT PLAN	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	ELECTRICITY (U.GROUND)
	ELECTRICITY (O.HEAD)
	GAS
	TELSTRA
	OPTIC FIBRE
	WATER
	RECYCLE WATER
	AG. DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SWALE DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING HOUSE DRAIN
	EXISTING ELECTRICITY (UNDER GROUND)
	EXISTING ELECTRICITY OVERHEAD
	EXISTING GAS
	EXISTING TELSTRA
	EXISTING OPTIC FIBRE
	EXISTING WATER
	EXISTING RECYCLED WATER
	EXISTING AG. DRAIN
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SWALE DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE HOUSE DRAIN
	FUTURE ELECTRICITY (UNDER GROUND)
	FUTURE ELECTRICITY OVERHEAD
	FUTURE GAS
	FUTURE TELSTRA
	FUTURE OPTIC FIBRE
	FUTURE WATER
	FUTURE RECYCLED WATER
	FUTURE AG. DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	ZERO LOT LINES
	141.34 EXISTING SURFACE LEVEL
	FS140.35 FINISHED BUILDING LINE LEVEL
	FR157.40 FINISHED RIDGE LINE LEVEL
	CH270.00 CHAINAGE
	TW159.60 TOP OF RETAINING WALL LEVEL
	BW159.00 BOTTOM OF RETAINING WALL LEVEL
	EXISTING RETAINING WALL
	RETAINING WALL
	FUTURE RETAINING WALL
	STRUCTURAL FILL > 200mm DEEP
	CUT > 200mm DEEP
	DIRECTION OF FALL
	OVERLAND FLOW
	GRADED IN DIRECTION OF FALL TO LEVEL INDICATED
	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	EXISTING TREE TO BE RETAINED
	EXISTING TREE TO BE REMOVED
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH
	PROPOSED INDUSTRIAL DRIVEWAY
	PROPOSED SHARED FOOTPATH
	PROPOSED ROAD PAVING
	EXISTING ROAD PAVING



NOTE:

- EXISTING MAIN DRAIN COVER LEVELS AND COVER TYPES TO BE ADJUSTED TO SUIT ULTIMATE STAGE 26 FINISHED SURFACE LEVELS. FOR PITS COVER TYPES, REFER SHEET 304.
- PROPERTY INLET POINTS SERVICING LOTS 2608 TO 2616 CONSTRUCTED AS PART OF EXISTING STAGE 24 WORKS.
- EXISTING PIT COVER LEVELS CONSTRUCTED AS PART OF EXISTING STAGE 24 WORKS TO BE ADJUSTED TO SUIT ULTIMATE STAGE 26 FINISHED SURFACE LEVELS. PIT COVERS TO BE PROVIDED IN ACCORDANCE WITH SPECIFICATIONS MADE AS PART OF STAGE 24 DESIGN.
- HOUSE DRAIN SERVICING LOTS 2623 TO 2625 TO BREAK INTO EXISTING DRAIN FORMING PART OF STAGE 23 WORKS AND CONNECT.
- EXTREME CARE TO BE TAKEN WHEN WORKING IN VICINITY OF APA GAS MAIN. FOR CONDITIONS OF WORK WITHIN THE VICINITY OF EXISTING APA ASSETS, REFER TO APA GUIDELINES.
- CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING ASSETS AND PARTICULARLY APA GAS MAIN, PRIOR TO COMMENCEMENT OF WORKS. ANY DAMAGE TO EXISTING ASSETS TO BE RECTIFIED AT THE CONTRACTOR'S EXPENSE.
- ALL PRAM CROSSINGS TO BE DDA COMPLIANT.
- VEHICLE EXCLUSION MEASURES BETWEEN RESERVE AND ROAD RESERVES, TO FORM PART OF LANDSCAPE WORKS.
- THE COORDINATES ARE MGA84.
- THE USE OF DIRECTIONAL AND HAZARD PAVERS MUST ACCORD WITH SECTION 2.2.3 OF AS/NZS 1428.4:2022.
- CONTRACTOR TO CONFIRM WITH CONSULTANT PRIOR TO REMOVAL OF ANY TREES.
- PIT DIMENSIONS IN PLAN REFER TO CENTRE OF PIT BASE.
- CONTRACTOR TO VERIFY DEPTH OF ALL EXISTING ASSETS, PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING SERVICES UNDER PAVEMENTS AND PARTS, TO BE BACKFILLED WITH FCR.
- ALL EXISTING PITS AND MAINTENANCE HOLES TO BE ADJUSTED TO NEATLY MATCH PROPOSED FINISHED SURFACE LEVELS.
- ALL EXISTING OPEN DRAINS, TO BE DESLUDGED, DRAINED AND BACKFILLED TO LEVEL 1 SUPERVISION.
- DRIVEWAY RAMPS TO BUILDING ENVELOPES TO MAXIMUM 1 IN 4 GRADES.

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	LOT LEVELS ADJUSTED FOLLOWING COUNCIL COMMENTS	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
C	11.08.25	COUNCIL COMMENTS DATED 24.07.25	N.SHRESTHA	C.PIERRE	R.KOZUL	A.BURROWS
D	01.09.25	RAISED PAVEMENT AMENDED	K.KANG	C.PIERRE	R.KOZUL	G.CORREIA
E	12.09.25	KERBS, FOOTPATH CROSSING AMENDED	K.KANG	C.PIERRE	T.MOTET	G.CORREIA

PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158

SUBJECT TO APPROVAL

Scale 1:500
 SCALE AS SHOWN AT A1

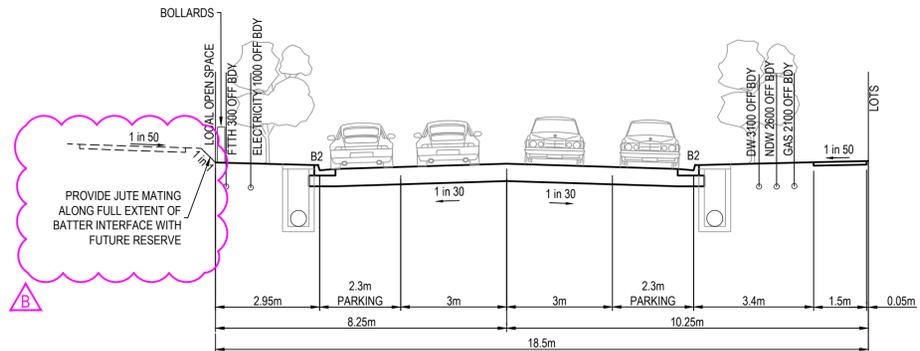
smec
 an **si** company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

mirvac

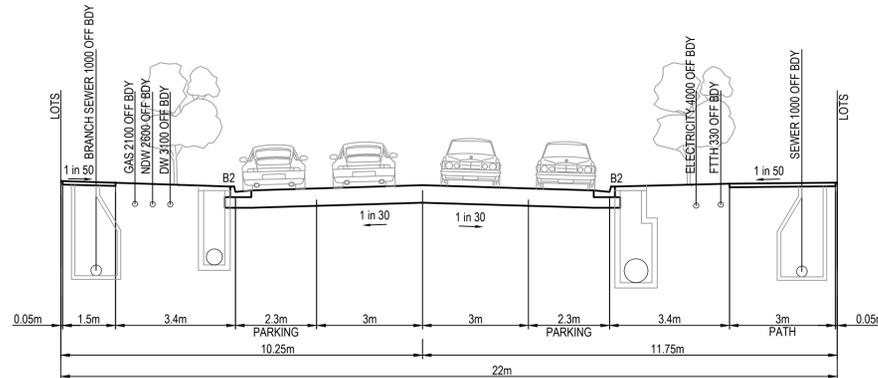
Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Layout Plan

MELBAYS REF: 367 G11
 PROJECT / DRAWING No: 1700E-026-111
 SHEET No: 02 of 26
 REVISION: E

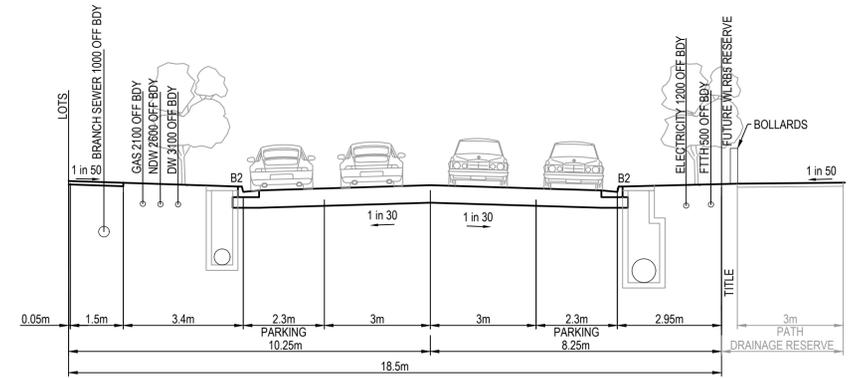
WARNING
BEWARE OF UNDERGROUND SERVICES
 The locations of underground services are approximate only and their exact position should be proven on site.
 No guarantee is given that all existing services are shown.
 Locate all underground services before commencement of works
DIAL 1100 BEFORE YOU DIG
 www.1100.com.au



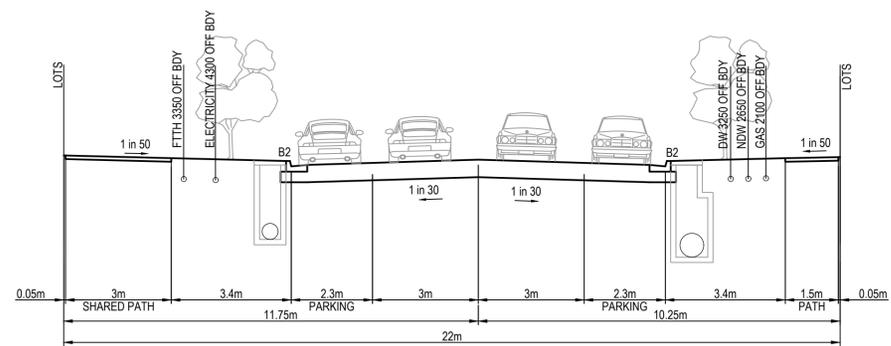
18.5m ACCESS STREET
 WIMBI WAY
 (ADJACENT OPEN SPACE)



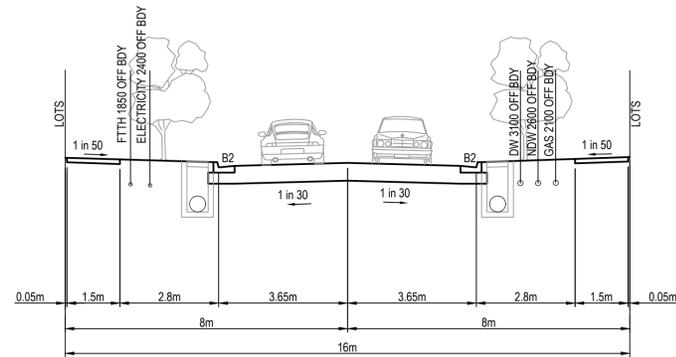
22m ACCESS STREET
 WIMBI WAY



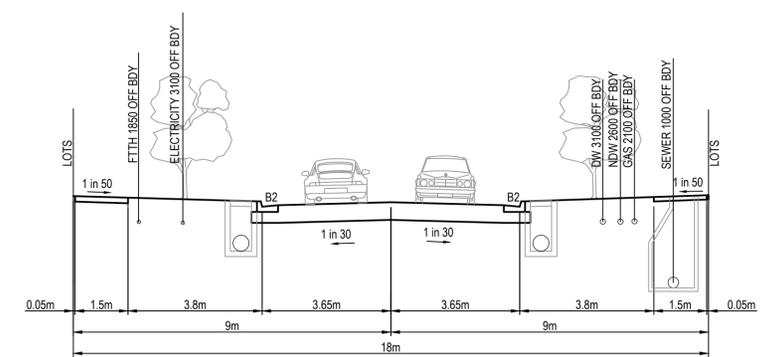
18.5m ACCESS STREET
 WIMBI WAY
 (ADJACENT TO FUTURE WLRB5 RESERVE)



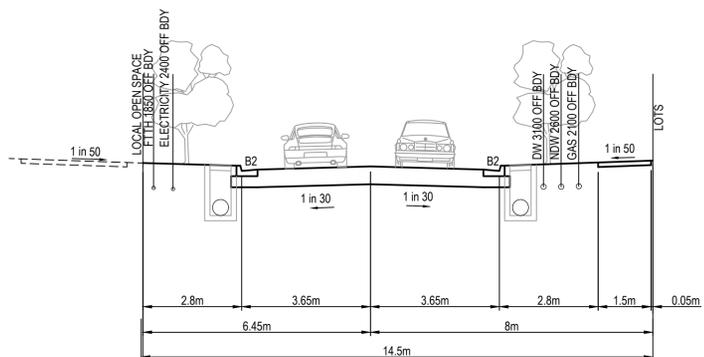
22m ACCESS STREET
 EUCALYPTUS PARADE



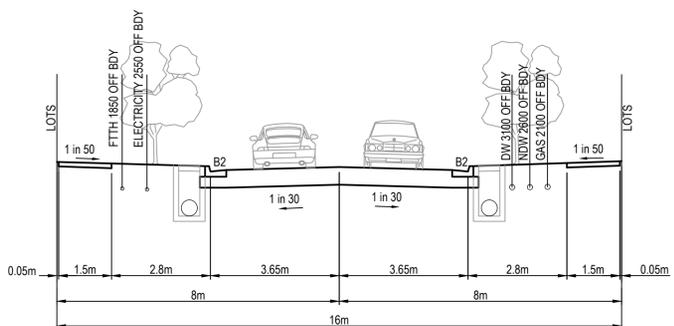
16m ACCESS STREET
 PUNT WAY



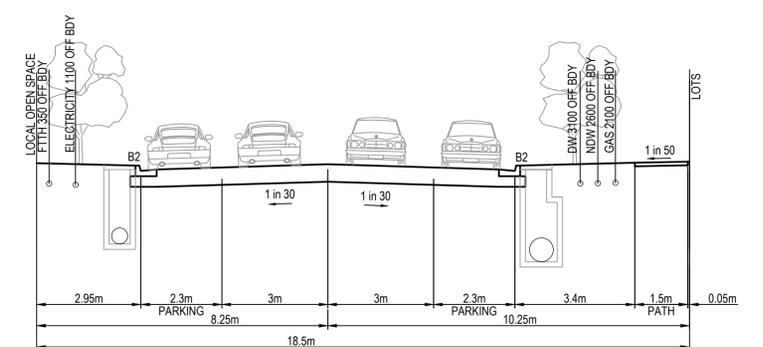
18m ACCESS STREET
 DEMESNE DRIVE



14.5m ACCESS STREET
 VALLEMOUNT CIRCUIT



16m ACCESS STREET
 YARDING STREET



22m ACCESS STREET
 KIRRIIP WAY

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	11.08.25	WIMBI WAY TYPICAL SECTION AMENDED	N.SHRESTHA	C.PIERRE	R.KOZUL	A.BURROWS

PLAN OF SUB. NO.
 PS926383S
 PERMIT REF. NO.
 717158

SUBJECT TO APPROVAL

SCALE AS SHOWN AT A1

smec
 an **si** company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Typical Cross Sections

MELWAYS REF: 367 G11
 PROJECT / DRAWING No: 1700E-026-112
 SHEET No: 03 of 26
 REVISION: B

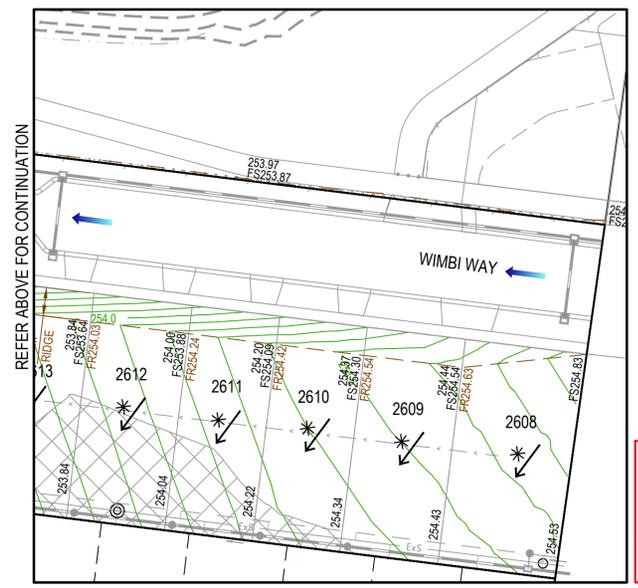
CITY OF WHITTLESEA
 ENGINEERING PLANS & SPECIFICATIONS
 APPROVED PURSUANT TO SECTION 15 OF THE
 SUBDIVISION ACT 1988
 PLAN OF SUBDIVISION No. **PS926383S**
 DEVELOPMENT ENGINEER: *[Signature]* DATE APPROVED: 25/09/2025



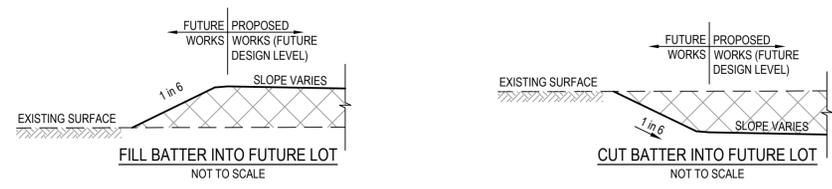
LEGEND - EARTHWORKS PLAN
 ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	ELECTRICITY (U.GROUND)
	ELECTRICITY (O.HEAD)
	GAS
	TELSTRA
	OPTIC FIBRE
	WATER
	RECYCLE WATER
	AG. DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SWALE DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING HOUSE DRAIN
	EXISTING ELECTRICITY (UNDER GROUND)
	EXISTING ELECTRICITY OVERHEAD
	EXISTING GAS
	EXISTING TELSTRA
	EXISTING OPTIC FIBRE
	EXISTING WATER
	EXISTING RECYCLED WATER
	EXISTING AG. DRAIN
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SWALE DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE HOUSE DRAIN
	FUTURE ELECTRICITY (UNDER GROUND)
	FUTURE ELECTRICITY OVERHEAD
	FUTURE GAS
	FUTURE TELSTRA
	FUTURE OPTIC FIBRE
	FUTURE WATER
	FUTURE RECYCLED WATER
	FUTURE AG. DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	ZERO LOT LINES
	141.34 EXISTING SURFACE LEVEL
	FS140.35 FINISHED BUILDING LINE LEVEL
	FR157.40 FINISHED RIDGE LINE LEVEL
	CH270.00 CHAINAGE
	TW159.60 TOP OF RETAINING WALL LEVEL
	BW159.00 BOTTOM OF RETAINING WALL LEVEL
	EXISTING RETAINING WALL
	RETAINING WALL
	FUTURE RETAINING WALL
	STRUCTURAL FILL > 200mm DEEP
	CUT > 200mm DEEP
	DIRECTION OF FALL
	OVERLAND FLOW
	GRADED IN DIRECTION OF FALL TO LEVEL INDICATED
	EDGE STRIP, SUBSOIL DRAIN, 'NO ROAD' SIGN & BARRIER
	EXISTING TREE TO BE RETAINED
	EXISTING TREE TO BE REMOVED
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH
	PROPOSED INDUSTRIAL DRIVEWAY
	PROPOSED SHARED FOOTPATH
	PROPOSED ROAD PAVING
	EXISTING ROAD PAVING

REFER BELOW FOR CONTINUATION



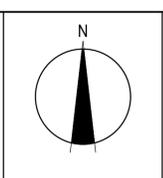
REFER ABOVE FOR CONTINUATION



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

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	LOT LEVELS ADJUSTED FOLLOWING COUNCIL COMMENTS	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

Quality Management ISO 9001
 OHS Management AS/NZS 4801
 Environmental Management ISO 14001
 PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158
SUBJECT TO APPROVAL



smec
 an **si** company
 © ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

mirvac

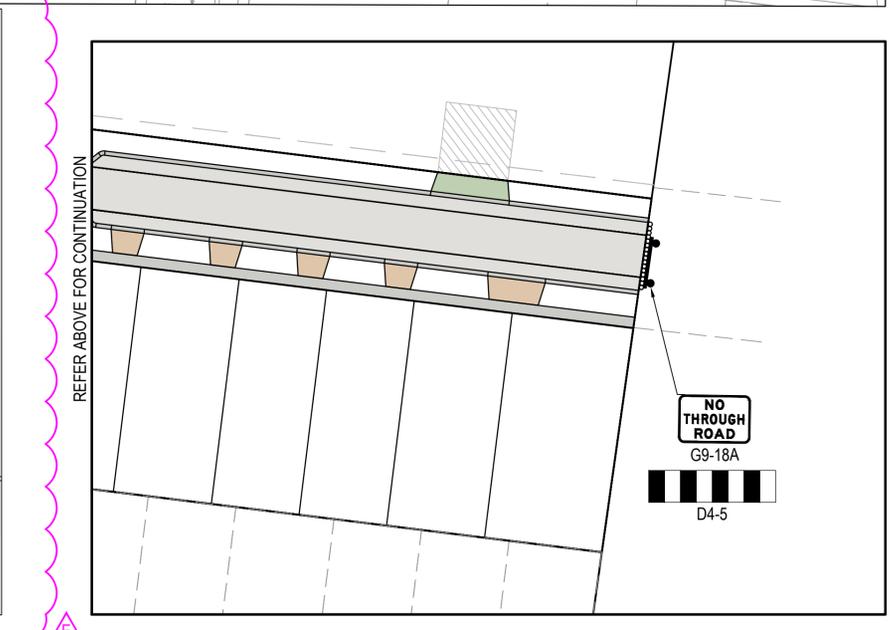
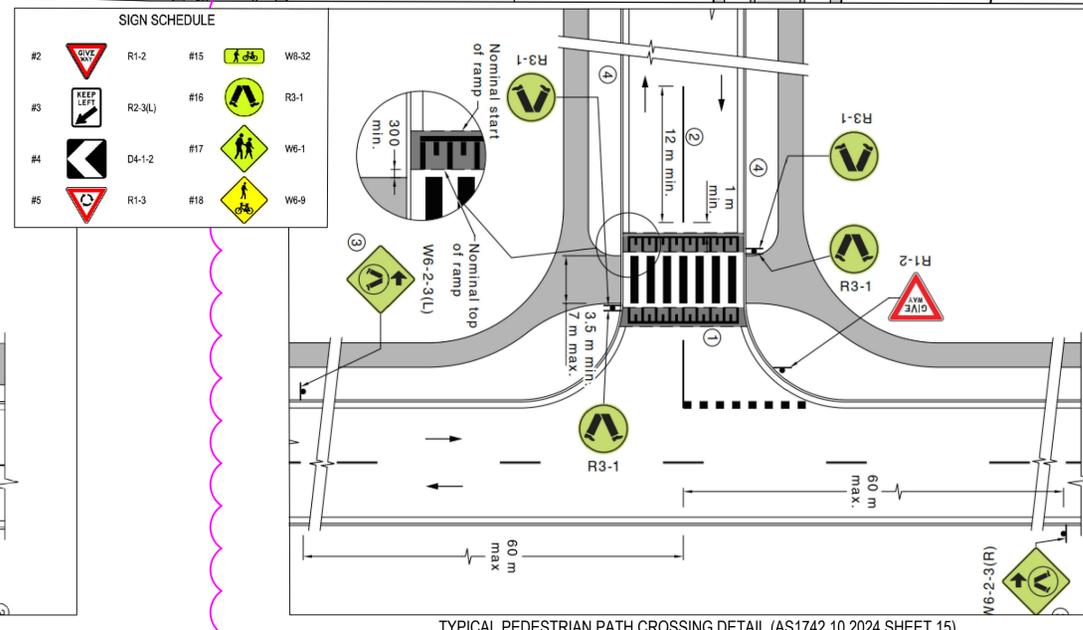
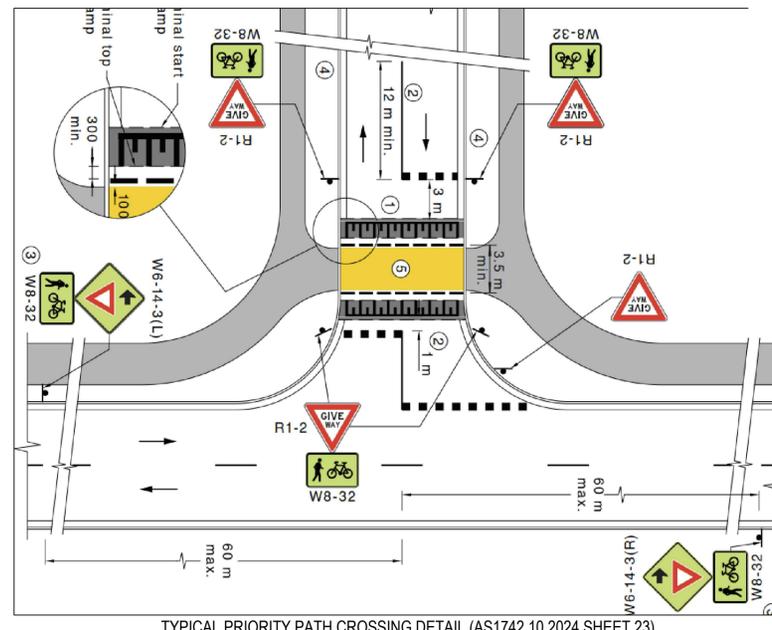
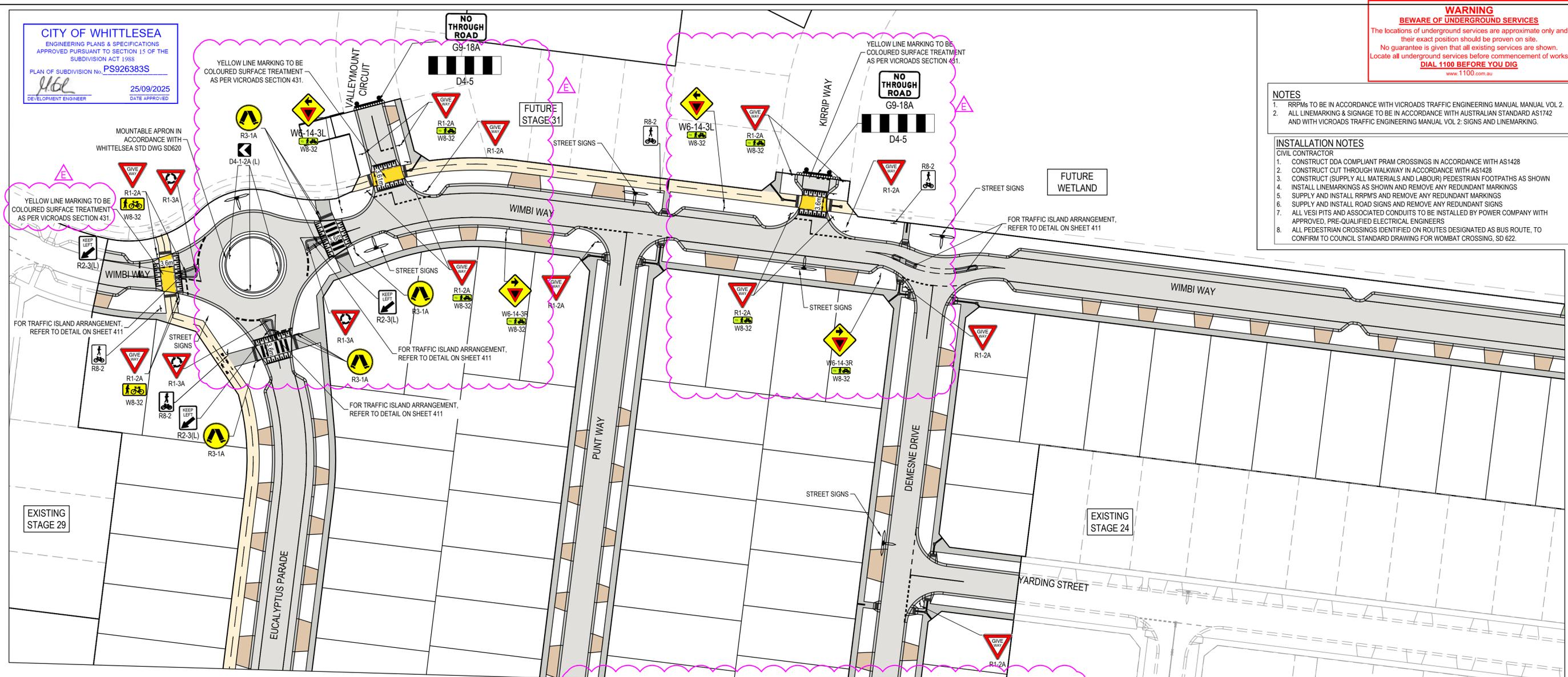
Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Earthworks Plan

MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-131	SHEET No. 04 of 26	REVISION B
-------------------------------	---	------------------------------	----------------------

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

NOTES
 1. RRPMS TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOL 2.
 2. ALL LINEMARKING & SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742 AND WITH VICROADS TRAFFIC ENGINEERING MANUAL VOL 2: SIGNS AND LINEMARKING.

INSTALLATION NOTES
 CIVIL CONTRACTOR
 1. CONSTRUCT DDA COMPLIANT PRAM CROSSINGS IN ACCORDANCE WITH AS1428
 2. CONSTRUCT CUT THROUGH WALKWAY IN ACCORDANCE WITH AS1428
 3. CONSTRUCT (SUPPLY ALL MATERIALS AND LABOUR) PEDESTRIAN FOOTPATHS AS SHOWN
 4. INSTALL LINEMARKINGS AS SHOWN AND REMOVE ANY REDUNDANT MARKINGS
 5. SUPPLY AND INSTALL RRPMS AND REMOVE ANY REDUNDANT MARKINGS
 6. SUPPLY AND INSTALL ROAD SIGNS AND REMOVE ANY REDUNDANT SIGNS
 7. ALL VESI PITS AND ASSOCIATED CONDUITS TO BE INSTALLED BY POWER COMPANY WITH APPROVED, PRE-QUALIFIED ELECTRICAL ENGINEERS
 8. ALL PEDESTRIAN CROSSINGS IDENTIFIED ON ROUTES DESIGNATED AS BUS ROUTE, TO CONFIRM TO COUNCIL STANDARD DRAWING FOR WOMBAT CROSSING, SD 622.



SIGN SCHEDULE

#2	R1-2	#15	W8-32
#3	R2-3(L)	#16	R3-1
#4	D4-1-2	#17	W8-1
#5	R1-3	#18	W8-9

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	INSET DETAIL ADDED, LINEMARKING ADDED TO SHARED PATH	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
C	11.08.25	COUNCIL COMMENTS DATED 24.07.25	N.SHRESTHA	C.PIERRE	R.KOZUL	A.BURROWS
D	01.09.25	RAISED PAVEMENT AMENDED	K.KANG	C.PIERRE	R.KOZUL	G.CORREIA
E	12.09.25	TYPICAL DETAIL ADDED & SIGNAGES AMENDED	K.KANG	C.PIERRE	T.MOTET	G.CORREIA

PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158
SUBJECT TO APPROVAL

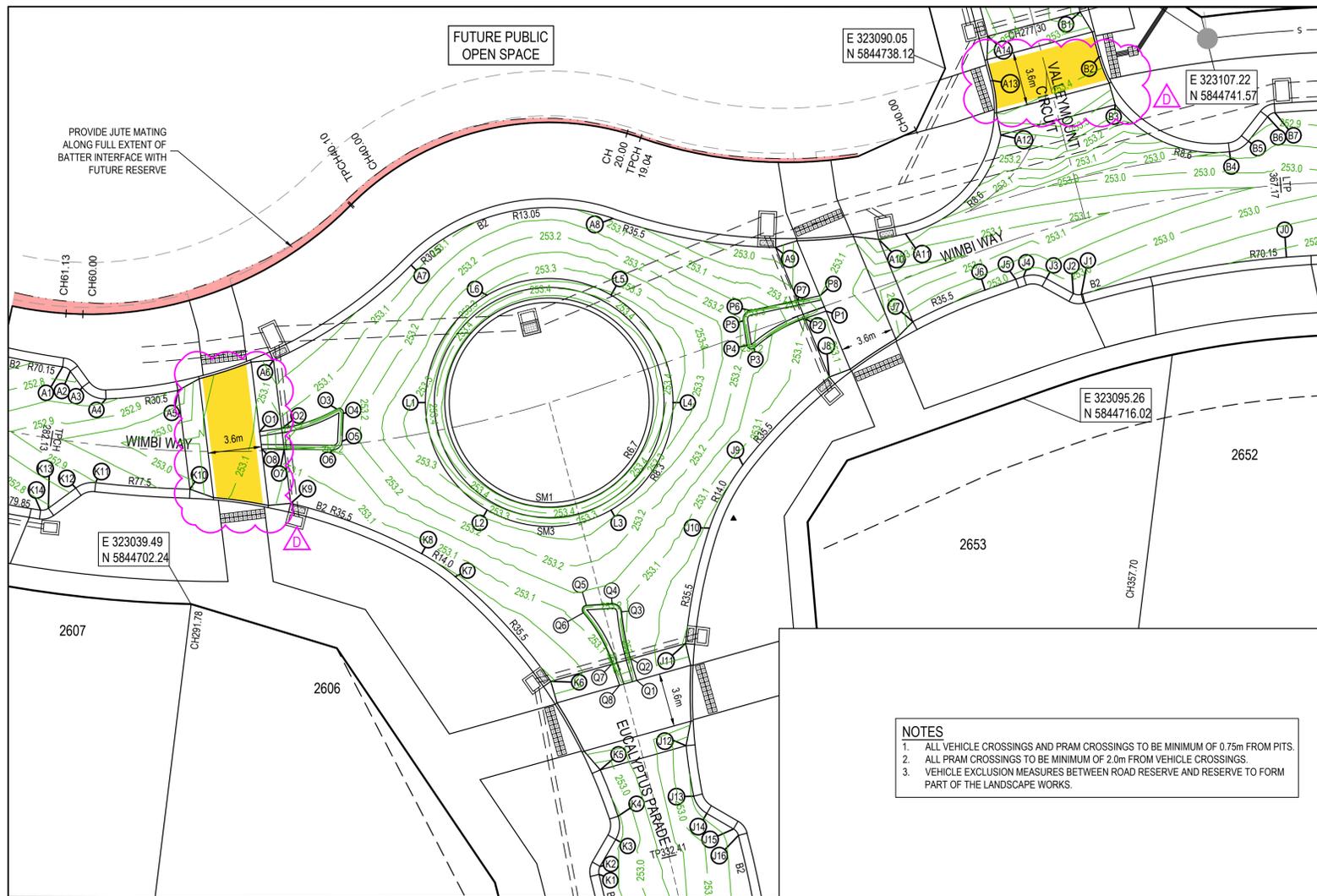
Scale 1:500
 SCALE AS SHOWN AT 1

smec
 an **sl** company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Signage & Linemarking Plan

MELWAYS REF: 367 G11
 PROJECT / DRAWING No: 1700E-026-171
 SHEET No: 05 of 26
 REVISION: E



RAISED PAVEMENT

HORIZONTAL GEOMETRY	VERTICAL GEOMETRY	DATUM RL252	DESIGN LEVEL	EXISTING SURFACE	NORTHING	EASTING	CHAINAGE
R=0.70m HC	0.5%	253.00	252.99	252.87	5844684.70	3230665.93	0.00
R=1.90m HC	0.5%	253.00	252.99	252.90	5844684.70	3230665.93	0.50
R=35.45m HC	0.5%	253.00	252.99	252.92	5844686.51	3230667.95	2.04
R=35.00m HC	0.5%	253.00	252.99	252.96	5844688.06	3230668.11	4.25
R=35.45m HC	0.5%	253.00	252.99	253.04	5844691.16	3230669.92	7.58
R=13.95m HC	0.5%	253.00	252.99	253.06	5844692.42	3230665.83	8.81
R=35.45m HC	0.5%	253.00	252.99	253.15	5844695.65	3230664.02	12.84
R=13.95m HC	0.5%	253.00	252.99	253.19	5844697.09	3230663.60	14.44
R=35.45m HC	0.5%	253.00	252.99	253.09	5844705.63	3230654.94	26.69
R=35.00m HC	0.5%	253.00	252.99	253.42	5844706.85	3230652.49	29.43
R=35.45m HC	0.5%	253.00	252.99	253.43	5844707.62	3230650.64	31.43
R=7.75m HC	0.5%	253.00	252.99	253.44	5844708.28	3230648.76	33.43
R=35.45m HC	0.5%	253.00	252.99	253.45	5844709.01	3230646.17	36.12
R=35.00m HC	0.5%	253.00	252.99	253.47	5844708.87	3230644.67	37.52
R=7.75m HC	0.5%	253.00	252.99	253.10	5844709.45	323040.92	41.52
R=35.45m HC	0.5%	253.00	252.99	253.54	5844702.26	323039.41	43.02
R=35.45m HC	0.5%	253.00	252.99	253.55	5844703.95	323038.64	44.52
R=35.45m HC	0.5%	253.00	252.99	253.55	5844710.06	323036.80	45.63
R=35.45m HC	0.5%	253.00	252.99	253.56	5844710.15	323035.55	46.88
R=35.45m HC	0.5%	253.00	252.99	253.57	5844710.26	323034.31	48.13
R=35.45m HC	0.5%	253.00	252.99	253.57	5844710.38	323033.08	49.38
R=35.45m HC	0.5%	253.00	252.99	253.57	5844710.50	323031.84	50.63
R=35.45m HC	0.5%	253.00	252.99	253.57	5844710.62	323030.60	51.88
R=35.45m HC	0.5%	253.00	252.99	253.57	5844710.74	323029.36	53.13
R=35.45m HC	0.5%	253.00	252.99	253.57	5844710.86	323028.12	54.38
R=35.45m HC	0.5%	253.00	252.99	253.57	5844710.98	323026.88	55.63

- NOTES**
- ALL VEHICLE CROSSINGS AND PRAM CROSSINGS TO BE MINIMUM OF 0.75m FROM PITS.
 - ALL PRAM CROSSINGS TO BE MINIMUM OF 2.0m FROM VEHICLE CROSSINGS.
 - VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF THE LANDSCAPE WORKS.

CITY OF WHITTLESEA
 ENGINEERING PLANS & SPECIFICATIONS
 APPROVED PURSUANT TO SECTION 15 OF THE
 SUBDIVISION ACT 1988
 PLAN OF SUBDIVISION No. **PS926383S**

 DEVELOPMENT ENGINEER
 25/09/2025
 DATE APPROVED

LEGEND - INTERSECTION DETAIL PLAN
 ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE HOUSE DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	EXISTING RETAINING WALL
	RETAINING WALL
	FUTURE RETAINING WALL
	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH

RAISED PAVEMENT

HORIZONTAL GEOMETRY	VERTICAL GEOMETRY	DATUM RL252	DESIGN LEVEL	EXISTING SURFACE	NORTHING	EASTING	CHAINAGE
R=0.70m HC	1.5%	253.00	252.79	253.77	5844718.13	323030.87	0.00
R=1.90m HC	1.5%	253.00	252.81	253.76	5844717.85	323031.39	0.61
R=30.00m HC	0.5%	253.00	252.84	253.72	5844716.77	323032.18	1.95
R=30.45m HC	0.5%	253.00	252.84	253.69	5844715.99	323033.78	3.79
R=30.00m HC	0.5%	253.00	252.91	253.70	5844716.56	323036.61	6.66
R=30.45m HC	0.5%	253.00	252.91	253.72	5844717.35	323040.02	9.78
R=30.00m HC	0.5%	253.00	252.94	253.78	5844718.46	323043.51	13.77
R=30.45m HC	0.5%	253.00	252.94	253.81	5844718.80	323045.01	15.45
R=30.00m HC	0.5%	253.00	252.94	253.79	5844718.63	323045.52	16.02
R=30.45m HC	0.5%	253.00	252.94	253.74	5844724.95	323054.23	26.71
R=30.00m HC	0.5%	253.00	252.91	253.70	5844729.48	323060.59	34.08
R=30.45m HC	0.5%	253.00	252.91	253.64	5844728.80	323063.57	37.08
R=30.00m HC	0.5%	253.00	252.91	253.64	5844728.80	323063.57	37.08
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.44	323066.54	40.08
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.45m HC	0.5%	253.00	252.91	253.59	5844728.08	323067.76	41.35
R=30.00m HC	0.5%	253.00	252.91				

NOTES

1. ALL VEHICLE CROSSINGS AND PRAM CROSSINGS TO BE MINIMUM OF 0.75m FROM PITS.
2. ALL PRAM CROSSINGS TO BE MINIMUM OF 2.0m FROM VEHICLE CROSSINGS.
3. VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF THE LANDSCAPE WORKS.

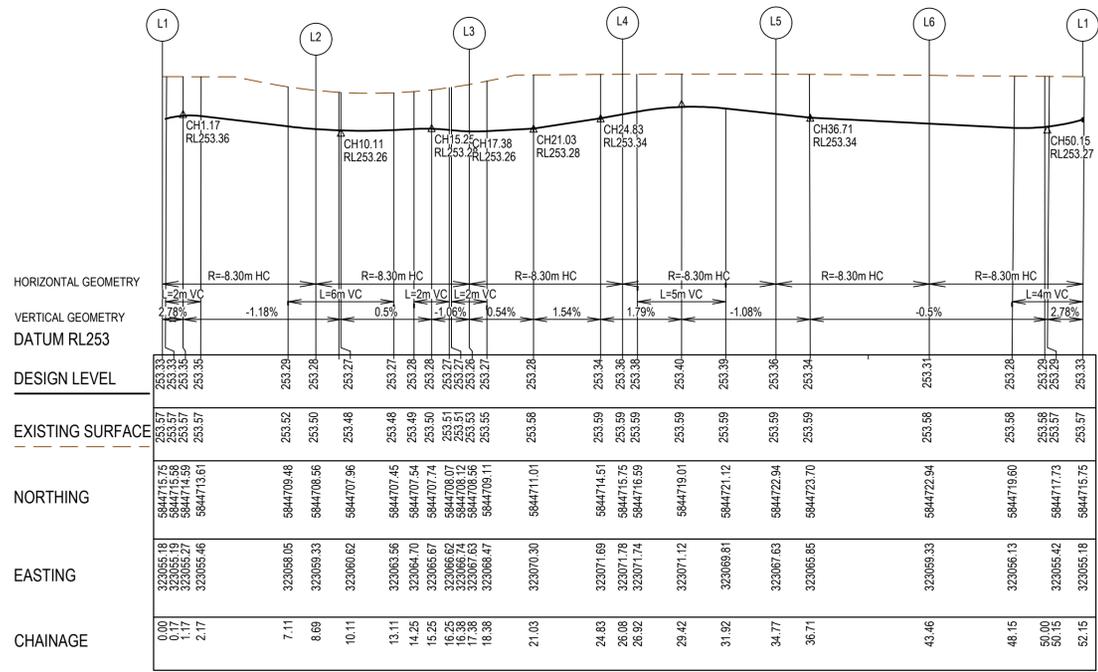


LIP LINE J

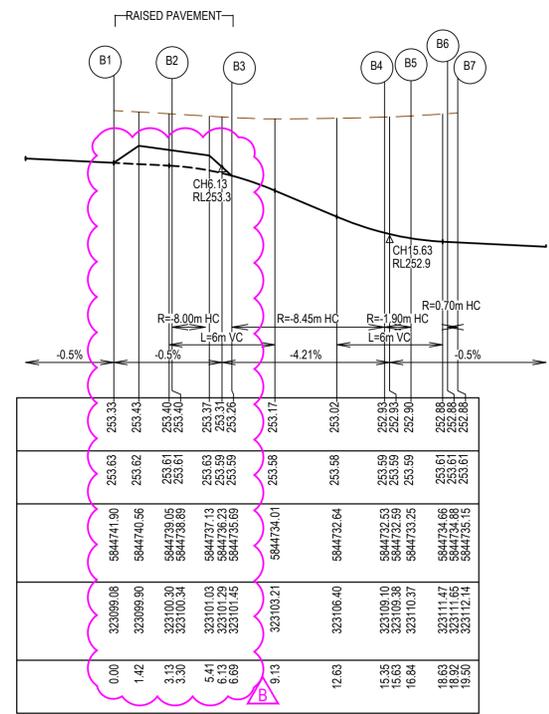
LEGEND - INTERSECTION DETAIL PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE HOUSE DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	EXISTING RETAINING WALL
	RETAINING WALL
	FUTURE RETAINING WALL
	EDGE STRIP, SUBSOIL DRAIN, 'NO ROAD' SIGN & BARRIER
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH

CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988
PLAN OF SUBDIVISION No: **PS926383S**
HGE 25/09/2025
DEVELOPMENT ENGINEER DATE APPROVED

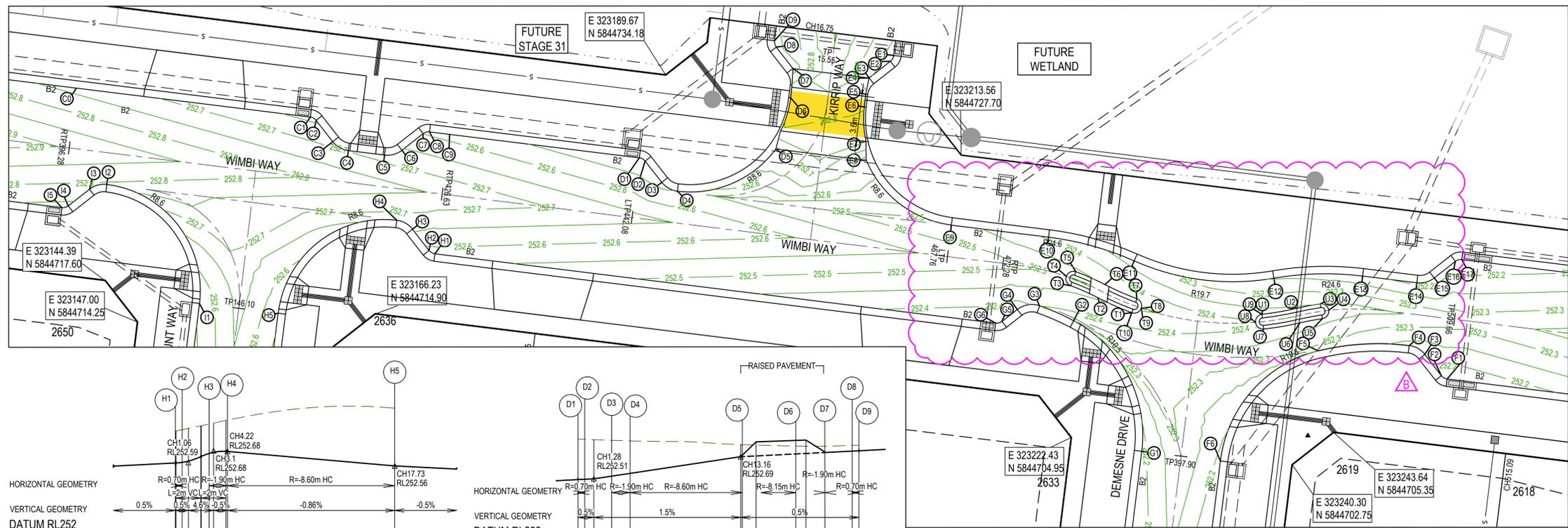


LIP LINE L



LIP LINE B

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER	 PLAN OF SUB. NO. PS926383S PERMIT REF. NO. 717158	 Scale H1:200, V1:20 Scale 1:200 SCALE AS SHOWN AT A1		 an company ABN 47 065 475 149 Collins Square, Tower 4, Level 20, 727 Collins St Melbourne, VIC 3008 Ph 03 9514 1500		Olivine Estate - Stage 26 Whittlesea City Council Road and Drainage Intersection Detail Plan - 2	
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS						MELWAYS REF 367 G11	PROJECT / DRAWING No 1700E-026-182



- NOTES**
1. ALL VEHICLE CROSSINGS AND PRAM CROSSINGS TO BE MINIMUM OF 0.75m FROM PITS.
 2. ALL PRAM CROSSINGS TO BE MINIMUM OF 2.0m FROM VEHICLE CROSSINGS.
 3. VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF THE LANDSCAPE WORKS.

LEGEND - INTERSECTION DETAIL PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE HOUSE DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	EXISTING RETAINING WALL
	RETAINING WALL
	FUTURE RETAINING WALL
	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH

LIP LINE H

HORIZONTAL GEOMETRY	R=0.70m HC R=1.90m HC R=8.60m HC
VERTICAL GEOMETRY	0.5% 0.5% 4.6% 0.5% -0.86%
DATUM RL252	
DESIGN LEVEL	252.50 252.51 252.52 252.53 252.54 252.55 252.56
EXISTING SURFACE	252.84 252.85 252.86 252.87 252.88 252.89 253.02
NORTHING	5844719.75 5844720.05 5844720.42 5844720.80 5844721.20 5844721.60 5844722.00
EASTING	323171.03 323170.59 323170.25 323169.84 323169.43 323169.03 323168.63
CHAINAGE	0.00 0.06 0.56 1.06 1.56 2.06 2.56

LIP LINE D

HORIZONTAL GEOMETRY	R=0.70m HC R=1.90m HC R=8.60m HC R=8.15m HC R=1.90m HC R=0.70m HC
VERTICAL GEOMETRY	0.5% 1.5% 0.5%
DATUM RL252	
DESIGN LEVEL	252.50 252.51 252.52 252.53 252.54 252.55 252.56
EXISTING SURFACE	252.83 252.84 252.85 252.86 252.87 252.88 252.89
NORTHING	5844727.49 5844728.09 5844728.69 5844729.29 5844729.89 5844730.49 5844731.09
EASTING	323187.56 323188.16 323188.76 323189.36 323189.96 323190.56 323191.16
CHAINAGE	0.00 1.26 2.73 4.22 13.16 17.60 22.15

CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988
PLAN OF SUBDIVISION No. **PS926383S**
DATE APPROVED: 25/09/2025

LIP LINE C

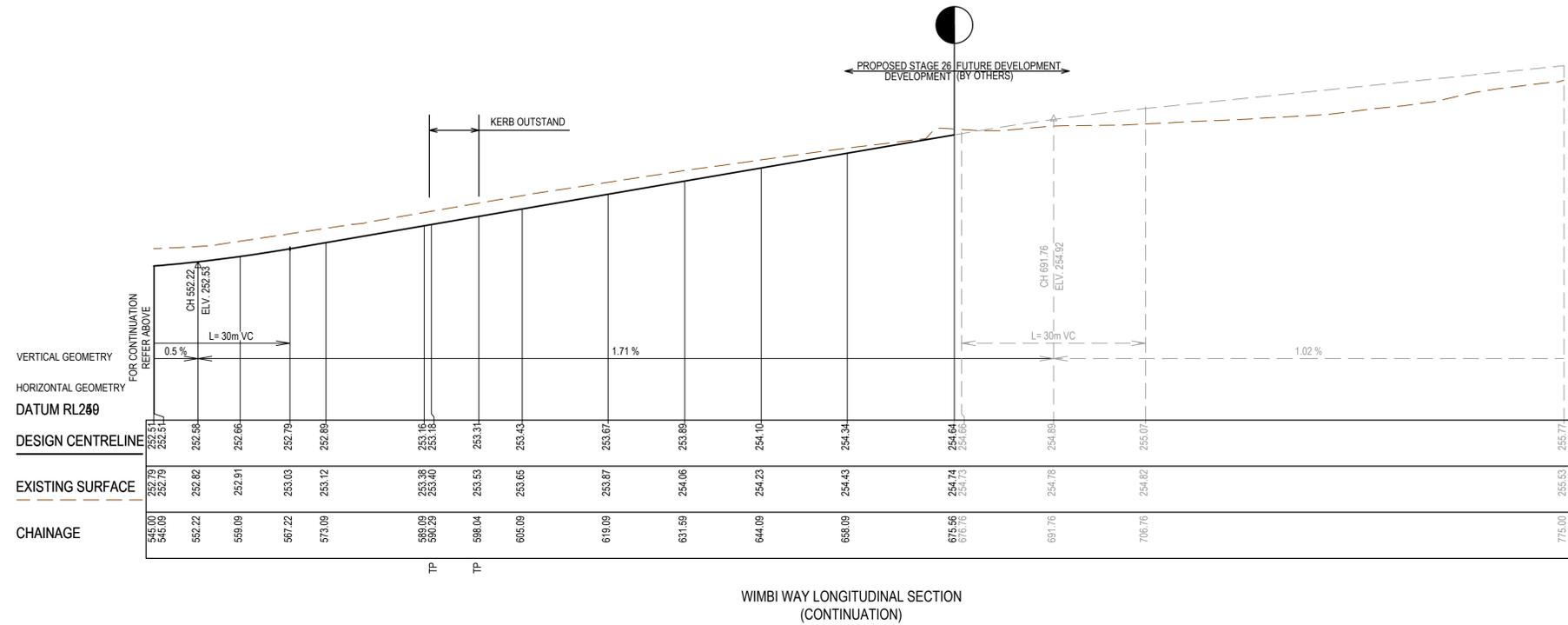
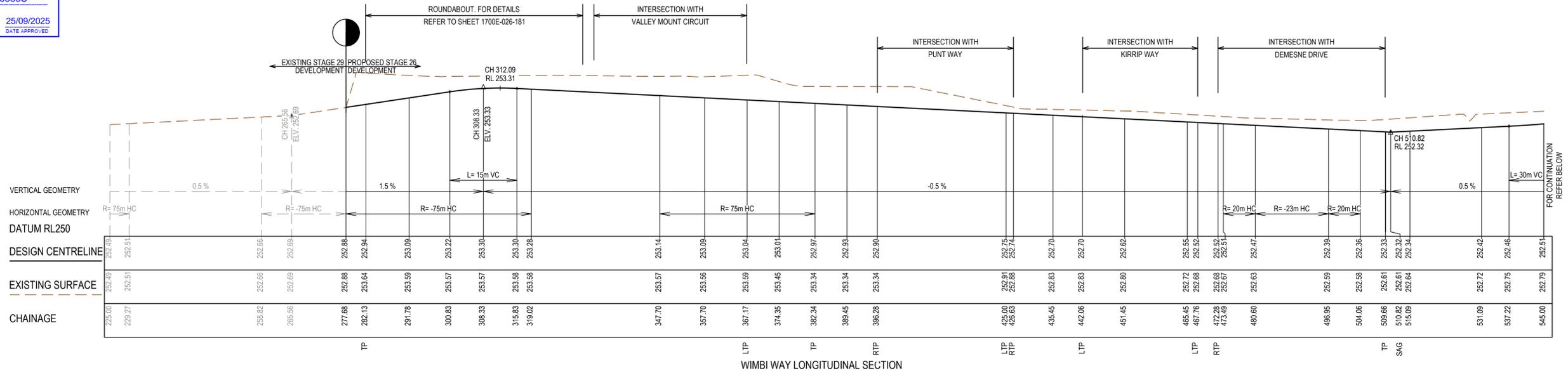
HORIZONTAL GEOMETRY	R=0.70m HC R=1.90m HC R=1.90m HC R=0.70m HC
VERTICAL GEOMETRY	0.5% 0.77% 1.91% 0.86% -0.5% -1.85% 2.56% -1.71% -0.5%
DATUM RL252	
DESIGN LEVEL	252.72 252.73 252.74 252.75 252.76 252.77 252.78
EXISTING SURFACE	253.00 253.12 253.11 253.08 253.07 253.05 252.99
NORTHING	5844733.10 5844730.77 5844730.50 5844728.79 5844728.69 5844728.10 5844727.71
EASTING	323160.98 323161.44 323162.28 323162.86 323163.44 323164.05 323164.67
CHAINAGE	0.00 0.95 2.73 2.95 4.22 7.17 8.54

LIP LINE I

HORIZONTAL GEOMETRY	R=8.60m HC R=1.90m HC R=0.70m HC
VERTICAL GEOMETRY	0.5% 1.5% 1.9% 1.5% 0.5% 2.79% 0.5%
DATUM RL252	
DESIGN LEVEL	252.95 252.93 252.91 252.89 252.87 252.85 252.83
EXISTING SURFACE	253.14 253.21 253.28 253.35 253.42 253.49 253.56
NORTHING	5844715.75 5844720.12 5844725.11 5844730.10 5844735.09 5844740.08 5844745.07
EASTING	323162.02 323161.42 323145.70 323144.54 323143.38 323142.22 323141.06
CHAINAGE	0.00 4.46 12.33 13.51 14.69 15.87 17.05

LIP LINE E

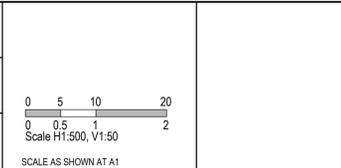
HORIZONTAL GEOMETRY	R=0.70m HC R=1.90m HC R=8.15m HC R=8.60m HC R=24.55m HC R=19.65m HC R=24.55m HC R=1.90m HC R=0.70m HC
VERTICAL GEOMETRY	0.54% 0.59% -1.76% -0.38% -1.84% -0.88% -0.5%
DATUM RL251	
DESIGN LEVEL	252.74 252.75 252.76 252.77 252.78 252.79 252.80 252.81 252.82 252.83 252.84 252.85 252.86 252.87 252.88 252.89 252.90 252.91 252.92 252.93 252.94 252.95 252.96 252.97 252.98 252.99 253.00 253.01 253.02 253.03 253.04 253.05 253.06 253.07 253.08 253.09 253.10 253.11 253.12 253.13 253.14 253.15 253.16 253.17 253.18 253.19 253.20 253.21 253.22 253.23 253.24 253.25 253.26 253.27 253.28 253.29 253.30 253.31 253.32 253.33 253.34 253.35 253.36 253.37 253.38 253.39 253.40 253.41 253.42 253.43 253.44 253.45 253.46 253.47 253.48 253.49 253.50 253.51 253.52 253.53 253.54 253.55 253.56 253.57 253.58 253.59 253.60 253.61 253.62 253.63 253.64 253.65 253.66 253.67 253.68 253.69 253.70 253.71 253.72 253.73 253.74 253.75 253.76 253.77 253.78 253.79 253.80 253.81 253.82 253.83 253.84 253.85 253.86 253.87 253.88 253.89 253.90 253.91 253.92 253.93 253.94 253.95 253.96 253.97 253.98 253.99 254.00
EXISTING SURFACE	252.76 252.77 252.78 252.79 252.80 252.81 252.82 252.83 252.84 252.85 252.86 252.87 252.88 252.89 252.90 252.91 252.92 252.93 252.94 252.95 252.96 252.97 252.98 252.99 253.00 253.01 253.02 253.03 253.04 253.05 253.06 253.07 253.08 253.09 253.10 253.11 253.12 253.13 253.14 253.15 253.16 253.17 253.18 253.19 253.20 253.21 253.22 253.23 253.24 253.25 253.26 253.27 253.28 253.29 253.30 253.31 253.32 253.33 253.34 253.35 253.36 253.37 253.38 253.39 253.40 253.41 253.42 253.43 253.44 253.45 253.46 253.47 253.48 253.49 253.50 253.51 253.52 253.53 253.54 253.55 253.56 253.57 253.58 253.59 253.60 253.61 253.62 253.63 253.64 253.65 253.66 253.67 253.68 253.69 253.70 253.71 253.72 253.73 253.74 253.75 253.76 253.77 253.78 253.79 253.80 253.81 253.82 253.83 253.84 253.85 253.86 253.87 253.88 253.89 253.90 253.91 253.92 253.93 253.94 253.95 253.96 253.97 253.98 253.99 254.00
NORTHING	5844735.73 5844736.03 5844736.33 5844736.63 5844736.93 5844737.23 5844737.53 5844737.83 5844738.13 5844738.43 5844738.73 5844739.03 5844739.33 5844739.63 5844739.93 5844740.23 5844740.53 5844740.83 5844741.13 5844741.43 5844741.73 5844742.03 5844742.33 5844742.63 5844742.93 5844743.23 5844743.53 5844743.83 5844744.13 5844744.43 5844744.73 5844745.03 5844745.33 5844745.63 5844745.93 5844746.23 5844746.53 5844746.83 5844747.13 5844747.43 5844747.73 5844748.03 5844748.33 5844748.63 5844748.93 5844749.23 5844749.53 5844749.83 5844750.13 5844750.43 5844750.73 5844751.03 5844751.33 5844751.63 5844751.93 5844752.23 5844752.53 5844752.83 5844753.13 5844753.43 5844753.73 5844754.03 5844754.33 5844754.63 5844754.93 5844755.23 5844755.53 5844755.83 5844756.13 5844756.43 5844756.73 5844757.03 5844757.33 5844757.63 5844757.93 5844758.23 5844758.53 5844758.83 5844759.13 5844759.43 5844759.73 5844760.03 5844760.33 5844760.63 5844760.93 5844761.23 5844761.53 5844761.83 5844762.13 5844762.43 5844762.73 5844763.03 5844763.33 5844763.63 5844763.93 5844764.23 5844764.53 5844764.83 5844765.13 5844765.43 5844765.73 5844766.03 5844766.33 5844766.63 5844766.93 5844767.23 5844767.53 5844767.83 5844768.13 5844768.43 5844768.73 5844769.03 5844769.33 5844769.63 5844769.93 5844770.23 5844770.53 5844770.83 5844771.13 5844771.43 5844771.73 5844772.03 5844772.33 5844772.63 5844772.93 5844773.23 5844773.53 5844773.83 5844774.13 5844774.43 5844774.73 5844775.03 5844775.33 5844775.63 5844775.93 5844776.23 5844776.53 5844776.83 5844777.13 5844777.43 5844777.73 5844778.03 5844778.33 5844778.63 5844778.93 5844779.23 5844779.53 5844779.83 5844780.13 5844780.43 5844780.73 5844781.03 5844781.33 5844781.63 5844781.93 5844782.23 5844782.53 5844782.83 5844783.13 5844783.43 5844783.73 5844784.03 5844784.33 5844784.63 5844784.93 5844785.23 5844785.53 5844785.83 5844786.13 5844786.43 5844786.73 5844787.03 5844787.33 5844787.63 5844787.93 5844788.23 5844788.53 5844788.83 5844789.13 5844789.43 5844789.73 5844790.03 5844790.33 5844790.63 5844790.93 5844791.23 5844791.53 5844791.83 5844792.13 5844792.43 5844792.73 5844793.03 5844793.33 5844793.63 5844793.93 5844794.23 5844794.53 5844794.83 5844795.13 5844795.43 5844795.73 5844796.03 5844796.33 5844796.63 5844796.93 5844797.23 5844797.53 5844797.83 5844798.13 5844798.43 5844798.73 5844799.03 5844799.33 5844799.63 5844799.93 5844800.23 5844800.53 5844800.83 5844801.13 5844801.43 5844801.73 5844802.03 5844802.33 5844802.63 5844802.93 5844803.23 5844803.53 5844803.83 5844804.13 5844804.43 5844804.73 5844805.03 5844805.33 5844805.63 5844805.93 5844806.23 5844806.53 5844806.83 5844807.13 5844807.43 5844807.73 5844808.03 5844808.33 5844808.63 5844808.93 5844809.23 5844809.53 5844809.83 5844810.13 5844810.43 5844810.73 5844811.03 5844811.33 5844811.63 5844811.93 5844812.23 5844812.53 5844812.83 5844813.13 5844813.43 5844813.73 5844814.03 5844814.33 5844814.63 5844814.93 5844815.23 5844815.53 5844815.83 5844816.13 5844816.43 5844816.73 5844817.03 5844817.33 5844817.63 5844817.93 5844818.23 5844818.53 5844818.83 5844819.13 5844819.43 5844819.73 5844820.03 5844820.33 5844820.63 5844820.93 5844821.23 5844821.53 5844821.83 5844822.13 5844822.43 5844822.73 5844823.03 5844823.33 5844823.63 5844823.93 5844824.23 5844824.53 5844824.83 5844825.13 5844825.43 5844825.73 5844826.03 5844826.33 5844826.63 5844826.93 5844827.23 5844827.53 5844827.83 5844828.13 5844828.43 5844828.73 5844829.03 5844829.33 5844829.63 5844829.93 5844830.23 5844830.53 5844830.83 5844831.13 5844831.43 5844831.73 5844832.03 5844832.33 5844832.63 5844832.93 5844833.23 5844833.53 5844833.83 5844834.13 5844834.43 5844834.73 5844835.03 5844835.33 5844835.63 5844835.93 5844836.23 5844836.53 5844836.83 5844837.13 5844837.43 5844837.73 5844838.03 5844838.33 5844838.63 5844838.93 5844839.23 5844839.53 5844839.83 5844840.13 5844840.43 5844840.73 5844841.03 5844841.33 5844841.63 5844841.93 5844842.23 5844842.53 5844842.83 5844843.13 5844843.43 5844843.73 5844844.03 5844844.33 5844844.63 5844844.93 5844845.23 5844845.53 5844845.83 5844846.13 5844846.43 5844846.73 5844847.03 5844847.33 5844847.63 5844847.93 5844848.23 5844848.53 5844848.83 5844849.13 5844849.43 5844849.73 5844850.03 5844850.33 5844850.63 5844850.93 5844851.23 5844851.53 5844851.83 5844852.13 5844852.43 5844852.73 5844853.03 5844853.33 5844853.63 5844853.93 5844854.23 5844854.53 5844854.83 5844855.13 5844855.43 5844855.73 5844856.03 5844856.33 5844856.63 5844856.93 5844857.23 5844857.53 5844857.83 5844858.13 5844858.43 5844858.73 5844859.03 5844859.33 5844859.63 5844859.93 5844860.23 5844860.53 5844860.83 5844861.13 5844861.43 5844861.73 5844862.03 5844862.33 5844862.63 5844862.93 5844863.23 5844863.53 5844863.83 5844864.13 5844864.43 5844864.73 5844865.03 5844865.33 5844865.63 5844865.93 5844866.23 5844866.53 5844866.83 5844867.13 5844867.43 5844867.73 5844868.03 5844868.33 5844868.63 5844868.93 5844869.23 5844869.53 5844869.83 5844870.13 5844870.43 5844870.73 5844871.03 5844871.33 5844871.63 5844871.93 5844872.23 5844872.53 5844872.83 5844873.13 5844873.43 5844873.73 5844874.03 5844874.33 5844874.63 5844874.93 5844875.23 5844875.53 5844875.83 5844876.13 5844876.43 5844876.73 5844877.03 5844877.33 5844877.63 5844877.93 5844878.23 5844878.53 5844878.83 5844879.13 5844879.43 5844879.73 5844880.03 5844880.33 5844880.63 5844880.93 5844881.23 5844881.53 5844881.83 5844882.13 5844882.43 5844882.73 5844883.03 5844883.33 5844883.63 5844883.93 5844884.23 5844884.53 5844884.83 5844885.13 5844885.43 5844885.73 5844886.03 5844886.33 5844886.63 5844886.93 5844887.23 5844887.53 5844887.83 5844888.13 5844888.43 5844888.73 5844889.03 5844889.33 5844889.63 5844889.93 5844890.23 5844890.53 5844890.83 5844891.13 5844891.43 5844891.73 5844892.03 5844892.33 5844892.63 5844892.93 5844893.23 5844893.53 5844893.83 5844894.13 5844894.43 5844894.73 5844895.03 5844895.33 5844895.63 5844895.93 5844896.23 5844896.53 5844896.83 5844897.13 5844897.43 5844897.73 5844898.03 5844898.33 5844898.63 5844898.93 5844899.23 5844899.53 5844899.83 5844900.13 5844900.43 5844900.73 5844901.03 5844901.33 5844901.63 5844901.93 5844902.23 5844902.53 5844902.83 5844903.13 5844903.43 5844903.73 5844904.03 5844904.33 5844904.63 5844904.93 5844905.23 5844905.53 5844905.83 5844906.13 5844906.43 5844906.73 5844907.03 5844907.33 5844907.63 5844907.93 5844908.23 5844908.53 5844908.83 5844909.13 5844909.43 5844909.73 5844910.03 5844910.33 5844910.63 5844910.93 5844911.23 5844911.53 5844911.83 5844912.13 5844912.43 5844912.73 5844913.03 5844913.33 5844913.63 5844913.93 5844914.23 5844914.53 5844914.83 5844915.13 5844915.43 5844915.73 5844916.03 5844916.33 5844916.63 5844916.93 5844917.23 5844917.53 5844917.83 5844918.13 5844918.43 5844918.73 5844919.03 5844919.33 5844919.63 5844919.93 5844920.23 5844920.53 5844920.83 5844921.13 5844921.43 5844921.73 5844922.03 5844922.33 5844922.63 5844922.93 5844923.23 5844923.53 5844923.83 5844924.13 5844924.43 5844924.73 5844925.03 5844925.33 5844925.63 5844925.93 5844926.23 5



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

PLAN OF SUB. NO.
 PS926383S
 PERMIT REF. NO.
 717158

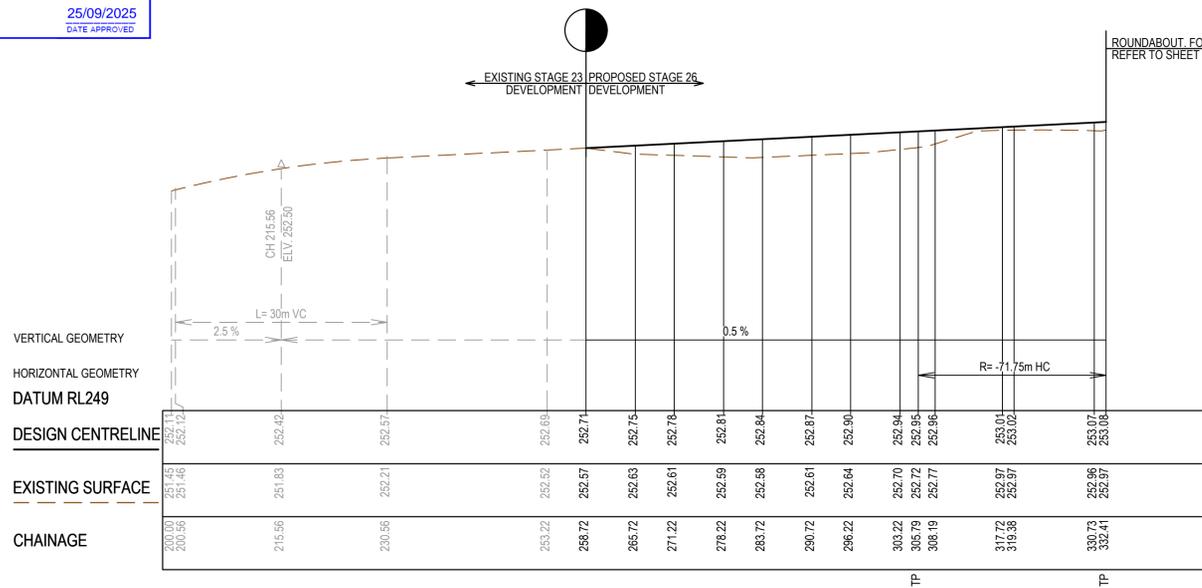
SUBJECT TO APPROVAL



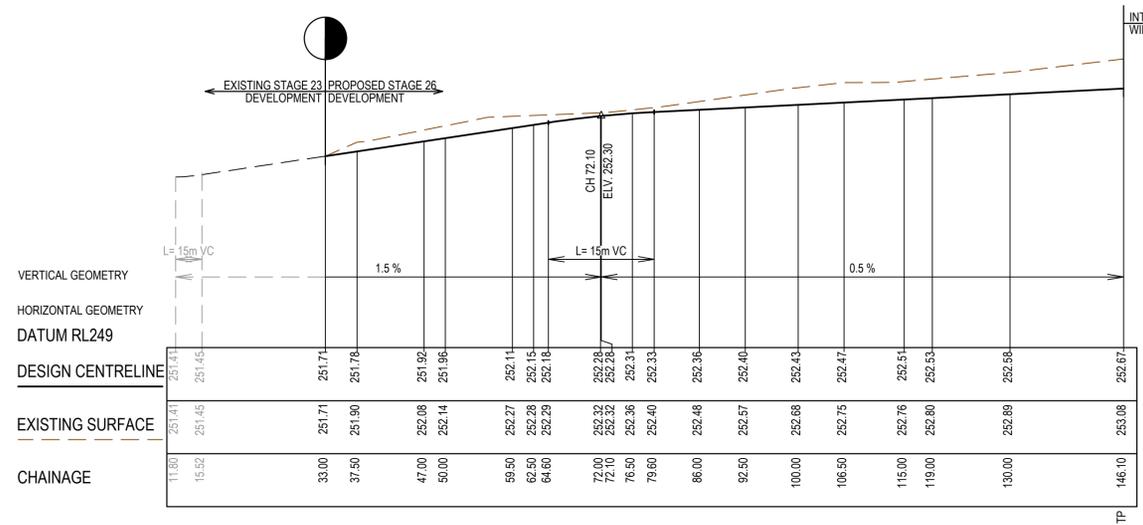
smec
 an company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

mirvac

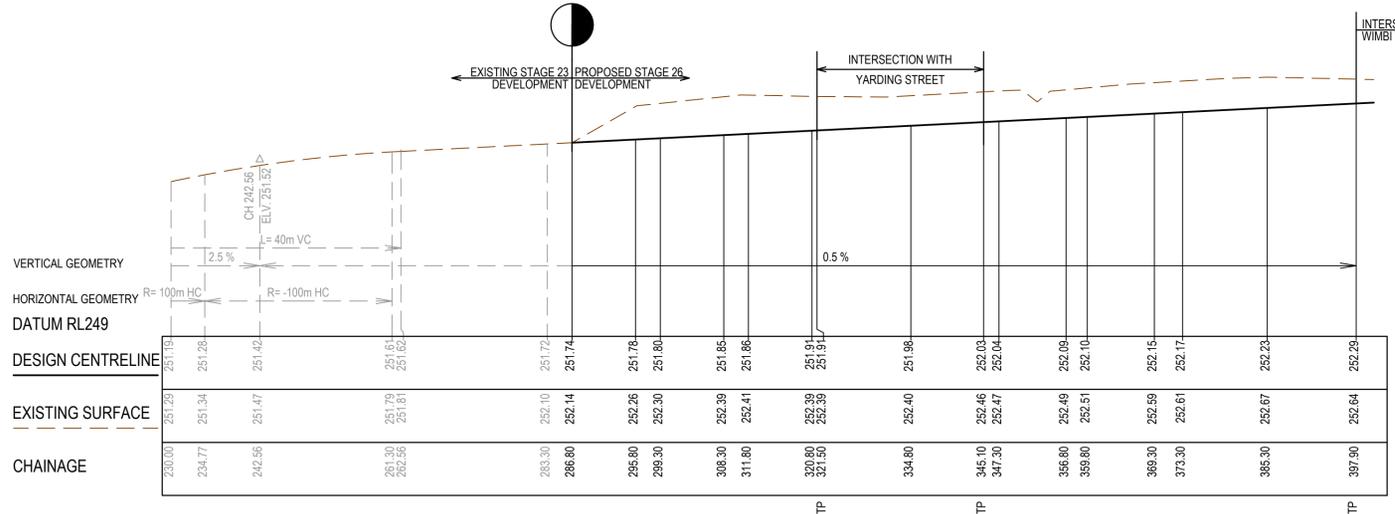
Olivine Estate - Stage 26 Whittlesea City Council Road and Drainage Longitudinal Sections - 1		MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-201	SHEET No. 10 of 26	REVISION A
--	--	-------------------------------	---	------------------------------	----------------------



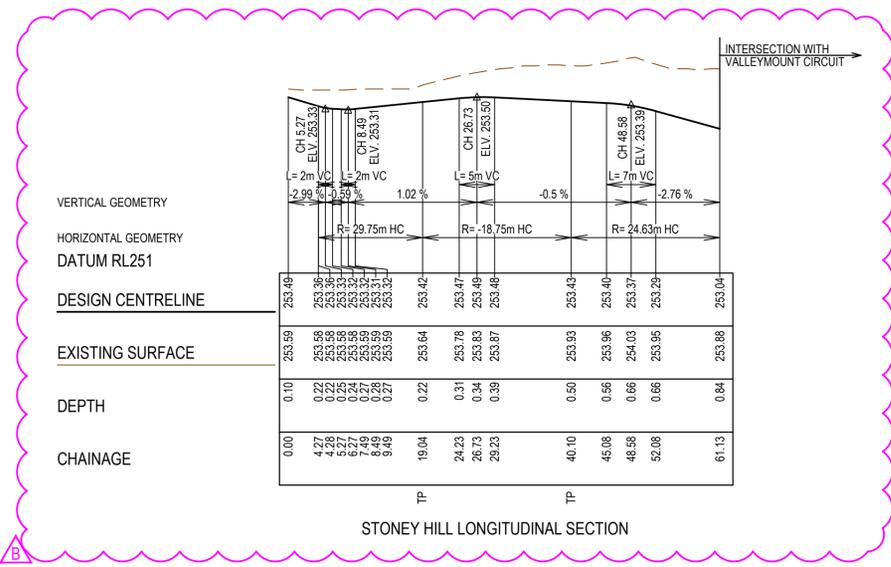
EUCALYPTUS PARADE LONGITUDINAL SECTION



PUNT WAY LONGITUDINAL SECTION



DEMESNE DRIVE LONGITUDINAL SECTION



STONEY HILL LONGITUDINAL SECTION

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	LONG SECTION ADDED	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

Global-Mark.com.au®
 Quality Management ISO 9001
 OHS Management AS/NZS 1880
 Environmental Management ISO 14001
 PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158
SUBJECT TO APPROVAL

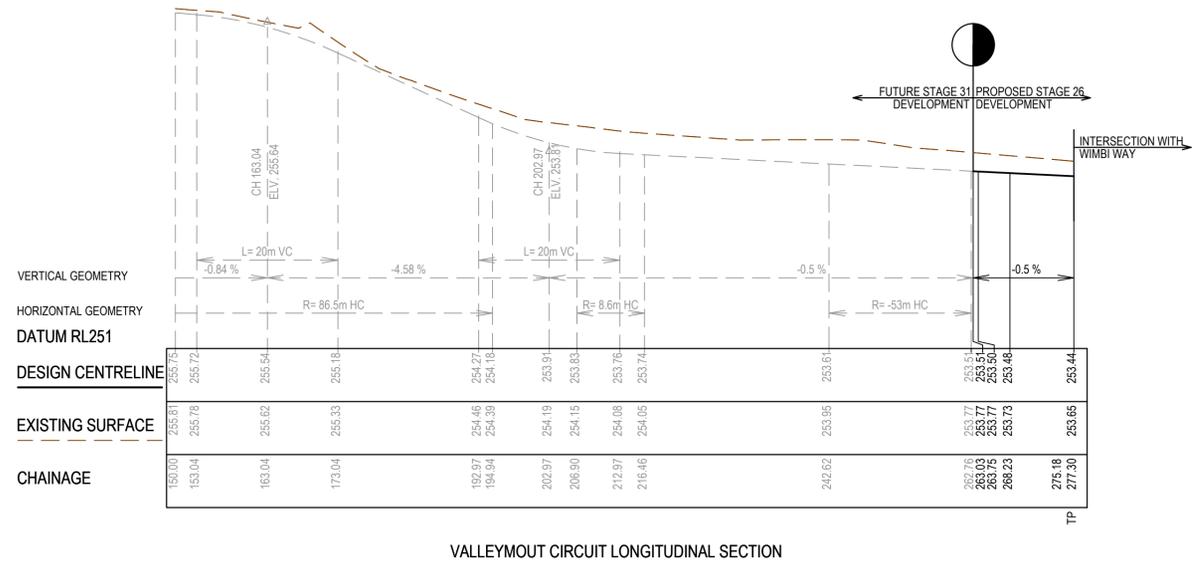
Scale 1:50
 Scale H1:500, V1:50
 SCALE AS SHOWN AT 1

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

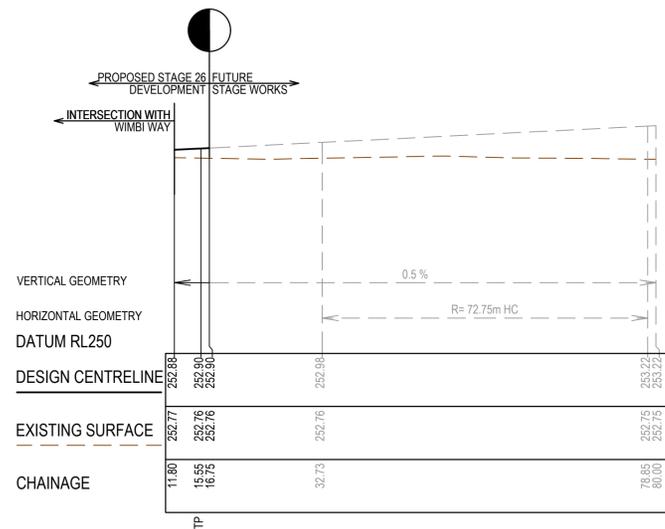
mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Longitudinal Sections - 2

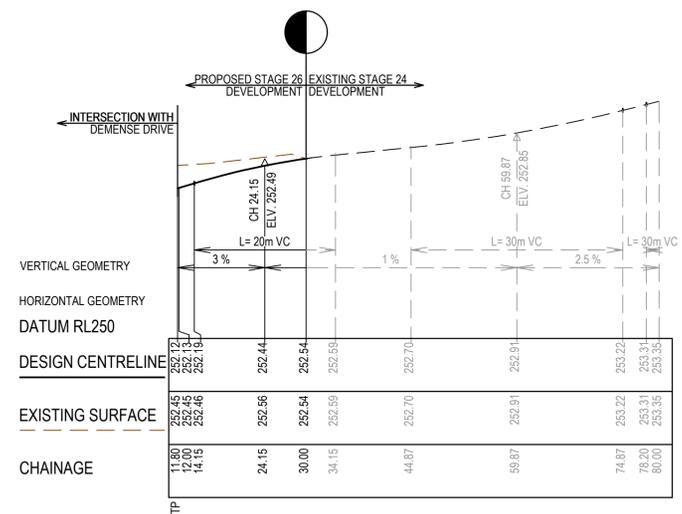
MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-202	SHEET No. 11 of 26	REVISION B
------------------------	--	-----------------------	---------------



VALLEYMOUT CIRCUIT LONGITUDINAL SECTION



KIRRIIP WAY LONGITUDINAL SECTION

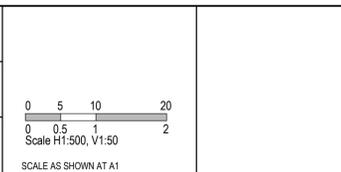


YARDING STREET LONGITUDINAL SECTION

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

PLAN OF SUB. NO.
 PS926383S
 PERMIT REF. NO.
 717158

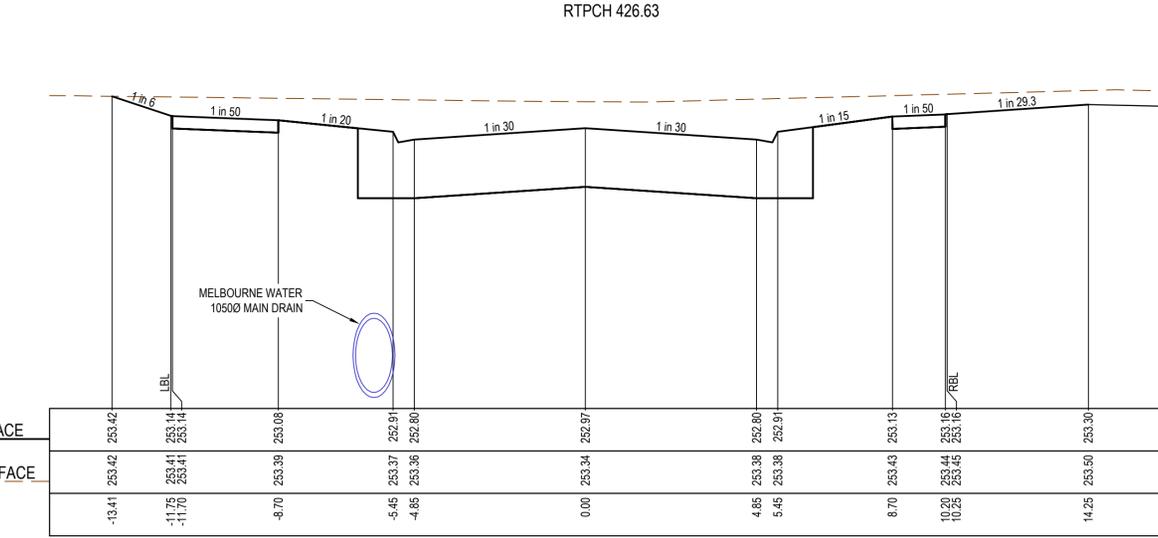
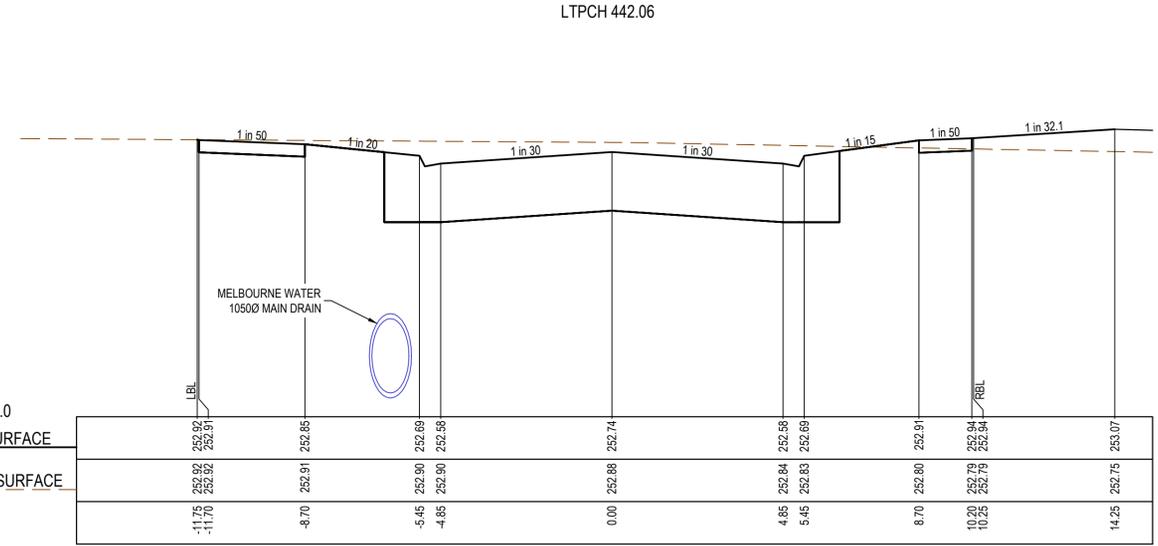
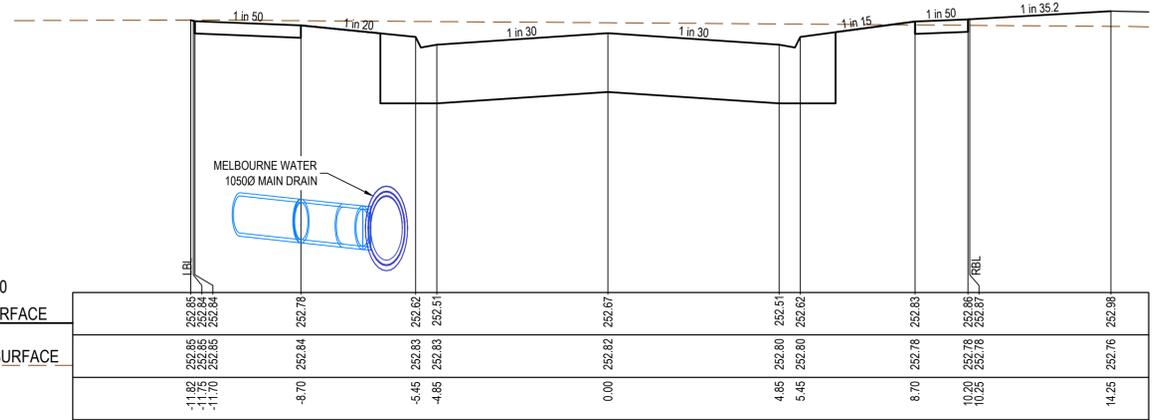
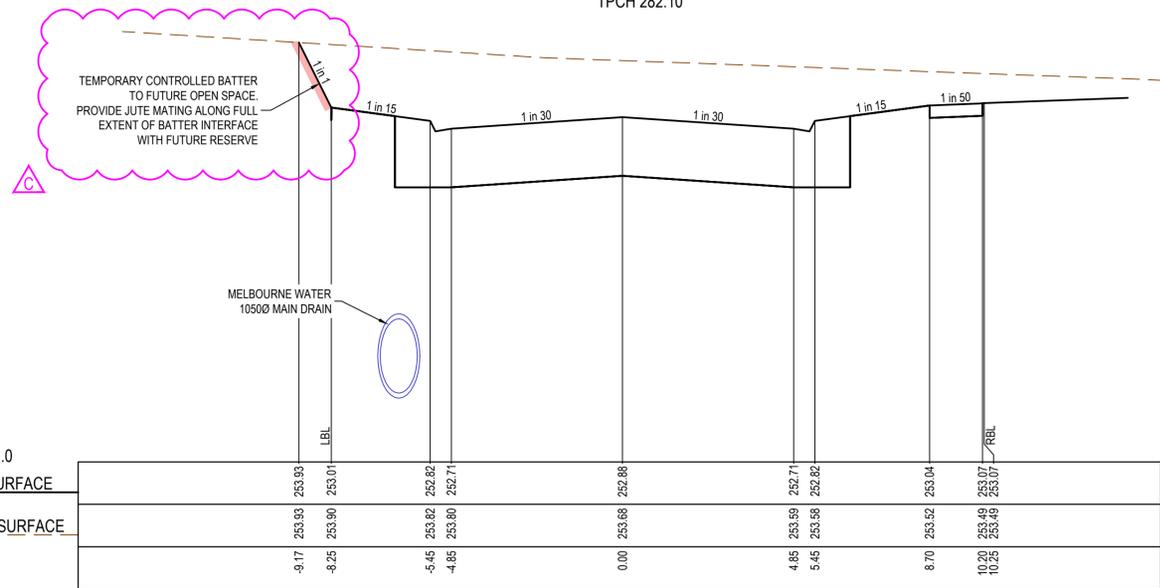
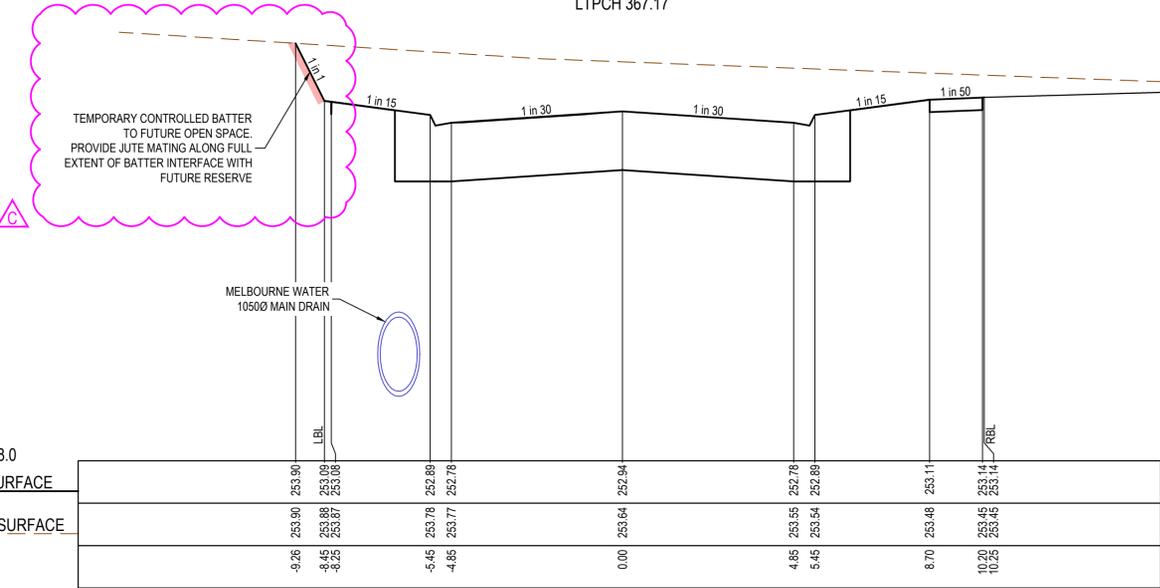
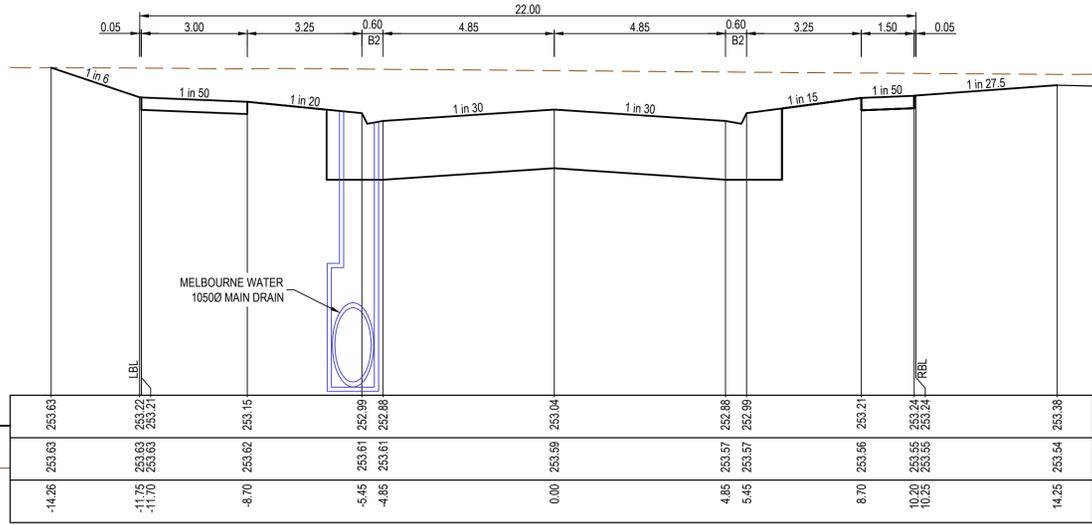
SUBJECT TO APPROVAL



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

mirvac

Olivine Estate - Stage 26 Whittlesea City Council Road and Drainage Longitudinal Sections - 3		MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-203	SHEET No. 12 of 26	REVISION A
--	--	-------------------------------	---	------------------------------	----------------------



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	MAIN DRAIN ADDED - SECTIONS REARRANGED	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
C	11.08.25	CH 277.68 - CH 285.10 AMENDED	N.SHRESTHA	C.PIERRE	R.KOZUL	A.BURROWS

Global-Management-100-0100
 Quality Management AS/NZS 15361
 Global-Management-100-0100
 OHS Management AS/NZS 18001
 Global-Management-100-0100
 Environmental Management AS/NZS 18001
 Global-Management-100-0100

PLAN OF SUB. NO.
PS926383S

PERMIT REF. NO.
717158

SUBJECT TO APPROVAL

Scale H1:100, V1:50
SCALE AS SHOWN AT 1

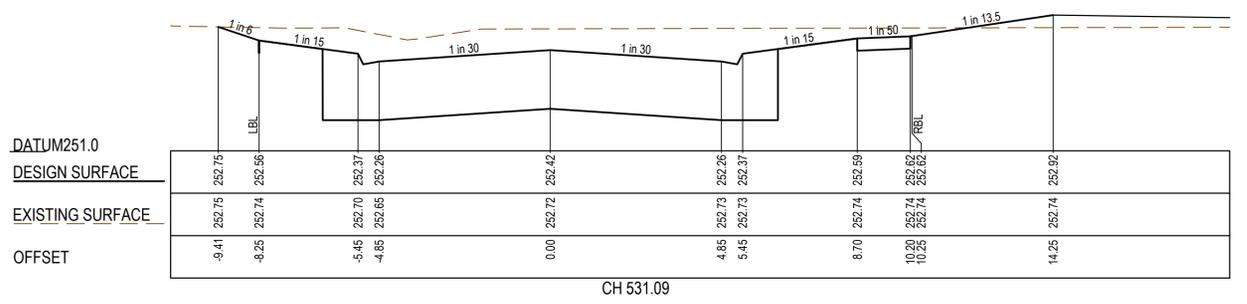
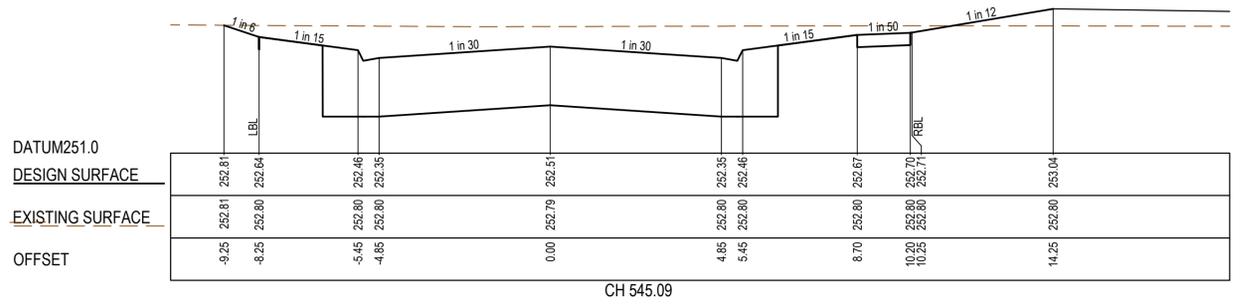
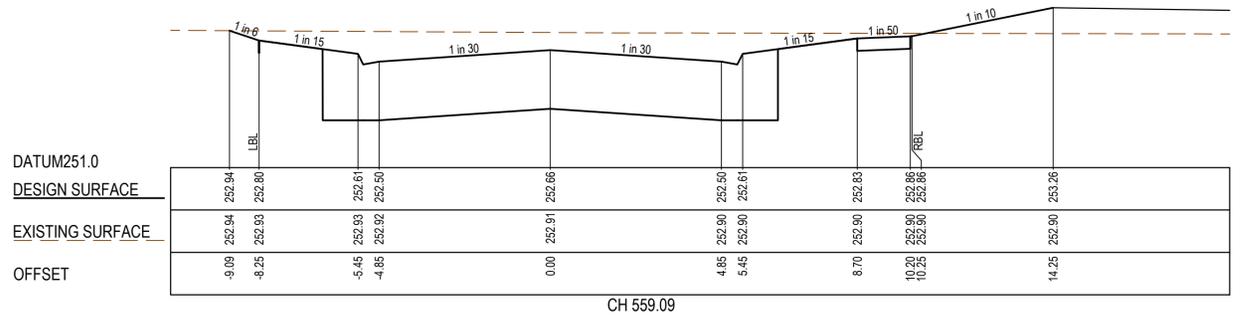
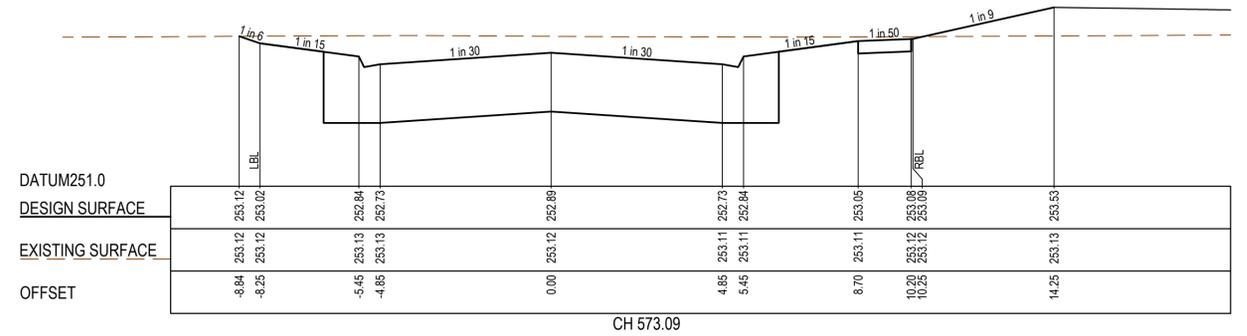
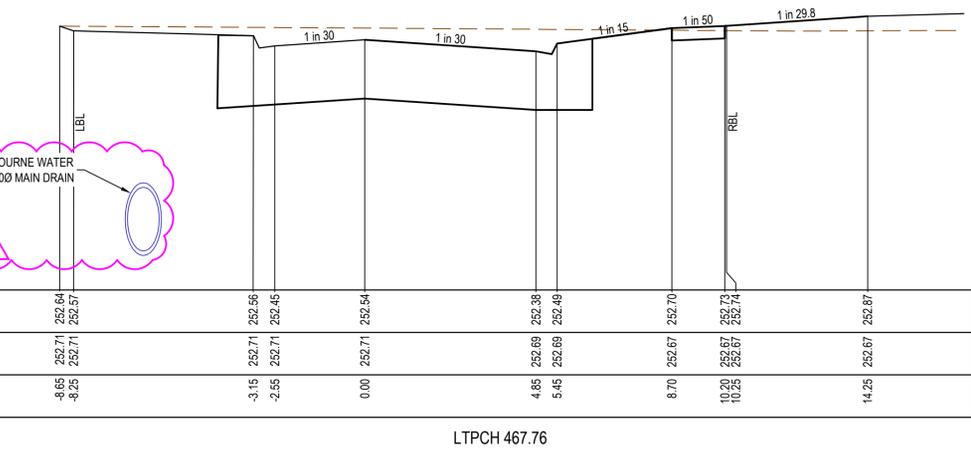
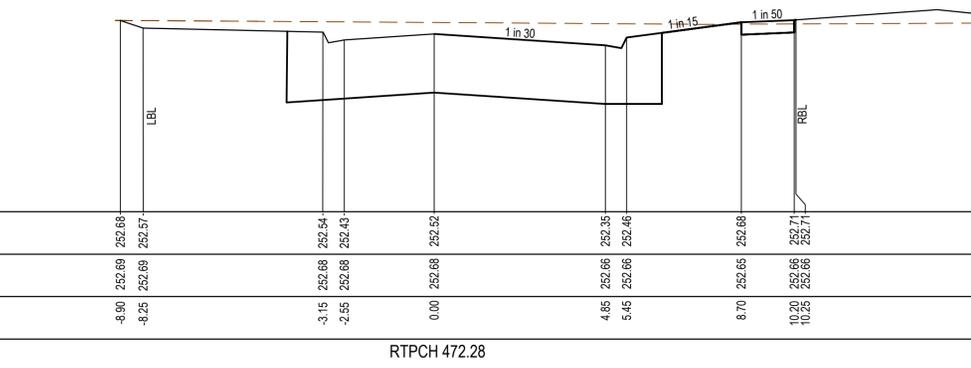
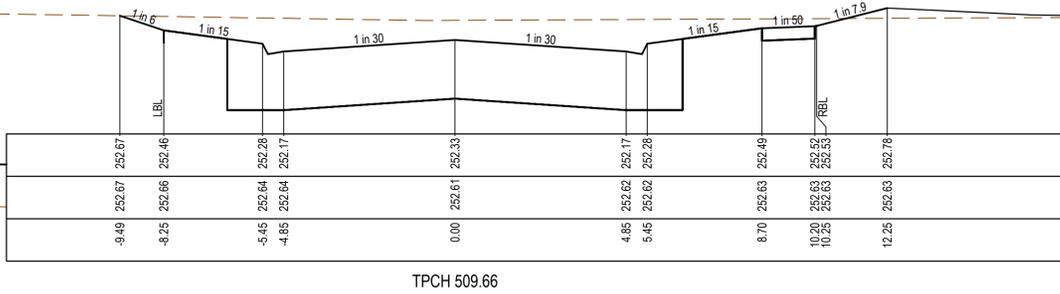
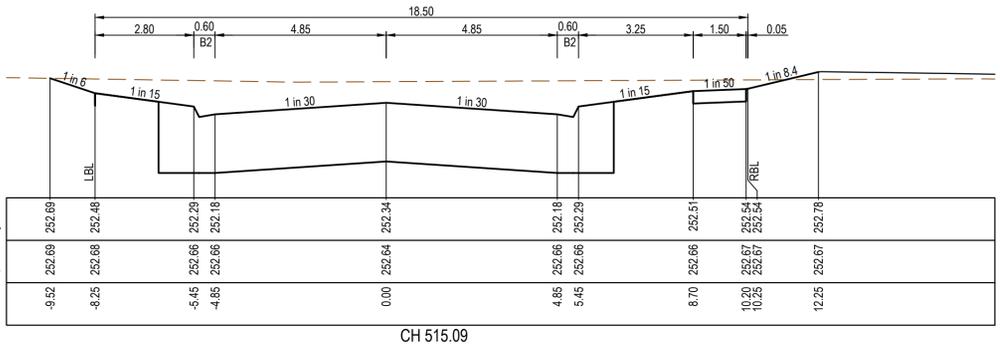
smec
an **st** company

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

mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Cross Sections: Wimbi Way
 Ch 277.68 - Ch 442.06

MELWAYS REF: 367 G11
 PROJECT / DRAWING No: 1700E-026-251
 SHEET No: 13 of 26
 REVISION: C



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	MAIN DRAIN ADDED - SECTIONS REARRANGED	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

Quality Management ISO 9001
 OHS Management AS/NZS 1874
 Environmental Management ISO 14001
 Global-Mark.com.au®
SUBJECT TO APPROVAL

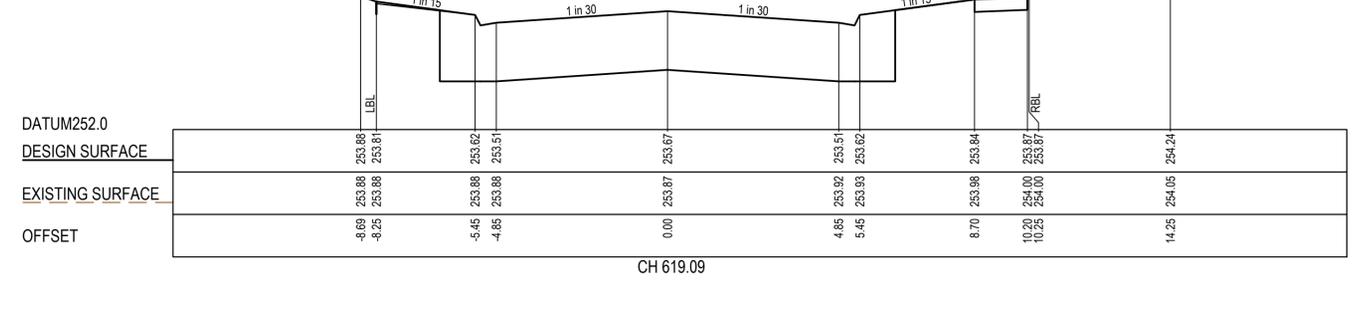
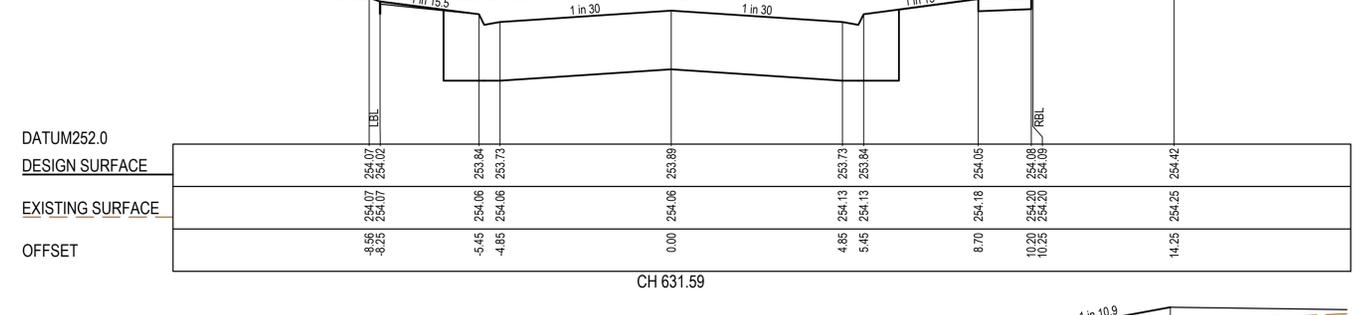
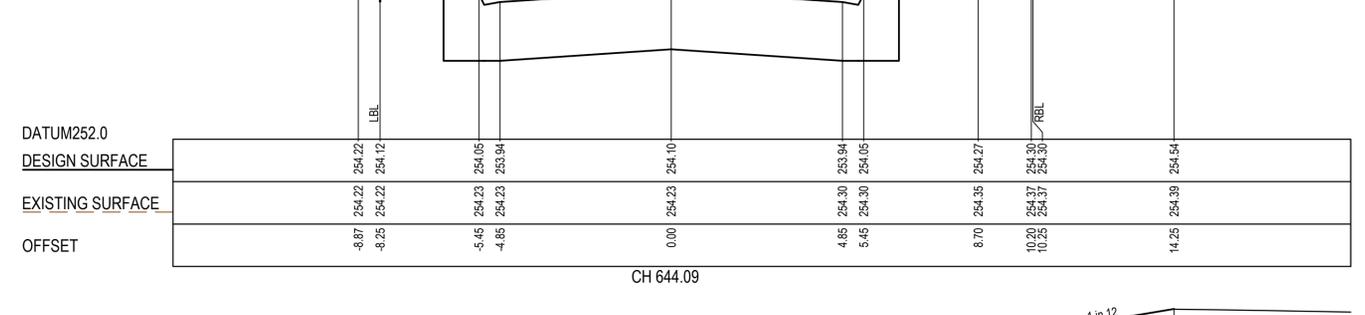
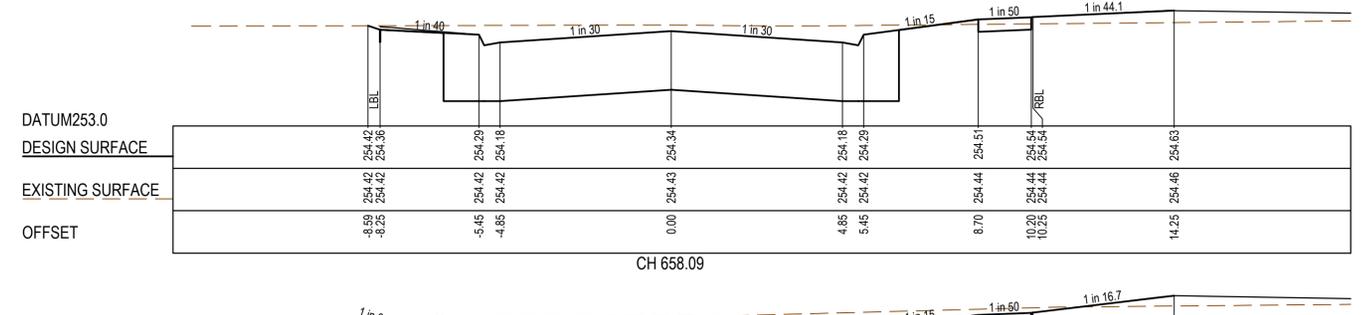
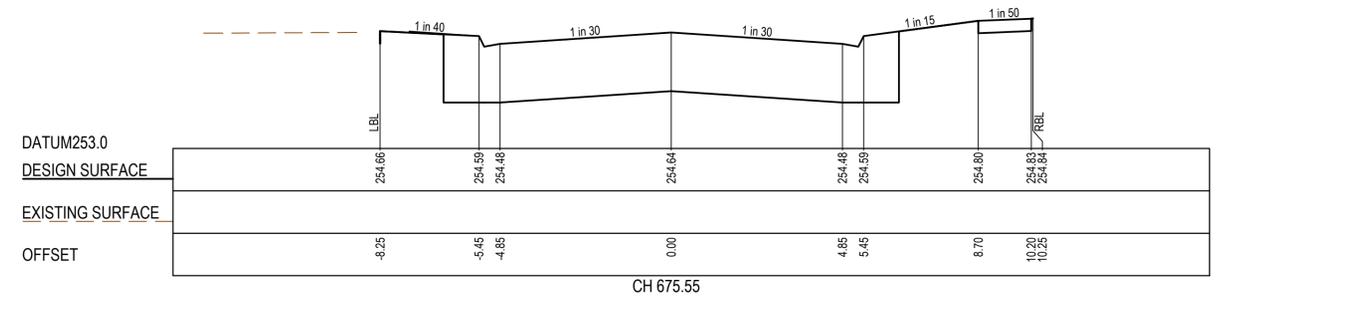
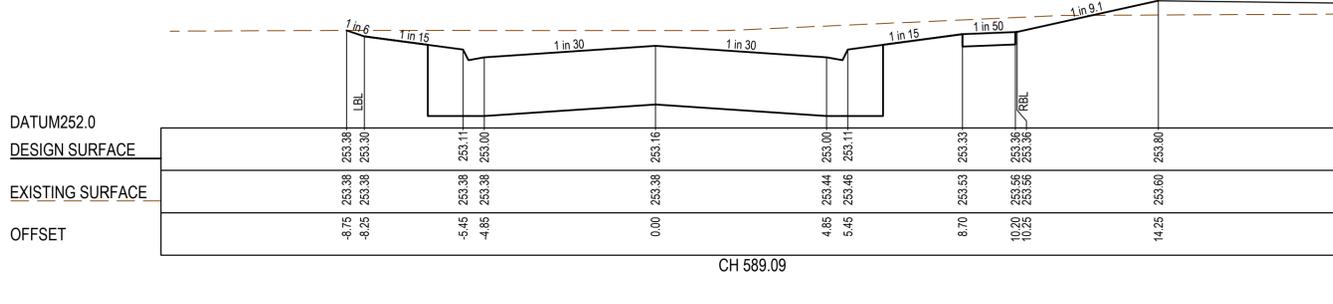
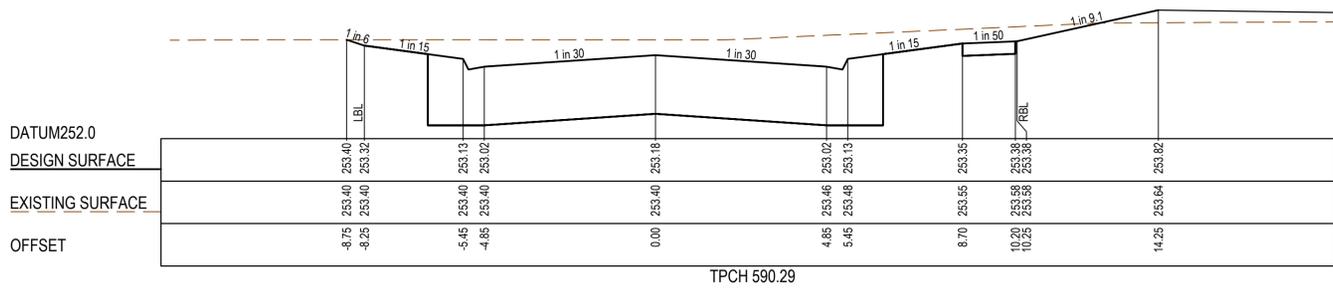
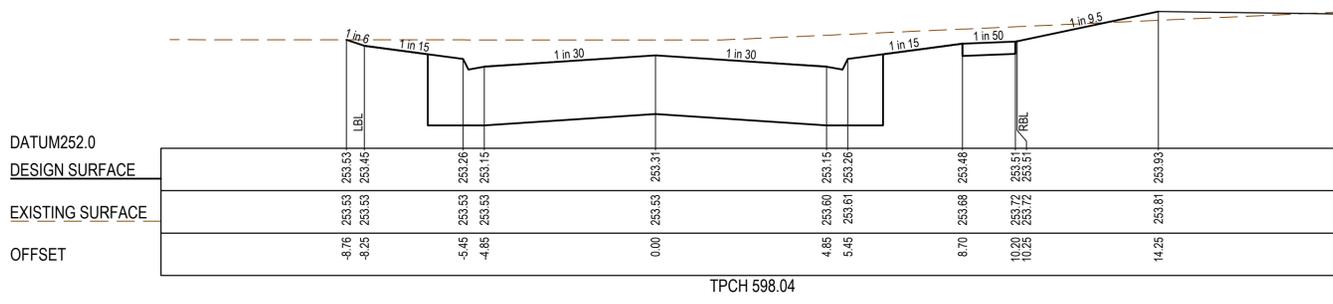
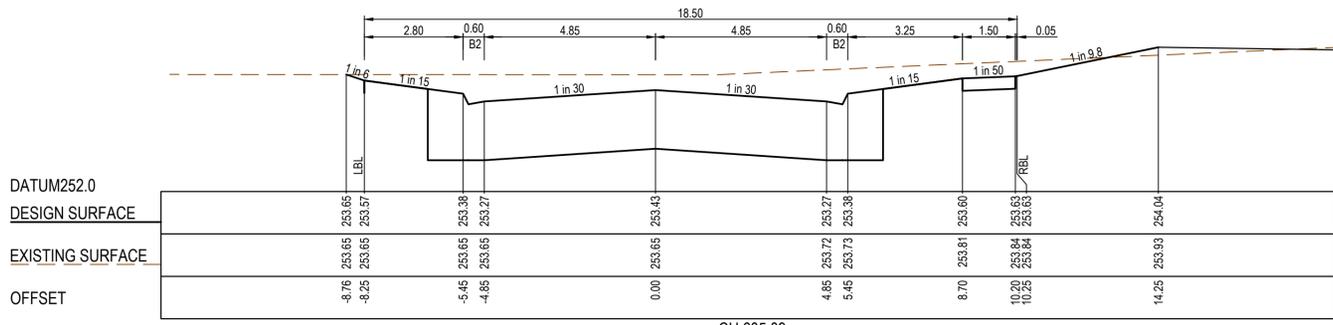
PLAN OF SUB. NO.
 PS926383S
 PERMIT REF. NO.
 717158
 SCALE AS SHOWN AT 1

smec
 an **st** company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Cross Sections - Wimbi Way
 Ch 467.76 - Ch 573.09

MELWAYS REF	PROJECT / DRAWING NO.	SHEET No.	REVISION
367 G11	1700E-026-252	14 of 26	B

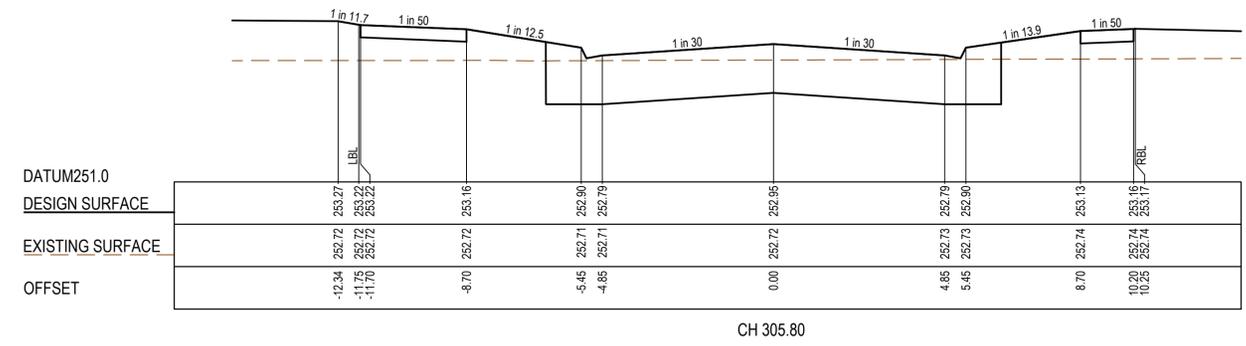
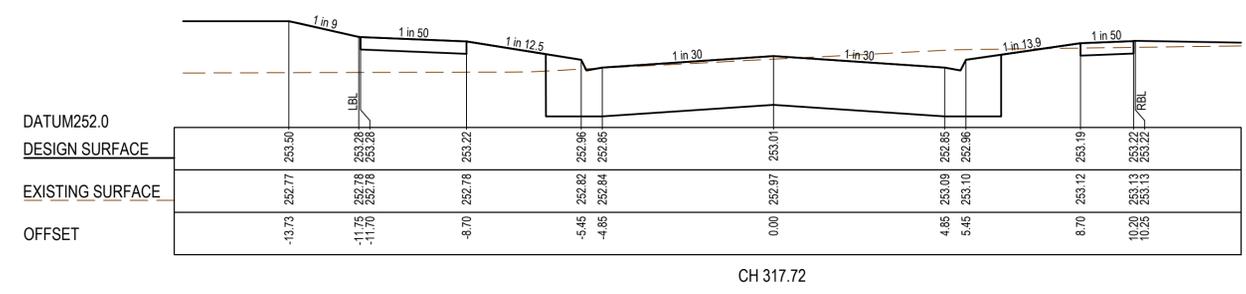
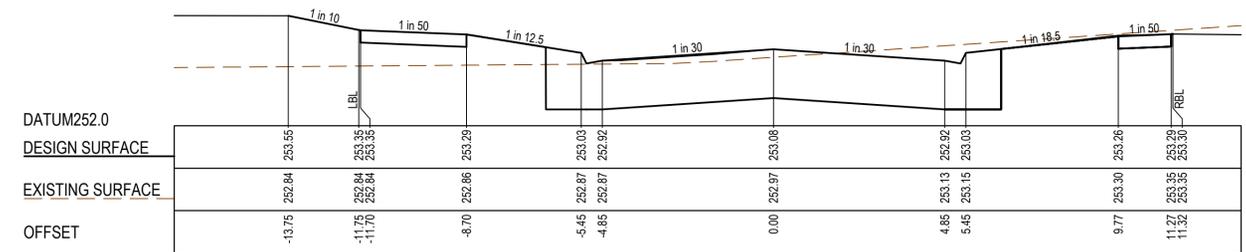
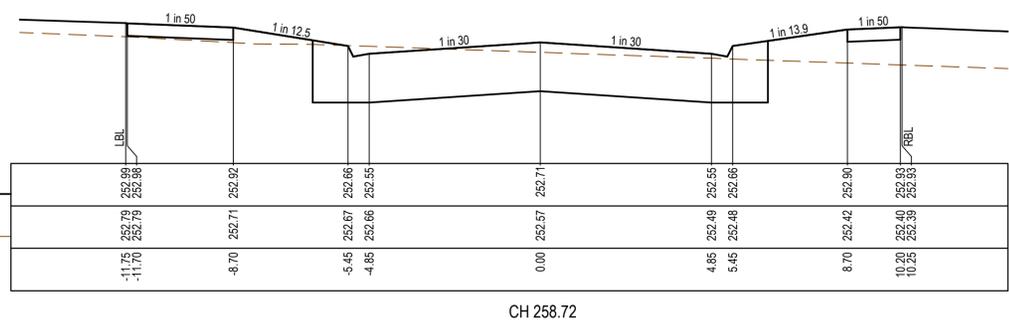
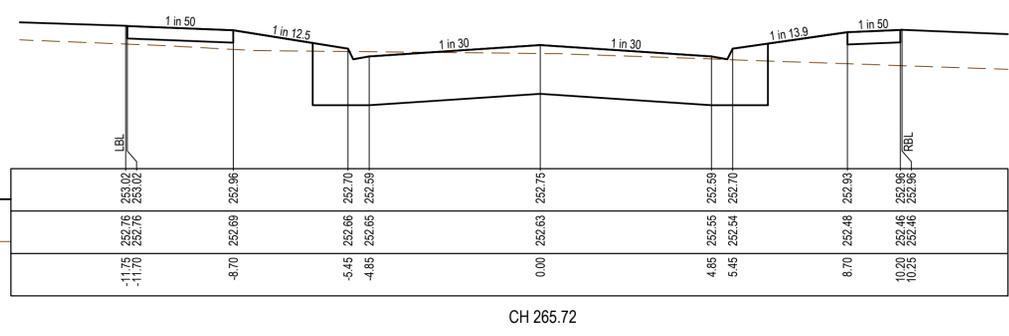
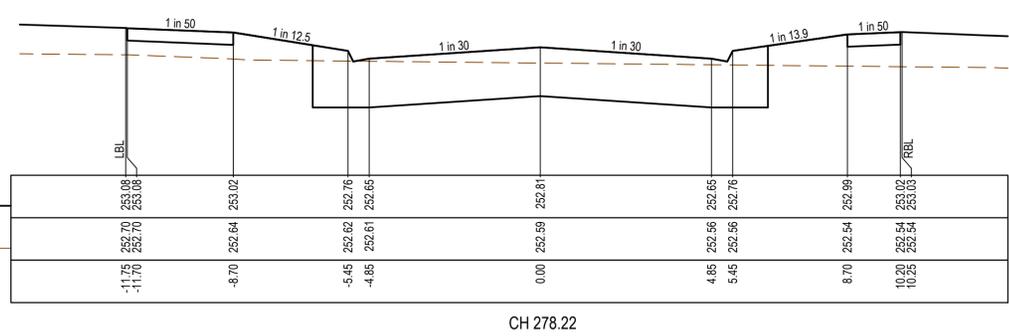
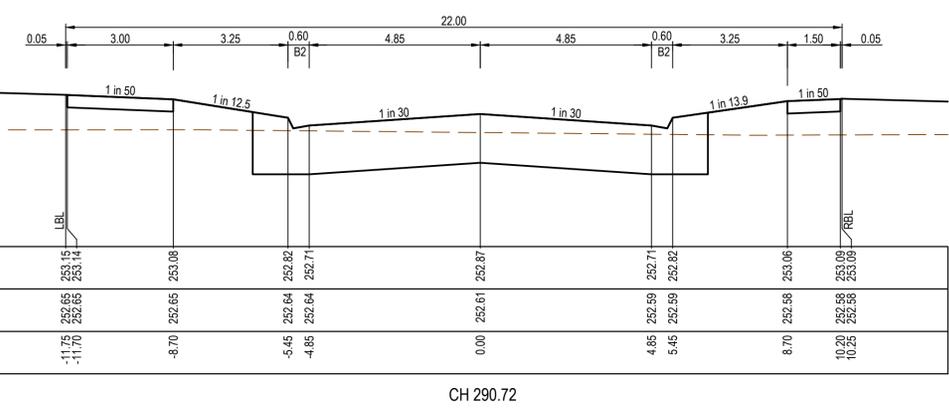


REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER	PLAN OF SUB. NO.	 Scale H1:100, V1:50 SCALE AS SHOWN AT 1	 an  company ABN 47 065 475 149 Collins Square, Tower 4, Level 20, 727 Collins St Melbourne, VIC 3008 Ph 03 9514 1900		Olivine Estate - Stage 26 Whittlesea City Council Road and Drainage Cross Sections - Wimbi Way Ch 589.09 - Ch 675.56	MELWAYS REF	PROJECT / DRAWING NO.	SHEET No.	REVISION
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS	PS926383S					367 G11	1700E-026-253	15 of 26	B
B	03.07.25	MAIN DRAIN ADDED - SECTIONS REARRANGED	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS	PERMIT REF. NO.								



SUBJECT TO APPROVAL

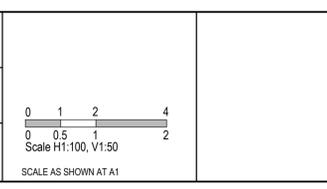
STRUCTURAL FILL REQUIRED UNDER
 PAVEMENT AND FOOTPATHS WHERE
 CONSTRUCTED ABOVE EXISTING SURFACE



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158

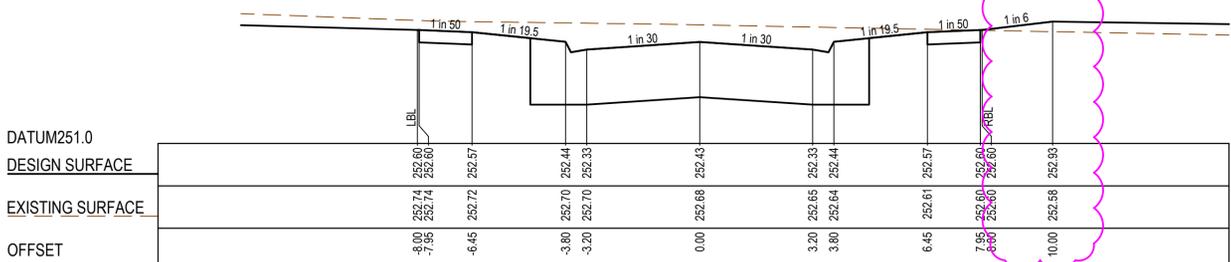
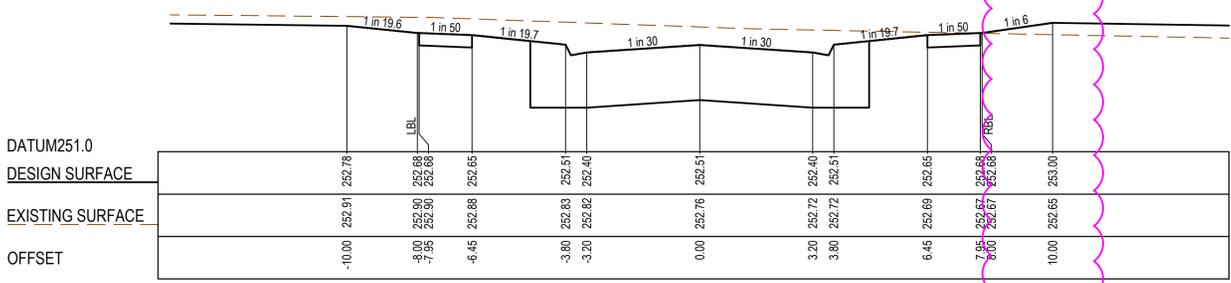
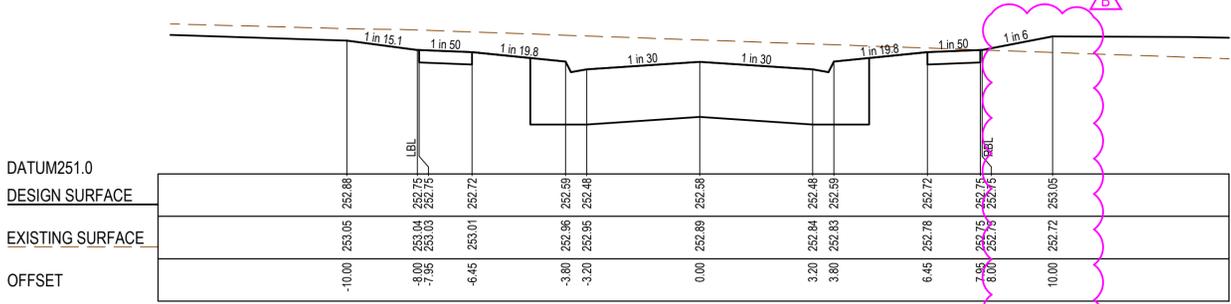
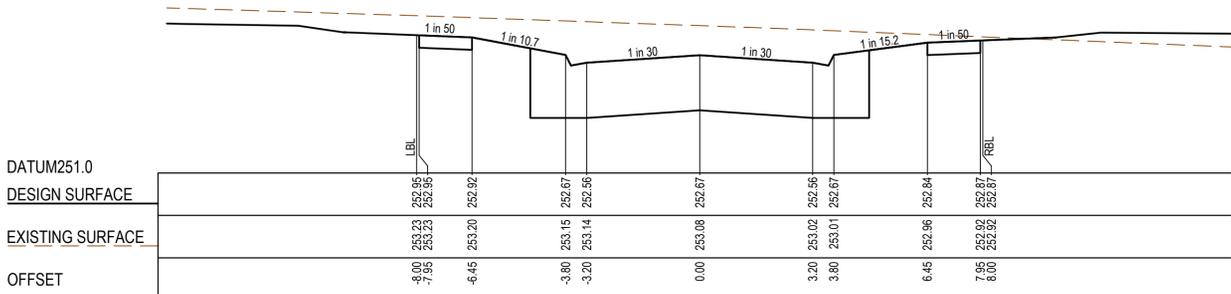
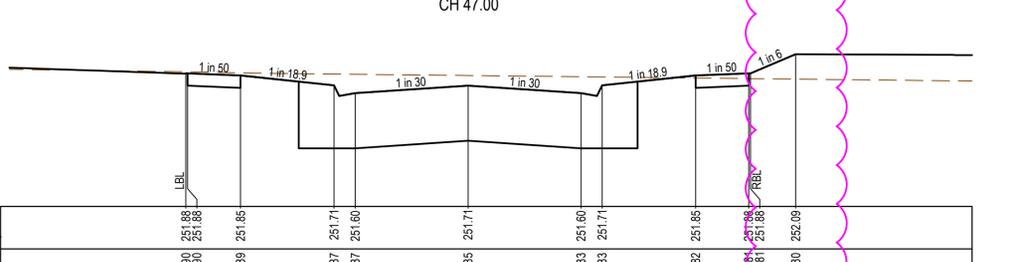
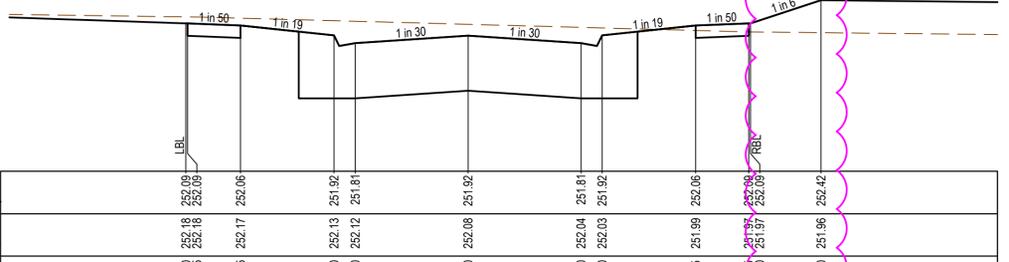
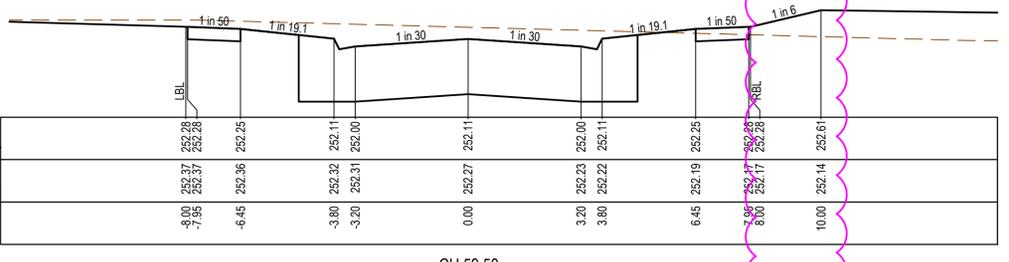
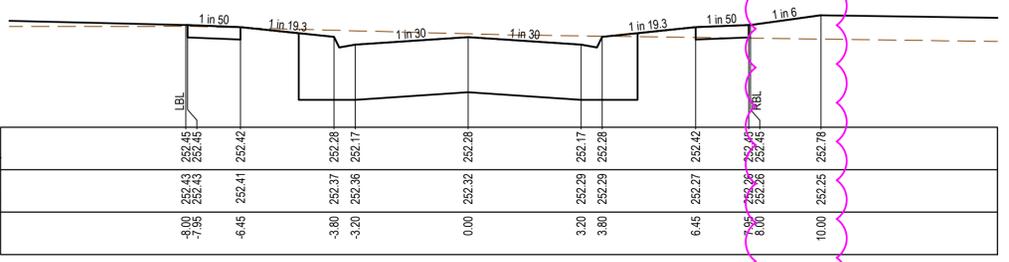
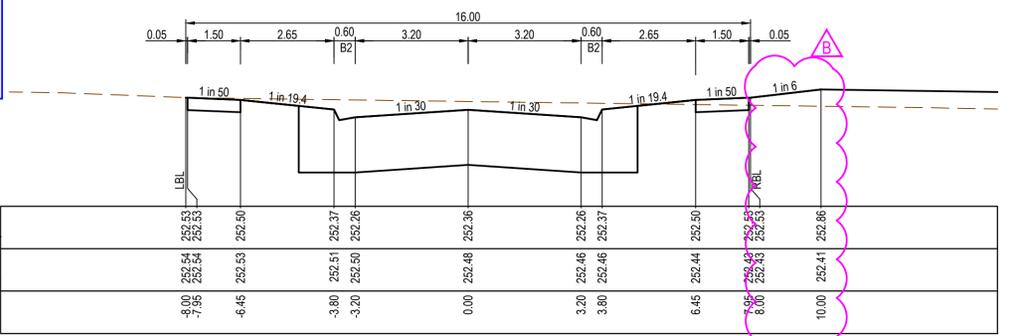
SUBJECT TO APPROVAL



an s1 company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

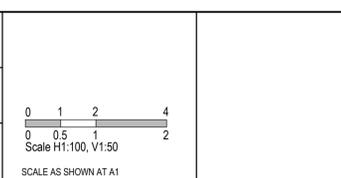
Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Cross Sections: Eucalyptus Parade

MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-254	SHEET No. 16 of 26	REVISION A
------------------------	--	-----------------------	---------------



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	LOT LEVELS ADJUSTED FOLLOWING COUNCIL COMMENTS	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

Global Management - ISO 9001
 Global Management - AS/NZS 18001
 Environmental Management - ISO 14001
 PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158
SUBJECT TO APPROVAL

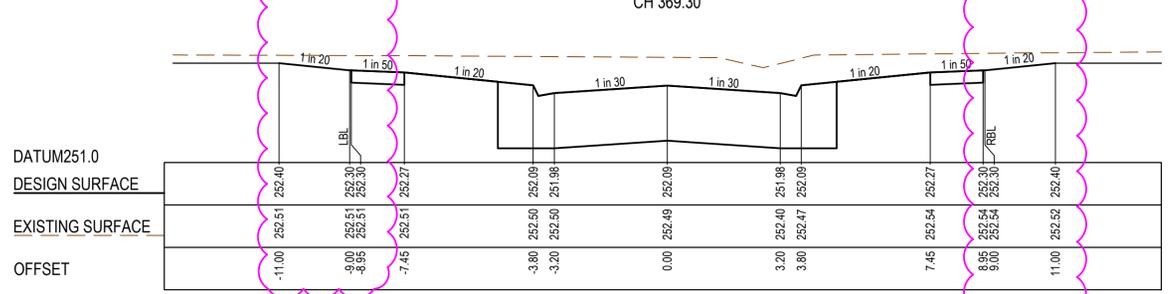
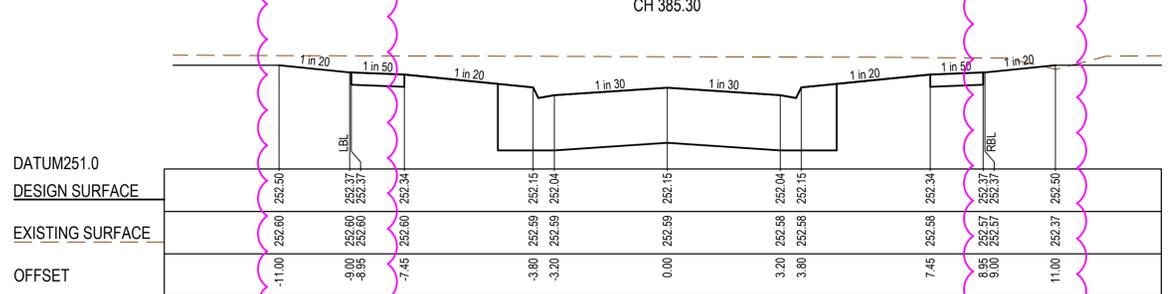
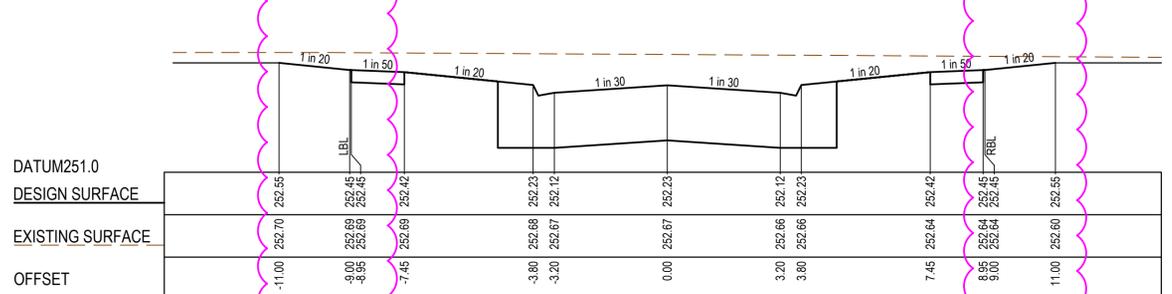
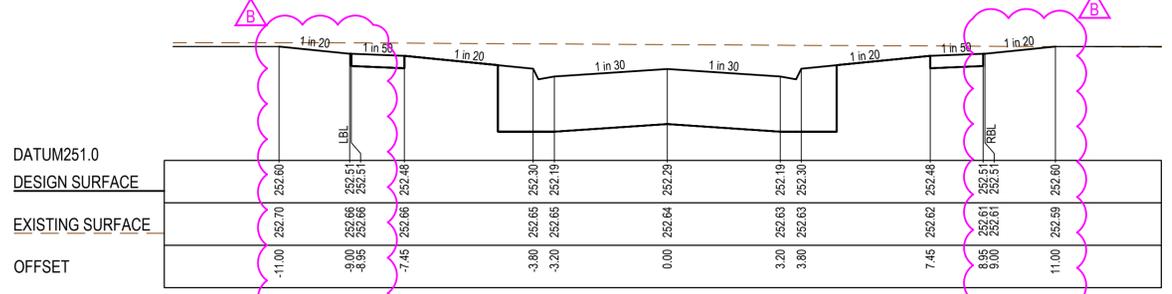
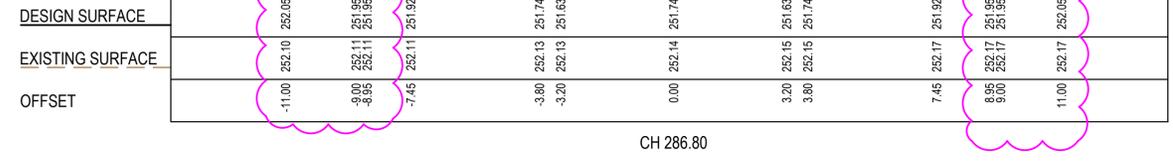
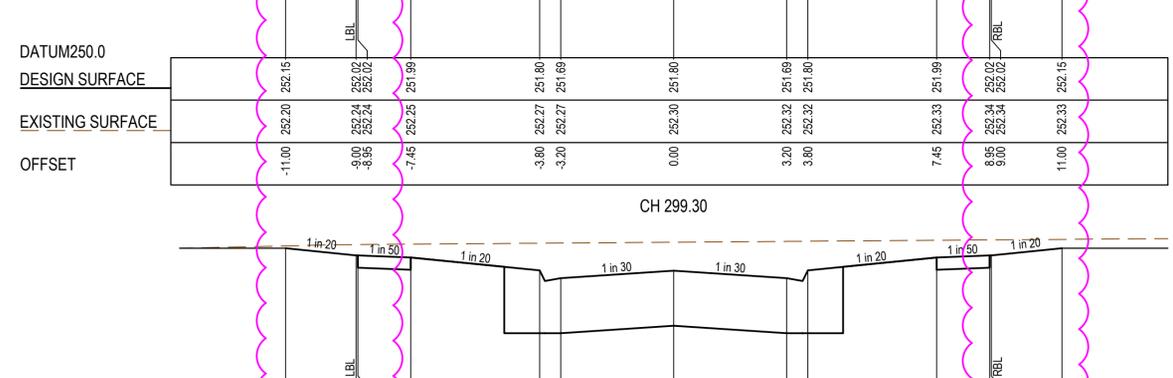
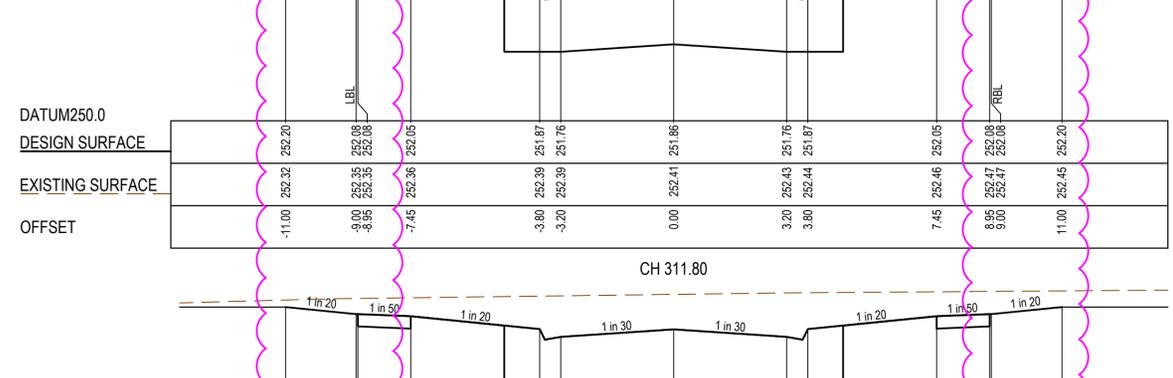
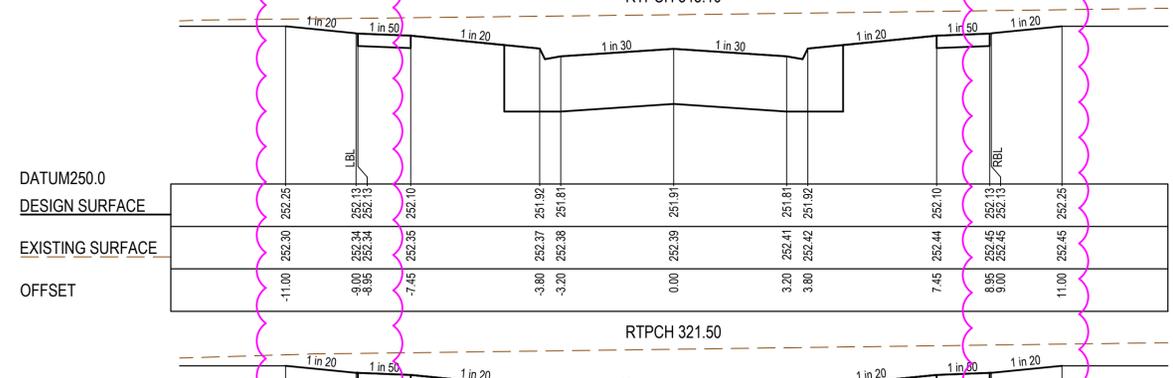
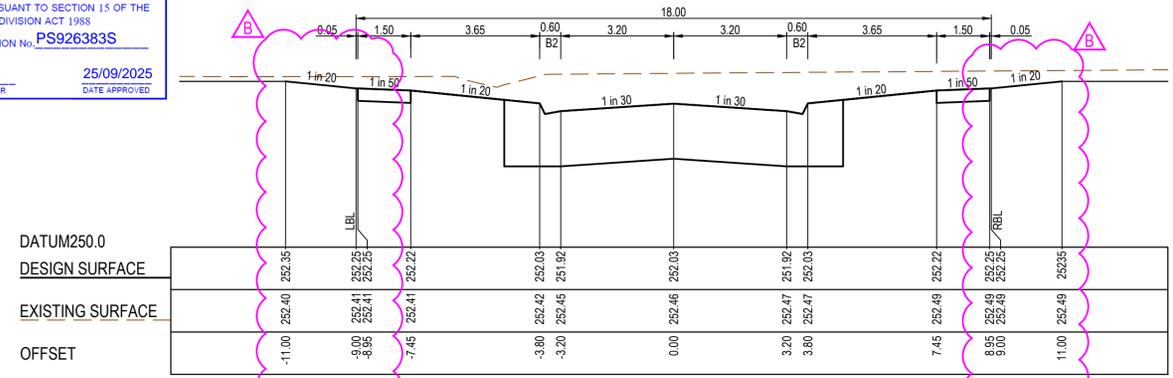


smec
 an **sl** company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Cross Sections: Punt Way

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
367 G11	1700E-026-255	17 of 26	B



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	LOT LEVELS ADJUSTED FOLLOWING COUNCIL COMMENTS	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

Global-Mark.com.au®

 Quality Management ISO 9001
 OHS Management AS/NZS 4500
 Environmental Management ISO 14001
 PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158
SUBJECT TO APPROVAL

an s1 company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1900

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Cross Sections: Demesne Drive

MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-256	SHEET No. 18 of 26	REVISION B
---------------------	-------------------------------------	--------------------	------------

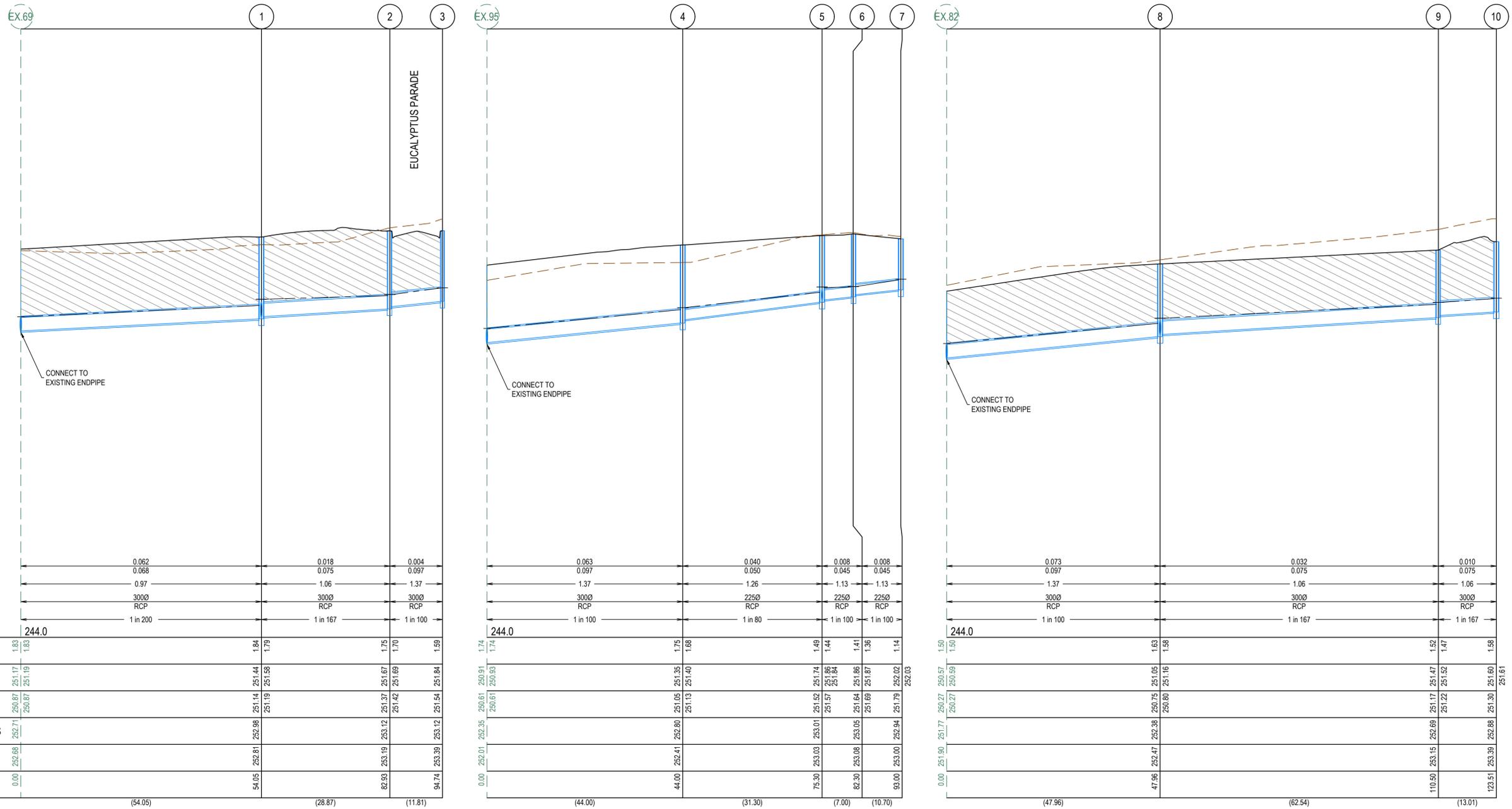
NOTES:
 • PIPES ALIGNED WITH THE ROAD RESERVES MUST BE BACKFILLED WITH 20mm CL3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 97% OF MINIMUM FOUND IN THE STANDARD COMPACTION FOR THE FOLLOWING:
 -BENEATH THE ROAD PAVEMENT OF DRIVEWAY CROSSOVER TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER
 -ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY THE 45° ANGLE OF REPOSE FROM NEAR THE LOWER EDGE
 • ALL DRAINAGE PIPES TO BE RUBBER RING BELLED SOCKET JOINT (RRJ). ALL DRAINAGE PIPES GREATER THAN 7500 WITHSTANDING THE ABOVE MAY BE FLUSHED JOINED
 • ALL DRAINAGE PIPES SHALL BE CLASS 2, UNLESS NOTED OTHERWISE

CITY OF WHITTLESEA
 ENGINEERING PLANS & SPECIFICATIONS
 APPROVED PURSUANT TO SECTION 15 OF THE
 SUBDIVISION ACT 1988
 PLAN OF SUBDIVISION No. **PS926383S**

 DEVELOPMENT ENGINEER
 25/09/2025
 DATE APPROVED

CRUSHED ROCK BACKFILL
 CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH COUNCIL STANDARDS & SPECIFICATIONS, CLASS 3 UNLESS SPECIFIED OTHERWISE

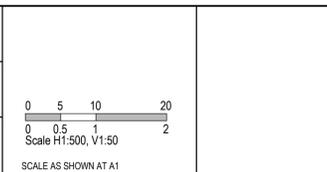
REINFORCED CONCRETE PIPES:
 ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTOR'S ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS3725-1989. LOAD ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTOR'S COST



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

Quality Management ISO 9001
 OHS Management AS/NZS 1874
 Environmental Management ISO 14001

 PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158
SUBJECT TO APPROVAL



smec
 an **sl** company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1900

mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Drainage Longitudinal Sections - 1

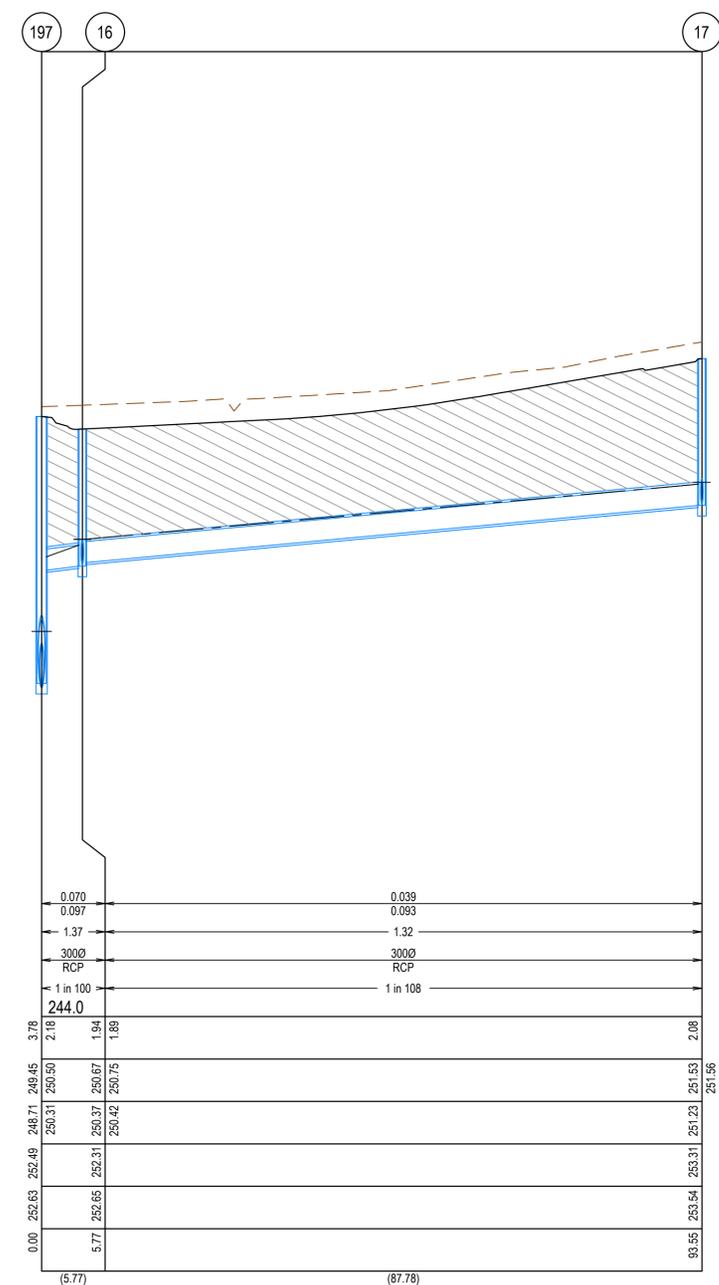
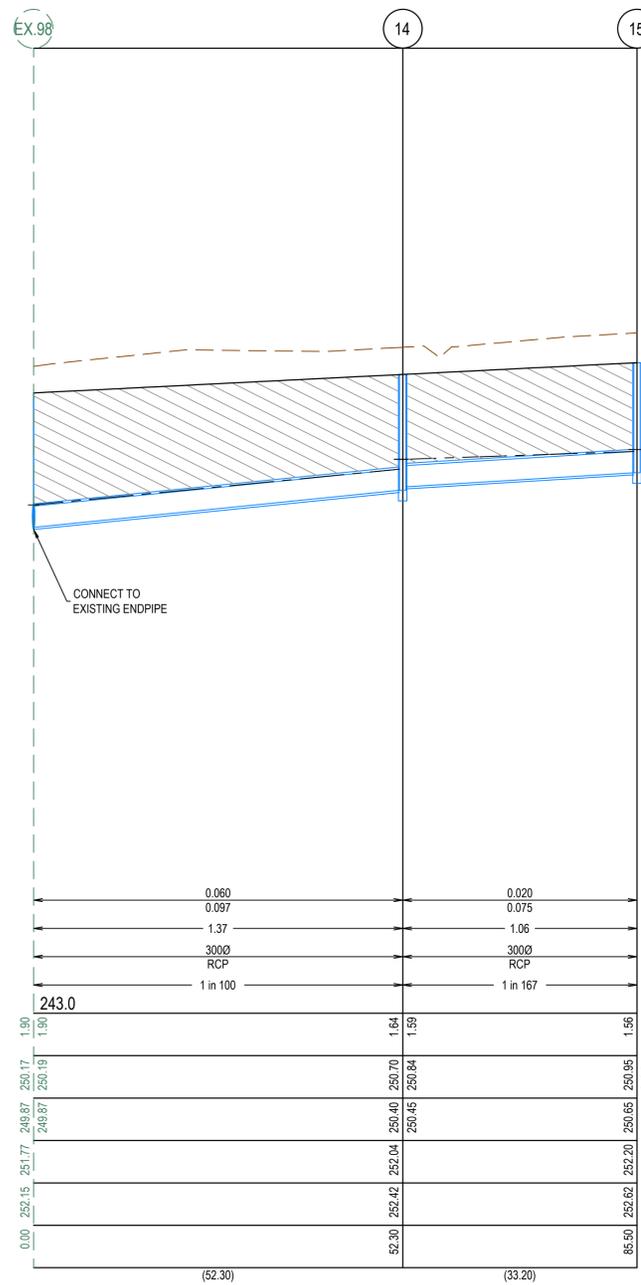
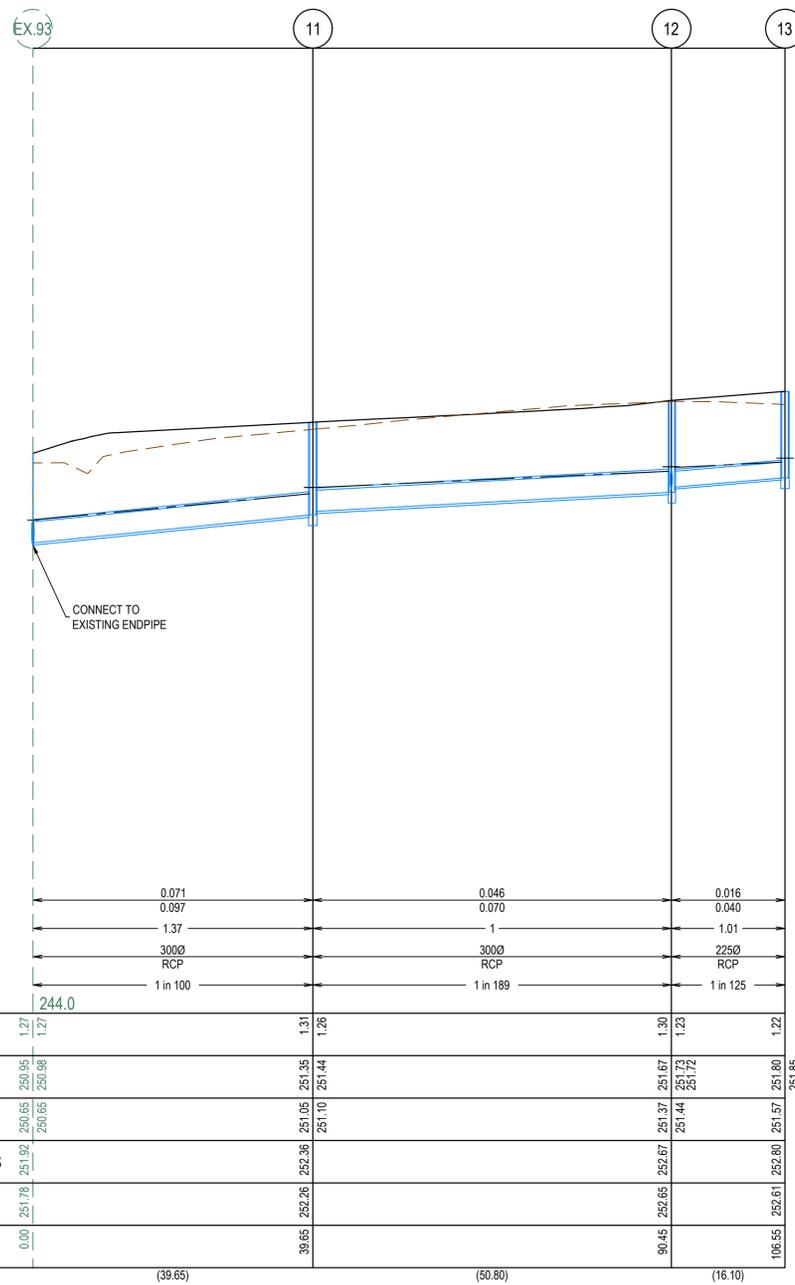
MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-301	SHEET No. 20 of 26	REVISION A
-------------------------------	---	------------------------------	----------------------

NOTES:
 • PIPES ALIGNED WITH THE ROAD RESERVES MUST BE BACKFILLED WITH 20mm CL3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 97% OF MINIMUM FOUND IN THE STANDARD COMPACTION FOR THE FOLLOWING:
 -BENEATH THE ROAD PAVEMENT OF DRIVEWAY CROSSOVER TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER
 -ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY THE 45° ANGLE OF REPOSE FROM NEAR THE LOWER EDGE
 • ALL DRAINAGE PIPES TO BE RUBBER RING BELLED SOCKET JOINT (RRJ). ALL DRAINAGE PIPES GREATER THAN 7500 WITHSTANDING THE ABOVE MAY BE FLUSHED JOINED
 • ALL DRAINAGE PIPES SHALL BE CLASS 2, UNLESS NOTED OTHERWISE

CITY OF WHITTLESEA
 ENGINEERING PLANS & SPECIFICATIONS
 APPROVED PURSUANT TO SECTION 15 OF THE
 SUBDIVISION ACT 1988
 PLAN OF SUBDIVISION No. **PS926383S**
 DEVELOPMENT ENGINEER: *JHG* DATE APPROVED: 25/09/2025

CRUSHED ROCK BACKFILL
 CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH COUNCIL STANDARDS & SPECIFICATIONS, CLASS 3 UNLESS SPECIFIED OTHERWISE

REINFORCED CONCRETE PIPES:
 ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTOR'S ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS3725-1989. LOAD ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTOR'S COST



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158
 SUBJECT TO APPROVAL

Scale H1:500, V1:50
 SCALE AS SHOWN AT A1

smec
 an **st** company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Drainage Longitudinal Sections - 2

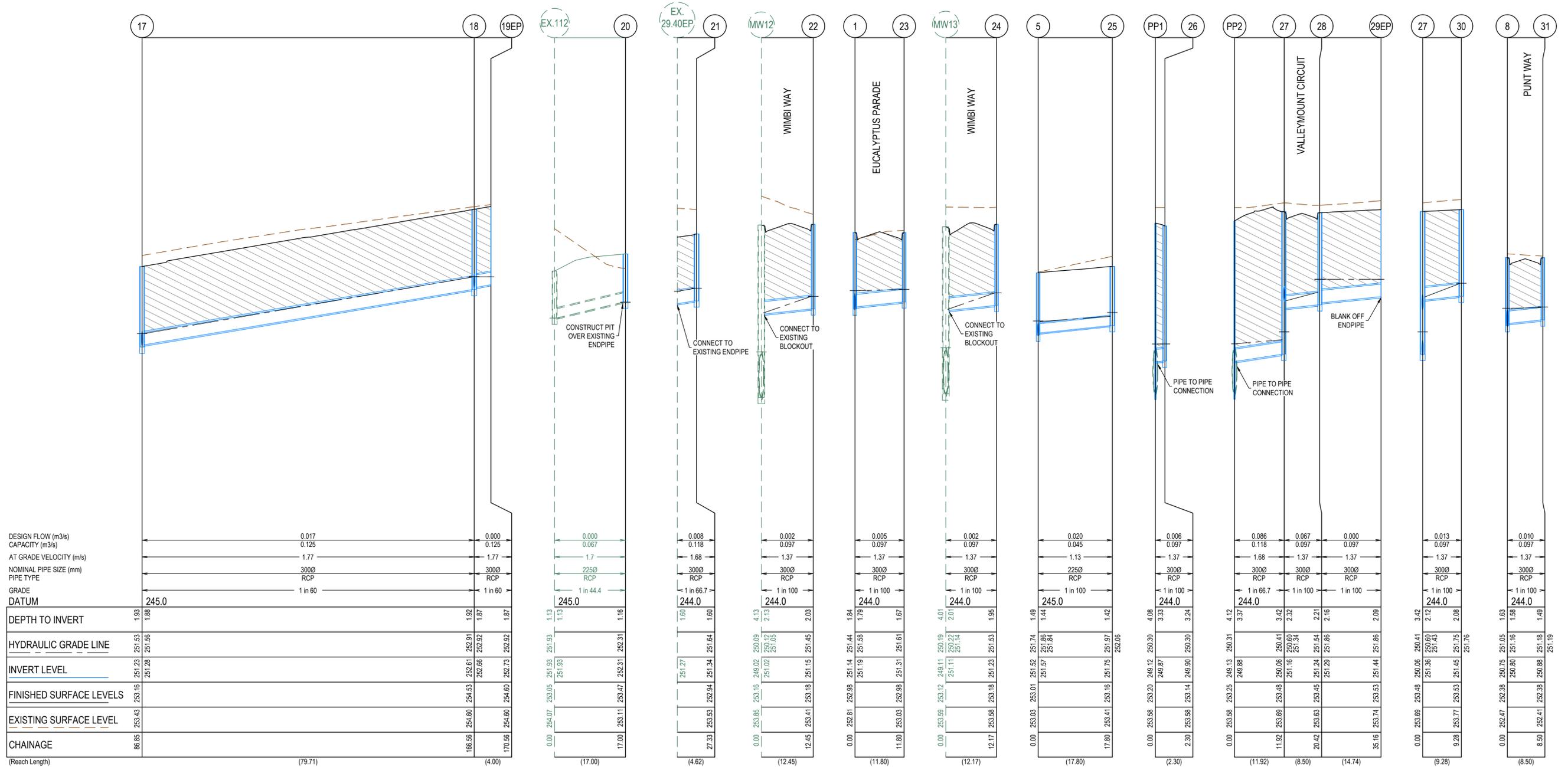
MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-302	SHEET No. 21 of 26	REVISION A
------------------------	--	-----------------------	---------------

- NOTES:
- PIPES ALIGNED WITH THE ROAD RESERVES MUST BE BACKFILLED WITH 20mm CL3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 97% OF MINIMUM FOUND IN THE STANDARD COMPACTION FOR THE FOLLOWING:
 - BENEATH THE ROAD PAVEMENT OF DRIVEWAY CROSSOVER TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER
 - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY THE 45° ANGLE OF REPOSE FROM NEAR THE LOWER EDGE
 - ALL DRAINAGE PIPES TO BE RUBBER RING BELLED SOCKET JOINT (RRJ). ALL DRAINAGE PIPES GREATER THAN 7500 WITHSTANDING THE ABOVE MAY BE FLUSHED JOINED
 - ALL DRAINAGE PIPES SHALL BE CLASS 2, UNLESS NOTED OTHERWISE

REINFORCED CONCRETE PIPES:
 ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTOR'S ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS3725-1989. LOAD ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTOR'S COST

CITY OF WHITTLESEA
 ENGINEERING PLANS & SPECIFICATIONS
 APPROVED PURSUANT TO SECTION 15 OF THE
 SUBDIVISION ACT 1988
 PLAN OF SUBDIVISION No. **PS926383S**
 25/09/2025
 DATE APPROVED

CRUSHED ROCK BACKFILL
 CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH COUNCIL STANDARDS & SPECIFICATIONS, CLASS 3 UNLESS SPECIFIED OTHERWISE



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

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

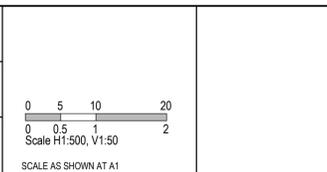
OH&S Management AS/NZS 4500
 Global-Mark.com.au®

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

PLAN OF SUB. NO.
 PS926383S

PERMIT REF. NO.
 717158

SUBJECT TO APPROVAL



smec
 an ssi company

ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1900

mirvac

Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Drainage Longitudinal Sections - 3

MELWAYS REF: 367 G11
 PROJECT / DRAWING No: 1700E-026-303

SHEET No: 22 of 26
 REVISION: A

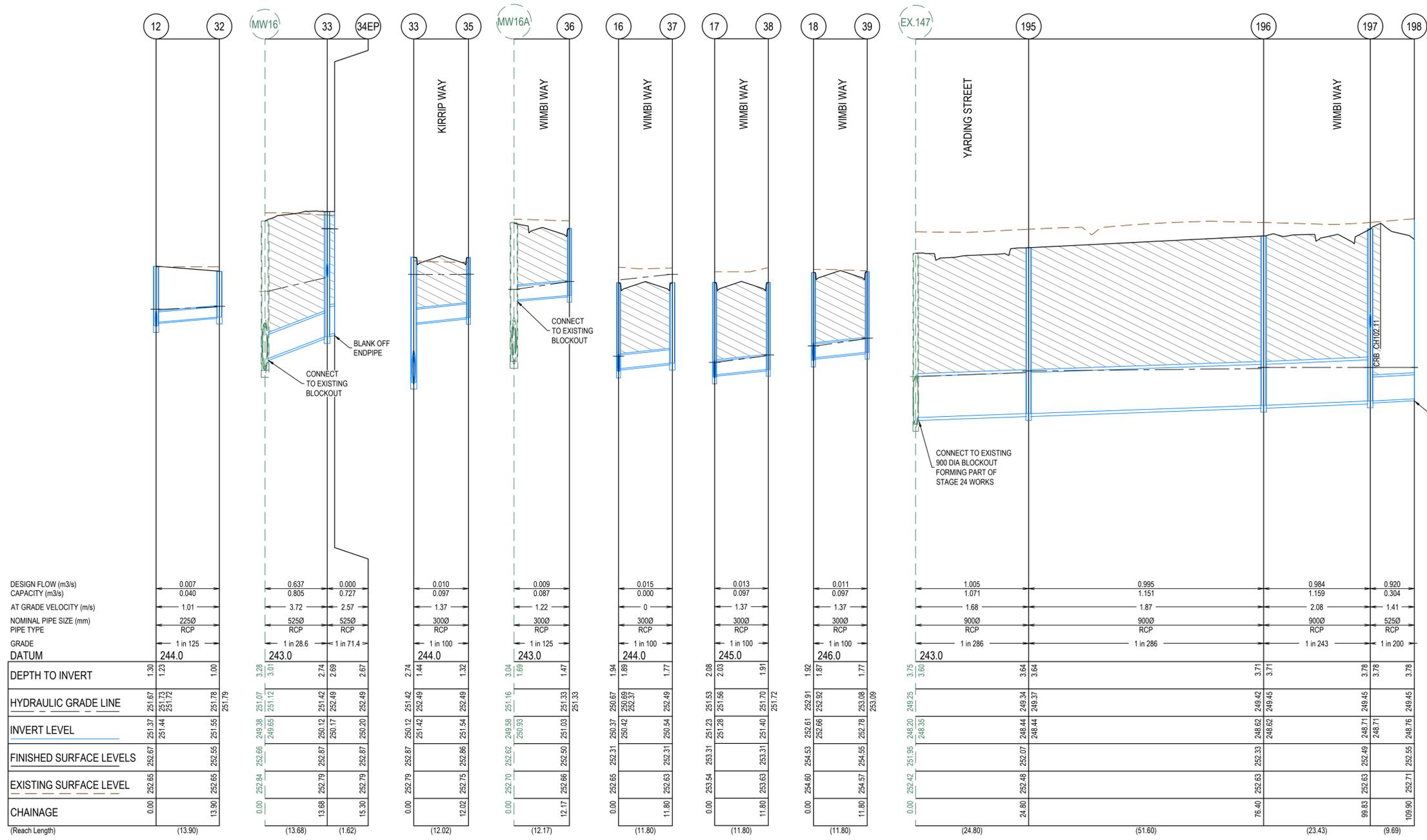
NOTES:

- PIPES ALIGNED WITH THE ROAD RESERVES MUST BE BACKFILLED WITH 20mm CL3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 97% OF MINIMUM FOUND IN THE STANDARD COMPACTION FOR THE FOLLOWING:
 - BENEATH THE ROAD PAVEMENT OF DRIVEWAY CROSSOVER TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER
 - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY THE 45° ANGLE OF REPOSE FROM NEAR THE LOWER EDGE
- ALL DRAINAGE PIPES TO BE RUBBER RING BELLED SOCKET JOINT (RRJ). ALL DRAINAGE PIPES GREATER THAN 7500 WITHSTANDING THE ABOVE MAY BE FLUSHED JOINED
- ALL DRAINAGE PIPES SHALL BE CLASS 2, UNLESS NOTED OTHERWISE

CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988
PLAN OF SUBDIVISION No. **PS926383S**
HGE 25/09/2025
DEVELOPMENT ENGINEER DATE APPROVED

CRUSHED ROCK BACKFILL
CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH COUNCIL STANDARDS & SPECIFICATIONS, CLASS 3 UNLESS SPECIFIED OTHERWISE

REINFORCED CONCRETE PIPES:
ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTOR'S ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS3725-1989. LOAD ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTOR'S COST



REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

PLAN OF SUB. NO. PS926383S
PERMIT REF. NO. 717158

SUBJECT TO APPROVAL

0 5 10 20
0.5 1 2
SCALE AS SHOWN AT

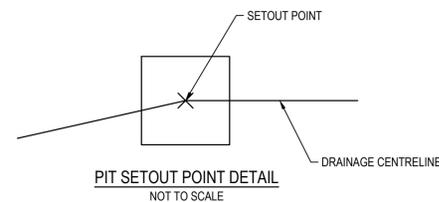
smec
an smp company
ABN 47 065 475 149
Collins Square, Tower 4, Level 20, 727 Collins St
Melbourne, VIC 3008
Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
Whittlesea City Council
Road and Drainage
Drainage Longitudinal Sections - 4

MELWAYS REF 367 G11
PROJECT / DRAWING No. 1700E-026-304
SHEET No. 23 of 26
REVISION A

PIT NUMBER	TYPE	INTERNAL		INLET		OUTLET		F.S.L.	DEPTH	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIAMETER (mm)	INV R.L. (m)	DIAMETER (mm)	INV R.L. (m)				
Ex.69	ENDPIPE			300	250.875	300	250.88	252.71	1.83		CONNECT TO EXISTING ENDDPIPE
1	SIDE ENTRY PIT	600	900	300	251.20	300	251.15	252.98	1.84	EDCM 601 & 605	
2	SIDE ENTRY PIT	600	900	300	251.42	300	251.37	253.12	1.75	EDCM 601 & 605	
3	SIDE ENTRY PIT	600	900			300	251.54	253.13	1.59	EDCM 601 & 605	
Ex.95	Ex. PIT			300	250.61	300	250.61	252.35	1.74		CONNECT TO EXISTING STUB
4	JUNCTION PIT	600	900	225	251.13	300	251.05	252.80	1.75	EDCM 605	
5	JUNCTION PIT	600	900	225	251.57	225	251.52	253.01	1.49	EDCM 605	
6	JUNCTION PIT	600	900	225	251.69	225	251.64	253.05	1.41	EDCM 605	
7	JUNCTION PIT	600	900			225	251.80	252.94	1.14	EDCM 605	
Ex.82	Ex. PIT			300	250.27	300	250.27	251.77	1.50		CONNECT TO EXISTING STUB
8	SIDE ENTRY PIT	600	900	300	250.80	300	250.75	252.38	1.63	EDCM 601 & 605	
9	JUNCTION PIT	600	900	300	251.22	300	251.17	252.69	1.52	EDCM 601 & 605	
10	SIDE ENTRY PIT	600	900			300	251.30	252.88	1.58	EDCM 601 & 605	
Ex.93	Ex. ENDDPIPE			300	250.65	300	250.65	251.92	1.27		CONNECT TO EXISTING ENDDPIPE
11	JUNCTION PIT	600	900	300	251.10	300	251.05	252.36	1.31	EDCM 605	
12	JUNCTION PIT	600	900	225	251.44	300	251.37	252.67	1.30	EDCM 605	
13	JUNCTION PIT	600	900	225	251.44	225	251.57	252.80	1.22	EDCM 605	
Ex.98	Ex. ENDDPIPE			300	249.87	300	249.87	251.77	1.90		CONNECT TO EXISTING ENDDPIPE
14	SIDE ENTRY PIT	600	900	300	250.45	300	250.40	252.04	1.64	EDCM 601 & 605	
15	SIDE ENTRY PIT	600	900	300	250.65	300	250.65	252.20	1.56	EDCM 601 & 605	
197	JUNCTION PIT	600	1300	300	250.31	900	248.71	252.49	3.78	EDCM 601 & 607	PIT TO BE HAUNCHED TO 600 x 900 COVER.
16	DOUBLE GRATED ENTRY PIT	600	900	300	250.42	300	250.37	252.31	1.94	EDCM 601 & 607	PIT TO BE HAUNCHED TO 600 x 900 COVER.
17	SIDE ENTRY PIT	600	900	300	251.28	300	251.23	253.16	1.93	EDCM 601 & 605	
18	SIDE ENTRY PIT	600	900	300	252.66	300	252.61	254.53	1.92	EDCM 601 & 605	
19EP	ENDPIPE					300	252.73	254.60	1.88		
Ex.29.40EP	Ex. ENDDPIPE			300	251.27	300	251.27	252.87	1.60		CONNECT TO EXISTING ENDDPIPE
21	JUNCTION PIT	600	900			300	251.34	252.94	1.60	EDCM 605	
20	JUNCTION PIT	600	900	225	252.31	225	252.31	253.47	1.16	EDCM 605	CONSTRUCT PIT OVER EXISTING PIPE
Ex.MW12	Ex. JUNCTION PIT	1350	900	300	251.02	1050	249.02	253.16	4.14		CONNECT TO EXISTING BLOCKOUT
22	SIDE ENTRY PIT	600	900			300	251.15	253.18	2.03	EDCM 601 & 605	
23	SIDE ENTRY PIT	600	900			300	251.31	252.98	1.67	EDCM 601 & 605	
Ex.MW13	Ex. SIDE ENTRY PIT	1350	900	300	251.11	1050	249.11	253.12	4.01		CONNECT TO EXISTING BLOCKOUT
24	SIDE ENTRY PIT	600	900			300	251.23	253.18	1.95	EDCM 601 & 605	
25	JUNCTION PIT	600	900	225	251.75	225	251.75	253.17	1.42	EDCM 605	
PP1	PIPE TO PIPE CONNECTION			300	249.87	1050	249.12	253.20	4.08	MRWA 7251/08/425	PIPE TO PIPE CONNECTION
26	SIDE ENTRY PIT	600	900			300	249.90	253.14	3.24		
PP2	PIPE TO PIPE CONNECTION			300	249.88	1050	249.13	253.26	4.12	MRWA 7251/08/425	PIPE TO PIPE CONNECTION
27	SIDE ENTRY PIT	600	900	300	251.16	300	250.06	253.48	3.42	EDCM 601 & 605	
28	SIDE ENTRY PIT	600	900	300	251.29	300	251.24	253.45	2.21	EDCM 601 & 605	
29EP	ENDPIPE					300	251.44	253.53	2.09		ENDPIPE FOR FUTURE CONNECTION
30	JUNCTION PIT	600	900			300	251.45	253.53	2.08	EDCM 605	
31	SIDE ENTRY PIT	600	900			300	250.88	252.38	1.50	EDCM 601 & 605	
32	JUNCTION PIT	600	900	225	251.55	225	251.55	252.56	1.01	EDCM 605	
Ex.MW16	Ex. PIT	1350	900	525	249.65	1050	249.38	252.66	3.28		CONNECT TO EXISTING BLOCKOUT
33	SIDE ENTRY PIT	900	900	525	250.17	525	250.12	252.87	2.74	EDCM 601 & 607	PIT TO BE HAUNCHED TO 600 x 900 COVER.
34EP	ENDPIPE					525	250.197	252.869	2.672		ENDPIPE FOR FUTURE CONNECTION
35	SIDE ENTRY PIT	600	900			300	251.544	252.861	1.317	EDCM 601 & 605	
Ex.MW16A	JUNCTION PIT	1350	900	300	250.93	900	249.58	252.612	3.032	EDCM 605	
36	SIDE ENTRY PIT	900	600			300	251.027	252.497	1.47	EDCM 601 & 605	
37	DOUBLE GRATED ENTRY PIT	600	900			300	250.539	252.311	1.772	EDCM 602 & 605	
38	SIDE ENTRY PIT	600	900			300	251.4	253.162	1.761	EDCM 601 & 605	
39	SIDE ENTRY PIT	600	900			300	252.779	254.553	1.774	EDCM 601 & 605	
Ex.147	JUNCTION PIT	1350	900	900	248.35	1050	248.2	251.953	3.753	EDCM 605	CONNECT TO EXISTING 900 DIA BLOCKOUT FORMING PART OF STAGE 24 WORKS
195	SIDE ENTRY PIT	600	1200	900	248.437	900	248.437	252.074	3.637	EDCM 601 & 607	PIT TO BE HAUNCHED TO 600 x 900 COVER.
196	JUNCTION PIT	1200	600	900	248.617	900	248.617	252.332	3.714	EDCM 601 & 607	PIT TO BE HAUNCHED TO 600 x 900 COVER.
198	ENDPIPE			525	248.762	525	248.762	252.682	3.92		ENDPIPE FOR FUTURE CONNECTION



B

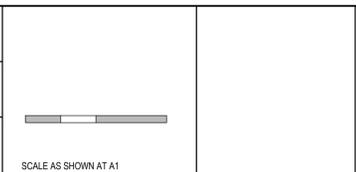
PIT NUMBER	EXISTING IL	PROPOSED IL	COVER TYPE
147	251.95	251.95	SIDE ENTRY PIT
148	252.11	252.16	SIDE ENTRY PIT
149	252.11	252.16	SIDE ENTRY PIT
150	252.55	252.55	JUNCTION PIT
155	252.59	252.60	JUNCTION PIT
156	253.63	253.65	JUNCTION PIT
157	254.49	254.51	JUNCTION PIT

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	03.07.25	PIT SCHEDULE UPDATED	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS

PLAN OF SUB. NO. PS926383S
 PERMIT REF. NO. 717158

SUBJECT TO APPROVAL

SCALE AS SHOWN AT A1



smec
an company

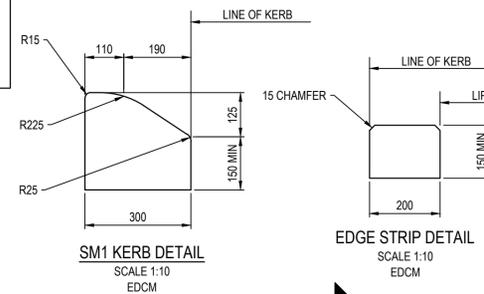
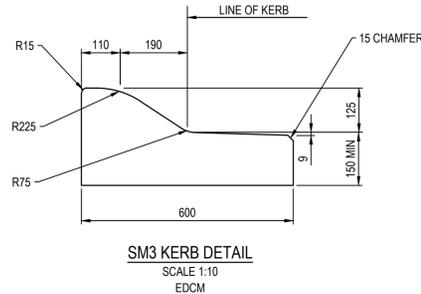
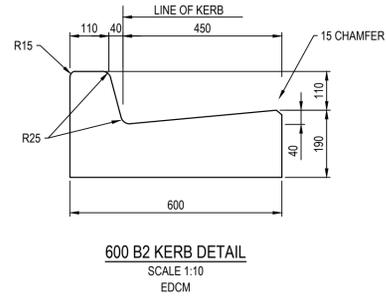
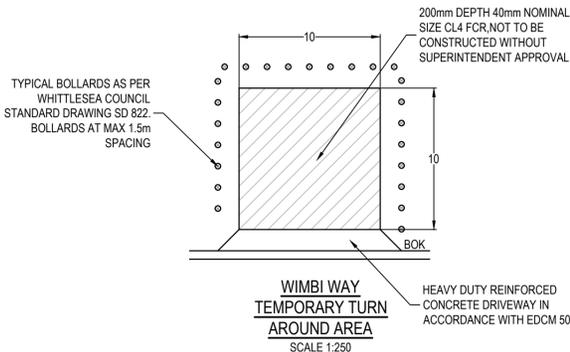
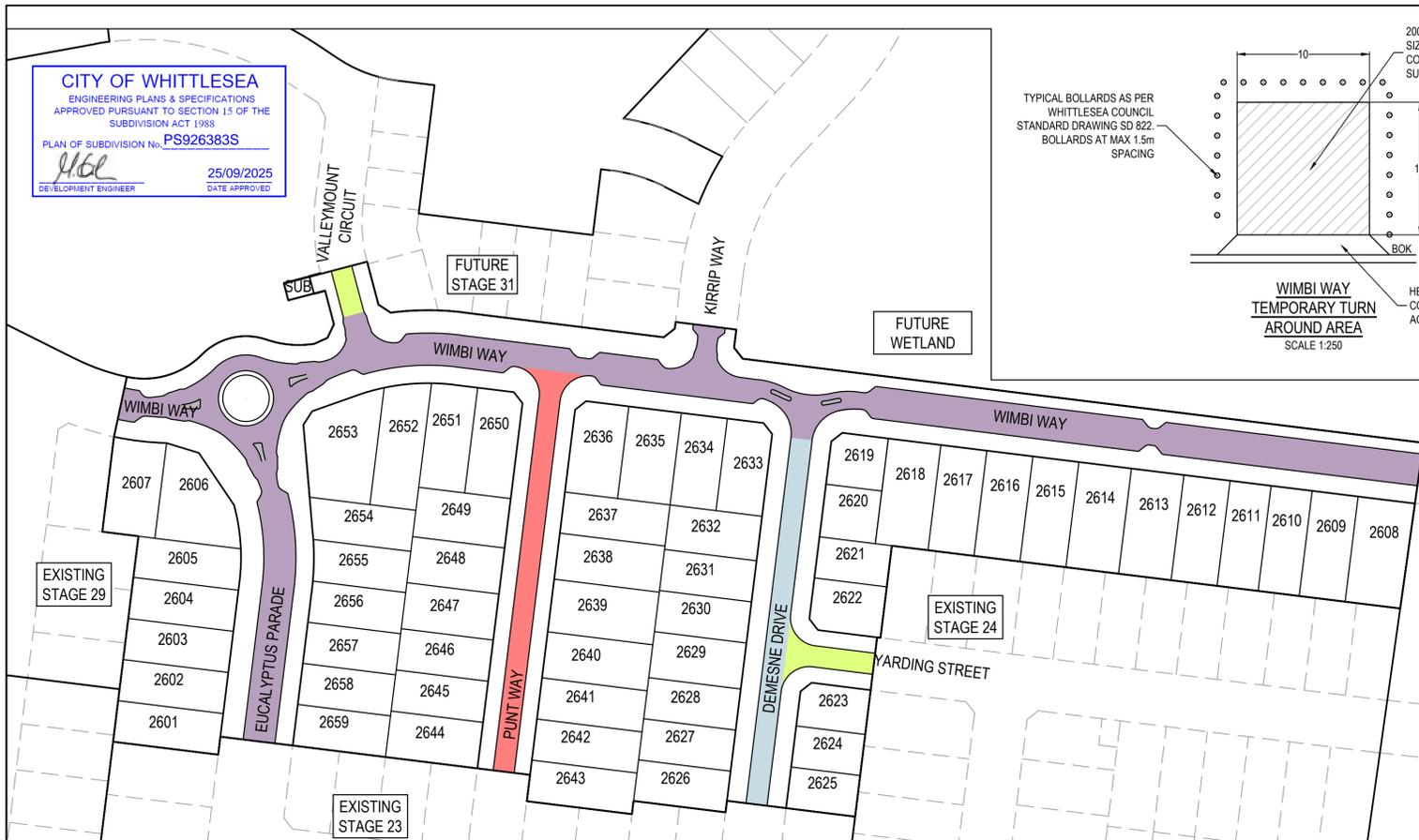
ABN 47 065 475 149
Collins Square, Tower 4, Level 20, 727 Collins St
Melbourne, VIC 3008
Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
Whittlesea City Council
Road and Drainage
Pit Schedule

MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-026-351	SHEET No. 24 of 26	REVISION B
-------------------------------	---	------------------------------	----------------------

CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988
PLAN OF SUBDIVISION NO. PS926383S
DATE APPROVED: 25/09/2025
DEVELOPMENT ENGINEER: H6L



ROAD PAVEMENT COMPOSITION - ACCESS PLACE TYPE 1 (PUNT WAY)

PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
A ASPHALT WEARING COURSE	30	SIZE 10 TYPE L ASPHALT (CLASS 320 BINDER)
B ASPHALT BASE COURSE	30	SIZE 10 TYPE N ASPHALT (CLASS 320 BINDER)
C SAMII SEAL	6.7	SIZE 10 S18RF
D PRIME	YES	
E BASE COURSE	130	SIZE 20 CLASS 2 CRUSHED ROCK COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
F UPPER SUBBASE	100	CLASS 3 CRUSHED ROCK (OR HIGHER QUALITY MATERIAL) COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
G LOWER SUBBASE	160	CLASS 4 CRUSHED ROCK (OR HIGHER QUALITY MATERIAL) COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
H CAPPING LAYER	150	IMPORTED TYPE A FILL WITH CBR≥8% SWELL≤1.5% PERMEABILITY k≤5x10 m/s COMPACTED TO 98% MDD (STANDARD)
I CONSTRUCTION LAYER	150	IMPORTED TYPE A FILL WITH CBR≥8% SWELL≤1.5% PERMEABILITY k≤5x10 m/s COMPACTED TO 98% MDD (STANDARD)
J SUBGRADE		SUBGRADE CLAY AS FOUND (DESIGN CBR = 2% EXPANSIVE)

ROAD PAVEMENT COMPOSITION - ACCESS PLACE TYPE 2 (YARDING STREET, VALLEYMOUNT CIRCUIT & KIRRIIP WAY)

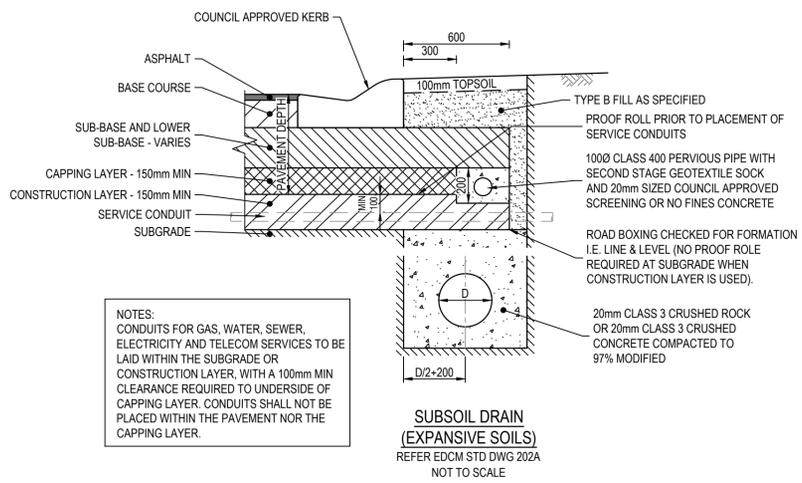
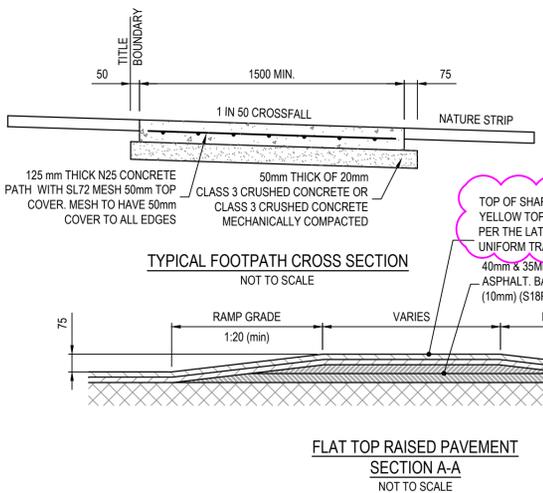
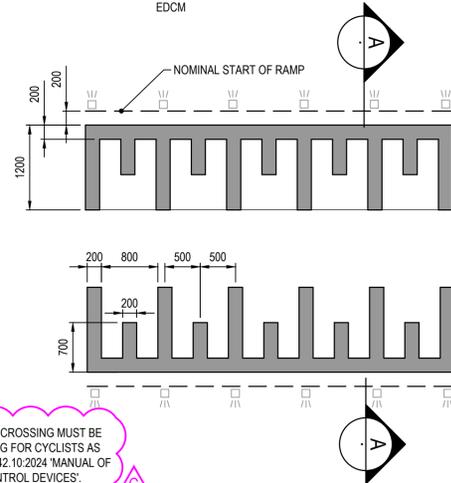
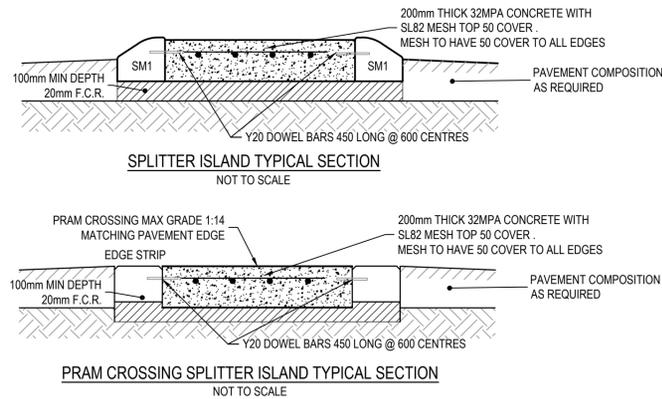
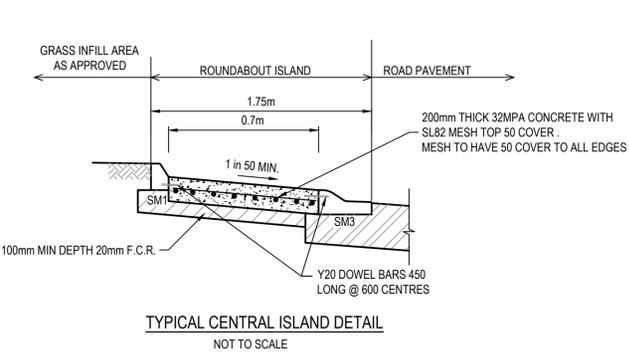
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
A ASPHALT WEARING COURSE	30	SIZE 10 TYPE L ASPHALT (CLASS 320 BINDER)
B ASPHALT BASE COURSE	30	SIZE 10 TYPE N ASPHALT (CLASS 320 BINDER)
C SAMII SEAL	6.7	SIZE 10 S18RF
D PRIME	YES	
E BASE COURSE	130	SIZE 20 CLASS 2 CRUSHED ROCK COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
F UPPER SUBBASE	110	CLASS 3 CRUSHED ROCK (OR HIGHER QUALITY MATERIAL) COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
G LOWER SUBBASE	180	CLASS 4 CRUSHED ROCK (OR HIGHER QUALITY MATERIAL) COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
H CAPPING LAYER	150	IMPORTED TYPE A FILL WITH CBR≥8% SWELL≤1.5% PERMEABILITY k≤5x10 m/s COMPACTED TO 98% MDD (STANDARD)
I CONSTRUCTION LAYER	150	IMPORTED TYPE A FILL WITH CBR≥8% SWELL≤1.5% PERMEABILITY k≤5x10 m/s COMPACTED TO 98% MDD (STANDARD)
J SUBGRADE		SUBGRADE CLAY AS FOUND (DESIGN CBR = 2% EXPANSIVE)

ROAD PAVEMENT COMPOSITION - ACCESS STREET LEVEL 2 TYPE 3 (DEMESNE DRIVE)

PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
A ASPHALT WEARING COURSE	40	SIZE 14 TYPE N ASPHALT (CLASS 320 BINDER)
B ASPHALT BASE COURSE	40	SIZE 14 TYPE HP ASPHALT (CLASS A10E BINDER)
C SAMII SEAL	6.7	SIZE 10 S18RF
D PRIME	YES	
E BASE COURSE	110	SIZE 20 CLASS 2 CRUSHED ROCK COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
F UPPER SUBBASE	190	CLASS 3 CRUSHED ROCK (OR HIGHER QUALITY MATERIAL) COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
G LOWER SUBBASE	200	CLASS 4 CRUSHED ROCK (OR HIGHER QUALITY MATERIAL) COMPACTED TO A MINIMUM DENSITY OF 98% MDD (MODIFIED) AS1289.5.2.1
H CAPPING LAYER	150	IMPORTED TYPE A FILL WITH CBR≥8% SWELL≤1.5% PERMEABILITY k≤5x10 m/s COMPACTED TO 98% MDD (STANDARD)
I CONSTRUCTION LAYER	150	IMPORTED TYPE A FILL WITH CBR≥8% SWELL≤1.5% PERMEABILITY k≤5x10 m/s COMPACTED TO 98% MDD (STANDARD)
J SUBGRADE		SUBGRADE CLAY AS FOUND (DESIGN CBR = 2% EXPANSIVE)

ROAD PAVEMENT COMPOSITION - CONNECTOR STREET TYPE 4 (EUCALYPTUS PARADE & WIMBI WAY)

PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
A WEARING COURSE	40	SIZE 14 TYPE H ASPHALT (CLASS 320 BINDER)
B INTERMEDIATE COURSE	75	SIZE 20 TYPE SI ASPHALT (CLASS 320 BINDER)
C BASE COURSE	75	SIZE 20 TYPE SI ASPHALT (CLASS 320 BINDER)
D PRIME	-	
E BASE COURSE	100	SIZE 20 NOMINAL SIZE CLASS 3 CEMENT TREATED CRUSHED ROCK, COMPACTED TO A AT LEAST 98% MDD (MODIFIED DRY DENSITY RATIO) AT A MOISTURE CONTENT WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT WITH A MINIMUM YOUNG'S MODULUS OF 500 MPa. MINIMUM DESIGN CEMENTITIOUS BINDER CONTENT OF 3% BY MASS AS PER VICROADS SPECIFICATION 8015, TABLE 815.101.
F UPPER SUBBASE	100	CLASS 4 CRUSHED ROCK OR CLASS C64 CRUSHED CONCRETE (OR HIGHER QUALITY MATERIAL) COMPACTED TO A MINIMUM DENSITY OF 95% (MODIFIED) AS1289.5.2.1
H CAPPING LAYER	150	IMPORTED TYPE A FILL WITH CBR≥8% SWELL≤1.5% PERMEABILITY k≤5x10 m/s COMPACTED TO 98% MDD (STANDARD)
I CONSTRUCTION LAYER	150	IMPORTED TYPE A FILL WITH CBR≥8% SWELL≤1.5% PERMEABILITY k≤5x10 m/s COMPACTED TO 98% MDD (STANDARD)
J SUBGRADE		SUBGRADE CLAY AS FOUND (DESIGN CBR = 2% EXPANSIVE)



NOTE:
CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 AND NOT TO BE TRAFFICKED UNTIL AT LEAST SEVEN DAYS AFTER POURING.

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

JOINT DETAIL NOTES:

- SAW JOINTS ARE TO BE PLACED AT A MAXIMUM 5m SPACING AT INTERSECTIONS AND CONSTRUCTED 18-24 HOURS AFTER POURING.
- TRANSVERSE/CONTRACTION JOINTS ARE TO BE PLACED AT A MAXIMUM SPACING OF 12m.
- ISOLATION JOINTS ARE TO BE PLACED AROUND PITS.
- ALL JOINTS SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH "CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA - CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS 1997".

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS
B	11.08.25	FLAT TOP DETAIL AMENDED	N.SHRESTHA	C.PIERRE	R.KOZUL	A.BURROWS
C	01.09.25	RAISED PAVEMENT AMENDED	K.KANG	C.PIERRE	R.KOZUL	G.CORREIA

PLAN OF SUB. NO. PS926383S
PERMIT REF. NO. 717158

SUBJECT TO APPROVAL

Scale 1:1000
SCALE AS SHOWN AT 1

smec
an **sl** company
ABN 47 065 475 149
Collins Square, Tower 4, Level 20, 727 Collins St
Melbourne, VIC 3008
Ph 03 9514 1500

mirvac

Olivine Estate - Stage 26
Whittlesea City Council
Road and Drainage
Pavement Details

MELBOURNE REF: 367 G11
PROJECT / DRAWING No: 1700E-026-411
SHEET No: 25 of 26
REVISION: C

PHASE	DISCIPLINE CODE	POTENTIAL RISK (Construction, Operations, Maintenance)	RISK OWNER	POTENTIAL CONSEQUENCES	POTENTIAL ELIMINATION MEASURE, DESIGN INITIATIVE or CONTROL (Identify any Standard or Code of practice used)	HOW ISSUE ADDRESSED IN DESIGN AND/OR CONSTRUCTION OF THE WORKS	IS THE RISK ELIMINATED? YES / NO	RESIDUAL RISK LIKELIHOOD (0-5)	RESIDUAL RISK CONSEQUENCE (0-5)	RESIDUAL RISK RATING	RESIDUAL RISK OWNER		
Road Furniture / Roadside Features													
Construction	RD	Roads	Construction close to live traffic	New works will be constructed adjacent to live traffic when abutting existing stages.	Contractor	Disruptions to live traffic, construction incident involving live traffic.	Provide safe temporary traffic control (TCP)	TCP provided within contract	N	5	3	15	Constructor
Construction	RD	Roads	Culverts	Potential risk from culverts under construction and height / fall hazards	Contractor	Falling from a height	Temporary barriers to be provided	Temporary barrier provided in contract	N	2	5	10	Constructor
Construction	US	Utilities or Services	Utilities become a hazard within clear zones	Vehicle conflict with utility / pit	Contractor	Personal injury, vehicle damage	Sequence works and protect with temp barrier or traffic control (TCP)	TCP provided within contract	N	1	5	5	Constructor
Operational	RD	Roads	Sight Lines	Inadequate drivers response time.	Road Authority	Increased potential for accidents	Ensure design complies with relevant standard. Undertake thorough Safety Audit	Vis lines checked and discussed with approval authority as part of design approval process	N	1	4	4	Road Authority
Operational	LS	Lines and Signs	Signs and street lights	Potential for drivers / riders to strike signs and street lights	Road Authority	Increased potential for accidents	Ensure design complies with relevant standard. Undertake thorough Safety Audit	Refer to appropriate standard for sign and lighting offsets	N	1	4	4	Road Authority
Operational	RF	Road Furniture	Headwalls	Potential vehicle conflict within clear zone	Road Authority	Increased potential for accidents	Establish adequate clear zone provision	Adequate barrier provided as per appropriate standard where within clear zone. Culvert headwall selection in accordance with authority standard	N	2	4	8	Road Authority
Operational	RD	Roads	Culverts	Potential fall hazard during maintenance, by vehicles and pedestrians	Relevant Authority	Falling from a height	Barriers to be provided in accordance with road standards	Barriers to be provided and safe batter slopes (>1.3)	N	2	5	10	Constructor
Drainage													
Operational	DR	Drainage	Grated Pits	Trip/fall hazard with large spaced grate	Relevant Authority	Increased potential for accidents	Provide pedestrian/bicycle friendly grates where applicable. Refer to pit schedule	Design in accordance with authority and manufacturers standards	N	3	2	6	Authority
Operational	DR	Drainage	Non Standard Large Pits	Potential for pit failure	Relevant Authority	Increased risk to maintenance crews/ vehicles	Structural design in accordance with relevant design principles.	Refer to structural drawings and calculations	N	1	4	4	Authority
Operational	DR	Drainage	Culvert Endwalls/Headwalls	Potential for falling from height	Relevant Authority	Increased potential for accidents	Fencing to be provided where culverts/headwalls are at height in accordance with relevant authority standards	Allow for fencing in Design Process	N	1	4	4	Authority
Operational	DR	Drainage	Culvert Endwall/Headwall Outlets	Children playing in large pipes / watercourses and access for maintenance	Relevant Authority	Increased potential for accidents	Grate provided to authority standards	Design in accordance with authority and manufacturers standards	N	2	5	10	Authority
Maintenance	DR	Drainage	Access to Pits	Lack of safe access for maintenance	Relevant Authority	Increased risk to maintenance crews	Provide safe working conditions for maintenance. Provide safe landing/ access arrangements as per relevant authority standards	Where possible design pit in location for easy access and outside of permanent water bodies	N	2	5	10	Authority
Maintenance	DR	Drainage	Deep Pits	Lack of safe entry for maintenance	Relevant Authority	Increased potential for accidents	Contractor to be certified for work in confined spaces, step irons to be provided to appropriate authority standards. Refer to pit schedule	Design in accordance with authority standards	N	1	5	5	Authority
Maintenance	DR	Drainage	Access to drains / culverts	Lack of safe access for maintenance	Relevant Authority	Increased risk to maintenance crews	Provide safe working conditions for maintenance. Access as approved by authority	Design pit in location for easy access as agreed with authority	N	2	3	6	Authority
Sewer													
Construction	SE	Sewer	Sewer Manhole located adjacent to Retaining Wall Alignment	Falling from height during construction or commissioning of adjacent sewer manholes	Contractor	Falling from a height	Provide temporary fencing until such time that permanent fencing is constructed	Provide fencing (at heights) during design process	N	1	1	1	Constructor
Maintenance	SE	Sewer	Deep Manholes	Lack of safe entry for maintenance	Relevant Authority	Increased potential for accidents	Contractor to be certified for work in confined spaces, landings and step access provided as per authority standards and schedule	Design in accordance with authority standards. Refer pit schedule on drawings	N	1	5	5	Authority
Maintenance	SE	Sewer	Access to Manholes	Lack of safe access for maintenance	Relevant Authority	Increased risk to maintenance crews	Provide safe working conditions for maintenance. Manholes located in compliance with authority standards	Where possible design manhole in location for easy access	N	1	5	5	Authority
Electricity													
Operational	ES	Electrical Services	Electrical Design	Location of assets within clear zones e.g. pits/ substations	Relevant Authority	Increased potential for accidents	Electrical designed by sub consultant with appropriate accreditation and in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	2	3	6	Authority
Telstra													
Operational	TE	Telstra	Telstra Design	Location of assets within clear zones e.g. pits	Relevant Authority	Increased potential for accidents	Telecommunications designed by authority consultant with appropriate accreditation and in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	2	3	6	Authority
Water													
Operational	WA	Water	Water Design	Location of assets within clear zones e.g. pits/ substations	Relevant Authority	Increased potential for accidents	Water pits designed in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	2	3	6	Authority
Gas													
Operational	GA	Gas	Gas Design	Location of assets within clear zones e.g. pits/ substations	Relevant Authority	Increased potential for accidents	Water pits designed in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	1	1	1	Authority

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DRAFTER	DESIGNER	CHECKER	APPROVER
A	23.05.25	ISSUED FOR APPROVAL	M.STACEY	C.PIERRE	R.KOZUL	A.BURROWS





PLAN OF SUB. NO.
 PS926383S
 PERMIT REF. NO.
 717158

SUBJECT TO APPROVAL

SCALE AS SHOWN AT A1



 an s1 company
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins St
 Melbourne, VIC 3008
 Ph 03 9514 1500



Olivine Estate - Stage 26
 Whittlesea City Council
 Road and Drainage
 Safety In Design

MELWAYS REF: 367 G11
 PROJECT / DRAWING No: 1700E-026-500
 SHEET No: 26 of 26
 REVISION: A