

MARRAN RUN STAGE 2A YOURLAND DEVELOPMENTS

GENERAL NOTES:

SURVEY

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) 94, ZONE 55.
- ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN $\pm 0.05\text{m}$.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE MUNICIPAL ENGINEER OR HIS REPRESENTATIVE.
- ROAD CHAINAGES REFER TO ROAD CENTRELINES. CHAINAGES FOR INTERSECTIONS AND CUL-DE-SACS REFER TO THE TIP OF KERB.

EARTHWORKS

- THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- WHERE REQUIRED ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DETAILLED IN THE SCHEDULE.
- ALL EXCAVATED ROCK AND SURPLUS SPOIL TO BE REMOVED AND DISPOSED OFF SITE UNLESS NOTED OTHERWISE.
- ALL FILLING ON LOTS AND WITHIN ROAD RESERVES GREATER THAN 200mm IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.
- FILLING MATERIAL IS TO BE IN ACCORDANCE WITH THE SPECIFICATION, AS 3798-2007 & TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.
- ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED OR APPROVED BY THE SUPERINTENDENT.
- TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF T.B.M.'S THEREAFTER.
- AT LEAST 3 DAYS PRIOR TO COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 150mm DEEP, A NOTIFICATION FORM MUST BE SENT TO WORKSAFE. THE CONTRACTOR IS TO COMPLY WITH WORKSAFE, THE MINES (TRENCHES) REGULATION 1982, THE MINES ACT 1958 AND OCCUPATIONAL HEALTH AND SAFETY ACT 1985, 2004.

- ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND KERB AND CHANNEL OR PAVED TRAFFIC AREAS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
- WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, DESILTED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED, APPROVED AND LEVELED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING. THE FILL SHALL BE APPROVED SELECTED ON SITE MATERIAL OR APPROVED IMPORTED MATERIAL. THE FILL SHALL BE PLACED UNDER CONTROLLED MOISTURE CONDITIONS IN ACCORDANCE WITH THE SPECIFICATION.

- NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCIL'S PERMISSION.

SERVICES

- GAS AND WATER CONDUITS ARE TO BE .
Ø50mm . CLASS 12 P.V.C. - SINGLE SERVICE
Ø100mm . CLASS 12 P.V.C. - DUAL SERVICE (DRINKING AND NON DRINKING WATER)
WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:
ROAD PAVEMENT - 0.80m
VERGE, FOOTPATHS - 0.45m
- ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION.
- WATER TAPPINGS TO BE LOCATED IN ACCORDANCE WITH MW-10 STANDARDS UNLESS OTHERWISE SHOWN.
- TELSTRA ARE TO BE NOTIFIED 7 DAYS PRIOR TO PLACEMENT OF CONCRETE WORKS.

STORM WATER DRAINAGE

- AG/SUBSOIL DRAIN TO BE LAID BEHIND KERB WHERE REQUIRED IN ACCORDANCE WITH THE COUNCIL STANDARD DRAWINGS AND CONNECTED TO UNDERGROUND DRAINAGE.
- ALL STORMWATER DRAINS ARE TO BE CLASS "2" R.C. PIPES UNLESS OTHERWISE SHOWN. ALL R.C. JOINTS ARE TO BE RUBBER RING JOINTED (R.R.J.).

- CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m (WHERE OUTSIDE OF SEWER) FROM THE PROPERTY LINE UNLESS SHOWN OTHERWISE.
- WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. CURVED PIPES ARE TO BE APPROVED BY COUNCIL AND IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
- HOUSE DRAINS NOT OUT OF PIT TO BE OFFSET IN ACCORDANCE WITH COUNCIL STANDARDS UNLESS NOTED OTHERWISE.
- ALL HOUSE DRAINS AND PROPERTY INLETS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARDS EDM 701 TO EDM 704.

PAVEMENT

- PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENSIFIED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL PAVEMENT DEPTH.
- WHERE PAVEMENT IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL. FILLING TO BE CONSTRUCTED IN LAYERS 150mm THICK WITH COMPACTION ACHIEVING 95% AUSTRALIAN STANDARD DENSITY.
- WHEN PAVEMENT EXCAVATION IS IN ROCK ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUB-GRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
- ALL FOOTPATHS AND PEDESTRIAN CROSSING KERB RAMP TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWINGS EDM 401 & 403.
- ALL RESIDENTIAL VEHICLE CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWINGS EDM 501 & 502. ALL INDUSTRIAL VEHICLE CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWING EDM 503.

SIGNAGE AND LITEMARKING

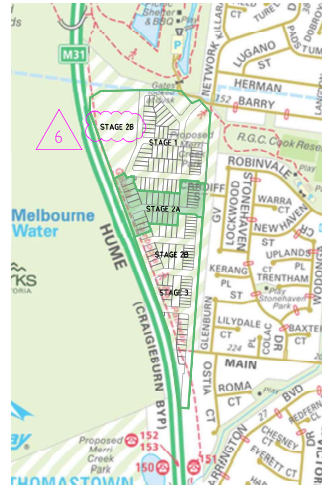
- LITEMARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742 SERIES UNLESS NOTED OTHERWISE. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD 825.
- ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE SUPPLIED AND MAINTAINED IN ACCORDANCE WITH AS 1742-3.
- TACTILE GROUND SURFACE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE DISABILITY DISCRIMINATION ACT AND RELEVANT COUNCIL STANDARD DRAWINGS.

ENVIRONMENTAL

- CONTRACTOR TO PROVIDE AN ENVIRONMENTAL MANAGEMENT PLAN INCLUDING SILT AND SEDIMENT RUNOFF PROTECTION ETC. PRIOR TO THE COMMENCEMENT OF WORKS.
- ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE SUPERINTENDENT.
- TREES NOT SPECIFIED FOR REMOVAL ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS.
- THE CONTRACTOR IS REQUIRED TO OBTAIN A 'PERMIT TO WORK' FROM MELBOURNE WATER'S SURVEILLANCE OFFICER AT THE PRE-COMMENCEMENT MEETING. THE CONTRACTOR IS REQUIRED TO ENSURE THAT THE 'PERMIT TO WORK' IS KEPT UP TO DATE FOR THE DURATION OF THE CONTRACT.

CONSERVATION AREA

- THE CONSERVATION AREA WILL BE VESTED WITH STAGE 2B.



LOCALITY PLAN

NOT TO SCALE

DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
CR100	GENERAL NOTES	1	6
CR200	FACE PLAN	2	
CR202	SERVICES PLAN - SHEET 1	3	3
CR203	SERVICES PLAN - SHEET 2	4	4
CR300	ROAD LONG SECTIONS - SHEET 1	5	1
CR301	ROAD LONG SECTIONS - SHEET 2	6	1
CR400	ROAD CROSS SECTIONS - SHEET 1	7	0
CR401	ROAD CROSS SECTIONS - SHEET 2	8	1
CR402	ROAD CROSS SECTIONS - SHEET 3	9	1
CR500	INTERSECTION DETAILS - SHEET 1	10	0
CR501	INTERSECTION DETAILS - SHEET 2	11	1
CR600	DRAINAGE LONG SECTIONS - SHEET 1	12	1
CR601	DRAINAGE LONG SECTIONS - SHEET 2	13	1
CR602	DRAINAGE LONG SECTIONS - SHEET 3	14	1
CR605	DRAINAGE PIT SCHEDULE & PIT SETOUT DETAILS	15	3
CR700	PAVEMENT AND TYPICAL DETAILS	16	3
CR701	FOOTPATH SETOUT AND RESERVE DETAILS	17	1
CR800	SIGNAGE AND LITEMARKING	18	3



WARNING

BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY. AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

LEGEND

DESCRIPTION

	WATER MAIN, VALVE AND HYDRANT
	UNDERGROUND ELECTRICITY
	OVERHEAD ELECTRICITY & POLE
	OPTIC FIBRE
	GAS MAIN
	SEWER & MAINTENANCE STRUCTURE
	CENTRAL INVERT
	COUNCIL STORMWATER DRAIN AND PIT
	STORM WATER DRAINAGE PROPERTY INLETS
	COUNCIL STORM WATER PITS
	HOUSE DRAIN
	AG DRAIN AND FLUSHER
	STORM WATER DRAINAGE PIT NUMBER
	GAS & WATER CONDUITS
	CONCRETE VEHICLE CROSSING
	NON-STANDARD CONCRETE VEHICLE CROSSING REFER CR700
	CONCRETE VEHICLE CROSSING (INDUSTRIAL)
	RIDGE / CHANGE OF GRADE LINE
	SURFACE CONTOUR MINOR
	SURFACE CONTOUR MAJOR
	SURFACE LEVEL
	BATTER LEVEL (TOP / TOE)
	EARTHWORKS GRADE
	SIGN AND POST
	STREET SIGN
	PERMANENT SURVEY MARK
	BOLLARD
	ROAD CHAINAGES
	LOT CHAINAGES
	SETOUT POINT
	LIMIT OF WORKS
	BATTER
	EXCAVATION GREATER THAN 0.20m
	FILLING GREATER THAN 0.20m
	BOUNDARY BATTER
	FENCE - VEHICLE EXCLUSION
	FENCES
	TREE TO BE REMOVED
	SHARED PATH
	FOOTPATH
	PAVEMENT
	TACTILE GROUND SURFACE INDICATOR
	NATIVE VEGETATION TO BE RETAINED
	NATIVE VEGETATION TO BE REMOVED
	STREET TREES
	FALL OF LOT
	FALL ARROW

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

PLAN OF SUBDIVISION No. **PS909555L**

DEVELOPMENT ENGINEER

28/02/2025
DATE APPROVED

Rev	Amendments	Approved	Date
6	LABEL ADDED TO LOCALITY PLAN	PMC	24/01/25
5	MINOR COMMENTS ADDED	PMC	17/01/25
4	ELECTRICAL, DRAINAGE & SEWAGE EASEMENTS ADDED	PMC	13/12/24
3	STAGE EXTENTS AMENDED	P.C.	19/11/24
2	VEHICLE CROSSING AMENDED	P.C.	22/12/23
1	DRAWING SCHEDULE AMENDED	P.C.	16/11/23
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
E	DRAWING SCHEDULE AMENDED	P.C.	02/08/23



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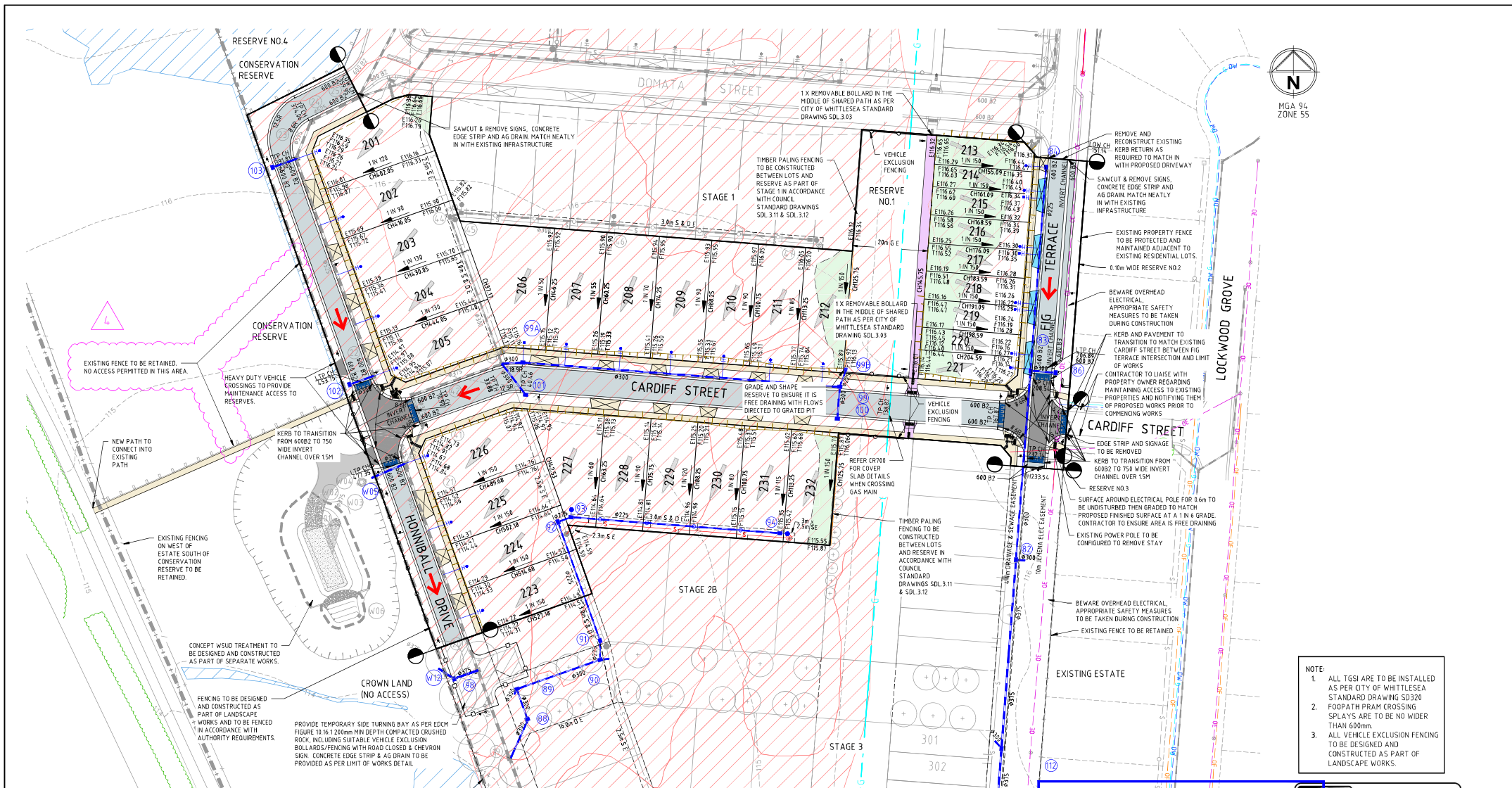
YourLand
Developments

Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)
Checked
J.POYNER
Date
15/11/22

**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
GENERAL NOTES**
CITY OF WHITLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION 309856CR100 6

File name: 389856CR200.dwg, User: j.poyner, Date: 28/02/2025, Plot: 2 of 18 Sheets



- NOTE:
1. ALL TGS ARE TO BE INSTALLED AS PER CITY OF WHITTLESEA STANDARD DRAWING SD320
 2. FOOTPATH CROSSING SPLAYS ARE TO BE NO WIDER THAN 600mm.
 3. ALL VEHICLE EXCLUSION FENCING TO BE DESIGNED AND CONSTRUCTED AS PART OF LANDSCAPE WORKS.

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

PLAN OF SUBDIVISION No. **PS909555L**

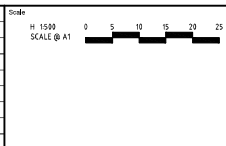
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NEAR OVERHEAD ELECTRICITY TRANSMISSION LINES.

28/02/2025
DATE APPROVED

4	MINOR COMMENTS ADDED	PMC	17/01/25
3	ELECTRICAL, DRAINAGE & SEWAGE EASEMENTS ADDED	PMC	13/12/24
2	STAGE EXTENTS AMENDED	P.C.	19/11/24
1	VEHICLE CROSSING & NOTES AMENDED	P.C.	22/12/23
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
E	NOTE, KERB TYPE & FOOTPATH AMENDED	P.C.	02/08/23
D	DRAINAGE, PIT, RAISED PAVEMENT & NOTES ADDED	P.C.	31/07/23
C	HOUSE DRAIN, LOT FALL, FOOTPATH, EASEMENT, NOTES, DRIVEWAY & SIGN AMENDED J.P.P.	J.P.P.	03/07/23
Rev	Amendments	Approved	Date



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Authorised
P.CURNOW (PE004069)
Checked
J.POYNER
Date
15/11/22

**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
FACE PLAN
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS**

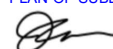
CONSTRUCTION 309856CR200
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- NOTE:
1. ALL TGS ARE TO BE INSTALLED AS PER CITY OF WHITTLESEA STANDARD DRAWING SD320
 2. FOOTPATH PRAM CROSSING SPLAYS ARE TO BE NO WIDER THAN 600mm
 3. ALL VEHICLE EXCLUSION FENCING TO BE DESIGNED AND CONSTRUCTED AS PART OF LANDSCAPE WORKS.

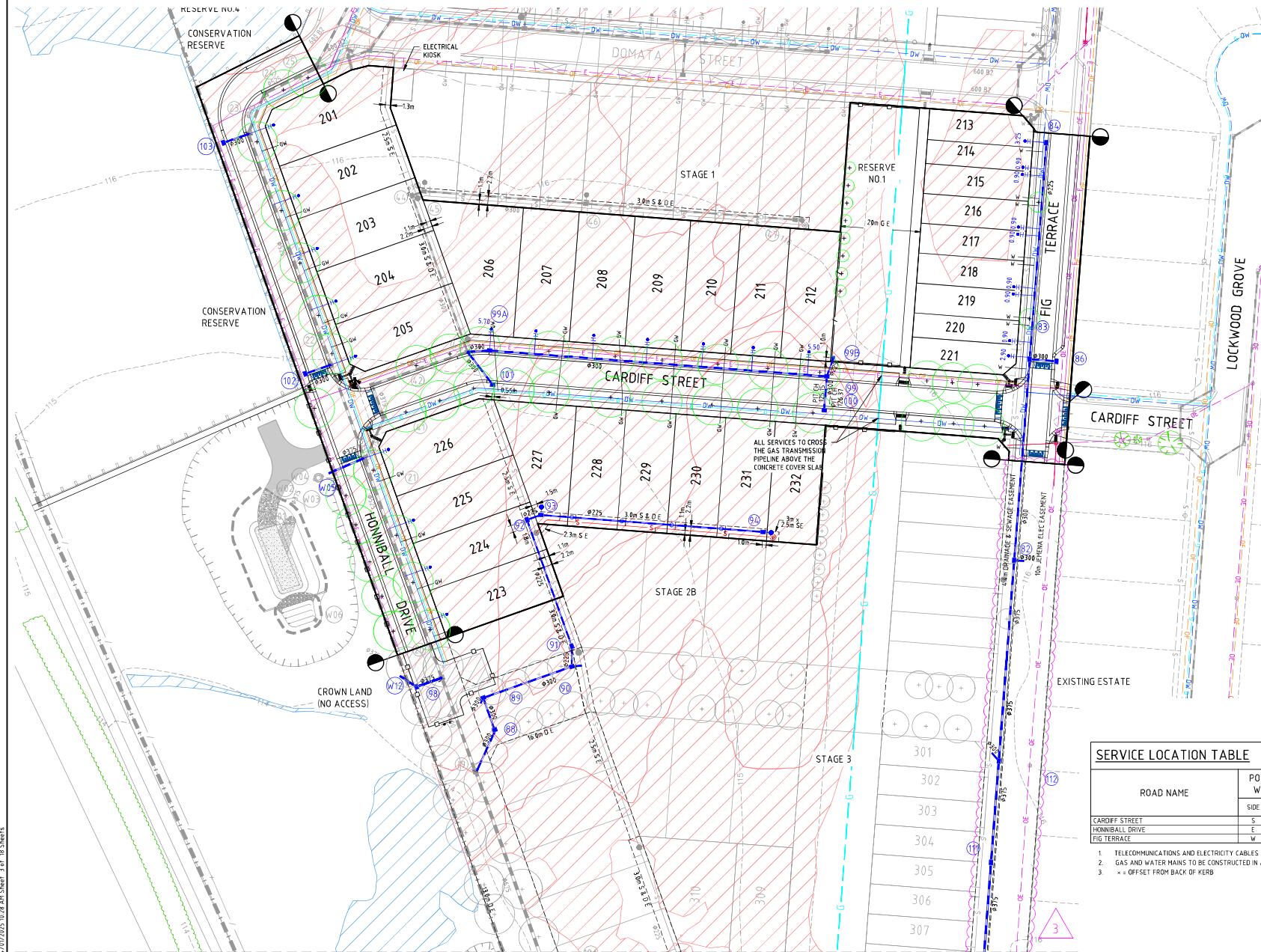


WARNING
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CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988
PLAN OF SUBDIVISION No. PS909555L

DEVELOPMENT ENGINEER
28/02/2025
DATE APPROVED

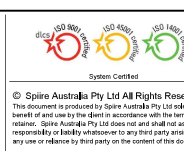
SERVICE LOCATION TABLE												
ROAD NAME	POTABLE WATER		GAS		NBN (TELECOM)		ELECTRICITY				STREET TREES	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	POLE		W/G CABLE		SIDE	OFFSET
							SIDE	OFFSET	SIDE	OFFSET		
CARDIFF STREET	S	2.70	S	2.25	N	1.85	N	0.8x	N	2.50	N & S	1.0x
HONNIBALL DRIVE	E	2.90	E	2.45	E	1.85	W & E	0.8x	W	0.75	E	1.0x
FIG TERRACE	W	2.65	E	0.60	W	0.8x	E	0.8x	E	1.35	W	1.0x

1. TELECOMMUNICATIONS AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG's.
2. GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
3. * = OFFSET FROM BACK OF KERB



FOR CONTINUATION REFER TO 309856CR203

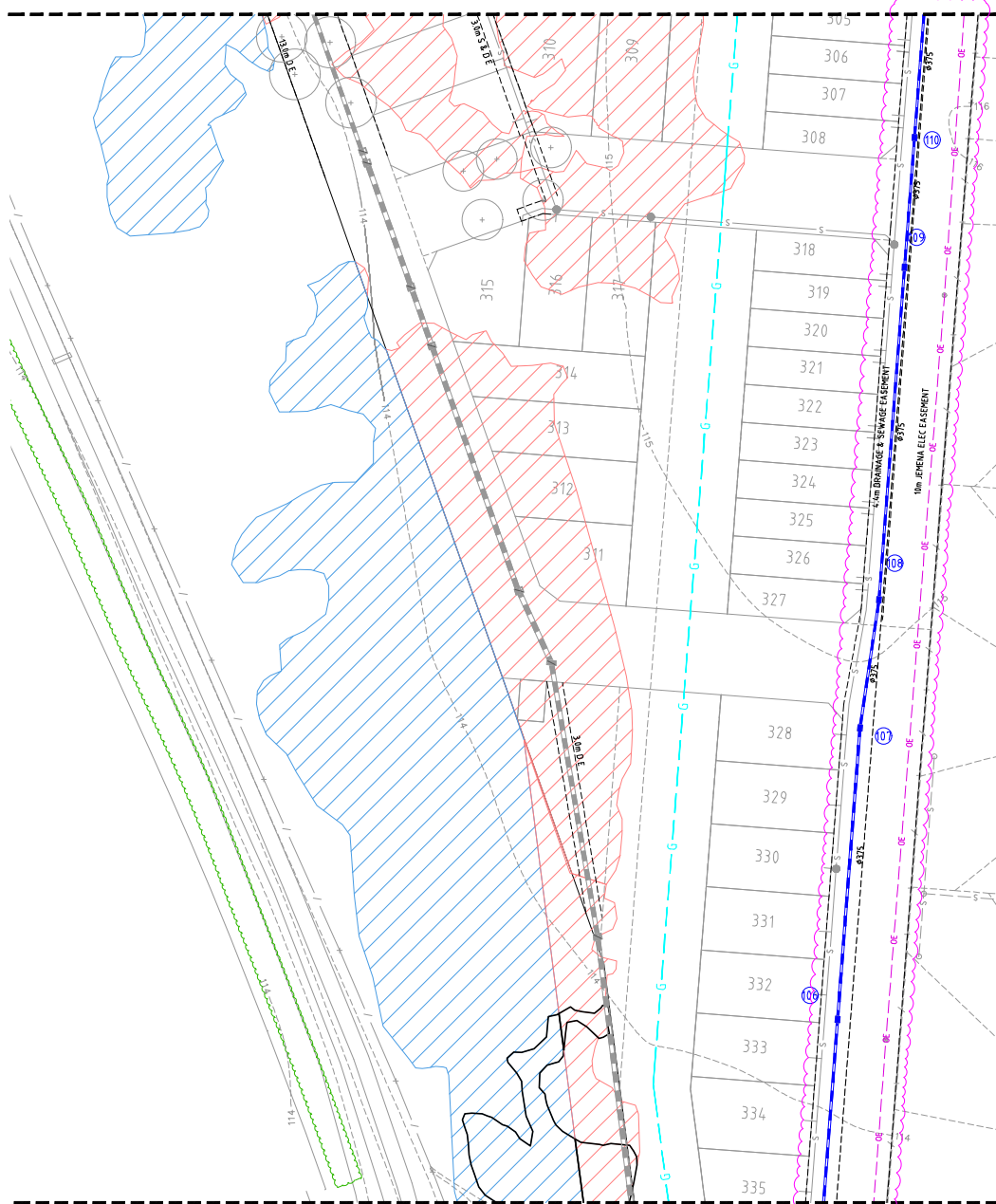
3	ELECTRICAL DRAINAGE & SEWAGE EASEMENTS ADDED	PMC	13/12/24	Scale
2	STAGE EXTENTS & SERVICE OFFSET TABLE AMENDED	P.C.	19/11/24	H 1500
1	VEHICLE CROSSING AMENDED	P.C.	22/12/23	SCALE @ A1
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23	
D	NOTE, KERB TYPE & FOOTPATH AMENDED	P.C.	02/08/23	
C	RAISED PAVEMENT, DRAINAGE & PIT ADDED	P.C.	31/07/23	
B	DRIVEWAY, EASEMENT, FOOTPATH & HOUSE DRAIN AMENDED, TREES ADDED	J.P.P.	03/07/23	
A	FOOTPATH, NOTES, STAGING, PARKING BAY, DRAINAGE AMENDED, WSUD ADDED	P.C.	02/05/23	
Rev	Amendments	Approved	Date	



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P.CURNOW (PE004069)
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J.POYNOR
Date
15/11/22

**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
SERVICES PLAN - SHEET 1
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS**
CONSTRUCTION 309856CR202 3



FOR CONTINUATION REFER TO RIGHT

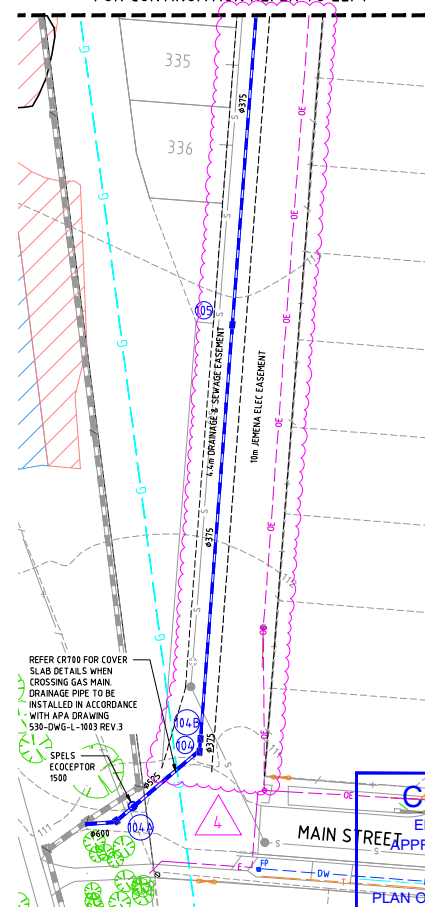


- NOTE:
1. ALL TGS ARE TO BE INSTALLED AS PER CITY OF WHITTLESEA STANDARD DRAWING SD320
 2. FOOTPATH GRASS CROSSING SPLAYS ARE TO BE NO WIDER THAN 600mm.
 3. ALL VEHICLE EXCLUSION FENCING TO BE DESIGNED AND CONSTRUCTED AS PART OF LANDSCAPE WORKS.



WARNING

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CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS

APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No. PS909555L


DEVELOPMENT ENGINEER

28/02/2025
DATE APPROVED

SERVICE LOCATION TABLE

ROAD NAME	POTABLE WATER		GAS		NBN (TELECOM)		ELECTRICITY				STREET TREE		
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	POLE		U/G CABLE		SIDE	OFFSET	
							SIDE	OFFSET	SIDE	OFFSET			
CARDIFF STREET	S	270	S	225	N	185	N	0.8x	N	2.50	N	8.5	10x
HOMINBALL DRIVE	E	240	E	245	E	185	W	0.8x	W	0.75	E		
FIG TERRACE	W	265	E	0.60	W	0.8x	E	135	W	10x			

1. TELECOMMUNICATIONS AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG's.
2. GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
3. * = OFFSET FROM BACK OF KERB

4	ELECTRICAL DRAINAGE & SEWAGE EASEMENTS ADDED	PWC	13/12/24
2	VEHICLE CROSSING AND DRAINAGE ARRANGEMENT AMENDED	P.C.	22/12/23
1	VEHICLE CROSSING AND FENCING AMENDED	P.C.	16/11/23
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
D	SERVICE LOCATION TABLE AMENDED	P.C.	14/08/23
C	NOTE ADDED	P.C.	31/07/23
B	TREES & PIT ADDED	J.P.P.	05/07/23
A	FOOTPATH, STAGING, DRAINAGE AMENDED, WSUD ADDED	P.C.	02/05/23
Rev	Amendments	Approved	Date



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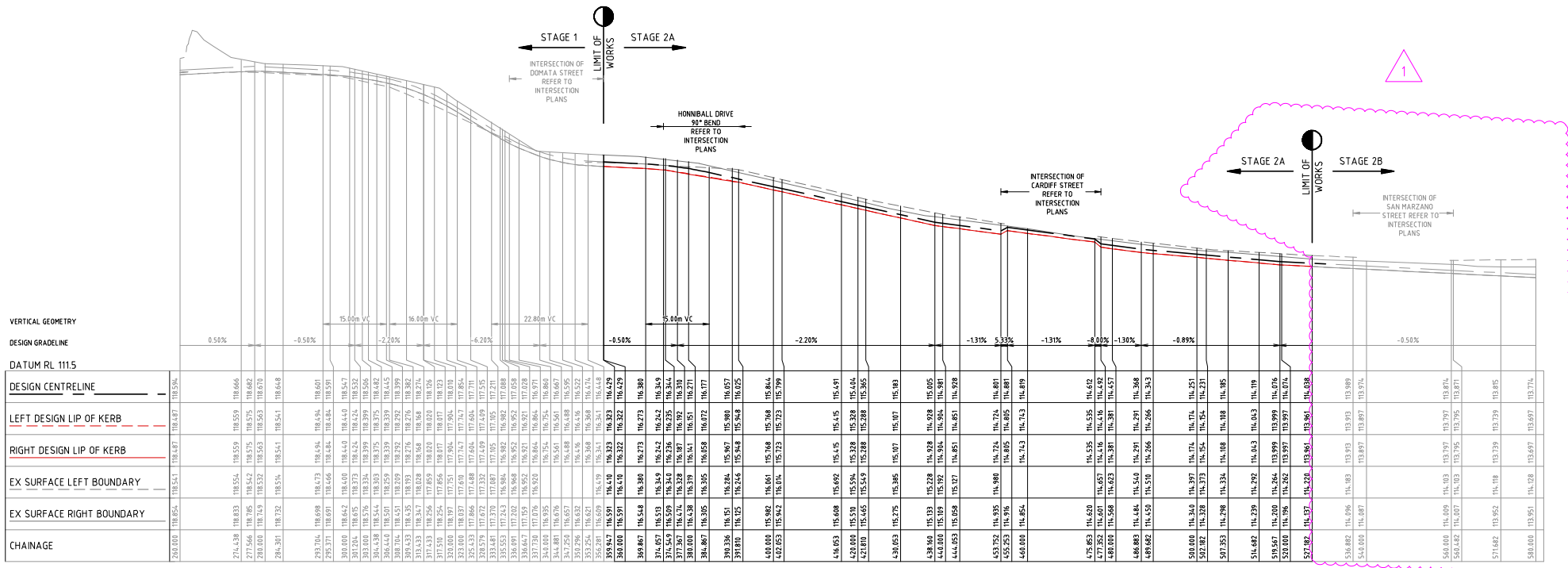
**MARRAN RUN
STAGE 2A**
ROAD AND DRAINAGE
SERVICES PLAN - SHEET 2
CITY OF WHITTLSEA
YOURLAND DEVELOPMENTS

CONSTRUCTION Drg No
309856CR203

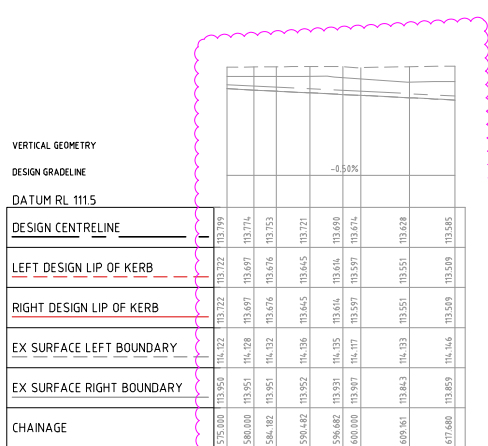
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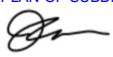
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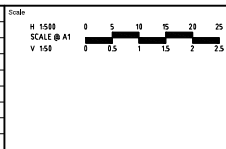
HONNIBALL DRIVE



HONNIBALL DRIVE

CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988
PLAN OF SUBDIVISION No. PS909555L

DEVELOPMENT ENGINEER
28/02/2025
DATE APPROVED

Rev	Amendments	Approved	Date
1	STAGE EXTENTS AMENDED	P.C.	19/11/24
2	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
3	ROAD LONG SECTIONS AMENDED	P.C.	02/05/23
4	PRELIMINARY ISSUE	P.C.	15/11/22



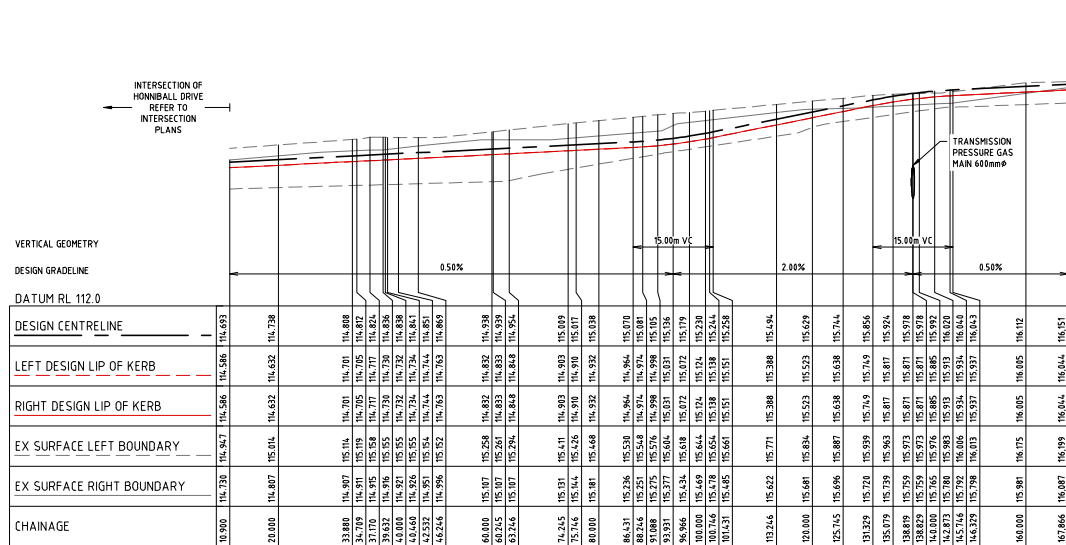

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L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 3007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635


Designed
H.KURMUS
Checked
J.POYNOR
Authorised
P.CURNOW (PE004069)
Date
15/11/22

**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 1
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS**

309856CR300
1



CARDIFF STREET

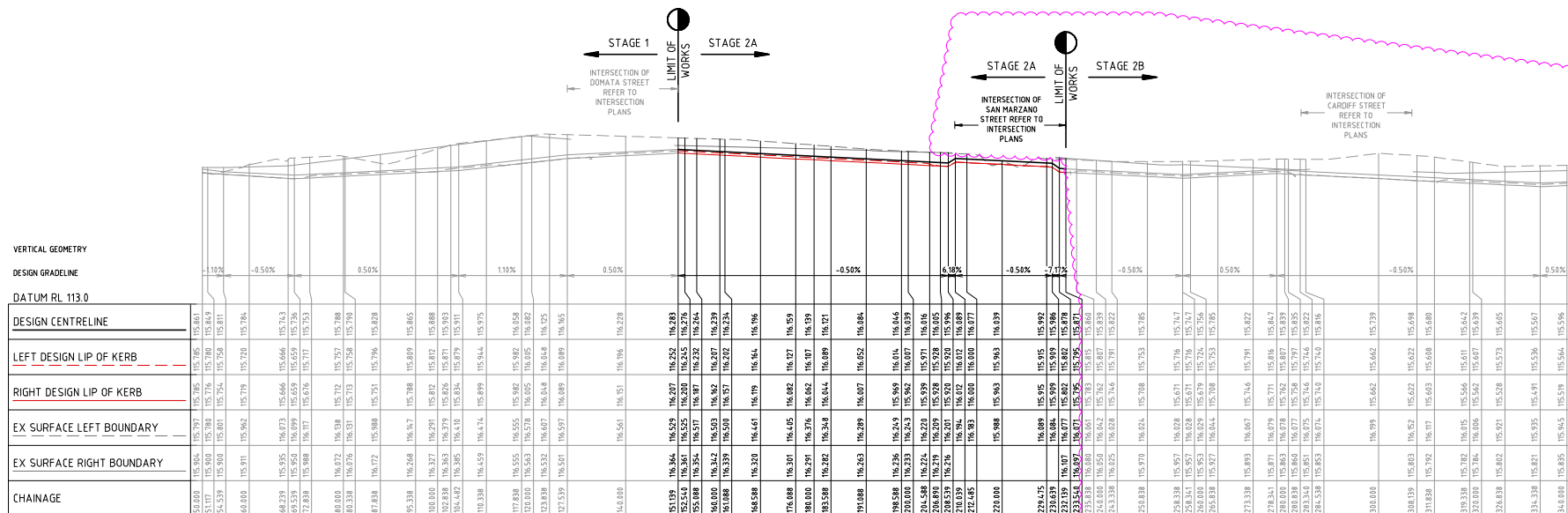
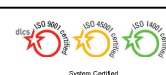
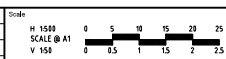


FIG TERRACE

1	STAGE EXTENTS AMENDED	P.C.	19/11/24
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
C	ROAD LANE SECTION AMENDED	P.C.	31/07/23
B	STAGING AMENDED	P.C.	02/05/23
A	PRELIMINARY ISSUE	P.C.	15/11/22
Rev	Amendments	Approved	Date



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Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)

**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 2
CITY OF WHITTLSEA
YOURLAND DEVELOPMENTS**

CONSTRUCTION Drg No **309856CR301**

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

PLAN OF SUBDIVISION No. PS909555L


DEVELOPMENT ENGINEER

28/02/2025
DATE APPROVED

File name 309856\CR300.dwg layout name CR301 plotted by Dan Creary
 File location G:\30\309856\Civil\ACAD plot date 24/01/2025 10:28 AM Sheet 6 of 18 Sheets

FILLING BELOW SUBGRADE:
TYPE A FILL MATERIAL MUST BE PROVIDED BELOW SUBGRADE AS PER CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION CLAUSE 20.6 AND TYPE 1 FILL AND SUPERVISION UNDER THE FOOTPATHS. FILLING UNDER FOOTPATHS SHOULD BE DONE AS PER CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION CLAUSE 20.6 (TYPE A MATERIAL AS PER VIC ROADS STANDARD SPECIFICATION 204).

STRUCTURAL FILL IN ACCORDANCE WITH CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION

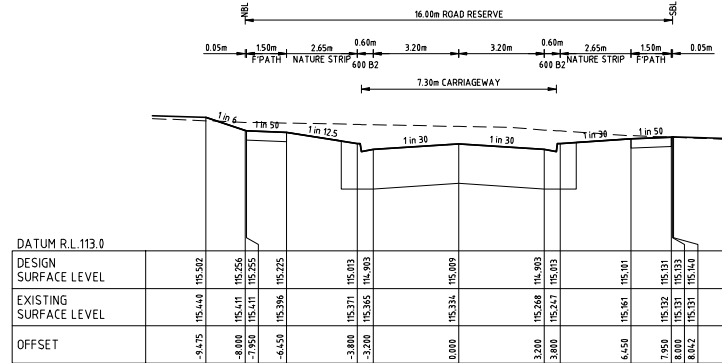
100YR WL

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

PLAN OF SUBDIVISION No. PS909555L

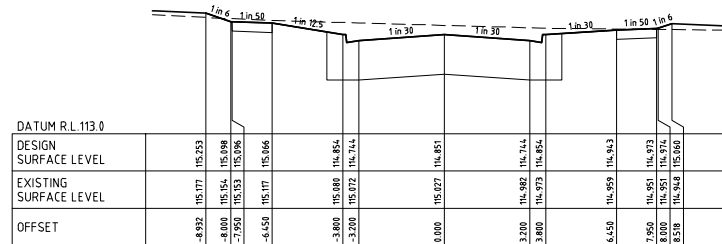
DEVELOPMENT ENGINEER

28/02/2025
DATE APPROVED



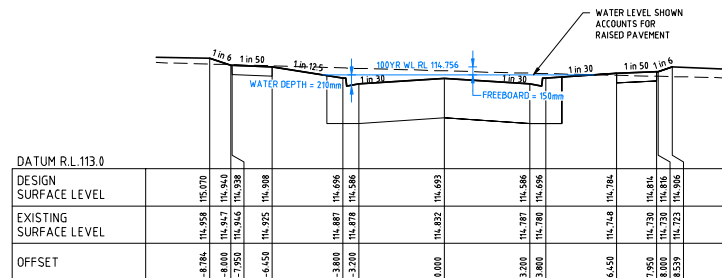
CARDIFF STREET

CH 74.25



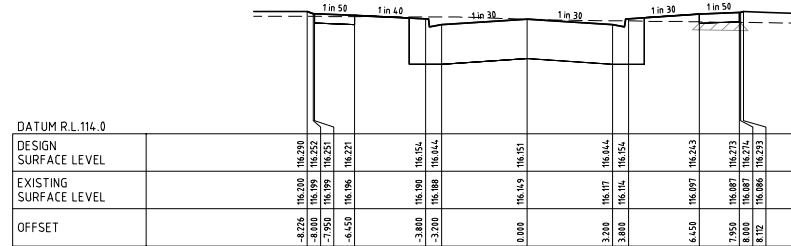
CARDIFF STREET

CH 42.53



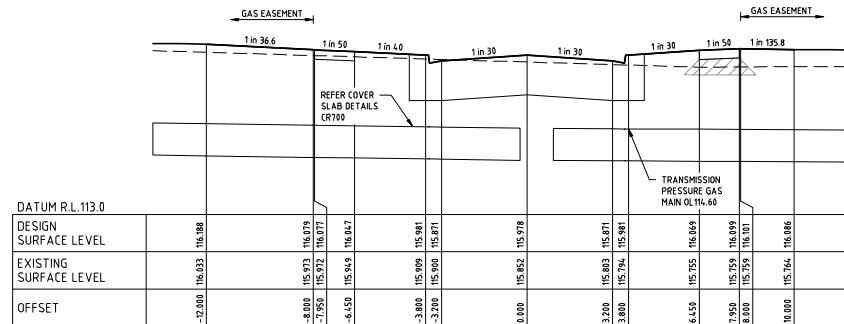
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CH 10.90



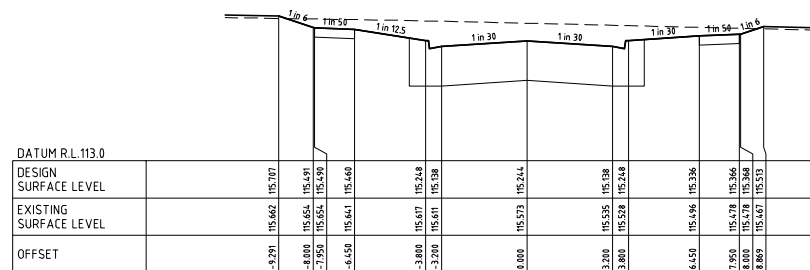
CARDIFF STREET

CH 167.87



CARDIFF STREET

CH 138.82

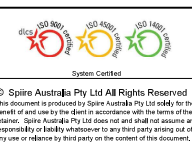
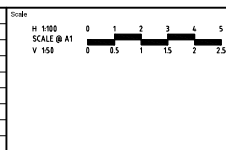


CARDIFF STREET

CH 100.75

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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
B	Q100 FLOOD LEVEL ADDED	J.P.P.	26/06/23
A	PRELIMINARY ISSUE	P.C.	15/11/22



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YourLand
Developments

Designed
H.KURMUS

Checked
J.POYNTER

Authorized
P.CURNOW (PE004069)

Date
15/11/22

MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 1
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION 309856CR400 0

STRUCTURAL FILL IN ACCORDANCE
WITH CITY OF WHITTLESEA CIVIL
WORKS SPECIFICATION

A small pink triangle with the number 1 inside.

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Designed H.KURMUS	Checked J.POYNER
Authorised P.CURNOW (PE004069)	Date 15/11/22

CONSTRUCTION Dwg No **309856CR401** Rev **1**

100YR WL



BATTER TO MATCH INTO
EXISTING SURFACE AT
BOUNDARY

BATTER TO MATCH INTO
EXISTING SURFACE AT
BOUNDARY

- BATTER TO MATCH INTO EXISTING SURFACE AT BOUNDARY

LEVEL SHOWS S FOR PAVEMENT

BATTER TO MATCH
EXISTING SURFACE
BOUNDARY

DATE APPROVED

5	5
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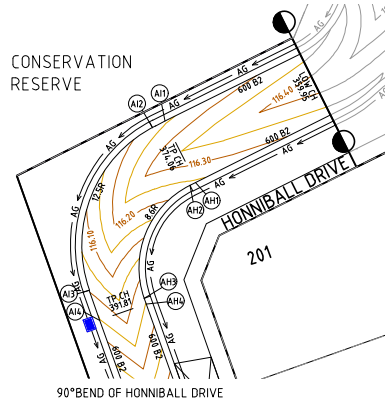


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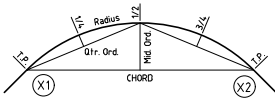
**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 3
CITY OF WHITTLSEA
YOURLAND DEVELOPMENTS**

CONSTRUCTION Dwg No: **309856CR402** Rev: **1**

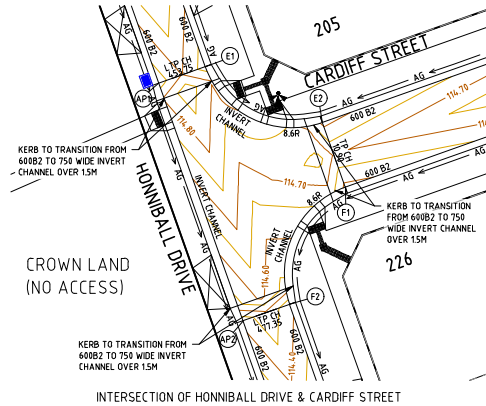
CONSERVATION
RESERVE



90°BEND OF HONNBALL DRIVE

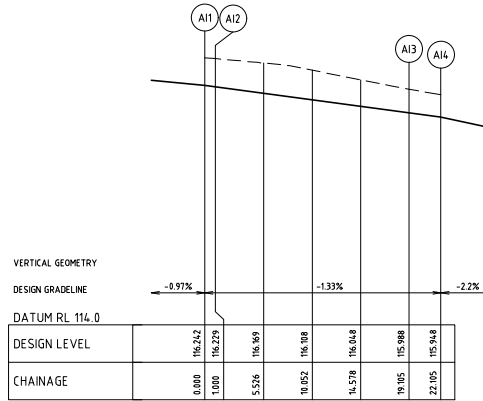


KERB RETURN SETOUT DETAIL



CROWN LAND
(NO ACCESS)

INTERSECTION OF HONNBALL DRIVE & CARDIFF STREET

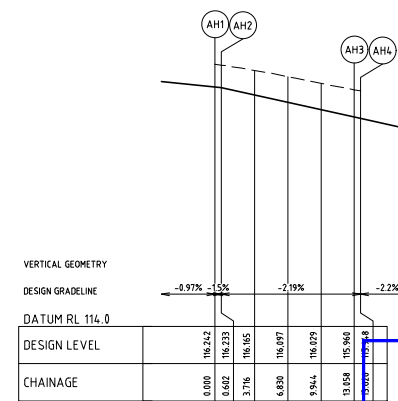


ALIGNMENT AI

ALIGNMENT AI

POINT NO	EASTING	NORTHING	RL
A11	322210.121	5828621.945	116.242
A12	322209.226	5828621.499	116.229
1/4	322205.627	5828618.786	116.169
1/2	322203.218	5828614.993	116.108
3/4	322202.313	5828610.584	116.048
A13	322203.028	5828606.139	115.988
A14	322204.030	5828603.312	115.948

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
A12 - A13	12.500	18.104	16.563	3.137	-0.811



ALIGNMENT AH

ALIGNMENT AH

POINT NO	EASTING	NORTHING	RL
AH1	322212.980	5828616.219	116.242
AH2	322212.441	5828615.950	116.233
1/4	322209.964	5828614.091	116.165
1/2	322208.307	5828611.474	116.097
3/4	322207.684	5828608.441	116.029
AH3	322208.176	5828605.383	115.960
AH4	322208.366	5828604.848	115.948

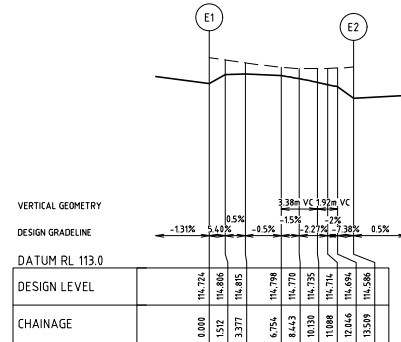
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
AH2 - AH3	8.600	12.456	11.396	2.158	-0.558

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

PLAN OF SUBDIVISION No. PS909555L

DEVELOPMENT ENGINEER

28/02/2025
DATE APPROVED

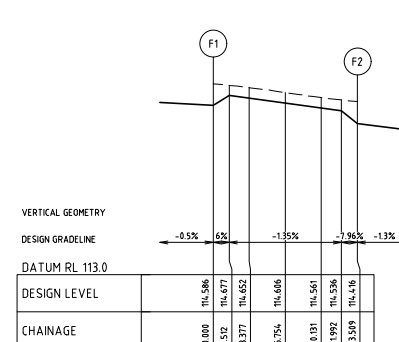


ALIGNMENT E

ALIGNMENT E

POINT NO	EASTING	NORTHING	RL
E1	322229.056	5828546.464	114.724
1/4	322230.773	5828543.580	114.815
1/2	322233.462	5828541.573	114.798
3/4	322236.714	5828540.748	114.735
E2	322240.035	5828541.230	114.586

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
E1 - E2	8.600	13.509	12.162	2.519	-0.655

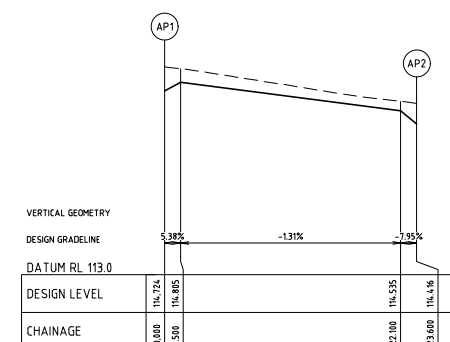


ALIGNMENT F

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL
F1	322242.173	5828535.198	114.586
1/4	322239.290	5828533.482	114.652
1/2	322237.283	5828530.792	114.606
3/4	322236.457	5828527.548	114.561
F2	322236.940	5828524.219	114.416

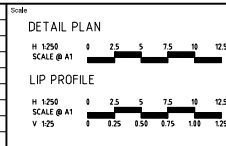
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
F1 - F2	8.600	13.509	12.162	2.519	-0.655



ALIGNMENT AP

ALIGNMENT AP

POINT NO	EASTING	NORTHING	RL
AP1	322224.721	5828544.927	114.724
AP2	322232.604	5828522.683	114.416



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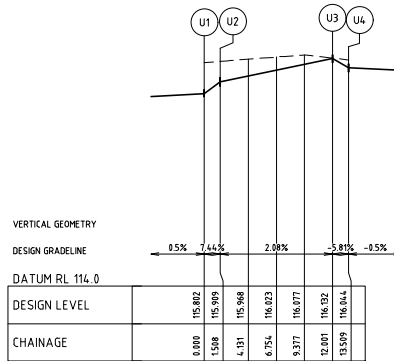
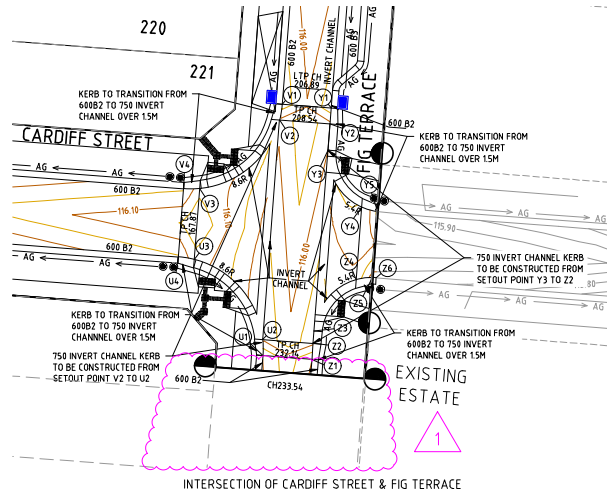
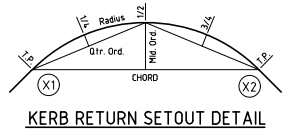
Date
15/11/22

**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
INTERSECTION DETAILS - SHEET 1**
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

Dwg No
309856CR500

Rev
0

File name: 309856CR501.dwg, Layer: Name, Created by: Dan Curnow, Date: 15/11/2025, Plot Date: 15/11/2025, Sheet: 11 of 18 Sheets



ALIGNMENT U

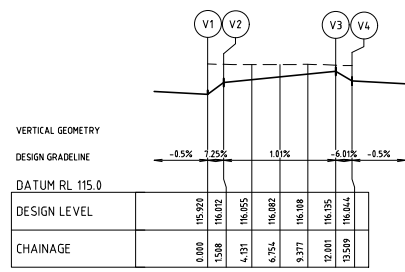
ALIGNMENT U

POINT NO	EASTING	NORTHING	RL
U1	322403.920	5828524.573	115.802
U2	322403.904	5828526.079	115.909
1/4	322403.254	5828528.610	115.968
1/2	322401.874	5828530.830	116.023
3/4	322399.892	5828532.532	116.077
U3	322397.489	5828533.560	116.132
U4	322396.004	5828533.806	116.044

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
U1- U2	8.600	1.508	1.506	0.033	-0.008
U2- U3	8.600	10.494	9.855	1.551	-0.397
U3- U4	8.600	1.508	1.506	0.033	-0.008

CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988
PLAN OF SUBDIVISION No. PS909555L

DEVELOPMENT ENGINEER
28/02/2025
DATE APPROVED

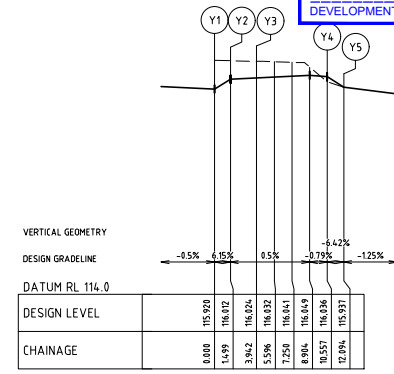


ALIGNMENT V

ALIGNMENT V

POINT NO	EASTING	NORTHING	RL
V1	322405.727	5828548.104	115.920
V2	322405.481	5828546.619	116.012
1/4	322404.452	5828544.216	116.055
1/2	322402.750	5828542.234	116.082
3/4	322400.531	5828540.854	116.108
V3	322398.000	5828540.204	116.135
V4	322396.494	5828540.188	116.044

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
V1- V2	8.600	1.508	1.506	0.033	0.000
V2- V3	8.600	10.493	9.854	1.551	0.397
V3- V4	8.600	1.508	1.506	0.033	0.000

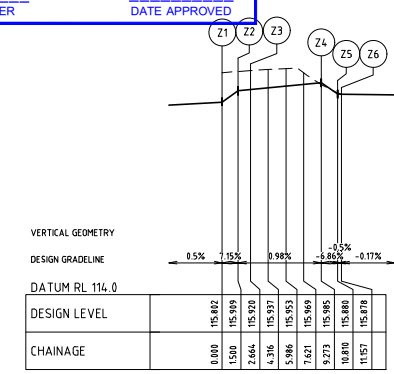


ALIGNMENT Y

ALIGNMENT Y

POINT NO	EASTING	NORTHING	RL
Y1	322410.313	5828547.151	115.920
Y2	322410.199	5828546.256	116.012
Y3	322410.012	5828544.820	116.024
1/4	322410.131	5828542.178	116.032
1/2	322410.751	5828540.650	116.041
3/4	322411.796	5828539.377	116.049
Y4	322413.177	5828538.678	116.036
Y5	322414.648	5828538.051	115.937

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
Y3- Y4	5.409	6.614	6.210	0.980	-0.251
Y4- Y5	5.409	1.538	1.532	0.055	-0.014



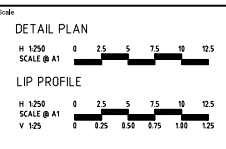
ALIGNMENT Z

ALIGNMENT Z

POINT NO	EASTING	NORTHING	RL
Z1	322408.507	5828524.221	115.802
Z2	322408.622	5828525.717	115.909
Z3	322408.711	5828526.877	115.920
1/4	322409.085	5828528.480	115.937
1/2	322409.926	5828529.895	115.953
3/4	322411.153	5828530.992	115.969
Z4	322412.654	5828531.668	115.985
Z5	322414.173	5828531.863	115.880
Z6	322414.519	5828531.847	115.878

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
Z3- Z4	5.400	6.609	6.204	0.980	0.251
Z4- Z5	5.400	1.537	1.532	0.055	0.014
Z5- Z6	5.400	0.347	0.347	0.003	0.001

Rev	Amendments	Approved	Date
1	STAGE EXTENTS AMENDED	P.C.	19/11/24
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
D	KERB TYPE, FOOTPATH & NOTES AMENDED	P.C.	02/08/23
C	RAISED PAVEMENT ADDED, SETOUT POINTS, ALIGNMENT & BUBBLES AMENDED	P.C.	01/08/23
B	FOOTPATH AMENDED	J.P.P.	03/07/23
A	PRELIMINARY ISSUE	P.C.	15/11/22



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YourLand
Developments
Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)
Checked
J.POYNER
Date
15/11/22

**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
INTERSECTION DETAILS - SHEET 2
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS**
Dwg No
309856CR501
Rev
1

CRUSHED ROCK BACKFILL

100YR HYDRAULIC GRADE LEVEL

5YR HYDRAULIC GRADE LEVEL

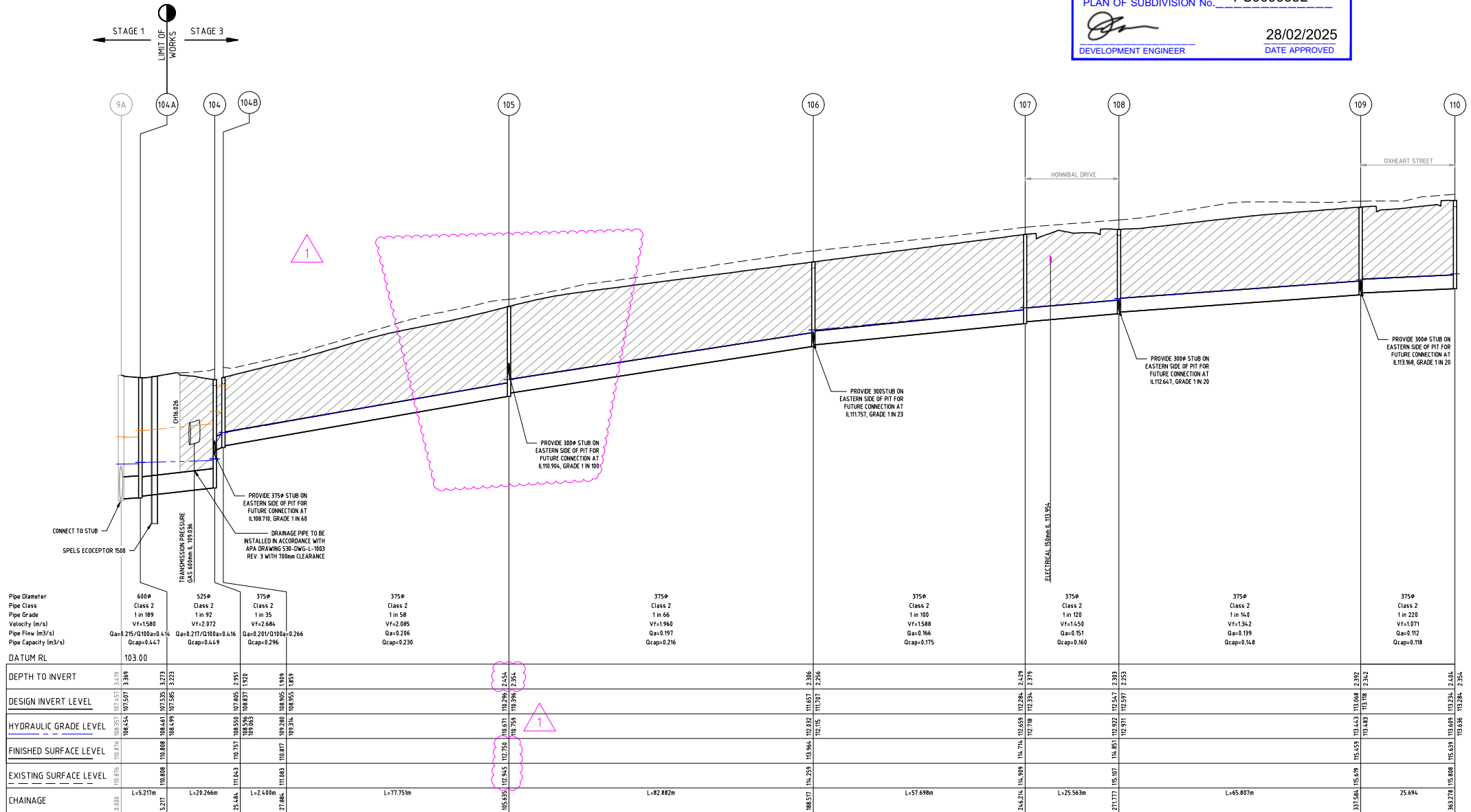
CITY OF WHITTLESEA

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

PLAN OF SUBDIVISION No. PS909555L

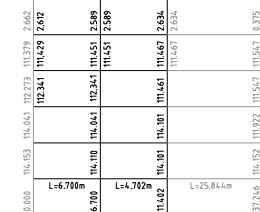
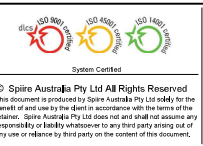
DEVELOPMENT ENGINEER

28/02/2025
DATE APPROVED





28/02/2025
DATE APPROVED

[illegible]

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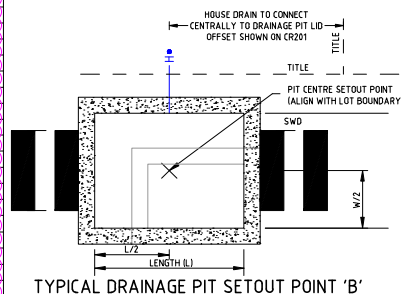
Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)

CONSTRUCTION	Dwg No	Rev
	309856CR602	1

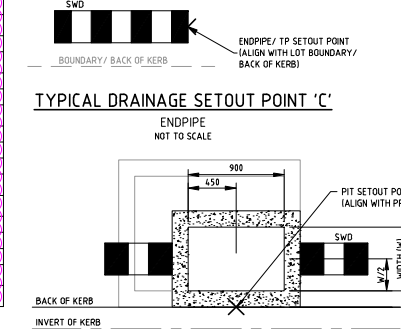
DRAINAGE PIT SCHEDULE

NAME	PIT TYPE	INTERNAL WIDTH	INTERNAL LENGTH	DIA	INLET INV LEVEL	OUTLET DIA	OUTLET INV LEVEL	PIT FS LEVEL	PIT DEPTH	REMARKS
9A	JUNCTION PIT	1050	1200	900	107.507	900	107.457	110.876	3.419	REFER TO VPA EDCM STD DWG FIGS 607
				600	107.507					CONNECT TO EXISTING STUB
19	JUNCTION PIT	900	900	600	111.233	675	111.183	113.938	2.754	REFER TO VPA EDCM STD DWG FIGS 607
				300	112.104					CONNECT TO EXISTING STUB
20	JUNCTION PIT	900	900	525	111.429	600	111.379	114.041	2.662	CONVERT AND ADJUST PIT LID TO HEAVY DUTY COVER. REFER TO VPA EDCM STD DWG FIGS 607
				375	111.429					CONNECT TO EXISTING STUB
21	JUNCTION PIT	900	2000	525	112.730	525	112.680	114.533	1.853	ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 607. REFER DETAIL FOR CONSTRUCTION OF WEIR WALL IN DRAINAGE PIT.
				375	112.803	375	112.680			CONNECT TO EXISTING STUB
22	GRADED SIDE ENTRY PIT	750	900	525	112.914	525	112.864	114.857	1.993	CONVERT TO GRADED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 607
				300	113.089					CONNECT TO EXISTING STUB
23	GRADED SIDE ENTRY PIT	1050	900	525	113.287	525	113.237	116.072	2.835	CONVERT TO GRADED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 607
				300	114.174					CONNECT TO EXISTING STUB
24	JUNCTION PIT	1050	900	525	113.377	525	113.327	116.367	3.040	ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 607
41	GRADED SIDE ENTRY PIT	600	900	375	112.936	375	112.886	114.714	1.828	CONVERT TO GRADED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 605
42	GRADED SIDE ENTRY PIT	600	900	375	113.049	375	112.996	114.735	1.739	CONVERT TO GRADED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 605
43	GRADED SIDE ENTRY PIT	900	600	300	113.300	375	113.275	114.859	1.634	CONVERT TO GRADED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 605
				300	113.275					CONNECT TO EXISTING STUB
				300	113.275					CONNECT TO EXISTING STUB
44	JUNCTION PIT	600	900	300	114.648	300	114.598	115.873	1.275	ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 607
87	JUNCTION PIT	600	900	300	113.812	375	113.762	115.814	2.052	REFER TO VPA EDCM STD DWG FIGS 605
				300	113.837					PROVIDE STUB FOR FUTURE CONNECTION
83	GRADED SIDE ENTRY PIT	600	900	225	114.149	300	114.099	116.048	1.949	REFER TO VPA EDCM STD DWG FIGS 601 & 605.
				300	114.149					PROVIDE CLASS D HEAVY DUTY COVER
84	JUNCTION PIT	600	900			225	114.612	116.319	1.707	REFER TO VPA EDCM STD DWG FIGS 605. PROVIDE CLASS D HEAVY DUTY COVER
86	JUNCTION PIT	600	900	300	114.266	300	114.216	116.850	1.834	REFER TO VPA EDCM STD DWG FIGS 605
88	JUNCTION PIT	600	900	300	112.387	300	112.337	114.108	1.772	REFER TO VPA EDCM STD DWG FIGS 605
89	JUNCTION PIT	600	900	300	112.573	300	112.550	114.108	1.658	REFER TO VPA EDCM STD DWG FIGS 605
										PROVIDE STUB FOR FUTURE CONNECTION
90	JUNCTION PIT	600	900	225	112.809	300	112.759	114.355	1.597	REFER TO VPA EDCM STD DWG FIGS 605
				300	112.809					PROVIDE STUB FOR FUTURE CONNECTION
91	JUNCTION PIT	600	900	225	112.901	225	112.851	114.481	1.631	REFER TO VPA EDCM STD DWG FIGS 605
92	JUNCTION PIT	600	900	225	113.622	225	113.572	114.590	1.018	REFER TO VPA EDCM STD DWG FIGS 605
93	JUNCTION PIT	600	900	225	113.703	225	113.653	114.622	0.969	REFER TO VPA EDCM STD DWG FIGS 605
94	JUNCTION PIT	600	900			225	114.493	115.425	0.932	REFER TO VPA EDCM STD DWG FIGS 605
98	JUNCTION PIT	600	900	375	111.451	375	111.451	114.041	2.589	REFER TO VPA EDCM STD DWG FIGS 605
99A	JUNCTION PIT	600	900	300	113.356	300	113.306	114.880	1.574	REFER TO VPA EDCM STD DWG FIGS 605
99	GRADED SIDE ENTRY PIT	600	900	300	113.834	300	113.784	115.759	1.976	REFER TO VPA EDCM STD DWG FIGS 601 & 605
				225	114.347					
99B	GRADED JUNCTION PIT	450	450			225	114.534	115.984	1.451	REFER TO VPA EDCM STD DWG FIGS 605. WITH APPROVED BIKE SAFE CLASS B GRATE
100	GRADED SIDE ENTRY PIT	600	900			300	113.919	115.751	1.832	REFER TO VPA EDCM STD DWG FIGS 601 & 605
101	GRADED SIDE ENTRY PIT	600	900			300	113.344	114.866	1.522	REFER TO VPA EDCM STD DWG FIGS 601 & 605
102	GRADED SIDE ENTRY PIT	600	900			300	113.325	114.863	1.537	REFER TO VPA EDCM STD DWG FIGS 601 & 605
103	GRADED SIDE ENTRY PIT	600	900			300	114.241	116.071	1.831	REFER TO VPA EDCM STD DWG FIGS 601 & 605
104A	JUNCTION PIT	600	1050	525	107.585	600	107.535	110.808	3.273	REFER TO VPA EDCM STD DWG FIGS 605. PIT TO BE FITTED WITH CLASS D COVER
104B	JUNCTION PIT	600	900	375	108.955	375	108.905	110.815	1.909	REFER TO VPA EDCM STD DWG FIGS 605. PIT TO BE CONVERTED TO A DOUBLE GRADED SIDE ENTRY PIT AS PART OF FUTURE STAGE WORKS
104	JUNCTION PIT	600	1050	375	108.837	525	107.885	110.757	2.951	REFER TO VPA EDCM STD DWG 607. PIT TO BE CONVERTED TO A DOUBLE GRADED SIDE ENTRY PIT AS PART OF FUTURE STAGE WORKS
				375	108.710					PROVIDE STUB FOR FUTURE CONNECTION
105	JUNCTION PIT	600	900	375	110.396	375	110.296	112.750	2.454	REFER TO VPA EDCM STD DWG FIGS 605. PIT TO BE CONVERTED TO A GRADED SIDE ENTRY PIT AS PART OF FUTURE STAGE WORKS
				300	110.904					PROVIDE STUB FOR FUTURE CONNECTION
106	JUNCTION PIT	600	900	375	111.707	375	111.657	113.964	2.306	REFER TO VPA EDCM STD DWG FIGS 605. PIT TO BE CONVERTED TO A GRADED SIDE ENTRY PIT AS PART OF FUTURE STAGE WORKS
				300	111.757					PROVIDE STUB FOR FUTURE CONNECTION
107	JUNCTION PIT	600	900	375	112.334	375	112.284	114.714	2.429	REFER TO VPA EDCM STD DWG FIGS 605
108	JUNCTION PIT	600	900	375	112.597	375	112.547	114.851	2.303	REFER TO VPA EDCM STD DWG FIGS 605. PIT TO BE CONVERTED TO A GRADED SIDE ENTRY PIT AS PART OF FUTURE STAGE WORKS
				300	112.647					PROVIDE STUB FOR FUTURE CONNECTION
109	JUNCTION PIT	600	900	375	113.118	375	113.068	115.459	2.392	REFER TO VPA EDCM STD DWG FIGS 605
				300	113.168					PROVIDE STUB FOR FUTURE CONNECTION
110	JUNCTION PIT	600	900	375	113.284	375	113.234	115.639	2.404	REFER TO VPA EDCM STD DWG FIGS 605. PIT TO BE CONVERTED TO A GRADED SIDE ENTRY PIT AS PART OF FUTURE STAGE WORKS
111	JUNCTION PIT	600	900	375	113.448	375	113.398	115.616	2.219	REFER TO VPA EDCM STD DWG FIGS 605. PIT TO BE CONVERTED TO A GRADED SIDE ENTRY PIT AS PART OF FUTURE STAGE WORKS
				300	113.498					PROVIDE STUB FOR FUTURE CONNECTION
112	JUNCTION PIT	600	900	375	113.600	375	113.550	115.744	2.194	REFER TO VPA EDCM STD DWG FIGS 605
				300	113.625					PROVIDE STUB FOR FUTURE CONNECTION
W05	ENDPIPE			375	112.648	375	112.648	114.586	1.937	BLANK OFF INLET WITH MARINE GRADE PLY BOARD FOR FUTURE CONNECTION
W12	ENDPIPE			375	111.467	375	111.467	114.101	2.634	BLANK OFF INLET WITH MARINE GRADE PLY BOARD FOR FUTURE CONNECTION

3



3



LIP OF KERB



CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS

APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No. PS909555L

[Signature]
DEVELOPMENT ENGINEER

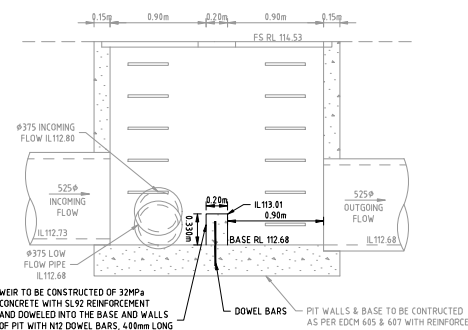
28/02/2025
DATE APPROVED

PIT SETOUT CO-ORDINATES

NAME	POINT	EASTING	NORTHING
82	B	32240.864	58284.98.478
88	B	322770.858	58284.56.054
89	B	322728.029	58284.64.069
90	B	32229.181	58284.71.887
91	B	32229.184	58284.76.961
98	B	32225.1286	58284.66.924
104	B	32236.452	58285.0.752
104A	B	32234.909	58284.1.816
104B	B	32236.641	58285.0.719
105	B	32237.1593	58284.6.742
106	B	32237.1598	58282.23.381
107	B	32238.255	58283.00.909
108	B	32238.101	58283.06.196
109	B	32239.139	58283.71.810
110	B	32239.106	58283.97.435
111	B	32239.061	58284.22.995
112	B	32239.009	58284.48.279
W05	C	32229.428	58285.0.268
W12	C	32224.7257	58284.69.509
GPT		322393.134	582850.590

DRAINAGE PIPES AND PITS IN FUTURE STAGES NOTES

- PITS LIDS AND CRUSHED ROCK BACKFILL ARE TO BE CONSTRUCTED TO EXISTING OR 300mm BELOW FINISHED SURFACE LEVEL, WHICH EVER LEVEL IS LOWER.
- ADDITIONAL FILL REQUIRED ON DRAINAGE PIPES ABOVE CRUSHED ROCK LEVEL TO MATCH BACK INTO EXISTING SURFACE LEVEL OR PROPOSED FINISHED SURFACE LEVEL TO BE ORDINARY FILL COMPACTED TO CITY OF WHITTLESEA STANDARDS & SPECIFICATIONS.
- PITS LIDS CONSTRUCTED BELOW EXISTING SURFACE LEVEL ARE TO HAVE BATTERS GRADED AT 1 IN 6 BACK TO EXISTING SURFACE LEVEL WITH SILT PREVENTION MEASURES IN PLACE TO MINIMIZE SILT INFILTRATION INTO DRAINAGE NETWORK.
- DRAINAGE PIT LEVELS SHOWN INDICATE ULTIMATE DRAINAGE DESIGN.



EXISTING DRAINAGE PIT STAGE 1 (NOT TO SCALE)

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3	STAGE EXTENTS AMENDED, AMENDED PIT SCHEDULE & SETOUT COORDINATES	P.C.	19/11/24	Scale
2	VEHICLE CROSSING AMENDED	P.C.	22/12/23	H 1500 SCALE @ A1 V 150
1	DRAINAGE PIT SCHEDULE AMENDED	P.C.	16/11/23	0 5 10 15 20 25 0 0.5 1 1.5 2 2.5
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23	
D	DRAINAGE PIT SCHEDULE AMENDED	P.C.	02/08/23	
C	DRAINAGE PIT SCHEDULE AMENDED	P.C.	01/08/23	
B	DRAINAGE PIT SCHEDULE & SETOUT COORDINATES AMENDED	J.P.P.	05/07/23	
A	DRAINAGE PIT SCHEDULE AMENDED	P.C.	02/05/23	
Rev	Amendments	Approved	Date	

System Certified

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Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)

Checked
J.POYNER
Date
15/11/22

MARRAN RUN STAGE 2A

ROAD AND DRAINAGE
DRAINAGE PIT SCHEDULE & PIT SETOUT DETAILS
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

3909555555

DESIGN PAVEMENT PROFILE

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)	
		TYPE A*	CONCRETE
ASPHALT (WEARING)	SIZE 10 TYPE L (C320)	30	0
ASPHALT (BASE)	SIZE 10 TYPE N (C320)	30	0
PRIME COAT & SAMI	PRIME & 10mm SAMI (SMBR)	10	0
CONCRETE	25MPa CONCRETE REINFORCED WITH SLR2 MESH (MIN 50mm TOP COVER)	0	200
BASE COURSE	VICROADS CLASS 2 FCR (20mm), COMPACTED TO AT LEAST 99% MODIFIED DRY DENSITY RATIO WITHIN 3% MODIFIED OPTIMUM MOISTURE CONTENT	130	0
UPPER SUBBASE COURSE	VICROADS CLASS 3 FCR (20mm), COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 3% MODIFIED OPTIMUM MOISTURE CONTENT	120	150
LOWER SUBBASE COURSE	VICROADS CLASS 4 FCR (20mm), COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 3% MODIFIED OPTIMUM MOISTURE CONTENT	120	0
CAPPING LAYER	VICROADS TYPE A CAPPING MATERIAL (REFER TO TABLE 7 - G3573.1 AC), COMPACTED TO AT LEAST 98% STANDARD DRY DENSITY RATIO WITHIN 3% STANDARD OPTIMUM MOISTURE CONTENT	150	0
CONSTRUCTION LAYER	VICROADS TYPE A CAPPING MATERIAL (REFER TO TABLE 7 - G3573.1 AC), COMPACTED TO AT LEAST 98% STANDARD DRY DENSITY RATIO WITHIN 3% STANDARD OPTIMUM MOISTURE CONTENT	150	0
SUBGRADE	UNIT 3 OR CONTROLLED FILL SUBGRADE (CBR-2%)		
TOTAL PAVEMENT DEPTH		740	350

* REFER PAVEMENT PLAN FOR LOCATION OF PAVEMENT TYPES

ROAD NAME	TRAFFIC LOADING NUMBER	TYPE
HONNIBALL DRIVE	300-1000vpd	A
FIG TERRACE	300-1000vpd	A
CARDIFF STREET	300-1000vpd	A
PARKING BAY	-	CONCRETE

3

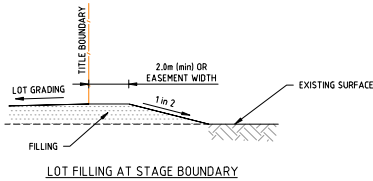
PAVEMENT DETAILS

THE PAVEMENT DESIGNS SHOWN HERE HAVE BEEN DESIGNED/PROVIDED BY GROUND SCIENCE PTY LTD WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL WORK ON THIS PROJECT. SPIIRE IS NOT RESPONSIBLE FOR THE WORK OF GROUND SCIENCE PTY.

THE DESIGN HAS BEEN EXTRACTED FROM THE G46861 AA YOURLAND 135 BARRY ROAD GEOTECHNICAL REPORT ON "GEOTECHNICAL INVESTIGATION FOR MARRAN RUN (135 BARRY ROAD, THOMASTOWN, VIC)" THIS DOCUMENT SHOULD BE REVIEWED TO ENSURE THAT THE DESIGN HAS BEEN ACCURATELY REPRODUCED.

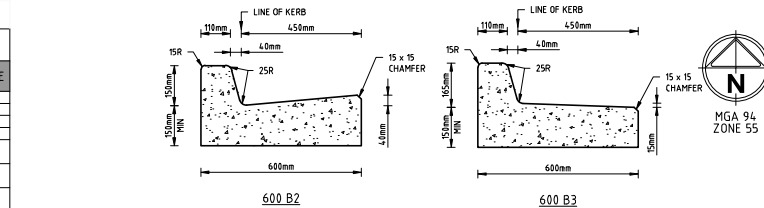
A COPY OF THE DOCUMENT WILL BE PROVIDED ON REQUEST.

SPIIRE DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THE GEOTECHNICAL WORK AND PAVEMENT DESIGNS. ANY QUERIES IN RESPECT TO THE GEOTECHNICAL WORK AND PAVEMENT DESIGNS SHOULD BE ADDRESSED TO GROUND SCIENCE PTY LTD AND COPIED TO SPIIRE.



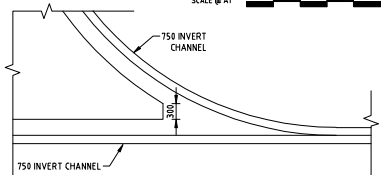
TYPICAL PARKING BAY DETAIL

NOT TO SCALE



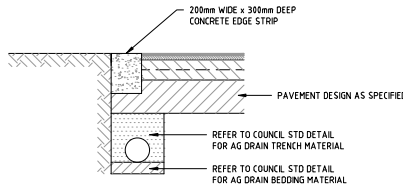
STANDARD KERB PROFILES

NOTE: ALL KERB & CHANNEL AS PER GAA STD DRAWING EDCN 301

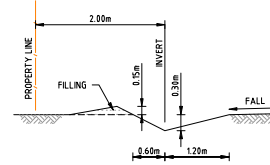


300mm CONCRETE FILLET AT KERB RADIUS

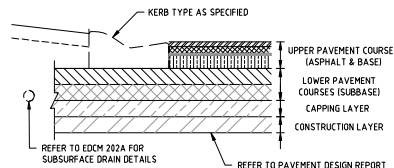
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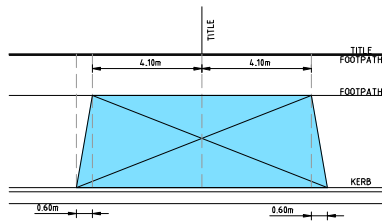
LIMIT OF WORKS CONCRETE EDGE STRIP & PAVEMENT INTERFACE DETAIL



TYPICAL CATCH DRAIN SECTION

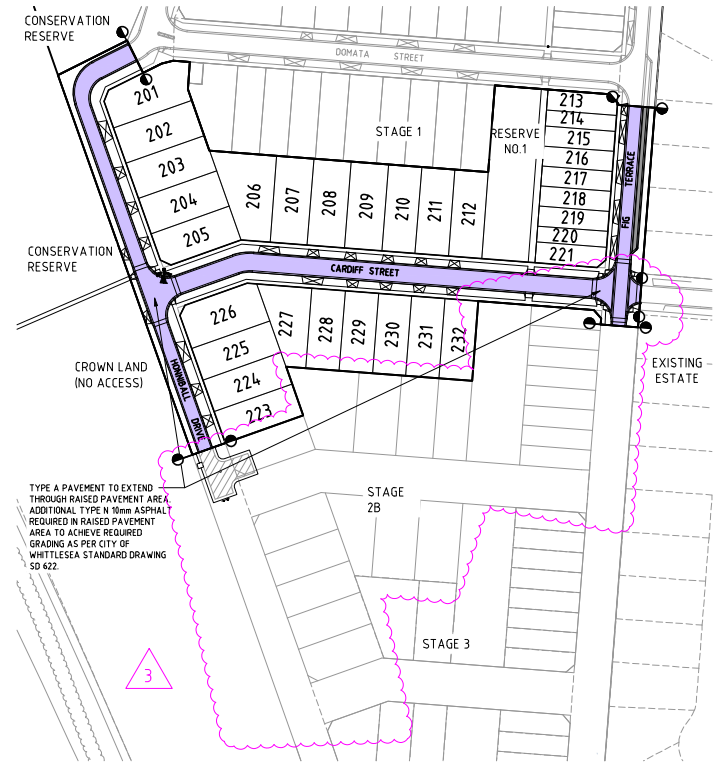


PAVEMENT LAYER DETAIL



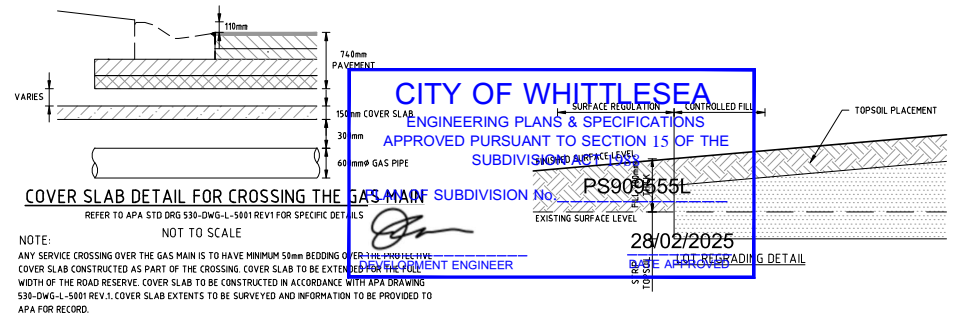
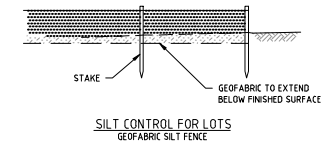
NON-STANDARD DRIVEWAY DETAIL

NOT TO SCALE



PAVEMENT PLAN

H 1:1000 SCALE @ A1



COVER SLAB DETAIL FOR CROSSING THE GAS MAIN SUBDIVISION

REFER TO APA STD DRG 530-DWG-L-5001 REV1 FOR SPECIFIC DETAILS

NOTE:

ANY SERVICE CROSSING OVER THE GAS MAIN IS TO HAVE MINIMUM 50mm BEDDING OVER THE SERVICE. THE COVER SLAB CONSTRUCTED AS PART OF THE CROSSING. COVER SLAB TO BE EXTENDED TO THE FULL WIDTH OF THE ROAD RESERVE. COVER SLAB TO BE CONSTRUCTED IN ACCORDANCE WITH APA DRAWING 530-DWG-L-5001 REV1. COVER SLAB EXTENTS TO BE SURVEYED AND INFORMATION TO BE PROVIDED TO APA FOR RECORD.

NOT TO SCALE

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

PS903855L

28/02/2025

DATE OF APPROVAL

3	STAGE EXTENTS AMENDED, DETAILS & TABLES AMENDED	P.C.	19/11/24	Scale
2	PARKING BAY PAVEMENT DETAIL AMENDED & TRUCK PARKING BAY DETAIL ADDED	P.C.	22/12/23	
1	VEHICLE CROSSING AMENDED	P.C.	16/11/23	
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23	
E	KERB TYPE, FOOTPATH & DETAIL AMENDED	P.C.	02/08/23	
D	KERB DETAIL & NOTE ADDED	P.C.	01/08/23	
C	FOOTPATH & DRIVEWAY AMENDED	J.P.P.	03/07/23	
B	STAGING, PARKING BAY & FOOTPATH AMENDED, DRIVEWAY DETAIL ADDED	P.C.	02/05/23	
Rev	Amendments	Approved	Date	



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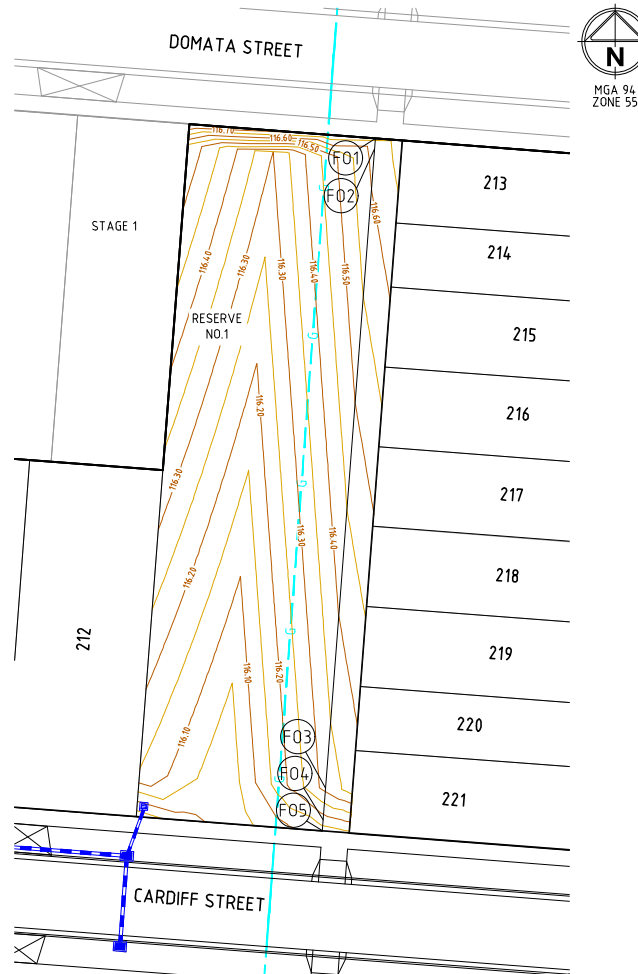
YourLand
Developments

Designed
H.KURMUS
Checked
J.POYNER
Date
15/11/22

MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
PAVEMENT AND TYPICAL DETAILS
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION 309856CR700 3

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ALIGNMENT F0

POINT NO	EASTING	NORTHING	RL
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F02	322377.160	5828610.674	116.619
F03	322372.568	5828550.850	116.319
F04	322372.339	5828547.859	116.168
F05	322372.262	5828546.862	116.117

CITY OF WHITTLESEA
ENGINEERING PLANS & SPECIFICATIONS
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PLAN OF SUBDIVISION No. _____ PS909555L


DEVELOPMENT ENGINEER

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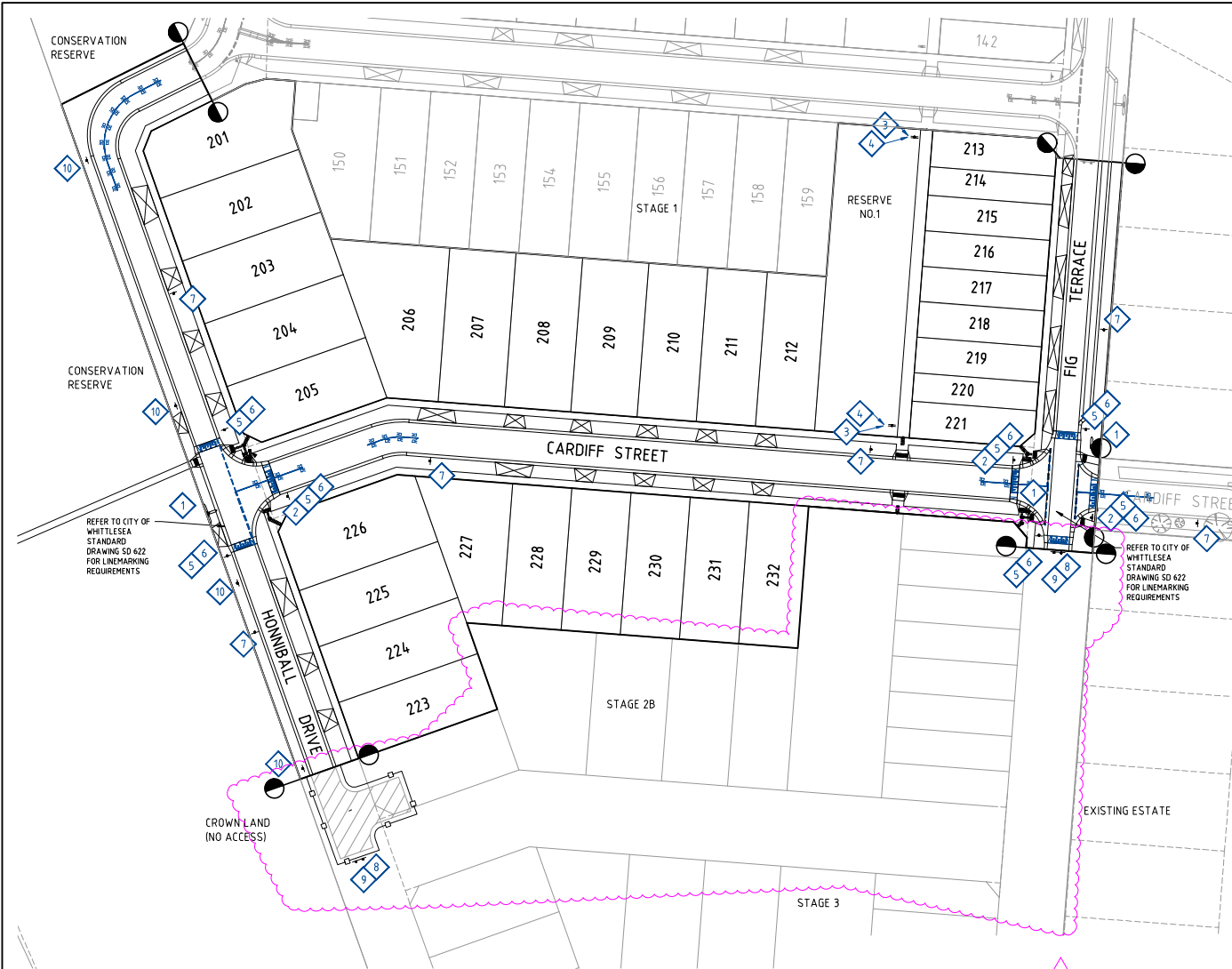
Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)
Checked
J.POYNER
Date
15/11/22

MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
FOOTPATH SETOUT AND RESERVE DETAILS
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION 309856CR701 1

Rev	Amendments	Approved	Date
1	STAGE EXTENTS AMENDED, VIEWPORT REMOVED	P.C.	19/11/24
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
B	FOOTPATH ALIGNMENT, CONTOURS, SETOUT POINTS & BUBBLES AMENDED	P.C.	02/05/23
A	PRELIMINARY ISSUE	P.C.	15/11/22

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SIGNAGE SCHEDULE:

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2	
3	
4	
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7	
8	
9	
10	

LINEMARKING LEGEND:

SYMBOL	DESCRIPTION	REMARK
	PARKING & LANE LINE	100mm WIDE
	HOLDING LINE (GIVE WAY)	600mm LINE, 600mm GAP, 300mm WIDE
	CONTINUITY LINE (STATCON)	600mm LINE, 600mm GAP, 150mm WIDE
	TACTILE GROUND SURFACE INDICATORS	AS PER COUNCIL STANDARD DRAWING AND A51428.4.1

NOTE: TACTILE GROUND SURFACE INDICATORS ARE TO BE POLYPLASTIC OR METAL AND MECHANICALLY FIXED.

CITY OF WHITTLESEA

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

PLAN OF SUBDIVISION No. PS909555L

DEVELOPMENT ENGINEER

28/02/2025
DATE APPROVED

Rev	Amendments	Approved	Date
3	STAGE EXTENTS AMENDED	P.C.	19/11/24
2	VEHICLE CROSSING AMENDED	P.C.	22/12/23
1	VEHICLE CROSSING AMENDED	P.C.	16/11/23
0	ISSUED FOR CONSTRUCTION	P.C.	27/10/23
E	KERB TYPE & FOOTPATH AMENDED	P.C.	02/08/23
D	RAISED PAVEMENT, SIGNS & NOTES ADDED	P.C.	01/08/23
C	DRIVEWAY, FOOTPATH & SIGN AMENDED, SIGN & LINEMARKING ADDED	J.P.P.	03/07/23
B	FOOTPATH, STAGING, PARKING BAY & SIGNS AMENDED	P.C.	02/05/23

Scale
H 1500
SCALE @ A1
0 5 10 15 20 25



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YourLand
Developments
Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)
Checked
J.POYNER
Date
15/11/22

**MARRAN RUN
STAGE 2A
ROAD AND DRAINAGE
SIGNAGE AND LINEMARKING**
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS
CONSTRUCTION 309856CR800 **3**