

GENERAL NOTES:

- SURVEY**
1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) 2020, ZONE 55.
2. 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 ±0.05m.
3. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS4000-1997 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.
4. ROAD CHAINAGES REFER TO ROAD CENTRELINES. CHAINAGES FOR INTERSECTIONS AND CUL-DE-SACS REFER TO THE LIP OF KERB. KERB RADIUS FOR INTERSECTIONS REFER TO THE LIP OF KERB.
- EARTHWORKS**
5. 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.
6. 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 DENOTED IN THE SCHEDULE.
7. ALL EXCAVATED ROCK AND SURPLUS SPOIL TO BE REMOVED AND DISPOSED OFF SITE UNLESS NOTED OTHERWISE.
8. 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.
9. FILLING MATERIAL IS TO BE IN ACCORDANCE WITH THE SPECIFICATION, AS 3798-2007 & TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.
10. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
11. 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.
12. 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.
13. AT LEAST 3 DAYS PRIOR TO COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 150m 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.
14. 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.
15. WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, DESLUDGED 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
16. NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCIL'S PERMISSION.
- SERVICES**
17. 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

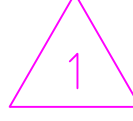
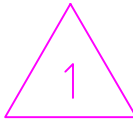
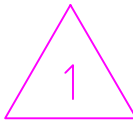
18. ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION.
19. WATER TAPPINGS TO BE LOCATED IN CENTRE OF ALLOTMENTS UNLESS OTHERWISE SHOWN.
20. TELSTRA ARE TO BE NOTIFIED 7 DAYS PRIOR TO PLACEMENT OF CONCRETE WORKS.
- STORM WATER DRAINAGE**
21. AG/SUBSOIL DRAIN TO BE LAID BEHIND KERB WHERE REQUIRED IN ACCORDANCE WITH THE COUNCIL STANDARD DRAWINGS (EDCM 202) AND CONNECTED TO UNDERGROUND DRAINAGE.
22. 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.).
23. CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m (WHERE OUTSIDE OF SEWER) FROM THE PROPERTY LINE UNLESS SHOWN OTHERWISE.
24. 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.

- PAVEMENT**
25. PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL PAVEMENT DEPTH.
26. 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.
27. 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.
- SIGNAGE AND LINEMARKING**
28. LINEMARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742 SERIES UNLESS NOTED OTHERWISE. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARDS.
29. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE SUPPLIED AND MAINTAINED IN ACCORDANCE WITH AS 1742-3.
30. TACTILE GROUND SURFACE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE DISABILITY DISCRIMINATION ACT (DDA) ACCESSIBILITY GUIDELINES, VICROADS TRAFFIC ENGINEERING MANUAL - VOLUME 3, EDITION 1, MARCH 2017 AND WITH AUSTRALIAN STANDARDS AS1428.4.1 - 2009.

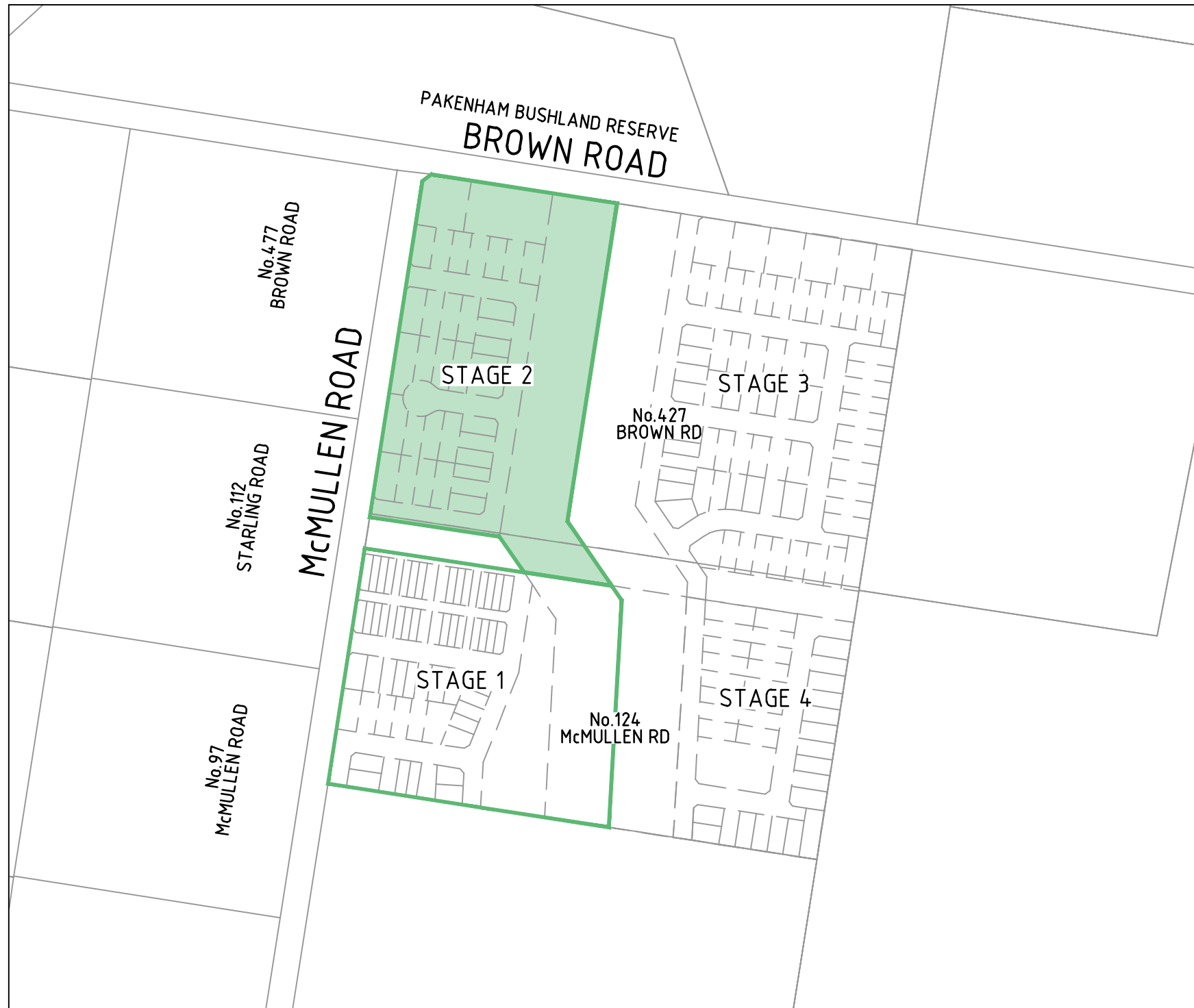
- ENVIRONMENTAL**
31. CONTRACTOR TO PROVIDE AN ENVIRONMENTAL MANAGEMENT PLAN, INCLUDING SILT AND SEDIMENT RUNOFF PROTECTION ETC., WHICH IS TO BE APPROVED PRIOR TO THE COMMENCEMENT OF WORKS.
32. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE SUPERINTENDENT.
33. TREES NOT SPECIFIED FOR REMOVAL ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS.

DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
CR100	FACE SHEET	1	1
CR200	EXISTING CONDITIONS PLAN	2	0
CR201	ROAD & DRAINAGE	3	1
CR202	SERVICES PLAN	4	1
CR300	ROAD LONGITUDINAL SECTIONS - SHEET 1	5	0
CR400	ROAD CROSS SECTIONS - SHEET 1	6	0
CR401	ROAD CROSS SECTIONS - SHEET 2	7	0
CR402	ROAD CROSS SECTIONS - SHEET 3	8	0
CR500	INTERSECTION DETAILS - SHEET 1	9	0
CR501	INTERSECTION DETAILS - SHEET 2	10	0
CR502	INTERSECTION & SWALE DETAILS - SHEET 3	11	1
CR600	DRAINAGE LONGITUDINAL SECTIONS - SHEET 1	12	0
CR601	DRAINAGE LONGITUDINAL SECTIONS - SHEET 2	13	0
CR602	DRAINAGE LONGITUDINAL SECTIONS - SHEET 3	14	0
CR603	DRAINAGE PIT SCHEDULE - SHEET 4	15	0
CR700	PAVEMENT AND TYPICAL DETAILS - SHEET 1	16	0
CR800	SIGNAGE AND LINEMARKING	17	1



OFFICER FIELDS STAGE 2 YOURLAND PTY LTD



LOCALITY PLAN
MELWAY: 215 A1
H 1:4000
SCALE @ A1



WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
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LEGEND

DESCRIPTION	EXISTING	PROPOSED
HIGH PRESSURE GAS PIPELINE & "NO GO" ZONE	HP GAS	
WATER MAIN, VALVE AND HYDRANT	DW	DW
WATER RECYCLED	NDW	NDW
UNDERGROUND ELECTRICITY	E	E
OVERHEAD ELECTRICITY & POLE	OE	OE
TELSTRA & SERVICE PIT	T	T
OPTIC FIBRE	OF	OF
OVERHEAD TELSTRA	OT	
GAS MAIN	G	G
BRANCH SEWER & MAINTENANCE STRUCTURE	S	S
SEWER & MAINTENANCE STRUCTURE	S	S
SEWER RISING MAIN	SRM	SRM
CENTRAL INVERT	>	>
COUNCIL STORM WATER DRAIN AND PIT		
STORM WATER DRAINAGE PROPERTY INLETS		
COUNCIL STORMWATER PITS		
MWC MAIN DRAINAGE		
HOUSE DRAIN		
STORM WATER DRAINAGE PIT NUMBER	Ex 1	2
GAS & WATER CONDUITS	GW	GW
CONCRETE VEHICLE CROSSING		
SURFACE CONTOUR MINOR	- 168.90 -	168.90
SURFACE CONTOUR MAJOR	- 169.00 -	169.00
SURFACE LEVEL	E123.45	F124.68
BATTER LEVEL (TOP / TOE)	T124.80	T124.80
EARTHWORKS GRADE		1 in 150
SIGN AND POST		
LIGHT & POLE (BY OTHERS)		
STREET SIGN		
PERMANENT SURVEY MARK		
TEMPORARY BENCH MARK		
BOLLARD		
ROAD CHAINAGES	CH116.57 (L/R)TP CH116.57 CH20.06	CH116.57 (L/R)TP CH116.57 CH20.06
LOT CHAINAGES		
SETOUT POINT		A2
LIMIT OF WORKS		
BATTER		
EXCAVATION GREATER THAN 0.20m		
FILLING GREATER THAN 0.20m		
FENCE - TREE PROTECTION		
FENCE - VEHICLE EXCLUSION		
FENCES		
TREE TO BE REMOVED		
TREE TO BE RETAINED		
TACTILE GROUND SURFACE INDICATOR		B2 SM2
KERB TRANSITION		
RETAINING WALL		
INTERNAL ROAD PAVEMENT		
CONCRETE PAVEMENT ACCESS STREET (6A MODIFIED) (McMULLEN ROAD)		
FOOTPATH CONCRETE (AS PER EDMC 401)		
FUTURE FOOTPATH		
CONCRETE PAVEMENT STANDARD VEHICLE CROSSING		
HEAVY DUTY VEHICLE CROSSING (AS PER EDMC 503)		

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Rev	Amendments	Approved	Date
1	UPDATES TO CR201-202, 502, 800	S.M	04/08/21
0	ISSUED FOR CONSTRUCTION	SM	04/05/21
E	UPDATES TO CR201, 202, 600, 603, 800	SM	29/04/21
D	UPDATES TO CR201, 502, 603	SM	19/04/21
C	UPDATES TO CR201, 502	SM	08/04/21
B	UPDATES TO CR201, 202, 502, 700	SM	26/02/21
A	ISSUED FOR APPROVAL	SM	05/11/20

Scale	AS SHOWN
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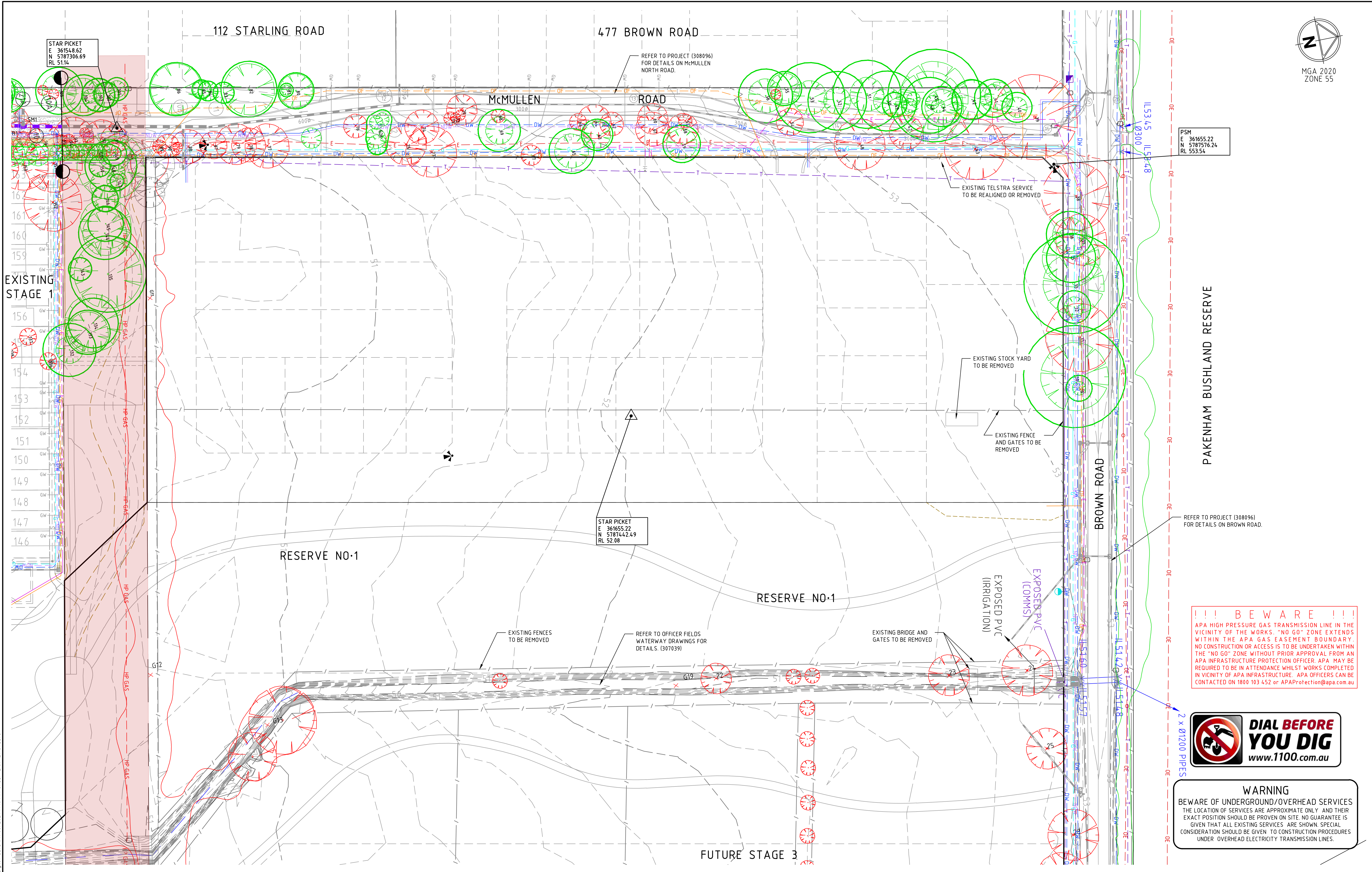


Designed J.SIM	Checked B. MUGRIDGE
Authorised S.MURPHY	Date 17-08-20

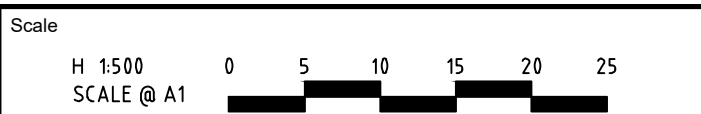
**OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
GENERAL NOTES - SHEET 1**
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

CONSTRUCTION Drg No **307019CR100** Rev **1**

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A	ISSUED FOR APPROVAL	SM	05/11/20

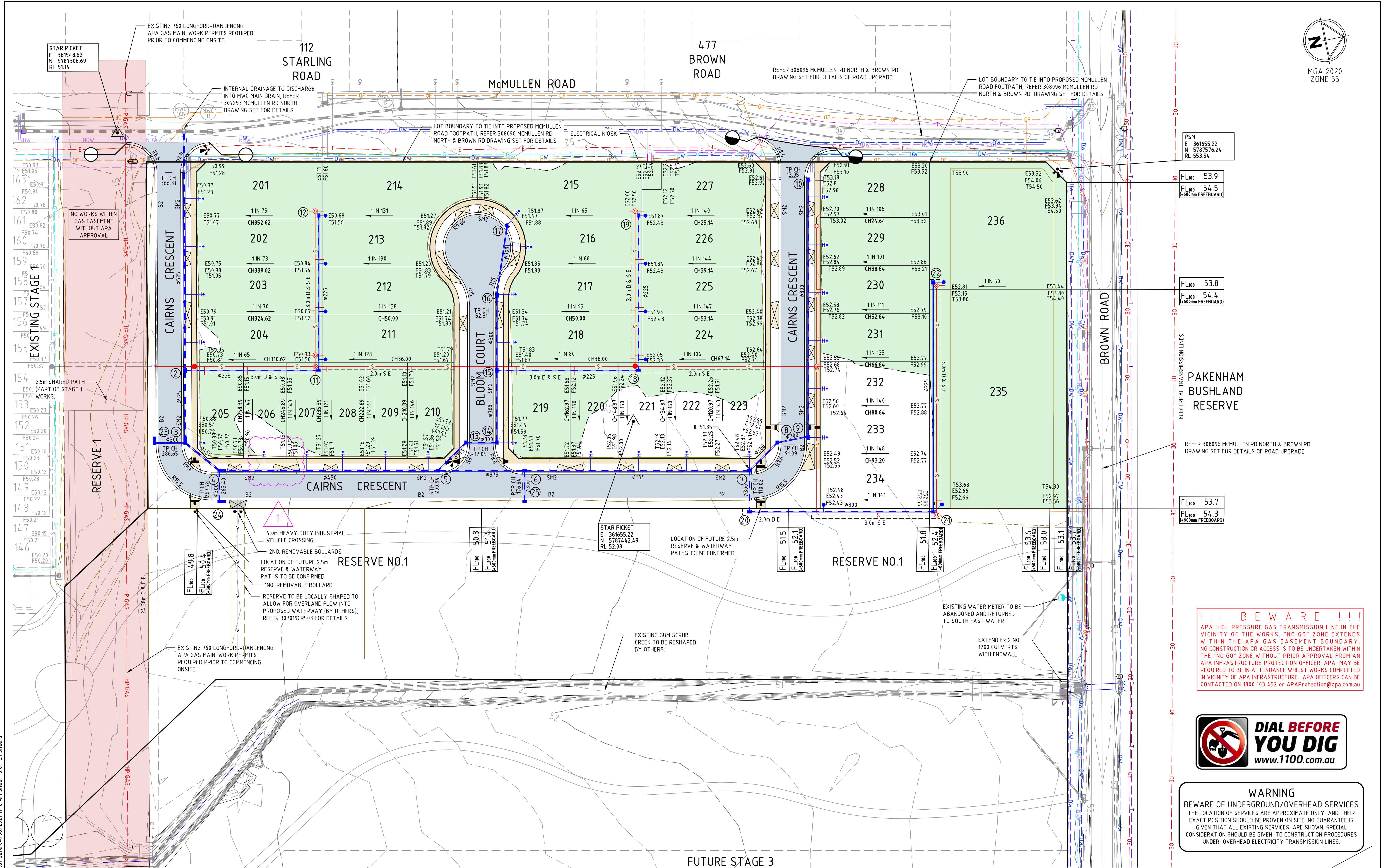


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B. MUGRIDGE
Date
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**OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
ROAD LAYOUT PLANS - EXISTING CONDITIONS PLAN**
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD
CONSTRUCTION Drg No 307019CR200 Rev 0

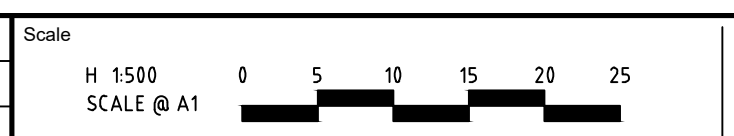


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WARNING
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1	DW SHIFT LOT 206	S.M	04/08/21
0	ISSUED FOR CONSTRUCTION	SM	04/05/21
E	UPDATES AS PER COUNCIL COMMENTS	SM	29/04/21
D	UPDATES AS PER COUNCIL COMMENTS	SM	19/04/21
C	UPDATES AS PER COUNCIL COMMENTS	SM	08/04/21
B	UPDATES AS PER COUNCIL COMMENTS	SM	26/02/21
A	ISSUED FOR APPROVAL	SM	05/11/20
Rev	Amendments	Approved	Date



AS/NZS 1530
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J.SIM

Authorised
S.MURPHY

Checked
B. MUGRIDGE

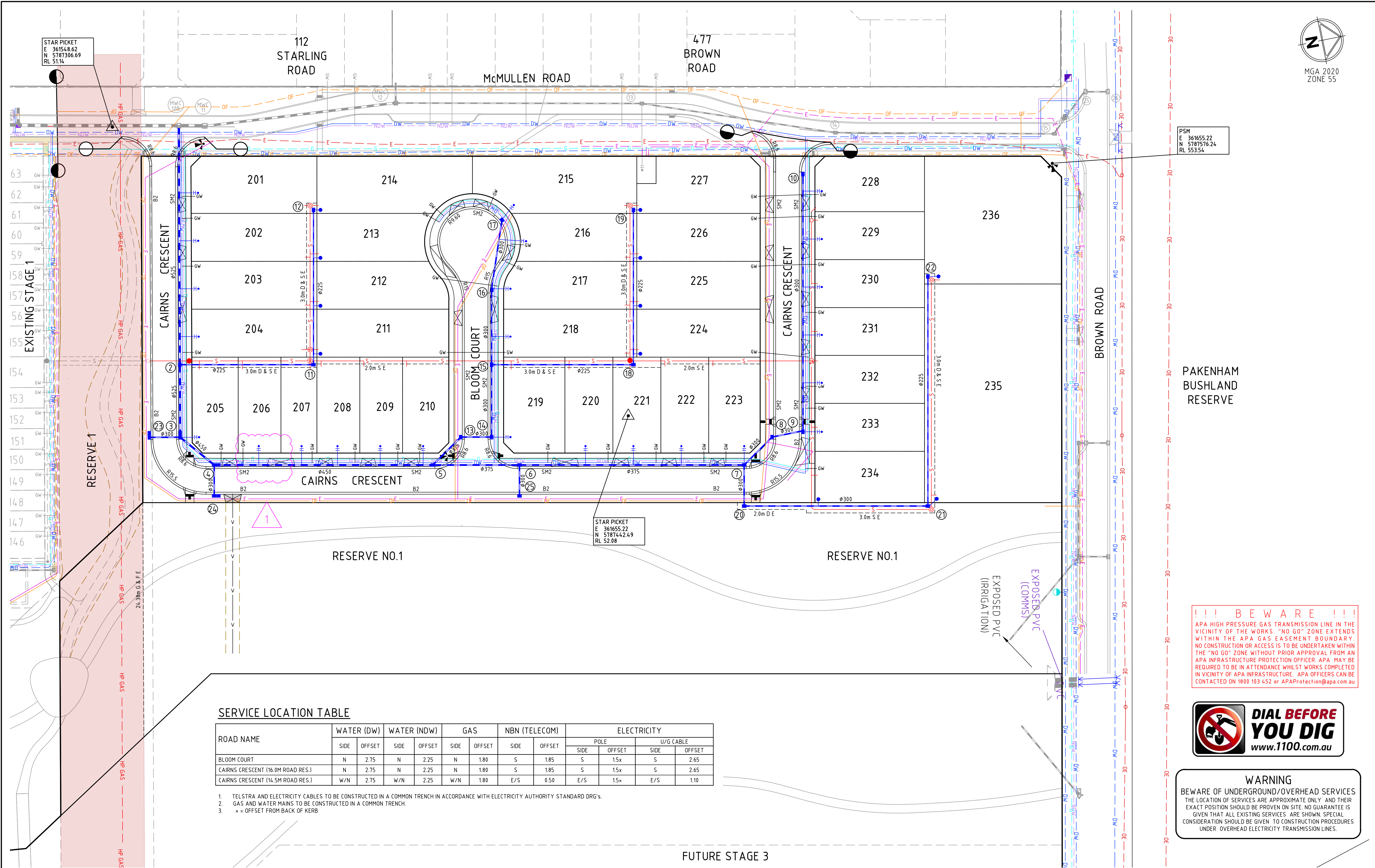
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**OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
ROAD LAYOUT PLANS - ROAD AND DRAINAGE
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD**

CONSTRUCTION 307019CR201

1

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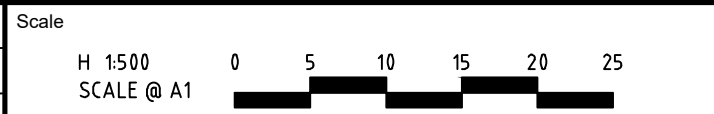


SERVICE LOCATION TABLE

ROAD NAME	WATER (DW)		WATER (NDW)		GAS		NBN (TELECOM)		ELECTRICITY			
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	POLE		U/G CABLE	
BLOOM COURT	N	2.75	N	2.25	N	1.80	S	1.85	S	1.5x	S	2.65
CAIRNS CRESCENT (16.0M ROAD RES.)	N	2.75	N	2.25	N	1.80	S	1.85	S	1.5x	S	2.65
CAIRNS CRESCENT (14.5M ROAD RES.)	W/N	2.75	W/N	2.25	W/N	1.80	E/S	0.50	E/S	1.5x	E/S	1.10

1. TELSTRA 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. x = OFFSET FROM BACK OF KERB

Rev	Amendments	Approved	Date
1	DW SHIFT, LOT 206 G&W CONNECTION MOVED	S.M	04/08/21
0	ISSUED FOR CONSTRUCTION	SM	04/05/21
C	CHANGE IN OUTLET PIPE ALIGNMENT	SM	29/04/21
B	DRAINAGE PIT NUMBERS SHOWN	SM	26/02/21
A	ISSUED FOR APPROVAL	SM	05/11/20



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**OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
ROAD LAYOUT PLANS - SERVICES PLAN**
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

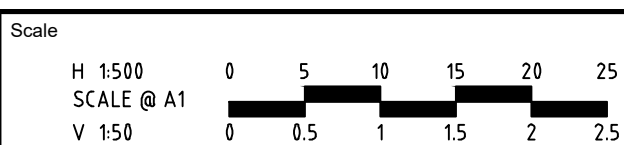
CONSTRUCTION Drg No 307019CR202 Rev 1

CAIRNS CRESCENT

BLOOM COURT

CAIRNS CRESCENT

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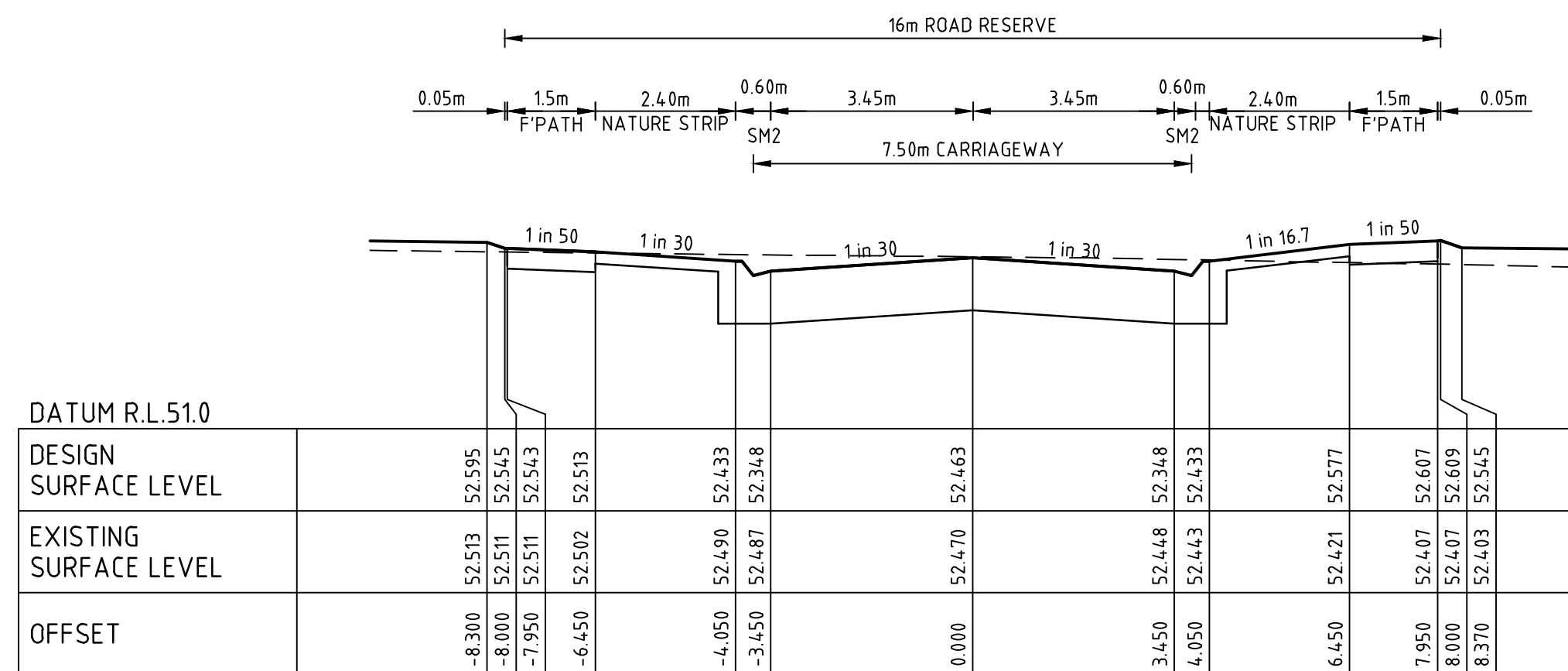


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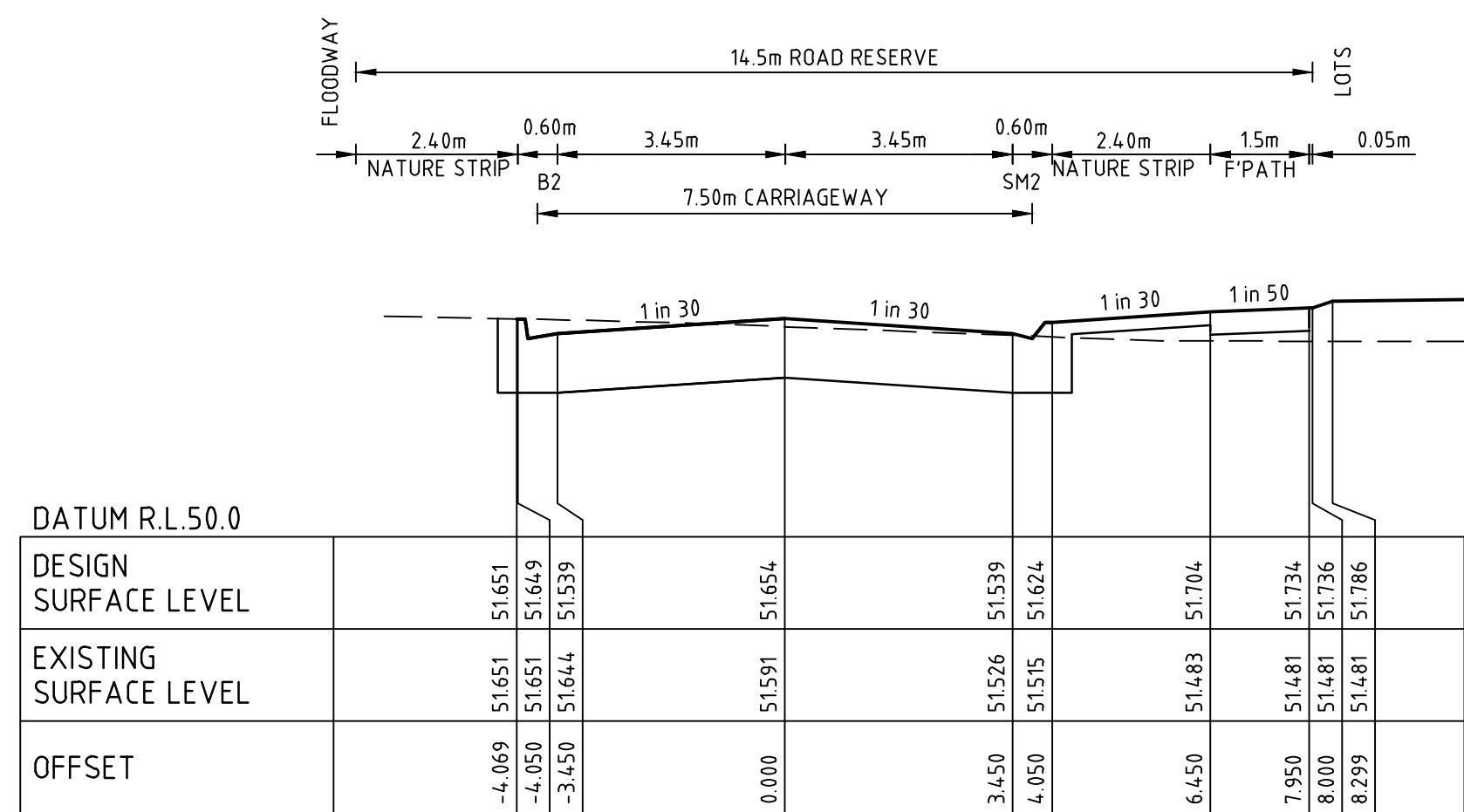
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OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 1
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

CONSTRUCTION Drg No Rev
307019CR300 0



CAIRNS CRESCENT CH 91.09

CAIRNS CRESCENT CH 66.64CAIRNS CRESCENT CH 13.05

CAIRNS CRESCENT CH 176.84

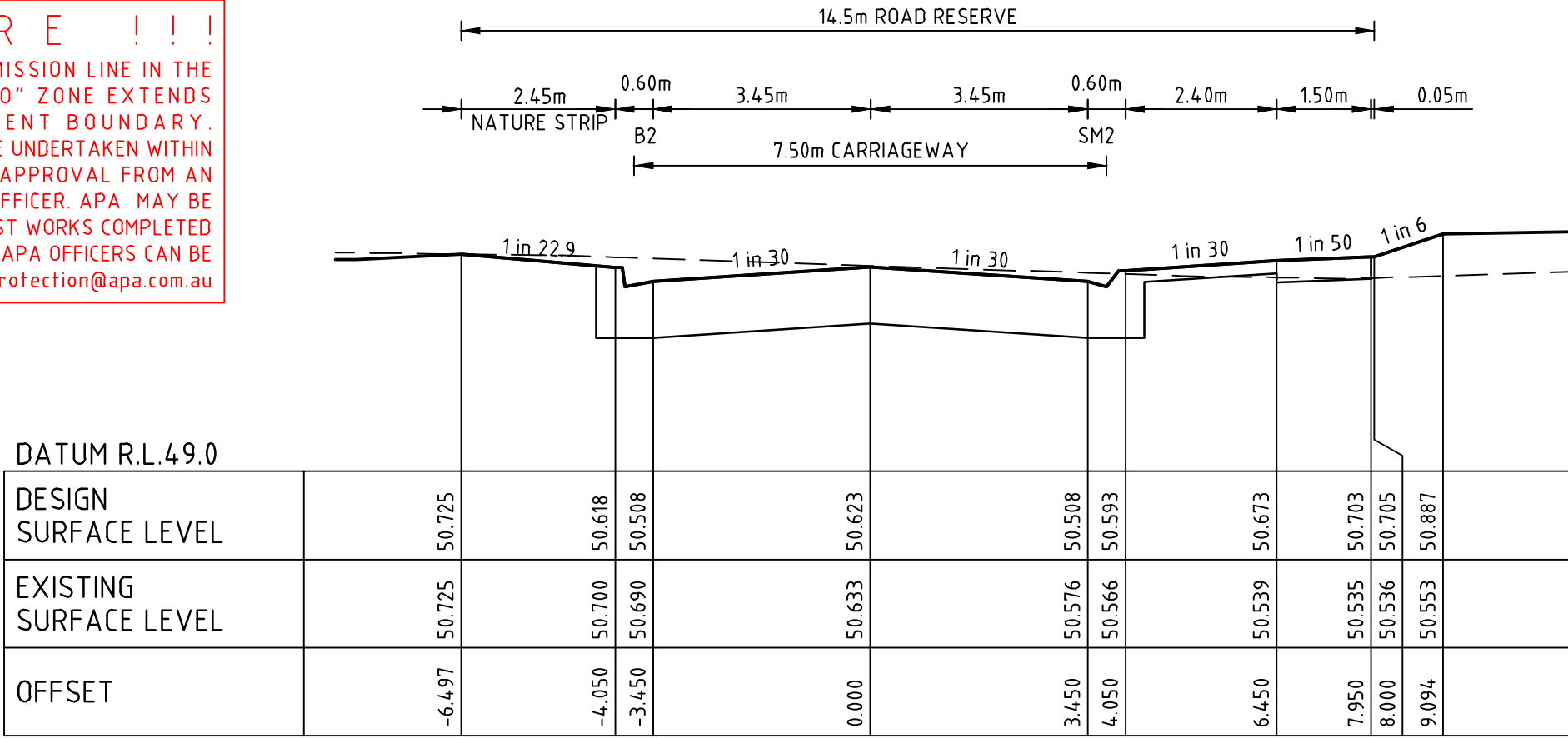
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CAIRNS CRESCENT CH 110.02

FILLING NOTE
ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.

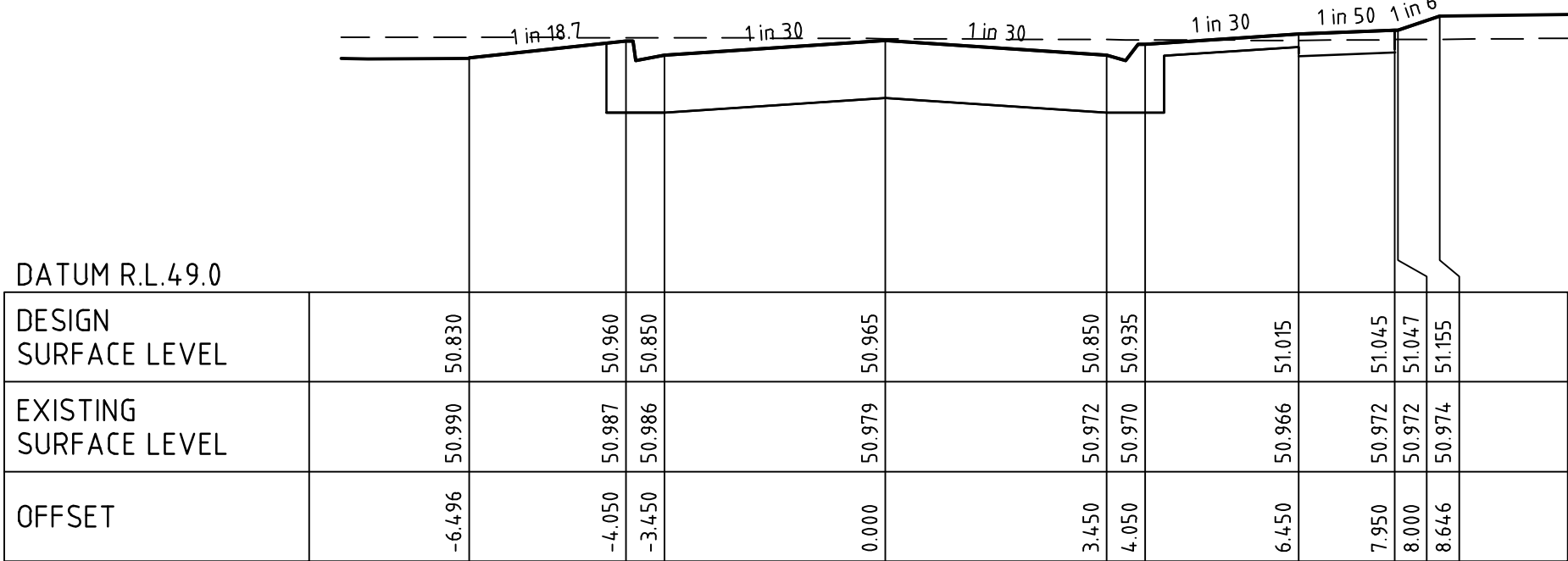
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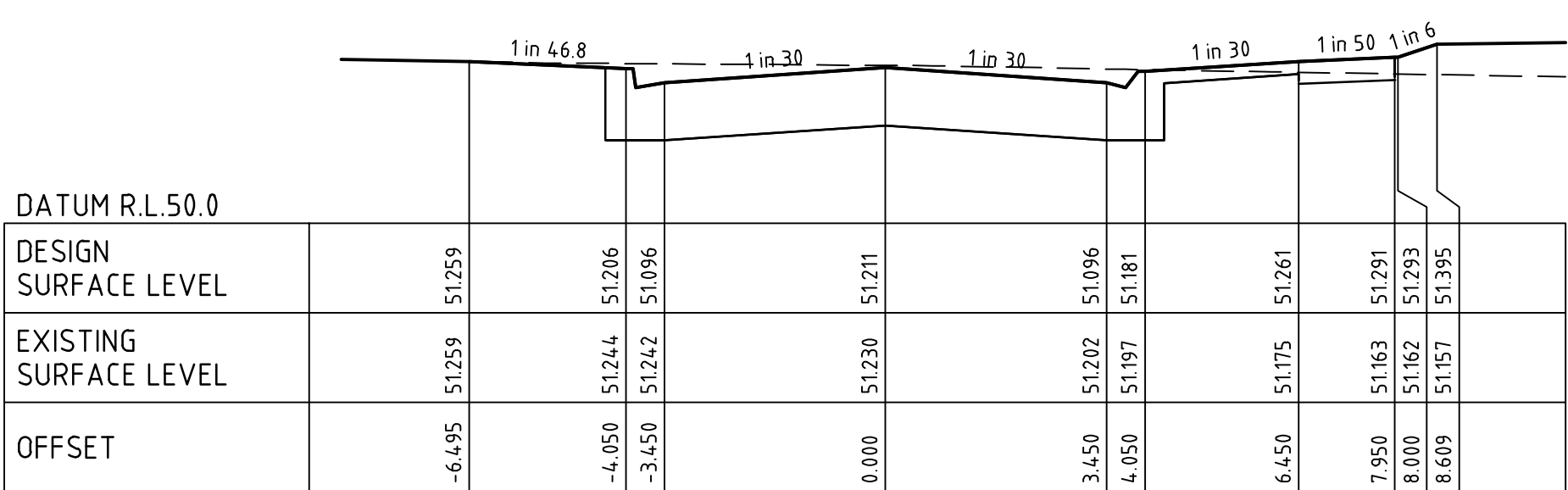
CAIRNS CRESCENT

CH 267.78



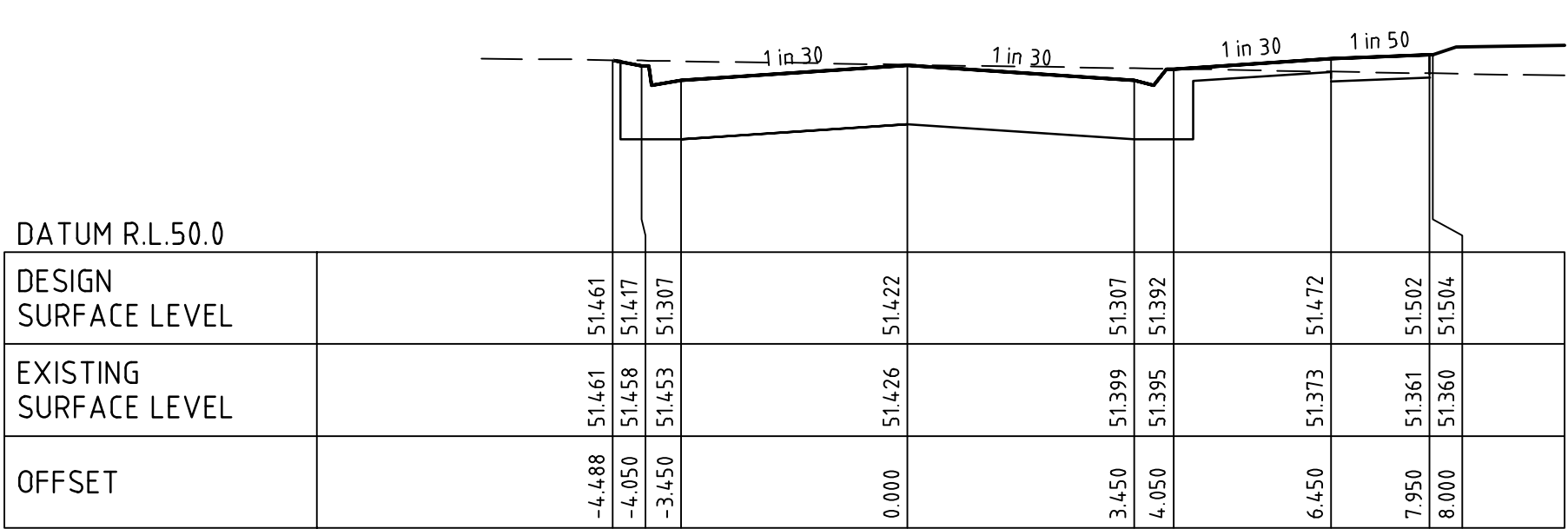
CAIRNS CRESCENT

CH 245.89



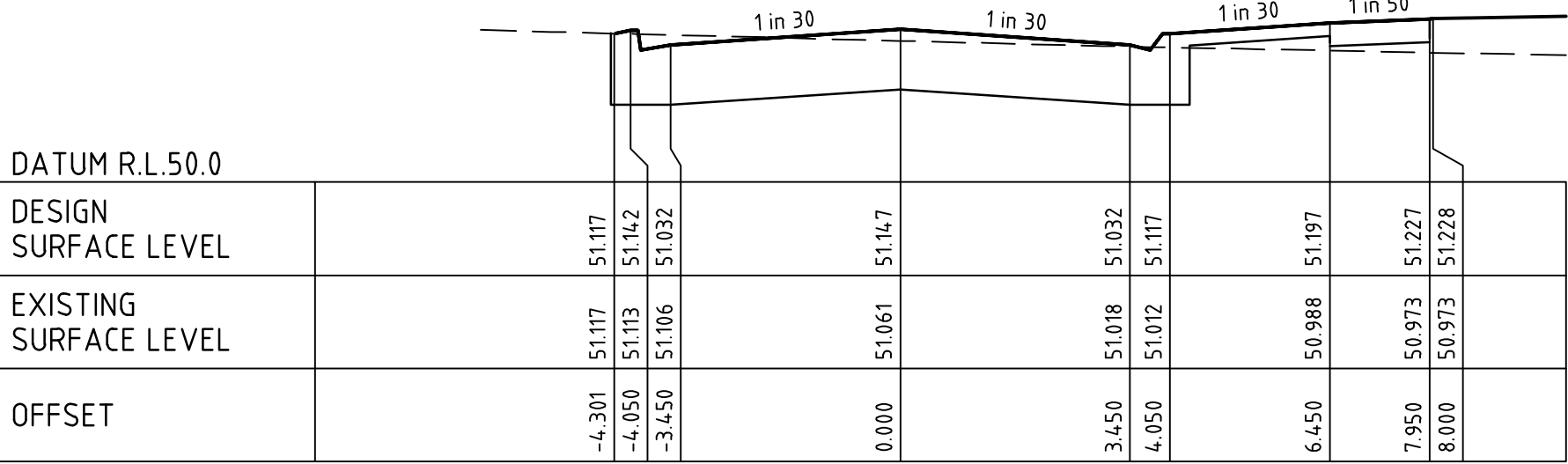
CAIRNS CRESCENT

CH 222.89



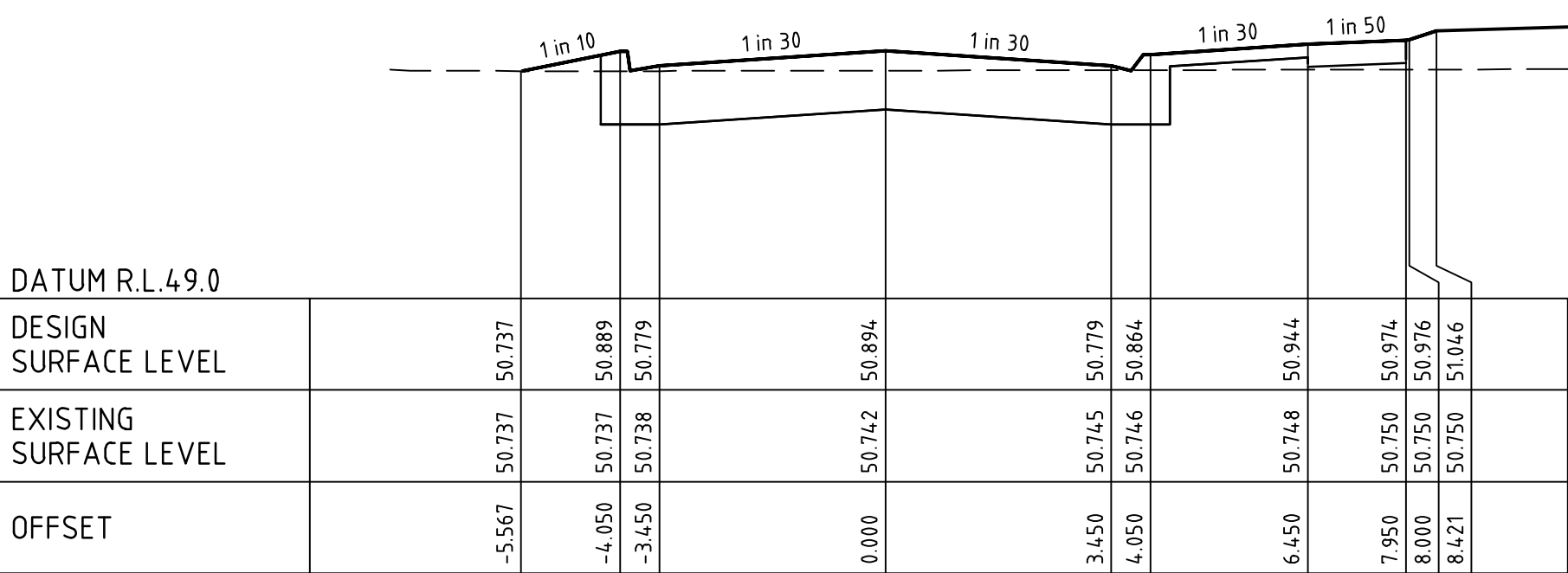
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CH 200.94



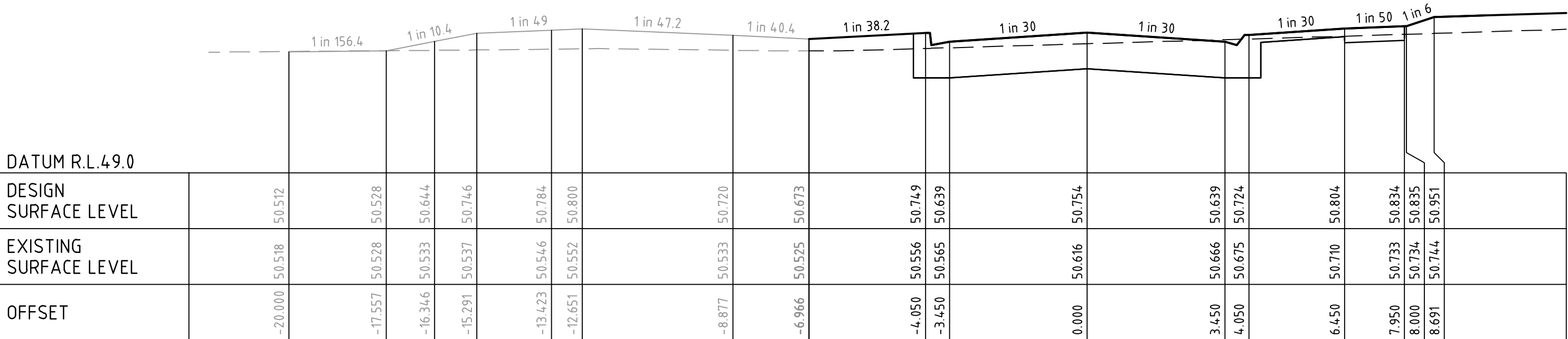
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CH 366.31



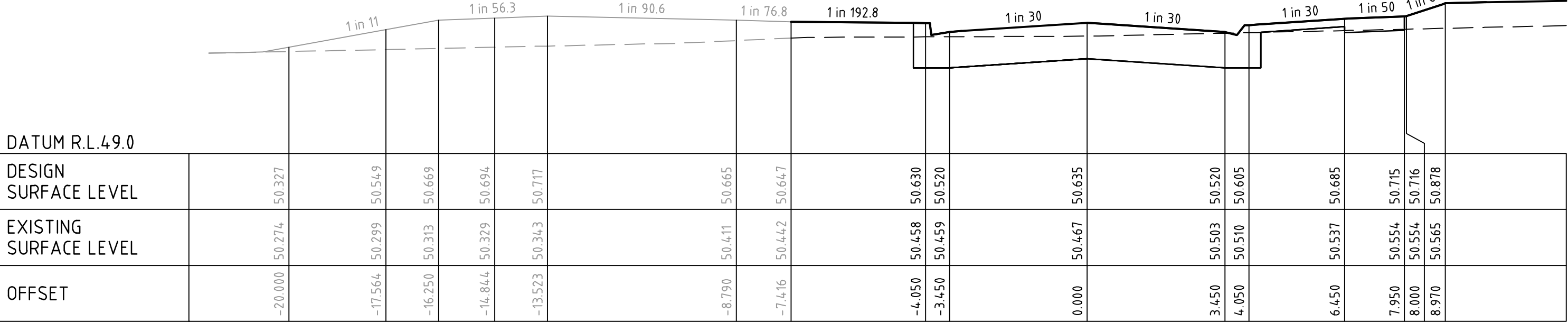
CAIRNS CRESCENT

CH 338.62



CAIRNS CRESCENT

CH 310.62

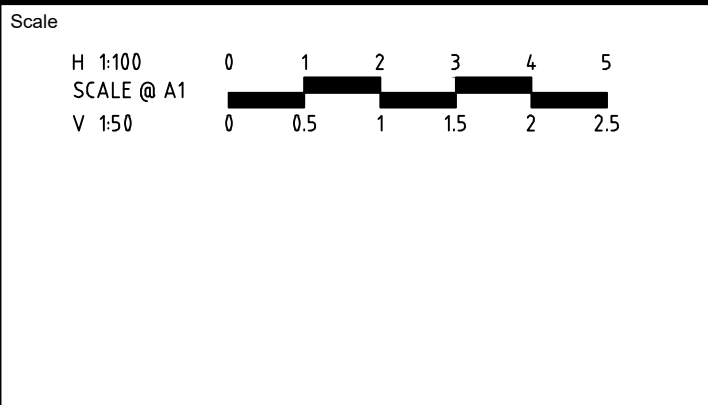


CAIRNS CRESCENT

CH 286.66

FILLING NOTE
ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.

0	ISSUED FOR CONSTRUCTION	SM	04/05/21
A	ISSUED FOR APPROVAL	SM	05/11/20
Rev	Amendments	Approved	Date



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YourLand Developments

Designed
J.SIM

Checked
B. MUGRIDGE

Authorised
S.MURPHY

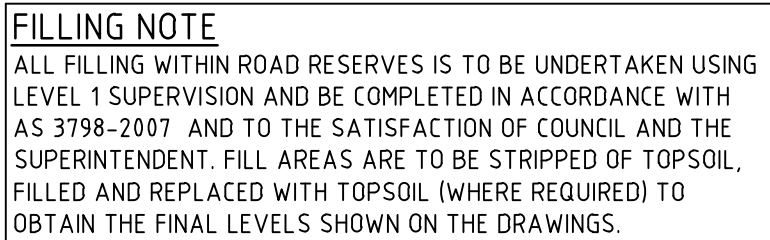
Date
17-08-20

**OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 2
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD**

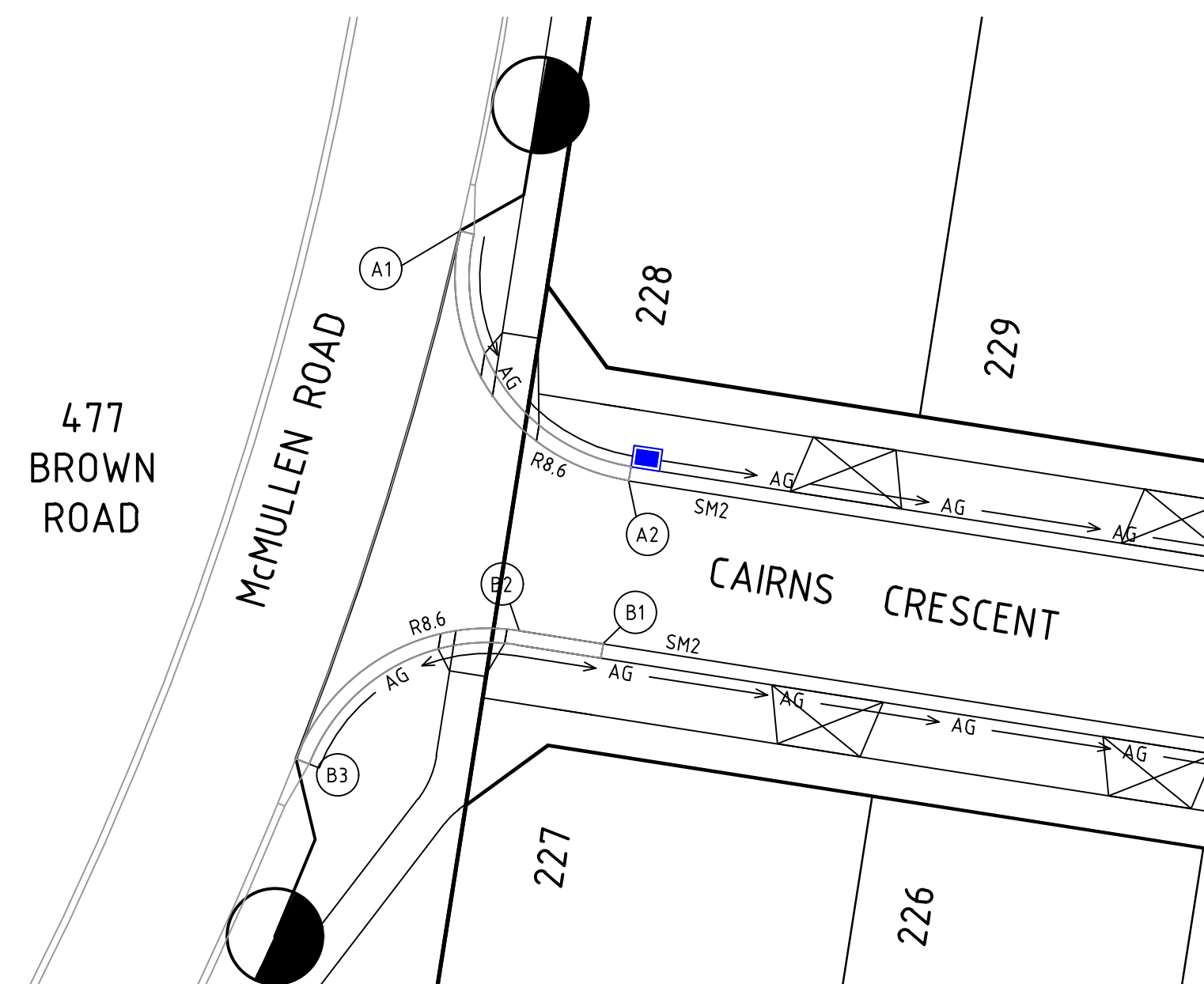
CONSTRUCTION

Drg No
307019CR401

Rev
0



CONSTRUCTION Drg No Rev
307019CR402 **0**

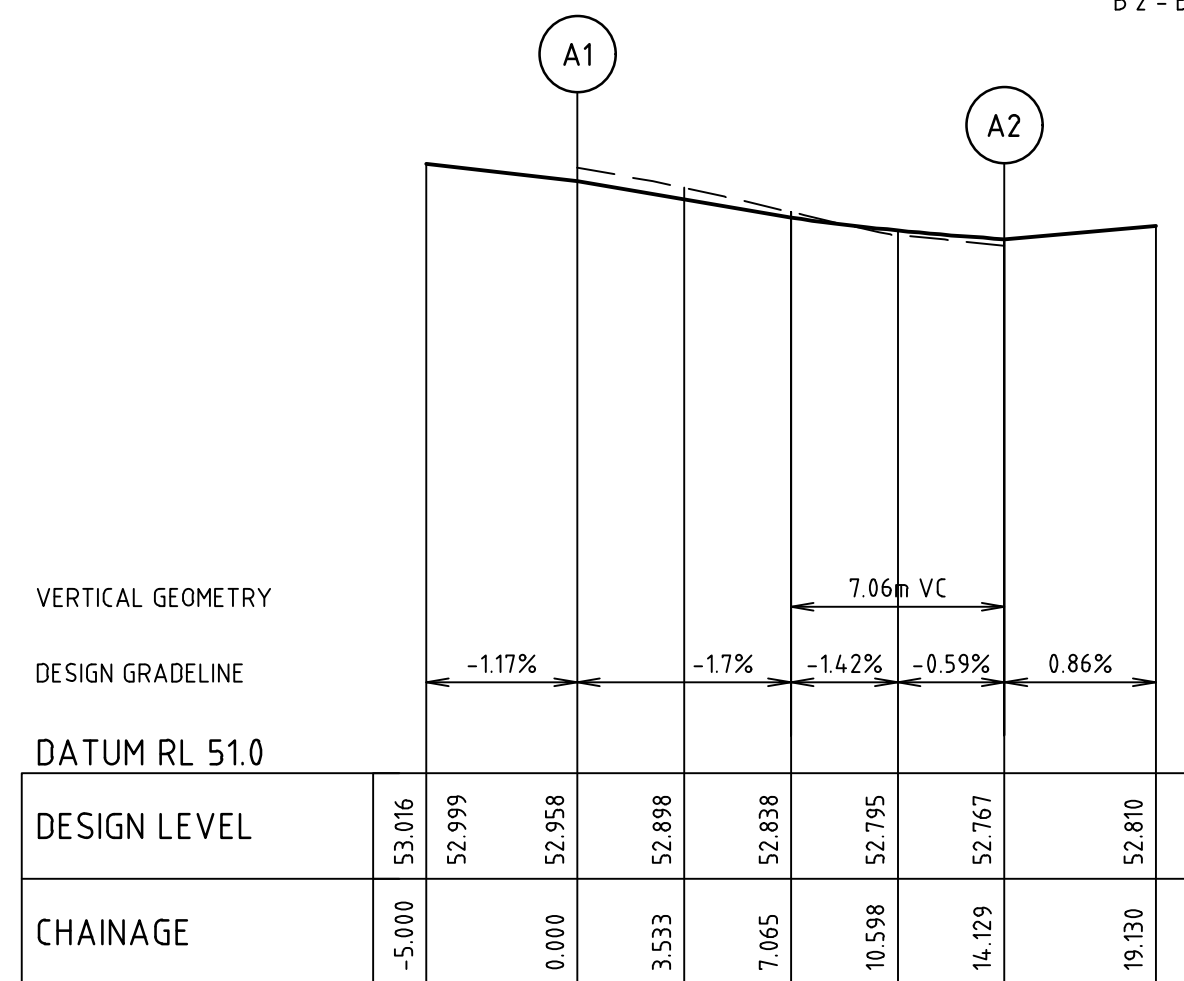


MCMULLEN ROAD AND CAIRNS CRESCENT
KERB RETURN A & B

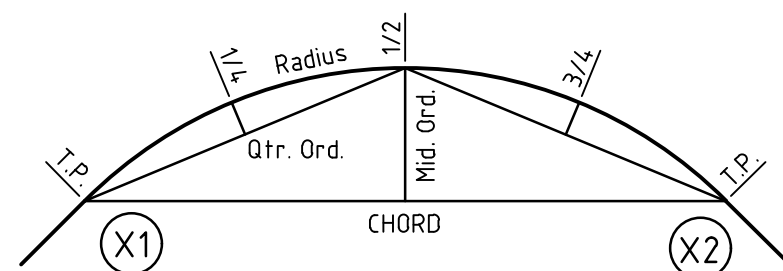
ALIGNMENT A

POINT NO	EASTING	NORTHING	RL
A1	361585.539	5787513.300	52.958
1/4	361585.462	5787509.793	52.898
1/2	361586.791	5787506.547	52.838
3/4	361589.306	5787504.102	52.795
A2	361592.588	5787502.864	52.767

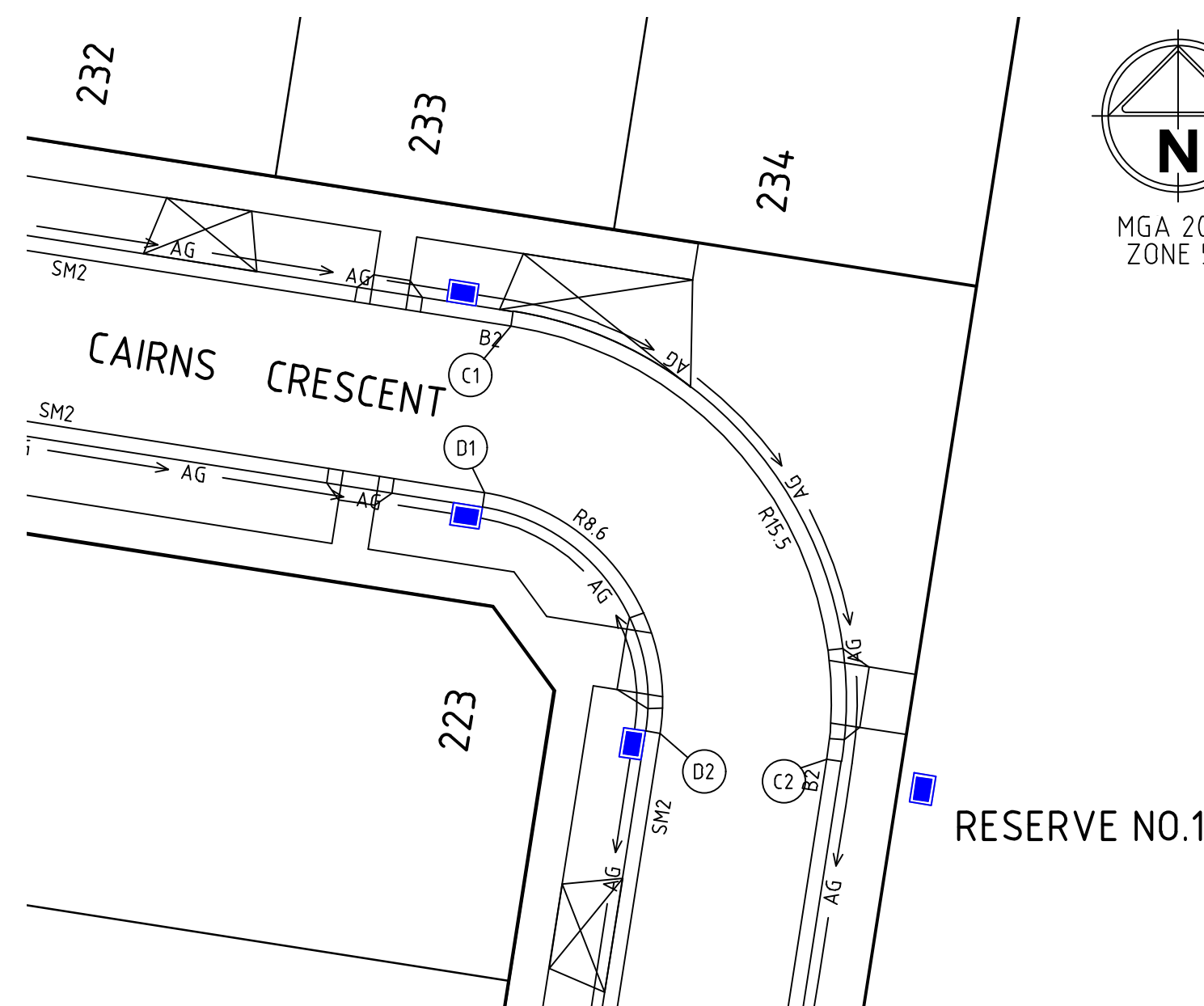
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
A1-A2	8.600	14.130	12.594	2.743	-0.715



KARB A



KERB RETURN SETOUT DETAIL



CAIRNS CRESCENT
KERB RETURN C & D

ALIGNMENT C

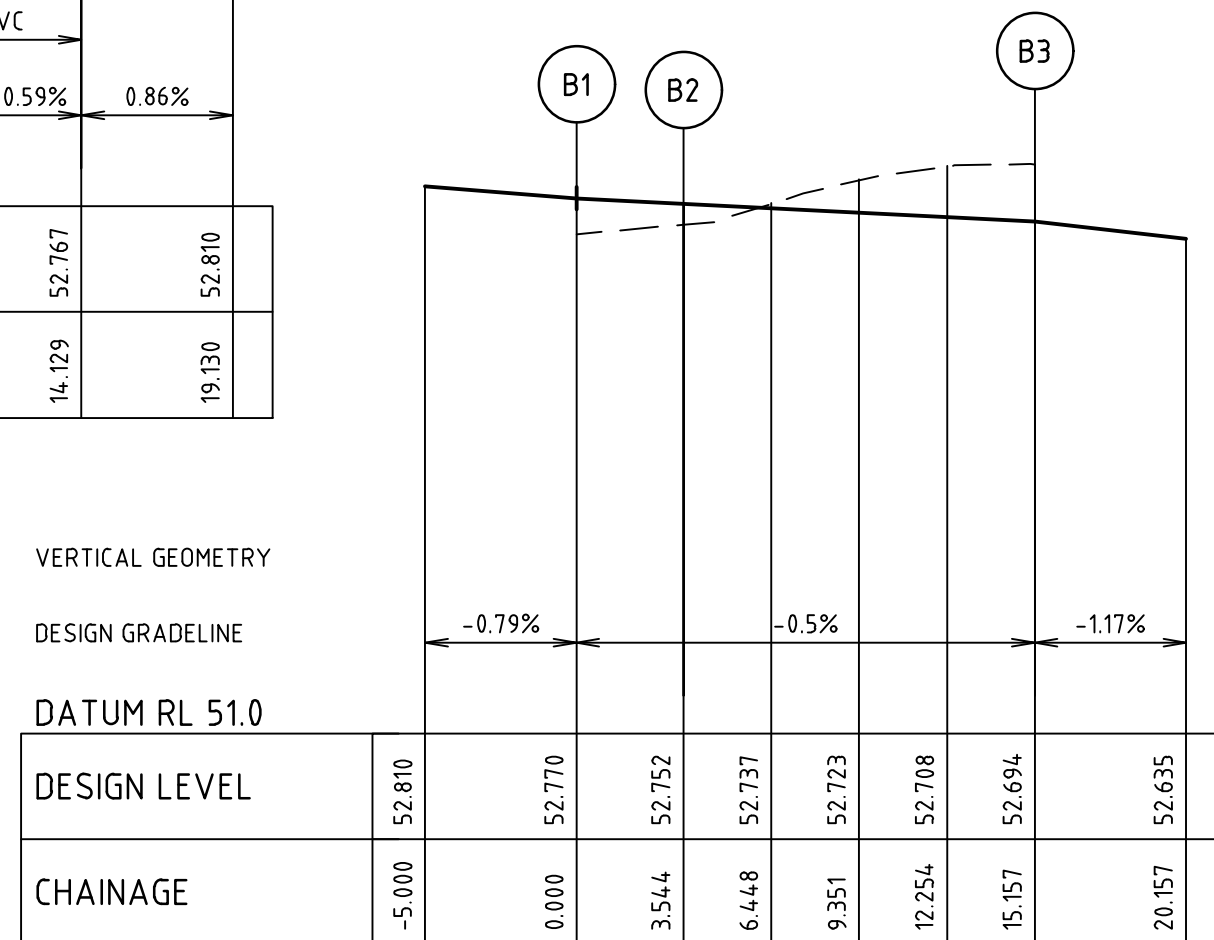
POINT NO	EASTING	NORTHING	RL
C 1	361669.688	5787490.802	52.348
1/4	361675.366	5787488.720	52.306
1/2	361679.815	5787484.623	52.265
3/4	361682.358	5787479.135	52.223
C 2	361682.606	5787473.093	52.181

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
C1-C2	15.500	24.347	21.920	4.540	1.180

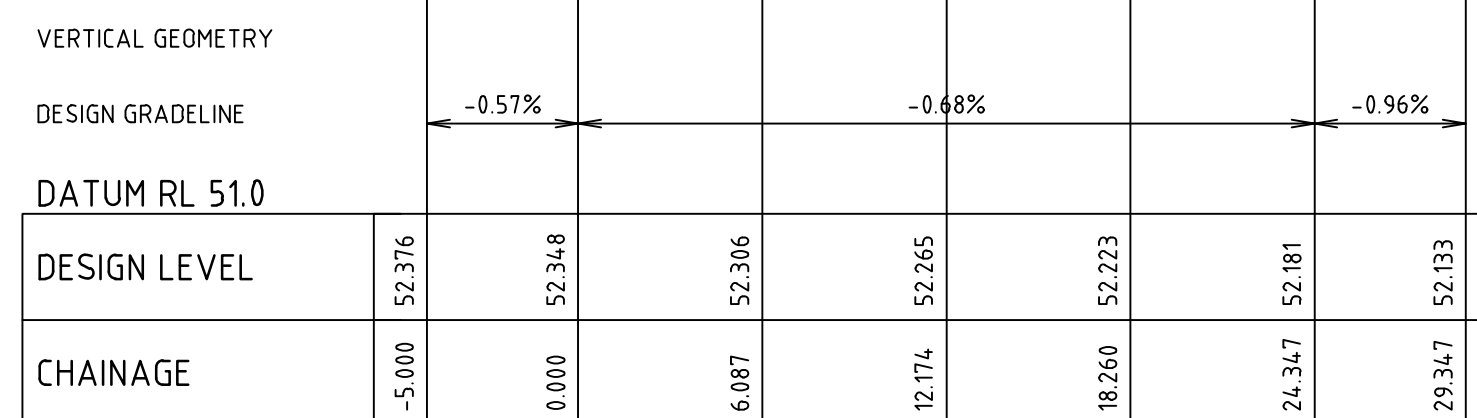
ALIGNMENT D

POINT NO	EASTING	NORTHING	RL
D1	361668.622	5787483.985	52.348
1/4	361671.772	5787482.830	52.306
1/2	361674.241	5787480.557	52.265
3/4	361675.651	5787477.512	52.223
D2	361675.789	5787474.159	52.181

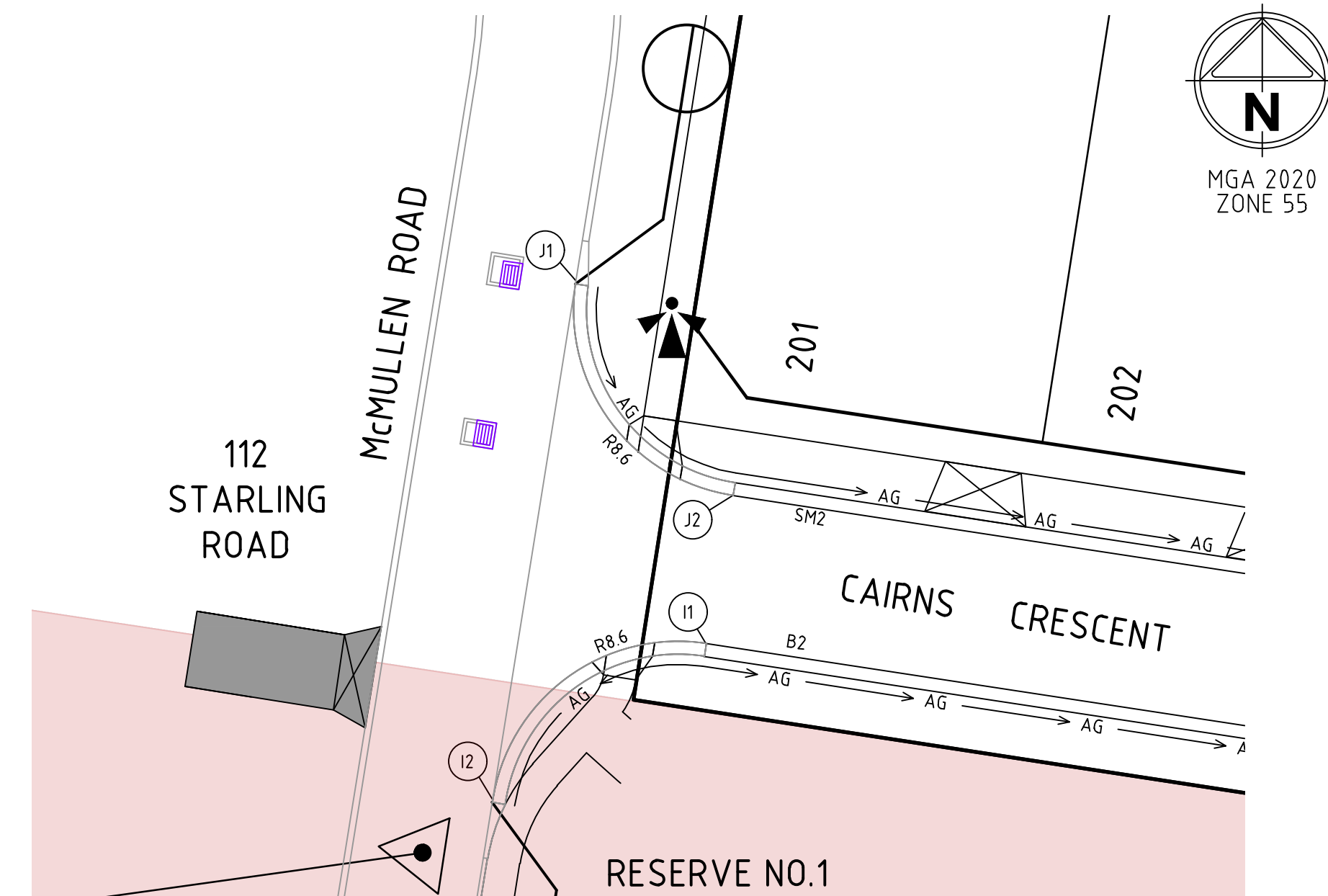
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
D1-D2	8.600	13.509	12.162	2.519	0.655



KARB B



KARB C

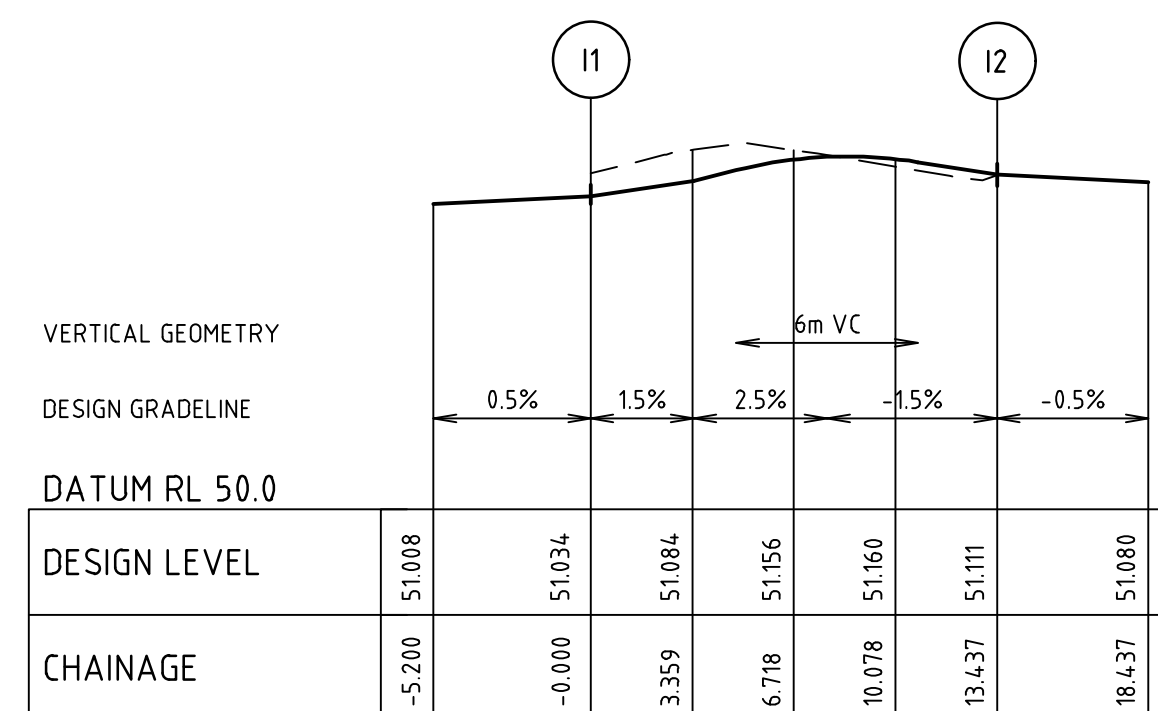


MCMULLEN ROAD AND CAIRNS CRESCENT
KERB RETURN I & J

ALIGNMENT I

POINT NO	EASTING	NORTHING	RL
11	361561.632	5787316.288	51.034
1/4	361558.297	5787316.140	51.084
1/2	361555.270	5787314.732	51.156
3/4	361553.008	5787312.278	51.160
12	361551.850	5787309.147	51.111

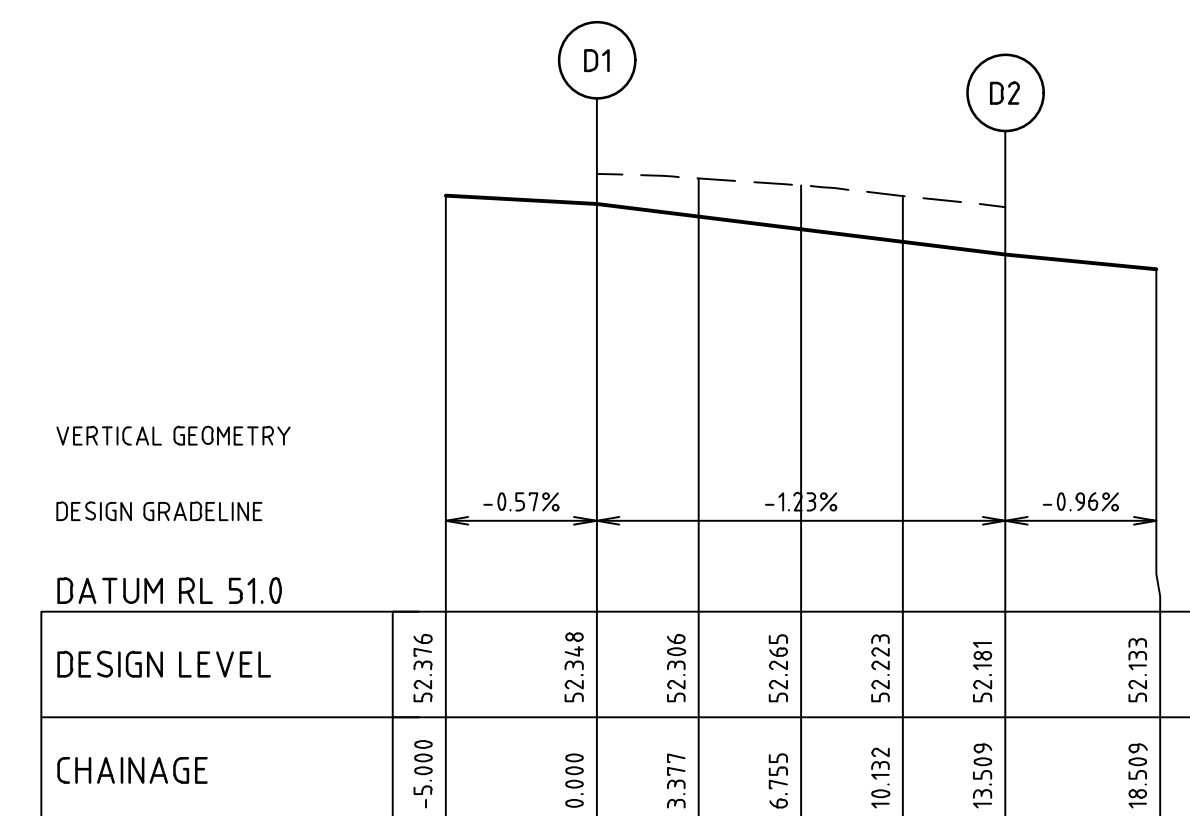
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
11-12	8.600	13.438	12.112	2.494	-0.648



KARB I

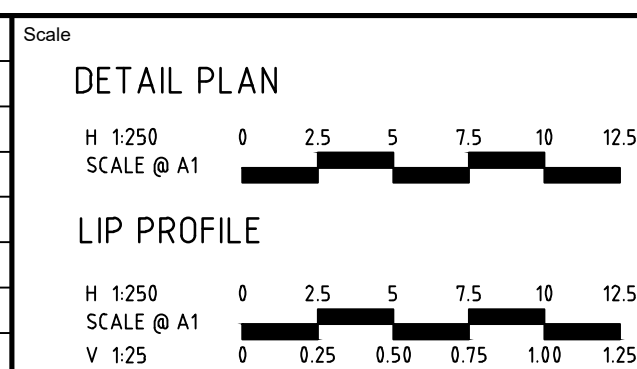


KARB J



KARB D

0	ISSUED FOR CONSTRUCTION	SM	04/05/21
A	ISSUED FOR APPROVAL	SM	05/11/20
Rev	Amendments	Approved	Date



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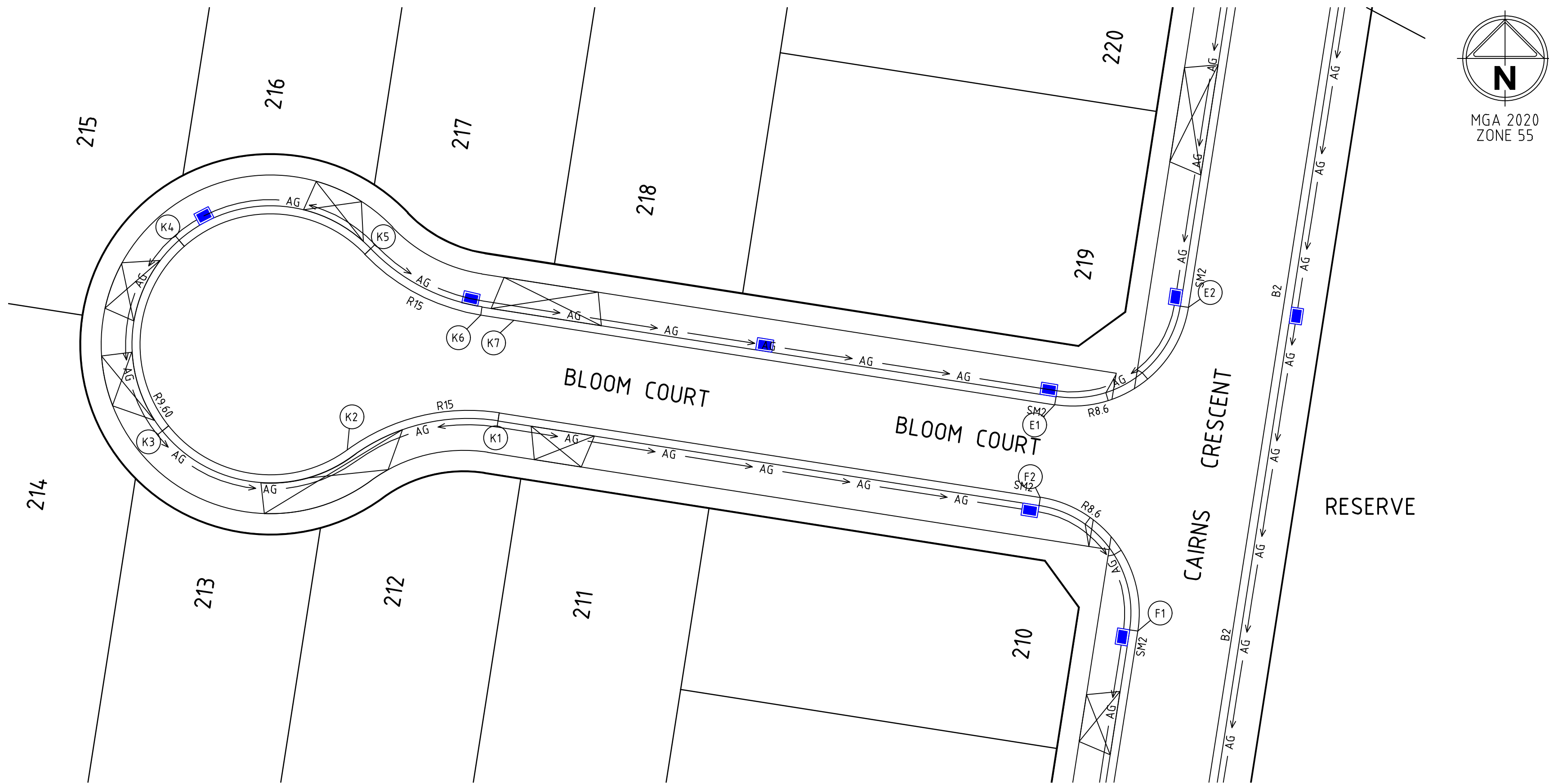
Designed	J.SIM
Authorised	S.MURPHY

Checked
B. MUGRIDGE
Date
17-08-20

OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
INTERSECTION DETAILS - SHEET 1
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

CONSTRUCTION	Drg No 307019CR500	Rev 0
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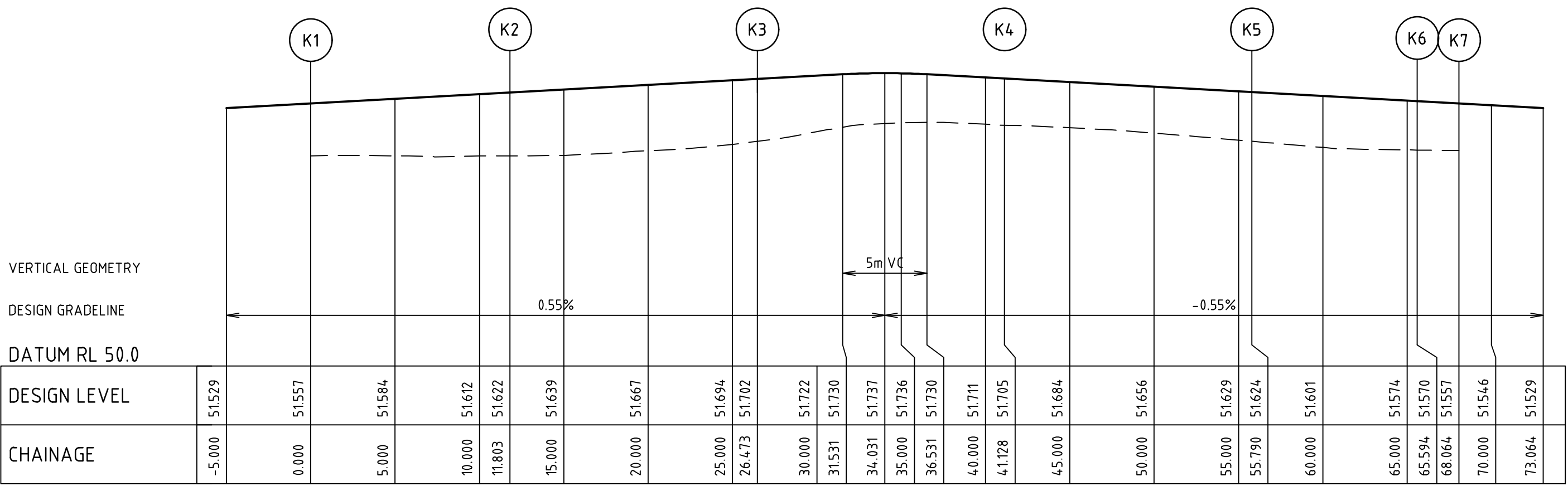
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file location: R:\307019CR501\307019CR501.dwg, plot date: 04/08/2021 11:11 AM, Sheet 10 of 21 Sheets



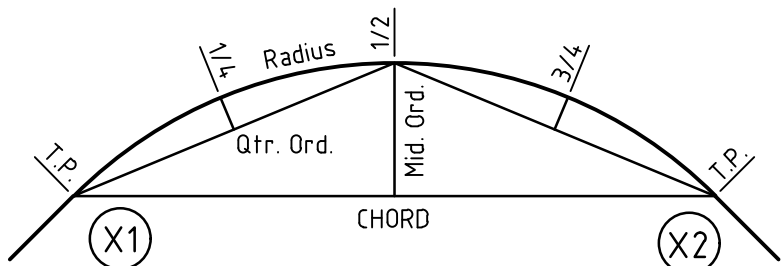
BLOOM COURT AND CAIRNS CRESCENT
KERB RETURN E, F & K

ALIGNMENT K			
POINT NO	EASTING	NORTHING	RL
K1	361614.788	5787400.382	51.557
1/4	361611.847	5787400.549	51.573
1/2	361608.930	5787400.139	51.589
3/4	361606.149	5787399.166	51.606
K2	361603.612	5787397.668	51.622
1/4	361600.317	5787396.114	51.642
1/2	361596.680	5787395.899	51.662
3/4	361593.225	5787397.055	51.682
K3	361590.449	5787399.415	51.702
1/4	361588.753	5787402.640	51.723
1/2	361588.381	5787406.264	51.737
3/4	361589.386	5787409.766	51.725
K4	361591.623	5787412.642	51.705
1/4	361594.771	5787414.476	51.685
1/2	361598.376	5787415.006	51.665
3/4	361601.918	5787414.154	51.644
K5	361604.888	5787412.043	51.624
1/4	361606.717	5787410.416	51.611
1/2	361608.787	5787409.108	51.597
3/4	361611.041	5787408.154	51.584
K6	361613.421	5787407.580	51.570
K7	361615.861	5787407.198	51.557

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
K1-K2	15.001	11.803	11.501	1.146	-0.289
K2-K3	9.600	14.662	13.278	2.666	0.691
K3-K4	9.600	14.662	13.278	2.666	0.691
K4-K5	9.600	14.662	13.278	2.666	0.691
K5-K6	15.001	9.803	9.630	0.794	-0.200



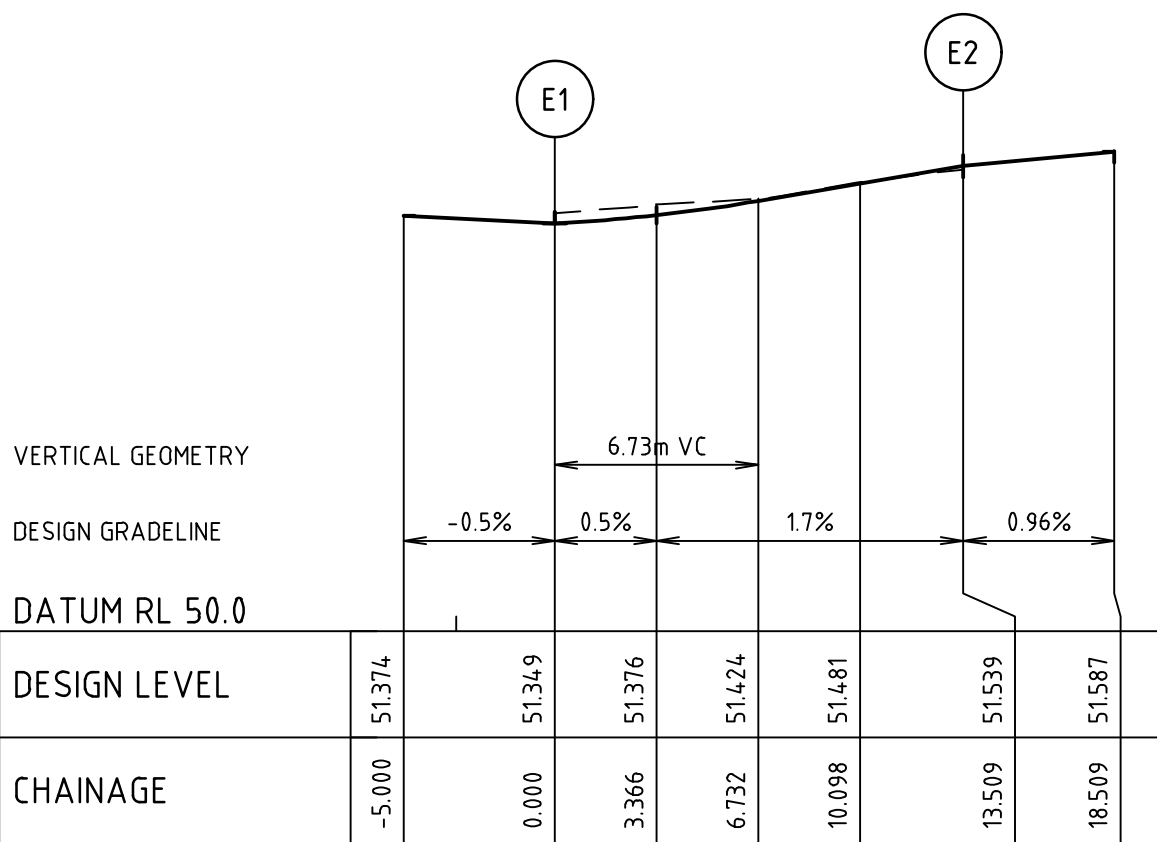
KERB K



KERB RETURN SETOUT DETAIL

ALIGNMENT E			
POINT NO	EASTING	NORTHING	RL
E1	361655.635	5787400.975	51.349
1/4	361658.988	5787401.114	51.376
1/2	361662.033	5787402.524	51.424
3/4	361664.306	5787404.992	51.482
E2	361665.461	5787408.143	51.539

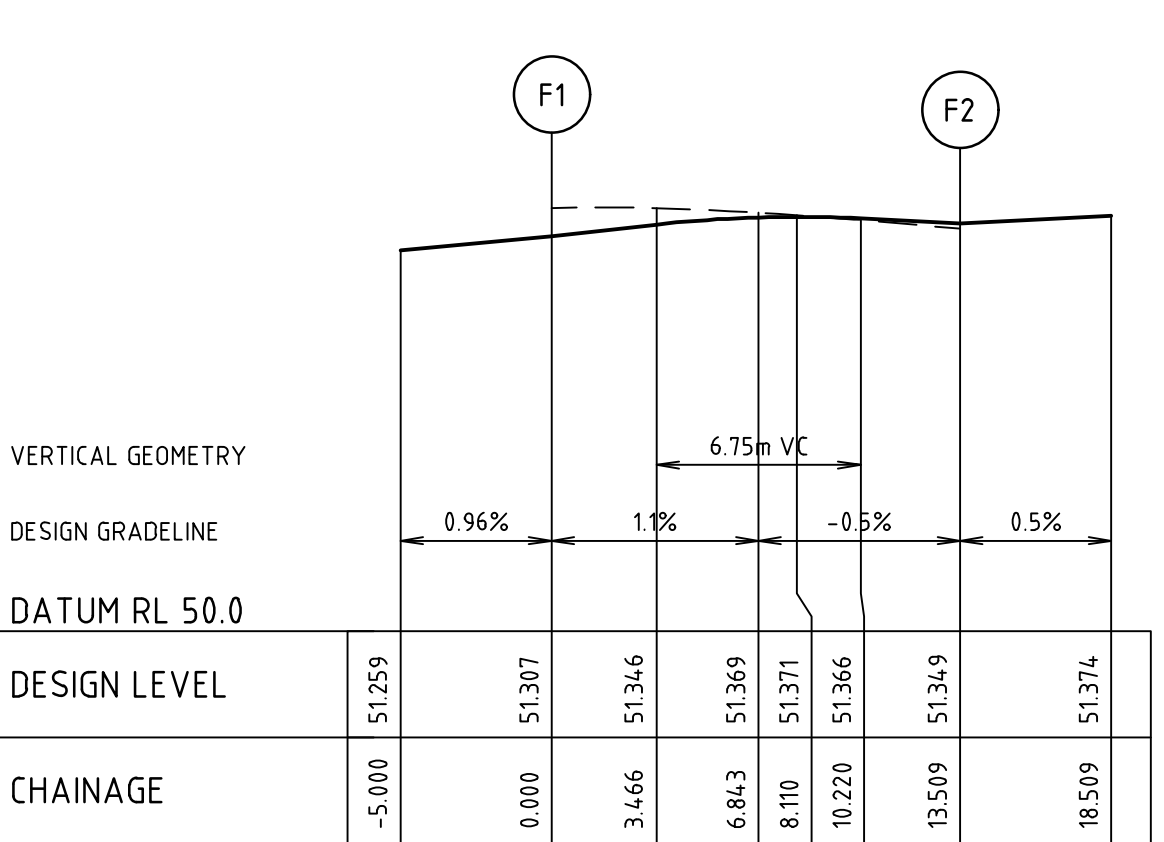
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
E1-E2	8.600	13.509	12.162	2.519	-0.655



KERB E

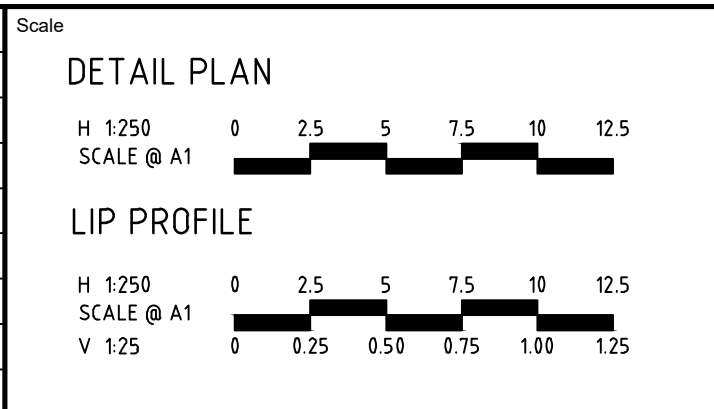
ALIGNMENT F			
POINT NO	EASTING	NORTHING	RL
F1	361661.736	5787384.332	51.307
1/4	361661.598	5787387.685	51.345
1/2	361660.188	5787390.730	51.369
3/4	361657.719	5787393.003	51.366
F2	361654.569	5787394.158	51.349

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



KERB F

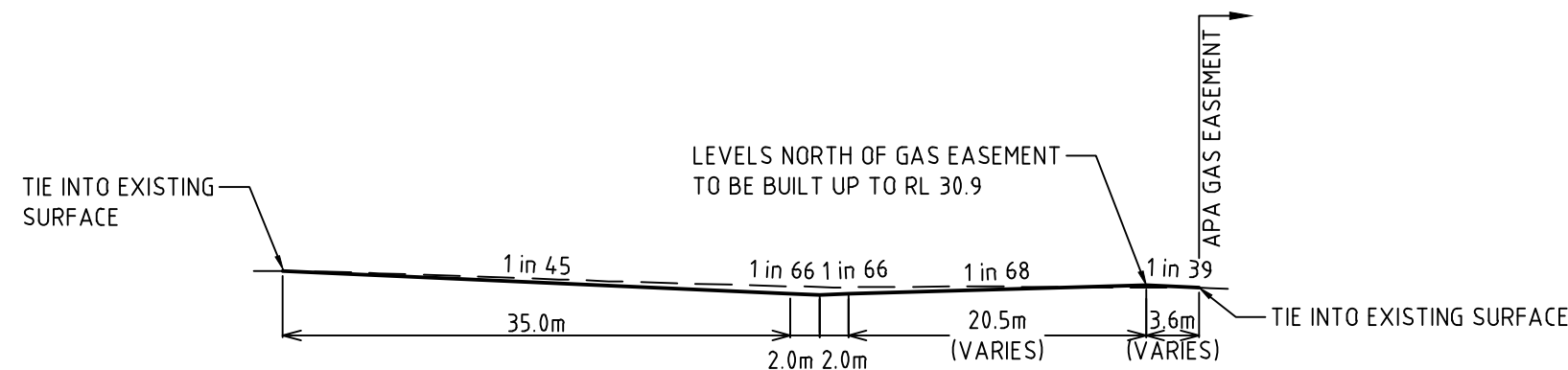
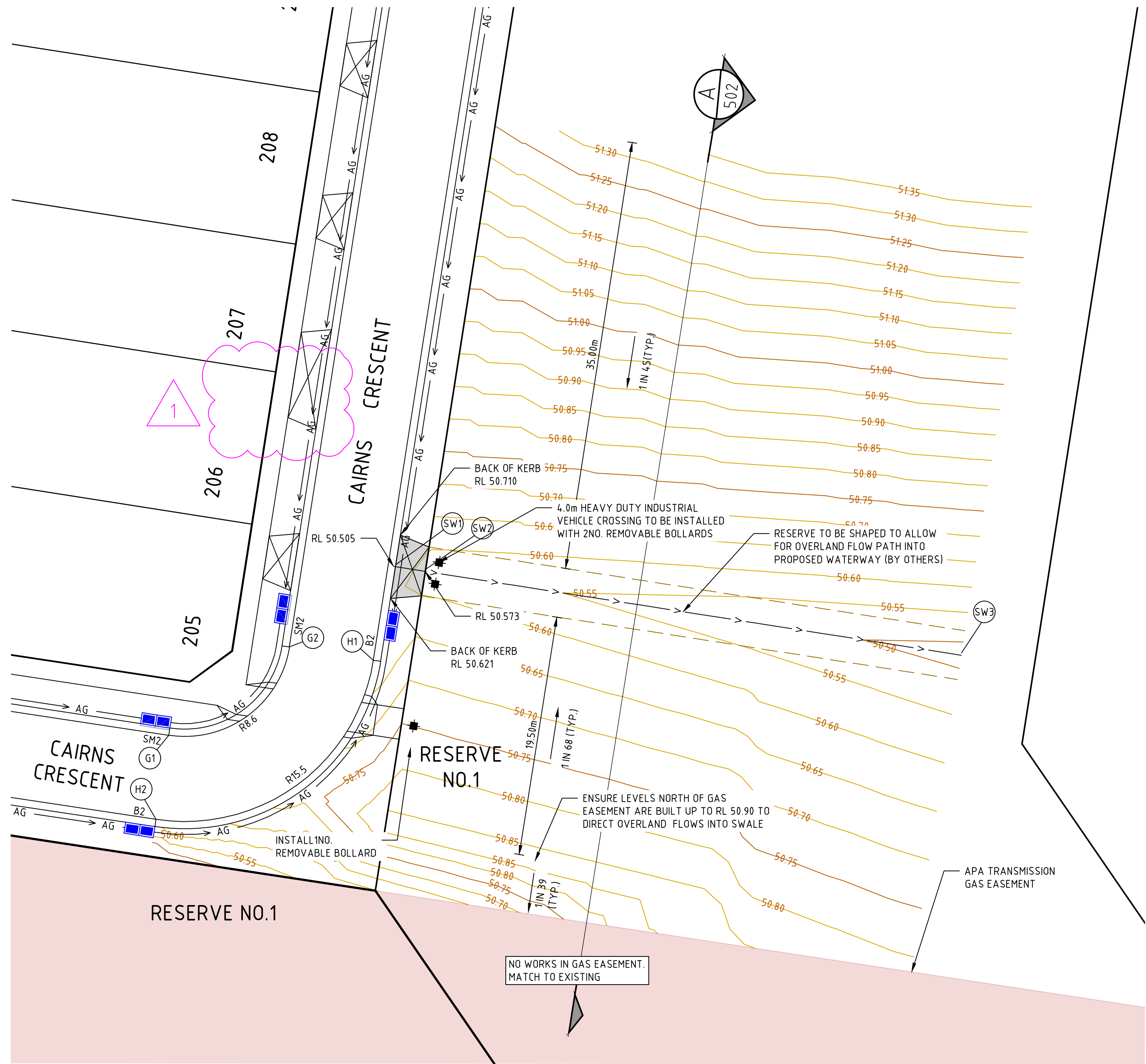
Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	04/05/21
A	ISSUED FOR APPROVAL	SM	05/11/20



YourLand Developments	
Designed J.SIM	Checked B. MUGRIDGE
Authorised S.MURPHY	Date 17-08-20

OFFICER FIELDS STAGE 2 ROAD AND DRAINAGE INTERSECTION DETAILS - SHEET 2 CARDINIA SHIRE COUNCIL YOURLAND PTY LTD	
CONSTRUCTION	307019CR501
Rev	0

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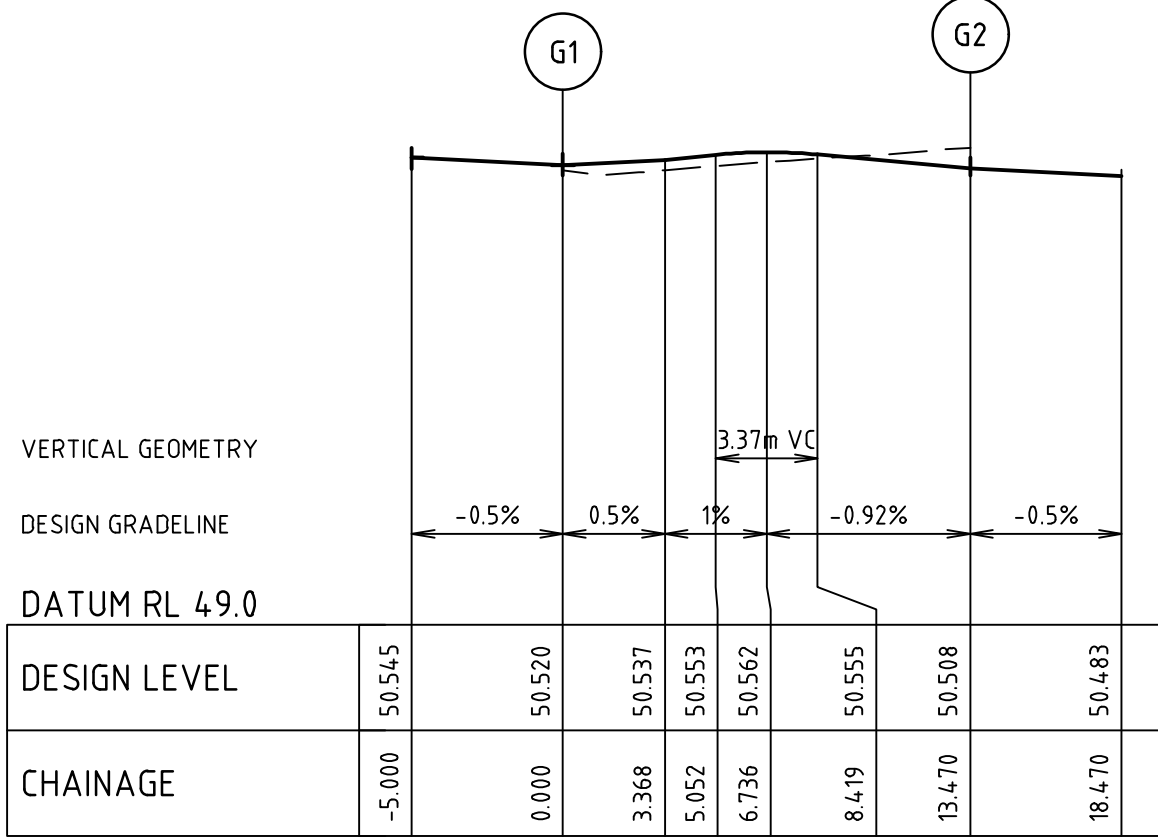
TYPICAL SECTION A
N.T.S.



ALIGNMENT G

POINT NO	EASTING	NORTHING	RL
G1	361641.618	5787311.124	50.520
1/4	361644.960	5787311.275	50.537
1/2	361647.992	5787312.690	50.562
3/4	361650.255	5787315.156	50.539
G2	361651.405	5787318.298	50.508

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
G1-G2	8.600	13.470	12.135	2.505	-0.651

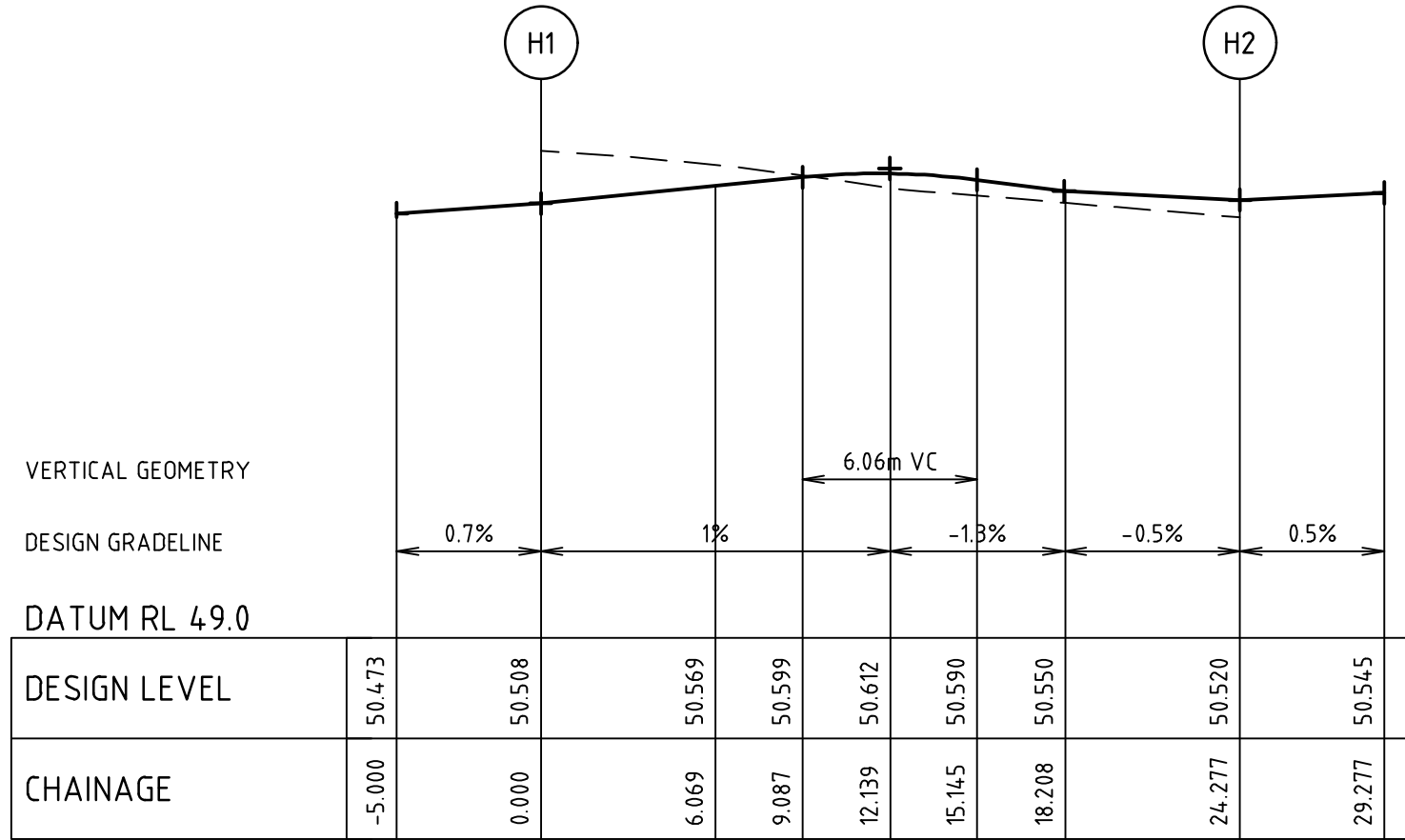


KERB G

ALIGNMENT H

POINT NO	EASTING	NORTHING	RL
H1	361658.222	5787317.231	50.508
1/4	361656.149	5787311.568	50.569
1/2	361652.071	5787307.125	50.612
3/4	361646.607	5787304.574	50.550
H2	361640.582	5787304.302	50.520

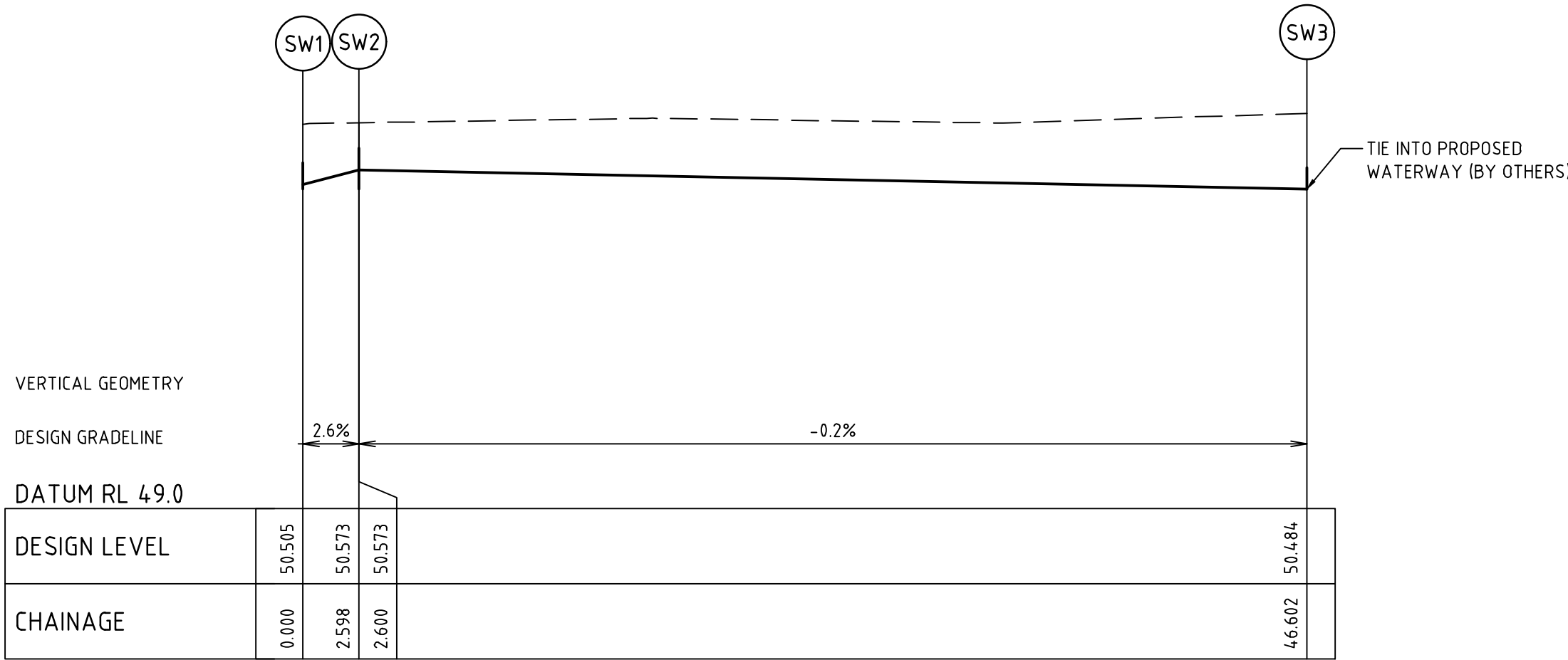
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
H1-H2	15.500	24.277	21.871	4.515	1.173



KERB H

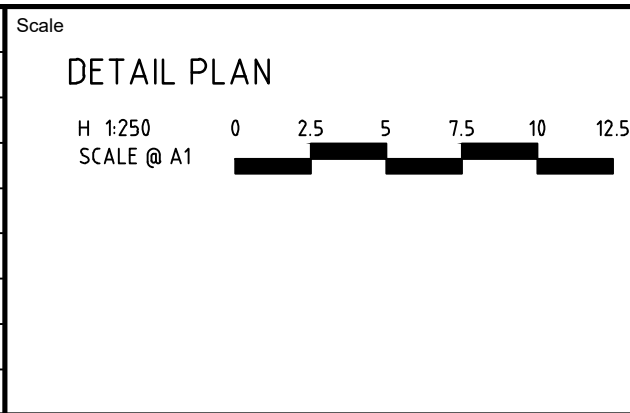
SWALE (PARKLANDS CR)

POINT NO	EASTING	NORTHING	RL
SW1	361659.866	5787325.834	50.505
SW2	361662.433	5787324.433	50.573
SW3	361705.909	5787317.637	50.484



SWALE (PARKLANDS CR)

Rev	Amendments	Approved	Date
1	DW SHIFT LOT 206	S.M	04/08/21
0	ISSUED FOR CONSTRUCTION	SM	04/05/21
D	REMOVAL OF 1NO. BOLLARD	SM	19/04/21
C	UPDATED TO SHOW BOLLARDS	SM	08/04/21
B	UPDATED TO SHOW BOLLARDS	SM	26/02/21
A	ISSUED FOR APPROVAL	SM	05/11/20



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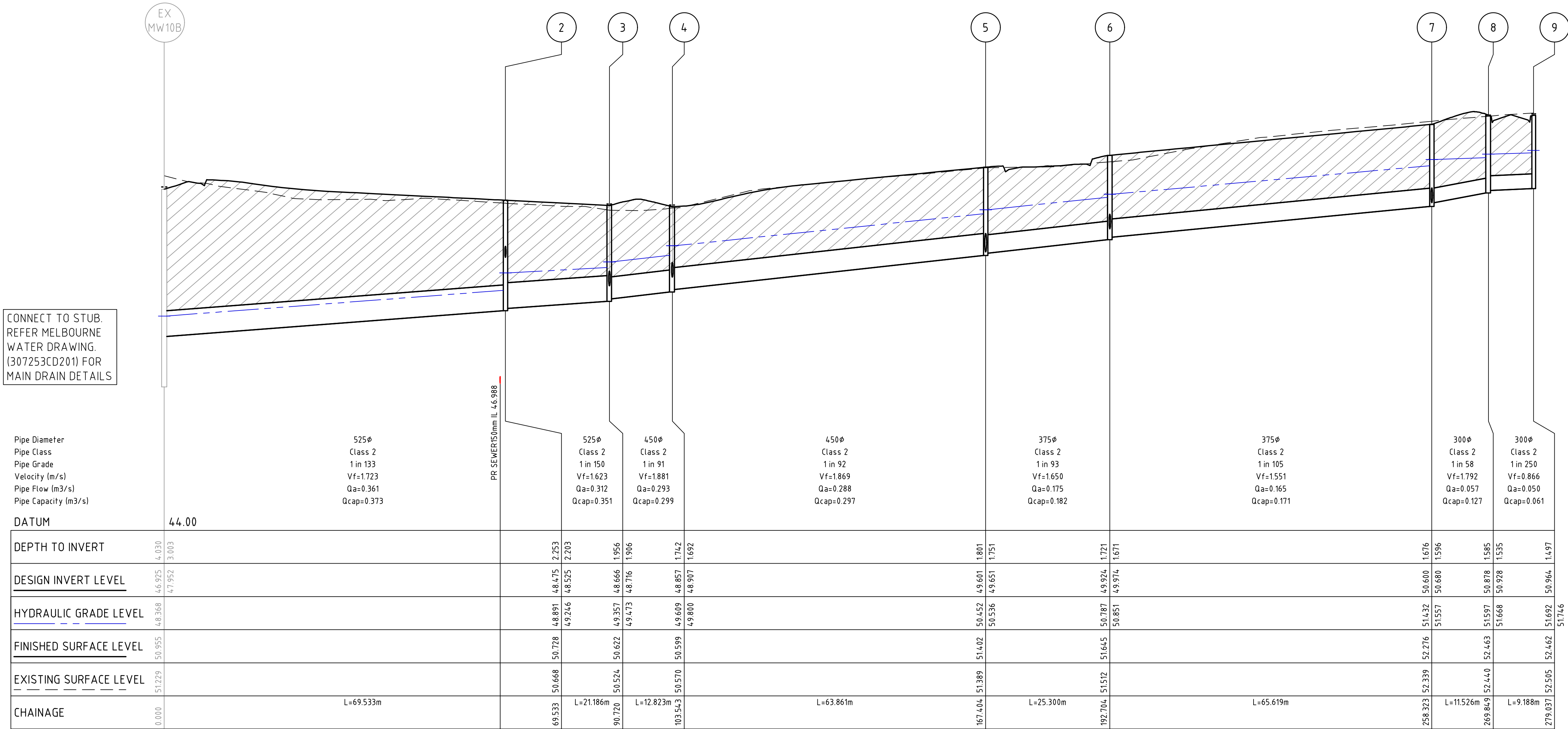


Designed
J.SIM
Authorised
S.MURPHY
Checked
B. MUGRIDGE
Date
31-08-20

OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
INTERSECTION & SWALE DETAILS - SHEET 3
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

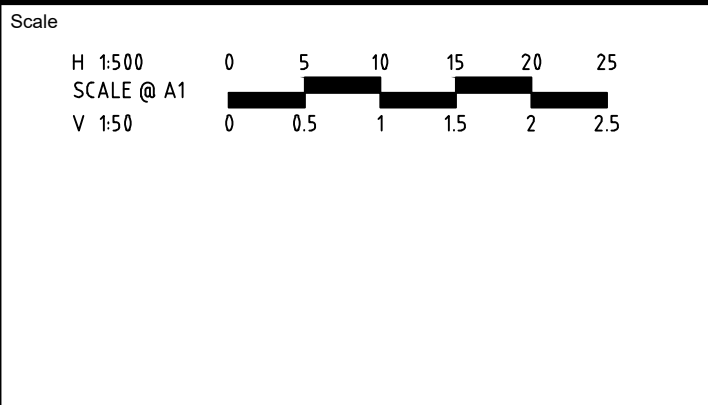
CONSTRUCTION 307019CR502 1

CRUSHED ROCK BACKFILL



file name: 307019CR600.dwg, layout name: CR600, plotted by: Brad Harvey, file location: P:\307019CR600\307019CR600.dwg, plot date: 16/08/2021 11:12 AM, Sheet 12 of 21 Sheets

0	ISSUED FOR CONSTRUCTION	SM	04/05/21
B	CHANGE IN OUTLET PIPE ALIGNMENT	SM	29/04/21
A	ISSUED FOR APPROVAL	SM	05/11/20
Rev	Amendments	Approved	Date





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Designed J.SIM	Checked B. MUGRIDGE
Authorised S.MURPHY	Date 17-08-20

**OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 1**
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

CONSTRUCTION Drg No 307019CR600 Rev 0



Pipe Diameter
Pipe Class
Pipe Grade
Velocity (m/s)
Pipe Flow (m3/s)
Pipe Capacity (m3/s)

300Ø
Class 2
1 in 182
Vf=1.014
Qa=0.037
Qcap=0.072

DATUM	46.00	
DEPTH TO INVERT	14.97 14.47	14.46
DESIGN INVERT LEVEL	50.964 51.014	51.426
HYDRAULIC GRADE LEVEL	51.692 51.746	51.857
FINISHED SURFACE LEVEL	52.462 52.505	52.872
EXISTING SURFACE LEVEL		52.751
CHAINAGE	279.037	354.025

L=74.988m

44.00		
0.000	50.668 48.881 49.246 49.681	50.728 48.475 49.565 50.426
39.036	50.949 51.470	50.442 50.286 50.426 50.384
84.236	50.891 51.553	50.906 50.727 50.972

L=39.036m
L=45.200m

45.00					
0.000	51.389 51.402	50.452 49.601 50.536	49.616 49.714 49.752	1.801 1.738 1.700	1.726
11.526	51.325 51.452	50.568 50.622	49.714 49.752	1.738 1.700	1.738
20.526	51.396 51.459	50.650 50.799	49.822 49.872	1.637 1.587	1.637
41.676	51.346 51.558	50.907 51.029	49.982 50.032	1.576 1.526	1.576
63.876	51.287 51.676	51.064 51.071	50.143 50.193	1.533 1.483	1.533
84.124	51.430 51.792	51.081 51.081	50.294 50.294	1.498 1.498	1.498

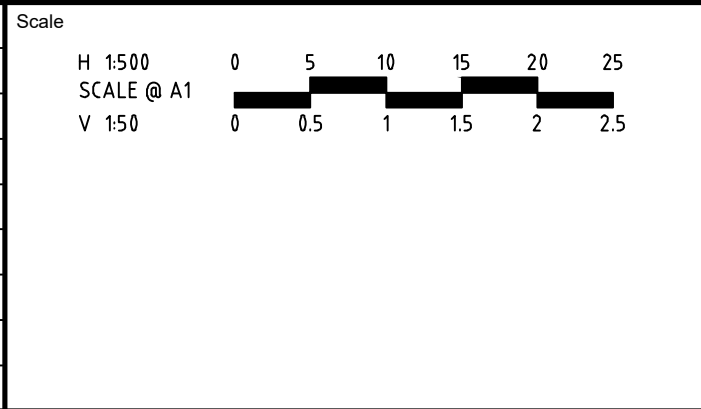
L=11.526m
L=9.000m
L=21.150m
L=22.200m
L=20.248m

	45.00			
0.000	51.346	51.558	50.907	49.982
			51.029	50.443
				1.115
				1.134
				51.145
				51.298
				52.280
				52.060
41.419				52.060
	L=41.419m			

L=41.419m

file name: 307019CR601.dwg, layout name: CR601, plotted by: Brad Haynes, file location: R:\307019CR601\307019CR601.dwg, plot date: 04/08/2021 11:12 AM, Sheet 13 of 21 Sheets

Rev	Amendments	Approved	Date
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A	ISSUED FOR APPROVAL	SM	05/11/20



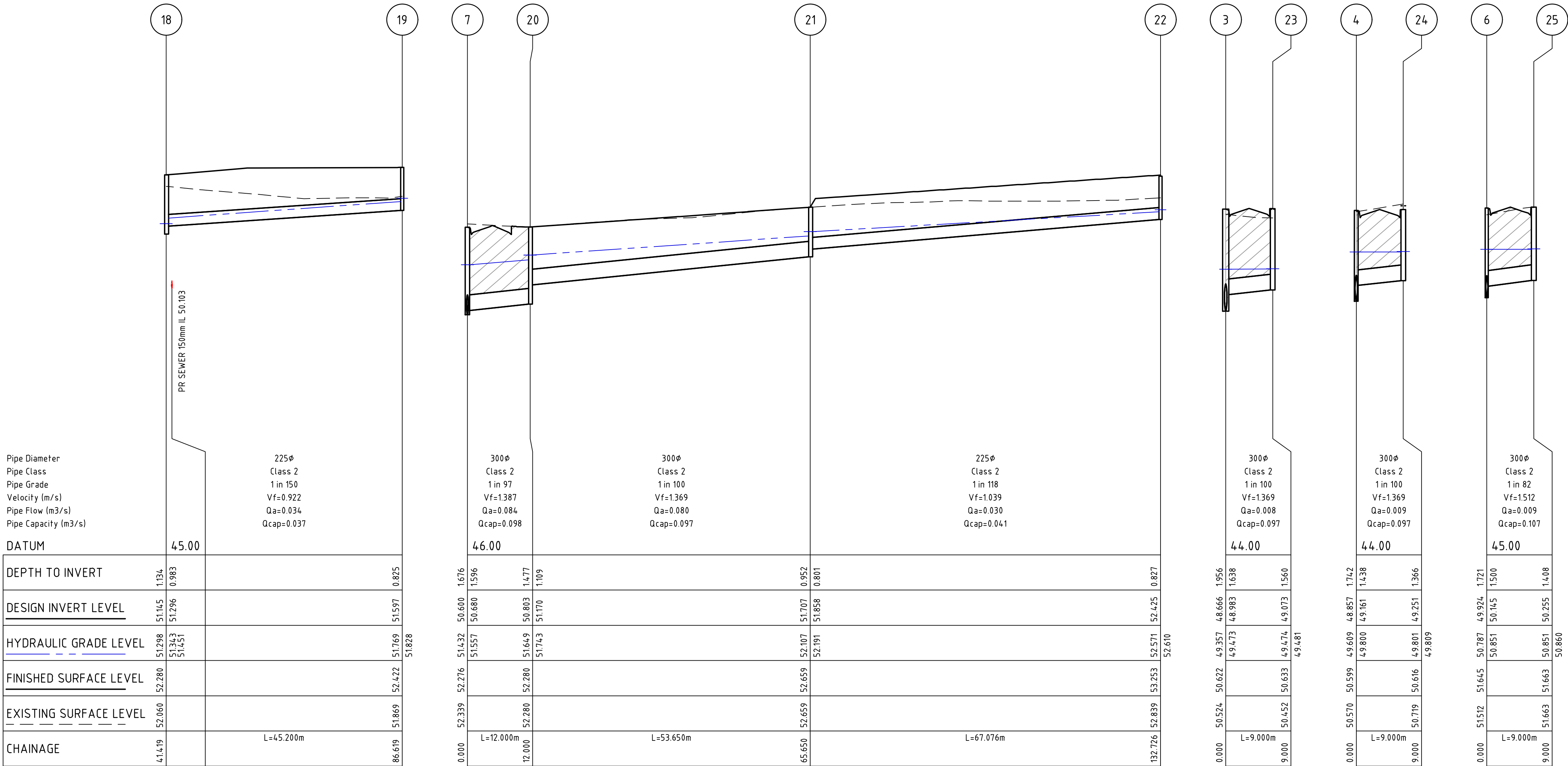
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VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635



Designed
J.SIM
Authorised
S.MURPHY
Checked
B. MUGRIDGE
Date
17-08-20

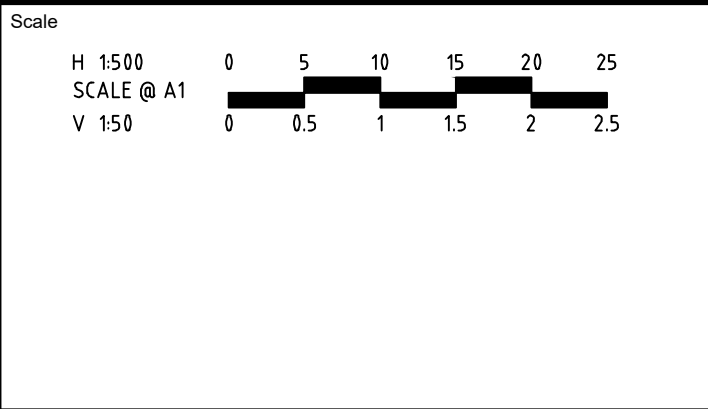
OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 2
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

CONSTRUCTION Drg No 307019CR601 Rev 0



file name: 307019CR602.dwg, layout: CR602, plotted by: Brad Haynes, file location: R:\307019\307019.dwg, plot date: 16/08/2021 11:12 AM, sheet 14 of 21 sheets

Rev	Amendments	Approved	Date
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A	ISSUED FOR APPROVAL	SM	05/11/20



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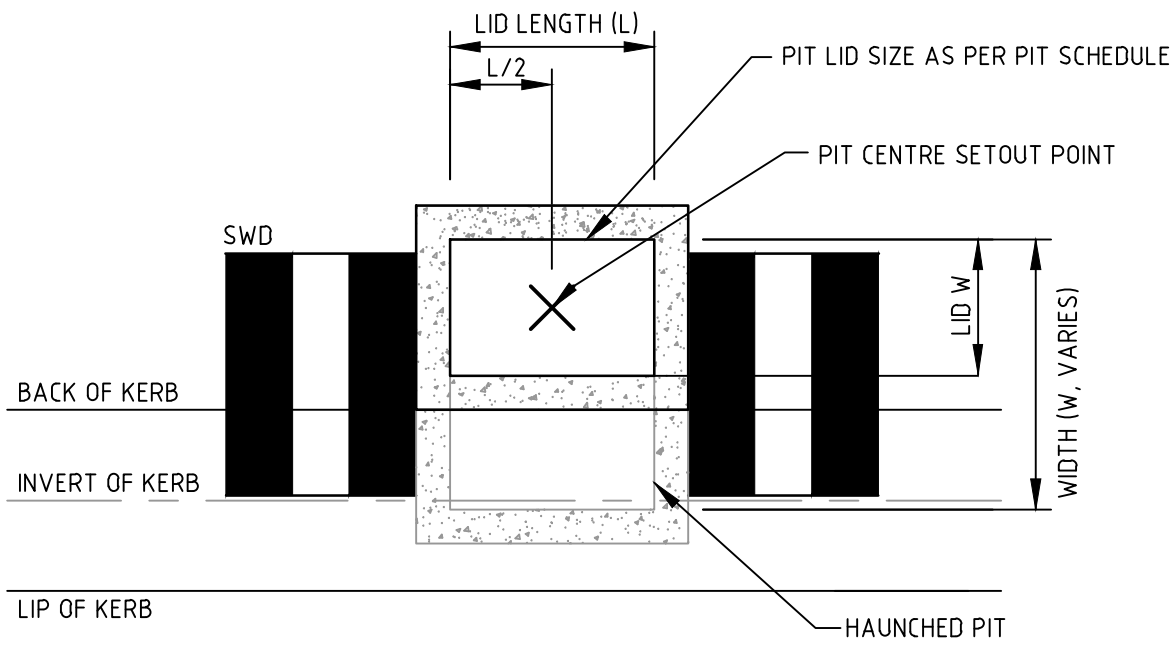
YourLand Developments
Designed: J.SIM
Authorised: S.MURPHY
Checked: B. MUGRIDGE
Date: 17-08-20

OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 3
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD
CONSTRUCTION Drg No: 307019CR602 Rev: 0

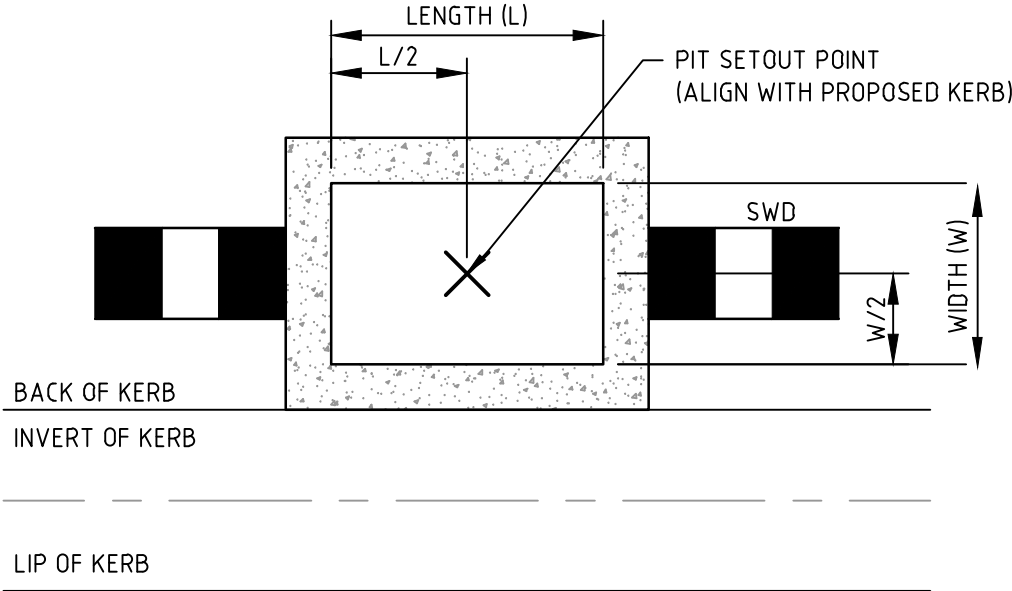
DRAINAGE PIT SCHEDULE

PIT		INTERNAL		INLET		OUTLET		PIT		REMARKS
NAME	TYPE	WIDTH	LENGTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
EX-MW10B	GRATED ENTRY PIT	1200	900	525	4.7.951			50.956	4.031	CONNECT INTO EXISTING MWC STUB
2	GRATED SIDE ENTRY PIT	750	900	525	4.8.525	525	4.8.475	50.728	2.253	PROVIDE HAUNCHED PIT UNDER KERB REFER STANDARD DRAWINGS EDCM 603, EDCM 607
3	DOUBLE SIDE ENTRY PIT	750	900	450	4.8.716	525	4.8.666	50.622	1.956	PROVIDE HAUNCHED PIT UNDER KERB REFER STANDARD DRAWINGS EDCM 604, EDCM 607
4	DOUBLE SIDE ENTRY PIT	750	900	450	4.8.907	450	4.8.857	50.599	1.742	PROVIDE HAUNCHED PIT UNDER KERB REFER STANDARD DRAWINGS EDCM 604, EDCM 607
5	GRATED SIDE ENTRY PIT	600	900	375	4.9.651	450	4.9.601	51.402	1.801	REFER STANDARD DRAWING EDCM 603
6	GRATED SIDE ENTRY PIT	600	900	375	4.9.974	375	4.9.924	51.645	1.721	REFER STANDARD DRAWING EDCM 603
7	GRATED SIDE ENTRY PIT	600	900	300	50.680	375	50.600	52.276	1.676	REFER STANDARD DRAWING EDCM 603
8	GRATED SIDE ENTRY PIT	600	900	300	50.928	300	50.878	52.463	1.585	REFER STANDARD DRAWING EDCM 603
9	GRATED SIDE ENTRY PIT	600	900	300	51.014	300	50.964	52.462	1.497	REFER STANDARD DRAWING EDCM 601
10	GRATED SIDE ENTRY PIT	600	900			300	51.426	52.872	1.446	REFER STANDARD DRAWING EDCM 603
11	JUNCTION PIT	600	900	225	50.426	225	50.286	51.470	1.184	REFER STANDARD DRAWING EDCM 605
12	JUNCTION PIT	600	600			225	50.727	51.553	0.826	REFER STANDARD DRAWING EDCM 605
13	GRATED SIDE ENTRY PIT	600	900	300	4.9.752	375	4.9.714	51.452	1.738	REFER STANDARD DRAWING EDCM 603
14	GRATED SIDE ENTRY PIT	600	900	300	4.9.872	300	4.9.822	51.459	1.637	REFER STANDARD DRAWING EDCM 603
15	JUNCTION PIT	600	900	300	50.032	300	4.9.982	51.558	1.576	REFER STANDARD DRAWING EDCM 605
16	JUNCTION PIT	600	900	300	50.443					
17	GRATED SIDE ENTRY PIT	600	900			300	50.143	51.676	1.533	REFER STANDARD DRAWING EDCM 605
18	GRATED SIDE ENTRY PIT	600	900			300	50.294	51.792	1.498	REFER STANDARD DRAWING EDCM 603
19	JUNCTION PIT	600	900	225	51.296	225	51.145	52.280	1.134	REFER STANDARD DRAWING EDCM 605
20	JUNCTION PIT	600	600			225	51.597	52.422	0.825	REFER STANDARD DRAWING EDCM 605
21	JUNCTION PIT	600	900	300	51.170	300	50.803	52.280	1.477	REFER STANDARD DRAWING EDCM 605
22	JUNCTION PIT	600	900	225	51.858	300	51.707	52.659	0.952	REFER STANDARD DRAWING EDCM 605
23	DOUBLE SIDE ENTRY PIT	600	900			225	52.425	53.253	0.827	REFER STANDARD DRAWING EDCM 605
24	DOUBLE SIDE ENTRY PIT	600	900			300	4.9.073	50.633	1.560	REFER STANDARD DRAWING EDCM 602
25	DOUBLE SIDE ENTRY PIT	600	900			300	4.9.251	50.616	1.366	REFER STANDARD DRAWING EDCM 602
	GRATED SIDE ENTRY PIT	600	900			300	50.255	51.663	1.408	REFER STANDARD DRAWING EDCM 601

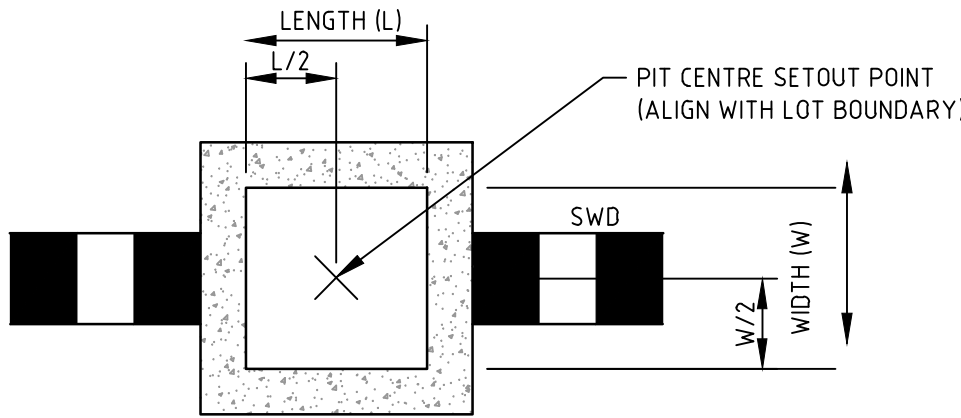
- NOTE:
- PIPE CENTRELINE TO CENTRE OF PIT AS GIVEN BY COORDINATES
 - xy SETOUT TO SETOUT STRING
 - SETOUT LEVEL TO PIT COVER LEVEL



TYPICAL DRAINAGE PIT SETOUT POINT 'A'
SIDE ENTRY PIT (HAUNCHED)
NOT TO SCALE



TYPICAL DRAINAGE PIT SETOUT POINT 'B'
SIDE ENTRY PIT
NOT TO SCALE



TYPICAL DRAINAGE PIT SETOUT POINT 'C'
JUNCTION PIT / EASEMENT PIT
NOT TO SCALE

PIT SETOUT CO-ORDINATES

NAME	POINT	EASTING	NORTHING
2	A	361620.238	5787315.432
3	A	361641.184	5787312.252
4	A	361650.735	5787320.808
5	B	361660.606	5787383.902
6	B	361664.517	5787408.898
7	B	361674.659	5787473.729
8	B	361667.867	5787483.041
9	B	361667.430	5787492.218
10	B	361593.344	5787503.809
11	C	361626.272	5787354.000
12	C	361581.615	5787360.986
13	B	361653.814	5787393.214
14	B	361655.205	5787402.106
15	C	361634.309	5787405.375
16	C	361612.376	5787408.806
17	B	361593.060	5787414.880
18	C	361640.711	5787446.296
19	C	361596.054	5787453.283
20	C	361686.515	5787471.874
21	C	361694.807	5787524.879
22	C	361628.538	5787535.247
23	B	361639.831	5787303.354
24	B	361659.627	5787319.417
25	B	361673.408	5787407.507

file name: 307019CR603.dwg, layout name: CR603, plotted by: Brad Harvey, file location: P:\307019\307019.dwg, plot date: 16/08/2021 11:12 AM, Sheet 15 of 21 Sheets

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	04/05/21
C	CHANGE IN OUTLET PIPE ALIGNMENT	SM	29/04/21
B	ADDITION OF EDCM STANDARD DRAWING REFERENCES	SM	19/04/21
A	ISSUED FOR APPROVAL	SM	05/11/20

Scale	AS SHOWN
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Designed J.SIM	Checked B. MUGRIDGE
Authorised S.MURPHY	Date 17-08-20

OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
DRAINAGE PIT SCHEDULE - SHEET 4
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

CONSTRUCTION Drg No 307019CR603 Rev 0

DESIGN PAVEMENT PROFILE

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		TYPE A*
WEARING COURSE ASPHALT	SIZE 10mm TYPE N 320 BINDER	30
BASE COURSE ASPHALT	SIZE 10mm TYPE N 320 BINDER	30
BITUMINOUS PRIME	NOMINAL	Y
BASE	20mm Nominal SIZE, CLASS 2 CRUSHED ROCK	130
SUBBASE	20mm SIZE CLASS 3 OR 20mm 3 CRUSHED CONCRETE. (MORE THAN ONE LAYER MAYBE REQUIRED).	230
TOTAL PAVEMENT DEPTH		420

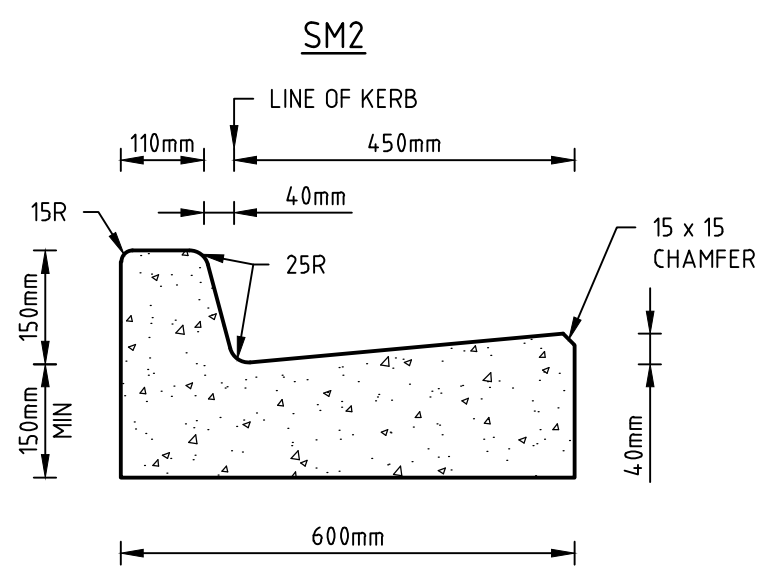
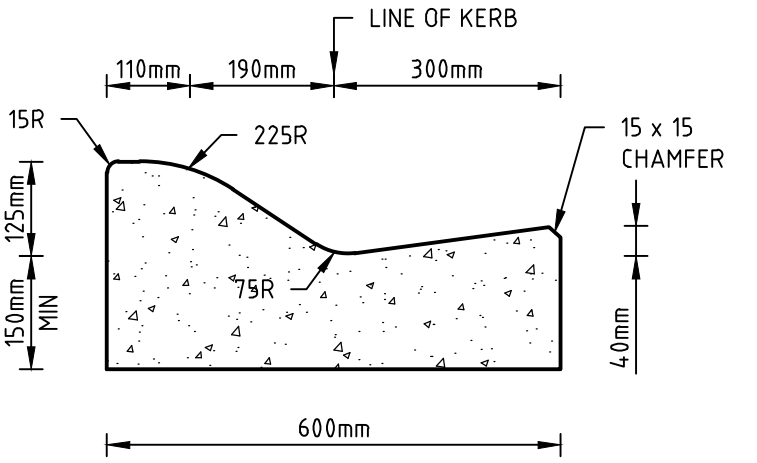
SUBGRADE IMPROVEMENT: 150mm CLASS 3 CRUSHED RECYCLED CONCRETE
TOTAL PAVEMENT THICKNESS OVER SUBGRADE PREPARATION CBR 5%

* REFER PAVEMENT PLAN FOR LOCATION OF PAVEMENT TYPES

ROAD NAME	TYPE
CAIRNS CRESCENT - ACCESS STREET LEVEL 1	A
BLOOM COURT - ACCESS STREET LEVEL 1	A

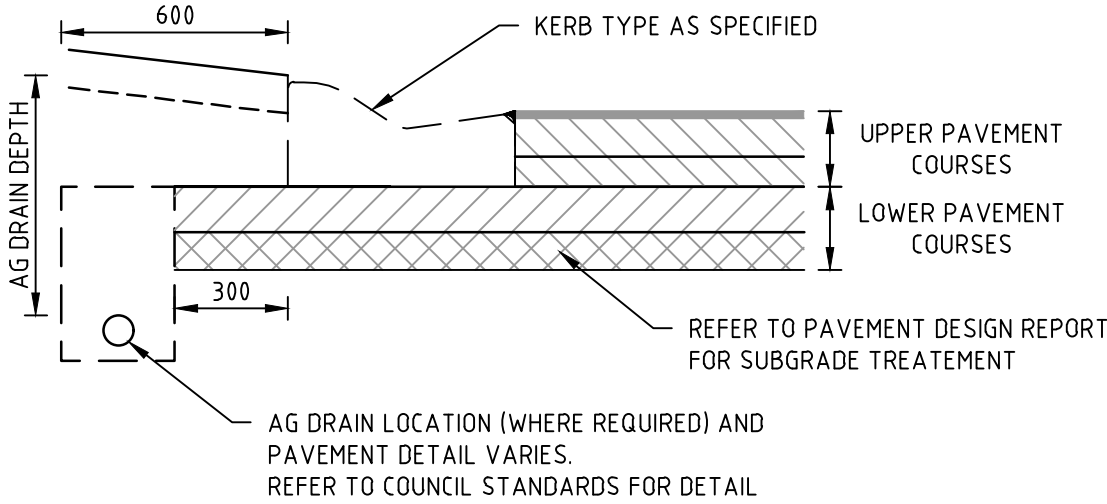
GENERAL NOTES:

- ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND CCAA LITERATURE, OR VIC ROADS STANDARDS FOR NON RESIDENTIAL STREETS.
- ALL CONCRETE TO BE MINIMUM 32MPa COMPRESSIVE STRENGTH
- CONCRETE TO BE THOROUGHLY COMPACTED USING EITHER SURFACE AND/OR IMMERSION VIBRATORS, PARTICULARLY AROUND REINFORCEMENT AND IN CORNERS OF FORMS.
- PRIOR TO CASTING, THE UNBOUND GRANULAR SUBBASE MUST BE DAMP TO ENSURE NO EARLY "DRYING OUT" OF THE CONCRETE.
- CURING OF CONCRETE IS ESSENTIAL - IDEALLY BY MAINTAINING WET HESSIAN OR SEALING WITH PLASTIC SHEETING.
- SAW CUTTING OF CONCRETE SHOULD BE COMMENCED AS SOON AS CONCRETE PERMITS BY EXPERIENCED CONTRACTORS, BUT NO LATER THAN 12 HOURS AFTER POUR.
- ALL DOWELS TO BE GRADE 250R STEEL BARS, 450mm LONG AND PLACED AT 300mm CENTRES. REFER CCAA - "CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS" FOR DOWEL DIAMETERS. DOWELS MUST BE ACCURATELY PLACED TO ENSURE THE JOINT DOES NOT "LOCK". INSERTION OF DOWELS DURING THE PLACING OF CONCRETE IS NOT ACCEPTABLE. DOWELS MUST BE SAWN AND NOT CROPPED.
- ALL JOINTS TO BE APPROPRIATELY SEALED TO RESIST THE INTRUSION OF SAND AND GRAVEL AND TO MINIMISE THE INGRESS OF WATER.

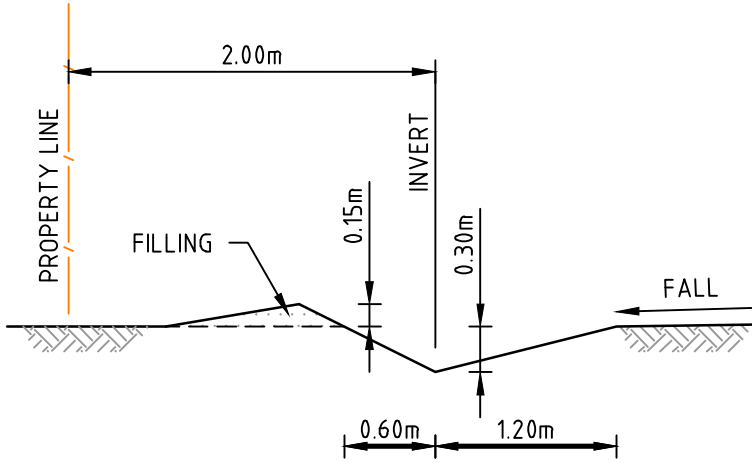


STANDARD KERB PROFILES

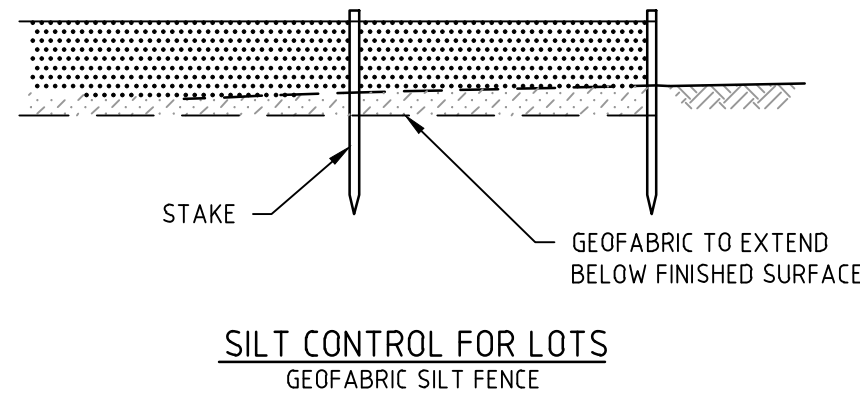
NOTE: ALL KERB & CHANNEL AS PER GAA STD DRAWING EDCM 301



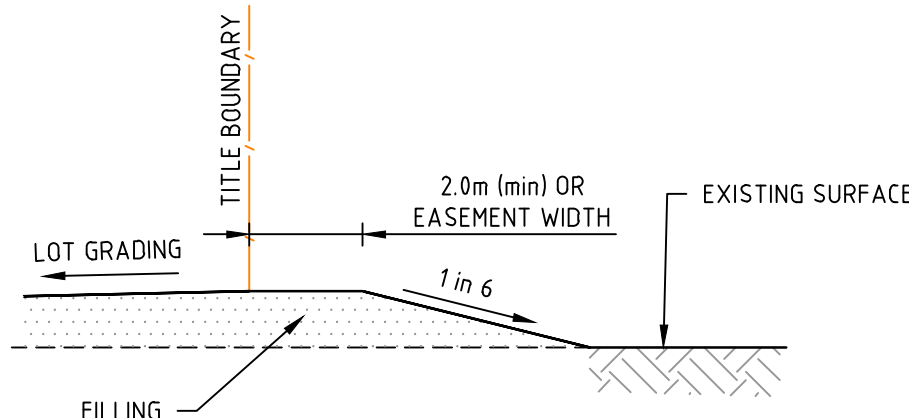
TYPICAL SUBSURFACE DRAIN DETAIL FOR NON-EXPANSIVE SUBGRADE
REFER TO AUTHORITY REQUIREMENTS FOR SPECIFIC DETAILS



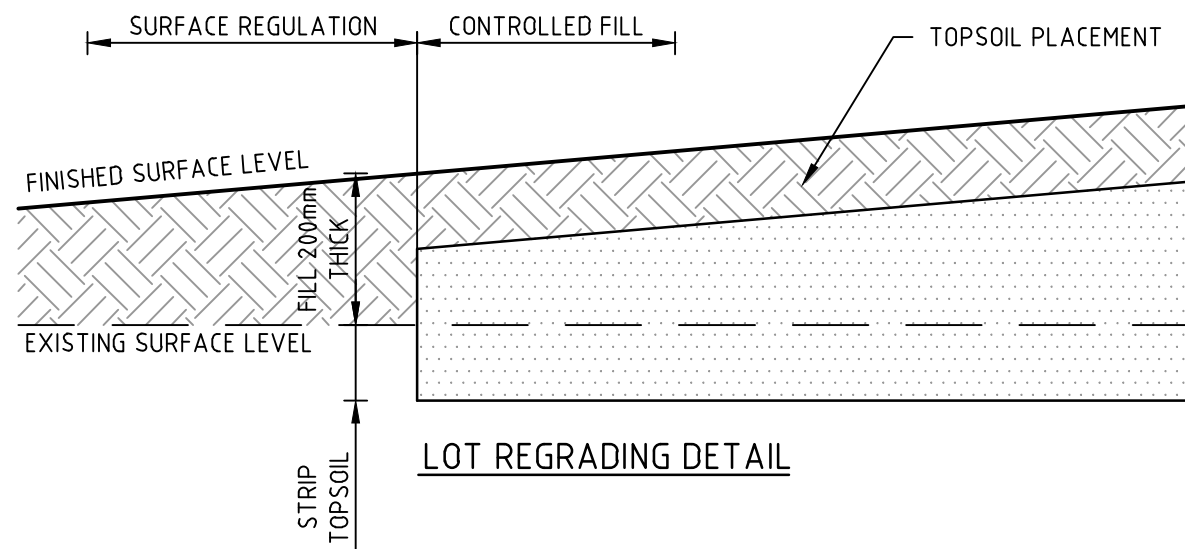
TYPICAL CATCH DRAIN SECTION



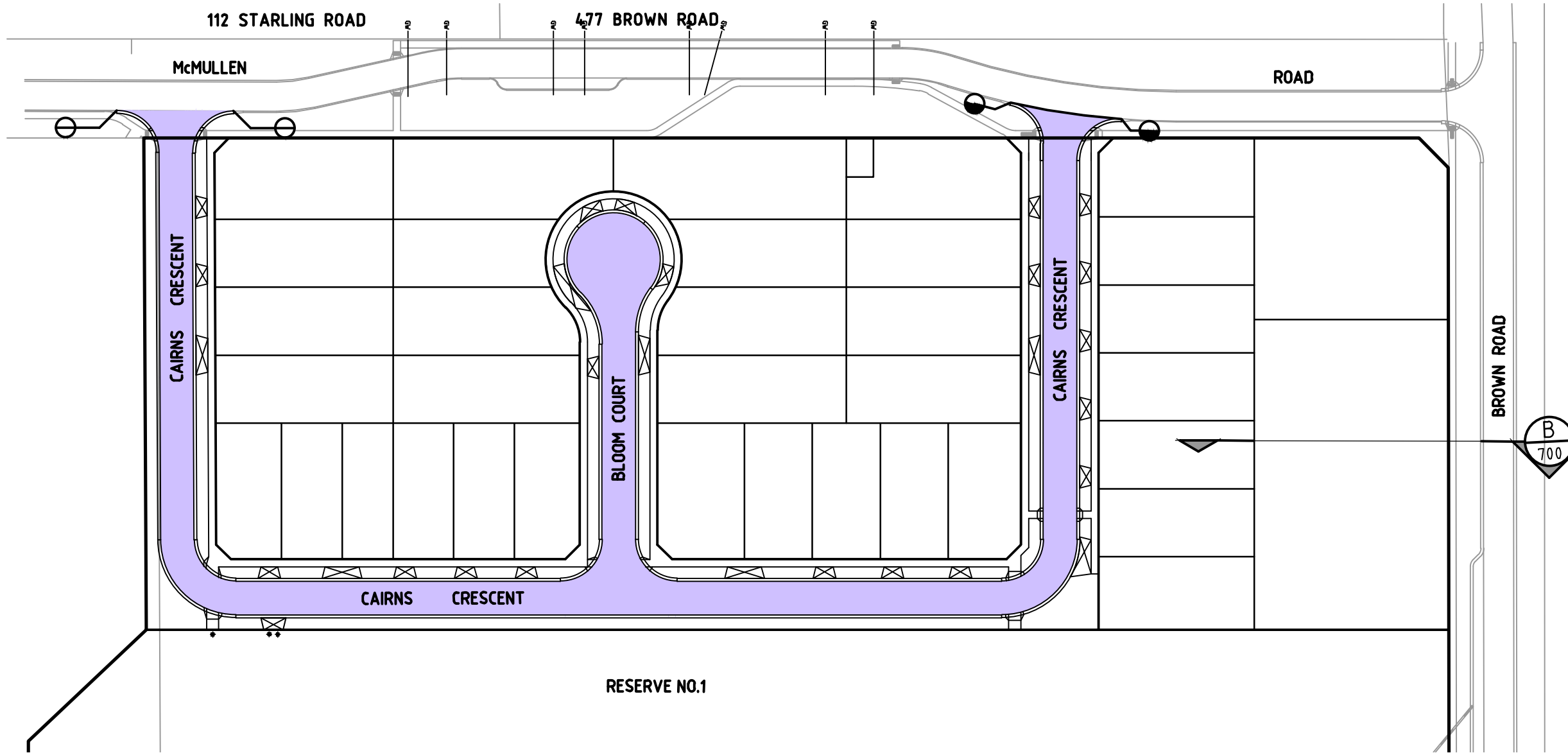
BATTER AT BACK OF LOTS TYPICAL DETAIL



LOT FILLING AT STAGE BOUNDARY



LOT REGRADING DETAIL



PAVEMENT PLAN

H 1:1000
SCALE @ A1
0 10 20 30 40 50

ACCESS STREET LEVEL 1 (TYPE A)

PAVEMENT DETAILS

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

THE DESIGN HAS BEEN EXTRACTED FROM THE 95313 01R 002.REV0 REPORT ON "GEOTECHNICAL INVESTIGATION FOR OFFICER FIELD" 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 DOUGLAS PARTNERS PTY LTD AND COPIED TO SPIIRE.

DATUM R.L.50.0

DESIGN SURFACE LEVEL	53.651	53.547	53.507	53.632	53.356	53.306	53.372	53.672	53.697	53.702	53.704	54.356	53.745	52.885
EXISTING SURFACE LEVEL	53.466	53.360	53.307	53.280	53.356	53.306	53.289	53.213	53.160	53.150	53.148	53.107	52.828	52.773
OFFSET	0.000	3.100	3.400	3.590	5.355	6.554	6.954	8.750	9.998	10.250	10.300	14.300	44.319	50.319

TYPICAL SECTION B

BROWN RD CH 140.00

H 1:100
SCALE @ A1
V 150
0 0.5 1 1.5 2 2.5

AS SHOWN



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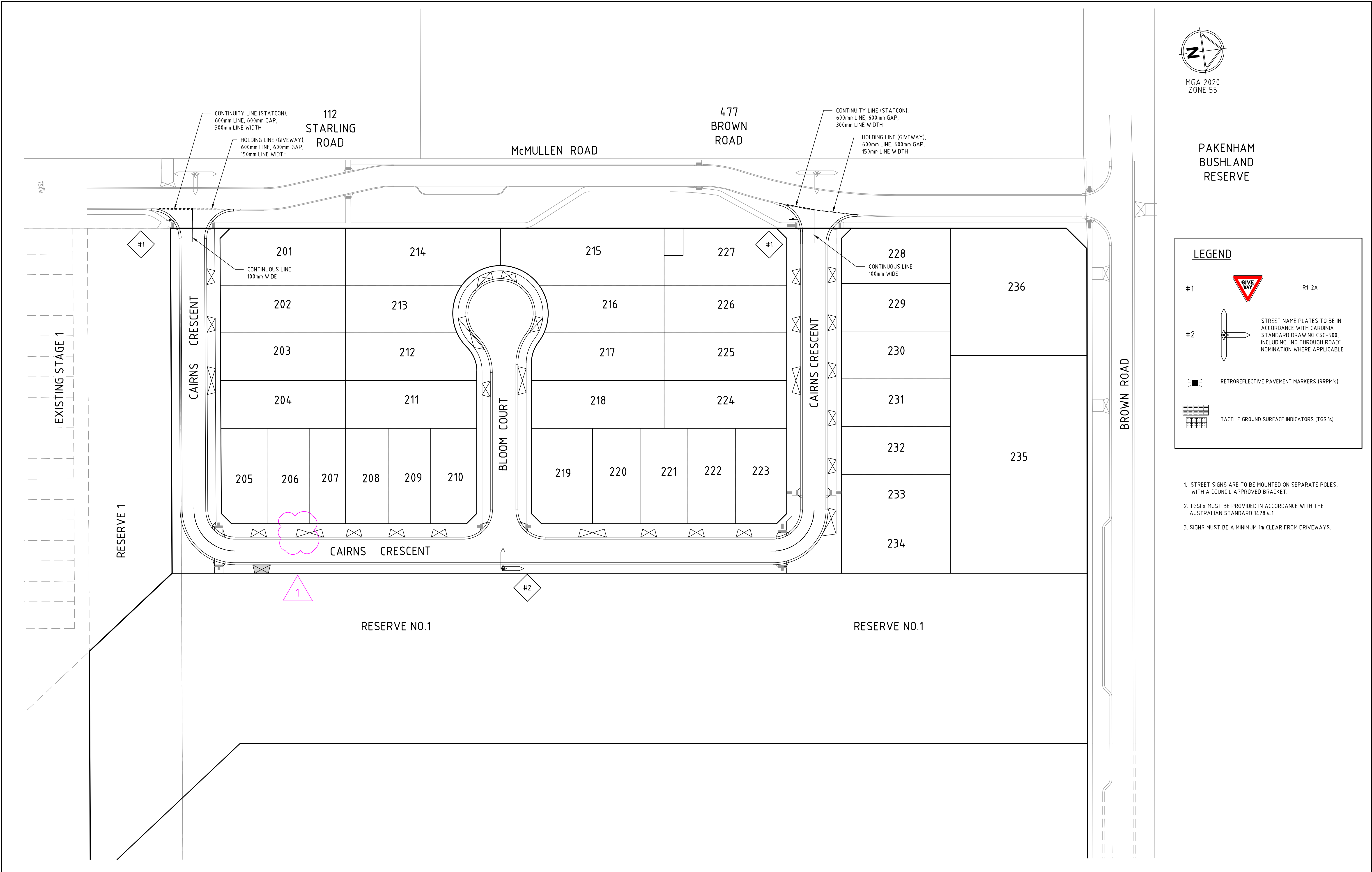
Designed
J.SIM
Authorised
S.MURPHY

Checked
B. MUGRIDGE
Date
17-08-20

**OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
PAVEMENT AND TYPICAL DETAILS - SHEET 1**
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

CONSTRUCTION Drg No 307019CR700 Rev 0

file name: 307019CR800.dwg, layout name: CR800, plotted by: Brad Haynes, file location: P:\307019\307019.dwg, plot date: 16/08/2021 11:12 AM, sheet 17 of 21 sheets



PAKENHAM
BUSHLAND
RESERVE

LEGEND

#1

R1-2A

#2

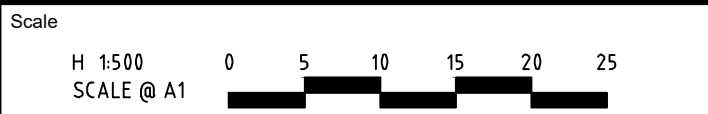
STREET NAME PLATES TO BE IN ACCORDANCE WITH CARDINIA STANDARD DRAWING CSC-500, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE

RETROREFLECTIVE PAVEMENT MARKERS (RRPM's)

TACTILE GROUND SURFACE INDICATORS (TGSI's)

- STREET SIGNS ARE TO BE MOUNTED ON SEPARATE POLES, WITH A COUNCIL APPROVED BRACKET.
- TGSI's MUST BE PROVIDED IN ACCORDANCE WITH THE AUSTRALIAN STANDARD 1428.4.1
- SIGNS MUST BE A MINIMUM 1m CLEAR FROM DRIVEWAYS.

Rev	Amendments	Approved	Date
1	DW MOVED LOT 206	S.M	04/08/21
0	ISSUED FOR CONSTRUCTION	SM	04/05/21
B	UPDATES AS PER COUNCIL COMMENTS	SM	29/04/21
A	ISSUED FOR APPROVAL	SM	05/11/20



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Designed
J.SIM

Authorised
S.MURPHY

Checked
B. MUGRIDGE

Date
17-08-20

OFFICER FIELDS
STAGE 2
ROAD AND DRAINAGE
SIGNAGE AND LINEMARKING - SHEET 1
CARDINIA SHIRE COUNCIL
YOURLAND PTY LTD

CONSTRUCTION

Dwg No
307019CR800

Rev
1