

# OFFICER FIELDS STAGE 1 YOURLAND

## GENERAL NOTES:

### SURVEY

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) 2020, 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 ±0.05m.
- 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.
- 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

- 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 DENOTED 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.
- T.B.M.'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 150m DEEP, A NOTIFICATION FORM MUST BE 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, DESLUGGED 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

## 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	
									SIDE	OFFSET	SIDE	OFFSET
GUMTREE GROVE	W	2.75	W	2.25	W	1.80	E	0.50	E	1.5x	E	1.10
GREENHOUSE GRANGE	N	2.75	N	2.25	N	1.80	S	1.85	S	1.5x	S	2.65
ECOLOGY CRESCENT (16.0M ROAD RESERVE)	S	2.75	S	2.25	S	1.80	N	1.85	N	1.5x	N	2.65
ECOLOGY CRESCENT (14.5M ROAD RESERVE)	E	2.75	E	2.25	E	1.80	W	0.50	W	1.5x	W	1.10
CLAY LANE	-	-	-	-	-	-	-	-	-	-	-	-
SANCTUM WALK	S	2.60	S	2.20	S	1.80	S	3.30	-	-	S	3.80
	E	VARIES	E	VARIES			E	0.5				
McMULLEN ROAD (ACCESS STREET)	E	1.00 (EX.)			E	2.3 - 3.00 (EX.)	E (INSIDE PROPERTY)	1.70-1.90 (EX.)	W	2.40-3.75 (EX.)	E	2.10 (EX.)
McMULLEN ROAD (CONNECTOR ROAD)					E	2.30 (EX.)	E	0.46-0.60 (EX.)	W	4.75-5.10 (EX.)	W	4.75-5.10 (EX.)

- TELSTRA AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG'S.
- GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
- x = OFFSET FROM BACK OF KERB

- 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 CENTRE OF ALLOTMENTS 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 (EDCM 202) 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 10m 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.

### PAVEMENT

- 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.
- 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.

### SIGNAGE AND LINEMARKING

- 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.
- 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 (DDA) ACCESSIBILITY GUIDELINES, VICROADS TRAFFIC ENGINEERING MANUAL - VOLUME 3, EDITION 1, MARCH 2017 AND WITH AUSTRALIAN STANDARDS AS1428.4.1 - 2009.
- ENVIRONMENTAL
- 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.
- 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.



## LOCALITY PLAN

MELWAY: 215 A1

H 14,000  
SCALE @ A1

## DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
CR100	FACE SHEET	1	0
CR200	EXISTING CONDITIONS PLAN	2	0
CR201	ROAD & DRAINAGE	3	0
CR202	SERVICES PLAN	4	0
CR300	ROAD LONGITUDINAL SECTIONS - SHEET 1	5	0
CR301	ROAD LONGITUDINAL SECTIONS - SHEET 2	6	0
CR400	ROAD CROSS SECTIONS - SHEET 1	7	0
CR401	ROAD CROSS SECTIONS - SHEET 2	8	0
CR402	ROAD CROSS SECTIONS - SHEET 3	9	0
CR403	ROAD CROSS SECTIONS - SHEET 4	10	0
CR500	INTERSECTION DETAILS - SHEET 1	11	0
CR501	INTERSECTION DETAILS - SHEET 2	12	0
CR502	SANCTUM WALK, SWALE & SHARED PATH - SHEET 1	13	0
CR503	SANCTUM WALK, SWALE & SHARED PATH - SHEET 2	14	0
CR504	SANCTUM WALK, SWALE & SHARED PATH - SHEET 3	15	0
CR505	SANCTUM WALK, SWALE & SHARED PATH - SHEET 4	16	0
CR600	DRAINAGE LONGITUDINAL SECTIONS - SHEET 1	17	0
CR601	DRAINAGE LONGITUDINAL SECTIONS - SHEET 2	18	0
CR602	DRAINAGE LONGITUDINAL SECTIONS - SHEET 3	19	0
CR603	DRAINAGE LONGITUDINAL SECTIONS - SHEET 4	20	0
CR700	PAVEMENT AND TYPICAL DETAILS - SHEET 1	21	0
CR701	PAVEMENT AND TYPICAL DETAILS - SHEET 2	22	0
CR800	SIGNAGE AND LINEMARKING	23	0

## 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	
CONCRETE VEHICLE CROSSING		
SURFACE CONTOUR MINOR	-169.00	169.00
SURFACE CONTOUR MAJOR	-168.90	168.90
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		
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		
FOOTPATH CONCRETE		
TACTILE GROUND SURFACE INDICATOR		
KERB TRANSITION		B2   SM2
RETAINING WALL		
RUBBISH BIN COLLECTION PAD		
HARD RUBBISH BIN COLLECTION PAD		
INTERNAL ROAD PAVEMENT		
CONCRETE PAVEMENT - STANDARD VEHICLE CROSSING		
CONCRETE LANE / ACCESS STREET (6A MODIFIED)		
HEAVY VEHICLE CROSSING EDCM 503		

## 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.



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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
F	DRAWING CR800 REVISED	SM	18/12/20
E	DRAWINGS CR100, CR201, CR502-CR505 & CR700 REVISED	SM	16/12/20
D	DRAWING CR800 REVISED	SM	02/11/20
C	DRAWINGS REVISED & ADDED CR504-505	SM	16/10/20
B	ISSUED FOR APPROVAL	SM	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20

Scale

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**YourLand** Developments  
 Designed: A.CHARALAMBOUS  
 Authorised: S.MURPHY  
 Checked: B.MUGRIDGE  
 Date: JUN 2020

**OFFICER FIELDS  
 STAGE 1  
 ROAD AND DRAINAGE  
 FACE SHEET**  
 CARDINIA SHIRE COUNCIL  
 YOURLAND  
**CONSTRUCTION** Drg No: 307018CR100 Rev: 0

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APA HIGH PRESSURE GAS TRANSMISSION LINE IN THE VICINITY OF THE WORKS. "NO GO" ZONE EXTENDS WITHIN THE APA GAS EASEMENT BOUNDARY. NO CONSTRUCTION OR ACCESS IS TO BE UNDERTAKEN WITHIN THE "NO GO" ZONE WITHOUT PRIOR APPROVAL FROM AN APA INFRASTRUCTURE PROTECTION OFFICER. APA MAY BE REQUIRED TO BE IN ATTENDANCE WHILST WORKS COMPLETED IN VICINITY OF APA INFRASTRUCTURE. APA OFFICERS CAN BE CONTACTED ON 1800 103 452 or APAProtection@apa.com.au

TBM ID:4 STAR PICKET  
RL 51.14  
E 361548.62  
N 5787306.69



ALL BUILDINGS AND  
OUTBUILDINGS TO BE  
DEMOLISHED

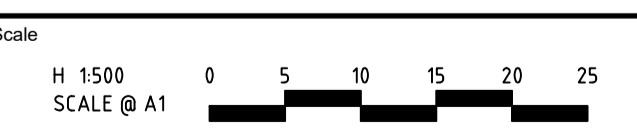
112  
STARLING  
ROAD

97  
McMULLEN  
ROAD

90  
McMULLEN  
ROAD

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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	NOTE ADDED	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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Authorised  
S.MURPHY

Checked  
B.MURGRIDGE  
Date  
JUN 2020

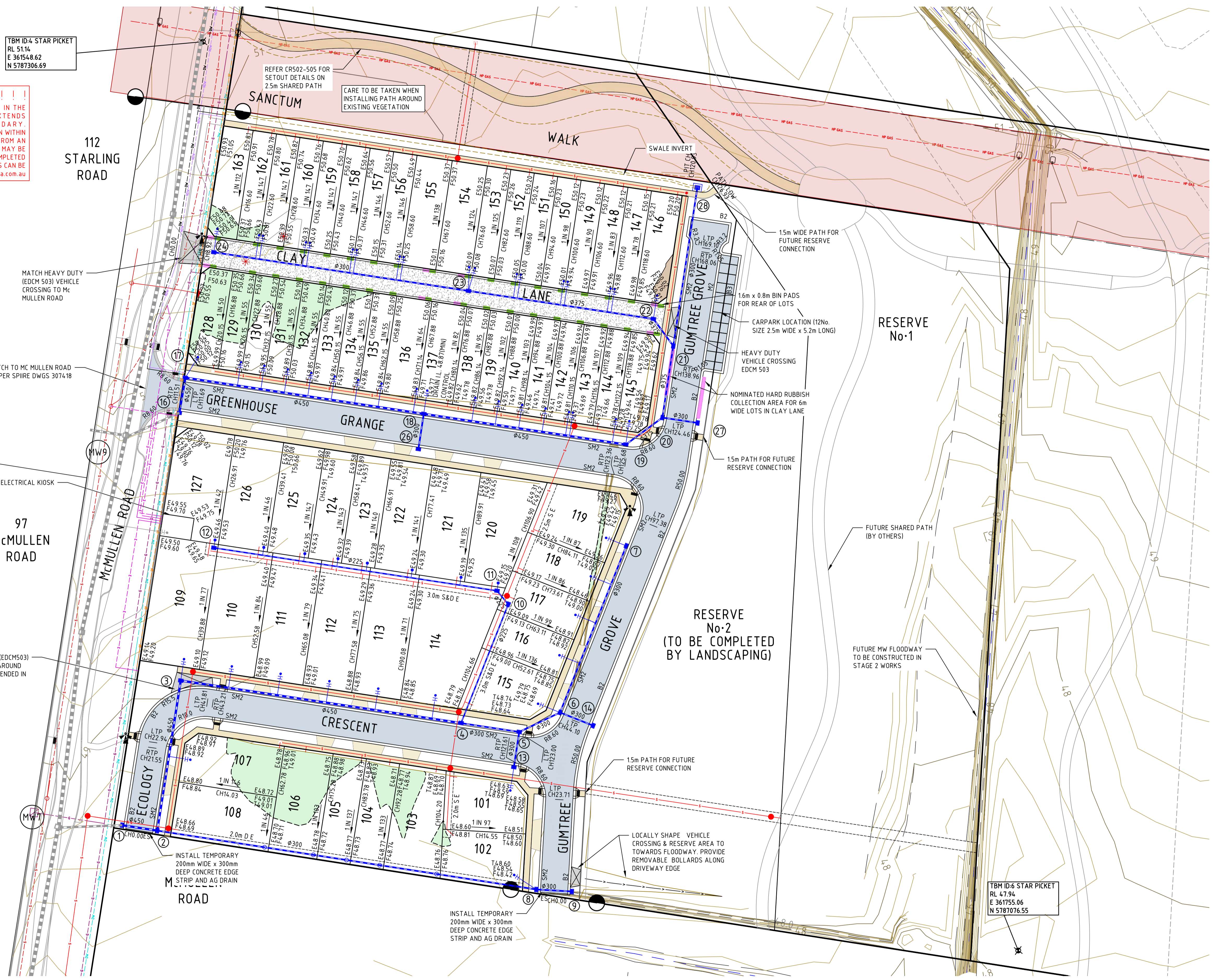
**OFFICER FIELDS  
STAGE 1  
ROAD AND DRAINAGE  
ROAD LAYOUT PLANS - EXISTING CONDITIONS PLAN**  
CARDINIA SHIRE COUNCIL  
YOURLAND

**CONSTRUCTION** Dwg No 307018CR200 Rev 0

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 RL 51.14  
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 N 5787306.69

REFER CR502-505 FOR SETOUT DETAILS ON 25m SHARED PATH  
 CARE TO BE TAKEN WHEN INSTALLING PATH AROUND EXISTING VEGETATION



112 STARLING ROAD

97 McMULLEN ROAD

RESERVE No:1

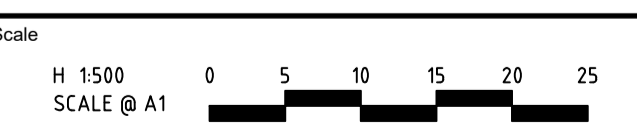
RESERVE No:2 (TO BE COMPLETED BY LANDSCAPING)

TBM ID:6 STAR PICKET  
 RL 47.94  
 E 361755.06  
 N 5787076.55

**WARNING**  
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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
D	SWALE, PATH GRADING, NOTES REVISED	SM	16/12/20
C	NOTES , TIMBER WALK PIT GRADING, SANCTUM WK & SHARED PATHS REVISED	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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Designed  
 A.CHARALAMBOUS  
 Authorised  
 S.MURPHY  
 Checked  
 B.MUGRIDGE  
 Date  
 JUN 2020

**OFFICER FIELDS**  
**STAGE 1**  
**ROAD AND DRAINAGE**  
**ROAD LAYOUT PLANS - ROAD AND DRAINAGE**  
 CARDINIA SHIRE COUNCIL  
 YOURLAND

**CONSTRUCTION** Drg No 307018CR201 Rev 0

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 RL 51.14  
 E 361548.62  
 N 5787306.69

EXISTING SERVICES WITHIN PROPERTY TO BE ABANDONED AS PER CR200

112 STARLING ROAD

97 McMULLEN ROAD

90 McMULLEN ROAD

SANCTUM

WALK

CLAY

LANE

GREENHOUSE

GRANGE

RESERVE No:2  
(TO BE COMPLETED BY LANDSCAPING)

RESERVE No:1

ECOLOG

CRESCENT

GUMTREE

GROVE

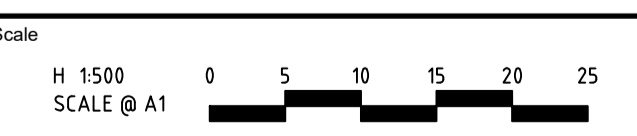
GUMTREE GROVE

**WARNING**  
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 N 5787076.55

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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	ROAD NAME CHANGE	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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 Authorised  
 S.MURPHY

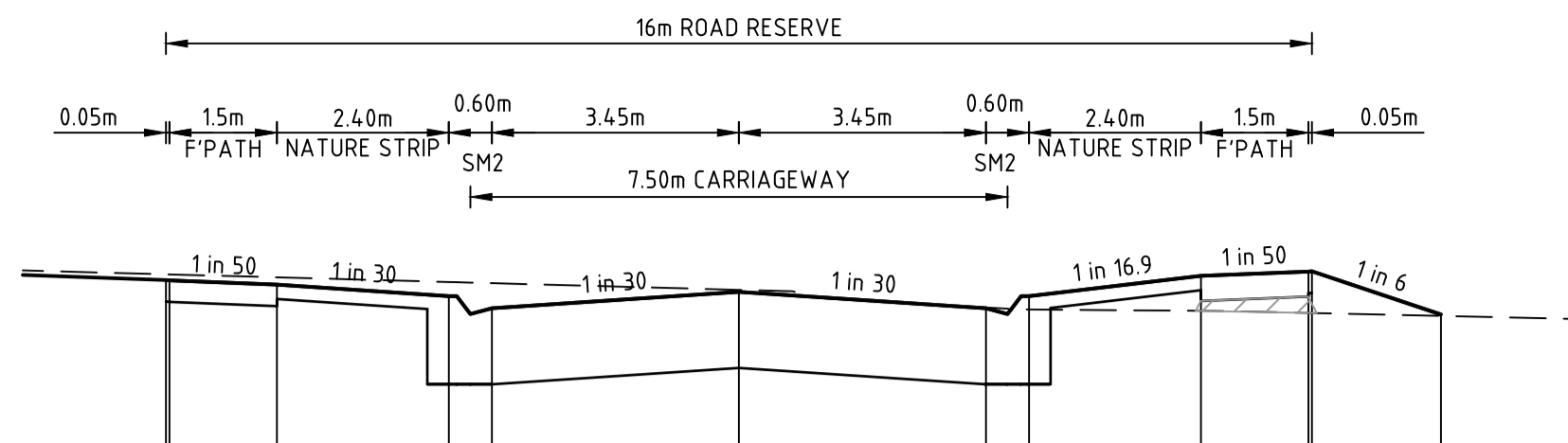
Checked  
 B.MUGRIDGE  
 Date  
 JUN 2020

**OFFICER FIELDS  
 STAGE 1  
 ROAD AND DRAINAGE  
 ROAD LAYOUT PLANS - SERVICES PLAN**  
 CARDINIA SHIRE COUNCIL  
 YOURLAND

**CONSTRUCTION** Drg No 307018CR202 Rev 0



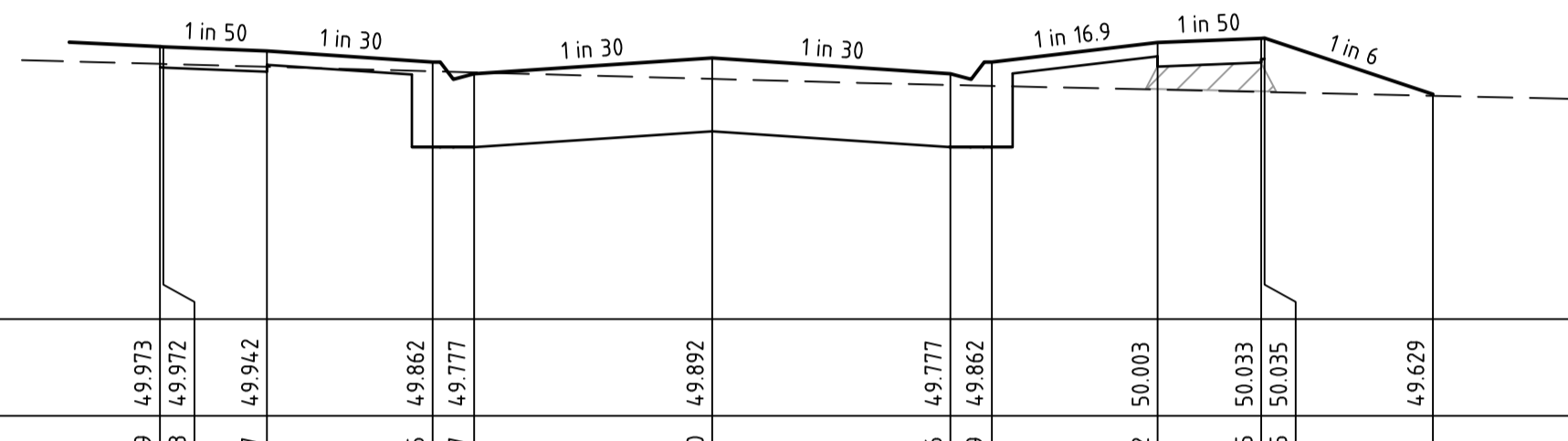




STRUCTURAL FILL IN ACCORDANCE WITH AS3798-2007, LEVEL 1

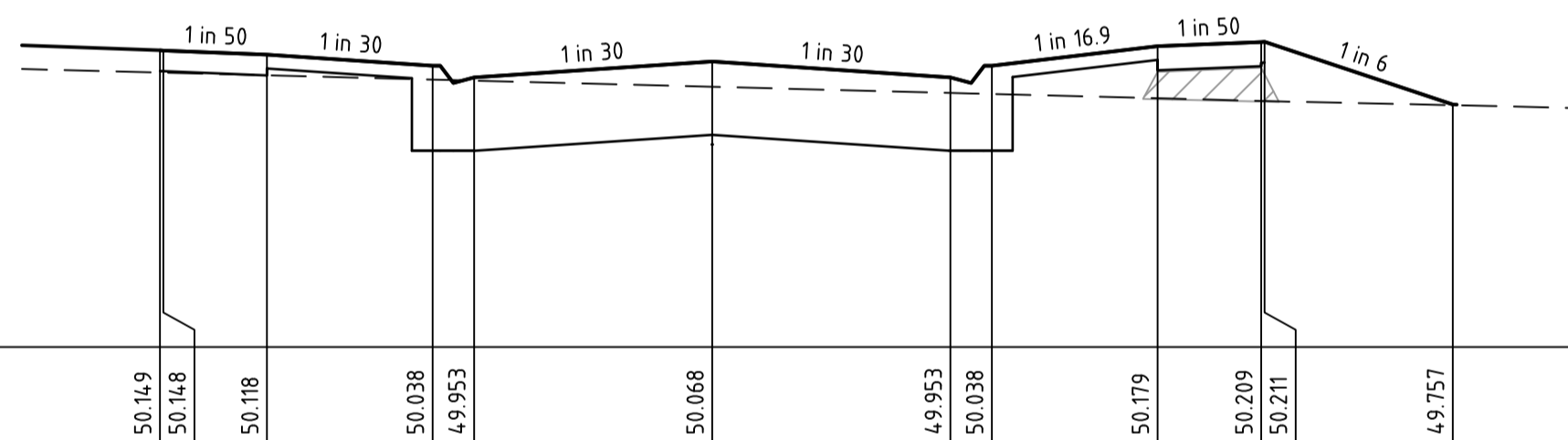
DATUM R.L. 48.0	
DESIGN SURFACE LEVEL	-8.000 49.837 49.796 -7.950 49.836 49.794 -6.450 49.816 49.764
EXISTING SURFACE LEVEL	-4.050 49.783 49.684 -3.450 49.775 49.599
OFFSET	0.000 49.728 49.714 3.450 49.605 49.599 4.050 49.591 49.684 6.450 49.582 49.826 7.950 49.567 49.856 8.000 49.566 49.857 9.801 49.546 49.557

GREENHOUSE GRANGE CH 62.15



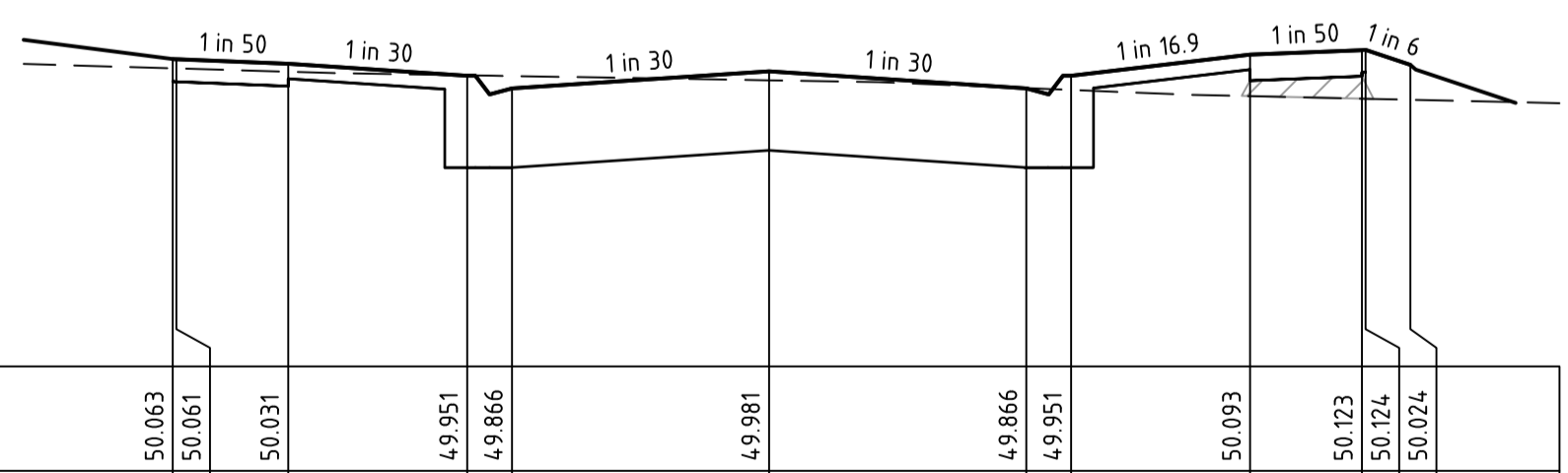
DATUM R.L. 48.0	
DESIGN SURFACE LEVEL	-8.000 49.849 49.973 -7.950 49.848 49.972 -6.450 49.827 49.942
EXISTING SURFACE LEVEL	-4.050 49.795 49.862 -3.450 49.787 49.777
OFFSET	0.000 49.740 49.892 3.450 49.696 49.777 4.050 49.689 49.862 6.450 49.662 50.003 7.950 49.645 50.033 8.000 49.645 50.035 10.438 49.618 49.629

GREENHOUSE GRANGE CH 44.15



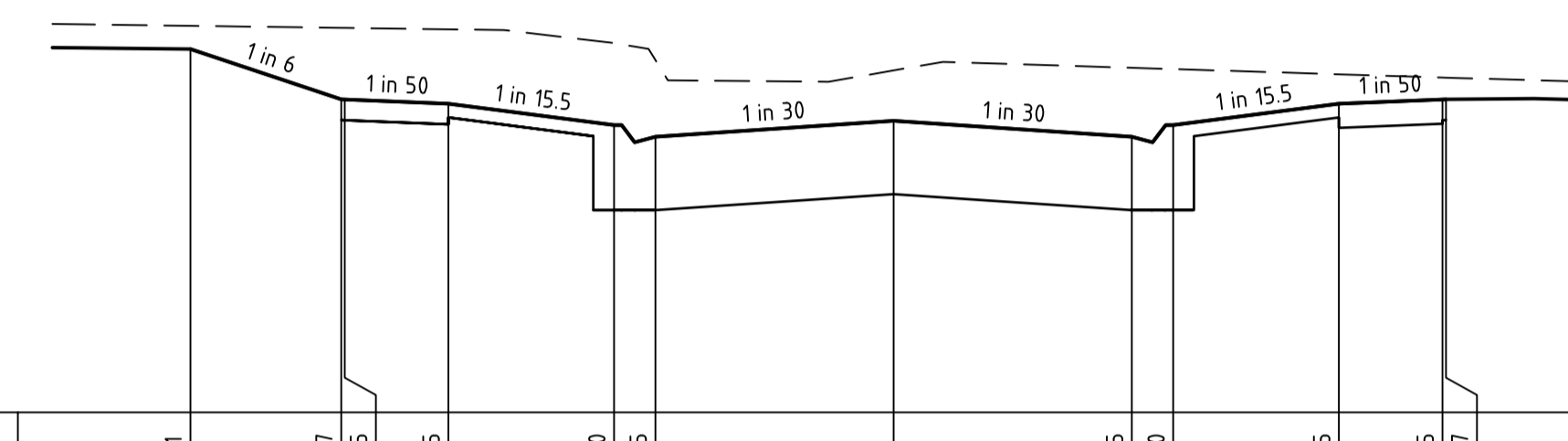
DATUM R.L. 48.0	
DESIGN SURFACE LEVEL	-8.000 49.988 50.149 -7.950 49.987 50.148 -6.450 49.968 50.118
EXISTING SURFACE LEVEL	-4.050 49.937 50.038 -3.450 49.929 49.953
OFFSET	0.000 49.885 50.068 3.450 49.841 49.953 4.050 49.833 50.038 6.450 49.802 50.179 7.950 49.783 50.209 8.000 49.782 50.211 10.727 49.752 49.757

GREENHOUSE GRANGE CH 26.15



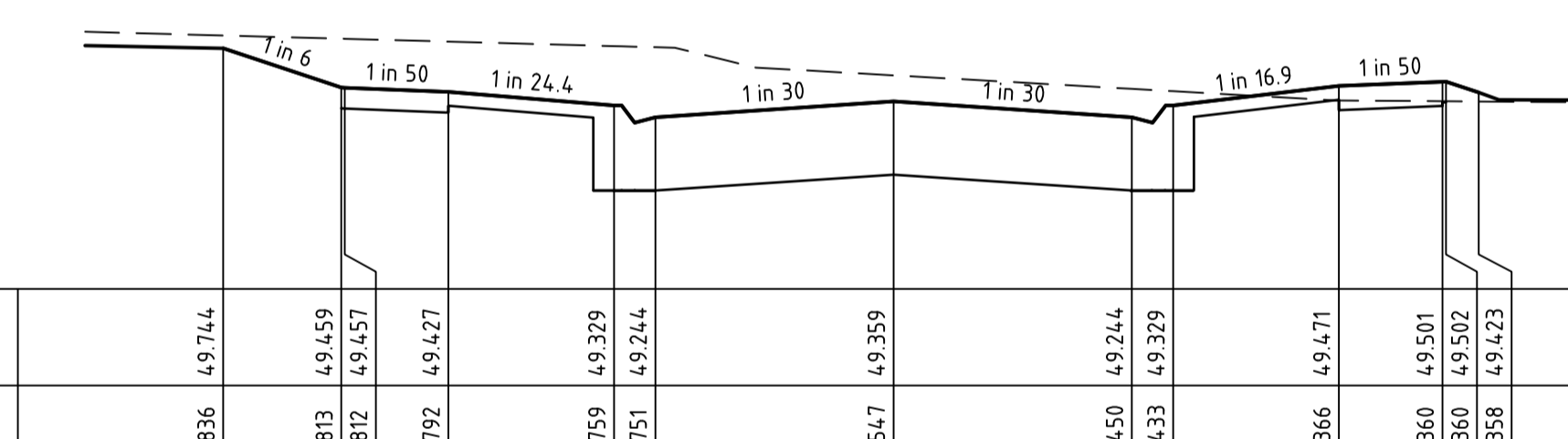
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DESIGN SURFACE LEVEL	-8.000 50.001 50.063 -7.950 50.000 50.061 -6.450 49.978 50.031
EXISTING SURFACE LEVEL	-4.050 49.954 49.951 -3.450 49.949 49.866
OFFSET	0.000 49.920 49.981 3.450 49.868 49.866 4.050 49.856 49.951 6.450 49.814 50.093 7.950 49.797 50.123 8.000 49.797 50.124 8.000 49.790 50.024

GREENHOUSE GRANGE CH 11.69



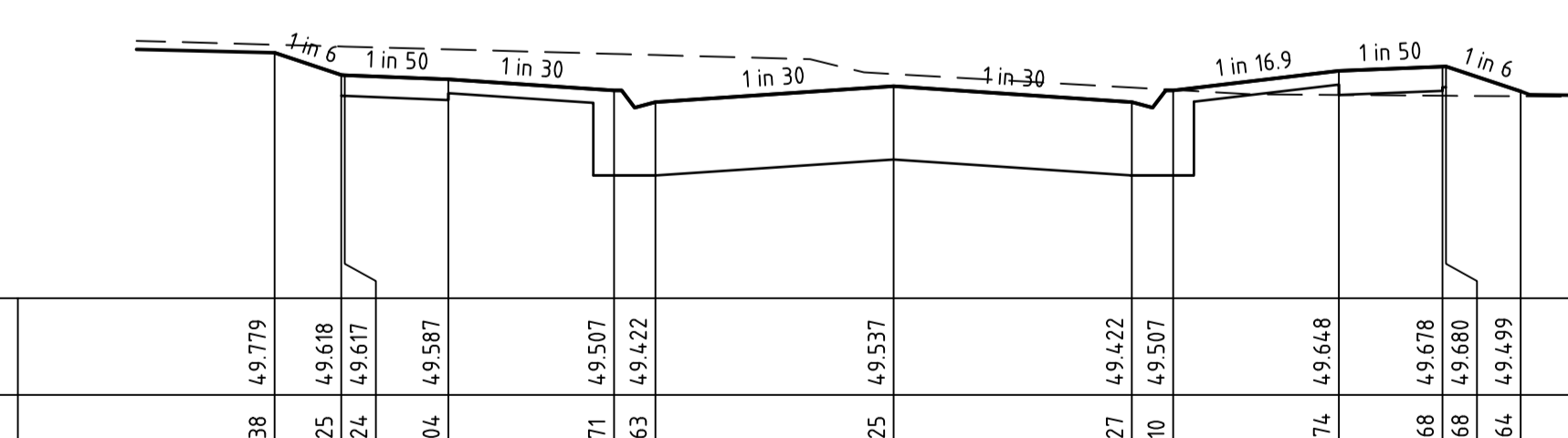
DATUM R.L. 47.0	
DESIGN SURFACE LEVEL	-10.184 49.799 49.631 -8.000 49.784 49.267 -7.950 49.784 49.265 -6.450 49.773 49.235
EXISTING SURFACE LEVEL	-4.050 49.674 49.080 -3.450 49.551 48.995
OFFSET	0.000 49.476 49.110 3.450 49.495 48.995 4.050 49.485 49.080 6.450 49.448 49.235 7.950 49.424 49.265 8.000 49.424 49.267

GREENHOUSE GRANGE CH 123.36



DATUM R.L. 48.0	
DESIGN SURFACE LEVEL	-9.711 49.836 49.744 -8.000 49.813 49.459 -7.950 49.812 49.457 -6.450 49.792 49.427
EXISTING SURFACE LEVEL	-4.050 49.759 49.329 -3.450 49.751 49.244
OFFSET	0.000 49.547 49.359 3.450 49.450 49.244 4.050 49.433 49.329 6.450 49.386 49.471 7.950 49.360 49.501 8.000 49.360 49.502 8.475 49.358 49.423

GREENHOUSE GRANGE CH 98.14

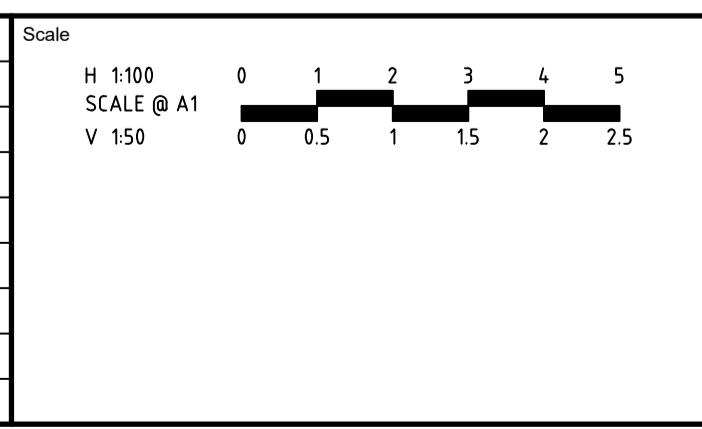


DATUM R.L. 48.0	
DESIGN SURFACE LEVEL	-8.967 49.838 49.779 -8.000 49.825 49.618 -7.950 49.824 49.617 -6.450 49.804 49.587
EXISTING SURFACE LEVEL	-4.050 49.771 49.507 -3.450 49.763 49.472
OFFSET	0.000 49.625 49.537 3.450 49.527 49.422 4.050 49.510 49.507 6.450 49.474 49.648 7.950 49.468 49.678 8.000 49.468 49.680 9.083 49.464 49.499

GREENHOUSE GRANGE CH 80.14

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0	ISSUED FOR CONSTRUCTION	SM	13/01/21
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20
Rev	Amendments	Approved	Date



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

Designed  
**A.CHARALAMBOUS**

Checked  
**B.MUGRIDGE**

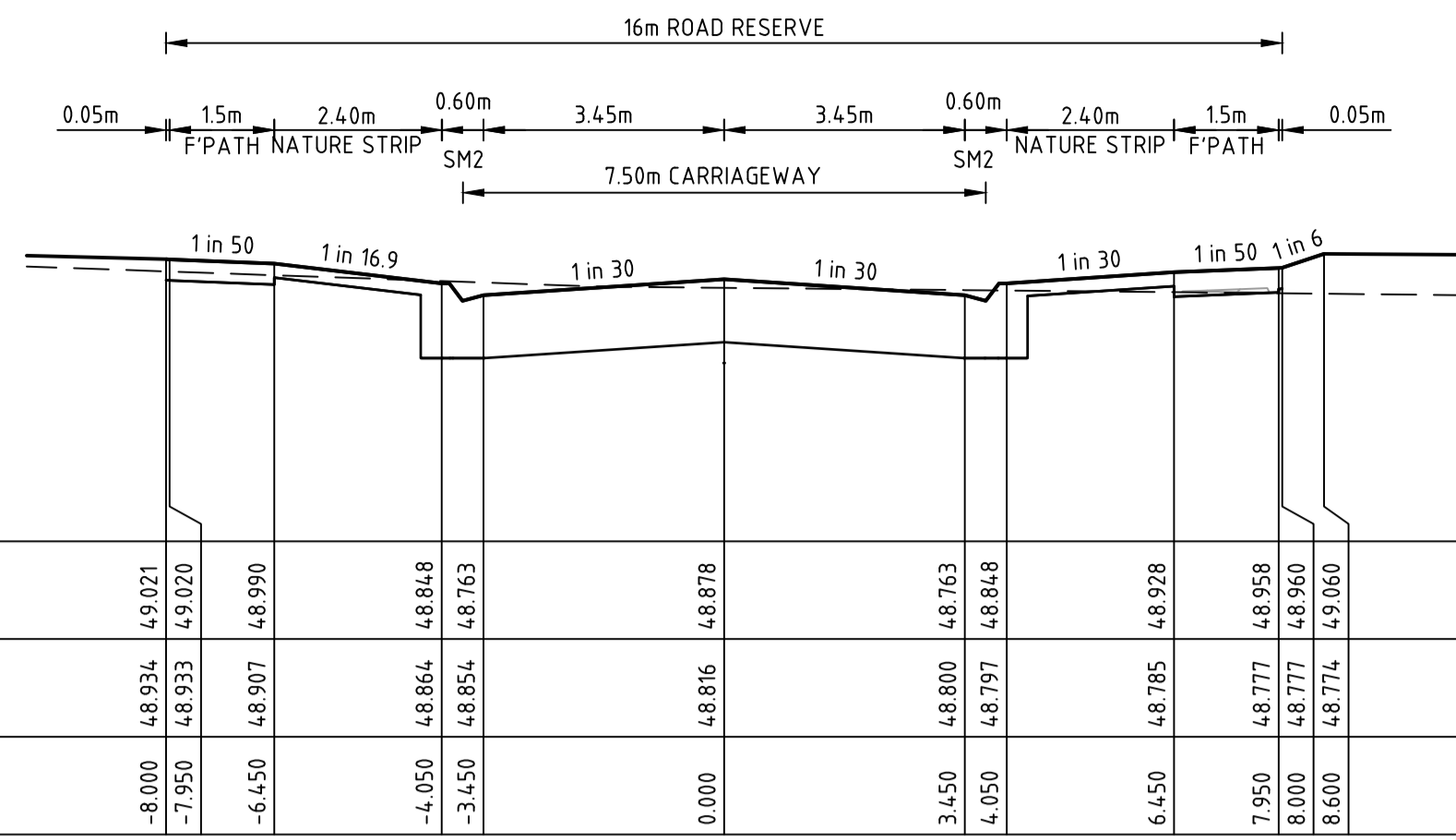
Authorised  
**S.MURPHY**

Date  
**JUN 2020**

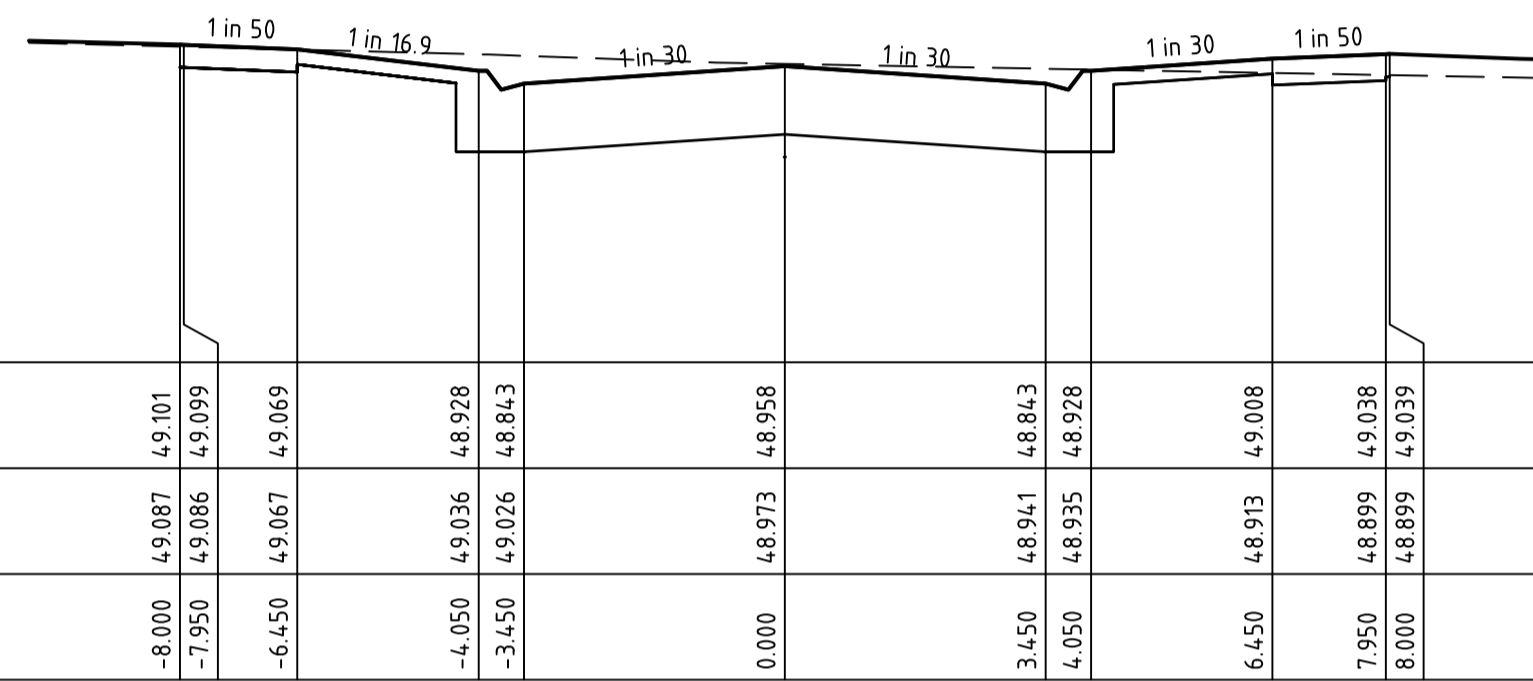
**OFFICER FIELDS  
STAGE 1  
ROAD AND DRAINAGE  
ROAD CROSS SECTIONS - SHEET 1  
CARDINIA SHIRE COUNCIL  
YOURLAND**

**CONSTRUCTION** Drg No **307018CR400** Rev **0**

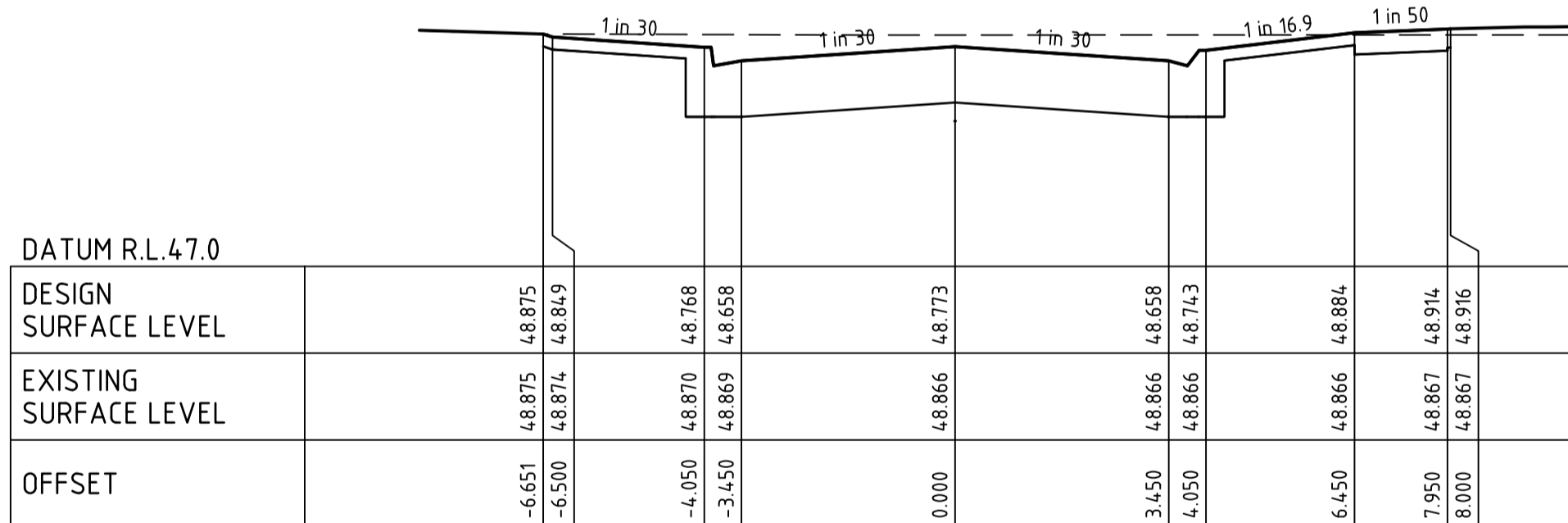
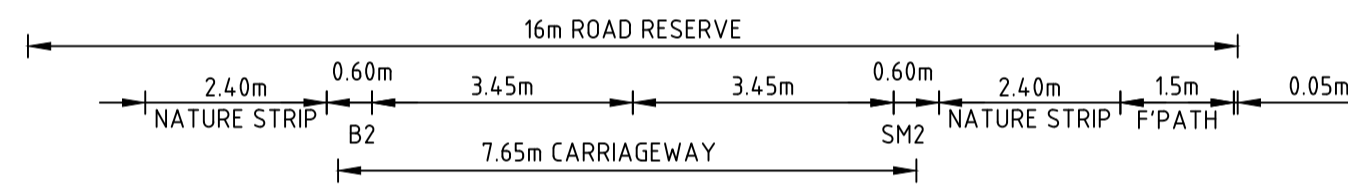
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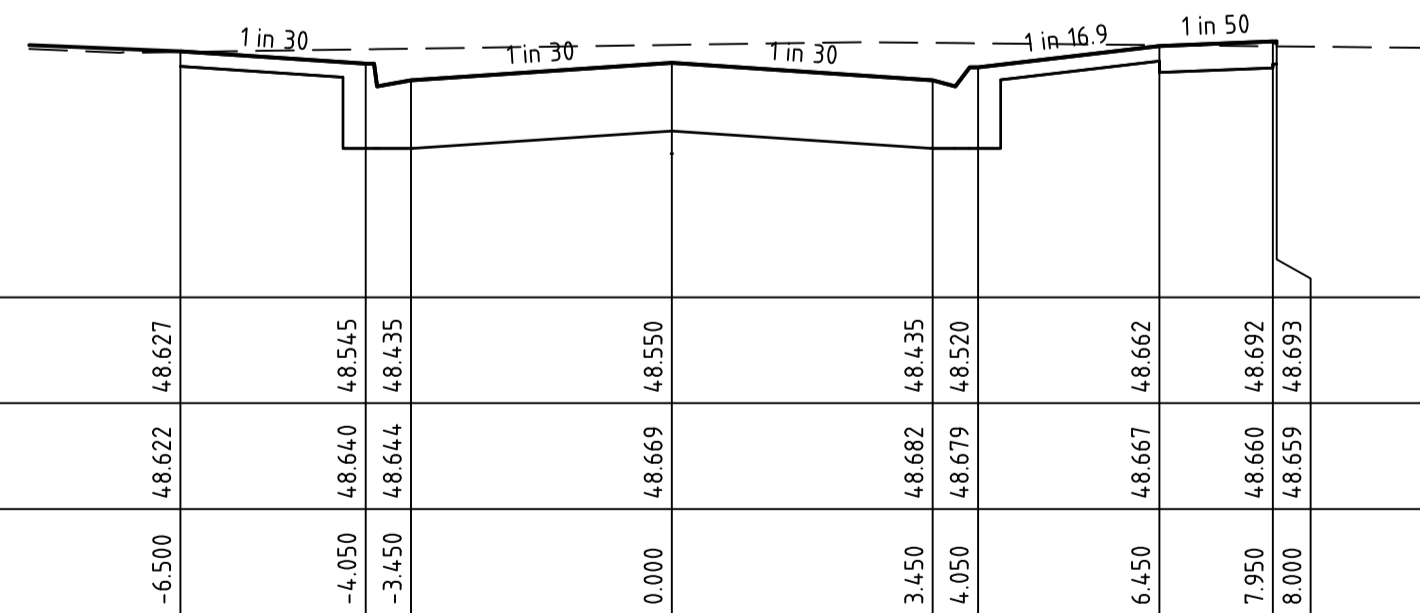
ECOLOGY CRECENT CH 62.78



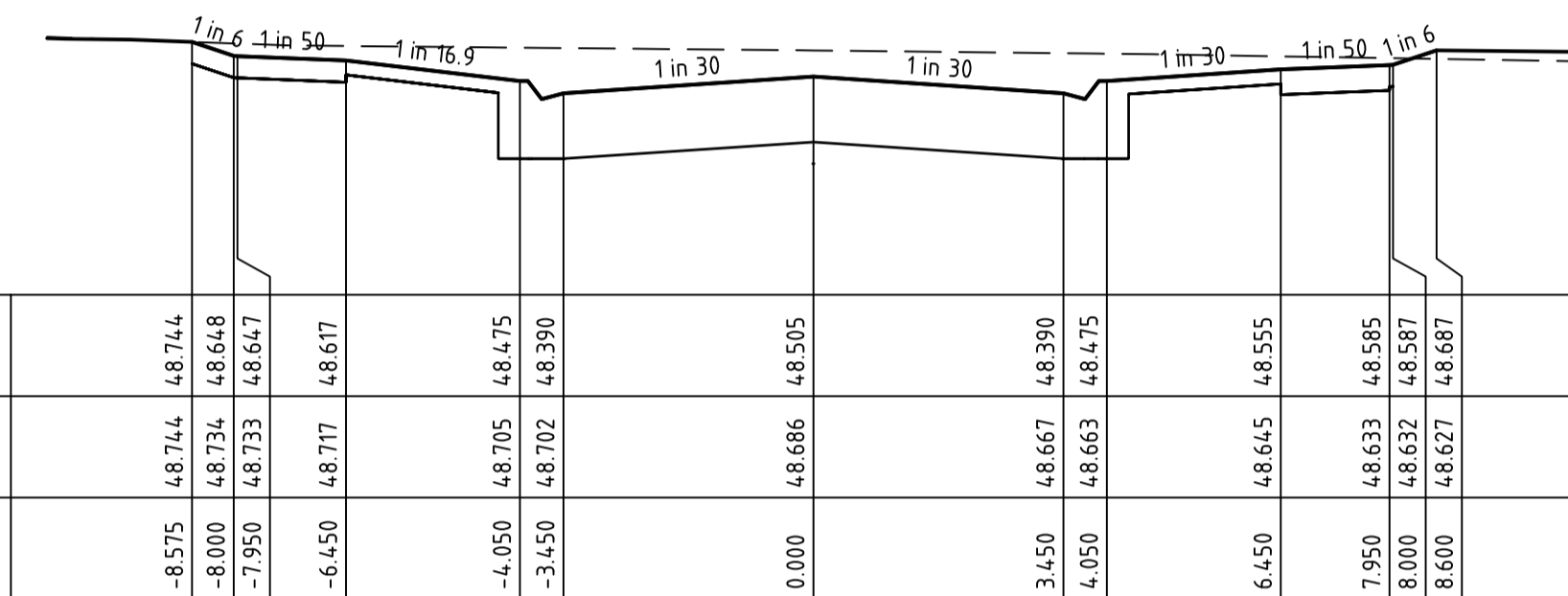
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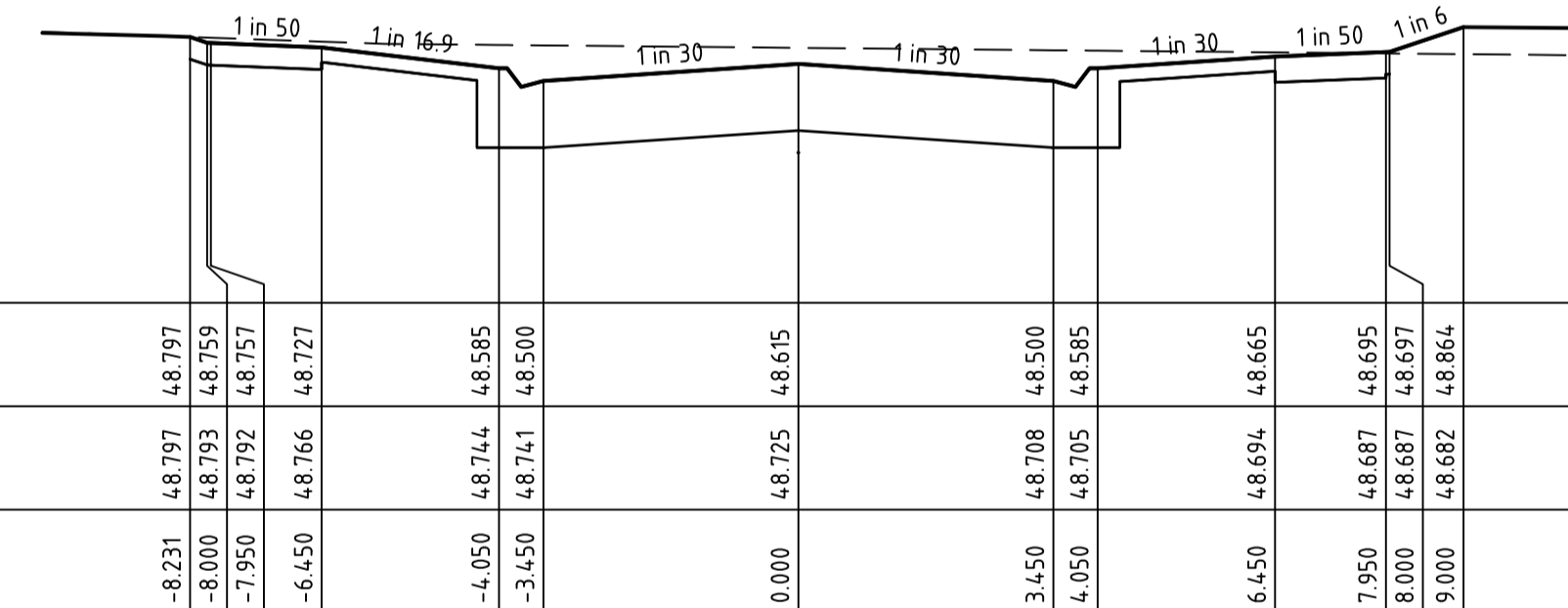
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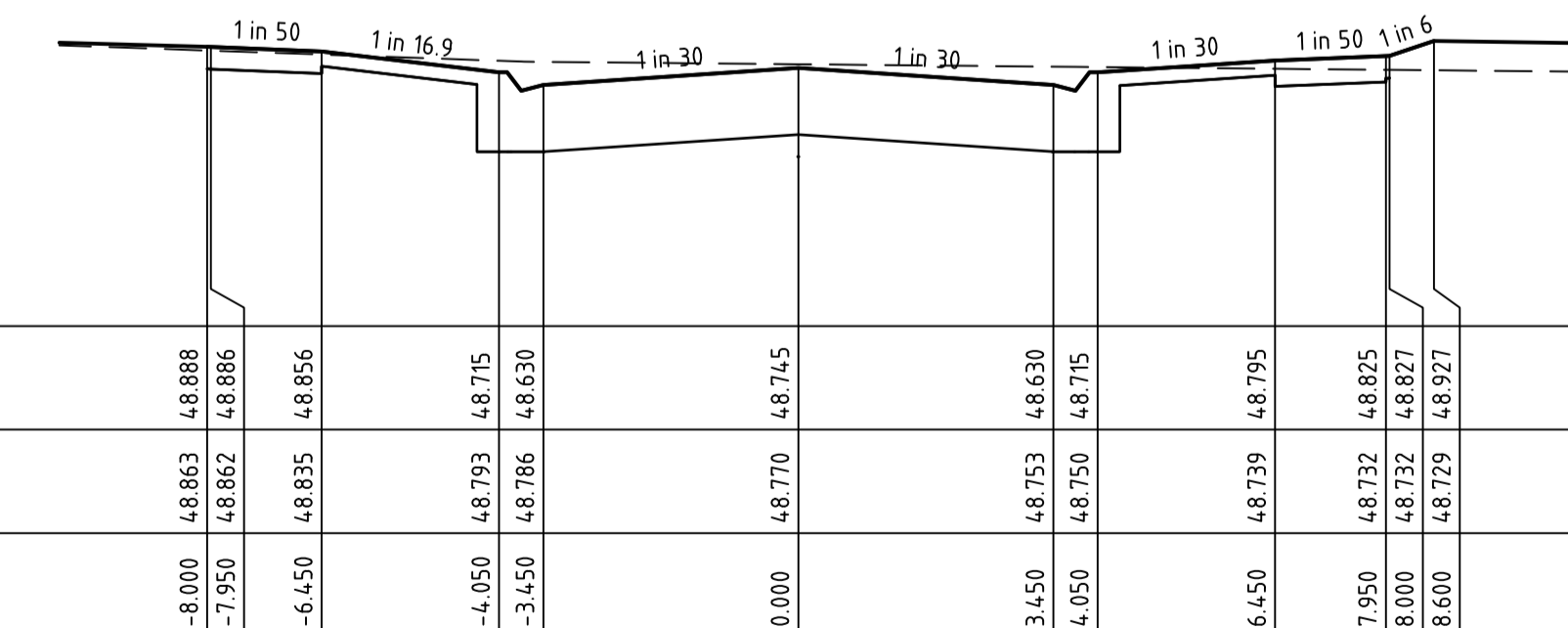
ECOLOGY CRECENT CH 0.00



ECOLOGY CRECENT CH 121.61

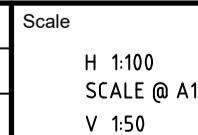


ECOLOGY CRECENT CH 104.20



ECOLOGY CRECENT CH 83.78

STRUCTURAL FILL IN ACCORDANCE WITH AS3798-2007, LEVEL 1



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Designed  
A.CHARALAMBOUS  
Authorised  
S.MURPHY

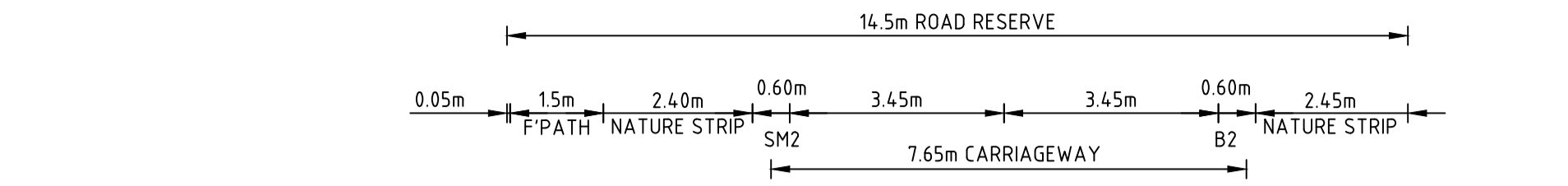
Checked  
B.MUGRIDGE  
Date  
JUN 2020

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

**CONSTRUCTION** Drg No **307018CR401** Rev **0**

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	ROAD NAME CHANGED	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20

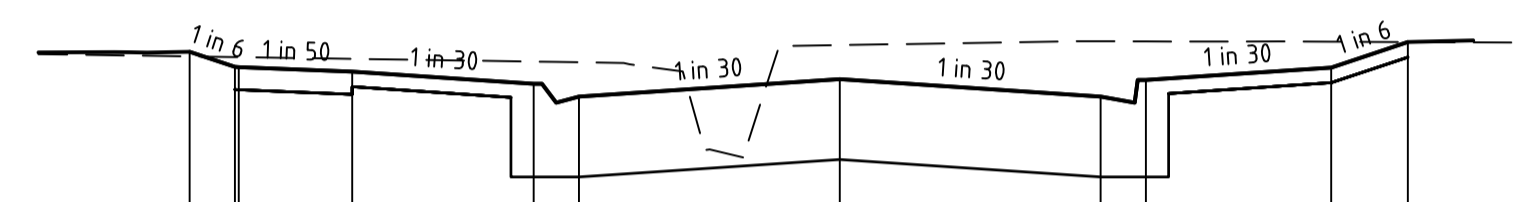
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DATUM R.L. 47.0

DESIGN SURFACE LEVEL	48.923	48.823	48.821	48.791	48.711	48.626	48.741	48.626	48.817	48.946
EXISTING SURFACE LEVEL	48.911	48.906	48.905	48.890	48.871	48.826	48.741	48.626	48.817	48.946
OFFSET	-8.600	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	3.450	6.500	7.270

GUMTREE GROVE CH 63.11



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	48.790	48.690	48.688	48.658	48.578	48.493	48.608	48.493	48.685	48.854
EXISTING SURFACE LEVEL	48.759	48.754	48.754	48.743	48.724	48.720	48.633	48.603	48.685	48.854
OFFSET	-8.600	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	3.450	6.500	7.514

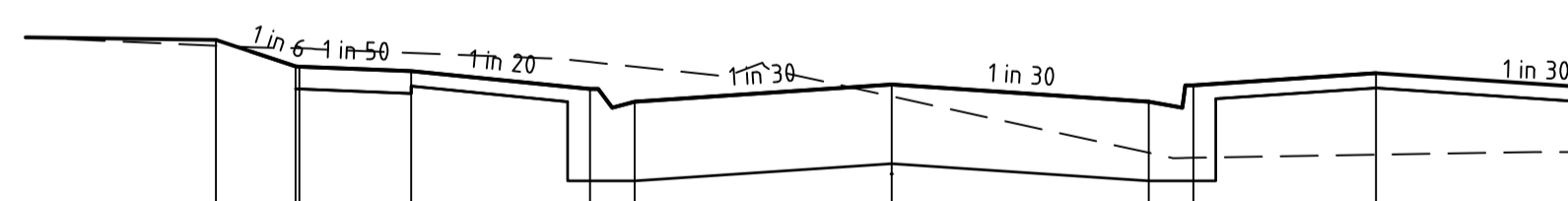
GUMTREE GROVE CH 44.10



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	48.547	48.546	48.516	48.436	48.351	48.466	48.351	48.542	48.795
EXISTING SURFACE LEVEL	48.577	48.576	48.568	48.555	48.552	48.461	48.351	48.542	48.795
OFFSET	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	3.450	6.500	8.019

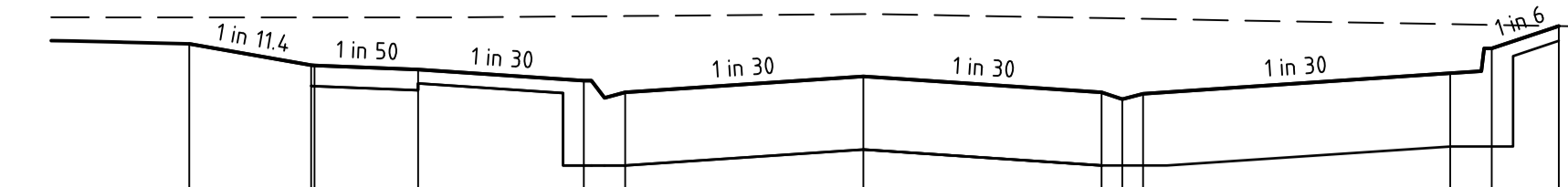
GUMTREE GROVE CH 23.71



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	48.600	48.422	48.390	48.270	48.185	48.300	48.185	48.377	48.152
EXISTING SURFACE LEVEL	48.552	48.544	48.543	48.512	48.451	48.420	48.300	48.377	48.152
OFFSET	-9.068	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	6.500	13.232

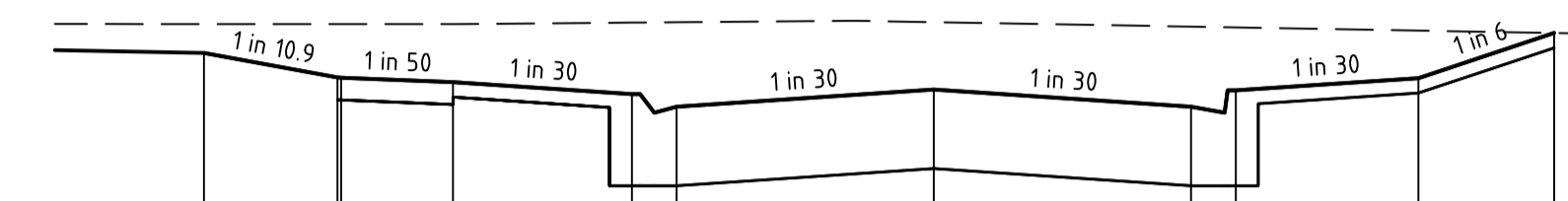
GUMTREE GROVE CH 0.00



DATUM R.L. 48.0

DESIGN SURFACE LEVEL	49.726	49.572	49.570	49.540	49.460	49.375	49.490	49.375	49.325	49.365	49.513	49.693	49.856
EXISTING SURFACE LEVEL	49.918	49.918	49.918	49.918	49.926	49.928	49.943	49.932	49.918	49.908	49.869	49.864	49.856
OFFSET	-9.764	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	3.450	3.750	4.050	8.500	9.100	10.072

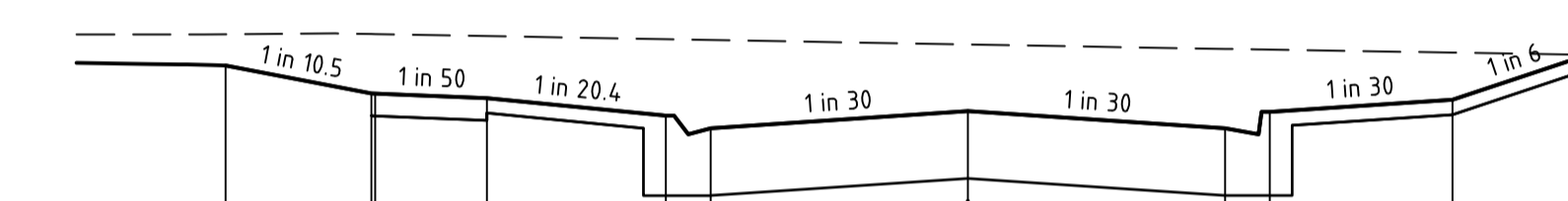
GUMTREE GROVE CH 140.00



DATUM R.L. 48.0

DESIGN SURFACE LEVEL	49.710	49.546	49.544	49.514	49.434	49.349	49.464	49.349	49.349	49.541	49.844
EXISTING SURFACE LEVEL	49.904	49.904	49.904	49.904	49.914	49.914	49.917	49.917	49.917	49.860	49.844
OFFSET	-9.790	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	3.450	4.050	6.500	8.320

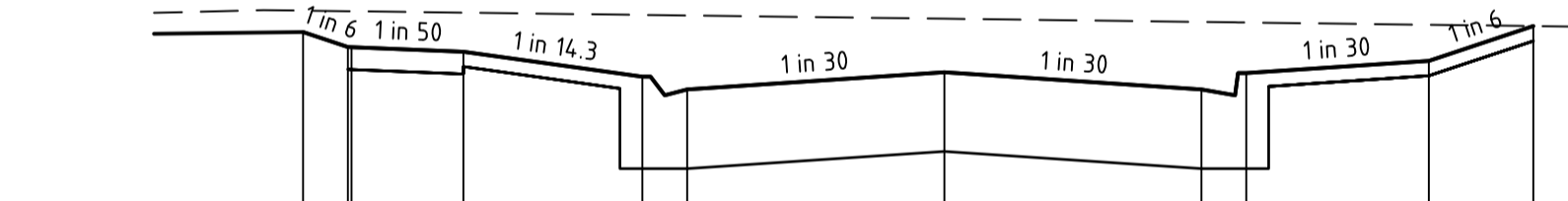
GUMTREE GROVE CH 137.91



DATUM R.L. 48.0

DESIGN SURFACE LEVEL	49.605	49.418	49.416	49.386	49.269	49.184	49.299	49.184	49.294	49.375	49.677
EXISTING SURFACE LEVEL	49.814	49.816	49.816	49.803	49.782	49.776	49.746	49.746	49.746	49.692	49.677
OFFSET	-9.956	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	3.450	4.050	6.500	8.313

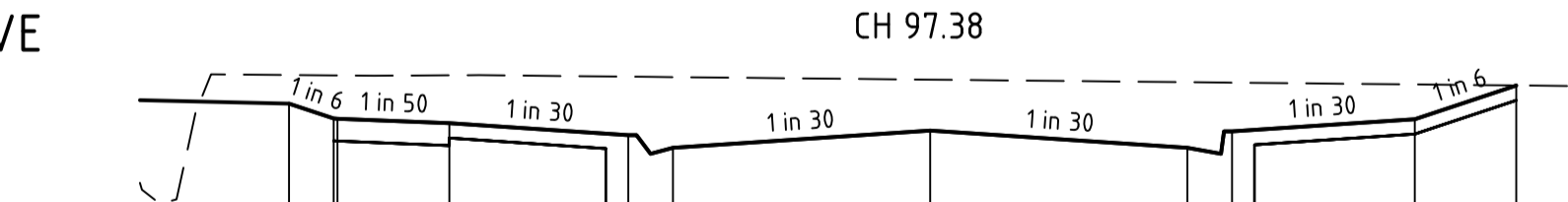
GUMTREE GROVE CH 124.46



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	49.254	49.154	49.152	49.122	48.954	48.869	48.984	48.869	48.979	49.061	49.294
EXISTING SURFACE LEVEL	49.398	49.394	49.394	49.384	49.369	49.365	49.344	49.344	49.344	49.303	49.294
OFFSET	-8.600	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	3.450	4.050	6.500	7.899

GUMTREE GROVE CH 97.38



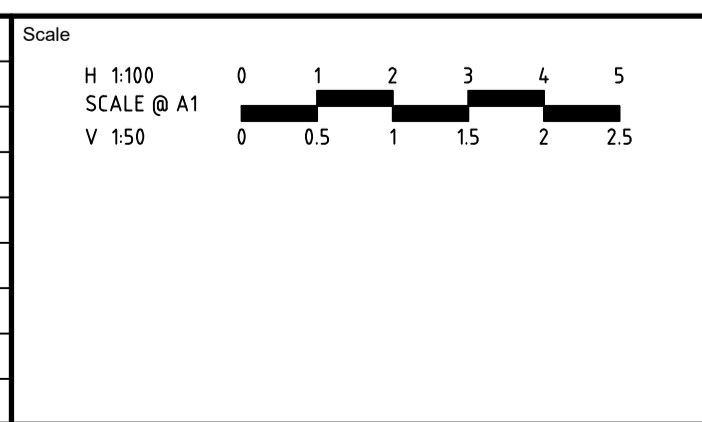
DATUM R.L. 47.0

DESIGN SURFACE LEVEL	49.069	48.969	48.968	48.938	48.858	48.773	48.888	48.773	48.883	48.964	49.191
EXISTING SURFACE LEVEL	49.258	49.258	49.258	49.259	49.250	49.247	49.230	49.230	49.210	49.198	49.191
OFFSET	-8.600	-8.000	-7.950	-6.450	-4.050	-3.450	0.000	3.450	4.050	6.500	7.860

GUMTREE GROVE CH 84.11

STRUCTURAL FILL IN ACCORDANCE WITH AS3798-2007, LEVEL 1

0	ISSUED FOR CONSTRUCTION	SM	13/01/21
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20
Rev	Amendments	Approved	Date



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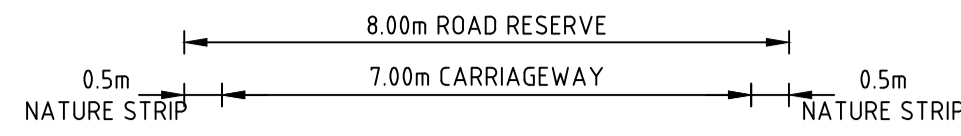
414 LA TROBE STREET PO BOX 16084 MELBOURNE VICTORIA 8007 AUSTRALIA T 61 3 9993 7888  
spiire.com.au ABN 55 050 029 635

Designed: A.CHARALAMBOUS  
Checked: B.MUGRIDGE  
Authorised: S.MURPHY  
Date: JUN 2020

OFFICER FIELDS STAGE 1 ROAD AND DRAINAGE ROAD CROSS SECTIONS - SHEET 3 CARDINIA SHIRE COUNCIL YOURLAND

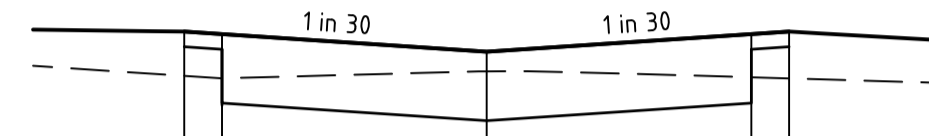
CONSTRUCTION 307018CR402

Rev 0



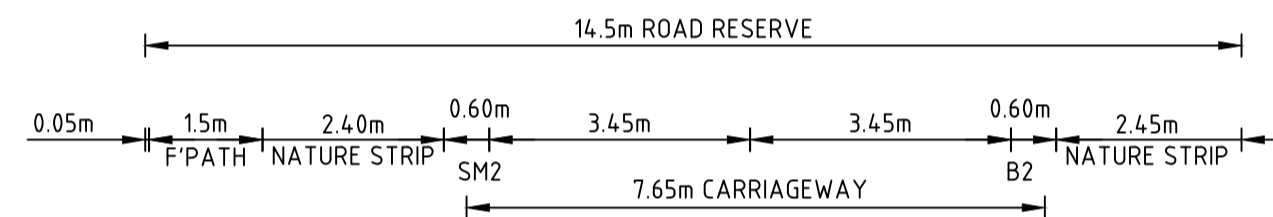
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DESIGN SURFACE LEVEL	50.485 50.469
EXISTING SURFACE LEVEL	50.326 50.317
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CLAY LANE CH 34.88



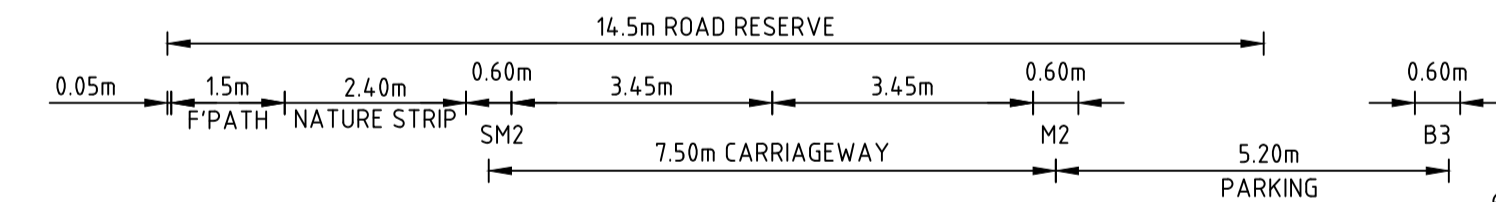
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DESIGN SURFACE LEVEL	50.662 50.646
EXISTING SURFACE LEVEL	50.369 50.354
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CLAY LANE CH 16.88



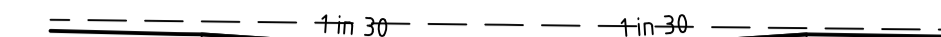
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DESIGN SURFACE LEVEL	49.930 49.928 49.898 49.818 49.733 49.848 49.733 49.843 49.925 50.137
EXISTING SURFACE LEVEL	50.115 50.115 50.115 50.115 50.115 50.114 50.119 50.122 50.132 50.137
OFFSET	-8.000 -7.950 -6.450 -4.050 -3.450 0.000 3.450 4.050 6.500 7.776

GUMTREE GROVE CH 169.08



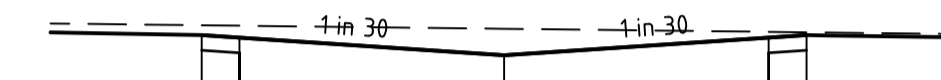
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DESIGN SURFACE LEVEL	49.917 49.916 49.886 49.806 49.721 49.836 49.721 49.671 49.711 49.859 50.039 50.140
EXISTING SURFACE LEVEL	50.108 50.108 50.108 50.108 50.108 50.107 50.114 50.115 50.116 50.135 50.137 50.140
OFFSET	-8.000 -7.950 -6.450 -4.050 -3.450 0.000 3.450 3.750 4.050 8.500 9.100 9.705

GUMTREE GROVE CH 168.06



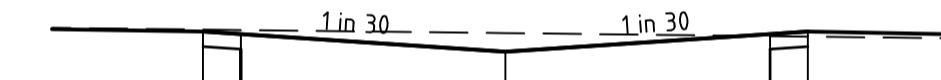
DATUM R.L.48.0	
DESIGN SURFACE LEVEL	49.877 49.860 49.744
EXISTING SURFACE LEVEL	49.963 49.960 49.941 49.921 49.918
OFFSET	-4.000 -3.500
	0.000
	3.500 4.000
	49.860 49.877

CLAY LANE CH 112.88



DATUM R.L.48.0	
DESIGN SURFACE LEVEL	49.970 49.953 49.836
EXISTING SURFACE LEVEL	50.035 50.032 49.989 49.953 49.970
OFFSET	-4.000 -3.500
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	3.500 4.000
	49.989 49.970

CLAY LANE CH 94.88



DATUM R.L.49.0	
DESIGN SURFACE LEVEL	50.072 50.056 49.939
EXISTING SURFACE LEVEL	50.085 50.082 50.062 50.042 50.056
OFFSET	-4.000 -3.500
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	50.039 50.072

CLAY LANE CH 76.88



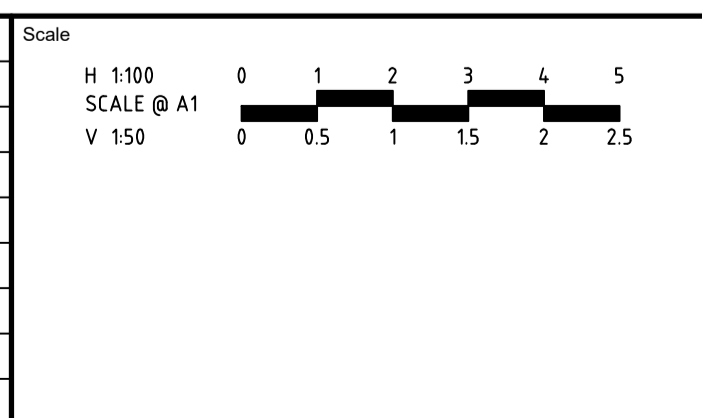
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DESIGN SURFACE LEVEL	50.249 50.233 50.116
EXISTING SURFACE LEVEL	50.135 50.132 50.112 50.092 50.233
OFFSET	-4.000 -3.500
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	3.500 4.000
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CLAY LANE CH 58.88

STRUCTURAL FILL IN ACCORDANCE WITH AS3798-2007, LEVEL 1

file name: 307018CR400.dwg; Input: rcmf\_CD03; created by: Brad Haynes; file location: \\spire\media\3\Data\307018\CD03\307018.dwg; plot date: 13/01/2021 3:20 PM; Sheet: 10 of 27 Sheets

0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	PARKING BAYS ADDED	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20
Rev	Amendments	Approved	Date



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

Designed  
A.CHARALAMBOUS

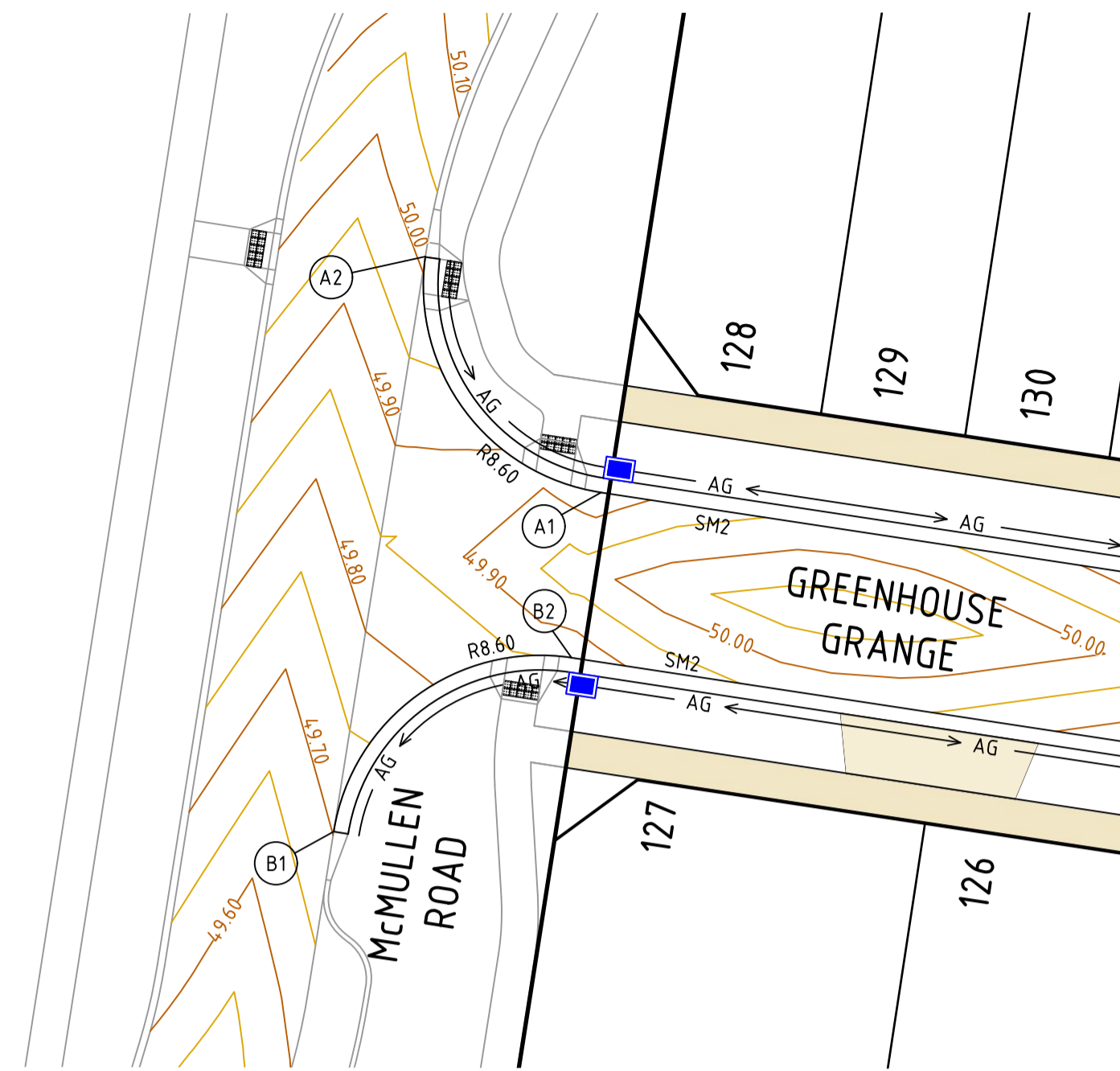
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B.MUGRIDGE

Authorised  
S.MURPHY

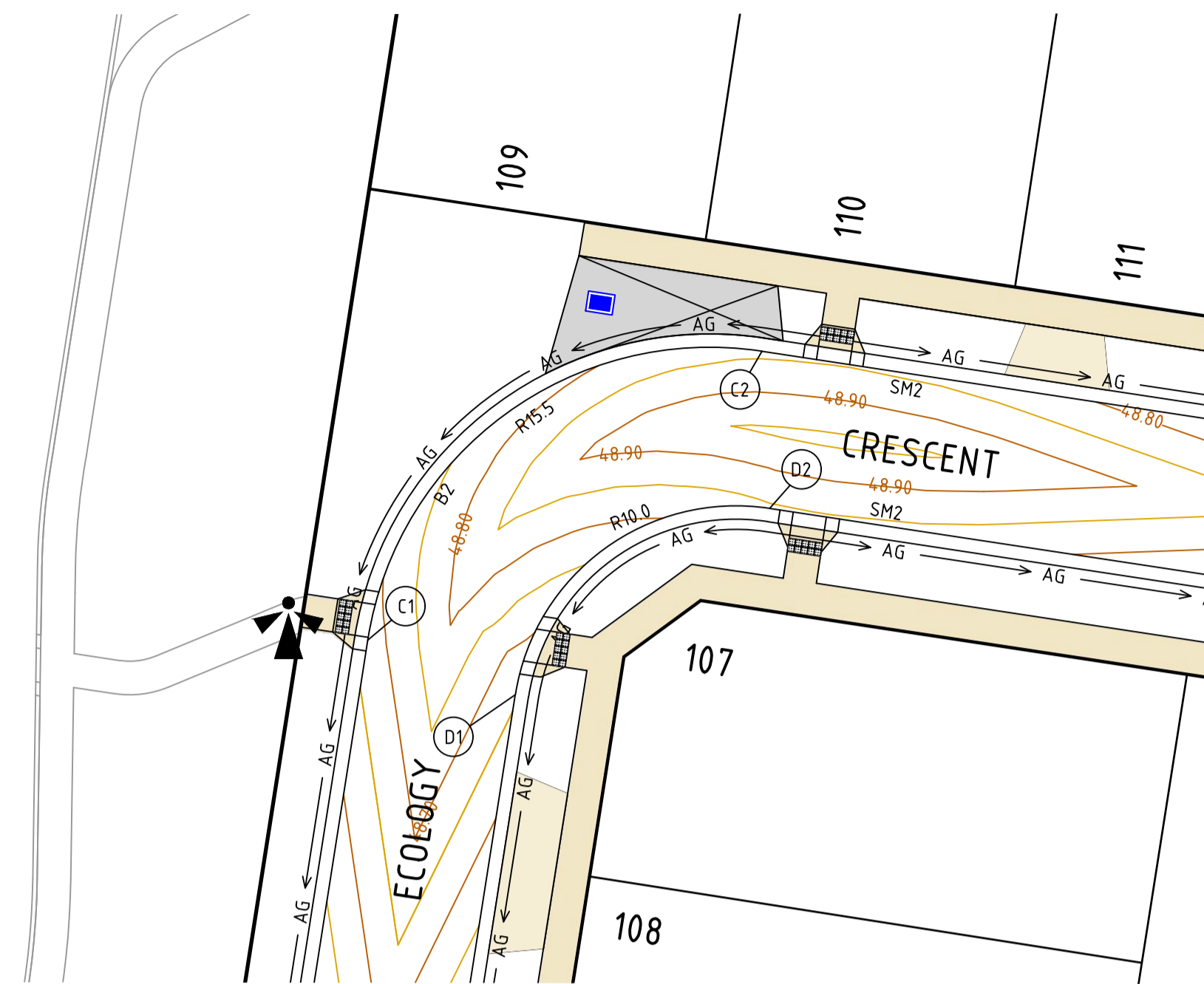
Date  
JUN 2020

**OFFICER FIELDS  
STAGE 1  
ROAD AND DRAINAGE  
ROAD CROSS SECTIONS - SHEET 4  
CARDINIA SHIRE COUNCIL  
YOURLAND**

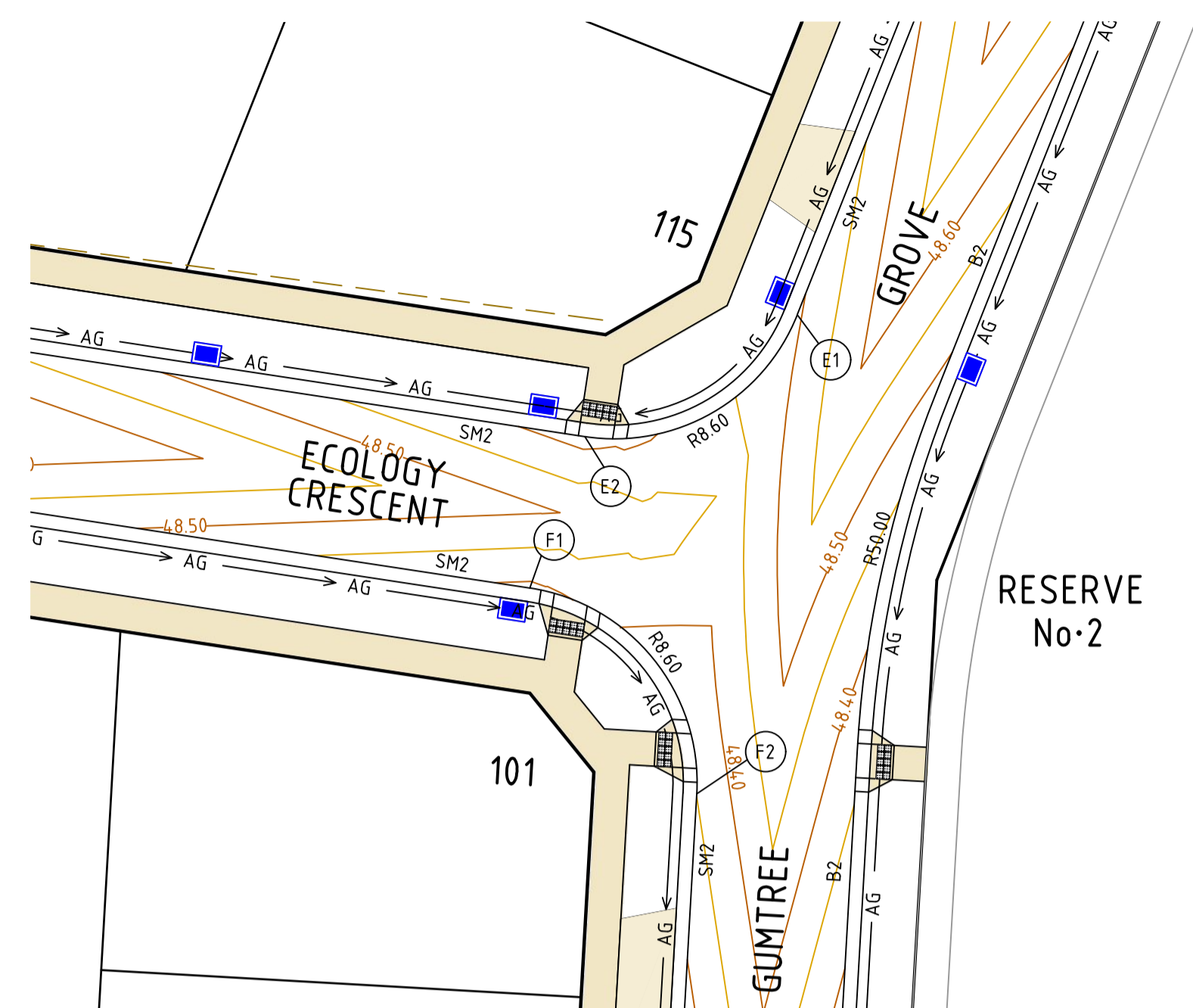
**CONSTRUCTION** Drg No 307018CR403 Rev 0



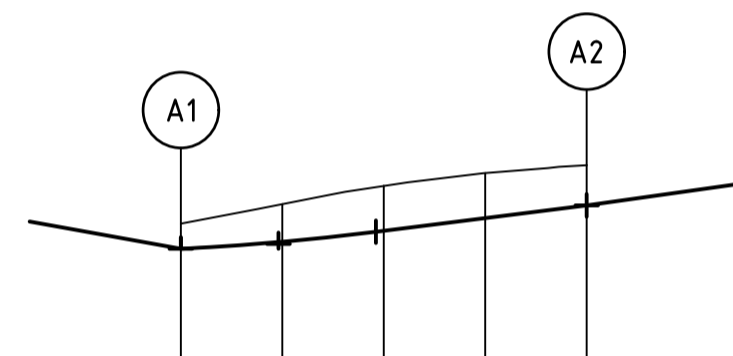
MCMULLEN ROAD AND GREENHOUSE GRANGE  
KERB RETURN A & B



ECOLOGY CRESCENT  
KERB RETURN C & D



ECOLOGY CRESCENT AND GUMTREE GROVE



VERTICAL GEOMETRY

DESIGN GRADELINE

DATUM RL 48.0

DESIGN LEVEL	49.866	49.889	49.925	49.967	50.009
CHAINAGE	0.000	3.355	6.710	10.066	13.421

ALIGNMENT A

POINT NO	EASTING	NORTHING	RL
A1	361543.443	5787220.651	49.866
1/4	361540.306	5787221.781	49.889
1/2	361537.835	5787224.019	49.925
3/4	361536.400	5787227.028	49.967
A2	361536.218	5787230.357	50.009

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
A1-A2	8.600	13.421	12.100	2.488	0.646

ALIGNMENT B

POINT NO	EASTING	NORTHING	RL
B1	361532.445	5787206.707	49.702
1/4	361533.601	5787209.841	49.742
1/2	361535.863	5787212.297	49.788
3/4	361538.892	5787213.707	49.831
B2	361542.228	5787213.856	49.863

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
B1-B2	8.600	13.446	12.118	2.497	0.649

ALIGNMENT C

POINT NO	EASTING	NORTHING	RL
C1	361532.637	5787129.814	48.672
1/4	361534.710	5787135.477	48.728
1/2	361538.788	5787139.920	48.772
3/4	361544.252	5787142.471	48.808
C2	361550.277	5787142.743	48.839

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
C1-C2	15.500	24.277	21.871	4.515	1.173

ALIGNMENT D

POINT NO	EASTING	NORTHING	RL
D1	361539.238	5787127.371	48.658
1/4	361540.576	5787131.024	48.713
1/2	361543.207	5787133.891	48.764
3/4	361546.732	5787135.536	48.811
D2	361550.619	5787135.712	48.843

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
D1-D2	10.000	15.663	14.110	2.913	0.7

ALIGNMENT E

POINT NO	EASTING	NORTHING	RL
E1	361639.821	5787135.883	48.493
1/4	361638.328	5787133.427	48.468
1/2	361636.109	5787131.601	48.434
3/4	361633.412	5787130.607	48.396
E2	361630.539	5787130.558	48.381

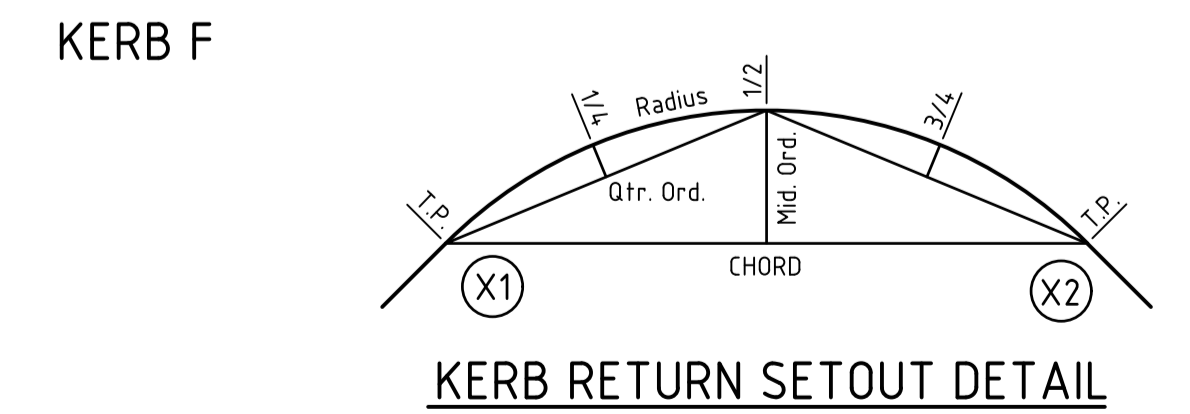
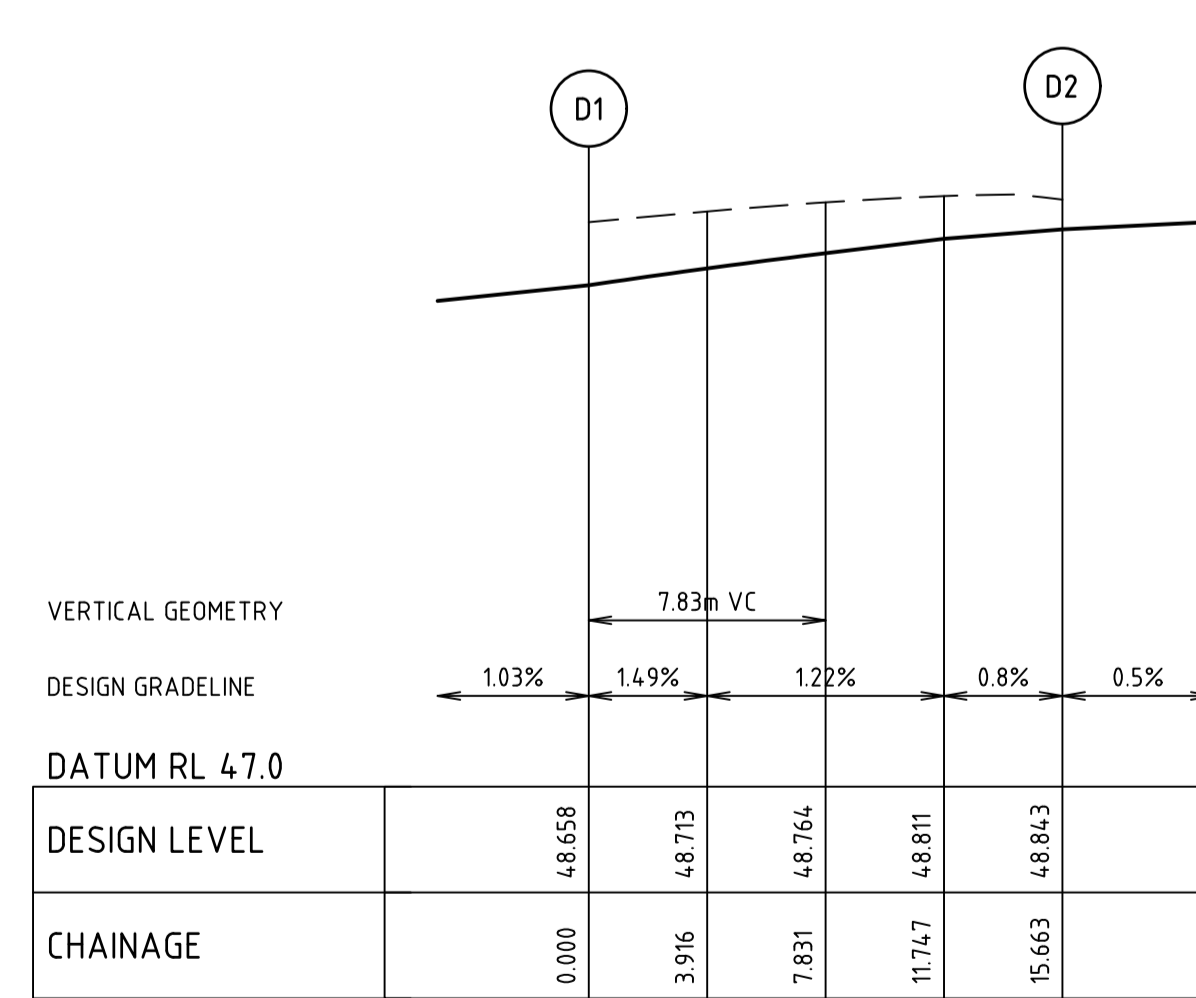
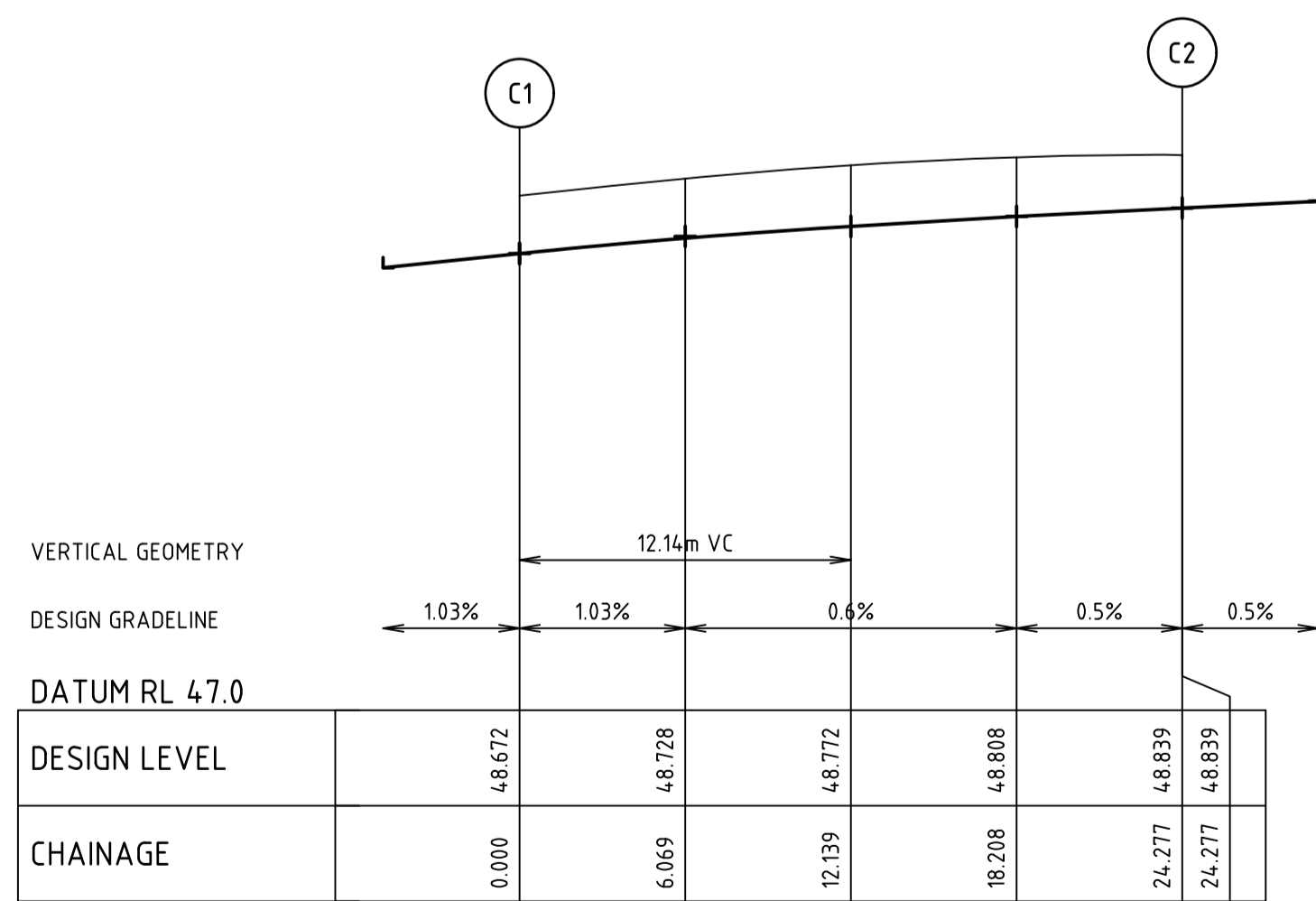
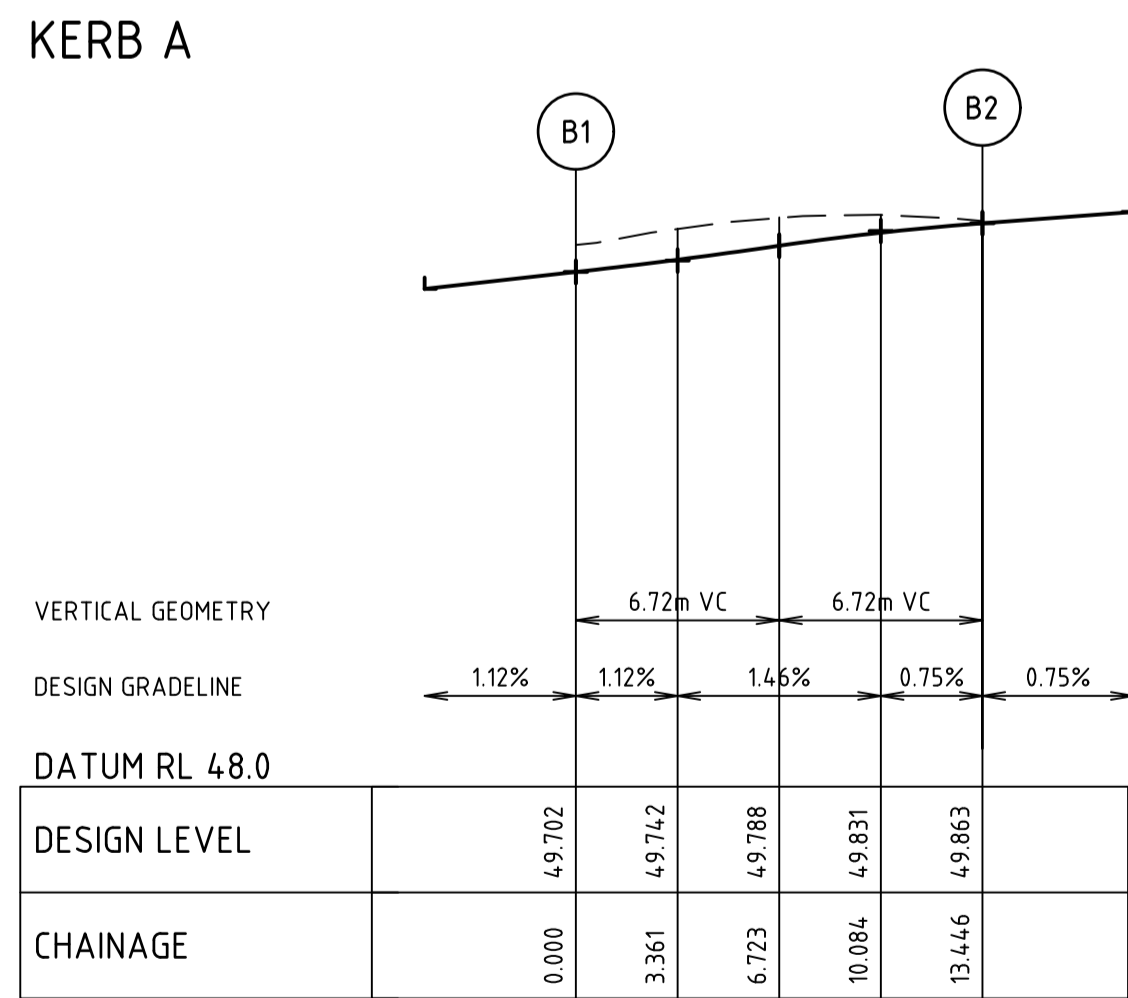
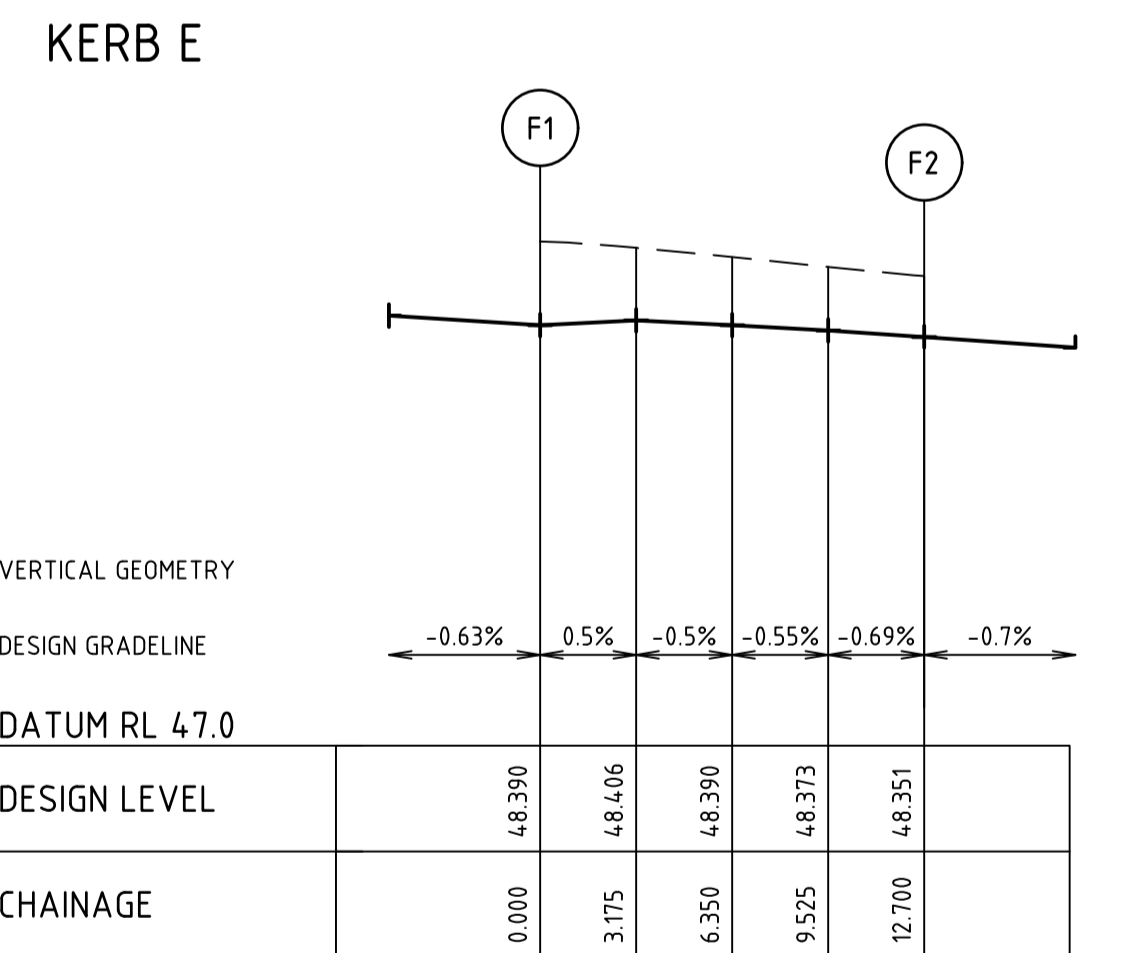
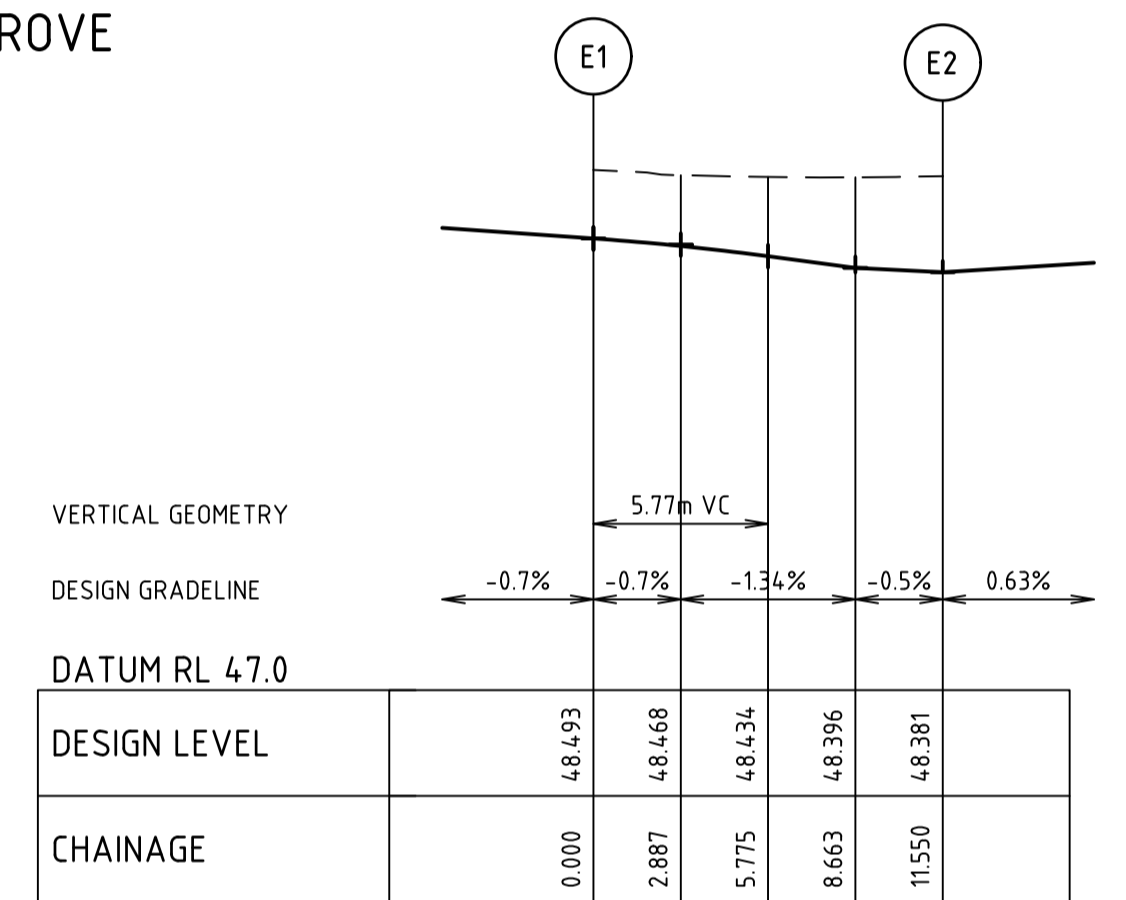
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
E1-E2	8.600	11.550	10.701	1.867	0.480

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL
F1	361628.129	5787123.944	48.390
1/4	361631.110	5787122.906	48.406
1/2	361633.516	5787120.861	48.390
3/4	361635.021	5787118.086	48.373
F2	361635.424	5787114.955	48.351

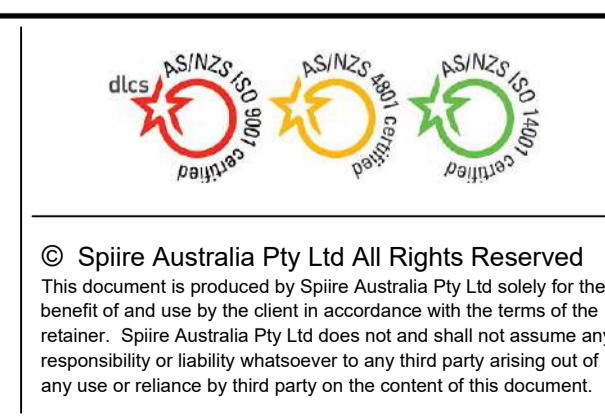
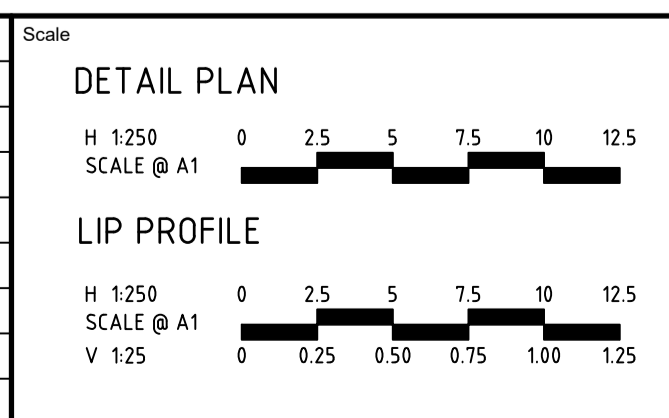
  

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
F1-F2	8.600	12.700	11.577	2.240	0.579



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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	ROAD NAME CHANGE	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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Designed  
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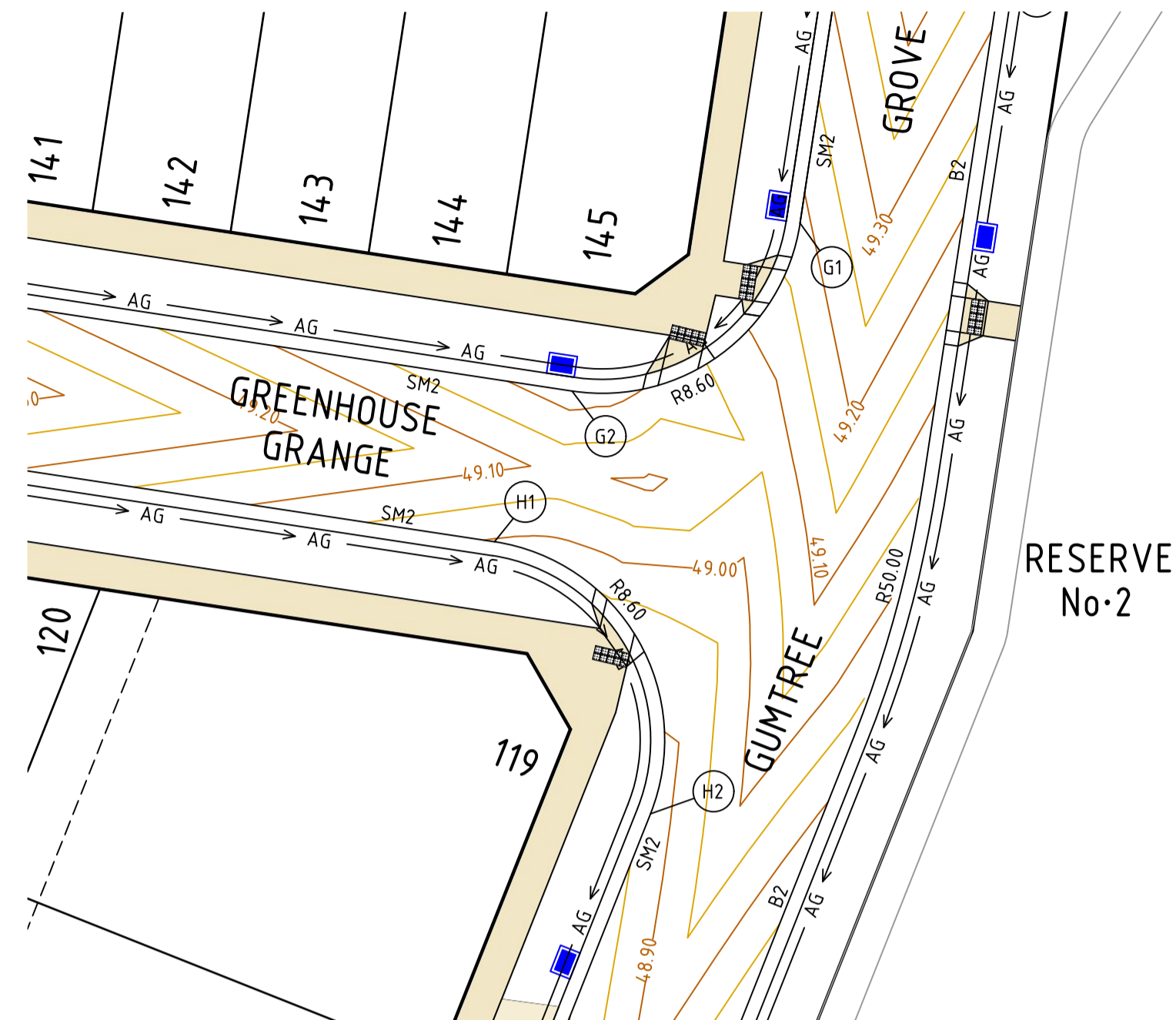
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**B.MUGRIDGE**

Authorised  
**S.MURPHY**

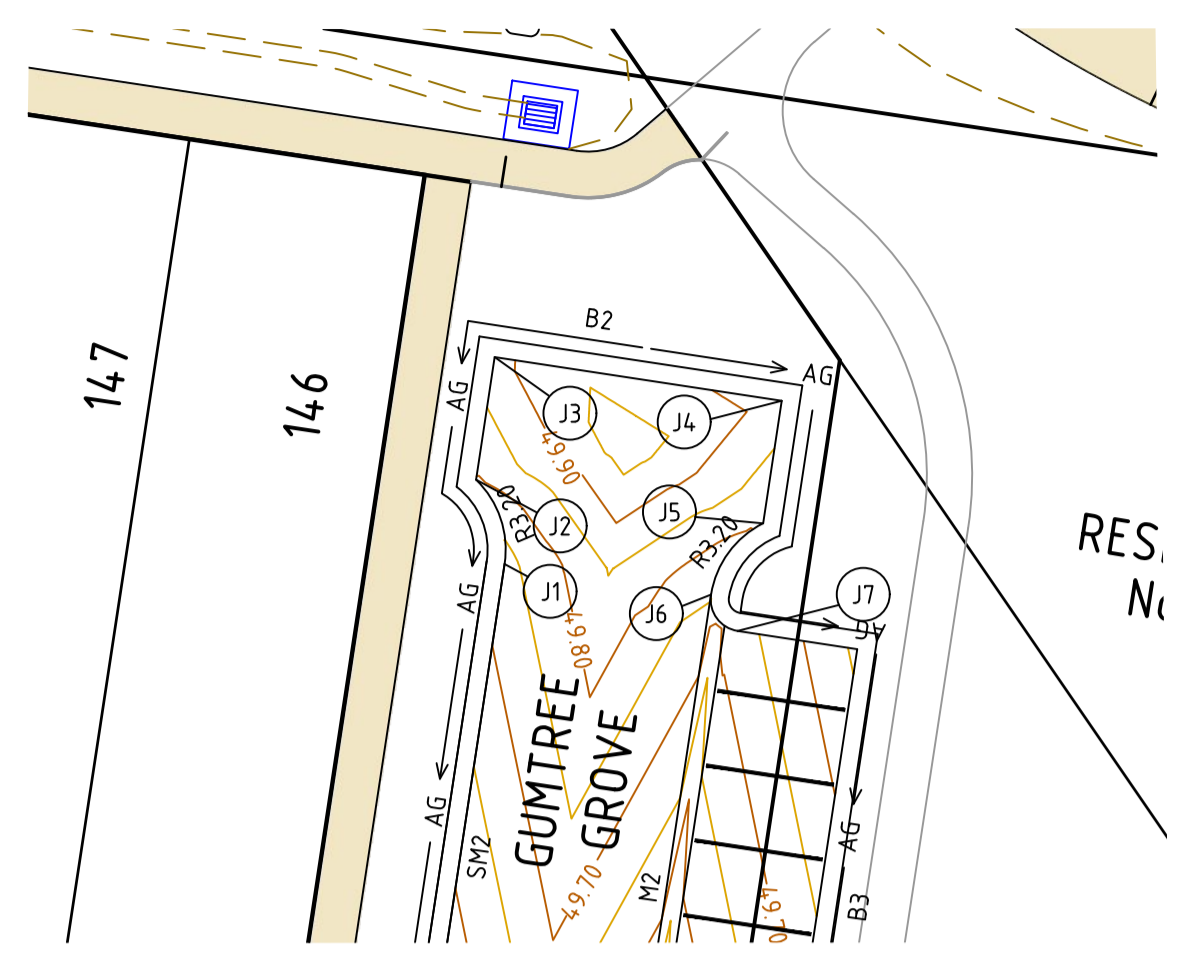
Date  
**JUN 2020**

**OFFICER FIELDS  
STAGE 1  
ROAD AND DRAINAGE  
INTERSECTION DETAILS - SHEET 1**  
CARDINIA SHIRE COUNCIL  
YOURLAND

**CONSTRUCTION** Drg No **307018CR500** Rev **0**



GREENHOUSE GRANGE AND GUMTREE GROVE  
KERB RETURN G & H



GUMTREE GROVE  
KERB RETURN J

ALIGNMENT G

POINT NO	EASTING	NORTHING	RL
G1	361665.930	5787210.754	49.184
1/4	361664.789	5787207.598	49.133
1/2	361662.527	5787205.120	49.066
3/4	361659.489	5787203.696	49.004
G2	361656.137	5787203.542	48.972

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
G1-G2	8.600	13.509	12.162	2.519	0.655

ALIGNMENT H

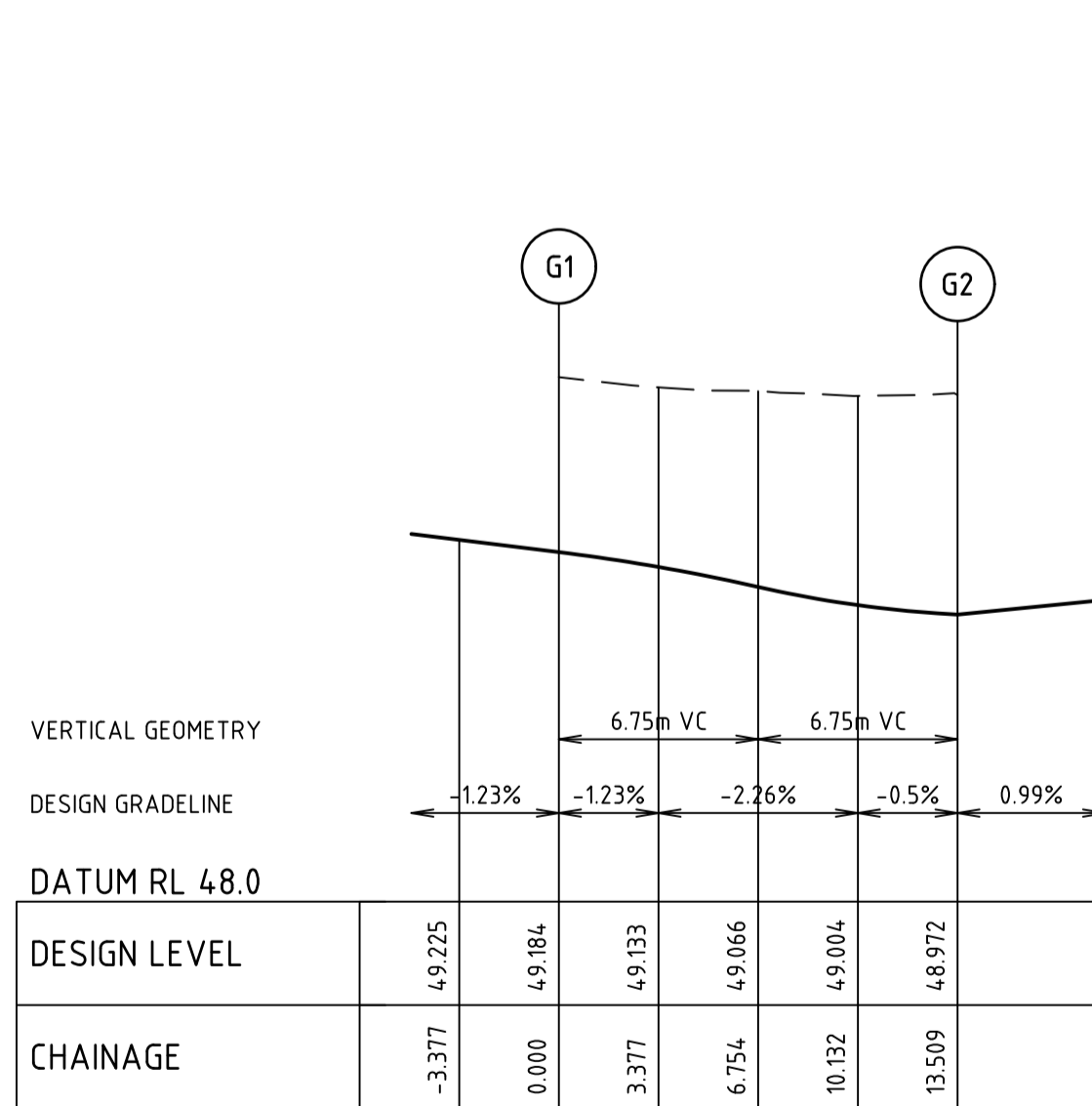
POINT NO	EASTING	NORTHING	RL
H1	361652.805	5787197.069	48.995
1/4	361656.372	5787195.663	48.960
1/2	361658.974	5787192.846	48.931
3/4	361660.092	5787189.178	48.902
H2	361659.506	5787185.389	48.869

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
H1-H2	8.600	15.468	13.466	3.249	0.855

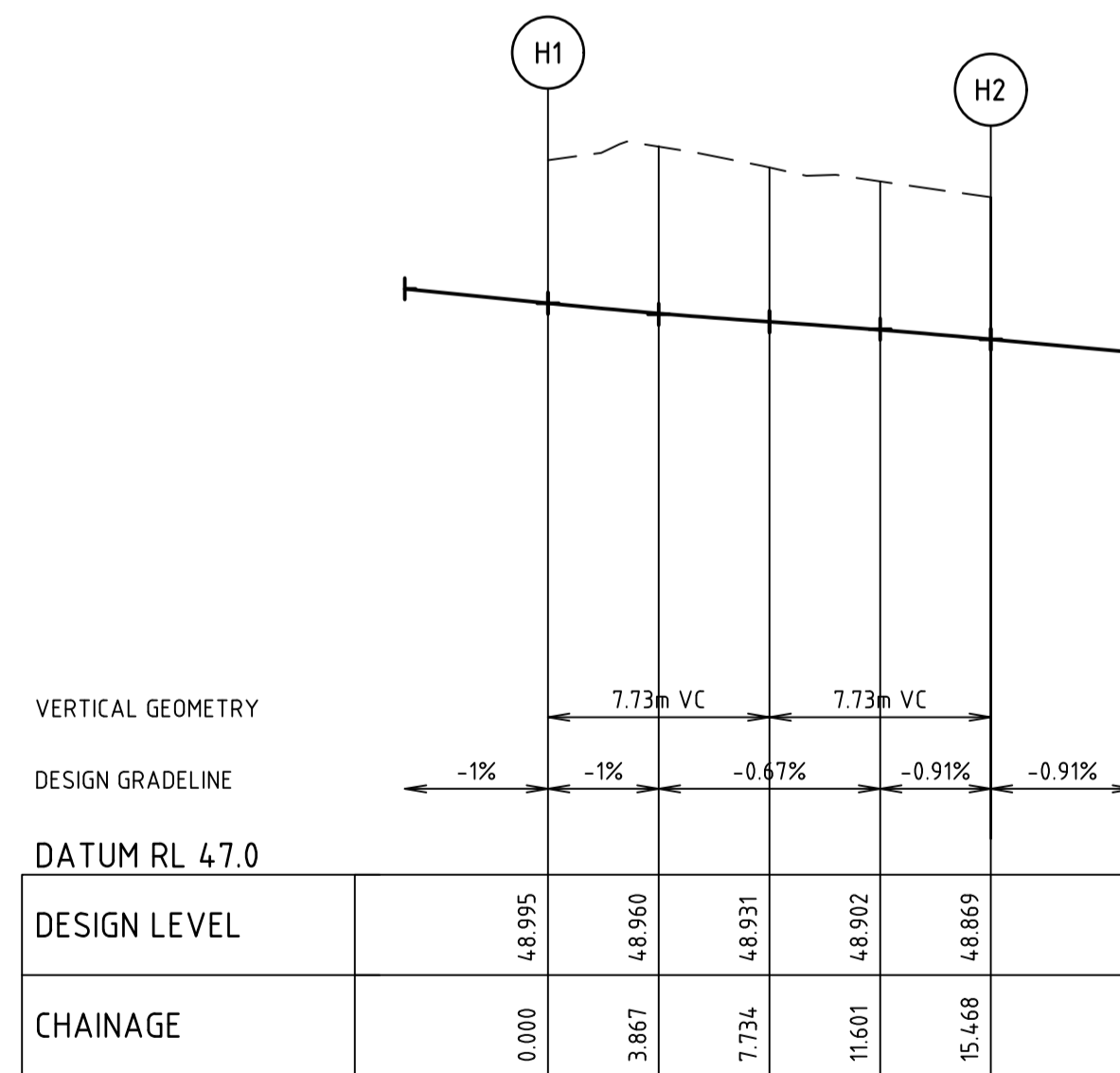
ALIGNMENT J

POINT NO	EASTING	NORTHING	RL
J1	361672.630	5787254.887	49.733
1/4	361672.654	5787255.648	49.749
1/2	361672.498	5787256.394	49.765
3/4	361672.169	5787257.081	49.781
J2	361671.688	5787257.671	49.798
J3	361672.303	5787261.725	49.886
J4	361681.794	5787260.284	49.878
J5	361681.179	5787256.230	49.807
1/4	361680.548	5787255.813	49.794
1/2	361680.033	5787255.260	49.781
3/4	361679.662	5787254.602	49.767
J6	361679.456	5787253.874	49.754
1/4	361679.472	5787253.463	49.747
1/2	361679.645	5787253.090	49.740
3/4	361679.949	5787252.811	49.733
J7	361680.335	5787252.671	49.726

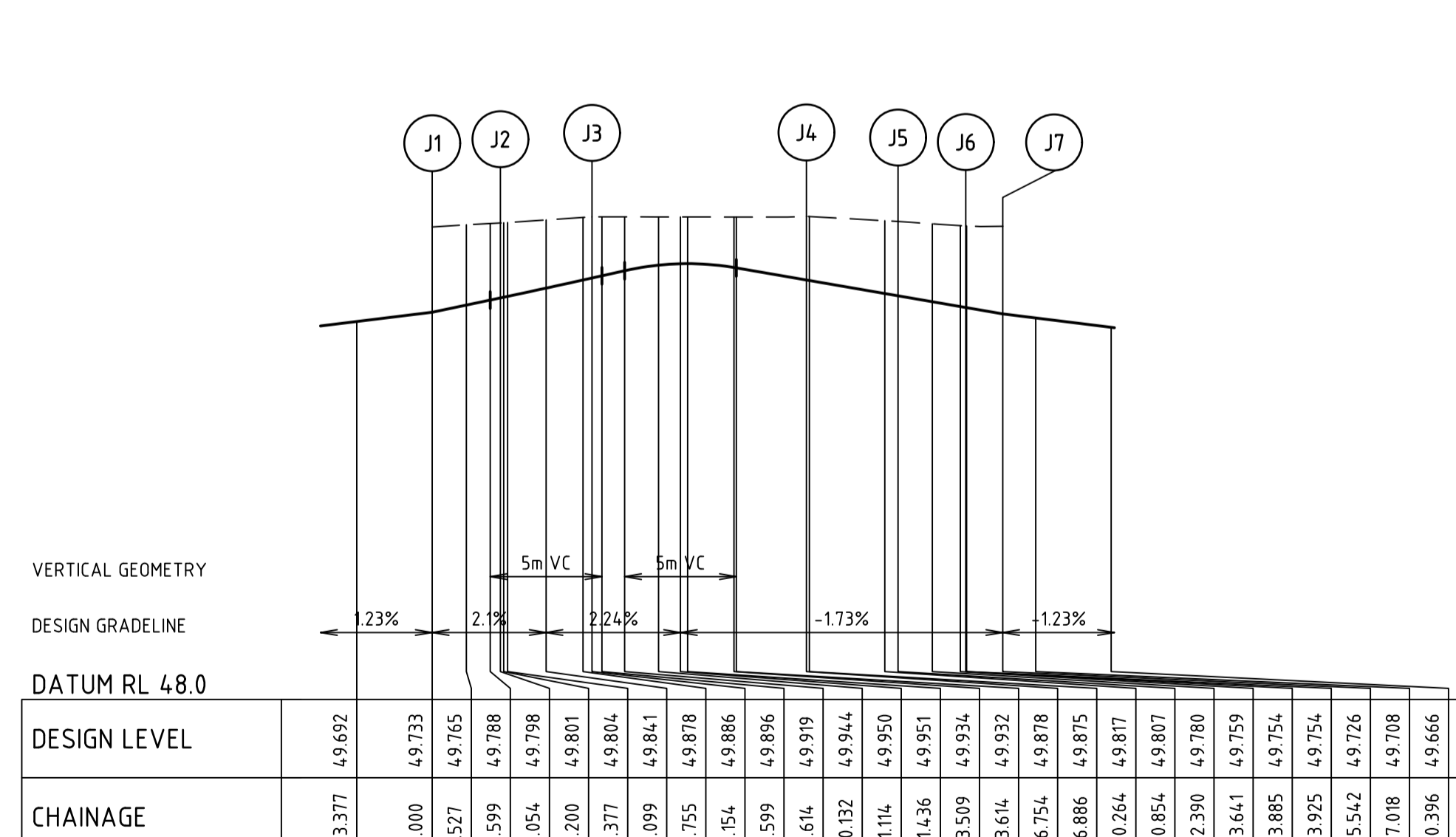
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
J1-J2	3.200	3.054	2.939	0.357	-0.091
J5-J6	3.200	3.031	2.919	0.352	-0.089
J6-J7	1.050	1.657	1.490	0.310	-0.081



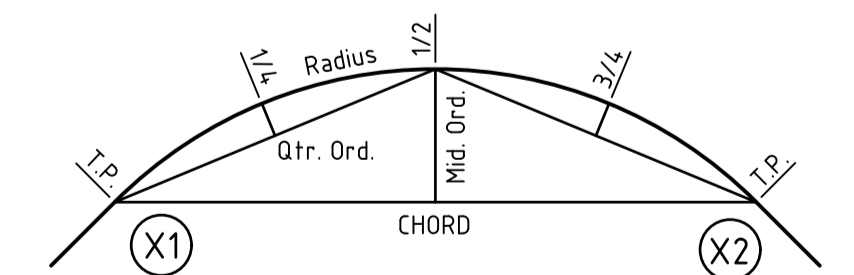
KERB G



KERB H



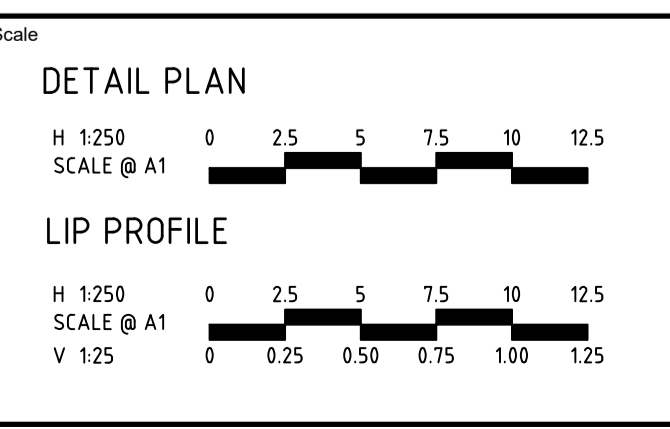
KERB J



KERB RETURN SETOUT DETAIL

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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	ALIGNMENT 'J' REVISED	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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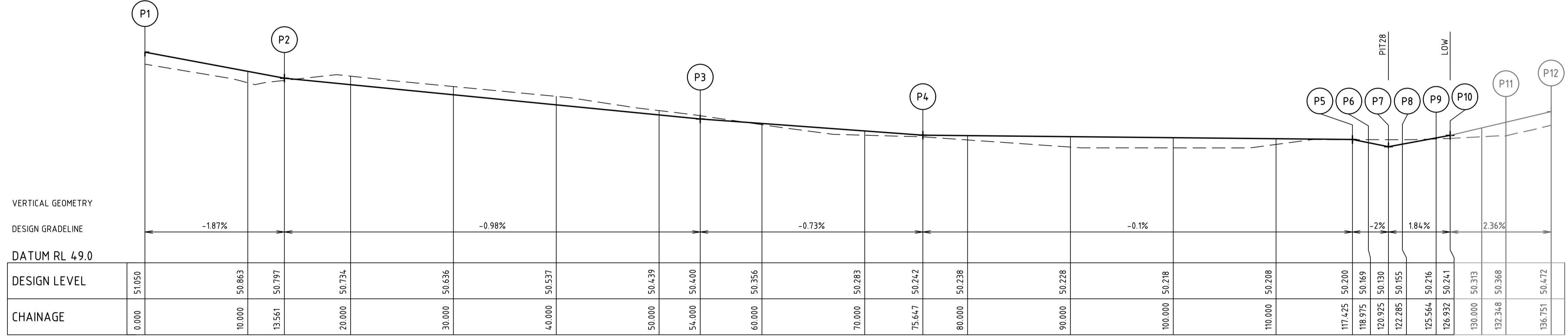
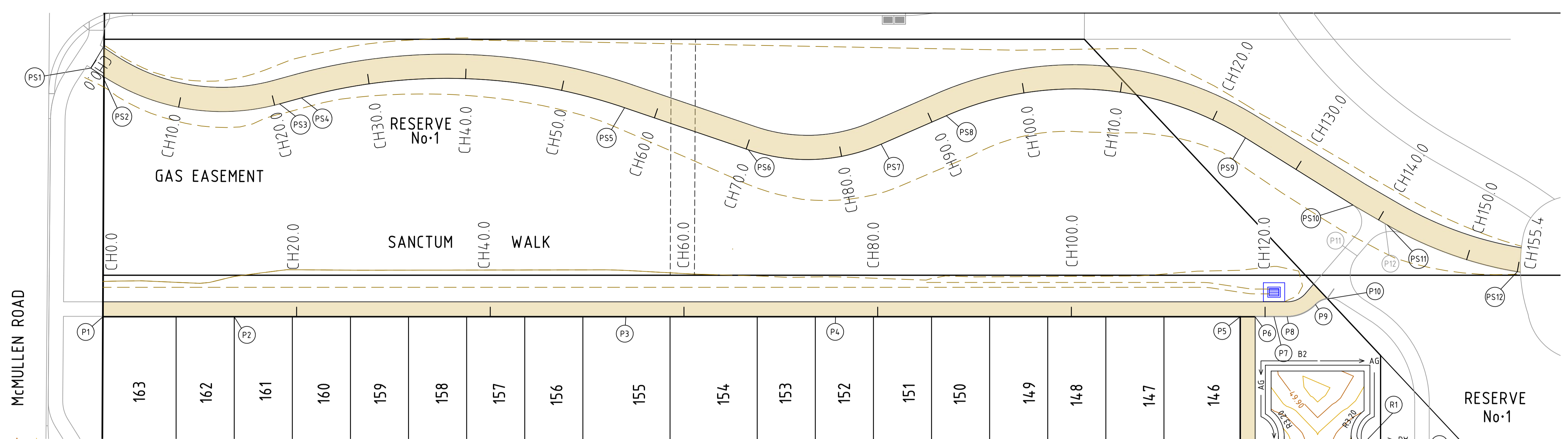
Designed  
**A.CHARALAMBOUS**  
Authorised  
**S.MURPHY**

Checked  
**B.MUGRIDGE**  
Date  
**JUN 2020**

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

**CONSTRUCTION** Drg No **307018CR501** Rev **0**

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**SANCTUM WALK ALIGNMENT P**

**ALIGNMENT PS**

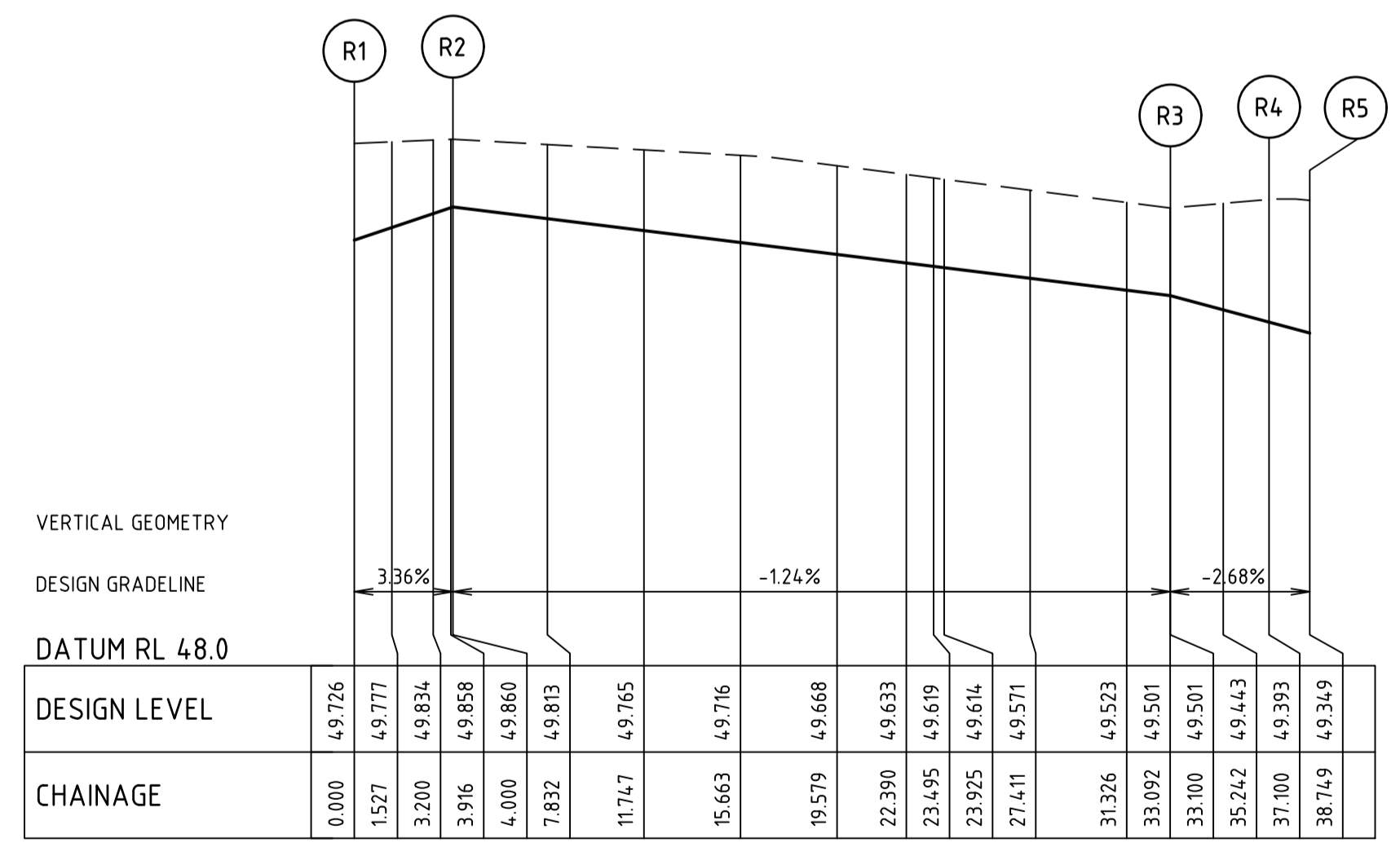
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PS 2	361557.575	5787310.009	51.232
1/4	361561.434	5787307.214	51.183
PS 3	361565.697	5787305.327	51.134
1/2	361565.796	5787305.295	51.133
3/4	361570.464	5787304.338	51.085
PS 4	361575.228	5787304.385	51.036
PS 5	361577.555	5787304.656	51.012
PS 6	361581.434	5787304.974	50.973
1/4	361586.008	5787305.008	50.947
PS 7	361593.326	5787304.295	50.907
1/2	361594.420	5787304.106	50.902
3/4	361602.605	5787301.968	50.863
PS 8	361610.384	5787298.642	50.824
PS 9	361622.362	5787292.432	50.763
1/4	361625.610	5787291.113	50.747
PS 10	361626.977	5787290.754	50.740
1/2	361629.046	5787290.412	50.739
3/4	361632.551	5787290.355	50.737
PS 11	361636.008	5787290.943	50.735
PS 12	361643.102	5787292.837	50.732
1/4	361651.061	5787293.955	50.727
1/2	361659.054	5787293.128	50.723
PS 13	361664.120	5787291.536	50.721
3/4	361666.615	5787290.404	50.718
PS 14	361673.300	5787285.944	50.690
PS 15	361683.235	5787277.409	50.584
PS 16	361686.427	5787274.850	50.536
1/4	361689.323	5787272.736	50.487
1/2	361692.396	5787270.889	50.433
3/4	361695.623	5787269.324	50.374
PS 17	361696.782	5787268.846	50.352
PS 18	361698.977	5787268.055	50.310

**ALIGNMENT P**

POINT NO	EASTING	NORTHING	RL
P1	361553.885	5787285.367	51.050
P2	361567.293	5787283.331	50.797
P3	361607.273	5787277.262	50.400
P4	361628.675	5787274.013	50.242
P5	361649.980	5787267.742	50.200
P6	361671.512	5787267.509	50.169
P7	361673.440	5787267.216	50.130
P8	361674.784	5787267.012	50.155
1/4	361675.602	5787266.972	50.170
1/2	361676.411	5787267.097	50.185
3/4	361677.178	5787267.381	50.200
P9	361677.873	5787267.815	50.216
1/4	361678.160	5787268.000	50.222
1/2	361678.475	5787268.131	50.228
3/4	361678.808	5787268.206	50.234
P10	361679.150	5787268.222	50.241
P11	361682.877	5787272.151	50.368
P12	361686.219	5787275.017	50.472

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
P8-P9	4.050	3.280	3.191	0.327	-0.083
P9-P10	1.950	1.368	1.340	0.119	0.030

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
PS 2-PS 4	22.500	19.096	18.528	1.996	-0.505
PS 5-PS 8	57.000	33.871	33.375	2.497	0.628
PS 9-PS 11	19.000	14.044	13.727	1.283	-0.323
PS 12-PS 14	33.200	32.225	30.975	3.834	0.973
PS 16-PS 18	40.000	14.348	14.271	0.642	-0.161



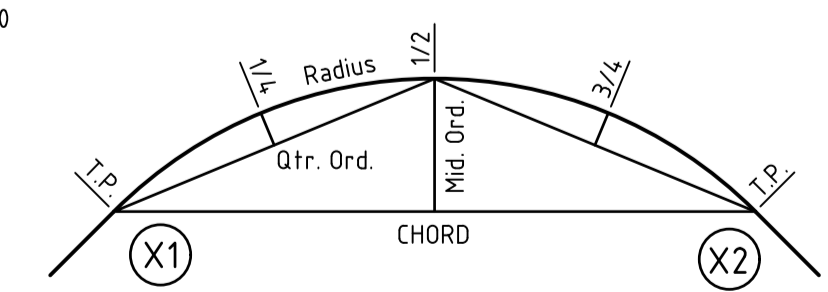
**PARKING KERB R**

**ALIGNMENT R**

POINT NO	EASTING	NORTHING	RL
R1	361680.335	5787252.671	49.726
R2	361684.290	5787252.071	49.860
R3	361679.922	5787223.300	49.501
R4	361675.967	5787223.901	49.393
1/4	361675.558	5787223.882	49.382
1/2	361675.187	5787223.708	49.371
3/4	361674.911	5787223.406	49.360
R5	361674.772	5787223.020	49.349

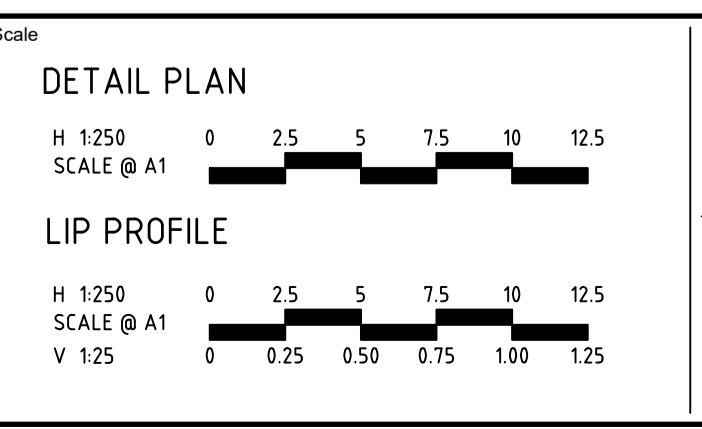
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
R4-R5	1.050	1.649	1.485	0.308	-0.080

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**KERB RETURN SETOUT DETAIL**

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
D	ALIGNMENT PS REVISED	SM	16/12/20
C	ROAD NAME, 2.5M PATH, CAR PARKING	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20

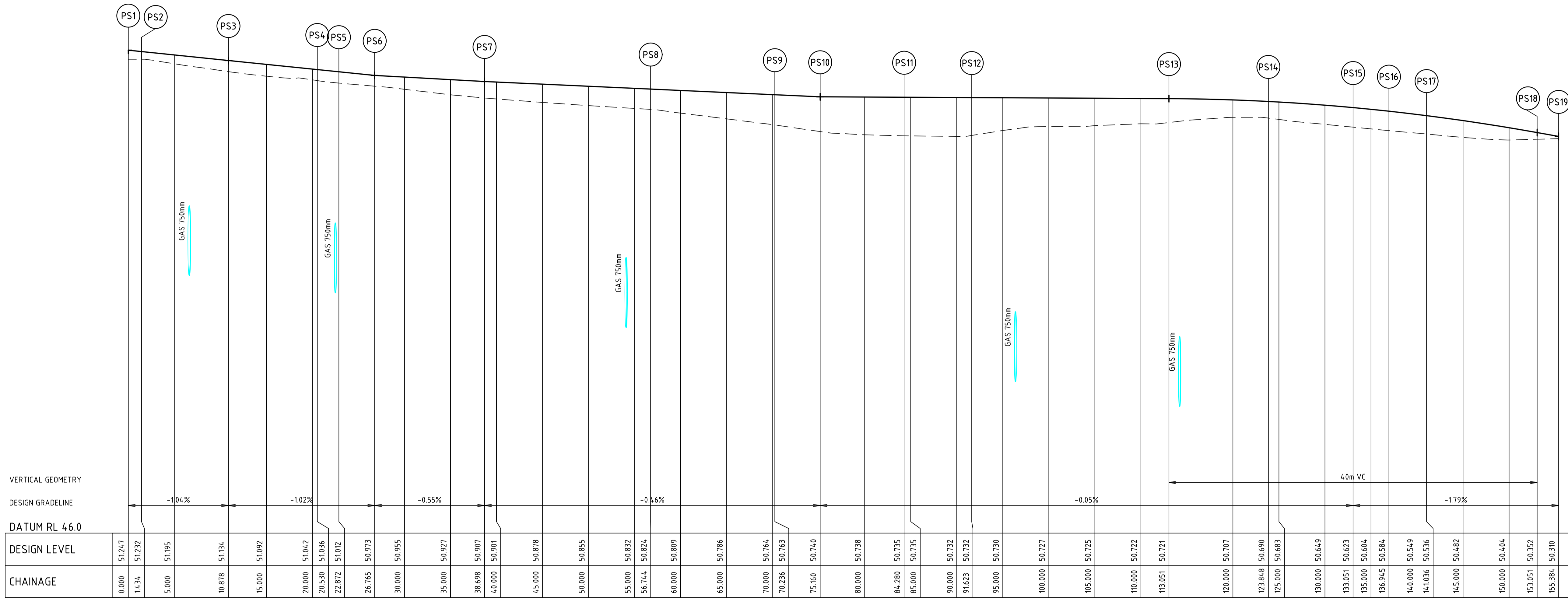


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**YourLand** Developments  
 Designed: A.CHARALAMBOUS  
 Authorised: S.MURPHY  
 Checked: B.MUGRIDGE  
 Date: JUN 2020

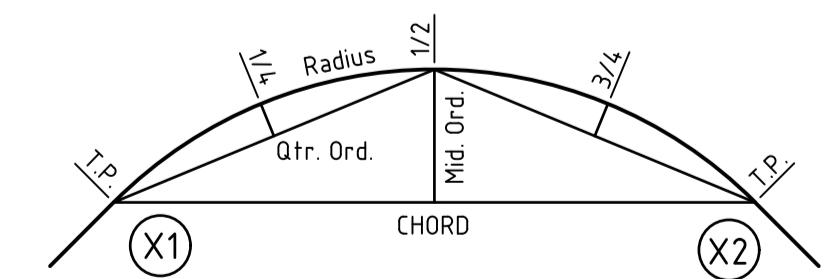
**OFFICER FIELDS**  
**STAGE 1**  
**ROAD AND DRAINAGE**  
**SANCTUM WALK, SWALE & SHARED PATH - SHEET 1 OF 4**  
 CARDINIA SHIRE COUNCIL  
 YOURLAND  
**CONSTRUCTION** Drg No: 307018CR502 Rev: 0

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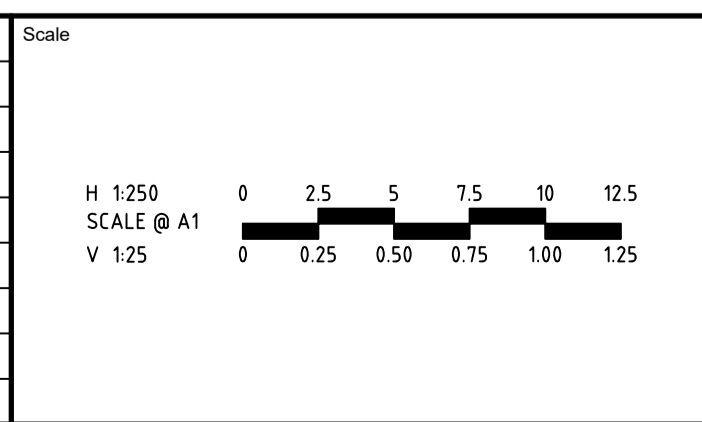
**GAS EASEMENT SHARED PATH PS**

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**KERB RETURN SETOUT DETAIL**

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
D	SHARED PATH AND SECTIONS REVISED	SM	16/12/20
C	REVISED PATH ALIGNMENT	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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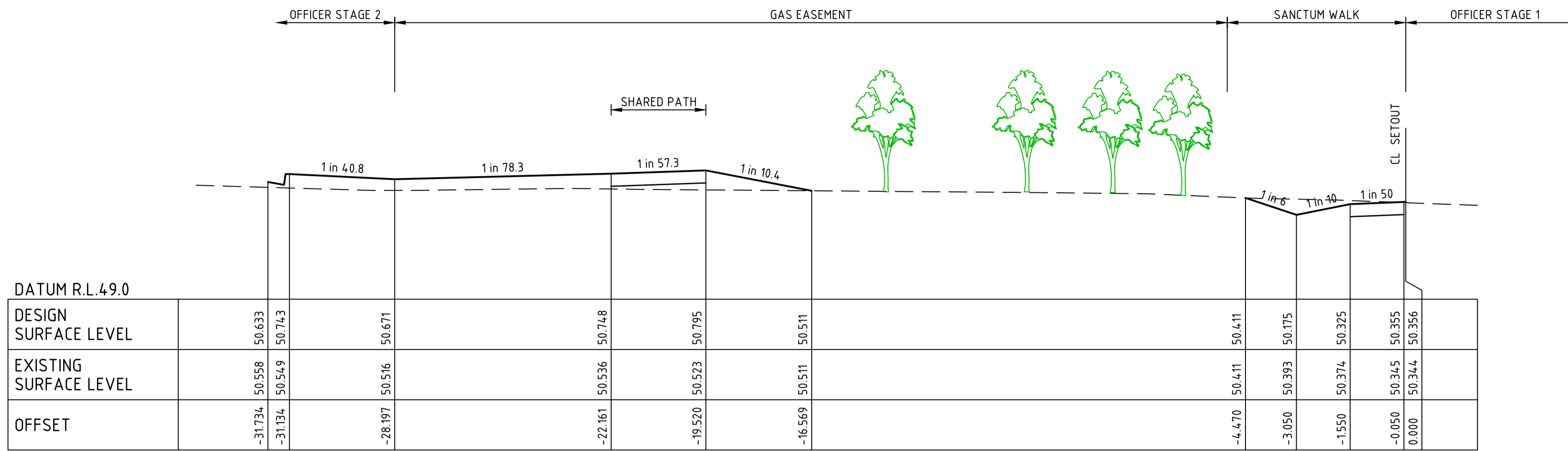
Checked  
**B.MUGRIDGE**

Authorised  
**S.MURPHY**

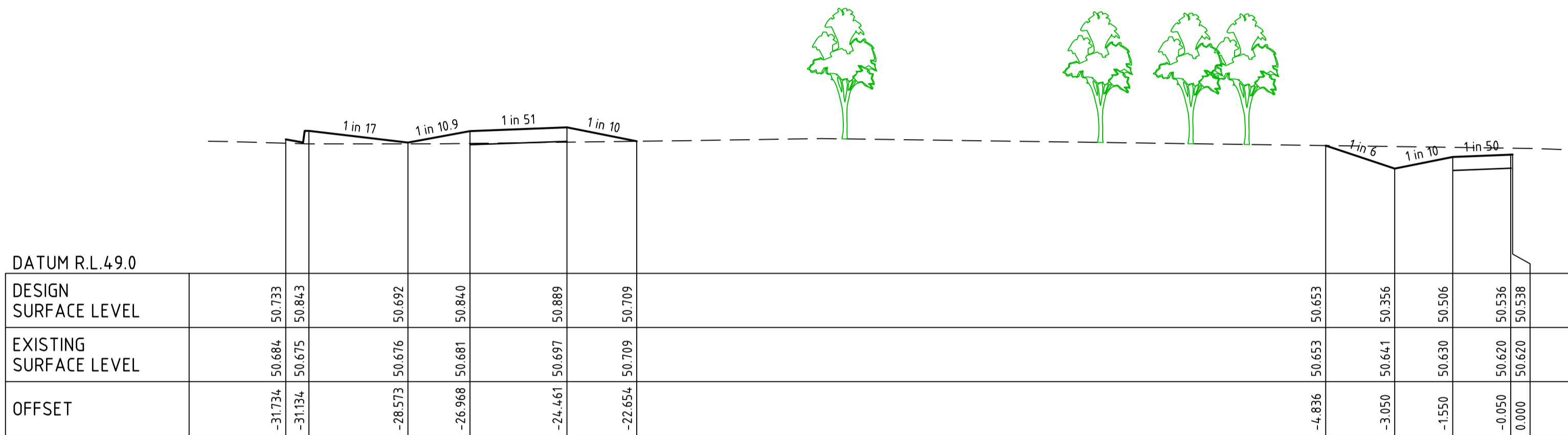
Date  
**JUN 2020**

**OFFICER FIELDS  
 STAGE 1  
 ROAD AND DRAINAGE  
 SANCTUM WALK, SWALE & SHARED PATH - SHEET 2 OF 4  
 CARDINIA SHIRE COUNCIL  
 YOURLAND**

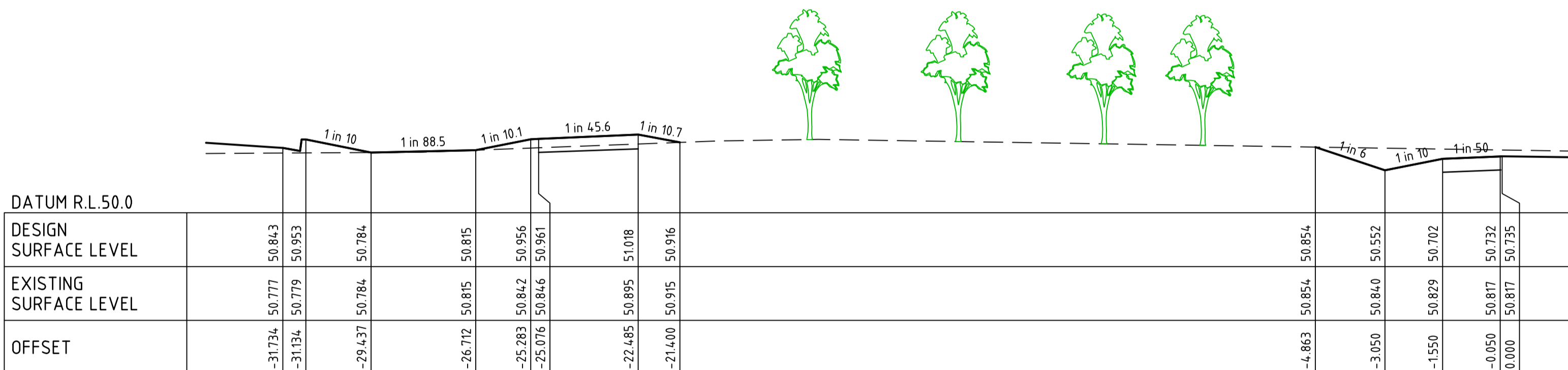
**CONSTRUCTION** Drg No **307018CR503** Rev **0**



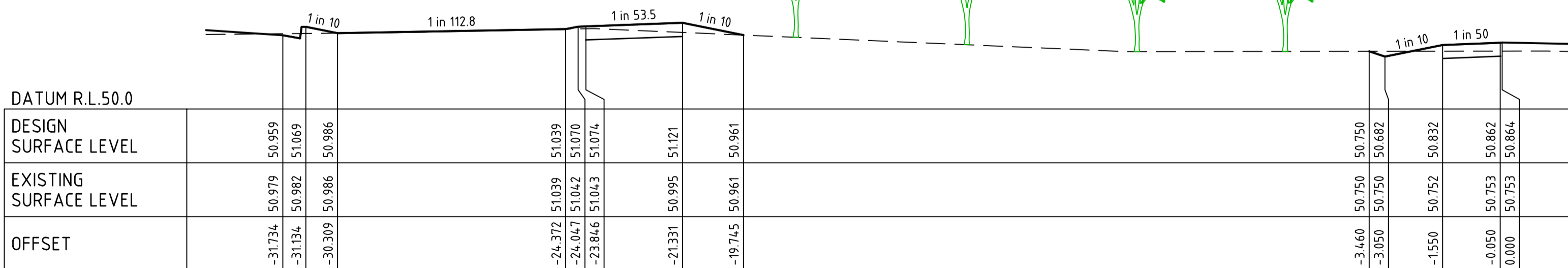
SANCTUM AND SHARED PATH CROSS SECTIONS CH 60.00



SANCTUM AND SHARED PATH CROSS SECTIONS CH 40.00



SANCTUM AND SHARED PATH CROSS SECTIONS CH 20.00

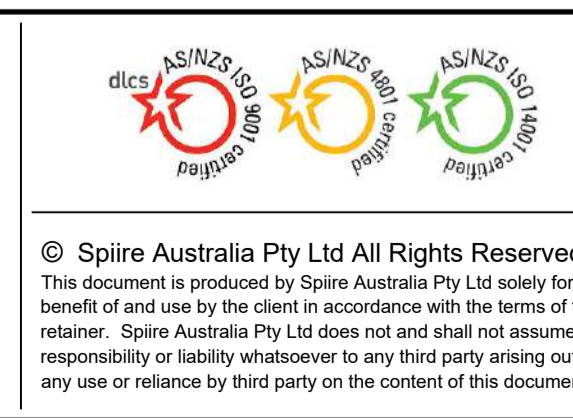
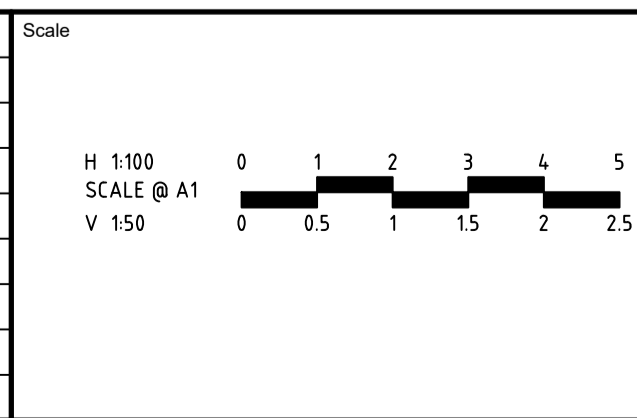


SANCTUM AND SHARED PATH CROSS SECTIONS CH 10.00

**!!! BEWARE !!!**  
 APA HIGH PRESSURE GAS TRANSMISSION LINE IN THE VICINITY OF THE WORKS. "NO GO" ZONE EXTENDS WITHIN THE APA GAS EASEMENT BOUNDARY. NO CONSTRUCTION OR ACCESS IS TO BE UNDERTAKEN WITHIN THE "NO GO" ZONE WITHOUT PRIOR APPROVAL FROM AN APA INFRASTRUCTURE PROTECTION OFFICER. APA MAY BE REQUIRED TO BE IN ATTENDANCE WHILST WORKS COMPLETED IN VICINITY OF APA INFRASTRUCTURE. APA OFFICERS CAN BE CONTACTED ON 1800 103 452 or APAProtection@apa.com.au

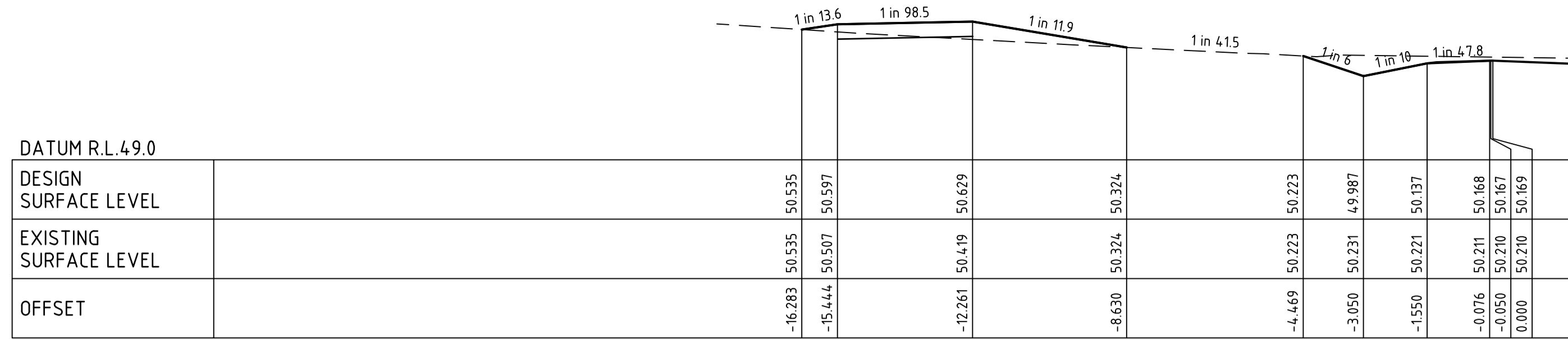
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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
B	SHARED PATH AND SECTIONS REVISED	SM	16/12/20
A	REVISED PATH AND SWALE ALIGNMENT	SM	16/10/20

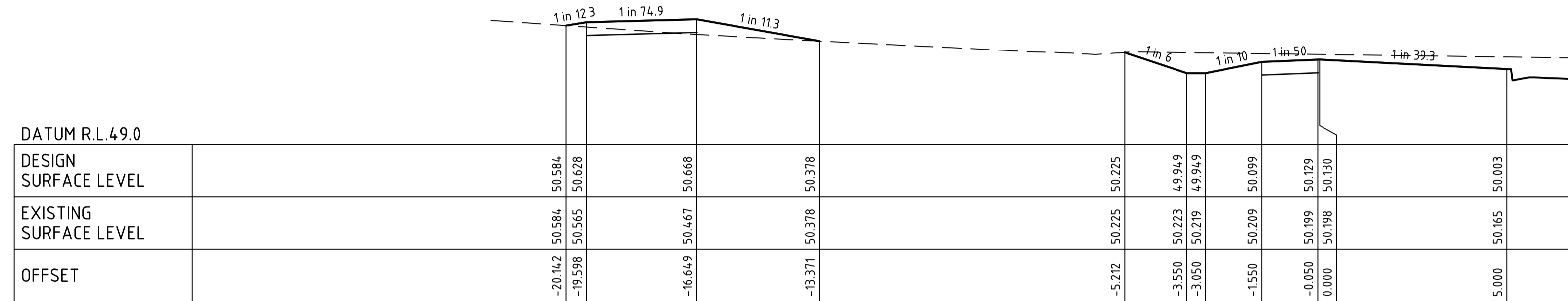


**OFFICER FIELDS STAGE 1**  
 ROAD AND DRAINAGE  
 SANCTUM WALK, SWALE & SHARED PATH - SHEET 3 OF 4  
 CARDINIA SHIRE COUNCIL  
 YOURLAND

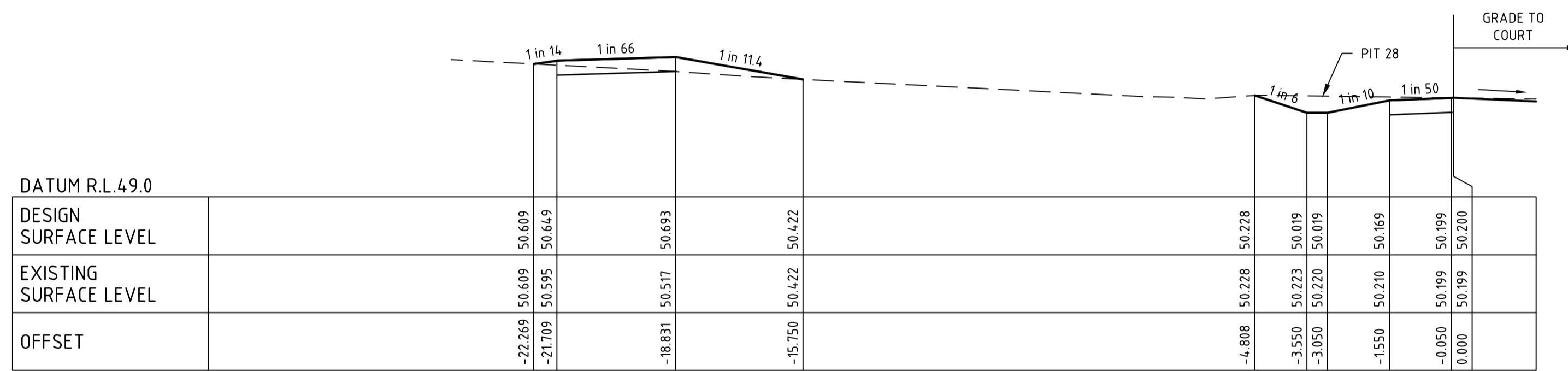
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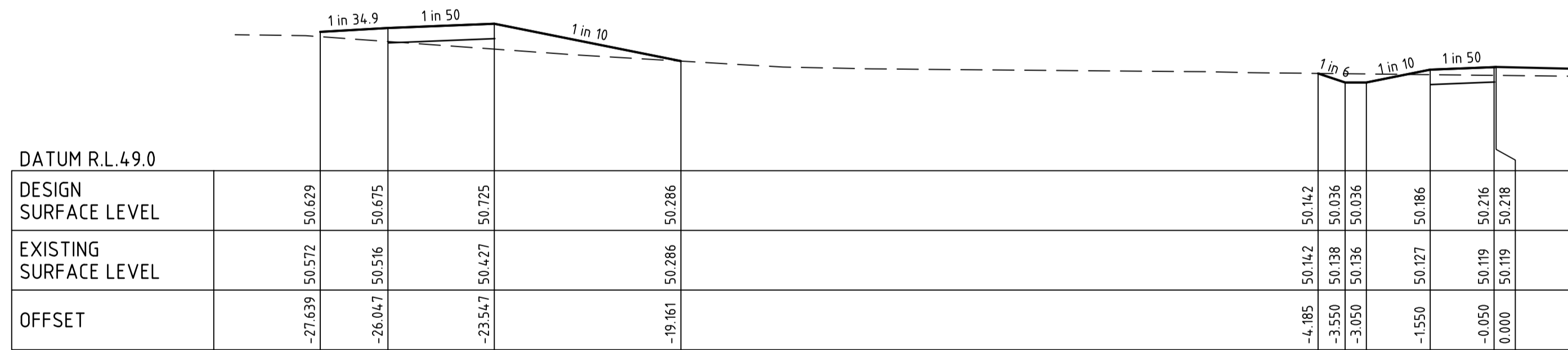
SANCTUM AND SHARED PATH CROSS SECTIONS CH 126.93



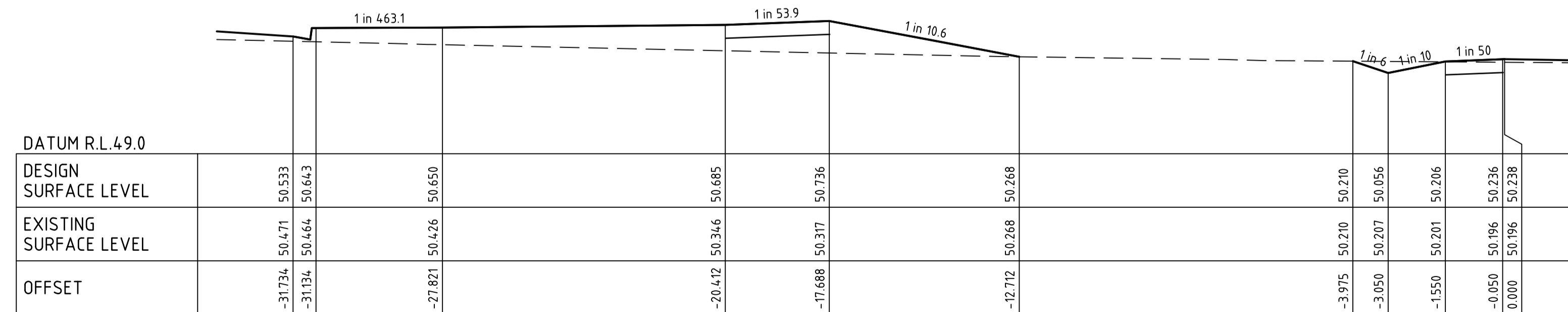
SANCTUM AND SHARED PATH CROSS SECTIONS CH 120.93( LIMIT OF WORKS)



SANCTUM AND SHARED PATH CROSS SECTIONS CH 117.43



SANCTUM AND SHARED PATH CROSS SECTIONS CH 100.00

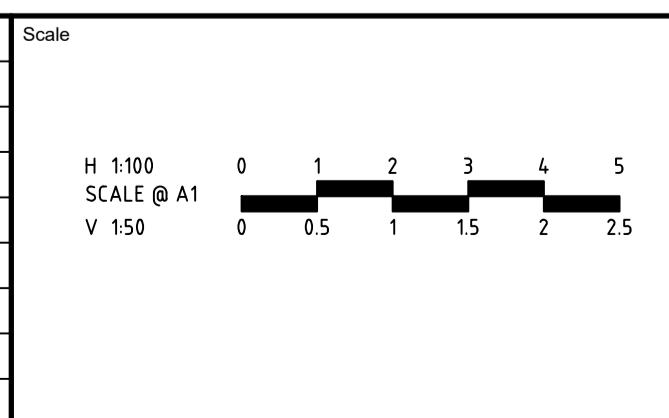


SANCTUM AND SHARED PATH CROSS SECTIONS CH 80.00

**!!! BEWARE !!!**  
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file name: 307018CR505.dwg layout name: CSE05E plotted by: Brad Hays file location: E:\307018CR505\16.dwg plot date: 12/07/2024 3:22 PM Sheet: 16 of 27 Sheets

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
B	SHARED PATH AND CROSS SECTIONS REVISED	SM	16/12/20
A	REVISED PATH AND SWALE ALIGNMENT	SM	16/10/20



**YourLand** Developments

Designed  
 A.CHARALAMBOUS

Checked  
 B.MUGRIDGE

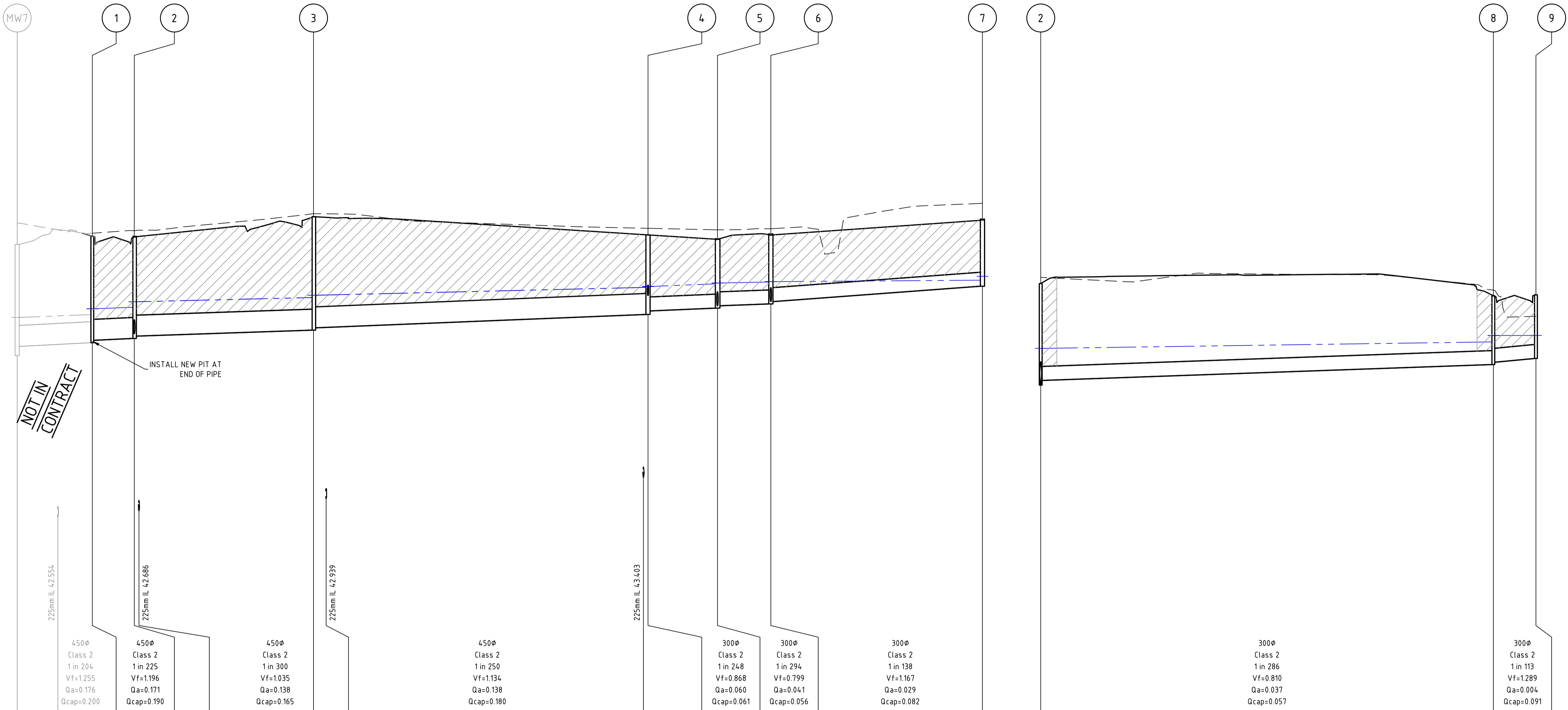
Authorised  
 S.MURPHY

Date  
 JUN 2020

**OFFICER FIELDS  
 STAGE 1  
 ROAD AND DRAINAGE  
 SANCTUM WALK, SWALE & SHARED PATH - SHEET 4 OF 4  
 CARDINIA SHIRE COUNCIL  
 YOURLAND**

**CONSTRUCTION** Drg No 307018CR505 Rev 0

 CRUSHED ROCK BACKFILL

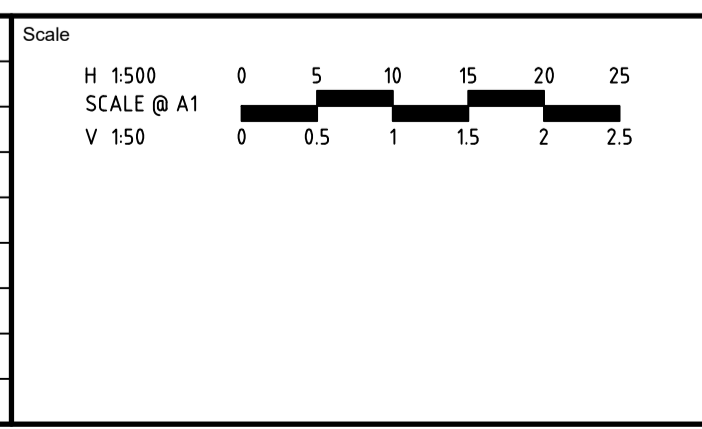


Pipe Diameter	450φ	450φ	450φ	450φ	300φ	300φ	300φ	300φ	300φ
Pipe Class	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Pipe Grade	1 in 204	1 in 225	1 in 300	1 in 250	1 in 248	1 in 294	1 in 138	1 in 286	1 in 113
Velocity (m/s)	Vf=1.255	Vf=1.196	Vf=1.035	Vf=1.134	Vf=0.868	Vf=0.799	Vf=1.167	Vf=0.810	Vf=1.289
Pipe Flow (m <sup>3</sup> /s)	Qa=0.176	Qa=0.171	Qa=0.138	Qa=0.138	Qa=0.060	Qa=0.041	Qa=0.029	Qa=0.037	Qa=0.004
Pipe Capacity (m <sup>3</sup> /s)	Qcap=0.200	Qcap=0.190	Qcap=0.165	Qcap=0.180	Qcap=0.061	Qcap=0.056	Qcap=0.082	Qcap=0.057	Qcap=0.091

DATUM RL	38.00										39.00									
DEPTH TO INVERT	2.384	2.385	2.281	2.230	2.177	2.127	2.134	2.384	4.618	1.705	1.630	1.476	1.425	1.477	1.427	1.422	1.476	1.426	1.385	
DESIGN INVERT LEVEL	46.011	46.210	46.289	46.340	46.380	46.430	46.558	46.608	46.607	47.475	46.895	47.705	47.551	47.030	47.120	47.500	46.820	46.870	46.951	
HYDRAULIC GRADE LEVEL	46.830	46.253	46.891	47.016	47.049	47.167	47.257	47.306	46.607	47.475	47.494	47.569	47.551	47.590	47.598	47.629	47.306	47.443	47.444	
FINISHED SURFACE LEVEL	46.395	46.395	46.570	46.557	46.557	46.557	46.992	47.055	46.992	48.600	48.742	48.506	48.506	48.597	48.731	48.922	48.296	48.416	48.316	
EXISTING SURFACE LEVEL	46.855	46.855	46.636	46.689	46.689	46.689	46.992	49.055	48.992	48.742	48.742	48.709	48.709	48.731	48.731	48.922	48.296	48.416	48.316	
CHAINAGE	-15.727	-7.000	0.401	9.401	10.401	10.401	47.862	50.562	50.562	119.627	134.529	134.529	145.984	145.984	191.388	191.388	97.122	106.260	106.260	
	L=16.128m		L=9.000m		L=38.461m		L=71.765m		L=118.651		L=14.901m		L=114.55m		L=45.404m		L=9.138m		L=97.122m	

file name: 307018CR600.dwg | layout name: CR600 | plotted by: Brad Hays | file location: P:\307018CR600\101\101.dwg | plot date: 13/07/2024 3:22 PM | Sheet 11 of 27 Sheets

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	REVISED LONG SECTION	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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**YourLand** Developments

Designed  
A.CHARALAMBOUS

Checked  
B.MUGRIDGE

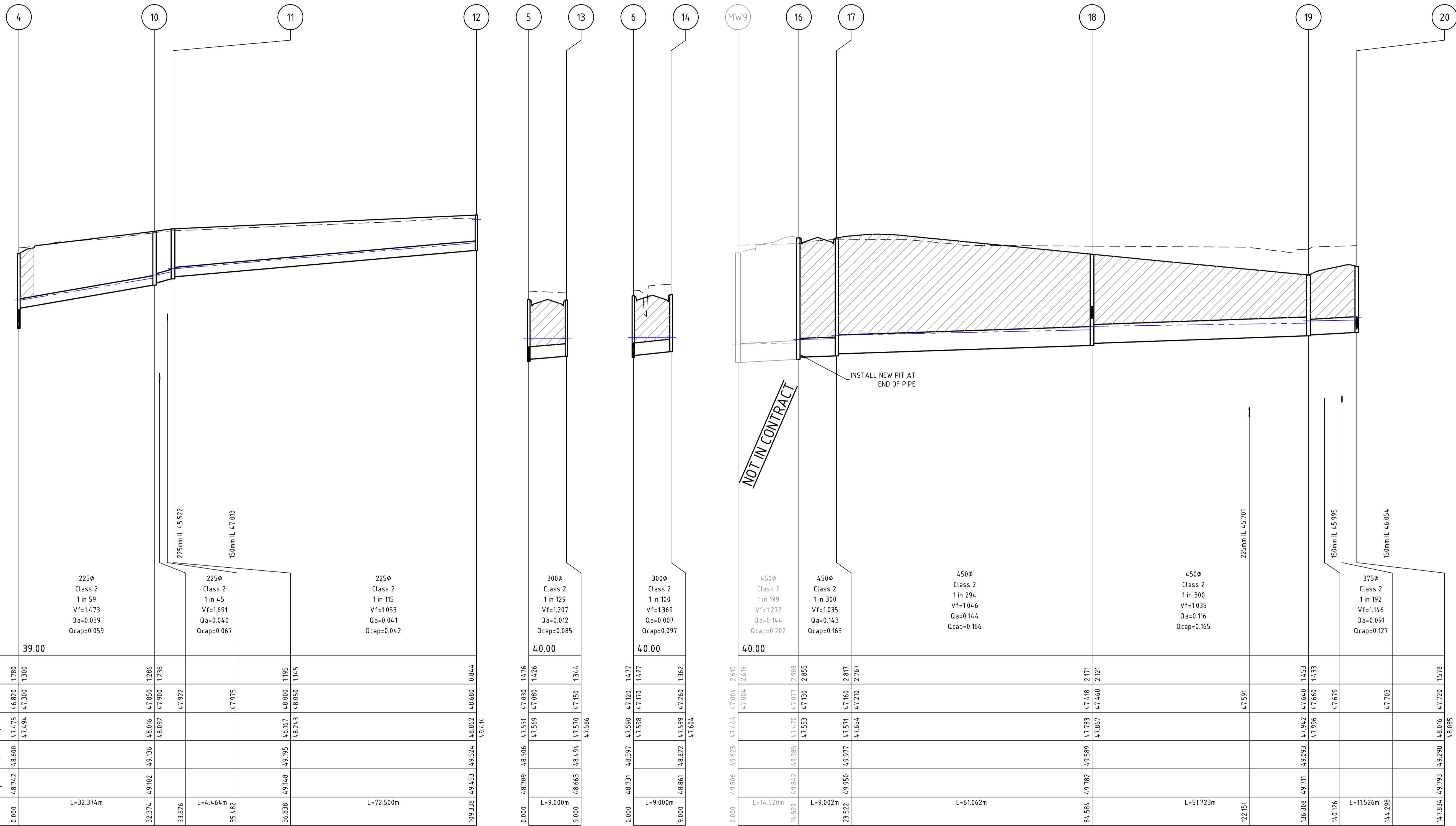
Authorised  
S.MURPHY

Date  
JUN 2020

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

**CONSTRUCTION** Drg No: 307018CR600 Rev: 0

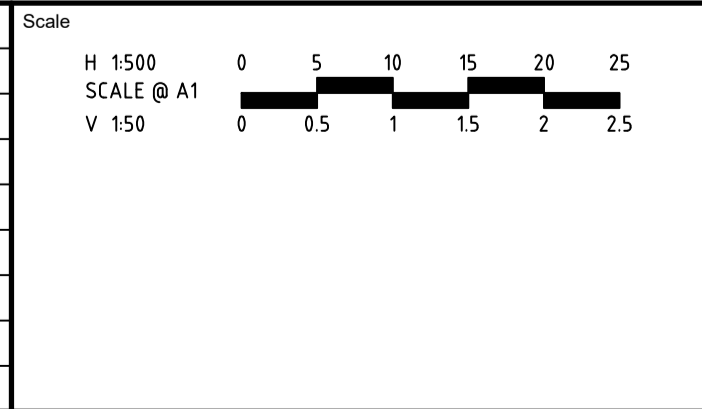
 CRUSHED ROCK BACKFILL



Station	4	10	11	12	5	13	6	14	MW9	16	17	18	19	20						
Pipe Diameter	225φ			225φ			300φ			450φ		450φ		375φ						
Pipe Class	Class 2			Class 2			Class 2			Class 2		Class 2		Class 2						
Pipe Grade	1 in 59			1 in 45			1 in 100			1 in 199		1 in 294		1 in 192						
Velocity (m/s)	Vf=1.473			Vf=1.691			Vf=1.207			Vf=1.272		Vf=1.035		Vf=1.146						
Pipe Flow (m3/s)	Qa=0.039			Qa=0.040			Qa=0.012			Qa=0.144		Qa=0.143		Qa=0.091						
Pipe Capacity (m3/s)	Qcap=0.059			Qcap=0.067			Qcap=0.085			Qcap=0.202		Qcap=0.165		Qcap=0.127						
DATUM RL	39.00																			
DEPTH TO INVERT	1.780	1.300		1.286	1.236		1.476	1.427	2.619	2.908	2.817		1.453	1.578						
DESIGN INVERT LEVEL	46.820	47.300		47.900	47.922		47.586	47.586	47.004	47.004	47.004		47.660	47.720						
HYDRAULIC GRADE LEVEL	47.475	47.300		48.016	48.092		47.586	47.586	47.444	47.444	47.444		47.942	48.016						
FINISHED SURFACE LEVEL	48.600	49.136		49.136	49.136		48.506	48.506	49.023	49.023	49.023		49.093	49.208						
EXISTING SURFACE LEVEL	48.742	49.102		49.102	49.102		48.709	48.709	49.006	49.006	49.006		49.111	49.208						
CHAINAGE	0.000	L=32.374m	32.374	33.626	L=4.464m	35.682	36.638	L=9.000m	9.000	14.520m	L=9.002m	23.522	L=61.062m	84.584	L=51.723m	136.308	140.126	L=115.26m	144.298	147.834

file name: 307018CR601.dwg, layout name: CR601, plotted by: Brad Hearn, file location: \\spire\media\307018\307018.dwg, plot date: 13/01/2021 3:22 PM, Sheet 18 of 27 Sheets

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	GRADING REVISED	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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Designed  
**A.CHARALAMBOUS**

Checked  
**B.MUGRIDGE**

Authorised  
**S.MURPHY**

Date  
**JUN 2020**

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

**CONSTRUCTION** Drg No **307018CR601** Rev **0**

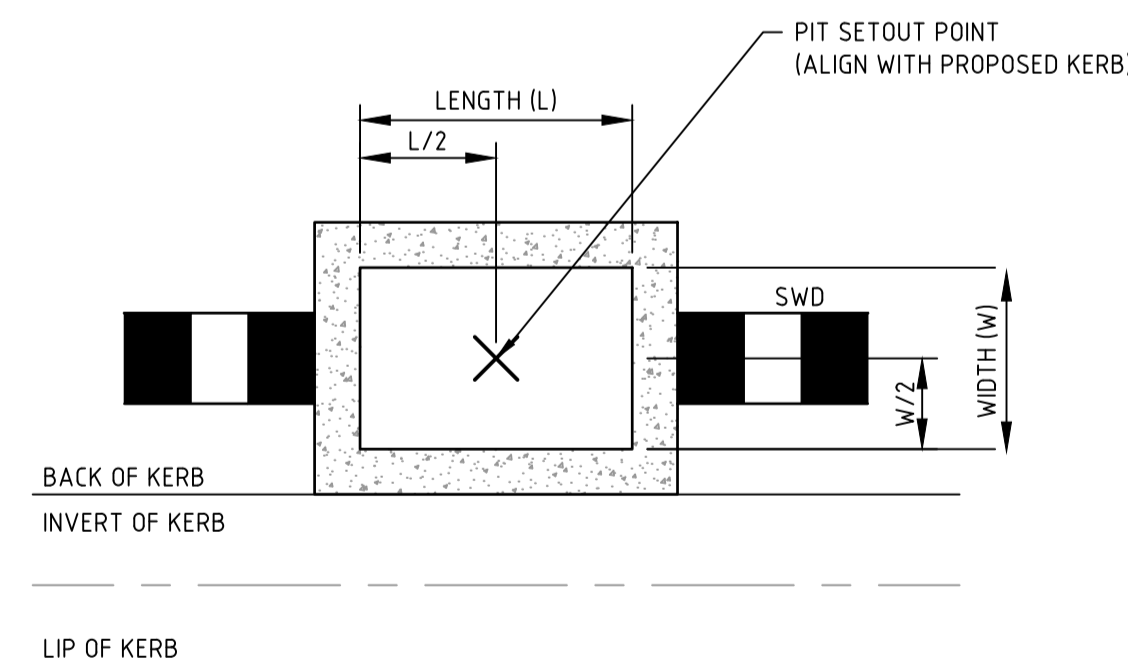


DRAINAGE PIT SCHEDULE

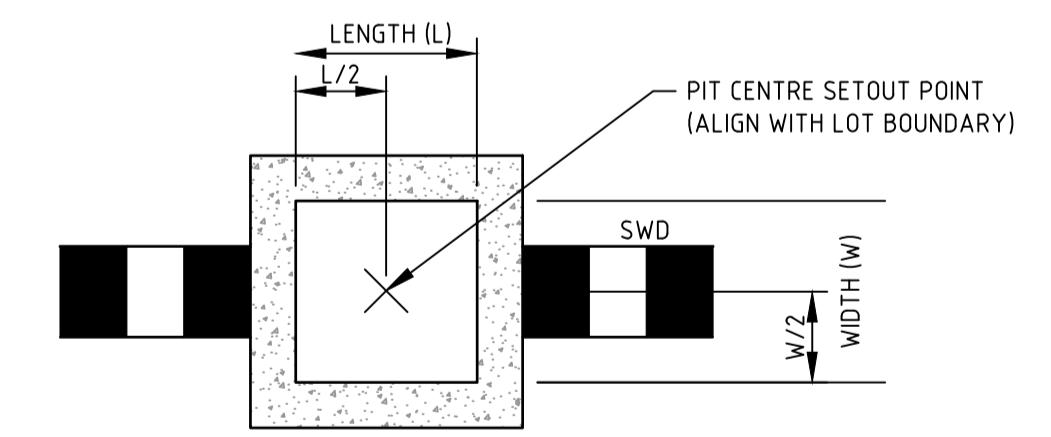
PIT		INTERNAL		INLET		OUTLET		PIT		REMARKS
NAME	TYPE	WIDTH	LENGTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
1	SIDE ENTRY PIT	600	900	450	46.340	450	46.289	48.570	2.281	CONSTRUCT PIT AT END OF STUB
2	SIDE ENTRY PIT	600	900	450	46.430	450	46.380	48.557	2.177	
				300	46.480					
3	JUNCTION PIT	600	900	450	46.608	450	46.558	48.992	2.434	PROVIDE HEAVY DUTY CLASS 'D' LID
4	JUNCTION PIT	600	900	300	46.970	450	46.895	48.600	1.705	
				225	47.300					
5	SIDE ENTRY PIT	600	900	300	47.081	300	47.030	48.506	1.476	
				300	47.080					
6	SIDE ENTRY PIT	600	900	300	47.170	300	47.120	48.597	1.477	
				300	47.170					
7	SIDE ENTRY PIT	600	900			300	47.500	48.922	1.422	
8	SIDE ENTRY PIT	600	900	300	46.870	300	46.820	48.296	1.476	
9	SIDE ENTRY PIT	600	900			300	46.951	48.316	1.365	
10	JUNCTION PIT	600	900	225	47.900	225	47.850	49.136	1.286	
11	JUNCTION PIT	600	900	225	48.050	225	48.000	49.195	1.195	
12	JUNCTION PIT	600	600			225	48.680	49.524	0.844	
13	SIDE ENTRY PIT	600	900			300	47.150	48.494	1.344	
14	SIDE ENTRY PIT	600	900			300	47.260	48.622	1.362	
16	SIDE ENTRY PIT	600	900	450	47.130	450	47.077	49.985	2.908	CONSTRUCT PIT AT END OF STUB
17	SIDE ENTRY PIT	600	900	450	47.210	450	47.160	49.977	2.817	
18	SIDE ENTRY PIT	600	900	450	47.468	450	47.418	49.589	2.171	
				300	48.050					
19	SIDE ENTRY PIT	600	900	375	47.660	450	47.640	49.093	1.453	
20	SIDE ENTRY PIT	600	900	375	47.770	375	47.720	49.298	1.578	
				300	47.800					
21	JUNCTION PIT	600	900	375	48.000	375	47.950	49.517	1.567	PROVIDE HEAVY DUTY CLASS 'D' LID
				300	48.020					
22	GRATED PIT	600	900	375	48.150	375	48.100	49.698	1.598	PROVIDE TRAFFICABLE CLASS 'D' COVER
23	GRATED PIT	600	900	300	48.680	375	48.600	49.942	1.342	PROVIDE TRAFFICABLE CLASS 'D' COVER
24	GRATED PIT	600	900			300	49.250	50.535	1.285	PROVIDE TRAFFICABLE CLASS 'D' COVER
26	SIDE ENTRY PIT	600	900			300	48.150	49.600	1.450	
27	SIDE ENTRY PIT	600	900			300	47.900	49.316	1.416	
28	GRATED PIT (CONCRETE APRON)	750	1000			300	48.730	49.999	1.269	VICROADS STANDARD DRAWING SD14-21

PIT SETOUT CO-ORDINATES

NAME	POINT	EASTING	NORTHING
3	B	36154.304	5787144.90
23	B	361615.88	5787243.59
28	B	361673.82	5787269.74



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



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

file name: 307018CR603.dwg, layout: csm, csg603, plotted by: Brad Hynes, file location: \\spire\media\307018\307018.dwg, plot date: 13/01/2021, 3:22 PM, Sheet 20 of 27 Sheets

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	REVISED PIT DETAILS	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20

Scale  
AS SHOWN

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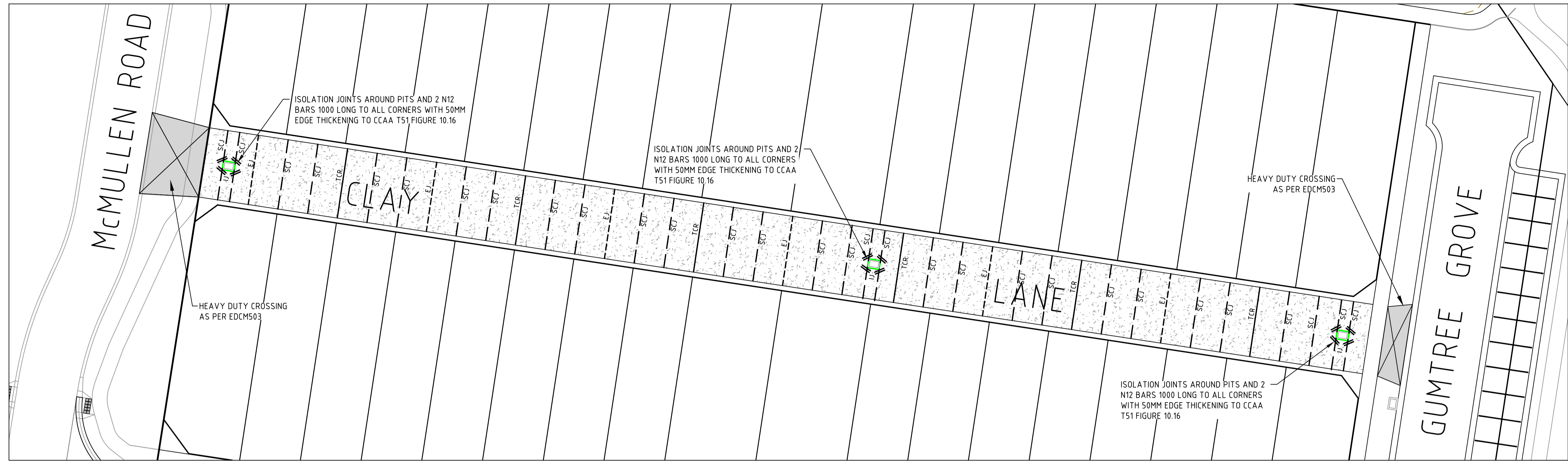
Designed  
A.CHARALAMBOUS  
Authorised  
S.MURPHY

Checked  
B.MUGRIDGE  
Date  
JUN 2020

**OFFICER FIELDS  
STAGE 1  
ROAD AND DRAINAGE  
DRAINAGE LONG SECTIONS - SHEET 4  
CARDINIA SHIRE COUNCIL  
YOURLAND**

**CONSTRUCTION** Drg No **307018CR603** Rev **0**





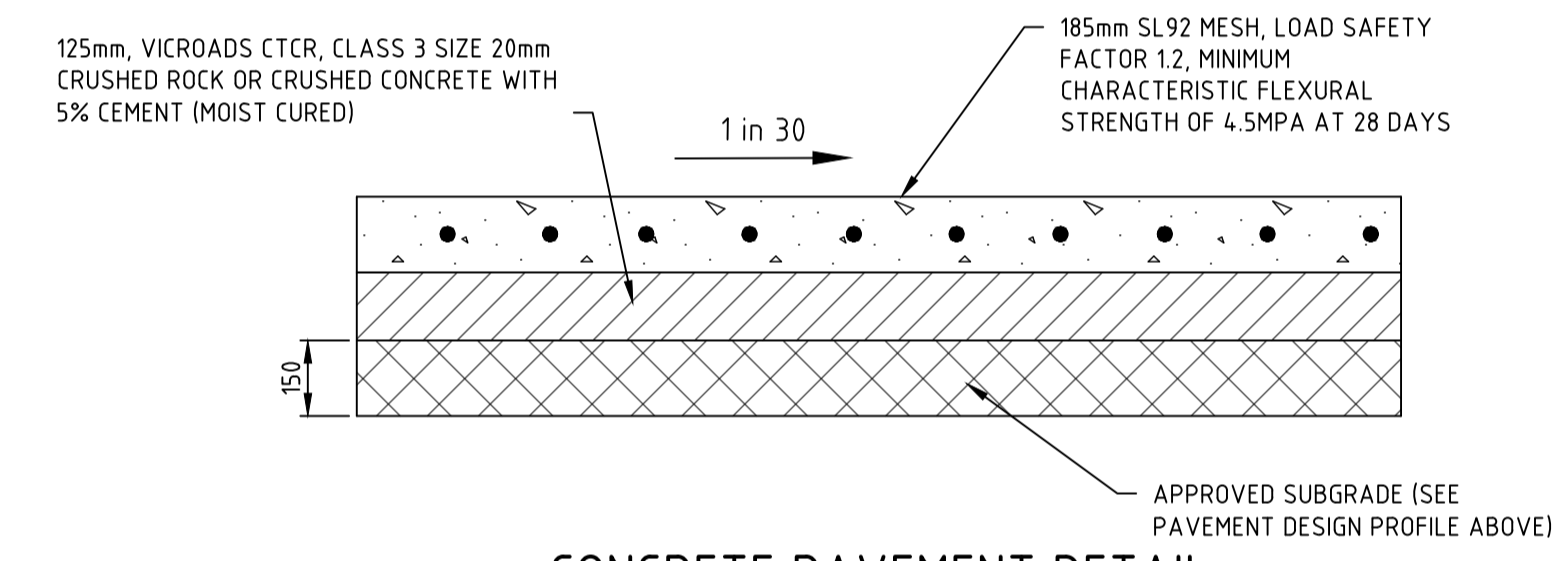
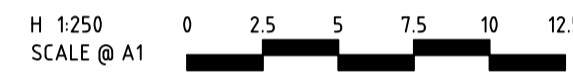
CONCRETE PAVEMENT BASE JOINTING PLAN - CINDER LANE

DESIGN PAVEMENT PROFILE - ACCESS LANE

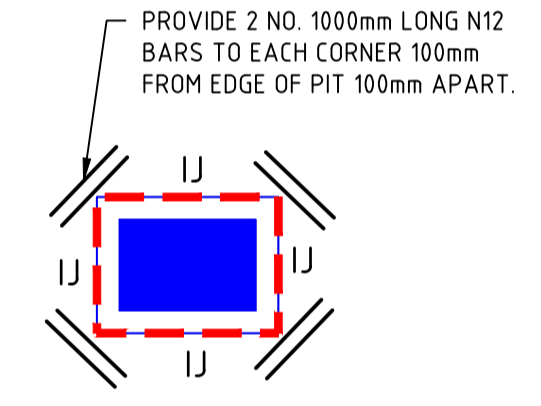
PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		CLAY LANE
CONCRETE PAVEMENT	SL92 MESH, LOAD SAFETY FACTOR 1.2, MINIMUM CHARACTERISTIC FLEXURAL STRENGTH OF 4.5MPa AT 28 DAYS	185
DEBONDING LAYER	SIZE 7mm BITUMINOUS PRIMER SEAL WITH A SEAL RESIDUAL BINDER RATE OF $\geq 1.0 L/m^2$	NOMINAL
SUBBASE COURSE	VICROADS CTCR, CLASS 3 SIZE 20MM CRUSHED ROCK OR CRUSHED CONCRETE WITH 5% CEMENT (MOIST CURED)	125
TOTAL PAVEMENT DEPTH		310

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

**NOTES:**  
THE CONCRETE BASE THICKNESS IS A MINIMUM THICKNESS.  
THE JOINT LAYOUT SHOULD BE DESIGNED TO BE COMPATIBLE WITH THE PAVEMENT GEOMETRY, THE LENGTH OF SLAB, THE TYPE OF JOINT USED, AND THE CONSTRUCTION METHOD AND PROGRAMMING TO BE EMPLOYED.  
THE REINFORCING MESH (SL 92) SHOULD BE CENTRALLY PLACED.  
BASE PANELS SHOULD BE KEPT APPROXIMATELY SQUARE, NOT EXCEEDING A RATIO OF 1.25; BASE PANEL WIDTHS SHOULD NOT EXCEED 4.2 M.  
CONTRACTION JOINTS SHOULD BE PROVIDED AT A SPACING NOT EXCEEDING 4.2 M.  
FULL DEPTH SEALED EXPANSION JOINTS SHOULD BE PROVIDED ADJACENT TO FIXED OBJECTS;  
28-DAY FLEXURAL STRENGTH OF 4.5 MPa IS REQUIRED FOR THE BASE CONCRETE;  
AT CONSTRUCTION BREAKS, 1 M LONG TIE BARS SHOULD BE PROVIDED AT 300 MM CENTRES.



CONCRETE PAVEMENT DETAIL (310mm)  
ACCESS LANE FOR LOTS 128 TO 163  
NOT TO SCALE

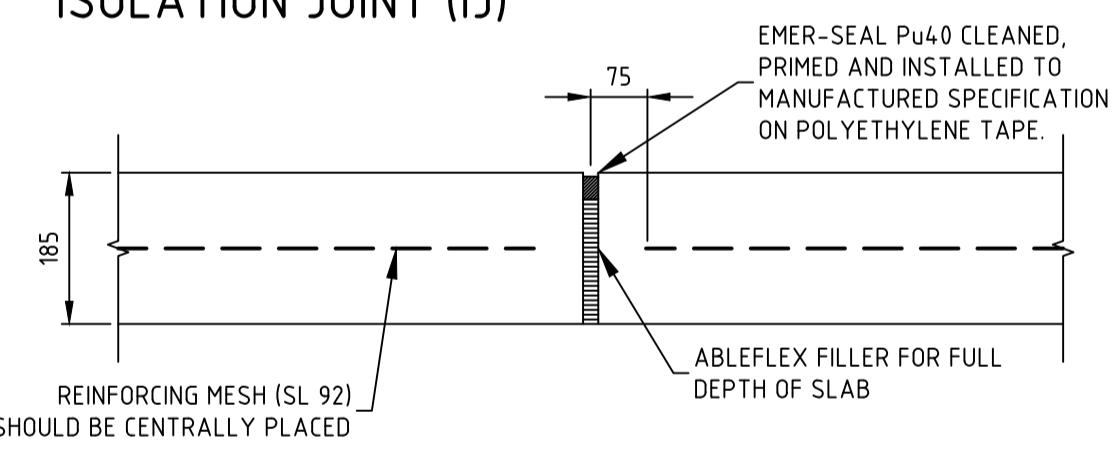


CONCRETE PAVEMENT PIT INTERFACE DETAIL

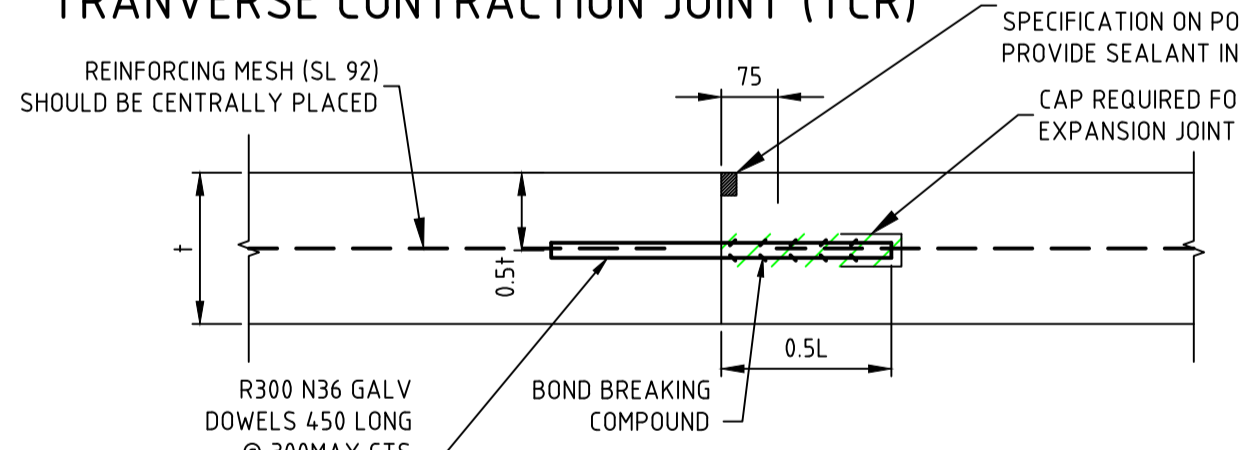
GENERAL NOTES:

- 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 WITH FLEXIBLE STRENGTH AS NOTED IN TABLE ABOVE.
- 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.
- VARIATION TO JOINT LAYOUT BY CONTRACTOR WILL NOT BE ACCEPTED WITHOUT SPECIFIC WRITTEN APPROVAL OF SUPERINTENDENT & COUNCIL.

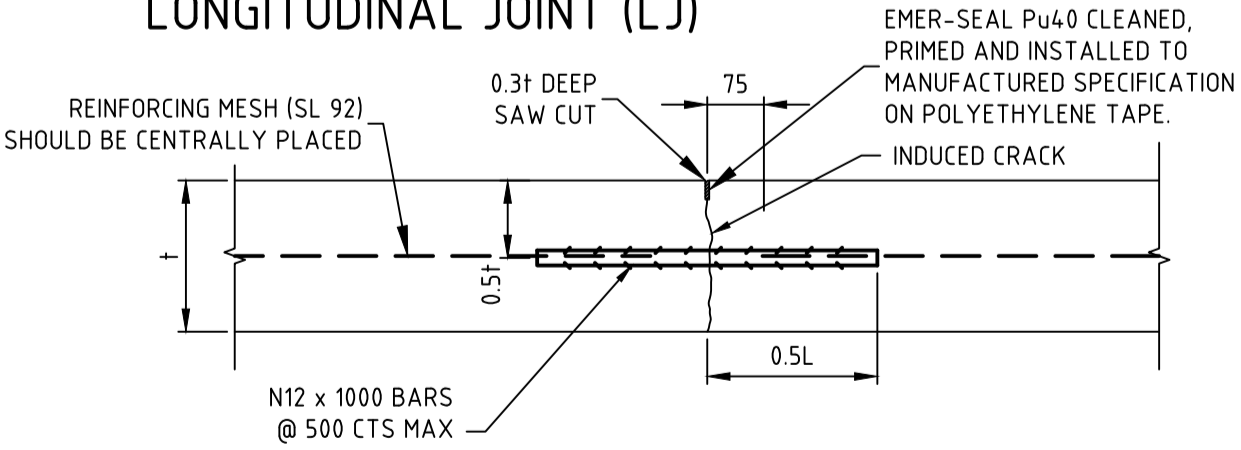
ISOLATION JOINT (IJ)



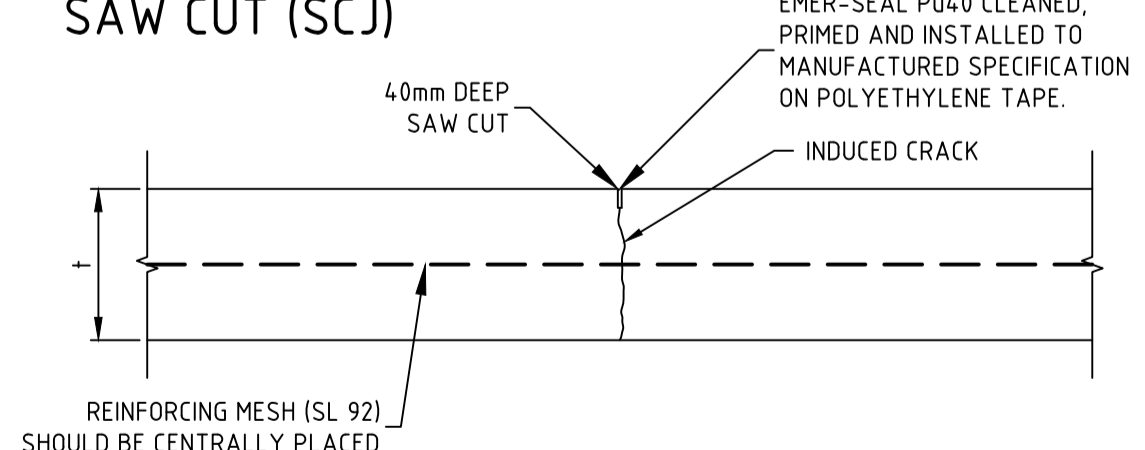
TRANSVERSE CONTRACTION JOINT (TCR)



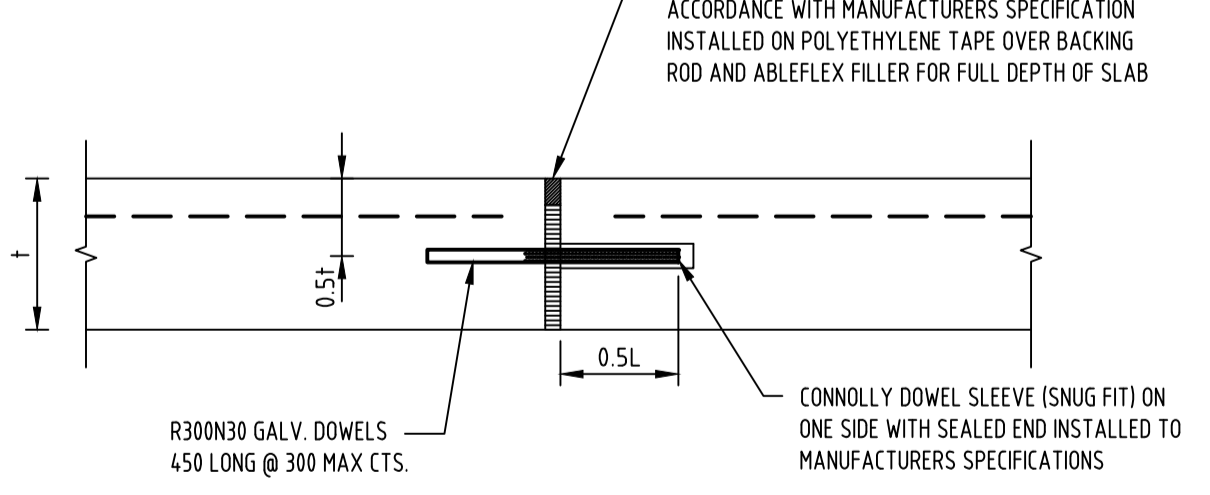
LONGITUDINAL JOINT (LJ)



SAW CUT (SCJ)



EXPANSION JOINT (EJ)



file name: 307018CR701.dwg, layout: csm, cedit, checked by: Brad Higgins, file location: \\spire\media\307018\307018.dwg, plot date: 13/01/2021, 3:23 PM, sheet: 22 of 27 sheets

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
C	JOINTING, NOTES REVISED	SM	16/10/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20

Scale: AS SHOWN



**spiire**

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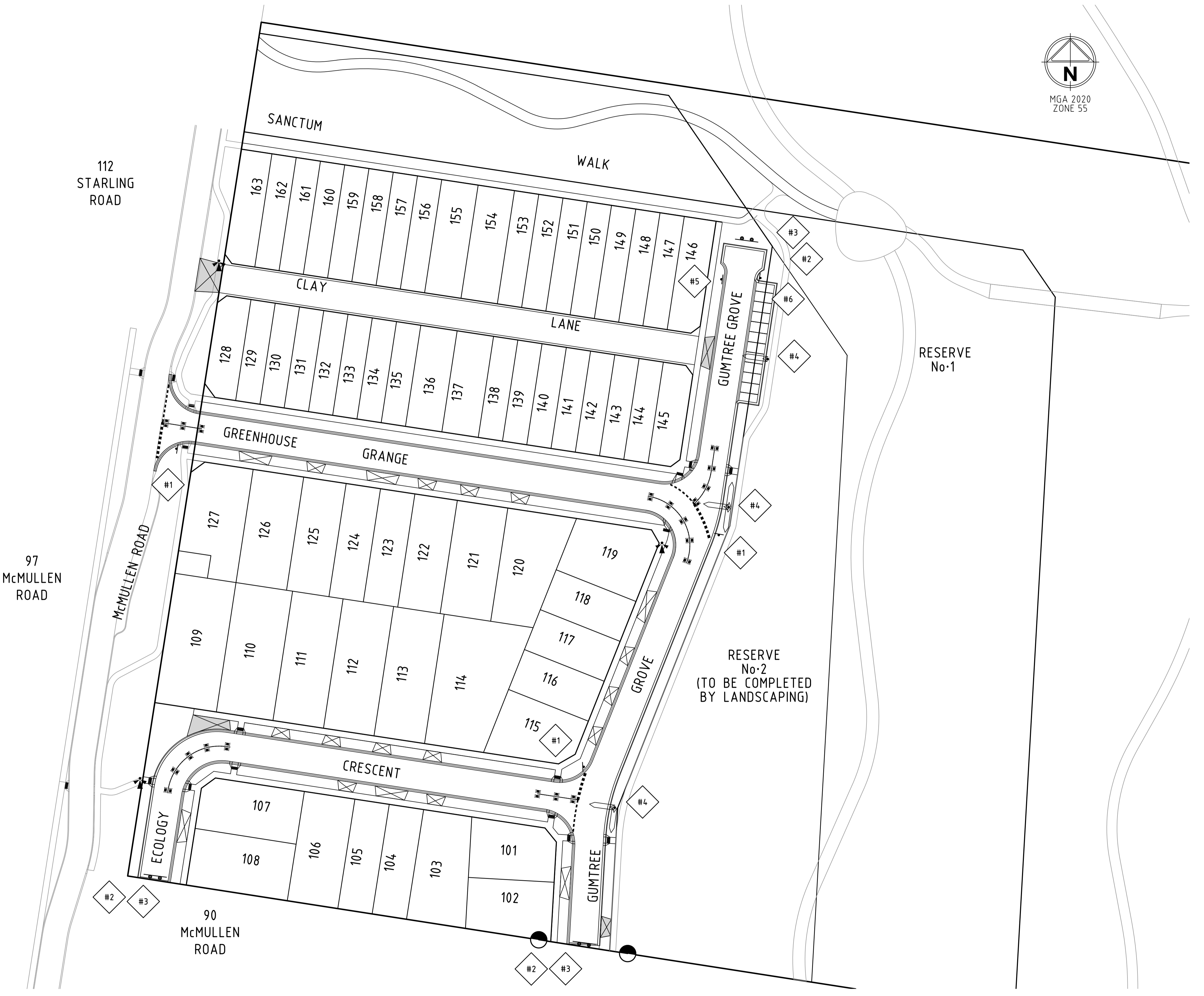
**YourLand** Developments

Designed: A.CHARALAMBOUS  
Checked: B.MUGRIDGE  
Authorised: S.MURPHY  
Date: JUN 2020

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

**CONSTRUCTION** Drg No: 307018CR701 Rev: 0

file name: 307018CR800.dwg layout name: CR800 - checked by: Brad Hynes  
 file location: E:\307018CR800\civil\A1.dwg plot date: 13/01/2021 3:23 PM sheet: 23 of 27 sheets

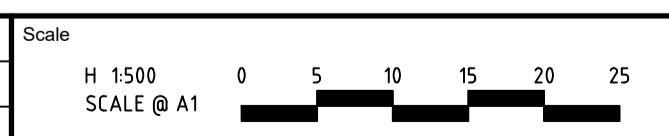


**LEGEND**

- #1 R1-2A
- #2 G9-20
- #3 D4-5
- #4 STREET NAME PLATES TO BE IN ACCORDANCE WITH CARDINIA STANDARD DRAWING CSC-500, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE
- #5 R5-35(R)
- #6 R5-35(L)
- RETROREFLECTIVE PAVEMENT MARKERS (RRPM's)
- TACTILE GROUND SURFACE INDICATORS (TGSi's)

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

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	SM	13/01/21
D	STREET SIGN RELOCATED	SM	18/12/20
C	CENTRELINES REVISED & ADDED.	SM	02/11/20
B	ISSUED FOR APPROVAL	S.M	06/08/20
A	ISSUED FOR TENDER	S.M	10/06/20



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Designed  
**A.CHARALAMBOUS**

Checked  
**B.MUGRIDGE**

Authorised  
**S.MURPHY**

Date  
**JUN 2020**

**OFFICER FIELDS  
 STAGE 1  
 ROAD AND DRAINAGE  
 SIGNAGE AND LINEMARKING - SHEET 1**  
 CARDINIA SHIRE COUNCIL  
 YOURLAND

**CONSTRUCTION** Drg No **307018CR800** Rev **0**