

MARRAN RUN STAGE 3 YOURLAND DEVELOPMENTS

GENERAL NOTES:

SURVEY

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) 94, ZONE 55.
- ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN $\pm 0.05\text{m}$.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE MUNICIPAL ENGINEER OR HIS REPRESENTATIVE.
- ROAD CHAINAGES REFER TO ROAD CENTRELINES. CHAINAGES FOR INTERSECTIONS AND CUL-DE-SACS REFER TO THE 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.
- TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF T.B.M.'S THEREAFTER.
- AT LEAST 3 DAYS PRIOR TO COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 1.50m DEEP, A NOTIFICATION FORM MUST BE SENT TO WORKSAFE. THE CONTRACTOR IS TO COMPLY WITH WORKSAFE, THE MINES (TRENCHES) REGULATION 1982, THE MINES ACT 1958 AND OCCUPATIONAL HEALTH AND SAFETY ACT 1985, 2004.
- ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND KERB AND CHANNEL OR PAVED TRAFFIC AREAS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
- WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, 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
- NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCIL'S PERMISSION.

SERVICES

- WATER CONDUITS ARE TO BE:
Ø50mm : CLASS 12 P.V.C. - SINGLE SERVICE
Ø100mm : CLASS 12 P.V.C. - DUAL SERVICE (DRINKING AND NON DRINKING WATER)

WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:
ROAD PAVEMENT - 0.80m
VERGE, FOOTPATHS - 0.45m

- ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION.
- WATER TAPPINGS TO BE LOCATED IN ACCORDANCE WITH MRWA-W-110 STANDARDS UNLESS OTHERWISE SHOW
- TELSTRA ARE TO BE NOTIFIED 7 DAYS PRIOR TO PLACEMENT OF CONCRETE WORKS.

STORM WATER DRAINAGE

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

- CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m (WHERE OUTSIDE OF SEWER) FROM THE PROPERTY LINE UNLESS SHOWN OTHERWISE.
- WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. CURVED PIPES ARE TO BE APPROVED BY COUNCIL AND IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

- HOUSE DRAINS NOT OUT OF PIT TO BE OFFSET IN ACCORDANCE WITH COUNCIL STANDARDS UNLESS NOTED OTHERWISE.

- ALL HOUSE DRAINS AND PROPERTY INLETS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARDS EDM 701 TO EDM 704.

PAVEMENT

- PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH 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.

- ALL FOOTPATHS AND PEDESTRIAN CROSSING KERB RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWINGS EDM 4.01 & 4.03.

- ALL RESIDENTIAL VEHICLE CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWINGS EDM 501 & 502. ALL INDUSTRIAL VEHICLE CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWING EDM 503

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

ENVIRONMENTAL

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



**DIAL BEFORE
YOU DIG**
www.1100.com.au

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.



LOCALITY PLAN

NOT TO SCALE



WARNING

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

LEGEND

DESCRIPTION

WATER MAIN, VALVE AND HYDRANT
UNDERGROUND ELECTRICITY
OVERHEAD ELECTRICITY & POLE
TELECOMMUNICATIONS & SERVICE PIT
OPTIC FIBRE
GAS MAIN
SEWER & MAINTENANCE STRUCTURE
CENTRAL INVERT
COUNCIL STORMWATER DRAIN AND PIT
STORM WATER DRAINAGE PROPERTY INLETS
COUNCIL STORM WATER PITS
HOUSE DRAIN
AG DRAIN AND FLUSHER
STORM WATER DRAINAGE PIT NUMBER
GAS & WATER CONDUITS
CONCRETE VEHICLE CROSSING

NON-STANDARD CONCRETE VEHICLE CROSSING
REFER CR700

NON-STANDARD CONCRETE VEHICLE CROSSING
REFER CR700

RIDGE / CHANGE OF GRADE LINE

SURFACE CONTOUR MINOR

SURFACE CONTOUR MAJOR

SURFACE LEVEL

BATTER LEVEL (TOP / TOE)

EARTHWORKS GRADE

SIGN AND POST

STREET SIGN

PERMANENT SURVEY MARK

BOLLARD

ROAD CHAINAGES

LOT CHAINAGES

SETOUT POINT

LIMIT OF WORKS

BATTER

EXCAVATION GREATER THAN 0.20m

FILLING GREATER THAN 0.20m

FENCE - VEHICLE EXCLUSION

FENCES

TREE TO BE REMOVED

FOOTPATH

SHARED PATH

PAVEMENT

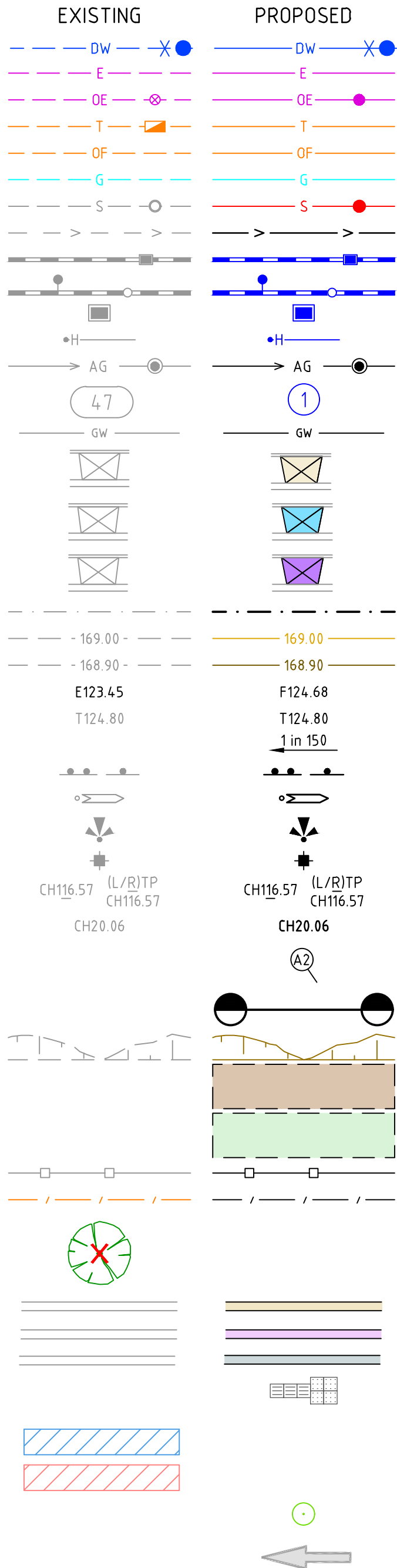
TACTILE GROUND SURFACE INDICATOR

NATIVE VEGETATION TO BE RETAINED

NATIVE VEGETATION TO BE REMOVED

STREET TREES

FALL OF LOT



DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
CR100	GENERAL NOTES	1	1
CR200	FACE PLAN	2	0
CR201	SERVICES PLAN	3	1
CR300	ROAD LONG SECTIONS - SHEET 1	4	0
CR301	ROAD LONG SECTIONS - SHEET 2	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
CR403	ROAD CROSS SECTIONS - SHEET 4	9	0
CR404	ROAD CROSS SECTIONS - SHEET 5	10	0
CR500	INTERSECTION DETAILS - SHEET 1	11	0
CR501	INTERSECTION DETAILS - SHEET 2	12	0
CR600	DRAINAGE LONG SECTIONS	13	0
CR601	DRAINAGE PIT SCHEDULE	14	0
CR700	PAVEMENT AND TYPICAL DETAILS	15	0
CR701	FOOTPATH AND RESERVE DETAILS	16	0
CR800	SIGNAGE AND LINEMARKING	17	0

file name: 309857CR100.dwg, layout name: CR100, plotted by: David Dood, file location: \\Spiire.com.au\data\309857\Civil\ACAD\B01 date: 23/01/2026 15:58 PM Sheet: 1 of 17 Sheets

			Scale
1	GAS REMOVED	P.C	23/01/26
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
D	DRAWING SCHEDULE AMENDED	PC	21/12/23
C	DRAWING SCHEDULE AMENDED	P.C	11/08/23
B	STAGING AMENDED, LEGEND AMENDED, DRAWING SCHEDULE AMENDED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22
Rev	Amendments	Approved	Date



© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

spiire

L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

G:\30\306267\Civil\ACAD\External\logo.png

Designed
H.KURMUS

Authorised
P.CURNOW (PE004069)

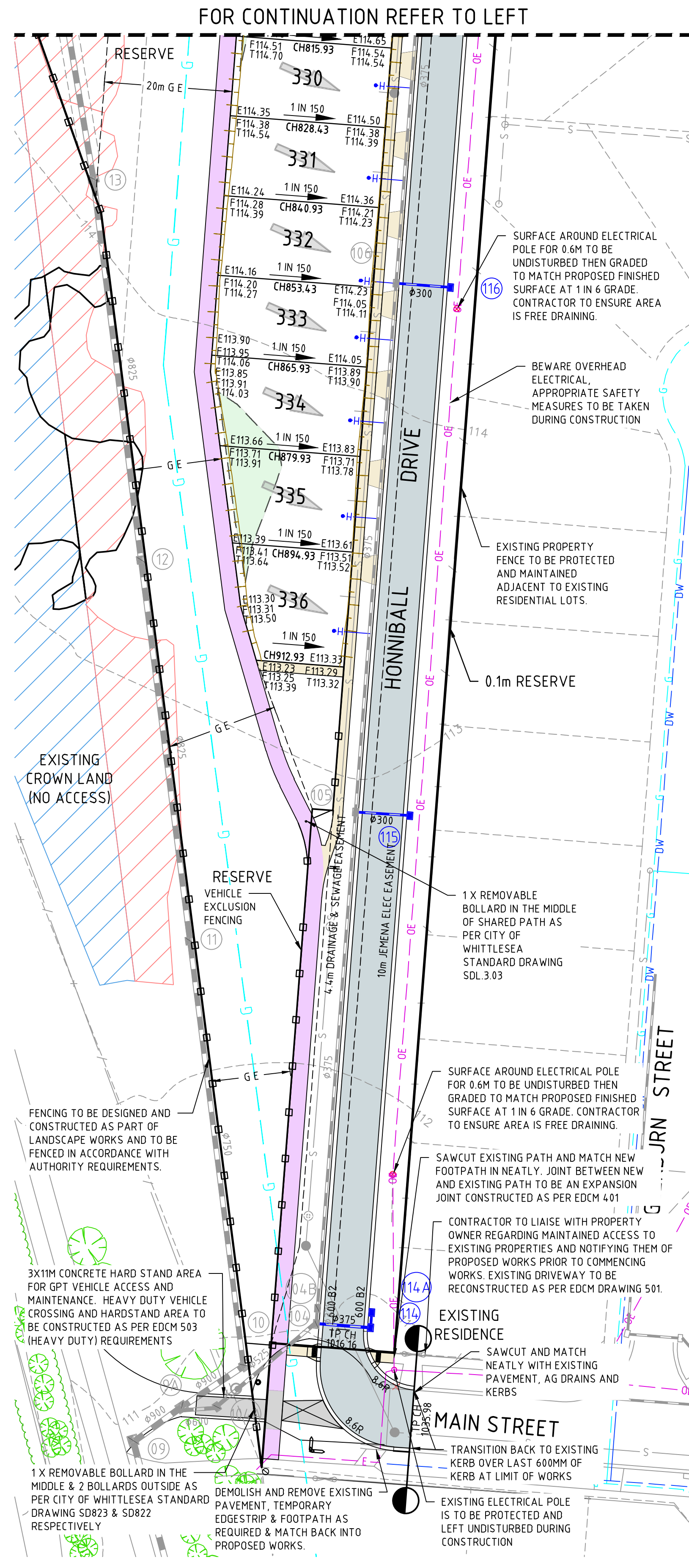
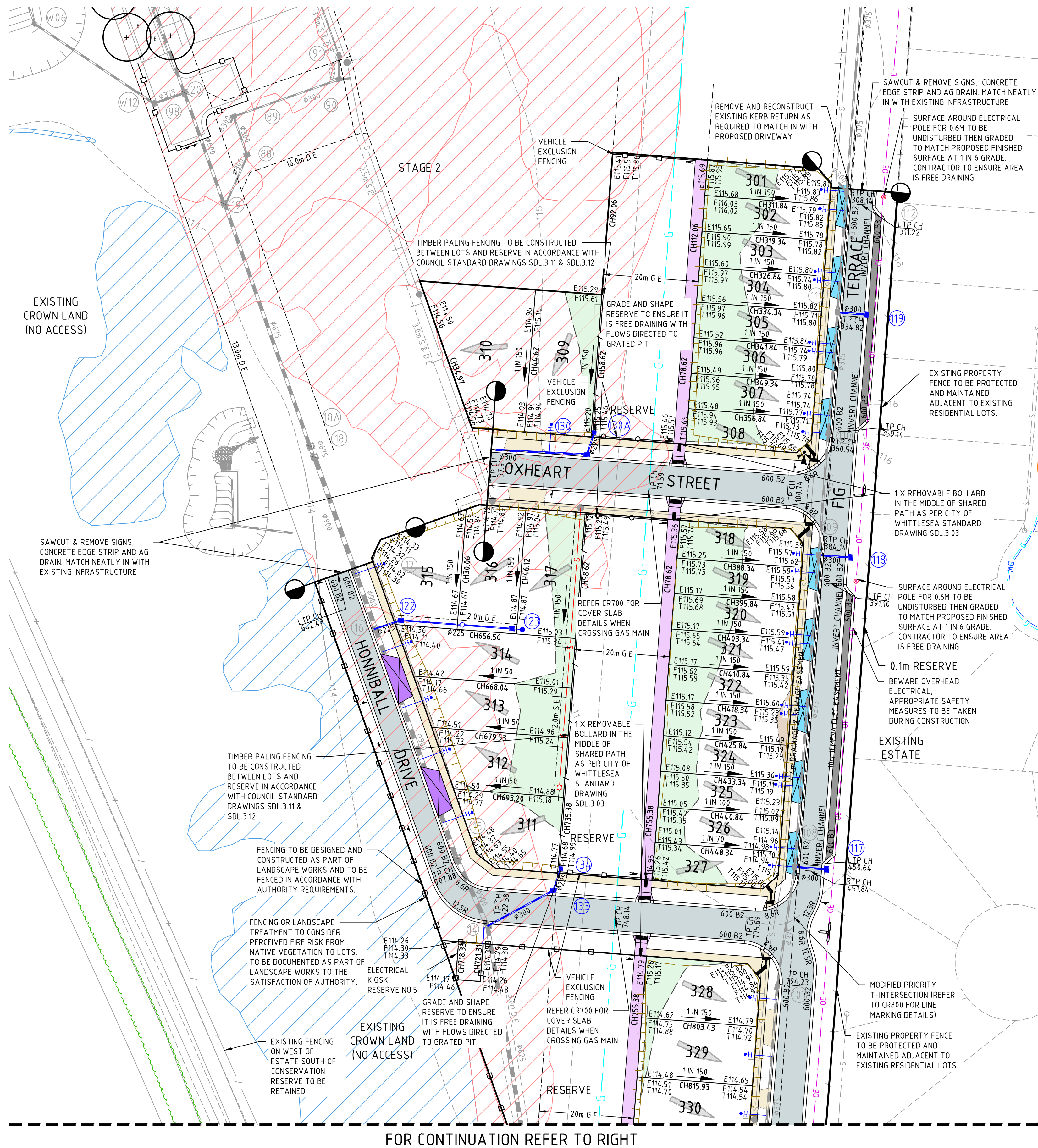
Checked
J.POYNER

Date
11/11/22

**MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
GENERAL NOTES**
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION Drg No **309857CR100** Rev **1**

file name: 309857CR200.dwg, layout name: CR200, created by: Daniel Dard, file location: \\spire.com.au\media\309857\DWG\309857\309857.dwg, plot date: 23/01/2026 15:58 PM, sheet: 2 of 17, sheets

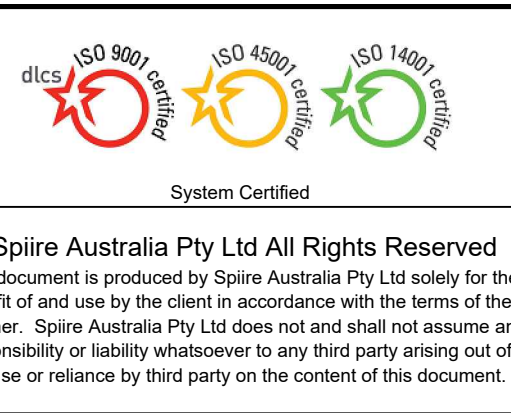
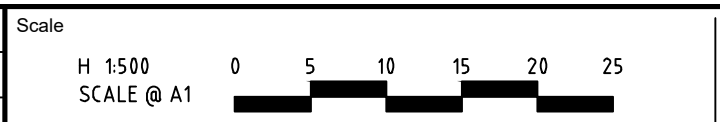


- NOTE:
1. ALL TGSIs ARE TO BE INSTALLED AS PER CITY OF WHITTLESEA STANDARD DRAWING SD320
 2. FOOTPATH PRAM CROSSING SPLAYS ARE TO BE NO WIDER THAN 600mm.
 3. ALL VEHICLE EXCLUSION FENCING TO BE DESIGNED AND CONSTRUCTED AS PART OF LANDSCAPE WORKS.



WARNING
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.

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
D	ROAD GRADING AMENDED	PC	21/12/23
C	DRAINAGE & PITS ADDED, NOTES & INTERSECTION UPDATED	P.C	11/08/23
B	NATIVE VEGETATION, STAGING, NOTES, DRIVEWAYS, FOOTPATHS UPDATED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22

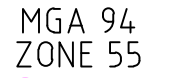


L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 3007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

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

**MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
FACE PLAN**
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION Drg No 309857CR200 Rev 0



RESERVE

20m GE

330

331

332

333

334

335

336

HONNIBALL DRIVE

0.1m RESERVE

RESERVE

EXISTING CROWN LAND (NO ACCESS)

14m DRAINAGE & SEWAGE EASEMENT

10m JEWELRY EASEMENT

EXISTING RESIDENCE

MAIN STREET

GLENBURN STREET

SERVICE

ROAD

OXHEART STREET

FIG TERRACE

HONNIBALL DRIVE

HONNIBALL DRIVE

HONNIBALL DRIVE

HONNIBALL DRIVE

1. TELECOMM

2. x = OFFSET

ROAD NAME	POTABLE WATER		NBN (TELECOM)		ELECTRICITY				STREET TREES	
	SIDE	OFFSET	SIDE	OFFSET	POLE		U/G CABLE		SIDE	OFFSET
					SIDE	OFFSET	SIDE	OFFSET		
OxHEART STREET	S	2.70	N	1.85	N	0.8x	N	2.50	N & S	1.0x
FIG HERAGE	W	2.65	E	1.60	W	0.8x	E	1.35	W	1.0x
HONNIBALL DRIVE (LOTS 311-315)	E	2.90	E	1.85	W	0.8x	W	0.75	E	1.0x
HONNIBALL DRIVE (LOTS 311-327)	N	2.70	S	1.85	S	0.8x	S	2.50	N & S	1.0x
HONNIBALL DRIVE (LOTS 328-336)	W	2.70	E	0.60	W	0.8x	E	1.35	W	1.0x
HONNIBALL DRIVE (RESERVE)	W	5.95	E	0.60	W	0.8x	E	1.35	W	1.0x

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

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



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.

1	GAS REMOVED	P.C	23/01/26
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
C	DRAINAGE, PITS & PIT CHAINAGES ADDED	P.C	11/08/23
B	NATIVE VEGETATION, STAGING, NOTES, DRIVEWAYS, FOOTPATH AMENDED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22
Rev	Amendments	Approved	Date



© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

spiire

L6 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
H.KURMUS
Authorised
P.CURNOW (PE004069)

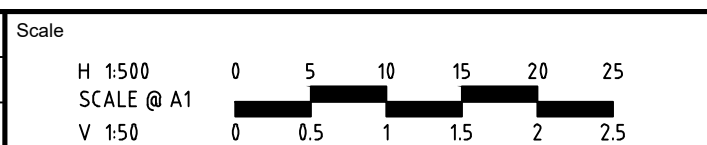
Checked
J.POYNER
Date
11/11/22

**MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
SERVICES PLAN
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS**

CONSTRUCTION Drg No **309857CR201**



0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
C	LONG SECTION AMENDED WITH REVISED ROAD GRADING	PC	21/12/23
B	STAGING AMENDED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22
Rev	Amendments	Approved	Date



© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

G:\30\306267\Civil\ACAD\External\logo..png

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

MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 1
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION Drg No 309857CR300 Rev 0



Scale

Variable	Start	End
H 1500	0	1.0
SCALE @ A1	0	1.5
V 150	0	2.0



MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 2
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

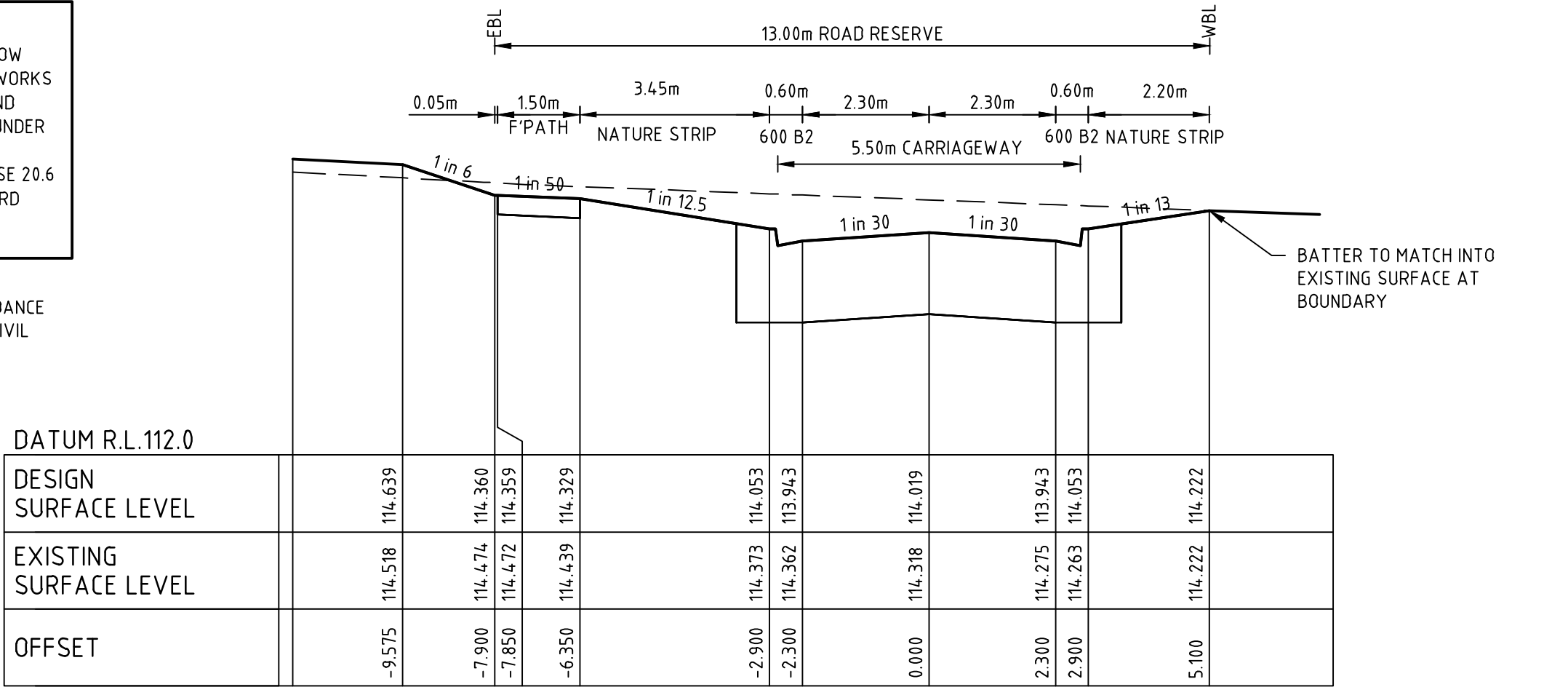
CONSTRUCTION Drg No 309857CR301 Rev 0

file name: 309857CR400.dwg, layout name: CR400, plotted by: Daniel Reid,
file location: \\spiire.com.au\media\A\00a\309857\00\ACAD\001 date: 23/01/2026 15:9 PM Sheet: 6 of 17 Sheets

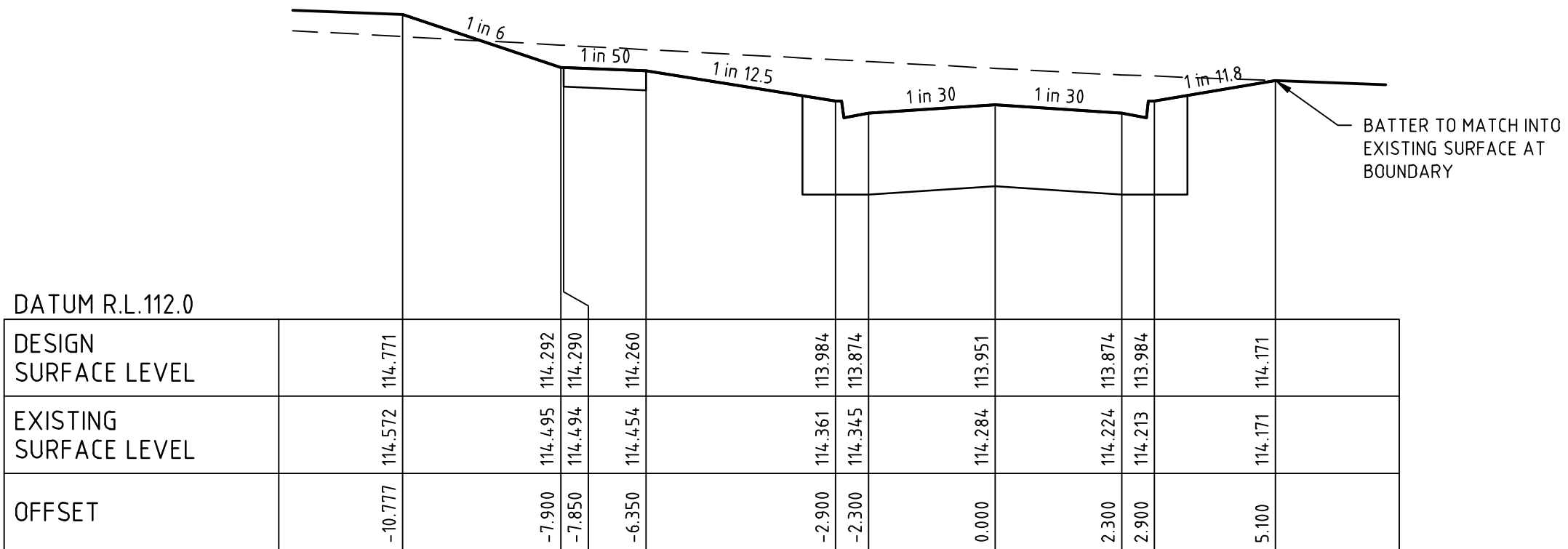
FILLING BELOW SUBGRADE:
TYPE A FILL MATERIAL MUST BE PROVIDED BELOW SUBGRADE AS PER CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION CLAUSE 20.6 AND TYPE 1 FILL AND SUPERVISION UNDER THE FOOTPATHS. FILLING UNDER FOOTPATHS SHOULD BE DONE AS PER CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION CLAUSE 20.6 (TYPE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

STRUCTURAL FILL IN ACCORDANCE WITH CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION

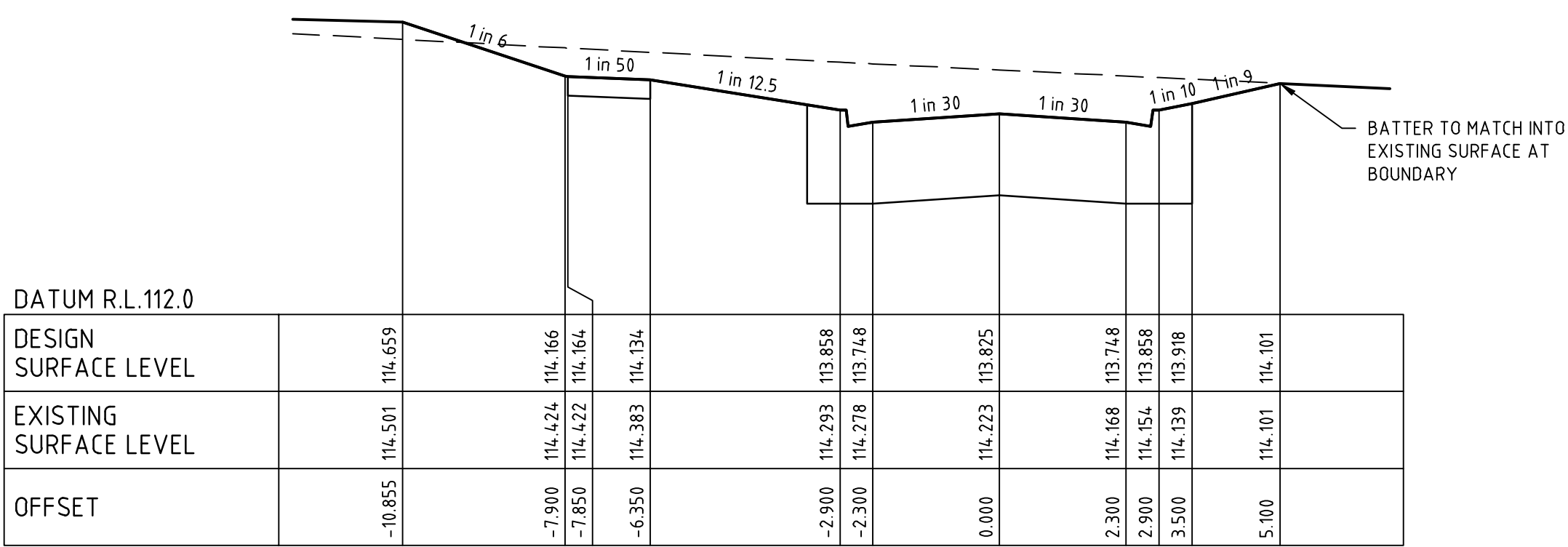
100YR WL



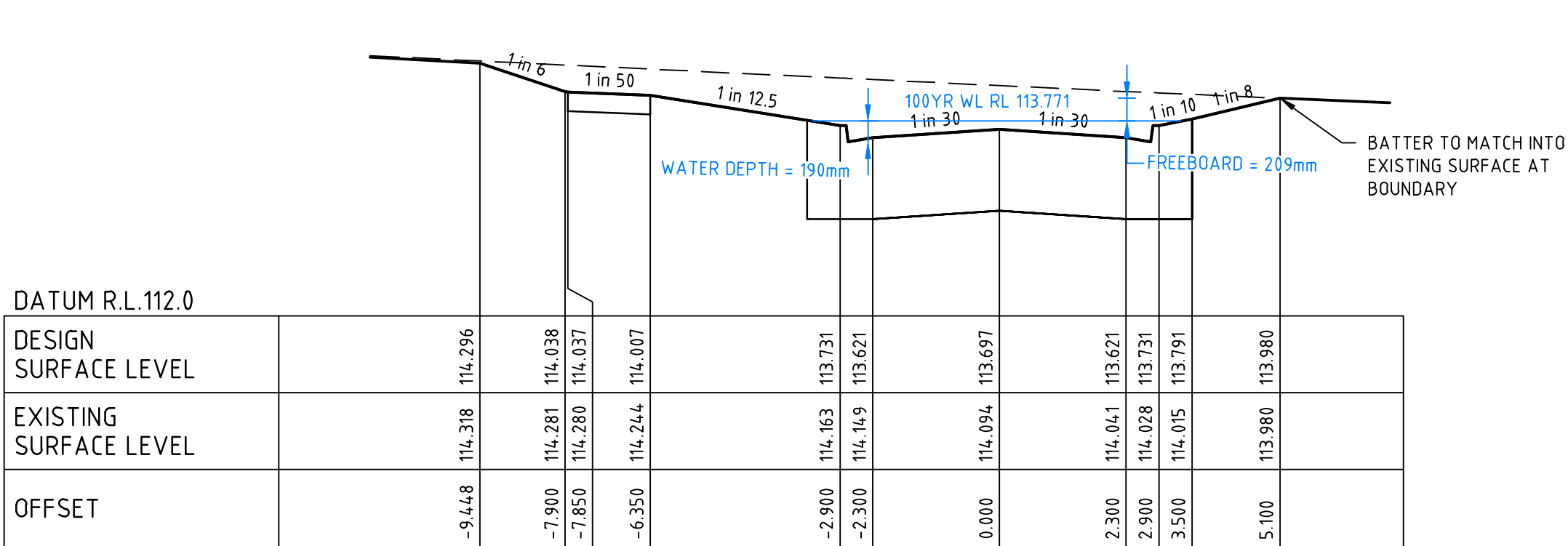
HONNIBALL DRIVE CH 706.88



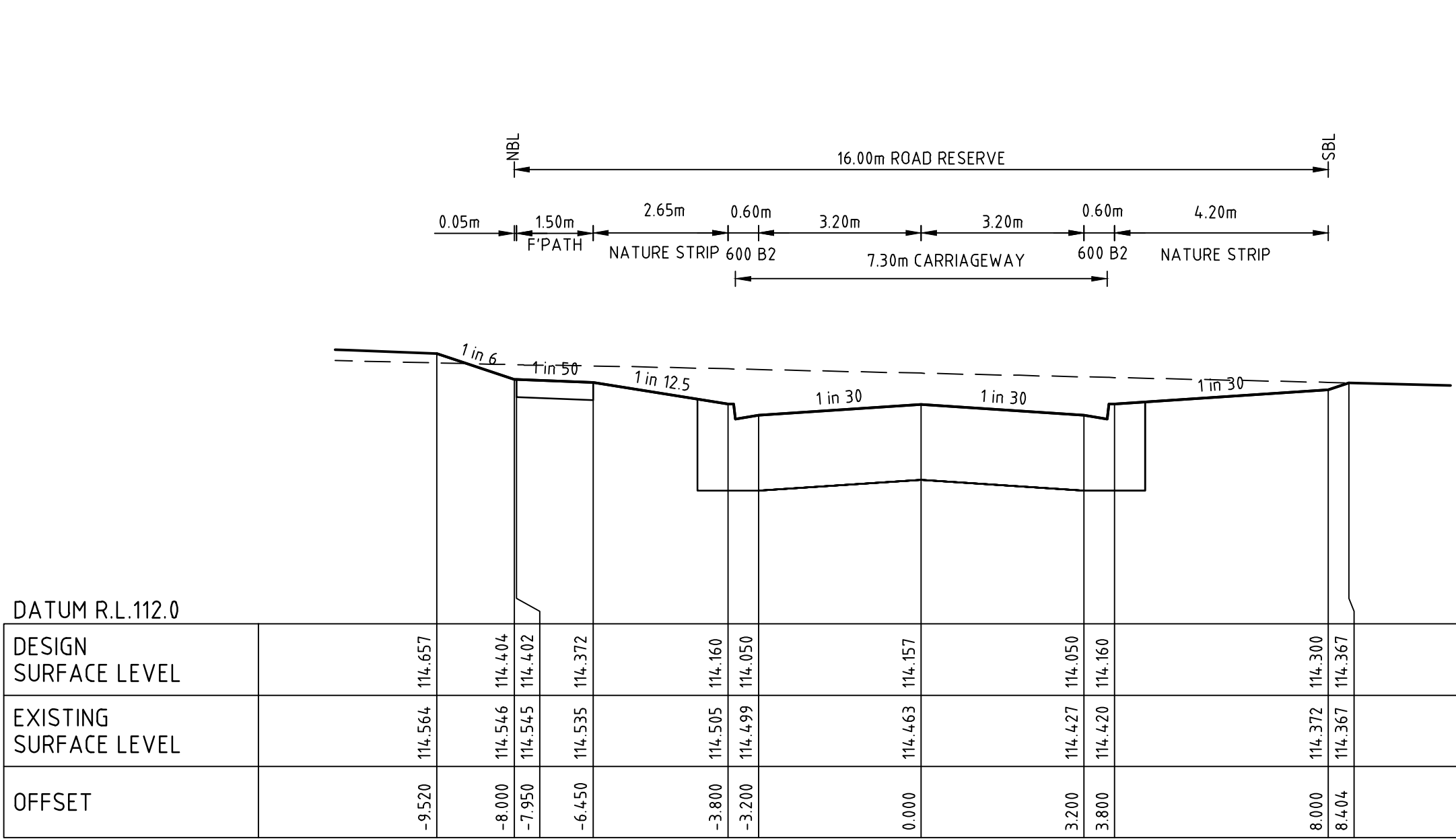
HONNIBALL DRIVE CH 693.20



HONNIBALL DRIVE CH 668.04

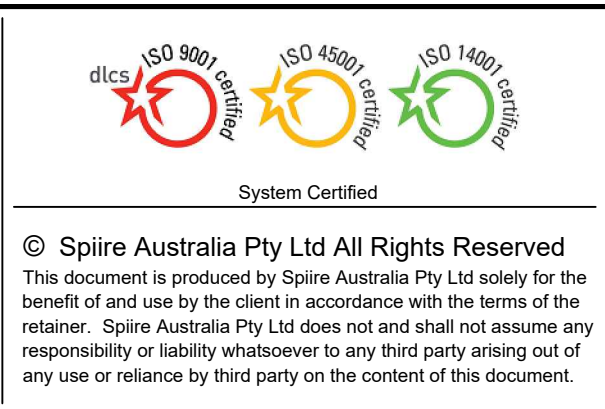
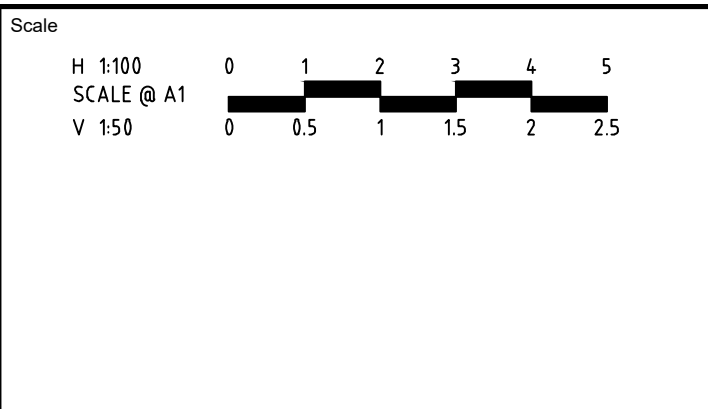


HONNIBALL DRIVE CH 642.48



HONNIBALL DRIVE CH 722.58

0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
B	CROSS SECTIONS AMENDED TO MATCH REVISED STAGING	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22
Rev	Amendments	Approved	Date



L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

G:\30\306267\Civil\ACAD\External\logo.png

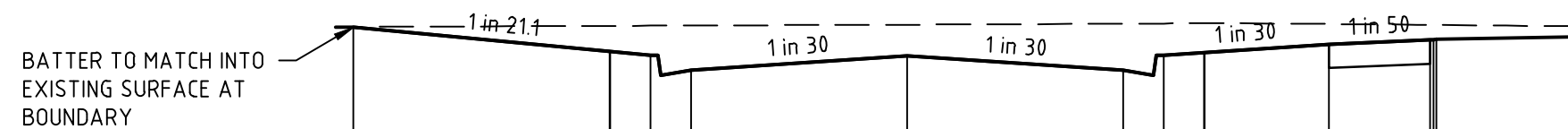
Designed H.KURMUS	Checked J.POYNER
Authorised P.CURNOW (PE004069)	Date 11/11/22

MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 1
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

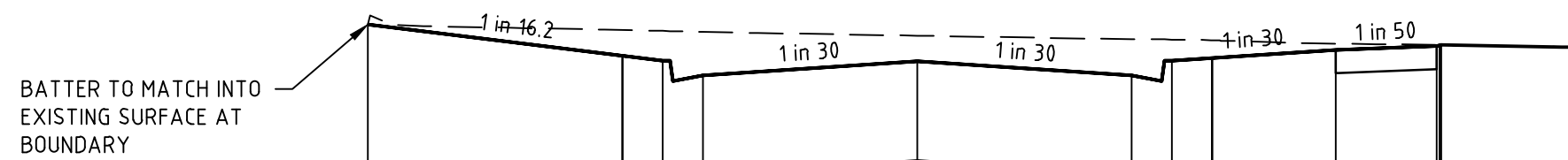
CONSTRUCTION Drg No 309857CR400 Rev 0

STRUCTURAL FILL IN ACCORDANCE
WITH CITY OF WHITTLESEA CIVIL
WORKS SPECIFICATION

100YR WL



HONNIBALL DRIVE CH 815.93



HONNIBALL DRIVE CH 924.93



Scale

H 1:100
SCALE @ A1
V 1:50

0 1 2 3 4 5

0 0.5 1 1.5 2 2.5



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

CONSTRUCTION Drg No **309857CR401** Rev **0**

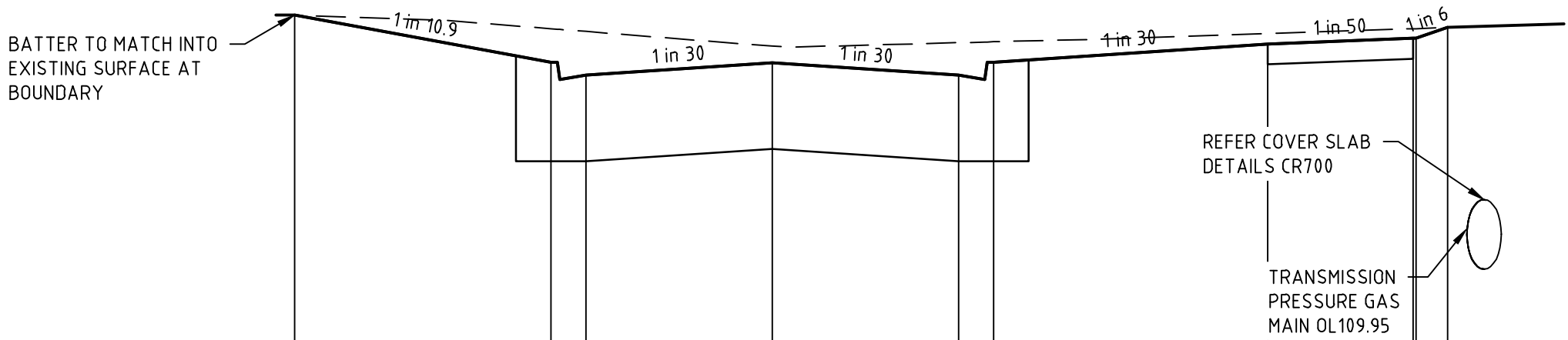
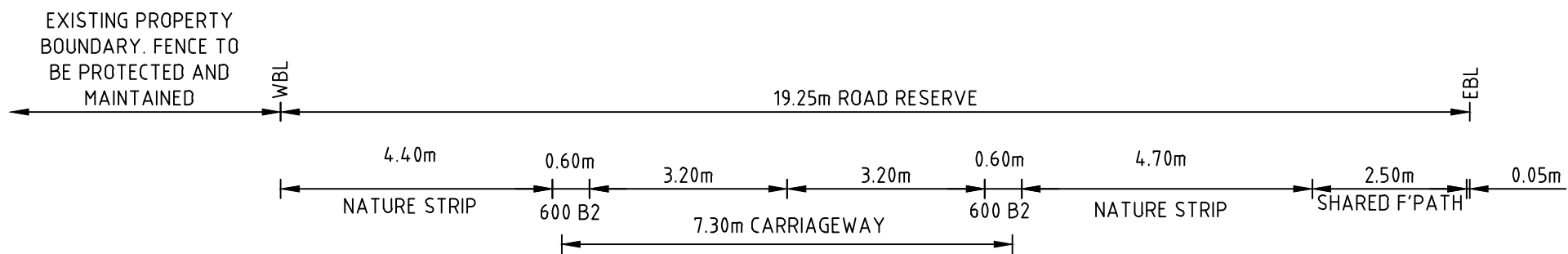
file name: 309857CR400.dwg, layout name: CR402, plotted by: Daniel Reid,
file location: \\spiire.com.au\data\00fa\30\309857\00\ACAD, plot date: 23/01/2026 15:9 PM Sheet: 8 of 17 Sheets

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



STRUCTURAL FILL IN ACCORDANCE WITH CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION

100YR WL

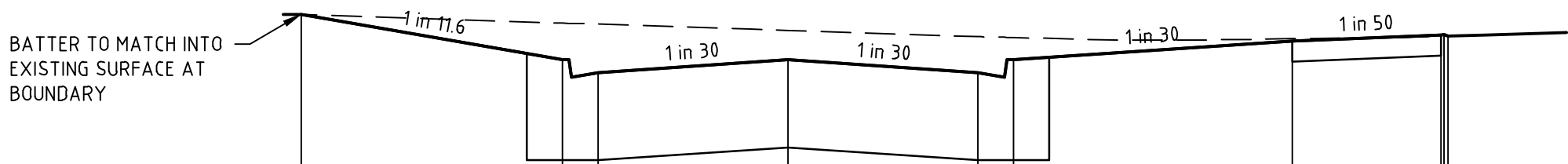


DATUM R.L.108.0

DESIGN SURFACE LEVEL	111.536		111.131	111.021		111.128		111.021	111.131		111.288		111.338	111.340	111.430
EXISTING SURFACE LEVEL	111.536		111.420	111.397		111.271		111.299	111.307		111.379		111.420	111.340	111.430
OFFSET	-8.200		-3.800	-3.200		0.000		3.200	3.800		8.504		11.004	11.054	11.596

HONNIBALL DRIVE

CH 1000.00

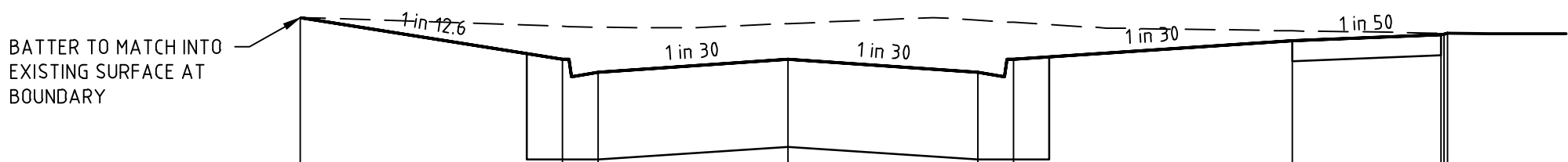


DATUM R.L.110.0

DESIGN SURFACE LEVEL	111.880		111.502	111.392		111.498		111.392	111.502		111.658		111.708	111.710	111.699
EXISTING SURFACE LEVEL	111.880		111.808	111.799		111.746		111.694	111.686		111.676		111.697	111.710	111.699
OFFSET	-8.200		-3.800	-3.200		0.000		3.200	3.800		8.504		11.004	11.054	11.122

HONNIBALL DRIVE

CH 986.00

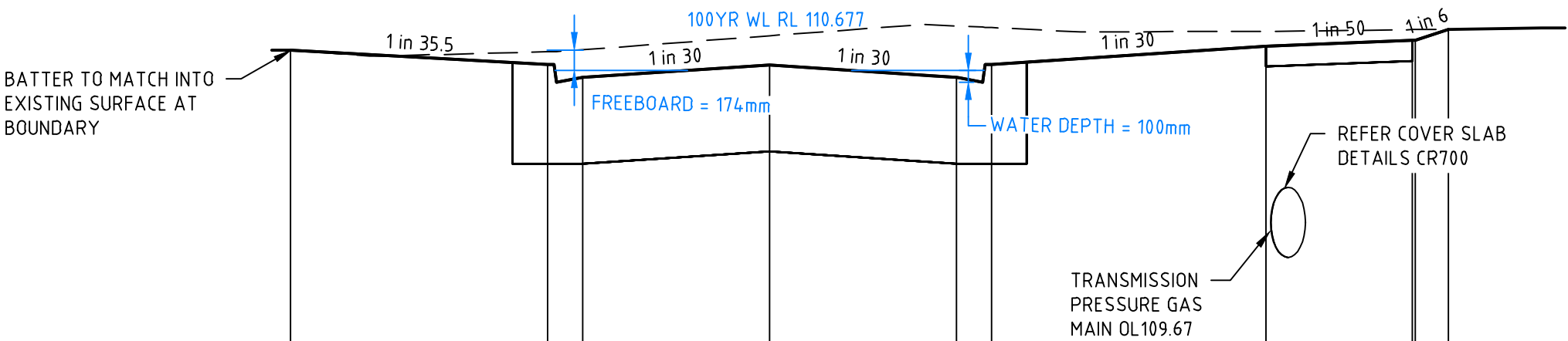
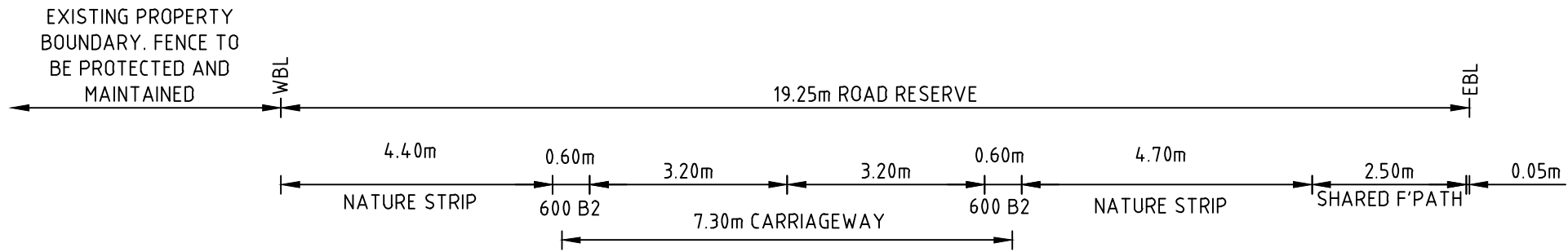


DATUM R.L.110.0

DESIGN SURFACE LEVEL	112.623		112.273	112.163		112.269		112.163	112.273		112.430		112.480	112.481	112.491
EXISTING SURFACE LEVEL	112.623		112.549	112.540		112.572		112.601	112.582		112.511		112.492	112.491	112.491
OFFSET	-8.200		-3.800	-3.200		0.000		3.200	3.800		8.504		11.004	11.054	11.113

HONNIBALL DRIVE

CH 954.93



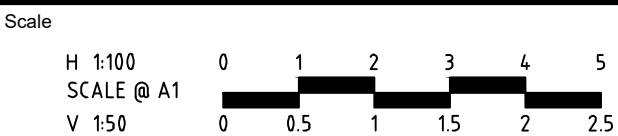
DATUM R.L.108.0

DESIGN SURFACE LEVEL	110.851		110.727	110.617		110.724		110.617	110.727		110.884		110.934	110.936	111.030
EXISTING SURFACE LEVEL	110.851		110.838	110.854		110.974		111.059	111.044		111.012		111.027	110.936	111.030
OFFSET	-8.200		-3.800	-3.200		0.000		3.200	3.800		8.504		11.004	11.054	11.621

HONNIBALL DRIVE

CH 1016.16

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
C	CROSS SECTIONS AMENDED TO MATCH REVISED ROAD GRADING	PC	21/12/23
B	CROSS SECTION NOTES AMENDED & SAN MARZANO STREET SECTIONS REMOVED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22



© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

spiire

L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

G:\30\306267\Civil\ACAD\External\Logo.png

Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)

Checked
J.POYNER
Date
11/11/22

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

CONSTRUCTION Drg No **309857CR402** Rev **0**

file name: 309857CR400.dwg, layout name: CR403, plotted by: Daniel Reed, file location: \\spire.com.au\\media\\Data\\309857\\00\\ACAD, plot date: 23/01/2026 15:9 PM Sheet: 9 of 17 Sheets

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

STRUCTURAL FILL IN ACCORDANCE WITH CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION

100YR WL

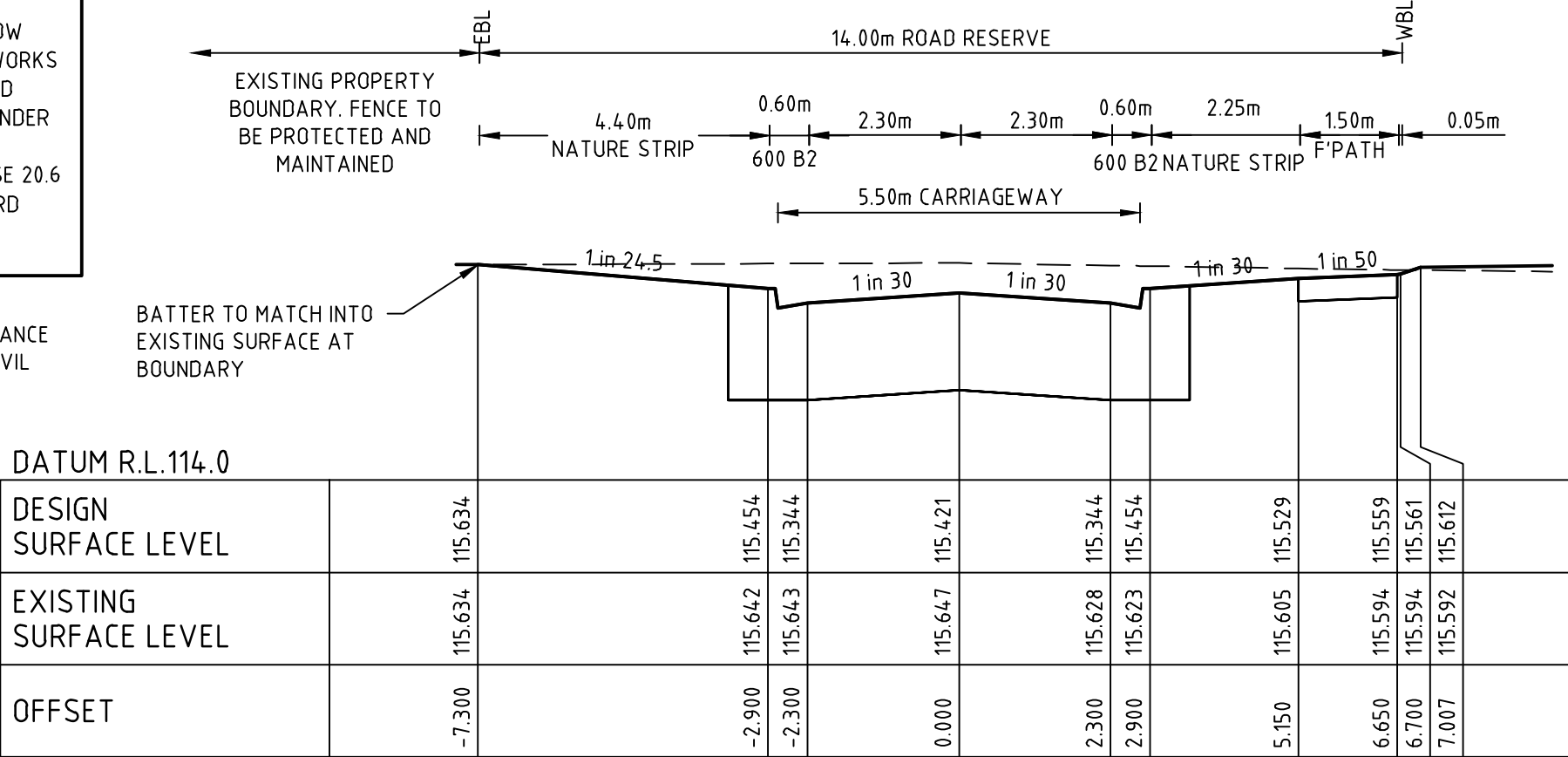


FIG TERRACE CH 384.14

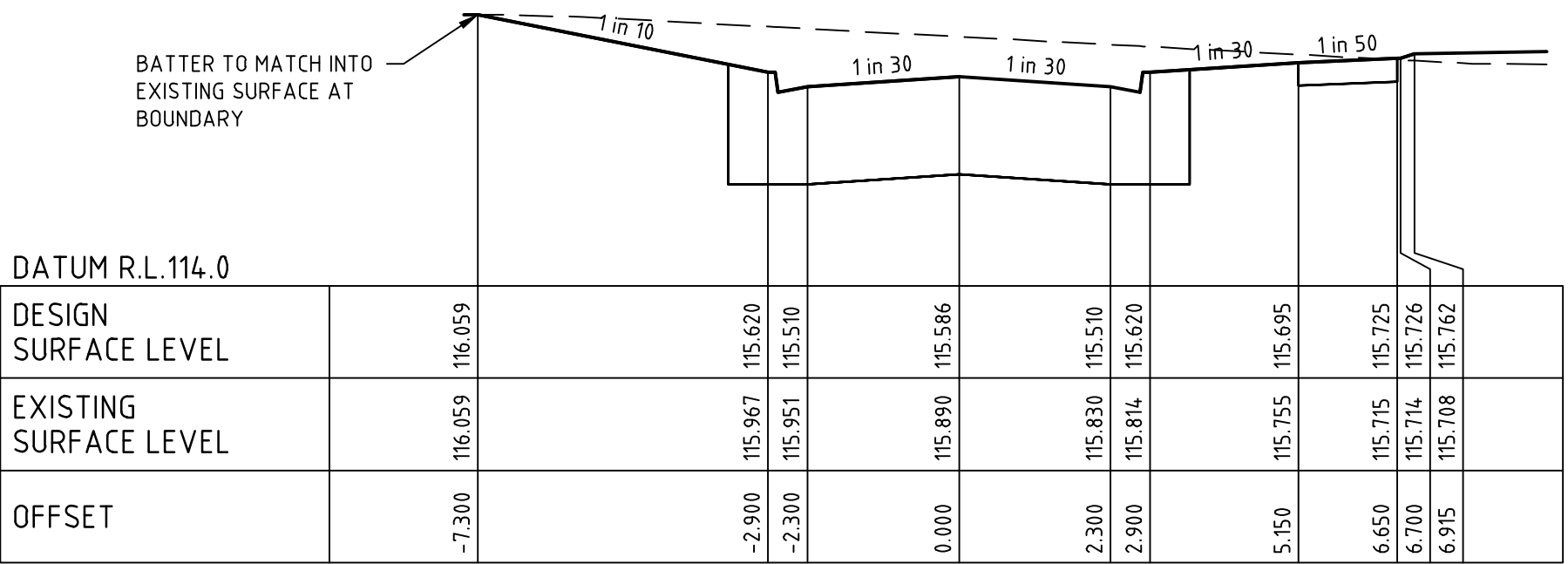


FIG TERRACE CH 360.54

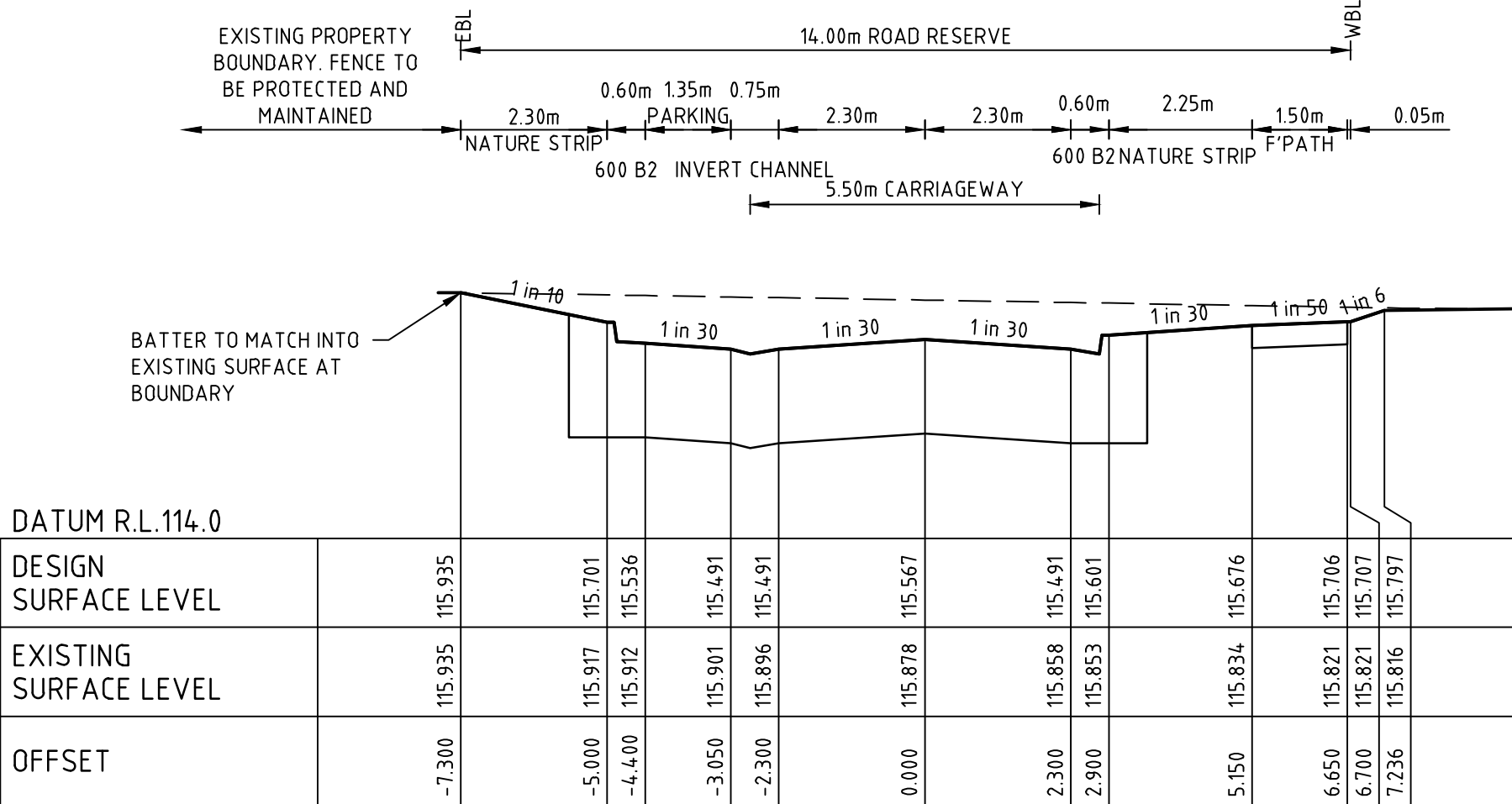


FIG TERRACE CH 334.34

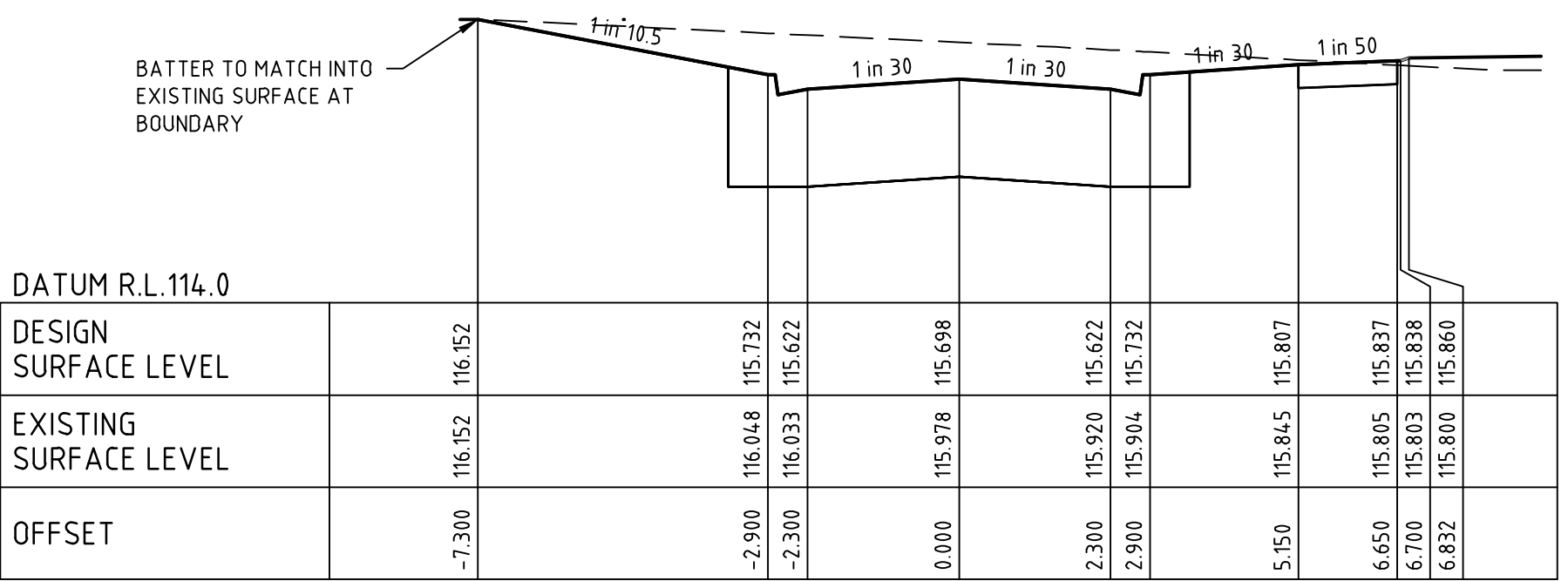


FIG TERRACE CH 308.14

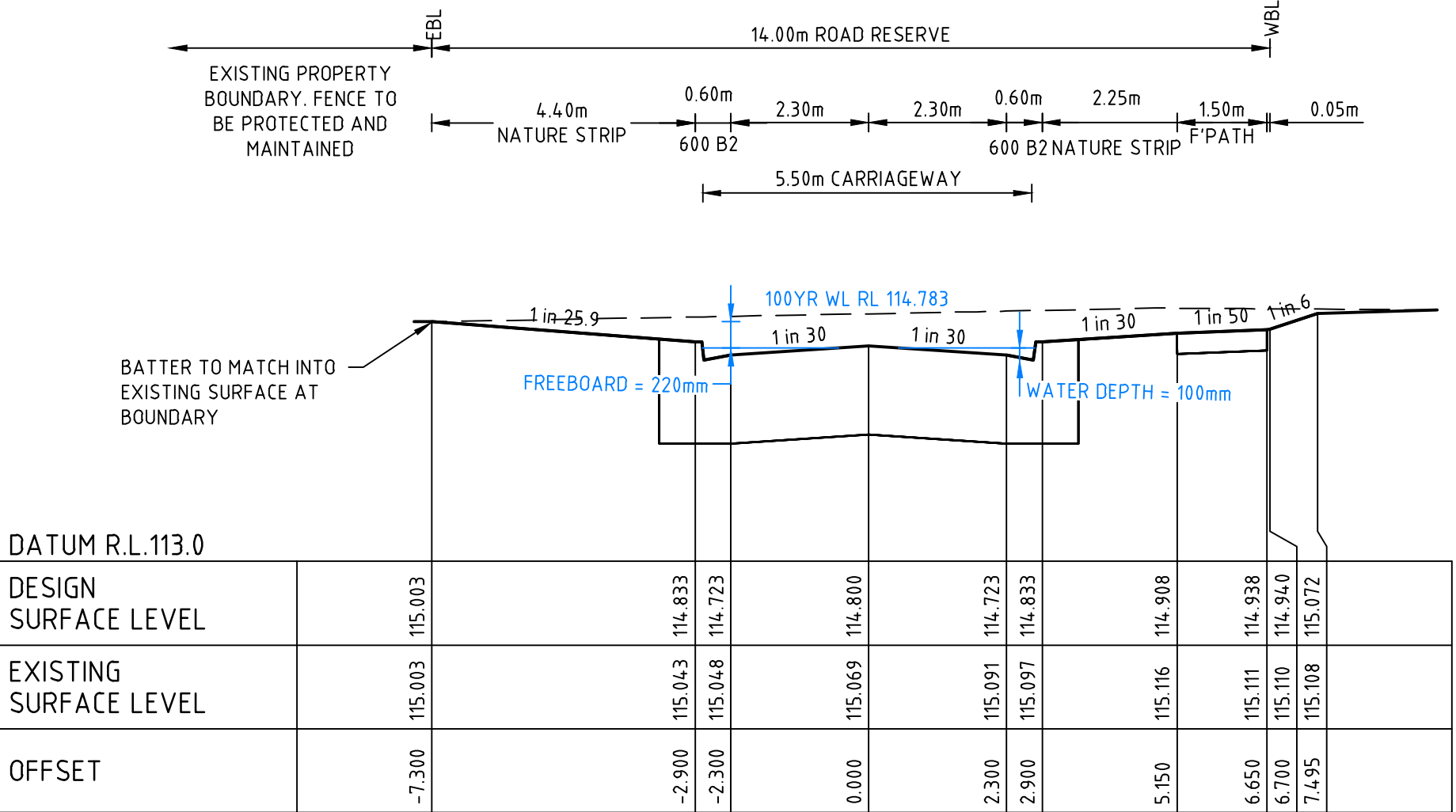


FIG TERRACE CH 451.84

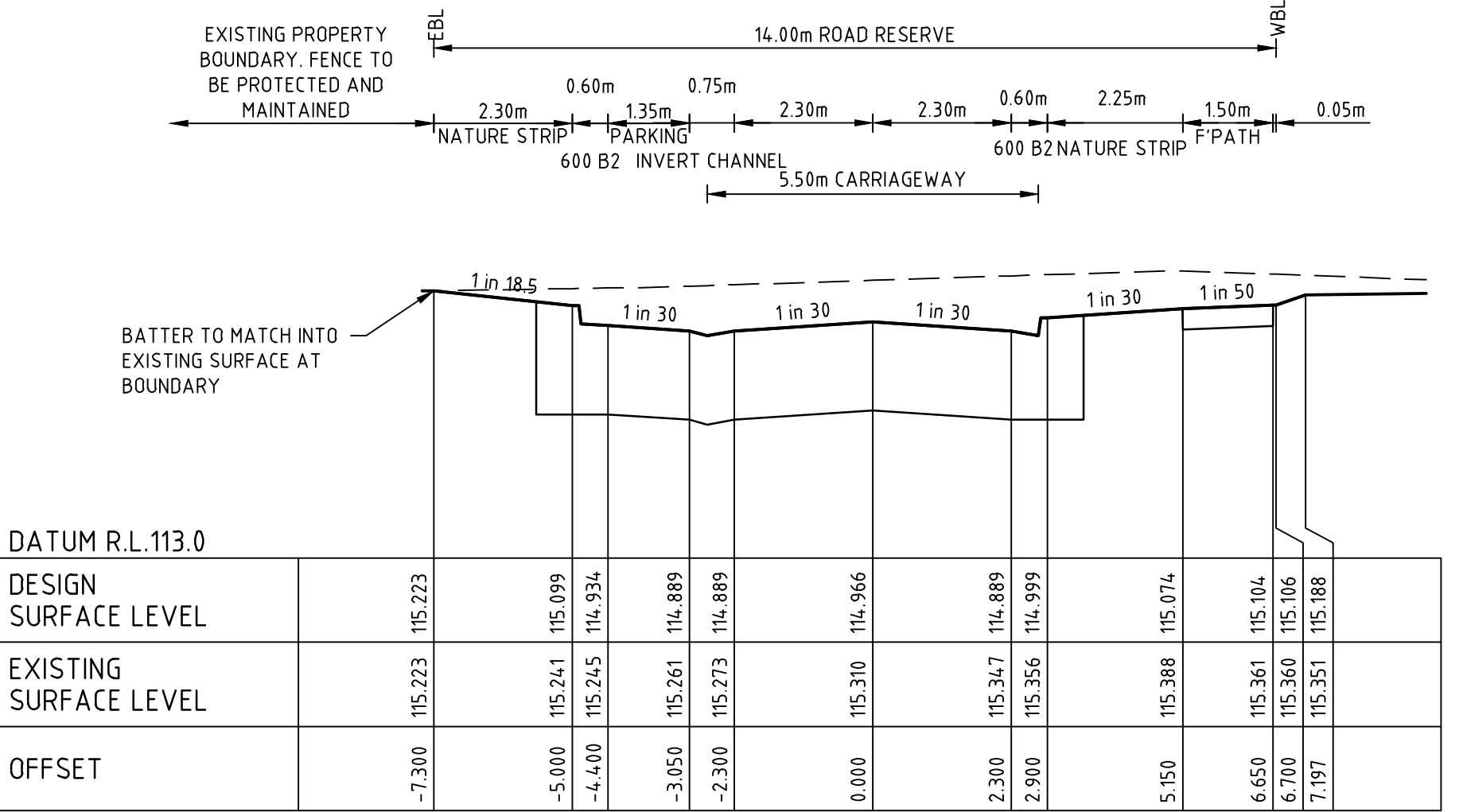


FIG TERRACE CH 433.34

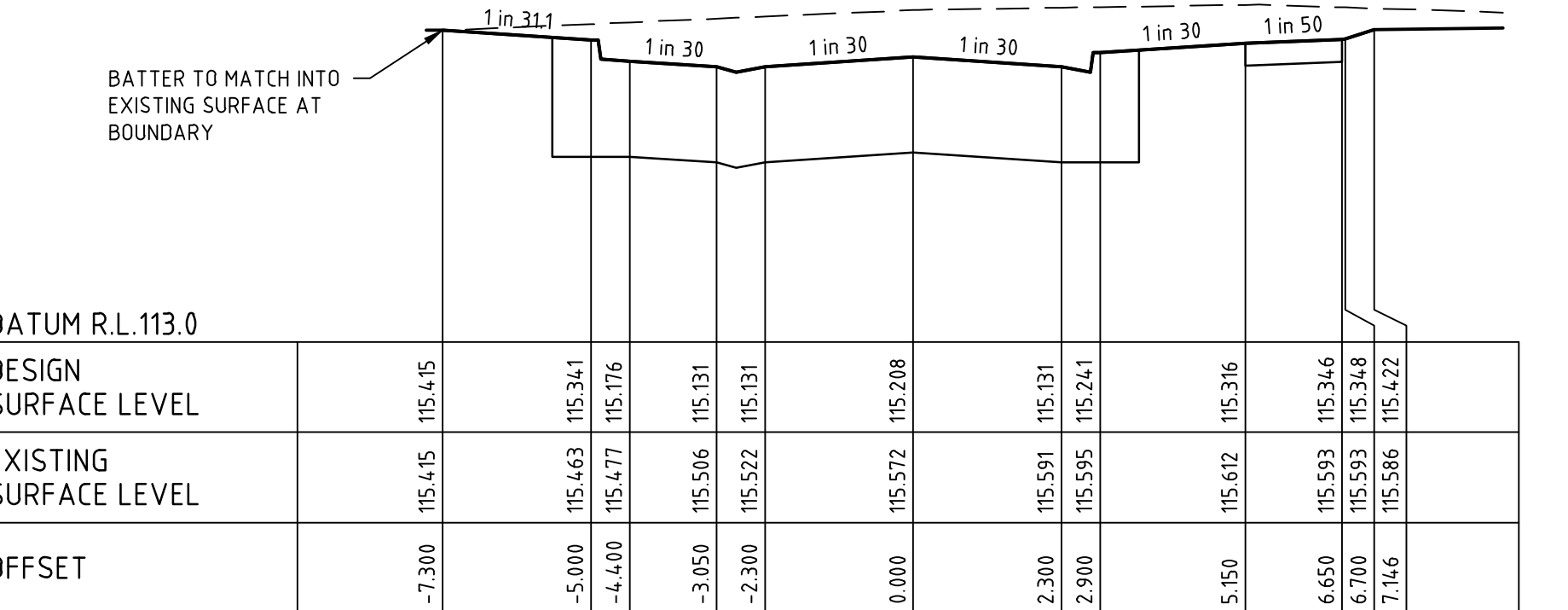
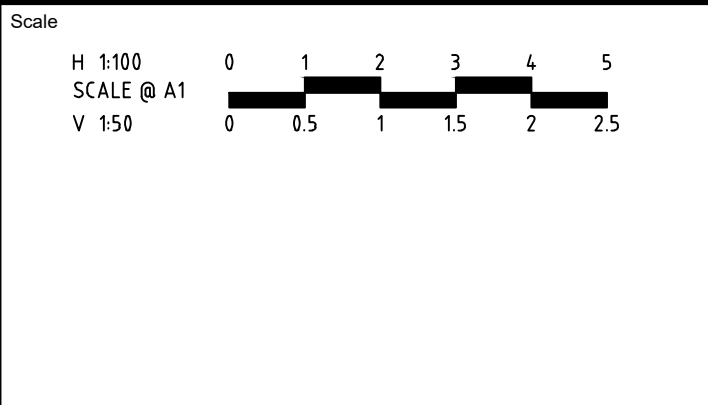


FIG TERRACE CH 410.84

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
B	CROSS SECTION NOTES AMENDED & SECTIONS REMOVED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22



System Certified

© Spiire Australia Pty Ltd All Rights Reserved

This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

spiire

L6 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 H.KURMUS	Checked J.POYNER
Authorised P.CURNOW (PE004069)	Date 11/11/22

MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 4
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION

Drg No
309857CR403

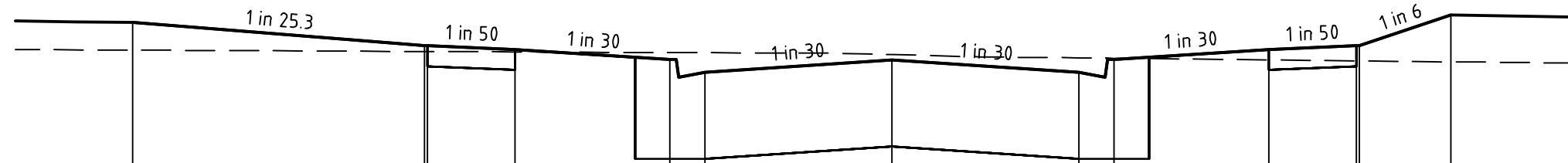
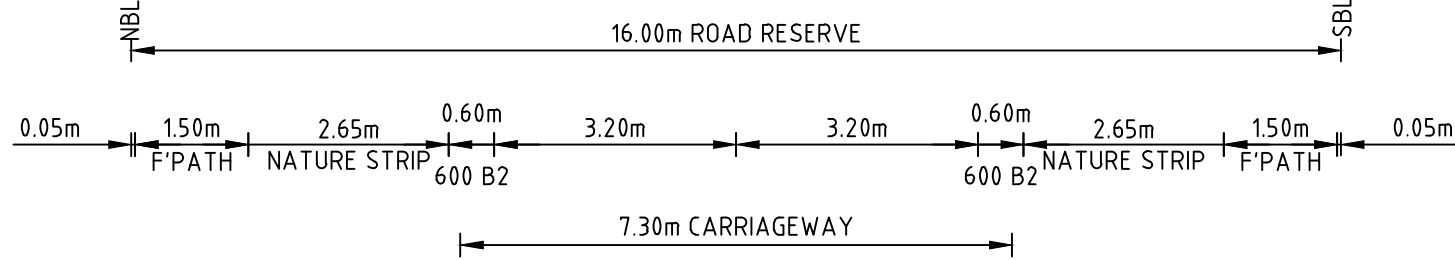
Rev
0

file name: 309857CR400.dwg, layout name: CR400, plotted by: Daniel Oard, file location: \\spiire.com.au\media\00a\030\309857\Civil\ACAD\Plot date: 23/01/2026 15:9 PM Sheet: 10 of 17 Sheets

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

STRUCTURAL FILL IN ACCORDANCE WITH CITY OF WHITTLESEA CIVIL WORKS SPECIFICATION

100YR WL

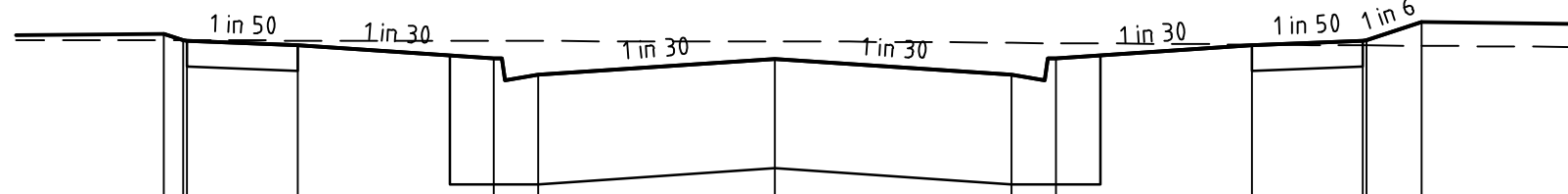


DATUM R.L.113.0

DESIGN SURFACE LEVEL	115.447	115.249	115.247	115.217	115.129	115.019	115.126	115.019	115.129	115.217	115.247	115.510
EXISTING SURFACE LEVEL	115.211	115.199	115.199	115.196	115.189	115.188	115.173	115.144	115.141	115.127	115.119	115.111
OFFSET	-13.000	-8.000	-7.950	-6.450	-3.800	-3.200	0.000	3.200	3.800	6.450	7.950	9.564

OXHEART STREET

CH 58.62

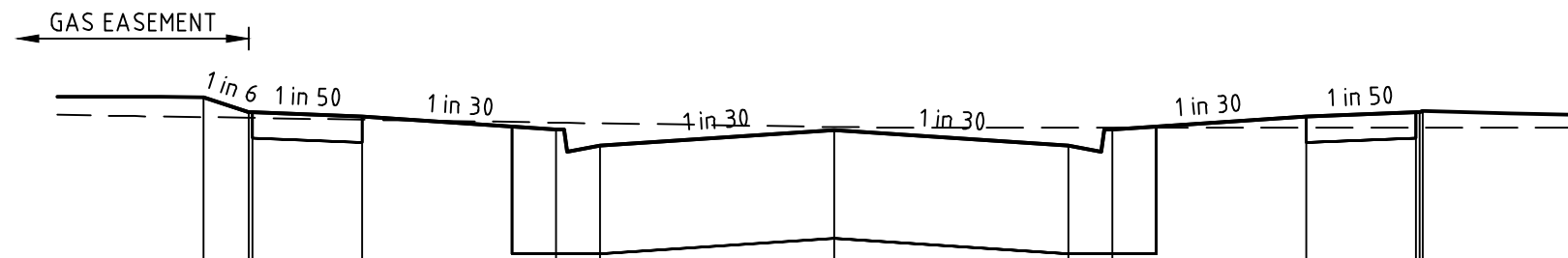
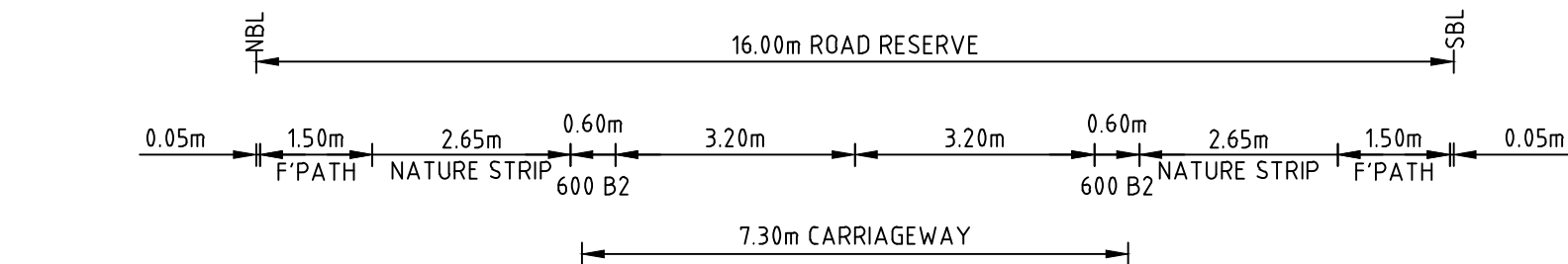


DATUM R.L.113.0

DESIGN SURFACE LEVEL	114.833	114.790	114.788	114.758	114.670	114.666	114.560	114.670	114.758	114.788	114.790	114.913
EXISTING SURFACE LEVEL	114.791	114.790	114.789	114.786	114.786	114.783	114.774	114.771	114.762	114.756	114.754	114.754
OFFSET	-8.262	-8.000	-7.950	-6.450	-3.800	-3.200	0.000	3.200	3.800	6.450	7.950	8.742

OXHEART STREET

CH 37.91

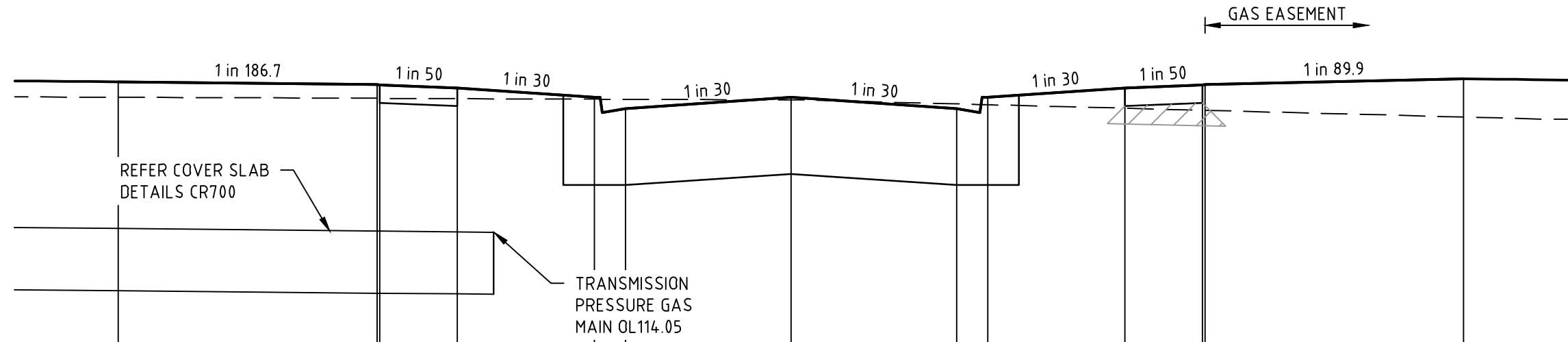


DATUM R.L.114.0

DESIGN SURFACE LEVEL	115.782	115.680	115.678	115.648	115.560	115.450	115.557	115.450	115.560	115.648	115.678	115.680
EXISTING SURFACE LEVEL	115.645	115.640	115.640	115.628	115.608	115.603	115.578	115.574	115.574	115.573	115.573	115.687
OFFSET	-8.615	-8.000	-7.950	-6.450	-3.800	-3.200	0.000	3.200	3.800	6.450	7.950	8.041

OXHEART STREET

CH 100.74



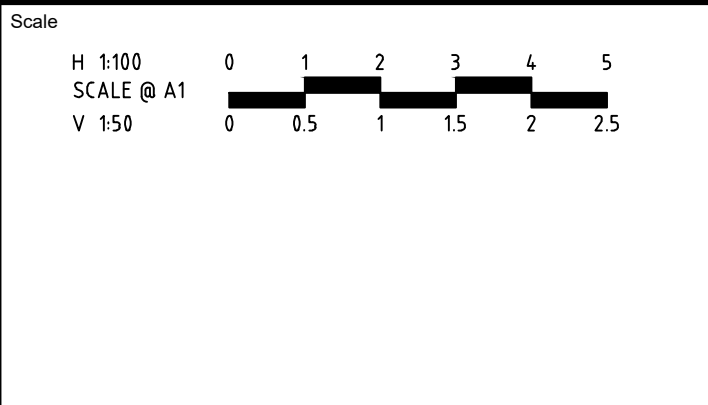
DATUM R.L.112.0

DESIGN SURFACE LEVEL	115.529	115.502	115.501	115.471	115.382	115.272	115.379	115.272	115.382	115.471	115.501	115.558
EXISTING SURFACE LEVEL	115.381	115.371	115.371	115.367	115.362	115.361	115.354	115.317	115.309	115.275	115.265	115.190
OFFSET	-13.000	-8.000	-7.950	-6.450	-3.800	-3.200	0.000	3.200	3.800	6.450	7.950	12.999

OXHEART STREET

CH 71.59

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
B	CROSS SECTION REMOVED & AMENDED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22

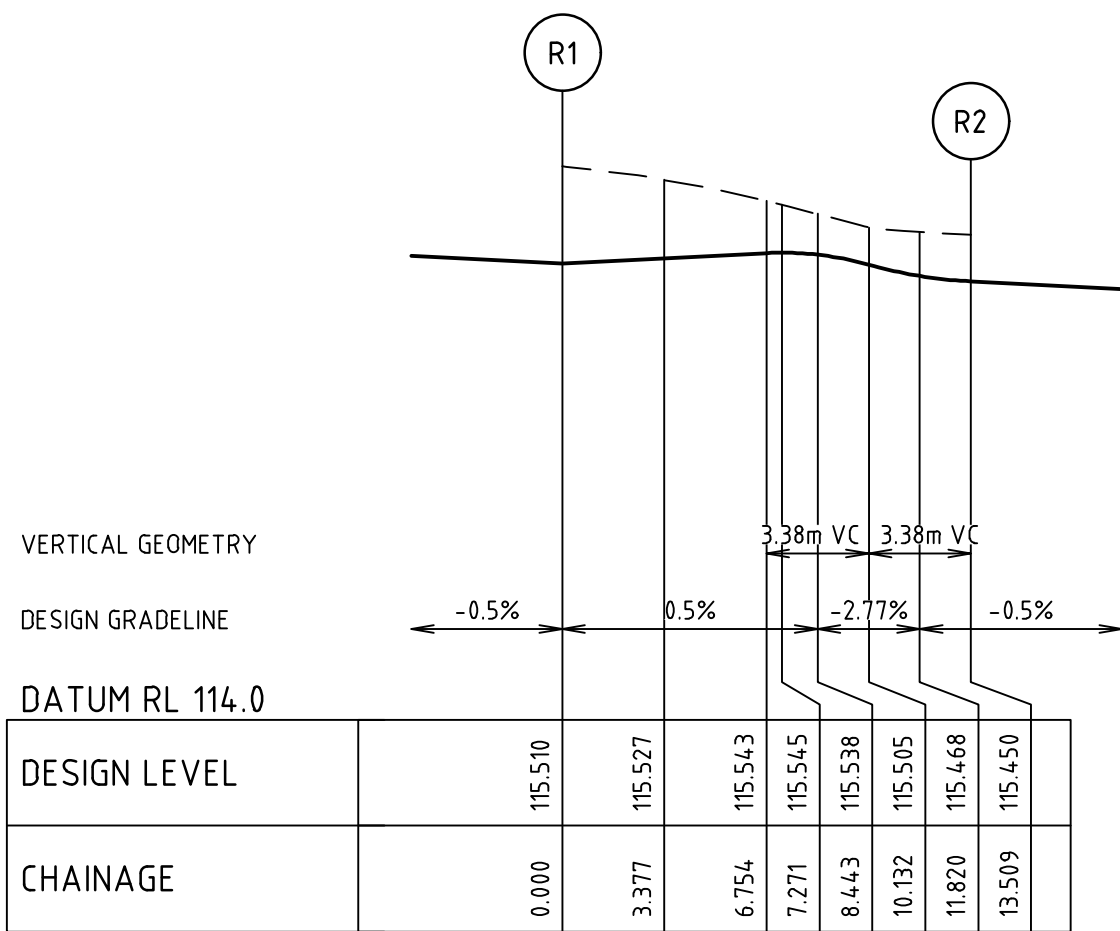
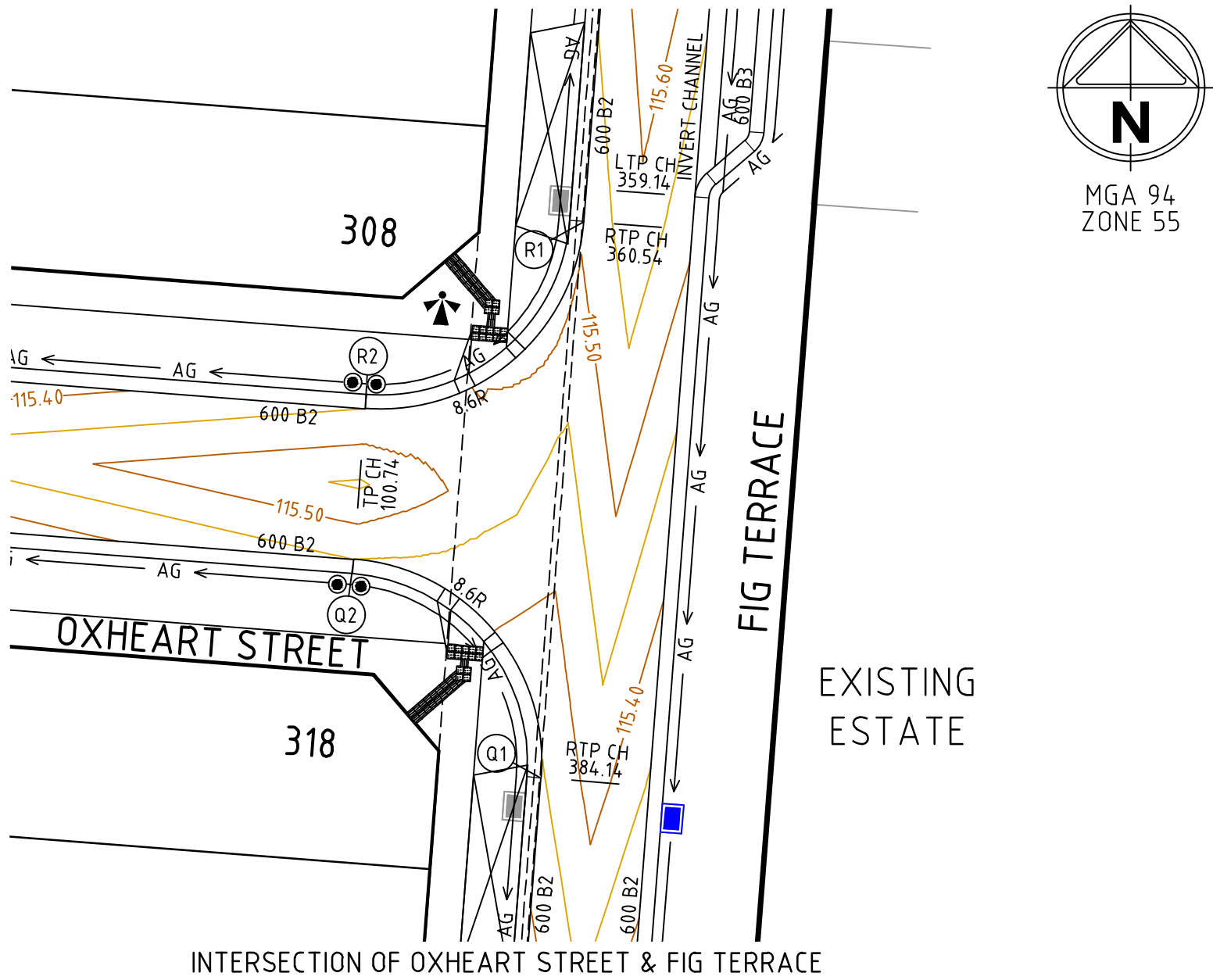


Designed H.KURMUS	Checked J.POYNER
Authorised P.CURNOW (PE004069)	Date 11/11/22

MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 5
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION Drg No 309857CR404 Rev 0

file name: 309857CR500.dwg, layout name: CR500, created by: Daniel Deard, file location: \\spiire.com.au\media\00Data\30\309857\00\ACAD\001 date: 23/01/2026 15:59 PM Sheet: 11 of 17 Sheets

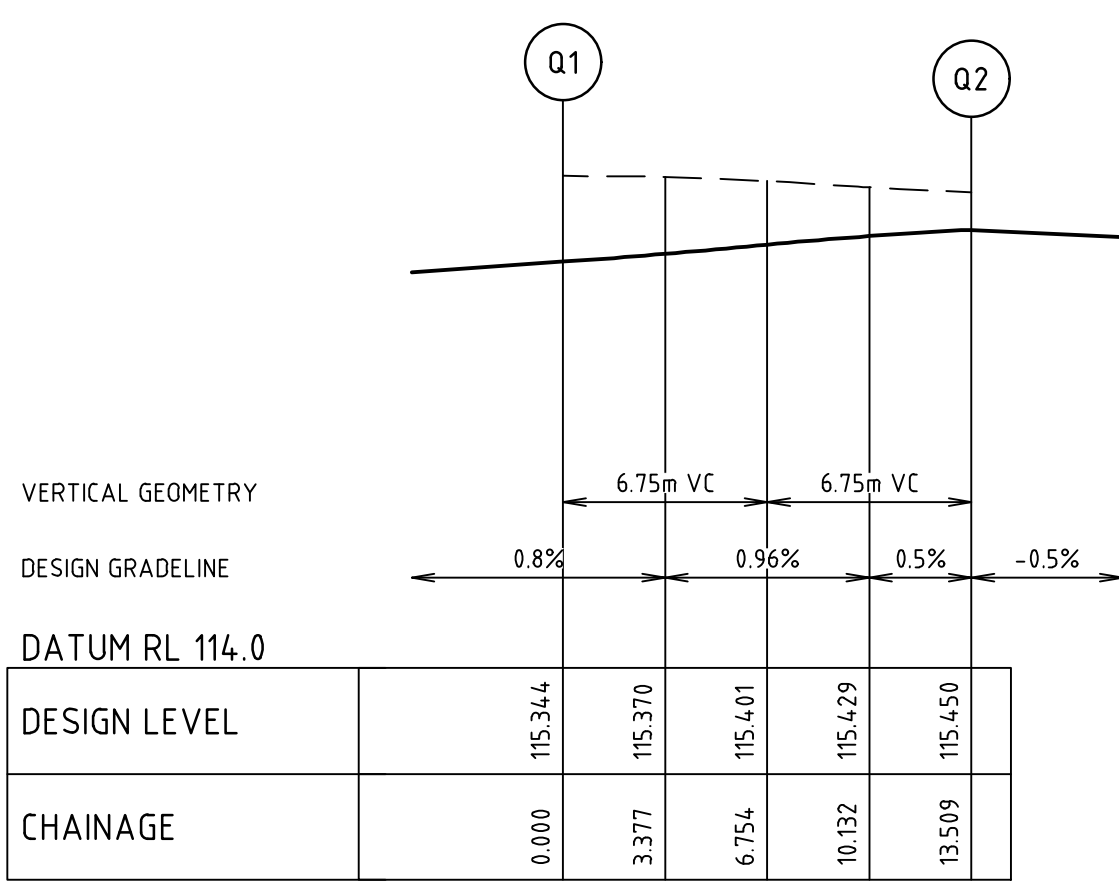


ALIGNMENT R

ALIGNMENT R

POINT NO	EASTING	NORTHING	RL
R1	322394.091	5828396.548	115.510
1/4	322393.187	5828393.317	115.527
1/2	322391.114	5828390.678	115.543
3/4	322388.190	5828389.033	115.505
R2	322384.858	5828388.632	115.450

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
R1- R2	8.600	13.509	12.162	2.519	0.655

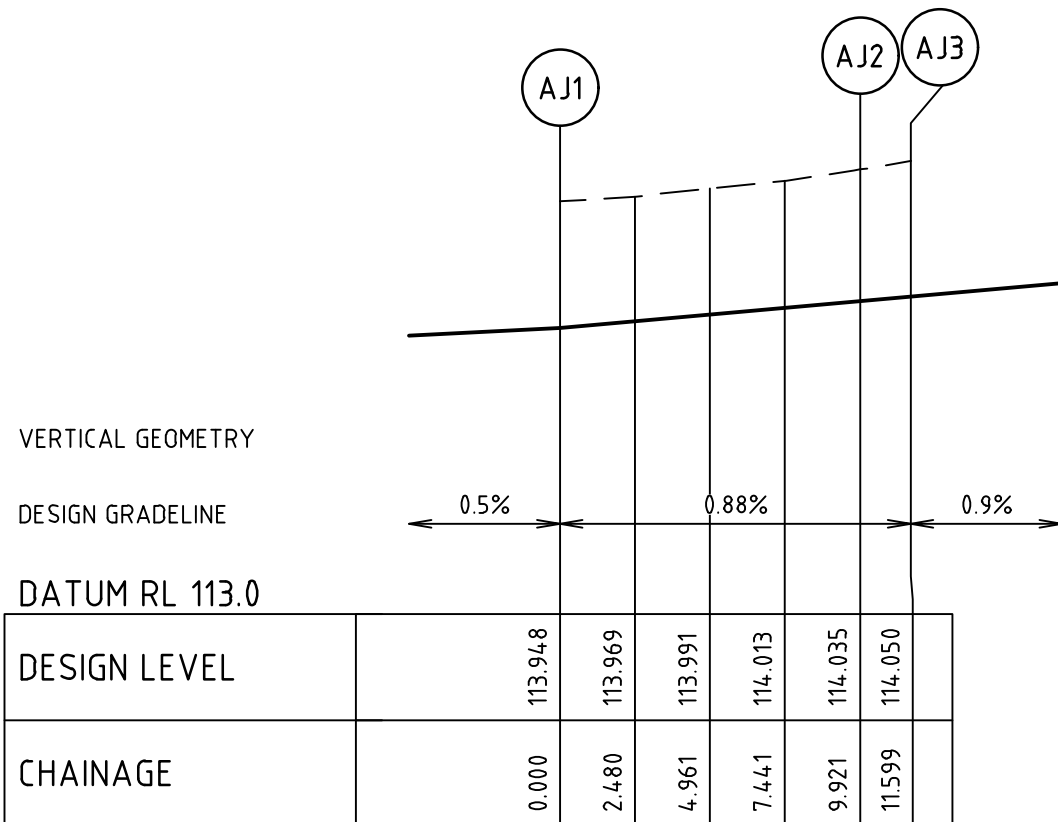
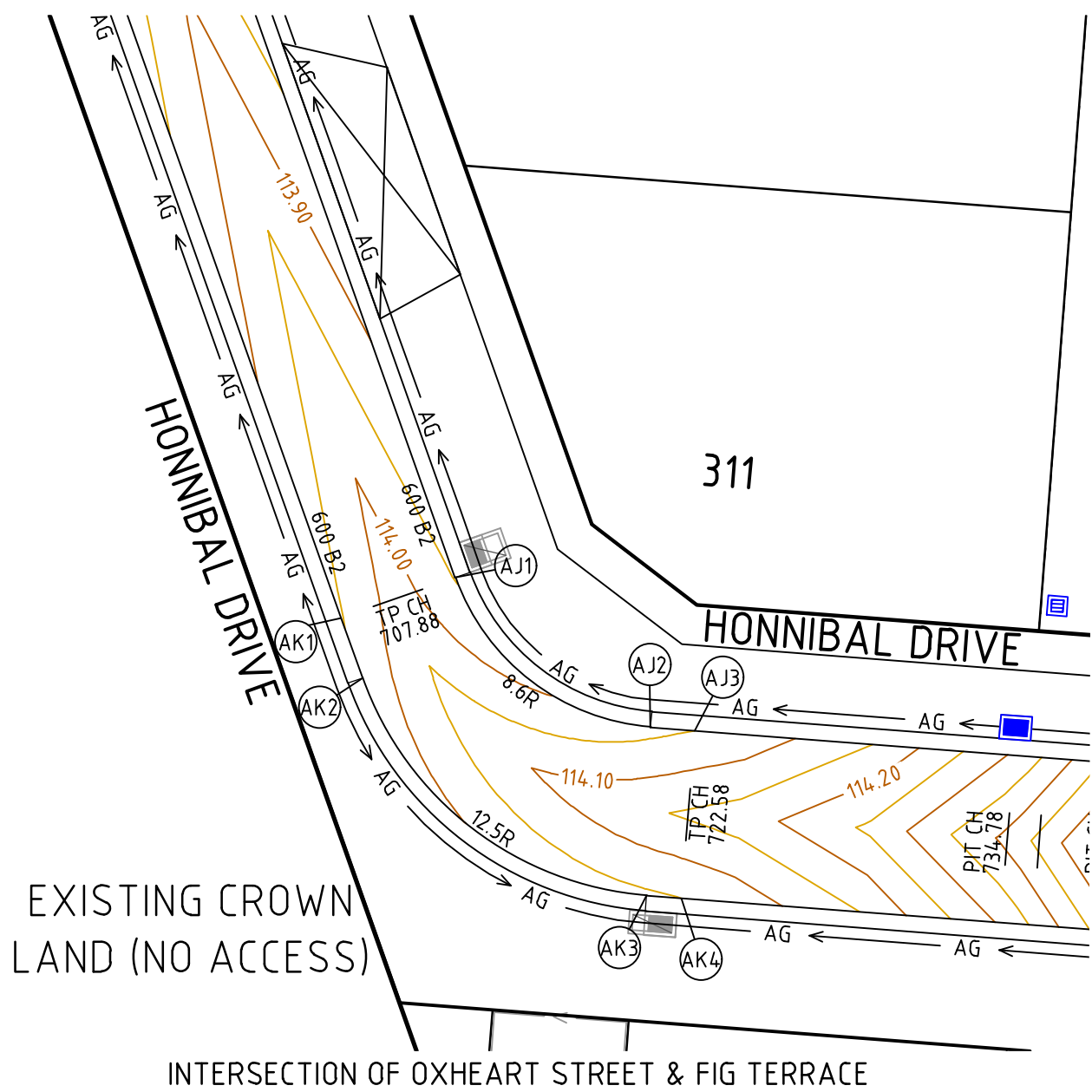
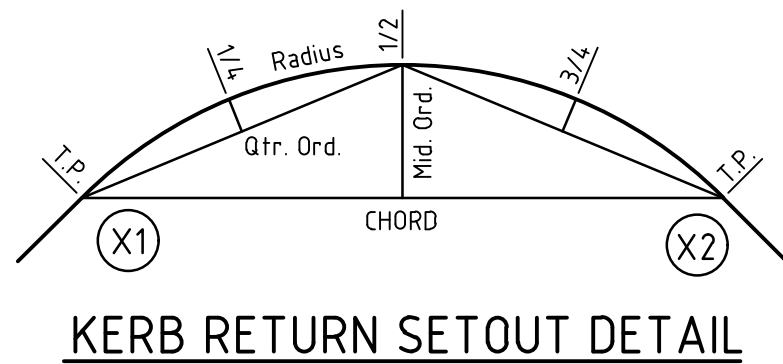


ALIGNMENT Q

ALIGNMENT Q

POINT NO	EASTING	NORTHING	RL
Q1	322392.285	5828373.018	115.344
1/4	322391.884	5828376.349	115.370
1/2	322390.239	5828379.274	115.401
3/4	322387.599	5828381.346	115.429
Q2	322384.368	5828382.251	115.450

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
Q1- Q2	8.600	13.509	12.162	2.519	-0.655

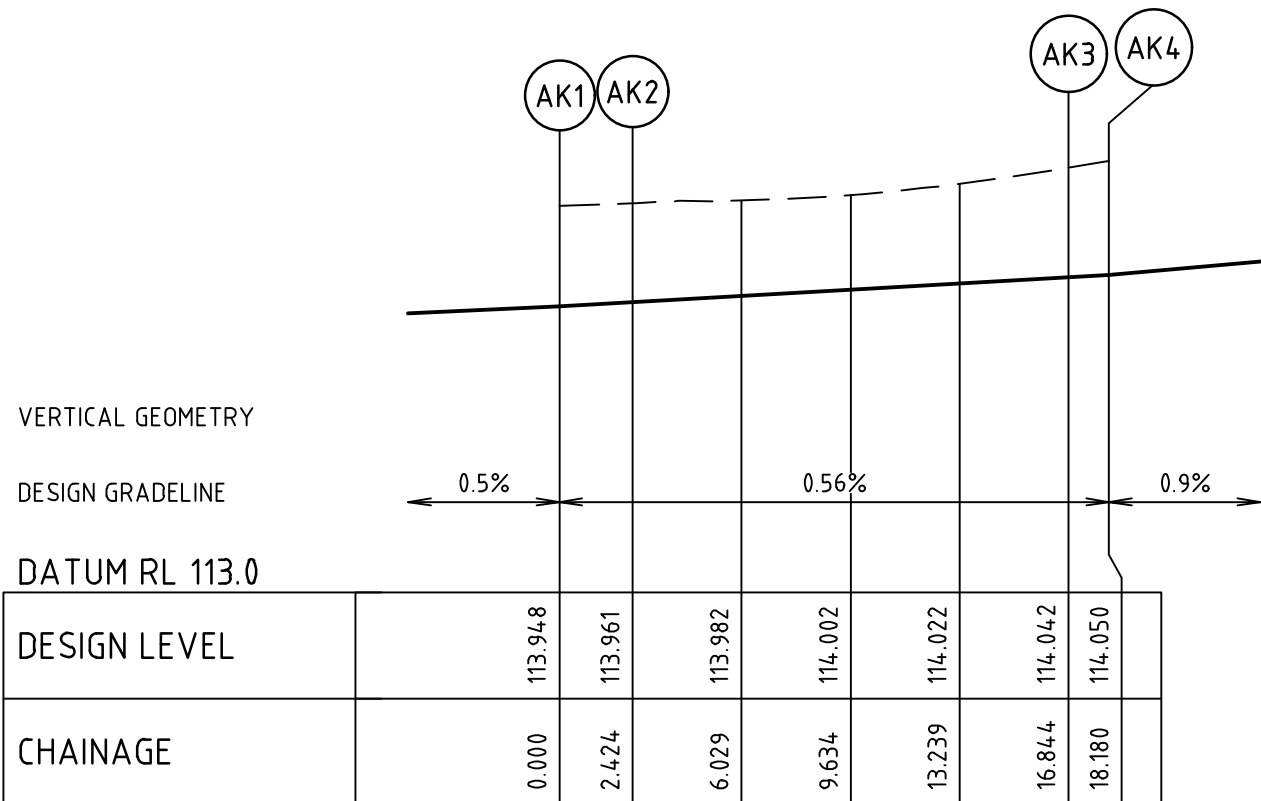


ALIGNMENT AJ

ALIGNMENT AJ

POINT NO	EASTING	NORTHING	RL
AJ1	322313.943	5828306.936	113.948
1/4	322315.095	5828304.749	113.969
1/2	322316.821	5828302.980	113.991
3/4	322318.979	5828301.776	114.013
AJ2	322321.391	5828301.234	114.035
AJ3	322323.064	5828301.106	114.050

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
AJ1- AJ2	8.600	9.921	9.380	1.391	-0.355



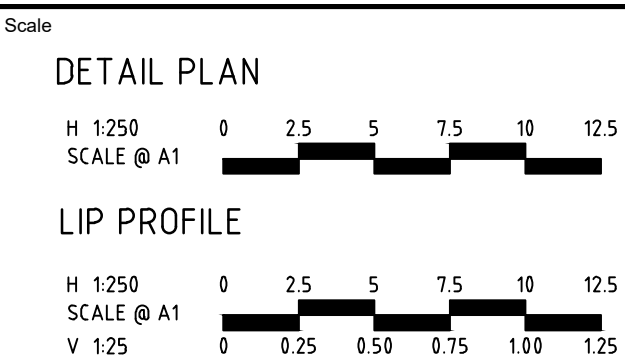
ALIGNMENT AK

ALIGNMENT AK

POINT NO	EASTING	NORTHING	RL
AK1	322309.607	5828305.400	113.948
AK2	322310.417	5828303.115	113.961
1/4	322312.091	5828299.936	113.982
1/2	322314.600	5828297.365	114.002
3/4	322317.737	5828295.614	114.022
AK3	322321.243	5828294.827	114.042
AK4	322322.574	5828294.725	114.050

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
AK2- AK3	12.500	14.420	13.634	2.022	-0.516

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
B	INTERSECTION REMOVED AS NOW PART OF STAGE 2	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22



© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

spiire

L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

\\spiire.com.au\media\00Data\30\309857\Civil\ACAD\External\Logo.png

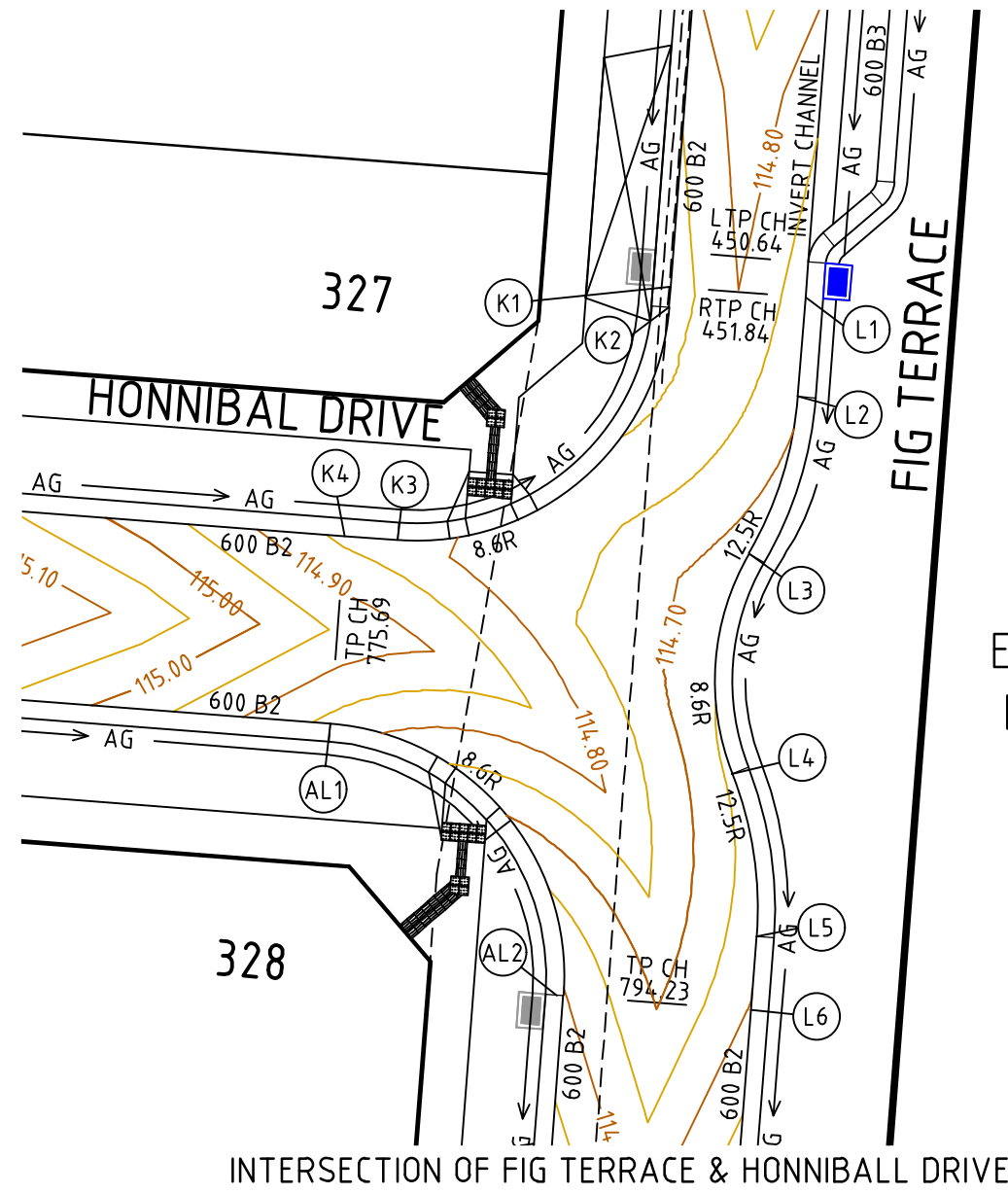
Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)

Checked
J.POYNOR
Date
11/11/22

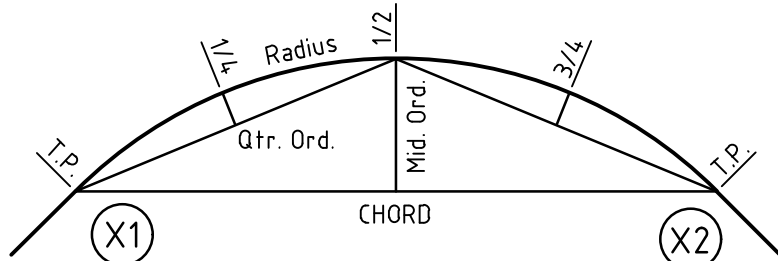
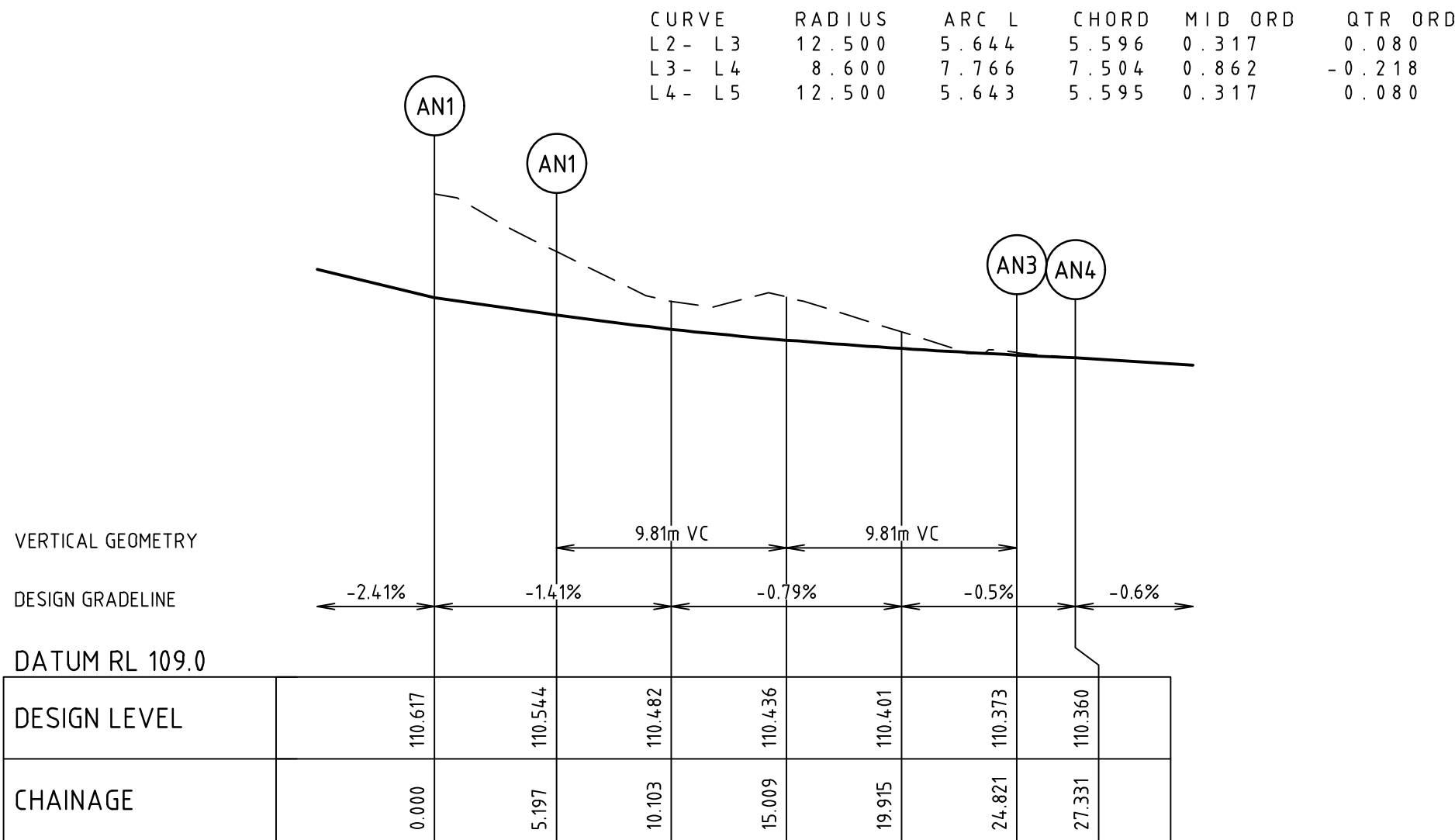
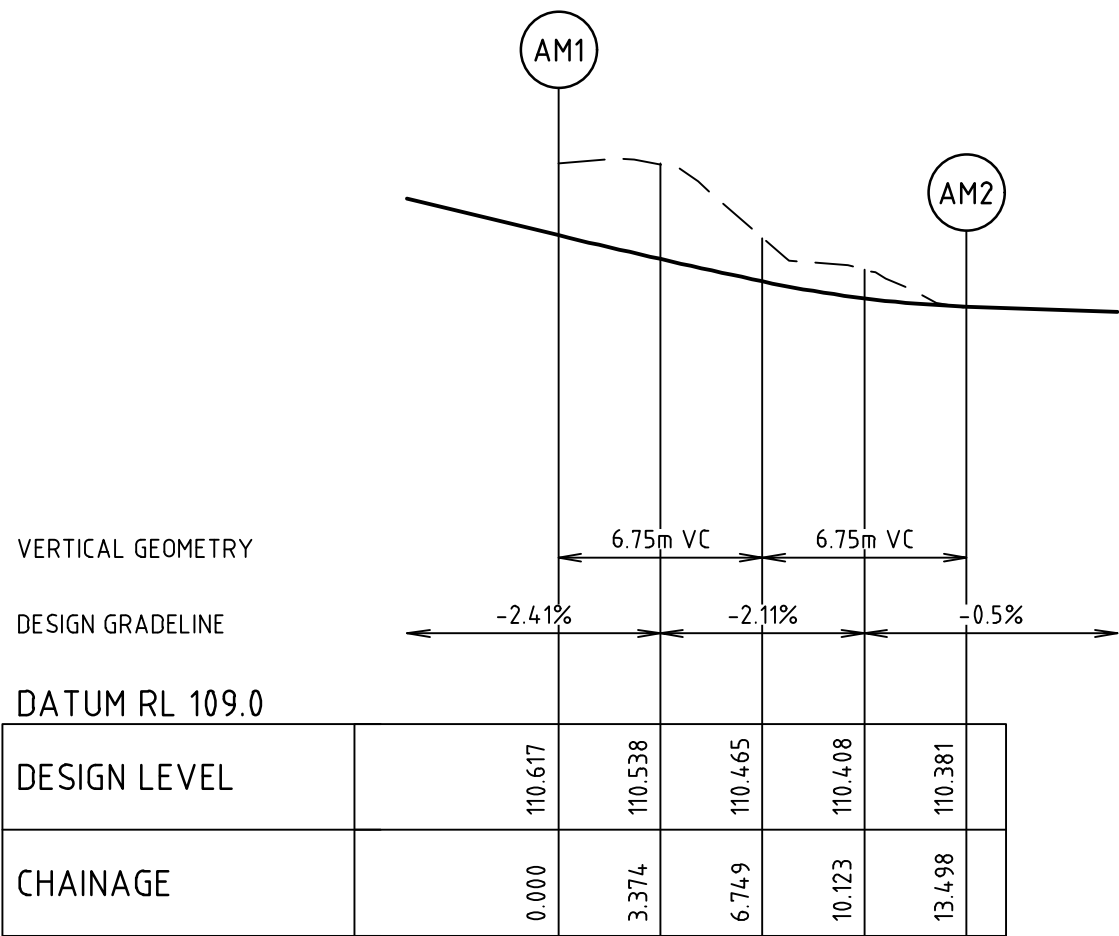
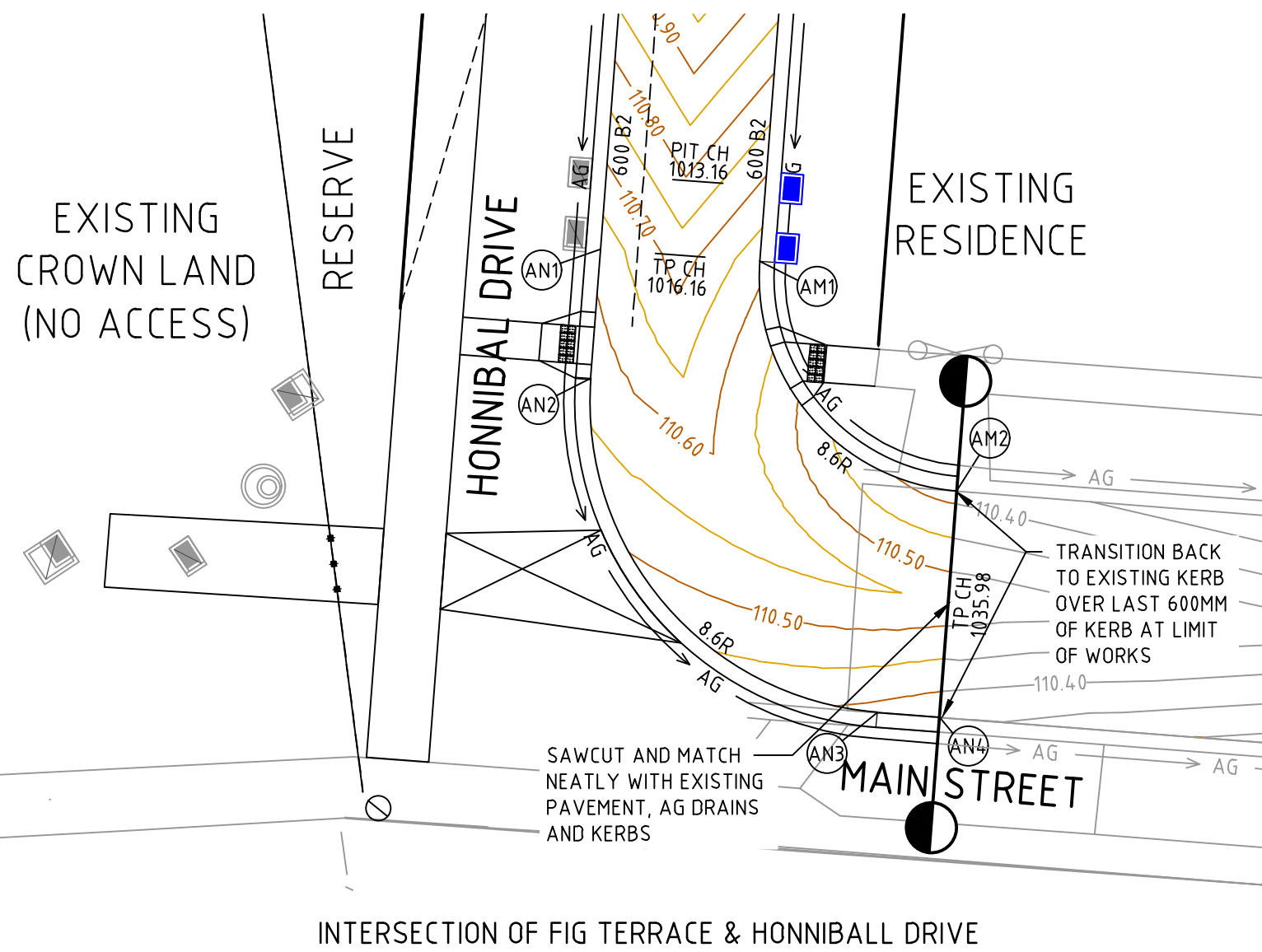
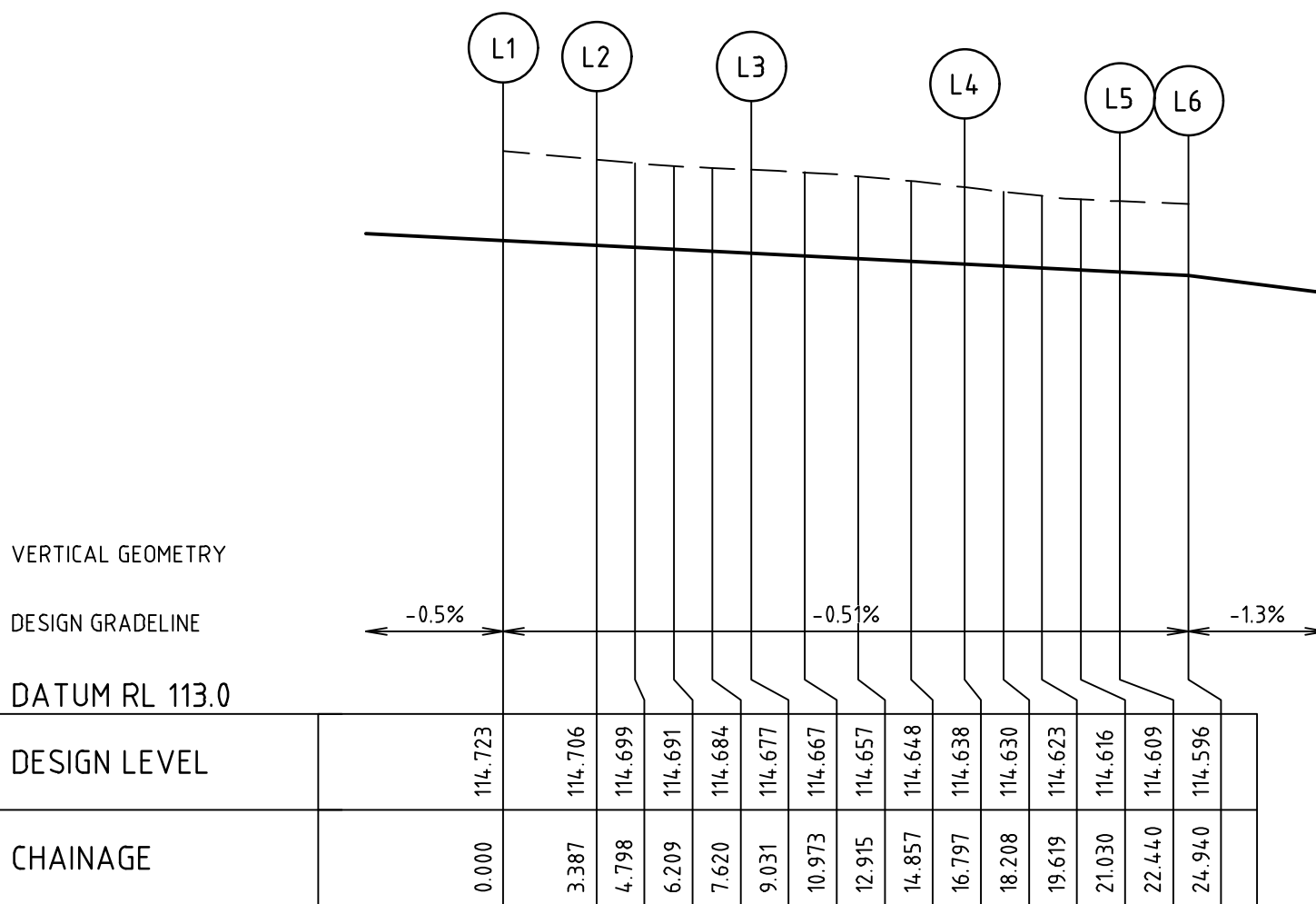
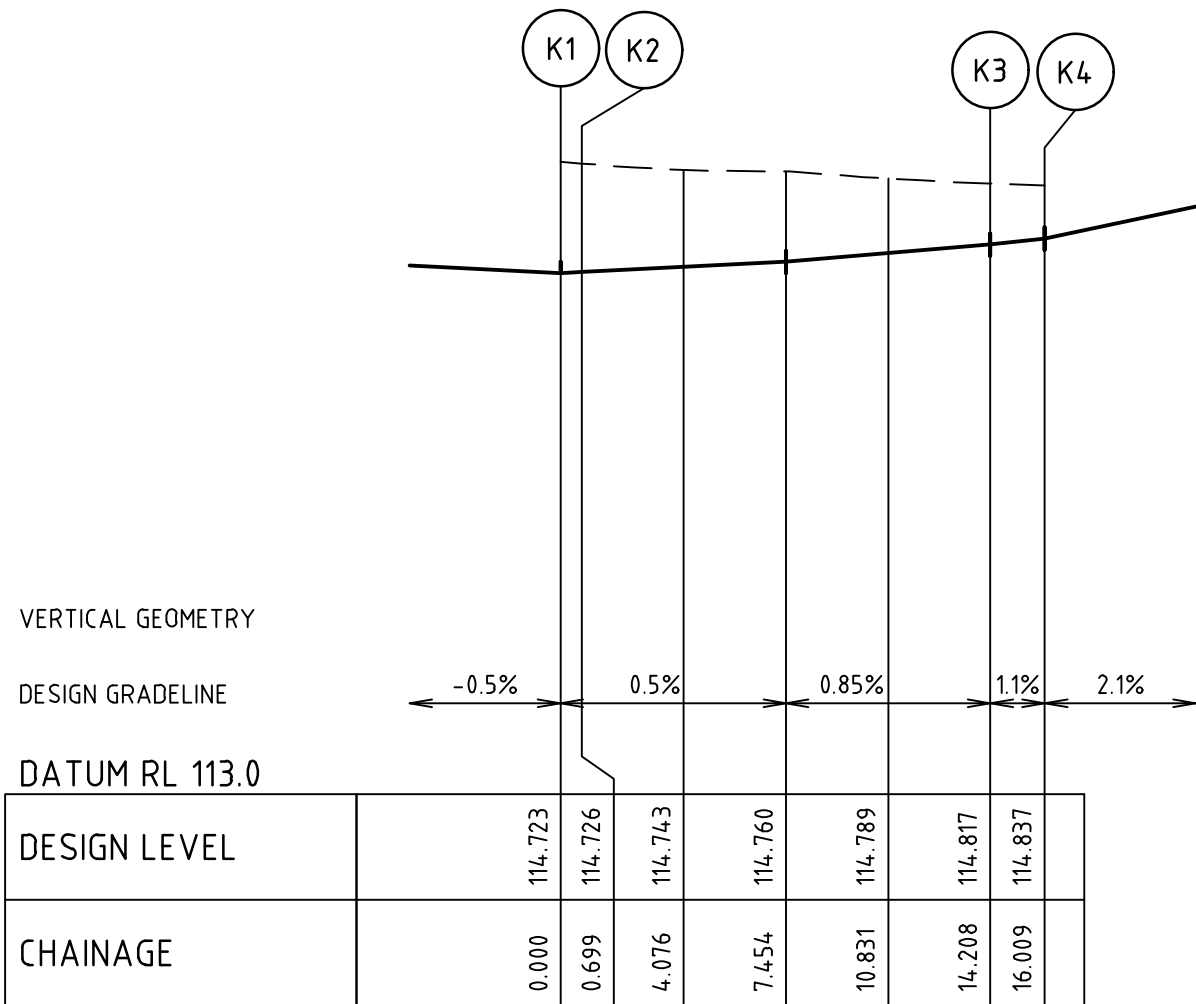
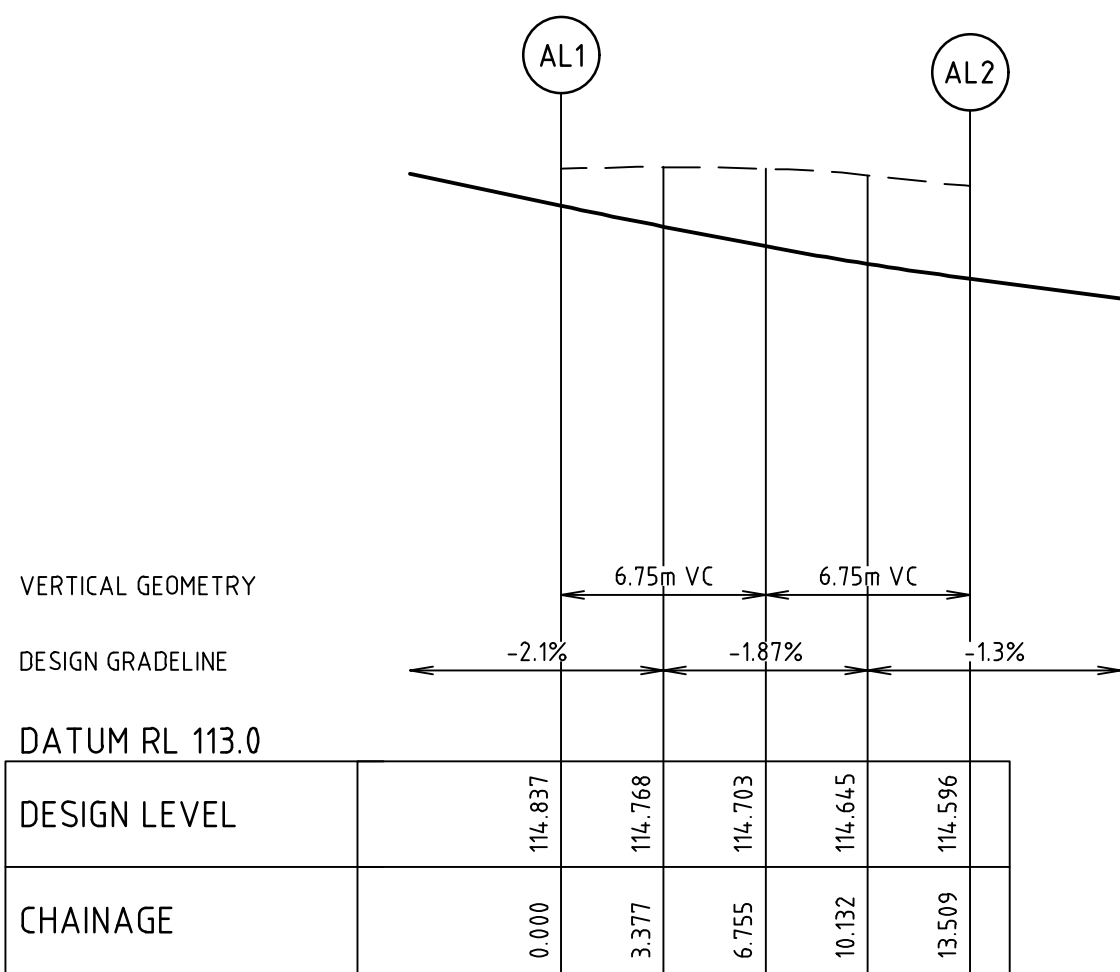
**MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
INTERSECTION DETAILS - SHEET 1**
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION Drg No 309857CR500 Rev 0

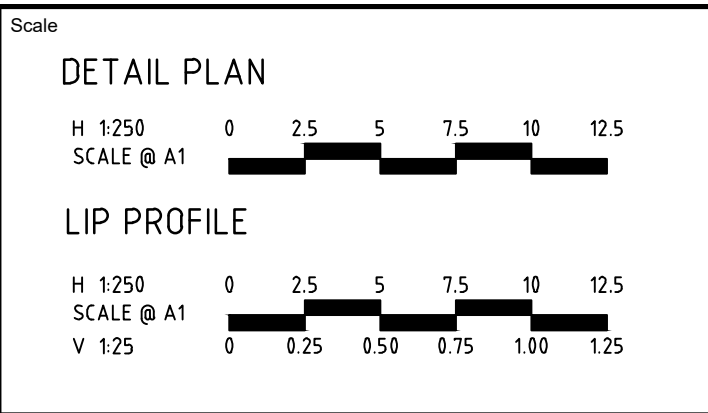
file name: 309857CR501.dwg, layout name: CR501, plotted by: Daniel Deed, file location: \\spire.com.au\\media\\Data\\30\\309857\\Civil\\ACAD\\External\\Vogo.png, date: 23/01/2026 15:59 PM, Sheet: 12 of 17, Sheets



EXISTING
ESTATE



Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
B	INTERSECTION UPDATED TO REMOVE ISLAND, KRET UPDATED	P.C.	31/10/23
A	PRELIMINARY ISSUE	P.C	11/11/22



L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

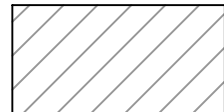
\\spire.com.au\\media\\Data\\30\\309857\\Civil\\ACAD\\External\\Vogo.png

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

MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
INTERSECTION DETAILS - SHEET 2
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

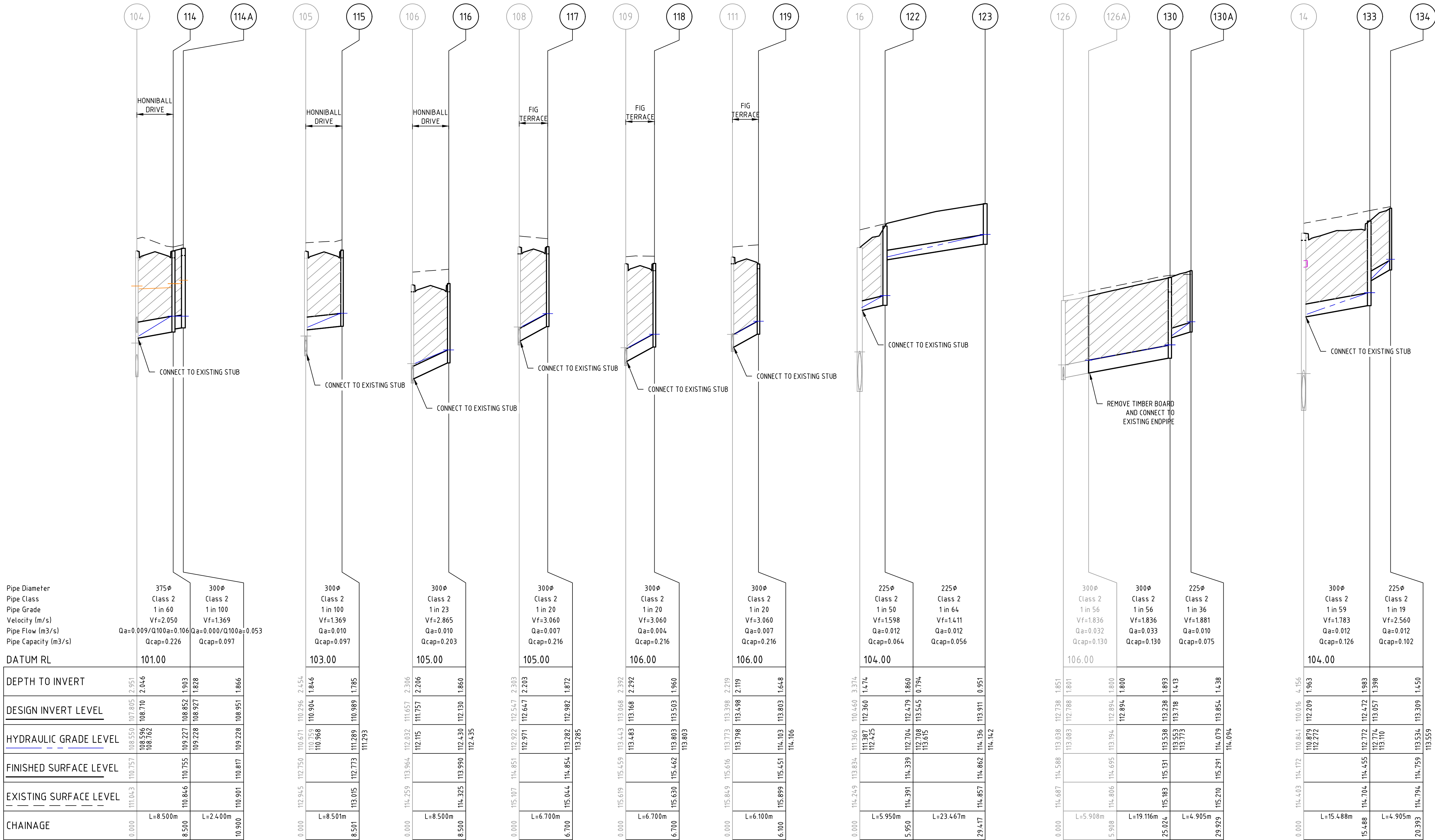
CONSTRUCTION 309857CR501 0

file name: 309857CR600.dwg layout name: CR600 plotted by: Daniel Deard file location: \\spire.com.au\data\030\309857\Civil\ACAD\030\309857.dwg plot date: 23/01/2026 15:59 PM Sheet 13 of 17 Sheets

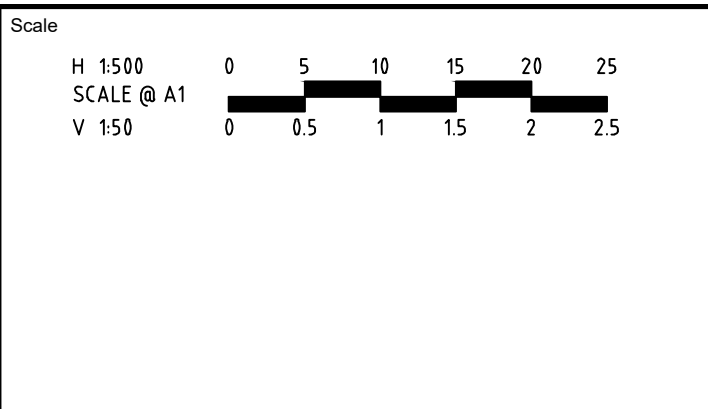
 CRUSHED ROCK BACKFILL

 100YR HYDRAULIC GRADE LEVEL

 5YR HYDRAULIC GRADE LEVEL



Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
D	DRAINAGE SECTIONS AMENDED	PC	21/12/23
C	DRAINAGE & PITS ADDED	P.C	11/08/23
B	STAGING AMENDED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22





System Certified

© Spiire Australia Pty Ltd All Rights Reserved

This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



L6 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 H.KURMUS	Checked J.POYNER
Authorised P.CURNOW (PE004069)	Date 11/11/22

G:\30\306267\Civil\ACAD\External\logo.png

**MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS**
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

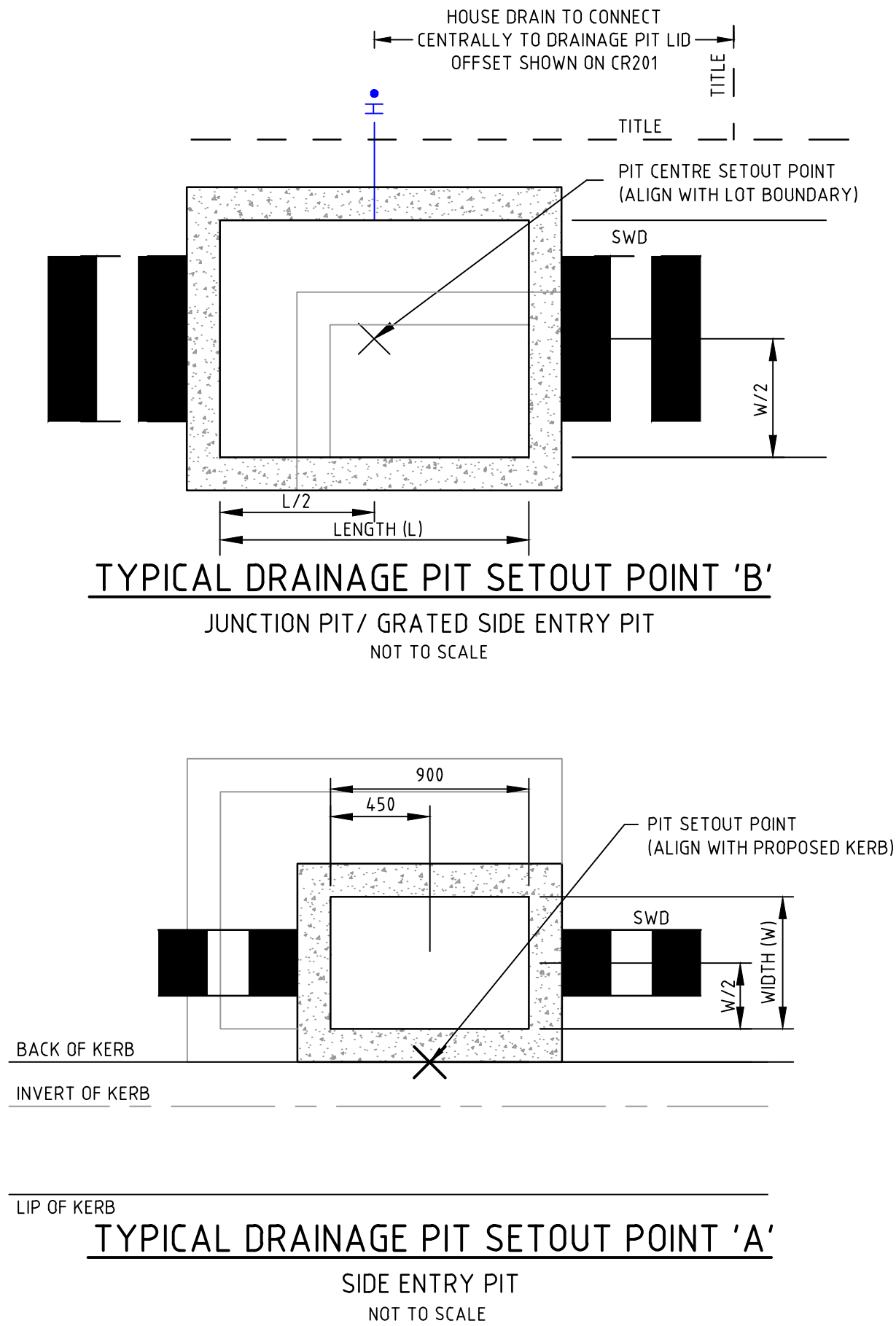
CONSTRUCTION

Drg No
309857CR600

Rev
0

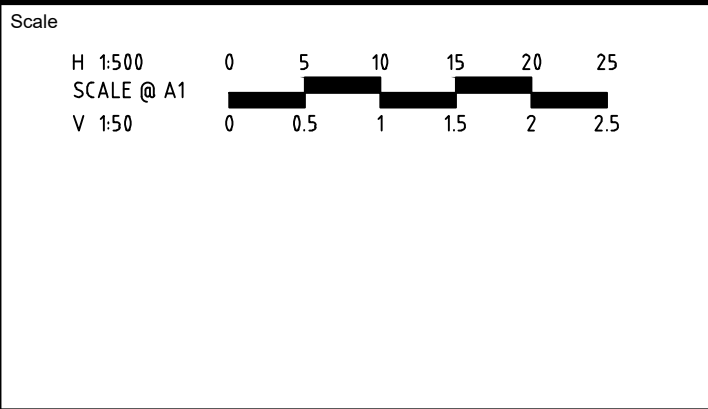
DRAINAGE PIT SCHEDULE

PIT		INTERNAL		INLET		OUTLET		PIT		REMARKS
NAME	TYPE	WIDTH	LENGTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
14	GRADED SIDE ENTRY PIT	600	1650	900	110.066	825	110.016	114.172	4.156	CONVERT TO GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 607
				300	112.209					
15	GRADED SIDE ENTRY PIT	1350	900	900	110.197	900	110.147	114.091	3.943	CONVERT TO GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 607
16	JUNCTION PIT	1200	900	900	110.507	900	110.460	113.834	3.374	ADJUST PIT LID TO MATCH FINISHED SRUFACE. REFER TO VPA EDCM STD DWG FIGS 607
				225	112.360					CONNECT TO EXISITNG STUB
17	DOUBLE GRATED SIDE ENTRY PIT	1200	900	900	110.630	900	110.580	113.773	3.192	CONVERT TO DOUBLE GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 602 & 607
				300	112.016					
				375	110.630					
104 A	JUNCTION PIT	600	1050	525	107.585	600	107.535	110.808	3.273	ADJUST EXISTING CLASS D PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 605
104	DOUBLE GRATED SIDE ENTRY PIT	600	1050	375	108.837	525	107.805	110.757	2.951	CONVERT TO DOUBLE GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 602 & 607
				375	108.710					
104 B	DOUBLE GRATED SIDE ENTRY PIT	600	900	375	108.955	375	108.905	110.815	1.909	CONVERT TO DOUBLE GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 602 & 607
105	GRADED SIDE ENTRY PIT	600	900	375	110.396	375	110.296	112.750	2.454	CONVERT TO GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 605
				300	110.904					
106	GRADED SIDE ENTRY PIT	600	900	375	111.707	375	111.657	113.964	2.306	CONVERT TO GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 605
				300	111.757					
107	JUNCTION PIT	600	900	375	112.334	375	112.284	114.714	2.429	ADJUST PIT LID TO MATCH FINISHED SRUFACE. REFER TO VPA EDCM STD DWG FIGS 605
108	GRADED SIDE ENTRY PIT	600	900	375	112.597	375	112.547	114.851	2.303	CONVERT TO GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 605. WITH APPROVED HEAVY DUTY PIT LID
				300	112.647					
109	JUNCTION PIT	600	900	375	113.118	375	113.068	115.459	2.392	ADJUST PIT LID TO MATCH FINISHED SRUFACE. REFER TO VPA EDCM STD DWG FIGS 605. WITH APPROVED HEAVY DUTY PIT LID
				300	113.168					
110	GRADED SIDE ENTRY PIT	600	900	375	113.284	375	113.234	115.639	2.404	CONVERT TO GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 605. WITH APPROVED HEAVY DUTY PIT LID
111	GRADED SIDE ENTRY PIT	600	900	375	113.448	375	113.398	115.616	2.219	CONVERT TO GRATED SIDE ENTRY PIT AND ADJUST PIT LID TO MATCH FINISHED SURFACE. REFER TO VPA EDCM STD DWG FIGS 601 & 605
				300	113.498					
112	JUNCTION PIT	600	900	375	113.600	375	113.550	115.744	2.194	ADJUST PIT LID TO MATCH FINISHED SRUFACE. REFER TO VPA EDCM STD DWG FIGS 605. WITH APPROVED HEAVY DUTY PIT LID
				300	113.625					
114	DOUBLE GRATED SIDE ENTRY PIT	600	900	300	108.927	375	108.852	110.755	1.903	REFER TO VPA EDCM STD DWG FIGS 602 & 607
114 A	DOUBLE GRATED SIDE ENTRY PIT	600	900			300	108.951	110.817	1.866	REFER TO VPA EDCM STD DWG FIGS 602 & 607
115	GRADED SIDE ENTRY PIT	600	900			300	110.989	112.773	1.785	REFER TO VPA EDCM STD DWG FIGS 601 & 605
116	GRADED SIDE ENTRY PIT	600	900			300	112.130	113.990	1.860	REFER TO VPA EDCM STD DWG FIGS 601 & 605
117	GRADED SIDE ENTRY PIT	600	900			300	112.982	114.854	1.872	REFER TO VPA EDCM STD DWG FIGS 601 & 605
118	GRADED SIDE ENTRY PIT	600	900			300	113.503	115.462	1.960	REFER TO VPA EDCM STD DWG FIGS 601 & 605
119	GRADED SIDE ENTRY PIT	600	900			300	113.803	115.451	1.648	REFER TO VPA EDCM STD DWG FIGS 601 & 605. WITH APPROVED HEAVY DUTY PIT LID
122	JUNCTION PIT	600	900	225	113.545	225	112.479	114.339	1.860	REFER TO VPA EDCM STD DWG FIGS 605
123	JUNCTION PIT	600	900			225	113.911	114.862	0.951	REFER TO VPA EDCM STD DWG FIGS 605
126 A	ENDPIPE			300	112.894	300	112.894	114.695	1.800	REMOVE TIMBER BOARD AND CONNECT TO EXISTING ENDPIPE
130	GRADED SIDE ENTRY PIT	600	900	225	113.718	300	113.238	115.131	1.893	REFER TO VPA EDCM STD DWG FIGS 601 & 605
130 A	GRADED JUNCTION PIT	450	450			225	113.854	115.291	1.438	REFER TO VPA EDCM STD DWG FIGS 605. WITH APPROVED BIKE SAFE CLASS B GRATE
131	DOUBLE GRATED SIDE ENTRY PIT	600	900	300	110.702	375	110.653	113.782	3.129	ADJUST PIT LID TO MATCH FINISHED SRUFACE. REFER TO VPA EDCM STD DWG FIGS 602 & 605
133	JUNCTION PIT	600	900	225	113.057	300	112.472	114.455	1.983	REFER TO VPA EDCM STD DWG FIGS 605
134	GRADED JUNCTION PIT	450	450			225	113.309	114.759	1.450	REFER TO VPA EDCM STD DWG FIGS 605. WITH APPROVED BIKE SAFE CLASS B GRATE



file name: 309857CR600.dwg, layout name: CR600, plotted by: Daniel Deard, file location: \\spiire.com.au\media\A\05a\30\309857\00\ACAD\001.dwg, date: 23/01/2026, 15:59 PM, Sheet: 14 of 17, Sheets

0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
D	PIT SCHEDULE AMENDED	PC	21/12/23
C	DRAINAGE PIT SCHEDULE AMENDED	P.C	11/08/23
B	PIT SCHEDULE AMENDED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22
Rev	Amendments	Approved	Date



L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

G:\306267\Civil\ACAD\External\logo.png	
Designed H.KURMUS	Checked J. POYNER
Authorised P.CURNOW (PE004069)	Date 11/11/22

**MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
DRAINAGE PIT SCHEDULE**
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION

Dwg No
309857CR601

Rev
0

DESIGN PAVEMENT PROFILE

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)	
		TYPE A*	CONCRETE
ASPHALT (WEARING)	SIZE 10 TYPE L (C320)	30	0
ASPHALT (BASE)	SIZE 10 TYPE N (C320)	30	0
PRIMECOAT & SAMI	PRIME & 10mm SAMI (S18R)	10	0
CONCRETE	25MPa CONCRETE REINFORCED WITH SL82 MESH (MIN 50mm TOP COVER)	0	200
BASE COURSE	VICROADS CLASS 2 FCR (20mm), COMPACTED TO AT LEAST 99% MODIFIED DRY DENSITY RATIO WITHIN 3% MODIFIED OPTIMUM MOISTURE CONTENT	130	0
UPPER SUBBASE COURSE	VICROADS CLASS 3 FCR (20mm), COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 3% MODIFIED OPTIMUM MOISTURE CONTENT	120	150
LOWER SUBBASE COURSE	VICROADS CLASS 4 FCR (20mm), COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 3% MODIFIED OPTIMUM MOISTURE CONTENT	120	0
CAPPING LAYER	VICROADS TYPE A CAPPING MATERIAL (REFER TO TABLE 7 - G3573.1 AC), COMPACTED TO AT LEAST 98% STANDARD DRY DENSITY RATIO WITHIN 3% STANDARD OPTIMUM MOISTURE CONTENT	150	0
CONSTRUCTION LAYER	VICROADS TYPE A CAPPING MATERIAL (REFER TO TABLE 7 - G3573.1 AC), COMPACTED TO AT LEAST 98% STANDARD DRY DENSITY RATIO WITHIN 3% STANDARD OPTIMUM MOISTURE CONTENT	150	0
SUBGRADE	UNIT 3 OR CONTROLLED FILL SUBGRADE (CBR<2%)		
TOTAL PAVEMENT DEPTH		740	350

* REFER PAVEMENT PLAN FOR LOCATION OF PAVEMENT TYPES

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

PAVEMENT DETAILS

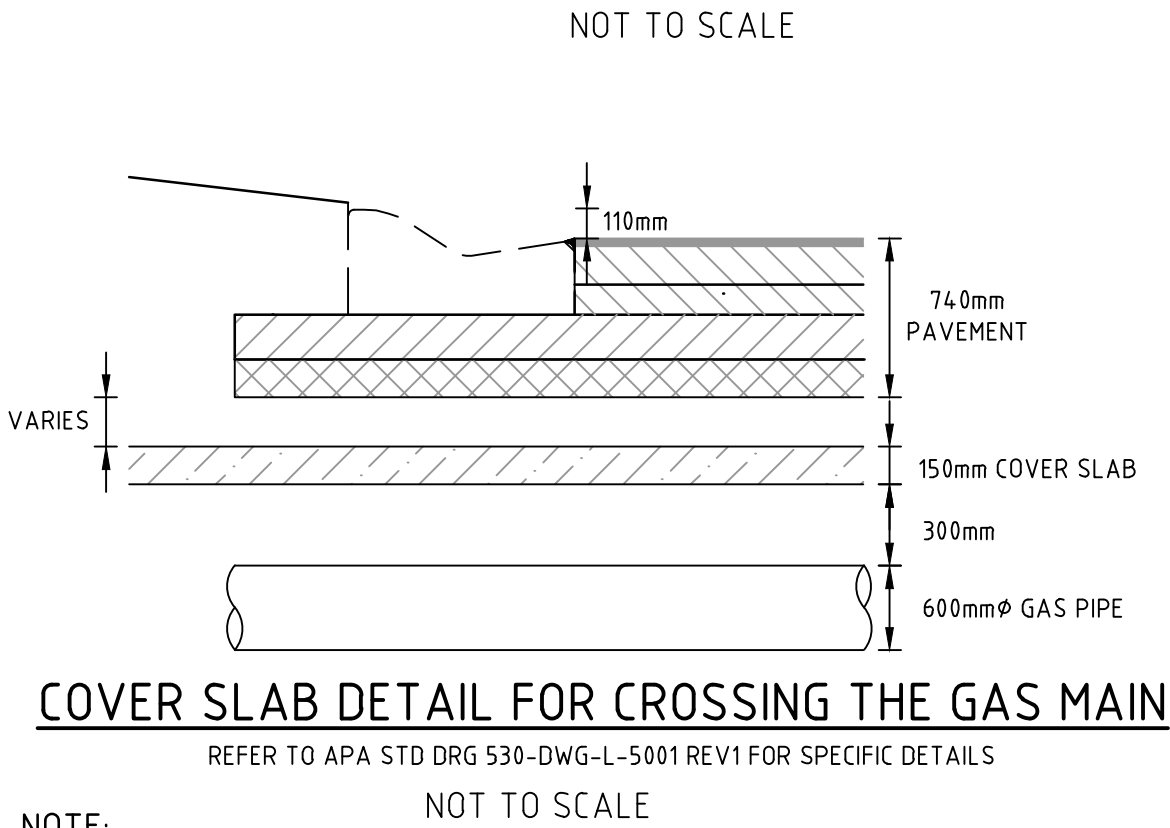
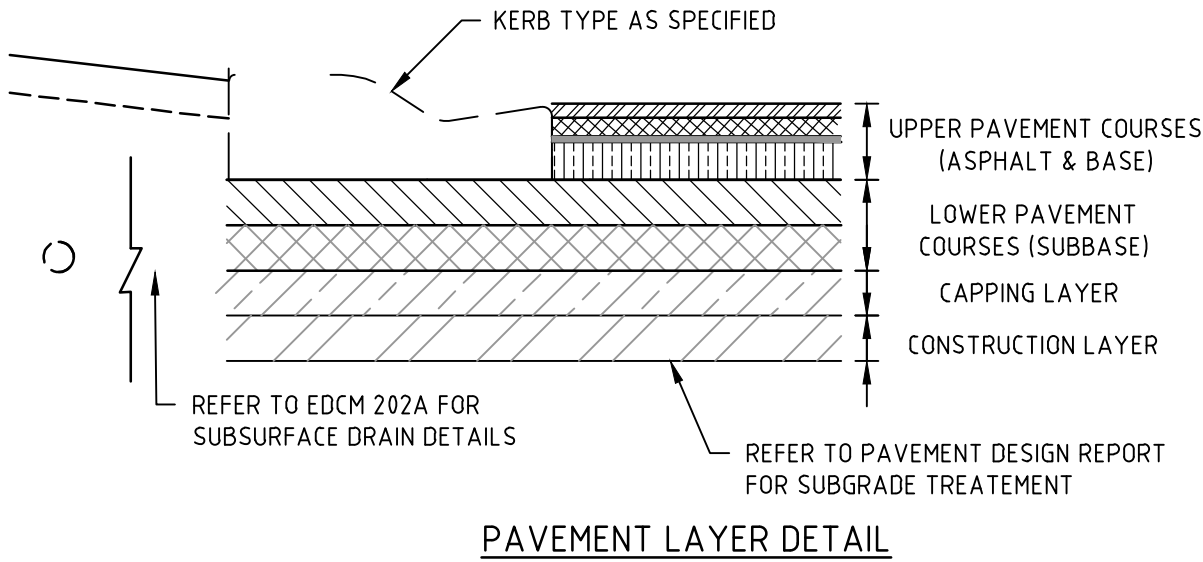
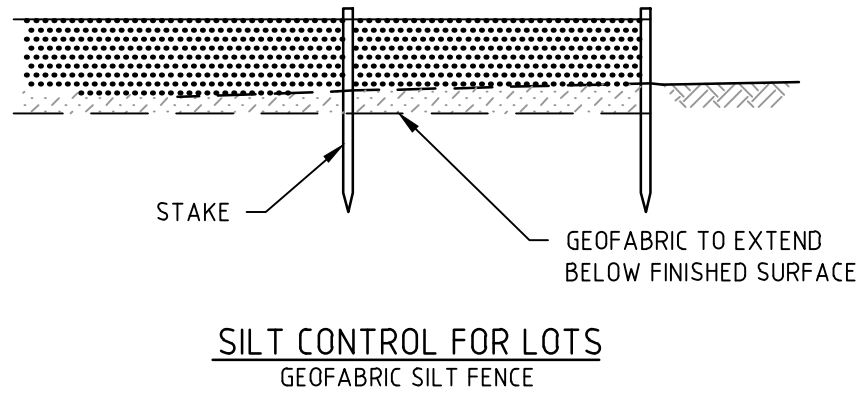
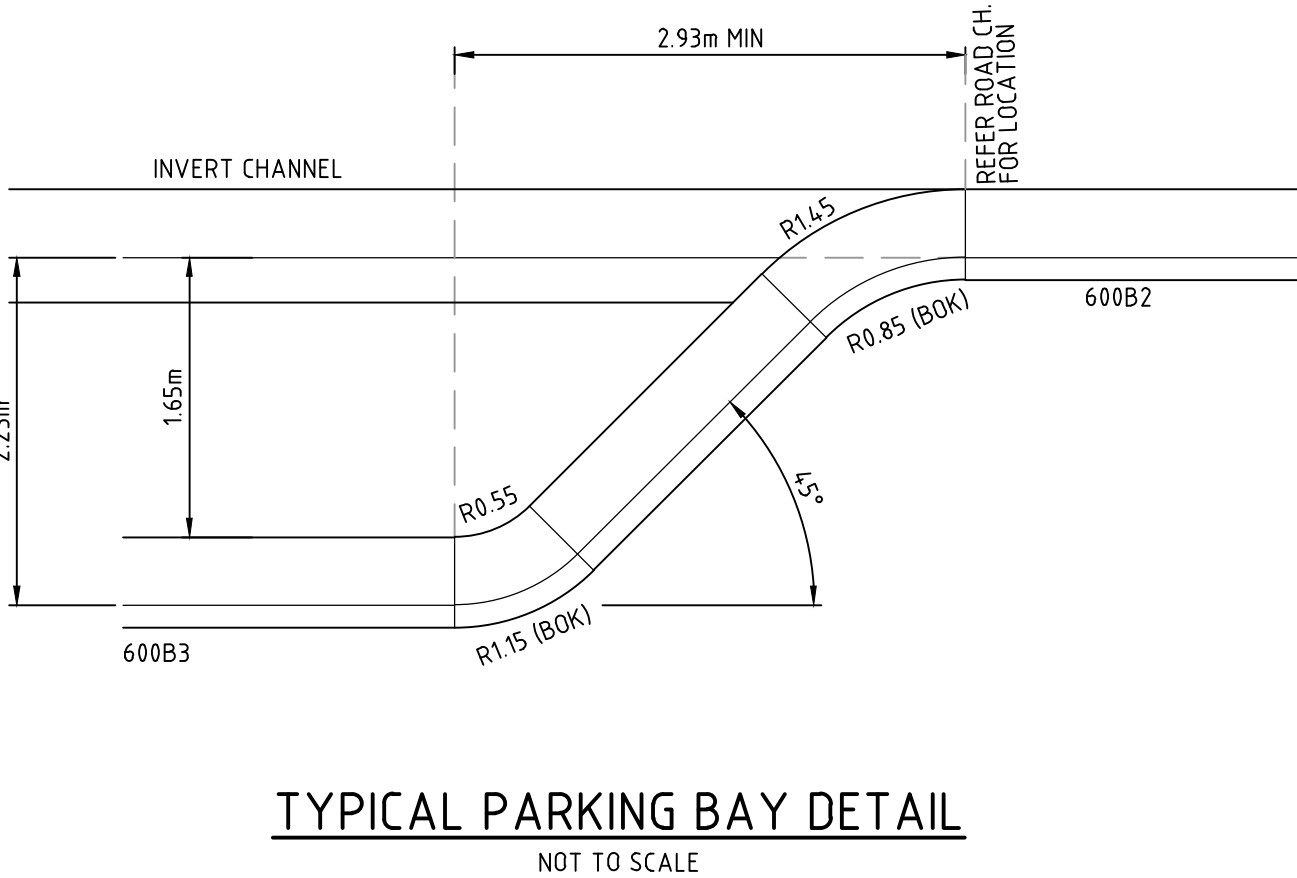
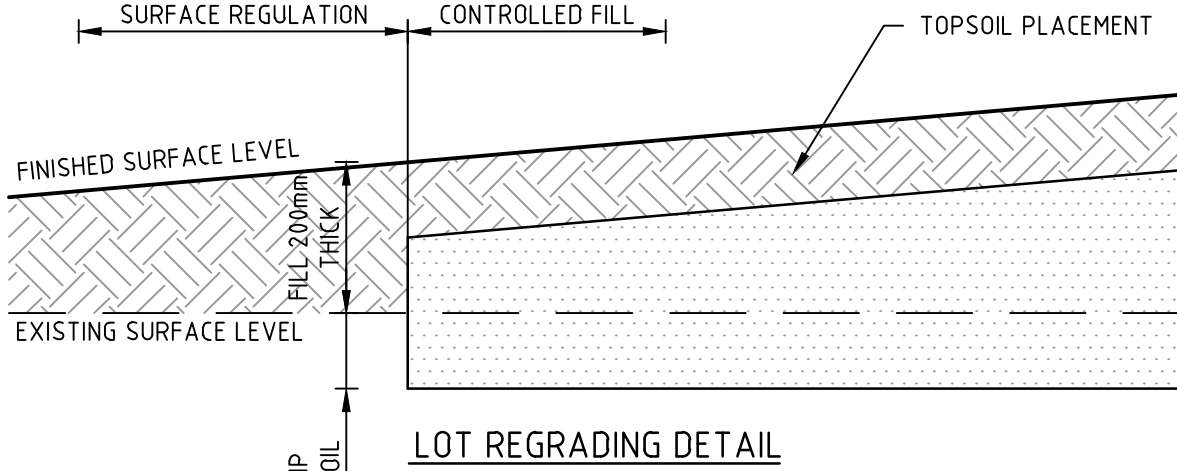
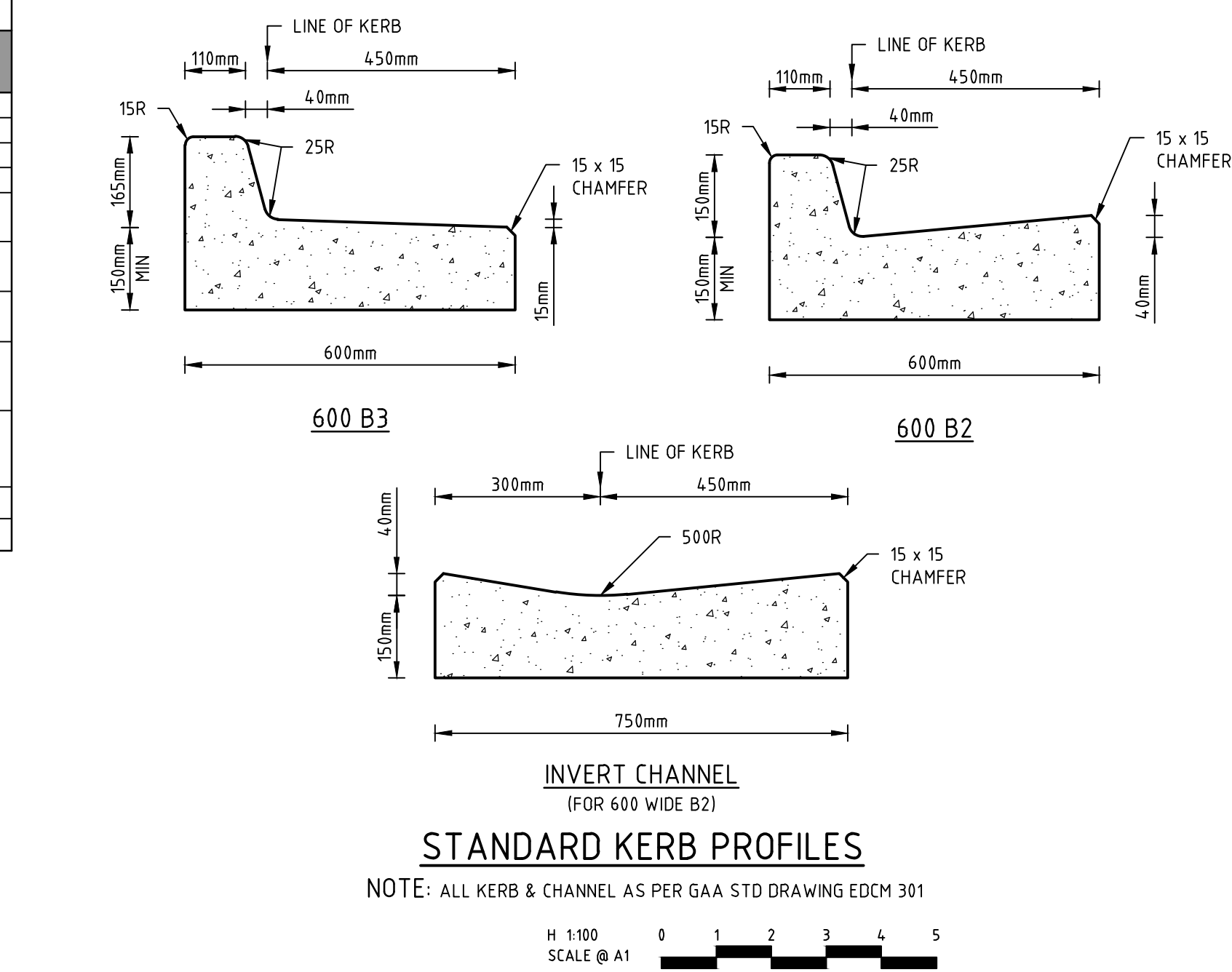
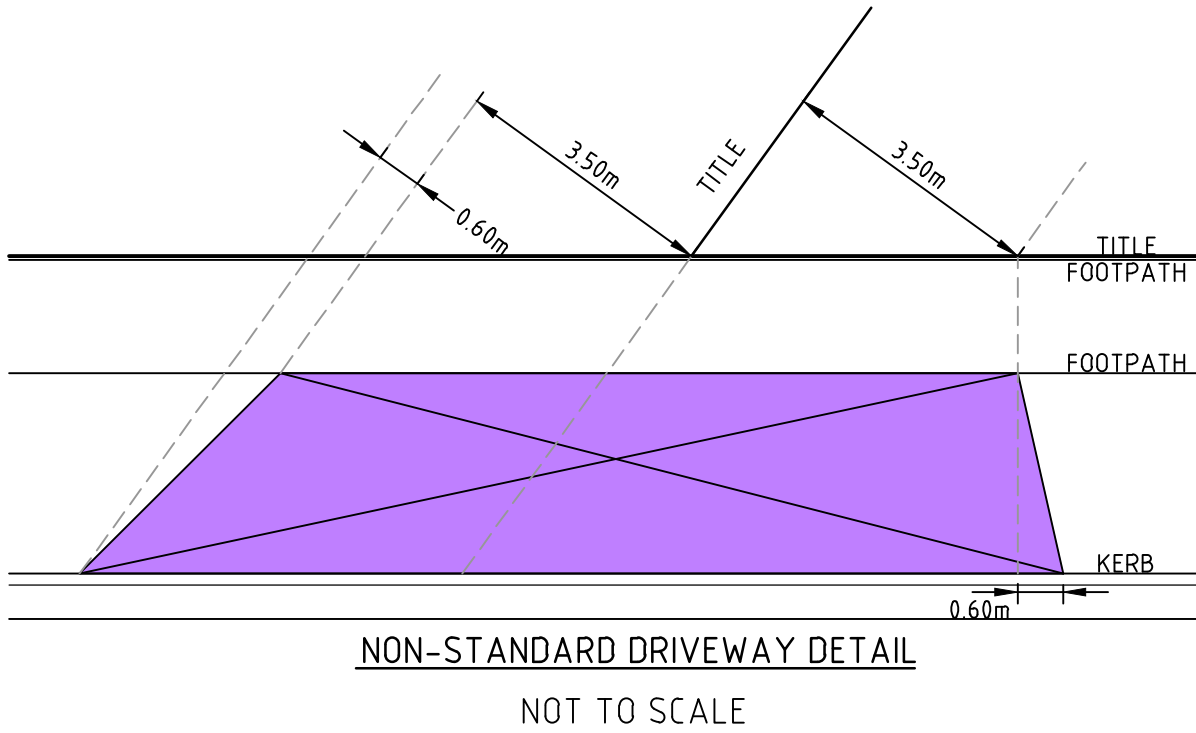
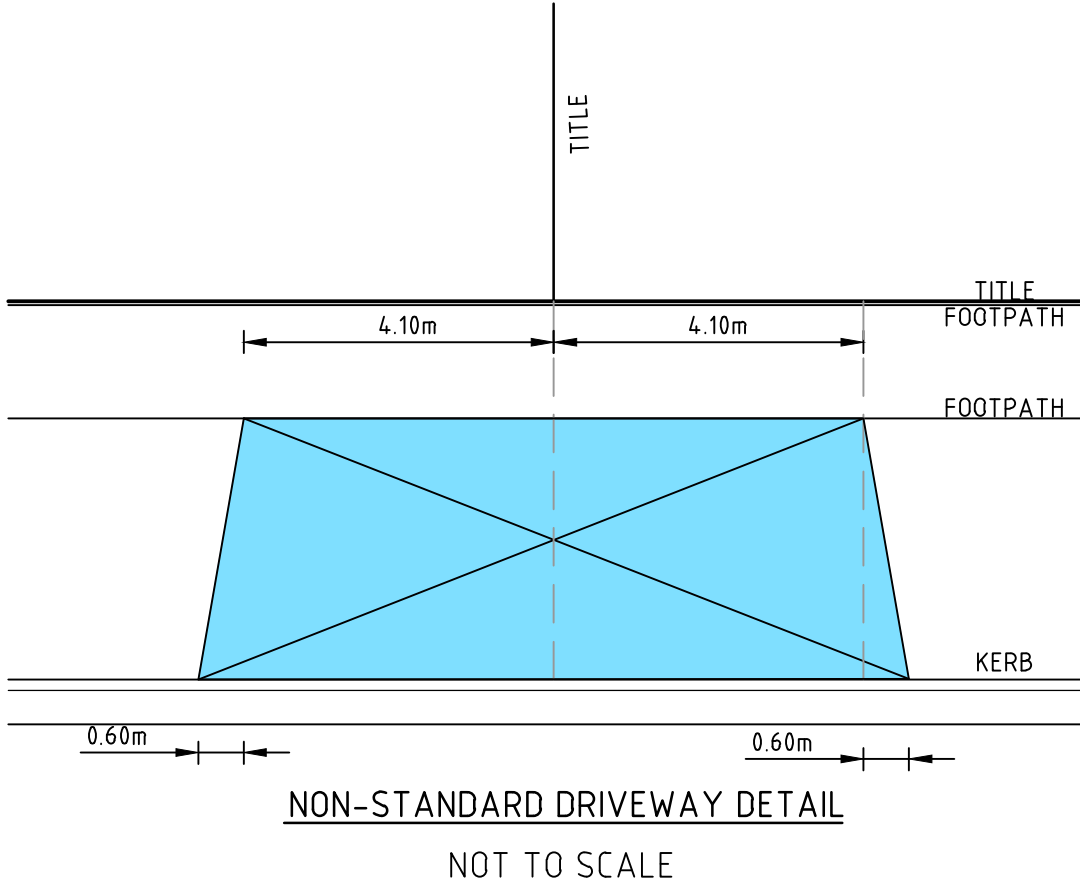
THE PAVEMENT DESIGNS SHOWN HERE HAVE BEEN DESIGNED/PROVIDED BY GROUND SCIENCE PTY LTD WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL WORK ON THIS PROJECT. SPIIRE IS NOT RESPONSIBLE FOR THE WORK OF GROUND SCIENCE PTY.

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

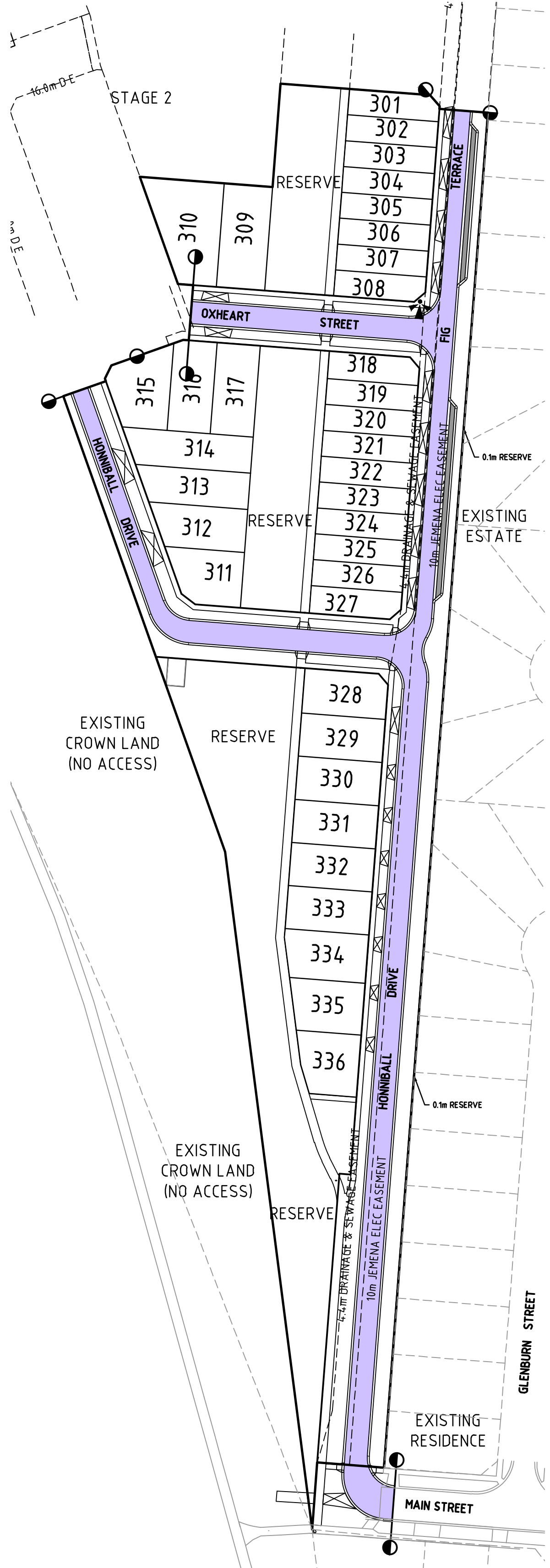
A COPY OF THE DOCUMENT WILL BE PROVIDED ON REQUEST.

SPIIRE DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THE GEOTECHNICAL WORK AND PAVEMENT DESIGNS.

ANY QUERIES IN RESPECT TO THE GEOTECHNICAL WORK AND PAVEMENT DESIGNS SHOULD BE ADDRESSED TO GROUND SCIENCE PTY LTD AND COPIED TO SPIIRE.

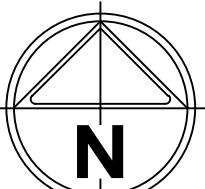


NOTE:
ANY SERVICE CROSSING OVER THE GAS MAIN IS TO HAVE MINIMUM 50mm BEDDING OVER THE PROTECTIVE COVER SLAB CONSTRUCTED AS PART OF THE CROSSING. COVER SLAB TO BE EXTENDED FOR THE FULL WIDTH OF THE ROAD RESERVE. COVER SLAB TO BE CONSTRUCTED IN ACCORDANCE WITH APA DRAWING 530-DWG-L-5001 REV.1. COVER SLAB EXTENTS TO BE SURVEYED AND INFORMATION TO BE PROVIDED TO APA FOR RECORD.



PAVEMENT PLAN

H 1:1000
SCALE @ A1



MGA 94
ZONE 55

Rev	Description	By	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
D	M1 KERB DETAIL REMOVED, PARKING BAY PAVEMENT DETAIL AMENDED	PC	21/12/23
C	NOTE AMENDED	P.C	11/08/23
B	DRIVEWAY DETAIL ADDED, STAGING AMENDED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22
Rev	Amendments	Approved	Date

Scale



© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

spiire

L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

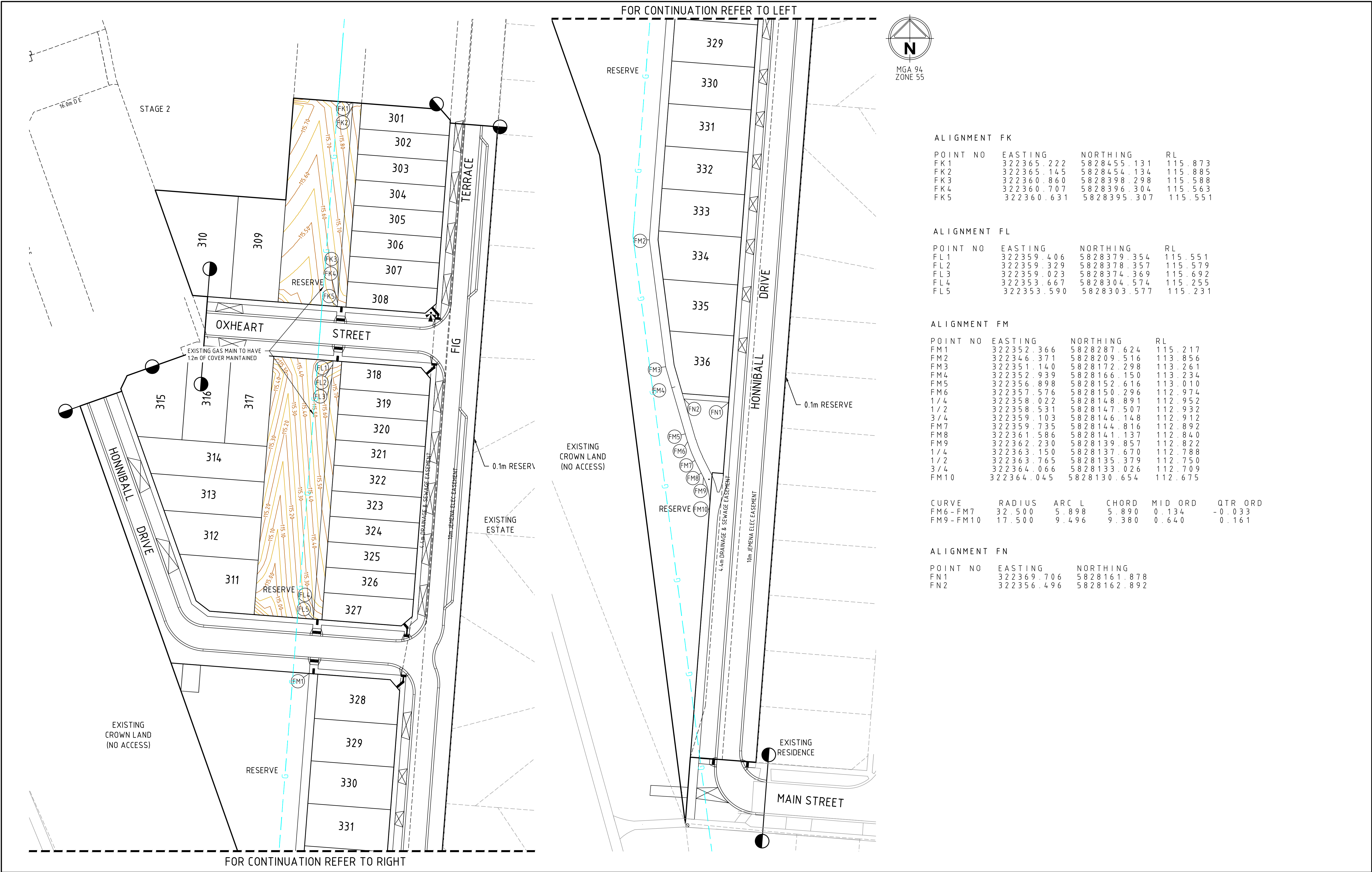
Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)

Checked
J.POYNOR
Date
11/11/22

MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
PAVEMENT AND TYPICAL DETAILS
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION 309857CR700 0

file name: 309857CR701.dwg, layout name: CR01, plotted by: Daria Deed, file location: \\spire.com.au\\media\\data\\00a\\a30\\309857\\Civil\\ACAD\\01.dwg, date: 23/01/2026 15:59 PM, Sheet: 16 of 17, Sheets



ALIGNMENT FK

POINT NO	EASTING	NORTHING	RL
FK1	322365.222	5828455.131	115.873
FK2	322365.145	5828454.134	115.885
FK3	322360.860	5828398.298	115.588
FK4	322360.707	5828396.304	115.563
FK5	322360.631	5828395.307	115.551

ALIGNMENT FL

POINT NO	EASTING	NORTHING	RL
FL1	322359.406	5828379.354	115.551
FL2	322359.329	5828378.357	115.579
FL3	322359.023	5828374.369	115.692
FL4	322353.667	5828304.574	115.255
FL5	322353.590	5828303.577	115.231

ALIGNMENT FM

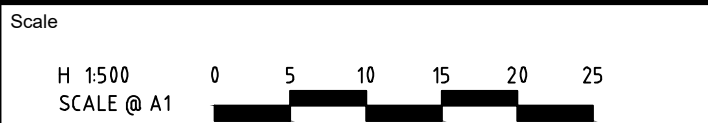
POINT NO	EASTING	NORTHING	RL
FM1	322352.366	5828287.624	115.217
FM2	322346.371	5828209.516	113.856
FM3	322351.140	5828172.298	113.261
FM4	322352.939	5828166.150	113.234
FM5	322356.898	5828152.616	113.010
FM6	322357.576	5828150.296	112.974
1/4	322358.022	5828148.891	112.952
1/2	322358.531	5828147.507	112.932
3/4	322359.103	5828146.148	112.912
FM7	322359.735	5828144.816	112.892
FM8	322361.586	5828141.137	112.840
FM9	322362.230	5828139.857	112.822
1/4	322363.150	5828137.670	112.788
1/2	322363.765	5828135.379	112.750
3/4	322364.066	5828133.026	112.709
FM10	322364.045	5828130.654	112.675

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
FM6-FM7	32.500	5.898	5.890	0.134	-0.033
FM9-FM10	17.500	9.496	9.380	0.640	0.161

ALIGNMENT FN

POINT NO	EASTING	NORTHING
FN1	322369.706	5828161.878
FN2	322356.496	5828162.892

Rev	Description	By	Date
0	ISSUED FOR CONSTRUCTION	J.P	26/04/24
D	UPDATE PATH SETOUT TO MATCH REVISED ROAD GRADING	PC	21/12/23
C	NOTE & GAS MAIN ADDED	P.C	14/08/23
B	STAGING AMENDED	J.P	27/03/23
A	PRELIMINARY ISSUE	P.C	11/11/22
Rev	Amendments	Approved	Date



System Certified

© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

spiire

L6 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 H.KURMUS	Checked J.POYNER
Authorised P.CURNOW (PE004069)	Date 11/11/22

**MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
FOOTPATH SETOUT AND RESERVE DETAILS**
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS

CONSTRUCTION Dwg No **309857CR701** Rev **0**



1	
2	 R1-2
3	 R8-2
4	 R8-2 R7-4
5	 W5-10
6	 W8-2
7	 W3-4
8	 R5-35
9	

	PARKING & LANE LINE	100mm WIDE
	HOLDING LINE (GIVEWAY)	600mm LINE, 600mm GAP, 300mm WIDE
	CONTINUITY LINE (STATCON)	600mm LINE, 600mm GAP, 150mm WIDE
	TACTILE GROUND SURFACE INDICATORS	AS PER COUNCIL STANDARD DRAWING AND AS1428.4.1

file name 309857CR800.dwg layout name CR800 plotted by Daniel Deed
file location \\spire.com.au\mtd\data\DATA\30\309857\Civil\ACAD plot date 23/01/2026 1:59 PM Sheet 17 of 17 Sheets

0	ISSUED FOR CONSTRUCTION	J.P.	26/04/24
C	INTERSECTION UPDATED TO REMOVE ISLAND	P.C.	31/10/23
B	STAGING AMENDED	J.P.	27/03/23
A	PRELIMINARY ISSUE	P.C.	11/11/22
Rev	Amendments	Approved	Date



© Spiire Australia Pty Ltd All Rights Reserved

This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



L6 414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
spiire.com.au ABN 55 050 029 635

\\spire.com.au\meldata\Data\30\306267\Civil\ACAD\External\logo.png

Designed
H.KURMUS
Authorised
P.CURNOW (PE004069)

Checked
J.POYNER
Date
11/11/22

**MARRAN RUN
STAGE 3
ROAD AND DRAINAGE
SIGNAGE AND LINEMARKING
CITY OF WHITTLESEA
YOURLAND DEVELOPMENTS**

CONSTRUCTION	Drg No	Rev
	309857CR800	0