

CONROY'S GREEN STAGE 7 SAN HUBERTO PROPERTY P/L

GENERAL NOTES:

SURVEY

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) 2020, ZONE 54.
- 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 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, TRENCHES, 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 150mm DEEP, A NOTIFICATION FORM MUST BE SENT TO WORKSAFE. THE CONTRACTOR IS TO COMPLY WITH WORKSAFE, THE MINES (TRENCHES) REGULATION 1982, THE MINES ACT 1958 AND OCCUPATIONAL HEALTH AND SAFETY ACT 1985, 2004.

- ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND KERB AND CHANNEL OR PAVED TRAFFIC AREAS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.

- WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, 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

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

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

- ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION.

- WATER TAPPINGS TO BE LOCATED IN 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 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) UNLESS OTHERWISE SHOWN.

- 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.

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.

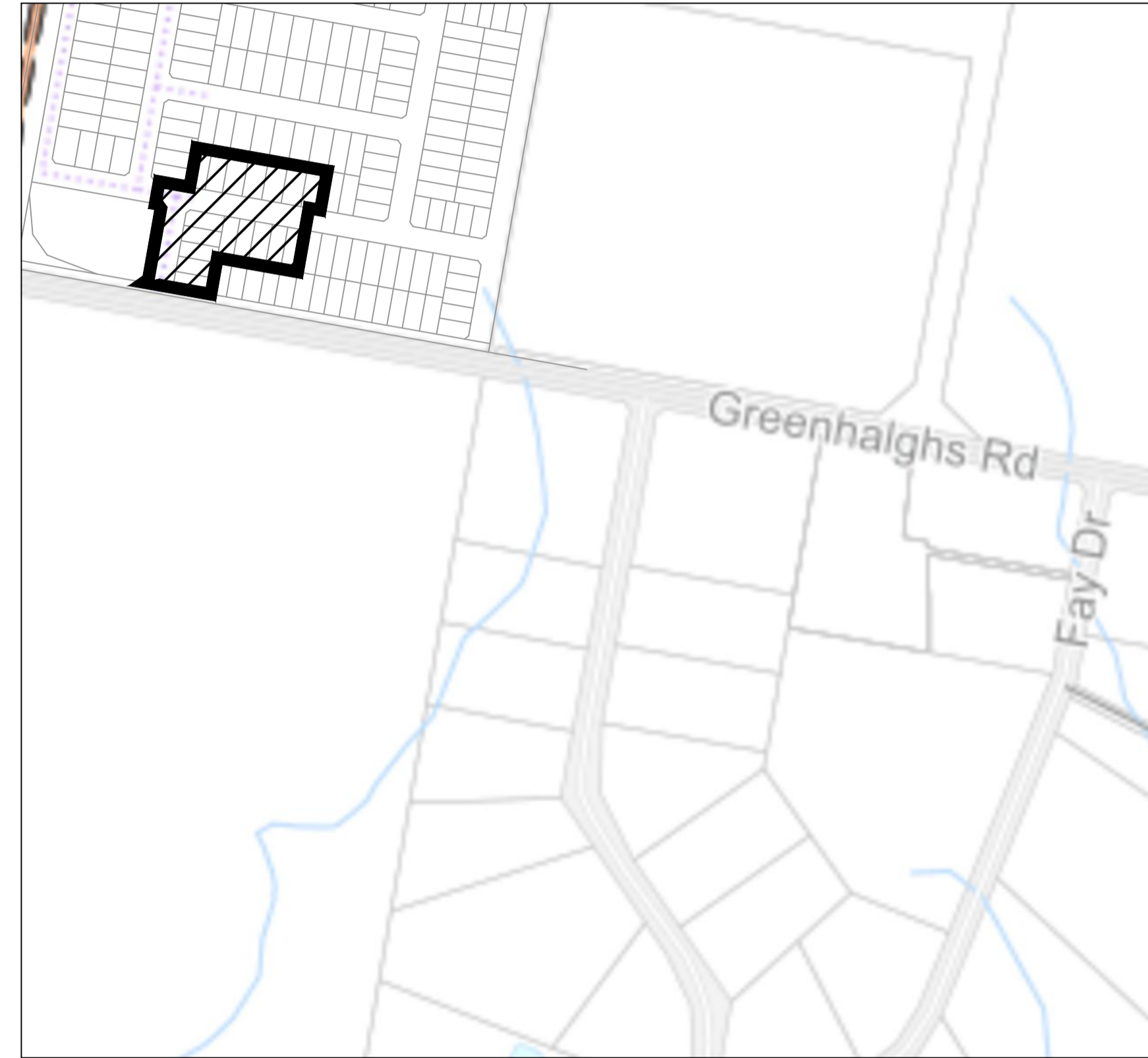
- TACTILE GROUND SURFACE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE DISABILITY DISCRIMINATION ACT AND RELEVANT COUNCIL STANDARD DRAWINGS.

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.



LOCALITY PLAN

H 14,000
SCALE @ A1

DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
CR100	GENERAL NOTES - SHEET 1	1	-
CR200	ROAD LAYOUT PLANS - SHEET 1	2	-
CR201	ROAD LAYOUT PLANS - SHEET 2	3	-
CR300	ROAD LONG SECTIONS - SHEET 1	4	-
CR400	ROAD CROSS SECTIONS - SHEET 1	5	-
CR401	ROAD CROSS SECTIONS - SHEET 2	6	-
CR402	ROAD CROSS SECTIONS - SHEET 3	7	-
CR403	ROAD CROSS SECTIONS - SHEET 4	8	-
CR404	ROAD CROSS SECTIONS - SHEET 5	9	-
CR500	INTERSECTION DETAILS - SHEET 1	10	-
CR600	DRAINAGE LONG SECTIONS - SHEET 1	11	-
CR601	DRAINAGE LONG SECTIONS - SHEET 2	12	-
CR602	DRAINAGE LONG SECTIONS - SHEET 3	13	-
CR700	PAVEMENT AND TYPICAL DETAILS - SHEET 1	14	-
CR800	SIGNAGE AND LINEMARKING - SHEET 1	15	-



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

DESCRIPTION	EXISTING	PROPOSED
WATER MAIN, VALVE AND HYDRANT	DW	DW
UNDERGROUND ELECTRICITY	E	E
TELECOMMUNICATIONS & SERVICE PIT	T	T
GAS MAIN	G	G
BRANCH SEWER & MAINTENANCE STRUCTURE	S	S
SEWER & MAINTENANCE STRUCTURE	S	S
SEWER RISING MAIN	SRM	SRM
CENTRAL INVERT		
COUNCIL STORMWATER DRAIN AND PIT		
STORM WATER DRAINAGE PROPERTY INLETS		
COUNCIL STORM WATER PITS		
HOUSE DRAIN	H	H
AG DRAIN AND FLUSHER	AG	AG
STORM WATER DRAINAGE PIT TYPE & NUMBER	EX219EP	302JP
GAS & WATER CONDUITS	GW	GW
RIDGE / CHANGE OF GRADE LINE		
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		
STREET SIGN		
PERMANENT SURVEY MARK		
TEMPORARY BENCH MARK		
BOLLARD		
ROAD CHAINAGES	CH116.57 (L/R)TP CH116.57	CH116.57 (L/R)TP CH116.57
LOT CHAINAGES	CH20.06	CH20.06
SETOUT POINT		A1
LIMIT OF WORKS		
BATTER		
ROCK BEACHING		
RETAINING WALL		
FENCE - TREE PROTECTION		
FENCE - VEHICLE EXCLUSION		
FENCES		
TREE (& SURVEYED CANOPY) TO BE RETAINED		
TREE TO BE PROTECTED		
TREE TO BE REMOVED		
VEGETATION LINE		
FOOTPATH		
TACTILE GROUND SURFACE INDICATOR		
KERB TRANSITION		B2 SM2

file name: 309784CR100.dwg, layout name: CR100, plotted by: Stephen Wood, file location: G:\309784\309784\309784\309784\309784.dwg, plot date: 04/10/2022 3:08 PM, Sheet 1 of 15 Sheets

Rev	Amendments	Approved	Date

Scale

System Certified

© Spiire Australia Pty Ltd All Rights Reserved

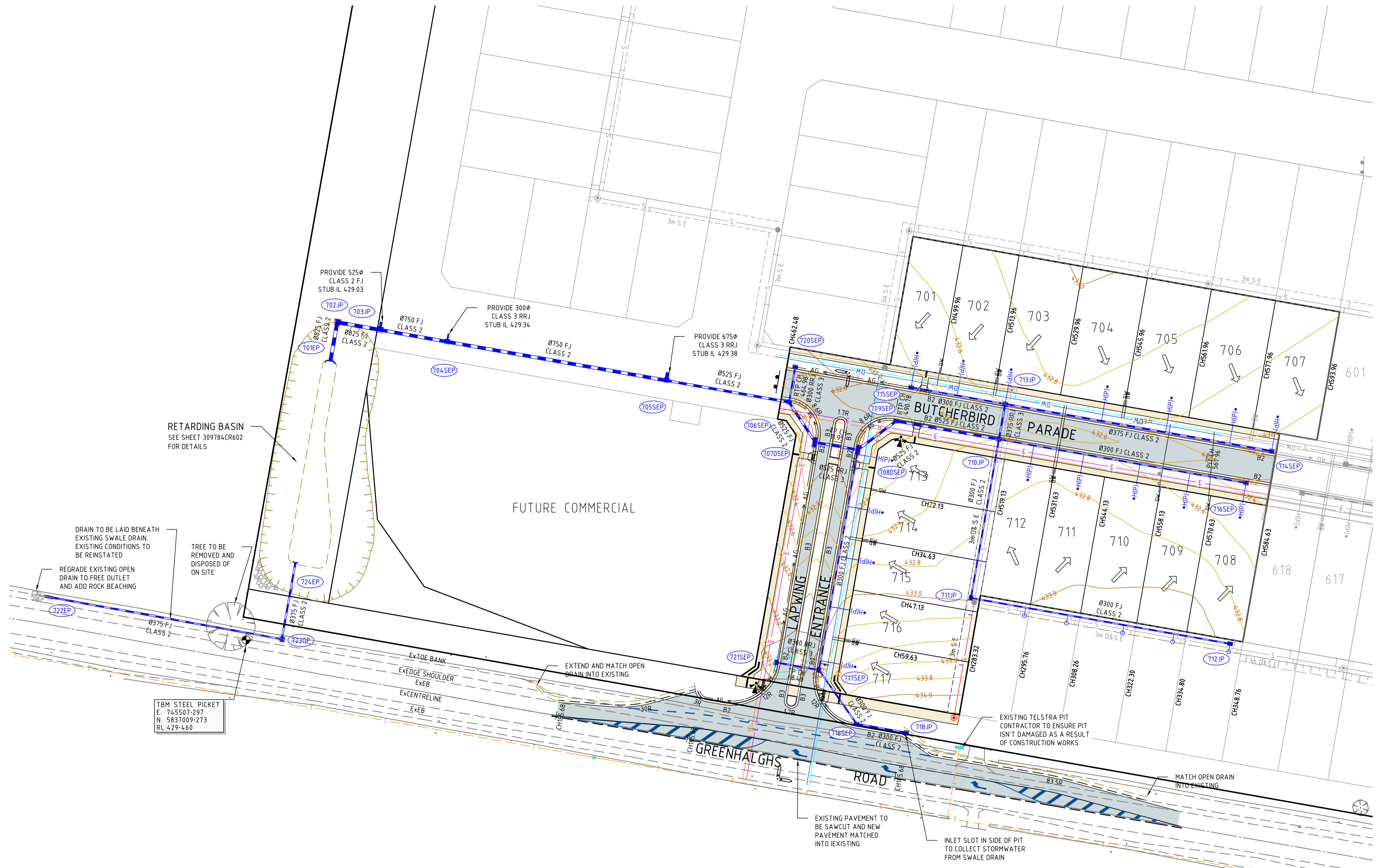
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by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

16 BRIDGE STREET BENDIGO
VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
spiire.com.au ABN 55 050 029 635

Designed S.WOOD	Checked
Authorised A.WILKIE	Date

**CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
GENERAL NOTES - SHEET 1**
CITY OF BALLARAT
SAN HUBERTO PROPERTY P/L

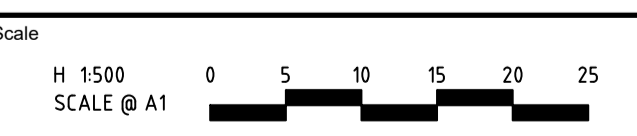
PRELIMINARY Dwg No **309784CR100** Rev **-**



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.

file name: 309784CR200.dwg, location: h:\work\proj\309784\309784.dwg, user: JACAD, plot date: 04/02/2022, 3:09 PM, sheet: 2 of 15 sheets

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.

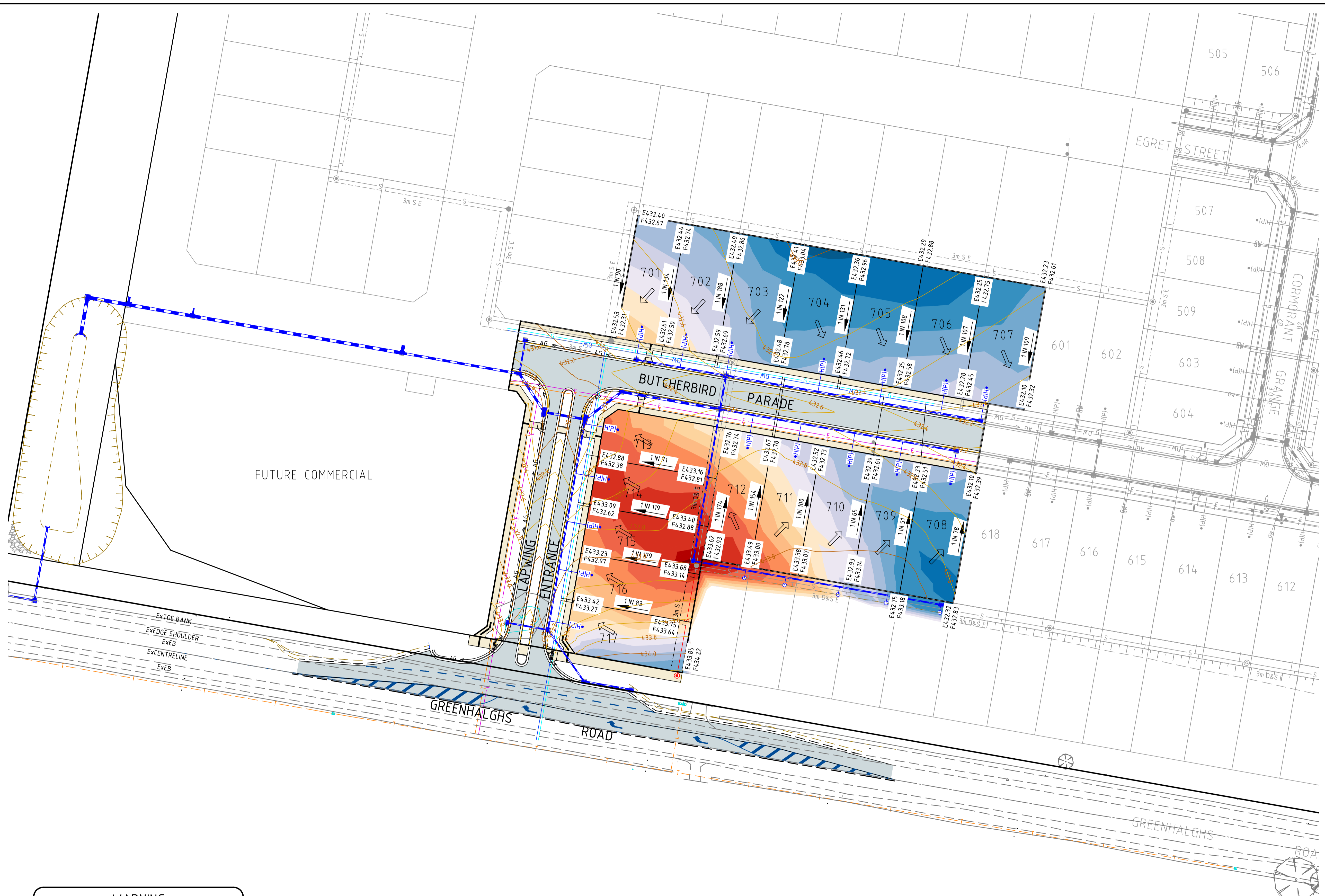
16 BRIDGE STREET BENDIGO
VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
spiire.com.au ABN 55 050 029 635

Designed S.WOOD	Checked
Authorised A.WILKIE	Date

CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
ROAD LAYOUT PLANS - SHEET 1
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L
PRELIMINARY

Dwg No: 309784CR200 Rev: -

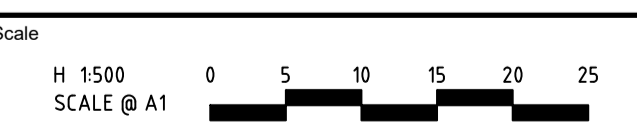
DEPTH RANGES (100mm)		
FROM	TO	COLOUR
-	-0.80	
-0.80	-0.70	
-0.70	-0.60	
-0.60	-0.50	
-0.50	-0.40	
-0.40	-0.30	
-0.30	-0.20	
-0.20	-0.10	
-0.10	0.00	
0.00	0.10	
0.10	0.20	
0.20	0.30	
0.30	0.40	
0.40	0.50	
0.50	0.60	
0.60	0.70	
0.70	0.80	
0.80	+	



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.

file name: 309784CR201.dwg, Location: Home, CD001, D:\cadd\309784\309784.dwg, Date: 04/02/2022 3:09 PM, Sheet: 3 of 15 Sheets

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.

16 BRIDGE STREET BENDIGO
 VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
 spiire.com.au ABN 55 050 029 635

Designed
 S.WOOD
 Authorised
 A.WILKIE

Checked

 Date

CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
ROAD LAYOUT PLANS - SHEET 2
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L

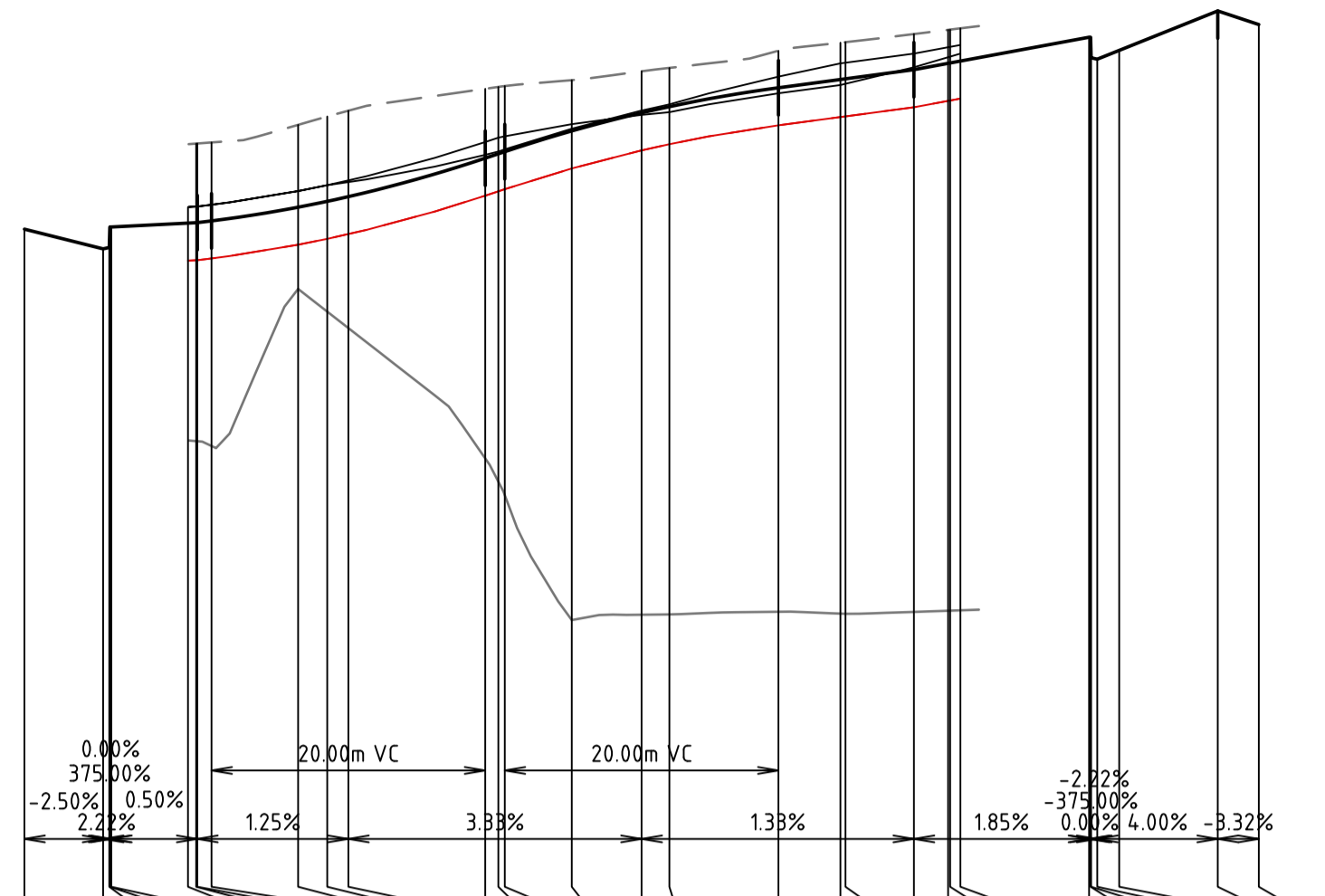
PRELIMINARY

Dwg No
309784CR201

Rev
 -

file name: 309784CR300.dwg, layout name: CR300, plot date: 04/02/2022 3:10 PM, sheet 4 of 15 sheets

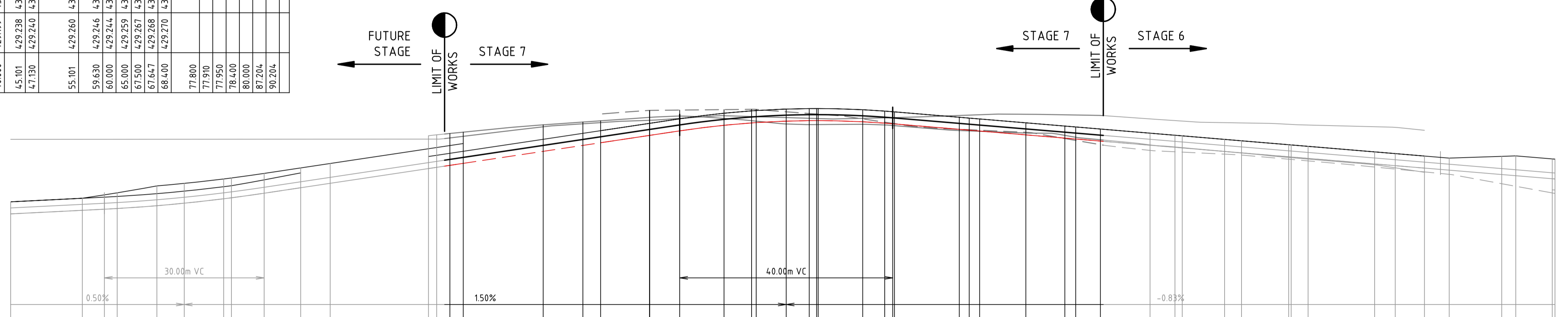
VERTICAL GEOMETRY
DESIGN GRADELINE



DATUM RL 427.0	
DESIGN CENTRELINE	432.055
LEFT DESIGN BOUNDARY	431.911
RIGHT DESIGN BOUNDARY	432.071
LEFT DESIGN LIP OF KERB	431.825
RIGHT DESIGN LIP OF KERB	432.177
EX SURFACE LEFT BOUNDARY	430.506
EX SURFACE RIGHT BOUNDARY	432.680
CHAINAGE	0.000

LAPWING ENTRANCE

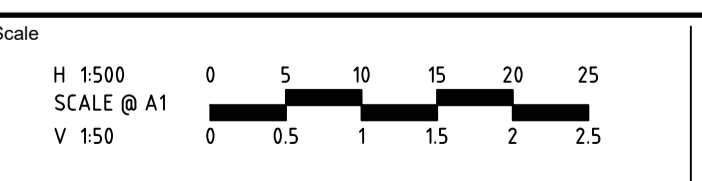
VERTICAL GEOMETRY
DESIGN GRADELINE



DATUM RL 428.5	
DESIGN CENTRELINE	430.913
LEFT DESIGN BOUNDARY	431.027
RIGHT DESIGN BOUNDARY	430.793
LEFT DESIGN LIP OF KERB	430.801
RIGHT DESIGN LIP OF KERB	431.081
EX SURFACE LEFT BOUNDARY	430.868
EX SURFACE RIGHT BOUNDARY	431.095
CHAINAGE	380.000

BUTCHERBIRD PARADE

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.



16 BRIDGE STREET BENDIGO
VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
spiire.com.au ABN 55 050 029 635

Designed
S.WOOD
Authorised
A.WILKIE

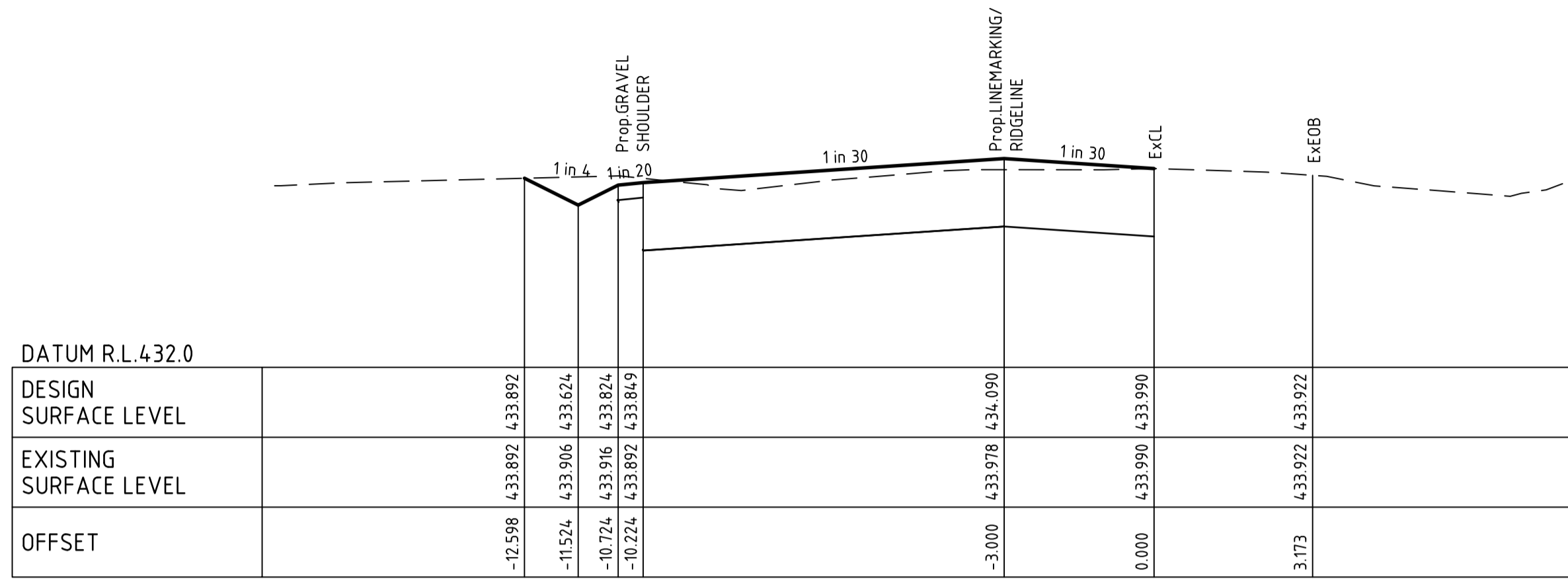
Checked

Date

**CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 1
CITY OF BALLARAT
SAN HUBERTO PROPERTY P/L**

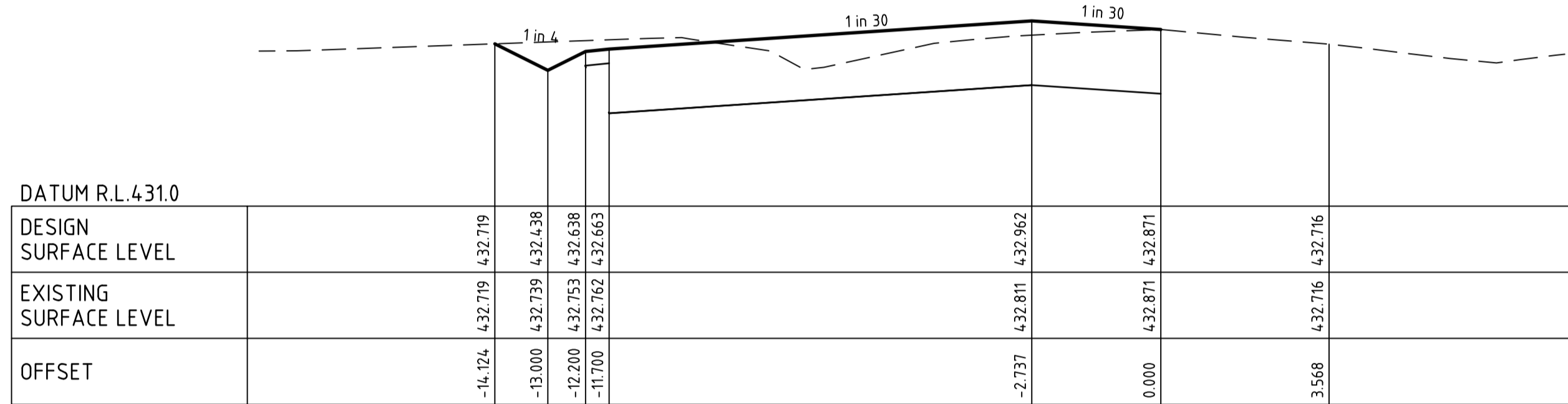
PRELIMINARY Drg No **309784CR300** Rev

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



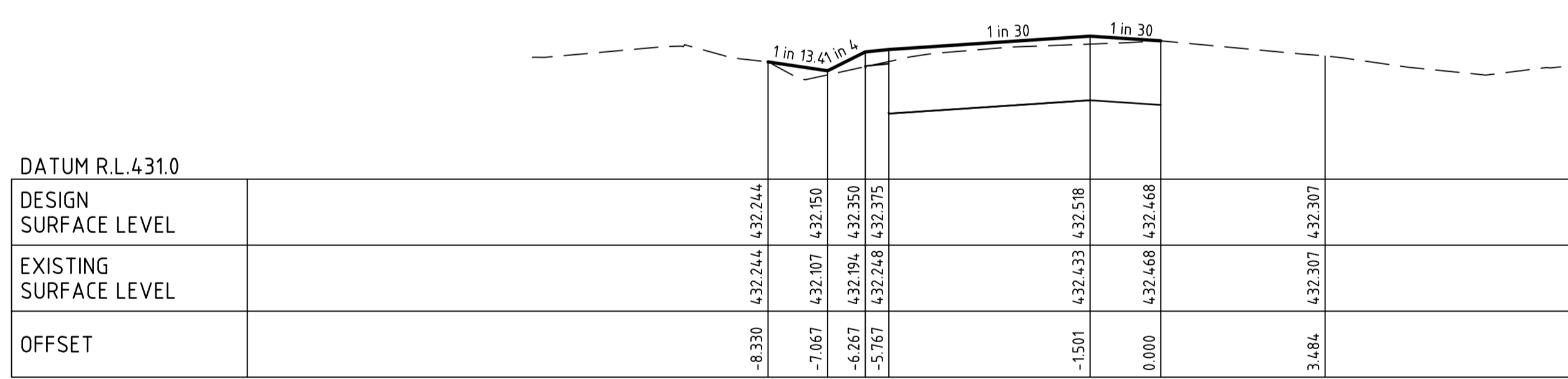
GREENHALGHS ROAD

CH 270.33



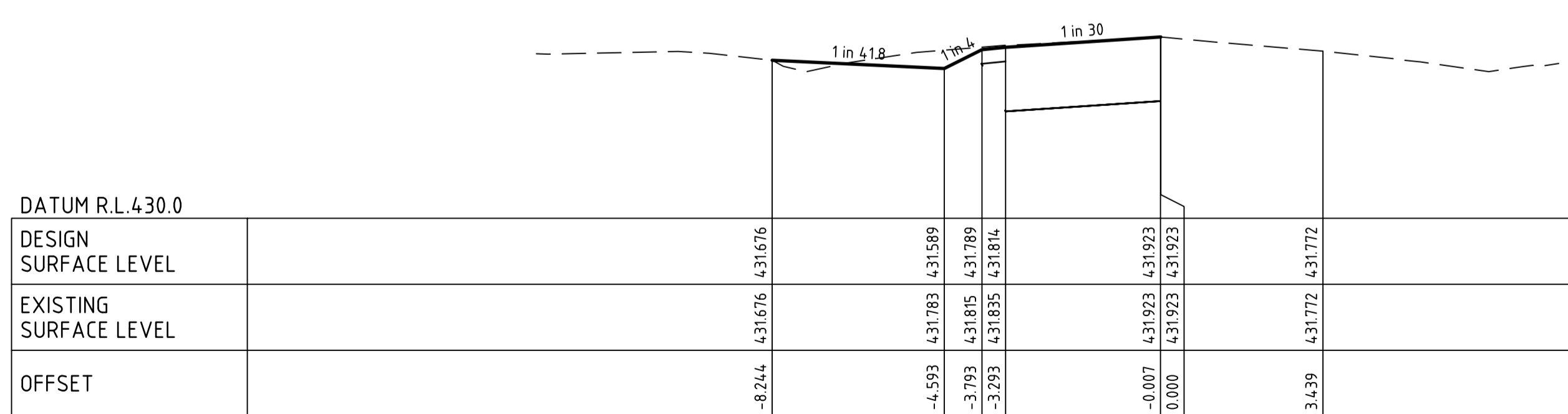
GREENHALGHS ROAD

CH 218.36



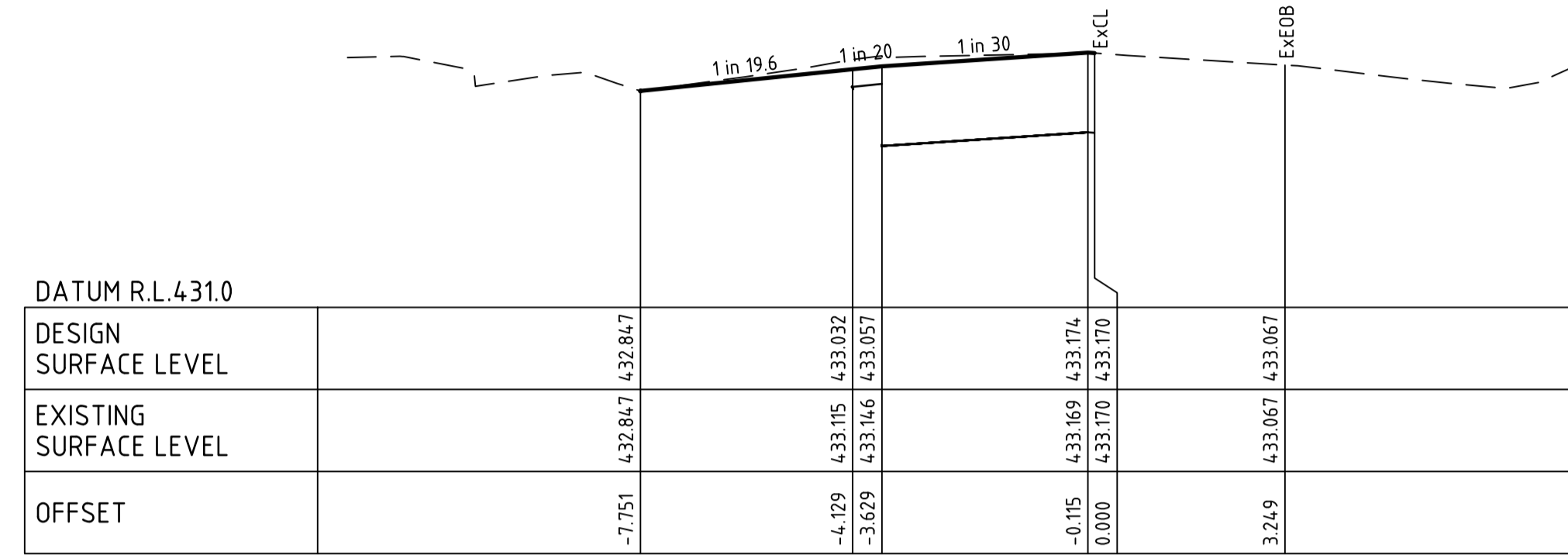
GREENHALGHS ROAD

CH 205.00



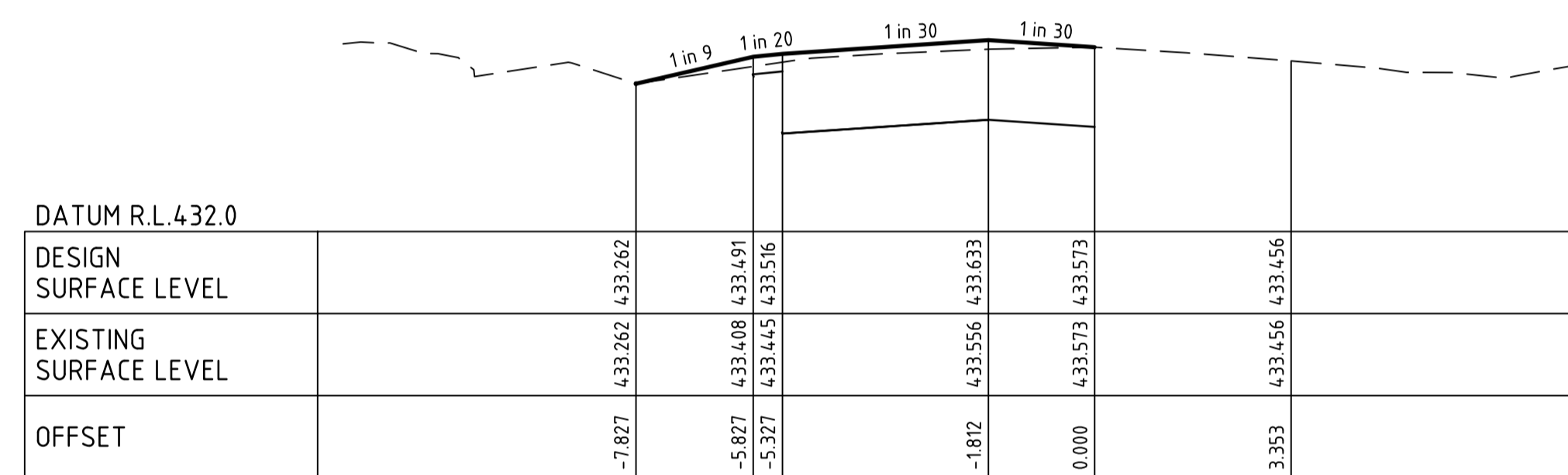
GREENHALGHS ROAD

CH 185.68



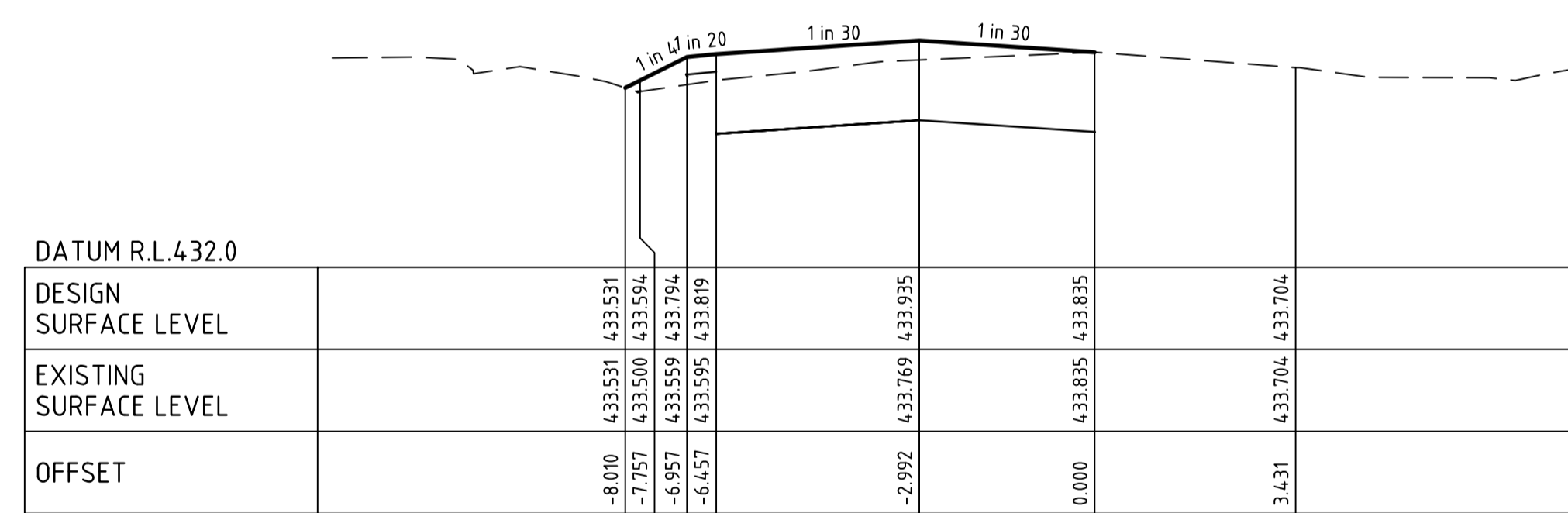
GREENHALGHS ROAD

CH 340.79



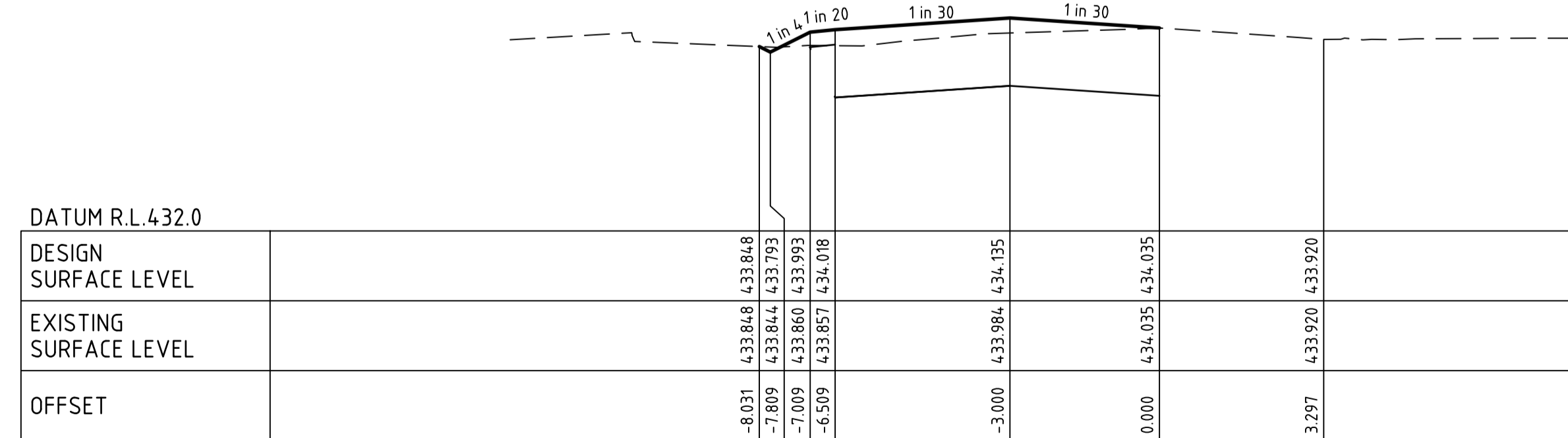
GREENHALGHS ROAD

CH 322.30



GREENHALGHS ROAD

CH 308.25

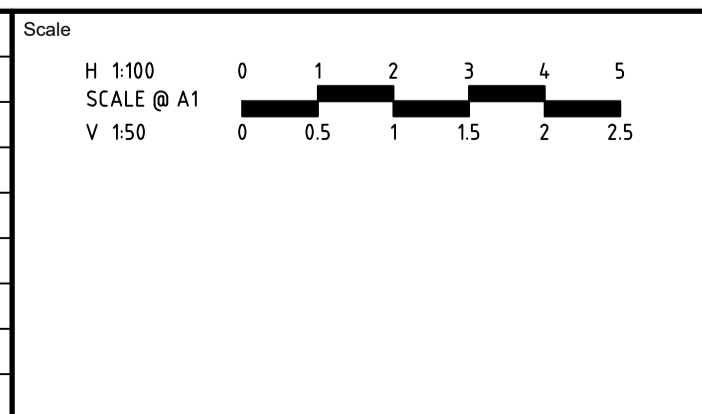


GREENHALGHS ROAD

CH 290.79

file name: 309784CR400.dwg, layout name: CR400, plot date: 04/02/2022, 3:18 PM, Sheet 5 of 15 Sheets

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.



16 BRIDGE STREET BENDIGO
 VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
 spiire.com.au ABN 55 050 029 635

Designed
 S.WOOD

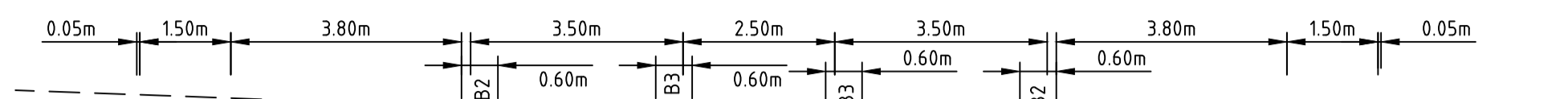
Authorised
 A.WILKIE

Checked

Date

CONROY'S GREEN
STAGE 7
 ROAD AND DRAINAGE
 ROAD CROSS SECTIONS - SHEET 1
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L

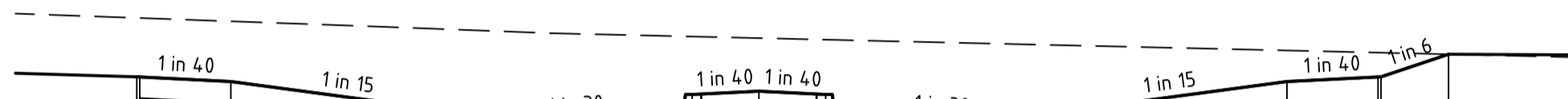
PRELIMINARY Dwg No **309784CR400** Rev **-**



DATUM R.L. 431.0	
DESIGN SURFACE LEVEL	-10.250 432.879 432.376 -10.200 432.878 432.375 -8.700 432.869 432.338 -4.900 432.777 432.084 -4.300 432.765 431.984 -1.700 432.716 432.071 -1.100 432.707 432.231 0.000 432.694 432.258 1.100 432.681 432.231 1.700 432.674 432.071 4.300 432.644 431.984 4.900 432.637 432.084 8.700 432.592 432.338 10.200 432.574 432.375 10.250 432.574 432.376 11.355 432.561 432.561
EXISTING SURFACE LEVEL	
OFFSET	

LAPWING ENTRANCE

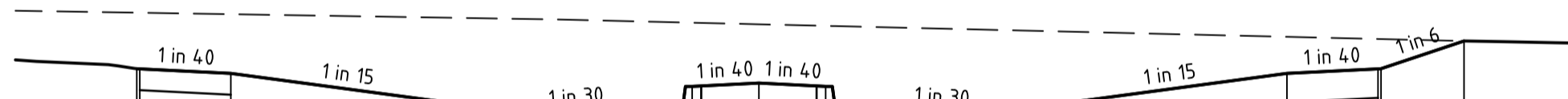
CH 22.13



DATUM R.L. 431.0	
DESIGN SURFACE LEVEL	-10.250 432.817 432.333 -10.200 432.816 432.332 -8.700 432.789 432.295 -4.900 432.719 432.041 -4.300 432.708 431.941 -1.700 432.671 432.028 -1.100 432.664 432.088 0.000 432.651 432.215 1.100 432.638 432.088 1.700 432.631 432.028 4.300 432.601 431.941 4.900 432.594 432.041 8.700 432.550 432.295 10.200 432.532 432.332 10.250 432.532 432.333 11.362 432.519 432.519
EXISTING SURFACE LEVEL	
OFFSET	

LAPWING ENTRANCE

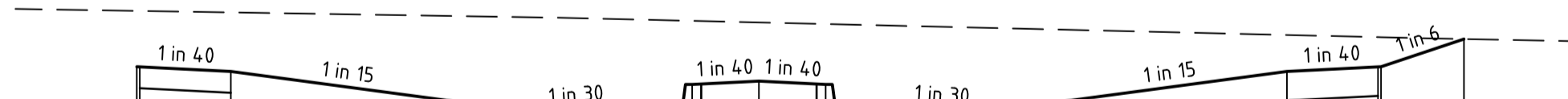
CH 20.00



DATUM R.L. 431.0	
DESIGN SURFACE LEVEL	-10.250 432.680 432.220 -10.200 432.680 432.219 -8.700 432.668 432.181 -4.900 432.637 431.928 -4.300 432.632 431.828 -1.700 432.605 431.915 -1.100 432.598 432.075 0.000 432.585 432.102 1.100 432.572 432.075 1.700 432.565 431.915 4.300 432.534 431.828 4.900 432.527 431.928 8.700 432.482 432.181 10.200 432.464 432.219 10.250 432.463 432.220 11.617 432.448 432.448
EXISTING SURFACE LEVEL	
OFFSET	

LAPWING ENTRANCE

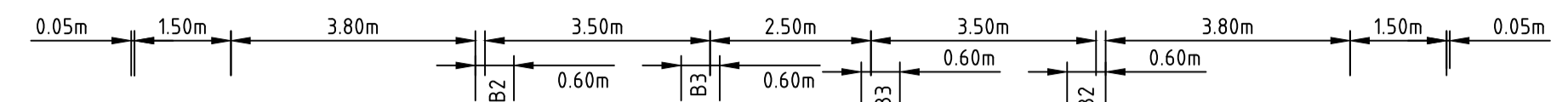
CH 12.55



DATUM R.L. 431.0	
DESIGN SURFACE LEVEL	-10.250 432.676 432.217 -10.200 432.675 432.216 -8.700 432.663 432.178 -4.900 432.633 431.925 -4.300 432.628 431.825 -1.700 432.601 431.912 -1.100 432.594 432.072 0.000 432.581 432.099 1.100 432.568 432.072 1.700 432.561 431.912 4.300 432.530 431.825 4.900 432.523 431.925 8.700 432.478 432.178 10.200 432.460 432.216 10.250 432.459 432.217 11.616 432.445 432.445
EXISTING SURFACE LEVEL	
OFFSET	

LAPWING ENTRANCE

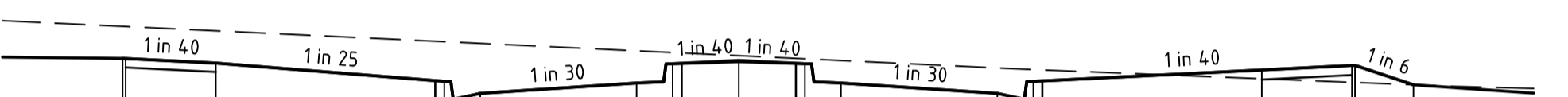
CH 11.95



DATUM R.L. 432.0	
DESIGN SURFACE LEVEL	-10.250 433.477 433.266 -10.200 433.477 433.265 -8.700 433.392 433.228 -4.900 433.298 432.974 -4.300 433.277 432.874 -1.700 433.187 432.961 -1.100 433.159 433.121 0.000 433.080 433.148 1.100 433.043 433.121 1.700 433.023 432.961 4.300 433.010 432.874 4.900 432.996 432.974 8.700 432.918 433.069 10.200 432.889 433.107 10.250 432.888 433.108 11.745 432.859 432.859
EXISTING SURFACE LEVEL	
OFFSET	

LAPWING ENTRANCE

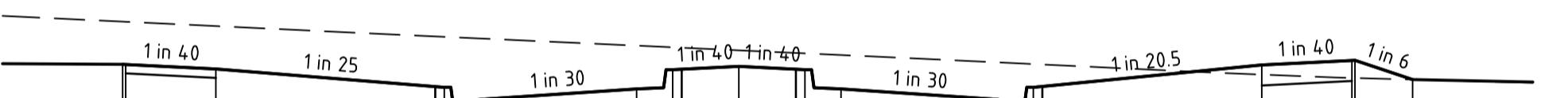
CH 59.63



DATUM R.L. 432.0	
DESIGN SURFACE LEVEL	-10.250 433.233 432.967 -10.200 433.232 432.965 -8.700 433.196 432.928 -4.900 433.106 432.776 -4.300 433.092 432.676 -1.700 433.030 432.762 -1.100 433.016 432.922 0.000 432.990 432.950 1.100 432.964 432.922 1.700 432.949 432.762 4.300 432.888 432.676 4.900 432.874 432.776 8.700 432.798 432.871 10.200 432.768 432.908 10.250 432.767 432.910 11.223 432.747 432.747
EXISTING SURFACE LEVEL	
OFFSET	

LAPWING ENTRANCE

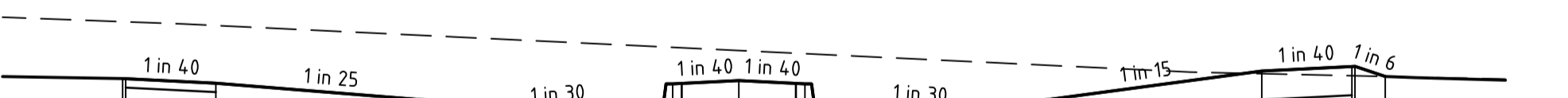
CH 47.13



DATUM R.L. 431.0	
DESIGN SURFACE LEVEL	-10.250 433.144 432.789 -10.200 433.143 432.788 -8.700 433.107 432.750 -4.900 433.018 432.598 -4.300 433.004 432.498 -1.700 432.944 432.585 -1.100 432.931 432.745 0.000 432.906 432.773 1.100 432.880 432.745 1.700 432.867 432.585 4.300 432.806 432.498 4.900 432.792 432.598 8.700 432.704 432.784 10.200 432.676 432.821 10.250 432.676 432.823 11.209 432.663 432.663
EXISTING SURFACE LEVEL	
OFFSET	

LAPWING ENTRANCE

CH 40.00



DATUM R.L. 431.0	
DESIGN SURFACE LEVEL	-10.250 432.094 432.622 -10.200 432.093 432.621 -8.700 432.063 432.583 -4.900 432.972 432.431 -4.300 432.958 432.331 -1.700 432.896 432.418 -1.100 432.881 432.578 0.000 432.855 432.606 1.100 432.829 432.578 1.700 432.815 432.418 4.300 432.753 432.331 4.900 432.738 432.431 8.700 432.663 432.685 10.200 432.646 432.722 10.250 432.645 432.724 10.754 432.640 432.640
EXISTING SURFACE LEVEL	
OFFSET	

LAPWING ENTRANCE

CH 34.63

file:///C:/Users/309784CR401/Desktop/Projects/Stage 7/Sheet 2/CH 11.95.dwg, last modified: 20/11/2023 11:05:15 AM, sheet 2 of 15 sheets

Rev	Amendments	Approved	Date

Scale
H 1:100
SCALE @ A1
V 1:50

© 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.

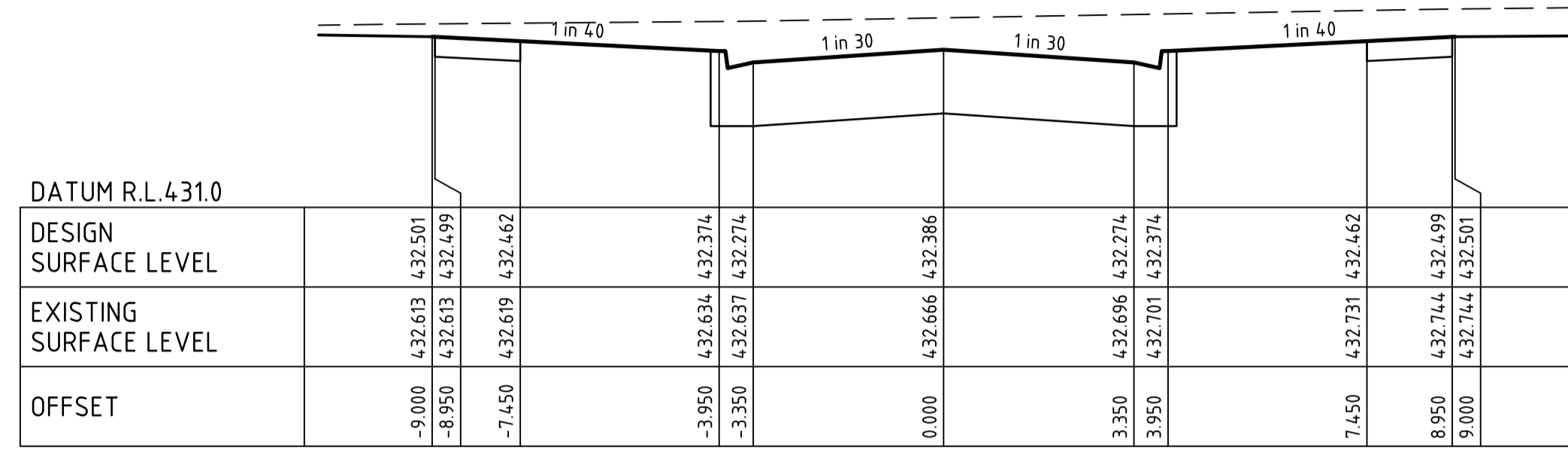
16 BRIDGE STREET BENDIGO
VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
spiire.com.au ABN 55 050 029 635

Designed	S.WOOD	Checked	
Authorised	A.WILKIE	Date	

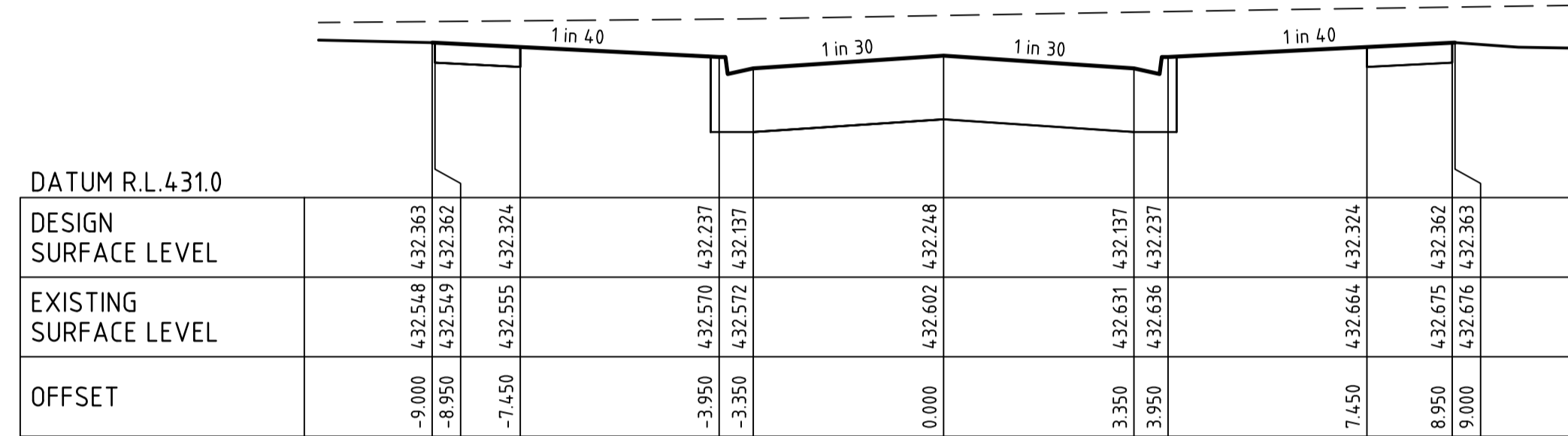
CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 2
CITY OF BALLARAT
SAN HUBERTO PROPERTY P/L

PRELIMINARY Dwg No 309784CR401 Rev -

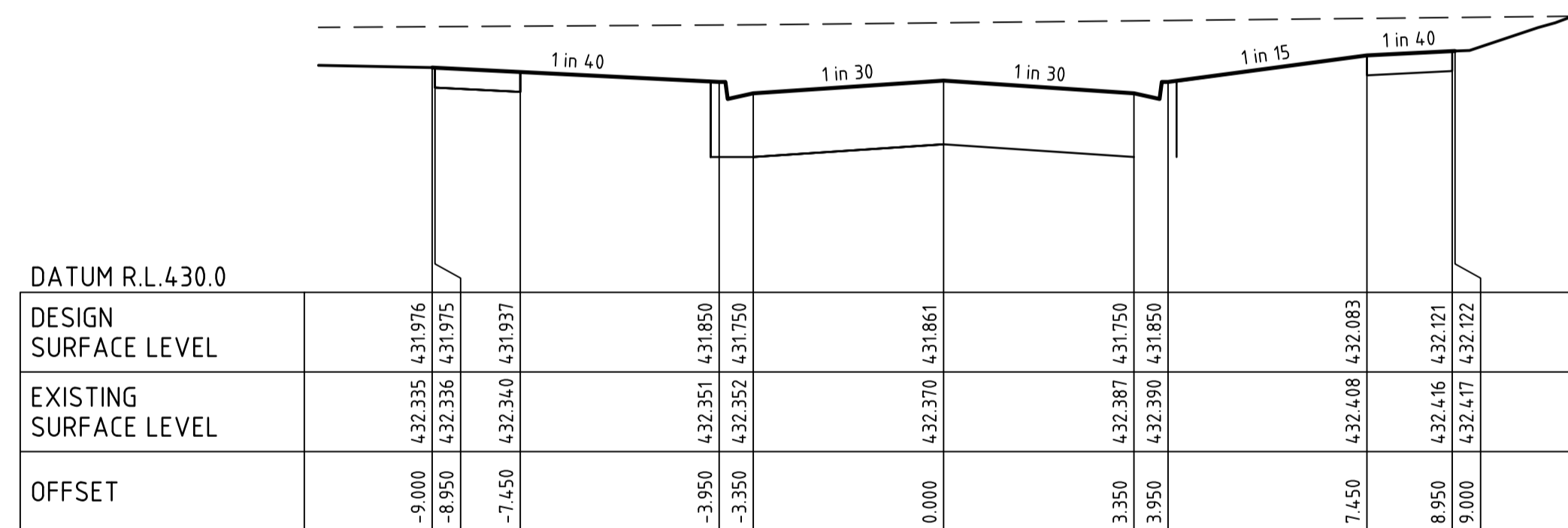
file name: 309784CR400.dwg, layout name: CR403, plot style: Sphero.ctb, plot date: 04/02/2022, 3:12 PM, Sheet: 8 of 15 Sheets



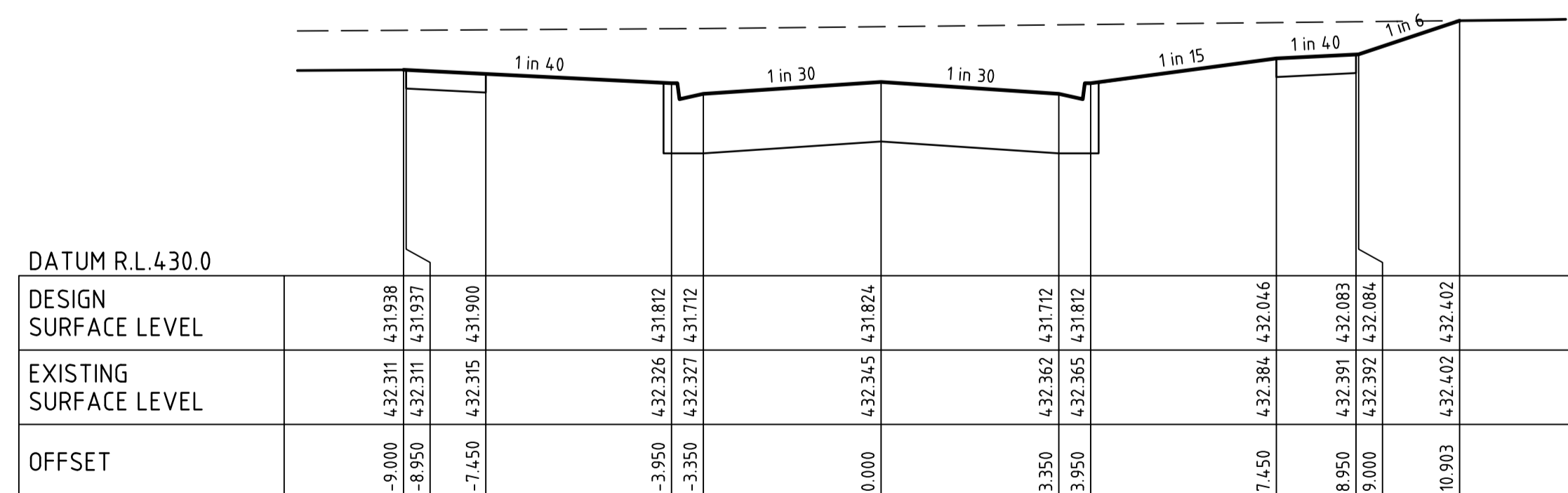
BUTCHERBIRD PARADE CH 499.96



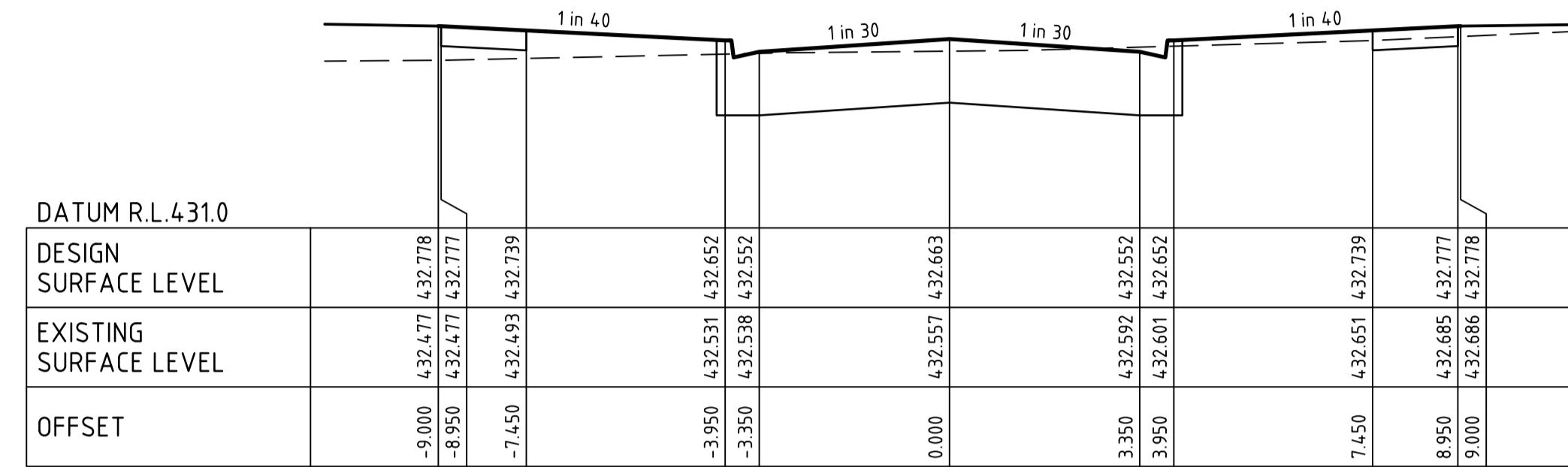
BUTCHERBIRD PARADE CH 490.79



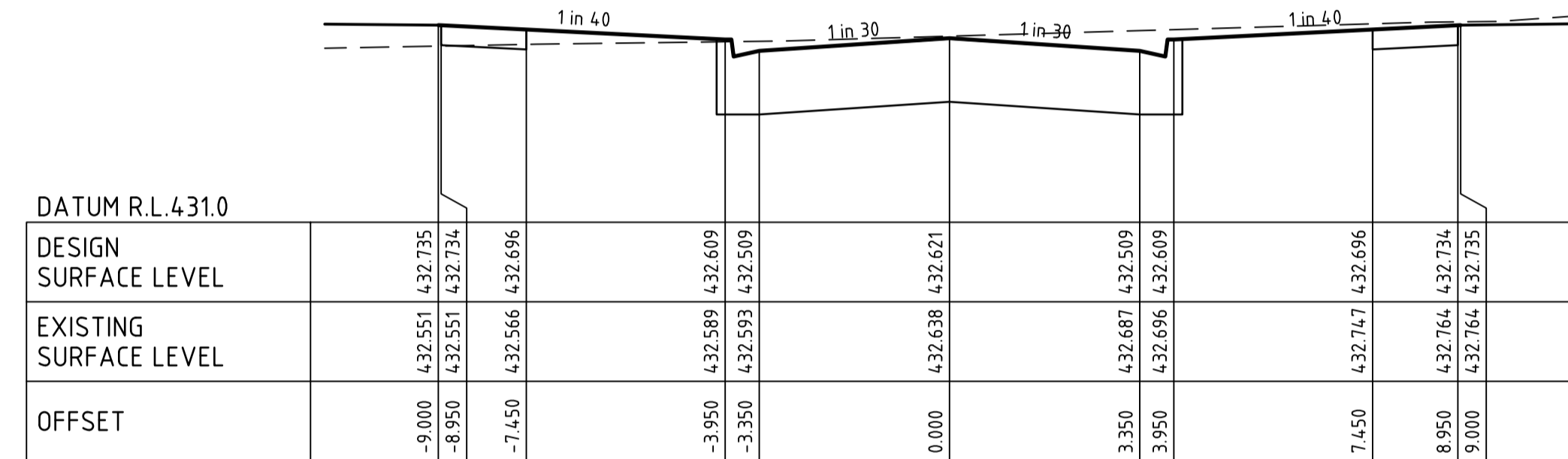
BUTCHERBIRD PARADE CH 464.99



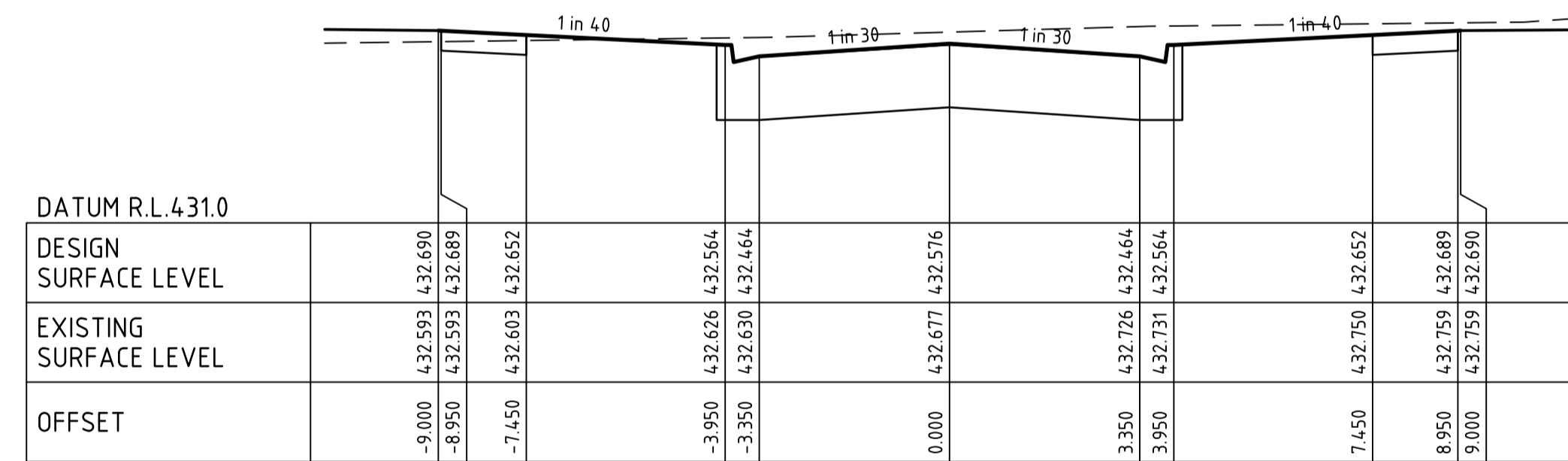
BUTCHERBIRD PARADE CH 462.48



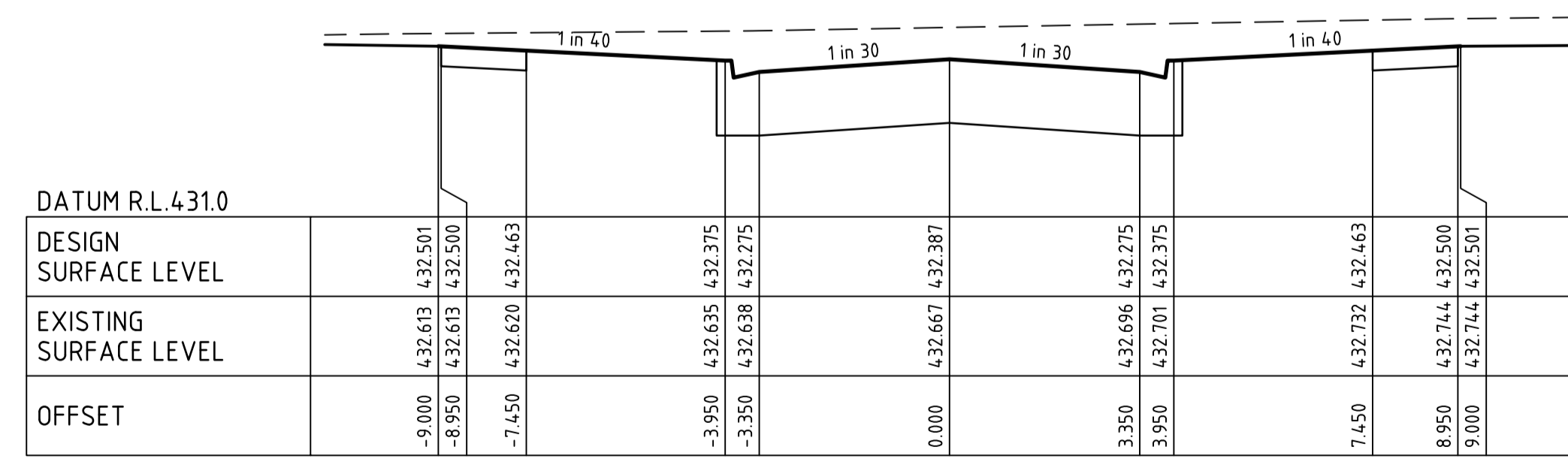
BUTCHERBIRD PARADE CH 529.96



BUTCHERBIRD PARADE CH 519.13

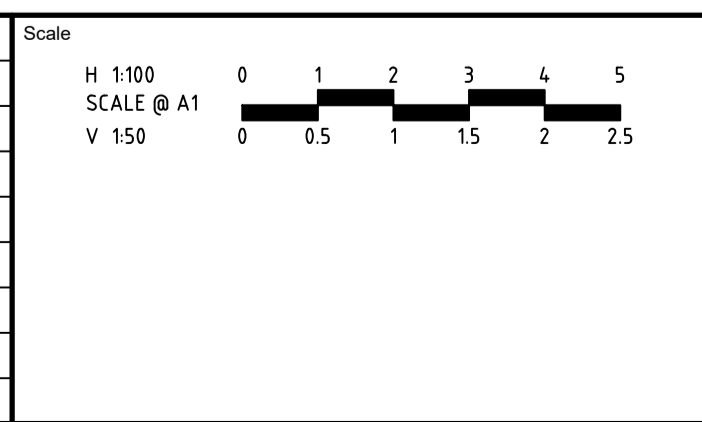


BUTCHERBIRD PARADE CH 513.96



BUTCHERBIRD PARADE CH 500.00

Rev	Amendments	Approved	Date



System Certified

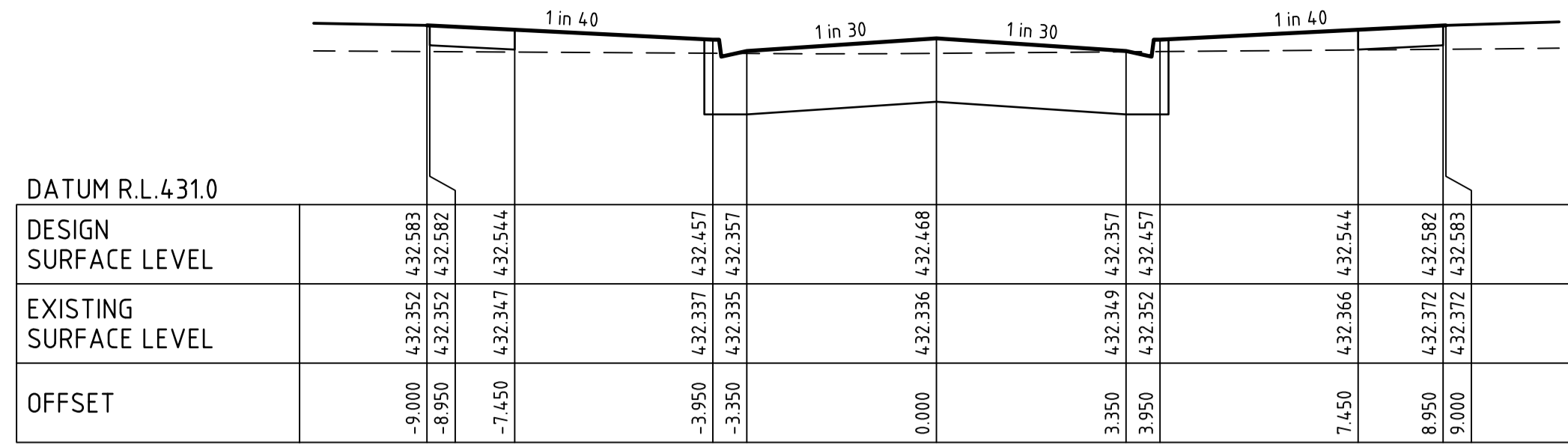
© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third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

16 BRIDGE STREET BENDIGO
VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
spiire.com.au ABN 55 050 029 635

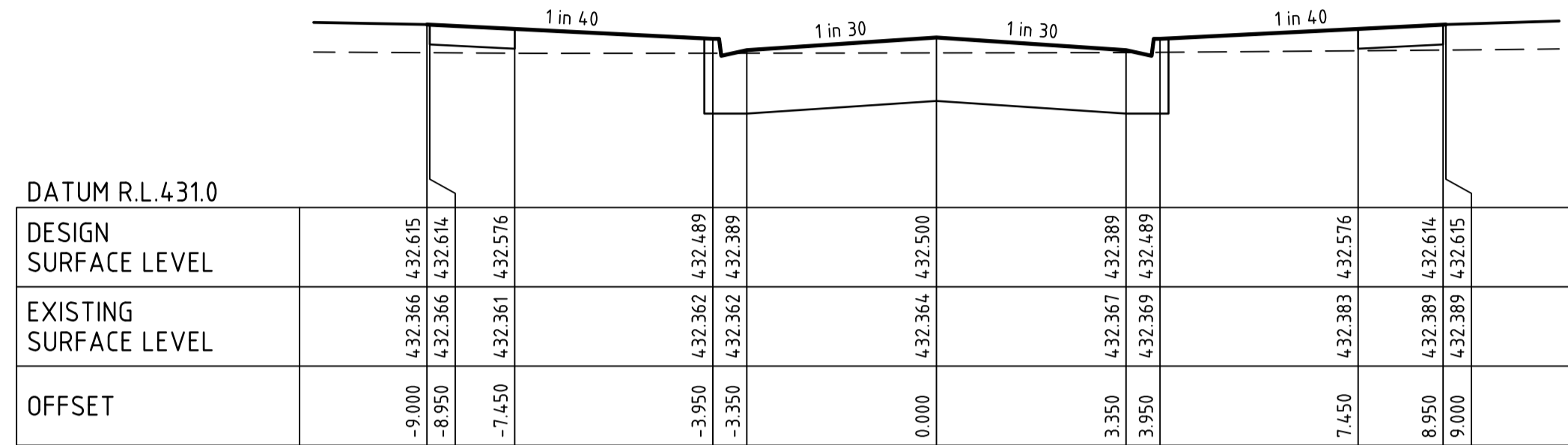
Designed S.WOOD	Checked
Authorised A.WILKIE	Date

CONROY'S GREEN
STAGE 7
 ROAD AND DRAINAGE
 ROAD CROSS SECTIONS - SHEET 4
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L

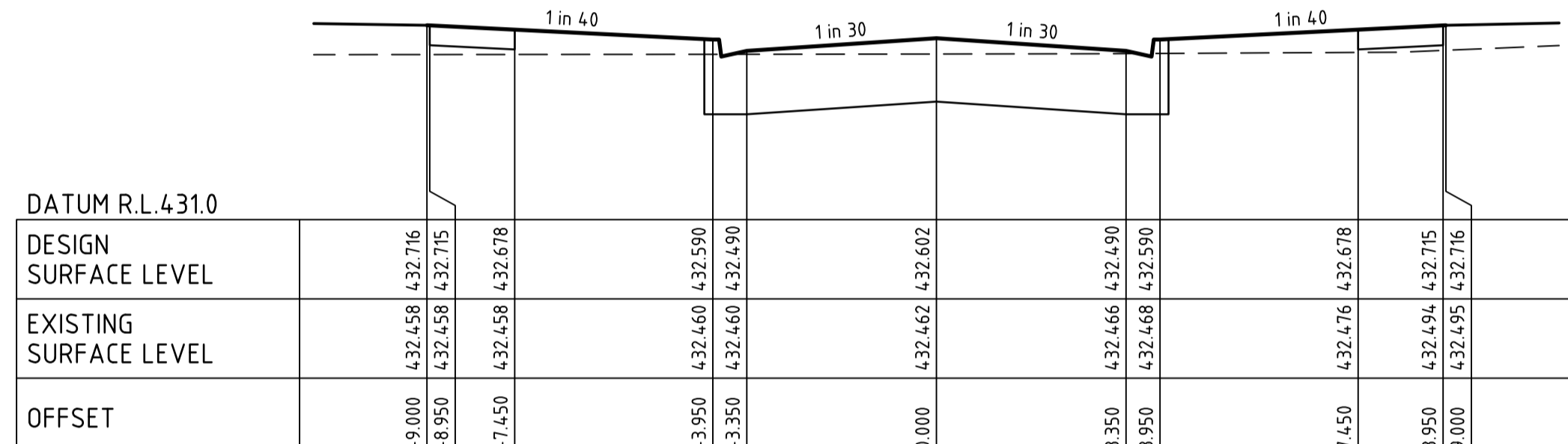
PRELIMINARY Dwg No 309784CR403 Rev -



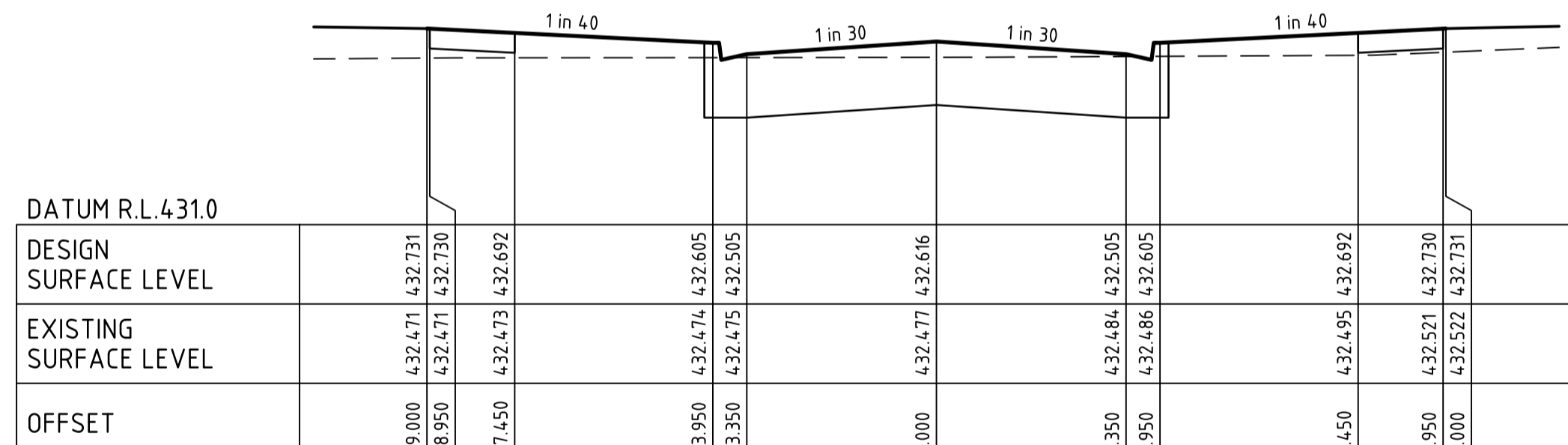
BUTHERBIRD PARADE CH 561.96



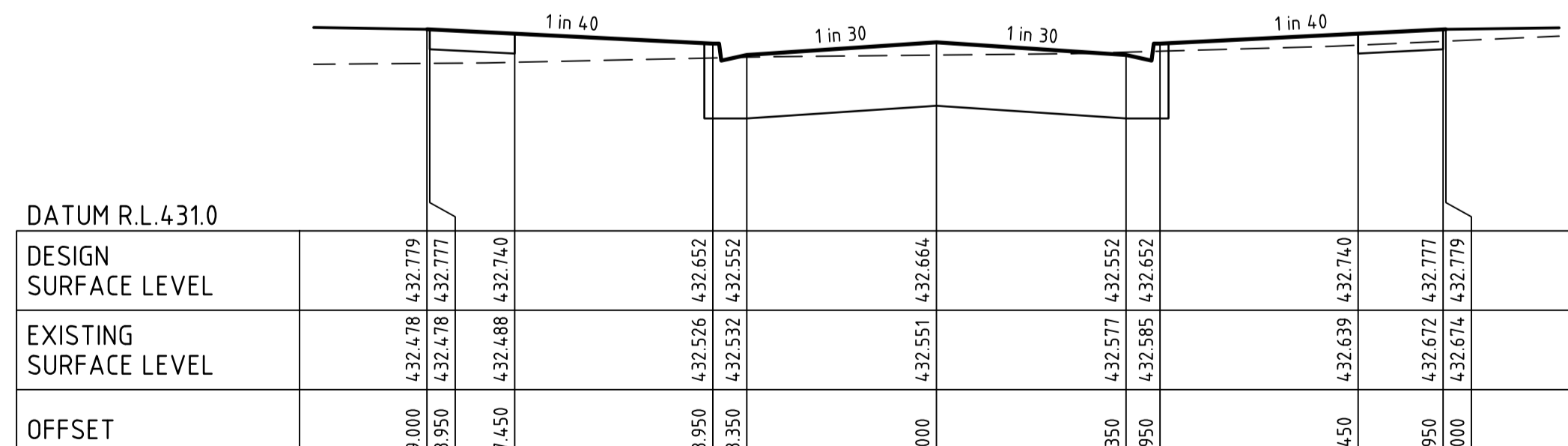
BUTHERBIRD PARADE CH 558.13



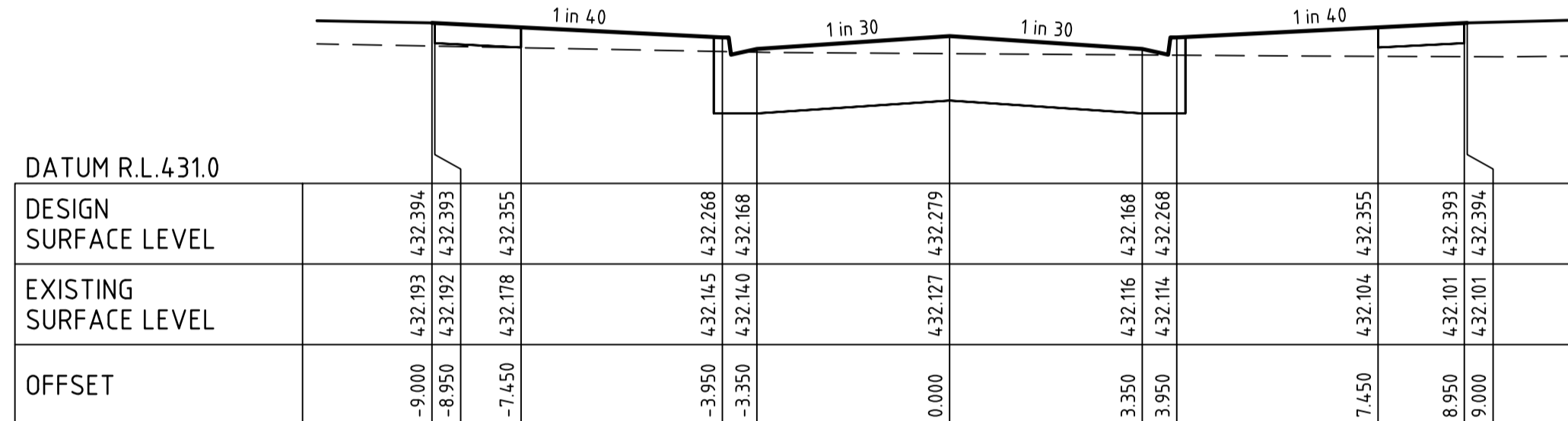
BUTHERBIRD PARADE CH 545.96



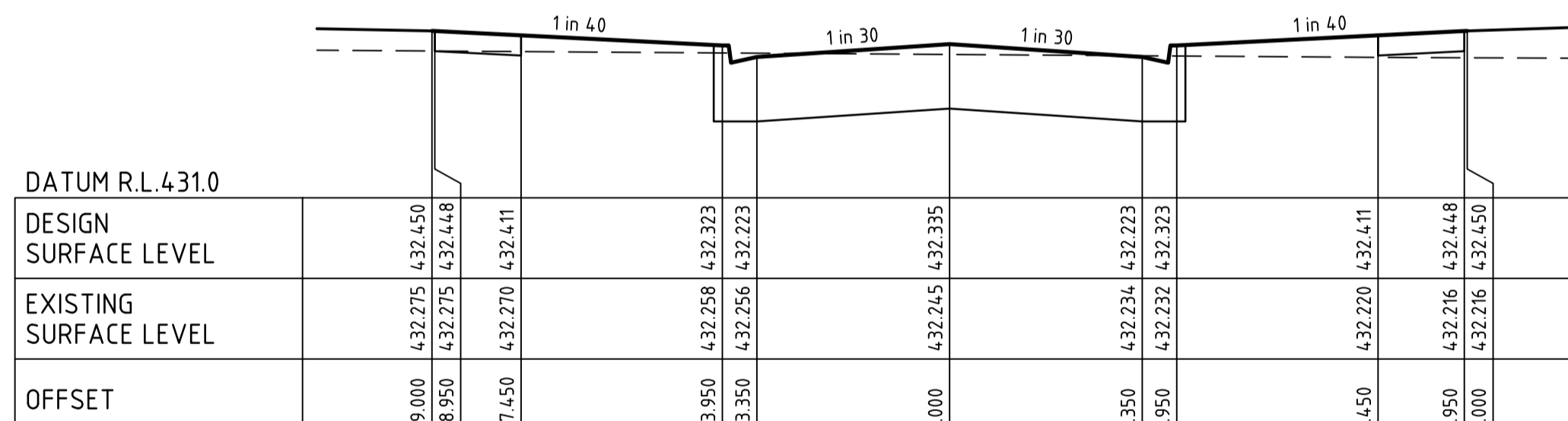
BUTHERBIRD PARADE CH 544.13



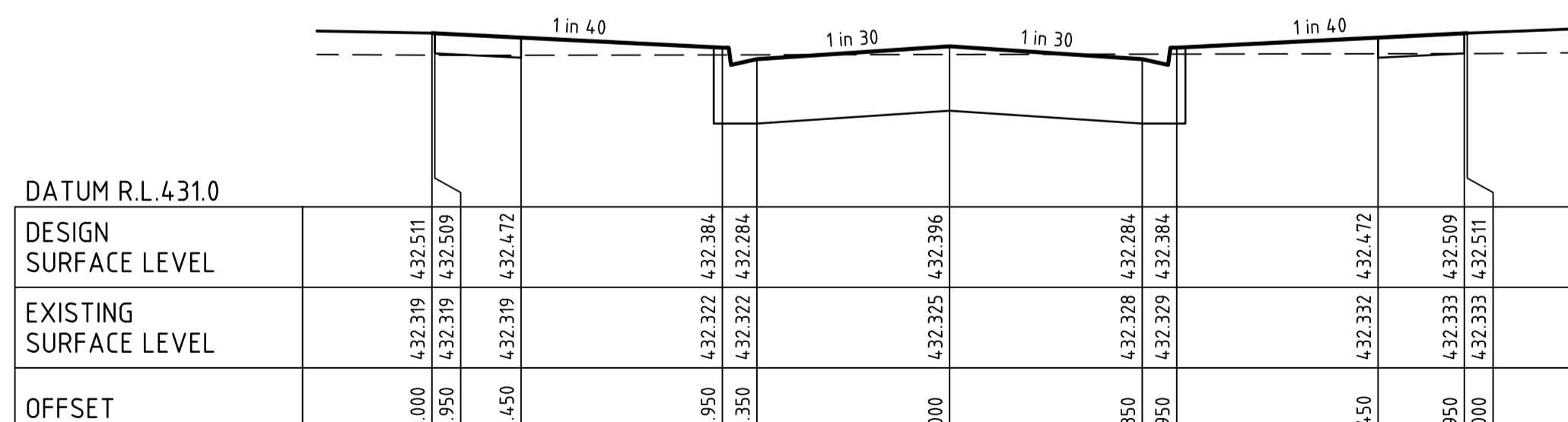
BUTHERBIRD PARADE CH 531.63



BUTHERBIRD PARADE CH 584.63



BUTHERBIRD PARADE CH 577.96



BUTHERBIRD PARADE CH 570.63

file name: 309784CR400.dwg, layout name: CR400, plotted by: Channah Wood, file location: U:\309784\309784\309784\CAD\plot date: 04/02/2022 3:12 PM Sheet 9 of 15 Sheets

Rev	Amendments	Approved	Date

Scale
H 1:100
SCALE @ A1
V 1:50

© 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.

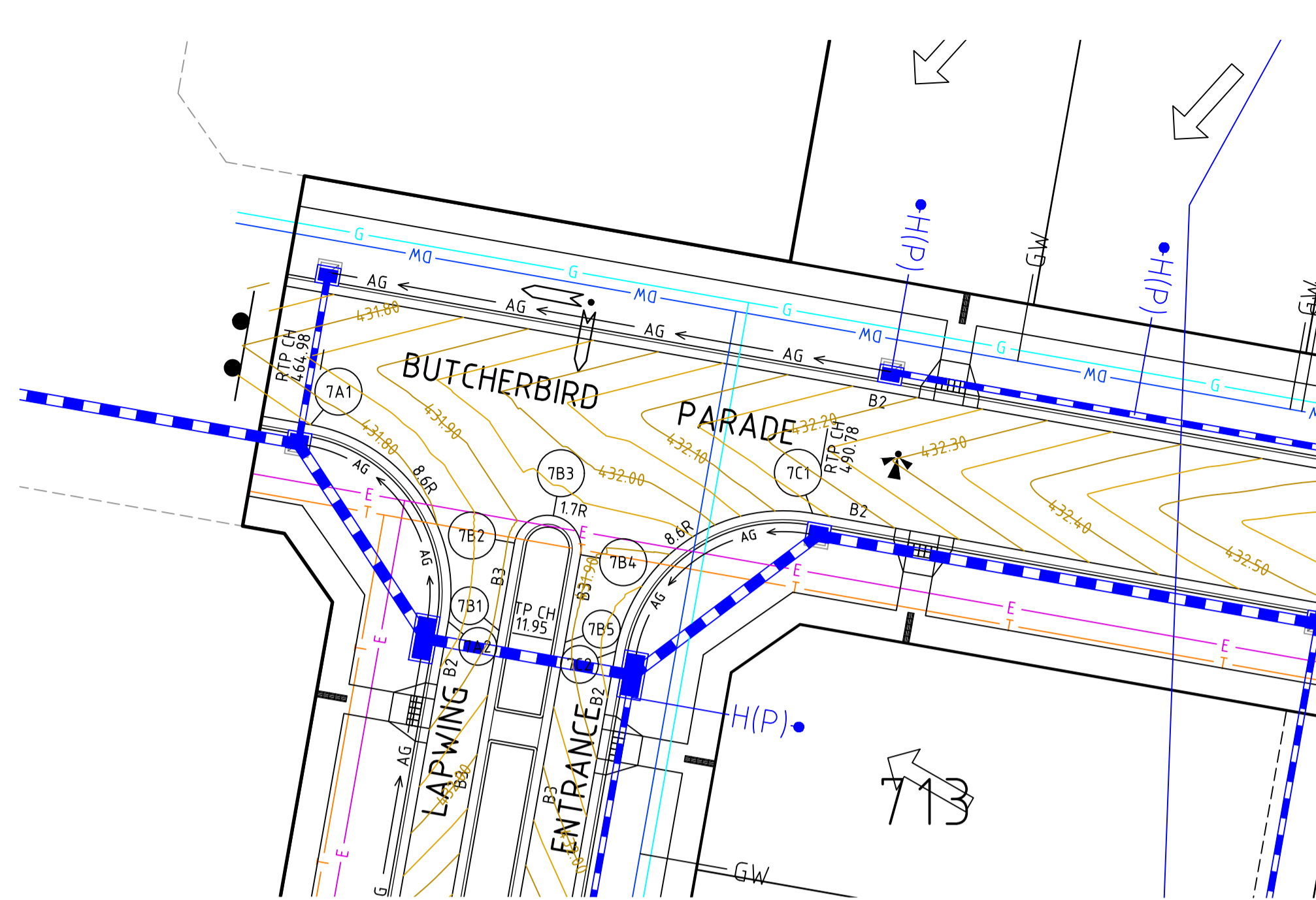
ISO 9001
ISO 45001
ISO 14001
System Certified

16 BRIDGE STREET BENDIGO
VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
spiire.com.au ABN 55 050 029 635

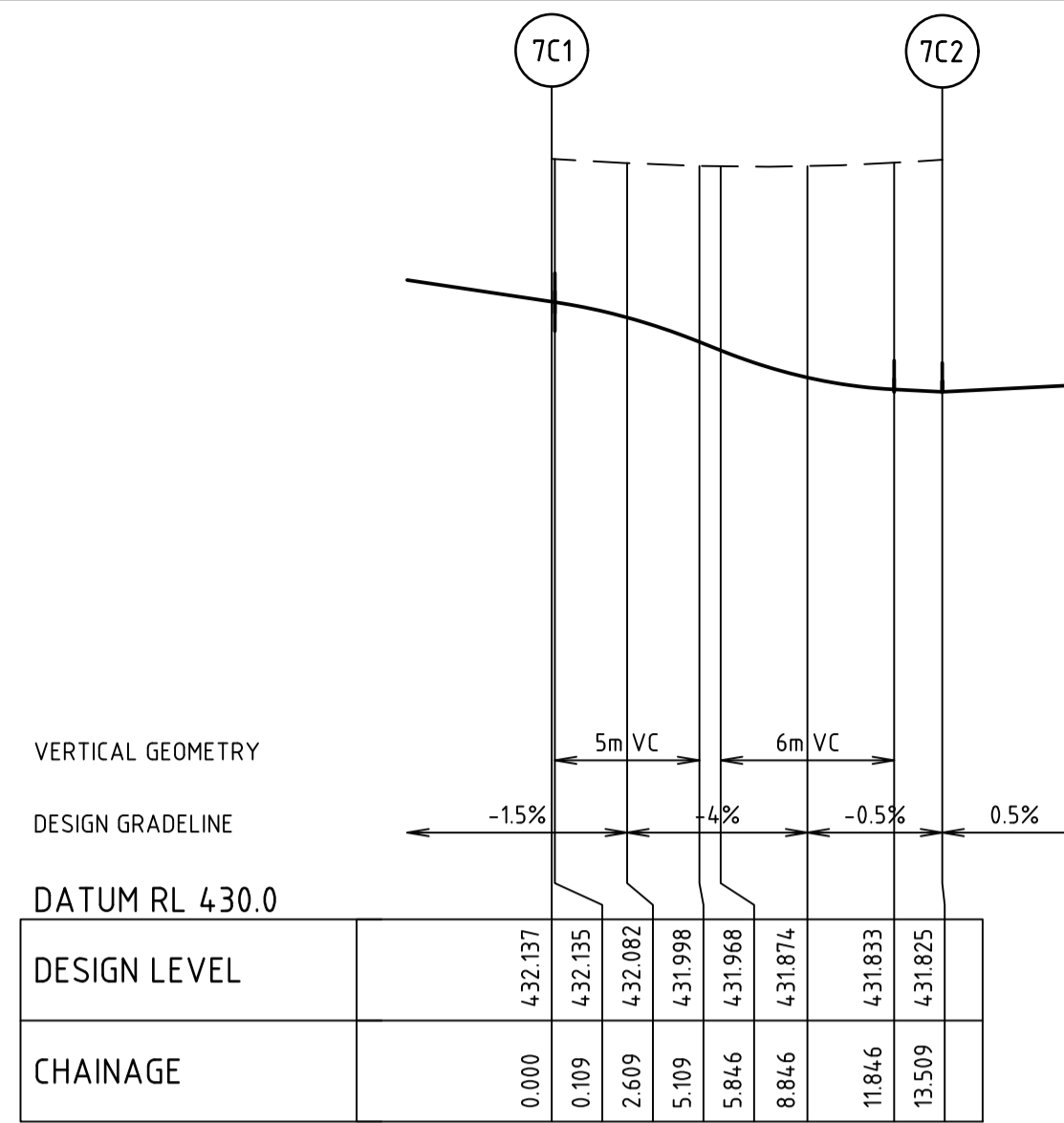
Designed S.WOOD	Checked
Authorised A.WILKIE	Date

CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 5
CITY OF BALLARAT
SAN HUBERTO PROPERTY P/L

PRELIMINARY Dwg No 309784CR404 Rev -



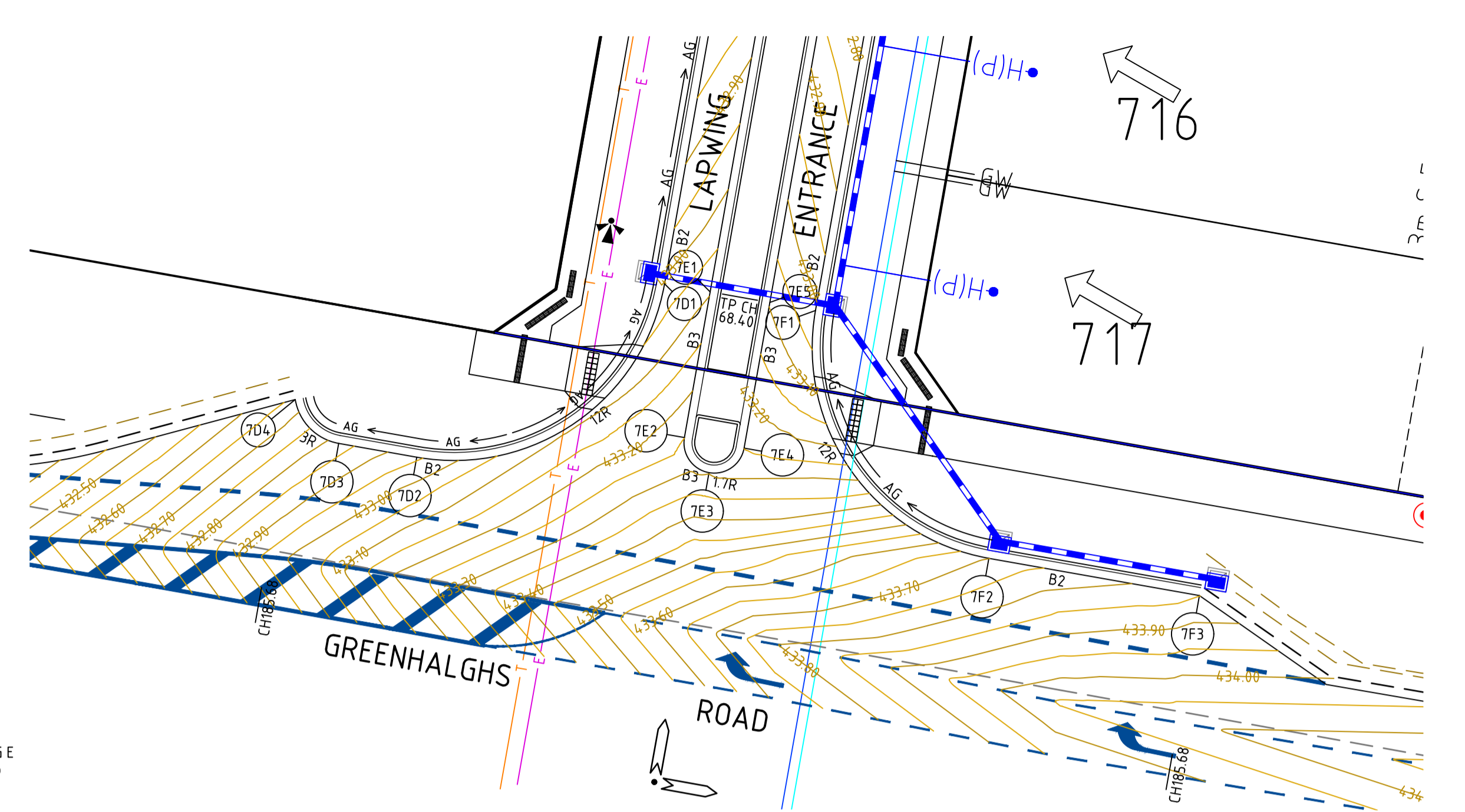
CORMORANT GRANGE AND MYNA STREET
KERB RETURN



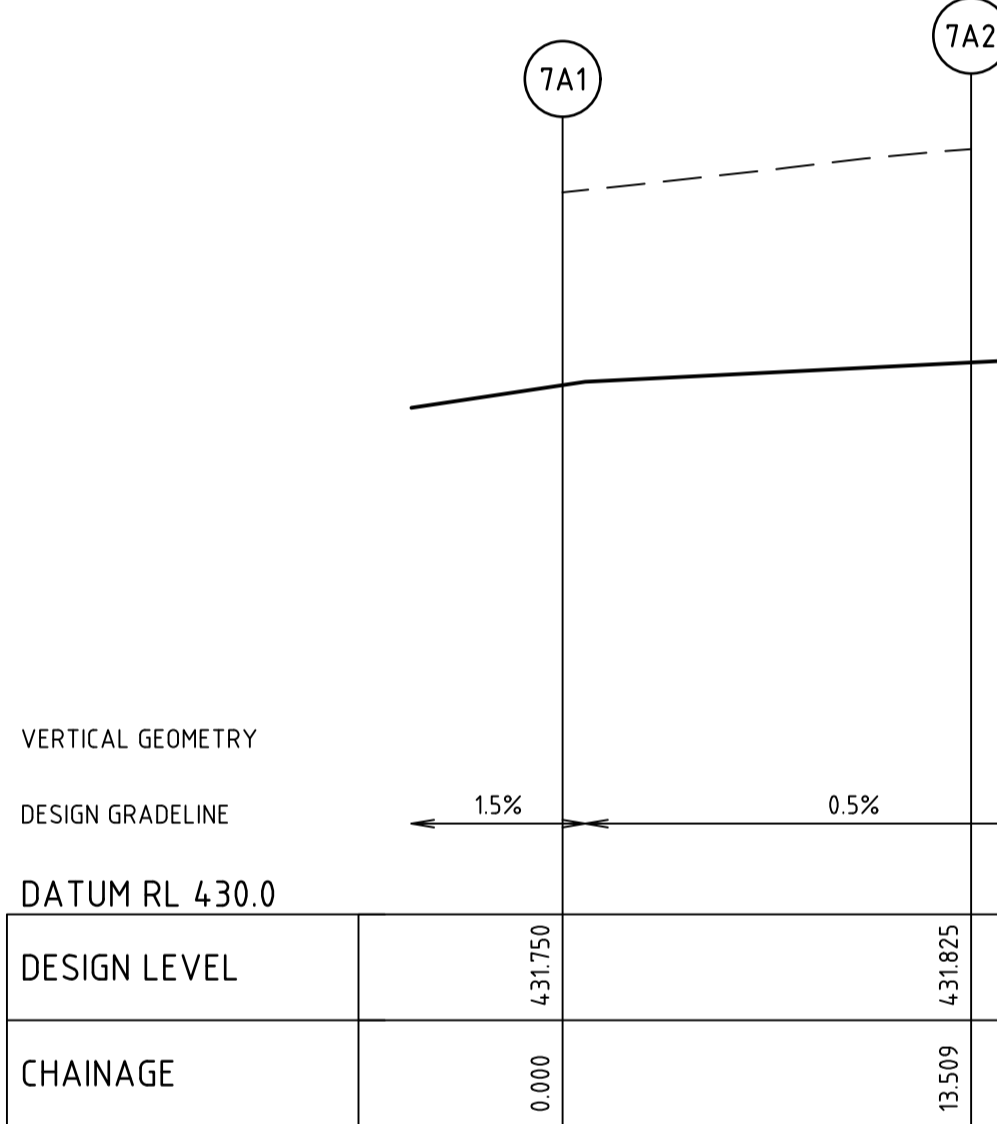
ALIGNMENT 7C

POINT NO	EASTING	NORTHING	RL	CHAINAGE
7C1	745666.809	5837064.177	432.137	0.000
7C1	745663.454	5837064.105	432.059	3.377
7C1	745660.382	5837062.755	431.934	6.754
7C1	745658.060	5837060.332	431.850	10.132
7C2	745656.843	5837057.205	431.825	13.509

Curve no	Radius	Arc	Mid Ord	Qtr Ord
7C12	8.600	13.509	2.519	1.864



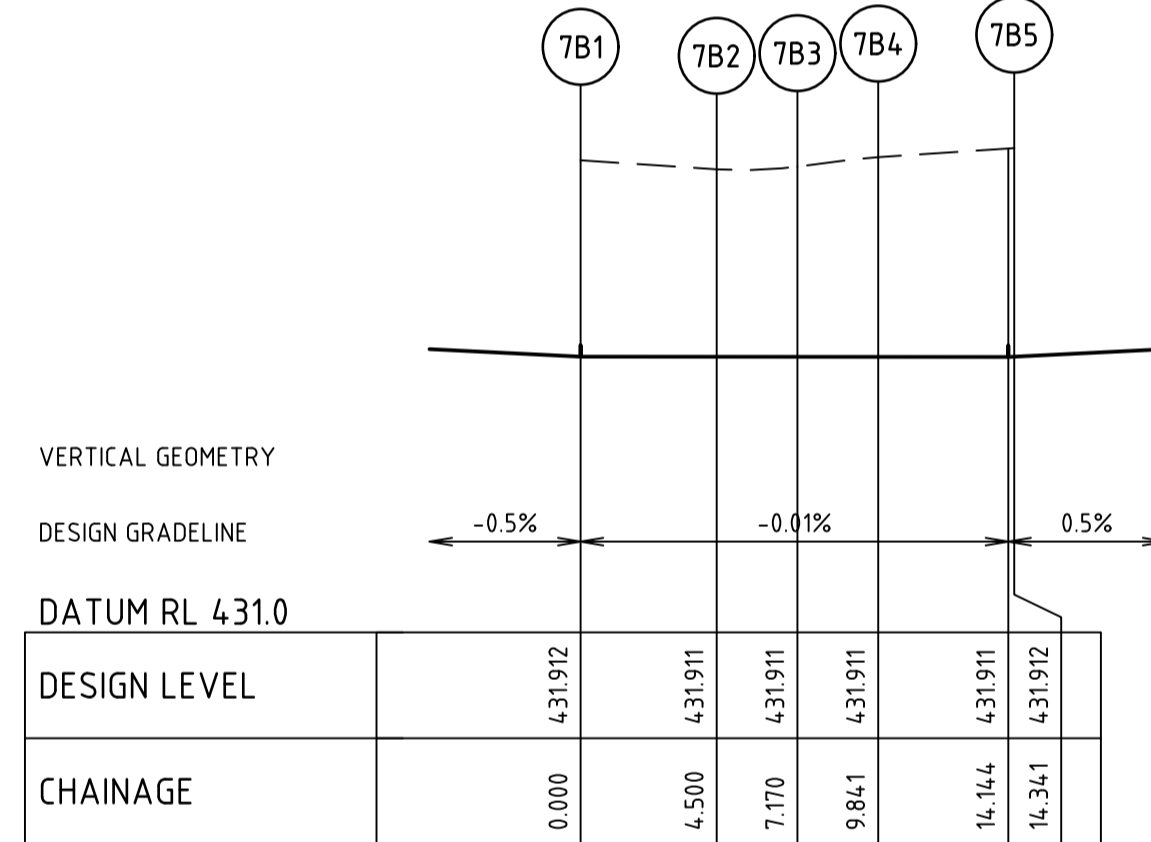
CORMORANT GRANGE AND EGRET STREET
KERB RETURN



ALIGNMENT 7A

POINT NO	EASTING	NORTHING	RL	CHAINAGE
7A1	745641.402	5837068.667	431.750	0.000
7A1	745644.529	5837067.450	431.774	3.377
7A1	745646.952	5837065.128	431.791	6.754
7A2	745648.302	5837062.057	431.808	10.132
7A2	745648.374	5837058.702	431.825	13.509

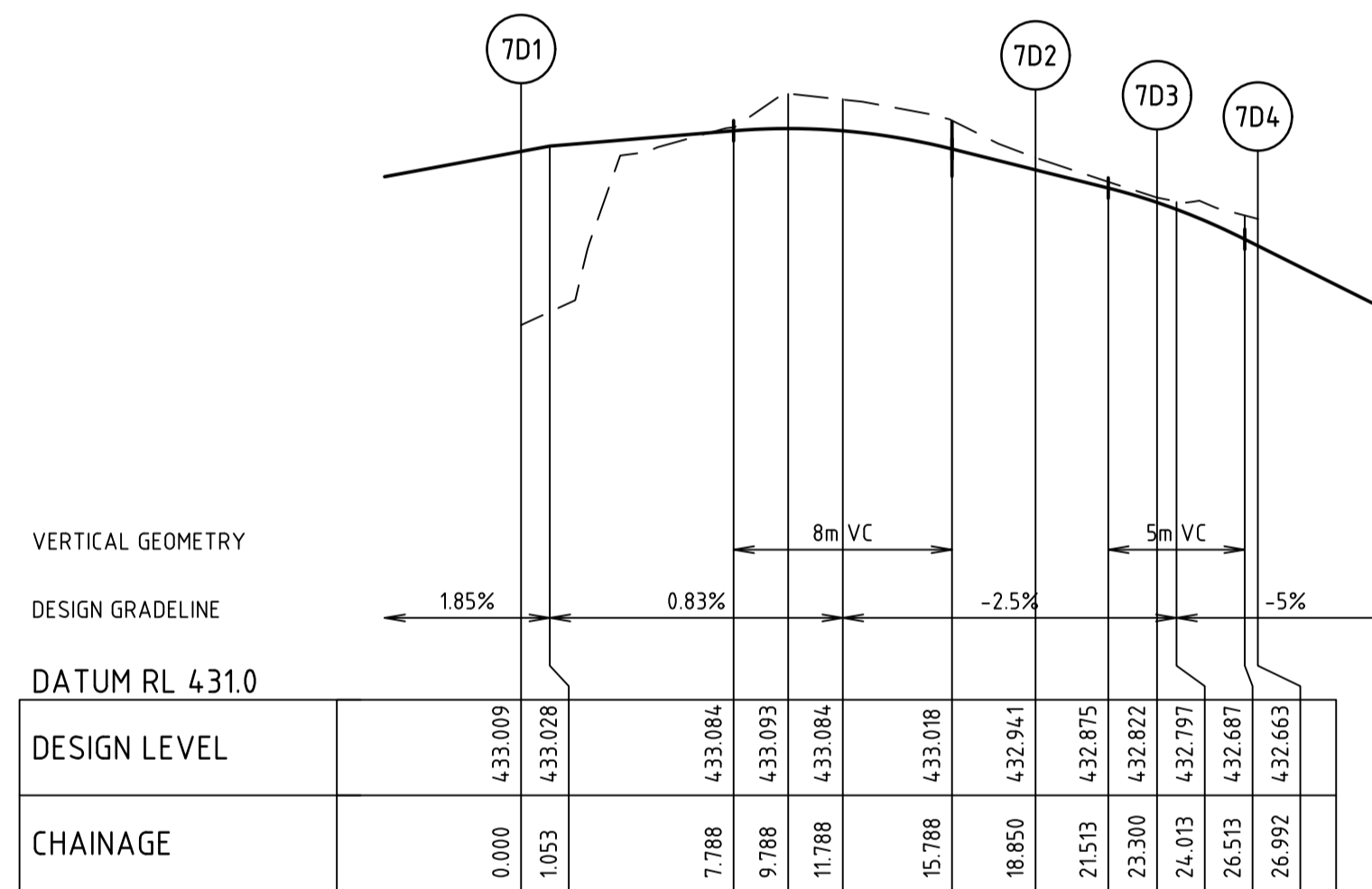
Curve no	Radius	Arc	Mid Ord	Qtr Ord
7A12	8.600	13.509	2.519	1.864



ALIGNMENT 7B

POINT NO	EASTING	NORTHING	RL	CHAINAGE
7B1	745650.935	5837058.249	431.912	0.000
7B2	745651.718	5837062.681	431.911	4.500
7B3	745651.958	5837063.299	431.911	5.168
7B4	745652.417	5837063.778	431.911	5.835
7B5	745653.025	5837064.045	431.911	6.503
7B3	745653.688	5837064.059	431.911	7.170
7B4	745654.306	5837063.818	431.911	7.838
7B5	745654.785	5837063.359	431.911	8.506
7B4	745655.052	5837062.752	431.911	9.173
7B5	745655.066	5837062.089	431.911	9.841
7B5	745654.283	5837057.658	431.912	14.341

Curve no	Radius	Arc	Mid Ord	Qtr Ord
7B23	1.700	2.670	0.498	0.369
7B34	1.700	2.670	0.498	0.369



ALIGNMENT 7D

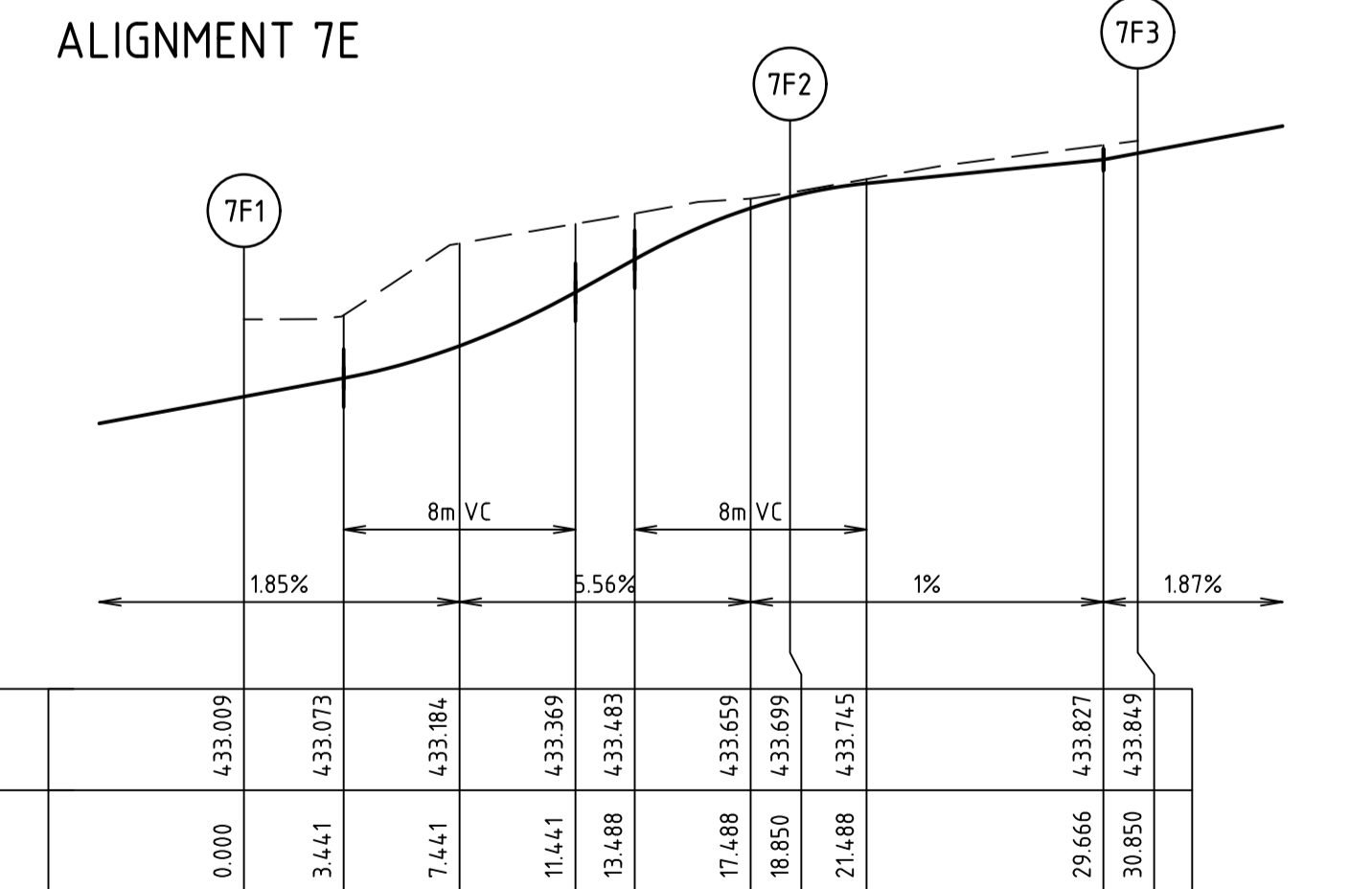
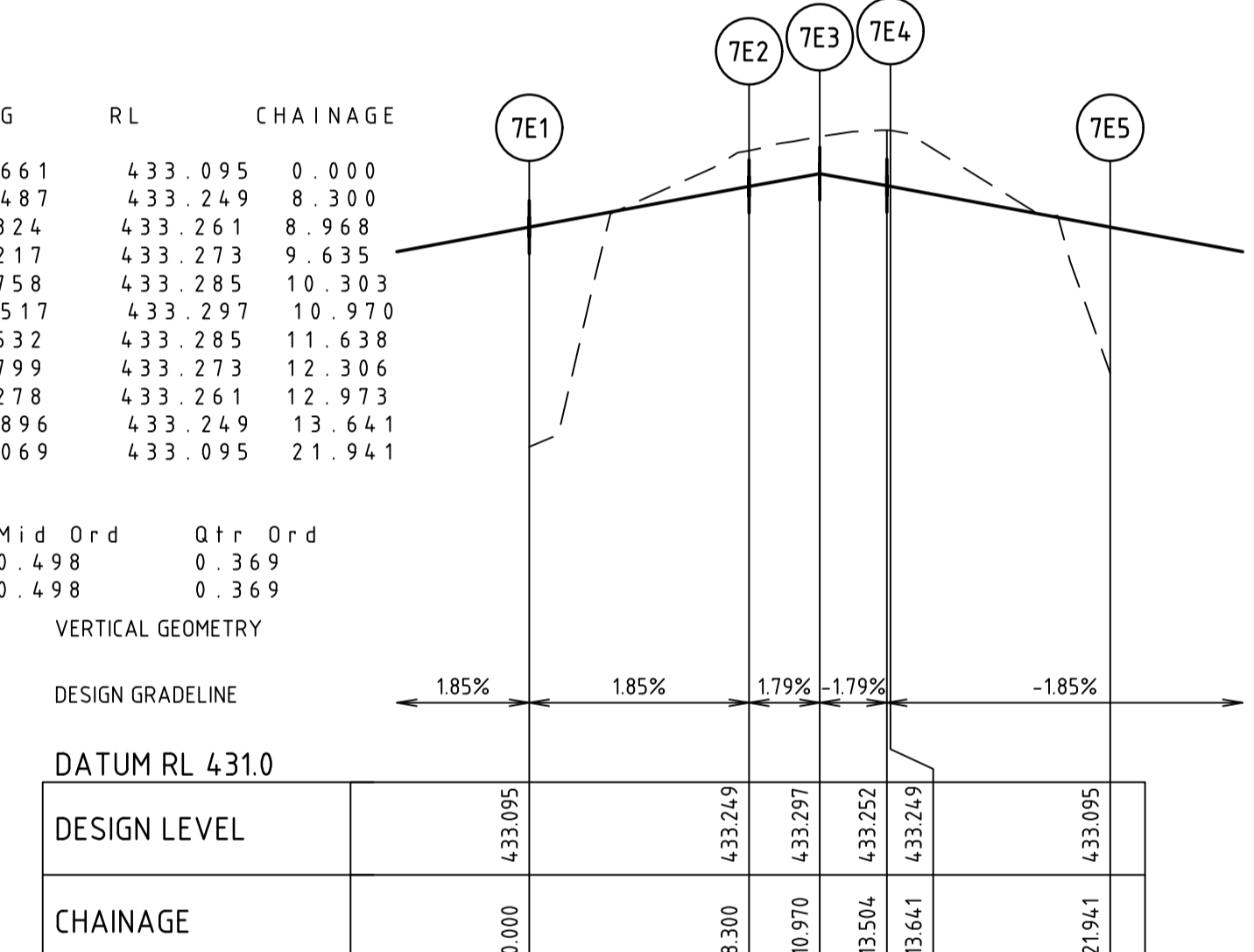
POINT NO	EASTING	NORTHING	RL	CHAINAGE
7D1	745638.550	5837003.113	433.009	0.000
7D1	745636.852	5836998.750	433.059	4.712
7D2	745633.613	5836995.369	433.093	9.425
7D3	745629.326	5836993.485	433.053	14.137
7D2	745624.645	5836993.385	432.941	18.850
7D3	745620.263	5836994.159	432.822	23.300
7D4	745619.393	5836994.456	432.789	24.223
7D4	745618.653	5836995.003	432.751	25.146
7D4	745618.114	5836995.748	432.709	26.069
7D4	745617.826	5836996.621	432.663	26.992

Curve no	Radius	Arc	Mid Ord	Qtr Ord
7D12	12.000	18.850	3.515	2.601
7D34	3.000	3.693	0.551	0.410

ALIGNMENT 7E

POINT NO	EASTING	NORTHING	RL	CHAINAGE
7E1	745641.111	5837002.661	433.095	0.000
7E2	745639.666	5836994.487	433.249	8.300
7E2	745639.680	5836993.824	433.261	8.968
7E3	745639.947	5836993.217	433.273	9.635
7E3	745640.426	5836992.758	433.285	10.303
7E3	745641.044	5836992.517	433.297	10.970
7E4	745641.708	5836992.532	433.285	11.638
7E4	745642.315	5836992.799	433.273	12.306
7E4	745642.774	5836993.278	433.261	12.973
7E4	745643.014	5836993.896	433.249	13.641
7E5	745644.459	5837002.069	433.095	21.941

Curve no	Radius	Arc	Mid Ord	Qtr Ord
7E23	1.700	2.670	0.498	0.369
7E34	1.700	2.670	0.498	0.369

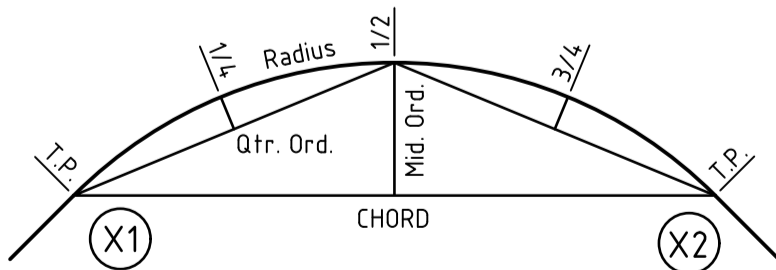


ALIGNMENT 7F

ALIGNMENT 7F

POINT NO	EASTING	NORTHING	RL	CHAINAGE
7F1	745647.019	5837001.617	433.009	0.000
7F1	745647.119	5836996.935	433.100	4.712
7F2	745649.003	5836992.649	433.266	9.425
7F2	745652.384	5836989.410	433.518	14.137
7F3	745656.748	5836987.711	433.699	18.850
7F3	745668.565	5836985.623	433.849	30.850

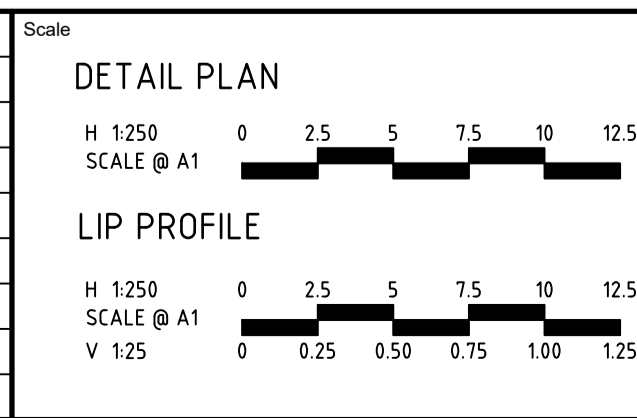
Curve no	Radius	Arc	Mid Ord	Qtr Ord
7F12	12.000	18.850	3.515	2.601



KERB RETURN SETOUT DETAIL

file name: 309784CR500.dwg, layout name: CR500, file location: G:\309784\309784.dwg, LALD plot date: 04/02/2022 3:13 PM, Sheet 10 of 15 Sheets

Rev	Amendments	Approved	Date



System Certified

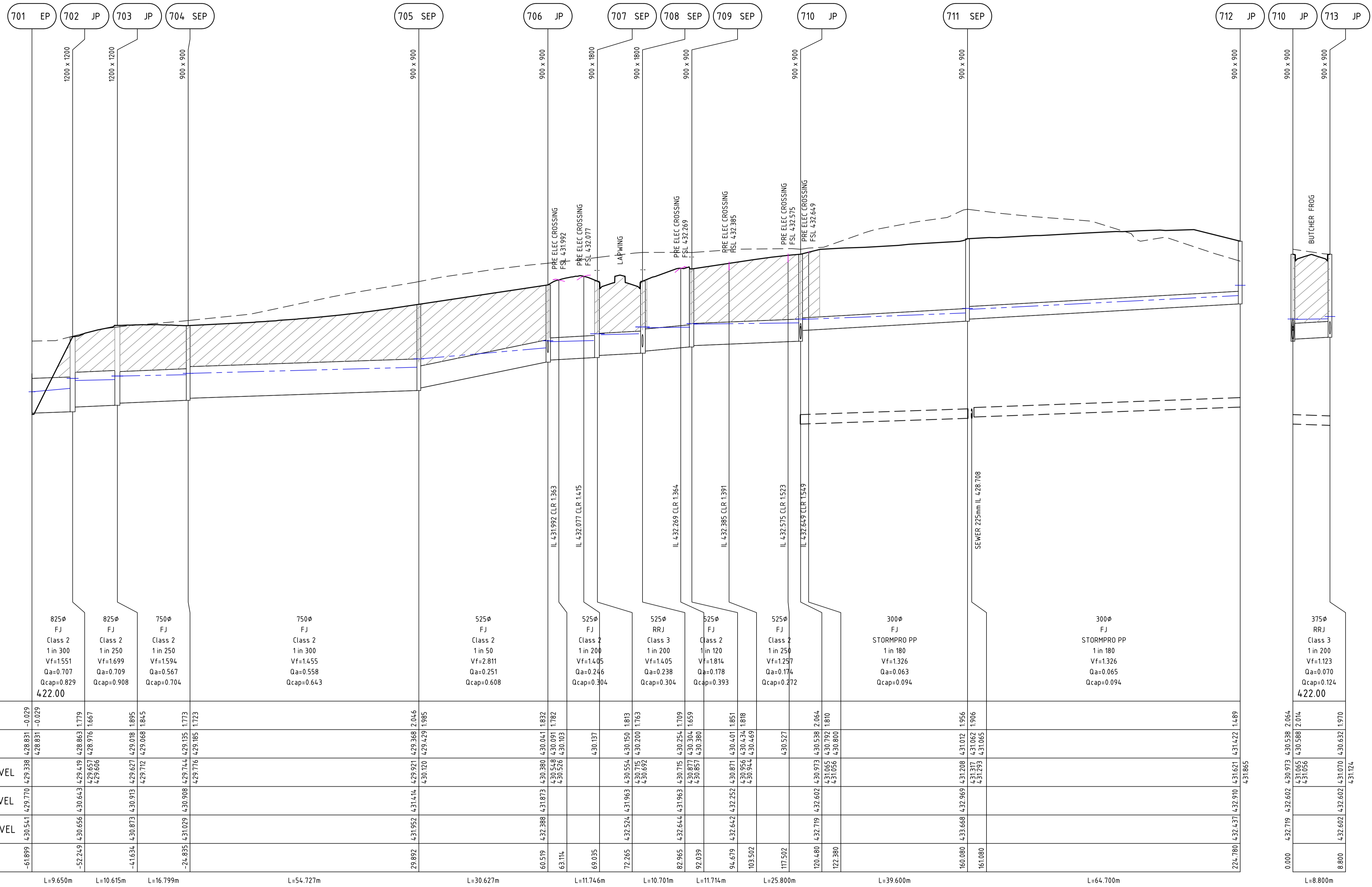
 © Spiire Australia Pty Ltd All Rights Reserved

 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.

16 BRIDGE STREET BENDIGO
 VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
 spiire.com.au ABN 55 050 029 635

Designed S.WOOD	Checked
Authorised A.WILKIE	Date

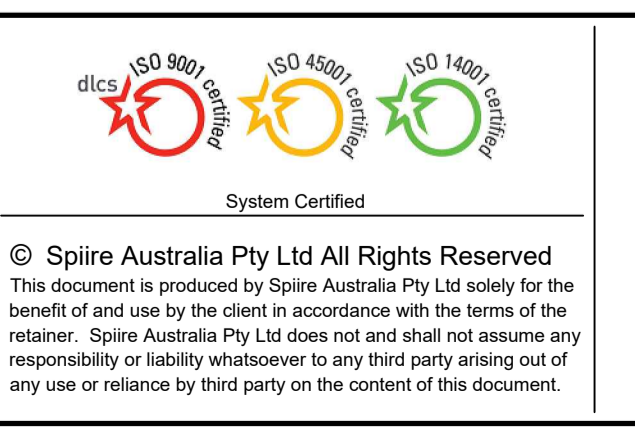
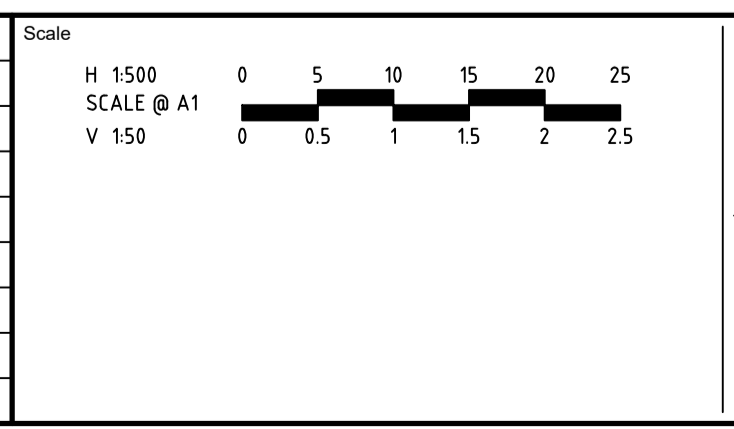
CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
INTERSECTION DETAILS - SHEET 1
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L
PRELIMINARY Dwg No **309784CR500** Rev **-**



PIPE DIAMETER	JOINT TYPE	PIPE CLASS	PIPE GRADE	VELOCITY (M/S)	PIPE FLOW (M ³ /S)	PIPE CAPACITY (M ³ /S)	DATUM R.L.
825 ϕ	FJ	Class 2	1 in 300	Vf=1.551	Qa=0.707	Qcap=0.829	422.00
825 ϕ	FJ	Class 2	1 in 250	Vf=1.699	Qa=0.709	Qcap=0.704	
750 ϕ	FJ	Class 2	1 in 250	Vf=1.594	Qa=0.567	Qcap=0.704	
750 ϕ	FJ	Class 2	1 in 300	Vf=1.455	Qa=0.558	Qcap=0.643	
525 ϕ	FJ	Class 2	1 in 50	Vf=2.811	Qa=0.251	Qcap=0.608	
525 ϕ	FJ	Class 2	1 in 200	Vf=1.405	Qa=0.246	Qcap=0.304	
525 ϕ	RRJ	Class 3	1 in 200	Vf=1.405	Qa=0.238	Qcap=0.304	
525 ϕ	FJ	Class 2	1 in 120	Vf=1.814	Qa=0.178	Qcap=0.393	
525 ϕ	FJ	Class 2	1 in 250	Vf=1.257	Qa=0.174	Qcap=0.272	
300 ϕ	FJ	STORMPRO PP	1 in 180	Vf=1.326	Qa=0.063	Qcap=0.094	
300 ϕ	FJ	STORMPRO PP	1 in 180	Vf=1.326	Qa=0.065	Qcap=0.094	
375 ϕ	FJ	Class 3	1 in 200	Vf=1.123	Qa=0.070	Qcap=0.124	422.00

file name: 309784CR600.dwg, layout name: CR600, plotted by: Shreeta Wood, file location: G:\309784\Drawings\CR600.dwg, plot date: 04/02/2022 3:13 PM, Sheet 11 of 15 Sheets

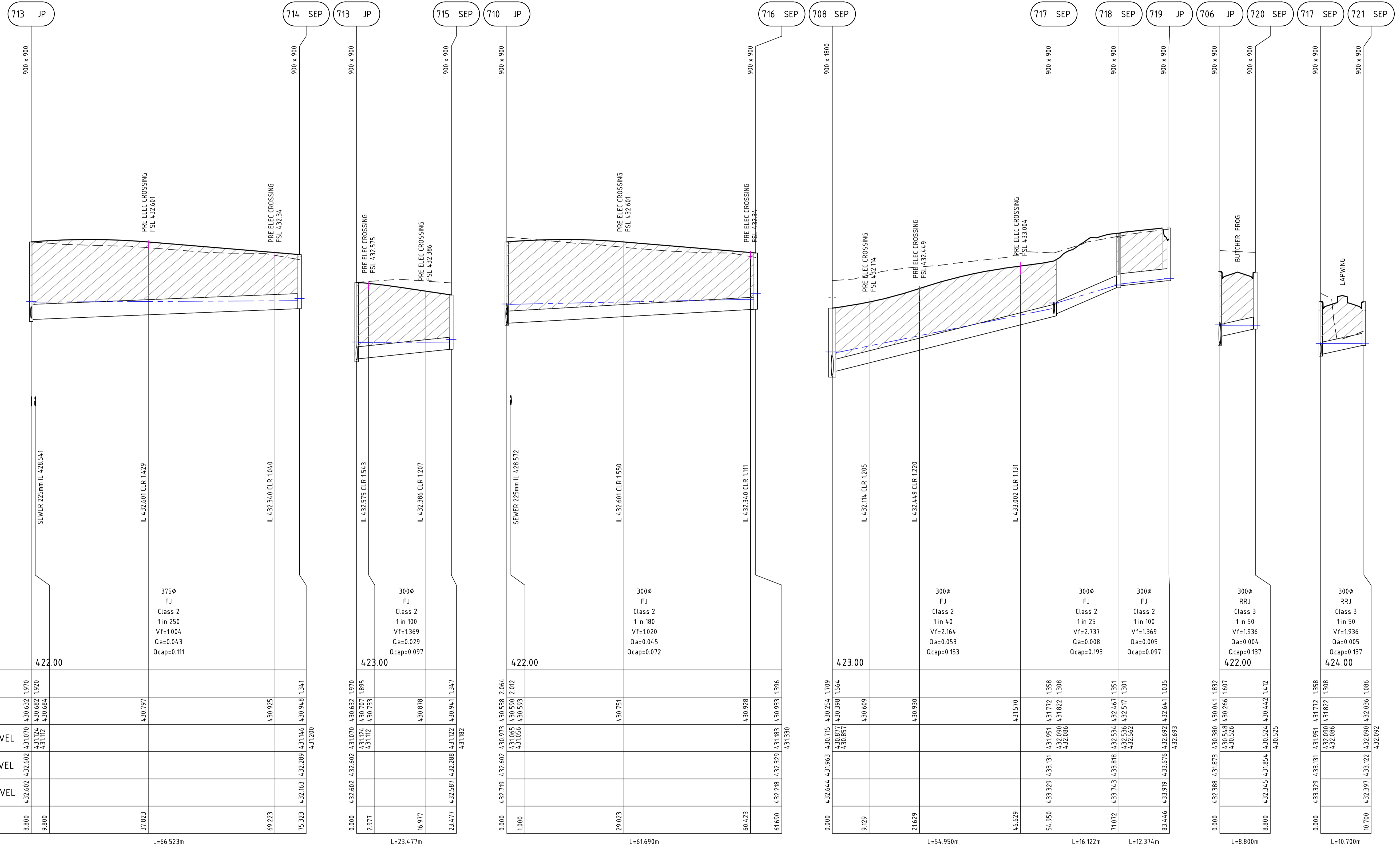
Rev	Amendments	Approved	Date



spiire
 16 BRIDGE STREET BENDIGO
 VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
 spiire.com.au ABN 55 050 029 635

Designed S.WOOD	Checked
Authorised A.WILKIE	Date

CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 1
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L
PRELIMINARY Drg No **309784CR600** Rev **-**

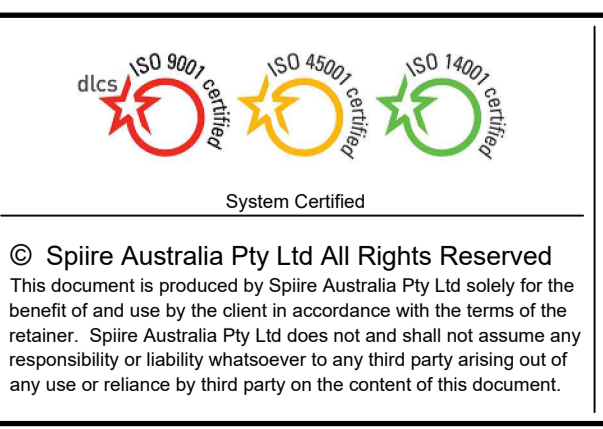
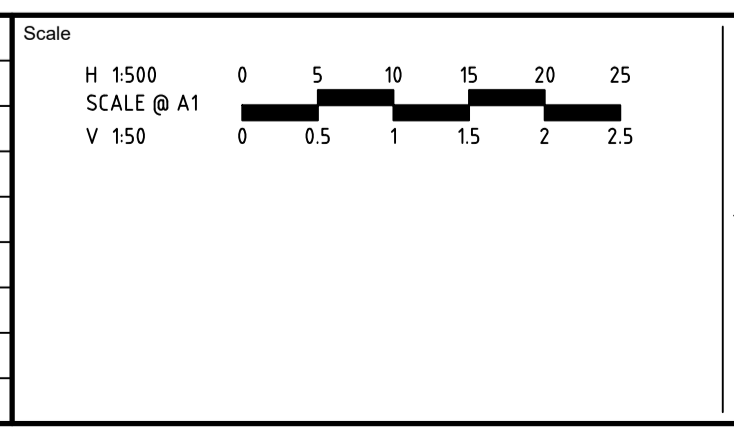


Pipe Diameter
 Joint Type
 Pipe Class
 Pipe Grade
 Velocity (m/s)
 Pipe Flow (m³/s)
 Pipe Capacity (m³/s)
 DATUM R.L.

DEPTH TO INVERT	DESIGN INVERT LEVEL	HYDRAULIC GRADE LEVEL	FINISHED SURFACE LEVEL	EXISTING SURFACE LEVEL	CHAINAGE
	422.00				8.800
	423.00				16.977
	422.00				28.023
	423.00				46.629
	422.00				54.950
	424.00				83.446
	424.00				107.000

file name: 309784CR601.dwg, layout name: CR601, plotted by: Shirena Wood, file location: G:\309784\309784\DWG\CAD\plot\cde\04\02\2022\310 PM Sheet_12 of 15 Sheets

Rev	Amendments	Approved	Date



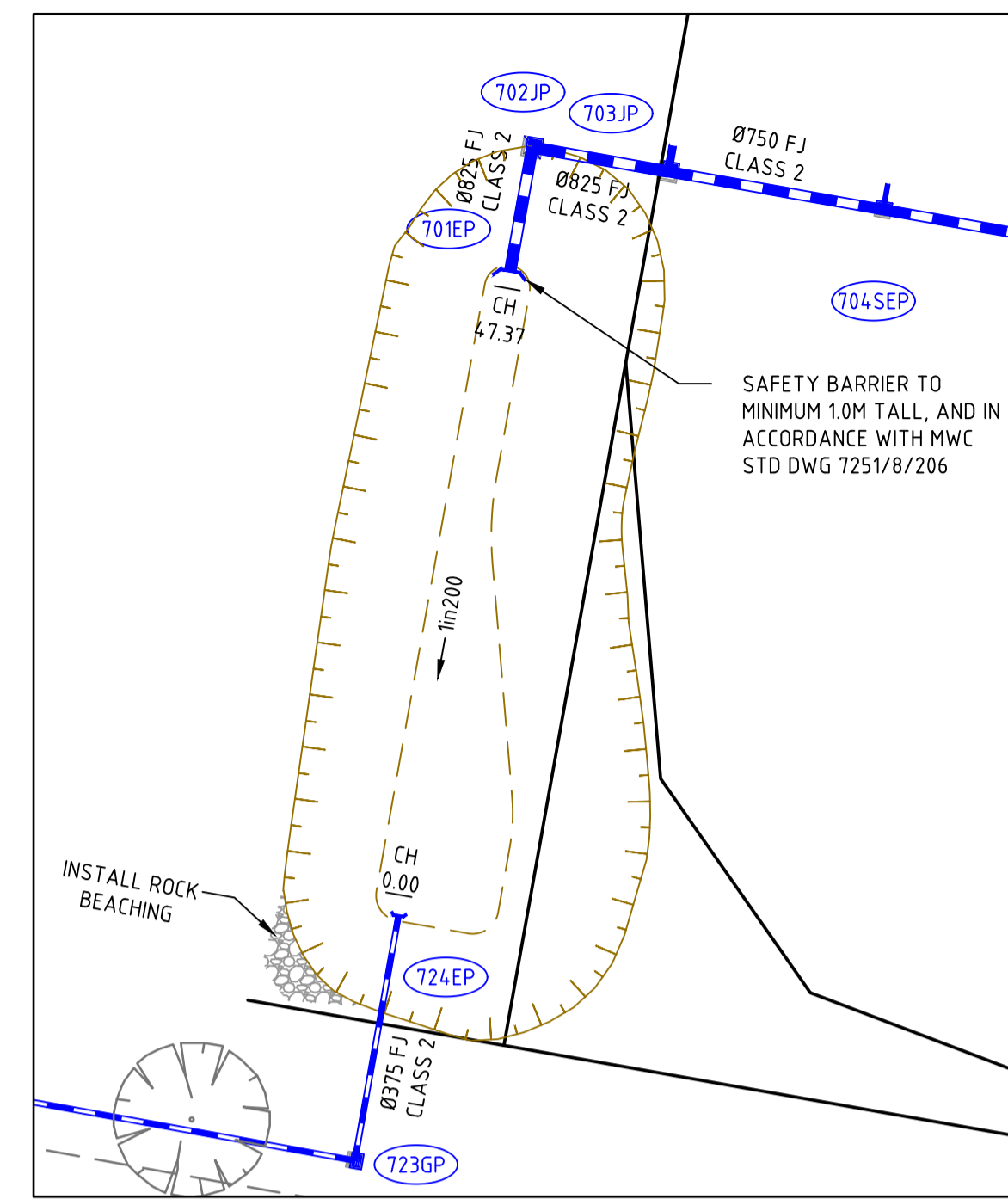
spiire
 16 BRIDGE STREET BENDIGO
 VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
 spiire.com.au ABN 55 050 029 635

Designed S.WOOD	Checked
Authorised A.WILKIE	Date

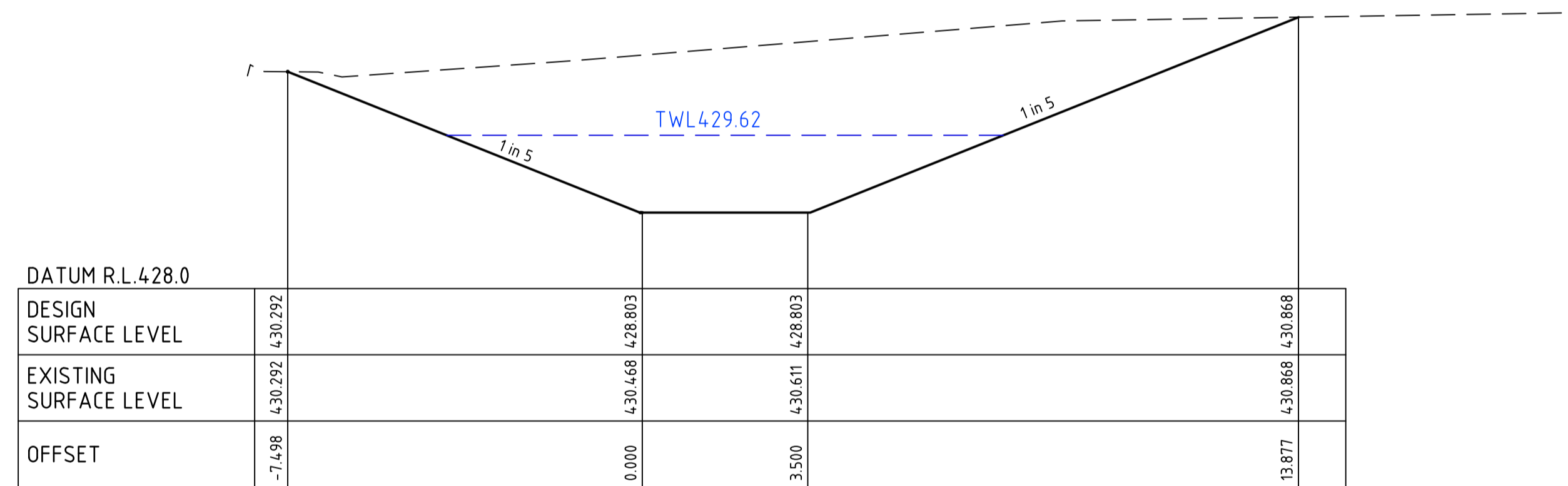
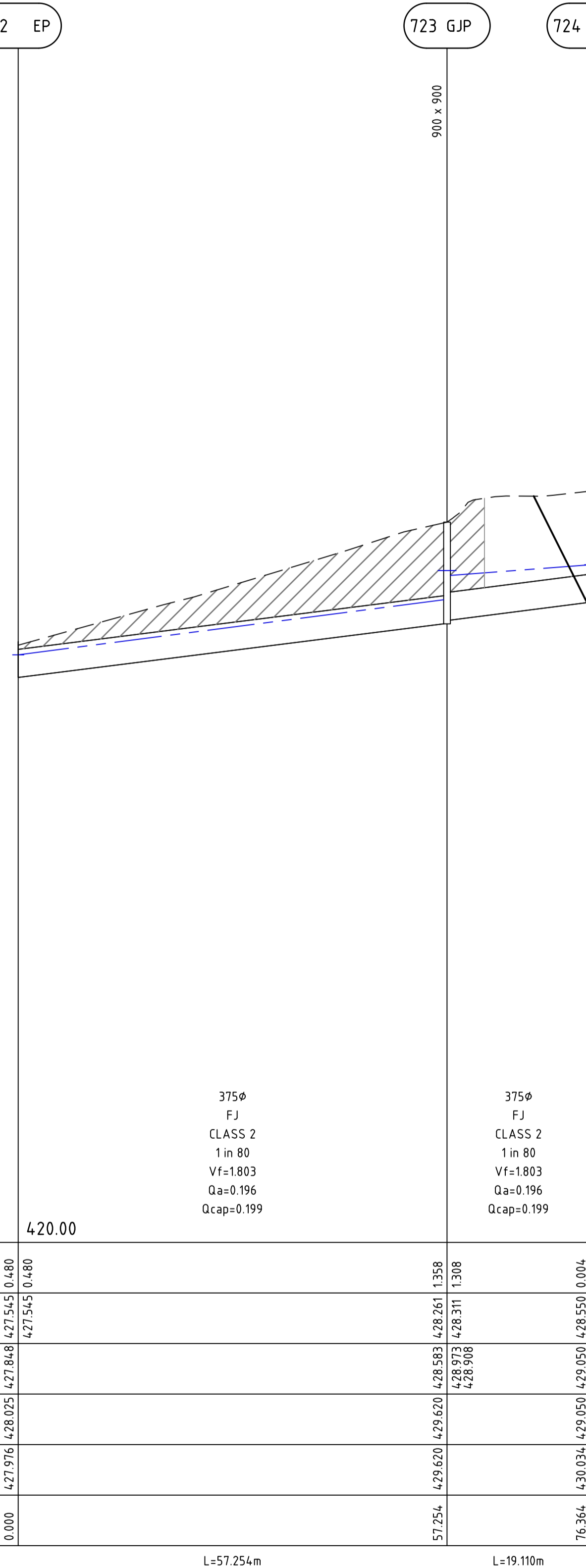
CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 2
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L
PRELIMINARY Dwg No **309784CR601** Rev **-**

DRAINAGE PIT SCHEDULE

Pit Name	TYPE	EASTING	NORTHING	INTERNAL WD	INTERNAL LEN	INLET DIA	INLET INV LEV	OUTLET DIA	OUTLET INV LEV	PIT SETOUT RL	DEPTH	REMARKS
701	ENDPIPE	745528.037	5837077.854			825	428.831			429.77	0.939	CONCRETE ENDWALL
702	JUNCTION PIT	745529.733	5837087.354	1.2	1.2	825	428.976	825	428.863	430.643	1.779	REFER TO COB SD-P10-2
703	JUNCTION PIT	745540.182	5837085.489	1.2	1.2	750	429.068	825	429.018	430.913	1.895	REFER TO COB SD-P10-2
704	SIDE ENTRY PIT	745556.725	5837082.566	0.9	0.9	750	429.185	750	429.135	430.908	1.773	REFER TO COB SD-P1-2
705	SIDE ENTRY PIT	745610.617	5837073.042	0.9	0.9	525	429.429	750	429.368	431.414	2.046	REFER TO COB SD-P1-2
706	JUNCTION PIT	745640.776	5837067.712	0.9	0.9	525	430.091	525	430.041	431.873	1.832	REFER TO COB SD-P10-2
						300	430.266					
707	SIDE ENTRY PIT	745647.158	5837057.851	0.9	1.8	525	430.2	525	430.15	431.963	1.813	REFER TO COB SD-P1-2
708	DOUBLE SIDE ENTRY PIT	745657.695	5837055.988	0.9	1.8	525	430.304	525	430.254	431.963	1.709	REFER TO COB SD-P2-2
						300	430.398					
709	DOUBLE SIDE ENTRY PIT	745666.979	5837063.132	0.9	0.9	525	430.434	525	430.401	432.252	1.851	REFER TO COB SD-P2-2
710	JUNCTION PIT	745692.377	5837058.592	0.9	0.9	300	430.792	525	430.538	432.602	2.064	REFER TO COB SD-P10-2
						375	430.588					
						300	430.59					
711	SIDE ENTRY PIT	745685.485	5837019.597	0.9	0.9	300	431.062	300	431.012	432.969	1.956	
712	JUNCTION PIT	745749.198	5837008.337	0.9	0.9			300	431.422	432.91	1.489	REFER TO COB SD-P10-2
713	JUNCTION PIT	745693.908	5837067.258	0.9	0.9	375	430.682	375	430.632	432.602	1.97	REFER TO COB SD-P10-2
						300	430.707					
714	SIDE ENTRY PIT	745759.416	5837055.681	0.9	0.9			375	430.948	432.289	1.341	REFER TO COB SD-P1-2
715	SIDE ENTRY PIT	745670.789	5837071.344	0.9	0.9			300	430.941	432.288	1.347	REFER TO COB SD-P1-2
716	SIDE ENTRY PIT	745753.126	5837047.857	0.9	0.9			300	430.933	432.329	1.396	REFER TO COB SD-P1-2
717	SIDE ENTRY PIT	745648.131	5837001.877	0.9	0.9	300	431.822	300	431.772	433.131	1.358	REFER TO COB SD-P1-2
						300	431.822					
718	SIDE ENTRY PIT	745657.373	5836988.667	0.9	0.9	300	432.517	300	432.467	433.818	1.351	REFER TO COB SD-P1-2
												ADD SIDE INLET FACING OPEN SWALE DRAIN REFER TO IDM STD DWG SD460
719	JUNCTION PIT	745669.559	5836986.513	0.9	0.9			300	432.641	433.676	1.035	
720	SIDE ENTRY PIT	745642.308	5837076.377	0.9	0.9			300	430.442	431.854	1.412	REFER TO COB SD-P1-2
721	SIDE ENTRY PIT	745637.595	5837003.739	0.9	0.9			300	432.036	433.122	1.086	REFER TO COB SD-P1-2
722	ENDPIPE	745459.747	5837019.674			375	427.545			428.025	0.48	VICROADS ENWALL IN ACCORDANCE WITH SD 1991
723	GRATED JUNCTION PIT	745516.083	5837009.463	0.9	0.9	375	428.311	375	428.261	429.62	1.358	REFER TO COB SD-P6
724	ENDPIPE	745519.442	5837028.276					375	428.55	428.55		CONCRETE HEADWALL

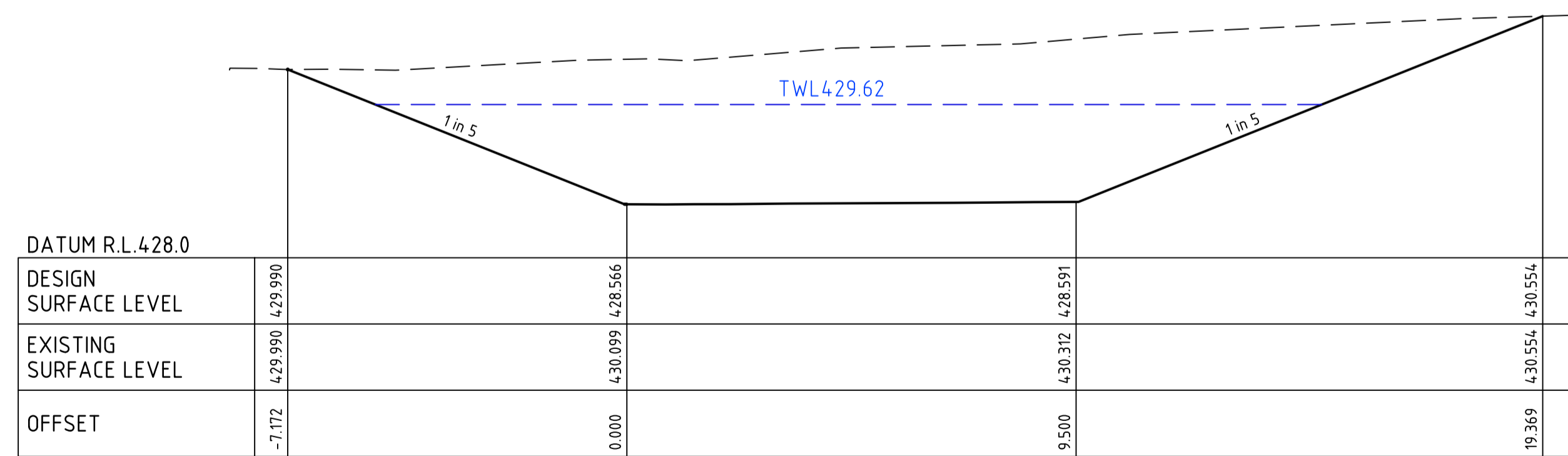


RETARDING BASIN
PLAN VIEW SCALE 1:500



RETARDING BASIN

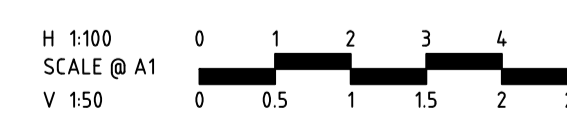
CH 4.737



RETARDING BASIN

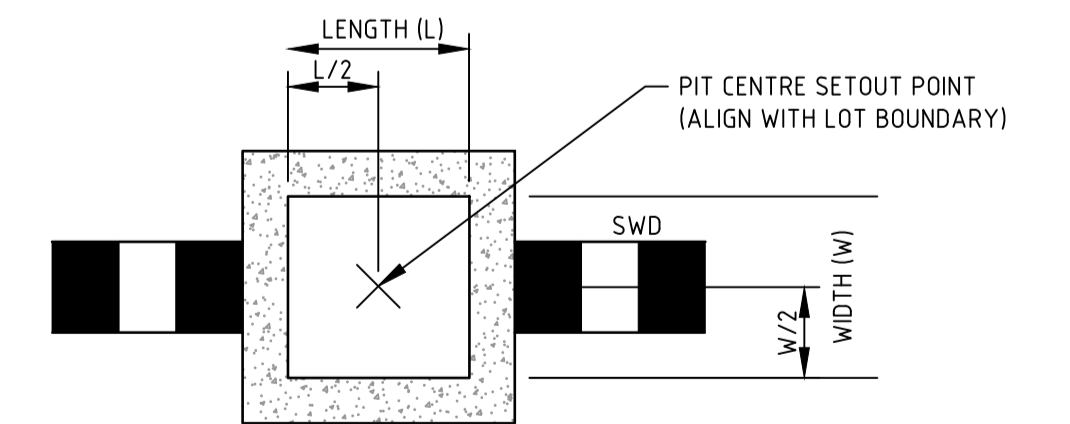
CH 0.00

CROSS SECTIONS



DEPTH TO INVERT	DESIGN INVERT LEVEL	HYDRAULIC GRADE LEVEL	FINISHED SURFACE LEVEL	EXISTING SURFACE LEVEL	CHAINAGE
0.480	427.545	428.583	427.976	429.620	0.000
1.358	428.261	428.973	429.620	429.620	57.254
1.308	428.311	428.908	429.620	429.620	76.364
0.904	428.550	429.050	430.034	429.050	191.110

Pipe Diameter: 375φ
 Joint Type: FJ
 Pipe Class: CLASS 2
 Pipe Grade: 1 in 80
 Velocity (m/s): Vf=1.803
 Pipe Flow (m3/s): Qa=0.196
 Pipe Capacity (m3/s): Qcap=0.199
 DATUM R.L.: 420.00



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

file name: 309784CR602.dwg, location: Home, CBG02, file location: U:\309784\309784\1\1\1\CAD\plot\cgr, 04/02/2022 3:11 PM Sheet 13 of 15 Sheets

Rev	Amendments	Approved	Date

Scale	
H 1:500	0 5 10 15 20 25
SCALE @ A1	0 0.5 1 1.5 2 2.5
V 1:50	

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.

16 BRIDGE STREET BENDIGO
 VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
 spiire.com.au ABN 55 050 029 635

Designed S.WOOD	Checked
Authorised A.WILKIE	Date

CONROY'S GREEN
STAGE 7
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 3
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L
PRELIMINARY Drg No **309784CR602** Rev **-**

LEGEND

#1 STREET NAME PLATES TO BE IN ACCORDANCE WITH CITY OF BALLARAT STANDARDS, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE

#2 G9-20
 D4-5

#3 D4-2-1

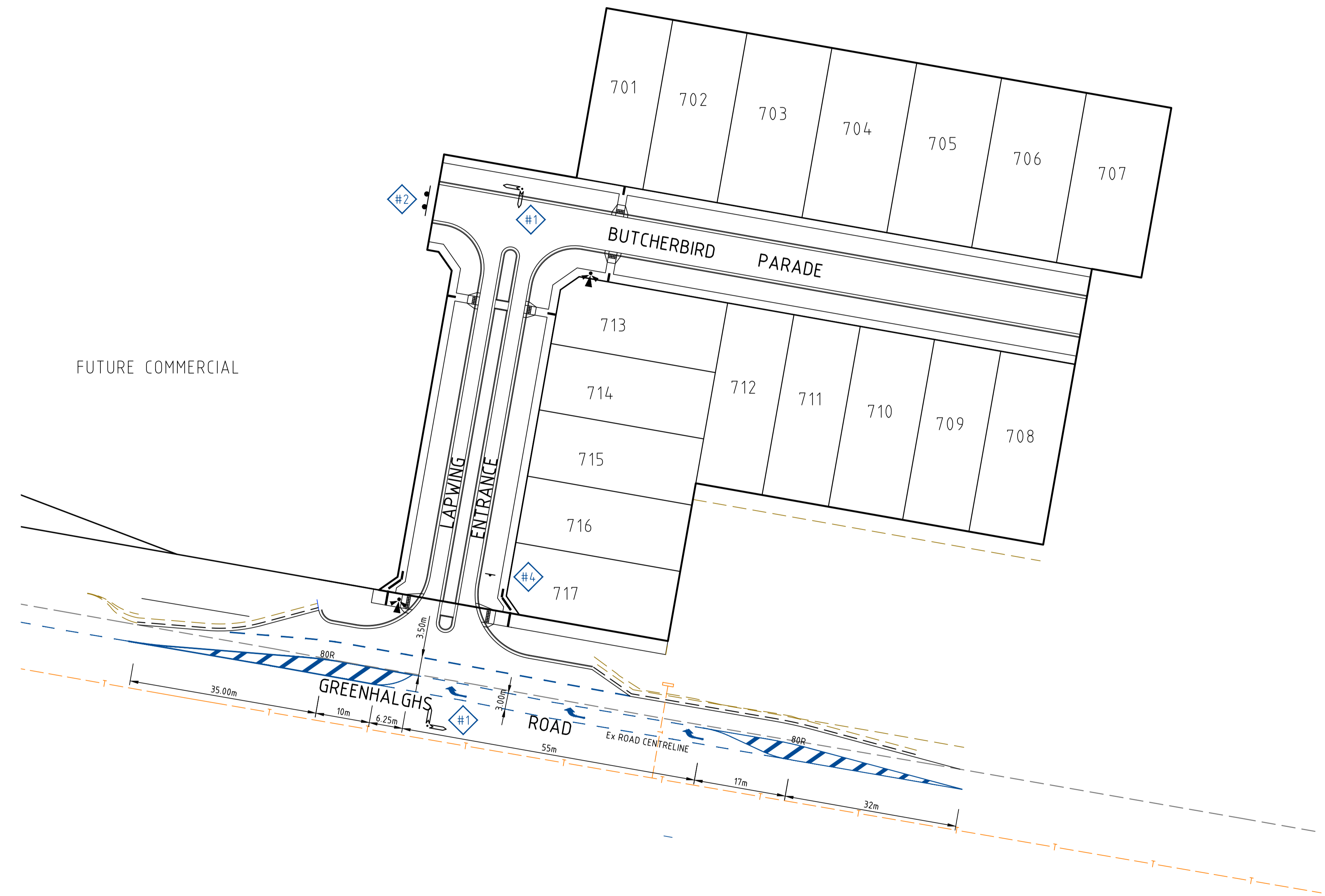
#4 R1-2A

TACTILE GROUND SURFACE INDICATORS (TGSI's)

NOTE:

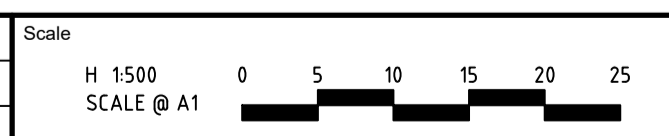
1. STREET SIGNS ARE TO BE MOUNTED ON LIGHT POLES, WITH A COUNCIL APPROVED BRACKET, IN LIEU OF SIGN POLES WHERE THE TWO POLES ARE IN CLOSE PROXIMITY AND WHERE THE STREET SIGN WOULD NOT BE COMPROMISED IN ITS PURPOSE BY THE RELOCATION.

2. LINEMARKING TO BE IN ACCORDANCE WITH AS1742.2 - 2009



file name: 309784CR800.dwg, layout name: CR800, plotted by: Shreema Wood, file location: G:\309784\309784\LA\LAAD\plot\cde_04\02\2022\315 PM Sheet_15 of 15 Sheets

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

16 BRIDGE STREET BENDIGO
 VICTORIA 3550 AUSTRALIA T 61 3 5448 2500
 spiire.com.au ABN 55 050 029 635

Designed
S.WOOD

Authorised
A.WILKIE

Checked

Date

CONROY'S GREEN
STAGE 7
 ROAD AND DRAINAGE
 SIGNAGE AND LINEMARKING - SHEET 1
 CITY OF BALLARAT
 SAN HUBERTO PROPERTY P/L

PRELIMINARY Dwg No 309784CR800 Rev -