

Ellerton STAGE I ALFRED FERRIS PTY LTD

1. GENERAL NOTES:

- 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 SUPERINTENDENT AND THE CITY ENGINEER OR THEIR REPRESENTATIVE.
- COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN CITY OF MELTON, THE CONSULTANT AND THE CONTRACTOR, BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS.
- PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
 - SOURCE OF QUARRY MATERIAL
 - N.A.T.A. APPROVED TESTS RESULTS FOR THE F.C.R. THAT IS TO BE USED
 - IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.
- PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE WORK SAFE HEALTH AND SAFETY ACT, HAVE BEEN AND WILL BE COMPLIED WITH.
- ON COMMENCEMENT OF CONSTRUCTION WORKS, THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL." APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
- 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.
- 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 TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742.3.
- ALL EXISTING ASSETS AFFECTED BY THE WORKS, EG SIGNS, VEHICLE CROSSINGS, FOOTPATHS, KERB AND LINEMARKING SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

2. SURVEY & SETOUT

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA2020) ZONE 2020.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- ALL CHAINAGES REFER TO ROAD CENTRELINES
- 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.
- 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.
- SETOUT DRAWING IN DWG FORMAT WILL BE PROVIDED FOR A ALL SETOUT OF DRAINAGE/KERBS/SEWERS/FOOTPATHS etc.

3. EARTHWORKS:

- ALL FILLING TO COMPLY WITH EDM STANDARD SECTION 12.3 EARTHWORKS & FILLING REQUIREMENTS (A.S.3798-1996 APPENDIX B, LEVEL 1 AS SPECIFIED). LEVEL 1 FILLING OVER 300mm IS TO BE SUPERVISED AND TESTED BY NATA REGISTERED SOIL LABORATORY. THE DETAILS OF FILLING SUCH AS AREA OF FILL, DEPTH OF FILL AND THE COMPACTION TEST RESULTS ARE TO BE SUBMITTED TO COUNCIL WHEN REQUEST THE STATEMENT OF COMPLIANCE.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- THE DISPOSAL SITE FOR SPOIL REMOVAL FROM SITE AND TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY COUNCIL AND/OR THEIR REPRESENTATIVE IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS
- 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 BY THE SUPERINTENDENT.
- ALL EXISTING DAMS ARE TO BE BREACHED, DRAINED, DESLUDGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED APPROVED AND LEVELLED 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 COUNCILS SPECIAL PERMISSION. RESTRICTED BLASTING WITHIN 20 METRES OF WATER MAINS AND WITHIN 6 METRES OF TELSTRA CONDUITS
- ALL EXCAVATED ROCK TO BE REMOVED AND DISPOSED OFF SITE.

4. TREE PROTECTION ZONE:

- 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 ENGINEER.
- TREES ON COUNCIL RESERVES TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS
- PRIOR TO REMOVAL OF ANY TREES THE CONTRACTOR IS TO ENGAGE A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT TO ASSESS RISKS TO ANIMALS LIVING OR NESTING IN ANY OF THE TREES. IF SO, THESE ANIMALS MUST BE SUITABLY RELOCATED TO APPROPRIATE AREA TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY.

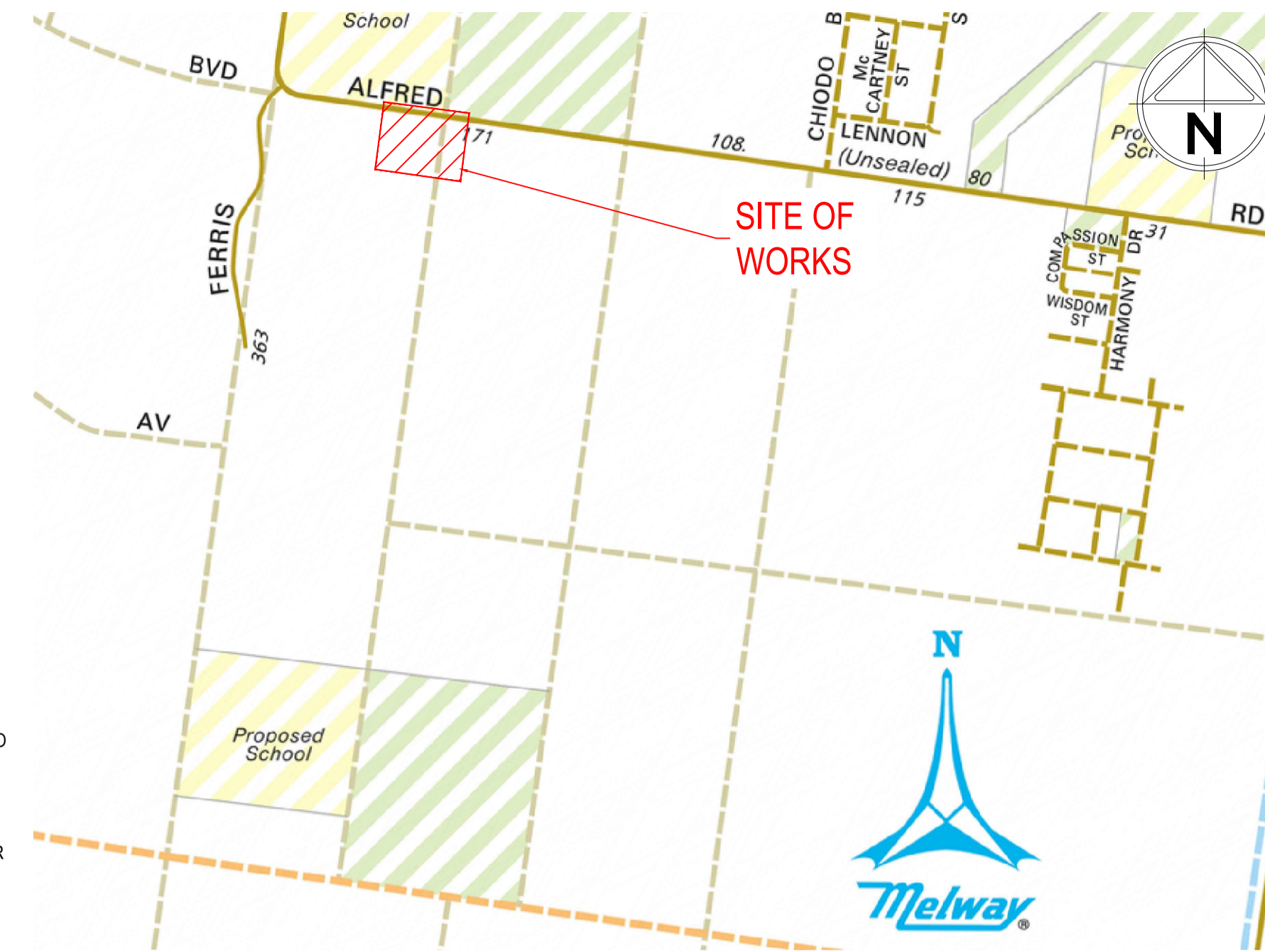
6. CONCRETE WORKS:

- FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY
- FOOTPATHS TO BE 125mm THICK N25 CONCRETE WITH SL72 MESH (50mm TOP COVER) ON 50mm THICK 20mm NOMINAL SIZE CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE MECHANICALLY COMPACTED IN ACCORDANCE WITH EDM 401
 - FOOTPATHS TO BE THICKENED AROUND PITS IN ACCORDANCE WITH EDM 402
 - PRAM CROSSINGS AND KERB RAMPS TO BE IN ACCORDANCE WITH EDM 403
- DRIVEWAYS TO BE 125mm THICK N25 CONCRETE WITH SL72 MESH (50mm TOP COVER) ON 50mm THICK 20mm NOMINAL SIZE CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE MECHANICALLY COMPACTED IN ACCORDANCE WITH EDM 501 & EDM 502
- KERB & CHANNEL TO BE IN ACCORDANCE WITH EDM 301 & 302
- ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SANDBLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.
- ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED.

SERVICE OFFSET TABLE

ROAD NAME	ROAD RESERVE WIDTH	TREE	GAS		WATER				ELECTRICITY				COMMUNICATIONS/ NBN				BACK OF KERB	SHARED TRENCHING
			SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET		
ALFRED ROAD(EAST OF ROUND ABOUT)	25.0	Y	N	1.15	-	-	N	0.75	N	3.20	N	4.00	N	2.40	N	2.40	VARIABLES	T, E & DW, G
ALFRED ROAD(WEST OF ROUND ABOUT)	25.0	Y	S	2.55	-	-	S	3.25	N	3.80	N	4.00	N	2.40	N	2.40	VARIABLES	T, E & DW, G
RICE FLOWER CRESCENT	16.0	Y	N	2.60	-	-	N	2.20	S	2.40	S	3.20	S	1.80	S	1.80	4.20	T, E & DW, G
SWEET WAY	16.0	Y	N	1.80	-	-	N	2.30	S	2.40	S	3.20	S	1.80	S	1.80	4.20	T, E & DW, G
EVERLASTING BOULEVARD	25.0	Y	W	1.80	-	-	W	2.30	E	2.60	E	VARIABLES	E	1.80	E	1.80	9.15W, 4.50E	T, E & DW, G
SICKLEFERN DRIVE	14.5	Y	W	1.80	-	-	W	2.30	E	0.90	E	1.70	E	0.30	E	0.30	4.20W, 2.70E	T, E & DW, G

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



LOCALITY PLAN NOT TO SCALE
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SHEET INDEX

SHEET NO.	REVISION	DESCRIPTION
1	3	COVER SHEET, LOCALITY PLAN & GENERAL NOTES
2	3	EXISTING FEATURES PLAN
3	3	ROAD TYPICAL SECTIONS
4	3	DETAILED PLAN - 1
5	3	DETAILED PLAN - 2 & TYPICAL SECTIONS
6	3	ROAD LONGITUDINAL SECTIONS - 1
7	3	ROAD LONGITUDINAL SECTIONS - 2
8	3	ROAD CROSS SECTIONS - 1
9	3	ROAD CROSS SECTIONS - 2
10	3	ROAD CROSS SECTIONS - 3
11	3	ROAD CROSS SECTIONS - 4
12	3	INTERSECTION DETAILS - 1
13	3	INTERSECTION DETAILS - 2
14	3	INTERSECTION DETAILS - 3
15	3	DRAINAGE LONGITUDINAL SECTIONS - 1
16	3	DRAINAGE LONGITUDINAL SECTIONS - 2
17	3	DRAINAGE LONGITUDINAL SECTIONS - 3
18	3	DRAINAGE LONGITUDINAL SECTIONS - 4
19	3	DRAINAGE LONGITUDINAL SECTIONS - 5
20	3	DRAINAGE PIT SCHEDULE & SETOUT DETAILS
21	3	STANDARD DETAILS - 1
22	3	STANDARD DETAILS - 2
23	3	SIGNAGE & LINEMARKING
24	3	PASSIVE IRRIGATION DETAILS - 1
25	3	PASSIVE IRRIGATION DETAILS - 2
26	3	TBM PLAN

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOR	7/2/22

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



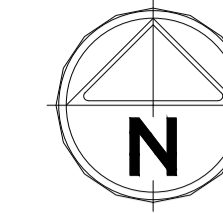
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DESIGNED	19.04.21
	T.BARBOR
CHECKED	19.04.21
	S.FALKENSTEIN
AUTHORISED	15.07.21
	A.CHUDLEIGH
MELBURN	343 E7
POSTAL	PS84837EX
STATUS:	CONSTRUCTION

**ELLERTON ESTATE
STAGE 1**
CITY OF MELTON
COVER SHEET, LOCALITY PLAN
& GENERAL NOTES





136401RD01

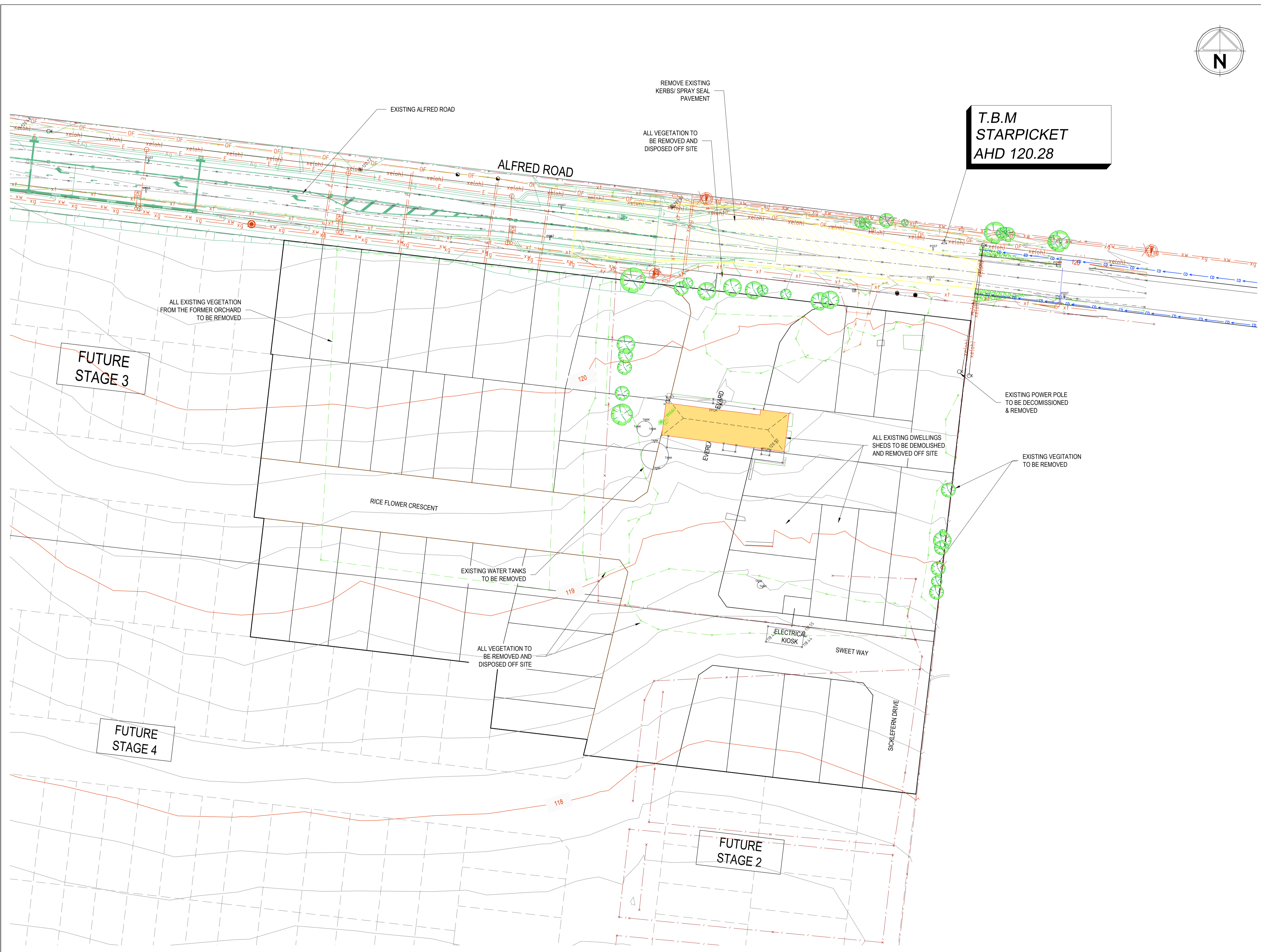
SHEET NO.	1 OF 26
REV.	3



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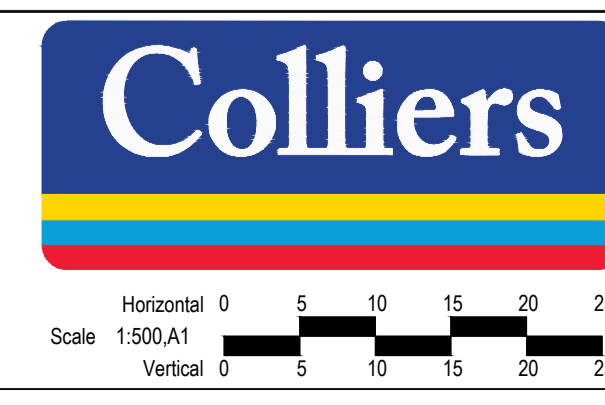
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- 2 ALL EXISTING STRUCTURES AND WATER TANKS ON SITE TO BE DEMOLISHED AND DISPOSED OF OFFSITE.
- 3 ALL EXISTING SERVICES WITHIN SITE TO BE DECOMMISSIONED, REMOVED AND DISPOSED OF OFFSITE.

-  EXISTING BUILDING TO BE DEMOLISHED
-  EXISTING WATER TANKS TO BE REMOVED
-  EXISTING FENCE TO BE REMOVED
-  EXISTING SHADE TO BE REMOVED



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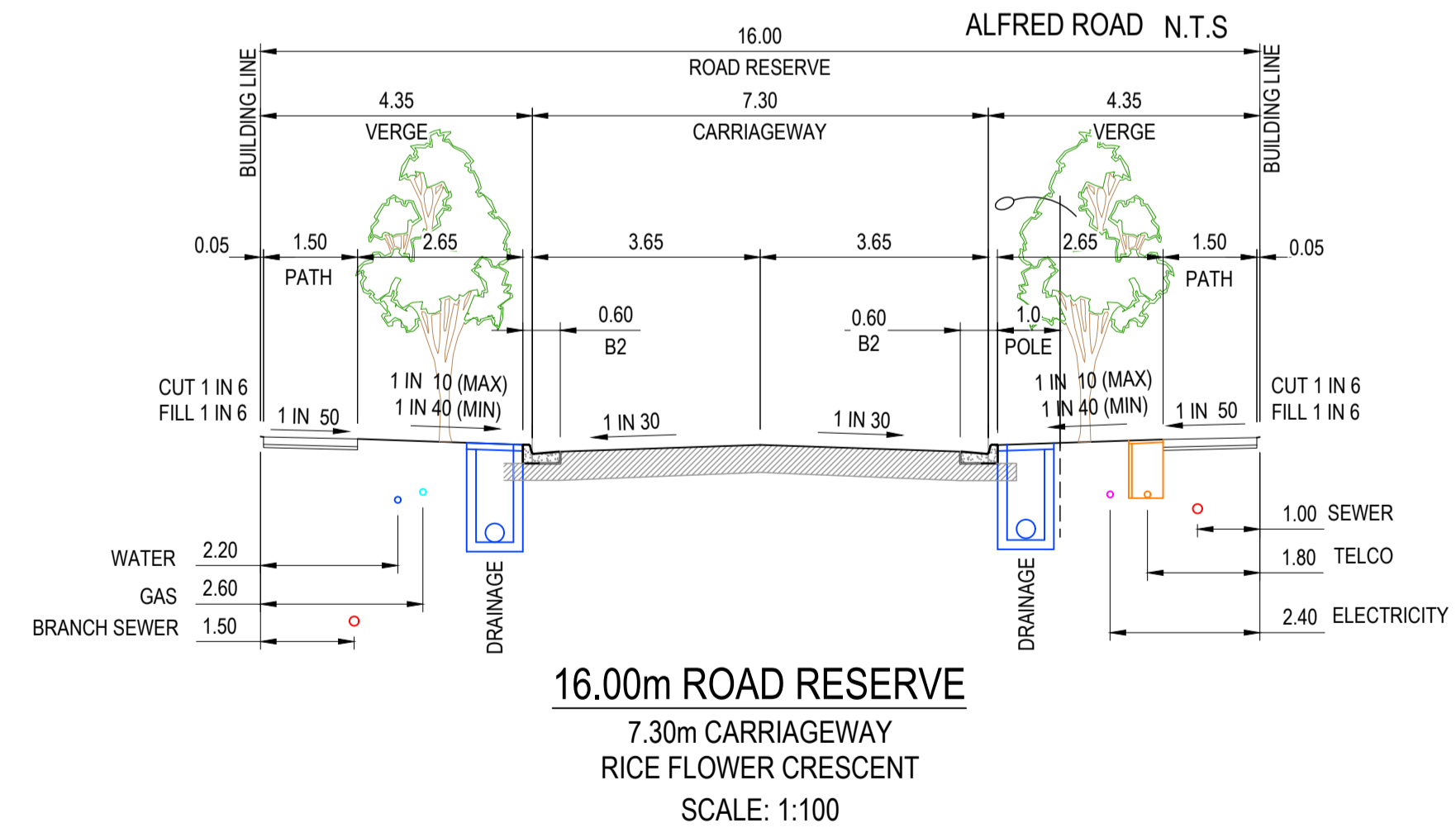
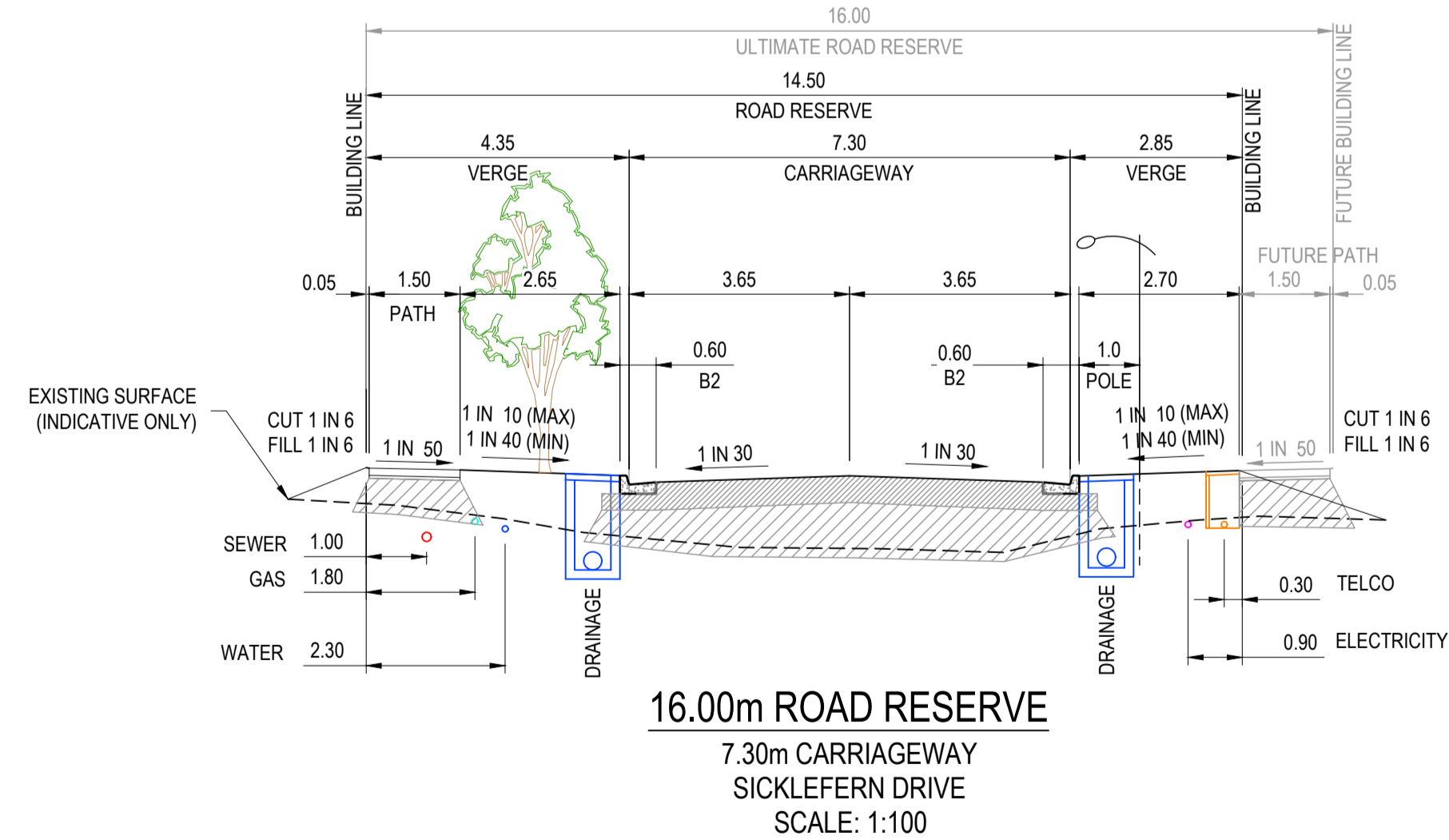
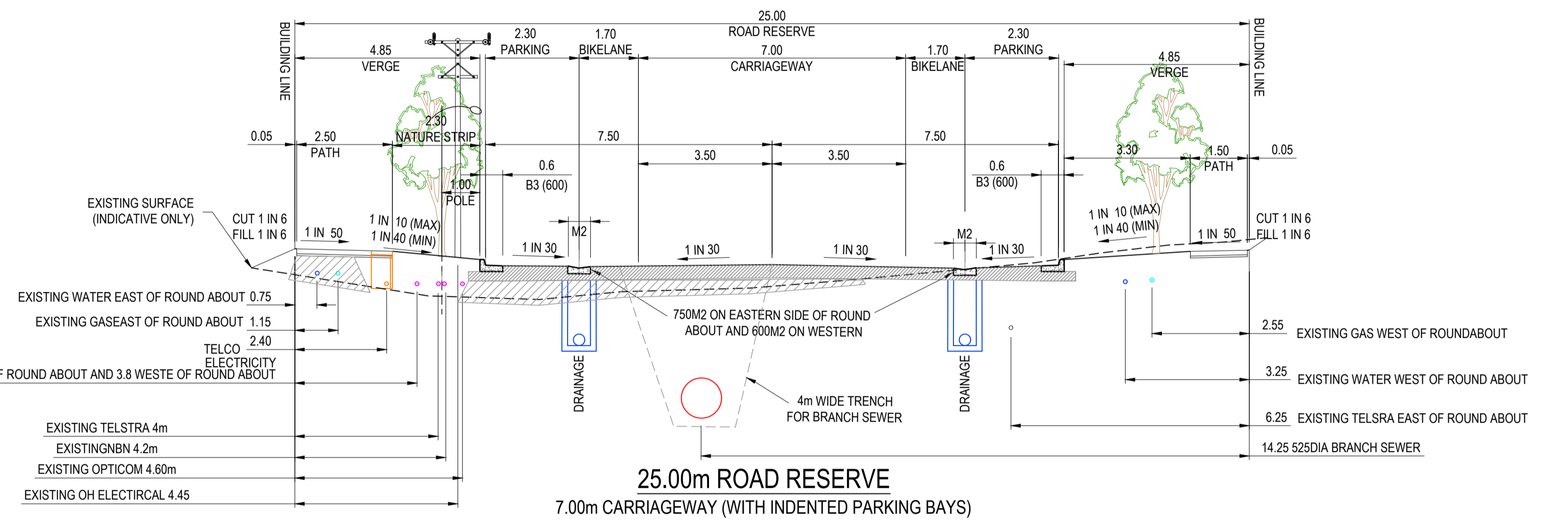
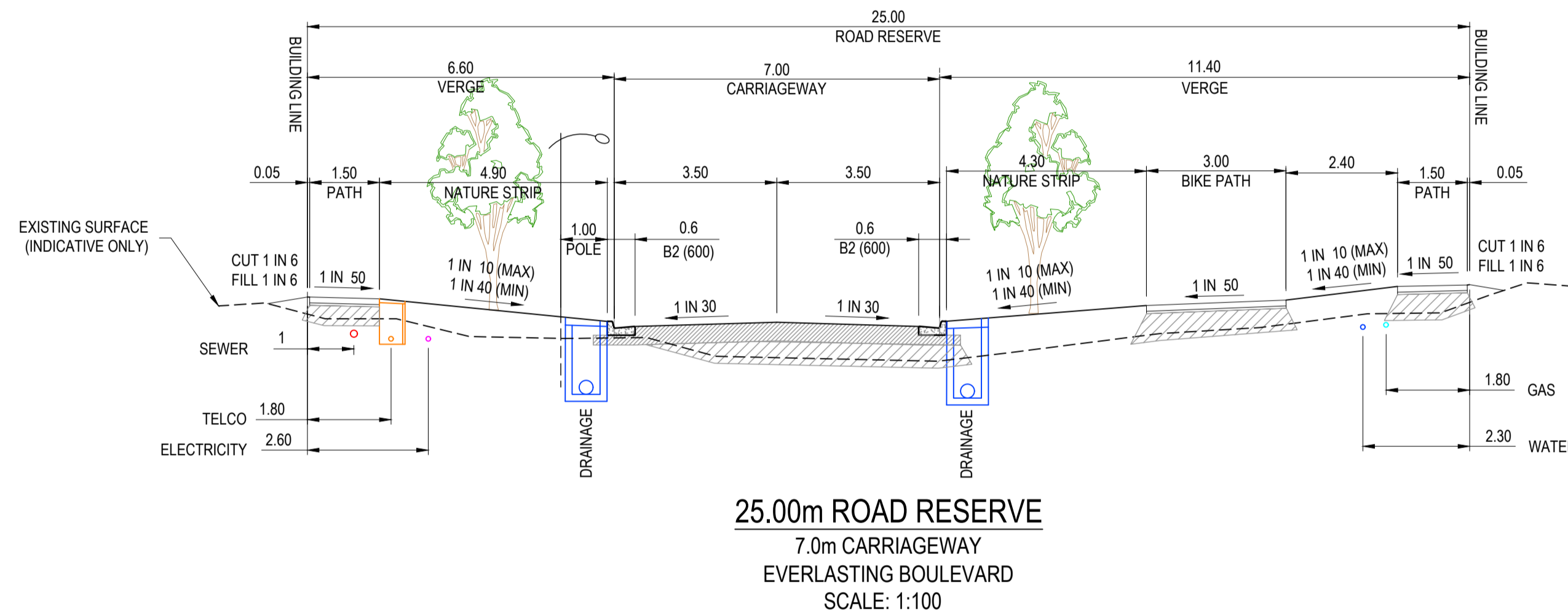
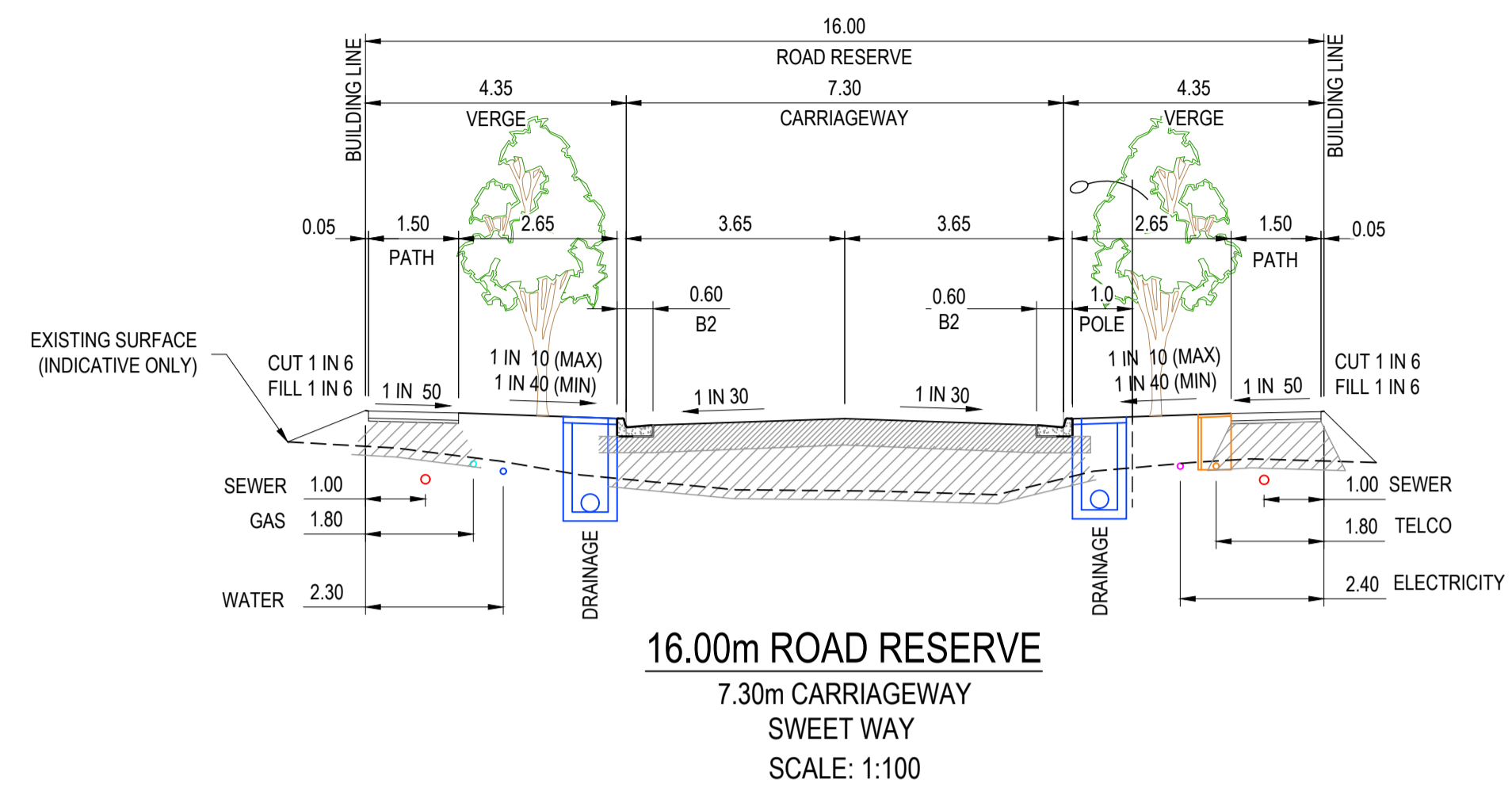
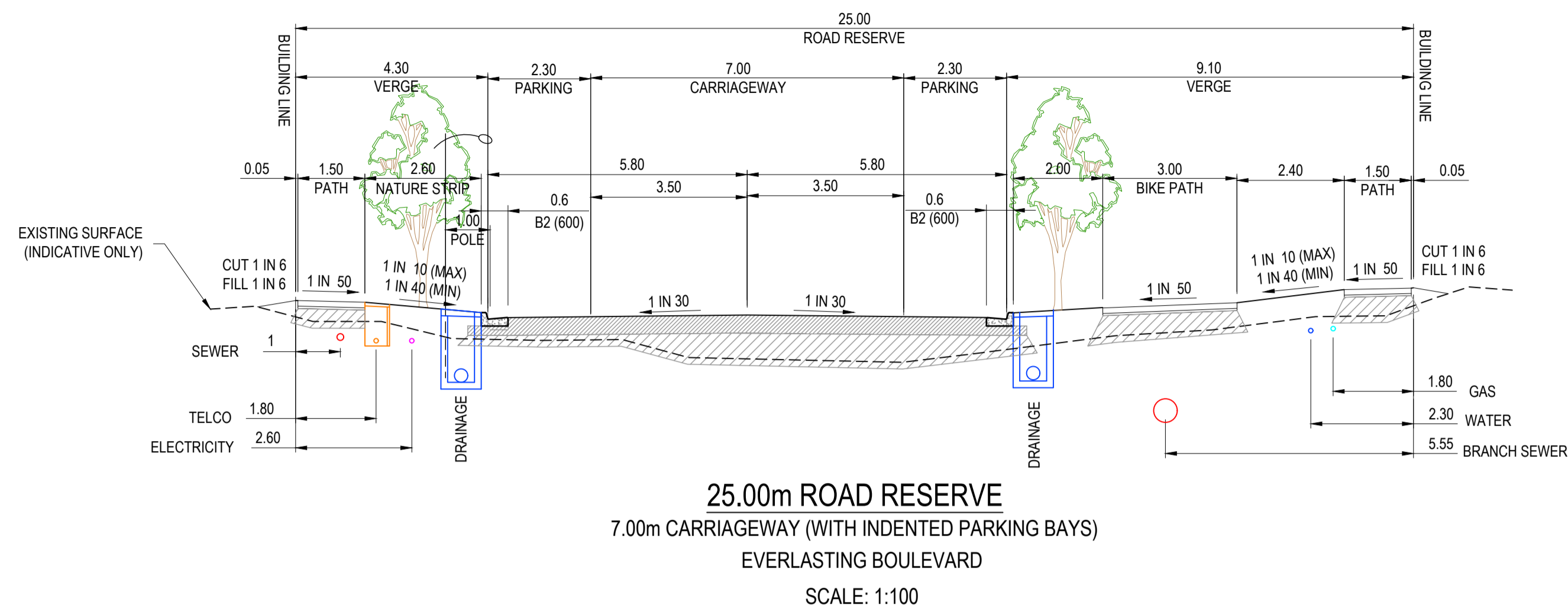


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A.CHUDLEIGH	
MELBURN	343 E7
PROJ No.	PS848376X
STATUS:	CONSTRUCTION

ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
 EXISTING FEATURES PLAN

136401RD02

SHEET No. 2 OF 26
 REV. 3



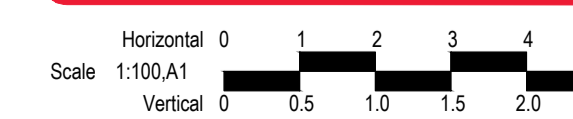
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PM	A. CHUDLEIGH
DESIGNED	19.04.21
	T.BARBOUR
CHECKED	19.04.21
	S.FALKENSTEIN
AUTHORISED	15.07.21
	A.CHUDLEIGH
MELBAYS	343 E7
POS No.	PS848376X
STATUS:	

ELLERTON ESTATE
STAGE 1
CITY OF MELTON
ROAD TYPICAL SECTIONS

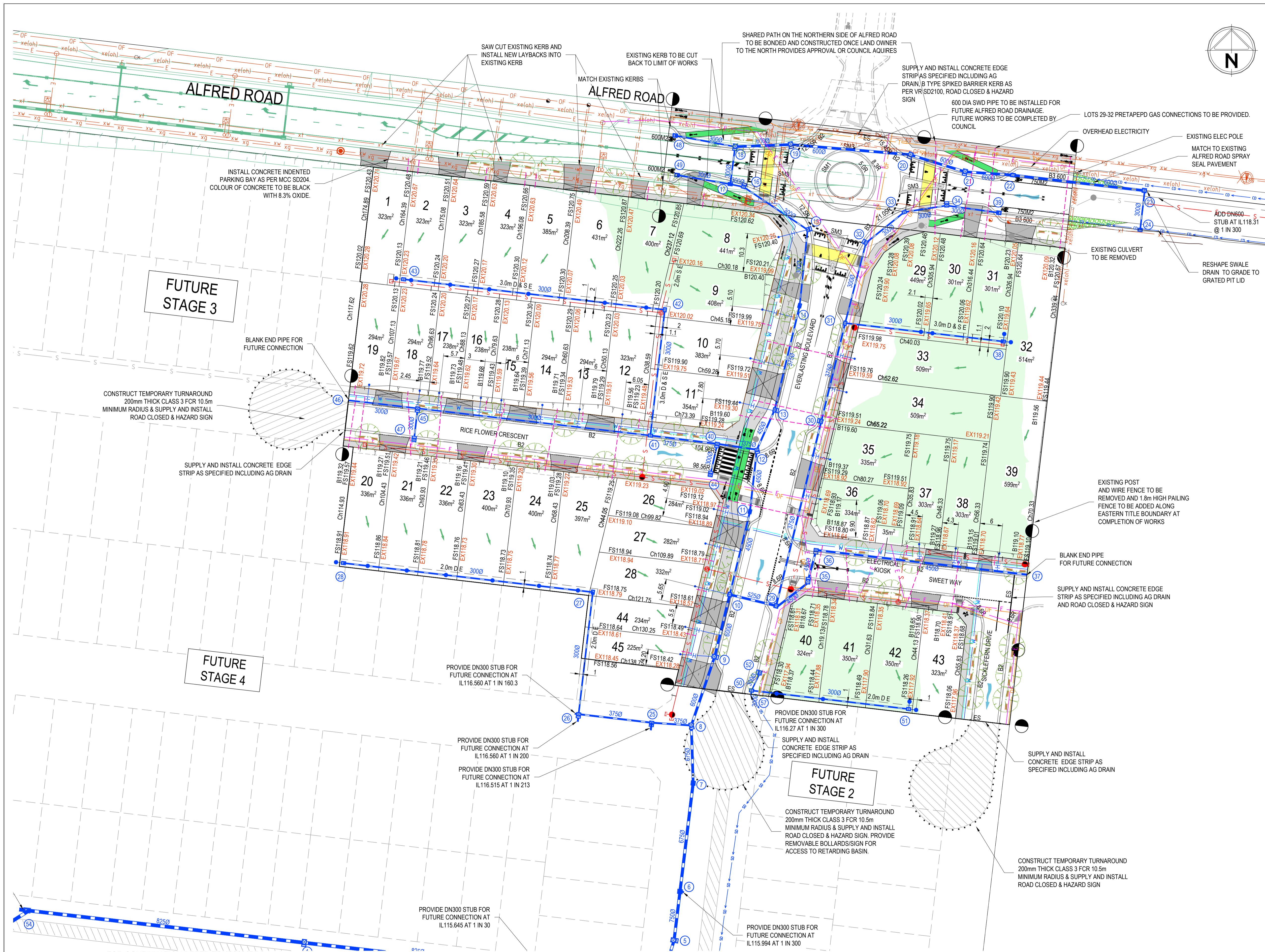


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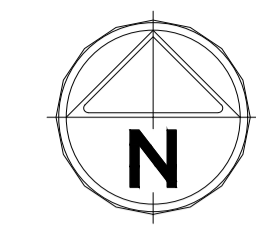
136401RD03

SHEET No. 3 OF 26

REV. 3



- LEGEND:**
- EXISTING WATER MAIN
 - EXISTING RECYCLED WATER MAIN
 - EXISTING UNDERGROUND ELECTRICITY
 - EXISTING OVERHEAD ELEC & POLE
 - EXISTING TELSTRA & SERVICE PIT
 - EXISTING OPTIC FIBRE
 - EXISTING GAS MAIN
 - EXISTING FENCE
 - EXISTING SEWER & MANHOLE
 - EXISTING STORMWATER DRAIN & PIT
 - EXISTING HOUSE DRAIN
 - EXISTING KERB
 - EXISTING FOOTPATH
 - EXISTING SURFACE LEVEL
 - EXISTING BUILDING
 - EXISTING SIGN AND POST
 - EXISTING PERMANENT SURVEY MARK
 - ROAD RESERVE
 - LOT BOUNDARY
 - EASEMENT
 - KERB & CHANNEL + TYPE
 - CONCRETE EDGE STRIP
 - LIMIT OF ROAD WORKS
 - ALLOTMENT NUMBER
 - ROAD CHAINAGE
 - FINISHED SURFACE LEVEL
 - TOP OF BATTER LEVEL
 - PROPOSED WATER MAIN
 - PROPOSED ELECTRICITY
 - PROPOSED OPTIC FIBRE CONDUIT
 - PROPOSED GAS MAIN
 - PROPOSED SEWER
 - PROPOSED STORMWATER DRAIN & PIT
 - PROPOSED HOUSE DRAIN
 - PROPOSED DRAINAGE INLET
 - PIT NUMBER
 - PROPOSED FOOTPATH
 - PROPOSED DRIVEWAY
 - PROPOSED INDUSTRIAL DRIVEWAY
 - GAS & WATER CONDUIT
 - PROPOSED SWALE DRAIN
 - 5 YEAR FLOW ARROW
 - 100 YEAR FLOW ARROW
 - TEMPORARY BENCH MARK (TBM)
 - PROPOSED PERMANENT SURVEY MARK
 - PROPOSED BOLLARD
 - PROPOSED ESTATE FENCE
 - PROPOSED TOP OF BATTER
 - PROPOSED TOE OF BATTER
 - FILLING GREATER THAN 300mm
 - ROCK BEACHING
 - CRUSHED ROCK TURNAROUND



FUTURE STAGE 3

FUTURE STAGE 4

FUTURE STAGE 2

FOR CONTINUATION REFER TO 136401RD05

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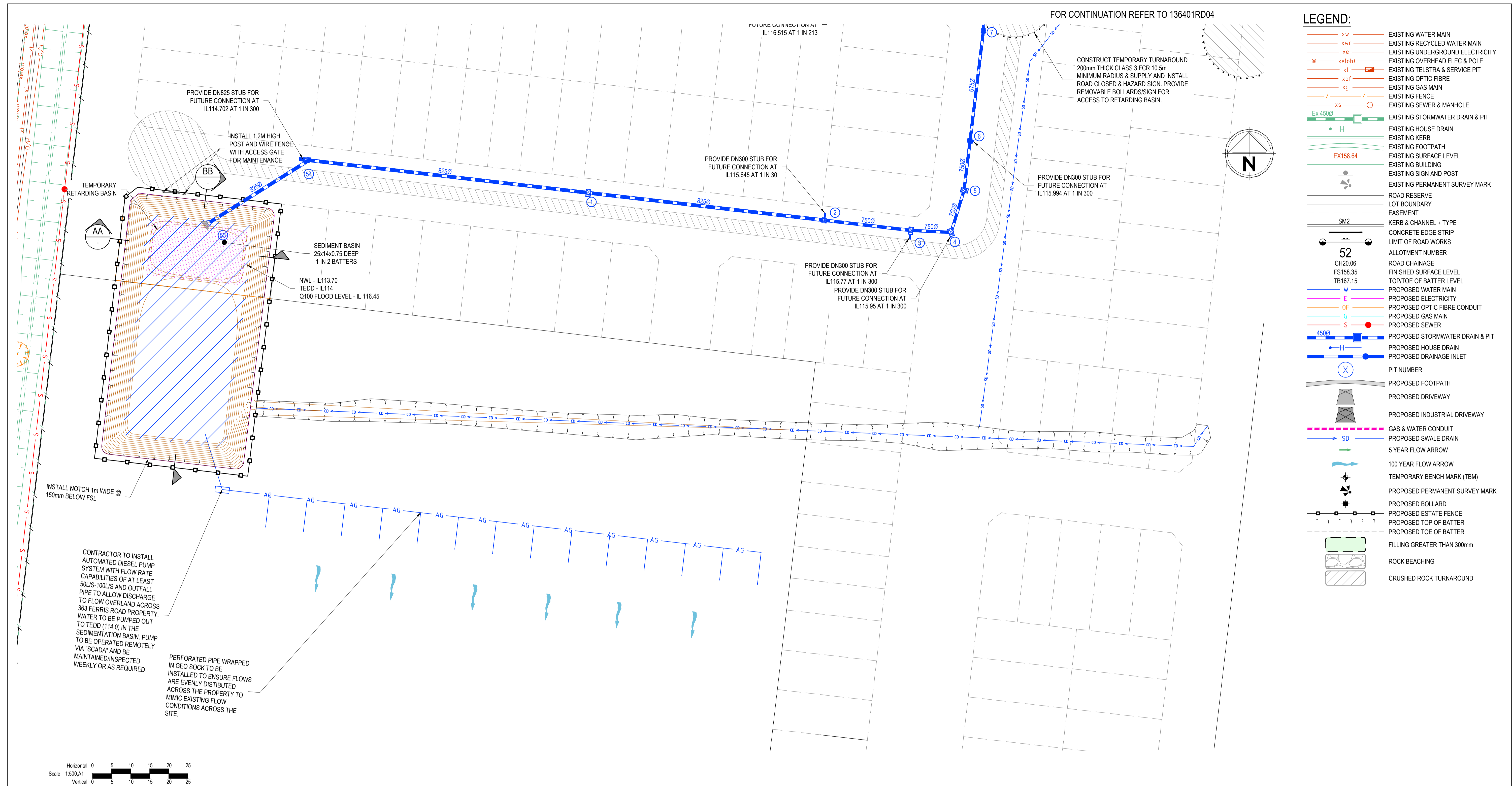
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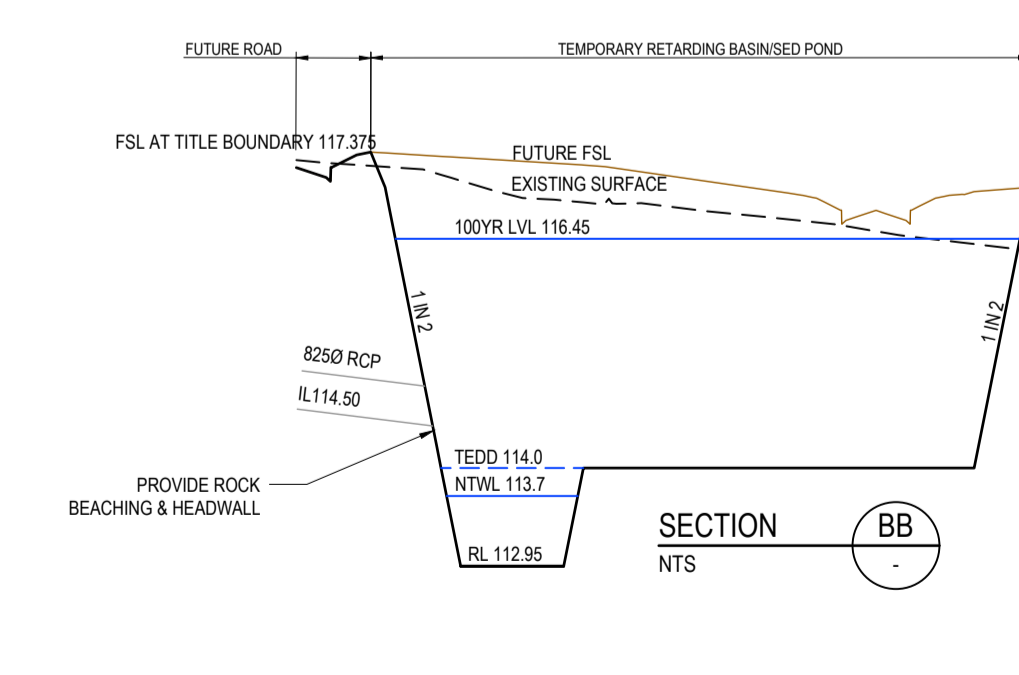
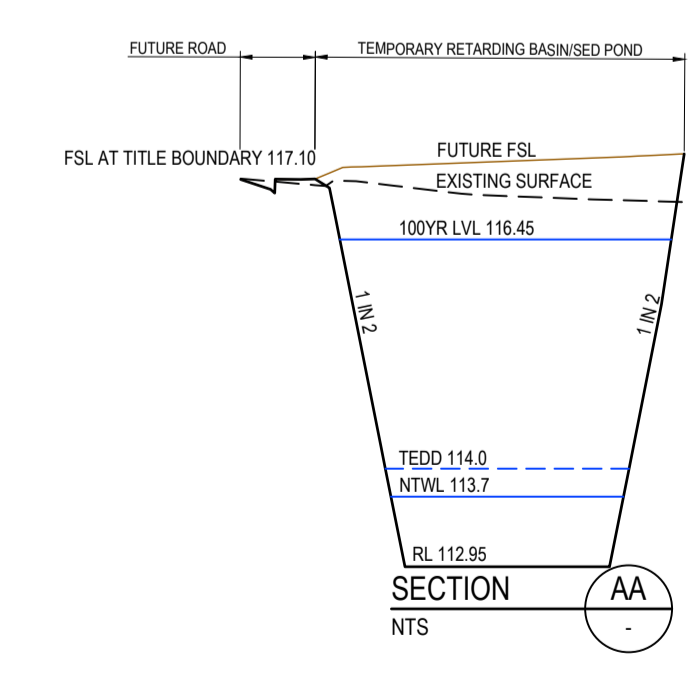
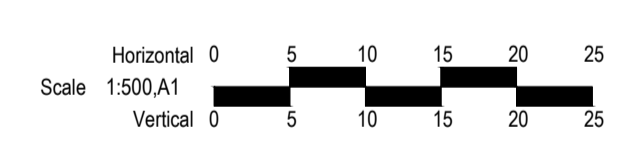
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MELBURN	PS848376X
STATUS:	

ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
 DETAILED PLAN - 1

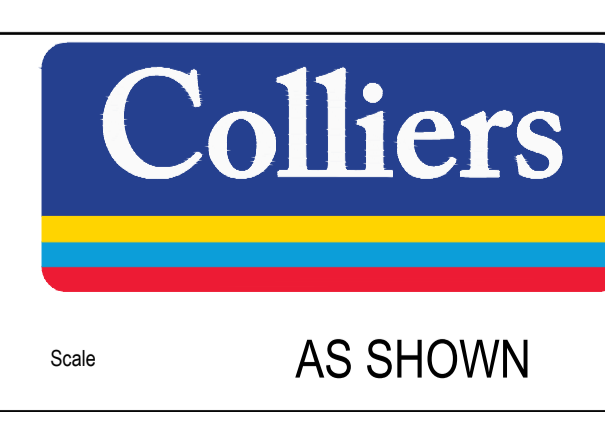


- LEGEND:**
- xw EXISTING WATER MAIN
 - xwr EXISTING RECYCLED WATER MAIN
 - xe EXISTING UNDERGROUND ELECTRICITY
 - xe(oh) EXISTING OVERHEAD ELEC & POLE
 - xt EXISTING TELSTRA & SERVICE PIT
 - xof EXISTING OPTIC FIBRE
 - xg EXISTING GAS MAIN
 - xs EXISTING FENCE
 - xs EXISTING SEWER & MANHOLE
 - Ex 4500 EXISTING STORMWATER DRAIN & PIT
 - EXISTING HOUSE DRAIN
 - EXISTING KERB
 - EXISTING FOOTPATH
 - EX158.64 EXISTING SURFACE LEVEL
 - EXISTING BUILDING
 - EXISTING SIGN AND POST
 - EXISTING PERMANENT SURVEY MARK
 - ROAD RESERVE
 - LOT BOUNDARY
 - EASEMENT
 - SM2 KERB & CHANNEL - TYPE
 - CONCRETE EDGE STRIP
 - LIMIT OF ROAD WORKS
 - 52 ALLOTMENT NUMBER
 - CH20.06 ROAD CHAINAGE
 - FS158.35 FINISHED SURFACE LEVEL
 - TB167.15 TOP/T/OE OF BATTER LEVEL
 - w PROPOSED WATER MAIN
 - e PROPOSED ELECTRICITY
 - of PROPOSED OPTIC FIBRE CONDUIT
 - g PROPOSED GAS MAIN
 - s PROPOSED SEWER
 - 4500 PROPOSED STORMWATER DRAIN & PIT
 - h PROPOSED HOUSE DRAIN
 - PROPOSED DRAINAGE INLET
 - PIT NUMBER
 - PROPOSED FOOTPATH
 - PROPOSED DRIVEWAY
 - PROPOSED INDUSTRIAL DRIVEWAY
 - GAS & WATER CONDUIT
 - SD PROPOSED SWALE DRAIN
 - 5 YEAR FLOW ARROW
 - 100 YEAR FLOW ARROW
 - TEMPORARY BENCH MARK (TBM)
 - PROPOSED PERMANENT SURVEY MARK
 - PROPOSED BOLLARD
 - PROPOSED ESTATE FENCE
 - PROPOSED TOP OF BATTER
 - PROPOSED TOE OF BATTER
 - FILLING GREATER THAN 300mm
 - ROCK BEACHING
 - CRUSHED ROCK TURNAROUND



REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOR	7/2/22

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.



PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOR	19.04.21
CHECKED	19.04.21
S.FALKENSTEIN	15.07.21
AUTHORISED	15.07.21
A.CHUDLEIGH	343 E7
MELBURN	PS848376X
STATUS	

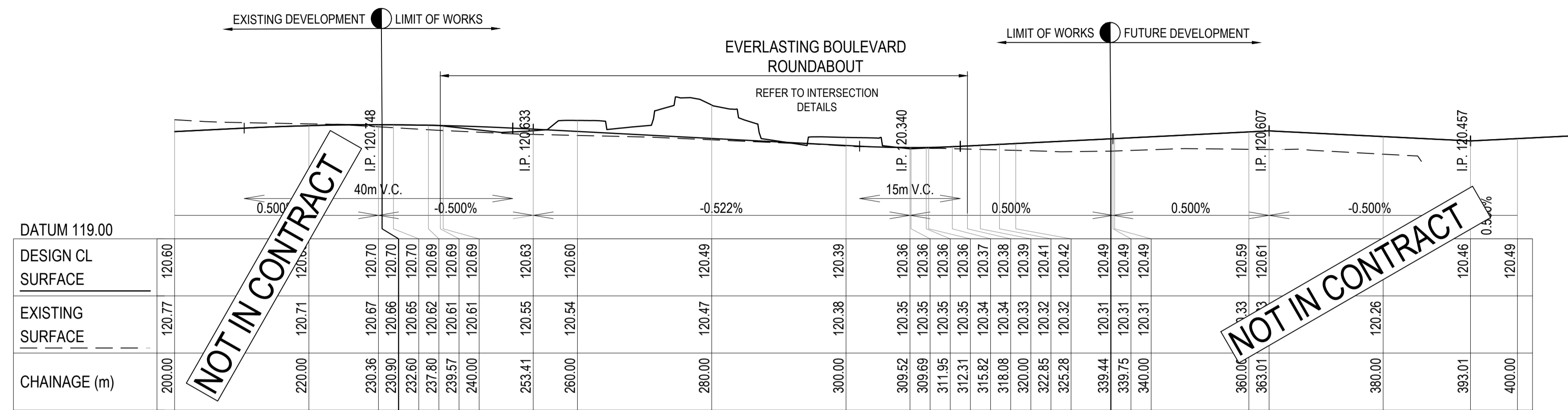
ELLERTON ESTATE
STAGE 1
CITY OF MELTON
DETAILED PLAN - 2
& TYPICAL SECTIONS

Scale AS SHOWN

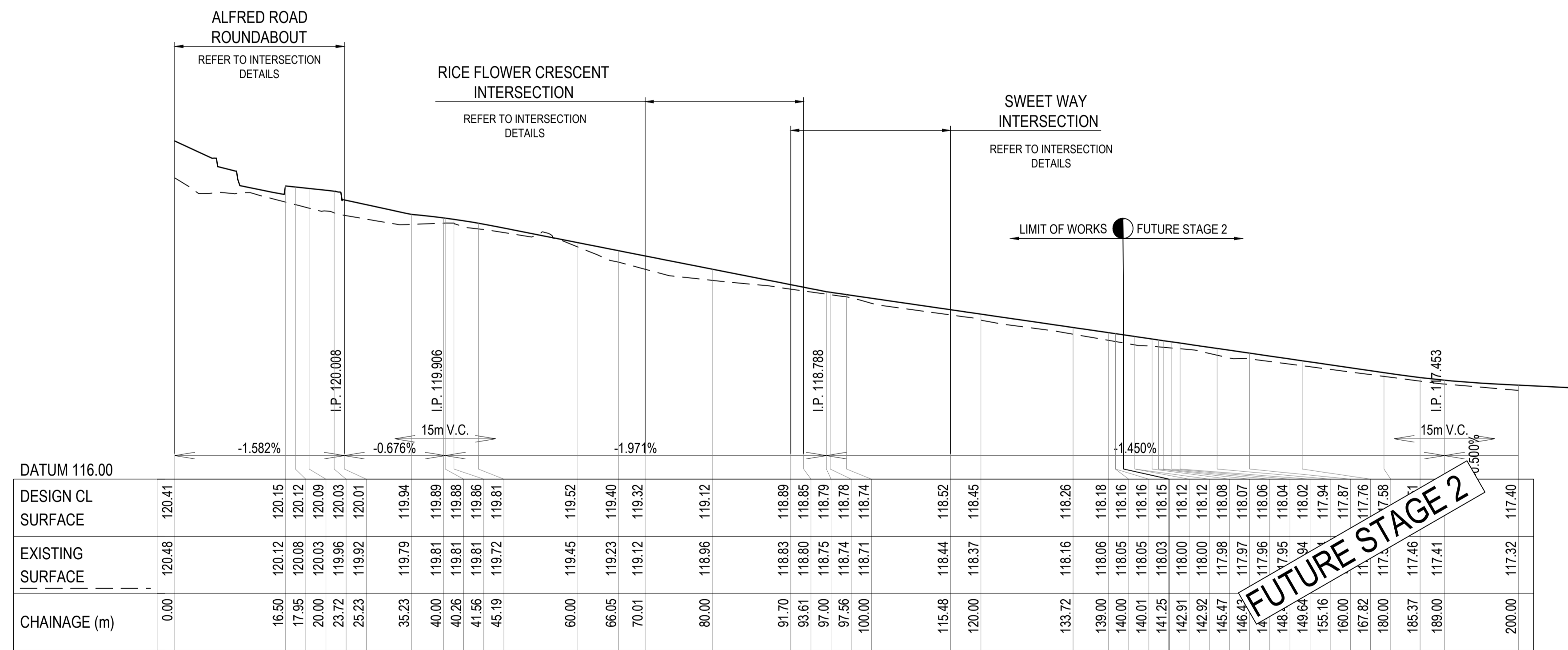
CONSTRUCTION 136401RD05

SHEET No. 5 OF 26
REV. 3

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ALFRED ROAD - LONGITUDINAL SECTION



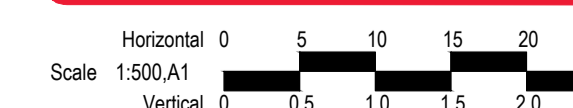
EVERLASTING BOULEVARD - LONGITUDINAL SECTION

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

LEGEND:

- DESIGN CL SURFACE LEVEL
- LEFT DESIGN LIP OF KERB
- RIGHT DESIGN LIP OF KERB
- EXISTING RIGHT BUILDING LINE
- EXISTING LEFT BUILDING LINE
- EXISTING SURFACE

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 FILE: J:\12025_Workspace\RD06\ALMEL\SC01\136401_136401_R03-LS.dwg LAYOUT: RD03-01 PLOTTED BY: T.Barbour Max PLOT DATE: 25/12/2023 4:50 PM



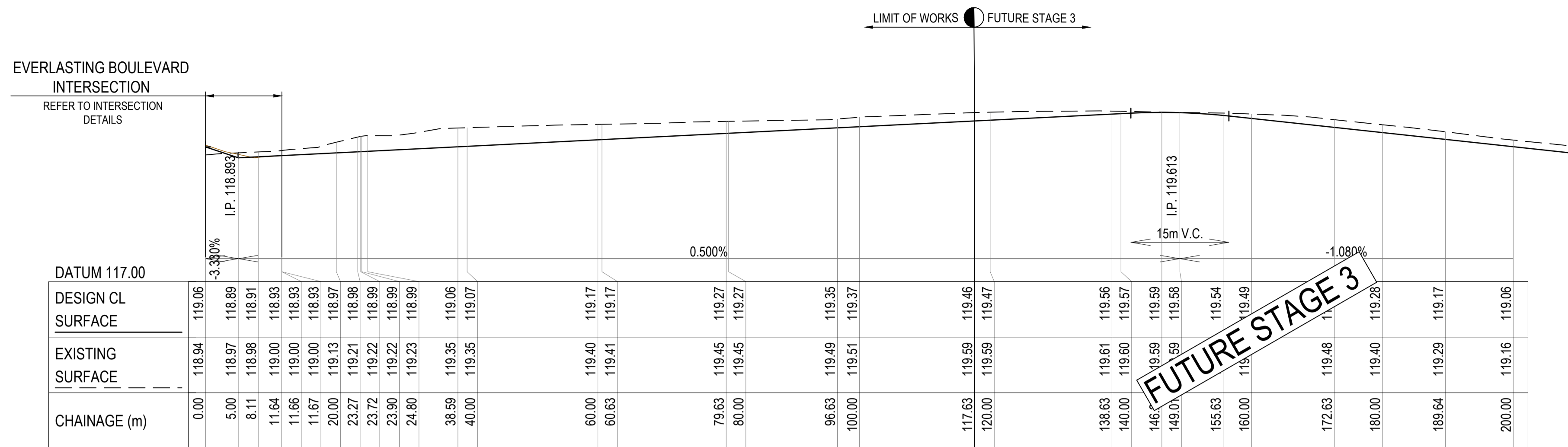
PM	A. CHUDLEIGH
DESIGNED	19.04.21
CHECKED	19.04.21
AUTHORISED	15.07.21
MELBAYS	343 E7
STATUS	PS848376X

ELLERTON ESTATE
 STAGE 1
 CITY OF MELTON
 ROAD LONGITUDINAL SECTIONS - 1

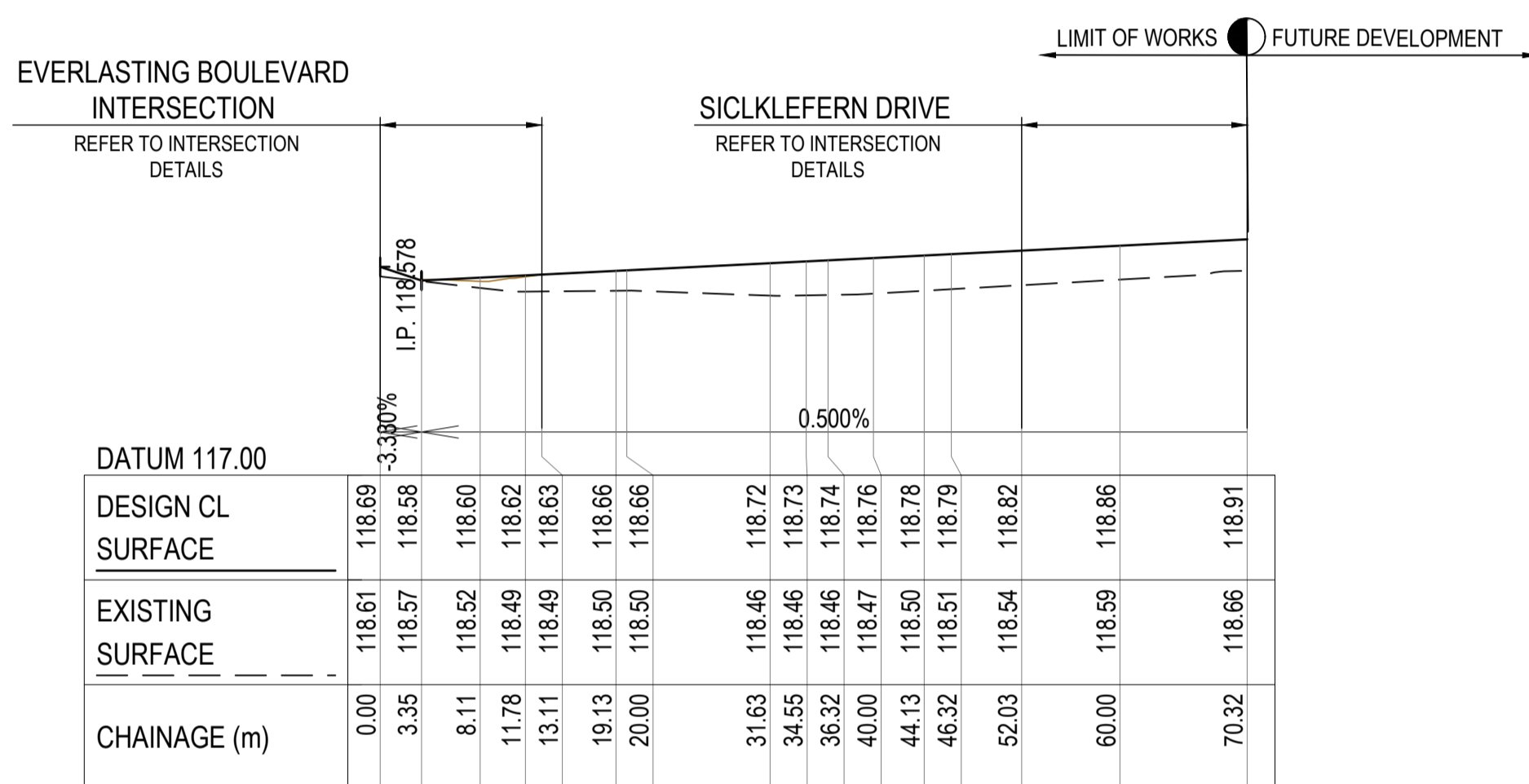
CONSTRUCTION

136401RD06

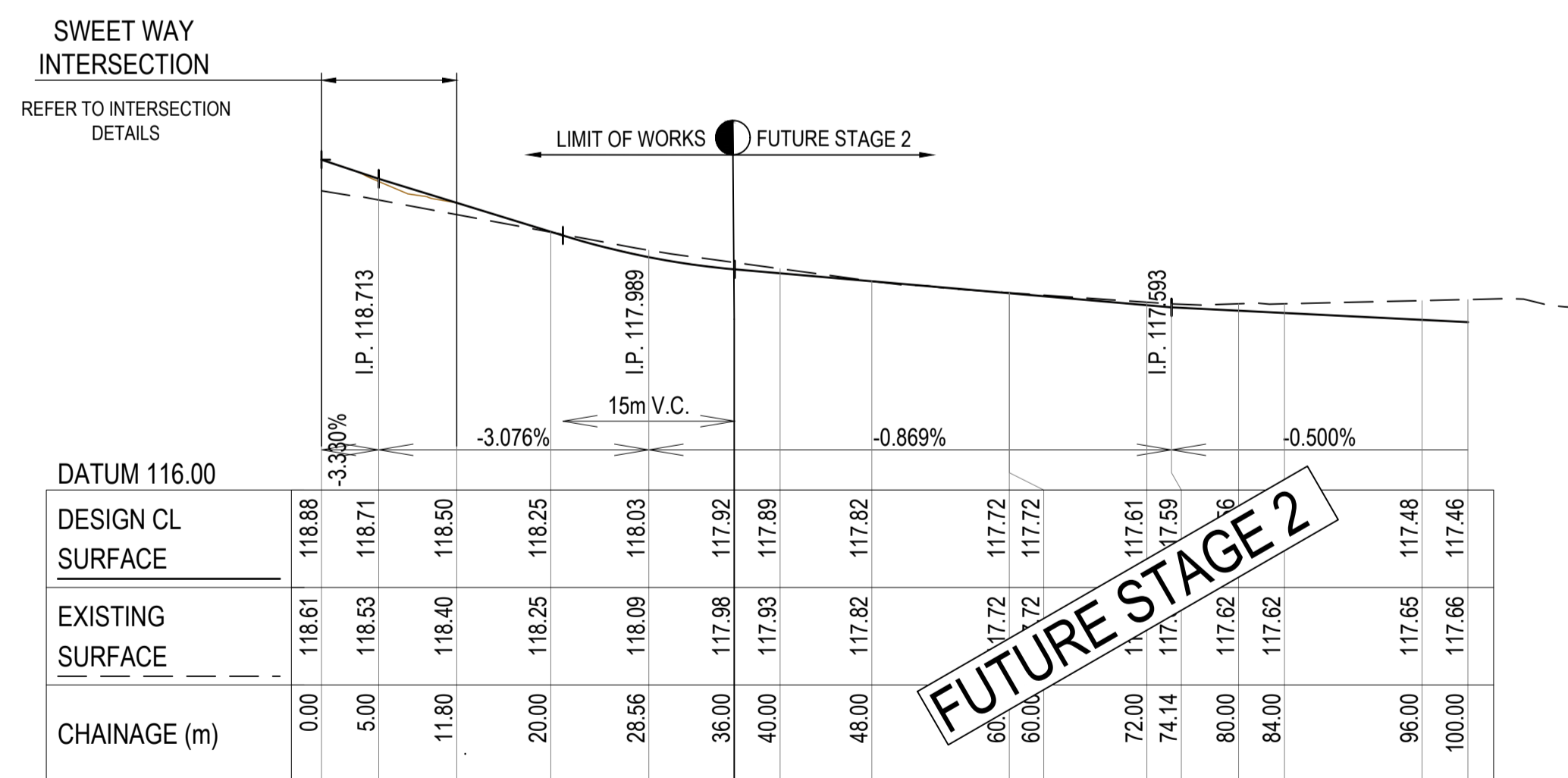
SHEET No. 6 OF 26
 REV. 3



RICE FLOWER CRESCENT - LONGITUDINAL SECTION



SWEET WAY - LONGITUDINAL SECTION



SICKLEFERN DRIVE - LONGITUDINAL SECTION

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

LEGEND:

- DESIGN CL SURFACE LEVEL
- LEFT DESIGN LIP OF KERB
- RIGHT DESIGN LIP OF KERB
- EXISTING RIGHT BUILDING LINE
- EXISTING LEFT BUILDING LINE
- EXISTING SURFACE

© 2021 Colliers International Engineering & Design (VIC) Pty Ltd
 FILE: J11245_Workspace\06\A\ME\52\1113421_822\PM2 DESIGN\G01 DESIGN\ACAD136401-RD3-L.S.dwg LAYOUT: RD3-02 PLOTTED BY: T.Barbour Max PLOT DATE: 25/1/2023 4:50 PM



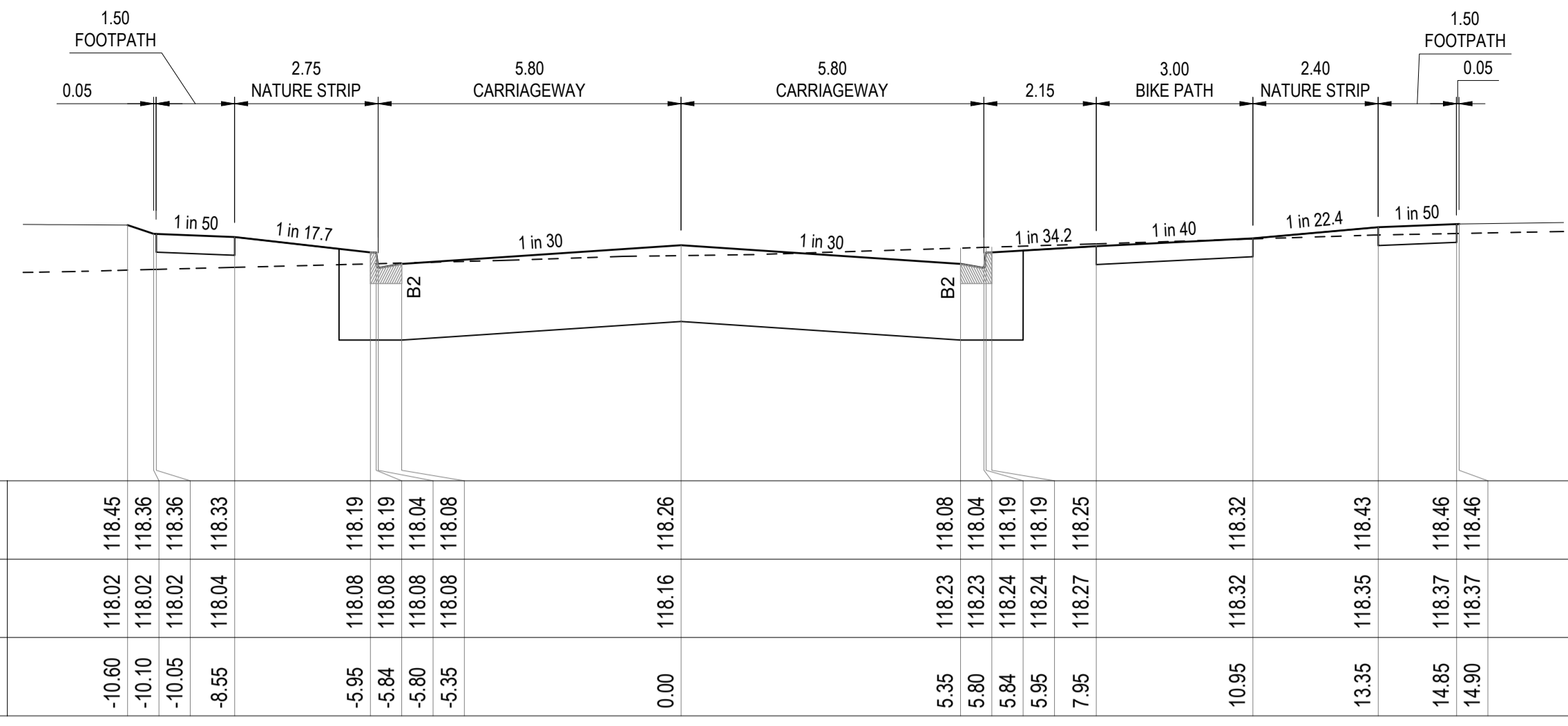
PM	A. CHUDLEIGH
DESIGNED	19.04.21
CHECKED	T.BARBOUR
19.04.21	
AUTHORISED	S.FALKENSTEIN
15.07.21	
MELBAYS	A.CHUDLEIGH
343 E7	
STATUS:	PS848376X

ELLERTON ESTATE
 STAGE 1
 CITY OF MELTON
 ROAD LONGITUDINAL SECTIONS - 2

CONSTRUCTION

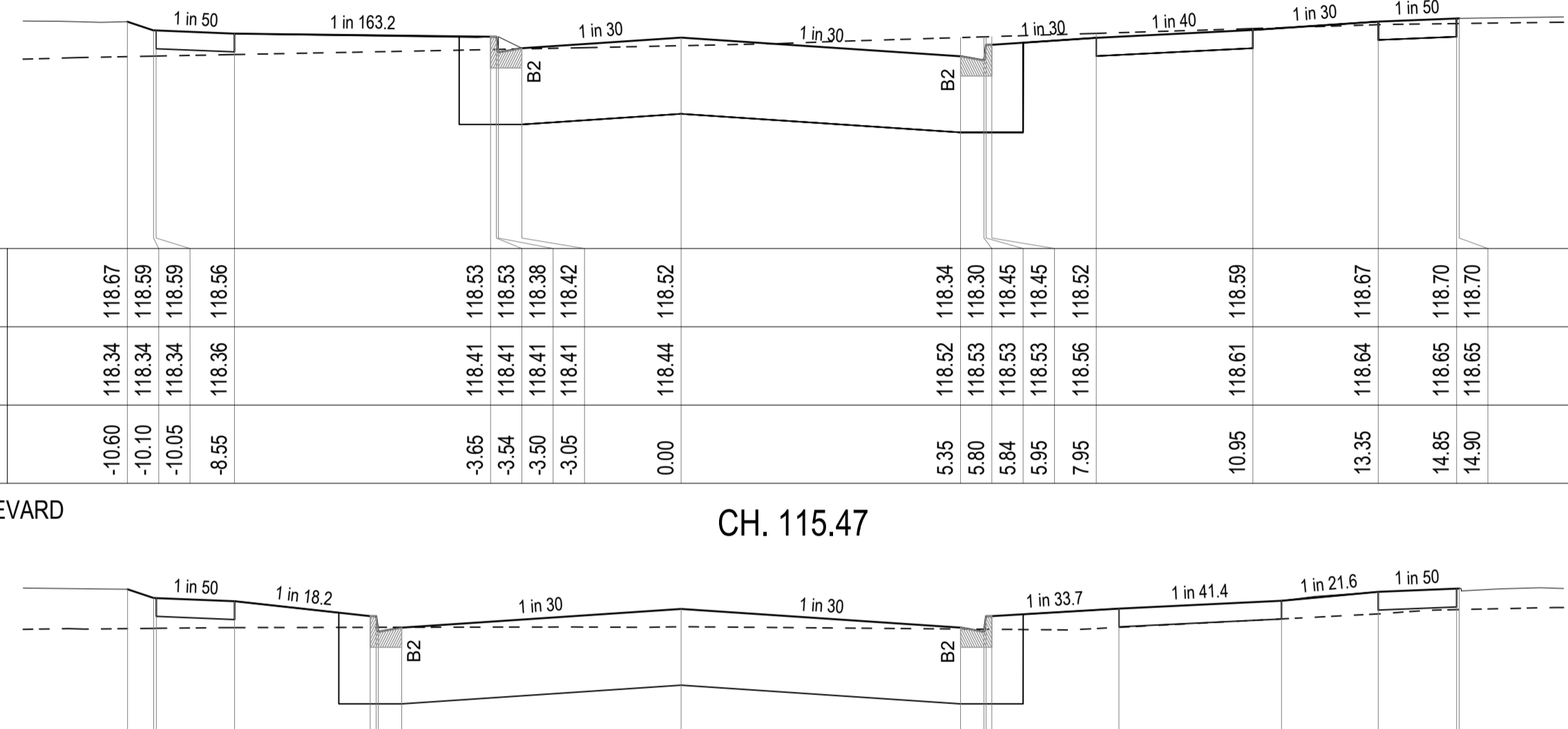
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SHEET No.	7 OF 26
REV.	3



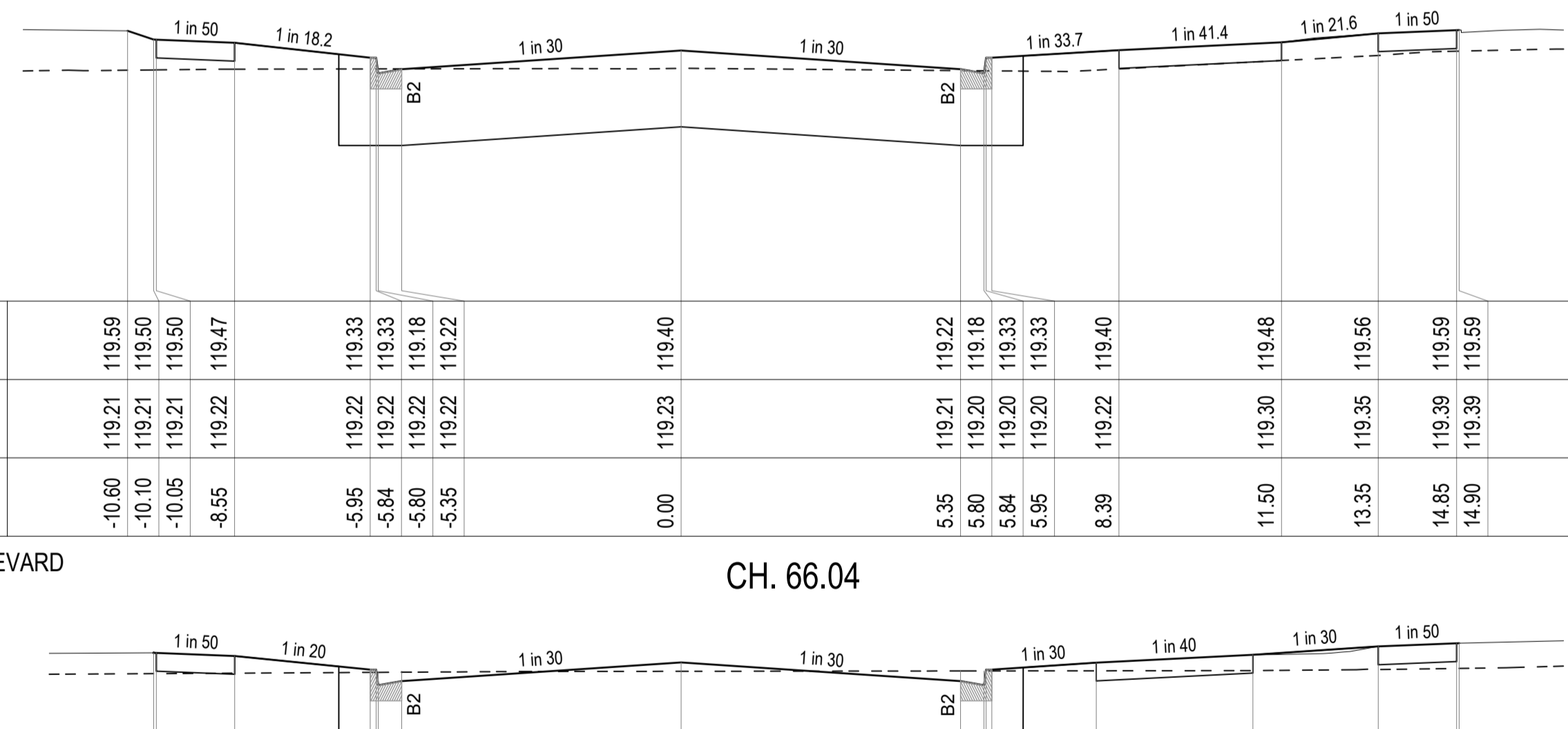
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DESIGN SURFACE		118.45	118.36	118.33	118.19	118.04	118.08		118.26		
EXISTING SURFACE		118.02	118.36	118.33	118.08	118.04	118.08		118.16		
OFFSET		-10.60	-10.10	-10.05	-8.55	-5.95	-5.84	-5.80	-5.35	0.00	

EVERLASTING BOULEVARD CH. 133.72



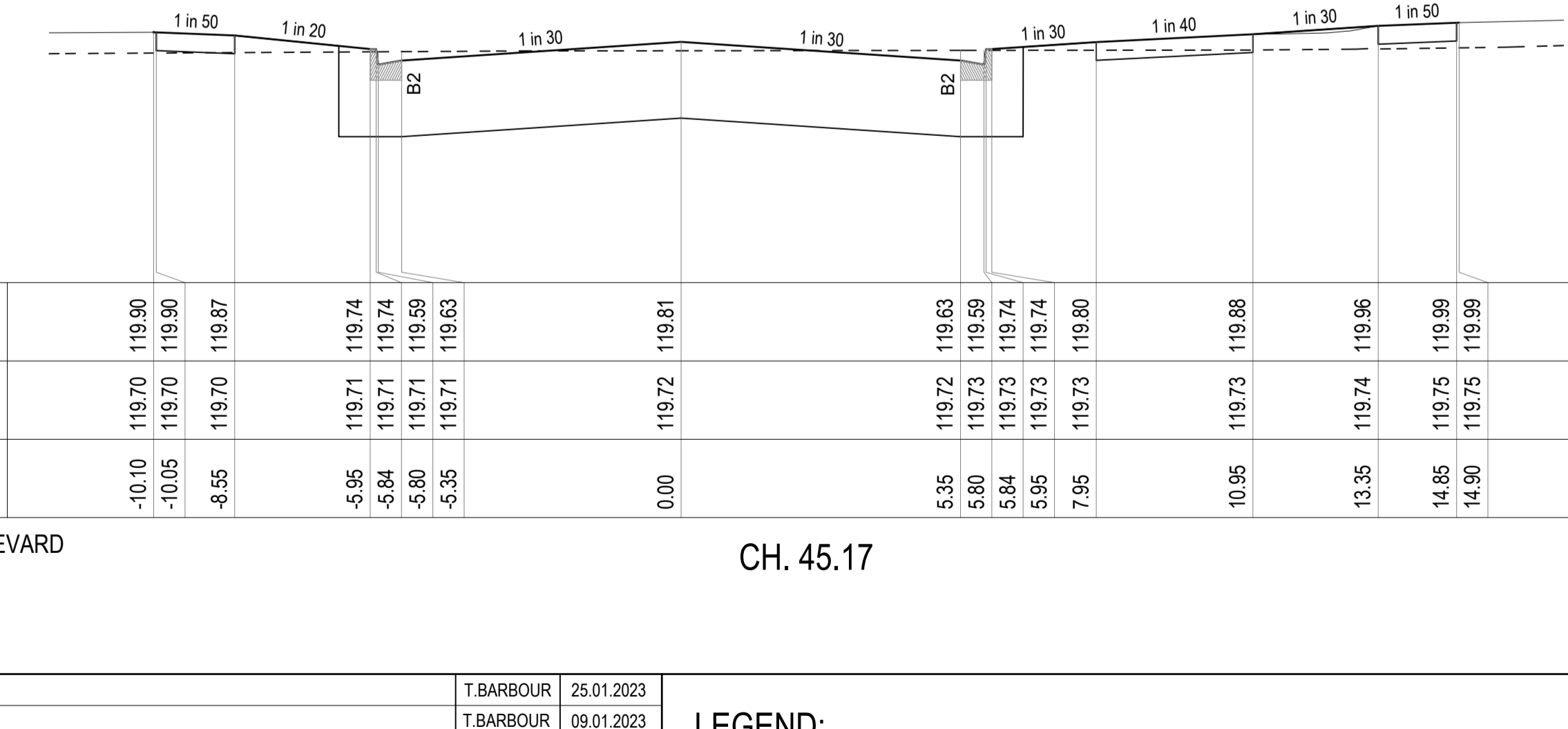
DATUM 116.50											
DESIGN SURFACE		118.67	118.59	118.56	118.53	118.53	118.38	118.42	118.52		
EXISTING SURFACE		118.34	118.59	118.56	118.53	118.53	118.38	118.42	118.44	118.52	
OFFSET		-10.60	-10.10	-10.05	-8.55	-3.65	-3.54	-3.50	-3.05	0.00	

EVERLASTING BOULEVARD CH. 115.47



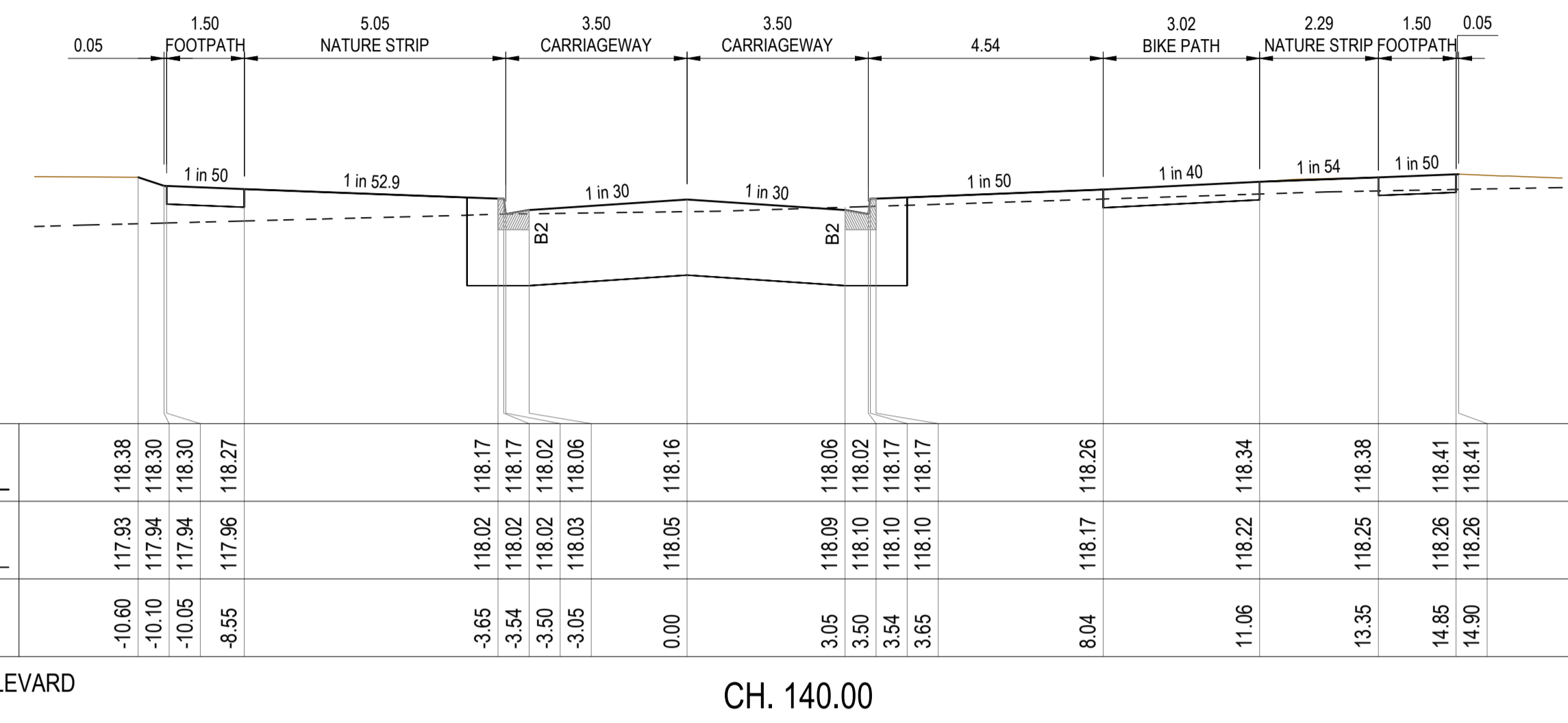
DATUM 117.00											
DESIGN SURFACE		119.59	119.50	119.47	119.33	119.33	119.18	119.33	119.40		
EXISTING SURFACE		119.21	119.50	119.47	119.33	119.33	119.18	119.33	119.48	119.48	
OFFSET		-10.60	-10.10	-10.05	-8.55	-5.95	-5.84	-5.80	-5.35	0.00	

EVERLASTING BOULEVARD CH. 66.04



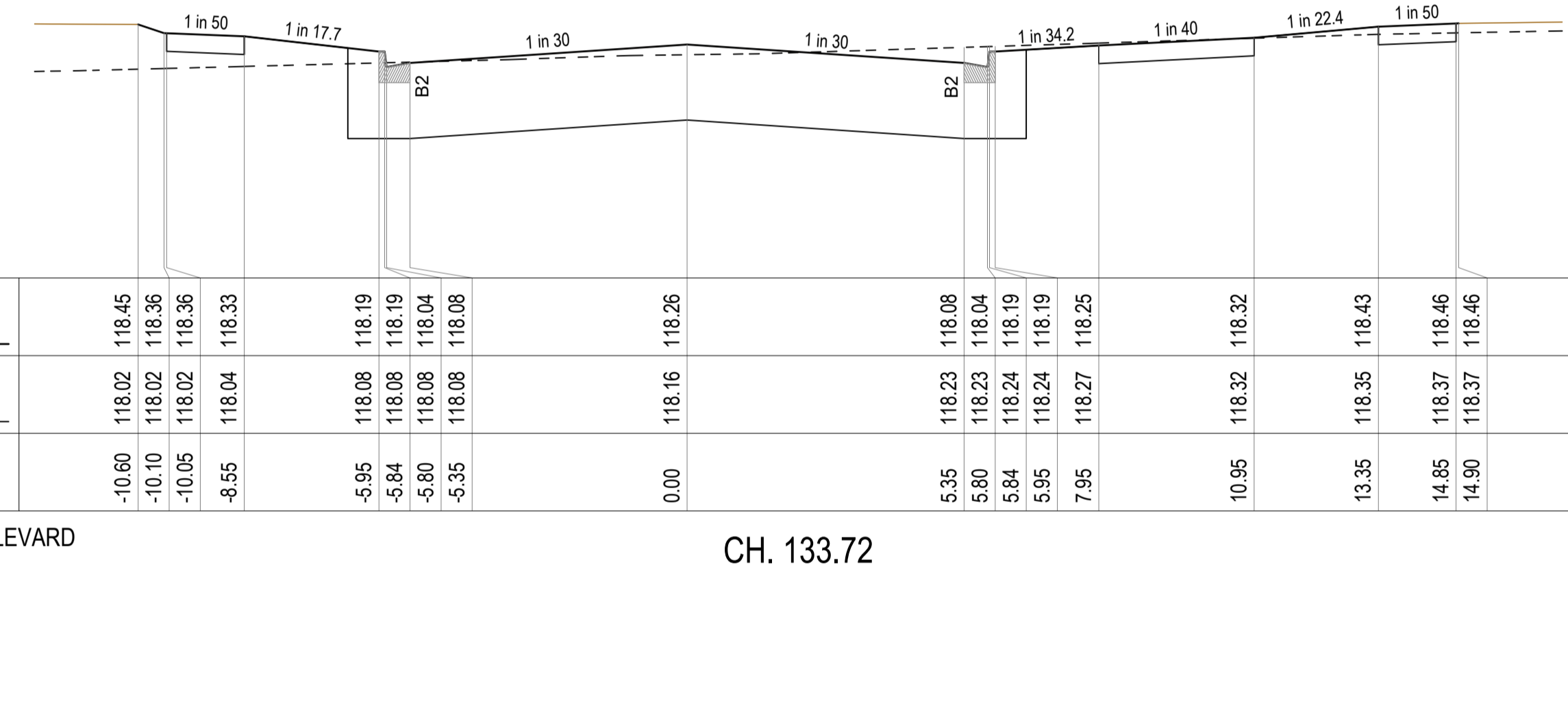
DATUM 117.50											
DESIGN SURFACE		119.90	119.87	119.74	119.74	119.63		119.81			
EXISTING SURFACE		119.70	119.87	119.74	119.74	119.63		119.72	119.88	119.88	
OFFSET		-10.10	-10.05	-8.55	-5.95	-5.84	-5.80	-5.35	0.00	10.95	

EVERLASTING BOULEVARD CH. 45.17



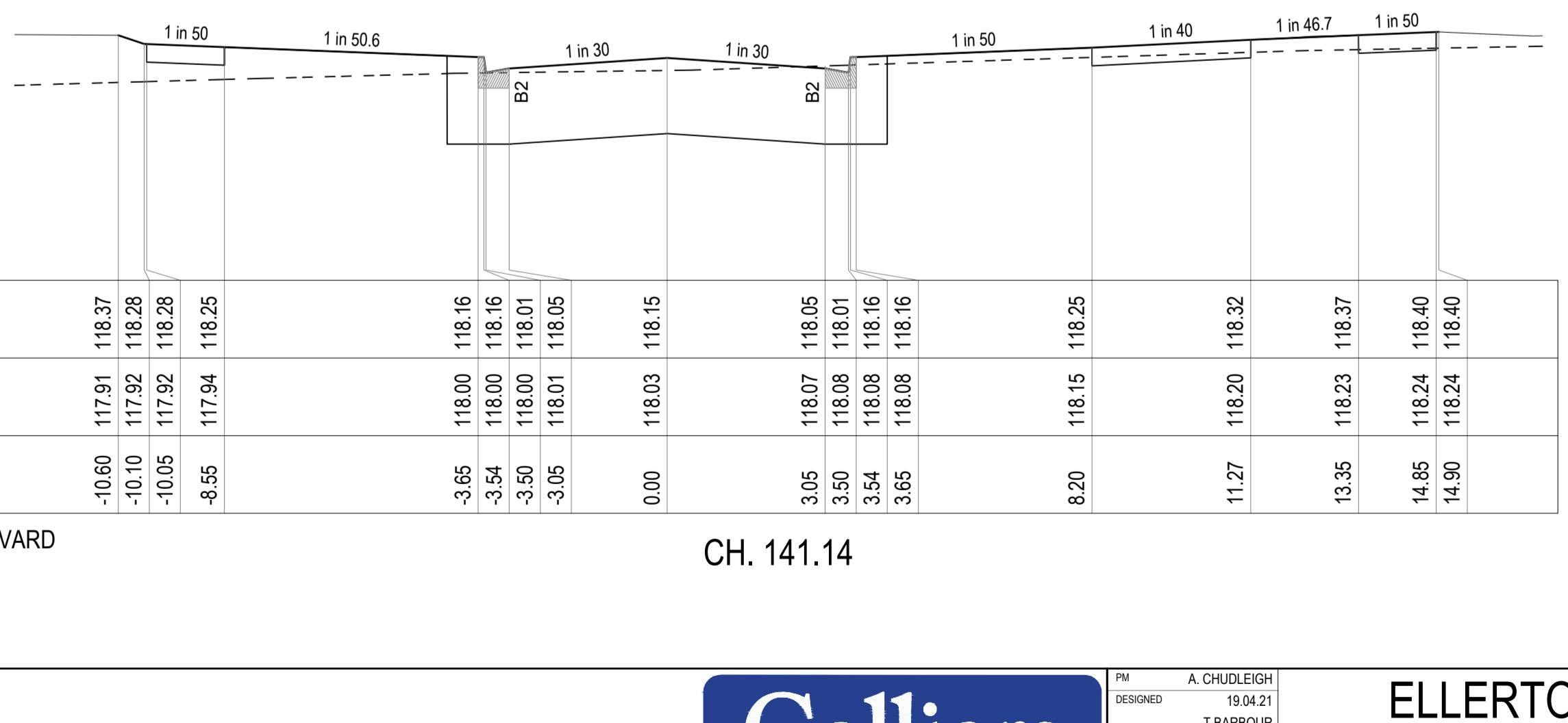
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DESIGN SURFACE		118.38	118.30	118.17	118.17	118.06	118.06	118.17	118.26	118.34	118.38
EXISTING SURFACE		117.93	117.94	117.96	118.02	118.02	118.06	118.17	118.17	118.22	118.38
OFFSET		-10.60	-10.10	-10.05	-8.55	-3.65	-3.54	-3.50	-3.05	0.00	

EVERLASTING BOULEVARD CH. 140.00



DATUM 116.00											
DESIGN SURFACE		118.45	118.36	118.33	118.19	118.19	118.08		118.26		
EXISTING SURFACE		118.02	118.36	118.33	118.08	118.19	118.08		118.16		
OFFSET		-10.60	-10.10	-10.05	-8.55	-5.95	-5.84	-5.80	-5.35	0.00	

EVERLASTING BOULEVARD CH. 133.72



DATUM 116.00											
DESIGN SURFACE		118.37	118.28	118.25	118.16	118.16	118.05	118.15	118.32	118.37	118.40
EXISTING SURFACE		117.91	117.92	117.94	118.00	118.16	118.05	118.15	118.20	118.23	118.40
OFFSET		-10.60	-10.10	-10.05	-8.55	-3.65	-3.54	-3.50	-3.05	0.00	

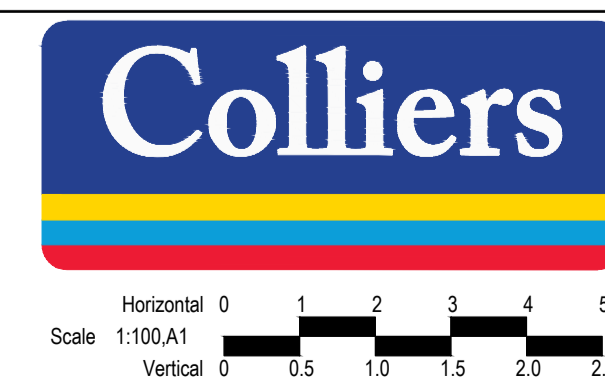
EVERLASTING BOULEVARD CH. 141.14

3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22
REV.	AMENDMENTS	APP'D	DATE

LEGEND:

- DESIGN CL SURFACE LEVEL
- - - EXISTING SURFACE
- ▭ ROAD BOXING
- ▨ SELECT COMPACTED FILL UNDER
- ▭ FOOTPATHS IN FILL ZONES

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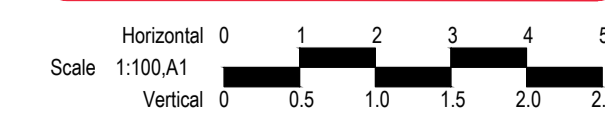


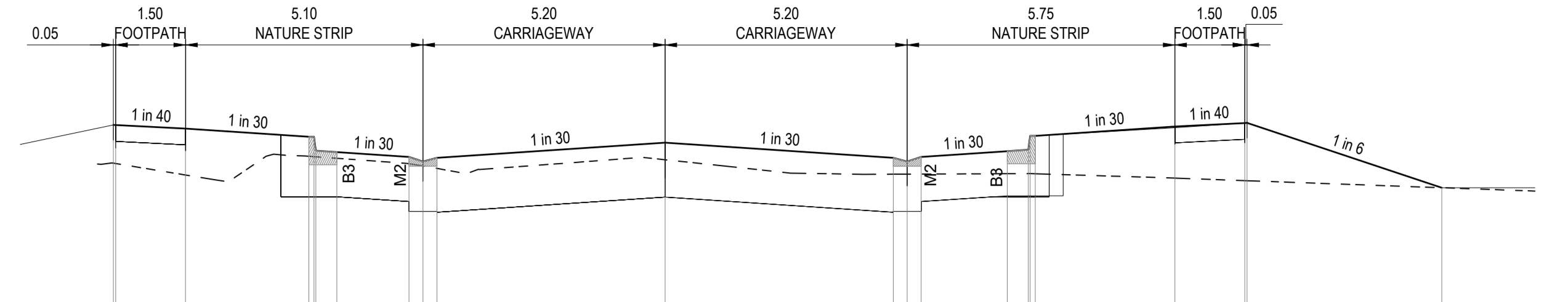
PM	A. CHUDLEIGH
DESIGNED	19.04.21
CHECKED	19.04.21
AUTHORISED	15.07.21
MELBURN	343 E7
STATUS	PS848376X

ELLERTON ESTATE
 STAGE 1
 CITY OF MELTON
 ROAD CROSS SECTIONS - 1

CONSTRUCTION 136401RD08

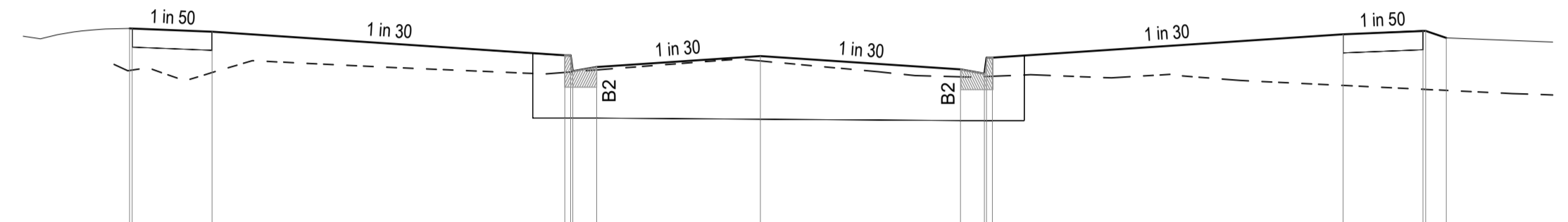
SHEET No. 8 OF 26
 REV. 3





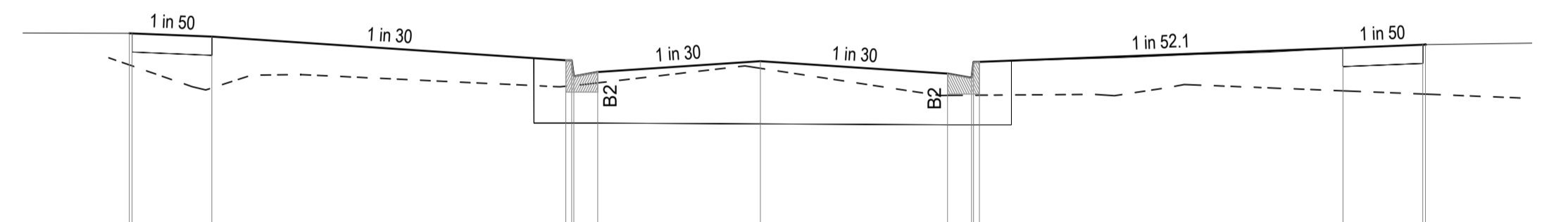
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DESIGN SURFACE										
EXISTING SURFACE										
OFFSET										

ALFRED ROAD CH. 339.44



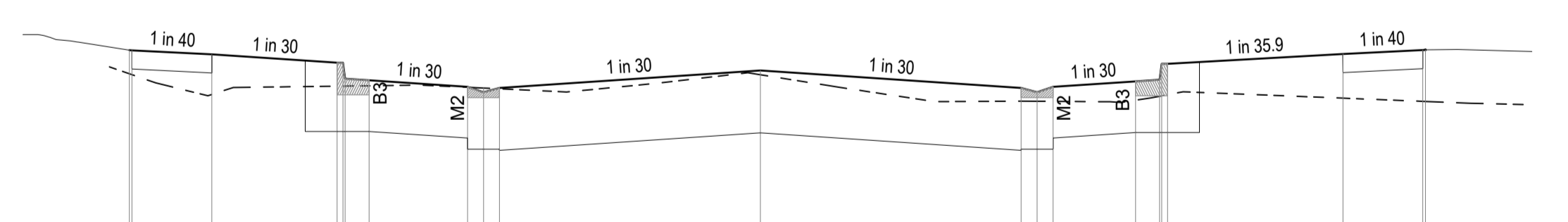
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DESIGN SURFACE										
EXISTING SURFACE										
OFFSET										

ALFRED ROAD CH. 318.08



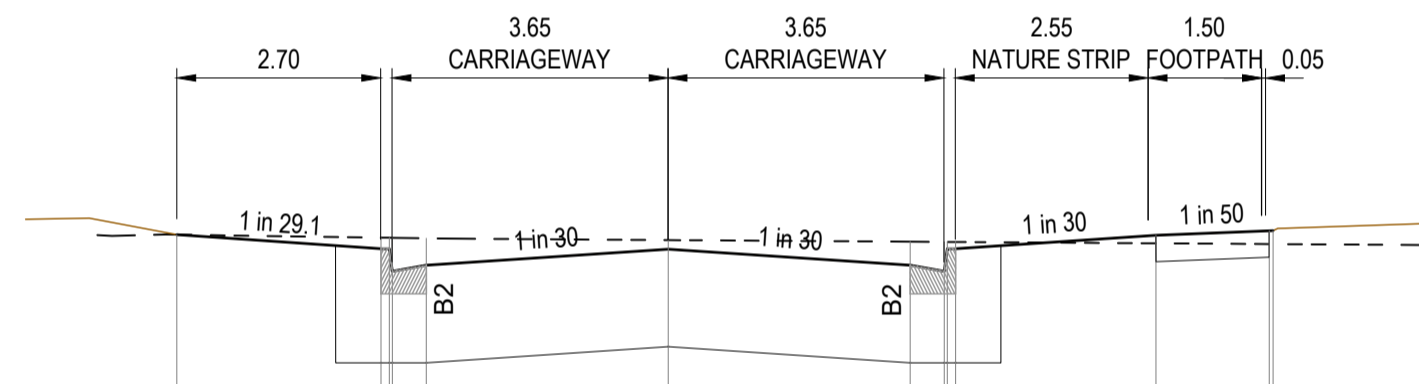
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DESIGN SURFACE										
EXISTING SURFACE										
OFFSET										

ALFRED ROAD CH. 237.80



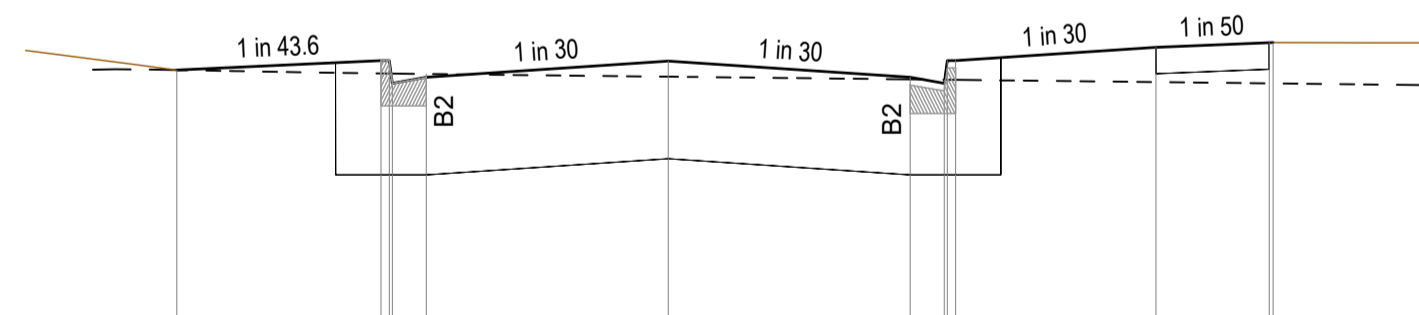
DATUM 118.50										
DESIGN SURFACE										
EXISTING SURFACE										
OFFSET										

ALFRED ROAD CH. 232.00



DATUM 116.00										
DESIGN SURFACE										
EXISTING SURFACE										
OFFSET										

SICKLEFERN DRIVE CH. 36.00



DATUM 116.50										
DESIGN SURFACE										
EXISTING SURFACE										
OFFSET										

SICKLEFERN DRIVE CH. 11.80

3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22
REV.	AMENDMENTS	APP'D	DATE

LEGEND:

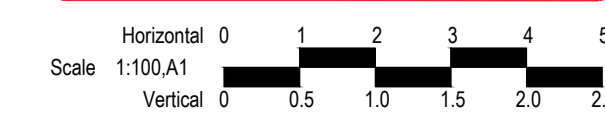
- DESIGN CL SURFACE LEVEL
- - - EXISTING SURFACE
- ▭ ROAD BOXING
- ▨ SELECT COMPACTED FILL UNDER
- ▩ FOOTPATHS IN FILL ZONES

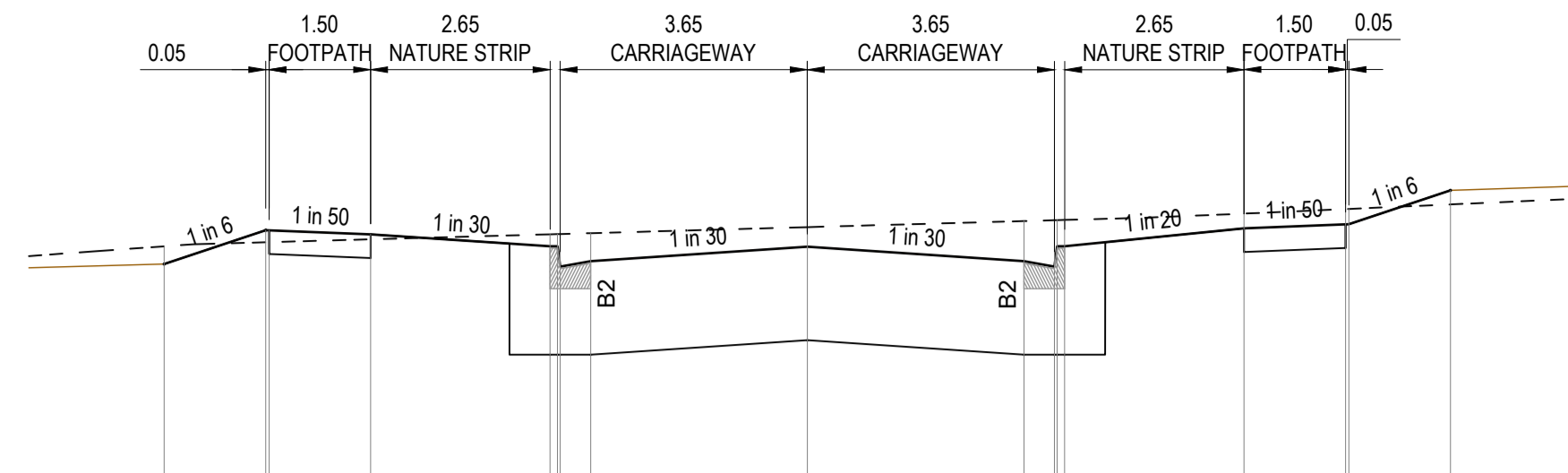
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PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOUR	
CHECKED	19.04.21
S.FALKENSTEIN	
AUTHORISED	15.07.21
A.CHUDLEIGH	
MELWAYS	343 E7
POST NO.	PS848376X
STATUS:	

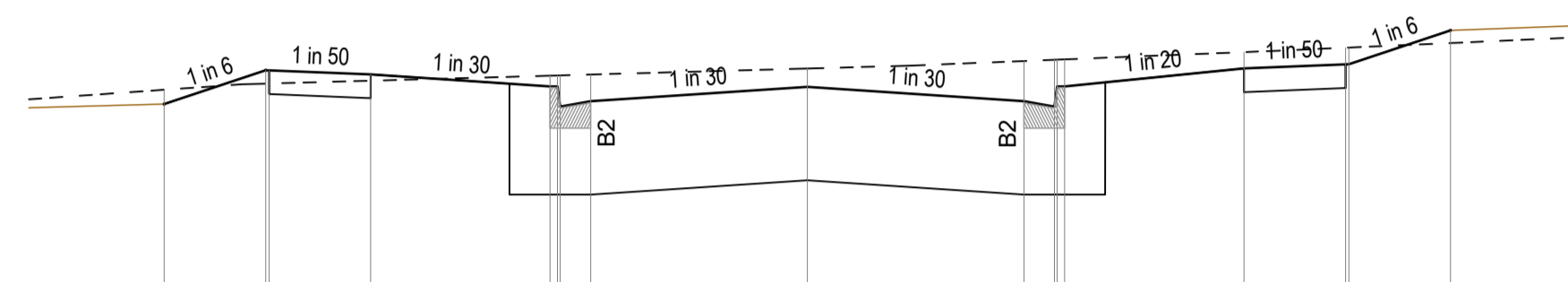
ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
 ROAD CROSS SECTIONS - 2





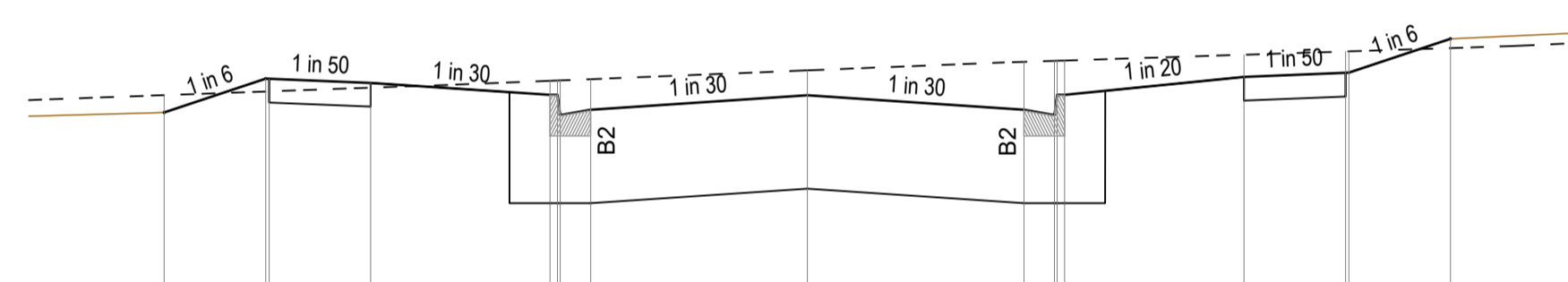
	0.05	1.50	2.65	3.65	3.65	2.65	1.50	0.05
DESIGN SURFACE	119.24	119.49	119.46	119.37	119.37	119.26	119.50	119.79
EXISTING SURFACE	119.37	119.40	119.42	119.46	119.51	119.56	119.61	119.68
OFFSET	-9.50	-8.00	-6.45	-3.80	0.00	3.20	6.45	9.50

RICE FLOWER CRESCENT CH. 100.00



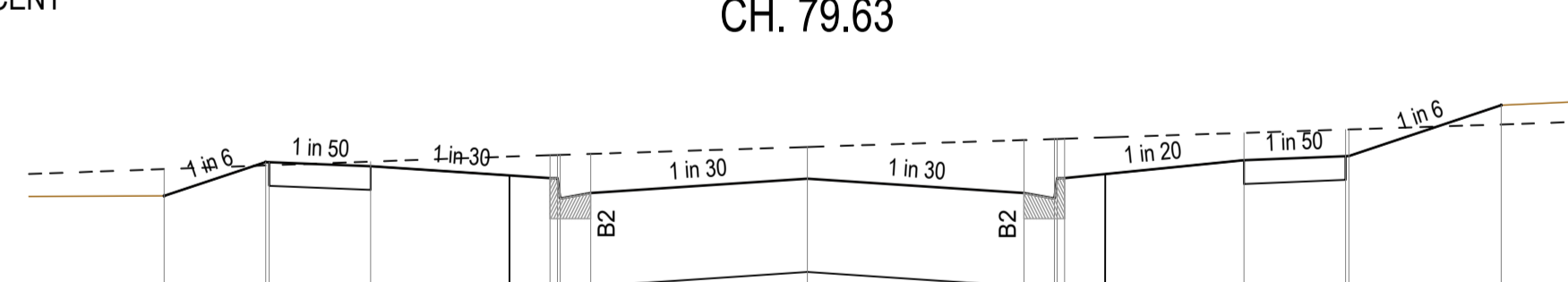
	0.05	1.50	2.65	3.65	3.65	2.65	1.50	0.05
DESIGN SURFACE	119.22	119.47	119.44	119.35	119.35	119.24	119.49	119.77
EXISTING SURFACE	119.33	119.37	119.40	119.43	119.49	119.54	119.61	119.67
OFFSET	-9.50	-8.00	-6.45	-3.80	0.00	3.20	6.45	9.50

RICE FLOWER CRESCENT CH. 96.63



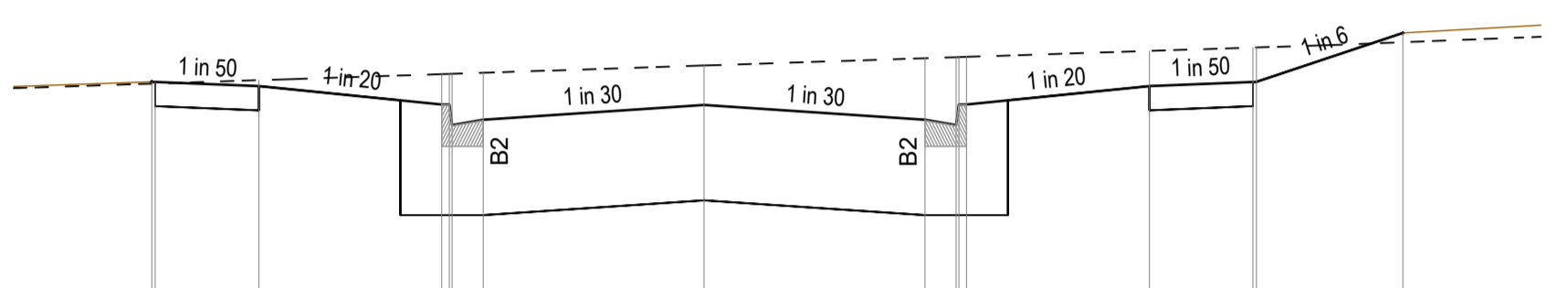
	0.05	1.50	2.65	3.65	3.65	2.65	1.50	0.05
DESIGN SURFACE	119.14	119.39	119.37	119.27	119.27	119.16	119.40	119.68
EXISTING SURFACE	119.27	119.29	119.30	119.38	119.45	119.51	119.57	119.62
OFFSET	-9.50	-8.00	-6.45	-3.80	0.00	3.20	6.45	9.50

RICE FLOWER CRESCENT CH. 79.63



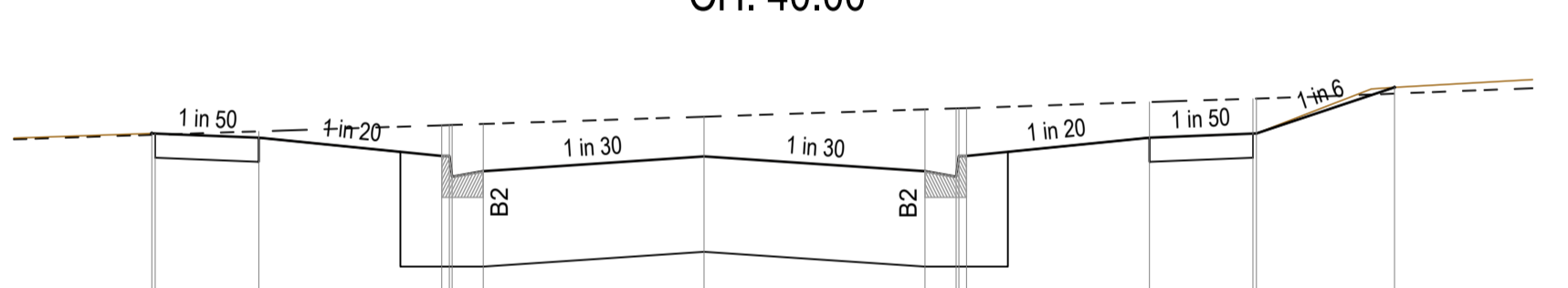
	0.05	1.50	2.65	3.65	3.65	2.65	1.50	0.05
DESIGN SURFACE	119.04	119.29	119.26	119.17	119.17	119.06	119.31	119.71
EXISTING SURFACE	119.24	119.27	119.30	119.34	119.41	119.46	119.51	119.57
OFFSET	-9.50	-8.00	-6.45	-3.80	0.00	3.20	6.45	10.25

RICE FLOWER CRESCENT CH. 60.63



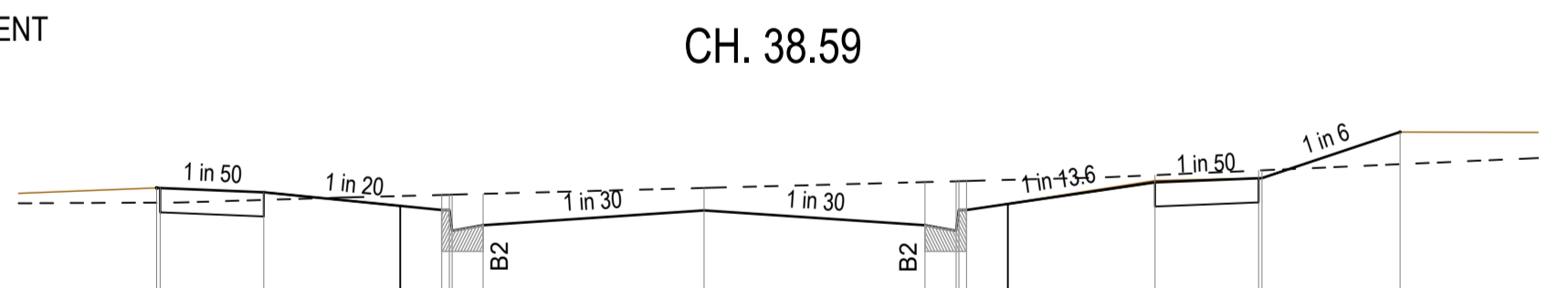
	0.05	1.50	2.65	3.65	3.65	2.65	1.50	0.05
DESIGN SURFACE	119.24	119.23	119.07	118.96	119.07	119.20	119.59	
EXISTING SURFACE	119.22	119.25	119.29	119.41	119.35	119.46	119.52	
OFFSET	-8.00	-7.95	-3.80	3.20	0.00	6.45	10.12	

RICE FLOWER CRESCENT CH. 40.00



	0.05	1.50	2.65	3.65	3.65	2.65	1.50	0.05
DESIGN SURFACE	119.23	119.23	119.06	118.95	119.06	119.20	119.56	
EXISTING SURFACE	119.22	119.24	119.29	119.41	119.35	119.45	119.52	
OFFSET	-8.00	-7.95	-3.80	3.20	0.00	6.45	10.00	

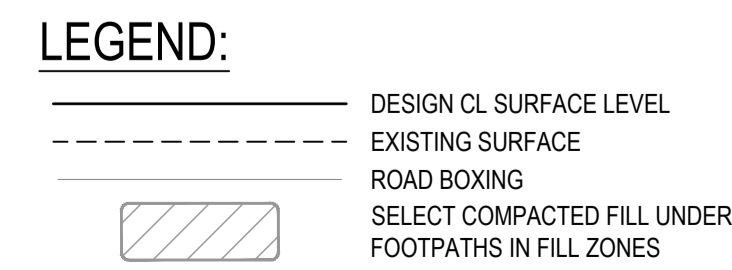
RICE FLOWER CRESCENT CH. 38.59



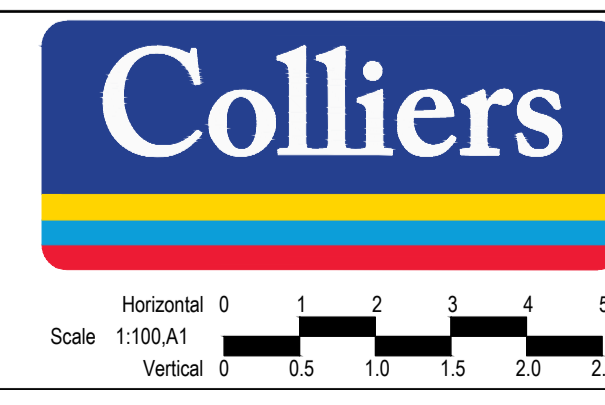
	0.05	1.50	2.65	3.65	3.65	2.65	1.50	0.05
DESIGN SURFACE	119.13	119.13	118.97	118.86	118.97	119.17	119.54	
EXISTING SURFACE	119.03	119.03	119.08	119.18	119.13	119.22	119.30	
OFFSET	-7.93	-7.88	-3.80	3.20	0.00	6.53	10.08	

RICE FLOWER CRESCENT CH. 20.00

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

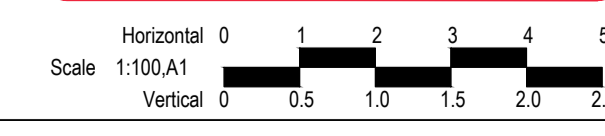


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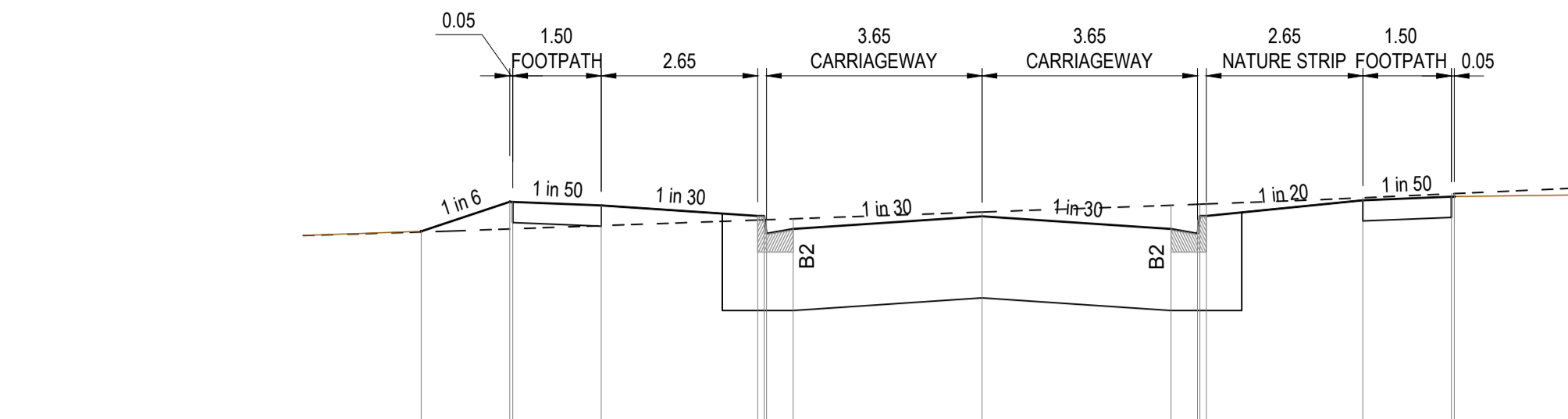


PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOUR	
CHECKED	19.04.21
S.FALKENSTEIN	
AUTHORISED	15.07.21
A.CHUDLEIGH	
MELBAYS	343 E7
POS No:	PS848376X
STATUS:	

ELLERTON ESTATE
 STAGE 1
 CITY OF MELTON
 ROAD CROSS SECTIONS - 3

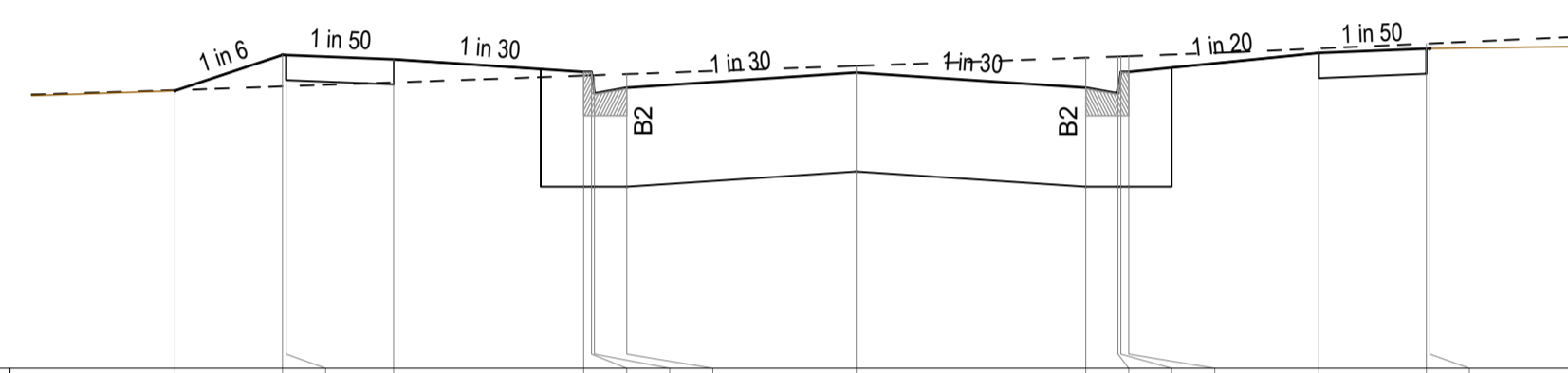


CONSTRUCTION	136401RD10	SHEET No:	10 OF 26
REV.	3		



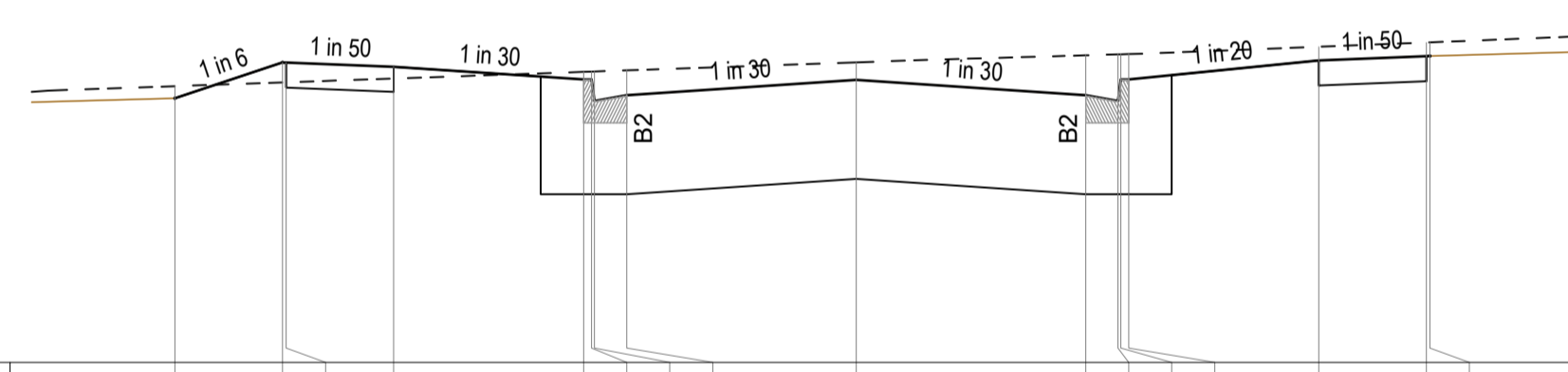
DATUM 117.50	
DESIGN SURFACE	119.44
EXISTING SURFACE	119.44
OFFSET	-9.50

RICE FLOWER CRESCENT CH. 140.00



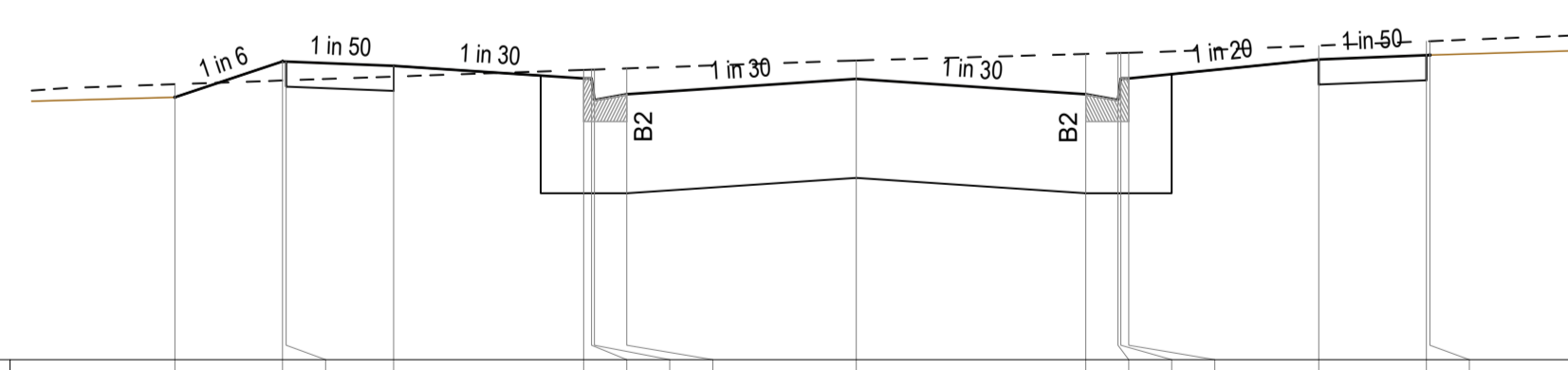
DATUM 117.50	
DESIGN SURFACE	119.43
EXISTING SURFACE	119.44
OFFSET	-9.50

RICE FLOWER CRESCENT CH. 138.63



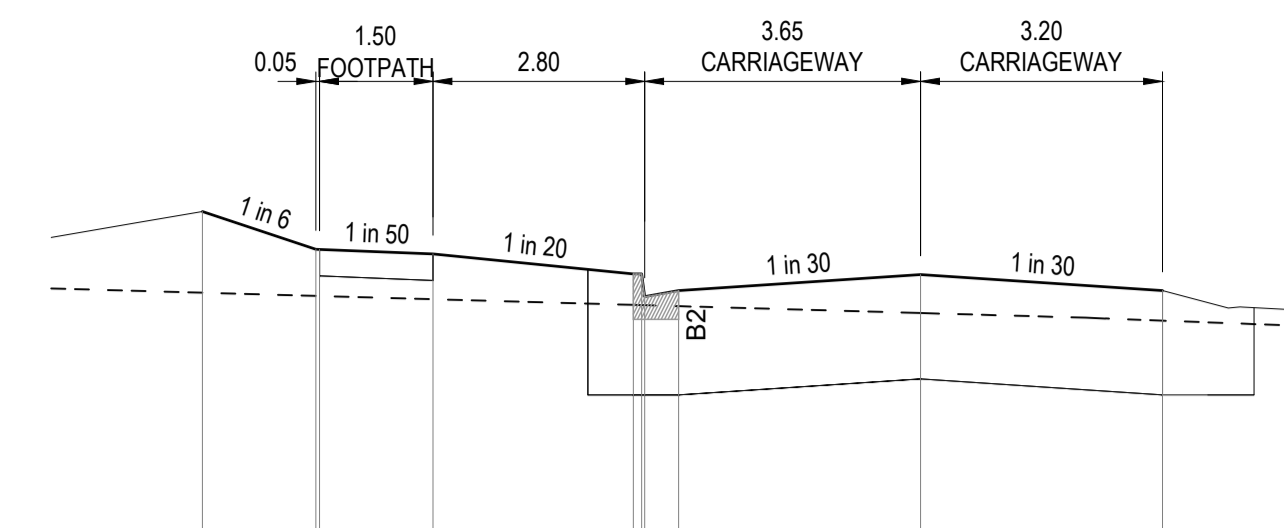
DATUM 117.50	
DESIGN SURFACE	119.34
EXISTING SURFACE	119.42
OFFSET	-9.50

RICE FLOWER CRESCENT CH. 120.00



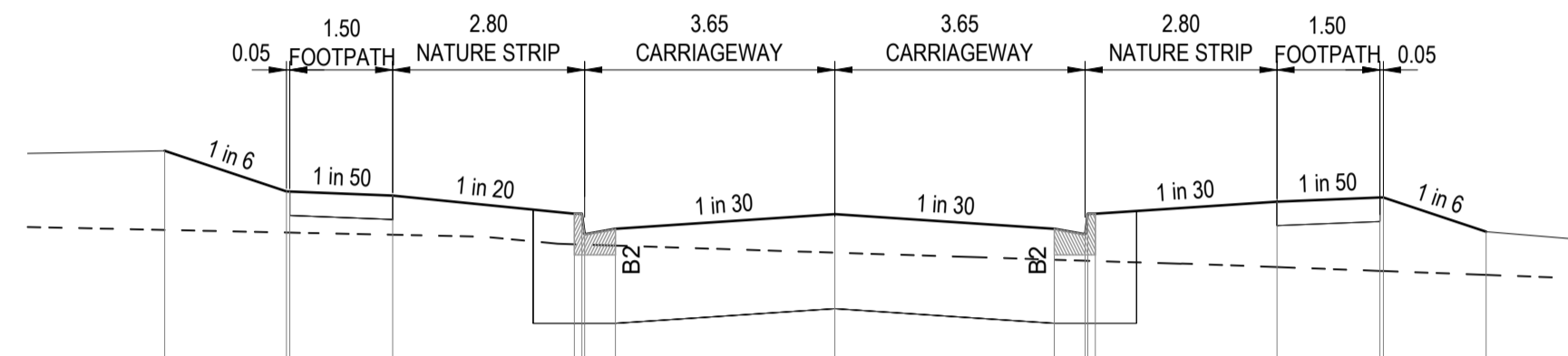
DATUM 117.50	
DESIGN SURFACE	119.33
EXISTING SURFACE	119.42
OFFSET	-9.50

RICE FLOWER CRESCENT CH. 117.63



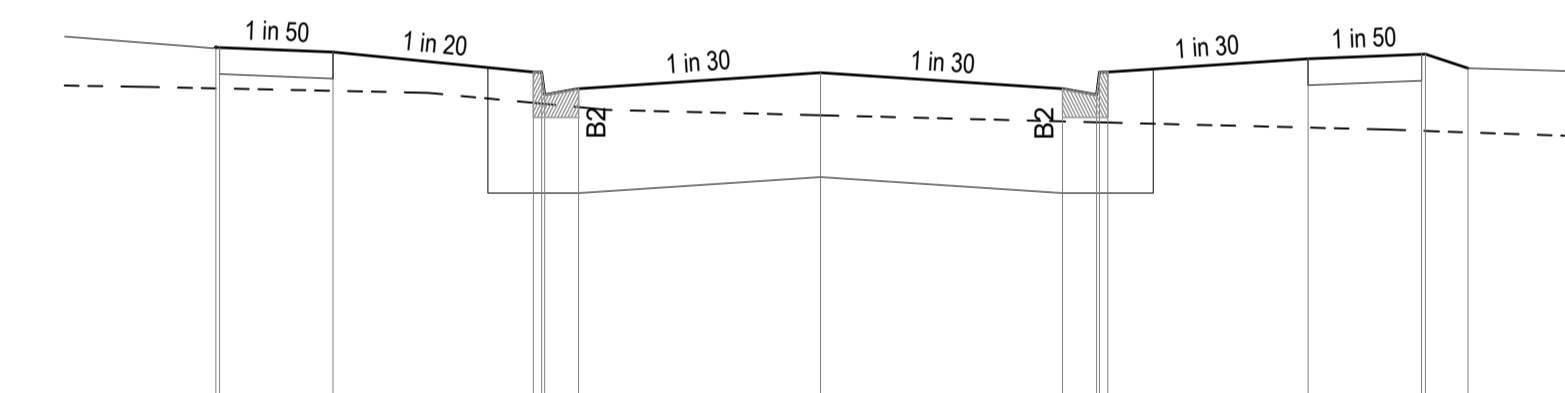
DATUM 117.00	
DESIGN SURFACE	119.33
EXISTING SURFACE	118.79
OFFSET	-9.50

SWEET WAY CH. 70.32



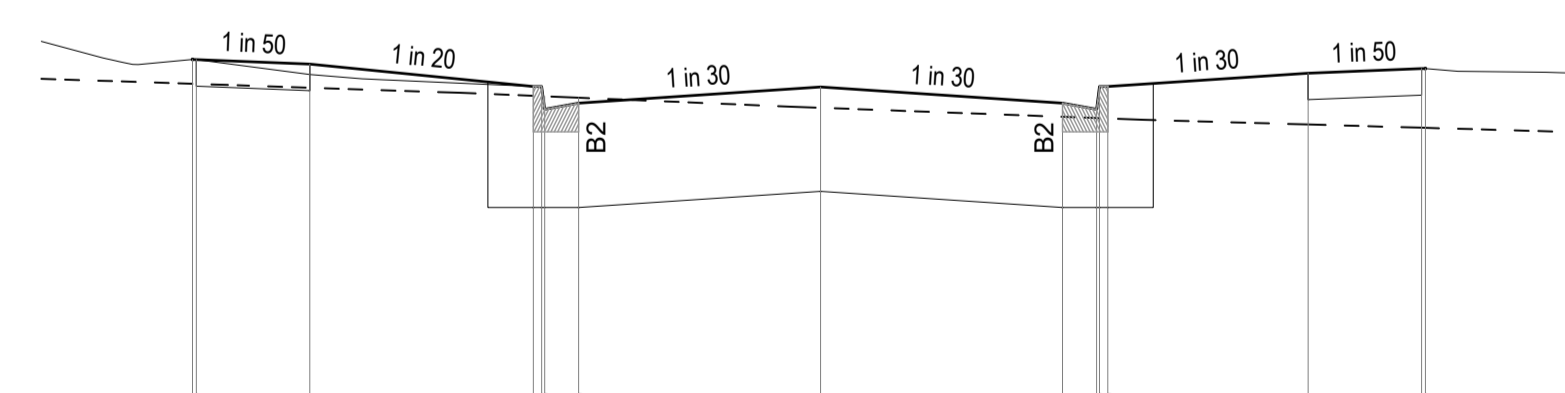
DATUM 117.00	
DESIGN SURFACE	119.28
EXISTING SURFACE	118.71
OFFSET	-9.78

SWEET WAY CH. 52.03



DATUM 116.50	
DESIGN SURFACE	118.91
EXISTING SURFACE	118.64
OFFSET	-8.00

SWEET WAY CH. 36.32



DATUM 116.50	
DESIGN SURFACE	118.81
EXISTING SURFACE	118.65
OFFSET	-8.31

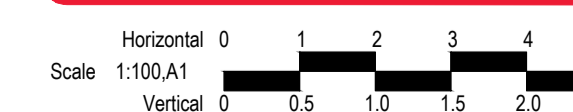
SWEET WAY CH. 13.11

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

LEGEND:

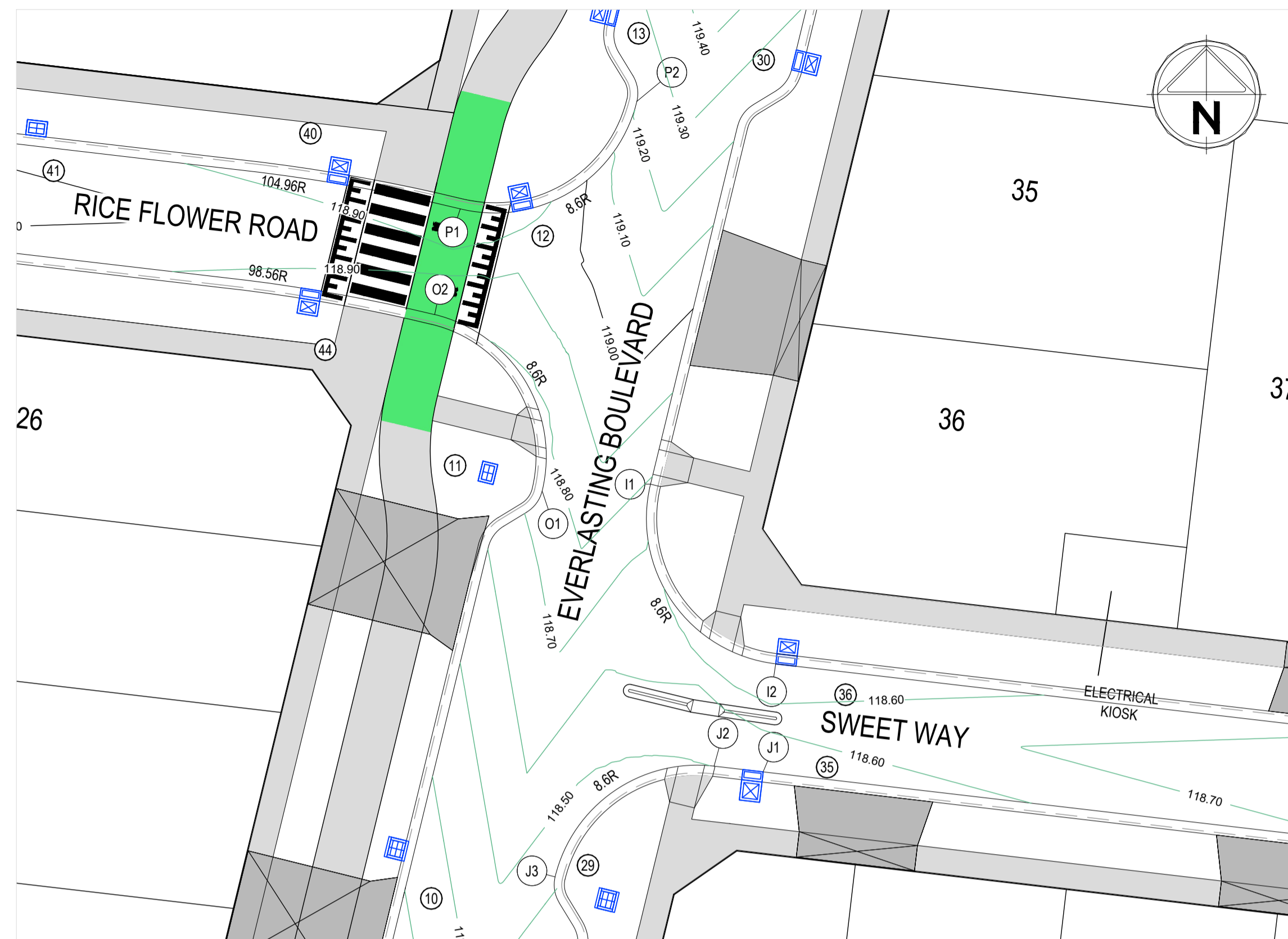
- DESIGN CL SURFACE LEVEL
- - - EXISTING SURFACE
- ▭ ROAD BOXING
- ▨ SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

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 FILE: J11245_Workspace\06\AUMEL\SC01\13641_852\PM2 DESIGN\G1 DESIGN\ACAD\13641-RD4-XS.dwg LAYOUT: RD4-05 PLOTTED BY: Tanjula Max PLOT DATE: 25/11/2023 4:51 PM

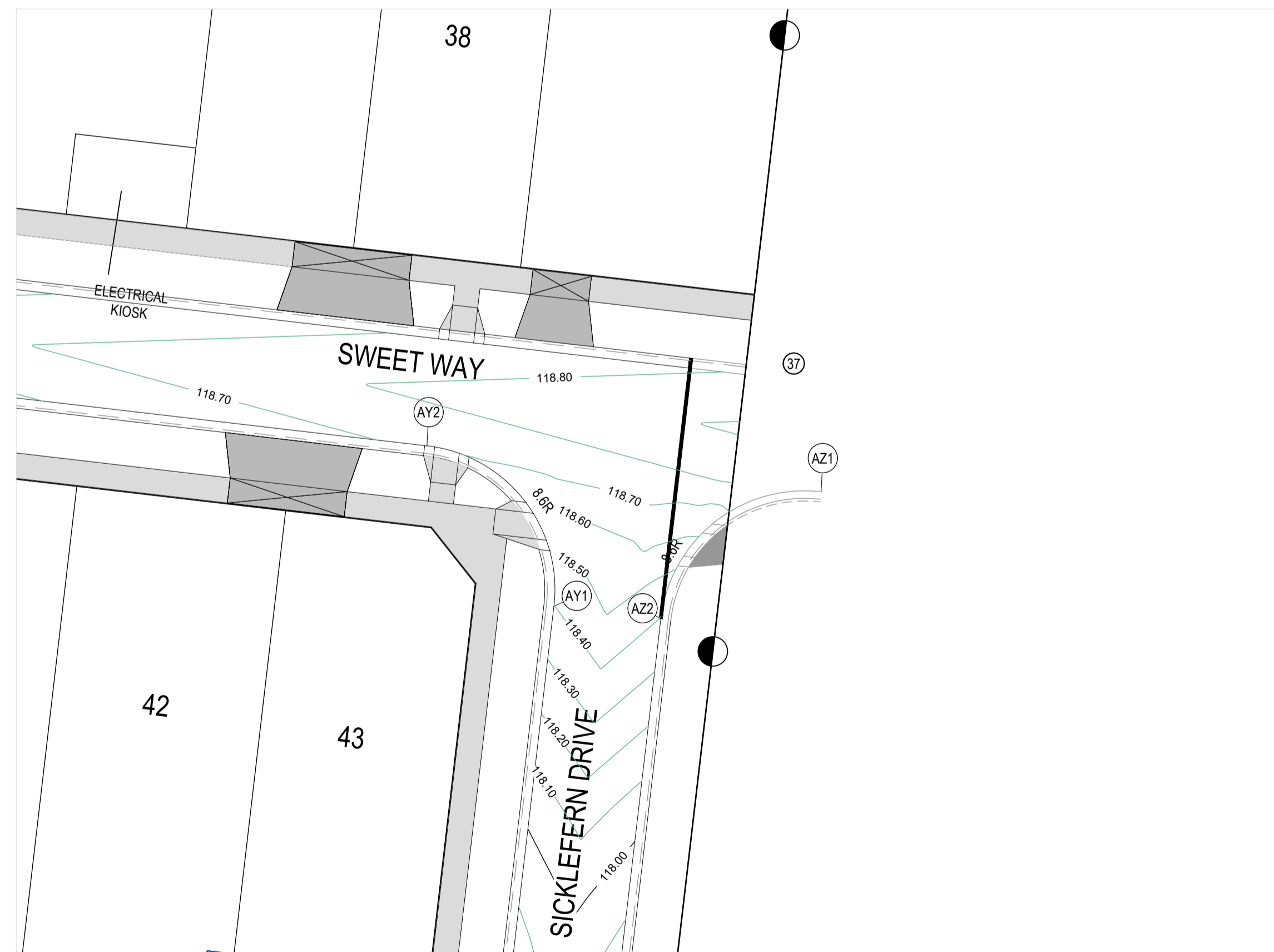


PM	A. CHUDLEIGH
DESIGNED	19.04.21
CHECKED	19.04.21
AUTHORISED	15.07.21
MELBURN	343 E7
STATUS	PS848376X

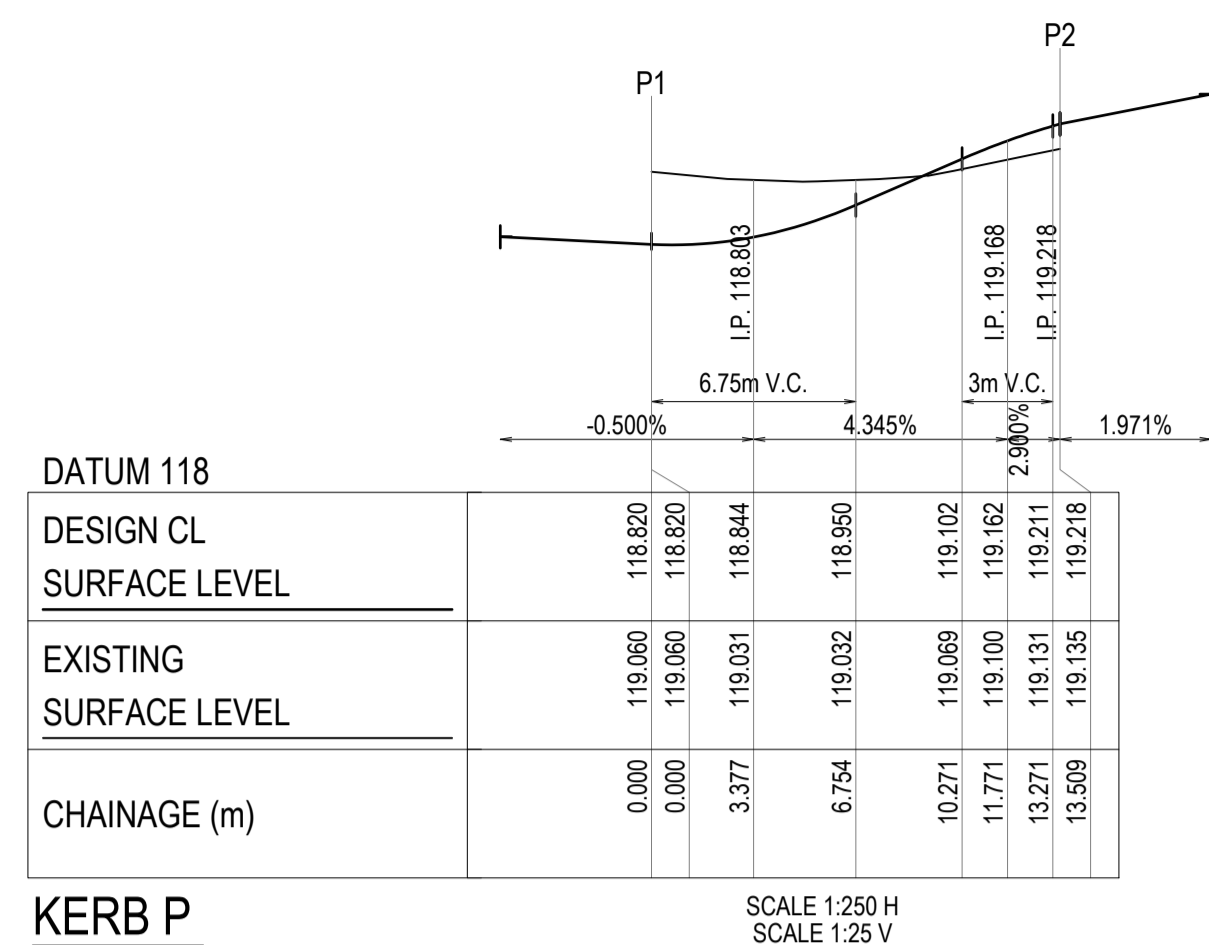
ELLERTON ESTATE
 STAGE 1
 CITY OF MELTON
 ROAD CROSS SECTIONS - 4



INTERSECTION DETAIL
RICE FLOWER ROAD, EVERLASTING BOULEVARD & SWEET WAY
SCALE 1:250

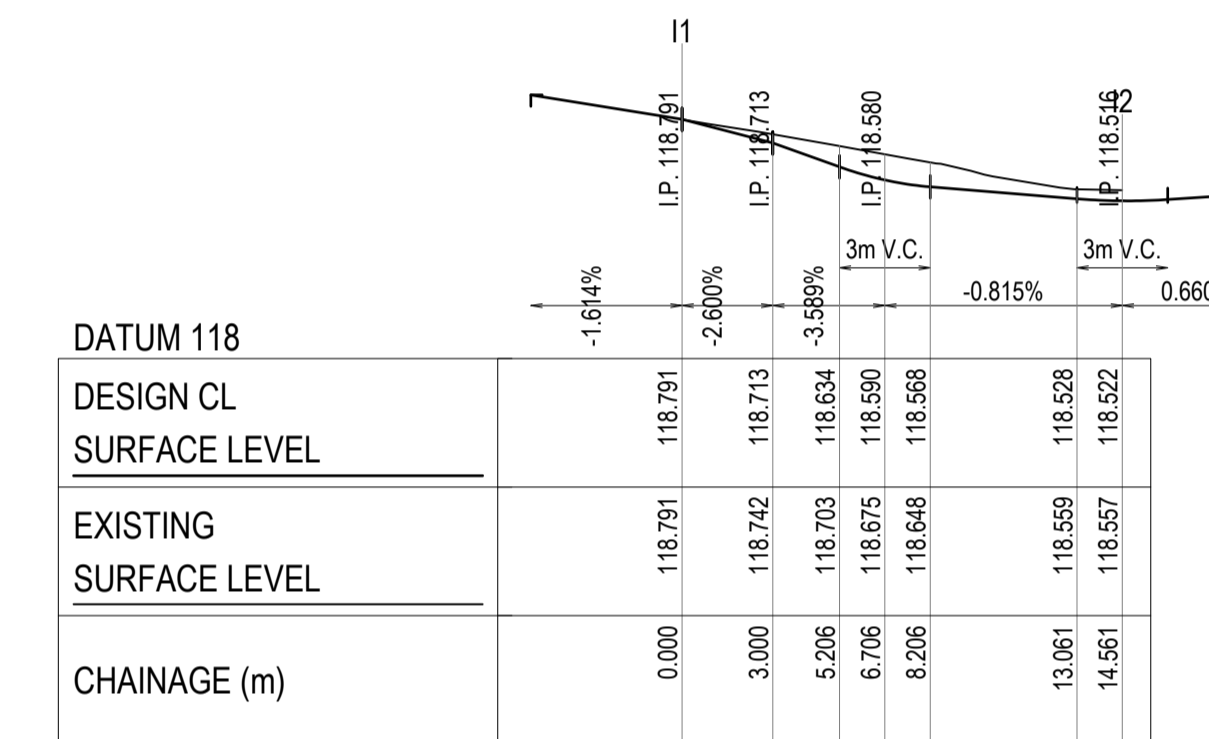


INTERSECTION DETAIL
SWEET WAY & SICKLEFERN DRIVE
SCALE 1:250



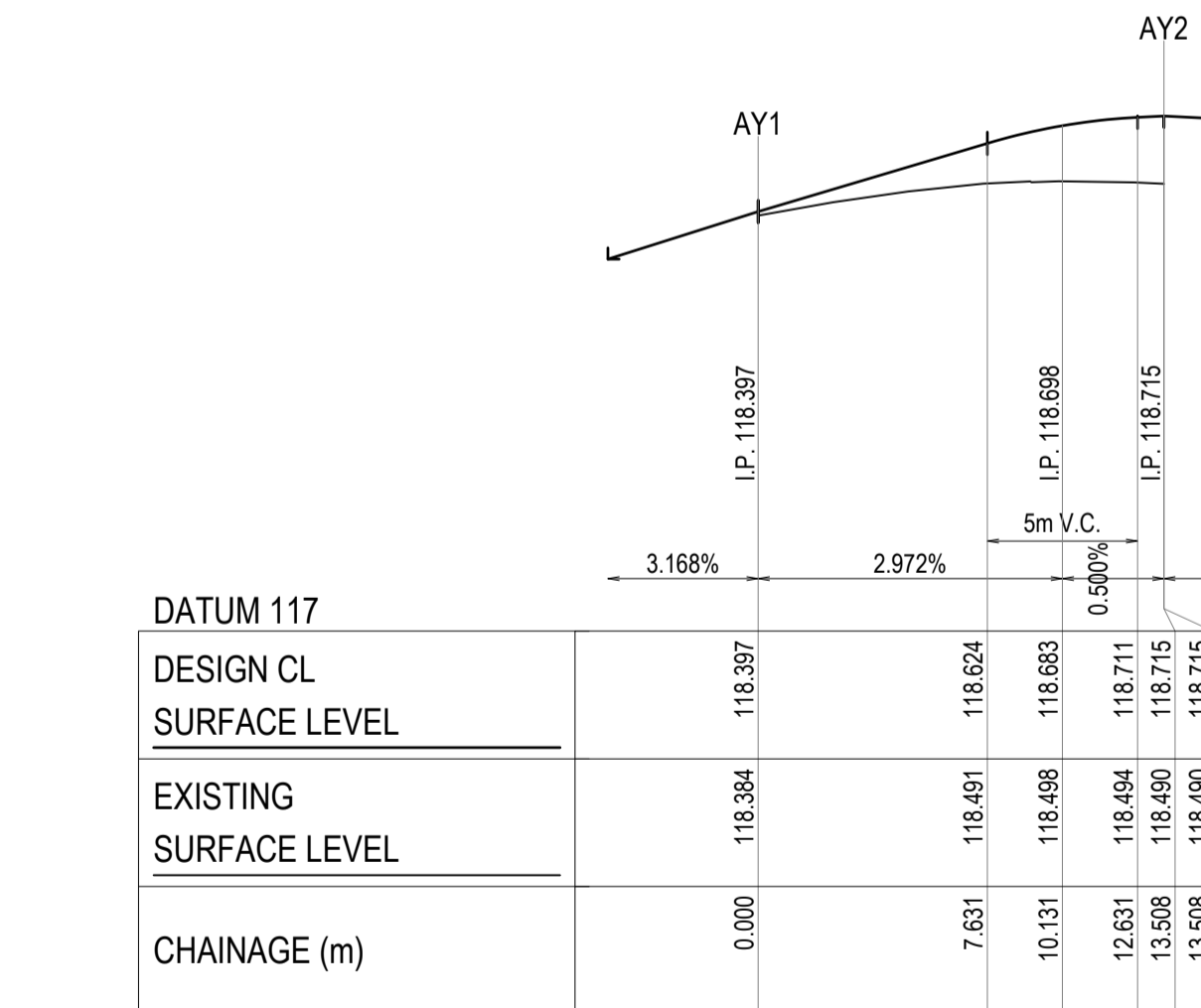
KERB P

SCALE 1:250 H
SCALE 1:25 V



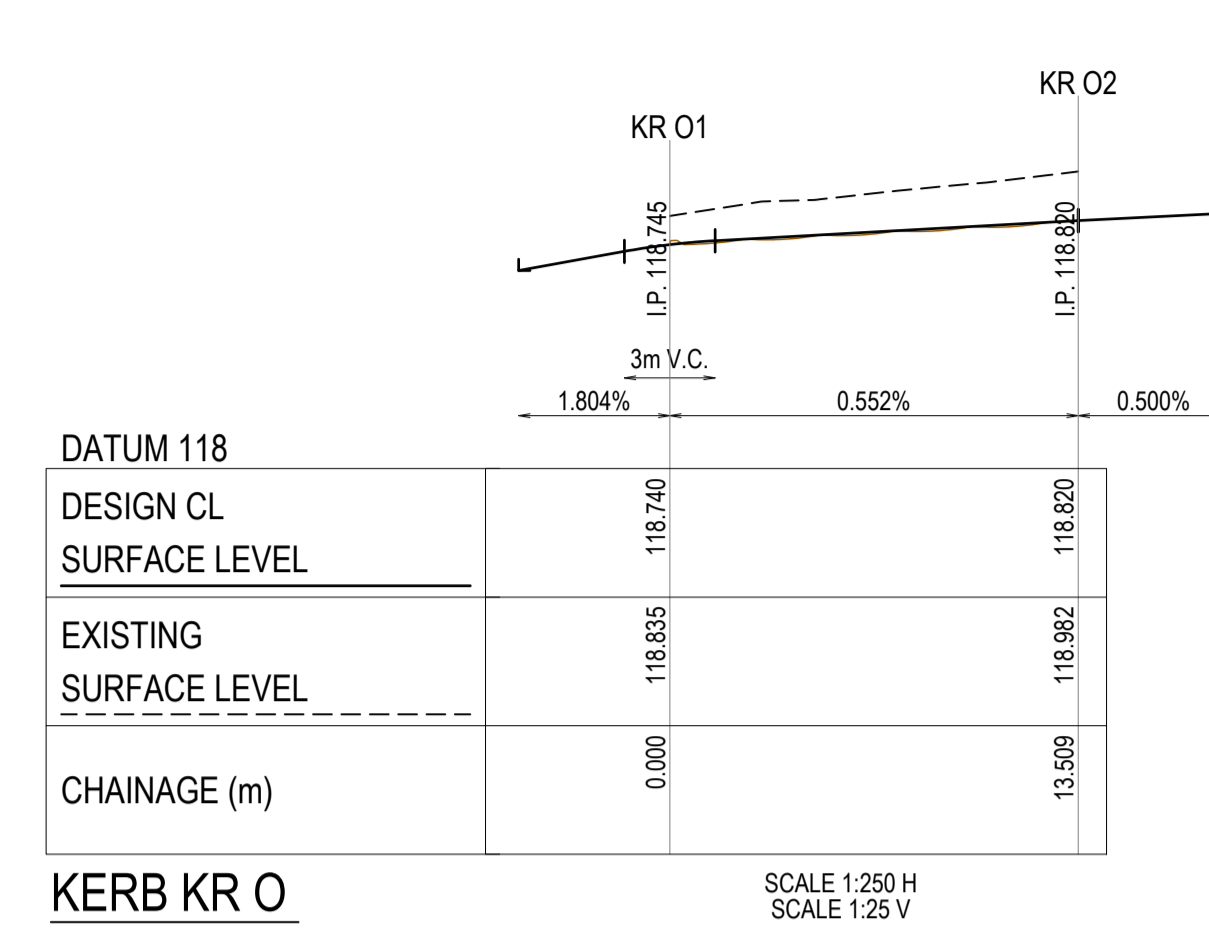
KERB I

SCALE 1:250 H
SCALE 1:25 V



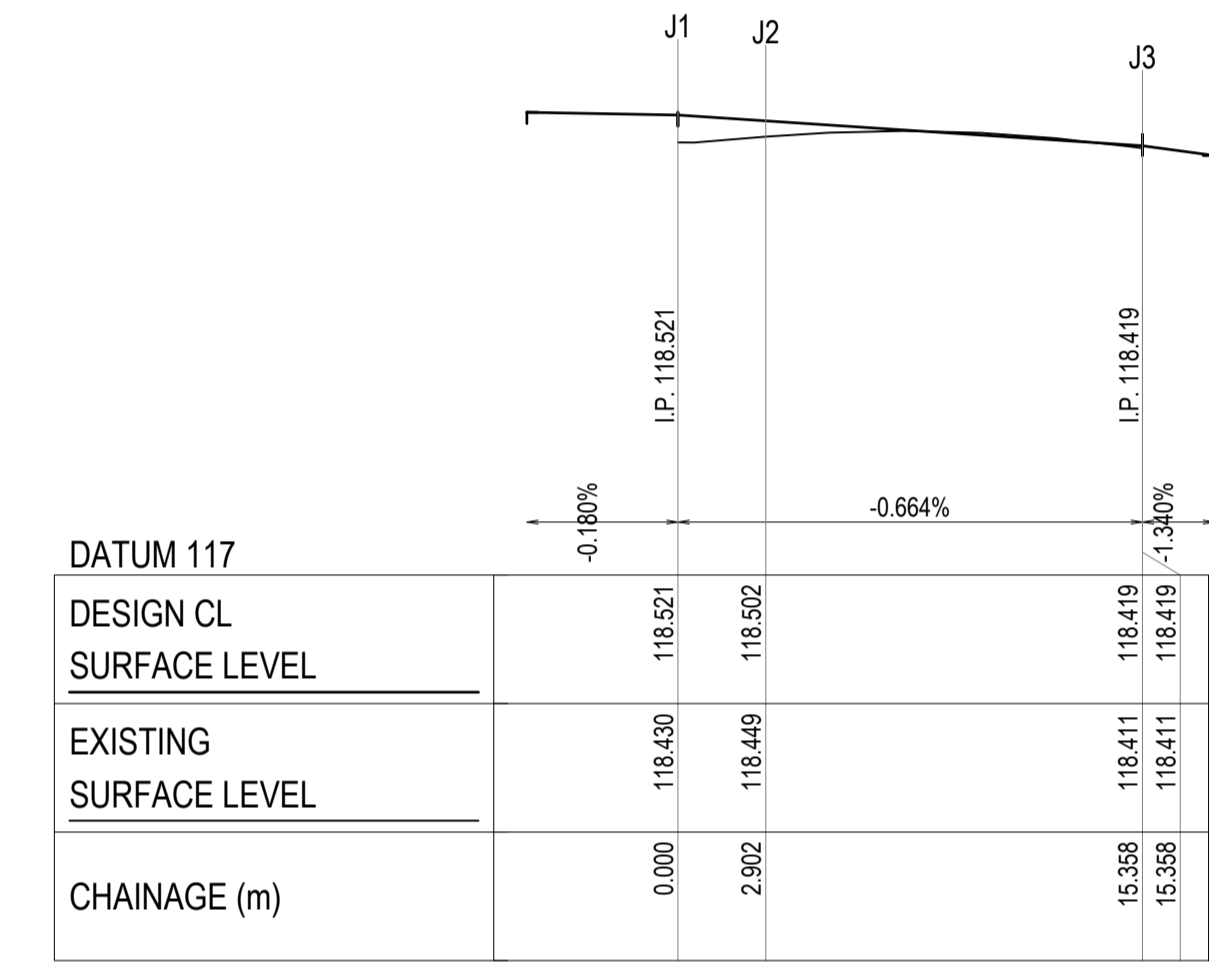
KERB AY

SCALE 1:250 H
SCALE 1:25 V



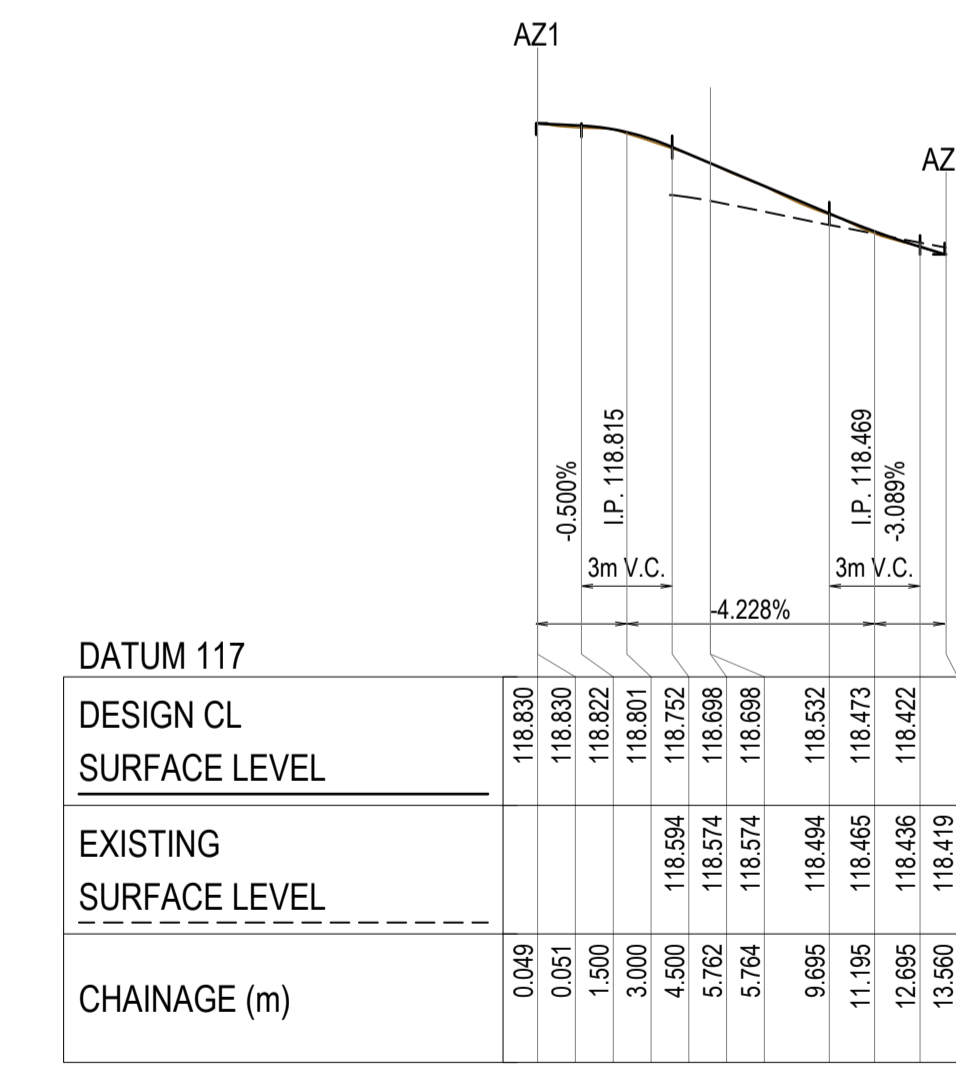
KERB KR O

SCALE 1:250 H
SCALE 1:25 V



KERB J

SCALE 1:250 H
SCALE 1:25 V

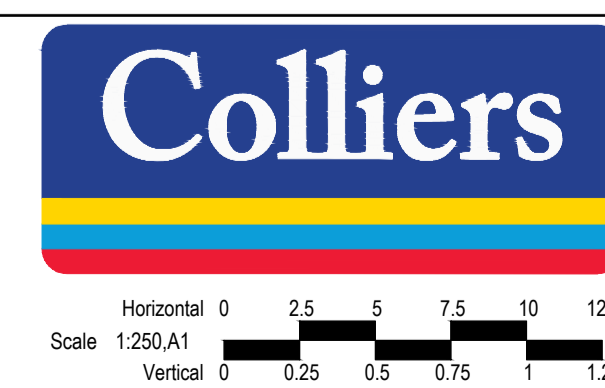


KERB KR AZ

SCALE 1:250 H
SCALE 1:25 V

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

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 FILE: J11245_Workspace\01\AUMEL_SCA\0113421_852\PM02 DESIGN\01 DESIGN\ACAD\136401-RD5-IN.dwg LAYOUT: RD5-01 PLOTTED BY: T.Barbour Max PLOT DATE: 25/12/2023 4:51 PM

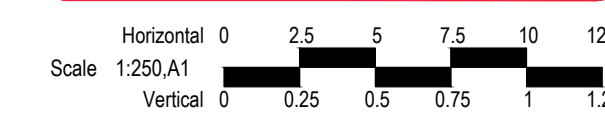


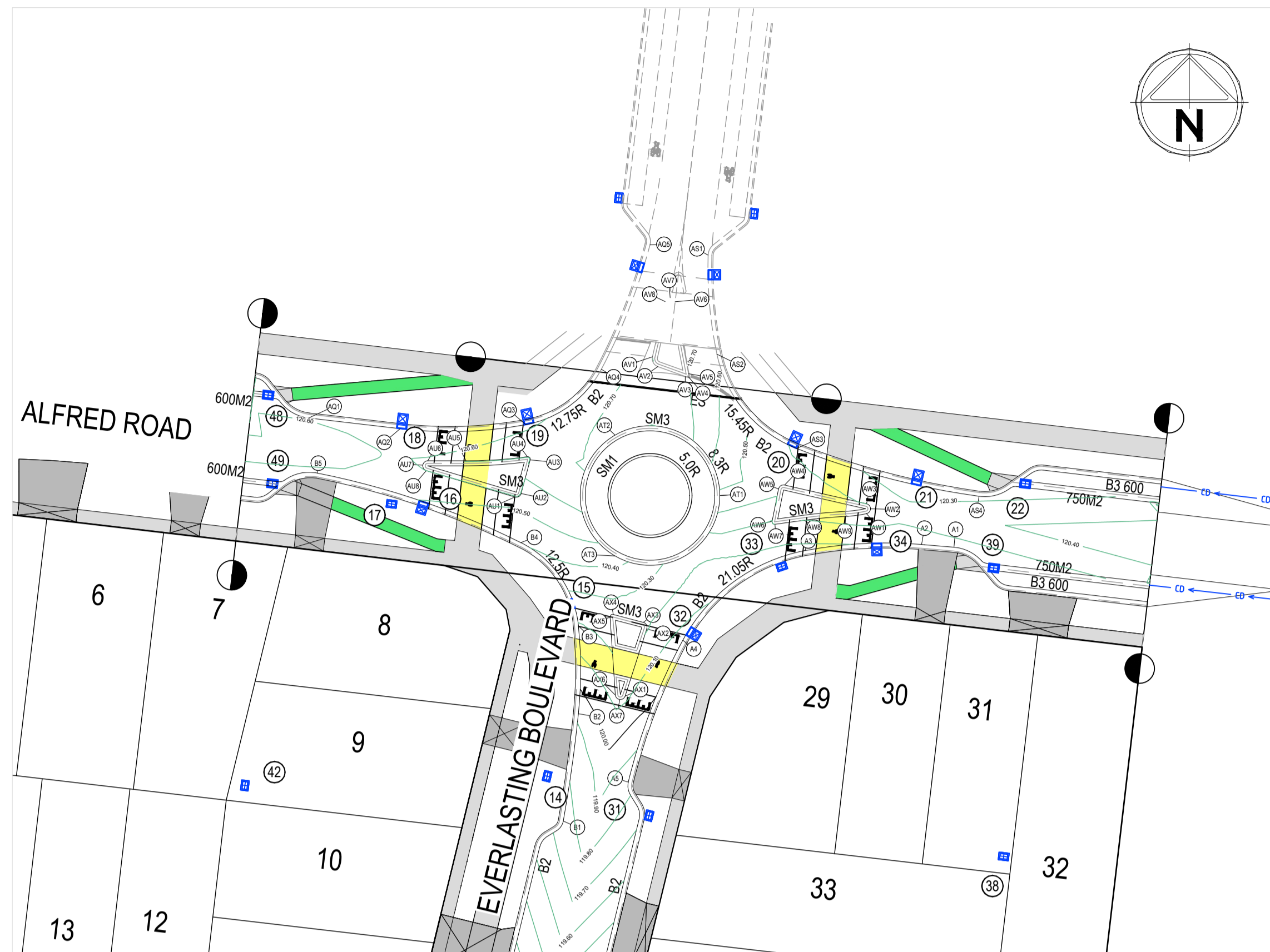
PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOUR	
CHECKED	19.04.21
S.FALKENSTEIN	
AUTHORISED	15.07.21
A.CHUDLEIGH	
MELWAYS	343 E7
POSTAL	PS848376X
STATUS:	

ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
 INTERSECTION DETAILS - 1

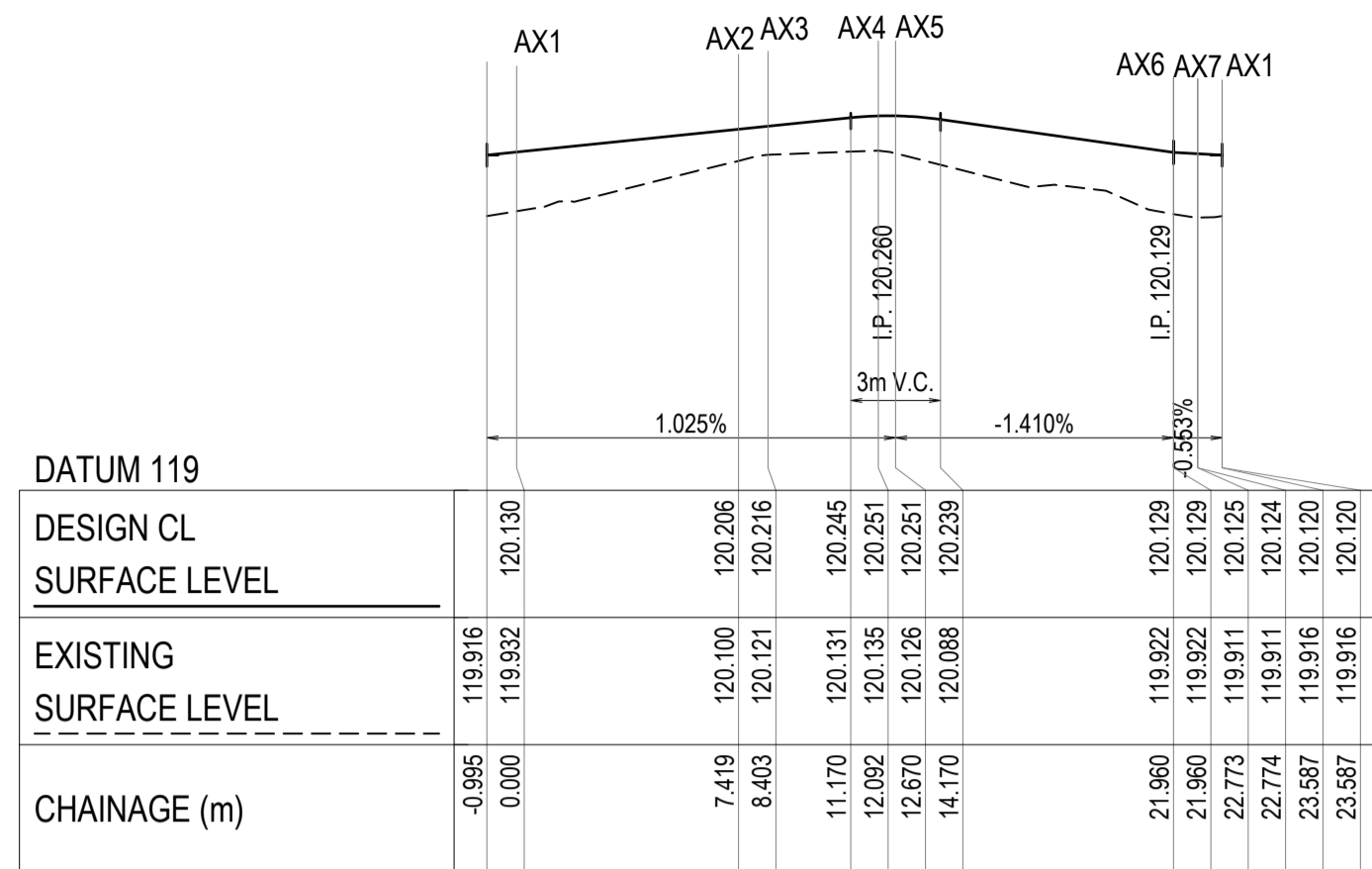
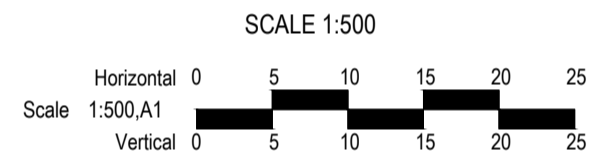
CONSTRUCTION 136401RD12

REVISIONS: 3



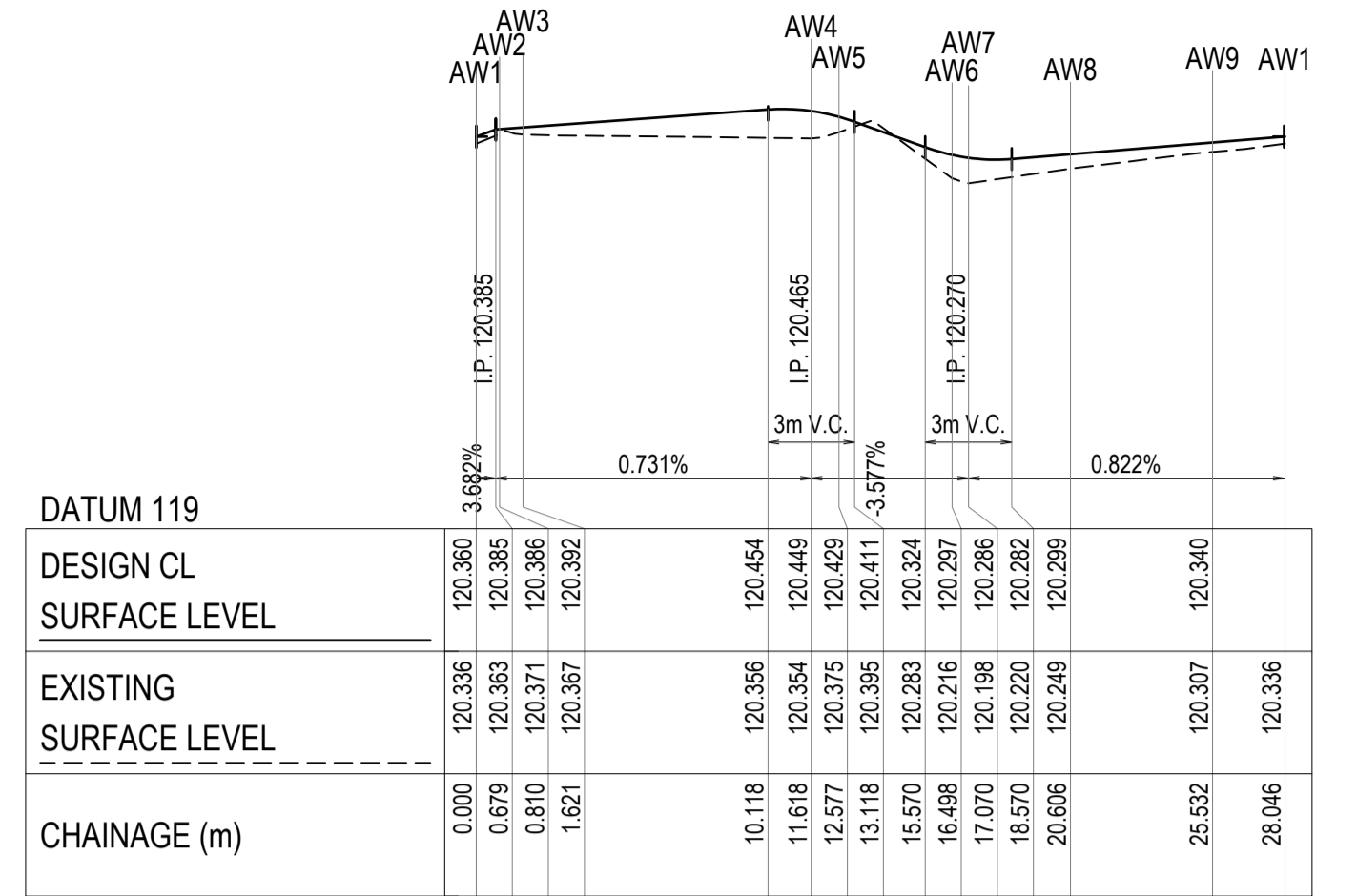


INTERSECTION DETAIL
ALFRED ROAD AND EVERLASTING BOULEVARD



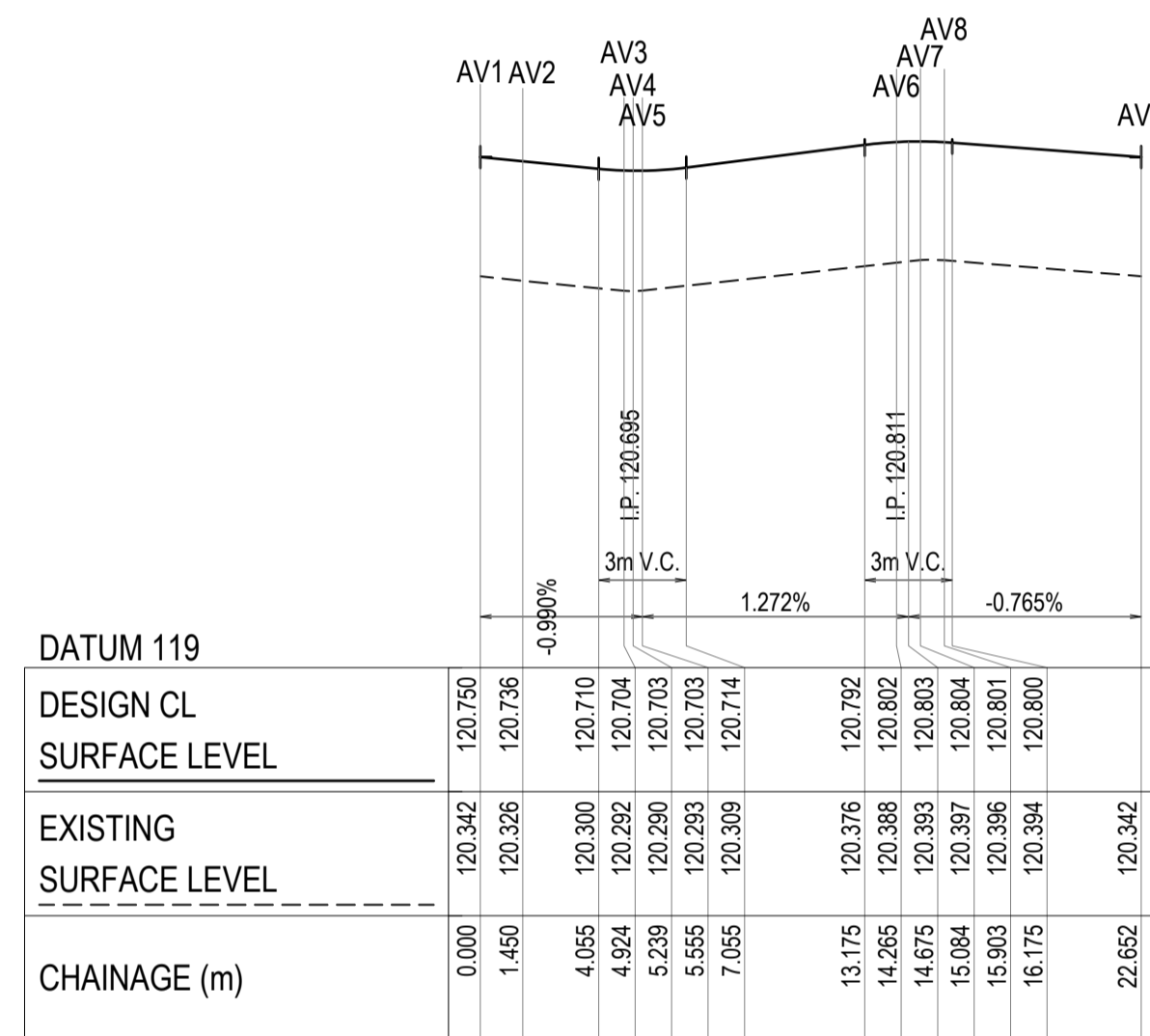
KERB AX

SCALE 1:250 H
SCALE 1:25 V



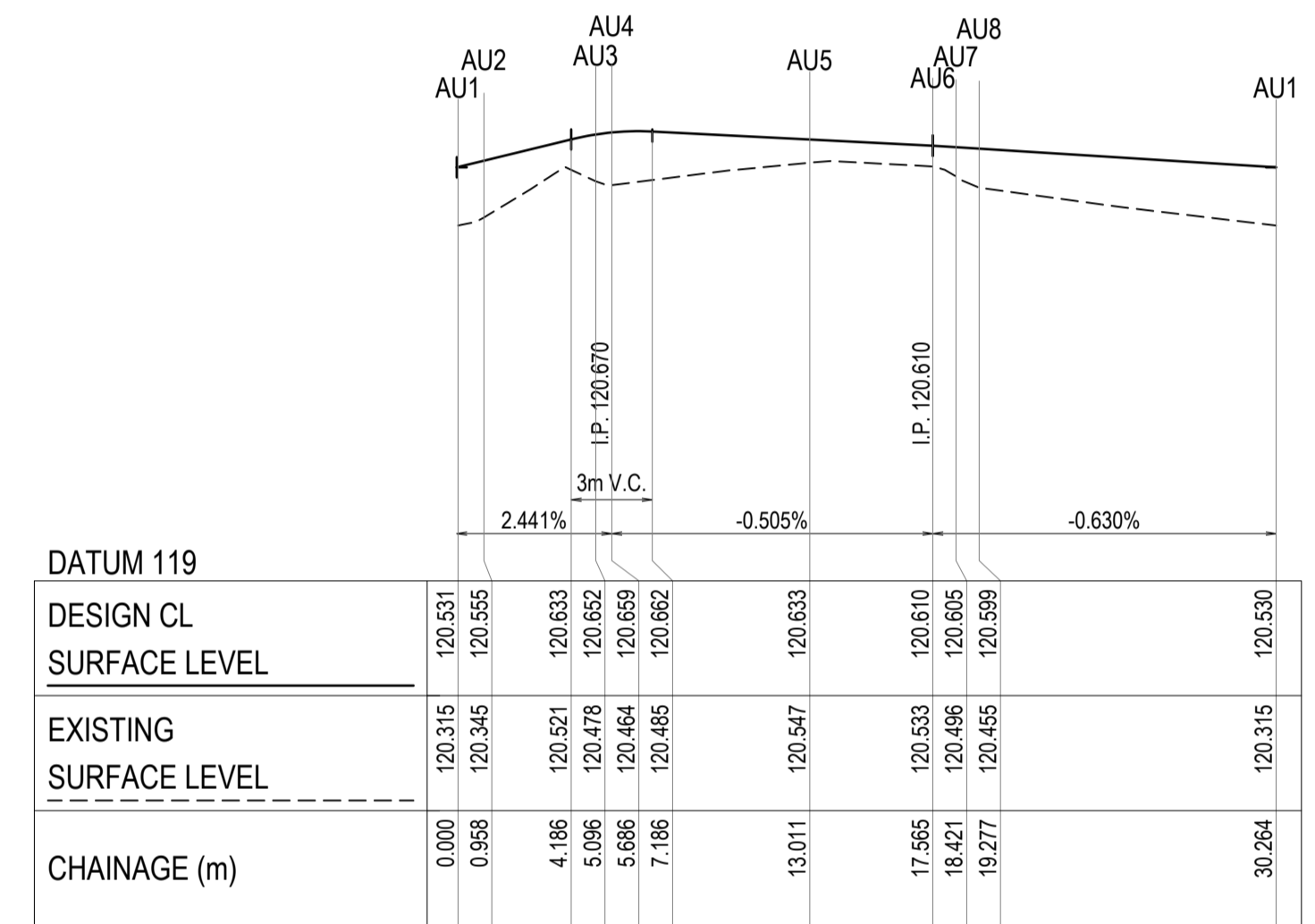
KERB AW

SCALE 1:250 H
SCALE 1:25 V



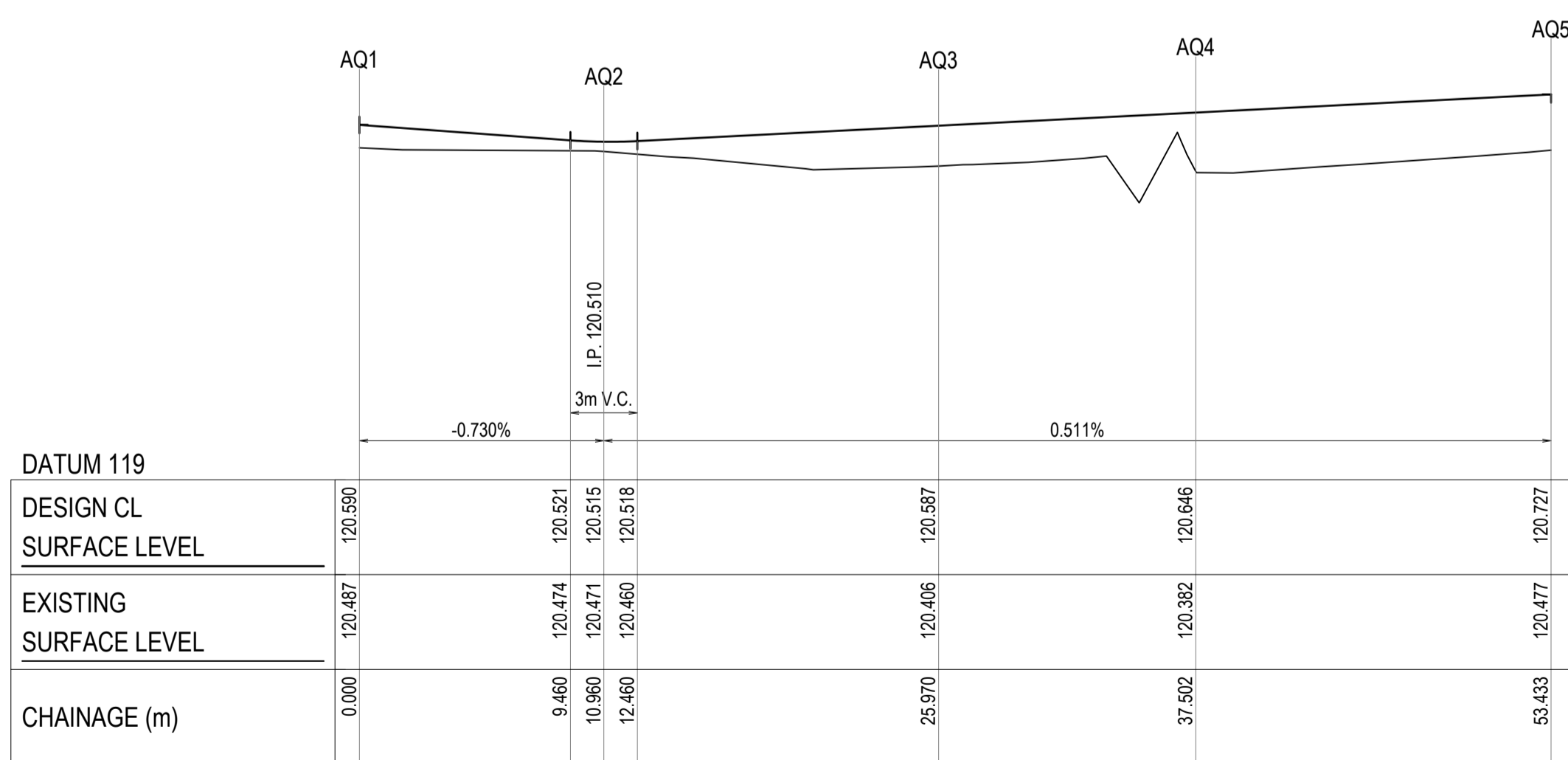
KERB AV

SCALE 1:250 H
SCALE 1:25 V



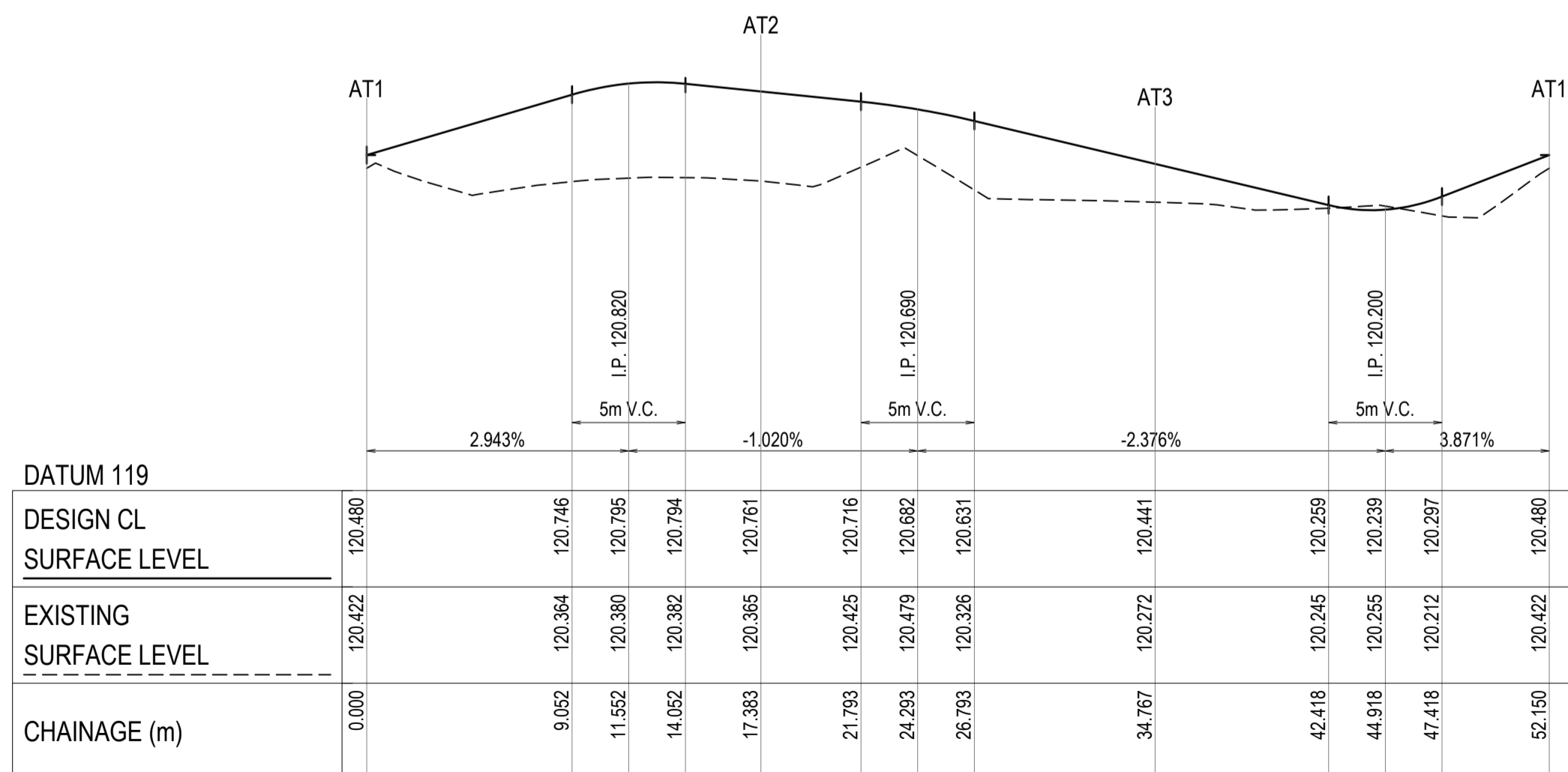
KERB AU

SCALE 1:250 H
SCALE 1:25 V



KERB AQ

SCALE 1:250 H
SCALE 1:25 V



KERB AT

SCALE 1:250 H
SCALE 1:25 V

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

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 FILE: J11245_Workspace\09\AUMEL_S2\0113421_852\PM2 DESIGN\01 DESIGN\ACAD\136401-RD5-IN.dwg LAYOUT: RD5-02 PLOTTED BY: T.Barbour Max PLOT DATE: 25/12/2023 4:51 PM



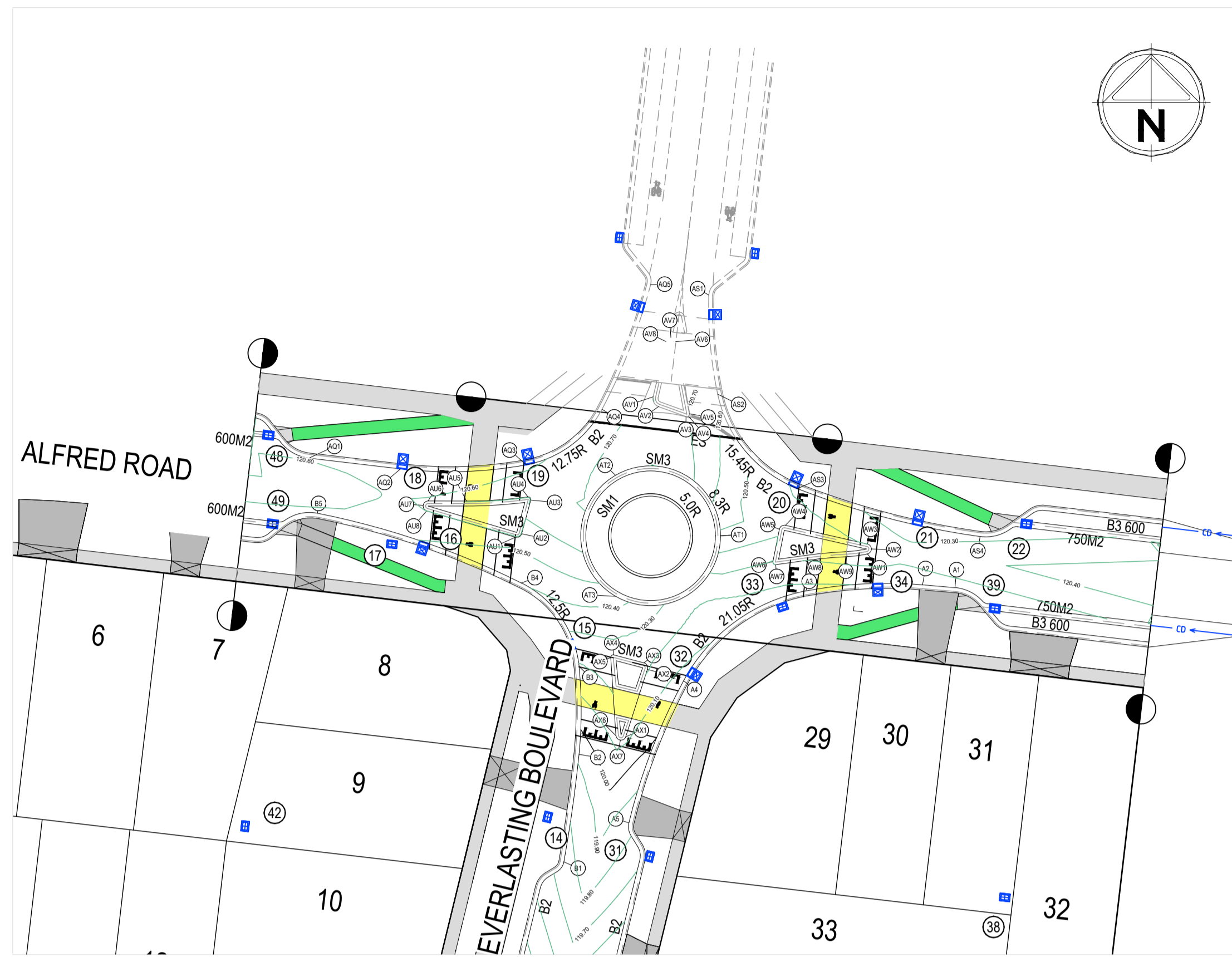
PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOUR	
CHECKED	19.04.21
S.FALKENSTEIN	
AUTHORISED	15.07.21
A.CHUDLEIGH	
MELWAYS	343 E7
POS No:	PS848376X
STATUS:	

ELLERTON ESTATE
STAGE 1
CITY OF MELTON
INTERSECTION DETAILS - 2

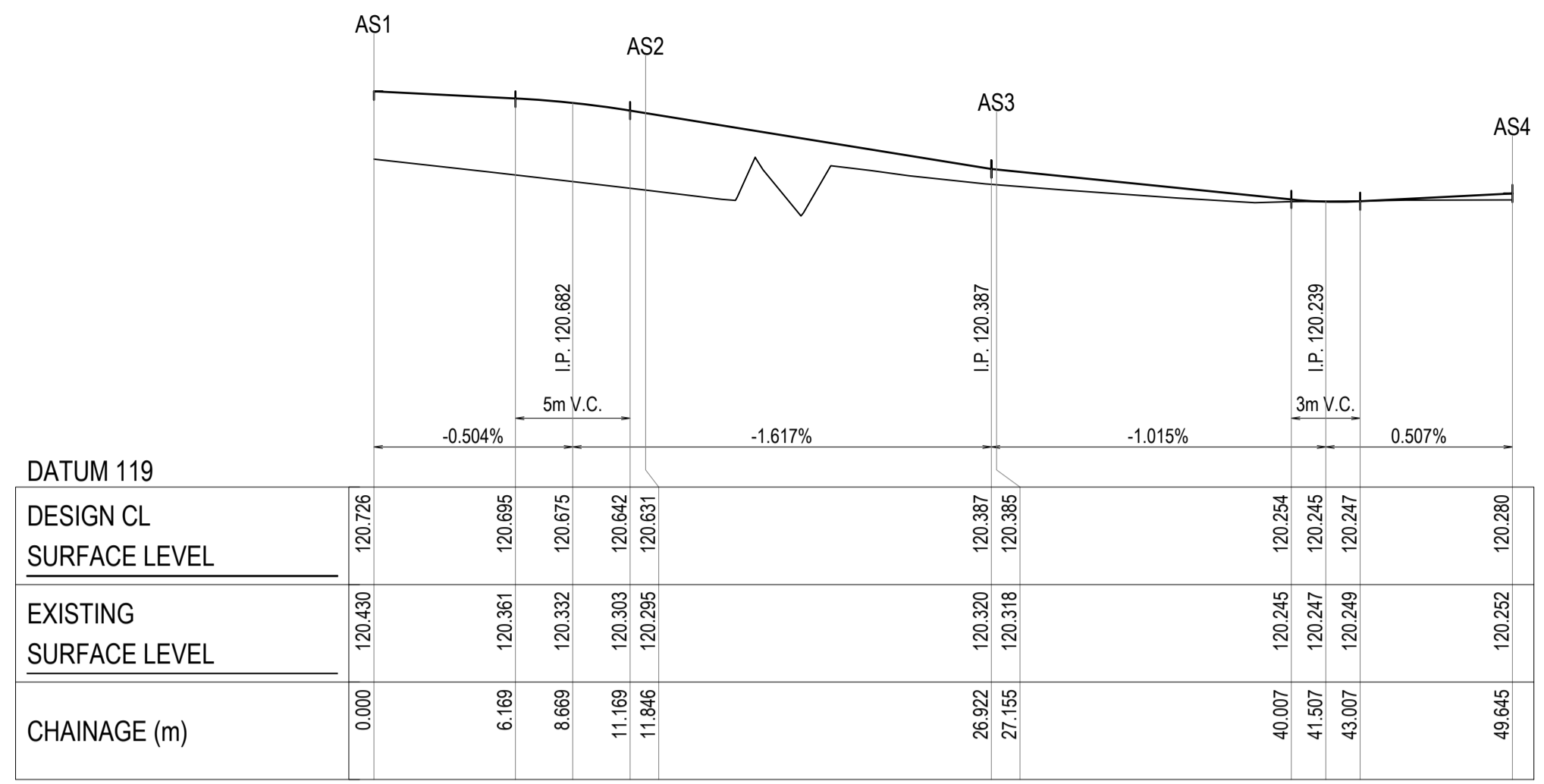
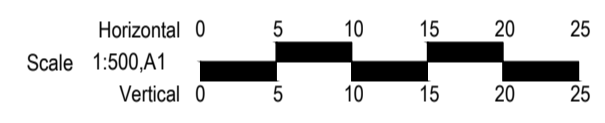
CONSTRUCTION

136401RD13

SHEET No: 13 OF 26
REV. 3

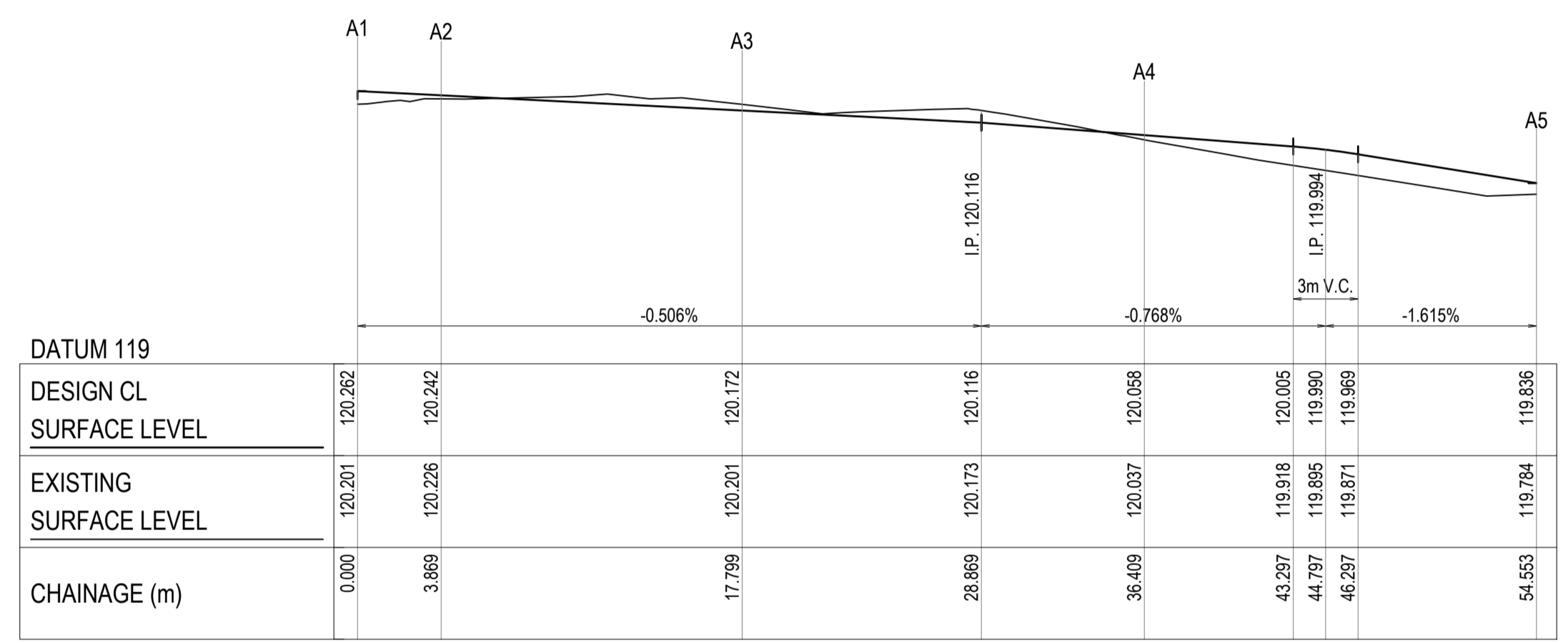


INTERSECTION DETAIL
ALFRED ROAD AND EVERLASTING BOULEVARD
SCALE 1:500



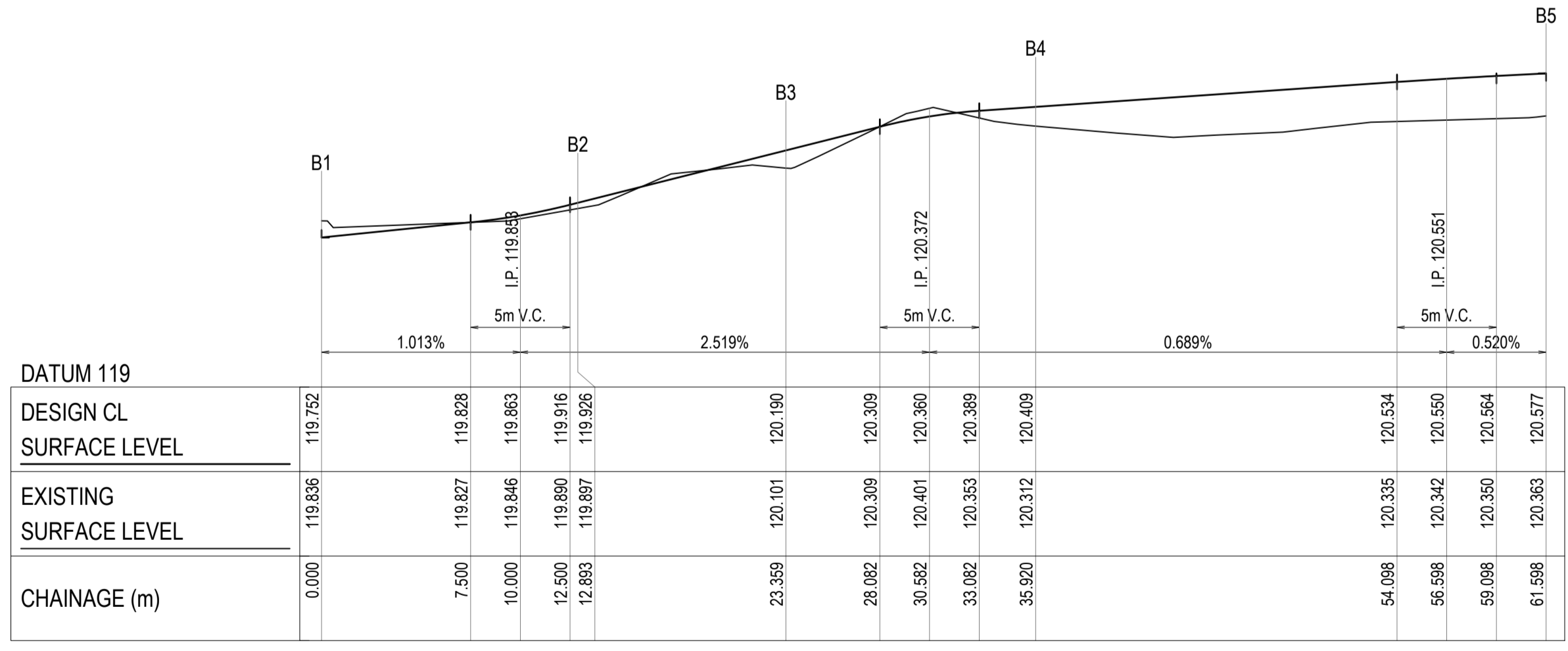
KERB AS

SCALE 1:250 H
SCALE 1:25 V



KERB A

SCALE 1:250 H
SCALE 1:25 V

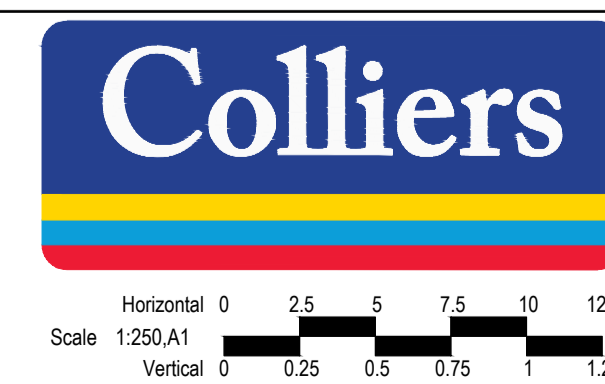


KERB B

SCALE 1:250 H
SCALE 1:25 V

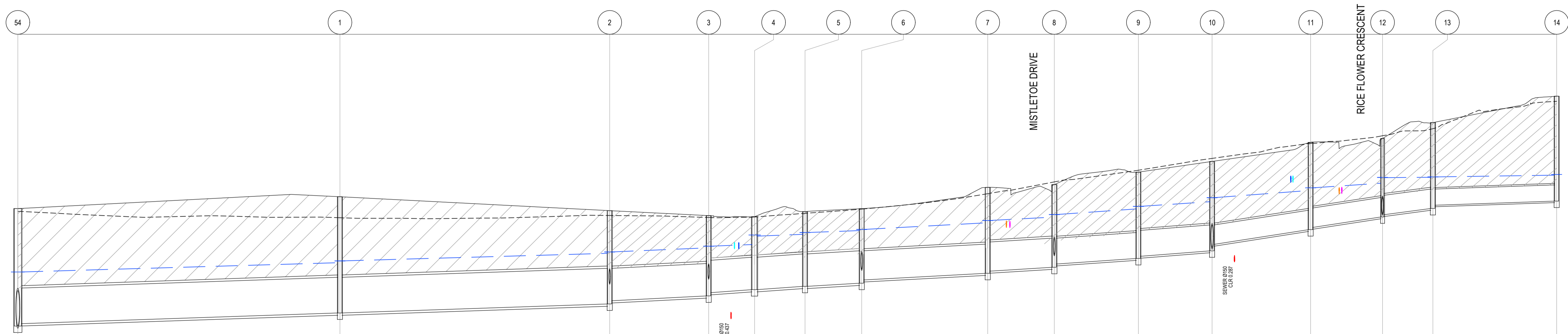
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22
REV.	AMENDMENTS	APP'D	DATE

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FILE: J11245_Workspace\09\AJM\ELSCA\01136401_862\PM02 DESIGN\01 DESIGN\ACAD\136401-RD5-IN.dwg LAYOUT: RD5-03 PLOTTED BY: Tarabita_Mix PLOT DATE: 25/12/2023 4:51 PM



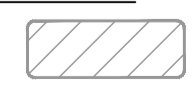
PM A. CHUDLEIGH
DESIGNED 19.04.21
T.BARBOUR
CHECKED 19.04.21
S.FALKENSTEIN
AUTHORISED 15.07.21
A.CHUDLEIGH
MELBAYS 343 E7
POS No: PS848376X
STATUS:

ELLERTON ESTATE
STAGE 1
CITY OF MELTON
INTERSECTION DETAILS - 3

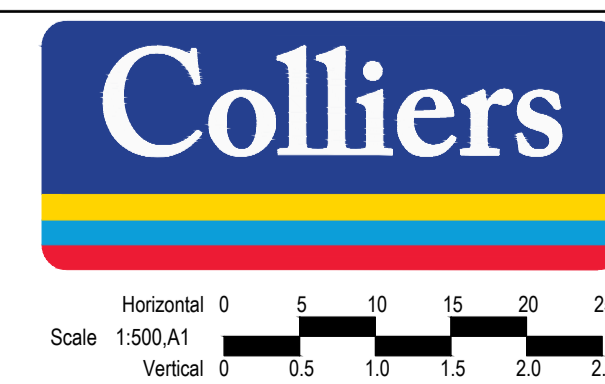


PIPE DIAMETER & TYPE	825Ø Class 2 RRJ RCP	825Ø Class 2 RRJ RCP	750Ø Class 2 RRJ RCP	750Ø Class 2 RRJ RCP	750Ø Class 2 RRJ RCP	750Ø Class 2 RRJ RCP	675Ø Class 2 RRJ RCP	675Ø Class 2 RRJ RCP	600Ø Class 2 RRJ RCP	600Ø Class 2 RRJ RCP	450Ø Class 2 RRJ RCP	450Ø Class 2 RRJ RCP	450Ø Class 2 RRJ RCP	375Ø Class 2 RRJ RCP	
DESIGN DISCHARGE (l/sec)	771	761	714	671	671	660	609	595	503	488	244	228	80	66	
GRADE	1 in 300	1 in 300	1 in 205	1 in 151	1 in 153	1 in 180	1 in 190	1 in 172	1 in 150	1 in 135	1 in 67	1 in 68	1 in 80	1 in 300	
PIPE CAPACITY (l/sec)	829	829	778	908	901	830	610	642	501	529	349	346	319	101	
VELOCITY (m/sec)	1.55	1.55	1.76	2.05	2.04	1.88	1.70	1.79	1.77	1.87	2.19	2.17	2.01	0.92	
DATUM LEVEL	112.00														
DEPTH TO INVERT BELOW FINISHED SURFACE	2.72	2.69	2.16	1.86	1.69	1.73	1.99	1.94	2.00	1.95	2.07	1.92	1.82	2.43	
HYDRAULIC GRADE LINE	115.84	116.16	116.33	116.46	116.53	116.77	117.04	117.17	117.36	117.53	117.78	117.85	118.09	118.14	
DESIGN INVERT LEVEL	114.65	114.95	115.16	115.35	115.49	115.57	115.87	116.01	116.21	116.39	116.61	116.83	117.17	117.54	
FINISHED SURFACE LEVEL	117.37	117.64	117.32	117.20	117.18	117.30	117.86	117.92	118.25	118.46	118.53	118.90	119.05	119.37	
EXISTING SURFACE LEVEL	117.30	117.15	117.21	117.16	117.17	117.26	117.71	117.98	118.25	118.53	118.88	119.05	119.22	119.85	
CHAINAGE	0.00	74.46	136.81	159.69	170.31	181.95	195.06	224.19	239.58	259.01	276.05	298.83	315.44	327.09	355.70
	(74.449)	(62.360)	(22.877)	(10.622)	(11.645)	(13.107)	(29.126)	(15.389)	(19.433)	(17.041)	(22.776)	(16.616)	(11.647)	(28.613)	

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

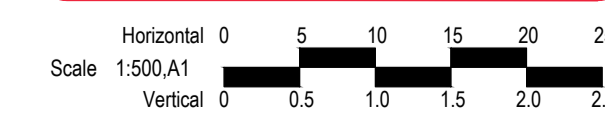
LEGEND:
 CRUSHED ROCK BACKFILL

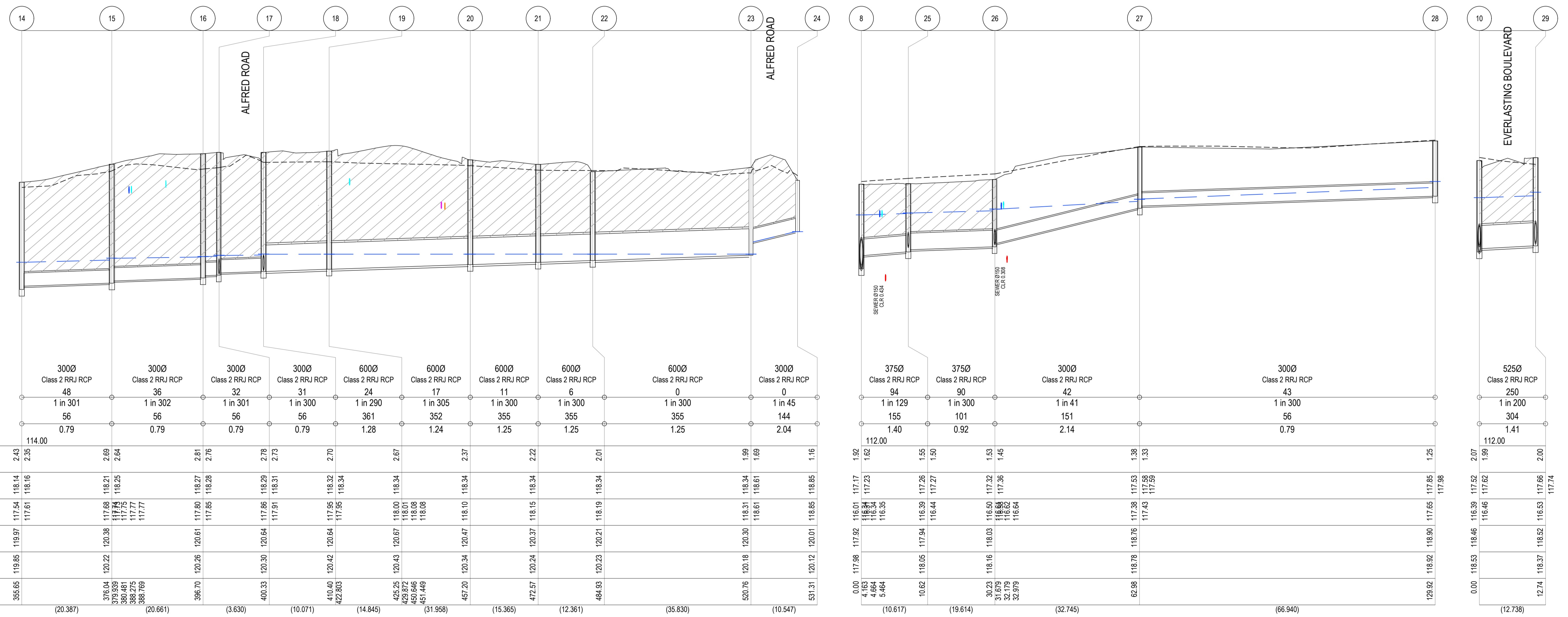
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 FILE: J:\12\65_Workspace\01\01\01\13401_862\PM02_DESIGN\01_DESIGN\ACAD\13401-RD6-RD6.dwg LAYOUT: RD6-01 PLOTTED BY: Tanabata_Max PLOT DATE: 25/1/2023 4:51 PM



PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOUR	
CHECKED	19.04.21
S.FALKENSTEIN	
AUTHORISED	15.07.21
A.CHUDLEIGH	
MELWAYS	343 E7
POS No:	PS848376X
STATUS:	CONSTRUCTION

**ELLERTON ESTATE
 STAGE 1
 CITY OF MELTON
 DRAINAGE LONGITUDINAL SECTIONS - 1**





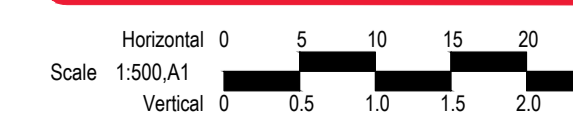
PIPE DIAMETER & TYPE	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	6000 Class 2 RRJ RCP	6000 Class 2 RRJ RCP	6000 Class 2 RRJ RCP	6000 Class 2 RRJ RCP	6000 Class 2 RRJ RCP	6000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP						
DESIGN DISCHARGE (l/sec)	48	36	32	31	24	17	11	6	0	0	0						
GRADE	1 in 301	1 in 302	1 in 301	1 in 300	1 in 290	1 in 305	1 in 300	1 in 300	1 in 300	1 in 300	1 in 45						
PIPE CAPACITY (l/sec)	56	56	56	56	361	352	355	355	355	144	144						
VELOCITY (m/sec)	0.79	0.79	0.79	0.79	1.28	1.24	1.25	1.25	1.25	1.25	2.04						
DATUM LEVEL	114.00																
DEPTH TO INVERT BELOW FINISHED SURFACE	2.43	2.33	2.69	2.64	2.81	2.76	2.78	2.73	2.70	2.67	2.37	2.22	2.01	1.99	1.69	1.16	
HYDRAULIC GRADE LINE	118.14	118.16	118.21	118.25	118.27	118.28	118.29	118.31	118.32	118.34	118.34	118.34	118.34	118.34	118.61	118.85	118.85
DESIGN INVERT LEVEL	117.54	117.61	117.68	117.74	117.80	117.85	117.86	117.91	117.95	118.00	118.04	118.04	118.04	118.04	118.61	118.85	118.85
FINISHED SURFACE LEVEL	119.97	120.38	120.38	120.38	120.61	120.64	120.64	120.64	120.64	120.67	120.70	120.70	120.70	120.70	120.70	120.70	120.70
EXISTING SURFACE LEVEL	119.95	120.22	120.30	120.30	120.26	120.30	120.30	120.30	120.30	120.43	120.47	120.47	120.47	120.47	120.47	120.47	120.47
CHAINAGE	355.65	376.04	380.881	388.275	396.70	400.33	410.40	422.803	425.25	429.824	431.449	457.20	472.57	484.93	520.76	531.31	
	(20.387)	(20.661)	(3.630)	(10.071)	(14.845)	(31.958)	(15.365)	(12.361)	(35.830)	(10.547)							

PIPE DIAMETER & TYPE	3750 Class 2 RRJ RCP	3750 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	5250 Class 2 RRJ RCP
DESIGN DISCHARGE (l/sec)	94	90	42	43	250
GRADE	1 in 129	1 in 300	1 in 41	1 in 300	1 in 200
PIPE CAPACITY (l/sec)	155	101	151	56	304
VELOCITY (m/sec)	1.40	0.92	2.14	0.79	1.41
DATUM LEVEL	112.00				
DEPTH TO INVERT BELOW FINISHED SURFACE	1.92	1.62	1.53	1.45	2.07
HYDRAULIC GRADE LINE	117.17	117.23	117.32	117.36	117.85
DESIGN INVERT LEVEL	116.01	116.39	116.50	116.62	117.65
FINISHED SURFACE LEVEL	117.99	117.94	118.03	118.00	119.92
EXISTING SURFACE LEVEL	117.99	117.94	118.03	118.00	119.92
CHAINAGE	4.163	10.62	30.23	62.96	123.92
	(10.617)	(19.614)	(32.745)	(66.940)	(127.738)

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

LEGEND:
 CRUSHED ROCK BACKFILL

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 FILE: J11265_Workspace\p01\01\13401_862\PM02_DESIGN\G01_DESIGN\ACAD\13401-R06-DR.dwg LAYOUT: R06-02 PLOTTED BY: Tanabata_Max PLOT DATE: 25/1/2023 4:51 PM



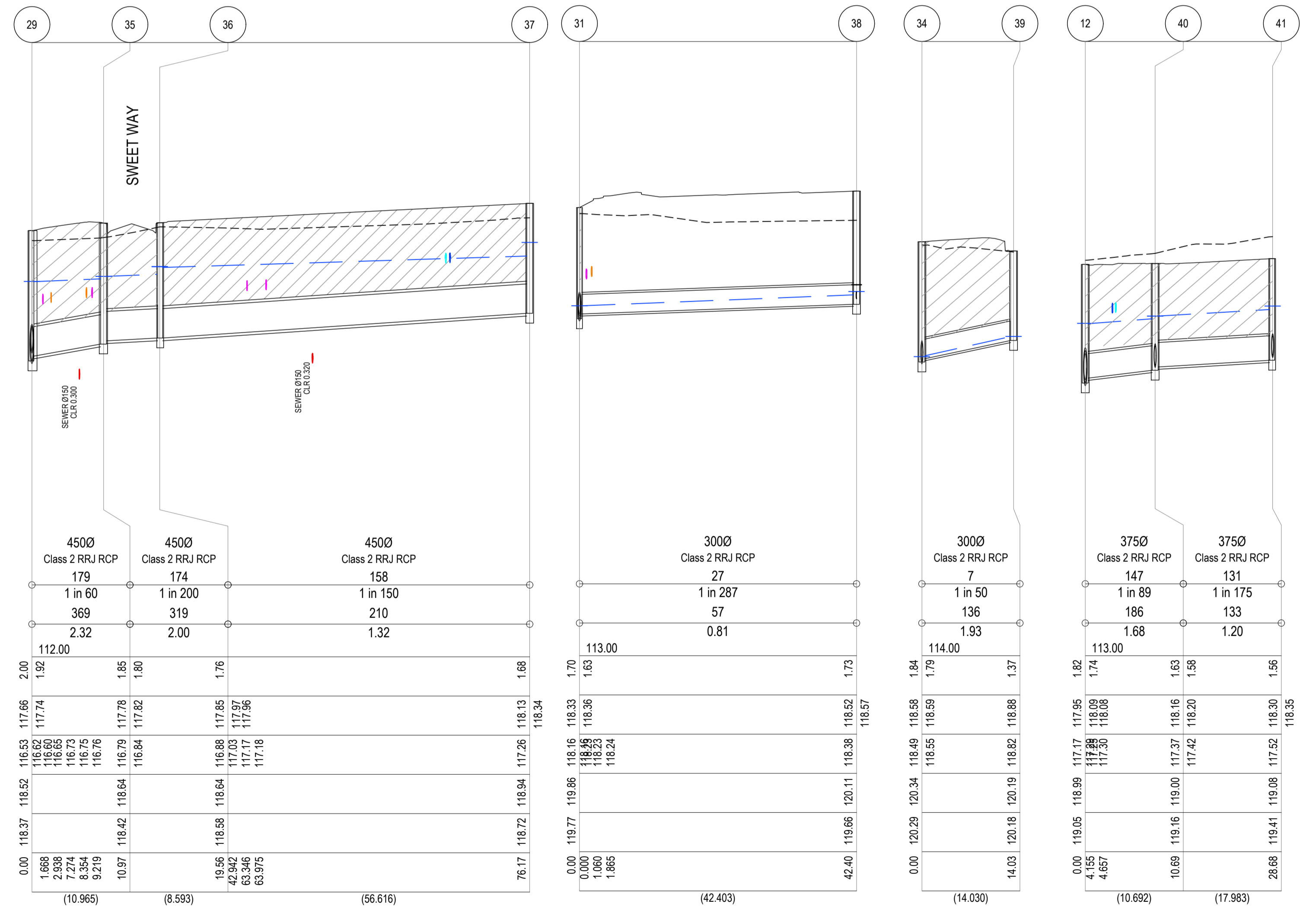
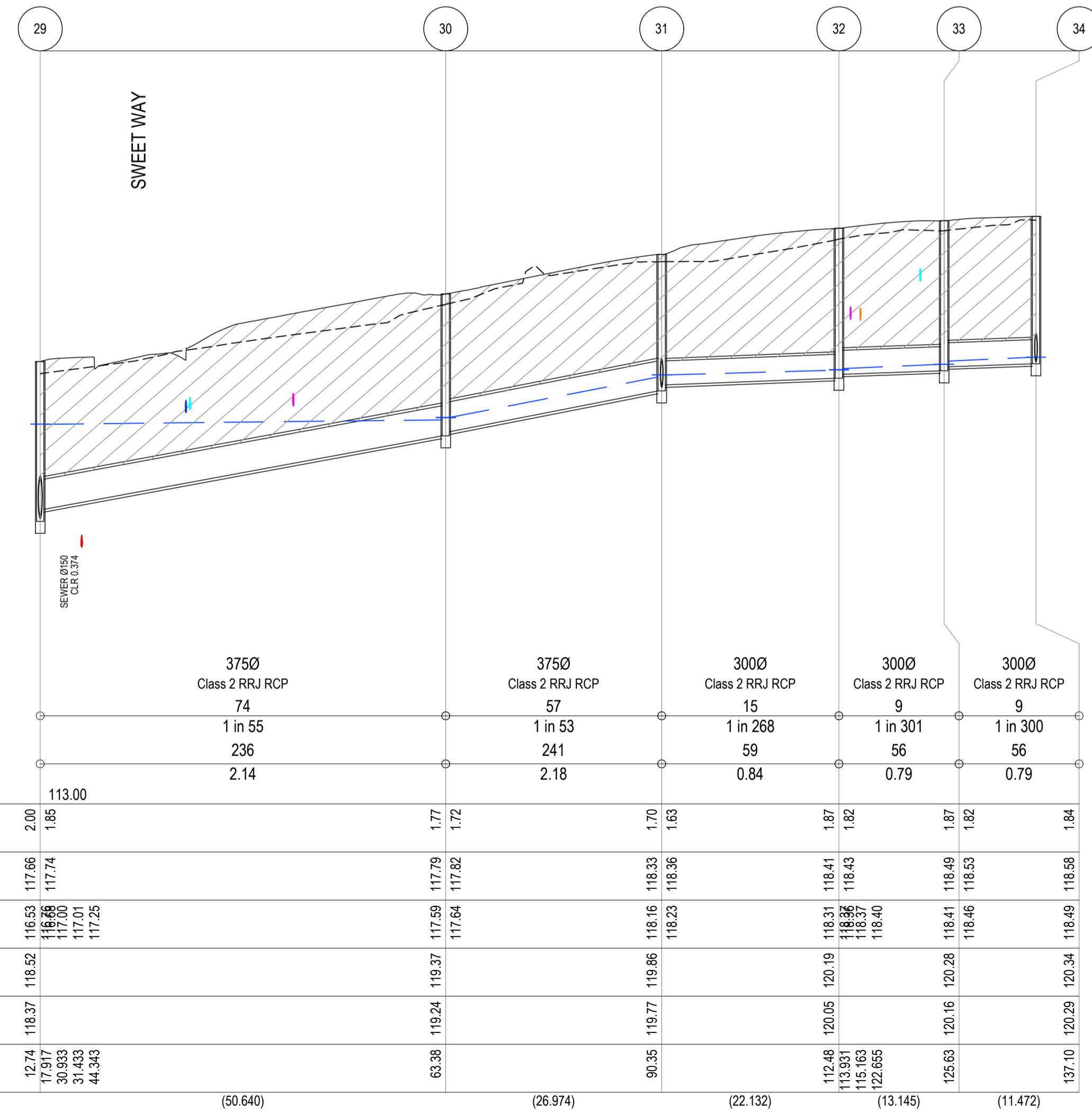
PM	A. CHUDLEIGH
DESIGNED	19.04.21
CHECKED	19.04.21
AUTHORISED	15.07.21
MELBURN	343 E7
STATUS	PS848376X

ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
 DRAINAGE LONGITUDINAL SECTIONS - 2

CONSTRUCTION

136401RD16

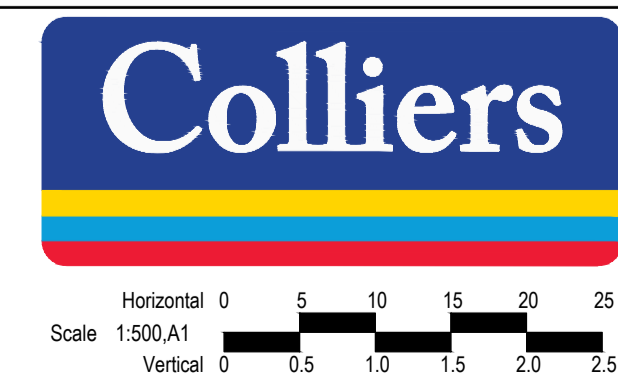
SHEET No. 16 OF 26
 REV. 3



3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22
REV.	AMENDMENTS	APP'D	DATE

LEGEND:

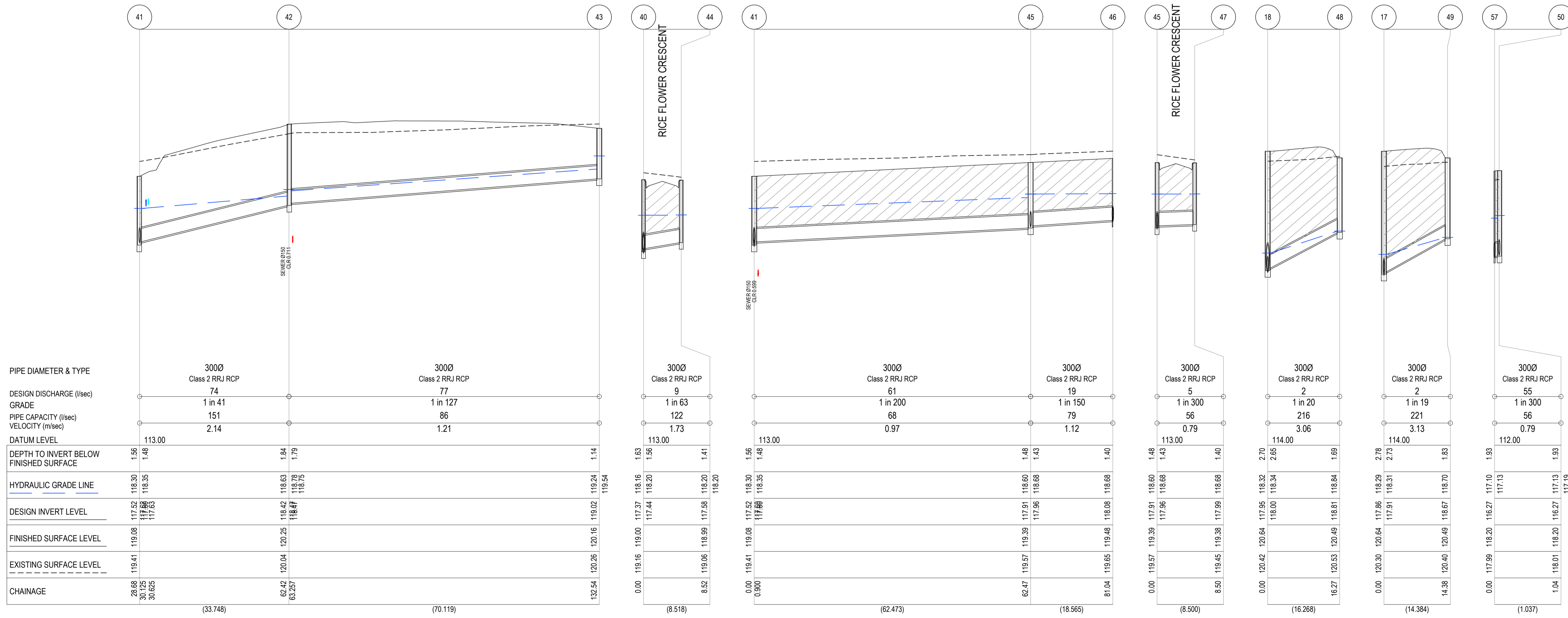
CRUSHED ROCK BACKFILL



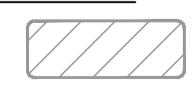
PM: A. CHUDLEIGH
 DESIGNED: 19.04.21
 CHECKED: 19.04.21
 AUTHORIZED: 15.07.21
 MELBAYS: 343 E7
 POS No: PS848376X
 STATUS: CONSTRUCTION

ELLERTON ESTATE
 STAGE 1
 CITY OF MELTON
 DRAINAGE LONGITUDINAL SECTIONS - 3

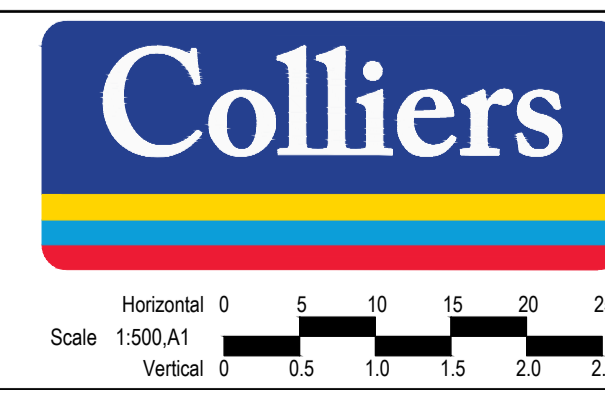
136401RD17
 REV. 3
 SHEET No: 17 OF 26



REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

LEGEND:
 CRUSHED ROCK BACKFILL

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 FILE: J11265_Workspace\01\01\136401_862\PM02 DESIGN\01\DESIGN\ACAD\136401-RD6-DR.dwg LAYOUT: RD6-04 PLOTTED BY: Tanabata_Max PLOT DATE: 25/1/2023 4:51 PM

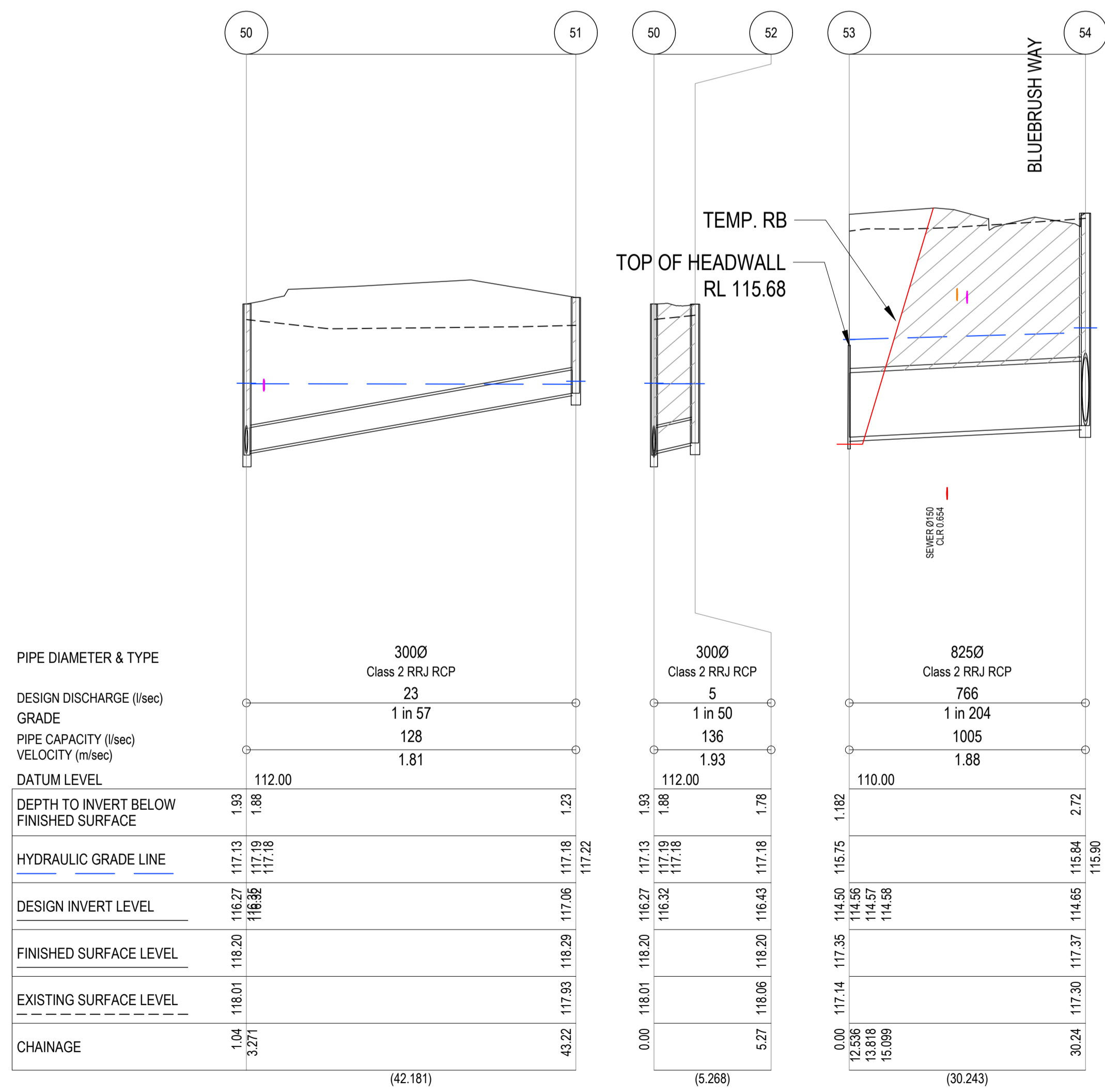


PM	A. CHUDLEIGH
DESIGNED	19.04.21
CHECKED	19.04.21
AUTHORISED	15.07.21
MELBURN	343 E7
STATUS	PS848376X

ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
DRAINAGE LONGITUDINAL SECTIONS - 4

CONSTRUCTION 136401RD18

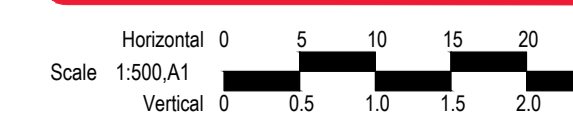
SHEET No. 18 OF 26
 REV. 3



REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

LEGEND:
 CRUSHED ROCK BACKFILL

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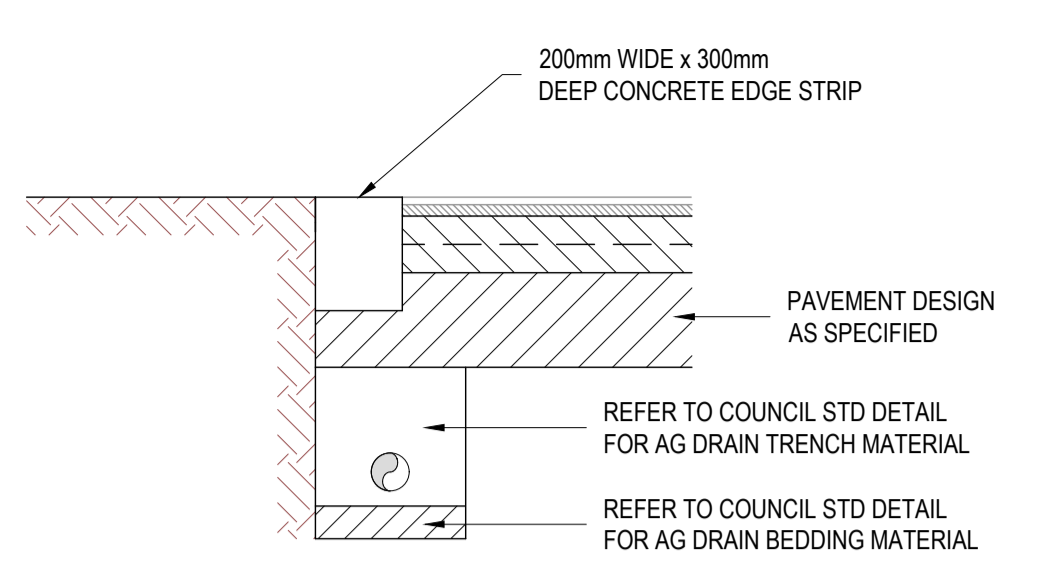
PM	A. CHUDLEIGH
DESIGNED	19.04.21
CHECKED	T.BARBOUR
	19.04.21
AUTHORISED	S.FALKENSTEIN
	15.07.21
MELWAYS	A.CHUDLEIGH
	343 E7
STATUS	PS848376X

ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
 DRAINAGE LONGITUDINAL SECTIONS - 5

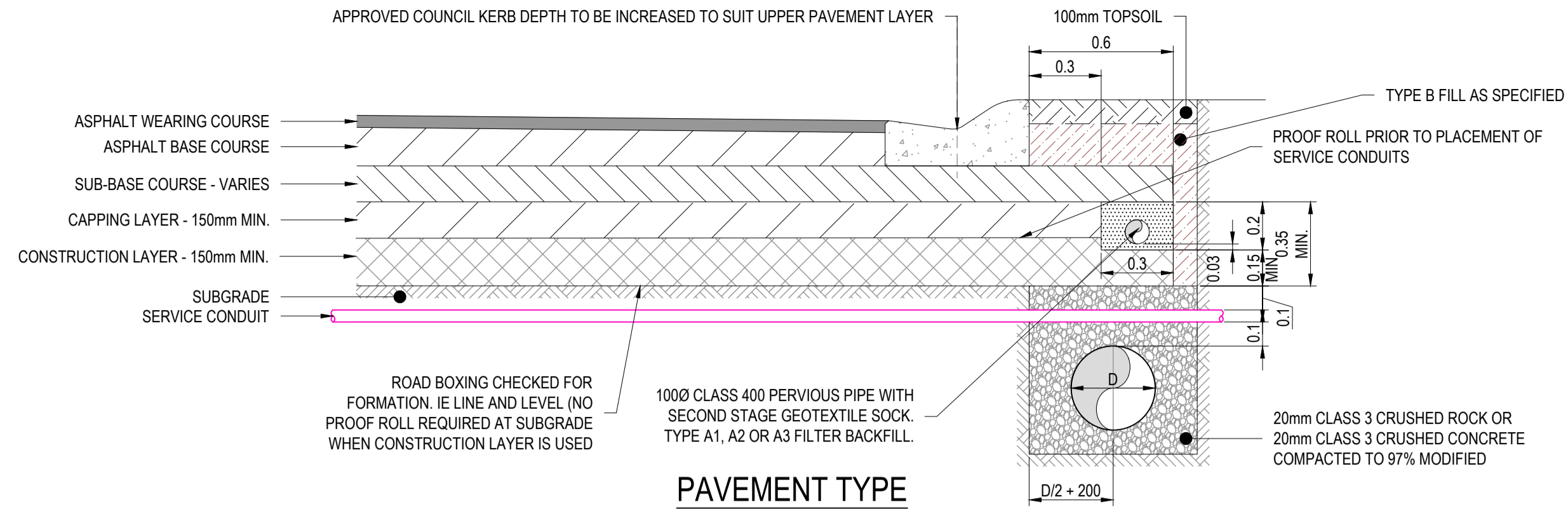
CONSTRUCTION

136401RD19

SHEET No. 19 OF 26
 REV. 3



LIMIT OF WORKS, CONCRETE EDGE STRIP & PAVEMENT DETAIL
(SCALE: 1:20)



PAVEMENT TYPE EXPANSIVE SUB-GRADE
SCALE 1 : 20

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		TYPE 1
ASPHALT WEARING COURSE	SIZE 14mm TYPE H, CLASS 320	40
BASE COURSE	SIZE 14mm TYPE HP, CLASS A10E BINDER	40
SAMI	SIZE 10mm TYPE S18R	10
BITUMINOUS PRIME	PRIME	NOMINAL
BASE COURSE	SIZE 20mm CLASS 2, CRUSHED ROCK, COMPACTED TO 100% CHARACTERISTIC MODIFIED COMPACTION	110
UPPER PAVEMENT TOTAL		200
UPPER SUBBASE	SIZE 20mm CLASS 3 CRUSHED ROCK, FCR, COMPACTED TO A MEAN DENSITY RATIO OF 98% CHARACTERISTIC MODIFIED COMPACTION	230
LOWER PAVEMENT TOTAL		230
CAPPING LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, PERMEABILITY $K \leq 5 \times 10^{-9}$ m/s COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
CONSTRUCTION LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
SUBGRADE	MATERIAL AS FOUND (SILTY CLAY) WITH A DESIGN SUBGRADE CBR OF 3%. EXPOSED SUBGRADE TO BE SCARIFIED TO 200mm DEPTH AND PREPARED IN ACCORDANCE WITH SECTION 5.1	-

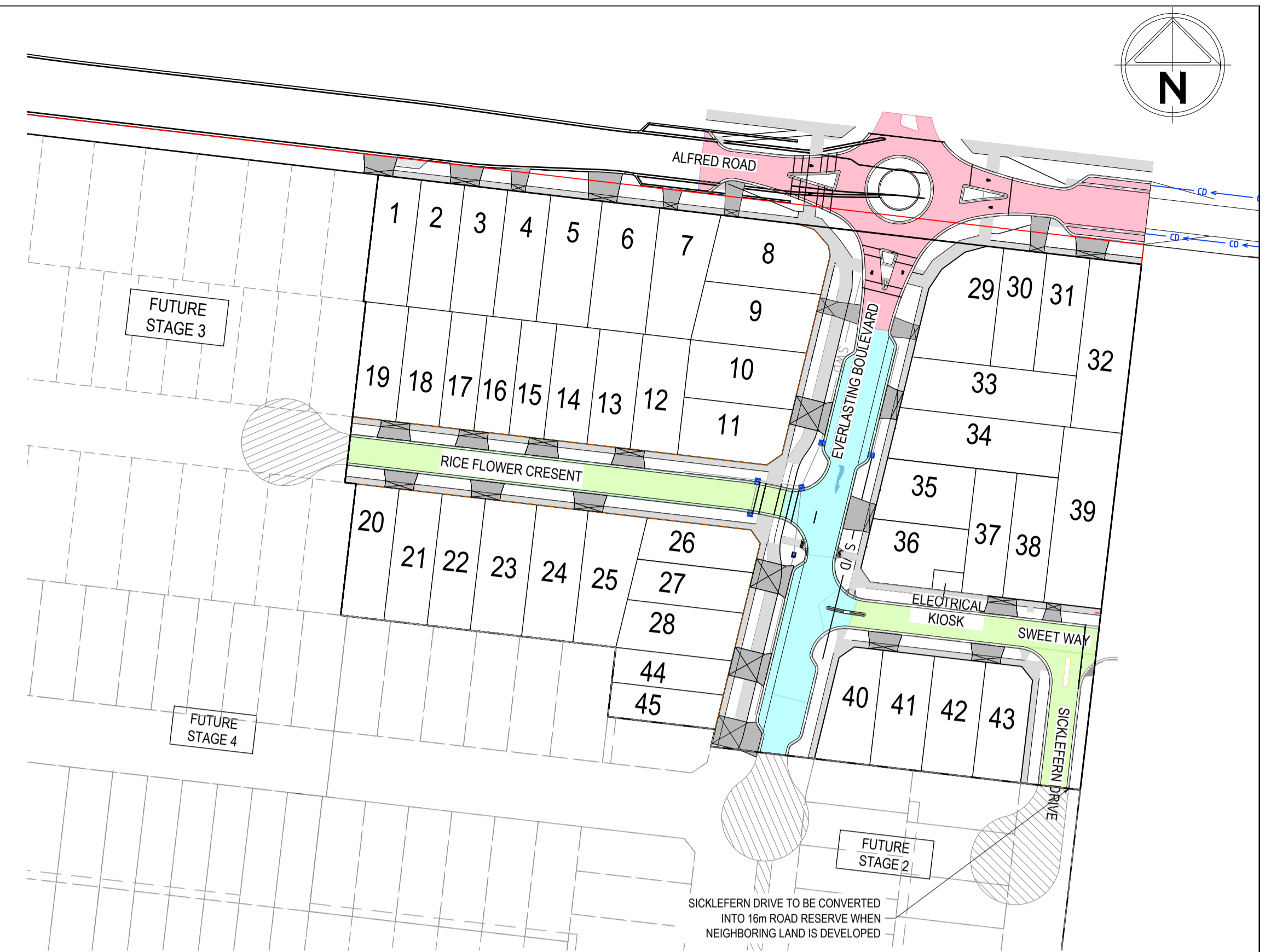
TOTAL PAVEMENT DEPTH 730

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		TYPE 2
ASPHALT WEARING COURSE	SIZE 14mm TYPE N, CLASS C2320 BINDER	40
ASPHALT BASE COURSE	SIZE 14mm TYPE HP, CLASS A10E BINDER	40
SAMI	SIZE 10 S18R	10
BITUMINOUS PRIME	PRIME	NOMINAL
BASE	SIZE 20mm, CLASS 2 CRUSHED ROCK, COMPACTED TO 100% CHARACTERISTIC MODIFIED COMPACTION	110
UPPER PAVEMENT TOTAL		200
UPPER SUBBASE	SIZE 20mm CLASS 3, FCR, COMPACTED TO A MEAN DENSITY RATIO OF 98% CHARACTERISTIC MODIFIED COMPACTION	190
LOWER PAVEMENT TOTAL		190
CAPPING LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, PERMEABILITY $K \leq 5 \times 10^{-9}$ m/s COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
CONSTRUCTION LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
SUBGRADE	MATERIAL AS FOUND (SILTY CLAY) WITH A DESIGN SUBGRADE CBR OF 3%. EXPOSED SUBGRADE TO BE SCARIFIED TO 200mm DEPTH AND PREPARED IN ACCORDANCE WITH SECTION 5.1	-

TOTAL PAVEMENT DEPTH 690

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		TYPE 3
ASPHALT WEARING COURSE	SIZE 14mm TYPE V CLASS 320 BINDER	40
INTERMEDIATE COURSE	SIZE 20mm TYPE SI, CLASS 320 BINDER	75
BASE COURSE	SIZE 20mm TYPE SF, CLASS 320 BINDER	85
PRIME SEAL	PRIME	NOMINAL
UPPER PAVEMENT TOTAL		200
UPPER SUBBASE	SIZE 20MM CLASS 3 CRUSHED ROCK, FCR COMPACTED TO A MEAN DENSITY RATIO OF 98% CHARACTERISTIC MODIFIED COMPACTION	230
LOWER PAVEMENT TOTAL		230
CAPPING LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, PERMEABILITY $K \leq 5 \times 10^{-9}$ m/s. COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
CONSTRUCTION LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
SUBGRADE	MATERIAL AS FOUND (SILTY CLAY) WITH DESIGN SUBGRADE CBR OF 2%. EXPOSED SUBGRADE TO BE SCARIFIED TO 200mm DEPTH AND PREPARED IN ACCORDANCE WITH SECTION 5.1.	-

TOTAL PAVEMENT DEPTH 730



LAYOUT PLAN
SCALE 1 : 1000

ROAD NAME	TYPE
EVERLASTING BOULEVARD	TYPE 1
SWEET WAY	TYPE 2
RICE FLOWER ROAD	TYPE 2
SICKLEFERN DRIVE	TYPE 2
ALFRED ROAD	TYPE 3
ALFRED ROAD PARKING BAY	TYPE 3

PAVEMENT NOTES:

- REFER TO REPORT GE8810-1-21 BY GEOTESTA PTY LTD. FOR GEOTECHNICAL INFORMATION AND ADVICE.
- CONDUITS FOR GAS, WATER, ELECTRICITY AND TELECOM SERVICES TO BE LOCATED CLEAR OF PAVEMENT AND THE SUBSURFACE DRAIN.
- FOR FURTHER DETAILS REFER TO EDCM 202a

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

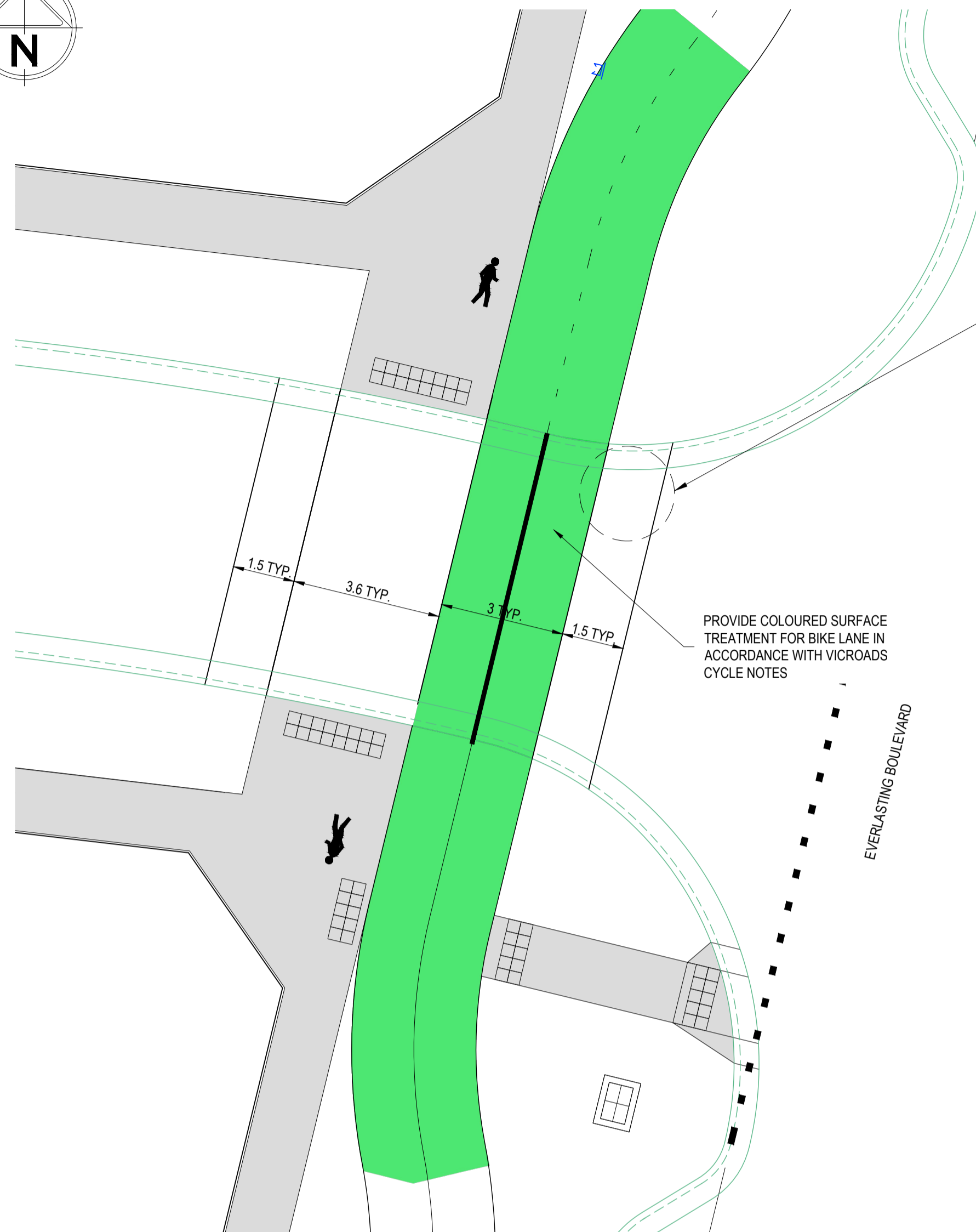
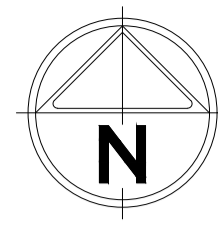
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Vertical 0 10 20 30 40 50

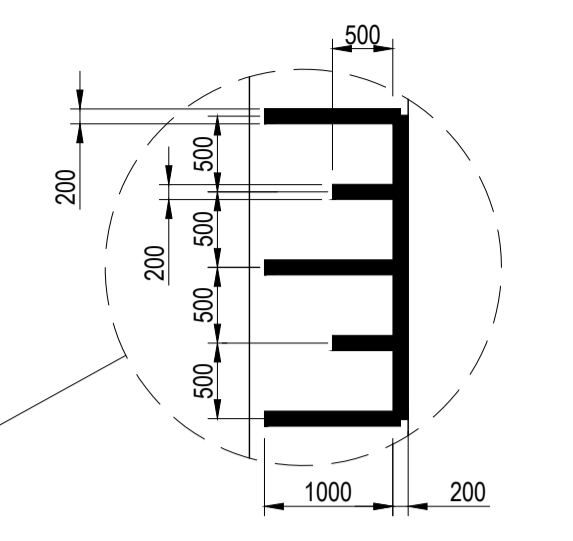
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DESIGNED	19.04.21
	T.BARBOUR
CHECKED	19.04.21
	S.FALKENSTEIN
AUTHORISED	15.07.21
	A.CHUDLEIGH
MELBURN	343 E7
PROJ No.	PS848376X
STATUS:	

ELLERTON ESTATE
STAGE 1
CITY OF MELTON
STANDARD DETAILS - 1

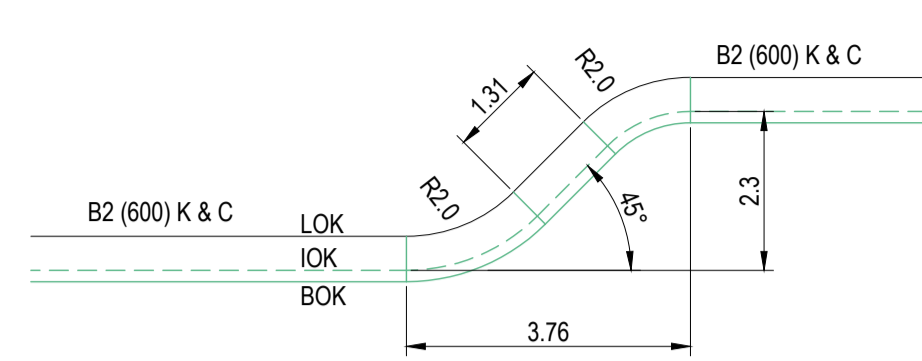


RAISED PAVEMENT (INTERSECTION) - PLAN VIEW
(SCALE: 1:100)

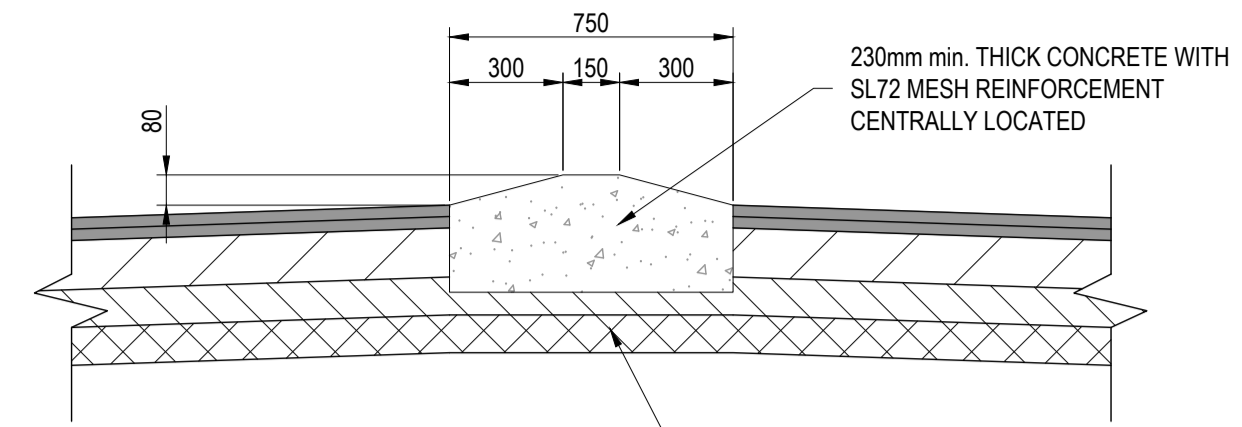
PROVIDE COLOURED SURFACE TREATMENT FOR BIKE LANE IN ACCORDANCE WITH VICROADS CYCLE NOTES



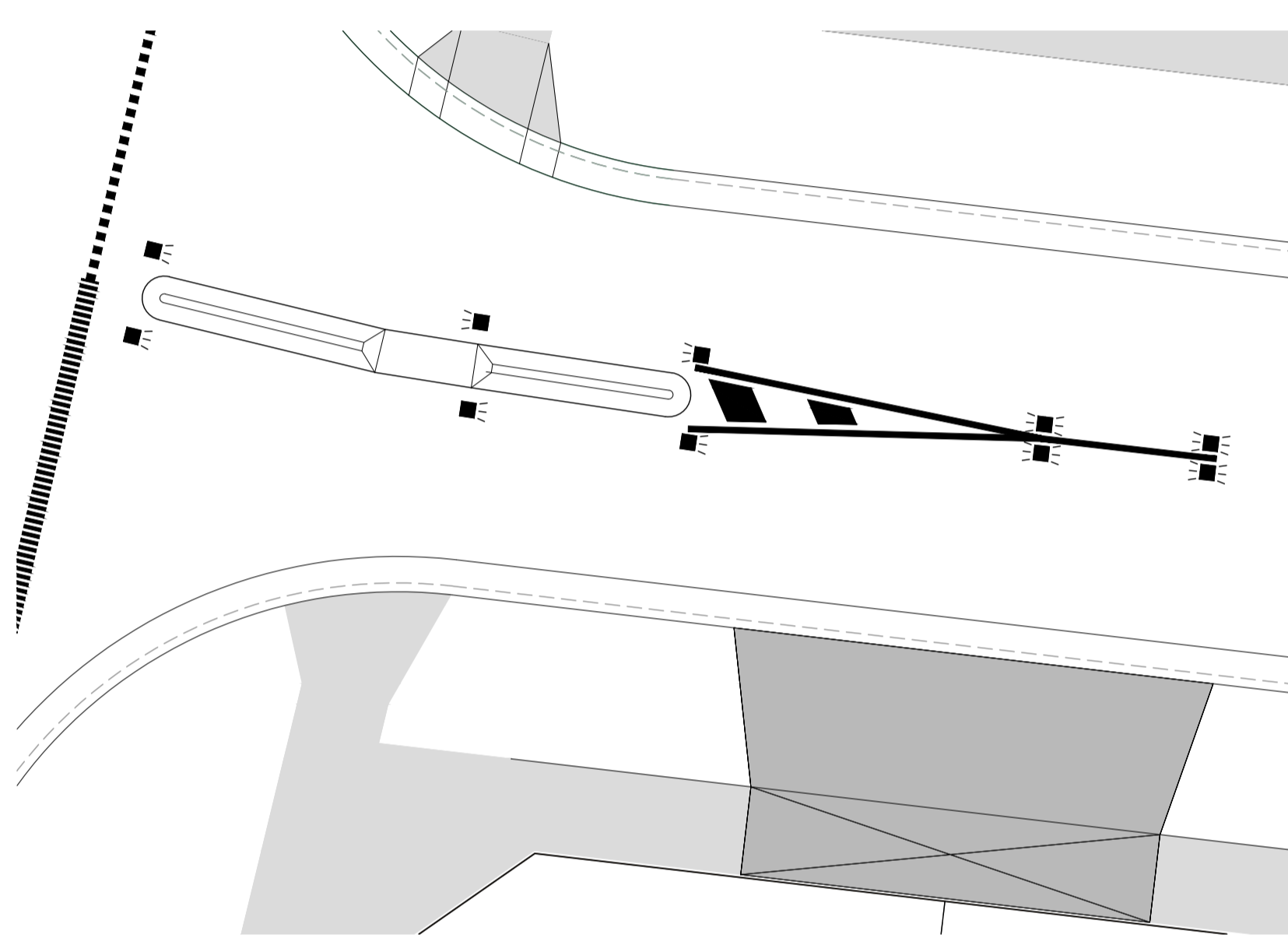
DETAIL "A"
(NOT TO SCALE)
LINEMARKING APPROVED THERMOPLASTIC



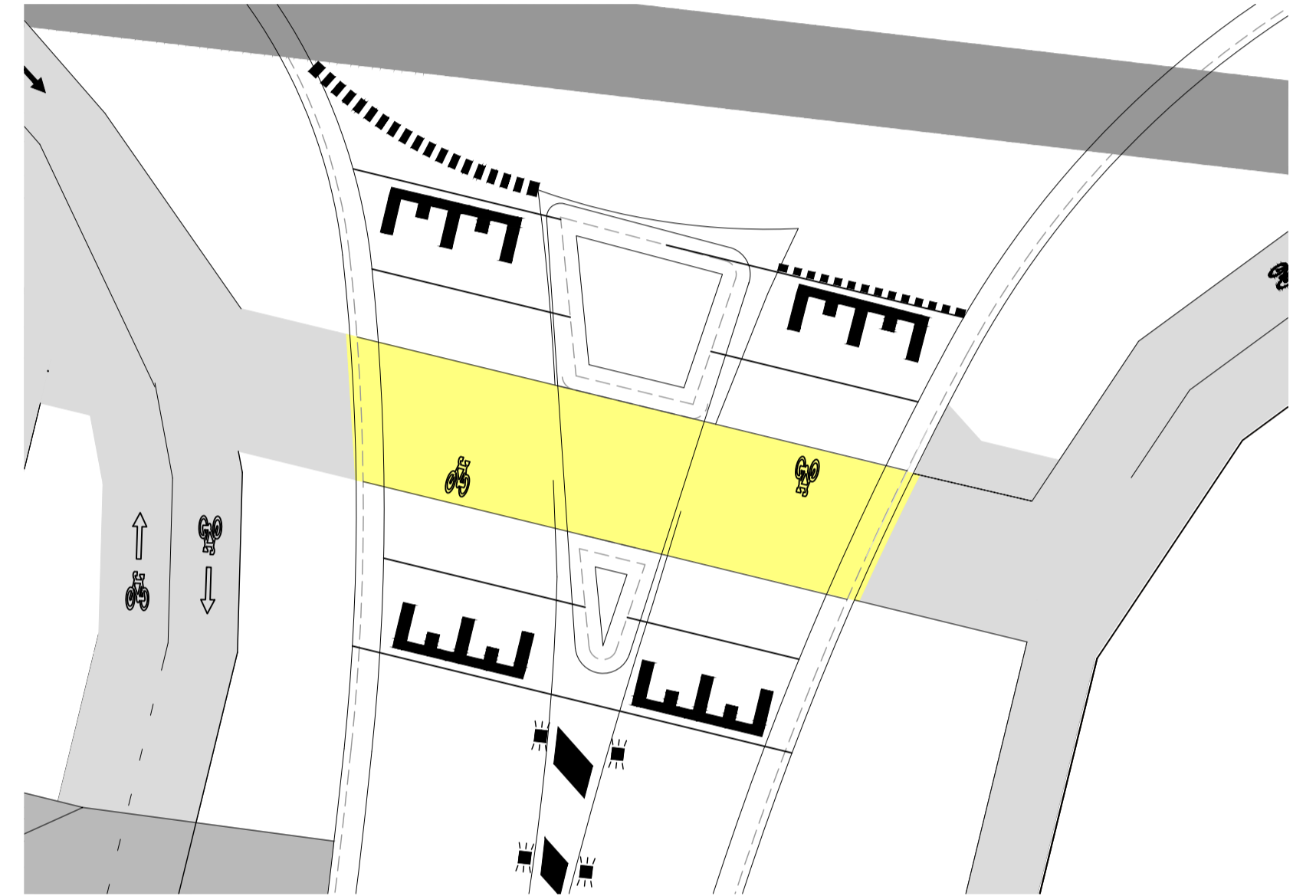
TYPICAL KERB OUTSTAND DETAIL
EVERLASTING BOULEVARD
(SCALE: 1:100)



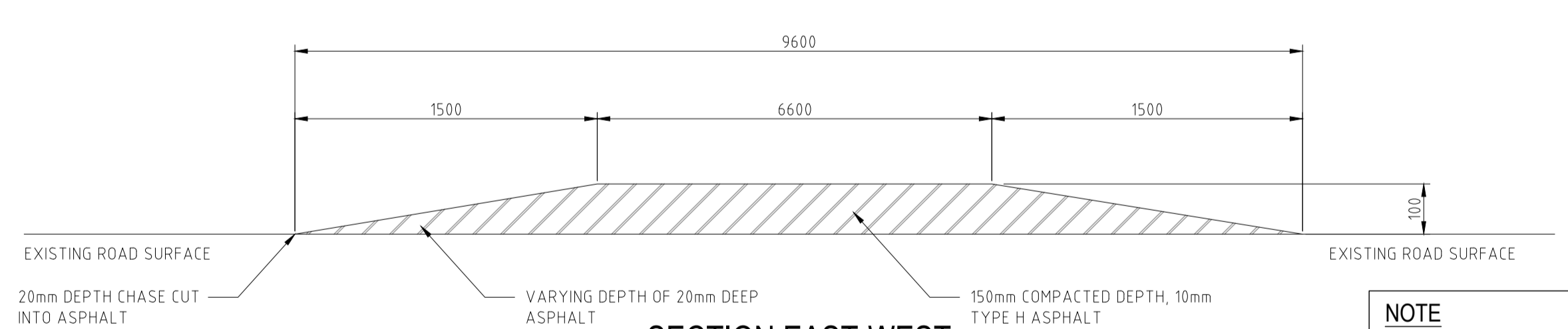
TYPICAL ISLAND SECTION - S13
REFER TO MCC 305
(SCALE: 1:40)



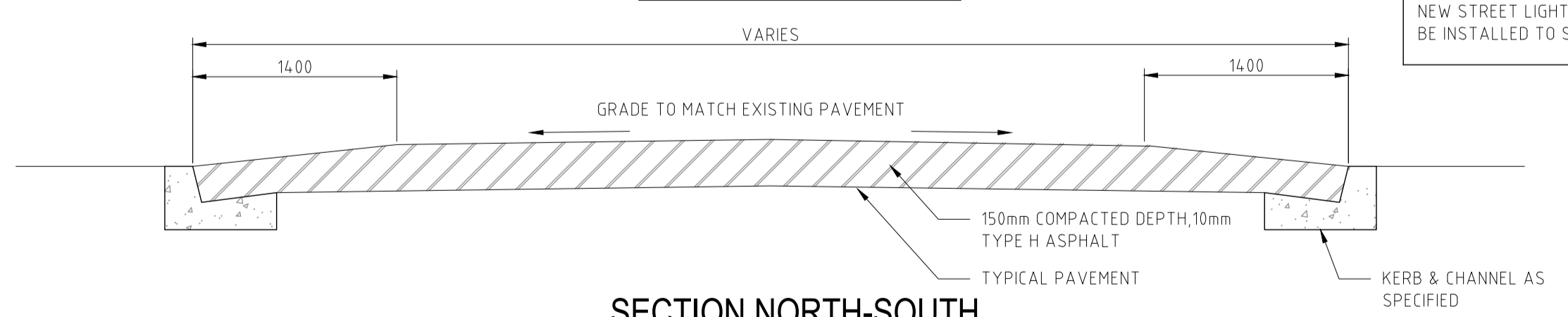
TRAFFIC ISLAND - PLAN VIEW
(SCALE: 1:100)



RAISED PAVEMENT (ROUNDBOUT) - PLAN VIEW
(SCALE: 1:125)

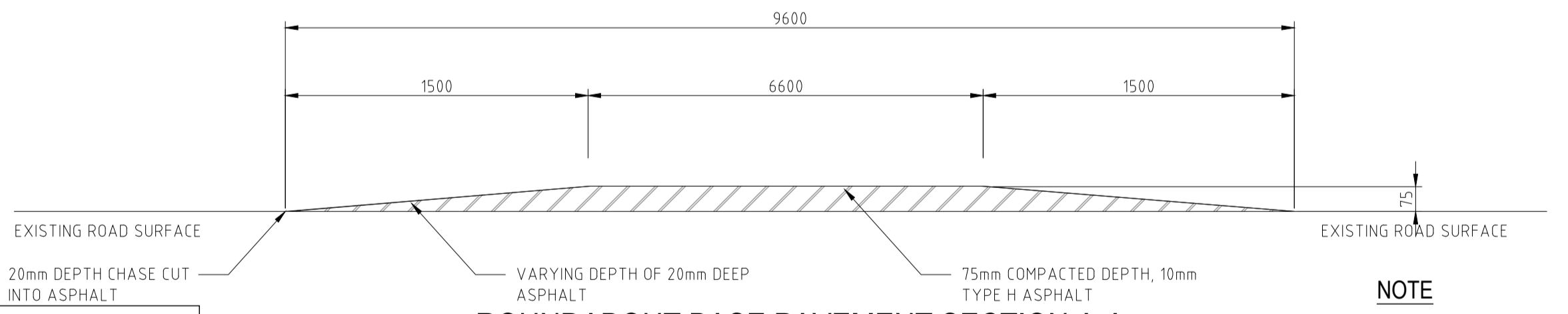


SECTION EAST-WEST

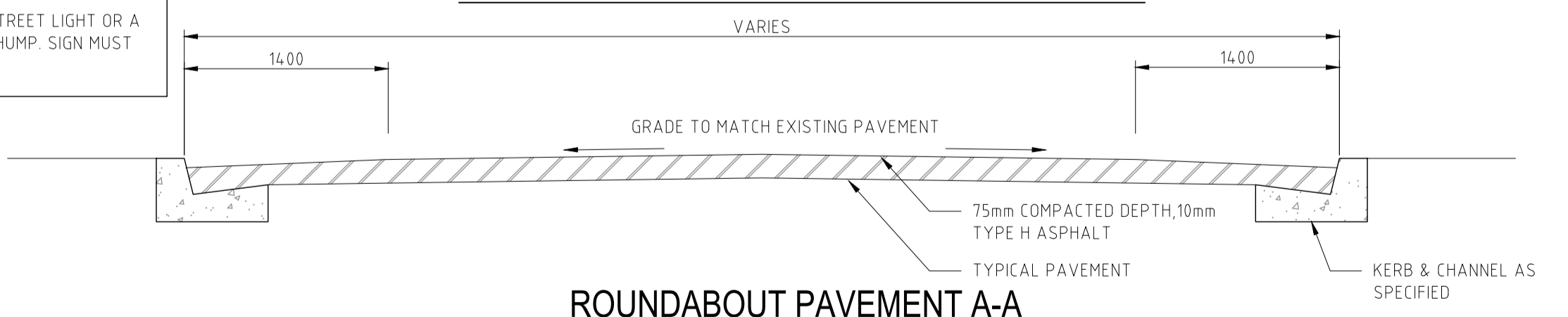


**SECTION NORTH-SOUTH
RAISED PLATFORM DETAIL**

NOTE
ROAD HUMPS ARE TO BE LOCATED WITHIN 5m OF AN EXISTING STREET LIGHT OR A NEW STREET LIGHT MUST BE INSTALLED WITHIN 5m OF A ROAD HUMP. SIGN MUST BE INSTALLED TO SIGN INSTALLATION GUIDELINES.



ROUNDBOUT BASE PAVEMENT SECTION A-A



**ROUNDBOUT PAVEMENT A-A
RAISED PLATFORM DETAIL**
(NOT TO SCALE)

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

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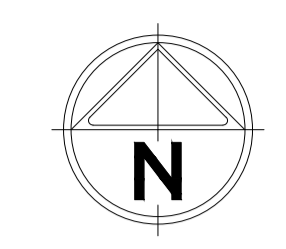


Scale AS SHOWN

PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOUR	
CHECKED	19.04.21
S.FALKENSTEIN	
AUTHORISED	15.07.21
A.CHUDLEIGH	
MELBURN	343 EF
POSTAL	PS848376X
STATUS:	

ELLERTON ESTATE
STAGE 1
CITY OF MELTON
STANDARD DETAILS - 2

CONSTRUCTION	136401RD22	SHEET No. 22 OF 26
REV.	3	



- LEGEND:**
- 1. LINE MARKING AND RRPMS TO AS 1742.1 2014 AND 1742.2 2009. LINE MARKING TO BE INITIALLY (PRIOR TO WEARING COURSE ASPHALT) INSTALLED USING STANDARD ROAD MARKING PAINT.
 - 2. TACTILE GROUND SURFACE (TGS) PAVERS INCLUDING SUPPLY & INSTALL WARNING AND DIRECTIONAL PAVERS AS DETAILED IN ACCORDANCE WITH AS1428.1-2009
- LINEMARKING
 - - - - - GIVEWAY LINE
 - - - - - HOLDING LINE
 - - - - - CONTINUITY LINE
 - LANE SEPARATION
 - RRP
 - STREET SIGNS AS PER COUNCIL STANDARDS
 - SIGN & POST (SINGLE/DOUBLE POST)
 - TGSI - HAZARD
 - TGSI - DIRECTIONAL
 - ON STREET PARKING
 - TEMPORARY CRUSHED ROCK TURNAROUND
 - OMNIGRIP

ROAD CLOSED
T2-4 ROAD CLOSED D4-5 OBSTRUCTION MARKER

GIVE WAY

TO CYCLISTS

GIVE WAY

S1

R1-2A

R3-1A

R5-35-1(R)

R5-35-1(L)

W2-7

KEEP LEFT

R2-3

R1-3A

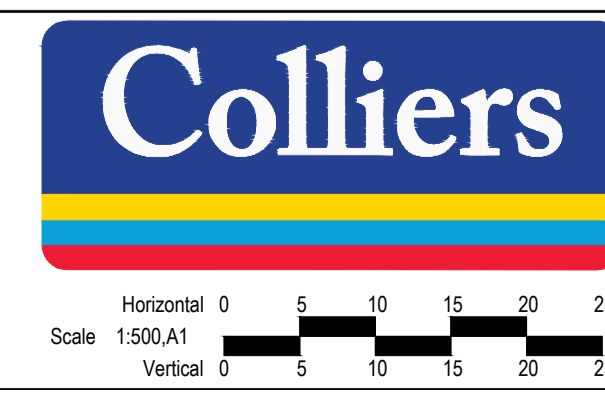
R8-2

R8-2

W6-9, W8-23

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

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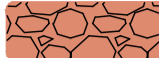


PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOUR	
CHECKED	19.04.21
S.FALKENSTEIN	
AUTHORISED	15.07.21
A.CHUDLEIGH	
MELWAYS	343 E7
POS No.	PS848376X
STATUS:	CONSTRUCTION

ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
 SIGNAGE & LINEMARKING

136401RD23

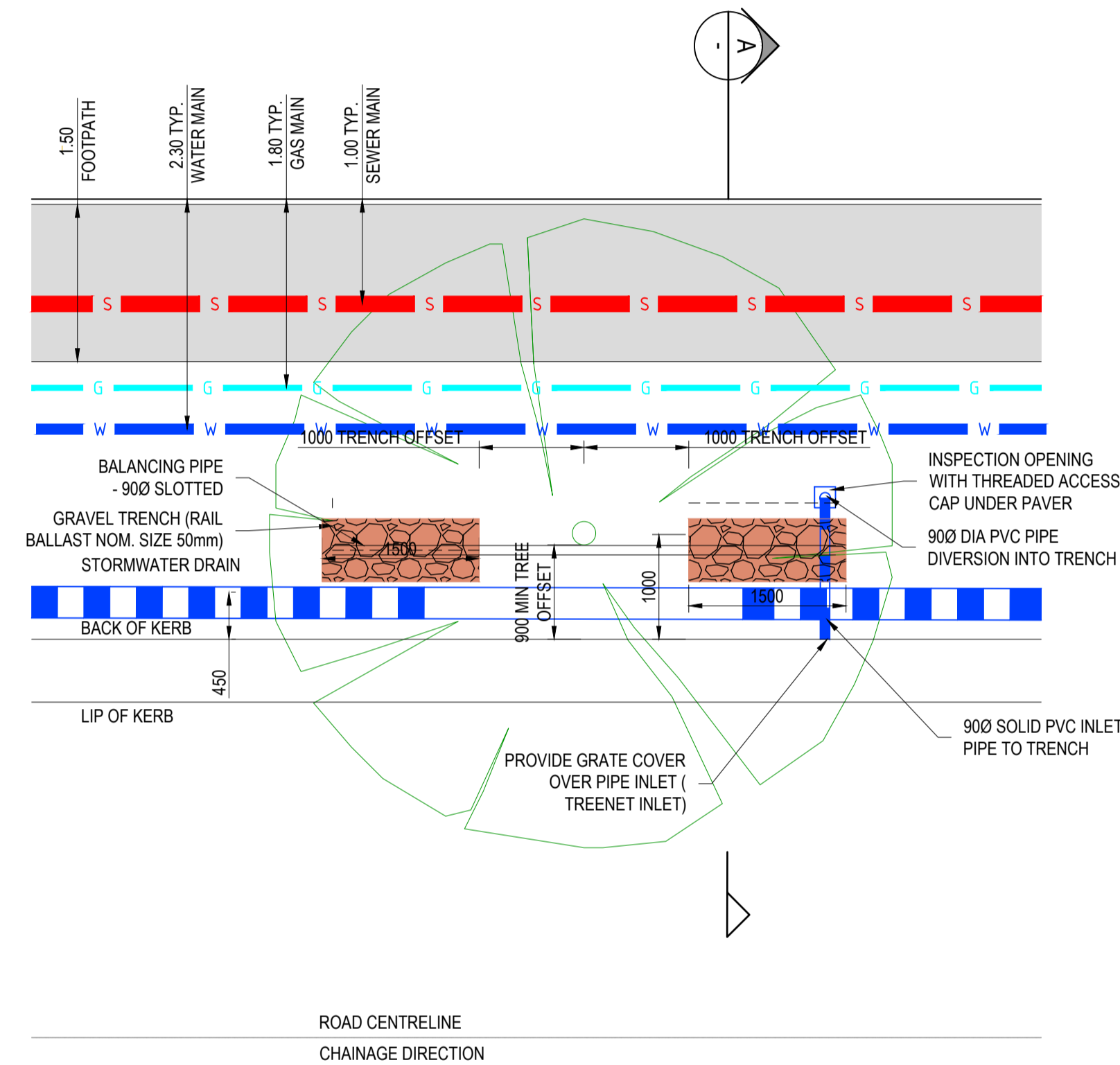
SHEET No. 23 OF 26
 REV. 3

LEGEND

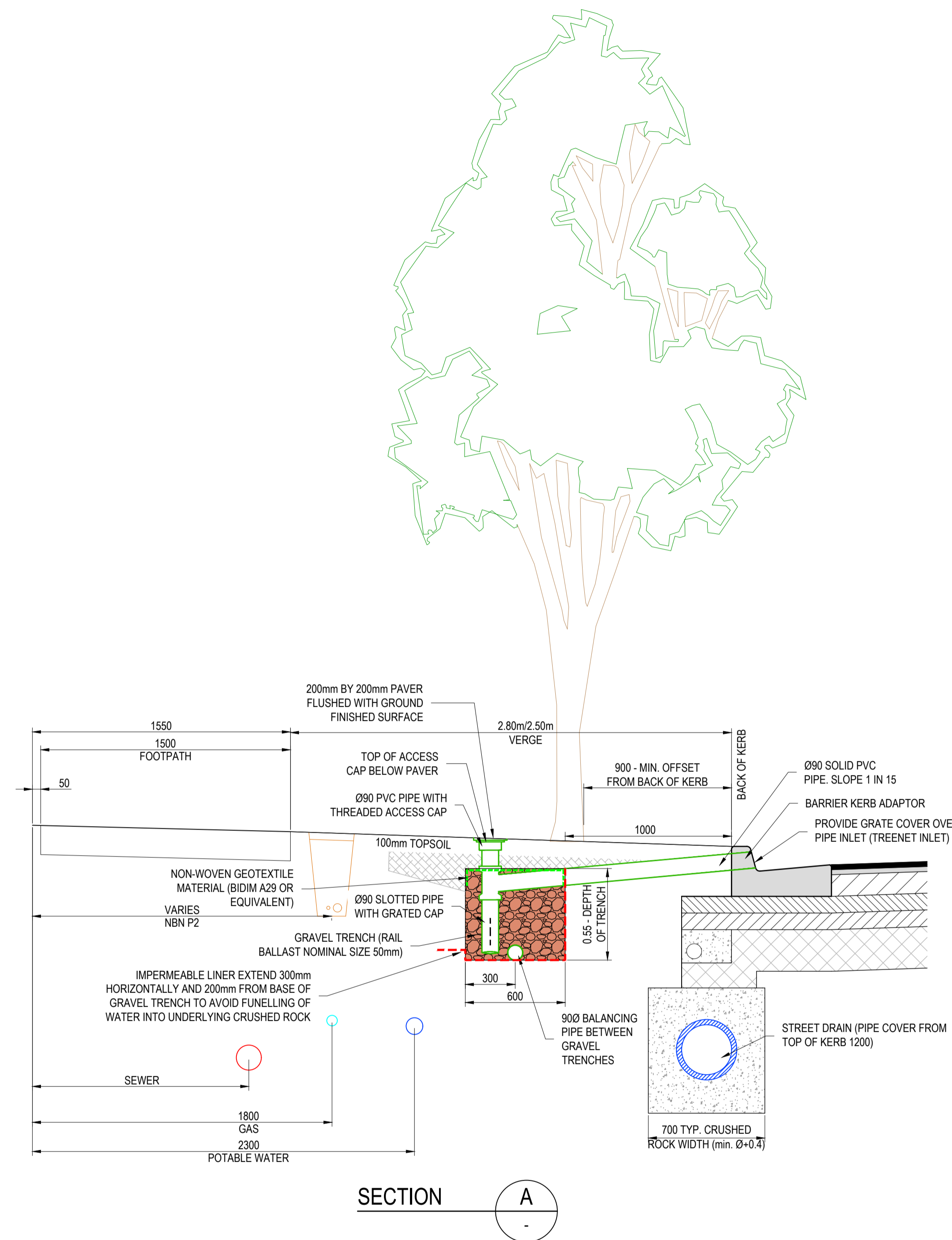
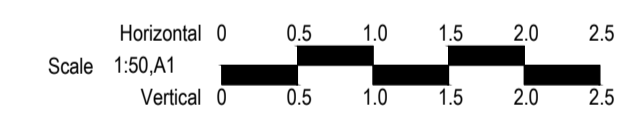
	GRAVEL TRENCH - RAIL BALLAST NOMINAL SIZE 50mm
	NON-WOVEN GEOTEXTILE BIDIM A29 OR EQUIVALENT
	0.75mm POLYETHYLENE OR EQUIVALENT IMPERMEABLE LINER

NOTES:

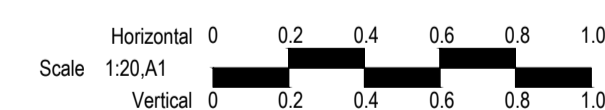
- FOR PASSIVE STREET TREE IRRIGATION DETAIL, REFER TO MELTON CITY COUNCIL STANDARD DRAWING PASSIVE STREET TREE IRRIGATION GRAVEL TRENCH (KERB INLET DIVERSION)
- GRAVEL TRENCH AREA IS TYPICAL AS COUNCIL STANDARD OTHERWISE AS SHOWN ON THIS PLAN



**PASSIVE IRRIGATION - TYPE 3
DETAIL PLAN**



**PASSIVE IRRIGATION - GRAVEL TRENCH EXTENDED PAST KERB CUTOUT
TYPICAL SECTION**



REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

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 FILE: J11245_Workspace\08\AUMEL_S2\01136421_862\PM02 DESIGN\01 DESIGN\ACAD\136401-RD9-PI.dwg LAYOUT: RD9-01 PLOTTED BY: T.Barbour Max PLOT DATE: 25/10/23 4:53 PM






Scale AS SHOWN

PM	A. CHUDLEIGH
DESIGNED	19.04.20
CHECKED	19.04.21
AUTHORISED	15.07.21
MELBURN	343 E7
POS No.	PS848376X
STATUS:	CONSTRUCTION

**ELLERTON ESTATE
STAGE 1
CITY OF MELTON
PASSIVE IRRIGATION DETAILS - 1**

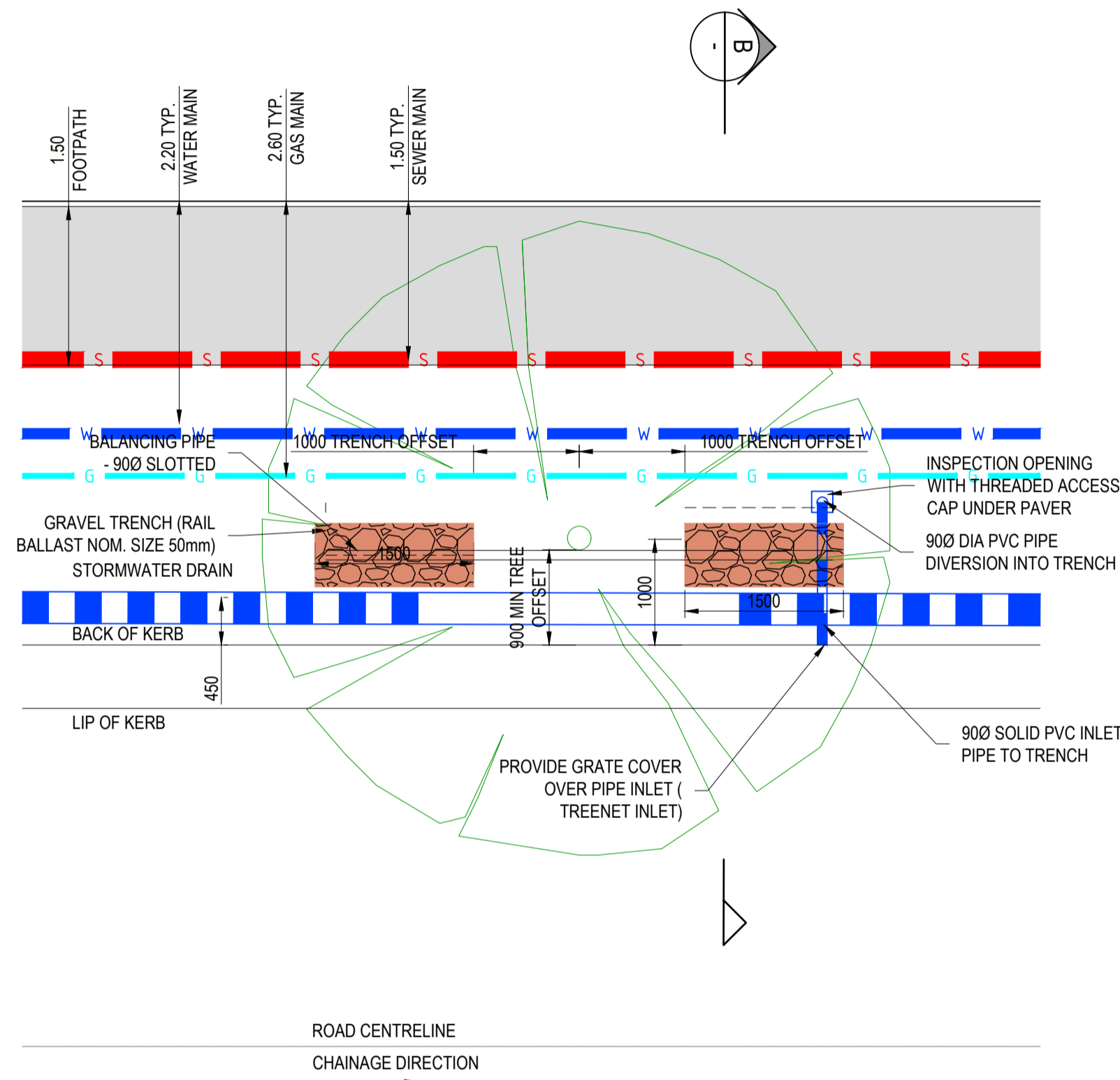
136401RD24	SHEET No. 24 OF 26
REV. 3	

LEGEND

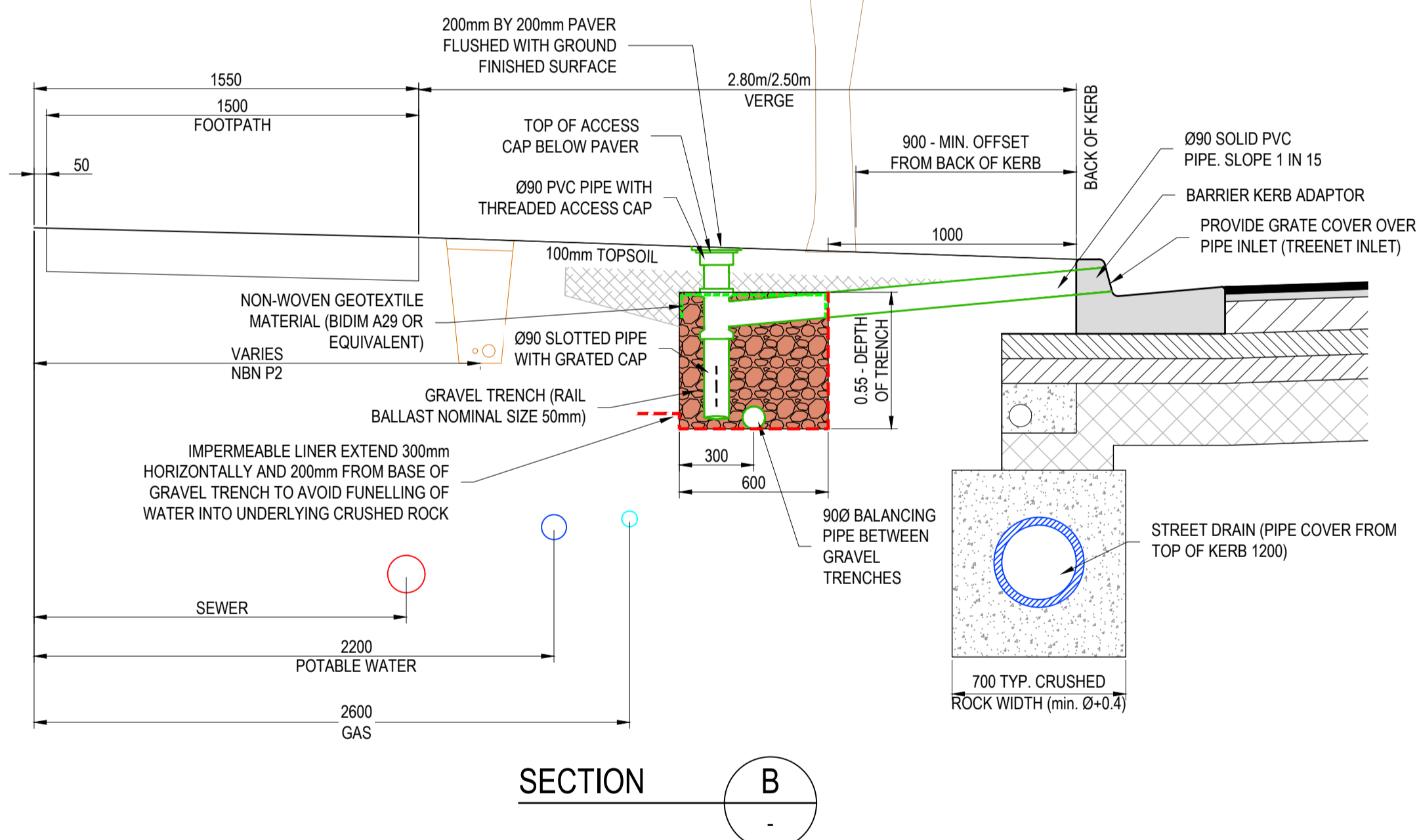
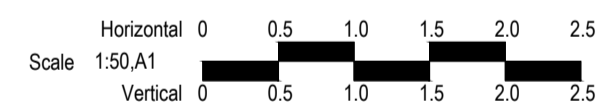
-  GRAVEL TRENCH - RAIL BALLAST
NOMINAL SIZE 50mm
-  NON-WOVEN GEOTEXTILE
BIDIM A29 OR EQUIVALENT
-  0.75mm POLYETHYLENE OR
EQUIVALENT IMPERMEABLE LINER

NOTES:

1. FOR PASSIVE STREET TREE IRRIGATION DETAIL, REFER TO MELTON CITY COUNCIL STANDARD DRAWING PASSIVE STREET TREE IRRIGATION GRAVEL TRENCH (KERB INLET DIVERSION)
2. GRAVEL TRENCH AREA IS TYPICAL AS COUNCIL STANDARD OTHERWISE AS SHOWN ON THIS PLAN

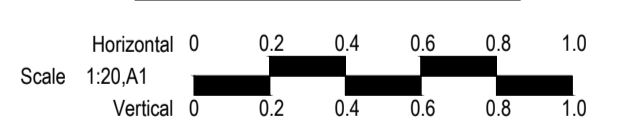


**PASSIVE IRRIGATION - RICE FLOWER CRESCENT - TYPE 3
DETAIL PLAN**



SECTION B

**PASSIVE IRRIGATION RICE FLOWER CRESCENT - GRAVEL TRENCH EXTENDED PAST KERB CUTOUT
TYPICAL SECTION**



REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
E	FSL'S AND TYPICAL CROSS SECTIONS AMENDED	T.BARBOUR	05.07.2022
D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

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 FILE: J1120a_workspace\del\kaumebg\1136401_862pm02_design\g1_design\ACAD\136401-RD9-PI.dwg LAYOUT: RD9-02 PLOTTED BY: Tanabata_Max PLOT DATE: 25/1/2023 4:54 PM

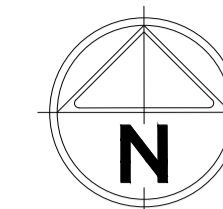


Scale AS SHOWN

PM	A. CHUDLEIGH
DESIGNED	19.04.21
CHECKED	19.04.21
AUTHORISED	15.07.21
MELBAYS	343 E7
STATUS	PS848376X

**ELLERTON ESTATE
STAGE 1
CITY OF MELTON
PASSIVE IRRIGATION DETAILS - 2**

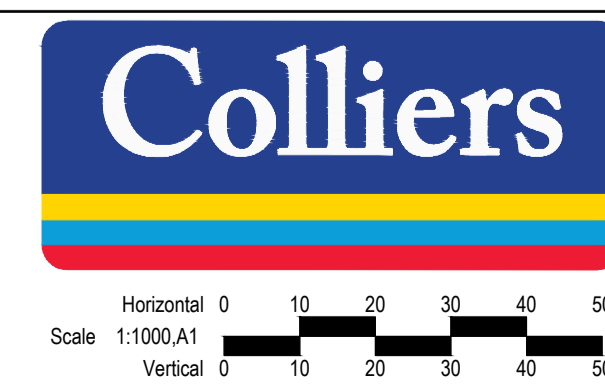
CONSTRUCTION	136401RD25	SHEET No. 25 OF 26
REV.	3	



ELLERTON ESTATE CONTROL AND TBMS (STAGES 1-4) SEPT 2021				
Pt No	EASTING (MGA2020)	NORTHING (MGA2020)	R.L. (AHD)	DESCRIPTION
12	288738.700	5822436.856	120.105	STAR_PICKET
13	288596.332	5822421.908	120.490	STAR_PICKET
14	288655.730	5822442.826	120.695	RIVET_TOP_OF KERB
15	288417.768	5822472.231	119.754	RIVET_TOP_OF KERB
16	288442.139	5822419.651	119.465	STAR_PICKET
17	288363.398	5822385.848	117.865	PM-BECONTREE_CRES (NORTH)
18	288366.906	5822304.967	117.620	PM-BECONTREE_CRES (SOUTH)
19	288535.029	5822294.524	118.225	STAR_PICKET
20	288414.515	5822228.804	117.305	STAR_PICKET
21	288602.159	5822184.676	116.575	STAR_PICKET
22	288709.601	5822141.285	117.445	STAR_PICKET
23	288572.178	5821908.039	115.470	STAR_PICKET
24	288674.880	5821858.518	115.810	STAR_PICKET
25	288536.415	5821623.196	114.262	STAR_PICKET
28	288644.232	5821611.729	115.320	STAR_PICKET
31	288729.200	5822322.211	118.590	STAR_PICKET
32	288518.493	5822411.847	120.210	STAR_PICKET
33	288488.690	5822358.734	119.005	STAR_PICKET
34	288441.727	5822323.159	118.205	STAR_PICKET
35	288516.597	5822319.623	118.525	STAR_PICKET
36	288564.584	5822346.158	119.015	STAR_PICKET
37	288463.518	5822255.232	117.385	STAR_PICKET
38	288500.211	5822210.180	116.725	STAR_PICKET
39	288594.391	5822244.915	117.510	STAR_PICKET
40	288575.161	5822299.832	118.320	STAR_PICKET
41	288632.977	5822307.810	118.410	STAR_PICKET
42	288671.933	5822262.254	117.525	STAR_PICKET
43	288707.325	5822299.330	118.040	STAR_PICKET
44	288731.991	5822357.623	119.160	STAR_PICKET

REV.	AMENDMENTS	APP'D	DATE
3	UPDATED PAVEMENT DESIGN	T.BARBOUR	25.01.2023
2	LIMIT OF WORKS UPDATED	T.BARBOUR	09.01.2023
1	RICEFLOWER CRESCENT WATER OFFSETS AND PAVEMENT DESIGN	T.BARBOUR	15.09.2022
0	ISSUED FOR CONSTRUCTION	T.BARBOUR	24.08.2022
F	UPDATED AS PER COUNCIL COMMENTS	T.BARBOUR	08.08.2022
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D	DRAINAGE & TEMP RB AMENDED AS PER SWMS	T.BARBOUR	7/2/22

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PM	A. CHUDLEIGH
DESIGNED	19.04.21
T.BARBOUR	
CHECKED	19.04.21
S.FALKENSTEIN	
AUTHORISED	15.07.21
A.CHUDLEIGH	
MELWAYS	343 E7
POST NO.	PS848376X
STATUS:	CONSTRUCTION

ELLERTON ESTATE
STAGE 1
 CITY OF MELTON
 TBM PLAN

136401RD26

SHEET No: 26 OF 26
 REV. 3