

Robinsons Rise Stage 2

MIRAVOR PTY LTD

1. GENERAL NOTES:

- 1.1. 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.
- 1.2. COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN MELTON CITY COUNCIL, THE CONSULTANT AND THE CONTRACTOR, BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS.
- 1.3. PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
 - 1.3.1. SOURCE OF QUARRY MATERIAL
 - 1.3.2. N.A.T.A. APPROVED TESTS RESULTS FOR THE F.C.R. THAT IS TO BE USED
 - 1.3.3. IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.
- 1.4. 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.
- 1.5. 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.
- 1.6. 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.
- 1.7. 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.
- 1.8. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742.3.
- 1.9. 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.
- 1.10. 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

- 2.1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) ZONE 55.
- 2.2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- 2.3. ALL CHAINAGES REFER TO ROAD CENTRELINES
- 2.4. TBMS 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.
- 2.5. ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN $\pm 0.05m$.
- 2.6. SETOUT DRAWING IN DWG FORMAT WILL BE PROVIDED FOR A ALL SETOUT OF DRAINAGE/KERBS/SEWERS/FOOTPATHS etc.
3. EARTHWORKS:
 - 3.1. ALL FILLING TO COMPLY WITH EDM STANDARD SECTION 12.3 EARTHWORKS & FILLING REQUIREMENTS (A.S.3798-1996 APPENDIX LEVEL 1 AS SPECIFIED). LEVEL 1 FILLING OVER 300mm IS TO BE SUPERVISED AND TESTED BY NATA REGISTERED SOIL LABORATOR. 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.
 - 3.2. 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.
 - 3.3. 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
 - 3.4. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
 - 3.5. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED BY THE SUPERINTENDENT.
 - 3.6. 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
 - 3.7. 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
 - 3.8. ALL EXCAVATED ROCK TO BE REMOVED AND DISPOSED OFF SITE.

4. TREE PROTECTION ZONE:

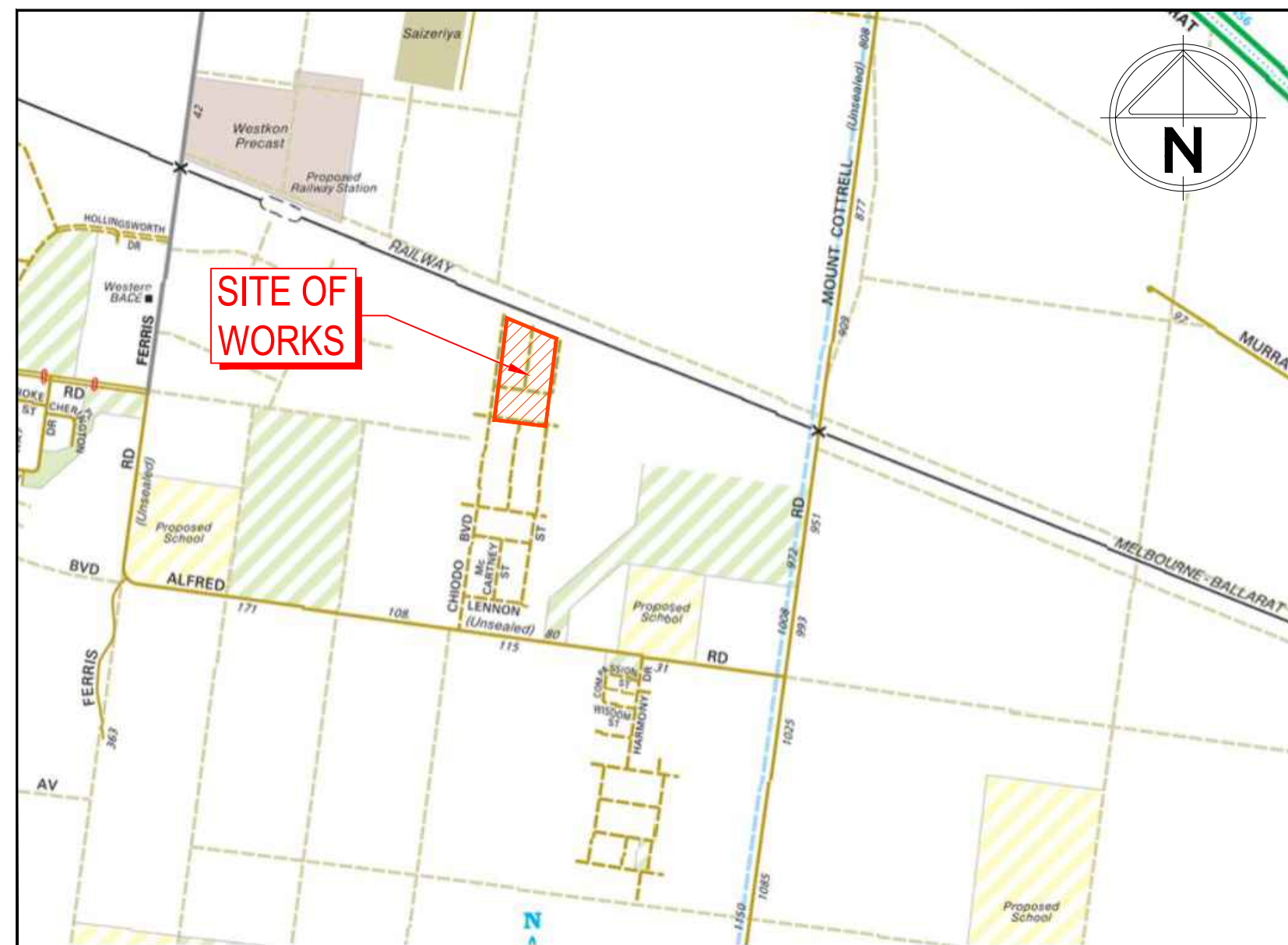
- 4.1. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ENGINEER.
- 4.2. TREES ON LOCALITY RESERVES TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS
- 4.3. 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.
5. **SERVICES & TRENCHING:**
- 5.1. BEFORE COMMENCING WORK ON THE TRENCHES IN EXCESS OF 1.5 METRES DEEP, NOTICE OF SUCH PROPOSAL IS TO BE SENT TO THE PRINCIPAL MINING INSPECTOR, VICTORIA WORKCOVER AUTHORITY IN ACCORDANCE WITH THE MINES ACT 1958 & O.H.S. ACT 2004. A FOREMAN, QUALIFIED AS A NOMINATED PERMITTED MINES MANAGER, MUST BE IN ATTENDANCE AT ALL TIMES DURING SUCH EXCAVATION.
- 5.2. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND EXPOSED/PROVED PRIOR TO COMMENCEMENT OF WORKS, AND THE RELEVANT AUTHORITIES NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF THE WORKS.
- 5.3. ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
- 5.4. WATER CONDUITS ARE TO BE Ø50mm CLASS 12 P.V.C. WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:
 - 5.4.1. ROAD PAVEMENT - 800mm
 - 5.4.2. VERGE, FOOTPATHS - 450mm
- 5.5. ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED WITH 2% CEMENT TREATED CRUSHED ROCK.
- 5.6. WATER TAPPINGS TO BE LOCATED IN CENTRE OF ALLOTMENTS UNLESS OTHERWISE SHOWN. REFER TO WATER DESIGN DRAWINGS FOR NOMINATED OFFSETS.
- 5.7. SERVICE CROSSING LOCATIONS SHALL BE MARKED ON KERBS IN ACCORDANCE WITH EDMC 303
- 5.8. ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES" PUBLICATION (DEVELOPED BY C.F.A, M.F.E.S.B & N.R.E). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.
6. **CONCRETE WORKS:**
- 6.1. FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY
- 6.2. 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 EDMC 401
 - 6.2.1. FOOTPATHS TO BE THICKENED AROUND PITS IN ACCORDANCE WITH EDMC 402
 - 6.2.2. PRAM CROSSINGS AND KERB RAMPS TO BE IN ACCORDANCE WITH EDMC 403
- 6.3. 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 EDMC 501 & EDMC 502
- 6.4. KERB & CHANNEL TO BE IN ACCORDANCE WITH EDMC 301 & 302
- 6.5. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SANDBLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.
- 6.6. 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
					NDW		DW		CABLES		POLES		CABLES		PITS			
			SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET		
SORREL STREET (W-E)	16	1.0*	N	1.7	-	-	N	2.2	S	2.4	N	1.0*	S	1.8	N	1.0*	4.2N / 4.2S	T,E & DW,G
SORREL STREET (N-S)	16	1.0*	E	1.9	-	-	E	2.4	W	2.45	E	1.0*	W	1.85	E	1.0*	4.2W / 4.2E	T,E & DW,G
CAMELLIA STREET	25	1.0*	S	1.7	-	-	S	2.2	N	2.4	S	1.0*	N	1.8	S	1.0*	4.35S / 9.15N	T,E & DW,G
WOLLEMLIA STREET	16	1.0*	W	1.7	-	-	W	2.2	E	2.4	W	1.0*	E	1.8	W	1.0*	4.2W / 4.2E	T,E & DW,G

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

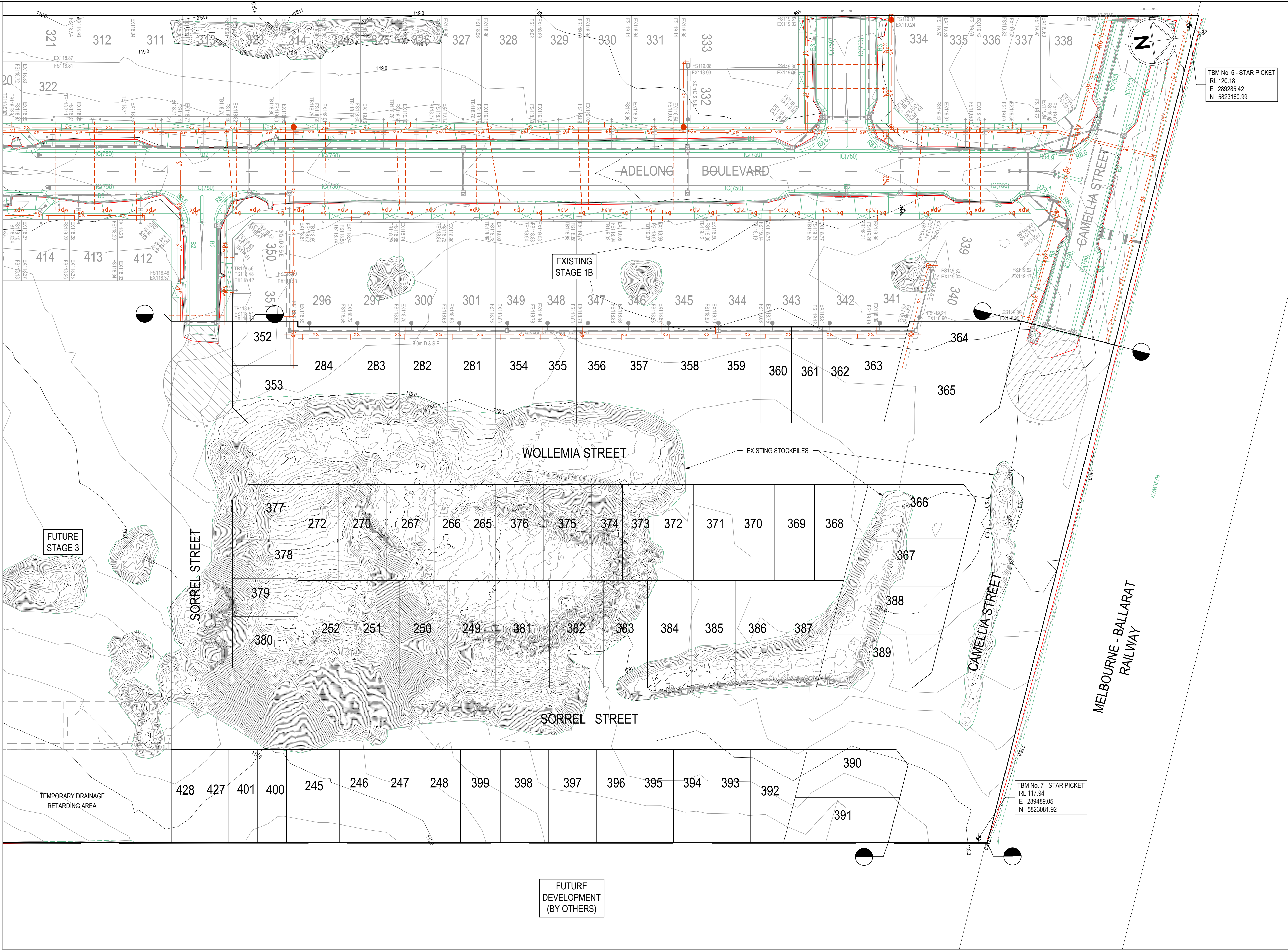


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SHEET INDEX

SHEET NO.	REVISION	DESCRIPTION
1	D	COVER SHEET
2	D	EXISTING CONDITIONS PLAN
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4	D	DETAIL PLAN - 2
5	D	ROAD LONGITUDINAL SECTIONS - 1
6	D	ROAD LONGITUDINAL SECTIONS - 2
7	D	ROAD CROSS SECTIONS - 1 WOLLEMIA STREET
8	D	ROAD CROSS SECTIONS - 2 WOLLEMIA STREET
9	D	ROAD CROSS SECTIONS - 3 WOLLEMIA STREET
10	D	ROAD CROSS SECTIONS - 4 WOLLEMIA STREET
11	D	ROAD CROSS SECTIONS - 5 WOLLEMIA STREET
12	D	ROAD CROSS SECTIONS - 6 WOLLEMIA STREET
13	D	ROAD CROSS SECTIONS - 7 WOLLEMIA STREET
14	D	ROAD CROSS SECTIONS - 8 SORREL STREET
15	D	ROAD CROSS SECTIONS - 9 SORREL STREET
16	D	ROAD CROSS SECTIONS - 10 SORREL STREET
17	D	ROAD CROSS SECTIONS - 11 SORREL STREET
18	D	ROAD CROSS SECTIONS - 12 SORREL STREET
19	D	ROAD CROSS SECTIONS - 13 SORREL STREET
20	D	ROAD CROSS SECTIONS - 14 SORREL STREET
21	D	ROAD CROSS SECTIONS - 15 SORREL STREET
22	D	ROAD CROSS SECTIONS - 16 SORREL STREET
23	D	ROAD CROSS SECTIONS - 17 SORREL STREET
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D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022	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 27.10.2022 B. KEYES CHECKED 27.10.2022 T. BARBOUR AUTHORISED 27.10.2022 T. BARBOUR MELWAYS 343 H6 POS No: PS81346/R	80-106 ALFRED RD COBBLEBANK ROBINSONS RISE - STAGE 2 CITY OF MELTON COVER SHEET
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021					
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021					
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021					
REV.	AMENDMENTS	APPD	DATE					



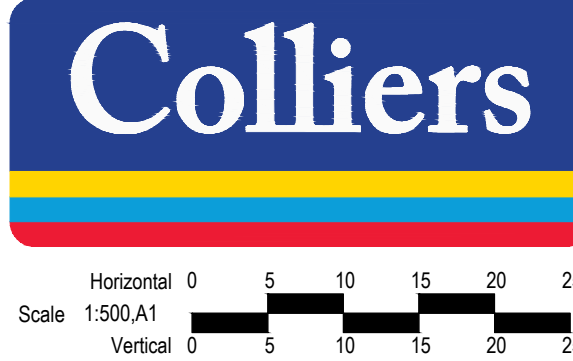
- LEGEND:**
- xw EXISTING WATER MAIN
 - xwr EXISTING RECYCLED WATER MAIN
 - xe EXISTING UNDERGROUND ELECTRICITY
 - xe(oh) EXISTING OVERHEAD ELEC & POLE
 - xt EXISTING TELSTRA & SERVICE PIT
 - xof EXISTING OPTIC FIBRE
 - xg EXISTING GAS MAIN
 - xs EXISTING FENCE
 - xsrm EXISTING SEWER & MANHOLE
 - xsrm EXISTING SEWER RISING MAIN
 - Ex 4500 EXISTING STORMWATER DRAIN & PIT
 - H EXISTING HOUSE DRAIN
 - 168.90 EXISTING SURFACE CONTOUR MINOR
 - 169.00 EXISTING SURFACE CONTOUR MAJOR
 - EXISTING TOP OF BATTER
 - EXISTING TOE OF BATTER
 - EXISTING FOOTPATH
 - SM2 EXISTING BUILDING
 - EXISTING KERB & CHANNEL - TYPE
 - EXISTING SIGN AND POST
 - EXISTING PERMANENT SURVEY MARK
 - ROAD RESERVE
 - LOT BOUNDARY
 - EXISTING EASEMENT
 - 100 YEAR FLOW ARROW
 - TEMPORARY BENCH MARK (TBM)
 - PROPOSED PERMANENT SURVEY MARK
 - EXISTING TREE TO BE RETAINED (SURVEYED CANOPY)
 - EXISTING TREE TO BE REMOVED



MELTON
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
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PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MELWAYS	343 H6
STATUS	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
EXISTING CONDITIONS PLAN

APPROVAL	128702RD02	SHEET No.	2 OF 47
REV.	D		

REV.	AMENDMENTS	DATE	APPD	REV.
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	04.10.2022	T. BARBOUR	
C	COUNCIL AMENDMENTS	29.04.2021	K. ROGERS	
B	COUNCIL AMENDMENTS	07.04.2021	K. ROGERS	
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REV.	128702RD03	APPROVAL
D		

128702RD03

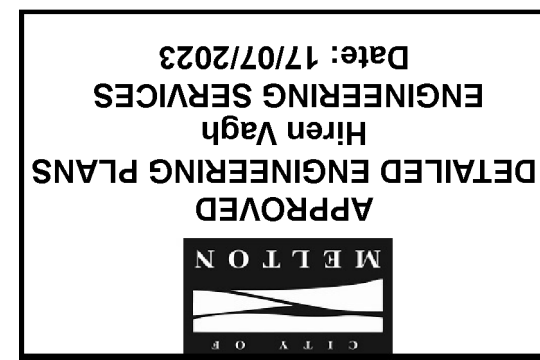
APPROVAL

DESIGNED: A. CHUDLEIGH
CHECKED: B. KEYS
DATE: 27.10.2022

DRAWN: T. BARBOUR
DATE: 27.10.2022

PROJECT: 128702RD03

SHEET NO: 3 OF 47

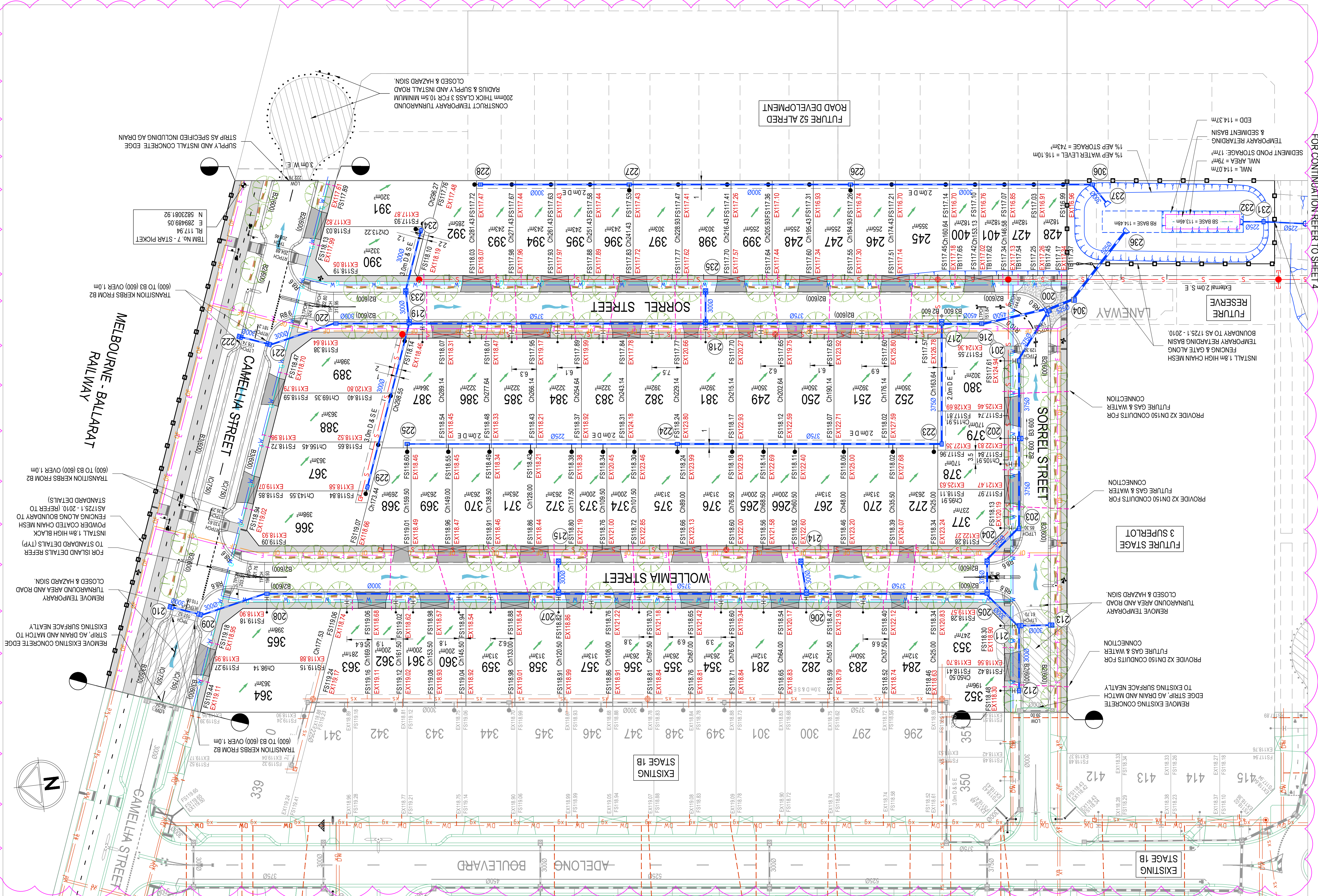


APPROVED
DETAILED ENGINEERING PLANS

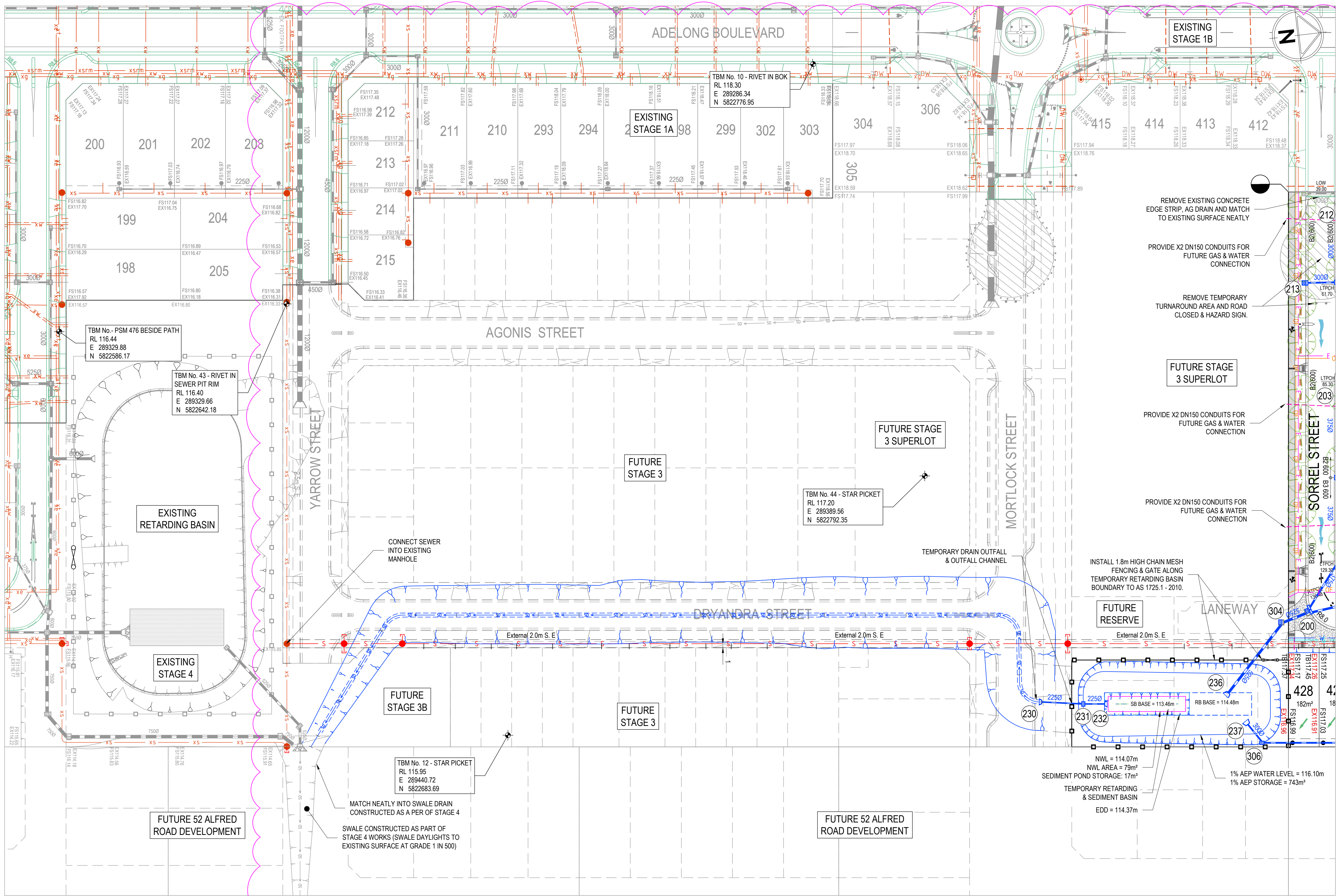
Hiren Vagh
ENGINEERING SERVICES

Date: 17/07/2023

- LEGEND:**
- EXISTING WATER MAIN
 - EXISTING RECYCLED WATER MAIN
 - EXISTING UNDERGROUND ELECTRICITY
 - EXISTING OVERHEAD ELEC & POLE
 - EXISTING TELSTRAS & SERVICE PIT
 - EXISTING GAS MAIN
 - EXISTING FENCE
 - EXISTING SEWER & MANHOLE
 - EXISTING STORMWATER DRAIN & PIT
 - EXISTING HOUSE DRAIN
 - EXISTING TOP OF BATTER
 - EXISTING KERB
 - EXISTING FOOTPATH
 - EXISTING FILL LEVEL
 - EXISTING SURFACE LEVEL
 - EXISTING SURFACE LEVEL
 - EXISTING BUILDING
 - EXISTING SIGN AND POST
 - EXISTING PERMANENT SURVEY MARK
 - ROAD RESERVE
 - LOT BOUNDARY
 - EASEMENT
 - KERB & CHANNEL - TYPE
 - SAWCUT PAVEMENT
 - CONCRETE EDGE STRIP
 - ALLOTMENT NUMBER
 - ROAD CHANGING
 - TANGENT POINT CHAINAGE
 - SET-OUT POINT
 - PROPOSED WATER MAIN
 - PROPOSED RECYCLED WATER MAIN
 - PROPOSED TELSTRA
 - PROPOSED OPTIC FIBRE CONDUIT
 - PROPOSED GAS MAIN
 - PROPOSED SEWER
 - PROPOSED SEWER RISING MAIN
 - PROPOSED STORMWATER DRAIN & PIT
 - PROPOSED HOUSE DRAIN
 - PROPOSED DRAINAGE INLET
 - PIT NUMBER
 - DRAINAGE OFFSET
 - PROPOSED FOOTPATH
 - PROPOSED INDUSTRIAL DRIVEWAY
 - GAS & WATER CONDUIT
 - PROPOSED AG DRAIN & FLUSHER PIT
 - 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
 - RIDGE / CHANGE OF GRADE
 - PROPOSED PASSIVE IRRIGATION TREE
 - PROPOSED NON-PASSIVE TREE
 - CRUSHED ROCK TURNDOWN
 - EXCAVATION GREATER THAN 300mm
 - FILLING GREATER THAN 300mm



FOR CONTINUATION REFER TO SHEET 4



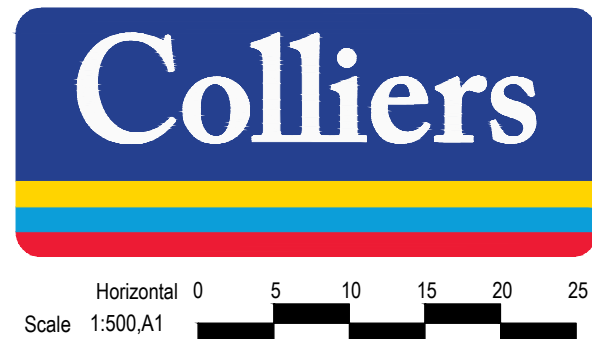
- LEGEND:**
- EXISTING WATER MAIN
 - EXISTING RECYCLED WATER MAIN
 - EXISTING UNDERGROUND ELECTRICITY
 - EXISTING OVERHEAD ELEC & POLE
 - EXISTING TELSTRA & SERVICE PIT
 - EXISTING OPTIC FIBRE
 - EXISTING GAS MAIN
 - EXISTING FENCE
 - EXISTING SEWER & MANHOLE
 - EXISTING SEWER RISING MAIN
 - EXISTING STORMWATER DRAIN & PIT
 - EXISTING HOUSE DRAIN
 - EXISTING TOP OF BATTER
 - EXISTING TOE OF BATTER
 - EXISTING KERB
 - EXISTING FOOTPATH
 - EXISTING FILL LEVEL
 - EXISTING SURFACE LEVEL
 - FINISHED SURFACE LEVEL
 - TOP/TOE OF BATTER LEVEL
 - EXISTING BUILDING
 - EXISTING SIGN AND POST
 - EXISTING PERMANENT SURVEY MARK
 - ROAD RESERVE
 - LOT BOUNDARY
 - EASEMENT
 - KERB & CHANNEL + TYPE
 - SAWCUT PAVEMENT
 - CONCRETE EDGE STRIP
 - ALLOTMENT NUMBER
 - ROAD CHAINAGE
 - TANGENT POINT CHAINAGE
 - SET-OUT POINT
 - PROPOSED WATER MAIN
 - PROPOSED RECYCLED WATER MAIN
 - PROPOSED ELECTRICITY
 - PROPOSED TELSTRA
 - PROPOSED OPTIC FIBRE CONDUIT
 - PROPOSED GAS MAIN
 - PROPOSED SEWER
 - PROPOSED SEWER RISING MAIN
 - PROPOSED STORMWATER DRAIN & PIT
 - PROPOSED HOUSE DRAIN
 - PROPOSED DRAINAGE INLET
 - PIT NUMBER
 - DRAINAGE OFFSET
 - PROPOSED FOOTPATH
 - PROPOSED DRIVEWAY
 - PROPOSED INDUSTRIAL DRIVEWAY
 - GAS & WATER CONDUIT
 - PROPOSED AG DRAIN & FLUSHER PIT
 - PROPOSED CATCH DRAIN
 - 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
 - RIDGE / CHANGE OF GRADE
 - PROPOSED PASSIVE IRRIGATION TREE
 - CRUSHED ROCK TURNAROUND
 - EXCAVATION GREATER THAN 300mm
 - FILLING GREATER THAN 300mm

FOR CONTINUATION REFER TO SHEET 3



REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

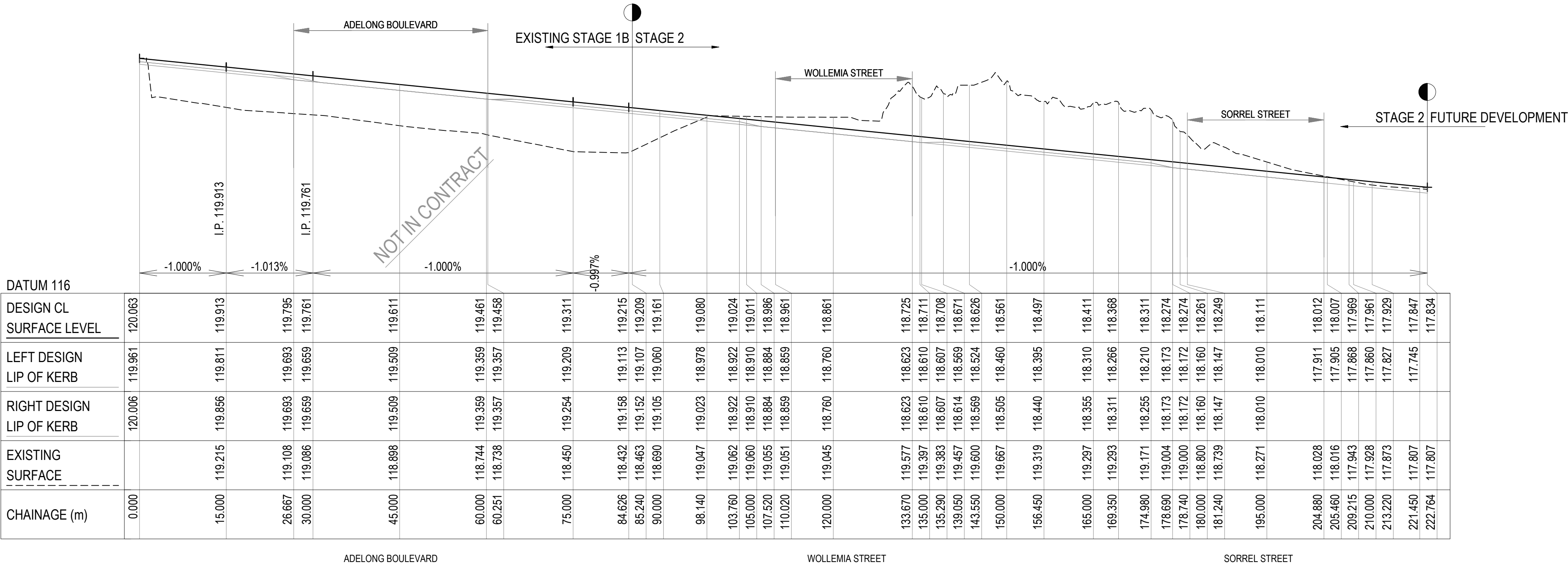
WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION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



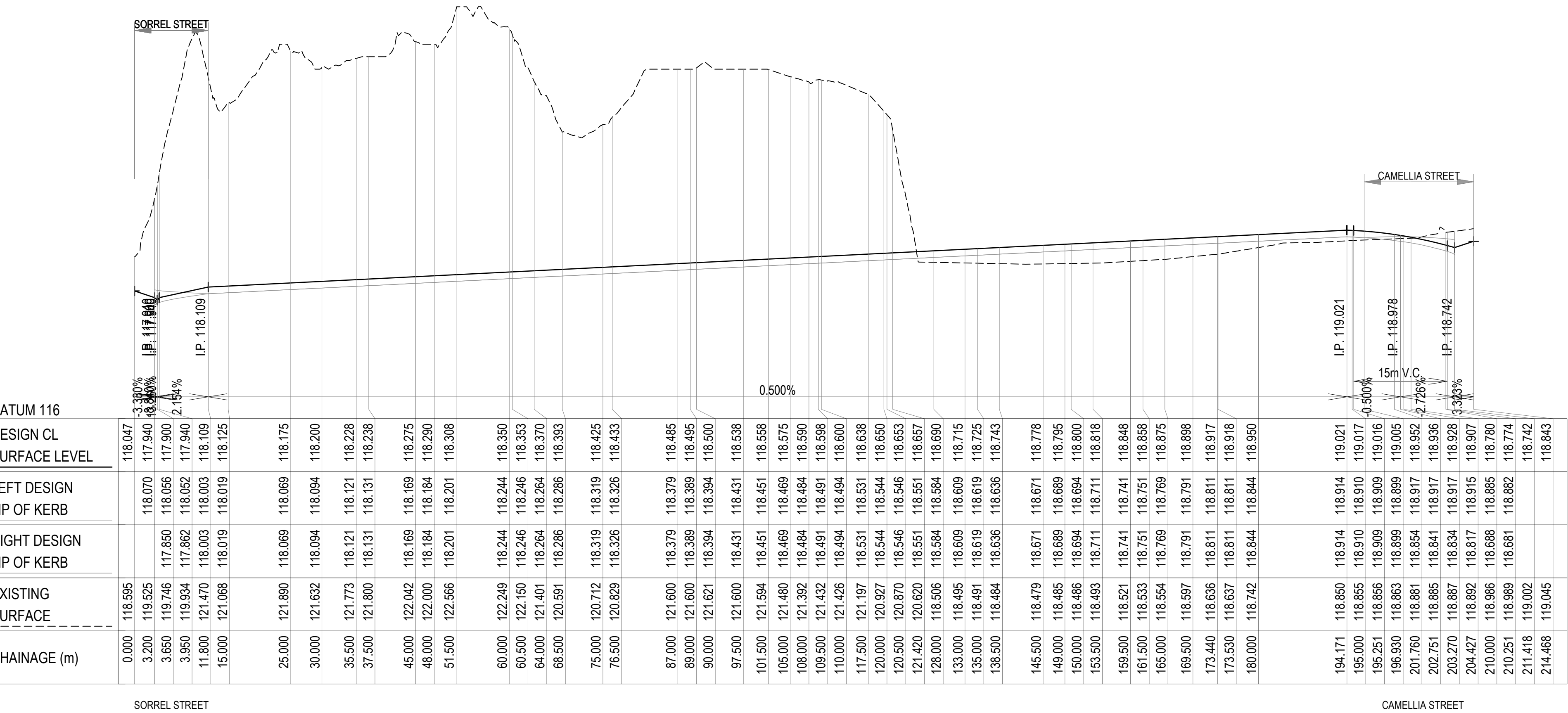
PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MEASUREMENTS	27.10.2022
POS. NO.	943 HB
STATUS	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
DETAIL PLAN - 2

APPROVAL	128702RD04	SHEET NO.	4 OF 47
REV.	D		



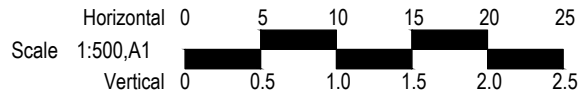
CAMELLIA STREET - LONGITUDINAL SECTION



WOLLEMIA STREET - LONGITUDINAL SECTION

D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APP'D	DATE

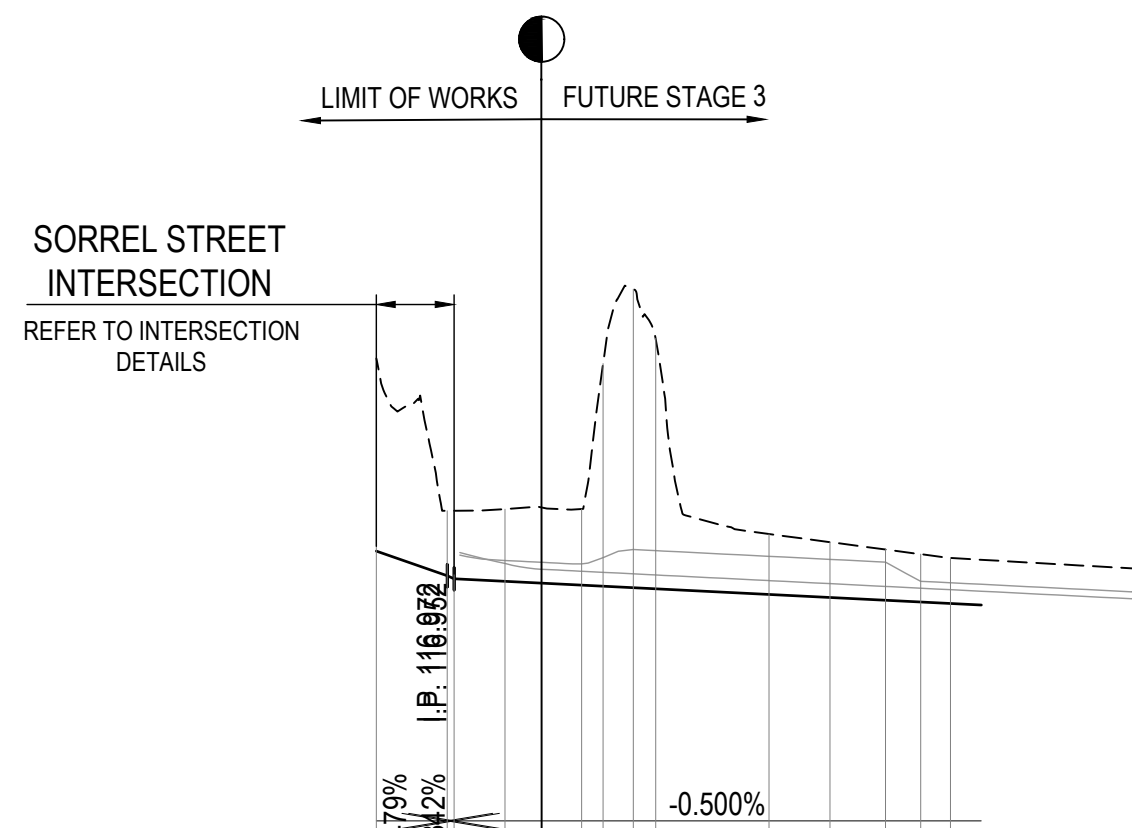
© 2020 PEAKURBAN Vic Pty Ltd
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PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MELWAYS	343 H6
POS No.	PS813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD LONGITUDINAL SECTIONS - 1

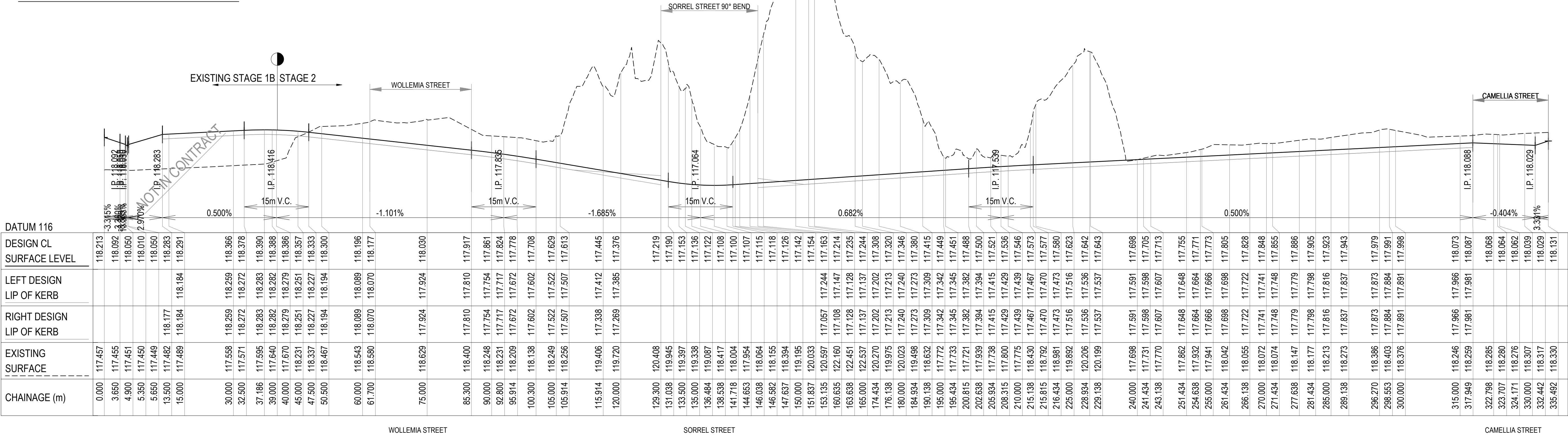
APPROVAL	128702RD05	SHEET No.	5 OF 47
REV.	D		



DATUM 115	
DESIGN CL SURFACE LEVEL	117.135 116.972 116.952 116.935 116.923 116.910 116.903 116.893 116.885 116.848 116.828 116.809 116.798 116.788
LEFT DESIGN LIP OF KERB	117.063 117.014 117.001 116.994 116.984 116.977 116.939 116.919 116.901 116.895 116.879
RIGHT DESIGN LIP OF KERB	117.073 117.060 117.050 116.991 116.984 116.977 116.939 116.919 116.901 116.895 116.879
EXISTING SURFACE	118.409 117.401 117.401 117.412 117.423 117.413 117.375 118.541 117.247 117.194 117.145 117.114 117.089
CHAINAGE (m)	0.000 4.689 5.142 8.507 10.931 13.581 15.000 17.000 18.475 25.975 30.000 33.674 36.000 37.974



LANEWAY - LONGITUDINAL SECTION



SORREL STREET - LONGITUDINAL SECTION

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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PM	A. CHUDLEIGH
DESIGNED	27.10.2022
B. KEYES	
CHECKED	27.10.2022
T. BARBOUR	
AUTHORISED	27.10.2022
T. BARBOUR	
MELBOURNE	343 HB
POS No:	P5813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD LONGITUDINAL SECTIONS - 2

APPROVAL

128702RD06

REV.	D
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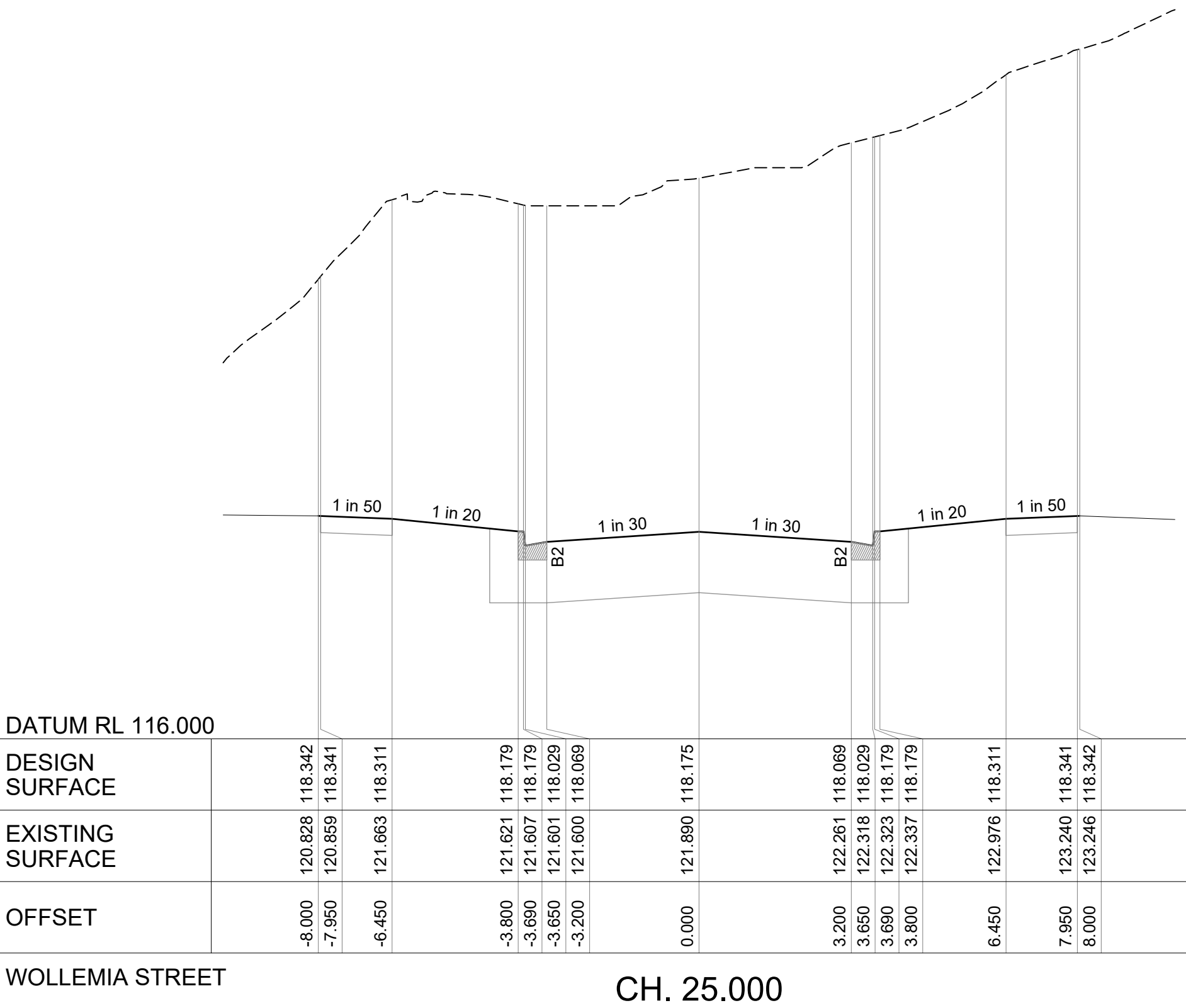
SHEET No: 6 OF 47

LEGEND

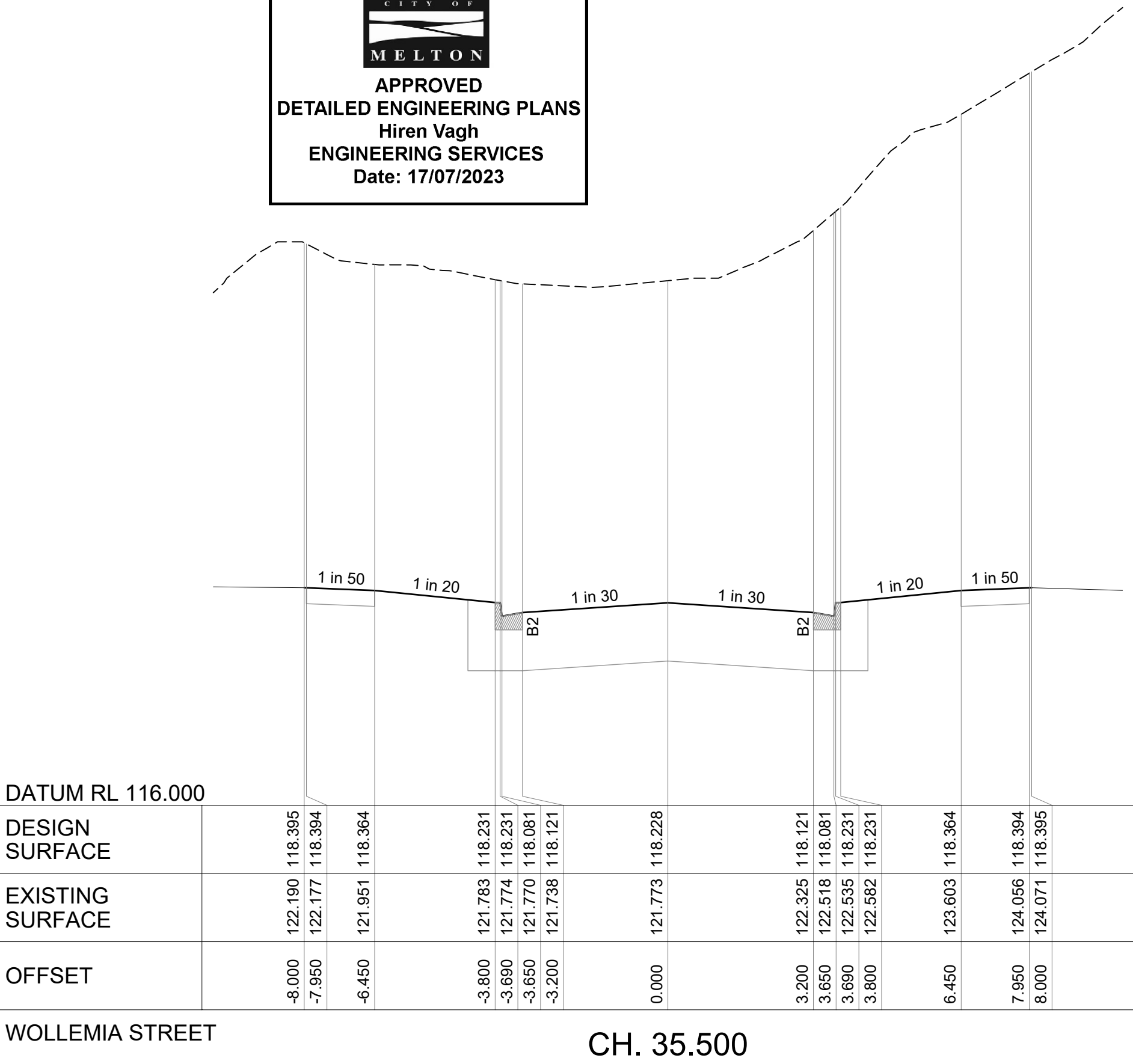
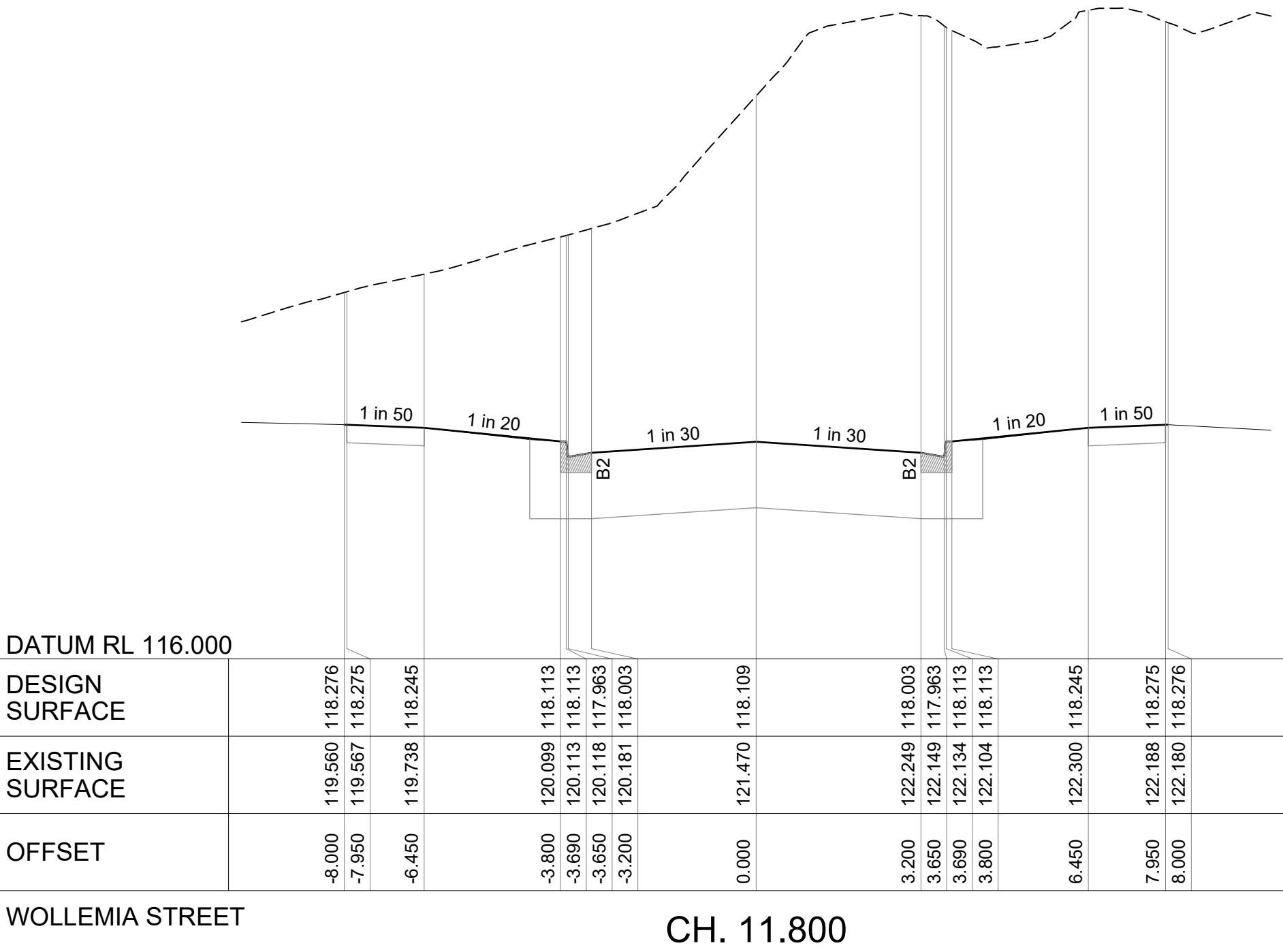
DESIGN SURFACE

EXISTING SURFACE

ROAD BOXING



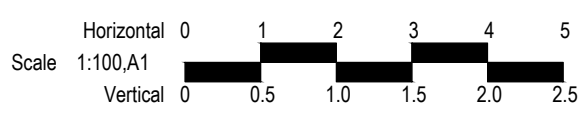
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APP'D	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

© 2020 PEAKURBAN V6 Pty Ltd
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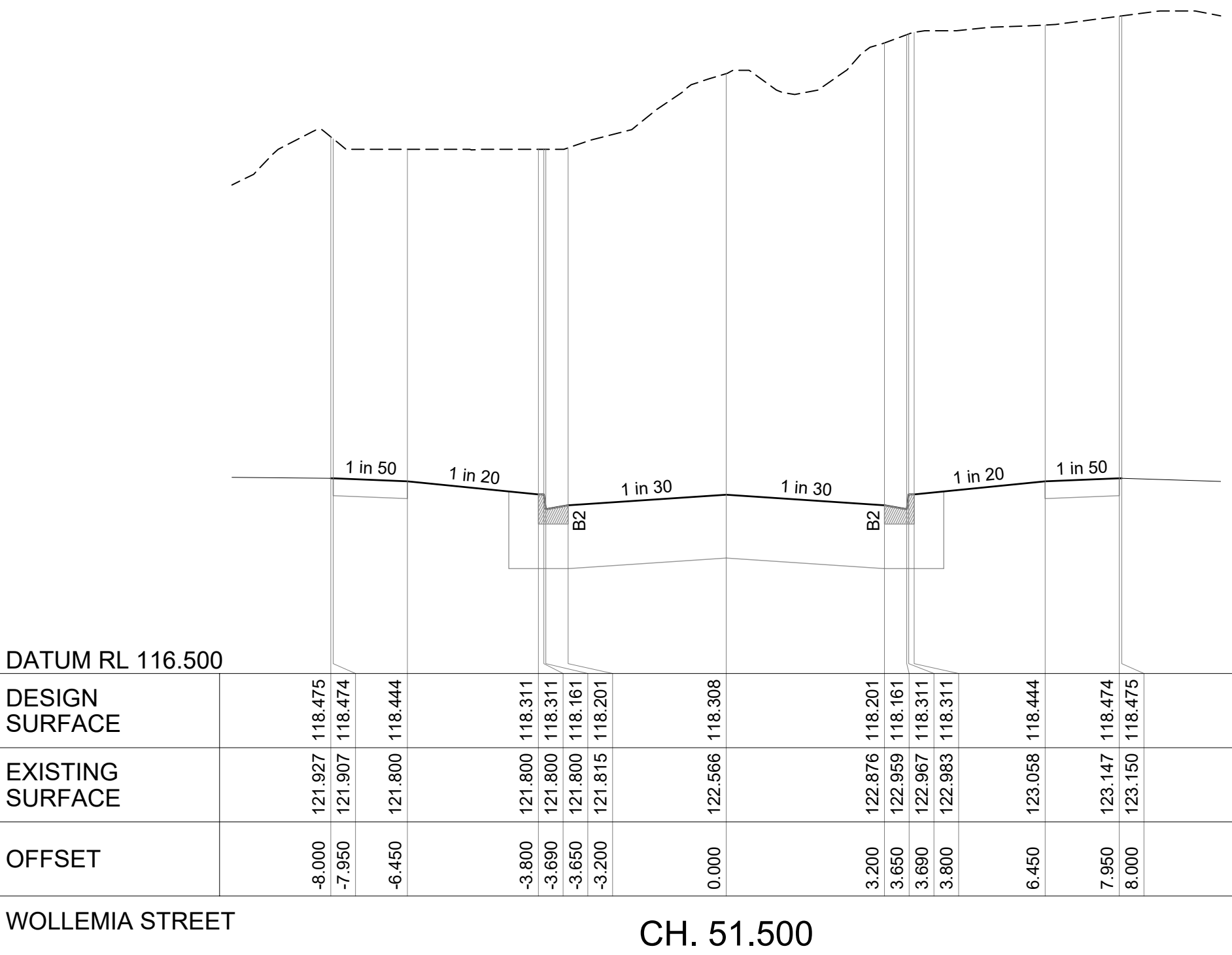
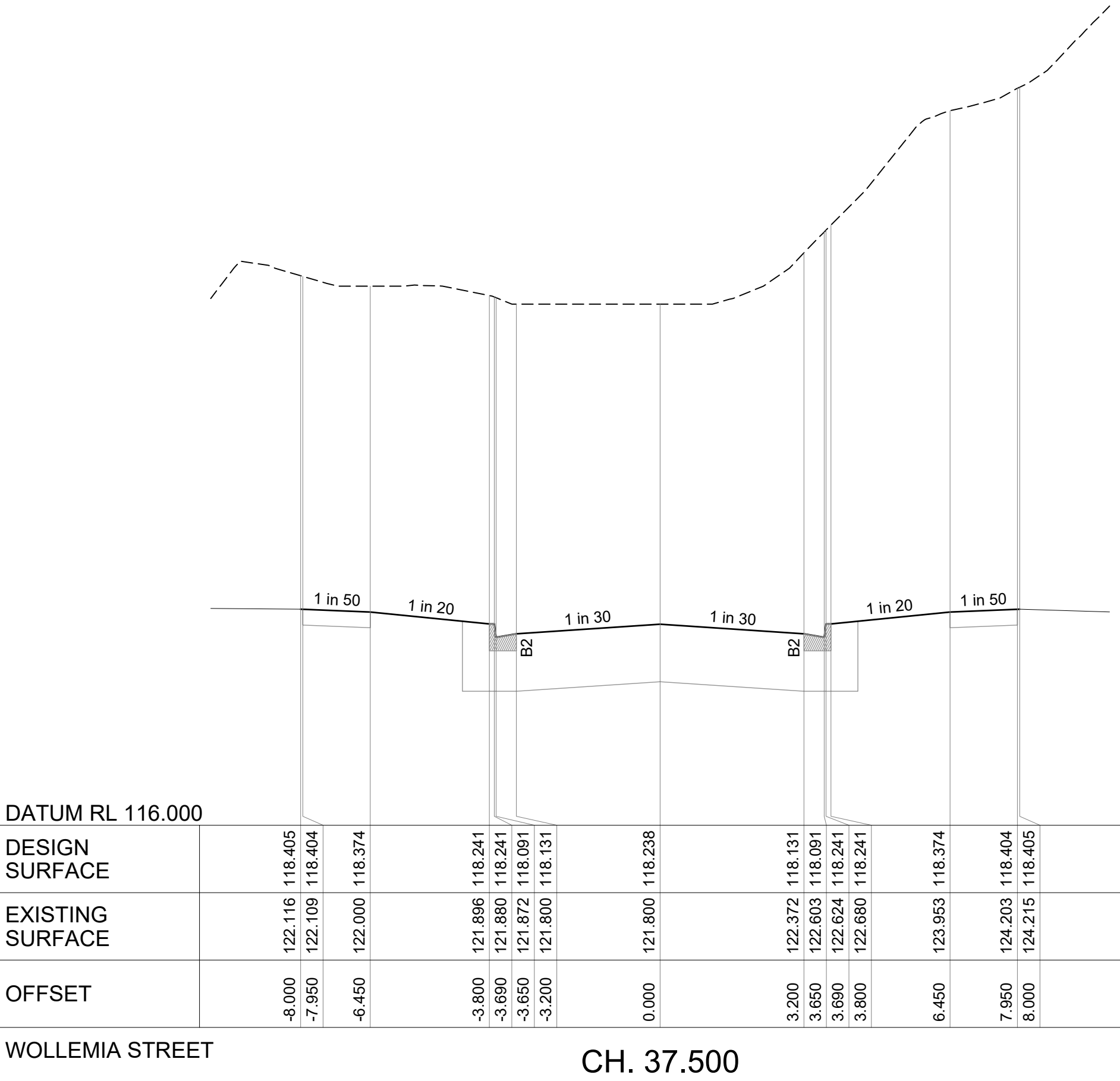
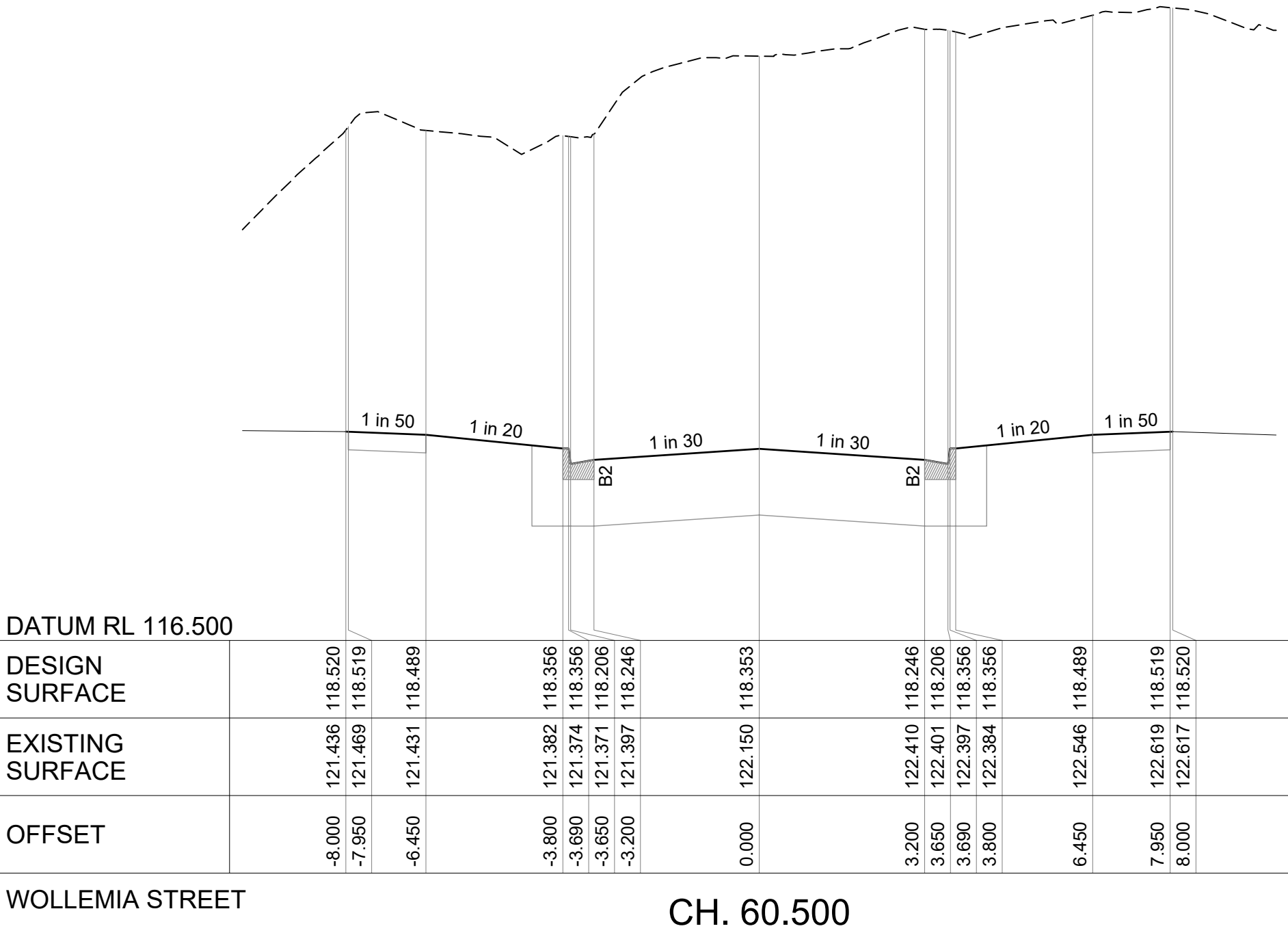
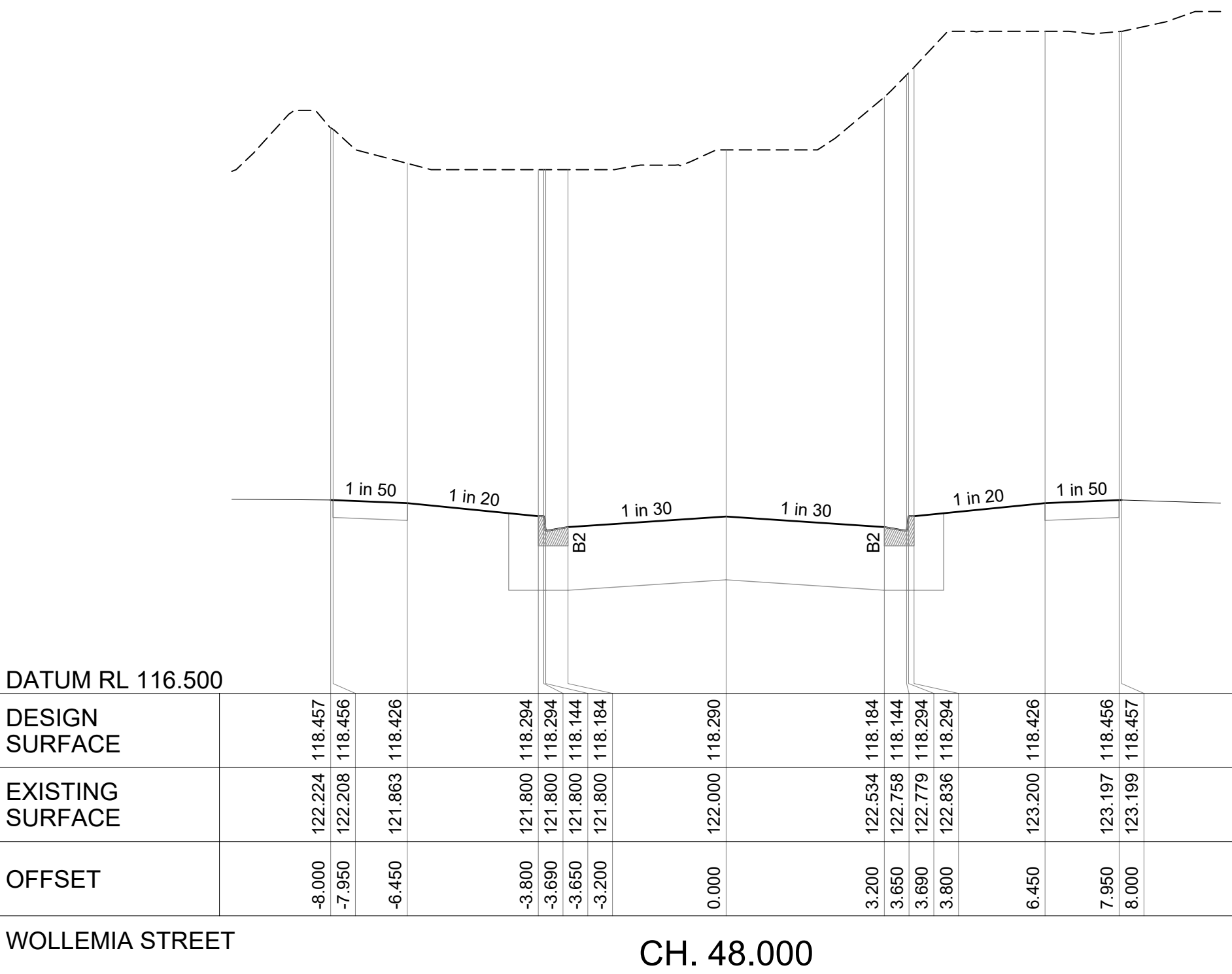
PM	A. CHUDLEIGH	80-106 ALFRED RD COBBLEBANK ROBINSONS RISE - STAGE 2 CITY OF MELTON ROAD CROSS SECTIONS - 1 WOLLEMIA STREET		
DESIGNED	27.10.2022			
	B. KEYES			
CHECKED	27.10.2022			
	T. BARBOUR			
AUTHORISED	27.10.2022			
	T. BARBOUR			
MELWAYS	343 H6			
POS No.	PSB13467R			
STATUS:	APPROVAL	128702RD07	SHEET No.	7 OF 47
			REV.	D

LEGEND

DESIGN SURFACE

EXISTING SURFACE

ROAD BOXING



APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

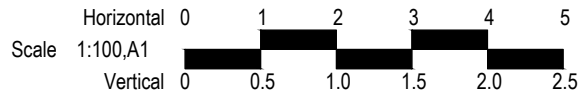
© 2020 PEAKURBAN Vic Pty Ltd
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PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MEASUREMENTS	343 H6
STATUS	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 2
WOLLEMIA STREET

APPROVAL	128702RD08	REV.	D
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DESIGN SURFACE
EXISTING SURFACE
ROAD BOXING



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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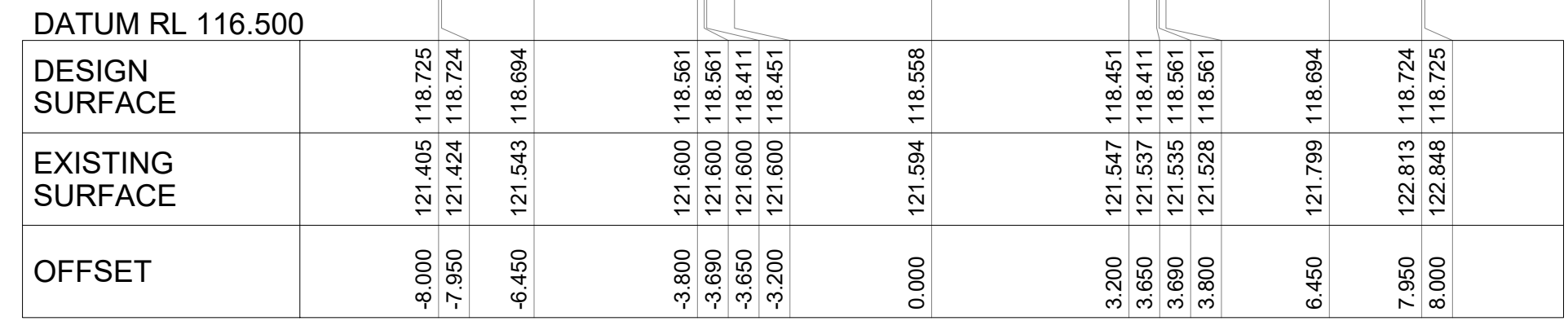
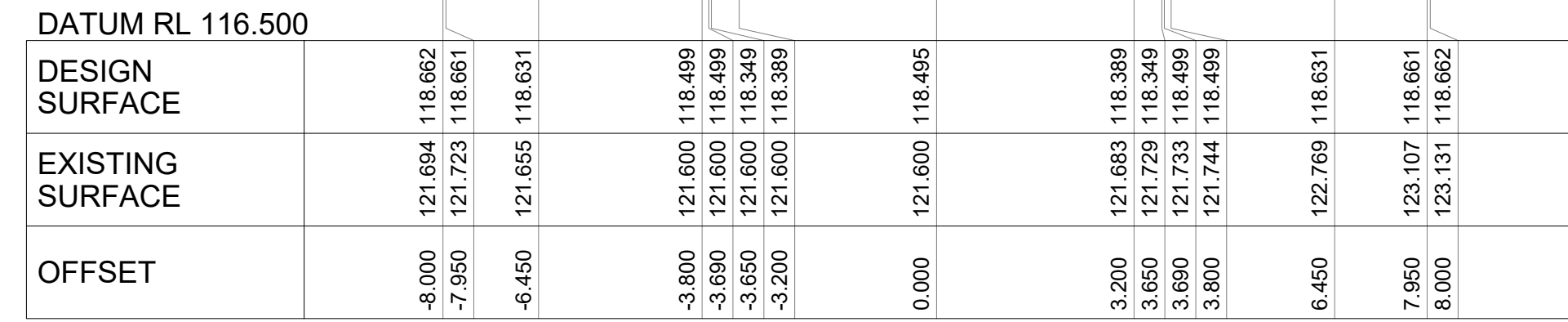
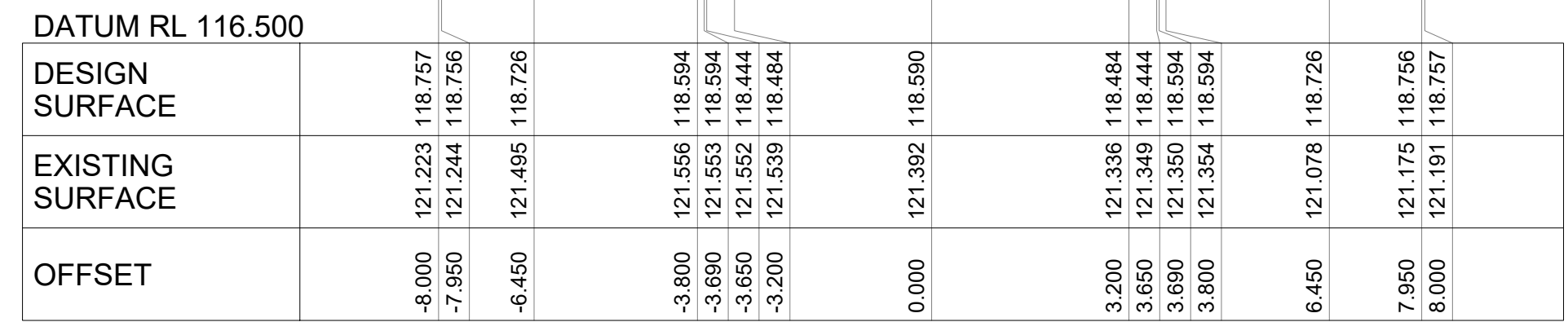
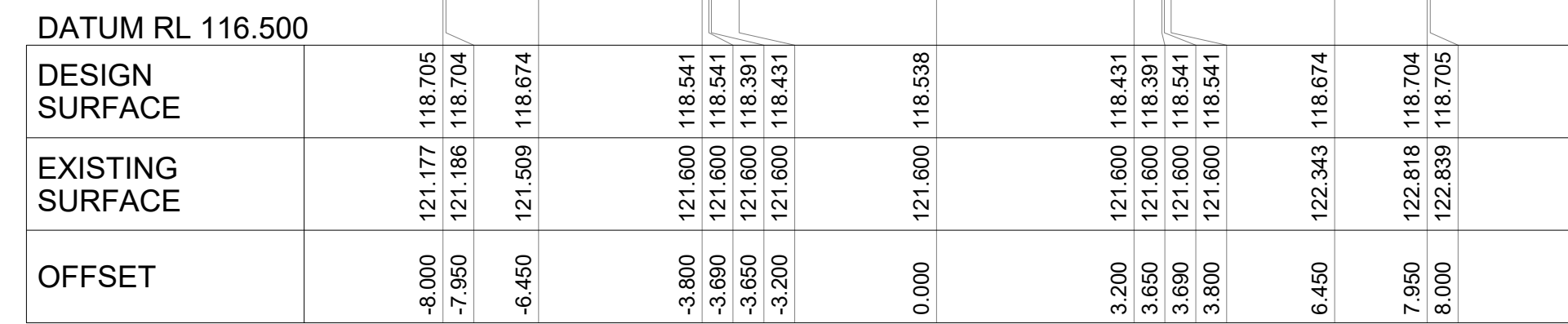
PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 H6
POS No.:	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 3
WOLLEMBIA STREET

STATUS:	APPROVAL
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128702RD09

SHEET No.	9 OF 47
REV	D



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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FILE: J:\1245 workspace\data\AUMEL\SQL\01\128702_789\PM02 DESIGN\01 DESIGN\ACAD\128702-RD4-XS.dwg LAYOUT: RD4-04 PLOTTED BY: Taratula, Max PLOT DATE: 1/3/2023 9:24 AM



Figure 1 is a 2D grid representing the horizontal and vertical scales for the 1:100 A1 drawing. The horizontal scale ranges from 0 to 5, and the vertical scale ranges from 0 to 2.5. The grid is composed of 10 columns and 5 rows of squares. The horizontal scale is labeled 'Horizontal' and the vertical scale is labeled 'Vertical'. The grid is labeled 'Scale 1:100, A1'.

PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 H6
POS No.:	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 4
WOLLEMIA STREET

APPROVAL

128702RD10

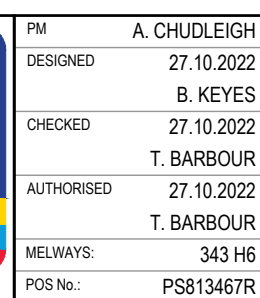
SHEET No.	10 OF 47
REV.	D

 DESIGN SURFACE
 EXISTING SURFACE
 ROAD BOXING



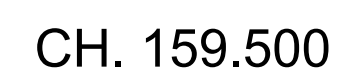
REV.	AMENDMENTS	APP'D	DATE
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APPROVAL	128702RD11	SHEET NO.	11 OF 47
		REV	D

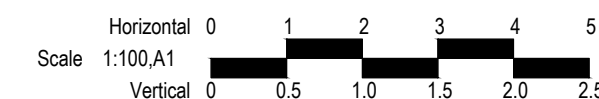
SHEET No.	11 OF 47
REV	D



NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.



ROBINSONS
RISE



STATUS: **APPR**

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 6
WOLLEMIA STREET

APPROVAL

128702RD12

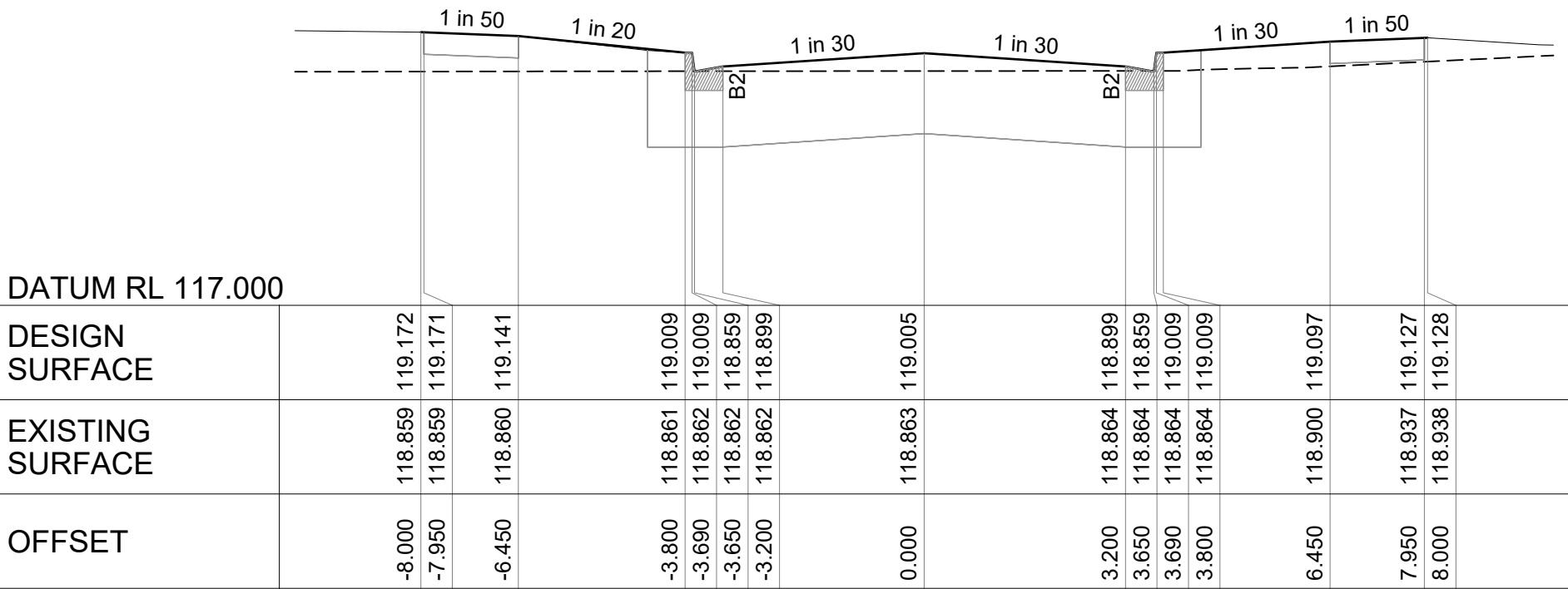
ET No.	12 OF 47
REV.	D

LEGEND

DESIGN SURFACE

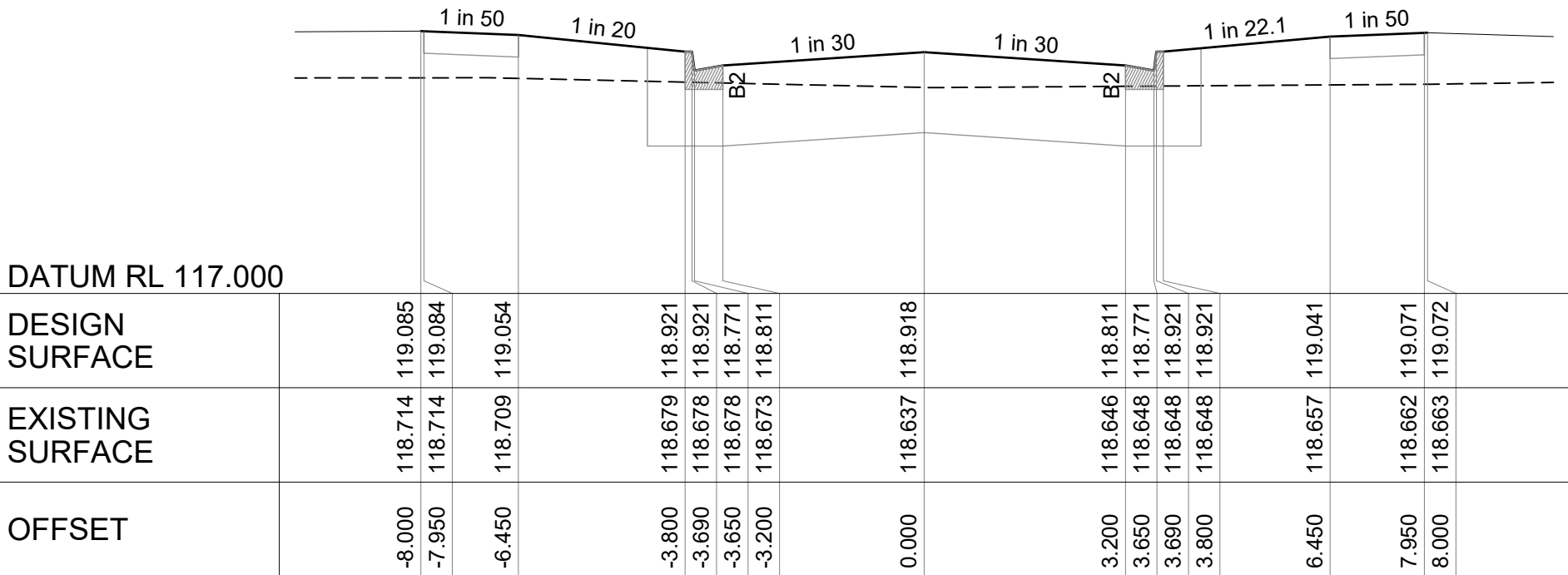
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ROAD BOXING



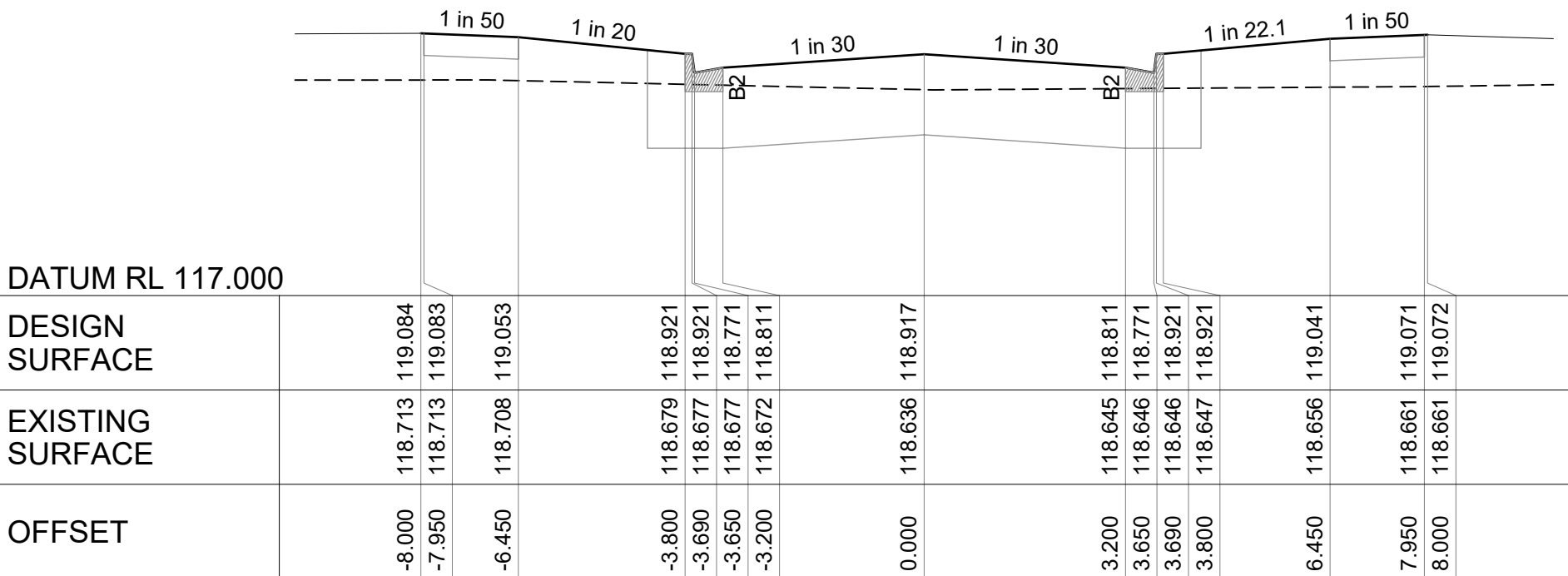
WOLLEMIA STREET

CH. 196.930



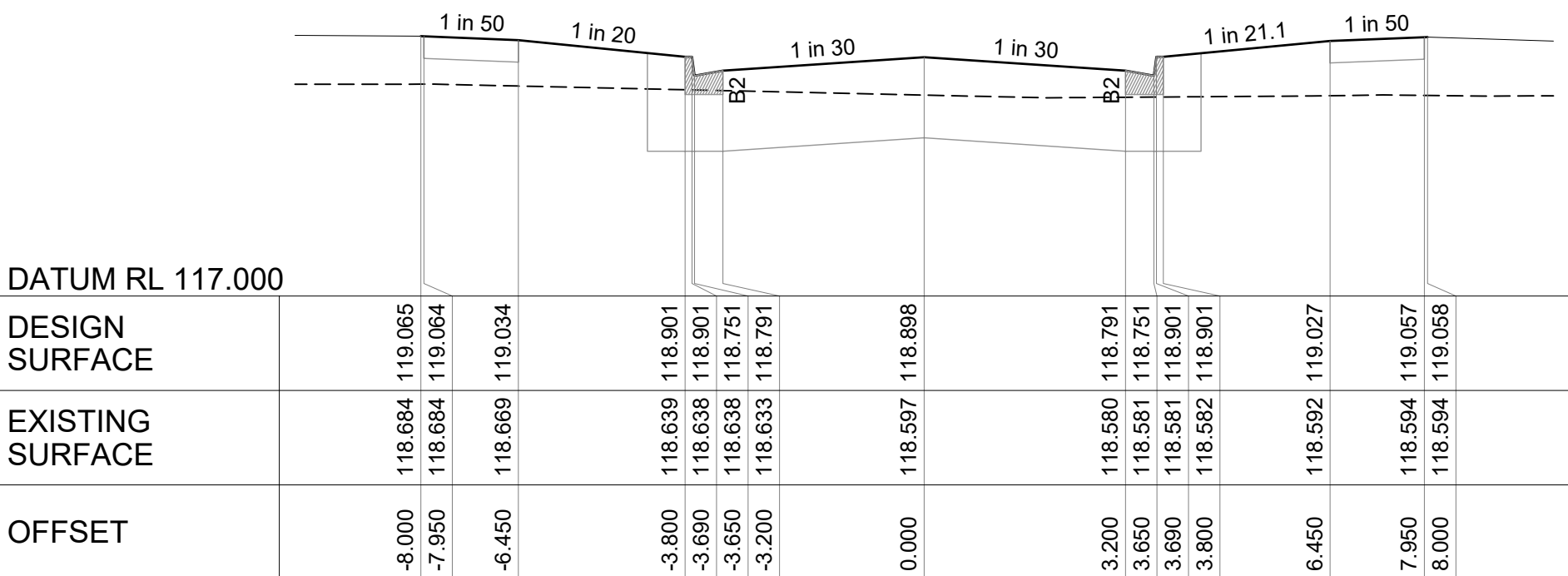
WOLLEMIA STREET

CH. 173.530



WOLLEMIA STREET

CH. 173.440



WOLLEMIA STREET

CH. 169.500

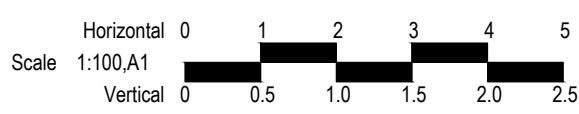
MELTON

APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023

D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APP'D	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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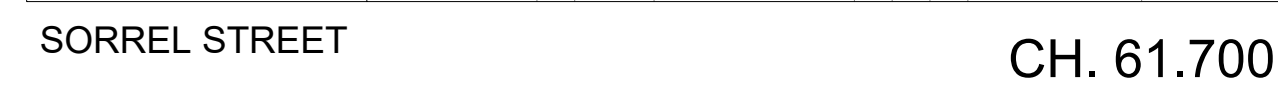
PM	A. CHUDLEIGH
DESIGNED	27.10.2022
B. KEYES	
CHECKED	27.10.2022
T. BARBOUR	
AUTHORISED	27.10.2022
T. BARBOUR	
MELWAYS	343 HB
POS No.	PS813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 7
WOLLEMIA STREET

APPROVAL

128702RD13

SHEET No.	13 OF 47
REV.	D



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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Horizontal 0 1 2 3 4
Scale 1:100 A1
Vertical 0 0.5 1.0 1.5 2.0 2.5

PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 H6
POS No.:	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 8
SORREL STREET

5	POS No.: PS81346/R			SHEET No.	14 OF 47
5	STATUS:	APPROVAL	128702RD14	REV.	D

LEGEND

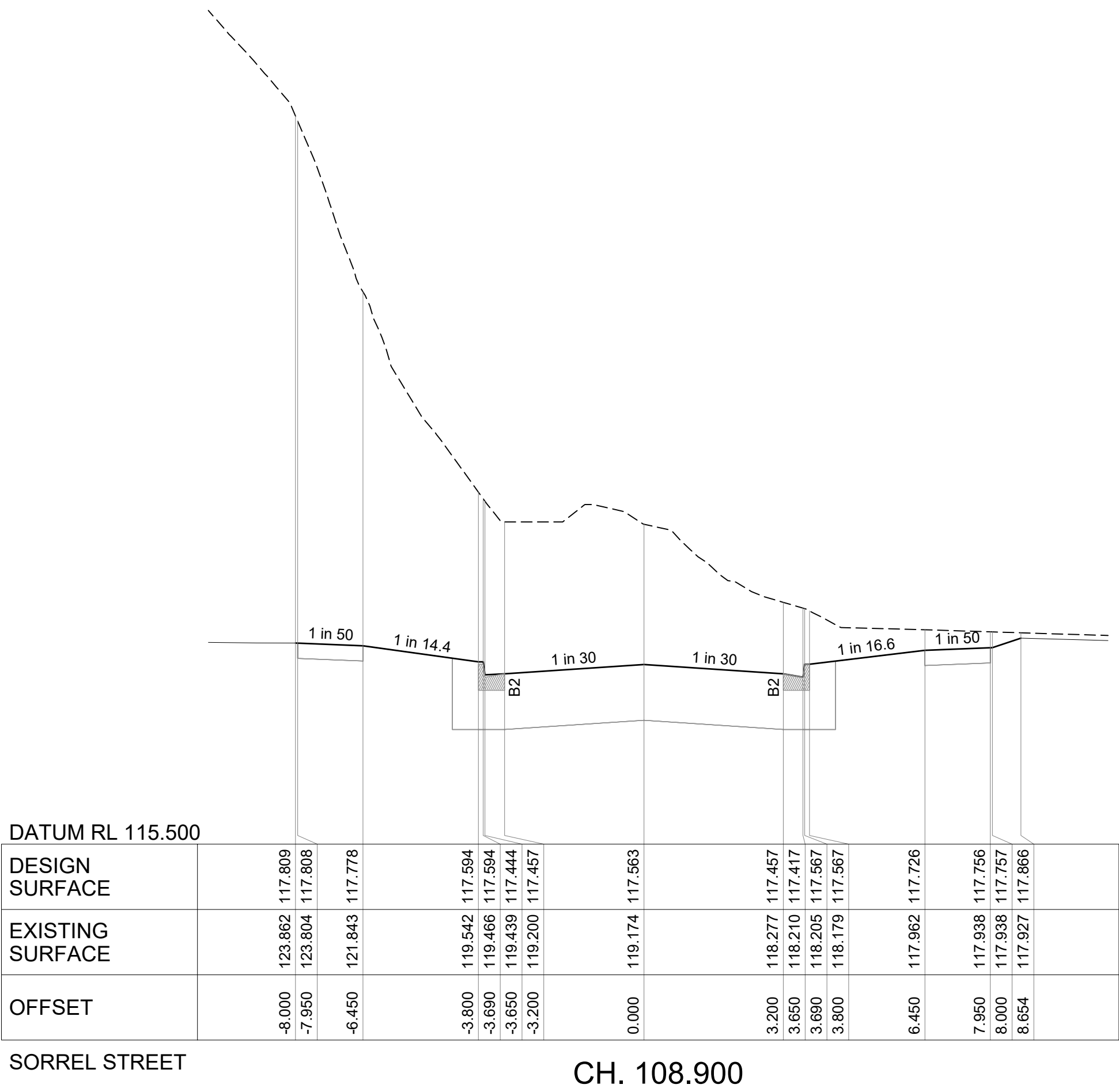
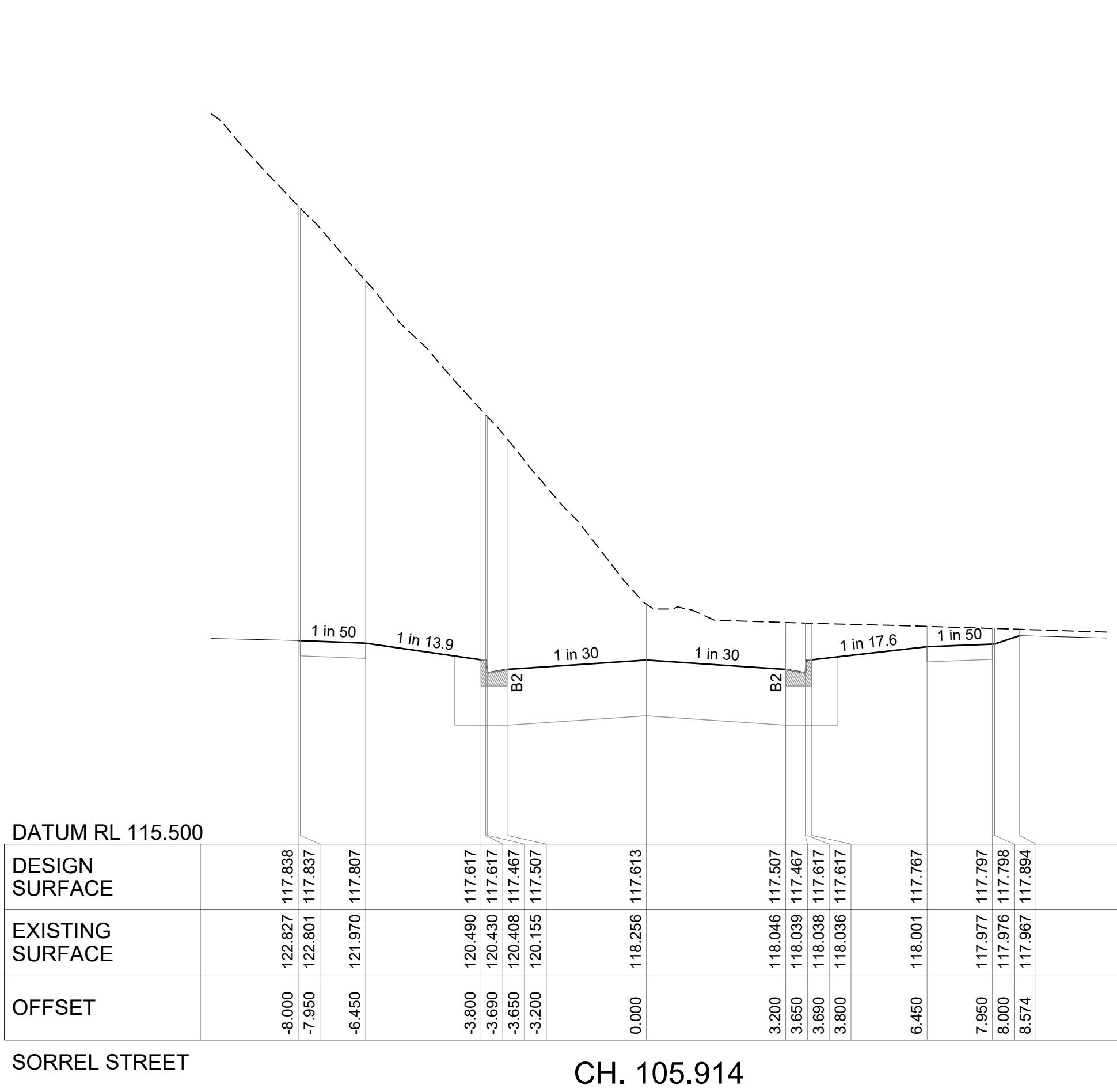
DESIGN SURFACE

EXISTING SURFACE

ROAD BOXING

MELTON

APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APP'D	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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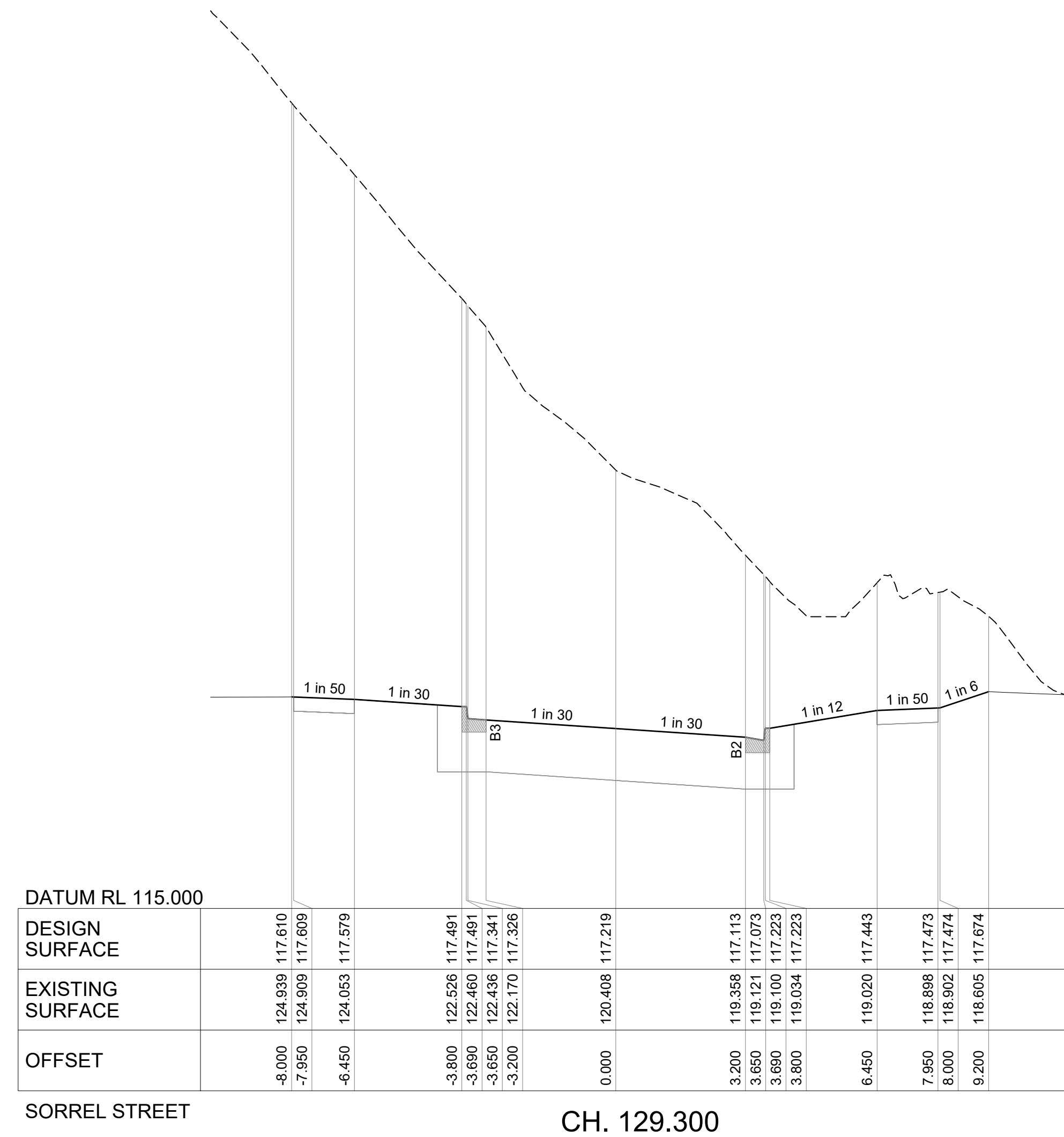
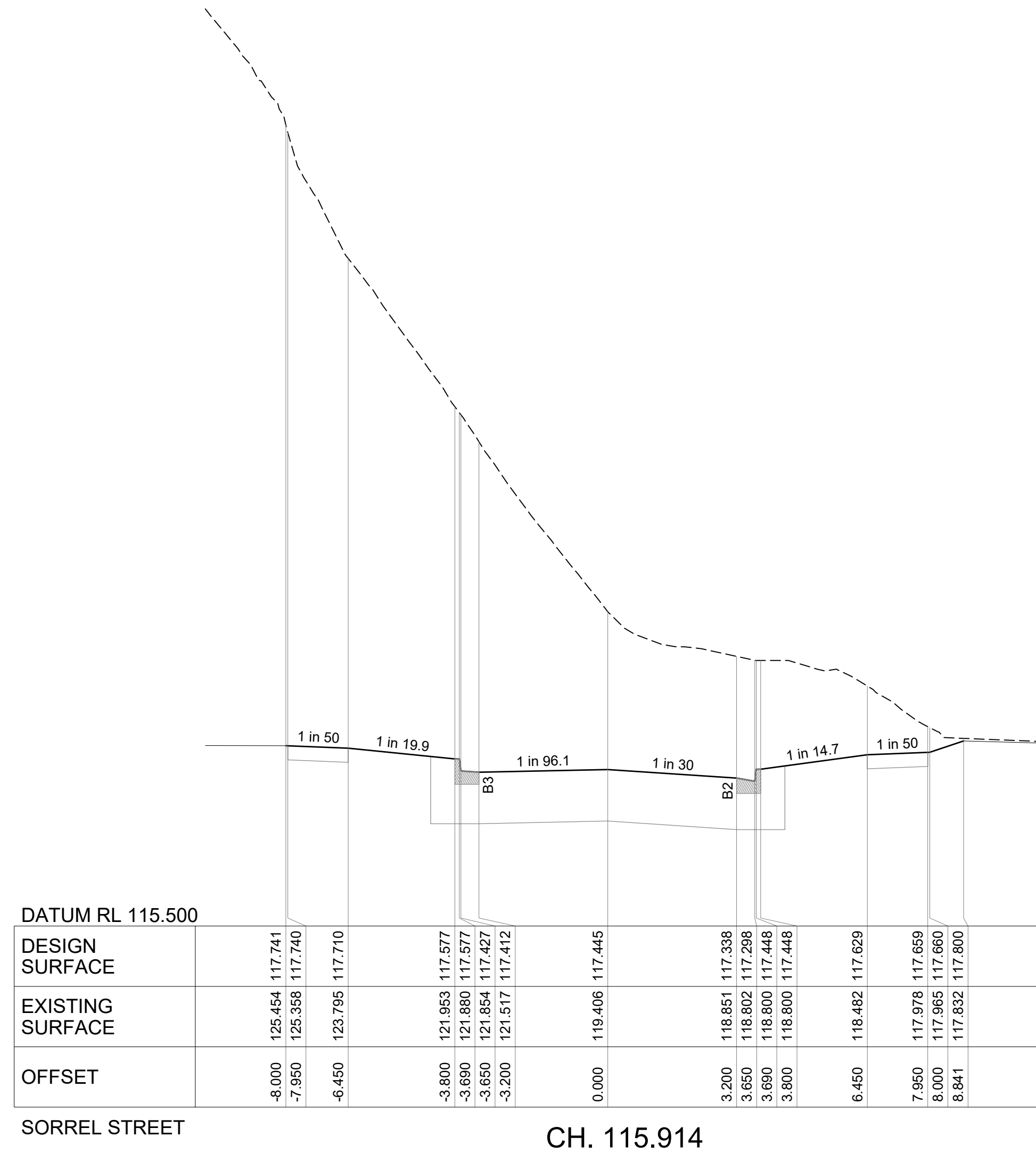
PM
DESIGNED
CHECKED
AUTHORISED
MELWAYS
STATUS

A. CHUDLEIGH
27.10.2022
B. KEYES
27.10.2022
T. BARBOUR
27.10.2022
T. BARBOUR
27.10.2022
343 HB
PSB13467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 9
SORREL STREET

APPROVAL
128702RD15

REV.
D



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

© 2020 PEAKURBAN Vic Pty Ltd
FILE: J:\1245_workspace\data\AUM\ESQL01\128702_789\PM02 DESIGN\G01 DESIGN\ACAD\128702-RD4-XS.dwg LAYOUT: RD4-10 PLOTTED BY: Taratula, Max PLOT DATE: 1/3/2023 9:24 AM



PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 H6
POS No.:	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 10
SORREL STREET

STATUS:		APPROVAL	128702RD16	SHEET No.	16 OF 47
				REV.	D

LEGEND

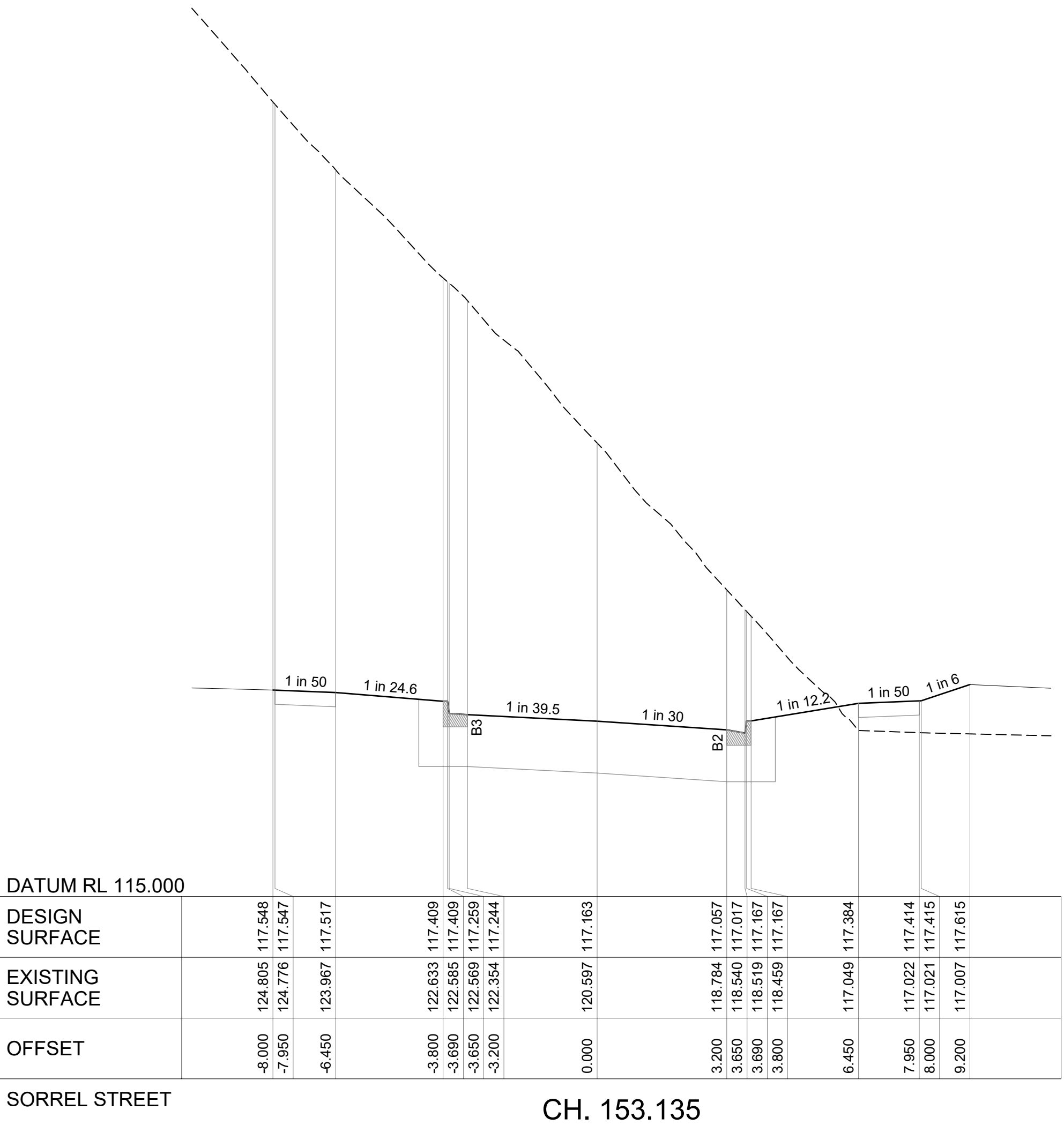
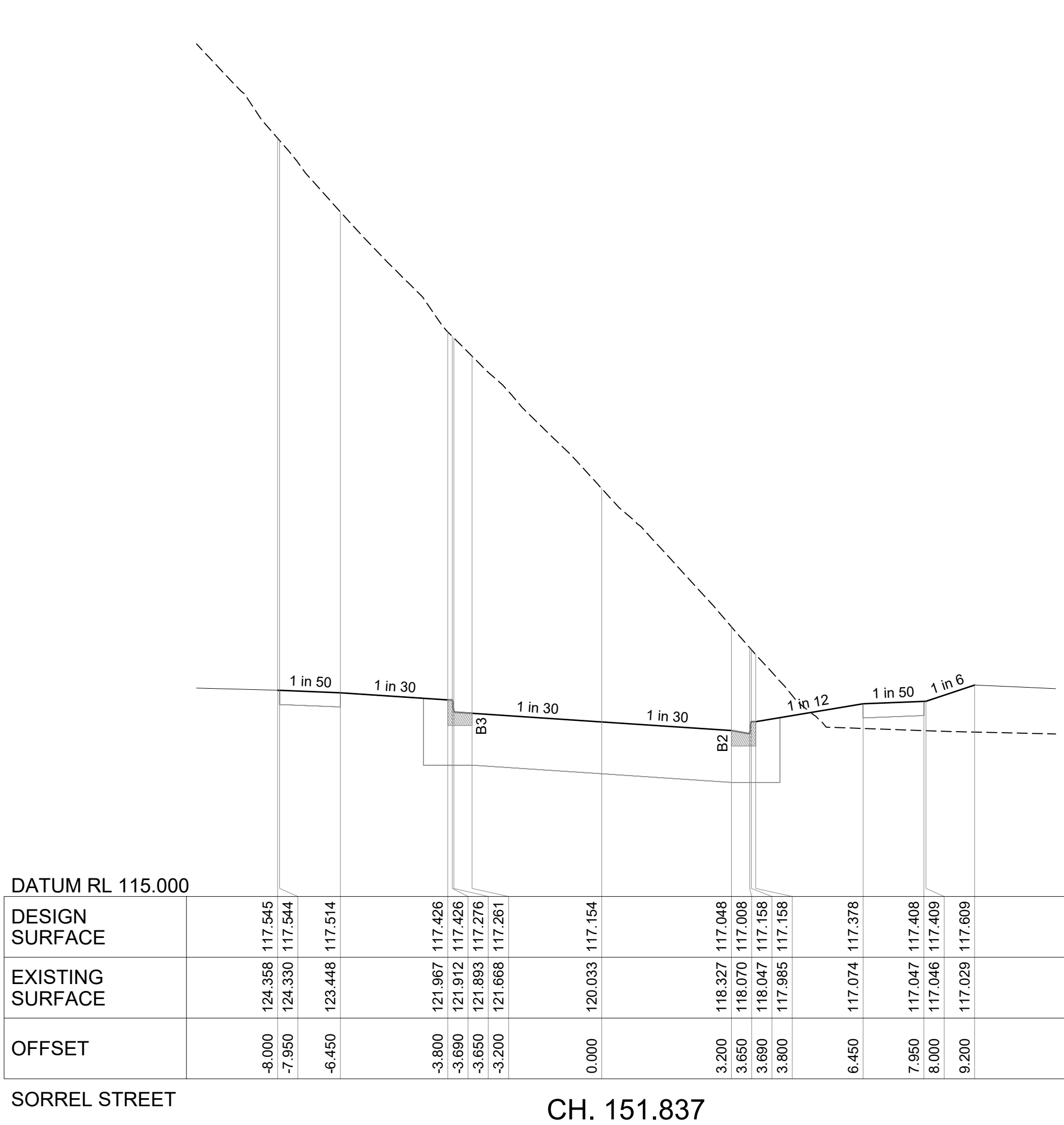
DESIGN SURFACE

EXISTING SURFACE

ROAD BOXING

MELTON

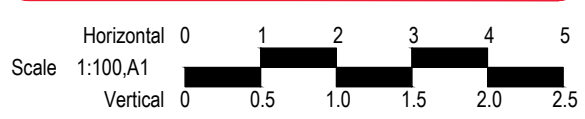
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023



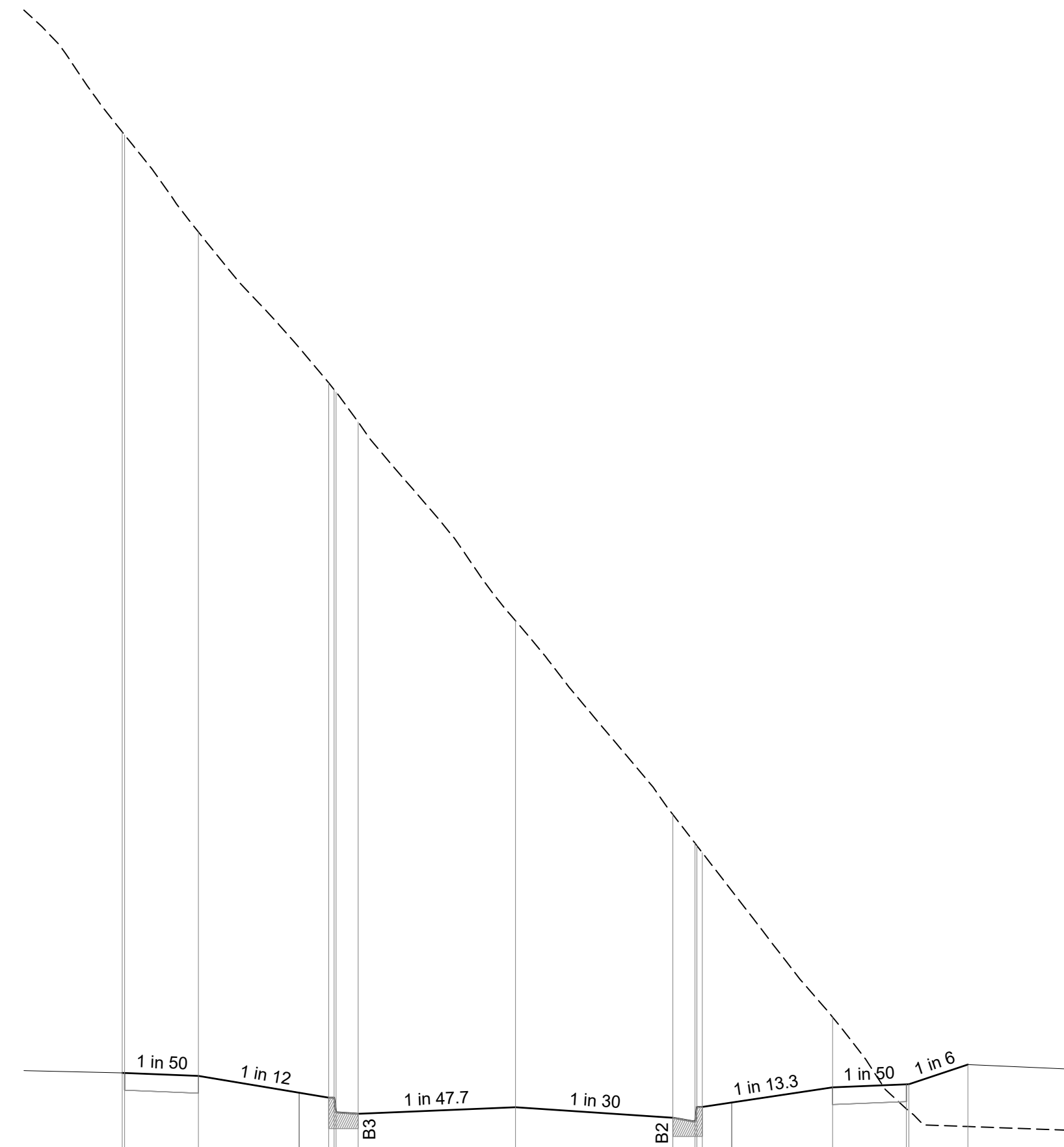
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APP'D	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

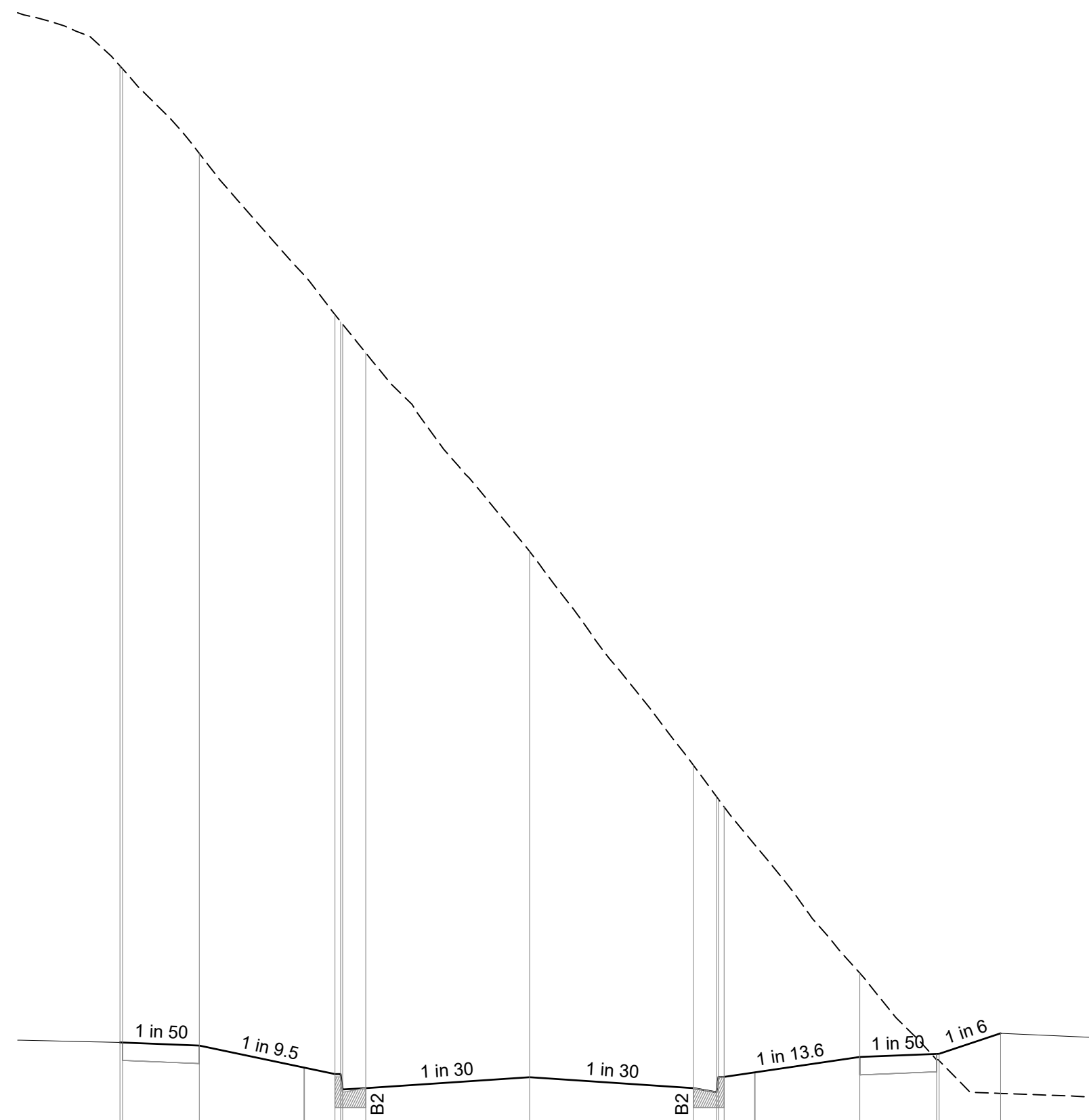
© 2020 PEAKURBAN Vic Pty Ltd
FILE: J:\128702\workspacedata\AUMEL\SQ\01128702_789\PM02 DESIGN\G01 DESIGN\ACAD\128702-RD4-XS.dwg LAYOUT: RD4-11 PLOTTED BY: Tarebata Max PLOT DATE: 13/03/2023 9:24 AM



PM	A. CHUDLEIGH	80-106 ALFRED RD COBBLEBANK ROBINSONS RISE - STAGE 2 CITY OF MELTON ROAD CROSS SECTIONS - 11 SORREL STREET		
DESIGNED	27.10.2022			
CHECKED	27.10.2022			
AUTHORISED	27.10.2022			
MELWAYS:	343 H6			
POS No:	PS813467R			
STATUS:	APPROVAL	128702RD17	SHEET No:	17 OF 47
			REV.	D

[illegible]

CH. 160.635

[illegible]

CH. 162.637

D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

© 2020 PEAKURBAN Vic Pty Ltd
FILE: J:\12ds_workspace\data\AUMELSQL01\128702_789\PM02 DESIGN\01 DESIGN\ACAD\128702-RD4-XS.dwg LAYOUT: RD4-12 PLOTTED by: Tarabata, Max PLOT DATE: 1/3/2023 9:24 AM



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Scale 1:100 A1
Vertical 0 0.5 1.0 1.5 2.0 2.5

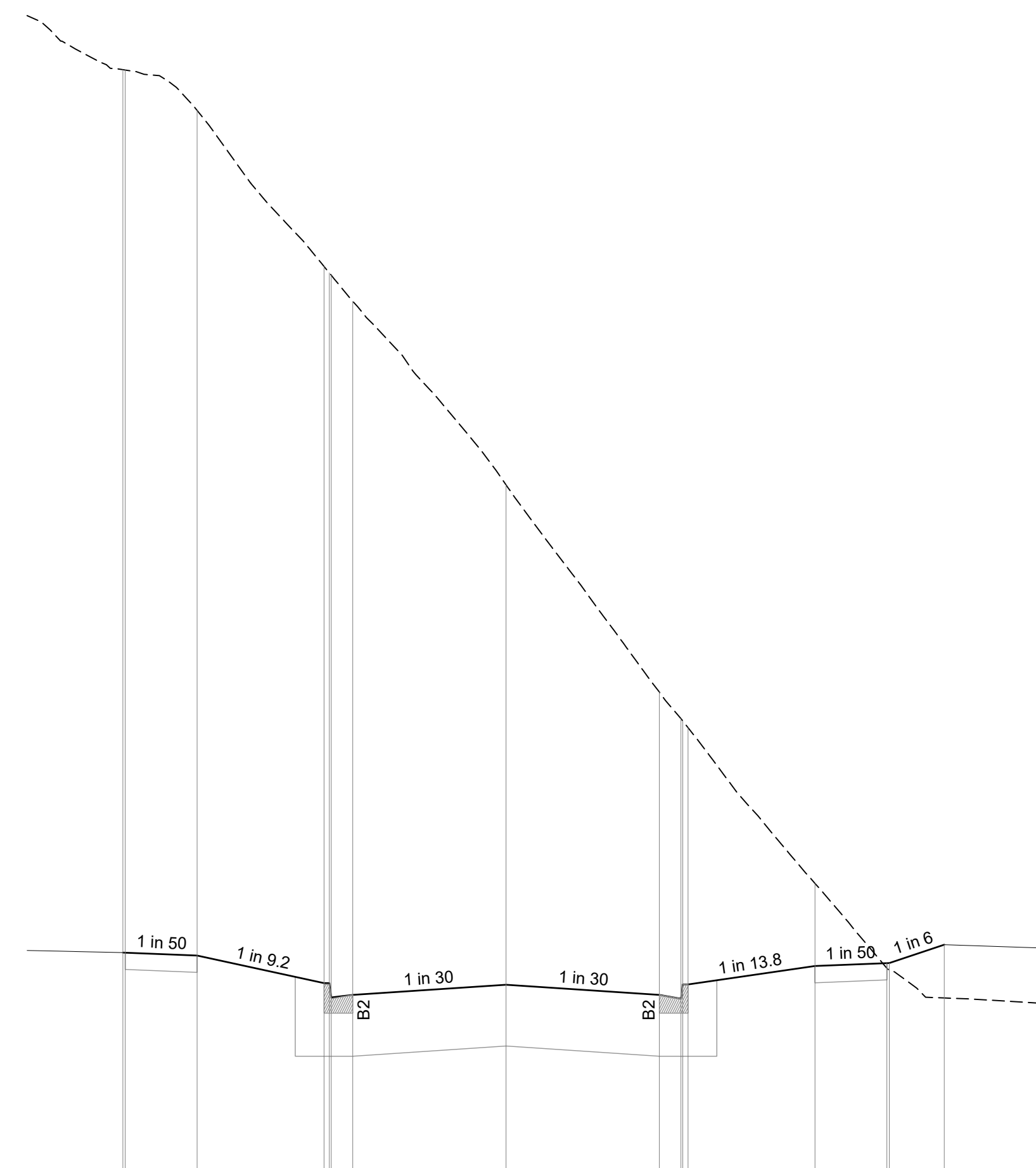
PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 H6
POS No.:	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 12
SORREL STREET

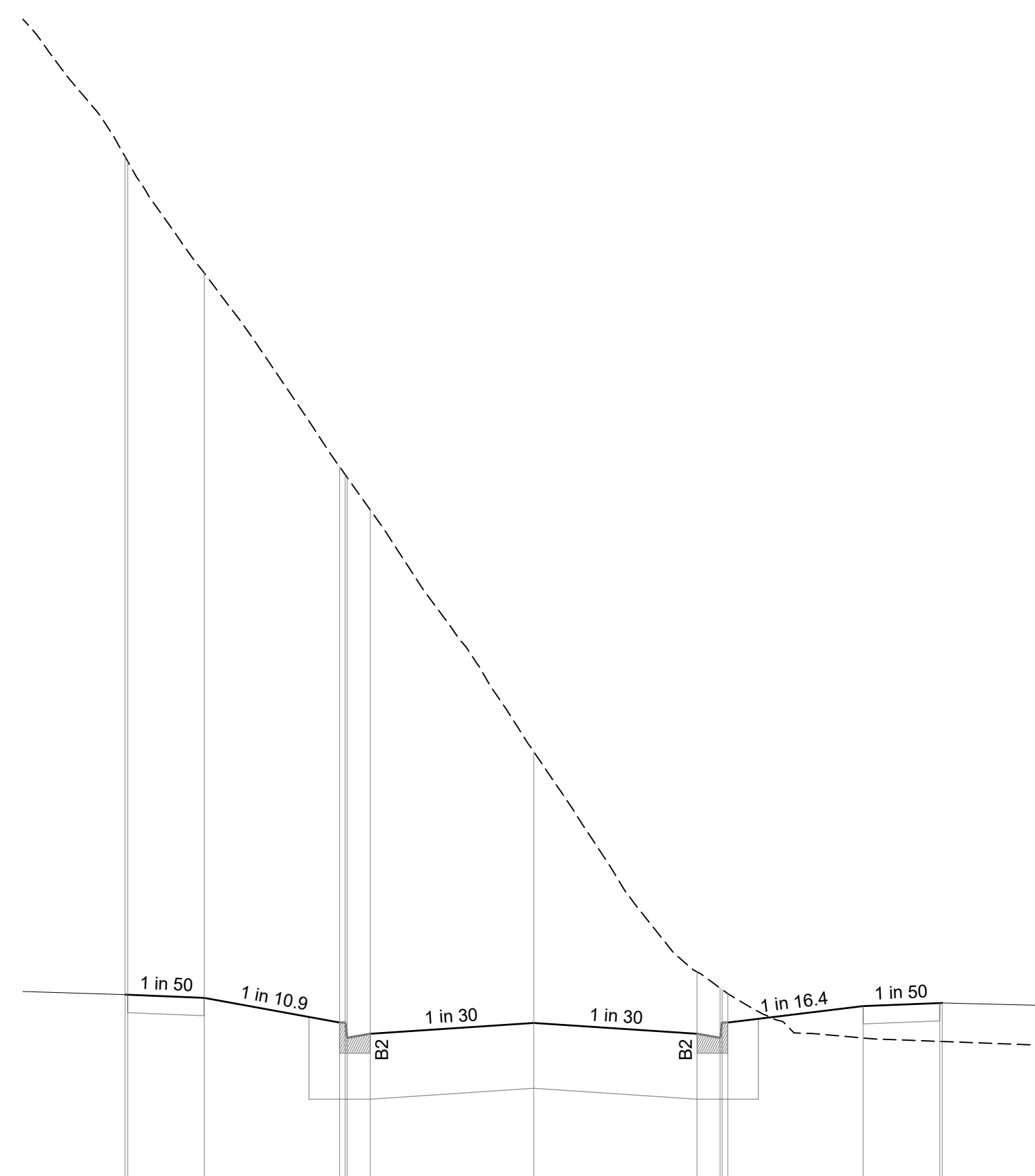
STATUS:	APPROVAL
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128702RD18

SHEET No.	18 OF 47
REV.	D

[illegible]

CH. 163.638

[illegible]

CH. 176.138

D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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FILE: J:\1246_workspace\data\AUMELSQ\01\128702_789\PM02 DESIGN\01 DESIGN\ACAD\128702-RD4-xw.dwg LAYOUT: RD4-13 PLOTTED by: Taratula, Max PLOT DATE: 1/3/2023 9:24 AM



Horizontal 0 1 2 3 4
Scale 1:100, A1
Vertical 0 0.5 1.0 1.5 2.0 2.5

PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 HE
POS No.:	PS813467R

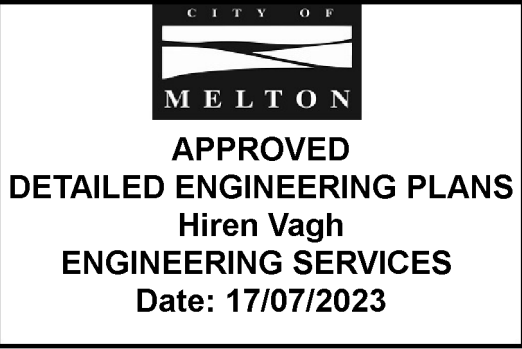
80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 13
SORREL STREET

5	STATUS:	APPROVAL
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128702RD19

SHEET No.	19 OF 47
REV.	D

 DESIGN SURFACE
 EXISTING SURFACE
 ROAD BOXING



NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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FILE: J:\1265_workspace\data\AUMELSQL01\128702_789\PM02 DESIGN\G01 DESIGN\ACAD\128702-RD4-XS.dwg LAYOUT: RD4-14 PLOTTED BY: Taratula, Max PLOT DATE: 1/3/2023 9:24 AM



Horizontal 0 1 2 3 4 5
Scale 1:100 A1
Vertical 0 0.5 1.0 1.5 2.0 2.5

PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 H6
POS No.:	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 14
SORREL STREET

APPROVAL

128702RD20

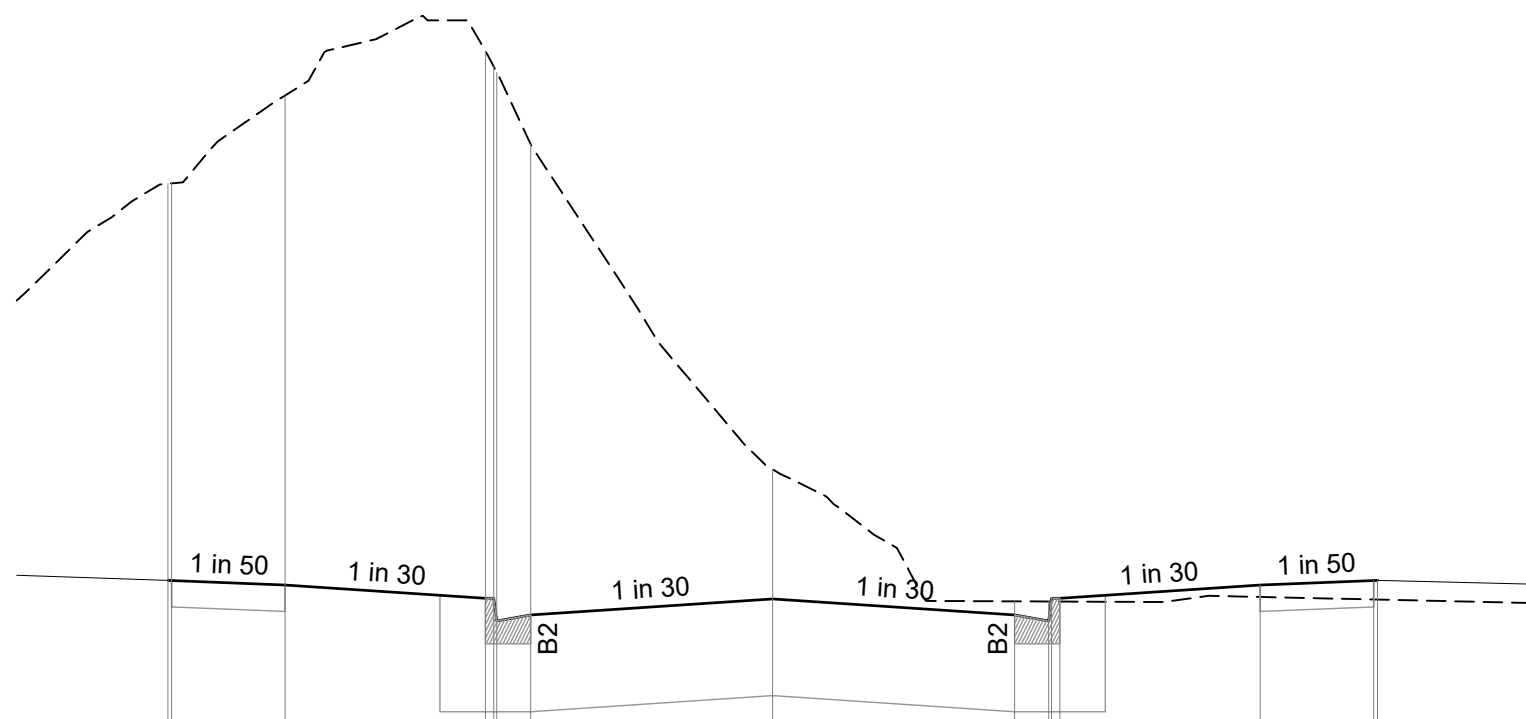
SHEET No.	20 OF 47
REV.	D

LEGEND

———— DESIGN SURFACE

----- EXISTING SURFACE

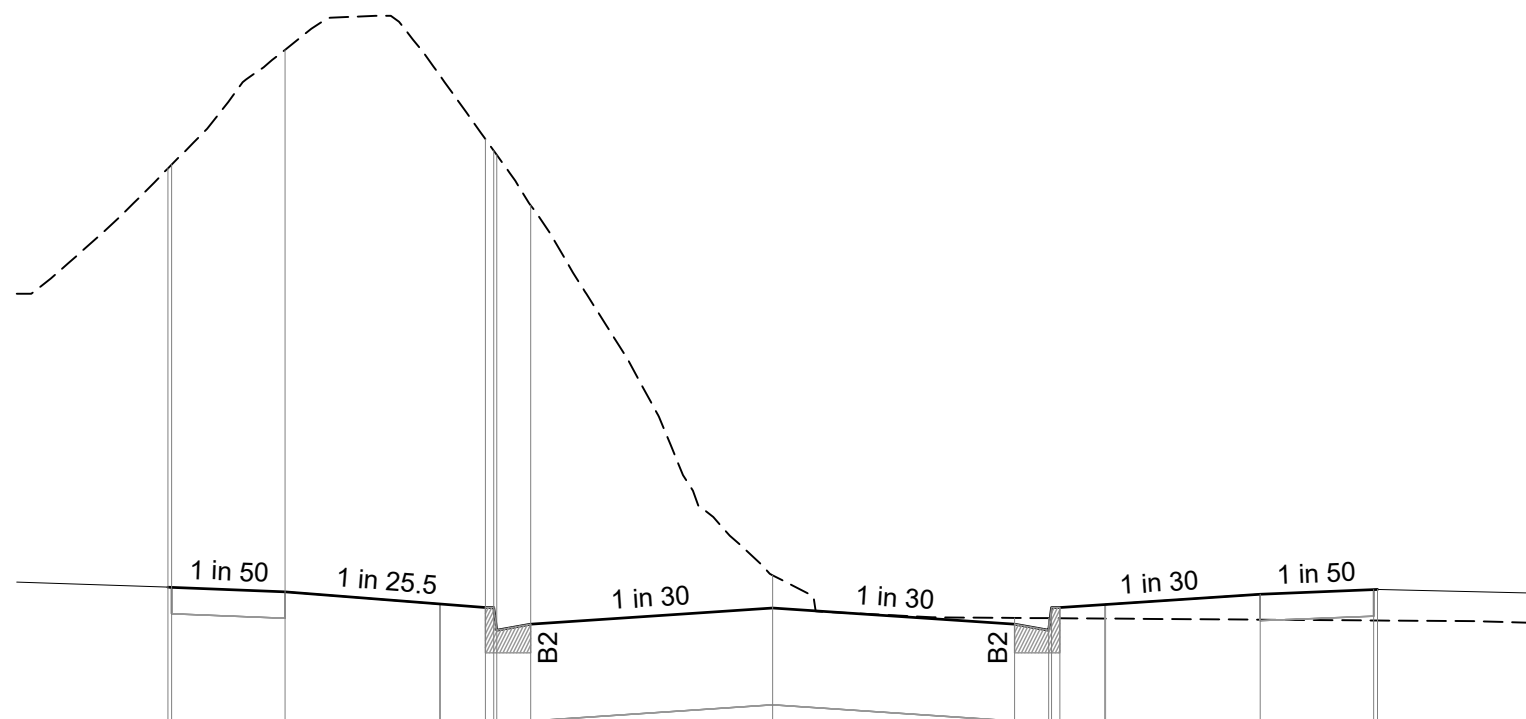
———— ROAD BOXING



DATUM RL 115.500			
DESIGN SURFACE			
EXISTING SURFACE			
OFFSET			

SORREL STREET

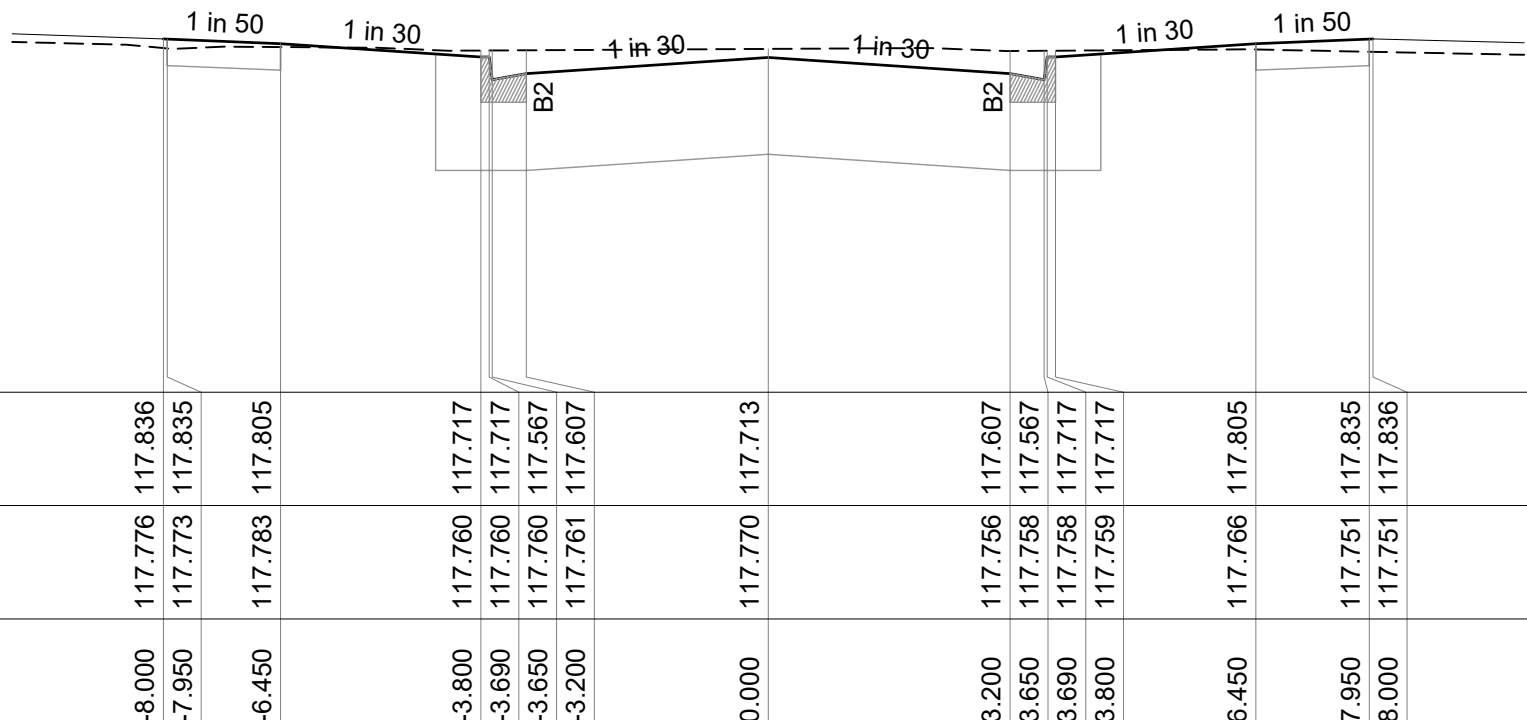
CH. 215.138



DATUM RL 115.500			
DESIGN SURFACE			
EXISTING SURFACE			
OFFSET			

SORREL STREET

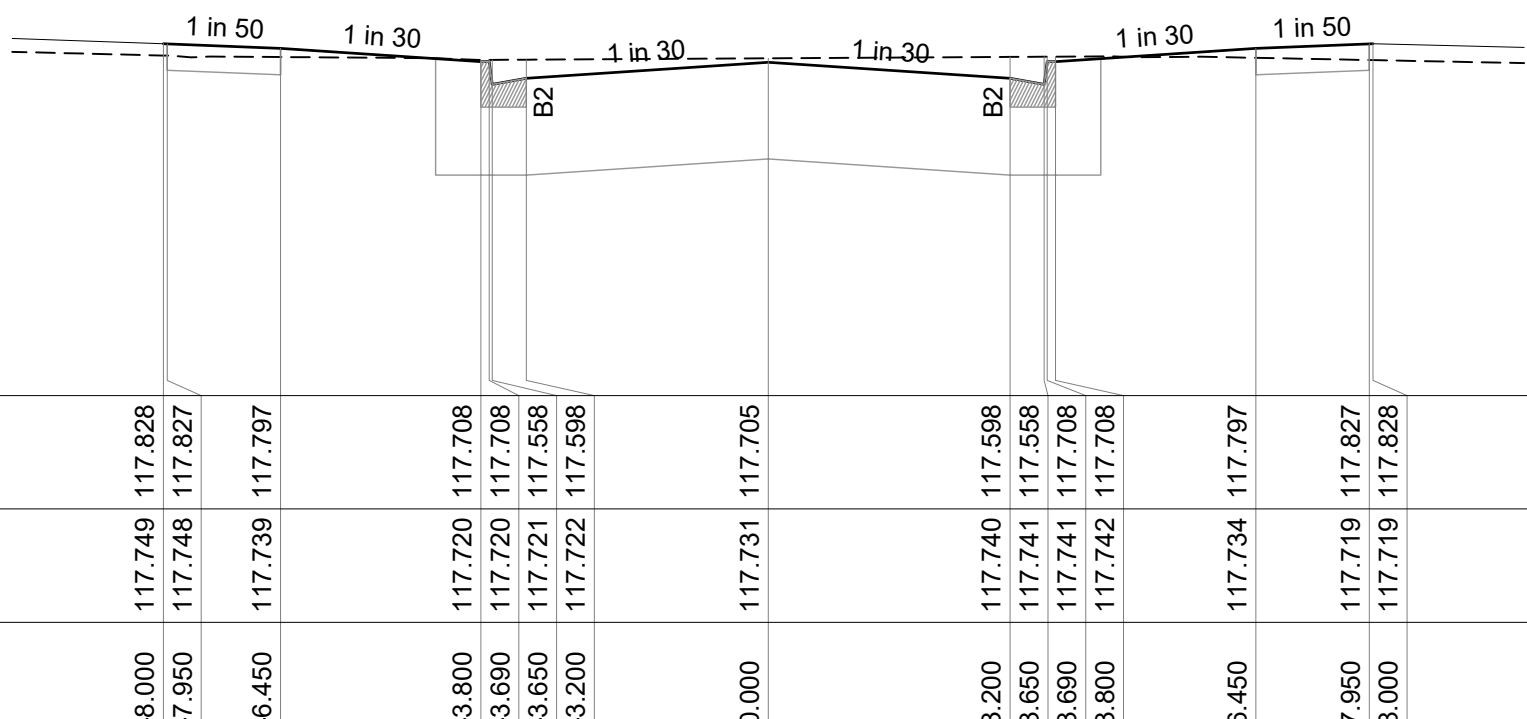
CH. 205.934



DATUM RL 115.500			
DESIGN SURFACE			
EXISTING SURFACE			
OFFSET			

SORREL STREET

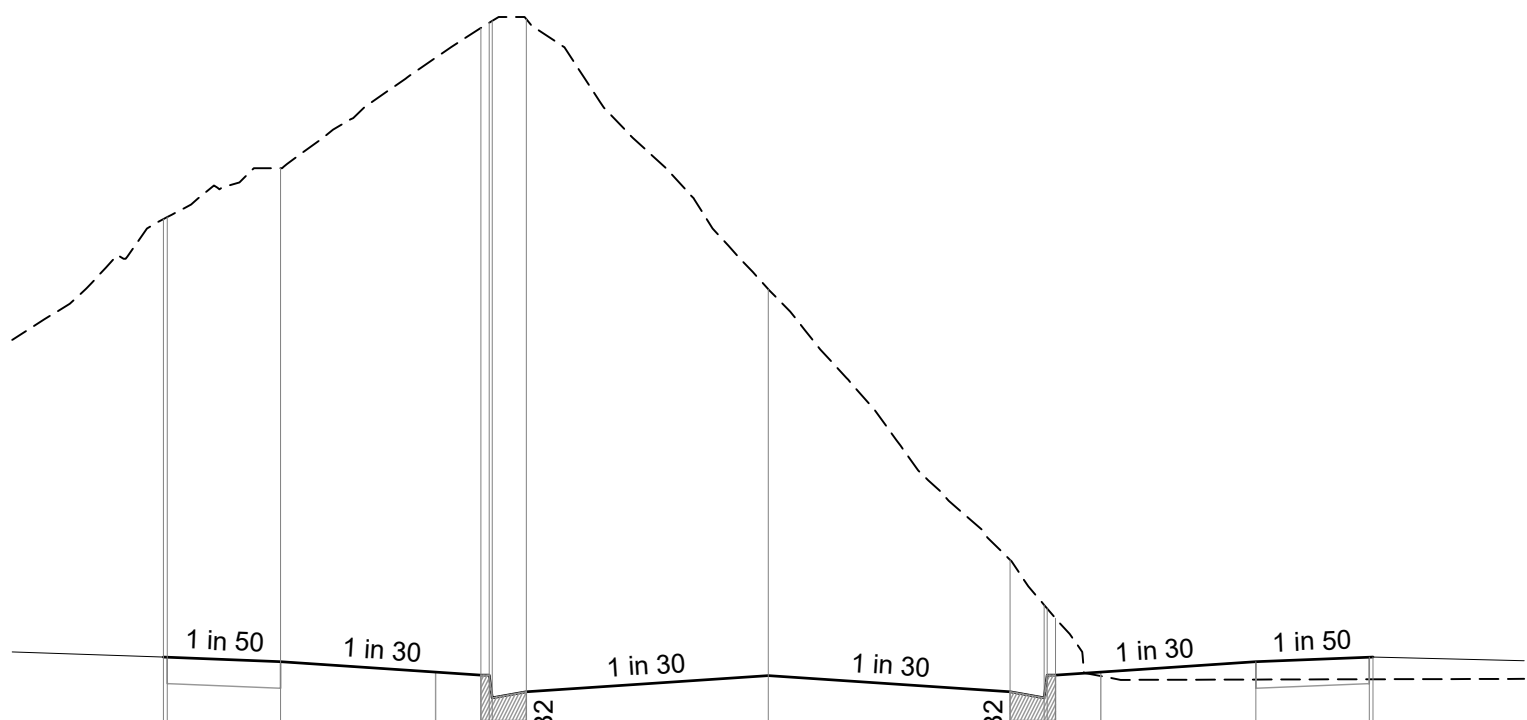
CH. 243.138



DATUM RL 115.500			
DESIGN SURFACE			
EXISTING SURFACE			
OFFSET			

SORREL STREET

CH. 241.434



DATUM RL 115.500			
DESIGN SURFACE			
EXISTING SURFACE			
OFFSET			

SORREL STREET

CH. 229.138



REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS REQUIRED WHEN ABOVE NATURAL SURFACE (REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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FILE: J:\128702\workspacelayout\A\128702_789PM02 DESIGN\G01 DESIGN\ACAD\128702-RD4-XS.dwg LAYOUT: RD4-15 PLOTTED BY: T.Barbour Max PLOT DATE: 13/2023 9:24 AM



PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	T. BARBOUR
MEASUREMENTS	343 H6
STATUS	PSB13467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 15
SORREL STREET

APPROVAL 128702RD21

REV.	D
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CH. 261.434



CH. 277.638



CH. 254.638



CH. 271.434



CH. 251.434



CH. 266.138

D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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FILE: J:\12d5_workspace\data\AUMELSQL011126702_789\PM02 DESIGN\G01 DESIGN\ACAD\126702-RD4-xw.dwg LAYOUT: RD4-16 PLOTTED by: Taratuta, Max PLOT DATE: 1/3/2023 9:24 AM



Horizontal 0 1 2 3 4
Scale 1:100 A1
Vertical 0 0.5 1.0 1.5 2.0 2.5

PM	A. CHUDLEIGH
DESIGNED	27.10.2022
	B. KEYES
CHECKED	27.10.2022
	T. BARBOUR
AUTHORISED	27.10.2022
	T. BARBOUR
MELWAYS:	343 H6
DOC No:	200161073

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 16
SORREL STREET

5	POS No:	PS81346/R
1	STATUS:	APPROVAL

128702RD22

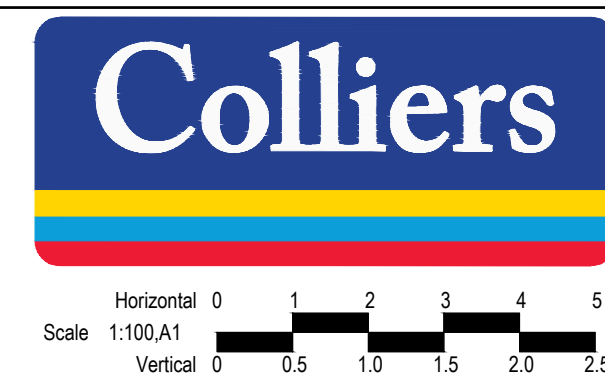
HEET No.	22 OF 47
REV	D



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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FILE: J:\12ds_workspace\data\AUMELSQL011\28702_789\PM02 DESIGN\G01 DESIGN\ACAD\128702-RD4-X.dwg LAYOUT: RD4-17 PLOTTED by: Tarahuta, Max PLOT DATE: 1/3/2023 9:24 AM



PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 H6
POS No.:	PSR13467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 17
SORREL STREET

STATUS: APPROVAL

128702RD23

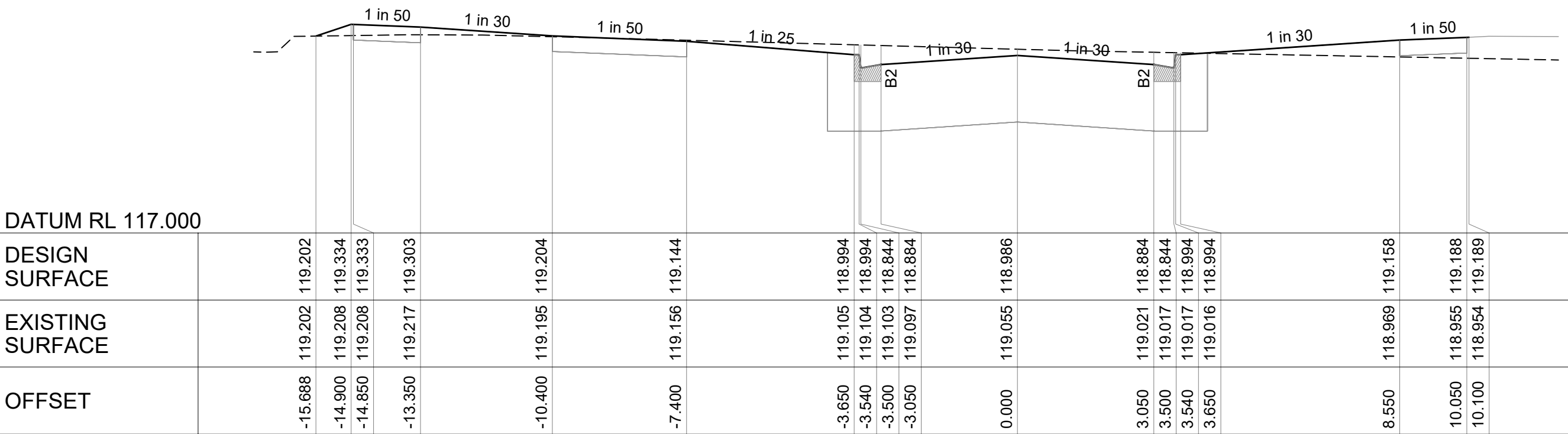
SET No.	23 OF 47
REV	D

LEGEND

DESIGN SURFACE

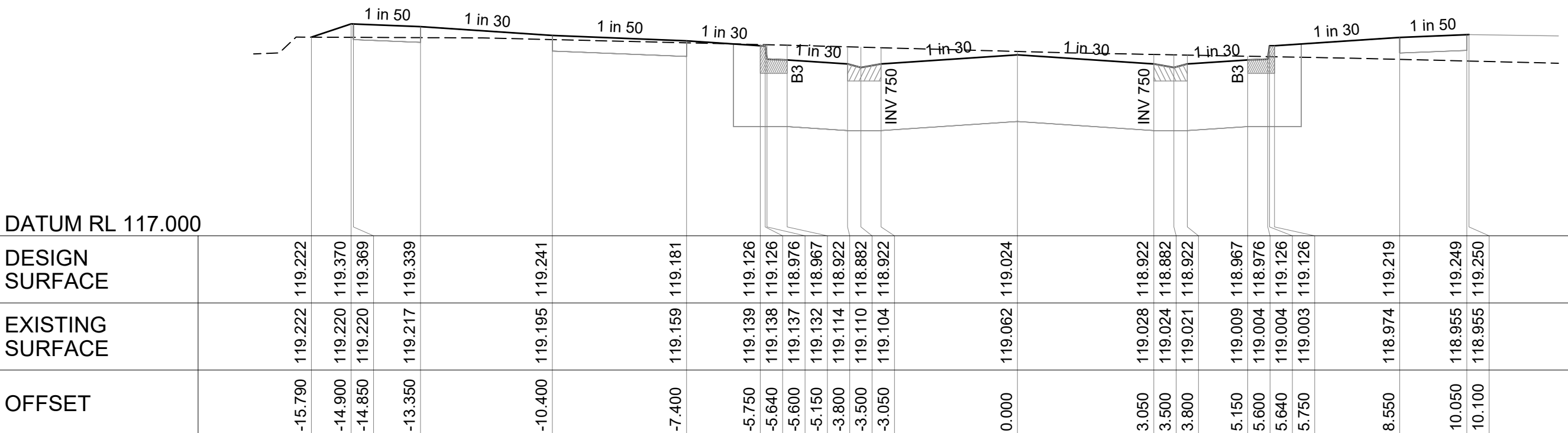
EXISTING SURFACE

ROAD BOXING



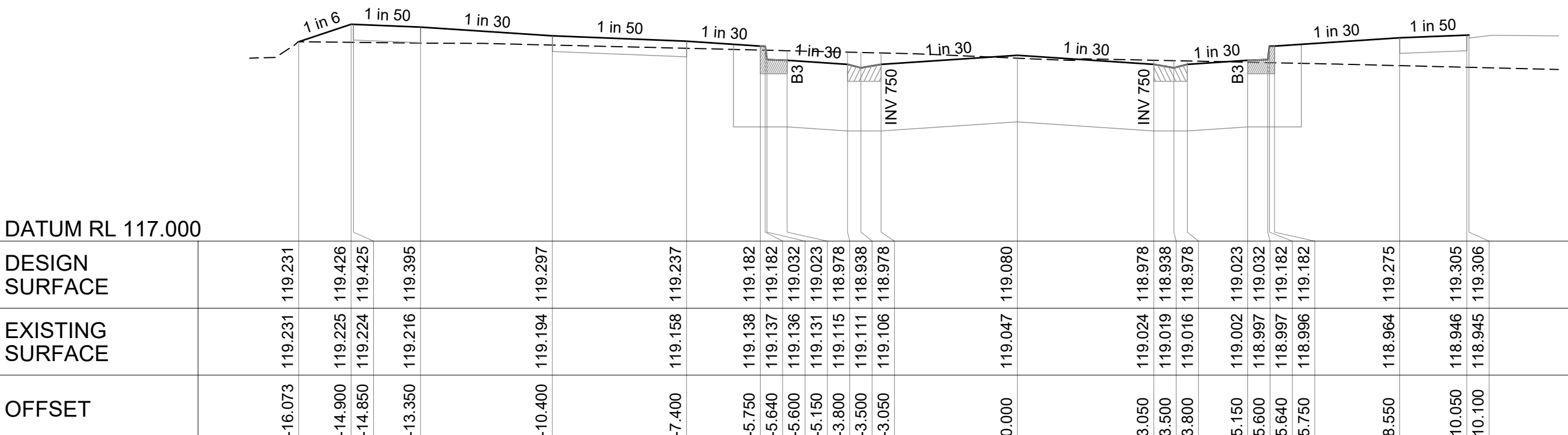
CAMELLIA STREET

CH. 107.520



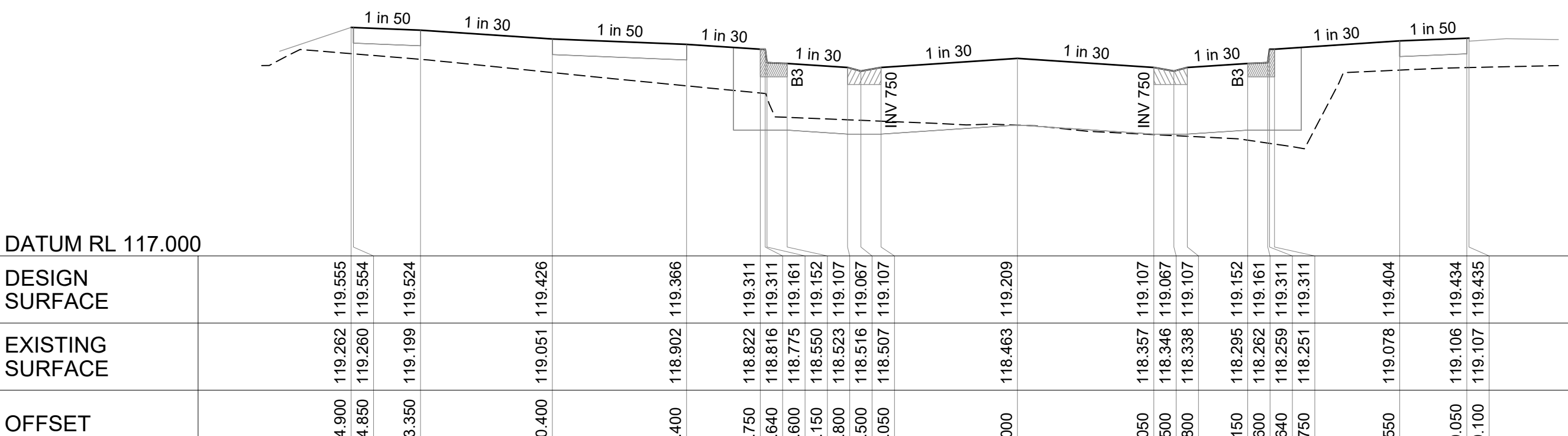
CAMELLIA STREET

CH. 103.760



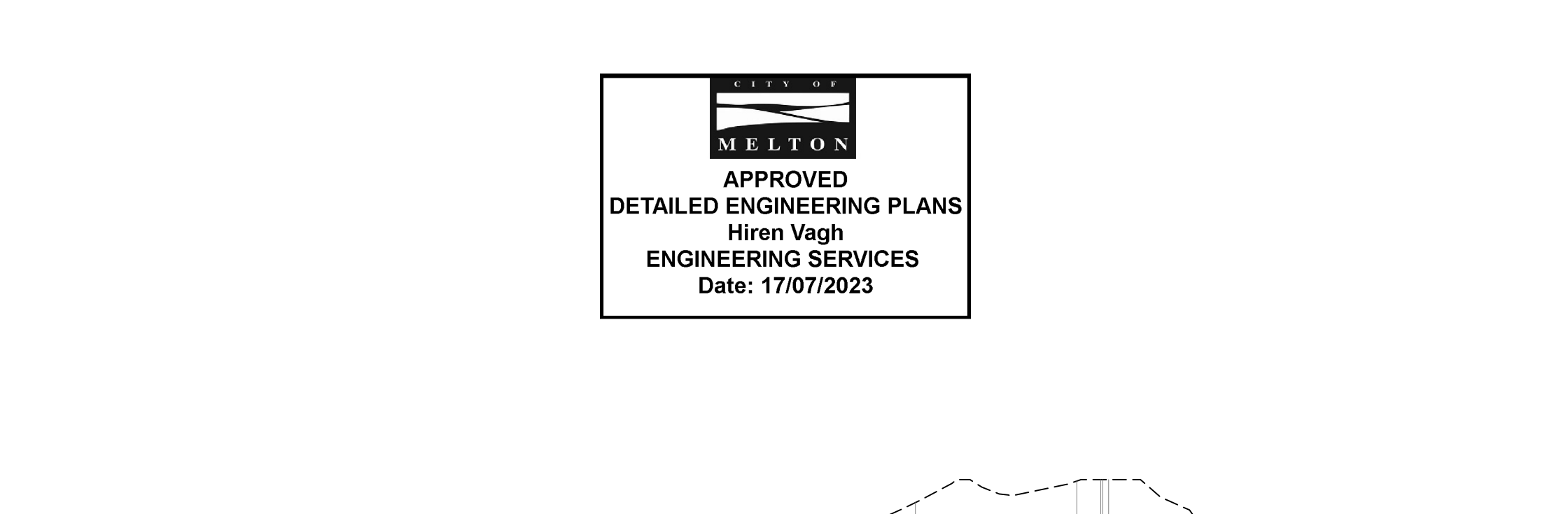
CAMELLIA STREET

CH. 98.140



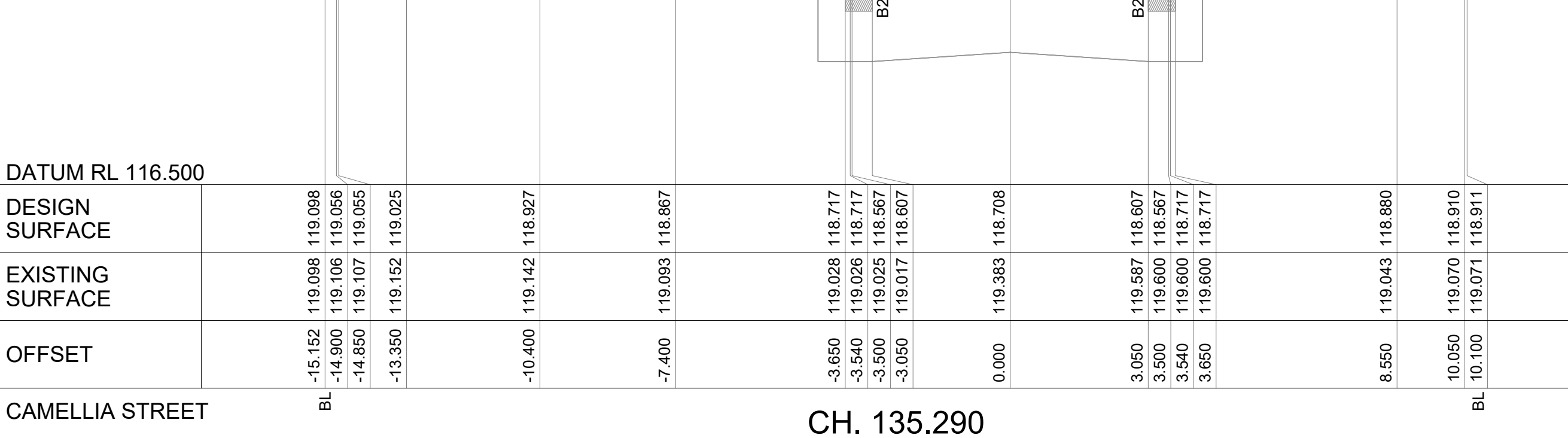
CAMELLIA STREET

CH. 85.240



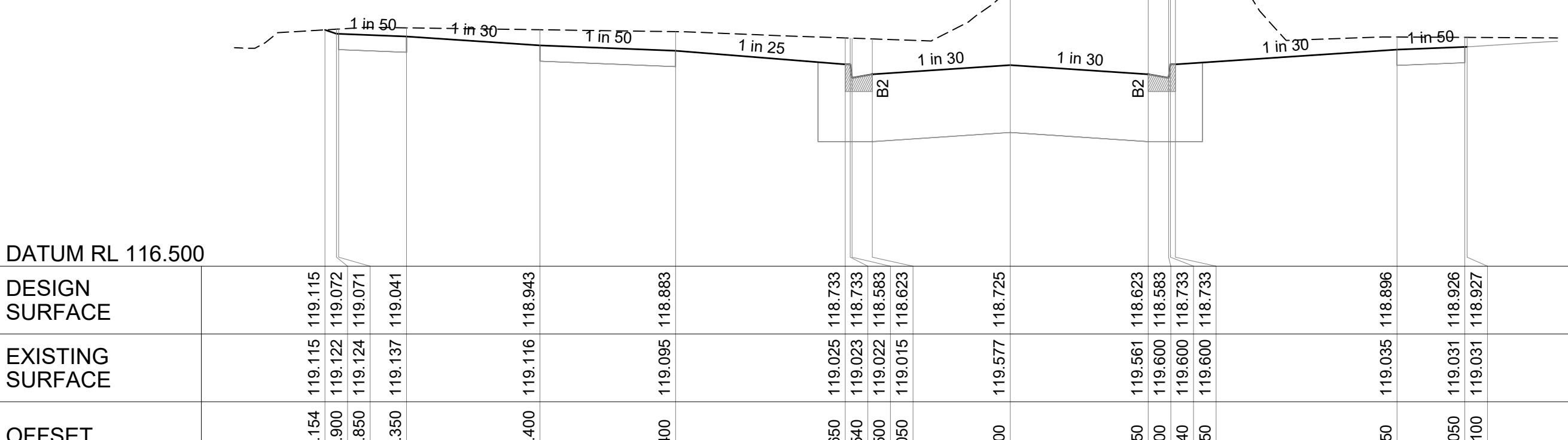
CAMELLIA STREET

CH. 135.290



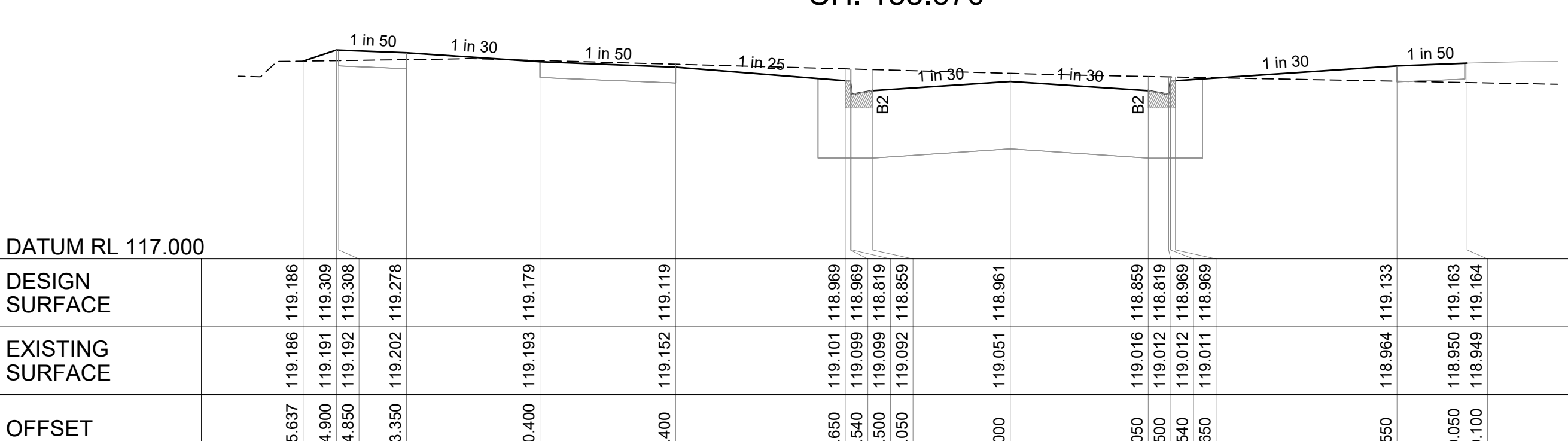
CAMELLIA STREET

CH. 133.670



CAMELLIA STREET

CH. 133.670



CAMELLIA STREET

CH. 110.020



REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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FILE: J:\128702_road\road\128702_789\PM02 DESIGN\G01 DESIGN\ACAD\128702-RD4-XS.dwg LAYOUT: RD4-18 PLOTTED BY: T.Barbour Max PLOT DATE: 13/2023 9:24 AM



PM	A. CHUDLEIGH
DESIGNED	27.10.2022
B. KEYES	
CHECKED	27.10.2022
T. BARBOUR	
AUTHORISED	27.10.2022
T. BARBOUR	
MELWAYS	343 H6
POS No.	PS813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 18
CAMELLIA STREET

APPROVAL 128702RD24

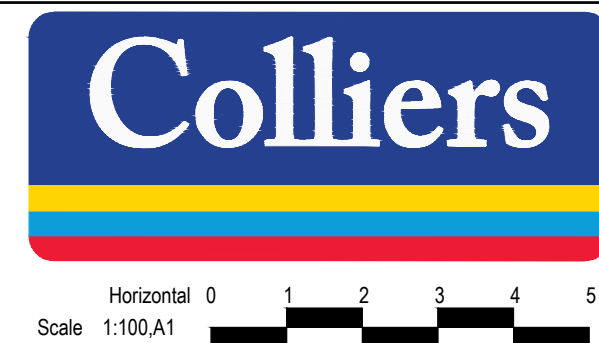
SHEET No. 24 OF 47
REV. D



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APPD	DATE

NOTE:
STRUCTURAL FILL TO BE PLACED UNDER PAVEMENT AND FOOTPATH AS
REQUIRED WHEN ABOVE NATURAL SURFACE
(REFER TO TYPICAL SECTIONS ON 128702RD37). REFER TO GEOTECHNICAL
REPORT FOR SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT.

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FILE: J:\12dS_workspace\data\AUMELSQL01\128702_789\PM02 DESIGN\IG01 DESIGN\ACAD\128702-RD4-XS.dwg LAYOUT: RD4-19 PLOTTED BY: Tarabuta, Max PLOT DATE: 1/3/2023 9:24 AM



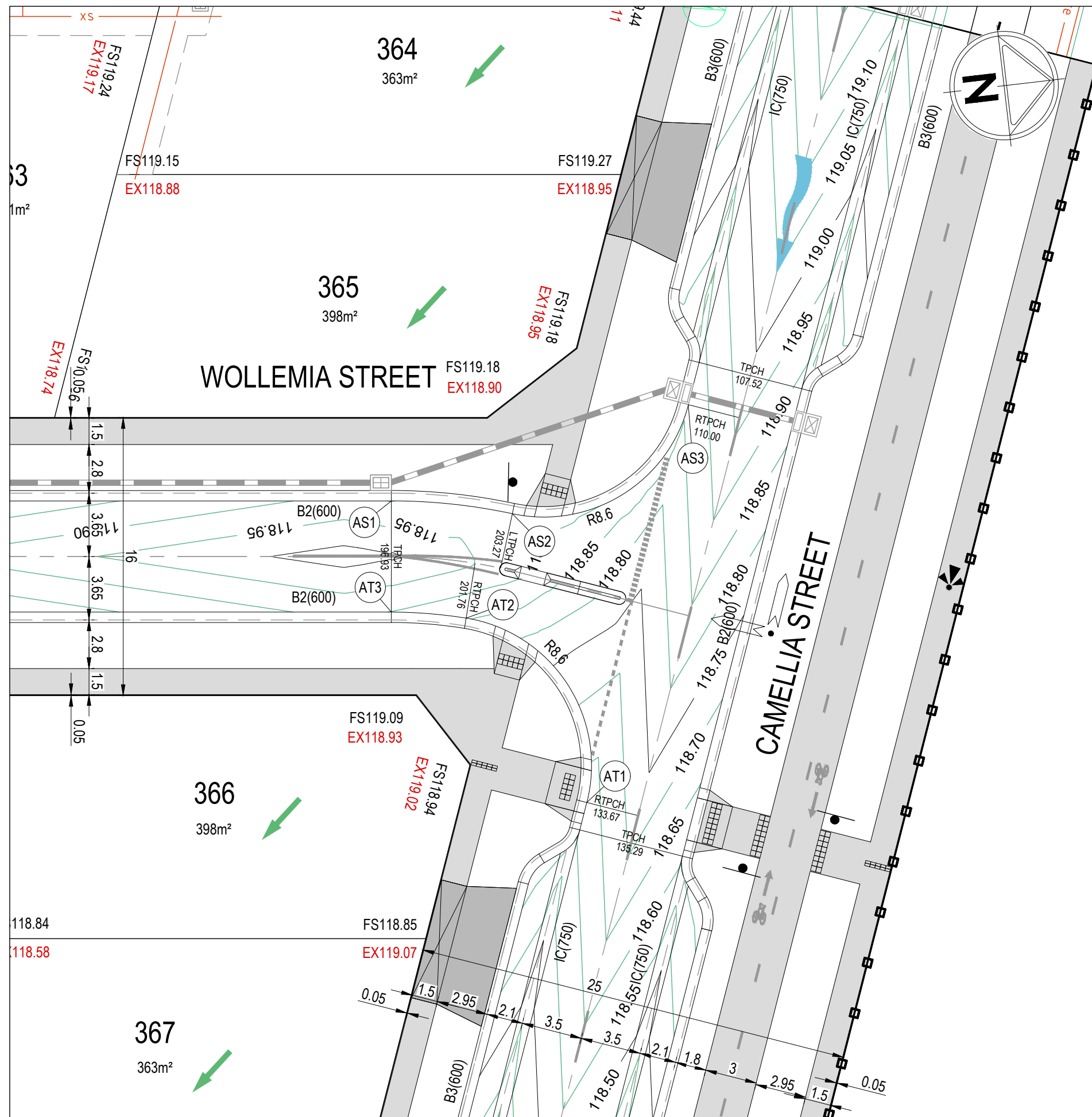
PM	A. CHUDLEIGH
DESIGNED	27.10.2022 B. KEYES
CHECKED	27.10.2022 T. BARBOUR
AUTHORISED	27.10.2022 T. BARBOUR
MELWAYS:	343 H6
POS No.:	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
ROAD CROSS SECTIONS - 19
CAMELLIA STREET

APPROVAL

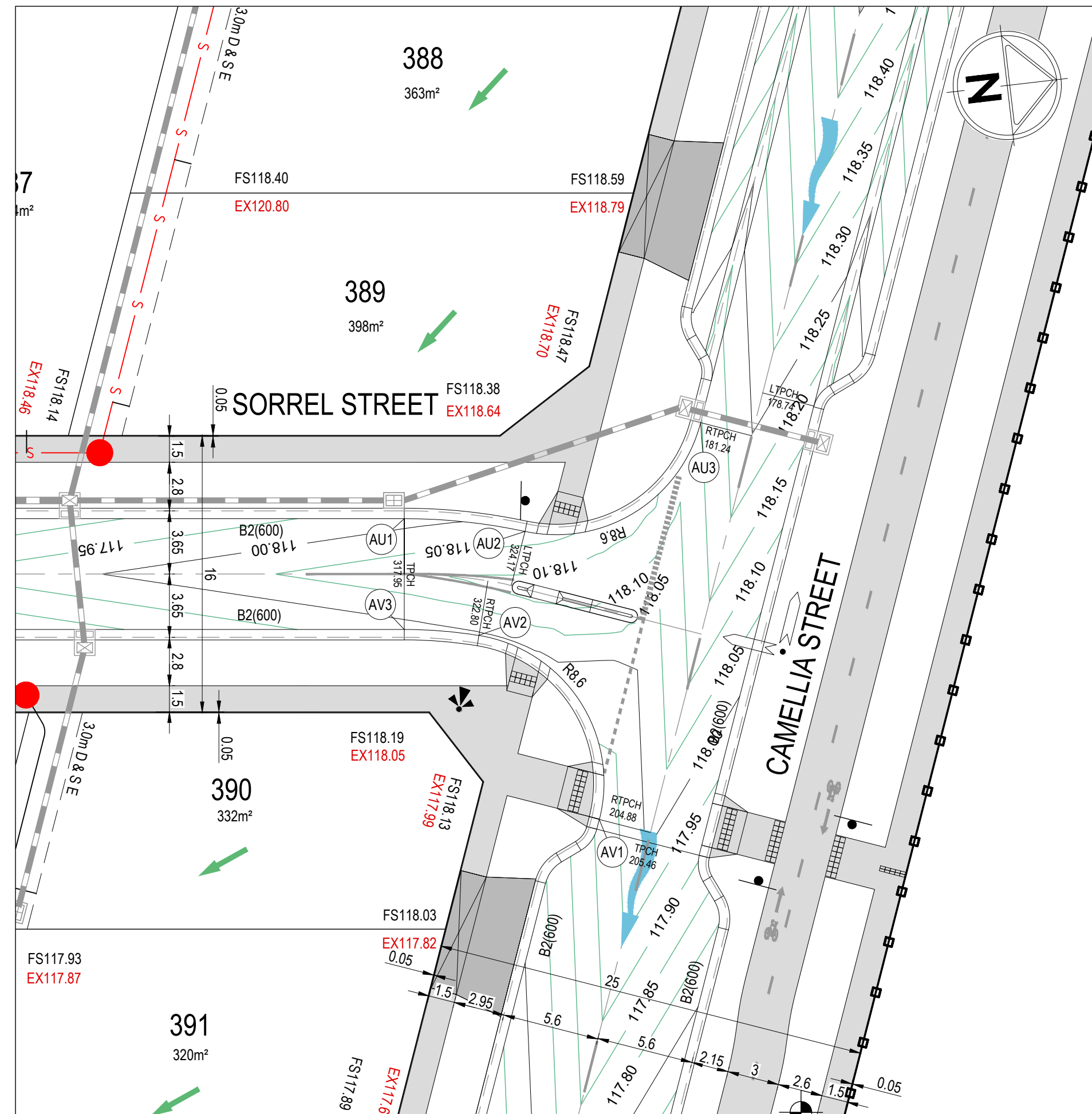
128702RD25

SET No.	25 OF 47
REV.	D



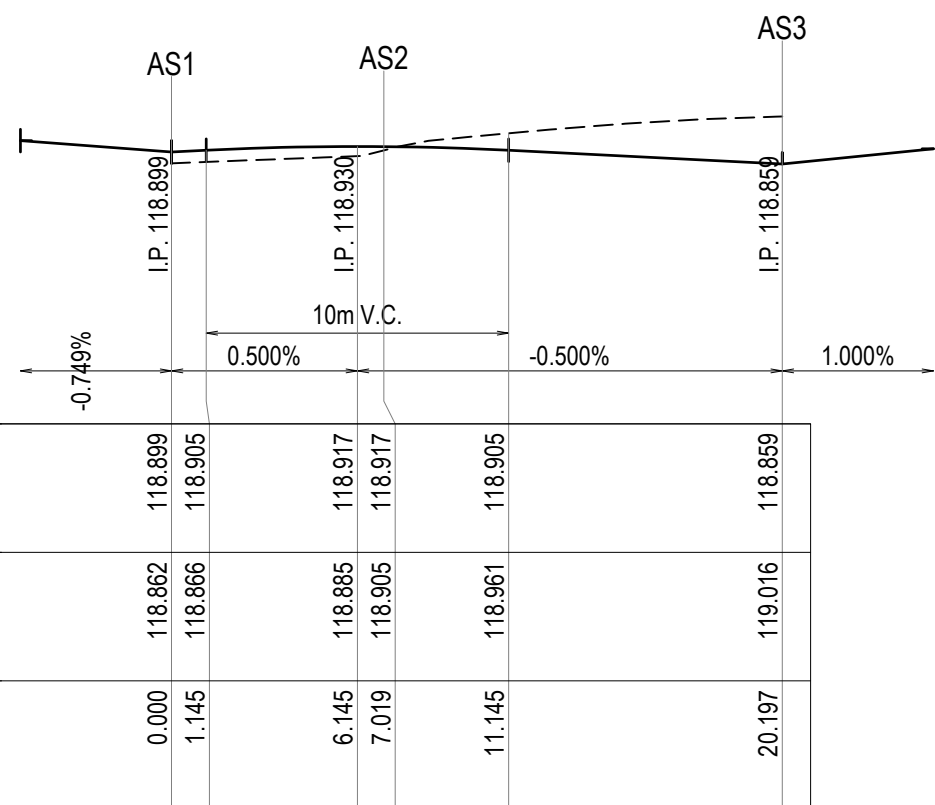
INTERSECTION DETAIL
CAMELLIA STREET AND WOLLEMA STREET

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Scale 1:250 A1
Vertical 0 2.5 5 7.5 10 12.5



INTERSECTION DETAIL
CAMELLIA STREET AND SORREL STREET

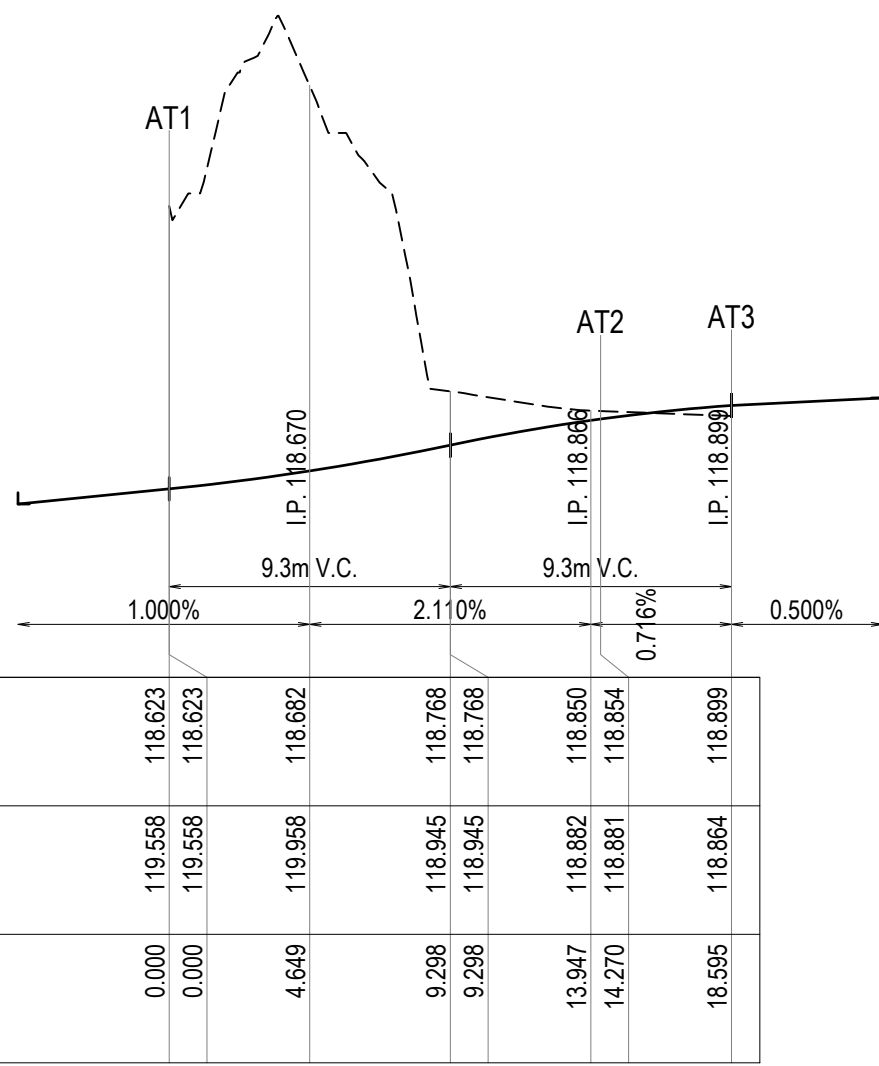
Horizontal 0 2.5 5 7.5 10 12.5
Scale 1:250 A1
Vertical 0 2.5 5 7.5 10 12.5



DATUM 118					
DESIGN LIP LEVEL		118.899	118.905	118.917	118.905
EXISTING SURFACE LEVEL		118.862	118.866	118.885	118.961
CHAINAGE (m)	0.000	1.145	6.145	7.019	11.145

KERB AS

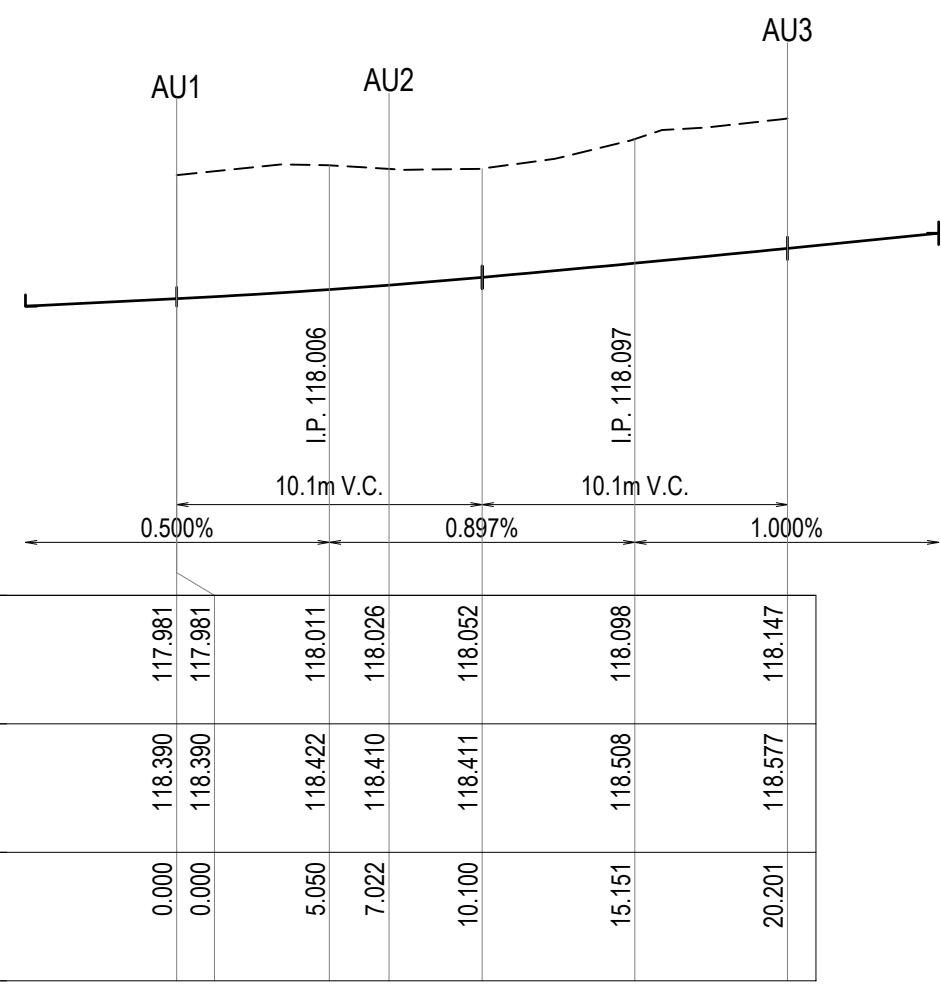
SCALE 1:250 H
SCALE 1:25 V



DATUM 118					
DESIGN LIP LEVEL		118.623	118.623	118.682	118.768
EXISTING SURFACE LEVEL		118.558	118.558	118.558	118.768
CHAINAGE (m)	0.000	0.000	4.649	9.298	13.947

KERB AT

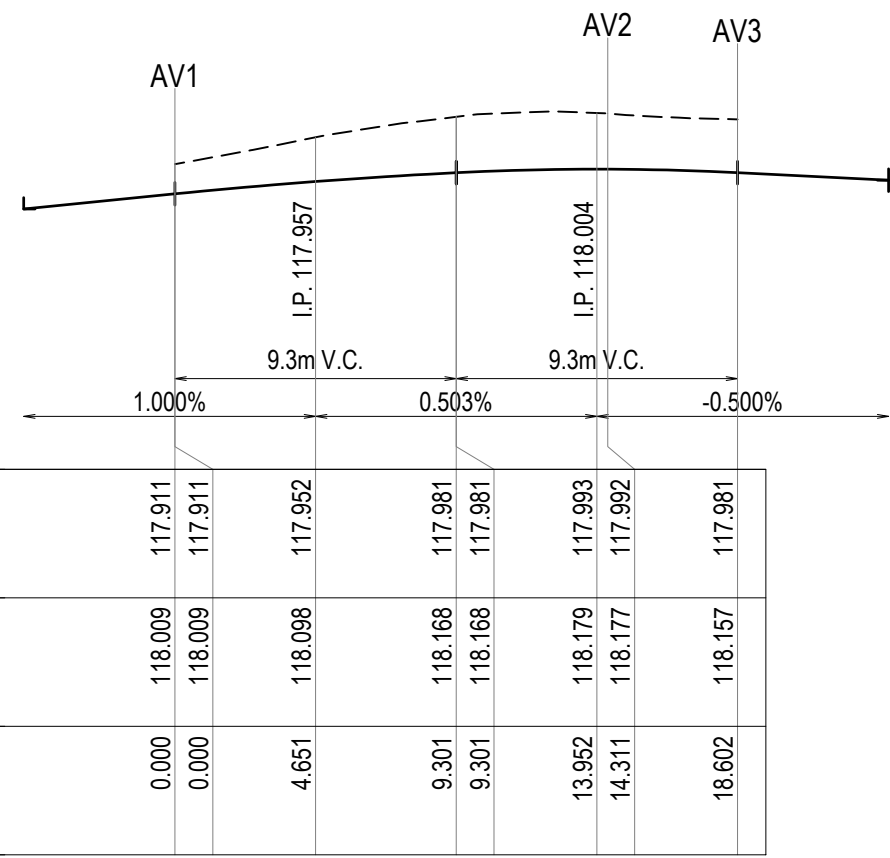
SCALE 1:250 H
SCALE 1:25 V



DATUM 117					
DESIGN LIP LEVEL		117.981	117.981	118.011	118.026
EXISTING SURFACE LEVEL		118.390	118.390	118.410	118.411
CHAINAGE (m)	0.000	0.000	5.050	7.022	10.100

KERB AU

SCALE 1:250 H
SCALE 1:25 V



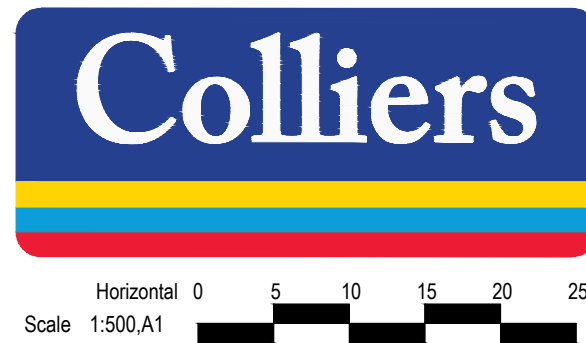
DATUM 117					
DESIGN LIP LEVEL		117.911	117.911	117.981	117.993
EXISTING SURFACE LEVEL		118.009	118.009	118.168	118.177
CHAINAGE (m)	0.000	0.000	4.651	9.301	13.952

KERB AV

SCALE 1:250 H
SCALE 1:25 V

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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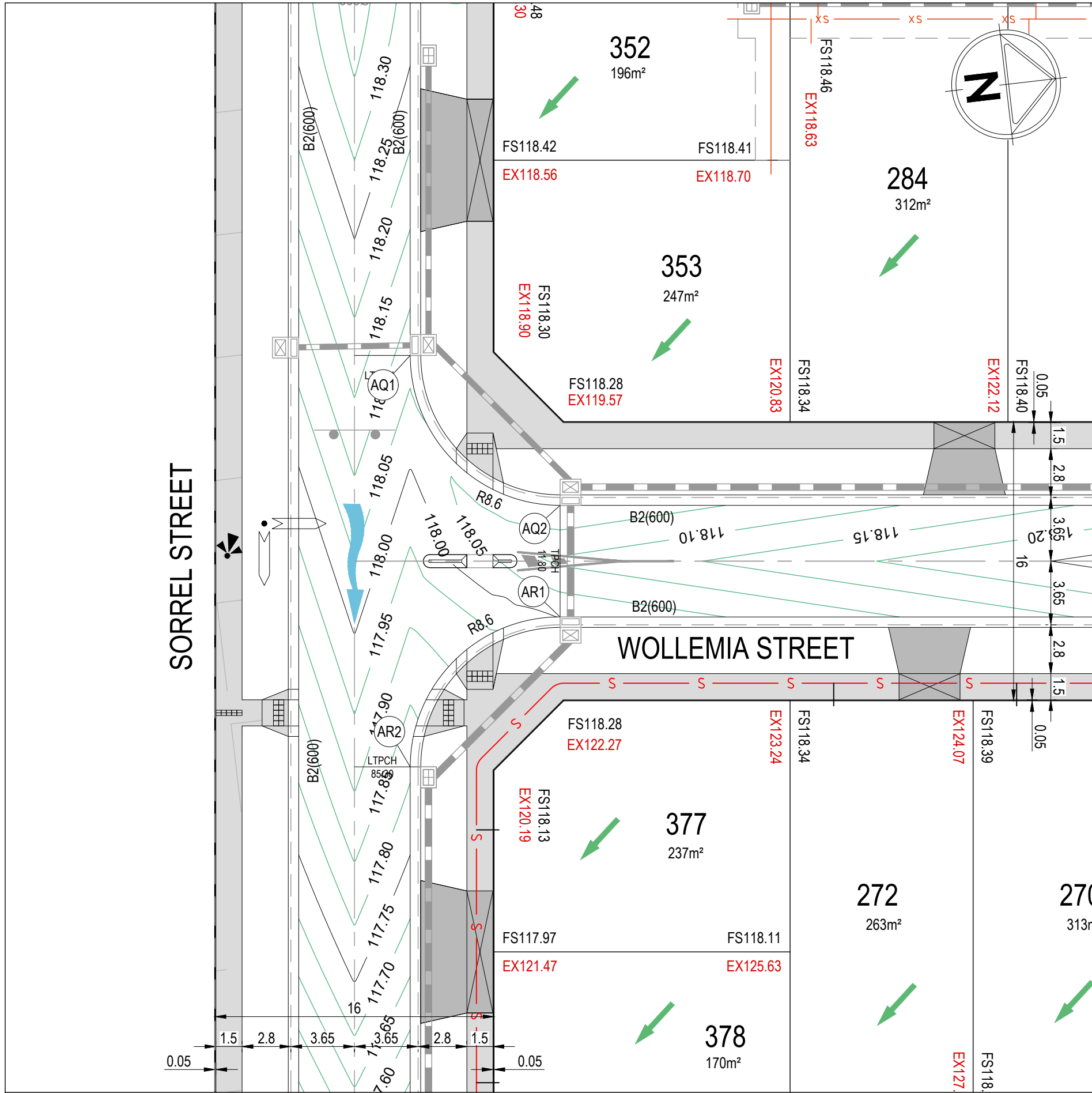
PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	T. BARBOUR
MELBOURNE	27.10.2022
POS No.	343 H6
STATUS	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
INTERSECTION DETAILS - 1

APPROVAL

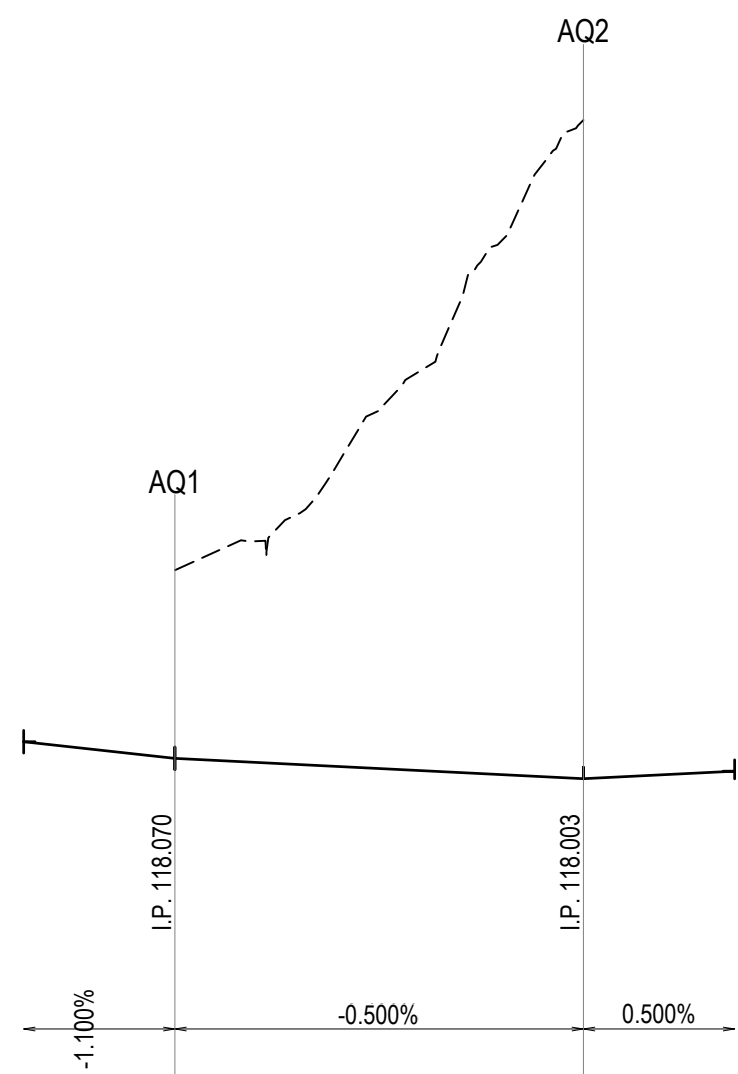
128702RD27

SHEET No. 27 OF 47
REV. D



INTERSECTION DETAIL
WOLLEMIA STREET AND SORREL STREET

Horizontal 0 2.5 5 7.5 10 12.5
Scale 1:250 A1
Vertical 0 2.5 5 7.5 10 12.5



DATUM 117	
DESIGN CL SURFACE LEVEL	118.070
EXISTING SURFACE LEVEL	118.003
CHAINAGE (m)	0.000 13.509

KERB AQ

SCALE 1:250 H
SCALE 1:25 V

DATUM 117	
DESIGN LIP LEVEL	118.003
EXISTING SURFACE LEVEL	118.003
CHAINAGE (m)	0.000 13.509

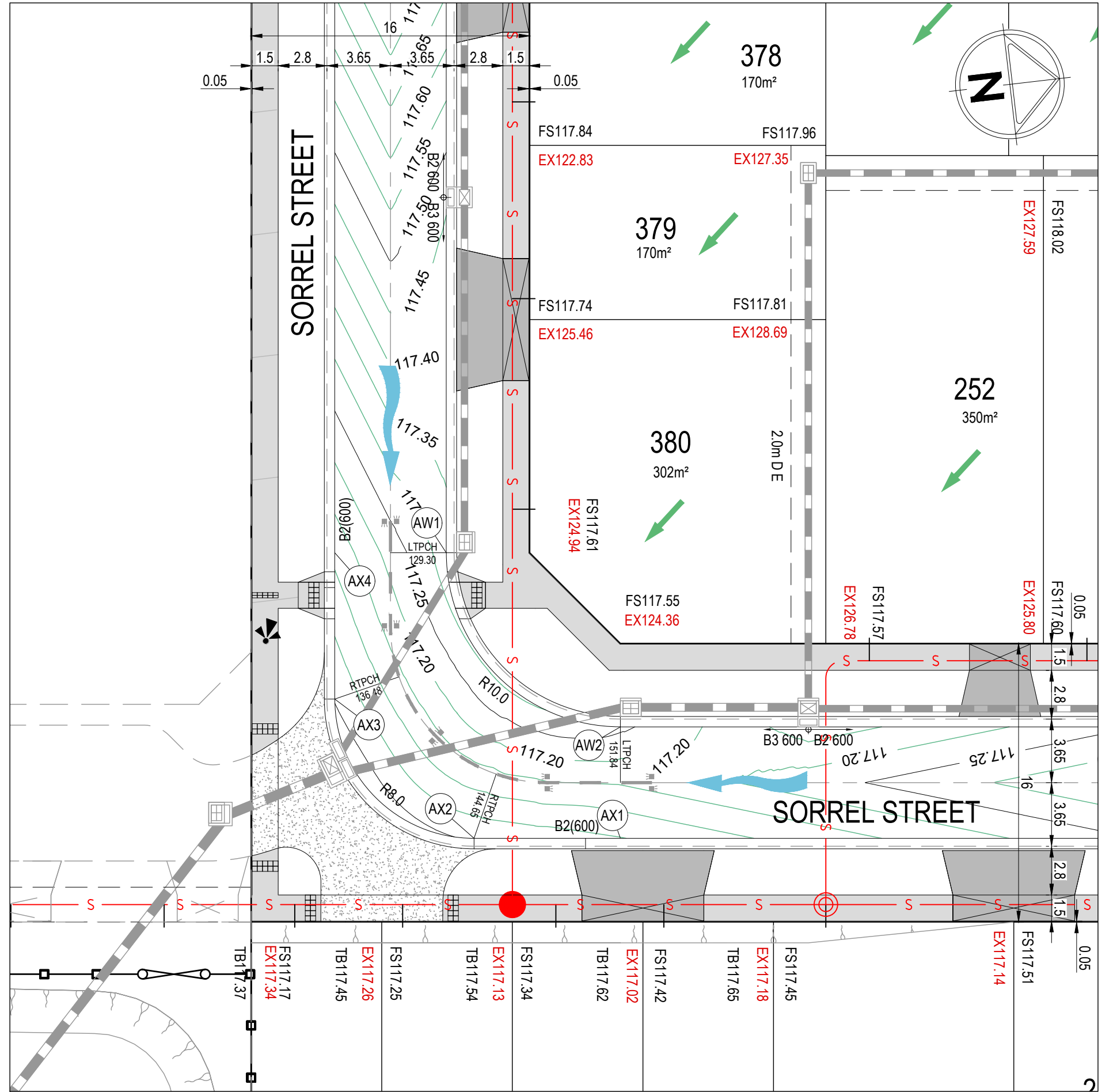
KERB AR

SCALE 1:250 H
SCALE 1:25 V

DATUM 116	
DESIGN LIP LEVEL	117.301
EXISTING SURFACE LEVEL	117.301
CHAINAGE (m)	0.000 15.708

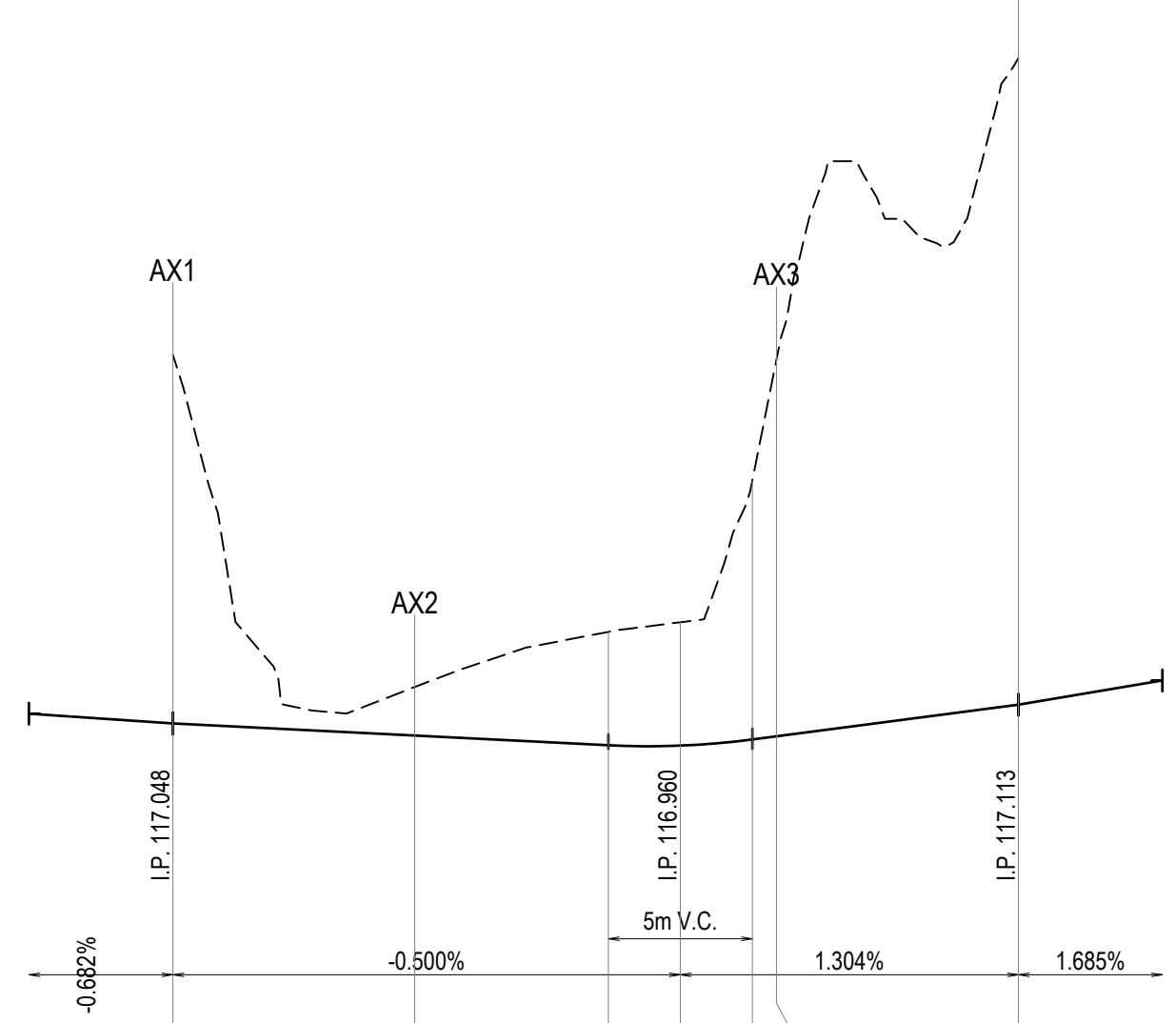
KERB AW

SCALE 1:250 H
SCALE 1:25 V



INTERSECTION DETAIL
SORREL STREET

Horizontal 0 2.5 5 7.5 10 12.5
Scale 1:250 A1
Vertical 0 2.5 5 7.5 10 12.5



DATUM 116	
DESIGN LIP LEVEL	117.048
EXISTING SURFACE LEVEL	117.006
CHAINAGE (m)	0.000 29.366

KERB AX

SCALE 1:250 H
SCALE 1:25 V

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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ROBINSONS
RISE



Horizontal 0 5 10 15 20 25
Scale 1:500 A1
Vertical 0 0.5 1.0 1.5 2.0 2.5

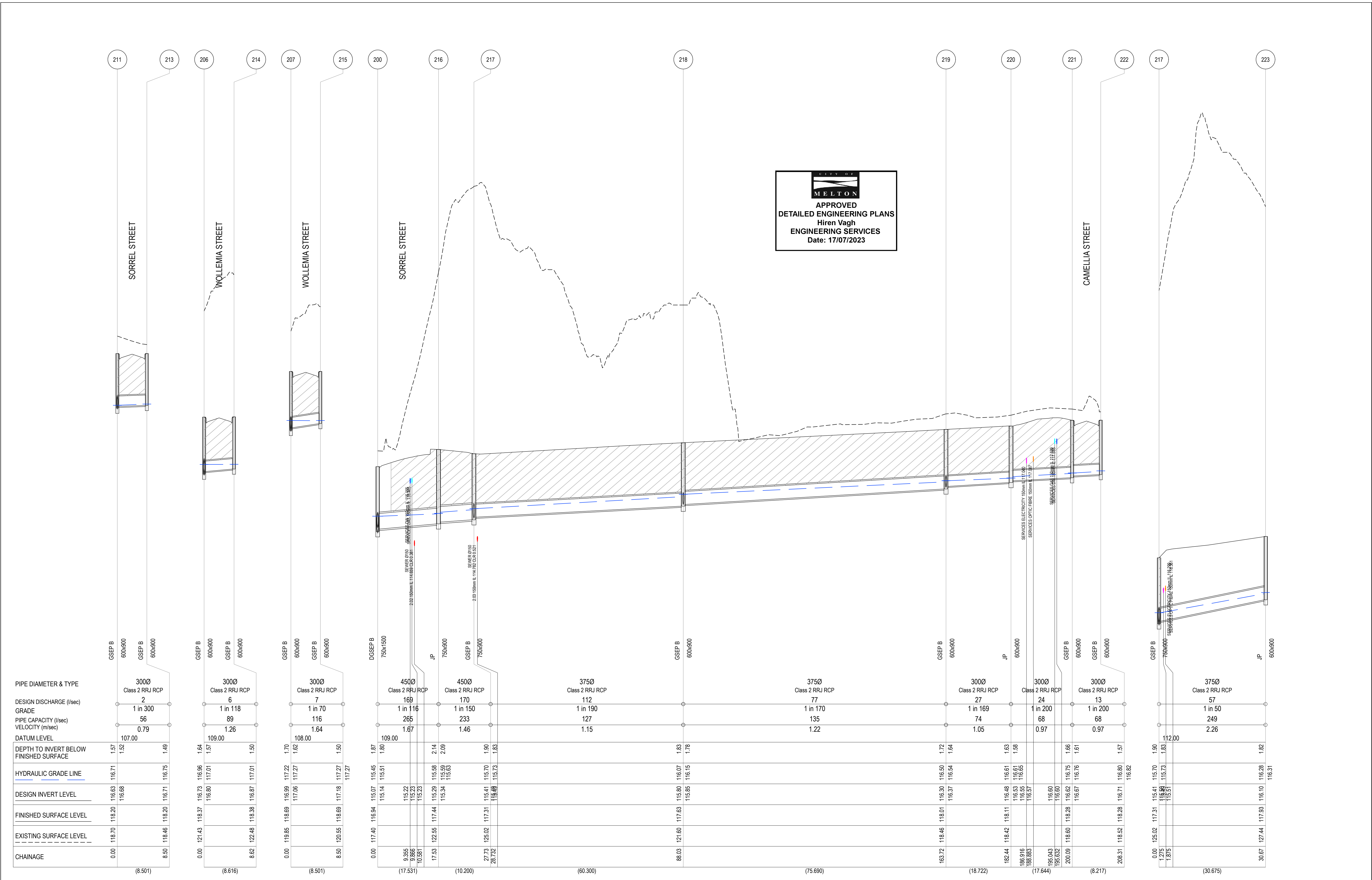
PM	A. CHUDLEIGH
DESIGNED	27.10.2022
B. KEYES	27.10.2022
CHECKED	27.10.2022
T. BARBOUR	27.10.2022
AUTHORISED	27.10.2022
T. BARBOUR	27.10.2022
MELBOURNE	343 H6
POS No.	PS813467R
STATUS	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
INTERSECTION DETAILS - 2

APPROVAL

128702RD28

SHEET No. 28 OF 47
REV. D



MELTON
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023

PIPE DIAMETER & TYPE	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	4500 Class 2 RRJ RCP	4500 Class 2 RRJ RCP	3750 Class 2 RRJ RCP	3750 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	3750 Class 2 RRJ RCP
DESIGN DISCHARGE (l/sec)	2	6	7	169	170	112	77	27	24	13	57
GRADE	1 in 300	1 in 118	1 in 70	1 in 116	1 in 150	1 in 190	1 in 170	1 in 169	1 in 200	1 in 200	1 in 50
PIPE CAPACITY (l/sec)	56	89	116	265	233	127	135	74	68	68	249
VELOCITY (m/sec)	0.79	1.26	1.64	1.67	1.46	1.15	1.22	1.05	0.97	0.97	2.26
DATUM LEVEL	107.00	109.00	108.00	109.00	108.00	109.00	109.00	109.00	109.00	109.00	109.00
DEPTH TO INVERT BELOW FINISHED SURFACE	1.57	1.57	1.50	1.87	1.80	1.83	1.72	1.64	1.63	1.58	1.82
HYDRAULIC GRADE LINE	116.71	116.86	116.75	115.45	115.51	115.70	116.07	116.54	116.61	116.65	116.28
DESIGN INVERT LEVEL	116.63	116.80	116.71	115.22	115.23	115.41	115.80	116.30	116.60	116.62	115.51
FINISHED SURFACE LEVEL	118.20	118.37	118.20	117.06	117.27	117.31	117.63	118.01	118.11	118.28	117.93
EXISTING SURFACE LEVEL	118.70	121.43	118.46	119.85	118.69	125.02	121.60	118.46	118.42	118.60	127.44
CHAINAGE	0.00	8.50	8.62	0.00	17.53	27.73	88.03	163.72	182.44	200.09	208.31

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

LEGEND
 CRUSHED ROCK BACKFILL

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ROBINSONS
RISE

Colliers
Horizontal 0 5 10 15 20 25
Scale 1:500 A1
Vertical 0 0.5 1.0 1.5 2.0 2.5

PM	A. CHUDLEIGH
DESIGNED	27.10.2022
B. KEYES	
CHECKED	27.10.2022
T. BARBOUR	
AUTHORISED	27.10.2022
T. BARBOUR	
MELWAYS	343 H6
POS No.	PS813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
DRAINAGE LONGITUDINAL SECTIONS - 2

APPROVAL	128702RD30	SHEET No.	30 OF 47
REV.	D		

223

224

225

306

226

227

228

219

229

CITY OF MELTON
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023

PIPE DIAMETER & TYPE

DESIGN DISCHARGE (l/sec)

GRADE

PIPE CAPACITY (l/sec)

VELOCITY (m/sec)

DATUM LEVEL

DEPTH TO INVERT BELOW

FINISHED SURFACE

HYDRAULIC GRADE LINE

DESIGN INVERT LEVEL

FINISHED SURFACE LEVEL

EXISTING SURFACE LEVEL

CHAINAGE

JP 600x900

JP 600x900

JP 600x900

JP 600x900

JP 600x900

JP 600x900

JP 600x900

GSEP B 600x900

JP 600x900

(67.500)

(68.997)

(61.797)

(56.500)

(38.000)

(43.088)

LEGEND



CRUSHED ROCK BACKFILL

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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ROBINSONS
RISE



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Scale 1:500 A1
Vertical 0 0.5 1.0 1.5 2.0 2.5

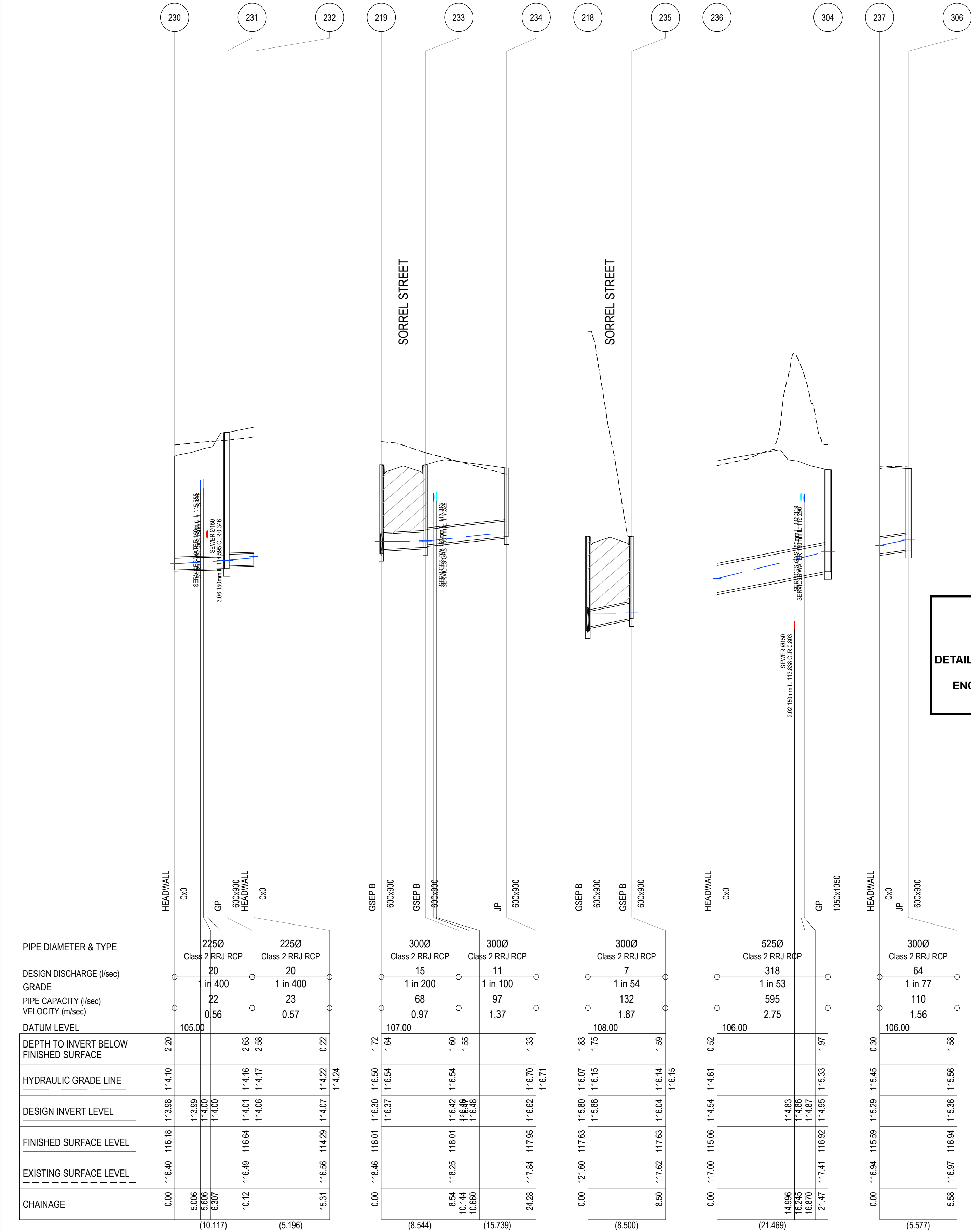
PM A. CHUDLEIGH
DESIGNED 27.10.2022
B. KEYES
CHECKED 27.10.2022
T. BARBOUR
AUTHORISED 27.10.2022
T. BARBOUR
MELBOURNE 343 HB
POS No.: PS813467R
STATUS:

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
DRAINAGE LONGITUDINAL SECTIONS - 3

APPROVAL

128702RD31

SHEET No. 31 OF 47
REV. D



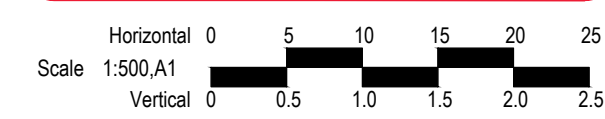
CITY OF MELTON
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

LEGEND
 CRUSHED ROCK BACKFILL

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ROBINSONS
RISE



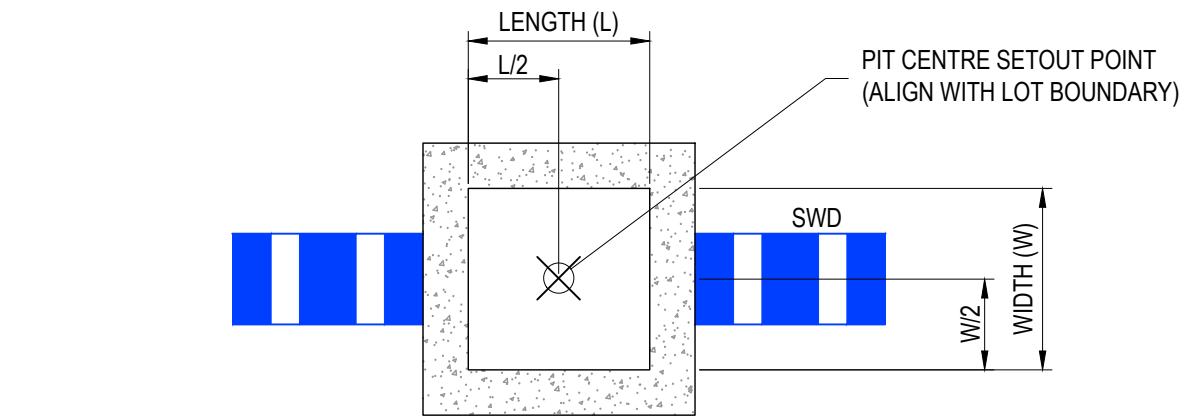
PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MECHANICAL	27.10.2022
STATUS	PSB13467R

80-106 ALFRED RD COBBLEBANK ROBINSONS RISE - STAGE 2 CITY OF MELTON DRAINAGE LONGITUDINAL SECTIONS - 4	
APPROVAL	128702RD32
REV.	D

DRAINAGE PIT SCHEDULE

PIT		SET OUT CO-ORDINATES		INTERNAL DIMENSIONS		INLET		OUTLET		PIT		REMARKS
No.	TYPE	EASTING	NORTHING	WIDTH	LENGTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
200	DOUBLE GRATED SIDE ENTRY PIT (B2 KERB)	289433.579	5822881.438	750	1500	375	115.216	525	115.066	116.941	1.875	REFER TO STD DRG EDCM 602 & EDCM 607
201	JUNCTION PIT	289421.459	5822890.583	750	900	375	115.493	375	115.443	117.512	2.069	REFER TO STD DRG EDCM 605 & EDCM 607
202	GRATED SIDE ENTRY PIT (B2 KERB)	289378.942	5822895.492	600	900	375	115.841	375	115.791	117.625	1.835	REFER TO STD DRG EDCM 601
203	JUNCTION PIT	289371.795	5822904.534	600	900	375	116.120	375	116.070	117.929	1.859	REFER TO STD DRG EDCM 605
204	GRATED SIDE ENTRY PIT (B2 KERB)	289363.353	5822905.523	600	900	375	116.286	375	116.236	118.129	1.893	REFER TO STD DRG EDCM 601
205	GRATED SIDE ENTRY PIT (B2 KERB)	289368.722	5822951.357	600	900	375	116.421	375	116.371	118.129	1.758	REFER TO STD DRG EDCM 601
206	GRATED SIDE ENTRY PIT (B2 KERB)	289376.085	5823014.232	600	900	300	116.446			118.129	1.758	REFER TO STD DRG EDCM 601
207	GRATED SIDE ENTRY PIT (B2 KERB)	289384.751	5823088.204	600	900	375	116.775	375	116.725	118.369	1.644	REFER TO STD DRG EDCM 601
208	JUNCTION PIT	289376.085	5823014.232	600	900	300	116.800			118.369	1.644	REFER TO STD DRG EDCM 601
209	GRATED SIDE ENTRY PIT (B2 KERB)	289384.751	5823088.204	600	900	300	117.061	375	116.986	118.685	1.699	REFER TO STD DRG EDCM 601
210	GRATED SIDE ENTRY PIT (B2 KERB)	289377.328	5822951.765	600	900	300	117.061			118.685	1.699	REFER TO STD DRG EDCM 601
211	GRATED SIDE ENTRY PIT (B2 KERB)	289384.751	5823113.201	600	900	300	117.359	300	117.309	119.027	1.718	REFER TO STD DRG EDCM 605
212	JUNCTION PIT	289354.31	5822898.377	600	900	300	117.468	300	117.418	119.027	1.571	REFER TO STD DRG EDCM 601
213	GRATED SIDE ENTRY PIT (B2 KERB)	289337.824	5822900.308	600	900	300	117.677	300	117.627	118.993	1.498	REFER TO STD DRG EDCM 601
214	GRATED SIDE ENTRY PIT (B2 KERB)	289377.328	5822951.765	600	900	300	116.677	300	116.627	118.200	1.573	REFER TO STD DRG EDCM 601
215	GRATED SIDE ENTRY PIT (B2 KERB)	289384.528	5823013.24	600	900	300	116.677			118.200	1.573	REFER TO STD DRG EDCM 601
216	JUNCTION PIT	289337.824	5822900.308	600	900			300	116.945	118.380	1.435	REFER TO STD DRG EDCM 605
217	GRATED SIDE ENTRY PIT (B2 KERB)	289433.16	5822909.027	750	900	450	115.342	450	115.292	117.314	2.144	REFER TO STD DRG EDCM 605 & EDCM 607
218	GRATED SIDE ENTRY PIT (B2 KERB)	289440.249	5822968.909	600	900	375	115.485	375	115.410	117.314	1.904	REFER TO STD DRG EDCM 601 & EDCM 607
219	GRATED SIDE ENTRY PIT (B2 KERB)	289449.055	5823044.085	600	900	300	115.852			117.631	1.829	REFER TO STD DRG EDCM 601
						300	115.877	375	116.298	117.631	1.829	REFER TO STD DRG EDCM 601
						300	116.373			118.015	1.717	REFER TO STD DRG EDCM 601
						300	116.373			118.015	1.717	
220	JUNCTION PIT	289451.233	5823062.679	600	900	300	116.534	300	116.484	118.110	1.626	REFER TO STD DRG EDCM 605
221	GRATED SIDE ENTRY PIT (B2 KERB)	289447.899	5823080.006	600	900	300	116.672	300	116.622	118.278	1.656	REFER TO STD DRG EDCM 601
222	GRATED SIDE ENTRY PIT (B2 KERB)	289450.834	5823087.681	600	900	300	116.713	300	116.713	118.281	1.569	REFER TO STD DRG EDCM 601
223	JUNCTION PIT	289402.693	5822912.595	600	900	375	116.155	375	116.105	117.929	1.825	REFER TO STD DRG EDCM 605
224	JUNCTION PIT	289410.546	5822979.637	600	900	225	117.057	375	116.907	118.231	1.324	REFER TO STD DRG EDCM 605
225	JUNCTION PIT	289418.573	5823048.166	600	900			225	117.427	118.592	1.166	REFER TO STD DRG EDCM 605
226	JUNCTION PIT	289471.204	5822928.026	600	900	300	115.790	300	115.740	117.273	1.533	REFER TO STD DRG EDCM 605
227	JUNCTION PIT	289477.777	5822984.143	600	900	300	116.262	300	116.212	117.546	1.334	REFER TO STD DRG EDCM 605
228	JUNCTION PIT	289482.198	5823021.885	600	900	300		300	116.596	117.729	1.133	REFER TO STD DRG EDCM 605
229	JUNCTION PIT	289408.828	5823059.524	600	900			300	117.281	118.826	1.545	REFER TO STD DRG EDCM 605
230	HEADWALL	289447.844	5822814.375			225	113.982			113.98		TEMPORARY SANDBAG HEADWALL
231	GRATED PIT	289449.495	5822824.356	600	900	225	114.057	225	114.01	116.64	2.634	REFER TO STD DRG EDCM 605
232	HEADWALL	289450.099	5822829.517					225	114.07	114.07		TEMPORARY SANDBAG HEADWALL
233	GRATED SIDE ENTRY PIT (B2 KERB)	289457.598	5823043.958	600	900	300	116.465	300	116.42	118.01	1.598	REFER TO STD DRG EDCM 601
234	JUNCTION PIT	289472.292	5823038.318	600	900			300	116.62	117.95	1.329	REFER TO STD DRG EDCM 605
235	GRATED SIDE ENTRY PIT (B2 KERB)	289448.691	5822967.92	600	900			300	116.04	117.63	1.595	REFER TO STD DRG EDCM 601
236	HEADWALL	289450.898	5822859.976			525	114.540			114.54		TEMPORARY SANDBAG HEADWALL
237	HEADWALL	289459.181	5822863.787			300	115.290			115.29		TEMPORARY SANDBAG HEADWALL
304	GRATED PIT	289435.32	5822874.775	1050	1050	525	114.997			116.92	1.970	REFER TO STD DRG EDCM 605 & EDCM 607
								525	114.95	116.92	1.971	
306	JUNCTION PIT	289464.015	5822866.649	600	900	300	115.412	300	115.36	116.94	1.577	REFER TO STD DRG EDCM 605

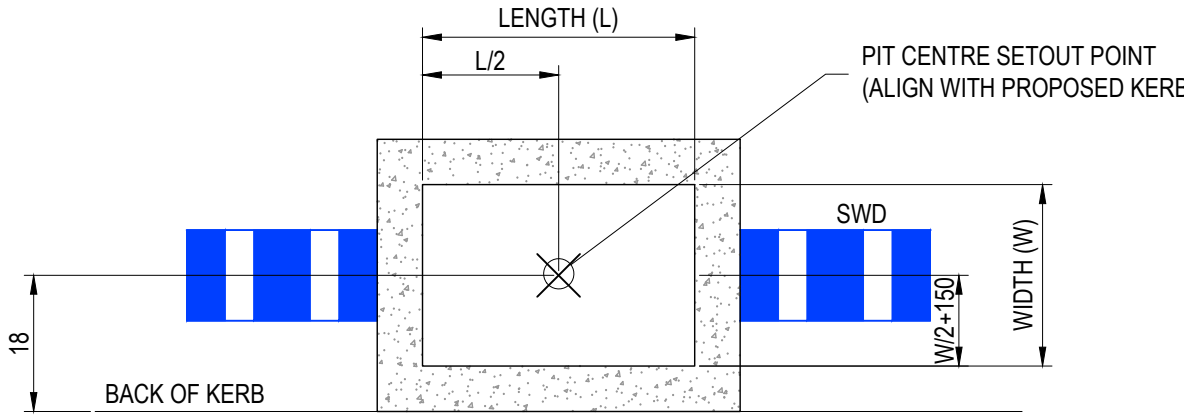
NOTE:
1. xy setout to pit centre
2. setout level to pit cover level



TYPICAL DRAINAGE PIT SETOUT DETAIL

JUNCTION PIT/ EASEMENT PIT

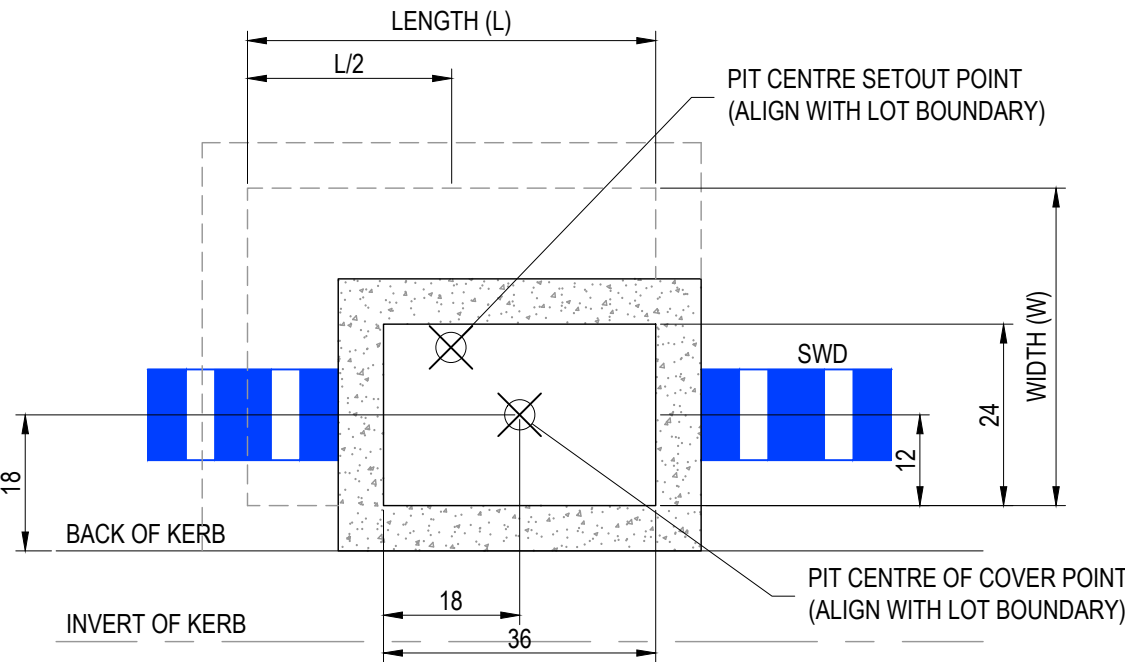
REFER TO EDCM 605
NOT TO SCALE



TYPICAL DRAINAGE PIT SETOUT DETAIL

GRATED SIDE ENTRY PIT

REFER TO EDCM 601 & 603
NOT TO SCALE



TYPICAL DRAINAGE PIT SETOUT DETAIL

HAUNCHED GRATED SIDE ENTRY PIT

REFER TO EDCM 601, 603 & 607
NOT TO SCALE



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APP'D	DATE

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FILE: J:\1245 - workspace\1245\AJMEL\SQ\01128702_789\PM02 DESIGN\G01 DESIGN\ACAD\128702-RD6-DR.dwg LAYOUT: RD6-05 PLOTTED BY: Tarabata Max PLOT DATE: 1/3/2023 9:26 AM



Scale

NOT TO SCALE

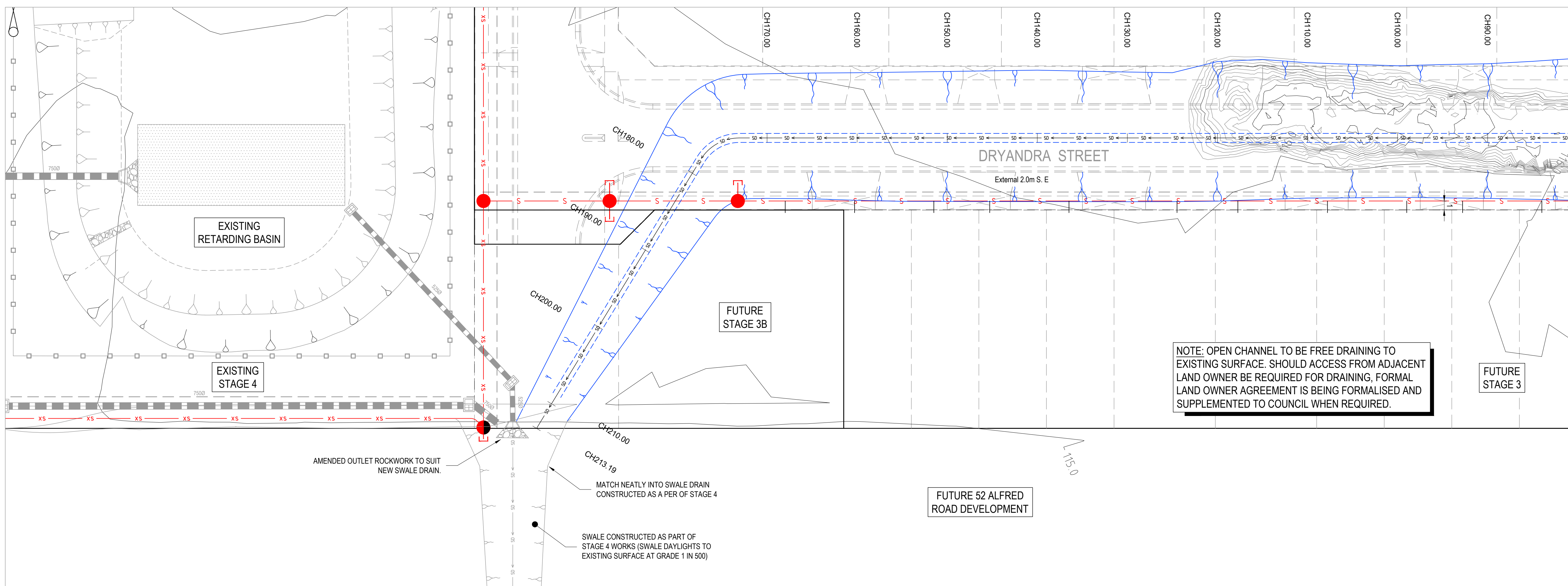
PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MELBOURNE	27.10.2022
POS No.	943 H6
STATUS	PSB13467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
PIT SCHEDULE & SETOUT DETAILS

APPROVAL

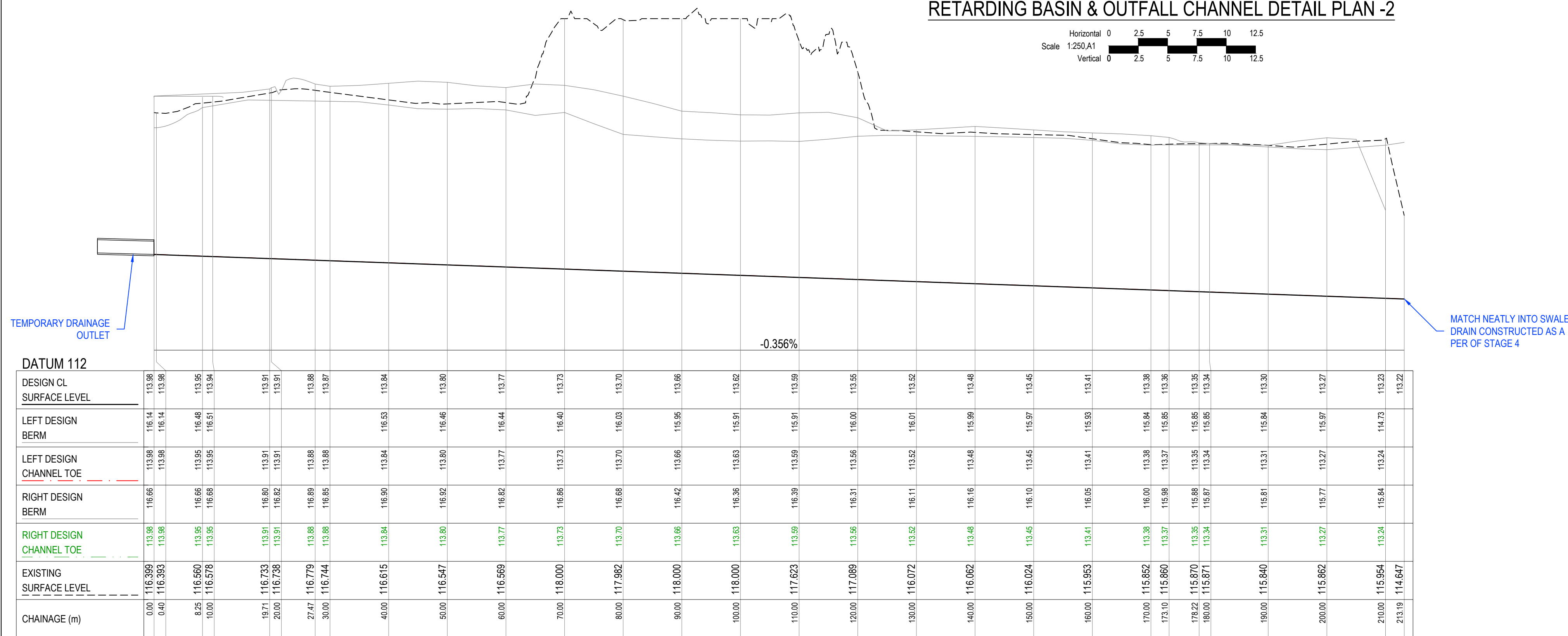
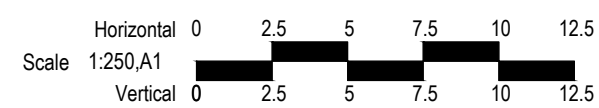
128702RD33

SHEET No.	33 OF 47
REV.	D

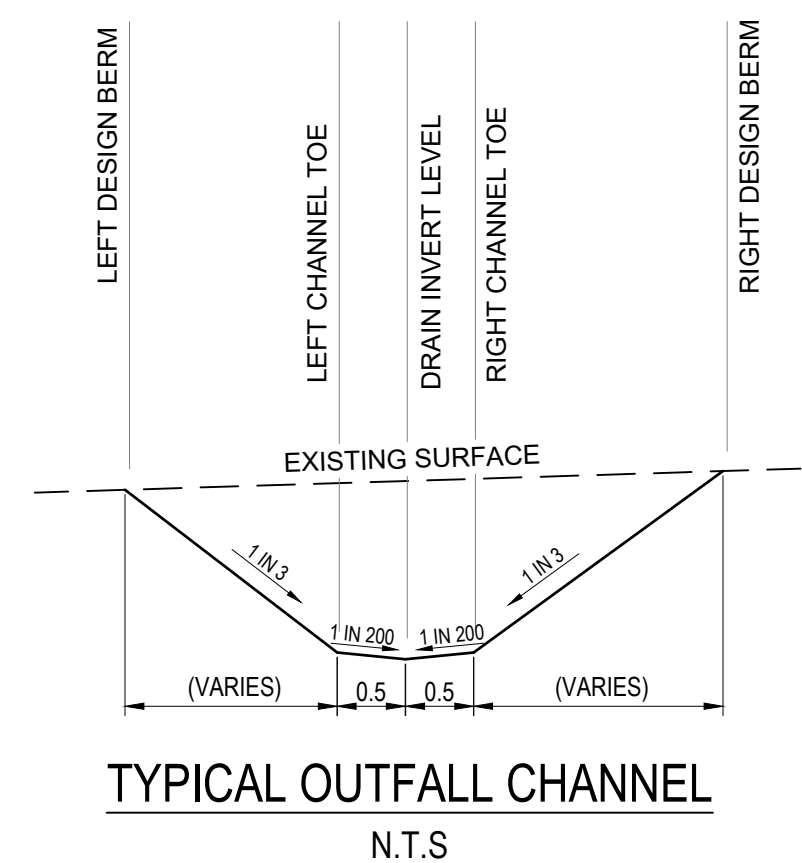


FOR CONTINUATION REFER TO SHEET 34

RETARDING BASIN & OUTFALL CHANNEL DETAIL PLAN -2

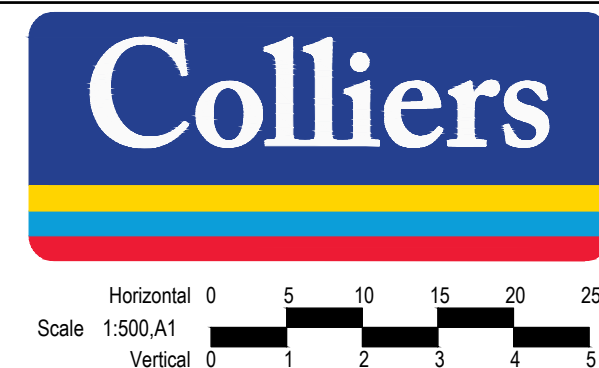


OUTFALL CHANNEL - LONGITUDINAL SECTION



D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APP'D	DATE

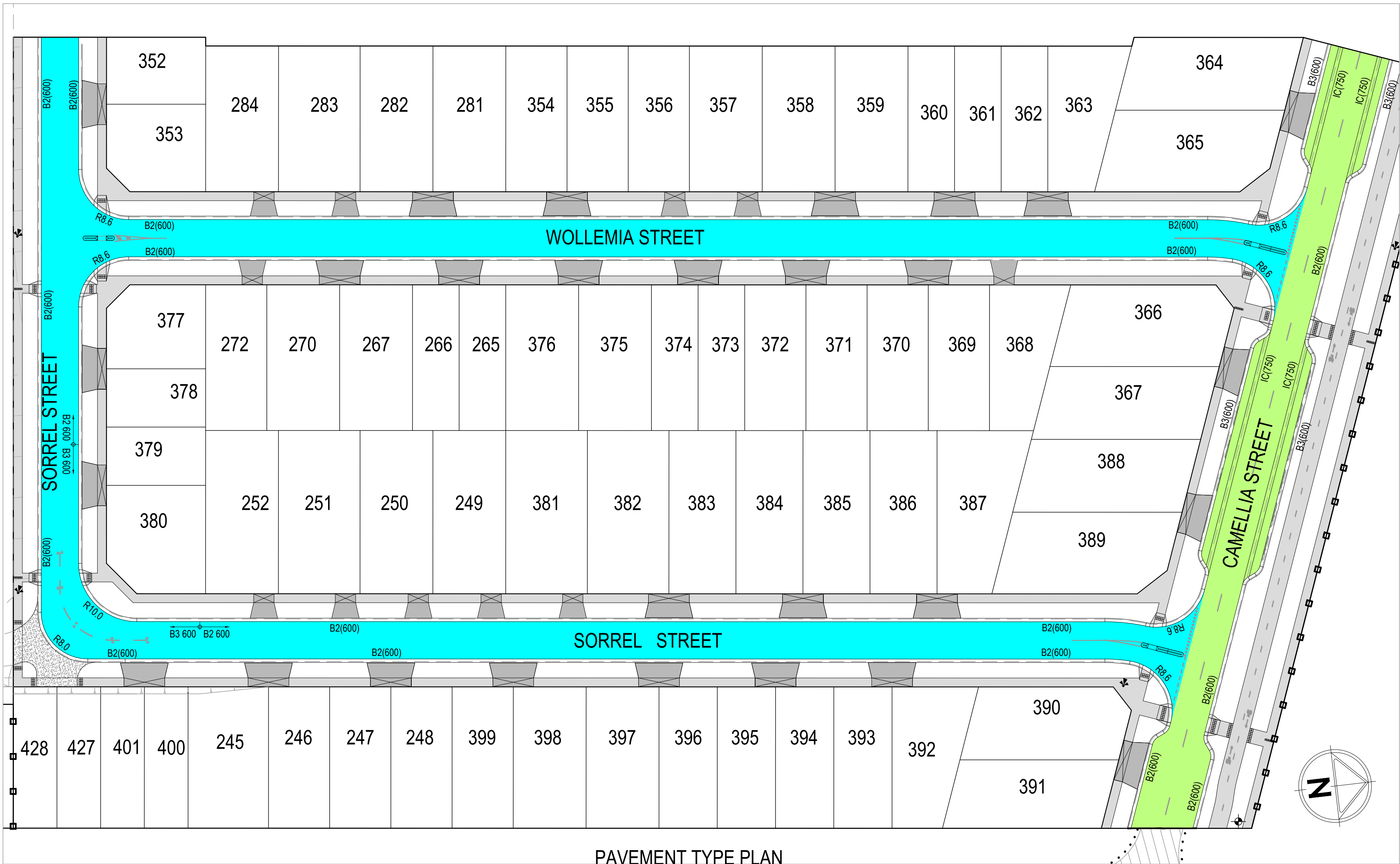
© 2020 Colliers International Engineering & Design (VIC) Pty Ltd
FILE: J:\12325 - works\project\data\A\12325-01\128702_789\PM02 DESIGN\G01 DESIGN\ACAD\128702-RD6-DR.dwg LAYOUT: RD6-07 PLOTTED BY: T. Barbour, Max PLOT DATE: 13/2023 9:26 AM



PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	T. BARBOUR
MELBOURNE	27.10.2022
POS No.	343 H6
STATUS	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
RETARDING BASIN
& OUFALL CHANNEL DETAIL PLAN - 2

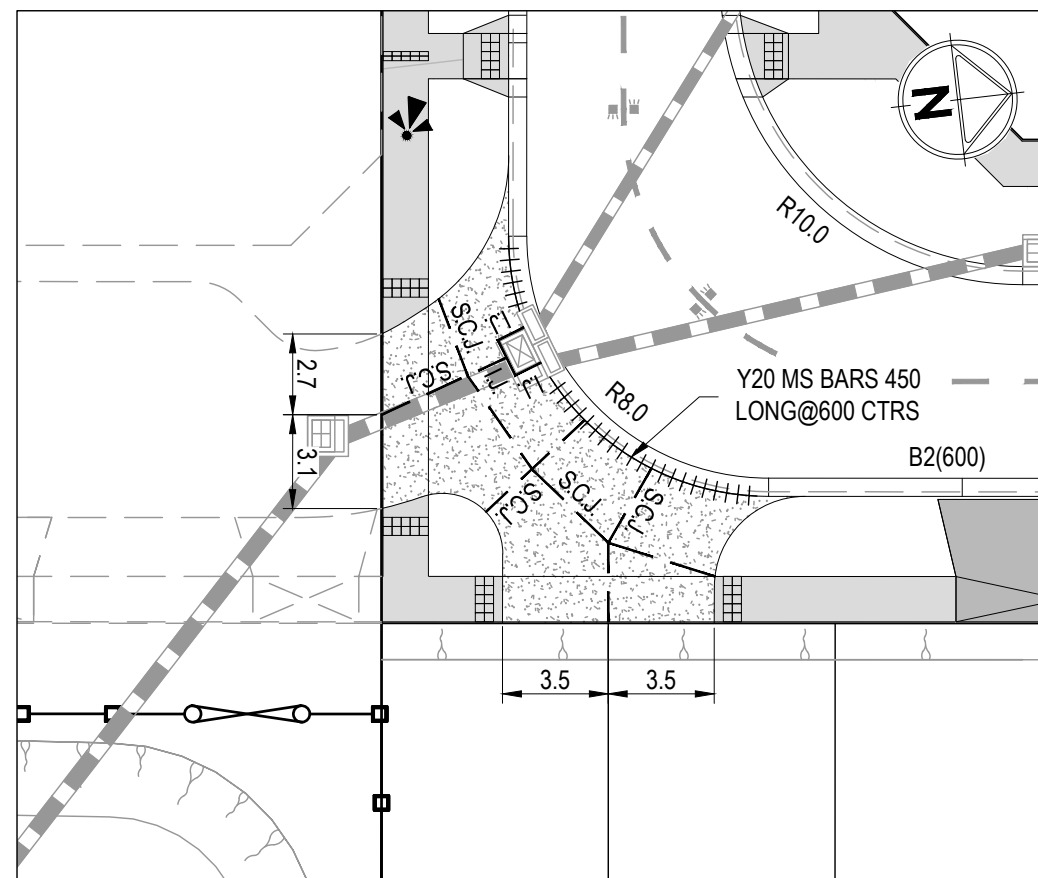
APPROVAL	128702RD35	SHEET No.	35 OF 47
REV.	D		



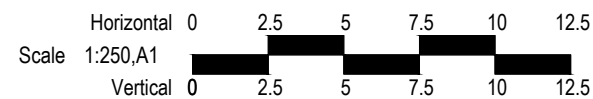
PAVEMENT TYPE PLAN

(REFER TO RD37 FOR DETAILS)

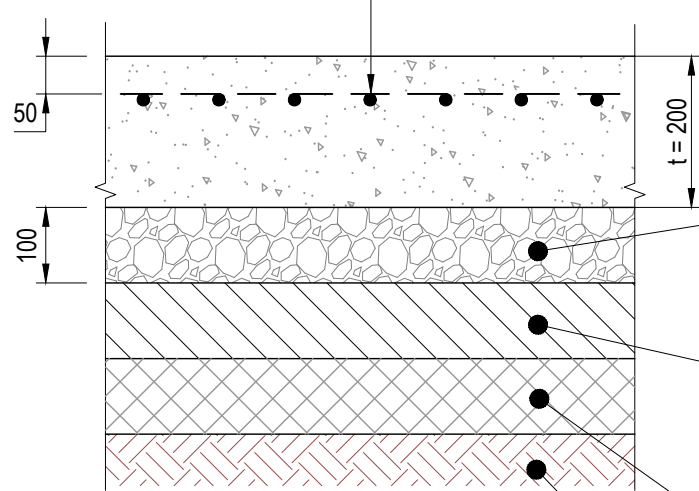
SCALE 1 : 500



PAVEMENT JOINTING PLAN



200mm THICK N25 CONCRETE WITH
SL82 MESH TOP 50 COVER. MESH
TO HAVE 50 COVER TO ALL EDGES



CONCRETE PAVEMENT

NOT TO SCALE

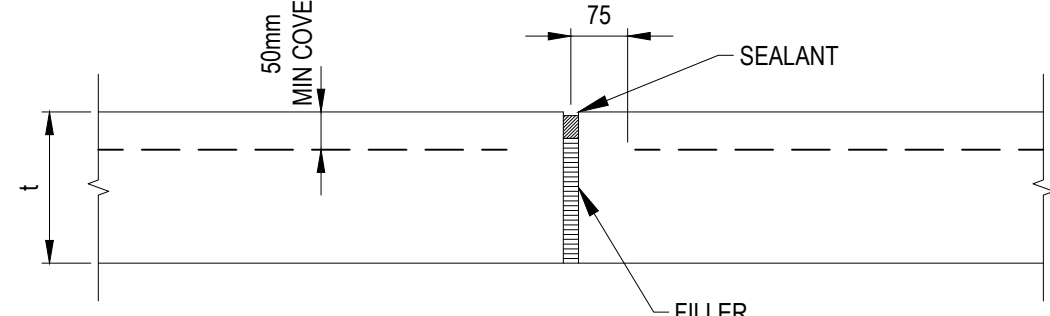
100mm THICK 20mm CLASS 3 CRUSHED
ROCK OR CLASS 3 CRUSHED CONCRETE
MECHANICALLY COMPACTED. REFER TO
INDIVIDUAL ROAD PAVEMENT DESIGN
FOR SUB GRADE MAKEUP

150mm THICK CAPPING LAYER - SELECT FILL OR STABILISED CLAY
MEETING THE FOLLOWING MATERIAL PROPERTIES, CBR >=10%,
SWELL <=1.5%, PERMEABILITY K<=5x10⁻⁹m/s, COMPACTED TO A
MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY
DENSITY AS1289, 5.1.1, COMPACTED AT MOISTURE CONTENT OF
±2.0% OF STANDARD OPTIMUM MOISTURE CONTENT.

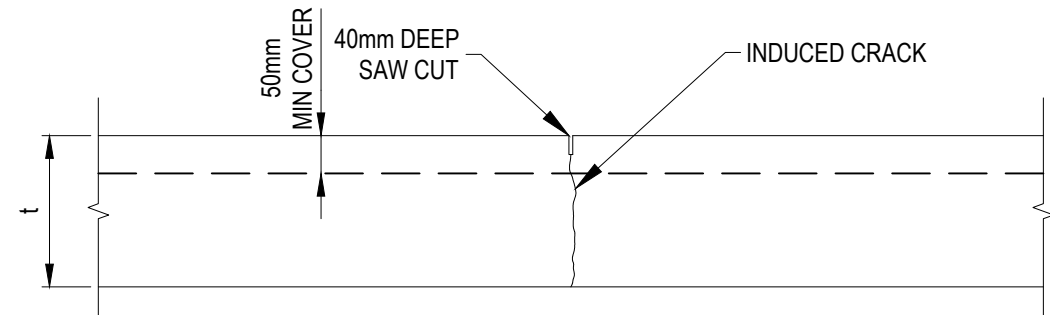
150mm THICK CONSTRUCTION LAYER - SELECT FILL OR STABILISED
CLAY MEETING THE FOLLOWING MATERIAL PROPERTIES, CBR
>=10%, SWELL <=1.5%, PERMEABILITY K<=5x10⁻⁹m/s, COMPACTED TO
A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM
DRY DENSITY AS1289, 5.1.1, COMPACTED AT MOISTURE CONTENT OF
±2.0% OF STANDARD OPTIMUM MOISTURE CONTENT.

SUBGRADE: MATERIAL AS FOUND (SILTY CLAY)
COMPACTED TO A MINIMUM DENSITY OF 98%
(STANDARD) AS PER 1289, 5.1.1.

ISOLATION JOINT



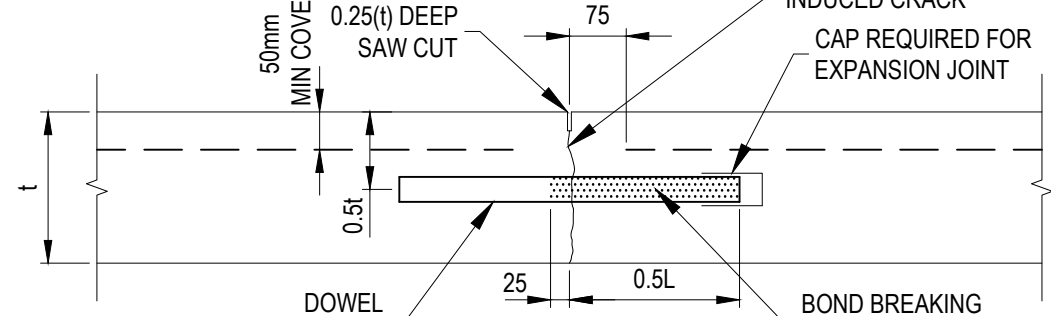
SAW CUT



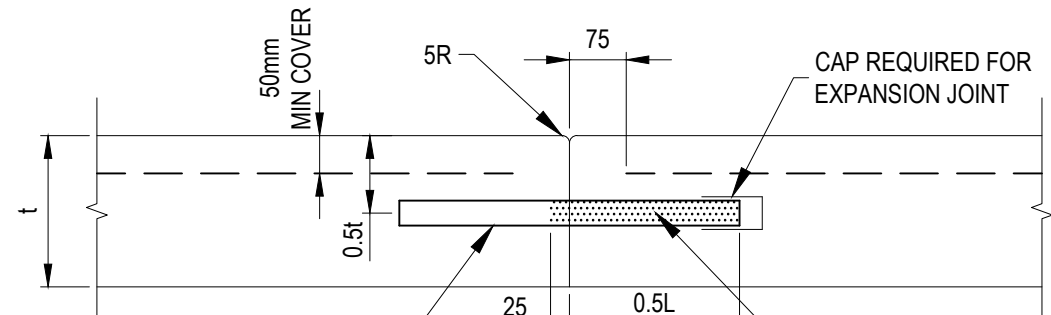
GENERAL NOTES:

- ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND CCAA LITERATURE; OR VIC ROADS STANDARDS FOR NON RESIDENTIAL STREETS.
- ALL CONCRETE TO BE MINIMUM 32MPa COMPRESSIVE STRENGTH
- CONCRETE TO BE THOROUGHLY COMPACTED USING EITHER SURFACE AND/OR IMMERSION VIBRATORS, PARTICULARLY AROUND REINFORCEMENT AND IN CORNERS OF FORMS.
- PRIOR TO CASTING, THE UNBOUND GRANULAR SUBBASE MUST BE DAMP TO ENSURE NO EARLY "DRYING OUT" OF THE CONCRETE.
- CURING OF CONCRETE IS ESSENTIAL - IDEALLY BY MAINTAINING WET HESSIAN OR SEALING WITH PLASTIC SHEETING.
- SAW CUTTING OF CONCRETE SHOULD BE COMMENCED AS SOON AS CONCRETE PERMITS BY EXPERIENCED CONTRACTORS, BUT NO LATER THAN 12 HOURS AFTER POUR.
- ALL DOWELS TO BE GRADE 250R STEEL BARS, 450mm LONG AND PLACED AT 300mm CENTRES. REFER CCAA- "CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS" FOR DOWEL DIAMETERS. DOWELS MUST BE ACCURATELY PLACED TO ENSURE THE JOINT DOES NOT "LOCK". INSERTION OF DOWELS DURING THE PLACING OF CONCRETE IS NOT ACCEPTABLE. DOWELS MUST BE SAWN AND NOT CROPPED.
- ALL JOINTS TO BE APPROPRIATELY SEALED TO RESIST THE INTRUSION OF SAND AND GRAVEL AND TO MINIMISE THE INGRESS OF WATER.
- VARIATION TO JOINT LAYOUT BY CONTRACTOR WILL NOT BE ACCEPTED WITHOUT SPECIFIC WRITTEN APPROVAL OF SUPERINTENDENT & COUNCIL.

TRANSVERSE CONSTRUCTION JOINT

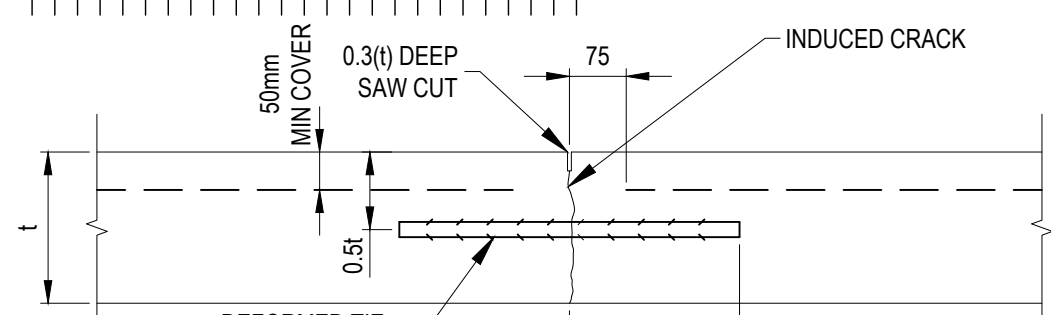


WEAKENED-PLANE JOINT

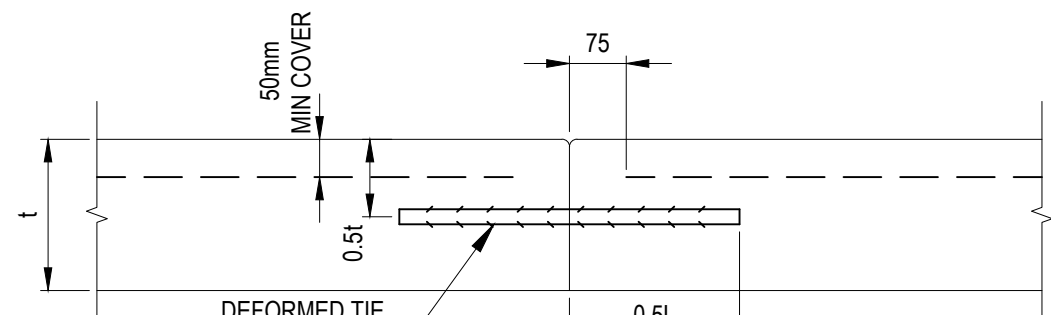


CONSTRUCTION JOINT

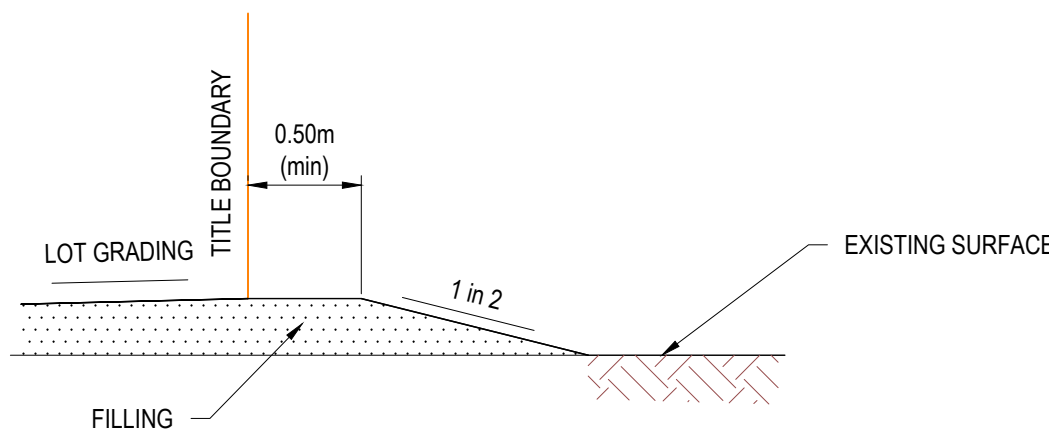
TIED CONSTRUCTION JOINT



WEAKENED-PLANE JOINT

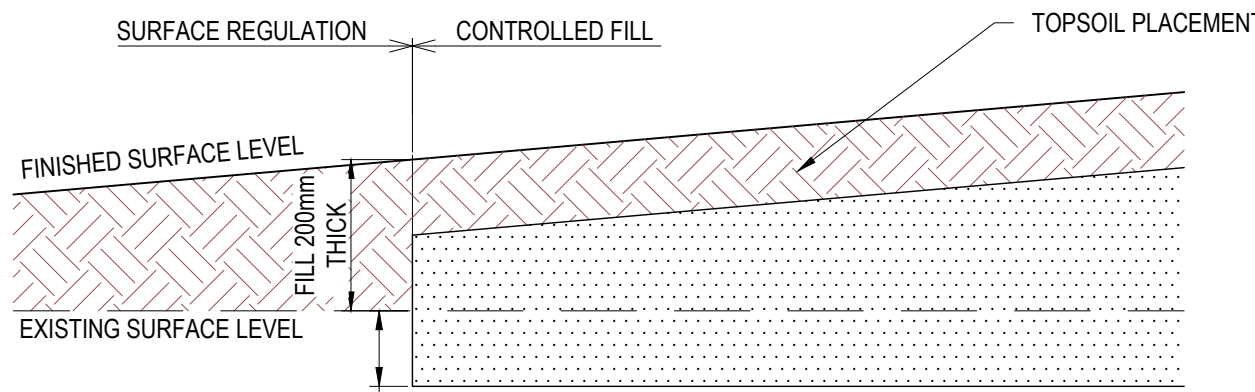


CONSTRUCTION JOINT



LOT FILLING AT STAGE BOUNDARY

NOT TO SCALE



LOT REGRAIDING DETAIL

NOT TO SCALE

NOTES:

- FOR EXPANSIVE SUBGRADE: SAW CUT EXISTING ASPHALT. REFER TO SPECIFICATION SECTION 407.17 FOR JOINT DETAIL. APPLY PRIME AND SAMI TO EXISTING PAVEMENT.
- FOR NON EXPANSIVE SUBGRADE: SAW CUT EXISTING ASPHALT. REFER TO SPECIFICATION SECTION 407.17 FOR JOINT DETAIL. PLACE 600mm MIN WIDE STRESS ABSORBING MEMBRANE: GEOTEXTILE TO BE LOCATED CENTRALLY OVER PAVEMENT JOINT.
- SUBSURFACE DRAINS TO BE PROVIDED BEFORE THE CONSTRUCTION OF THE PAVEMENT.
- CONDUITS FOR GAS, WATER, ELECTRICITY AND TELECOM SERVICES TO BE LOCATED CLEAR OF PAVEMENT AND THE SUBSURFACE DRAIN.
- THE JOINT BETWEEN NEW AND OLD WEARING COURSE TO BE CRACK SEALED.
- THE JOINT BETWEEN NEW AND OLD WEARING COURSE MUST BE CONSTRUCTED AT A LOCATION OUTSIDE THE WHEEL PATH ZONE.



Scale

AS SHOWN

PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MELBURNS	343 H6
POS No.	PS813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
STANDARD DETAILS - 1

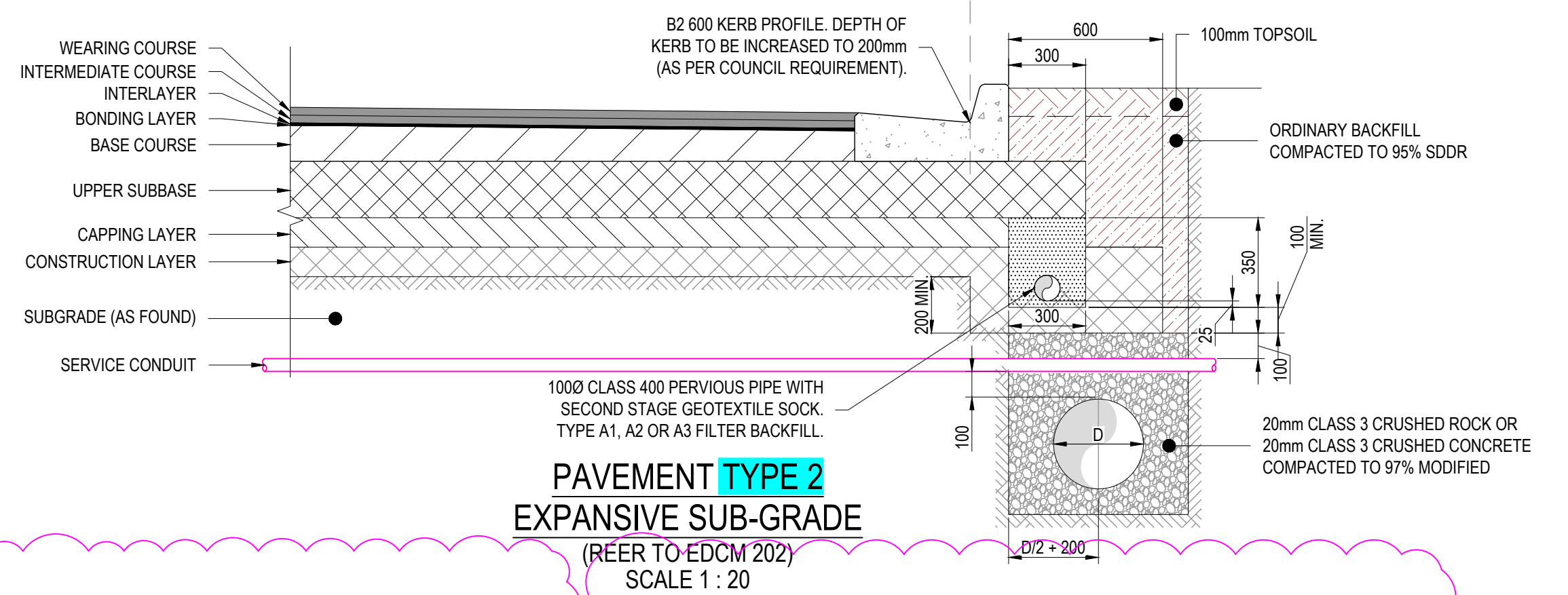
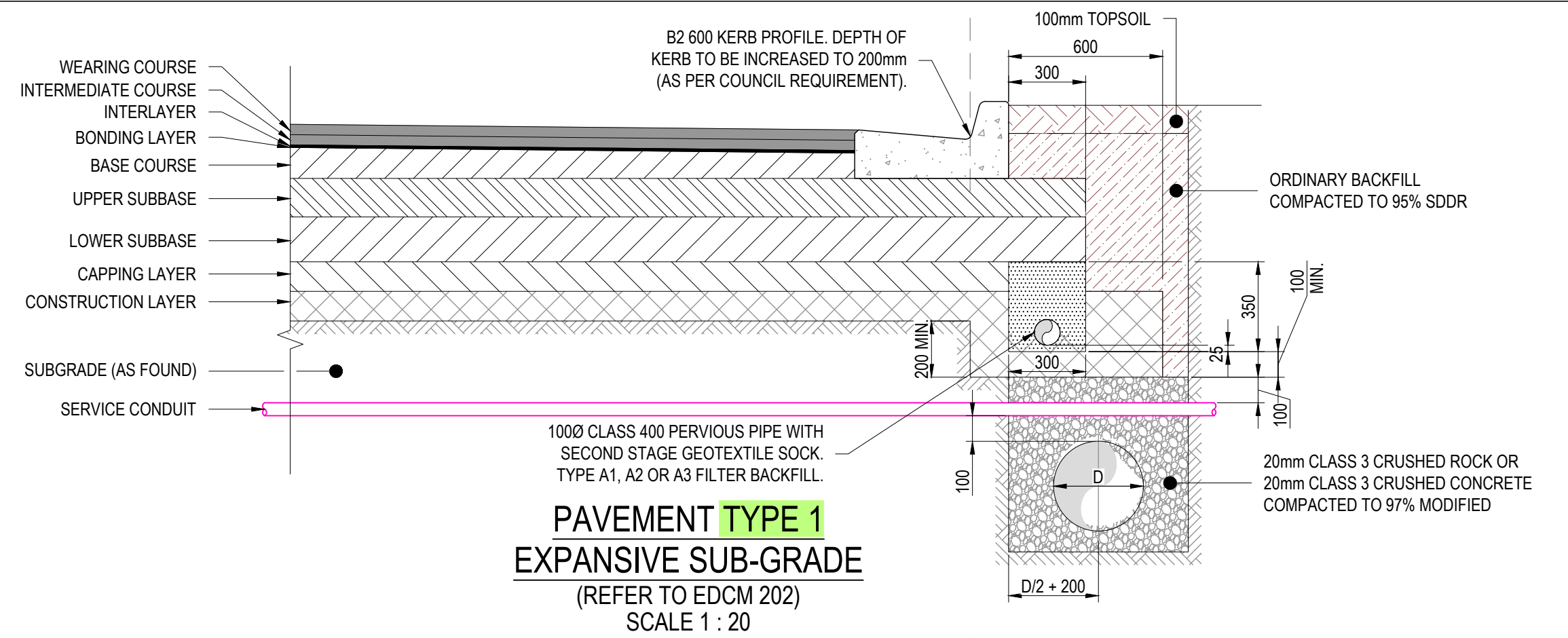
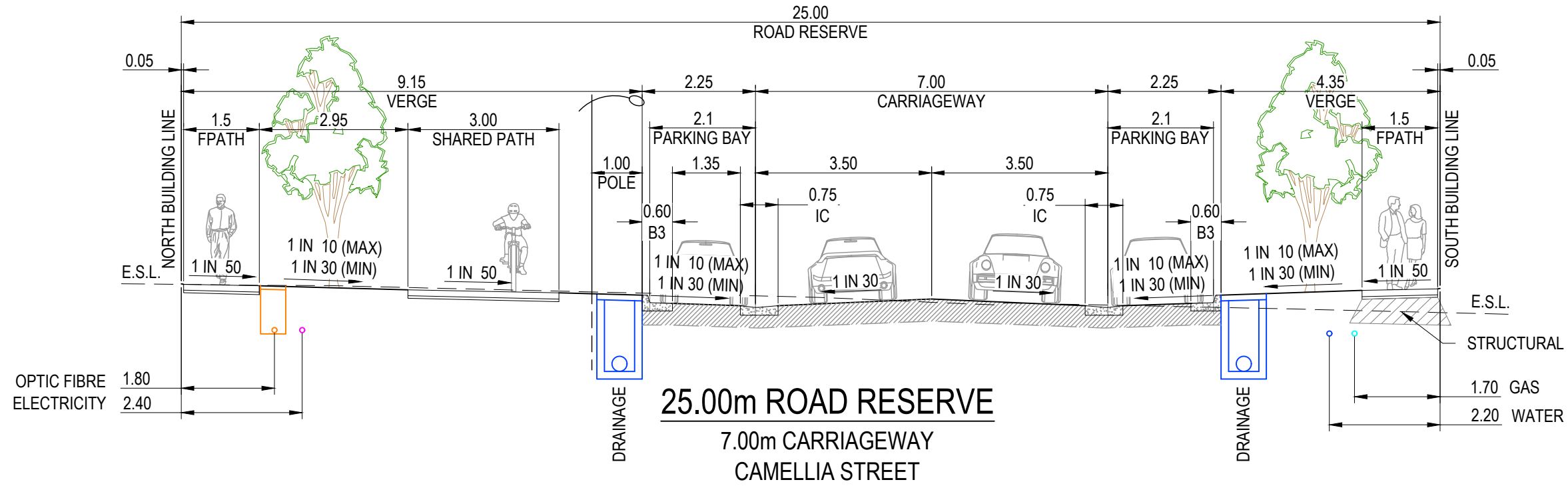
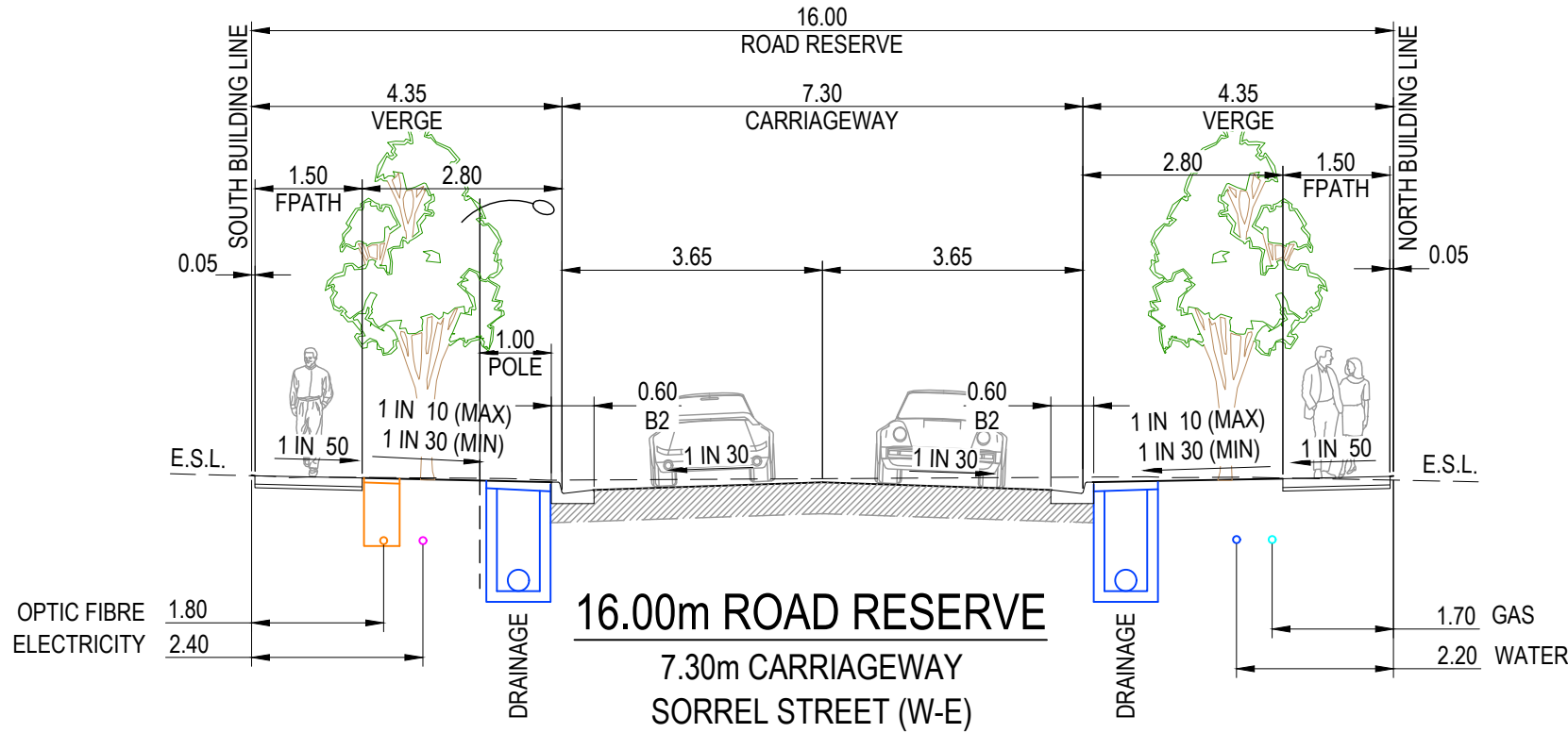
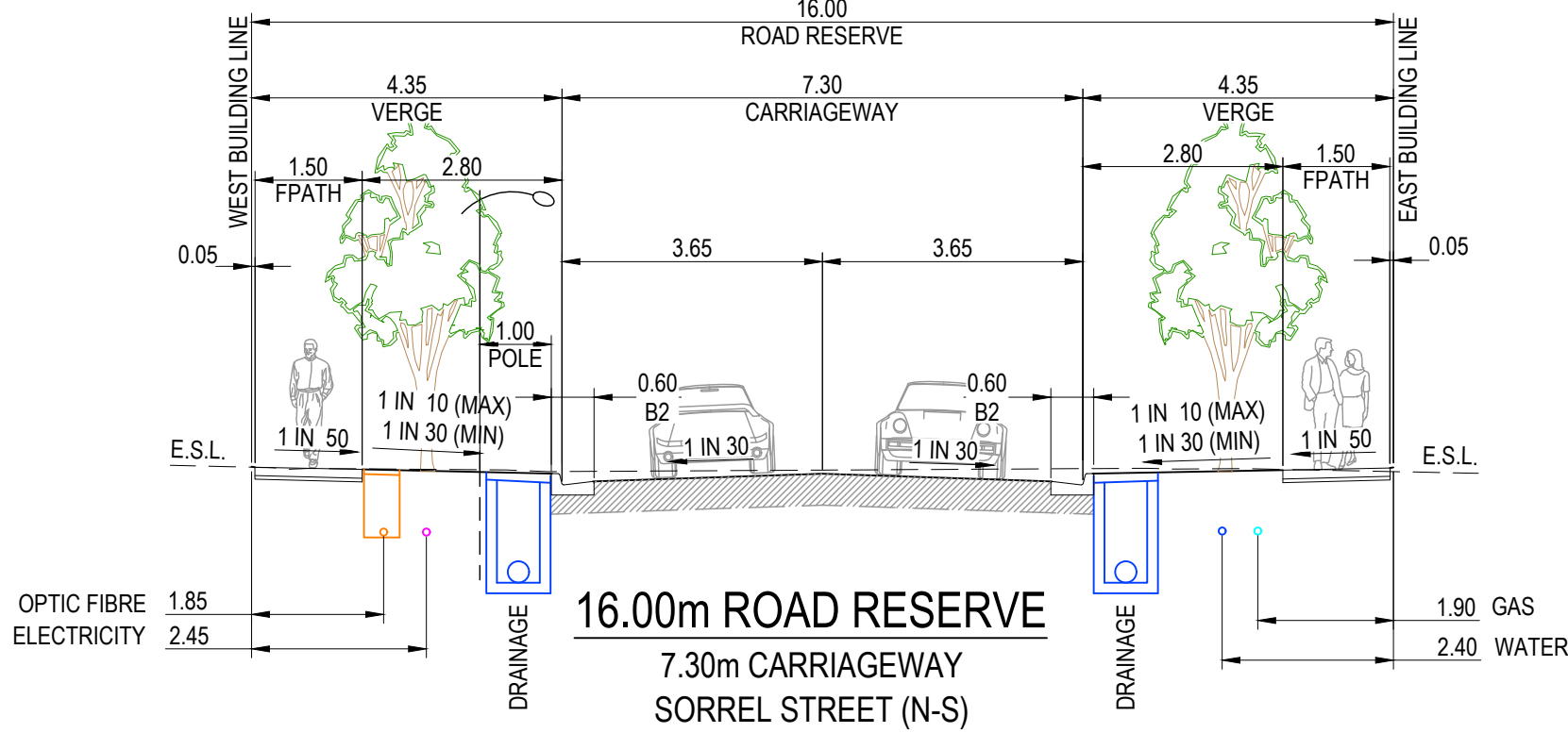
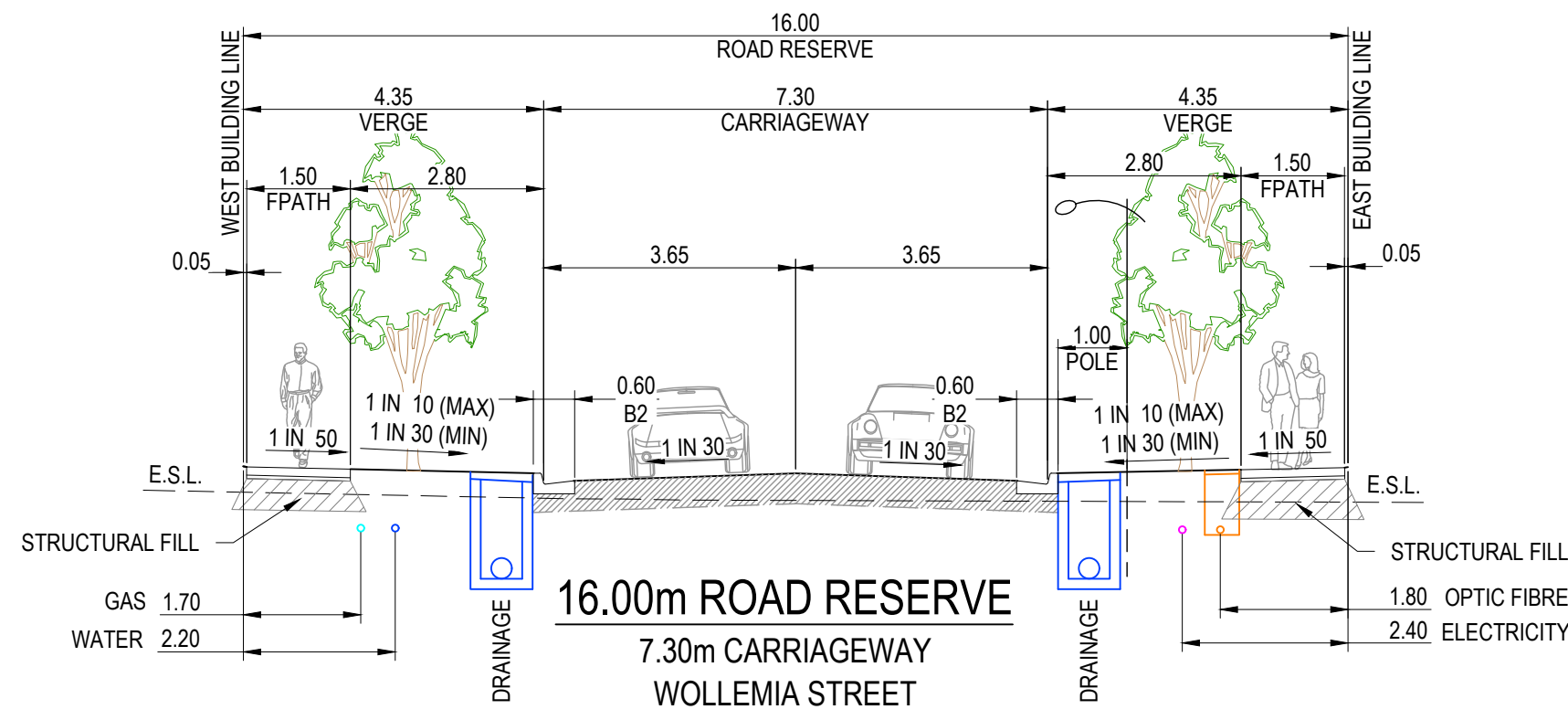
APPROVAL

128702RD36

SHEET No. 36 OF 47

REV. D

CITY OF MELTON
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023



PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		TYPE 1
WEARING COURSE	SIZE 14mm TYPE N CLASS 320 ASPHALT	40
INTERMEDIATE COURSE	SIZE 14mm TYPE HP WITH CLASS A10E BINDER	40
INTERLAYER	SIZE 10mm (S18R) STRAIN ALLEVIATING MEMBRANE	10
BONDING LAYER	PRIME OR 7mm PRIMERSEAL	✓
BASE COURSE	SIZE 20mm CLASS 2 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY OF 100% (CHARACTERISTIC MODIFIED) MAX. DRY DENSITY AS 1289.5.2.1	110
UPPER SUBBASE	SIZE 20mm CLASS 3 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY OF 98% (CHARACTERISTIC MODIFIED) MAX. DRY DENSITY AS 1289.5.2.1	150
UPPER PAVEMENT TOTAL		350
LOWER SUBBASE	SIZE 20mm CLASS 3/4 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY OF 98% (CHARACTERISTIC MODIFIED) MAX. DRY DENSITY AS 1289.5.2.1	175
CAPPING LAYER	SELECT FILL OR STABILISED CLAY MEETING THE FOLLOWING MATERIAL PROPERTIES, CBR >=10%, SWELL <=1.5%, PERMEABILITY K<=5X10 ⁻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 ±2.0% OF STANDARD OPTIMUM MOISTURE CONTENT.	150
CONSTRUCTION LAYER	SELECT FILL OR STABILISED CLAY MEETING THE FOLLOWING MATERIAL PROPERTIES, CBR >=10%, SWELL <=1.5%, PERMEABILITY K<=5X10 ⁻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 ±2.0% OF STANDARD OPTIMUM MOISTURE CONTENT.	150
SUBGRADE	MATERIAL AS FOUND (SILTY CLAY) COMPACTED TO A MINIMUM DENSITY OF 98% (STANDARD) AS 1289.5.1.1	
LOWER PAVEMENT TOTAL		475
TOTAL PAVEMENT DEPTH		825

NOTE: COMPACTION REQUIRED ONLY WHERE SELECT FILL IS USED FOR SUBGRADE IMPROVEMENT

PAVEMENT NOTES:

- REFER TO GEOTECHNICAL INVESTIGATION REPORT No. 4284.000.R1.3 DATED AUGUST 2014 BY TONKIN & TAYLOR PTY LTD FOR GEOTECHNICAL INFORMATION AND ADVICE.
- PAVEMENT DESIGN AND COMPOSITION ARE IN ACCORDANCE WITH GAA'S ENGINEERING DESIGN AND CONSTRUCTION MANUAL FOR SUBDIVISION IN GROWTH AREAS, VICROADS TECHNICAL BULLETIN No. 37, VICROADS CODE OF PRACTICE 500.22 AND AUSTRROADS 2004 IN REGARD TO THE MINIMUM PAVEMENT LAYER, TOTAL PAVEMENT THICKNESS AND PAVEMENT MATERIALS.
- COMPACTION STANDARDS APPLIED TO THE ABOVE PAVEMENT CONSTRUCTION SHOULD BE AS FOLLOWS:
 - BASE LAYER: 100% MODIFIED (AS 1289.5.2.1)
 - SUB BASE LAYERS: 98% MODIFIED (AS 1289.5.2.1)
 - CAPPING LAYER: 98% STANDARD (AS 1289.5.1.1)
 - CONSTRUCTION LAYER 98% STANDARD (AS1289.5.1.1)
- CONDUITS FOR GAS, WATER, ELECTRICITY AND TELECOM SERVICES TO BE LOCATED CLEAR OF PAVEMENT AND THE SUBSURFACE DRAIN.

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		TYPE 2
WEARING COURSE	SIZE 14mm TYPE N CLASS 320 ASPHALT	30
INTERMEDIATE COURSE	SIZE 10mm TYPE N CLASS 320 ASPHALT	30
INTERLAYER	SIZE 10mm (S18R) STRAIN ALLEVIATING MEMBRANE	10
BONDING LAYER	PRIME OR 7mm PRIMERSEAL	✓
BASE COURSE	SIZE 20mm CLASS 2 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY OF 100% (CHARACTERISTIC MODIFIED) MAX. DRY DENSITY AS 1289.5.2.1	130
UPPER SUBBASE	SIZE 20mm CLASS 3 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY OF 98% (CHARACTERISTIC MODIFIED) MAX. DRY DENSITY AS 1289.5.2.1	210
UPPER PAVEMENT TOTAL		410
CAPPING LAYER	SELECT FILL OR STABILISED CLAY MEETING THE FOLLOWING MATERIAL PROPERTIES, CBR >=10%, SWELL <=1.5%, PERMEABILITY K<=5X10 ⁻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 ±2.0% OF STANDARD OPTIMUM MOISTURE CONTENT.	150
CONSTRUCTION LAYER	SELECT FILL OR STABILISED CLAY MEETING THE FOLLOWING MATERIAL PROPERTIES, CBR >=10%, SWELL <=1.5%, PERMEABILITY K<=5X10 ⁻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 ±2.0% OF STANDARD OPTIMUM MOISTURE CONTENT.	150
SUBGRADE	MATERIAL AS FOUND (SILTY CLAY) COMPACTED TO A MINIMUM DENSITY OF 98% (STANDARD) AS 1289.5.1.1	
LOWER PAVEMENT TOTAL		300
TOTAL PAVEMENT DEPTH		710

NOTE: COMPACTION REQUIRED ONLY WHERE SELECT FILL IS USED FOR SUBGRADE IMPROVEMENT

ROAD NAME	TYPE
WOLLEMIA STREET	ACCESS ROAD - LEVEL 2 (FLEXIBLE ASPHALT PAVEMENT)
SORREL STREET	ACCESS ROAD - LEVEL 2 (FLEXIBLE ASPHALT PAVEMENT)
CAMELLIA STREET	CONNECTOR ROAD - LEVEL 1 (FLEXIBLE ASPHALT PAVEMENT)

NOTES:

- FOR EXPANSIVE SUBGRADE, SAW CUT EXISTING ASPHALT. REFER TO SPECIFICATION SECTION 407.17 FOR JOINT DETAIL. APPLY PRIME AND SAMI TO EXISTING PAVEMENT.
- FOR NON EXPANSIVE SUBGRADE, SAW CUT EXISTING ASPHALT. REFER TO SPECIFICATION SECTION 407.17 FOR JOINT DETAIL. PLACE 600mm MIN WIDE STRESS ABSORBING MEMBRANE. GEOTEXTILE TO BE LOCATED CENTRALLY OVER PAVEMENT JOINT.
- SUBSURFACE DRAINS TO BE PROVIDED BEFORE THE CONSTRUCTION OF THE PAVEMENT.
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- THE JOINT BETWEEN NEW AND OLD WEARING COURSE MUST BE CONSTRUCTED AT A LOCATION OUTSIDE THE WHEEL PATH ZONE.

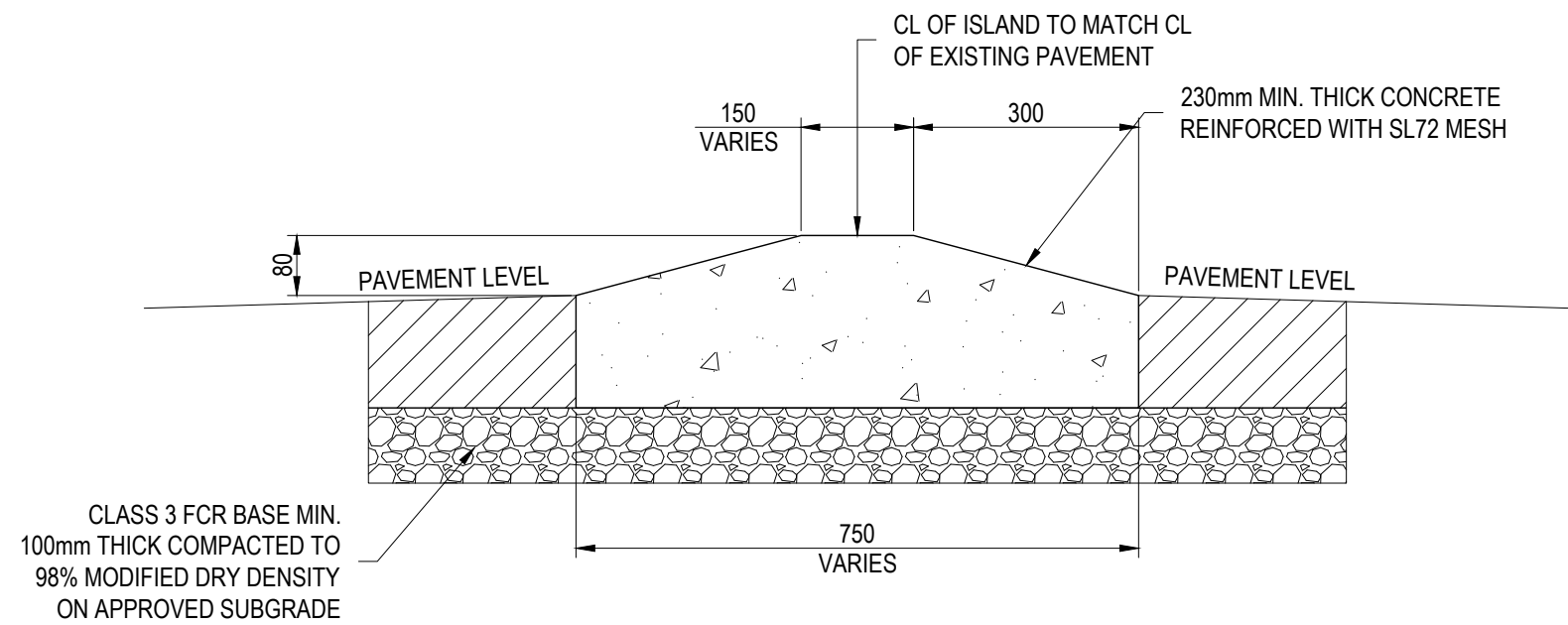
ROBINSONS
RISE



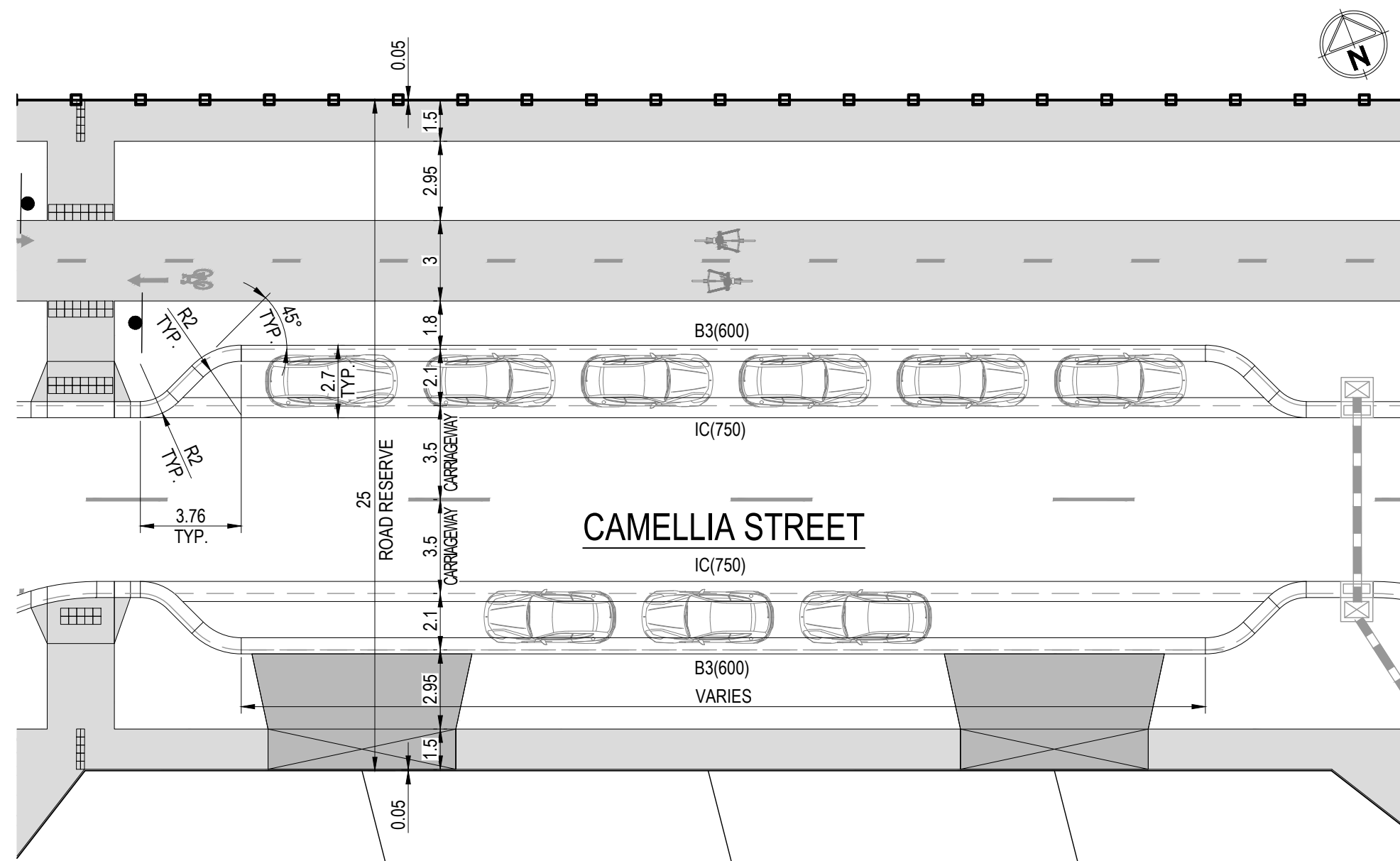
PM A. CHUDLEIGH DESIGNED 27.10.2022 B. KEYES CHECKED 27.10.2022 T. BARBOUR AUTHORISED 27.10.2022 T. BARBOUR MELWAYS 943 HB POS No. PSB13467R STATUS:	80-106 ALFRED RD COBBLEBANK ROBINSONS RISE - STAGE 2 CITY OF MELTON STANDARD DETAILS - 2	APPROVAL 128702RD37	SHEET No. 37 OF 47 REV. D
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REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

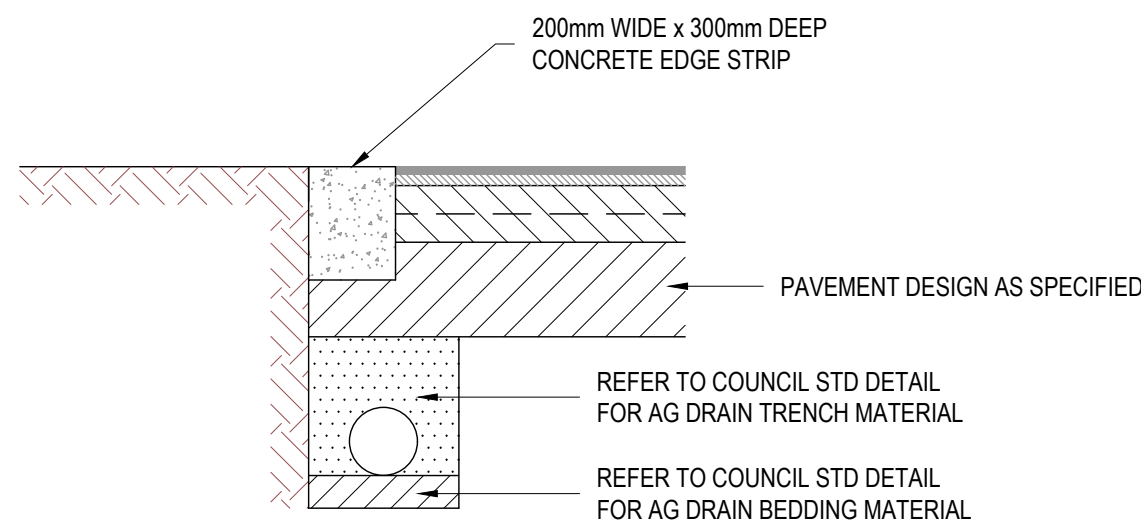
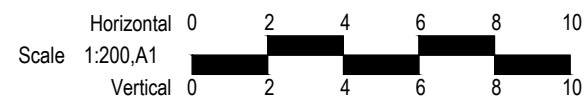
© 2023 Colliers International Engineering & Design (VIC) Pty Ltd
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**TYPICAL ISLAND
CROSS SECTION - S13**
USED WHEN MINOR ROAD IS <8.6m AND / OR THE MAJOR ROAD IS 9.6m. OTHERWISE USE S11
(SCALE 1:10)

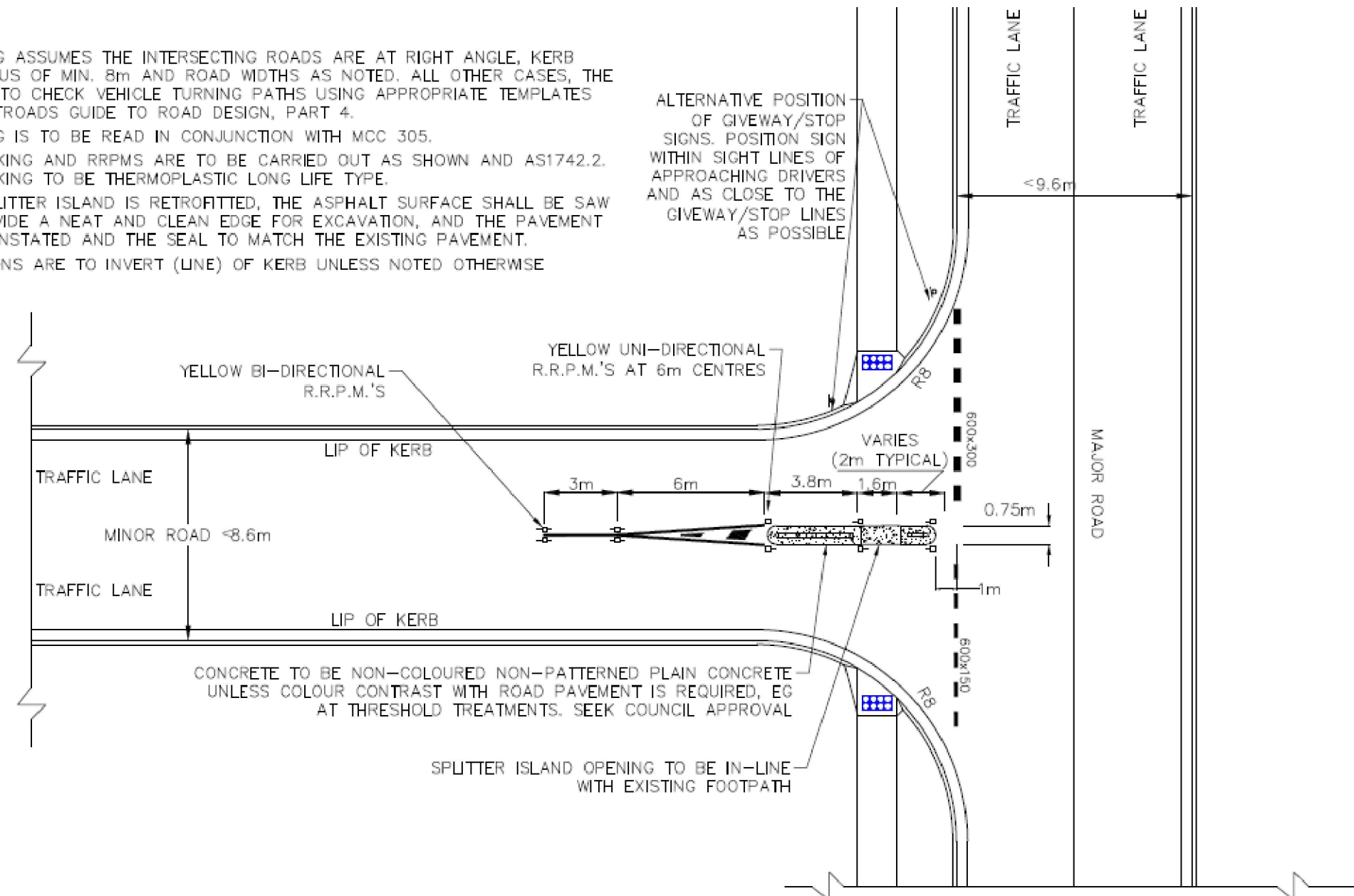


TYPICAL PARKING BAY LAYOUTS FOR CAMELLIA STREET
(SCALE:1:200)

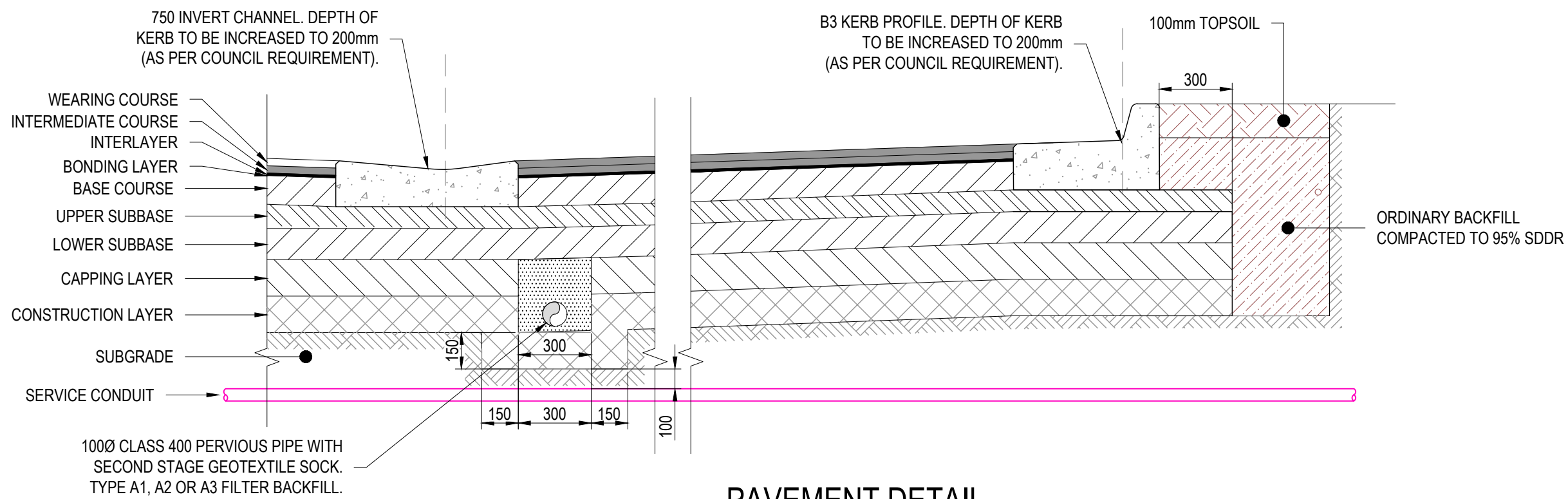


**LIMIT OF WORKS, CONCRETE EDGE STRIP
& PAVEMENT DETAIL**
NOT TO SCALE

- NOTES:**
1. THIS DRAWING ASSUMES THE INTERSECTING ROADS ARE AT RIGHT ANGLE, KERB RETURN RADIUS OF MIN. 8m AND ROAD WIDTHS AS NOTED. ALL OTHER CASES, THE DESIGNER IS TO CHECK VEHICLE TURNING PATHS USING APPROPRIATE TEMPLATES AS PER AUSTRROADS GUIDE TO ROAD DESIGN, PART 4.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH MCC 305.
 3. ALL LINEMARKING AND R.R.P.M.'S ARE TO BE CARRIED OUT AS SHOWN AND AS1742.2. ALL LINEMARKING TO BE THERMOPLASTIC LONG LIFE TYPE.
 4. WHERE A SPLITTER ISLAND IS RETROFITTED, THE ASPHALT SURFACE SHALL BE SAW CUT TO PROVIDE A NEAT AND CLEAN EDGE FOR EXCAVATION, AND THE PAVEMENT IS TO BE REINSTITATED AND THE SEAL TO MATCH THE EXISTING PAVEMENT.
 5. ALL DIMENSIONS ARE TO INVERT (UNE) OF KERB UNLESS NOTED OTHERWISE.



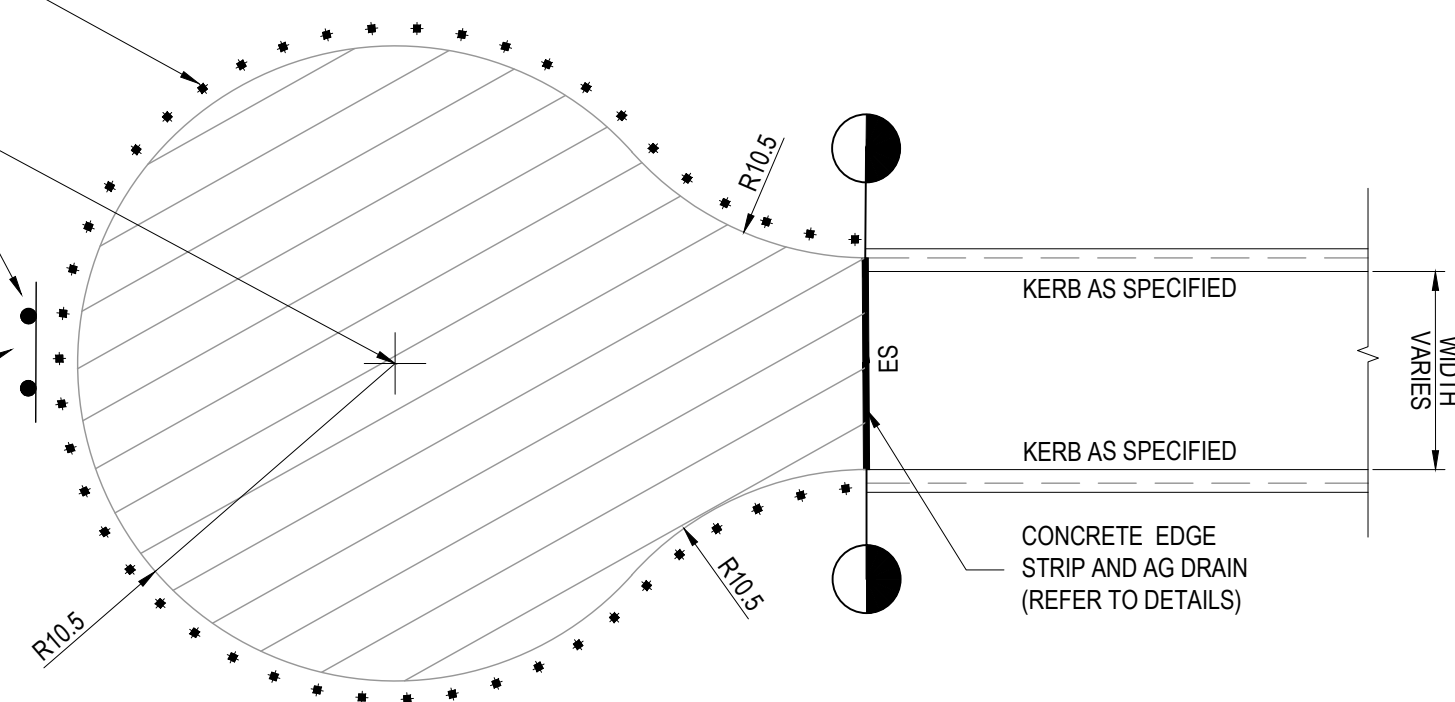
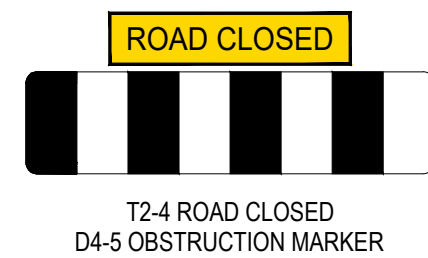
S13 TYPE SPLITTER ISLAND TYPICAL LAYOUT
(REFER TO STANDARD DRAWING - MCC 307)
(N.T.S.)



PAVEMENT DETAIL
(CAMELLIA STREET WHERE PARKING BAYS ARE)
(REFER TO EDM 202)
SCALE 1:20

PROVIDE 0.2m ROUNDED TOP TREATED PINE BOLLARDS AT 1.5m MAX SPACINGS. BOLLARDS TO BE 1.5m LONG AND SET IN 0.60m x 0.45m FOOTING AND BACKFILLED WITH CEMENT STABILISED SOIL.

CONSTRUCT TEMPORARY TURNAROUND 200mm THICK CLASS 3 FOR 10.5m MINIMUM RADIUS & SUPPLY AND INSTALL ROAD CLOSED & HAZARD SIGN.



TEMPORARY TURNAROUND DETAIL
(TO END OF ROADS WHERE SHOWN)
SCALE:1:250



REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
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B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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**ROBINSONS
RISE**



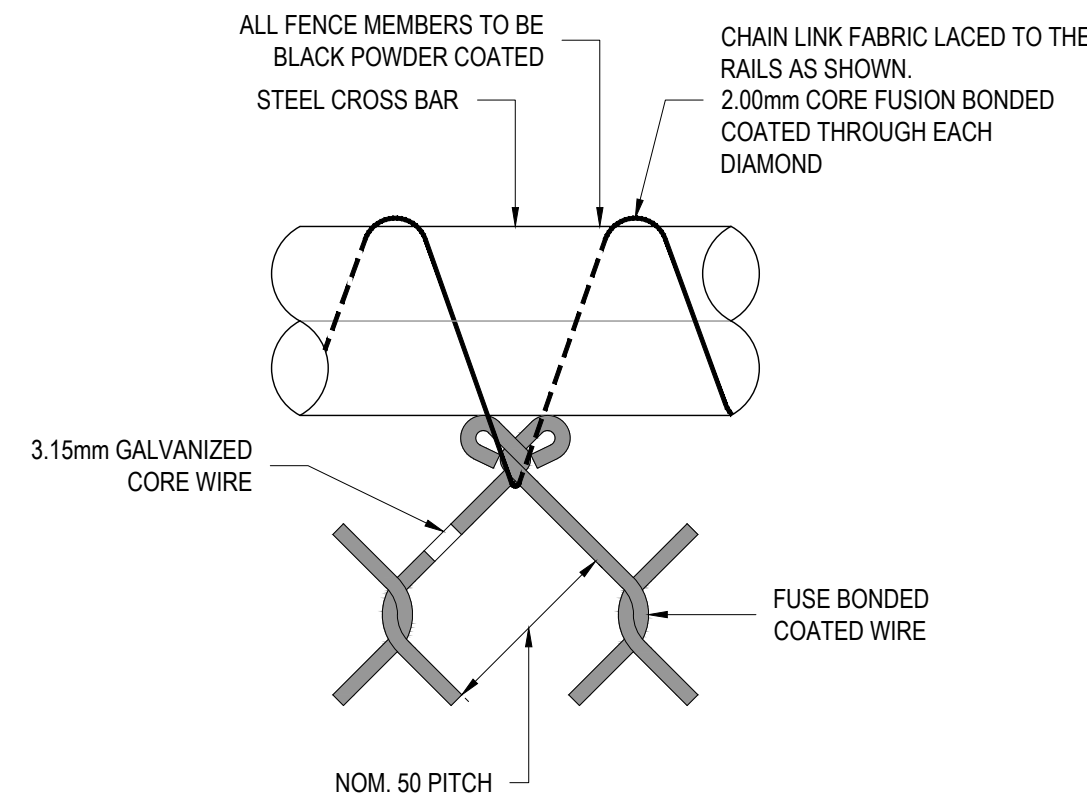
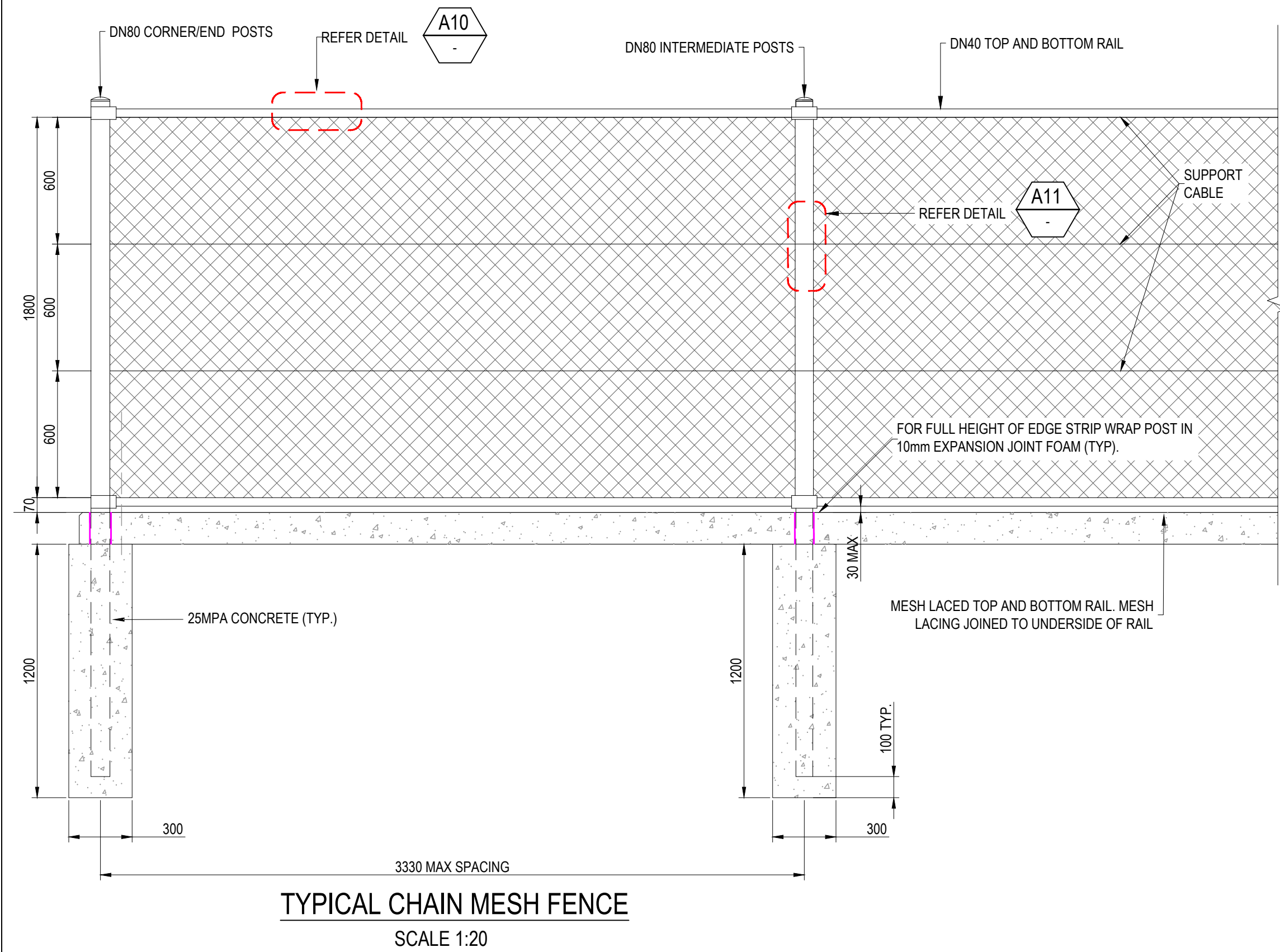
Scale AS SHOWN

PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MELWAYS	943 HB
POS No.	PS813467R
STATUS:	APPROVAL

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
STANDARD DETAILS - 3

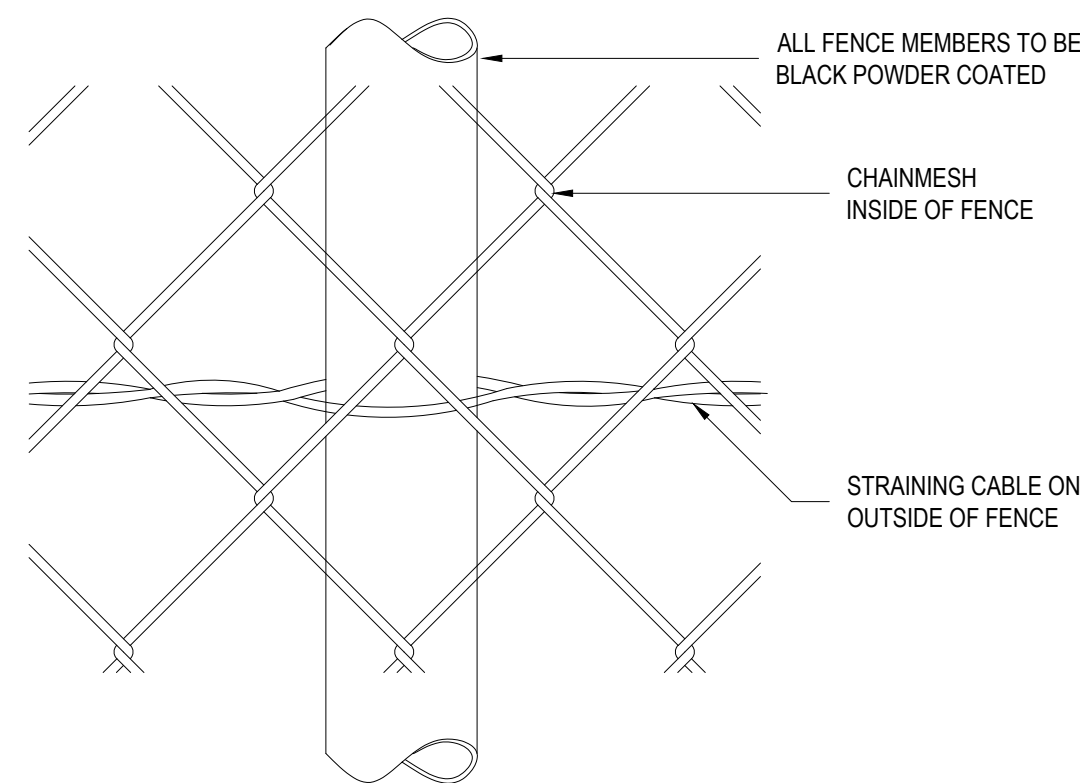
128702RD38

SHEET No.	38 OF 47
REV.	D



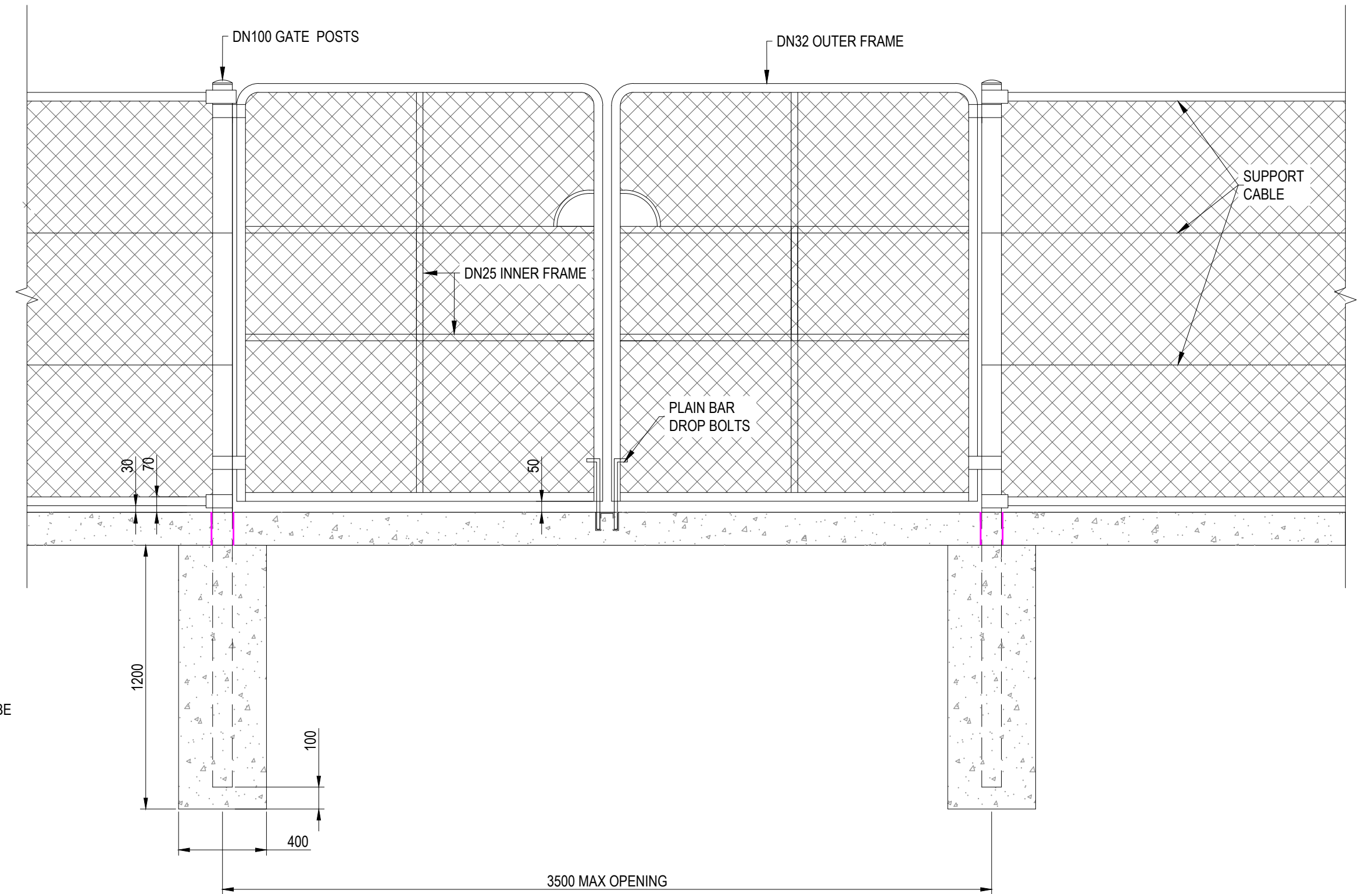
TYPICAL MESH LACING

DETAIL
NOT TO SCALE



TYPICAL STRAINING CABLE
POST CONNECTION

DETAIL
NOT TO SCALE



TYPICAL CHAIN MESH GATE
SCALE 1:20



NOTES:

- ALL PIPES TO BE POWDER COATED BLACK
- HEAVY DUTY FABRIC - 50mm PITCH x 3.15mm GALVANIZED CORE WIRE (W02z) WITH FUSION BONDED COATING.
- CHAIN LINK FABRIC SHALL BE STRAINED TAUT AND LACED WITH 2.0mm CORE FUSION BONDED COATED LACING WORE THROUGH EACH DIAMOND AT THE SELVEDGE EDGE TO ALL PIPE RAILS AND ALL END & GATE POSTS TIED TO INTERMEDIATE POSTS AS PER AS1725.1 - 2010.
- ALL FOOTINGS ARE TO BE FOUNDED IN VERY STIFF TO HARD SILTY CLAY. CONTRACTOR TO CHECK ONSITE AND CONFIRM.

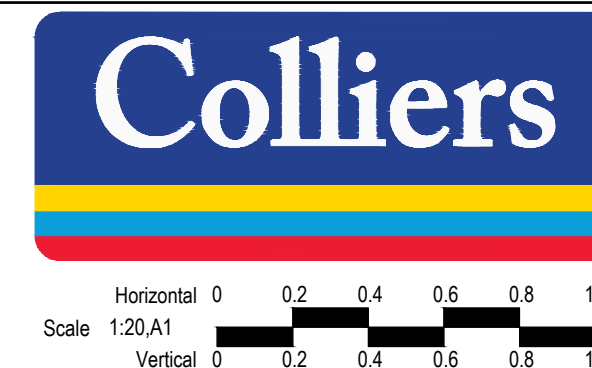
TABLE B3 FENCE MEMBER DETAILS AND CONCRETE FOOTINGS (BASEPLATES)—CLASS 1 (MEDIUM QUALITY)										
Nominal height of chain link fabric mm	Type of post/rail stay	Nominal size (DN) mm	Quality	Outside diameter (OD)	Minimum wall thickness (t)	Minimum size of concrete footings		Baseplate option for bolting posts to concrete pavement (If required by client, refer to AS1725.1-2010 Appendix F) mm	Minimum size masonry anchors	
						Diameter mm	Depth mm	Depth mm	Diamter hole mm	Depth mm
1800	T-Junction Posts	DN80	Medium	88.9	5.0	300	1200	200 x 200 x 8 4-hole (Type F)	16	110
	Corner Posts	DN80	Medium	88.9	5.0	300	1200	200 x 200 x 8 4-hole (Type F)		110
	End Posts	DN80	Medium	88.9	5.0	300	1200	200 x 200 x 8 4-hole (Type F)		110
	Intermediate Posts	DN80	Medium	88.9	5.0	300	1200	200 x 200 x 8 4-hole (Type E)	12	75
	Bracing Rail* or Bracing Slay*	DN40	Medium	48.3	3.2	250	1200	150 x 150 x 8 4-hole (Type E)	12	75
	Pipe Rail	DN40 or DN32	Medium	48.3 42.4	3.2					
	Optional Backstays	DN40 or DN32	Medium	48.3 42.4	3.2	250	600	75 x 150 x 8 2-hole (Type D)	12	60

TABLE B2 GATE POST DETAILS AND CONCRETE FOOTINGS (BASEPLATES)—CLASS 1 (MEDIUM QUALITY)									
Width range of gate leaf (mm)	Nominal size (DN) mm	Quality	Outside diameter (OD)	Minimum wall thickness (t)	Minimum size of concrete footings		Baseplate option for bolting posts to concrete pavement (If required by client, refer to AS1725.1-2010 Appendix F) mm	Minimum size masonry anchors	
					Diameter mm	Depth mm	Depth mm	Diamter hole mm	Depth mm
Up to 1200	DN50	Medium	60.3	3.6	250	750	150 x 150 x 8 4-hole (Type E)	12	75
1300-2400	DN80	Medium	88.9	4.0	300	1000	200 x 200 x 8 4-hole (Type E)		110
2500-3600	DN100	Medium	114.3	4.5	400	1200		20	125
Backstays when specified	DN32 or 40	Medium	42.4 48.3	3.2	250	600	75 x 150 x 8 2-hole (Type D)	12	60
Gate arch when specified	DN40	Medium	48.3	3.2	250	600	75 x 150 x 8 2-hole (Type D)	12	60
					In - ground concrete footing sizes are designed for firm soil conditions		Baseplates only when agreed between purchaser and supplier. To be installed with backstays and or wall brackets where applicable for additional support.		

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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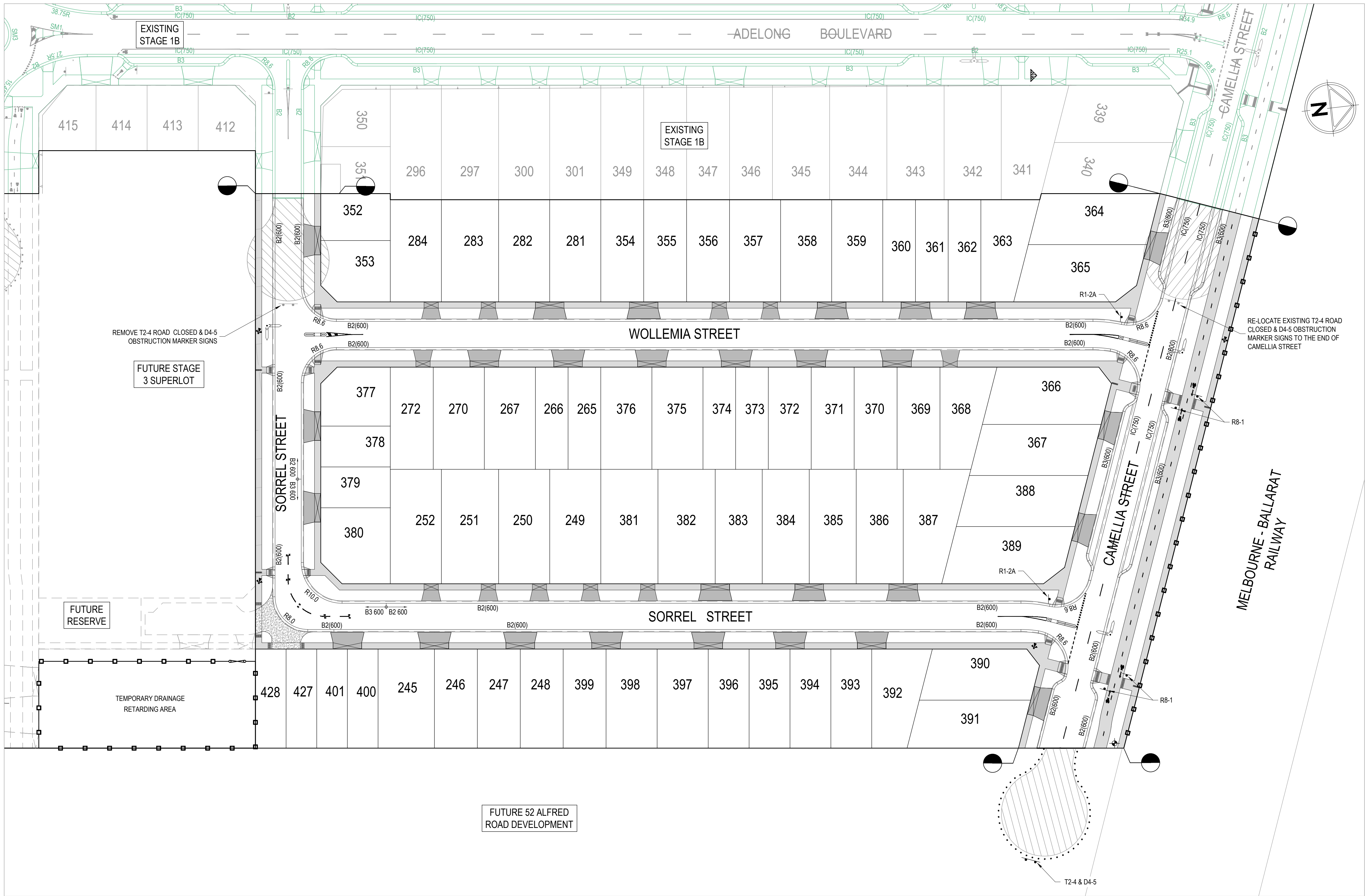
ROBINSONS
RISE



PM	A. CHUDLEIGH
DESIGNED	27.10.2022
B. KEYES	
CHECKED	27.10.2022
T. BARBOUR	
AUTHORISED	27.10.2022
T. BARBOUR	
MELBOURNE	343 H6
POS No.	PS813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
STANDARD DETAILS - 4

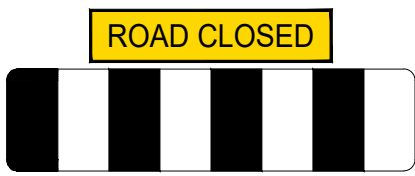
APPROVAL	128702RD39	SHEET No.	39 OF 47
REV.	D		



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
RRPM
PAVEMENT MARKINGS
STREET SIGNS AS PER COUNCIL STANDARDS
SIGN & POST (SINGLE/DOUBLE POST)
TGS - HAZARD
TGS - DIRECTIONAL
TEMPORARY CRUSHED ROCK TURNAROUND



T2-4 ROAD CLOSED
D4-5 OBSTRUCTION MARKER



R1-2A

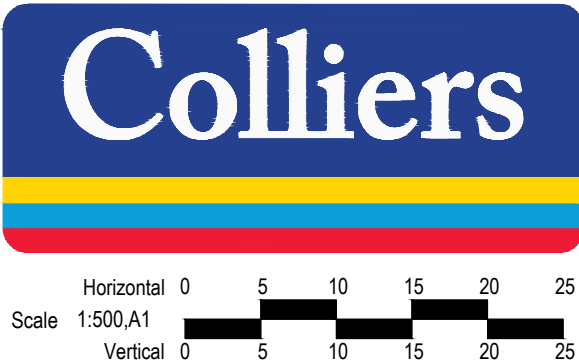


R8-1

CITY OF MELTON
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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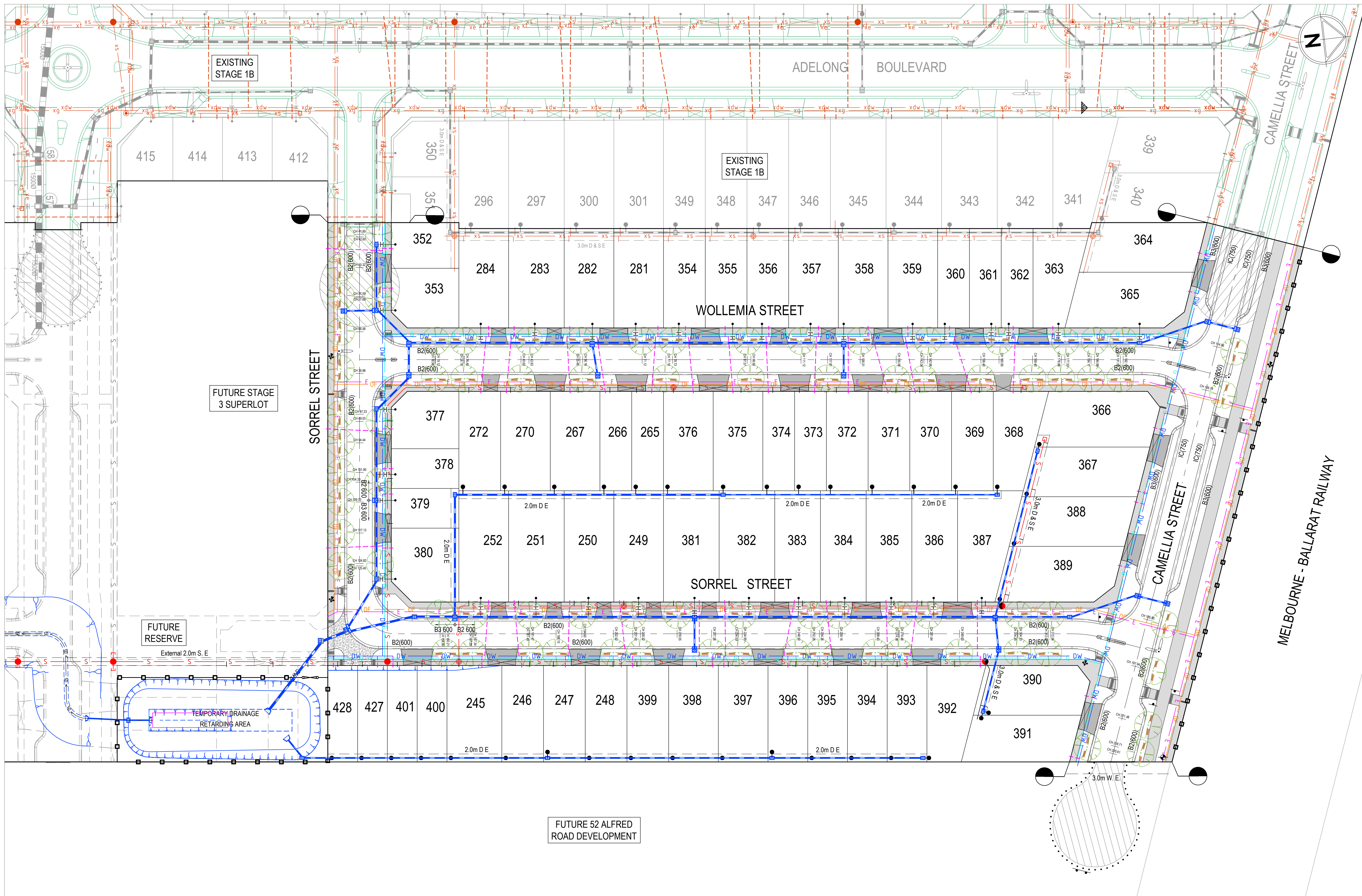
PM	A. CHUDLEIGH
DESIGNED	27.10.2022
B. KEYES	27.10.2022
CHECKED	27.10.2022
T. BARBOUR	27.10.2022
AUTHORISED	27.10.2022
T. BARBOUR	27.10.2022
MELWAYS	343 H6
POS No.	PS813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
SIGNAGE & LINEMARKING

APPROVAL

128702RD40

SHEET No.	40 OF 47
REV.	D

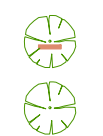


MELTON
APPROVED
DETAILED ENGINEERING PLANS
Hiren Vagh
ENGINEERING SERVICES
Date: 17/07/2023

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

LEGEND

CH 181.47



PASSIVE IRRIGATION CHAINAGE
STREET TREE WITH PASSIVE IRRIGATION P1
STREET TREE WITHOUT PASSIVE IRRIGATION P1

PASSIVE IRRIGATION PITS

NUMBER OF LOTS	
STREET TREE WITH PASSIVE IRRIGATION	75
STREET TREE WITHOUT PASSIVE IRRIGATION	4

ROBINSONS
RISE



Horizontal 0 5 10 15 20 25
Scale 1:500 A1
Vertical 0 5 10 15 20 25

PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	B. KEYES
AUTHORISED	T. BARBOUR
MELBOURNE	27.10.2022
POS No.	343 H6
STATUS	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
STREET TREE IRRIGATION
SITE PLAN

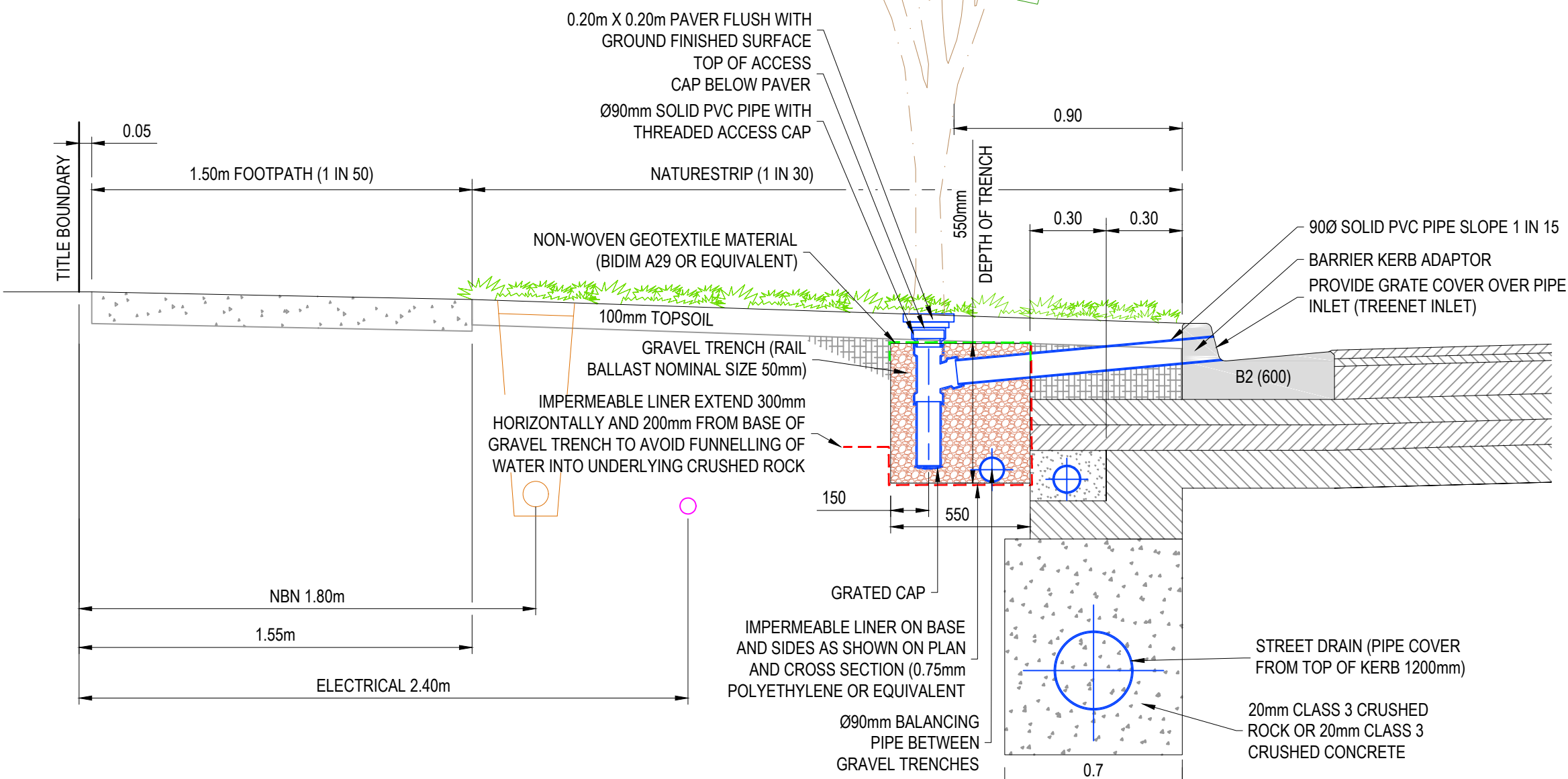
APPROVAL

128702RD41

REV. D

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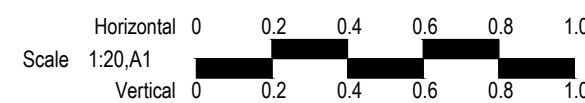
NOTES:
1.TOP OF GRAVEL TRENCH TO BE LINED WITH NON-WOVEN GEOTEXTILE MATERIAL AS SHOWN TO PREVENT FINE MIGRATION INTO THE TRENCH
PASSIVE IRRIGATION PIPES AND FITTINGS TO BE 90 MM DIAMETER PVC SEWER CLASS
2.ALL PVC JOINTS TO BE SEALED WITH SOLVENT CEMENT
3.ALL GRASSED AREAS TO BE TOP DRESSED WITH 100 MM TOPSOIL AND SEEDED AS SPECIFIED
4.SERVICE DEPTHS AND LOCATIONS ARE INDICATIVE ONLY
5.WHERE THE VERGE IS LESS THAN 4.2m (TYPICAL) A SPECIFIC DETAIL SHALL BE SHOWN ON THE ENGINEERING DRAWINGS THAT RETAINS THE PRINCIPALS AND STORAGE VOLUME OUTLINED IN THIS DETAIL



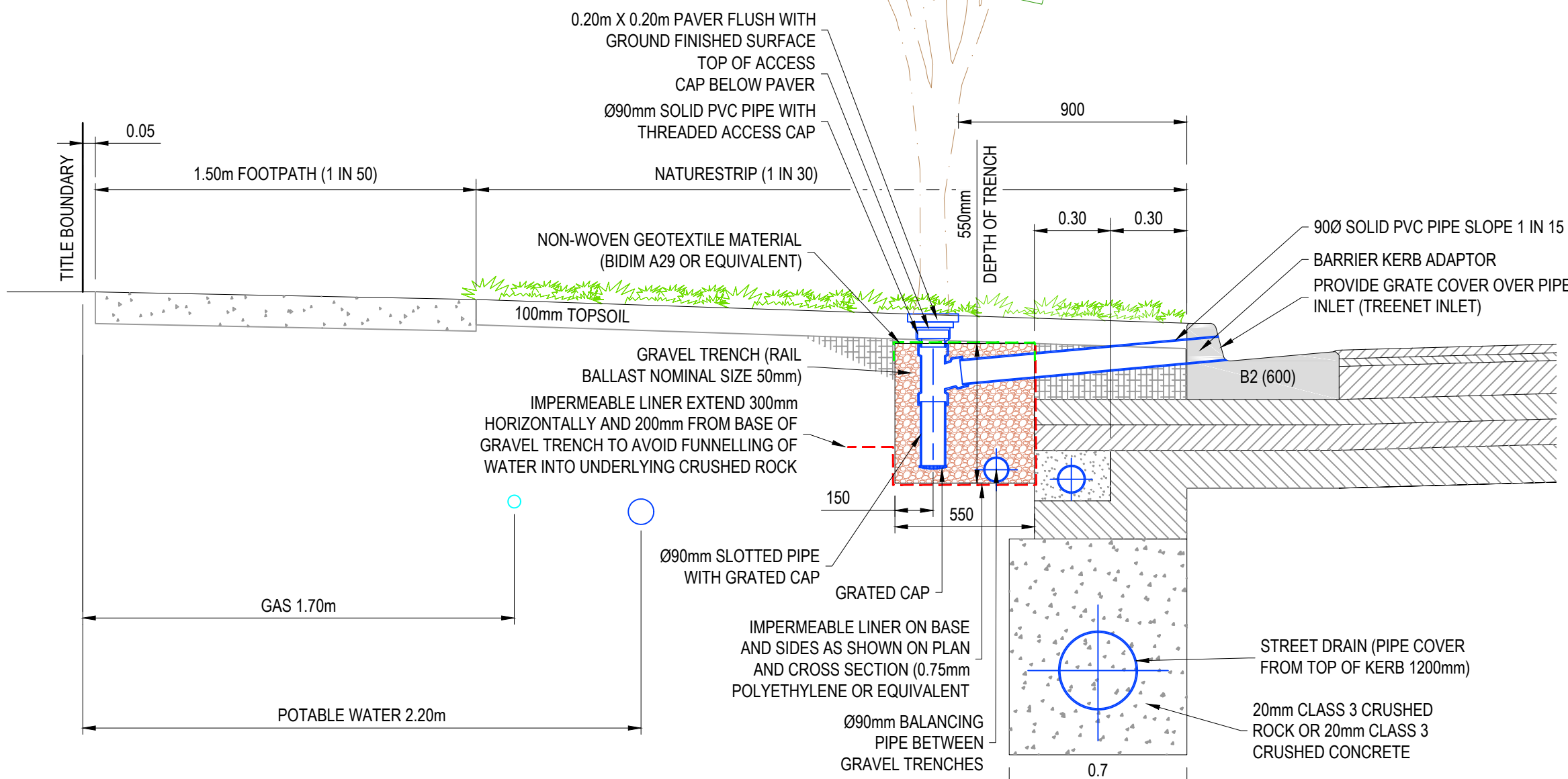
PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION)

SECTION

SCALE 1 : 20



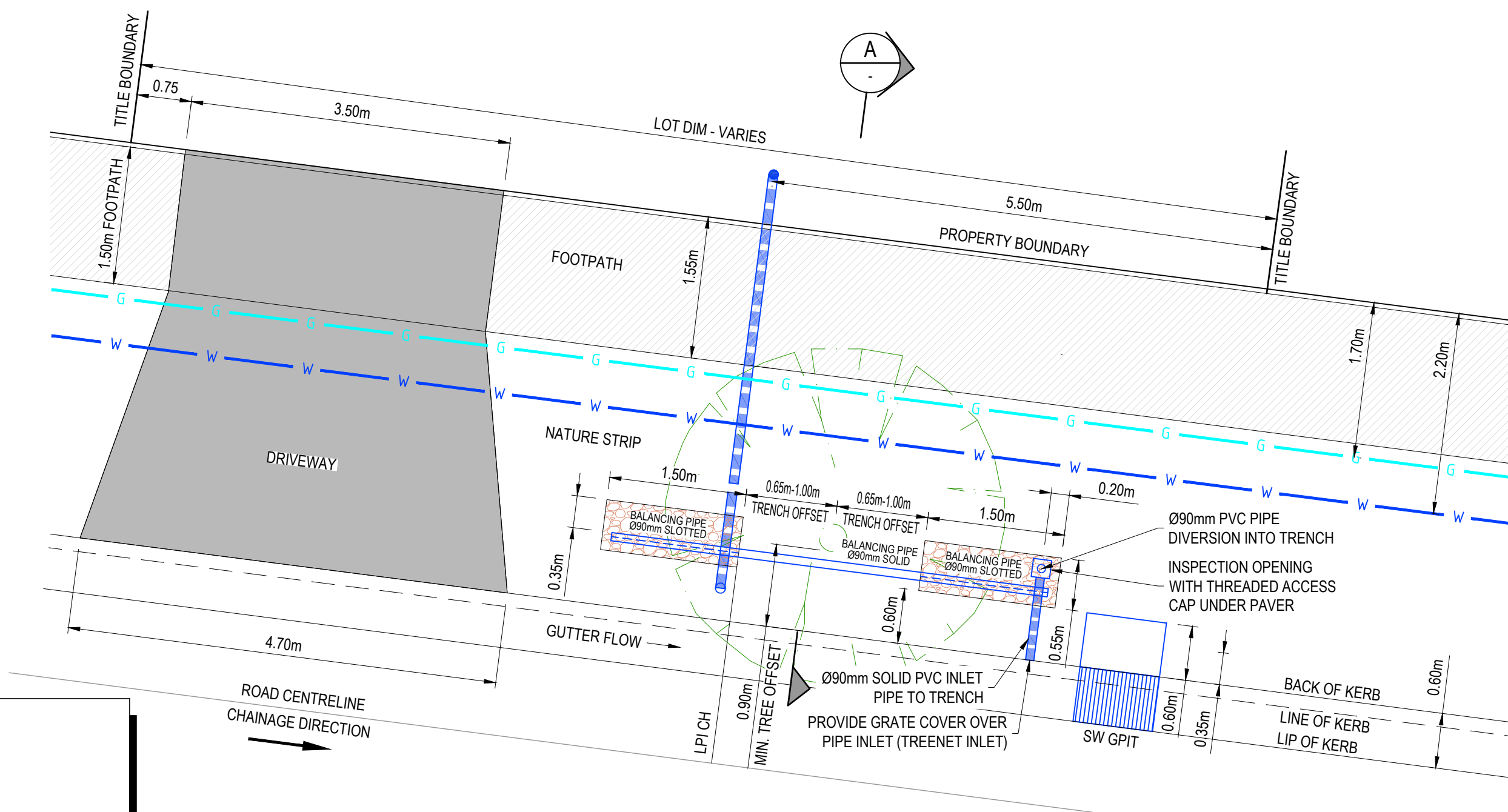
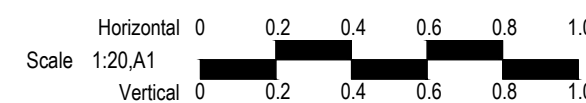
NOTES:
1.TOP OF GRAVEL TRENCH TO BE LINED WITH NON-WOVEN GEOTEXTILE MATERIAL AS SHOWN TO PREVENT FINE MIGRATION INTO THE TRENCH
PASSIVE IRRIGATION PIPES AND FITTINGS TO BE 90 MM DIAMETER PVC SEWER CLASS
2.ALL PVC JOINTS TO BE SEALED WITH SOLVENT CEMENT
3.ALL GRASSED AREAS TO BE TOP DRESSED WITH 100 MM TOPSOIL AND SEEDED AS SPECIFIED
4.SERVICE DEPTHS AND LOCATIONS ARE INDICATIVE ONLY
5.WHERE THE VERGE IS LESS THAN 4.2m (TYPICAL) A SPECIFIC DETAIL SHALL BE SHOWN ON THE ENGINEERING DRAWINGS THAT RETAINS THE PRINCIPALS AND STORAGE VOLUME OUTLINED IN THIS DETAIL



PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION)

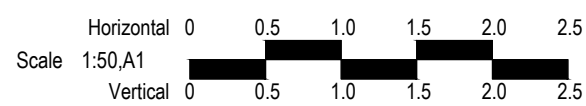
SECTION

SCALE 1 : 20



PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION)

PLAN



GENERAL NOTES:
1.AT HIGHLY CONSTRAINED SITES, GRAVEL TRENCHES CAN BE MODIFIED IN THE FOLLOWING WAYS:
- REDUCED OFFSET OF 0.75 M FROM TREE CENTRELINE
- DIMENSION 1.0 M LONG x 0.6 M WIDE x 0.75 M DEEP



TREENET INLET

NOTES:

- GRAVEL TRENCH TO BE LINED WITH NON-WOVEN GEOTEXTILE MATERIAL AS SHOWN TO PREVENT FINE MIGRATION INTO TRENCH
- ONCE THE GRAVEL TRENCH HAS BEEN FILLED WITH RAIL BALLAST, GEOTEXTILE TO BE FOLDED OVER SO THAT THE ROCK BALLAST IS COVERED
- ALL GRASSED AREAS TO BE TOP DRESSED WITH 100mm TOPSOIL AND SEEDED IN ACCORDANCE WITH COUNCIL SPECIFICATION.

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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ROBINSONS
RISE



Scale

AS SHOWN

PM	A. CHUDLEIGH
DESIGNED	27.10.2022
CHECKED	27.10.2022
AUTHORISED	27.10.2022
MEETINGS	27.10.2022
POS No.	943 H6
STATUS	PS813467R

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
STREET TREE IRRIGATION
TYPICAL DETAILS

APPROVAL

128702RD42

REV. D

PLAN OF SUBDIVISION

EDITION 1

PS813467R

Location of Land

Parish: KOROROIT

Township: -

Section: B

Crown Allotment: -

Crown Portion: 3 (PART)

Title References: VOL 12065 FOL 659

Last Plan Reference: LOT X ON PS823785U

Postal Address: 80-106 ALFRED ROAD

(At time of subdivision) COBBLEBANK VIC 3338

MGA2020 Co-ordinates: E 289 400 Zone 55

(of approx. centre of plan) N 5 823 000

COUNCIL NAME : MELTON CITY COUNCIL

VESTING OF ROADS AND/OR RESERVES

IDENTIFIER COUNCIL/BODY/PERSON

ROAD R1 MELTON CITY COUNCIL

NOTATIONS

LOTS 1-244, 253-264, 268, 269, 271, 273-280, 285-351, AND 402-426 (ALL INCLUSIVE) HAVE BEEN OMITTED FROM THIS PLAN.

CREATION OF RESTRICTION

OTHER PURPOSE OF THIS PLAN IS TO CREATE THE RESTRICTIONS ON SHEET 6

OTHER PURPOSE OF THIS PLAN

A PURPOSE OF THIS PLAN IS TO REMOVE THE EASEMENTS IMPLIED UNDER SECTION 12(2) OF THE SUBDIVISION ACT 1988

GROUND FOR REMOVAL

AS PER MELTON CITY COUNCIL PLANNING PERMIT No.2013/3925/5

NOTATIONS

DEPTH LIMITATION 15.24m BELOW THE SURFACE

Staging

This is not a staged subdivision.

Planning Permit No. PA2013/3925/5

Survey: This plan is based on survey.

This survey has been connected to Permanent Marks no(s). KOROROIT PM34 in Proclaimed Survey Area No. -

ROBINSONS RISE ESTATE STAGE 2 - 69 LOTS AREA: 3.088ha

EASEMENT INFORMATION

LEGEND: A - Appurtenant Easement E - Encumbering Easement R - Encumbering Easement (Road)

Reference Easement	Purpose	Width (Metres)	Origin	Land Benefited/In Favour Of
E-1	DRAINAGE	3	PS823785U	MELTON CITY COUNCIL
	SEWERAGE			WESTERN REGION WATER CORPORATION
E-2	DRAINAGE	3	THIS PLAN	MELTON CITY COUNCIL
	SEWERAGE			GREATER WESTERN WATER CORPORATION
E-3	SEWERAGE	2	THIS PLAN	GREATER WESTERN WATER CORPORATION
E-4	DRAINAGE	2	THIS PLAN	MELTON CITY COUNCIL
E-5	SEWERAGE	2.50	THIS PLAN	GREATER WESTERN WATER CORPORATION

hmf

Hellier McFarland

Development Consultants Town Planners Land Surveyors

Level 2, 1911 Malvern Road, Malvern East, VIC 3145

PO Box 1206, Darling, VIC 3145

Tel: 03 9532 9951 Fax: 03 9532 9941

www.hmf.com.au | info@hmf.com.au

REF 12505N/4

VERSION D

CAD REF: 12505N-4D.dwg

LICENSED SURVEYOR:

Andrew James Powell

ORIGINAL SHEET

SIZE: A3

SHEET 1 OF 6

PS813467R

FOR FURTHER DETAILS OF LOTS

245-252, 265-267, 270, 272, 281-284,

352-401, 427, & 428 REFER TO SHEETS

3, 4 AND 5

21°00' 25"

6°41' 29.04"

111°00' 133.72"

6°41' 29.04"

158.91'

96°41' 1.50"

6°41' (33)

135.75

276°41'

212.48

186°40'50"

21°00' 25"

111°00' 133.72"

6°41' 29.04"

158.91'

96°41' 1.50"

6°41' (33)

135.75

276°41'

212.48

186°40'50"

WOLLEMA STREET

CAMELLIA STREET

SORREL STREET

364

365

363

362

361

360

359

358

357

356

355

354

281

282

283

284

352

353

366

367

388

389

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369

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376

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266

267

250

270

251

272

252

377

378

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380

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391

392

393

394

395

396

397

398

399

248

247

246

245

400

401

427

428

SCALE 1:1000

10 0 10 20 30 40

LENGTHS ARE IN METRES

hmf

Hellier McFarland

Development Consultants Town Planners Land Surveyors

Level 2, 1911 Malvern Road, Malvern East, VIC 3145

PO Box 1206, Darling, VIC 3145

Tel: 03 9532 9951 Fax: 03 9532 9941

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REF 12505N/4

VERSION D

CAD REF: 12505N-4D.dwg

LICENSED SURVEYOR:

Andrew James Powell

ORIGINAL SHEET

SIZE: A3

SHEET 2

MELTON

APPROVED

DETAILED ENGINEERING PLANS

Hiren Vagh

ENGINEERING SERVICES

Date: 17/07/2023

D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021
REV.	AMENDMENTS	APP'D	DATE

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ROBINSONS

RISE

Scale

NOT TO SCALE

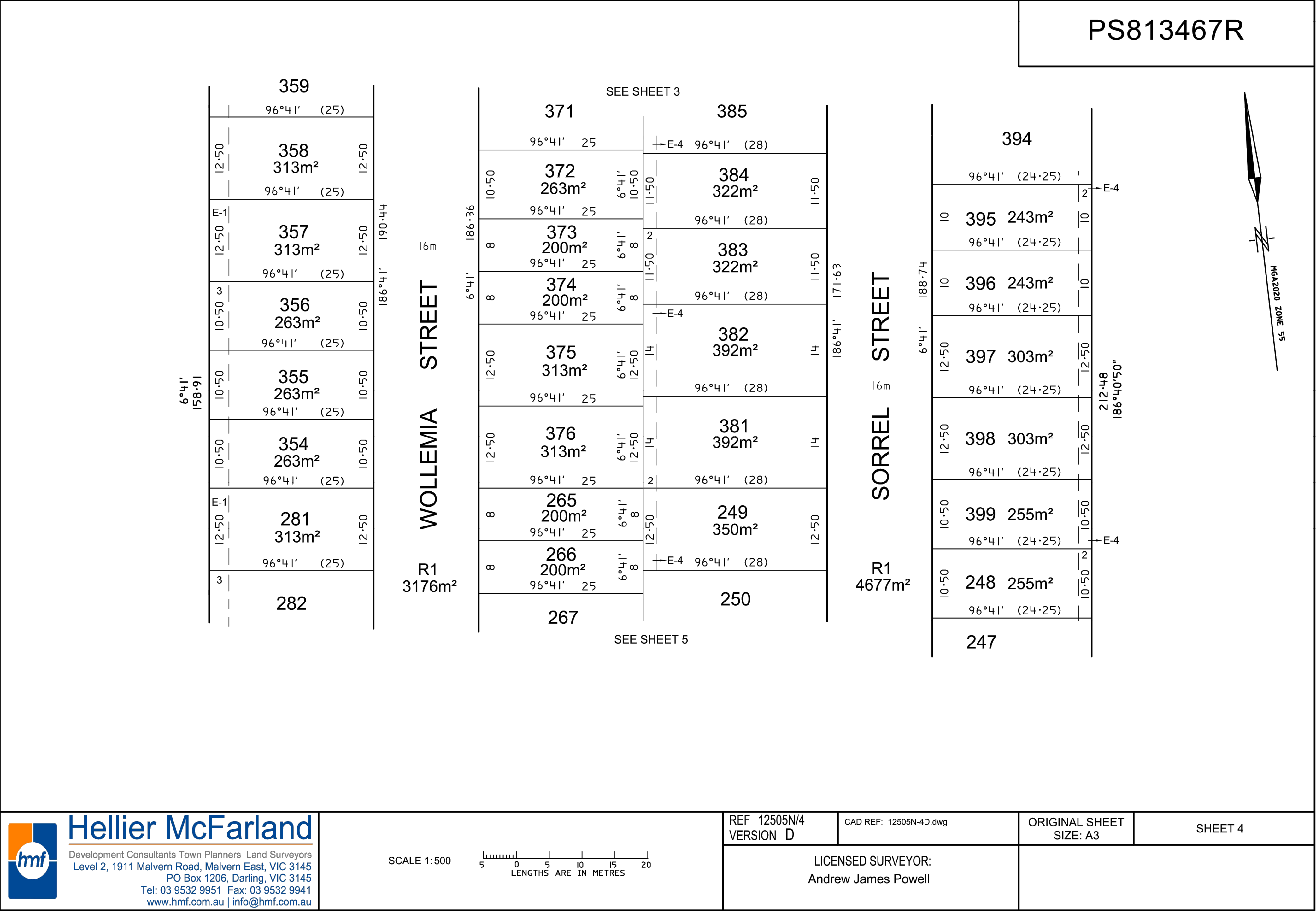
PM	A. CHUDLEIGH
DESIGNED	27.10.2022
B. KEYES	
CHECKED	27.10.2022
T. BARBOUR	
AUTHORISED	27.10.2022
T. BARBOUR	
MELWAYS	343 H6
POS No.	PS813467R
STATUS:	

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
PLAN OF SUBDIVISION - 1

APPROVAL

128702RD43

SHEET No.	43 OF 47
REV.	D



PS813467R

CREATION OF RESTRICTION N°1

The registered proprietors of the burdened land covenant with the registered proprietors of the benefited land as set out in the restriction with the intent that the burden of the restriction runs with and binds the burdened land and the benefit of the restriction is annexed to and runs with the benefited land.

LAND TO BE BURDENED:
LOTS 245-252, 265-267, 270, 272, 281-284, 352-401, 427 & 428 (ALL INCLUSIVE) IN THIS PLAN.

LAND TO BE BENEFITED:
ALL THE LOTS IN THIS PLAN THAT HAVE COMMON TITLE BOUNDARY WITH THE BURDENED LOT.

DESCRIPTION OF RESTRICTION

1. NO BUILDINGS OR DWELLINGS MAY BE CONSTRUCTED ON A LOT UNLESS THAT BUILDING OR DWELLING COMPLIES WITH THE "HOUSING & DESIGN GUIDELINES" APPROVED UNDER CITY OF MELTON PERMIT No. PA2013/3925/5.

CREATION OF RESTRICTION N°2

The registered proprietors of the burdened land covenant with the registered proprietors of the benefited land as set out in the restriction with the intent that the burden of the restriction runs with and binds the burdened land and the benefit of the restriction is annexed to and runs with the benefited land.

LAND TO BE BURDENED:
LOTS 246-248, 265-266, 272, 352-356, 360-363, 368-374, 377-379, 392-396, 399, 400, 401, 427 & 428 IN THIS PLAN.

LAND TO BE BENEFITED:
ALL THE LOTS IN THIS PLAN THAT HAVE COMMON TITLE BOUNDARY WITH THE BURDENED LOT.

1. NO BUILDINGS OR DWELLINGS MAY BE CONSTRUCTED ON LOTS OF LESS THAN 300m² UNLESS THEY COMPLY WITH THE "SMALL LOT HOUSING CODE", (SLHC), CONDITIONS AS SPECIFIED FOR LOT TYPE "A", WHICH IS INCORPORATED IN THE MELTON PLANNING SCHEME AND ENDORSED UNDER CITY OF MELTON PERMIT No. PA2013/3925/5. ONCE A CERTIFICATE OF OCCUPANCY ISSUES FOR THESE BUILDINGS/DWELLINGS THE "SMALL LOT HOUSING CODE" WILL CEASE TO APPLY.





Hellier McFarland
Development Consultants Town Planners Land Surveyors
Level 2, 1911 Malvern Road, Malvern East, VIC 3145
PO Box 1206, Darling, VIC 3145
Tel: 03 9532 9951 Fax: 03 9532 9941
www.hmf.com.au | info@hmf.com.au

REF 12505N/4 VERSION D	CAD REF: 12505N-4D.dwg	ORIGINAL SHEET SIZE: A3	SHEET 6
LICENSED SURVEYOR: Andrew James Powell			

REV.	AMENDMENTS	APP'D	DATE
D	LAYOUT, ROADS, LOTS, DRAINAGE UPDATED	T. BARBOUR	04.10.2022
C	COUNCIL AMENDMENTS	K. ROGERS	29.04.2021
B	COUNCIL AMENDMENTS	K. ROGERS	07.04.2021
A	ISSUED TO COUNCIL	K. ROGERS	19.03.2021

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Scale

NOT TO SCALE

PM
A. CHUDLEIGH

DESIGNED
27.10.2022
B. KEYES

CHECKED
27.10.2022
T. BARBOUR

AUTHORISED
27.10.2022
T. BARBOUR

MELWAYS
343 H6

POS No.: PS813467R

STATUS:

80-106 ALFRED RD COBBLEBANK
ROBINSONS RISE - STAGE 2
CITY OF MELTON
PLAN OF SUBDIVISION - 5

APPROVAL

128702RD47

SHEET No. 47 OF 47

REV. D