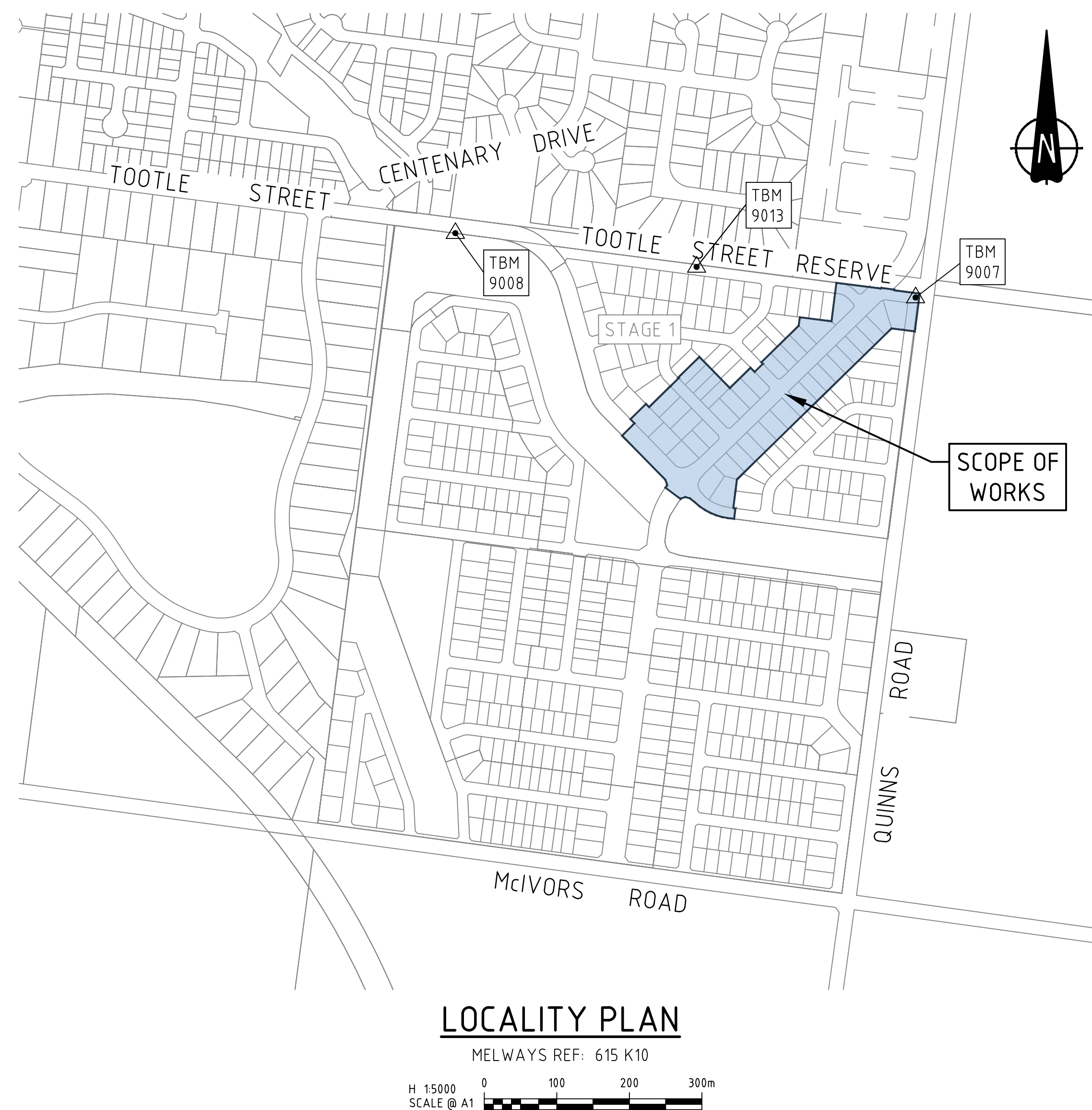


BROADCAST

STAGE 02

SUBDIVISIONAL WORKS

JINDING DEVELOPMENTS



Sheet List Table	
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3265-02-010	GENERAL NOTES AND DETAILS (SHEET 1 OF 2)
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3265-02-100	LAYOUT PLAN (SHEET 1 OF 2)
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3265-02-020	TYPICAL CROSS SECTIONS (SHEET 1 OF 2)
3265-02-021	TYPICAL CROSS SECTIONS (SHEET 2 OF 2)
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3265-02-201	ROAD LONGITUDINAL SECTION (SHEET 2 OF 5)
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3265-02-203	ROAD LONGITUDINAL SECTION (SHEET 4 OF 5)
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3265-02-250	ROAD CROSS SECTIONS (SHEET 1 OF 5)
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3265-02-305	INTERSECTION DETAILS (SHEET 6 OF 7)
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3265-02-350	SIGNAGE & LINEMARKING PLAN (SHEET 1 OF 2)
3265-02-351	SIGNAGE & LINEMARKING PLAN (SHEET 2 OF 2)
3265-02-400	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 5)
3265-02-401	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 5)
3265-02-402	DRAINAGE LONGITUDINAL SECTIONS (SHEET 3 OF 5)
3265-02-403	DRAINAGE LONGITUDINAL SECTIONS (SHEET 4 OF 5)
3265-02-404	DRAINAGE LONGITUDINAL SECTIONS (SHEET 5 OF 5)
3265-02-420	DRAINAGE PIT SCHEDULE



TBM SCHEDULE				
TBM	Easting	Northing	Level	Description
9007	320285.268	586844.6310	391.773	PIPE
9008	319650.866	5868534.906	375.944	SPIKE
9013	319983.546	5868488.451	383.389	SPIKE

C	02.08.24	WS	<i>R</i>	<i>Small</i>	RESERVE NO.2 FOOTPATH DETAILS ADDED
B	01.07.24	NT	KCL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT

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Street Address
Level 20, 390 St Kilda Road W cossillwebley.com.au
Melbourne VIC 3004 T (03) 8548 1560
E Melbourne.Reception@cosweb.com.au

	CLIENT
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APPROVED: DE 00055 / 9

APPROVED: FE 0003349

[Signature]

DESIGNED

DESIGNED
C. MCDONALD

SCALE
1:5000

PROJECT	BROADSTEAD - STAGE 02
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TITLE	COVER SHEET
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MUNICIPALITY MITCHELL SHIRE COUNCIL

PP No.	DI P/30/22
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DRAWING No.	3265 02 001
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ORIGINAL
SIZE
A1

GENERAL

GENERAL

- ALL LEVELS SHOWN ARE TO AUSTRALIAN DATUM (AHD) AND ALL CO-ORDINATES ARE TO MAP GRID AUSTRALIA (MGA) ZONE 55.
2. THE PLAN OF SUBDIVISION PREPARED BY MNG WILL BE PEGGED BY THE SURVEYOR. FOR SPECIFIC LOT DIMENSIONS REFER TO PLAN OF SUBDIVISION NO: P5902812E LATEST VERSION.
3. ALL ROAD AND DRAINAGE WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992, THE ROAD & DRAINAGE SPECIFICATION, IDM STANDARD DRAWINGS AND TO THE SATISFACTION OF COUNCIL.
4. THE CONTRACTOR IS TO CHECK BENCH MARKS PRIOR TO THE COMMENCEMENT OF WORKS AND IMMEDIATELY REPORT ANY DISCREPANCIES. TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF TBM'S THEREAFTER.
5. FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED TO WITHIN 100mm OF REQUIRED LEVEL AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. FILLING UNDER LEVEL 1 SUPERVISION TO BE CLEAN CLAY COMPACTED TO A DRY DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1289.5.1.1-1993. TESTING TO COMPLY WITH AS1289.9-2000.
6. EXISTING DAMS ARE TO BE BREACHED, DRAINED, DE-SLUDGED 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. FILL IS TO BE PLACED AND COMPACTED AS SPECIFIED AND TO LEVEL 1 SUPERVISION. THE FILL SHALL BE APPROVED SELECTED ON SITE MATERIAL OR APPROVED IMPORTED MATERIAL. THE FILL SHALL BE PLACED UNDER CONTROLLED MOISTURE CONDITIONS OF BETWEEN 85% AND 125% OF OPTIMUM AND APPROPRIATE TO THE TYPE OF COMPACTION EQUIPMENT USED. THE FILL SHALL BE UNIFORMLY COMPACTED IN LAYERS NOT EXCEEDING 300mm DEPTH TO A MINIMUM OF 95% STANDARD DRY DENSITY.
7. BEFORE COMMENCING WORK ON TRENCHES IN EXCESS OF 1.5m DEEP, NOTICE OF SUCH PROPOSAL IS TO BE SENT TO THE CHIEF MINING INSPECTOR OCCUPATIONAL HEALTH & SAFETY AUTHORITY IN ACCORDANCE WITH THE WORK SAFE REGULATION 1988 - "SAFETY PRECAUTIONS IN TRENCHING OPERATIONS" CODE OF PRACTICE No.8 1988. A FOREMAN QUALIFIED AS A MINES MANAGER MUST BE IN ATTENDANCE AT ALL TIMES DURING SUCH EXCAVATIONS.
8. THE CONTRACTOR SHALL COMPLY WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 AND ASSOCIATED CODE OF PRACTICE.
9. PRIOR TO WORKS BEING PLACED ON MAINTENANCE ALL AREAS OF THE SUBDIVISION EXPOSED BY DE-VEGETATION INCLUDING NATURE STRIPS, LOTS AND RESERVES ARE TO BE HYDRO-SEEDED UNLESS OTHERWISE SPECIFIED.
10. ALL CONCRETE TO BE 32MPa FOR FITS & 25MPa IN OTHER APPLICATIONS UNLESS OTHERWISE SPECIFIED. ALL CONCRETE OVER 125mm THICK TO BE VIBRATED USING MECHANICAL VIBRATORS.
11. FOR CONCRETE ROAD PAVEMENTS, CONCRETE JOINTING DETAILS ARE TO BE PROVIDED IN ACCORDANCE WITH "CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS" (1997-CCAA).
12. ALL CHAINAGES REFER TO ROAD RESERVE CENTRELINES EXCEPT, IN COURT HEADS AND KERB RETURNS CHAINAGES REFER TO LIP OF KERB.
13. THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO ALLOTMENTS MUST BE MADE GOOD TO A STANDARD ACCEPTABLE BY THE SUPERINTENDENT.
14. ANY BUILDINGS, TROUGHS, FENCES, DEBRIS AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER OR UNLESS OTHERWISE SPECIFIED. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
15. NO TOPSOIL IS TO BE REMOVED FROM SITE WITHOUT THE CONSENT OF THE SUPERINTENDENT.
16. FOR PAVEMENT RECOMMENDATIONS & SOIL CONDITIONS REFER TO GEOTECHNICAL REPORT.
17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN SITE GRADING AND DRAINAGE AND TO PROTECT AND MAINTAIN SUBGRADES IN A SUITABLE CONDITION IN ORDER TO ACHIEVE THE COMPACTIONS SPECIFIED. SHOULD SUBGRADES BECOME SATURATED ANY UNSUITABLE MATERIAL IS TO BE REMOVED AND MADE GOOD WITH TYPE B GENERAL FILL AT THE CONTRACTORS COST.
18. IN NEW LANDSCAPE AREAS ALL REDUNDANT PAVEMENT MATERIAL SHALL BE REMOVED & REINSTATED WITH CLEAN FILL TO FINISHED SURFACE LEVEL. UNLESS NOTED OTHERWISE ON THE LANDSCAPE PLANS REINSTATEMENT OF A MINIMUM 150mm OF CLEAN TOPSOIL SHALL BE PROVIDED TO ALL NATURE STRIP AND RESERVE.
19. ALL EXISTING TREES IN THE VICINITY OF THE TRAFFICABLE AREAS THAT ARE TO BE RETAINED SHALL BE PRUNED, ROOTS CUT AND SEALED WHERE THEY EXTEND BENEATH NEW WORKS, BY APPROPRIATELY QUALIFIED PERSONNEL. TREES TO BE REMOVED SHALL HAVE ALL ROOTS GRUBBED OUT AND BE MADE GOOD WITH COMPACTED FILL.
20. PRIOR TO COMPLETION, THE CONTRACTOR SHALL ENSURE THE SITE OF WORKS IS TIED & OBTAIN A CLEARANCE FROM THE SUPERINTENDENT.
21. CONDITION OF EXISTING PAVEMENT SURROUNDING THE DEVELOPMENT TO BE RECORDED. ANY DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES TO BE REPAIRED TO COUNCIL'S SATISFACTION.
22. COUNCIL TO BE NOTIFIED (5) CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS. A PRE-COMMENCEMENT SESSION MUST BE CONVENED WITH COUNCIL, SUPERINTENDENT AND THE CONTRACTOR.
23. HOLD POINTS SHALL COMPLY WITH MITCHELL SHIRE REQUIREMENTS INCLUDING PROVISIONS OF CCTV OF ALL ROAD DRAINAGE, PRIOR TO ANY BITUMINOUS SEAL OR CONCRETE PAVEMENTS.
24. ANY REAR OR SIDE EASEMENT DRAINAGE MUST ADOPT THE IDM SD520 STANDARD.

ROADWORKS

25. FILL BATTEES SHALL GENERALLY BE 1 IN 6 AND CUT BATTEES 1 IN 6 MAXIMUM CUT BATTEES ARE TO BE STABILISED TO THE SATISFACTION OF THE ENGINEER.
26. FOOTPATH EXPANSION JOINTS SHALL BE PLACED ON EITHER SIDE OF DRIVEWAY CROSSINGS. EACH JOINT IS TO BE DOWELED WITH 3x10mm DIAMETER DOWELS WHICH ARE TO HAVE A GREASED SLEEVE OVER ONE END TO PERMIT SLIP. JOINTS ARE TO BE FILLED WITH AN APPROVED COMPOSITE MATERIAL OR PLASTIC FILLER.
27. ALL LINE MARKING IS TO BE APPLIED USING LONG LIFE THERMOPLASTIC PAINT, IN ACCORDANCE WITH AUSTRALIAN STANDARD AS 1742-1 AND AS 1742-2 AND COUNCIL REQUIREMENTS UNLESS OTHERWISE SPECIFIED. RRPMS ARE TO BE INSTALLED IN ACCORDANCE WITH VICROADS AND/OR COUNCIL SPECIFICATIONS.
28. ALL TEMPORARY WARNING SIGNS DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS1742-3.
29. CONTRACTOR TO CONFIRM STREET NAME WITH COUNCIL/SUPERINTENDENT PRIOR TO MANUFACTURE OF STREET SIGNS.
30. ANY WORKS WITHIN ROADWAYS SHALL SATISFY COUNCIL'S REQUIREMENTS FOR OCCUPANCY OF ROAD RESERVES.
31. WHERE PAVEMENT (INCLUDING FOOTPATHS AND VEHICLE CROSSINGS) IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL; AND CONSTRUCTED IN ACCORDANCE WITH AS1289 0-2000.
32. WHEN PAVEMENT EXCAVATION IS IN ROCK ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUBGRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
33. WHEN WORKS ARE ON AN EXISTING ROAD THE CONTRACTOR SHALL OBTAIN ALL NECESSARY ROAD OPENING PERMITS AND AUTHORITY APPROVALS PRIOR TO COMMENCING WORKS.

DRAINAGE

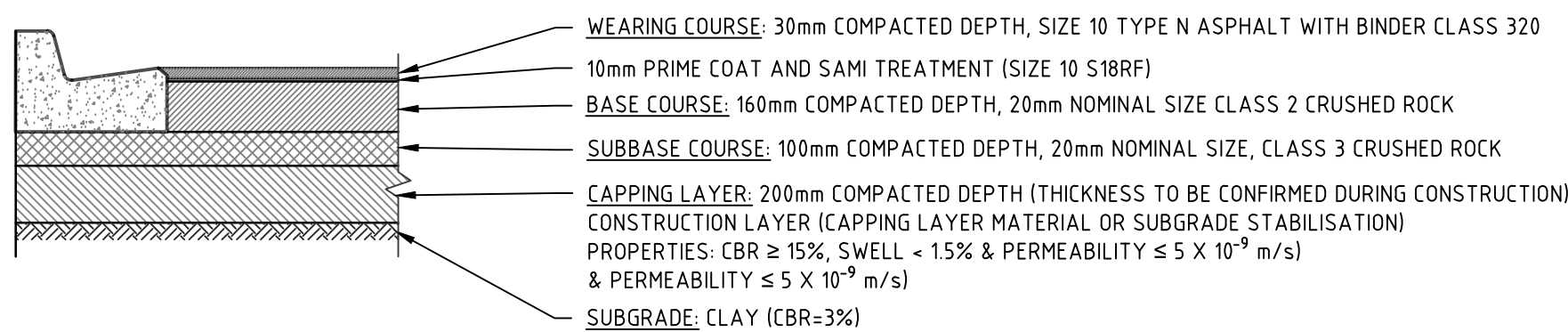
3. DRAINAGE PITS ARE TO BE SET OUT FROM OFFSETS AND CO-ORDINATES.
 35. PITS AT TANGENT POINTS OF KERB RADIALS ARE TO BE LOCATED IMMEDIATELY ADJACENT TO T.P.
 36. ALL DRAINS WITHIN ROAD RESERVE SHALL BE BACKFILLED WITH 20mm FCR CLASS 3. DRAINS UNDER ROAD PAVEMENT TO BE BACKFILLED WITH 20mm FCR CLASS 2 AS SHOWN ON THE DRAWINGS. COMPACTION SHALL BE IN ACCORDANCE WITH SPECIFICATION.
 37. ALL DRAINAGE PIPE CLASSES ARE TO BE AS PER THE DRAINAGE LONGITUDINAL SECTIONS.
 38. ALL PIPES ARE TO BE RUBBER RING JOINTED REINFORCED CONCRETE UNLESS OTHERWISE NOTED.
 39. 100mm DIAMETER CORRUGATED AGRICULTURAL PIPE DRAINS (AG's) ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, EDGE STRIP AND OTHER LOCATIONS WHERE SHOWN AND/OR DIRECTED BY THE ENGINEER.
 40. PROPERTY INLETS WITHIN DRAINAGE EASEMENT ARE TO BE PLACED 1.00m FROM LOW CORNERS OF ALLOTMENTS UNLESS OTHERWISE SPECIFIED.
 41. GRATED COLLECTION PITS ARE TO BE PROVIDED FOR PROPERTY CONNECTIONS TO EASEMENT DRAINS ON THE LOW SIDE OF LOTS IN ACCORDANCE WITH IDM SD520.
 42. 100mm DIA HOUSE DRAINS IN ROADS TO BE PLACED 5.5m FROM LOW CORNER OF ALLOTMENT UNLESS OTHERWISE SPECIFIED.
 43. PIPES LAID AT MINIMUM DEPTH ARE TO BE PROTECTED DURING CONSTRUCTION USING ADDITIONAL COVER OR A HIGHER CLASS PIPE IS TO BE INSTALLED.
- ## ENVIRONMENTAL CONTROL MEASURES
44. NO NATIVE VEGETATION SHALL BE DESTROYED, FELLED, LOPPED RING BARKED OR UPROOTED WITHOUT THE CONSENT OF THE RESPONSIBLE AUTHORITY.
 45. ALL TREES ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS UNLESS OTHERWISE SPECIFIED.
 46. PERMISSION IN WRITING IS REQUIRED FROM THE SUPERINTENDENT PRIOR TO THE REMOVAL OF ANY TREE EVEN IF MARKED FOR REMOVAL ON PLANS.
 47. PRIOR TO REMOVAL, TREES ARE TO BE MARKED BY CONTRACTOR AND APPROVED BY COUNCIL OR SUPERINTENDENT.
 48. CONTRACTOR TO PROVIDE ADEQUATE PROTECTION AGAINST SILT RUNOFF FROM THE SITE AS PART OF THE ENVIRONMENTAL MANAGEMENT PLAN (EMP).

SERVICES

- 4.9. ALL GAS AND WATER CONDUITS ARE TO BE INSPECTED BY THE SUPERVISING ENGINEER PRIOR TO BACKFILLING. CONDUITS TO EXTEND ON BOTH SIDES WHERE APPLICABLE TO 500mm BEYOND THE BUILDING LINE. ALL TRENCHES SHALL BE BACKFILLED WITH 20mm CLASS "2" FCR. GAS AND WATER CONDUITS ARE TO BE LOCATED 1.4m FROM THE TITLE BOUNDARY OPPOSITE THE CROSSOVER OR 5.0m FROM THE TITLE BOUNDARY ADJACENT TO THE CROSSOVER, UNLESS OTHERWISE NOTED.
50. ELECTRICAL AND TELECOMMUNICATIONS CONDUITS TO EXTEND 500mm BEYOND BOTH SIDES OF KERB.
51. CONDITIONS FOR TELECOMMUNICATIONS, GAS AND WATER SERVICES ARE TO BE POSITIONED TO AN APPROVED LOCATION UNLESS OTHERWISE NOTED AND ARE TO BE PLACED AT RIGHT ANGLES TO THE KERB AND SERVICE ALIGNMENT. TELECOMMUNICATIONS, GAS AND WATER CONDUITS ARE TO BE 50mm DIA PVC PIPES, CLASS 12. CONDUITS UNDER FOOTPATHS TO BE REFERENCED ON BACK OF PATH.
52. SERVICE TRENCHES NEAR FOOTPATH SHALL BE BACKFILLED WITH APPROVED GRANULAR MATERIAL.
53. ALL EXCAVATION FOR SERVICES MUST BE CONTAINED WITHIN EASEMENTS OR ROAD RESERVES. ANY EXCAVATION OUTSIDE THESE LIMITS MUST BE BACKFILLED WITH CLASS 3 OR CLASS 2 FCR AT 95% MODIFIED COMPACTION UNLESS NOTED OTHERWISE.
54. BACKFILL MATERIAL FOR CONDUITS UNDER ROADS SHALL BE CLASS 3 OR CLASS 2 FCR (20 MM NOMINAL SIZE) UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
55. ALL SERVICE TRENCHES UNDER ROADS, DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH COMPACTED CLASS 3 OR CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND K&CH AND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
56. EXISTING SERVICE LOCATIONS SHOWN HAVE BEEN OBTAINED FROM DIAL BEFORE YOU DIG RECORDS AND/OR SITE PLANS. EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT. PRIOR TO THE COMMENCEMENT OF WORKS, THE CONTRACTOR IS TO LOCATE ALL EXISTING SERVICES IN THE VICINITY OF PROPOSED WORK AND ADVISE ANY ON SITE INSPECTION WITH SERVICE AUTHORITIES AS NECESSARY. ANY DAMAGE CAUSED TO SERVICE AUTHORITIES ASSETS WHETHER SHOWN ON CONSTRUCTION PLANS OR NOT IS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
57. ALL EXISTING PITS AND SERVICE FITTINGS THAT ARE TO REMAIN WITHIN THE PAVEMENT AREAS SHALL BE REBUILT TO MATCH PROPOSED LEVELS AND WHERE APPLICABLE FITTED WITHIN AN APPROPRIATE HEAVY DUTY, AUTHORITY APPROVED COVER. ELSEWHERE EXISTING SERVICES SHALL BE ADJUSTED TO SUIT NEW ADJACENT LEVELS. THE RELEVANT AUTHORITY IS TO BE NOTIFIED PRIOR TO ANY WORKS ON THEIR ASSETS AND SERVICES ARE TO BE ADJUSTED TO THE RELEVANT AUTHORITY REQUIREMENTS.

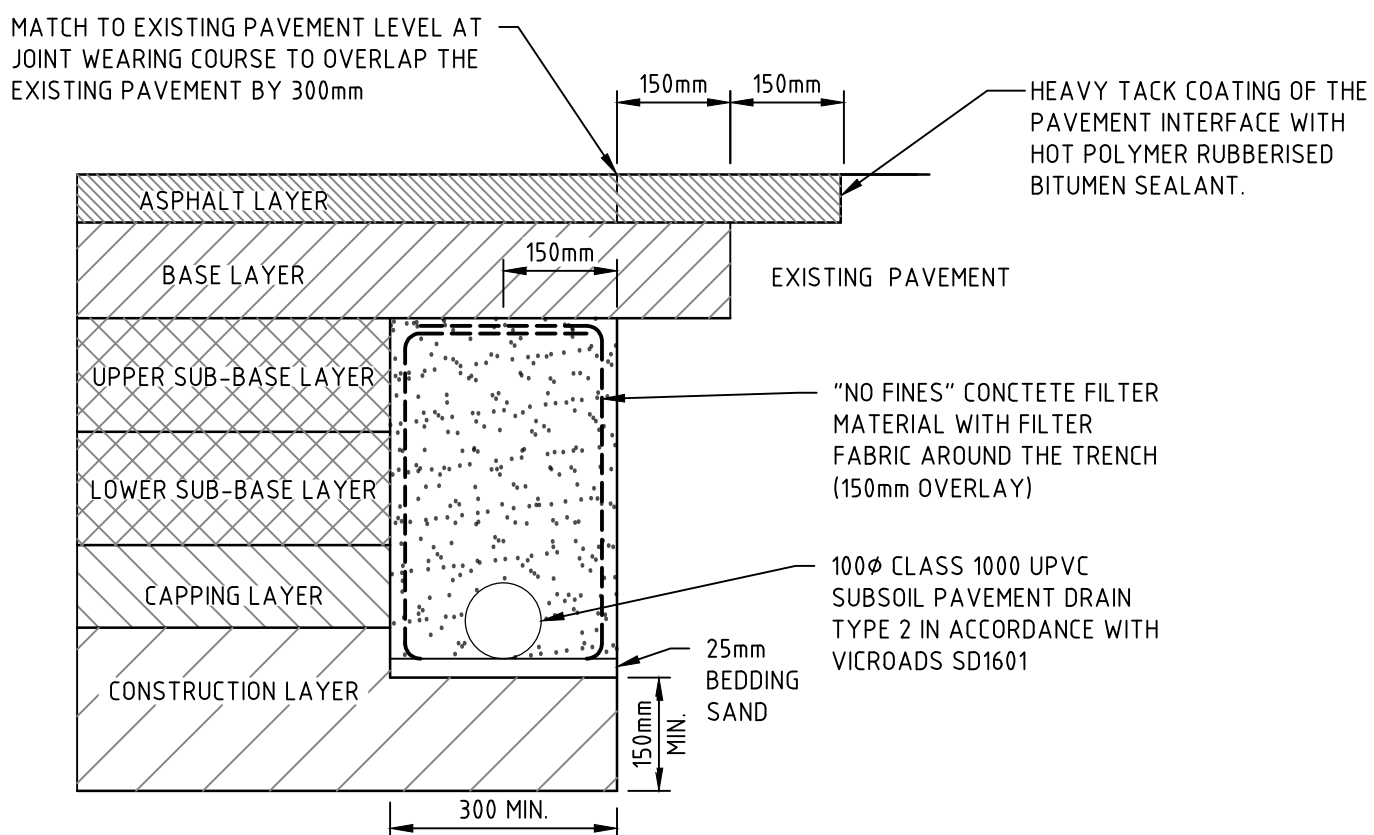
CONSTRUCTION MANAGEMENT

58. CONTRACTOR SHALL BE REQUIRED PRIOR TO COMMENCING WORKS TO SUBMIT THE FOLLOWING DOCUMENTS:
- PROJECT CONSTRUCTION PLAN
 - ENVIRONMENTAL MANAGEMENT PLAN
 - OH&S RISK ASSESSMENT
 - SITE MANAGEMENT PLAN
 - PROGRAM OF WORKS
 - COMPACTION TEST PLAN FOR ALL PAVEMENTS, FILLED AREAS AND DRAINAGE WORKS
 - AND ALL OTHER RELEVANT INSPECTION AND TEST PLANS

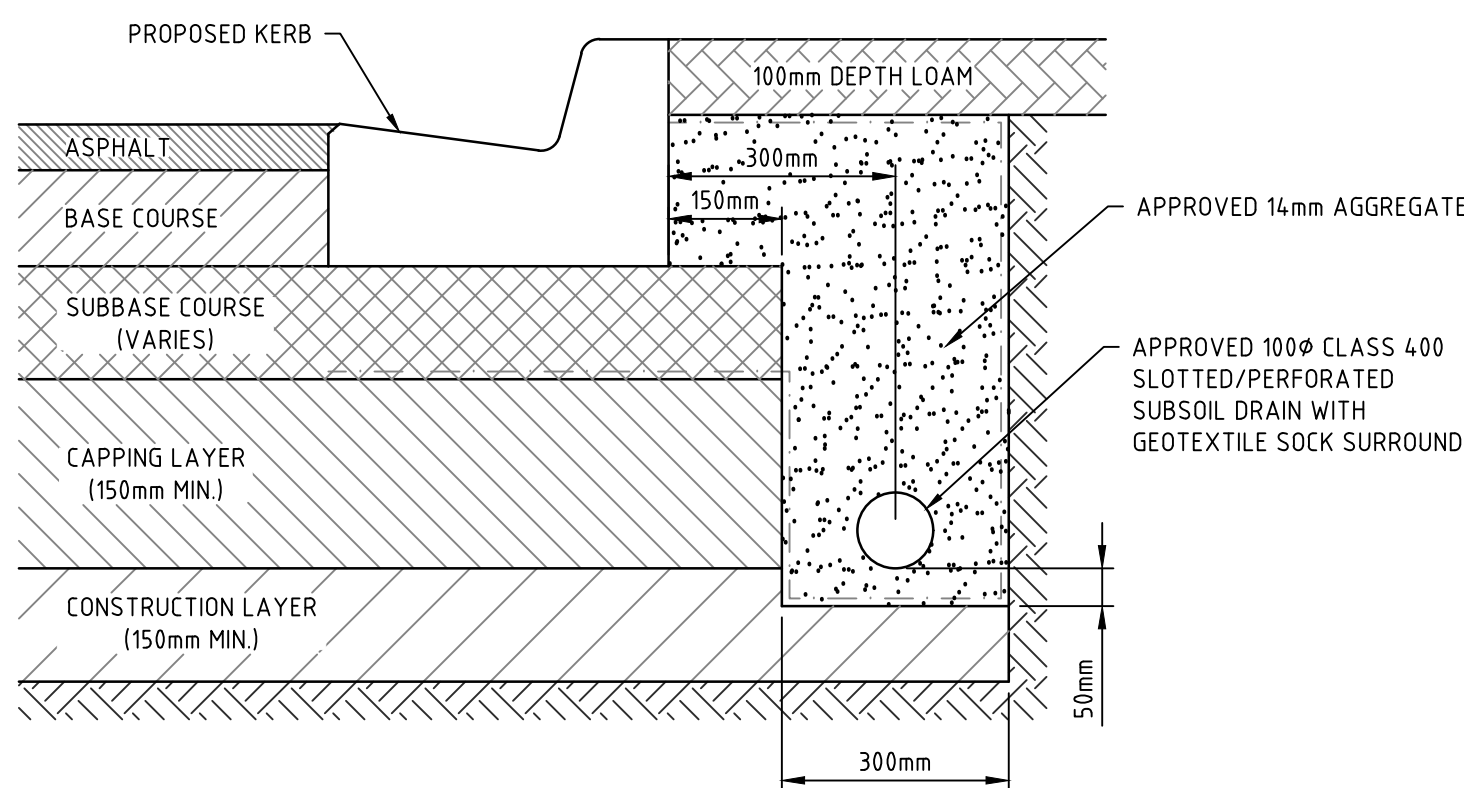


PAVEMENT PROFILE (500-1000 VPD)

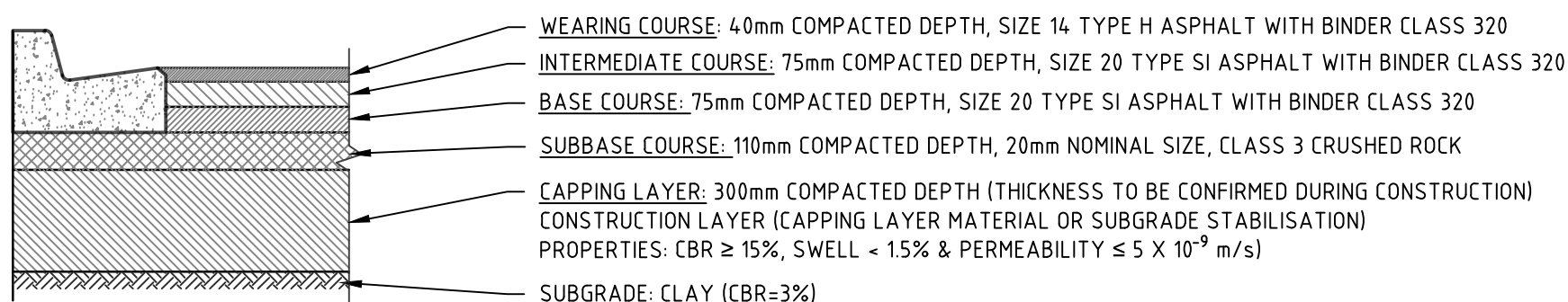
ORCHID GROVE, GROWER STREET, REED WAY AND
EVERGREEN BOULEVARD (EAST OF WESTRINGIA APPROACH)
TOTAL DEPTH = 490mm



PAVEMENT JOINT DETAIL (EXPANSIVE SUBGRADE)

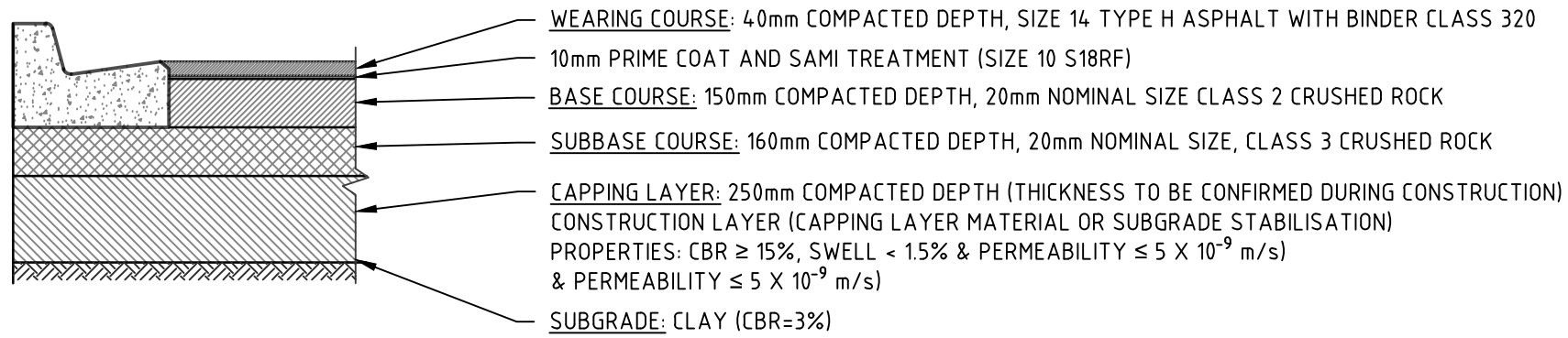


SUBSURFACE DRAIN (EXPANSIVE SOILS)



PAVEMENT PROFILE

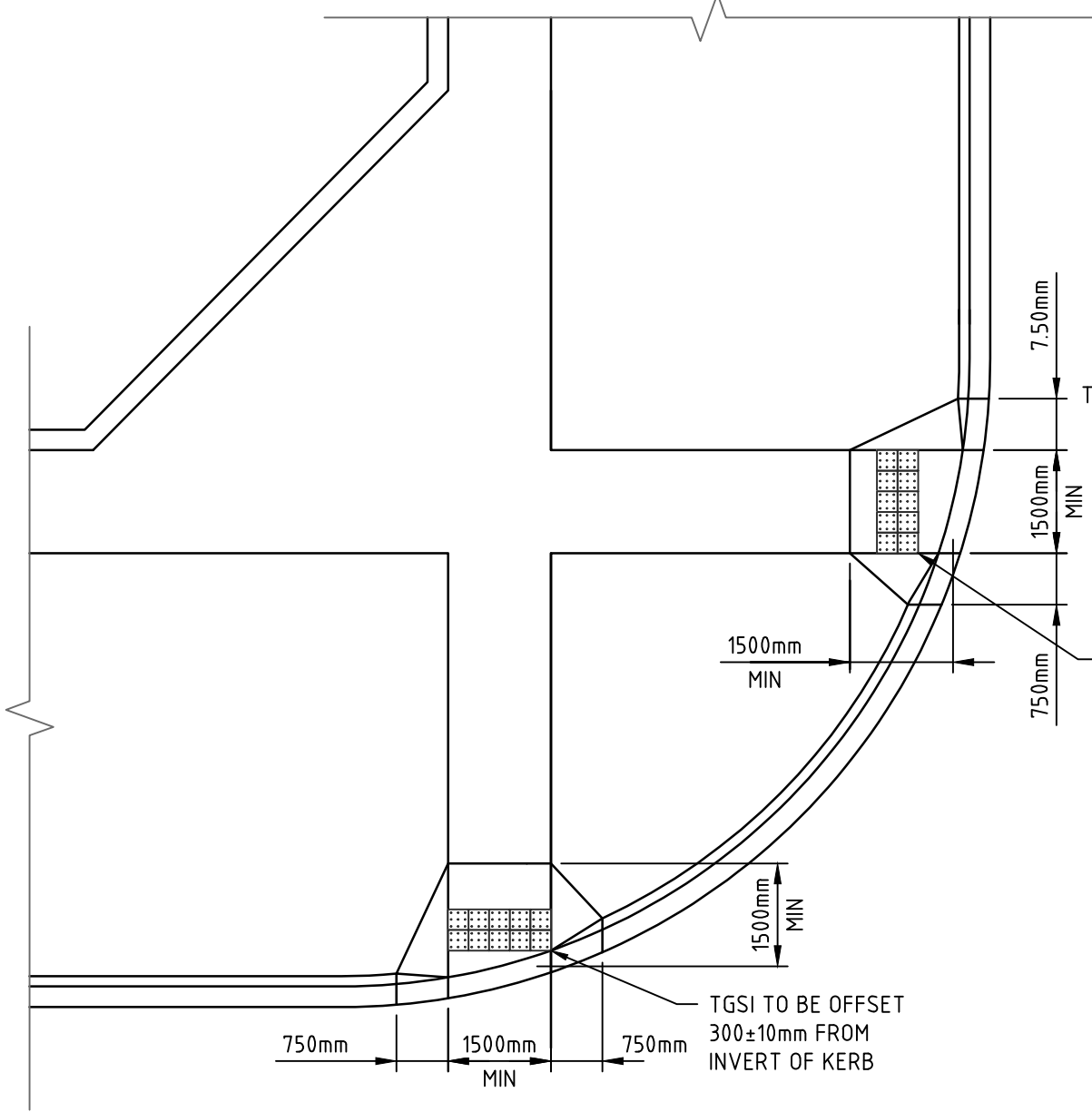
EVERGREEN BOULEVARD
TOTAL DEPTH = 600mm



PAVEMENT PROFILE (1000-2500 VPD)

BURSARIA TERRACE & WESTRINGIA APPROACH
TOTAL DEPTH = 600mm

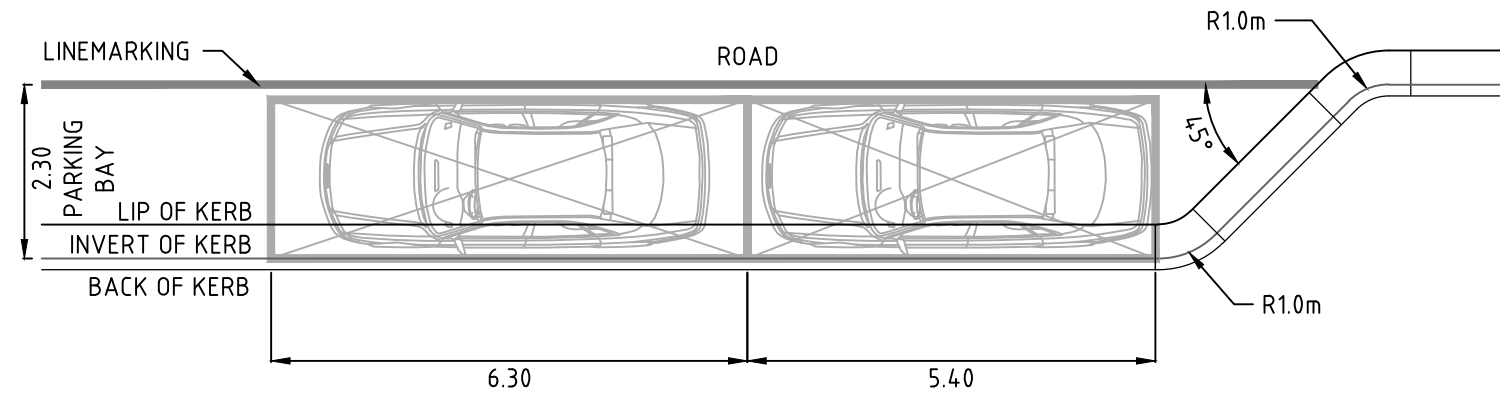
B	26.06.24	NT		ISSUED FOR APPROVAL	COPYRIGHT The concepts and information contained in this document are the Copyright of Cossill & Webley Consulting Engineers. Use or copying of the document in whole or part without the written permission of Cossill & Webley Consulting Engineers constitutes an infringement of copyright. This plan is not to be used for construction unless issued as revision 0 or higher CW Cossill & Webley CONSULTING ENGINEERS Street Address Level 20, 390 St Kilda Road W cossillwebley.com.au Melbourne VIC 3004 T (03) 8548 1560 E Melbourne.Reception@cosweb.com.au	CLIENT PROJECT BROADSTEAD - STAGE 02 TITLE GENERAL NOTES AND DETAILS (SHEET 1 OF 2) MUNICIPALITY MITCHELL SHIRE COUNCIL	APPROVED-PE 0005549 DESIGNED A. MAY SCALE NOT TO SCALE PP No. PLP430/22 DRAWING No. 3265-02-010 REVISION B	ORIGINAL SIZE A1	
A	24.06.24	NT	FP	B. J-MONCK		INITIAL ISSUE	TITLE GENERAL NOTES AND DETAILS (SHEET 1 OF 2) MUNICIPALITY MITCHELL SHIRE COUNCIL		
REV	DATE	DRN	CKD	APP	AMENDMENT				



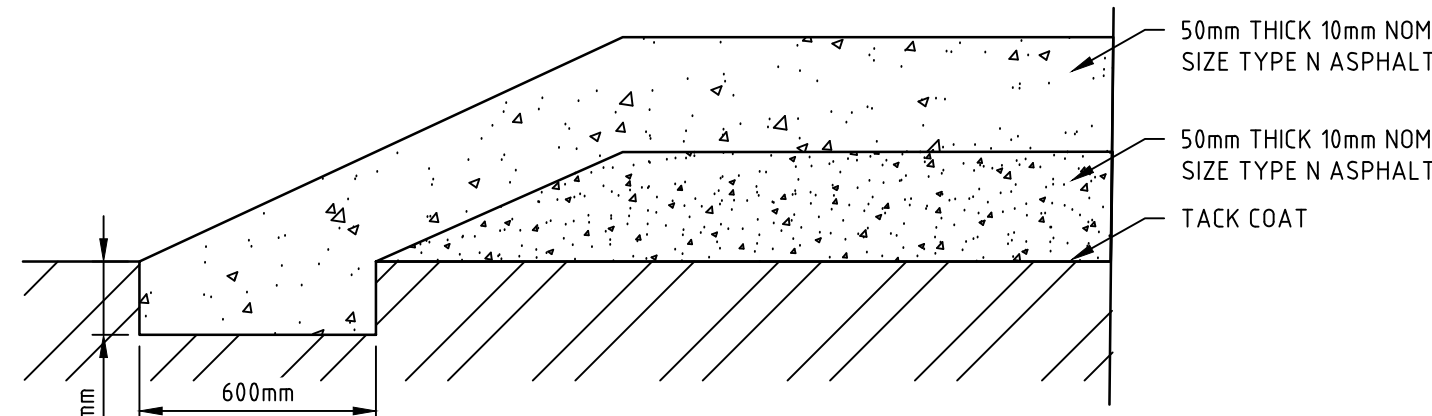
TYPICAL PRAM CROSSING DETAIL
NOT TO SCALE
REFER STD DWG ID# SD200

NOTES:

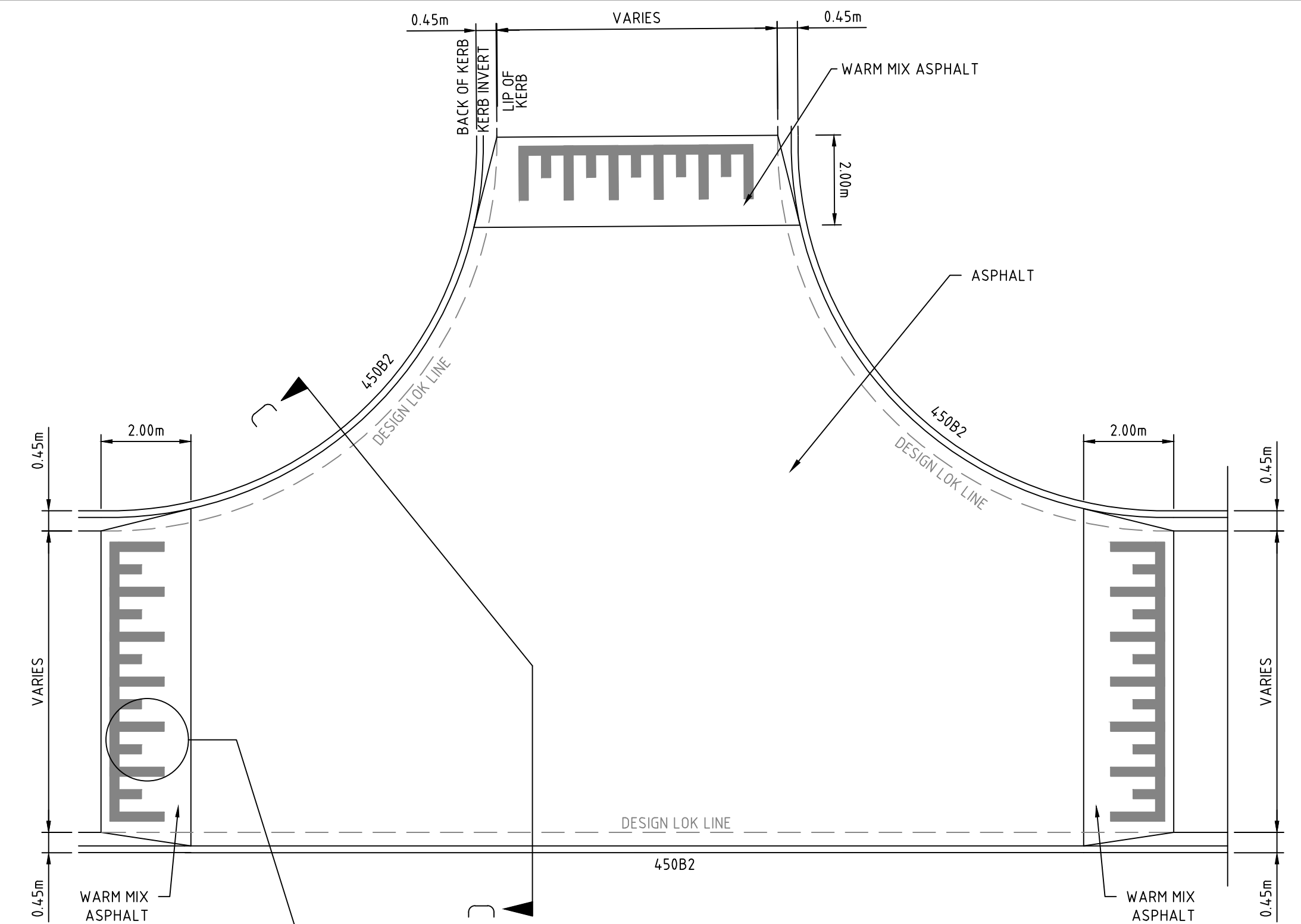
1. LOCATION OF CROSSINGS TO BE CASE BY CASE & TO BE APPROVED BY COUNCIL.
2. CROSSING GENERALLY TO BE LOCATED AT TANGENT POINTS.
3. CONCRETE TO BE SMOOTH TROWELLED FINISH ON TRAY.
4. CONCRETE TO BE FINE SOFT HAIR BRUSH FINISH ON LAYBACK.
5. MINIMUM CONCRETE STRENGTH TO BE 25 MPA.
6. BEDDING TO BE COMPACTED CLASS 3 (OR BETTER) F.C.R. UNLESS OTHERWISE DIRECTED.
7. IF SPLAY IS NOT REQUIRED FOOTPATH IS TO CONTINUE THROUGH TO LAYBACKS.
8. TGS'S (TILES), WHERE REQUIRED, ARE TO BE INSTALLED TO AS1428.4.
9. WHERE ANY NEW CONCRETE ABUTS EXISTING CONCRETE INSTALL R160 DOWELS IN 125mm THICK CONCRETE OR R100 DOWELS IN 75mm THICK CONCRETE DOWELS @ MAX 600 CTS. REFER SD 205, SD270 FOR FURTHER FOOTPATH DETAILS.



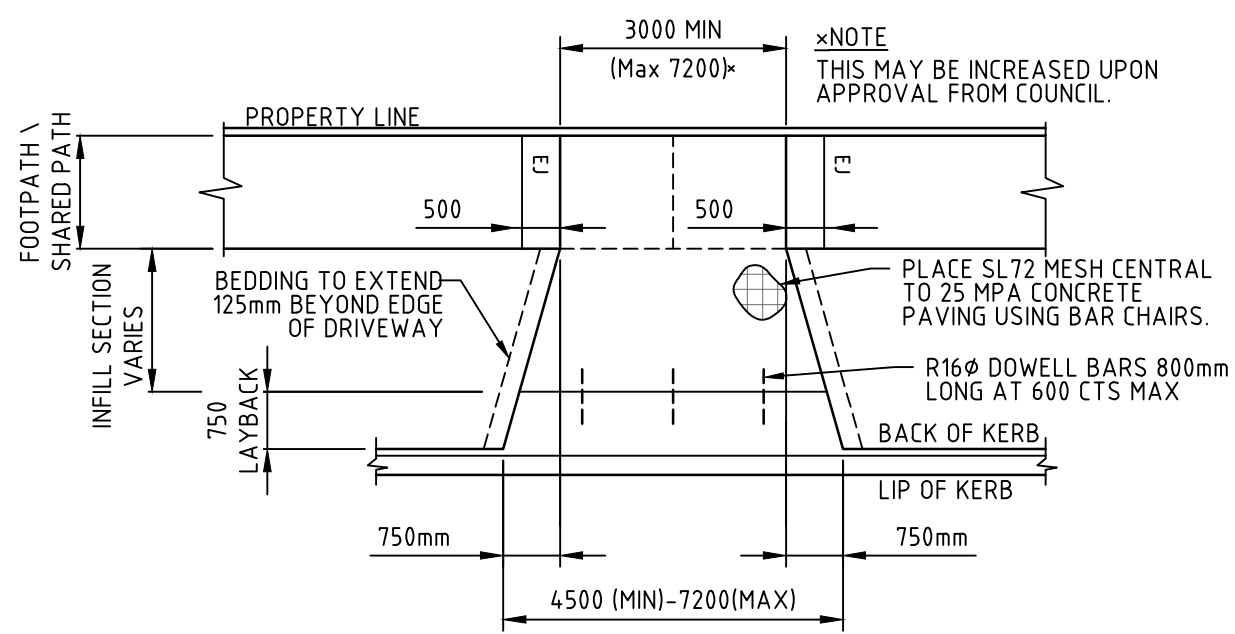
TYPICAL INDENTED BAY DETAIL
NOT TO SCALE



TYPICAL ASPHALT RAISED PAVEMENT
NOT TO SCALE

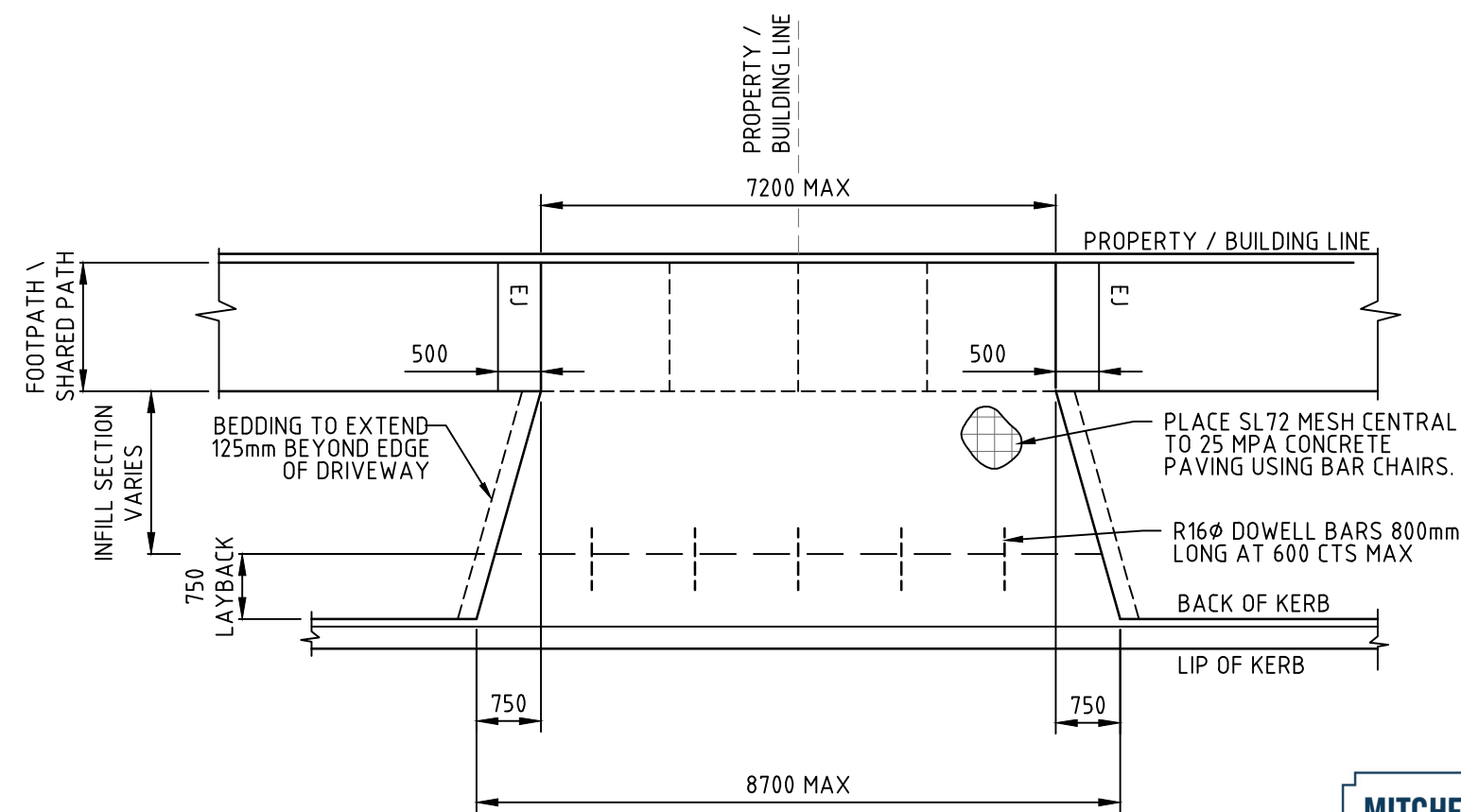
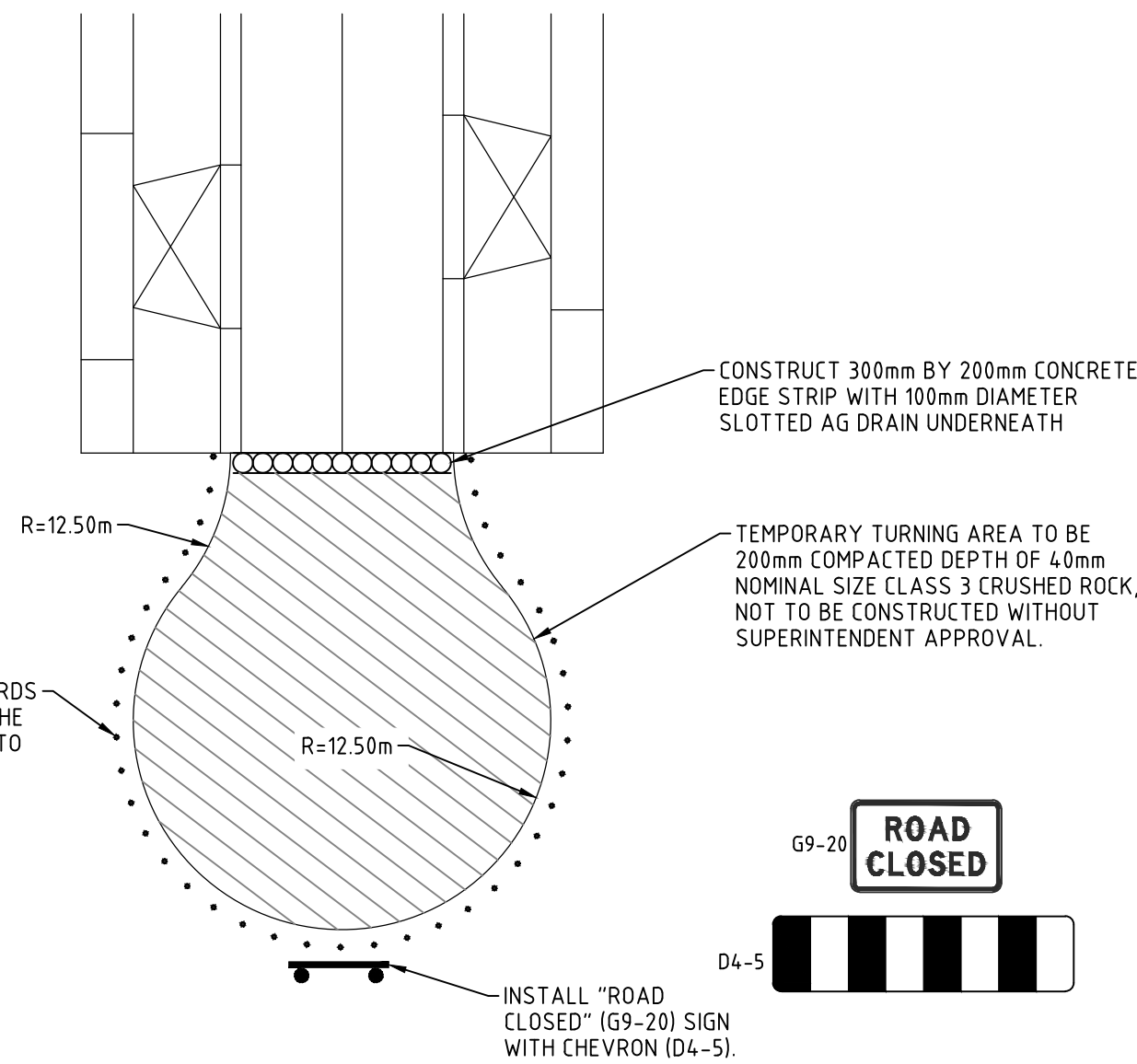


TYPICAL RAISED INTERSECTION DETAIL
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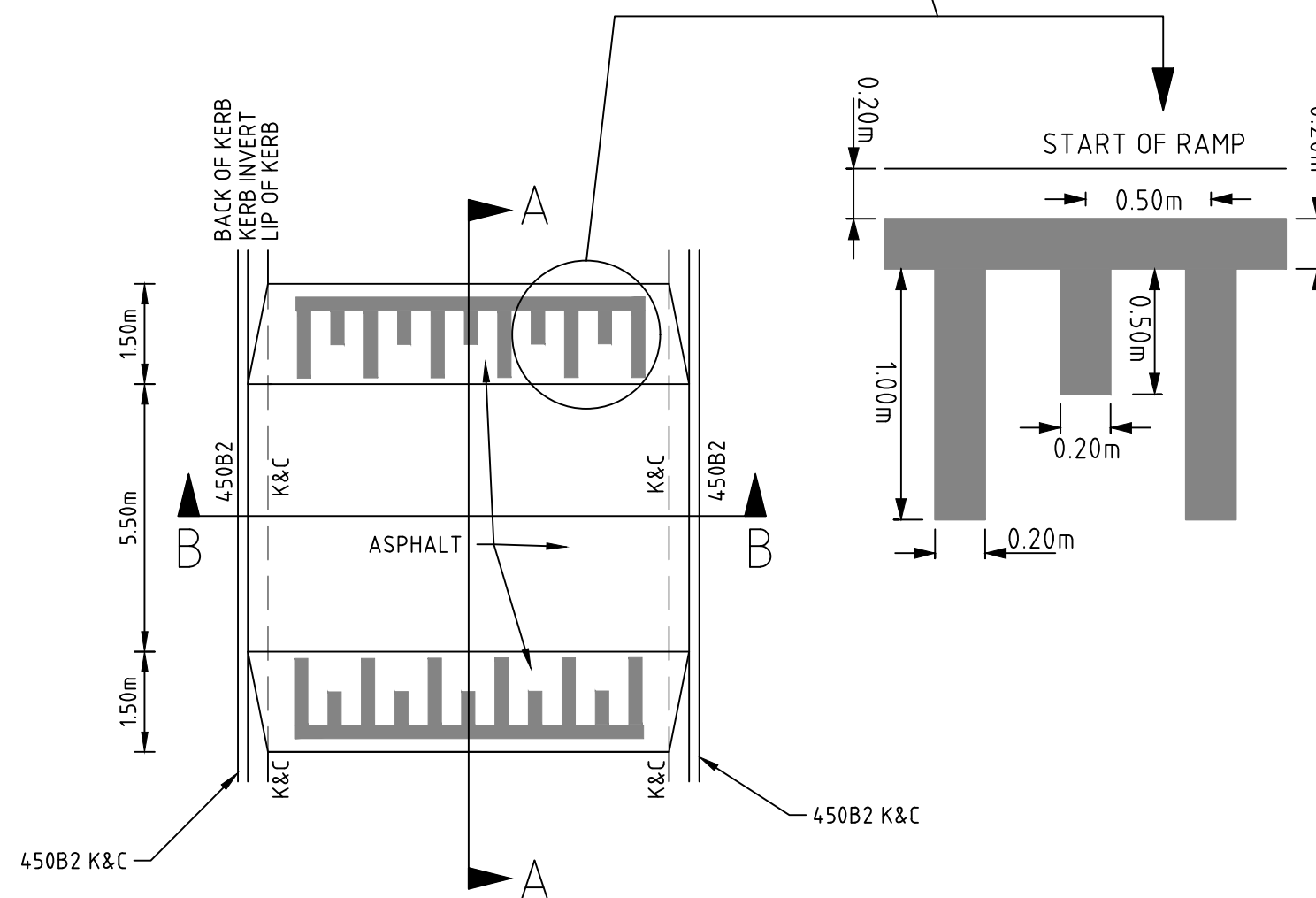


SINGLE RESIDENTIAL VEHICLE CROSSING
NOT TO SCALE
REFER STD DWG ID# SD240

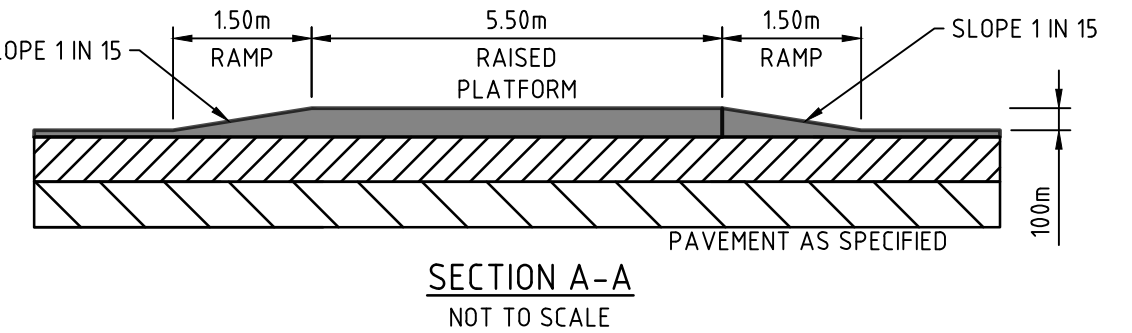
INSTALL TEMPORARY BOLLARDS AT 150m SPACING AROUND THE TEMPORARY TURNING AREA TO EXCLUDE VEHICLE ACCESS.



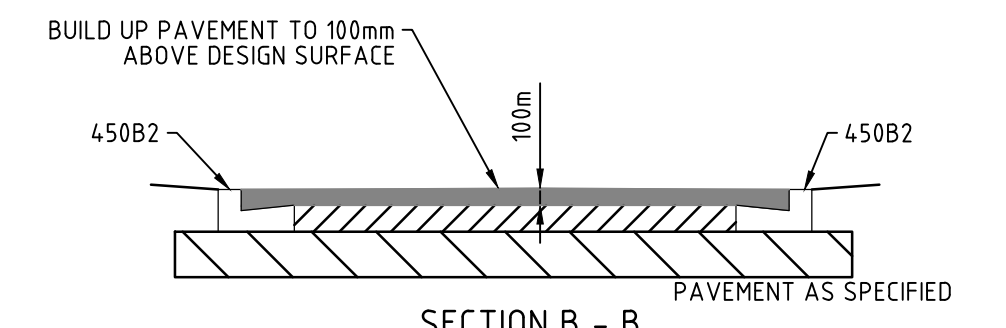
DOUBLE RESIDENTIAL VEHICLE CROSSING
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REFER STD DWG ID# SD245



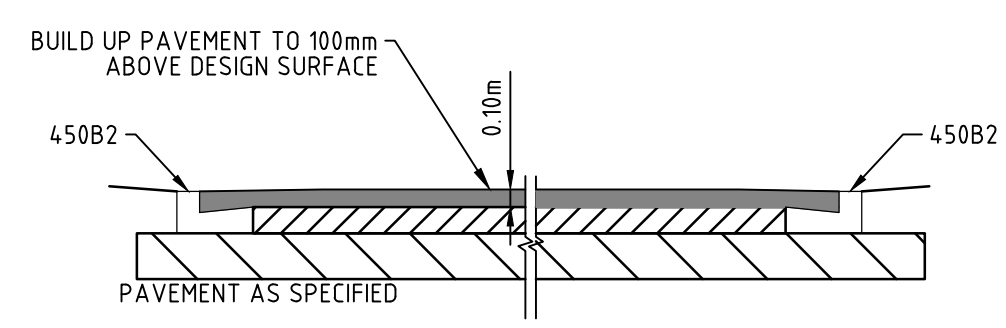
TYPICAL RAISED PAVEMENT DETAIL
NOT TO SCALE



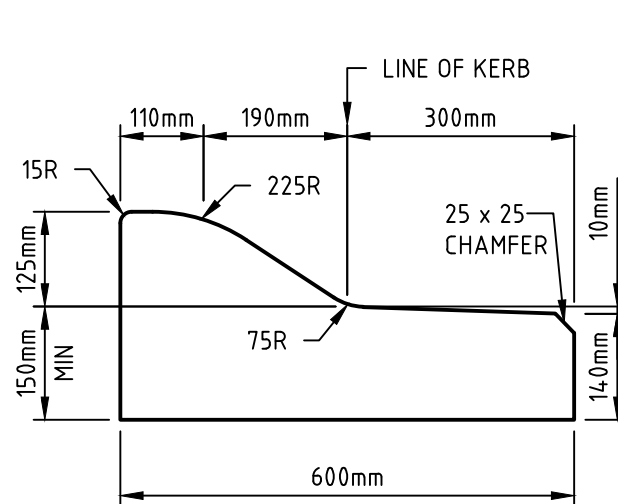
SECTION A-A
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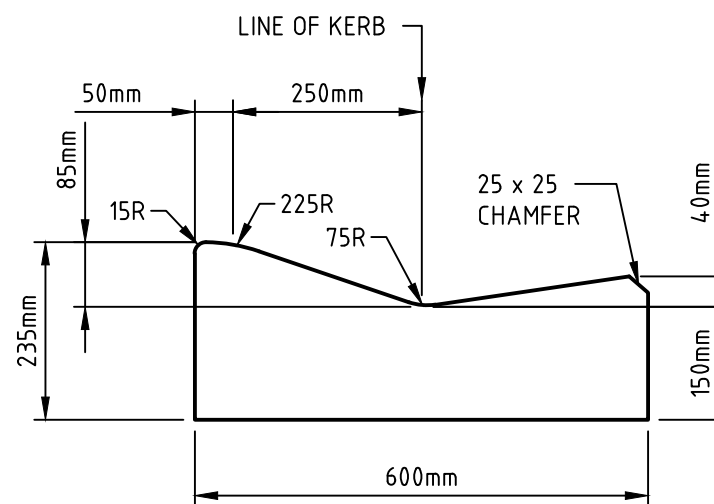
SECTION B-B
NOT TO SCALE



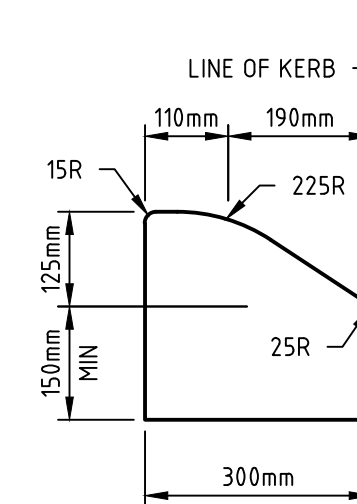
SECTION C-C
NOT TO SCALE



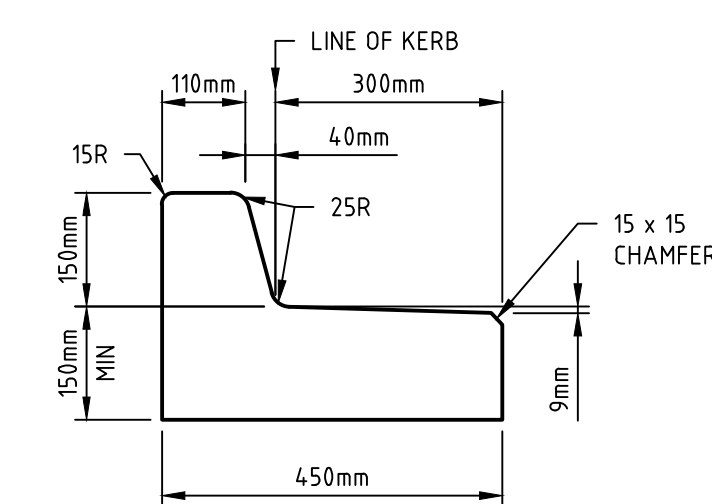
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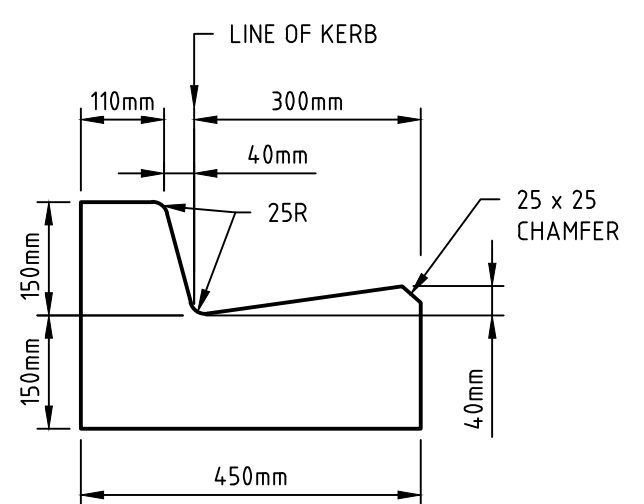
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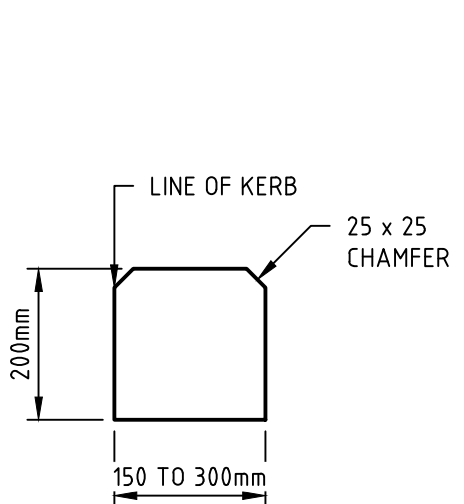
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B3



B2



EDGESTRIP

KERB PROFILES

SCALE: 1:10 @ A1

B	26.06.24	NT	<i>[Signature]</i>	ISSUED FOR APPROVAL
A	24.06.24	NT	KCL B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	OKD	APP
AMENDMENT				

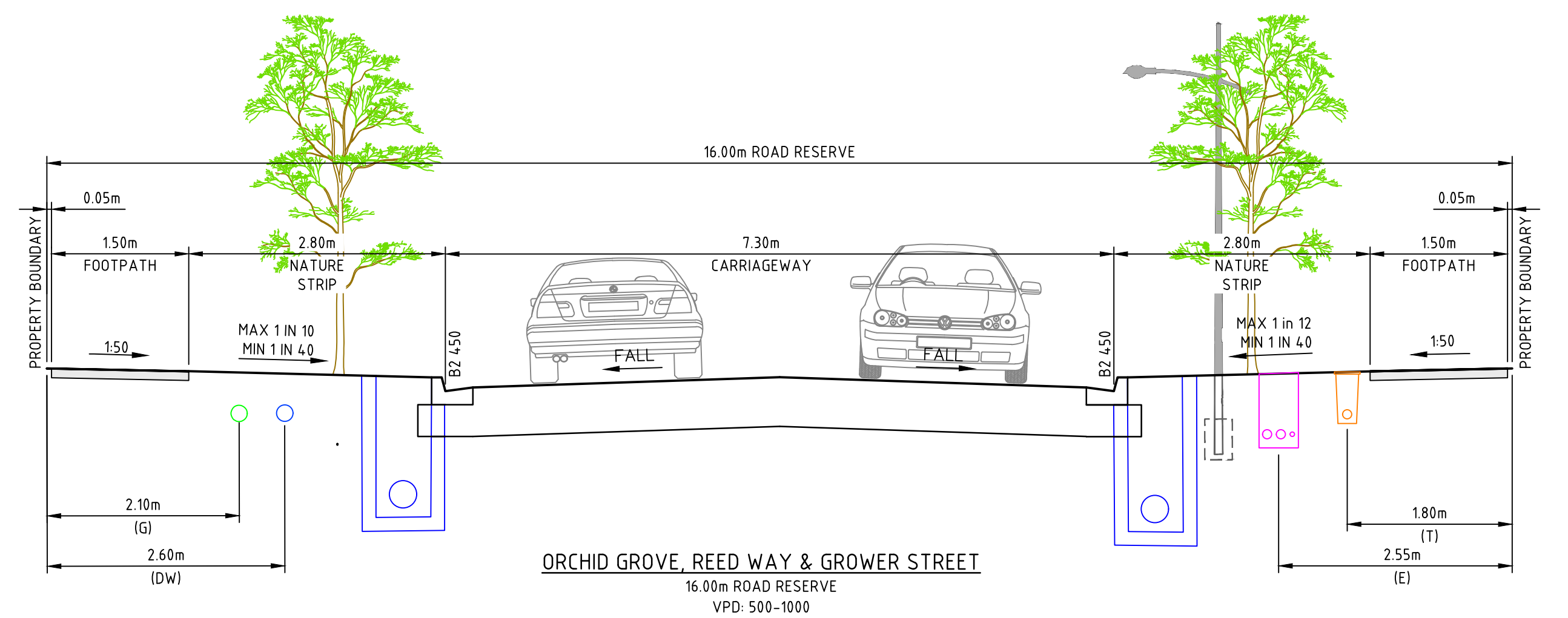
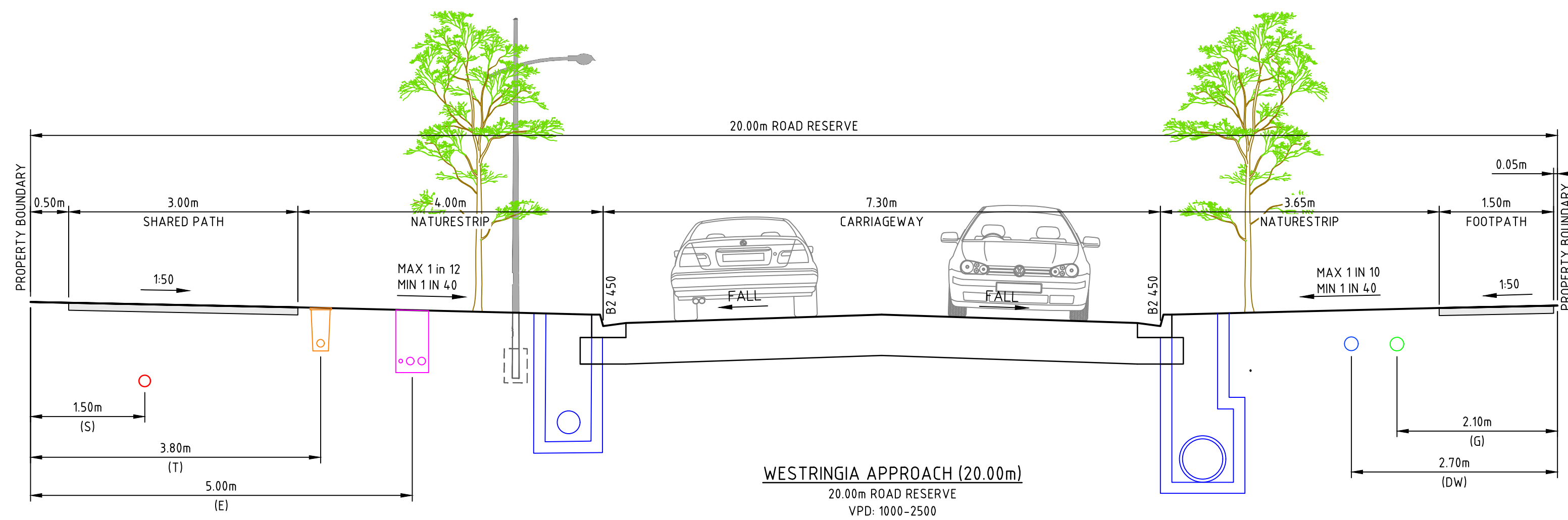
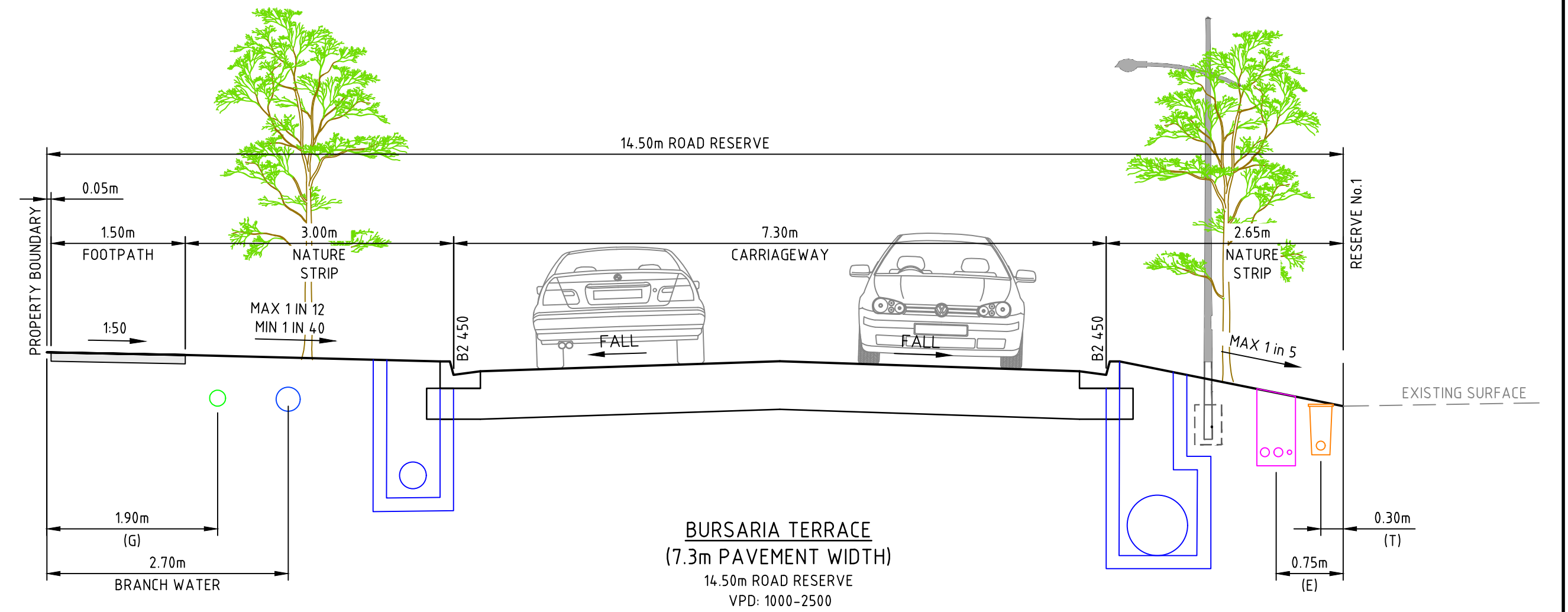
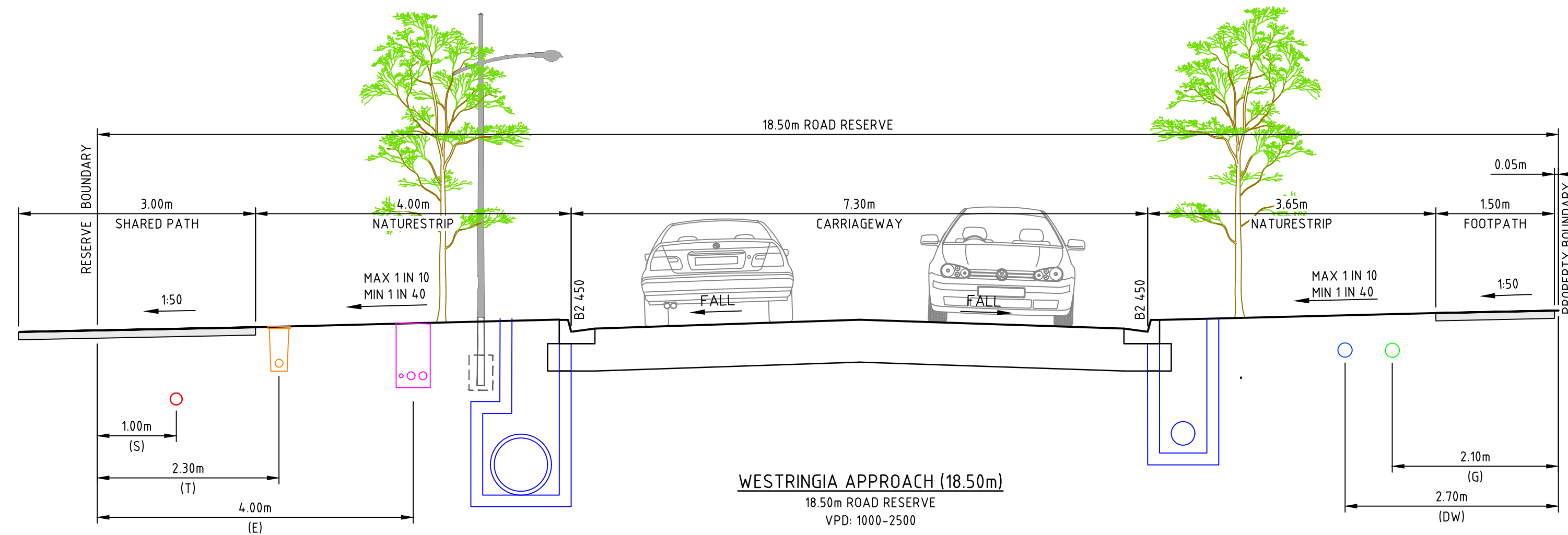
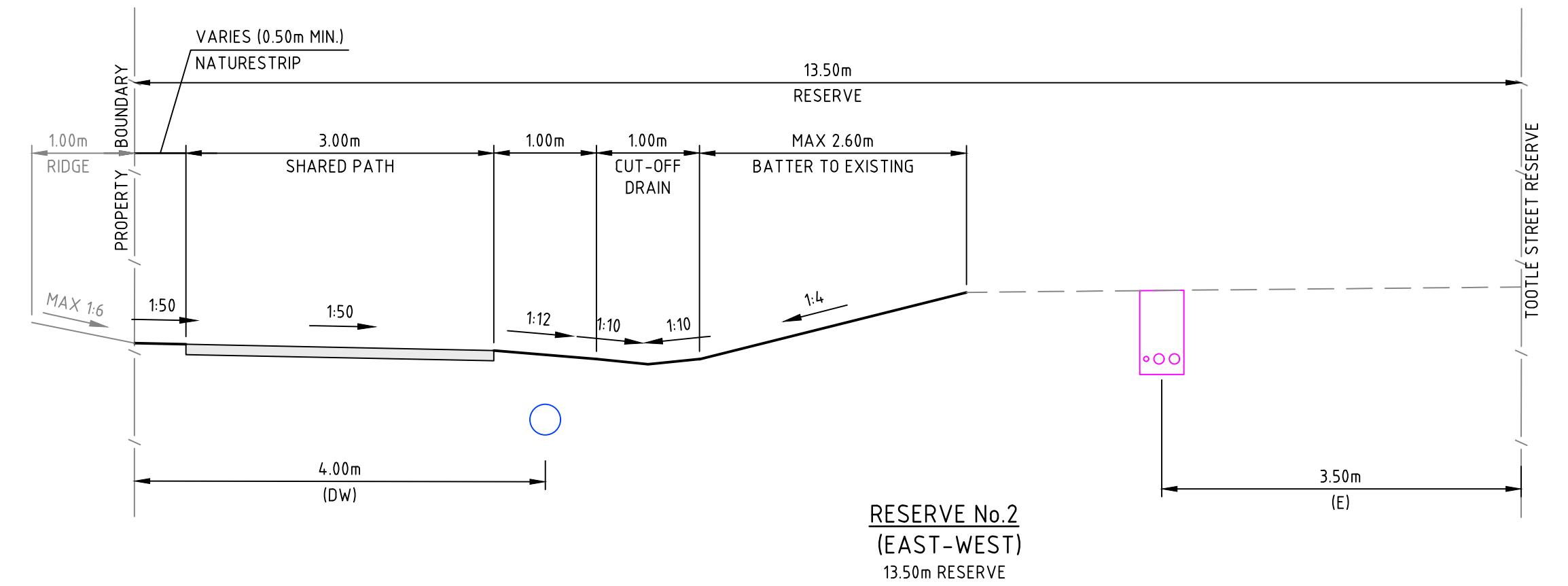
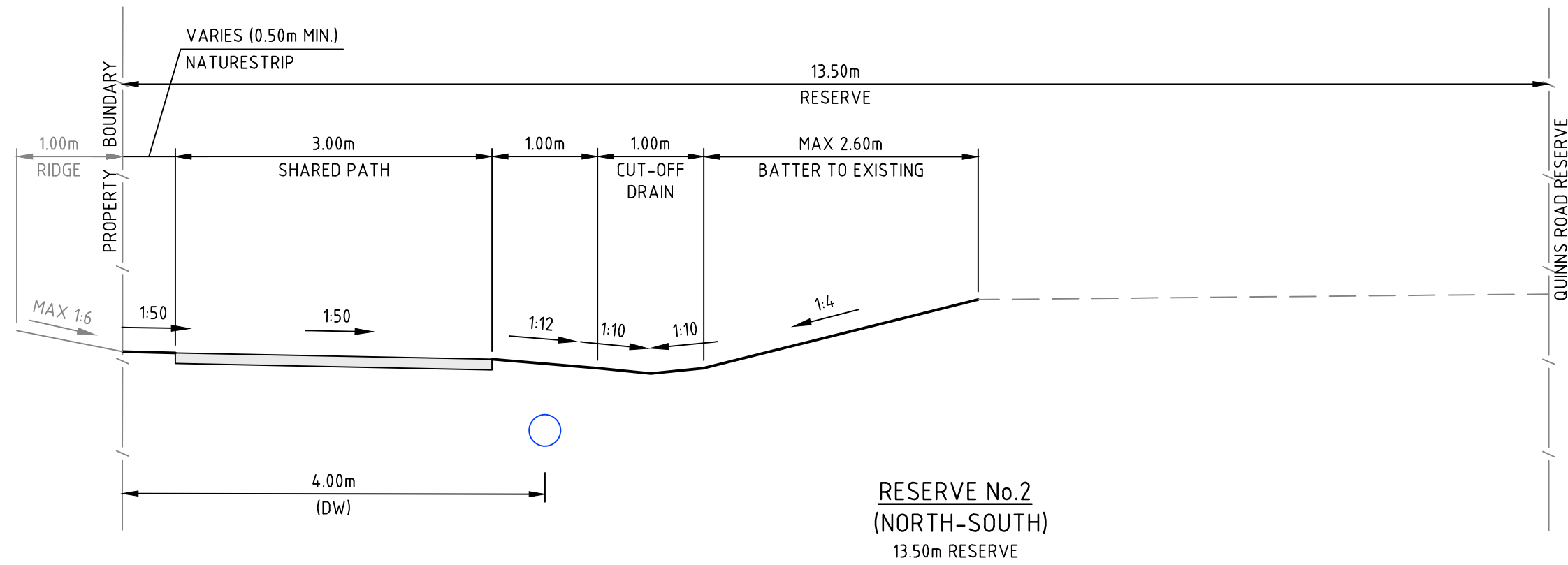
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APPROVED: PE 0005549 <i>[Signature]</i>	DESIGNED A. MAY
SCALE AS SHOWN	

PROJECT BROADSTEAD - STAGE 02	
TITLE GENERAL NOTES AND DETAILS (SHEET 2 OF 2)	
MUNICIPALITY MITCHELL SHIRE COUNCIL	PP No. PLP430/22
DRAWING No. 3265-02-011	REVISION B

A1
ORIGINAL SIZE



C	06.08.24	TP	12	12	ELECT. OFFSETS UPDATED; SHARED PATH IN REV SERVE 2 MODIFIED.
B	26.06.24	NT	KCL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT



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JINDING

APPROVED PE 0005549
Basir Azizi

DESIGNED
A. MAY
SCALE
1:50 @ A1

PROJECT
BROADSTEAD - STAGE 02

TITLE
TYPICAL CROSS SECTIONS

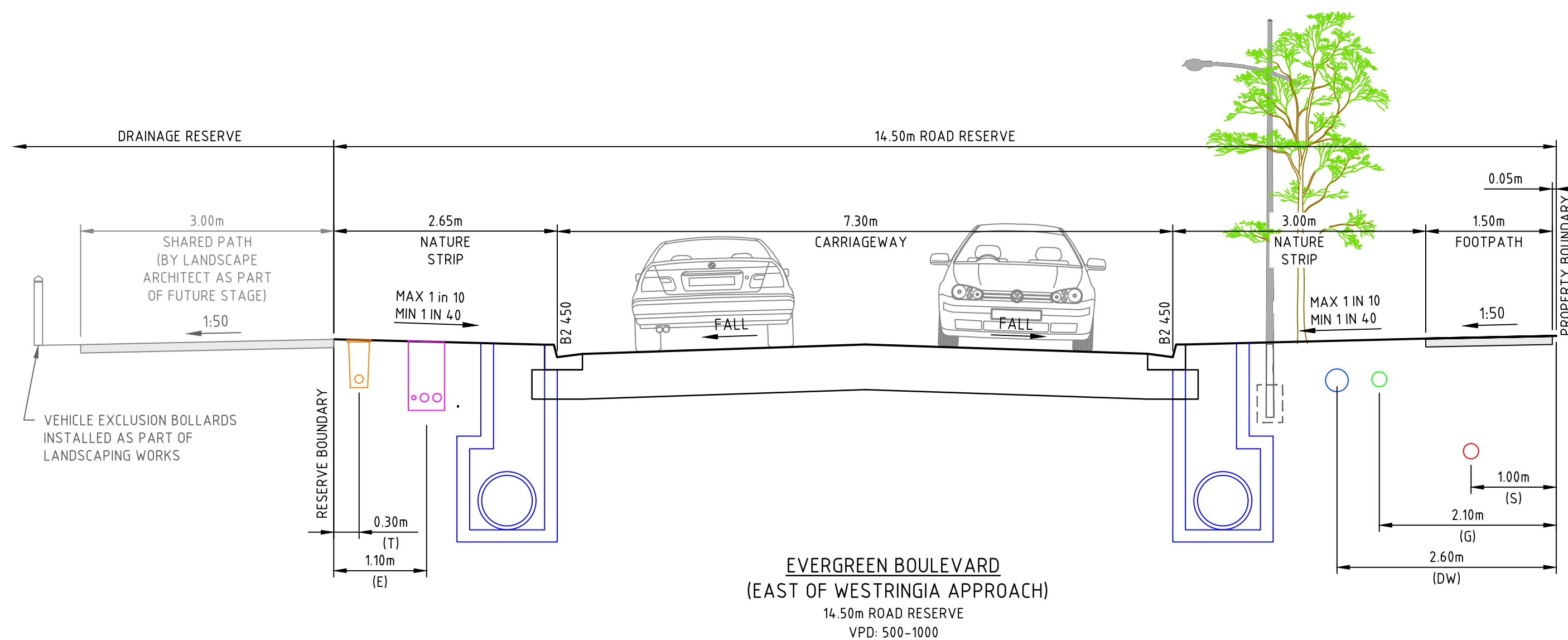
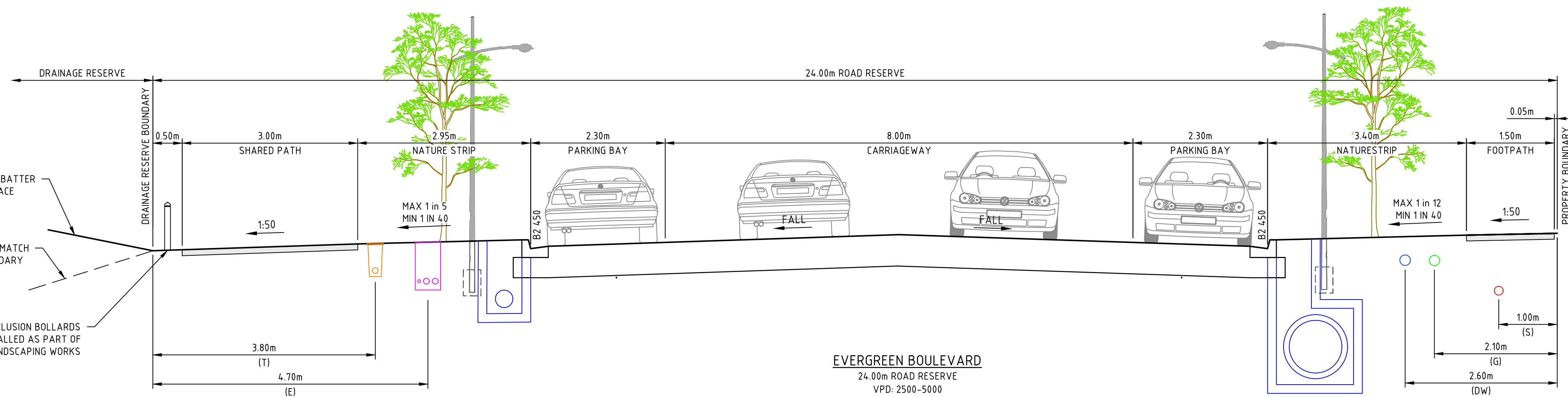
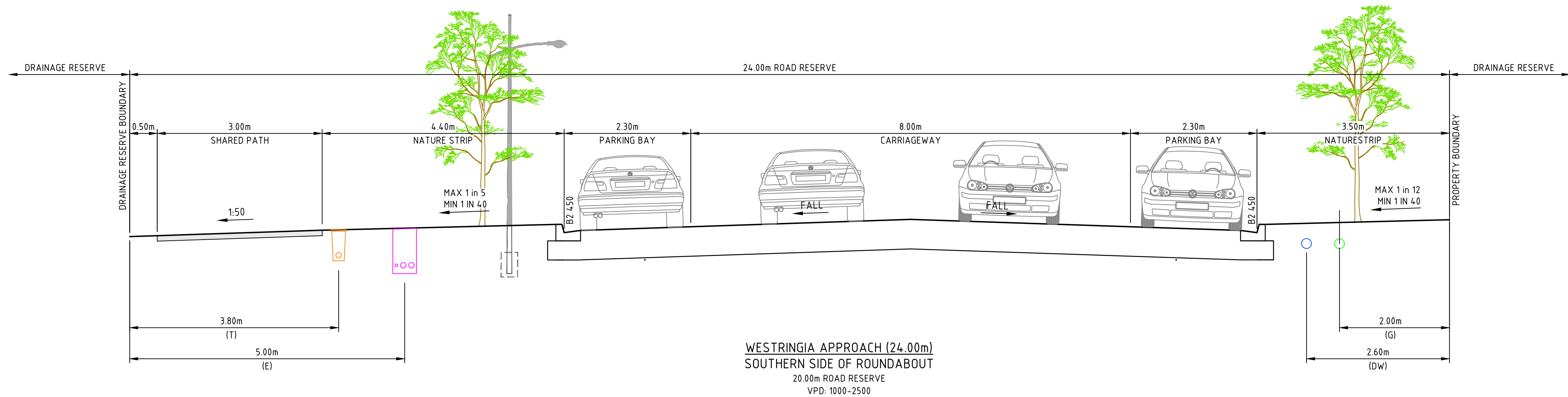
MUNICIPALITY
MITCHELL SHIRE COUNCIL

PP No.
PLP430/22

DRAWING No.
3265-02-020

REVISION
C

A1
ORIGINAL SIZE



REV	DATE	DRN	CKD	APP	AMENDMENT
C	18.07.24	TP			ELECTRICAL ALIGNMENT OFFSETS UPDATED
B	26.06.24	NT	KCL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE



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JINDING

APPROVED PE 0005549
Basir Aziz

DESIGNED
C. McDONALD

SCALE
1:50 @ A1

PROJECT
BROADSTEAD - STAGE 02

TITLE
TYPICAL CROSS SECTIONS
(SHEET 2 OF 2)

MUNICIPALITY
MITCHELL SHIRE COUNCIL

PP No. PLP430/22

DRAWING No. 3265-02-021

REVISION
C

ORIGINAL SIZE
A1

FOR CONTINUATION REFER TO SHEET 3265-02-101

FOR CONTINUATION REFER TO SHEET 3265-02-101

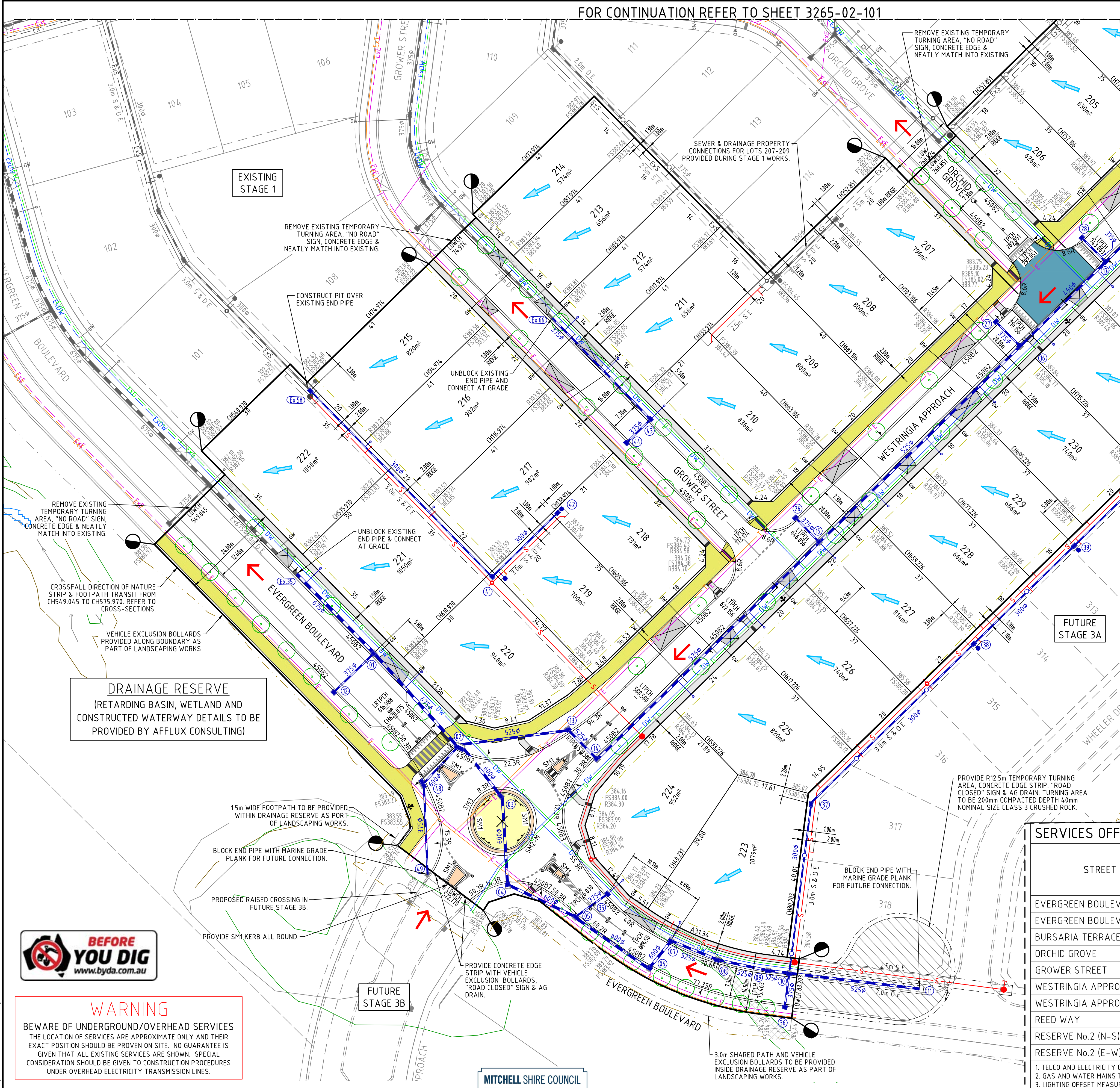
LEGEND

DESCRIPTION	EXISTING	PROPOSED
WATER MAIN - DRINKING WATER	ExNDW	DW
UNDERGROUND ELECTRICITY	ExE	E
TELECOMMUNICATIONS & SERVICE PIT	ExT	T
GAS MAIN	ExG	G
CENTRAL INVERT		
BRANCH SEWER & MANHOLE	ExS	S
SEWER & MANHOLE	ExS	S
COUNCIL STORMWATER DRAIN, PIT & HOUSE DRAIN/PROPERTY INLET		
GAS & WATER CONDUITS	GW	GW
HOUSE DRAIN		
STORMWATER DRAINAGE PIT NUMBER	01	01
CONCRETE VEHICLE CROSSING		
CONCRETE FOOTPATH		
RAISED PLATFORM		
SHARED PATH		
LANDSCAPING		
CONCRETE INFILL MEDIAN		
FILLING GREATER THAN 300mm		
RIDGE / CHANGE OF GRADE LINE		
SURFACE LEVEL	4.3.21	F4.3.3
RIDGE LEVEL		R4.3.55
ROAD CHAINAGES	CH36.20 (L/R)TP CH36.20	CH36.20 (L/R)TP CH36.20
LOT CHAINAGE	CH28.50	CH28.50
PERMANENT SURVEY MARK		
TEMPORARY BENCH MARK		
BOLLARD		
FALL OF DESIGN SURFACE		
100 YEAR OVERLAND FLOW PATH		
SIGN AND POST		
LIMIT OF WORKS		
BATTER		
TREE PROTECTION ZONE HIGH / MED / LOW		
STRUCTURAL ROOT ZONE HIGH / MED / LOW		
TREE TO BE REMOVED		
VEGETATION LINE		
VEGETATION LINE TO BE REMOVED		

SERVICES OFFSET TABLE

STREET NAME	GAS		DRINKING WATER		TELCO		ELECTRICITY		SEWER		LIGHTING	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFS ET
EVERGREEN BOULEVARD (24.00m)	E	2.10	E	2.60	W	3.80	W	4.70	E	1.00	S & W	0.80
EVERGREEN BOULEVARD (14.50m)	N	2.10	N	2.60	S	0.30	S	1.10	N	1.00	S	0.80
BURSARIA TERRACE	S	1.90	S	2.70	N	0.30	N	0.75	-	-	S	0.80
ORCHID GROVE	E	2.10	E	2.60	W	1.80	W	2.55	-	-	W	0.80
GROWER STREET	E	2.10	E	2.60	W	1.80	W	2.55	-	-	W	0.80
WESTRINGIA APPROACH (20.00m)	E	2.10	E	2.70	W	3.80	W	5.00	W	1.50	W	0.80
WESTRINGIA APPROACH (18.50m)	E	2.10	E	2.70	W	2.30	W	4.00	W	1.00	W	0.80
REED WAY	E	2.10	E	2.60	W	1.80	W	2.60	-	-	W	0.80
RESERVE No.2 (N-S)	-	-	W	4.00	-	-	-	-	-	-	-	-
RESERVE No.2 (E-W)	-	-	S	4.00	-	-	N	3.50	-	-	-	-

1. TELCO AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICAL AUTHORITY STANDARD DRAWINGS.
2. GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
3. LIGHTING OFFSET MEASURE FROM BACK OF KERB.



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.



H 1:500
SCALE @ A1

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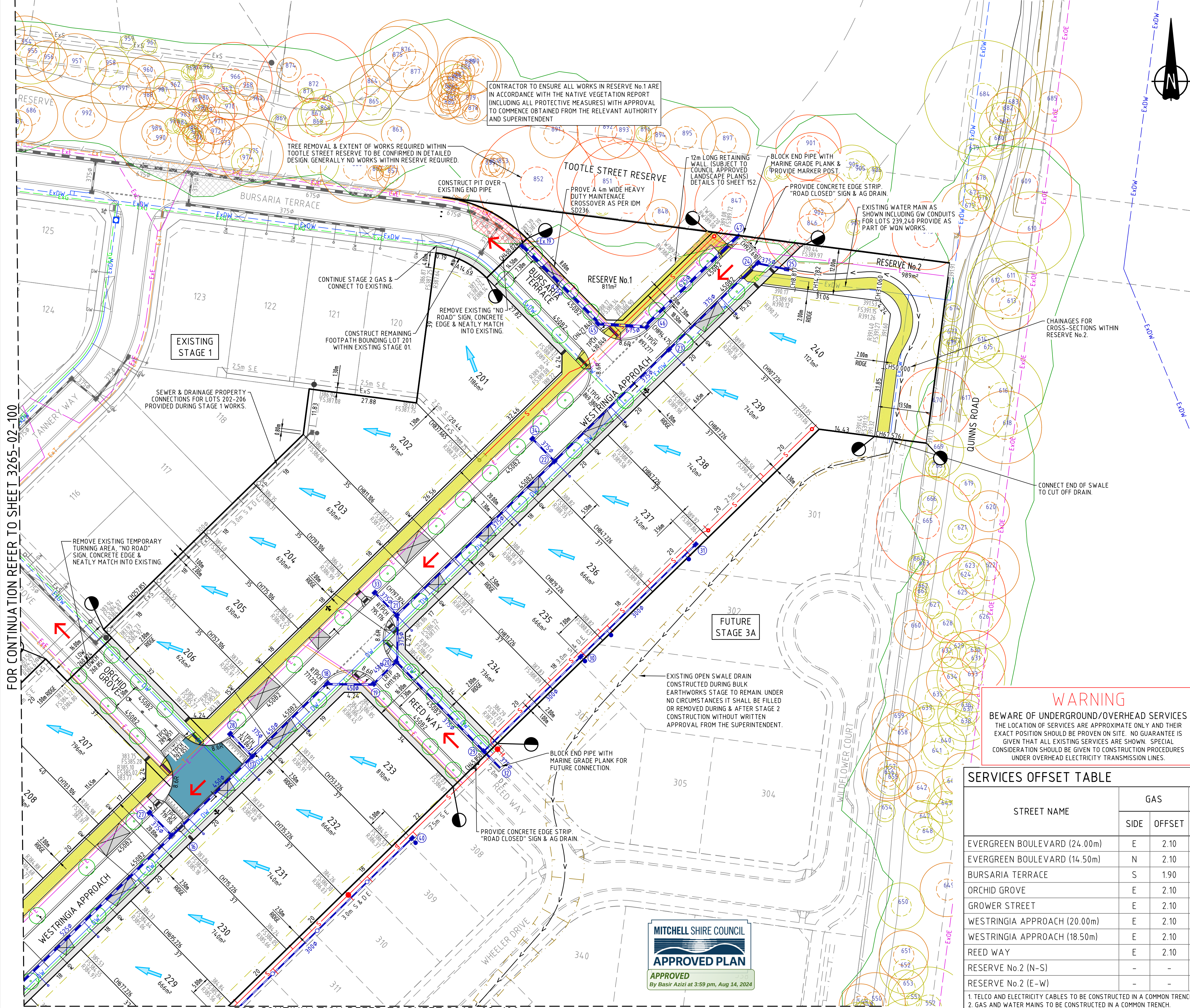
CLIENT
JINDING
APPROVED PE 0005549
DESIGNED
A. MAY
SCALE
1:500

PROJECT
BROADSTEAD - STAGE 02
TITLE
LAYOUT PLAN (SHEET 1 OF 2)
MUNICIPALITY
MITCHELL SHIRE COUNCIL
PP No.
PLP430/22
DRAWING No.
3265-02-100
REVISION
C

ORIGINAL SIZE
A1

C:\3265-02-101\3265-02-101_Plan.dwg 8/7/2024 1:44 PM KEN LEE

FOR CONTINUATION REFER TO SHEET 3265-02-100



LEGEND		
DESCRIPTION	EXISTING	PROPOSED
WATER MAIN - DRINKING WATER	ExNDW	DW
UNDERGROUND ELECTRICITY	ExE	E
TELECOMMUNICATIONS & SERVICE PIT	ExT	T
GAS MAIN	ExG	G
CENTRAL INVERT		
BRANCH SEWER & MANHOLE	ExS	S
SEWER & MANHOLE	ExS	S
COUNCIL STORMWATER DRAIN, PIT & HOUSE DRAIN/PROPERTY INLET		
GAS & WATER CONDUITS	GW	GW
HOUSE DRAIN		
STORMWATER DRAINAGE PIT NUMBER	01	01
CONCRETE VEHICLE CROSSING		
CONCRETE FOOTPATH		
RAISED PLATFORM		
SHARED PATH		
LANDSCAPING		
CONCRETE INFILL MEDIAN		
FILLING GREATER THAN 300mm		
RIDGE / CHANGE OF GRADE LINE		
SURFACE LEVEL	4.3.21	F44.33
RIDGE LEVEL		R43.55
ROAD CHAINAGES	CH36.20 (L/R)TP CH36.20	CH36.20 (L/R)TP CH36.20
LOT CHAINAGE	CH28.50	CH28.50
PERMANENT SURVEY MARK		
TEMPORARY BENCH MARK		
BOLLARD		
FALL OF DESIGN SURFACE		
100 YEAR OVERLAND FLOW PATH		
SIGN AND POST		
LIMIT OF WORKS		
BATTER		
TREE PROTECTION ZONE HIGH / MED / LOW		
STRUCTURAL ROOT ZONE HIGH / MED / LOW		
TREE TO BE REMOVED		
VEGETATION LINE		
VEGETATION LINE TO BE REMOVED		

WARNING
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SERVICES OFFSET TABLE												
STREET NAME	GAS		DRINKING WATER		TELCO		ELECTRICITY		SEWER		LIGHTING	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSE T
EVERGREEN BOULEVARD (24.00m)	E	2.10	E	2.60	W	3.80	W	4.70	E	1.00	S & W	0.80
EVERGREEN BOULEVARD (14.50m)	N	2.10	N	2.60	S	0.30	S	1.10	N	1.00	S	0.80
BURSARIA TERRACE	S	1.90	S	2.70	N	0.30	N	0.75	-	-	S	0.80
ORCHID GROVE	E	2.10	E	2.60	W	1.80	W	2.55	-	-	W	0.80
GROWER STREET	E	2.10	E	2.60	W	1.80	W	2.55	-	-	W	0.80
WESTRINGIA APPROACH (20.00m)	E	2.10	E	2.70	W	3.80	W	5.00	W	1.50	W	0.80
WESTRINGIA APPROACH (18.50m)	E	2.10	E	2.70	W	2.30	W	4.00	W	1.00	W	0.80
REED WAY	E	2.10	E	2.60	W	1.80	W	2.60	-	-	W	0.80
RESERVE No.2 (N-S)	-	-	W	4.00	-	-	-	-	-	-	-	-
RESERVE No.2 (E-W)	-	-	S	4.00	-	-	N	3.50	-	-	-	-

1. TELCO AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICAL AUTHORITY STANDARD DRAWINGS.
2. GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
3. LIGHTING OFFSET MEASURE FROM BACK OF KERB.

C	07.08.24	NT		HD CROSSOVER AT THE RES. No.1 ADDED & SHARED PATH AT RES. No.2 REVISED
B	02.07.24	NT	KCL	B. J-MONCK ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK INITIAL ISSUE
REV	DATE	DRN	CKD	APP
				AMENDMENT



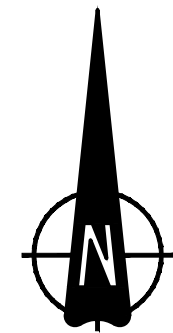
MITCHELL SHIRE COUNCIL
APPROVED PLAN
By Basir Aziz at 3:59 pm, Aug 14, 2024

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APPROVED PE 0005549
DESIGNED A. MAY
SCALE 1:500

PROJECT BROADSTEAD - STAGE 02
TITLE LAYOUT PLAN (SHEET 2 OF 2)
MUNICIPALITY MITCHELL SHIRE COUNCIL
PP No. PLP430/22
DRAWING No. 3265-02-101
REVISION C

ORIGINAL SIZE A1



FOR CONTINUATION REFER TO SHEET 3265-02-151



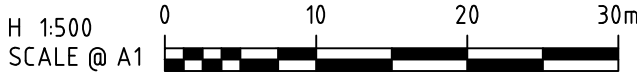
LEGEND		
DESCRIPTION	EXISTING	PROPOSED
TEMPORARY CUTOFF SWALE	---	---
RIDGE / CHANGE OF GRADE LINE	---	---
SURFACE CONTOUR MAJOR	---385.00---	---385.00---
SURFACE CONTOUR MINOR	---	---
FINISHED SURFACE LEVEL	43.21	FS44.33
RIDGE LEVEL	R43.55	R43.55
TOP OF WALL LEVEL	TW43.55	TW43.55
BOTTOM OF WALL LEVEL	BW42.55	BW42.55
TEMPORARY BENCH MARK	▲	▲
BATTER	---	---
FILLING GREATER THAN 300mm		



WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
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B	02.07.24	NT		ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK
				INITIAL ISSUE
REV	DATE	DRN	OKD	APP
				AMENDMENT



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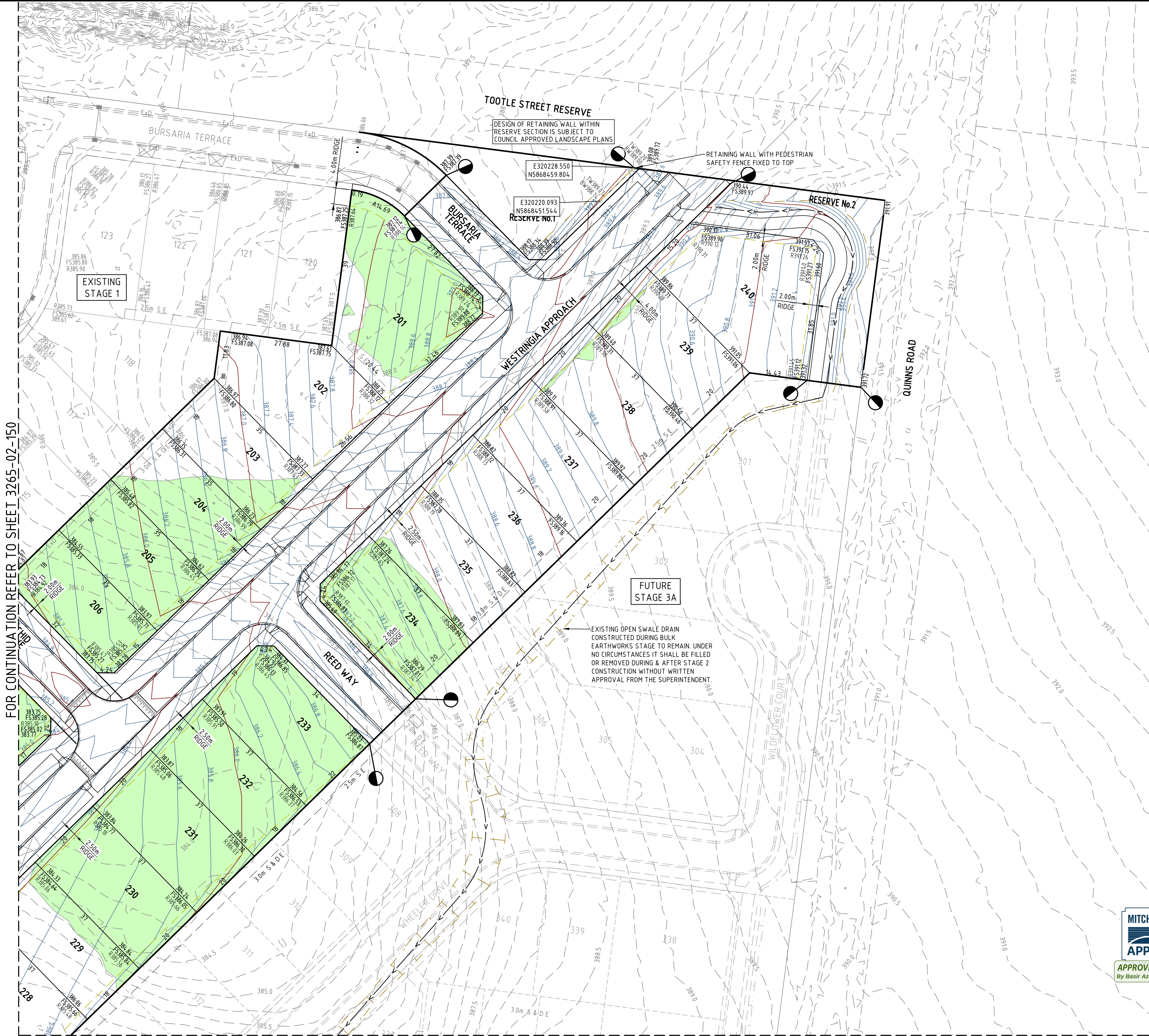
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SCALE 1:500 @ A1	

PROJECT BROADSTEAD - STAGE 02	
TITLE EARTHWORKS PLAN (SHEET 1 OF 2)	
MUNICIPALITY MITCHELL SHIRE COUNCIL	
PP No. PLP430/22	DRAWING No. 3265-02-150
	REVISION B

ORIGINAL SIZE
A1

FOR CONTINUATION REFER TO SHEET 3265-02-150



FOR CONTINUATION REFER TO SHEET 3265-02-150

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
TEMPORARY CUTOFF SWALE	---	---
RIDGE / CHANGE OF GRADE LINE	---	---
SURFACE CONTOUR MAJOR	---	---
SURFACE CONTOUR MINOR	---	---
FINISHED SURFACE LEVEL	43.21	FS44.33
RIDGE LEVEL	R43.55	R43.55
TOP OF WALL LEVEL	TW43.55	TW43.55
BOTTOM OF WALL LEVEL	BW42.55	BW42.55
TEMPORARY BENCH MARK	△	△
BATTER	---	---
FILLING GREATER THAN 300mm		
RETAINING WALL - CONCRETE	---	---



WARNING

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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.

C	07.08.24	NT			NOTES FOR RETAINING WALL ADDED
B	02.07.24	NT	KCL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT

H 1:500
SCALE @ A1

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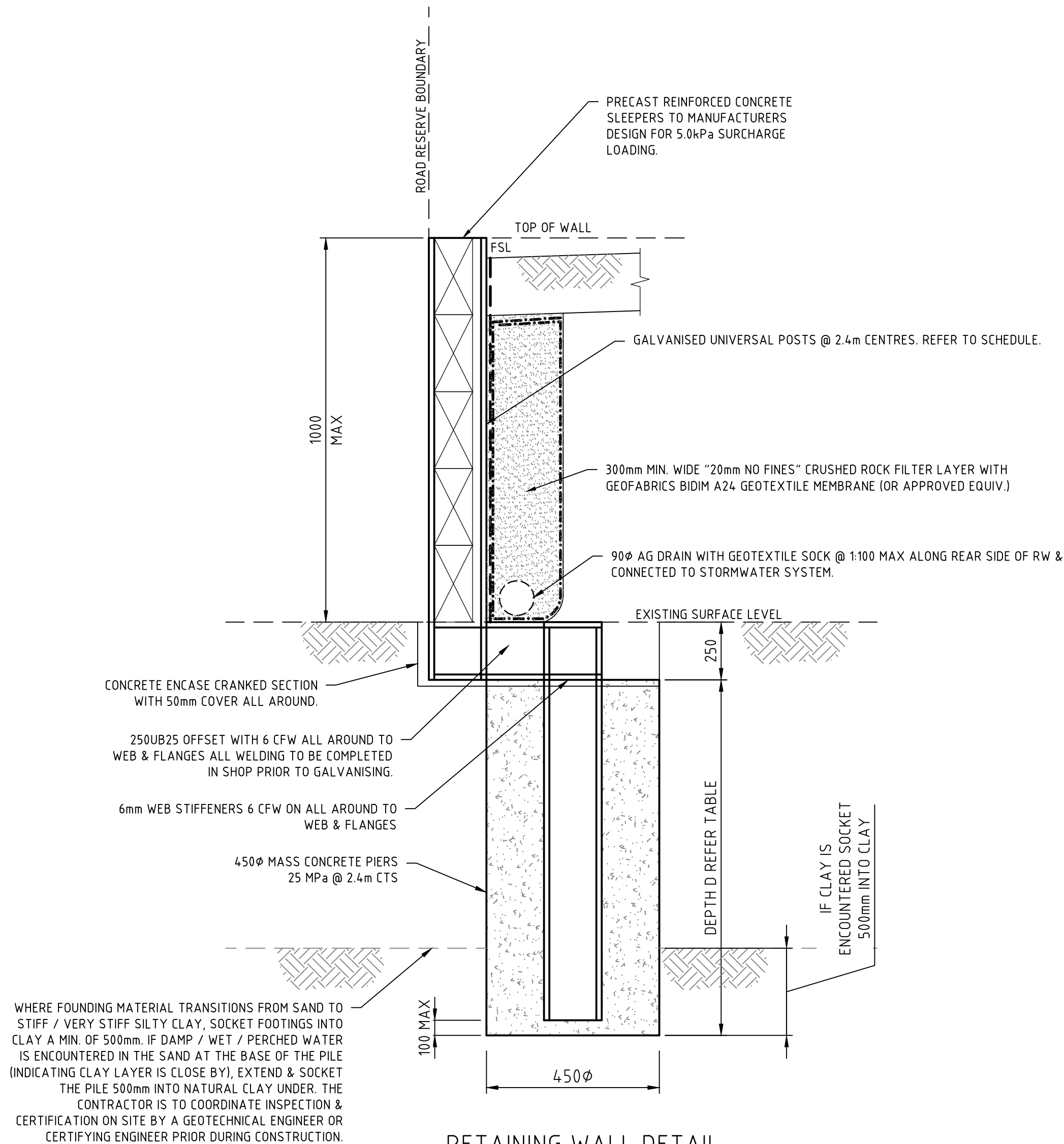
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SCALE 1:500 @ A1	MUNICIPALITY MITCHELL SHIRE COUNCIL

PROJECT BROADSTEAD - STAGE 02	
TITLE EARTHWORKS PLAN (SHEET 2 OF 2)	
PP No. PLP430/22	DRAWING No. 3265-02-151
REVISION C	

ORIGINAL
SIZE
A1



RETAINING WALL DETAIL
(CONCRETE SLEEPER WITH OFFSET FOOTING)
SCALE 1:10 @ A1

RETAINING WALL SCHEDULE (CONCRETE SLEEPER):		
RETAINED HEIGHT H (mm)	DEPTH D (mm)	GALVANISED POST SIZE
200 - 600	900	150 UB 14
601 - 800	1200	150 UB 14
801 - 1000	1500	150 UB 14
1001 - 1200	1800	150 UB 14
1201 - 1400	2100	150 UB 14
1401 - 1600	2400	150 UB 18



A	010724	NT	<i>Basir</i>	<i>Basir</i>	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT

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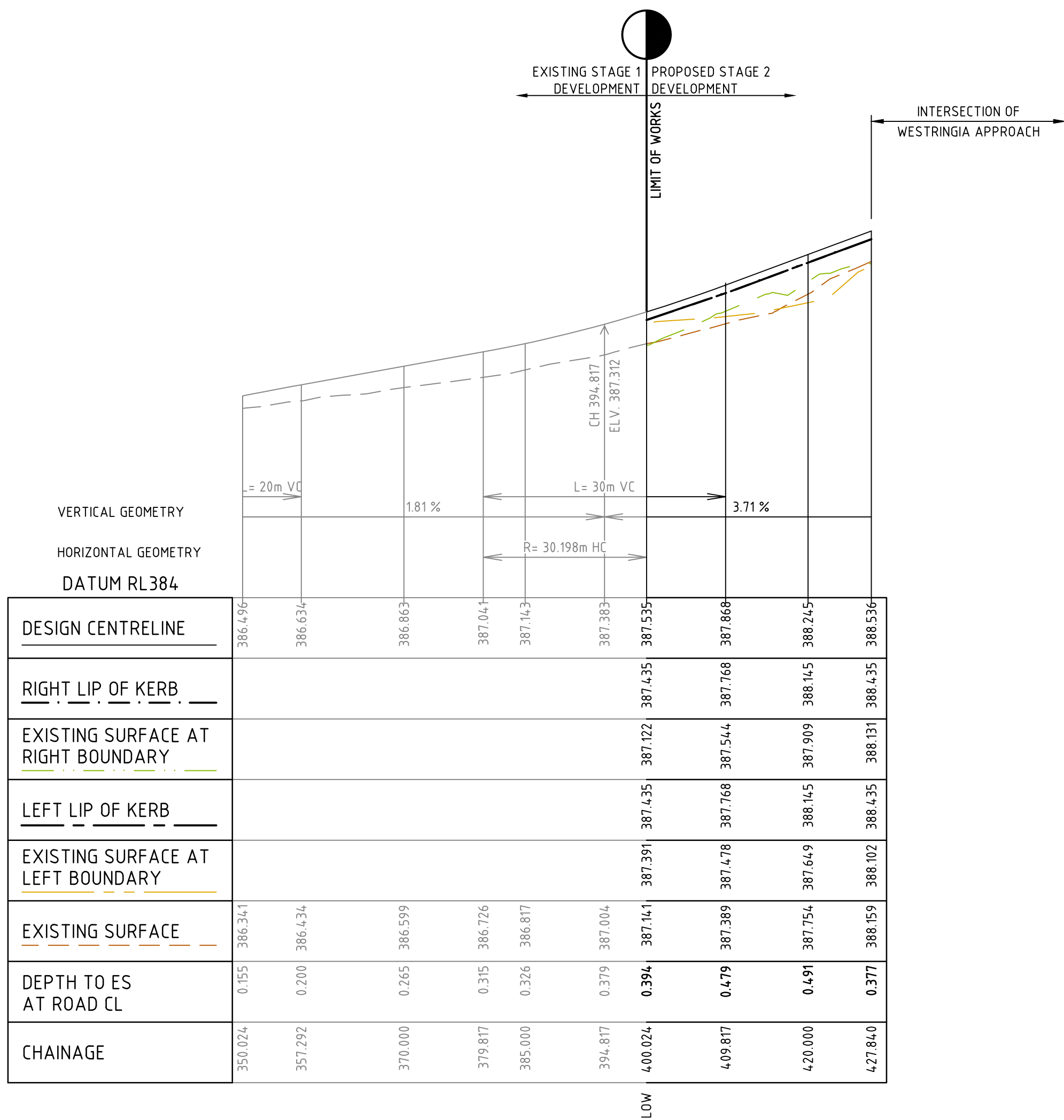
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APPROVED PE 0005549 <i>Basir</i>	DESIGNED A. MAY
SCALE 1:500 @ A1	

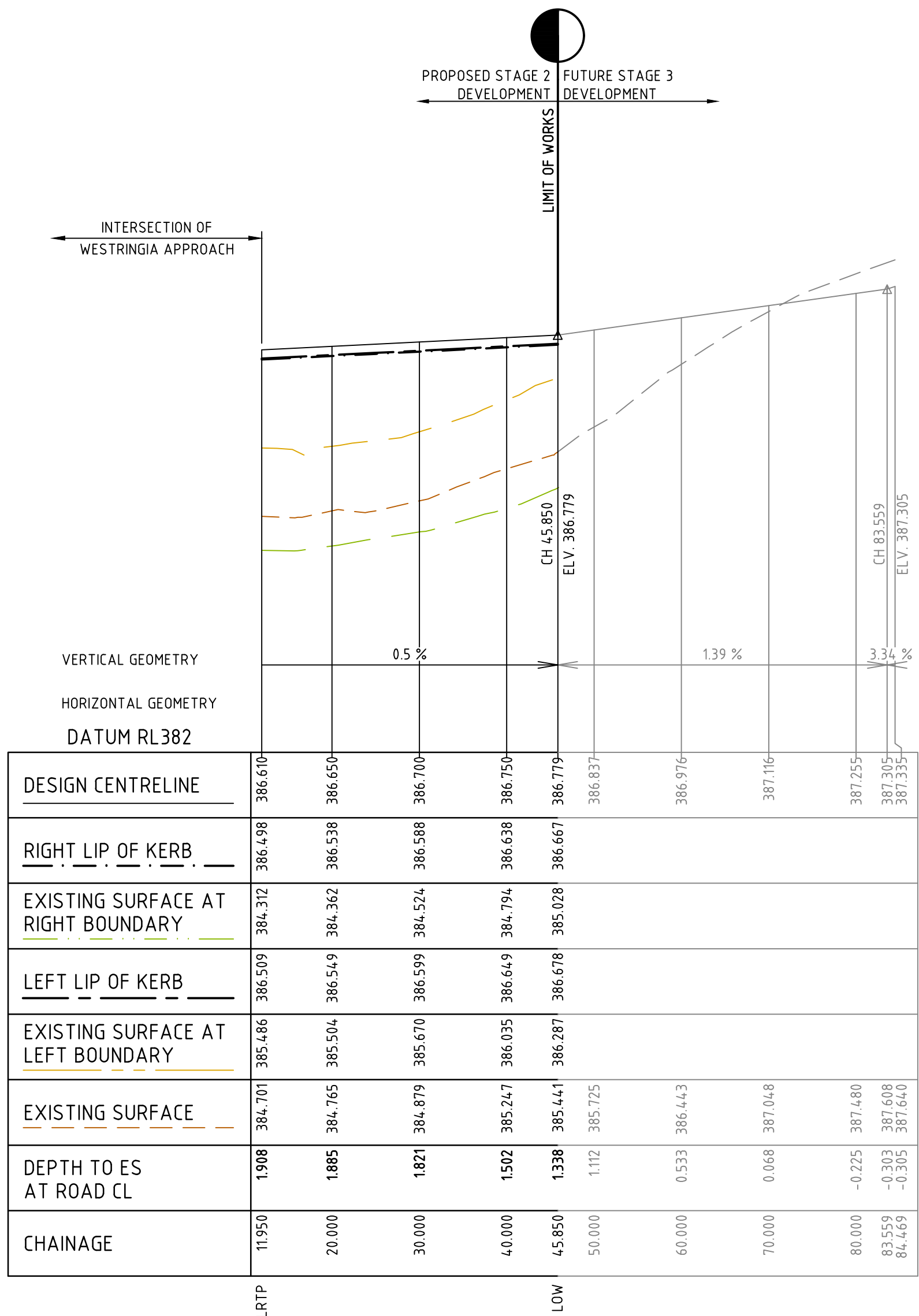
PROJECT BROADSTEAD - STAGE 02	
TITLE RETAINING WALL DETAILS	
MUNICIPALITY MITCHELL SHIRE COUNCIL	
PP No. PLP430/22	DRAWING No. 3265-02-152
REVISION A	

ORIGINAL
SIZE
A1

LEGEND	
DESCRIPTION	LINETYPE
EXISTING SURFACE	-----
DESIGN LINE	————
FUTURE DESIGN LINE	-----
EXISTING SURFACE AT RIGHT BOUNDARY	-----
RIGHT LIP OF KERB	-----
EXISTING SURFACE AT LEFT BOUNDARY	-----
LEFT LIP OF KERB	-----



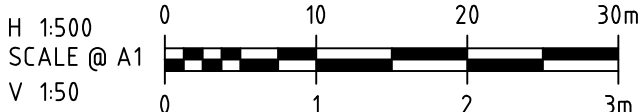
BURSARIA TERRACE LONGITUDINAL SECTION



REED WAY LONGITUDINAL SECTION



B	26.06.24	NT			ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT



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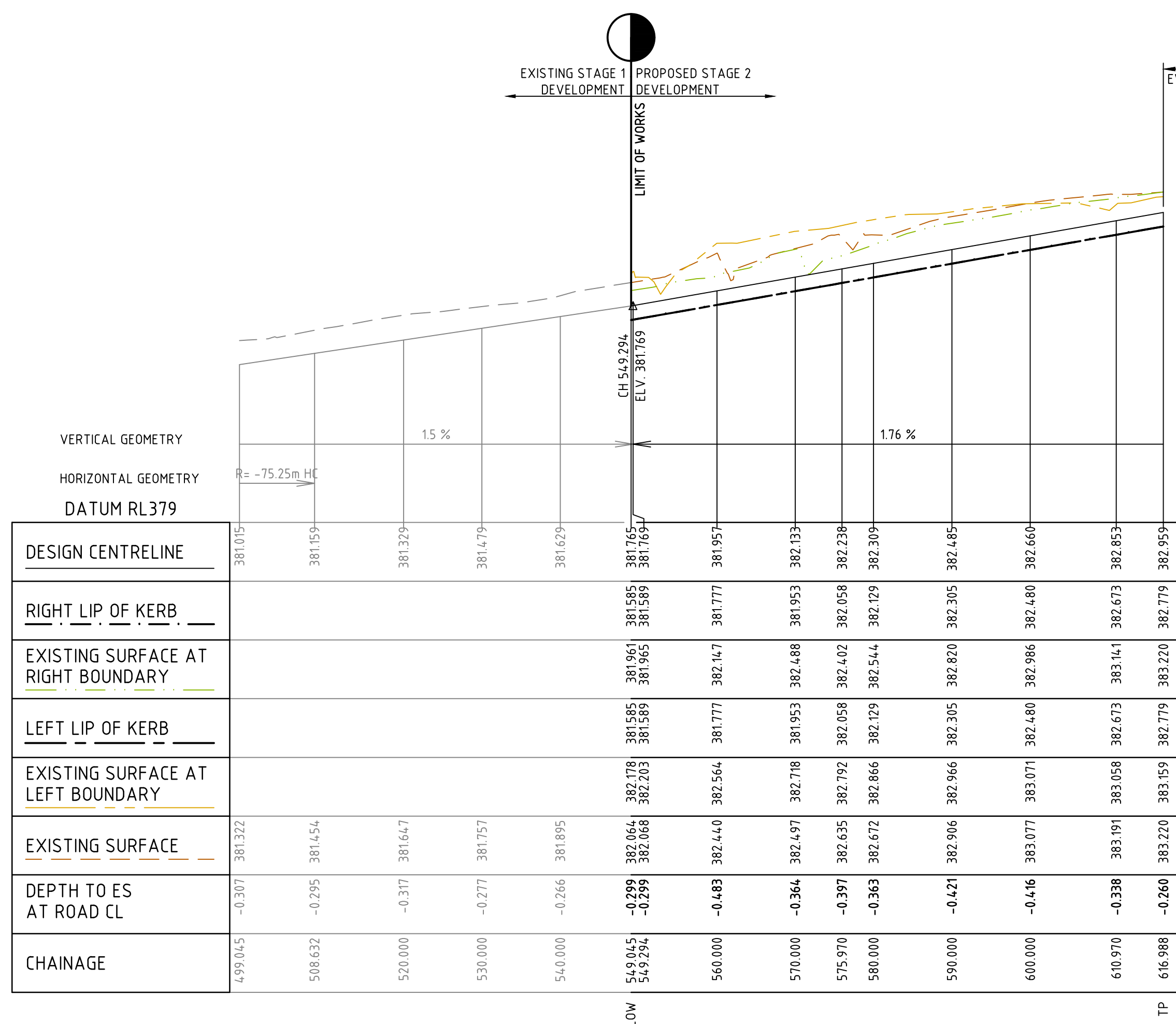


CLIENT JINDING	
APPROVED: PE 0005549 	DESIGNED A. MAY
SCALE H 1:500 V 1:50	

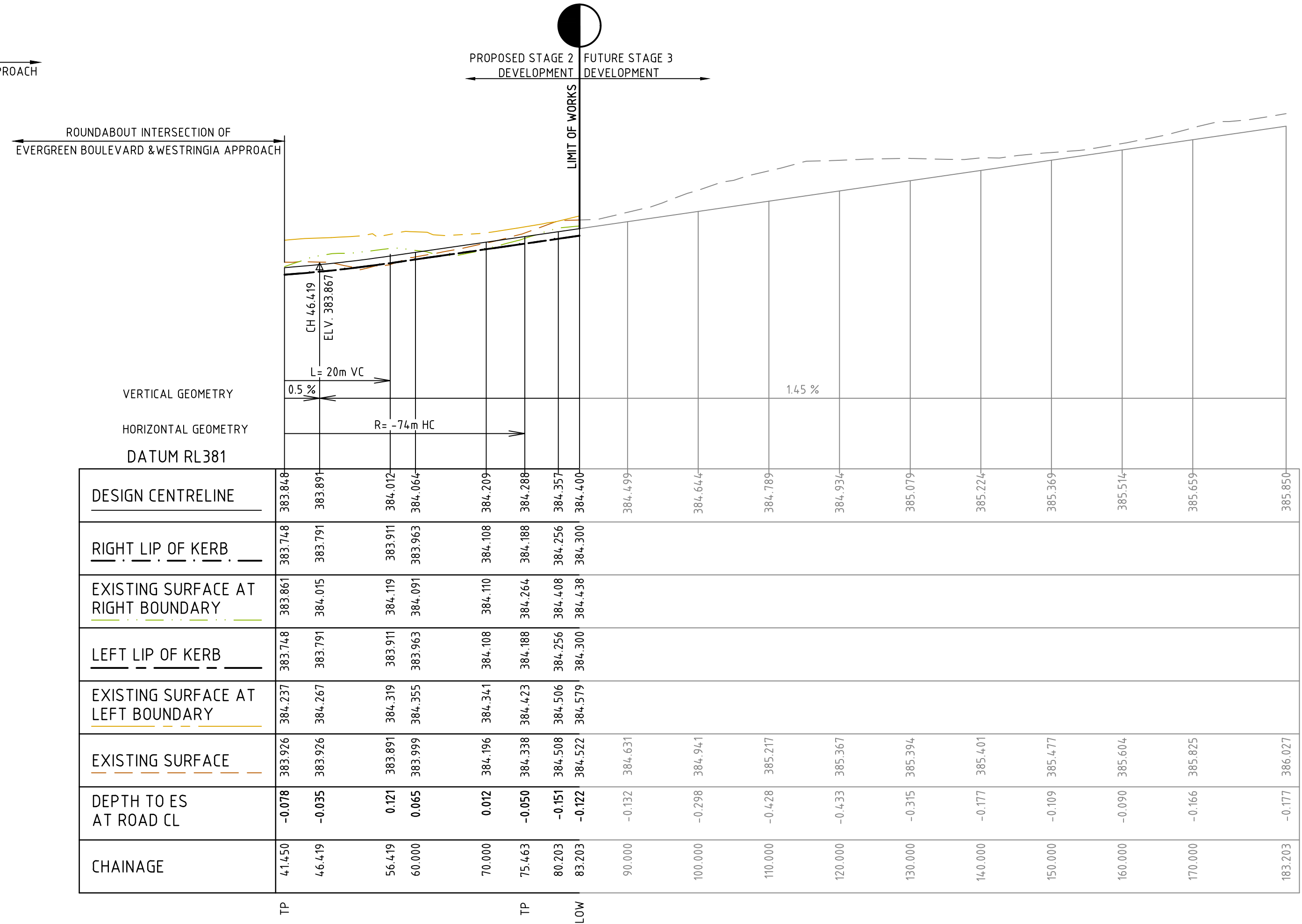
PROJECT BROADSTEAD - STAGE 02	
TITLE ROAD LONGITUDINAL SECTION (SHEET 1 OF 5)	
MUNICIPALITY MITCHELL SHIRE COUNCIL	PP No. PLP430/22
DRAWING No. 3265-02-200	REVISION B

ORIGINAL SIZE
A1

LEGEND	
DESCRIPTION	LINE TYPE
EXISTING SURFACE	
DESIGN LINE	
FUTURE DESIGN LINE	
EXISTING SURFACE AT RIGHT BOUNDARY	
RIGHT LIP OF KERB	
EXISTING SURFACE AT LEFT BOUNDARY	
LEFT LIP OF KERB	



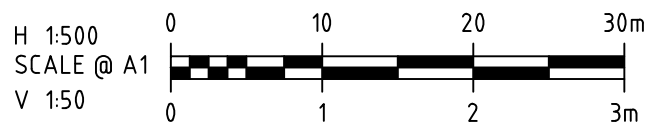
EVERGREEN BOULEVARD LONGITUDINAL SECTION
(WEST OF WESTRINGIA APPROACH)



EVERGREEN BOULEVARD LONGITUDINAL SECTION
(EAST OF WESTRINGIA APPROACH)



B	26.06.24	NT		ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK INITIAL ISSUE
REV	DATE	DRN	CKD	APP
				AMENDMENT



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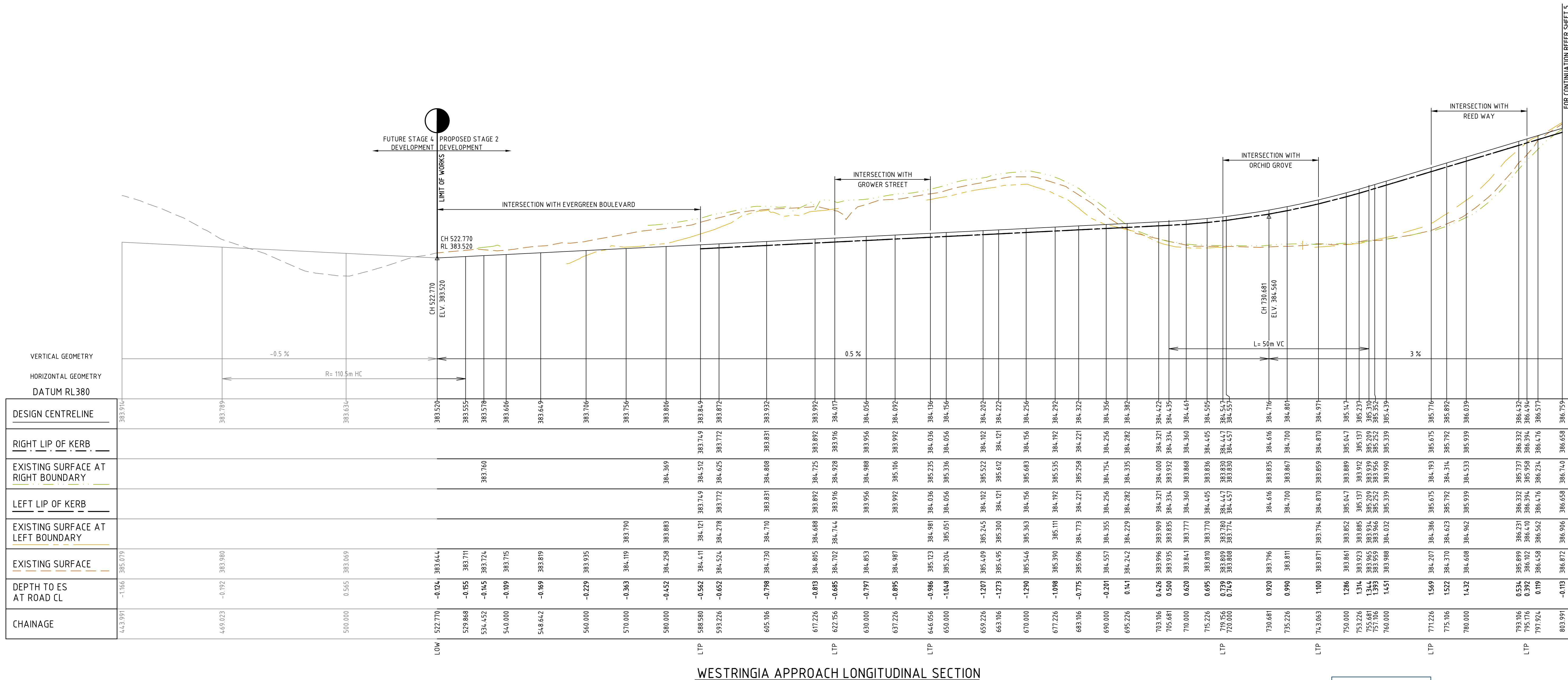


CLIENT		PROJECT	
		BROADSTEAD - STAGE 02	
		TITLE	
APPROVED-PE 0005549		ROAD LONGITUDINAL SECTION (SHEET 2 OF 5)	
DESIGNED A. MAY		MUNICIPALITY MITCHELL SHIRE COUNCIL	
SCALE H 1:500 V 1:50		PP No. PLP430/22	DRAWING No. 3265-02-201
		REVISION B	

ORIGINAL
SIZE

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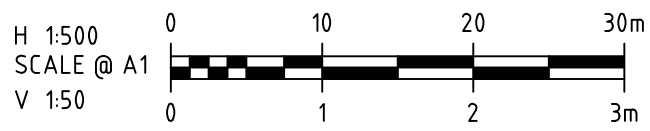
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DESCRIPTION	LINE TYPE
EXISTING SURFACE	
DESIGN LINE	
FUTURE DESIGN LINE	
EXISTING SURFACE AT RIGHT BOUNDARY	
RIGHT LIP OF KERB	
EXISTING SURFACE AT LEFT BOUNDARY	
LEFT LIP OF KERB	



WESTRINGIA APPROACH LONGITUDINAL SECTION



B	26.06.24	NT		ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK INITIAL ISSUE
REV	DATE	DRN	CKD	APP
				AMENDMENT

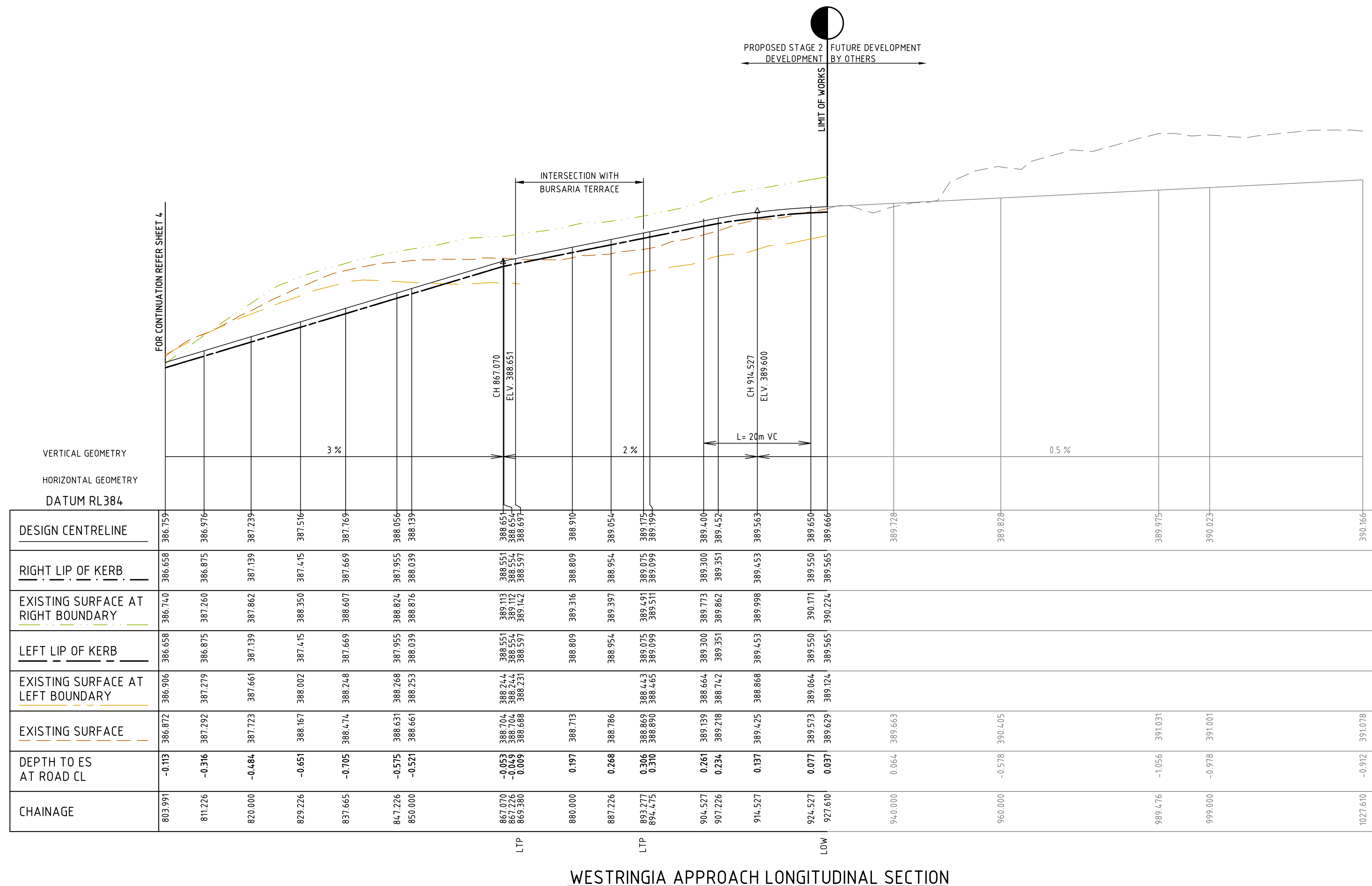


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CLIENT		PROJECT	
		BROADSTEAD - STAGE 02	
APPROVED: PE 0005549		TITLE	
		ROAD LONGITUDINAL SECTION (SHEET 4 OF 5)	
DESIGNED		MUNICIPALITY	
A. MAY		MITCHELL SHIRE COUNCIL	
SCALE	PP No.	DRAWING No.	REVISION
H 1:500 V 1:50	PLP430/22	3265-02-203	B

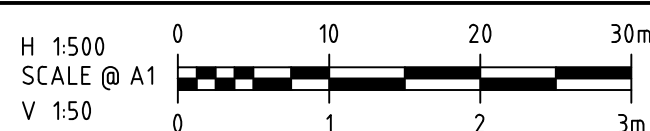
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DESCRIPTION	LINE TYPE
EXISTING SURFACE	
DESIGN LINE	
FUTURE DESIGN LINE	
EXISTING SURFACE AT RIGHT BOUNDARY	
RIGHT LIP OF KERB	
EXISTING SURFACE AT LEFT BOUNDARY	
LEFT LIP OF KERB	



WESTRINGIA APPROACH LONGITUDINAL SECTION



B	26.06.24	NT			ISSUED FOR APPROVAL
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REV	DATE	DRN	CKD	APP	AMENDMENT



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E Melbourne.Reception@cosweb.com.au

CLIENT



APPROVED: PE 0005549

DESIGNED	
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SCALE
0 1 500 V 1 50

PROJECT	BROADSTEAD - STAGE 02
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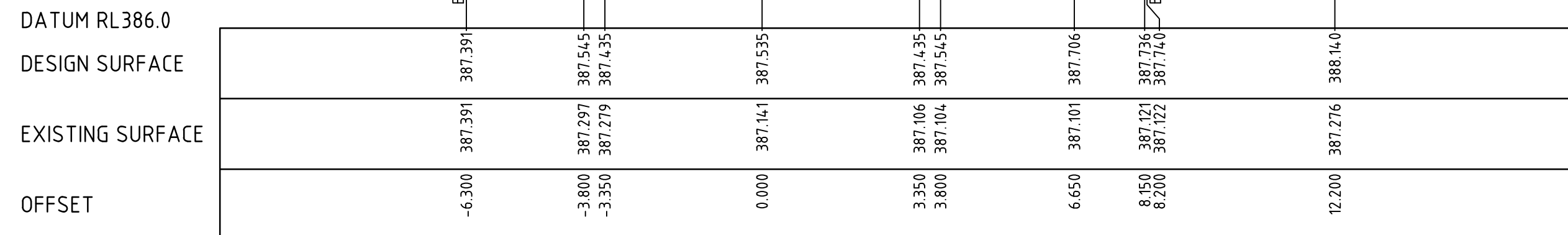
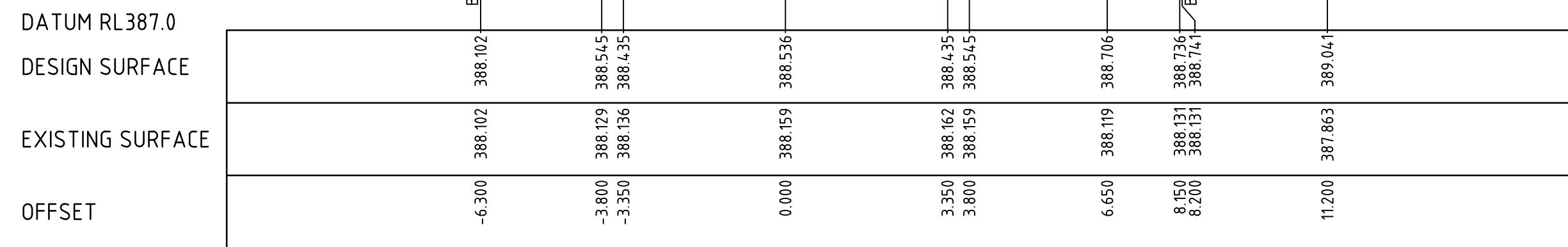
TITLE	ROAD LONGITUDINAL SECTION (SHEET 5 OF
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5)
MUNICIPALITY MITCHELL SHIRE COUNCIL

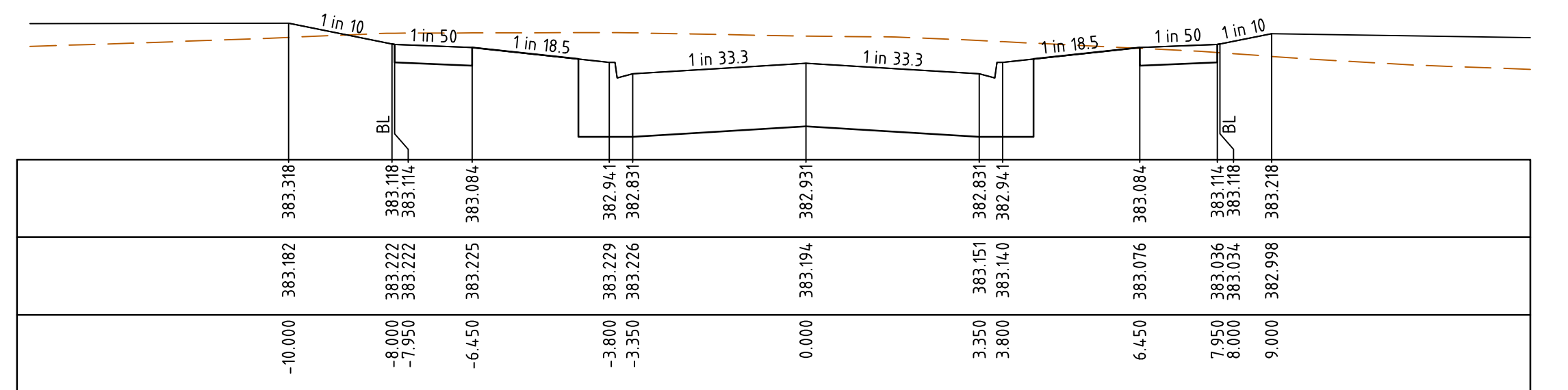
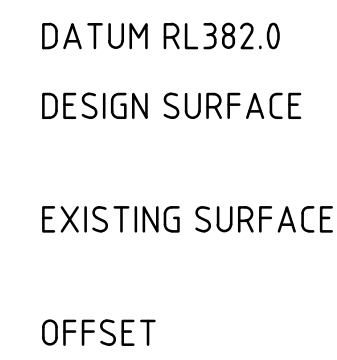
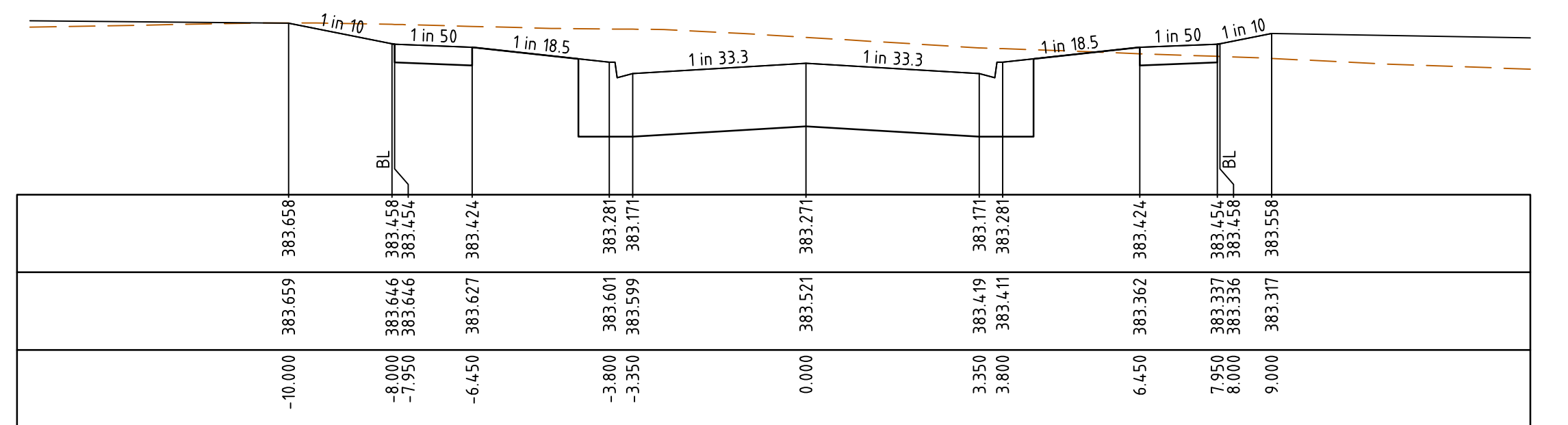
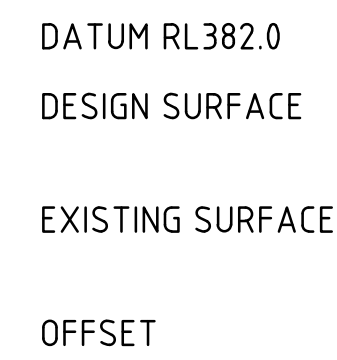
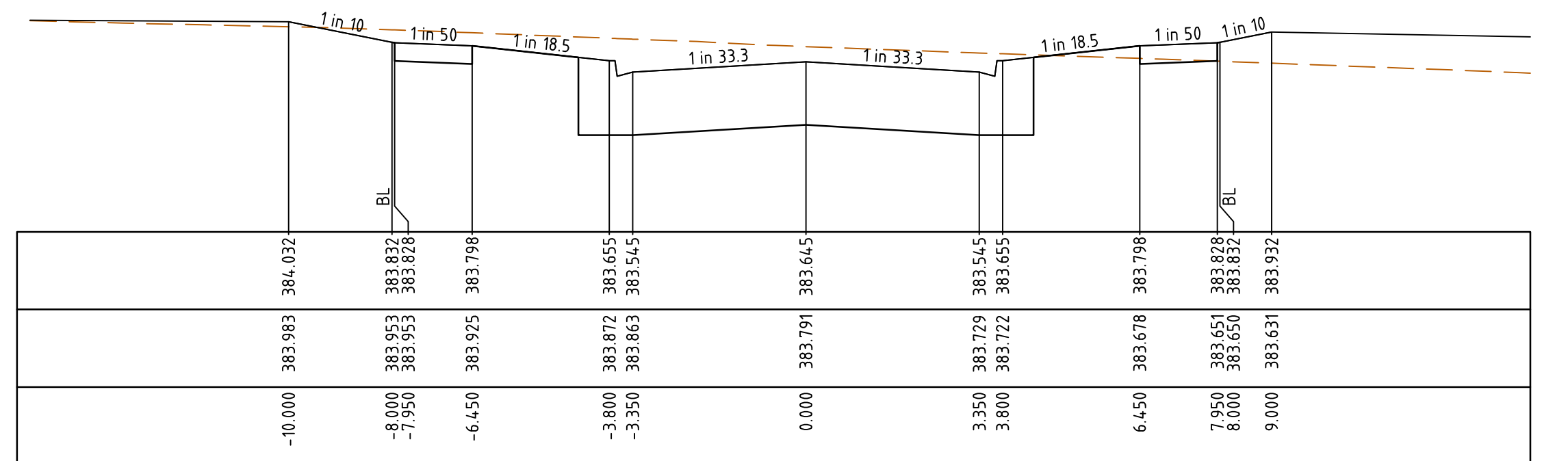
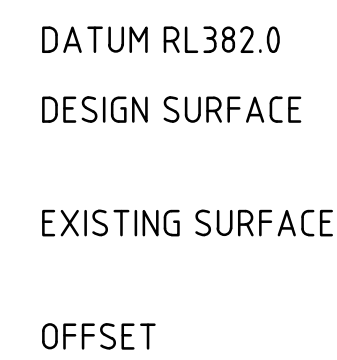
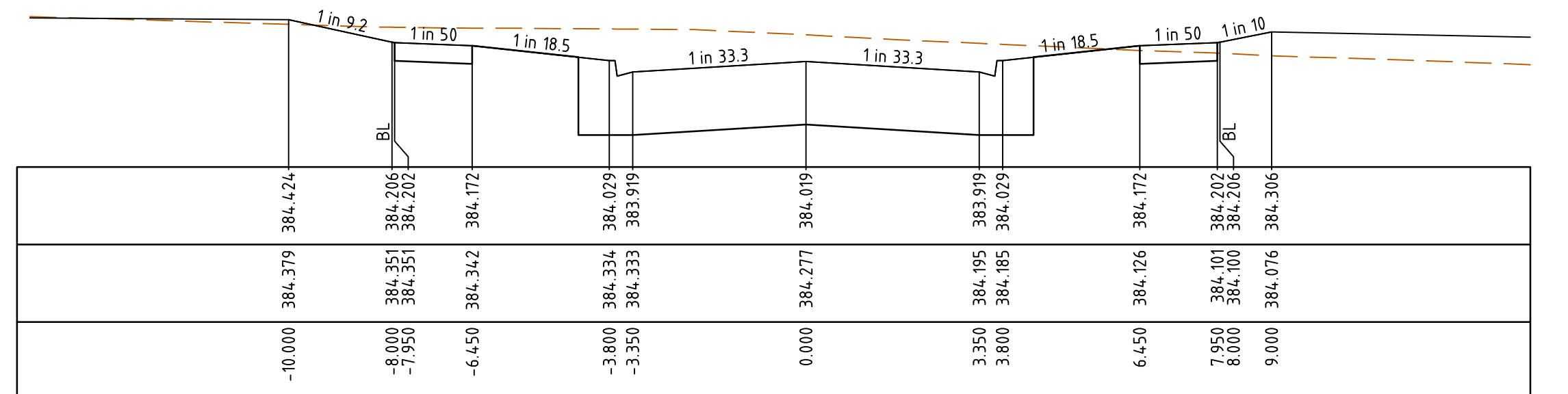
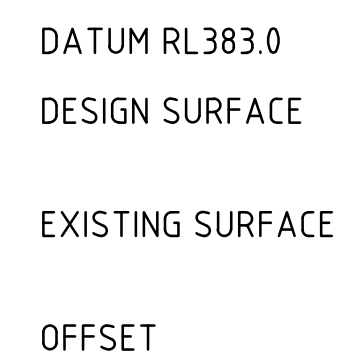
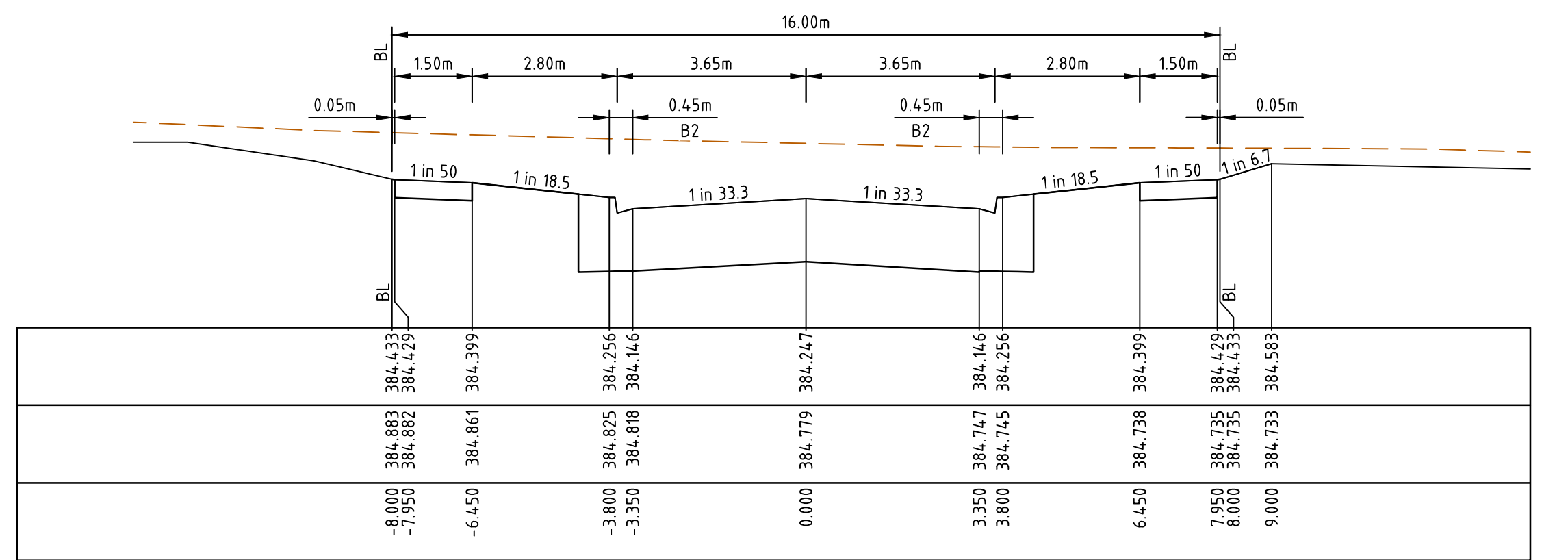
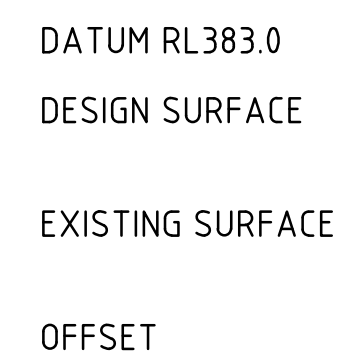
PP No. P1 P430/22

DRAWING No. 3265-02-204

ORIGINAL
SIZE

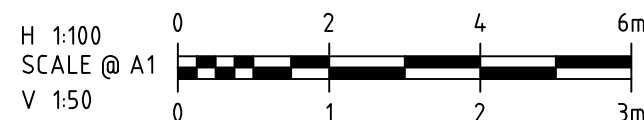


(LIMIT OF WORKS)



LIMIT OF WORKS)

B	26.06.24	NT	<i>[Signature]</i>	<i>[Signature]</i>	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	OKD	APP	AMENDMENT



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JINDING

Ejmer

A. MAY
SCALE

TITLE	ROAD CROSS SECTIONS (SHEET 1 OF 7)
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PP No.	DI D/30/22
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DRAWING No.	326E 02 250
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ORIGINAL SIZE	A1
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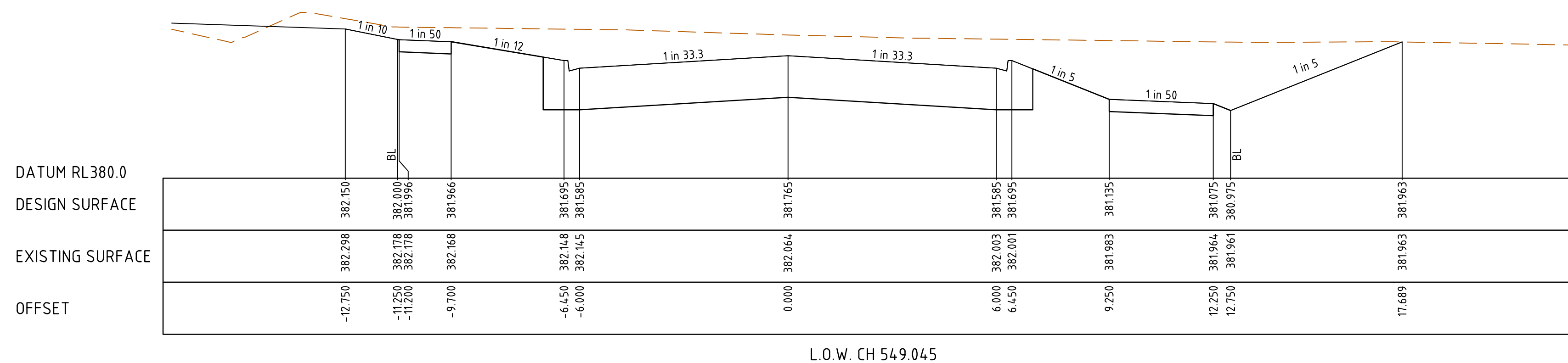
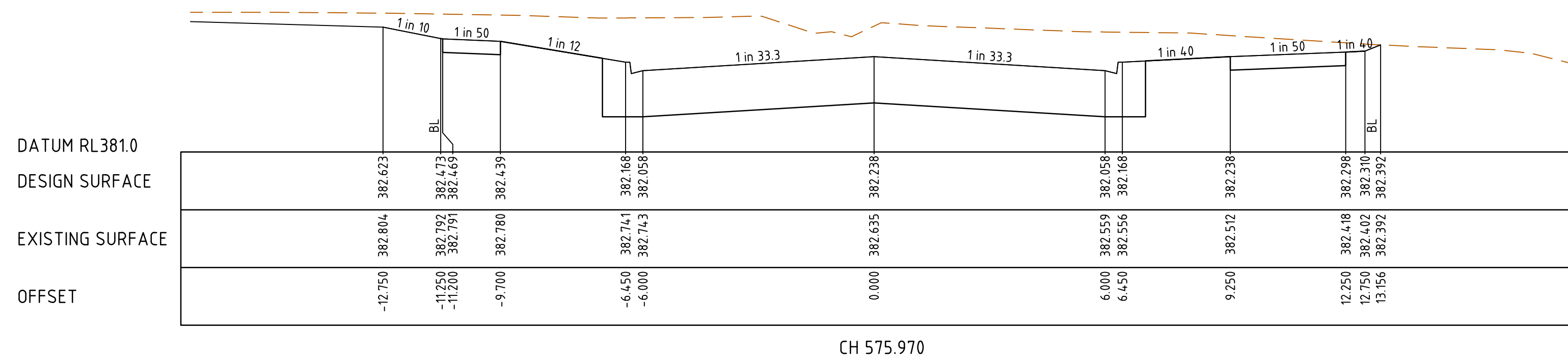
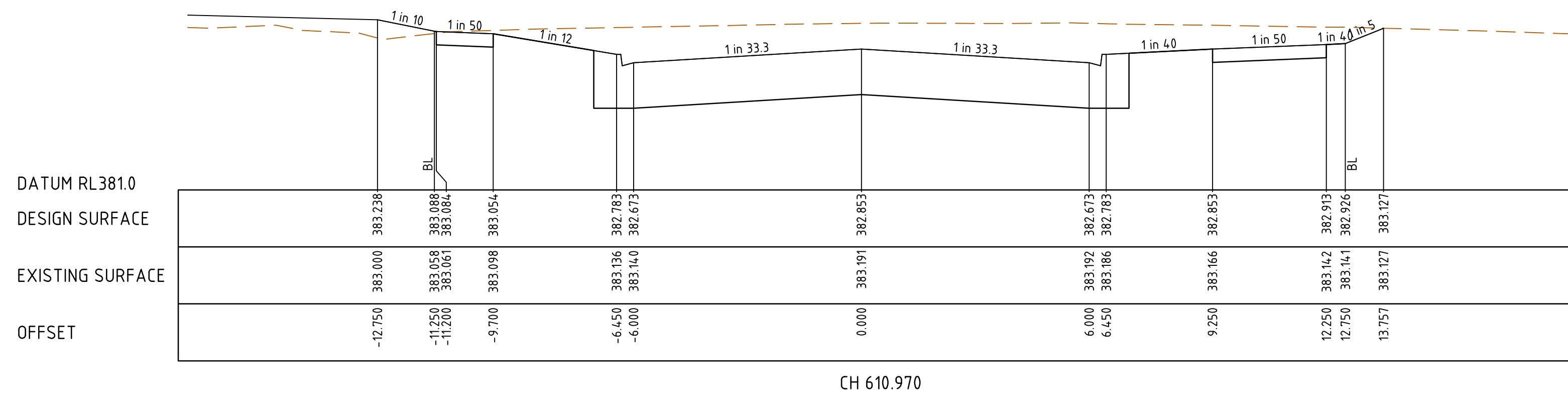
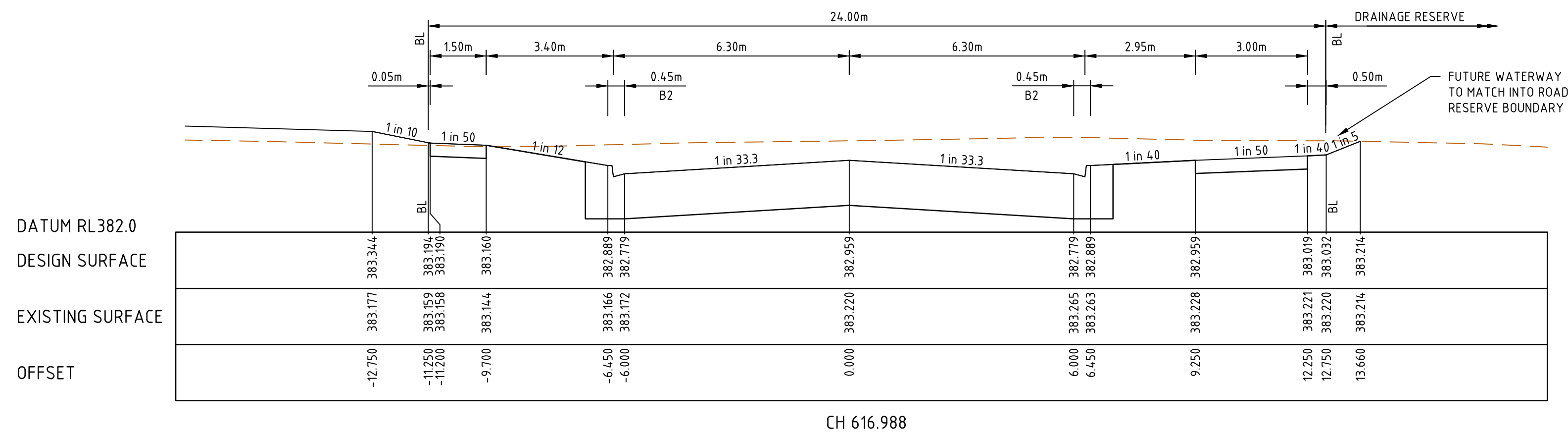
INTERFACE WITH WATERWAY SUBJECT TO
UPDATED DESIGN FROM AFFLUX
CONSULTING

LEGEND

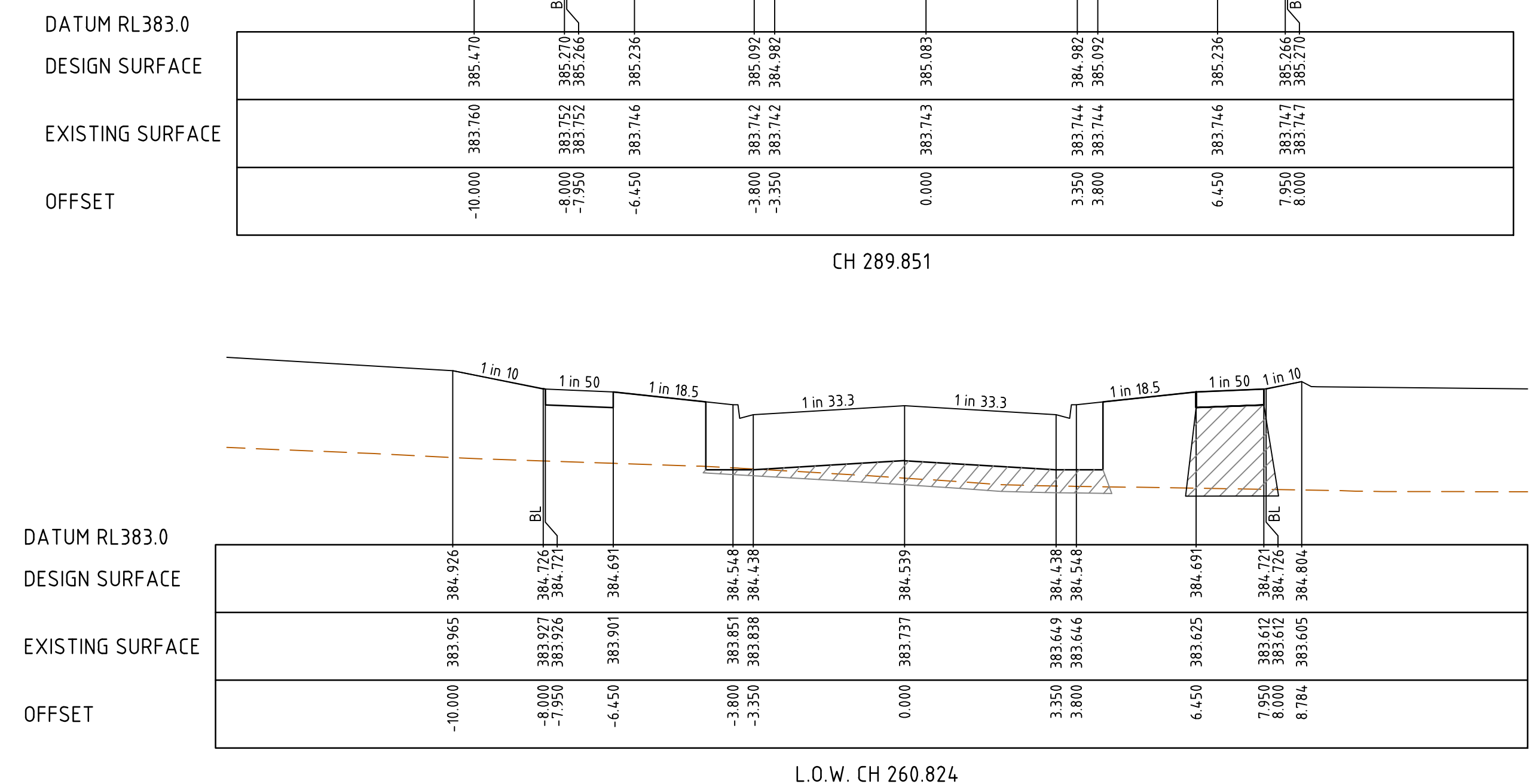
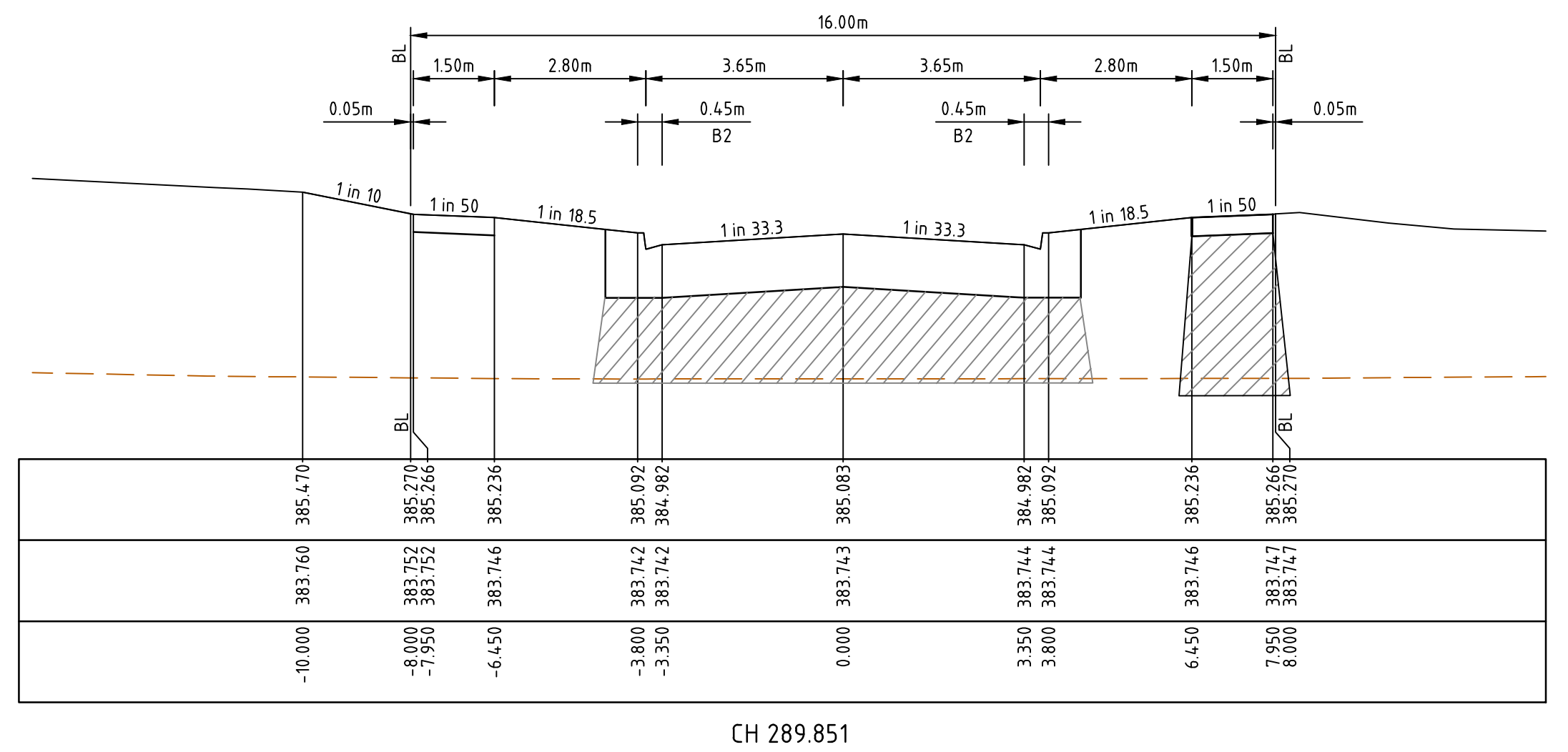
TESTING SURFACE

IGN SURFACE

COMPACTED STRUCTURAL FILL
ACCORDANCE WITH THE
RELEVANT SPECIFICATION

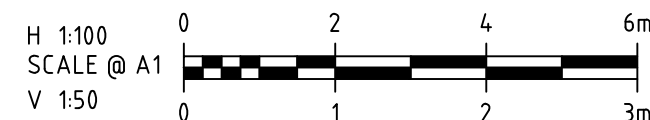


EVERGREEN BOULEVARD – ROAD CROSS SECTIONS



ORCHID GROVE - ROAD CROSS SECTIONS

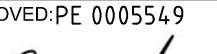
B	26.06.24	NT			ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	OKD	APP	AMENDMENT



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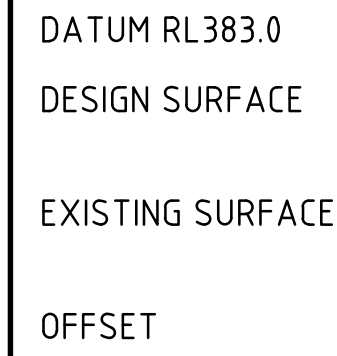
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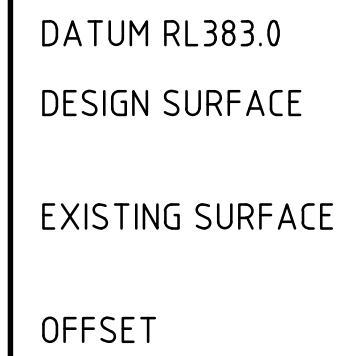
CLIENT		 JINDING	
APPROVED: PE 0005549 		DESIGNED A. MAY	
		SCALE H 1:100 V 1:50	

PROJECT	BROADSTEAD - STAGE 02			ORIGINAL SIZE A1
TITLE	ROAD CROSS SECTIONS (SHEET 2 OF 7)			
MUNICIPALITY	MITCHELL SHIRE COUNCIL			
PP No.	PLP430/22	DRAWING No.	3265-02-251	

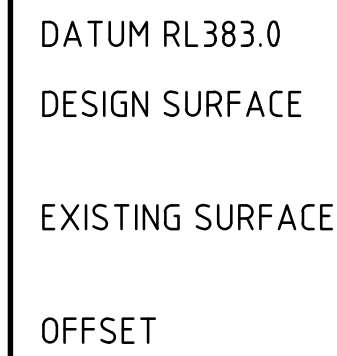
SIZE	AI
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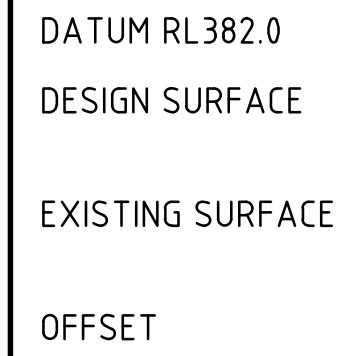
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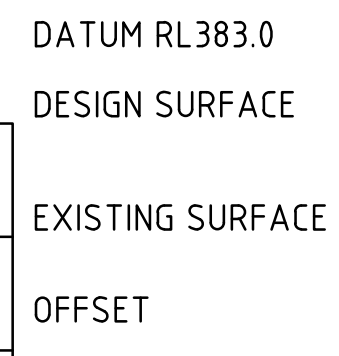
CH 622.156



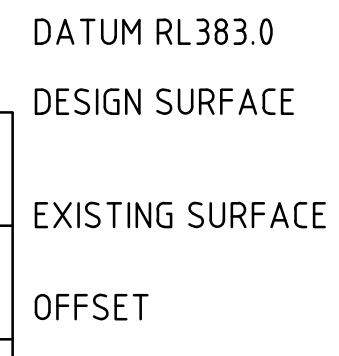
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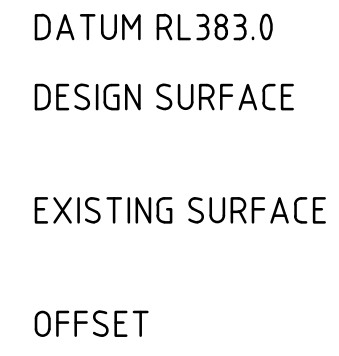
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CH 719.156



CH 703.106



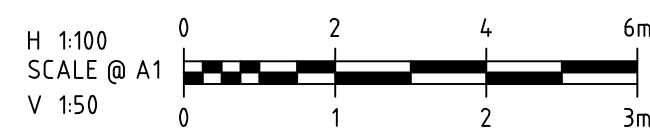
CH 683.106



CH 663.106



WESTRINGIA APPROACH - ROAD CROSS SECTIONS



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E Melbourne.Reception@cosweb.com.au

	CLIENT
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APPROVED:PE 0005549

DESIGNED	
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SCALE
H 1:100 V 1:50

PROJECT	BROADSTEAD - STAGE 02
---------	-----------------------

TITLE	ROAD CROSS SECTIONS (SHEET 3 OF 7)
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MUNICIPALITY MITCHELL SHIRE COUNCIL

PP No. PLP430/22

COUNCIL

DRAWING No. 3265-02-252

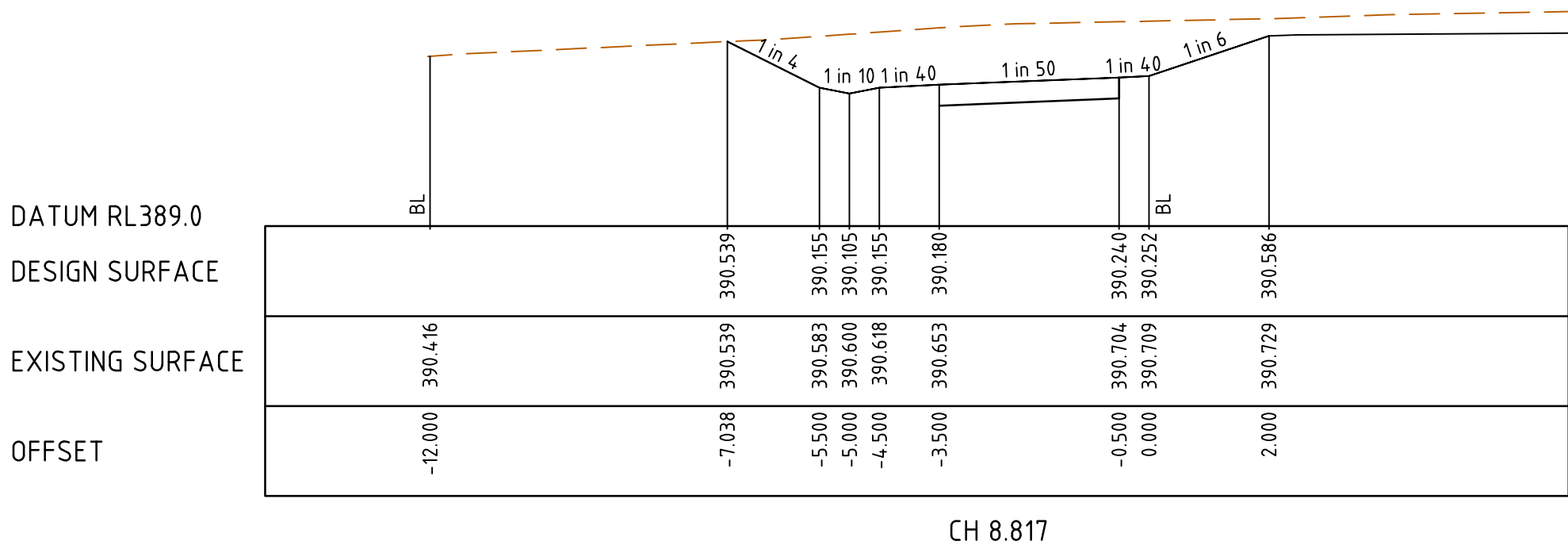
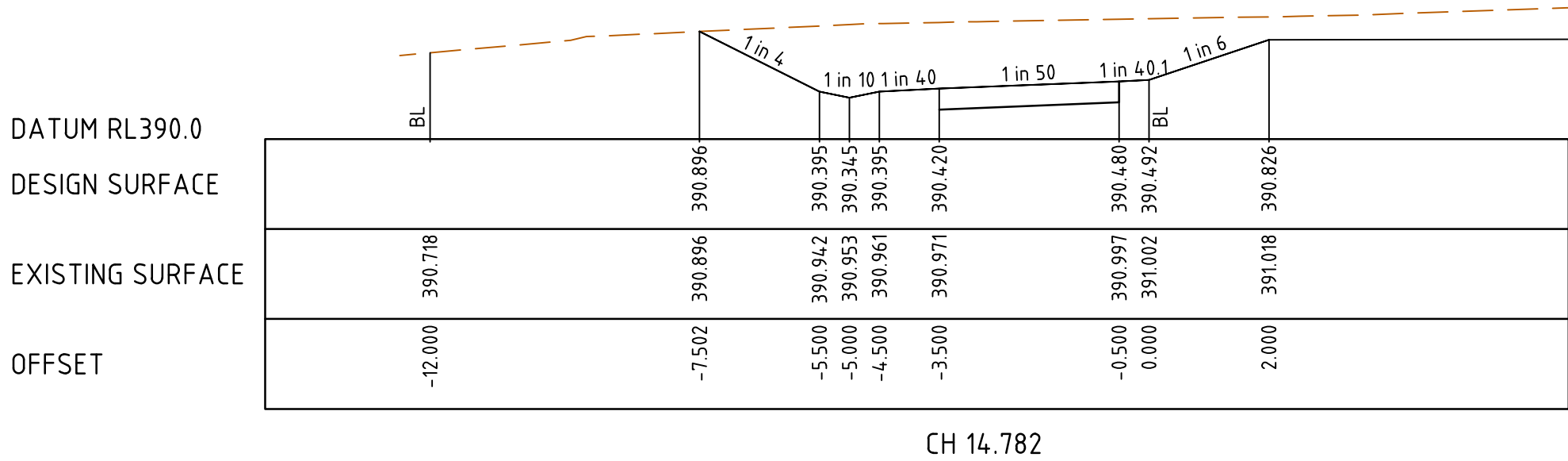
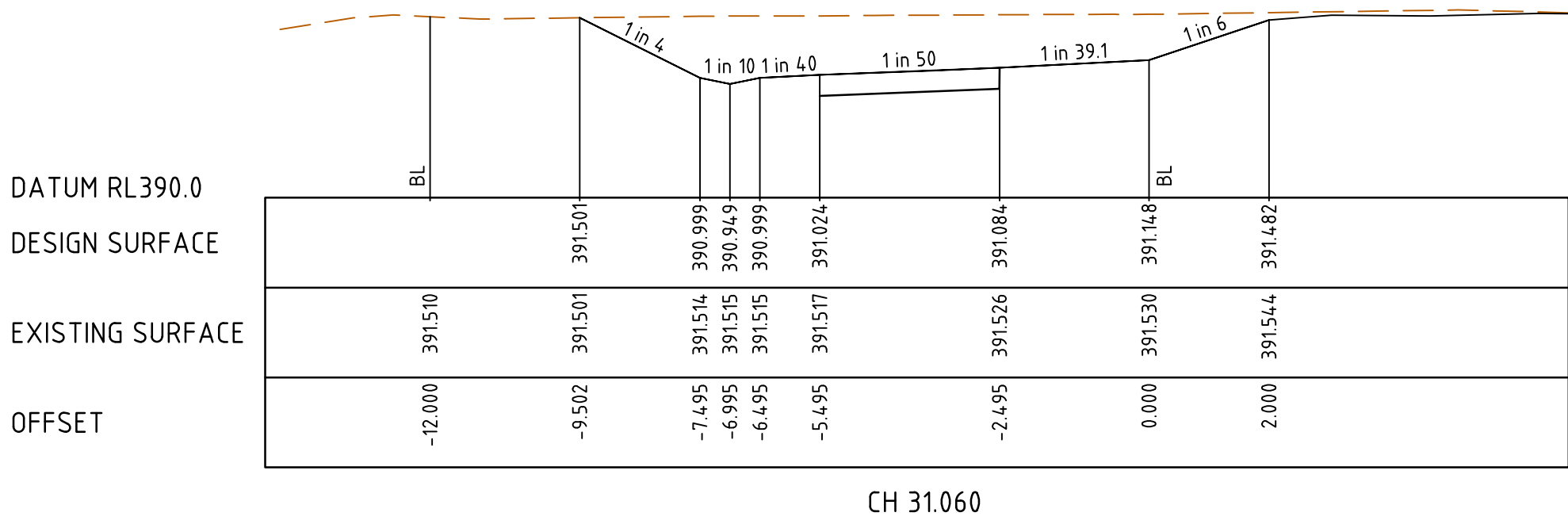
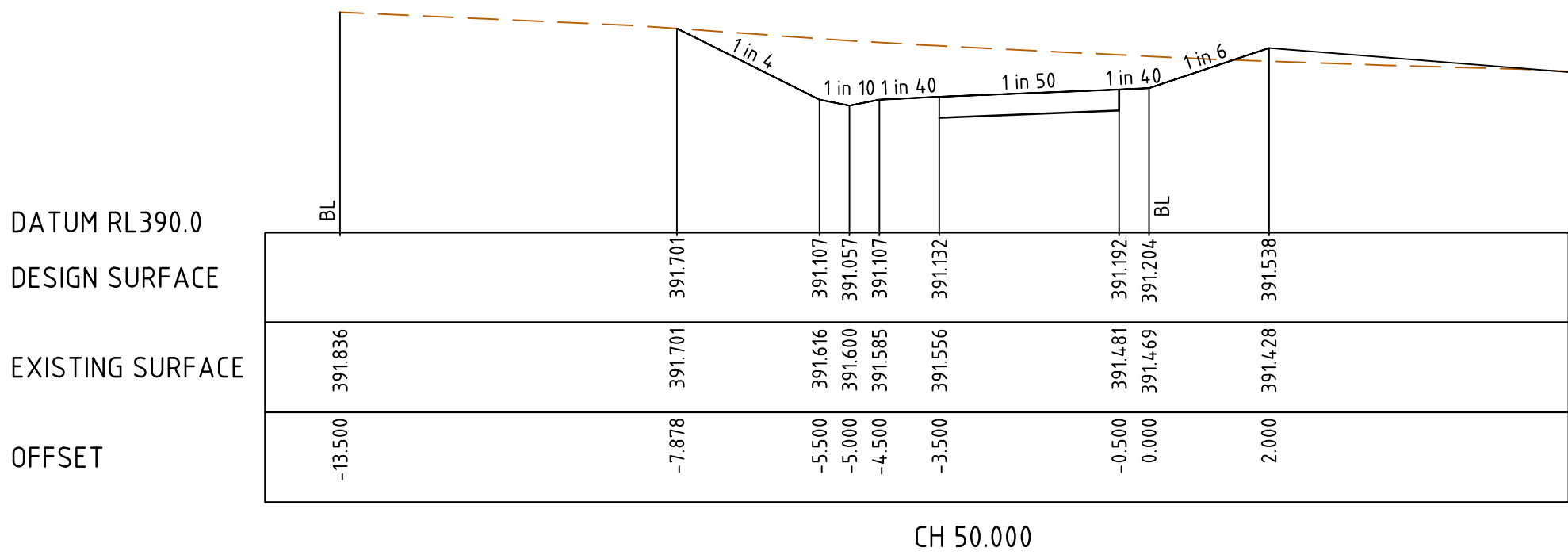
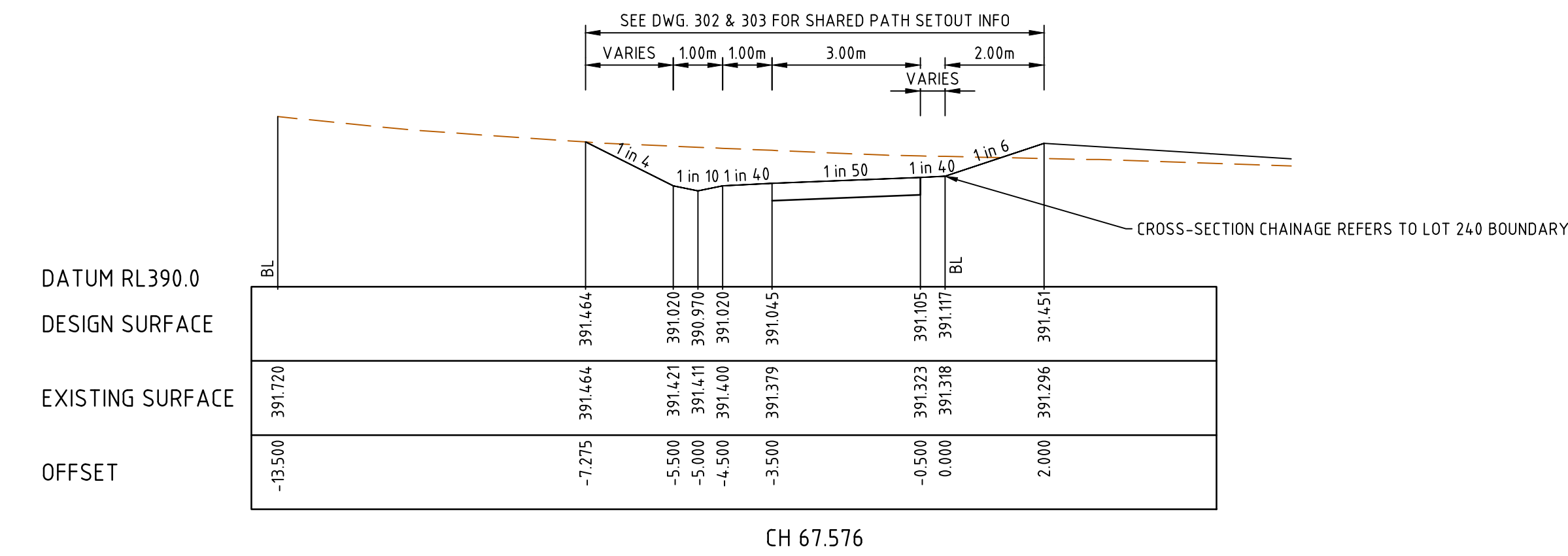
ORIGINAL
SIZE
A1

LEGEND

EXISTING SURFACE

DESIGN SURFACE

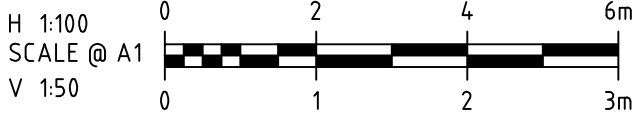
COMPACTED STRUCTURAL FILL
IN ACCORDANCE WITH THE
RELEVANT SPECIFICATION



RESERVE No.2 - SHARED PATH CROSS SECTIONS



C	06.08.24	WS			RESERVE NO.2 SHARED PATH SECTIONS ADDED
B	26.06.24	NT	KCL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT



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JINDING

APPROVED:PE 0005549

DESIGNED

A. MAY

SCALE

H 1:100 V 1:50

PROJECT	BROADSTEAD - STAGE 02		
TITLE	ROAD CROSS SECTIONS (SHEET 4 OF 5)		
MUNICIPALITY	MITCHELL SHIRE COUNCIL		
PP No.	PLP430/22	DRAWING No.	3265-02-253
REVISION	C		

ORIGINAL SIZE
A1

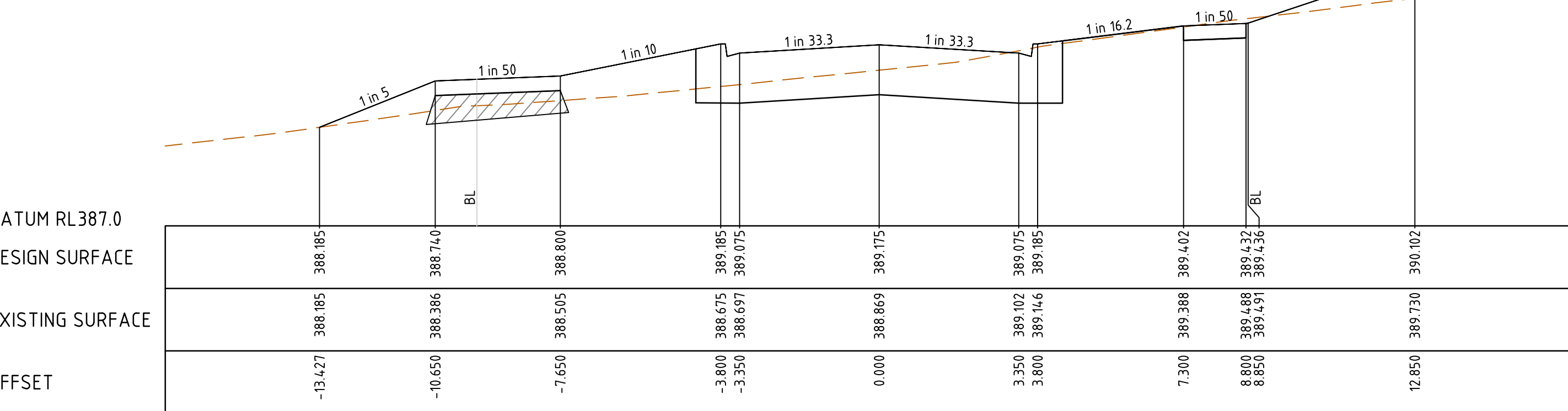
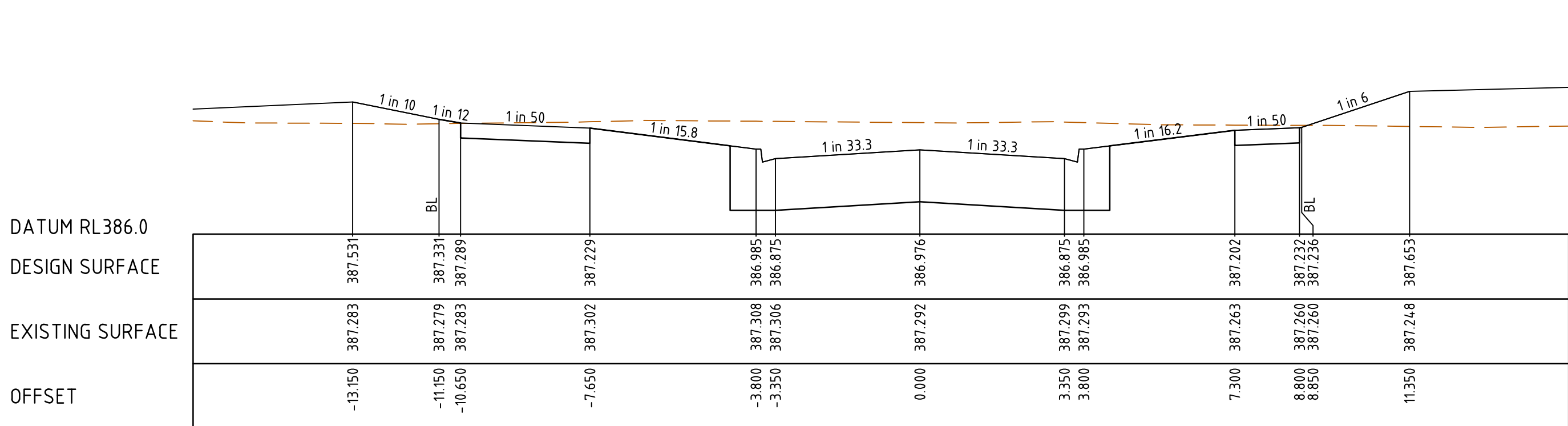
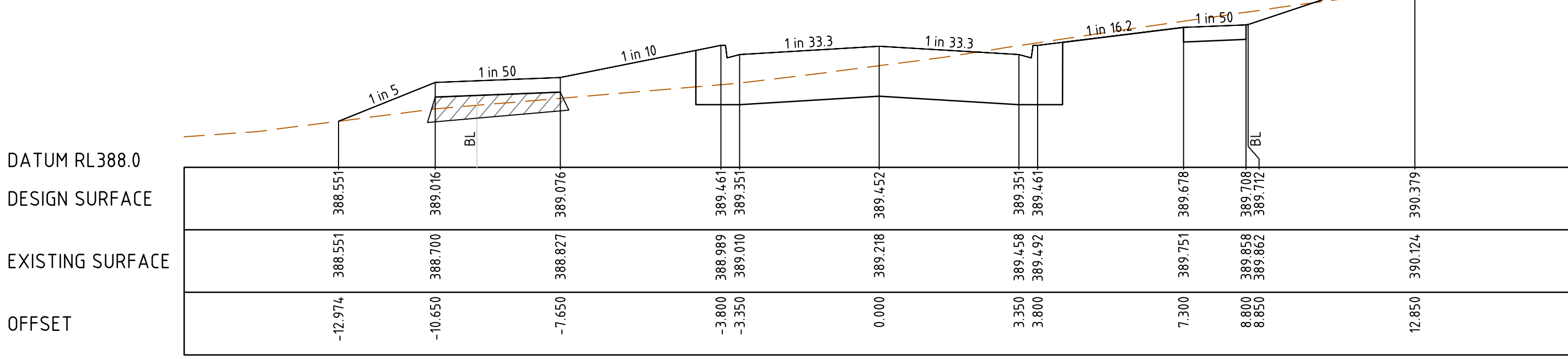
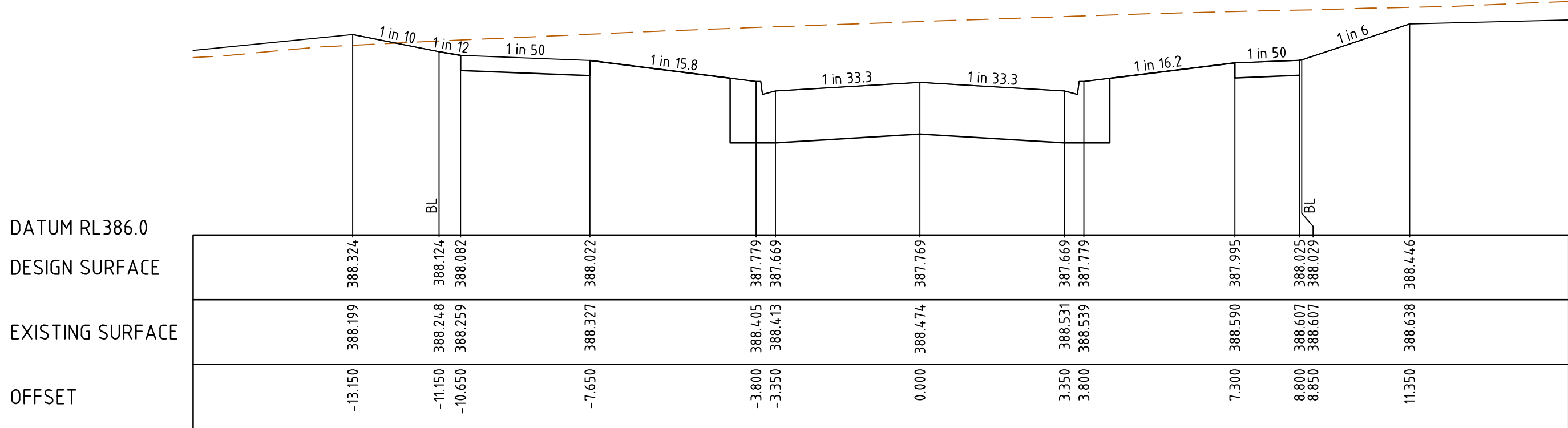
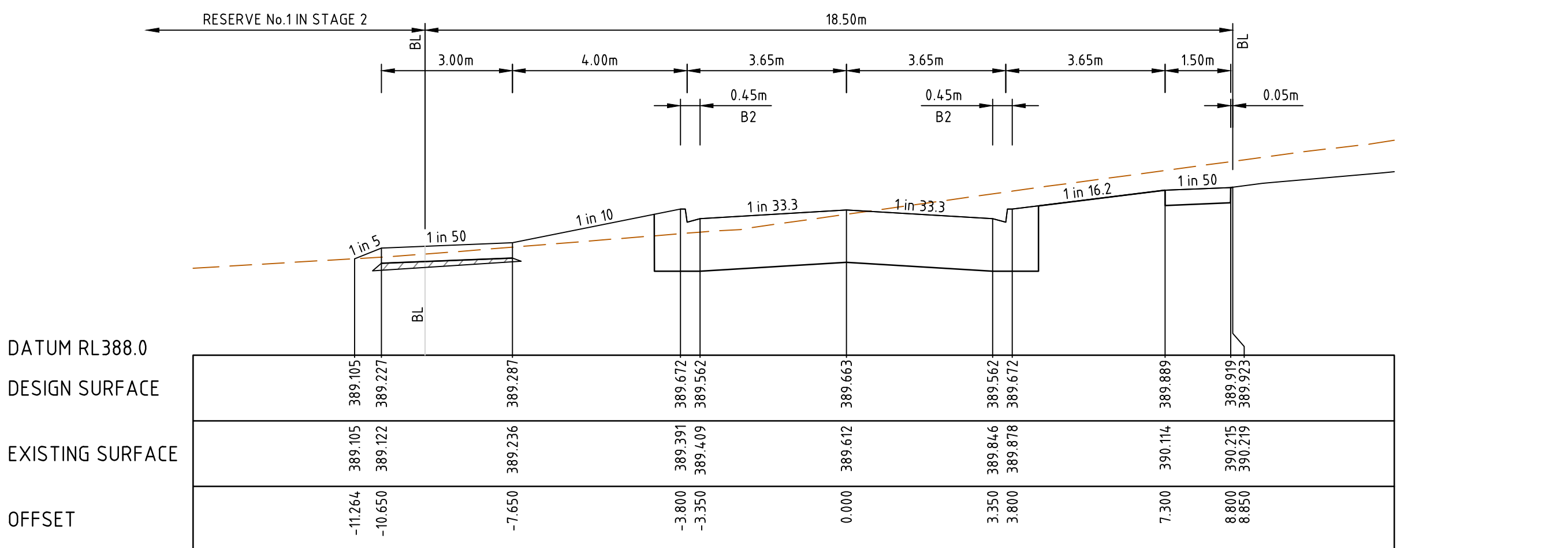
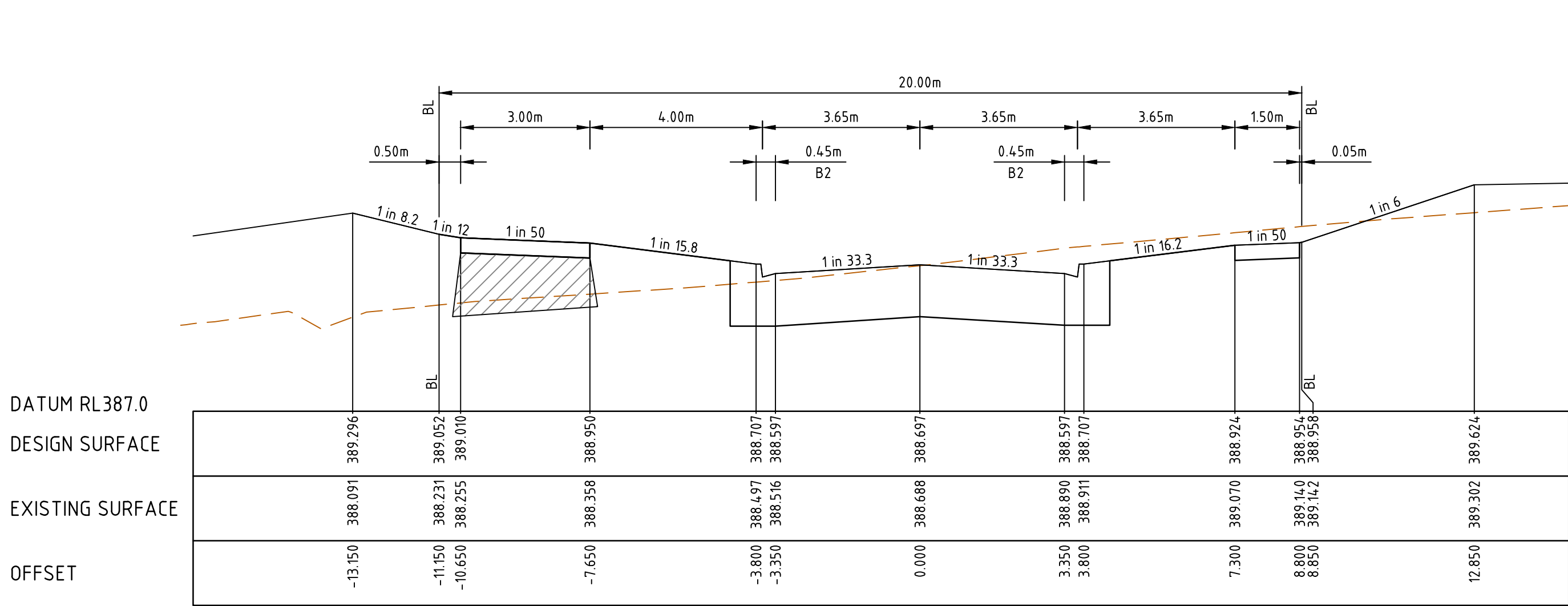
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LEGEND

EXISTING SURFACE

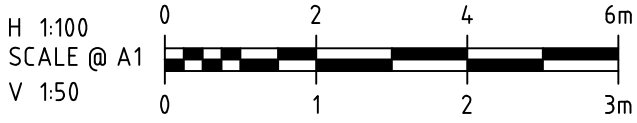
DESIGN SURFACE

COMPACTED STRUCTURAL FILL
IN ACCORDANCE WITH THE
RELEVANT SPECIFICATION



WESTRINGIA APPROACH - ROAD CROSS SECTIONS

C	01.08.24	WS			MODIFIED FOR RESERVE NO.2 FOOTPATH SECTIONS
B	26.06.24	NT	KCL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT



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CLIENT

JINDING

APPROVED: PE 0005549
[Signature]

DESIGNED
C. McDONALD

SCALE
H 1:100 V 1:50

PROJECT
BROADSTEAD - STAGE 02

TITLE
ROAD CROSS SECTIONS (SHEET 5 OF 5)

MUNICIPALITY
MITCHELL SHIRE COUNCIL

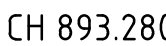
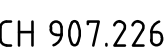
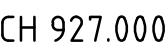
PP No.
PLP430/22

DRAWING No.
3265-02-254

REVISION
C

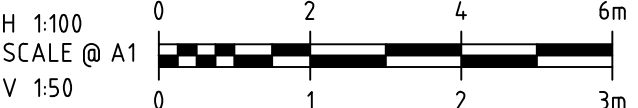
ORIGINAL
SIZE
A1

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WESTRINGIA APPROACH - ROAD CROSS SECTIONS

B	26.06.24	NT		ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK INITIAL ISSUE
REV	DATE	DRN	CKD	APP
				AMENDMENT

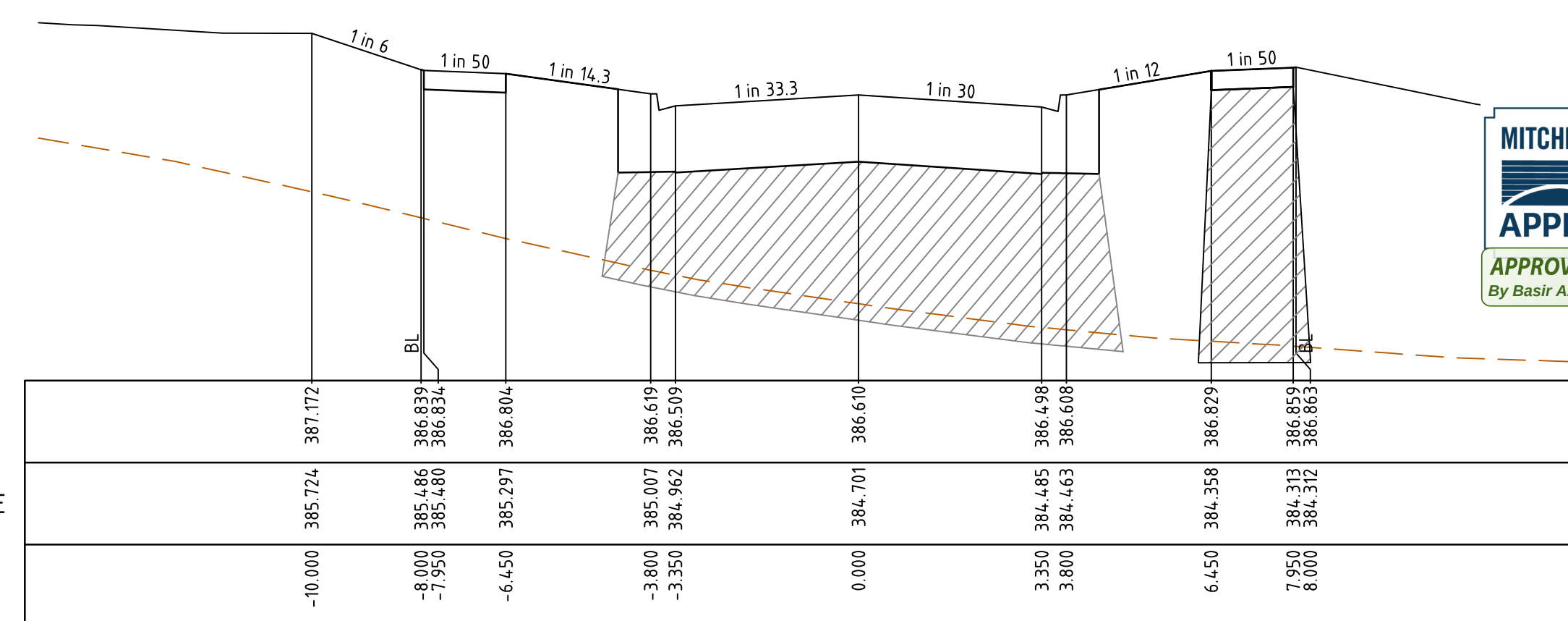
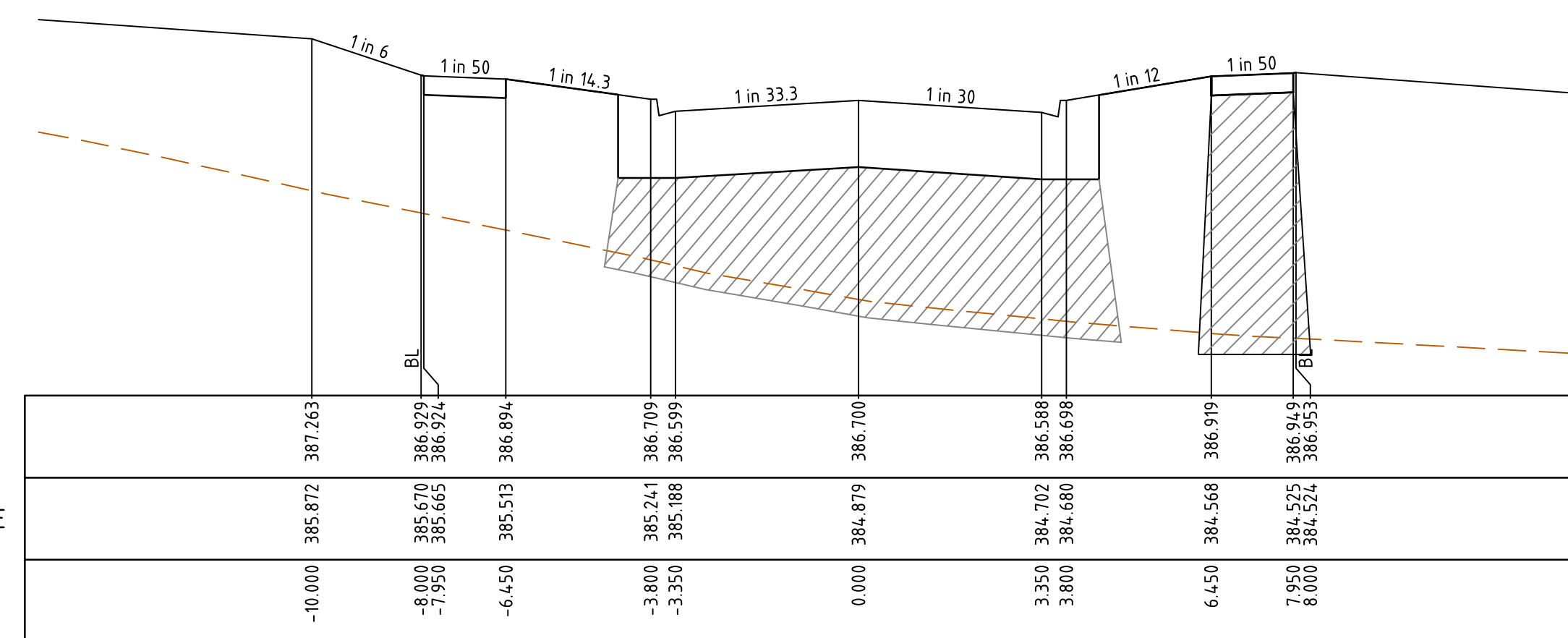
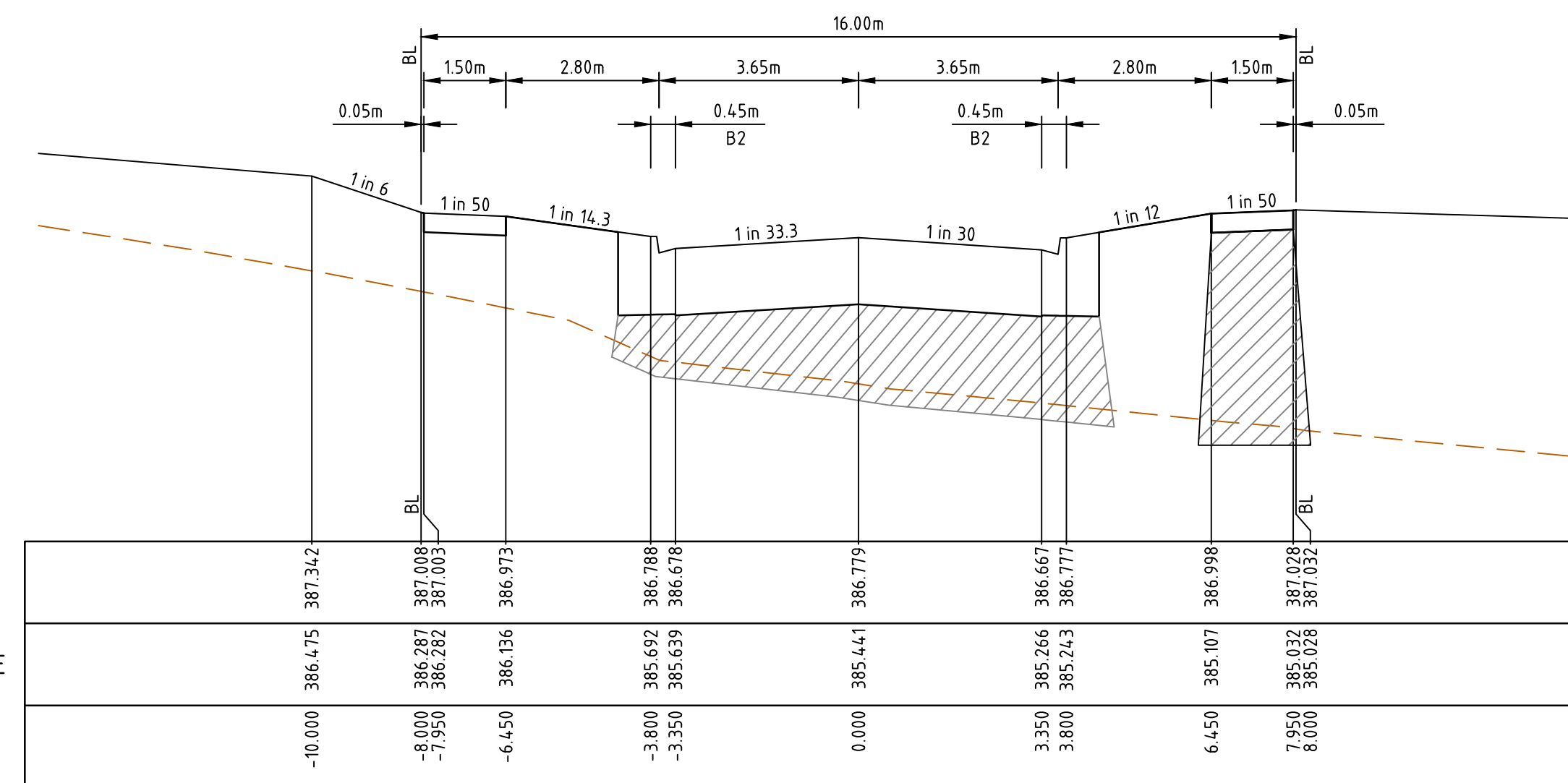
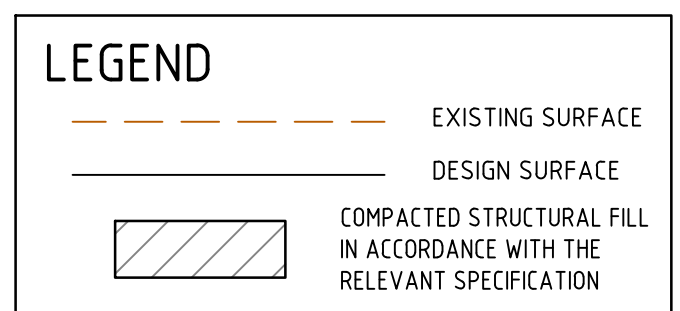
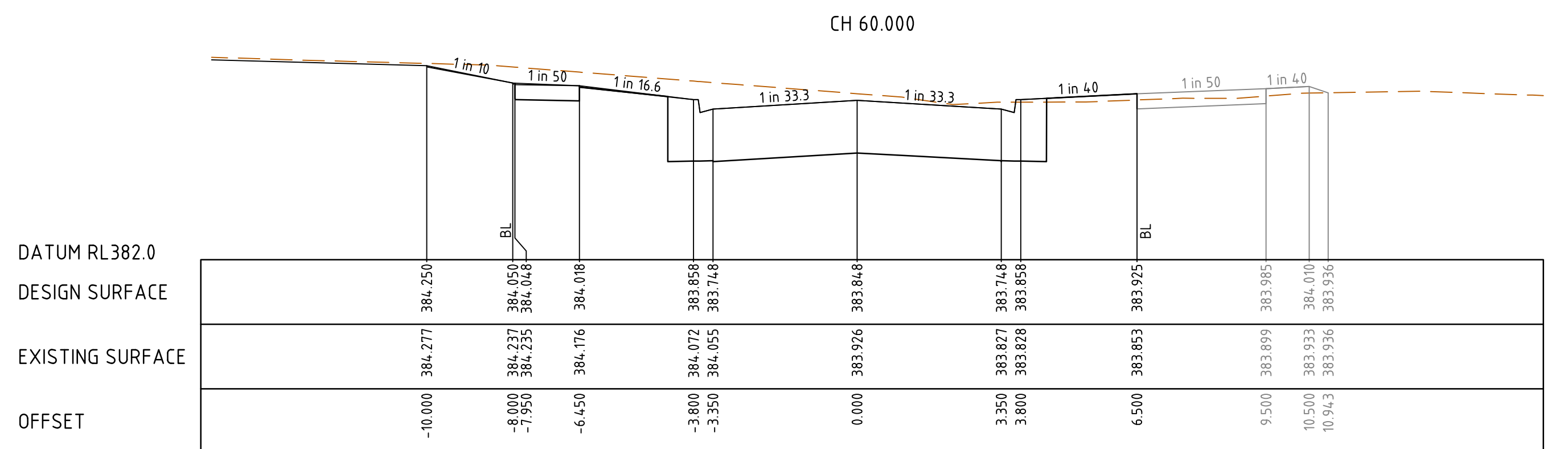
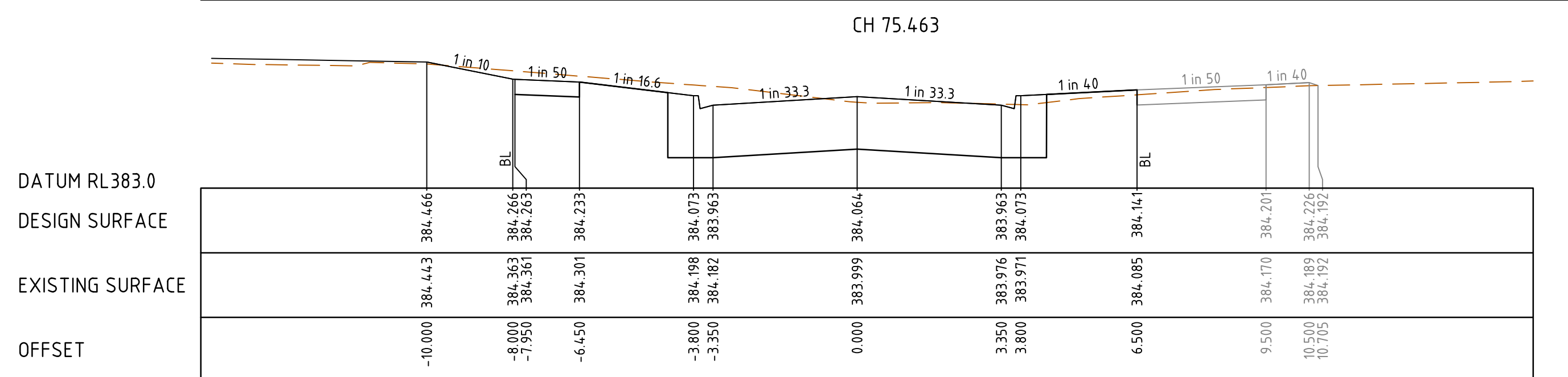
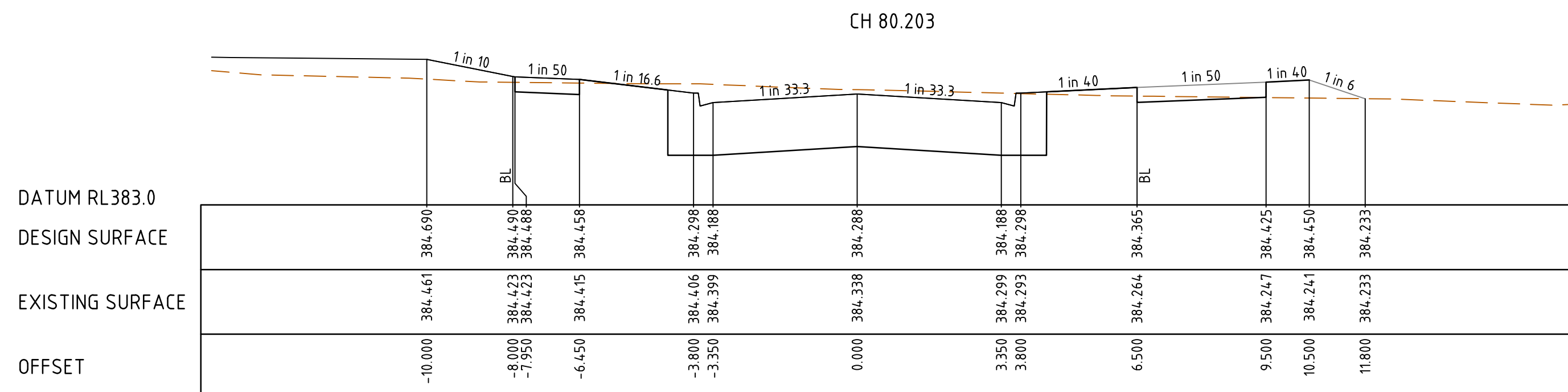
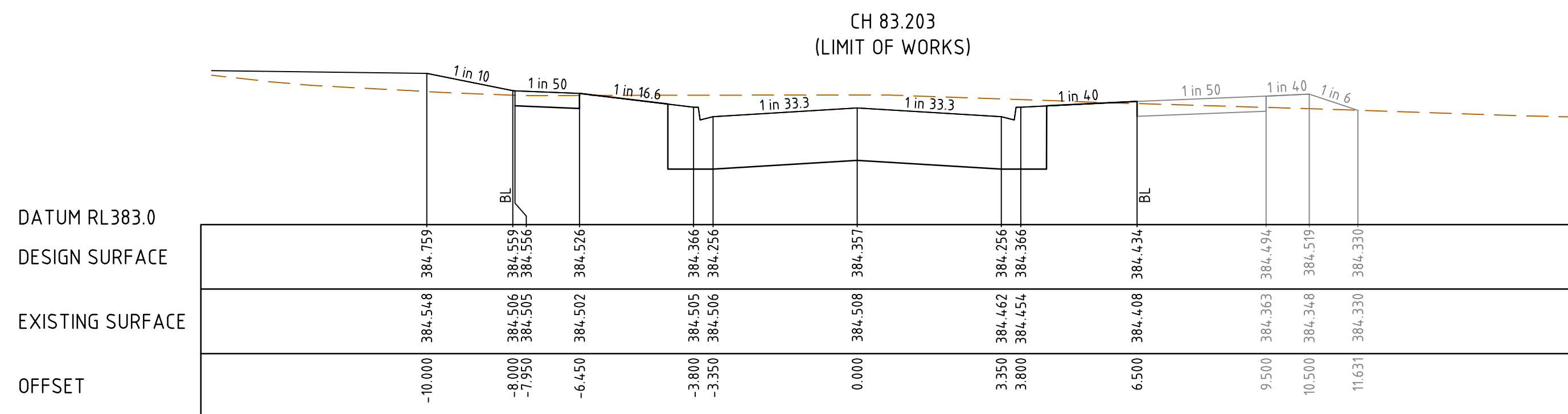
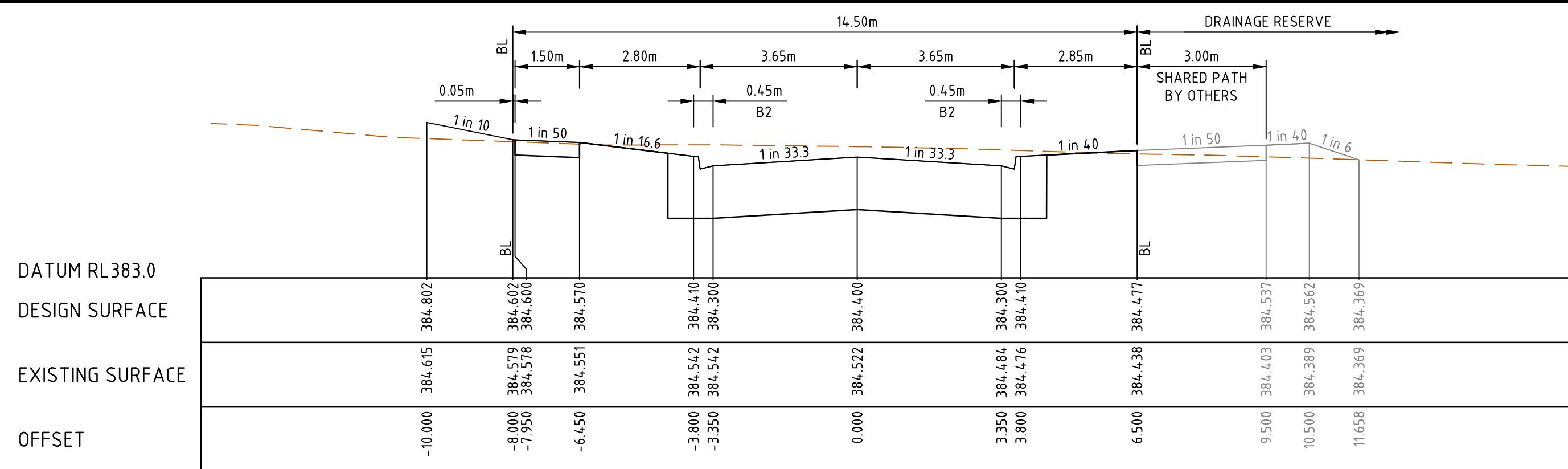


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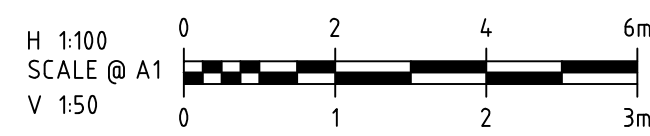
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CLIENT 		PROJECT				ORIGINAL SIZE A1
		TITLE				
APPROVED: PE 0005549		DESIGNED		MUNICIPALITY		
		A. MAY		MITCHELL SHIRE COUNCIL		
		SCALE	PP No.	DRAWING No.	REVISION	
		H 1:100 V 1:50	PLP430/22	3265-02-255	B	



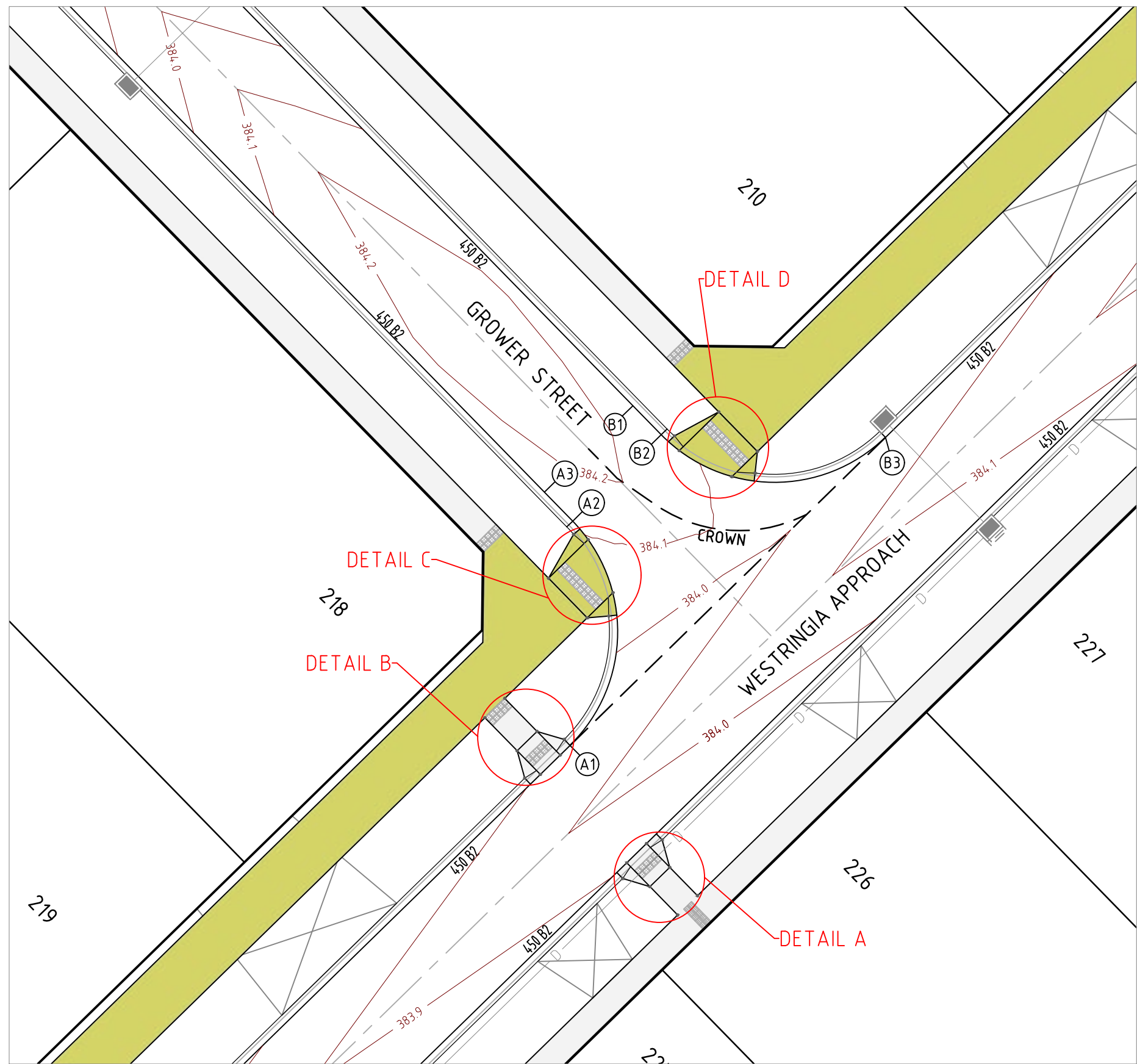
B	26.06.24	NT	<i>[Signature]</i>	<i>[Signature]</i>	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	OKD	APP	AMENDMENT



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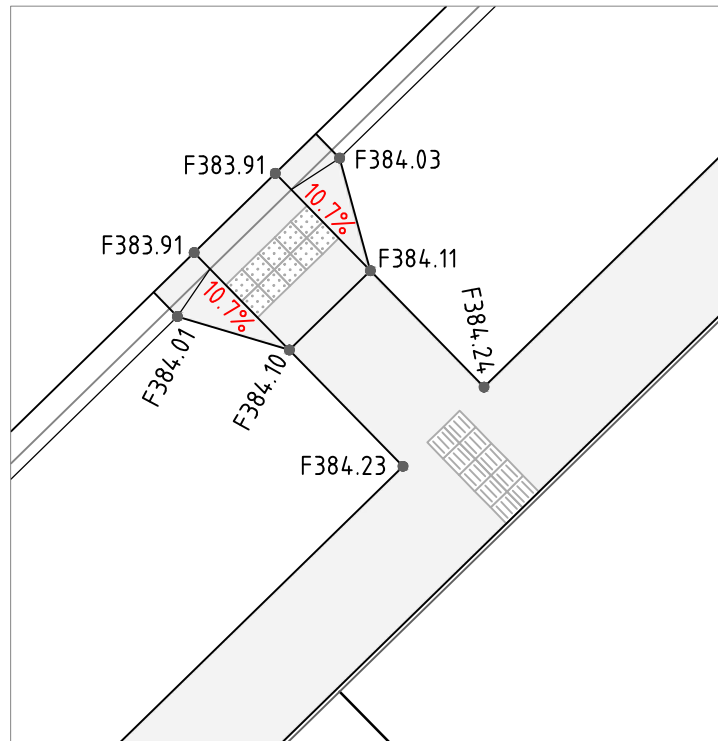
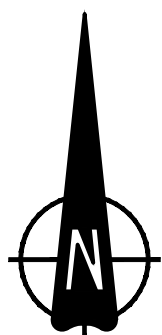


CLIENT 		PROJECT BROADSTEAD - STAGE 02			ORIGINAL SIZE A1
		TITLE ROAD CROSS SECTIONS (SHEET 7 OF 7)			
APPROVED: PE 0005549 	DESIGNED A. MAY	MUNICIPALITY MITCHELL SHIRE COUNCIL			
	SCALE H 1:100 V 1:50	PP No. PLP430/22	DRAWING No. 3265-02-256	REVISION B	

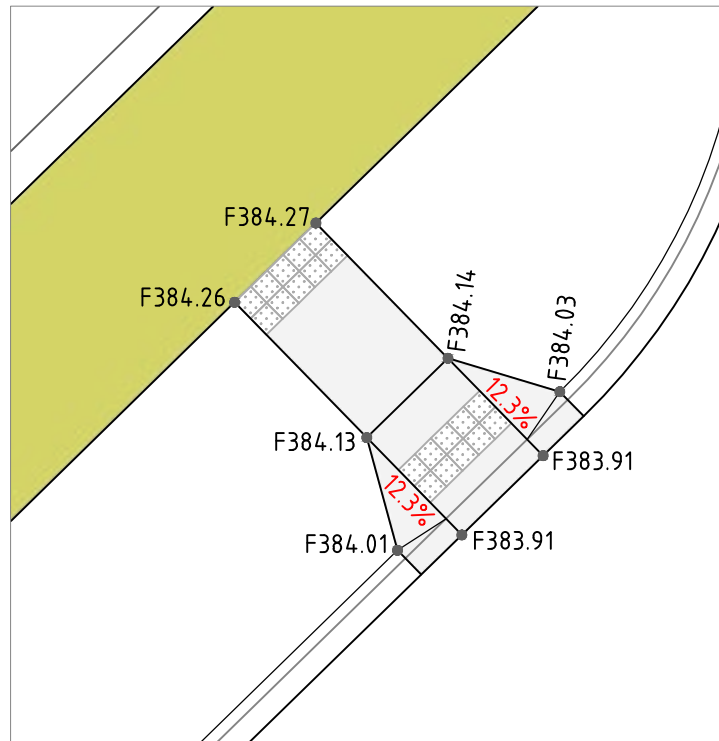


INTERSECTION OF WESTRINGIA APPROACH & GROWER STREET

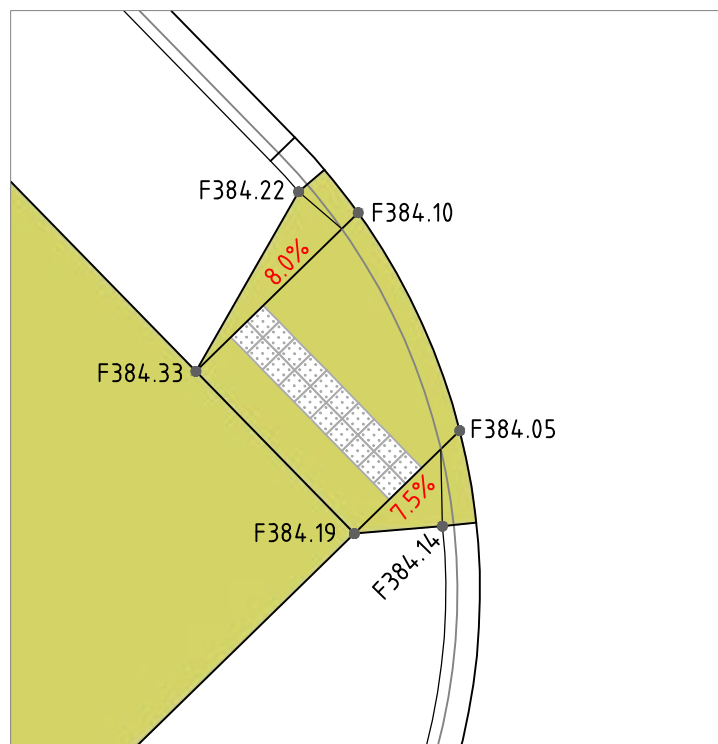
H 1:250
SCALE @ A1



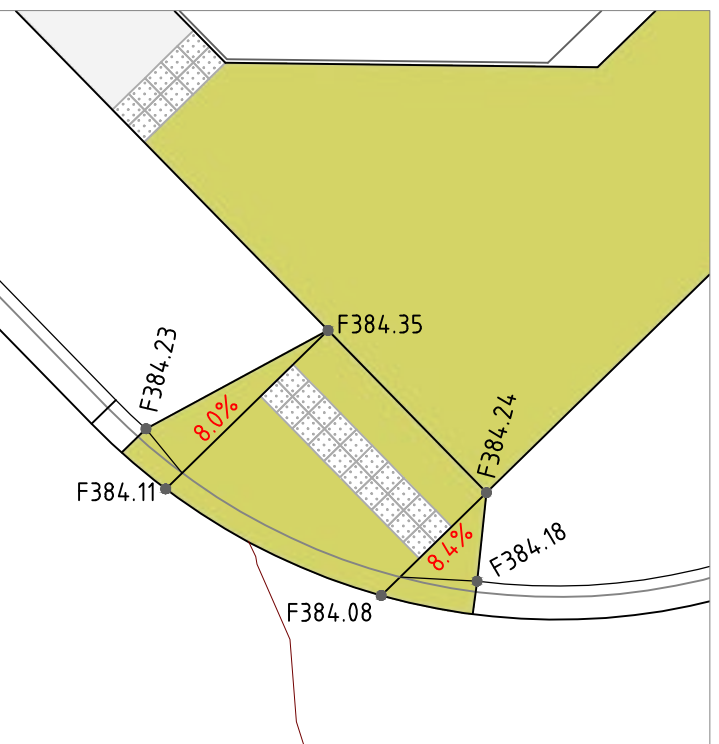
DETAIL A



DETAIL B

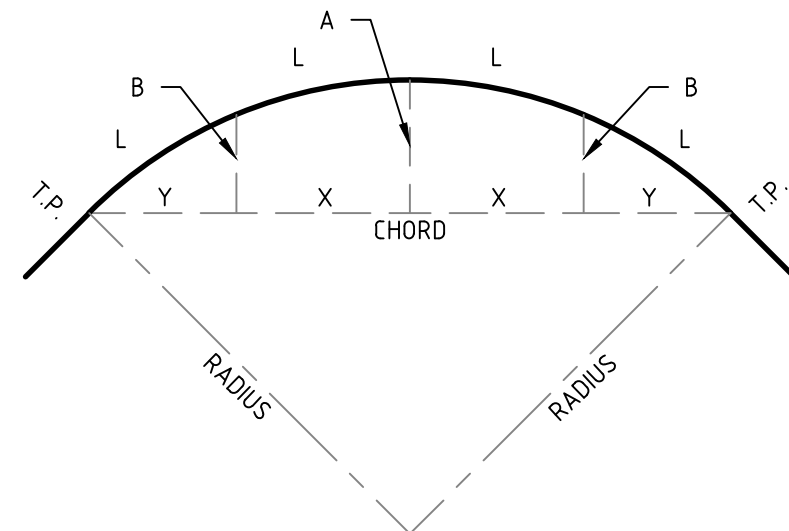


DETAIL C



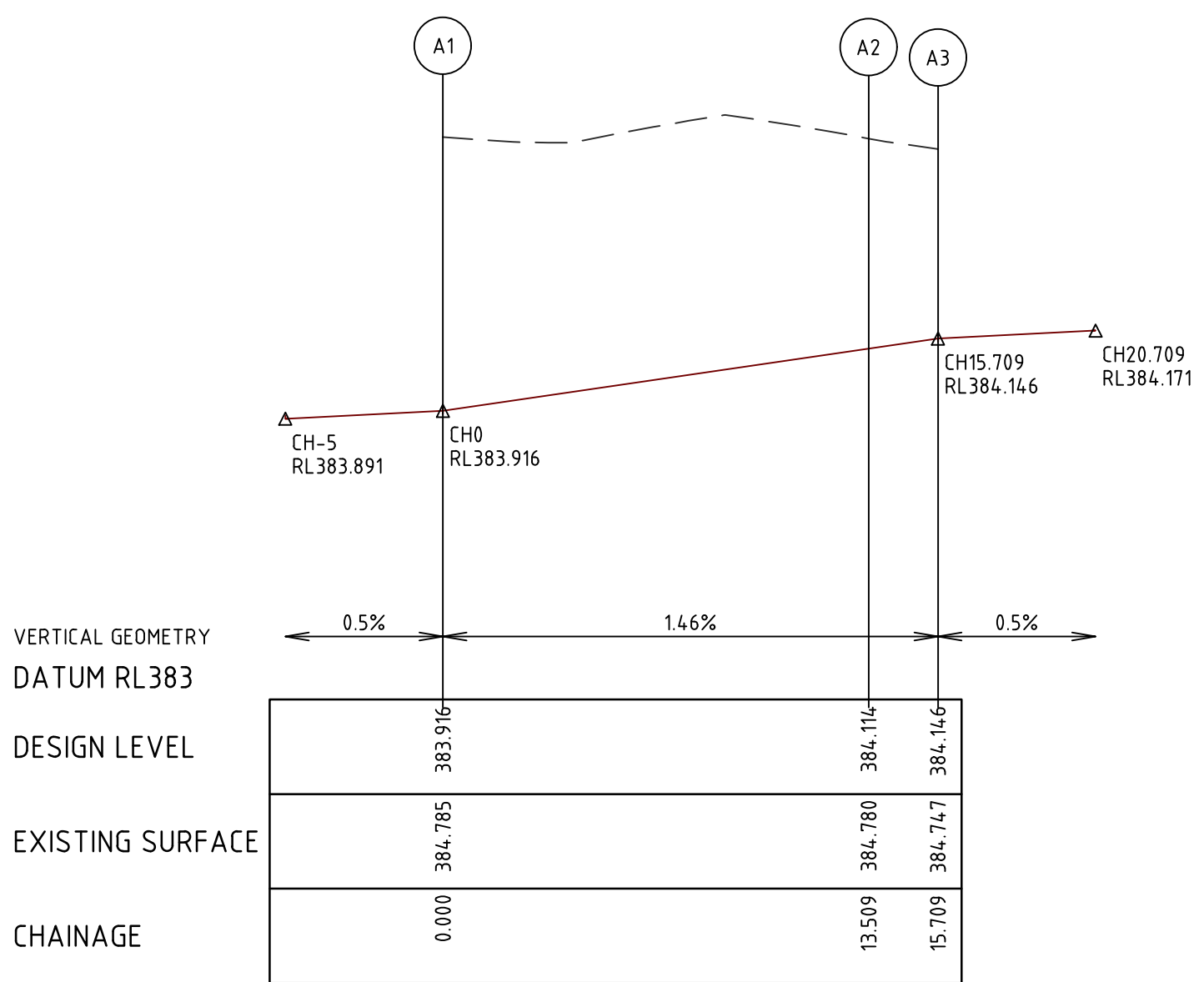
DETAIL D

H 1:100
SCALE @ A1



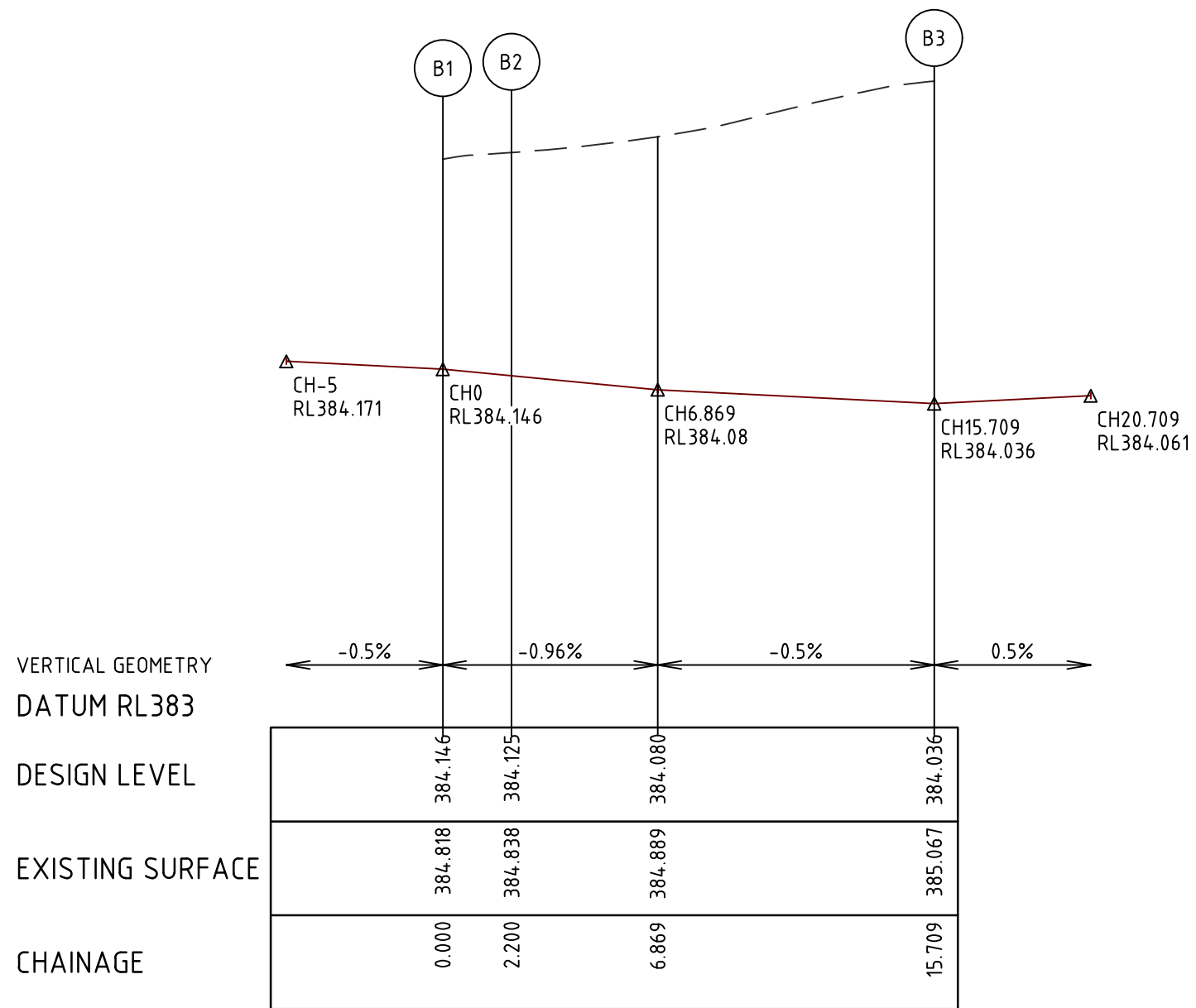
SETOUT DETAIL

N.T.S.



LIP LINE A

H 1:200
SCALE @ A1
V 1:20



LIP LINE B

ALIGNMENT A

Point no	Easting	Northing	RL
A1	320018.941	5868244.818	383.916
A2	320019.085	5868256.979	384.114
A3	320017.548	5868258.553	384.146

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
A1 - A2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	384.015

ALIGNMENT B

Point no	Easting	Northing	RL
B1	320022.341	5868263.235	384.146
B2	320023.878	5868261.661	384.125
B3	320036.040	5868261.517	384.036

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
B2 - B3	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	384.070



REV	DATE	DRN	CKD	APP	AMENDMENT
B	26.06.24	NT			ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE

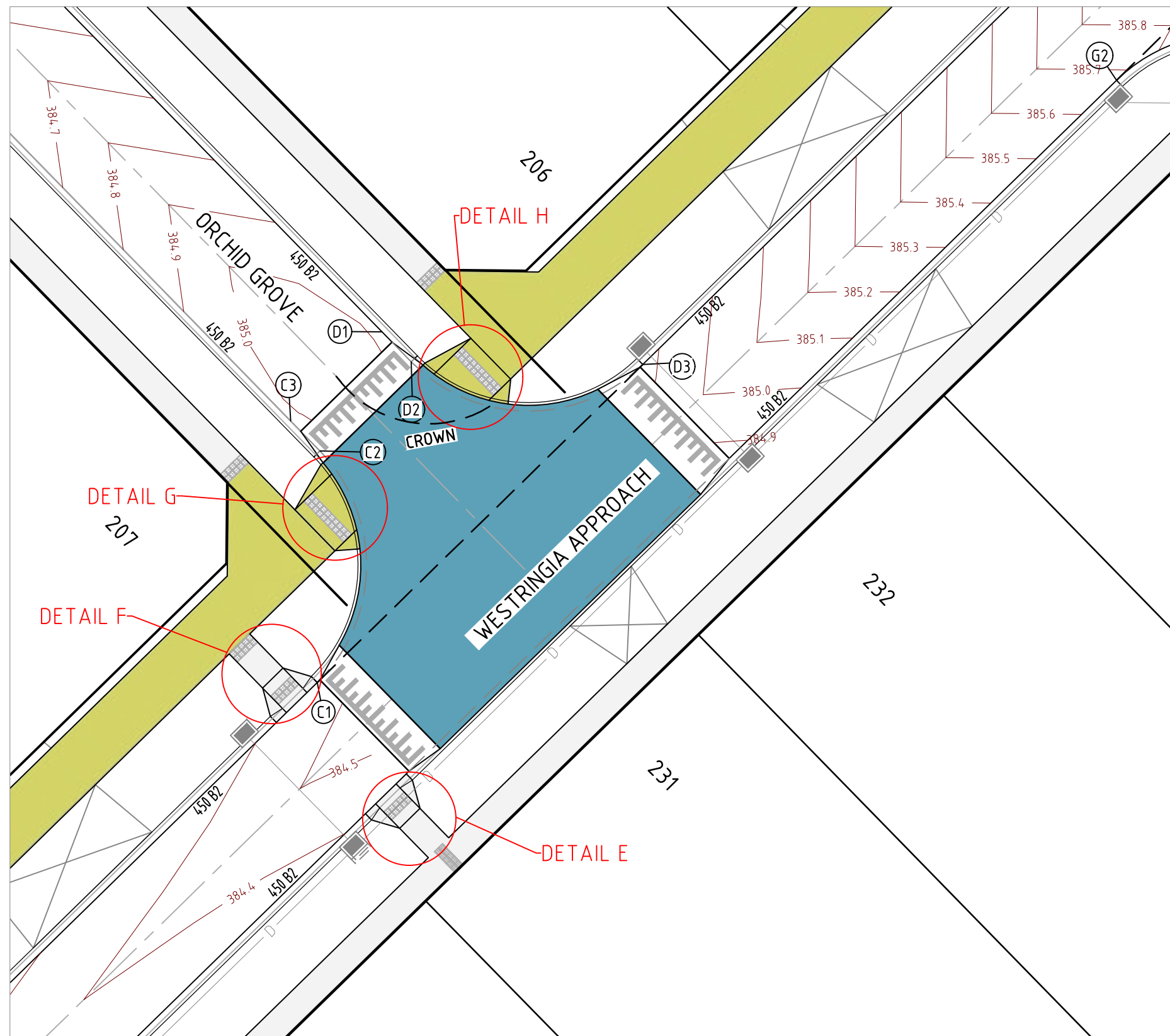
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CLIENT JINDING
APPROVED: PE 0005549 <i>Basir Azizi</i>
DESIGNED A. MAY
SCALE AS SHOWN

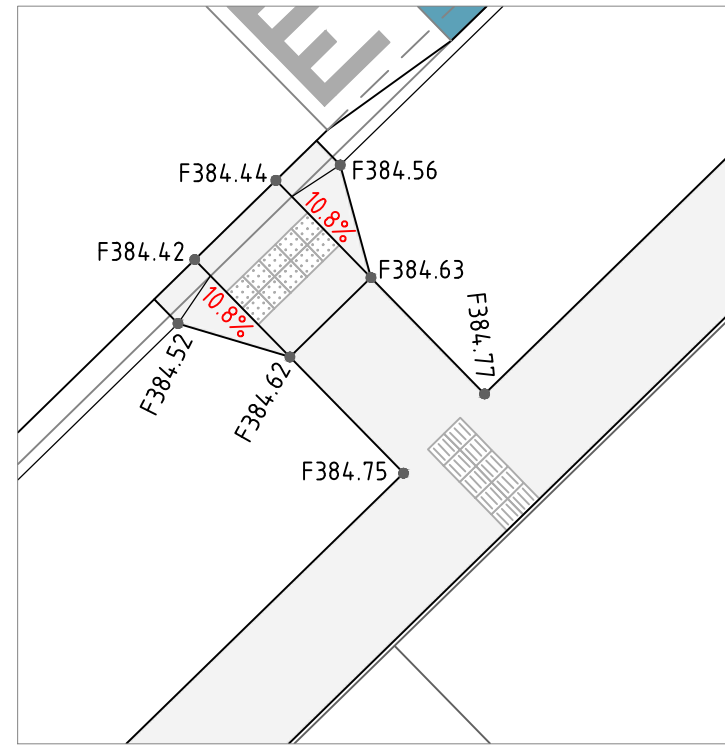
PROJECT BROADSTEAD - STAGE 02
TITLE INTERSECTION DETAILS (SHEET 1 OF 7)
MUNICIPALITY MITCHELL SHIRE COUNCIL
PP No. PLP430/22
DRAWING No. 3265-02-300
REVISION B

ORIGINAL SIZE
A1

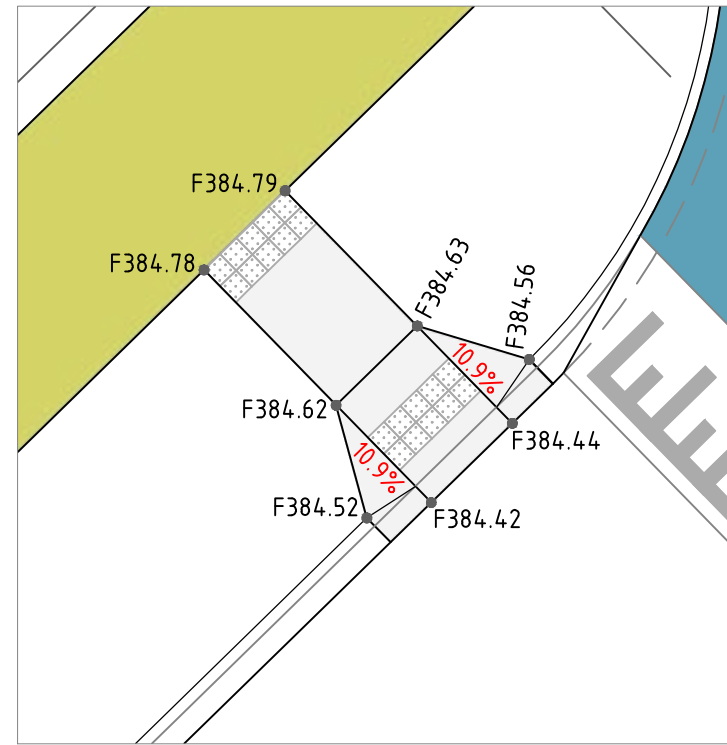


INTERSECTION OF WESTRINGIA APPROACH & ORCHID GROVE

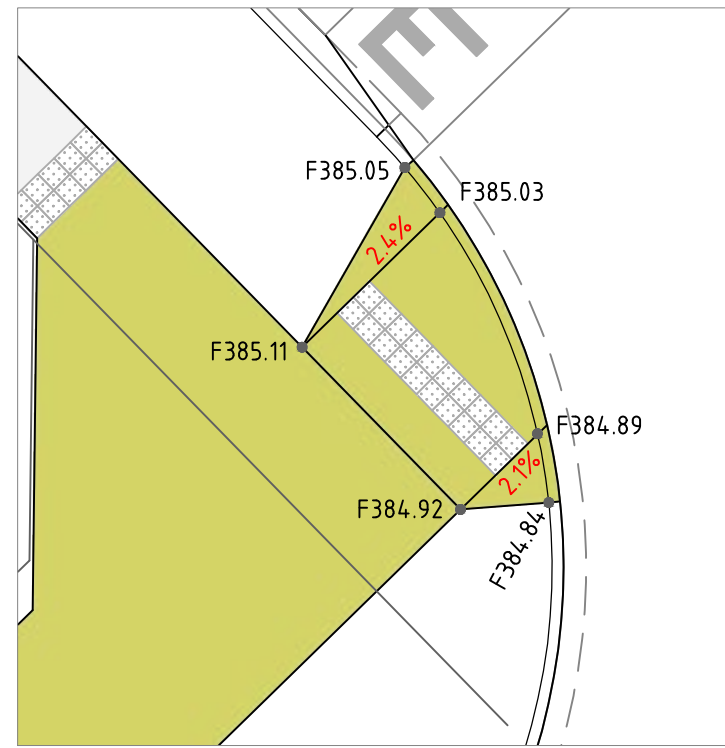
H 1:250
SCALE @ A1



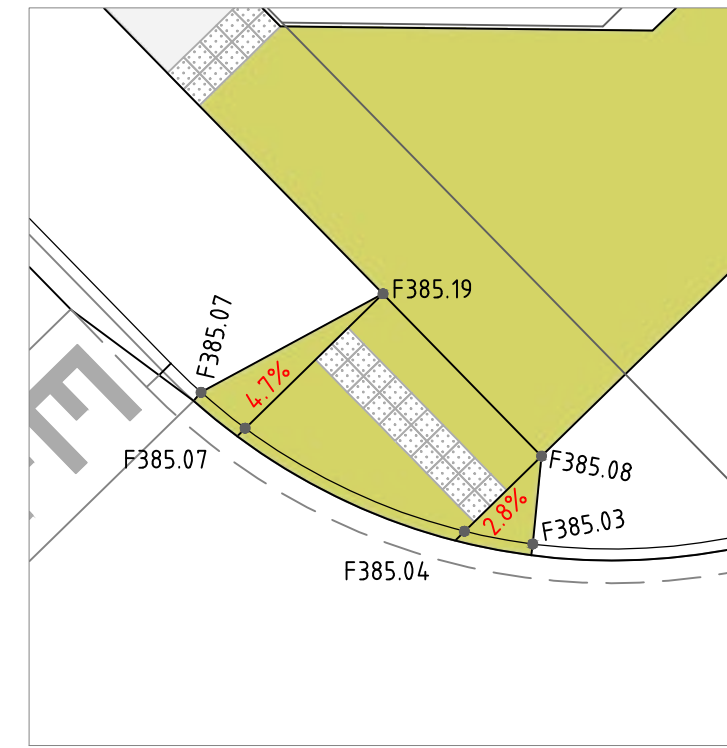
DETAIL E



DETAIL F

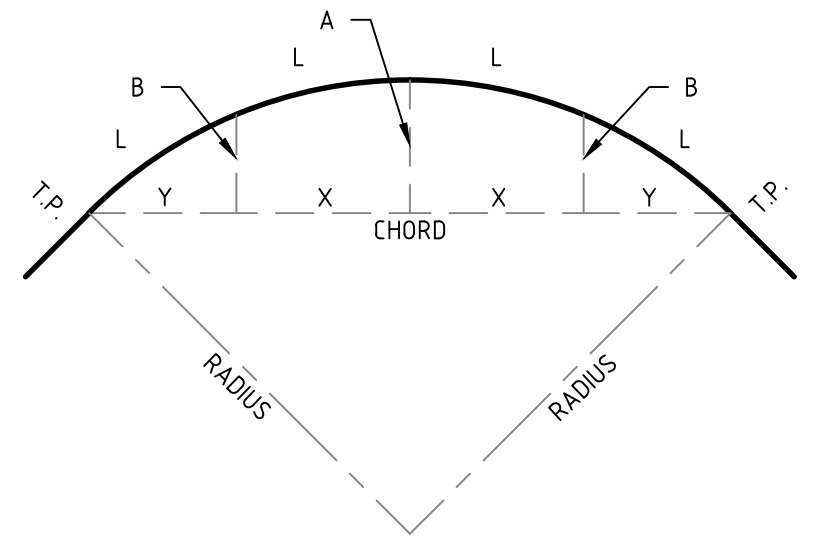


DETAIL G

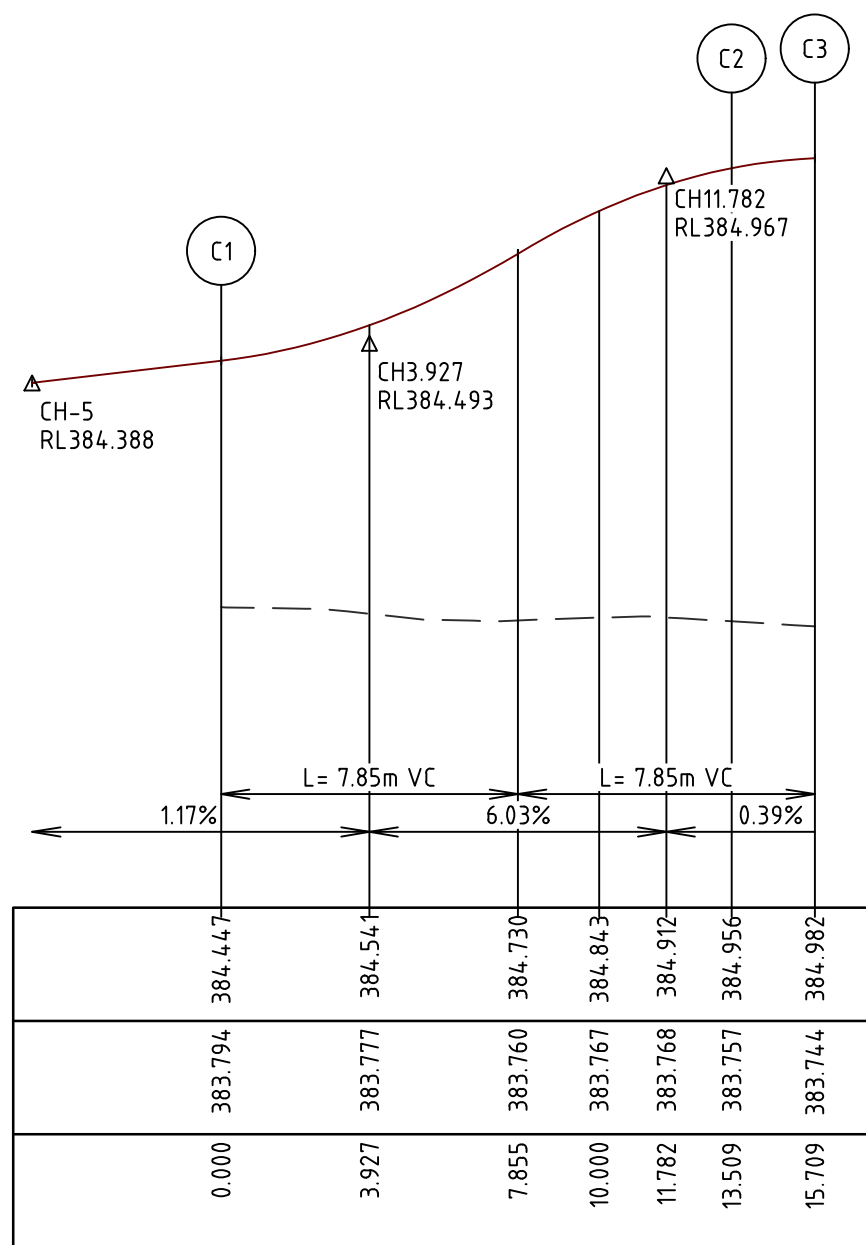


DETAIL H

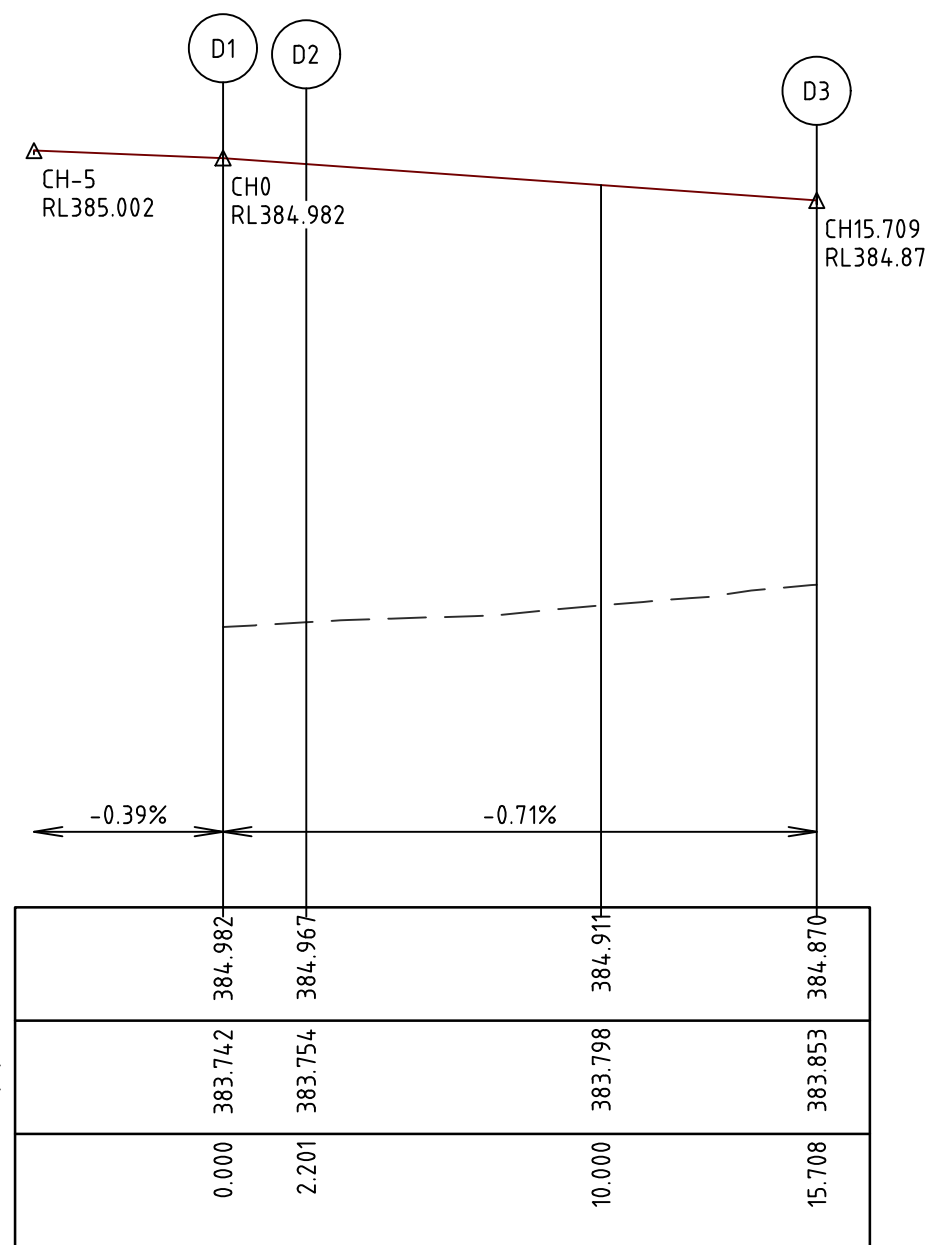
H 1:100
SCALE @ A1



SETOUT DETAIL
N.T.S.



LIP LINE C



LIP LINE D

H 1:200
SCALE @ A1
V 1:20

ALIGNMENT C

Point no	Easting	Northing	RL
C1	320088.336	5868312.592	384.447
C2	320088.480	5868324.753	384.956
C3	320086.943	5868326.327	384.982

Curve no	L	Radius	Arc	A	B	X	Y	l	Mid point RL
C1 - C2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	384.667

Alignment D

Point no	Easting	Northing	RL
D1	320091.736	5868331.009	384.982
D2	320093.274	5868329.434	384.967
D3	320105.434	5868329.290	384.870

Curve no	L	Radius	Arc	A	B	X	Y	l	Mid point RL
D2 - D3	90.000	8.599	13.507	2.519	1.864	3.291	2.790	3.377	384.918



B	26.06.24	KCL	12	12	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	OKD	APP	AMENDMENT

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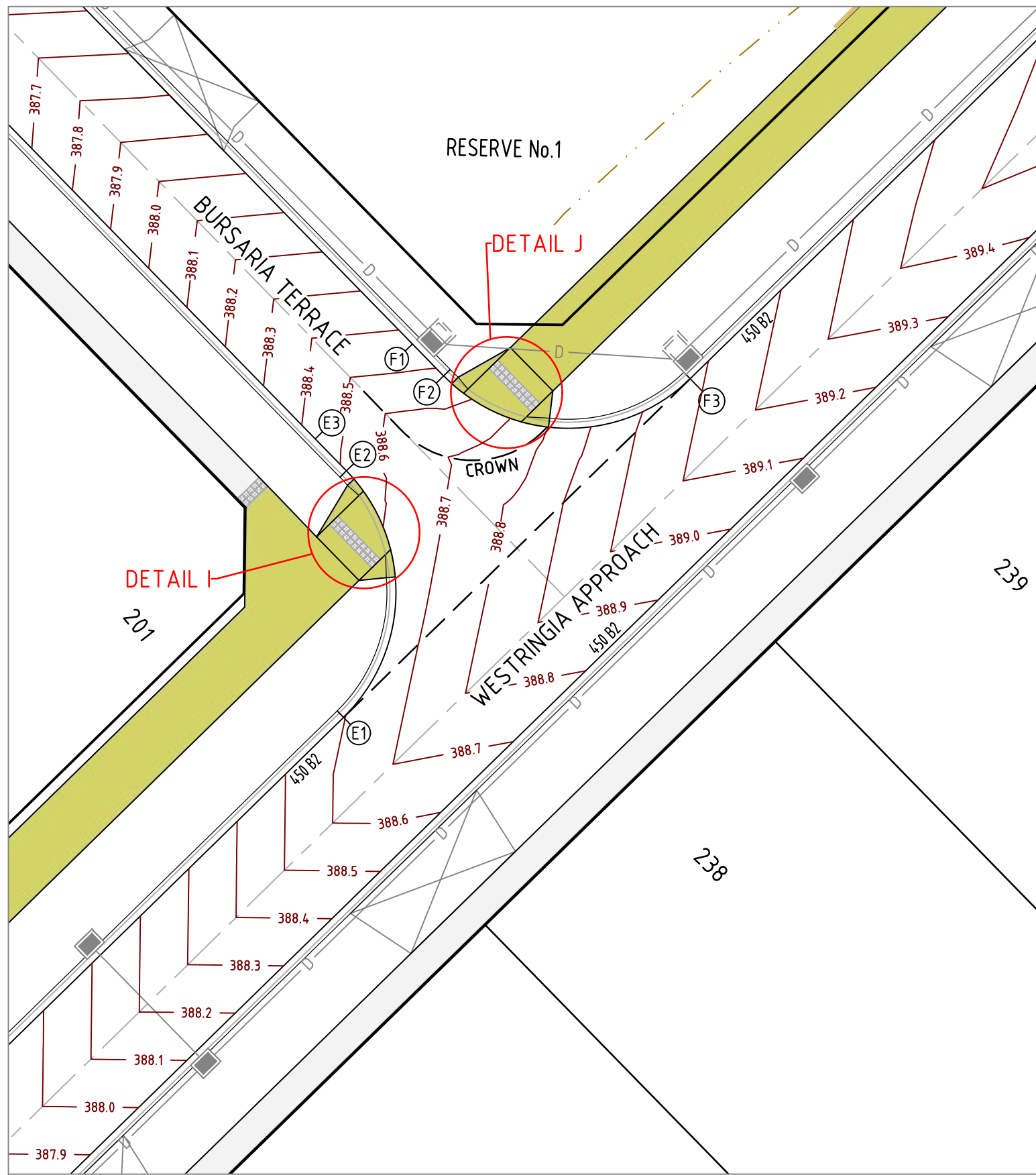


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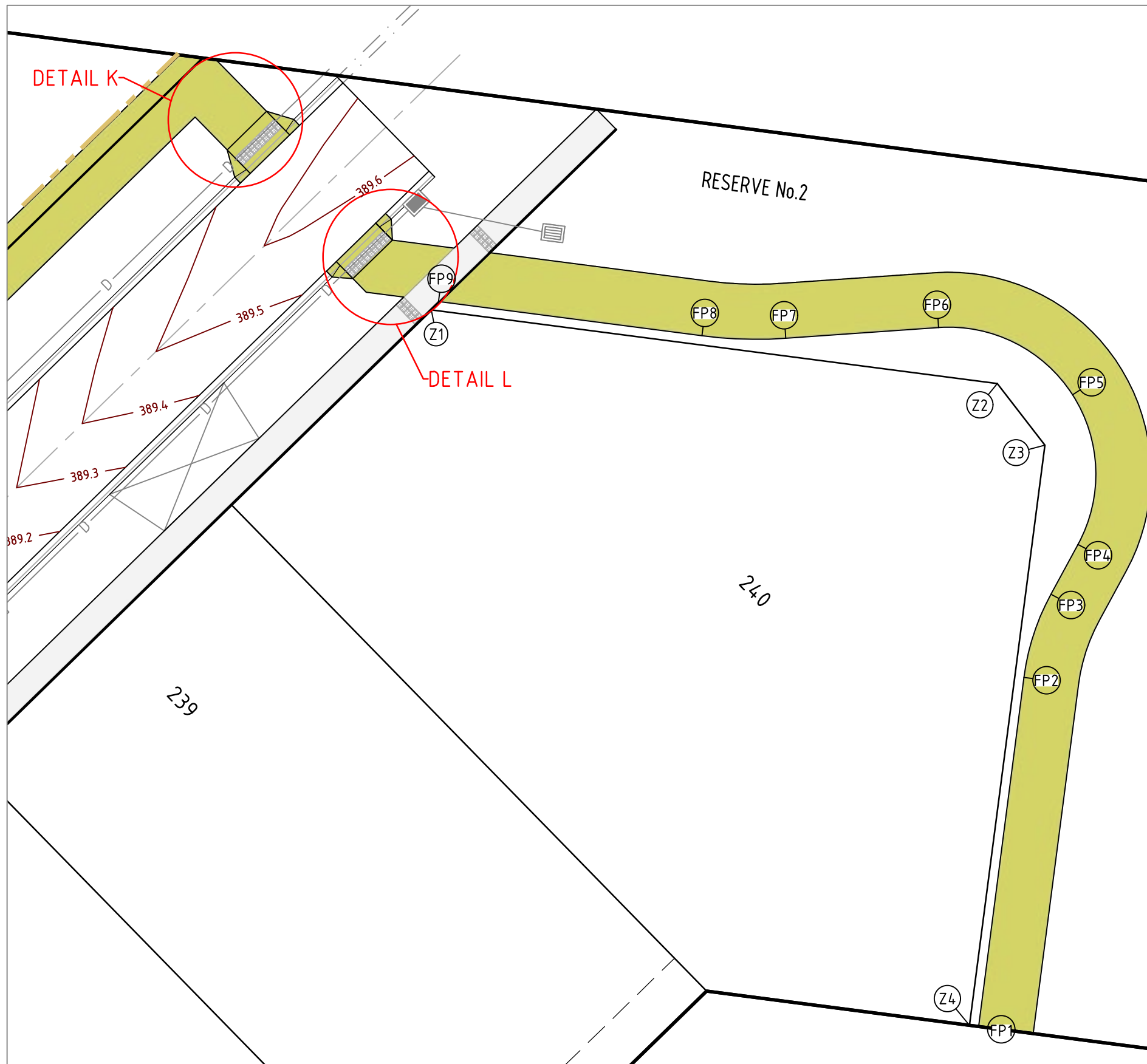
CLIENT	JINDING
APPROVED: PE 0005549	DESIGNED A. MAY
SCALE AS SHOWN	PP No. PLP430/22

PROJECT	BROADSTEAD - STAGE 02
TITLE	INTERSECTION DETAILS (SHEET 2 OF 7)
MUNICIPALITY	MITCHELL SHIRE COUNCIL
DRAWING No.	3265-02-301
REVISION	B

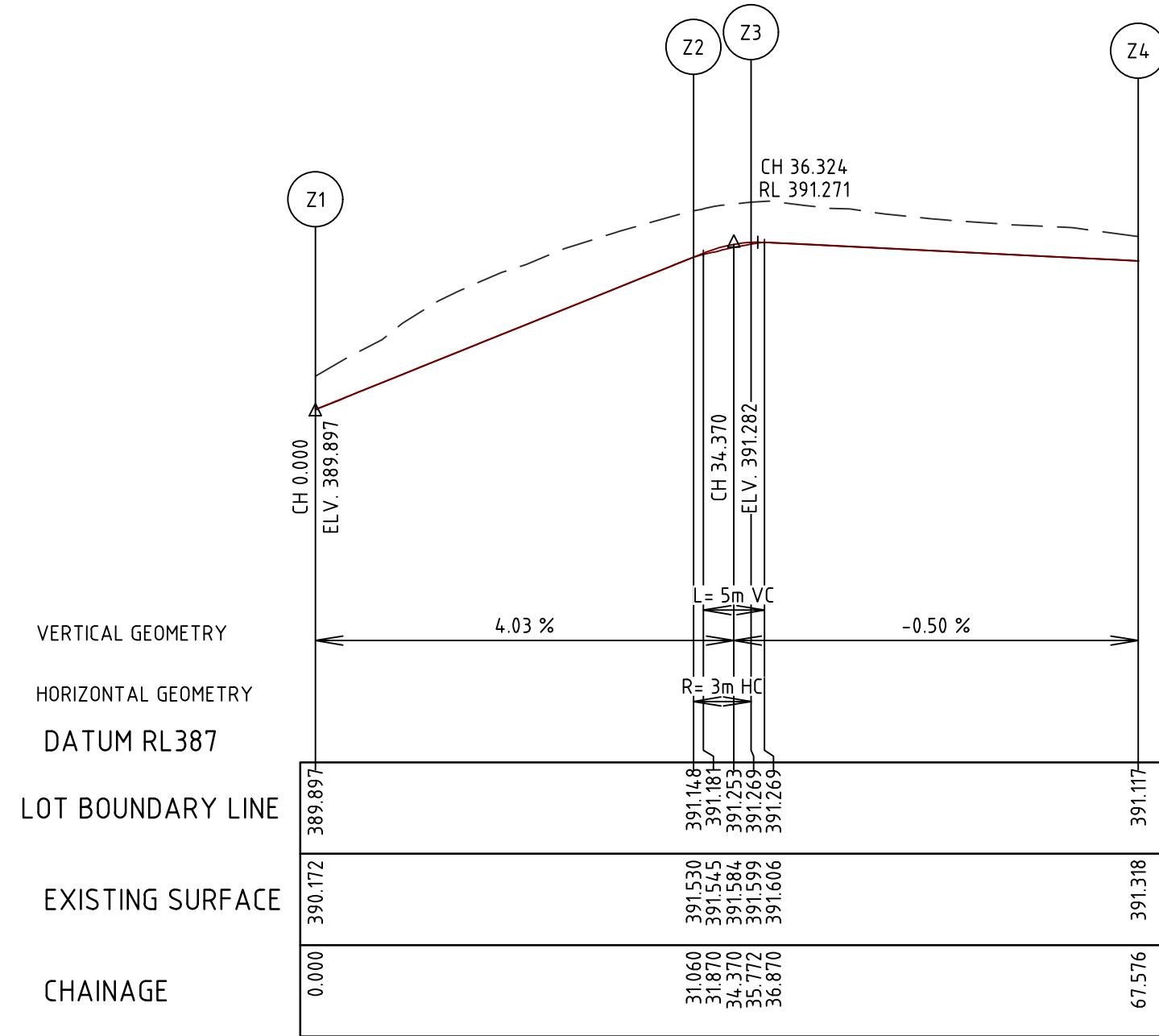
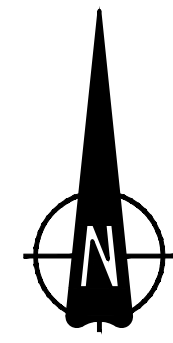
ORIGINAL SIZE A1



INTERSECTION OF WESTRINGIA APPROACH & BURSARIA TERRACE

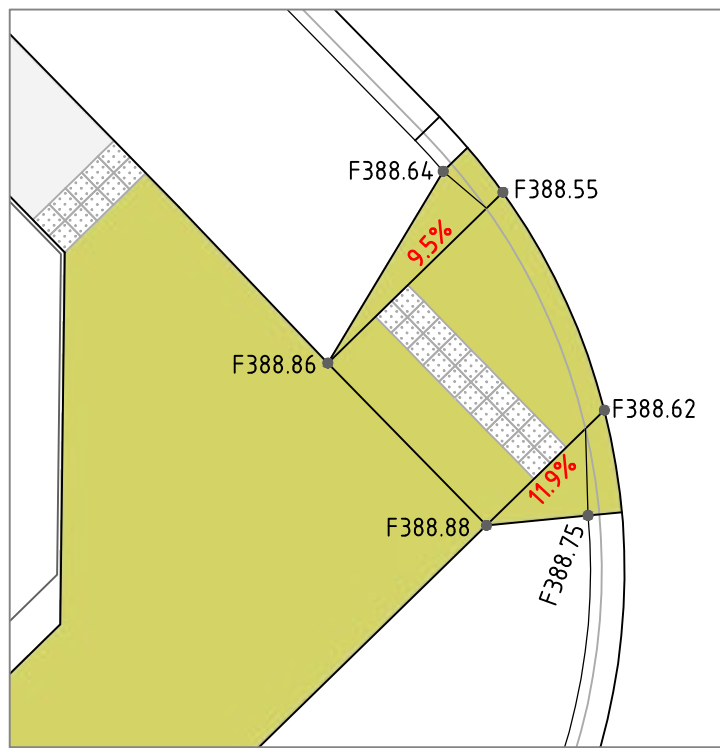


RESERVE No.2

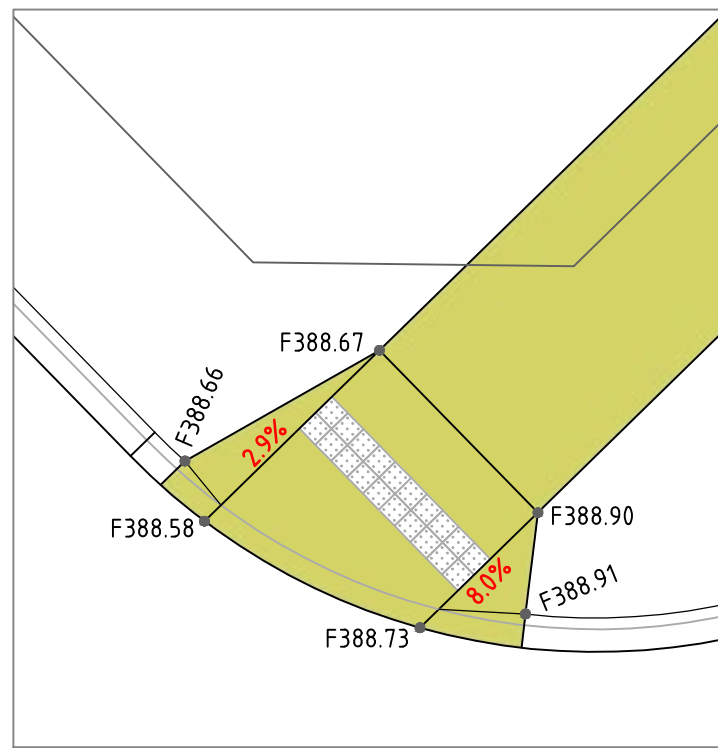


RESERVE No.2 LONGITUDINAL SECTION

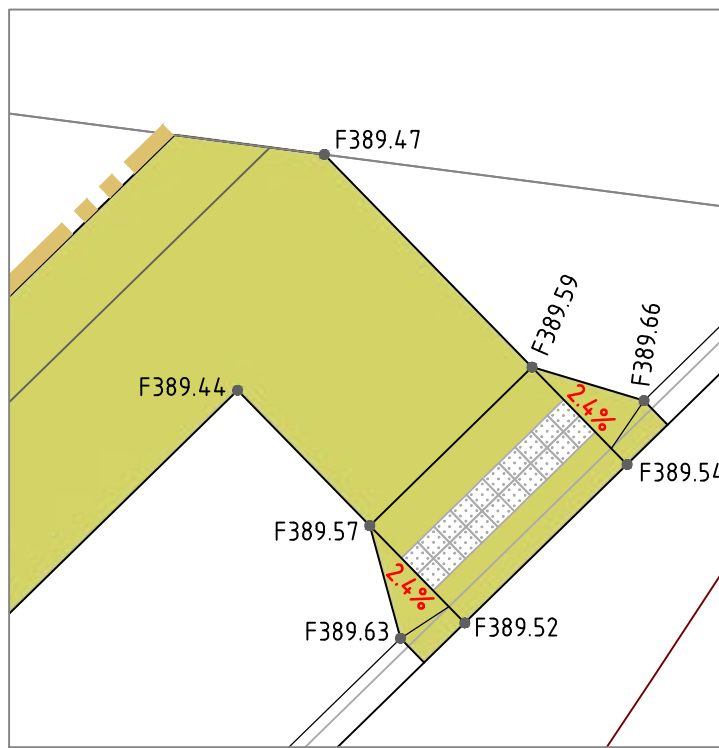
H 1:250
SCALE @ A1



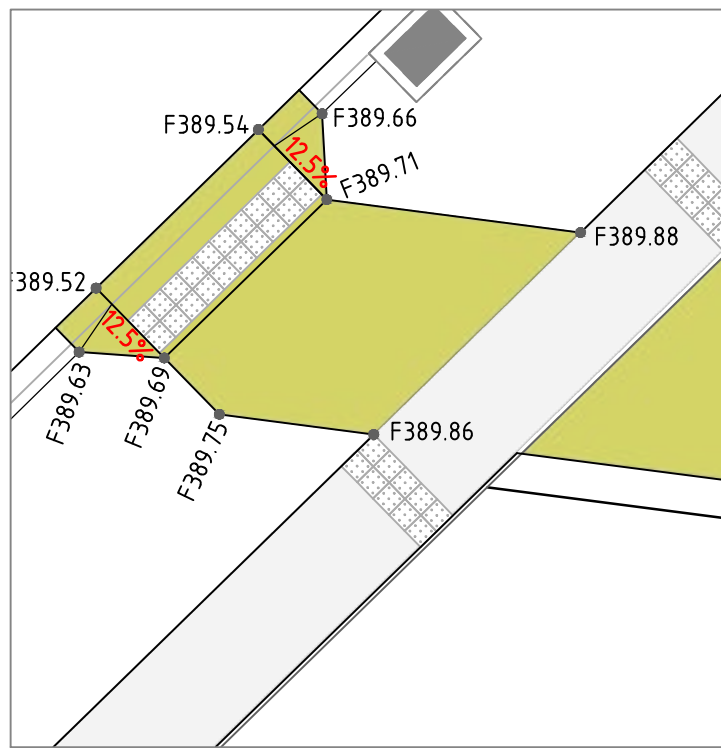
DETAIL I



DETAIL J



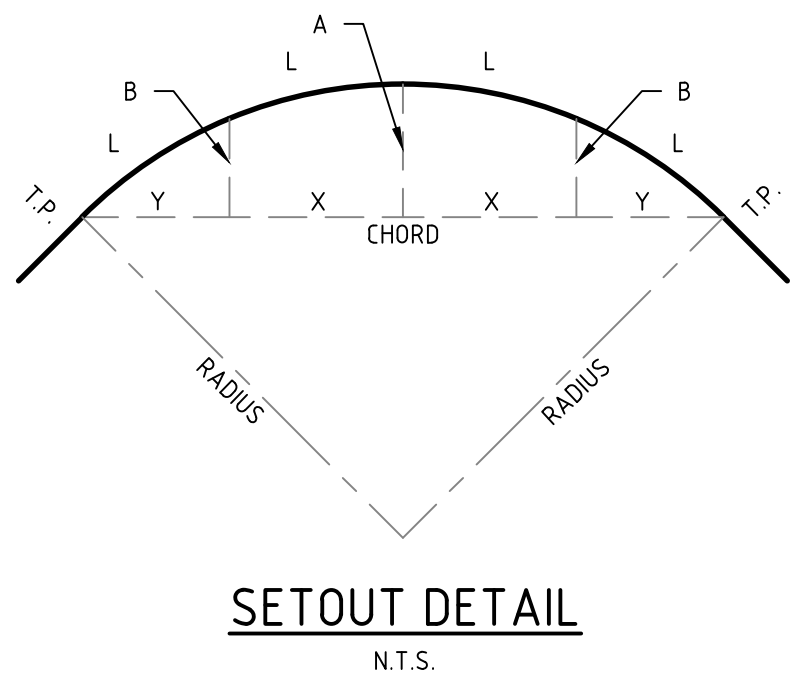
DETAIL K



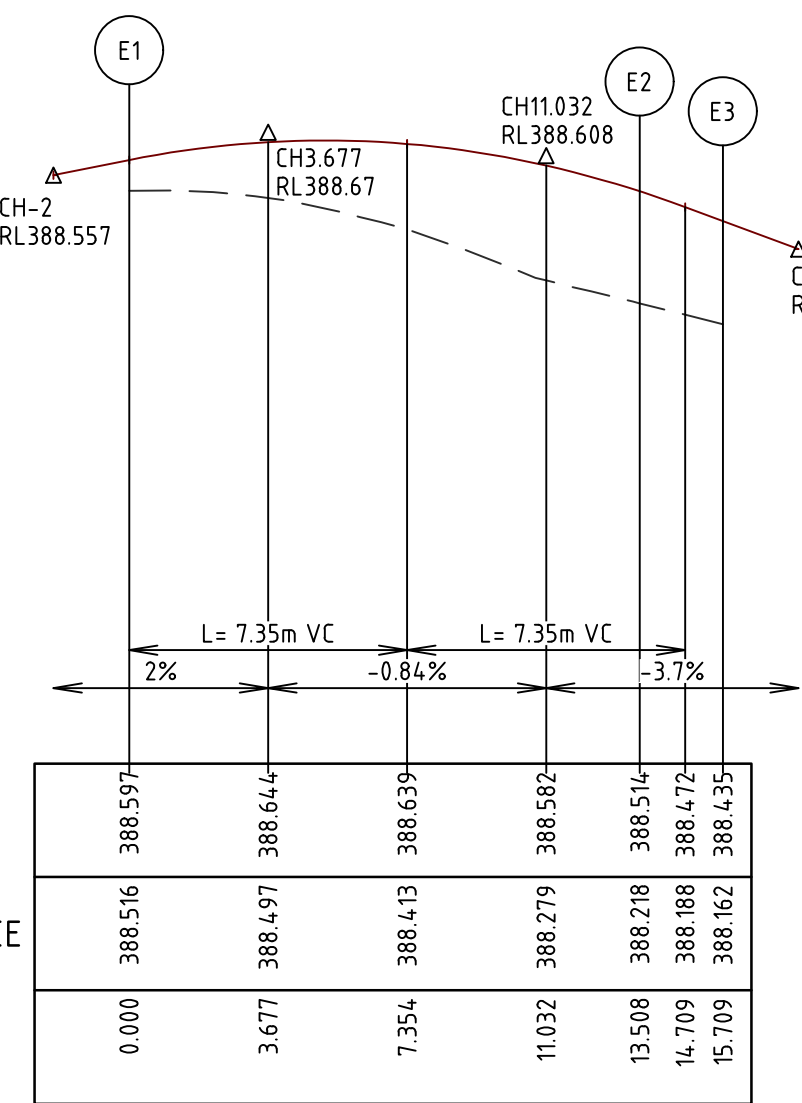
DETAIL L

H 1:100
SCALE @ A1

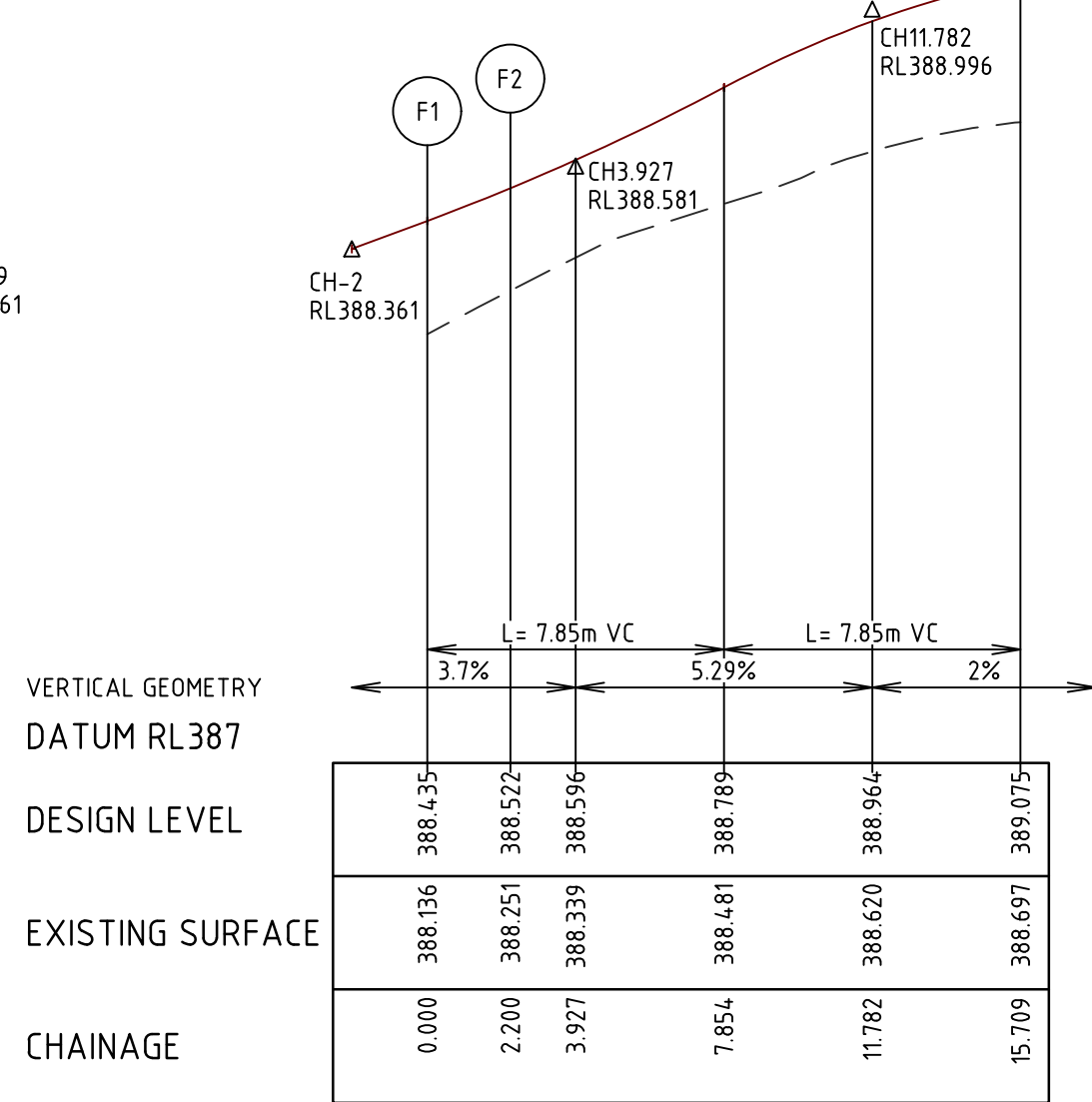
LEGEND		
DESCRIPTION	EXISTING	PROPOSED
CENTRAL INVERT	---	---
STORMWATER DRAIN DRAINAGE	---	---
AG DRAIN	---	---
PAVEMENT CONTOUR MINOR	---	---
PAVEMENT CONTOUR MAJOR	---	---



SETOUT DETAIL
N.T.S.



LIP LINE E



LIP LINE F

H 1:200
SCALE @ A1
V 1:20

ALIGNMENT E

Point no	Easting	Northing	RL
E1	320195.808	5868417.553	388.597
E2	320195.952	5868429.714	388.514
E3	320194.415	5868431.289	388.435

Curve no	L	Radius	Arc	A	B	X	Y	L	Mid point RL
E1 - E2	89.997	8.600	13.508	2.519	1.864	3.291	2.790	3.377	388.644

ALIGNMENT F

Point no	Easting	Northing	RL
F1	320199.208	5868435.970	388.435
F2	320200.745	5868434.396	388.522
F3	320212.907	5868434.252	389.075

Curve no	L	Radius	Arc	A	B	X	Y	L	Mid point RL
F2 - F3	89.999	8.600	13.509	2.519	1.864	3.291	2.790	3.377	388.844

C	07.08.24	WS	KL	KL	RESERVE NO.2 SHARED PATH BUBBLES ADDED
B	26.06.24	NT	KL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT

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Street Address
Level 20, 390 St Kilda Road W cossillwebley.com.au
Melbourne VIC 3004 T (03) 8548 1560
E Melbourne.Reception@cosweb.com.au

CLIENT
JINDING

APPROVED: PE 0005549
DESIGNED
A. MAY
SCALE
AS SHOWN

PROJECT
BROADSTEAD - STAGE 02

TITLE
INTERSECTION DETAILS (SHEET 3 OF 7)

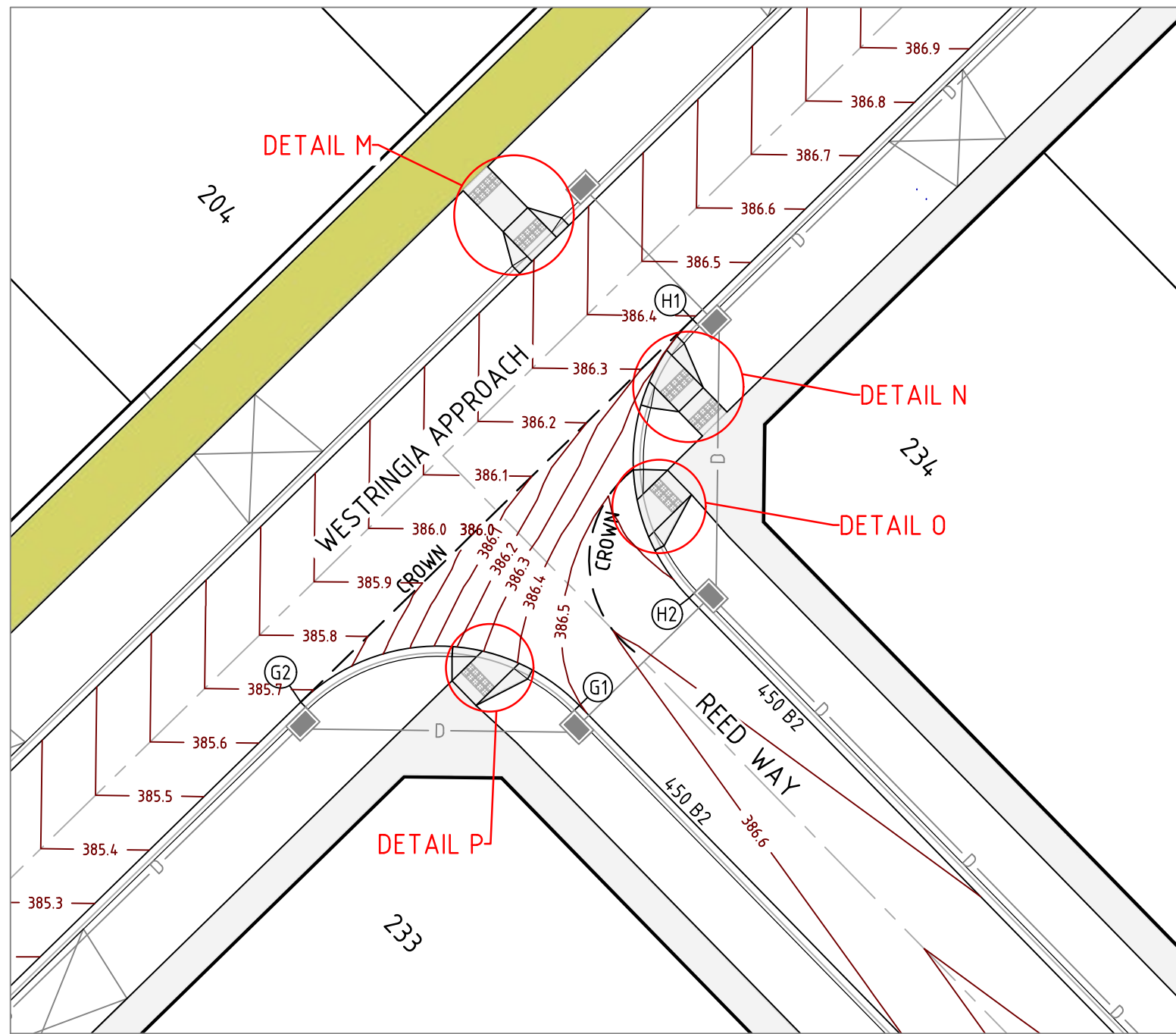
MUNICIPALITY
MITCHELL SHIRE COUNCIL

PP No.
PLP430/22

DRAWING No.
3265-02-302

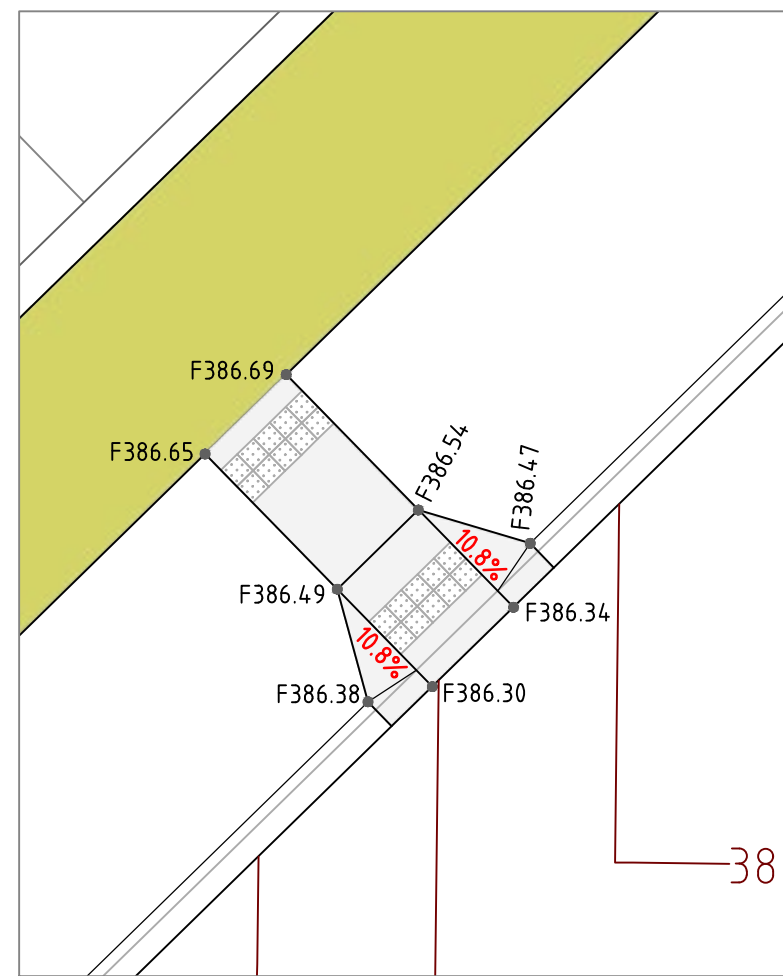
REVISION
C

ORIGINAL
SIZE
A1

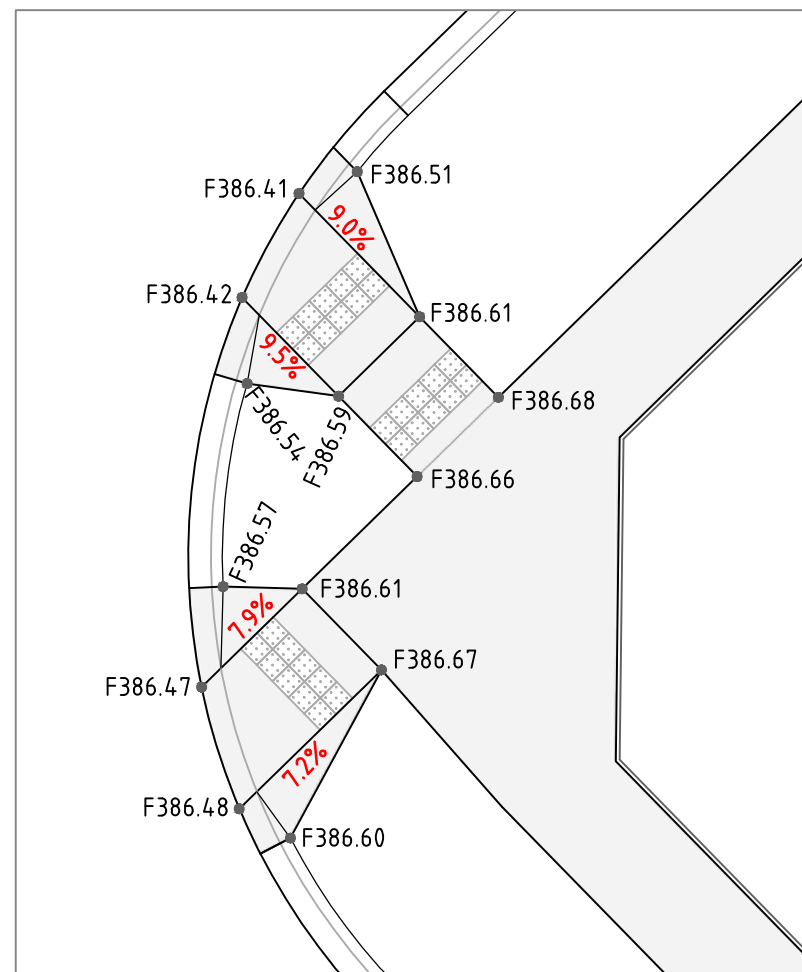


INTERSECTION OF WESTRINGIA APPROACH & REED WAY

H 1:250
SCALE @ A1

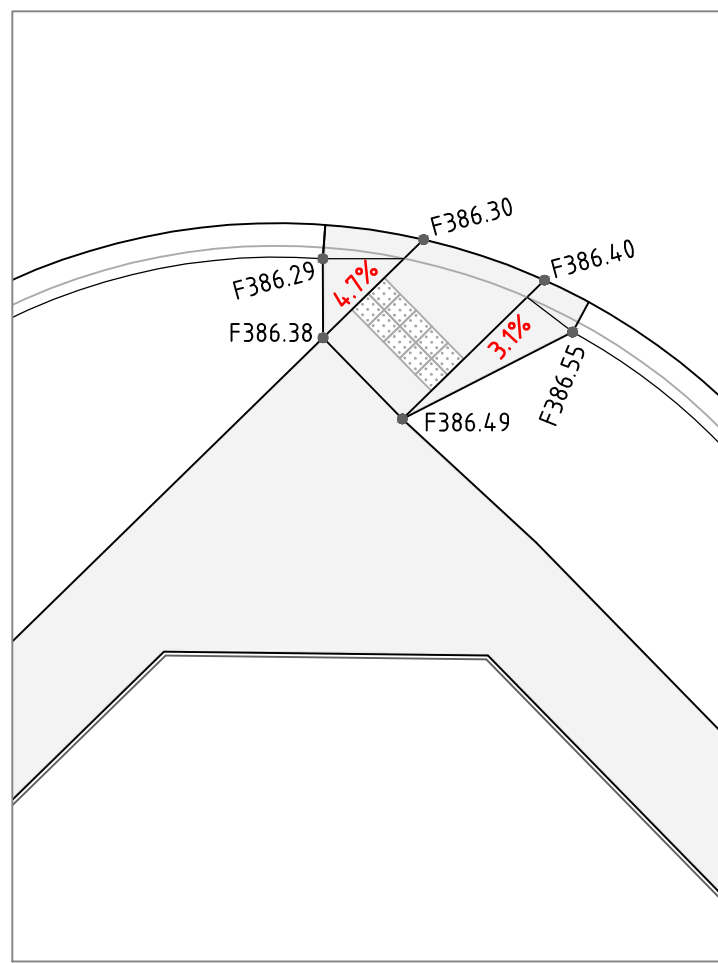


DETAIL M

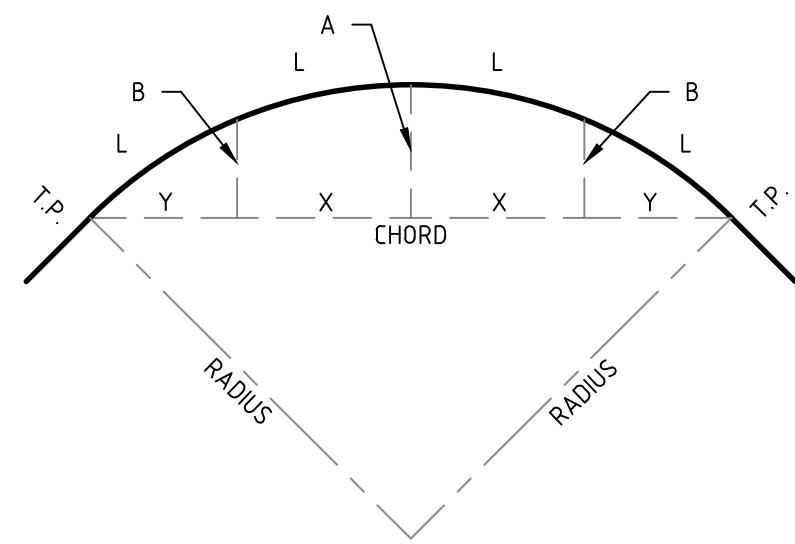


DETAIL N & O

H 1:100
SCALE @ A1



DETAIL P

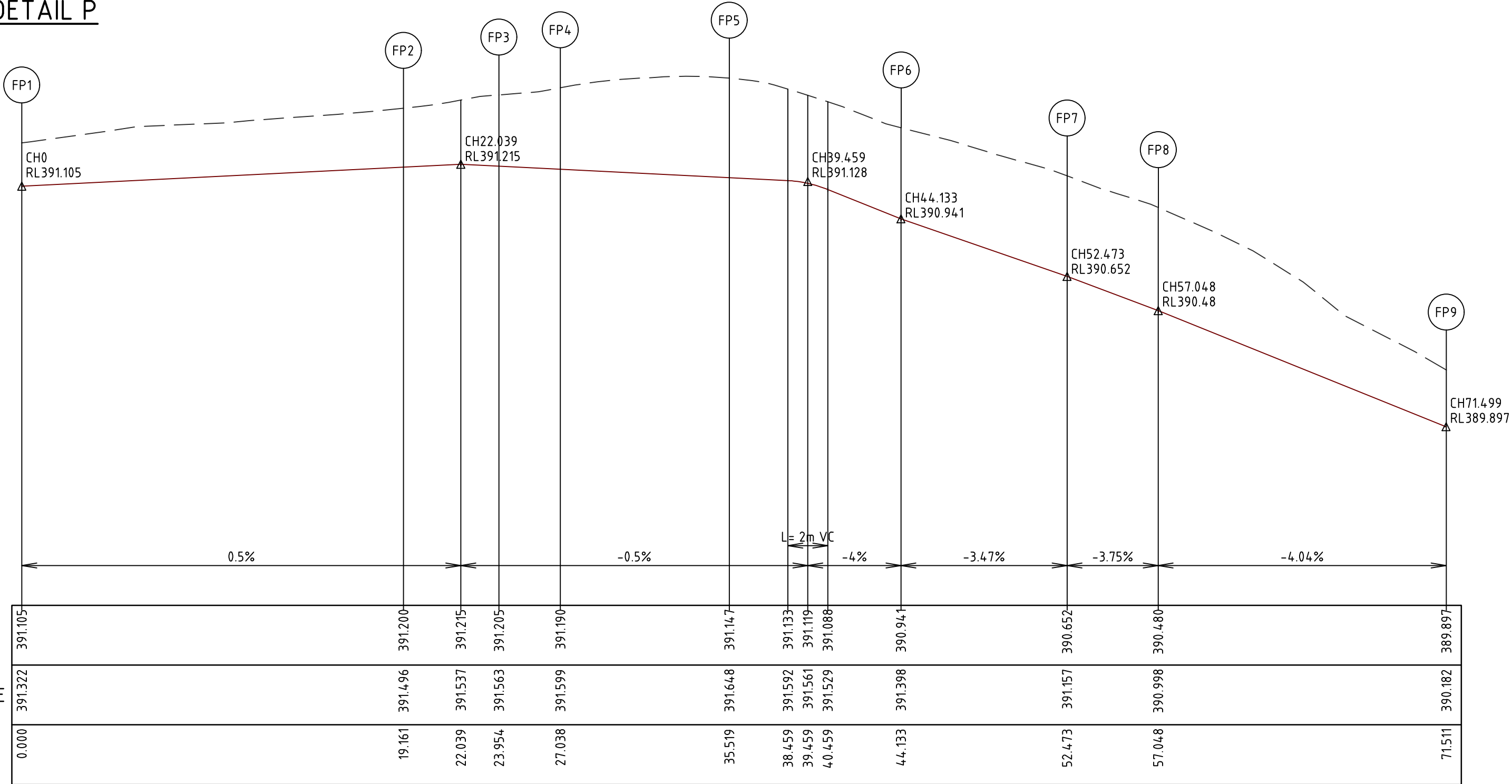


SETOUT DETAIL

N.T.S.

LEGEND

DESCRIPTION	EXISTING	PROPOSED
CENTRAL INVERT	---	---
STORMWATER DRAIN DRAINAGE	---	---
AG DRAIN	---	---
PAVEMENT CONTOUR MINOR	---	---
PAVEMENT CONTOUR MAJOR	---	---



VERTICAL GEOMETRY

DATUM RL389

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE

LIP LINE FP

ALIGNMENT G

Point no	Easting	Northing	RL
G1	320142.466	5868344.071	386.498
G2	320130.305	5868344.215	385.677

Curve no	L	Radius	Arc	A	B	X	Y	L	Mid point RL
G1 - G2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	386.130

ALIGNMENT H

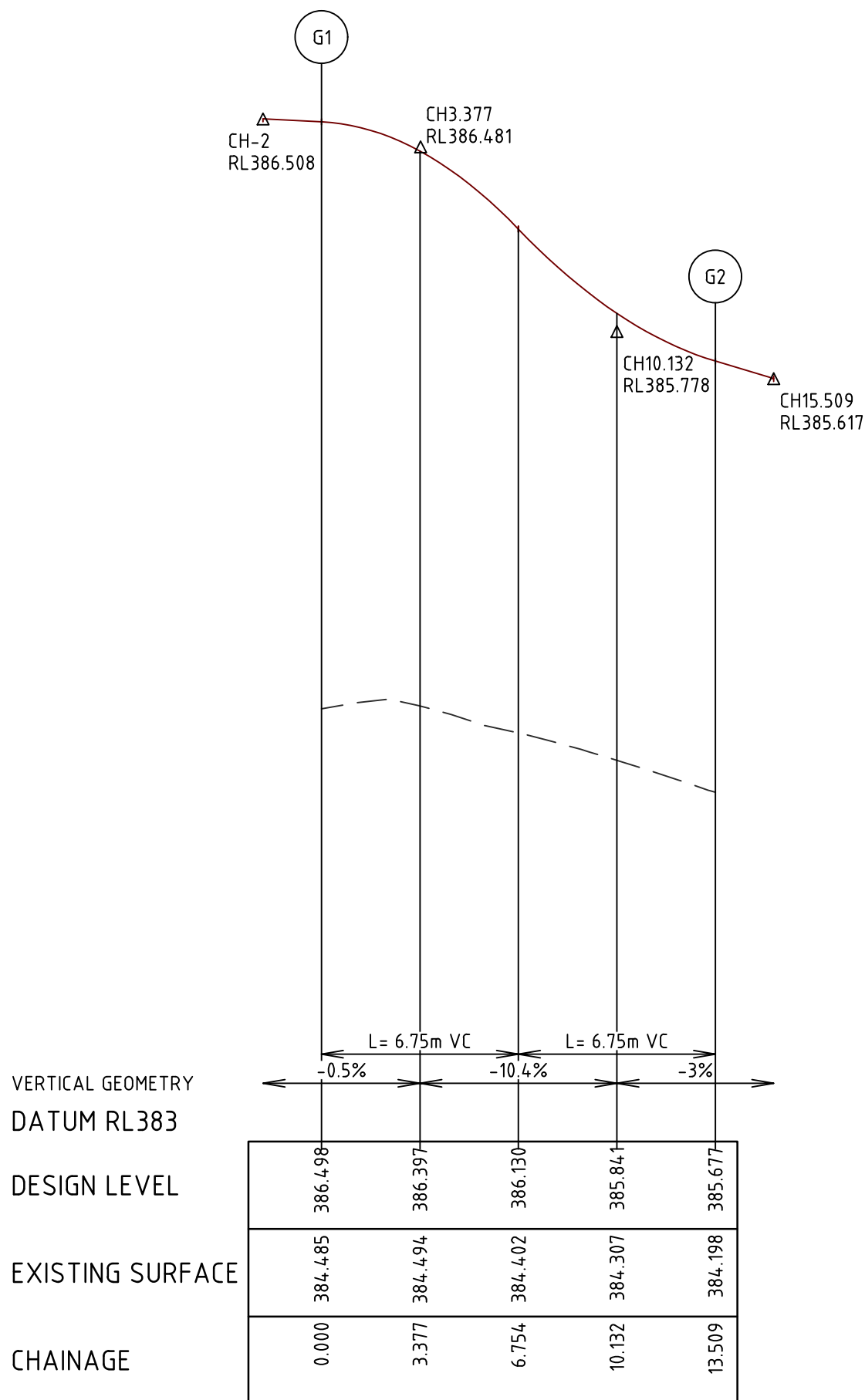
Point no	Easting	Northing	RL
H1	320147.403	5868360.914	386.394
H2	320147.260	5868348.752	386.509

Curve no	L	Radius	Arc	A	B	X	Y	L	Mid point RL
H1 - H2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	386.451

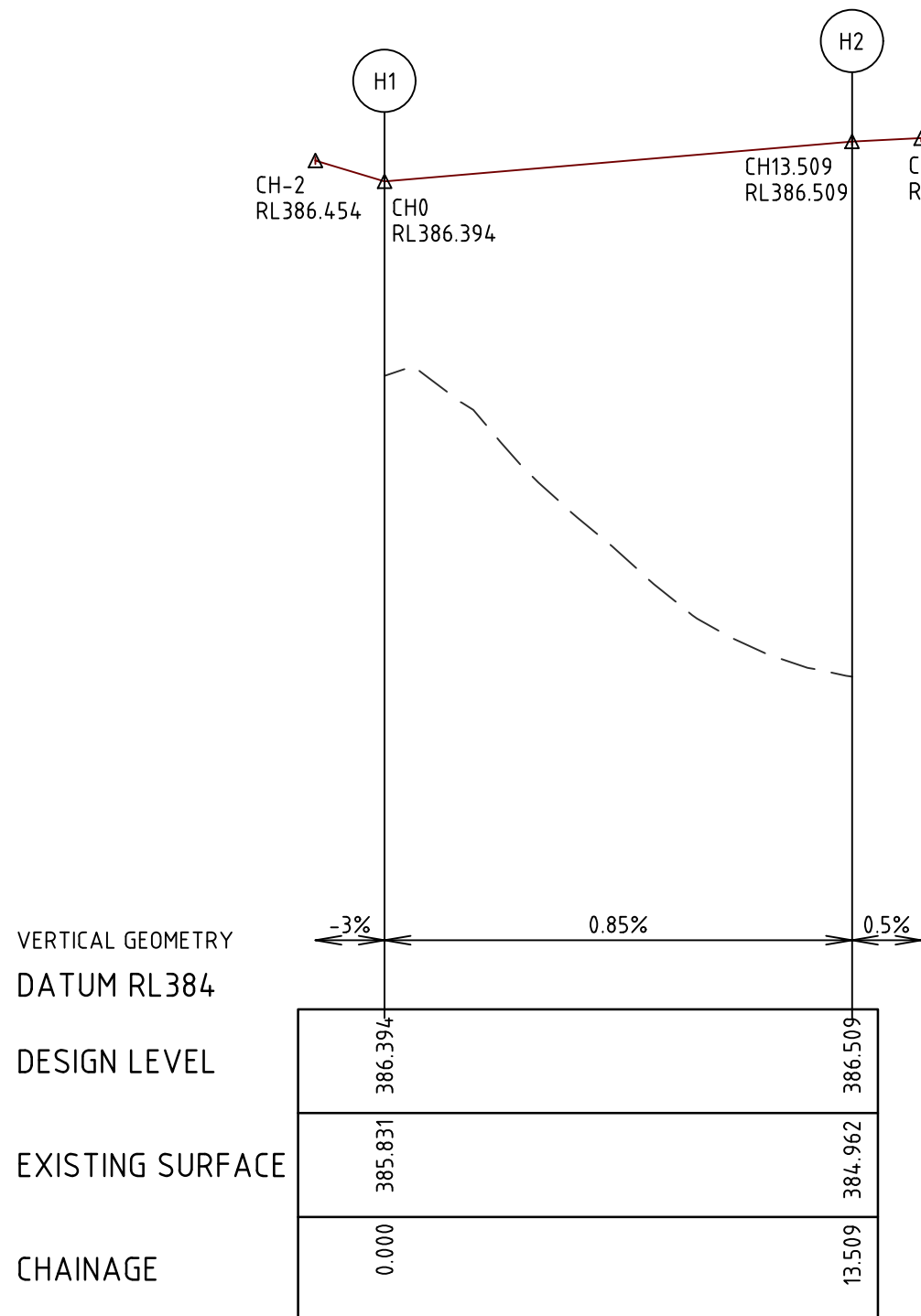
ALIGNMENT FP

Point no	Easting	Northing	RL
FP1	320272.062	5868406.875	391.105
FP2	320274.531	5868425.876	391.200
FP3	320276.001	5868430.410	391.205
FP4	320277.474	5868433.120	391.190
FP5	320277.175	5868441.266	391.147
FP6	320269.888	5868444.921	390.941
FP7	320261.569	5868444.341	390.652
FP8	320257.003	5868444.477	390.480
FP9	320242.673	5868446.340	389.897

Curve no	L	Radius	Arc	A	B	X	Y	L	Mid point RL
FP2 - FP3	21.126	13.000	4.793	0.220	0.165	1.197	1.186	1.198	391.212
FP4 - FP5	61.260	8.000	8.553	1.116	0.832	2.113	1.963	2.138	391.169
FP5 - FP6	61.260	8.000	8.553	1.116	0.832	2.113	1.963	2.138	391.108
FP7 - FP8	11.398	23.000	4.575	0.114	0.085	1.143	1.141	1.144	390.565



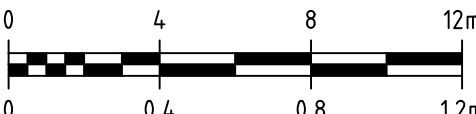
LIP LINE G



LIP LINE H



H 1:200
SCALE @ A1
V 1:20



REV	DATE	DRN	CKD	APP	AMENDMENT
C	07.08.24	WS			RESERVE NO.2 SHARED PATH DETAILS ADDED
B	26.06.24	NT	KCL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE

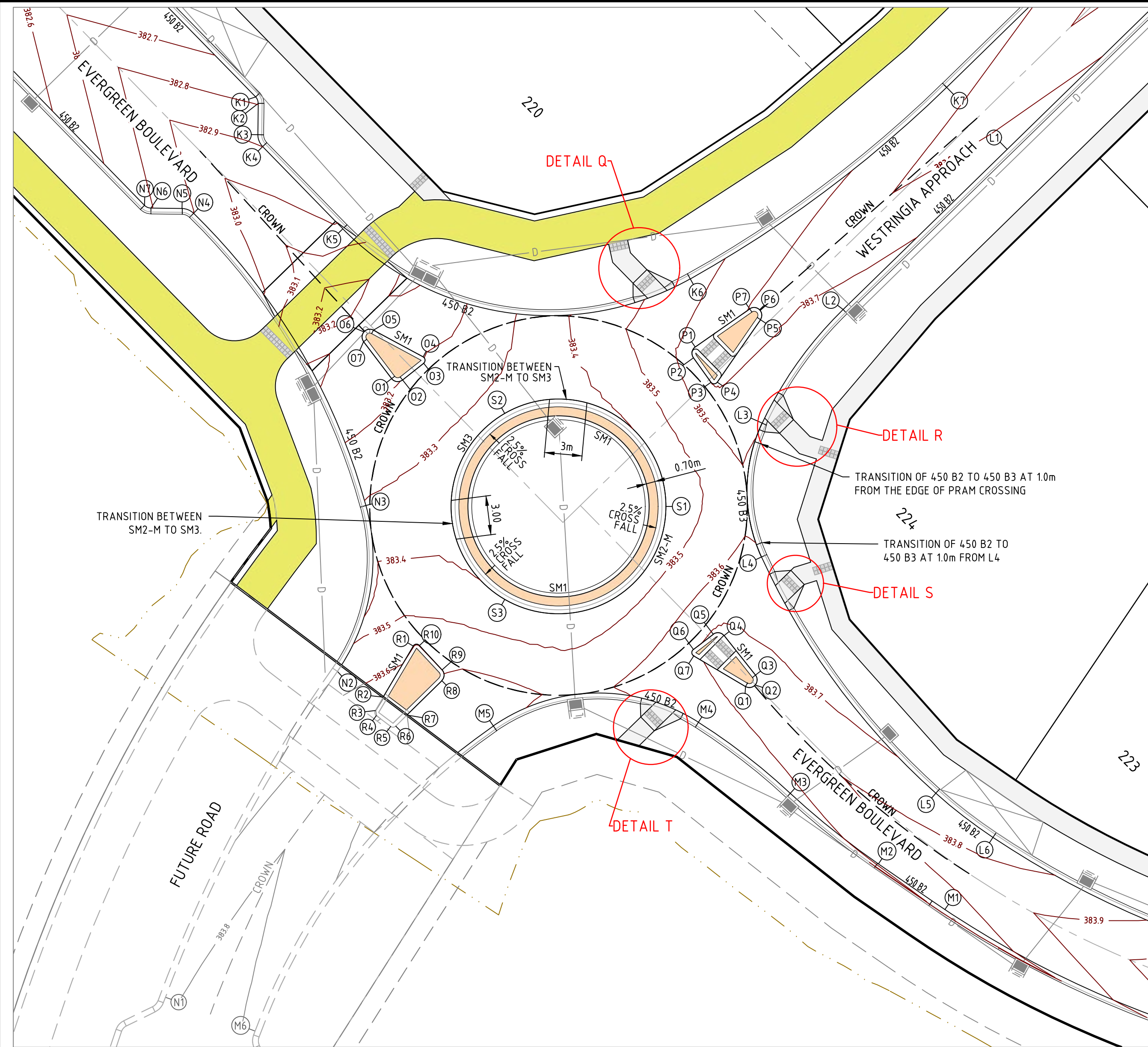
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CLIENT JINDING
APPROVED: PE 0005549 <i>[Signature]</i>
DESIGNED A. MAY
SCALE AS SHOWN

PROJECT BROADSTEAD - STAGE 02
TITLE INTERSECTION DETAILS (SHEET 4 OF 7)
MUNICIPALITY MITCHELL SHIRE COUNCIL
PP No. PLP430/22
DRAWING No. 3265-02-303
REVISION C

ORIGINAL
SIZE
A1



INTERSECTION OF EVERGREEN BOULEVARD / WILDFLOWER VISTA & WESTRINGIA APPROACH

H 1:250
SCALE @ A1

ALIGNMENT K

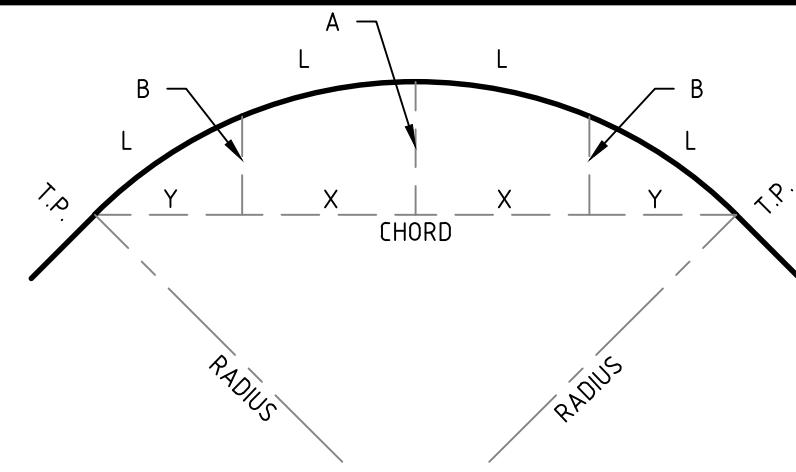
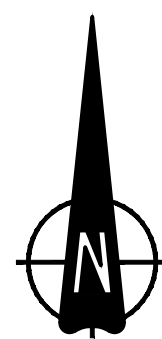
Point no	Easting	Northing	RL
K1	319941.518	5868220.616	382.779
K2	319941.717	5868220.118	382.797
K3	319941.688	5868217.694	382.878
K4	319942.058	5868216.770	382.900
K5	319948.260	5868210.421	382.999
K6	319975.110	5868206.545	383.559
K7	319994.921	5868221.358	383.749

Curve no	L	Radius	Arc	A	B	X	Y	L	Mid point RL
K1 - K2	45.000	0.700	0.550	0.053	0.040	0.137	0.131	0.137	382.788
K3 - K4	45.000	1.300	1.021	0.099	0.074	0.254	0.244	0.255	382.892
K5 - K6	74.927	22.300	29.162	4.600	3.418	7.161	6.403	7.291	383.283
K6 - K7	15.071	94.317	24.808	0.814	0.611	6.198	6.171	6.202	383.685

ALIGNMENT L

Point no	Easting	Northing	RL
L1	319999.602	5868216.565	383.749
L2	319986.918	5868204.177	383.660
L3	319980.669	5868195.395	383.606
L4	319980.613	5868185.046	383.606
L5	319994.087	5868166.779	383.720
L6	319998.504	5868163.361	383.748

Curve no	L	Radius	Arc	A	B	X	Y	L	Mid point RL
L2 - L3	20.490	30.300	10.836	0.483	0.362	2.705	2.684	2.709	383.633
L3 - L4	49.757	12.300	10.682	1.141	0.853	2.650	2.525	2.670	383.579
L4 - L5	23.686	55.300	22.861	1.177	0.882	5.705	5.644	5.715	383.663
L5 - L6	8.006	39.998	5.589	0.098	0.073	1.397	1.395	1.397	383.734



SETOUT DETAIL

N.T.S.

LEGEND

DESCRIPTION	EXISTING	PROPOSED
CENTRAL INVERT	---	---
STORMWATER DRAIN DRAINAGE	---	---
PAVEMENT CONTOUR MINOR	---	---
PAVEMENT CONTOUR MAJOR	---	---

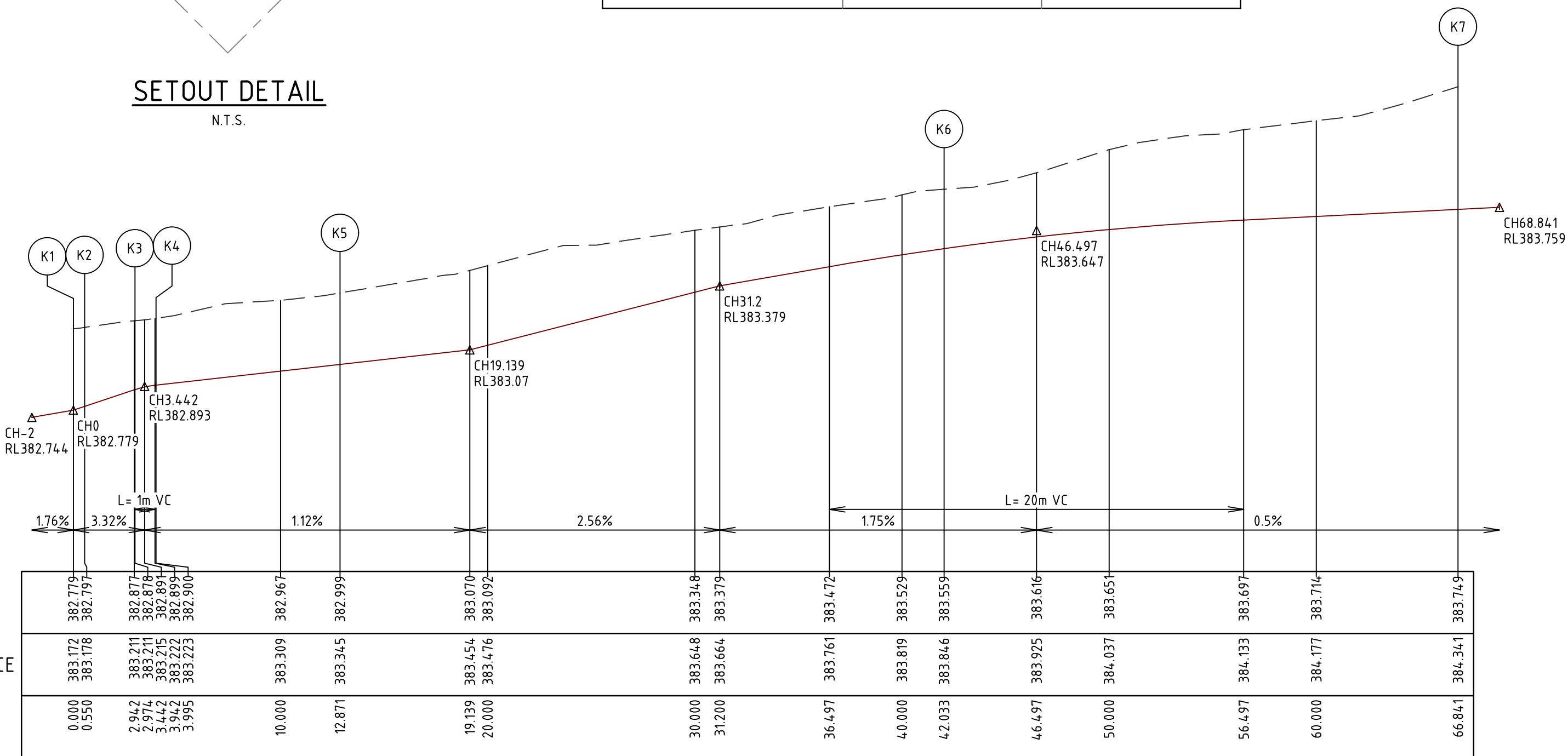
VERTICAL GEOMETRY

DATUM RL382

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE K

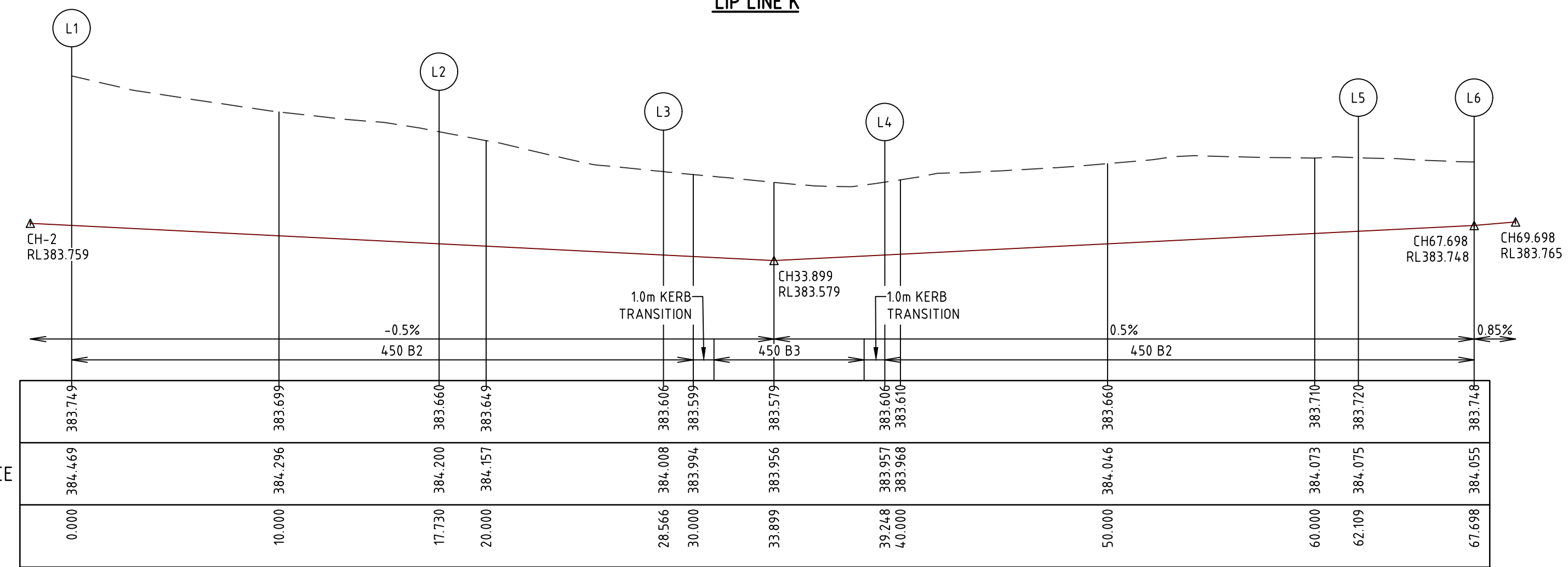
VERTICAL GEOMETRY

DATUM RL383

DESIGN LEVEL

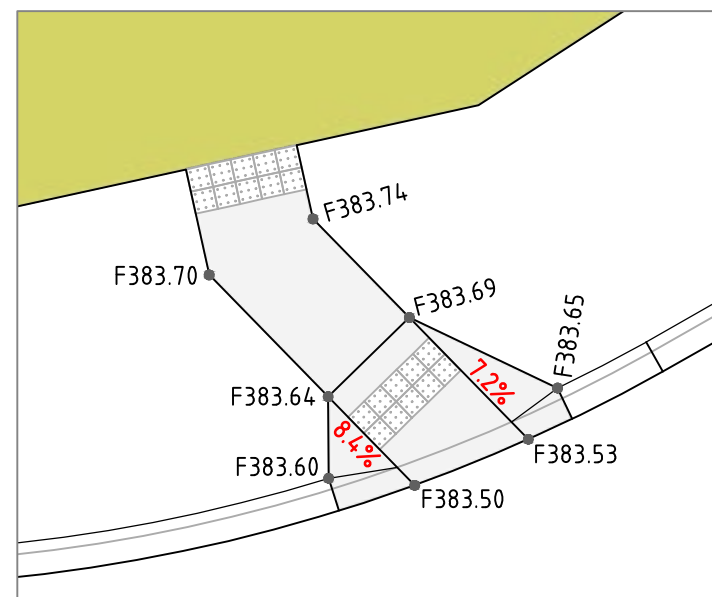
EXISTING SURFACE

CHAINAGE

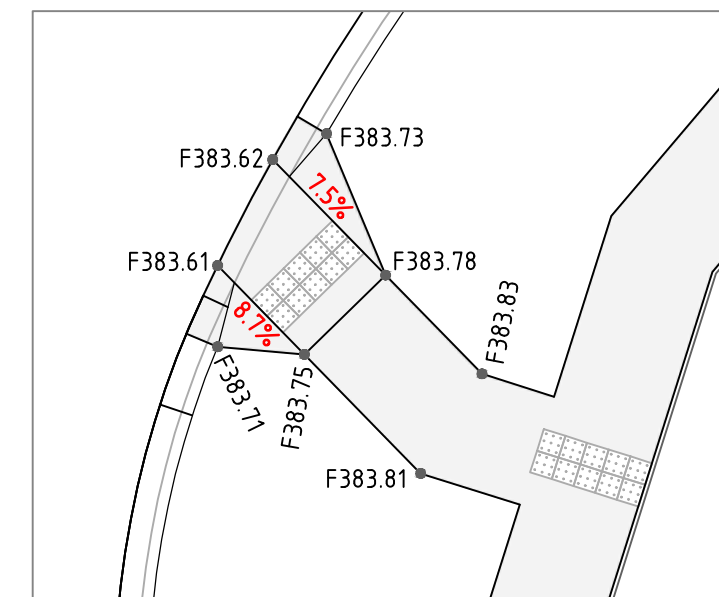


LIP LINE L

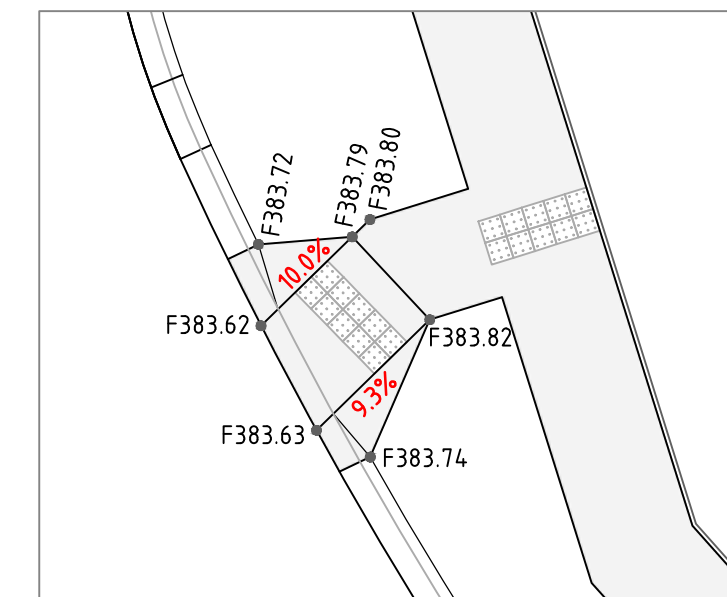
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SCALE @ A1
V 1:20



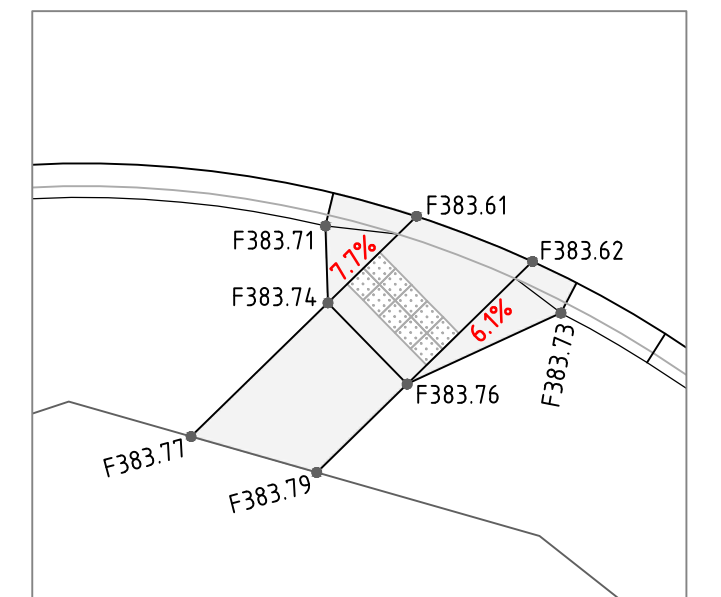
DETAIL Q



DETAIL R



DETAIL S



DETAIL T

H 1:100
SCALE @ A1

C	08.08.24	KCL		REVISED LIP R & CONTOUR LINES
B	26.06.24	NT	KCL	B. J-MONCK ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK INITIAL ISSUE
REV	DATE	DRN	CKD	APP
				AMENDMENT



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CLIENT
JINDING

APPROVED: PE 0005549

DESIGNED
A. MAY
SCALE
AS SHOWN

PROJECT
BROADSTEAD - STAGE 02

TITLE
INTERSECTION DETAILS (SHEET 5 OF 7)

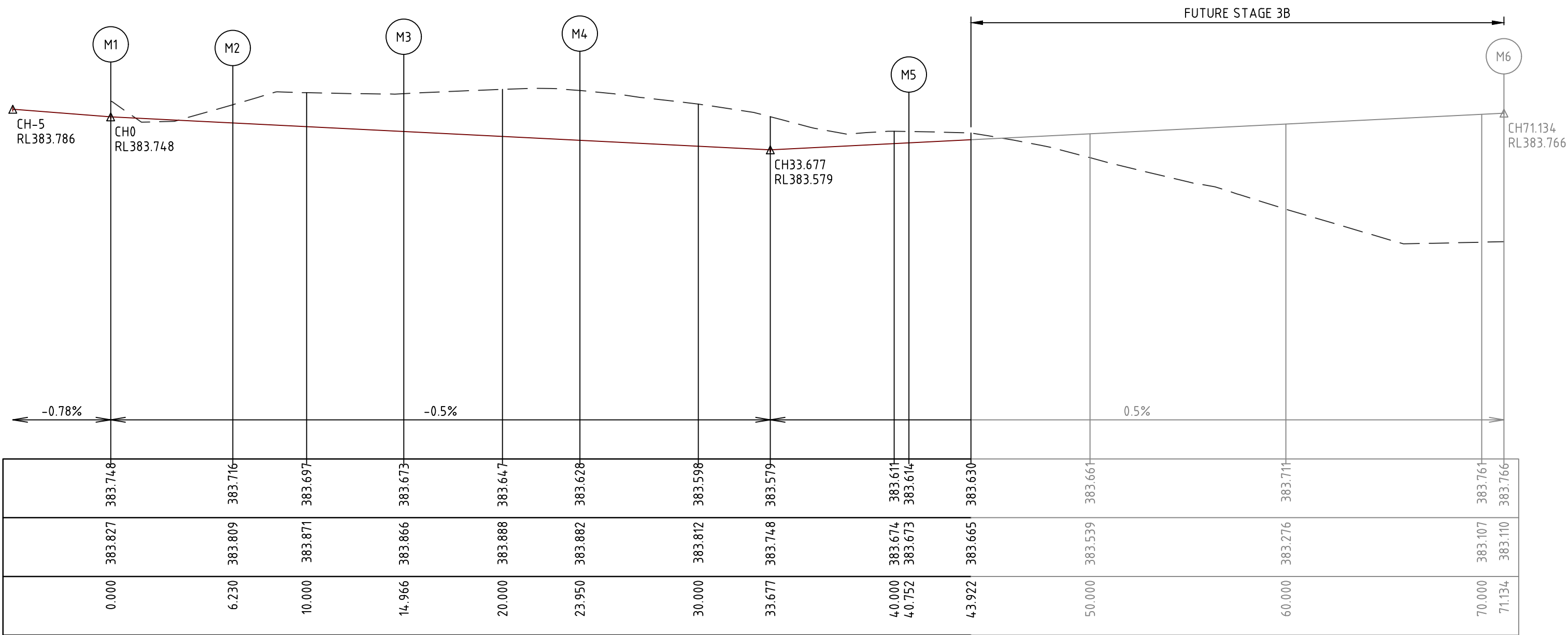
MUNICIPALITY
MITCHELL SHIRE COUNCIL

PP No.
PLP430/22

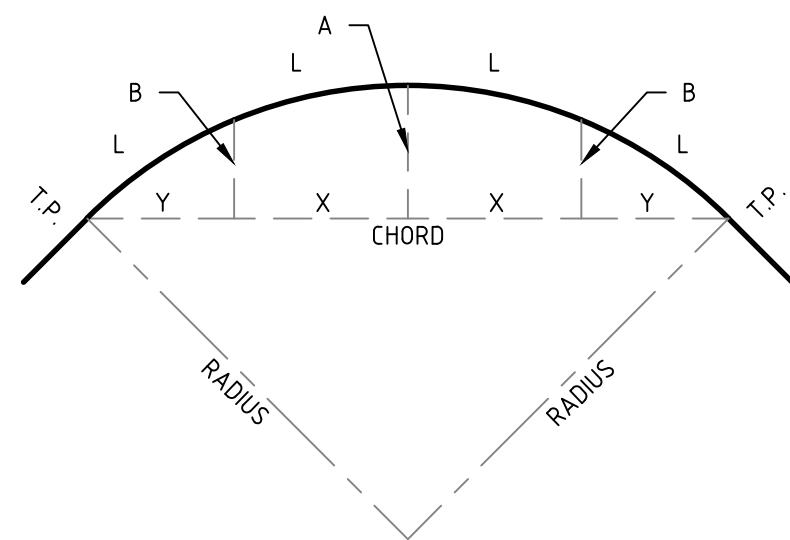
DRAWING No.
3265-02-304

REVISION
C

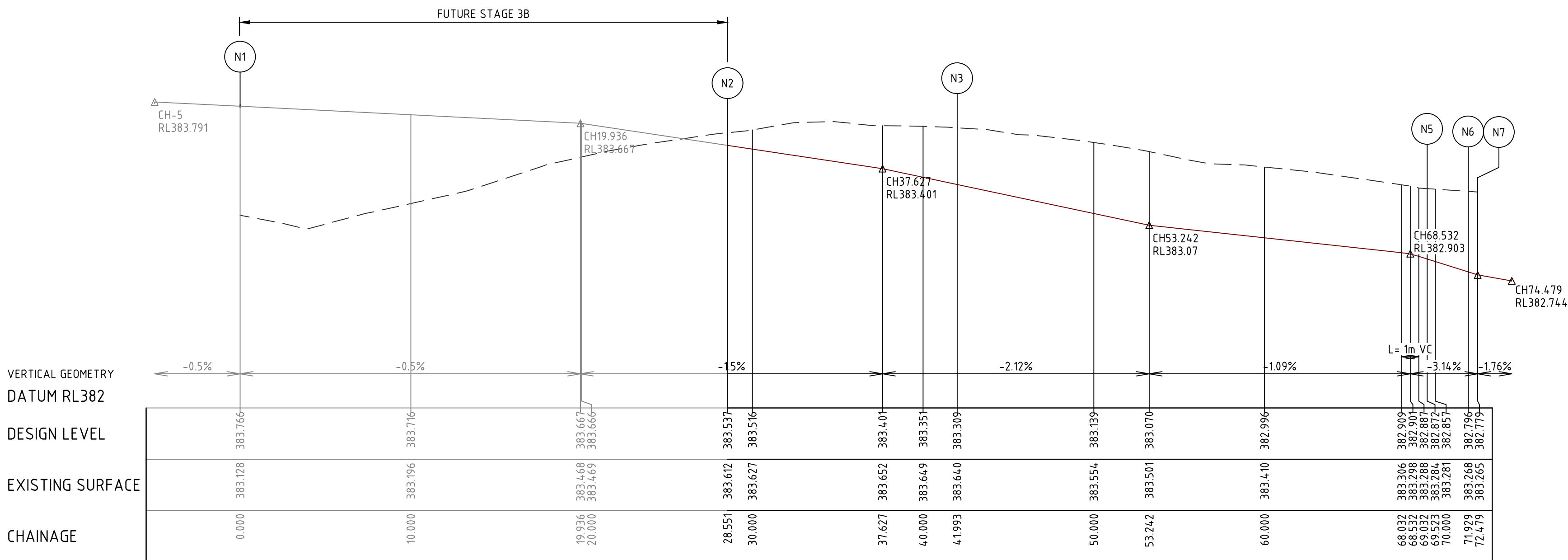
A1
ORIGINAL SIZE



LIP LINE M



SETOUT DETAIL
N.T.S.



LIP LINE N

ALIGNMENT M

Point no	Easting	Northing	RL
M1	319994.782	5868157.789	383.748
M2	319989.650	5868161.320	383.716
M3	319982.837	5868166.777	383.673
M4	319975.741	5868172.267	383.628
M5	319959.892	5868171.978	383.614
M6	319941.475	5868148.395	383.766

Curve no	L	Radius	Arc	A	B	X	Y	l	Mid point RL
M2 - M3	8.315	60.200	8.736	0.158	0.119	2.184	2.181	2.184	383.695
M3 - M4	10.234	50.301	8.984	0.200	0.150	2.245	2.241	2.246	383.650
M4 - M5	67.318	14.300	16.801	2.397	1.785	4.140	3.786	4.200	383.586
M5 - M6	34.611	50.294	30.382	2.277	1.704	7.567	7.394	7.595	383.690

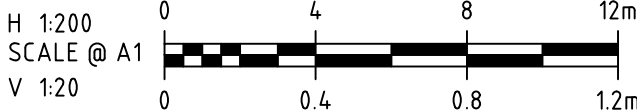
ALIGNMENT N

Point no	Easting	Northing	RL
N1	319934.552	5868151.009	383.766
N2	319947.838	5868176.198	383.489
N3	319950.045	5868189.022	383.309
N4	319936.725	5868211.621	382.901
N5	319935.831	5868211.992	382.872
N6	319933.426	5868212.020	382.796
N7	319932.933	5868212.231	382.779

Curve no	L	Radius	Arc	A	B	X	Y	l	Mid point RL
N1 - N2	14.250	114.800	28.551	0.886	0.665	7.133	7.106	7.138	383.628
N2 - N3	50.336	15.300	13.441	1.453	1.085	3.333	3.173	3.360	383.383
N3 - N4	30.229	50.302	26.539	1.740	1.303	6.616	6.501	6.635	383.048
N4 - N5	43.694	1.300	0.991	0.093	0.070	0.246	0.237	0.248	382.888
N6 - N7	45.026	0.700	0.550	0.053	0.040	0.137	0.131	0.137	382.788



C	08.08.24	KCL		REVISED LIP M & LIP N	
B	26.06.24	NT	KCL	B. J-MONCK ISSUED FOR APPROVAL	
A	16.05.24	NT	KCL	B. J-MONCK INITIAL ISSUE	
REV	DATE	DRN	CKD	APP	AMENDMENT



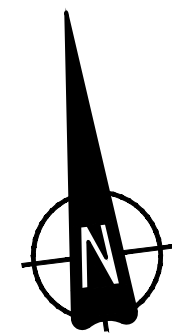
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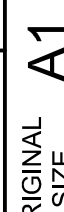
CLIENT
JINDING
APPROVED: PE 0005549
DESIGNED
A. MAY
SCALE
H 1:200 V 1:20

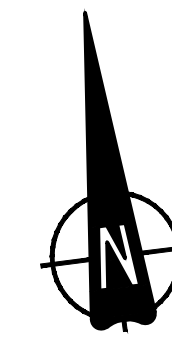
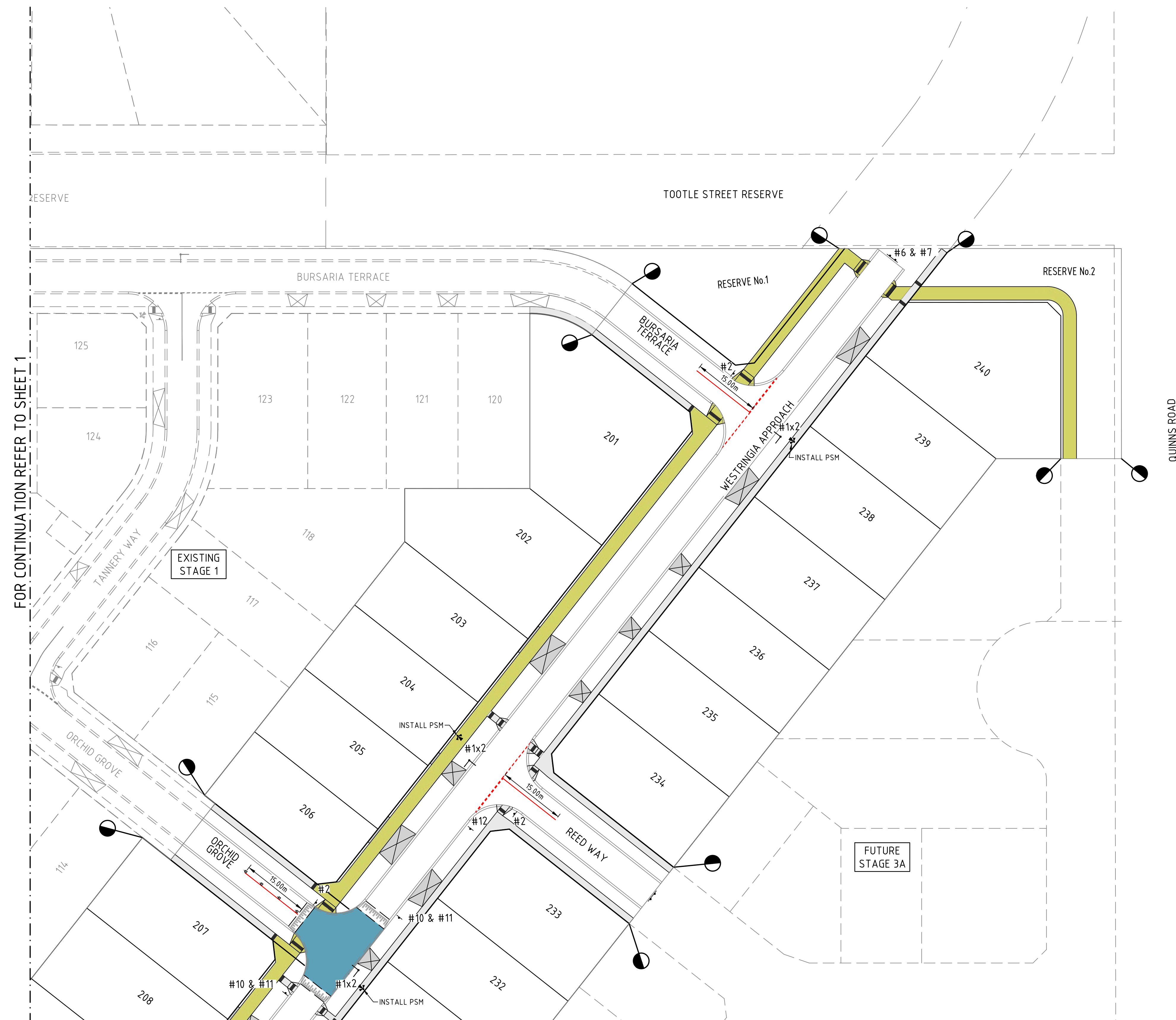
PROJECT
BROADSTEAD - STAGE 02
TITLE
INTERSECTION DETAILS (SHEET 6 OF 7)
MUNICIPALITY
MITCHELL SHIRE COUNCIL
PP No.
PLP430/22
DRAWING No.
3265-02-305
REVISION
C

ORIGINAL SIZE
A1



NOTES	
1.	RRPM'S IN INSTALLED IN ACCORDANCE WITH AS1742.2 CLAUSE 5.6.
2.	LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
3.	LINEMARKING IN ACCORDANCE WITH AS1742.
4.	TGSI TO BE INSTALLED IN ACCORDANCE WITH VICROADS RDN 06-06 - JULY 2010
5.	ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
6.	ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGAUDUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.



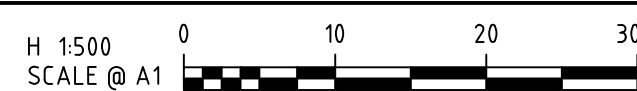


NO.	SIGN CODE	SIGN
#1	STREET NAME	
#2	R1-2	
#3	R1-3	
#4	R2-3(L)	
#5	R3-1	
#6	G9-20	
#7	D4-5	
#8	D4-1-3(L)	
#9	W2-7	
#10	W5-10A	
#11	W8-2A	
#12	W3-4A	

- NOTES**
1. RRPMS IN INSTALLED IN ACCORDANCE WITH AS1742.2 CLAUSE 5.6.
 2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
 3. LINEMARKING IN ACCORDANCE WITH AS1742.
 4. TGS TO BE INSTALLED IN ACCORDANCE WITH VICROADS RDN 06-06 – JULY 2010
 5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
 6. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.



B	26.06.24	NT	<i>R</i>	<i>mul</i>	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J.-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT



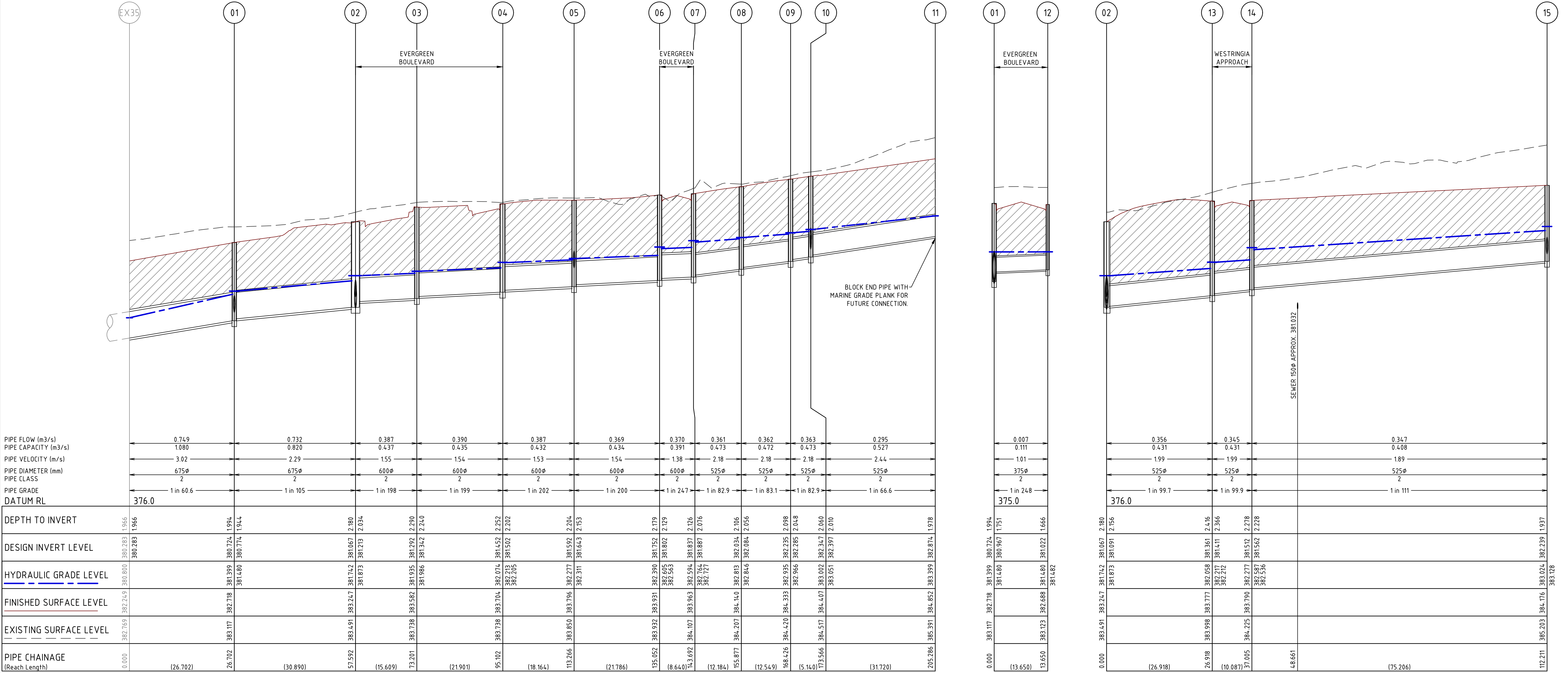
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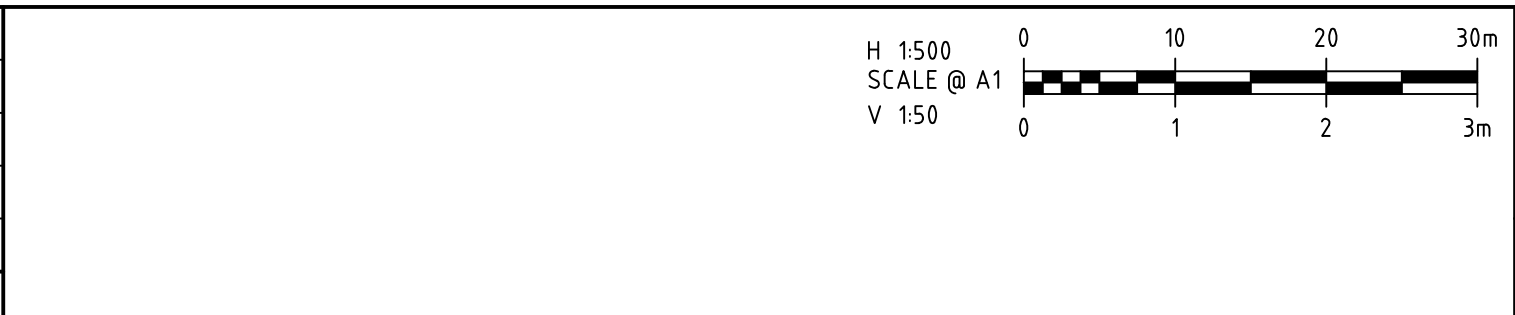
CLIENT 		PROJECT BROADSTEAD - STAGE 02			
APPROVED: PE 0005549 		TITLE SIGNAGE & LINEMARKING PLAN (SHEET 2 OF 2)			
DESIGNED A. MAY		MUNICIPALITY MITCHELL SHIRE COUNCIL		DRAWING No. 3265-02-351	
SCALE 1:500		PP No. PLP430/22		REVISION B	

DENOTES 20mm CLASS 3
FCR BACKFILL.

NOTES:
ALL STORMWATER DRAINS UP TO AND
INCLUDING 750mm DIA. ARE TO BE CLASS 2
R.R.J. PIPES UNLESS NOTED OTHERWISE.



B	26.06.24	NT	<i>[Signature]</i>	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	INITIAL ISSUE
REV	DATE	DRN	OKD	APP



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Level 20, 350 St Kilda Road W cossillwebley.com.au
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E Melbourne.Reception@cosweb.com.au

CLIENT
JINDING

APPROVED PE 0005549
[Signature]

DESIGNED
A. MAY

SCALE
AS SHOWN

PROJECT
BROADSTEAD - STAGE 02

TITLE
DRAINAGE LONGITUDINAL SECTIONS
(SHEET 1 OF 5)

MUNICIPALITY
MITCHELL SHIRE COUNCIL

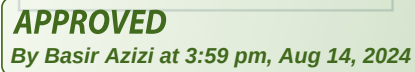
PP No.
PLP430/22

DRAWING No.
3265-02-400

REVISION
B

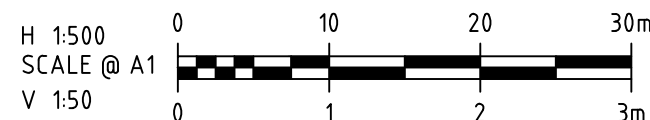
ORIGINAL SIZE
A1

NOTES:
ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.



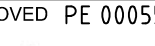
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SCALE @ A1
V 1:50

0 10 20 30m
0 1 2 3m



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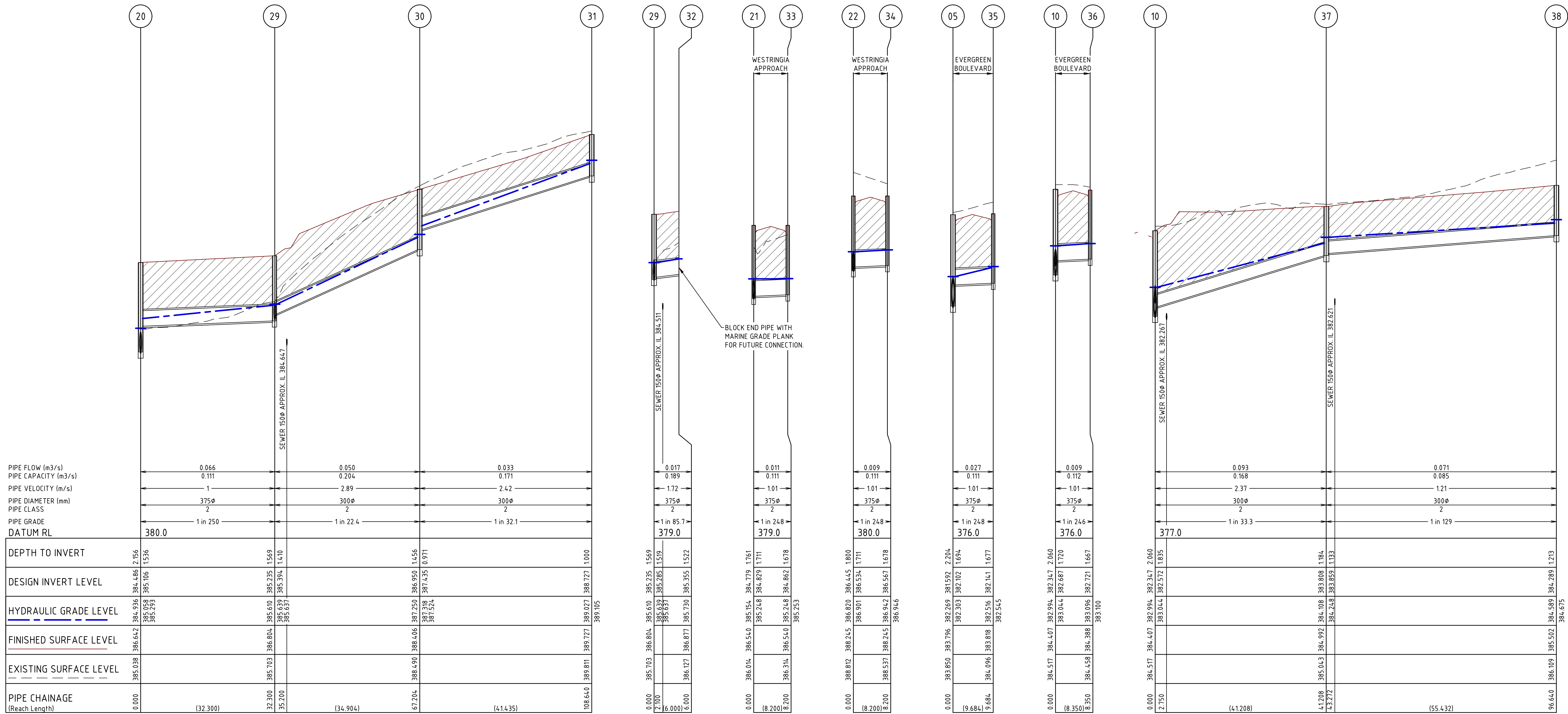
CLIENT	 JINDING	
APPROVED PE 0005549		DESIGNED A. MAY
		SCALE AS SHOWN

PROJECT	BROADSTEAD - STAGE 02		
TITLE	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 5)		
MUNICIPALITY	MITCHELL SHIRE COUNCIL		
PR No.	PLP430/22	DRAWING No.	3265-02-401
			REVISION B

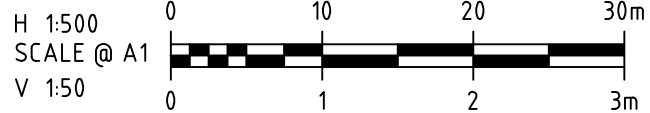
ORIGINAL
SIZE

DENOTES 20mm CLASS 3
FCR BACKFILL.

NOTES:
ALL STORMWATER DRAINS UP TO AND
INCLUDING 750mm DIA. ARE TO BE CLASS 2
R.R.J. PIPES UNLESS NOTED OTHERWISE.



C	30.07.24	NT	<i>B. J-MONCK</i>	DRAINAGE LINE 29-31 & 10-38 FCR BACKFILL ADDED
B	26.06.24	NT	KCL	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	INITIAL ISSUE
REV	DATE	DRN	OKD	APP
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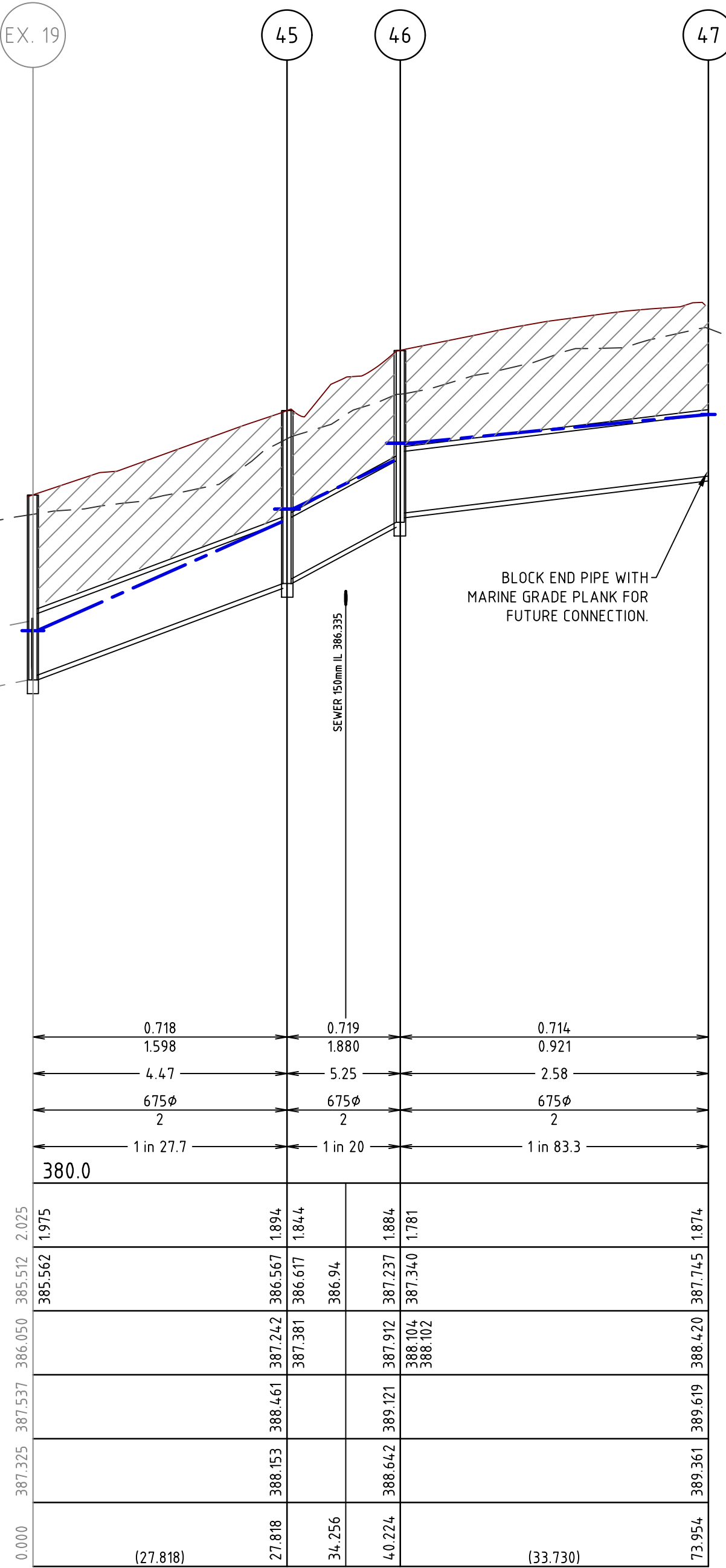
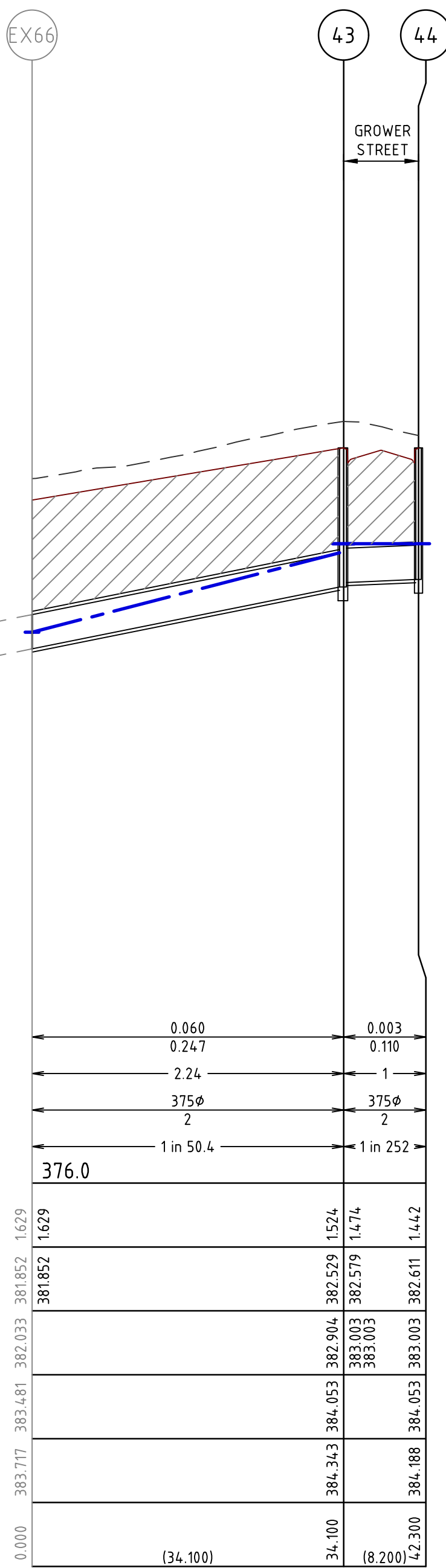
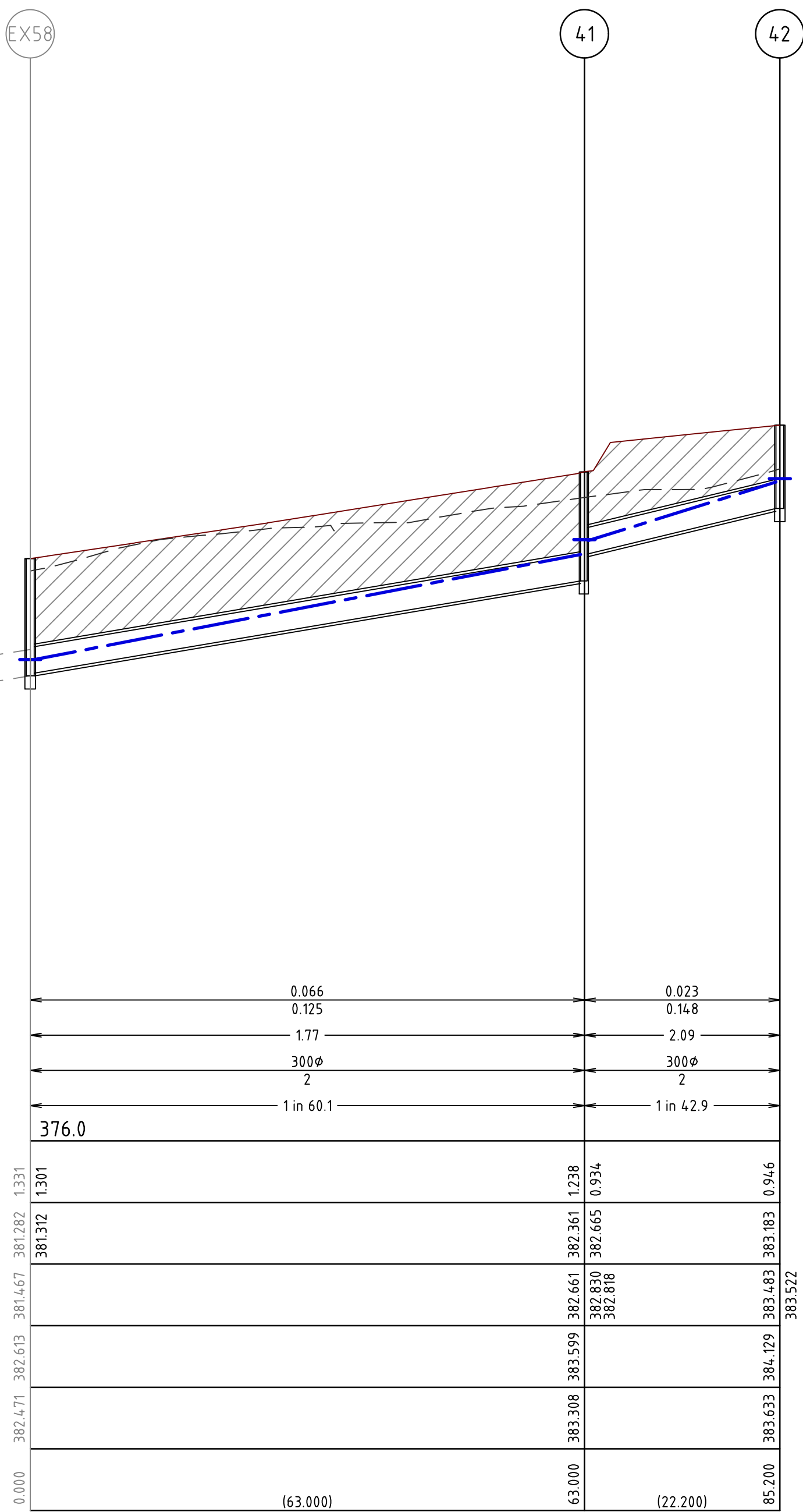
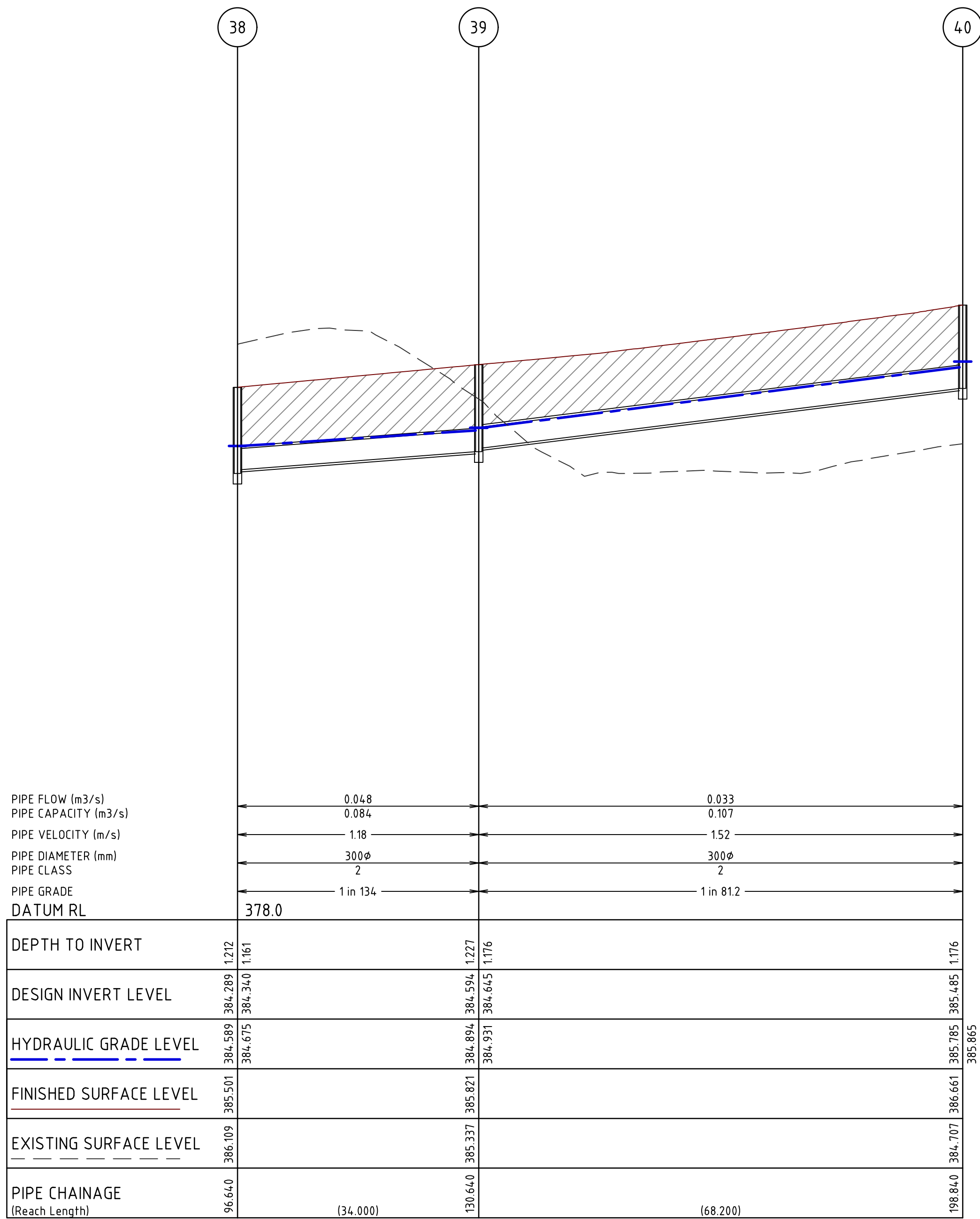
CLIENT
JINDING
APPROVED PE 0005549
B. J-MONCK
DESIGNED
A. MAY
SCALE
AS SHOWN

PROJECT
BROADSTEAD - STAGE 02
TITLE
DRAINAGE LONGITUDINAL SECTIONS
(SHEET 3 OF 5)
MUNICIPALITY
MITCHELL SHIRE COUNCIL
PP No.
PLP430/22
DRAWING No.
3265-02-402
REVISION
C

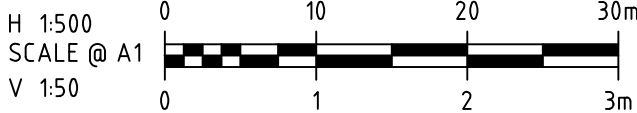
ORIGINAL
SIZE
A1

DENOTES 20mm CLASS 3
FCR BACKFILL.

NOTES:
ALL STORMWATER DRAINS UP TO AND
INCLUDING 750mm DIA. ARE TO BE CLASS 2
R.R.J. PIPES UNLESS NOTED OTHERWISE.



C	30.07.24	NT			DRAINAGE LINE 38-40 & EX58-42 FCR BACKFILL ADDED
B	01.07.24	NT	KCL	B. J-MONCK	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK	INITIAL ISSUE
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CLIENT
JINDING

APPROVED PE 0005549
Basir Azizi

DESIGNED
A. MAY

SCALE
AS SHOWN

PROJECT
BROADSTEAD - STAGE 02

TITLE
DRAINAGE LONGITUDINAL SECTIONS
(SHEET 4 OF 5)

MUNICIPALITY
MITCHELL SHIRE COUNCIL

PP No.
PLP430/22

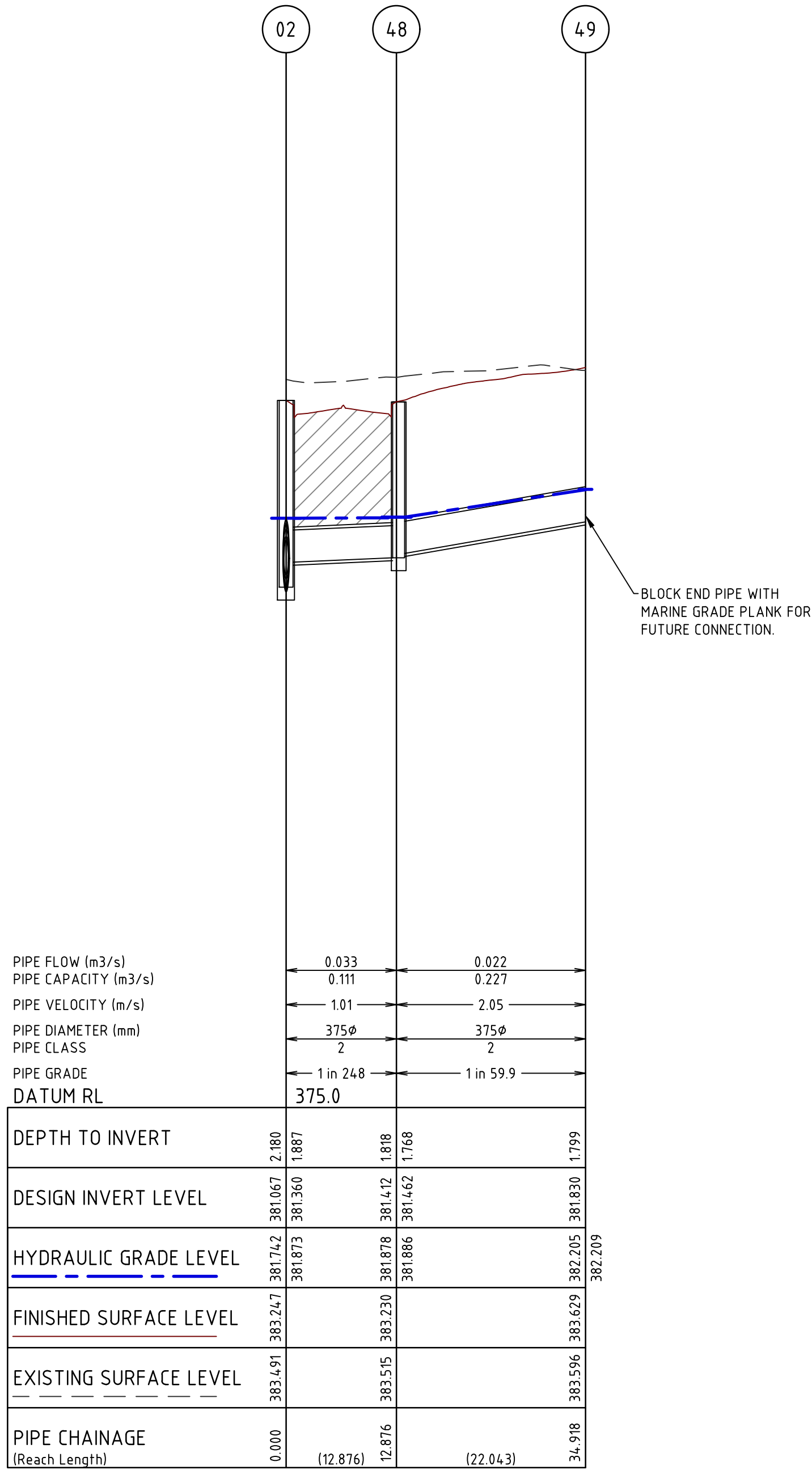
DRAWING No.
3265-02-403

REVISION
C

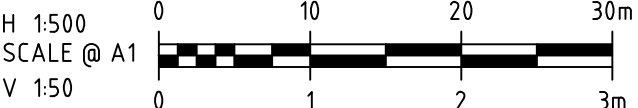
ORIGINAL
SIZE
A1

DENOTES 20mm CLASS 3
FCR BACKFILL.

NOTES:
ALL STORMWATER DRAINS UP TO AND
INCLUDING 750mm DIA. ARE TO BE CLASS 2
R.R.J. PIPES UNLESS NOTED OTHERWISE.



B	26.06.24	NT	<i>[Signature]</i>	ISSUED FOR APPROVAL
A	16.05.24	NT	KCL	B. J-MONCK
REV	DATE	DRN	CKD	APP



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CLIENT		PROJECT	
		BROADSTEAD - STAGE 02	
APPROVED PE 0005549		TITLE	
<i>[Signature]</i>		DRAINAGE LONGITUDINAL SECTIONS (SHEET 5 OF 5)	
DESIGNED A. MAY		MUNICIPALITY MITCHELL SHIRE COUNCIL	
SCALE AS SHOWN		PP No.	REVISION
		PLP430/22	B
		DRAWING No.	
		3265-02-404	

ORIGINAL
SIZE
A1

PIT SCHEDULE

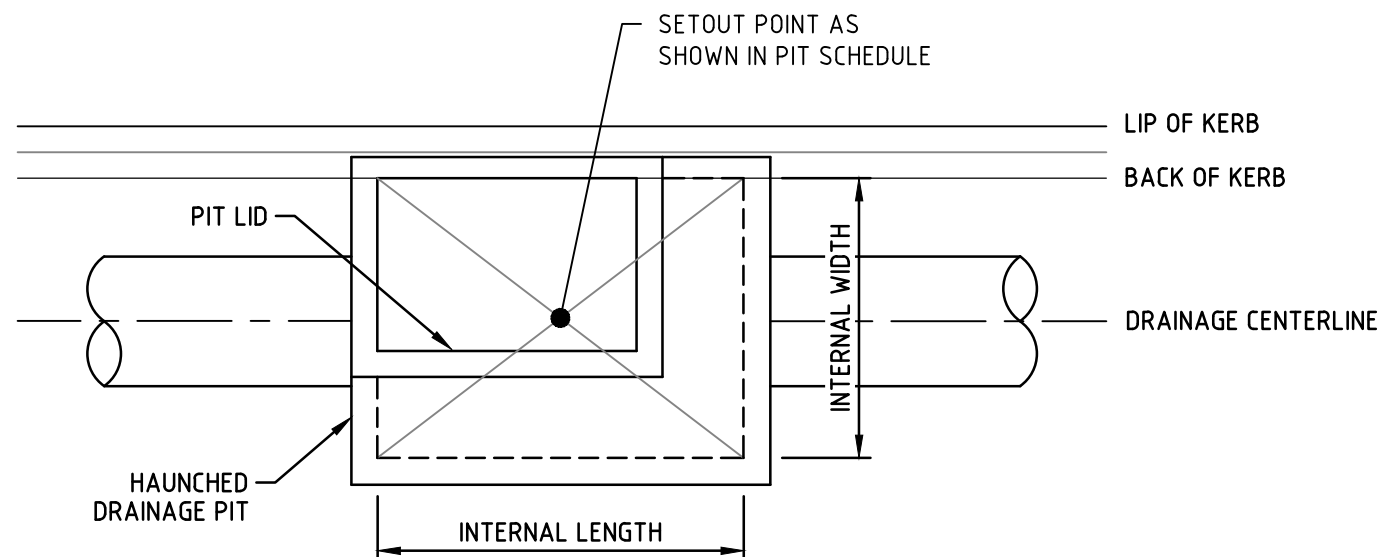
PIT NAME	TYPE	EASTING	NORTHING	INTERNAL WIDTH	INTERNAL LENGTH	INLET DIA	INLET IL	OUTLET DIA	OUTLET IL	PIT SETOUT RL	PIT DEPTH	REMARKS
Ex35	Ex ENDDPIPE	319915.247	5868248.803			675	380.283			382.249	1.966	UNBLOCK EXISTING END PIPE AND CONNECT NEW DRAIN AT GRADE.
1	SIDE ENTRY PIT	319933.904	5868229.700	900	900	675	380.774	675	380.724	382.718	1.994	
						375	380.967					
2	DOUBLE SIDE ENTRY PIT	319954.721	5868206.987	1200	1900	600	381.213	675	381.067	383.247	2.180	DOUBLE SIDE ENTRY PIT ON BACK OF KERB AS PER IDM SD450. HAUNCHED TOWARDS NATURE STRIP.
						525	381.091					
						375	381.360					
3	JUNCTION PIT	319964.674	5868195.096	900	900	600	381.342	600	381.292	383.582	2.290	JUNCTION PIT WITHIN ROAD RESERVE. HAUNCHED AWAY FROM KERB. CLASS D LID.
4	SIDE ENTRY PIT	319966.292	5868173.357	1200	900	600	381.502	600	381.452	383.704	2.252	
5	SIDE ENTRY PIT	319982.667	5868165.711	900	900	600	381.643	600	381.592	383.796	2.204	
						375	382.102					
6	JUNCTION PIT	320000.544	5868153.269	900	900	600	381.802	600	381.752	383.931	2.179	JUNCTION PIT ON BACK OF KERB
7	JUNCTION PIT	320005.807	5868160.102	900	900	525	381.887	600	381.837	383.963	2.126	JUNCTION PIT ON BACK OF KERB
8	JUNCTION PIT	320017.082	5868155.492	900	900	525	382.084	525	382.034	384.140	2.106	JUNCTION PIT ON BACK OF KERB
9	JUNCTION PIT	320029.350	5868152.866	900	900	525	382.285	525	382.235	384.333	2.098	JUNCTION PIT ON BACK OF KERB
10	SIDE ENTRY PIT	320034.448	5868152.204	900	900	525	382.397	525	382.347	384.407	2.06	
						375	382.687					
						300	382.572					
11	END OF LINE	320065.903	5868148.117					525	382.874	384.852	1.978	BLOCKED END PIPE WITH MARINE GRADE PLYWOOD FOR FUTURE CONNECTION IN STAGE 03A
12	SIDE ENTRY PIT	319924.139	5868220.163	600	900			375	381.022	382.688	1.666	
13	SIDE ENTRY PIT	319980.954	5868211.183	900	900	525	381.411	525	381.361	383.777	2.416	
14	SIDE ENTRY PIT	319987.976	5868203.952	900	900	525	381.562	525	381.512	383.790	2.278	
15	SIDE ENTRY PIT	320041.779	5868256.499	900	900	525	382.289	525	382.239	384.176	1.937	
						375	382.455					
16	SIDE ENTRY PIT	320090.356	5868303.941	900	900	450	382.840	525	382.765	384.536	1.771	
						375	382.815					
17	SIDE ENTRY PIT	320111.069	5868324.380	600	900	375	383.327	450	383.252	385.013	1.761	
						375	383.302					
18	JUNCTION PIT	320130.400	5868343.259	600	900	375	383.947	375	383.897	385.787	1.890	JUNCTION PIT ON BACK OF KERB
19	SIDE ENTRY PIT	320142.349	5868343.118	600	900	375	384.289	375	384.239	386.635	2.396	
20	SIDE ENTRY PIT	320148.215	5868348.847	600	900	375	384.536	375	384.486	386.642	2.156	
						375	385.106					
21	SIDE ENTRY PIT	320148.356	5868360.796	600	900	375	384.829	375	384.779	386.540	1.761	
						375	384.829					
22	SIDE ENTRY PIT	320189.014	5868400.504	600	900	375	386.495	375	386.445	388.245	1.800	
						375	386.534					
23	SIDE ENTRY PIT	320218.541	5868429.342	600	900	375	387.726	375	387.676	389.215	1.539	
24	JUNCTION PIT	320241.458	5868451.723	600	900	375	388.193	375	388.143	389.685	1.542	JUNCTION PIT ON BACK OF KERB
25	GRADED PIT	320248.897	5868450.069	600	900			375	388.346	389.960	1.614	FIT WITH GRADED BIKE SAFE LID TO RECEIVE DISCHARGE FROM OPEN SWALE.
26	SIDE ENTRY PIT	320035.945	5868262.473	600	900			375	382.489	384.167	1.678	

PIT SCHEDULE

PIT NAME	TYPE	EASTING	NORTHING	INTERNAL WIDTH	INTERNAL LENGTH	INLET DIA	INLET IL	OUTLET DIA	OUTLET IL	PIT SETOUT RL	PIT DEPTH	REMARKS
27	SIDE ENTRY PIT	320084.521	5868309.915	600	900			375	382.849	384.527	1.678	
28	SIDE ENTRY PIT	320105.34	5868330.247	600	900			375	383.335	385.014	1.679	
29	JUNCTION PIT	320170.783	5868325.739	600	900	300	385.394	375	385.235	386.804	1.569	JUNCTION PIT ON BACK OF KERB
						375	385.285					
30	JUNCTION PIT	320195.754	5868350.127	600	900	300	387.435	300	386.950	388.406	1.456	JUNCTION PIT IN EASEMENT
31	JUNCTION PIT	320225.398	5868379.078	600	900			300	388.727	389.727	1.000	JUNCTION PIT IN EASEMENT
32	END OF LINE	320174.976	5868321.447					375	385.355	386.873	1.518	BLOCK END PIPE WITH MARINE GRADE PLYWOOD FOR FUTURE CONNECTION IN STAGE 03A
33	SIDE ENTRY PIT	320142.627	5868366.663	600	900			375	384.862	386.540	1.678	
34	SIDE ENTRY PIT	320183.284	5868406.370	600	900			375	386.567	388.245	1.678	
35	SIDE ENTRY PIT	319990.477	5868171.418	600	900			375	382.141	383.818	1.677	
36	SIDE ENTRY PIT	320033.372	5868143.924	600	900			375	382.721	384.388	1.667	
37	JUNCTION PIT	320039.757	5868193.069	600	900	300	383.859	300	383.808	384.991	1.183	JUNCTION PIT IN EASEMENT
38	JUNCTION PIT	320079.159	5868231.922	600	900	300	384.340	300	384.289	385.501	1.212	JUNCTION PIT IN EASEMENT
39	JUNCTION PIT	320103.483	5868255.678	600	900	300	384.645	300	384.594	385.821	1.227	JUNCTION PIT IN EASEMENT
40	JUNCTION PIT	320152.274	5868303.329	600	900			300	385.485	386.661	1.176	JUNCTION PIT IN EASEMENT
Ex. 58	JUNCTION PIT	319918.510	5868293.221	600	900	300	381.312			382.613	1.331	CONSTRUCT JUNCTION PIT IN EASEMENT OVER EXISTING END PIPE
41	JUNCTION PIT	319962.514	5868248.137	600	900	300	382.665	300	382.361	383.599	1.238	JUNCTION PIT IN EASEMENT
42	JUNCTION PIT	319978.396	5868263.648	600	900			300	383.183	384.129	0.946	JUNCTION PIT IN EASEMENT
Ex.66	END PIPE	319977.150	5868310.795			375	381.852			383.481	1.629	UNBLOCK EXISTING END PIPE AND CONNECT NEW DRAIN AT GRADE.
43	SIDE ENTRY PIT	320000.869	5868286.294	600	900	375	382.579	375	382.529	384.053	1.524	
44	SIDE ENTRY PIT	319995.002	5868280.565	600	900			375	382.611	384.053	1.442	
Ex. 19	JUNCTION PIT	320180.835	5868456.070	900	900	675	385.512			387.537	2.025	UNBLOCK EXISTING END PIPE AND CONSTRUCT JUNCTION PIT ON BACK OF KERB OVER EXISTING PIPE
45	SIDE ENTRY PIT	320200.379	5868436.274	900	1200	675	386.617	675	386.567	388.461	1.894	
46	SIDE ENTRY PIT	320212.497	5868435.530	900	1500	675	387.340	675	387.237	389.121	1.884	
47	END OF LINE	320236.724	5868458.999					675	387.745	389.619	1.581	BLOCK END PIPE WITH MARINE GRADE PLYWOOD & PROVIDE MARKER POST FOR FUTURE CONNECTION BY UPSTREAM DEVELOPER
48	DOUBLE SIDE ENTRY PIT	319945.592	5868198.042	900	1900	375	381.462	375	381.412	383.230	1.818	DOUBLE SIDE ENTRY PIT ON BACK OF KERB AS PER IDM SD450
49	END OF LINE	319946.885	5868176.120					375	381.830	383.629	1.799	BLOCKED END PIPE WITH MARINE GRADE PLYWOOD FOR FUTURE CONNECTION IN STAGE 03A. PROVIDE MARKER POST.

NOTES:

1. ALL DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE INFRASTRUCTURE DESIGN MANUAL (IDM) AND ASSOCIATED STANDARD DRAWINGS AS REFERENCED WITHIN THE PIT SCHEDULE.
2. STANDARD DRAWINGS REFER TO IDM UNLESS SPECIFIED OTHERWISE.
 - A. JUNCTION PITS ON BACK OF KERB/WITHIN ROAD RESERVES AS PER IDM SD420.
 - B. JUNCTION PITS IN EASEMENTS AS PER IDM SD425.
 - C. SIDE ENTRY PITS IN B2 KERBS AS PER IDM SD430.
3. PITS DEEPER THAN 1.00m SHALL BE FITTED WITH STEP IRONS AS PER VICROADS SD 1041.
4. COVER LEVELS ARE TO BE SET TO MATCH THE FINISHED SURFACE PROFILES AND ADJACENT CONSTRUCTION. COVER TYPE IS TO BE AS PER STANDARD DRAWING REFERENCED UNLESS SPECIFIED OTHERWISE.
5. PITS ARE TO BE HAUNCHED TOWARDS THE NATURE STRIP, TO THE INTERNAL WIDTH/LENGTH SPECIFIED IN THE PIT SCHEDULE IN ACCORDANCE WITH IDM SD410 UNLESS SPECIFIED OTHERWISE.
6. END PIPES ARE TO BE BLOCKED TO COUNCIL SATISFACTION WITH MARINE GRADE PLYWOOD OR SIMILAR.
7. SET OUT COORDINATES PROVIDED ARE TO THE CENTRE OF THE PIT BASE AS PER SETOUT DETAIL.



TYPICAL AT BACK OF KERB SETOUT DETAIL - FOR DRAINAGE PITS

WHERE SPECIFIED 'AT BOK'
NOT TO SCALE



B	0107/24	NT	KCL	J-MONCK	ISSUED FOR APPROVAL
A	16.05/24	NT	KCL	B. J-MONCK	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT

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Cossill & Webley
CONSULTING ENGINEERS

Street Address
Level 20, 390 St Kilda Road W cossillwebley.com.au
Melbourne VIC 3004 T (03) 8548 1560
E Melbourne.Reception@cosweb.com.au

CLIENT		PROJECT BROADSTEAD - STAGE 02	
		TITLE DRAINAGE PIT SCHEDULE	
APPROVED PE 000554/9	DESIGNED A. MAY	MUNICIPALITY MITCHELL SHIRE COUNCIL	
SCALE N.T.S.		PP No. PLP430/22	DRAWING No. 3265-02-420
			REVISION B

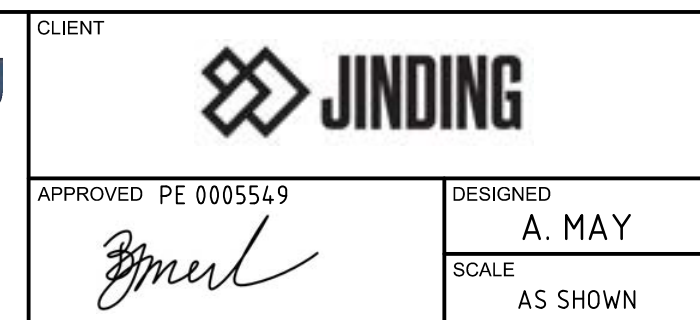
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A	02.07.24	NT	<i>12</i>	<i>Bennett</i>	INITIAL ISSUE
REV	DATE	DRN	CKD	APP	AMENDMENT



PROJECT				BROADSTEAD - STAGE 02			
TITLE				5 YEAR DRAINAGE CALCULATIONS			
MUNICIPALITY				MITCHELL SHIRE COUNCIL			
PP No.	PLP430/22			DRAWING No.	3265-02-440		REVISION
							A

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