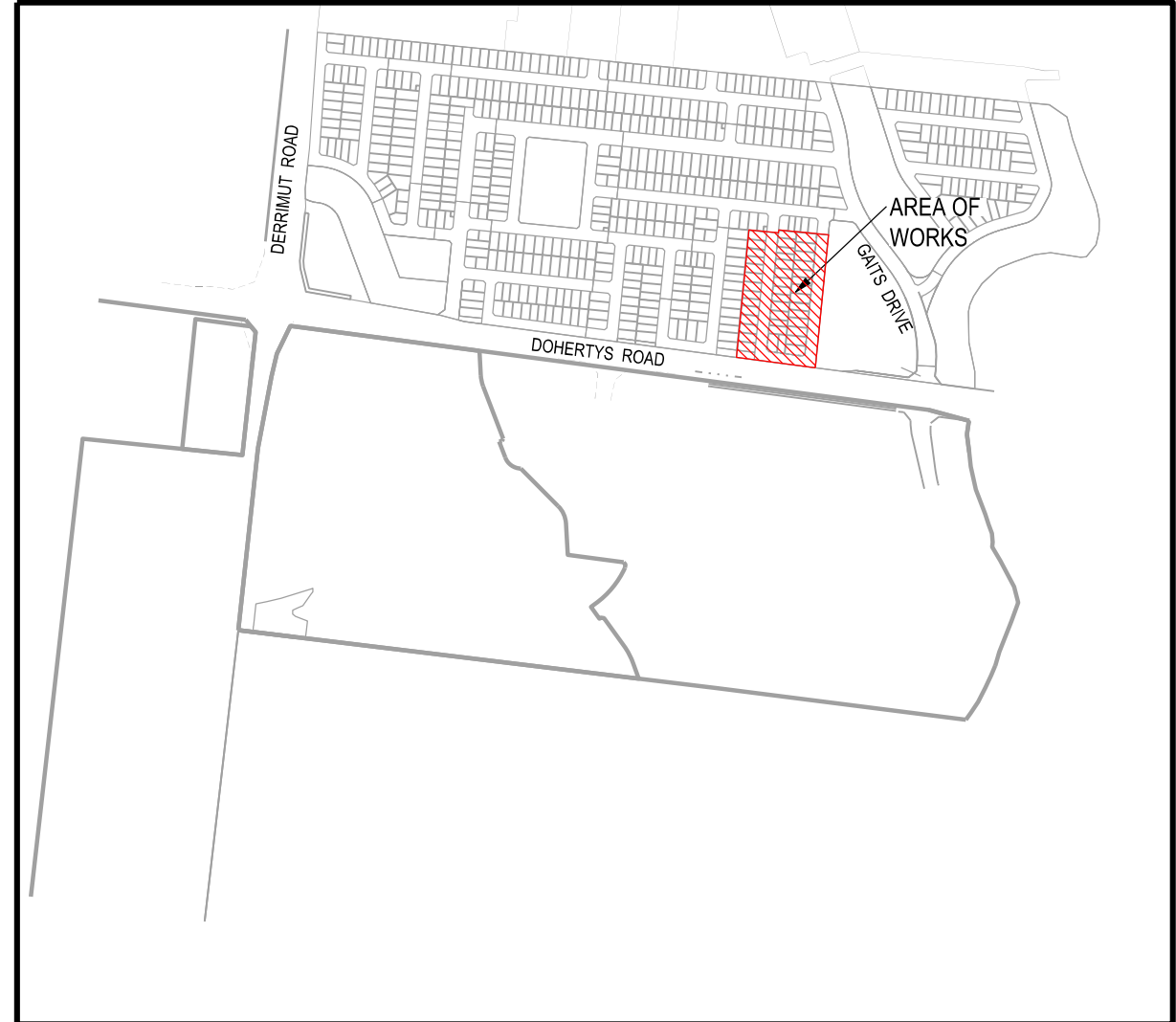
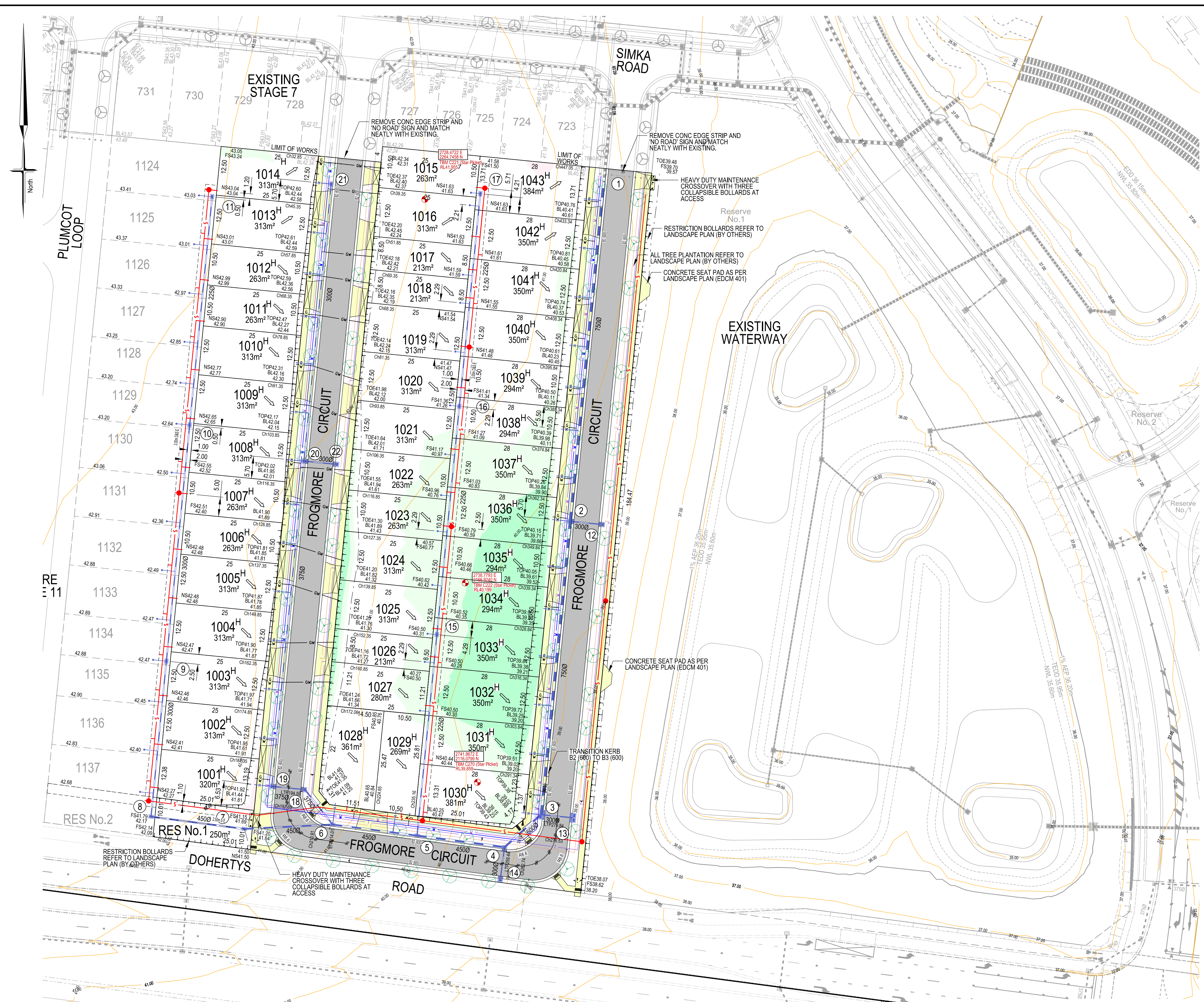




LOCALITY PLAN

SCALE 1:20000



SHEET INDEX

SHT No.	VER	DESCRIPTION
1	D	DETAIL PLAN, LOCALITY PLAN & SERVICES OFFSET TABLE
2	B	GENERAL NOTES & TYPICAL DETAILS
3	A	INTERSECTION DETAILS
4	C	FROGMORE CIRCUIT - LONGITUDINAL & CROSS SECTIONS
5	C	FROGMORE CIRCUIT - LONGITUDINAL & CROSS SECTIONS
6	B	FROGMORE CIRCUIT - CROSS SECTIONS
7	C	FROGMORE CIRCUIT - CROSS SECTIONS
8	A	DRAINAGE LONGITUDINAL SECTIONS
9	A	DRAINAGE LONGITUDINAL SECTIONS
10	A	PIT SCHEDULE
11	B	SIGNAGE & LITEMARKING PLAN

VICTORIAN PROFESSIONAL ENGINEERS
REGISTRATION ACT 2019
REGISTERED ENGINEER: TAO TRAN
REGISTRATION NUMBER: PE0008128

WARNING

BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

AS CONSTRUCTED

ATTENTION TO CONTRACTOR

- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM COORDINATES SHOWN.
- Contractor to ensure that the site is pegged and or set out checked by the licenced surveyor responsible for certifying the Plan of Subdivision prior to underground infrastructure being installed.
- Contractor to ensure pedestrian path and vehicle crossovers are constructed as one section in accordance with Melton Standard Drawings.
- Where concrete works abut a sewer access chamber surround or similar structure, an expansion joint of approved material shall be provided between the two faces.

SYMBOL LEGEND

Drains	Prop	Prev Stage	Ex/Natural/FS Level	+28.57	+NS28.57	+FS28.57
Sewer < 3000	S	S	FS @ Building Line	+BL28.57	+BL28.57	+FS28.57
Water (DW)	W	W	Top/Toe of Batter	+TOP28.57	+TOP28.57	+TOE28.57
Water (NDW)	W	W	Top Ret. Wall Level	+TW28.57		
House Drain	H	H	100yr Flood Level	+FL28.57		
Property Inlet	P	P	Fill Proposed (<0.3m/±0.3m)			
Street Sign	S	S	Cut Proposed			
PSM	PSM	PSM	Asphalt Surface Prop			
Rock Ret Wall	R	R	Concrete Surface Prop			
Sleeper Ret Wall	S	S	Concrete Surface Prop (Paths/Driveways/Slabs)			
Conduits 50mm	GW	GW				
Conduits 100mm	W100	W100				
Street Tree without/with Passive Irrigation (Refer Detail)	Tree	Tree	Retained Tree			
Ex Drains	Ex S	Ex S	Retained Tree No.			
Ex Water DW/NDW	Ex W	Ex W				
Ex Sewer/Gas	Ex S	Ex S				
Ex Elect/Comm	Ex E	Ex E				

SERVICES OFFSETS AND LOCATIONS

Location	Gas	Water		Communications		Electricity		BOK	Road Width	Joint Trenching	Street Classification
		NDW	DW	Cables	Pits	Cables	Poles				
FROGMORE CIRCUIT (West)	2.25 W	2.70 W	3.20 W	1.85 E	1.85 W	2.60 E	1.00 BOK	4.35 W 4.05 E	16.00	G & W, FTTH & E	STREET LEVEL 1
FROGMORE CIRCUIT (East)	2.25 W	2.70 W	3.20 W	1.85 E	1.85 W	2.60 E	1.00 BOK	4.35 W 4.05 E	16.00	G & W, FTTH & E	STREET LEVEL 1
FROGMORE CIRCUIT (West - East)	1.85 N	2.25 N	2.70 N	3.20 N	-	3.95 N	1.00 BOK	5.40 N 1.00 S	14.00	G & W, FTTH & E	STREET LEVEL 1

PLAN

SCALE 1:500

SCALE 1:500 @ A1



breese pitt dixon pty. ltd.
land surveyors civil engineers

1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

CREEKSTONE ESTATE
STAGE N10
DETAIL PLAN

MUNICIPALITY
WYNDHAM

REFERENCE
8584 E/N10

AMENDMENTS	DATE	REMARKS	CHECKED	CH
D	02/04/26	KERB B2 TO B3 AMENDMENTS	MELWAY REF.	359-H-10
C	10/11/25	CONCRETE SEAT PAD AMENDMENTS	SURVEY	BPD
B	09/10/25	CHAINAGE AMENDMENTS	DESIGN	TT
A	01/09/25	ISSUED FOR CONSTRUCTION	DRAWN	TT
VER	DATE	REMARKS	CHECKED	CH

NOTES

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WYNDHAM CITY COUNCIL PLANS AND SPECIFICATIONS APPROVED BY COUNCIL AND TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
2. COUNCIL AND ALL SERVICE AUTHORITIES TO BE NOTIFIED 7 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
3. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM PIPE CHAINAGES.
4. PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.
5. LOTS DENOTED THUS 31H ARE TO BE PROVIDED WITH A 100mm, DIA. HOUSE DRAIN PLACED 5.5m FROM LOW CORNER OF LOT UNLESS SHOWN OTHERWISE. HOUSE DRAIN TO BE CONNECTED TO STORMWATER DRAINS IF PRESENT. COVER AT THE BUILDING LINE TO BE MINIMUM OF 600mm.
6. ALL PIPES UNDER ROAD PAVEMENTS TO BE RRJ RCP (REFER DRAINAGE LONGITUDINAL SECTIONS FOR RELEVANT PIPE CLASS). ALL OTHER PIPES TO BE RRJ RCP CLASS 2.
7. DRAINAGE PIPES LAID ON A CURVE MUST BE RRJ AND THE RADIUS OF CURVATURE COMPLY WITH THE MANUFACTURERS SPECIFICATIONS.
DRAINAGE PIPES LAID ON A CURVE SHALL HAVE THE BUILDING LINE PEGGED AT MINIMUM 15m INTERVALS.
8. ALL SEWER MAINS, CONDUITS & PIPES UNDER ROAD PAVEMENT, CONCRETE DRIVEWAYS, FOOTPATHS AND PARKING BAYS ARE TO BE BACKFILLED WITH 20mm CLASS 2 BASALTIC FCR COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. WHERE SEWER MAINS ARE ADJACENT TO STORMWATER PIPELINES THE BACKFILL OF THE DEEPER TRENCH SHALL BE IN ACCORDANCE WITH COUNCILS STANDARD DRAWING SD6-10 (1996)
9. DRAINAGE PIPES BEHIND BACK OF KERB TO BE BACKFILLED WITH 20mm, CLASS 3 BASALTIC ROCK COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
10. AGRICULTURAL PIPE DRAINS TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS. REFER TO VPA STANDARD DRAWING EDM 202.
11. PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING ALL RELEVANT REGULATIONS, HAVE BEEN ADDRESSED. IN PARTICULAR, THE REQUIRED NOTIFICATIONS MUST BE CONVEYED TO THE VICTORIAN WORKCOVER AUTHORITY - HEALTH & SAFETY DIVISION WITH RESPECT TO TRENCHING OPERATIONS. DETAILS OF THE CONTRACTORS OCCUPATIONAL HEALTH & SAFETY PROCEDURES MUST BE LODGED WITH THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORKS.
12. BATTERS SHALL BE IN 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.
13. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
a) SOURCE OF QUARRY MATERIAL.
b) OPTIMUM MOISTURE CONTENT AND MAXIMUM MODIFIED DRY DENSITY OF THE F.C.R. TO BE USED (FROM NATA APPROVED LABORATORY).
c) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF WORKS, NEW TEST RESULTS SHALL BE PROVIDED.
14. NO TOP SOIL SHALL BE REMOVED FROM LAND COVERED BY THE SUBDIVISION WITHOUT THE WRITTEN CONSENT OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. THE TRUCK ROUTE FOR REMOVAL OF SPOIL FROM SITE IS TO BE SUBMITTED TO AND APPROVED BY THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE IN WRITING PRIOR TO COMMENCEMENT OF ANY WORK.
15. ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM THE SITE.
16. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING AND PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS ETC. NECESSARY TO KEEP THE WORKS IN A SAFE AND STABLE CONDITION AND PROTECT THE PUBLIC FROM THE WORK AS PER AUSTRALIAN STANDARD AS1742.1.2.3 -1986.
17. REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLANS. NO MATERIAL IS TO BE BURNT ON SITE.
18. ANY FOOTPATH OR KERB AND CHANNEL DAMAGED DURING CONSTRUCTION AND MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
19. LOTS TO BE GRADED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE FRONT TO REAR OR REAR TO FRONT.
20. FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED USING APPROVED CLAY FILL, AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS3798-2007, SECTION 8.2, LEVEL 1 (GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS). ON COMPLETION THE CONTRACTOR SHALL PRESENT A "LEVEL 1" TYPED REPORT, FROM A NATA REGISTERED SOIL TESTING LABORATORY, NOMINATING THE EXTENT OF FILL PLACED, ITS CONFORMANCE WITH THE SPECIFICATION AND ITS CLASSIFICATION AS "CONTROLLED FILL". IF ANY SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED.
21. 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 PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
22. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED PRIOR TO THE COMMENCEMENT OF WORKS.
23. THE WATER CONDUIT OFFSET FROM THE LOT BOUNDARY IS GIVEN ON THE WATER RETICULATION PLAN. THE CONTRACTOR MUST CONSTRUCT CONDUITS TO ACCORD WITH THE GIVEN OFFSET AND ENSURE THAT THE CONCRETE MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.
24. TELSTRAINBN Co TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
25. ALL DRIVEWAYS TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.
26. TRANSITION FROM STANDARD TO ROLLOVER KERB AND CHANNEL AT SIDE ENTRY PITS.
27. B2 AND B3 PROFILE KERB AND CHANNEL TO BE CONSTRUCTED IN ALL STREET UNLESS OTHERWISE SHOWN.
28. PSM's TO BE HIGH STABILITY TYPE. REFER TO COUNCIL STANDARD DRAWING SD11-10. MGA CO-ORDINATES AND AHD LEVEL TO BE SUPPLIED TO COUNCIL.
29. ALL PAVEMENTS TO BE COMPACTED TO 98% AUSTRALIAN DRY DENSITY. PAVEMENT DEPTH MAY NOT BE MODIFIED UNLESS APPROVED BY COUNCIL TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
30. OFF-STREET PARKING TO BE IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-6A
31. ALL 125mm THICK FOOTPATH CONCRETE PAVING TO BE REINFORCED WITH SL72 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH VPA STANDARD DRAWING EDM 401.
32. CONCRETE BIN AREAS TO BE 125mm THICK CONCRETE PAVING TO BE REINFORCED WITH SL62 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH COUNCIL STANDARD DRAWING No SD2-1.
33. THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBM's AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTATEMENT AT THE CONTRACTORS EXPENSE.
34. ALL SIGNS AND TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH AS 1742-1.2.3 -1986. LINE MARKING SHALL BE IN ACCORDANCE WITH VICROADS REQUIREMENT WITH LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR OR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 710 & 722).
35. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR MUST SUBMIT A SMP TO THE DEVELOPER'S CONSULTANT FOR APPROVAL. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENTAL PROTECTION AUTHORITY PUBLICATION No.275 "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" AND MM SITE ENVIRONMENTAL MANAGEMENT POLICY 3.8.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
36. PRIOR TO START OF WORKS ON SITE, A PRE-COMMENCEMENT MEETING MUST BE HELD BETWEEN DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE, THE DEVELOPER'S CONSULTANT AND THE CONTRACTOR.
37. PRIOR TO COMMENCING WORKS ON SITE, THE CONTRACTOR MUST OBTAIN ROAD OPENING/WORKS PERMITS FROM COUNCIL FOR ANY WORKS WITHIN EXISTING ROAD RESERVES OR WORKS ON ANY EXISTING INFRASTRUCTURE.
38. STREET NAMES TO BE INSTALLED ON PUBLIC LIGHTING POLES AT INTERSECTIONS WHERE POSSIBLE. ALL SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-1.
39. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON BOTH SIDES OF THE KERB AND CHANNEL WITH W FOR WATER, RW FOR RECYCLED WATER, G FOR GAS, T FOR TELECOMMUNICATIONS & E FOR ELECTRICITY (REFER COUNCIL STANDARD DRG SD11-8).
40. THE CONTRACTOR IS TO INSTALL BLUE RRPMS ON THE ROAD CENTRLINE AND MARKER POSTS TO INDICATE THE LOCATION OF FIRE PLUGS OR HYDRANTS IN ACCORDANCE WITH WYNDHAM CITY COUNCIL'S STANDARD DRAWING SD11-11.
41. GAS AND WATER CONDUITS TO BE 50mm & 100mm DIAMETER RESPECTIVELY.
42. ALL SERVICE TRENCHES UNDER CONCRETE FOOTPATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK MATERIAL.
43. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED TO LEVEL 1 AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
44. PROVIDE 1.8m HIGH PALING FENCE ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND MUNICIPAL RESERVE. PALINGS TO BE ON THE RESERVE SIDE AND CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-5B.
45. PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MW STD. DWG. 7251/4/203) ALONG EDGE OF OUTFALL DRAINS. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.
46. PROVIDE TIMBER BOLLARDS AT 1.5m CTS AS PER COUNCIL STANDARD DRAWING SD10-2 AT A 0.25m OFFSET FROM THE RESERVE TITLE BOUNDARY.
47. UNLESS APPROVED OTHERWISE BY COUNCIL, ALL DRAINAGE LINES CONSTRUCTED SHALL BE INSPECTED BY AN INDEPENDENT TESTING ORGANISATION AS PER WYNDHAM CITY COUNCIL UNDERGROUND STORMWATER DRAINAGE SPECIFICATION 701 AND USING CLOSED CIRCUIT TELEVISION (CCTV) TO VERIFY THAT THE FLOW OF WATER IS NOT OBSTRUCTED BY WASTE CONSTRUCTION MATERIAL LEFT INSIDE AND TO CHECK FOR VISIBLE SIGNS OF DEFECTS. REPORTING OF THE CCTV INSPECTIONS SHALL BE IN ACCORDANCE WITH WSA 05/2020 13 - CONDUIT INSPECTION REPORTING CODE OF AUSTRALIA, PUBLISHED BY WATER SERVICES ASSOCIATION OF AUSTRALIA. THE REPORT SHALL BE PROVIDED TO COUNCIL, WITH A COPY OF THE CCTV RECORD INCLUDING ANY VIDEO RECORDINGS AND A SUMMARY OF THE LOCATION OF ANY DEFECTS DETECTED BY THE SURVEY. ANY SECTIONS OF DAMAGED PIPE OR BOX CULVERT WHICH DO NOT COMPLY WITH THE REQUIREMENTS OF CLAUSE 701.31 SHALL BE REMOVED AND REPLACED. WHERE APPROVED BY COUNCIL DEFECTS SHALL BE REPAIRED IN ACCORDANCE WITH THE REQUIREMENTS OF CLAUSE 701.31 AND A FURTHER CCTV SURVEY SHALL BE UNDERTAKEN TO VERIFY CORRECTION OF THE DEFECTS.

PAVEMENT COMPOSITION (Stage N10)

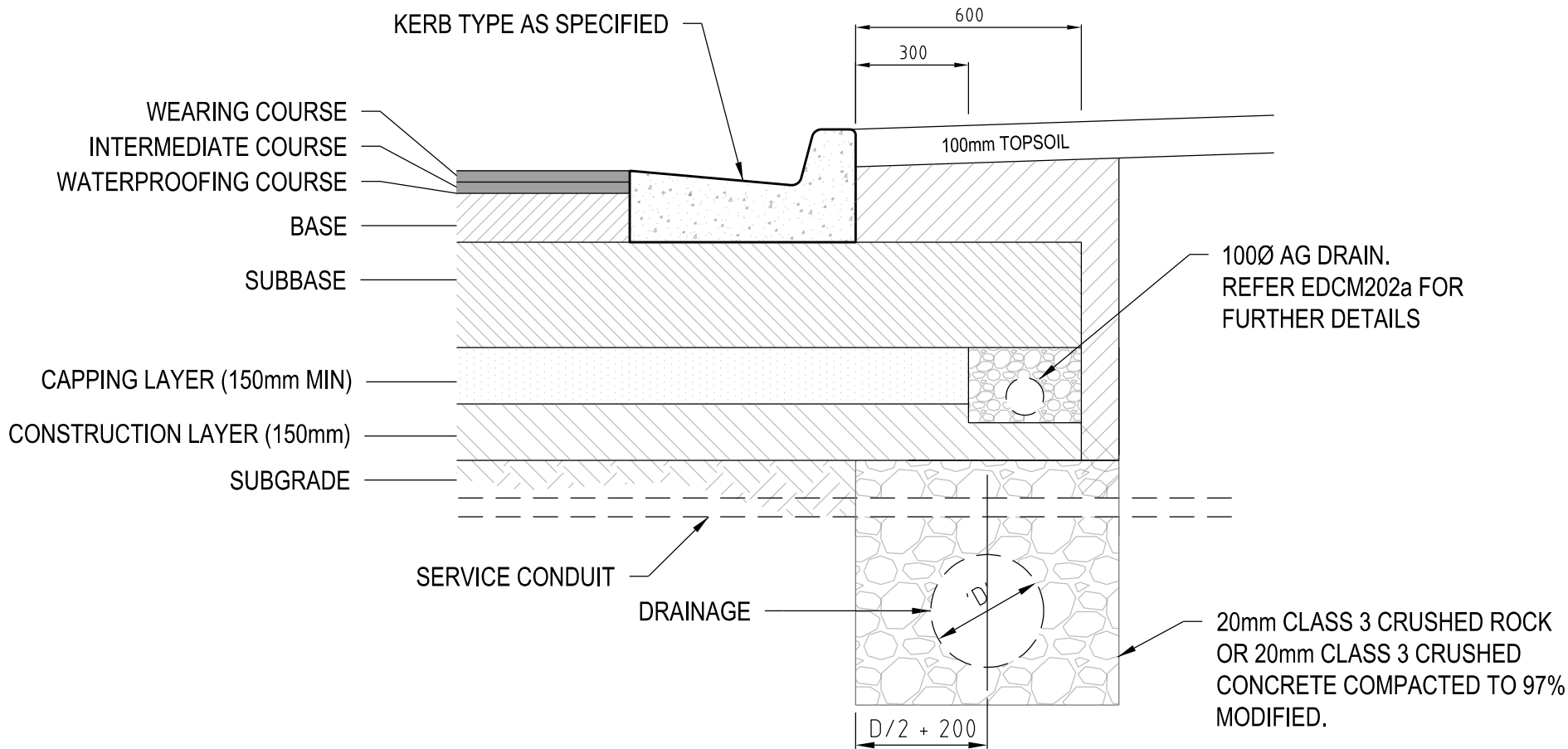
REFER TONKIN+TAYLOR GEOTECHNICAL INVESTIGATION, Creekstone Estate North, Truganina, May 2022.

TYPE 1 (≤ 300 VPD) - FROGMORE CIRCUIT

WEARING COURSE	30mm	Size 10mm TYPE N CLASS 320 ASPHALT.
STRUCTURAL COURSE	30mm	Size 10mm TYPE N CLASS 320 ASPHALT.
WATERPROOFING COURSE		Size 10mm SAMI SEAL with S45R BINDER.
BASE	130mm	Size 20mm Class 2 Crushed Rock, Compacted to a minimum characteristic density ratio of 100% Modified Maximum Dry Density AS1289, 5.2.1
SUBBASE	100mm	Size 20mm Class 3 Crushed Rock, Compacted to a minimum characteristic density ratio of 98% Modified Maximum Dry Density AS1289, 5.2.1
CAPPING LAYER	210mm	Type A material capping layer CBR 8% or greater, swell < 1.5%, permeability $k < 1 \times 10^{-9}$ m/s (5×10^{-7} cm/s) compacted to a minimum dry density of 98% (modified) AS1289.5.2.1.
TOTAL	500mm	
CONSTRUCTION LAYER	150mm	Type A material capping layer CBR 8% or greater, swell < 1.5%, permeability $k < 1 \times 10^{-9}$ m/s (5×10^{-7} cm/s) compacted to a minimum dry density of 98% (modified) AS1289.5.2.1.

SUBGRADE:

Material as found (CLAY), compacted to a minimum mean density ratio of 100% Standard Maximum Dry Density AS1289, 5.1.1, compacted at moisture contents of $\pm 2.0\%$ of standard optimum moisture content.

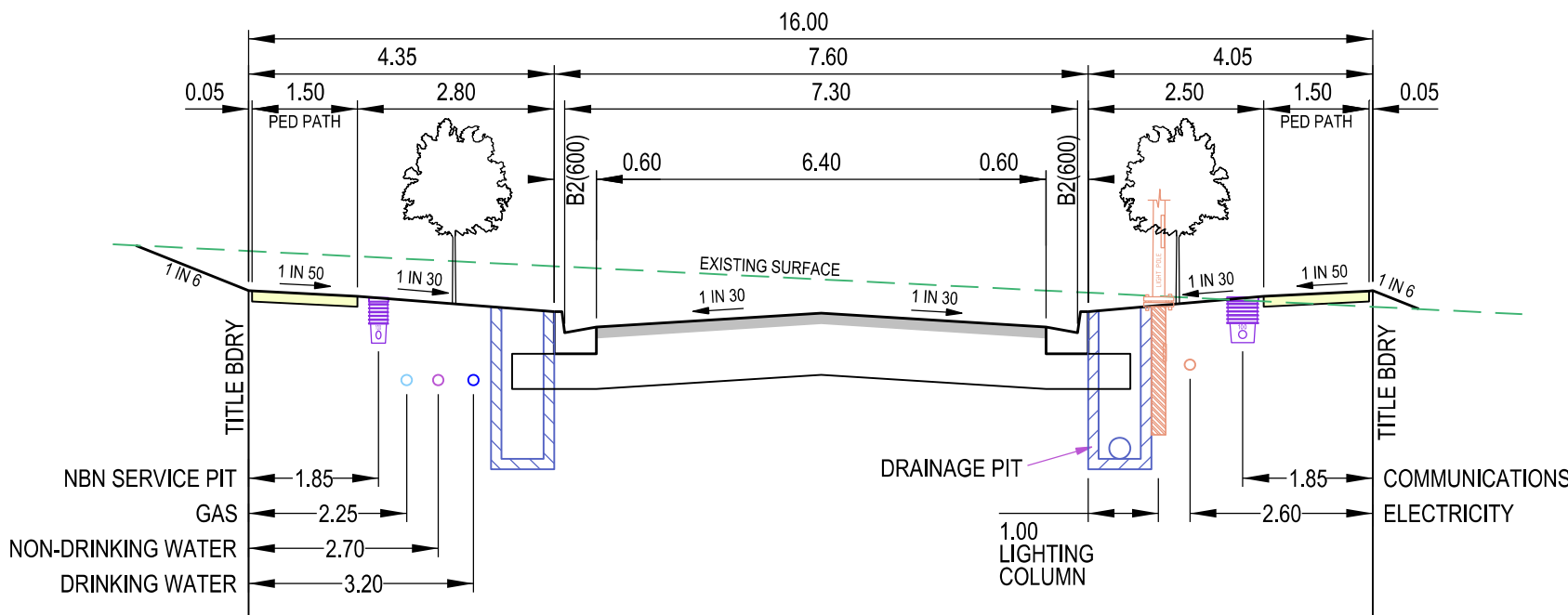


TYPICAL PAVEMENT COMPOSITION

REFER EDM202a FOR ADDITIONAL DETAILS

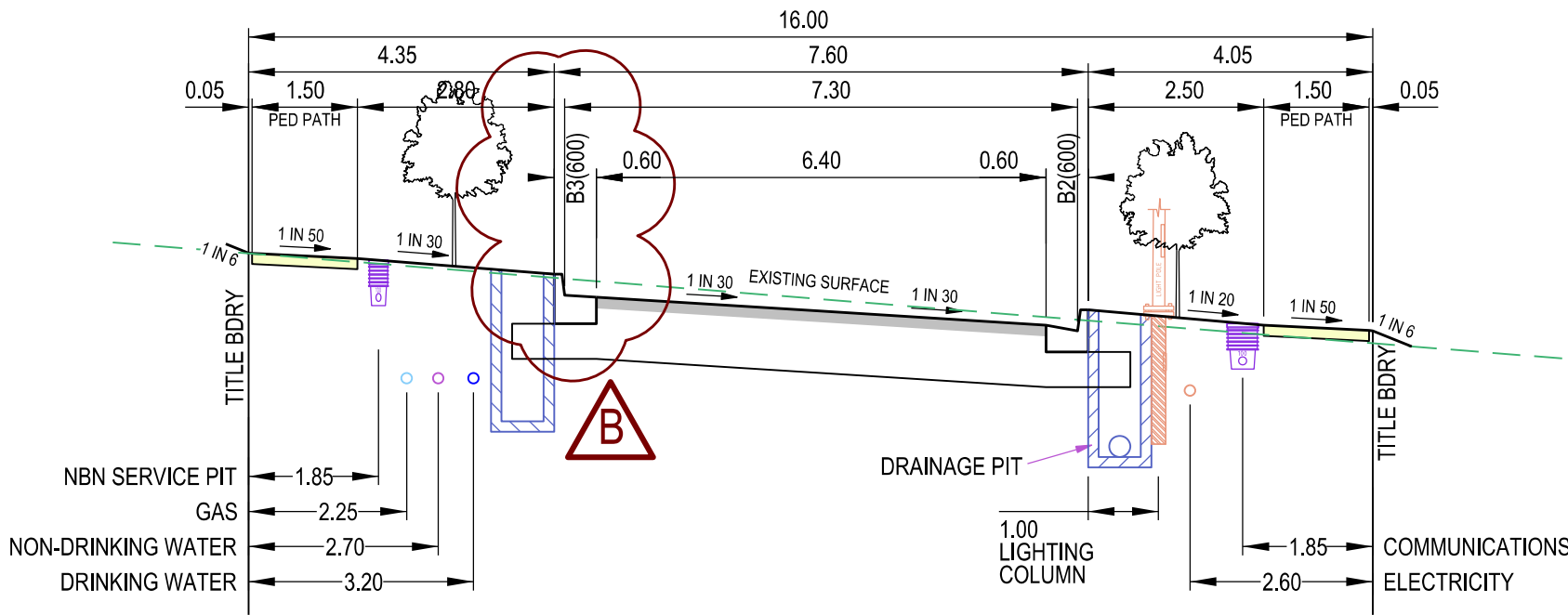
(Dimensions in Millimetres)

N.T.S.



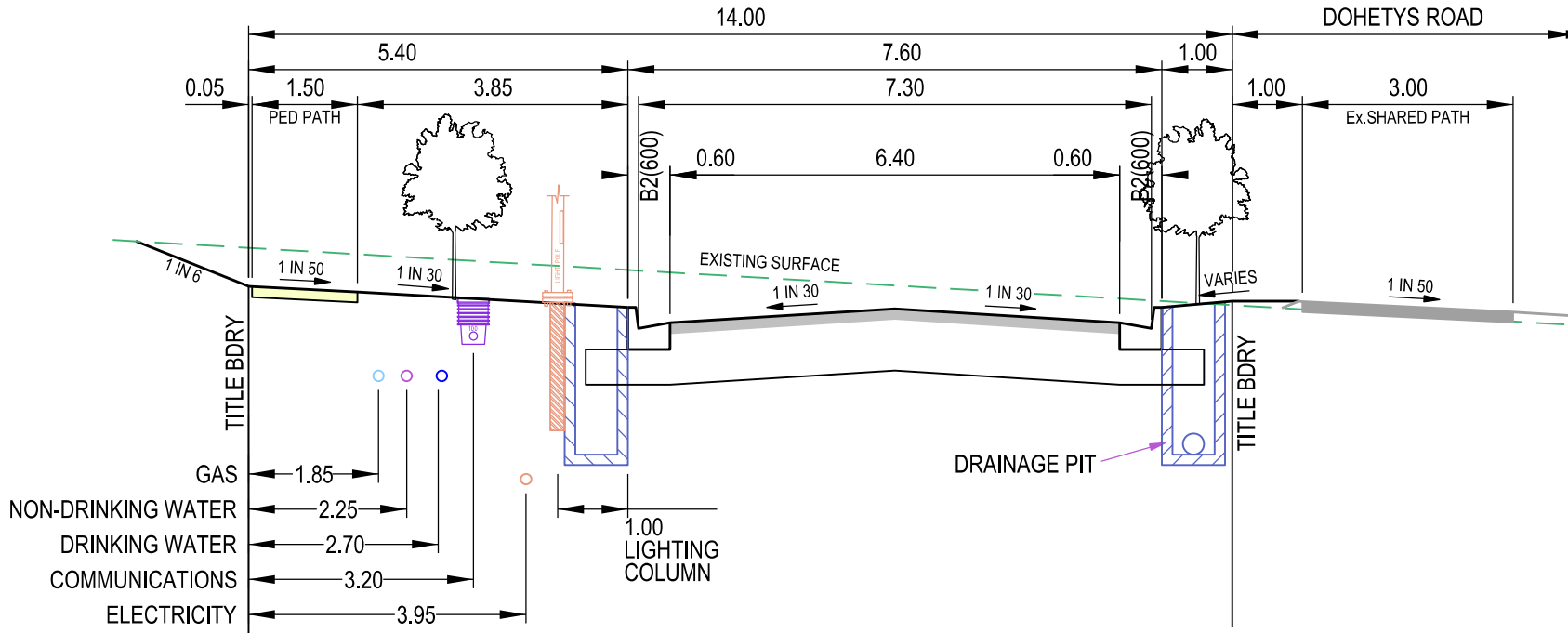
FROGMORE CIRCUIT (west)

ACCESS STREET - LEVEL 1 (16.0m)



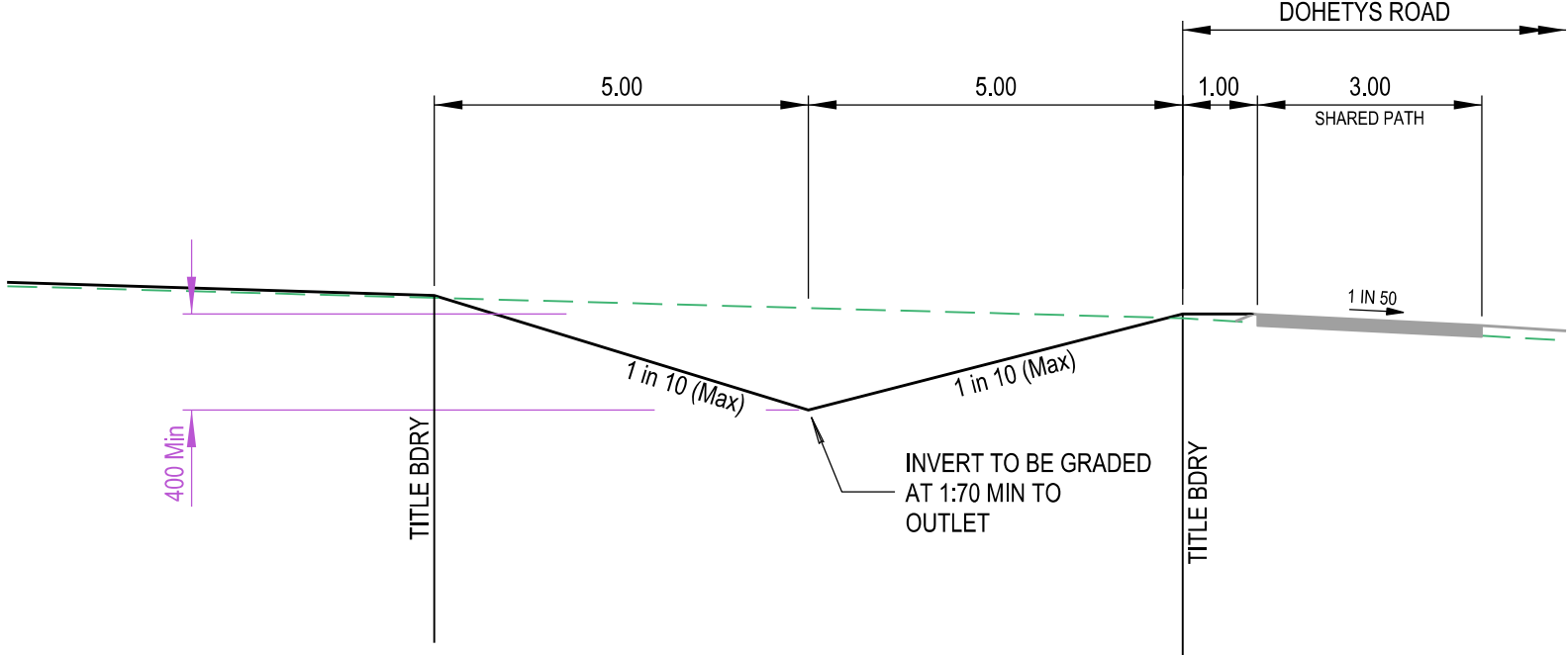
FROGMORE CIRCUIT (east)

ACCESS STREET - LEVEL 1 (16.0m)



FROGMORE CIRCUIT (west - east)

ACCESS STREET - LEVEL 1 (14.0m)



RESERVE No.1 (north - south)

ACCESS STREET - LEVEL 1 (14.0m)

AS CONSTRUCTED

TYPICAL ROAD CROSS SECTIONS

SCALE HORIZONTAL 1:100

VERTICAL 1:50

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3. Where concrete works about a sewer access chamber surround or similar structure, an expansion joint of approved material shall be provided between the two faces.

AMENDMENTS

B	02/04/26	KERB B2 TO B3 AMENDMENTS
A	01/09/25	ISSUED FOR CONSTRUCTION
VER	DATE	REMARKS

breese pitt dixon pty. ltd.
land surveyors civil engineers

MELWAY REF. 359-H-10
SURVEY BPD
DESIGN TT
DRAWN TT
CHECKED CH

CREEKSTONE ESTATE
STAGE N10
GENERAL NOTES & TYPICAL DETAILS

SCALE AS SHOWN DATUM AHD
DATE Aug'24

MUNICIPALITY WYNDHAM
REFERENCE 8584^E/N10
SHEET 2 OF 11

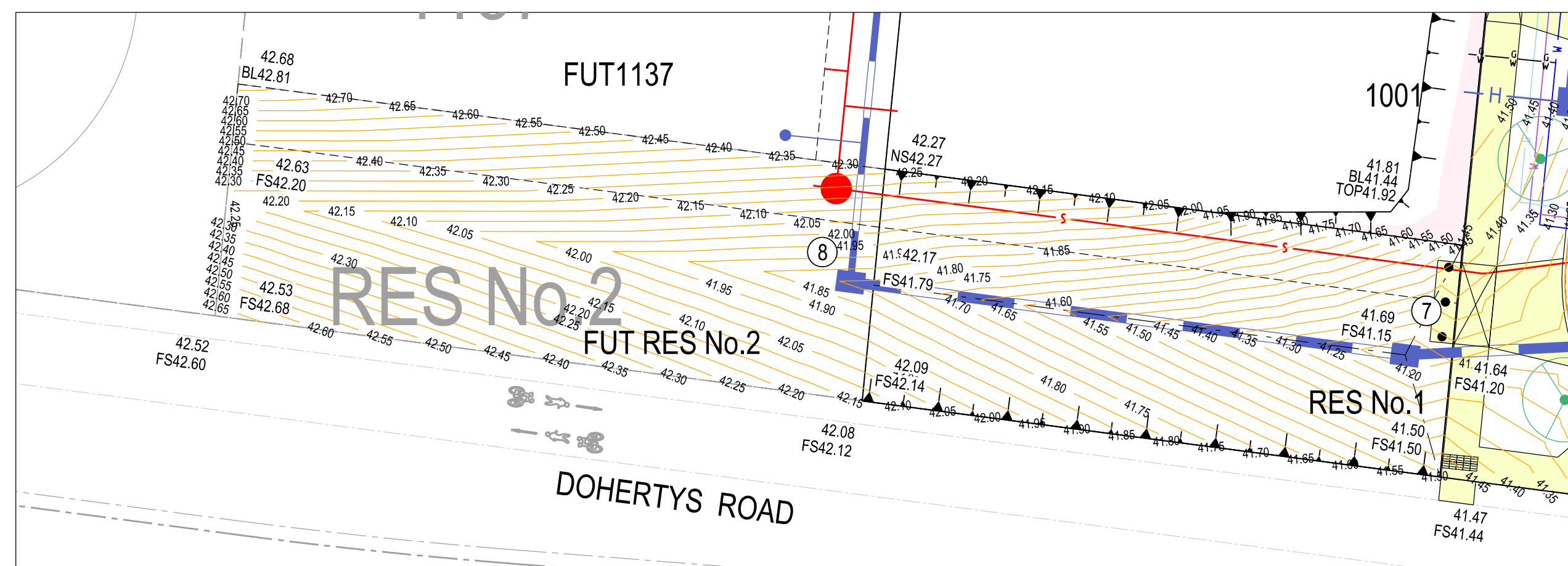
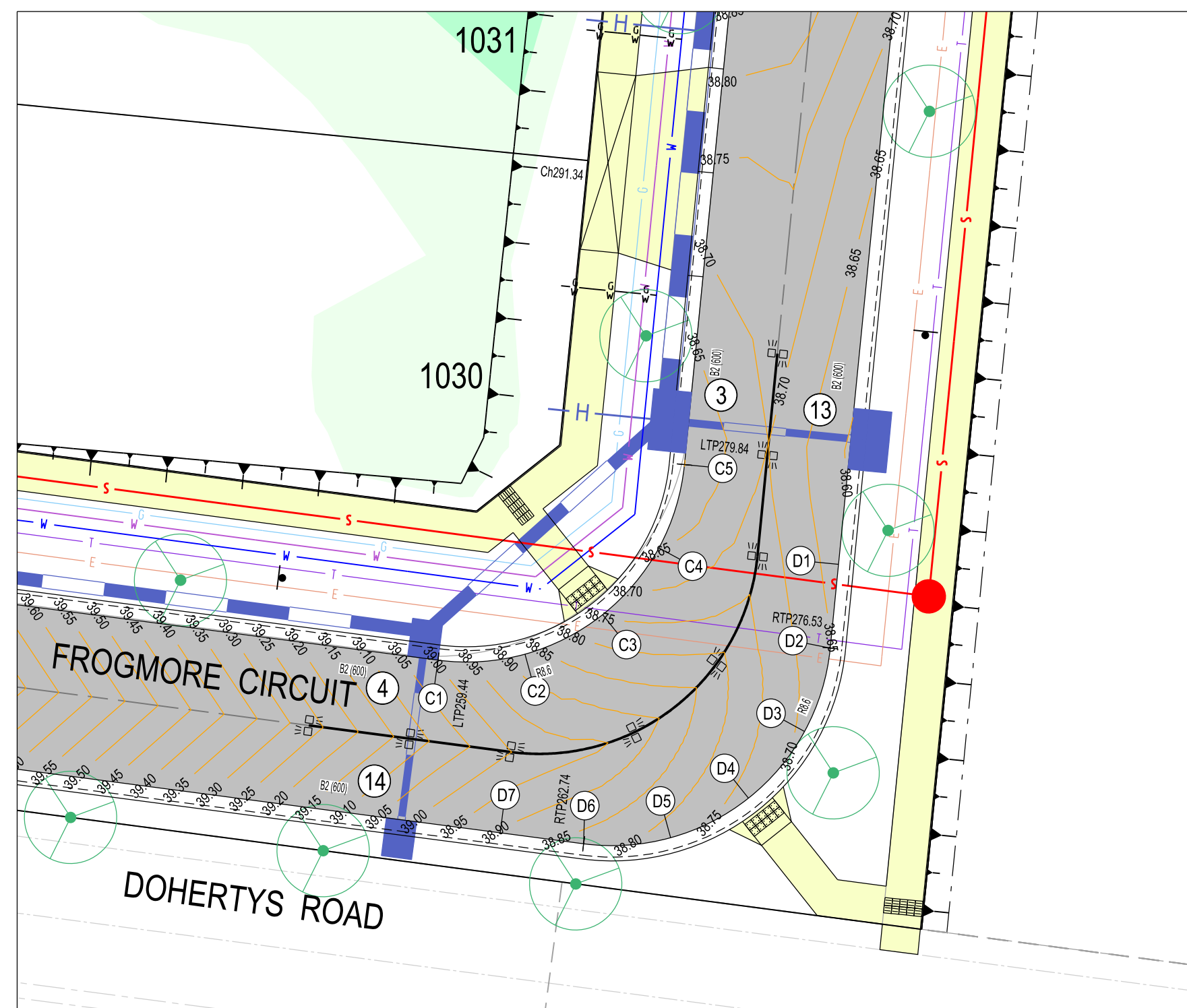
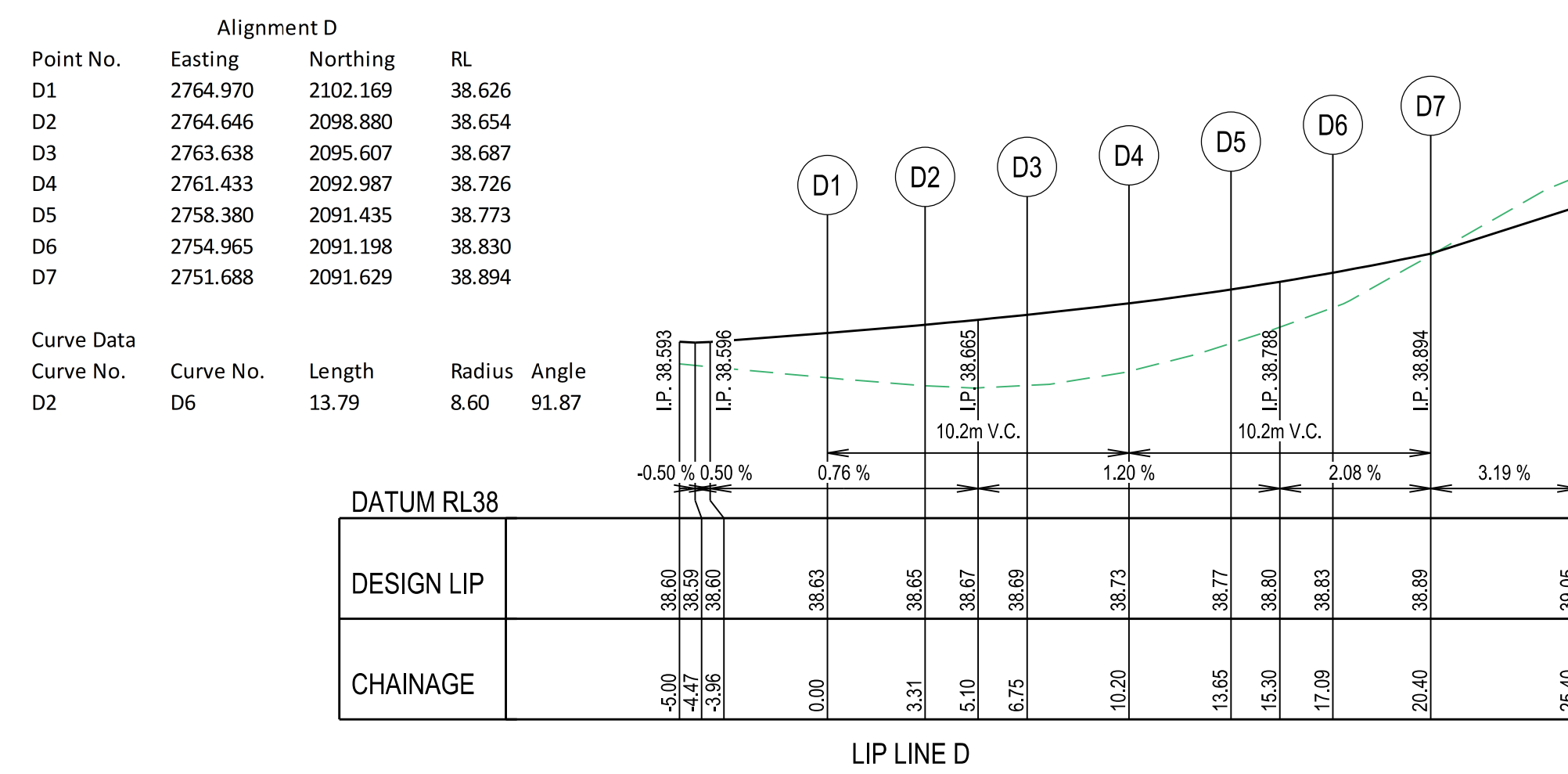
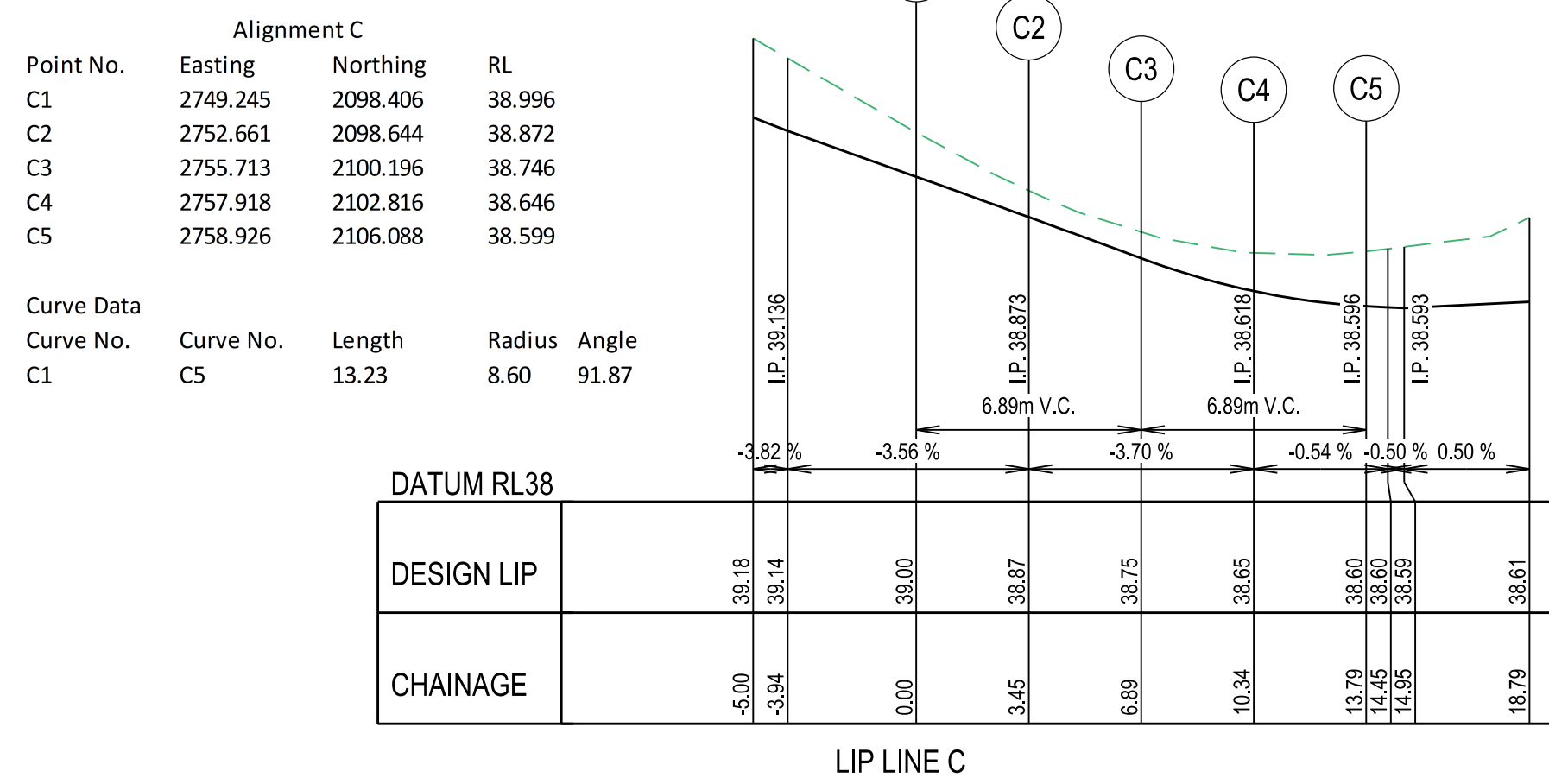
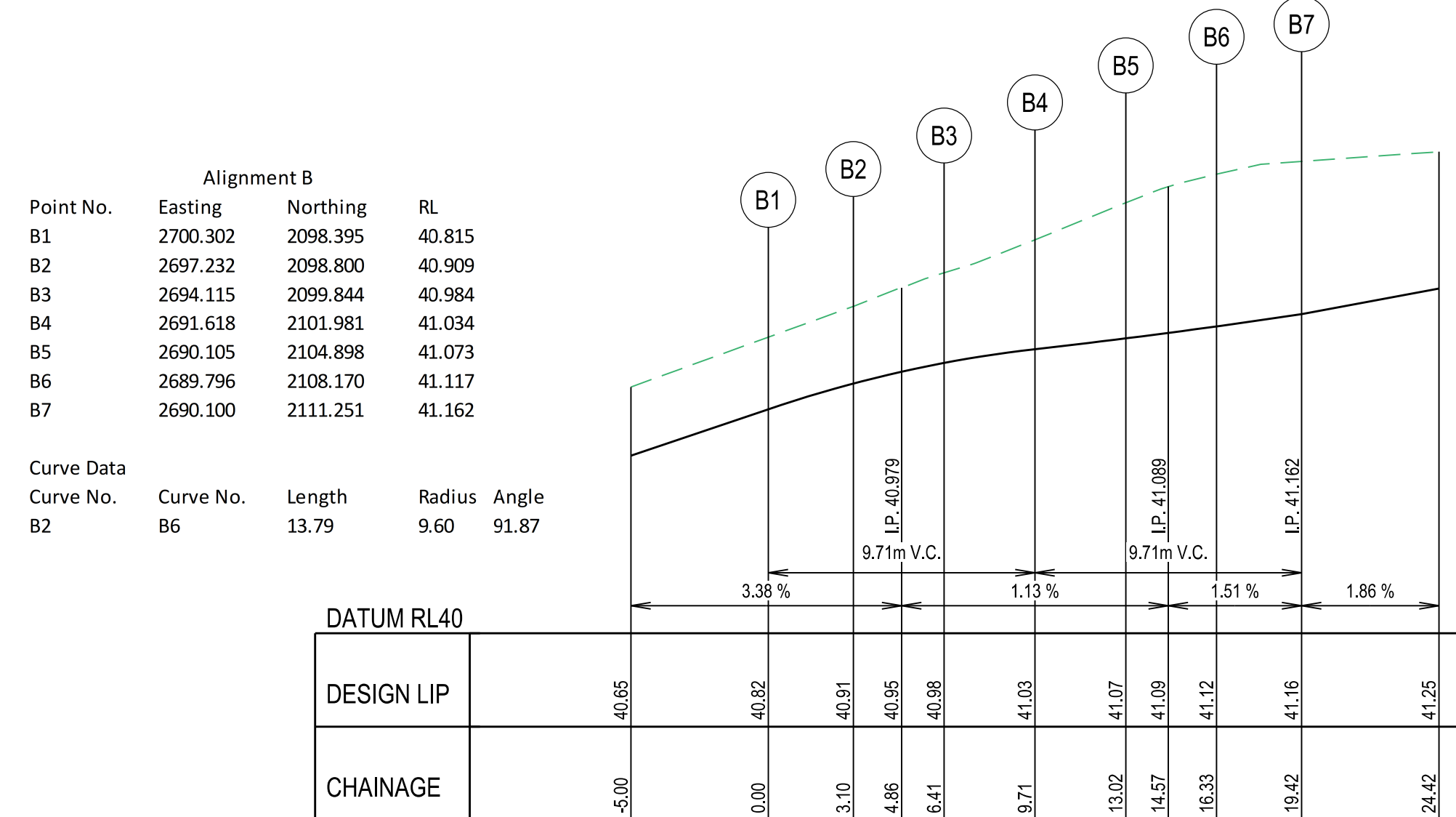
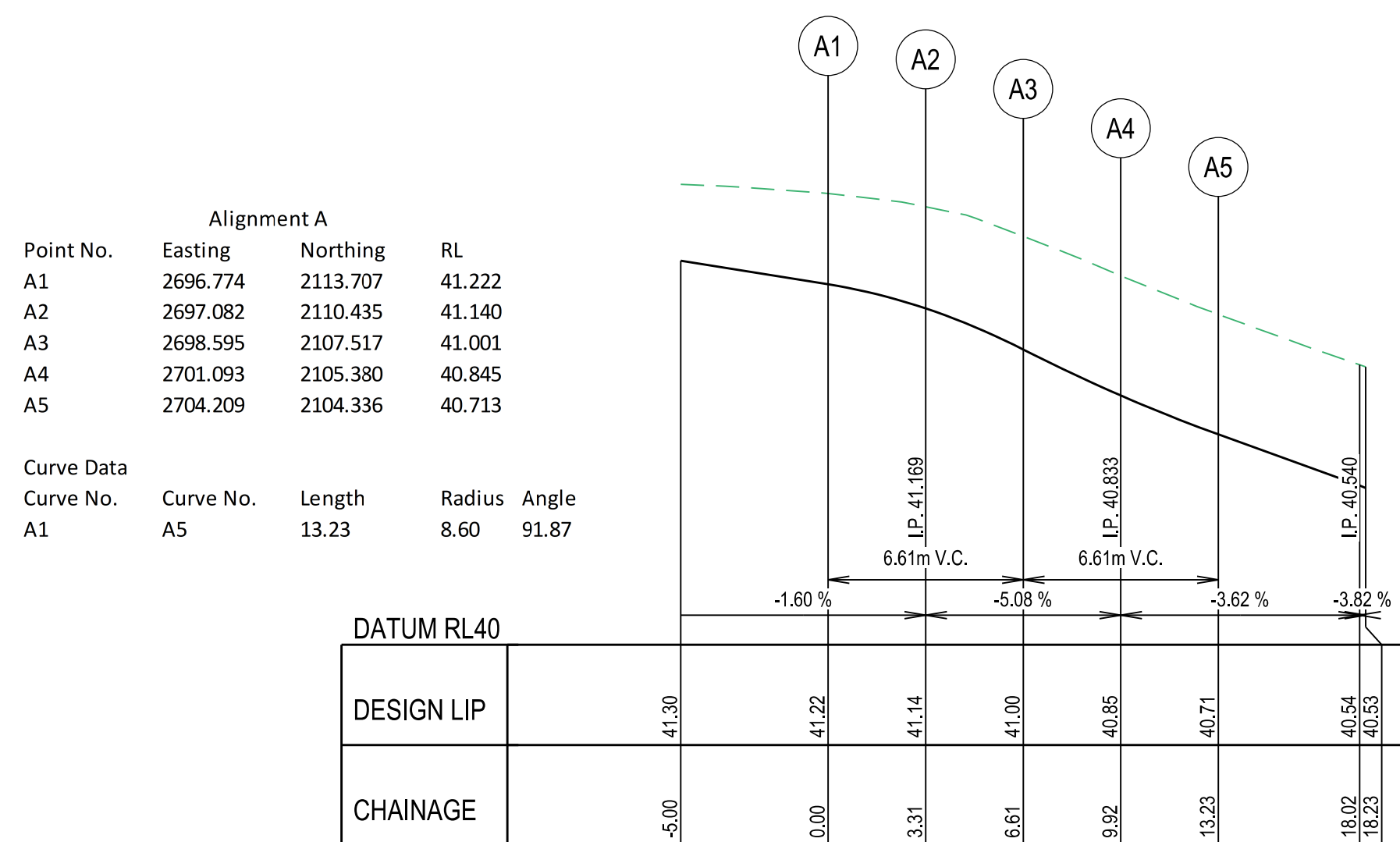
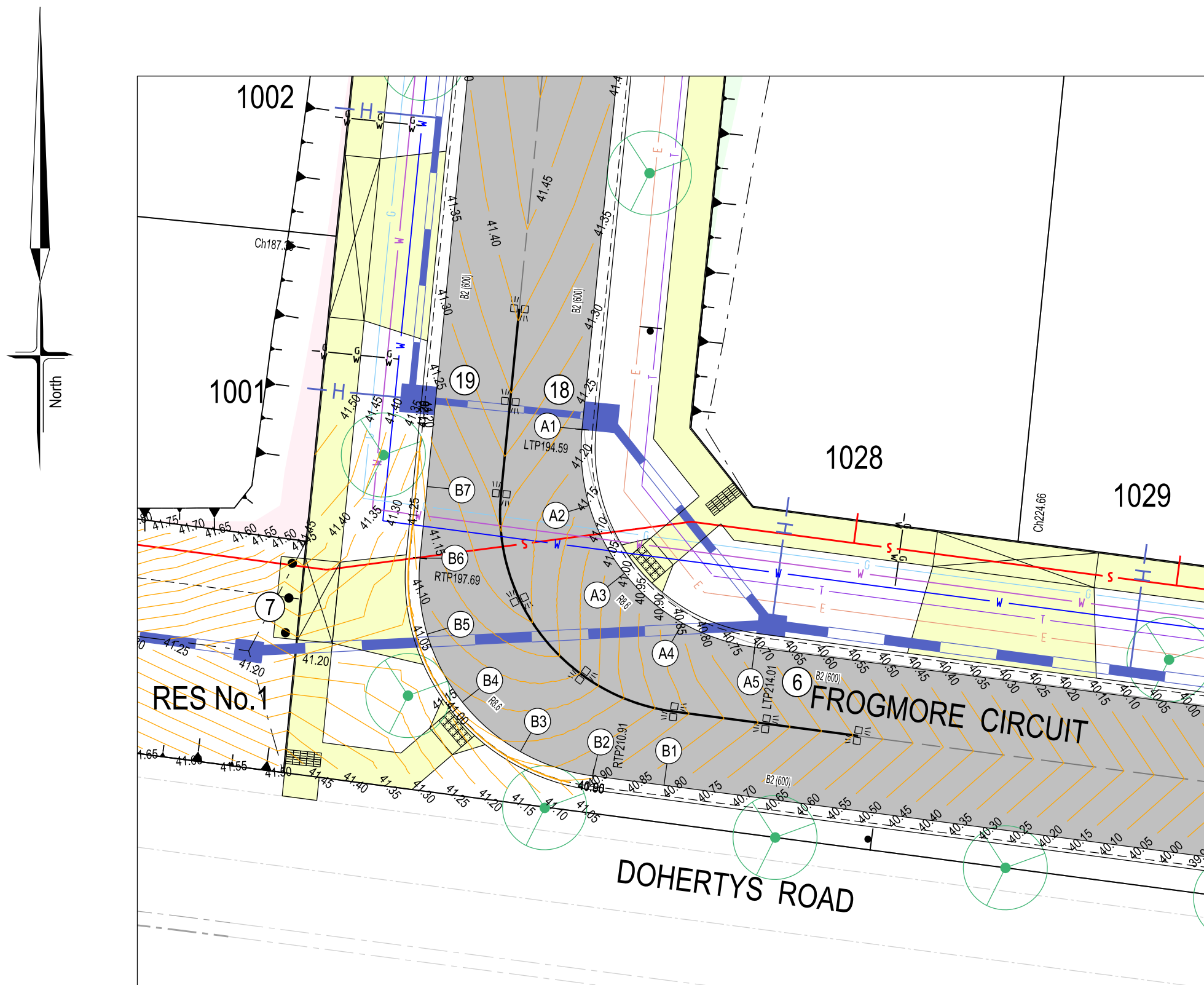
1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310

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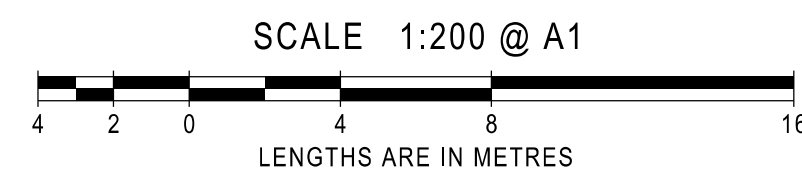
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PHOTO: 2/04/2026

LH5584/ENG/ST_N10/E10_R02_NOTE.dgn

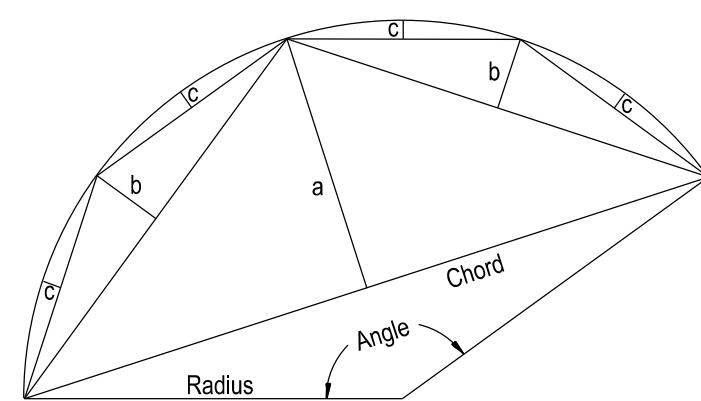


OVERLAND FLOW PATH DETAIL



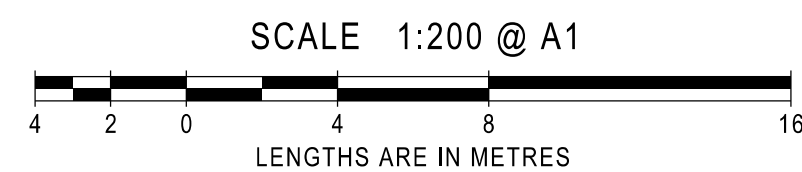
AS CONSTRUCTED

ALL SETOUT DETAILS
ARE PROVIDED
AT LIP OF KERB



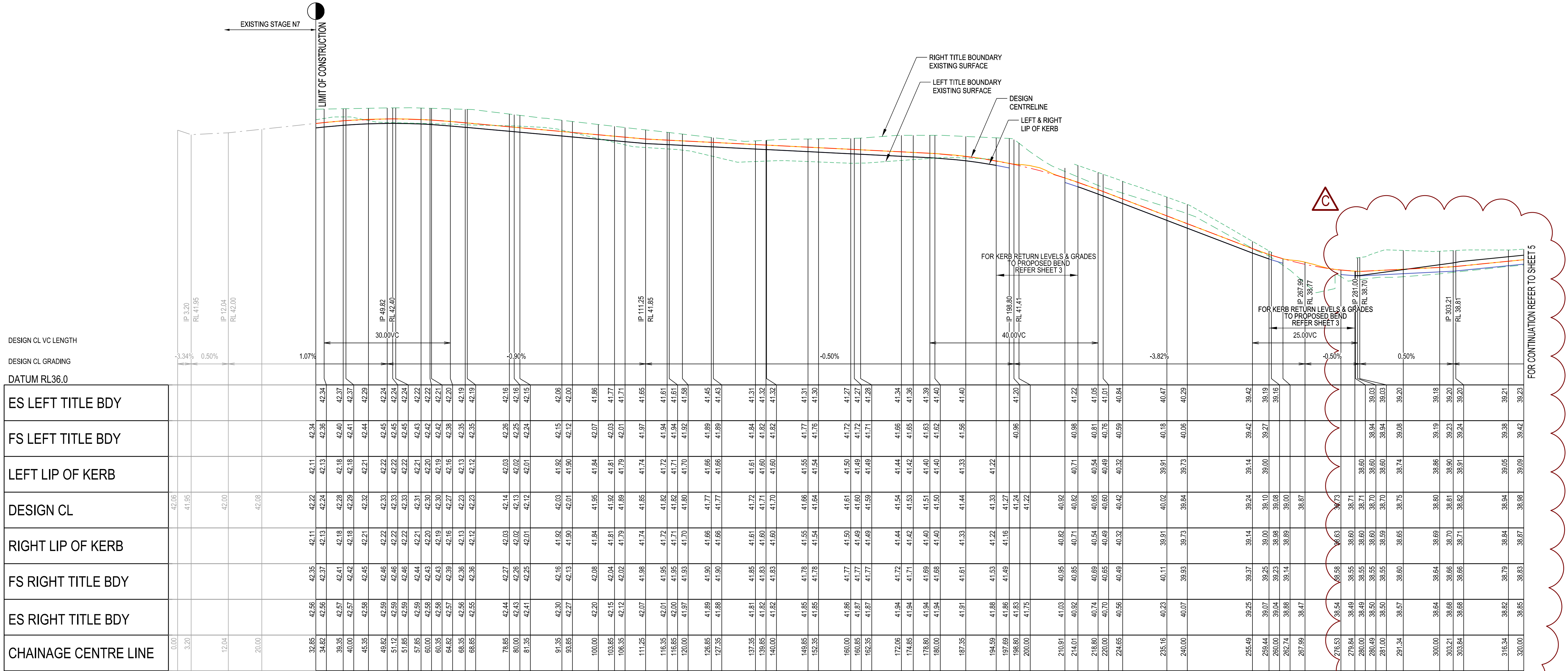
CURVE SETOUT DIAGRAM

INTERSECTION DETAILS

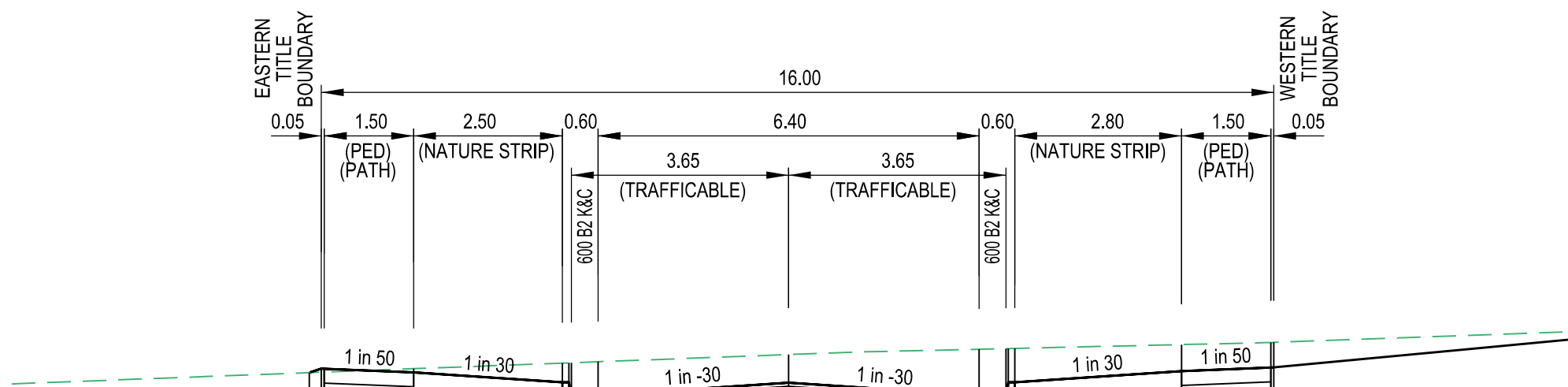
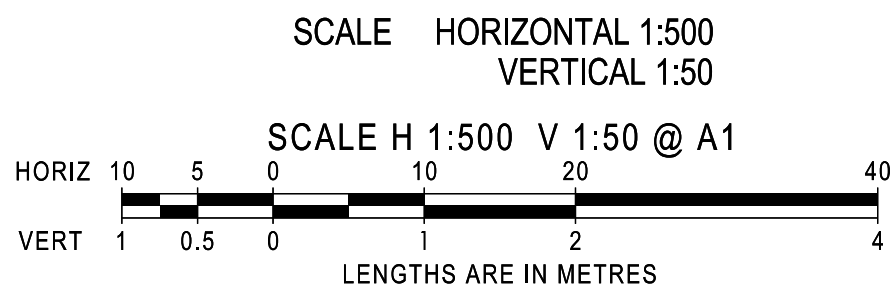


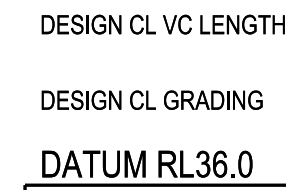
SYMBOL LEGEND	
Drains Sewer < 3000 Sewer ≥ 3000 Water (DW) Water (NDW) House Drain Property Inlet Street Sign PSM Rock Ret Wall Sleeper Ret Wall Conduits 50mm Conduits 100mm Street Tree without/with Passive Irrigation (Refer Detail)	Prop Prev Stage Ex Natural/FS Level FS @ Building Line Top/Toe of Batter Top Ret. Wall Level 100yr Flood Level Fill Proposed (<0.3m/≥0.3m) Cut Proposed Asphalt Surface Prop Concrete Surface Prop (Paths/Driveways/Slabs) Retained Tree Retained Tree No.
Ex Drains Ex Water/DW/NDW Ex Sewer/Gas Ex Elect/Comm	1:190

AMENDMENTS								brees pitt dixon pty. ltd. land surveyors civil engineers			1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310		
				MELWAY REF.	359-H-10	CREEKSTONE ESTATE STAGE N10 INTERSECTION DETAILS					MUNICIPALITY WYNDHAM		
				SURVEY	BPD						REFERENCE 8584 ^E /N10		
				DESIGN	TT						SHEET 3 OF 11		
		A	01/09/25	ISSUED FOR CONSTRUCTION	DRAWN	TT	SCALE	AS SHOWN	DATUM	AHD	DATE	Aug'24	CHECKED
	VER	DATE	REMARKS										

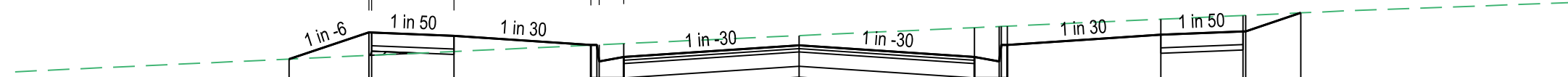
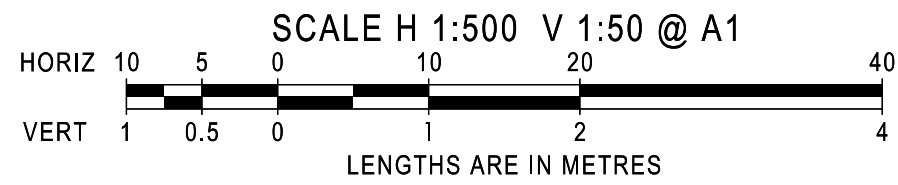


FROGMORE CIRCUIT
LONGITUDINAL SECTION





SCALE HORIZONTAL 1:500
VERTICAL 1:50

CH 57.85[illegible]

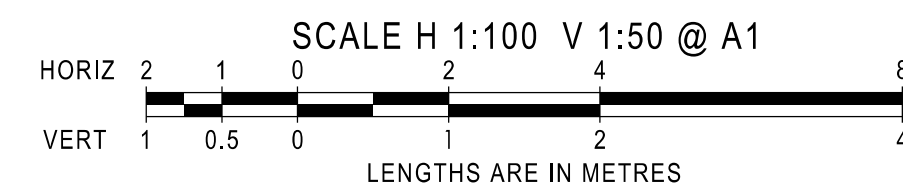
DATUM RL40.0

[illegible]

DATUM RL40.0

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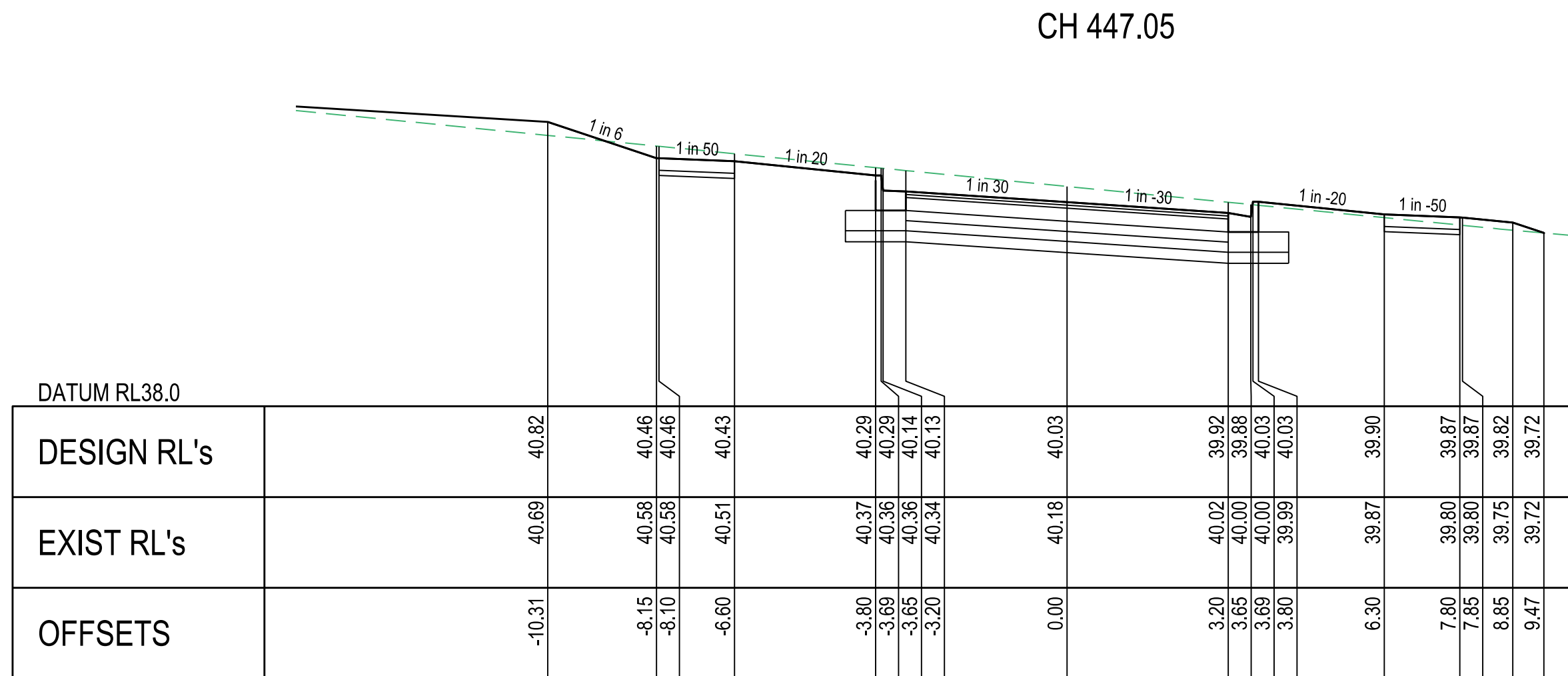
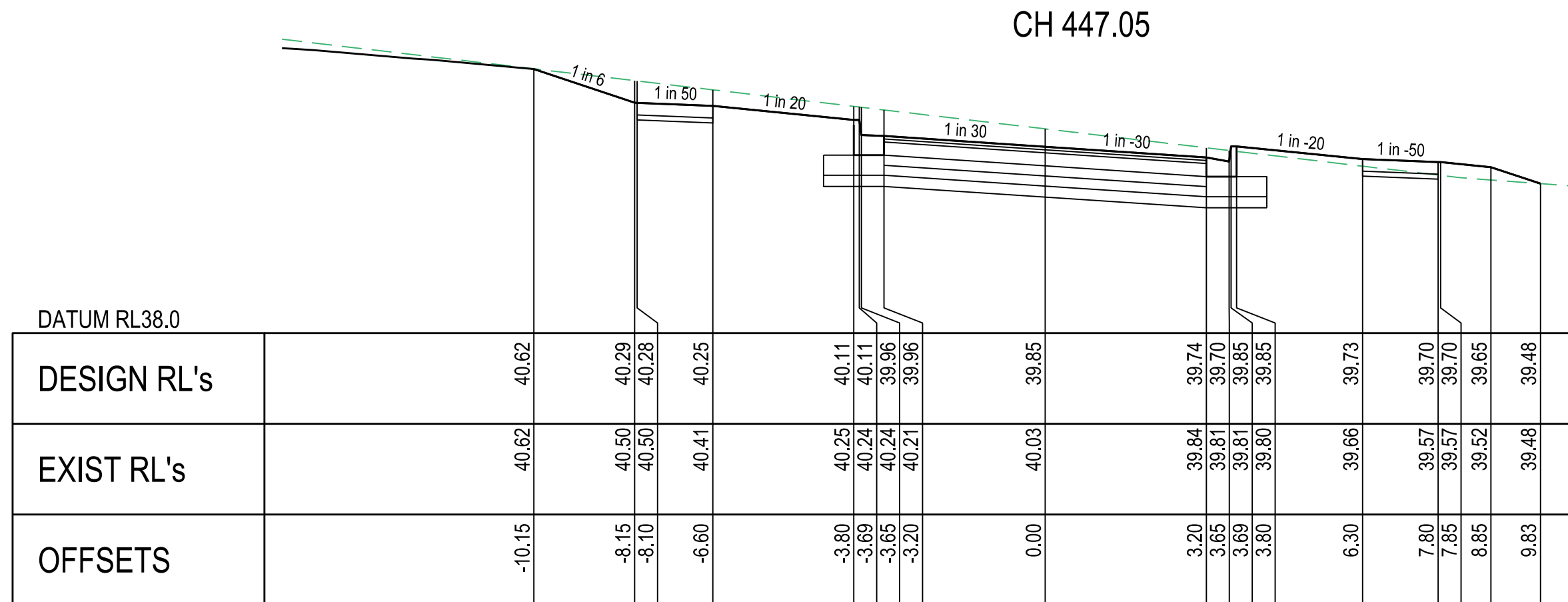
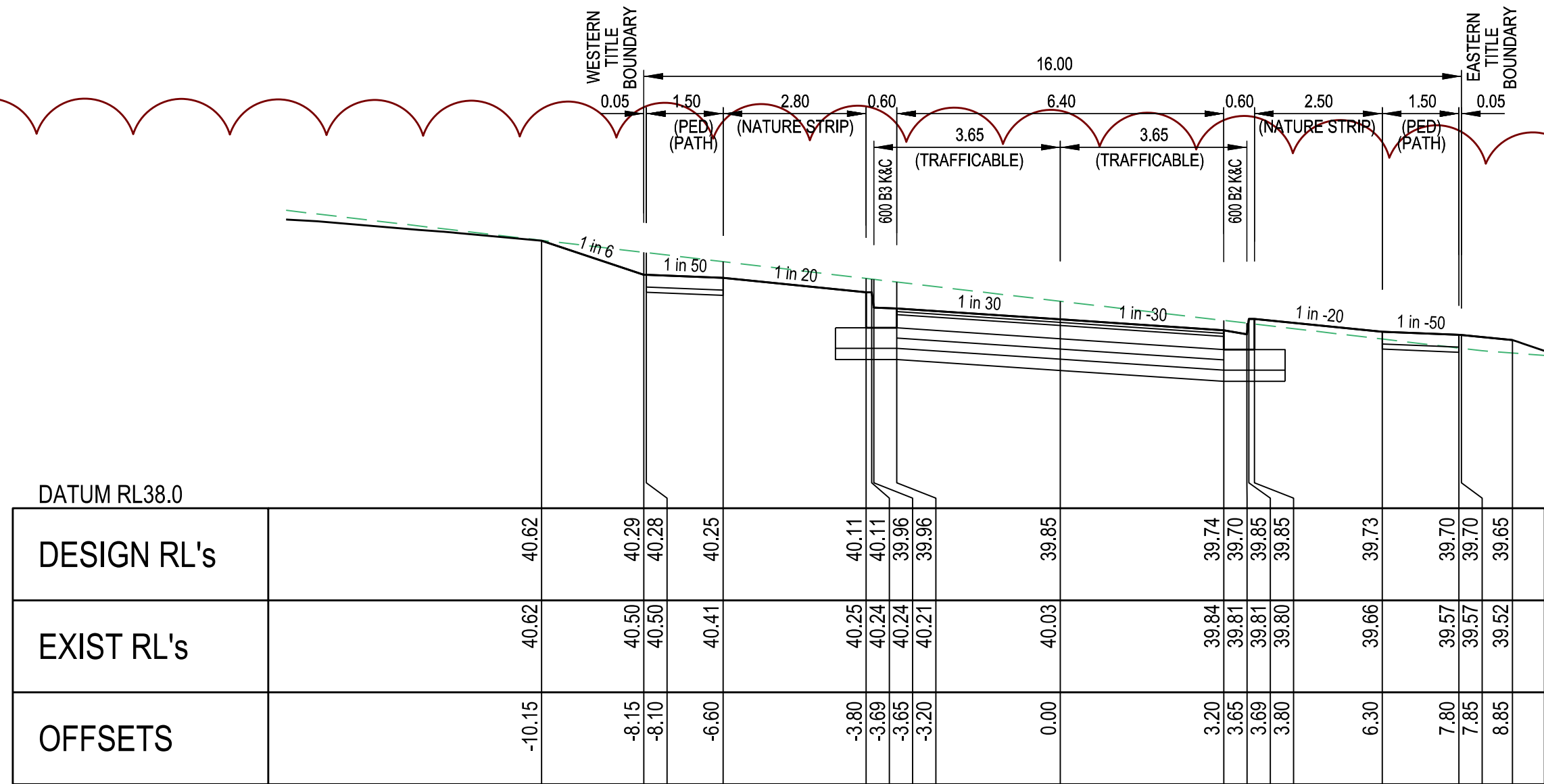
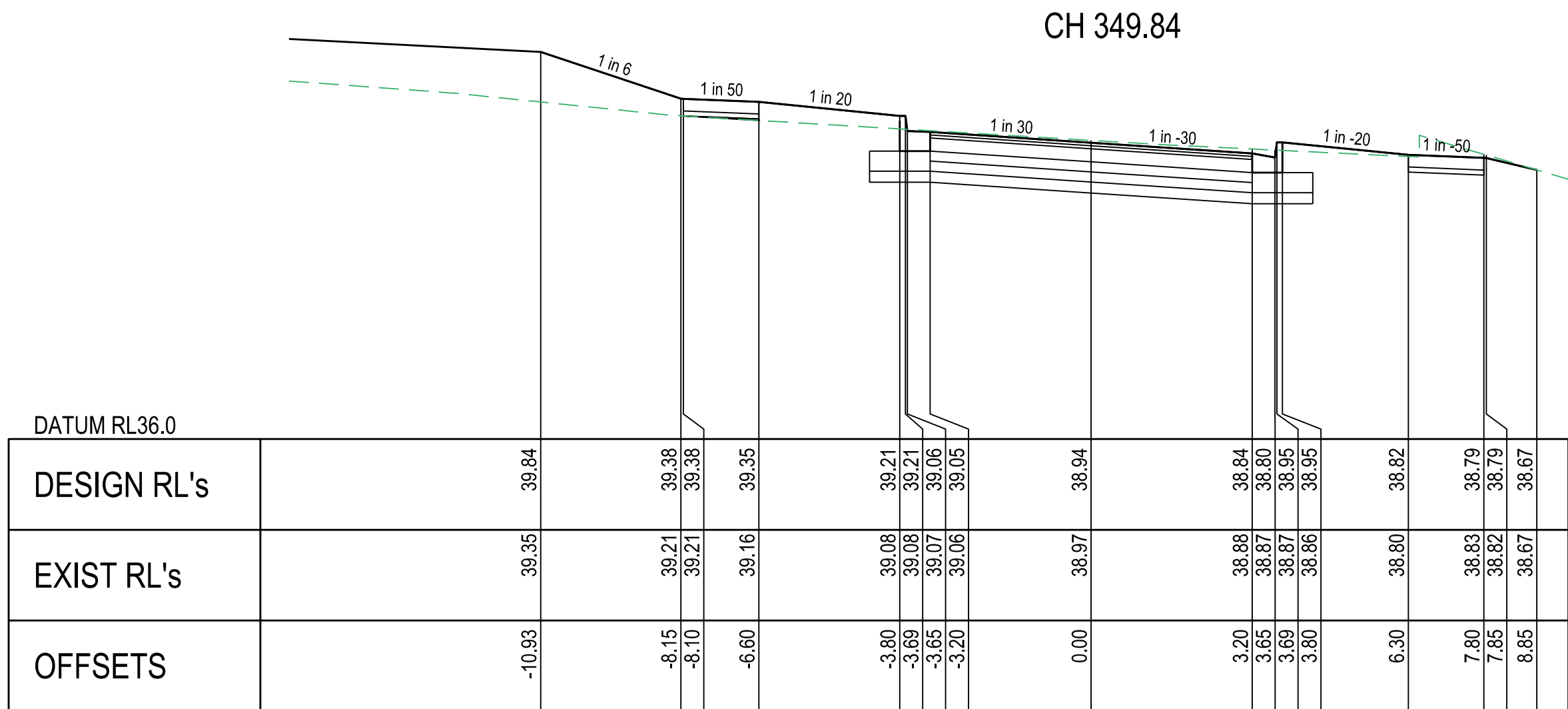
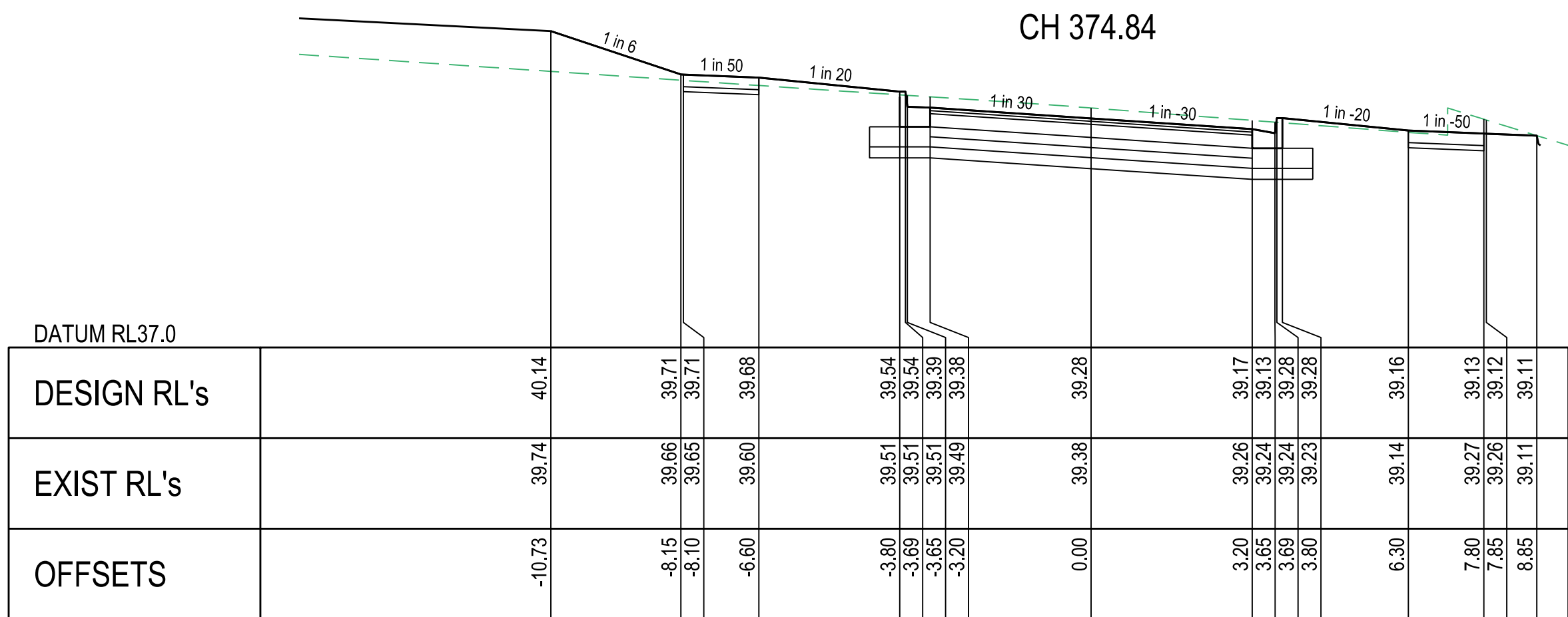
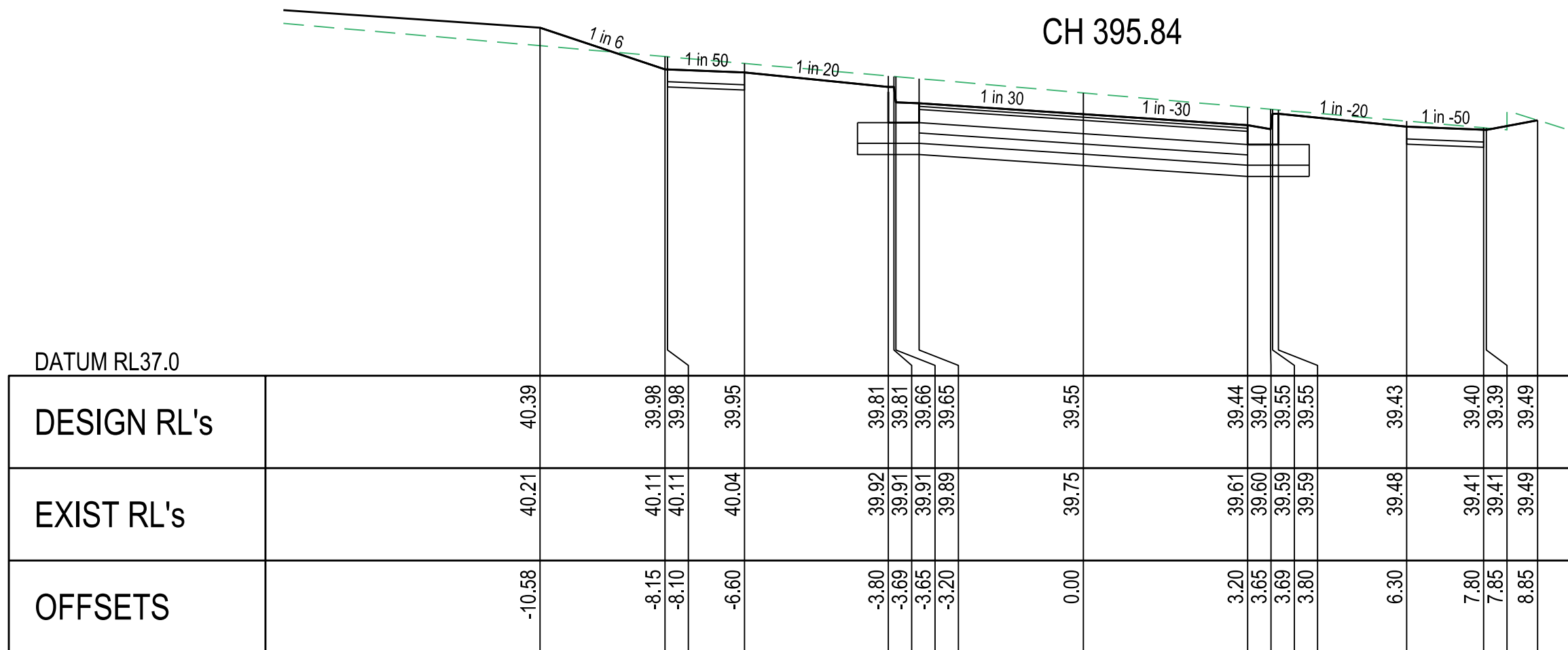
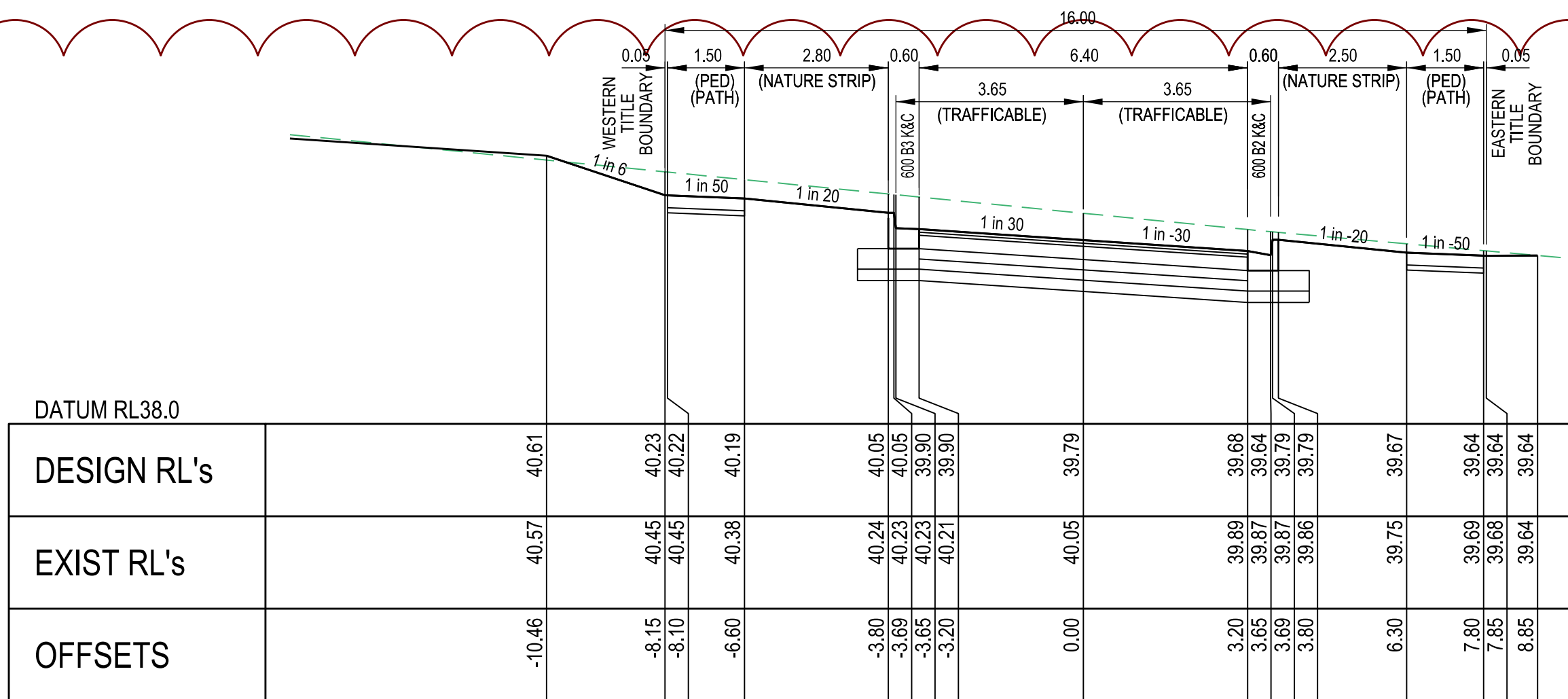
SCALE HORIZONTAL 1:100
VERTICAL 1:50



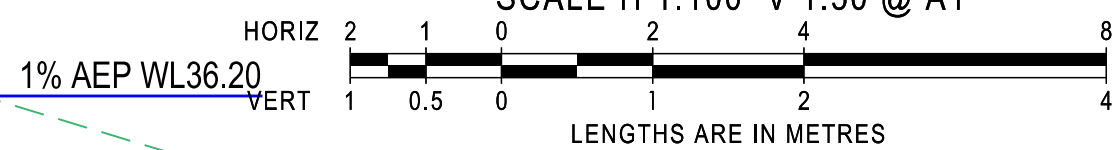
 EXISTING SURFACE
 DESIGN SURFACE
 TYPE A SELECTED MATERIAL FILL

H8584(ENG)ST N10/E10 R05 FROGMORE L&XS2 doc

C



AS CONSTRUCTED



FROGMORE CIRCUIT

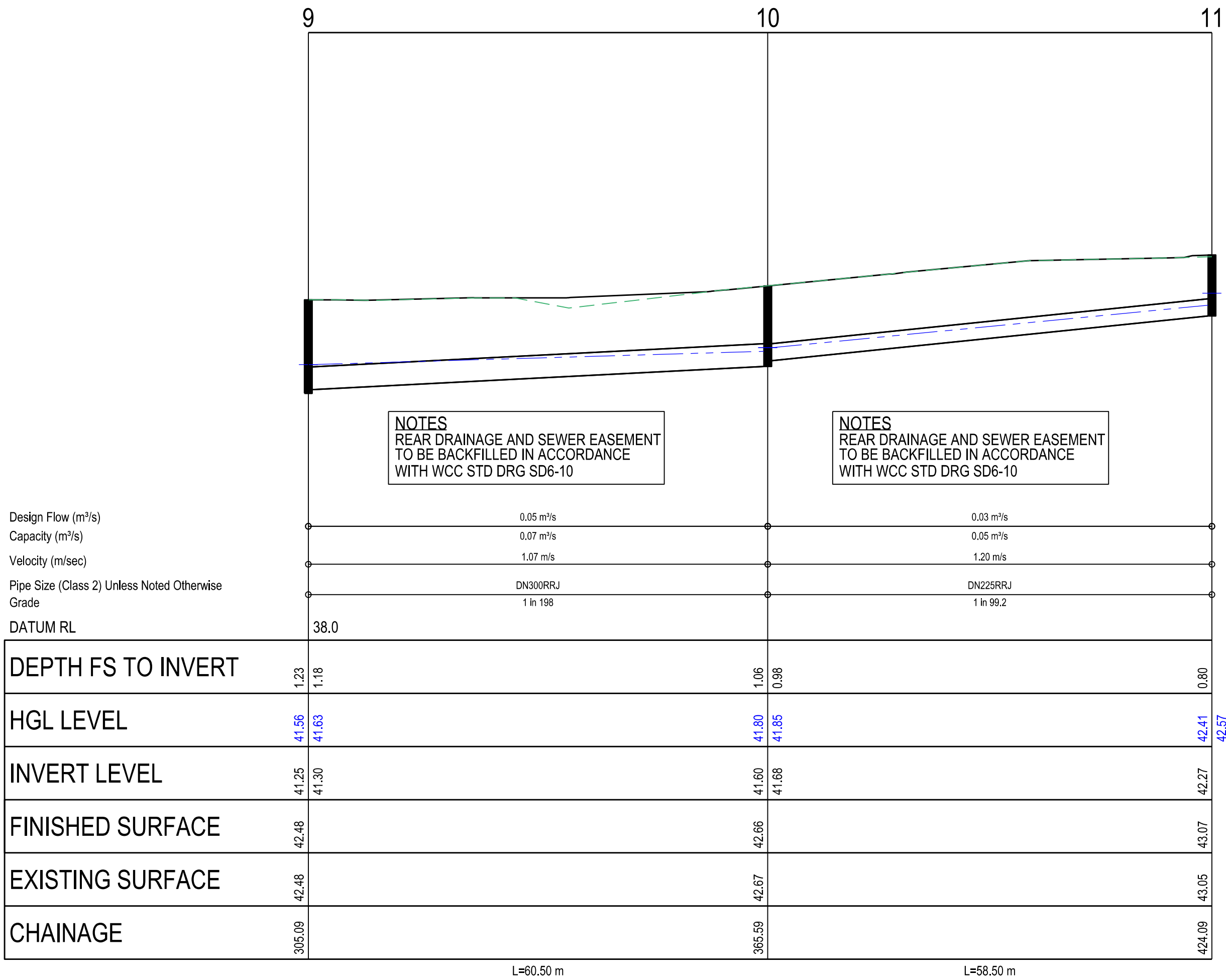
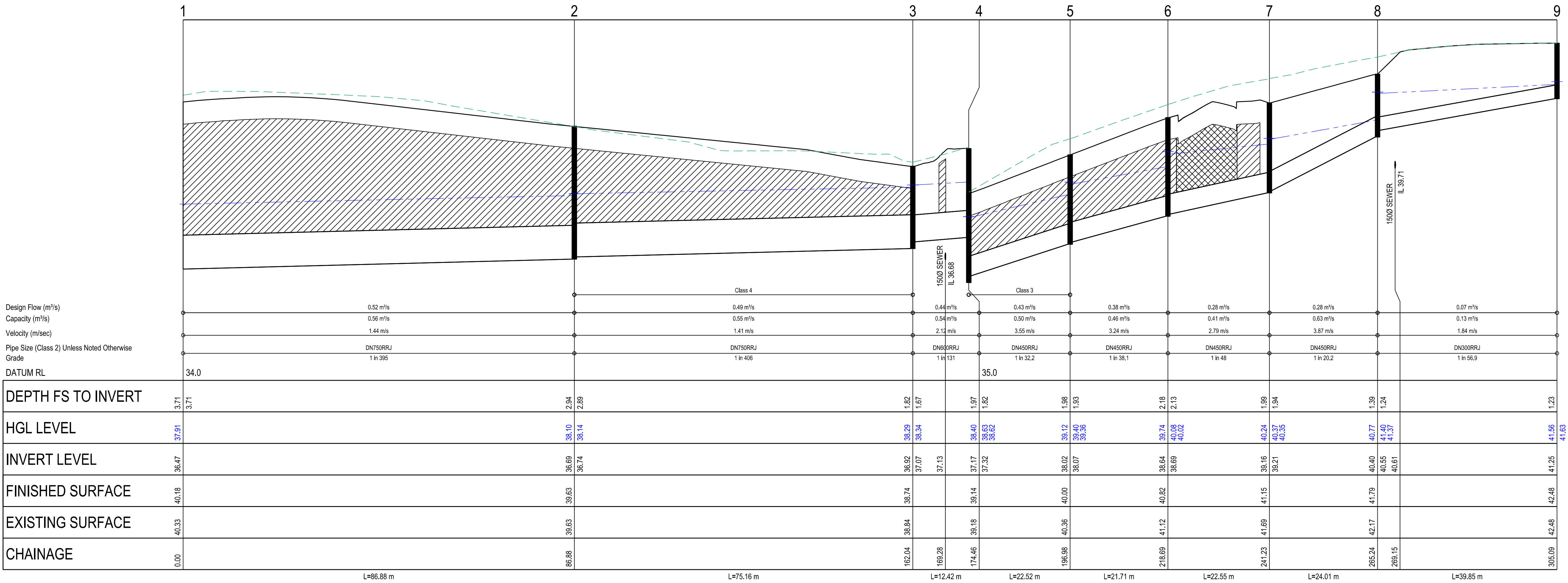
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

LEGEND

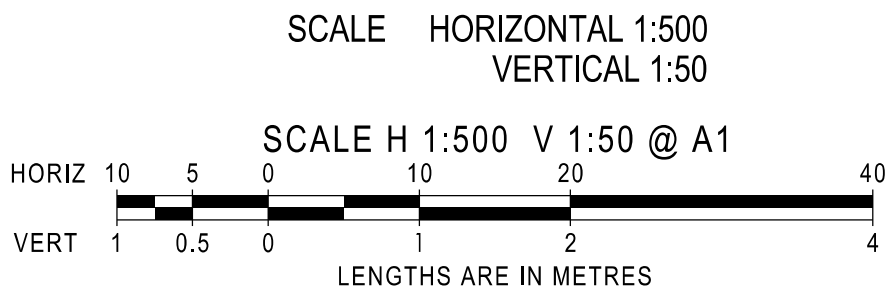
- EXISTING SURFACE
- DESIGN SURFACE
- TYPE A SELECTED MATERIAL FILL

AMENDMENTS			 breese pitt dixon pty. ltd. land surveyors civil engineers					1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310					
				MELWAY REF.	359-H-10	CREEKSTONE ESTATE STAGE N10 FROGMORE CIRCUIT				MUNICIPALITY			
	C	02/04/26	KERB B2 TO B3 AMENDMENTS	SURVEY	BPD					WYNDHAM			
	B	09/10/25	CHAINAGE AMENDMENTS	DESIGN	TT					REFERENCE			
	A	01/09/25	ISSUED FOR CONSTRUCTION	DRAWN	TT					8584 ^E / _{N10}			
VER	DATE	REMARKS	CHECKED	CH	SCALE	AS SHOWN	DATUM	AHD	DATE	Aug'24	SHEET	7 OF 11	C



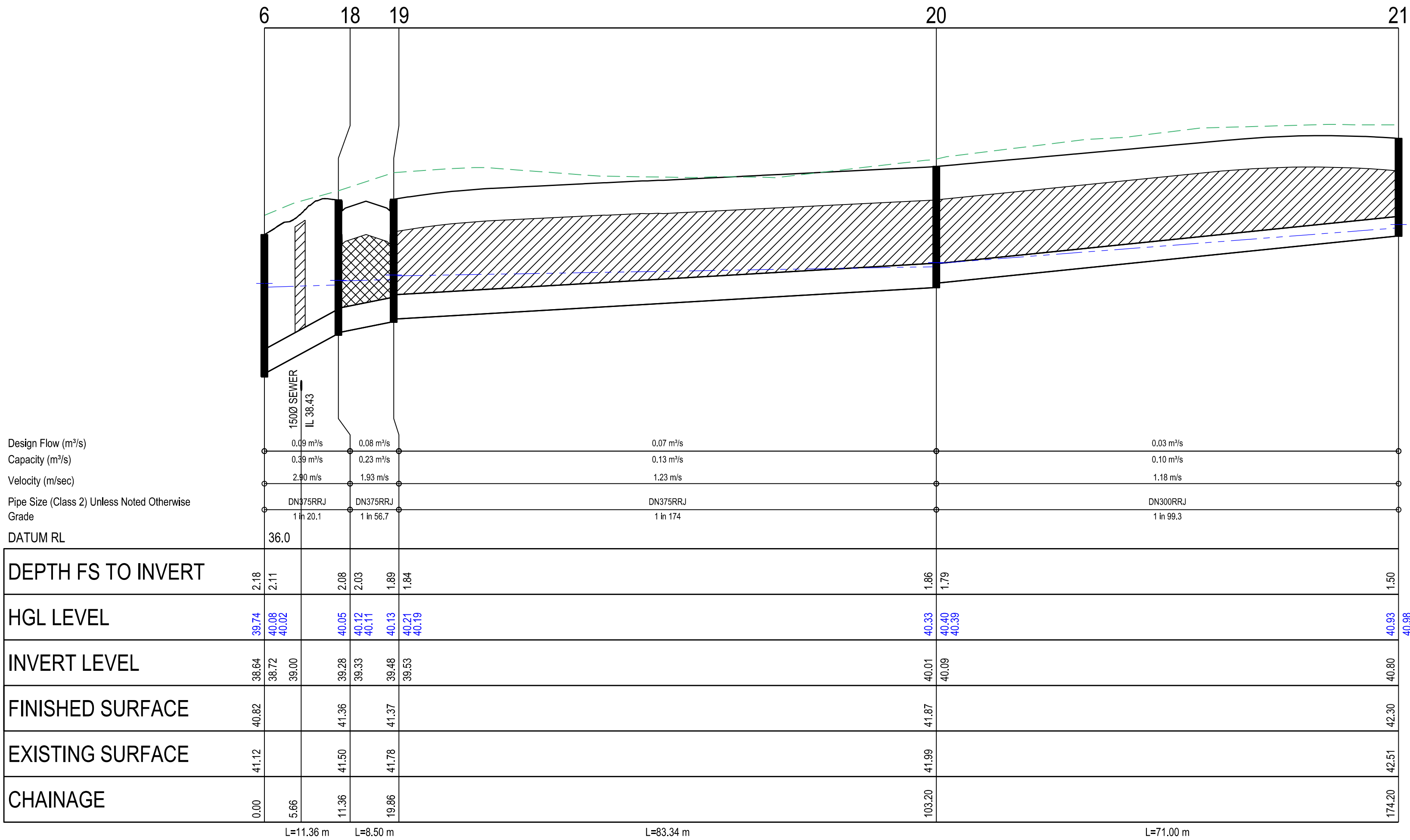
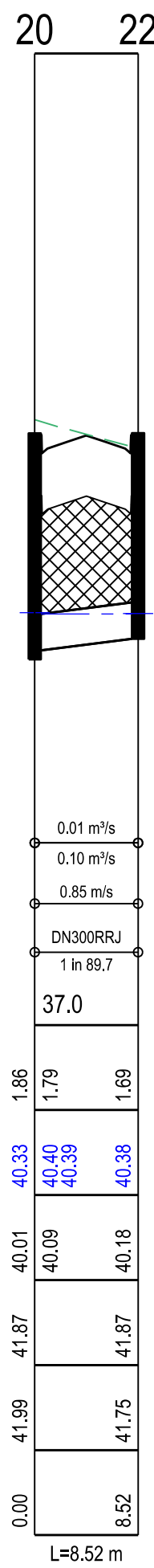
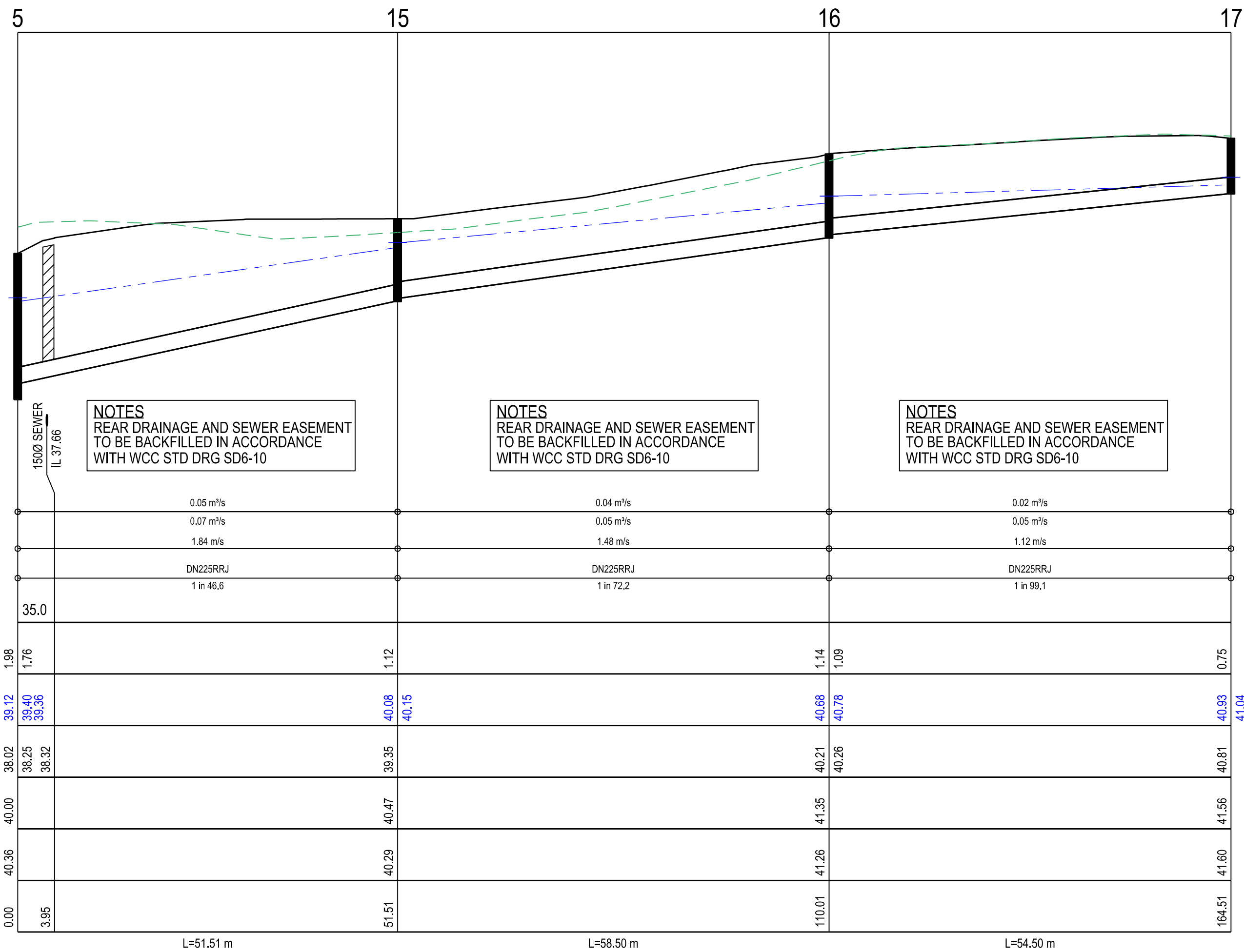
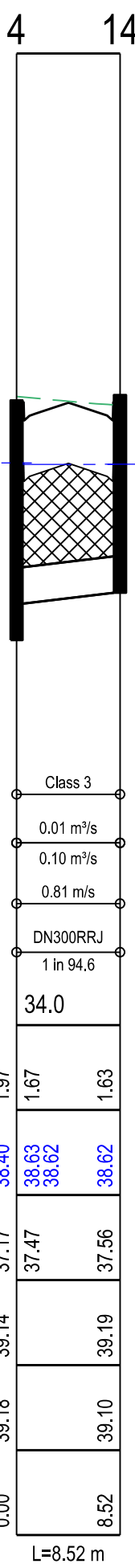
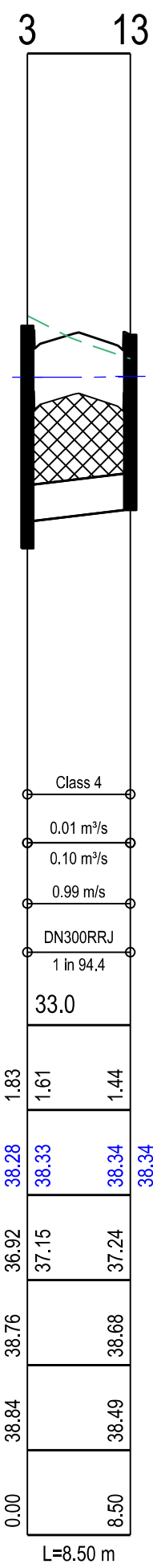
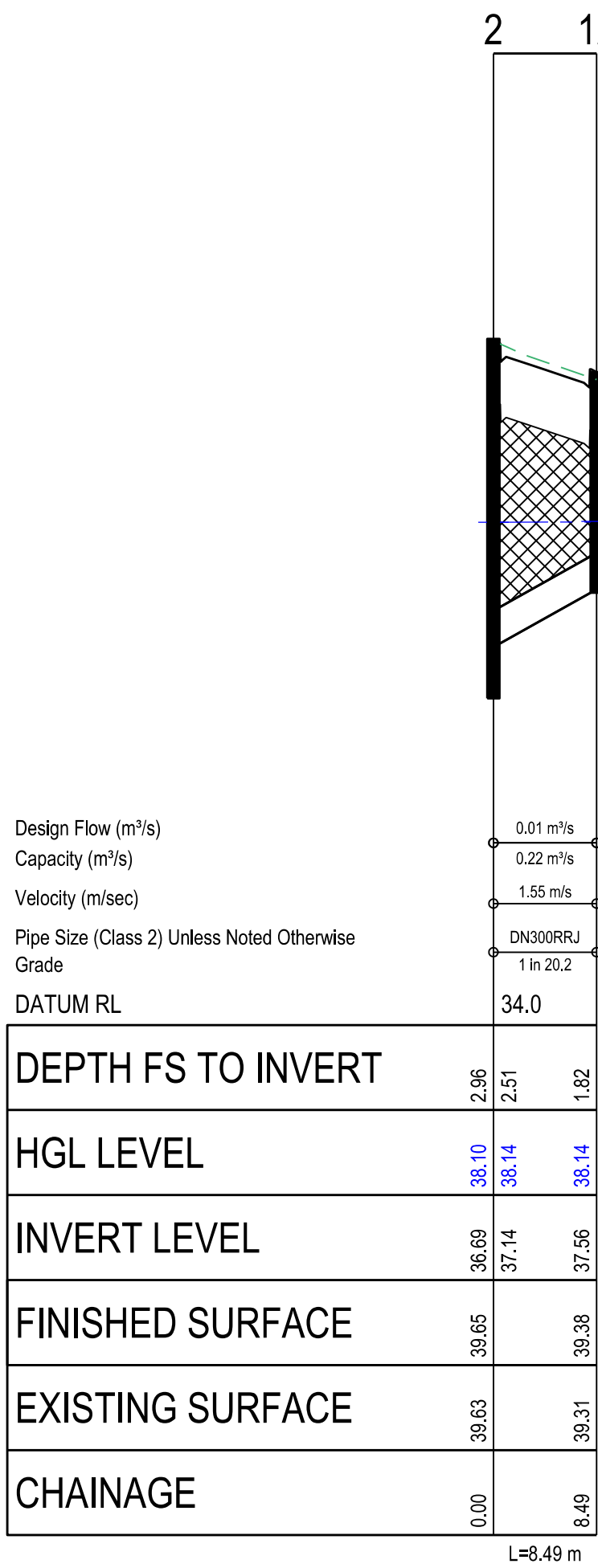
- INDICATES CLASS 3 CRUSHED ROCK BACKFILL
- INDICATES CLASS 2 CRUSHED ROCK BACKFILL
- INDICATES 5YR HGL
- EXISTING SURFACE
- FINISHED SURFACE

DRAINAGE LONGITUDINAL SECTIONS



AS CONSTRUCTED

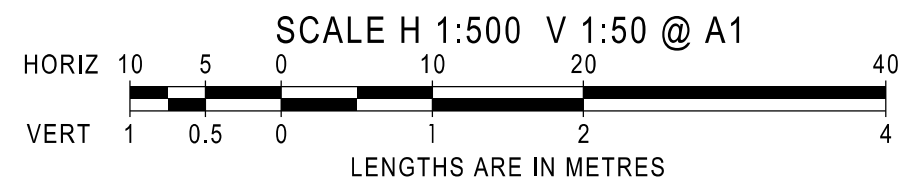
AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers				1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
				MELWAY REF.	359-H-10		CREEKSTONE ESTATE STAGE N10 DRAINAGE LONGITUDINAL SECTIONS				MUNICIPALITY		
				SURVEY	BPD						WYNDHAM		
				DESIGN	TT						REFERENCE		
A	01/09/25	ISSUED FOR CONSTRUCTION		DRAWN	TT		8584 ^E /N10						
VER	DATE	REMARKS		CHECKED	CH						SCALE	AS SHOWN	
							DATE	Aug'24		SHEET	8 OF 11		A



- INDICATES CLASS 3 CRUSHED ROCK BACKFILL
- INDICATES CLASS 2 CRUSHED ROCK BACKFILL
- INDICATES 5YR HGL
- EXISTING SURFACE
- FINISHED SURFACE

DRAINAGE LONGITUDINAL SECTIONS

SCALE HORIZONTAL 1:500
VERTICAL 1:50



AS CONSTRUCTED

AMENDMENTS					1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310		
A	01/09/25	ISSUED FOR CONSTRUCTION	MELWAY REF. 359-H-10	CREEKSTONE ESTATE STAGE N10 DRAINAGE LONGITUDINAL SECTIONS	MUNICIPALITY WYNDHAM		
VER	DATE	REMARKS	SURVEY BPD			REFERENCE 8584 ^E /N10	
			DESIGN TT			SHEET 9 OF 11	
			DRAWN TT	SCALE AS SHOWN	DATUM AHD	DATE Aug'24	
			CHECKED CH				

PHASE 2/24/02/26

PIT SCHEDULE										
PIT No.	PIT DESCRIPTION	LENGTH	WIDTH	INLET		OUTLET		TOP PIT RL	DEPTH INVERT	REMARKS
				INVERT	DIA	INVERT	DIA			
1	END PIPE			36.47	750			40.18	3.71	CONNECT TO EXISTING END PIPE
2	GRADED ENTRY PIT	900	900	36.74	750	36.69	750	39.63	2.94	VPA STD DWG EDCM601&605 (HAUNCHED) PIT COVER TO BE CLASS B
3	DBL GR SIDE ENTRY PIT	1800	900	37.14	300	36.93	750	38.74	1.82	VPA STD DWG EDCM602&605 (HAUNCHED) PIT COVER TO BE CLASS B
4	GRADED ENTRY PIT	900	900	37.08	600	37.17	600	39.14	1.97	VPA STD DWG EDCM601&605 (HAUNCHED) PIT COVER TO BE CLASS B
5	JUNCTION PIT	900	600	37.15	300					VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
6	JUNCTION PIT	900	600	37.32	450	38.02	450	40.00	1.98	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
7	GRADED PIT	900	600	37.47	300					VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
8	GRADED PIT	900	600	38.07	450	38.64	450	40.83	2.19	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
9	JUNCTION PIT	900	600	38.25	225					VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
10	JUNCTION PIT	900	600	38.69	450	39.16	450	41.15	1.99	VPA STD DWG EDCM605 PIT COVER TO BE CLASS D GRATED COVER
11	JUNCTION PIT	900	600	38.72	375	40.40	450	41.80	1.40	VPA STD DWG EDCM605 PIT COVER TO BE CLASS D GRATED COVER
12	GRADED ENTRY PIT	900	600	39.21	450					BLOCKOUT EASTERN WALL FOR FUTURE CONNECTION
13	DBL GR SIDE ENTRY PIT	1800	600	40.55	300	41.25	300	42.48	1.23	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
14	GRADED ENTRY PIT	900	600	41.30	300	41.61	300	42.67	1.06	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
15	JUNCTION PIT	900	600	41.68	225	42.27	225	43.07	0.80	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
16	GRADED ENTRY PIT	900	600			37.56	300	39.38	1.82	VPA STD DWG EDCM601&605 PIT COVER TO BE CLASS B
17	DBL GR SIDE ENTRY PIT	1800	600			37.24	300	38.68	1.44	VPA STD DWG EDCM602&605 PIT COVER TO BE CLASS B
18	GRADED ENTRY PIT	900	600			37.56	300	39.19	1.63	VPA STD DWG EDCM601&605 PIT COVER TO BE CLASS B
19	JUNCTION PIT	900	600	39.40	225	39.35	225	40.47	1.12	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
20	JUNCTION PIT	900	600	40.26	225	40.21	225	41.35	1.14	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
21	JUNCTION PIT	900	600			40.81	225	41.56	0.75	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
22	GRADED ENTRY PIT	900	600	39.33	375	39.28	375	41.36	2.08	VPA STD DWG EDCM601&605 PIT COVER TO BE CLASS B
23	GRADED ENTRY PIT	900	600	39.53	375	39.48	375	41.37	1.89	VPA STD DWG EDCM601&605 PIT COVER TO BE CLASS B
24	GRADED ENTRY PIT	900	600	40.09	300	40.01	375	41.87	1.86	VPA STD DWG EDCM601&605 PIT COVER TO BE CLASS B
25	JUNCTION PIT	900	600	40.09	300					VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
26	GRADED ENTRY PIT	900	600			40.80	300	42.30	1.50	VPA STD DWG EDCM605 PIT COVER TO BE CLASS B
27	GRADED ENTRY PIT	900	600			40.18	300	41.87	1.69	VPA STD DWG EDCM601&605 PIT COVER TO BE CLASS B

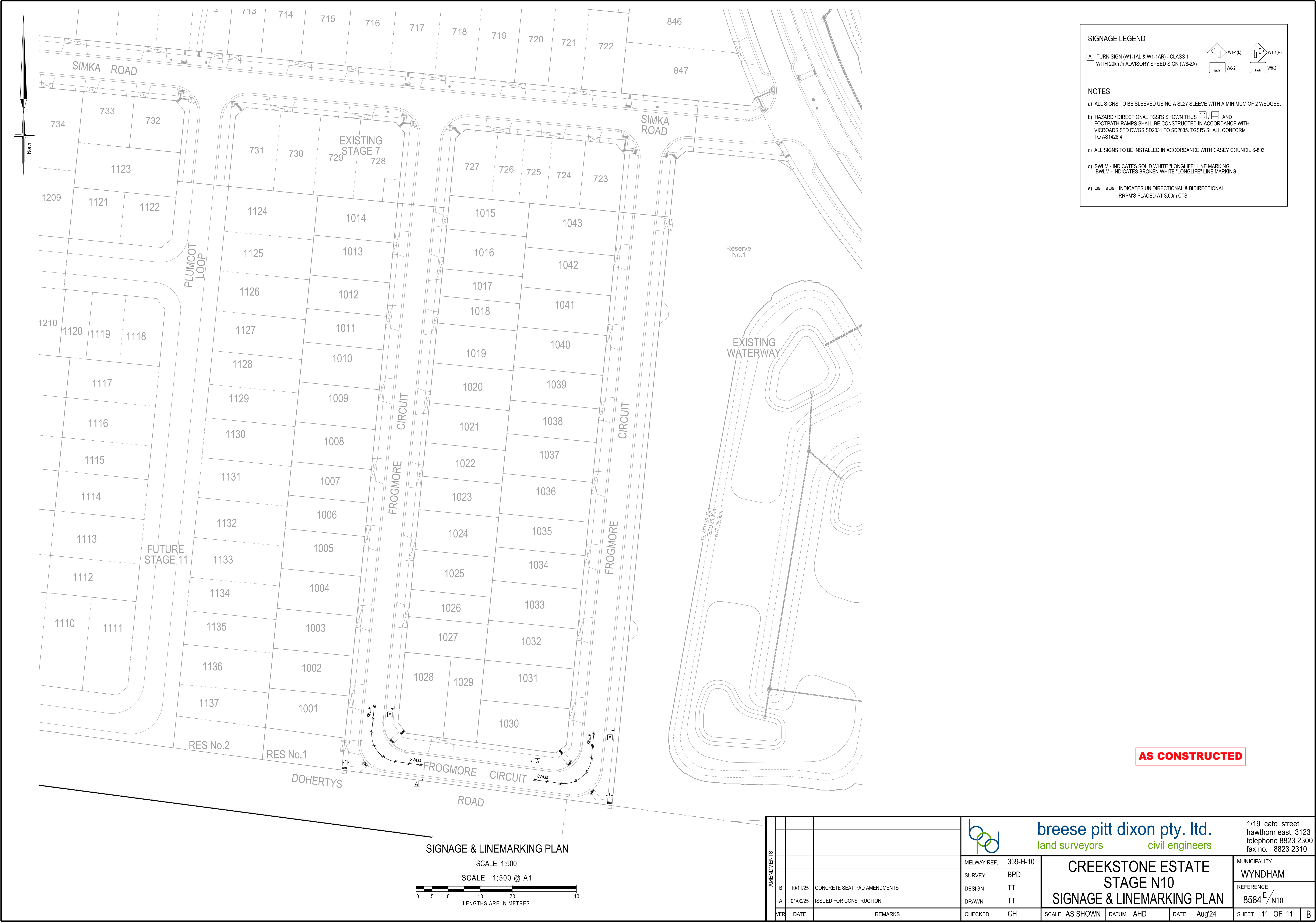
1. WHERE PIT HAUNCHING IS REQUIRED, INTERNAL PIT WALL DIMENSIONS MUST ALLOW 50mm CLEARANCE EACH SIDE OF PIPE OUTSIDE DIAMETER, INCLUDING ANGULAR PIPE ENTRY TO PIT, MINIMUM DIMENSIONS OF PIT BASE ARE TO BE AS PER SIZES SPECIFIED IN THE PIT SCHEDULE. TOP OF PIT OPENING FOR ALL HAUNCHED PITS TO BE 900mm x 600mm.
2. PIT BASE TO BE SHAPED TO MATCH LOWER HALF OF PIPE WHERE DROP ACROSS PIT IS LESS THAN 50mm.
3. HAUNCH PIT IN DIRECTION OF ROAD PAVEMENT

AS CONSTRUCTED

AMENDMENTS					breese pitt dixon pty. ltd.		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310								
					land surveyors		civil engineers								
					MELWAY REF.	359-H-10	CREEKSTONE ESTATE STAGE N10 PIT SCHEDULES	MUNICIPALITY							
					SURVEY	BPD		WYNDHAM							
					DESIGN	TT		REFERENCE							
	A	01/09/25	ISSUED FOR CONSTRUCTION		DRAWN	TT	8584 ^E /N10								
VER	DATE	REMARKS	CHECKED	CH	SCALE	AS SHOWN	DATUM	AHD	DATE	Aug'24	SHEET	10	OF	11	A

LDH584ENGST_N10/E10_R10_DL53.dgn

Phone: 2340268



SIGNAGE LEGEND

A

TURN SIGN (W1-1AL & W1-1AR) - CLASS 1
WITH 20km/h ADVISORY SPEED SIGN (W8-2A)

W1-1(L)

W1-1(R)

W8-2

W8-2

NOTES

a) ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE WITH A MINIMUM OF 2 WEDGES.

b) HAZARD / DIRECTIONAL TGSIS SHOWN THUS AND FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STD DWGS SD2031 TO SD2035. TGSIS SHALL CONFORM TO AS1428.4

c) ALL SIGNS TO BE INSTALLED IN ACCORDANCE WITH CASEY COUNCIL S-803

d) SWLM - INDICATES SOLID WHITE "LONGLIFE" LINE MARKING
BWLm - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING

e) INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPMS PLACED AT 3.00m CTS

AS CONSTRUCTED

SIGNAGE & LINEMARKING PLAN

SCALE 1:500

SCALE 1:500 @ A1



AMENDMENTS				bpd land surveyors breese pitt dixon pty. ltd. civil engineers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310 MUNICIPALITY WYNDHAM REFERENCE 8584^E/N10			
B	10/11/25	CONCRETE SEAT PAD AMENDMENTS	SURVEY	BPD	CREEKSTONE ESTATE STAGE N10 SIGNAGE & LINEMARKING PLAN			
A	01/09/25	ISSUED FOR CONSTRUCTION	DESIGN	TT				
VER	DATE	REMARKS	CHECKED	CH	SCALE	AS SHOWN	DATUM	AHD
					DATE	Aug'24		
					SHEET	11	OF	11
					B			