

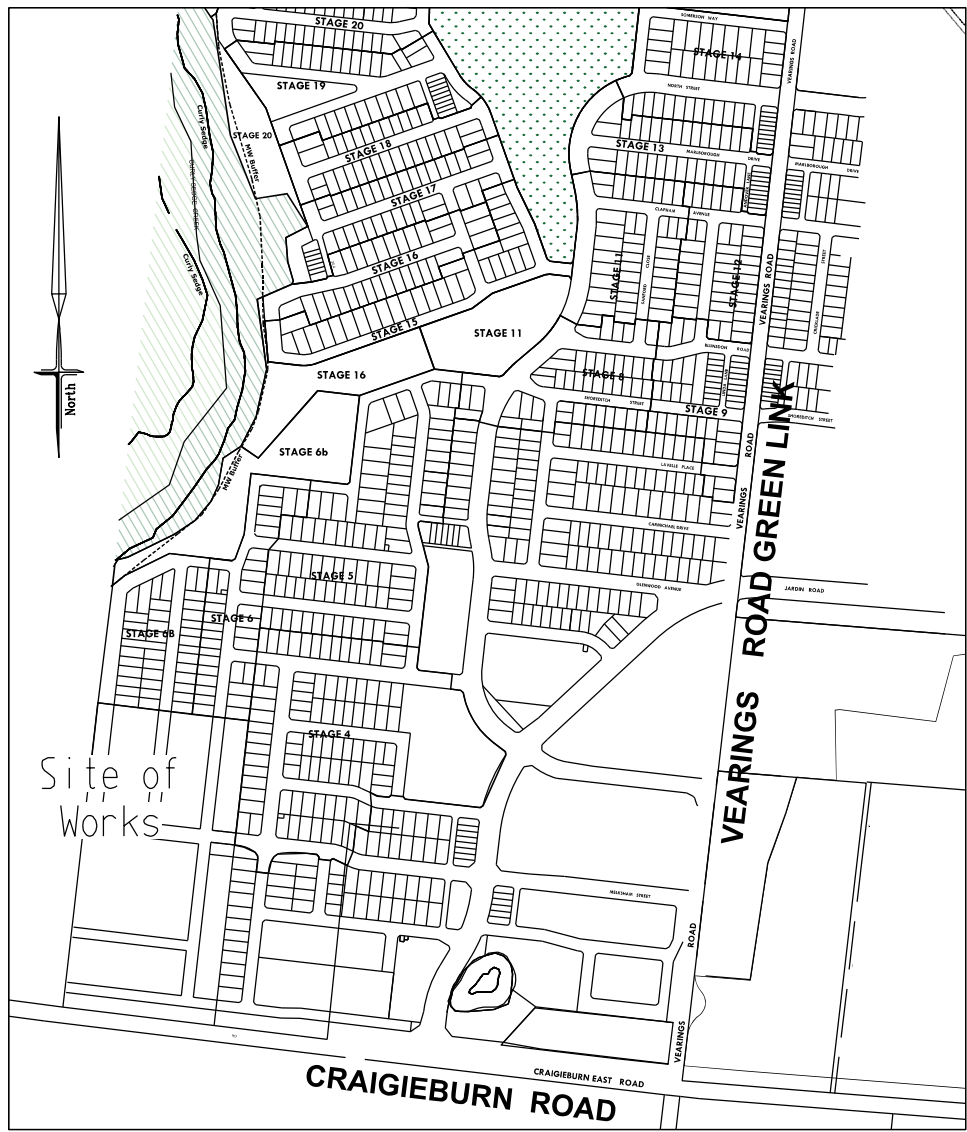
FOR CONTINUATION REFER TO INSET RIGHT

3.71ha

SHEET INDEX

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2	A	NOTES AND TYPICAL SECTIONS
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10	B	SIGNAGE AND LINEMARKING PLAN

AS CONSTRUCTED



LOCALITY PLAN

N.T.S.
MELWAYS: 388 C 10

ALL PRAM CROSSING SPLAYS
TO BE 600mm FROM EDGE OF PATH

TACTILES TO BE INSTALLED
IN ACCORDANCE WITH
CITY OF WHITTLESEA SD320

PROPOSED STAGE 6

PROPOSED FUTURE STAGE

3.71ha

FOR CONTINUATION REFER TO ABOVE LEFT

SERVICES OFFSETS AND LOCATIONS

Location	Gas	Water		Telecommunications		Electricity		BOK	Road Width	Joint Trenching	Street Classification
		NDW	DW	Cables	Pits	Cables	Poles				
OAKVILLE PLACE	2.20 N/W	2.70 N/W	3.20 N/W	1.85 E	1.80 E/W	2.45 E	1.00 BOK	4.35 E 4.05 W	16.00	G&W/FTTH&E	LEVEL 1
LAKE RIDGE DRIVE	2.25 S/E	2.70 S/E	3.20 S/E	5.85 N/W	1.80 S/E	6.45 N/W	1.00 BOK	6.05 N/W 4.35 S/E	20.00	G&W/FTTH&E	LEVEL 1
LAKE RIDGE DRIVE LOTS 636-637	1.70 S	2.20 S	2.65 S	0.8 S	0.8 S	0.80 N	1.00 BOK	1.85 N 4.05 S	13.50	G&W/FTTH&E	LEVEL 1

NOTE: a) At the court bowl where water and gas mains pass, the watermain offset is to be increased by 0.5 metres.
b) * Indicates offsets from back of kerb where services do not run parallel to title boundary.
c) * Indicates Telecommunication pits placed within concrete footpath.

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.

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.
- 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.

PLAN

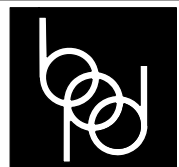
SCALE 1:500

SCALE 1 : 500

LENGTHS ARE IN METRES

SYMBOL LEGEND

Drains >300	Prop	Exist	Ex/Natural/FS Level >28.57
Sewer >300	S	S	FS @ Building Line
Water	W	W	Top/Toe of Batter
House Drain	H	H	Top Ret. Wall Level
Property Inlet	P	P	100yr Flood Level
Street Sign	+	+	Fill Prop/Ex
PSM	+	+	Cut Prop/Ex
Retaining Wall	+	+	
Conduits 50mm	+	+	
Conduits 100mm	+	+	
Ex Gas/Elect/Tel	+	+	



breese pitt dixon pty. ltd.
land surveyors civil engineers

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

RATHDOWNE ESTATE
STAGE 6B
DETAIL PLAN

MUNICIPALITY

WHITTLESEA

REFERENCE

9365 E/6B

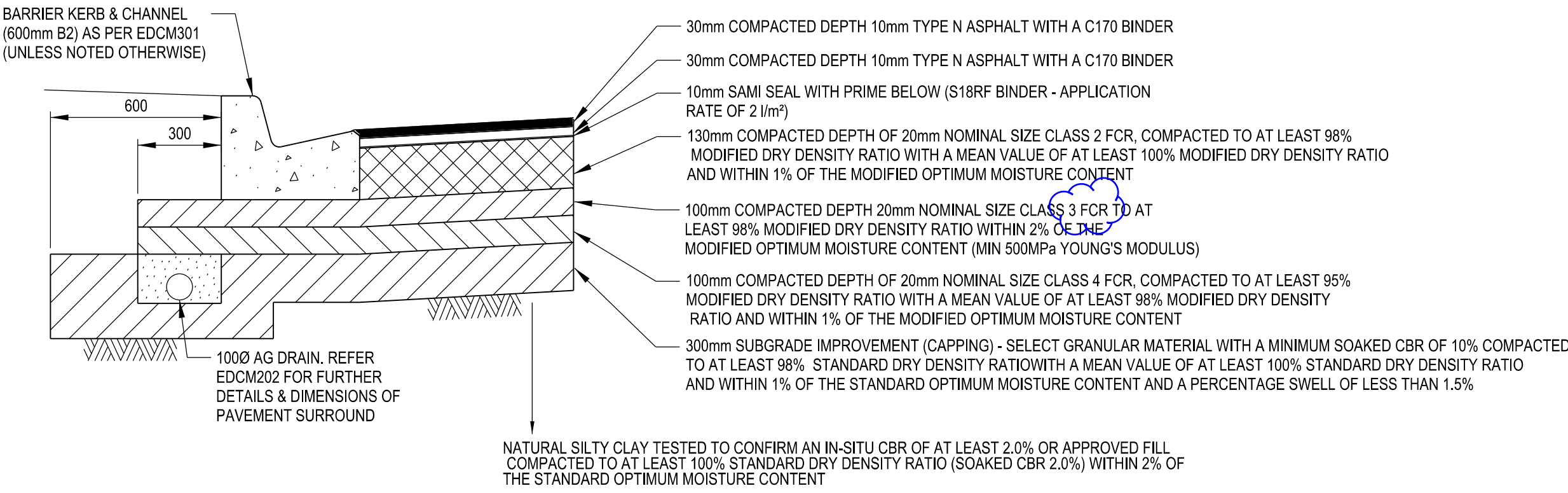
SHEET 1 OF 10 C

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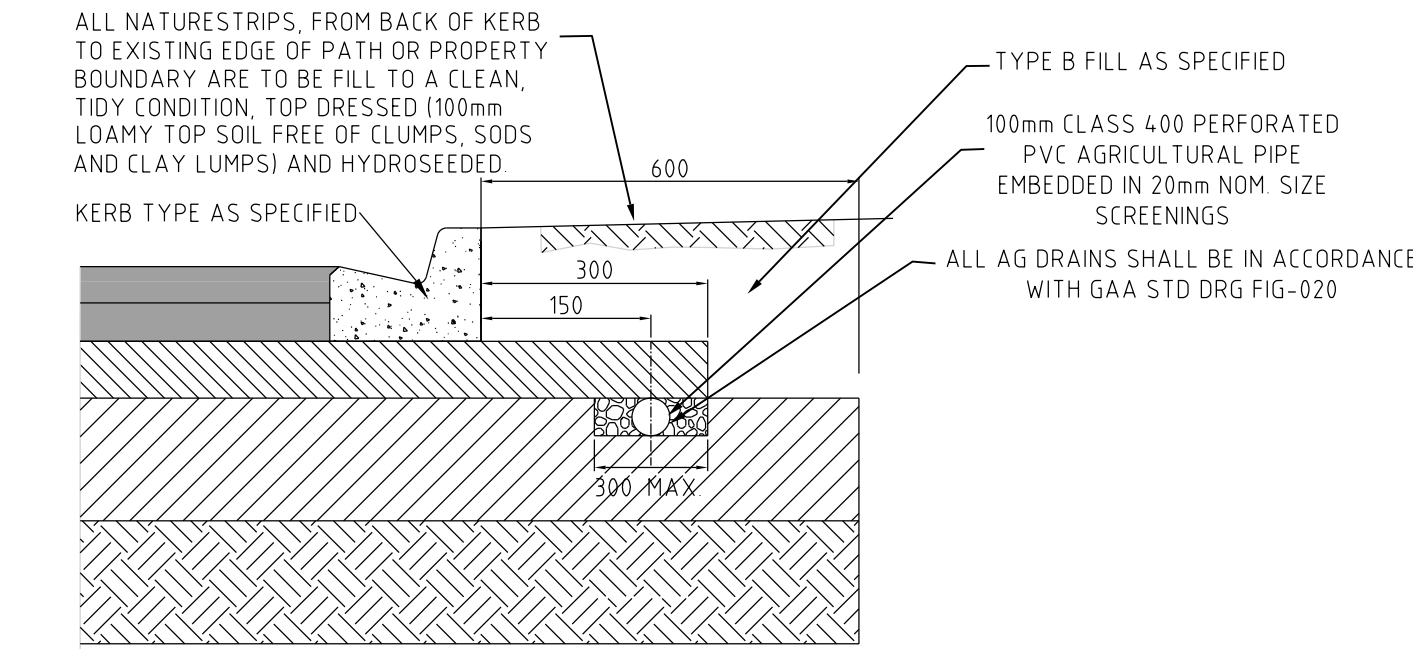
NOTES

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH PLANS AND CURRENT CITY OF WHITTLESEA SPECIFICATIONS AND STANDARD DRAWINGS APPROVED BY COUNCIL AND TO THE SATISFACTION OF THE ENGINEER. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
a) SOURCES OF QUARRY MATERIAL
b) N.A.T.A. APPROVED TEST RESULTS FOR THE F.C.R. THAT IS TO BE USED.
c) IF THE SOURCE THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.
2. COUNCIL TO BE NOTIFIED 2 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
3. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
4. ALL LEVELS ARE TO BE AUSTRALIAN HEIGHT DATUM (AHD)
5. DRAINAGE AND PITS TO BE SETOUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES.
6. ALL PIPES TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED AND SHALL BE RRJ UP TO AND INCLUDING 750mm DIAMETER. ALL DRAINS THAT CROSS UNDER ROAD PAVEMENTS ARE TO BE RRJ CLASS 4 R.C.P.
7. JOINTING FOR CURVED PIPE ALIGNMENT SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS (RRJ'S FOR MINOR DEFLECTIONS OR COMPLETE R.C. BANDAGES)
8. PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.
9. LOTS DENOTED THUS 416H ARE TO BE PROVIDED WITH A 100mm HOUSE DRAIN PLACED 7.00m FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN. HOUSE DRAINS TO BE CONNECTED TO STREET DRAINAGE WITH 27A & CAP. CLEAR OF ANY PAVING. IF CONNECTION IS WITHIN PAVING A PIT MUST BE USED.
10. APPROVED GRANULAR BACKFILL TO BE PROVIDED WHERE PIPE TRENCHES ENROACH UNDER ROADWAY DUE TO DEEP EXCAVATIONS IN ROCK.
11. SHALLOW CUT OFF DRAINS ARE TO BE PROVIDED ON SUBDIVISION BOUNDARY WHERE NECESSARY.
12. WHERE CONCRETE PAVING CROSSES SERVICE TRENCHES, SEWERAGE AND DRAINAGE, TRENCHES SHALL BE BACKFILL WITH COMPACTED FINE CRUSH ROCK.
13. ALL CROSSEOVERS MUST BE 0.75m FROM THE DRAINAGE PITS AND PRAM CROSSINGS. IN ADDITION, THE PRAM CROSSING MUST BE 2m FROM THE DRAINAGE PITS.
14. 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 SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
15. AGRICULTURAL PIPE DRAINS 100mm PVC CLASS 4 TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER PITCHERS AND WHERE DIRECTED BY THE ENGINEER (REFER TO COUNCIL STANDARD DRAWINGS). WHERE KERB AND CHANNEL IS LOCATED ON TITLE BOUNDARY AG'S ARE TO BE PLACED BENEATH KERB AND 750mm BELOW TOP OF KERB.
16. ALL DRAINS BEHIND KERB AND CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20mm CLASS 2 F.C.R. COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S. 1289.5.2.1-2003. EXCEPT WHERE DRAINS UP TO AND INCLUDING 450mm DIA. PIPES ARE LOCATED BEHIND KERB, THESE TRENCHES ARE TO BE BACKFILLED WITH SCREENINGS IN LIEU OF AG'S.
17. AGRICULTURAL DRAINS ARE TO BE 760mm BELOW TOP OF KERB.
18. BATTERS SHALL BE 1 IN 6 FOR CUT & FILL UNLESS OTHERWISE SHOWN.
19. ALL NATIVE TREES AND SHRUBS TO BE RETAINED UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL OR REMOVAL IS DIRECTED BY THE ENGINEER.
20. LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER.
21. ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF RUBBISH AND SPOIL FROM SITE.
22. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED PRIOR TO COMMENCEMENT OF WORKS.
23. ALL MATERIAL SURROUNDING SERVICE AUTHORITY PITS LOCATED IN FOOTPATHS MUST BE ADEQUATELY COMPACTED IN 150mm LAYERS AND TESTED TO THE SATISFACTION OF THE CITY OF WHITTLESEA, PRIOR TO THE CONSTRUCTION OF FOOTPATH BAYS ADJACENT TO THESE PITS.
24. 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.
25. ALL GAS AND WATER CONDUIT TYPES ARE PVC CLASS 12 WITH A 50mm DIAMETER FOR RESIDENTIAL LOTS.
26. TELSTRA/NBN Co TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE BEING PLACED.
27. CONDUITS ARE TO BE EXTENDED 450mm BEHIND FACE OF KERB AND TO BE REFERENCED ON FACE OF KERB.
28. ALL STREET SIGNS TO BE CONSTRUCTED AND ERECTED TO CURRENT CITY OF WHITTLESEA STANDARDS. STREET NAME PLATES TO BE IN ACCORDANCE WITH STANDARD DRAWING SD812, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE.
29. TRAFFIC CONTROL SIGNS, MARKINGS & DELINEATORS TO BE INSTALLED IN ACCORDANCE WITH AS1742.2. ALL LINE MARKING IS TO BE LONG LIFE ROAD MARKING, WITH LONGITUDINAL LINES IN THERMOPLASTIC & TRANSVERSE MARKINGS IN COLD APPLIED.
30. ALL DRIVEWAYS TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN. REFER EDM STD. DWG 601 FOR DETAILS.
31. ALL DRIVEWAY RAMPS INTO PROPERTIES ARE TO BE CUT IN AT A MAXIMUM GRADE OF 1 IN 6.
32. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. FILLING 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 AS1289.5.2.1-1993. TESTING TO COMPLY WITH AS3798-1996 APPENDIX B, LEVEL 1.
33. 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 SUPERVISING ENGINEER.
34. FILL REQUIRED UNDER ROADWAY KERB AND CHANNEL AND FOOTPATH TO BE APPROVED GRANULAR MATERIAL COMPACTED TO 95% AASHO IN 150mm LAYERS.

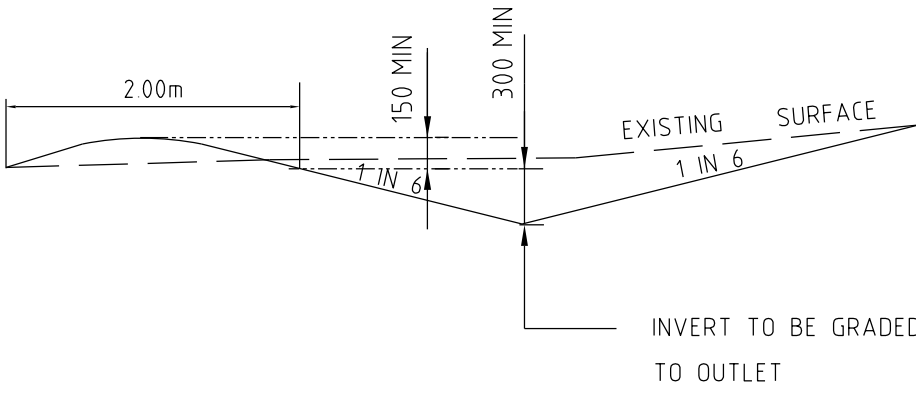
36. PAVEMENT DEPTH MAY BE MODIFIED AS DIRECTED BY THE ENGINEER.
37. ALL 125mm THICK FOOTPATH CONCRETE PAVING TO BE REINFORCED WITH SL72 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH EDM STANDARD DRAWING 401.
38. THE CONTRACTOR IS TO ORGANISE AND PAY FOR TESTING OF PAVEMENT BASE COURSE MATERIAL AND FINAL LAYER OF CRUSHED ROCK. A COPY OF RESULTS IS TO BE FORWARDED TO THE DIRECTOR OF ENGINEERING OR HIS REPRESENTATIVE. THE RESULTS MUST MEET THE REQUIREMENTS OF THE CITY OF WHITTLESEA SPECIFICATION BEFORE ANY FURTHER WORKS ARE REQUIRED.
39. 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.
40. 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 ENVIRONMENT 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.
41. ALL FOOTPATHS IN ROADS TO BE OFFSET 50mm FROM PROPERTY BOUNDARY. FOOTPATHS CONSTRUCTED ABOVE EXISTING LEVEL TO BE CONSTRUCTED ON APPROVED FILL (TO AS-3798) OF F.C.R. INTO NATURAL GROUND.
42. REFER TO LANDSCAPE ARCHITECT PLANS FOR DETAILS OF VEHICLE EXCLUSION FENCING AROUND PERIMETER OF WORKS.
43. PRIOR TO COMMENCEMENT OF WORKS A RINGLOCK WIRE MESH FENCE, APPROX 1.8m HIGH, SHALL BE ERECTED AROUND TREES NOTED "TO BE RETAINED". CORNER POSTS TO BE TREATED PINE WITH TREATED PINE STAYS. INTERMEDIATE POSTS TO BE STAR PICKETS AT 3m INTERVALS. EVERY THIRD POST TO BE TREATED PINE. NO CONCRETE IS TO BE USED TO SECURE POSTS. NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY TREE UNTIL APPROVAL IS GIVEN BY THE ENGINEER.
44. ALL FENCES ADJOINING ALL RESERVES (OTHER THAN ROAD RESERVES) ARE TO BE ERECTED BY THE DEVELOPER (OR OWNER) AT NO COST TO COUNCIL AND SHALL BE CONSTRUCTED PRIOR TO STATEMENT OF COMPLIANCE IN ACCORDANCE WITH CONDITION 43 OF THE PERMIT.
45. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED 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 COUNCIL SUPERVISING ENGINEER.
46. TACTILE GROUND SURFACE INDICATORS (TGS1) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH AS1428 AND SD320.
47. THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE CHIEF EXECUTIVE OFFICER/OR THEIR REPRESENTATIVE AS PER THE HOLD POINTS IN THE WHITTLESEA CITY COUNCIL SPECIFICATIONS.
48. THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURE / FENCES AND OR ANY RETAINING WALLS 600mm IN HEIGHT.
49. ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO BE REINSTATED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER / OR THEIR REPRESENTATIVE.
50. AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER / OR THEIR REPRESENTATIVE.
51. ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIRE-FIGHTING PURPOSES" PUBLICATION (DEVELOPED BY C.F.A., M.F.E.S.B. & N.R.E.). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.



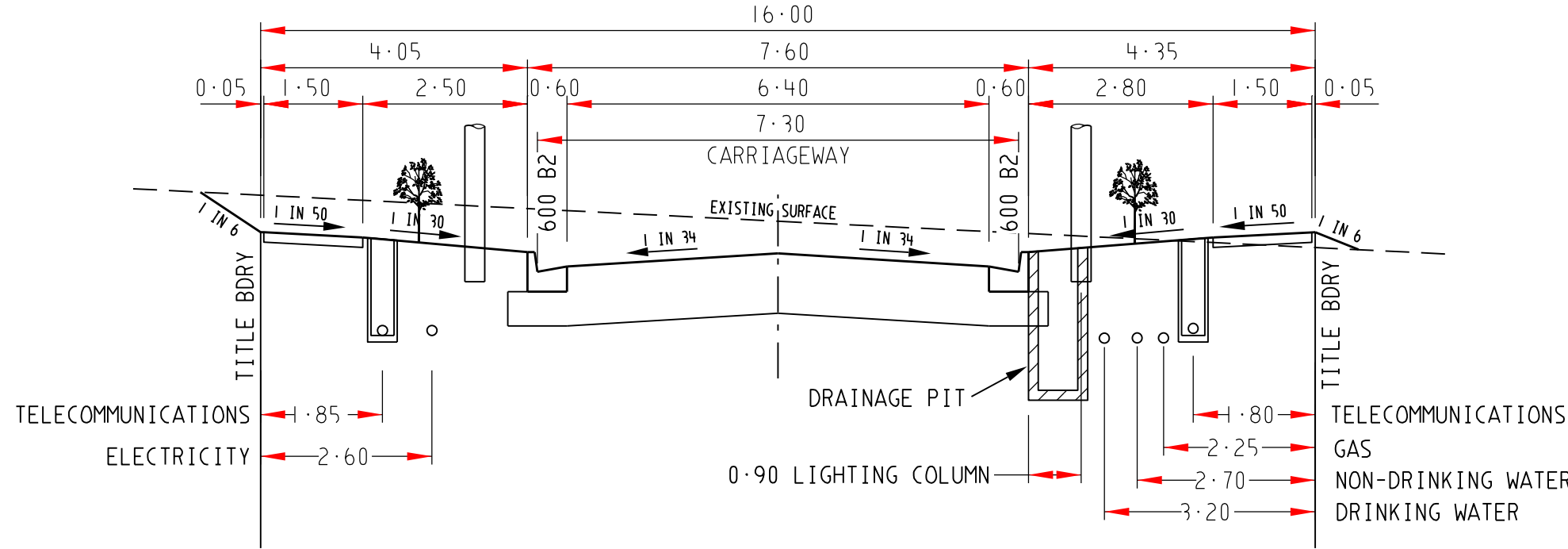
LAKERIDGE DRIVE/ OAKVILLE PLACE - 400mm DEPTH
REFER TO EDM202 FOR FURTHER AG, SERVICE CONDUIT AND TRENCH BACKFILL DETAILS



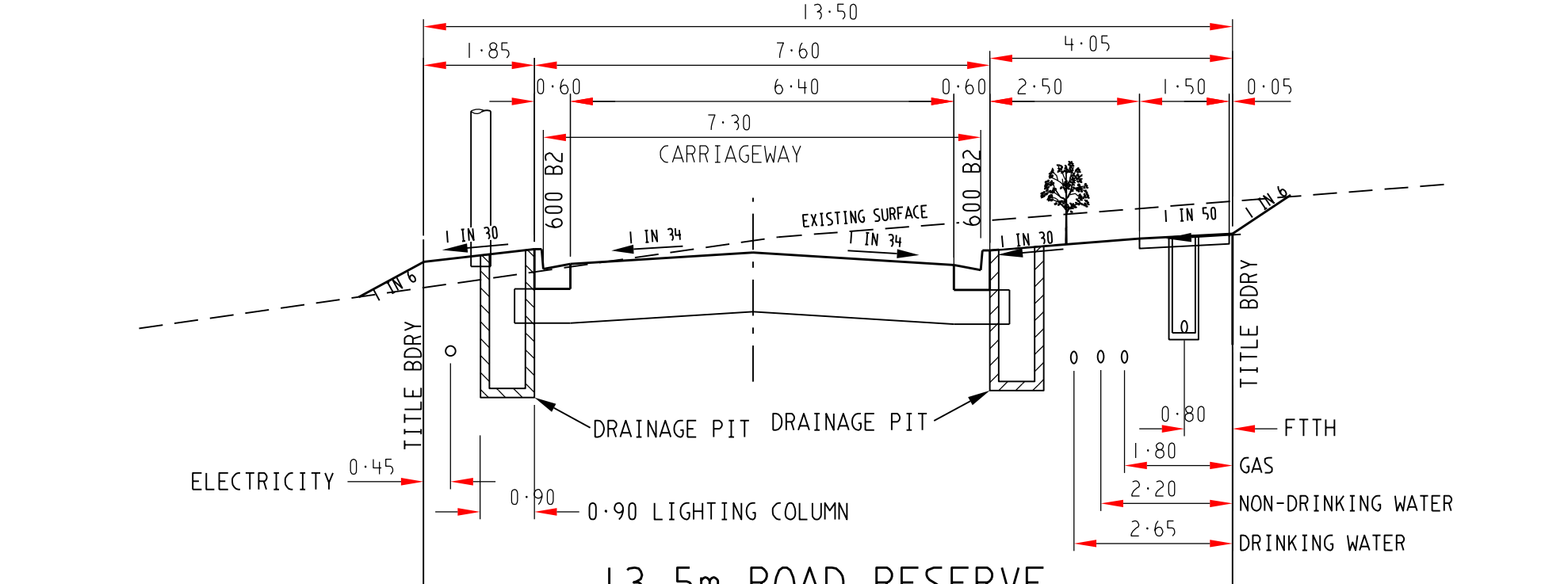
PAVEMENT COMPOSITION
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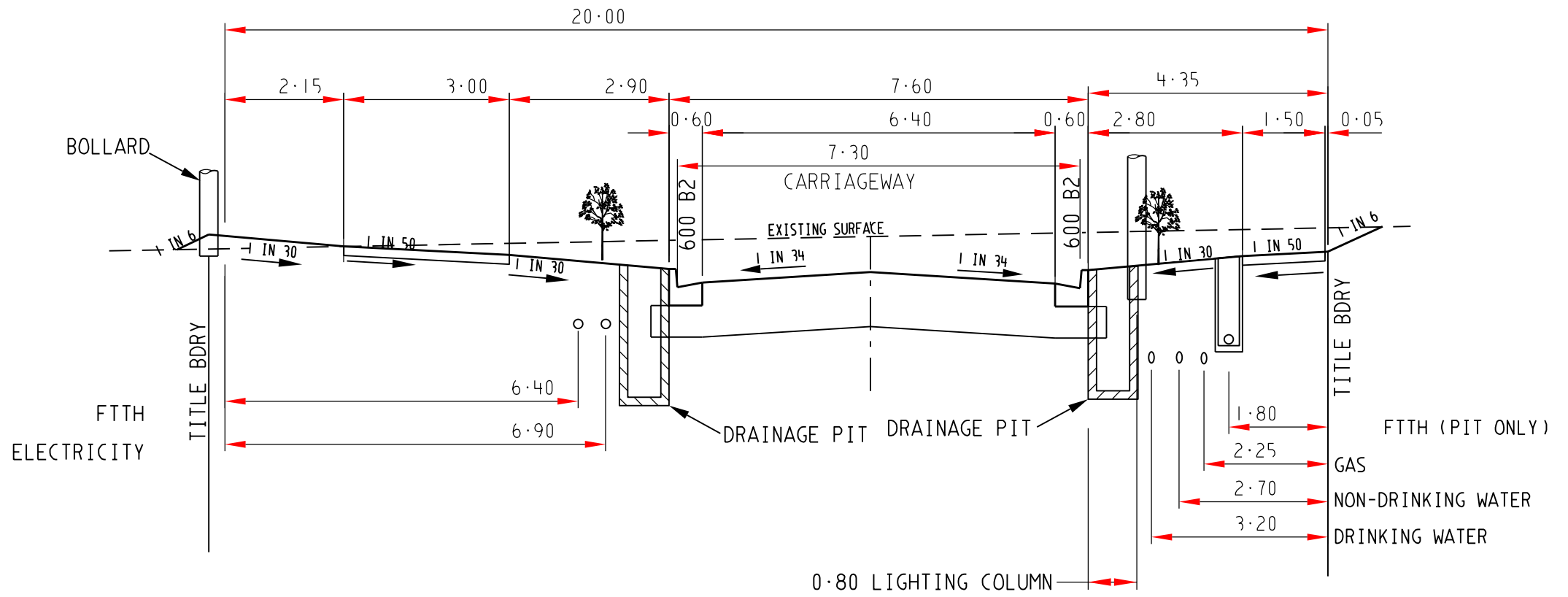
CUT-OFF DRAIN DETAIL
NOT TO SCALE



16.0m ROAD RESERVE
OAKVILLE PLACE
LOCAL ACCESS STREET - LEVEL 1



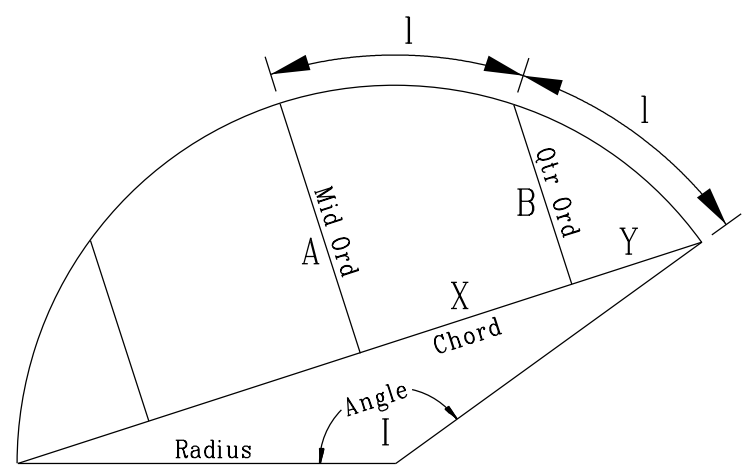
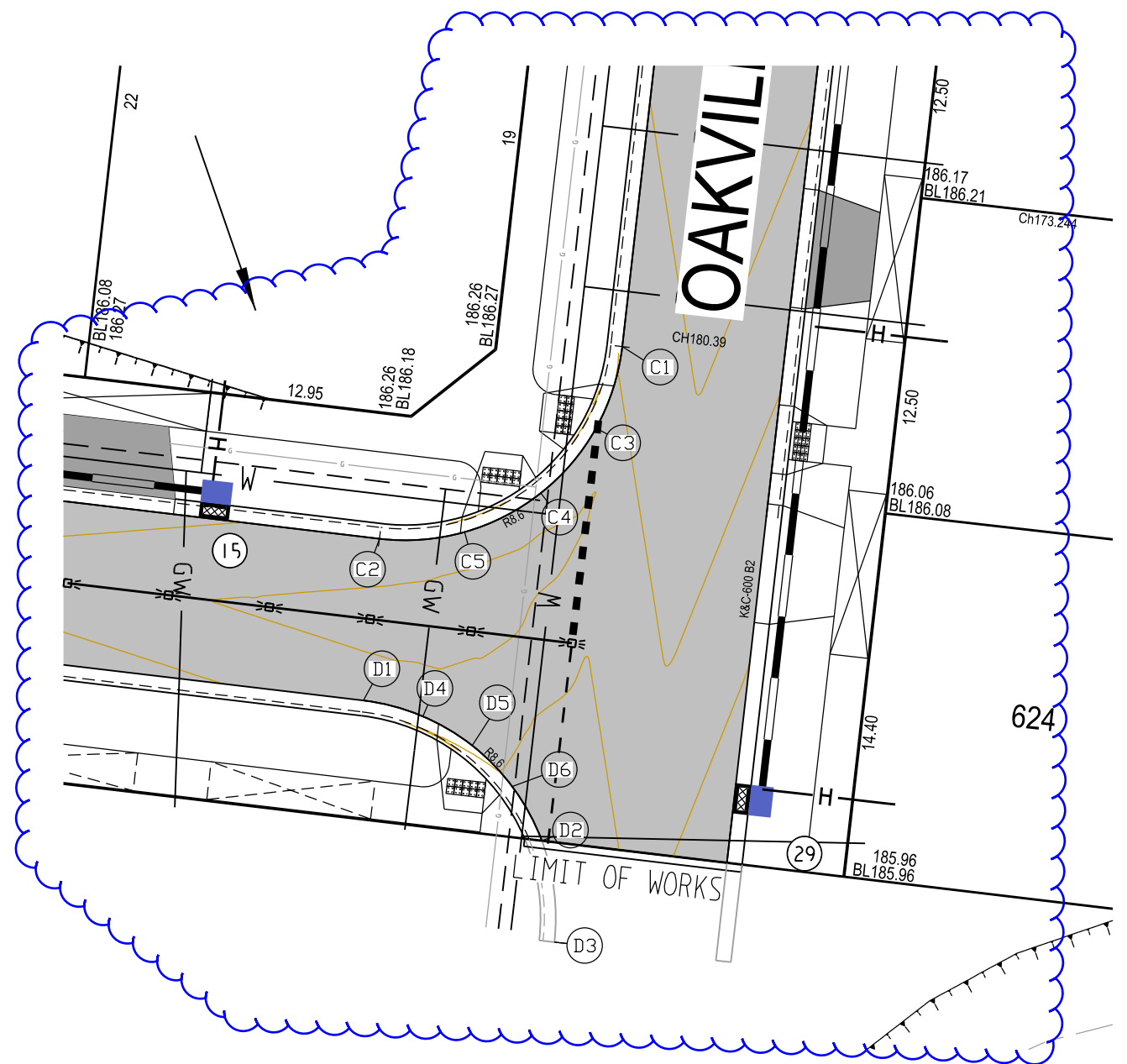
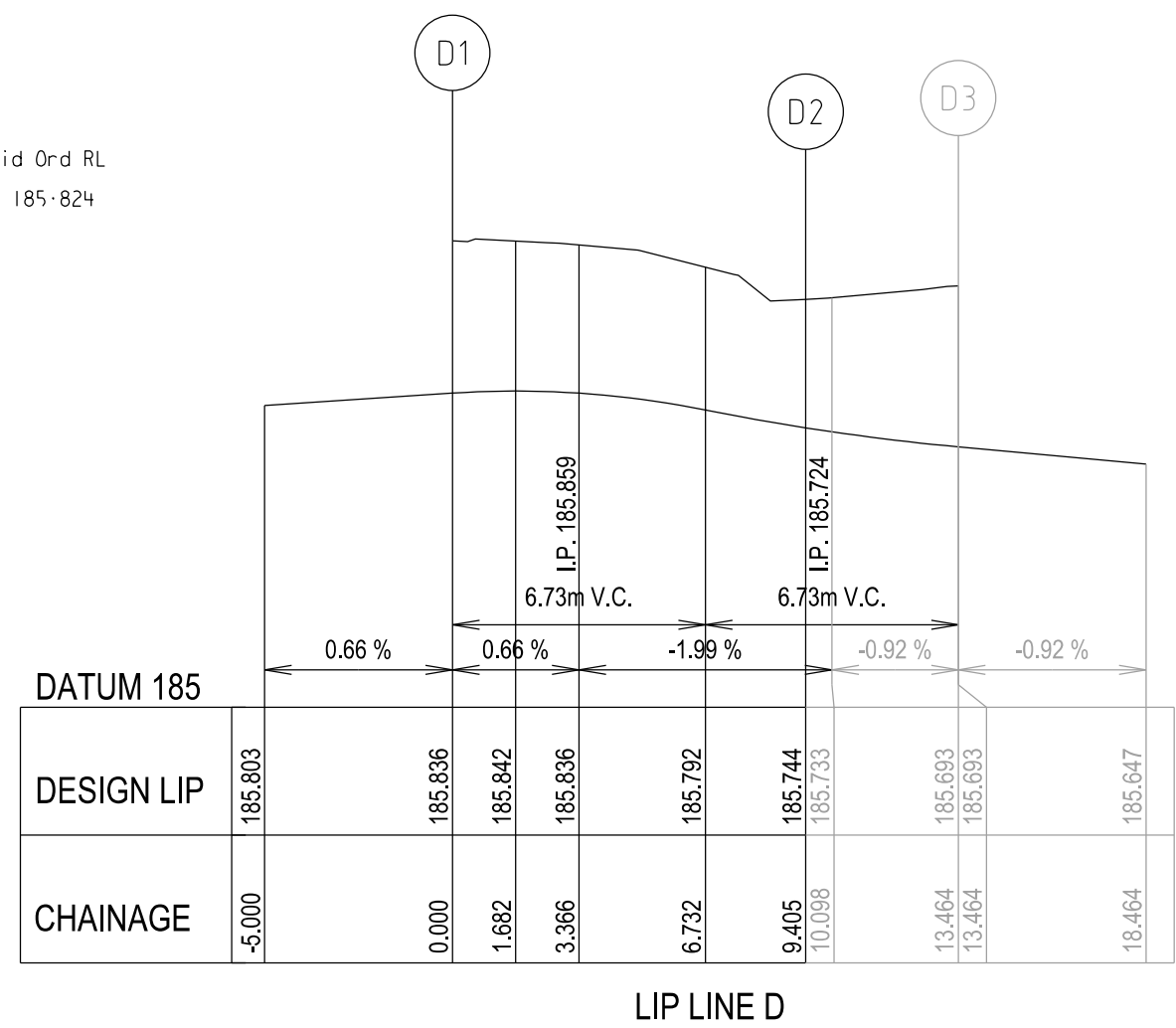
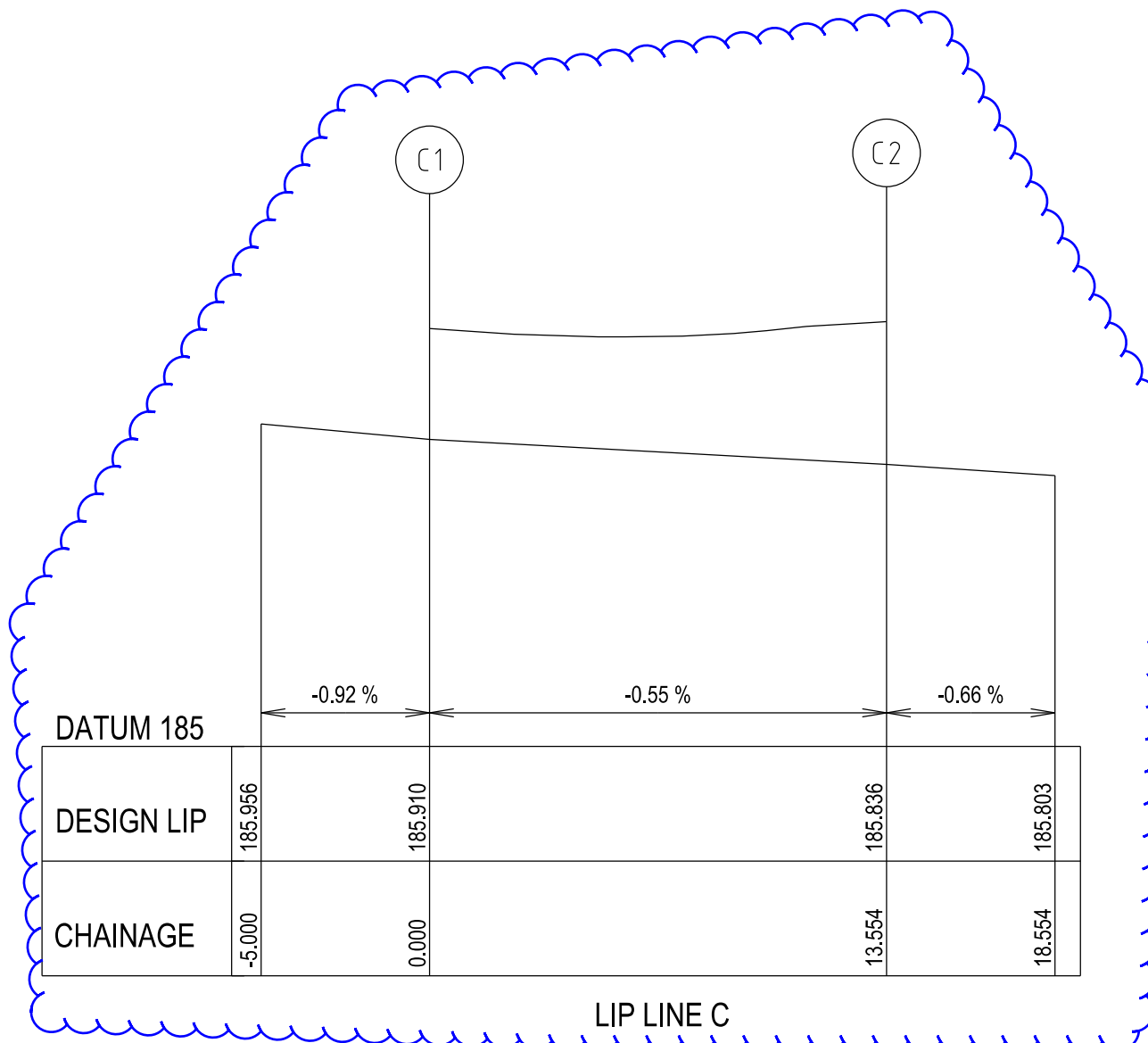
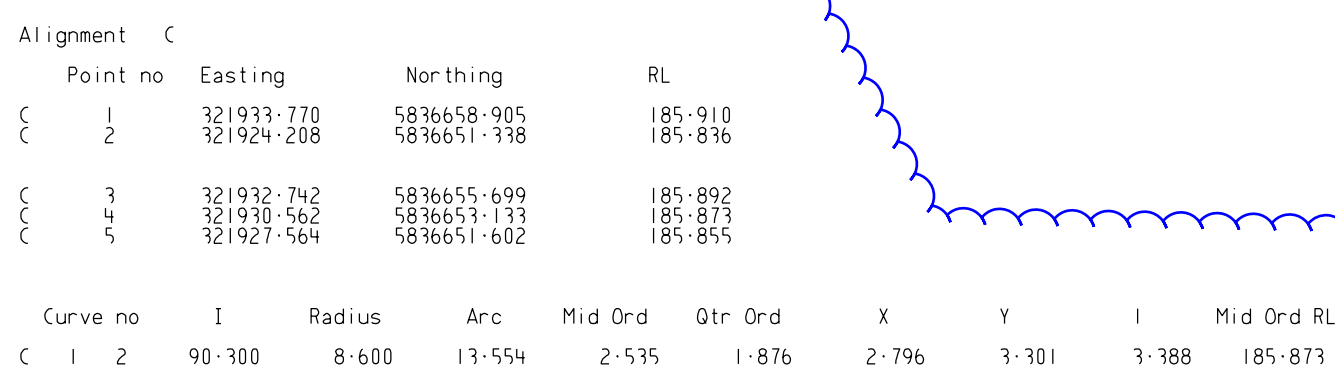
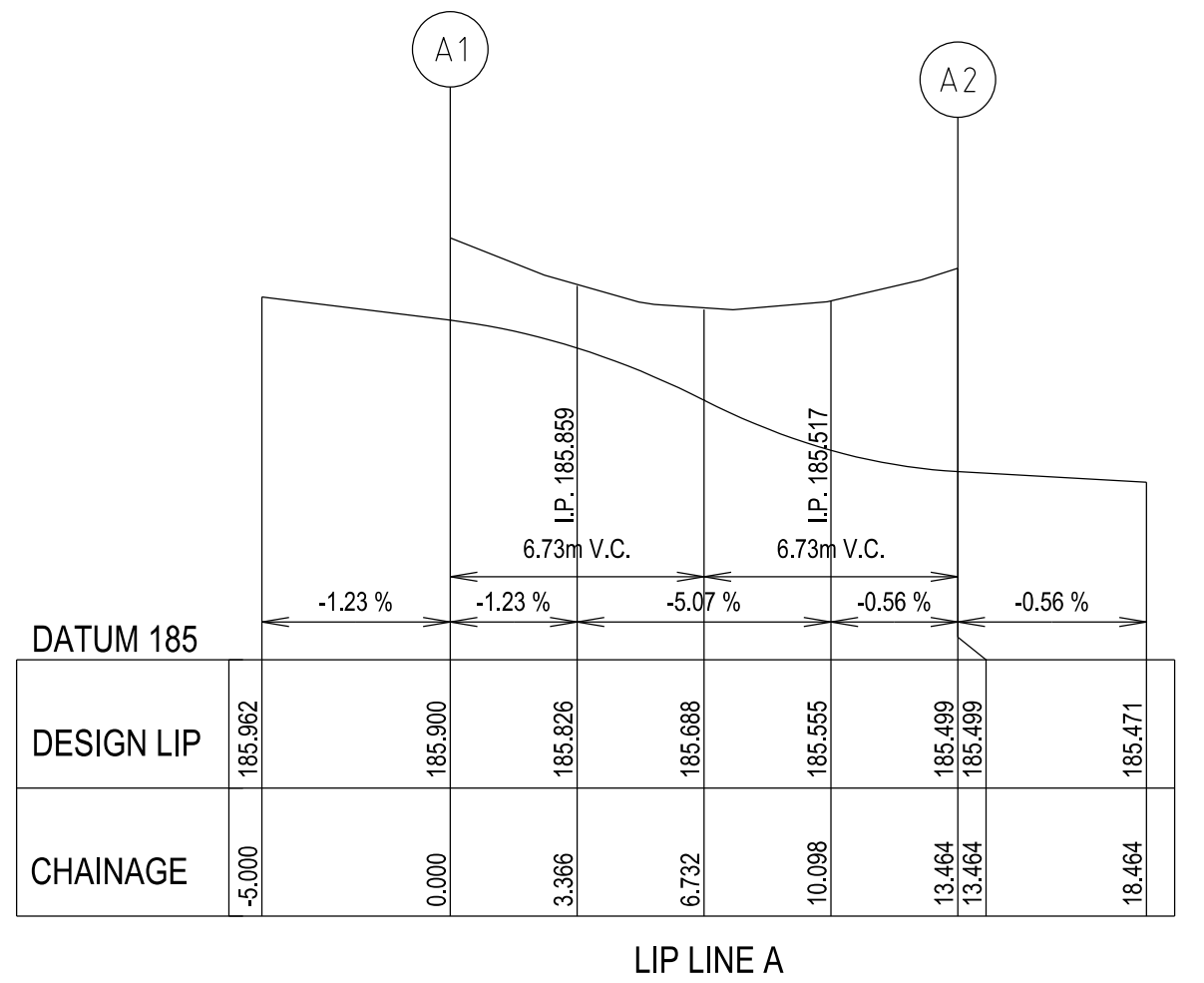
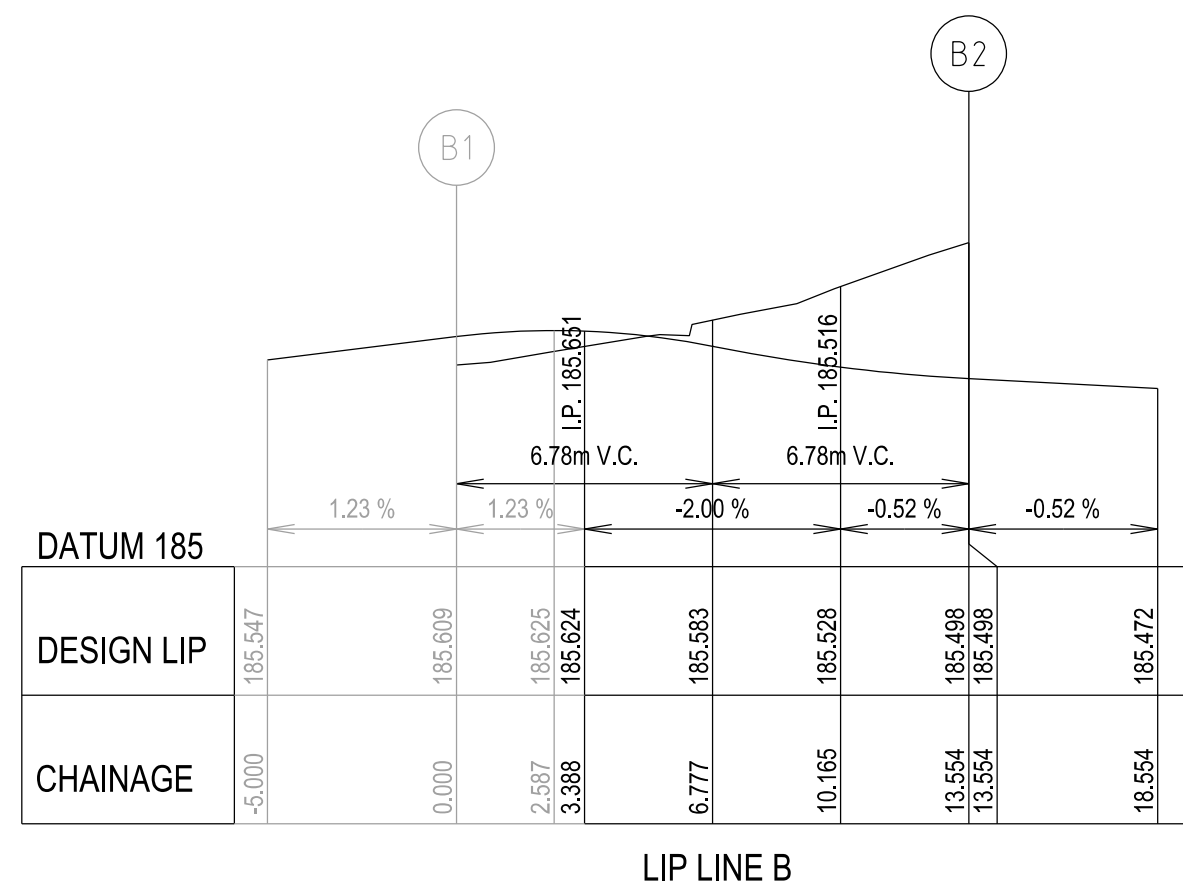
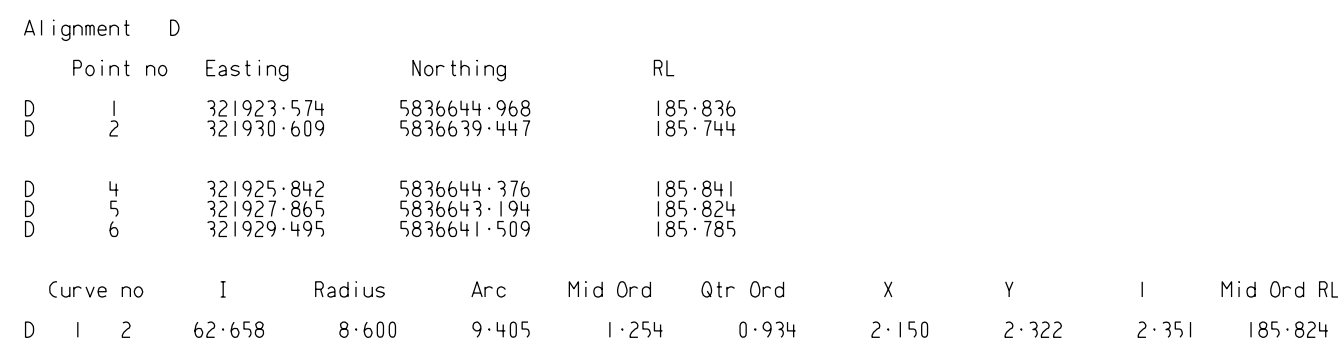
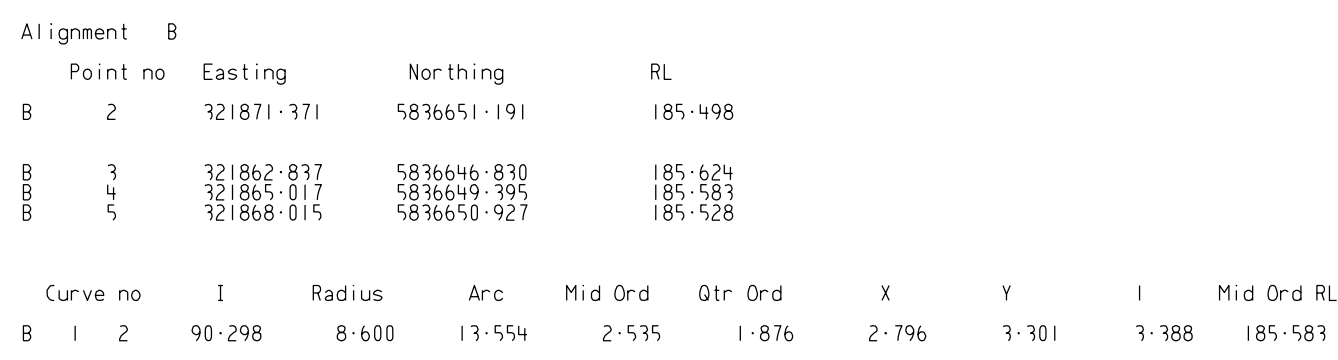
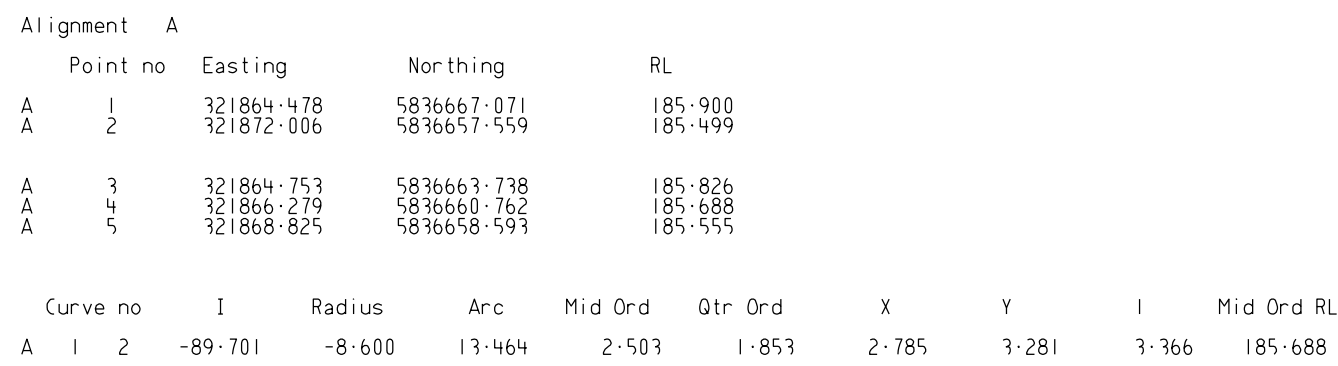
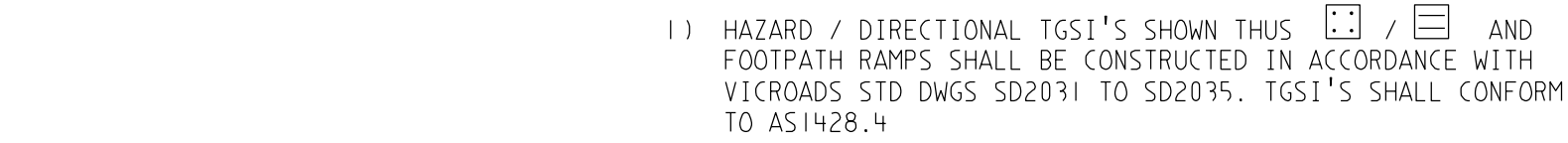
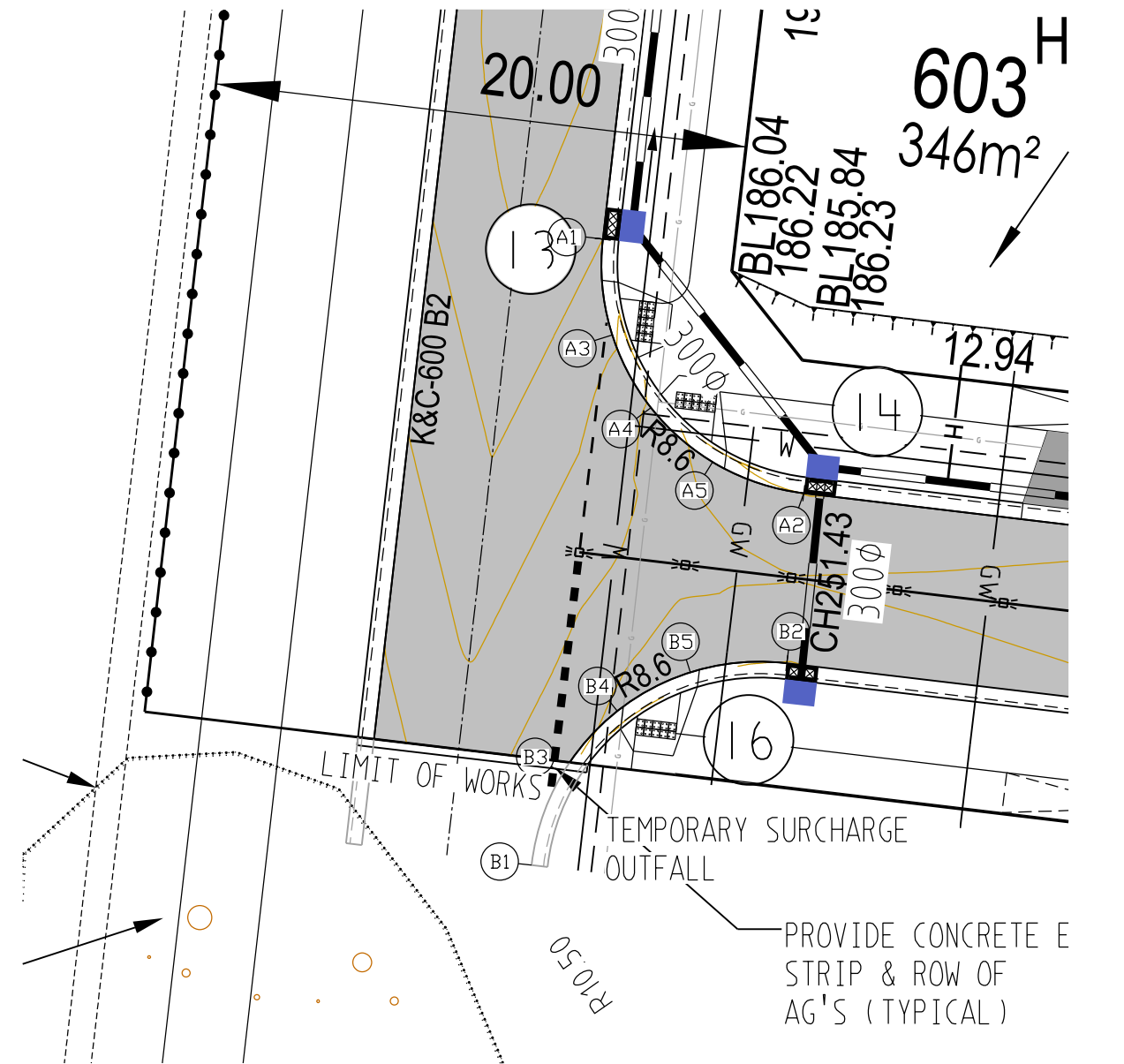
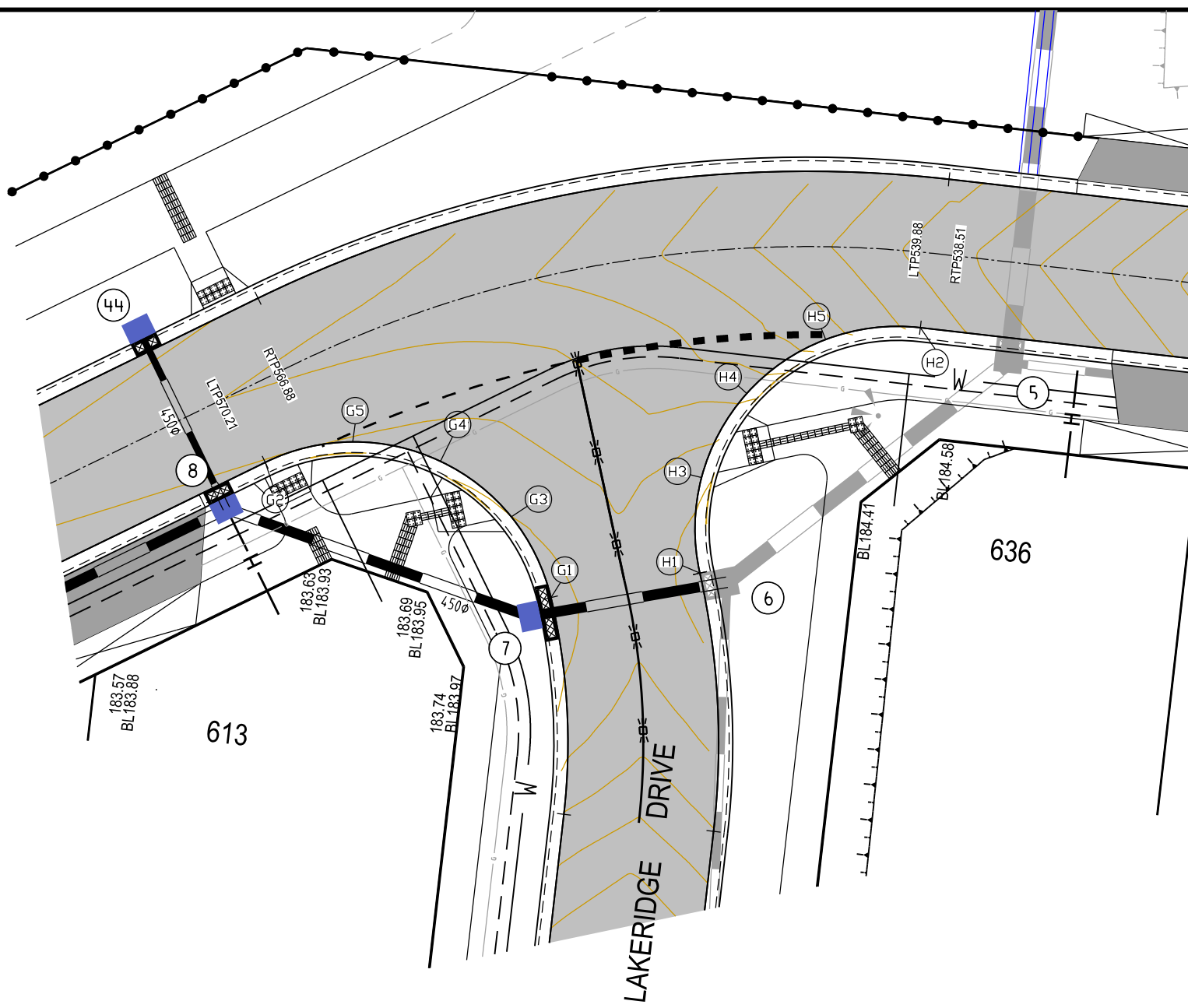
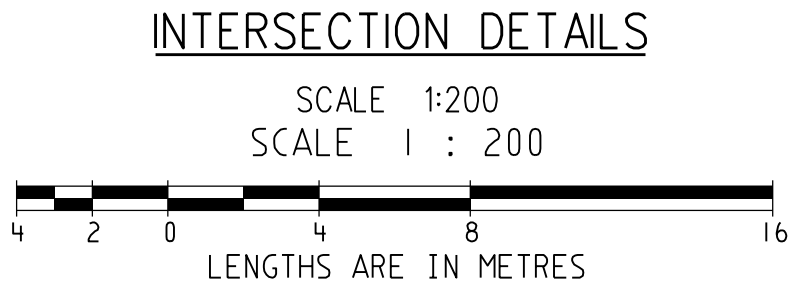
13.5m ROAD RESERVE
LAKERIDGE DRIVE
LOCAL ACCESS STREET - LEVEL 1



20.0m ROAD RESERVE: CONSERVATION AREA / RESERVE INTERFACE
LAKERIDGE DRIVE
LOCAL ACCESS STREET - LEVEL 1

AS CONSTRUCTED

AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers	1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
B	12-01-21	CTCR REMOVED	MELWAY REF.	388-C-10	RATHDOWNE ESTATE STAGE 6B NOTES AND TYPICAL SECTIONS	MUNICIPALITY WHITTLESEA REFERENCE 9365 E/6B
			SURVEY	BPD		
			DESIGN	RGW		
A	23-09-20	ISSUE FOR CONSTRUCTION	DRAWN	RGW	SCALE AS SHOWN DATUM AHD DATE SEP'20	SHEET 2 OF 10 B
VER	DATE	REMARKS	CHECKED			

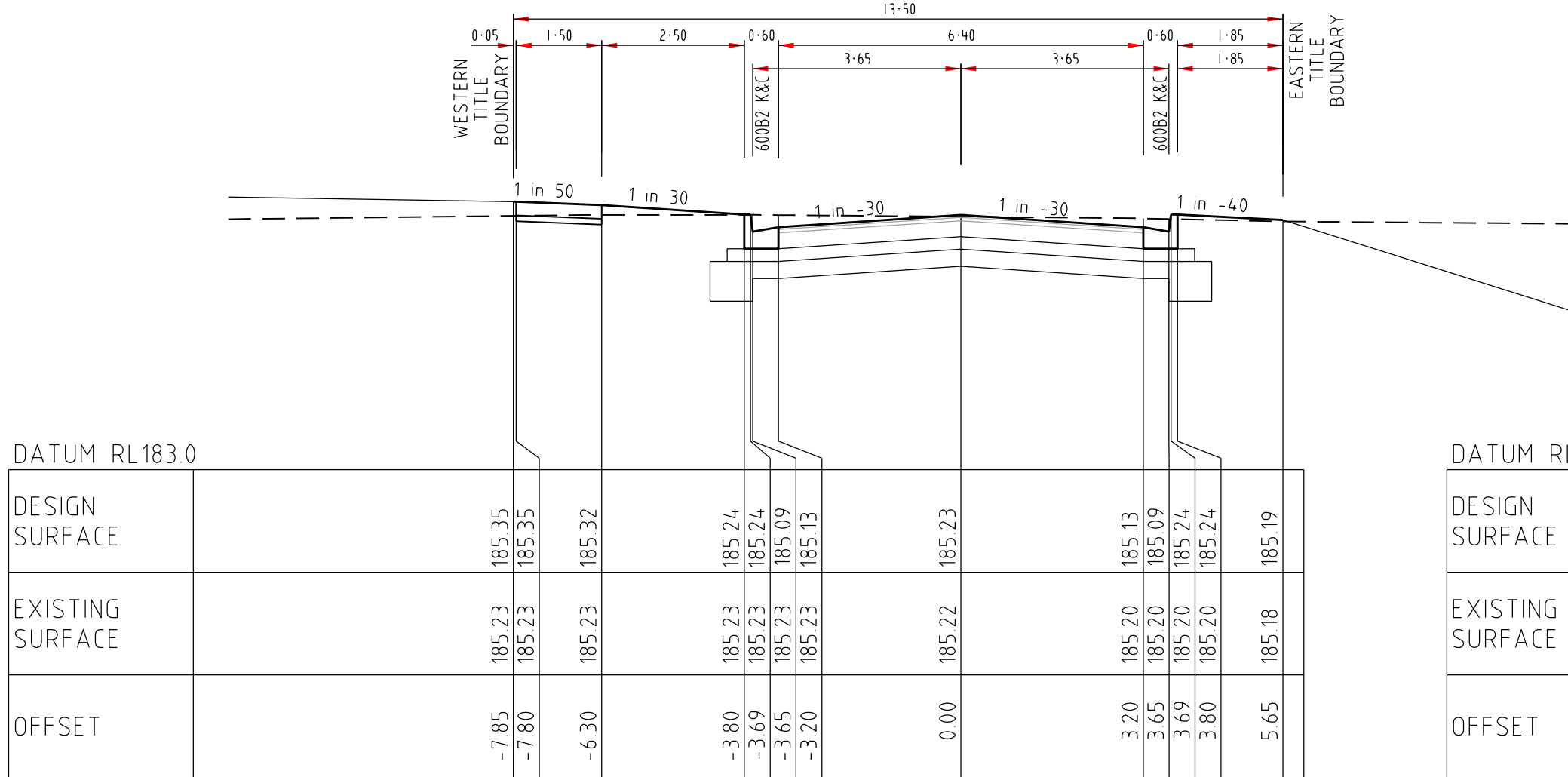


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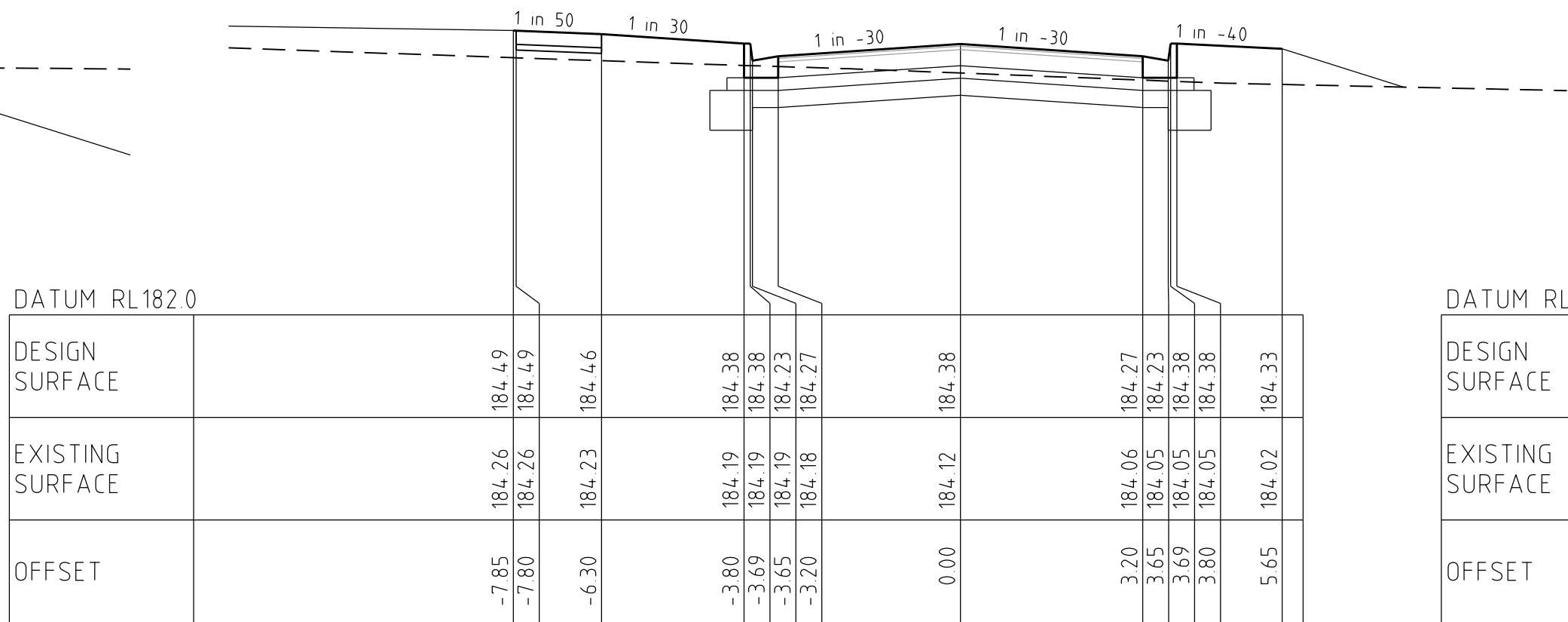
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VERTICAL 1:20

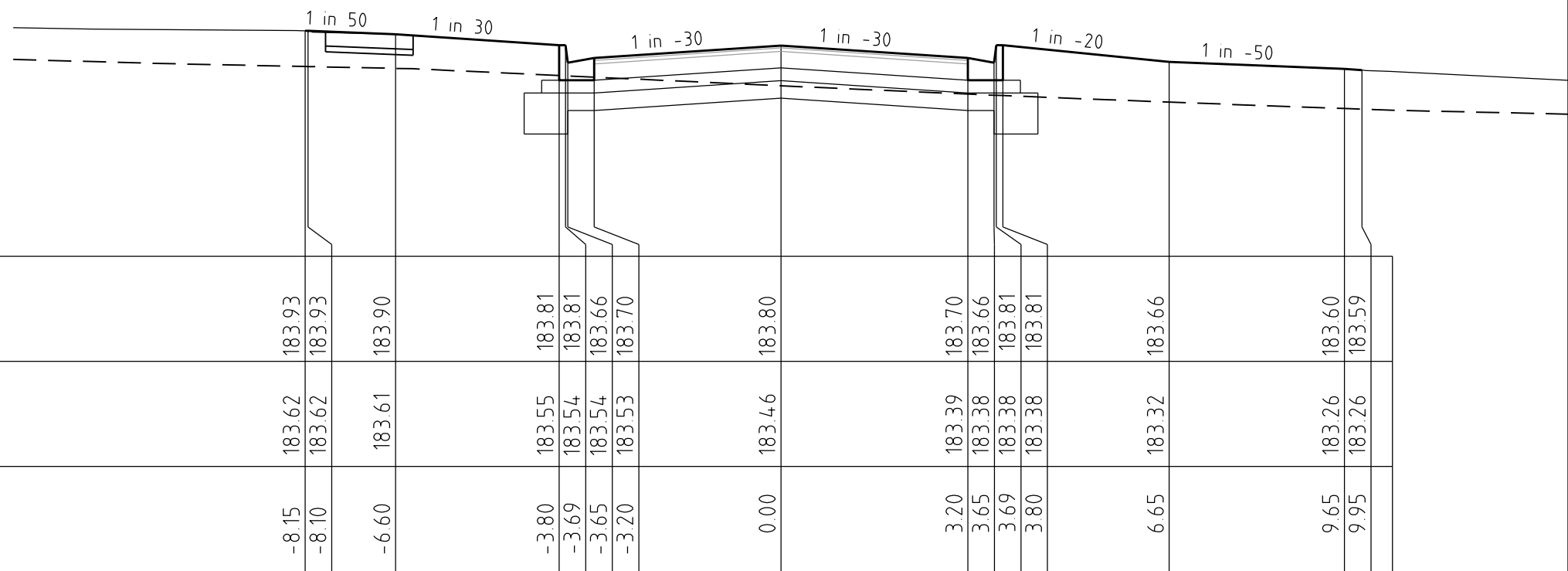
AMENDMENTS				 breese pitt dixon Pty. Ltd. land surveyors civil engineers 1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
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B	21-12-20	INTERSECTION UPDATED		
A	23-09-20	ISSUE FOR CONSTRUCTION		
VER.	DATE	REMARKS	CHECKED	SCALE AS SHOWN DATUM AHD DATE SEP'20
				SHEET 3 OF 10 B



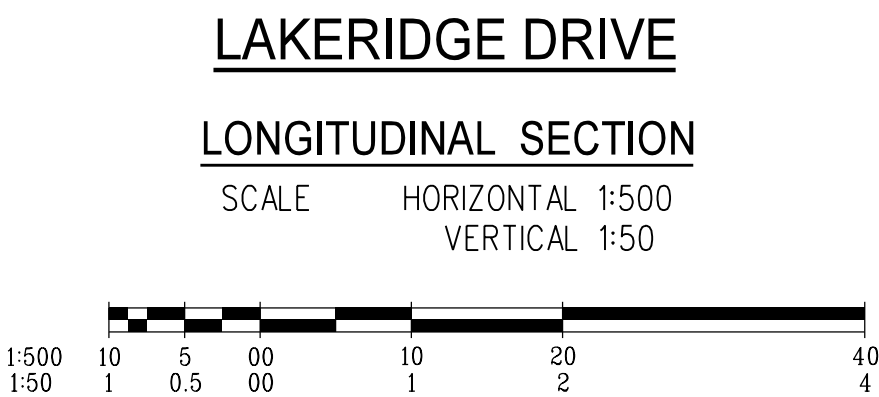
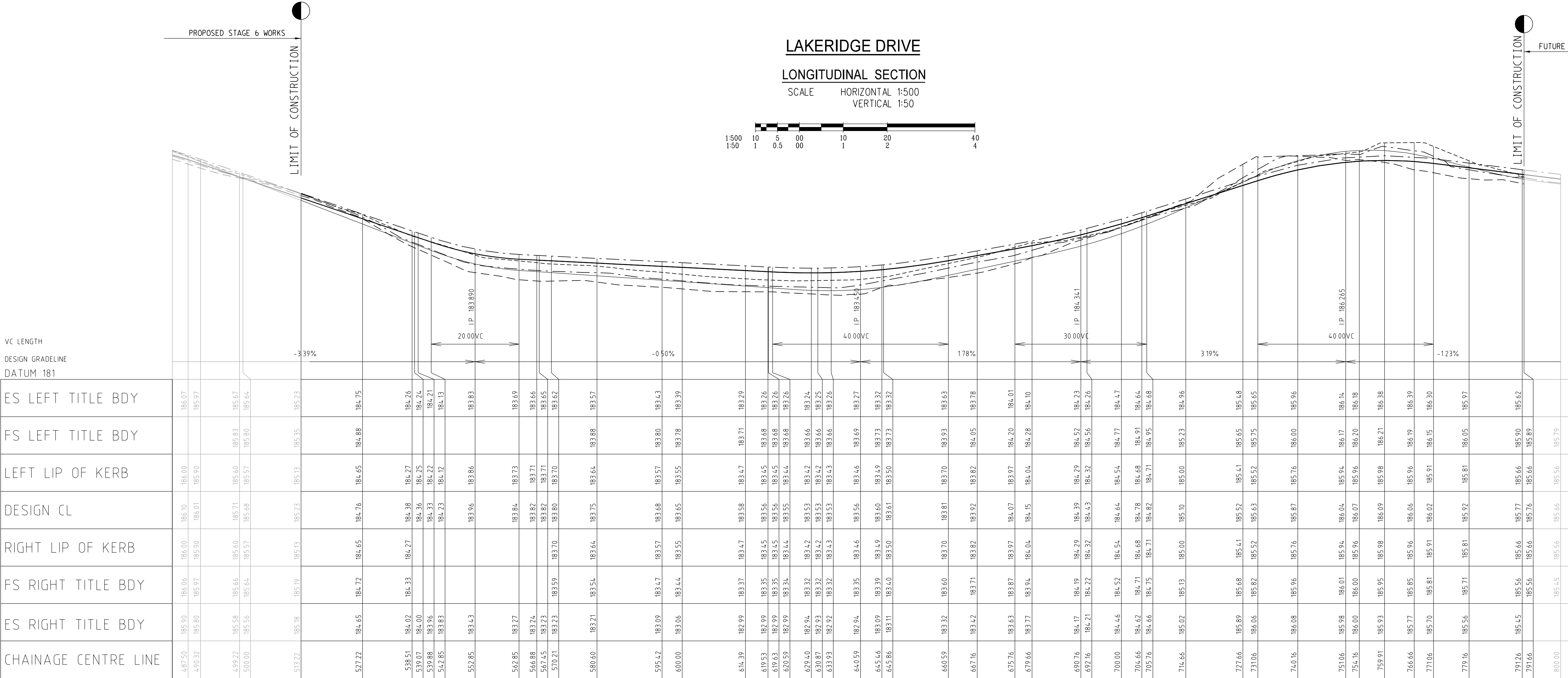
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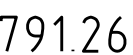
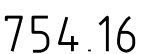
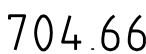
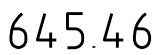
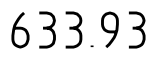
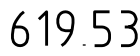


570.21



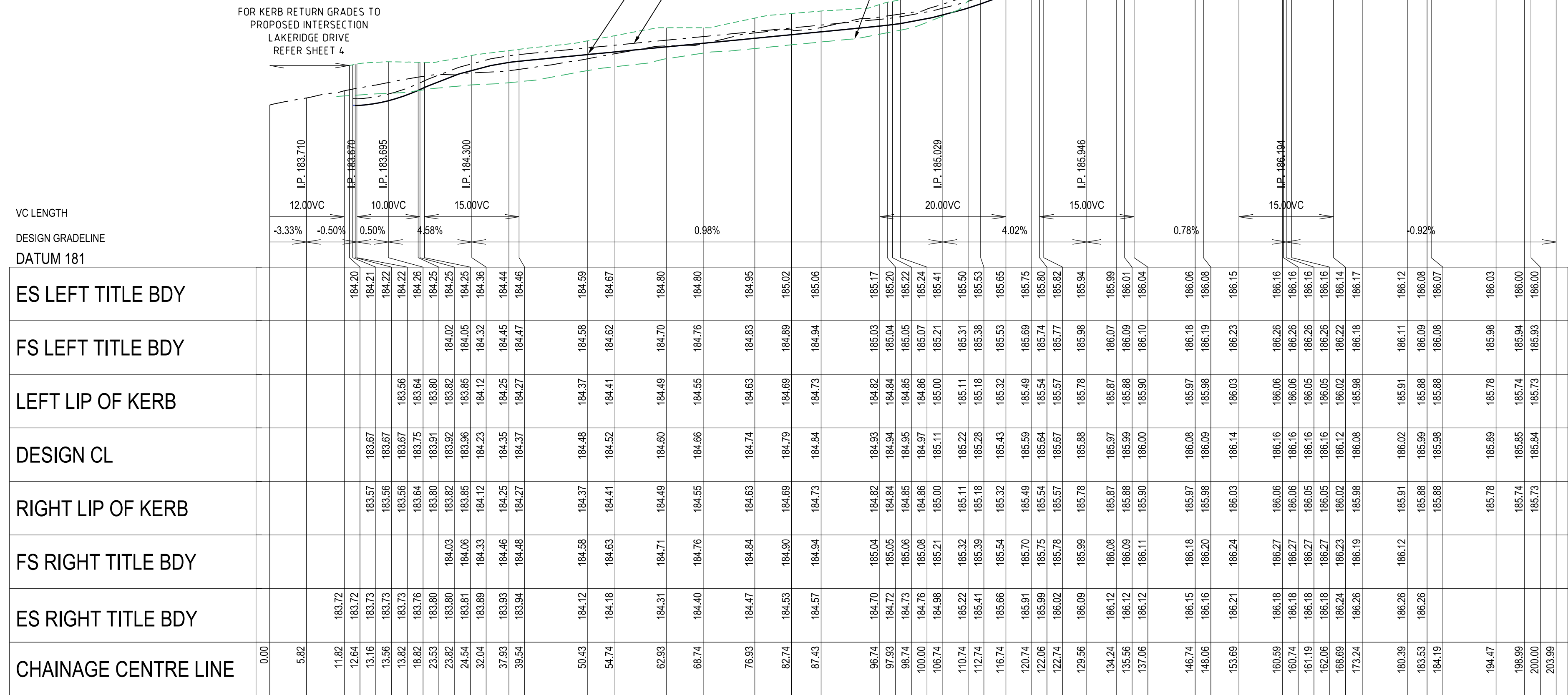
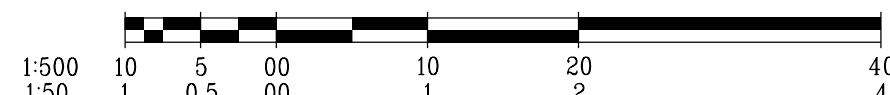
AS CONSTRUCTED

AMENDMENTS		breese pitt dixon Pty. Ltd. land surveyors civil engineers		1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 388-C-10		RATHDOWNE ESTATE STAGE 6B		MUNICIPALITY WHITTLESEA	
SURVEY BPD		LAKERIDGE DRIVE LONGITUDINAL SECTION		REFERENCE 9365 E/6B	
DESIGN RGW		DRAWN RGW		SHEET 4 OF 10	
DATE 23.09.20		CHECKED		DATE SEP'20	
ISSUE FOR CONSTRUCTION		SCALE AS SHOWN		DATE	
REMARKS		DATUM AHD		DATE	



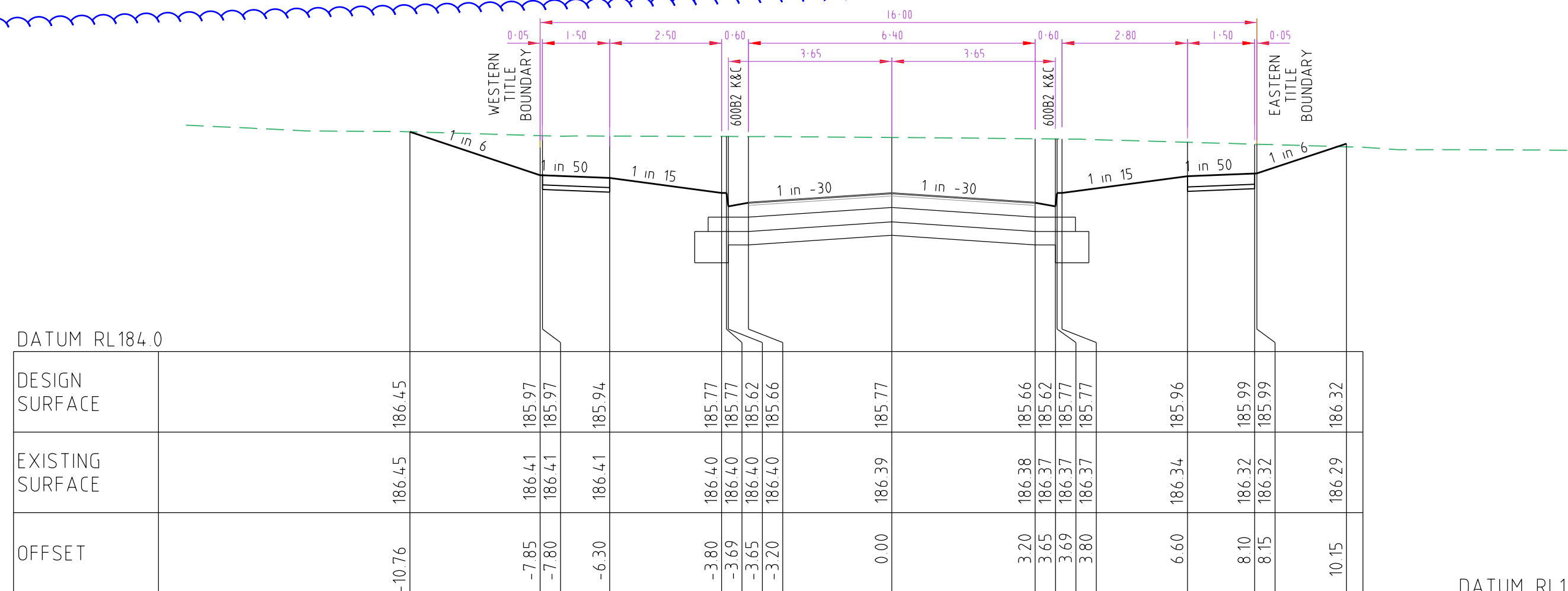
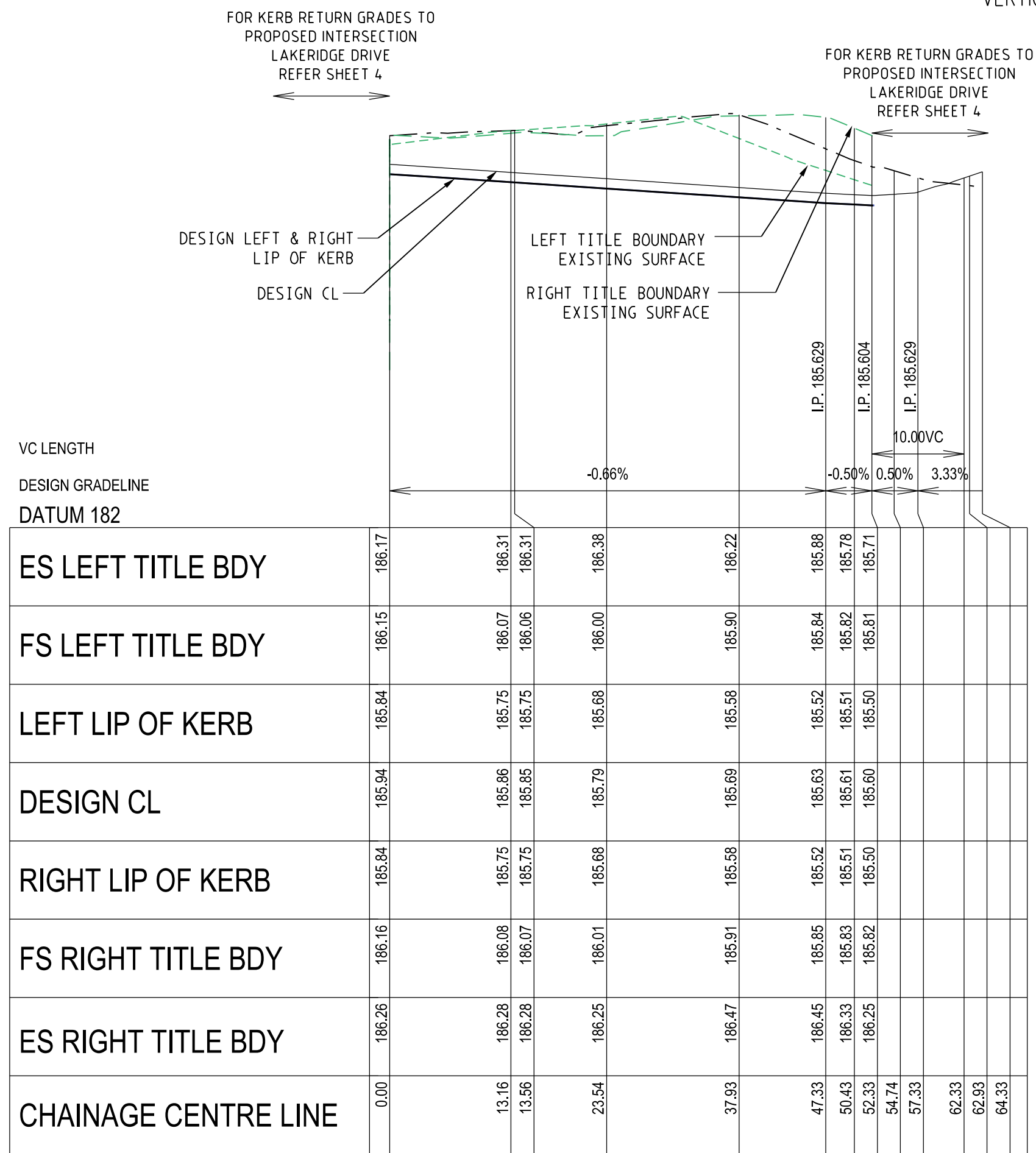
LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
 VERTICAL 1:50

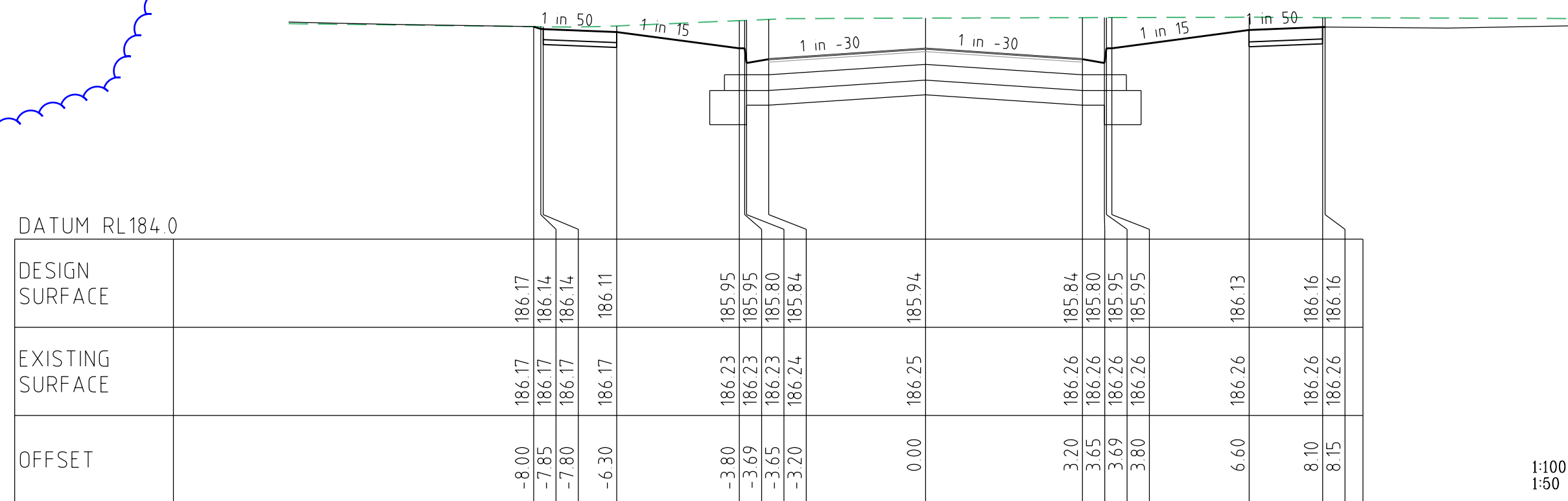


LONGITUDINAL SECTION

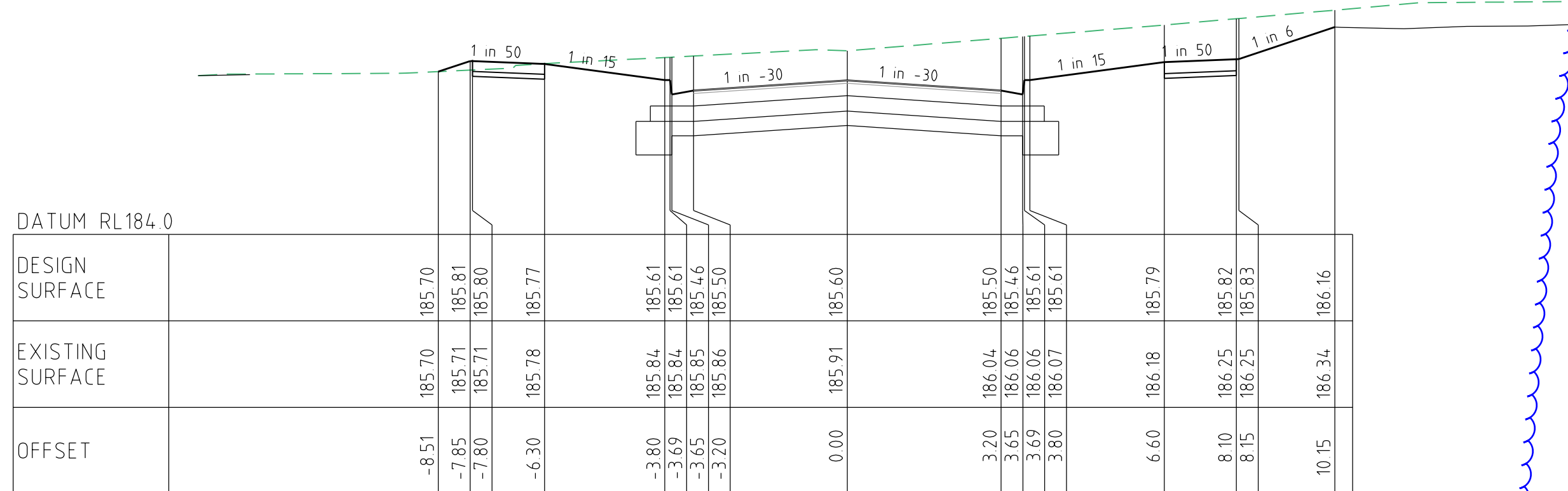
SCALE HORIZONTAL 1:500
 VERTICAL 1:50



26.33

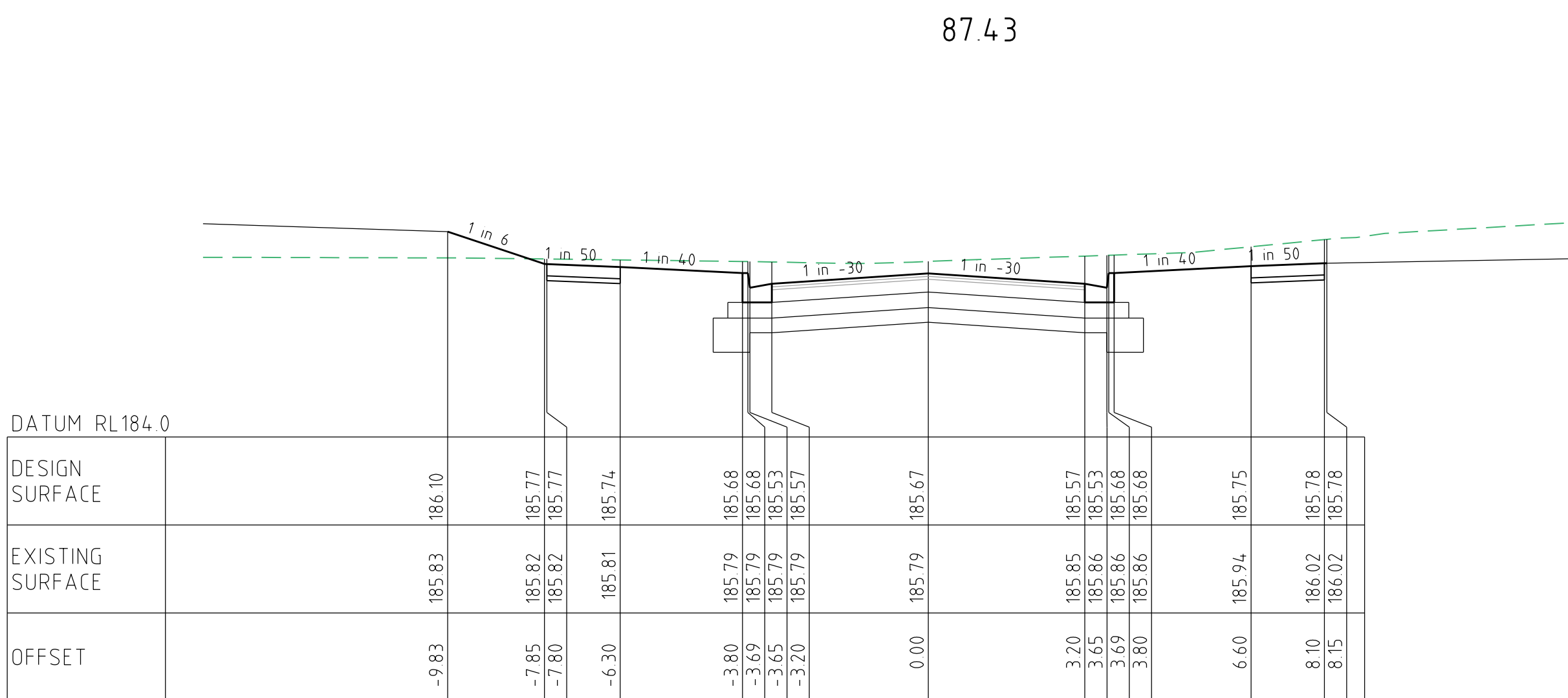
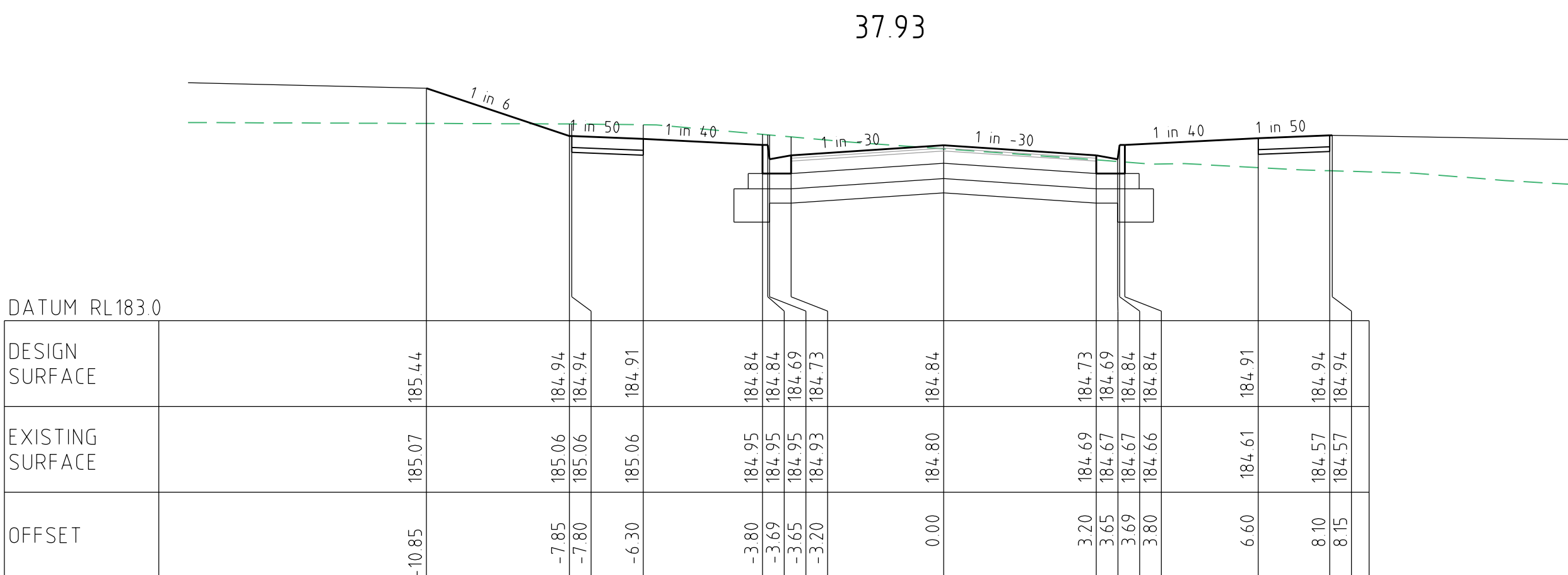
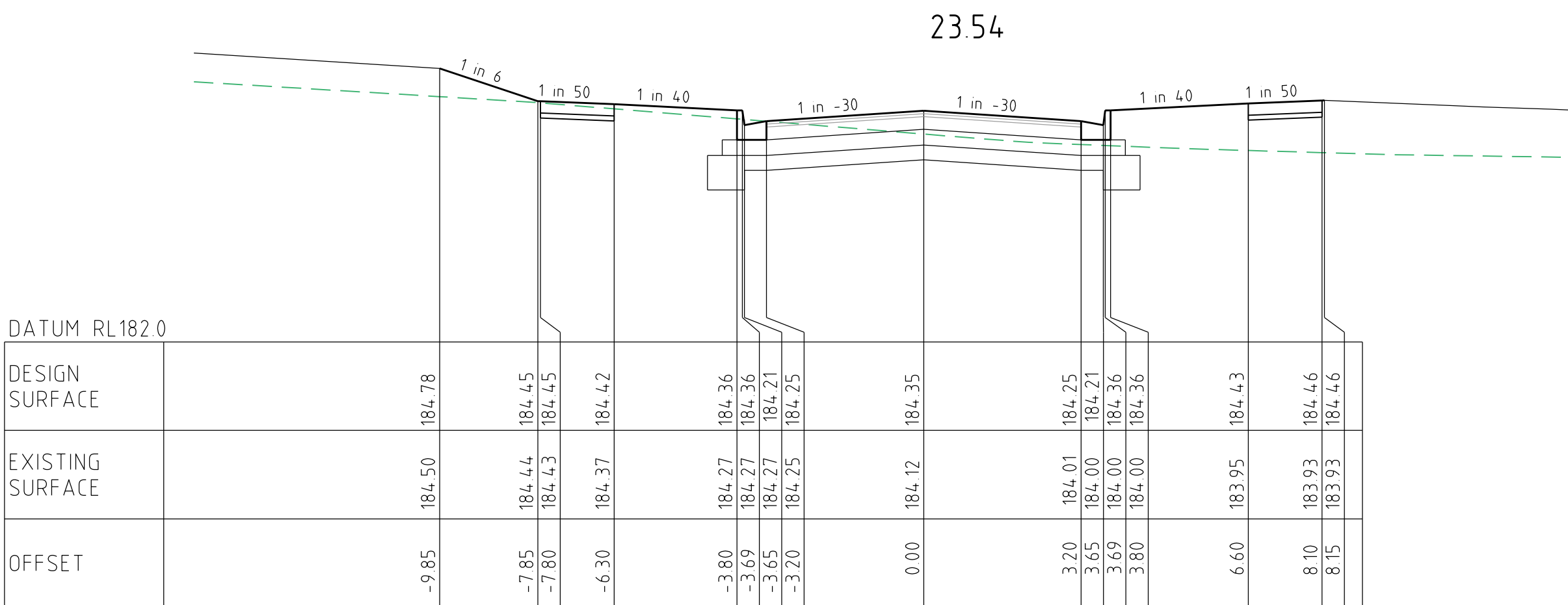
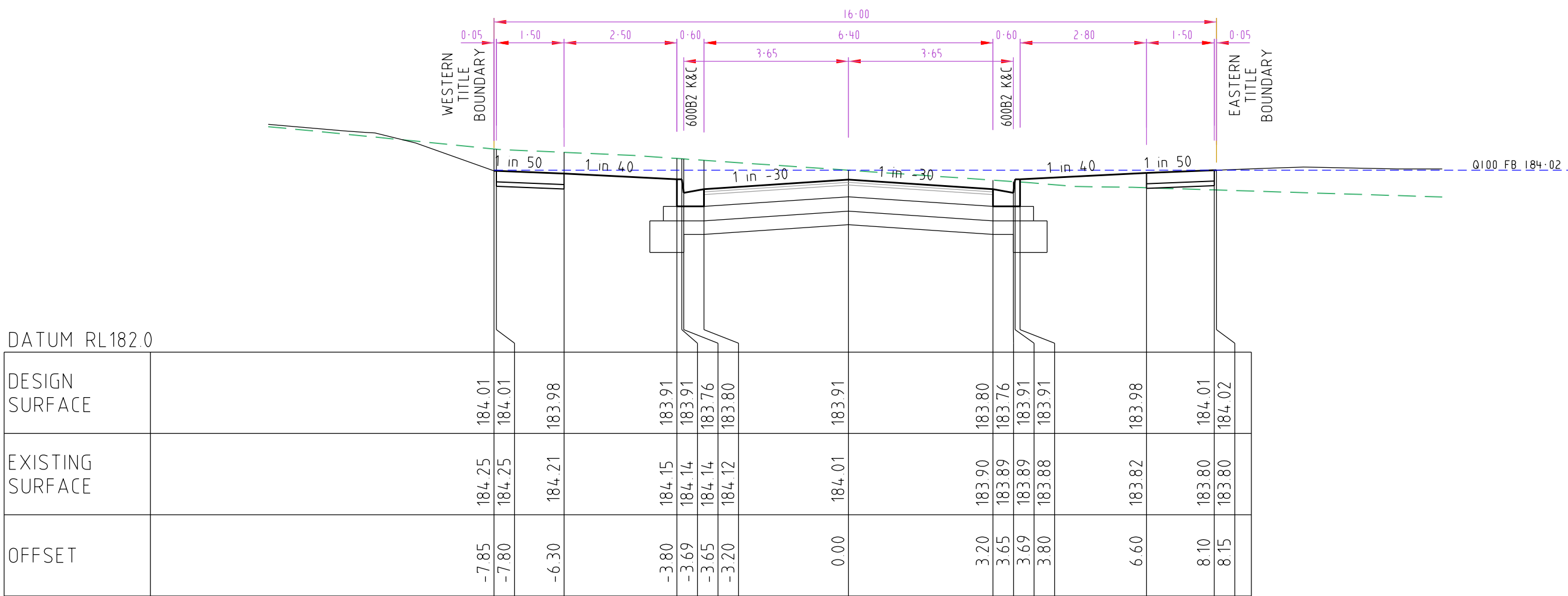


CROSS SECTION
SCALE HORIZONTAL 1:100
VERTICAL 1:50



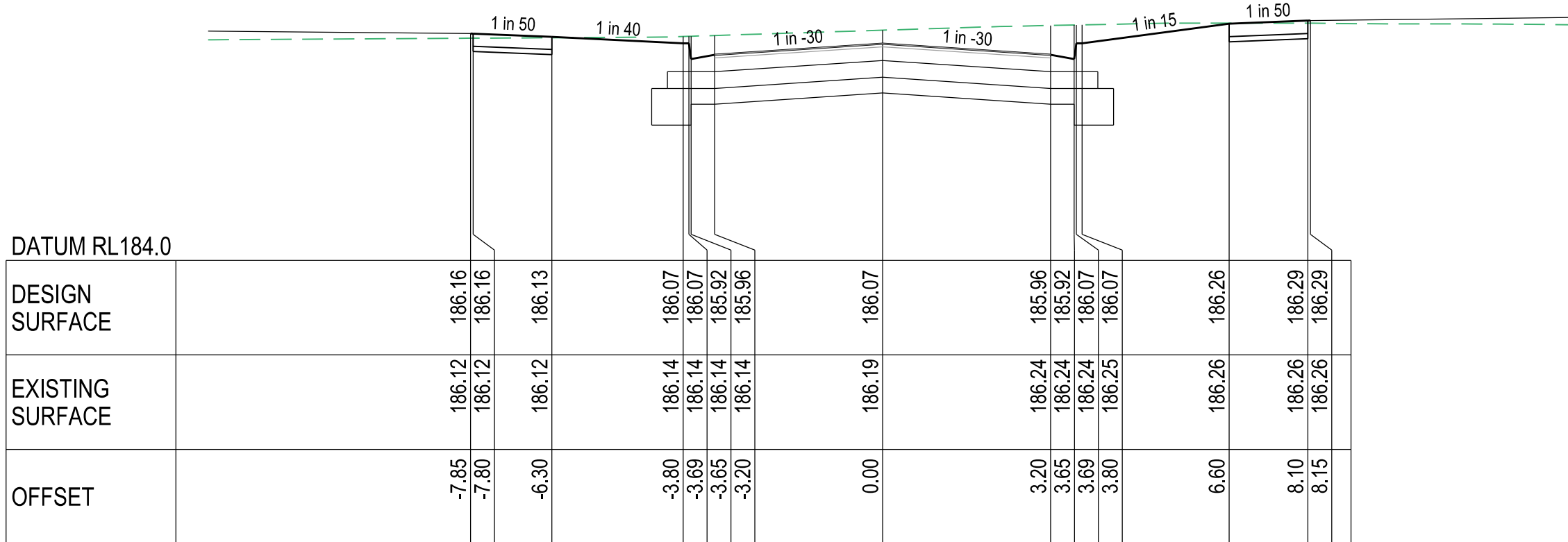
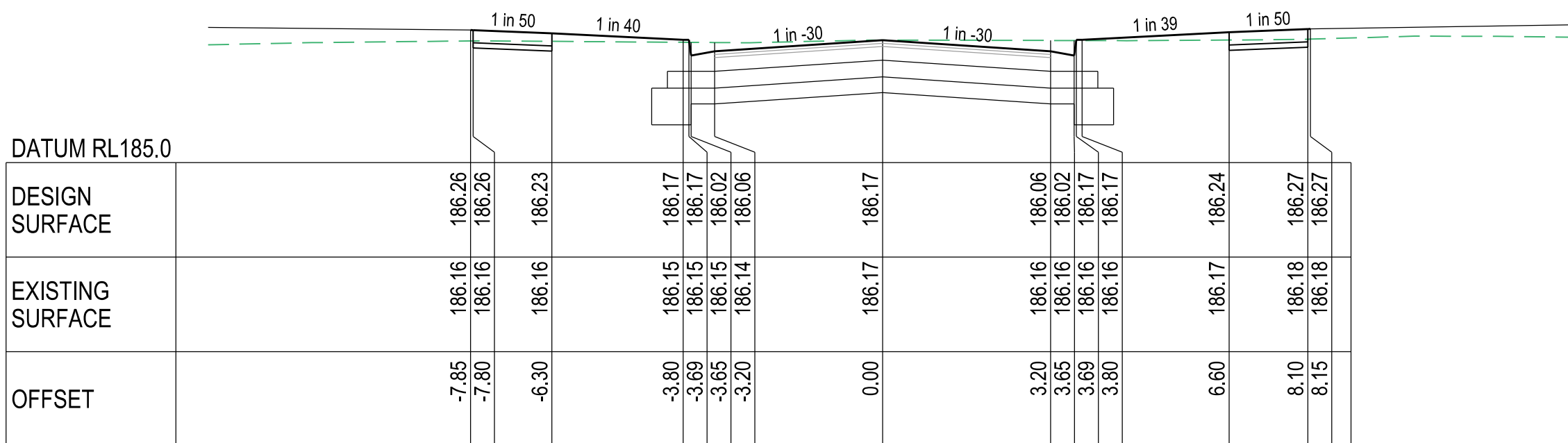
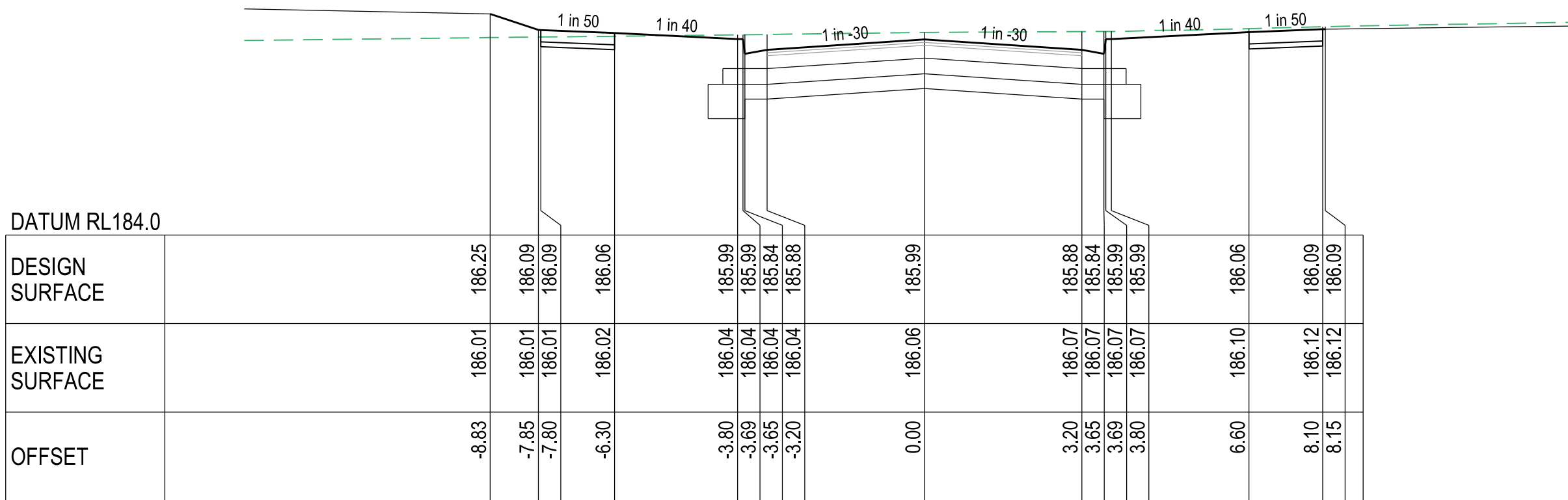
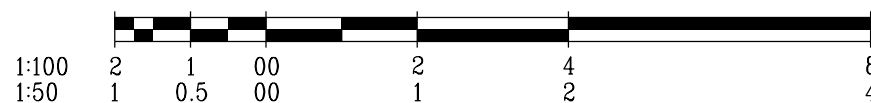
52.47

AMENDMENTS				 breese pitt dixon pty. ltd. land surveyors 1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
				MELWAY REF. 388-C-10 SURVEY BPD DESIGN RGW DRAWN RGW RATHDOWNE ESTATE STAGE 6B MUNICIPALITY WHITTLESEA REFERENCE 9365 E/6B
B	18-01-20	TURIN ROAD L.S. ADDED, OAKVILLE AMENDED		
A	23-09-20	ISSUE FOR CONSTRUCTION		
VER.	DATE	REMARKS	CHECKED	SCALE AS SHOWN DATUM AHD DATE SEP'20 SHEET 6 OF 10 B



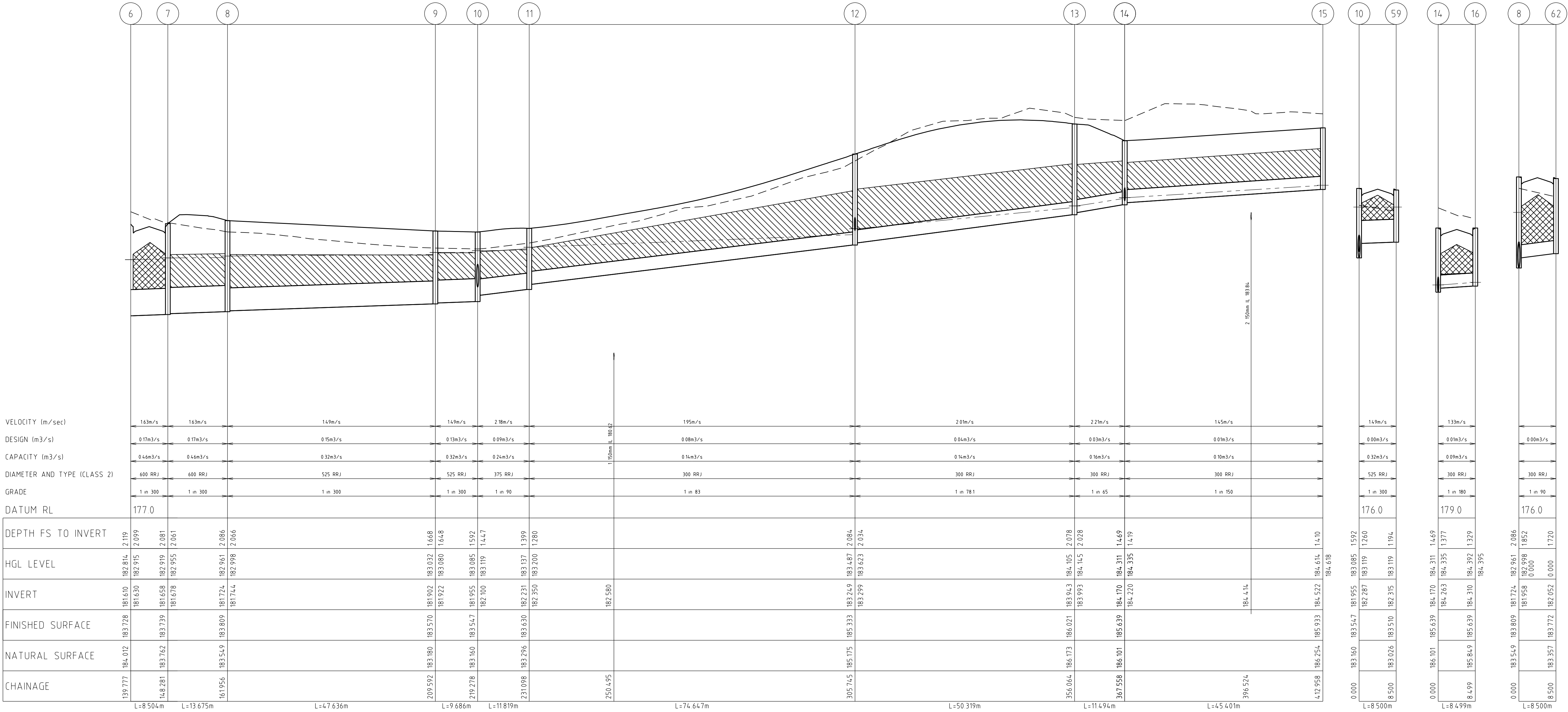
OAKVILLE PLACE
CROSS SECTION

SCALE HORIZONTAL 1:100
VERTICAL 1:50



AS CONSTRUCTED

AMENDMENTS				bpd		breese pitt dixon pty. ltd.		1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
				MELWAY REF. 388-C-10		land surveyors		civil engineers	
				SURVEY BPD		RATHDOWNE ESTATE STAGE 6B		MUNICIPALITY WHITTLESEA	
				DESIGN RGW		OAKVILLE PLACE CROSS SECTIONS		REFERENCE 9365 E/6B	
	B	13.01.21	CHAINAGES UPDATED	DRAWN RGW					
	A	23.09.20	ISSUE FOR CONSTRUCTION	CHECKED		SCALE AS SHOWN		DATE SEP'20	
VER	DATE	REMARKS			SCALE	DATUM	AHD	DATE	SHEET 7 OF 10



VELOCITY (m/sec)
DESIGN (m³/s)
CAPACITY (m³/s)
DIAMETER AND TYPE (CLASS 2)
GRADE
DATUM RL

DEPTH FS TO INVERT
HGL LEVEL
INVERT
FINISHED SURFACE
NATURAL SURFACE
CHAINAGE

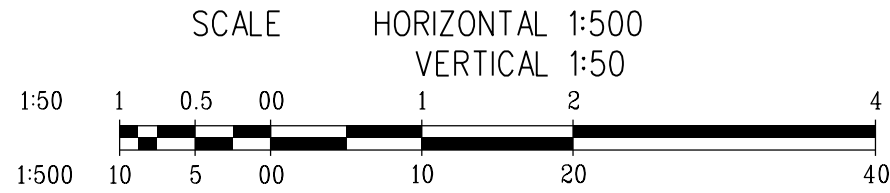
L=8 504m L=13 675m L=47 636m L=9 686m L=11 819m L=74 647m L=50 319m L=11 494m L=45 401m L=8 500m L=8 499m L=8 500m

PIT SCHEDULE										
PIT No.	PIT DESCRIPTION	LENGTH	WIDTH	INLET		OUTLET		TOP	DEPTH	REMARKS
				INVERT	DIA	INVERT	DIA	PIT RL	INVERT	
4	GRATED ENTRY PIT	900	600			183.611	300	185.328	1.72	GAA STD DWG EDCM601
6	END PIPE			181.630	600	181.610	675	183.702	2.093	GRADE TO FREE OUTLET
				181.977	375					
7	GRATED ENTRY PIT	900	900	181.678	600	181.658	600	183.739	2.081	GAA STD DWG EDCM601&607 (HAUNCHED)
8	GRATED ENTRY PIT	900	900	181.744	525	181.724	600	183.809	2.086	GAA STD DWG EDCM601&607 (HAUNCHED)
				181.958	300					
9	JUNCTION PIT	900	900	181.922	525	181.902	525	183.570	1.668	GAA STD DWG EDCM607 (HAUNCHED)
10	DBL GR ENTRY PIT	1800	900	182.100	375	181.955	525	183.547	1.592	GAA STD DWG EDCM604&607 (HAUNCHED)
				182.287	525					
11	JUNCTION PIT	900	600	182.350	300	182.231	375	183.630	1.399	GAA STD DWG EDCM605
12	GRATED ENTRY PIT	900	600	183.299	300	183.249	300	185.333	2.084	GAA STD DWG EDCM601
				183.582	300					
13	GRATED ENTRY PIT	900	600	183.993	300	183.943	300	186.021	2.078	GAA STD DWG EDCM601
14	GRATED ENTRY PIT	900	600	184.22	300	184.17	300	185.639	1.469	GAA STD DWG EDCM601
				184.263	300					
15	GRATED ENTRY PIT	900	600			184.522	300	185.933	1.41	GAA STD DWG EDCM601
16	GRATED ENTRY PIT	900	600			184.31	300	185.639	1.329	GAA STD DWG EDCM601
26	GRATED ENTRY PIT	900	600	182.45	300	182.40	375	184.51	2.11	GAA STD DWG EDCM601
				182.45	300					
27	GRATED ENTRY PIT	900	600	183.37	300	183.32	300	184.92	1.60	GAA STD DWG EDCM601
				183.28	300					
28	GRATED ENTRY PIT	900	600	184.21	300	184.16	300	185.88	1.72	GAA STD DWG EDCM601
				184.21	300					
29	GRATED ENTRY PIT	900	600			184.62	300	185.89	1.27	GAA STD DWG EDCM601
38	GRATED ENTRY PIT	900	600	184.305	300	184.255	300	185.876	1.62	GAA STD DWG EDCM601
39	JUNCTION PIT	900	600			184.622	300	186.157	1.534	GAA STD DWG EDCM605
40	JUNCTION PIT	900	600	182.625	300	182.575	300	184.172	1.597	GAA STD DWG EDCM605
41	JUNCTION PIT	900	600			183.202	300	184.857	1.655	GAA STD DWG EDCM605
44	GRATED ENTRY PIT	900	600			183.31	300	184.92	1.61	GAA STD DWG EDCM601
59	DBL GR ENTRY PIT	1800	900			182.32	525	183.51	1.19	GAA STD DWG EDCM604&607 (HAUNCHED)
62	GRATED ENTRY PIT	900	600			182.052	300	183.772	1.72	GAA STD DWG EDCM601

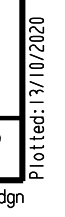
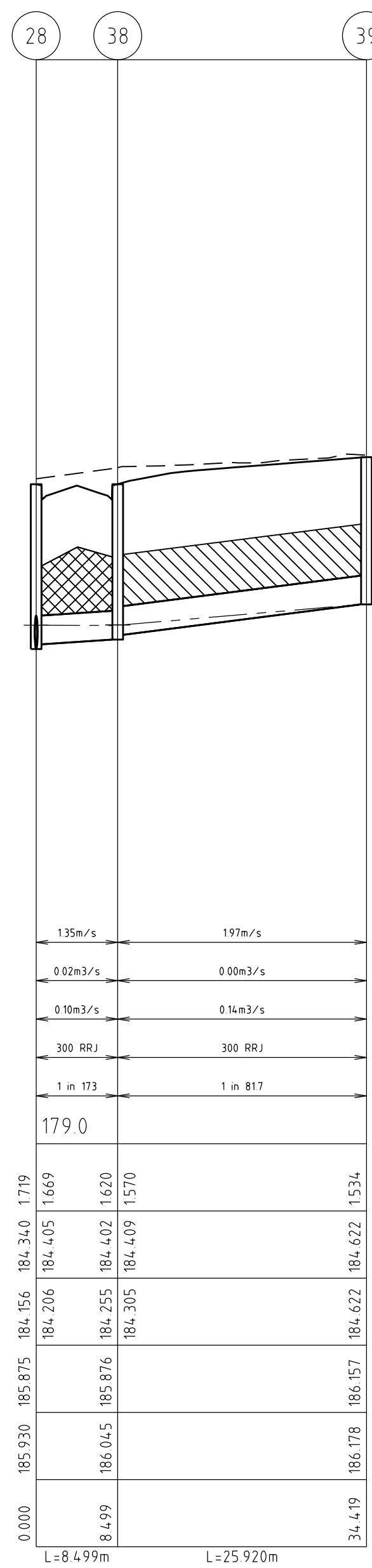
AS CONSTRUCTED

INDICATES CRUSHED ROCK BACKFILL CLASS 2
INDICATES CRUSHED ROCK BACKFILL CLASS 3
INDICATES 5YR HGL

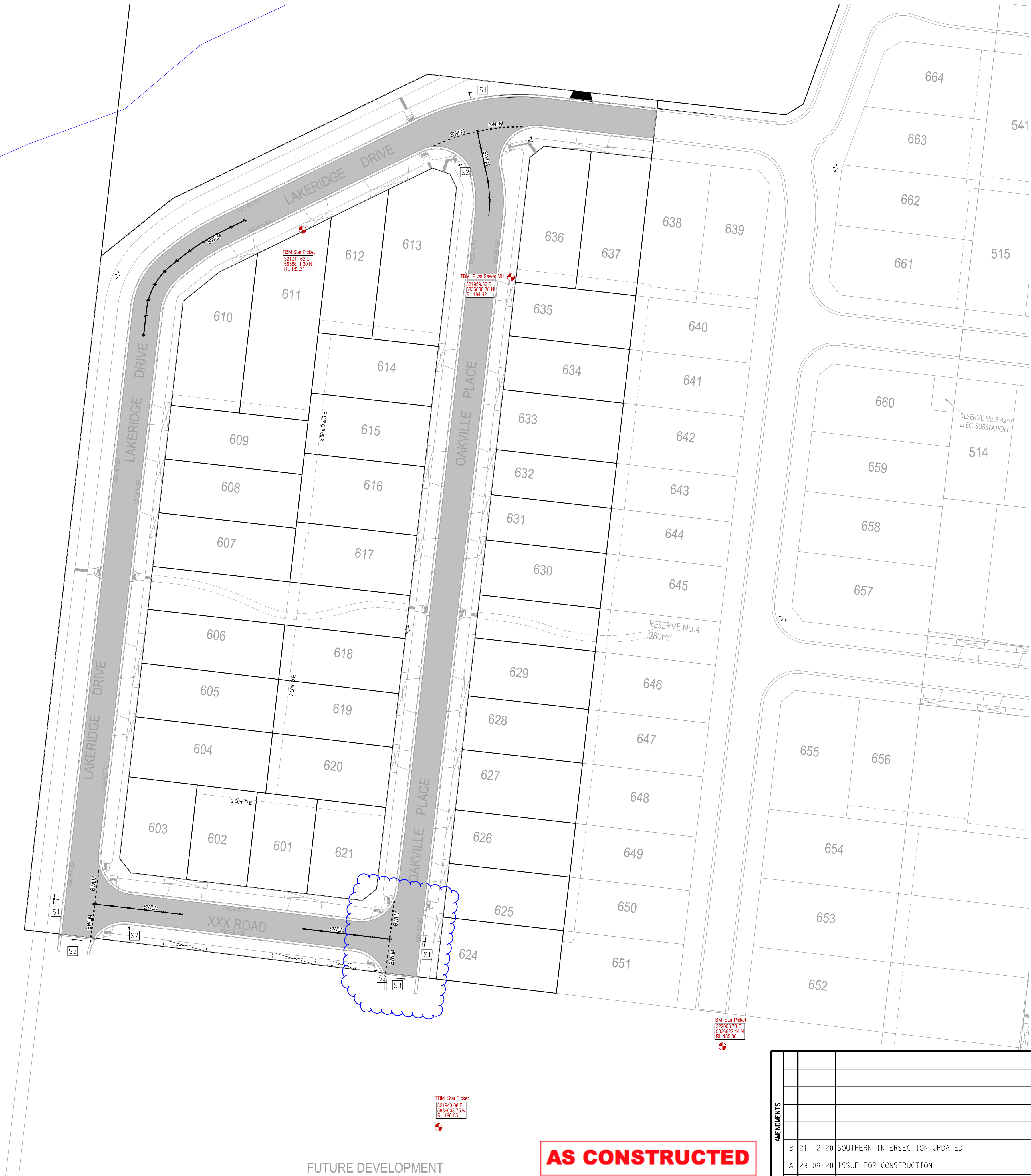
DRAINAGE LONGITUDINAL SECTIONS



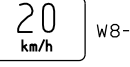
AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers			1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310								
			MELWAY REF.	388-C-10	RATHDOWNE ESTATE STAGE 6B DRAINAGE LONG SECTIONS I			MUNICIPALITY								
			SURVEY	BPD				WHITTLESEA								
			DESIGN	RGW				REFERENCE								
B	13-10-20	PIT 4 ADDED TO SCHEDULE						9365 E/6B								
A	23-09-20	ISSUE FOR CONSTRUCTION		DRAWN	RGW											
VER	DATE	REMARKS		CHECKED		SCALE	AS SHOWN	DATUM	AHD	DATE	SEP'20	SHEET	8	OF	10	B



1.85 N
4.05 S



SIGNAGE & LINEMARKING LEGEND

S1	"STREET NAME" SIGN	
S2	"GIVE WAY" SIGN (R1-2A)	 R1-2
S3	"NO ROAD" SIGN & "HAZARD" SIGN (G9-18)	
S4	ROUNDAABOUT SIGN	 R1-3
S5	"KEEP LEFT" SIGN (R2-3L)	 R2-3(L)
S6	HAZARD BOARD (D4-1-1)	
S7	"RAISED PAVEMENT AHEAD" WARNING SIGN	 W3-4
S8	ROAD HUMP SIGN & ADVISORY SPEED SIGN (20km/h)	 W5-10  W8-2

NOTE:
• STREET NAME SIGN TO MOUNT ON LIGHTING POLE WHERE POSSIBLE
• STREET SIGNS TO HAVE MINIMUM 2 WEDGES IN THE POLE SLEEVES
• REFER HCC SD407 FOR "NO ROAD SIGN"

PLAN

SCALE 1:500

SCALE 1 : 500



LENGTHS ARE IN METRES

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.	388-C-10	RATHDOWNE ESTATE STAGE 6B SIGNAGE AND LINEMARKING PLAN			MUNICIPALITY	WHITTLESEA						
			SURVEY	BPD				REFERENCE	9365 E/6B						
	B	21-12-20	SOUTHERN INTERSECTION UPDATED	DESIGN				RGW	DRAWN	RGW					
A	23-09-20	ISSUE FOR CONSTRUCTION													
VER.	DATE	REMARKS	CHECKED		SCALE	AS SHOWN	DATUM	AHD	DATE	SEP'20	SHEET	10	OF	10	B