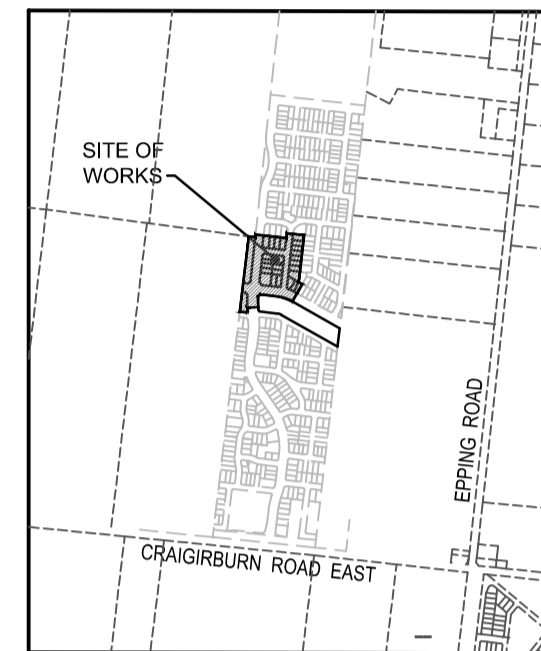
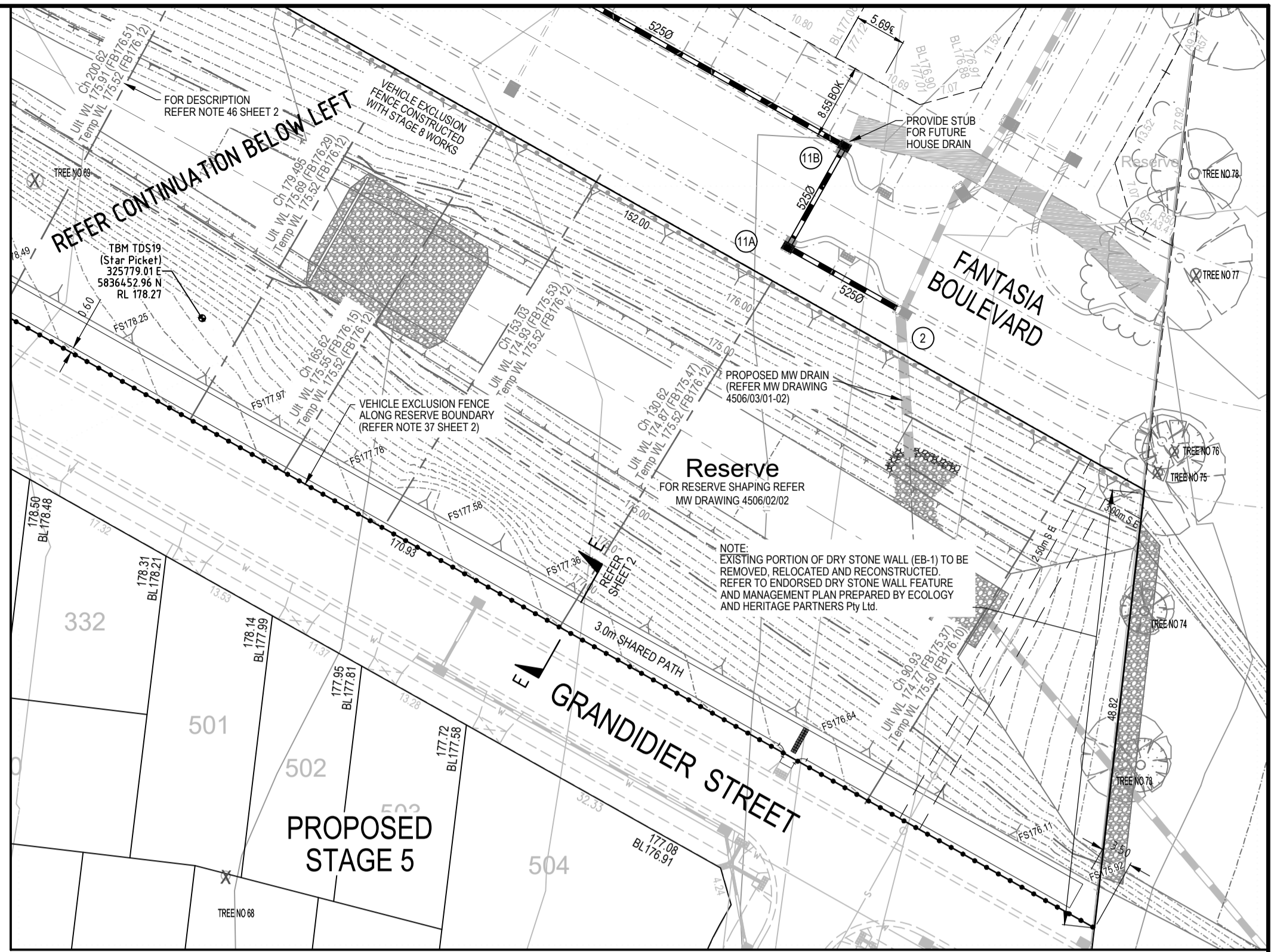


SHT. No.	VER.	DESCRIPTION
1	C	LAYOUT PLAN & SERVICES SCHEDULE
2	B	NOTES: PAVEMENT COMPOSITION & DETAILS
3	C	INTERSECTION DETAILS & DETAIL NOTES
4	B	INTERSECTION DETAILS
5	B	LONGITUDINAL SECTIONS & TYPICAL SECTIONS - EQUESTRIA BOULEVARD
6	B	CROSS SECTIONS - EQUESTRIA BOULEVARD
7	B	CROSS SECTIONS - EQUESTRIA BOULEVARD
8	B	LONGITUDINAL & CROSS SECTIONS - ELLESMERE & FANTASIA BOULEVARD
9	B	LONGITUDINAL & CROSS SECTIONS - PANAMA STREET
10	B	LONGITUDINAL & CROSS SECTIONS - MATORAN STREET AND TYPICAL SECTIONS (cont)
11	B	DRAINAGE LONGITUDINAL SECTIONS
12	B	DRAINAGE LONGITUDINAL SECTIONS
13	B	DRAINAGE LONGITUDINAL SECTIONS
14	C	DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE
15	B	SIGNAGE & LINEMARKING PLAN



LOCALITY PLAN
1:20,000



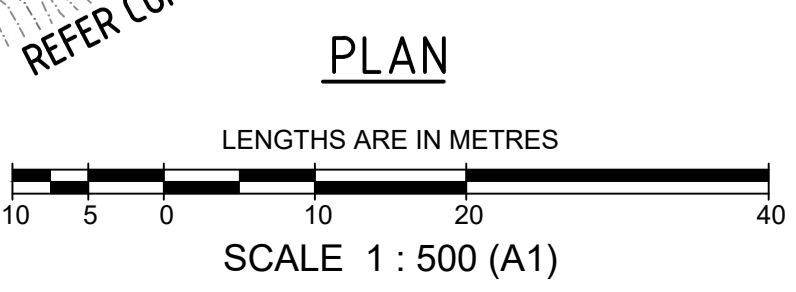
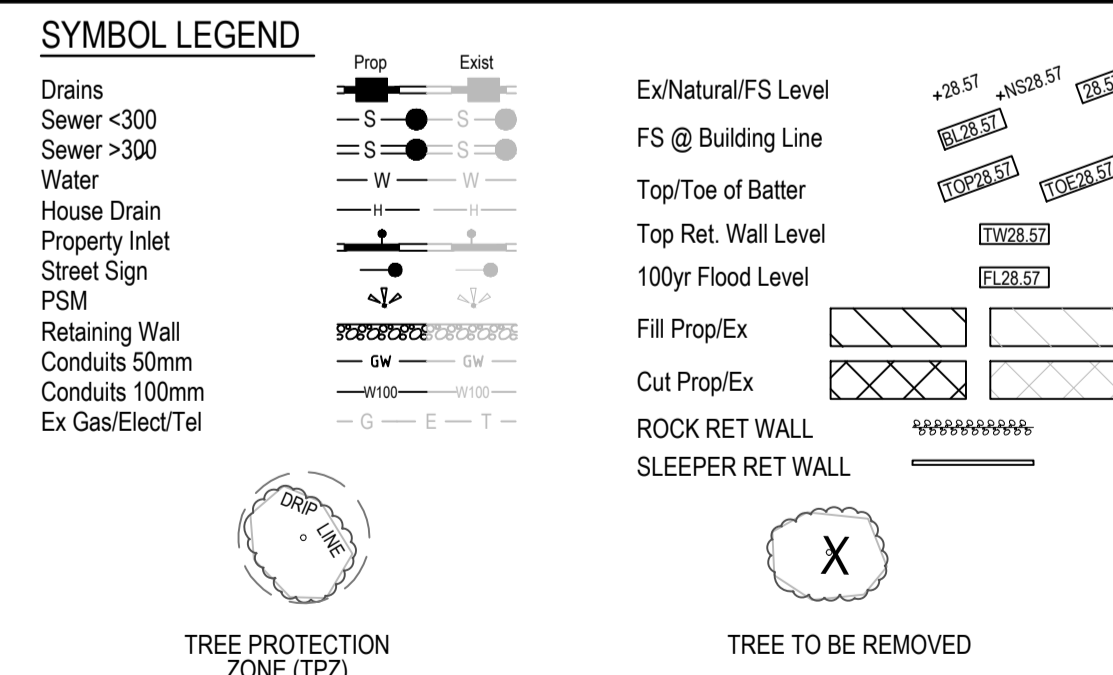
SERVICES OFFSETS AND LOCATIONS

STREET NAME	RD RESERVE	WATER		GAS		ELECTRICITY		FIBRE TO THE HOME		Bk. OF KERB	JOINT TRENCHING
		DW	NDW	GAS	CABLES	POLES	FTTH CABLES	FTTH PITS			
EQUESTRIA BVD (RES)	21.50	3.55 E	2.90 E	2.25 E	2.25 W	1.00 BOK	1.65 W	1.65W/1.85E	3.75W/5.85E	W & G, F & E	
EQUESTRIA BVD (Lots 619-623)	24.00	3.55 E	2.90 E	2.25 E	2.25 W	Median	1.65 W	1.65W/1.85E	3.40W/5.60E	W & G, F & E	
EQUESTRIA BVD (South of Rndbt)	29.00	3.25W/6.10W	2.75W/5.15W	2.25 W	2.75 E	Median	1.85 E	1.85 E	8.55W/4.55W	W & G, F & E	
PANAMA STREET (Lots 615-618 & Substation)	16.00	3.05 E	2.55 E	2.10 E	2.30 W	1.00 BOK	1.00 W	1.70E/1.00W	4.20E/4.20W	W & G, F & E	
PANAMA STREET (Lots 604-609)	16.00	3.05 E	2.55 E	2.10 E	2.60 W	1.00 BOK	1.85 W	1.70E/1.85W	4.20E/4.20W	W & G, F & E	
MATORAN STREET	16.00	3.05 N	2.55 N	2.10 N	2.60 S	1.00 BOK	1.85 S	1.70N/1.85S	4.20N/4.20S	W & G, F & E	
FANTASIA BVD	25.00	3.30 N	2.75 N	2.25 N	2.75 S	1.00 BOK	1.85 S	1.85 N & S	8.55N/4.55S	W & G, F & E	
ELLESMERE BVD	25.00	4.10 N	3.15 N	2.10 N	2.75 S	1.00 BOK	1.85 S	1.70N/1.85S	8.55N/4.55S	W & G, F & E	

NOTE: STREET TREES TO BE LOCATED IN THE CENTRE OF NATURE STRIPS

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.



		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
ELLERY ESTATE STAGE 6 LAYOUT PLAN AND SERVICES SCHEDULE		MELWAY REF 389-B-11		MUNICIPALITY WHITTLESEA	
AMENDMENTS C 6/10/21 ESTATE NAME, DW/NDW/G OFFSETS (EQUESTRIA/ELLESMERE), SHEET INDEX REVISED. B 13/07/20 DRAIN S3-B REMOVED FROM THESE WORKS. BUS STOP NOTE & SHEET INDEX UPDATED. A 10/12/19 ISSUED FOR CONSTRUCTION		SURVEY BPD DESIGN DG DRAWN DG		REFERENCE 8625 E/06	
VER DATE REMARKS		CHECKED		SCALE As Shown DATUM AHD DATE Oct'19 SHEET 1 OF 15 C	

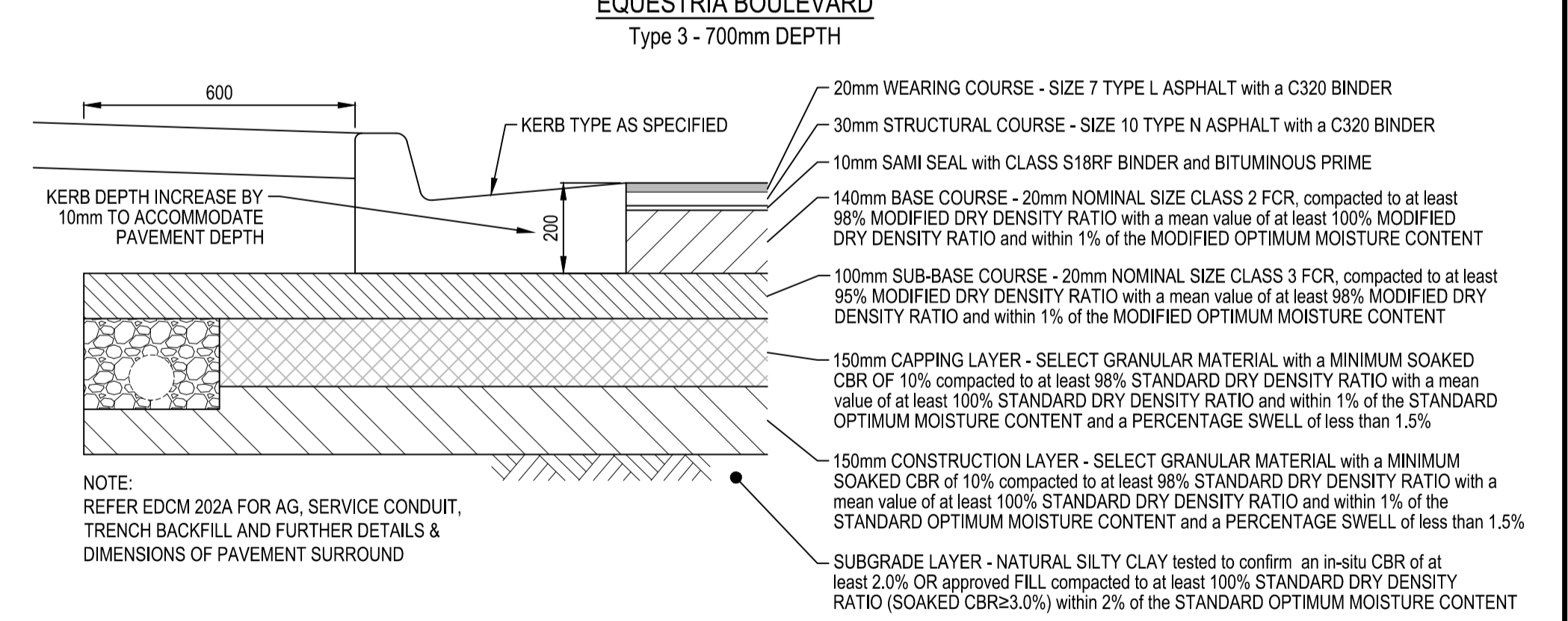
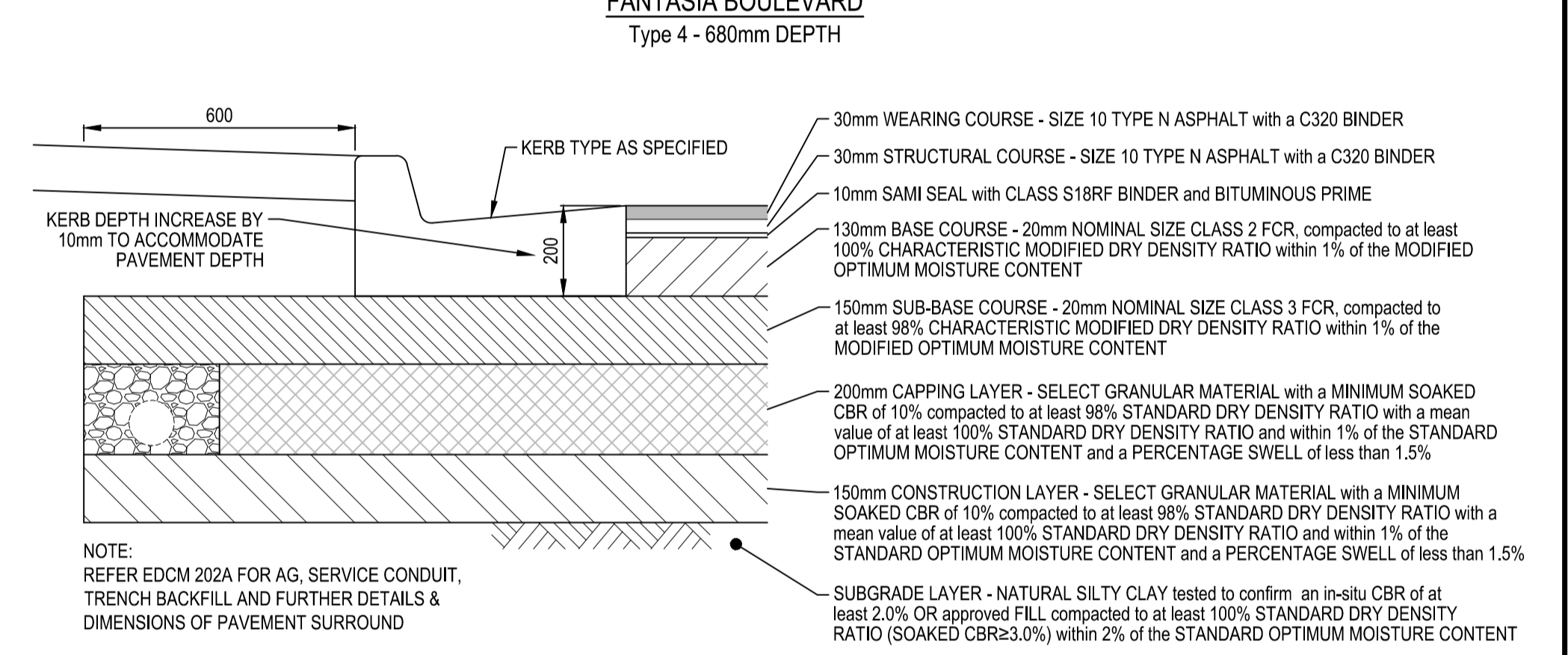
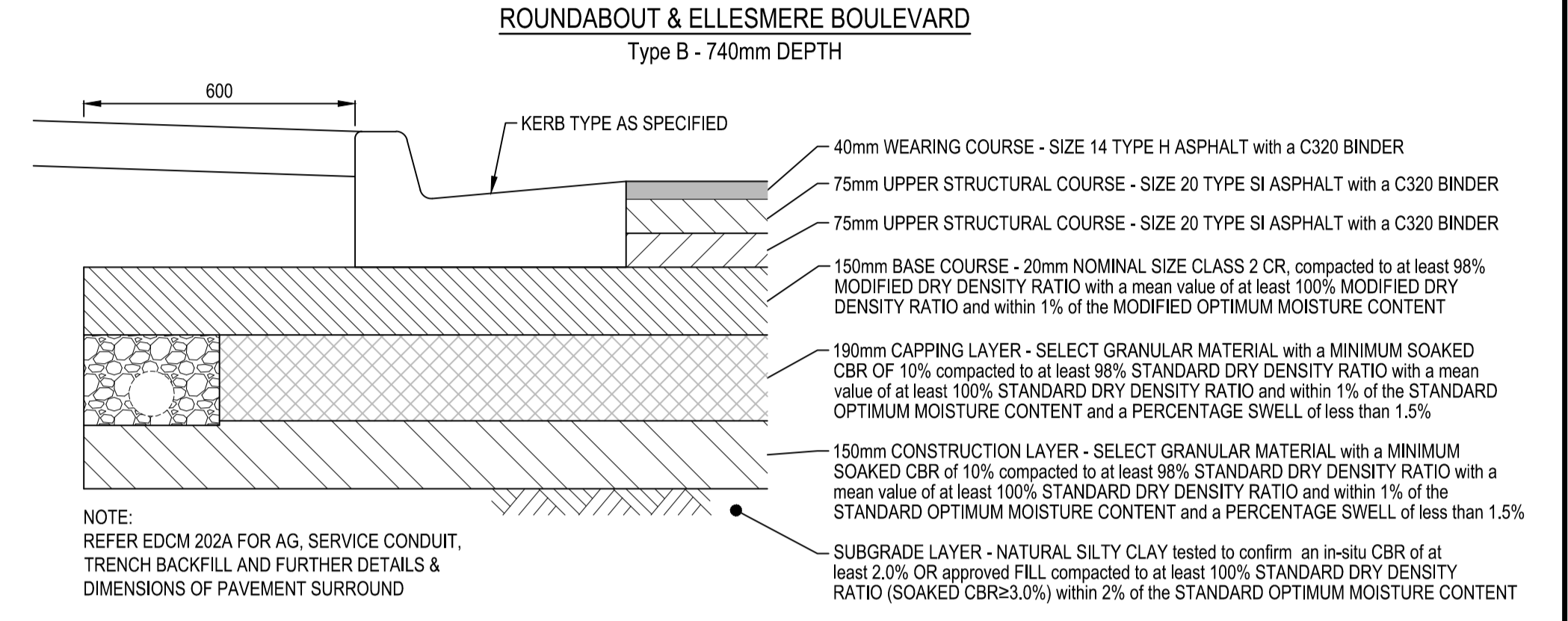
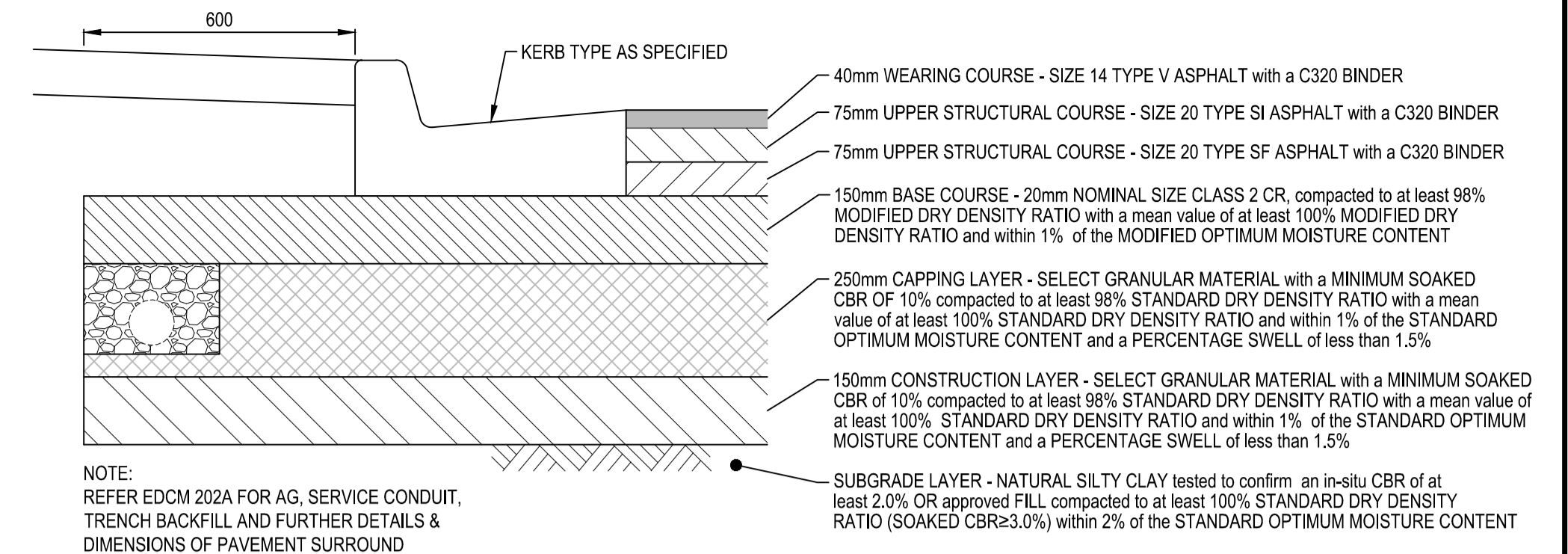
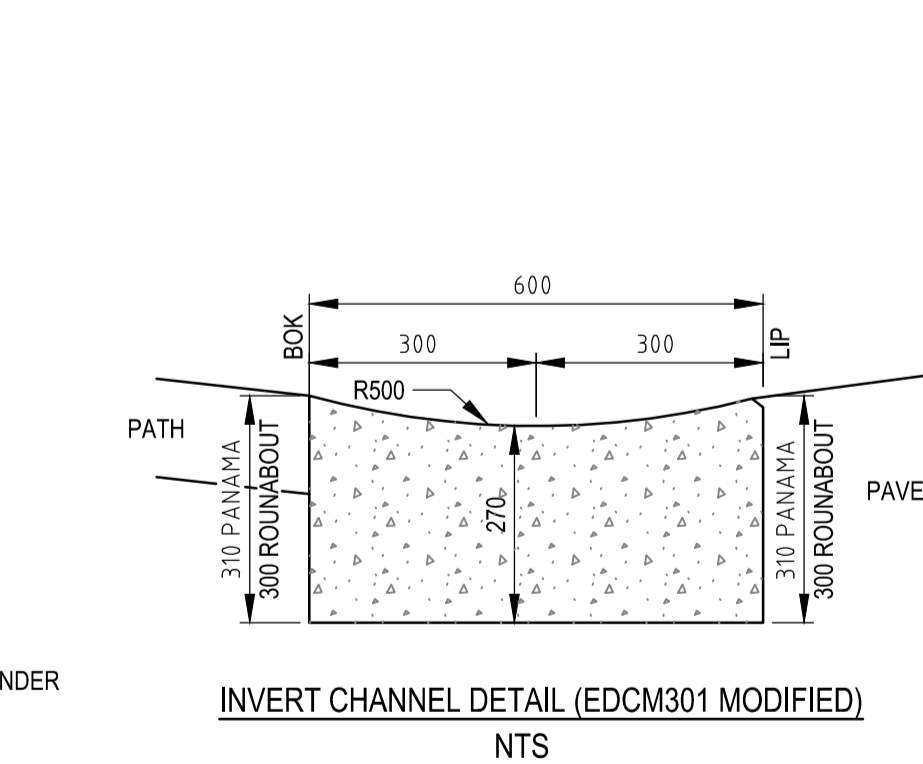
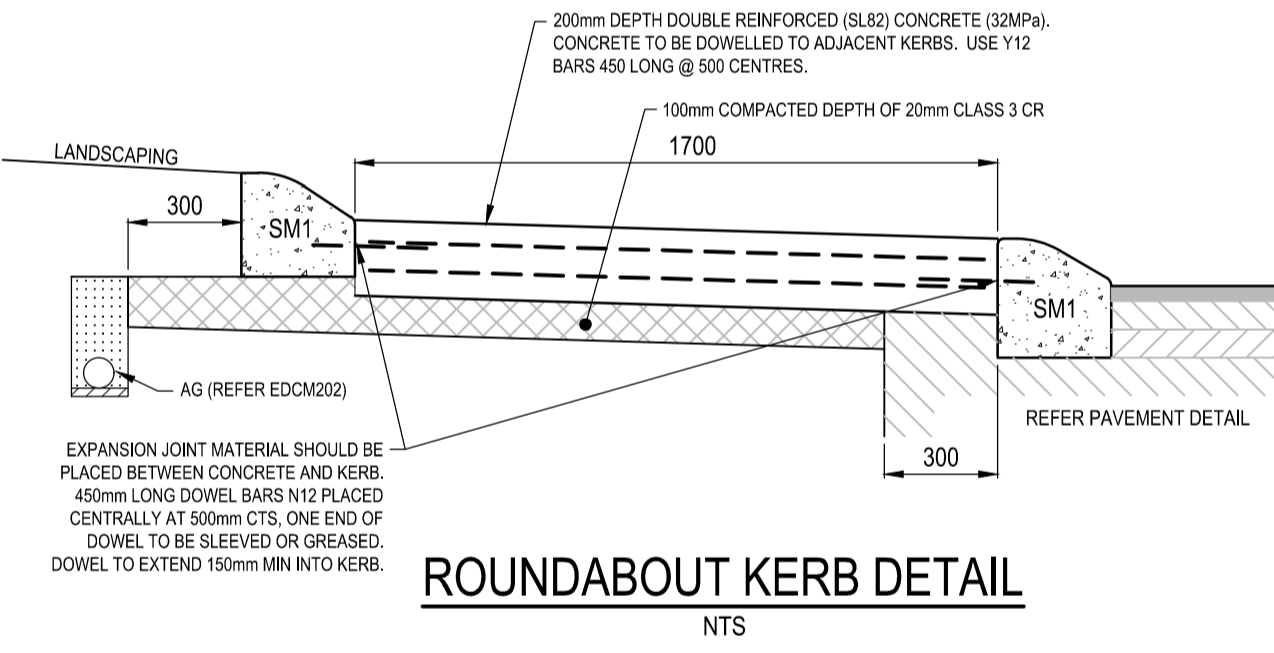
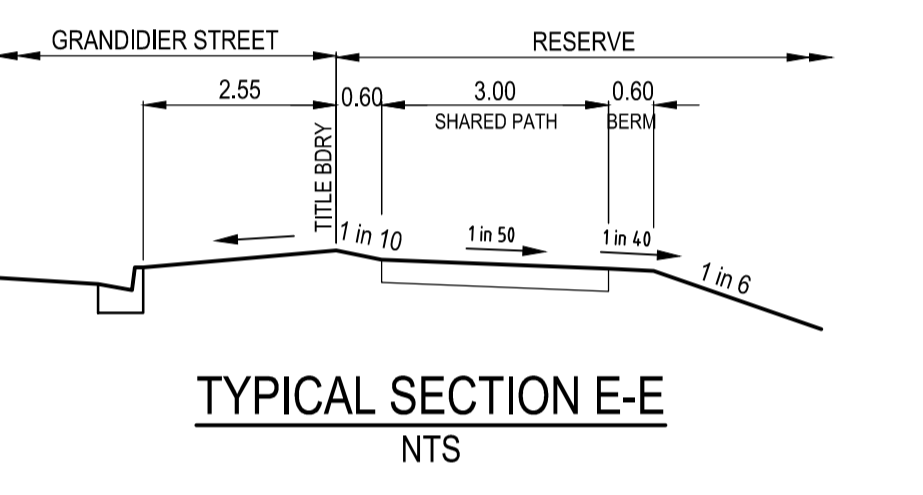
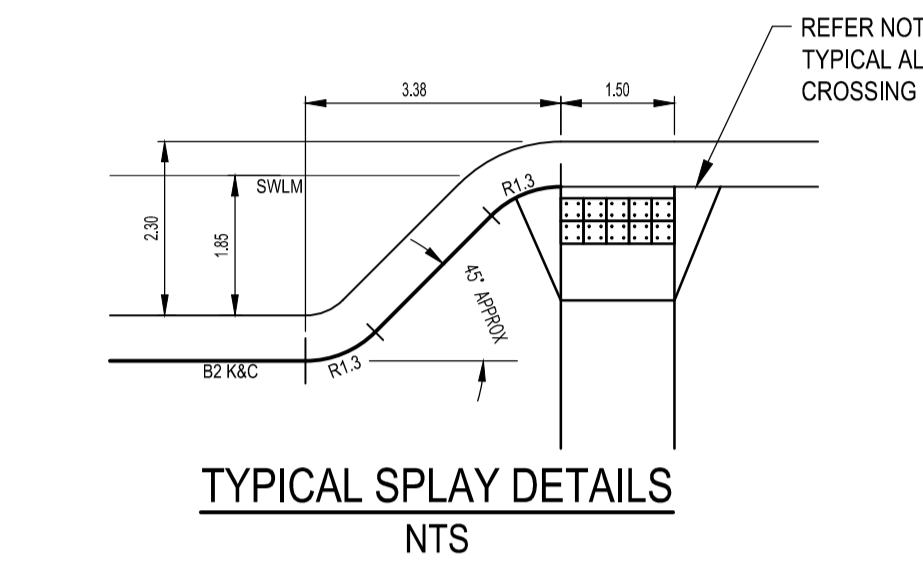
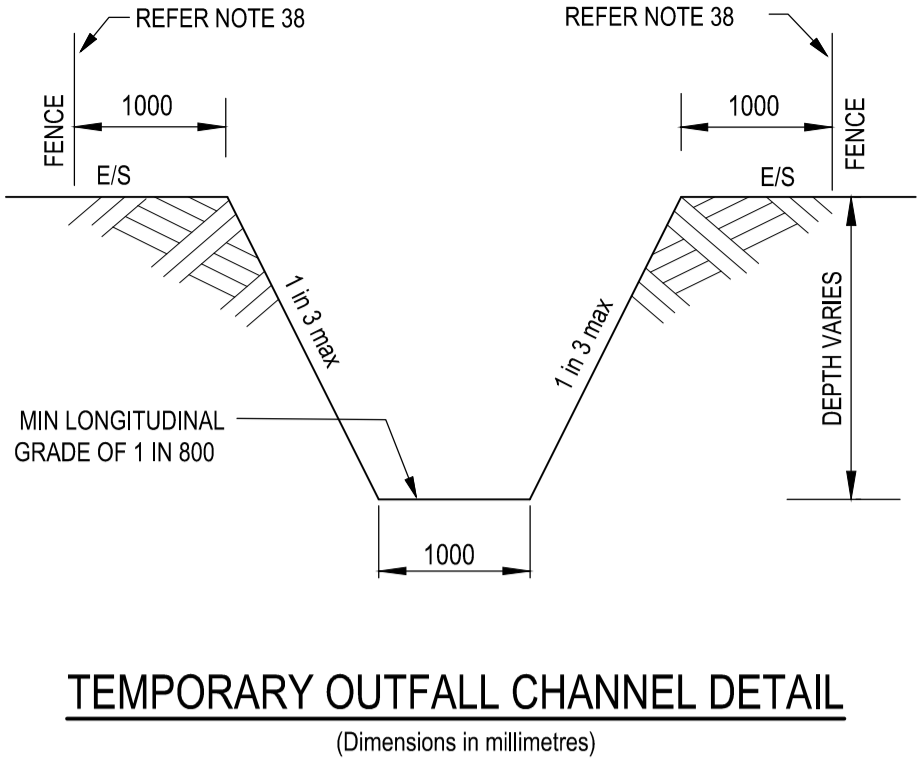
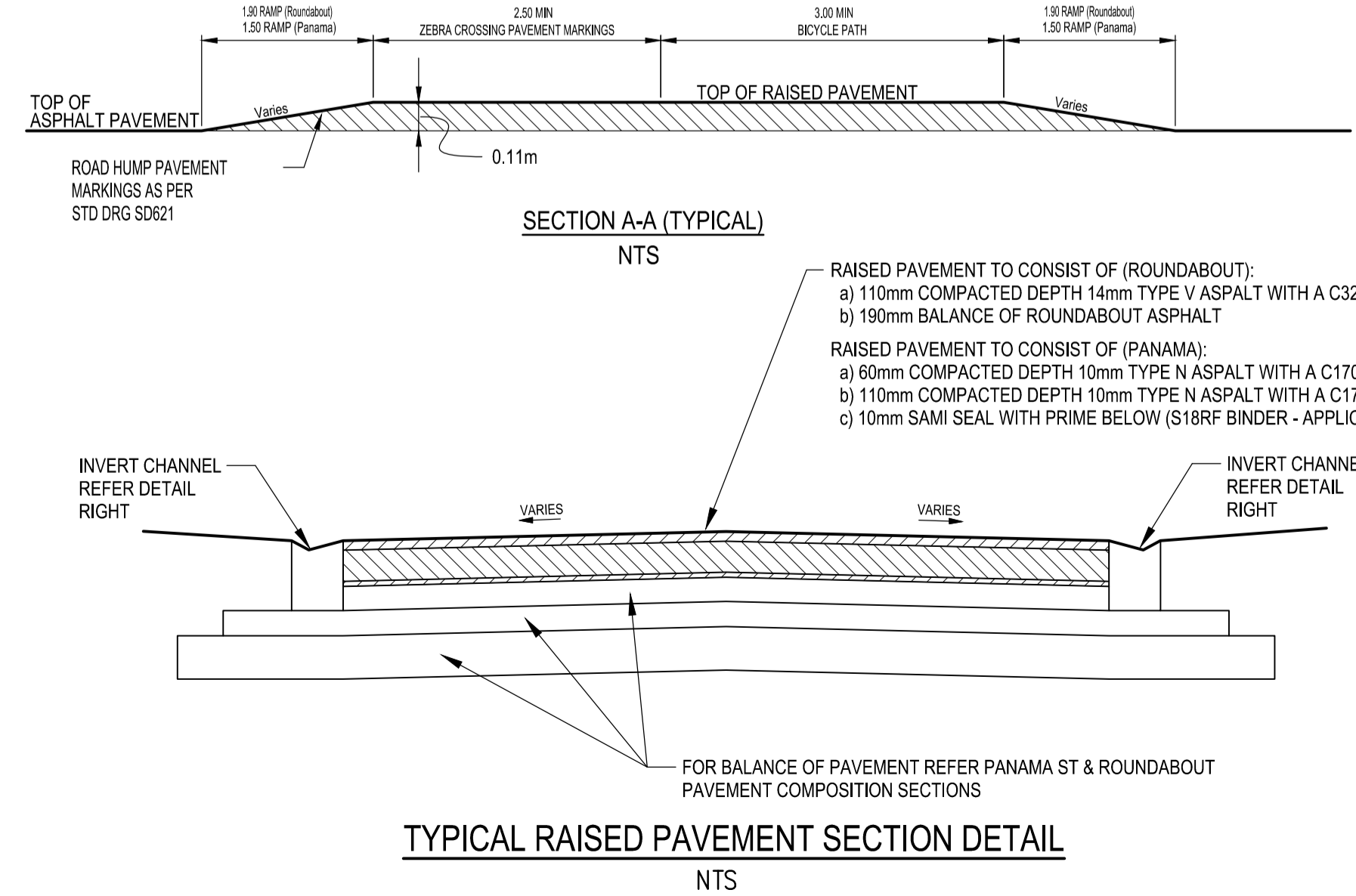
NOTES

- 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.
- COUNCIL TO BE NOTIFIED 2 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
- DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES. REFER EDM601-608 FOR FURTHER DETAILS.
- ALL PIPES TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED AND SHALL BE RRIJ UP TO AND INCLUDING 750mm DIAMETER. PIPES ABOVE THIS SIZE MUST BE FLUSH JOINTED WITH EXTERNAL SEALING BANDS. ALL DRAINS THAT CROSS UNDER ROAD PAVEMENTS ARE TO BE CLASS 4 R.C.P.
- JOINING FOR CURVED PIPE ALIGNMENT SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS (R/R'S FOR MINOR DEFLECTIONS OR COMPLETE R.C. BANDAGES)
- PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.
- LOTS DENOTED THUS 416H ARE TO BE PROVIDED WITH A 100mm HOUSE DRAIN PLACED 5.5m 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.
- APPROVED GRANULAR BACKFILL TO BE PROVIDED WHERE PIPE TRENCHES ENCR OACH UNDER ROADWAY DUE TO DEEP EXCAVATIONS IN ROCK.
- SHALLOW CUT OFF DRAINS ARE TO BE PROVIDED ON SUBDIVISION BOUNDARY WHERE NECESSARY.
- 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.
- AGRICULTURAL PIPE DRAINS TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER PITCHERS AND WHERE DIRECTED BY THE ENGINEER (REFER TO STD DRG EDM202).
- ALL DRAINAGE TRENCHES UNDER ROAD PAVEMENTS, KERB & CHANNEL, PARKING BAYS, DRIVEWAYS, FOOTPATHS AND BEHIND KERB & CHANNEL SHALL BE BACKFILLED WITH CRUSHED ROCK.
- BATTERS SHALL BE 1 IN 6 FOR CUT & FILL UNLESS OTHERWISE SHOWN. BATTERS EXCEEDING 1 IN 6 MUST BE STABILIZED AS PER COUNCIL REQUIREMENT.
- ALL NATIVE TREES AND SHRUBS TO BE RETAINED UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL OR REMOVAL IS DIRECTED BY THE ENGINEER.
- LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER.
- ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF RUBBISH AND SPOIL FROM SITE.
- 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.
- 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.
- 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.
- ALL GAS AND WATER CONDUITS FOR RESIDENTIAL LOTS TO BE PVC CLASS 12, 50mm DIAMETER & 100mm DIAMETER RESPECTIVELY.
- TELSTRANBN Co TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE BEING PLACED.
- CONDUITS ARE TO BE EXTENDED 450mm BEHIND FACE OF KERB AND TO BE REFERENCED ON FACE OF KERB.
- ALL STREET SIGNS TO BE CONSTRUCTED AND ERECTED TO CURRENT CITY OF WHITTLESEA STANDARDS. STREET NAME PLATES TO BE IN ACCORDANCE WITH STANDARD DRAWING SD825, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE.
- 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.
- ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH EDM501 & 502 AND ARE TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.
- ALL DRIVEWAY RAMPS INTO PROPERTIES ARE TO BE CUT IN AT A MAXIMUM GRADE OF 1 IN 6.
- 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 AS1289.5.2.1-2003. CONTROL TESTING TO COMPLY WITH AS3799-2007 APPENDIX B, LEVEL 1.
- 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.
- FILL REQUIRED UNDER ROADWAY KERB AND CHANNEL AND FOOTPATH TO BE UNDERTAKEN AS PER COUNCIL'S CONSTRUCTION SPECIFICATION FOR ROAD & DRAINAGE WORKS 20.8 (TYPE A MATERIAL AS PER VICROADS STANDARD SPECIFICATION 204) AND COMPACTED TO 98% AASHO IN 150mm LAYERS.
- PAVEMENT DEPTH MAY NOT BE ALTERED WITHOUT WRITTEN APPROVAL FROM CITY OF WHITTLESEA DEVELOPMENT ENGINEERING UNIT PRIOR TO THE COMMENCEMENT OF WORKS. ADDITIONAL COSTS WILL NOT BE CONSIDERED POST TENDER.
- 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.
- 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-INSTALLMENT AT THE CONTRACTORS EXPENSE.
- 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 MW SITE ENVIRONMENTAL MANAGEMENT POLICY 3.8.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS. THE SMP SHALL BE APPROVED BY CITY OF WHITTLESEA DEVELOPMENT ENGINEERING UNIT PRIOR TO THE COMMENCEMENT OF WORKS.
- 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.

35. PRIOR TO COMMENCEMENT OF WORKS TREE PROTECTION ZONES (TPZ) ARE TO BE INSTALLED AS SPECIFIED IN THE ANNOTATED DETAILS FORMING PART OF THE PLANNING PERMIT TO "TREES NOTED TO BE RETAINED". THIS INCLUDES THE FOLLOWING
 - RING LOCK WIRE MESH MINIMUM 1.20m HIGH (STD DRG SDL2.02)
 - MAIN POSTS 100mm TREATED PINE (TP), MINIMUM 1.80m HIGH
 - INTERMEDIATE POSTS STEEL STAR PICKETS (SP), MINIMUM 1.80m HIGH
 - THE CORNER POSTS ARE TO BE TP WITH TP STAYS
 - EVERY THIRD POST TO BE TP
 - SP TO BE PLACED INTERMEDIATELY BETWEEN THE TP AT MAX 3.0m INTERVALS
 - THE RING LOCK MESH TO ENCIRCLE THE STRUCTURE AND BE FIRMLY SECURED AT EACH POST
 - POSTS MUST BE SUNK INTO THE GROUND BY 450mm (THERE IS TO BE NO CONCRETE TO SECURE POSTS AS THIS WILL AFFECT pH LEVELS)
 - HIGH VISIBILITY HAZARD MARKER TAPE SECURELY FIXED TO TOP OF WIRE MESH FENCE WITH WIRE TIES
 - THE TREE PROTECTION ZONE IS TO BE CLEARLY SIGN POSTED IN ACCORDANCE WITH CONDITION 20 OF THE PLANNING PERMIT (STD DRG SDL.2.03)

NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY TREE UNTIL APPROVAL IS GIVEN BY THE ENGINEER.

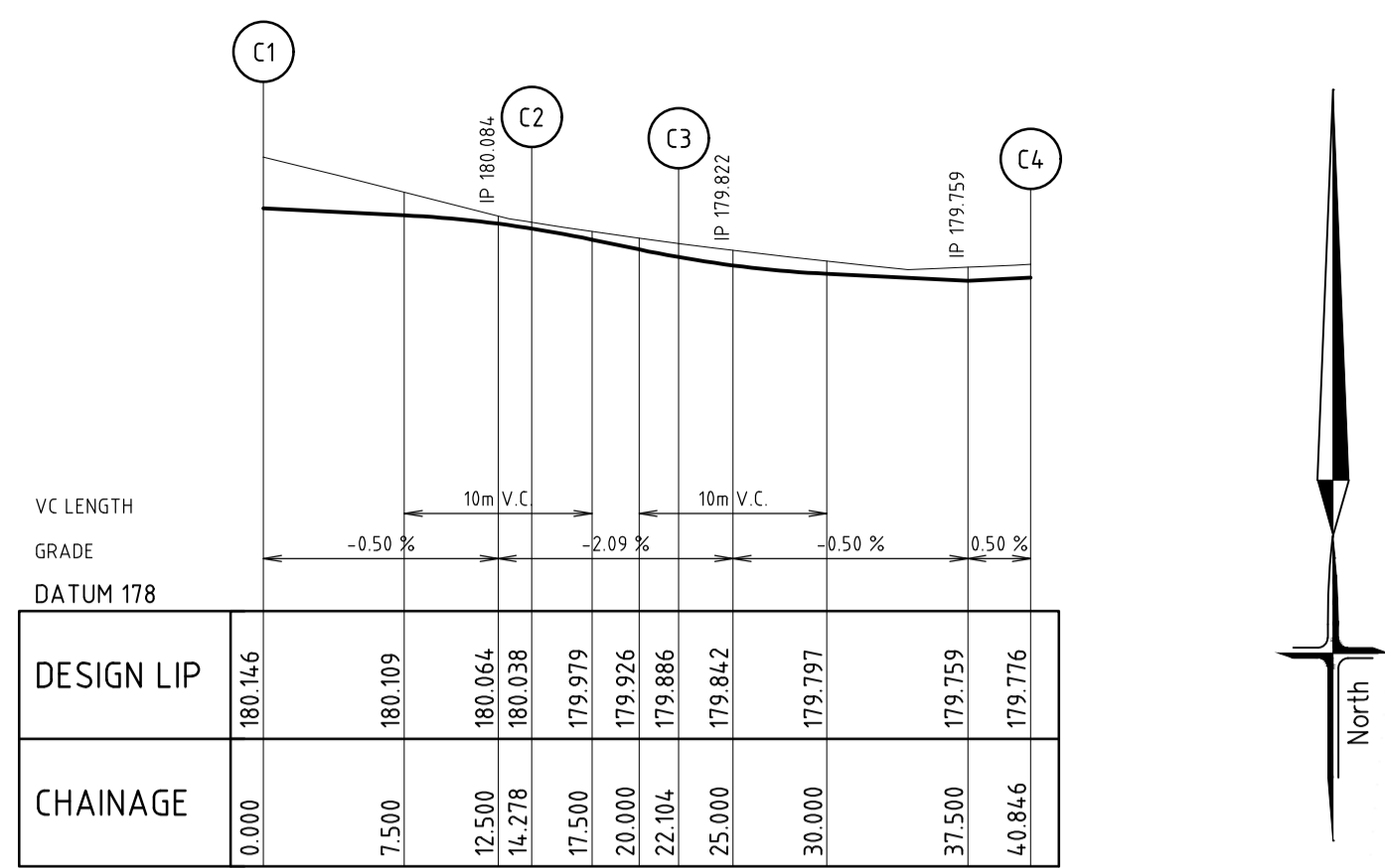
36. PROVIDE FENCING ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND MUNICIPAL RESERVE. FENCING TO BE ERECTED BY THE DEVELOPER AT NO COST TO COUNCIL. PALINGS/PICKETS TO BE ON THE RESERVE SIDE AND CONSTRUCTED GENERALLY IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SDL3.11a & SDL3.12a - WITH 15mm CHAMBERS AT TOP OF POSTS AND THE FOLLOWING VARIATIONS. FENCE PORTIONS TO CONSIST OF TYPES A, B & C AS DEFINED BELOW:
 - TYPE A - TO CONSIST OF A 1.2m HIGH SEMI-TRANSPARENT FENCE (SDL3.12a). PROVIDE A 150mm GAP BETWEEN PICKETS. TYPE A IS TO COMMENCE FROM THE FRONT CORNER PEG. LENGTH IS TO BE 5m MIN UNLESS OTHERWISE SHOWN.
 - TYPE B - TO CONSIST OF A 1.8m HIGH SEMI-TRANSPARENT FENCE (SDL3.11a). PROVIDE A 20mm GAP BETWEEN PALINGS. TYPE B IS TO COMMENCE IMMEDIATELY AFTER TYPE A FENCING. LENGTH IS TO BE 5m MIN UNLESS OTHERWISE SHOWN.
 - TYPE C - TO CONSIST OF A 1.8m HIGH SOLID FENCE (SDL3.11a). LENGTH IS TO COMPLETE THE BALANCE OF ANY SIDE OR REAR BOUNDARY FENCING AS INDICATED ON THE LAYOUT PLANS.
37. VEHICULAR EXCLUSION FENCING TO BE PROVIDED ALONG THE ROAD FRONTAGES OF ALL RESERVES. REFER LANDSCAPE PLANS FOR FENCE DETAILS. FENCING TO BE CONSTRUCTED AS PART OF LANDSCAPE WORKS.
38. PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MW STD. DWG. 72518/203) ALONG EDGE OF OUTFALL DRAINS. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.
39. TACTILE GROUND SURFACE INDICATORS (TGSIs) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH COUNCIL STD DRG SD320 AND AS1428.
40. A BUILDING PERMIT MUST BE OBTAINED FOR ANY STRUCTURAL RETAINING WALL EXCEEDING 1.0m IN HEIGHT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA. A COPY OF BUILDING PERMITS AND 'CERTIFICATE OF COMPLIANCE - CONSTRUCTION' TO BE SUBMITTED TO COUNCIL PRIOR TO STATEMENT OF COMPLIANCE.
41. ALL STRUCTURAL WORKS MUST BE SUPERVISED BY A QUALIFIED STRUCTURAL ENGINEER.
42. TRAFFIC ISLAND INFILLS SHOWN THUS TO CONSIST OF:
 - 200mm DEPTH REINFORCED S182 CONCRETE.
 - 50mm COMPACTED CLASS 2 CRUSHED ROCK.
 PROVIDE 450mm N12 DEFORMED BARS AT 400mm CENTRES AT ALL CONCRETE INTERFACES.
43. SAW CUT EXISTING PAVEMENT KERB AND CONNECT NEW KERB. CENTRALLY INSERT 2 No. DEFORMED BARS N12 DIA, 450mm LONG AT CENTRES BETWEEN THE KERBS. ONE END OF THE DOWEL TO BE SLEEVED OR GREASED. REMOVE ASPHALT AND MAINTAIN PAVEMENT BASE UP TO 600mm BEHIND KERB. INSTALL AG'S AND CONNECT TO EXISTING. PROVIDE TOPSOIL INFILL TO MATCH EXISTING MEDIAN. REMOVE SIGNS AND RELOCATE STREET SIGNS TO CENTRELINE OF LATERAL ROADS.
44. EXISTING DAM OR WATER COURSE TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSE 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.
45. ALL PEDESTRIAN CROSSINGS ARE TO BE CONSTRUCTED GENERALLY IN ACCORDANCE WITH EDM403. ALL PRAM CROSSING SPLAYS MUST BE 600mm WIDE AND NO GREATER.
46. "Temp WL 175.52 (FB176.15)" - DENOTES TEMPORARY Q100 FLOOD LEVELS & FREEBOARD, BASED ON TEMPORARY RURAL OUTLET PIPE.
 "UL Q100 WL 176.31 (FB176.91)" - DENOTES ULTIMATE Q100 FLOOD LEVELS & FREEBOARD, BASED ON REMOVAL OF RURAL OUTLET PIPE AND ULTIMATE EXTENSION OF FLOODWAY.
 "RB Q100 FB180.35" - DENOTES FUTURE RETARDING BASIN WEIR OVERTSPILL FREEBOARD LEVELS (600mm MIN).



PAVEMENT COMPOSITION
NOT TO SCALE
REFER CARNO GEOTECHNICAL REPORT "V1616524" Oct 2021

AMENDMENTS	DATE	REVISIONS
B	6/10/21	ESTATE NAME, ALL PAVEMENT COMPOSITIONS REVISED
A	10/12/19	ISSUED FOR CONSTRUCTION
VER		

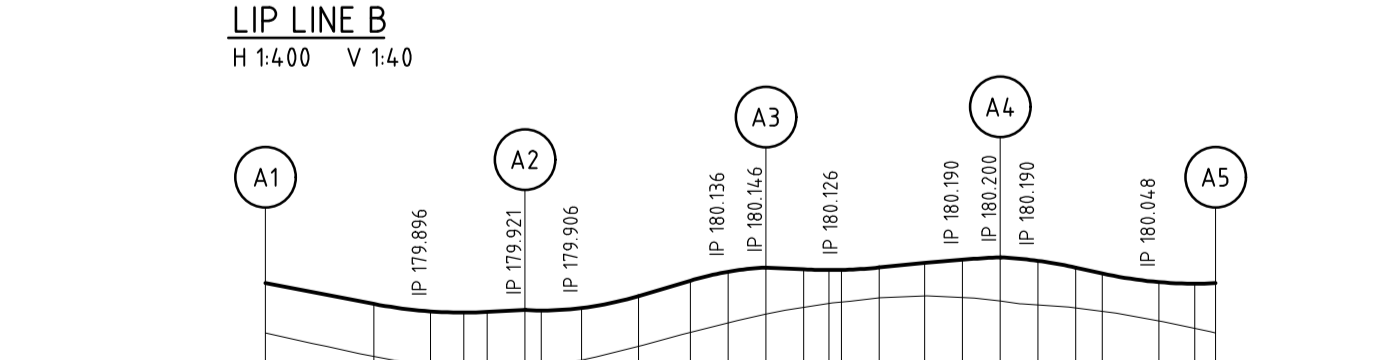
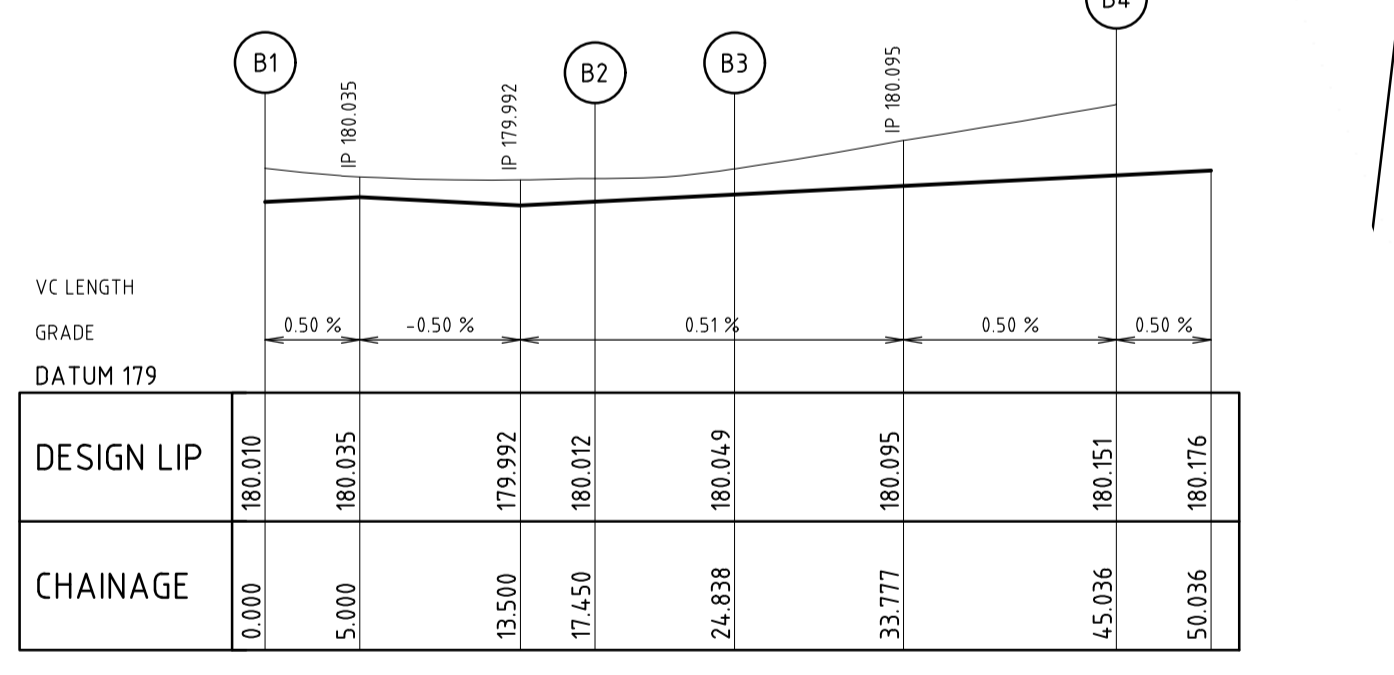
breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
MELWAY REF: 389-B-11 SURVEY: BPD		MUNICIPALITY: WHITTLESEA
DESIGN: DG DRAWN: DG		REFERENCE: 8625 E/06
NOTES, PAVEMENT COMPOSITION & DETAILS		
SCALE: As Shown	DATUM: AHD	DATE: Oct'19
SHEET: 2 OF 15	B	



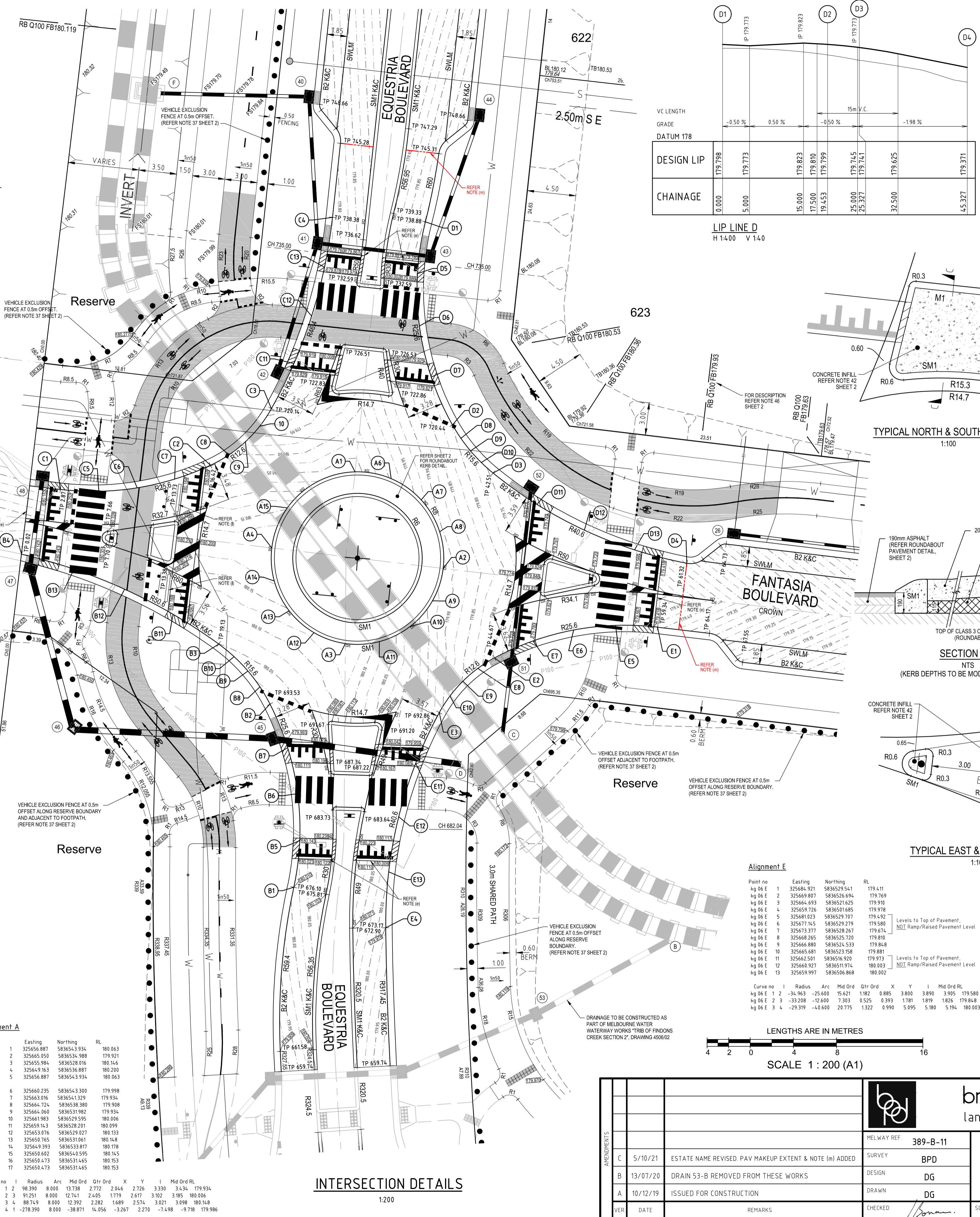
Point no	Easting	Northing	RL
kg 06 C 1	325649.582	583654.299	180.146
kg 06 C 2	325649.495	583654.543	180.038
kg 06 C 3	325649.134	583654.789	179.886
kg 06 C 4	325654.794	583657.522	179.776
kg 06 C 5	325693.144	583652.024	180.128
kg 06 C 6	325636.686	583652.445	180.110
kg 06 C 7	325640.169	583654.257	180.084
kg 06 C 8	325645.195	583654.508	180.004
kg 06 C 9	325644.725	583654.725	179.964
kg 06 C 10	325648.049	583654.183	179.923
kg 06 C 11	325651.215	583653.984	179.821
kg 06 C 12	325652.862	583653.869	179.789
kg 06 C 13	325654.059	583652.896	179.764



Point no	Easting	Northing	RL
kg 06 B 1	325651.212	583654.437	180.010
kg 06 B 2	325649.000	583652.448	180.012
kg 06 B 3	325644.245	583652.972	180.049
kg 06 B 4	325652.584	583653.285	180.051
kg 06 B 5	325651.768	583653.760	180.031
kg 06 B 6	325651.567	583651.113	180.016
kg 06 B 7	325650.438	583649.370	179.994
kg 06 B 8	325648.068	583652.091	180.021
kg 06 B 9	325644.954	583652.473	180.031
kg 06 B 10	325645.674	583652.803	180.040
kg 06 B 11	325644.095	583653.725	180.075
kg 06 B 12	325635.531	583653.043	180.100
kg 06 B 13	325630.839	583653.902	180.126



Point no	Easting	Northing	RL
kg 06 A 1	325656.887	583654.934	180.063
kg 06 A 2	325656.850	583654.988	179.921
kg 06 A 3	325655.984	583653.816	180.146
kg 06 A 4	32564.9163	5836536.887	180.200
kg 06 A 5	325656.887	583654.934	180.063
kg 06 A 6	325640.235	583654.300	179.998
kg 06 A 7	325663.016	583654.129	179.934
kg 06 A 8	325644.724	583653.380	179.908
kg 06 A 9	325644.060	583653.192	179.934
kg 06 A 10	325641.983	583652.955	180.006
kg 06 A 11	325659.143	583652.201	180.099
kg 06 A 12	325653.016	583652.217	180.133
kg 06 A 13	325650.765	583653.061	180.148
kg 06 A 14	325649.393	583653.817	180.178
kg 06 A 15	325650.602	583654.595	180.145
kg 06 A 16	325650.473	583653.445	180.153
kg 06 A 17	325650.473	583653.445	180.153

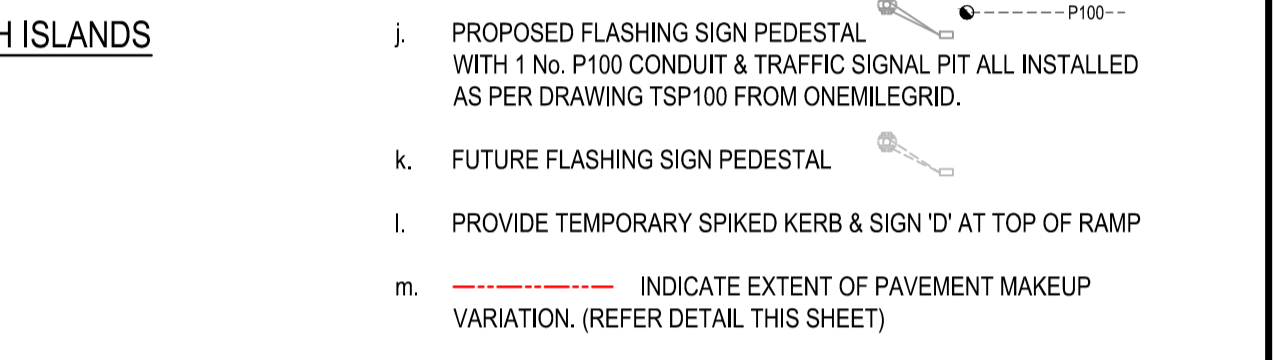
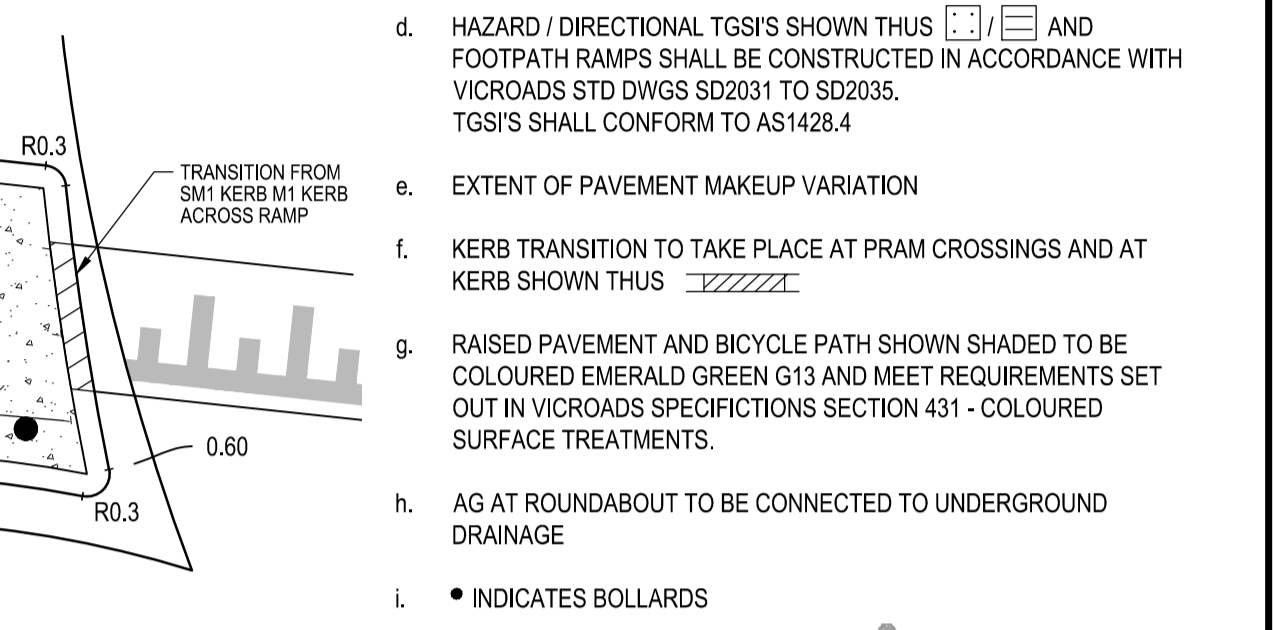


Point no	Easting	Northing	RL
kg 06 D 1	325663.406	583657.103	179.798
kg 06 D 2	325665.912	583654.821	179.799
kg 06 D 3	325669.676	583654.817	179.741
kg 06 D 4	325681.625	583653.442	179.371
kg 06 D 5	325662.668	583652.304	179.774
kg 06 D 6	325662.849	583655.451	179.797
kg 06 D 7	325663.944	583652.720	179.821
kg 06 D 8	325668.091	583651.437	179.788
kg 06 D 9	325667.583	583654.871	179.774
kg 06 D 10	325668.582	583654.795	179.759
kg 06 D 11	325673.742	583654.912	179.665
kg 06 D 12	325678.194	583653.529	179.569
kg 06 D 13	325682.785	583653.703	179.470

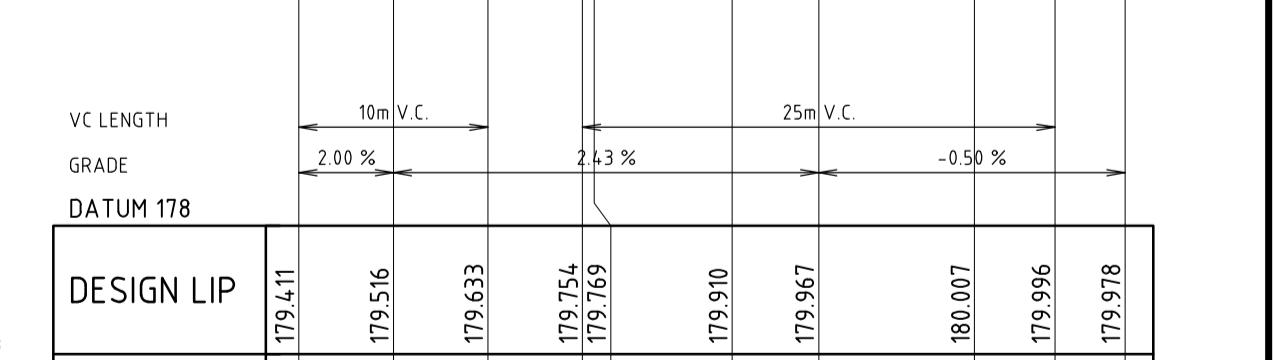
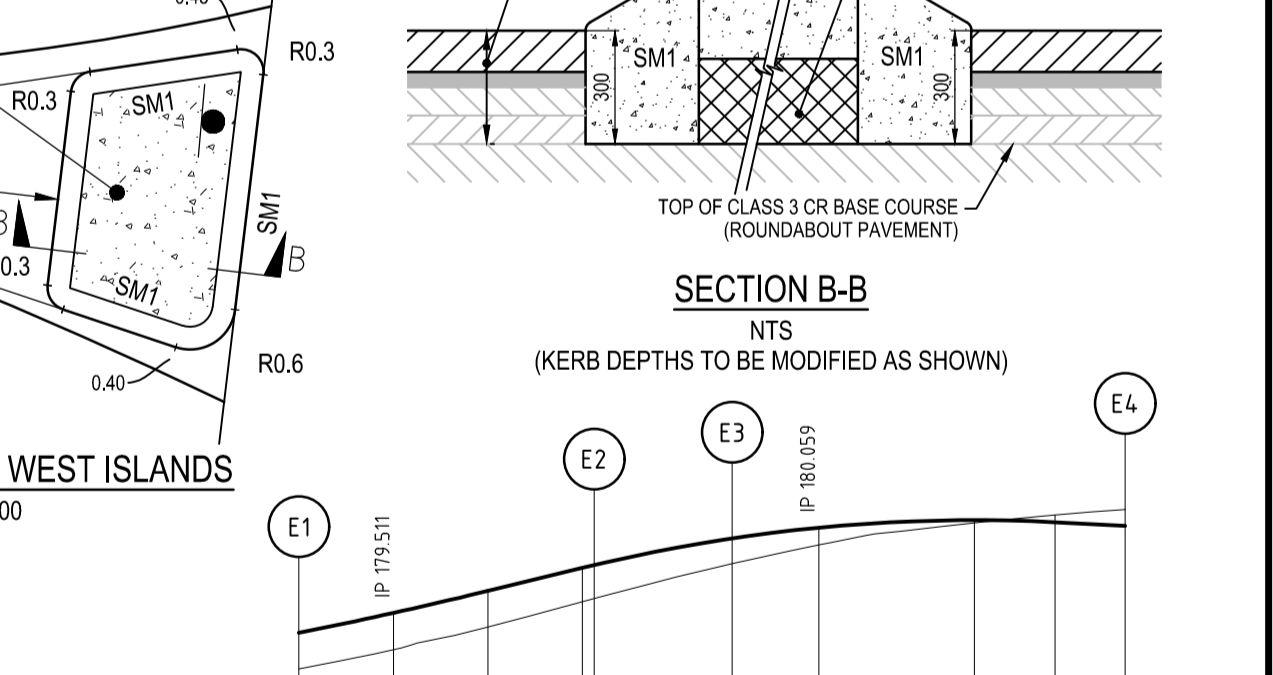
Curve no	1	2	3	4
Radius	43.938	-25.460	194.438	1826
Arc	194.438	1826	1365	4.660
Mid Ord	4.834	4.843	179.979	
Qtr Ord	5.874	0.276	0.207	1.453
X	1.466	1.469	179.774	
Y	1.225	0.918	4.912	4.987
L	5.000	179.759		
Mid Ord RL				

Design Lip	Chainage
179.798	0.000
179.173	5.000
179.623	15.000
179.800	17.500
179.199	19.453
179.145	25.000
179.141	25.927
179.625	32.500
179.371	45.327

- ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- SWLM - INDICATES SOLID WHITE 'LONGLIFE' LINE MARKING
BWLM - INDICATES BROKEN WHITE 'LONGLIFE' LINE MARKING
- DE DDE INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPVMS
PLACED AT 6m CTS, UNLESS OTHERWISE SHOWN
- HAZARD / DIRECTIONAL TGS'S SHOWN THUS [Symbol] AND
FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH
VICROADS STD DWG'S SD2031 TO SD2035.
TGS'S SHALL CONFORM TO AS1428.4
- EXTENT OF PAVEMENT MAKEUP VARIATION
- KERB TRANSITION TO TAKE PLACE AT PRAM CROSSINGS AND AT
KERB SHOWN THUS [Symbol]
- RAISED PAVEMENT AND BICYCLE PATH SHOWN SHARED TO BE
COLOURED EMERALD GREEN G13 AND MEET REQUIREMENTS SET
OUT IN VICROADS SPECIFICATIONS SECTION 431 - COLOURED
SURFACE TREATMENTS
- AG AT ROUNDABOUT TO BE CONNECTED TO UNDERGROUND
DRAINAGE
- INDICATES BOLLARDS
- PROPOSED FLASHING SIGN PEDESTAL
WITH 1 No. P100 CONDUIT & TRAFFIC SIGNAL PIT ALL INSTALLED
AS PER DRAWING TSP100 FROM ONEMILEGRID.
- FUTURE FLASHING SIGN PEDESTAL
- PROVIDE TEMPORARY SPIKED KERB & SIGN 'D' AT TOP OF RAMP
VARIATION. (REFER DETAIL THIS SHEET)



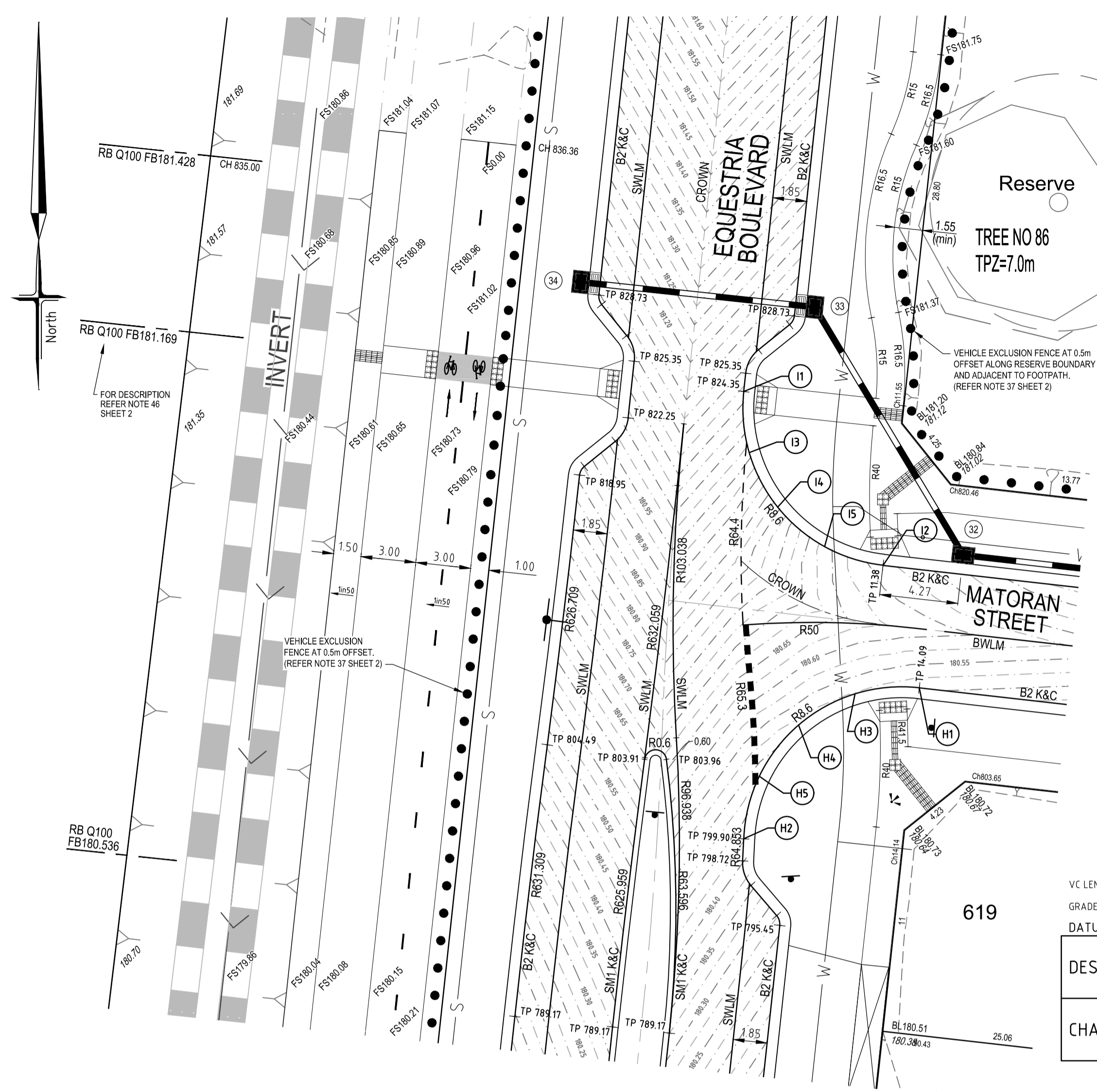
Point no	Easting	Northing	RL
kg 06 E 1	325684.921	583652.941	179.411
kg 06 E 2	325669.807	583652.694	179.769
kg 06 E 3	325664.493	583651.625	179.910
kg 06 E 4	325659.726	583651.685	179.978
kg 06 E 5	325681.023	583652.907	179.492
kg 06 E 6	325673.145	583652.279	179.580
kg 06 E 7	325673.377	583652.267	179.674
kg 06 E 8	325668.285	583652.720	179.880
kg 06 E 9	325666.880	583652.538	179.848
kg 06 E 10	325665.681	583652.158	179.881
kg 06 E 11	325662.581	583652.928	179.973
kg 06 E 12	325664.927	583651.974	180.003
kg 06 E 13	325659.997	583650.868	180.002



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fax no. 8823 2310

MUNICIPALITY		WHITTLESEA	
REFERENCE		8625 E/06	
SHEET	3 OF 15	C	



Alignment I

Point no	Easting	Northing	RL
kg 06 I 1	325670.365	5836652.284	180.067
kg 06 I 2	325677.969	5836642.820	180.585
kg 06 I 3	325670.681	5836648.953	180.961
kg 06 I 4	325672.275	5836645.987	180.807
kg 06 I 5	325674.783	5836643.834	180.662

Alignment J

Point no	Easting	Northing	RL
kg 06 J 1	32574.106	5836620.580	179.583
kg 06 J 2	325733.528	5836630.092	179.623
kg 06 J 3	325740.826	5836633.924	179.832
kg 06 J 4	325739.287	5836626.996	179.650
kg 06 J 5	325736.725	5836629.072	179.640

Alignment K

Point no	Easting	Northing	RL
kg 06 K 1	325734.248	5836636.452	179.623
kg 06 K 2	325743.760	5836644.030	180.055
kg 06 K 3	325737.991	5836636.732	179.877
kg 06 K 4	325740.573	5836638.271	179.805
kg 06 K 5	325742.739	5836640.834	179.950

Alignment I

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 I 1	2	-89.675	-8.600	13.460	2.552	1.852	2.784	3.280	3.365	180.807

Alignment J

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 J 1	2	-94.269	-8.600	14.150	2.750	2.032	2.865	3.439	3.537	180.512

Alignment K

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 K 1	2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	179.805

Alignment H

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 H 1	2	-94.269	-8.600	14.150	2.750	2.032	2.865	3.439	3.537	180.512

Alignment G

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 G 1	2	-77.046	-8.600	11.564	1.872	1.390	2.519	2.837	2.891	178.282

Alignment F

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 F 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

Alignment E

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 E 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

Alignment D

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 D 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

Alignment I

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 I 1	2	-89.675	-8.600	13.460	2.552	1.852	2.784	3.280	3.365	180.807

Alignment J

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 J 1	2	-94.269	-8.600	14.150	2.750	2.032	2.865	3.439	3.537	180.512

Alignment K

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 K 1	2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	179.805

Alignment H

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 H 1	2	-94.269	-8.600	14.150	2.750	2.032	2.865	3.439	3.537	180.512

Alignment G

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 G 1	2	-77.046	-8.600	11.564	1.872	1.390	2.519	2.837	2.891	178.282

Alignment F

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 F 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

Alignment E

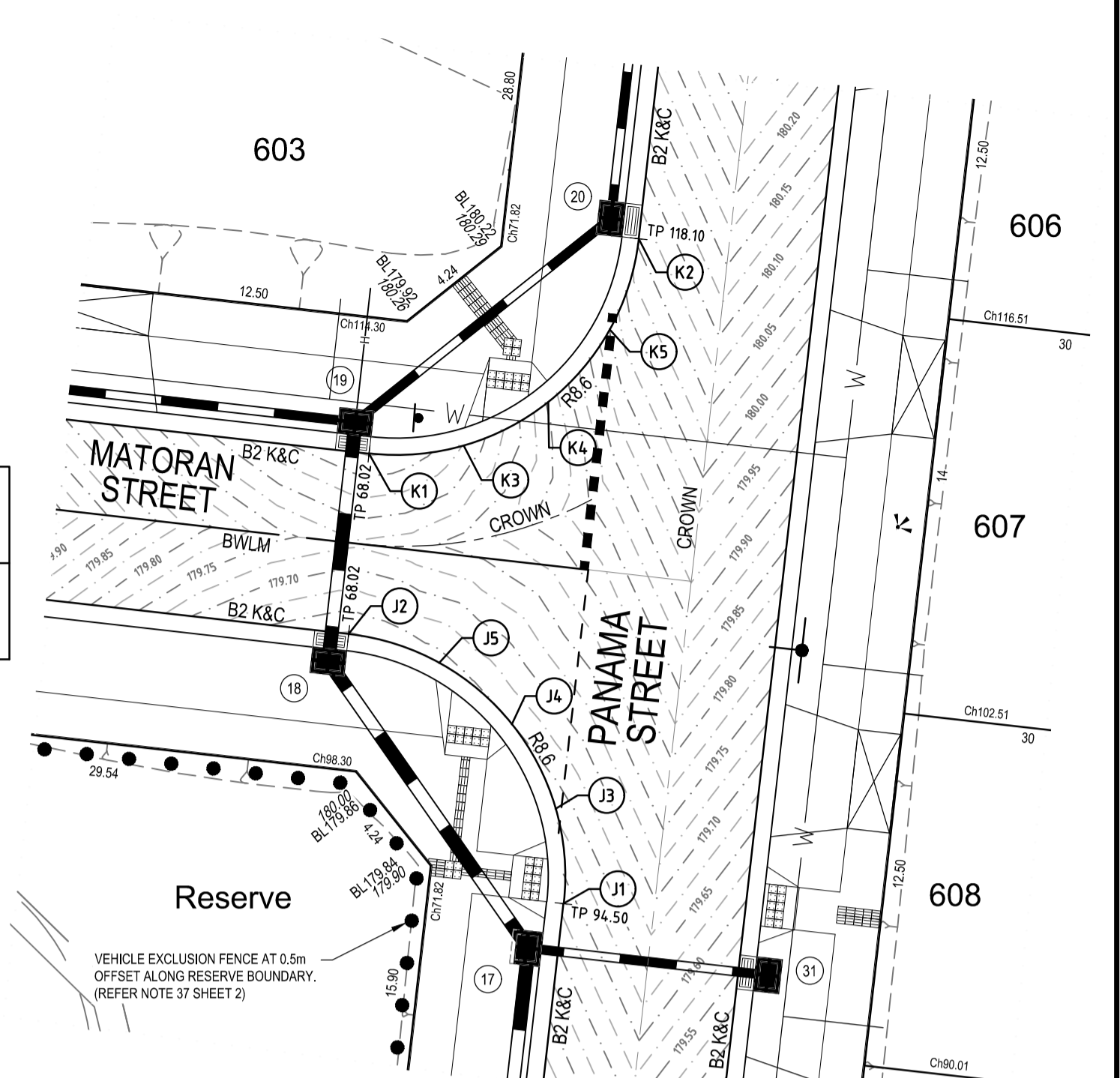
Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 E 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

Alignment D

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 D 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

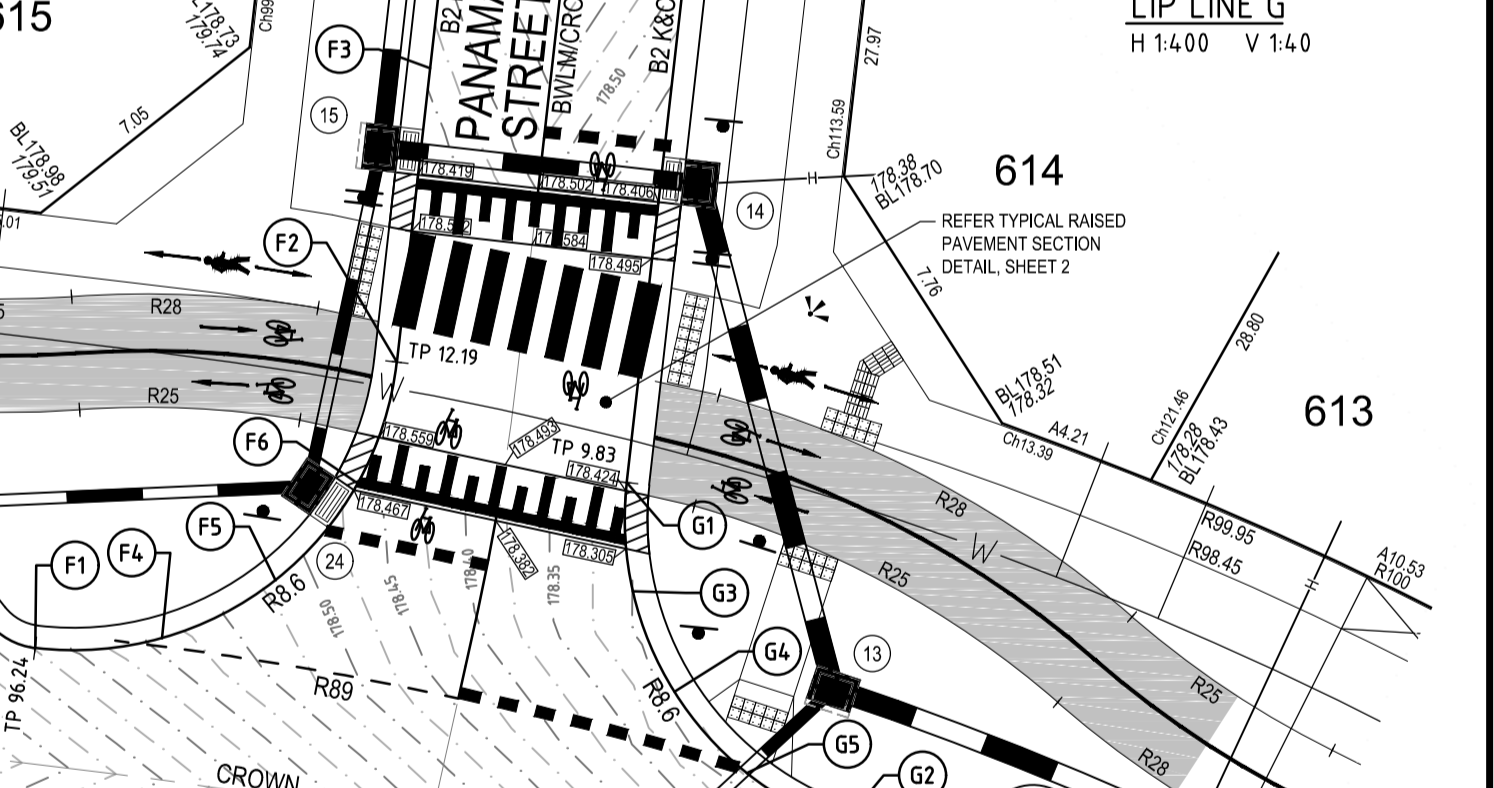
Alignment C

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 C 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517



Alignment G

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 G 1	2	-77.046	-8.600	11.564	1.872	1.390	2.519	2.837	2.891	178.282



Alignment F

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 F 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

Alignment E

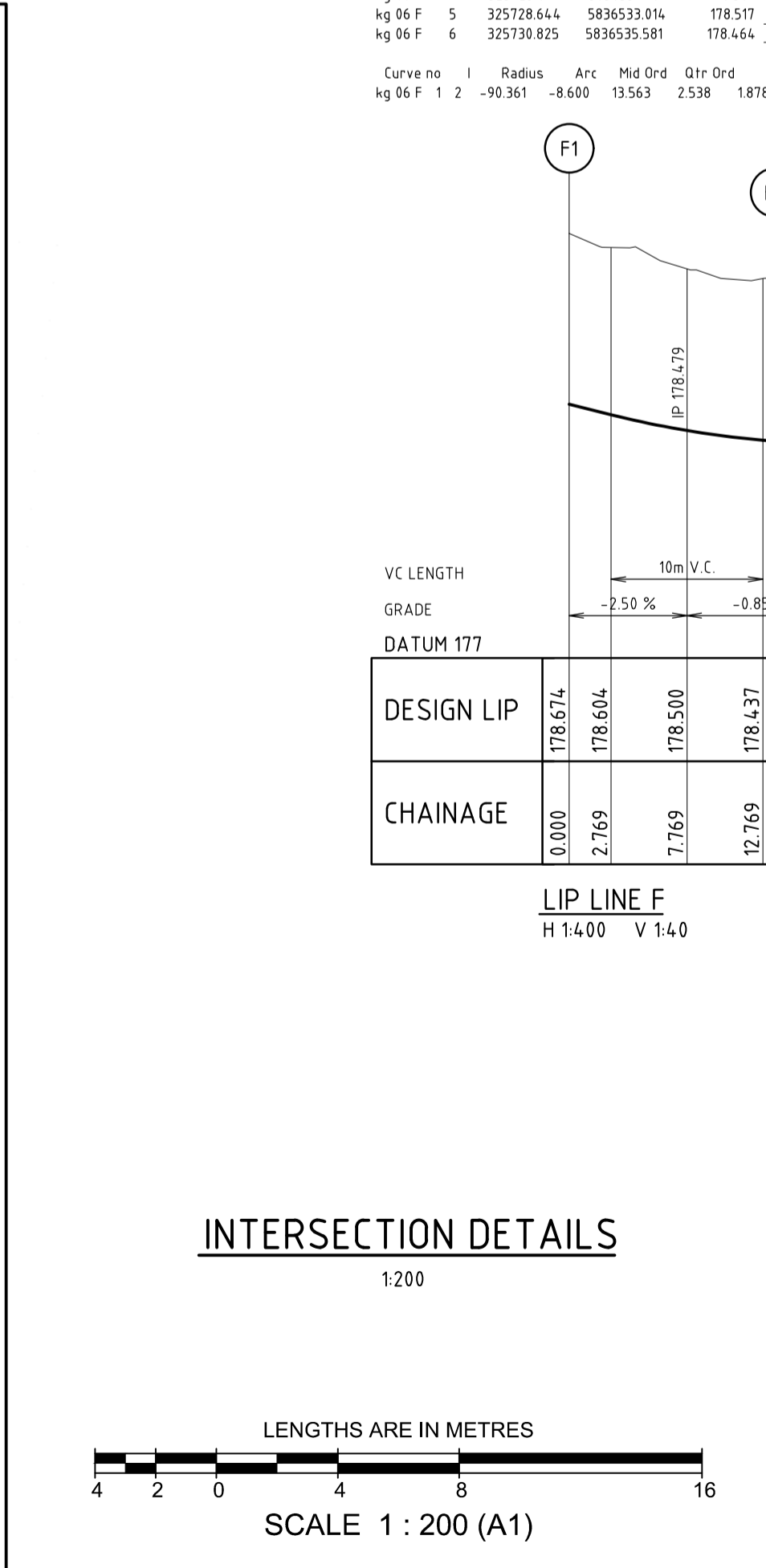
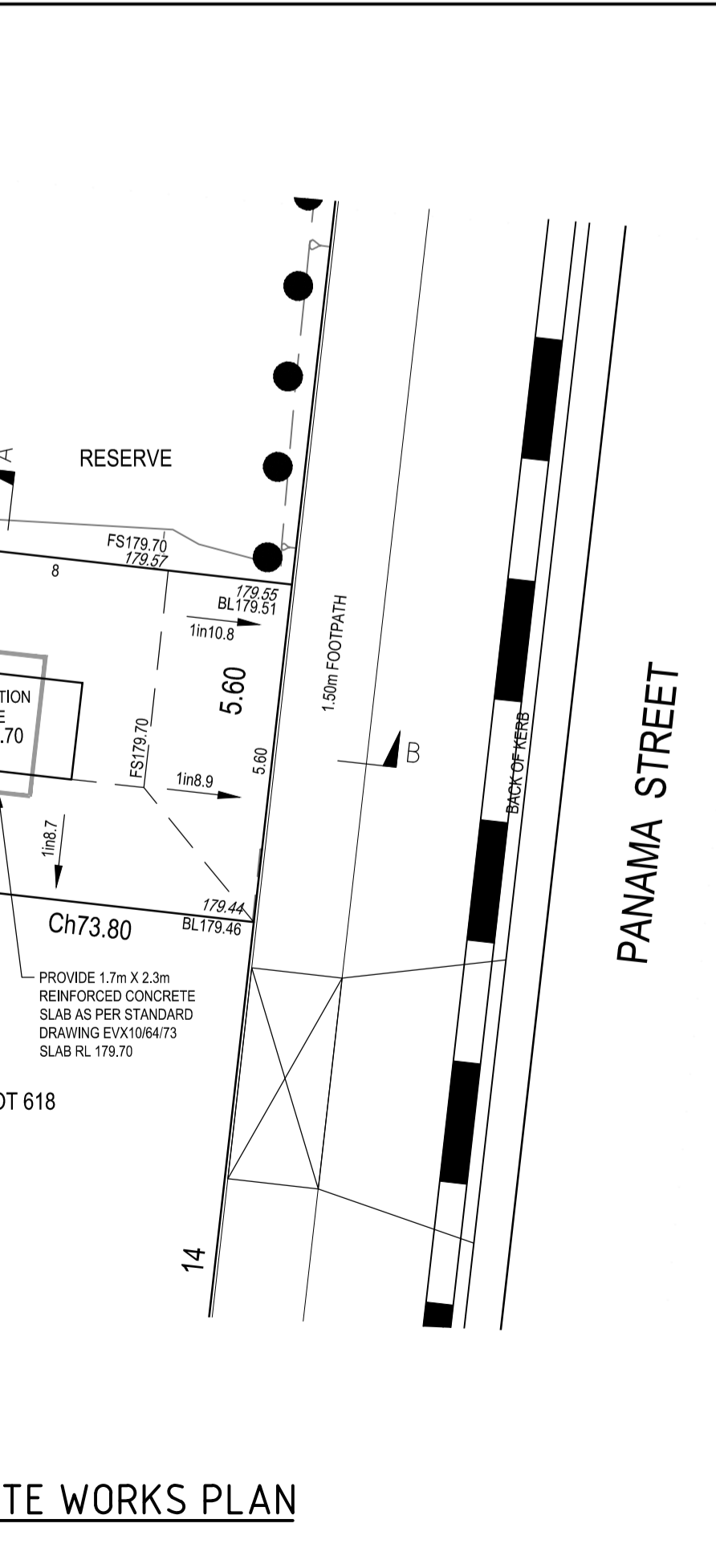
Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 E 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

SECTION B-B
H 1:100 V 1:100

DATUM 178	FINISHED SURFACE	EXISTING SURFACE
179.625	179.593	179.580
179.593	179.580	179.572
179.580	179.572	179.547
179.572	179.700	179.700
179.547	179.700	179.700
179.529	179.700	179.700
179.515	179.700	179.700
179.494	179.479	179.448
179.478	179.448	179.451
179.451	179.335	179.335

SECTION A-A
H 1:100 V 1:100

DATUM 178	FINISHED SURFACE	EXISTING SURFACE
179.390	179.452	179.486
179.452	179.486	179.520
179.486	179.520	179.556
179.520	179.700	179.700
179.556	179.700	179.700
179.600	179.612	179.612
179.612	179.612	179.612
179.614	179.614	179.614
179.711	179.711	179.711



INTERSECTION DETAILS
1:200

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	L	Mid Ord RL	
kg 06 F 1	2	-90.361	-8.600	13.563	2.538	1.878	2.797	3.304	3.391	178.517

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ELLERY ESTATE
STAGE 6
INTERSECTION DETAILS - SHEET 2

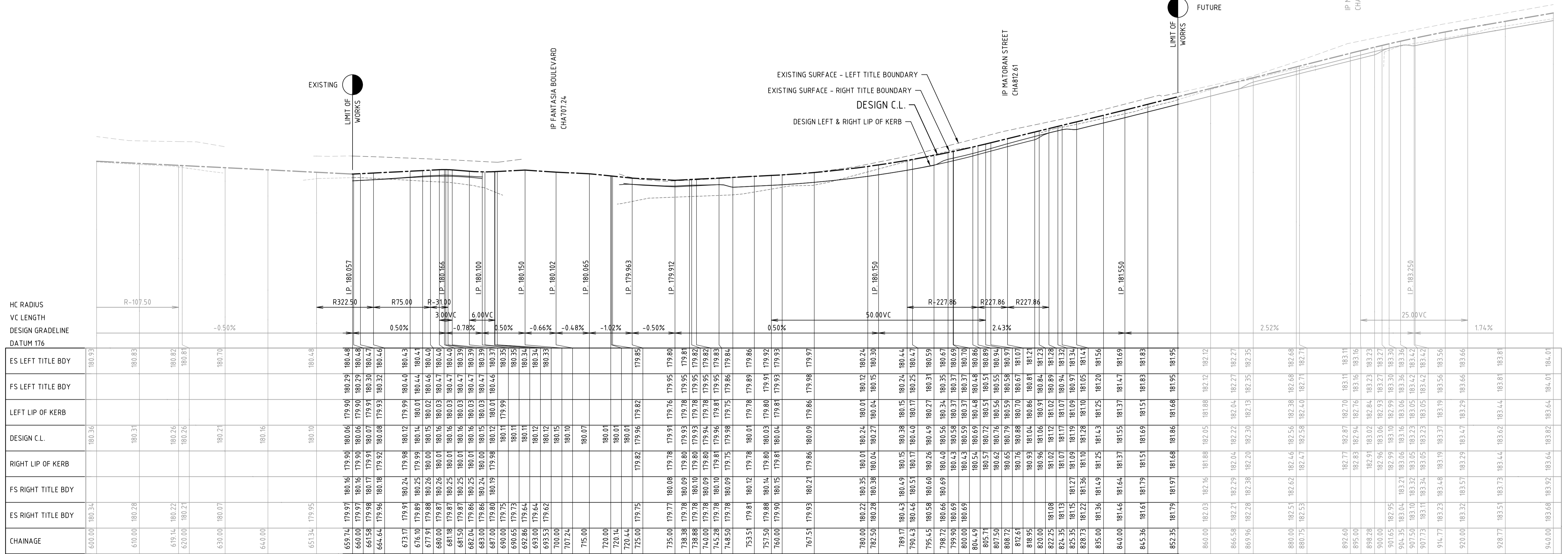
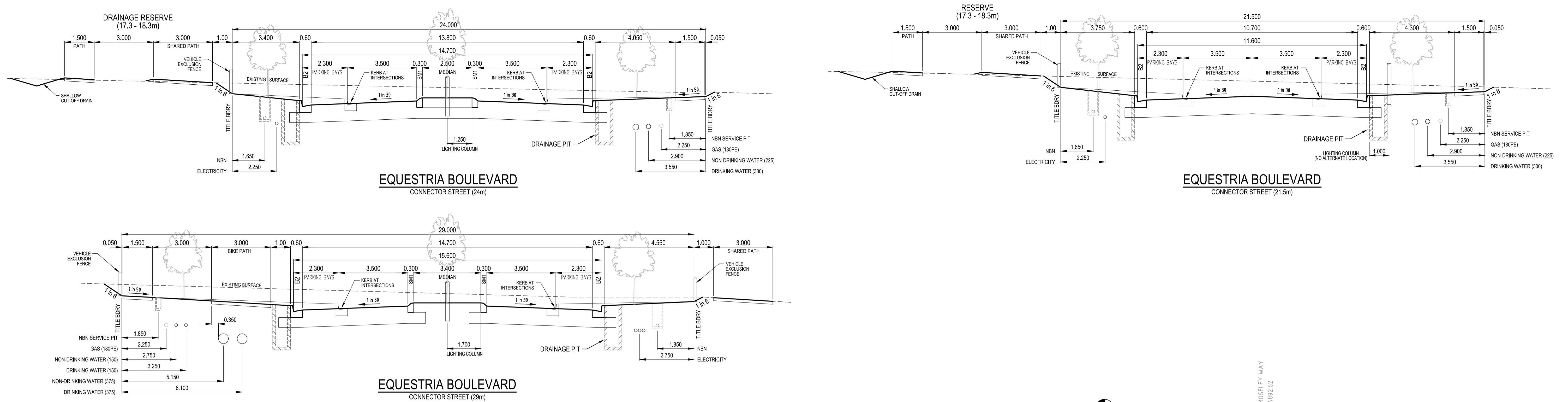
MUNICIPALITY: WHITTLESEA
REFERENCE: 8625 E/06

DATE: 5/10/21
ESTATE NAME REVISED
DESIGN: DG

DATE: 10/12/19
ISSUED FOR CONSTRUCTION
DRAWN: DG

CHECKED: [Signature]

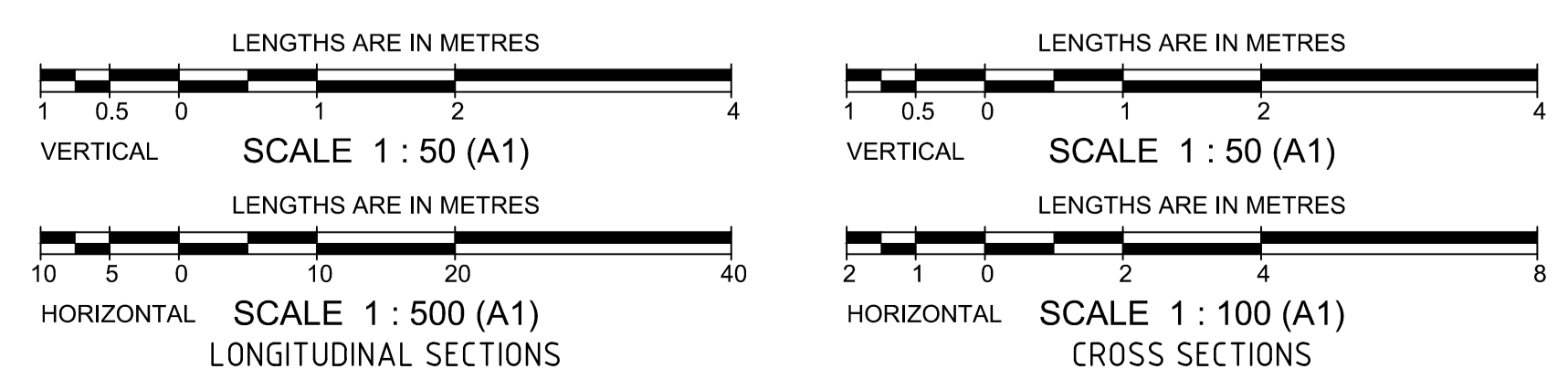
SCALE: As Shown
DATUM: AHD
DATE: Oct'19
SHEET: 4 OF 15



LONGITUDINAL SECTION (Rd10)
H 1500 V 150

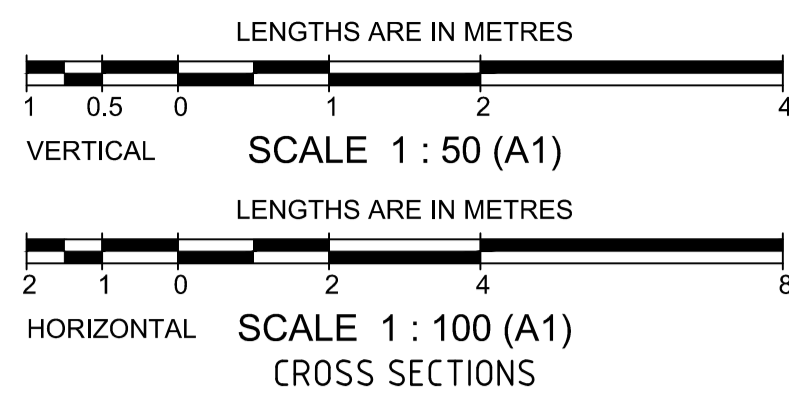
CHAINAGE	ES LEFT TITLE BDY	FS LEFT TITLE BDY	LEFT LIP OF KERB	DESIGN C.L.	RIGHT LIP OF KERB	FS RIGHT TITLE BDY	ES RIGHT TITLE BDY
600.00	180.34						180.34
610.00	180.28						180.28
619.14	180.22						180.22
620.00	180.21						180.21
630.00	180.07						180.07
640.00							
651.34	179.95						179.95
659.74	179.97	180.16	179.90	180.06	179.90	180.29	180.46
660.00	179.97	180.16	179.90	180.06	179.90	180.29	180.46
661.58	179.98	180.17	179.91	180.07	179.91	180.30	180.47
664.64	179.96	180.18	179.92	180.08	179.92	180.32	180.46
673.17	179.91	180.24	179.98	180.12	179.99	180.40	180.43
676.10	179.89	180.25	179.99	180.14	180.01	180.44	180.41
677.91	179.88	180.26	180.00	180.15	180.02	180.46	180.40
680.00	179.87	180.26	180.01	180.16	180.03	180.47	180.40
681.18	179.87	180.25	180.01	180.16	180.03	180.47	180.40
682.04	179.86	180.25	180.01	180.16	180.03	180.47	180.39
683.00	179.86	180.25	180.01	180.16	180.03	180.47	180.39
685.00	179.80	180.24	180.00	180.15	180.03	180.47	180.39
690.00	179.80	180.19	179.98	180.12	180.01	180.46	180.37
690.65	179.75		180.11	179.99	180.35		180.35
692.86	179.73		180.11	180.34			180.35
693.00	179.64		180.12	180.34			180.34
693.53	179.62		180.12	180.33			180.33
700.00			180.15				
707.24			180.10				
715.00			180.07				
720.00			180.01				
720.14			180.01				
720.44			180.01				
725.00	179.75	179.82	179.96	179.82	179.85		179.85
735.00	179.77	180.08	179.78	179.91	179.76	179.95	179.80
738.38	179.78	180.09	179.80	179.93	179.78	179.95	179.81
738.88	179.78	180.10	179.80	179.93	179.78	179.95	179.82
740.00	179.78	180.09	179.80	179.94	179.78	179.95	179.82
742.58	179.78	180.10	179.81	179.96	179.81	179.95	179.83
745.28	179.78	180.09	179.79	179.95	179.75	179.86	179.84
753.51	179.81	180.12	179.78	180.01	179.78	179.89	179.86
757.50	179.88	180.14	179.80	180.03	179.80	179.91	179.92
760.00	179.90	180.15	179.81	180.04	179.81	179.93	179.93
767.51	179.93	180.21	179.86	180.09	179.86	179.98	179.97
780.00	180.22	180.35	180.01	180.24	180.01	180.12	180.24
782.50	180.28	180.38	180.04	180.27	180.04	180.15	180.30
789.17	180.43	180.49	180.15	180.38	180.15	180.24	180.44
790.43	180.46	180.51	180.17	180.40	180.17	180.25	180.47
795.45	180.56	180.60	180.26	180.49	180.27	180.31	180.59
798.72	180.66	180.69	180.40	180.56	180.34	180.35	180.67
799.90	180.69	180.43	180.58	180.37	180.37	180.69	
800.00	180.69	180.43	180.59	180.37	180.37	180.70	
800.49	180.69	180.54	180.69	180.48	180.48	180.66	
805.71	180.57	180.57	180.72	180.51	180.51	180.69	
807.50	180.67	180.76	180.56	180.55	180.54		
808.72	180.65	180.79	180.59	180.58	180.97		
812.61	180.76	180.88	180.70	180.67	181.01		
818.95	180.93	181.04	180.86	180.81	181.21		
820.00	180.96	181.06	180.91	180.84	181.23		
822.25	181.08	181.02	181.12	181.02	180.89	181.28	
824.35	181.13	181.07	181.17	181.07	180.94	181.32	
825.25	181.15	181.27	181.09	181.09	180.97	181.34	
826.73	181.22	181.36	181.10	181.28	181.10	181.05	181.14
835.00	181.36	181.49	181.25	181.43	181.25	181.20	181.56
840.00	181.46	181.64	181.37	181.55	181.37	181.47	181.69
845.36	181.61	181.79	181.51	181.69	181.51	181.83	181.83
852.35	181.79	181.97	181.68	181.86	181.68	181.95	181.95
860.00	182.03	182.16	181.88	182.05	181.88	182.12	182.12
866.58	182.21	182.29	182.04	182.22	182.04	182.27	182.27
869.96	182.28	182.38	182.20	182.30	182.15	182.35	182.35
880.00	182.51	182.62	182.46	182.56	182.38	182.68	182.68
880.75	182.53	182.47	182.58	182.40	182.71	182.71	
892.60		182.77	182.87	182.70	183.11	183.11	
895.00		182.83	182.94	182.76	183.16	183.16	
898.28		182.91	183.02	182.84	183.23	183.23	
900.00		182.96	183.06	182.93	183.27	183.27	
901.65	182.95	182.99	183.10	182.99	183.30	183.30	
904.35	183.04	183.21	183.06	183.16	183.26	183.26	
907.50	183.10	183.32	183.05	183.25	183.05	183.42	183.42
907.73	183.11	183.34	183.05	183.23	183.05	183.47	183.47
916.77	183.23	183.48	183.19	183.37	183.19	183.56	183.56
920.00	183.32	183.57	183.29	183.47	183.29	183.66	183.66
928.77	183.51	183.73	183.44	183.62	183.44	183.81	183.81
940.00	183.66	183.92	183.64	183.82	183.64	184.01	184.01

EQUESTRIA BOULEVARD

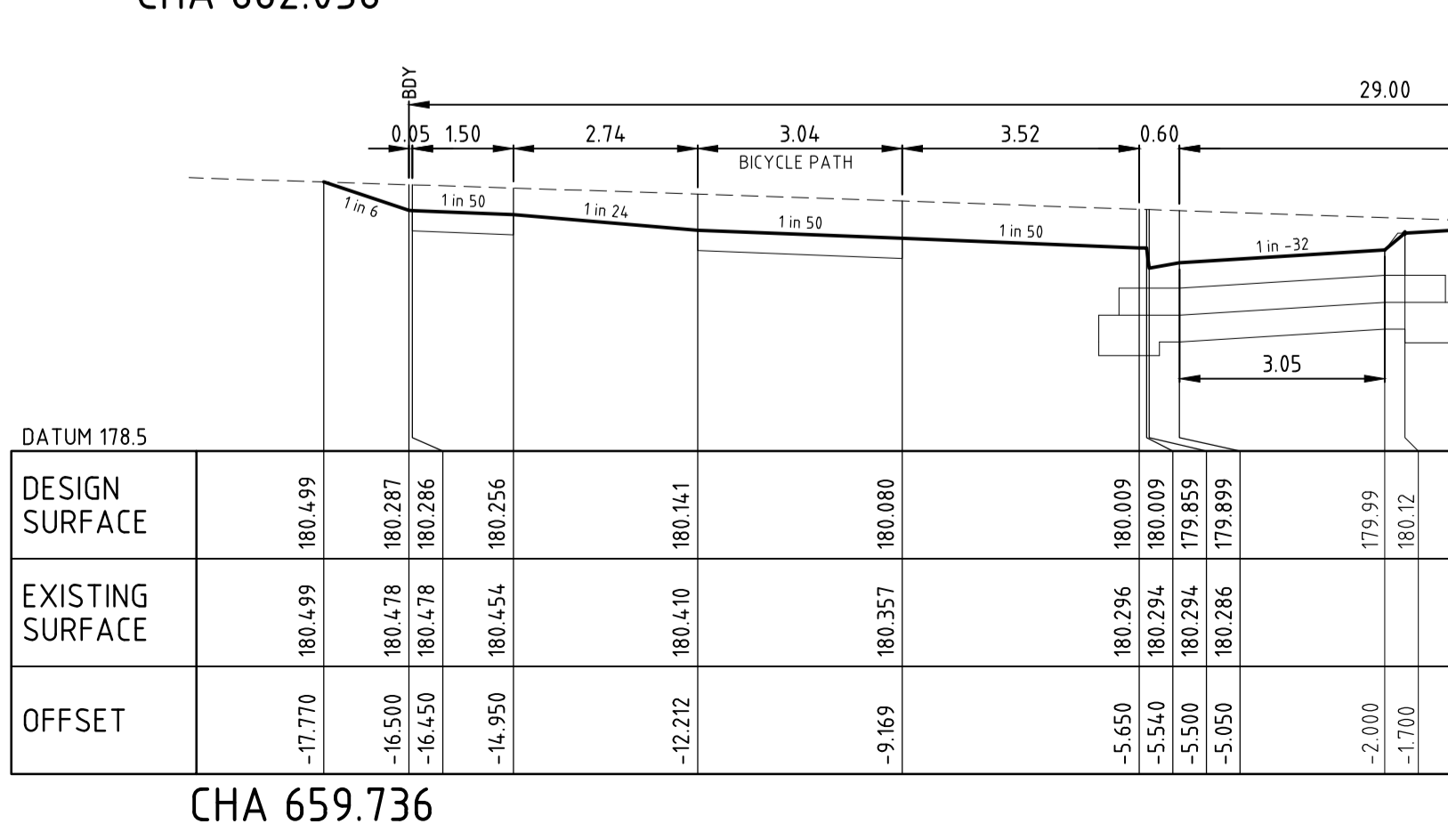
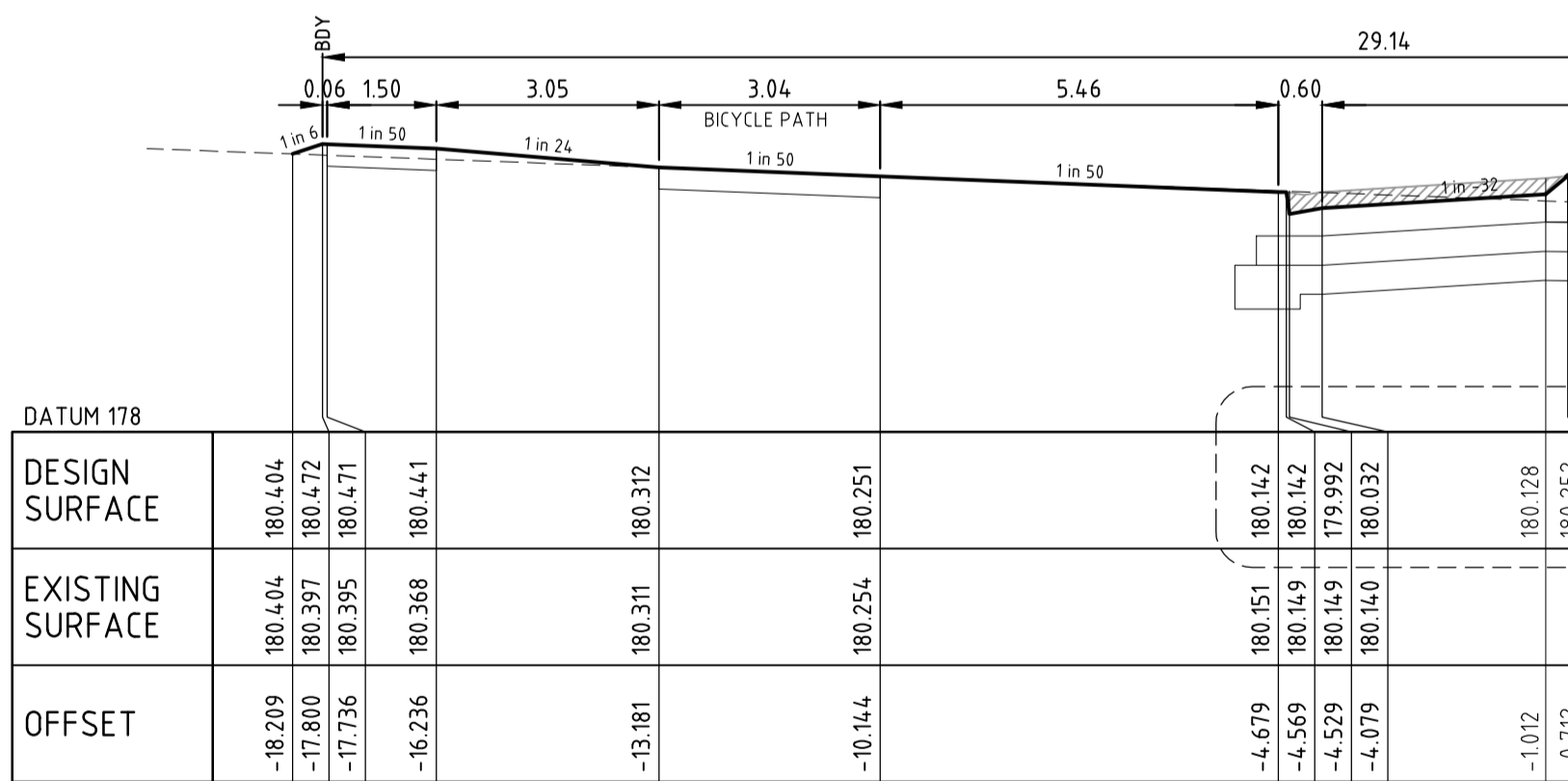
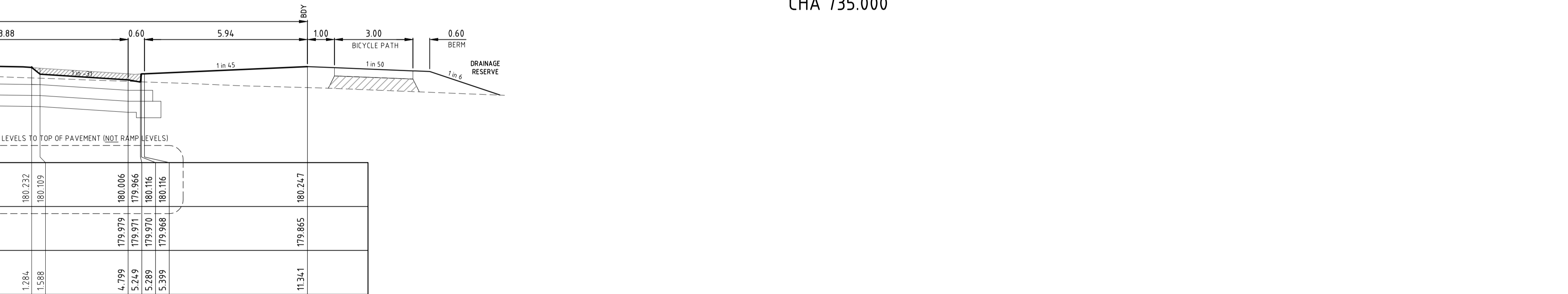
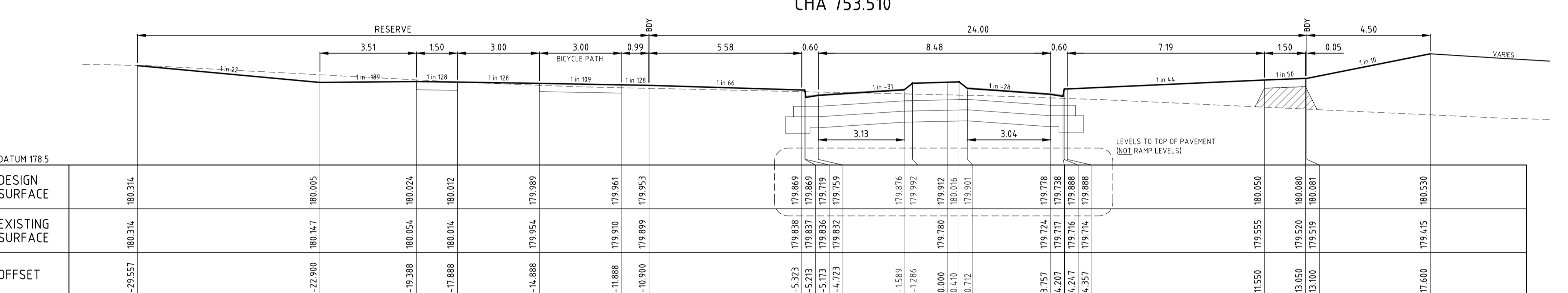
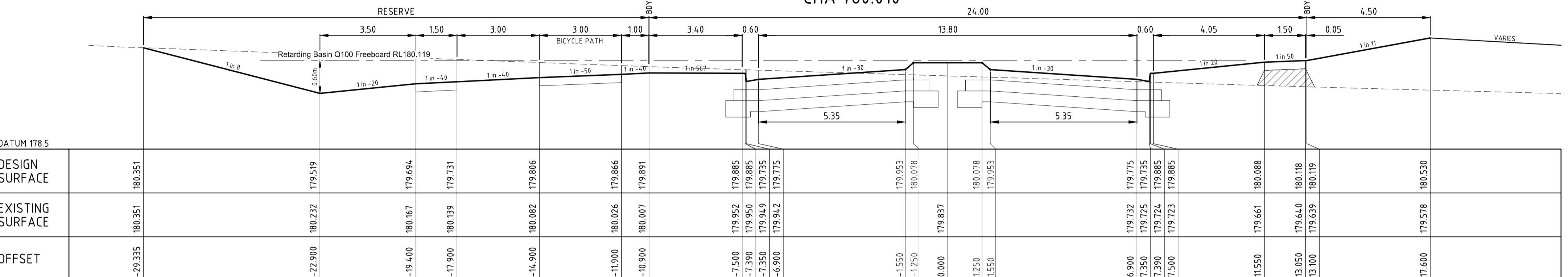
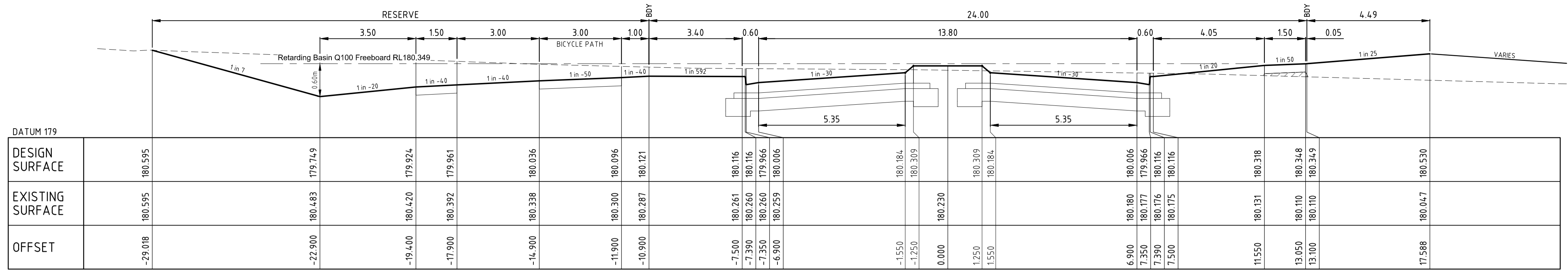


breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
MELWAY REF. 389-B-11 SURVEY BPD DESIGN DG DRAWN DG CHECKED <i>[Signature]</i>		MUNICIPALITY WHITTLESEA REFERENCE 8625 E/06
AMENDMENTS B 6/10/21 ESTATE NAME, TYP SECT (EQUESTRIA 215m/24m) DW/NDW/G OFFSETS REVISED A 10/12/19 ISSUED FOR CONSTRUCTION	SCALE As Shown DATUM AHD DATE Oct'19	SHEET 5 OF 15 B

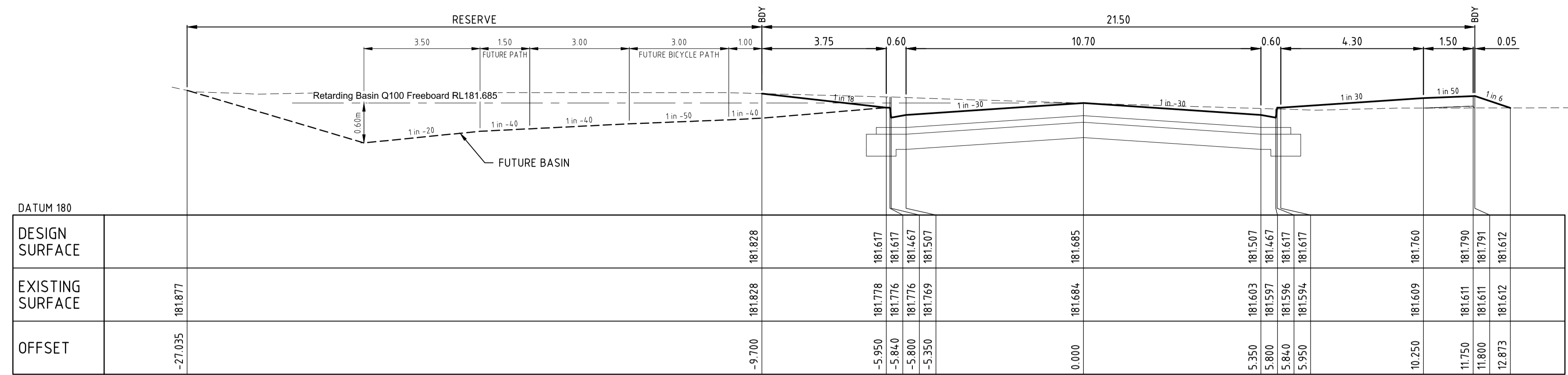
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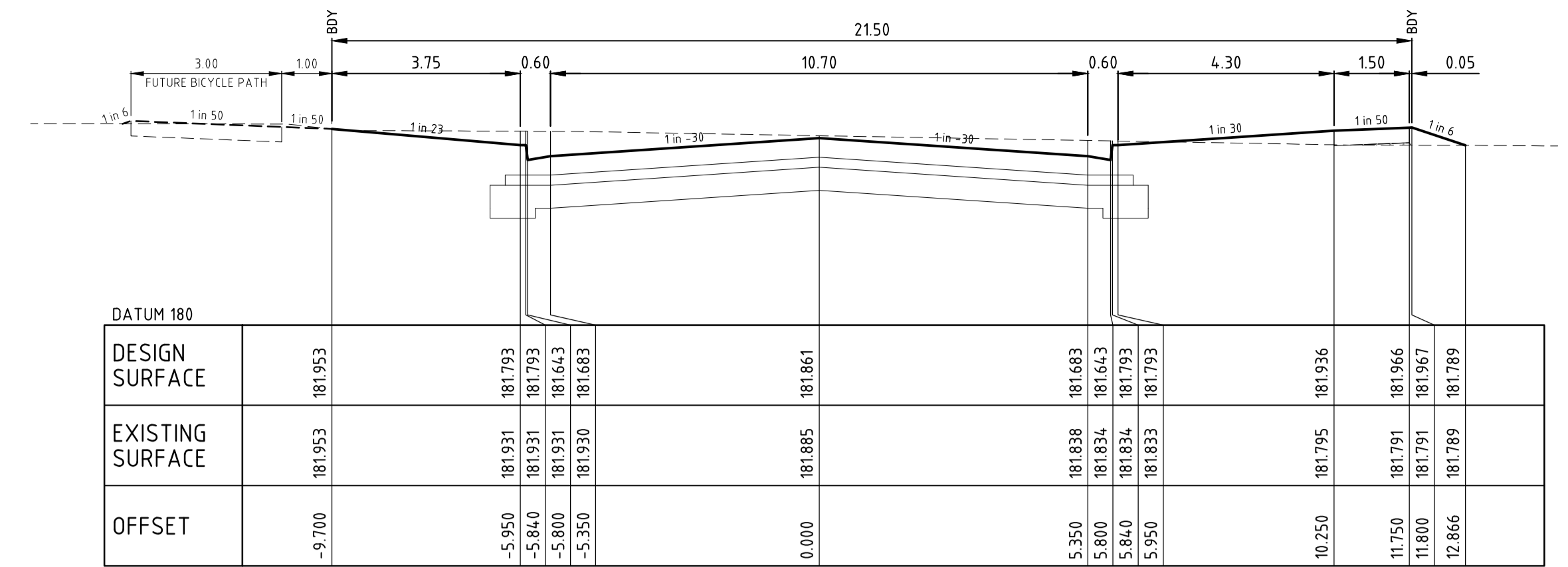
TYPE A STRUCTURAL MATERIAL (REFER NOTE 29 SHEET 2) PLACED AT 45° ANGLE OF REPOSE



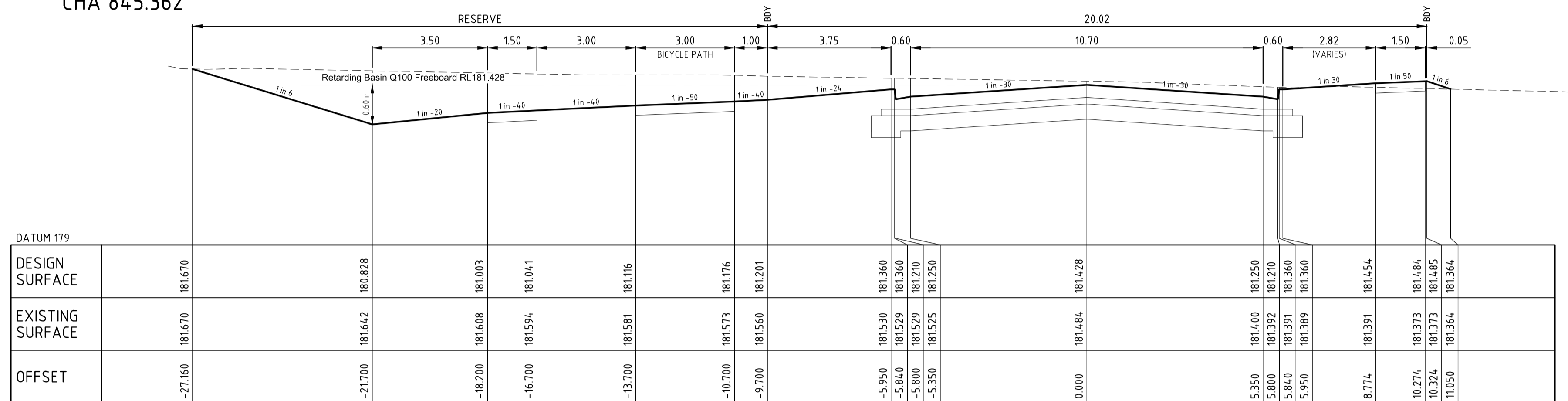
		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 389-B-11		ELLERY ESTATE STAGE 6 EQUESTRIA BOULEVARD		MUNICIPALITY WHITTLESEA	
SURVEY BPD		DESIGN DG		REFERENCE 8625 E/06	
DRAWN DG		CHECKED <i>[Signature]</i>		SCALE As Shown DATUM AHD DATE Oct'19	
AMENDMENTS	DATE	REMARKS	CHECKED	SHEET 6 OF 15	B



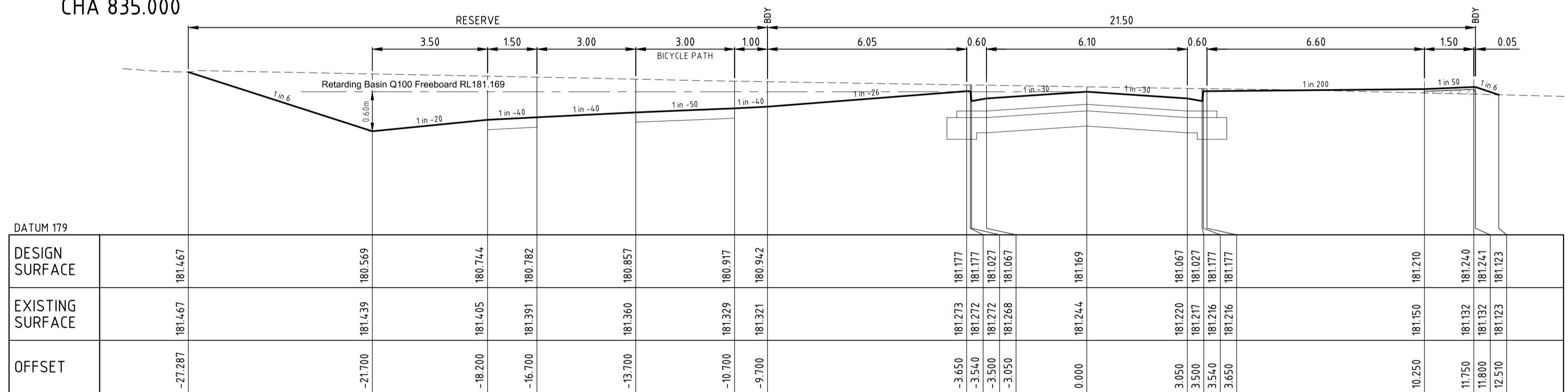
CHA 845.362



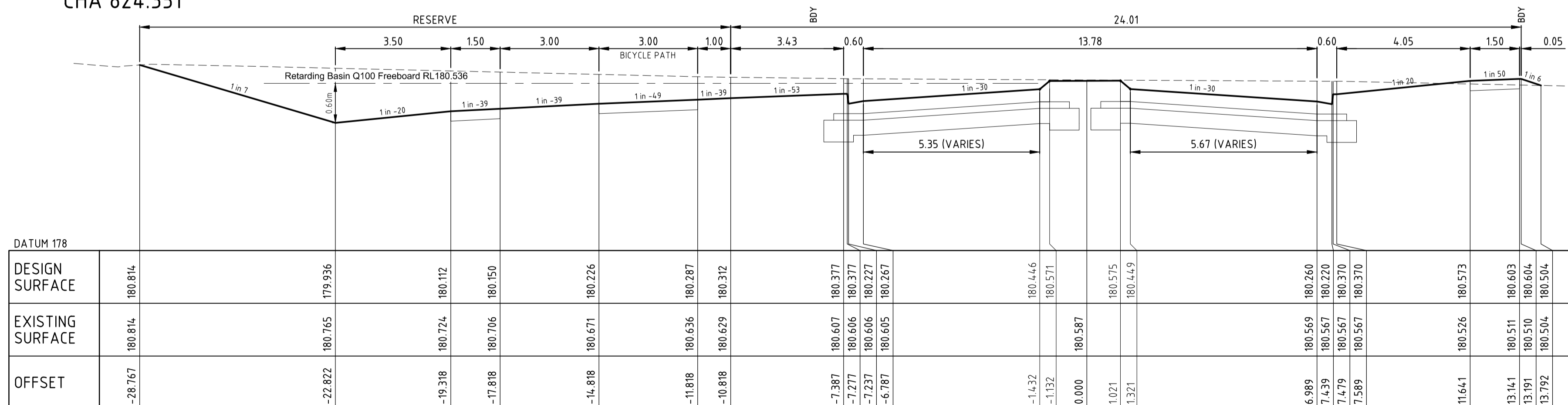
CHA 852.351



CHA 835.000



CHA 824.351



CHA 795.450

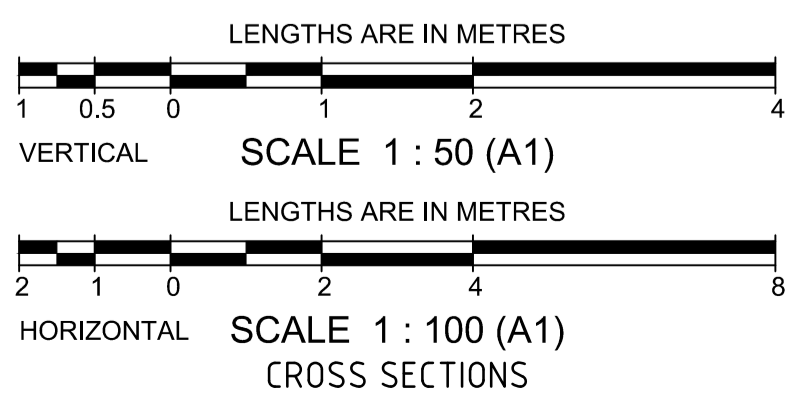
CROSS SECTIONS (Rd10)

H 1:100 V 1:50

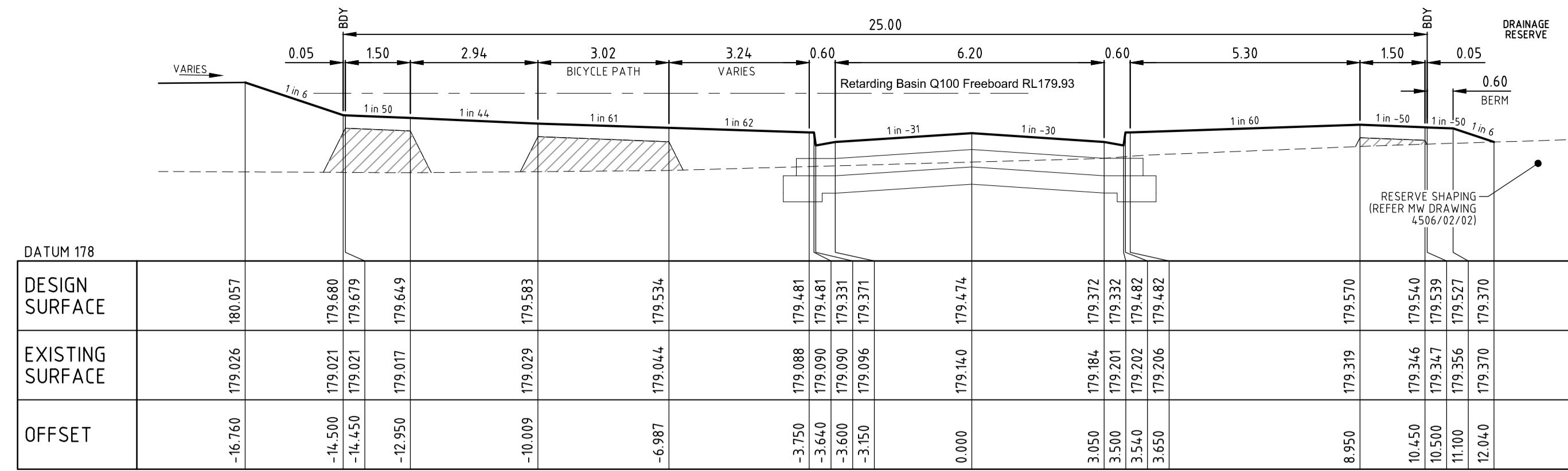
EQUESTRIA BOULEVARD



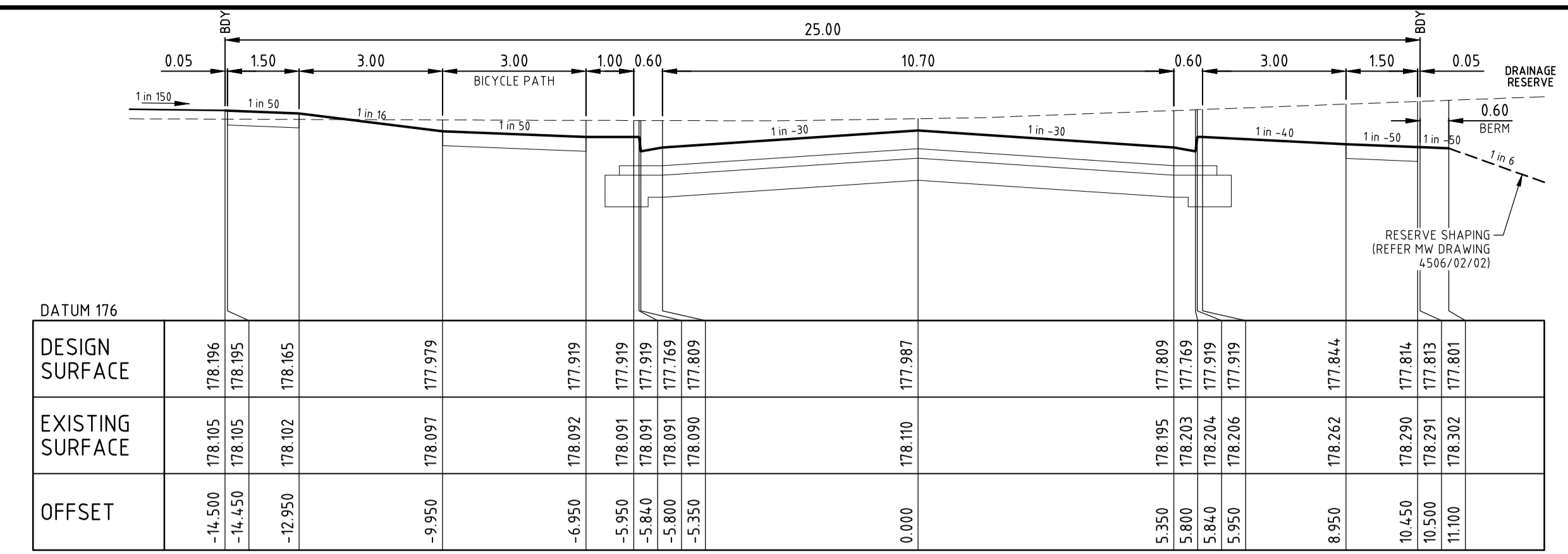
TYPE A STRUCTURAL MATERIAL
(REFER NOTE 29 SHEET 2) PLACED
AT 45° ANGLE OF REPOSE



		breese pitt dixon pty. ltd. land surveyors civil engineers		1/9 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 389-B-11		SURVEY BPD		MUNICIPALITY WHITTLESEA	
DESIGN DG		DRAWN DG		REFERENCE 8625 E/06	
CHECKED <i>[Signature]</i>		SCALE As Shown		DATUM AHD	
DATE 5/10/21		REMARKS ESTATE NAME REVISED		DATE Oct'19	
DATE 10/12/19		REMARKS ISSUED FOR CONSTRUCTION		SHEET 7 OF 15	
VER.		REMARKS		B	

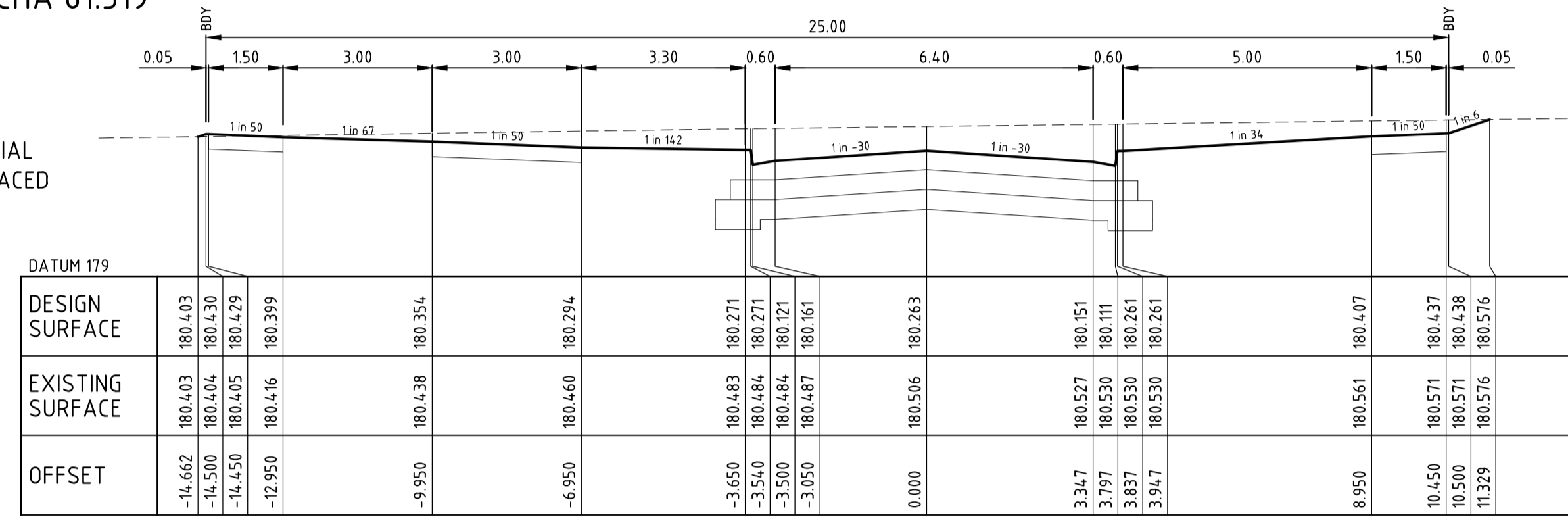


CHA 61.319

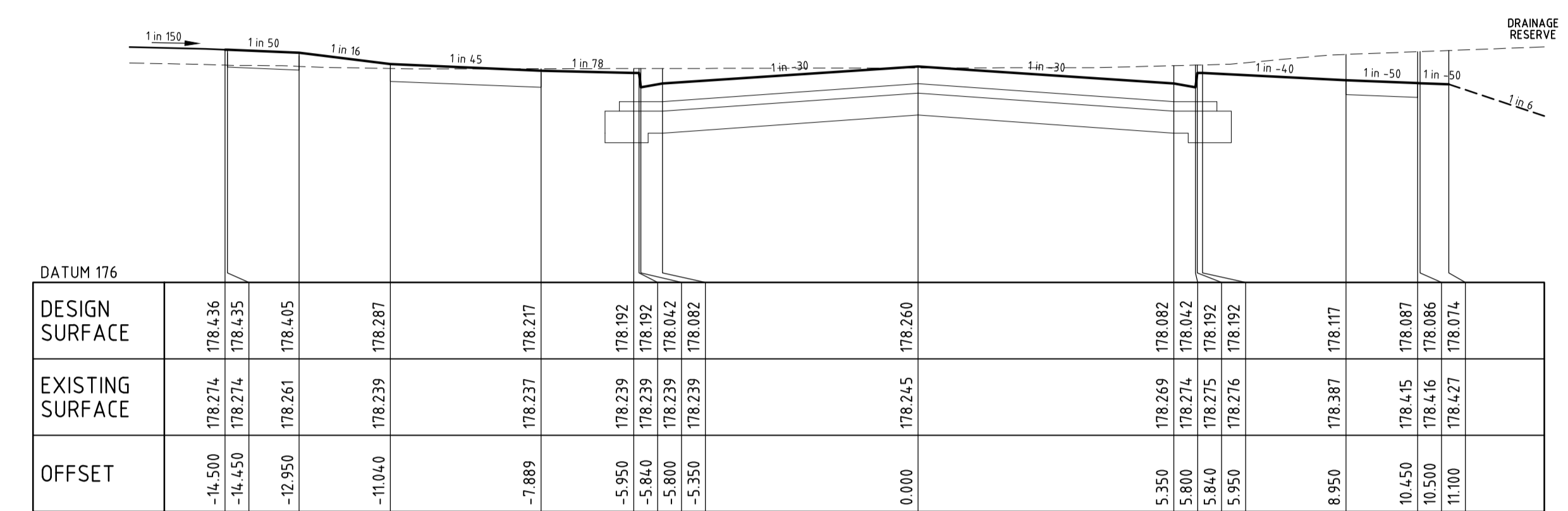


CHA 140.660

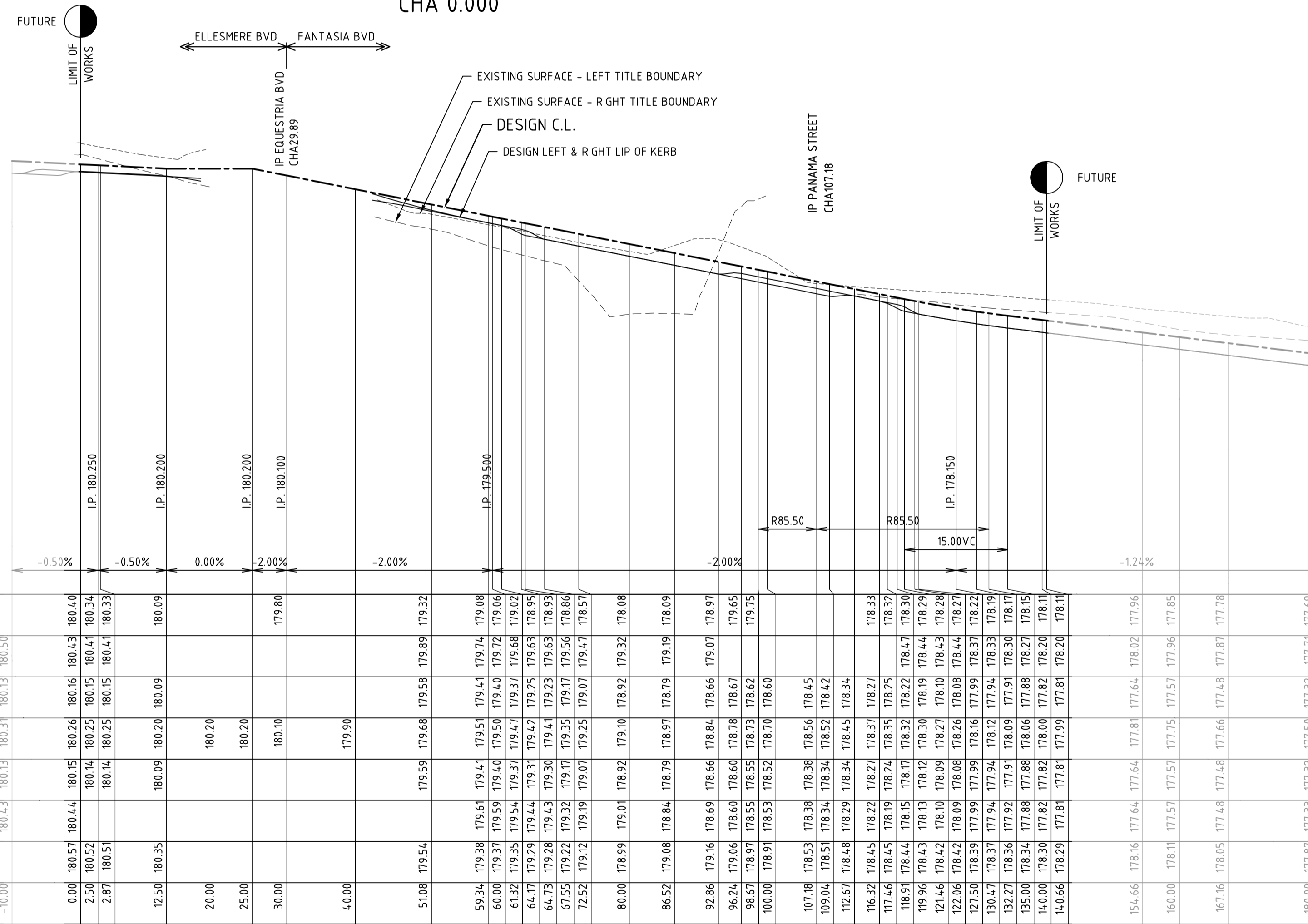
TYPE A STRUCTURAL MATERIAL (REFER NOTE 29 SHEET 2) PLACED AT 45° ANGLE OF REPOSE



CHA 0.000



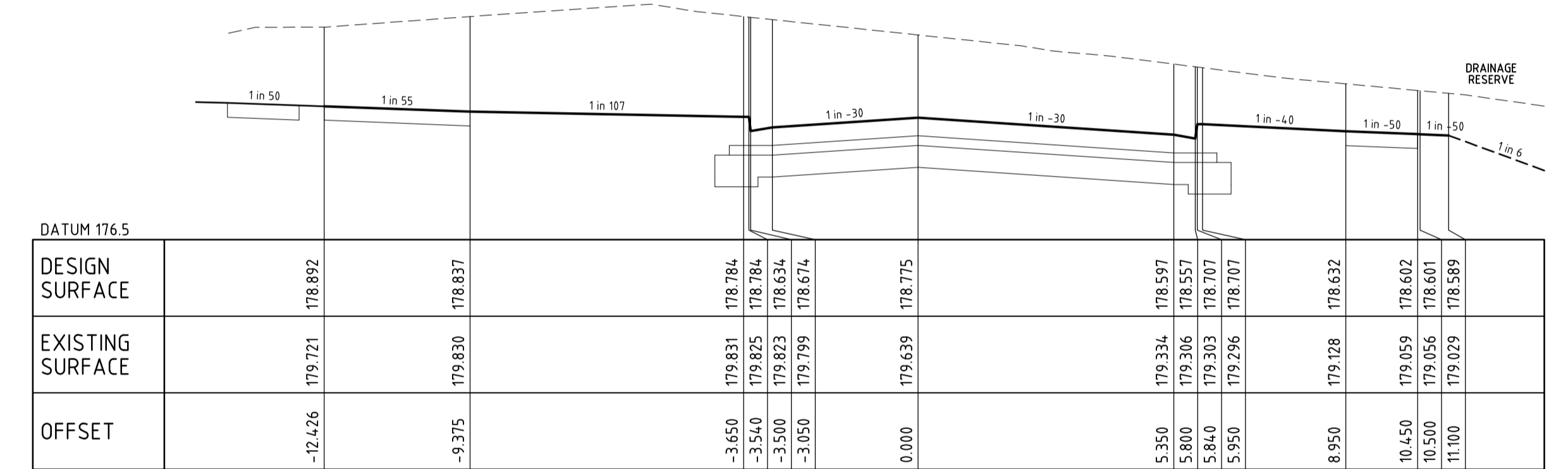
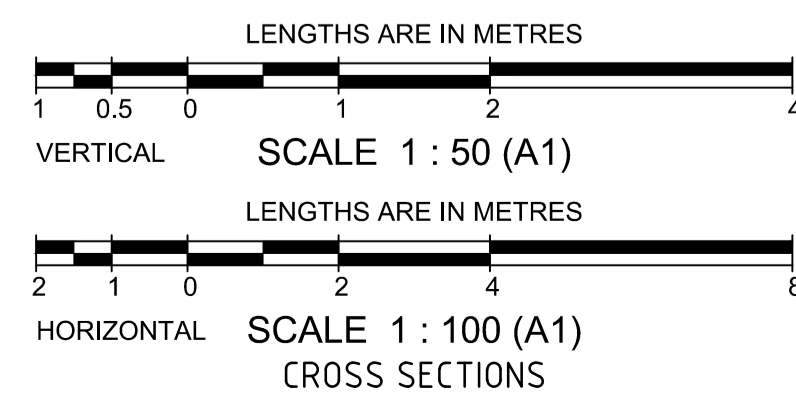
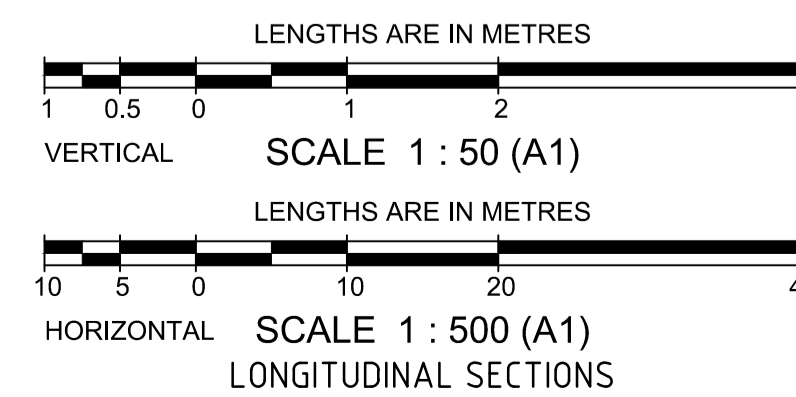
CHA 122.061



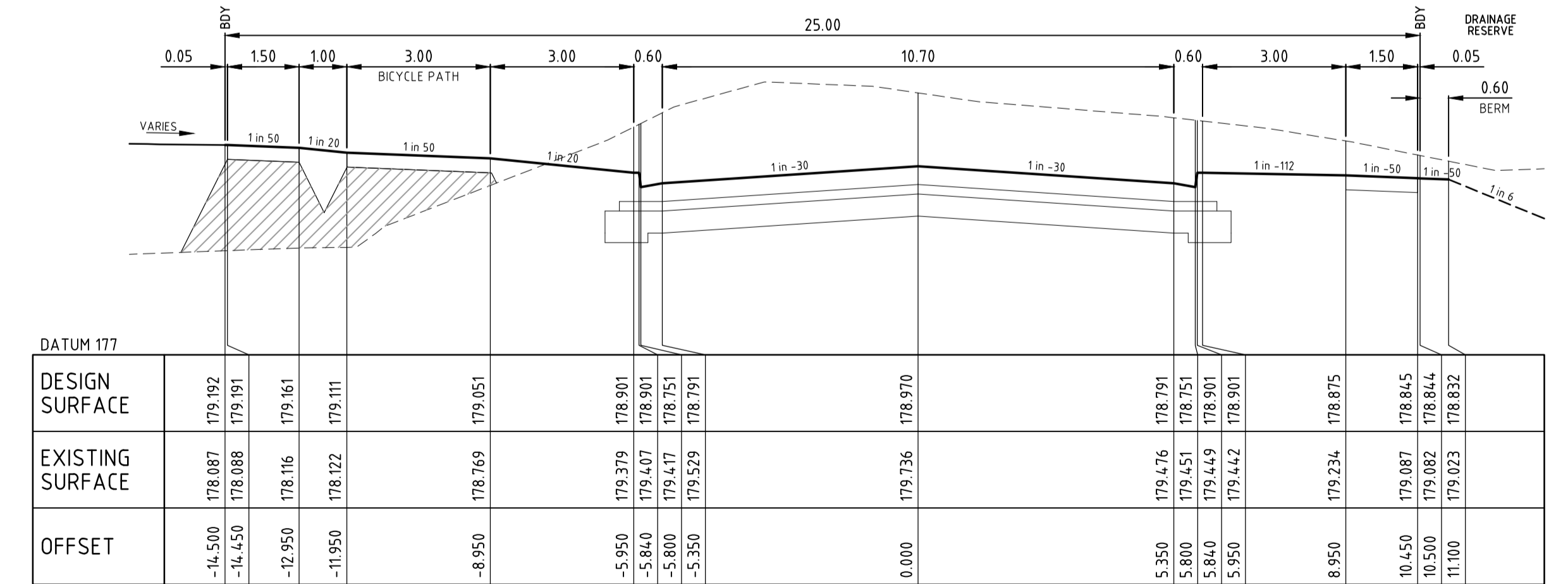
LONGITUDINAL SECTION (Rd12)

H 1:500 V 1:50

ELLESMERE & FANTASIA BOULEVARD

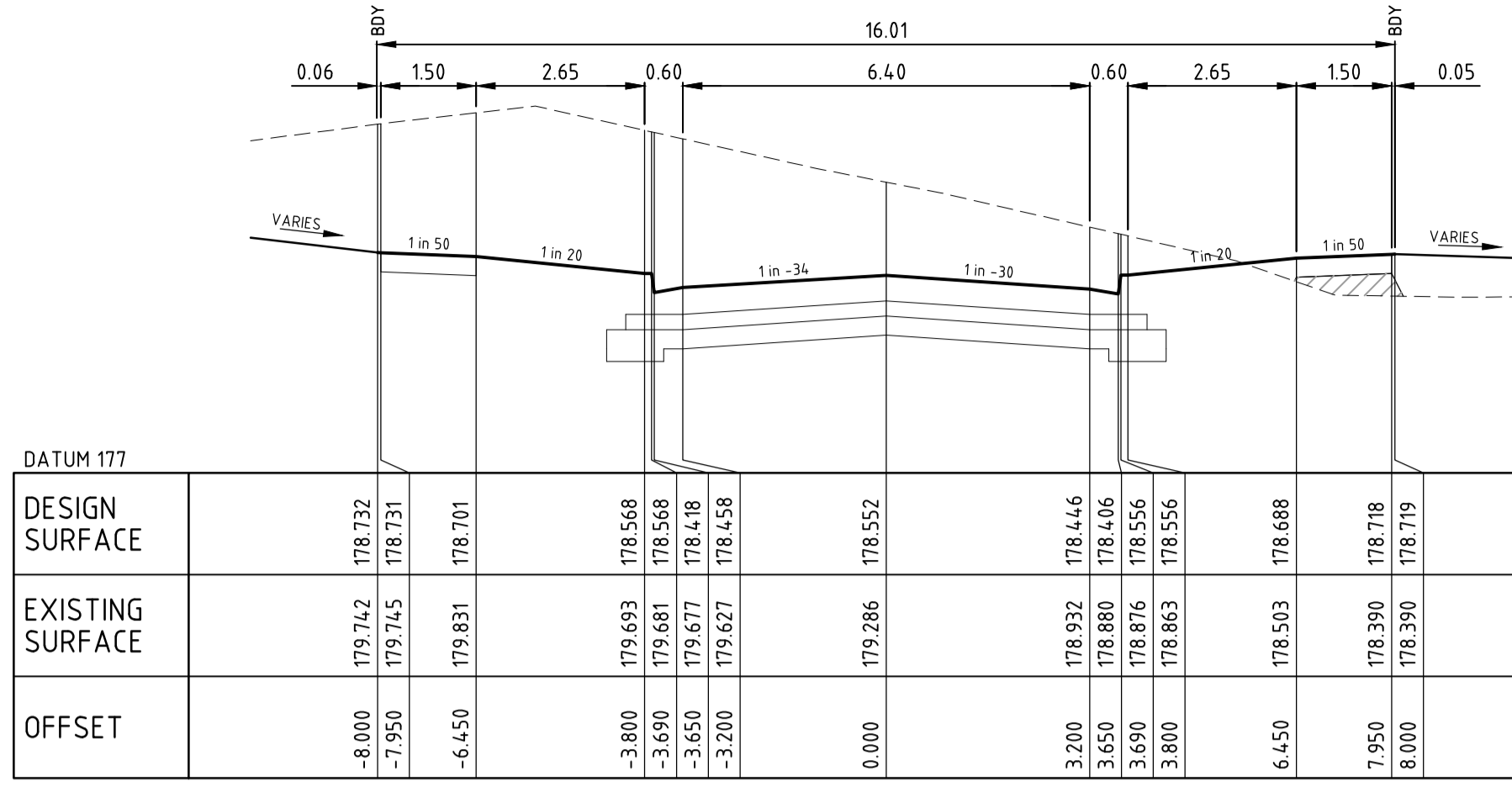


CHA 96.238



CHA 86.520

		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
MELWAY REF. 389-B-11 SURVEY BPD DESIGN DG DRAWN DG CHECKED <i>[Signature]</i>		ELLERY ESTATE STAGE 6 ELLESMERE & FANTASIA BOULEVARD		MUNICIPALITY WHITTLESEA REFERENCE 8625 E/06
AMENDMENTS B 5/10/21 ESTATE NAME REVISED A 10/12/19 ISSUED FOR CONSTRUCTION	DATE 5/10/21 10/12/19	REMARKS ESTATE NAME REVISED ISSUED FOR CONSTRUCTION	SCALE As Shown DATUM AHD DATE Oct'19	SHEET 8 OF 15 B

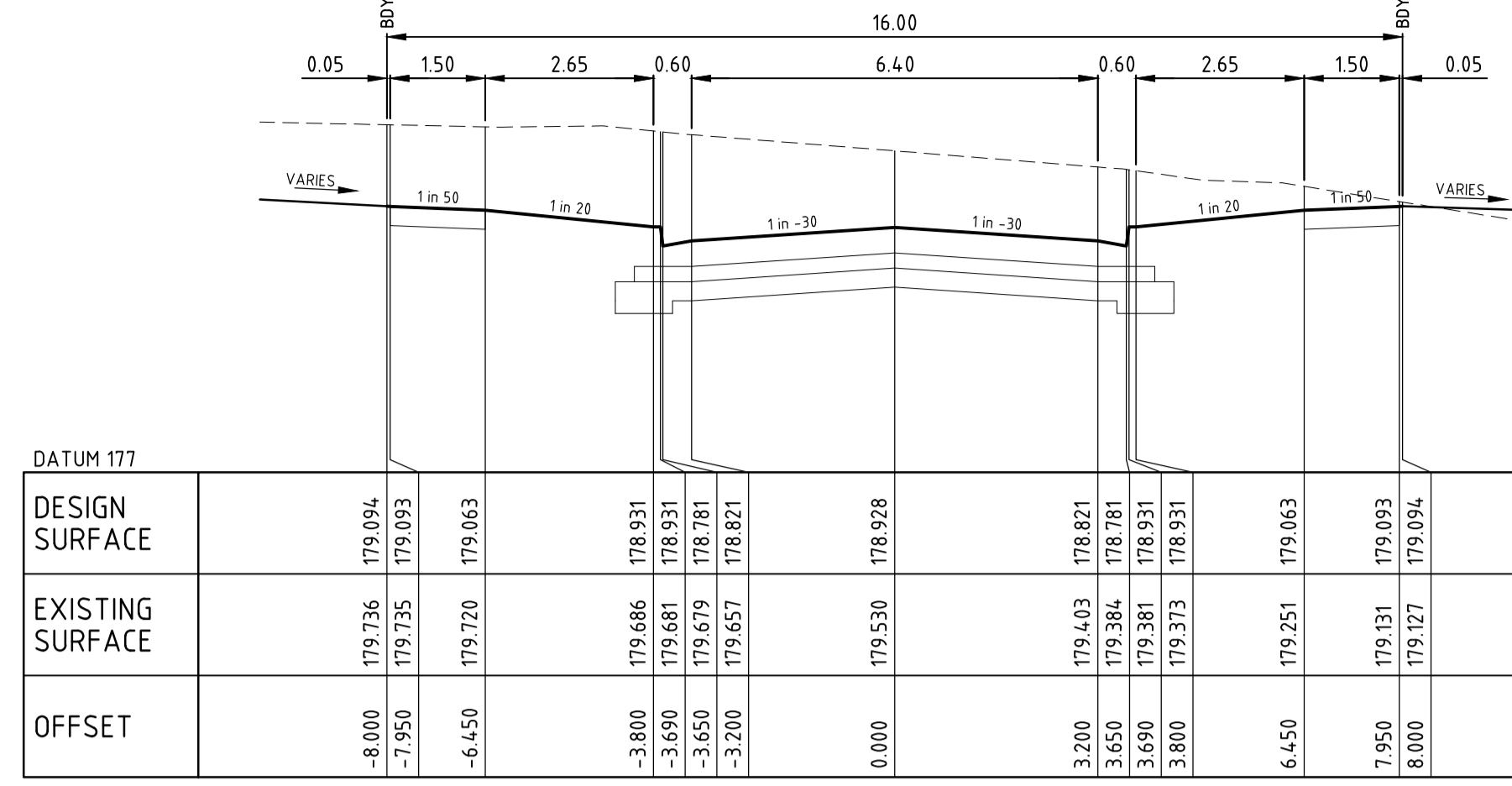


CHA 20.012

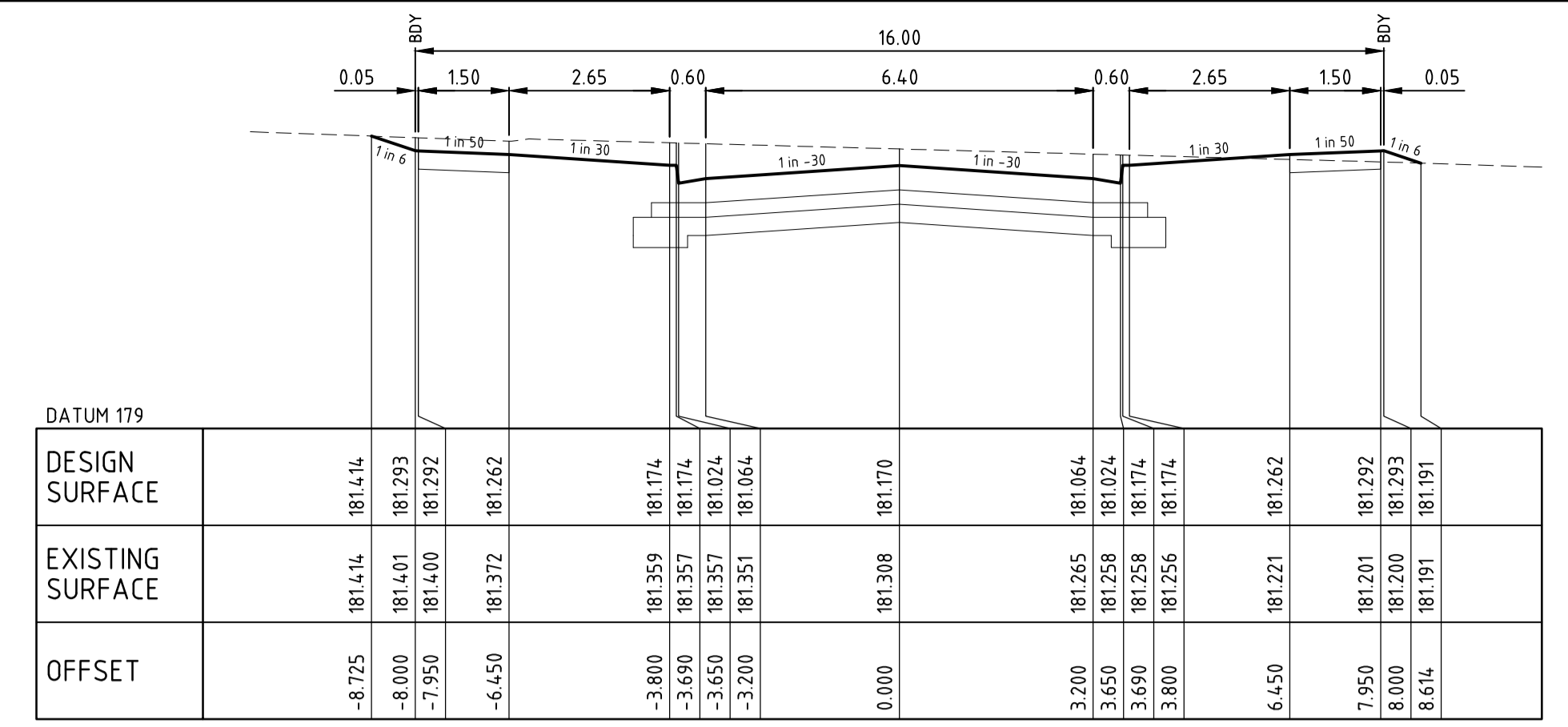
CROSS SECTIONS (Rd14)

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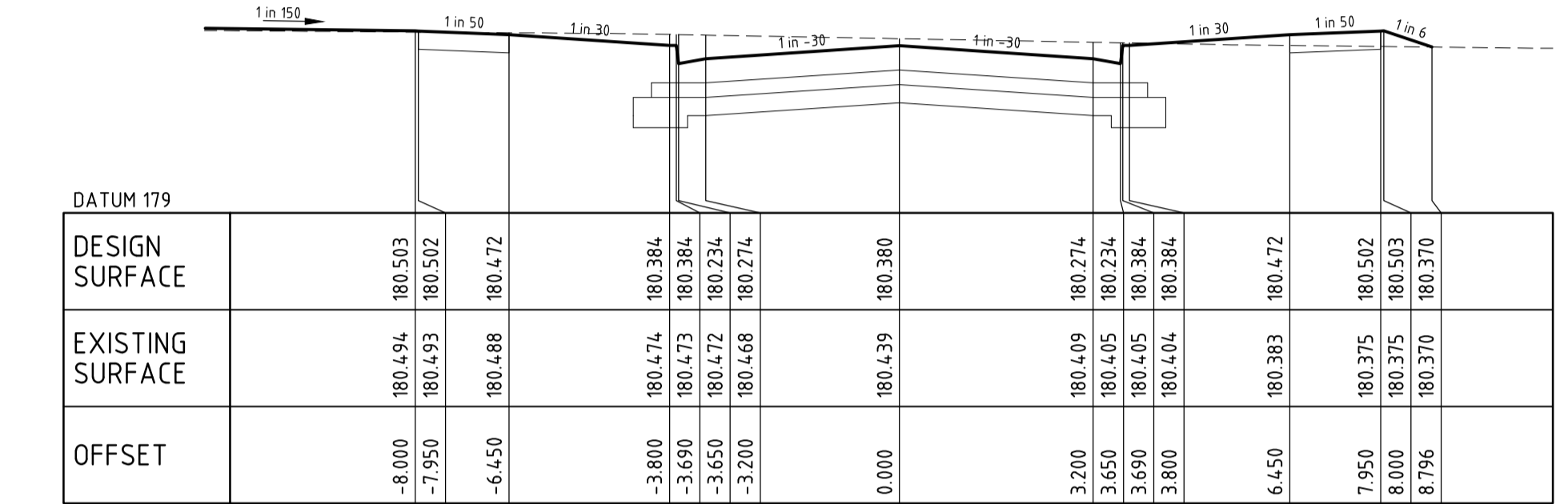
TYPE A STRUCTURAL MATERIAL (REFER NOTE 29 SHEET 2) PLACED AT 45° ANGLE OF REPOSE



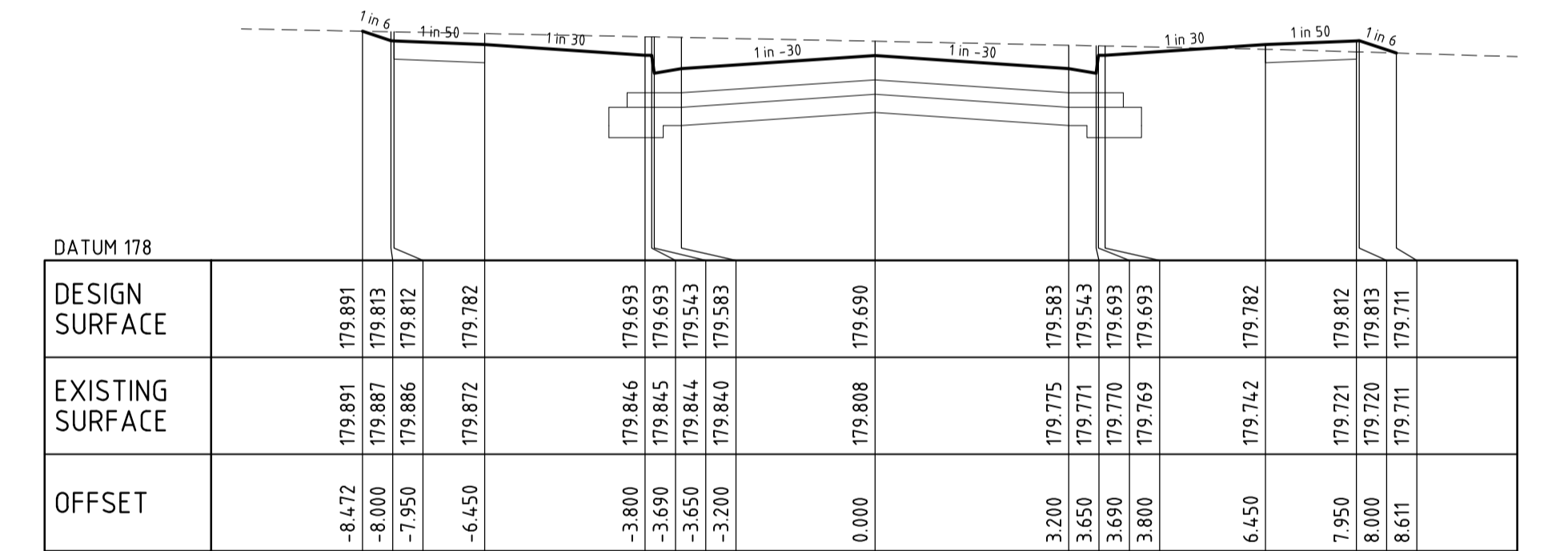
CHA 46.360



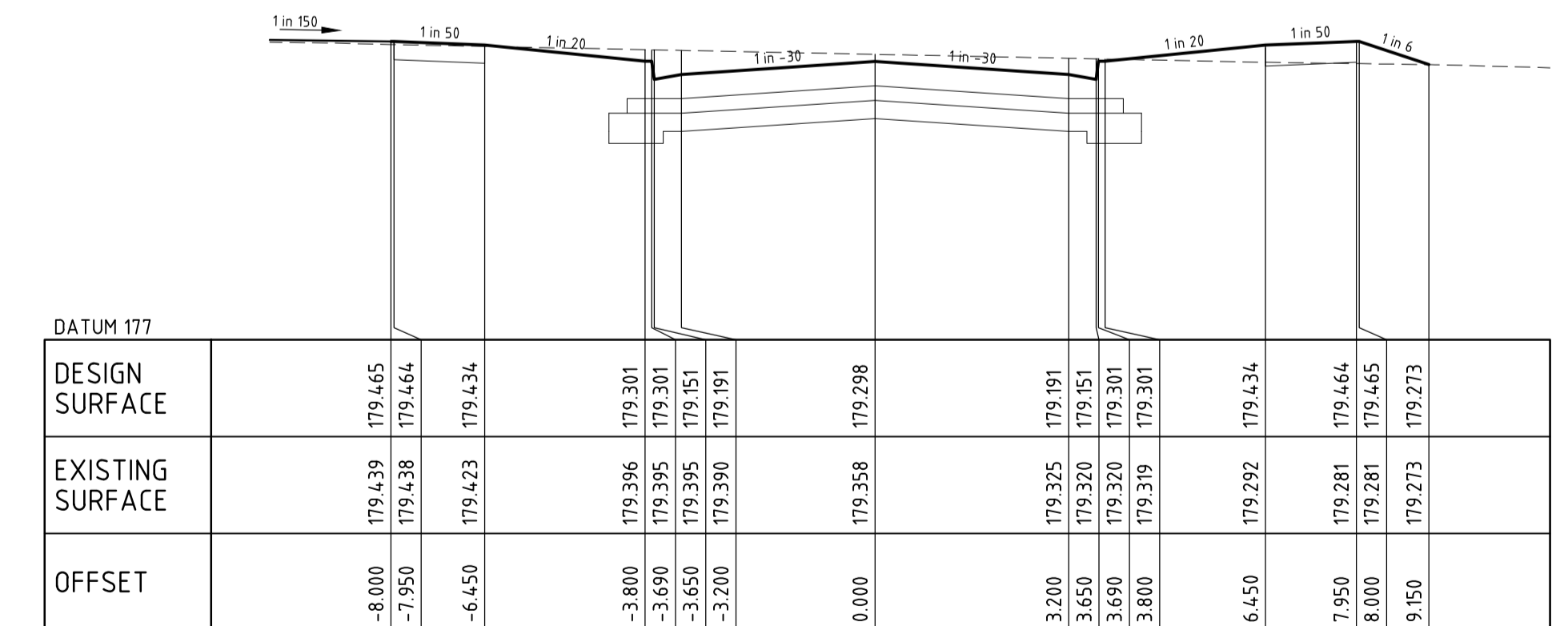
CHA 159.010



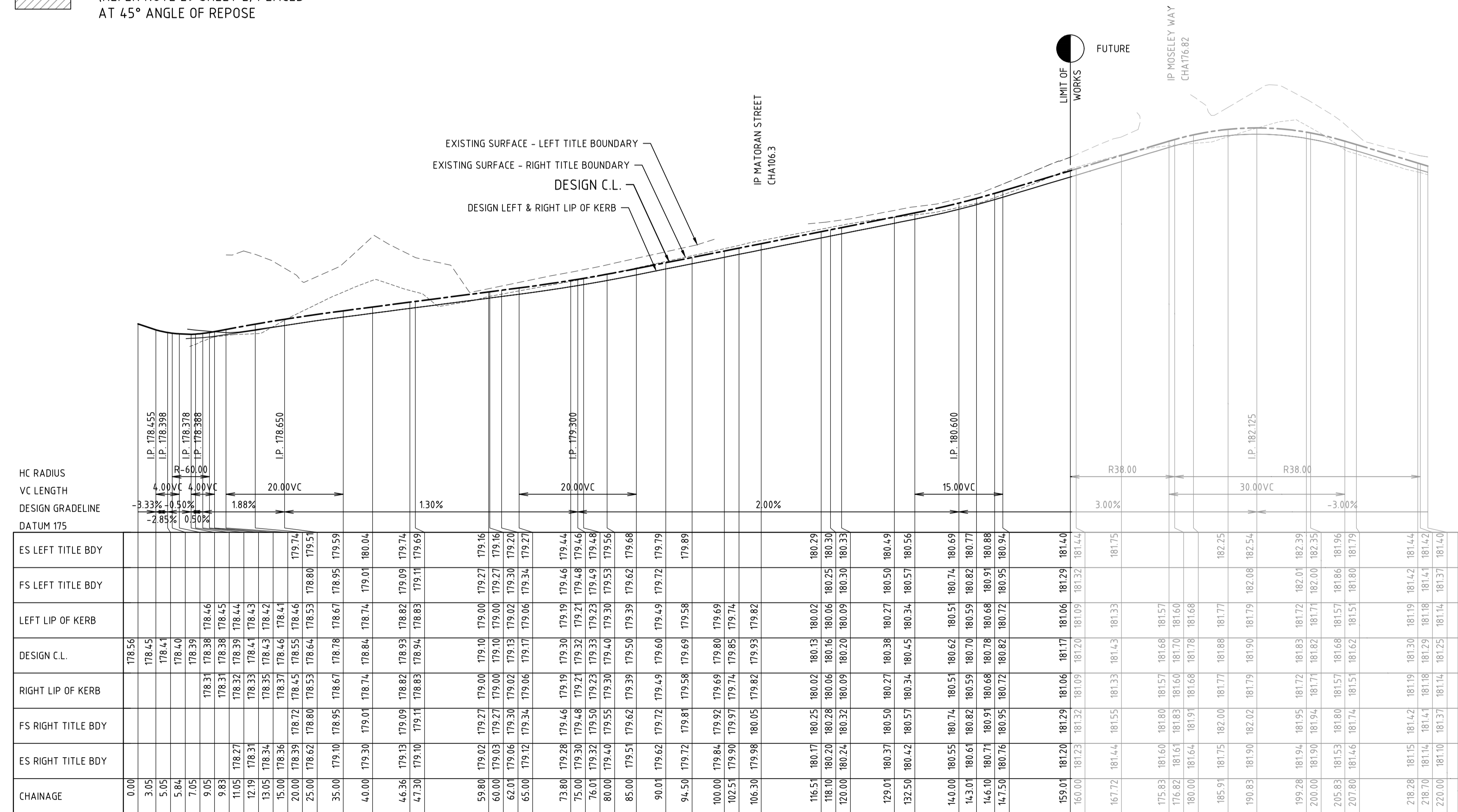
CHA 129.010



CHA 94.498



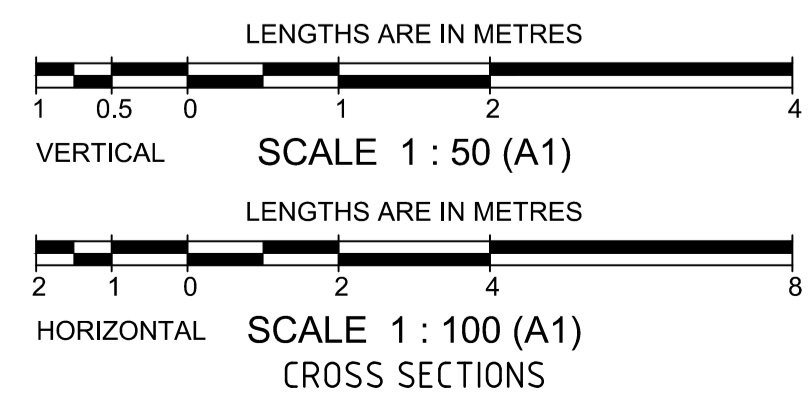
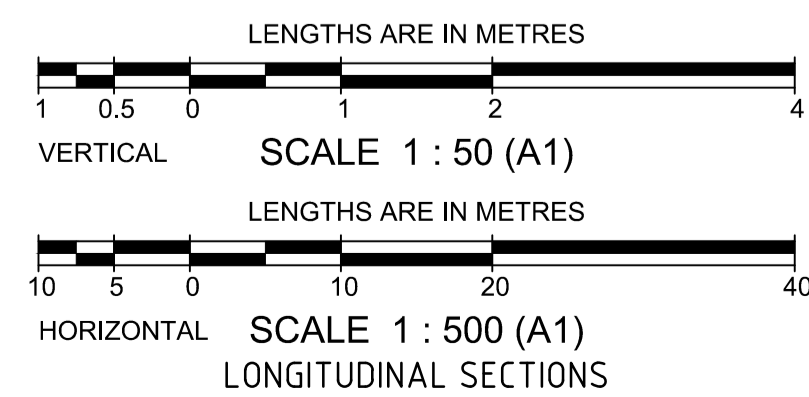
CHA 73.800



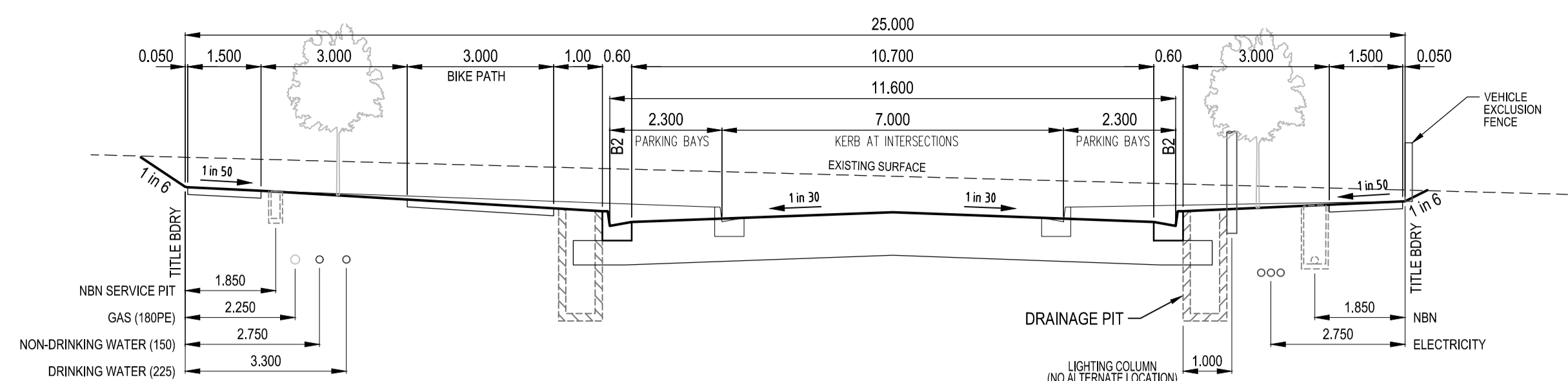
LONGITUDINAL SECTION (Rd14)

H 1:500 V 1:50

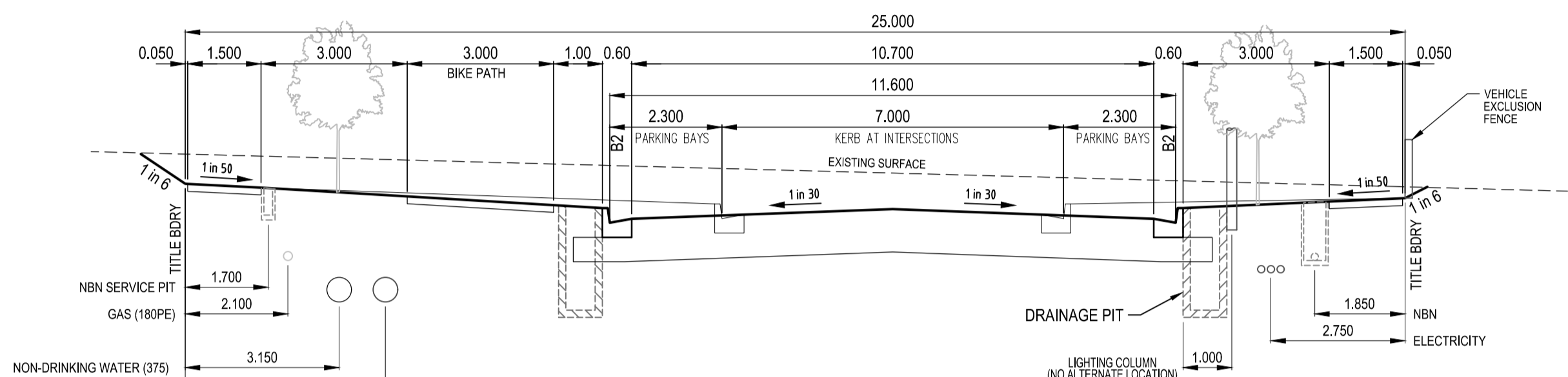
PANAMA STREET



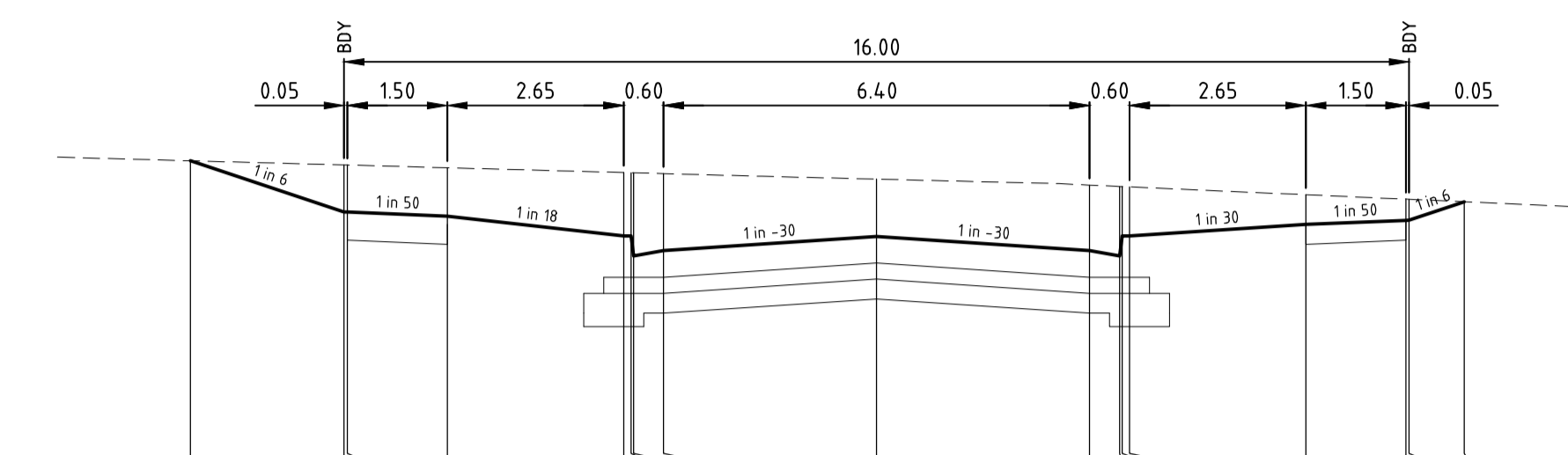
		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
MELWAY REF: 389-B-11 SURVEY: BPD DESIGN: DG DRAWN: DG CHECKED: <i>[Signature]</i>		ELLERY ESTATE STAGE 6 PANAMA STREET		MUNICIPALITY: WHITTLESEA REFERENCE: 8625 E/06
AMENDMENTS: B 5/10/21 ESTATE NAME REVISED A 10/12/19 ISSUED FOR CONSTRUCTION	DATE: 10/12/19 REMARKS:	SCALE: As Shown DATUM: AHD DATE: Oct'19	SHEET: 9 OF 15 B	PROJECT: T:\Projects\BPD\8625 Mystique\CAD\Drawings\Stage 06\8625_E06_R05-10_LS-XS.dwg (R09)



FANTASIA BOULEVARD
CONNECTOR STREET (25m)

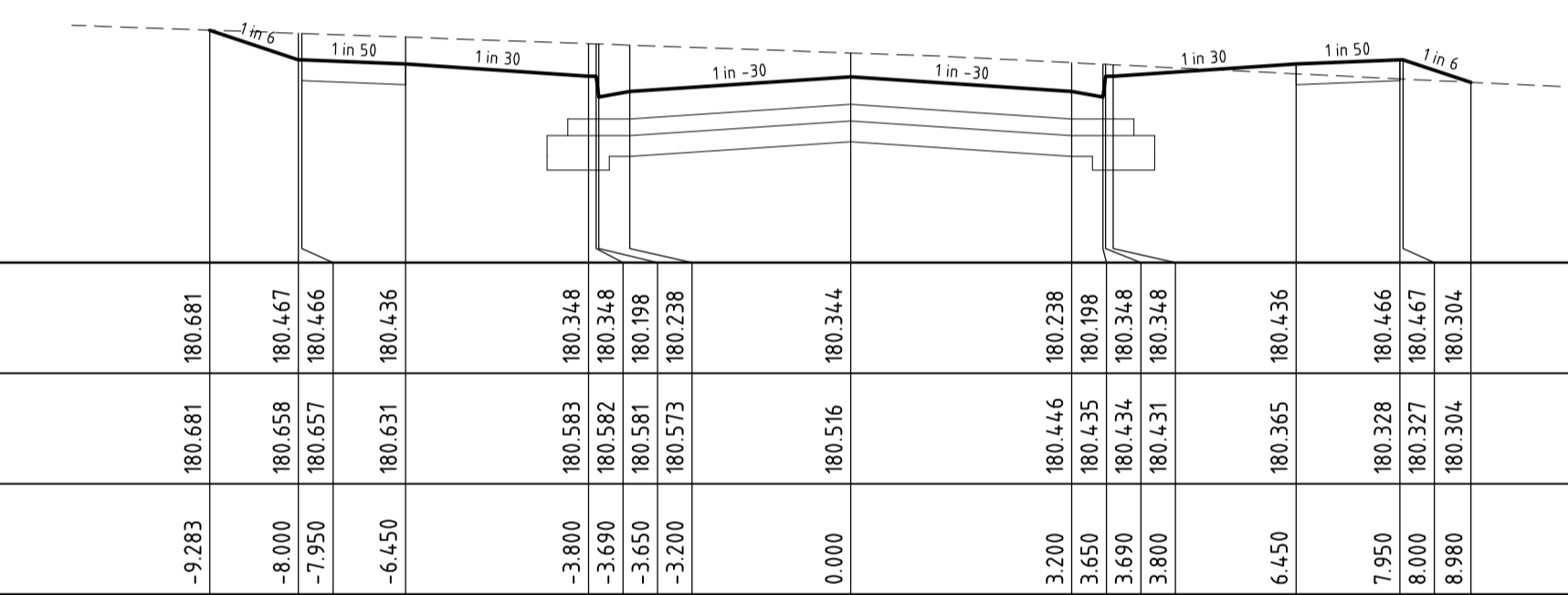


ELLESMERE BOULEVARD
CONNECTOR STREET (25m)



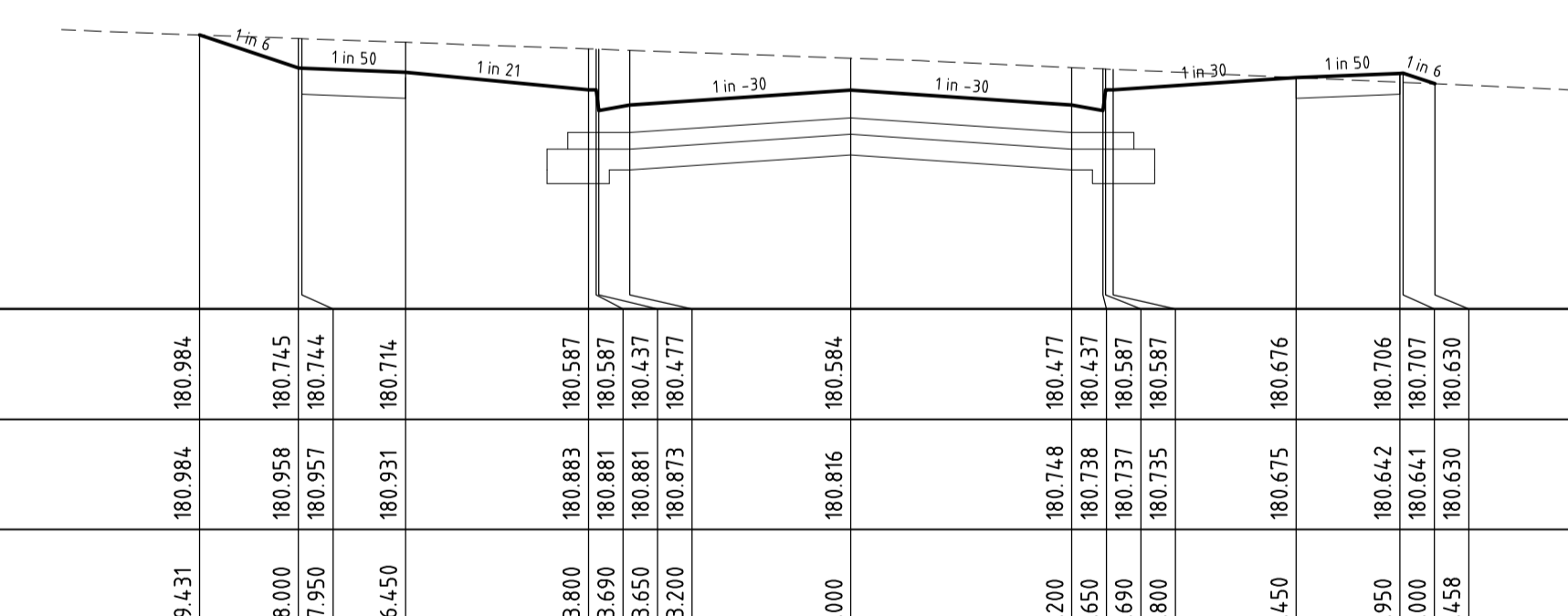
DATUM 178	
DESIGN SURFACE	180.298, 179.914, 179.913, 179.883, 179.733, 179.733, 179.583, 179.583, 179.623, 179.729, 179.673, 179.673, 179.851, 179.852, 179.990
EXISTING SURFACE	180.298, 180.267, 180.266, 180.246, 180.210, 180.208, 180.208, 180.202, 180.202, 180.160, 180.115, 180.105, 180.104, 180.102, 180.043, 180.010, 180.009, 179.990
OFFSET	-10.307, -8.000, -7.950, -6.450, -3.800, -3.690, -3.650, -3.200, 0.000, 3.200, 3.650, 3.690, 3.800, 6.450, 7.950, 8.000, 8.830

CHA 68.017



DATUM 179	
DESIGN SURFACE	180.681, 180.467, 180.466, 180.436, 180.348, 180.348, 180.198, 180.198, 180.344, 180.238, 180.198, 180.198, 180.348, 180.348, 180.436, 180.466, 180.304
EXISTING SURFACE	180.681, 180.658, 180.657, 180.631, 180.583, 180.582, 180.581, 180.573, 180.516, 180.446, 180.435, 180.434, 180.431, 180.385, 180.328, 180.327, 180.304
OFFSET	-9.283, -8.000, -7.950, -6.450, -3.800, -3.690, -3.650, -3.200, 0.000, 3.200, 3.650, 3.690, 3.800, 6.450, 7.950, 8.000, 8.980

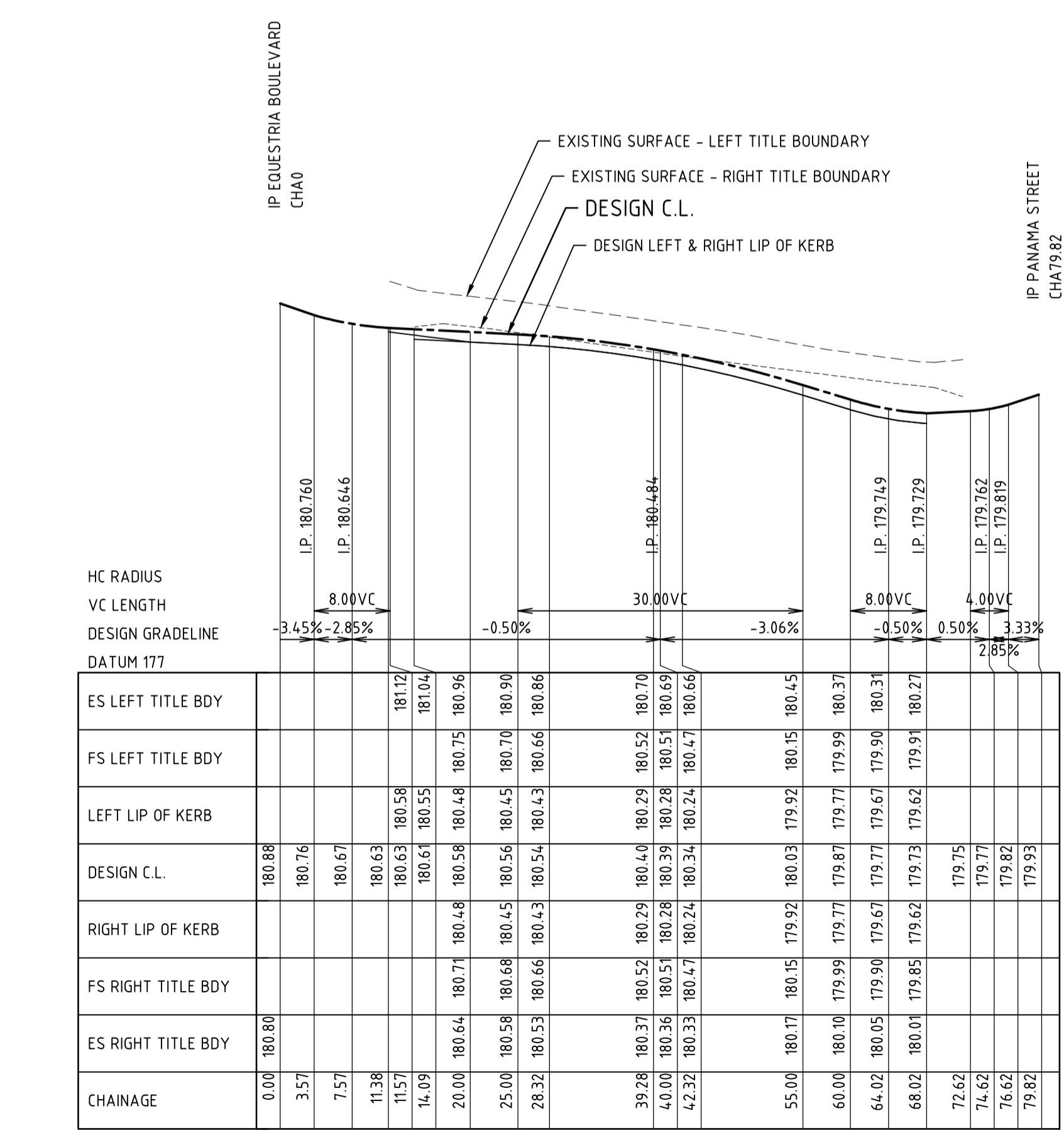
CHA 42.320



DATUM 179	
DESIGN SURFACE	180.984, 180.745, 180.744, 180.714, 180.587, 180.587, 180.437, 180.437, 180.584, 180.477, 180.437, 180.587, 180.587, 180.676, 180.706, 180.707, 180.630
EXISTING SURFACE	180.984, 180.958, 180.957, 180.931, 180.883, 180.881, 180.881, 180.873, 180.816, 180.748, 180.738, 180.737, 180.735, 180.675, 180.642, 180.641, 180.630
OFFSET	-9.431, -8.000, -7.950, -6.450, -3.800, -3.690, -3.650, -3.200, 0.000, 3.200, 3.650, 3.690, 3.800, 6.450, 7.950, 8.000, 8.458

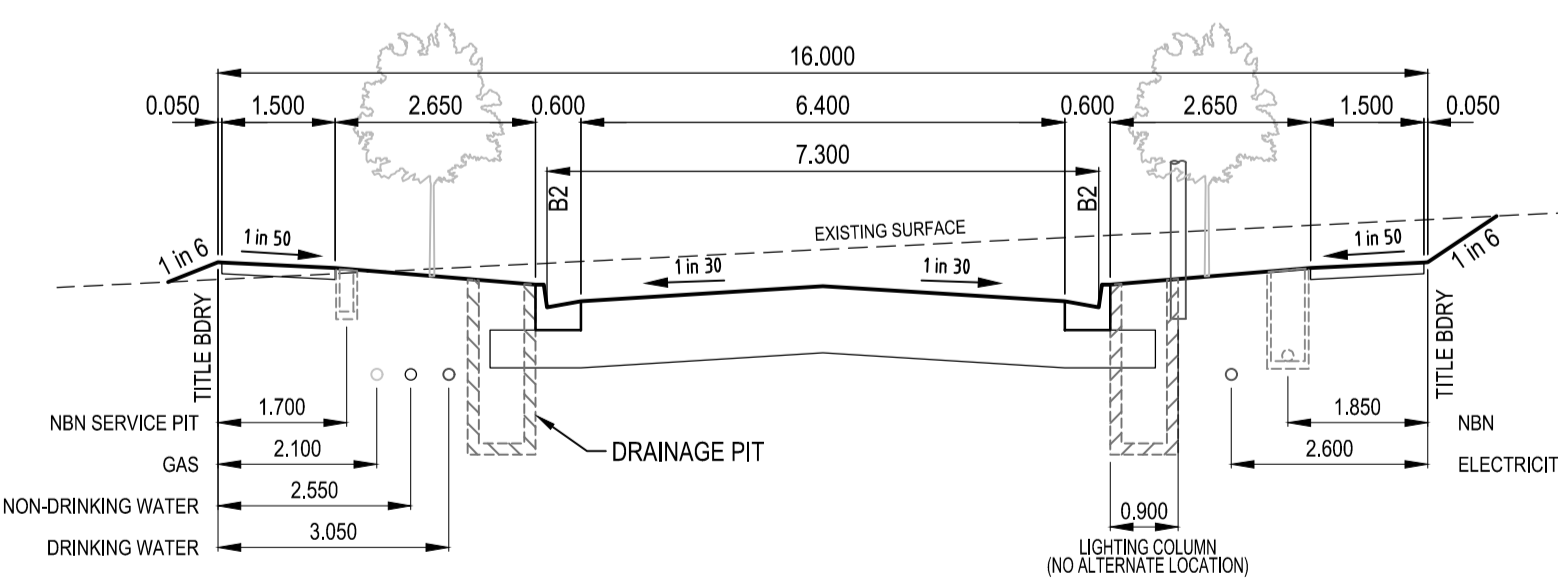
CHA 20.000

CROSS SECTIONS (Rd15)
H 1:100 V 1:50

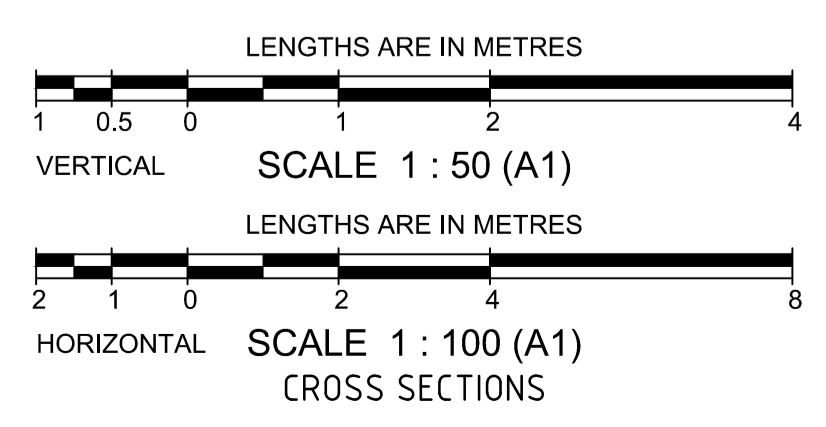
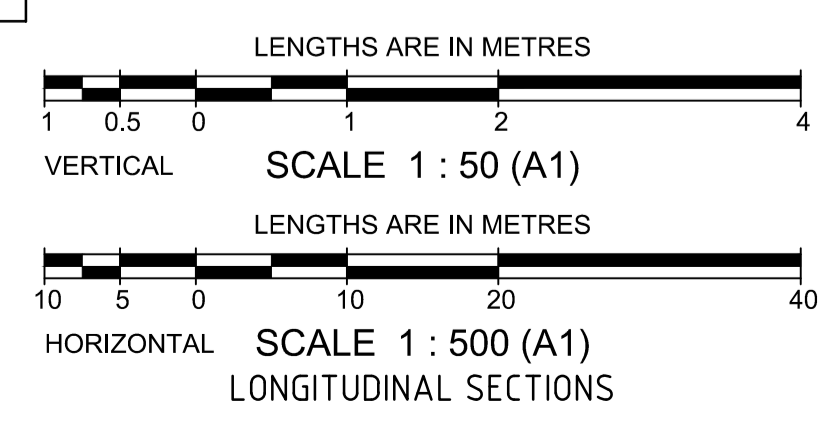


LONGITUDINAL SECTION (Rd15)
H 1:500 V 1:50

MATORAN STREET

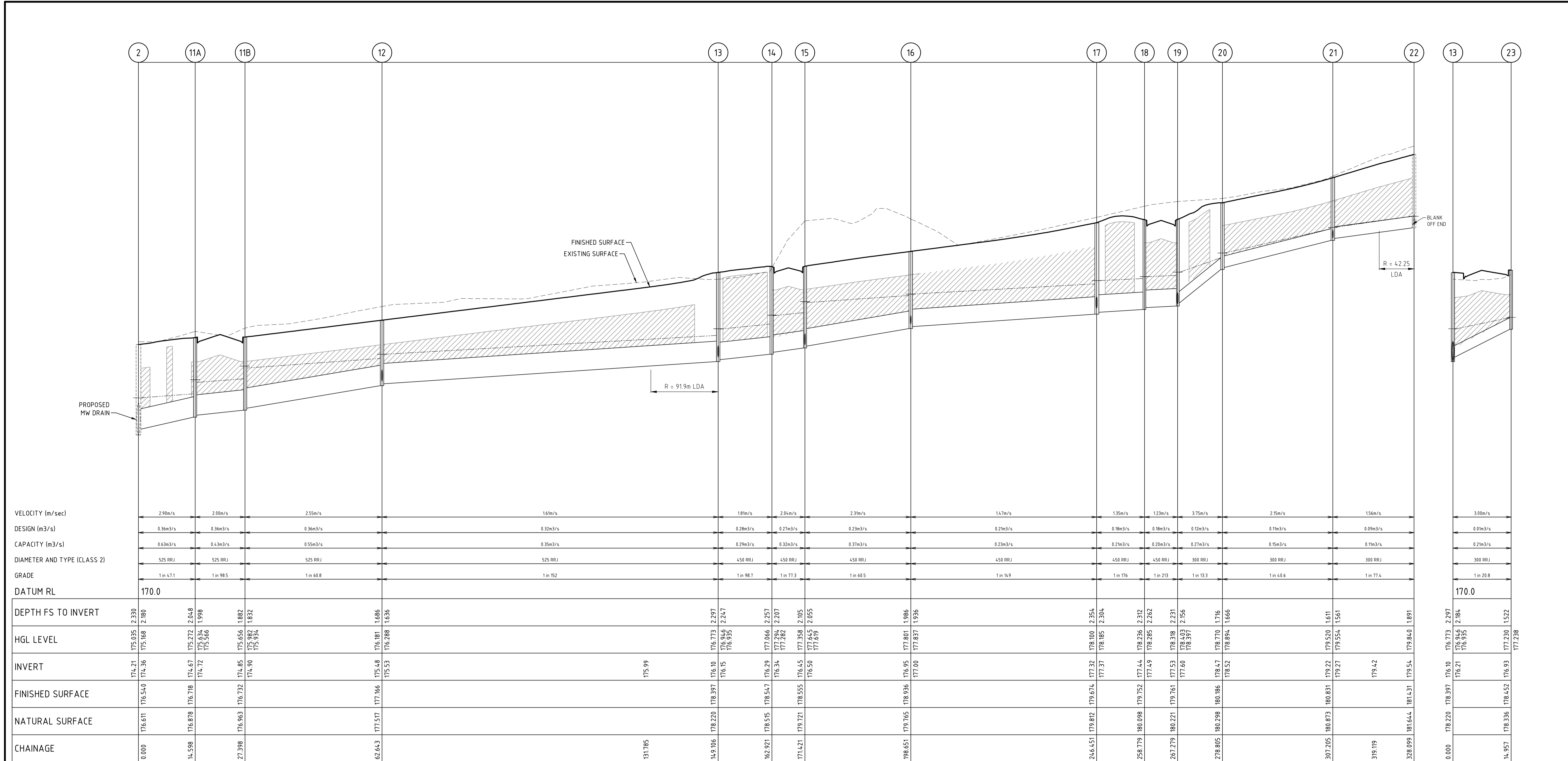


MATORAN STREET, PANAMA STREET
LOCAL ACCESS LEVEL 1 (16m)



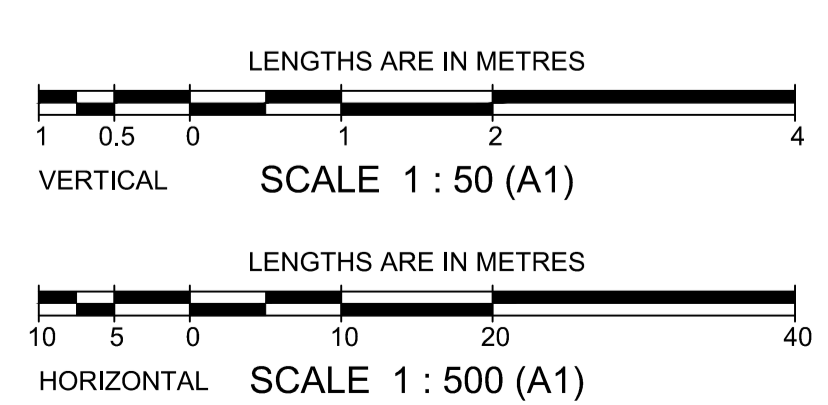
		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 389-B-11 SURVEY BPD		ELLERY ESTATE STAGE 6 MATORAN STREET		MUNICIPALITY WHITTLESEA REFERENCE 8625 E/06	
B 6/10/21 ESTATE NAME, TYP SECT (ELLESMERE) G OFFSET REVISED A 10/12/19 ISSUED FOR CONSTRUCTION		DESIGN DG DRAWN DG		SCALE As Shown DATUM AHD DATE Oct'19	
VER. DATE REMARKS CHECKED		SHEET 10 OF 15		B	

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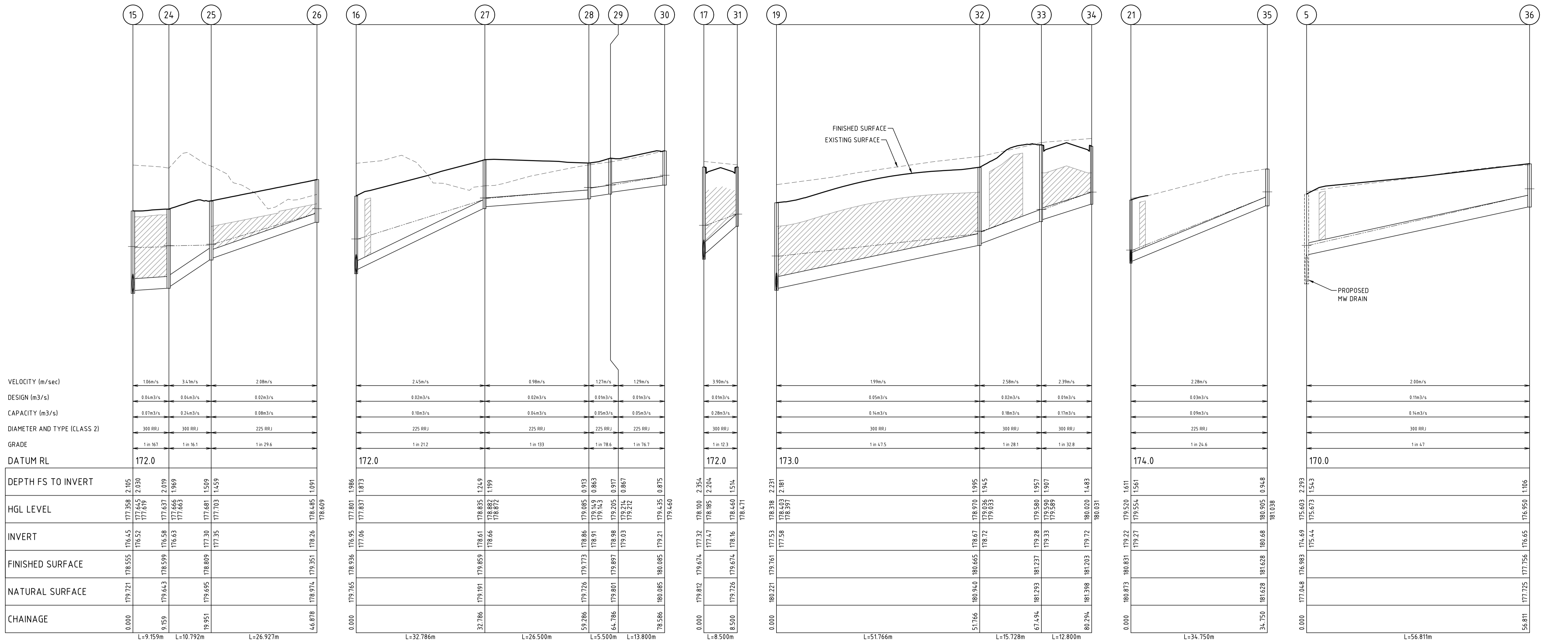
VELOCITY (m/sec)	2.9m/s	2.0m/s	2.55m/s	1.6m/s	1.8m/s	2.04m/s	2.3m/s	1.47m/s	1.35m/s	1.23m/s	3.75m/s	2.15m/s	1.54m/s	3.00m/s					
DESIGN (m3/s)	0.36m3/s	0.36m3/s	0.36m3/s	0.32m3/s	0.28m3/s	0.27m3/s	0.23m3/s	0.23m3/s	0.18m3/s	0.18m3/s	0.12m3/s	0.11m3/s	0.09m3/s	0.01m3/s					
CAPACITY (m3/s)	0.63m3/s	0.43m3/s	0.55m3/s	0.35m3/s	0.29m3/s	0.32m3/s	0.37m3/s	0.23m3/s	0.21m3/s	0.20m3/s	0.27m3/s	0.15m3/s	0.11m3/s	0.21m3/s					
DIAMETER AND TYPE (CLASS 2)	525 RRJ	525 RRJ	525 RRJ	525 RRJ	450 RRJ	450 RRJ	450 RRJ	450 RRJ	450 RRJ	450 RRJ	300 RRJ	300 RRJ	300 RRJ	300 RRJ					
GRADE	1 in 4.1	1 in 9.5	1 in 6.8	1 in 15.2	1 in 98.7	1 in 77.3	1 in 60.5	1 in 14.9	1 in 17.6	1 in 21.3	1 in 13.3	1 in 4.0	1 in 77.4	1 in 20.8					
DATUM RL	170.0																		
DEPTH FS TO INVERT	2.330	2.180	2.048	1.686	2.297	2.247	2.257	2.207	2.354	2.304	2.312	2.262	2.231	2.156	1.666	1.611	1.561	1.522	1.522
HGL LEVEL	175.035	175.168	175.272	176.181	176.773	176.935	177.066	177.294	178.100	178.185	178.236	178.285	178.318	178.403	178.770	178.520	179.554	176.946	177.230
INVERT	174.21	174.36	174.67	174.72	176.15	176.34	176.29	177.482	177.37	177.49	177.53	177.60	178.47	178.52	179.22	179.27	179.42	176.21	176.93
FINISHED SURFACE	176.540	176.718	176.732	177.166	178.397	178.547	178.555	178.555	179.674	179.674	179.752	179.761	180.186	180.644	180.831	180.831	181.431	178.397	178.452
NATURAL SURFACE	176.611	176.678	176.663	177.517	178.220	178.515	179.721	179.721	179.812	180.098	180.221	180.221	180.298	180.644	180.831	180.831	181.431	178.220	178.356
CHAINAGE	0.000	14.598	27.398	62.643	131.785	149.106	162.921	171.421	246.451	258.719	267.279	278.805	307.205	328.099	319.119	328.099	328.099	0.000	14.957
	L=14.598m	L=12.800m	L=35.245m	L=86.463m	L=13.815m	L=8.500m	L=27.230m	L=47.800m	L=12.328m	L=8.500m	L=11.526m	L=28.400m	L=20.894m	L=14.957m					

LEGEND
 - - - - - EXISTING SURFACE
 ——— FINISHED SURFACE
 - - - - - HYDRAULIC GRADE LINE (5yr)
 [Hatched Area] DENOTES CRUSHED ROCK BACKFILL
 LDA INDICATES PIPE WITH LARGER DEFLECTION ANGLE TO BE ORDERED



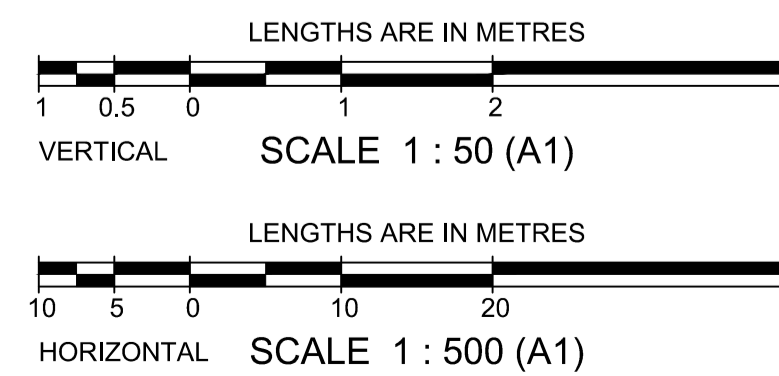
		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
MELWAY REF. 389-B-11 SURVEY BPD DESIGN DG DRAWN DG CHECKED <i>[Signature]</i>		ELLERY ESTATE STAGE 6 DRAINAGE LONGITUDINAL SECTIONS - SHEET 1		MUNICIPALITY WHITTLESEA REFERENCE 8625 E/06
AMENDMENTS B 5/10/21 ESTATE NAME REVISED A 10/12/19 ISSUED FOR CONSTRUCTION	SCALE As Shown DATUM AHD DATE Oct'19	SHEET 11 OF 15	SHEET B	11/05/2021 - 12/21/2021

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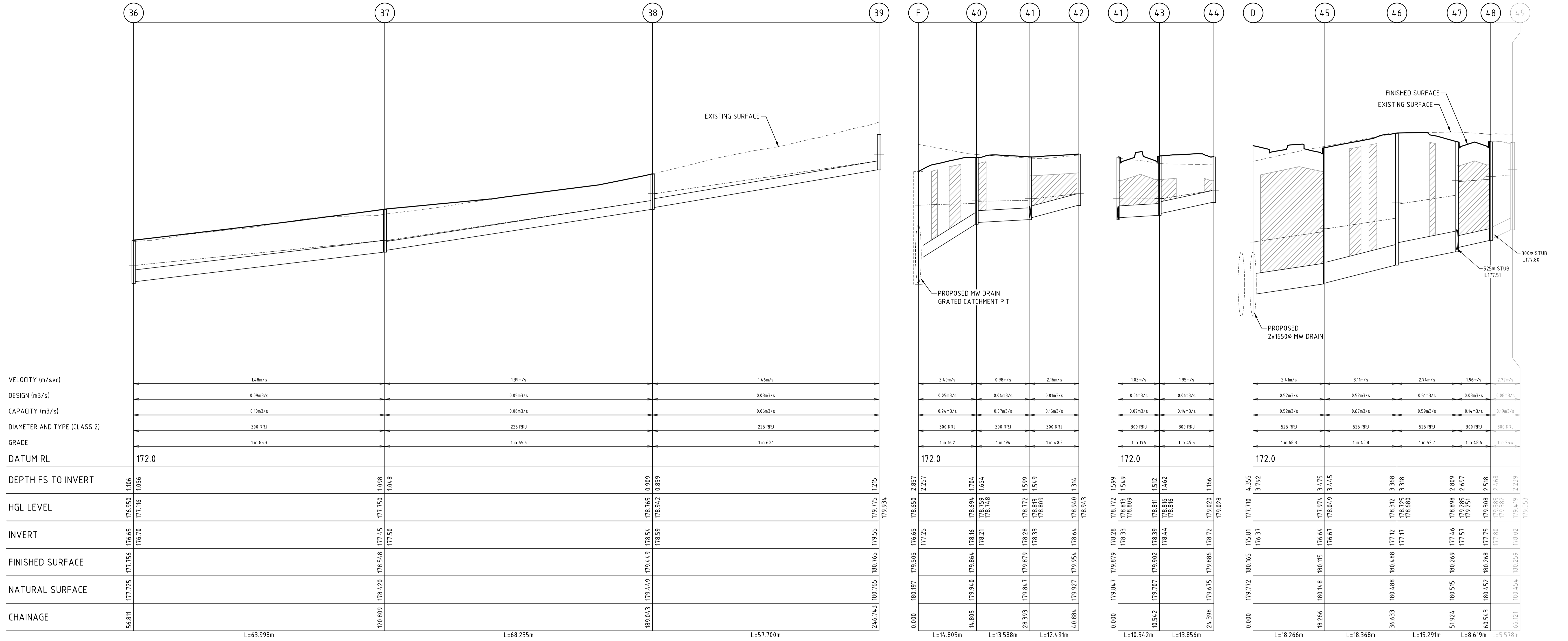


LEGEND

- EXISTING SURFACE
- FINISHED SURFACE
- HYDRAULIC GRADE LINE (5yr)
- DENOTES CRUSHED ROCK BACKFILL



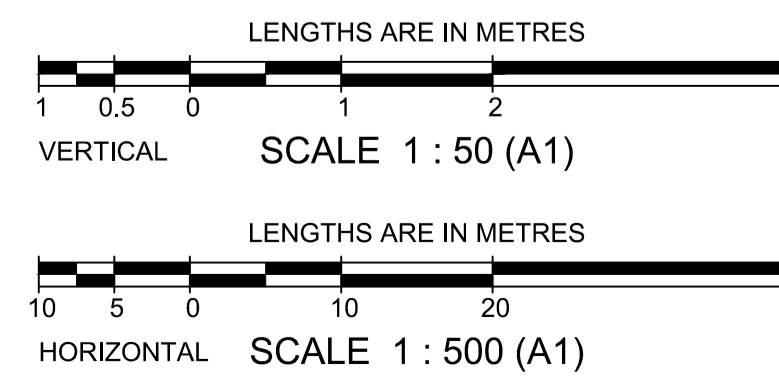
		breese pitt dixon Pty. Ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 389-B-11		ELLERY ESTATE STAGE 6		MUNICIPALITY WHITTLESEA	
SURVEY BPD		DESIGN DG		REFERENCE 8625 E/06	
DRAWN DG		DRAWING TITLE DRAINAGE LONGITUDINAL SECTIONS - SHEET 2		SHEET 12 OF 15	
CHECKED <i>[Signature]</i>		SCALE As Shown		DATE Oct'19	
DATE 5/10/21		REMARKS ESTATE NAME REVISED		SHEET 12 OF 15	
DATE 10/12/19		REMARKS ISSUED FOR CONSTRUCTION		SHEET 12 OF 15	
DATE 10/12/19		REMARKS ISSUED FOR CONSTRUCTION		SHEET 12 OF 15	



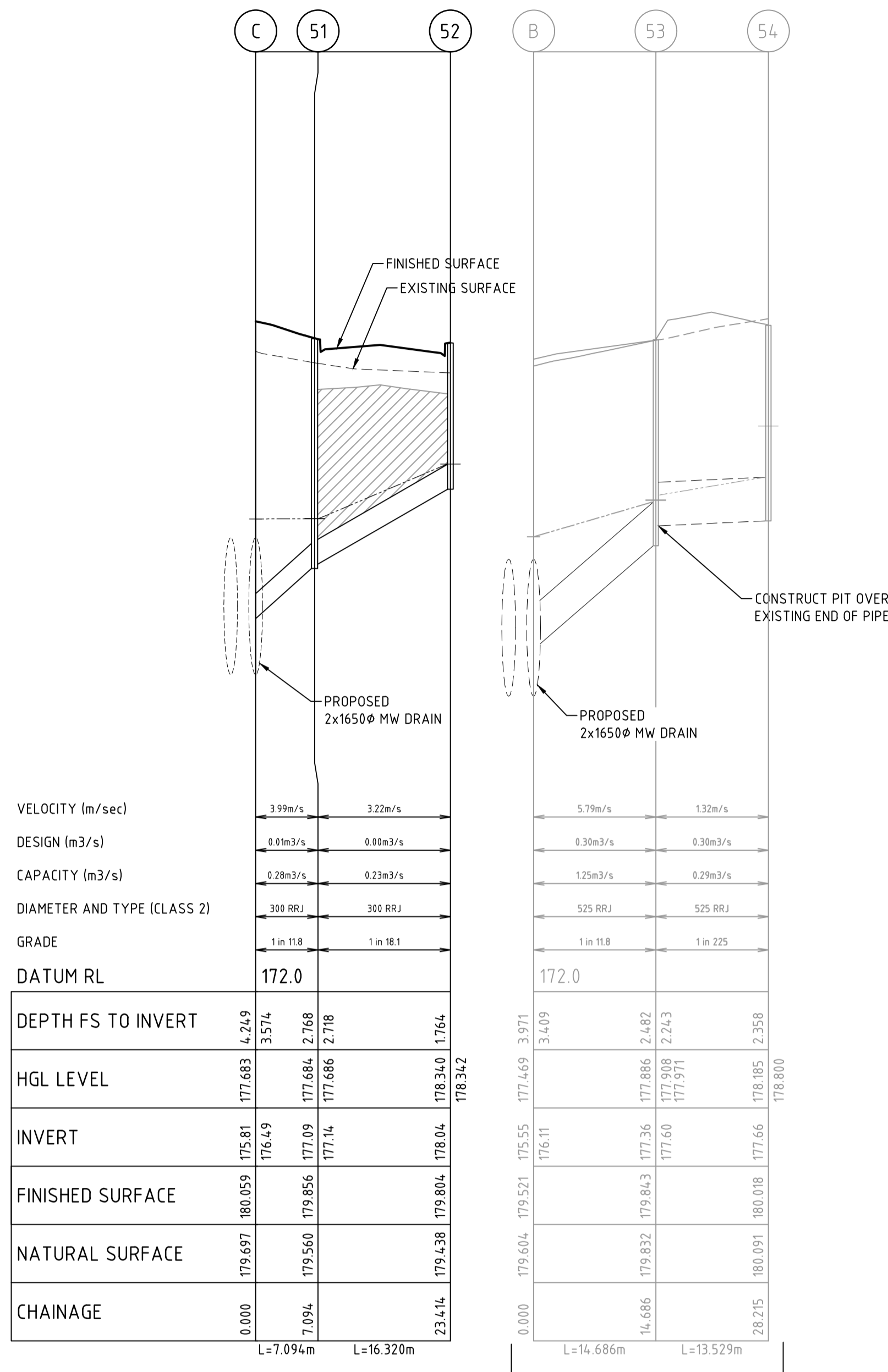
VELOCITY (m/sec)	1.46m/s	1.39m/s	1.46m/s	3.40m/s	0.98m/s	2.16m/s	1.03m/s	1.95m/s	2.43m/s	3.11m/s	2.74m/s	1.96m/s	2.72m/s
DESIGN (m3/s)	0.09m3/s	0.05m3/s	0.03m3/s	0.05m3/s	0.04m3/s	0.01m3/s	0.01m3/s	0.01m3/s	0.52m3/s	0.52m3/s	0.51m3/s	0.08m3/s	0.08m3/s
CAPACITY (m3/s)	0.10m3/s	0.06m3/s	0.06m3/s	0.24m3/s	0.07m3/s	0.15m3/s	0.07m3/s	0.14m3/s	0.52m3/s	0.67m3/s	0.59m3/s	0.14m3/s	0.19m3/s
DIAMETER AND TYPE (CLASS 2)	300 RRJ	225 RRJ	225 RRJ	300 RRJ	300 RRJ	300 RRJ	300 RRJ	300 RRJ	525 RRJ	525 RRJ	525 RRJ	300 RRJ	300 RRJ
GRADE	1 in 85.3	1 in 65.6	1 in 60.1	1 in 16.2	1 in 194	1 in 40.3	1 in 176	1 in 49.5	1 in 68.3	1 in 40.8	1 in 52.7	1 in 48.6	1 in 25.4
DATUM RL	172.0			172.0			172.0		172.0				
DEPTH FS TO INVERT	1.106 1.056			2.857 2.257			1.599 1.549		4.355 3.792				
HGL LEVEL	176.950 177.116	177.750 1.048		178.650 177.25	178.650 1.704	178.650 1.654	178.772 1.549	178.809 1.462	177.710 3.475	177.974 3.445	178.312 3.368	178.725 3.318	178.898 2.809
INVERT	176.65 176.70	177.45 177.50		178.54 178.21	178.694 178.721	178.758 178.749	178.772 178.803	178.811 178.816	177.46 177.17	177.974 178.049	178.312 178.680	178.725 178.680	178.898 179.251
FINISHED SURFACE	177.756 177.725	178.548 177.45		179.505 177.25	179.864 178.16	179.847 178.21	179.879 178.33	179.902 178.44	180.165 176.64	180.115 176.64	180.488 177.12	180.488 177.17	180.269 177.46
NATURAL SURFACE	177.725	178.420 178.548		179.449 178.54	179.940 178.16	179.847 178.21	179.879 178.33	179.902 178.44	180.148 176.64	180.115 176.64	180.488 177.12	180.488 177.17	180.269 177.46
CHAINAGE	56.811	120.809	189.043	0.000	14.805	28.393	40.884	10.542	18.266	36.633	51.024	60.543	
		L=63.998m	L=68.235m		L=14.805m	L=13.588m	L=12.491m	L=10.542m	L=13.856m	L=18.266m	L=18.368m	L=15.291m	L=8.619m

LEGEND

- EXISTING SURFACE
- FINISHED SURFACE
- HYDRAULIC GRADE LINE (5yr)
- DENOTES CRUSHED ROCK BACKFILL

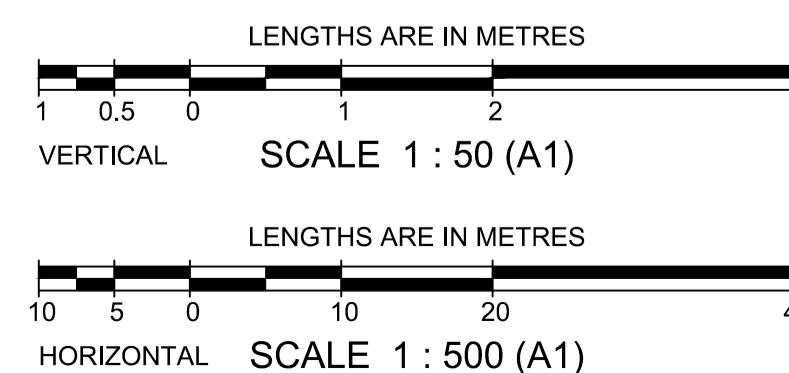
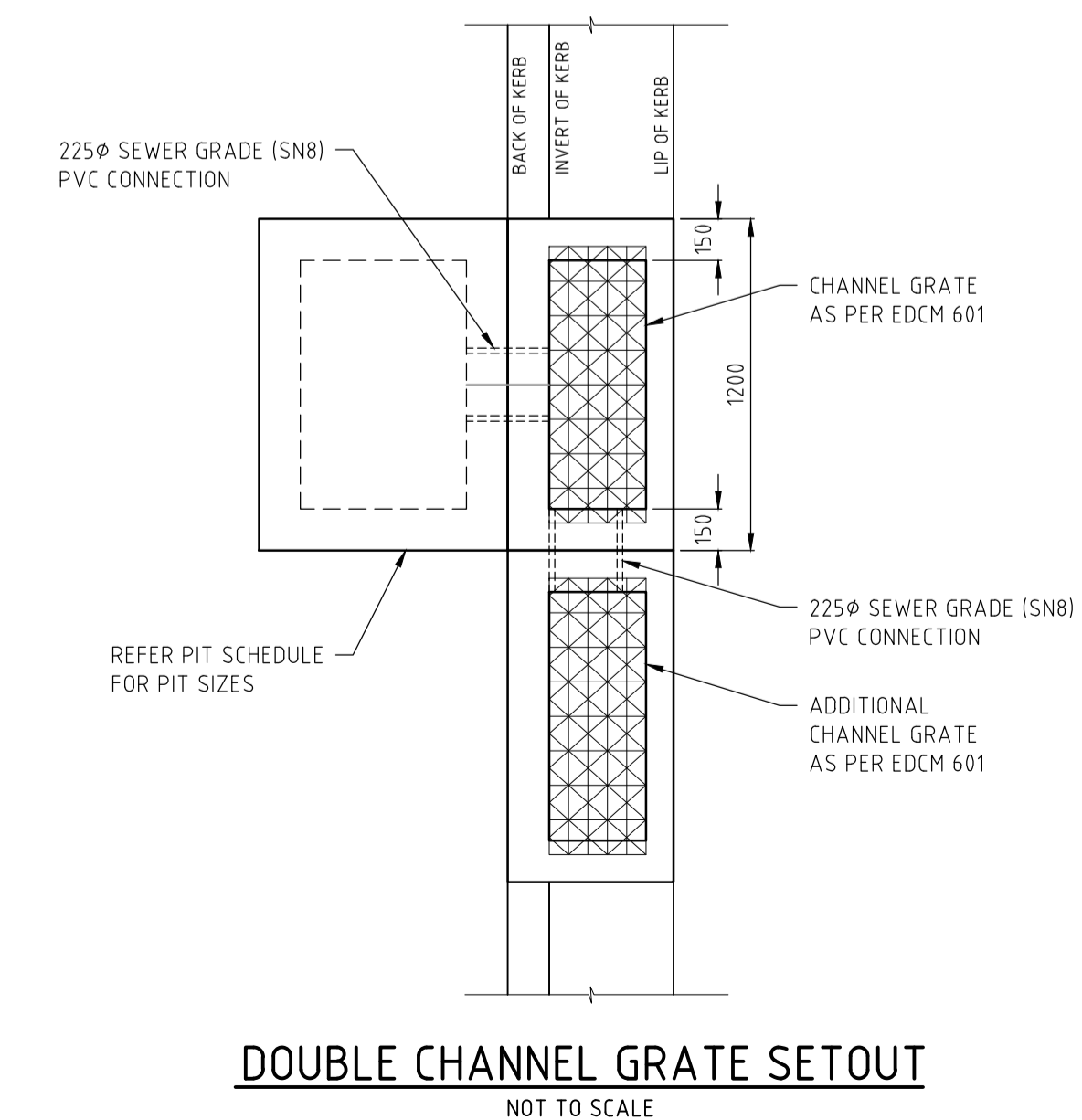


		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 389-B-11		SURVEY BPD		MUNICIPALITY WHITTLESEA	
DESIGN DG		DRAWN DG		REFERENCE 8625 E/06	
CHECKED <i>[Signature]</i>		SCALE As Shown		DATUM AHD	
DATE 10/12/19		DATE Oct'19		SHEET 13 OF 15	
ELLERY ESTATE STAGE 6 DRAINAGE LONGITUDINAL SECTIONS - SHEET 3		SHEET 13 OF 15		B	



DRAINAGE TO BE CONSTRUCTED AS PART OF MELBOURNE WATER WATERWAY WORKS "TRIB OF FINDONS CREEK SECTION 2", DRAWING 4506/02

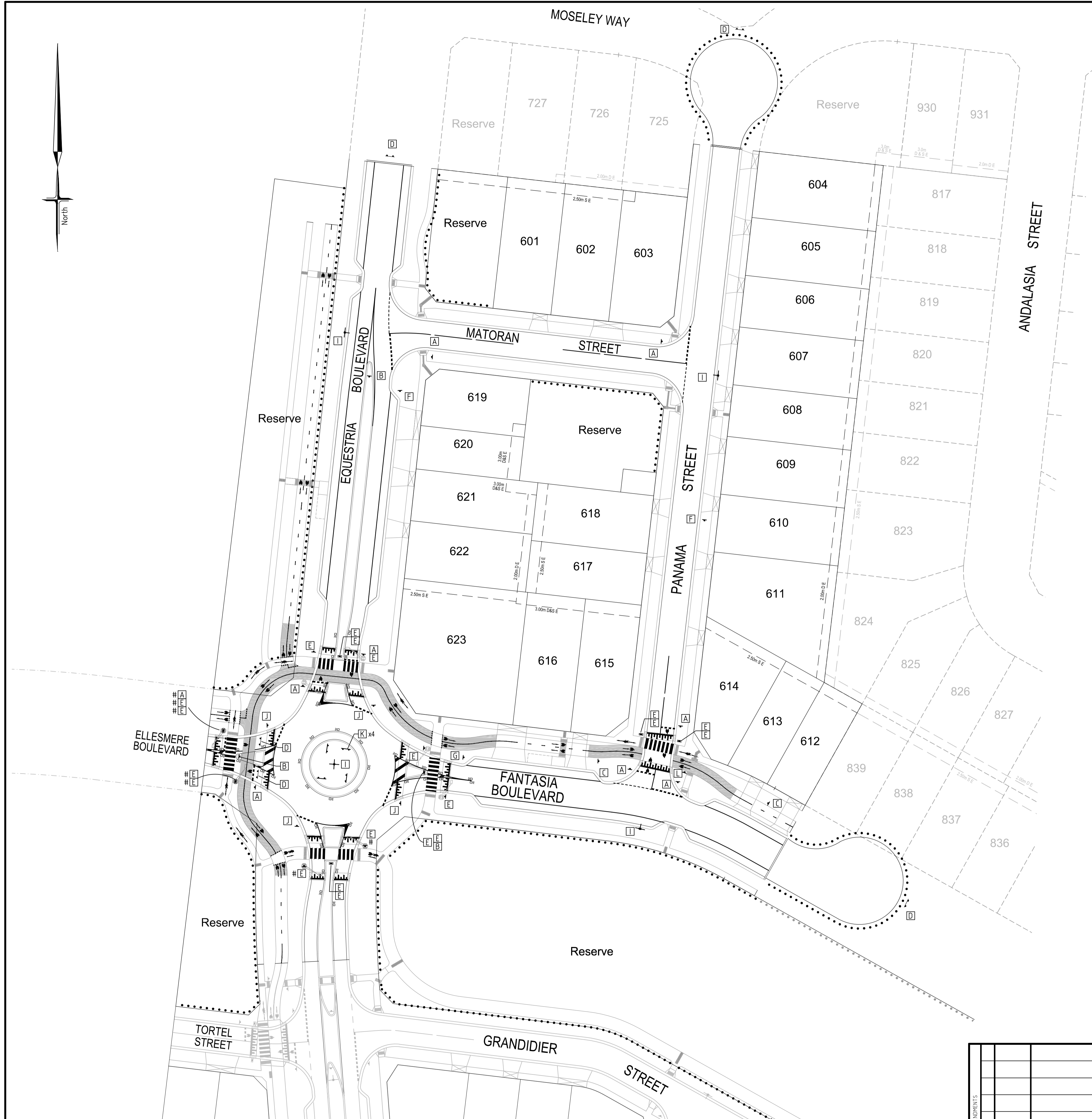
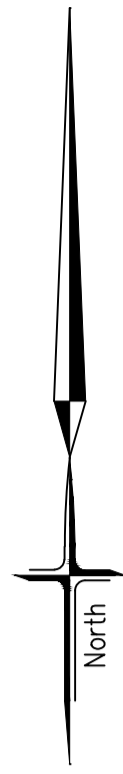
DRAINAGE TO BE CONSTRUCTED AS PART OF MELBOURNE WATER WATERWAY WORKS "TRIB OF FINDONS CREEK SECTION 2", DRAWING 4506/02



DRAINAGE PIT SCHEDULE										
Mystique Estate - Stage 6										
PIT No	PIT TYPE	INTERNAL		INLET		OUTLET		PIT		REMARKS (Class 'B' Cover unless noted otherwise)
		WD	LEN	DIA	INV LEV	DIA	INV LEV	FINISHED COVER RL	DEPTH	
2	Proposed MW Junction Pit	900	1200	750	174.26	825	174.21	176.540	2.330	CONNECT TO PROPOSED STUB
5	Proposed MW Junction Pit	1050	900	750	174.74	750	174.69	176.980	2.290	CONNECT TO PROPOSED STUB
11A	Future Channel Grating Pit	750	900	525	174.72	525	174.67	176.710	2.040	MPA EDCM STD DWG 607 (HAUNCHED) with TEMP CLASS 'B' CONCRETE COVER.
11B	Future Channel Grating Pit	750	900	525	174.90	525	174.85	176.750	1.880	MPA EDCM STD DWG 607 (HAUNCHED) with TEMP CLASS 'B' CONCRETE COVER.
12	Future Channel Grating Pit	750	900	525	175.53	525	175.48	177.160	1.680	MPA EDCM STD DWG 607 (HAUNCHED) with TEMP CLASS 'B' CONCRETE COVER.
13	Junction Pit	750	900	450	176.15	525	176.10	178.390	2.290	MPA EDCM STD DWG 607 (HAUNCHED) with CLASS 'B' COVER.
14	Channel Grating Pit	750	900	450	176.34	450	176.29	178.540	2.250	MPA EDCM STD DWG 601 & 607 (HAUNCHED) with CLASS 'B' COVER. HAUNCH PIT TOWARDS ROAD PAVEMENT
15	Channel Grating Pit	750	900	450	176.50	450	176.45	178.550	2.100	MPA EDCM STD DWG 601 & 607 (HAUNCHED) with CLASS 'B' COVER.
16	Channel Grating Pit	750	900	450	177.00	450	176.95	178.930	1.980	MPA EDCM STD DWG 601 & 607 (HAUNCHED) with CLASS 'B' COVER.
17	Junction Pit	750	900	450	177.37	450	177.32	179.670	2.350	MPA EDCM STD DWG 607 (HAUNCHED) with CLASS 'B' COVER.
18	Channel Grating Pit	600	900	450	177.49	450	177.44	179.750	2.310	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
19	Channel Grating Pit	600	900	300	177.61	450	177.53	179.760	2.230	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
20	Channel Grating Pit	600	900	300	178.52	300	178.47	180.180	1.710	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
21	Junction Pit	600	900	300	179.27	300	179.22	180.830	1.610	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
22	End of Pipe	-	-	-	-	300	179.54	181.430	1.890	BLANK-OFF END
23	Channel Grating Pit	600	900	300	179.59	300	179.54	181.430	1.890	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
24	Channel Grating Pit	600	900	300	176.63	300	176.58	178.590	2.010	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
25	Channel Grating Pit	600	900	225	177.35	300	177.30	178.800	1.500	MPA EDCM STD DWG 601 & 605 with CLASS 'D' COVER.
26	Junction Pit	600	900	225	178.26	225	178.26	179.350	1.090	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
27	Junction Pit	600	900	225	178.66	225	178.61	179.850	1.240	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
28	Junction Pit	600	900	225	178.91	225	178.86	179.770	0.910	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
29	Junction Pit	600	900	225	179.03	225	178.98	179.890	0.910	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
30	Junction Pit	600	900	225	179.21	225	179.21	180.080	0.870	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
31	Channel Grating Pit	600	900	300	178.16	300	178.16	179.670	1.510	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
32	Junction Pit	600	900	300	178.72	300	178.67	180.660	1.990	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
33	Channel Grating Pit	600	900	300	179.33	300	179.28	181.230	1.950	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
34	Channel Grating Pit	600	900	300	179.72	300	179.72	181.200	1.480	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
35	Junction Pit	600	900	225	180.68	225	180.68	181.620	0.940	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
36	Junction Pit	600	900	300	176.70	300	176.65	177.750	1.100	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
37	Junction Pit	600	900	225	177.50	300	177.45	178.540	1.090	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
38	Junction Pit	600	900	225	178.59	225	178.54	179.440	0.900	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
39	Grated Pit	600	900	225	179.55	225	179.55	180.450	0.900	MPA EDCM STD DWG 605 with CLASS 'B' GRATED COVER & CONCRETE APRON
40	Channel Grating Pit	600	900	300	178.21	300	178.16	179.860	1.700	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
41	Double Channel Grated Pit	600	900	300	178.33	300	178.28	179.870	1.590	MPA EDCM STD DWG 602 & 605 with CLASS 'B' COVER. REFER SETOUT DETAIL BELOW.
42	Double Channel Grated Pit	600	900	300	178.44	300	178.39	179.950	1.310	MPA EDCM STD DWG 602 & 605 with CLASS 'B' COVER. REFER SETOUT DETAIL BELOW.
43	Double Channel Grated Pit	600	900	300	178.44	300	178.39	179.900	1.510	MPA EDCM STD DWG 602 & 605 with CLASS 'B' COVER. REFER SETOUT DETAIL BELOW.
44	Channel Grating Pit	600	900	300	178.72	300	178.72	179.880	1.160	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
45	Double Channel Grated Pit	600	900	525	176.67	525	176.64	180.110	3.470	MPA EDCM STD DWG 602 & 605 with CLASS 'B' COVER. REFER SETOUT DETAIL BELOW.
46	Grated Pit	600	900	525	177.17	525	177.12	180.480	3.360	MPA EDCM STD DWG 605 with CLASS 'B' GRATED COVER & CONCRETE APRON
47	Channel Grating Pit	750	900	300	177.57	525	177.46	180.260	2.800	MPA EDCM STD DWG 601 & 607 (HAUNCHED) with CLASS 'B' COVER.
48	Channel Grating Pit	600	900	300	177.80	300	177.75	180.260	2.510	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
51	Double Channel Grated Pit	600	900	300	177.14	300	177.09	179.850	2.762	MPA EDCM STD DWG 602 & 605 with CLASS 'B' COVER. REFER SETOUT DETAIL BELOW.
52	Double Channel Grated Pit	600	900	300	178.04	300	178.04	179.800	1.760	MPA EDCM STD DWG 602 & 605 with CLASS 'B' COVER. REFER SETOUT DETAIL BELOW.
53	Junction Pit	600	900	525	177.60	525	177.36	179.840	2.479	MPA EDCM STD DWG 605 with CLASS 'B' COVER. CONSTRUCT PIT OVER EXISTING END OF PIPE.
B	Pipe Connection	-	-	1650	175.55	1650	175.55	179.520	3.970	CONNECT PIPE TO PROP MW DRAIN AS PER MW STD DRG 7251/08/425
C	Pipe Connection	-	-	300	176.49	300	176.49	180.050	4.240	CONNECT PIPE TO PROP MW DRAIN AS PER MW STD DRG 7251/08/425
D	Pipe Connection	-	-	1650	175.81	1650	175.81	180.050	4.240	CONNECT PIPE TO PROP MW DRAIN AS PER MW STD DRG 7251/08/425
F	Proposed MW Grated Pit	2.1	2.1	300	177.25	300	177.25	179.500	2.852	CONNECT TO PROPOSED STUB

- LEGEND**
- EXISTING SURFACE
 - FINISHED SURFACE
 - HYDRAULIC GRADE LINE (5yr)
 - ////// DENOTES CRUSHED ROCK BACKFILL

		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF: 389-B-11		SURVEY: BPD		MUNICIPALITY: WHITTLESEA	
AMENDMENTS:		ELLERY ESTATE STAGE 6		REFERENCE: 8625 E/06	
C 5/10/21 ESTATE NAME REVISED		DESIGN: DG		DRAINAGE LONGITUDINAL SECTIONS - SHEET 4	
B 13/07/20 DRAIN 53-B REMOVED FROM THESE WORKS		DRAWN: DG		SCALE: As Shown DATUM: AHD DATE: Oct'19 SHEET: 14 OF 15 C	
A 10/12/19 ISSUED FOR CONSTRUCTION		CHECKED: [Signature]		SHEET: 14 OF 15 C	

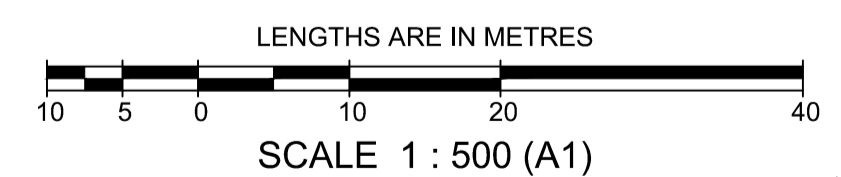


NOTES

- a. ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- b. SWLM - INDICATES SOLID WHITE "LONGLIFE" LINE MARKING
BWLm - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING
- c. INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPMS PLACED AT 6m CTS, UNLESS OTHERWISE SHOWN
- d. 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
- e. EXTENT OF PAVEMENT MAKEUP VARIATION
- f. KERB TRANSITION TO TAKE PLACE AT PRAM CROSSINGS AND AT KERB SHOWN THUS
- g. RAISED PAVEMENT AND BICYCLE PATH SHOWN SHADED TO BE COLOURED EMERALD GREEN G13 AND MEET REQUIREMENTS SET OUT IN VICROADS SPECIFICATIONS SECTION 431 - COLOURED SURFACE TREATMENTS.
- h. AG AT ROUNDABOUT TO BE CONNECTED TO UNDERGROUND DRAINAGE
- i. INDICATES BOLLARDS
- j. PROPOSED FLASHING SIGN PEDESTAL WITH 1 No. P100 CONDUIT & TRAFFIC SIGNAL PIT ALL INSTALLED AS PER DRAWING TSP100 FROM ONEMILEGRID.
- k. FUTURE FLASHING SIGN PEDESTAL

SIGNAGE LEGEND

- A** GIVE WAY SIGN (R1-2A) - CLASS 1
INDICATES SIGNS TO BE ATTACHED TO PROPOSED FLASHING SIGN PEDESTAL
- B** KEEP LEFT (R2-3AL) - CLASS 1
- C** ROAD AHEAD SIGN (W6-8A) - CLASS 1
- D** ROAD CLOSED (G9-20) SIGN WITH OBSTRUCTION MARKER SIGN (D4-5) - CLASS 1
- E** PEDESTRIAN CROSSING SIGN (R3-1A) - CLASS 1
INDICATES SIGNS TO BE ATTACHED TO PROPOSED FLASHING SIGN PEDESTAL
- F** BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) BELOW. ALL CLASS 1.
- G** BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) & ON SIDE ROAD SIGN (W8-3AL) BELOW. ALL CLASS 1.
- H** BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) & ON SIDE ROAD SIGN (W8-3AR) BELOW. ALL CLASS 1.
- I** 3No STREET SIGNS - REFER NOTE 23 SHEET 2 (4No AT ROUNDABOUT)
- J** "ROUNDABOUT" SIGN (R1-3A)
- K** "UNI-DIRECTIONAL CHEVRON" SIGN (D4-1-3)
- L** "BICYCLES" WARNING SIGN (W6-7A) - CLASS 1



PLAN
1:500

				breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		MELWAY REF.	389-B-11	ELLERY ESTATE STAGE 6		MUNICIPALITY WHITTLESEA	
		SURVEY	BPD				
B		6/10/21	ESTATE NAME REVISED	DESIGN	DG	REFERENCE 8625 E/06	
A		10/12/19	ISSUED FOR CONSTRUCTION	DRAWN	DG		
VER.	DATE	REMARKS	CHECKED	SCALE	DATUM	DATE	SHEET
				As Shown	AHD	Oct'19	15 OF 15