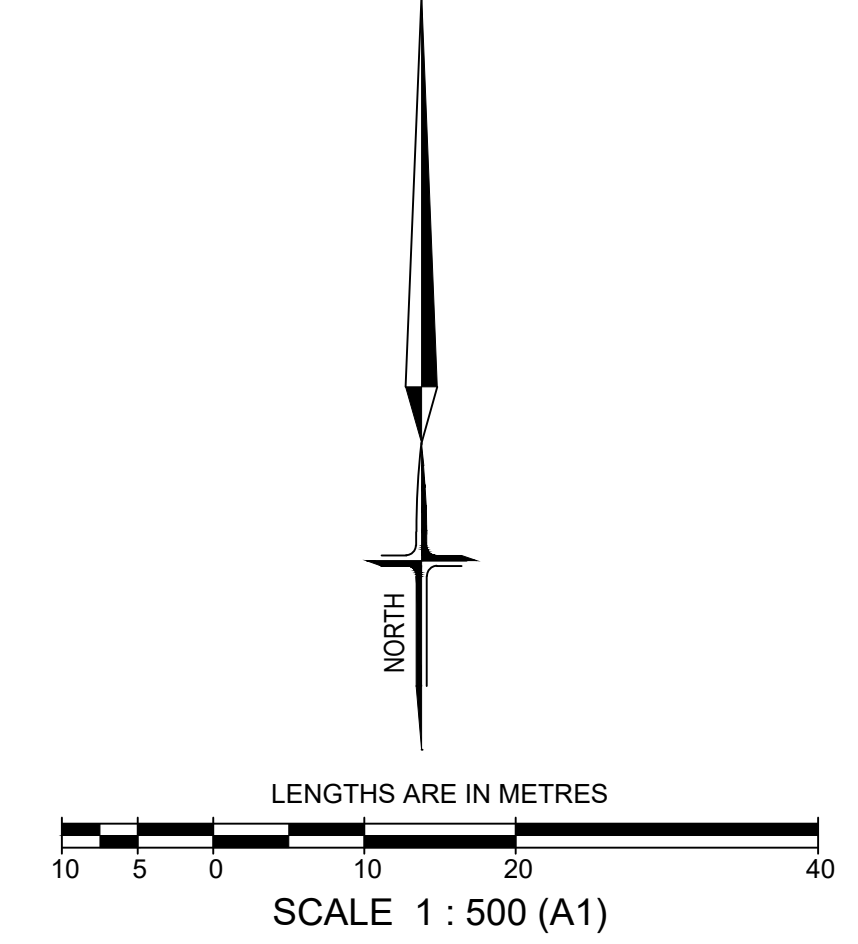


SERVICE OFFSETS AND LOCATION TABLE

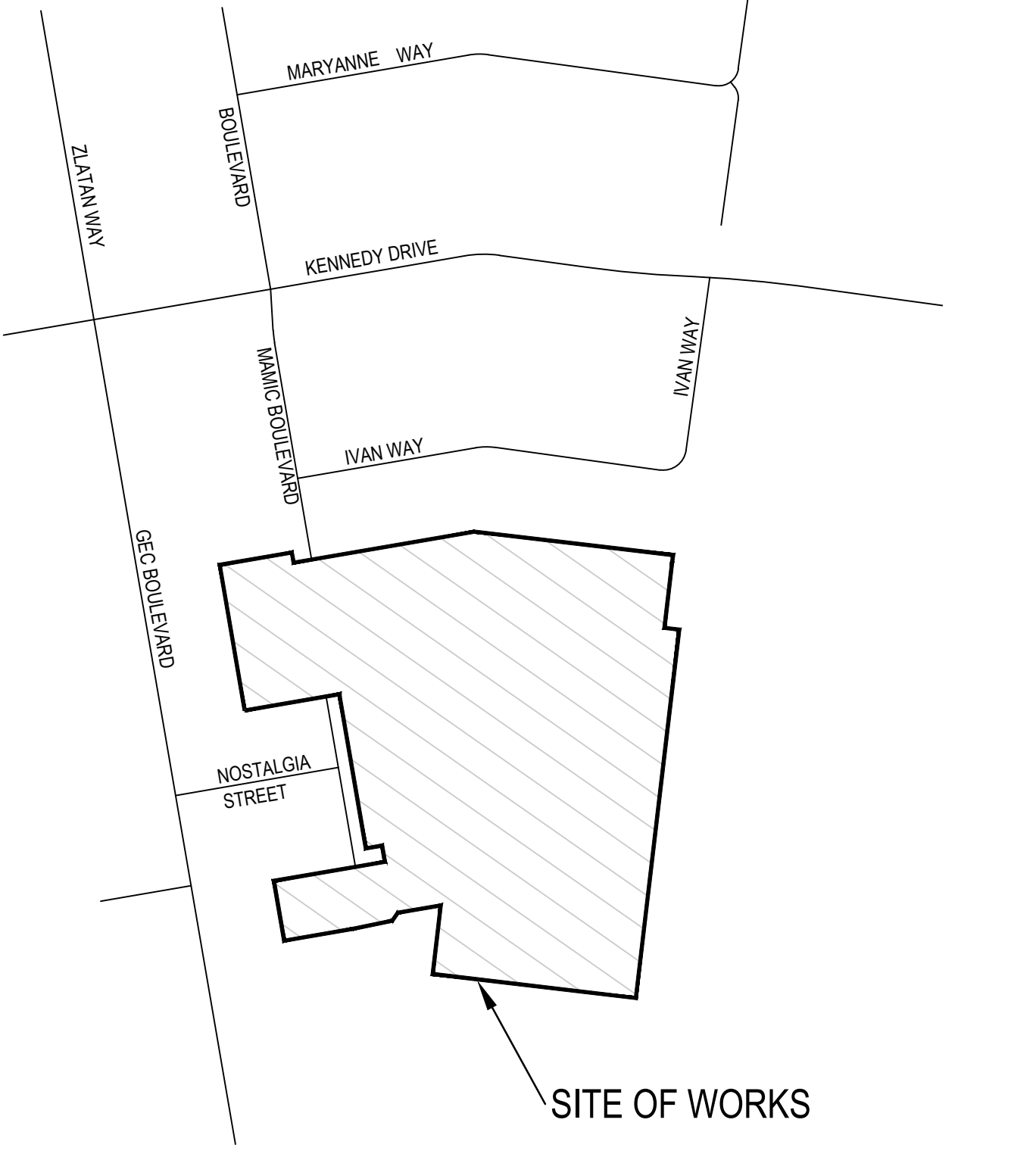
Location	Gas	Water		Telecommunications		Electricity		BOK	Road Width	Joint Trenching	Street Classification
		DW	DW	Cables	Pits	Cables	Poles				
GANGUR WAY - ADJACENT RESERVE	2.35 N	2.85 N	1.85 N	1.85 N	0.70 S	1.00 BOK	4.20 N	14.00	G&W, FTTH&E	ACCESS PLACE	
GANGUR WAY	2.35 N	2.85 N	1.85 N	1.85 N	2.40 S	1.00 BOK	4.20 N	16.00	G&W, FTTH&E	ACCESS PLACE	
GANGUR WAY	2.70 W	3.10 W	1.80 W	1.80 W	2.30 W	1.20 BOK	4.55 W	17.60	G&W, FTTH&E	ACCESS PLACE	
GANGUR WAY	2.35 S	2.85 S	1.85 S	1.85 S	2.40 N	1.00 BOK	4.20 N	16.00	G&W, FTTH&E	ACCESS PLACE	
GANGUR WAY - ADJACENT RESERVE	2.35 S	2.85 S	1.85 S	1.85 S	0.70 N	1.00 BOK	4.20 S	14.00	G&W, FTTH&E	ACCESS PLACE	
MAMIC BOULEVARD	2.35 W	2.85 W	1.85 W	1.85 W	2.40 E	1.00 BOK	4.20 E	16.00	G&W, FTTH&E	ACCESS PLACE	
MAMIC BOULEVARD - ADJACENT RESERVE	2.35 W	2.85 W	1.85 W	1.85 W	0.70 E	1.00 BOK	4.20 W	14.00	G&W, FTTH&E	ACCESS PLACE	
GEC BOULEVARD	2.70 W	3.10 W	1.80 W	1.80 W	2.15 W	1.20 BOK	4.35 W	15.30	G&W, FTTH&E	ACCESS PLACE	
BONEGILLA LANE	-	-	-	-	0.50 E	-	1.00 E	9.20	G&W, FTTH&E	LANEWAY	
COWBOY WALK	1.80 W	2.30 W	2.80 W	2.80 W	3.40 W	-	-	4.00	G&W, FTTH&E	-	

NOTE: * OFFSET FROM BACK OF KERB



SHEET INDEX

SHT No.	VER	Description
1	G	LAYOUT PLAN SHEET
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4	C	GENERAL DETAILS
5	C	ROAD PAVEMENT DETAILS
6	E	INTERSECTION DETAIL PLAN
7	A	LONGITUDINAL & CROSS SECTIONS MAMIC BOULEVARD - SHEET 1 OF 2
8	A	CROSS SECTIONS MAMIC BOULEVARD - SHEET 2 OF 2
9	C	LONGITUDINAL & CROSS SECTIONS GANGUR WAY - SHEET 1 OF 4
10	C	CROSS SECTIONS GANGUR WAY - SHEET 2 OF 4
11	C	CROSS SECTIONS GANGUR WAY - SHEET 3 OF 4
12	C	CROSS SECTIONS GANGUR WAY - SHEET 4 OF 4
13	C	LONGITUDINAL & CROSS SECTIONS GEC BOULEVARD
14	C	LONGITUDINAL & CROSS SECTIONS BONEGILLA LANE
15	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 1
16	C	DRAINAGE LONGITUDINAL SECTIONS - SHEET 2
17	B	DRAINAGE LONGITUDINAL SECTIONS - SHEET 3
18	A	DRAINAGE STRUCTURE DETAILS
19	D	SIGNAGE & LINEMARKING PLAN
20	D	PASSIVE IRRIGATION PLAN
21	D	MOBILITY PLAN
22	E	EARTHWORKS PLAN



SITE LOCALITY PLAN

NOT TO SCALE

SYMBOL LEGEND

Drains	Prop	Prev Stage	Ex/Natural/FS Level	+28.57	+28.57	+28.57
Main Drains	-S-	S	FS @ Building Line	+38.26	+	+38.26
Sewer < 3000	-S-	S	Top/Toe of Batter	+1029.57	+	+1029.57
Sewer > 3000	-S-	S	Top Ret. Wall Level	+1228.57	+	+1228.57
Water (DW)	-DW-	W	100yr Flood Level	+128.57	+	+128.57
Water (NDW)	-NDW-	W	Fill Proposed (<0.3m@20.3m)			
House Drain	-H-	H	Cut Proposed			
Property Inlet	-P-	P	Asphalt Surface Prop			
Street Sign	-S-	S	Concrete Surface Prop (Paths/Driveways/Slabs)			
P.S.M.	-P.S.M.-	P.S.M.	Tree To Be Removed			
Rock Ret Wall	-R-	R	Tree To Be Retained with Tree Protection Zone (TPZ)			
Stepped Ret Wall	-S-	S				
Conduits 50mm	-GW-	GW				
Conduits 100mm	-W100-	W100				
Street Tree without/with Passive Irrigation (Refer Detail)	-T-	T				
Ex Drains	-E-	E				
Ex Water DW/NDW	-E-DW-	E-DW				
Ex Sewer/Gas	-E-S-	E-S				
Ex Elect/Comm	-E-E-	E-E				
Ex Optic Fibre	-E-O-	E-O				

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATION 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.

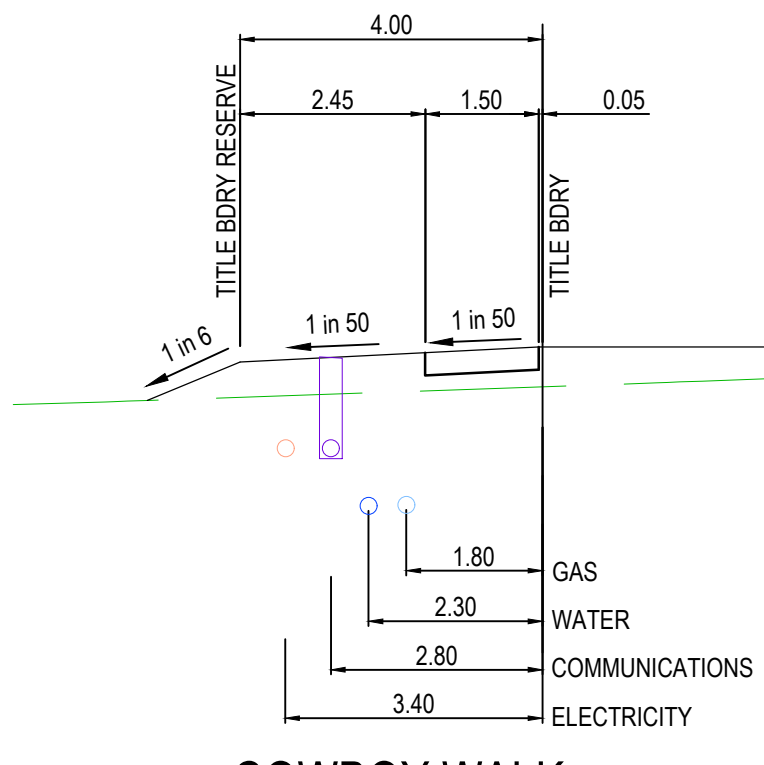
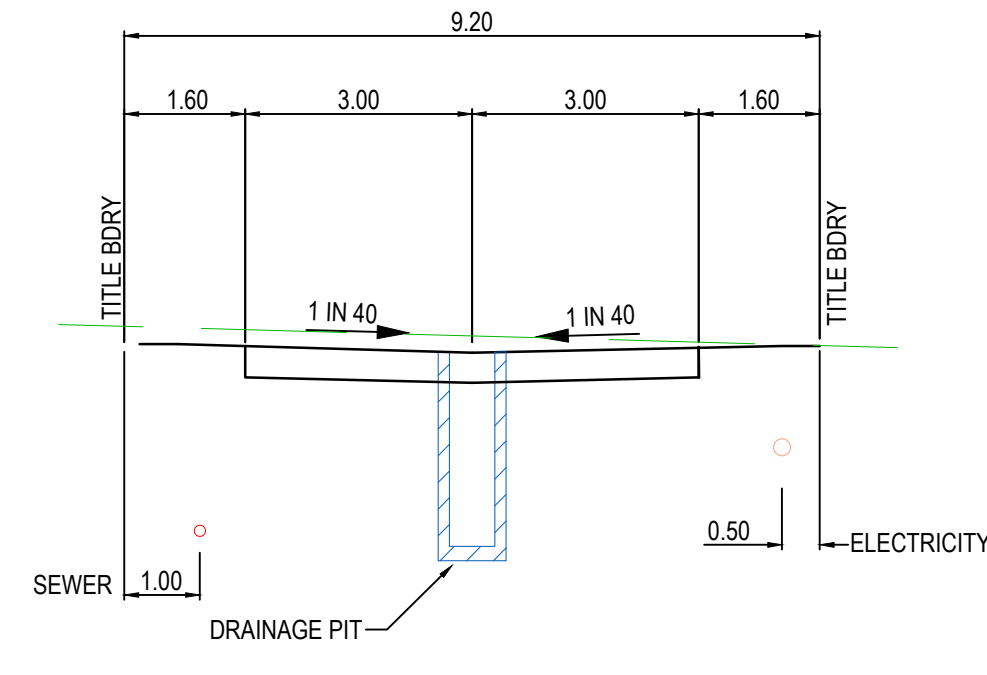
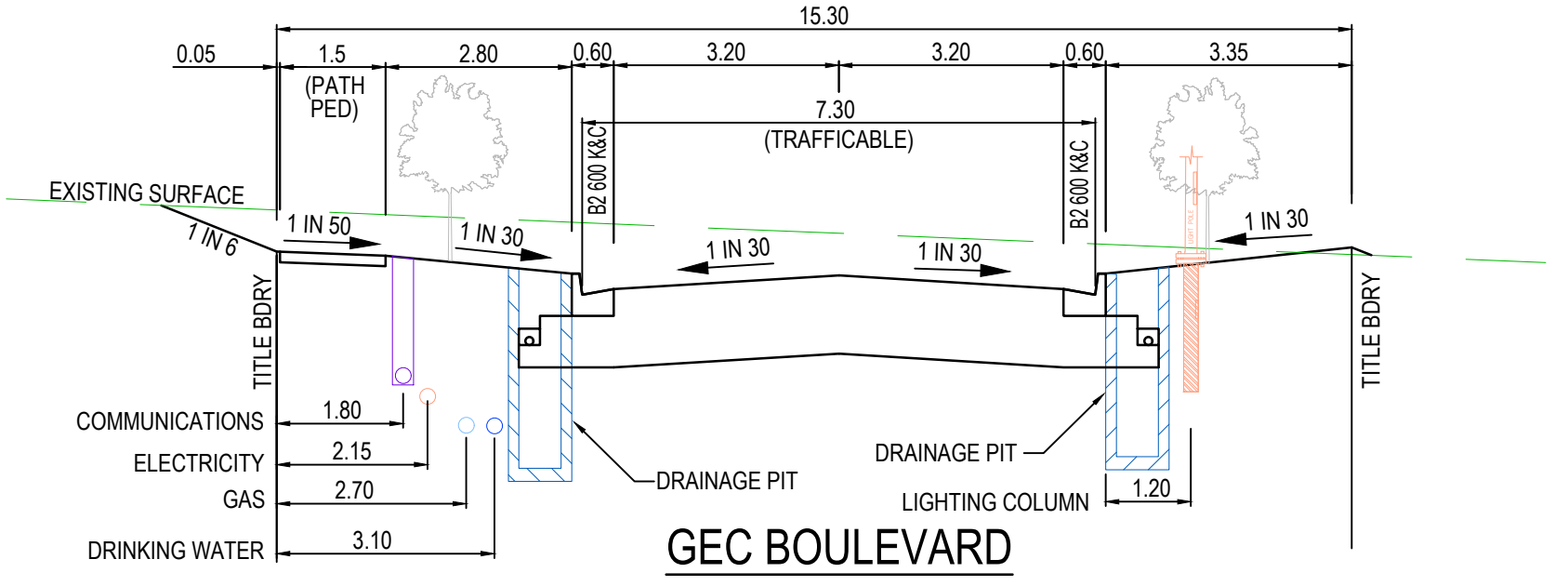
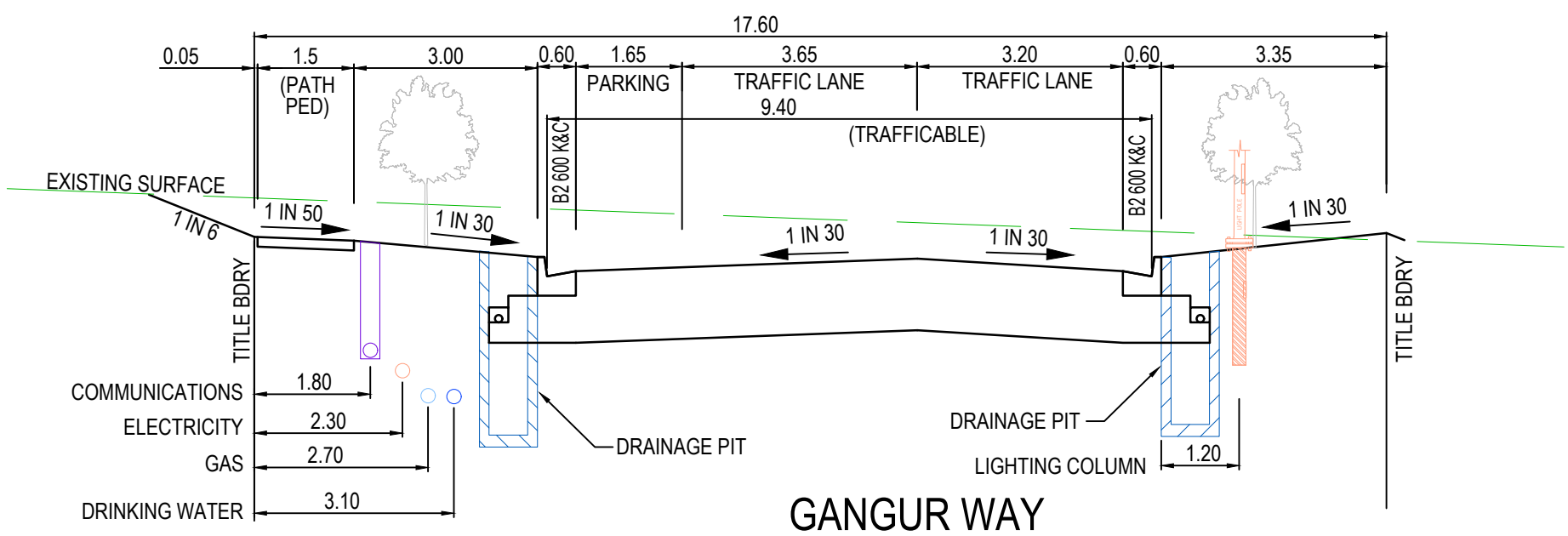
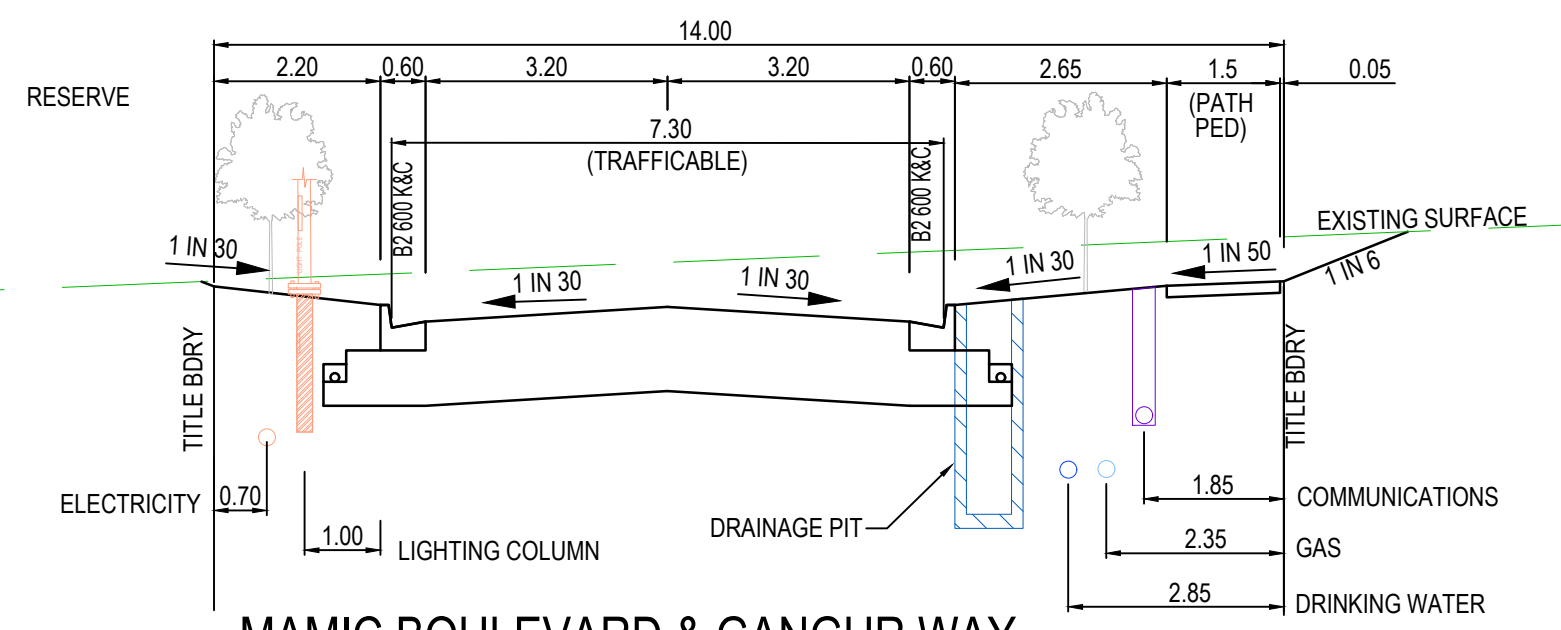
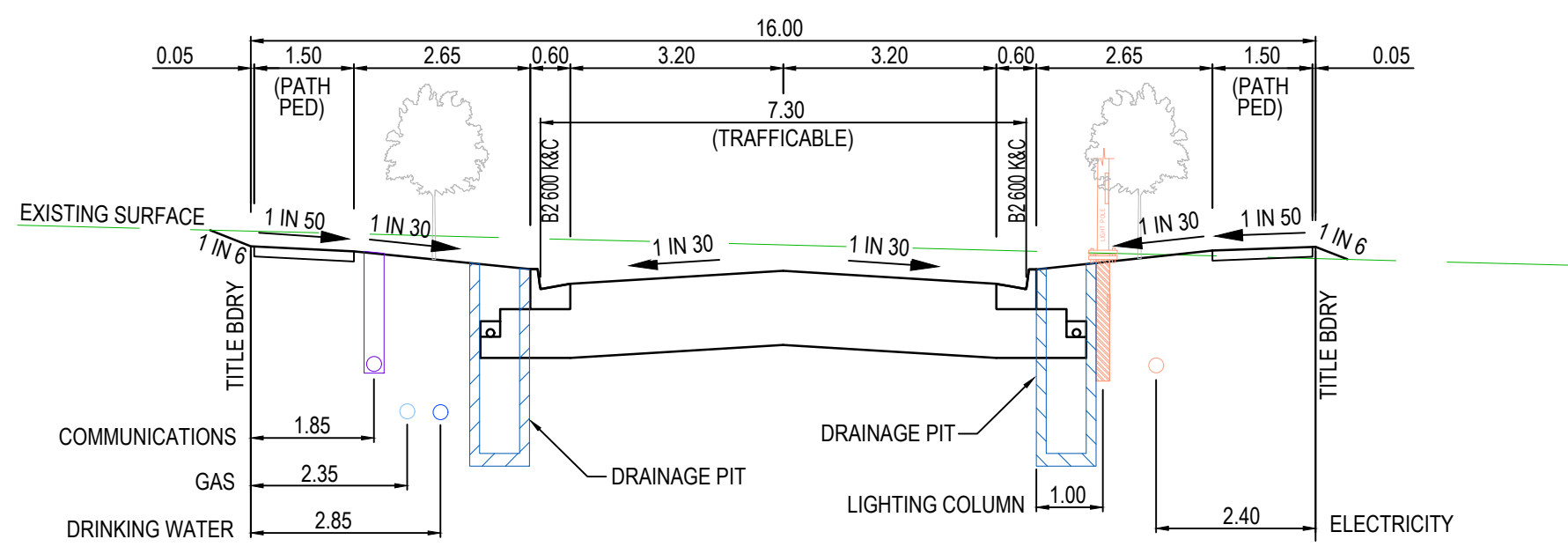
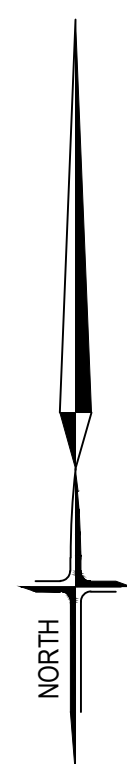
AS CONSTRUCTED

ATTENTION TO CONTRACTOR

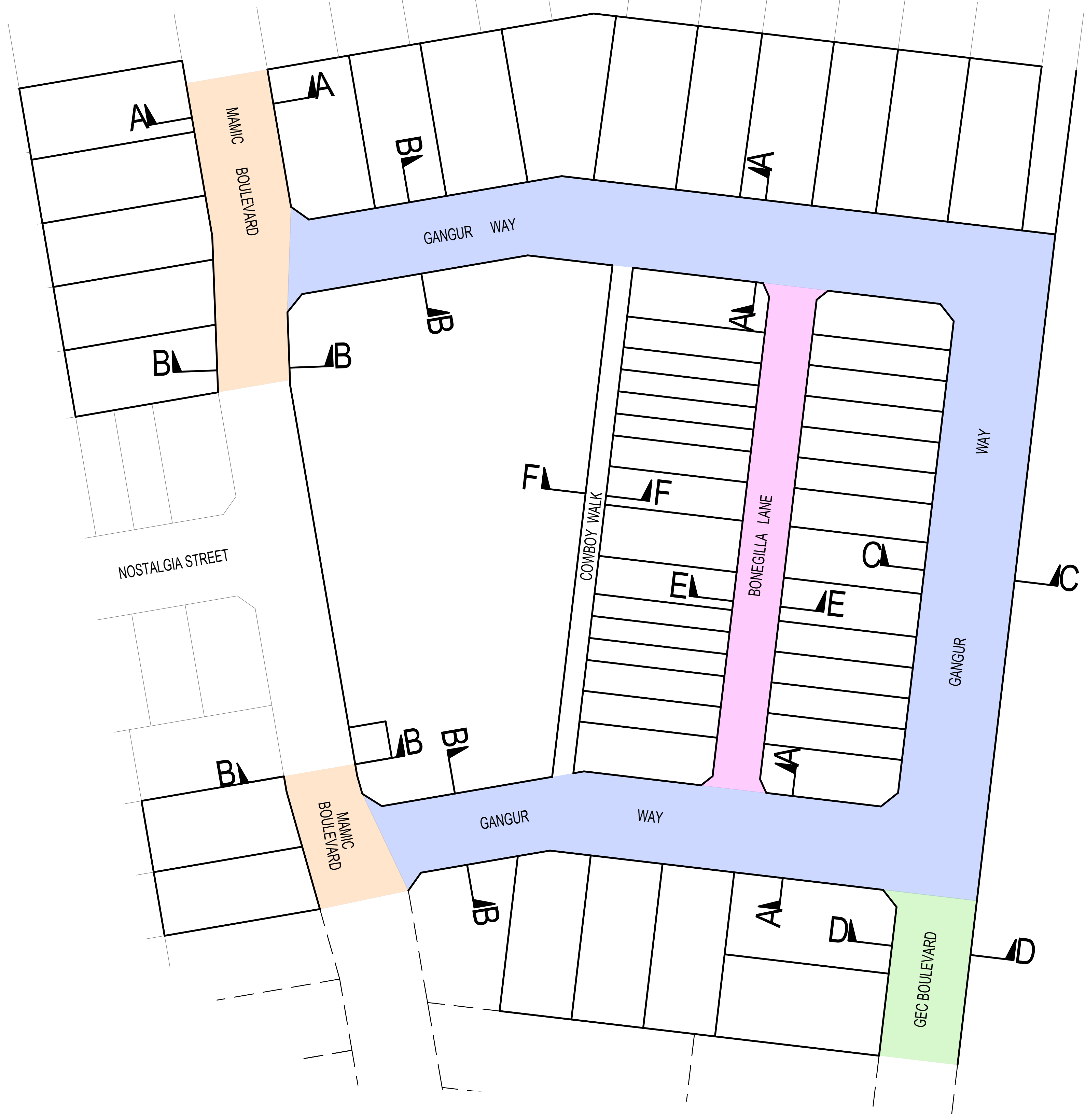
- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM CO-ORDINATES SHOWN.
- WHERE CONCRETE WORKS ABOUT A SEWER ACCESS CHAMBER SURROUND OR SIMILAR STRUCTURE, AN EXPANSION JOINT OF APPROVAL MATERIAL SHALL BE PROVIDED BETWEEN THE TWO FACES.
- 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.

PLAN
SCALE 1:500

AMENDMENTS	G	17.09.24	ROAD NAME AND SHEET INDEX AMENDED	MELWAY REF. 356-C-2	breese pitt dixon pty. ltd. land surveyors civil engineers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310		
	F	30.08.2024	SHEET INDEX AMENDED					
	E	11.07.24	ELECTRICAL ALIGNMENTS AMENDED					
	D	20.05.24	AMENDED AS PER COUNCIL COMMENTS					
C	21.03.24	LOT NUMBERS AND ROAD NAME AMENDED	SURVEY BPD	ASPIRE ESTATE STAGE 35A FUNCTIONAL LAYOUT PLAN	MUNICIPALITY MELTON			
B	29.02.24	LOT LEVELS AMENDED	DESIGN J.B			REFERENCE 8226 E/35A		
A	25.01.24	CONSTRUCTION ISSUE	DRAWN I.W					
VER	DATE	REMARKS	CHECKED C. HAGEN	SCALE 1:500	DATUM AHD	DATE NOV 2022	SHEET 01 OF 22	G



TYPICAL CROSS SECTIONS
SCALE HORIZONTAL 1:100
VERTICAL 1:50



PLAN
NOT TO SCALE

AS CONSTRUCTED

		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310		
AMENDMENTS	E 17.09.24 ROAD NAME AMENDED D 11.07.24 ELECTRICAL ALIGNMENTS AMENDED C 20.05.24 AMENDED AS PER COUNCIL COMMENTS B 21.03.24 LOT NUMBERS AND ROAD NAMES AMENDED A 25.01.24 CONSTRUCTION ISSUE	MELWAY REF. 356-C-2 SURVEY BPD DESIGN J.B. DRAWN I.W. CHECKED C. HAGEN	ASPIRE ESTATE STAGE 35A TYPICAL CROSS SECTIONS			MUNICIPALITY MELTON REFERENCE 8226 E/35A
VER	DATE	REMARKS	SCALE	DATUM	AHD	
			AS SHOWN	AHD	DATE NOV 2022	
			SHEET	02	OF 22	

Plate: Sg 12/201 - 10/01

GENERAL NOTES

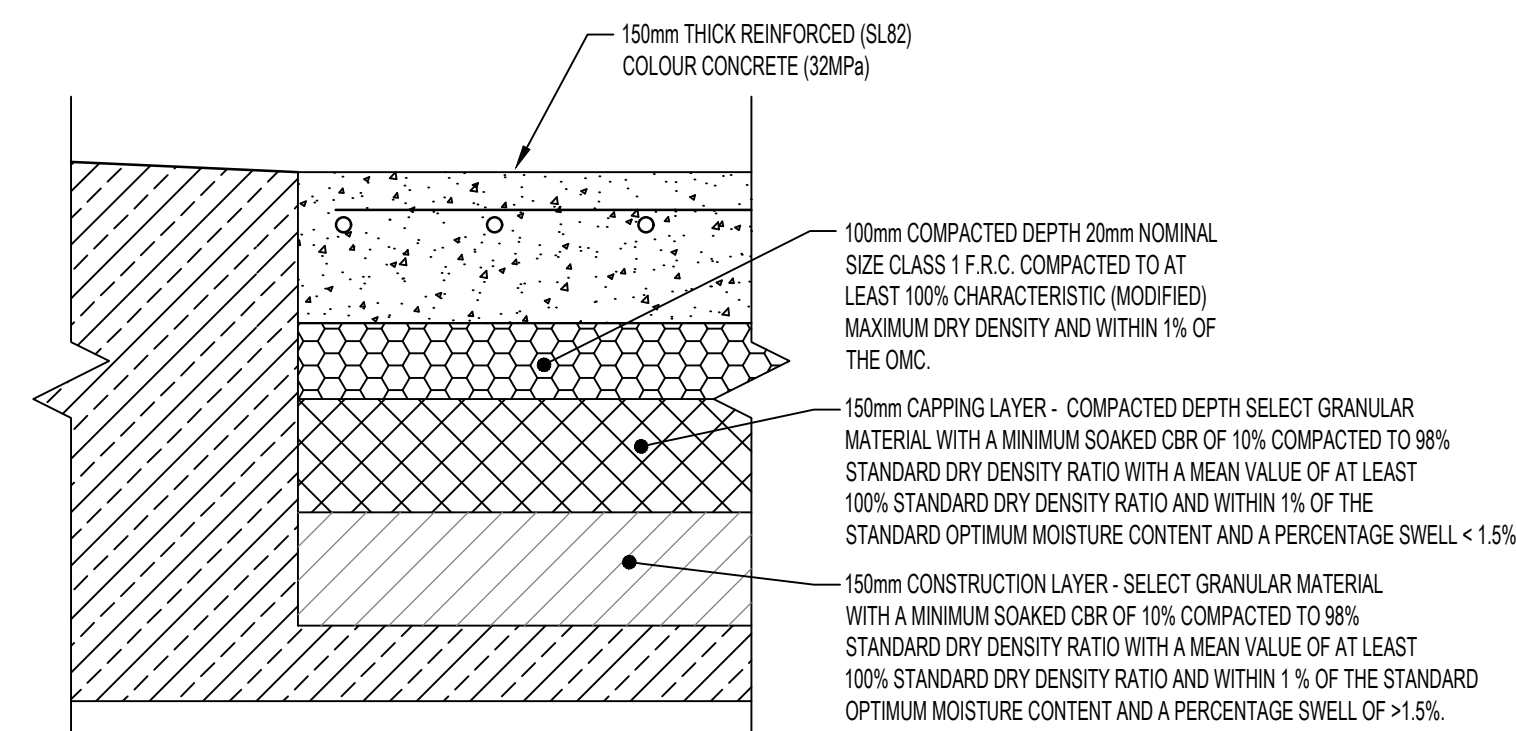
- CONSTRUCTION PLANS MUST BE ACCOMPANIED BY THE APPROVED SPECIFICATION. NO WORK IS TO COMMENCE WITHOUT EVIDENCE OF POSSESSION OF EACH.
- ALL WORKS TO BE CARRIED OUT TO STANDARD DRAWINGS AND SPECIFICATION AS APPROVED BY CITY OF MELTON AND TO THE SATISFACTION OF THE ENGINEER AND THE MUNICIPAL ENGINEER. IN CASE OF A DISPUTE THE SPECIFICATION MUST TAKE PRECEDENCE.
- FOR SPECIFICATION REFER SPECIFICATION STAGE 1. TAYLORS HILL ESTATE (INCORPORATING UPDATED SECTION 1A)
- COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
- PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN. MINIMUM COVER TO BE 400mm. REFER VPA STD DWGS EDM701, EDM702 & EDM703.
- LOTS DENOTED THUS 25H ARE TO BE PROVIDED WITH A 100mm DIA. HOUSE DRAIN PLACED 5.5m FROM LOW CORNER OF LOT UNLESS OTHERWISE SHOWN. REFER VPA STD DWGS EDM701 & EDM703.
- AGRICULTURAL PIPE DRAINS, AS PER VPA STD DWG EDM202, TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER FITCHERS AND WHERE DIRECTED BY THE ENGINEER.
- DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM PIPE CHAINAGES. CENTRELINE OF PITS AT TPs TO BE OFFSET 1.00 METRE.
- ALL 150mm TO 750mm DIA. TO BE R.C.(RRJ) AND 825mm DIA. AND GREATER TO BE R.C.(U). PIPES LAYED ON A CURVE TO BE RRJ. ALL CONCRETE PIPES TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.
- WHERE DRAINAGE PIPES ARE LOCATED WITHIN NATURE STRIPS, THE TRENCH SHALL BE BACKFILLED WITH COMPACTED CLASS 3 F.C.R. UPTO A LEVEL WHERE THE 45deg. INFLUENCE LINE FROM THE B.O.K. INTERSECTS WITH THE NEAREST TRENCH SIDE. PROVIDE CRUSHED ROCK BACKFILL WHERE DRAINAGE CROSSES BELOW FOOTPATHS.
- PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm CLASS 3 CRUSHED ROCK TO A RELATIVE COMPACTION OF 97% OF THE MAXIMUM FOUND IN THE STANDARD COMPACTION TEST FOR THE FOLLOWING:
 - BENEATH THE ROAD OR DRIVEWAY PAVEMENT TO THE UNDERSIDE OF THE PAVEMENT.
 - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY A 45 DEGREE ANGLE OF REPOSE FROM THE NEAR LOWER EDGE. (TRENCHES TO BE BACKFILLED IN LAYERS NOT EXCEEDING 200mm LOOSE.)
- 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 LOGGED WITH THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
- BATTERS SHALL BE 1 IN 6 FOR FILL AND 1 IN 6 FOR CUT UNLESS OTHERWISE SHOWN.
- ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM SITE.
- LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER, ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE.
- ALL RESERVE AREAS ARE TO BE SMOOTHED, GRADED, TOPSOILED WHERE REQUIRED WITH A 100mm COMPACTED LAYER OF TOPSOIL AND SEEDED USING AN APPROVED SEED MIX AND METHOD OF SOWING, SUCH THAT THE SURFACE IS SELF-DRAINING, STONE FREE AND ABLE TO BE MAINTAINED BY CONVENTIONAL MOWING EQUIPMENT.
- FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON THE 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.
- 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.
- EARTH FILL IS TO BE COMPACTED TO A RELATIVE COMPACTION COMPARED TO A STANDARD COMPACTION TEST AS SPECIFIED BY VICROADS CORPORATION OF:
 - 100% FOR ALL FILL MATERIAL AND MATERIAL UNDER FILL THAT IS LESS THAN 450mm FROM THE SURFACE.
 - 95% FOR ALL FILL NOT COVERED AS ABOVE.
- NATURESTRIP AND AREAS OF CUT ARE TO BE TOPSOILED AND GRASSED TO THE SATISFACTION OF THE ENGINEER. MINIMUM DEPTH TO BE 100mm.
- ALL NATIVE TREES AND SHRUBS TO BE RETAINED UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL OR REMOVAL IS DIRECTED BY THE ENGINEER. NO EXCAVATION WITHIN 5m OF ANY EXISTING NATIVE TREE WITHOUT APPROVAL OF THE ENGINEER.
- WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED, BY THE CONTRACTOR, PRIOR TO THE COMMENCEMENT OF WORKS.
- SERVICES CONDUITS ARE TO BE PROVIDED AT 90deg TO KERB AND CHANNEL UNLESS OTHERWISE SHOWN AND THE LOCATION IS TO BE MARKED ON THE FACE OF KERB. ALL SERVICE CONDUITS TO BE MINIMUM STANDARD OF CLASS 6, WITH A MINIMUM COVER OF 75mm ABOVE TOP OF CONDUIT TO SUB GRADE LEVEL, AND A SIZE SUITABLE TO SERVICE BUT NOT LESS THAN 50mm.
- WATER AND GAS CONDUITS TO BE CONSTRUCTED ACROSS NATURE STRIPS AFTER ELECTRICAL CABLE WORK IS COMPLETED.
- 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.
- TELSTRAN/N Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- VEHICLE CROSSINGS TO BE OFFSET 0.75m FROM SIDE BOUNDARIES AND EASEMENTS UNLESS OTHERWISE SHOWN AND A MINIMUM OF 0.75m CLEAR OF PITS. VEHICULAR CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF MELTON STANDARD DRAWINGS MSC501 TO MSC506.

VEHICULAR CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH GAA STANDARD DRAWINGS FIG010 & FIG011. ACROSS THE WINGED SECTION CONTRACTOR TO PROVIDE TWO 450mm LONG N12 DEFORMED BARS, CENTRALLY LOCATED, AT 300mm CENTRES.
- ALL RESIDENTIAL FOOTPATHS SHALL BE 1.5m WIDE (MIN.) AND SHARED PEDESTRIAN/CYCLE PATHS SHALL BE 2.5m (MIN.). CONCRETE PATHS ARE TO BE 125mm THICK REINFORCED WITH SL72 MESH 50mm TOP COVER AND UNDERLAIN BY 50mm OF CLASS 3 CR. REFER VPA STD DWG EDM401.

- PRAM CROSSINGS ARE TO BE CONSTRUCTED WHERE FOOTPATHS CONNECT TO THE BACK OF KERB & CHANNEL. REFER TO COUNCIL STD DWG MCC403.
- STREET SIGNS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARDS.
- THE CONTRACTOR SHALL TO THE SATISFACTION OF THE ENGINEER AND THE MUNICIPAL ENGINEER, PROVIDE AND MAINTAIN INCLUSIVE OF STREET SIGNS, ALL NECESSARY REGULATORY SIGNS, WARNING SIGNS, LIGHTING, LINEMARKING AND BARRICADING TO COMPLY WITH THE REQUIREMENTS OF VICROADS SIGNING CODE OF PRACTICE.
- THE CONTRACTOR IS TO SUPPLY AND ERECT ALL RELEVANT STREET SIGNAGE AND LINE MARKING AS PART OF THE CONTRACT IN ACCORDANCE WITH VICROADS SPECIFICATION SECTIONS 710 & 722 AND AS1742.1, 2 & 3.
- ALL ROADS TO BE CONSTRUCTED WITH B2 KERB & CHANNEL UNLESS OTHERWISE SHOWN. REFER VPA STD DWG EDM301.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A ROAD OPENING PERMIT FOR WORKS IN PREVIOUSLY CONSTRUCTED ROADWAYS.
- IF BLASTING IS REQUIRED THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A PERMIT TO BLAST AND MAINTAINING SAFETY REGULATIONS ON SITE IN COMPLIANCE WITH THE EXPLOSIVES ACT 1960. THE PERSON WHO IS USING THE EXPLOSIVES ON THE SITE IS TO BE A HOLDER OF A CURRENT PERMIT TO USE EXPLOSIVES ISSUED UNDER THE EXPLOSIVES ACT 1960.
- PATTERNED CONCRETE TO BE DOWELLED INTO ADJACENT KERB AND CHANNEL AT 300mm CTS USING 450mm LONG S12 BARS. ONE END OF DOWEL TO BE SLEEVED OR GREASED.
- THE RELATIVE COMPACTION OF CRUSHED ROCK SHALL BE COMPLETED AT THE OPTIMUM MOISTURE CONTENT TO A DRY DENSITY (BASED ON THE PERCENTAGE OF THE MAXIMUM DRY DENSITY OBTAINED IN THE MODIFIED COMPACTION TEST) AS BELOW.
 - FOR DEPTH 0-100mm BELOW TOP OF BASE: RELATIVE COMPACTION = 100%
 - FOR DEPTH 100-300mm BELOW TOP OF BASE: RELATIVE COMPACTION = 98%
 - FOR DEPTH OVER 300mm BELOW TOP OF BASE: RELATIVE COMPACTION = 97%
- THE SUBGRADE BELOW ALL PAVEMENTS SHALL BE COMPACTED TO A DRY DENSITY OF NOT LESS THAN 100% OF THE MAXIMUM DRY DENSITY OBTAINED IN THE STANDARD COMPACTION TEST IN AREAS OF CUT TO A DEPTH OF 150mm AND IN AREAS OF FILL TO A DEPTH OF 450mm.
- CONCRETE TO HAVE A 28 DAY STRENGTH OF 25 Mpa.
- ALL SPLAYS ARE 3.00m X 3.00m UNLESS OTHERWISE SHOWN.
- ALL LEVELS ARE TO THE AUSTRALIAN HEIGHT DATUM (A.H.D.)
- 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.
- THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBMS TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBMS 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.
- 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.
- PROVIDE 1.8m HIGH PALING FENCE ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND MUNICIPAL RESERVE. PALINGS TO BE ON THE RESERVE SIDE AND STAINED IN A DARK GREEN COLOUR ON THE SIDE FACING THE RESERVE TO THE SATISFACTION OF COUNCIL.
- PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MW STD. DWG. 725/14/203) ALONG FULL EXTENT OF OUTFALL DRAINS. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.

PIT SCHEDULE NOTES

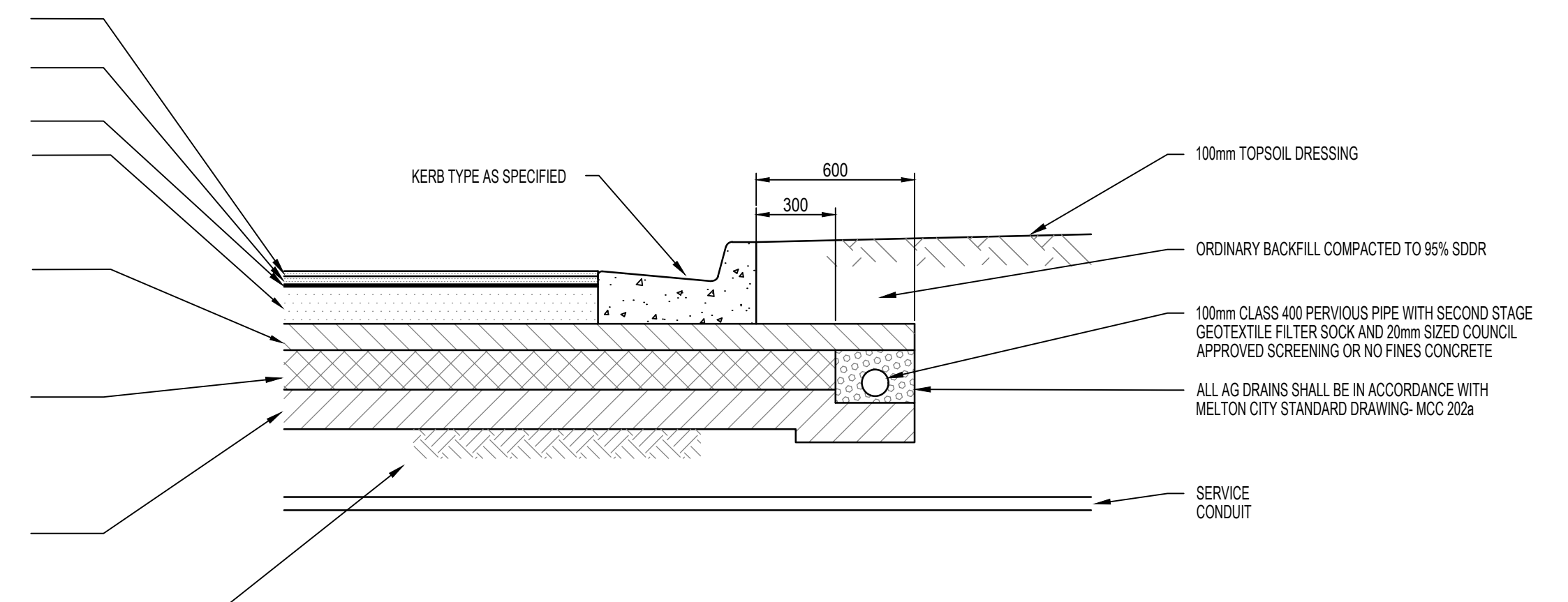
- WHERE PIT HAUNCHING IS REQUIRED, INTERNAL PIT WALL DIMENSIONS MUST ALLOW 50mm CLEARANCE EACH SIDE OF PIPE OUTSIDE DIAMETER, INCLUDING ANGULAR PIPE ENTRY TO PIT. MINIMUM DIMENSIONS OF PIT BASE ARE TO BE AS PER SIZES SPECIFIED IN THE PIT SCHEDULE. TOP OF PIT OPENING FOR ALL HAUNCHED PITS TO BE 900mm x 600mm.
- PIT BASE TO BE SHAPED TO MATCH LOWER HALF OF PIPE WHERE DROP ACROSS PIT IS LESS THAN 50mm.
- ALL PITS LOCATED WITHIN THE ROAD RESERVE (INDICATED THUS *) SHALL BE PROVIDED WITH TERRA FIRMA OR APPROVED EQUIVALENT PIT LID WITH A LOCKABLE COVER.



PAVEMENT DETAILS
BONEGILLA LANE
NOT TO SCALE

SHADED AS ON SHEET 02 PLAN

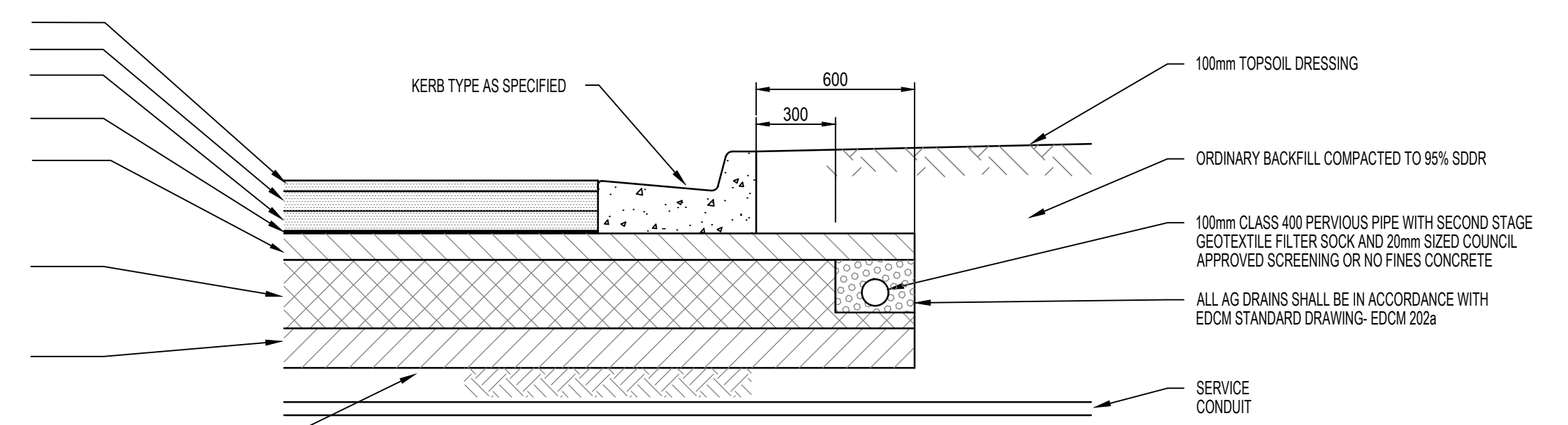
- 20mm COMPACTED DEPTH 7mm NOMINAL SIZE TYPE 'L' ASPHALT WITH C320 BINDER
 - 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'N' ASPHALT WITH C320 BINDER
 - 10mm SAMI SEAL WITH CLASS S18RF BINDER AND BITUMINOUS PRIME
 - 140mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 FINE CRUSHED ROCK, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY RATIO AND WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT
 - 100mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK, COMPACTED TO AT LEAST 95% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 98% MODIFIED DRY DENSITY RATIO AND WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT
 - 150mm CAPPING LAYER - COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% STANDARD DRY DENSITY RATIO AND WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL < 1.5%.
 - 150mm CONSTRUCTION LAYER - SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% STANDARD DRY DENSITY RATIO AND WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL > 1.5%.
- TOTAL PAVEMENT DEPTH 600mm
- SUBGRADE - NATURAL SILTY CLAY TESTED TO CONFIRM AN IN-SITU CBR OF AT LEAST 2% OR APPROVED FILL COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR >2%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT.



PAVEMENT DETAILS
ALL OTHER ROADS - 600mm DEPTH

SHADED AS ON SHEET 02 PLAN

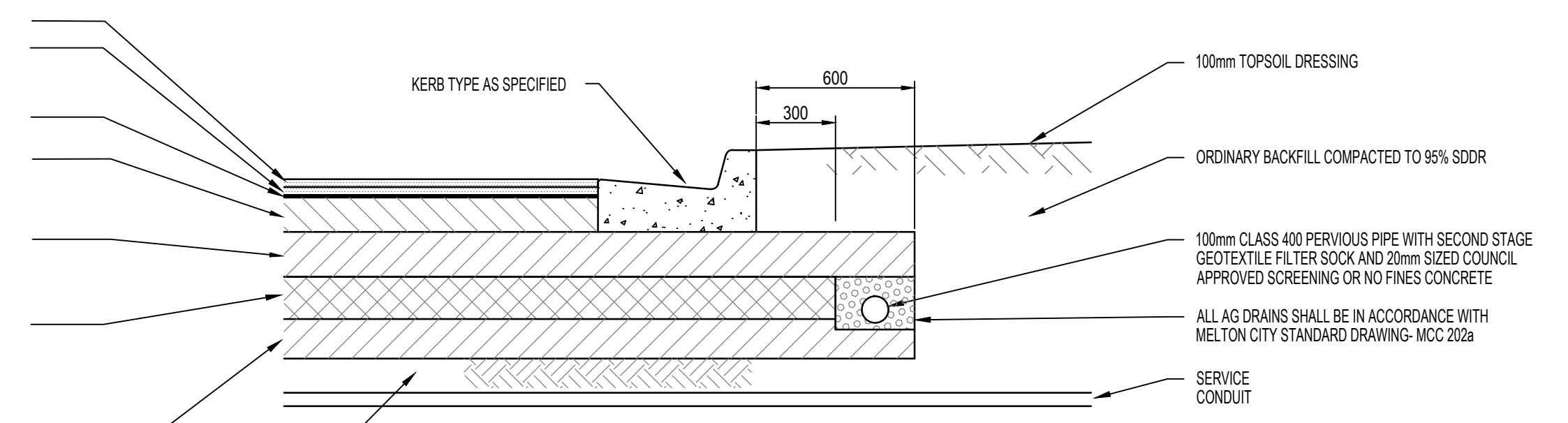
- 40mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE 'Y' ASPHALT WITH C320 BINDER
 - 75mm COMPACTED DEPTH 20mm NOMINAL SIZE TYPE 'S' ASPHALT WITH C320 BINDER
 - 75mm COMPACTED DEPTH 20mm NOMINAL SIZE TYPE 'S' ASPHALT WITH C320 BINDER
 - 10mm SAMI SEAL WITH CLASS S18RF BINDER AND BITUMINOUS PRIME
 - 100mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 FINE CRUSHED ROCK, COMPACTED TO AT LEAST 100% CHARACTERISTIC MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY RATIO AND WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT
 - 22mm CAPPING LAYER - 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
 - 150mm CONSTRUCTION LAYER - 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
- TOTAL PAVEMENT DEPTH 680mm
- SUBGRADE - NATURAL SILTY CLAY TESTED TO CONFIRM AN IN-SITU CBR OF AT LEAST 2% OR APPROVED FILL COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR >2%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT.



PAVEMENT DETAILS
MAMIC BOULEVARD - 660mm DEPTH

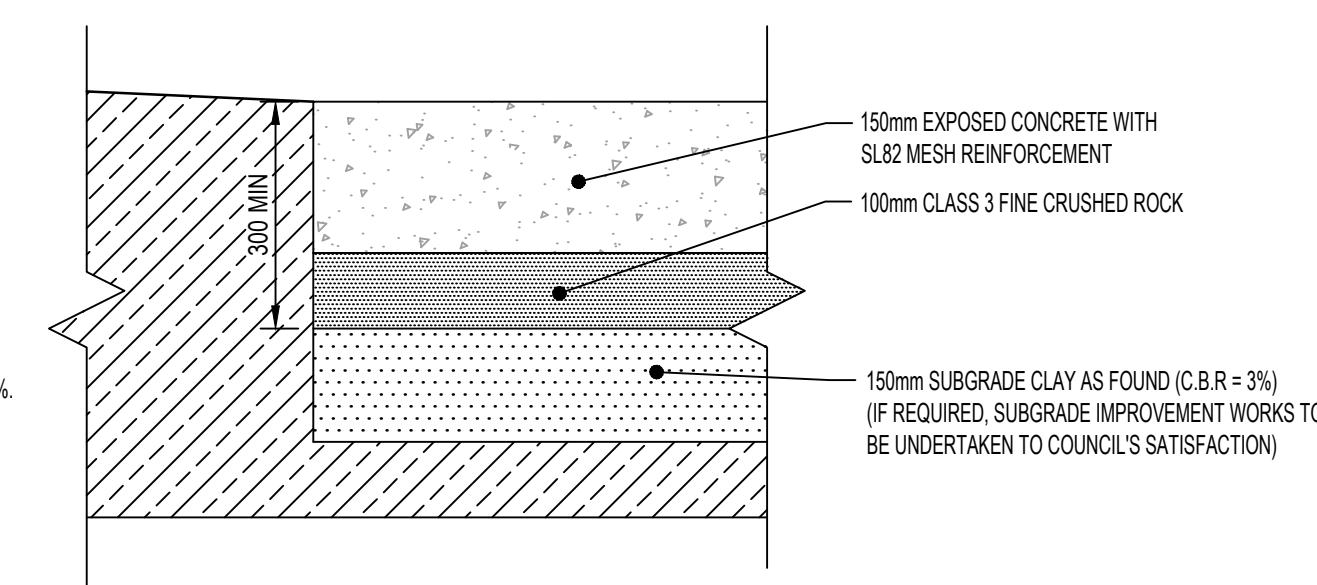
SHADED AS ON SHEET 02 PLAN

- 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'N' ASPHALT WITH C320 BINDER
 - 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'N' ASPHALT WITH C320 BINDER
 - 10mm SAMI SEAL WITH CLASS S18RF BINDER AND BITUMINOUS PRIME
 - 130mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 FINE CRUSHED ROCK, COMPACTED TO AT LEAST 100% CHARACTERISTIC MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT
 - 170mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK, COMPACTED TO AT LEAST 98% CHARACTERISTIC MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT
 - 160mm CAPPING LAYER - COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% STANDARD DRY DENSITY RATIO AND WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL < 1.5%.
 - 150mm CONSTRUCTION LAYER - COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% STANDARD DRY DENSITY RATIO AND WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL < 1.5%.
- TOTAL PAVEMENT DEPTH 680mm
- SUBGRADE - NATURAL SILTY CLAY TESTED TO CONFIRM AN IN-SITU CBR OF AT LEAST 2% OR APPROVED FILL COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR >2%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT.



PAVEMENT DETAILS
GEC BOULEVARD - 680mm DEPTH

SHADED AS ON SHEET 02 PLAN



PAVEMENT DETAILS
CONCRETE INFILL
NOT TO SCALE

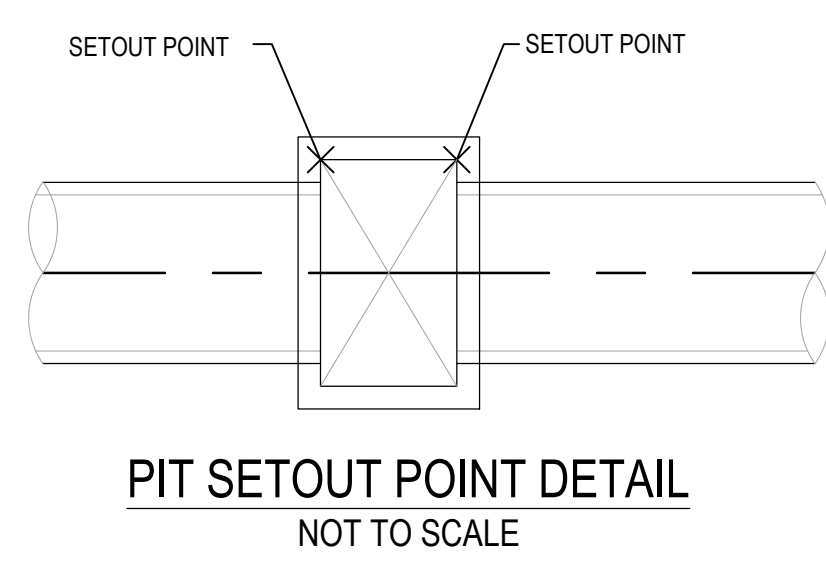
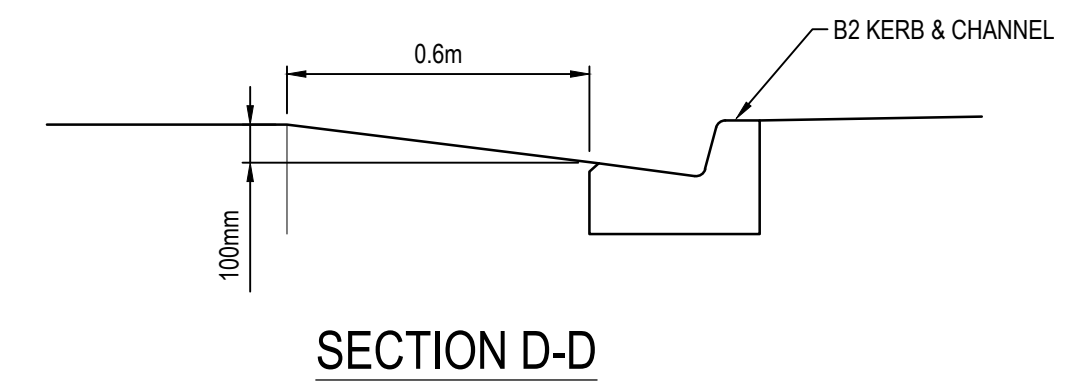
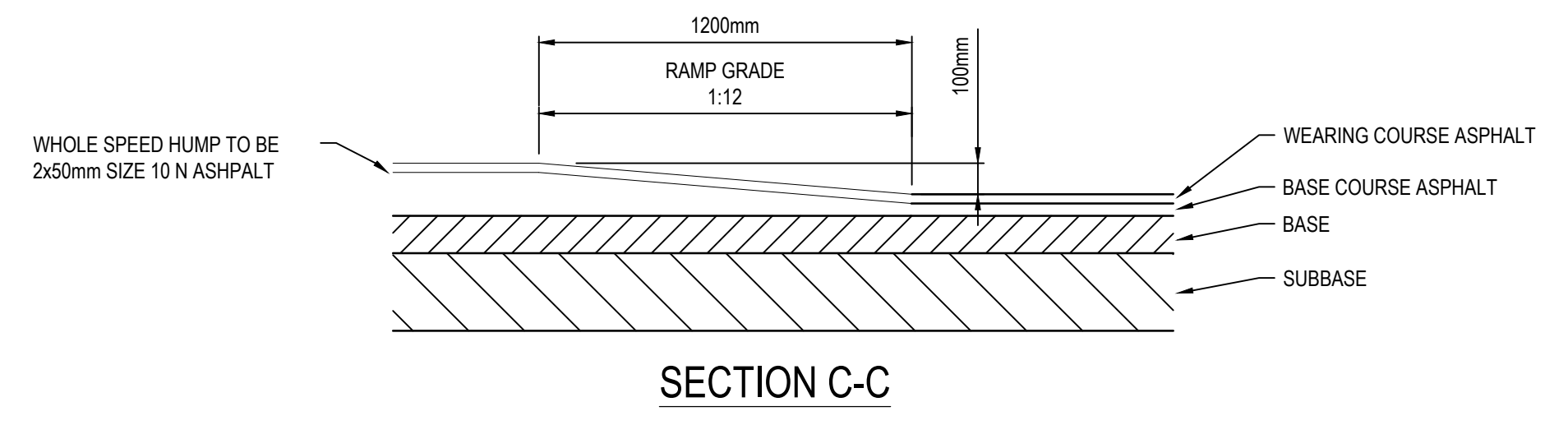
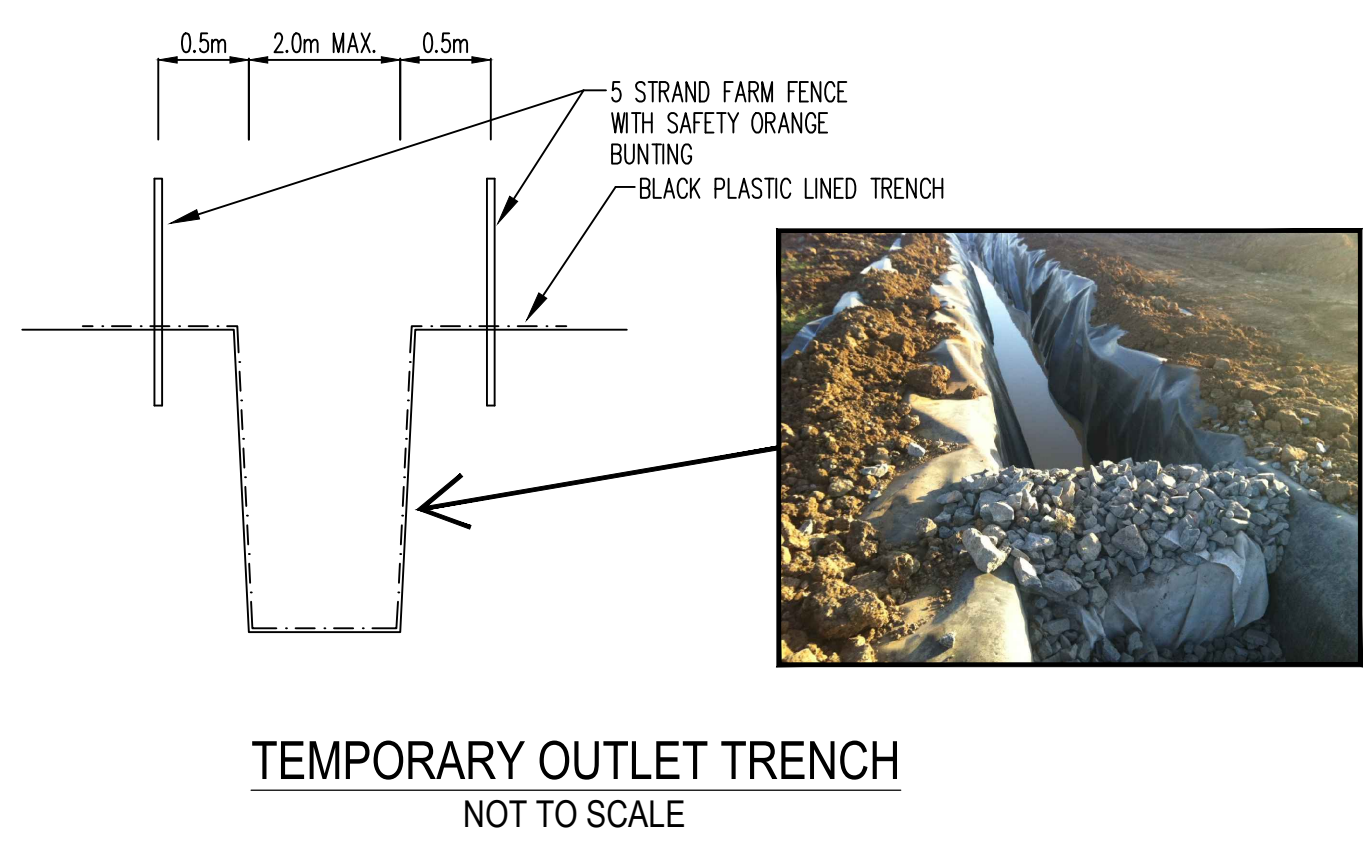
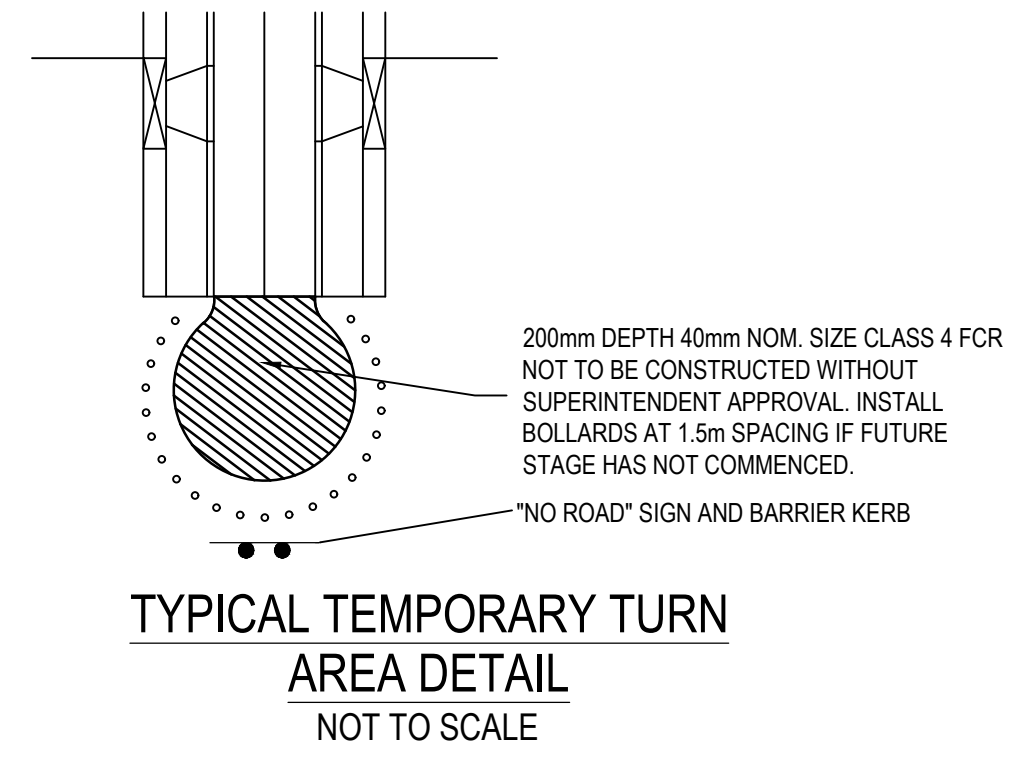
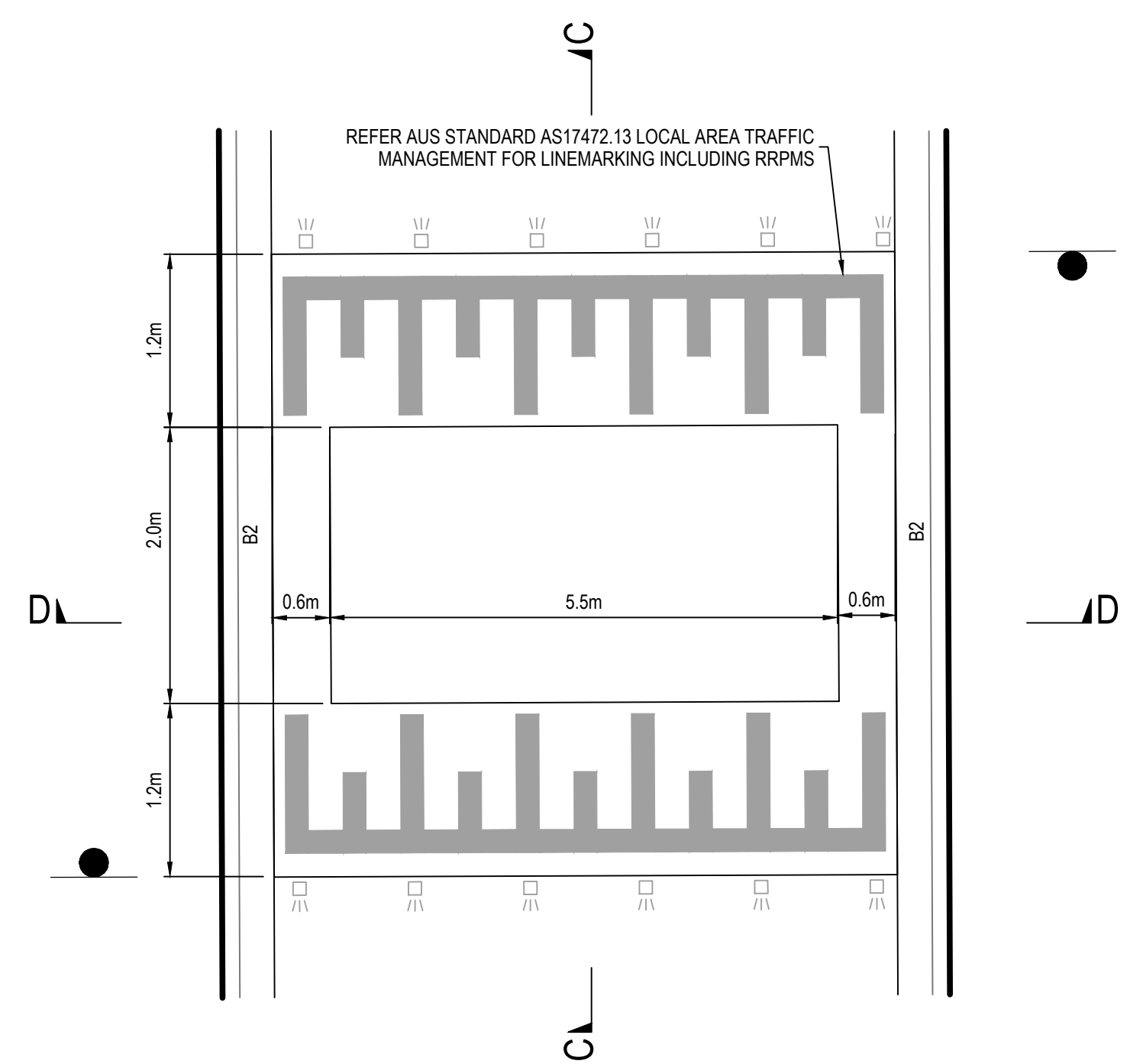
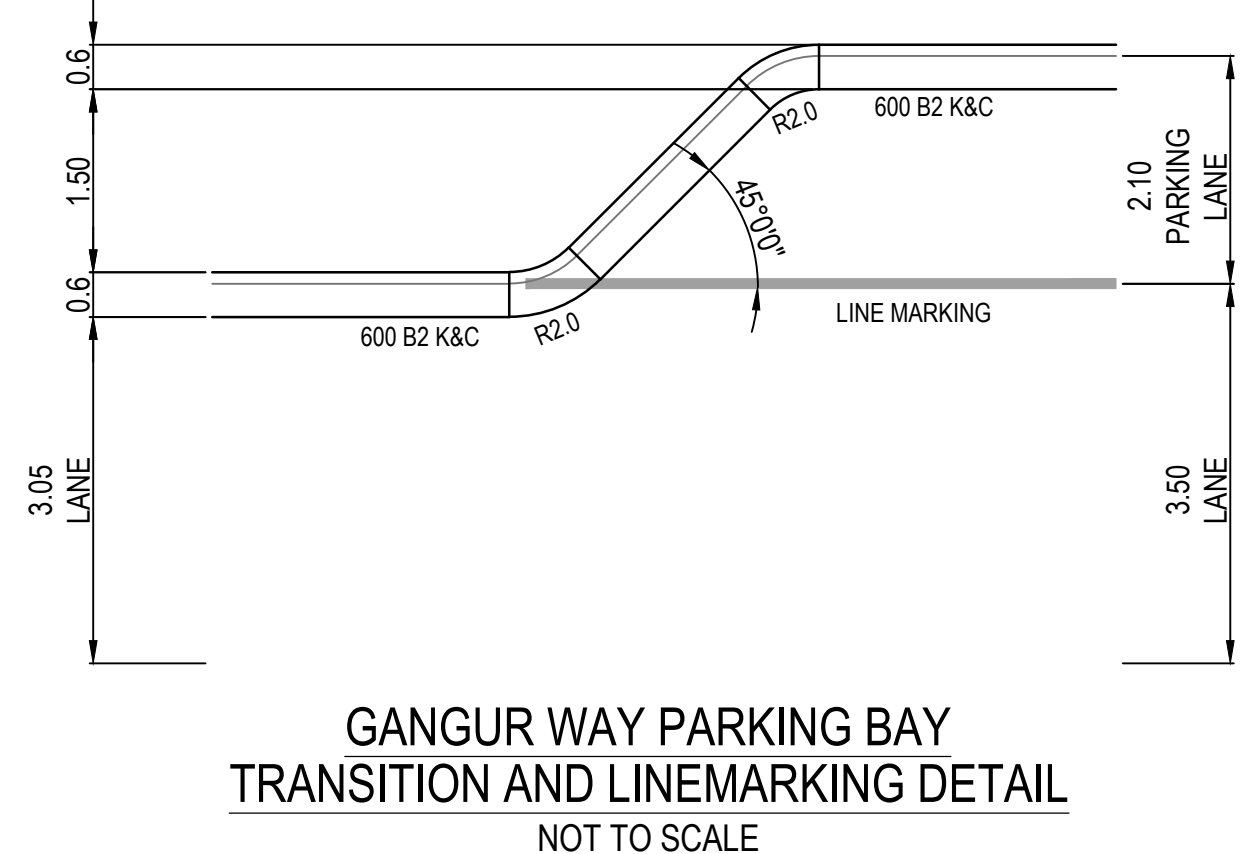
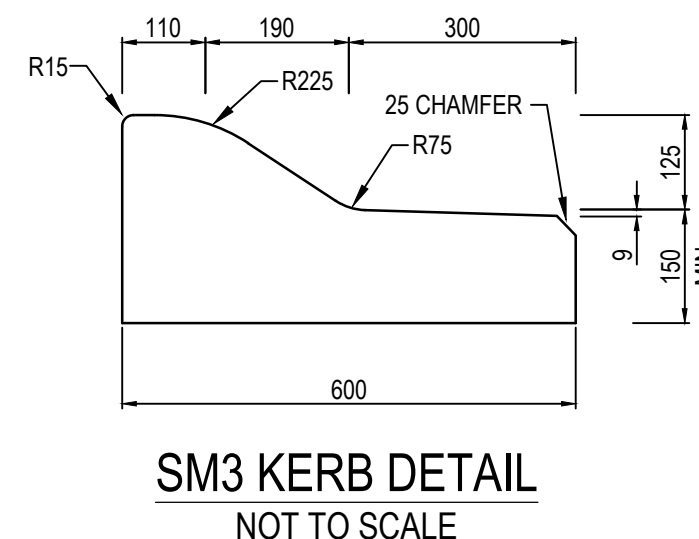
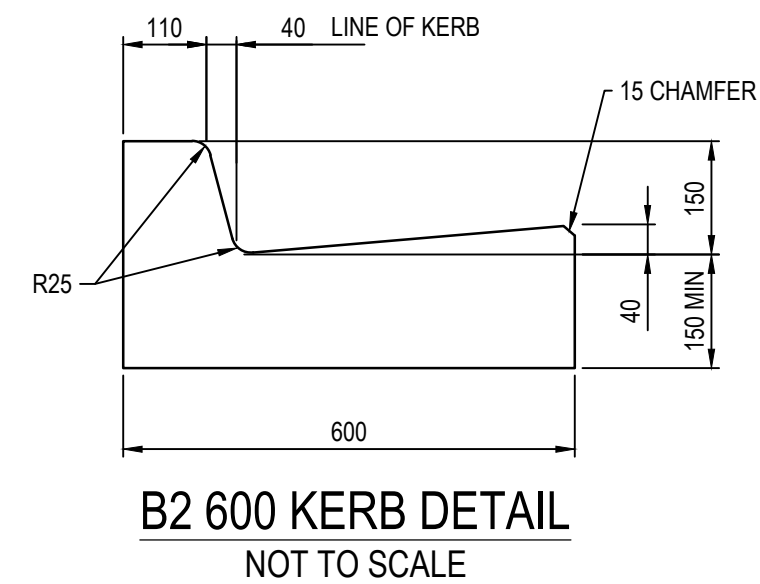
AS CONSTRUCTED

SPECIFICATION FOR SAMI SEAL

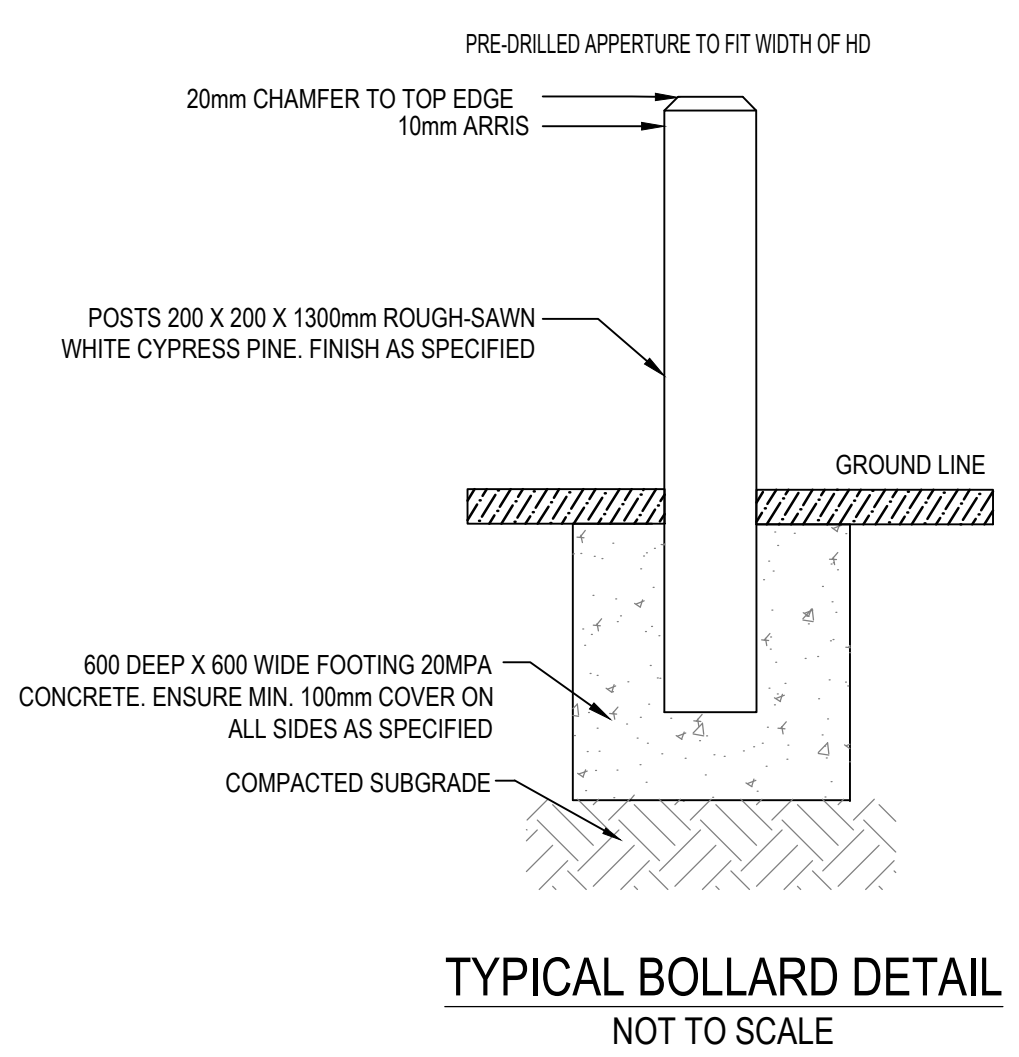
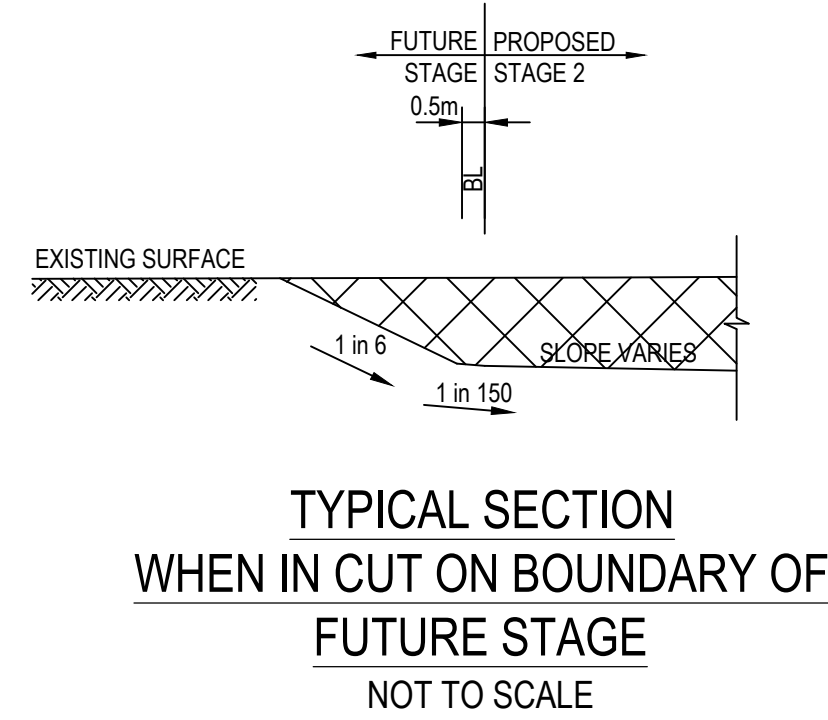
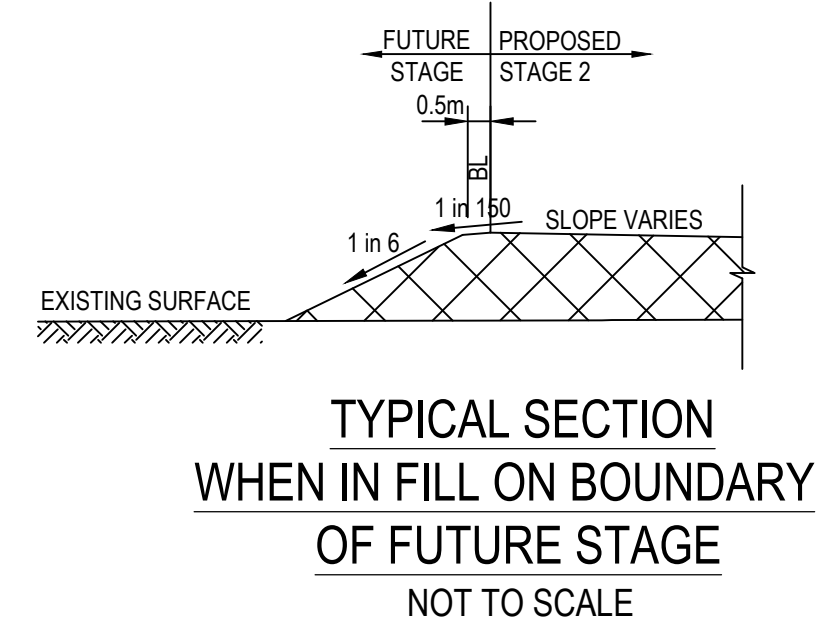
THE SAMI TREATMENT SHOULD CONSIST OF A SIZE 10 SPRAYED SEAL USING CLASS S18RF BITUMEN CRUMB RUBBER BINDER PLACED AT AN APPLICATION RATE > 1.8m² AND COVERED WITH A LIGHT APPLICATION OF PRE-COATED SIZE 10 AGGREGATE. THE CLASS S18RF BINDER SHALL BE PRODUCED USING NOT LESS THAN 20 PARTS OF CRUMB RUBBER (18%) BY MASS OF BINDER. THE VOLUME OF CARRIER OIL USED BEFORE ANY CUTTING OIL IS ADDED SHALL NOT EXCEED 4 PARTS BY VOLUME OF BINDER.

IT IS IMPORTANT THAT THERE IS NO LOOSE AGGREGATE REMAINING ON THE SAMI SURFACE WHEN THE STRUCTURAL COURSE ASPHALT IS PLACED SO AS TO ENSURE A STRONG BOND BETWEEN THE SAMI TREATMENT AND THE SUBSEQUENT ASPHALT LAYER. THE SAMI TREATMENT SHALL BE PRECEDED BY PLACEMENT OF A BITUMINOUS PRIME, AND NOT A PRIMER SEAL, APPLIED TO THE UNDERLYING UNBOUND BASE MATERIAL.

		 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. 356-C-2 SURVEY BPD DESIGN J.B DRAWN I.W CHECKED C. HAGEN	
AMENDMENTS A 25.01.24 CONSTRUCTION ISSUE VER DATE REMARKS		SCALE AS SHOWN DATUM AHD DATE NOV 2022		SHEET 03 OF 22	
ASPIRE ESTATE STAGE 35A PAVEMENT COMPOSITION					

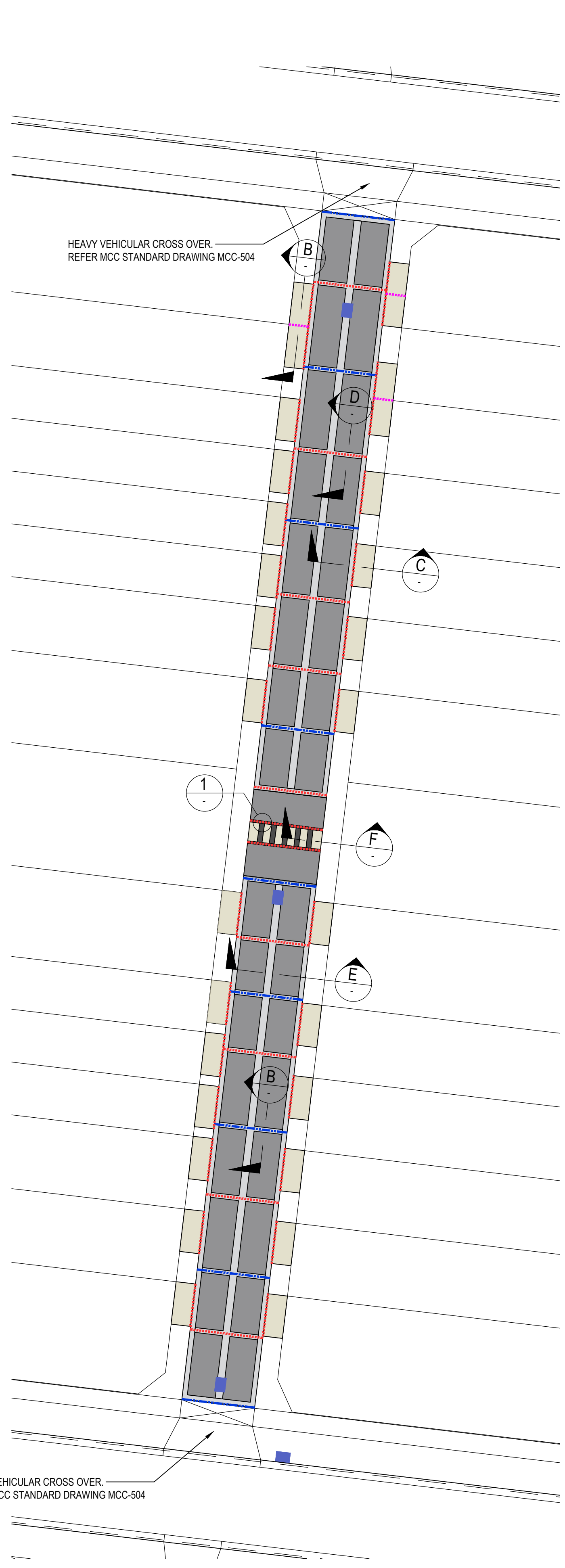


SETOUT DETAIL FOR SPEED HUMP NOT TO SCALE REFER MELTON CITY COUNCIL STANDARD DRAWING MCC 508 FOR DETAILS

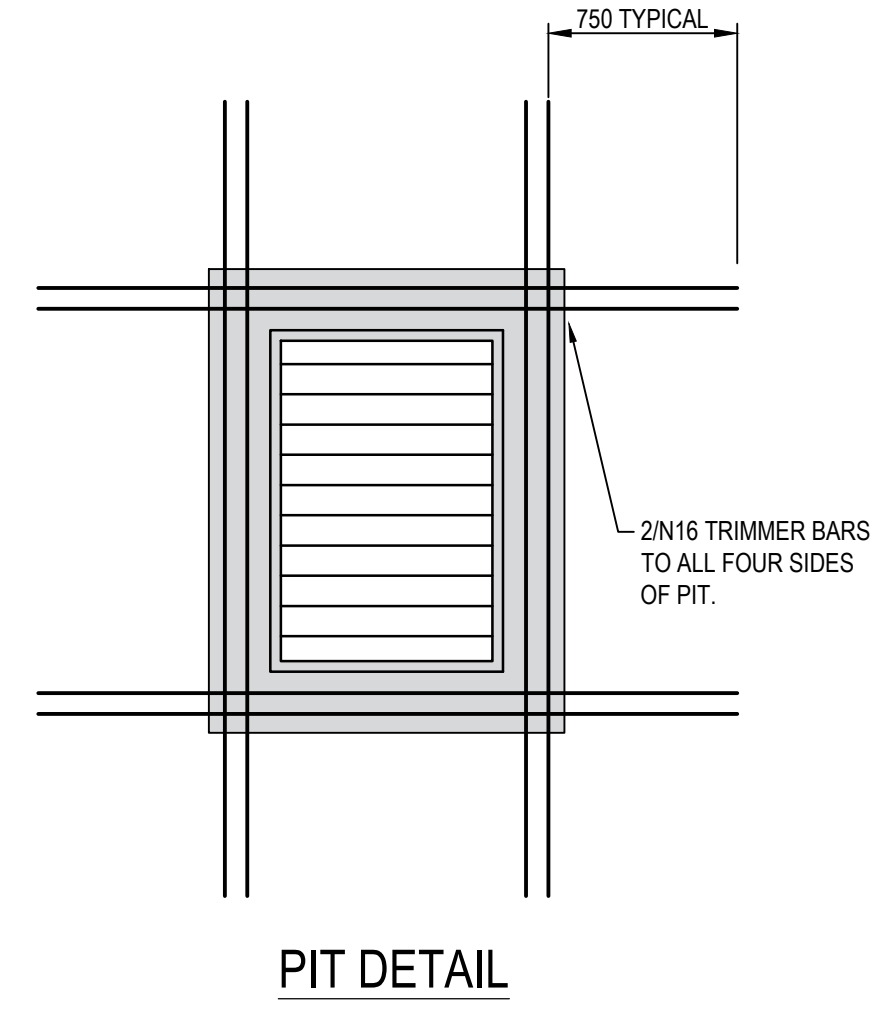


AS CONSTRUCTED

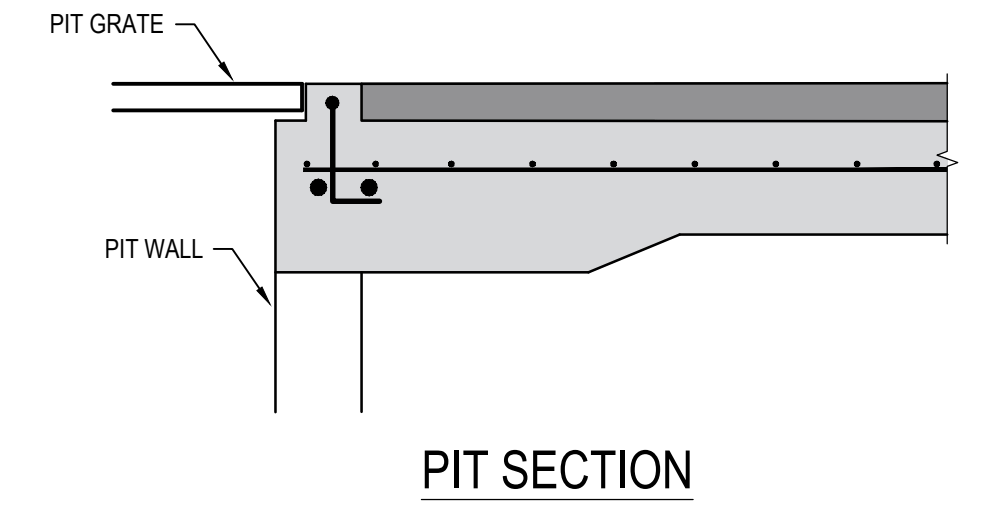
		 land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		MELWAY REF. 356-C-2		MUNICIPALITY MELTON	
AMENDMENTS C 17.09.24 ROAD NAME AMENDED SURVEY BPD B 21.03.24 ROAD NAME AMENDED DESIGN J.B A 25.01.24 CONSTRUCTION ISSUE DRAWN I.W		ASPIRE ESTATE STAGE 35A GENERAL DETAILS		REFERENCE 8226 E/35A	
VER	DATE	REMARKS	CHECKED	SCALE	DATE
			C. HAGEN	AS SHOWN	NOV 2022
			DATUM	AHD	
			SHEET	04 OF 22	C



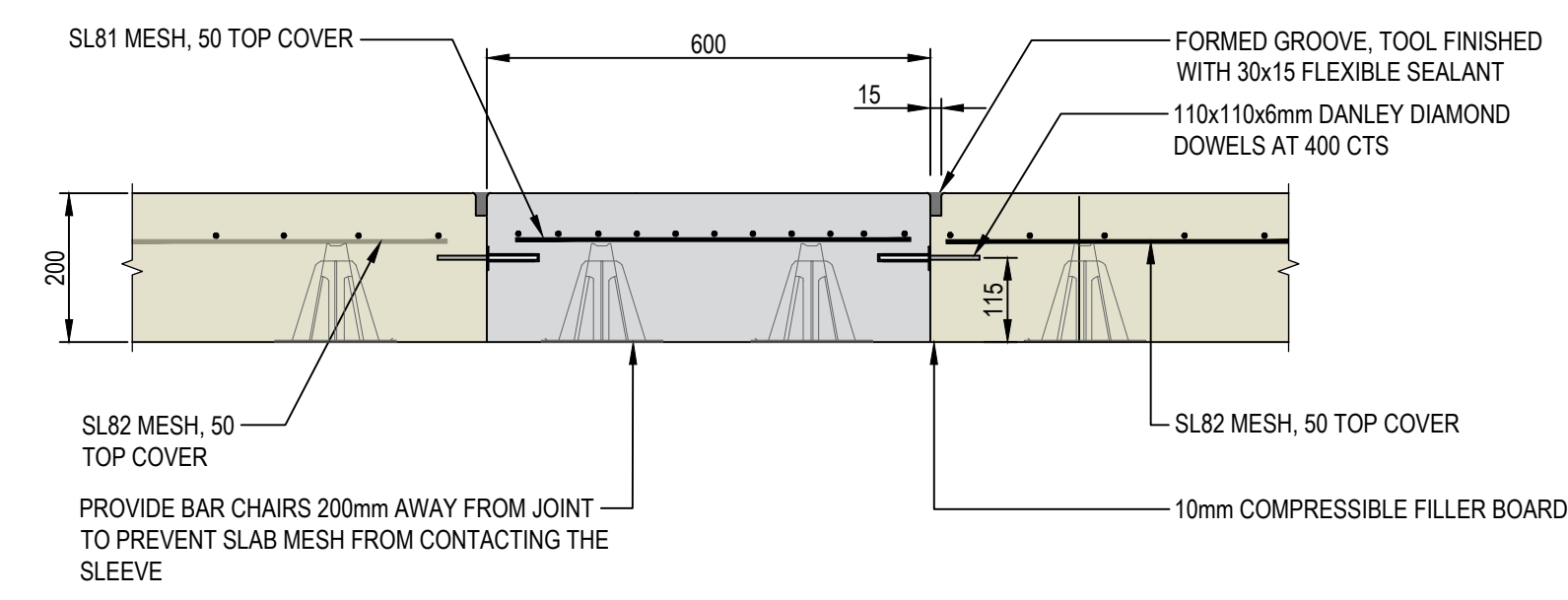
BONEGILLA LANE
JOINT & FINISHES LOCATIONS & TYPES
 SCALE 1:250



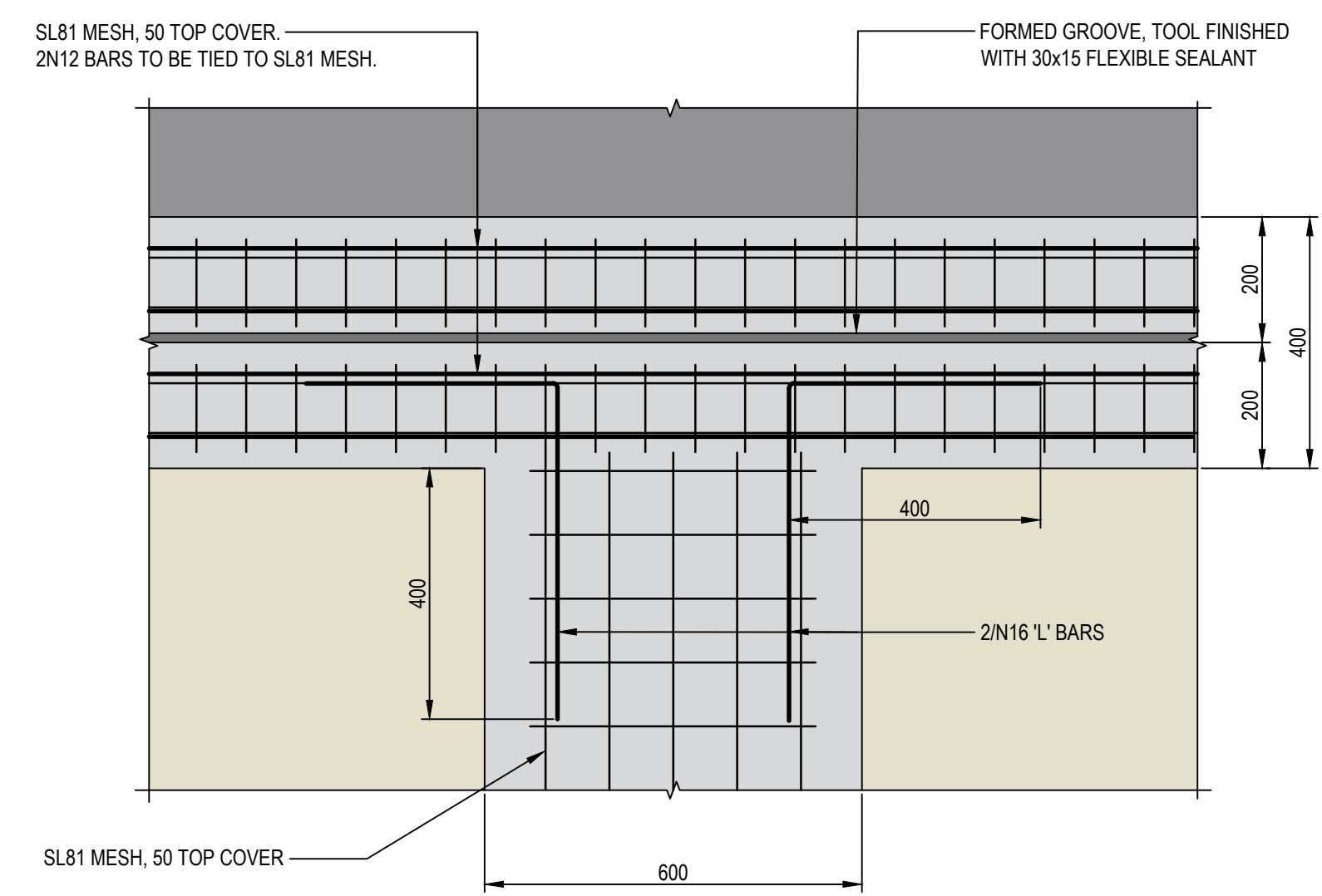
PIT DETAIL



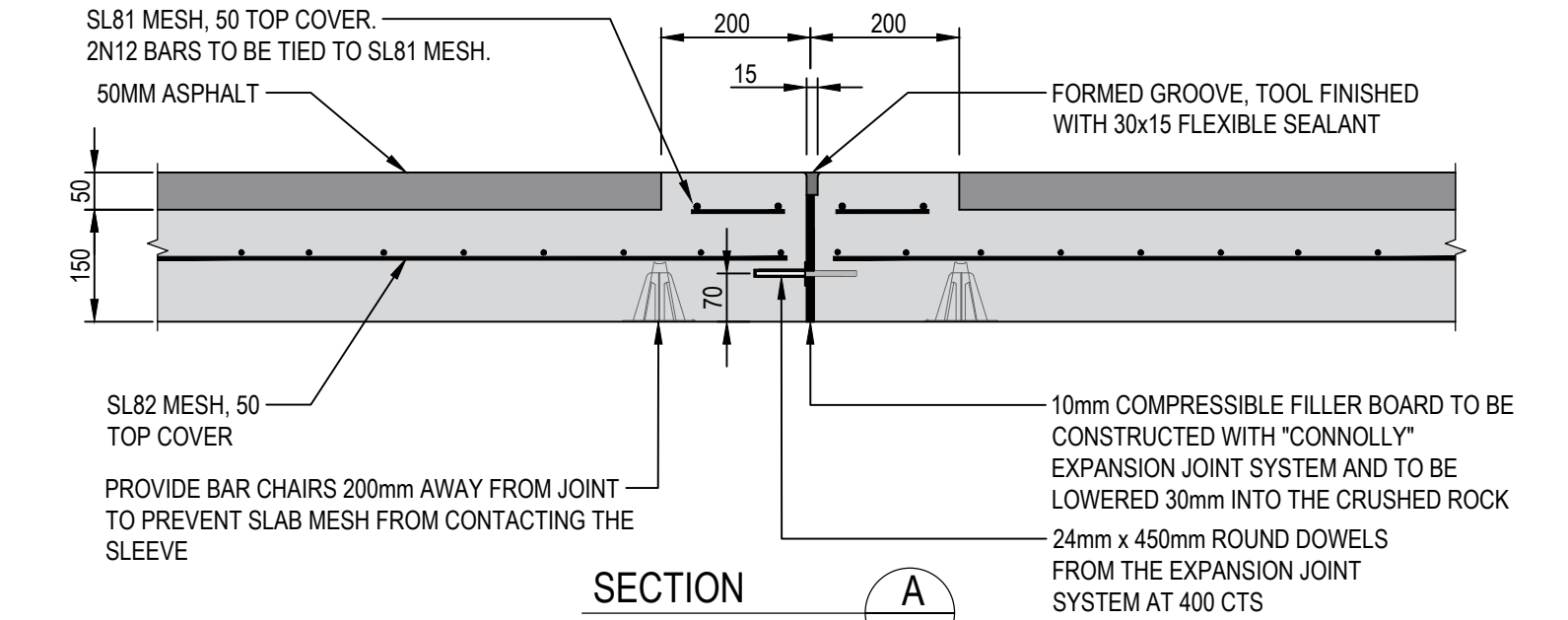
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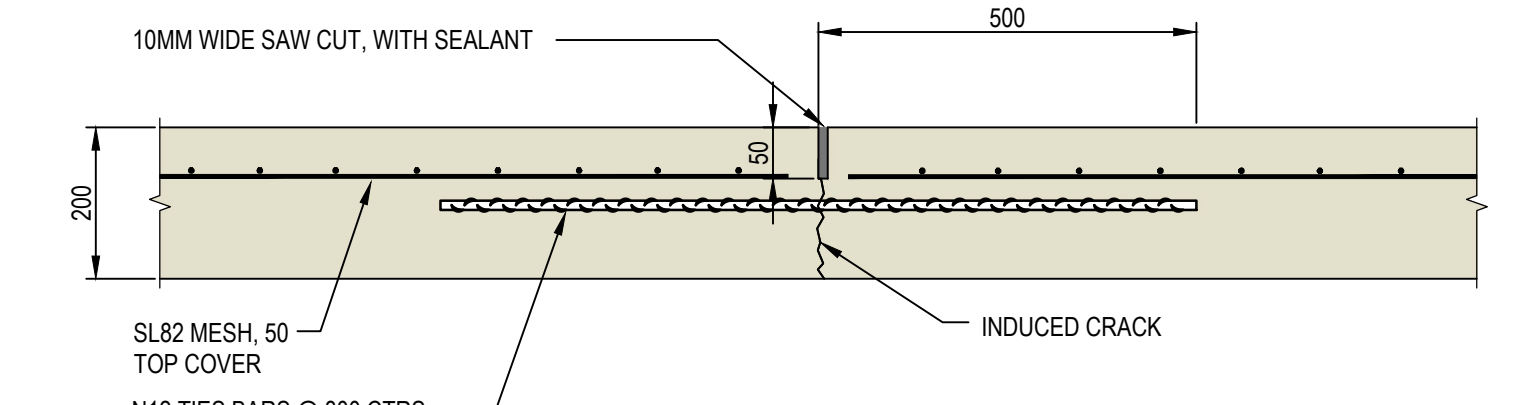
SECTION F
 SCALE 1:10
CONSTRUCTION JOINT (CJ)



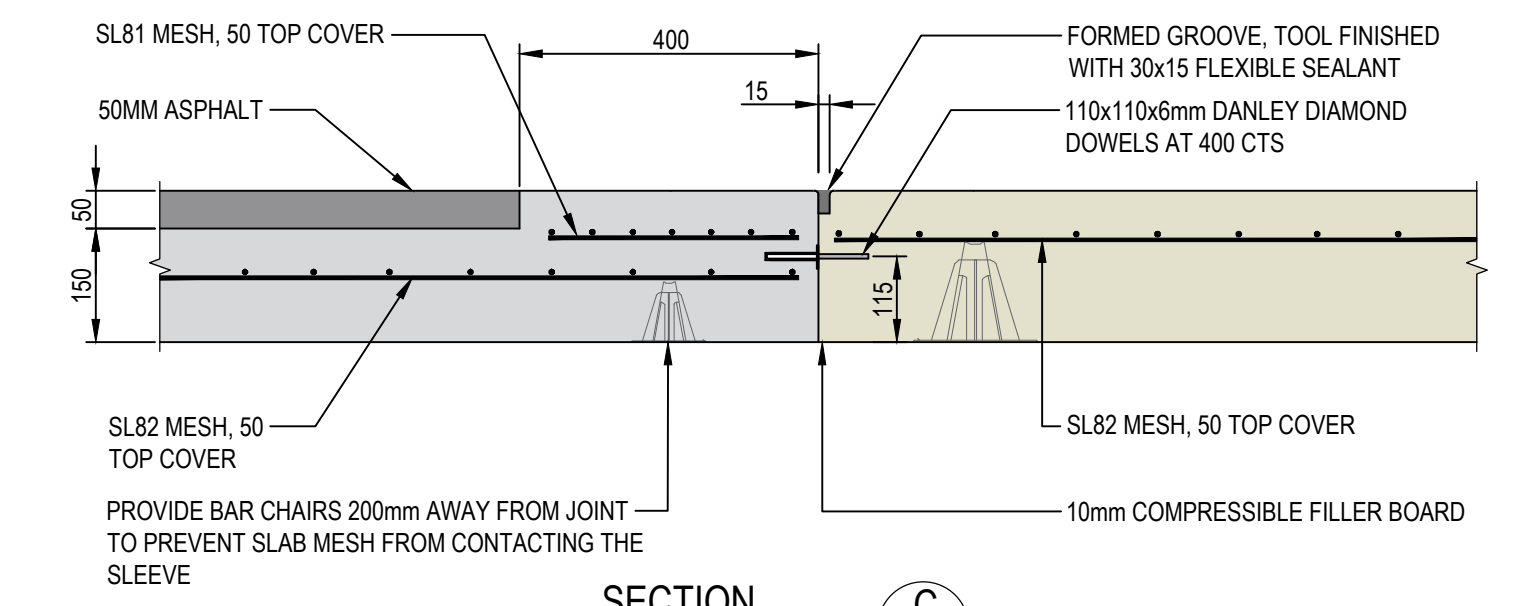
DETAIL 1
 SCALE 1:10



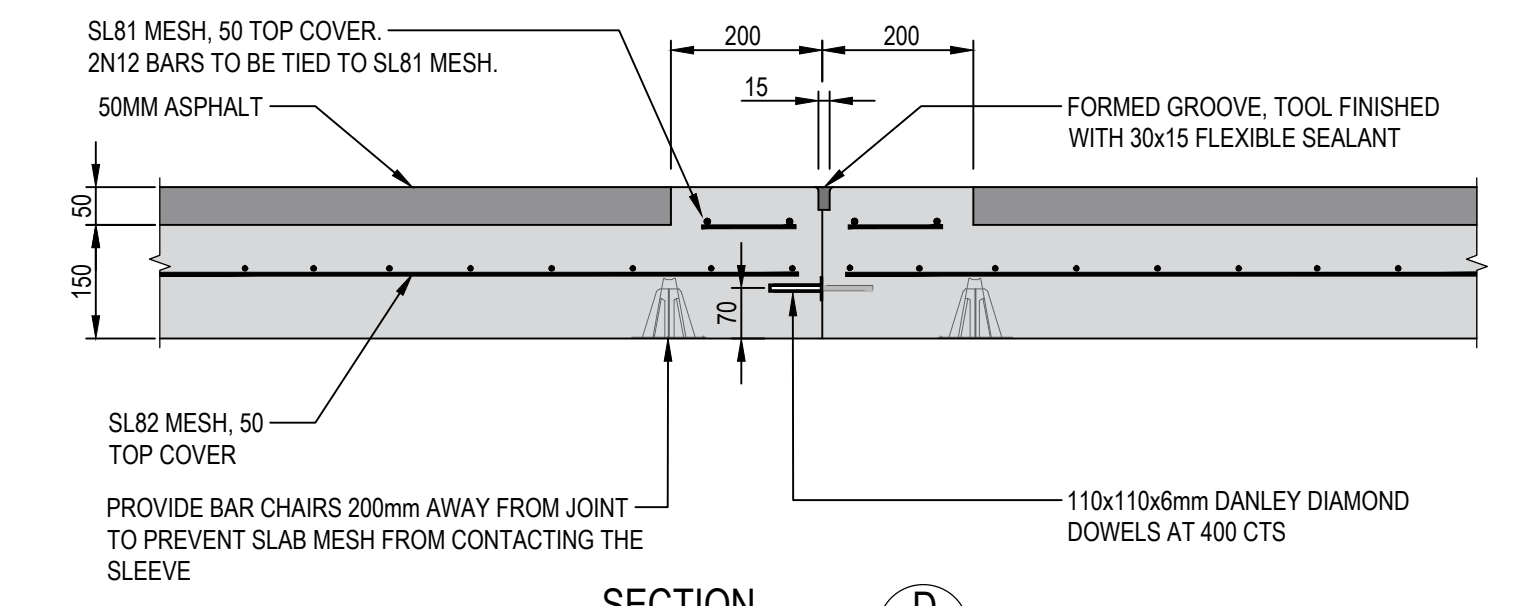
SECTION A
 SCALE 1:10
EXPANSION/CONTRACTION JOINT (EJ)



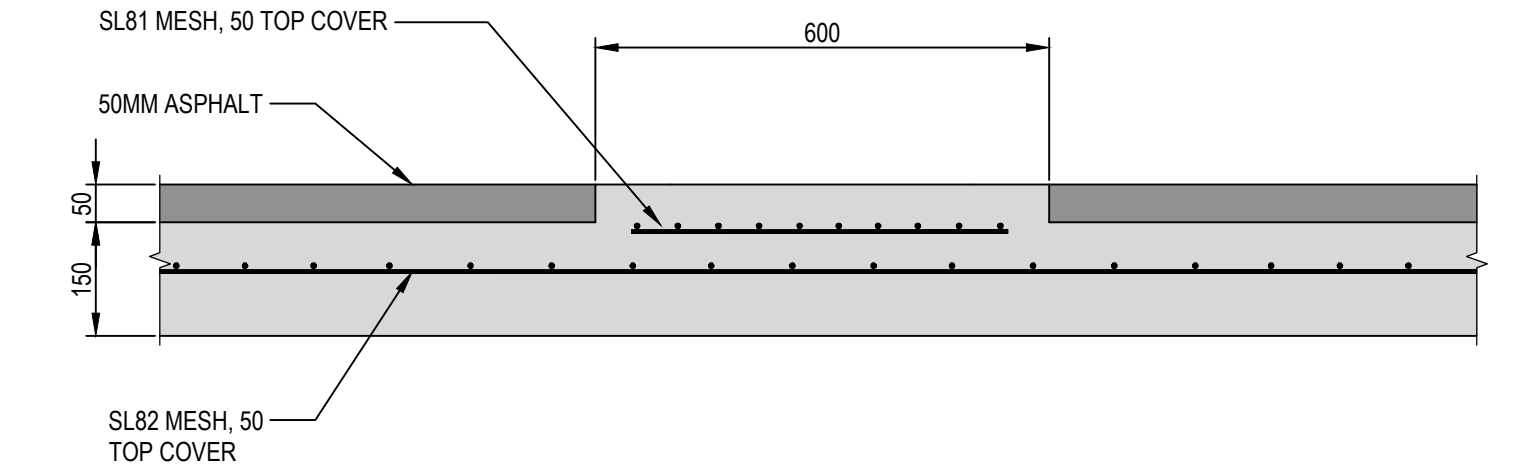
SECTION B
 SCALE 1:10
WEAKENED PLANE JOINT (WPJ)



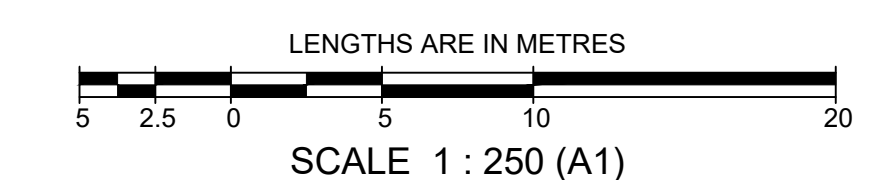
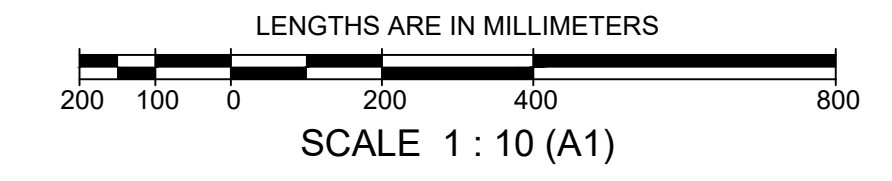
SECTION C
 SCALE 1:10
CONSTRUCTION JOINT (CJ)



SECTION D
 SCALE 1:10
CONSTRUCTION JOINT (CJ)



SECTION E
 SCALE 1:10



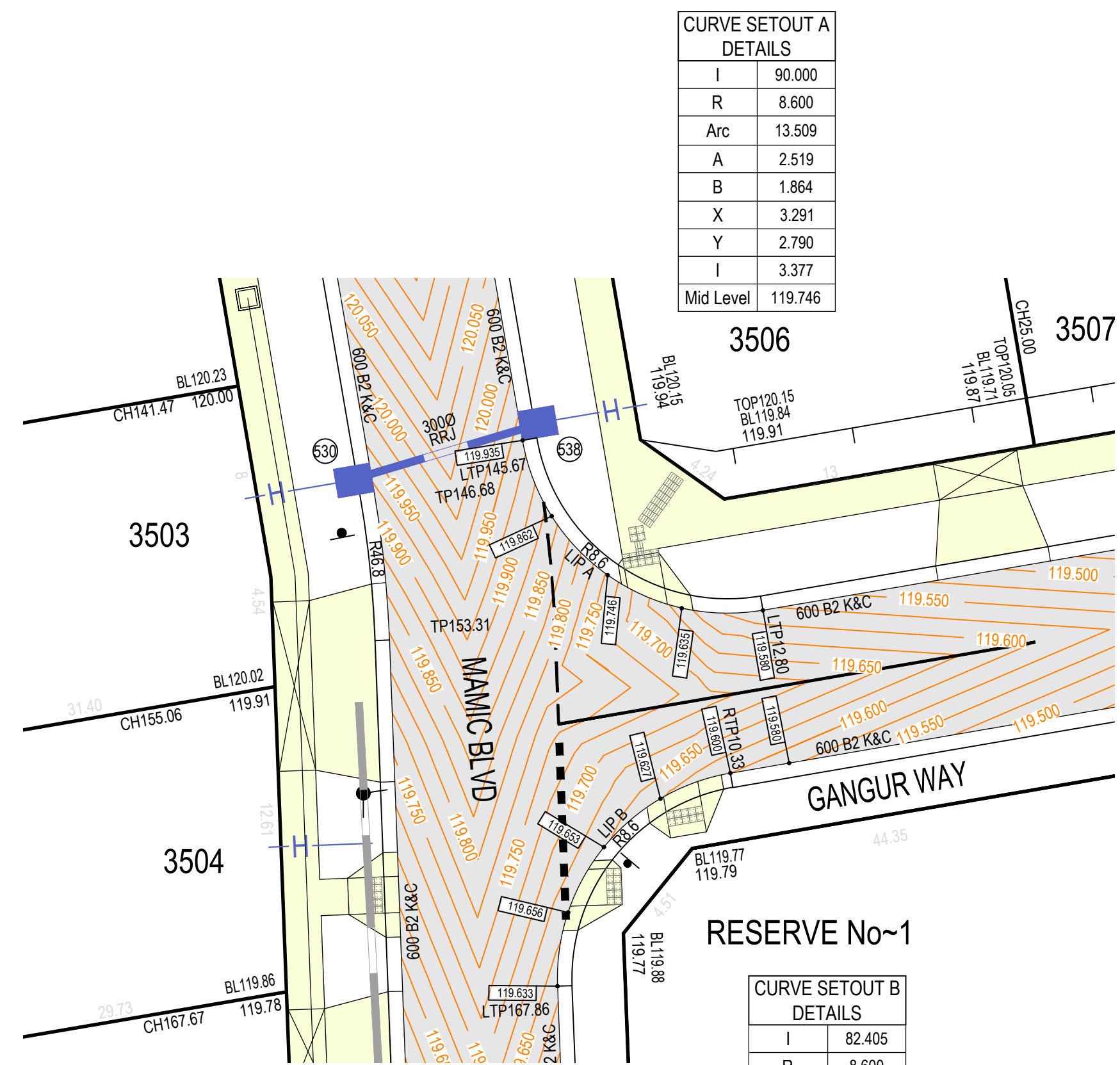
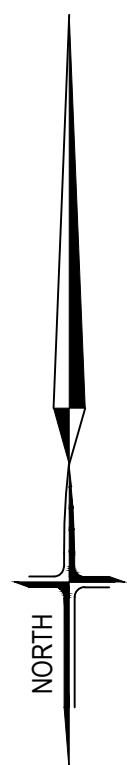
AS CONSTRUCTED

LEHEND:

	P1 - CONCRETE TYPE 1: EVENING HAZE (EXPOSED AGGREGATE SALT AND PEPPER FINISH) (HANSEN)
	P2 - CONCRETE TYPE 2: MOONSCAPE (BROOM FINISH) (HANSEN)
	P3 - ASPHALT: 50mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'L' ASPHALT WITH C320 BINDER.
	EJ - EXPANSION JOINT
	CJ - CONSTRUCTION JOINT
	WPJ - WEAKENED PLANE JOINT

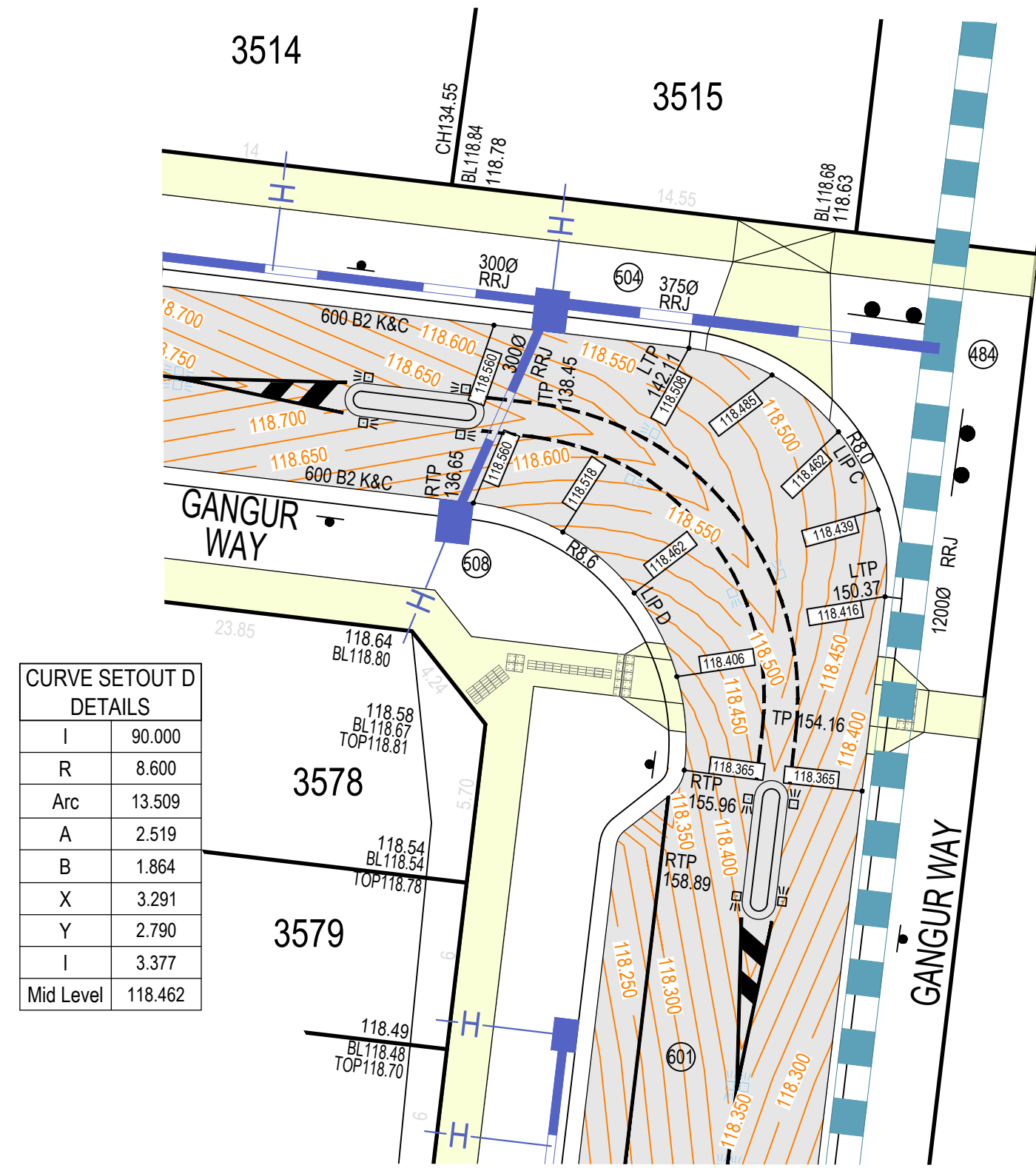
- JOINT DETAIL NOTES:**
- SAW JOINTS ARE TO BE CONSTRUCTED 18-24 HOURS AFTER POURING OF CONCRETE.
 - TRANSVERSE/CONTRACTION JOINTS ARE TO BE PLACED AT THE LOCATION AS SHOWN ON THE DRAWINGS.
 - ALL JOINTS SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH "CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA - CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS 1997".
 - CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 AND NOT TO BE TRAFFICKED UNTIL AT LEAST 75% OF THE CONCRETE NOMINATED ULTIMATE STRENGTH.
 - CONCRETE TO BE CLASS N32.
 - THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE LANDSCAPE DRAWINGS.
 - REFER SHEET 3 FOR SUBGRADE PREPARATION BELOW THE CONCRETE SLAB. PROVIDE WATER PROOF MEMBRANE OR SATURATE SUBGRADE PRIOR TO PLACEMENT OF CONCRETE.

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. 356-C-2 SURVEY BPD DESIGN J.B DRAWN I.W CHECKED C.HAGEN		ASPIRE ESTATE STAGE 35A ROAD PAVEMENT DETAILS												
AMENDMENTS	<table border="1"> <tr> <th>VER</th> <th>DATE</th> <th>REMARKS</th> </tr> <tr> <td>C</td> <td>30.08.2024</td> <td>DETAILS AMENDED</td> </tr> <tr> <td>B</td> <td>20.05.24</td> <td>AMENDED AS PER COUNCIL COMMENTS</td> </tr> <tr> <td>A</td> <td>25.01.24</td> <td>CONSTRUCTION ISSUE</td> </tr> </table>	VER	DATE	REMARKS	C	30.08.2024	DETAILS AMENDED	B	20.05.24	AMENDED AS PER COUNCIL COMMENTS	A	25.01.24	CONSTRUCTION ISSUE	MUNICIPALITY MELTON REFERENCE 8226 E/35A
VER	DATE	REMARKS												
C	30.08.2024	DETAILS AMENDED												
B	20.05.24	AMENDED AS PER COUNCIL COMMENTS												
A	25.01.24	CONSTRUCTION ISSUE												
SCALE AS SHOWN DATUM AHD DATE NOV 2022 SHEET 05 OF 22		C												



I	90.000
R	8.600
Arc	13.509
A	2.519
B	1.864
X	3.291
Y	2.790
I	3.377
Mid Level	119.746

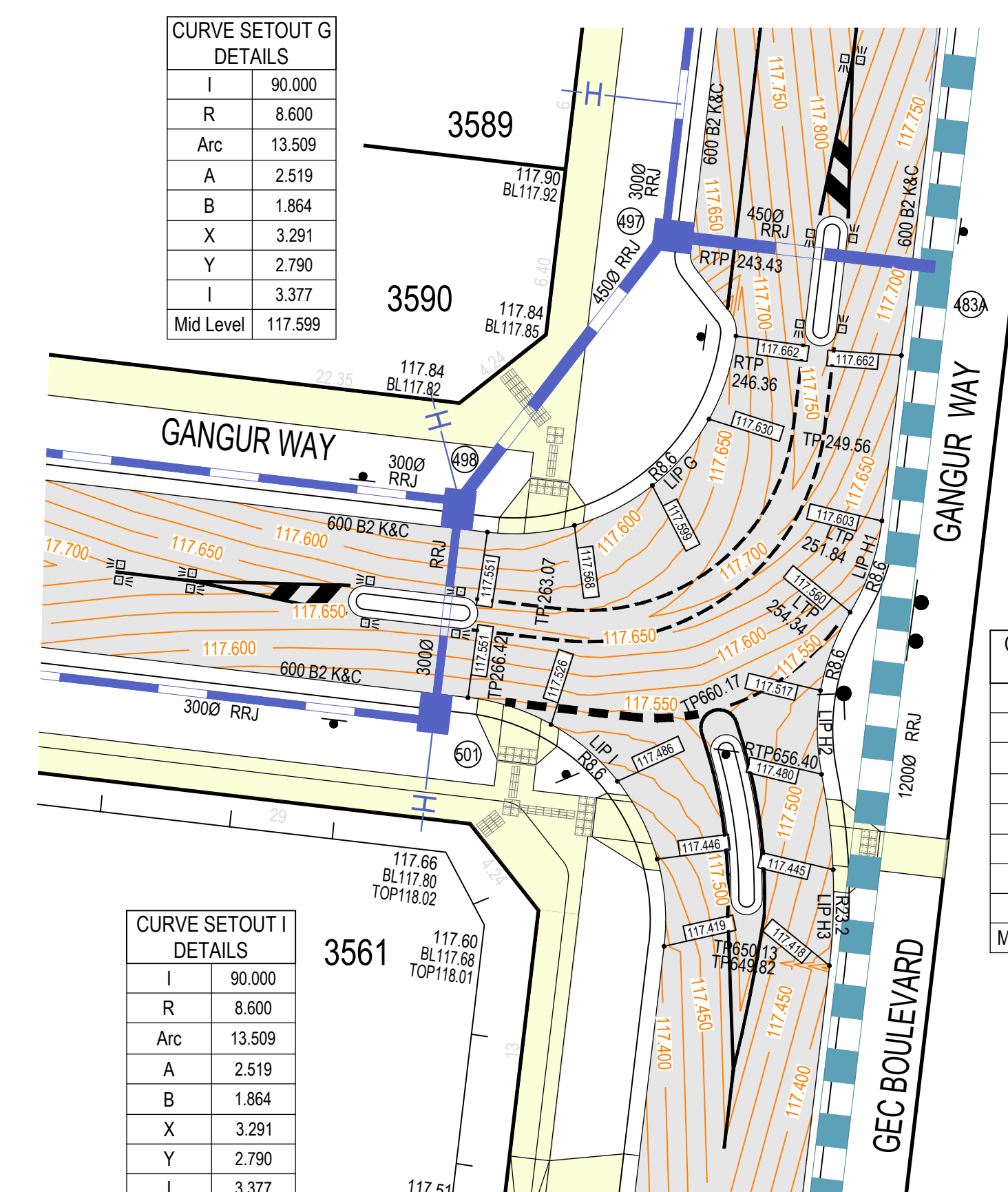
I	82.405
R	8.600
Arc	12.369
A	2.129
B	1.580
X	3.026
Y	2.639
I	3.092
Mid Level	119.653



I	90.000
R	8.600
Arc	13.509
A	2.519
B	1.864
X	3.291
Y	2.790
I	3.377
Mid Level	118.462

I	85.272
R	8.600
Arc	12.799
A	2.273
B	1.685
X	3.126
Y	2.699
I	3.200
Mid Level	118.399

I	90.000
R	8.000
Arc	12.566
A	2.343
B	1.734
X	3.061
Y	2.595
I	3.142
Mid Level	118.462

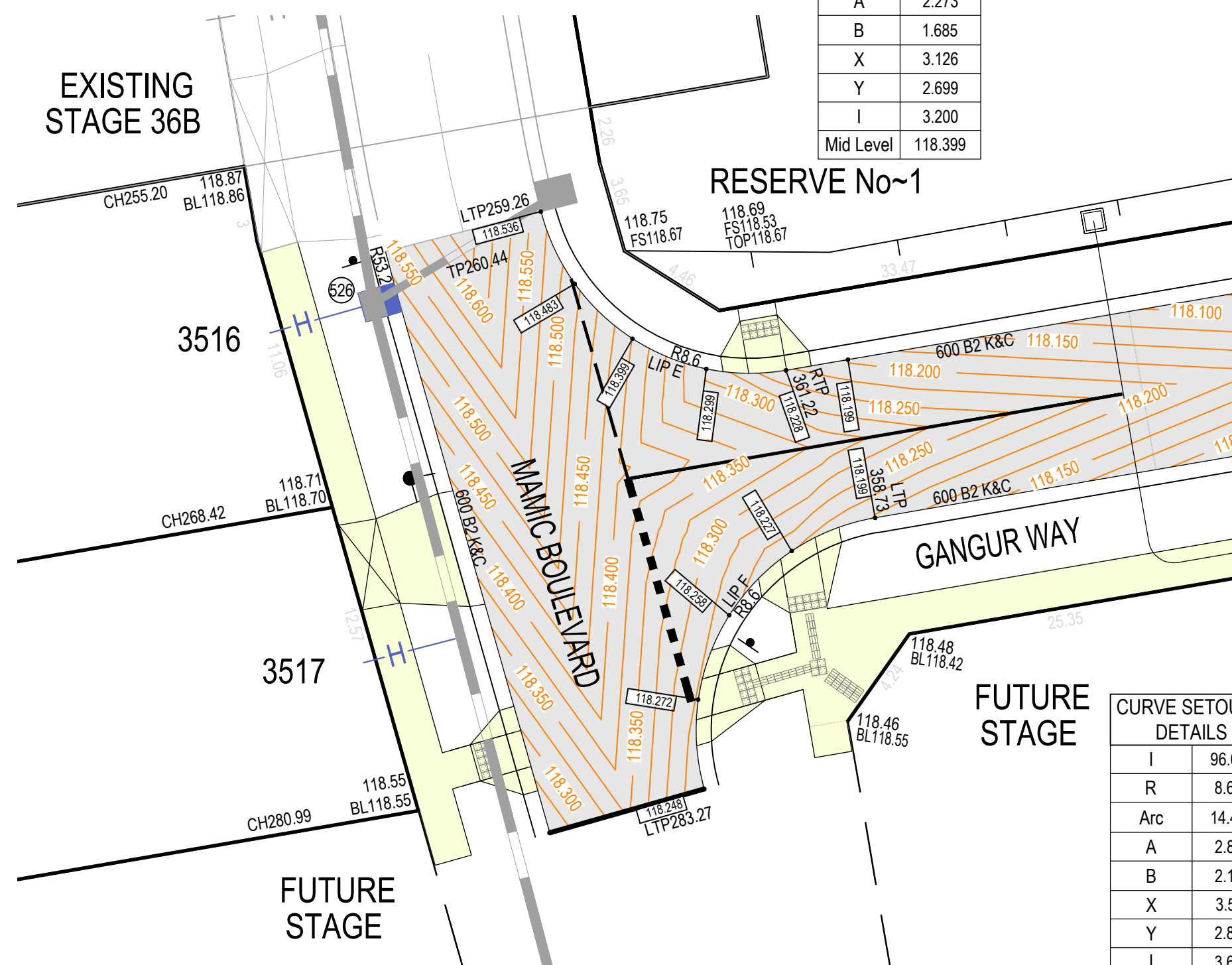


I	90.000
R	8.600
Arc	13.509
A	2.519
B	1.864
X	3.291
Y	2.790
I	3.377
Mid Level	117.486

I	24.903
R	8.600
Arc	3.738
A	0.202
B	0.152
X	0.933
Y	0.922
I	0.934
Mid Level	117.583

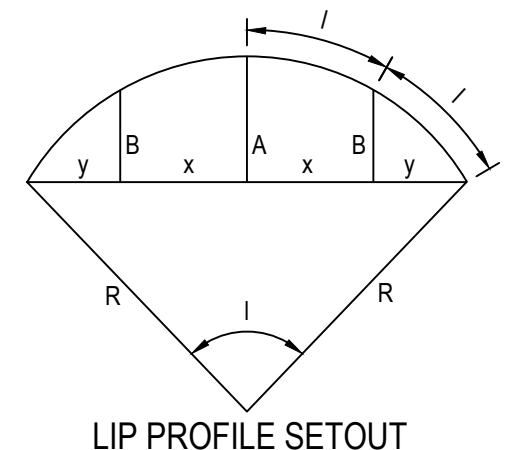
I	43.151
R	8.600
Arc	6.477
A	0.603
B	0.451
X	1.610
Y	1.553
I	1.619
Mid Level	117.517

I	18.248
R	23.200
Arc	7.389
A	0.294
B	0.220
X	1.845
Y	1.834
I	1.847
Mid Level	117.445

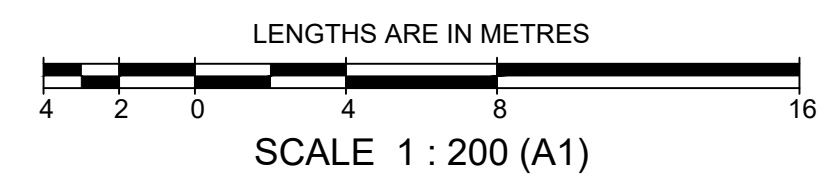


I	96.089
R	8.600
Arc	14.423
A	2.850
B	2.106
X	3.501
Y	2.895
I	3.606
Mid Level	118.258

- NOTES**
- ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
 - INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPMS PLACED AT 6.00m CTS
 - HAZARD / DIRECTIONAL TGS/S'S SHOWN THUS AND FOOTPATH RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STD DWGS SD2031 TO SD2035. TGS/S'S SHALL CONFORM TO AS1428.4
 - PROVIDE EMERALD GREEN COLOURED HIGH FRICTION SURFACE TREATMENTS ALONG SHARED PATH DENOTED THUS: SURFACE TREATMENT MUST COMPLY WITH VICROADS STANDARD SECTION 430.
 - STREET SIGNS TO HAVE MINIMUM 2 WEDGES IN THE SLEEVES
 - SWLM - INDICATES SOLID WHITE "LONGLIFE" LINE MARKING
BWLm - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING
 - RETURN & ELBOW LIP OF KERB CHAINAGES PREFIXED WITH AN "L" (eg LTP35.83)



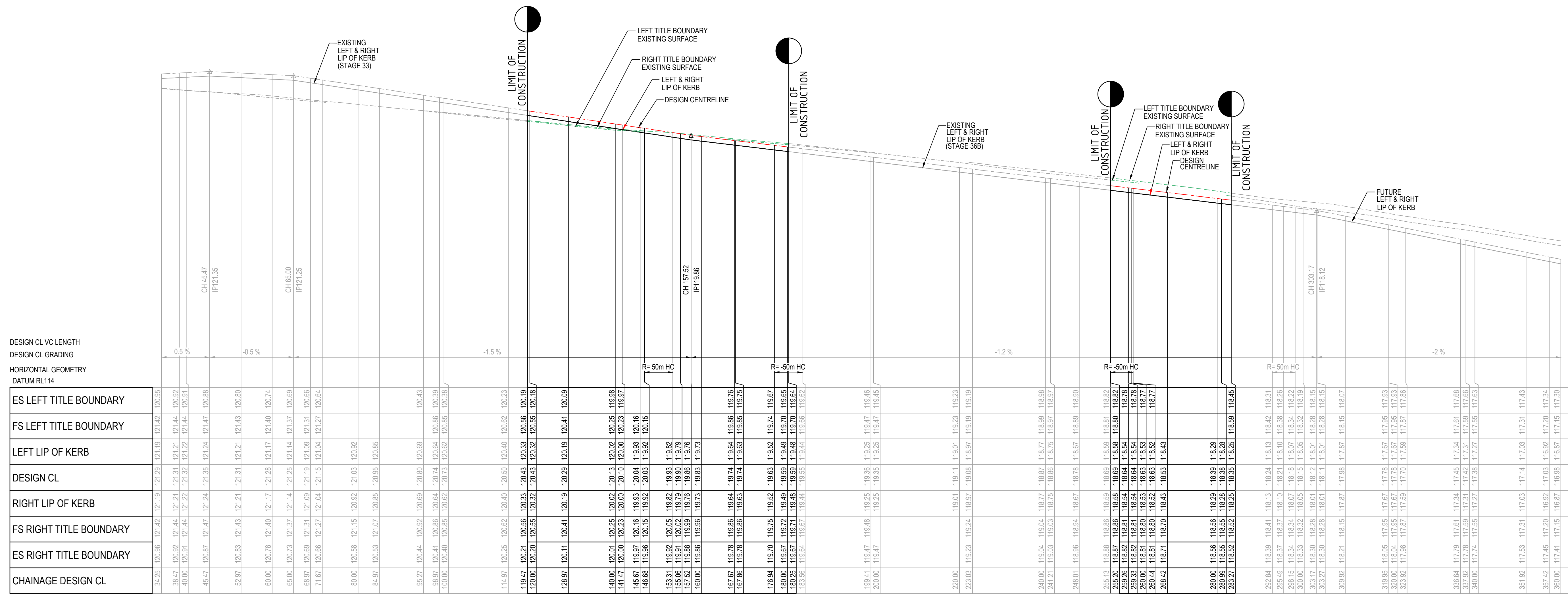
INTERSECTION DETAILS
SCALE 1:200



AS CONSTRUCTED

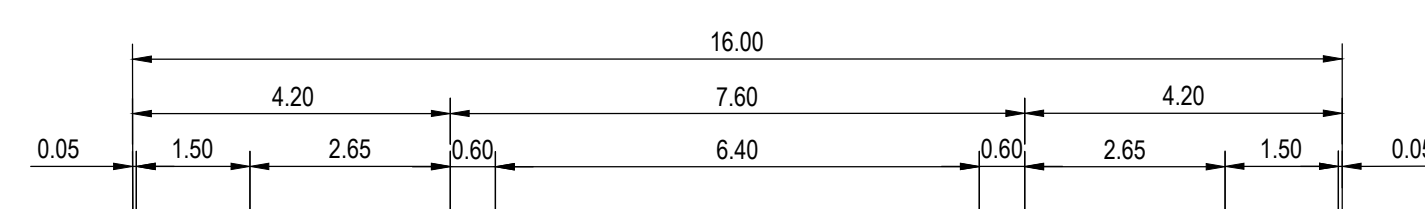
Drains	Prop	Prev Stage	Ex/Natural/FS Level	+28.57	+1628.57	+1528.57
Main Drains	— S — S	— S — S	FS @ Building Line	+8.28.57	+1028.57	+1028.57
Sewer < 300Ø	— S — S	— S — S	Top/Toe of Batter	+1028.57	+1028.57	+1028.57
Sewer ≥ 300Ø	— S — S	— S — S	Top Ret. Wall Level	+1028.57	+1028.57	+1028.57
Water (DW)	— DW — W	— DW — W	100yr Flood Level	+FL28.57	+FL28.57	+FL28.57
Water (NDW)	— NDW — W	— NDW — W	Fill Proposed (<0.3m/±0.3m)			
House Drain	— H — H	— H — H	Cut Proposed			
Property Inlet	— P — P	— P — P	Asphalt Surface Prop			
Street Sign	— S — S	— S — S	Concrete Surface Prop (Paths/Driveways/Slabs)			
PSM	— PSM — PSM	— PSM — PSM	Tree To Be Removed			
Rock Ret Wall	— R — R	— R — R	Tree To Be Retained with Tree Protection Zone (TPZ)			
Sleeper Ret Wall	— S — S	— S — S				
Conduits 50mm	— GW — GW	— GW — GW				
Conduits 100mm	— W100 — W100	— W100 — W100				
Street Tree without/with Passive Irrigation (Refer Detail)	— T — T	— T — T				
Ex Drains	— Ex DW — Ex NDW	— Ex DW — Ex NDW				
Ex Water DW/NDW	— Ex S — Ex G	— Ex S — Ex G				
Ex Sewer/Gas	— Ex E — Ex T	— Ex E — Ex T				
Ex Elect/Comm	— Ex O — Ex O	— Ex O — Ex O				
Ex Optic Fibre						

AMENDMENTS	E	17.09.24	ROAD NAME AMENDED	MELWAY REF. 356-C-2	SURVEY BPD	DESIGN J.B	DRAWN I.W	CHECKED C. HAGEN	SCALE 1:200	DATUM AHD	DATE NOV 2022	SHEET 06 OF 22	E
	D	20.05.24	AMENDED AS PER COUNCIL COMMENTS										
	C	21.03.2024	LOT NUMBERS AND ROAD NAME AMENDED										
	B	29.02.24	LOT LEVELS AMENDED										
	A	25.01.24	CONSTRUCTION ISSUE										
BREASE PITT DIXON PTY. LTD. land surveyors civil engineers				ASPIRE ESTATE STAGE 35A INTERSECTION DETAIL PLANS				MUNICIPALITY MELTON REFERENCE 8226 E/35A					



DESIGN CL VC LENGTH
DESIGN CL GRADING
HORIZONTAL GEOMETRY
DATUM RL114

ES LEFT TITLE BOUNDARY	FS LEFT TITLE BOUNDARY	LEFT LIP OF KERB	DESIGN CL	RIGHT LIP OF KERB	FS RIGHT TITLE BOUNDARY	ES RIGHT TITLE BOUNDARY	CHAINAGE DESIGN CL
34.25	120.96	121.42	121.19	121.28	121.19	121.42	120.95
38.47	120.92	121.44	121.21	121.31	121.21	121.44	120.92
40.00	120.91	121.44	121.22	121.32	121.22	121.44	120.91
45.47	120.87	121.47	121.24	121.35	121.24	121.47	120.88
52.97	120.83	121.43	121.21	121.31	121.21	121.43	120.80
60.00	120.78	121.40	121.17	121.28	121.17	121.40	120.74
65.00	120.73	121.37	121.14	121.25	121.14	121.37	120.69
68.97	120.69	121.31	121.09	121.19	121.09	121.31	120.66
71.67	120.66	121.27	121.04	121.15	121.04	121.27	120.64
80.00	120.58	121.15	120.92	121.03	120.92		
84.97	120.53	121.07	120.85	120.95	120.85		
95.27	120.44	120.92	120.69	120.60	120.69		120.43
98.97	120.41	120.86	120.64	120.54	120.64		120.39
100.00	120.40	120.85	120.62	120.52	120.62		120.38
114.97	120.25	120.62	120.40	120.50	120.40	120.62	120.23
119.47	120.21	120.56	120.33	120.43	120.33	120.56	120.19
120.00	120.20	120.55	120.32	120.43	120.32	120.55	120.18
128.97	120.11	120.41	120.19	120.29	120.19	120.41	120.09
140.00	120.01	120.25	120.02	120.13	120.02	120.25	119.96
141.47	120.00	120.23	120.00	120.10	120.00	120.23	119.97
145.67	119.97	120.16	119.93	120.04	119.93	120.16	120.15
146.68	119.96	120.15	119.92	120.03	119.92	120.15	120.15
153.31	119.92	120.05	119.92	119.93	119.92	120.05	119.92
154.32	119.91	120.04	119.91	119.92	119.91	120.04	119.91
157.92	119.88	119.99	119.78	119.86	119.78	119.99	119.78
160.00	119.86	119.96	119.73	119.83	119.73	119.96	119.73
167.67	119.78	119.86	119.64	119.74	119.64	119.86	119.76
167.86	119.78	119.86	119.63	119.74	119.63	119.86	119.75
176.94	119.70	119.75	119.52	119.63	119.52	119.74	119.67
180.00	119.67	119.72	119.49	119.59	119.49	119.70	119.65
180.25	119.67	119.71	119.48	119.59	119.48	119.70	119.64
183.95	119.64	119.67	119.44	119.54	119.44	119.66	119.62
199.41	119.47	119.48	119.25	119.36	119.25	119.47	119.46
200.00	119.47		119.25	119.35	119.25	119.47	119.45
220.00			119.01	119.11	119.01	119.23	119.23
223.03			119.24	118.97	119.08	118.97	119.19
240.00	119.04	119.04	118.77	118.87	118.77	118.99	118.98
241.21	119.03	119.03	118.75	118.85	118.75	118.97	118.97
248.01	118.96	118.94	118.67	118.76	118.67	118.89	118.90
255.00	118.87	118.86	118.59	118.69	118.59	118.81	118.82
255.20	118.87	118.86	118.58	118.69	118.58	118.80	118.82
259.33	118.82	118.81	118.54	118.64	118.54	118.76	118.77
260.00	118.81	118.80	118.53	118.63	118.53	118.77	118.77
260.44	118.81	118.80	118.52	118.63	118.52	118.77	118.77
268.42	118.71	118.70	118.43	118.53	118.43		
280.00	118.56	118.56	118.29	118.39	118.29		
280.99	118.55	118.55	118.28	118.38	118.28		
283.27	118.52	118.52	118.23	118.33	118.23	118.59	118.45
292.84	118.39	118.41	118.13	118.24	118.13	118.42	118.31
295.49	118.37	118.37	118.10	118.21	118.10	118.36	118.26
298.15	118.34	118.34	118.07	118.18	118.07	118.34	118.22
300.00	118.33	118.32	118.05	118.05	118.32	118.32	118.19
303.17	118.30	118.28	118.01	118.12	118.01	118.28	118.15
303.27	118.30	118.28	118.01	118.11	118.01	118.28	118.15
309.92	118.21	118.15	117.87	117.98	117.87	118.15	118.07
319.95	118.05	117.95	117.67	117.78	117.67	117.95	117.93
320.00	118.04	117.95	117.67	117.78	117.67	117.95	117.93
323.92	117.98	117.87	117.59	117.70	117.59	117.87	117.86
336.04	117.79	117.61	117.34	117.45	117.34	117.61	117.68
337.92	117.78	117.59	117.31	117.42	117.31	117.59	117.66
340.00	117.74	117.55	117.21	117.38	117.21	117.55	117.63
351.92	117.53	117.31	117.03	117.14	117.03	117.31	117.43
357.42	117.45	117.20	116.92	117.03	116.92	117.20	117.34
360.00	117.41	117.15	116.87	116.98	116.87	117.15	117.30



RL119.0

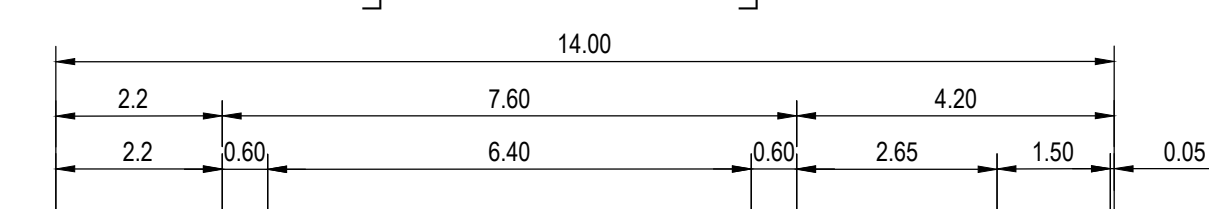
DESIGN RL'S	EXIST RL'S	OFFSETS
120.38	120.08	-11.00
120.42	120.09	-8.00
120.41	120.09	-7.95
120.38	120.10	-6.45
120.30	120.11	-3.80
120.19	120.12	-3.20
120.19	120.12	3.20
120.30	120.12	3.80
120.38	120.12	6.45
120.41	120.12	7.95
120.42	120.12	8.00
120.43	120.11	11.00

CH 128.967

RL119.0

DESIGN RL'S	EXIST RL'S	OFFSETS
120.52	120.17	-11.00
120.56	120.19	-8.00
120.55	120.19	-7.95
120.53	120.20	-6.45
120.44	120.21	-3.80
120.33	120.21	-3.20
120.44	120.22	3.20
120.53	120.22	3.80
120.56	120.21	6.45
120.55	120.21	7.95
120.56	120.21	8.00
120.58	120.11	11.00

LIMIT OF WORKS CH 119.467



RL118.5

DESIGN RL'S	EXIST RL'S	OFFSETS
119.77	119.77	-11.00
119.86	119.75	-6.00
119.75	119.75	-3.80
119.75	119.75	-3.20
119.83	119.78	0.00
119.74	119.78	3.20
119.83	119.78	3.80
119.83	119.78	6.45
119.86	119.78	7.95
119.86	119.78	8.00
119.89	119.79	11.00

RTP CH 167.855

RL119.0

DESIGN RL'S	EXIST RL'S	OFFSETS
120.15	119.93	-11.00
120.15	119.94	-8.00
120.15	119.94	-7.95
120.12	119.95	-6.45
120.03	119.95	-3.80
119.92	119.96	-3.20
120.03	119.96	3.20
120.12	119.97	3.80
120.15	119.97	6.45
120.15	119.96	7.95
120.15	119.96	8.00
120.17	119.96	11.00

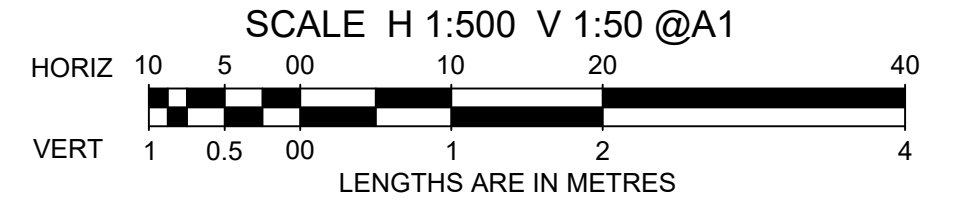
TP CH 146.679

AS CONSTRUCTED

MAMIE BOULEVARD

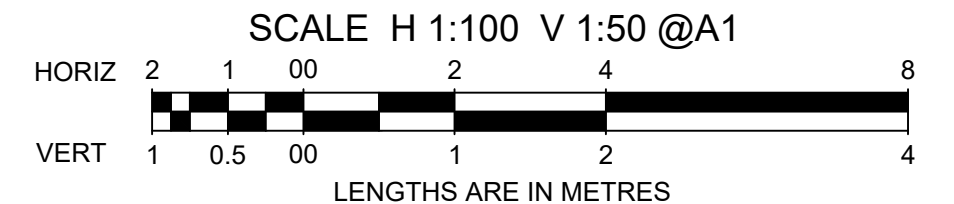
LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

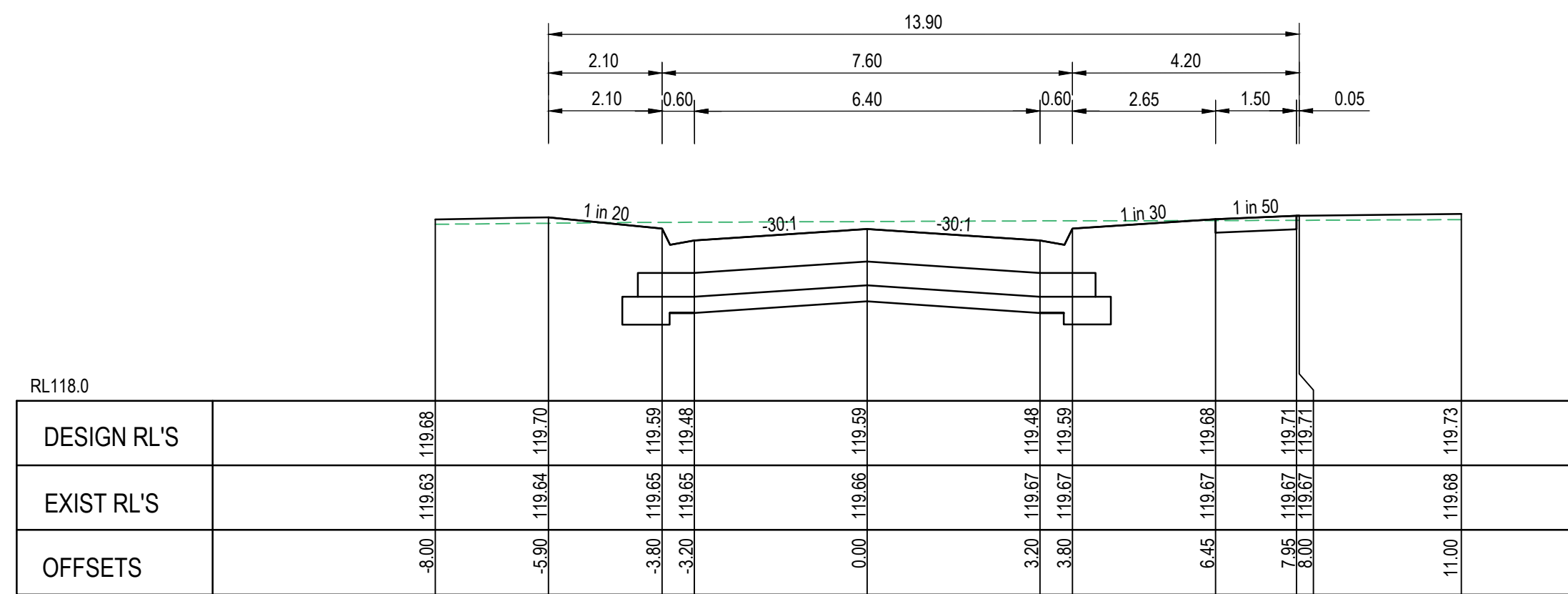


CROSS SECTIONS

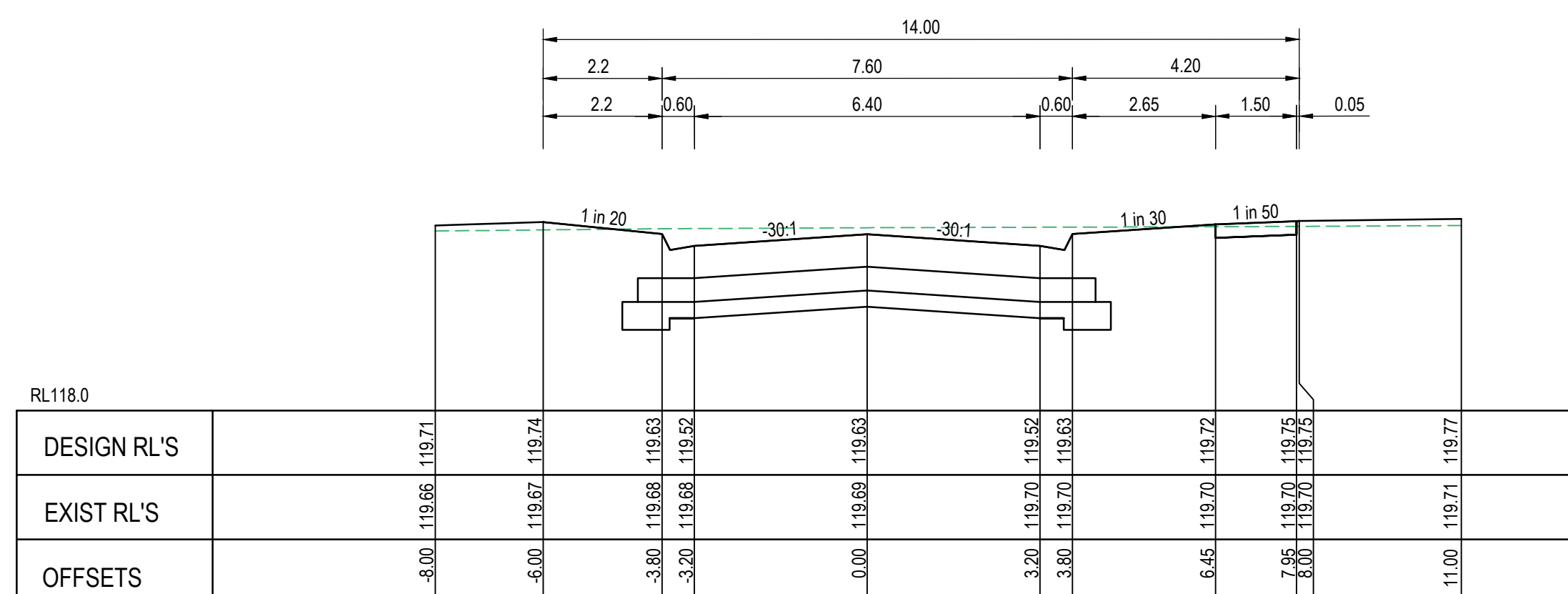
SCALE HORIZONTAL 1:100
VERTICAL 1:50



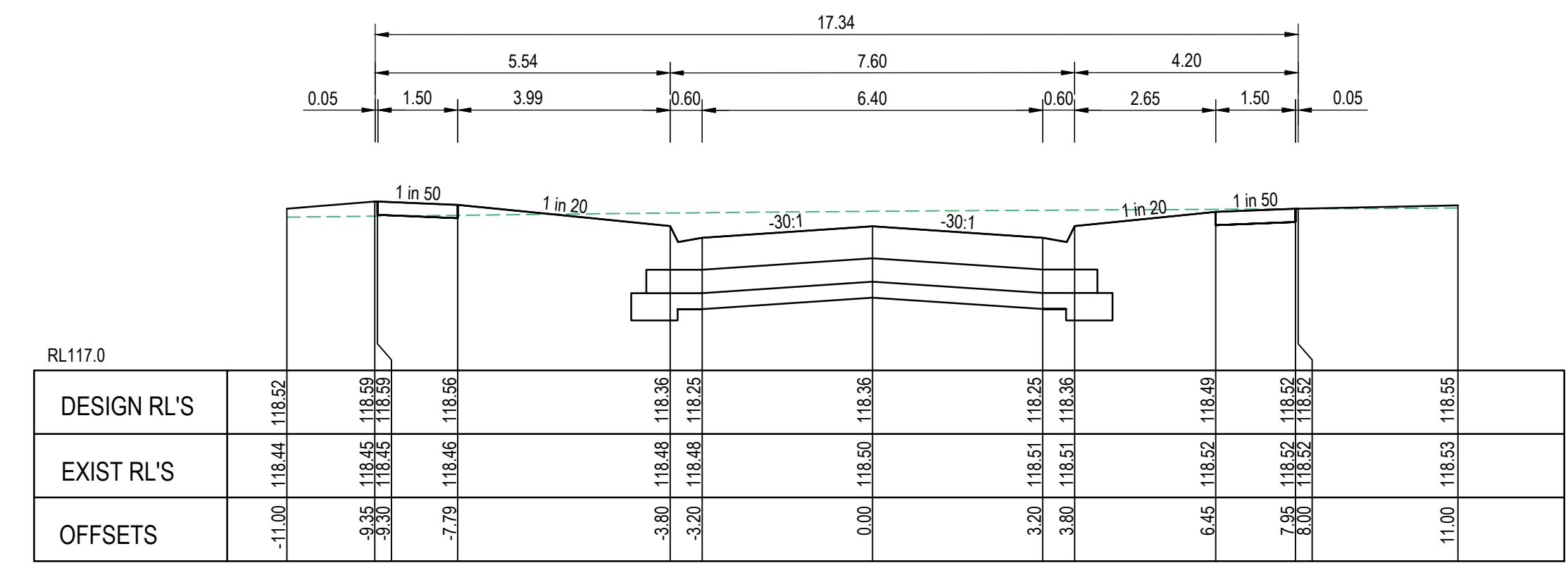
		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 356-C-2 SURVEY BPD DESIGN J.B. DRAWN I.W. CHECKED C. HAGEN		ASPIRE ESTATE STAGE 35A MAMIE BOULEVARD SHEET 1 OF 2		MUNICIPALITY MELTON REFERENCE 8226 E/35A	
AMENDMENTS A 25.01.24 CONSTRUCTION ISSUE	VER DATE REMARKS	SCALE AS SHOWN DATUM AHD DATE NOV 2022	SHEET 07 OF 22	A	A



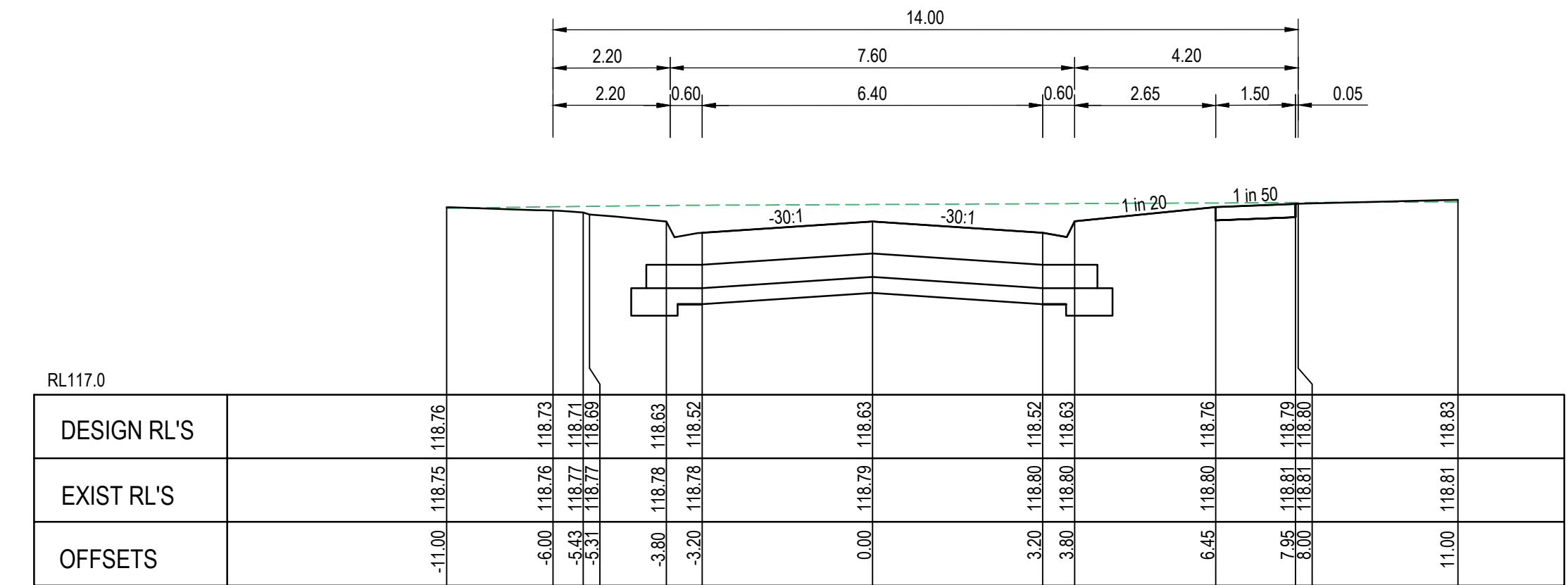
LIMIT OF WORKS CH 180.249



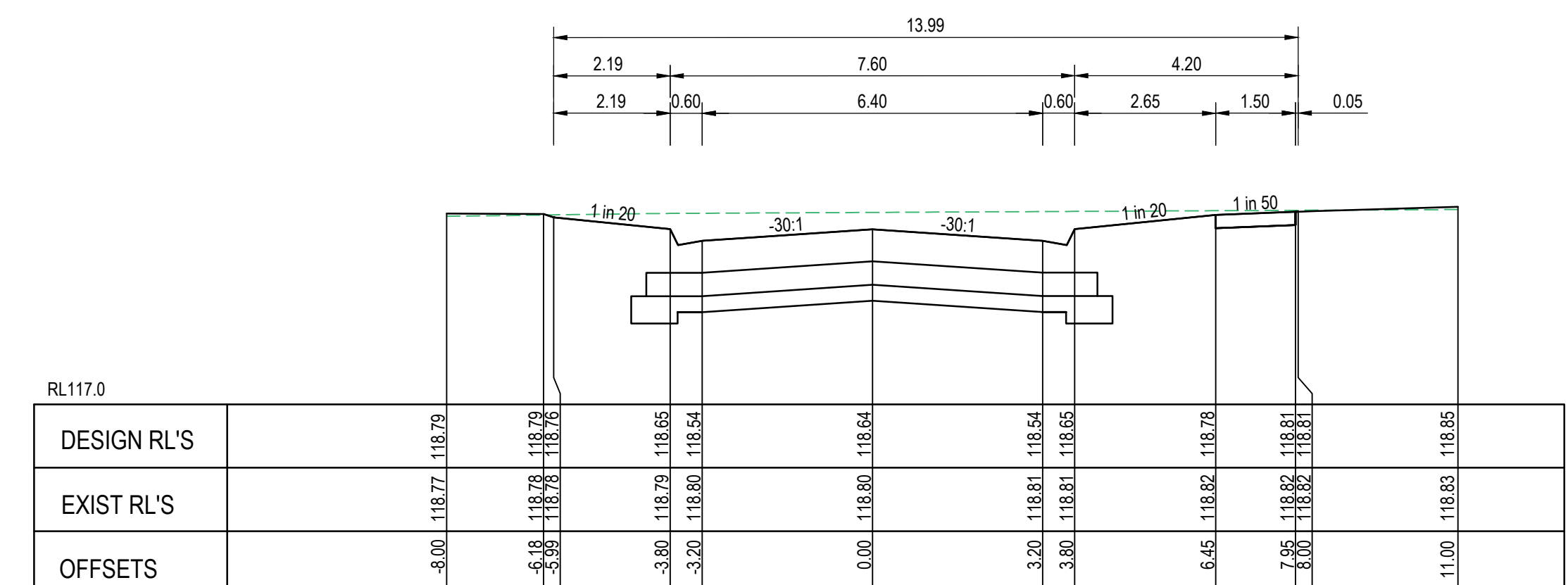
TP CH 176.935



LIMIT OF WORKS LTP CH 283.268



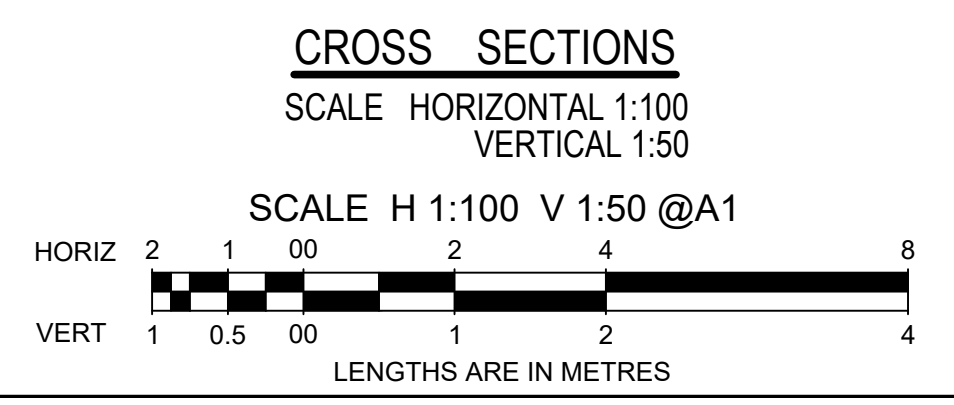
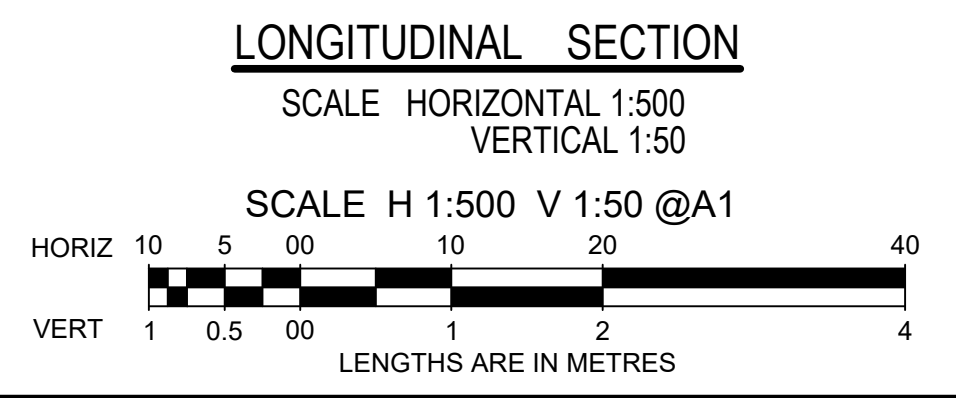
TP CH 260.442



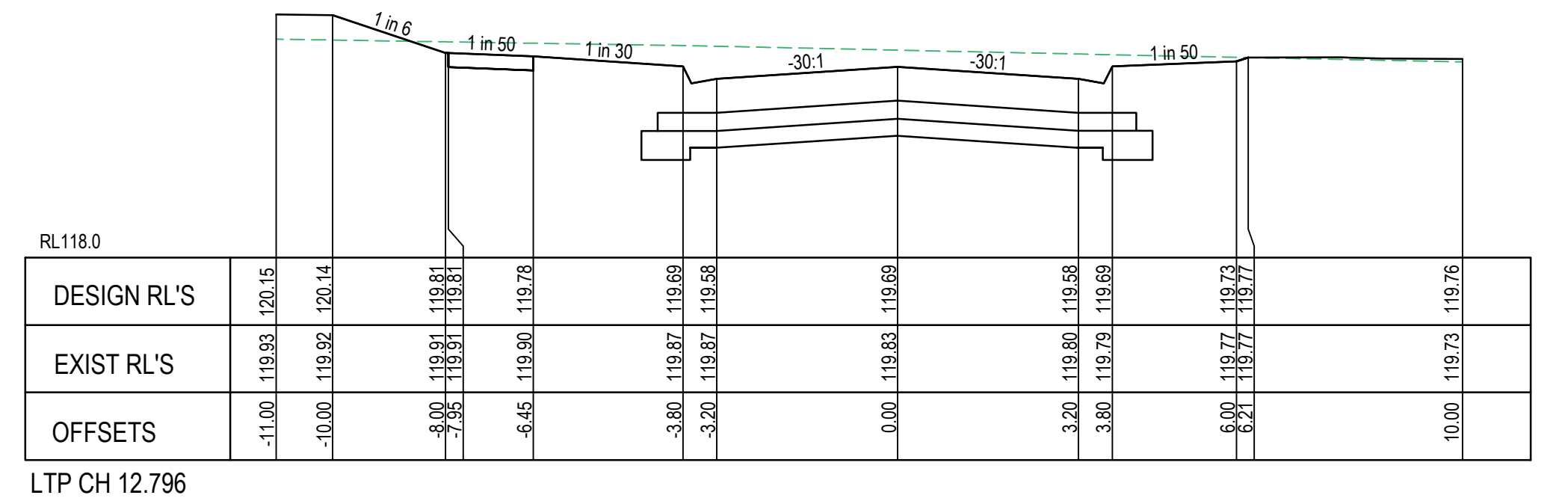
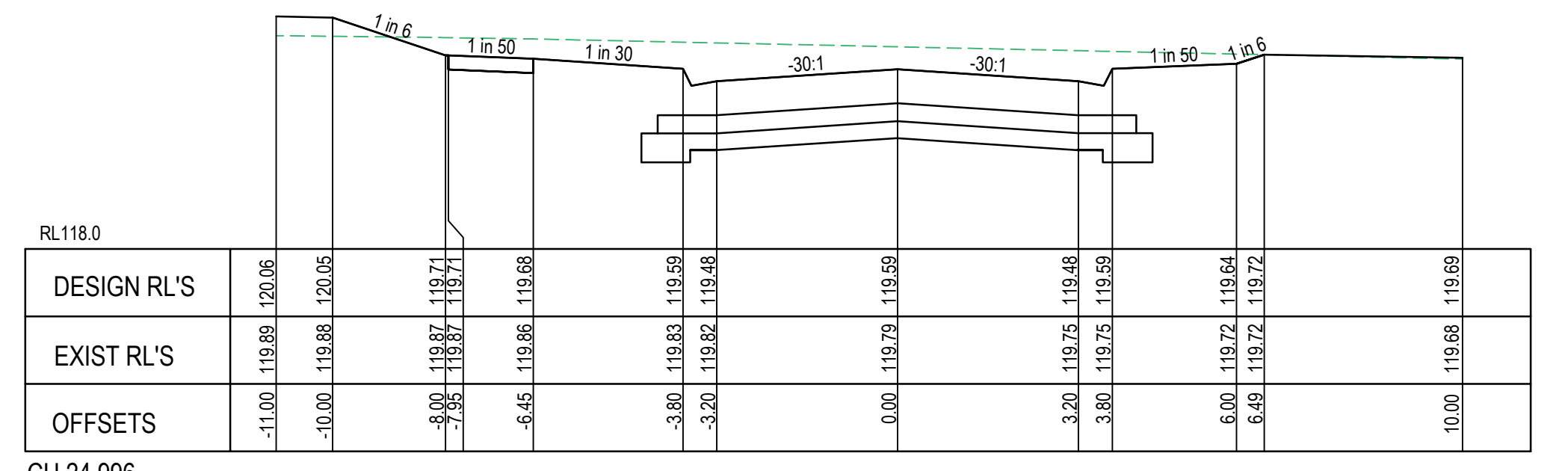
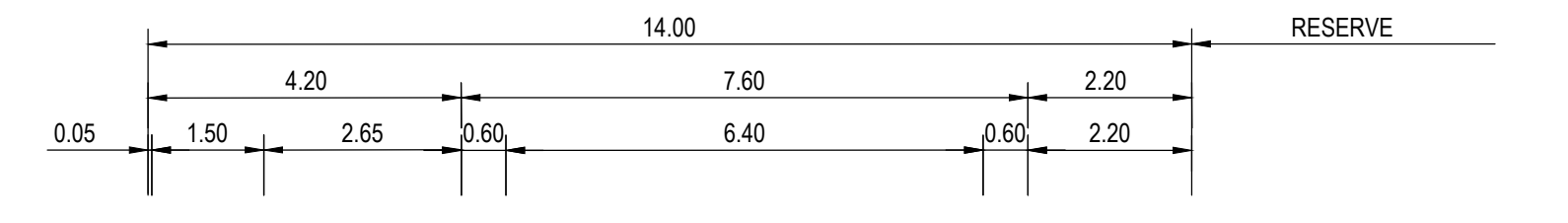
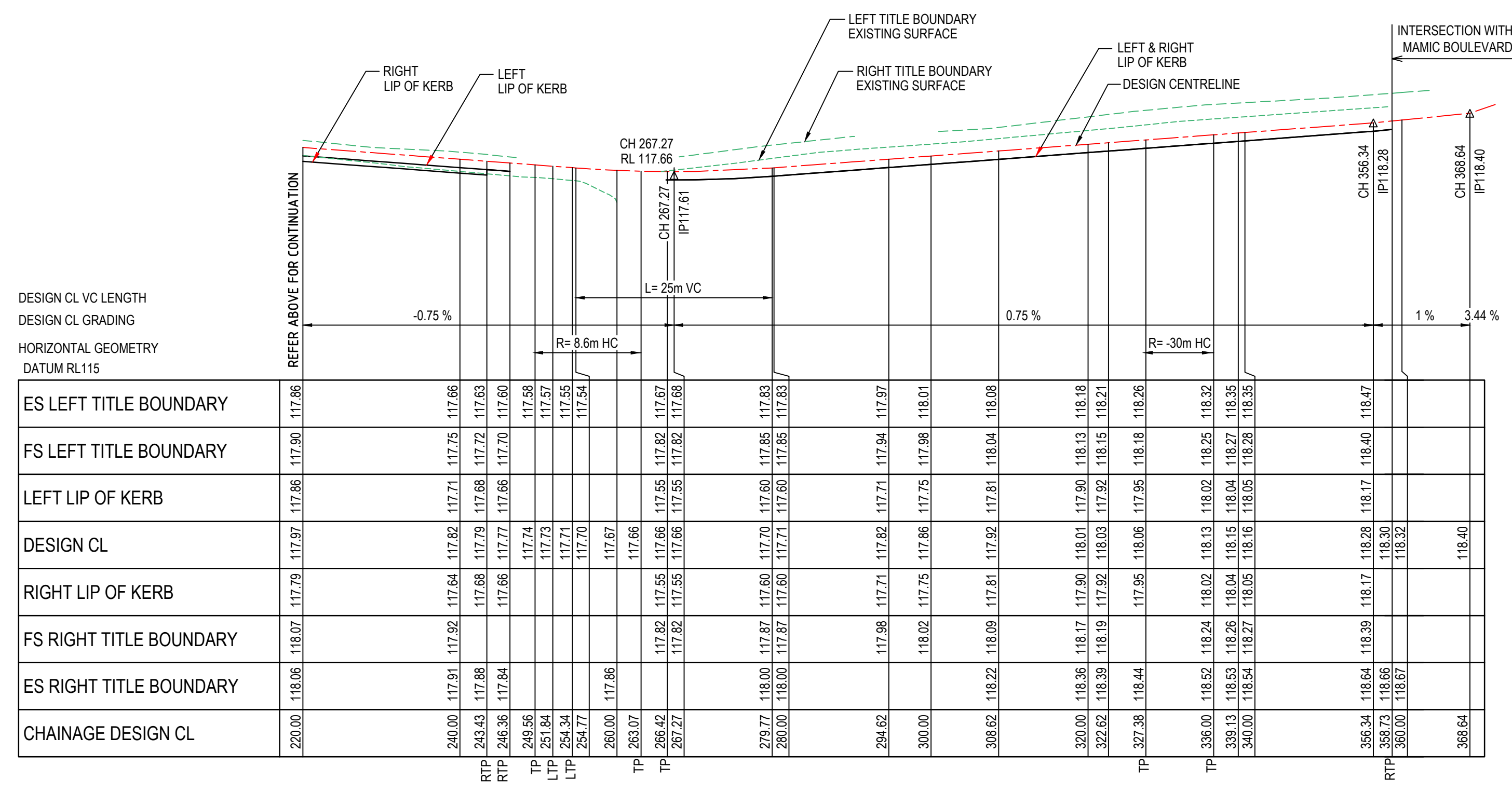
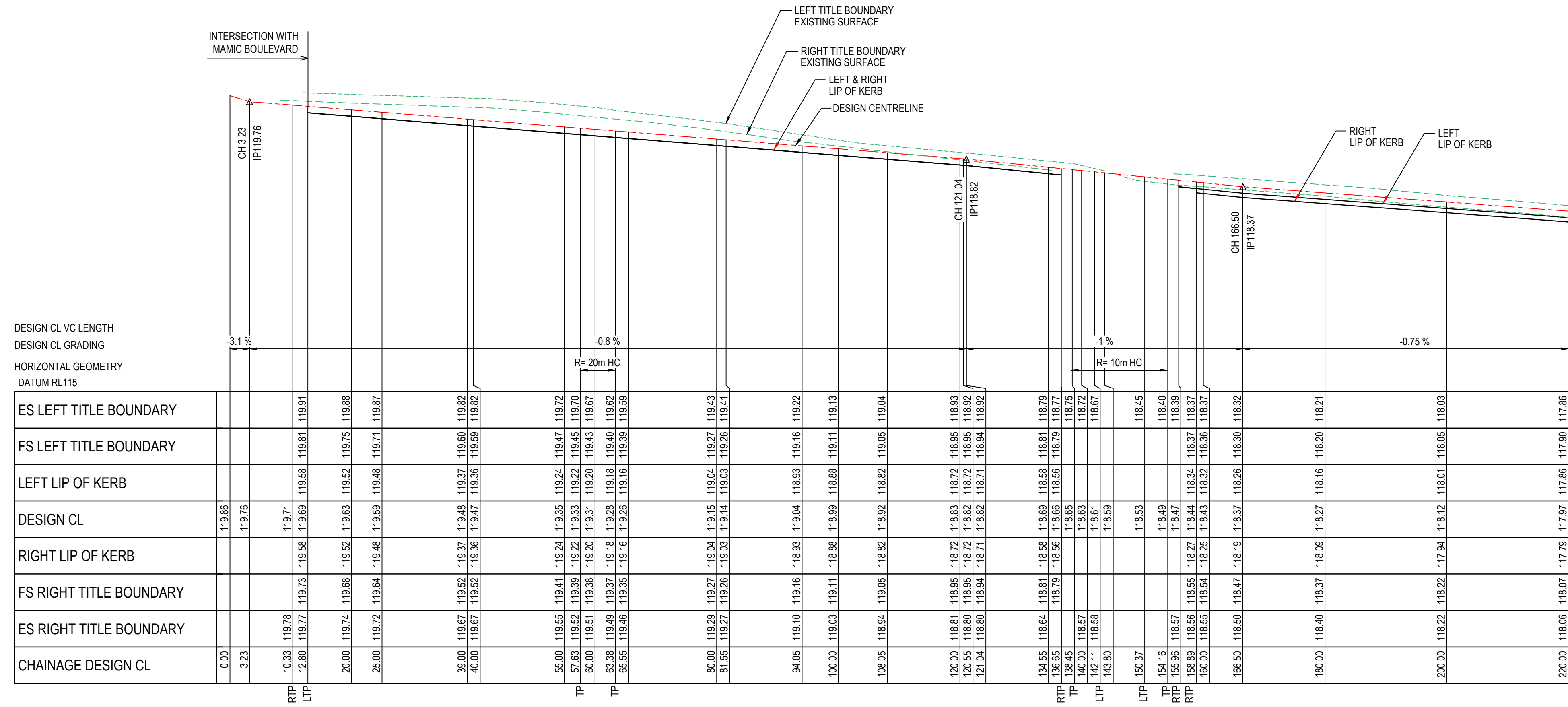
LIMIT OF WORKS LTP CH 259.255

AS CONSTRUCTED

MAMIC BOULEVARD



		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. 356-C-2		ASPIRE ESTATE STAGE 35A MAMIC BOULEVARD SHEET 2 OF 2		MUNICIPALITY MELTON	
SURVEY BPD				REFERENCE 8226 E/35A	
DESIGN J.B		DRAWN I.W		SCALE AS SHOWN DATUM AHD	
CHECKED C. HAGEN		DATE NOV 2022		SHEET 08 OF 22	
AMENDMENTS		VER DATE		REMARKS	
A 25.01.24		CONSTRUCTION ISSUE			

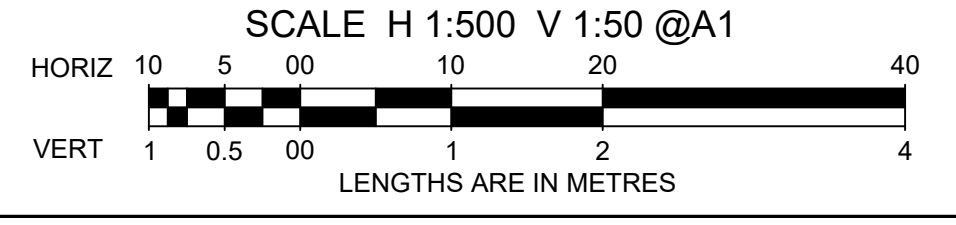


AS CONSTRUCTED

GANGUR WAY

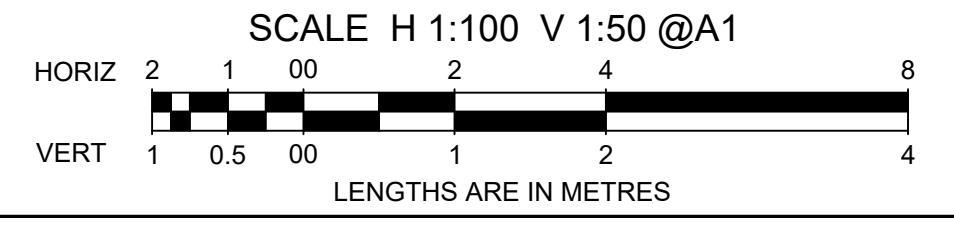
LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

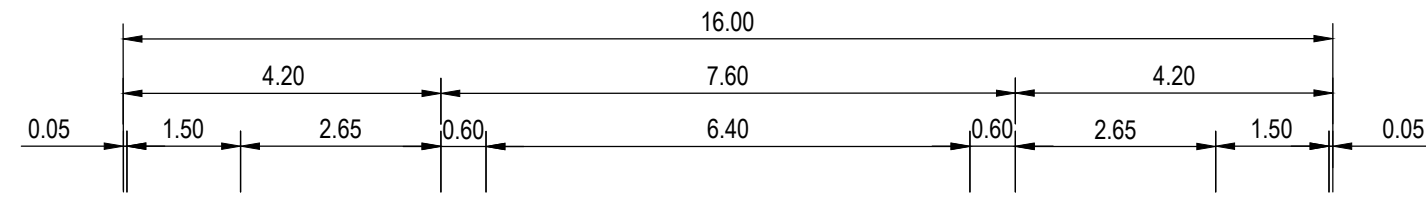


CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

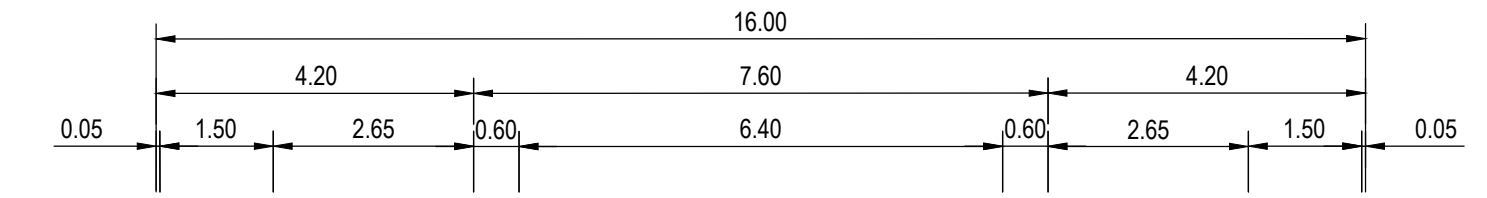


		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
AMENDMENTS C 17.09.24 ROAD NAME AMENDED B 21.03.24 ROAD NAME AMENDED A 25.01.24 CONSTRUCTION ISSUE		MELWAY REF. 356-C-2 SURVEY BPD DESIGN J.B DRAWN I.W CHECKED C. HAGEN	
ASPIRE ESTATE STAGE 35A GANGUR WAY SHEET 1 OF 4		MUNICIPALITY MELTON REFERENCE 8226 E/35A	
SCALE AS SHOWN	DATUM AHD	DATE NOV 2022	SHEET 09 OF 22



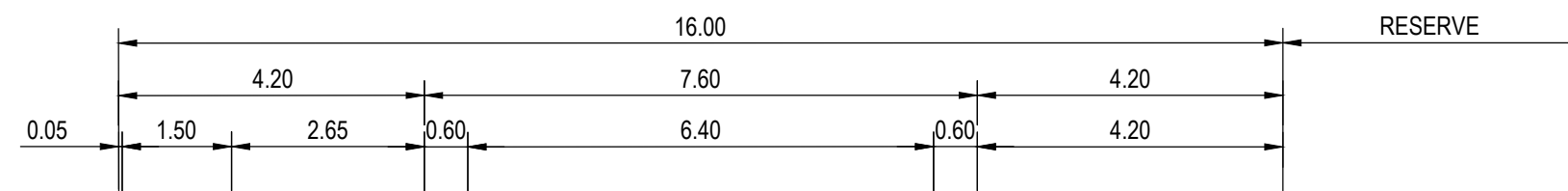
RL118.0	
DESIGN RL'S	-11.00, 119.28, -8.00, 119.41, 119.26, -7.95, 119.41, 119.26, -6.45, 119.39, 119.23, -3.80, 119.37, 119.14, -3.20, 119.37, 119.03, 0.00, 119.34, 119.14, 3.20, 119.31, 119.03, 3.80, 119.31, 119.14, 6.45, 119.28, 119.23, 7.95, 119.27, 119.26, 8.00, 119.27, 119.26, 10.00, 119.25, 119.30
EXIST RL'S	-11.00, 119.43, 119.28, -8.00, 119.41, 119.26, -7.95, 119.41, 119.26, -6.45, 119.39, 119.23, -3.80, 119.37, 119.14, -3.20, 119.37, 119.03, 0.00, 119.34, 119.14, 3.20, 119.31, 119.03, 3.80, 119.31, 119.14, 6.45, 119.28, 119.23, 7.95, 119.27, 119.26, 8.00, 119.27, 119.26, 10.00, 119.25, 119.30
OFFSETS	-11.00, 119.43, 119.28, -8.00, 119.41, 119.26, -7.95, 119.41, 119.26, -6.45, 119.39, 119.23, -3.80, 119.37, 119.14, -3.20, 119.37, 119.03, 0.00, 119.34, 119.14, 3.20, 119.31, 119.03, 3.80, 119.31, 119.14, 6.45, 119.28, 119.23, 7.95, 119.27, 119.26, 8.00, 119.27, 119.26, 10.00, 119.25, 119.30

CH 81.548



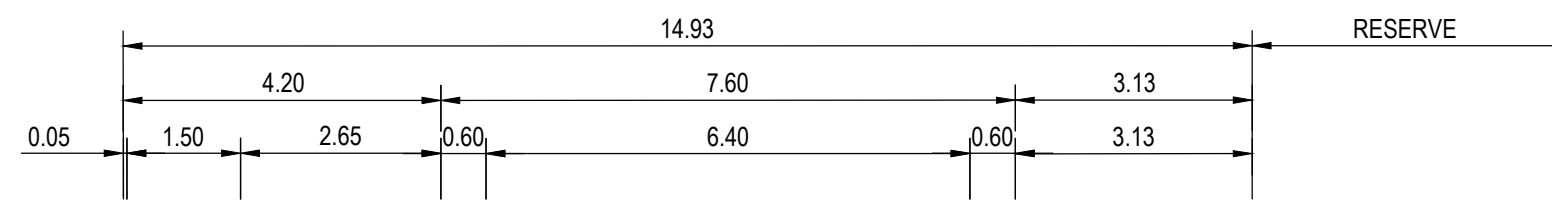
RL117.0	
DESIGN RL'S	-11.00, 118.82, -9.00, 118.77, 118.76, -7.95, 118.77, 118.76, -6.45, 118.75, 118.76, -3.80, 118.73, 118.67, -3.20, 118.72, 118.56, 0.00, 118.69, 118.67, 3.20, 118.66, 118.56, 3.80, 118.65, 118.67, 6.45, 118.63, 118.76, 7.95, 118.62, 118.79, 8.00, 118.62, 118.79, 10.00, 118.60, 118.80
EXIST RL'S	-11.00, 118.79, 118.82, -9.00, 118.77, 118.76, -7.95, 118.77, 118.76, -6.45, 118.75, 118.76, -3.80, 118.73, 118.67, -3.20, 118.72, 118.56, 0.00, 118.69, 118.67, 3.20, 118.66, 118.56, 3.80, 118.65, 118.67, 6.45, 118.63, 118.76, 7.95, 118.62, 118.79, 8.00, 118.62, 118.79, 10.00, 118.60, 118.80
OFFSETS	-11.00, 118.79, 118.82, -9.00, 118.77, 118.76, -7.95, 118.77, 118.76, -6.45, 118.75, 118.76, -3.80, 118.73, 118.67, -3.20, 118.72, 118.56, 0.00, 118.69, 118.67, 3.20, 118.66, 118.56, 3.80, 118.65, 118.67, 6.45, 118.63, 118.76, 7.95, 118.62, 118.79, 8.00, 118.62, 118.79, 10.00, 118.60, 118.80

RTP CH 136.654



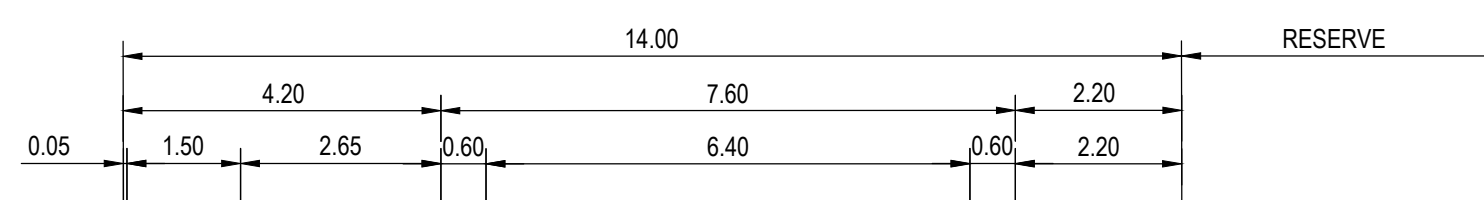
RL118.0	
DESIGN RL'S	-11.00, 119.64, 119.52, -8.49, 119.62, 119.49, -8.00, 119.62, 119.41, -7.95, 119.62, 119.40, -6.45, 119.61, 119.37, -3.80, 119.58, 119.29, -3.20, 119.58, 119.18, 0.00, 119.55, 119.28, 3.20, 119.53, 119.18, 3.80, 119.52, 119.29, 8.00, 119.49, 119.37, 8.67, 119.48, 119.48, 10.00, 119.47, 119.47
EXIST RL'S	-11.00, 119.64, 119.52, -8.49, 119.62, 119.49, -8.00, 119.62, 119.41, -7.95, 119.62, 119.40, -6.45, 119.61, 119.37, -3.80, 119.58, 119.29, -3.20, 119.58, 119.18, 0.00, 119.55, 119.28, 3.20, 119.53, 119.18, 3.80, 119.52, 119.29, 8.00, 119.49, 119.37, 8.67, 119.48, 119.48, 10.00, 119.47, 119.47
OFFSETS	-11.00, 119.64, 119.52, -8.49, 119.62, 119.49, -8.00, 119.62, 119.41, -7.95, 119.62, 119.40, -6.45, 119.61, 119.37, -3.80, 119.58, 119.29, -3.20, 119.58, 119.18, 0.00, 119.55, 119.28, 3.20, 119.53, 119.18, 3.80, 119.52, 119.29, 8.00, 119.49, 119.37, 8.67, 119.48, 119.48, 10.00, 119.47, 119.47

TP CH 63.380



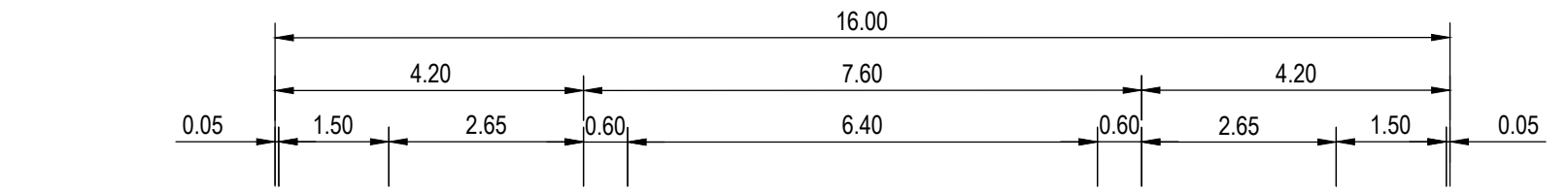
RL118.0	
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EXIST RL'S	-11.00, 119.72, 119.72, -9.53, 119.71, 119.71, -8.00, 119.70, 119.45, -7.95, 119.70, 119.45, -6.45, 119.68, 119.42, -3.80, 119.65, 119.33, -3.20, 119.64, 119.22, 0.00, 119.61, 119.33, 3.20, 119.57, 119.22, 3.80, 119.57, 119.33, 6.83, 119.53, 119.39, 7.70, 119.52, 119.52, 10.00, 119.50, 119.50
OFFSETS	-11.00, 119.72, 119.72, -9.53, 119.71, 119.71, -8.00, 119.70, 119.45, -7.95, 119.70, 119.45, -6.45, 119.68, 119.42, -3.80, 119.65, 119.33, -3.20, 119.64, 119.22, 0.00, 119.61, 119.33, 3.20, 119.57, 119.22, 3.80, 119.57, 119.33, 6.83, 119.53, 119.39, 7.70, 119.52, 119.52, 10.00, 119.50, 119.50

TP CH 57.635



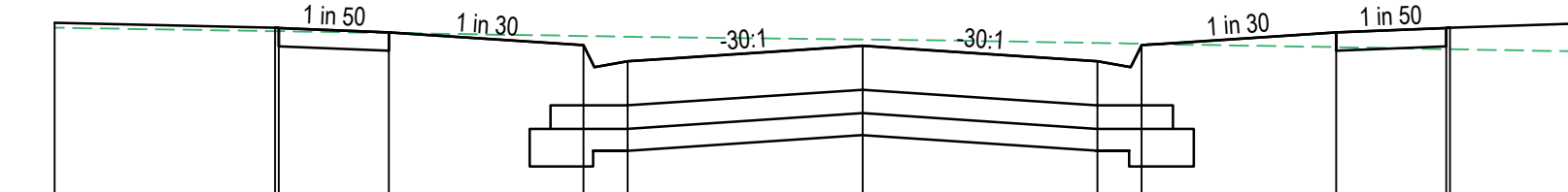
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EXIST RL'S	-11.00, 119.85, 119.84, -10.00, 119.84, 119.83, -8.00, 119.82, 119.60, -7.95, 119.82, 119.60, -6.45, 119.81, 119.57, -3.80, 119.79, 119.48, -3.20, 119.78, 119.37, 0.00, 119.74, 119.48, 3.20, 119.71, 119.37, 3.80, 119.70, 119.48, 6.00, 119.67, 119.53, 6.84, 119.66, 119.66, 10.00, 119.63, 119.62
OFFSETS	-11.00, 119.85, 119.84, -10.00, 119.84, 119.83, -8.00, 119.82, 119.60, -7.95, 119.82, 119.60, -6.45, 119.81, 119.57, -3.80, 119.79, 119.48, -3.20, 119.78, 119.37, 0.00, 119.74, 119.48, 3.20, 119.71, 119.37, 3.80, 119.70, 119.48, 6.00, 119.67, 119.53, 6.84, 119.66, 119.66, 10.00, 119.63, 119.62

CH 38.996



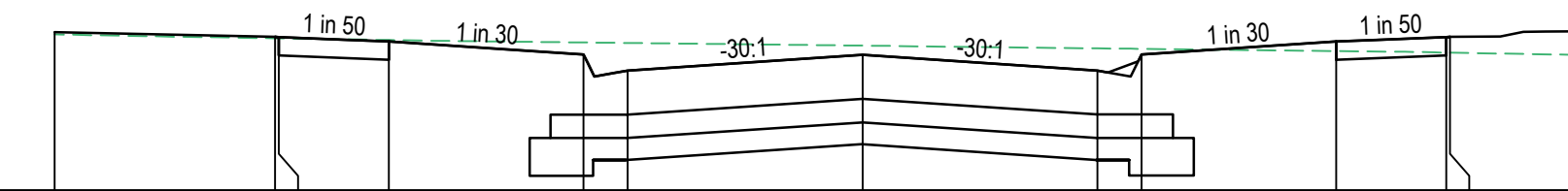
RL117.0	
DESIGN RL'S	-11.00, 118.98, -9.00, 118.92, 118.95, -7.95, 118.92, 118.95, -6.45, 118.91, 118.92, -3.80, 118.89, 118.83, -3.20, 118.89, 118.72, 0.00, 118.87, 118.83, 3.20, 118.84, 118.72, 3.80, 118.84, 118.83, 6.45, 118.82, 118.92, 7.95, 118.80, 118.95, 8.00, 118.80, 118.95, 10.00, 118.78, 118.98
EXIST RL'S	-11.00, 118.95, 118.98, -9.00, 118.92, 118.95, -7.95, 118.92, 118.95, -6.45, 118.91, 118.92, -3.80, 118.89, 118.83, -3.20, 118.89, 118.72, 0.00, 118.87, 118.83, 3.20, 118.84, 118.72, 3.80, 118.84, 118.83, 6.45, 118.82, 118.92, 7.95, 118.80, 118.95, 8.00, 118.80, 118.95, 10.00, 118.78, 118.98
OFFSETS	-11.00, 118.95, 118.98, -9.00, 118.92, 118.95, -7.95, 118.92, 118.95, -6.45, 118.91, 118.92, -3.80, 118.89, 118.83, -3.20, 118.89, 118.72, 0.00, 118.87, 118.83, 3.20, 118.84, 118.72, 3.80, 118.84, 118.83, 6.45, 118.82, 118.92, 7.95, 118.80, 118.95, 8.00, 118.80, 118.95, 10.00, 118.78, 118.98

CH 120.554



RL118.0	
DESIGN RL'S	-11.00, 119.06, 119.08, -9.00, 119.04, 119.03, -7.95, 119.04, 119.03, -6.45, 119.03, 119.02, -3.80, 119.01, 118.93, -3.20, 119.01, 118.82, 0.00, 118.99, 118.93, 3.20, 118.97, 118.82, 3.80, 118.97, 118.93, 6.45, 118.95, 119.02, 7.95, 118.94, 119.05, 8.00, 118.94, 119.05, 10.00, 118.92, 119.09
EXIST RL'S	-11.00, 119.06, 119.08, -9.00, 119.04, 119.03, -7.95, 119.04, 119.03, -6.45, 119.03, 119.02, -3.80, 119.01, 118.93, -3.20, 119.01, 118.82, 0.00, 118.99, 118.93, 3.20, 118.97, 118.82, 3.80, 118.97, 118.93, 6.45, 118.95, 119.02, 7.95, 118.94, 119.05, 8.00, 118.94, 119.05, 10.00, 118.92, 119.09
OFFSETS	-11.00, 119.06, 119.08, -9.00, 119.04, 119.03, -7.95, 119.04, 119.03, -6.45, 119.03, 119.02, -3.80, 119.01, 118.93, -3.20, 119.01, 118.82, 0.00, 118.99, 118.93, 3.20, 118.97, 118.82, 3.80, 118.97, 118.93, 6.45, 118.95, 119.02, 7.95, 118.94, 119.05, 8.00, 118.94, 119.05, 10.00, 118.92, 119.09

CH 108.052



RL118.0	
DESIGN RL'S	-11.00, 119.24, 119.19, -9.00, 119.22, 119.16, -7.95, 119.22, 119.16, -6.45, 119.21, 119.13, -3.80, 119.19, 119.04, -3.20, 119.18, 118.93, 0.00, 119.16, 119.04, 3.20, 119.13, 118.93, 3.80, 119.13, 119.04, 6.45, 119.11, 119.13, 7.95, 119.10, 119.16, 8.00, 119.10, 119.16, 10.00, 119.09, 119.19
EXIST RL'S	-11.00, 119.24, 119.19, -9.00, 119.22, 119.16, -7.95, 119.22, 119.16, -6.45, 119.21, 119.13, -3.80, 119.19, 119.04, -3.20, 119.18, 118.93, 0.00, 119.16, 119.04, 3.20, 119.13, 118.93, 3.80, 119.13, 119.04, 6.45, 119.11, 119.13, 7.95, 119.10, 119.16, 8.00, 119.10, 119.16, 10.00, 119.09, 119.19
OFFSETS	-11.00, 119.24, 119.19, -9.00, 119.22, 119.16, -7.95, 119.22, 119.16, -6.45, 119.21, 119.13, -3.80, 119.19, 119.04, -3.20, 119.18, 118.93, 0.00, 119.16, 119.04, 3.20, 119.13, 118.93, 3.80, 119.13, 119.04, 6.45, 119.11, 119.13, 7.95, 119.10, 119.16, 8.00, 119.10, 119.16, 10.00, 119.09, 119.19

CH 94.050

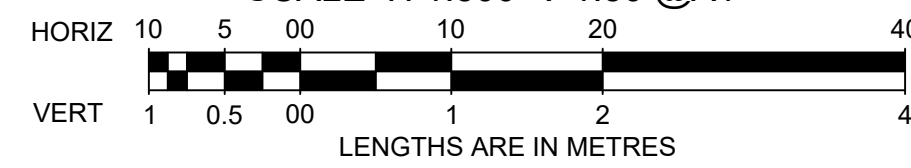
AS CONSTRUCTED

GANGUR WAY

LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

SCALE H 1:500 V 1:50 @A1



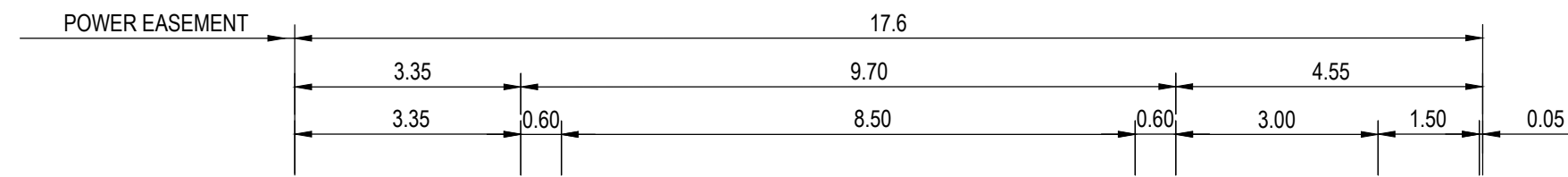
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

SCALE H 1:100 V 1:50 @A1

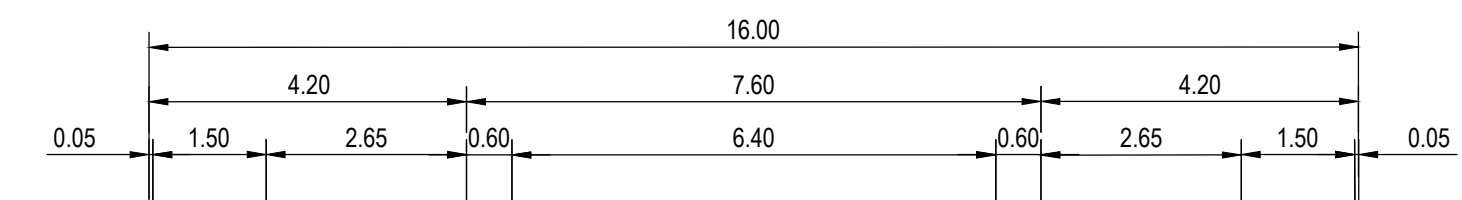


				breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		MELWAY REF. 356-C-2		ASPIRE ESTATE STAGE 35A GANGUR WAY SHEET 2 OF 4		MUNICIPALITY MELTON	
AMENDMENTS C 17.09.24 ROAD NAME AMENDED B 21.03.24 ROAD NAME AMENDED A 25.01.24 CONSTRUCTION ISSUE		SURVEY BPD DESIGN J.B DRAWN I.W		REFERENCE 8226 E/35A		SHEET 10 OF 22	
VER DATE REMARKS		CHECKED C. HAGEN		SCALE AS SHOWN DATUM AHD		DATE NOV 2022	



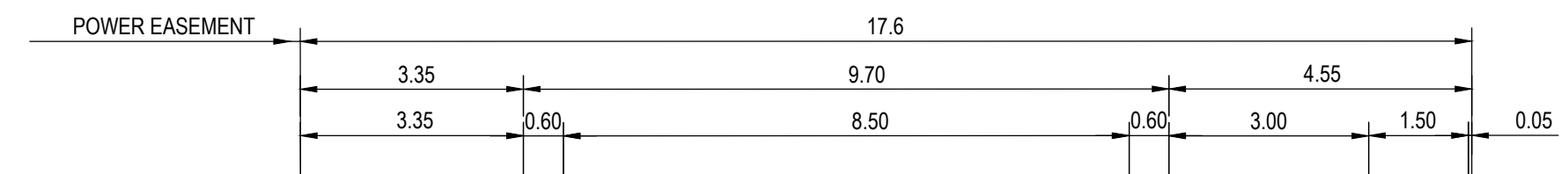
RL117.0	
DESIGN RL'S	117.99
EXIST RL'S	117.99
OFFSETS	-11.00

CH 200.000



RL116.0	
DESIGN RL'S	118.01
EXIST RL'S	117.66
OFFSETS	-11.00

TP CH 266.421

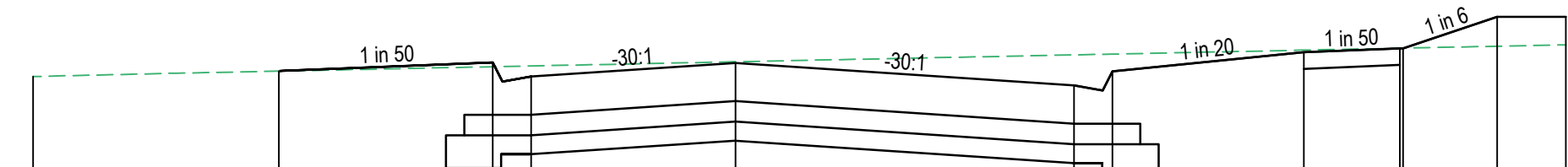


RL117.0	
DESIGN RL'S	118.16
EXIST RL'S	118.16
OFFSETS	-11.00

CH 180.000

RL116.5	
DESIGN RL'S	117.58
EXIST RL'S	117.58
OFFSETS	-11.00

CH 243.434

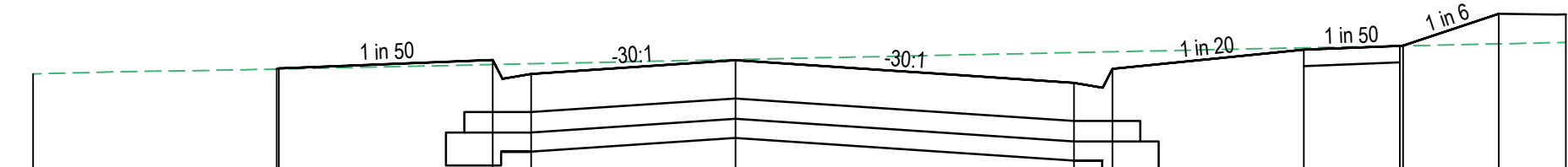


RL117.0	
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EXIST RL'S	118.32
OFFSETS	-11.00

CH 160.000

RL116.5	
DESIGN RL'S	117.61
EXIST RL'S	117.61
OFFSETS	-11.00

CH 240.000



RL117.0	
DESIGN RL'S	118.34
EXIST RL'S	118.34
OFFSETS	-11.00

RTP CH 158.891

RL117.0	
DESIGN RL'S	117.82
EXIST RL'S	117.82
OFFSETS	-11.00

CH 220.000

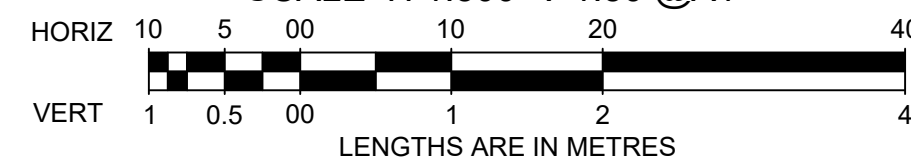
GANGUR WAY

AS CONSTRUCTED

LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

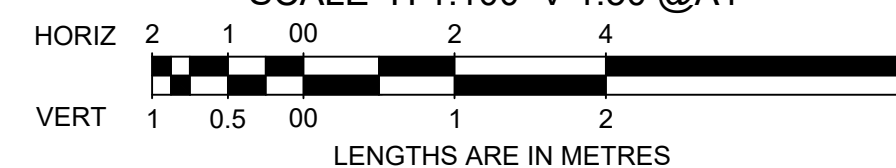
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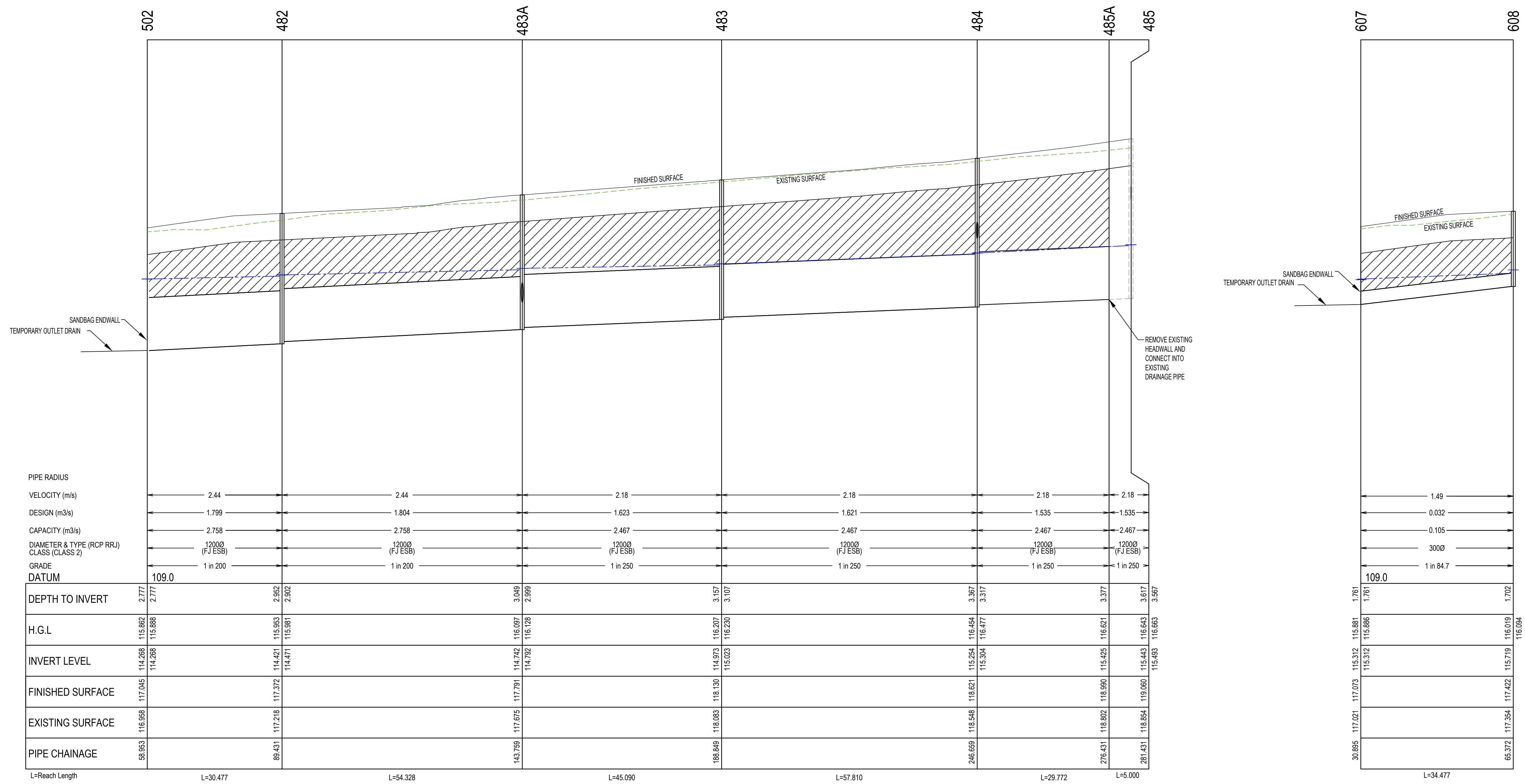
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

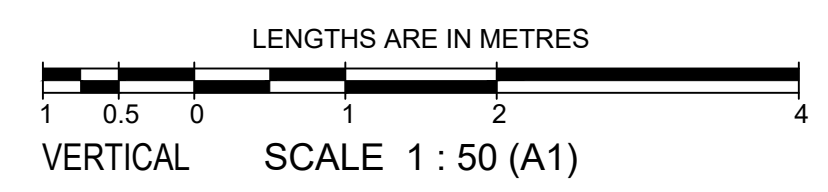
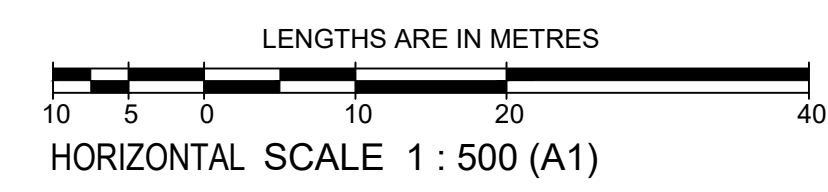
SCALE H 1:100 V 1:50 @A1



		 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. 356-C-2		MUNICIPALITY MELTON	
		SURVEY BPD		REFERENCE 8226 E/35A	
		DESIGN J.B		SHEET 11 OF 22	
		DRAWN I.W		DATE NOV 2022	
		CHECKED C. HAGEN		SCALE AS SHOWN DATUM AHD	
AMENDMENTS C 17.09.24 ROAD NAME AMENDED B 21.03.24 ROAD NAME AMENDED A 25.01.24 CONSTRUCTION ISSUE		DATE 17.09.24 21.03.24 25.01.24		REMARKS ROAD NAME AMENDED ROAD NAME AMENDED CONSTRUCTION ISSUE	

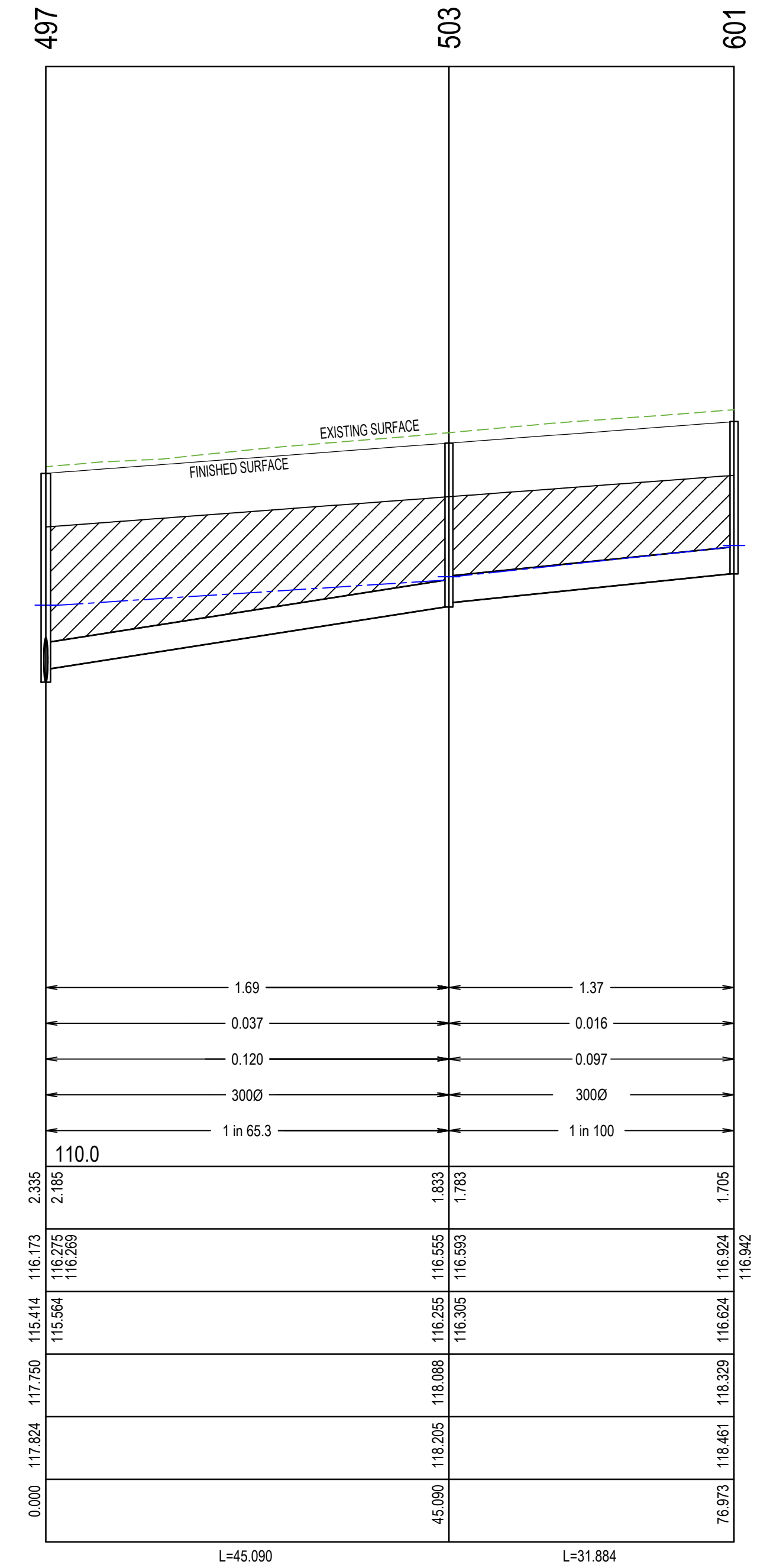
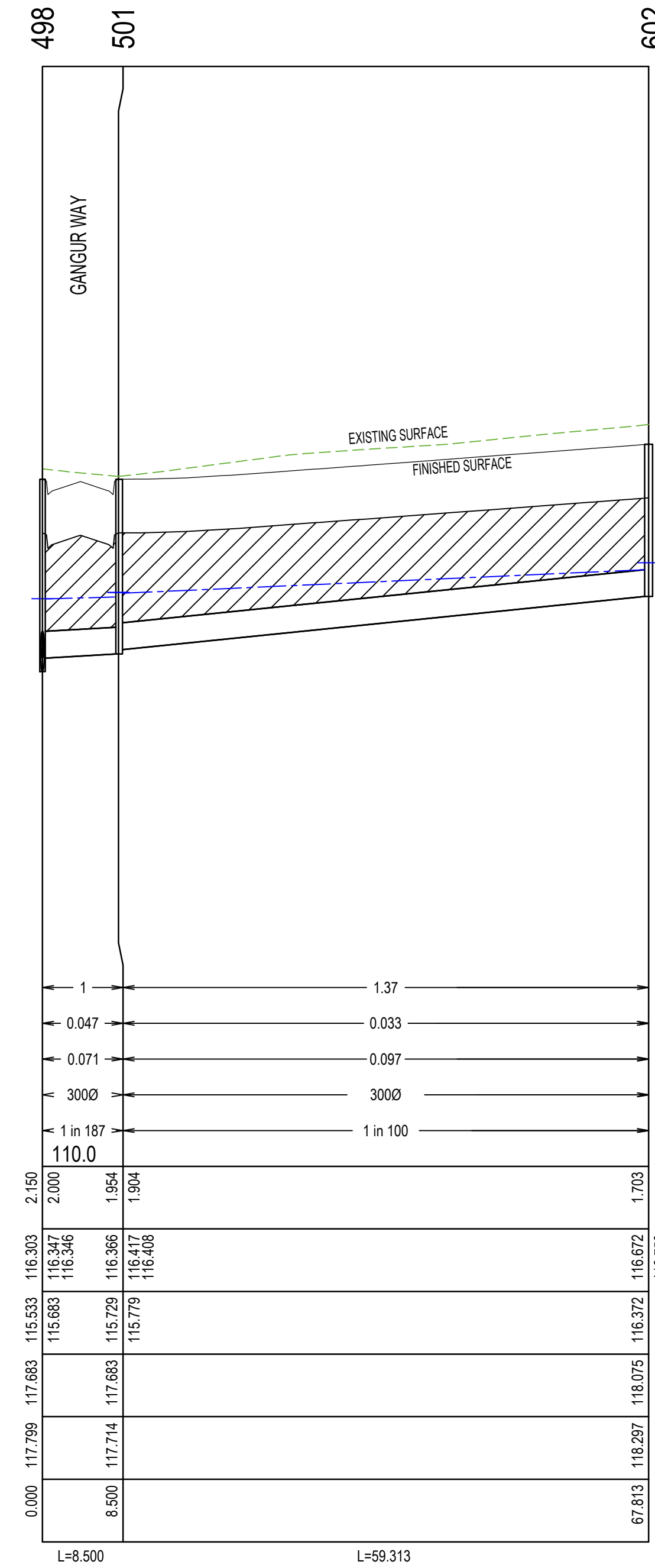
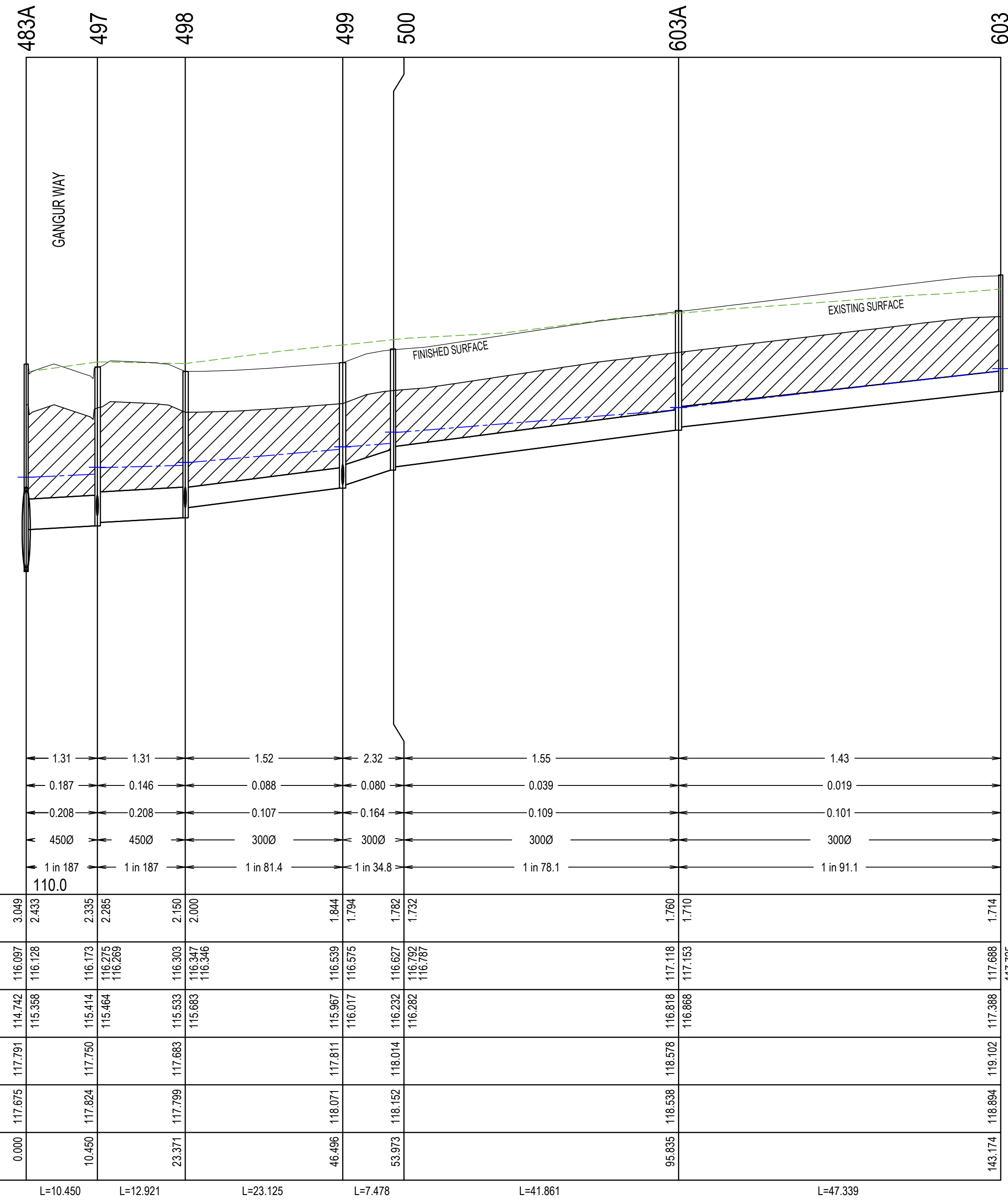


- LEGEND:**
- EXISTING SURFACE PROFILE
 - FINISHED SURFACE PROFILE
 - INDICATES SVR HGL
 - INDICATES CRUSHED ROCK BACKFILL



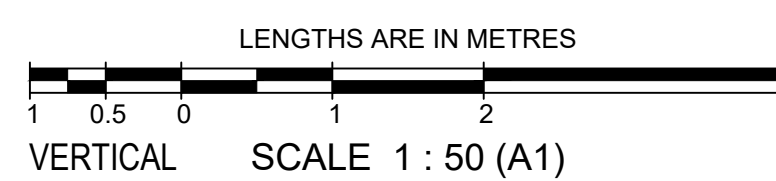
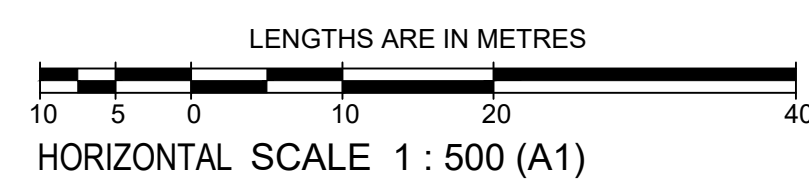
AS CONSTRUCTED

<p>AMENDMENTS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A</td> <td style="width: 15%;">25.01.24</td> <td style="width: 60%;">CONSTRUCTION ISSUE</td> </tr> <tr> <td>VER</td> <td>DATE</td> <td>REMARKS</td> </tr> </table>		A	25.01.24	CONSTRUCTION ISSUE	VER	DATE	REMARKS	<p>breese pitt dixon pty. ltd. land surveyors civil engineers</p>		<p>1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310</p>	
		A	25.01.24	CONSTRUCTION ISSUE							
VER	DATE	REMARKS									
<p>MELWAY REF. 356-C-2 SURVEY BPD DESIGN J.B</p>		<p>ASPIRE ESTATE STAGE 35A</p>		<p>MUNICIPALITY MELTON</p>							
<p>DRAWN I.W</p>		<p>DRAINAGE LONGITUDINAL SECTIONS - SHEET 1</p>		<p>REFERENCE 8226 E/35A</p>							
<p>CHECKED C. HAGEN</p>		<p>SCALE AS SHOWN DATUM AHD</p>		<p>DATE NOV 2022</p>							
<p>SHEET 15 OF 22</p>		<p>A</p>		<p>A</p>							



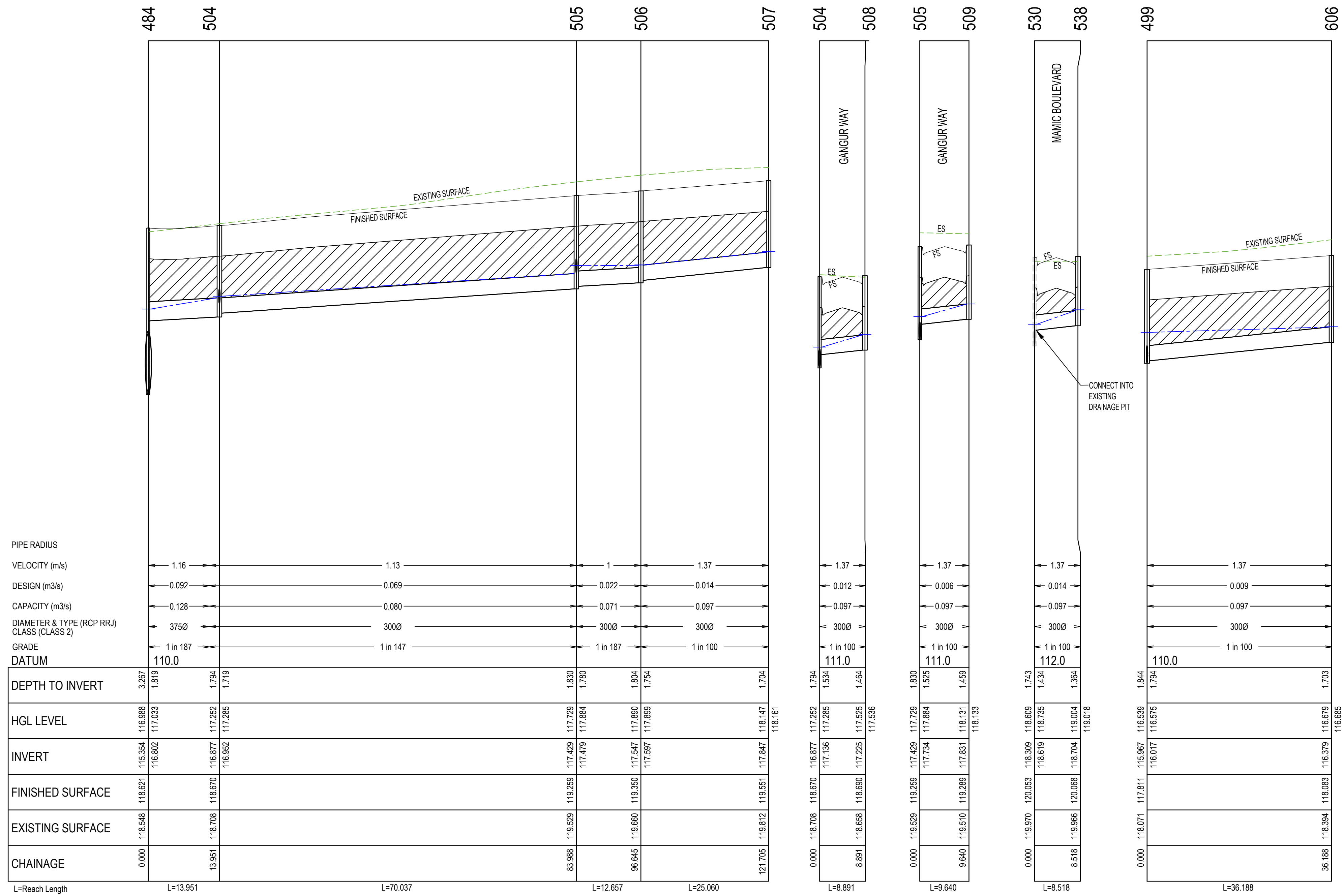
LEGEND:

- EXISTING SURFACE PROFILE
- FINISHED SURFACE PROFILE
- INDICATES SVR HGL
- INDICATES CRUSHED ROCK BACKFILL



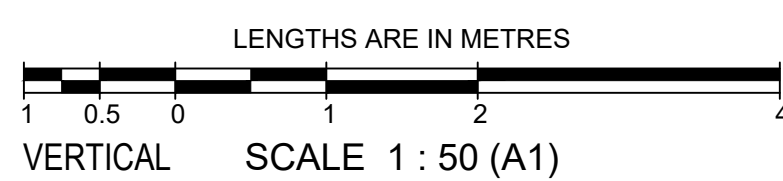
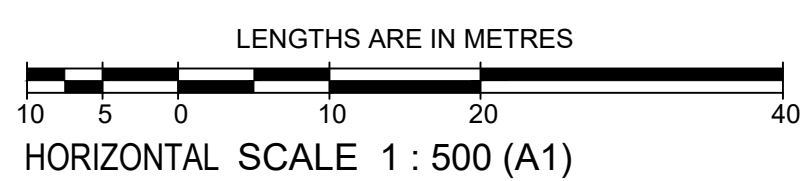
AS CONSTRUCTED

				breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310							
AMENDMENTS		MELWAY REF.	356-C-2	ASPIRE ESTATE STAGE 35A		MUNICIPALITY							
C	17.09.24	ROAD NAME AMENDED	SURVEY			BPD	MELTON						
B	21.03.24	ROAD NAME AMENDED	DESIGN			J.B	REFERENCE						
A	25.01.24	CONSTRUCTION ISSUE	DRAWN	I.W	8226 E/35A								
VER	DATE	REMARKS	CHECKED	C. HAGEN	SCALE	AS SHOWN	DATUM	AHD	DATE	NOV 2022	SHEET	16 OF 22	C



LEGEND:

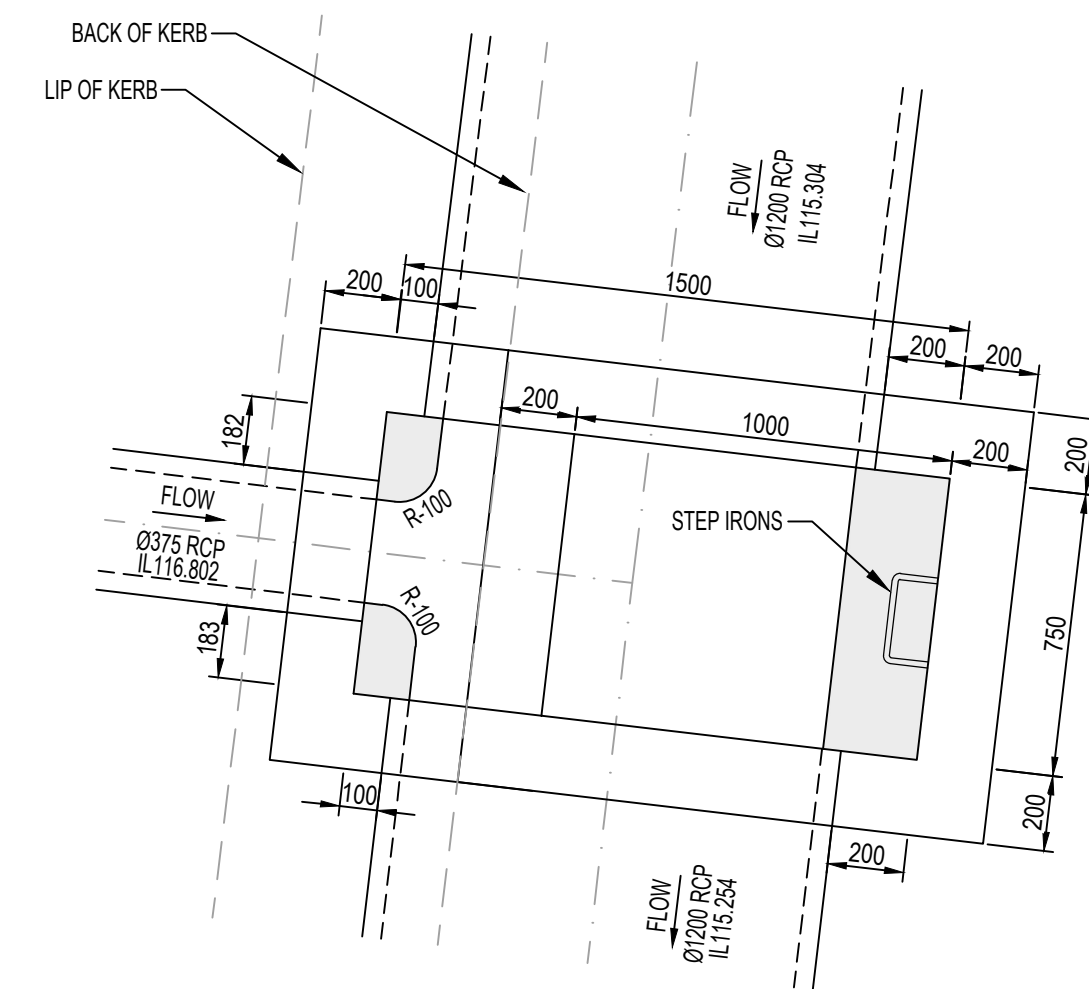
- EXISTING SURFACE PROFILE
- FINISHED SURFACE PROFILE
- INDICATES SVR HGL
- INDICATES CRUSHED ROCK BACKFILL



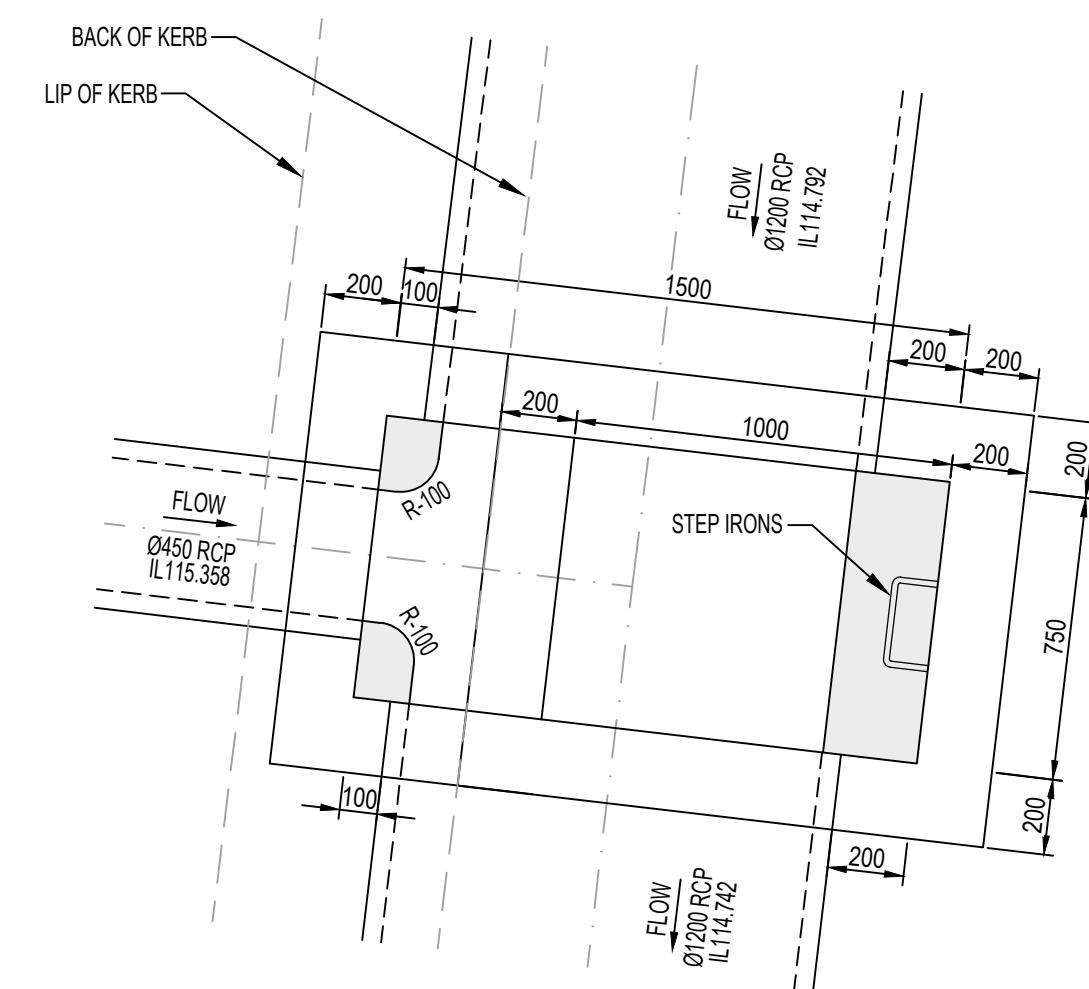
AS CONSTRUCTED

				1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		MELWAY REF. 356-C-2		MUNICIPALITY MELTON	
C 17.09.24 ROAD NAME AMENDED		SURVEY BPD		REFERENCE 8226 E/35A	
B 21.03.24 ROAD NAME AMENDED		DESIGN J.B		8226 E/35A	
A 25.01.24 CONSTRUCTION ISSUE		DRAWN I.W		DRAINAGE LONGITUDINAL SECTIONS - SHEET 3	
VER	DATE	REMARKS	CHECKED C. HAGEN	SCALE AS SHOWN	DATUM AHD
					DATE NOV 2022
					SHEET 17 OF 22

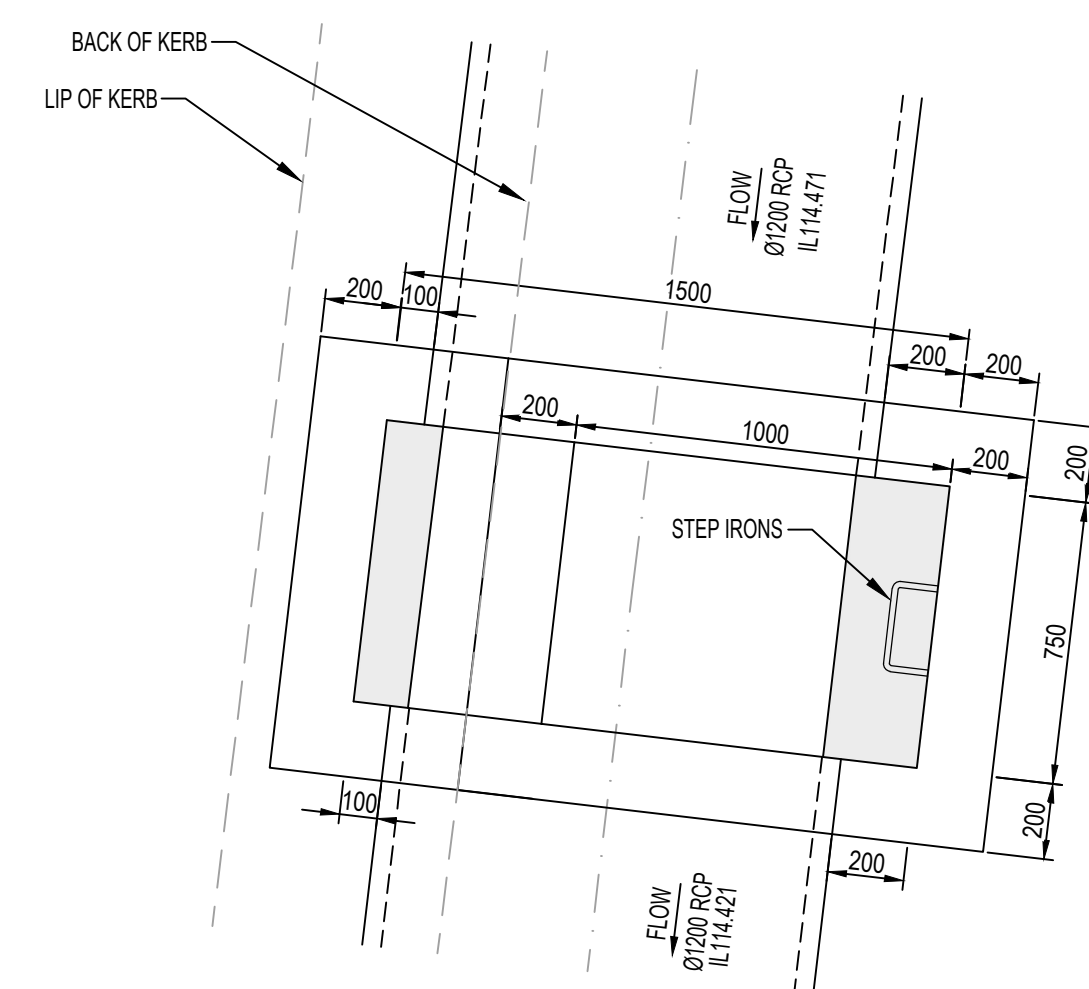
STRUCTURE SCHEDULE												
PIT No.	DESCRIPTION	INTERNAL DIMENSIONS		INLET		OUTLET		BRANCH CONNECTION		TOP OF PIT	DEPTH OF PIT	REMARKS
		L	W	DIA	LEVEL	DIA	LEVEL	DIA	LEVEL			
482	Channel Grating Pit	1500	900	1200	114.471	1200	114.421			117.372	2.952	Refer Vic Road Standard Drawing - SD 1023 Type B for reinforcement Refer right for pit details Details. Haunched 1000 * 750 E: 299142.4069, N: 5824296.3816 / E: 299142.3191, N: 5824295.6368
483A	Channel Grating Pit	1500	900	1200	114.792	1200	114.742	450	115.358	117.791	3.049	Refer Vic Road Standard Drawing - SD 1023 Type B for reinforcement Refer right for pit details Details. Haunched 1000 * 750 E: 299148.7674, N: 5824350.3364 / E: 299148.6796, N: 5824349.5916
483	Channel Grating Pit	1500	900	1200	115.023	1200	114.973			118.13	3.157	Refer Vic Road Standard Drawing - SD 1023 Type B for reinforcement Details. Haunched 1000 * 750 E: 299154.0462, N: 5824395.1162 / E: 299153.9584, N: 5824394.3714
484	Junction Pit	1500	900	1200	115.304	1200	115.254	375	116.802	118.621	3.367	Refer Vic Road Standard Drawing - SD 1023 Type B for reinforcement Refer right for pit details Details. Haunched 1000 * 750 E: 299160.8143, N: 5824452.5290 / E: 299160.7265, N: 5824451.7841
485A	End of Pipe (Existing)			1200	115.424	1200	115.424			118.99	3.566	Remove Headwall and Connect into Existing Drainage Pipe.
497	Channel Grating Pit	600	900	450	115.464	450	115.414	300	115.564	117.75	2.335	EDCM601-EDCM605 with Class B Cover.
498	Channel Grating Pit	600	900	300	115.683	450	115.533	300	115.683	117.683	2.15	EDCM601-EDCM605 with Class B Cover. E: 299130.0613, N: 5824340.7068 / E: 299130.9552, N: 5824340.6014
499	Junction Pit	600	900	300	116.017	300	115.967	300	116.017	117.811	1.844	EDCM605 with Class B Cover. E: 299107.0933, N: 5824343.3928 / E: 299107.9871, N: 5824343.2874
500	Junction Pit	600	900	300	116.282	300	116.232			118.004	1.771	EDCM605 with Class B Cover. Install Heavy Duty Lid. Haunched at top 600 * 600 E: 299101.9162, N: 5824348.8076 / E: 299102.8100, N: 5824348.7022
501	Channel Grating Pit	600	900	300	115.779	300	115.729			117.683	1.954	EDCM601-EDCM605 with Class B Cover. E: 299130.0303, N: 5824332.7557 / E: 299129.1365, N: 5824332.8611
502	End of Pipe			1200	114.268	1200	114.268			117.045	2.777	Construct Temporary Outlet Drain to Daylight. E: 299138.8729, N: 5824265.7322
503	Channel Grating Pit	600	900	300	116.305	300	116.255			118.088	1.833	EDCM601-EDCM605 with Class B Cover. E: 299143.9687, N: 5824395.4735 / E: 299144.0741, N: 5824396.3673
504	Channel Grating Pit	600	900	300	116.952	375	116.877	300	117.136	118.67	1.794	EDCM601-EDCM605 with Class B Cover. E: 299147.4160, N: 5824453.4503 / E: 299146.5222, N: 5824453.5557
505	Channel Grating Pit	600	900	300	117.479	300	117.429	300	117.734	119.259	1.83	EDCM601-EDCM605 with Class B Cover. E: 299076.9588, N: 5824461.7562 / E: 299077.8526, N: 5824461.6508
506	Junction Pit	600	900	300	117.597	300	117.547			119.35	1.804	EDCM605 with Class B Cover.
507	Junction Pit	600	900			300	117.847			119.551	1.704	EDCM605 with Class B Cover. E: 299039.7126, N: 5824457.6949 / E: 299040.5996, N: 5824457.8471
508	Channel Grating Pit	600	900			300	117.225			118.69	1.464	EDCM601-EDCM605 with Class B Cover. E: 299143.9726, N: 5824445.9015 / E: 299143.0788, N: 5824446.0069
509	Channel Grating Pit	600	900			300	117.831			119.289	1.459	EDCM601-EDCM605 with Class B Cover.
526	Channel Grating Pit	600	900	375	116.851	375	116.801	300	117.215	118.642	1.841	EDCM601-EDCM605 with Class B Cover. Existing Junction Pit Lid to be converted to Channel Grated Lid.
530	Channel Grating Pit	600	900	300	118.359	300	118.309	300	118.619	120.053	1.743	EDCM601-EDCM605 with Class B Cover. Existing Junction Pit Lid to be converted to Channel Grated Lid.
538	Channel Grating Pit	600	900			300	118.704			120.068	1.364	EDCM601-EDCM605 with Class B Cover.
601	Junction Pit	600	900			300	116.624			118.329	1.704	EDCM605 with Class B Cover. E: 299147.8279, N: 5824428.0273 / E: 299147.7226, N: 5824427.1335
602	Channel Grating Pit	600	900			300	116.372			118.075	1.703	EDCM601-EDCM605 with Class B Cover.
603A	Junction Pit	600	900	300	116.868	300	116.818			118.563	1.745	EDCM605 with Class B Cover. Install Heavy Duty Lid. Haunched at top 600 * 600 E: 299107.7108, N: 5824390.2754 / E: 299106.8170, N: 5824390.3808
603	Junction Pit	600	900			300	117.388			119.09	1.702	EDCM605 with Class B Cover. Install Heavy Duty Lid. Haunched at top 600 * 600 E: 299113.3233, N: 5824437.8849 / E: 299112.4295, N: 5824437.9902
606	Channel Grating Pit	600	900			300	116.379			118.083	1.703	EDCM601-EDCM605 with Class B Cover.
607	End of Pipe			300	115.312	300	115.312			117.073	1.761	Construct Temporary Outlet Drain to Daylight. E: 299130.6008, N: 5824266.7073
608	Channel Grating Pit	600	900			300	115.719			117.422	1.702	EDCM601-EDCM605 with Class B Cover. E: 299134.8830, N: 5824300.4631 / E: 299134.9884, N: 5824301.3569



PIT 484 DETAIL PLAN



PIT 483A DETAIL PLAN




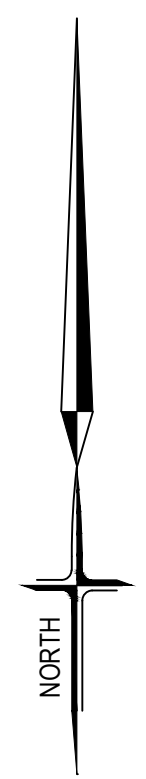
PIT 482 DETAIL PLAN

DRAINAGE PIT DETAILS
SCALE 1:50

NOTE:
REFER VIC ROADS STANDARD DRAWING
SD 1023 FOR PIT DETAILS
(DOUBLE HAUNCHED PIT TYPE B)

AS CONSTRUCTED

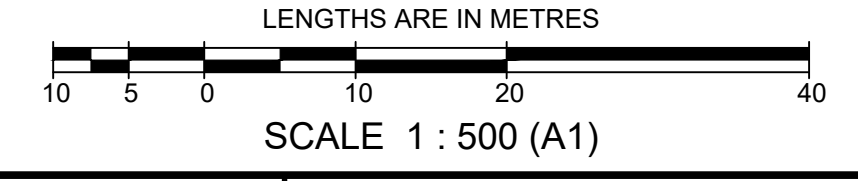
AMENDMENTS		MELWAY REF. 356-C-2		SURVEY BPD		DESIGN J.B		DRAWN I.W		CHECKED C. HAGEN		SCALE AS SHOWN		DATUM AHD		DATE NOV 2022		 breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
																		MUNICIPALITY MELTON		REFERENCE 8226 E/35A	
A	25.01.24	CONSTRUCTION ISSUE		DRAWN I.W		CHECKED C. HAGEN		SCALE AS SHOWN		DATUM AHD		DATE NOV 2022		SHEET 18 OF 22		A					



SIGNAGE LEGEND

- A STREET SIGNS (G5-1)
- B "GIVEWAY" SIGN (R1-2)
- C "CHEVRON" SIGN (D4-1-2B RIGHT)
- D "CHEVRON" SIGN (D4-1-3 RIGHT)
- E "CHEVRON" SIGN (D4-1-3 LEFT)
- F "NO PARKING LEFT" SIGN (R5-35 LEFT)
- G "NO PARKING RIGHT" SIGN (R5-35 RIGHT)
- H "ROAD HUMPS AHEAD" SIGN (W3-4)
- I "ROAD HUMPS" SIGN (W3-10B)
- J 20km/h ADVISORY SPEED SIGN (W8-2A)
- K "NO THROUGH ROAD" SIGN (G9-18)
- L "BI-DIRECTIONAL HAZARD MARKER" SIGN (D4-4A)

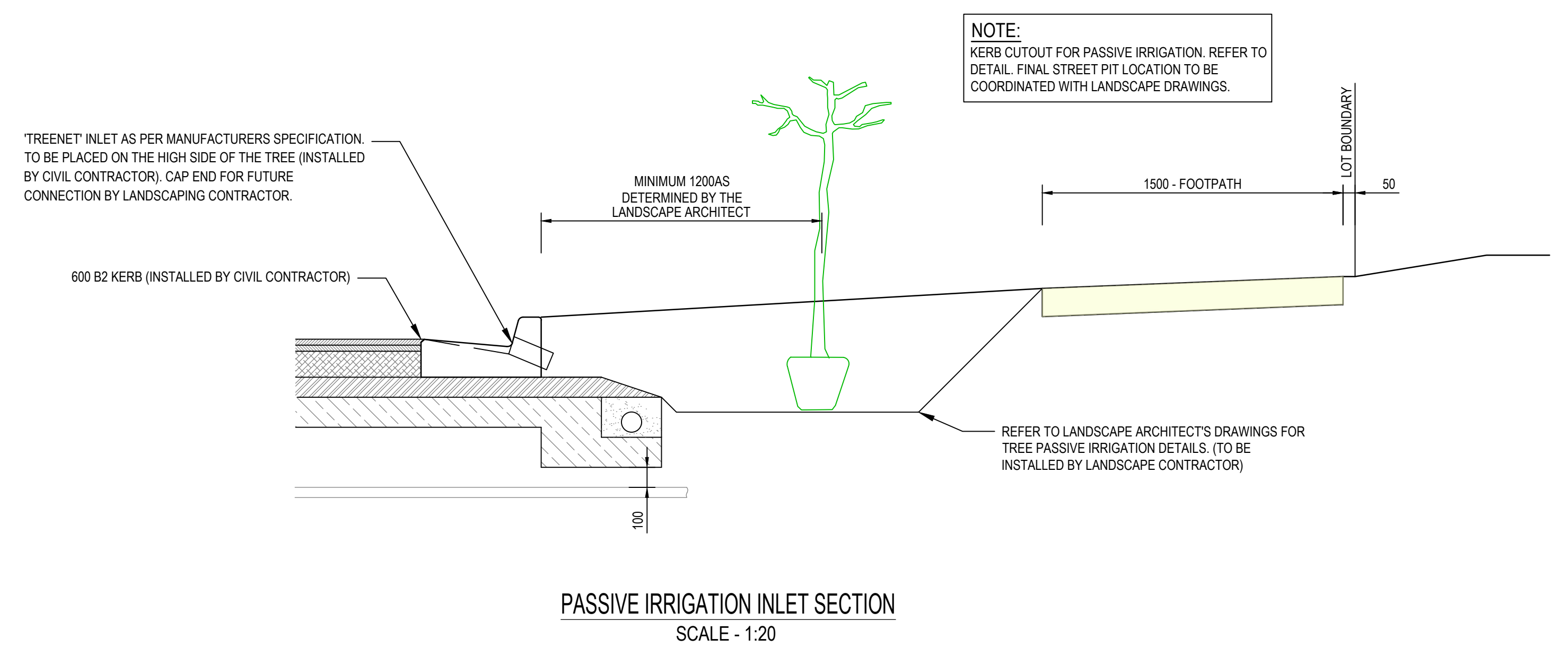
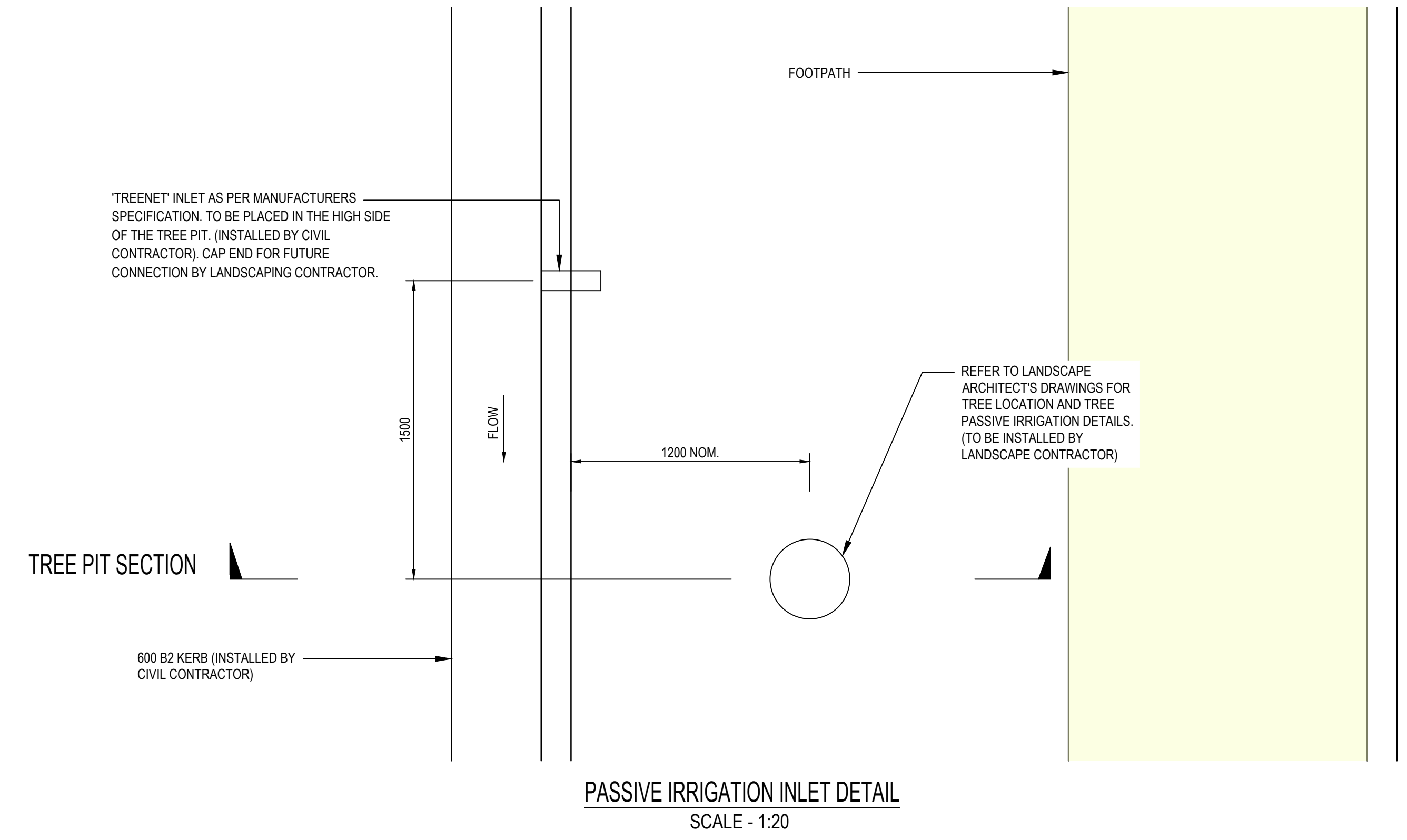
AS CONSTRUCTED



SYMBOL LEGEND

Drains		Prop	Prev Stage	Ex/Natural/FS Level	+28.57	+1628.57	+1528.57
Main Drains				FS @ Building Line	+31.28.57		
Sewer < 300Ø				Top/Toe of Batter	+1028.57		+1028.57
Sewer ≥ 300Ø				Top Ret. Wall Level	+128.57		
Water (DW)				100yr Flood Level	+FL28.57		
Water (NDW)				Fill Proposed (<0.3m/≥0.3m)			
House Drain				Cut Proposed			
Property Inlet				Asphalt Surface Prop			
Street Sign				Concrete Surface Prop (Paths/Driveways/Slabs)			
PSM				Tree To Be Removed			
Rock Ret Wall				Tree To Be Retained with Tree Protection Zone (TPZ)			
Sleeper Ret Wall							
Conduits 50mm							
Conduits 100mm							
Street Tree without/with Passive Irrigation (Refer Detail)							
Ex Drains							
Ex Water DW/NDW							
Ex Sewer/Gas							
Ex Elect/Comm							
Ex Optic Fibre							

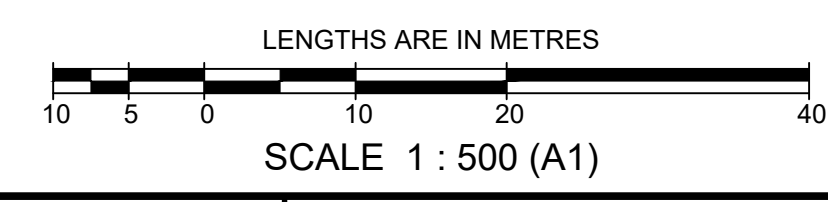
				breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
AMENDMENTS				ASPIRE ESTATE STAGE 35A		MUNICIPALITY MELTON	
D	17.09.24	ROAD NAME AMENDED	MELWAY REF.	SIGNAGE AND LINEMARKING PLAN		REFERENCE 8226 E/35A	
C	20.05.24	AMENDED AS PER COUNCIL COMMENTS	SURVEY	SCALE 1:500		DATUM AHD	
B	21.03.24	LOT NUMBERS AND ROAD NAME AMENDED	DESIGN	DATE NOV 2022		SHEET 19 OF 22	
A	25.01.24	CONSTRUCTION ISSUE	DRAWN	DATE NOV 2022		SHEET 19 OF 22	
VER	DATE	REMARKS	CHECKED	DATE NOV 2022		SHEET 19 OF 22	
			C. HAGEN	DATE NOV 2022		SHEET 19 OF 22	



NOTE:
KERB CUTOFF FOR PASSIVE IRRIGATION. REFER TO DETAIL. FINAL STREET PIT LOCATION TO BE COORDINATED WITH LANDSCAPE DRAWINGS.

LEGEND

- PROPOSED PASSIVE IRRIGATION TREE PITS
 - EXISTING PASSIVE IRRIGATION TREE PITS
- NOTE:**
LOCATION OF "TREENET" INLET TO BE COORDINATED WITH FINAL COUNCIL ENDORSED LANDSCAPE ARCHITECTS DRAWINGS.

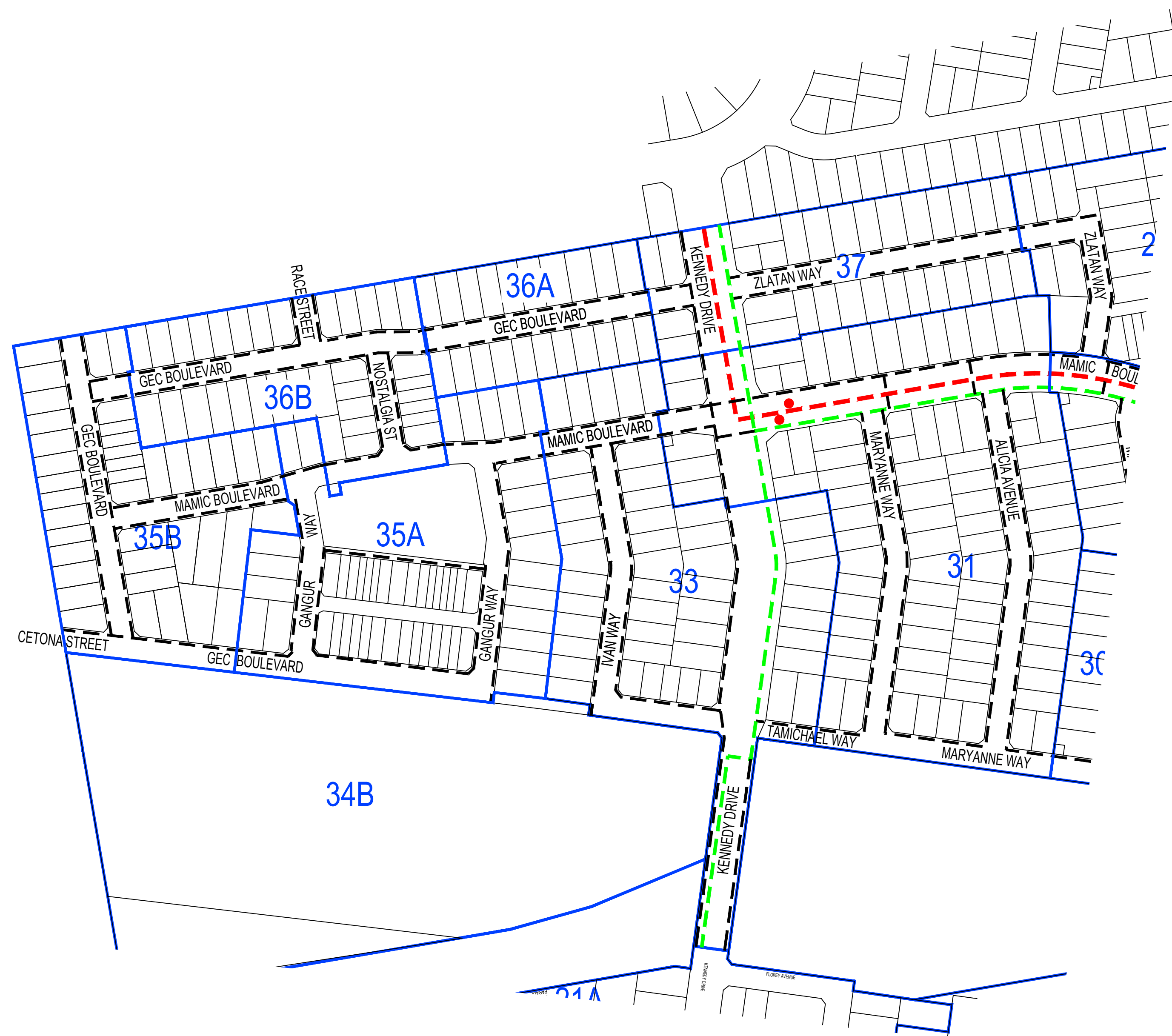
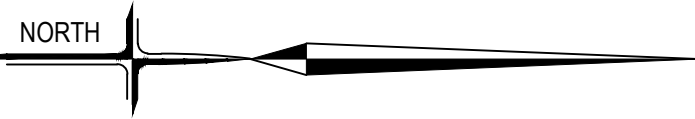


SYMBOL LEGEND		Prop		Prev Stage	
Drains					
Main Drains					
Sewer < 300Ø					
Sewer ≥ 300Ø					
Water (DW)					
Water (NDW)					
House Drain					
Property Inlet					
Street Sign					
PSM					
Rock Ret Wall					
Sleeper Ret Wall					
Conduits 50mm					
Conduits 100mm					
Street Tree without/with Passive Irrigation (Refer Detail)					
Ex Drains					
Ex Water DW/NDW					
Ex Sewer/Gas					
Ex Elect/Comm					
Ex Optic Fibre					
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)					
Tree To Be Removed					
Tree To Be Retained with Tree Protection Zone (TPZ)					

AS CONSTRUCTED

AMENDMENTS		MELWAY REF. 356-C-2		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
D	17.09.24	ROAD NAME AMENDED	SURVEY				
C	20.05.24	AMENDED AS PER COUNCIL COMMENTS	DESIGN	J.B	MUNICIPALITY MELTON		REFERENCE 8226 E/35A
B	21.03.24	LOT NUMBERS AND ROAD NAMES	DRAWN	I.W			
A	25.01.24	CONSTRUCTION ISSUE	CHECKED	C. HAGEN	SCALE AS SHOWN DATUM AHD		DATE NOV 2022
VER	DATE	REMARKS	CHECKED	C. HAGEN	SCALE AS SHOWN	DATUM AHD	DATE NOV 2022
				DATE	NOV 2022	SHEET 20 OF 22	D

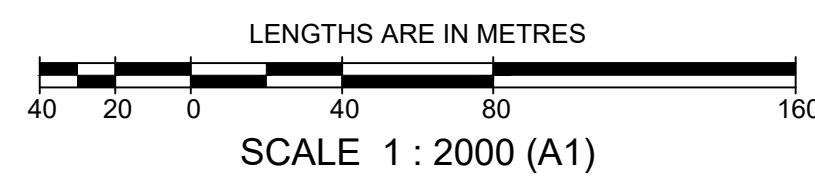
PLAN
SCALE 1:500




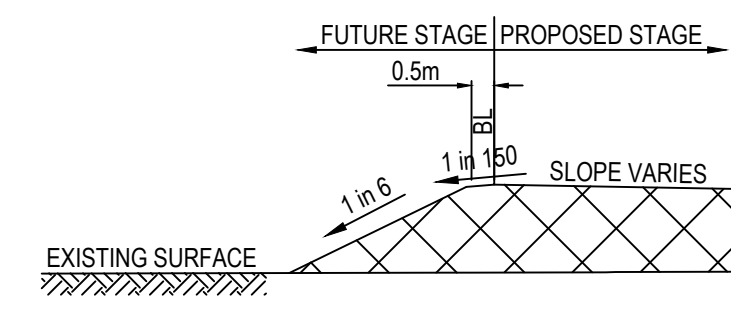
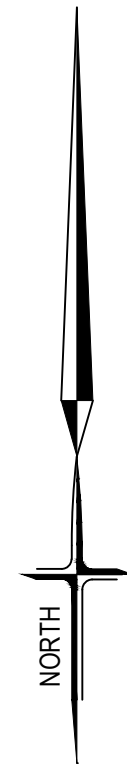
- LEGEND:**
- - - POTENTIAL BUS ROUTE (AS PER PSP)
 - TV BUS STOP LOCATION
 - - - 3.0m WIDE SHARED PATH
 - - - 2.0m WIDE SHARED PATH
 - - - 1.5m WIDE FOOTPATH
 - - - ON ROAD BIKE LANE (BOTH SIDES) AS PER PSP

PLAN
SCALE 1:2000

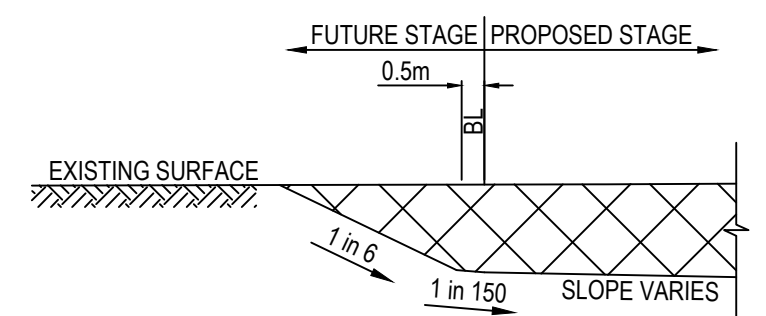
AS CONSTRUCTED



				breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
				ASPIRE ESTATE STAGE 35A MOBILITY PLAN		MUNICIPALITY MELTON	
						REFERENCE 8226 E/35A	
AMENDMENTS	VER	DATE	REMARKS	CHECKED	C. HAGEN	SCALE	1:2000
D		17.09.24	ROAD NAME AMENDED	MELWAY REF.	356-C-2	DATUM	AHD
C		20.05.24	AMENDED AS PER COUNCIL COMMENTS	SURVEY	BPD	DATE	NOV 2022
B		21.03.24	ROAD NAME AMENDED	DESIGN	J.B	SHEET	21 OF 22
A		25.01.24	CONSTRUCTION ISSUE	DRAWN	I.W	OF	D

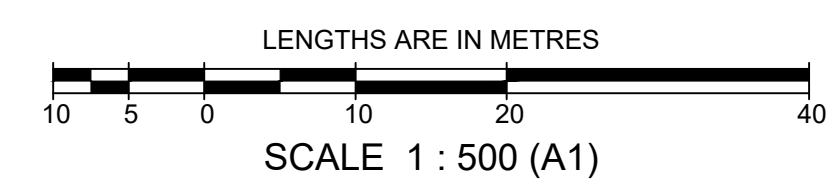


TYPICAL SECTION WHEN
IN FILL ON BOUNDARY
OF FUTURE STAGE
NOT TO SCALE



TYPICAL SECTION WHEN
IN CUT ON BOUNDARY
OF FUTURE STAGE
NOT TO SCALE

AS CONSTRUCTED



SYMBOL LEGEND		SYMBOL LEGEND	
Drains	Prop	Ex Natural FS Level	+28.57
Main Drains	Prev Stage	FS @ Building Line	+28.57
Sewer < 3000		Top/Toe of Batter	+28.57
Sewer ≥ 3000		Top Ret. Wall Level	+28.57
Water (DW)		100yr Flood Level	+FL28.57
Water (NDW)		Fill Proposed (<0.3m/±0.3m)	
House Drain		Cut Proposed	
Property Inlet		Asphalt Surface Prop	
Street Sign		Concrete Surface Prop	
PSM		(Paths/Driveways/Slabs)	
Rock Ret Wall		Tree To Be Removed	
Sleeper Ret Wall		Tree To Be Retained with	
Conduits 50mm		Tree Protection Zone (TPZ)	
Conduits 100mm			
Street Tree without/with			
Passive Irrigation (Refer			
Detail)			
Ex Drains			
Ex Water DW/NDW			
Ex Sewer/Gas			
Ex Elect/Comm			
Ex Optic Fibre			

PLAN
SCALE 1:500

breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
AMENDMENTS E 17.09.24 ROAD NAME AMENDED D 20.05.24 AMENDED AS PER COUNCIL COMMENTS C 21.03.24 LOT NUMBERS AND ROAD NAME AMENDED B 29.02.24 LOT LEVELS AMENDED A 25.01.24 CONSTRUCTION ISSUE		MELWAY REF. 356-C-2 SURVEY BPD DESIGN J.B DRAWN I.W CHECKED C. HAGEN	
ASPIRE ESTATE STAGE 35A EARTHWORKS PLAN		MUNICIPALITY MELTON REFERENCE 8226 E/35A	
VER	DATE	REMARKS	CHECKED
			C. HAGEN
SCALE 1:500		DATUM AHD	DATE NOV 2022
SHEET 22 OF 22		E	