

SITE LOCALITY PLAN
NOT TO SCALE

SHEET INDEX

SHT No.	VER	Description
1	F	LAYOUT PLAN SHEET
2	B	TYPICAL CROSS SECTIONS & GENERAL DETAILS
3	A	ROAD PAVEMENT DETAILS & NOTES
4	A	TRANSFORMER SITE DETAILS
5	C	INTERSECTION DETAIL PLANS
6	A	LONGITUDINAL & CROSS SECTIONS GEC BOULEVARD - SHEET 1 OF 2
7	A	LONGITUDINAL & CROSS SECTIONS GEC BOULEVARD - SHEET 2 OF 2
8	A	LONGITUDINAL & CROSS SECTIONS NOSTALGIA STREET
9	A	LONGITUDINAL & CROSS SECTIONS RACE STREET
10	A	LONGITUDINAL & CROSS SECTIONS MAMIC BOULEVARD
11	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 1
12	C	DRAINAGE LONGITUDINAL SECTIONS - SHEET 2
13	D	DRAINAGE STRUCTURE DETAILS
14	C	SIGNAGE & LINEMARKING PLAN
15	C	PASSIVE IRRIGATION PLAN
16	A	MOBILITY PLAN
17	C	EARTHWORKS PLAN

NOTE:
KERB CUTOFF FOR PASSIVE IRRIGATION. REFER TO DETAIL ON SHEET 15.
FINAL STREET PIT LOCATION TO BE COORDINATED WITH LANDSCAPE DRAWINGS.

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.

PRELIMINARY LEVELS TO BE ADJUSTED DURING THE DETAILED DESIGN PHASE ONCE MW DRAINAGE SCHEME AND OVERLAND FLOWS HAVE BEEN APPROVED.

- 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.

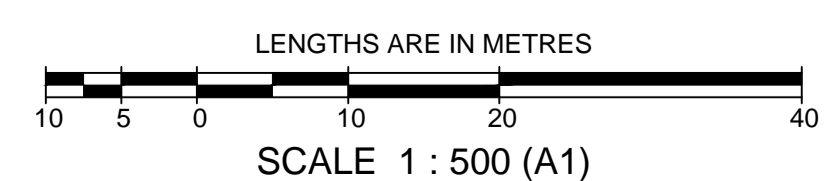
SERVICE OFFSETS AND LOCATION TABLE

Location	Gas	Water		Telecommunications		Electricity		BOK	Road Width	Joint Trenching	Street Classification
		DW	DW	Cables	Pits	Cables	Poles				
GEC BOULEVARD	2.10 W		2.60 W	1.80 E	1.80 E	2.30 E	1.00 BOK	4.20 E 4.20 W	16.00	G&W, FTTH&E	ACCESS PLACE
NOSTALGIA STREET	2.10 N		2.60 N	1.80 S	1.80 S	2.30 S	1.00 BOK	4.20 N 4.20 S	16.00	G&W, FTTH&E	ACCESS PLACE
MAMIC BOULEVARD	2.35 W		2.85 W	1.85 W	1.85 W	0.90 E	1.00 BOK	4.20 W 2.20 E	14.00	G&W, FTTH&E	ACCESS PLACE
RACE STREET	1.90 N		2.40 N	1.80 S	1.80 S	2.30 S	1.00 BOK	4.20 N 4.20 S	16.00	G&W, FTTH&E	ACCESS PLACE

NOTE: * OFFSET FROM BACK OF KERB

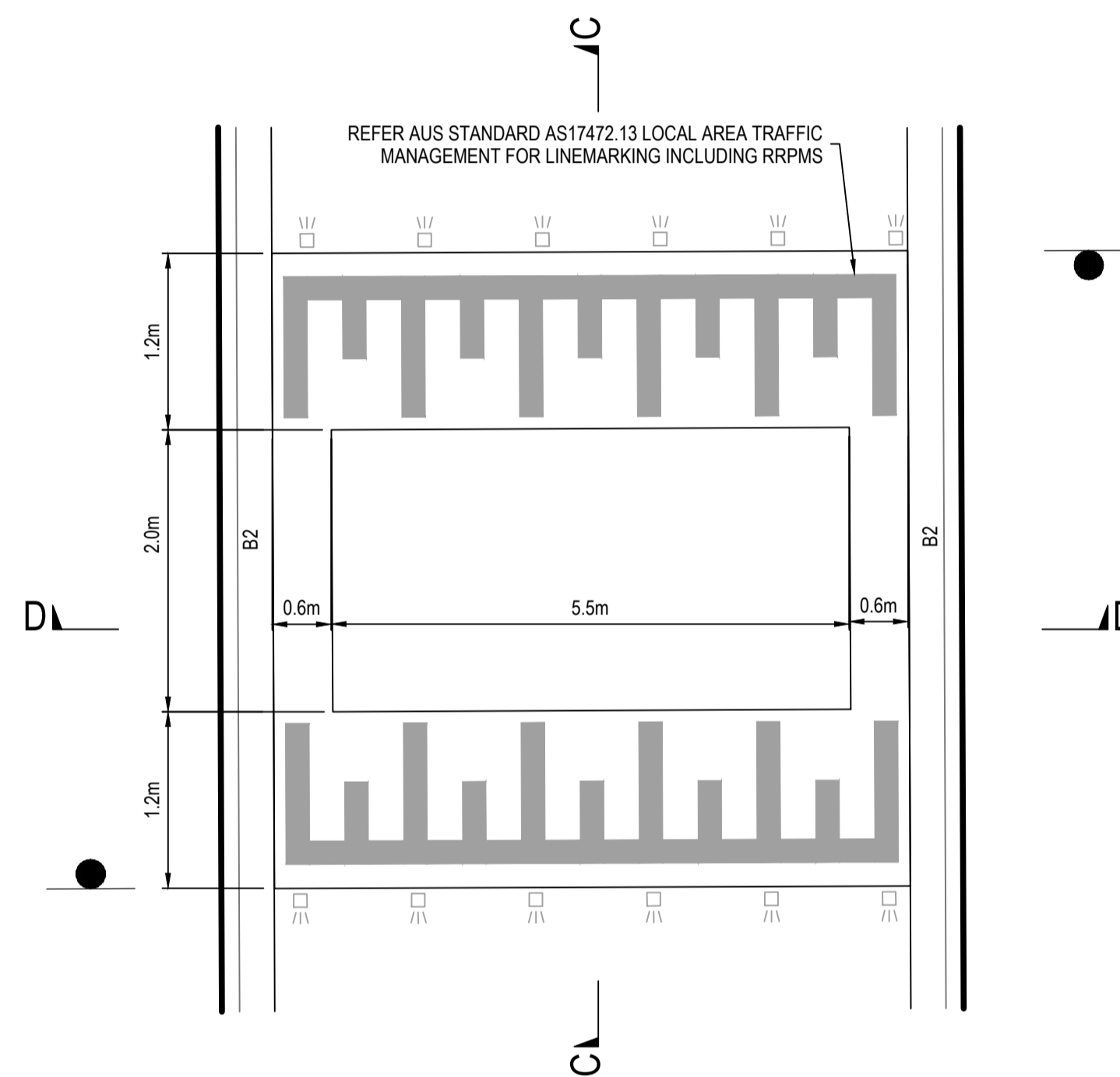
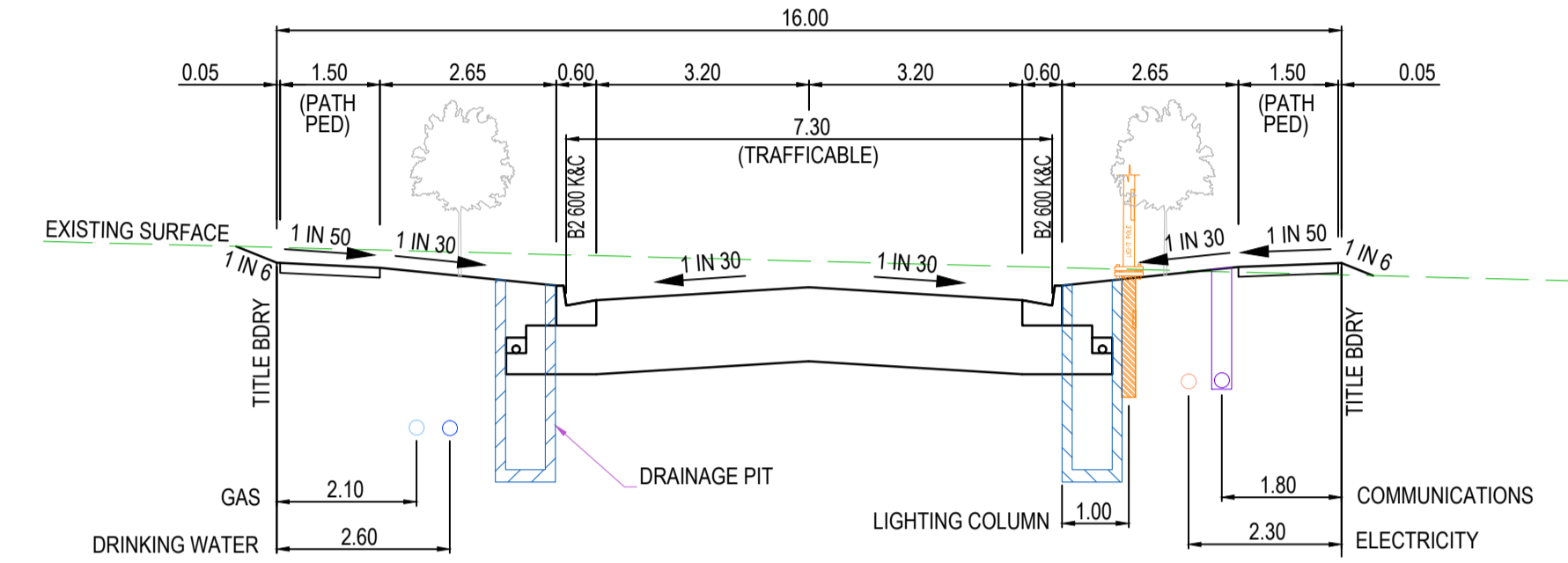
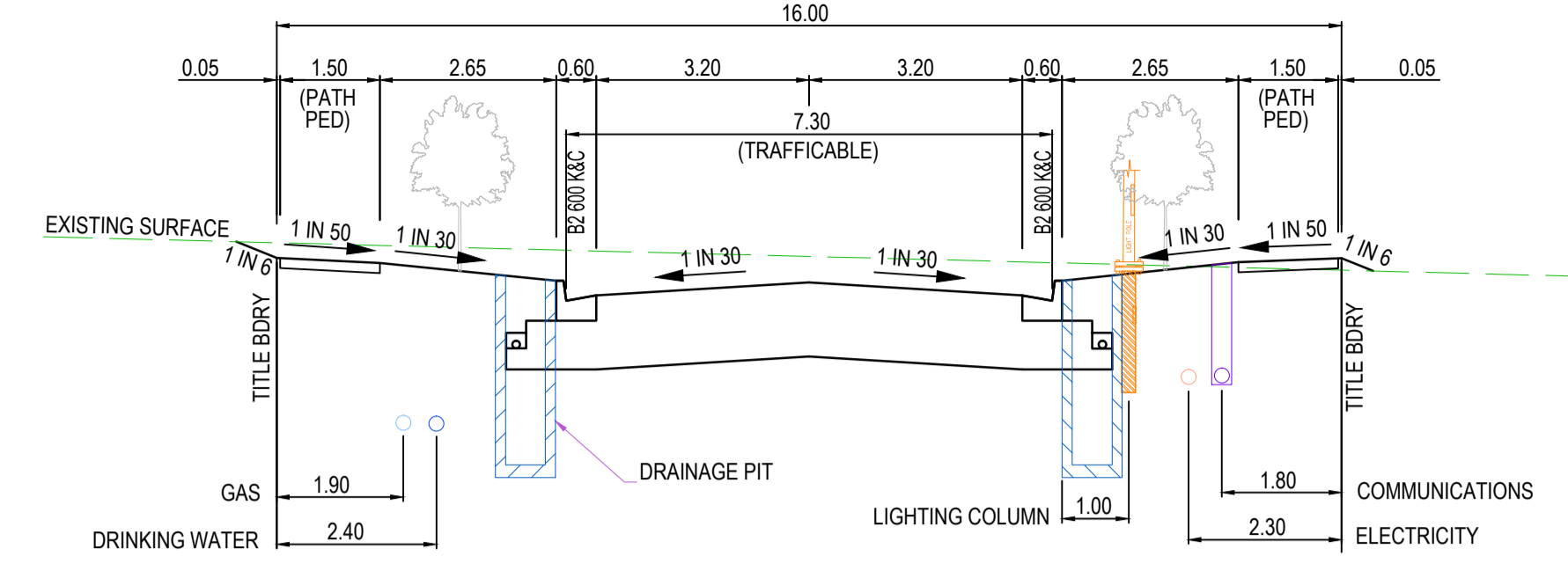
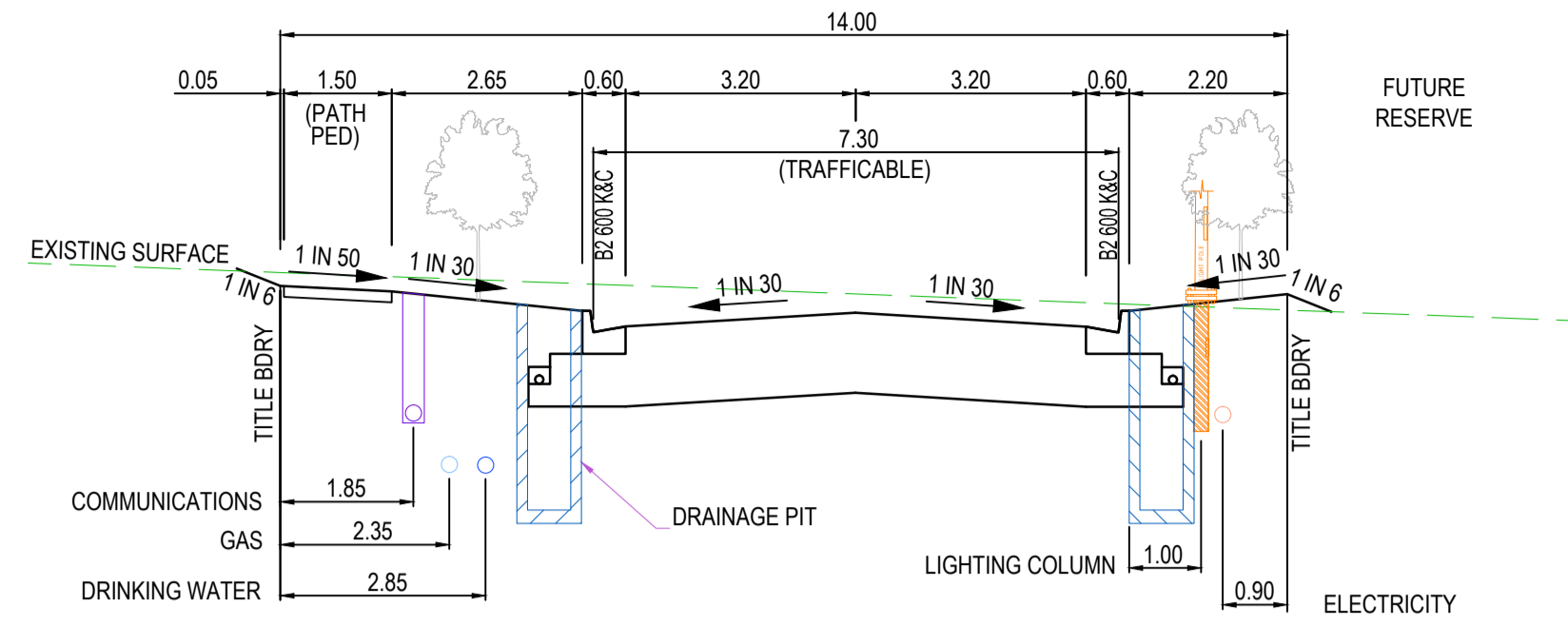
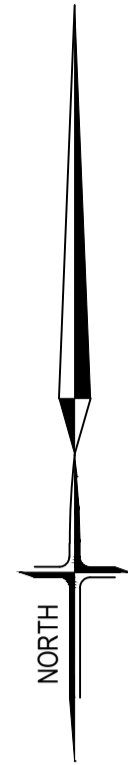
SYMBOL LEGEND

<ul style="list-style-type: none"> Drains Main Drains Sewer < 3000 Sewer ≥ 3000 Water (DW) Water (NDW) House Drain Property Inlet Street Sign FSM Rock Ret Wall Sleeper Ret Wall Conduits 50mm Conduits 100mm Street Tree without/with Passive Irrigation (Refer Detail) 	<ul style="list-style-type: none"> Prop Prev Stage Ex/Natural/FS Level FS @ Building Line Top/Toe of Batter Top Ret. Wall Level 100yr Flood Level Fill Proposed (<0.3m/≥0.3m) Cut Proposed Asphalt Surface Prop Concrete Surface Prop (Paths/Driveways/Slabs) Tree To Be Removed Tree To Be Retained with Tree Protection Zone (TPZ)
--	--

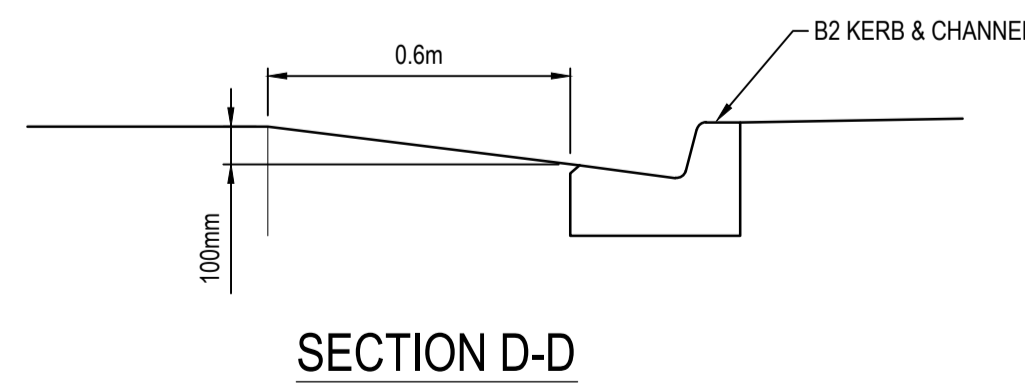
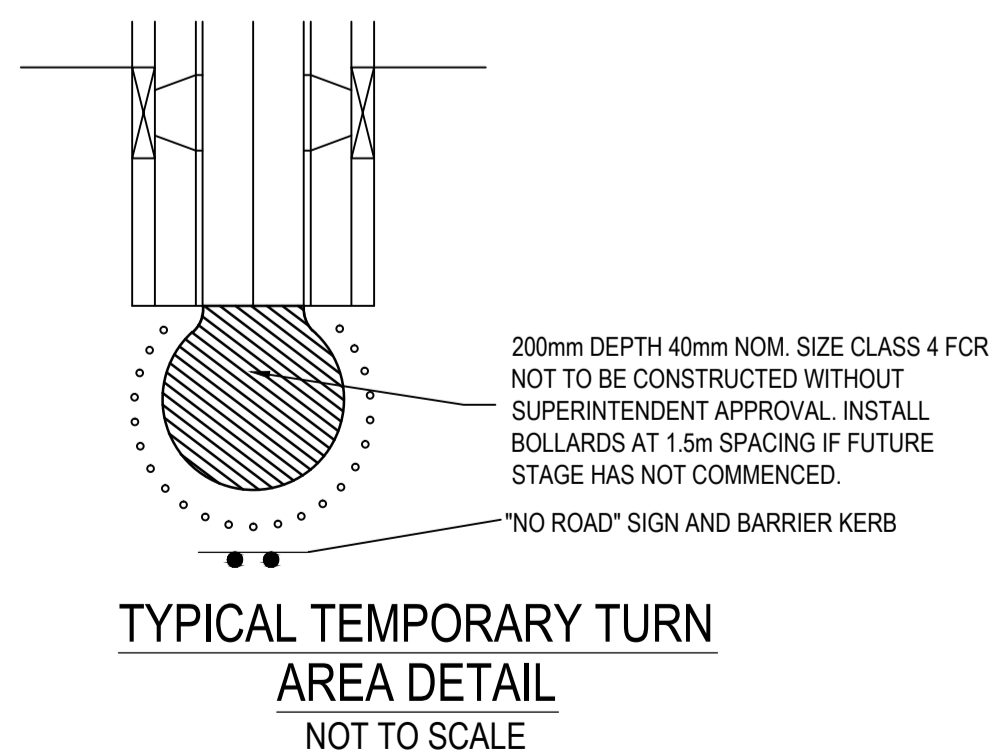
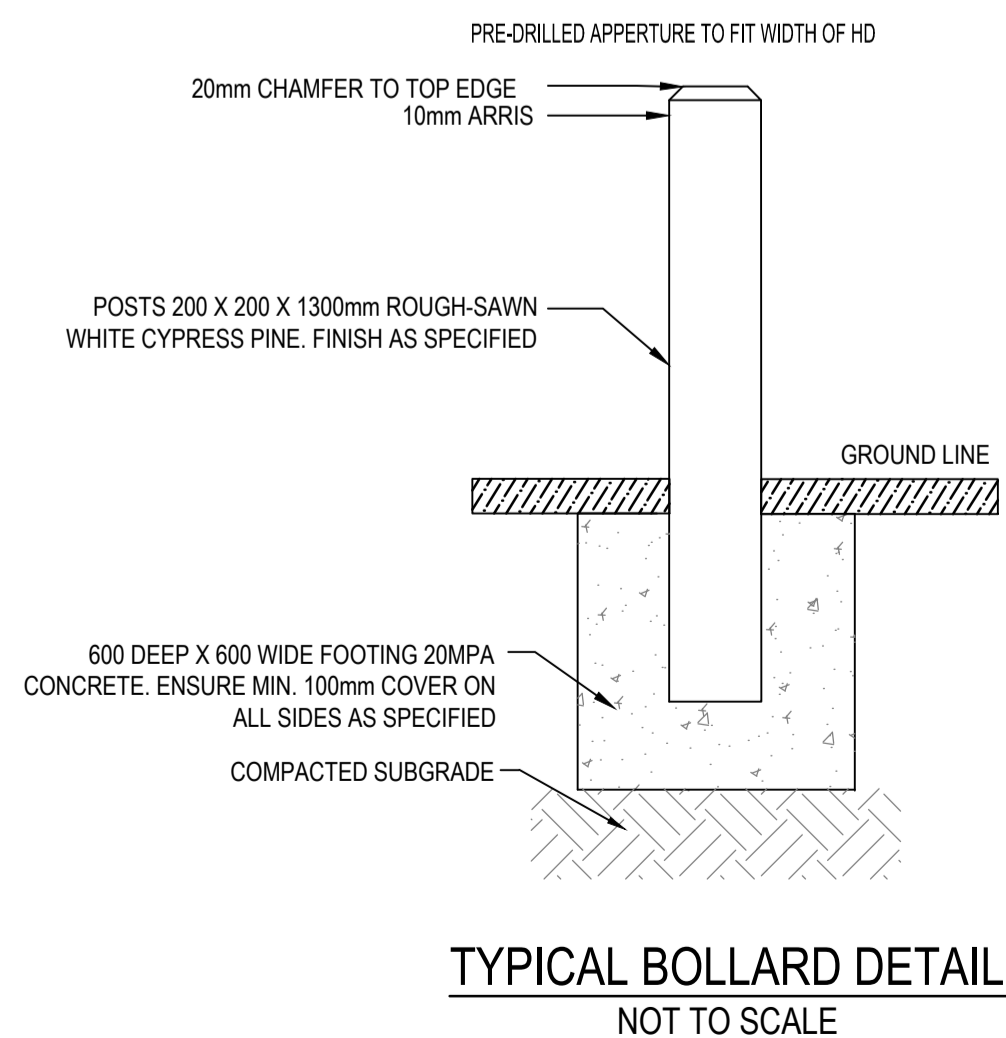
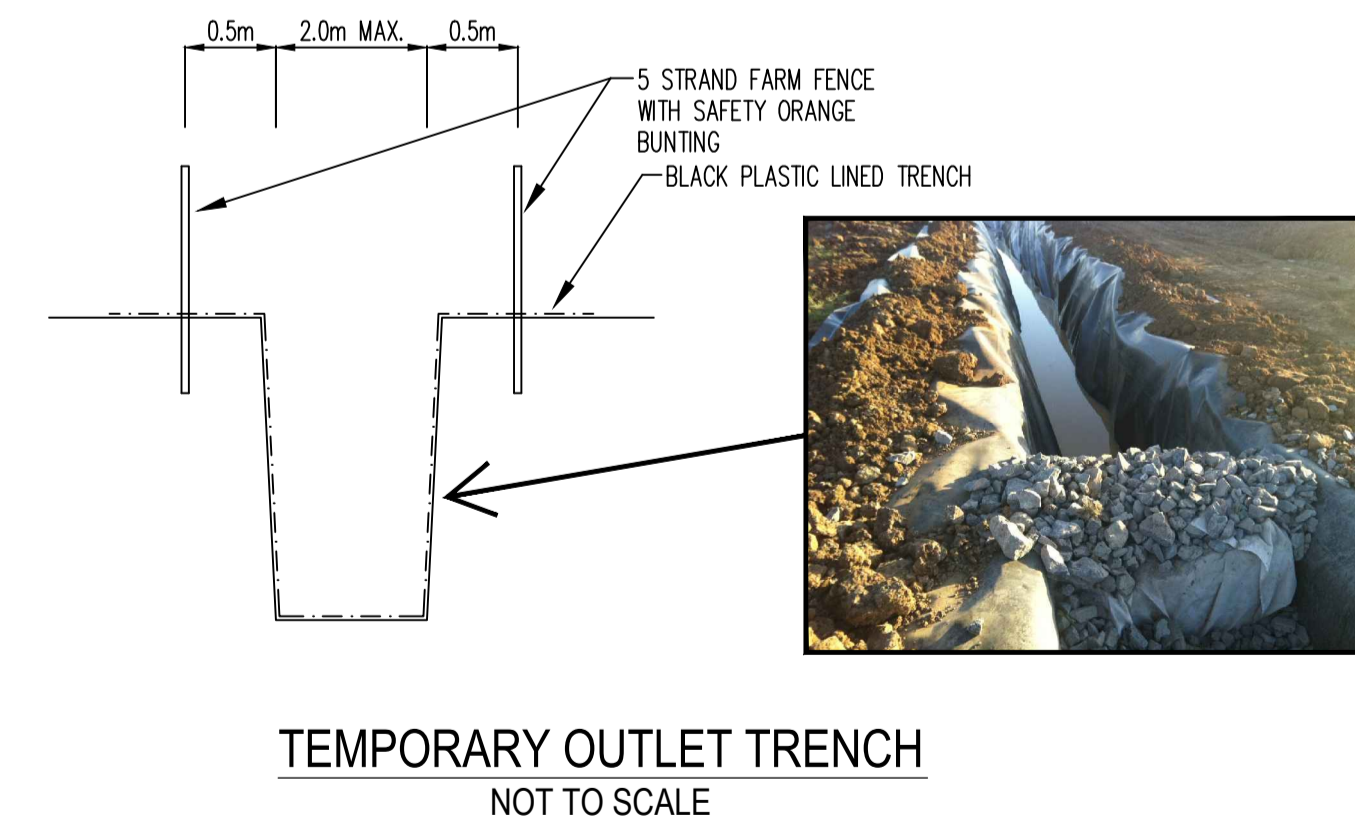
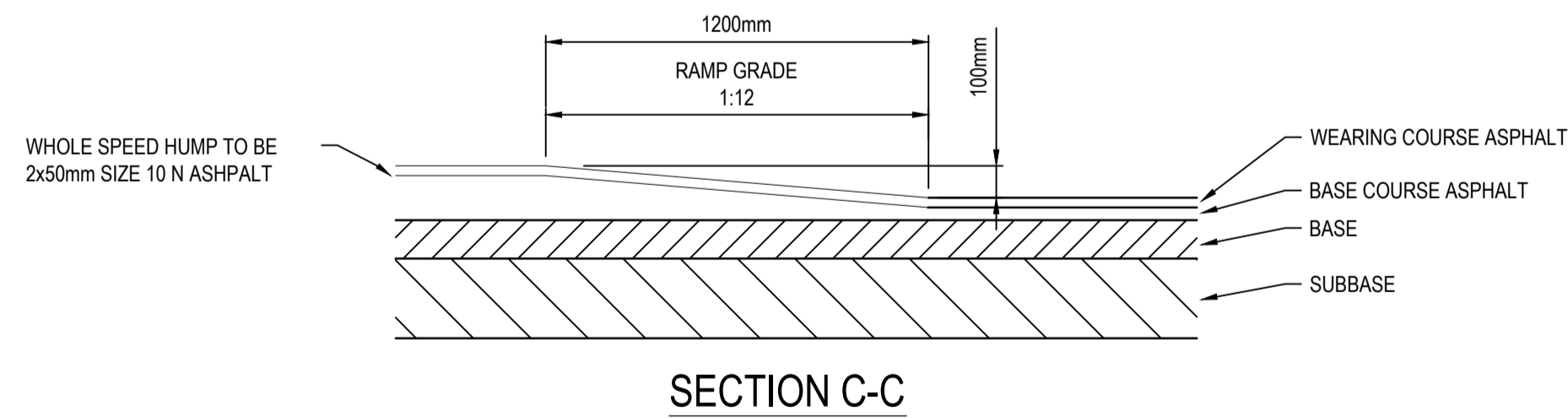
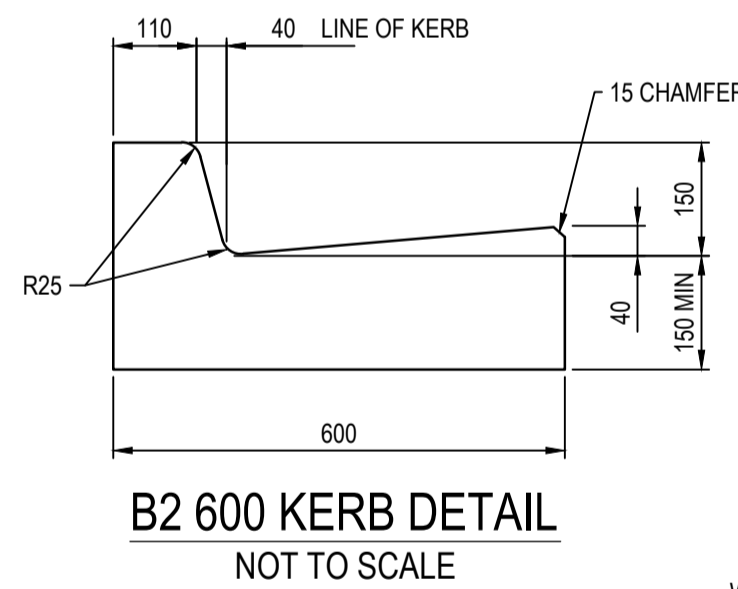
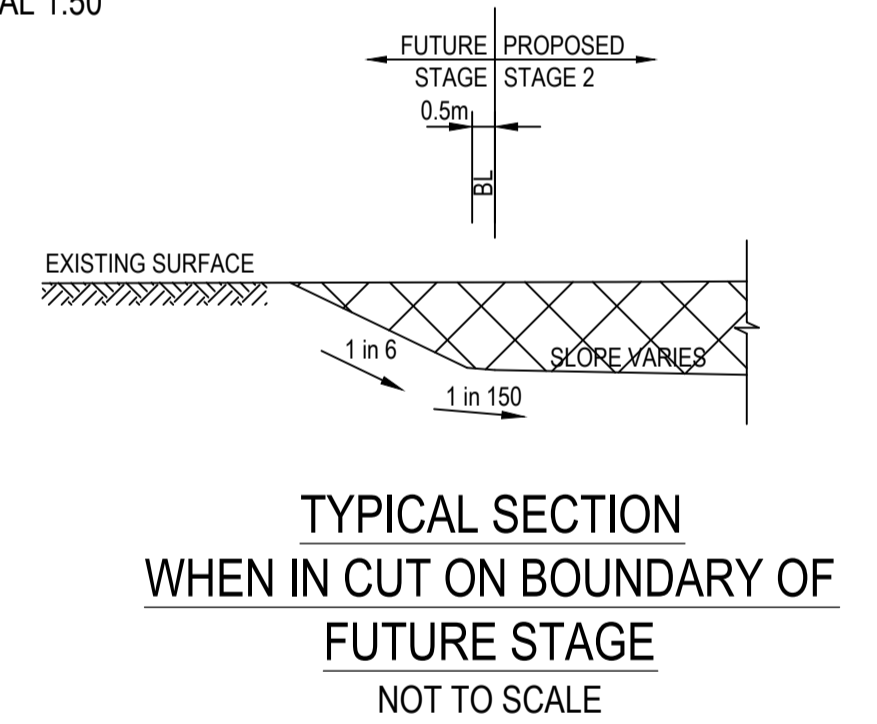
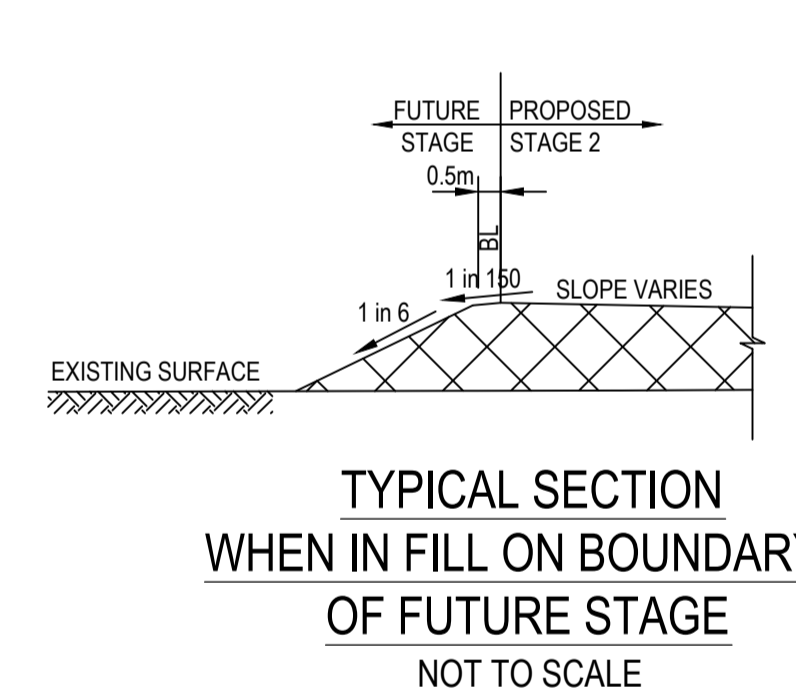


PLAN
SCALE 1:500

AMENDMENTS	F	04.07.2023	LOT NUMBERS REVISED	MELWAY REF. 356-C-1	brees pitt dixon pty. ltd. land surveyors civil engineers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310		
	E	23.05.2023	SHEET INDEX REVISED					
	D	09.02.2023	PRAM CROSSING ADDED / SHEET INDEX REVISED					
	C	23.02.2023	SHEET INDEX REVISED					
B	24.01.2023	Pos REVISED / SHEET INDEX REVISED	DESIGN J.B	ASPIRE ESTATE STAGE 36B LAYOUT PLAN	MUNICIPALITY MELTON			
A	19.12.2022	CONSTRUCTION ISSUE	DRAWN I.W			REFERENCE 8226 E/36B		
VER	DATE	REMARKS	CHECKED C. HAGAN	SCALE AS SHOWN	DATUM AHD	DATE JUNE 2022	SHEET 1 OF 17	F



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



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

AMENDMENTS		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
VER	DATE	REMARKS	MELWAY REF. 356-C-1	ASPIRE ESTATE STAGE 36B TYPICAL CROSS SECTIONS	
B	24.01.2023	Pos REVISED	SURVEY BPD		
A	19.12.2022	CONSTRUCTION ISSUE	DESIGN J.B	REFERENCE 8226 E/36B	
VER	DATE	REMARKS	CHECKED C. HAGAN	SCALE AS SHOWN	DATUM AHD
				DATE JUNE 2022	SHEET 2 OF 17

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 PITCHERS 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 TP's 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.(UJ). 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 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.
- 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 MSC901 TO MSC906.

VEHICULAR CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH GAA STANDARD 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 TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBM'S AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTATEMENT AT THE CONTRACTORS EXPENSE.
- 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. 72514/203) ALONG FULL EXTENT OF OUTFALL DRAINS. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.

PIT SCHEDULE NOTES

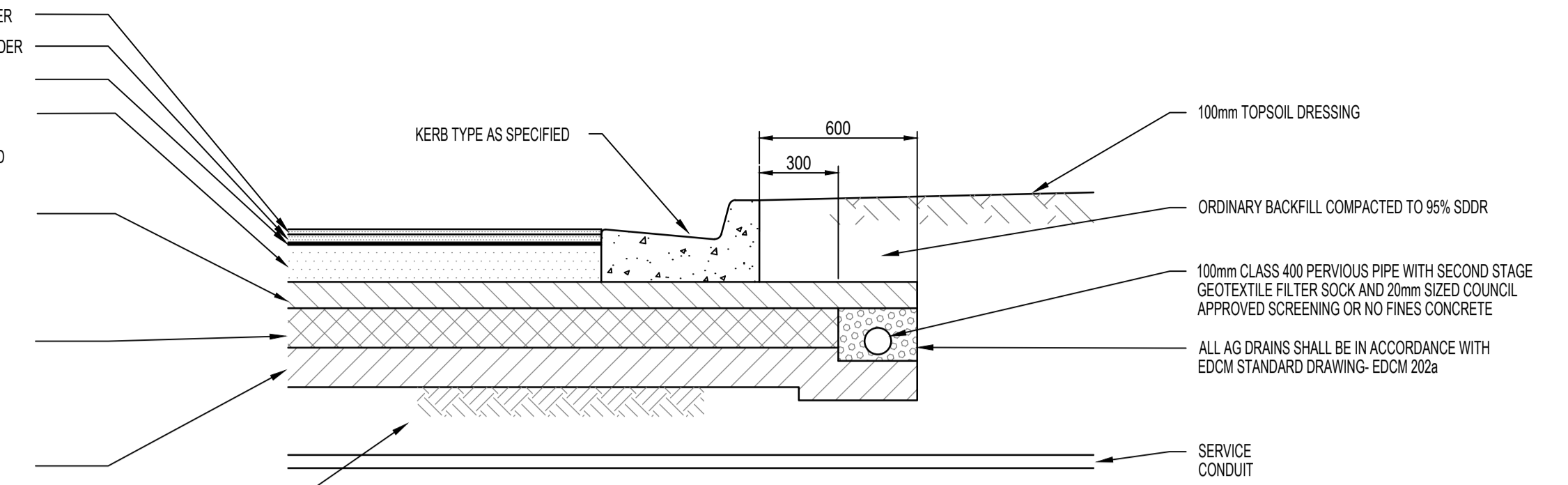
- WHERE PIT HAUNCHING IS REQUIRED, INTERNAL PIT WALL DIMENSIONS MUST ALLOW 50mm CLEARANCE EACH SIDE OF PIPE OUTSIDE DIAMETER, INCLUDING ANGULAR PIPE ENTRY TO PIT. MINIMUM DIMENSIONS OF PIT BASE ARE TO BE AS PER SIZES SPECIFIED IN THE PIT SCHEDULE. TOP OF PIT OPENING FOR ALL HAUNCHED PITS TO BE 900mm 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.

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 > 1.8/m² 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.

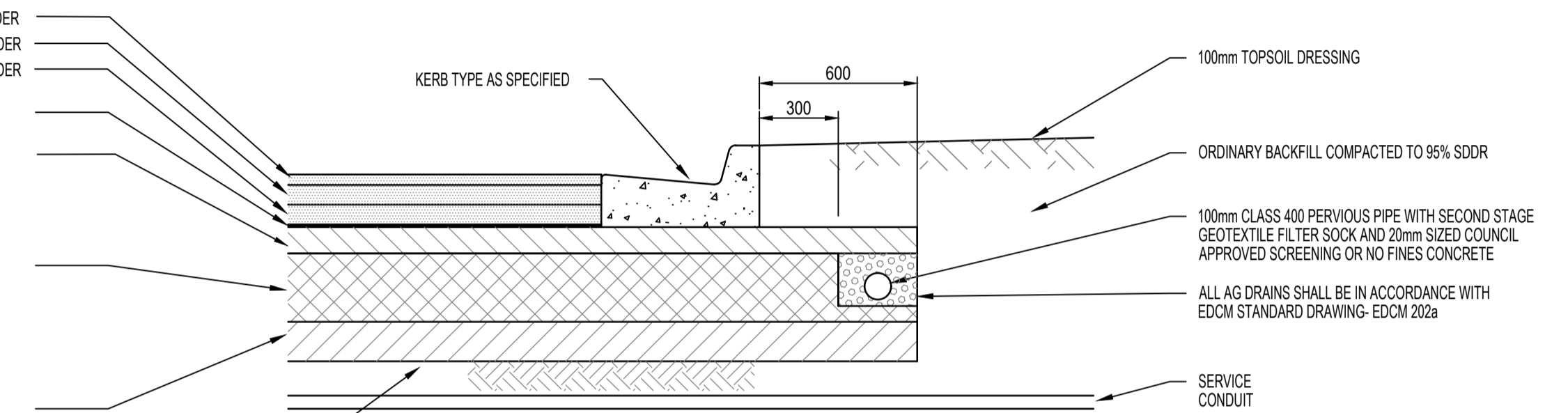
IT IS IMPORTANT THAT THERE IS NO LOOSE AGGREGATE REMAINING ON THE SAMI SURFACE WHEN THE STRUCTURAL COURSE ASPHALT IS PLACED SO AS TO ENSURE A STRONG BOND BETWEEN THE SAMI TREATMENT AND THE SUBSEQUENT ASPHALT LAYER. THE SAMI TREATMENT SHALL BE PRECEDED BY PLACEMENT OF A BITUMENOUS PRIME, AND NOT A PRIMER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

- 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 BITUMENOUS 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.



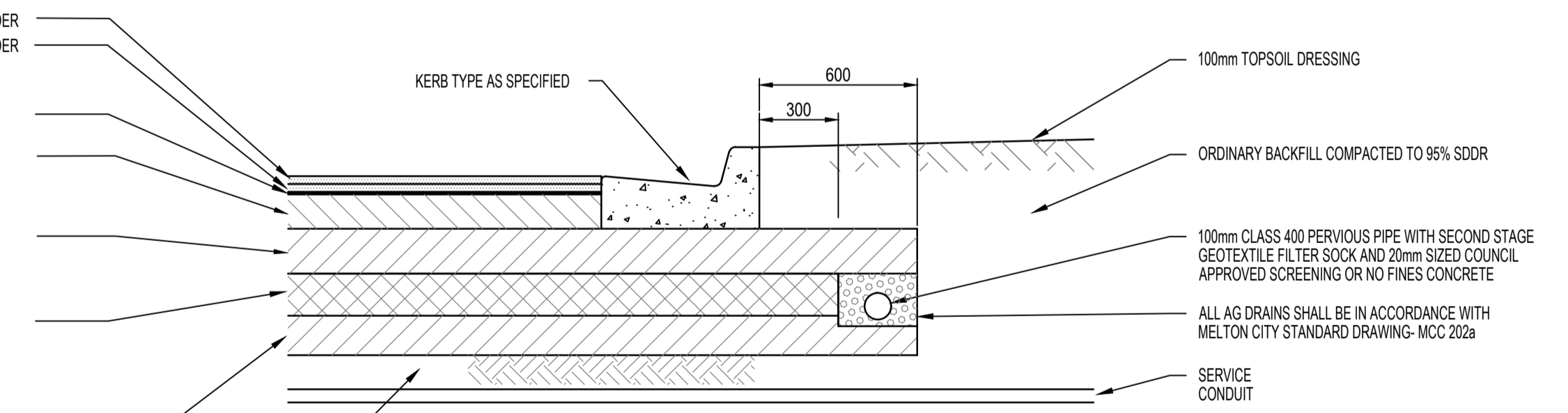
PAVEMENT DETAILS
ALL OTHER ROADS - 600mm DEPTH
SHADED AS ON SHEET 02 PLAN

- 40mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE 'H' ASPHALT WITH C320 BINDER
- 75mm COMPACTED DEPTH 20mm NOMINAL SIZE TYPE 'Sf' ASPHALT WITH C320 BINDER
- 75mm COMPACTED DEPTH 20mm NOMINAL SIZE TYPE 'Sf' ASPHALT WITH C320 BINDER
- 10mm SAMI SEAL WITH CLASS S18RF BINDER AND BITUMENOUS PRIME
- 100mm 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
- 220mm 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 660mm
- 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.




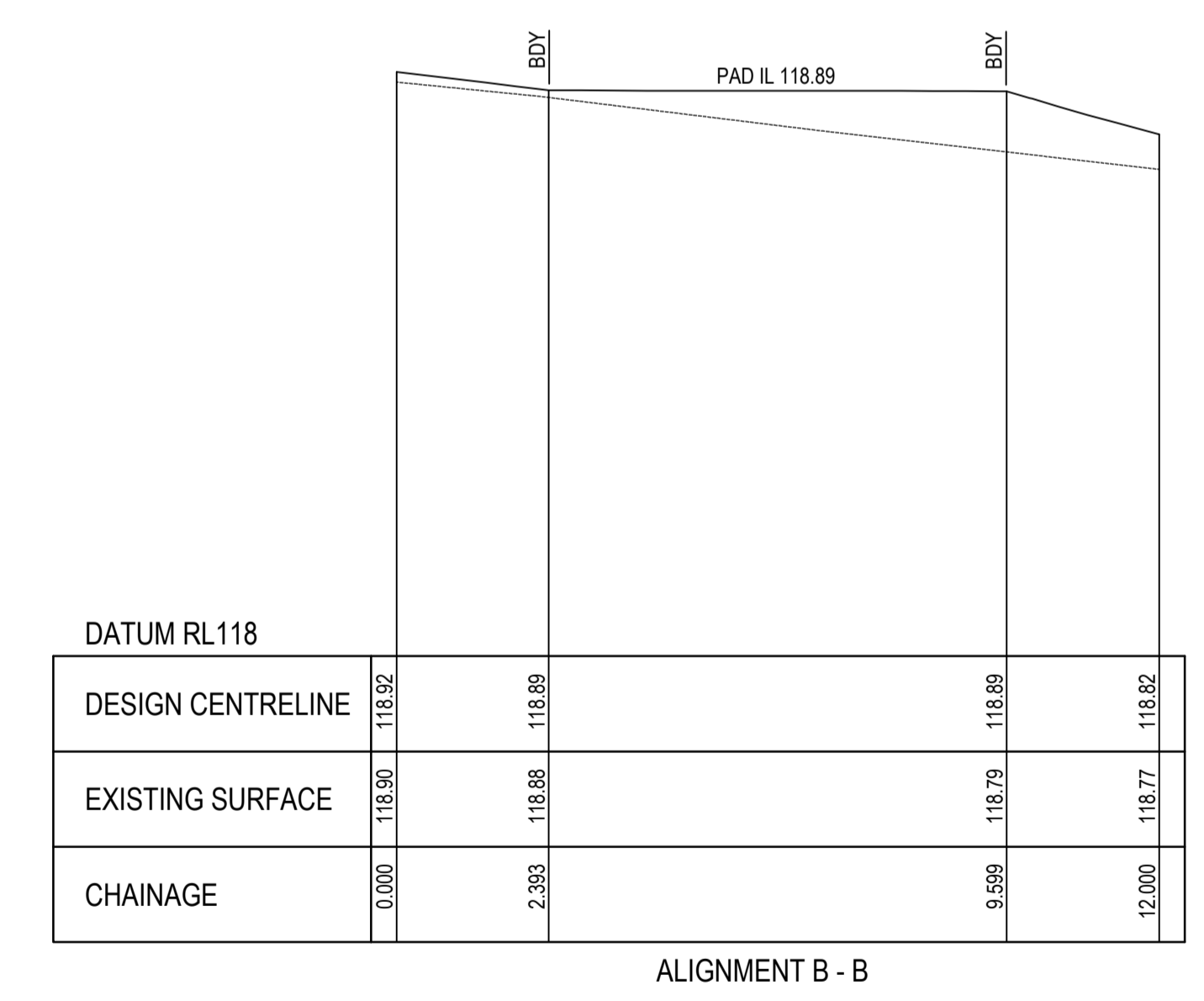
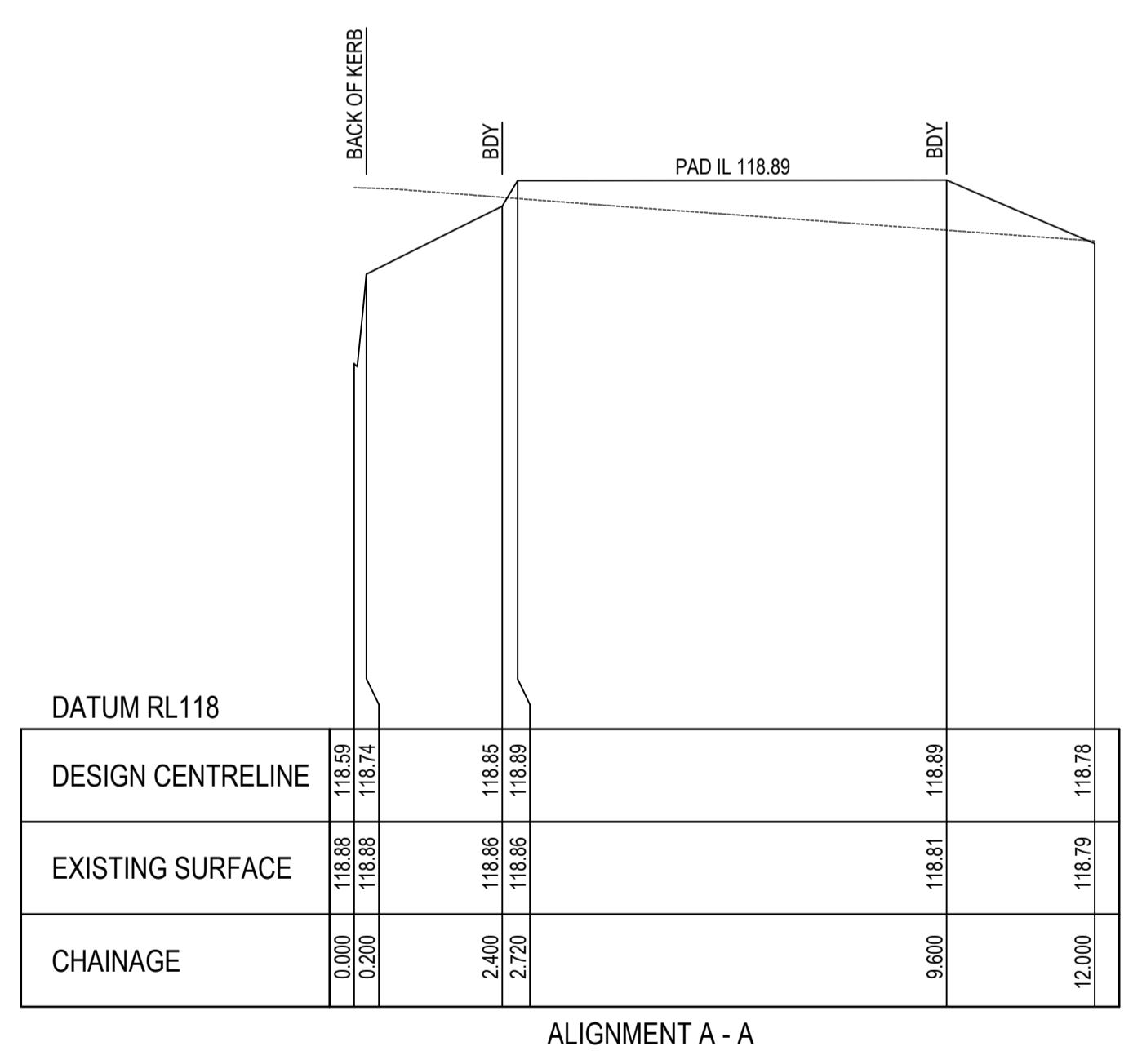
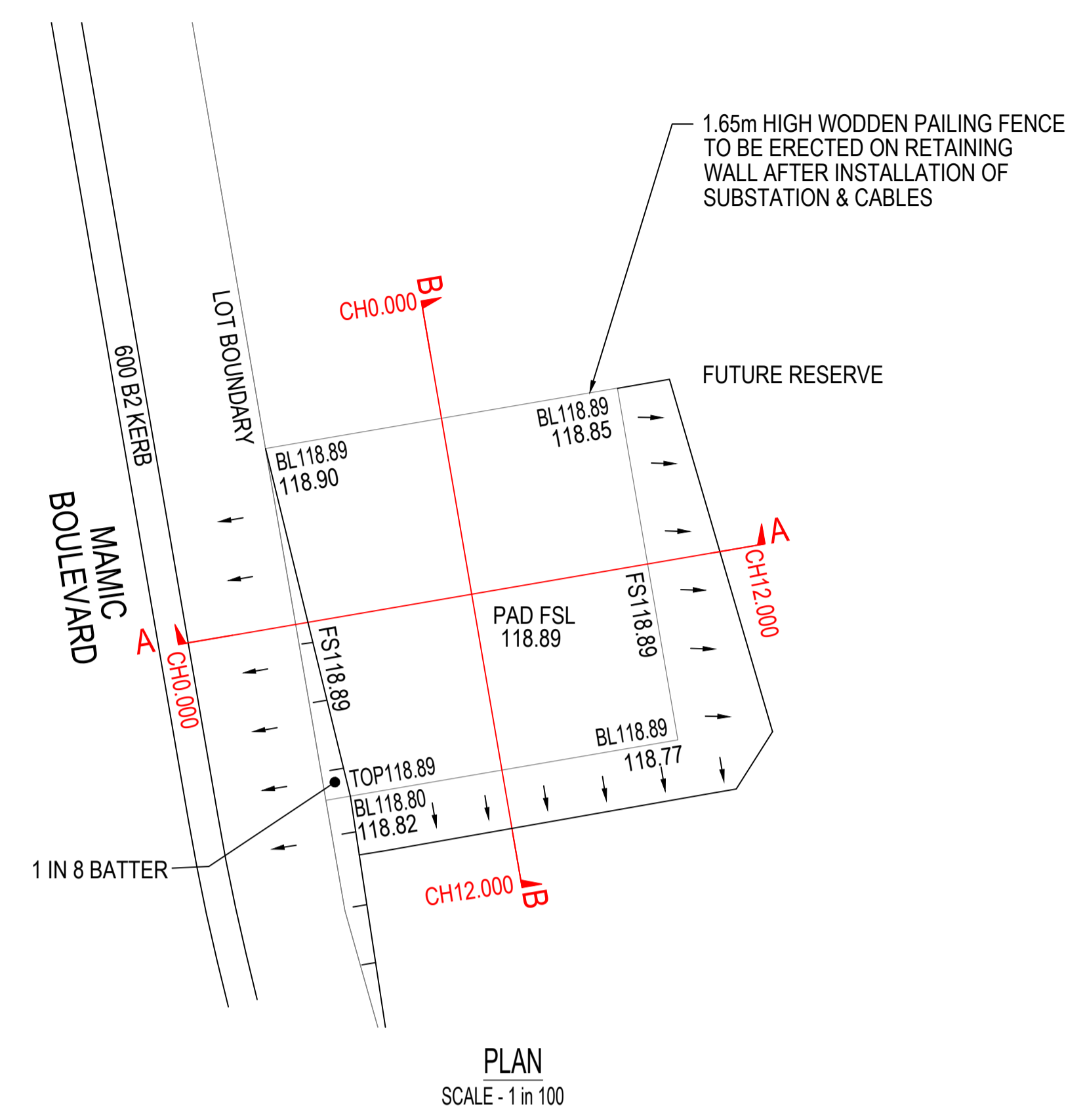
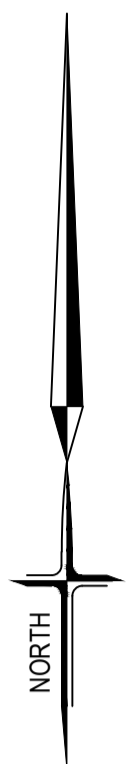
PAVEMENT DETAILS
MAMIE BOULEVARD - 660mm DEPTH
SHADED AS ON SHEET 02 PLAN

- 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 BITUMENOUS 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.

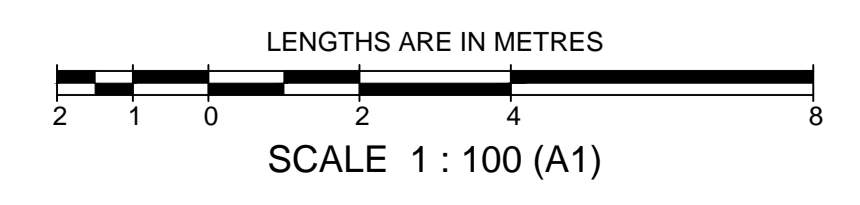


PAVEMENT DETAILS
GEC BOULEVARD - 680mm DEPTH
SHADED AS ON SHEET 02 PLAN

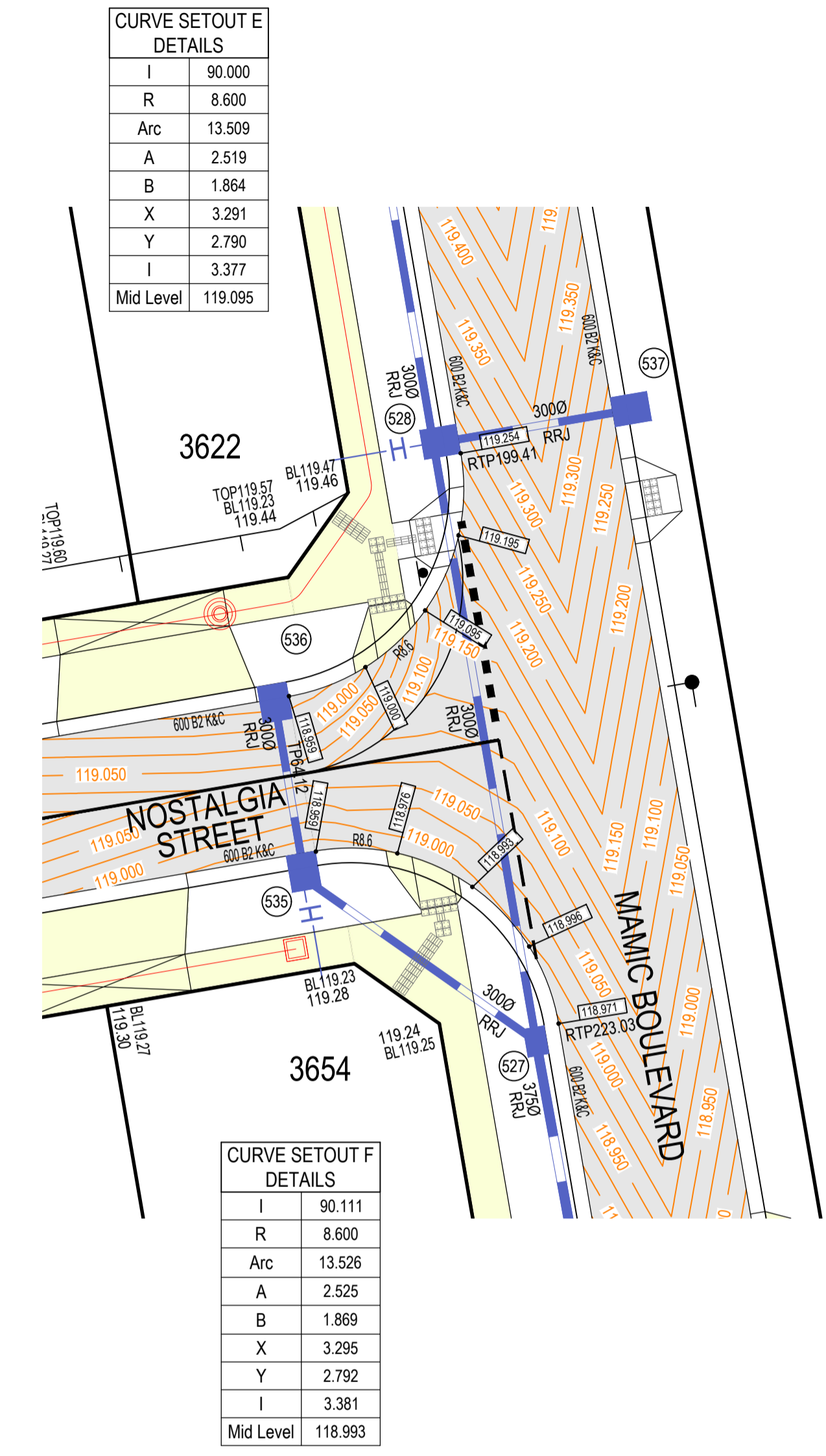
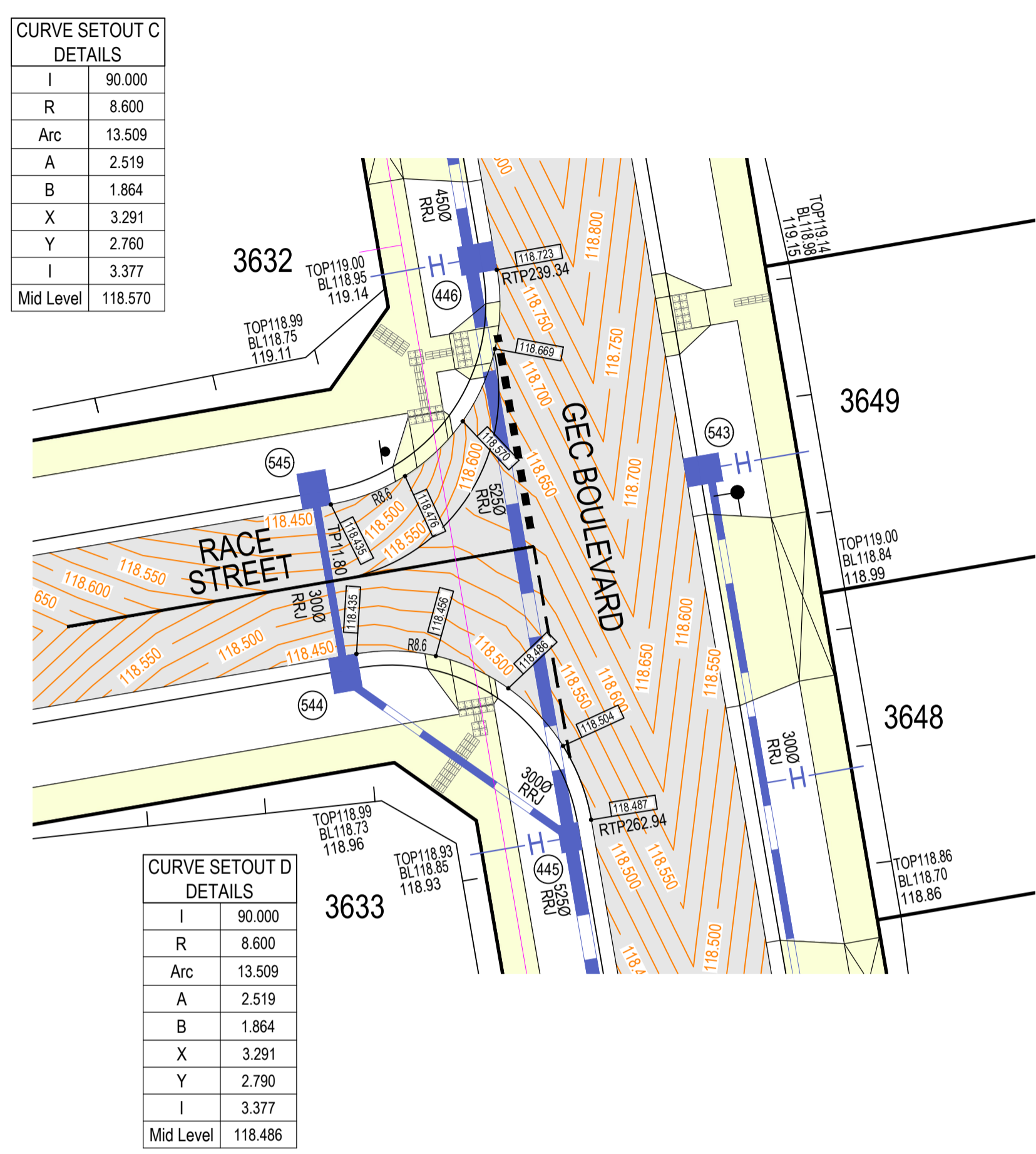
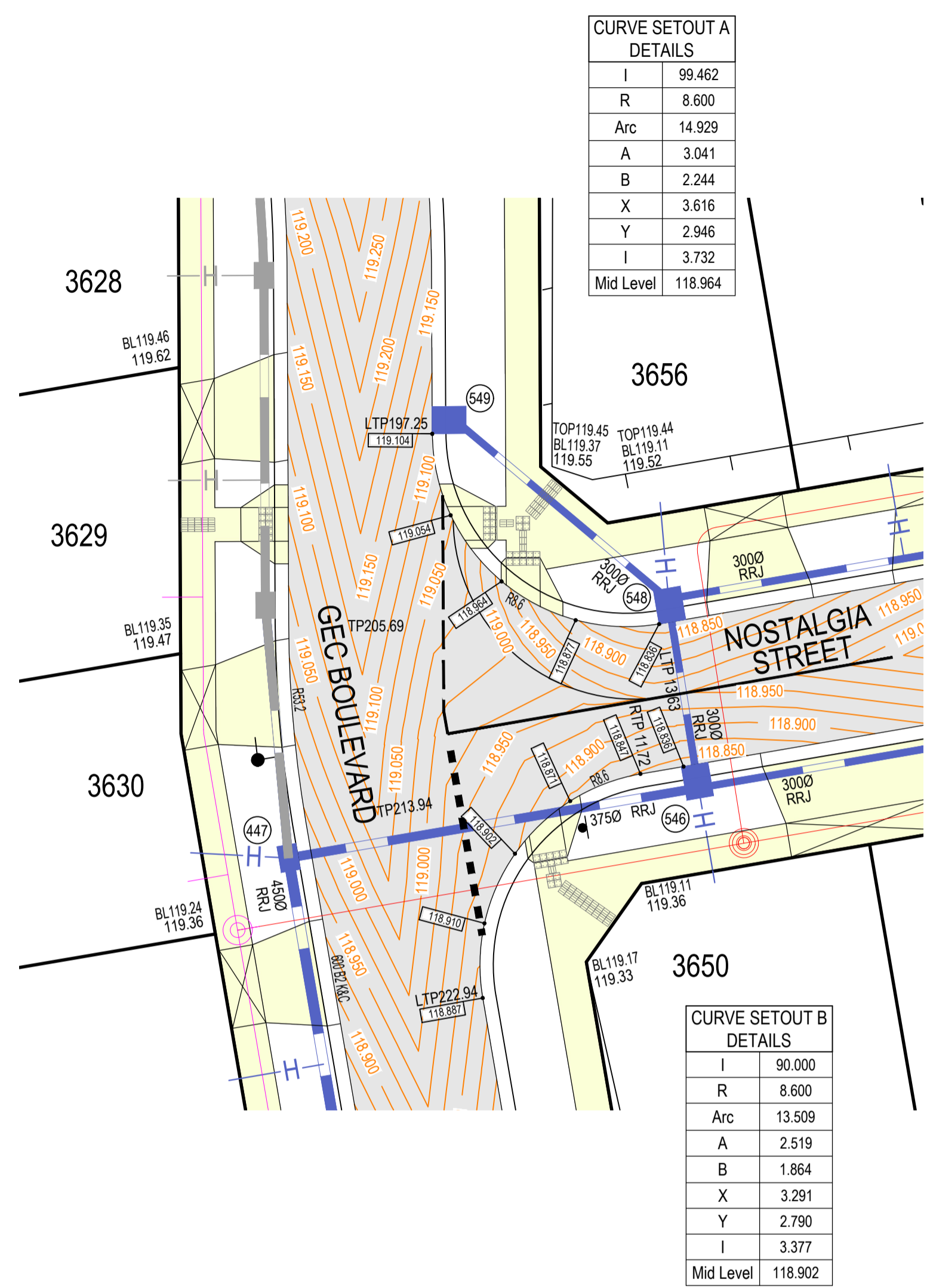
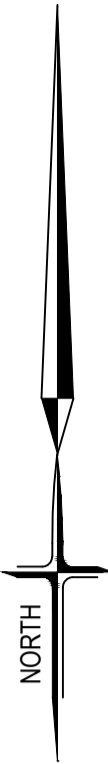
AMENDMENTS				 breese pitt dixon pty. ltd. land surveyors civil engineers 1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
			MELWAY REF. 356-C-1	
			SURVEY BPD	
			DESIGN J.B	
			ASPIRE ESTATE STAGE 36B ROAD PAVEMENT DETAILS & NOTES	MUNICIPALITY MELTON REFERENCE 8226 E/36B
A	19.12.2022	CONSTRUCTION ISSUE	DRAWN I.W	SCALE AS SHOWN DATUM AHD DATE JUNE 2022 SHEET 3 OF 17 A
VER	DATE	REMARKS	CHECKED C. HAGAN	



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.

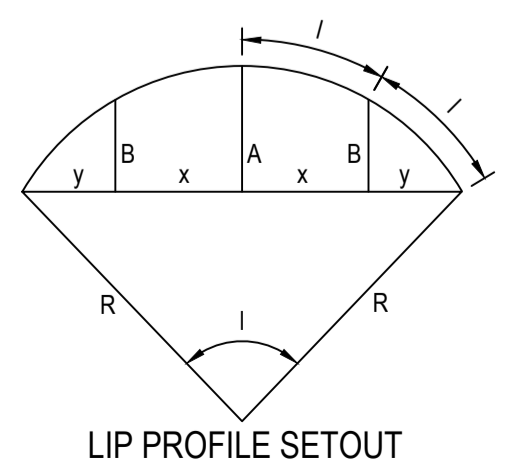


 breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		MUNICIPALITY MELTON	
MELWAY REF. 356-C-1 SURVEY BPD DESIGN J.B. DRAWN I.W.		ASPIRE ESTATE STAGE 36B TRANSFORMER SITE DETAILS	
AMENDMENTS A 19.12.2022 CONSTRUCTION ISSUE		REFERENCE 8226 E/36B	
VER DATE A 19.12.2022	REMARKS CONSTRUCTION ISSUE	CHECKED C. HAGAN SCALE AS SHOWN DATUM AHD DATE JUNE 2022	SHEET 4 OF 17 A

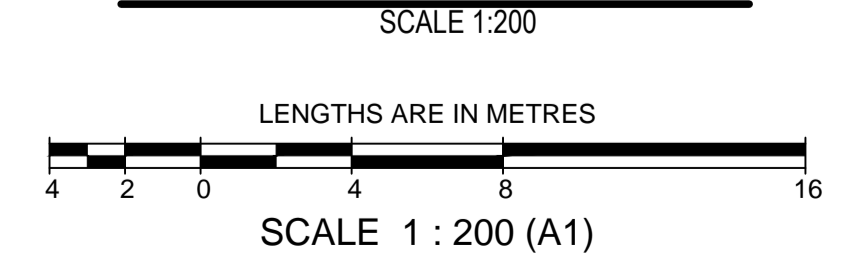


NOTES

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



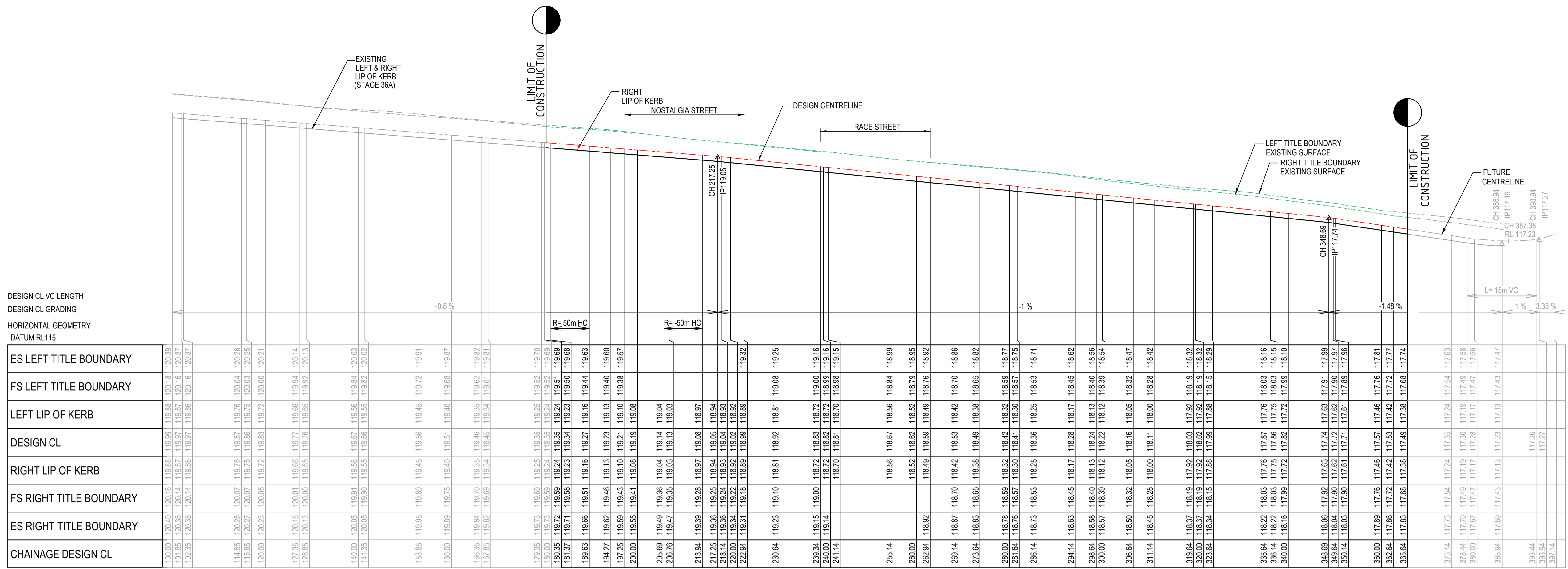
INTERSECTION DETAILS



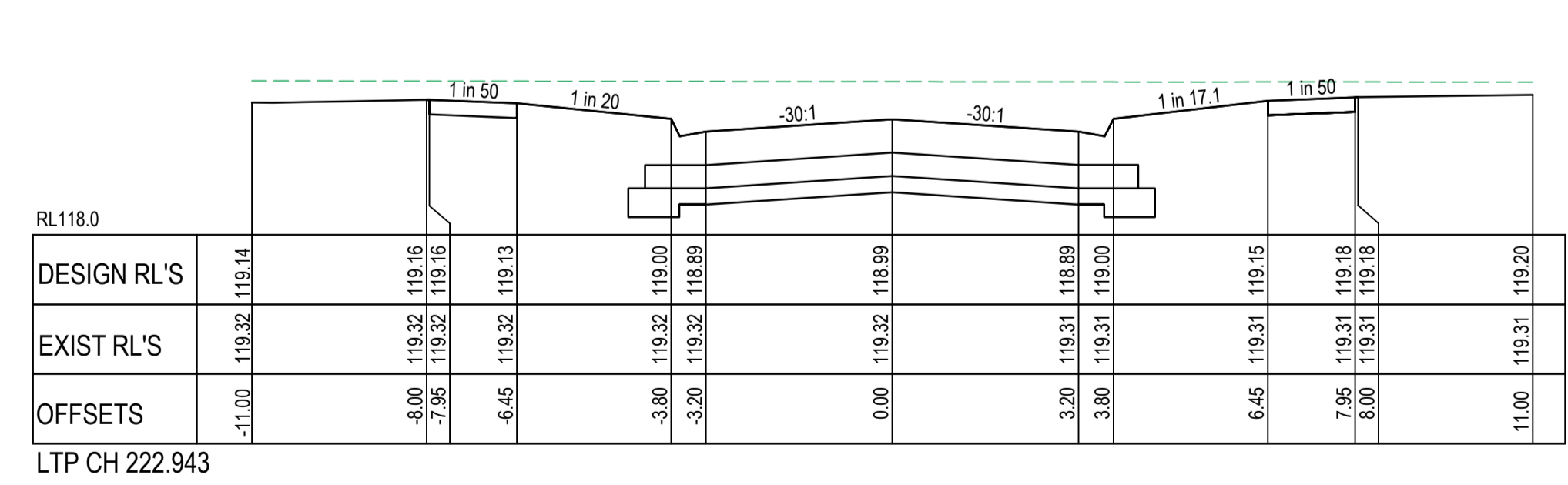
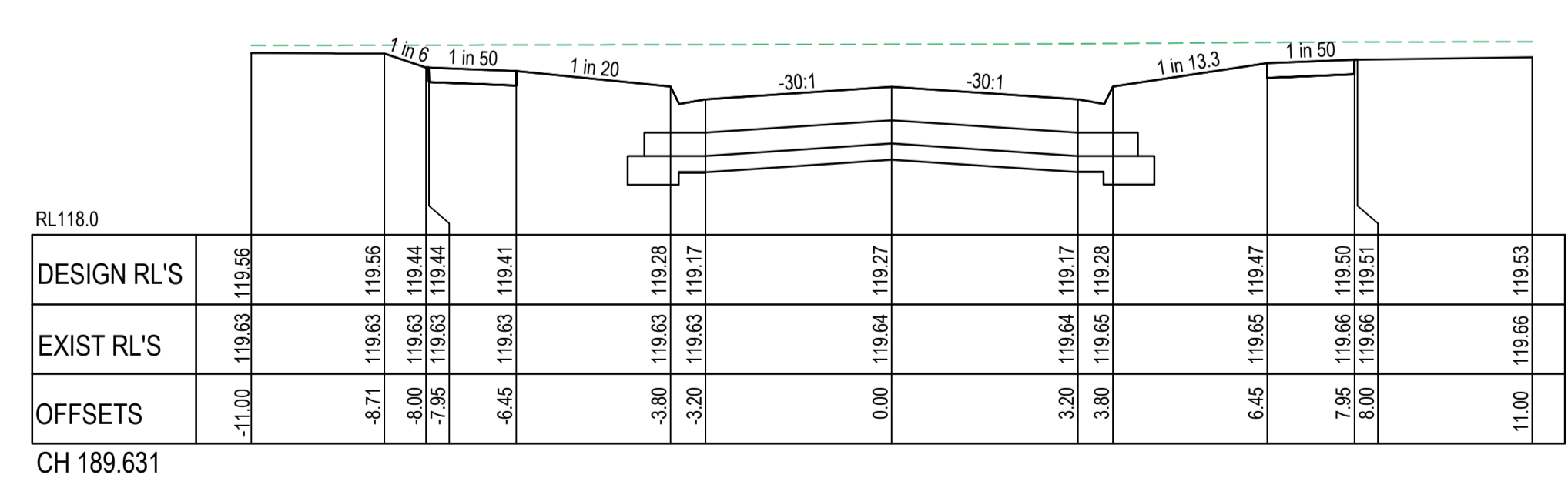
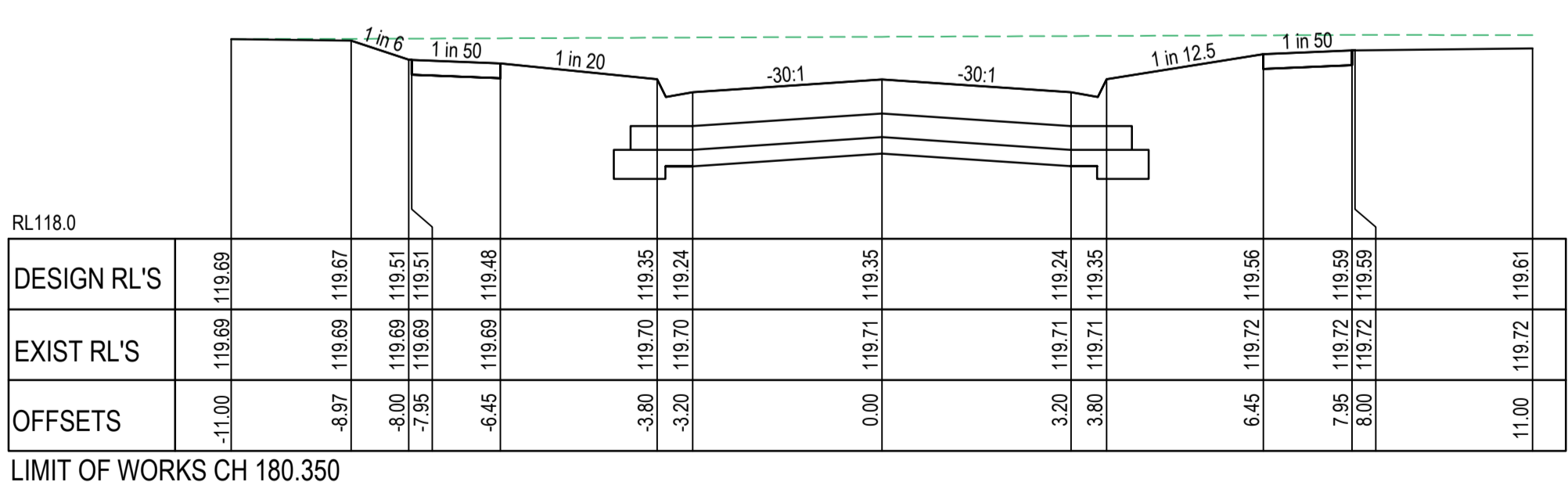
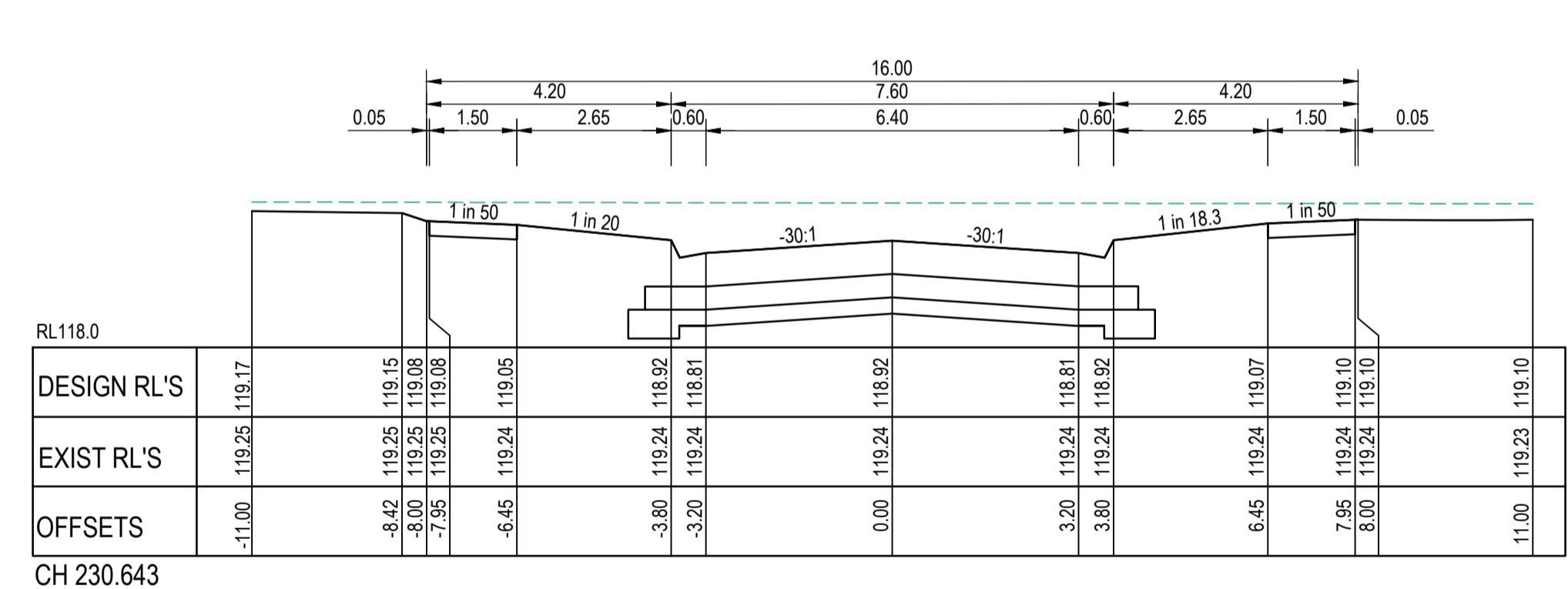
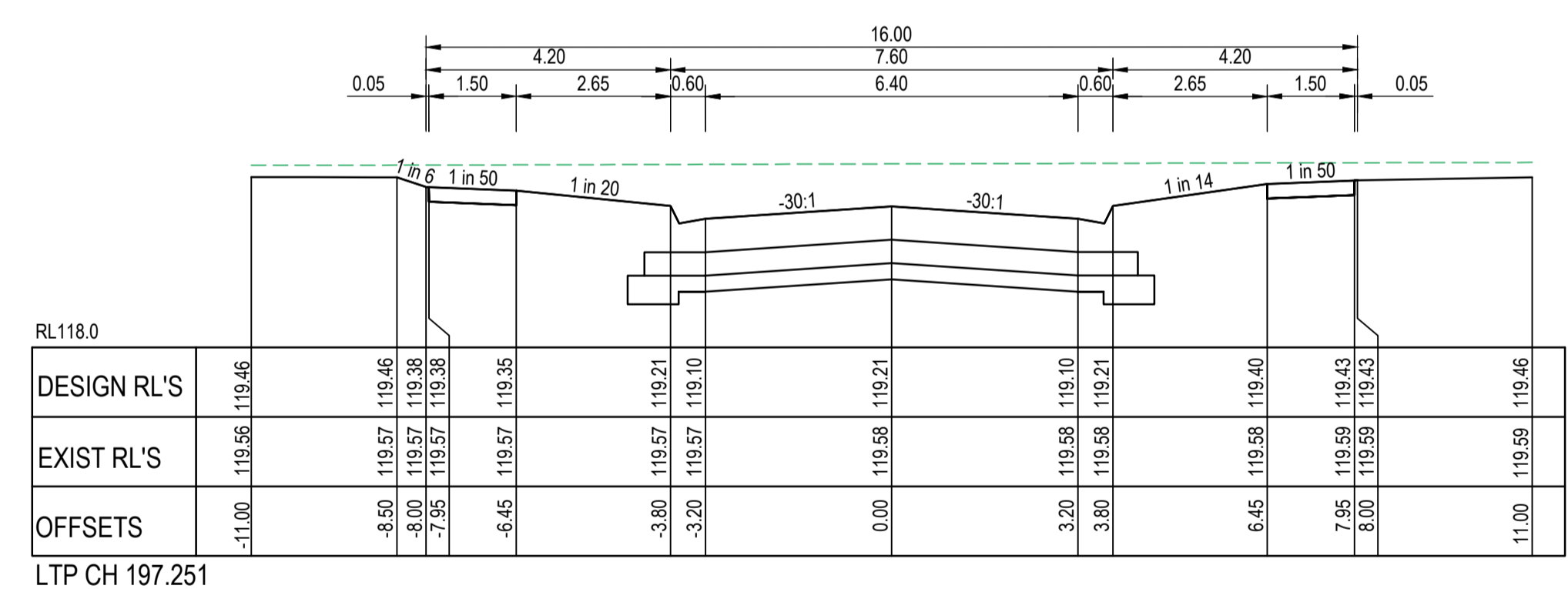
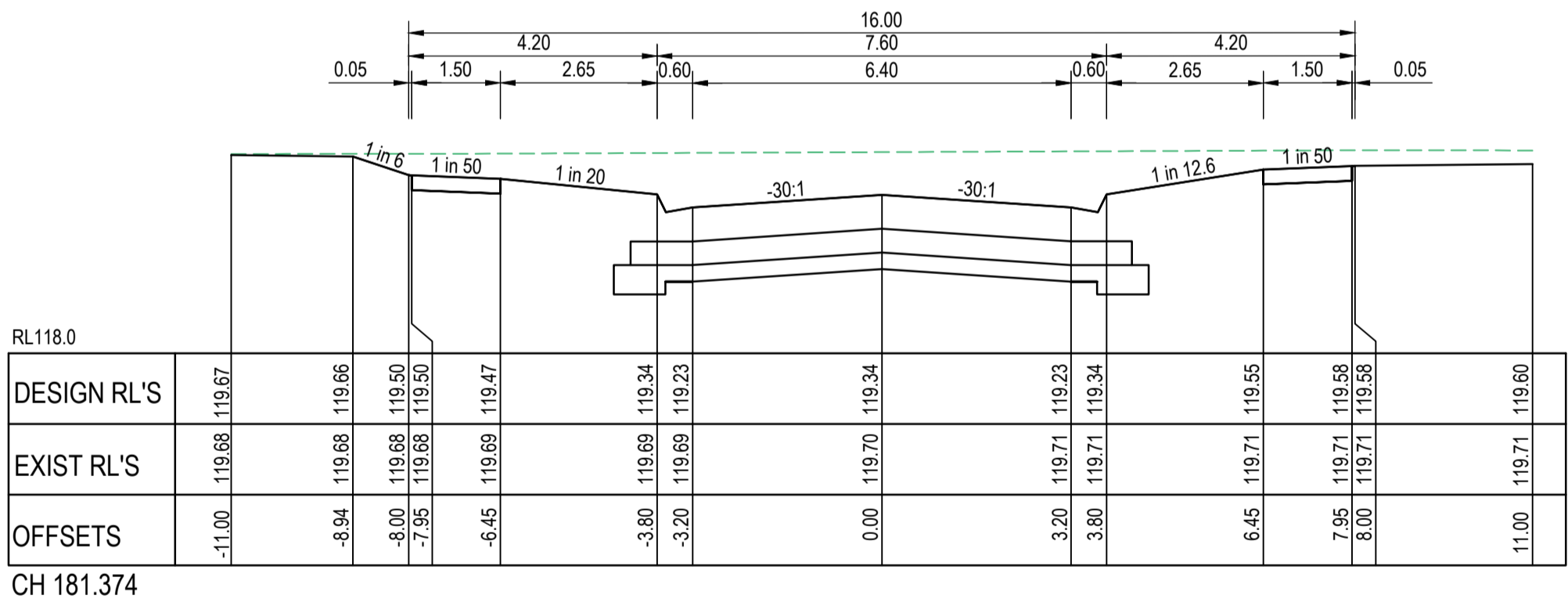
SYMBOL LEGEND

Prop	Prev Stage	Ex/Natural/FS Level	+28.57	+NS28.57	+FS28.57
Main Drains		FS @ Building Line	+BL28.57		
Sewer < 3000		Top/Toe of Batter	+TOP28.57	+TOE28.57	
Sewer ≥ 3000		Top Ret. Wall Level	+TW28.57		
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)			
FSM		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					

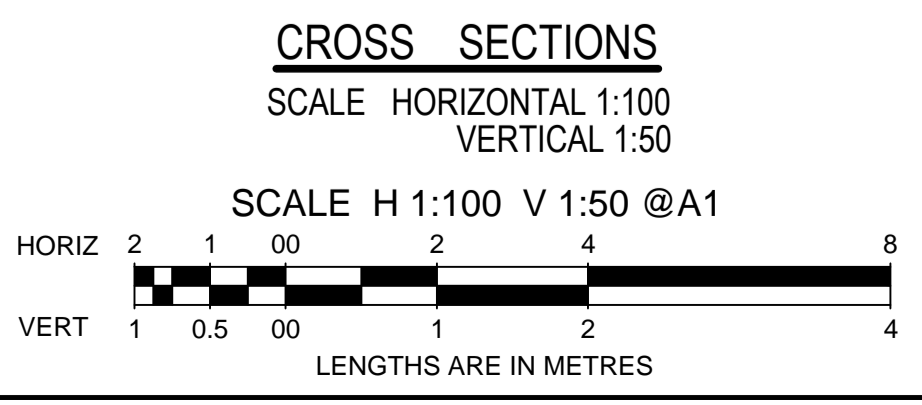
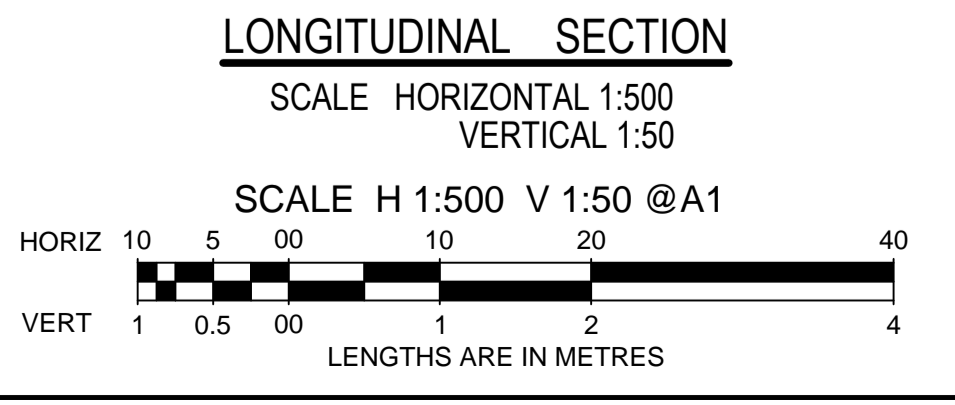
		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 356-C-1		SURVEY BPD		MUNICIPALITY MELTON	
C 04.07.2023 LOT NUMBERS REVISED		DESIGN J.B		REFERENCE 8226 E/36B	
B 24.01.2023 PoS REVISED		DRAWN I.W		INTERSECTION DETAILS PLAN	
A 19.12.2022 CONSTRUCTION ISSUE		CHECKED C. HAGAN		SCALE AS SHOWN DATUM AHD DATE JUNE 2022	
VER	DATE	REMARKS	SHEET 5 OF 17	C	C



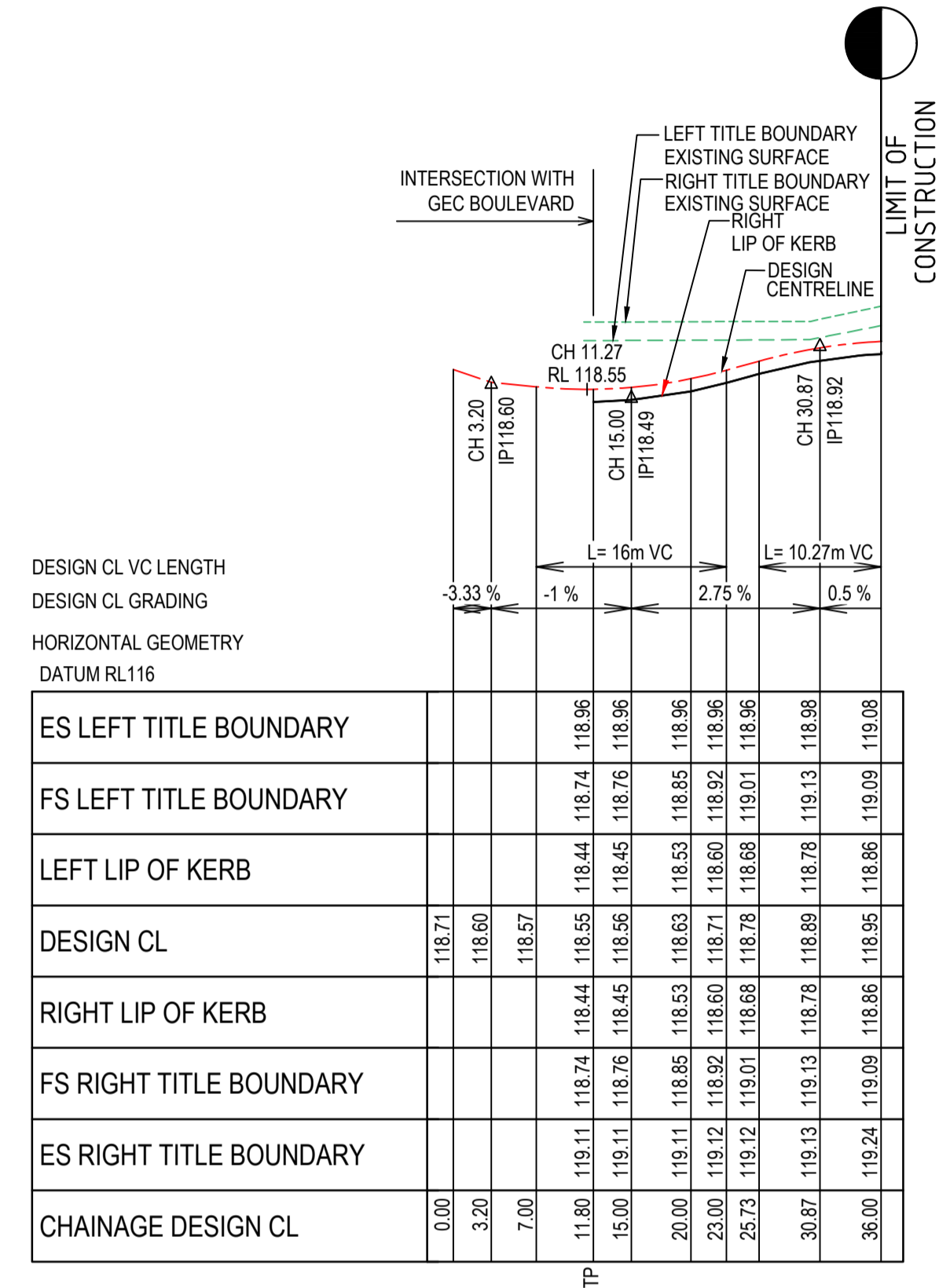
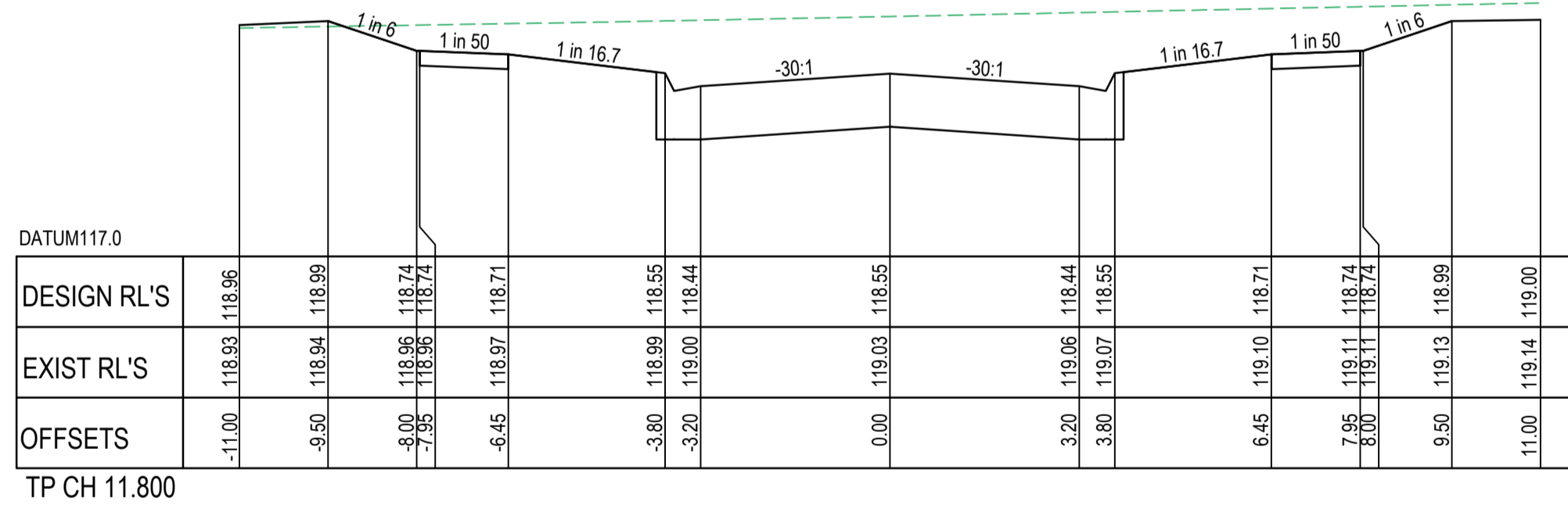
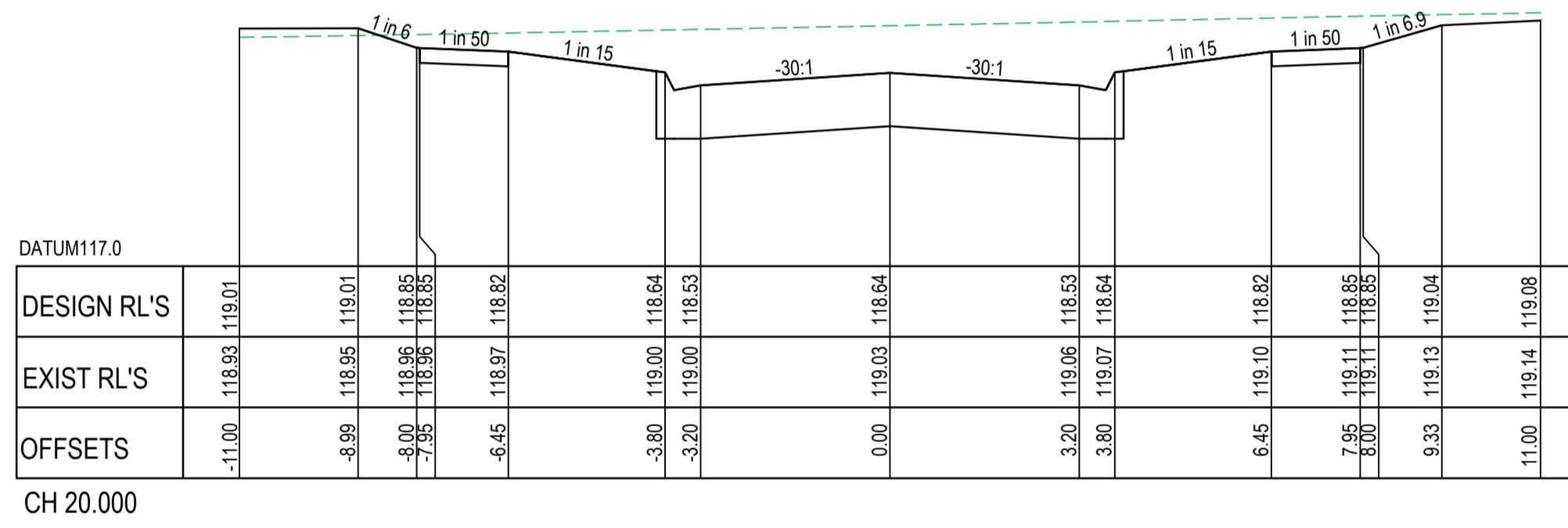
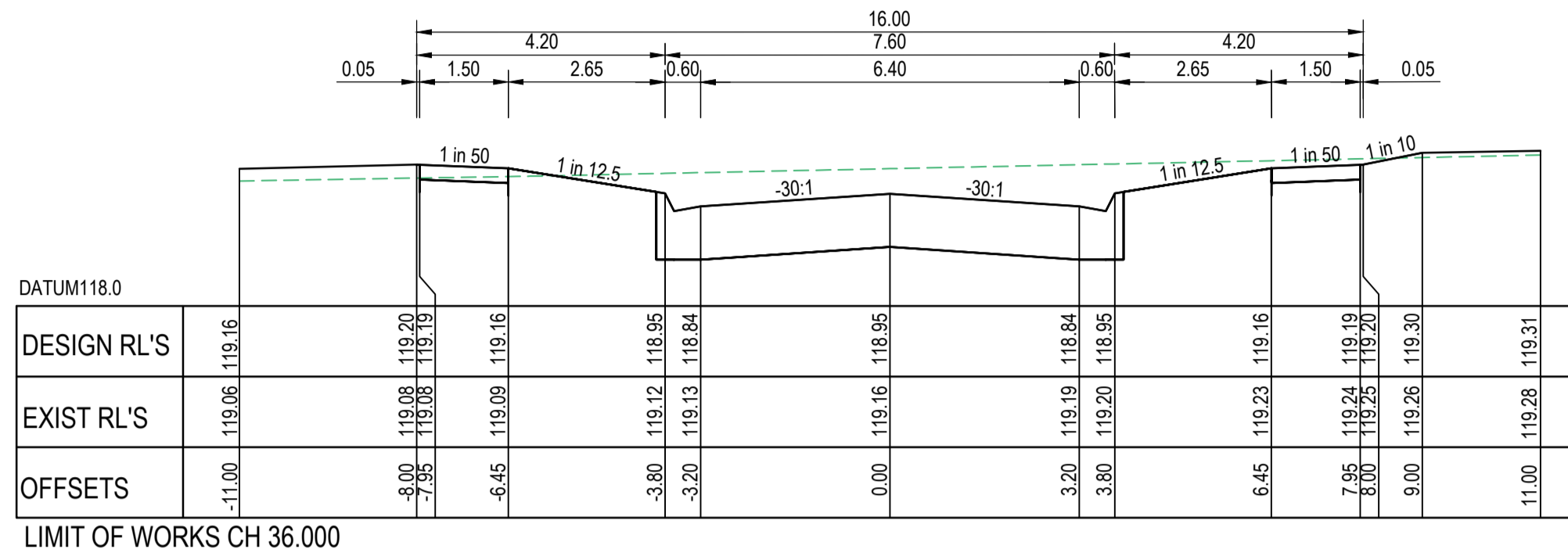
ES LEFT TITLE BOUNDARY	FS LEFT TITLE BOUNDARY	LEFT LIP OF KERB	DESIGN CL	RIGHT LIP OF KERB	FS RIGHT TITLE BOUNDARY	ES RIGHT TITLE BOUNDARY	CHAINAGE DESIGN CL
100.00	120.40	120.16	119.88	119.99	119.88	120.18	120.39
101.65	120.38	120.14	119.87	119.97	119.87	120.16	120.37
102.35	120.38	120.14	119.86	119.97	119.86	120.16	120.37
114.85	120.28	120.07	119.76	119.87	119.76	120.04	120.26
115.65	120.27	120.07	119.75	119.86	119.75	120.03	120.25
120.00	120.23	120.05	119.72	119.83	119.72	120.00	120.21
127.35	120.15	120.01	119.66	119.77	119.66	119.94	120.14
128.85	120.13	120.00	119.65	119.76	119.65	119.92	120.13
140.00	120.05	119.81	119.56	119.67	119.56	119.84	120.03
141.35	120.05	119.80	119.55	119.66	119.55	119.82	120.02
153.65	119.95	119.80	119.45	119.56	119.45	119.72	119.91
160.00	119.89	119.75	119.40	119.51	119.40	119.68	119.87
166.35	119.84	119.70	119.35	119.46	119.35	119.62	119.82
167.65	119.82	119.69	119.34	119.45	119.34	119.61	119.81
179.35	119.73	119.60	119.25	119.35	119.25	119.52	119.70
180.00	119.73	119.59	119.24	119.35	119.24	119.52	119.69
180.35	119.72	119.59	119.24	119.35	119.24	119.51	119.69
181.37	119.71	119.58	119.23	119.34	119.23	119.50	119.68
188.63	119.66	119.51	119.16	119.27	119.16	119.44	119.63
194.27	119.62	119.46	119.13	119.23	119.13	119.40	119.60
197.25	119.59	119.43	119.10	119.21	119.10	119.38	119.57
200.00	119.55	119.41	119.08	119.19	119.08		
205.69	119.49	119.36	119.04	119.14	119.04		
206.76	119.47	119.35	119.03	119.13	119.03		
213.94	119.39	119.28	118.97	119.08	118.97		
217.25	119.36	119.25	118.94	119.05	118.94		
218.14	119.36	119.24	118.93	119.04	118.93		
218.31	119.34	119.22	118.92	119.02	118.92		
222.94	119.31	119.18	118.89	118.99	118.89		
230.64	119.23	119.10	118.81	118.92	118.81	119.08	119.25
239.34	119.15	119.00	118.72	118.83	118.72	119.00	119.16
240.00	119.14	118.72	118.82	118.72	118.99	119.16	
241.14		118.70	118.81	118.70	118.98	119.15	
255.14		118.56	118.67	118.56	118.84	118.99	
260.00		118.52	118.62	118.52	118.79	118.95	
262.94	118.52	118.49	118.49	118.49	118.76	118.92	
269.14	118.47	118.42	118.42	118.42	118.70	118.86	
273.64	118.43	118.38	118.49	118.38	118.65	118.82	
280.00	118.37	118.32	118.42	118.32	118.59	118.77	
281.64	118.36	118.31	118.41	118.30	118.57	118.75	
286.14	118.33	118.25	118.36	118.25	118.53	118.71	
294.14	118.23	118.15	118.17	118.28	118.17	118.45	118.62
298.64	118.20	118.13	118.24	118.13	118.40	118.56	
300.00	118.17	118.09	118.12	118.22	118.12	118.39	118.54
306.64	118.10	118.05	118.16	118.05	118.32	118.47	
311.14	118.05	118.00	118.11	118.00	118.28	118.42	
319.64	117.92	117.92	118.03	117.92	118.19	118.32	
320.00	117.90	117.92	118.02	117.92	118.19	118.32	
323.64	117.84	117.85	117.99	117.88	118.15	118.29	
336.64	117.82	117.76	117.87	117.76	118.03	118.16	
336.14	117.82	117.75	117.86	117.75	118.03	118.15	
340.00	117.78	117.72	117.82	117.72	117.99	118.10	
346.09	117.68	117.63	117.74	117.63	117.91	117.99	
349.64	117.62	117.57	117.62	117.57	117.90	117.97	
350.14	117.60	117.51	117.61	117.51	117.89	117.96	
360.00	117.46	117.46	117.57	117.46	117.76	117.81	
362.64	117.42	117.42	117.53	117.42	117.72	117.77	
365.64	117.33	117.38	117.49	117.38	117.68	117.74	
375.14	117.23	117.24	117.35	117.24	117.54	117.63	
376.44	117.19	117.19	117.30	117.19	117.49	117.58	
380.00	117.17	117.17	117.28	117.17	117.47	117.56	
385.94	117.13	117.13	117.23	117.13	117.43	117.47	
393.44					117.26		
393.94					117.27		
397.14							



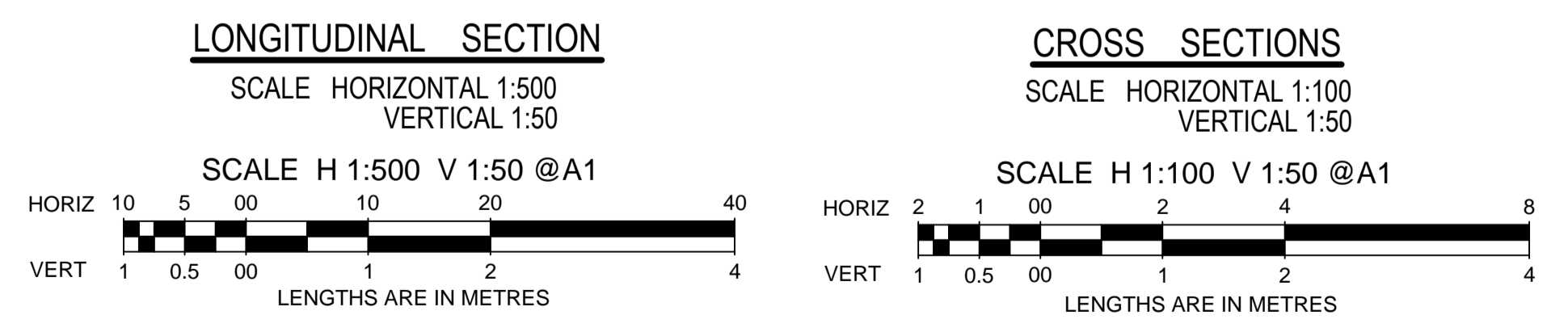
GEC BOULEVARD



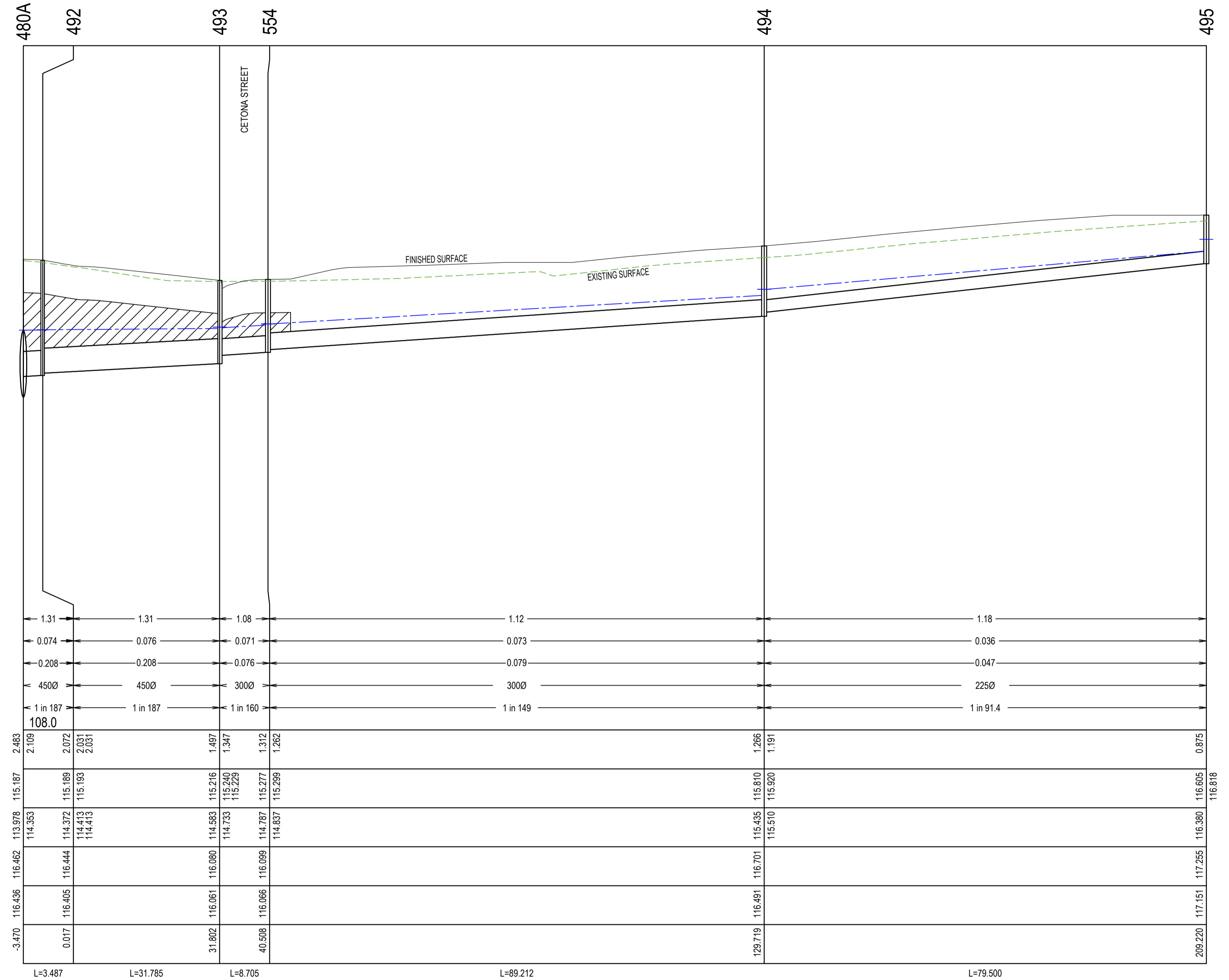
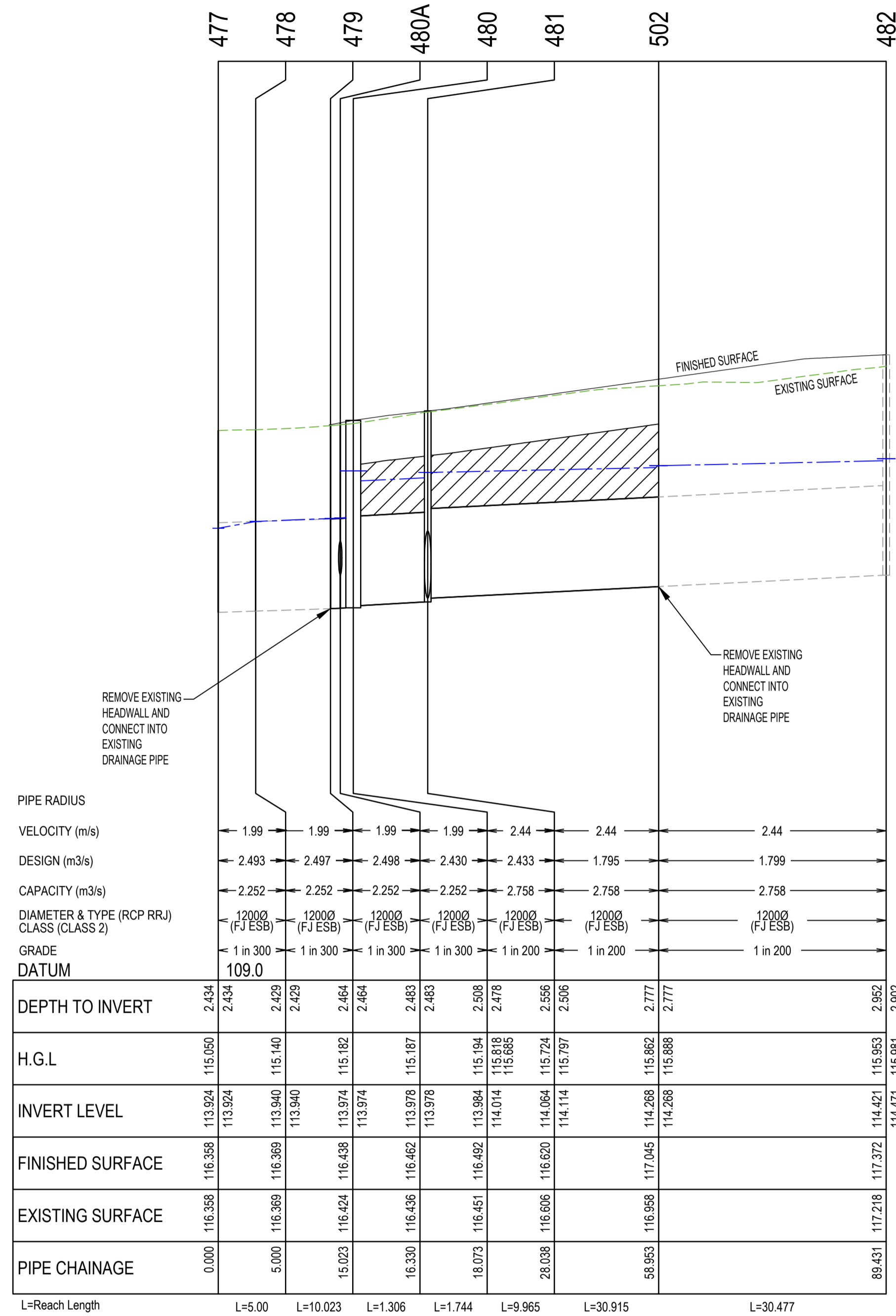
AMENDMENTS		 breese pitt dixon pty. ltd. land surveyors civil engineers 1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
	MELWAY REF. 356-C-1	
	SURVEY BPD	
	DESIGN J.B	
A 19.12.2022 CONSTRUCTION ISSUE	ASPIRE ESTATE STAGE 36B GEC BOULEVARD - SHEET 1 OF 2	MUNICIPALITY MELTON REFERENCE 8226 E/36B
VER DATE	REMARKS	CHECKED C. HAGAN SCALE AS SHOWN DATUM AHD DATE JUNE 2022 SHEET 6 OF 17



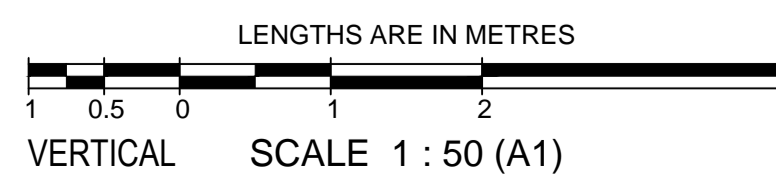
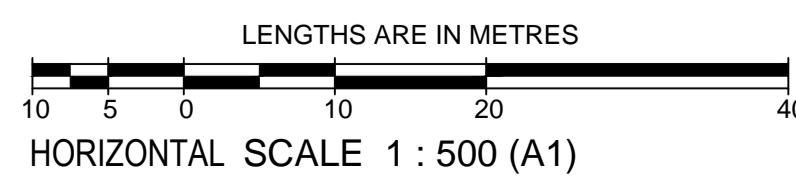
RACE STREET



AMENDMENTS		 land surveyors civil engineers		MELWAY REF. 356-C-1		ASPIRE ESTATE STAGE 36B RACE STREET		MUNICIPALITY					
				SURVEY BPD				MELTON					
				DESIGN J.B				REFERENCE					
				DRAWN I.W				8226 E/36B					
VER	DATE	REMARKS	CHECKED	C. HAGAN	SCALE	AS SHOWN	DATUM	AHD	DATE	JUNE 2022	SHEET	9 OF 17	A

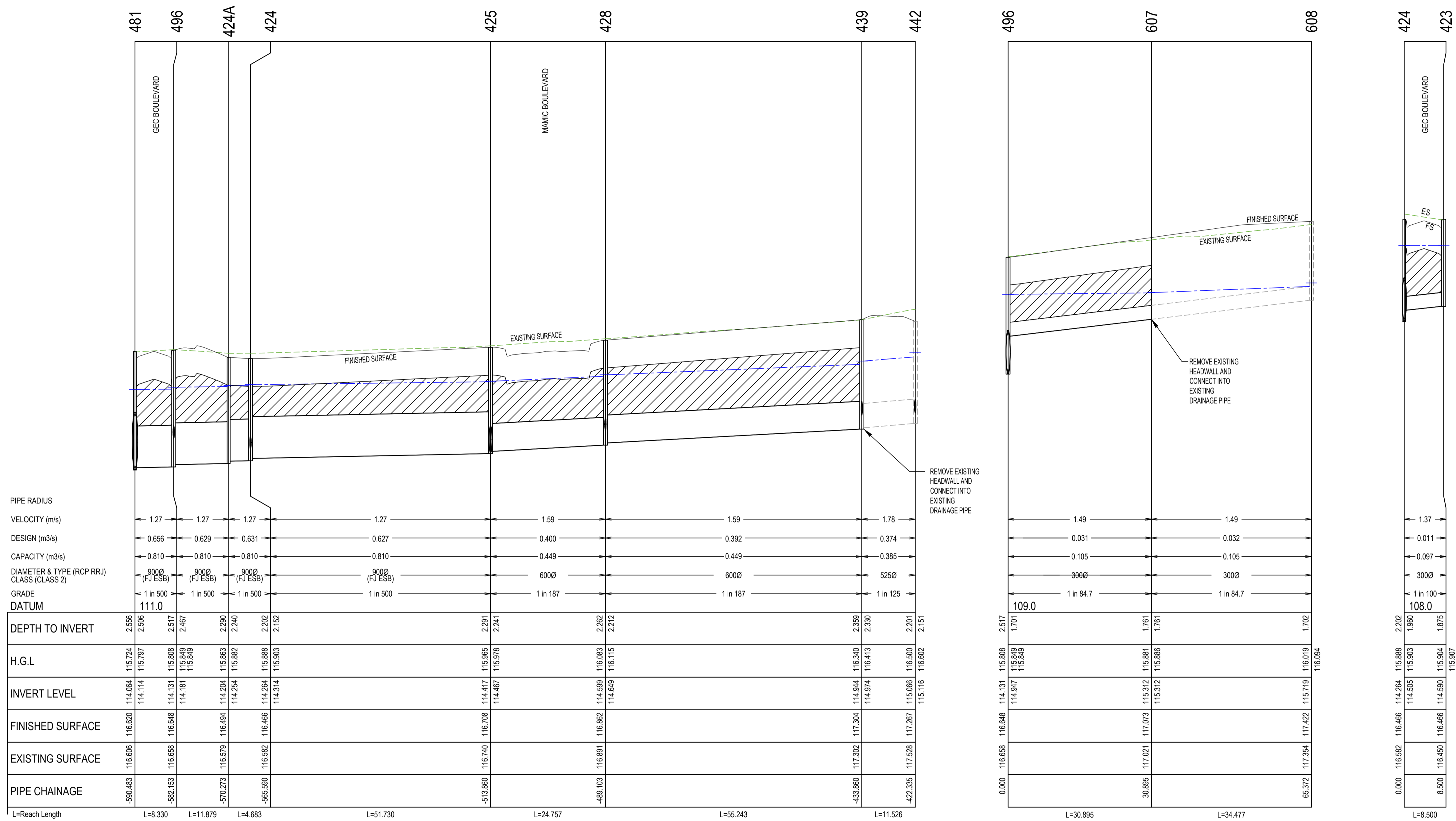


- LEGEND:**
- EXISTING SURFACE PROFILE
 - FINISHED SURFACE PROFILE
 - INDICATES SYR HGL
 - ▨ INDICATES CRUSHED ROCK BACKFILL

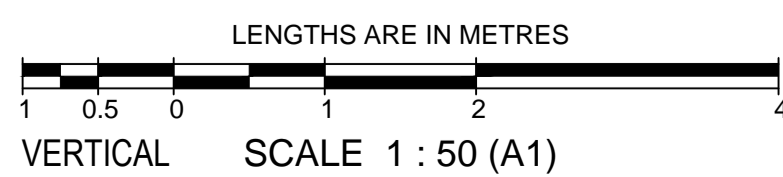
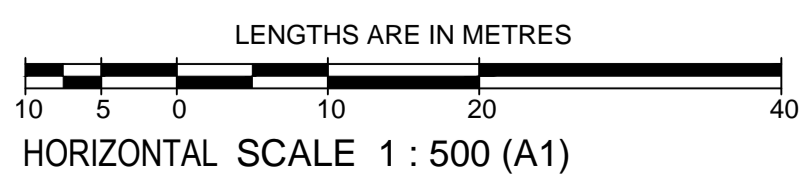


PRELIMINARY

		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. 354-C-12 SURVEY BPD DESIGN J.B DRAWN I.W CHECKED -		ASPIRE ESTATE STAGE 35B DRAINAGE LONGITUDINAL SECTIONS - SHEET 1		MUNICIPALITY MELTON REFERENCE 8226 E/35B	
SCALE AS SHOWN	DATUM AHD	DATE MAR 2023	SHEET 12 OF 19	P1	

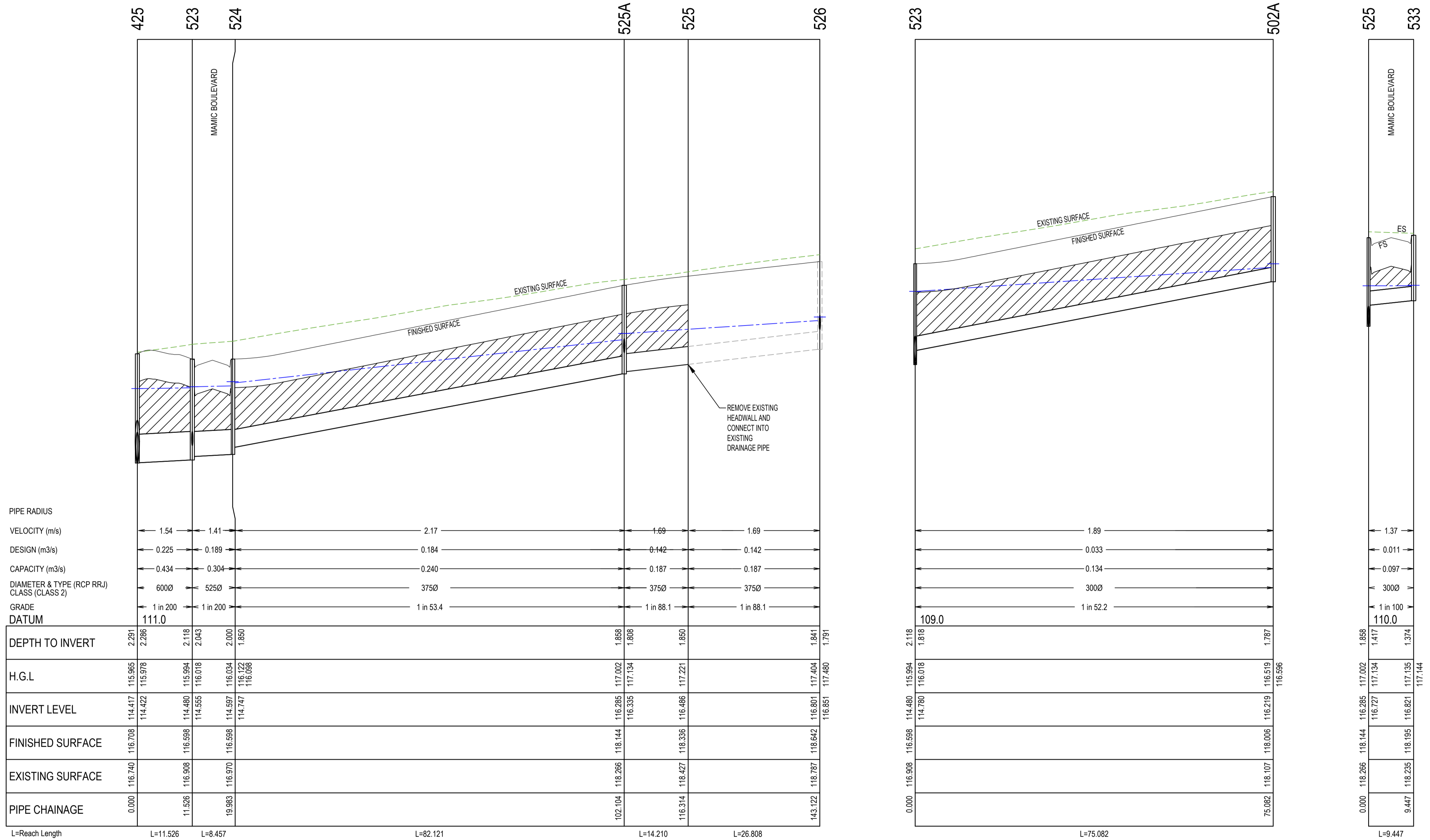


- LEGEND:**
- EXISTING SURFACE PROFILE
 - FINISHED SURFACE PROFILE
 - - - INDICATES SYR HGL
 - ▨ INDICATES CRUSHED ROCK BACKFILL

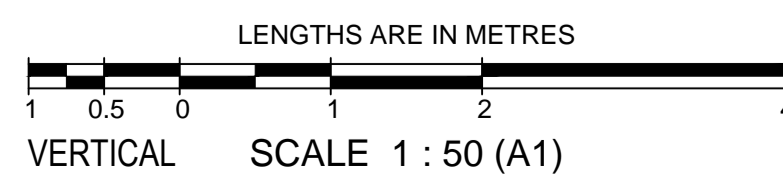
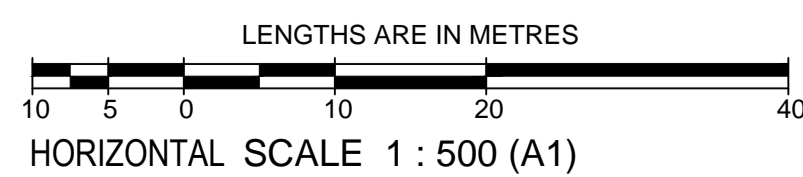


PRELIMINARY

AMENDMENTS		 breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 354-C-12		ASPIRE ESTATE STAGE 35B		MUNICIPALITY MELTON	
SURVEY BPD		DRAINAGE LONGITUDINAL SECTIONS - SHEET 2		REFERENCE 8226 E/35B	
DESIGN J.B		SCALE AS SHOWN		DATE MAR 2023	
DRAWN I.W		DATUM AHD		SHEET 13 OF 19	
CHECKED -		DATE MAR 2023		P1	

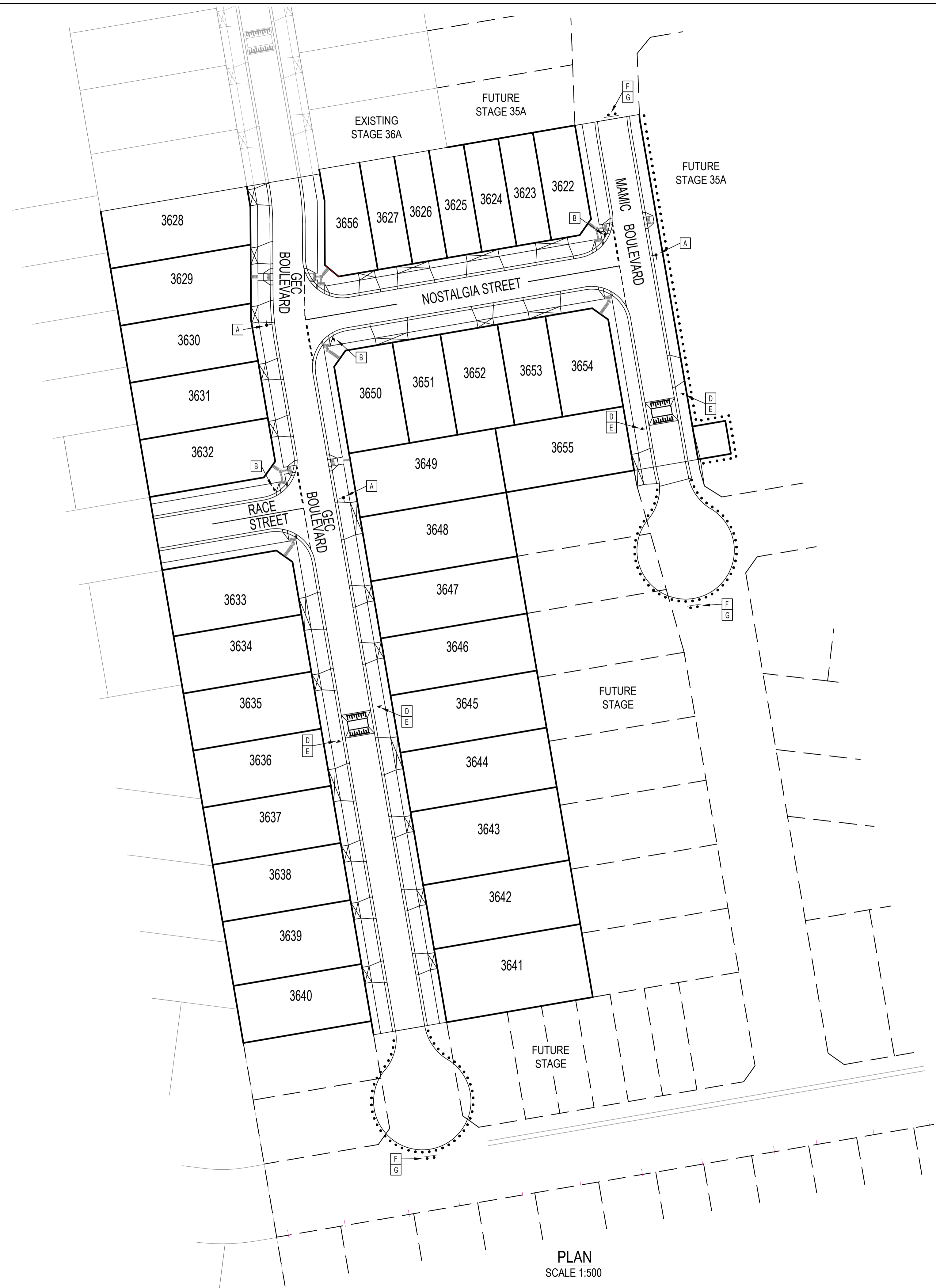
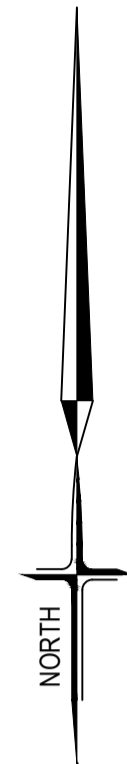


- LEGEND:**
- EXISTING SURFACE PROFILE
 - FINISHED SURFACE PROFILE
 - INDICATES 5YR HGL
 - INDICATES CRUSHED ROCK BACKFILL



PRELIMINARY

AMENDMENTS		 breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 354-C-12		ASPIRE ESTATE STAGE 35B		MUNICIPALITY MELTON	
SURVEY BPD				REFERENCE 8226 E/35B	
DESIGN J.B		DRAINAGE LONGITUDINAL SECTIONS - SHEET 3		8226 E/35B	
DRAWN I.W				SHEET 14 OF 19 P1	
VER	DATE	REMARKS	CHECKED -	SCALE AS SHOWN	DATUM AHD
				DATE MAR 2023	



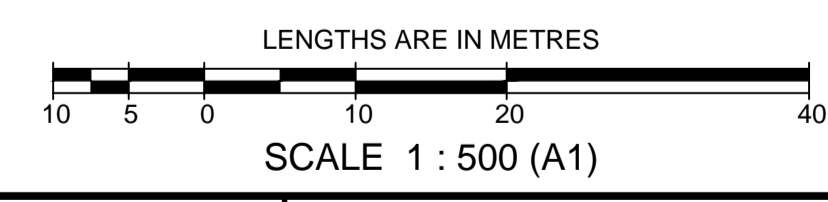
PLAN
SCALE 1:500

SIGNAGE LEGEND

- A STREET SIGNS (35-1)
- B "GIVEWAY" SIGN (R1-2)
- D ROAD HUMPS SIGN (W5-10B)
- E 20 km/h ADVISORY SPEED SIGN (W6-2A)
- F "NO THROUGH ROAD" SIGN (39-18)
- G "BI-DIRECTIONAL HAZARD MARKER" SIGN (D4-4A)

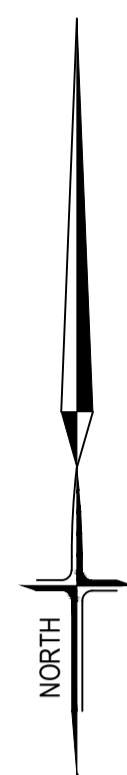
NOTES

- a) ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- b) INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPMS PLACED AT 6.00m CTS
- c) 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
- d) PROVIDE EMERALD GREEN COLOURED HIGH FRICTION SURFACE TREATMENTS ALONG SHARED PATH DENOTED THUS SURFACE TREATMENT MUST COMPLY WITH VICROADS STANDARD SECTION 430.
- e) STREET SIGNS TO HAVE MINIMUM 2 WEDGES IN THE SLEEVES
- f) SWLM - INDICATES SOLID WHITE "LONGLIFE" LINE MARKING
BWLM - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING



SYMBOL LEGEND		SYMBOL LEGEND	
	Prop Drain		Ex Natural FS Level
	Main Drain		FS @ Building Line
	Sewer < 3000		Top/Toe of Batter
	Sewer >= 3000		Top Ret. Wall Level
	Water (DW)		100yr Flood Level
	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		
				MUNICIPALITY MELTON		
AMENDMENTS		MELWAY REF. 356-C-1	ASPIRE ESTATE STAGE 36B SIGNAGE AND LINEMARKING PLAN		REFERENCE 8226 E/36B	
C	04.07.2023	LOT NUMBERS REVISED			SURVEY BPD	
B	24.01.2023	Pos REVISED			DESIGN J.B	
A	19.12.2022	CONSTRUCTION ISSUE	DRAWN I.W			
VER	DATE	REMARKS	CHECKED C. HAGAN	SCALE AS SHOWN	DATUM AHD	
				DATE JUNE 2022	SHEET 14 OF 17	

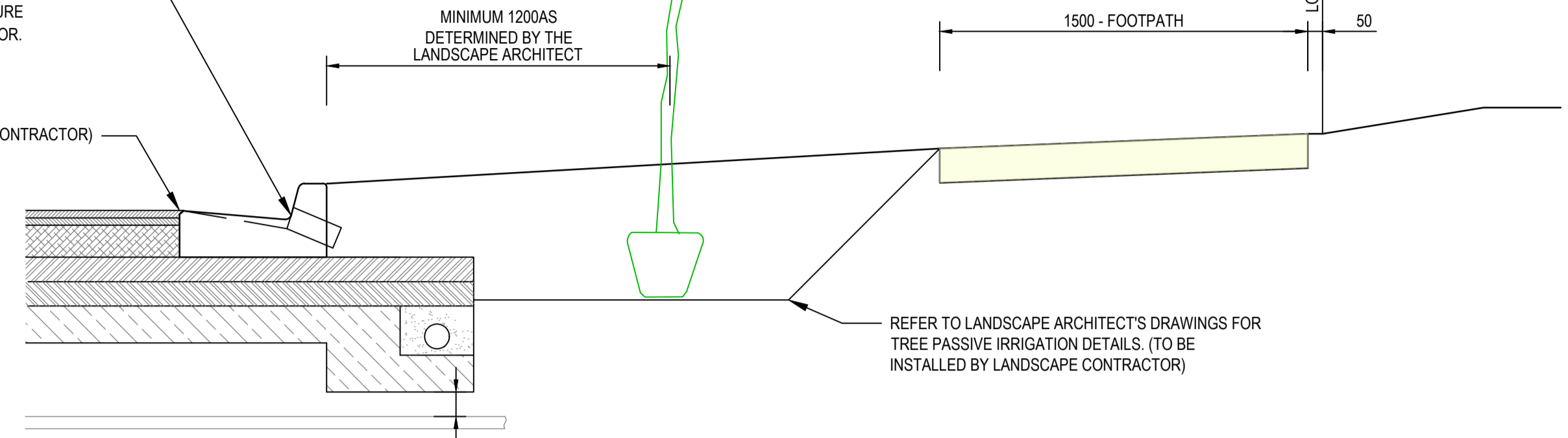


PLAN
SCALE 1:500

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

"TREENET" INLET AS PER MANUFACTURERS SPECIFICATION.
TO BE PLACED ON THE HIGH SIDE OF THE TREE (INSTALLED
BY CIVIL CONTRACTOR). CAP END FOR FUTURE
CONNECTION BY LANDSCAPING CONTRACTOR.

600 B2 KERB (INSTALLED BY CIVIL CONTRACTOR)

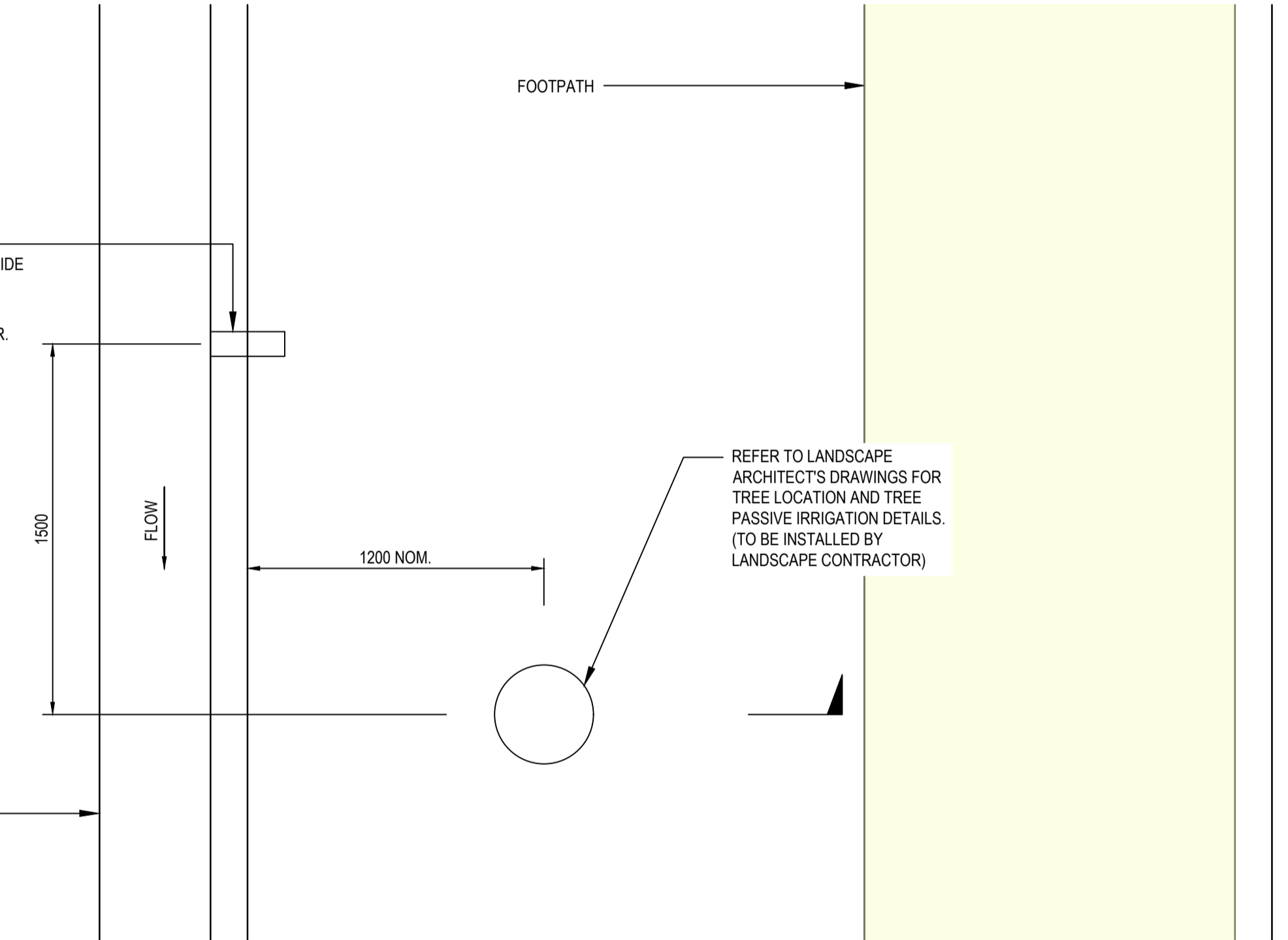


PASSIVE IRRIGATION INLET SECTION
SCALE - 1:20

"TREENET" INLET AS PER MANUFACTURERS
SPECIFICATION. TO BE PLACED IN THE HIGH SIDE
OF THE TREE PIT. (INSTALLED BY CIVIL
CONTRACTOR). CAP END FOR FUTURE
CONNECTION BY LANDSCAPING CONTRACTOR.

600 B2 KERB (INSTALLED BY
CIVIL CONTRACTOR)

TREE PIT SECTION

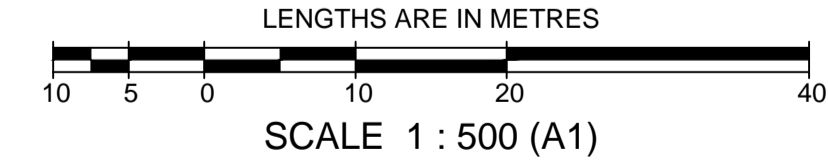


PASSIVE IRRIGATION INLET DETAIL
SCALE - 1:20

LEGEND

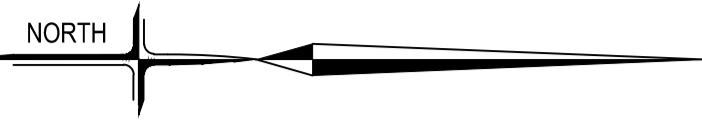
- PROPOSED PASSIVE IRRIGATION TREE PITS
- EXISTING PASSIVE IRRIGATION TREE PITS

NOTE:
LOCATION OF "TREENET" INLET TO BE
COORDINATED WITH FINAL COUNCIL ENDORSED
LANDSCAPE ARCHITECTS DRAWINGS.

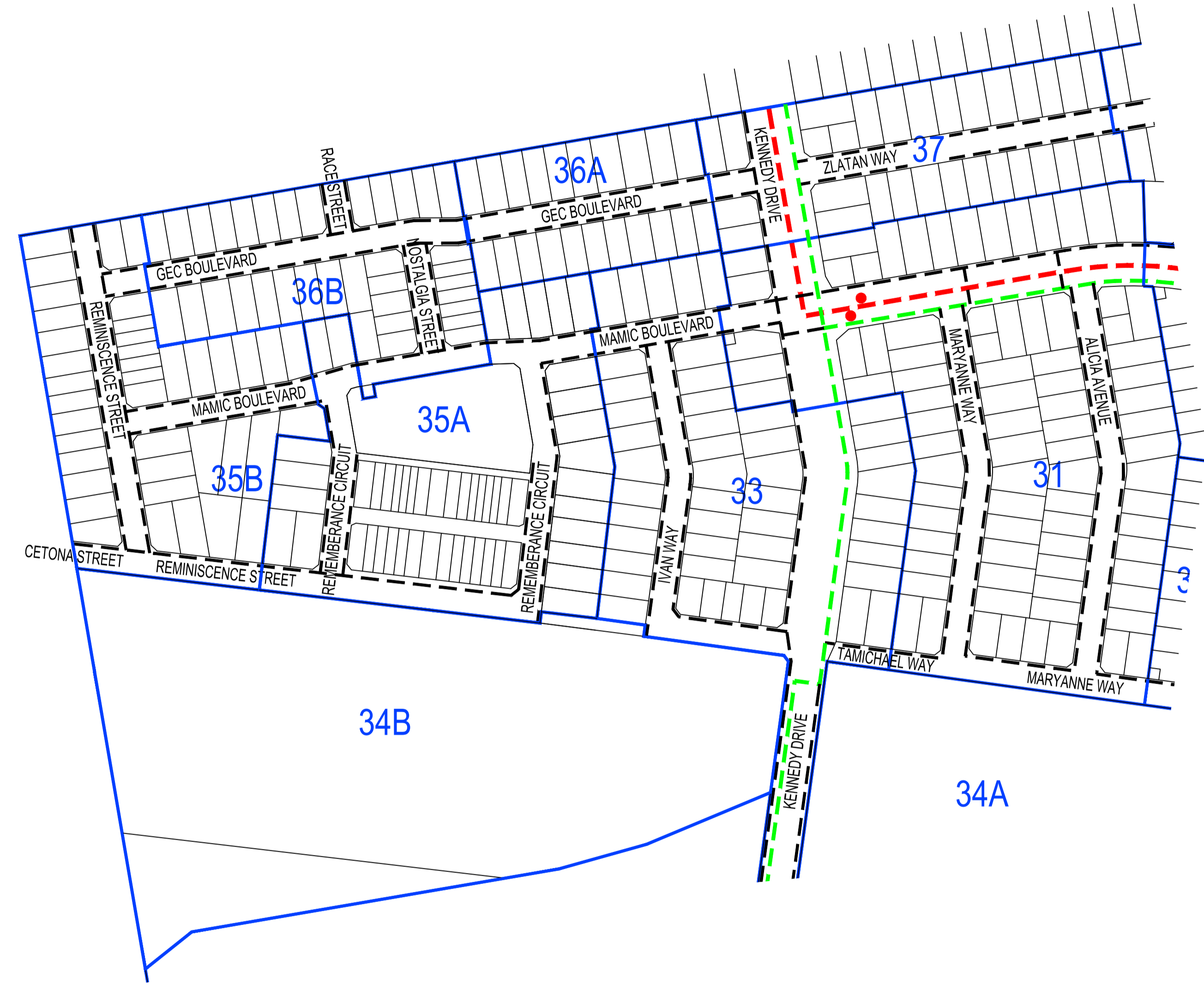


SYMBOL LEGEND		Prop		Prev Stage	
Drains					
Main Drains					
Sewer < 300Ø					
Sewer ≥ 300Ø					
Water (DW)					
Water (NDW)					
House Drain					
Property Inlet					
Street Sign					
PSM					
Rock Ret Wall					
Sleeper Ret Wall					
Conduits 50mm					
Conduits 100mm					
Street Tree without/with Passive 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)					

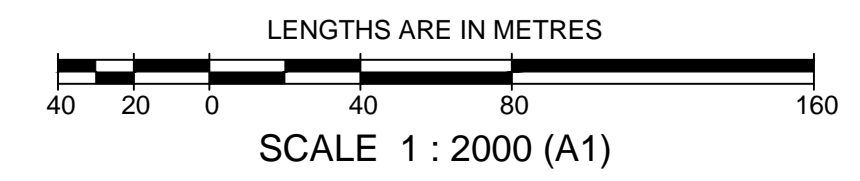
				breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310							
AMENDMENTS		MELWAY REF.	356-C-1	ASPIRE ESTATE STAGE 36B PASSIVE IRRIGATION PLAN		MUNICIPALITY MELTON							
C	04.07.2023	LOT NUMBERS REVISED	SURVEY			BPD	REFERENCE 8226 E/36B						
B	24.01.2023	Pos REVISED	DESIGN			J.B							
A	19.12.2022	CONSTRUCTION ISSUE	DRAWN			I.W							
VER	DATE	REMARKS	CHECKED	C. HAGAN	SCALE	AS SHOWN	DATUM	AHD	DATE	JUNE 2022	SHEET	15 OF 17	C



- 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



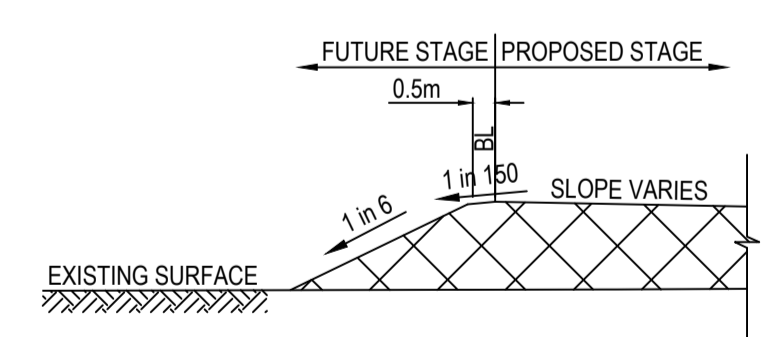
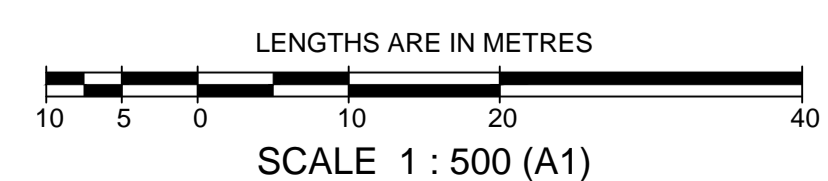
PLAN
SCALE 1:2000



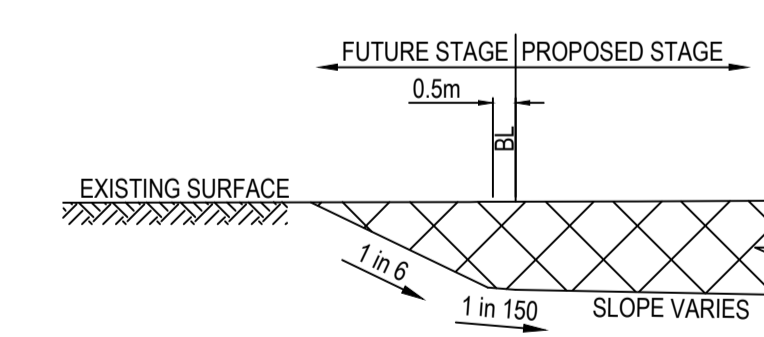
				 breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310													
						MELWAY REF. 365-C-1 SURVEY BPD DESIGN J.B. DRAWN I.W.		ASPIRE ESTATE STAGE 36B MOBILITY PLAN		MUNICIPALITY MELTON REFERENCE 8226 E/36B									
AMENDMENTS																			
VER	DATE	REMARKS	CHECKED	C. HAGAN	SCALE	AS SHOWN	DATUM	AHD	DATE	JUNE 2022	SHEET	16 OF 17	A						



PLAN
SCALE 1:500



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

SYMBOL LEGEND		Ex/Natural/FS Level	
Drains	Prop	Ex Natural/FS Level	+28.57
Main Drains	Prev Stage	FS @ Building Line	+28.28.57
Sewer < 300Ø	-S-	Top/Toe of Batter	+28.28.57
Sewer ≥ 300Ø	-S-	Top Ret. Wall Level	+28.28.57
Water (DW)	-DW-	100yr Flood Level	+FL28.57
Water (NDW)	-NDW-	Fill Proposed (<0.3m/≥0.3m)	
House Drain	-H-	Cut Proposed	
Property Inlet	-PI-	Asphalt Surface Prop	
Street Sign	-S-	Concrete Surface Prop	
PSM	-PSM-	(Paths/Driveways/Slabs)	
Rock Ret Wall	-RW-	Tree To Be Removed	X
Sleeper Ret Wall	-SLW-	Tree To Be Retained with	Tree Protection Zone (TPZ)
Conduits 50mm	-GW-		
Conduits 100mm	-W100-		
Street Tree without/with	-T-		
Passive Irrigation (Refer Detail)	-I-		
Ex Drains	-Ex DW-		
Ex Water/DW/NDW	-Ex DW-		
Ex Sewer/Gas	-Ex S-		
Ex Elect/Comm	-Ex E-		
Ex Optic Fibre	-Ex O-		

AMENDMENTS		brees pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
C	04.07.2023	LOT NUMBERS REVISED	MELWAY REF. 356-C-1	MUNICIPALITY MELTON	
B	24.01.2023	Pos REVISED	SURVEY BPD	REFERENCE 8226 E/36B	
A	19.12.2022	CONSTRUCTION ISSUE	DESIGN J.B	EARTHWORKS PLAN	
VER	DATE	REMARKS	DRAWN I.W	SCALE AS SHOWN	DATUM AHD
			CHECKED C. HAGAN	DATE JUNE 2022	SHEET 17 OF 17