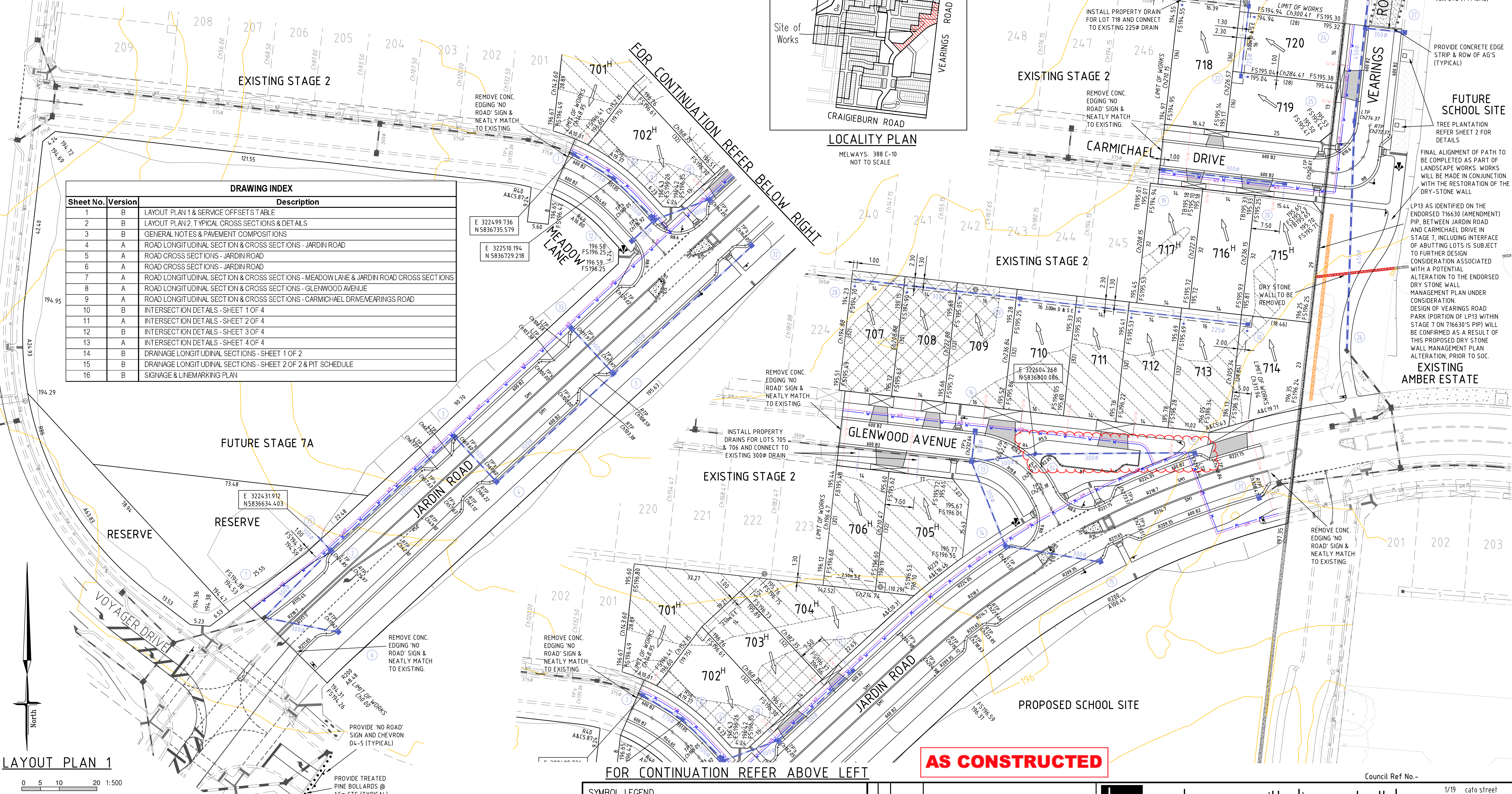


SERVICE OFFSETS AND LOCATION TABLE

ROAD NAME	ROAD RESERVE	POTABLE WATER		NON-POTABLE WATER		GAS		ELECTRICITY		TELECOMMUNICATIONS		BOK	
		SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	POLE	U/G CABLE	SIDE	OFFSET	SIDE	SIDE
JARDIN ROAD (Ch0.00 - Ch295.64)	29m	W	3.20	W	2.70	W	2.25	1.00*	E	5.45	E	4.70	8.75 E 4.35 W
JARDIN ROAD (Ch295.64 - Ch311.94)	29m	E	3.20	E	2.70	E	2.25	1.00*	W	2.50	W	1.85	8.75 E 4.35 W
MEADOW LANE	16m	N	3.20	N	2.70	N	2.25	1.00*	S	2.50	S	1.85	4.35 N 4.05 S
GLENWOOD AVENUE	20m	N	5.30	N	4.80	N	4.30	1.00*	S	2.60	S	1.85	6.95 N 5.45 S
CARMICHAEL DRIVE	16m	S	3.20	S	2.70	S	2.25	1.00*	N	2.60	N	1.85	4.05 N 4.35 S
VEARINGS ROAD	20.6m	W	2.80	W	2.30	W	1.80	1.00*	W	4.00	W	3.50	4.65 E 6.05 W

1. TELSTRA AND ELECTRICITY CABLES ARE TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRAWINGS.
2. GAS AND WATER MAINS ARE TO BE CONSTRUCTED IN A COMMON TRENCH.
3. * DENOTES OFFSET FROM BACK OF KERB.



DRAWING INDEX		
Sheet No.	Version	Description
1	B	LAYOUT PLAN 1 & SERVICE OFFSETS TABLE
2	B	LAYOUT PLAN 2, TYPICAL CROSS SECTIONS & DETAILS
3	B	GENERAL NOTES & PAVEMENT COMPOSITIONS
4	A	ROAD LONGITUDINAL SECTION & CROSS SECTIONS - JARDIN ROAD
5	A	ROAD CROSS SECTIONS - JARDIN ROAD
6	A	ROAD CROSS SECTIONS - JARDIN ROAD
7	A	ROAD LONGITUDINAL SECTION & CROSS SECTIONS - MEADOW LANE & JARDIN ROAD CROSS SECTIONS
8	A	ROAD LONGITUDINAL SECTION & CROSS SECTIONS - GLENWOOD AVENUE
9	A	ROAD LONGITUDINAL SECTION & CROSS SECTIONS - CARMICHAEL DRIVE/VEARINGS ROAD
10	B	INTERSECTION DETAILS - SHEET 1 OF 4
11	A	INTERSECTION DETAILS - SHEET 2 OF 4
12	B	INTERSECTION DETAILS - SHEET 3 OF 4
13	A	INTERSECTION DETAILS - SHEET 4 OF 4
14	B	DRAINAGE LONGITUDINAL SECTIONS - SHEET 1 OF 2
15	B	DRAINAGE LONGITUDINAL SECTIONS - SHEET 2 OF 2 & PIT SCHEDULE
16	B	SIGNAGE & LINEMARKING PLAN

LAYOUT PLAN 1

0 5 10 20 1:500
ALL LENGTHS ARE IN METRES

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

ATTENTION TO CONTRACTOR

- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM COORDINATES SHOWN.
- Contractor to ensure that the site is pegged by a licenced surveyor and/or set out checked by a licenced surveyor prior to underground infrastructure being installed.
- Where concrete works about a sewer access chamber surround or similar structure, an expansion joint of approved material shall be provided between the two faces.

SYMBOL LEGEND

Drains	Prop	Exist	Exist Surface Level	+ 7857
Sewer < 300	S	S	Prop Surface Level	+ 7858.57
Sewer > 300	S	S	Prop Top Batter Level	+ 7858.57
Potable Water	W	W	Prop Toe Batter Level	+ 7858.57
Recycled Water	RW	RW	Prop Top Retaining Wall Level	+ 7858.57
House Drain	H	H		
Property Inlet	I	I		
Street Sign	S	S		
PSM	P	P		
Retaining Wall	R	R	Fill > 150mm	
Conduits 50mm	C	C	Cut > 150mm	
Conduits 100mm	C	C		
Ex Gas/Elect/Tel	G	G		

AS CONSTRUCTED



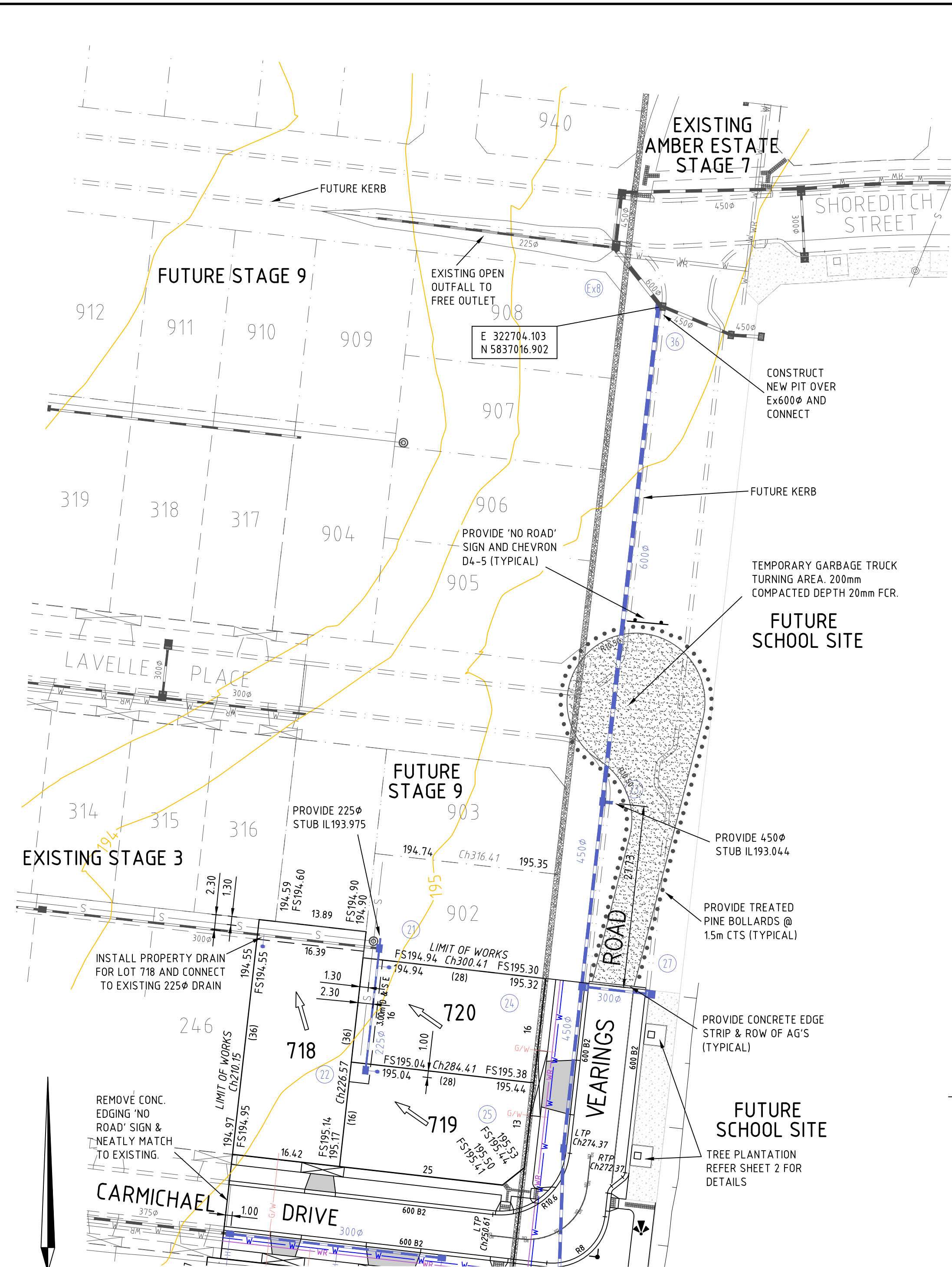
breese pitt dixon pty. ltd.
land surveyors civil engineers

MELWAY REF.	388 C-10
SURVEY	BPD
DESIGN	M.A.
DRAWN	M.A.
CHECKED	

RATHDOWNE ESTATE
STAGE 7
LAYOUT PLAN & SERVICE OFFSETS TABLE

MUNICIPALITY	WHITTLESEA
REFERENCE	9365 E/7
SHEET	1 OF 16
B	

SCALE AS SHOWN DATUM AHD DATE APR '20

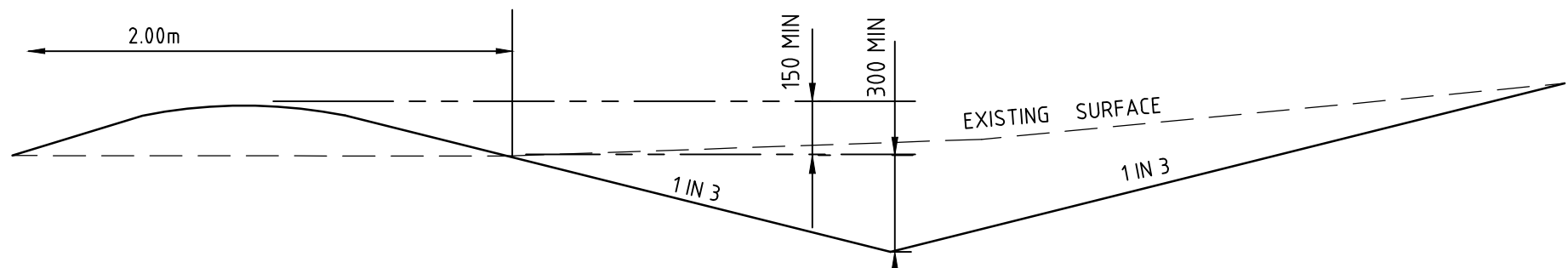


FOR CONTINUATION REFER SHEET 1

LAYOUT PLAN 2

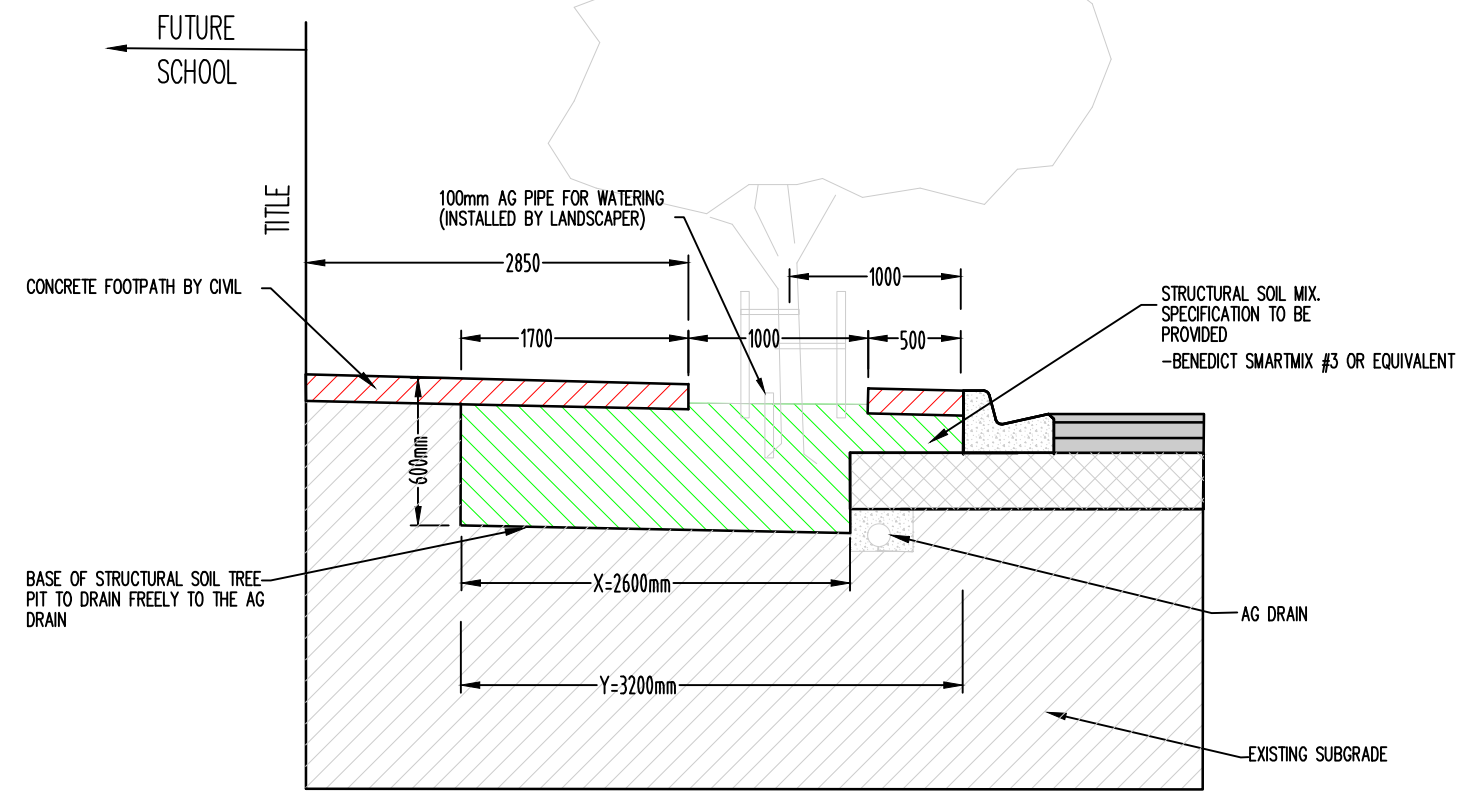
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ALL LENGTHS ARE IN METRES

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

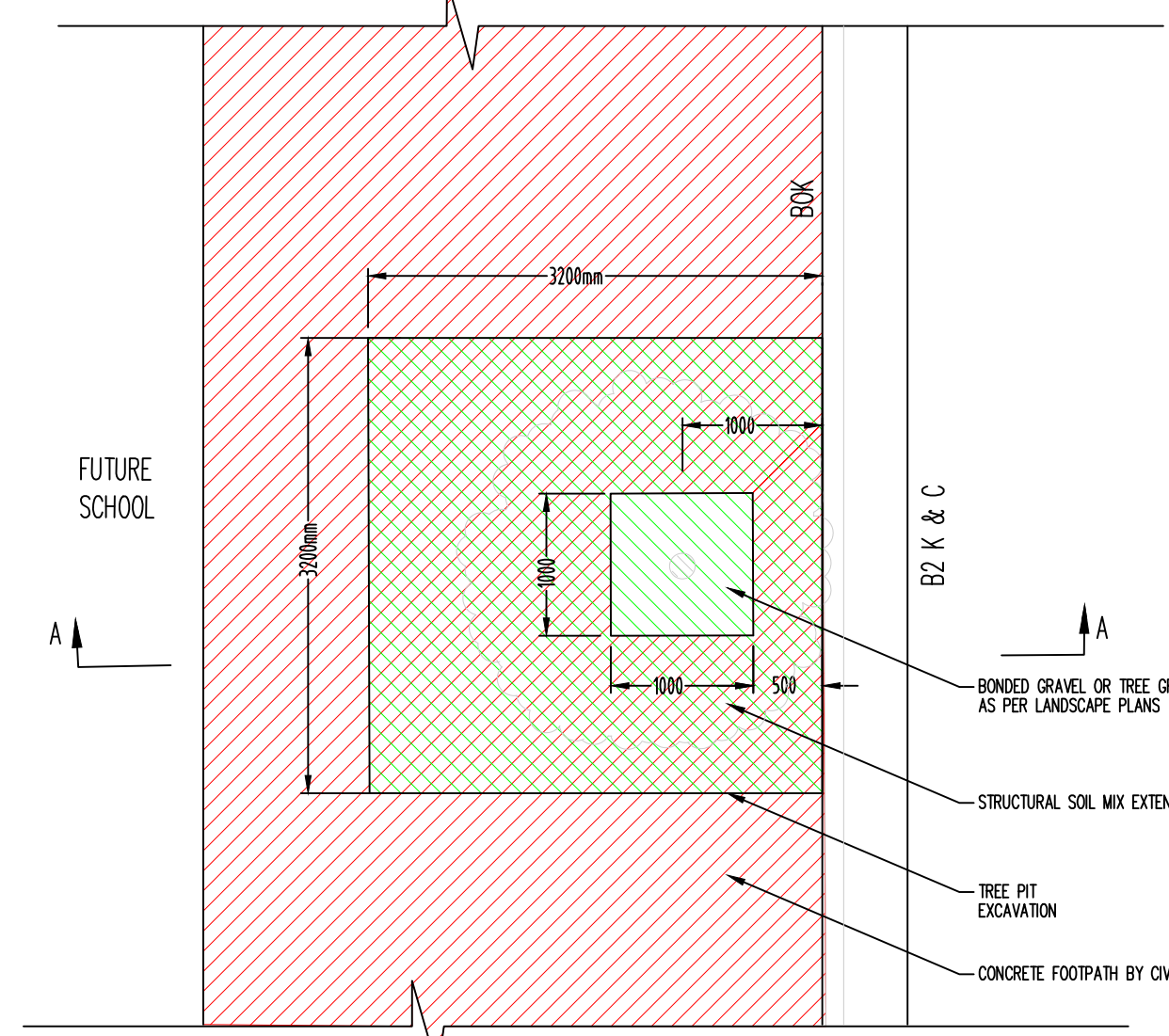


OUTFALL DRAIN/CUT-OFF DRAIN DETAIL

NOT TO SCALE



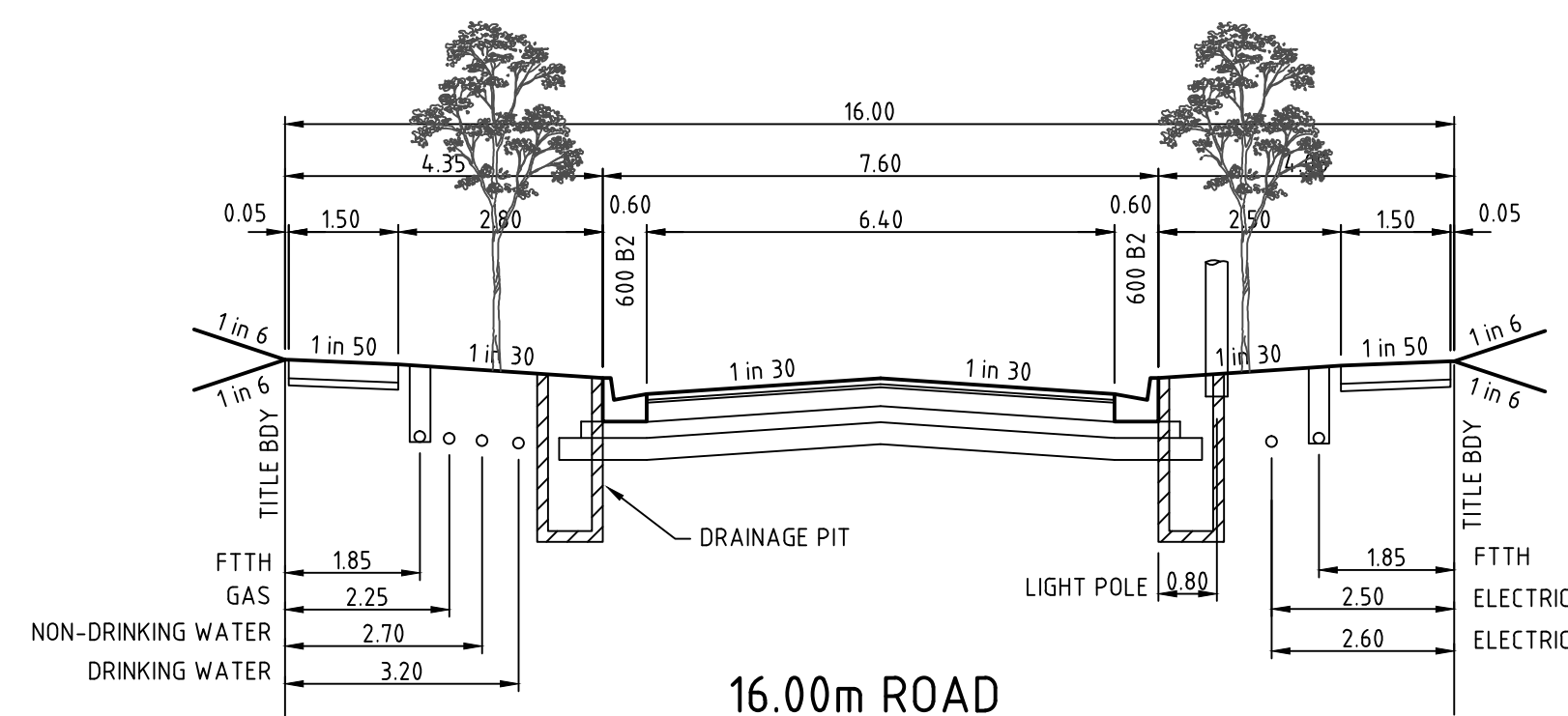
SECTION A-A



PLAN

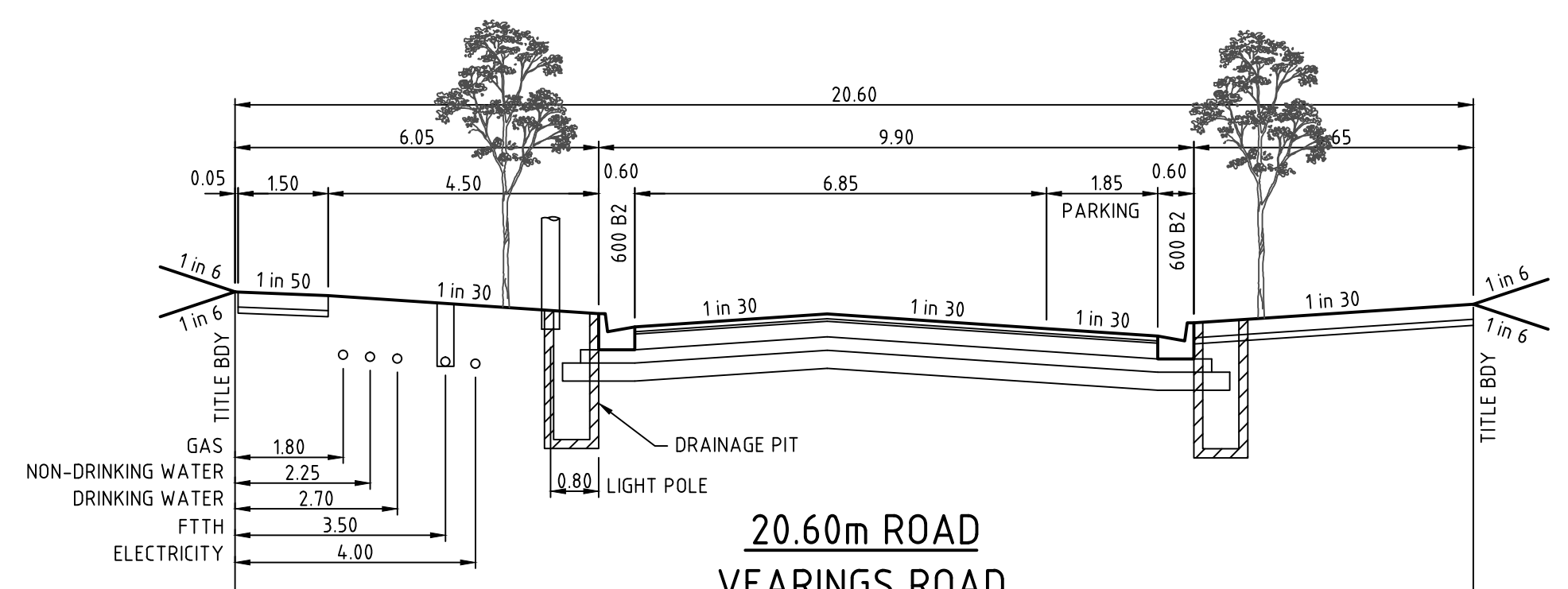
TREE PLANTATION DETAIL

NOT TO SCALE



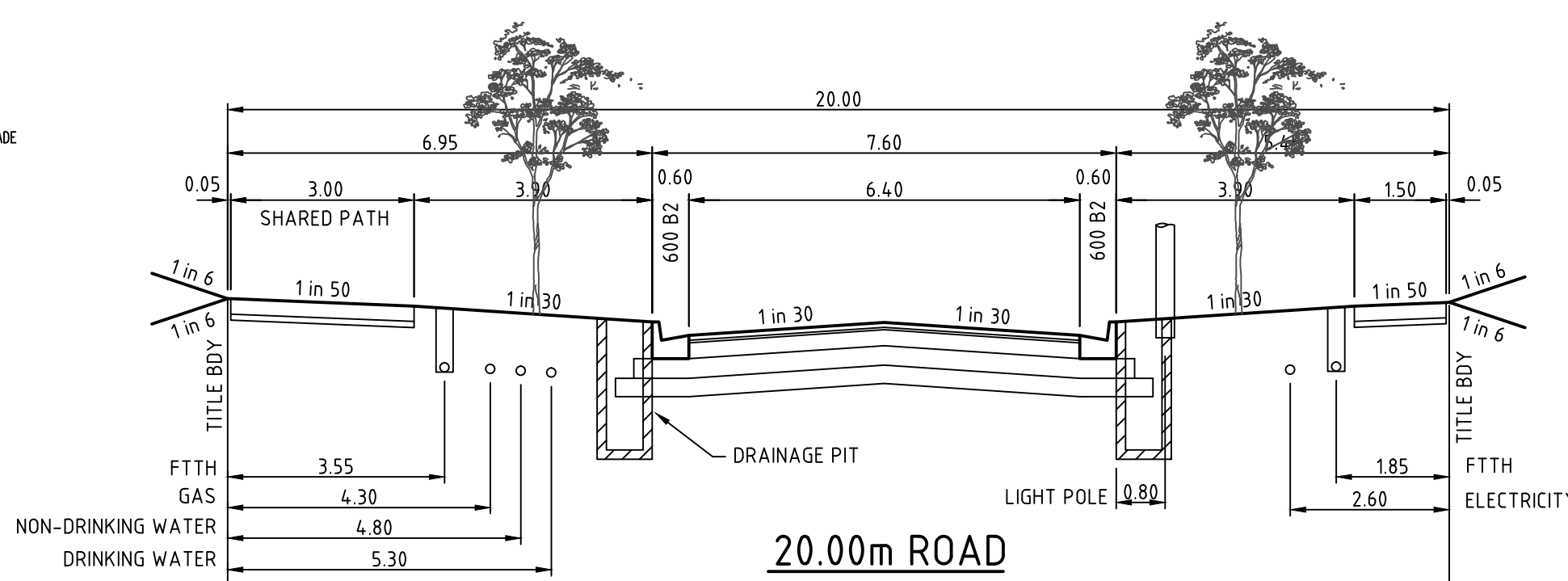
16.00m ROAD MEADOW LANE & CARMICHAEL DRIVE

LOCAL ACCESS STREET - LEVEL 1



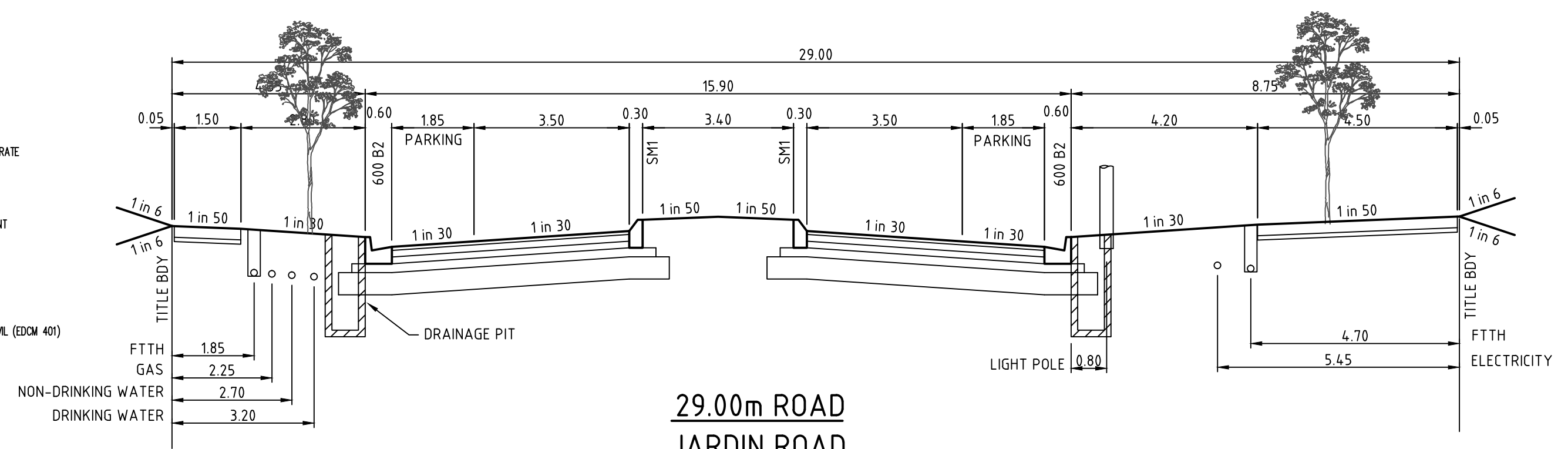
20.60m ROAD VEARINGS ROAD

LOCAL ACCESS STREET - LEVEL 1



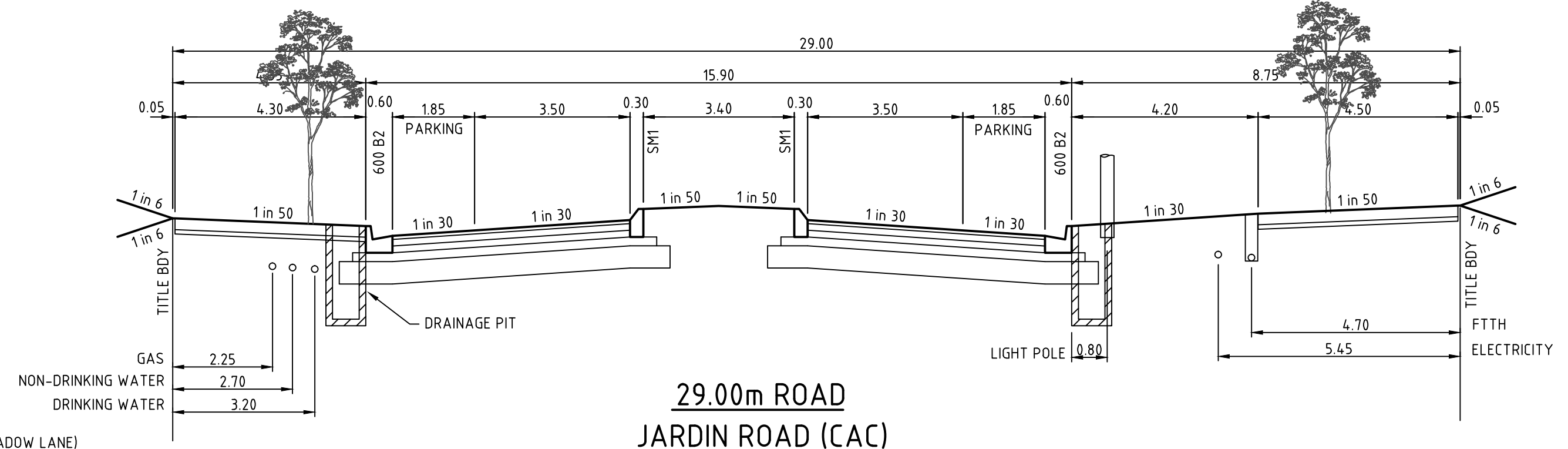
20.00m ROAD GLENWOOD AVENUE

LOCAL ACCESS STREET - LEVEL 1



29.00m ROAD JARDIN ROAD

CONNECTOR STREET



29.00m ROAD JARDIN ROAD (CAC)

CONNECTOR STREET

AS CONSTRUCTED

TYPICAL CROSS SECTIONS

NOT TO SCALE

SYMBOL LEGEND	
Drains	Prop
Sewer < 300	Exist
Sewer > 300	Prop
Potable Water	Prop
Recycled Water	Prop
House Drain	Prop
Property Inlet	Prop
Street Sign	Prop
PSM	Prop
Retaining Wall	Prop
Conduits 50mm	Prop
Conduits 100mm	Prop
Ex Gas/Elect/Tel	Prop

AMENDMENTS	DATE	REMARKS
B	31-03-21	TEMPORARY TURNING CIRCLE RE-LOCATED
A	05-02-21	ISSUED FOR CONSTRUCTION

brees pitt dixon pty. ltd. land surveyors civil engineers		RATHDOWNE ESTATE STAGE 7 LAYOUT PLAN 2, TYPICAL CROSS SECTIONS & DETAILS		MUNICIPALITY WHITTLESEA REFERENCE 9365 E/7	
MELWAY REF.	388 C-10	SURVEY	BPD	DATE	APR '20
DESIGN	M.A.	DRAWN	M.A.	SHEET	2 OF 16
CHECKED		SCALE	AS SHOWN	DATUM	AHD

NOTES

1.

ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH PLANS AND CURRENT CITY OF WHITTLESEA SPECIFICATIONS AND STANDARD DRAWINGS APPROVED BY COUNCIL AND TO THE SATISFACTION OF THE ENGINEER. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
a) SOURCES OF QUARRY MATERIAL
b) N.A.T.A. APPROVED TEST RESULTS FOR THE F.C.R. THAT IS TO BE USED.
c) IF THE SOURCE THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.
2.

COUNCIL TO BE NOTIFIED 2 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
3.

ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
4.

ALL LEVELS ARE TO BE AUSTRALIAN HEIGHT DATUM (AHD)
5.

DRAINAGE AND PITS TO BE SETOUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES.
6.

ALL PIPES TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED AND SHALL BE RRJ UP TO AND INCLUDING 750mm DIAMETER. ALL DRAINS THAT CROSS UNDER ROAD PAVEMENTS ARE TO BE RRJ CLASS 2 R.C.P.
7.

JOINTING FOR CURVED PIPE ALIGNMENT SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS (RRJ'S FOR MINOR DEFLECTIONS OR COMPLETE R.C. BANDAGES)
8.

PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.
9.

LOTS DENOTED THUS 416H ARE TO BE PROVIDED WITH A 100mm HOUSE DRAIN PLACED 5.50m FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN. HOUSE DRAINS TO BE CONNECTED TO STREET DRAINAGE WITH 27A & CAP, CLEAR OF ANY PAVING. IF CONNECTION IS WITHIN PAVING A PIT MUST BE USED.
10.

APPROVED GRANULAR BACKFILL TO BE PROVIDED WHERE PIPE TRENCHES ENCROACH UNDER ROADWAY DUE TO DEEP EXCAVATIONS IN ROCK.
11.

SHALLOW CUT OFF DRAINS ARE TO BE PROVIDED ON SUBDIVISION BOUNDARY WHERE NECESSARY.
12.

WHERE CONCRETE PAVING CROSSES SERVICE TRENCHES, SEWERAGE AND DRAINAGE, TRENCHES SHALL BE BACKFILL WITH COMPACTED FINE CRUSH ROCK.
13.

ALL CROSSOVERS MUST BE 0.75m FROM THE DRAINAGE PITS AND PRAM CROSSINGS. IN ADDITION, THE PRAM CROSSING MUST BE 2m FROM THE DRAINAGE PITS.
14.

PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING ALL RELEVANT REGULATIONS, HAVE BEEN ADDRESSED. IN PARTICULAR, THE REQUIRED NOTIFICATIONS MUST BE CONVEYED TO THE VICTORIAN WORKCOVER AUTHORITY - HEALTH & SAFETY DIVISION WITH RESPECT TO TRENCHING OPERATIONS. DETAILS OF THE CONTRACTORS OCCUPATIONAL HEALTH & SAFETY PROCEDURES MUST BE LODGED WITH THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
15.

AGRICULTURAL PIPE DRAINS 100mm PVC CLASS 4 TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER PITCHERS AND WHERE DIRECTED BY THE ENGINEER (REFER TO COUNCIL STANDARD DRAWINGS). WHERE KERB AND CHANNEL IS LOCATED ON TITLE BOUNDARY AG's ARE TO BE PLACED BENEATH KERB AND 750mm BELOW TOP OF KERB.
16.

ALL DRAINS BEHIND KERB AND CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20mm CLASS 2 F.C.R. COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S. 1289.5.2.1-2003. EXCEPT WHERE DRAINS UP TO AND INCLUDING 450mm DIA. PIPES ARE LOCATED BEHIND KERB, THESE TRENCHES ARE TO BE BACKFILLED WITH SCREENINGS IN LIEU OF AG'S.
17.

AGRICULTURAL DRAINS ARE TO BE 760mm BELOW TOP OF KERB.
18.

BATTERS SHALL BE 1 IN 6 FOR CUT & FILL UNLESS OTHERWISE SHOWN.
19.

ALL NATIVE TREES AND SHRUBS TO BE RETAINED UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL OR REMOVAL IS DIRECTED BY THE ENGINEER.
20.

LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER.
21.

ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF RUBBISH AND SPOIL FROM SITE.
22.

WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED PRIOR TO COMMENCEMENT OF WORKS.
23.

ALL MATERIAL SURROUNDING SERVICE AUTHORITY PITS LOCATED IN FOOTPATHS MUST BE ADEQUATELY COMPACTED IN 150mm LAYERS AND TESTED TO THE SATISFACTION OF THE CITY OF WHITTLESEA, PRIOR TO THE CONSTRUCTION OF FOOTPATH BAYS ADJACENT TO THESE PITS.
24.

THE WATER CONDUIT OFFSET FROM THE LOT BOUNDARY IS GIVEN ON THE WATER RETICULATION PLAN. THE CONTRACTOR MUST CONSTRUCT CONDUITS TO ACCORD WITH THE GIVEN OFFSET AND ENSURE THAT THE CONCRETE MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.
25.

ALL GAS AND WATER CONDUIT TYPES ARE PVC CLASS 12 WITH A 50mm DIAMETER FOR RESIDENTIAL LOTS.
26.

TELSTRA/NBN Co TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE BEING PLACED.
27.

CONDUITS ARE TO BE EXTENDED 450mm BEHIND FACE OF KERB AND TO BE REFERENCED ON FACE OF KERB.
28.

ALL STREET SIGNS TO BE CONSTRUCTED AND ERECTED TO CURRENT CITY OF WHITTLESEA STANDARDS. STREET NAME PLATES TO BE IN ACCORDANCE WITH STANDARD DRAWING S0812, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE.
29.

TRAFFIC CONTROL SIGNS, MARKINGS & DELINEATORS TO BE INSTALLED IN ACCORDANCE WITH AS1742.2. ALL LINE MARKING IS TO BE LONG LIFE ROAD MARKING, WITH LONGITUDINAL LINES IN THERMOPLASTIC & TRANSVERSE MARKINGS IN COLD APPLIED.
30.

ALL DRIVEWAYS TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT (REFER EDCM501) UNLESS OTHERWISE SHOWN.
31.

ALL DRIVEWAY RAMPS INTO PROPERTIES ARE TO BE CUT IN AT A MAXIMUM GRADE OF 1 IN 6.
32.

FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. FILLING TO BE CLEAN CLAY COMPACTED TO A DRY DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1289.5.2.1-1993. TESTING TO COMPLY WITH AS3798-1996 APPENDIX B, LEVEL 1.
33.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION No. 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE SUPERVISING ENGINEER.
34.

FILL REQUIRED UNDER ROADWAY KERB AND CHANNEL AND FOOTPATH TO BE APPROVED GRANULAR MATERIAL COMPACTED TO 95% AASHO IN 150mm LAYERS.

35. PAVEMENT TO CONSIST OF: JARDIN ROAD (750mm DEPTH)

- a) 40mm COMPACTED DEPTH SIZE 14 TYPE H ASPHALT WITH A C320 BINDER (ASPHALT TO BE 5mm PROUD OF LIP OF KERB)
- b) 75mm COMPACTED DEPTH SIZE 20 TYPE SI ASPHALT WITH A C320 BINDER
- c) 75mm COMPACTED DEPTH SIZE 20 TYPE SI ASPHALT WITH A C320 BINDER
- d) 100mm COMPACTED DEPTH OF 20mm NOMINAL SIZE CLASS 2 FCR, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY AND RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT.
- e) 310mm COMPACTED DEPTH OF SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO AT LEAST 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 OF LESS THAN 15%.
- f) 150mm COMPACTED DEPTH OF SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO AT LEAST 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 OF LESS THAN 15%.
- g) SUBGRADE TO CONSIST OF SILTY CLAY COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR≥3.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT

PAVEMENT TO CONSIST OF: MEADOW LANE (600mm DEPTH)

- a) 30mm COMPACTED DEPTH SIZE 10 TYPE N ASPHALT WITH A C320 BINDER
- b) 30mm COMPACTED DEPTH SIZE 10 TYPE N ASPHALT WITH A C320 BINDER
- c) 10mm SAMI SEAL WITH CLASS SI8RF BINDER AND BITUMINUS PRIME
- d) 130mm COMPACTED DEPTH OF 20mm NOMINAL SIZE CLASS 2 FCR, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY AND RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT.
- e) 100mm COMPACTED DEPTH OF 20mm NOMINAL SIZE CLASS 3 FCR, COMPACTED TO AT LEAST 95% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 98% MODIFIED DRY DENSITY AND RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT.
- f) 150mm COMPACTED DEPTH OF SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO AT LEAST 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 OF LESS THAN 15%.
- g) 150mm COMPACTED DEPTH OF SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO AT LEAST 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 OF LESS THAN 15%.
- h) SUBGRADE TO CONSIST OF SILTY CLAY COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR≥3.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT

PAVEMENT TO CONSIST OF: CARMICHAEL DRIVE AND VEARINGS ROAD (600mm DEPTH)

- a) 20mm COMPACTED DEPTH SIZE 7 TYPE L ASPHALT WITH A C320 BINDER
- b) 30mm COMPACTED DEPTH SIZE 10 TYPE N ASPHALT WITH A C320 BINDER
- c) 10mm SAMI SEAL WITH CLASS SI8RF BINDER AND BITUMINUS PRIME
- d) 140mm COMPACTED DEPTH OF 20mm NOMINAL SIZE CLASS 2 FCR, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY AND RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT.
- e) 100mm COMPACTED DEPTH OF 20mm NOMINAL SIZE CLASS 3 FCR, COMPACTED TO AT LEAST 95% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 98% MODIFIED DRY DENSITY AND RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT.
- f) 150mm COMPACTED DEPTH OF SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO AT LEAST 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 OF LESS THAN 15%.
- g) 150mm COMPACTED DEPTH OF SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO AT LEAST 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 OF LESS THAN 15%.
- h) SUBGRADE TO CONSIST OF SILTY CLAY COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR≥3.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT

PAVEMENT TO CONSIST OF: GLENWOOD AVENUE (680mm DEPTH)

- a) 30mm COMPACTED DEPTH SIZE 10 TYPE N ASPHALT WITH A C320 BINDER
- b) 30mm COMPACTED DEPTH SIZE 10 TYPE N ASPHALT WITH A C320 BINDER
- c) 10mm SAMI SEAL WITH CLASS SI8RF BINDER AND BITUMINUS PRIME
- d) 130mm COMPACTED DEPTH OF 20mm NOMINAL SIZE CLASS 2 FCR, COMPACTED TO AT LEAST 100% CHARACTERISTIC MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT.
- e) 140mm COMPACTED DEPTH OF 20mm NOMINAL SIZE CLASS 3 FCR, COMPACTED TO AT LEAST 98% CHARACTERISTIC MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT.
- f) 150mm COMPACTED DEPTH OF SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO AT LEAST 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 OF LESS THAN 15%.
- g) 150mm COMPACTED DEPTH OF SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO AT LEAST 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 OF LESS THAN 15%.
- h) SUBGRADE TO CONSIST OF SILTY CLAY COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR≥3.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT

36. PAVEMENT DEPTH MAY BE MODIFIED AS DIRECTED BY THE ENGINEER.

37. ALL 125mm THICK FOOTPATH CONCRETE PAVING TO BE REINFORCED WITH SL72 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH EDCM STANDARD DRAWING 401.

38. THE CONTRACTOR IS TO ORGANISE AND PAY FOR TESTING OF PAVEMENT BASE COURSE MATERIAL AND FINAL LAYER OF CRUSHED ROCK. A COPY OF RESULTS IS TO BE FORWARDED TO THE DIRECTOR OF ENGINEERING OR HIS REPRESENTATIVE. THE RESULTS MUST MEET THE REQUIREMENTS OF THE CITY OF WHITTLESEA SPECIFICATION BEFORE ANY FURTHER WORKS ARE REQUIRED.

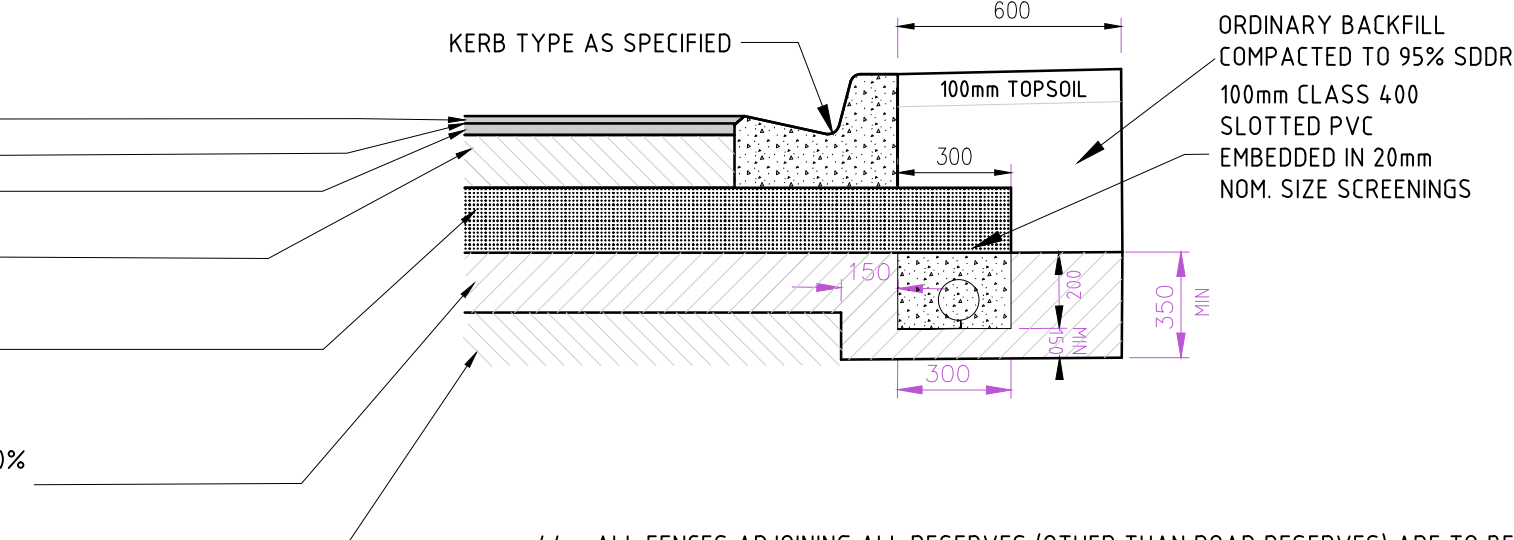
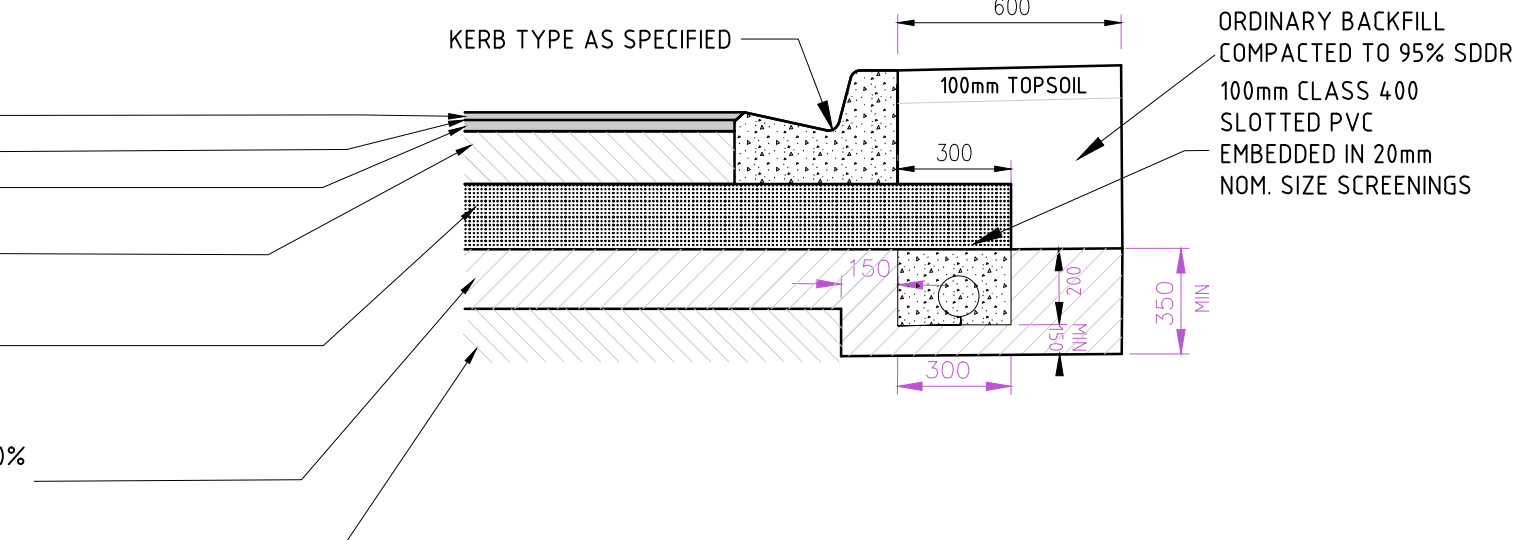
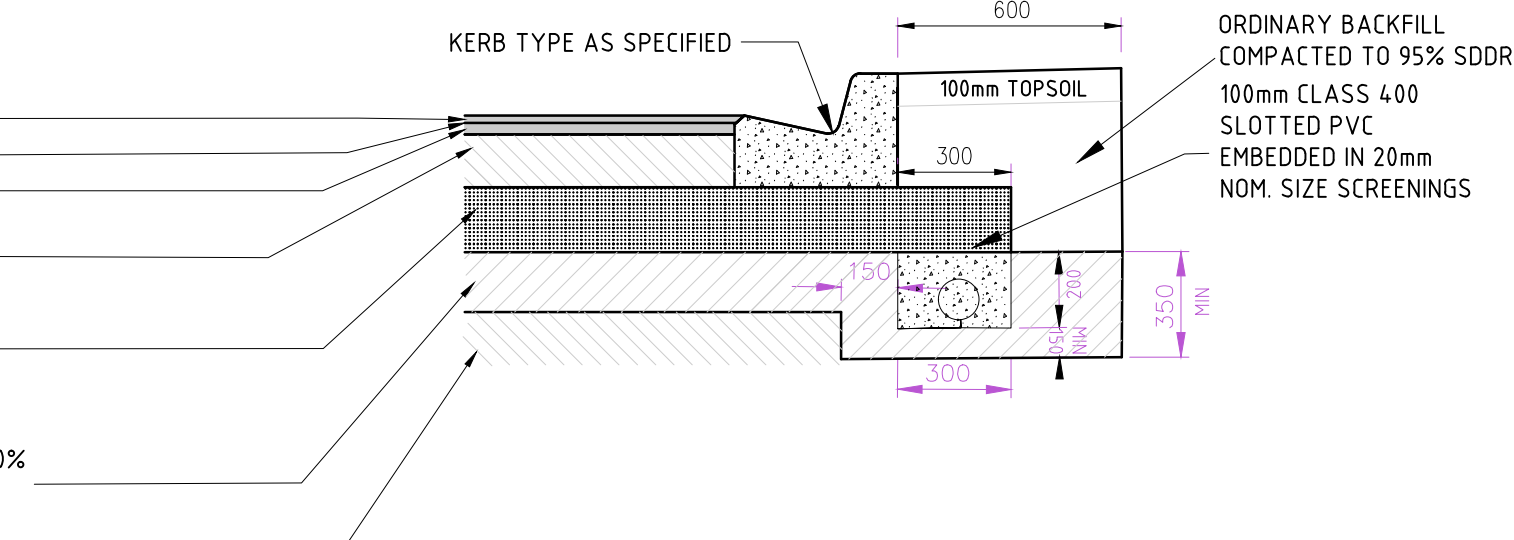
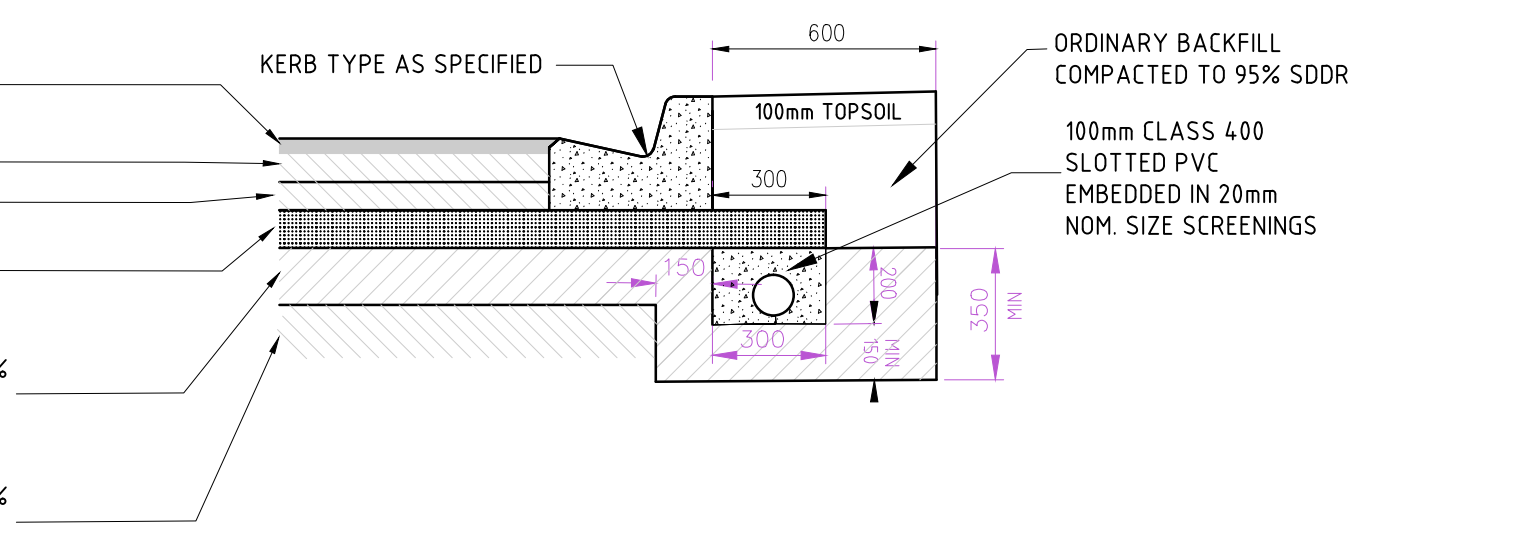
39. THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBM's AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTATEMENT AT THE CONTRACTORS EXPENSE.

40. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR MUST SUBMIT A SMP TO THE DEVELOPER'S CONSULTANT FOR APPROVAL. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION No.275 "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" AND MW SITE ENVIRONMENTAL MANAGEMENT POLICY 3.8.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.

41. ALL FOOTPATHS IN ROADS TO BE OFFSET 50mm FROM PROPERTY BOUNDARY. FOOTPATHS CONSTRUCTED ABOVE EXISTING LEVEL TO BE CONSTRUCTED ON APPROVED FILL (TO AS-3798) OF F.C.R. INTO NATURAL GROUND.

42. REFER TO LANDSCAPE ARCHITECT PLANS FOR DETAILS OF VEHICLE EXCLUSION FENCING AROUND PERIMETER OF WORKS.

43. PRIOR TO COMMENCEMENT OF WORKS A RINGLOCK WIRE MESH FENCE, APPROX 1.8m HIGH, SHALL BE ERECTED AROUND TREES NOTED "TO BE RETAINED". CORNER POSTS TO BE TREATED PINE WITH TREATED PINE STAYS. INTERMEDIATE POSTS TO BE STAR PICKETS AT 3m INTERVALS. EVERY THIRD POST TO BE TREATED PINE. NO CONCRETE IS TO BE USED TO SECURE POSTS. NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY TREE UNTIL APPROVAL IS GIVEN BY THE ENGINEER.



44. ALL FENCES ADJOINING ALL RESERVES (OTHER THAN ROAD RESERVES) ARE TO BE ERECTED BY THE DEVELOPER (OR OWNER) AT NO COST TO COUNCIL AND SHALL BE CONSTRUCTED PRIOR TO STATEMENT OF COMPLIANCE IN ACCORDANCE WITH CONDITION 4.3 OF THE PERMIT.

45. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL SUPERVISING ENGINEER.

46. TACTILE GROUND SURFACE INDICATORS (TGSII) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH AS1428 AND SD320.

47. THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE CHIEF EXECUTIVE OFFICER/OR THEIR REPRESENTATIVE AS PER THE HOLD POINTS IN THE WHITTLESEA CITY COUNCIL SPECIFICATIONS.

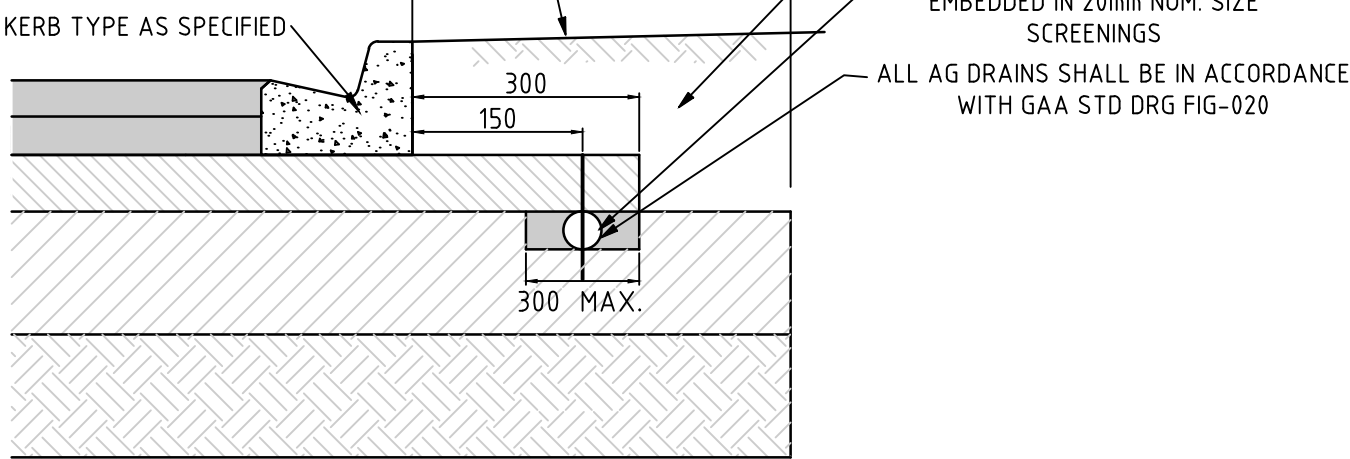
48. THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURE / FENCES AND OR ANY RETAINING WALLS 600mm IN HEIGHT.

49. ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO BE REINSTATED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER / OR THEIR REPRESENTATIVE.

50. AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER / OR THEIR REPRESENTATIVE.

51. ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIRE-FIGHTING PURPOSES" PUBLICATION (DEVELOPED BY C.F.A., M.F.E.S.B. & N.R.E.). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.

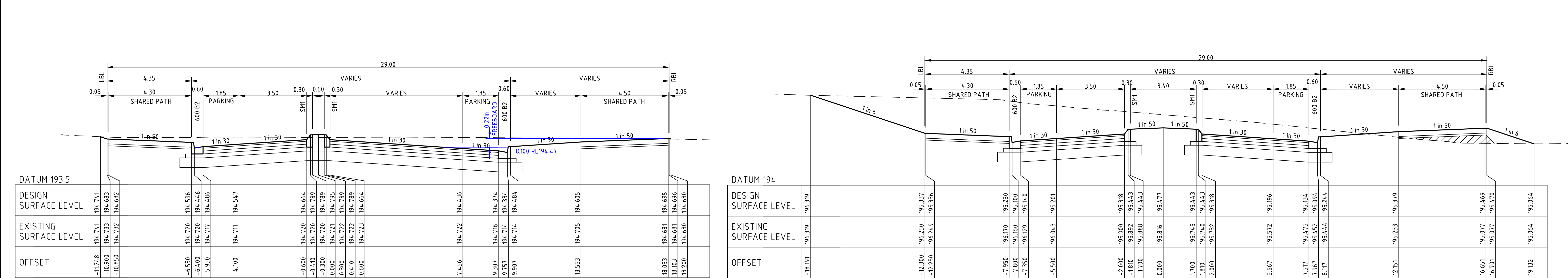
ALL NATURESTRIPS, FROM BACK OF KERB TO EXISTING EDGE OF PATH OR PROPERTY BOUNDARY ARE TO BE FILL TO A CLEAN, TIDY CONDITION, TOP DRESSED (100mm LOAMY TOP SOIL FREE OF CLUMPS, SODS AND CLAY LUMPS) AND HYDROSEEDED.

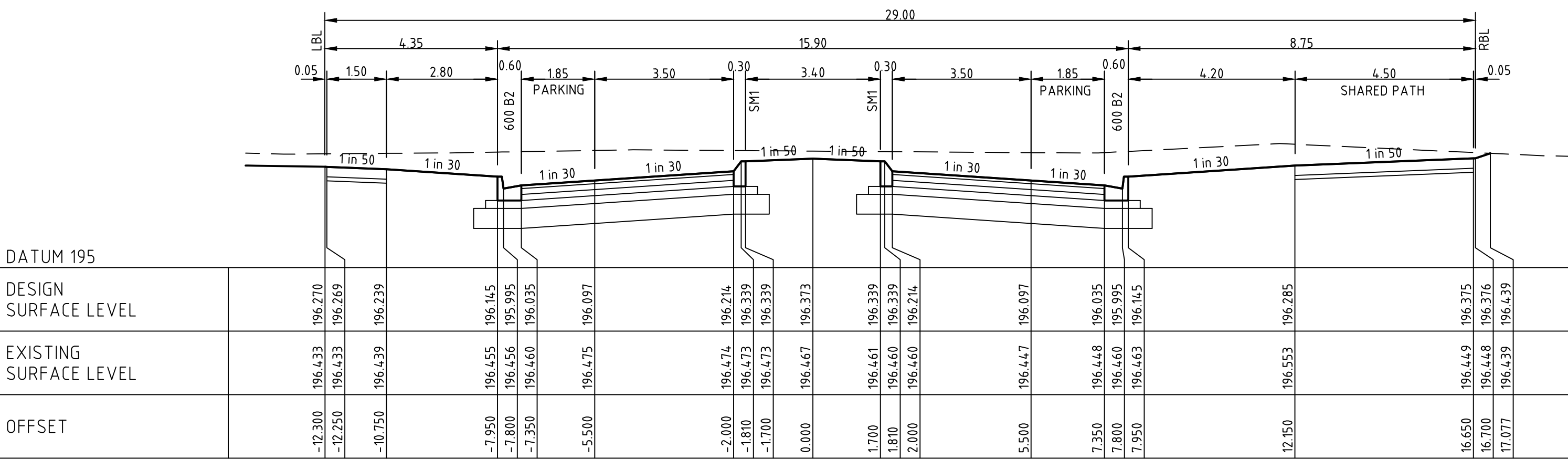


PAVEMENT COMPOSITION
NOT TO SCALE

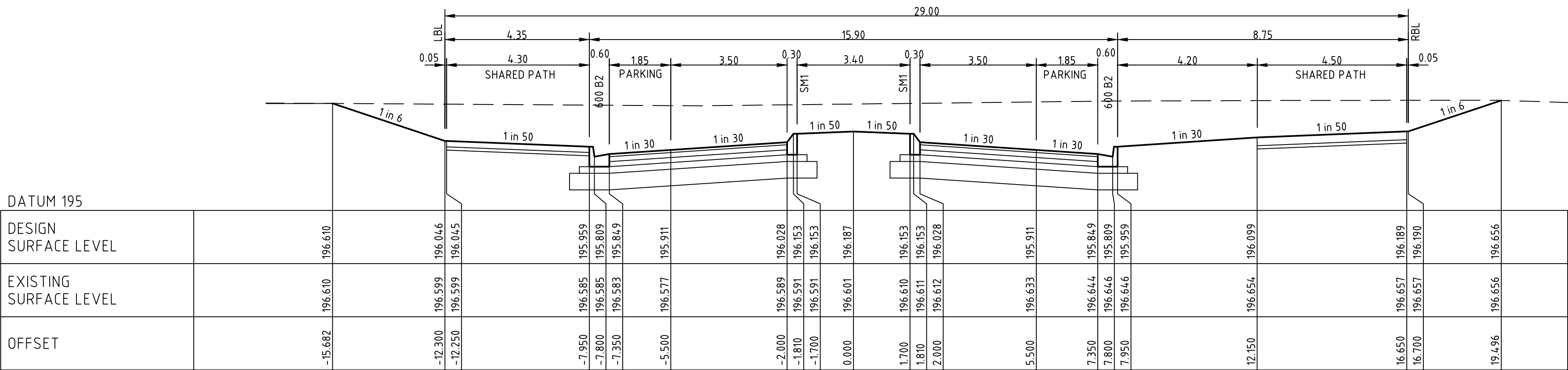
AS CONSTRUCTED

				Council Ref No.:-	
				1/19 cato street hawthorn east, 3123 telephone 0823 2300 fax no. 0823 2310	
				brees pitt dixon pty. ltd. land surveyors civil engineers	
				MELWAY REF. 388 C-10	
				SURVEY BPD	
				DESIGN M.A.	
				DRAWN M.A.	
				CHECKED	
				SCALE AS SHOWN	
				DATUM AHD	
				DATE APR '20	
				SHEET 3 OF 16	
				B	

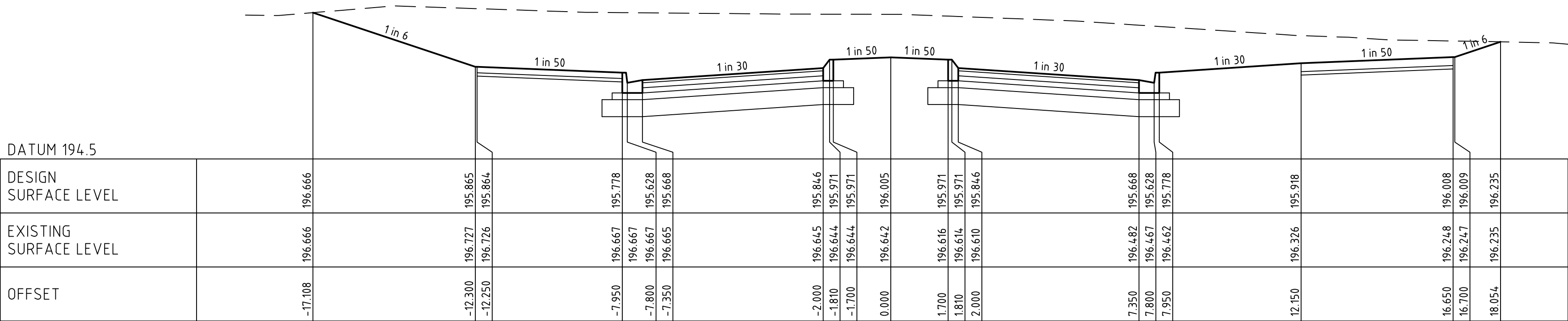




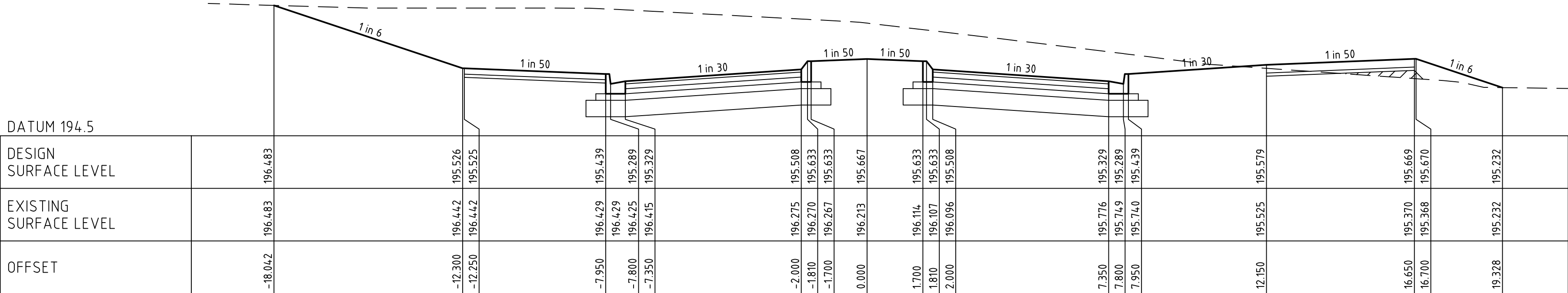
JARDIN ROAD TP's CH 162.049



JARDIN ROAD LTP CH 129.022



JARDIN ROAD TP's CH 100.000



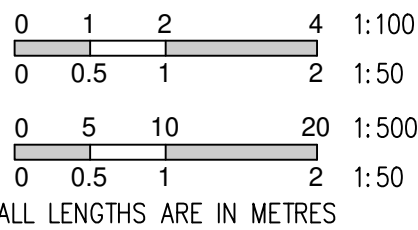
JARDIN ROAD TP's CH 69.600

JARDIN ROAD CROSS SECTIONS

SCALE: H 1:100, V 1:50

AS CONSTRUCTED

CRUSHED ROCK BACKFILL



AMENDMENTS

VER	DATE	REMARKS
A	05-02-21	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.

land surveyors

civil engineers

MELWAY REF.	388 C-10
SURVEY	BPD
DESIGN	M.A.
DRAWN	M.A.
CHECKED	

RATHDOWNE ESTATE

STAGE 7

ROAD CROSS SECTIONS

JARDIN ROAD

SCALE	AS SHOWN
DATUM	AHD
DATE	APR' 20

Council Ref No.-

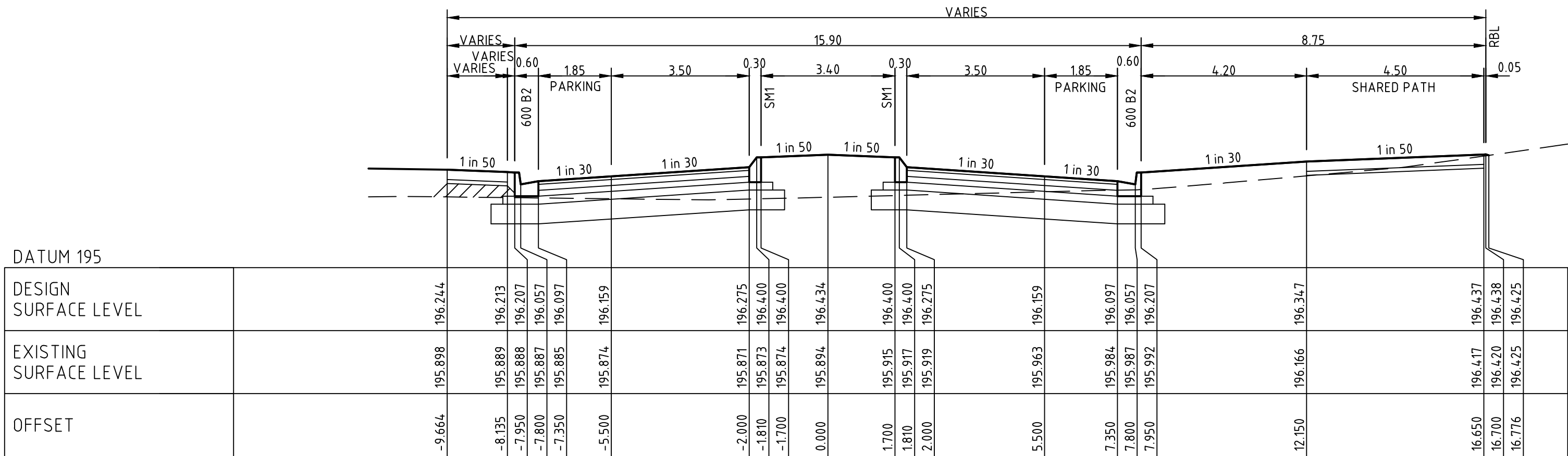
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MUNICIPALITY
WHITTLESEA

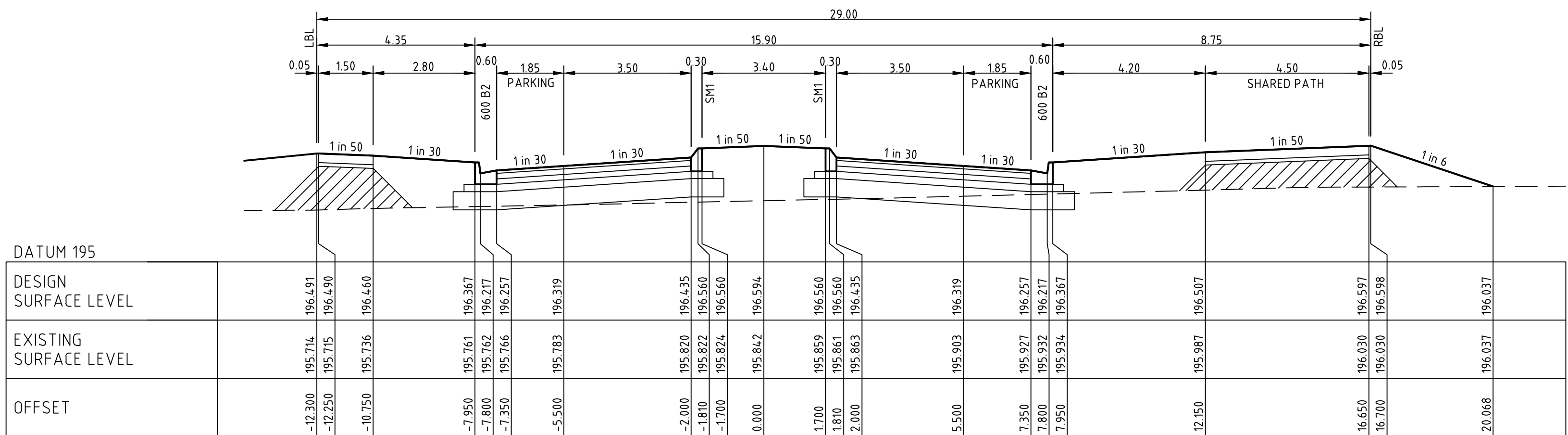
REFERENCE
9365 E/7

SHEET 5 OF 16

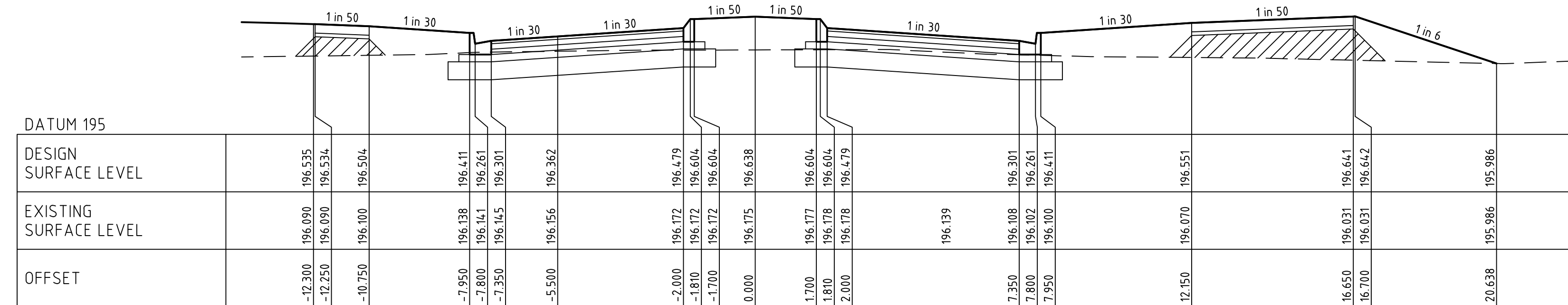
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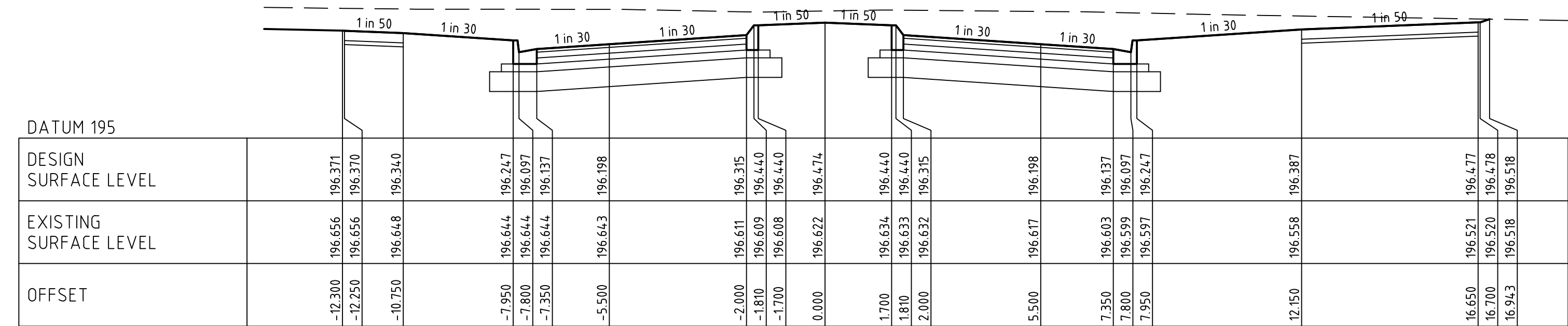
JARDIN ROAD TP's CH 273.506



JARDIN ROAD LTP CH 241.526



JARDIN ROAD RTP CH 215.117



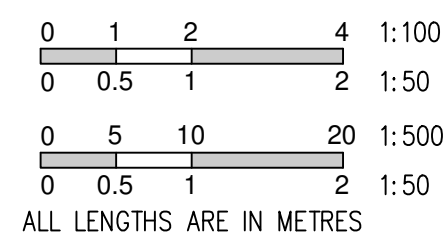
JARDIN ROAD CH 182.349


JARDIN ROAD CROSS SECTIONS

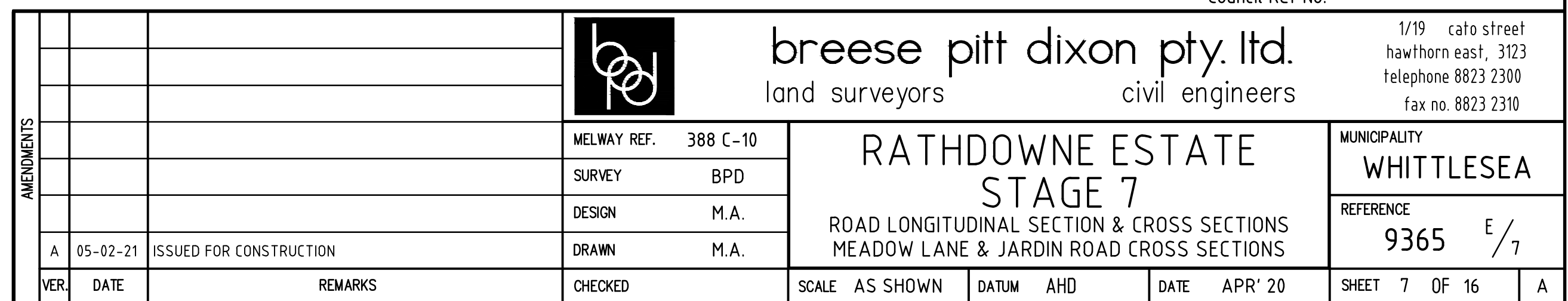
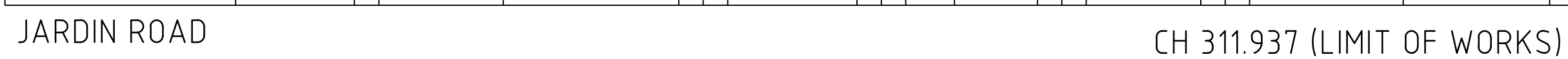
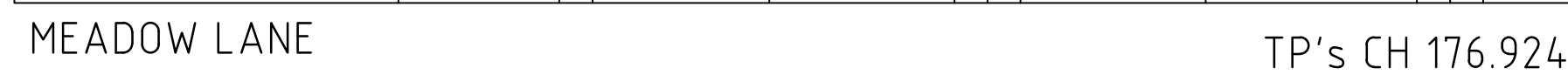
SCALE: H 1:100, V 1:50

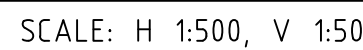
AS CONSTRUCTED

CRUSHED ROCK BACKFILL

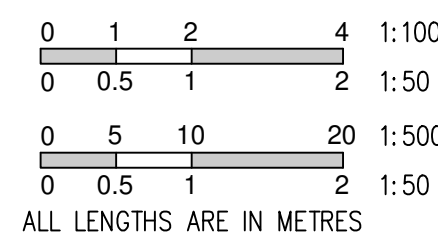



AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers				1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310					
				MELWAY REF.	388 C-10	RATHDOWNE ESTATE STAGE 7 ROAD CROSS SECTIONS JARDIN ROAD				MUNICIPALITY				
				SURVEY	BPD					WHITTLESEA				
				DESIGN	M.A.					REFERENCE				
A	05-02-21	ISSUED FOR CONSTRUCTION	DRAWN	M.A.					9365 E/7					
VER.	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	APR '20	SHEET	6	OF	16	A




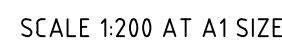


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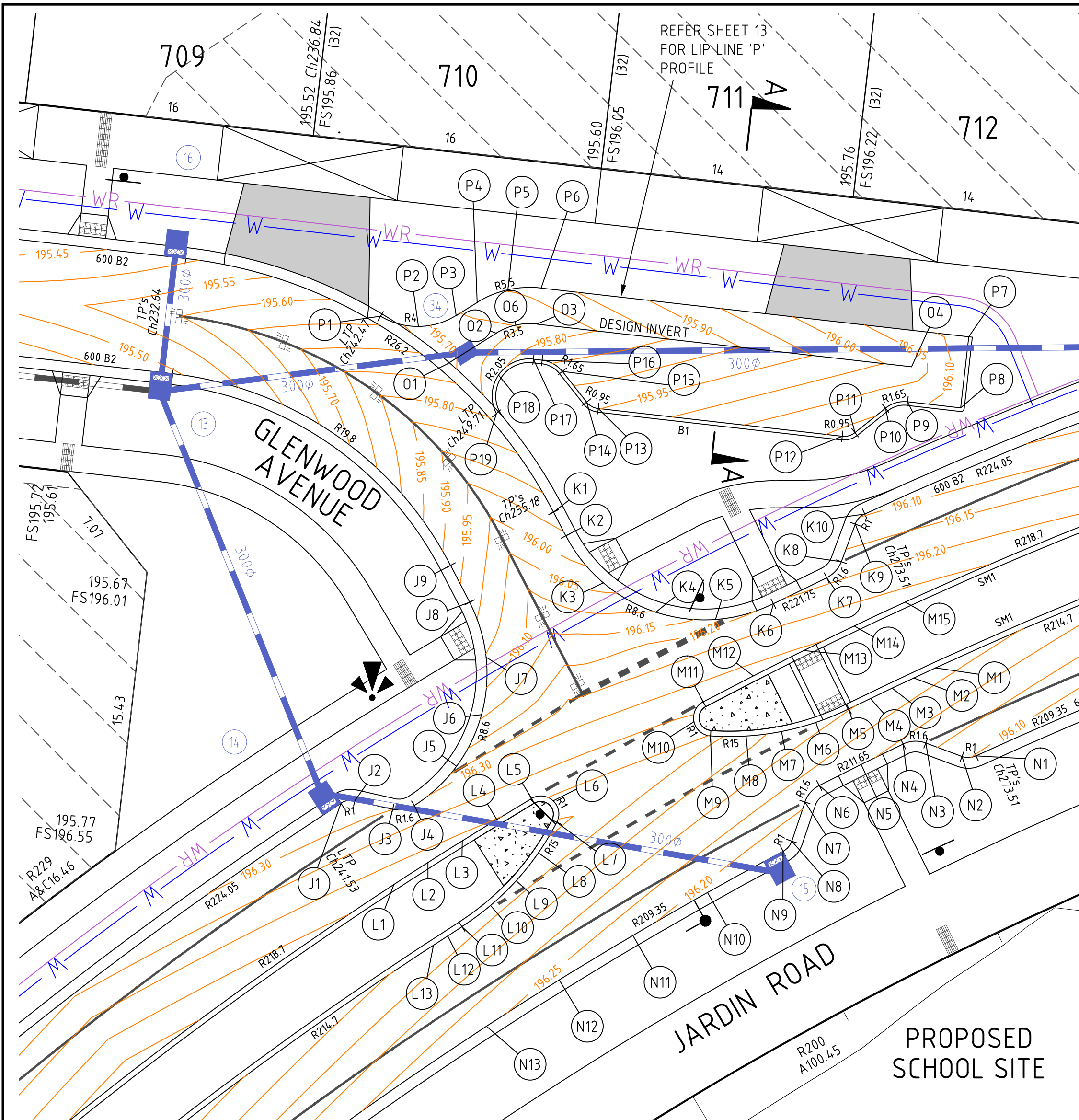


AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers				1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
				MELWAY REF.	388 C-10		RATHDOWNE ESTATE STAGE 7 ROAD LONGITUDINAL SECTION & CROSS SECTIONS GLENWOOD DRIVE				MUNICIPALITY		
			SURVEY	BPD		WHITTLESEA							
			DESIGN	M.A.									
			DRAWN	M.A.									
A	05-02-21	ISSUED FOR CONSTRUCTION								REFERENCE	9365 ^E / ₇		
VER.	DATE	REMARKS		CHECKED	SCALE AS SHOWN		DATUM AHD		DATE	APR' 20	SHEET	8 OF 16	A

AMENDMENTS						breese pitt dixon pty. ltd. land surveyors		
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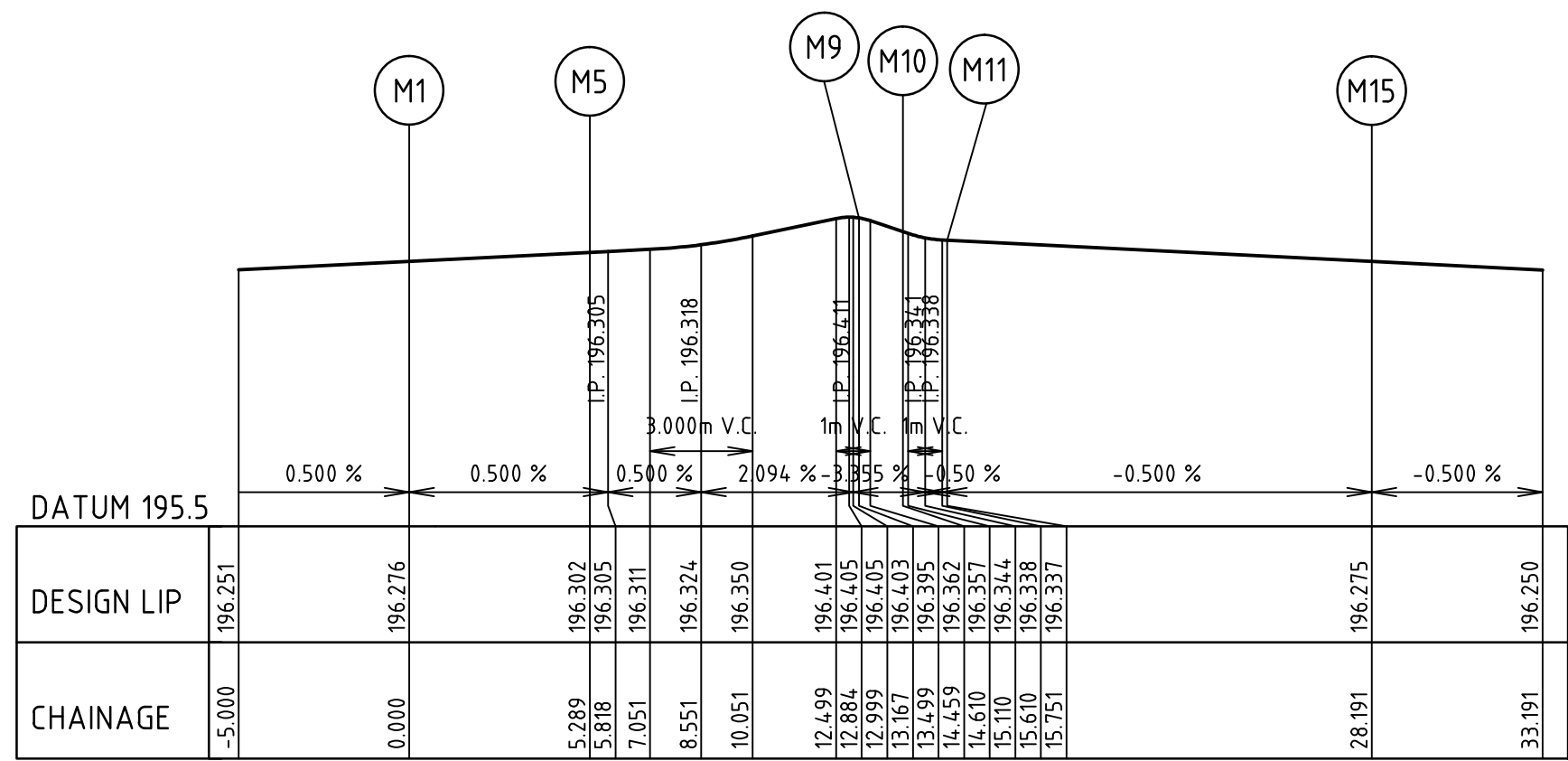


		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 388 C-10		RATHDOWNE ESTATE STAGE 7 INTERSECTION DETAILS - SHEET 1 OF 4		MUNICIPALITY WHITTLESEA	
SURVEY BPD				REFERENCE 9365 E/7	
DESIGN M.A.					
DRAWN M.A.					
CHECKED		CONF. AS SHOWN	DATED APR	DATE APR 20	SHEET 10 OF 16



JARDIN ROAD/GLENWOOD AVENUE INTERSECTION DETAIL

SCALE 1:200 AT A1 SIZE



LIP LINE M

SETOUT TABLE LIP M			
Point	Easting	Northing	RL
M1	322630.225	5836782.682	196.276
M2	322629.025	5836782.126	196.282
M3	322627.829	5836781.563	196.289
M4	322626.636	5836780.993	196.295
M5	322625.447	5836780.415	196.302
M6	322623.626	5836779.667	196.312
M7	322621.723	5836779.164	196.334
M8	322619.771	5836778.914	196.374
M9	322617.803	5836778.922	196.403
M10	322616.895	5836779.712	196.362
M11	322617.404	5836780.803	196.337
M12	322620.162	5836782.241	196.322
M13	322622.940	5836783.639	196.306
M14	322625.738	5836784.998	196.291
M15	322628.554	5836786.317	196.275

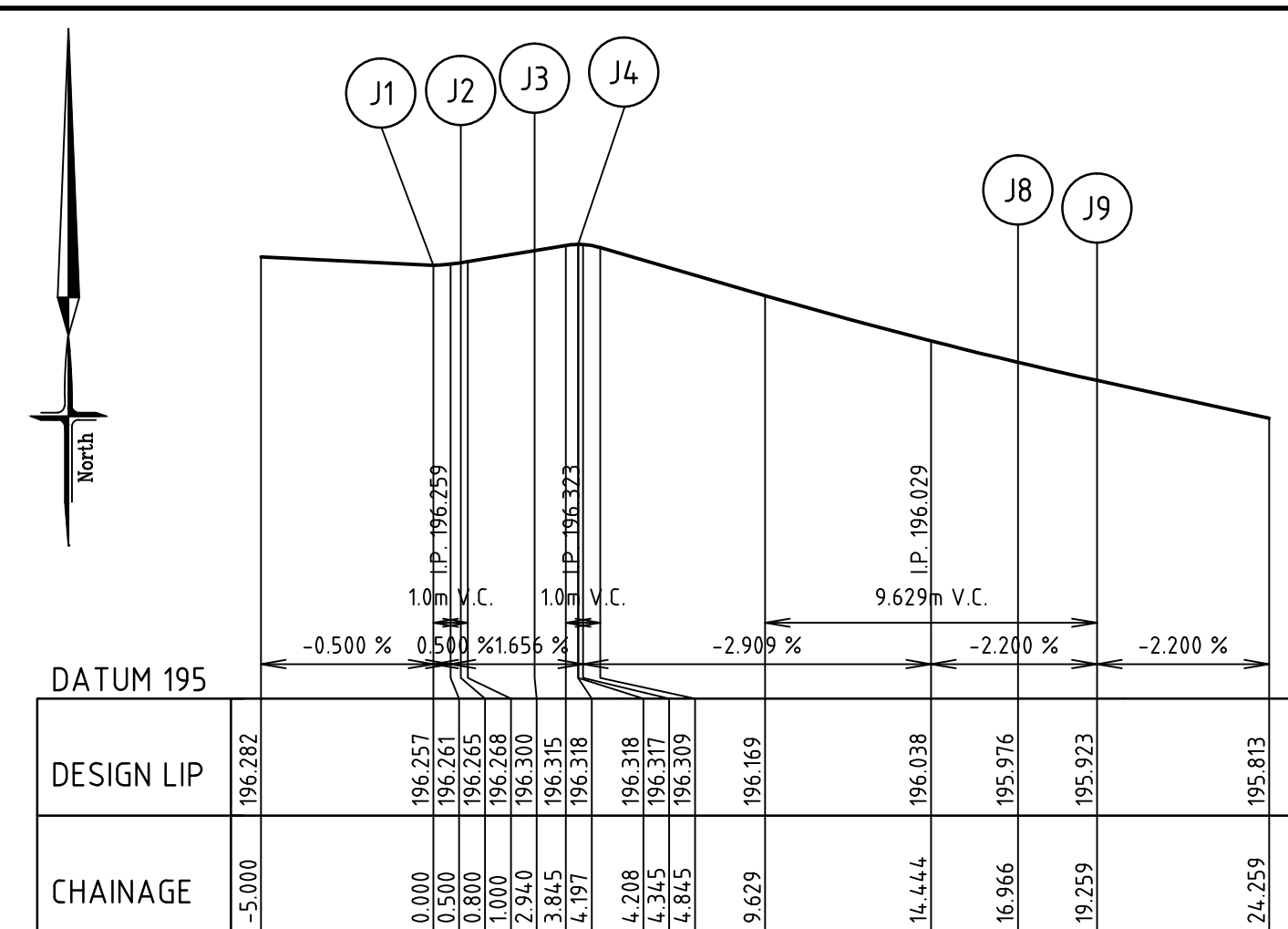
WARNING

BEWARE OF UNDERGROUND SERVICES

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

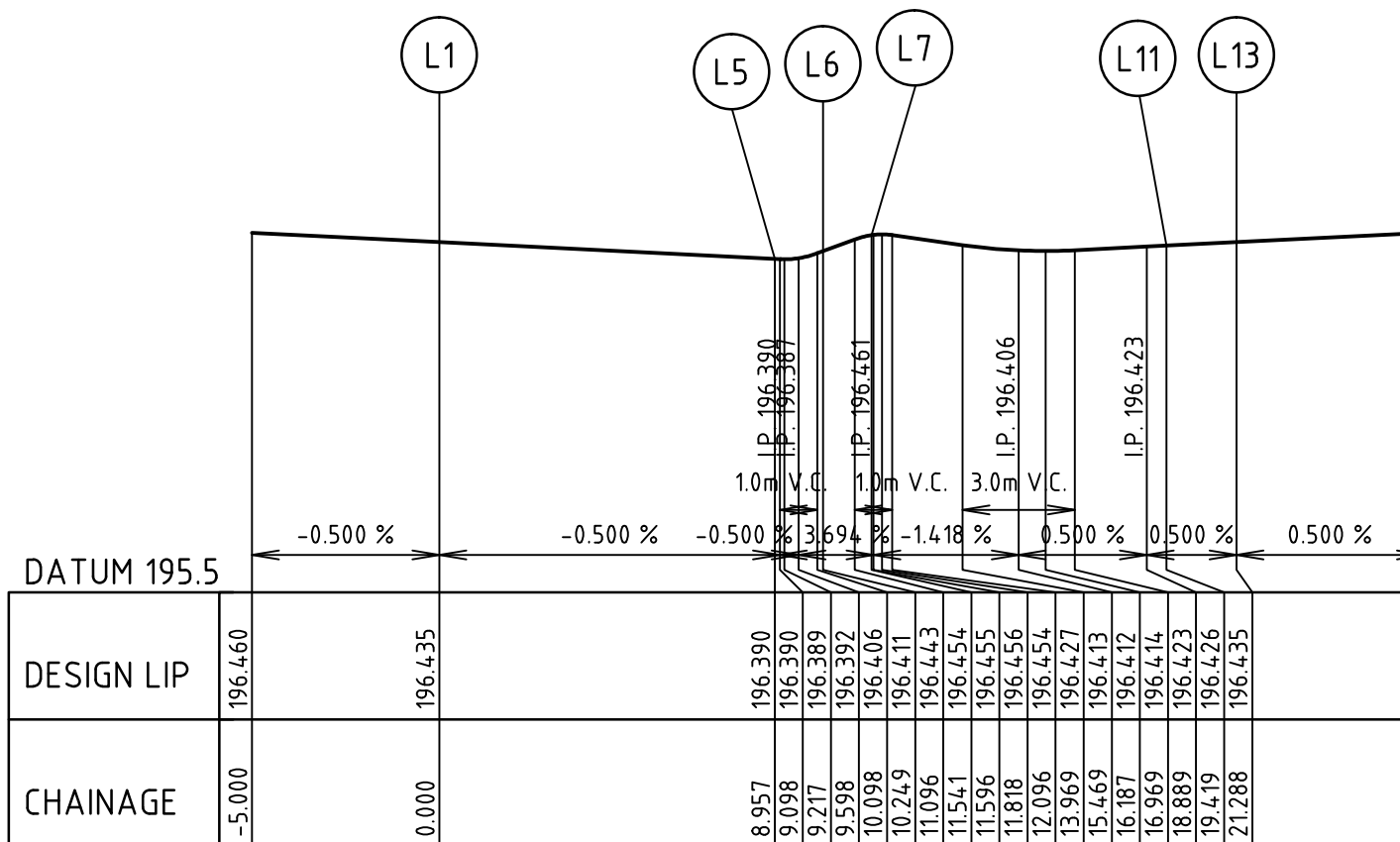
NOTES:

1. ALL KERB AND CHANNEL TO BE AS SPECIFIED.
2. ALL CHAINAGES ARE SQUARE TO CENTERLINE OF ROAD PAVEMENT.
3. ALL SETOUT TO LIP OF KERB UNLESS OTHERWISE SHOWN.
4. KERB LEVELS ARE TO LIP OF KERB.
5. CONDUITS NOT SHOWN FOR CLARITY.

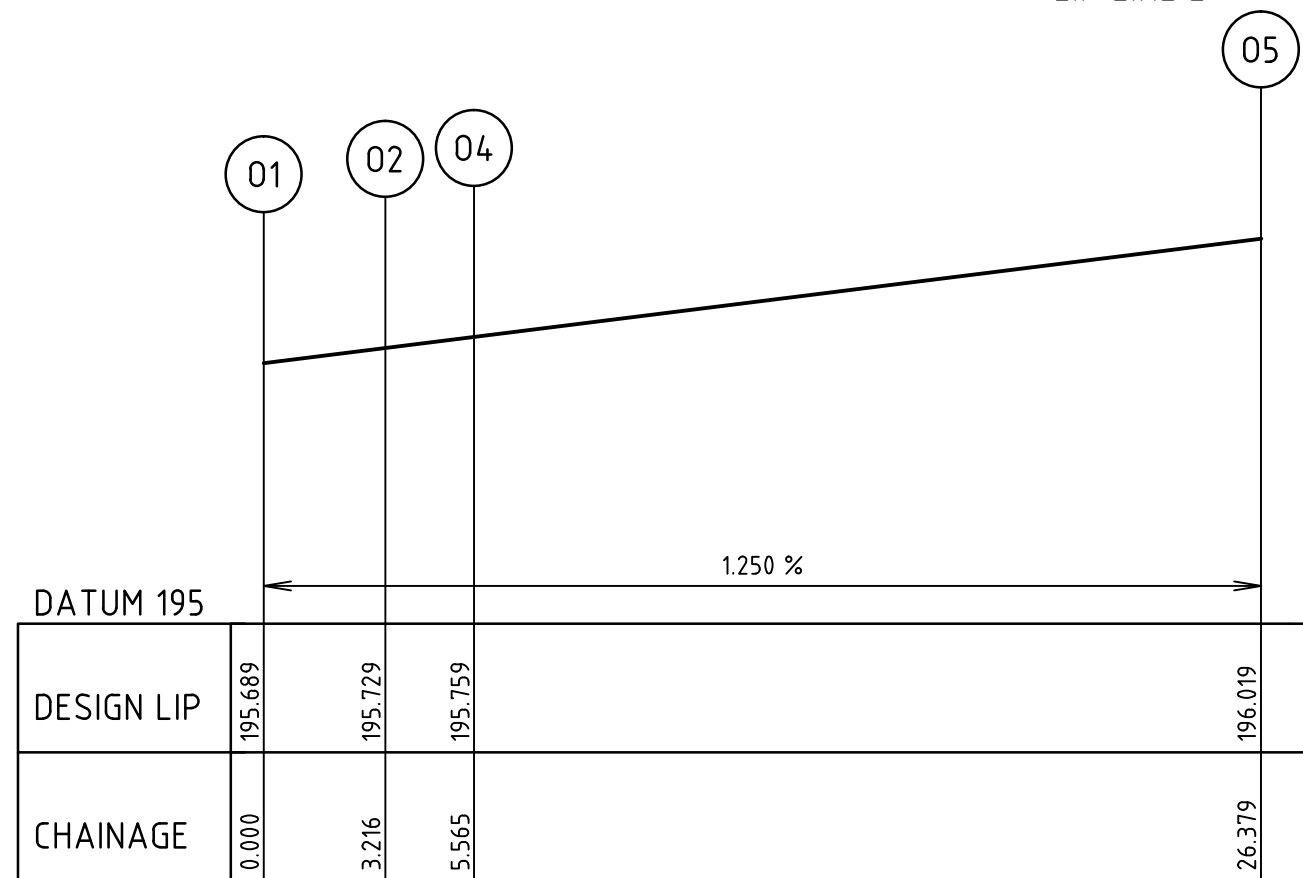


LIP LINE J

SETOUT TABLE LIP J			
Point	Easting	Northing	RL
J1	322597.402	5836775.208	196.257
J2	322598.169	5836775.346	196.265
J3	322600.256	5836774.874	196.300
J4	322601.463	5836775.082	196.318
J5	322603.788	5836777.243	196.235
J6	322605.170	5836780.100	196.142
J7	322605.422	5836783.264	196.055
J8	322604.510	5836786.304	195.976
J9	322603.456	5836788.341	195.923



LIP LINE L



LIP LINE O

SETOUT TABLE LIP O			
Point	Easting	Northing	RL
O1	322603.247	5836799.450	195.689
O2	322605.976	5836801.152	195.729
O3	322607.057	5836801.596	195.744
O4	322608.224	5836801.660	195.759
O5	322628.905	5836799.305	196.019

SYMBOL LEGEND

Drains
Sewer < 300
Sewer > 300
Potable Water
Recycled Water
House Drain
Property Inlet
Street Sign
PSM
Retaining Wall
Conduits 50mm
Conduits 100mm
Ex Gas/Elect/Tel

Exist Surface Level
Prop Surface Level
Prop Top Batter Level
Prop Toe Batter Level
Prop Top Retaining Wall Level
Fill > 150mm
Cut > 150mm

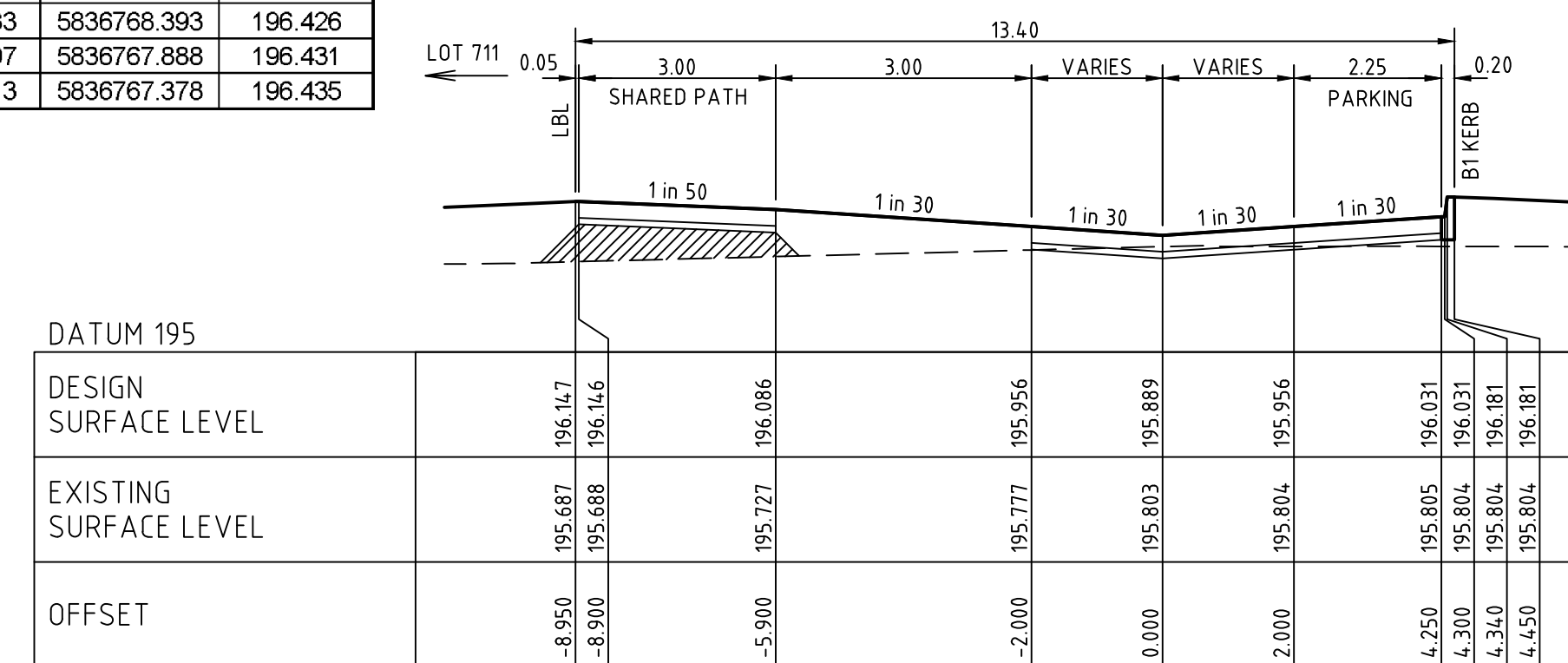
AS CONSTRUCTED

SETOUT TABLE LIP L			
Point	Easting	Northing	RL
L1	322600.327	5836770.728	196.435
L2	322602.208	5836771.942	196.424
L3	322604.101	5836773.137	196.413
L4	322606.007	5836774.313	196.402
L5	322607.925	5836775.469	196.390
L6	322609.122	5836775.339	196.411
L7	322609.325	5836774.152	196.454
L8	322608.311	5836772.466	196.434
L9	322607.084	5836770.926	196.413
L10	322605.667	5836769.561	196.416
L11	322604.083	5836768.393	196.426
L12	322603.297	5836767.888	196.431
L13	322602.513	5836767.378	196.435

LIP PROFILES

SCALE 1:200 AT A1 SIZE

0 0.2 0.4 0.8 1.20
ALL LENGTHS ARE IN METRES

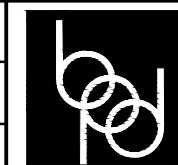


TYPICAL SECTION A-A (THROUGH EXTENDED DRIVEWAY)

SCALE: H 1:100, V 1:50

0 1 2 4 1:100
0 0.5 1 2 1:50
ALL LENGTHS ARE IN METRES

Council Ref No. -



breese pitt dixon pty. ltd.
land surveyors
civil engineers

MELWAY REF. 388 C-10

SURVEY BPD

DESIGN M.A.

DRAWN M.A.

RATHDOWNE ESTATE
STAGE 7

INTERSECTION DETAILS - SHEET 3 OF 4

MUNICIPALITY

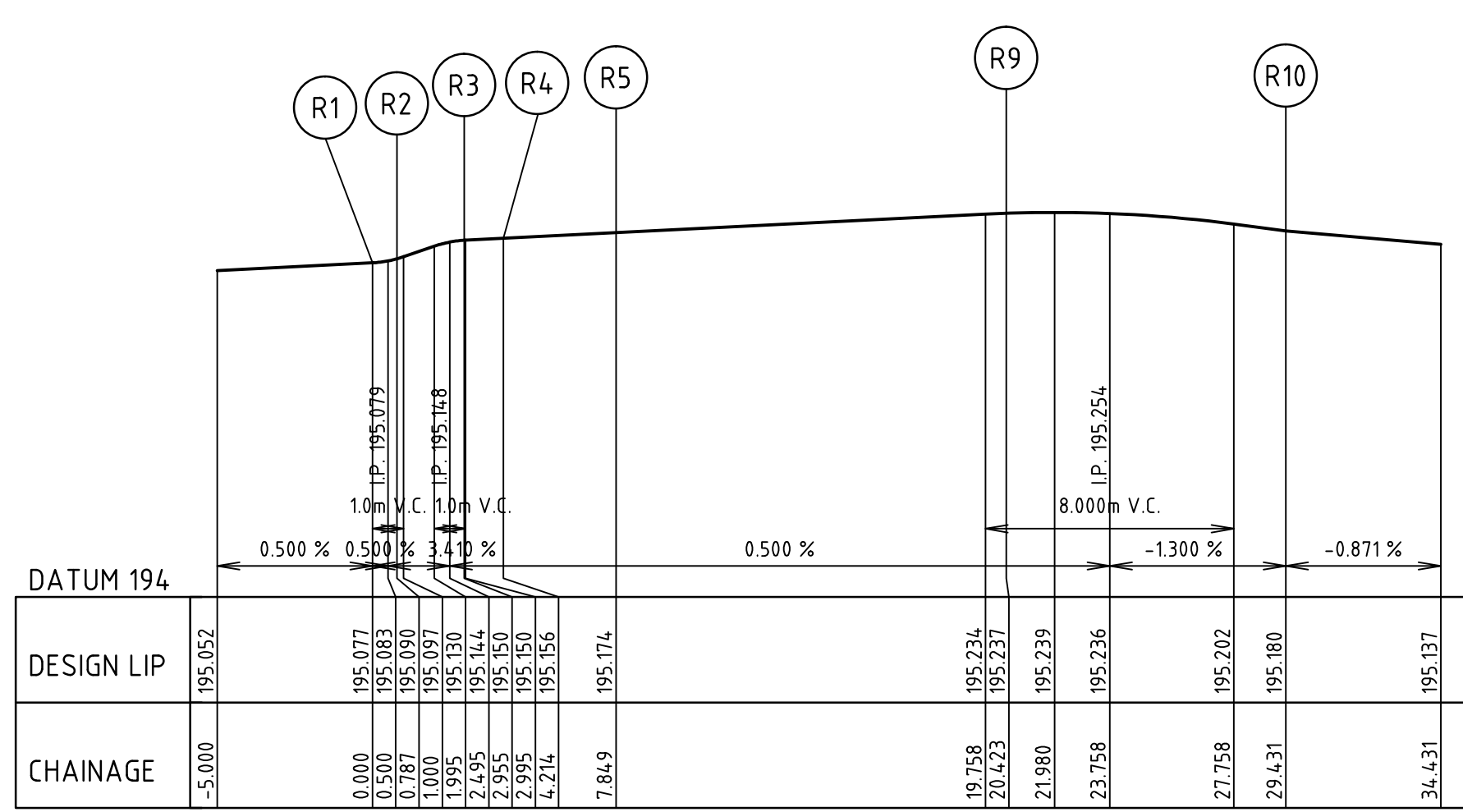
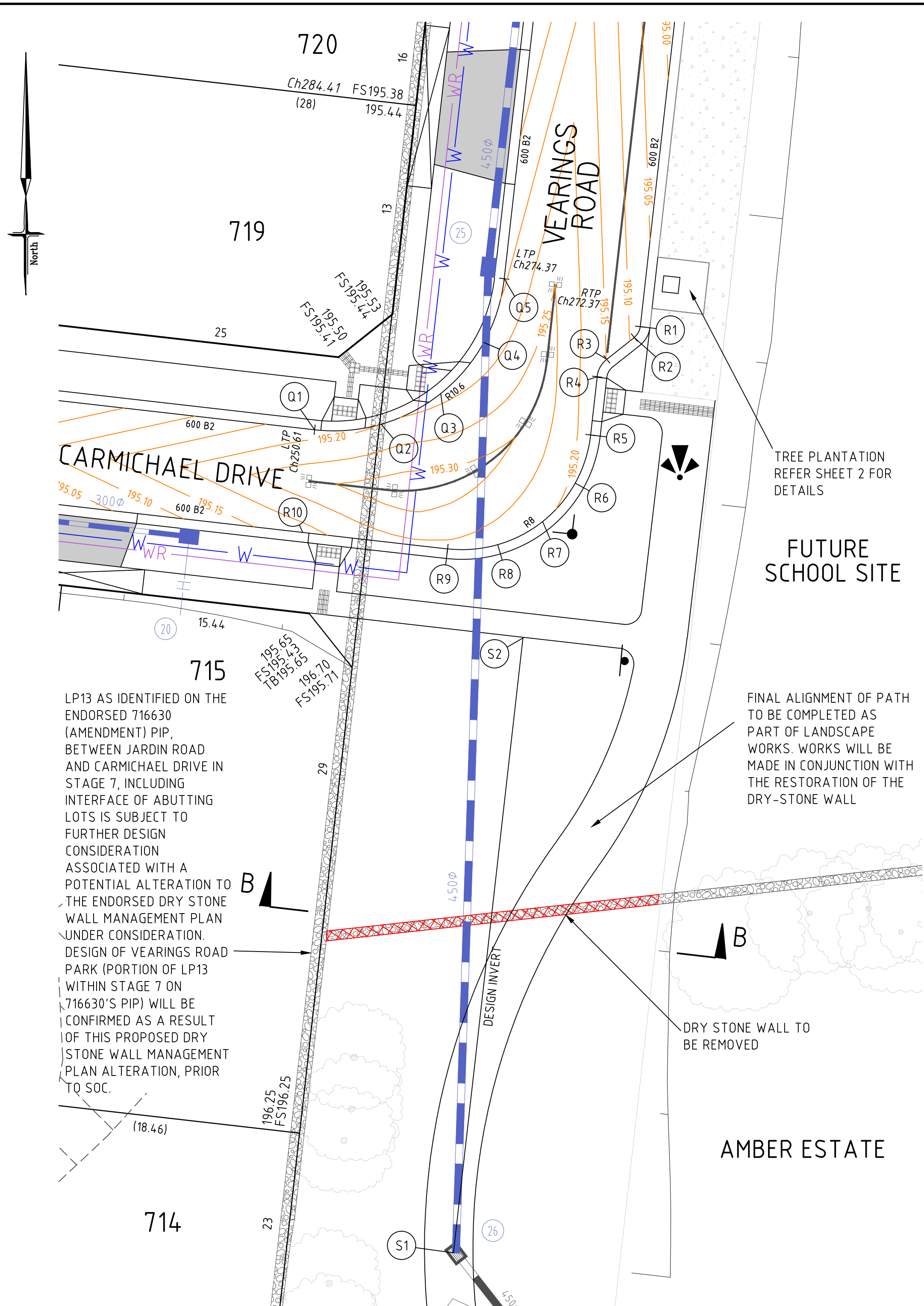
WHITTLESEA

REFERENCE

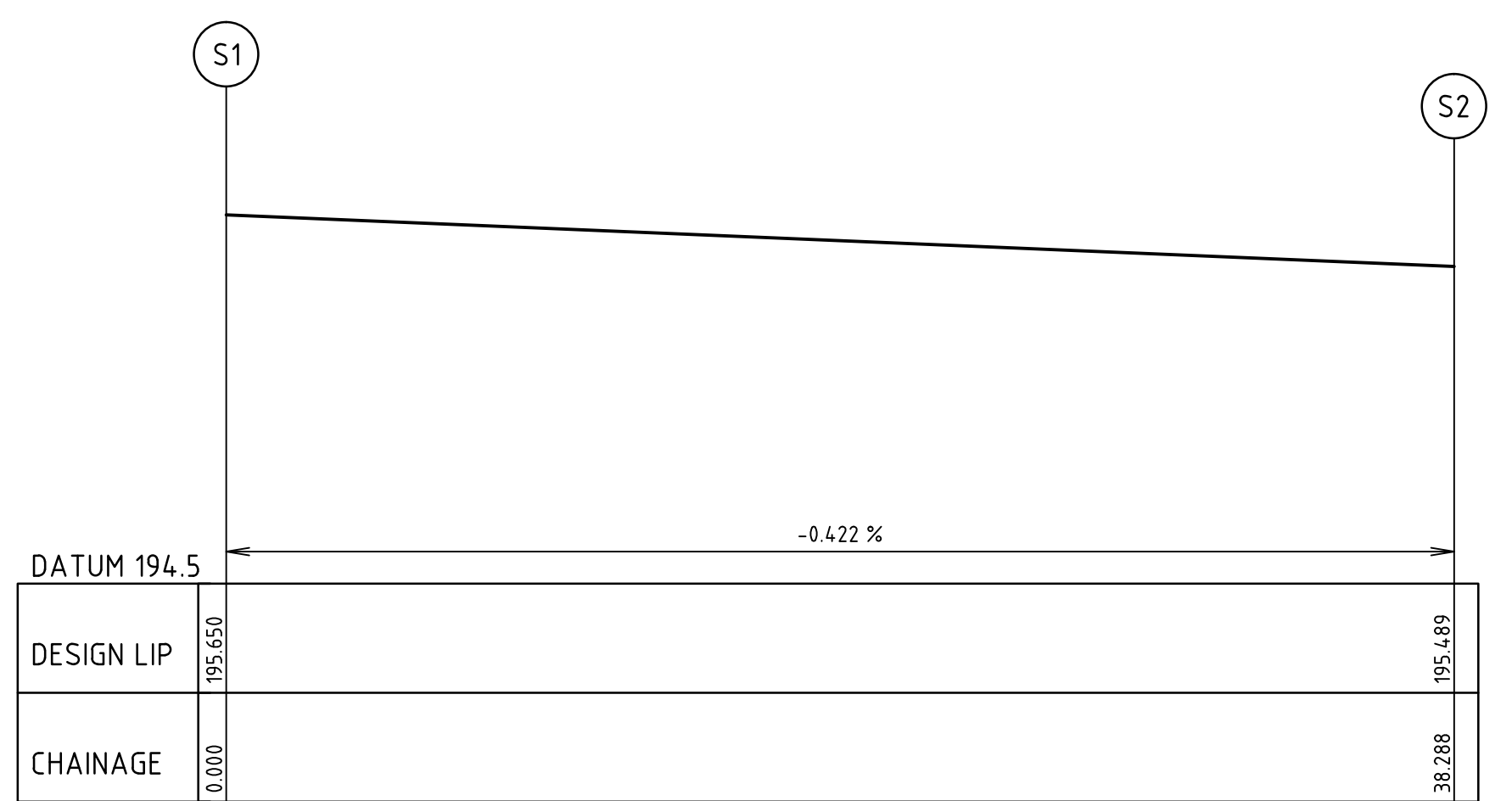
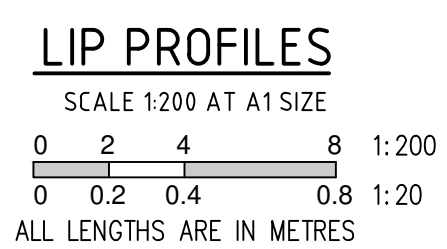
9365 E/7

SHEET 12 OF 16

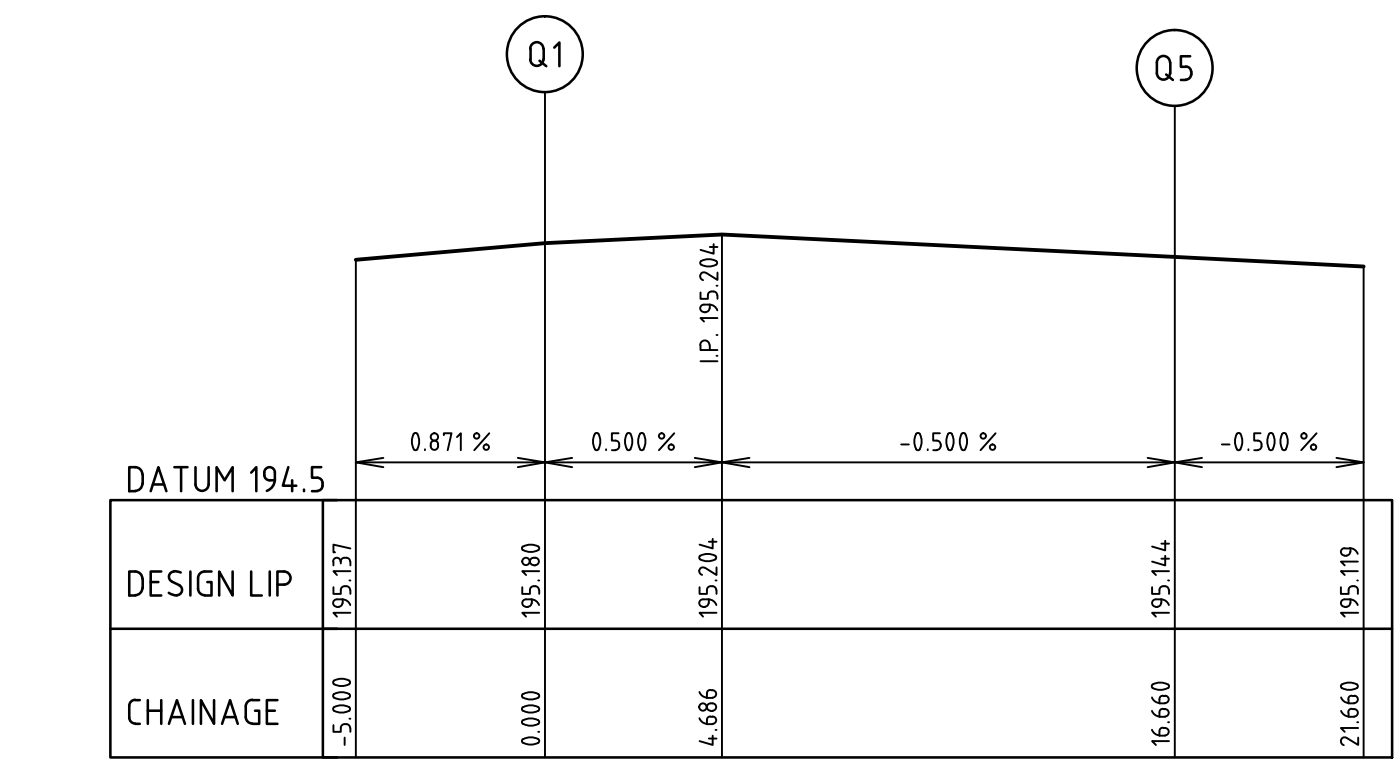
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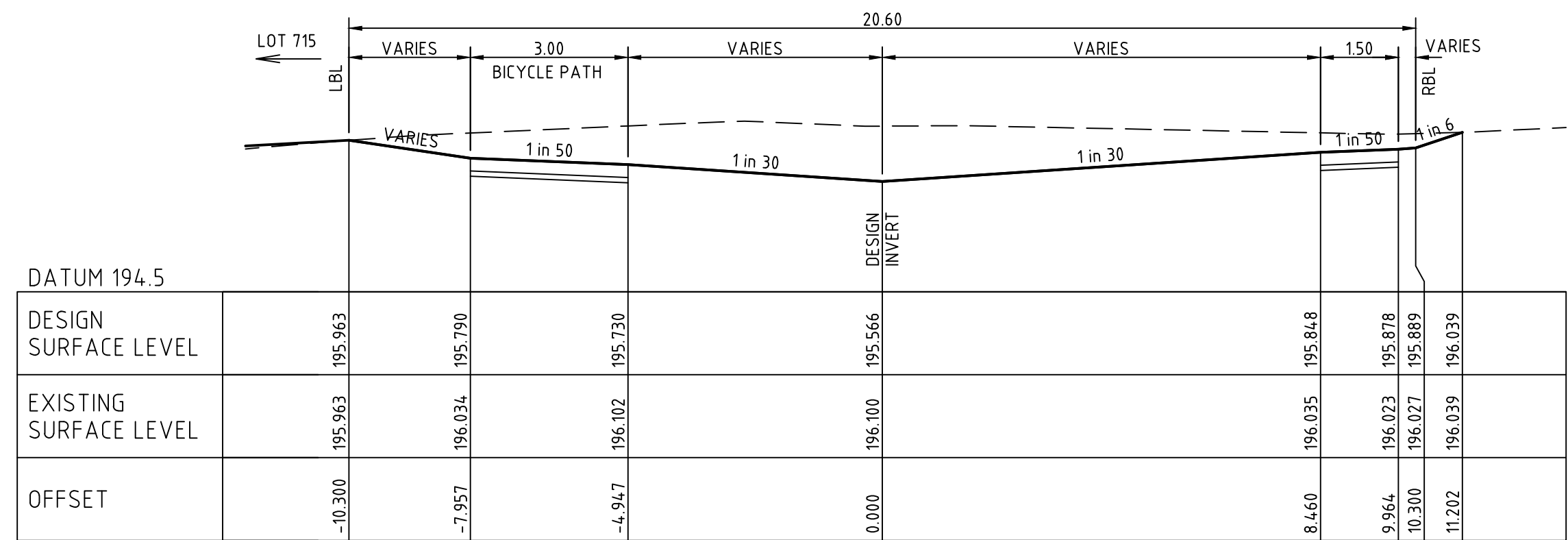
SETOUT TABLE LIP R			
Point	Easting	Northing	RL
R1	322698.548	5836884.892	195.077
R2	322698.176	5836884.221	195.090
R3	322696.478	5836882.873	195.150
R4	322695.884	5836881.800	195.156
R5	322695.476	5836878.188	195.174
R6	322694.526	5836875.212	195.190
R7	322692.509	5836872.827	195.206
R8	322689.733	5836871.396	195.221
R9	322686.621	5836871.137	195.237
R10	322677.671	5836872.156	195.180



SETOUT TABLE LIP S			
Point	Easting	Northing	RL
S1	322686.991	5836827.577	195.650
S2	322691.290	5836865.624	195.489

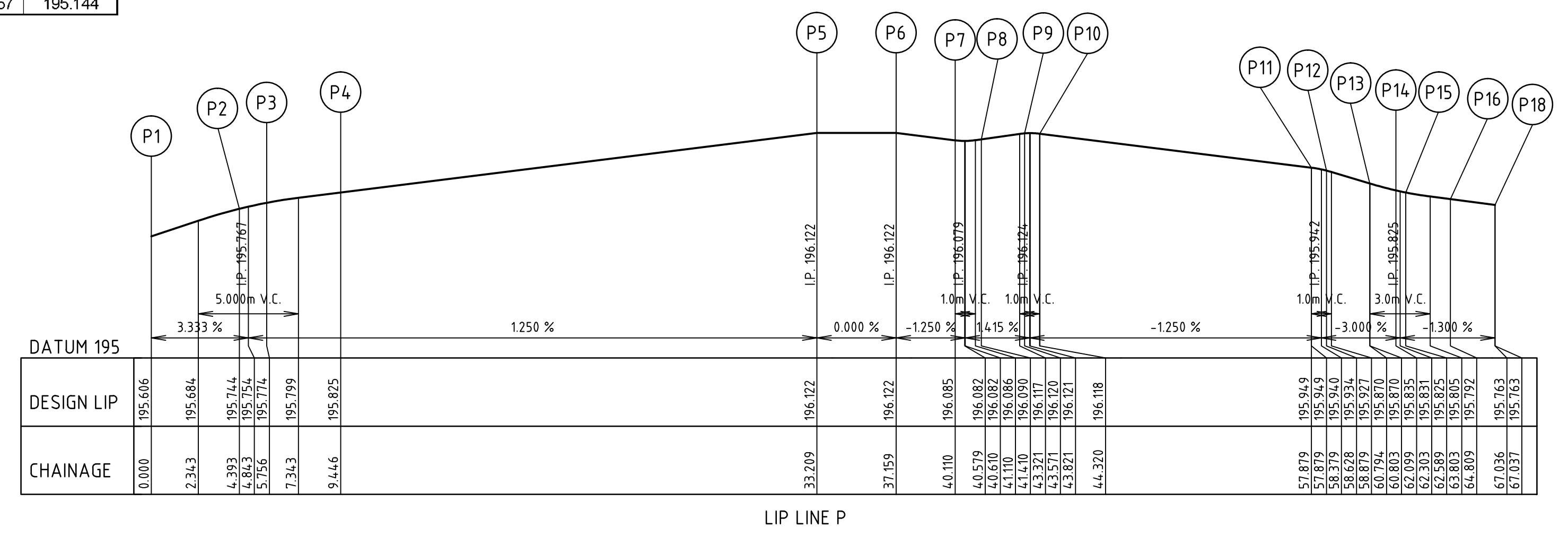


SETOUT TABLE LIP Q			
Point	Easting	Northing	RL
Q1	322678.395	5836878.515	195.180
Q2	322682.519	5836878.859	195.201
Q3	322686.197	5836880.755	195.185
Q4	322688.869	5836883.915	195.164
Q5	322690.127	5836887.857	195.144



TYPICAL SECTION B-B (THROUGH RESERVE)
SCALE: H 1:100, V 1:50
0 1 2 4 1:100
0 0.5 1 2 1:50
ALL LENGTHS ARE IN METRES

SETOUT TABLE LIP P			
Point	Easting	Northing	RL
P1	322599.587	5836802.093	195.606
P2	322601.680	5836801.523	195.679
P3	322603.763	5836802.128	195.744
P4	322604.919	5836802.849	195.774
P5	322606.618	5836803.547	195.802
P6	322608.452	5836803.647	195.825
P7	322632.062	5836800.959	196.122
P8	322631.615	5836797.034	196.122
P9	322628.684	5836797.368	196.085
P10	322627.466	5836797.016	196.090
P11	322625.780	5836795.666	196.120
P12	322625.079	5836795.463	196.118
P13	322611.607	5836796.997	195.949
P14	322610.969	5836797.352	195.934
P15	322609.626	5836799.052	195.870
P16	322608.514	5836799.668	195.835
P17	322608.027	5836799.723	195.825
P18	322606.105	5836798.839	195.792
P19	322605.985	5836796.726	195.763



- NOTES:
- ALL KERB AND CHANNEL TO BE AS SPECIFIED.
 - ALL CHAINAGES ARE SQUARE TO CENTERLINE OF ROAD PAVEMENT.
 - ALL SETOUT TO LIP OF KERB UNLESS OTHERWISE SHOWN.
 - KERB LEVELS ARE TO LIP OF KERB.
 - CONDUITS NOT SHOWN FOR CLARITY.

WARNING
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AS CONSTRUCTED

SYMBOL LEGEND

Drains
Sewer < 300
Sewer > 300
Potable Water
Recycled Water
House Drain
Property Inlet
Street Sign
PSM
Retaining Wall
Conduits 50mm
Conduits 100mm
Ex Gas/Elect/Tel

Prop
Exist

Exist Surface Level
Prop Surface Level
Prop Top Batter Level
Prop Toe Batter Level
Prop Top Retaining Wall Level

Fill > 150mm
Cut > 150mm

breese pitt dixon pty. ltd.
land surveyors
civil engineers

Council Ref No. -

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

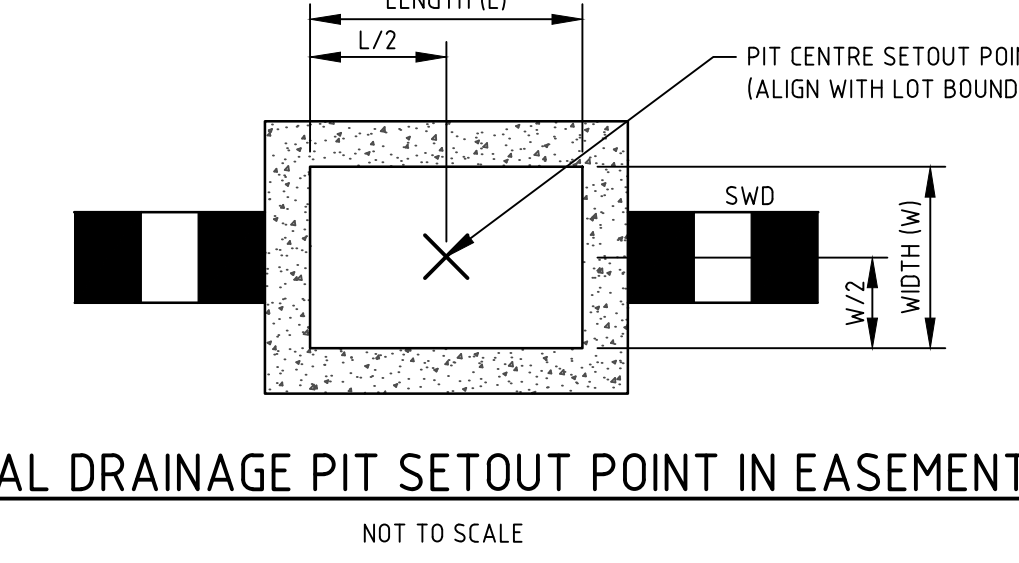
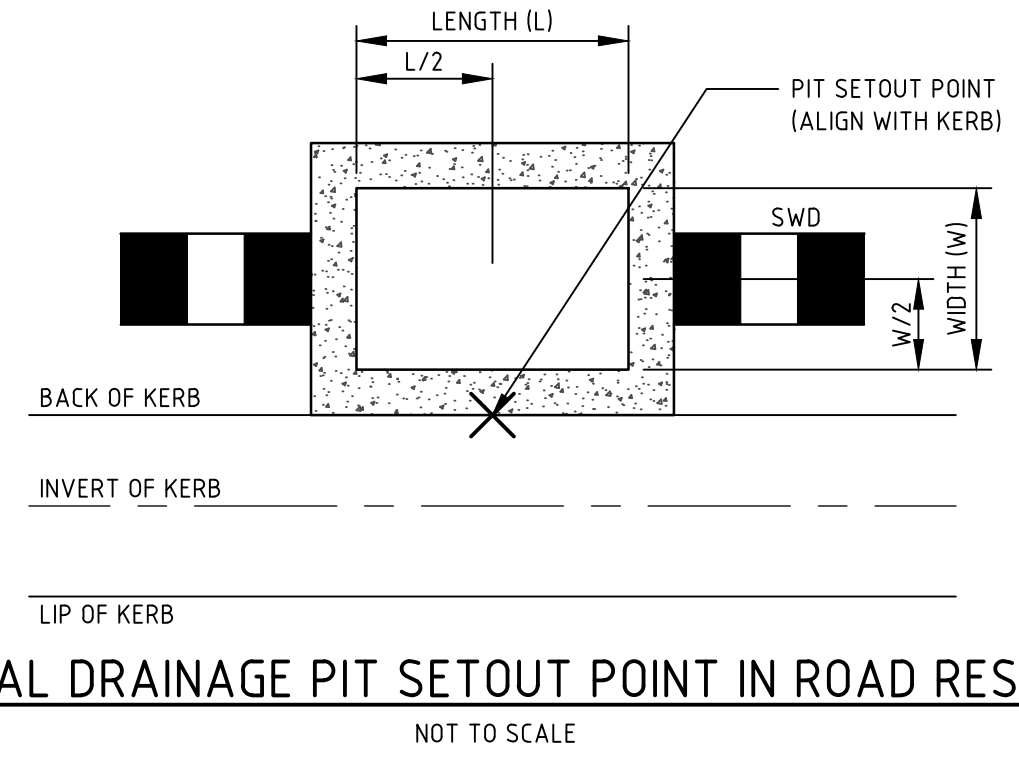
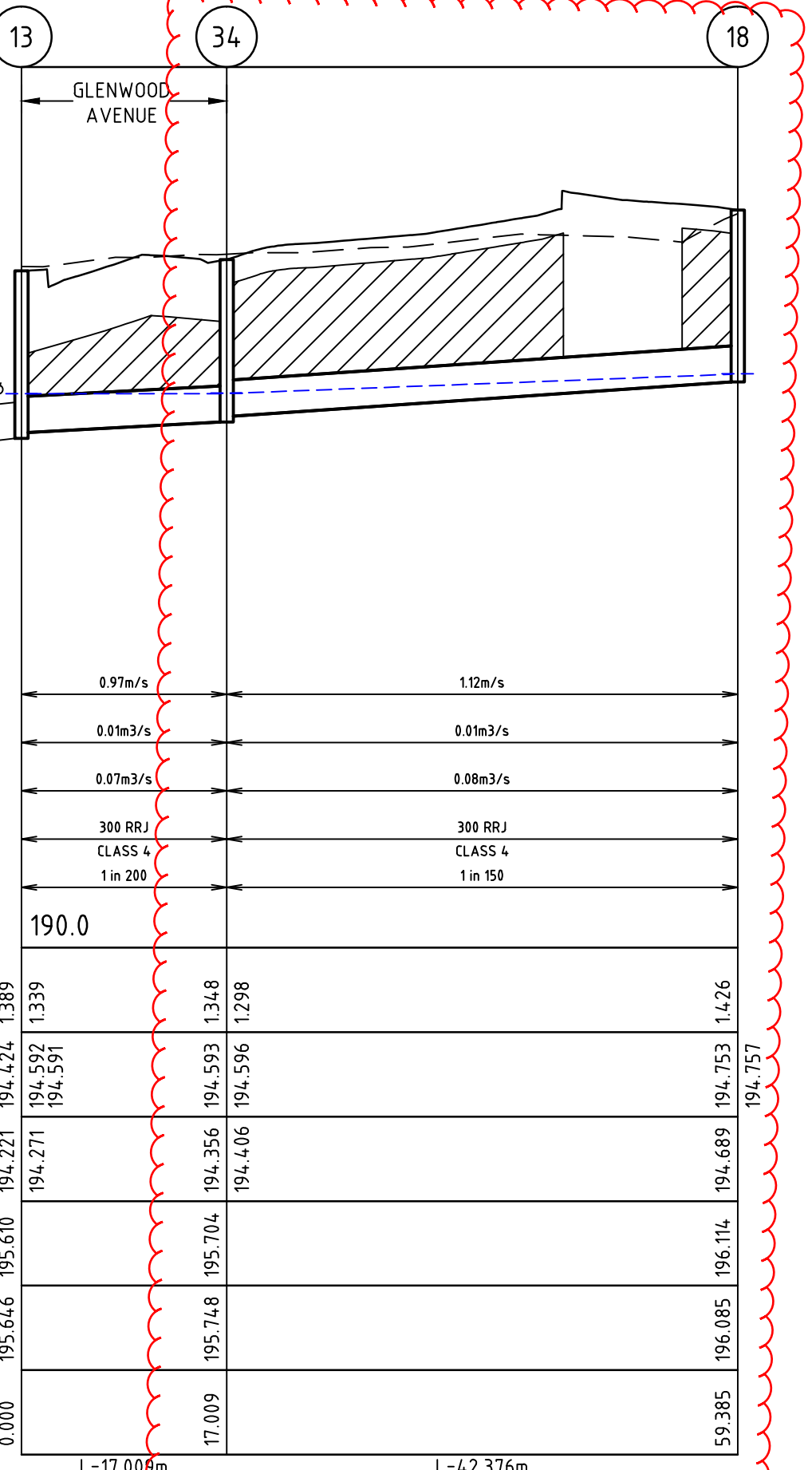
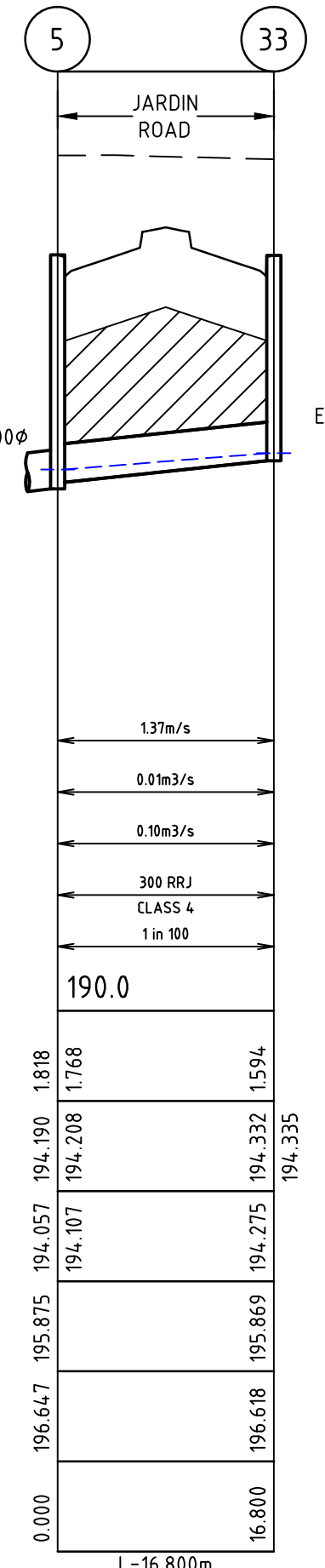
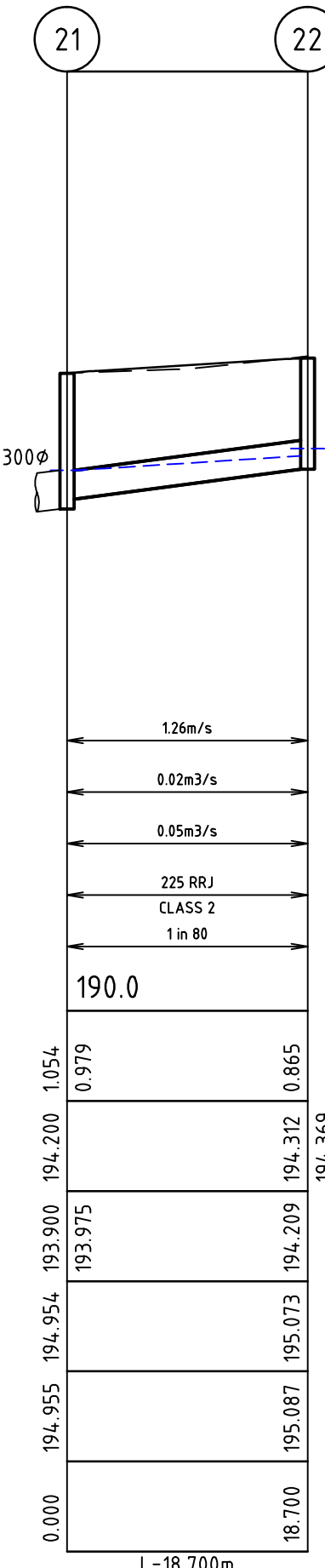
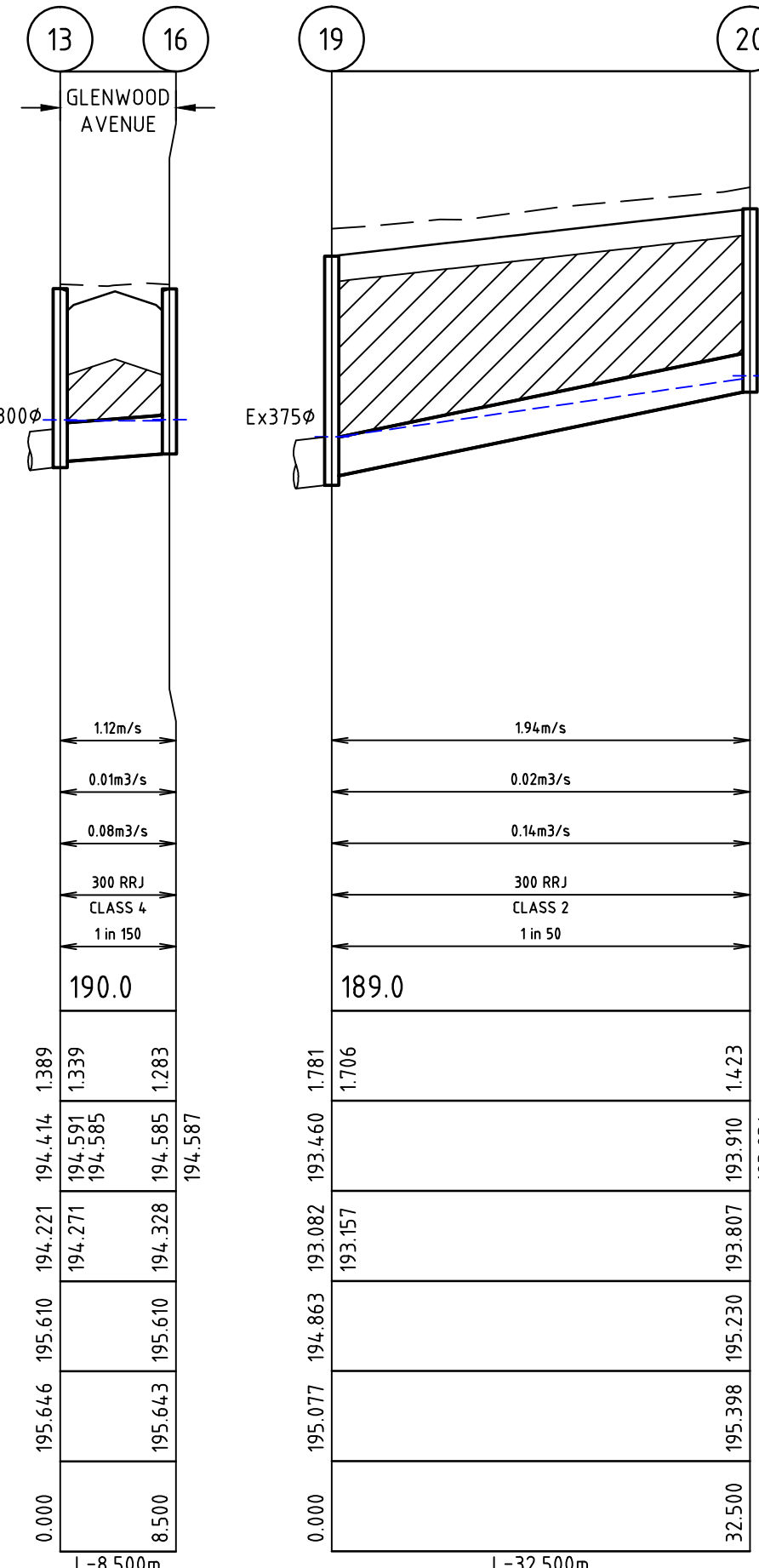
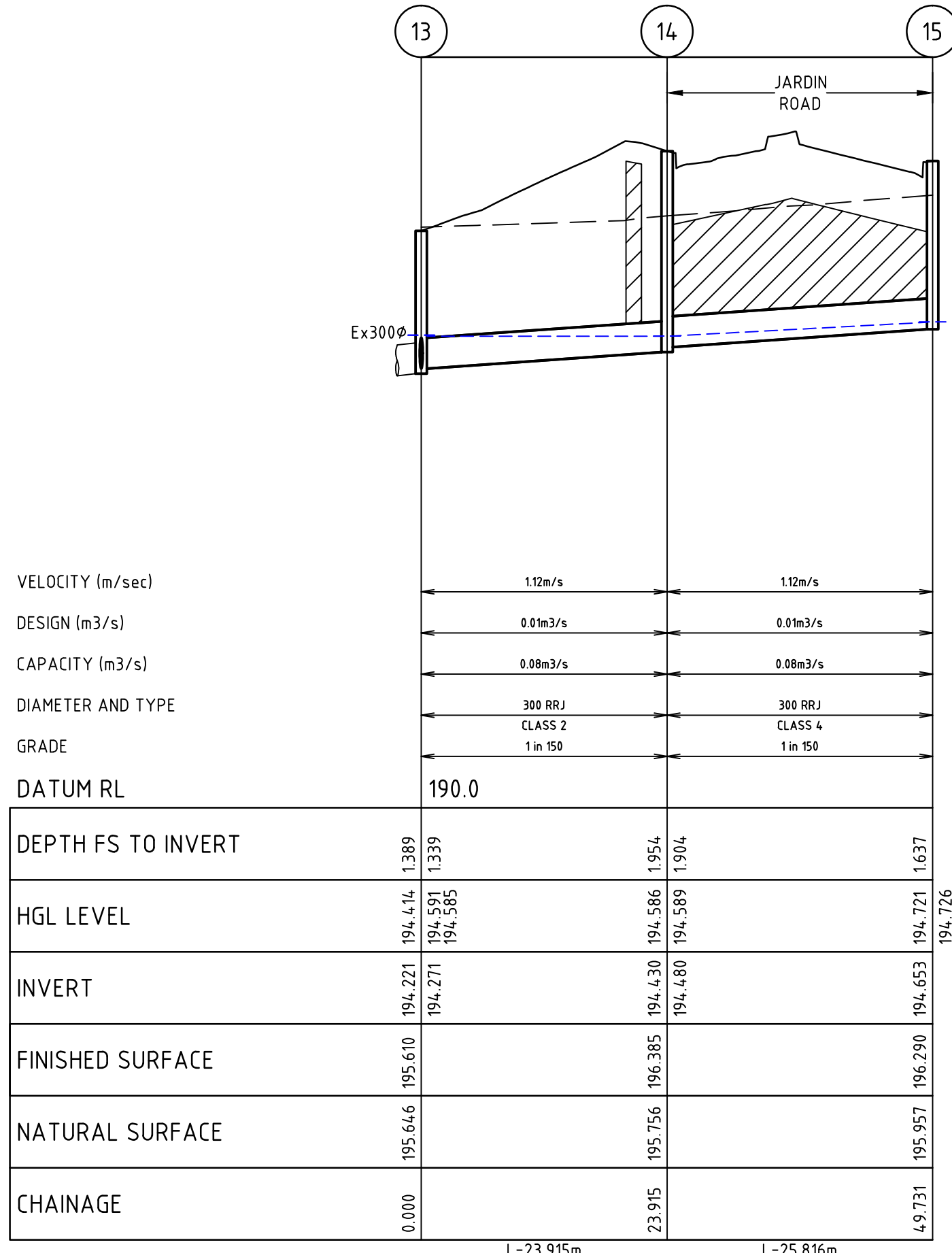
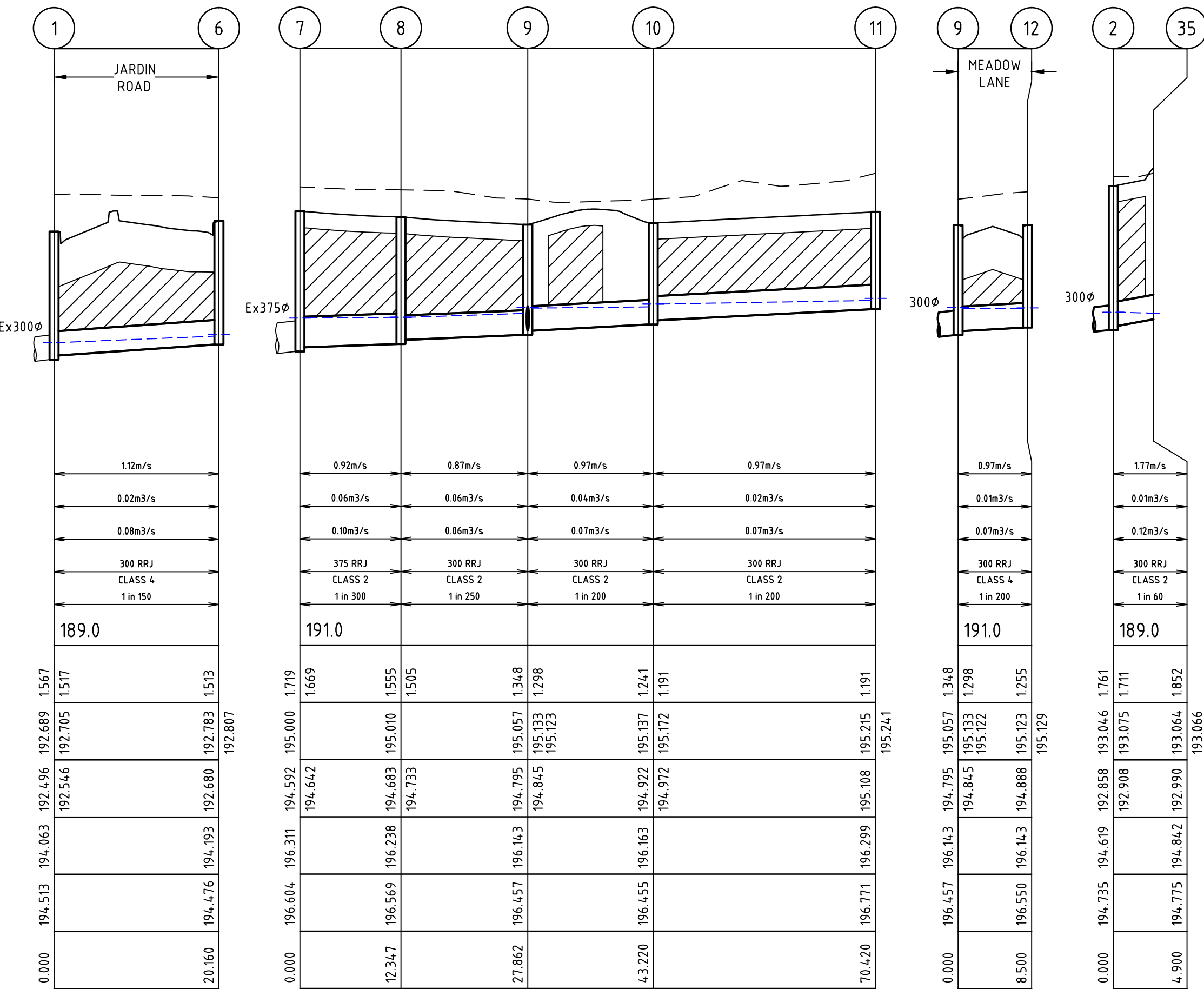
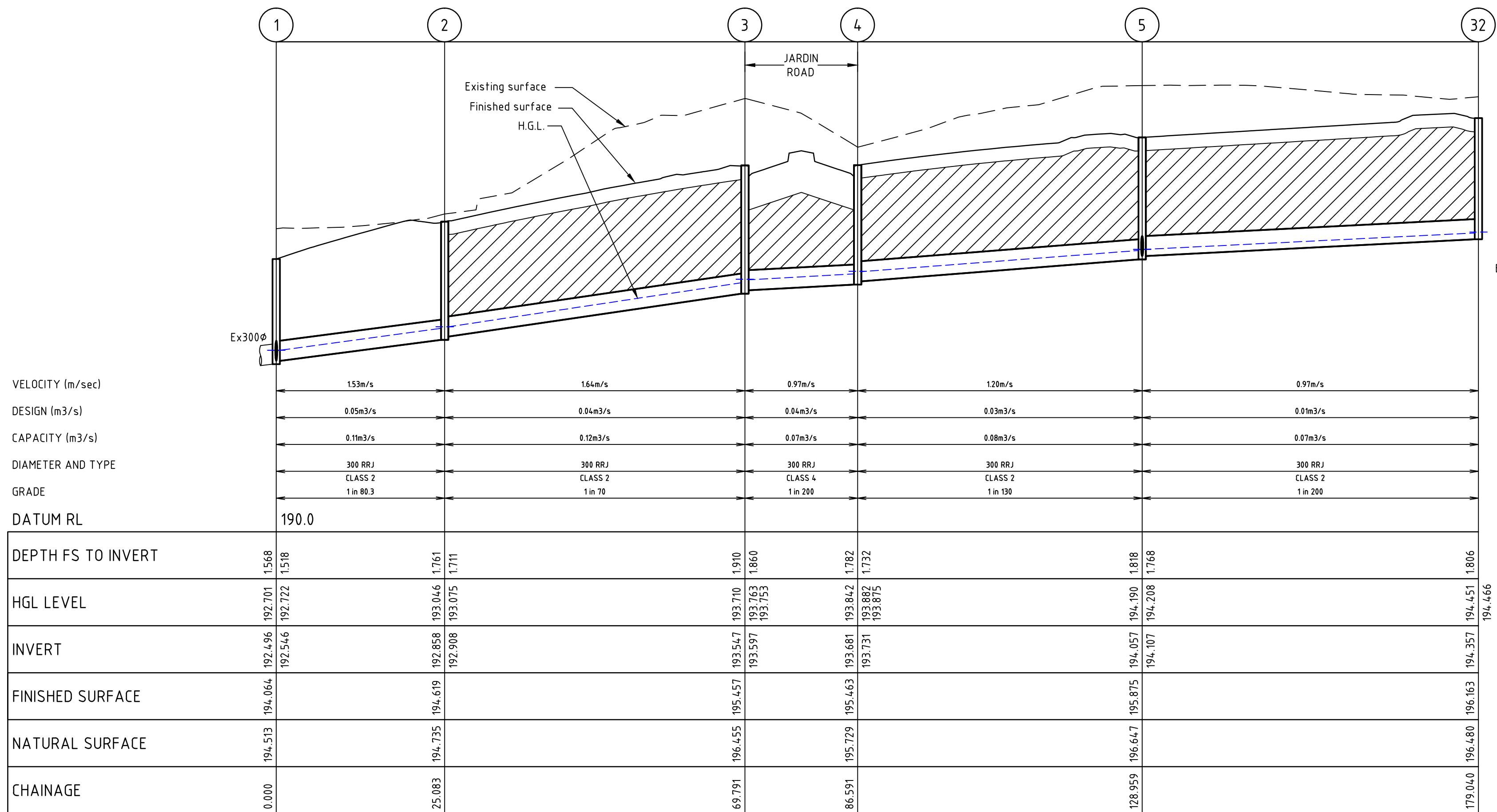
MELWAY REF. 388 C-10
SURVEY BPD
DESIGN M.A.
DRAWN M.A.

RATHDOWNE ESTATE
STAGE 7
INTERSECTION DETAILS - SHEET 4 OF 4

MUNICIPALITY WHITTLESEA
REFERENCE 9365 E/7

VER DATE ISSUED FOR CONSTRUCTION
A 05-02-21

CHECKED
SCALE AS SHOWN
DATUM AHD
DATE APR '20
SHEET 13 OF 16
A

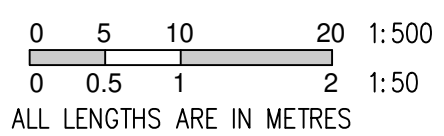


DRAINAGE LONGITUDINAL SECTIONS

SCALE: H 1:500, V 1:50

NOTE:
CRUSHED ROCK BACKFILL

AS CONSTRUCTED



AMENDMENTS

B	31-03-21	PIPE LEG 13-34-18 AMENDED
A	05-02-21	ISSUED FOR CONSTRUCTION
VER	DATE	REMARKS

breese pitt dixon pty. ltd.
land surveyors
civil engineers

Council Ref No.:-

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

MELWAY REF. 388 C-10

SURVEY BPD

DESIGN M.A.

DRAWN M.A.

CHECKED

RATHDOWNE ESTATE
STAGE 7
DRAINAGE LONGITUDINAL SECTIONS
SHEET 1 OF 2

SCALE AS SHOWN
DATUM AHD
DATE APR' 20

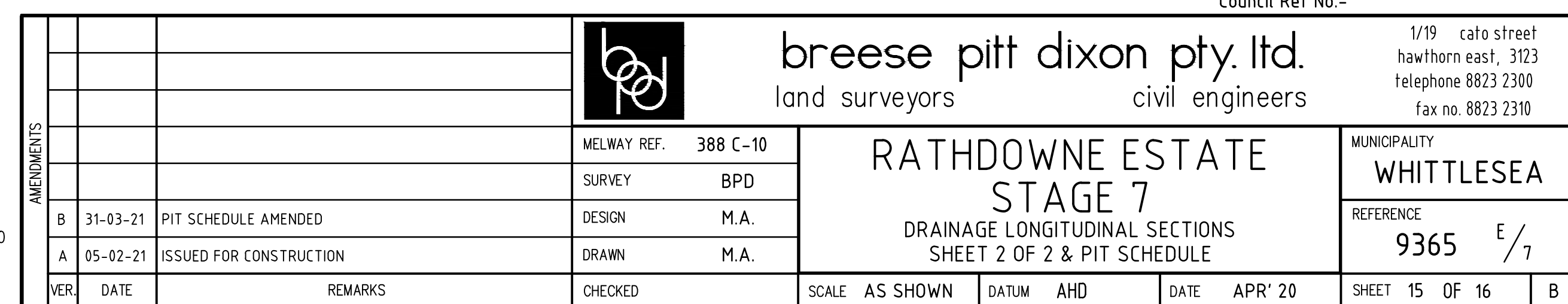
MUNICIPALITY WHITTLESEA

REFERENCE 9365 E/1

SHEET 14 OF 16
B



0 5 10 20 1:500
0 0.5 1 2 1:50
ALL LENGTHS ARE IN METRES



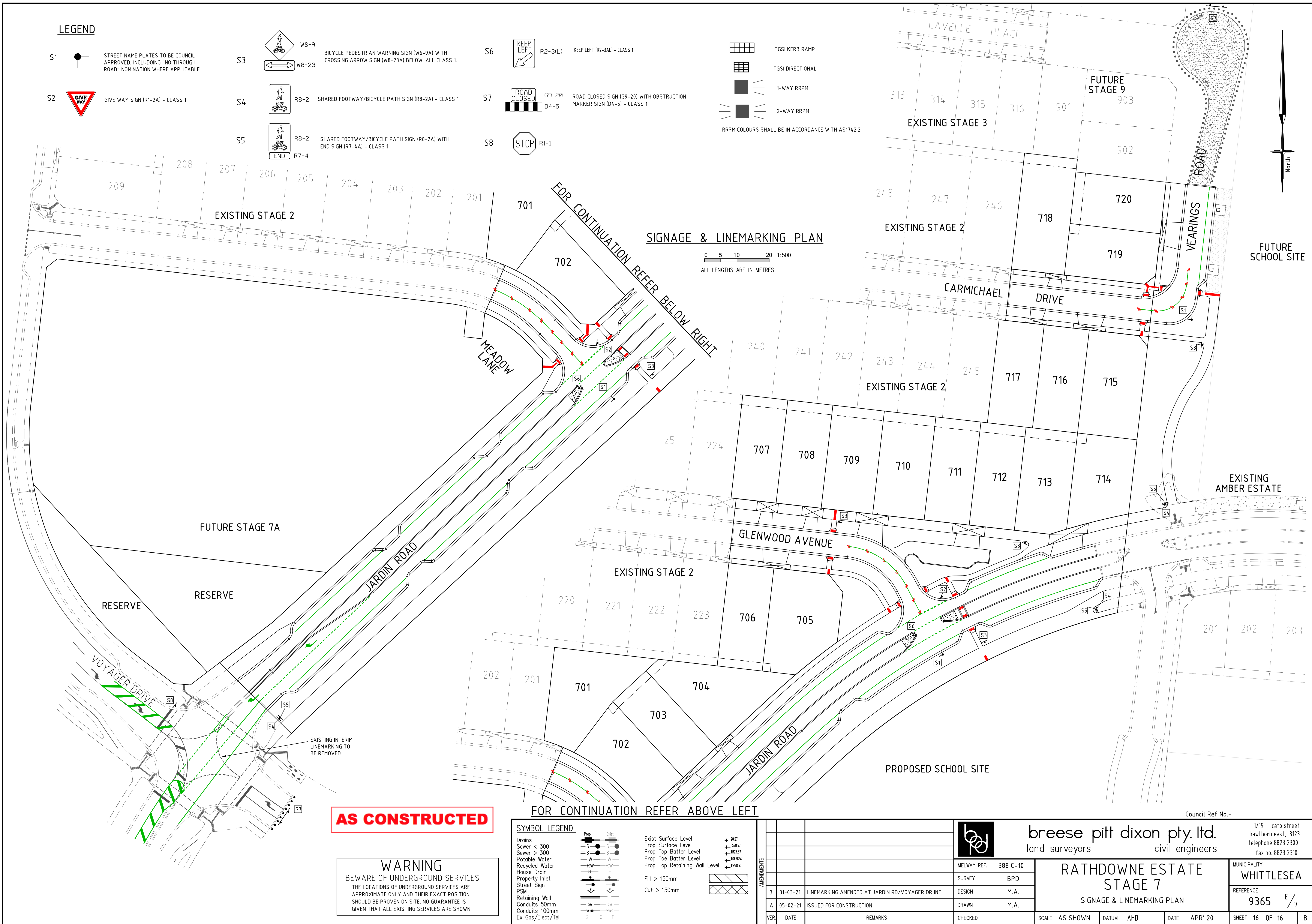
LEGEND

- S1 STREET NAME PLATES TO BE COUNCIL APPROVED, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE
- S2 GIVE WAY SIGN (R1-2A) - CLASS 1

- S3 W6-9 BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) BELOW. ALL CLASS 1.
- S4 R8-2 SHARED FOOTWAY/BICYCLE PATH SIGN (R8-2A) - CLASS 1
- S5 R8-2 SHARED FOOTWAY/BICYCLE PATH SIGN (R8-2A) WITH END SIGN (R7-4A) - CLASS 1

- S6 R2-3(L) KEEP LEFT (R2-3AL) - CLASS 1
- S7 G9-20 ROAD CLOSED SIGN (G9-20) WITH OBSTRUCTION MARKER SIGN (D4-5) - CLASS 1
- S8 R1-1 STOP

- TGSI KERB RAMP
- TGSI DIRECTIONAL
- 1-WAY RRPM
- 2-WAY RRPM
- RRPM COLOURS SHALL BE IN ACCORDANCE WITH AS1742.2



SIGNAGE & LINEMARKING PLAN

0 5 10 20 1:500
ALL LENGTHS ARE IN METRES

FOR CONTINUATION REFER ABOVE LEFT

AS CONSTRUCTED

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

SYMBOL LEGEND

- Drains
Sewer < 300
Sewer > 300
Potable Water
Recycled Water
House Drain
Property Inlet
Street Sign
PSM
Retaining Wall
Conduits 50mm
Conduits 100mm
Ex Gas/Elect/Tel
- Prop
S
S
W
RW
PSM
GW
W100
G
- Exist
S
S
W
RW
PSM
GW
W100
G
- Exist Surface Level
Prop Surface Level
Prop Top Batter Level
Prop Toe Batter Level
Prop Top Retaining Wall Level
- Fill > 150mm
Cut > 150mm
- +78.57
+75.08.57
+78.08.57
+76.08.57
+74.08.57
- +

AMENDMENTS	DATE	REMARKS
B	31-03-21	LINEMARKING AMENDED AT JARDIN RD/VOYAGER DR INT.
A	05-02-21	ISSUED FOR CONSTRUCTION
VER		

		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 388 C-10		SURVEY BPD		MUNICIPALITY WHITTLESEA	
DESIGN M.A.		DRAWN M.A.		REFERENCE 9365 E/7	
CHECKED		SCALE AS SHOWN		SHEET 16 OF 16	
DATE		DATUM AHD		DATE APR '20	
				B	