

SITE LOCALITY PLAN
NOT TO SCALE

SHEET INDEX

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NOTE:
KERB CUTOUT FOR PASSIVE IRRIGATION REFER TO DETAIL ON SHEET 13. 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.

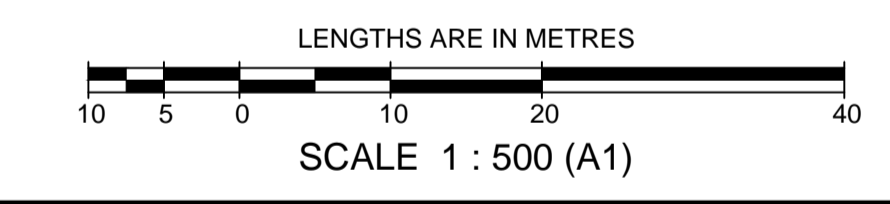
ATTENTION TO CONTRACTOR

- 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.

SERVICE OFFSETS AND LOCATION TABLE

Location	Gas	Water		Communications		Electricity		BOK	Road Width	Joint Trenching	Street Classification
		NDW	DW	Cables	Pits	Cables	Poles				
SLAVKO DRIVE	2.70 W		3.10 W	1.80 W	1.80 W	2.15 W	1.20 BOK	4.20 W 3.50 E	15.30	G&W, FTTH&E	ACCESS PLACE
FRANCA AVENUE	2.10 W		2.60 W	1.80 E	1.70 E	2.30 E	1.00 BOK	4.20 W 4.20 E	16.00	G&W, FTTH&E	ACCESS PLACE

NOTE: * OFFSET FROM BACK OF KERB



SYMBOL LEGEND

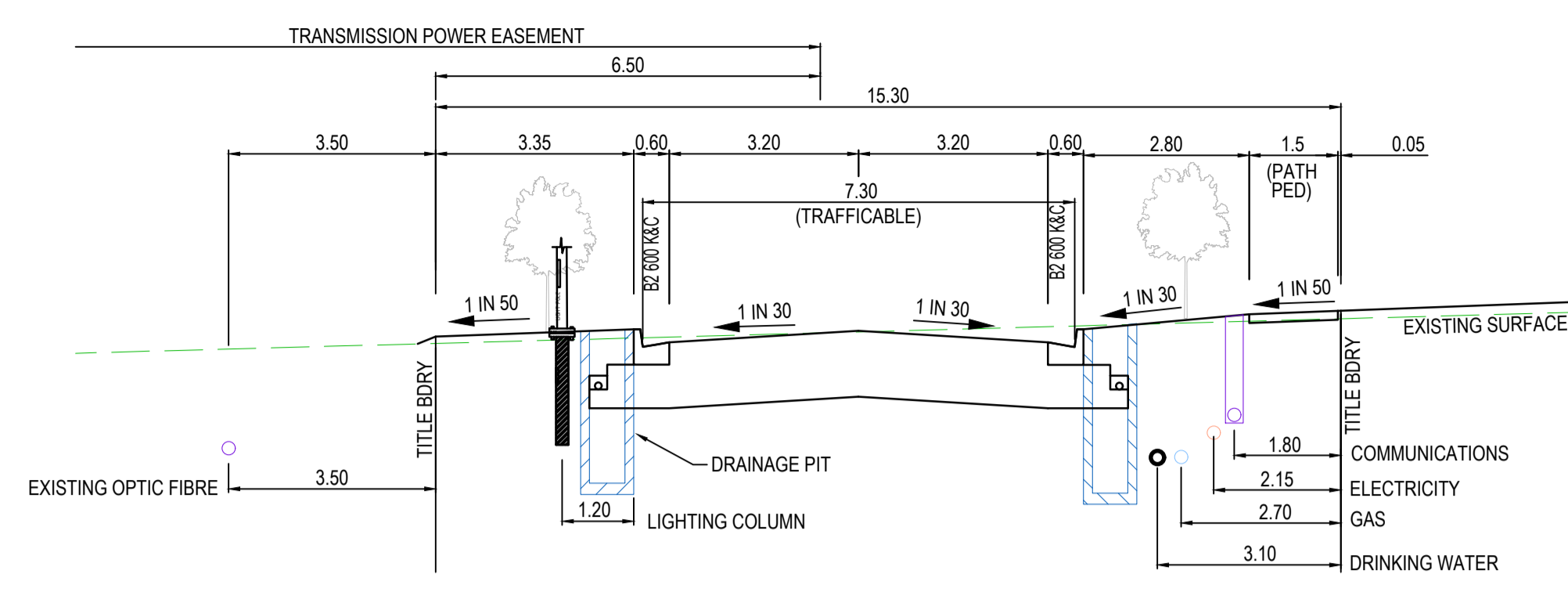
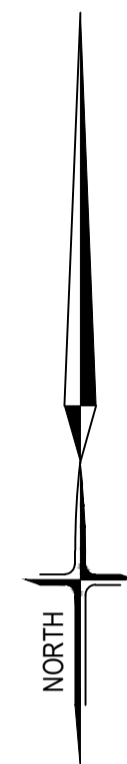
Drains	Prop	Prev Stage	Ex/Natural/FS Level	+28.57	+1628.57	+1528.57
Main Drains	-S	S	FS @ Building Line	+8.28.57	+1028.57	+1028.57
Sewer < 3000	-S	S	Top/Toe of Batter	+1028.57	+1028.57	+1028.57
Sewer ≥ 3000	-S	S	Top Ret. Wall Level	+1228.57		
Water (DW)	-DW	W	100yr Flood Level	+128.57		
Water (NDW)	-NDW	W	Fill Proposed (<0.3m/±0.3m)			
House Drain	-H	H	Cut Proposed			
Property Inlet	-P	P	Asphalt Surface Prop			
Street Sign	-S	S	Concrete Surface Prop			
PSM	-PSM	PSM	Concrete Surface Prop (Paths/Driveways/Slabs)			
Rock Ret Wall	-R	R	Tree To Be Removed			
Sleeper Ret Wall	-S	S	Tree To Be Retained with Tree Protection Zone (TPZ)			
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	E				
Ex Sewer/Gas	-E	E				
Ex Elect/Comm	-E	E				
Ex Optic Fibre	-E	E				

PLAN
SCALE 1:500

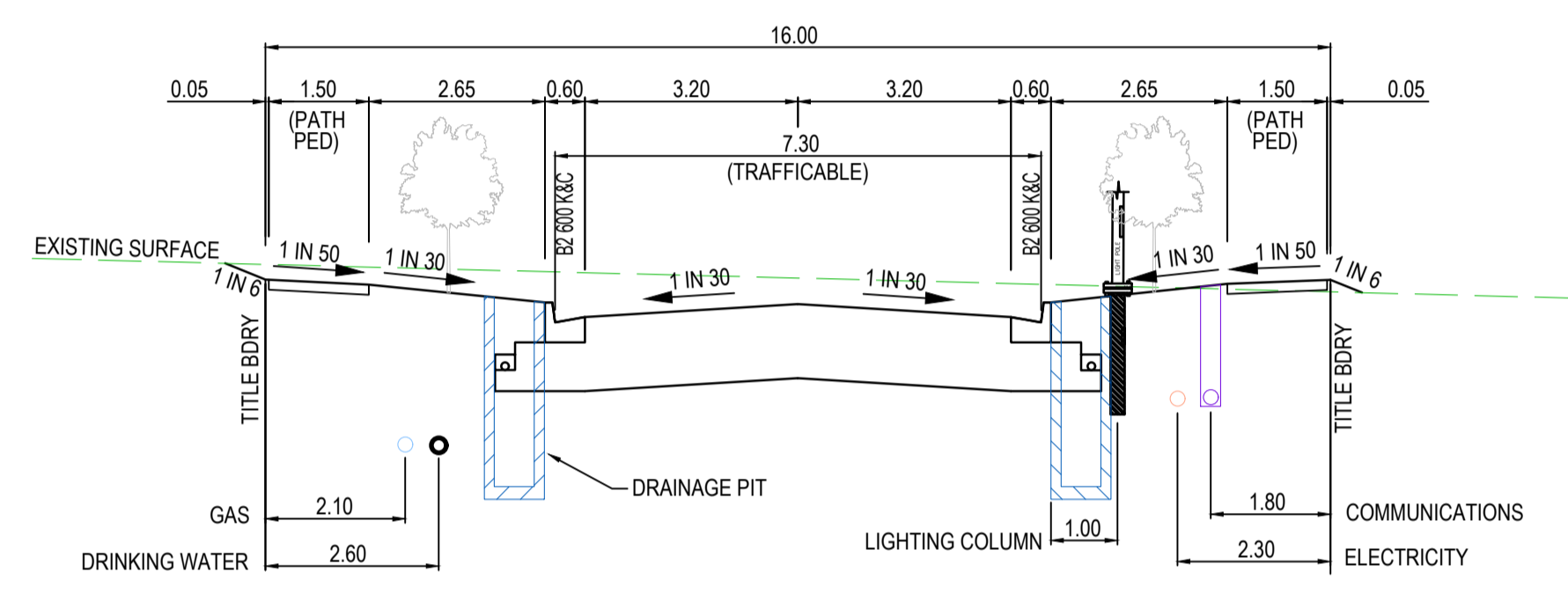
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310

AMENDMENTS	DATE	REMARKS	CHECKED	SCALE	DATUM	AHD	DATE	SHEET
				AS SHOWN			AUG '21	01 OF 15

MELWAY REF. 354-C-12	ASPIRE ESTATE STAGE 28 LAYOUT PLAN	MUNICIPALITY MELTON						
SURVEY BPD		REFERENCE 8226 E/28						
DESIGN J.B								
DRAWN I.W								
VER	DATE	REMARKS	CHECKED	SCALE	DATUM	AHD	DATE	SHEET
				AS SHOWN			AUG '21	01 OF 15



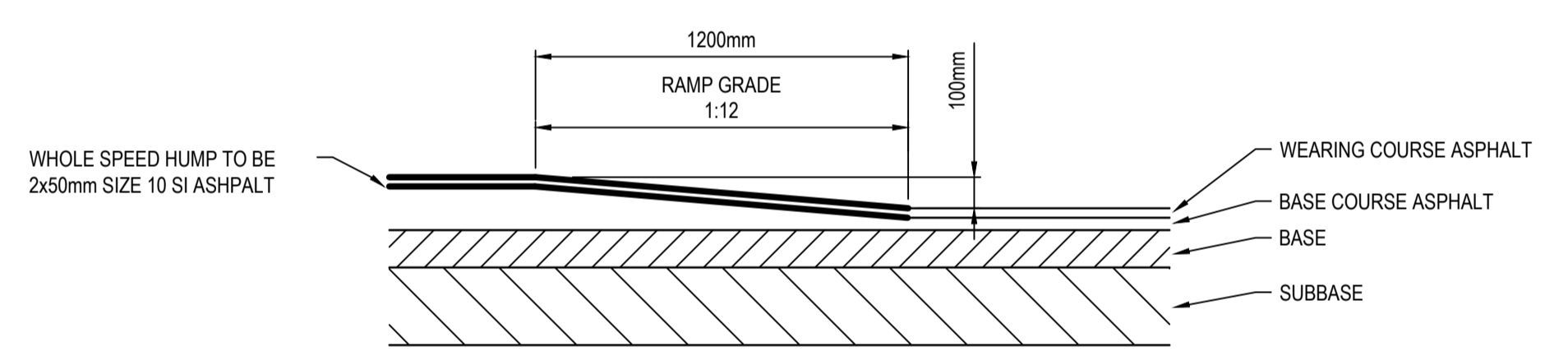
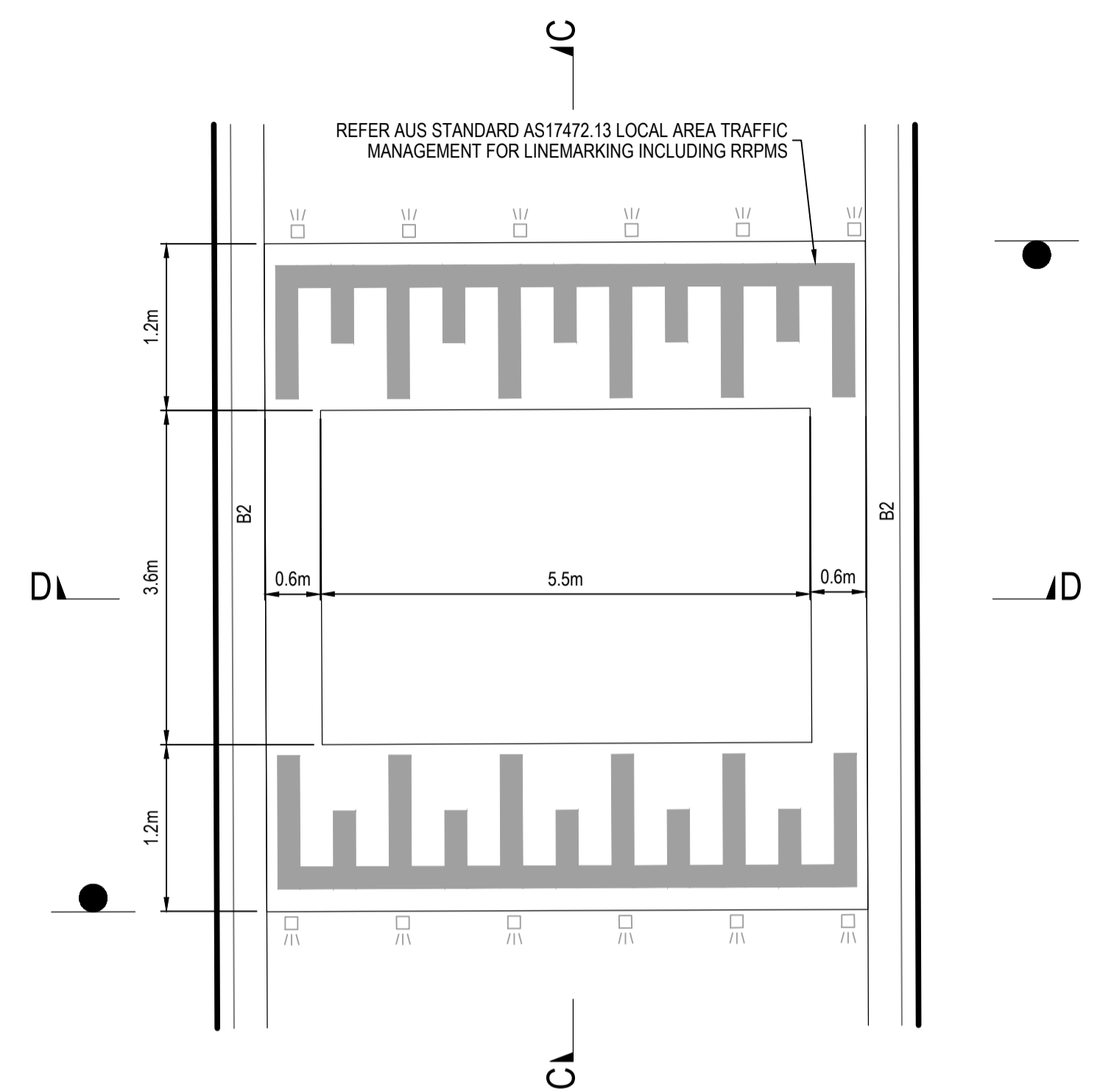
SLAVKO DRIVE
TYPICAL SECTION A - A
15.3m ROAD RESERVE
LOCAL ACCESS STREET



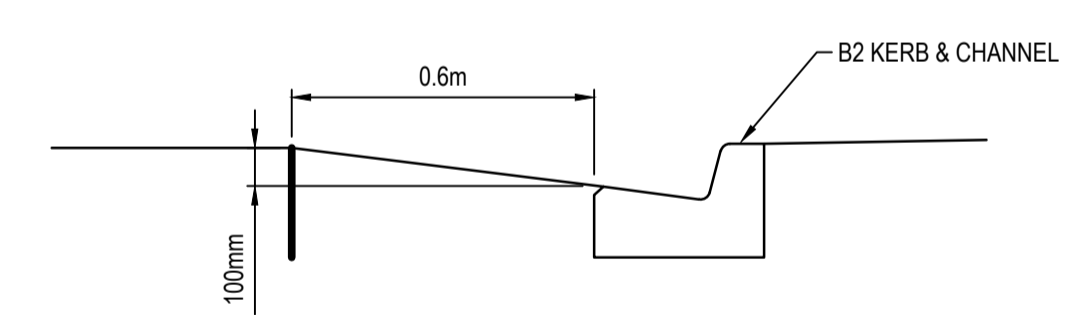
FRANCA AVENUE
TYPICAL SECTION B - B
16.0m ROAD RESERVE
LOCAL ACCESS STREET

TYPICAL CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

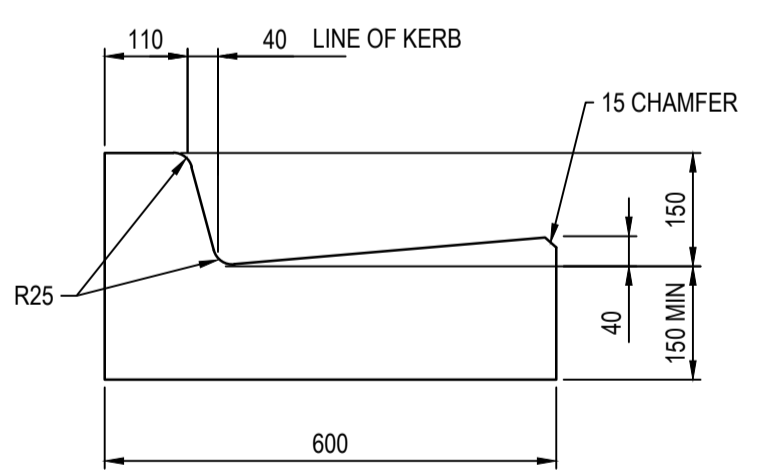


SECTION C-C

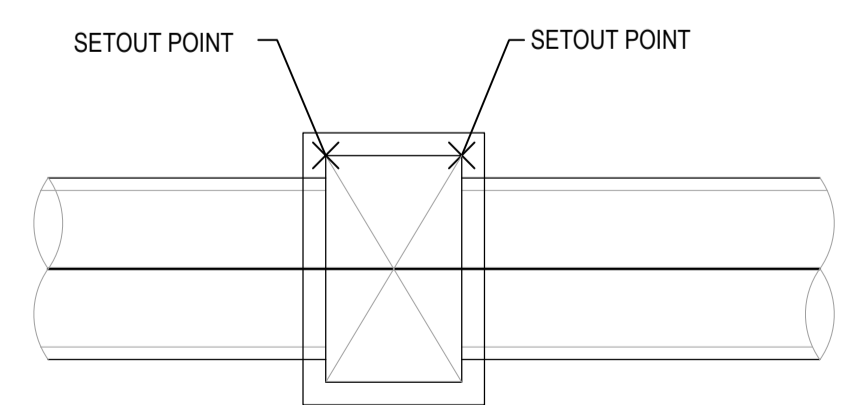


SECTION D-D

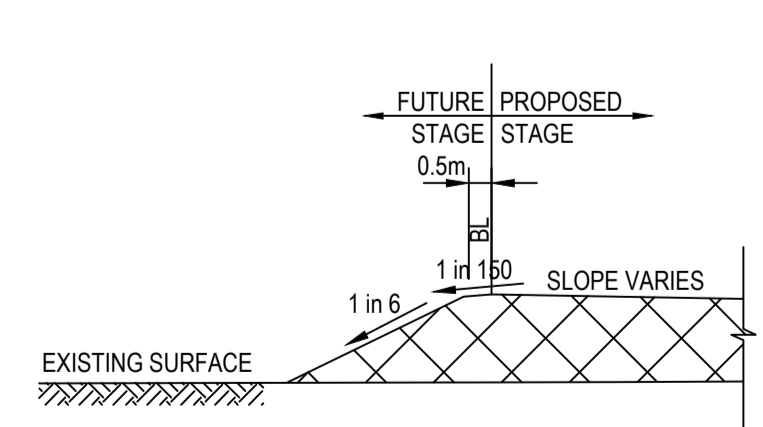
SETOUT DETAIL FOR SPEED HUMP
NOT TO SCALE



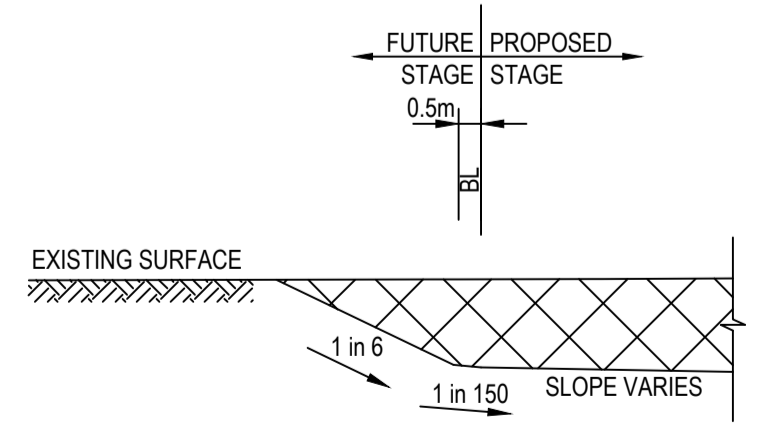
B2 600 KERB DETAIL
NOT TO SCALE



PIT SETOUT POINT DETAIL
NOT TO SCALE




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

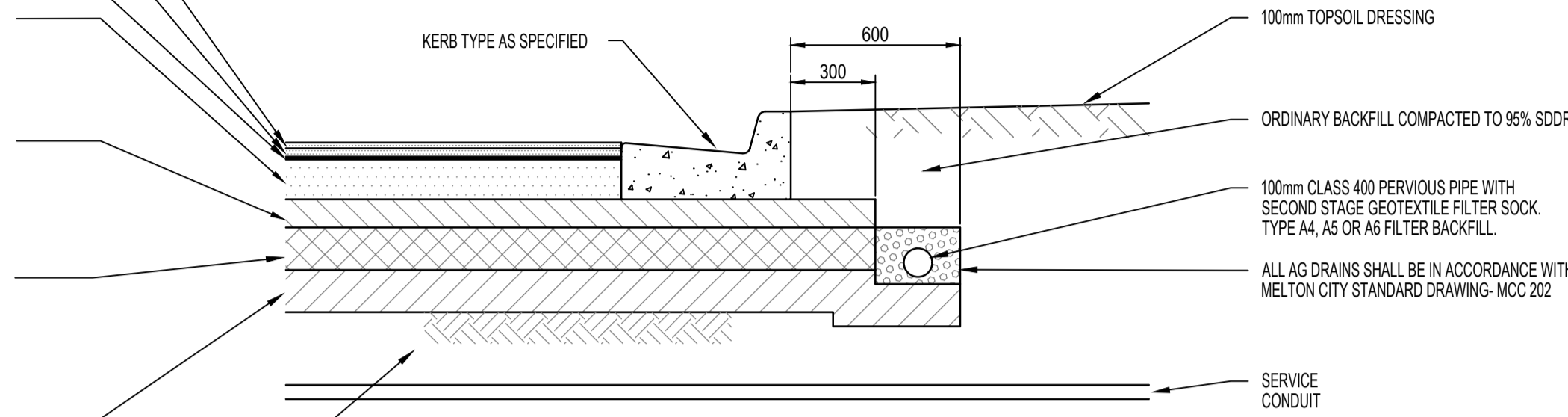


TYPICAL SECTION WHEN IN CUT ON BOUNDARY OF FUTURE STAGE
NOT TO SCALE

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 28 TYPICAL CROSS SECTIONS		MUNICIPALITY MELTON			
		SURVEY BPD			REFERENCE 8226 E/28			
		DESIGN J.B						
		DRAWN I.W						
VER	DATE	REMARKS	CHECKED -	SCALE AS SHOWN	DATUM AHD	DATE AUG '21	SHEET 02 OF 15	P2

- a) 20mm COMPACTED DEPTH 7mm NOMINAL SIZE TYPE 'L' ASPHALT WITH C320 BINDER
- b) 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'N' ASPHALT WITH C320 BINDER
- c) 10mm SAMI SEAL WITH CLASS S18RF BINDER AND BITUMINOUS PRIME
- d) 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
- e) 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
- f) 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%
- g) 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 OF >1.5%
- h) 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.

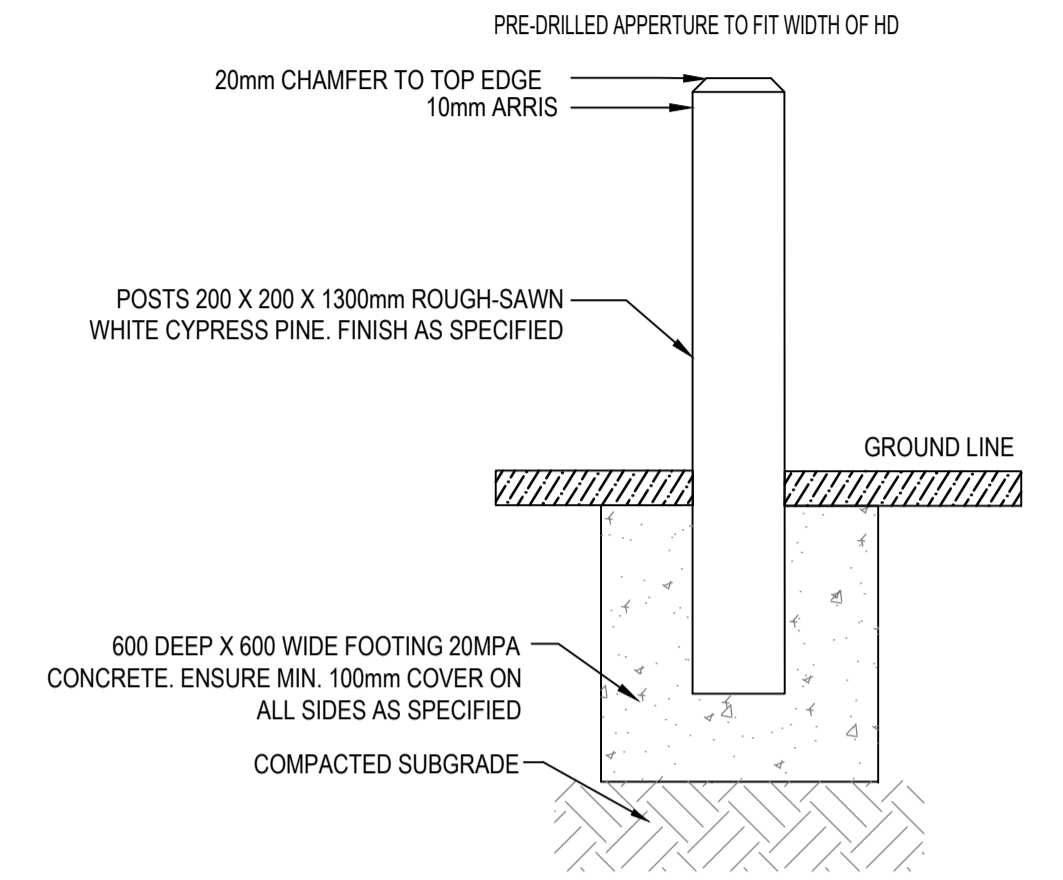


PAVEMENT DETAILS
ALL OTHER ROADS - 600mm DEPTH
NOT TO SCALE

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 > 1.8l/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 BITUMINOUS PRIME, AND NOT A PRIMER SEAL, APPLIED TO THE UNDERLYING UNBOUND BASE MATERIAL.



TYPICAL BOLLARD DETAIL
NOT TO SCALE


GENERAL NOTES

1. CONSTRUCTION PLANS MUST BE ACCOMPANIED BY THE APPROVED SPECIFICATION. NO WORK IS TO COMMENCE WITHOUT EVIDENCE OF POSSESSION OF EACH.
2. 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.
3. COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
4. 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 EDCM701, EDCM702 & EDCM703.
5. 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 EDCM701 & EDCM703.
6. AGRICULTURAL PIPE DRAINS, AS PER COUNCIL STD DWG MCC202, TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER PITCHERS AND WHERE DIRECTED BY THE ENGINEER.
7. 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.
8. ALL 150mm TO 750mm DIA. TO BE R.C.(RRJ) AND 825mm DIA. AND GREATER TO BE R.C.(FJ). PIPES LAID ON A CURVE TO BE RRJ. ALL CONCRETE PIPES TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.
9. WHERE DRAINAGE PIPES ARE LOCATED WITHIN NATURE STRIPS, THE TRENCH SHALL BE BACKFILLED WITH COMPACTED CLASS 3 F.C.R. UP TO 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.
10. 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.)
11. 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.
12. BATTERS SHALL BE 1 IN 6 FOR FILL AND 1 IN 6 FOR CUT UNLESS OTHERWISE SHOWN.
13. ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM SITE.
14. LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER, ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE.
15. ALL RESERVE AREAS ARE TO BE SMOOTHED, GRADED AND 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.
16. 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 AS1289.5.2.1-2003. CONTROL TESTING TO COMPLY WITH AS3798-2007 APPENDIX B, LEVEL 1.
17. 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.
18. 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.
 - 97% FOR ALL FILL NOT COVERED AS ABOVE.
19. NATURE STRIP AND AREAS OF CUT ARE TO BE TOPSOILED AND GRASSED TO THE SATISFACTION OF THE ENGINEER. MINIMUM DEPTH TO BE 100mm.
20. 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.
21. 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.
22. 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.
23. WATER AND GAS CONDUITS TO BE CONSTRUCTED ACROSS NATURE STRIPS AFTER ELECTRICAL CABLE WORK IS COMPLETED.
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. TELSTRANBN Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
26. 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 VPA STANDARD DRAWINGS EDCM501 & EDCM502. ACROSS THE WINGED SECTION CONTRACTOR TO PROVIDE TWO 450mm LONG N12 DEFORMED BARS, CENTRALLY LOCATED, AT 300mm CENTRES.
27. 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 EDCM401.
28. PRAM CROSSINGS ARE TO BE CONSTRUCTED WHERE FOOTPATHS CONNECT TO THE BACK OF KERB & CHANNEL. REFER TO COUNCIL STD DWG MCC403.
29. STREET SIGNS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARDS.
30. 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, LINE MARKING AND BARRICADING TO COMPLY WITH THE REQUIREMENTS OF VICROADS SIGNING CODE OF PRACTICE.
31. 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.
32. ALL ROADS TO BE CONSTRUCTED WITH B2 KERB & CHANNEL UNLESS OTHERWISE SHOWN. REFER VPA STD DWG EDCM301.
33. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A ROAD OPENING PERMIT FOR WORKS IN PREVIOUSLY CONSTRUCTED ROADWAYS.
34. 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.
35. 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.
36. 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%
37. 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.
38. CONCRETE TO HAVE A 28 DAY STRENGTH OF 25 Mpa.
39. ALL SPLAYS ARE 3.00m X 3.00m UNLESS OTHERWISE SHOWN.
40. LL LEVELS ARE TO THE AUSTRALIAN HEIGHT DATUM (A.H.D.)
41. 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.
42. 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.
43. 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.
44. 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.
45. PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MW STD. DWG. 725114/203) ALONG FULL EXTENT OF OUTFALL DRAINS. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.

PIT SCHEDULE NOTES

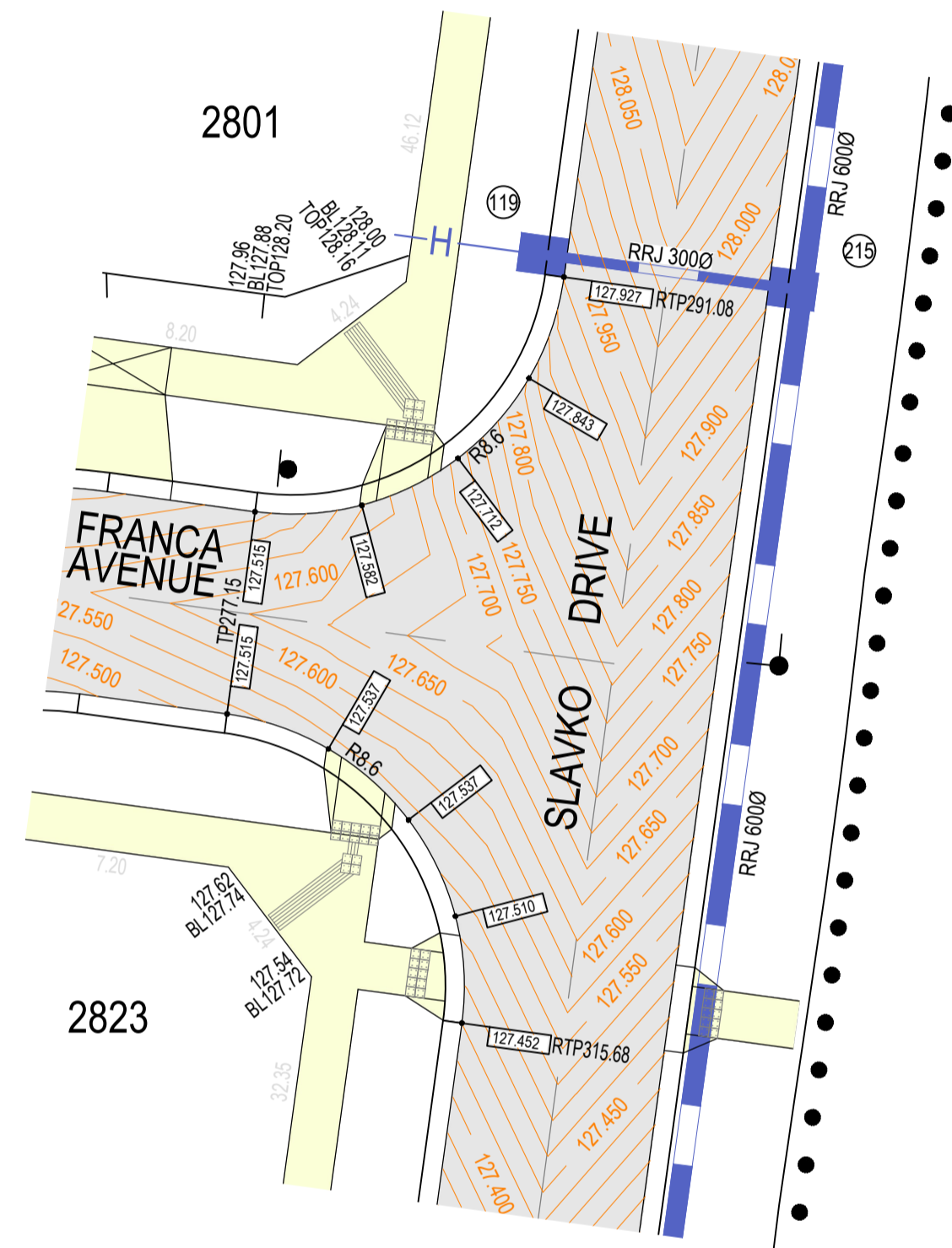
1. WHERE PIT HAUNCHING IS REQUIRED, INTERNAL PIT WALL DIMENSIONS MUST ALLOW 50mm CLEARANCE EACH SIDE OF PIPE OUTSIDE DIAMETER, INCLUDING ANGULAR PIPE ENTRY TO PIT. MINIMUM DIMENSIONS OF PIT BASE ARE TO BE AS PER SIZES SPECIFIED IN THE PIT SCHEDULE. TOP OF PIT OPENING FOR ALL PITS WITH HAUNCHES TO BE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

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	MUNICIPALITY MELTON		
					SURVEY BPD	REFERENCE 8226 E/28		
					DESIGN J.B			
				DRAWN I.W				
				CHECKED -				
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE AUG '21	SHEET 03 OF 15	P2

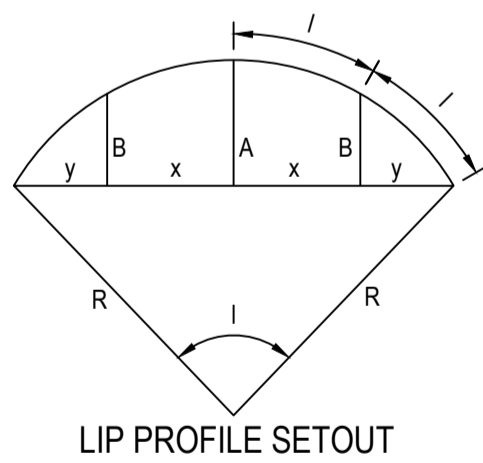


CURVE SETOUT DETAILS	
I	90.000
R	8.600
Arc	13.509
A	2.519
B	1.864
X	3.291
Y	2.790
I	3.377
Mid Level	127.712



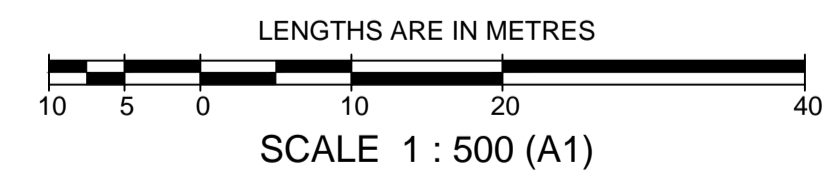
CURVE SETOUT DETAILS	
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R	8.600
Arc	13.509
A	2.519
B	1.864
X	3.291
Y	2.790
I	3.377
Mid Level	127.537

INTERSECTION DETAILS
SCALE 1:200



NOTES

- a) ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- b) INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPMs 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)



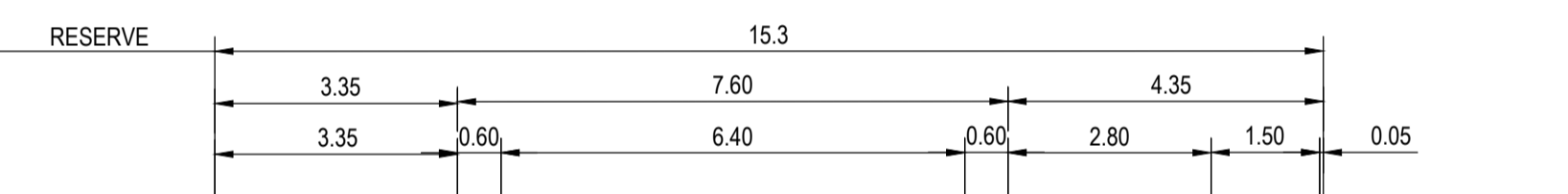
SYMBOL LEGEND			
Drains		Ex/Natural FS Level	+28.57 +1628.57 +1528.57
Sewer < 3000		FS @ Building Line	+31.28.57
Sewer ≥ 3000		Top/Toe of Batter	+10P28.57 +10E28.57
Water (DW)		Top Ret. Wall Level	+TW28.57
Water (NDW)		100yr Flood Level	+FL28.57
House Drain		Fill Proposed (<0.3m/≥0.3m)	
Property Inlet		Cut Proposed	
Street Sign		Asphalt Surface Prop	
FSM		Concrete Surface Prop (Paths/Driveways/Slabs)	
Rock Ret Wall		Tree To Be Removed	
Sleeper Ret Wall		Tree To Be Retained with Tree Protection Zone (TPZ)	
Conduits 50mm			
Conduits 100mm			
Street Tree without/with Passive Irrigation (Refer Detail)			
Ex Drains			
Ex Water DW/NDW			
Ex Sewer/Gas			
Ex Elect/Comm			

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 28 INTERSECTION DETAIL PLANS	MUNICIPALITY MELTON
		SURVEY BPD				REFERENCE 8226 E/28
		DESIGN J.B.				
	DRAWN I.W.					
VER	DATE	REMARKS	CHECKED -	SCALE AS SHOWN DATUM AHD DATE AUG '21 SHEET 05 OF 15 P2		

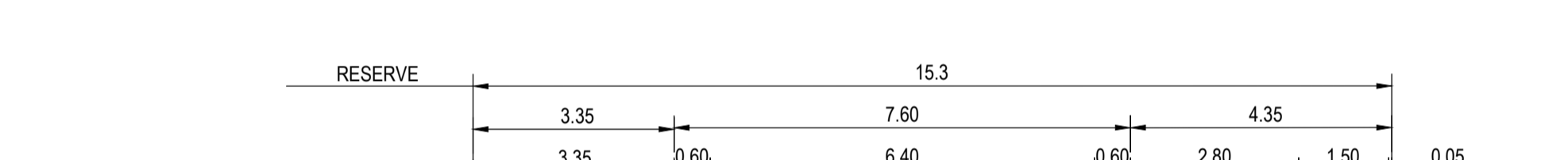
DESIGN CL VC LENGTH
DESIGN CL GRADING
HORIZONTAL GEOMETRY
DATUM RL123

ES LEFT TITLE BOUNDARY	180.00	128.05	128.26	129.03	129.12	129.03	129.26	128.29	200.00	128.99	128.99	129.30	129.30	128.98	128.98	128.94	240.00	128.79	128.73	128.51	128.60	128.51	128.69	128.73	246.75	128.69	128.67	128.44	128.53	128.44	128.62	128.64	251.75	128.62	128.62	128.48	128.48	128.48	128.58	128.58	260.00	128.51	128.53	128.29	128.40	128.29	128.47	128.48	276.81	128.13	128.23	128.13	128.19	128.19	128.14	128.14	280.00	128.33	128.09	128.20	128.09	128.14	128.14	128.14	291.81	127.93	127.93	127.93	127.93	127.93	127.93	127.93	292.07	127.93	127.93	127.93	127.93	127.93	127.93	127.93	300.00	127.79	127.89	127.79	127.83	127.79	127.83	127.79	306.81	127.65	127.75	127.65	127.69	127.65	127.69	127.64	315.67	127.52	127.73	127.45	127.56	127.45	127.49	127.45	316.63	127.49	127.71	127.43	127.53	127.43	127.47	127.43	320.00	127.42	127.64	127.36	127.46	127.36	127.40	127.36	340.00	126.95	127.20	126.92	127.02	126.92	126.96	126.92	347.23	126.79	127.04	126.76	126.86	126.76	126.80	126.75	360.00	126.53	126.76	126.48	126.59	126.48	126.52	126.47	361.23	126.50	126.73	126.45	126.56	126.45	126.49	126.44	373.73	126.22	126.46	126.17	126.28	126.17	126.22	126.18	380.00	126.08	126.32	126.04	126.14	126.04	126.08	126.04	386.23	125.95	126.18	125.90	126.01	125.90	125.94	125.90	398.73	125.68	125.91	125.62	125.73	125.62	125.67	125.62	400.00	125.66	125.88	125.60	125.70	125.60	125.64	125.59	405.73	125.53	125.75	125.47	125.58	125.47	125.51	125.46	412.73	125.37	125.60	125.32	125.42	125.32	125.36	125.29	420.00	125.24	125.44	125.16	125.26	125.16	125.20	125.14	425.23	125.15	125.32	125.04	125.15	125.04	125.08	125.04	437.73	124.91	125.06	124.77	124.87	124.77	124.81	124.80	440.00	124.86	125.01	124.72	124.82	124.72	124.76	124.76	450.23	124.65	124.80	124.49	124.60	124.49	124.55	124.57	450.32	124.65	124.80	124.49	124.60	124.49	124.55	124.57	457.23	124.53	124.69	124.39	124.49	124.39	124.46	124.46	460.00	124.48	124.65	124.34	124.45	124.34	124.42	124.40	464.23	124.41	124.59	124.28	124.39	124.28	124.36	124.31	476.73	124.27	124.40	124.09	124.20	124.09	124.17	124.12	480.00	124.24	124.35	124.04	124.15	124.04	124.12	124.08	489.23	124.13	124.21	123.91	124.01	123.91	123.96	123.95	500.00	124.00	124.05	123.74	123.85	123.74	123.82	123.78
------------------------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------



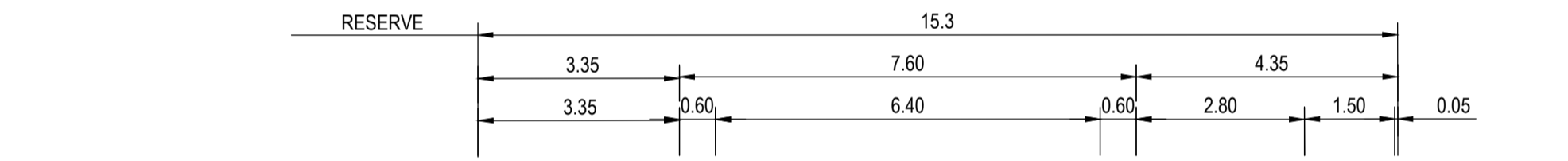
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EXIST RL	128.45	128.48	128.47	128.48	128.48	128.40	128.48	128.41	128.50	128.51	128.53	
OFFSETS	-11.00	-7.17	-7.15	-3.80	-3.20	0.00	3.20	3.80	6.60	8.10	8.15	11.00

CH 260.00



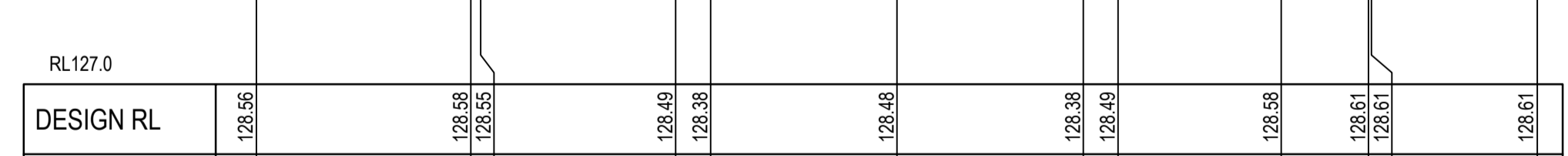
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EXIST RL	127.91	127.93	127.93	127.93	127.93	128.03	127.93	127.93	128.13	128.16	128.16	128.19
OFFSETS	-11.00	-7.40	-7.15	-3.80	-3.20	0.00	3.20	3.80	6.60	8.10	8.15	11.00

RTP CH 292.07



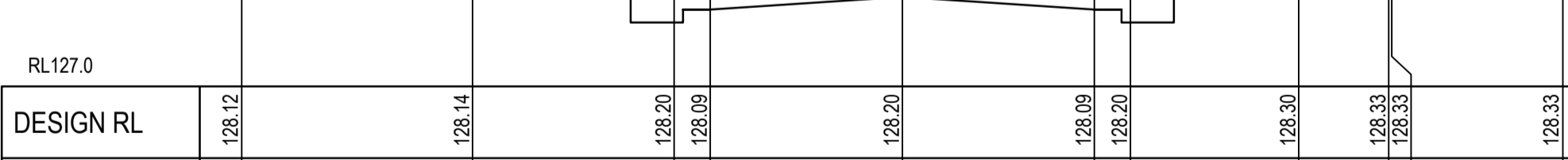
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EXIST RL	127.34	127.36	127.36	127.47	127.36	127.46	127.47	127.46	127.61	127.64	127.64	127.61
OFFSETS	-11.00	-7.39	-7.15	-3.80	-3.20	0.00	3.20	3.80	6.60	8.10	8.15	11.00

CH 320.00



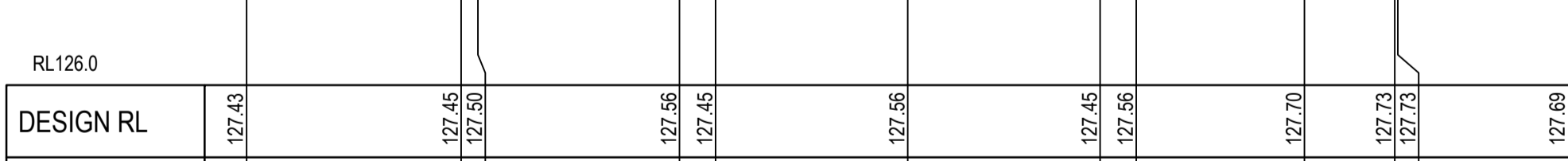
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EXIST RL	128.56	128.59	128.59	128.49	128.38	128.48	128.38	128.49	128.56	128.61	128.61	
OFFSETS	-11.00	-7.32	-7.15	-3.80	-3.20	0.00	3.20	3.80	6.60	8.10	8.15	11.00

RTP CH 251.75



DESIGN RL	128.12	128.12	128.14	128.20	128.09	128.20	128.09	128.20	128.33	128.33	128.33
EXIST RL	128.12	128.14	128.14	128.20	128.09	128.20	128.09	128.20	128.33	128.33	128.33
OFFSETS	-11.00	-7.16	-3.80	-3.20	0.00	3.20	3.80	6.60	8.10	8.15	11.00

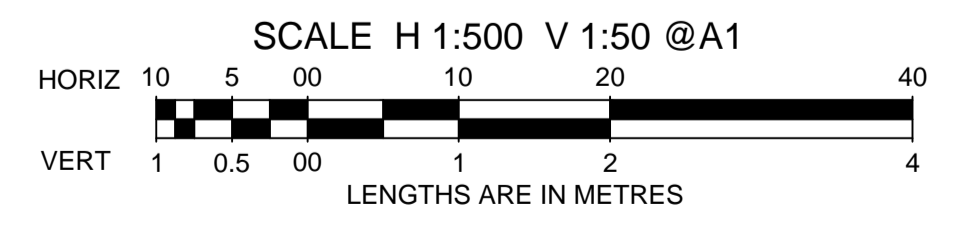
CH 280.00



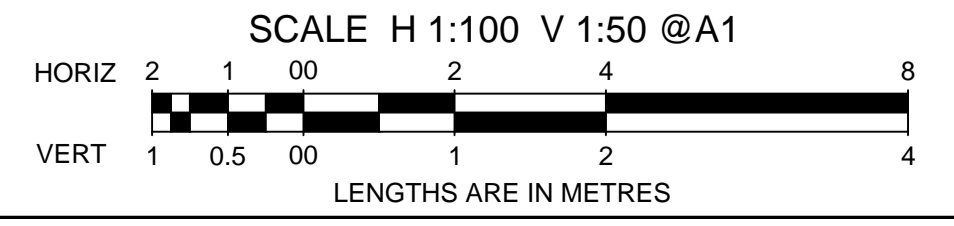
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EXIST RL	127.43	127.45	127.45	127.56	127.45	127.56	127.45	127.56	127.70	127.73	127.73	127.69
OFFSETS	-11.00	-7.43	-7.15	-3.80	-3.20	0.00	3.20	3.80	6.60	8.10	8.15	11.00

RTP CH 315.67

LONGITUDINAL SECTION
SCALE HORIZONTAL 1:500
VERTICAL 1:50



CROSS SECTIONS
SCALE HORIZONTAL 1:100
VERTICAL 1:50



SLAVKO DRIVE

AMENDMENTS	DATE	REMARKS

breese pitt dixon pty. ltd.
land surveyors civil engineers

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

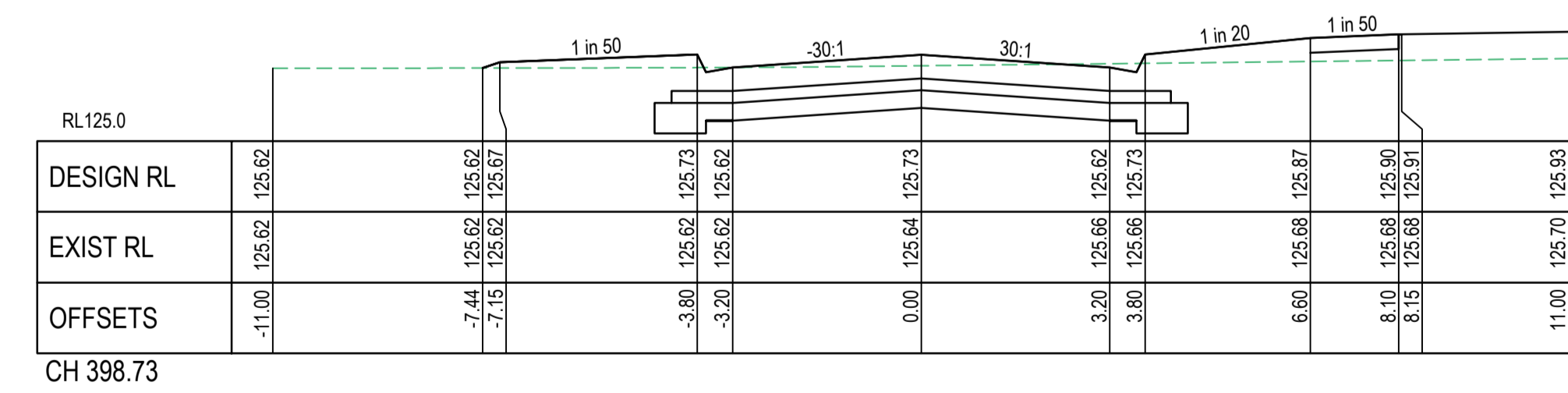
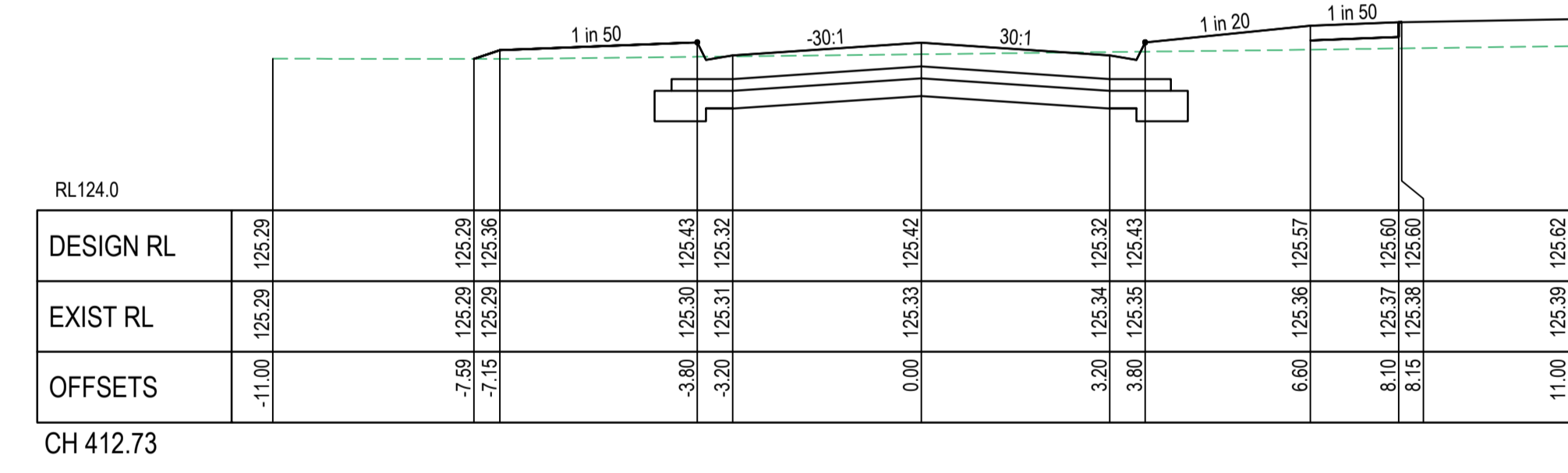
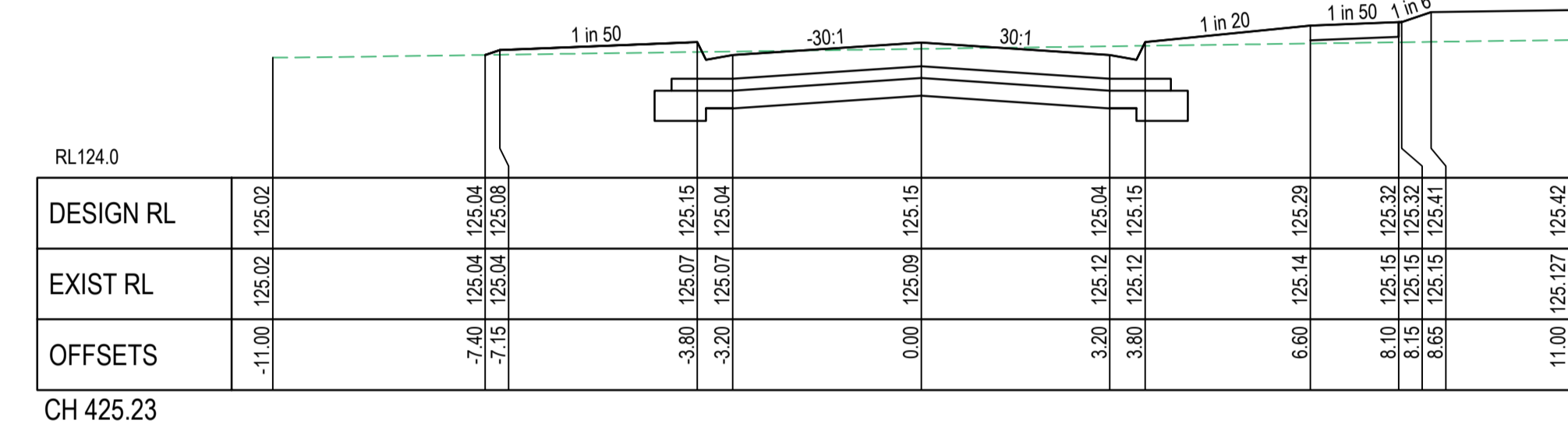
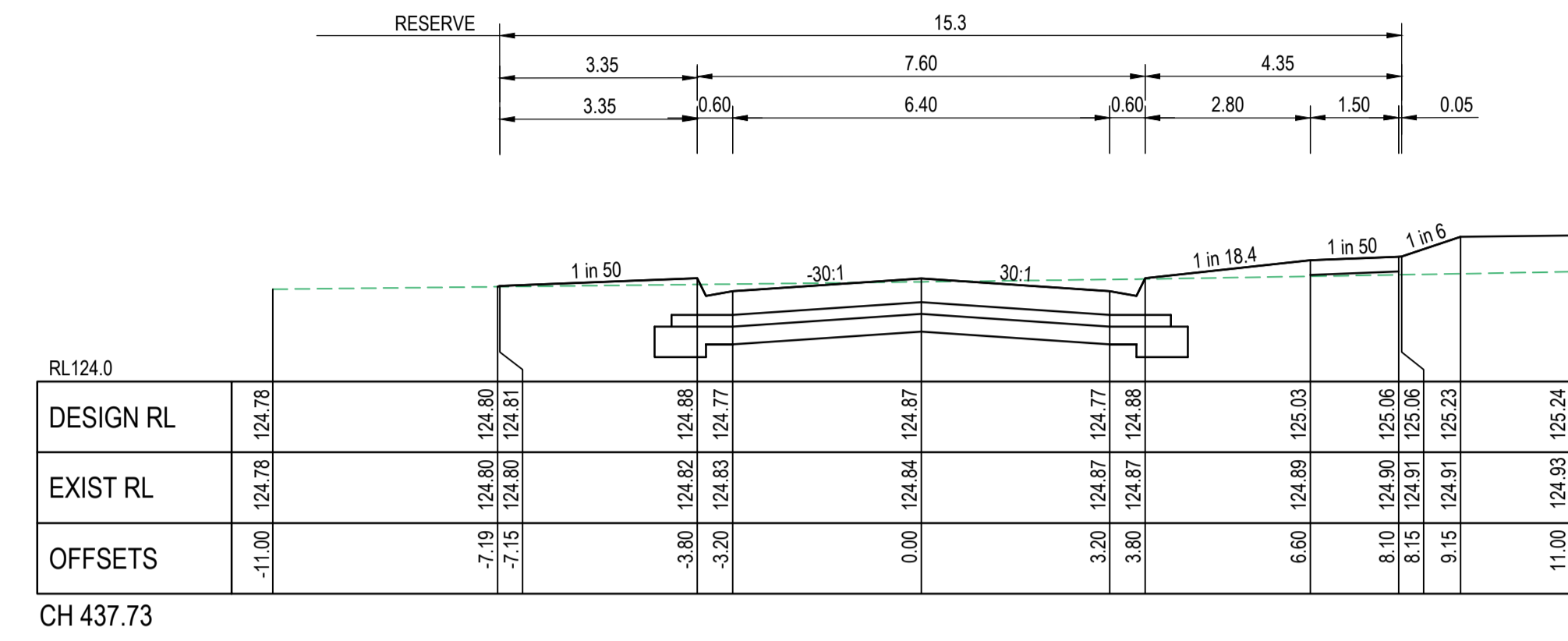
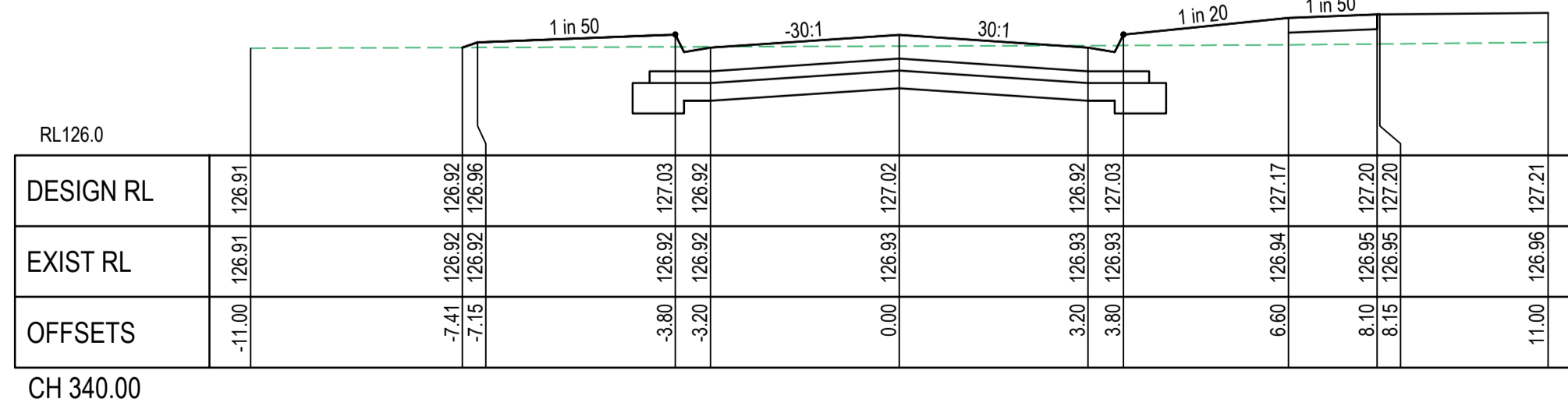
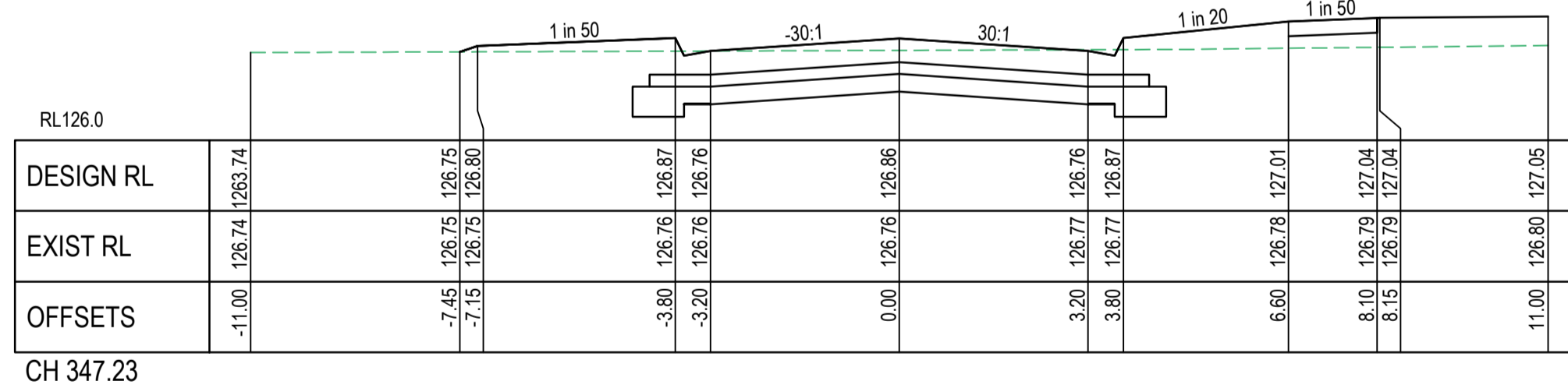
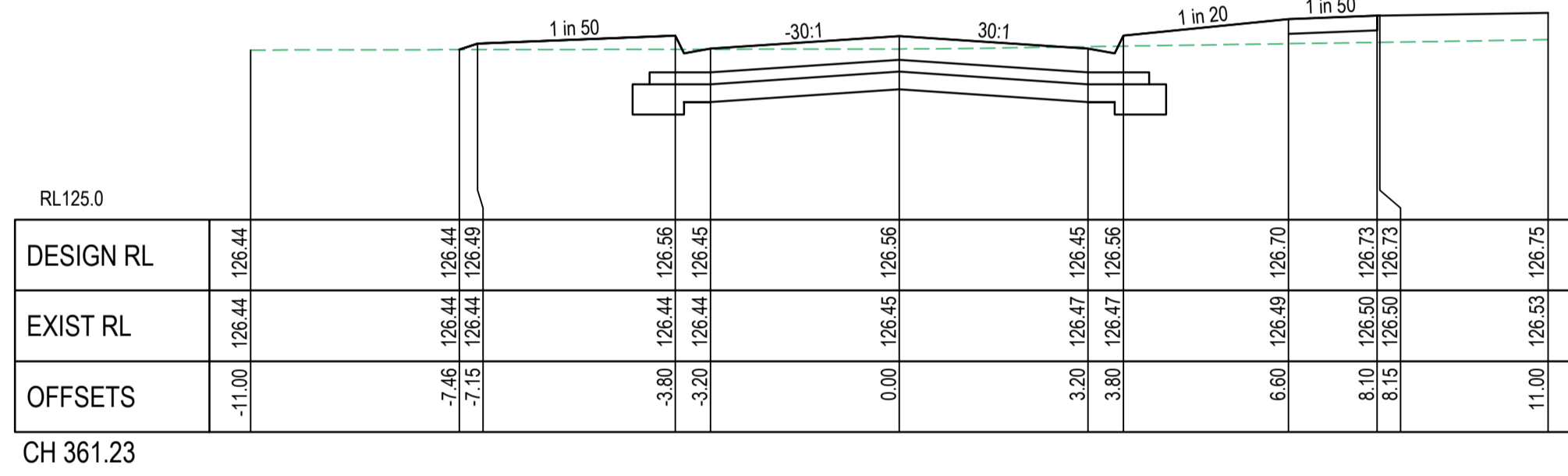
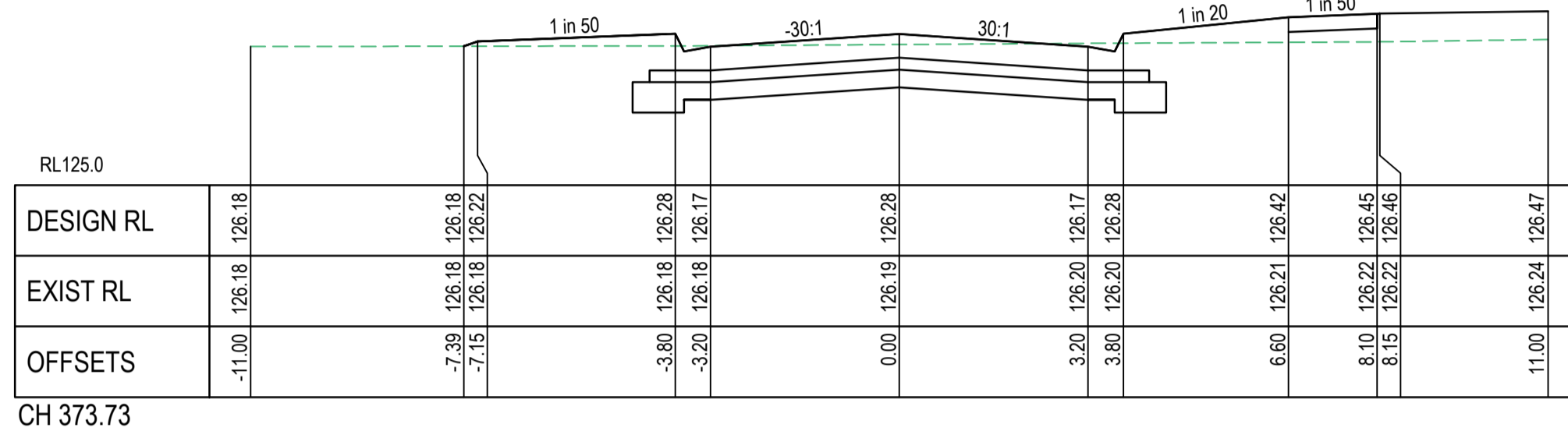
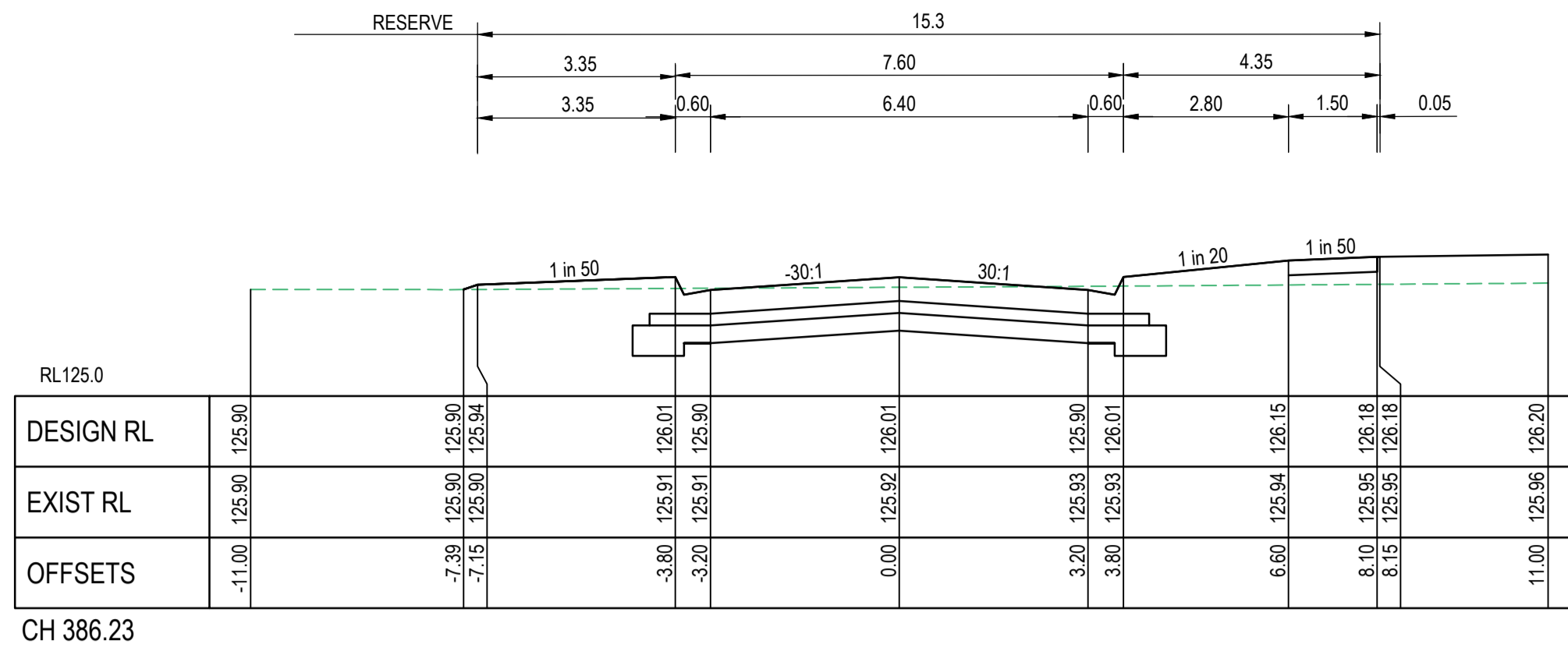
MELWAY REF. 354-C-12
SURVEY BPD
DESIGN J.B
DRAWN I.W
CHECKED -

**ASPIRE ESTATE
STAGE 28
SLAVKO DRIVE SHEET 1 OF 2**

MUNICIPALITY
MELTON
REFERENCE
8226 E/28

SCALE AS SHOWN DATUM AHD DATE AUG '21 SHEET 05 OF 15 P2

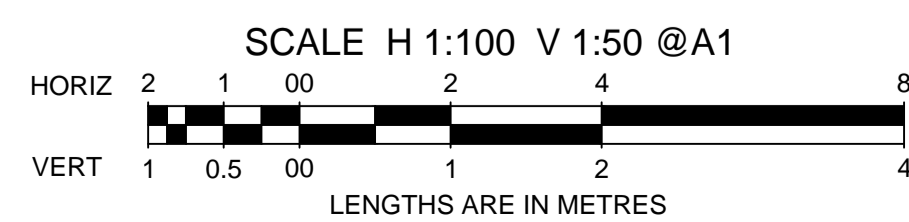
PRELIMINARY



SLAVKO DRIVE

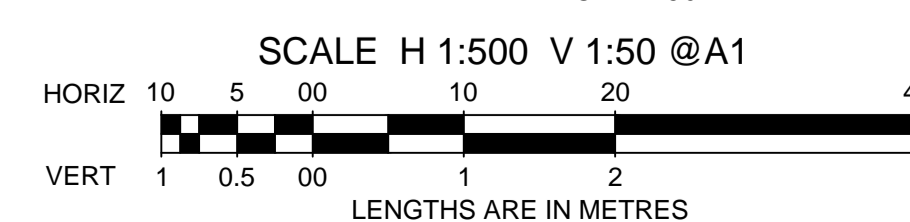
CROSS SECTIONS

SCALE HORIZONTAL 1:100
SCALE VERTICAL 1:50



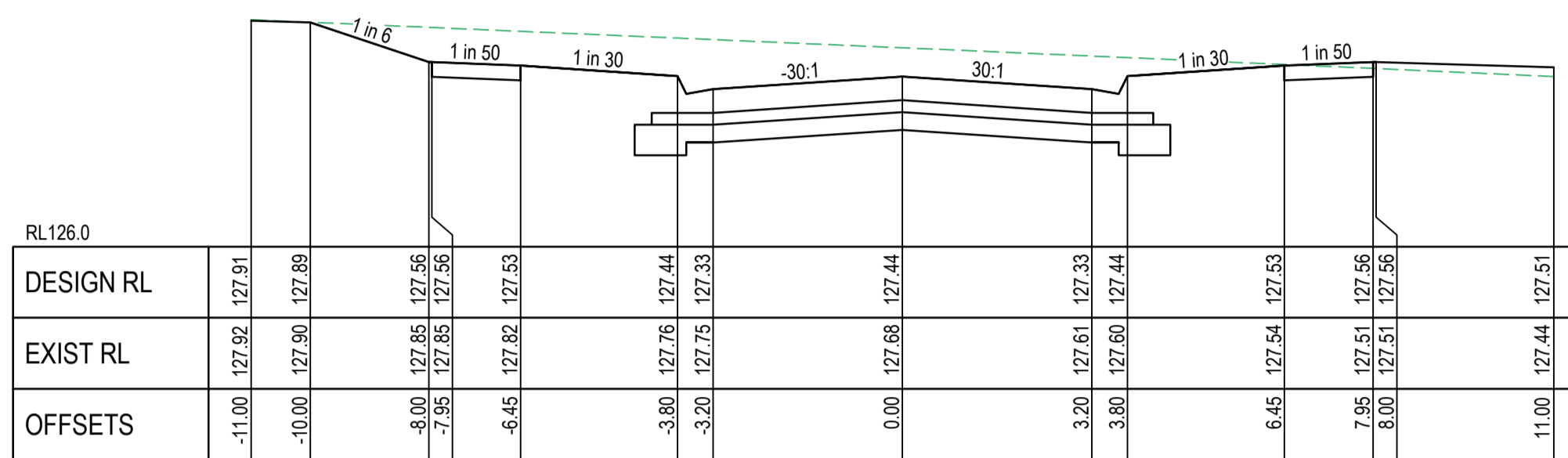
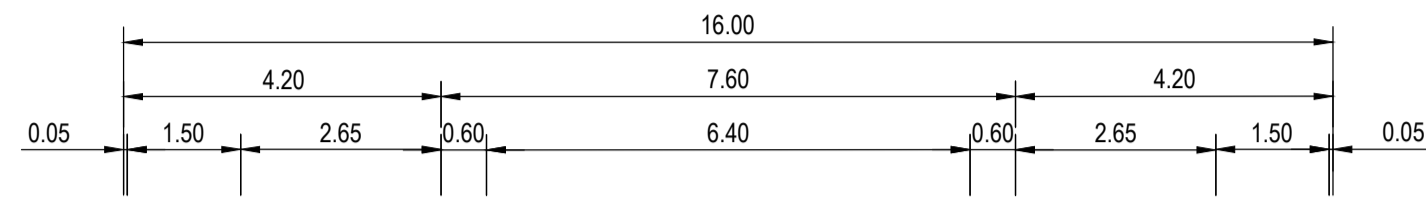
LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
SCALE VERTICAL 1:50

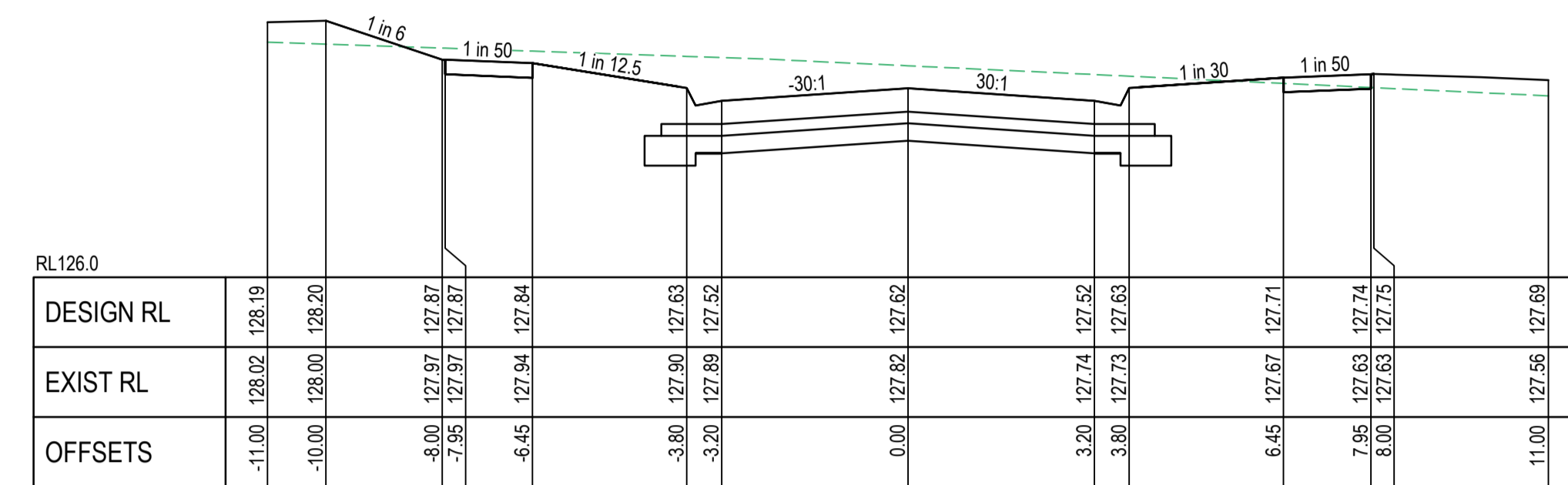
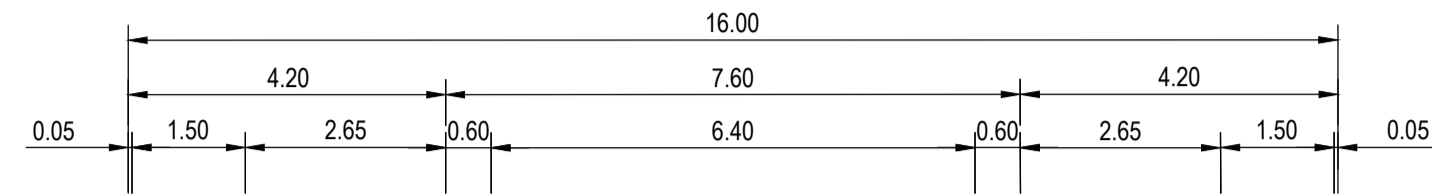


PRELIMINARY

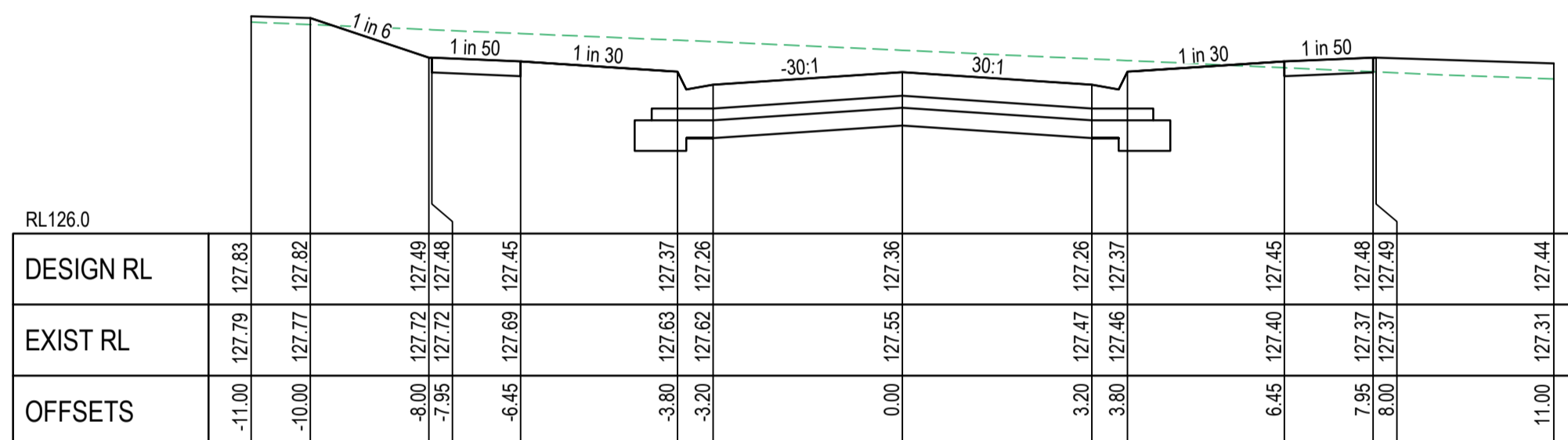
AMENDMENTS		 breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF.	354-C-12	ASPIRE ESTATE STAGE 28 SLAVKO DRIVE SHEET 2 OF 2		MUNICIPALITY	
SURVEY	BPD			MELTON	
DESIGN	J.B.			REFERENCE	
DRAWN	I.W.			8226 E/28	
CHECKED	-	SCALE	AS SHOWN	DATUM	AHD
DATE		DATE	AUG '21	SHEET	06 OF 15
		REMARKS			P2



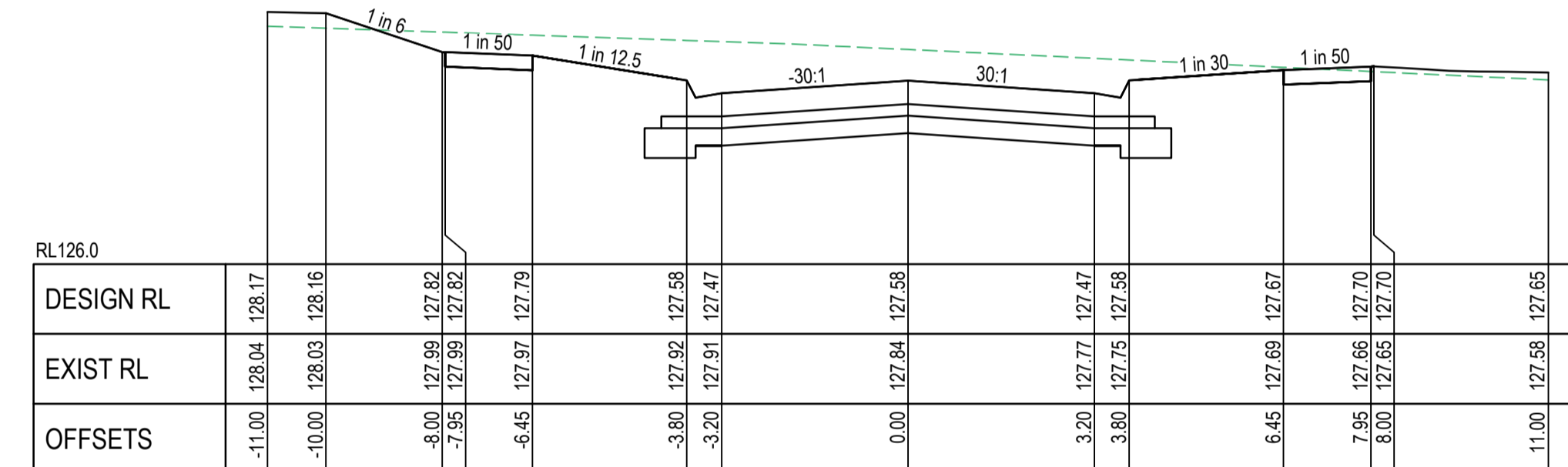
CH 249.55



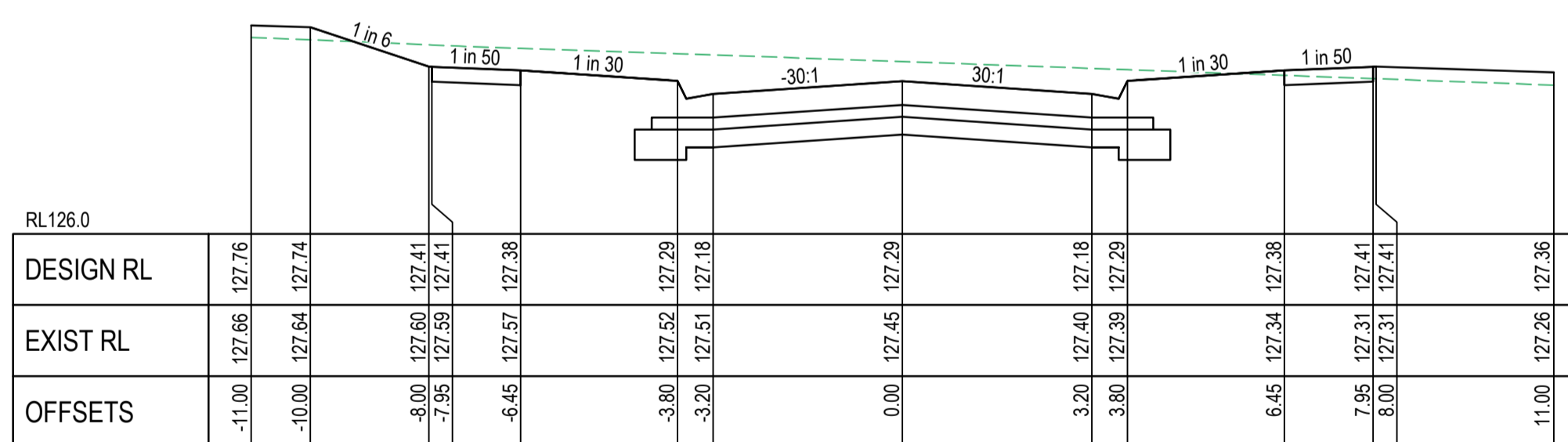
TP CH 277.15



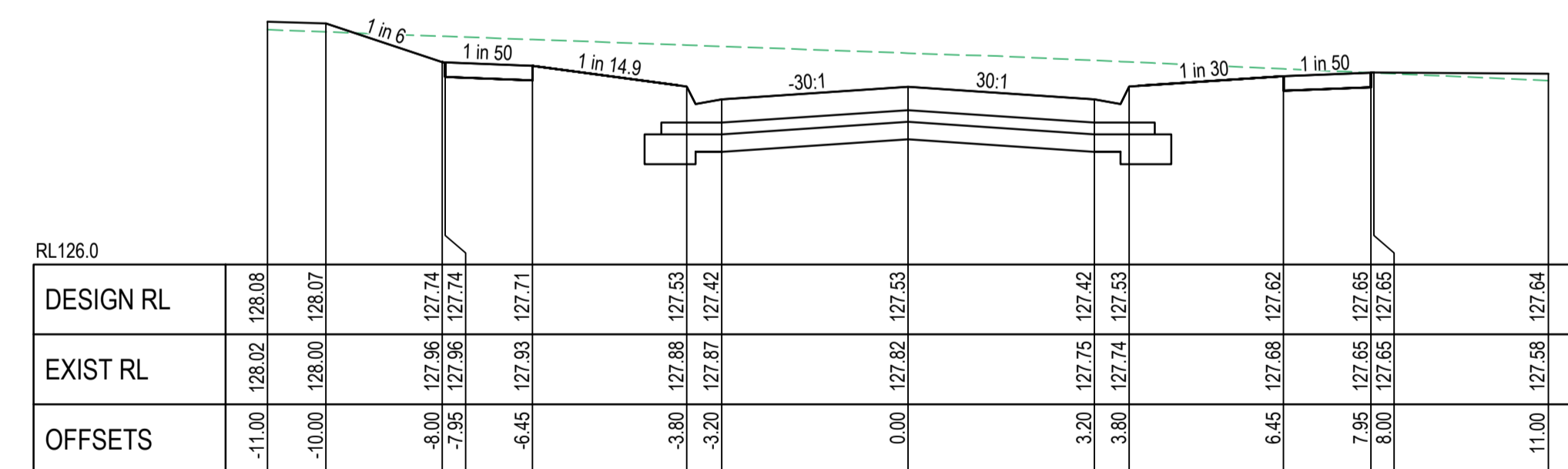
CH 237.05



TP CH 272.46



CH 224.55

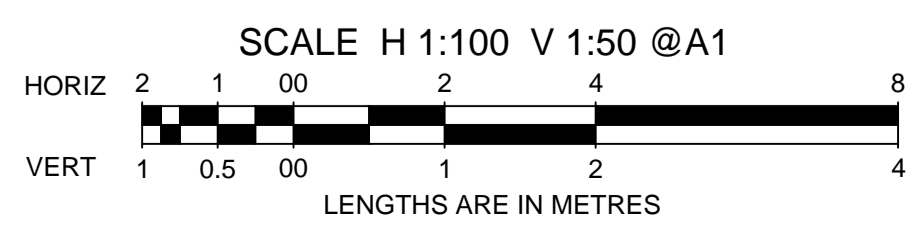


TP CH 264.07

FRANCA AVENUE

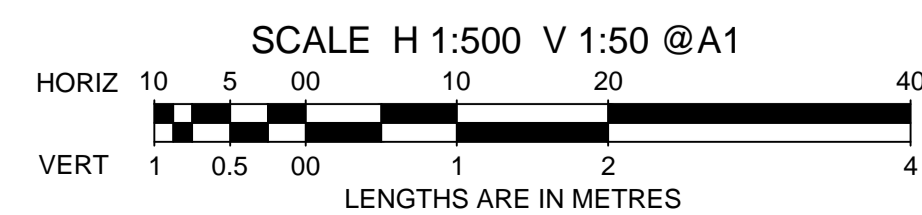
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50



LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

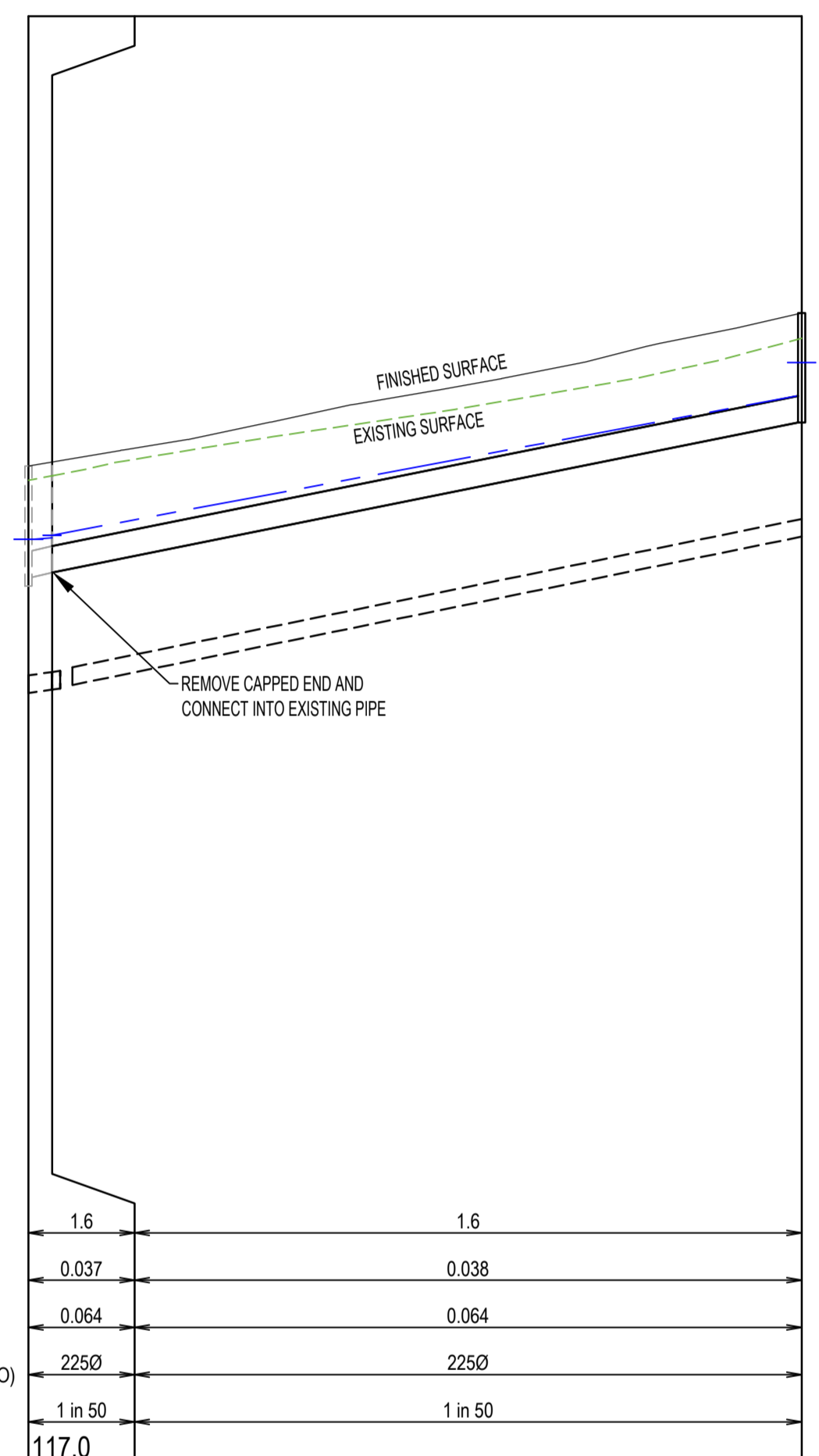


PRELIMINARY

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	MUNICIPALITY		
				SURVEY BPD	MELTON		
				DESIGN J.B	REFERENCE		
DRAWN I.W		ASPIRE ESTATE STAGE 28 FRANCA AVENUE SHEET 2 OF 2		8226 E/28			
DATE	REMARKS	CHECKED -	SCALE AS SHOWN	DATUM AHD	DATE AUG '21	SHEET 08 OF 15	P2

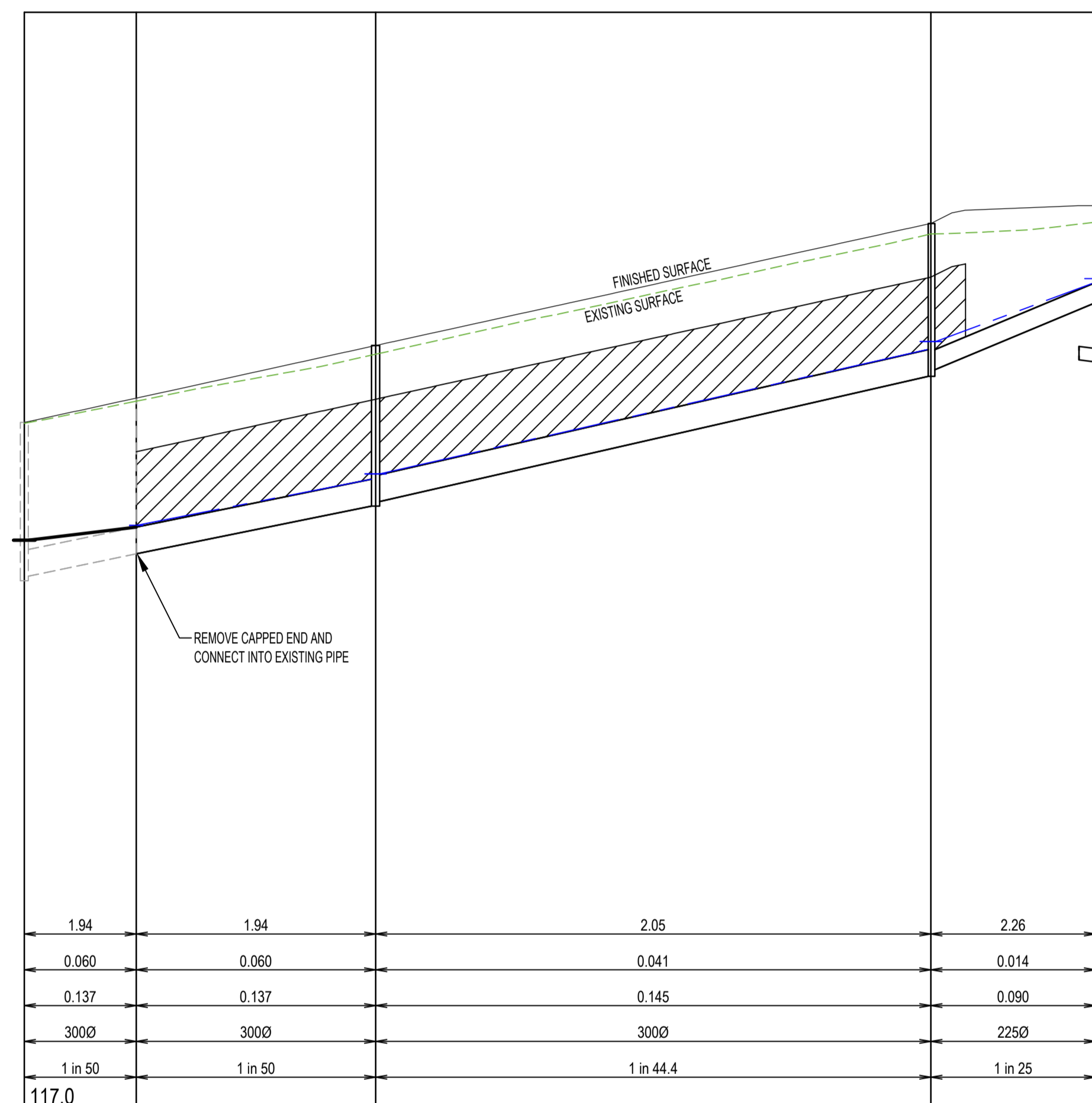
EXISTING STAGE 27 PROPOSED STAGE 28

208 209 210

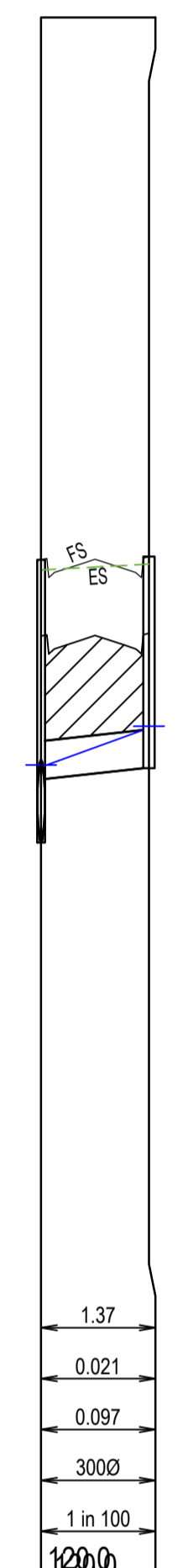


EXISTING STAGE 27 PROPOSED STAGE 28

94 117 117A 118 213

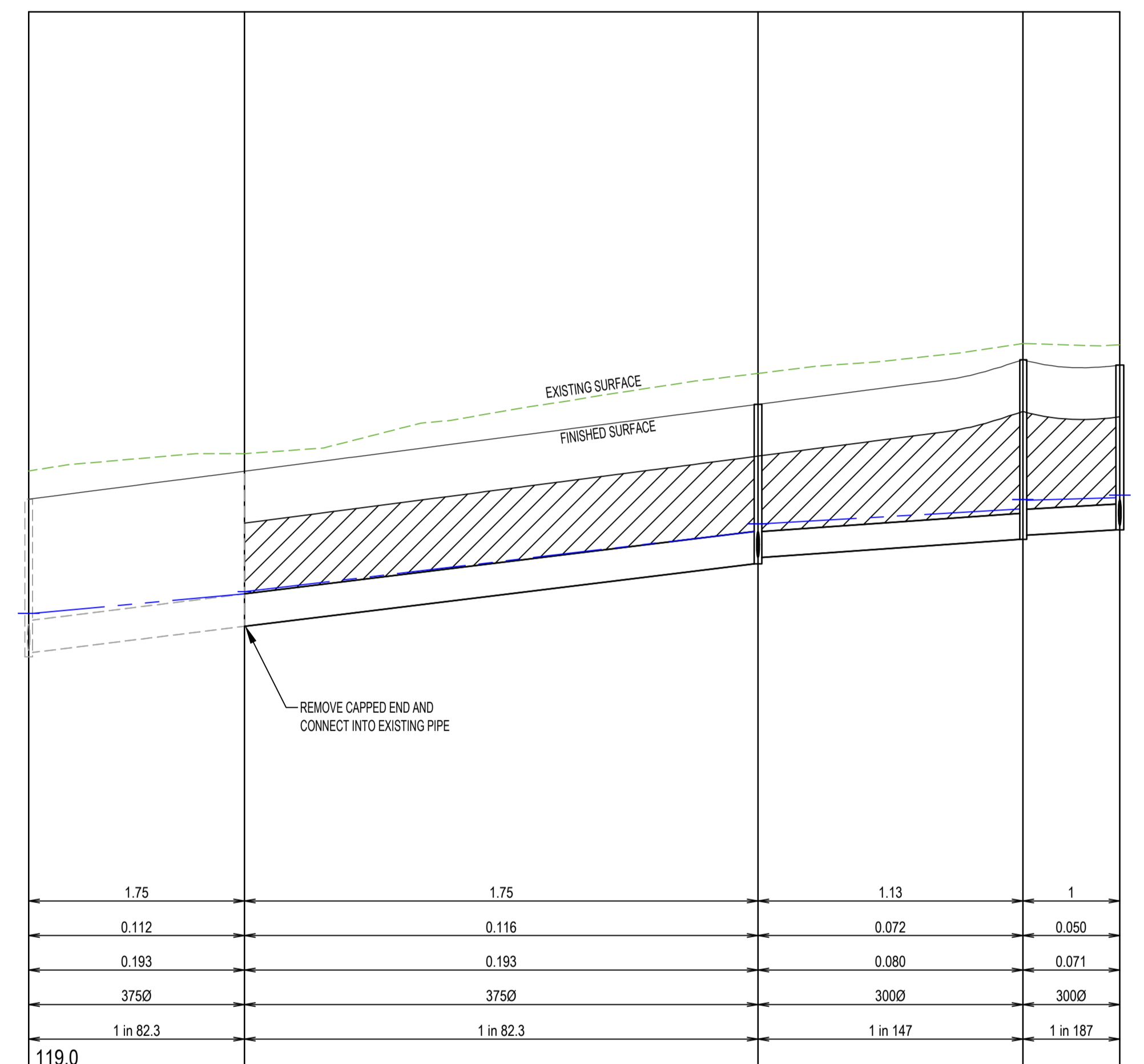


215 119



EXISTING STAGE 27 PROPOSED STAGE 28

222 227 223 224 225

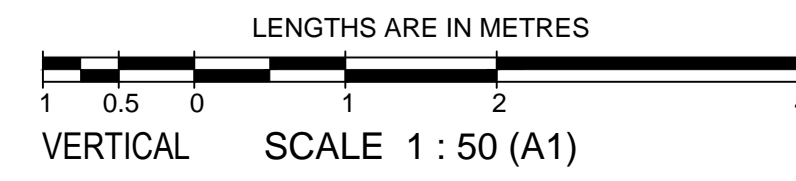
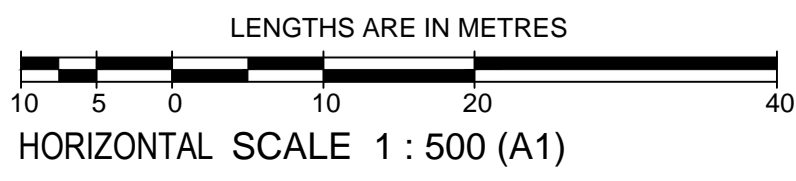


VELOCITY (m/s)	1.6	1.6
DESIGN (m3/s)	0.037	0.038
CAPACITY (m3/s)	0.064	0.064
DIAMETER AND TYPE (CLASS 2 UNO)	2250	2250
GRADE	1 in 50	1 in 50
DATUM	117.0	
DEPTH TO INVERT	1.018	0.927
HGL LEVEL	124.775	126.085
INVERT	124.475	125.860
FINISHED SURFACE	125.493	126.787
EXISTING SURFACE	125.570	126.573
CHAINAGE	117.989	162.888

1.769	1.719	1.741	1.741	1.793	1.743	1.770	1.635	1.098
123.247	123.401	123.547	123.247	124.082	124.141	125.530	125.616	126.286
124.716	124.917	124.988	124.988	125.576	125.632	126.940	126.622	127.140
124.707	124.854	124.854	124.854	125.478	125.576	126.622	126.603	126.956
124.716	124.917	124.988	124.988	125.576	125.632	126.940	126.622	127.140
124.716	124.917	124.988	124.988	125.576	125.632	126.940	126.622	127.140
124.716	124.917	124.988	124.988	125.576	125.632	126.940	126.622	127.140
124.716	124.917	124.988	124.988	125.576	125.632	126.940	126.622	127.140
124.716	124.917	124.988	124.988	125.576	125.632	126.940	126.622	127.140
124.716	124.917	124.988	124.988	125.576	125.632	126.940	126.622	127.140

1.827	1.777	1.848	1.773	2.082	2.032	1.910	1.860
124.203	124.333	125.280	125.369	126.539	126.642	126.671	126.701
123.878	124.008	124.905	124.905	125.188	125.238	125.298	125.348
123.878	124.008	124.905	124.905	125.188	125.238	125.298	125.348
123.878	124.008	124.905	124.905	125.188	125.238	125.298	125.348
123.878	124.008	124.905	124.905	125.188	125.238	125.298	125.348
123.878	124.008	124.905	124.905	125.188	125.238	125.298	125.348
123.878	124.008	124.905	124.905	125.188	125.238	125.298	125.348
123.878	124.008	124.905	124.905	125.188	125.238	125.298	125.348
123.878	124.008	124.905	124.905	125.188	125.238	125.298	125.348

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

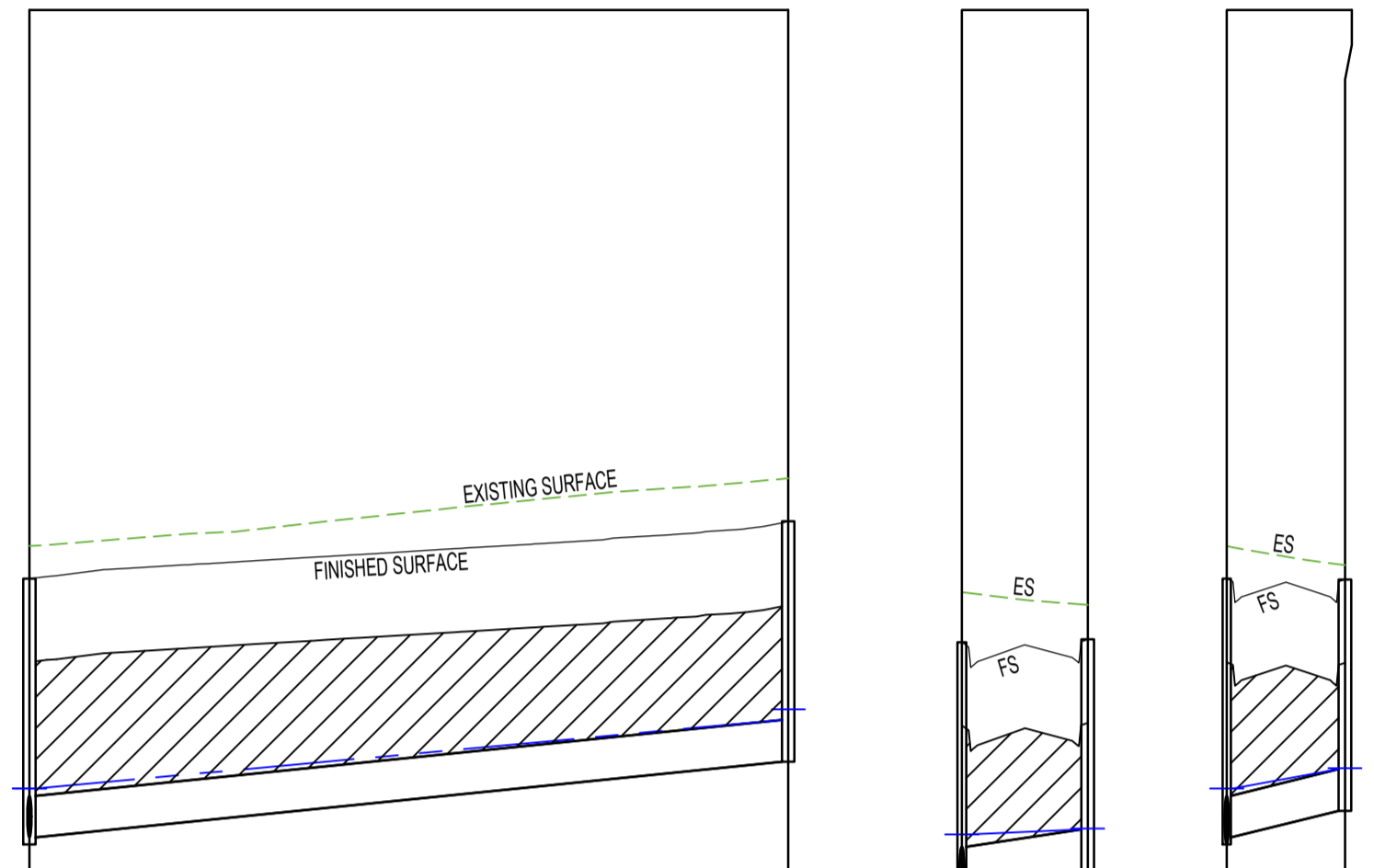


PRELIMINARY

AMENDMENTS				1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 354-C-12		ASPIRE ESTATE STAGE 28		MUNICIPALITY	
SURVEY BPD				MELTON	
DESIGN J.B		DRAINAGE LONGITUDINAL SECTIONS - SHEET 1		REFERENCE	
DRAWN I.W				8226 E/28	
VER	DATE	REMARKS	CHECKED -	SCALE AS SHOWN	DATUM AHD
				DATE AUG '21	SHEET 05 OF 15

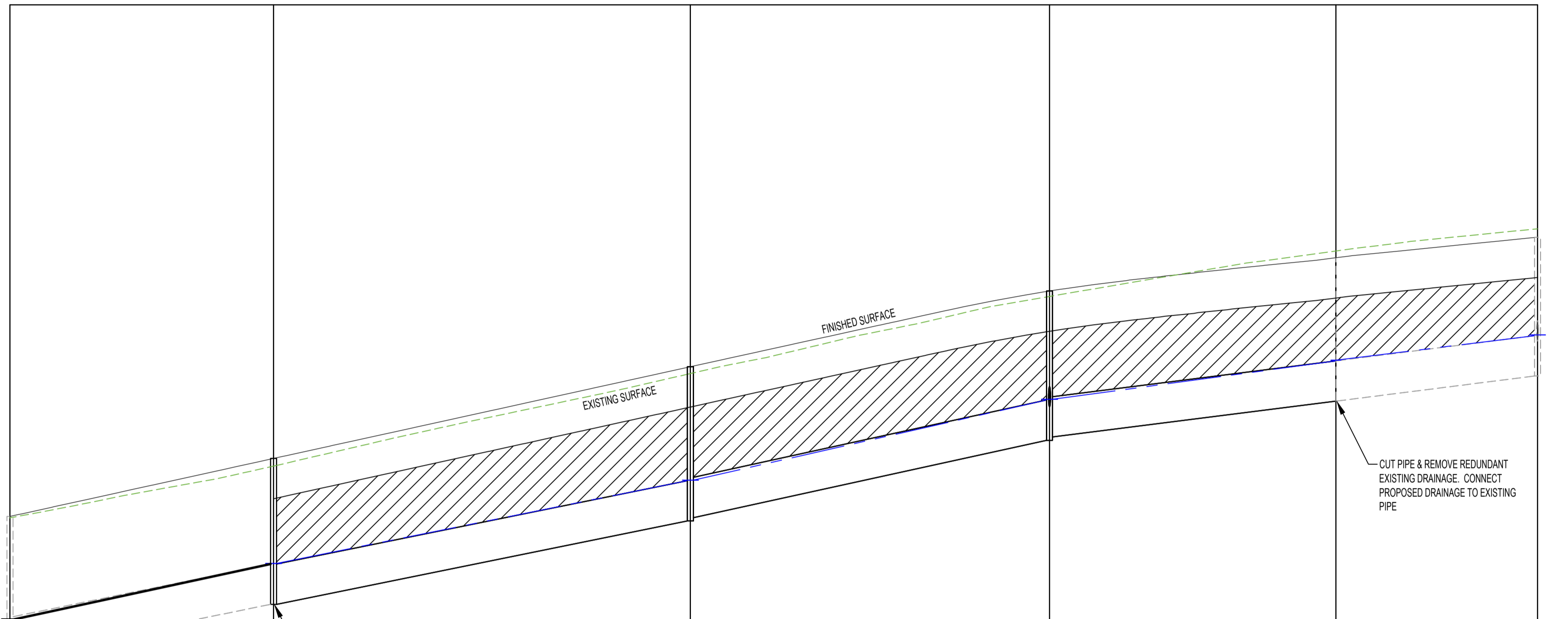
← EXISTING STAGE 27 | PROPOSED STAGE 28 →

225 226 223 232 225 233



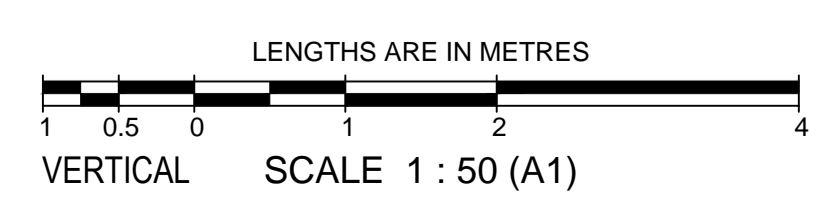
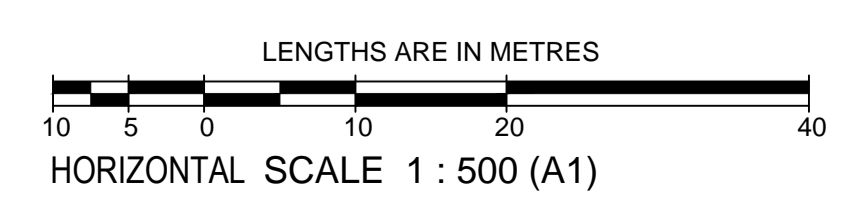
VELOCITY (m/s)	1.37		1.62		2.06	
DESIGN (m ³ /s)	0.033		0.009		0.009	
CAPACITY (m ³ /s)	0.097		0.114		0.145	
DIAMETER AND TYPE (CLASS 2 UNO)	3000		3000		3000	
GRADE	1 in 100		1 in 71.5		1 in 44.3	
DATUM	119.0		119.0		119.0	
DEPTH TO INVERT	1.910 1.860	1.910 1.860	1.910 1.860	1.910 1.860	1.910 1.860	1.910 1.860
HGL LEVEL	125.671 125.701	125.671 125.701	125.671 125.701	125.671 125.701	125.671 125.701	125.671 125.701
INVERT	125.298 125.348	125.298 125.348	125.298 125.348	125.298 125.348	125.298 125.348	125.298 125.348
FINISHED SURFACE	127.209 127.209	127.209 127.209	127.209 127.209	127.209 127.209	127.209 127.209	127.209 127.209
EXISTING SURFACE	127.444 127.444	127.444 127.444	127.444 127.444	127.444 127.444	127.444 127.444	127.444 127.444
CHAINAGE	115.632 170.205	127.931 127.621	126.194 126.270	125.894 126.194	125.894 126.194	125.894 126.194
	L=54.572		L=9.048		L=8.500	

211 212 212A 215 215A 120A



VELOCITY (m/s)	3.07		3.07		3.19		2.43		2.43	
DESIGN (m ³ /s)	0.197		0.194		0.192		0.170		0.172	
CAPACITY (m ³ /s)	0.869		0.869		0.902		0.687		0.687	
DIAMETER AND TYPE (CLASS 2 UNO)	6000		6000		6000		6000		6000	
GRADE	1 in 50		1 in 50		1 in 46.4		1 in 80		1 in 80	
DATUM	119.0		119.0		119.0		119.0		119.0	
DEPTH TO INVERT	2.145 2.095	2.145 2.095	2.145 2.095	2.145 2.095	2.145 2.095	2.145 2.095	2.145 2.095	2.145 2.095	2.145 2.095	2.145 2.095
HGL LEVEL	123.137 123.144	123.137 123.144	123.137 123.144	123.137 123.144	123.137 123.144	123.137 123.144	123.137 123.144	123.137 123.144	123.137 123.144	123.137 123.144
INVERT	122.537 122.587	122.537 122.587	122.537 122.587	122.537 122.587	122.537 122.587	122.537 122.587	122.537 122.587	122.537 122.587	122.537 122.587	122.537 122.587
FINISHED SURFACE	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682
EXISTING SURFACE	124.661 124.661	124.661 124.661	124.661 124.661	124.661 124.661	124.661 124.661	124.661 124.661	124.661 124.661	124.661 124.661	124.661 124.661	124.661 124.661
CHAINAGE	42.059 124.682	122.537 123.144	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682	124.682 124.682
	L=39.239		L=62.044		L=53.461		L=42.637		L=30.000	

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



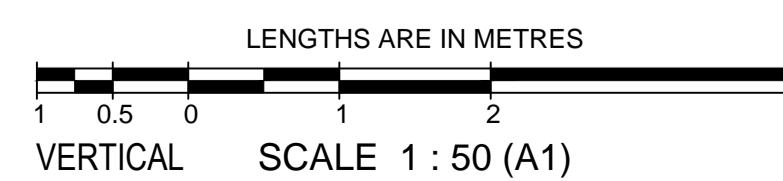
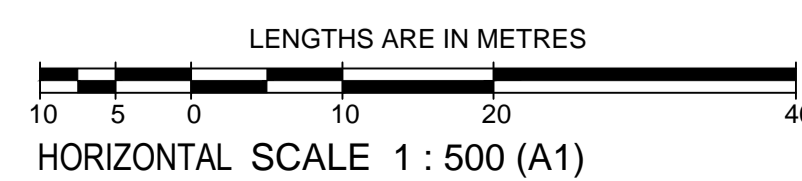
PRELIMINARY

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 28			MUNICIPALITY	MELTON					
	SURVEY	BPD				REFERENCE	8226 E/28					
	DESIGN	J.B				DRAINAGE LONGITUDINAL SECTIONS - SHEET 2						
DRAWN	I.W	CHECKED	-	SCALE	AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET	10 OF 15	P2

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			
117	End of Pipe (Existing)			300	123.247	300	123.247			124.988	1.741	Remove Capped End and Connect into Existing Drainage Pipe.
117A	Channel Grating Pit	600	900	300	123.832	300	123.782			125.576	1.793	EDCM601-EDCM605 with Class B Cover. E: 299245.5828, N: 5825134.5379 / E: 299245.7047, N: 5825135.4296
118	Channel Grating Pit	600	900	225	125.305	300	125.23			126.94	1.71	EDCM601-EDCM605 with Class B Cover. E: 299253.9850, N: 5825196.0108 / E: 299254.1068, N: 5825196.9025
119	Channel Grating Pit	600	900			300	126.398			128.062	1.663	EDCM601-EDCM605 with Class B Cover.
209	End of Pipe (Existing)			225	124.59	225	124.59			125.526	0.936	Remove Capped End and Connect into Existing Drainage Pipe.
210	Junction Pit	600	900			225	125.86			126.787	0.927	EDCM607 with Class B Cover. E: 299218.4898, N: 5825177.9889 / E: 299217.5981, N: 5825178.1103
212	Junction Pit	900	900	600	123.372	600	123.372			125.544	2.172	Remove Capped End & Construct Proposed Drainage Structure around Existing Pipe. EDCM607 with Class B Cover. E: 299253.4101, N: 5825133.4680 / E: 299253.5319, N: 5825134.3598
212A	Junction Pit	900	900	600	124.662	600	124.612			126.909	2.297	EDCM607 with Class B Cover. E: 299261.8123, N: 5825194.9409 / E: 299261.9341, N: 5825195.8327
213	Junction Pit	600	900			225	126.041			127.14	1.098	EDCM607 with Class B Cover. E: 299235.7812, N: 5825198.5040 / E: 299235.9034, N: 5825199.3956
215	Junction Pit	900	900	600	125.864	600	125.814	300	126.313	128.038	2.224	EDCM607 with Class B Cover. E: 299269.0511, N: 5825247.9029 / E: 299269.1729, N: 5825248.7946
215A	End of Pipe			600	126.397	600	126.397			128.533	2.136	Cut Pipe & Remove Redundant Existing Drainage. Connect Proposed Drainage to Existing Pipe.
223	Channel Grating Pit	600	900	300	124.98	375	124.905	300	124.98	126.753	1.848	EDCM601-EDCM605 with Class B Cover. E: 299178.2128, N: 5825182.8158 / E: 299178.3341, N: 5825183.7075
224	Junction Pit	600	900	300	125.238	300	125.188			127.27	2.082	EDCM607 with Class B Cover. E: 299182.3518, N: 5825213.2214 / E: 299182.4732, N: 5825214.1132
225	Channel Grating Pit	600	900	300	125.348	300	125.298	300	125.348	127.209	1.91	EDCM601-EDCM605 with Class B Cover. E: 299191.8886, N: 5825218.2677 / E: 299192.6933, N: 5825218.6708
226	Junction Pit	600	900			300	125.894			127.621	1.727	EDCM607 with Class B Cover. E: 299240.6821, N: 5825242.7084 / E: 299241.4868, N: 5825243.1115
227	End of Pipe (Existing)			375	124.182	375	124.182			125.978	1.795	Remove Capped End and Connect into Existing Drainage Pipe.
232	Channel Grating Pit	600	900			300	125.107			126.773	1.666	EDCM601-EDCM605 with Class B Cover. E: 299186.4587, N: 5825184.8219 / E: 299186.5800, N: 5825185.7137
233	Channel Grating Pit	600	900			300	125.54			127.204	1.663	EDCM601-EDCM605 with Class B Cover. E: 299195.4267, N: 5825211.2043 / E: 299196.2314, N: 5825211.6074

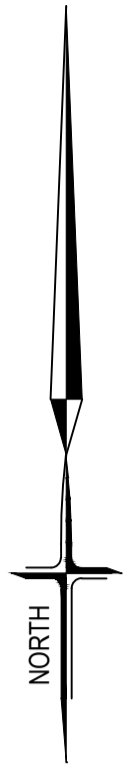
LEGEND:

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



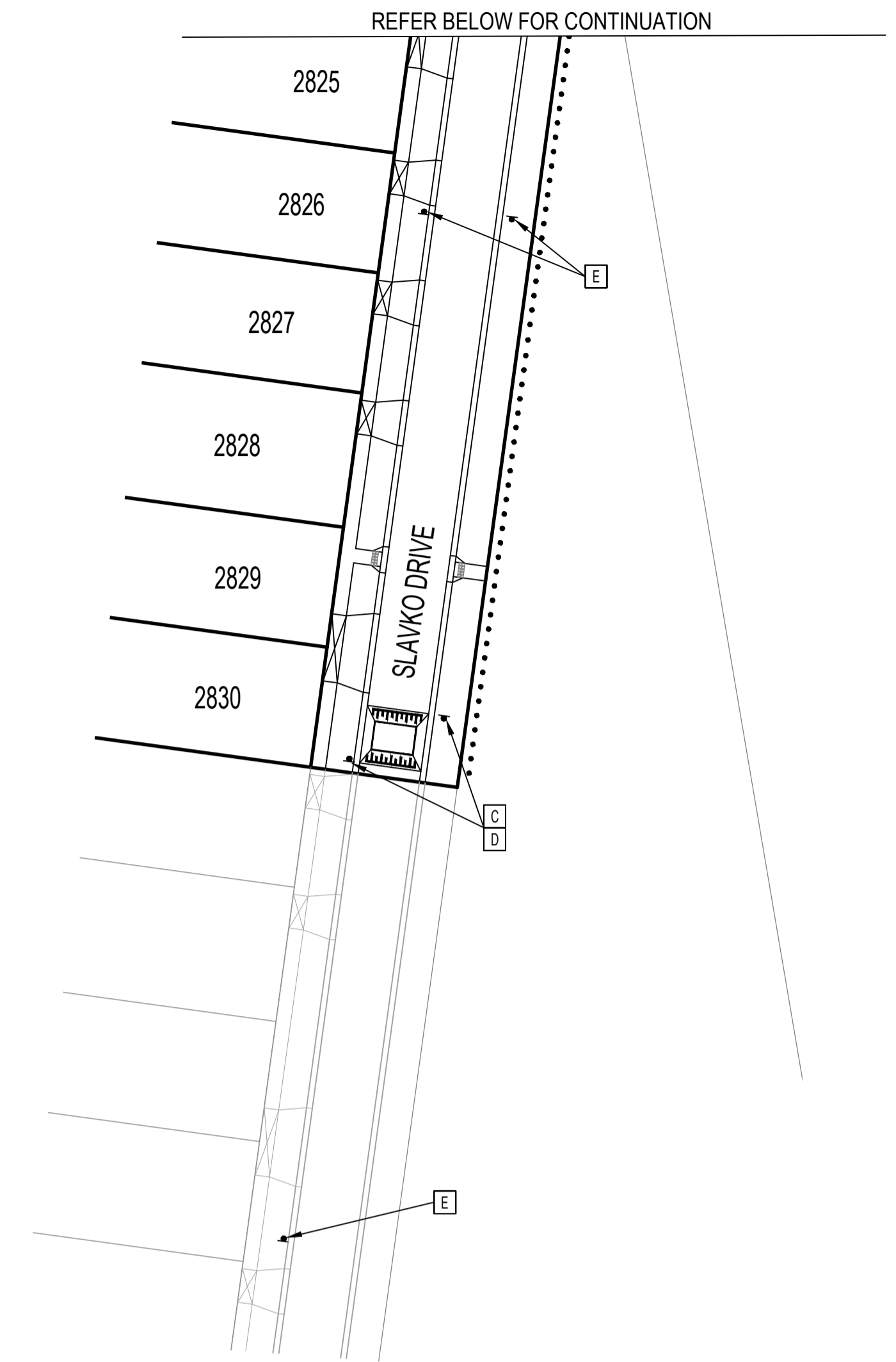
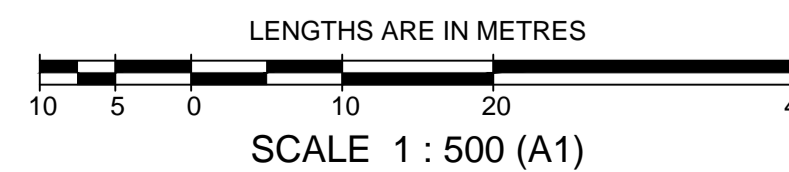
PRELIMINARY

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 28 DRAINAGE STRUCTURE DETAILS		MUNICIPALITY MELTON	
				SURVEY BPD				REFERENCE 8226 E/28	
				DESIGN J.B				DATE AUG '21	
				DRAWN I.W				SHEET 11 OF 15 P2	
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE			








PLAN
SCALE 1:500

REFER ABOVE FOR CONTINUATION




PLAN
SCALE 1:500

SIGNAGE LEGEND

-  A STREET SIGNS (S-1)
-  B "GIVEWAY" SIGN (R1-2)
-  C "ROAD HUMPS" SIGN (W5-10)
-  D SPEED SIGN (W8-2)
-  E "SPEED HUMPS AHEAD" SIGN (W3-4A)

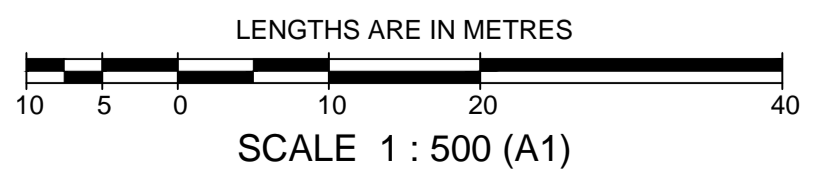
PRELIMINARY

AMENDMENTS				 breese pitt dixon pty. ltd. land surveyors civil engineers		MELWAY REF. 354-C-12		ASPIRE ESTATE STAGE 28 SIGNAGE & LINEMARKING PLAN		MUNICIPALITY MELTON	
						SURVEY BPD				REFERENCE 8226 E/28	
						DESIGN J.B					
						DRAWN I.W					
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE AUG '21	SHEET 12 OF 15	P2			

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



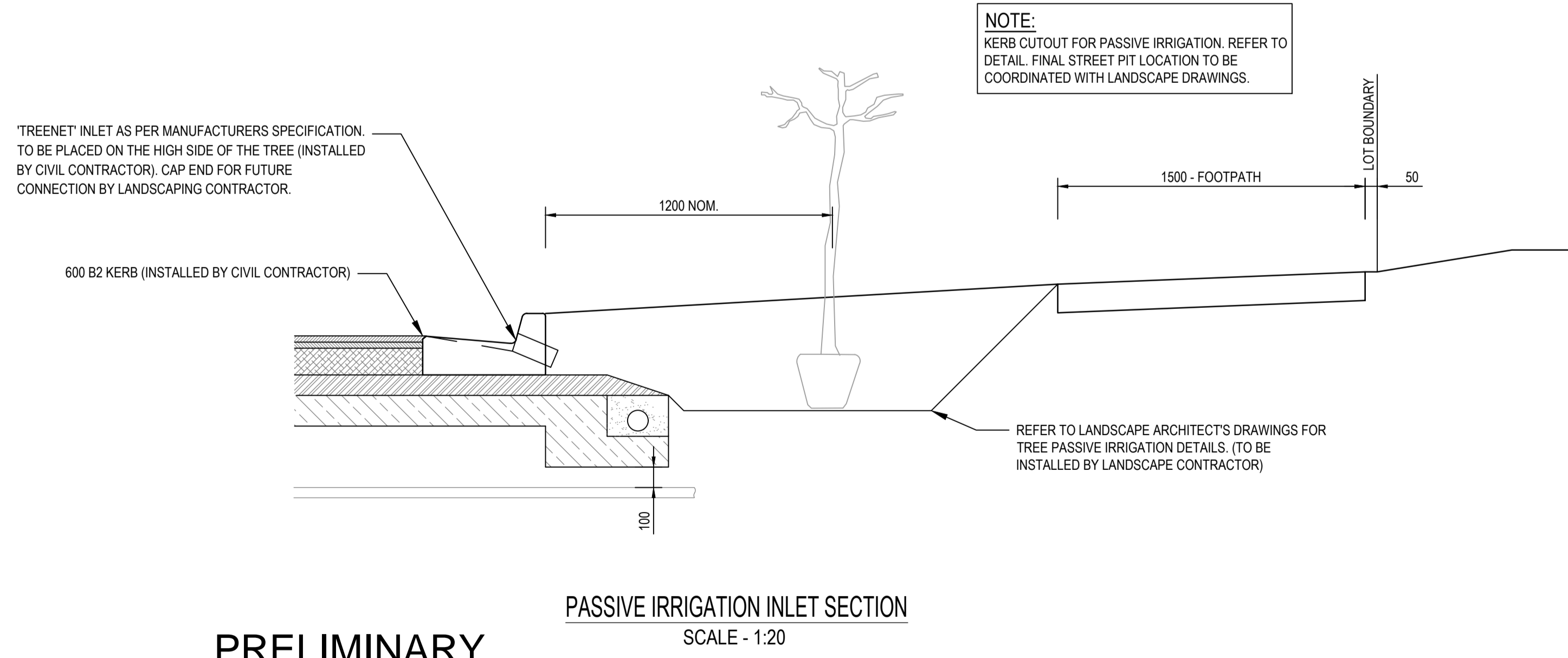
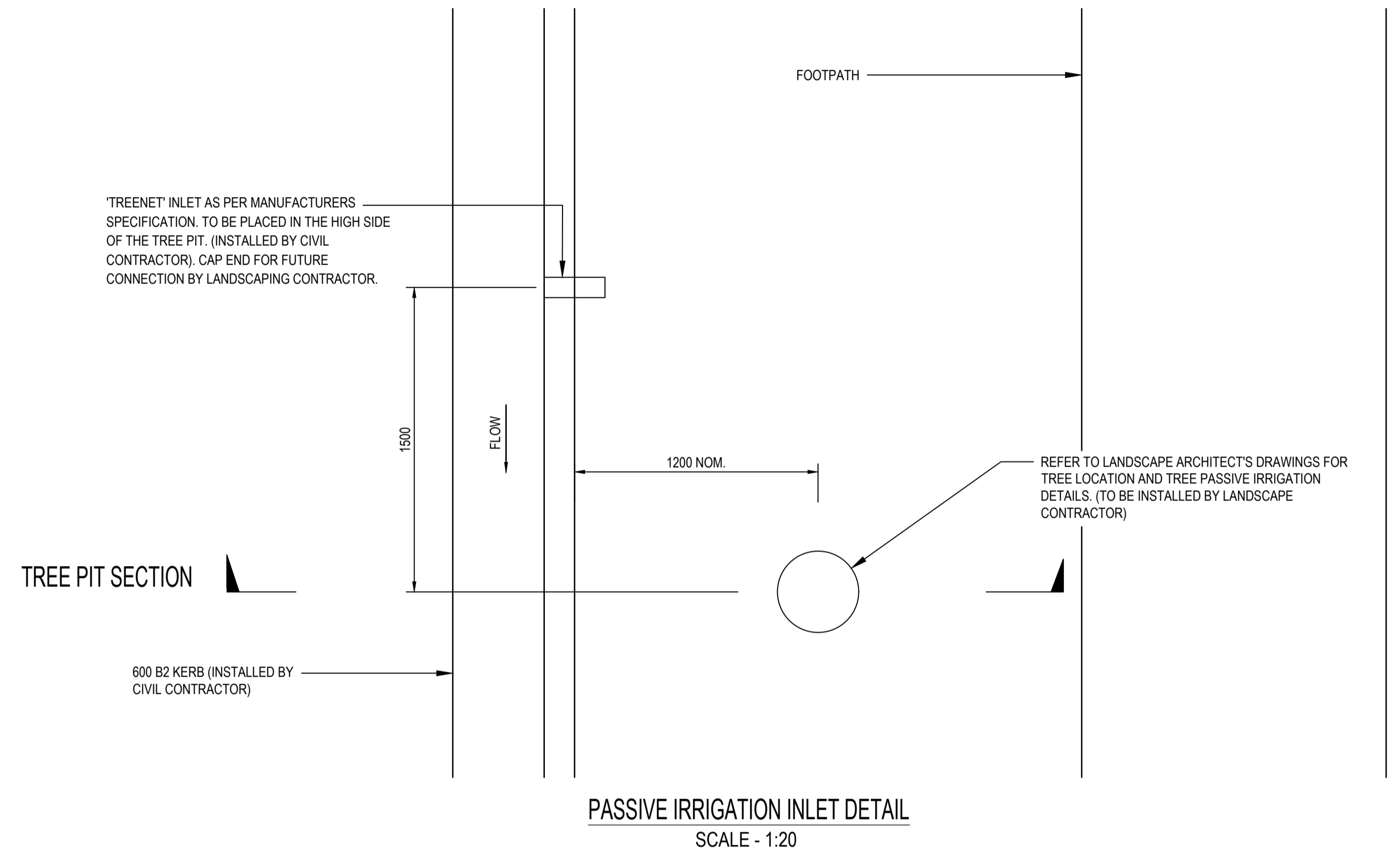
PLAN
SCALE 1:500



LEGEND

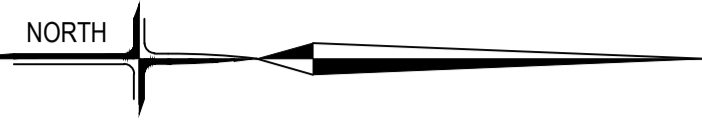
- PROPOSED PASSIVE IRRIGATION TREE PITS
- EXISTING PASSIVE IRRIGATION TREE PITS

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



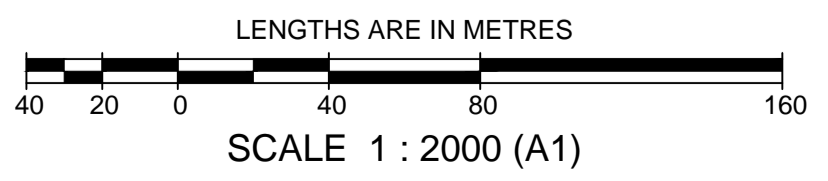
PRELIMINARY

				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		MUNICIPALITY MELTON REFERENCE 8226 E/28	
		ASPIRE ESTATE STAGE 28 PASSIVE IRRIGATION PLAN		MUNICIPALITY MELTON REFERENCE 8226 E/28	
AMENDMENTS	VER	DATE	REMARKS	CHECKED	-
				SCALE	AS SHOWN
				DATUM	AHD
				DATE	AUG '21
				SHEET	13 OF 15
					P2




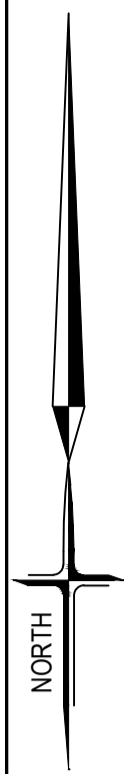
- LEGEND:**
- - - POTENTIAL BUS ROUTE (AS PER PSP)
 - TV BUS STOP LOCATION
 - - - 3.0m WIDE SHARED PATH
 - - - 2.0m WIDE SHARED PATH
 - - - 1.5m WIDE FOOTPATH
 - - - ON ROAD BIKE LANE (BOTH SIDES) AS PER PSP

PLAN
SCALE 1:2000

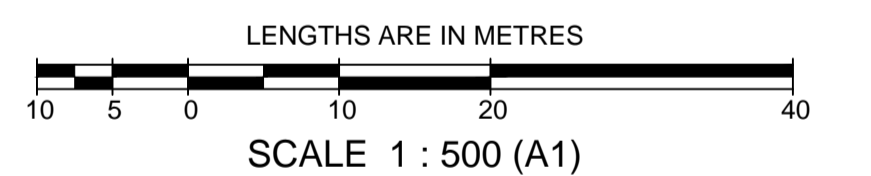


PRELIMINARY

<table border="1"> <tr><td>AMENDMENTS</td><td></td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>		AMENDMENTS								 <p>breese pitt dixon pty. ltd. land surveyors civil engineers</p>	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		AMENDMENTS										
MELWAY REF. 354-C-12	ASPIRE ESTATE STAGE 28 MOBILITY PLAN		MUNICIPALITY MELTON									
SURVEY BPD			REFERENCE 8226 E/28									
DESIGN J.B.												
DRAWN I.W.												
VER	DATE	REMARKS	CHECKED -	SCALE AS SHOWN	DATUM AHD	DATE AUG '21	SHEET 17 OF 19	P1				



PLAN
SCALE 1:500



SYMBOL LEGEND		
Drains		Ex/Natural/FS Level
Main Drains		FS @ Building Line
Sewer < 3000		Top/Toe of Batter
Water (DW)		Top Ret. Wall Level
Water (NDW)		100yr Flood Level
House Drain		Fill Proposed (<0.3m/±0.3m)
Property Inlet		Cut Proposed
Street Sign		Asphalt Surface Prop
FSM		Concrete Surface Prop (Paths/Driveways/Slabs)
Rock Ret Wall		Tree To Be Removed
Sleeper Ret Wall		Tree To Be Retained with Tree Protection Zone (TPZ)
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		

PRELIMINARY

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.	354-C-12	ASPIRE ESTATE STAGE 28 EARTHWORKS PLAN	MUNICIPALITY	MELTON								
	SURVEY	BPD		REFERENCE	8226 E/28								
	DESIGN	J.B											
	DRAWN	I.W											
VER.	DATE	REMARKS	CHECKED	-	SCALE	AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET	15 OF 15	P2