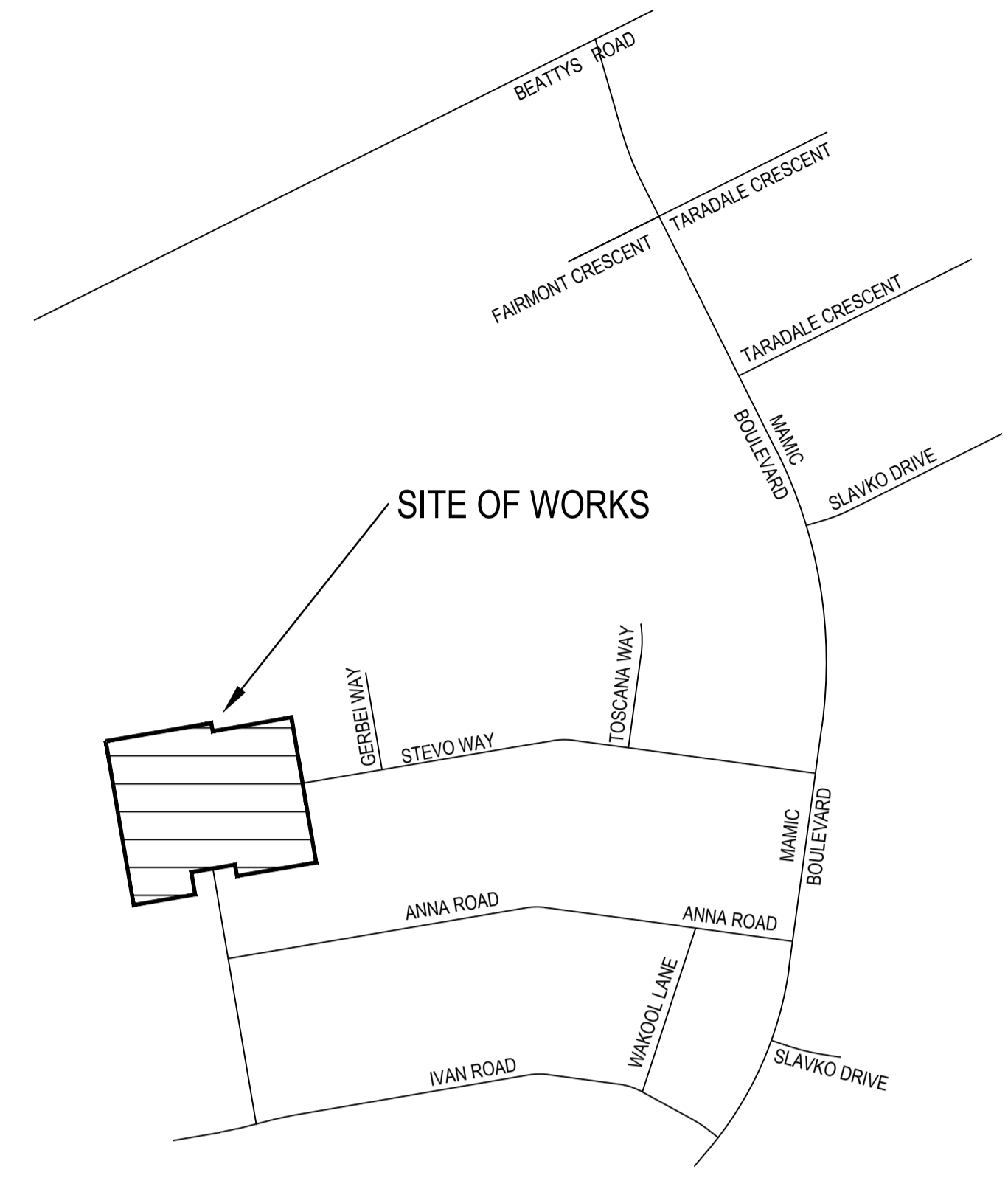


PLAN
SCALE 1:500



SITE LOCALITY PLAN
NOT TO SCALE

SHEET INDEX

SHT No.	VER	Description
1	P1	LAYOUT PLAN
2	P1	TYPICAL CROSS SECTIONS
3	P1	ROAD PAVEMENT DETAILS & NOTES
4	P1	INTERSECTION DETAIL PLANS
5	P1	LONGITUDINAL & CROSS SECTIONS FAIRMONT CRESCENT
6	P1	LONGITUDINAL & CROSS SECTIONS STEVO WAY
7	P1	DRAINAGE LONGITUDINAL SECTIONS DRAINAGE PIT DETAILS
8	P1	SIGNAGE & LINEMARKING PLAN
9	P1	PASSIVE IRRIGATION PLAN
10	P1	MOBILITY PLAN
11	P1	DRAINAGE CHANNEL DETAILS
12	P1	EARTHWORKS PLAN

NOTE:
KERB CUTOFF FOR PASSIVE IRRIGATION. REFER TO DETAIL ON SHEET 9. 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.

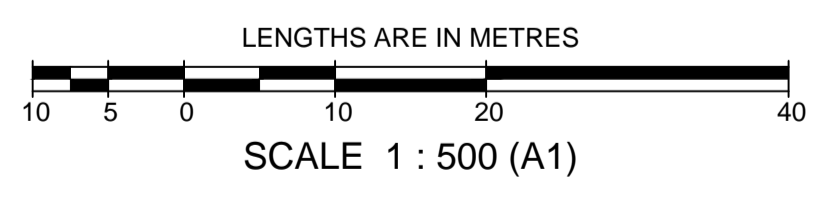
SERVICE OFFSETS AND LOCATION TABLE

Location	Gas	Water		Telecommunications		Electricity		BOK	Road Width	Joint Trenching	Street Classification
		NDW	DW	Cables	Pits	Cables	Poles				
STEVO WAY	2.10 N	2.60 N	1.80 S	1.80 S	2.30 S	1.00 BOK	4.20 N 4.20 S	6.20 E 6.20 W	16.00	G&W, FTH&E	ACCESS PLACE
FAIRMONT CRESCENT	2.10 W	2.60 W	1.80 E	2.50 E	2.30 E	1.00 BOK	6.20 E 6.20 W		20.00	G&W, FTH&E	ACCESS PLACE

NOTE: * OFFSET FROM BACK OF KERB

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.



SYMBOL LEGEND

Prop	Prev Stage	Ex/Natural/FS Level	+28.57	+28.57	+28.57
S	S	FS @ Building Line	+28.28.57	+28.28.57	+28.28.57
W	W	Top/Toe of Batter	+10P28.57	+10P28.57	+10P28.57
H	H	Top Ret. Wall Level	+10P28.57	+10P28.57	+10P28.57
100yr	100yr	100yr Flood Level	+FL28.57	+FL28.57	+FL28.57
Fill Proposed (<0.3m/±0.3m)		Fill Proposed (<0.3m/±0.3m)			
Cut Proposed		Cut Proposed			
Asphalt Surface Prop		Asphalt Surface Prop			
Concrete Surface Prop (Paths/Driveways/Slabs)		Concrete Surface Prop (Paths/Driveways/Slabs)			
Tree To Be Removed		Tree To Be Removed			
Tree To Be Retained with Tree Protection Zone (TPZ)		Tree To Be Retained with Tree Protection Zone (TPZ)			

breese pitt dixon pty. ltd.
land surveyors civil engineers

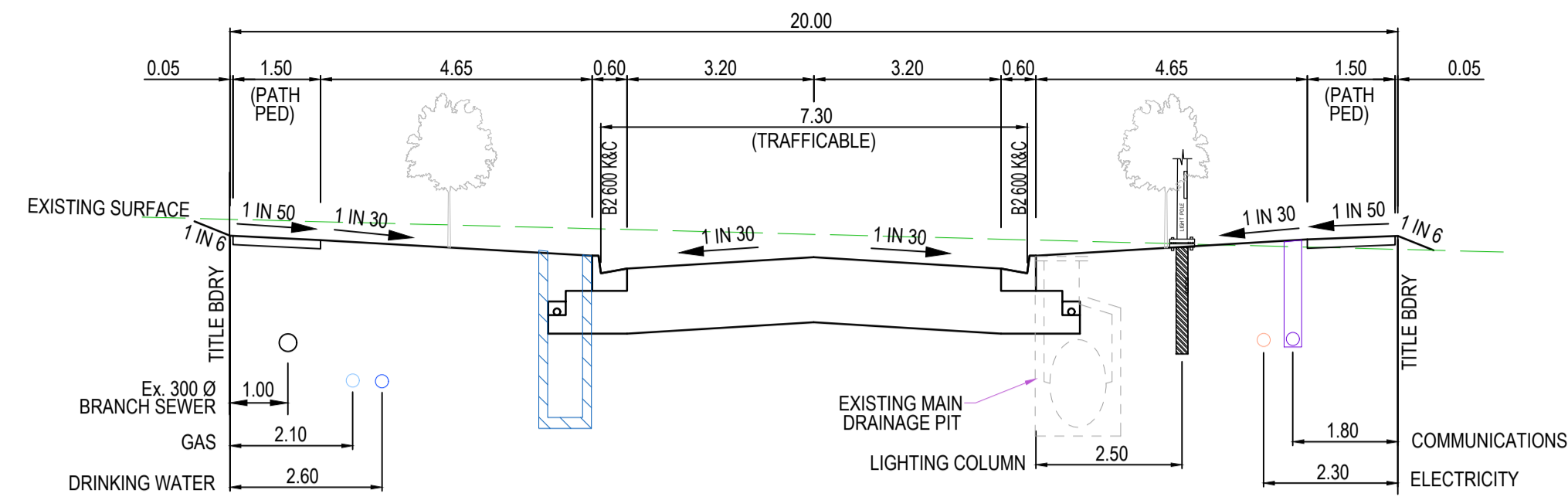
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

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

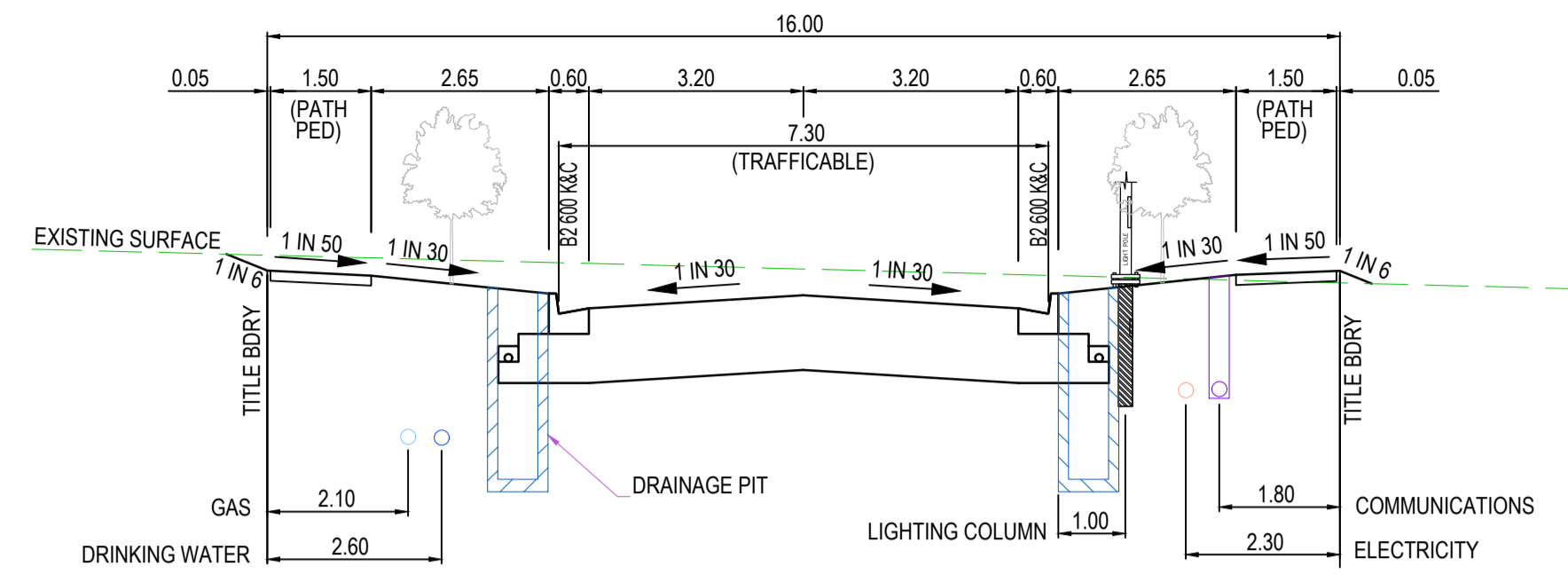
**ASPIRE ESTATE
STAGE 27A
LAYOUT PLAN**

MUNICIPALITY
MELTON
REFERENCE
8226 E/27A

VER	DATE	REMARKS	CHECKED	SCALE	DATUM	AHD	DATE	SHEET
				AS SHOWN	AHD		APRIL '21	1 OF 12

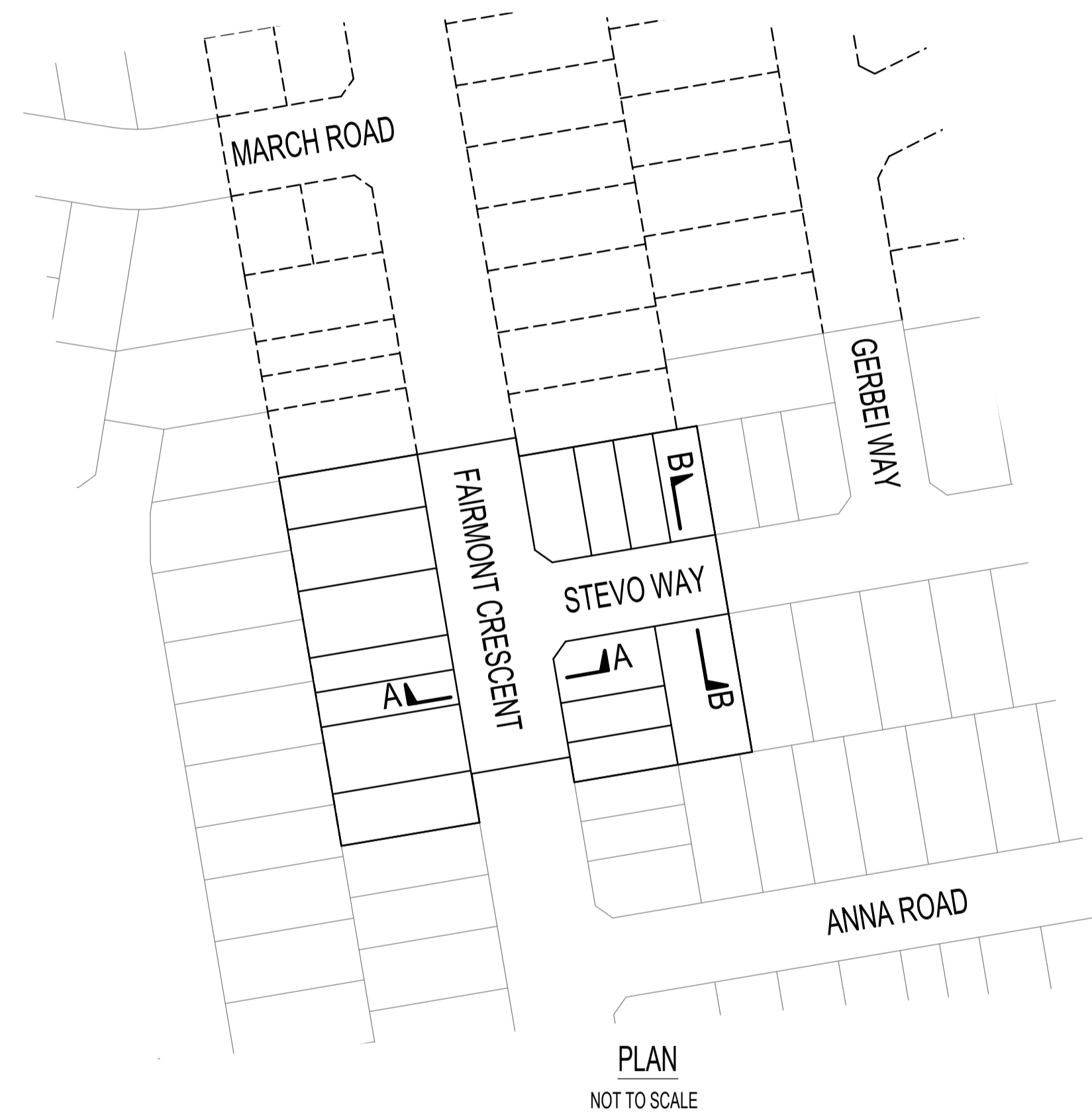


FAIRMONT CRESCENT
 TYPICAL SECTION A - A
 20.0m ROAD RESERVE
 LOCAL ACCESS STREET

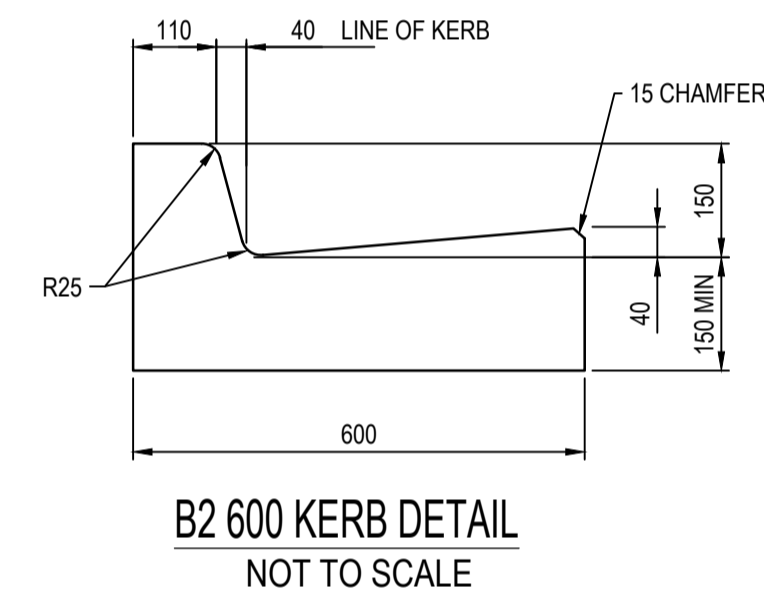


STEVO WAY
 TYPICAL SECTION B - B
 16.0m ROAD RESERVE
 LOCAL ACCESS STREET

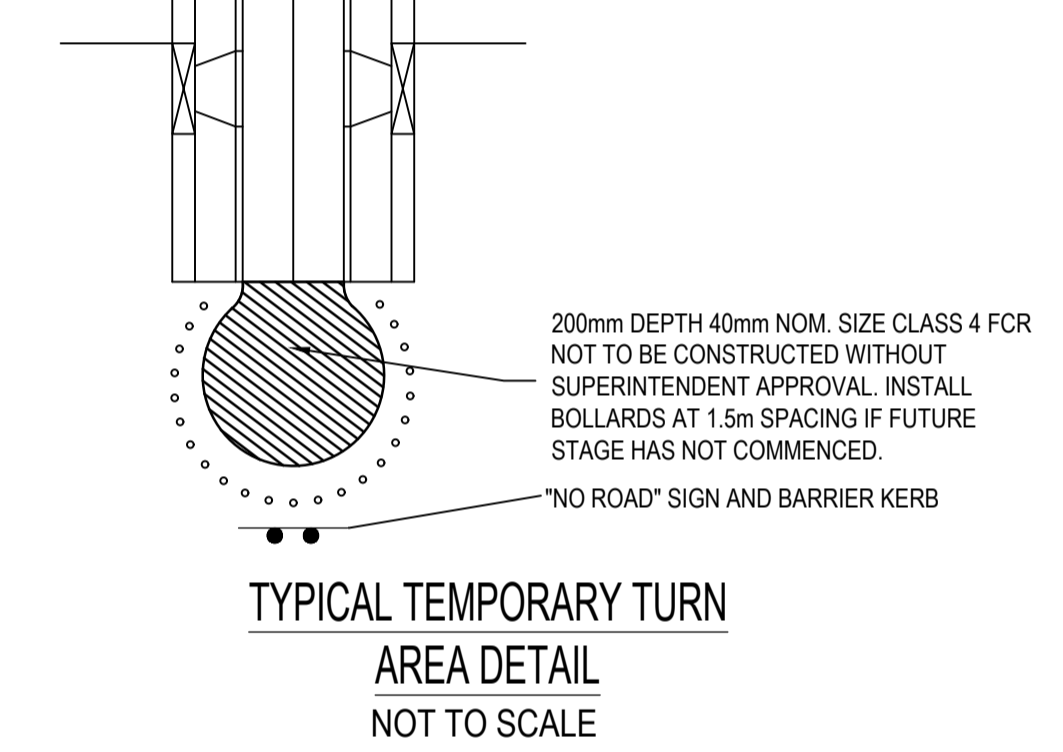
TYPICAL CROSS SECTIONS
 SCALE HORIZONTAL 1:100
 VERTICAL 1:50



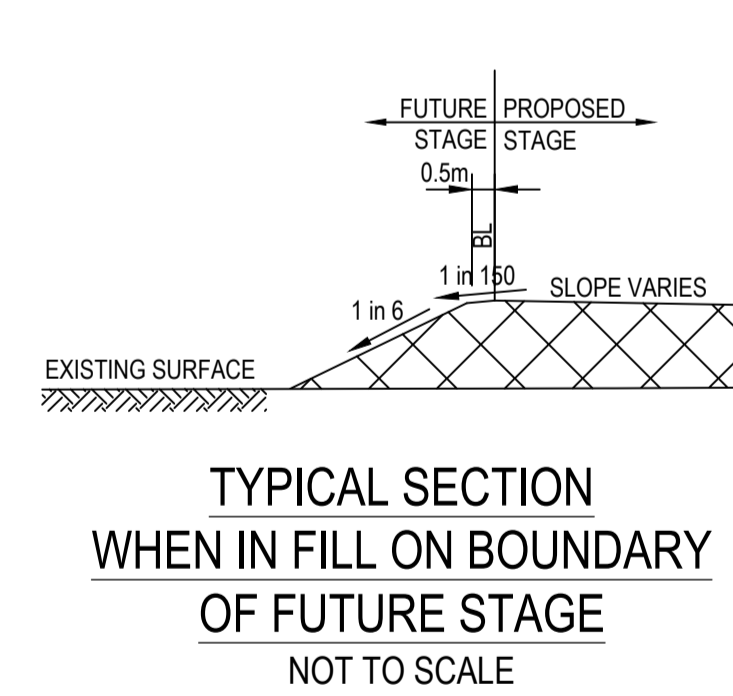
PLAN
 NOT TO SCALE



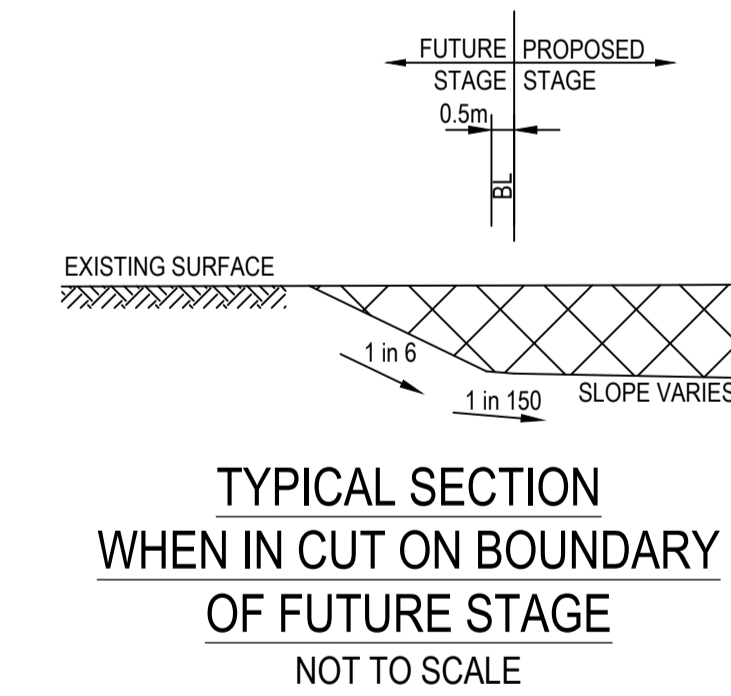
B2 600 KERB DETAIL
 NOT TO SCALE



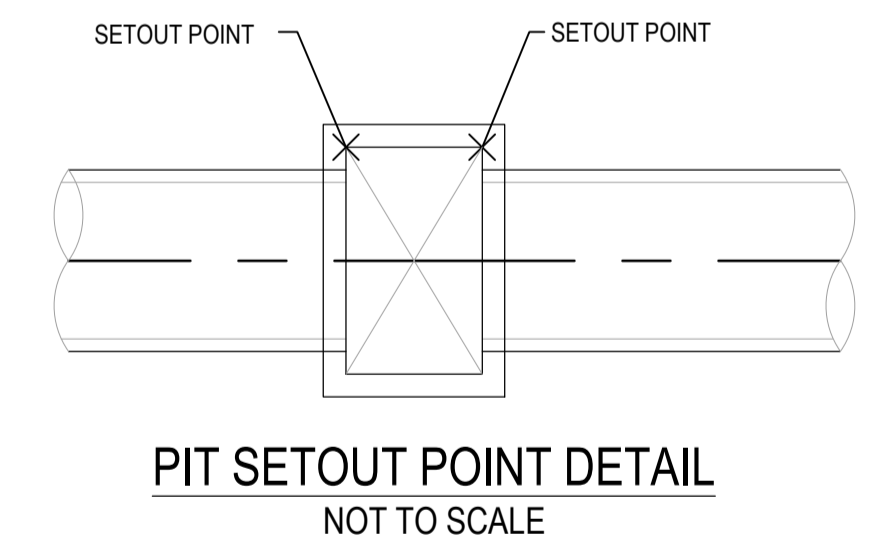
TYPICAL TEMPORARY TURN
 AREA DETAIL
 NOT TO SCALE




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



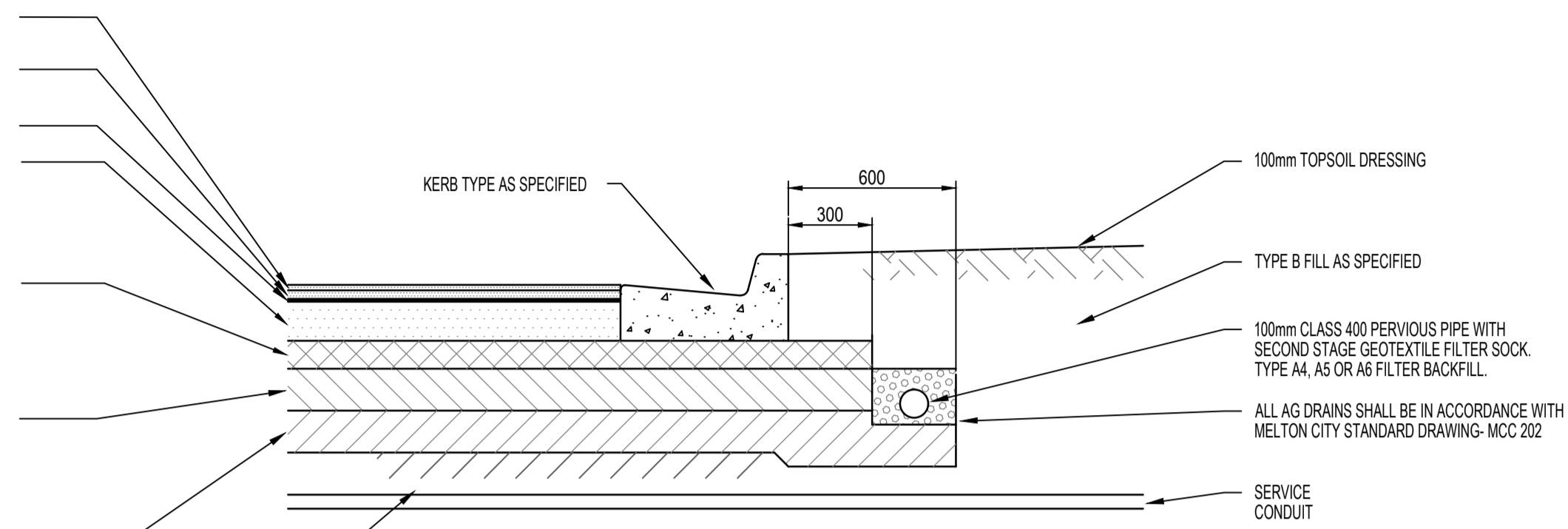
TYPICAL SECTION
 WHEN IN CUT ON BOUNDARY
 OF FUTURE STAGE
 NOT TO SCALE



PIT SETOUT POINT DETAIL
 NOT TO SCALE

AMENDMENTS		 breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
VER	DATE	REMARKS	MELWAY REF. 354-C-12 SURVEY BPD DESIGN J.B. DRAWN I.W.	ASPIRE ESTATE STAGE 27A TYPICAL CROSS SECTIONS	
DATE	REMARKS	CHECKED -	SCALE AS SHOWN DATUM AHD DATE APRIL '21		
			MUNICIPALITY MELTON		REFERENCE 8226 E/27A
			SHEET 02 OF 12		P1

- a) 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'L' ASPHALT (C320 BINDER)
- b) 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'N' ASPHALT (C320 BINDER)
- c) 10mm SAMI SEAL WITH CLASS S18RF BINDER AND BITUMINOUS PRIME
- d) 130mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 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
- 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) 160mm CAPPING LAYER - 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 1.5%, PERMIABILITY $K < 5 \times 10^{-9} \text{m/sec}$
- g) 150mm CONSTRUCTION LAYER - 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 1.5%, PERMIABILITY $K < 5 \times 10^{-9} \text{m/sec}$
- 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.

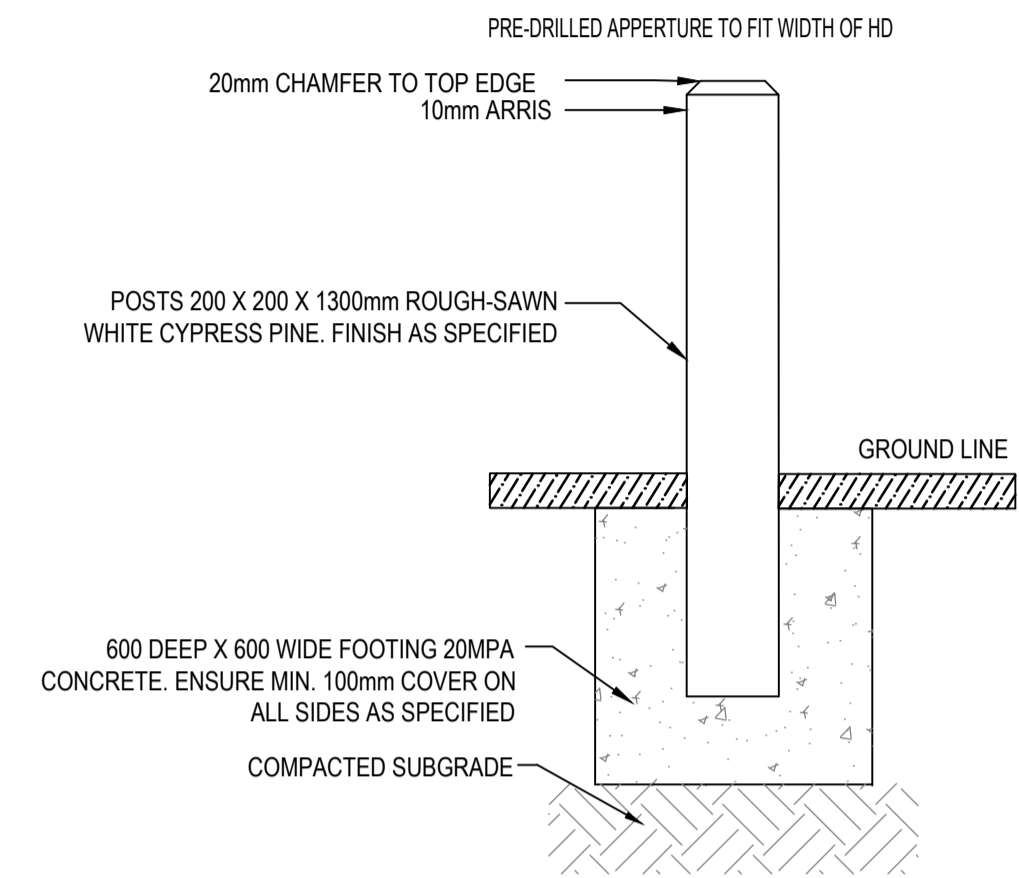


PAVEMENT DETAILS
FAIRMONT CRESCENT & STEVO WAY - 610mm DEPTH

SPECIFICATION FOR SAMI SEAL

THE SAMI TREATMENT SHOULD CONSIST OF A SIZE 10 SPRAYED SEAL USING CLASS S18RF BITUMEN CRUMB RUBBER BINDER PLACED AT AN APPLICATION RATE $> 1.8 \text{ l/m}^2$ AND COVERED WITH A LIGHT APPLICATION OF PRE-COATED SIZE 10 AGGREGATE. THE CLASS S18RF BINDER SHALL BE PRODUCED USING NOT LESS THAN 20 PARTS OF CRUMB RUBBER (18%) BY MASS OF BINDER. THE VOLUME OF CARRIER OIL USED BEFORE ANY CUTTING OIL IS ADDED SHALL NOT EXCEED 4 PARTS BY VOLUME OF BINDER.

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



TYPICAL BOLLARD DETAIL
NOT TO SCALE


GENERAL NOTES

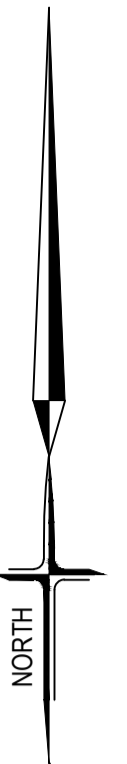
1. CONSTRUCTION PLANS MUST BE ACCOMPANIED BY THE APPROVED SPECIFICATION. NO WORK IS TO COMMENCE WITHOUT EVIDENCE OF POSSESSION OF EACH.
2. ALL WORKS TO BE CARRIED OUT TO STANDARD DRAWINGS AND SPECIFICATION AS APPROVED BY CITY OF MELTON AND TO THE SATISFACTION OF THE ENGINEER AND THE MUNICIPAL ENGINEER. IN CASE OF A DISPUTE THE SPECIFICATION MUST TAKE PRECEDENCE.
3. FOR SPECIFICATION REFER SPECIFICATION STAGE 1. TAYLORS HILL ESTATE (INCORPORATING UPDATED SECTION 1A)
4. COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
5. 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 EDMC701, EDM702 & EDM703.
6. 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 EDMC701 & EDMC703.
7. AGRICULTURAL PIPE DRAINS, AS PER VPA STD DWG EDMC202, TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER PITCHERS AND WHERE DIRECTED BY THE ENGINEER.
8. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM PIPE CHAINAGES. CENTRELINE OF PITS AT TPs TO BE OFFSET 1.00 METRE.
9. ALL 150mm TO 750mm DIA. TO BE R.C.(R.J.) AND 825mm DIA. AND GREATER TO BE R.C.(U). PIPES LAYED ON A CURVE TO BE R.J. ALL CONCRETE PIPES TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.
10. WHERE DRAINAGE PIPES ARE LOCATED WITHIN NATURE STRIPS, THE TRENCH SHALL BE BACKFILLED WITH COMPACTED CLASS 3 F.C.R. UPTO A LEVEL WHERE THE 45deg. INFLUENCE LINE FROM THE B.O.K. INTERSECTS WITH THE NEAREST TRENCH SIDE. PROVIDE CRUSHED ROCK BACKFILL WHERE DRAINAGE CROSSES BELOW FOOTPATHS.
11. 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:
 - i) BENEATH THE ROAD OR DRIVEWAY PAVEMENT TO THE UNDERSIDE OF THE PAVEMENT.
 - ii) 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.)
12. 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.
13. BATTERS SHALL BE 1 IN 6 FOR FILL AND 1 IN 6 FOR CUT UNLESS OTHERWISE SHOWN.
14. ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM SITE.
15. LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER, ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE.
16. ALL RESERVE AREAS ARE TO BE SMOOTHED, GRADED, TOPSOILED WHERE REQUIRED WITH A 100mm COMPACTED LAYER OF TOPSOIL AND SEEDED, USING AN APPROVED SEED MIX AND METHOD OF SOWING, SUCH THAT THE SURFACE IS SELF-DRAINING, STONE FREE AND ABLE TO BE MAINTAINED BY CONVENTIONAL MOWING EQUIPMENT.
17. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON THE PLANS. FILLING TO BE CLEAN CLAY COMPACTED TO A DRY DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1289.5.2.1-1993. TESTING TO COMPLY WITH AS3798-1996 APPENDIX B, LEVEL 1.
18. 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.
19. EARTH FILL IS TO BE COMPACTED TO A RELATIVE COMPACTION COMPARED TO A STANDARD COMPACTION TEST AS SPECIFIED BY VICROADS CORPORATION OF:
 - 100% FOR ALL FILL MATERIAL AND MATERIAL UNDER FILL THAT IS LESS THAN 450mm FROM THE SURFACE.
 - 95% FOR ALL FILL NOT COVERED AS ABOVE.
20. NATURESTRIP AND AREAS OF CUT ARE TO BE TOPSOILED AND GRASSED TO THE SATISFACTION OF THE ENGINEER. MINIMUM DEPTH TO BE 100mm.
21. 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.
22. 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.
23. 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.
24. WATER AND GAS CONDUITS TO BE CONSTRUCTED ACROSS NATURE STRIPS AFTER ELECTRICAL CABLE WORK IS COMPLETED.
25. 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.
26. TELSTRANBN Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
27. VEHICLE CROSSINGS TO BE OFFSET 0.75m FROM SIDE BOUNDARIES AND EASEMENTS UNLESS OTHERWISE SHOWN AND A MINIMUM OF 0.75m CLEAR OF PITS. VEHICULAR CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF MELTON STANDARD DRAWINGS MSC501 TO MSC506.

VEHICULAR CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH GAA STANDARD DRAWINGS FIG010 & FIG011. ACROSS THE WINGED SECTION CONTRACTOR TO PROVIDE TWO 450mm LONG N12 DEFORMED BARS, CENTRALLY LOCATED, AT 300mm CENTRES.
28. 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 EDMC401.
29. PRAM CROSSINGS ARE TO BE CONSTRUCTED WHERE FOOTPATHS CONNECT TO THE BACK OF KERB & CHANNEL. REFER TO COUNCIL STD DWG MCC403.
30. STREET SIGNS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARDS.
31. THE CONTRACTOR SHALL TO THE SATISFACTION OF THE ENGINEER AND THE MUNICIPAL ENGINEER, PROVIDE AND MAINTAIN INCLUSIVE OF STREET SIGNS, ALL NECESSARY REGULATORY SIGNS, WARNING SIGNS, LIGHTING, LINEMARKING AND BARRICADING TO COMPLY WITH THE REQUIREMENTS OF VICROADS SIGNING CODE OF PRACTICE.
32. 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
33. ALL ROADS TO BE CONSTRUCTED WITH B2 KERB & CHANNEL UNLESS OTHERWISE SHOWN. REFER VPA STD DWG EDMC301.
34. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A ROAD OPENING PERMIT FOR WORKS IN PREVIOUSLY CONSTRUCTED ROADWAYS.
35. 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.
36. 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.
37. 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%
38. 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.
39. CONCRETE TO HAVE A 28 DAY STRENGTH OF 25 MPa.
40. ALL SPLAYS ARE 3.00m X 3.00m UNLESS OTHERWISE SHOWN.
41. ALL LEVELS ARE TO THE AUSTRALIAN HEIGHT DATUM (A.H.D.)
42. 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.
43. THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBMS TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBMS AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTATEMENT AT THE CONTRACTORS EXPENSE.
44. 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.
45. 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.
46. PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MW STD. DWG. 7251/4/203) ALONG FULL EXTENT OF OUTFALL DRAINS. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.

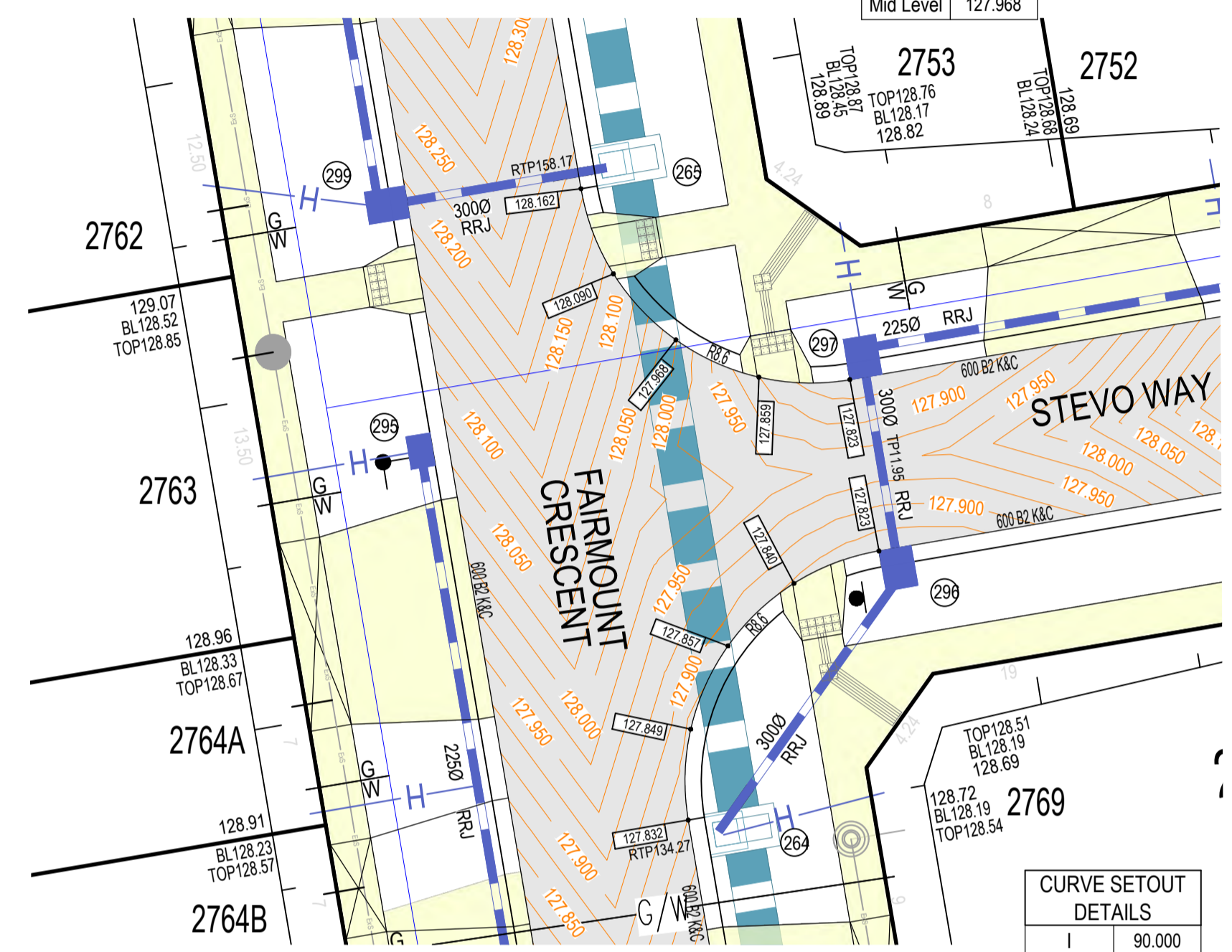
PIT SCHEDULE NOTES

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 HAUNCHED PITS 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 THUS *) SHALL BE PROVIDED WITH TERRA FIRMA OR APPROVED EQUIVALENT PIT LID WITH A LOCKABLE COVER.

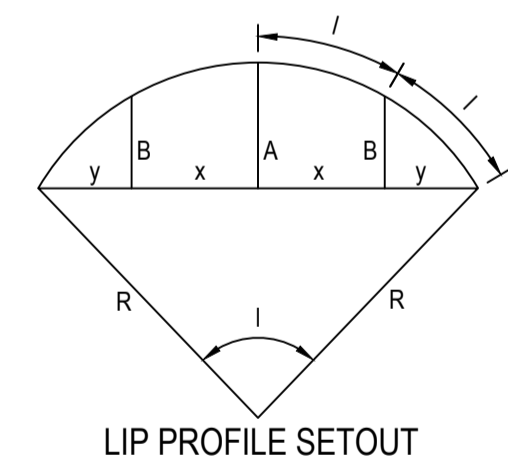
AMENDMENTS				 breese pitt dixon pty. ltd. land surveyors civil engineers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310						
	MELWAY REF.	354-C-12	ASPIRE ESTATE STAGE 27A ROAD PAVEMENT DETAILS & NOTES		MUNICIPALITY MELTON						
	SURVEY	BPD			REFERENCE 8226 E/27A						
	DESIGN	J.B									
			DRAWN	I.W							
			CHECKED	-							
VER	DATE	REMARKS	SCALE	AS SHOWN	DATUM	AHD	DATE	APRIL '21	SHEET	03 OF 12	P1



CURVE SETOUT DETAILS	
I	90.000
R	8.6
Arc	13.509
A	2.519
B	1.864
X	3.291
Y	2.790
I	3.377
Mid Level	127.968



CURVE SETOUT DETAILS	
I	90.000
R	8.6
Arc	13.509
A	2.519
B	1.864
X	3.291
Y	2.790
I	3.377
Mid Level	127.857

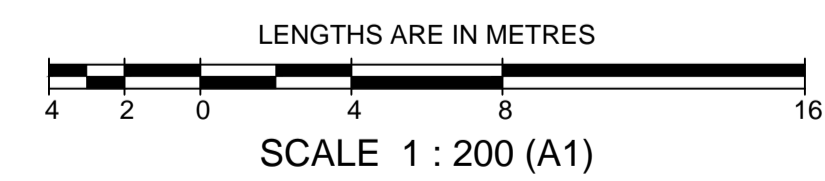


LIP PROFILE SETOUT

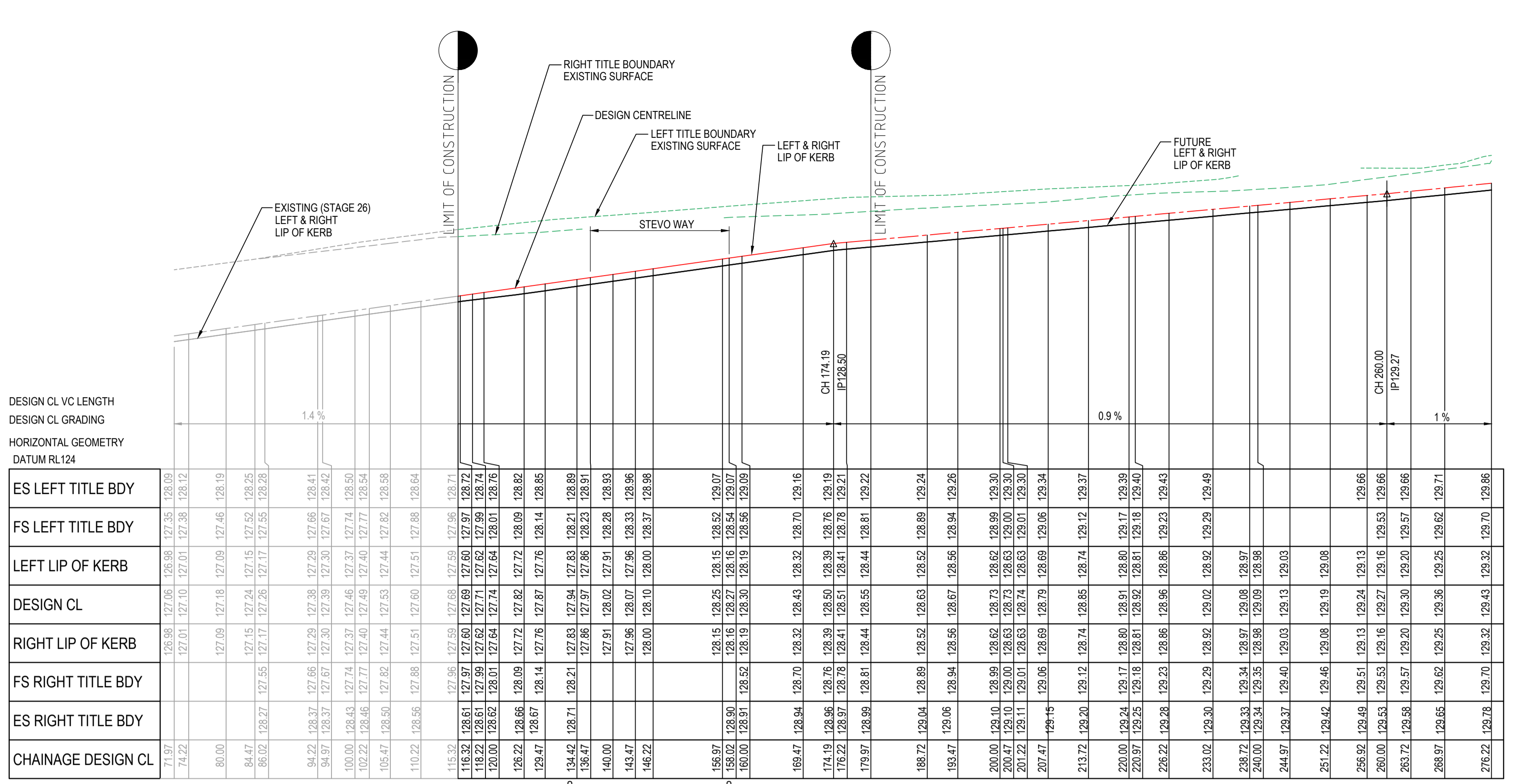
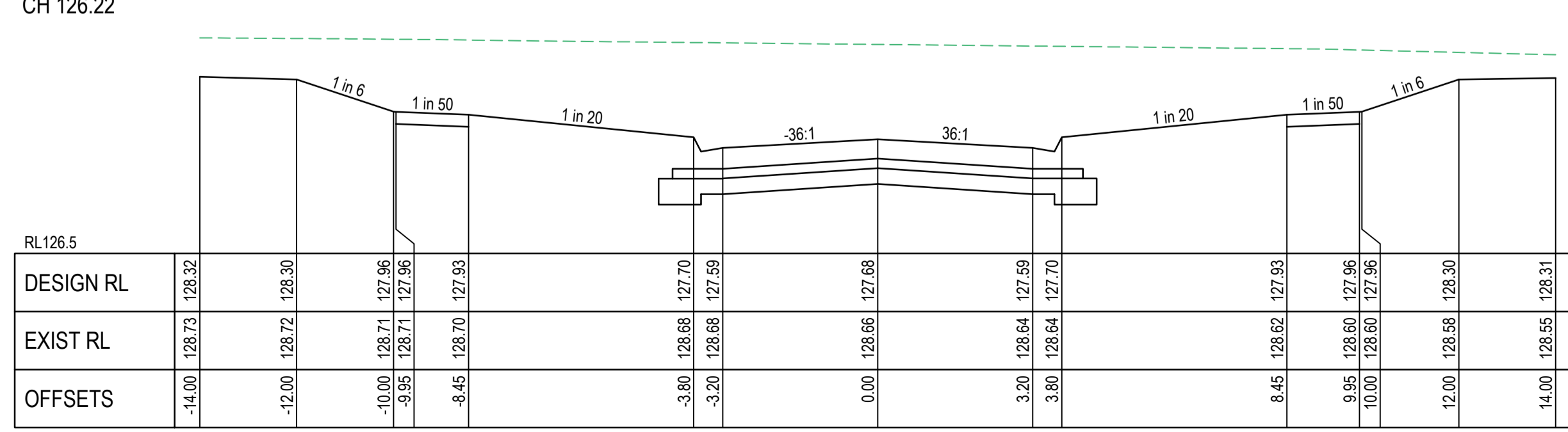
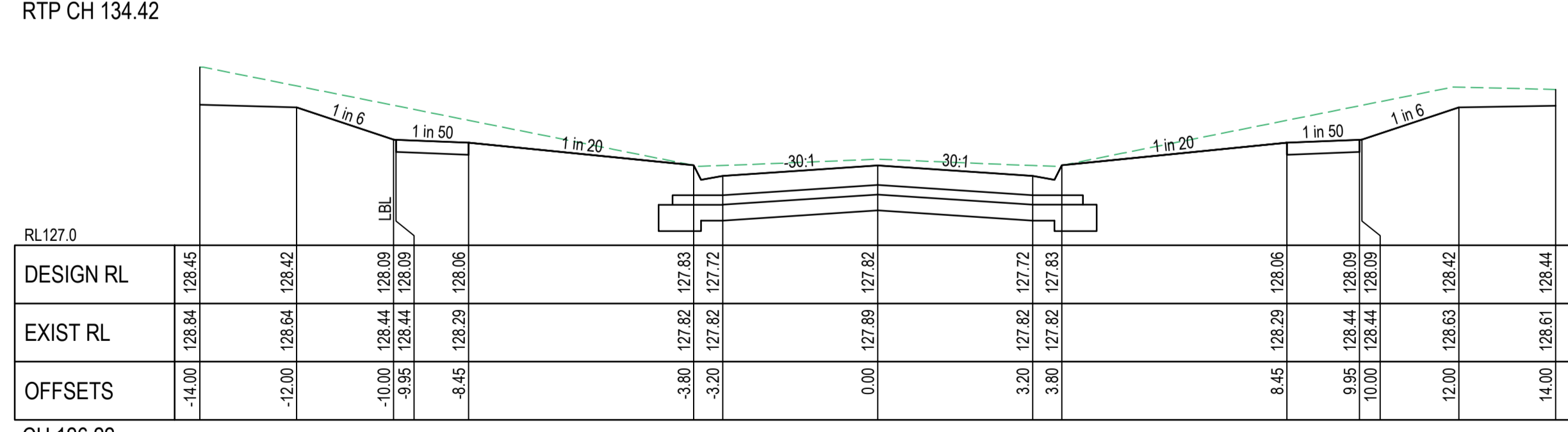
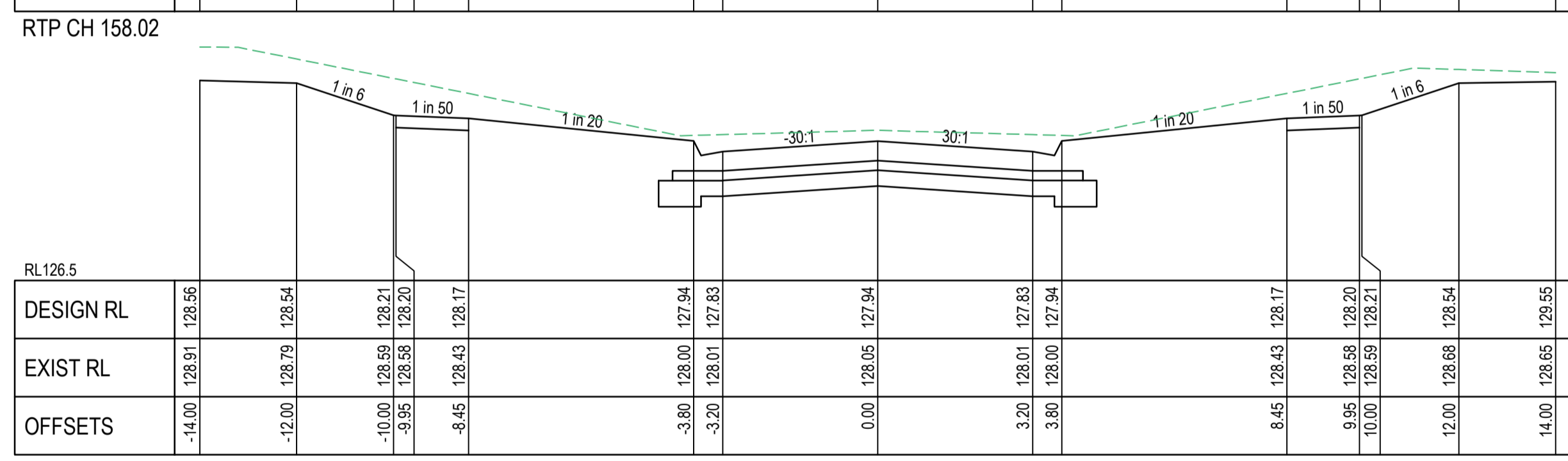
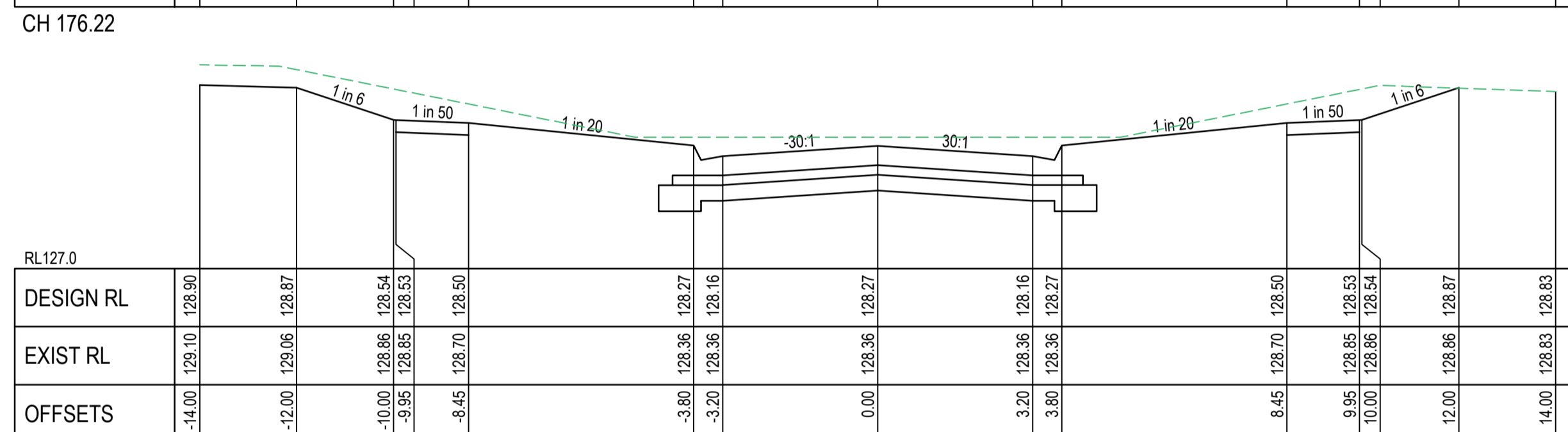
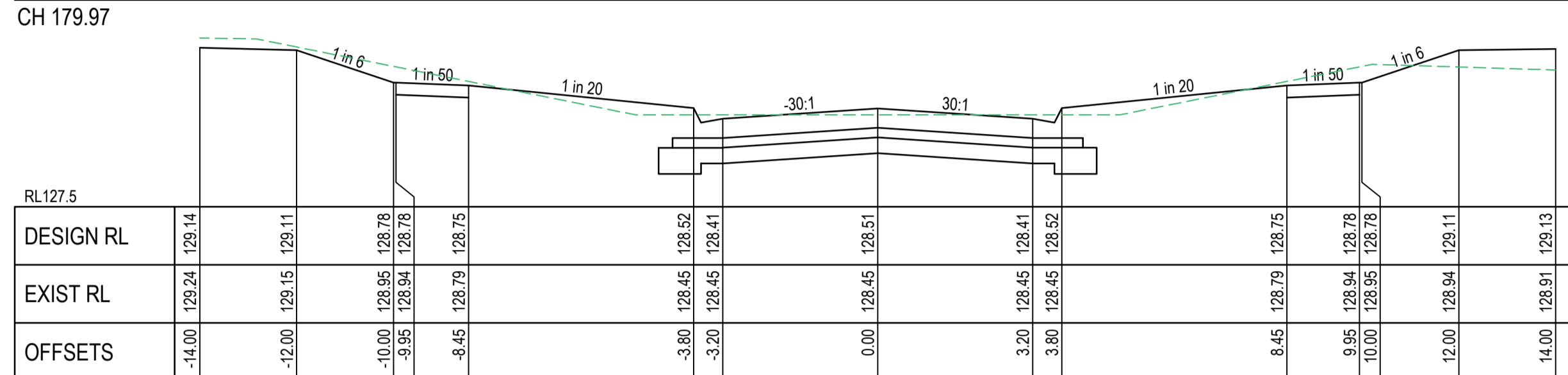
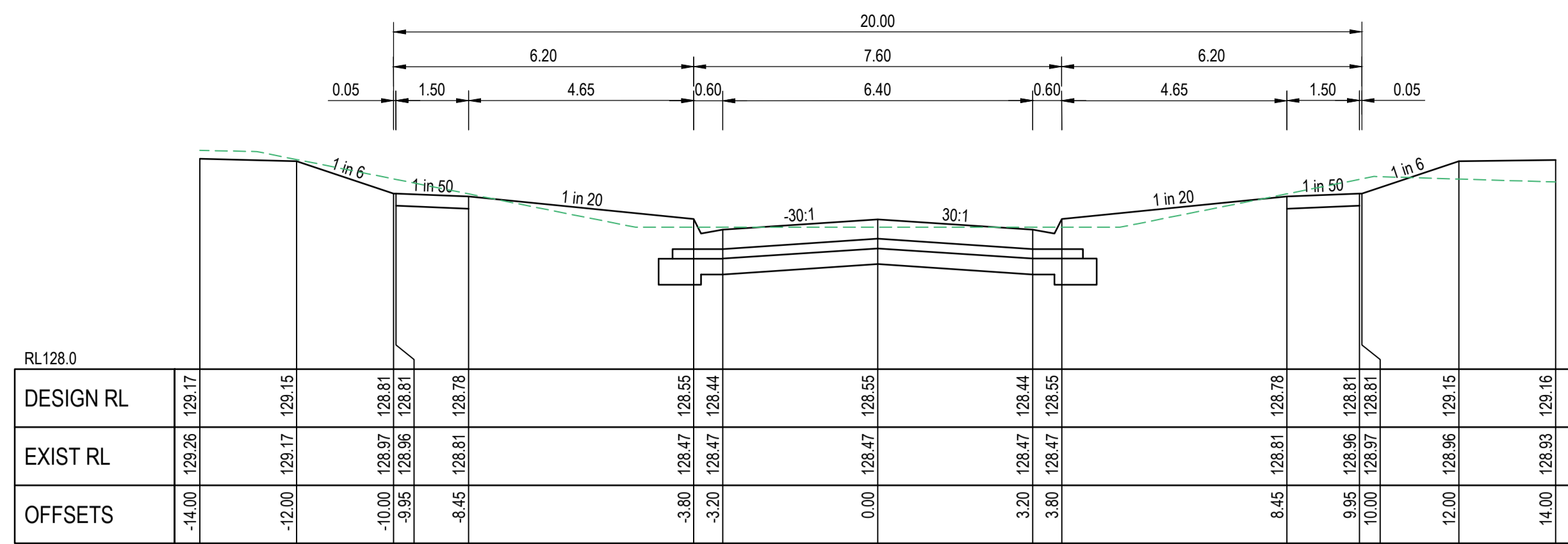
NOTES

- a) ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- b) 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
- c) STREET SIGNS TO HAVE MINIMUM 2 WEDGES IN THE SLEEVES
- d) RETURN & ELBOW LIP OF KERB CHAINAGES PREFIXED WITH AN "R" (eg RTP35.83)

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



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 27A INTERSECTION DETAIL PLANS		MUNICIPALITY MELTON	
				SURVEY BPD			REFERENCE 8226 E/27A	
				DESIGN J.B				
DRAWN I.W								
VER	DATE	REMARKS	CHECKED -	SCALE AS SHOWN	DATUM AHD	DATE APRIL '21	SHEET 04 OF 12	P1

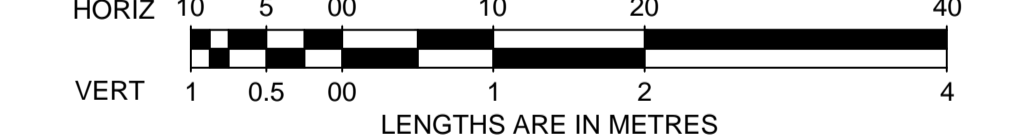


FAIRMOUNT CRESCENT

LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

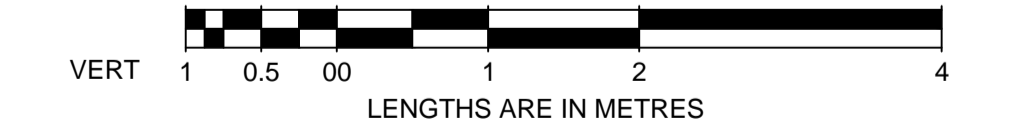
SCALE H 1:500 V 1:50 @A1



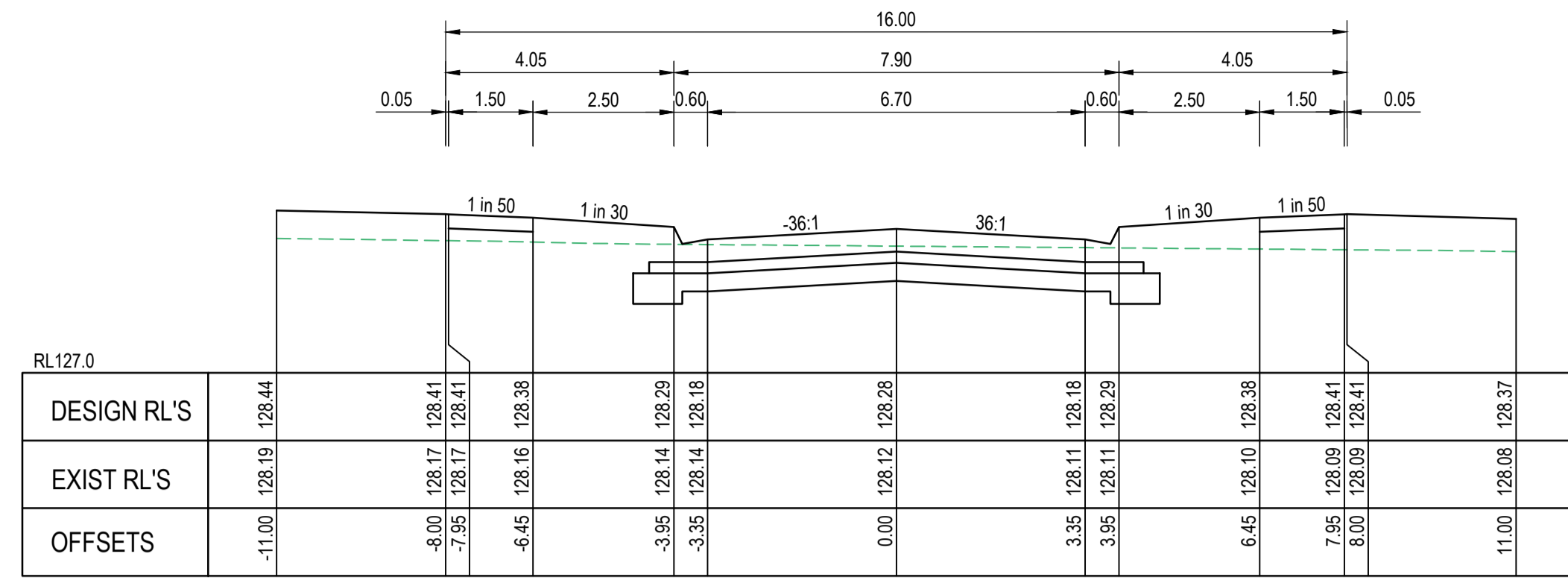
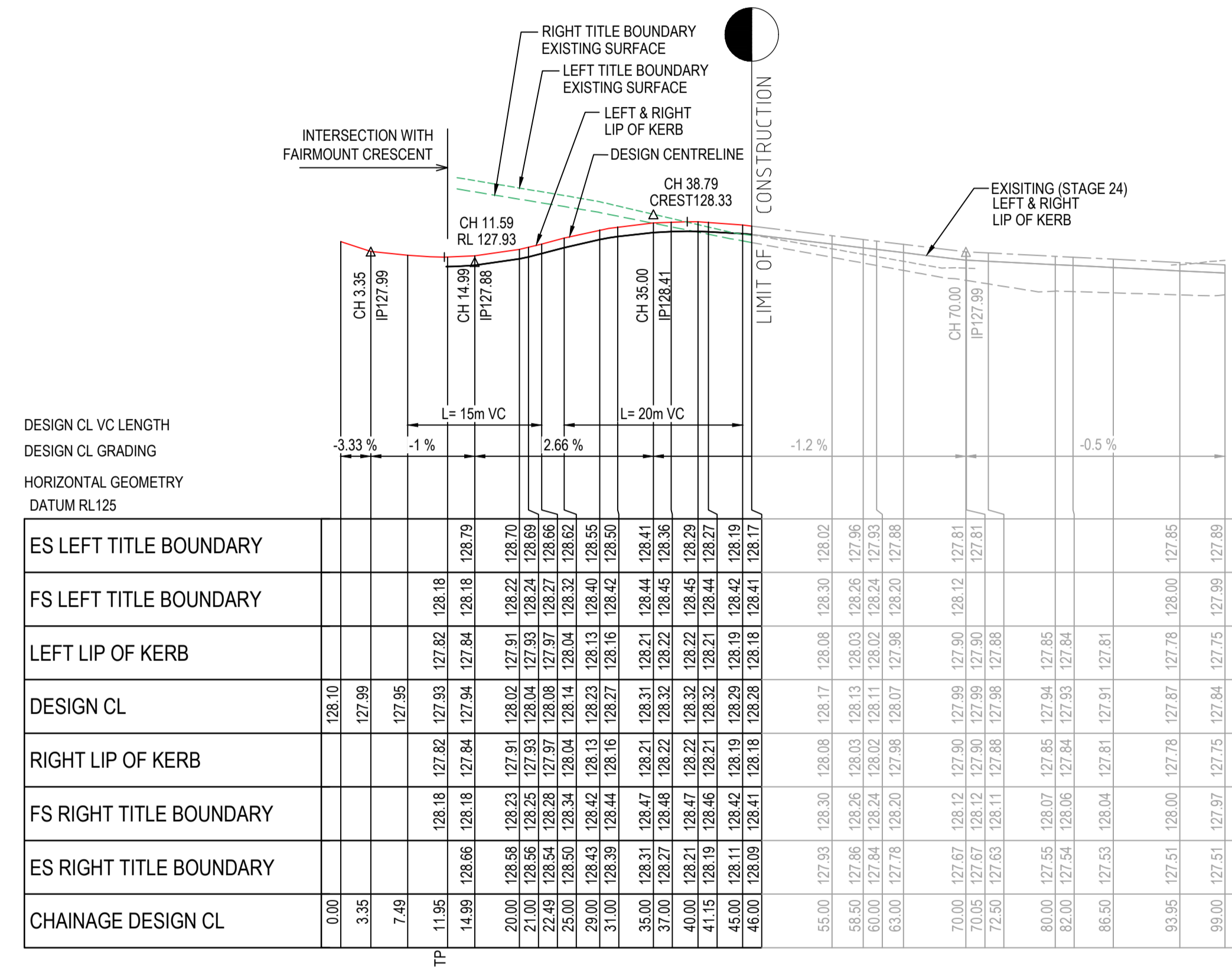
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

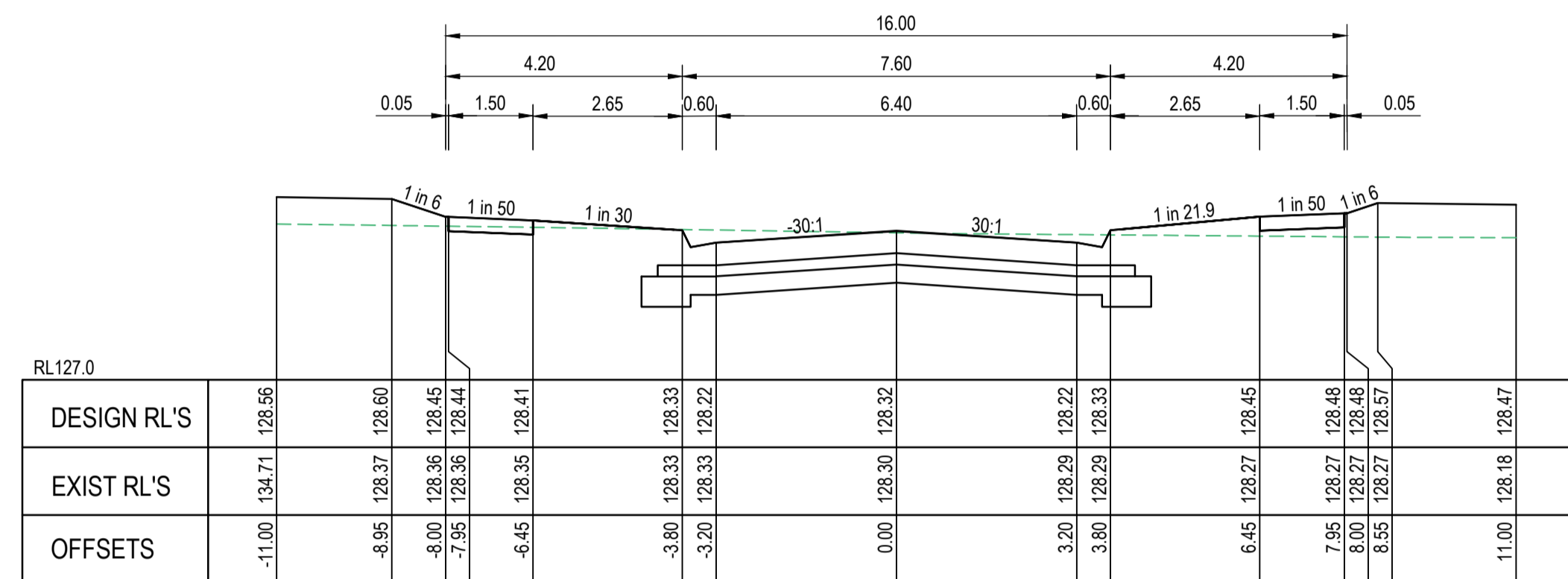
SCALE H 1:100 V 1:50 @A1



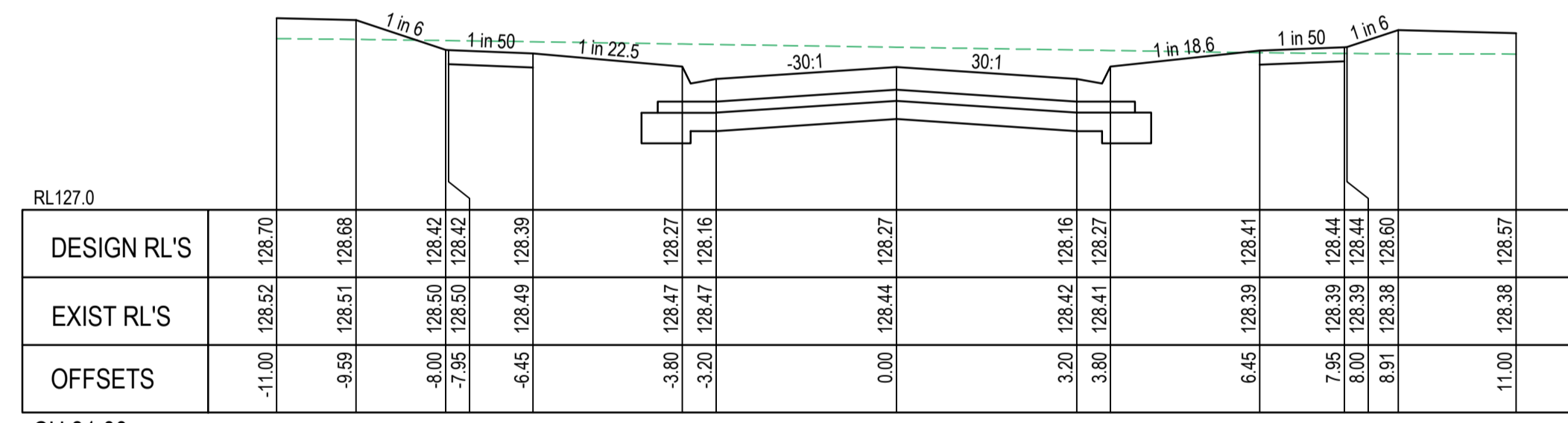
AMENDMENTS	DATE	REMARKS	 breese pitt dixon pty. ltd. land surveyors civil engineers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
	MELWAY REF.	354-C-12						
	SURVEY	BPD						
	DESIGN	J.B						
DRAWN	I.W	ASPIRE ESTATE STAGE 27A FAIRMOUNT CRESCENT	MUNICIPALITY MELTON REFERENCE 8226 E/27A					
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE APRIL '21	SHEET 05 OF 12	P1



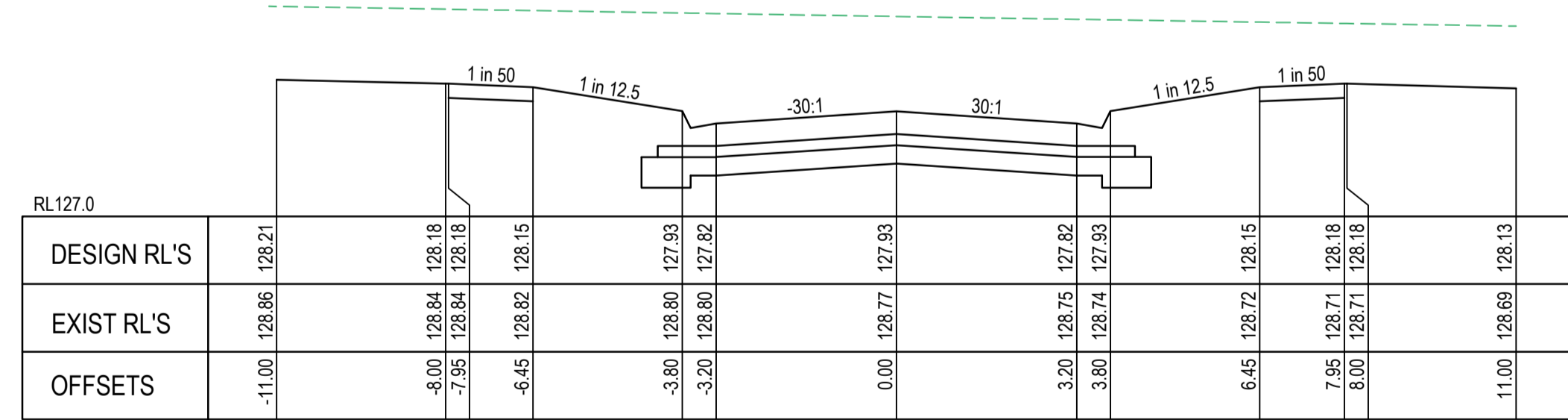
CH 46.00



CH 37.00

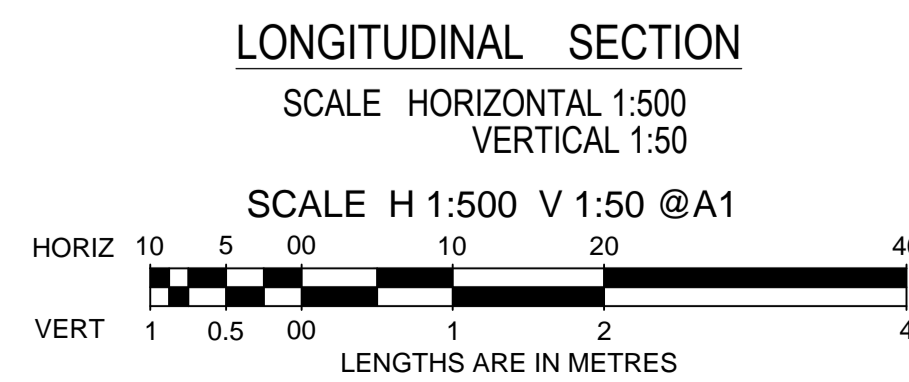
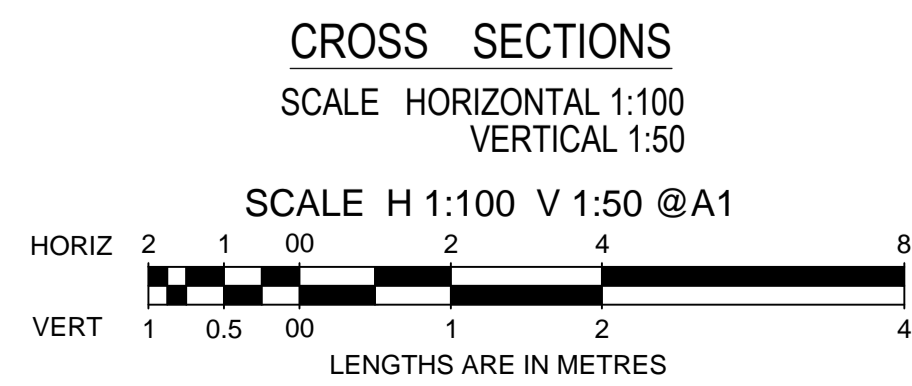


CH 31.00



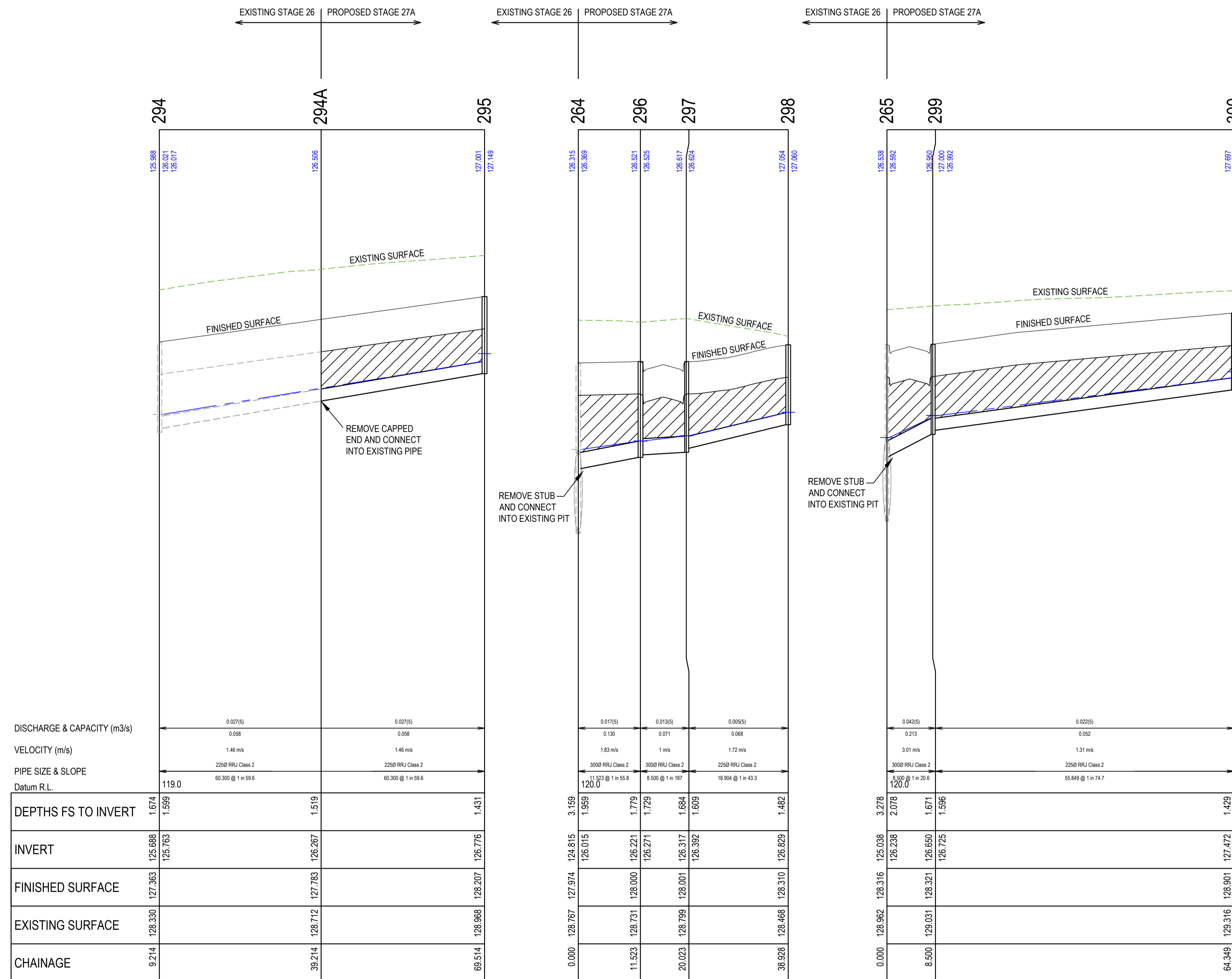
TP CH 11.95

STEVO WAY

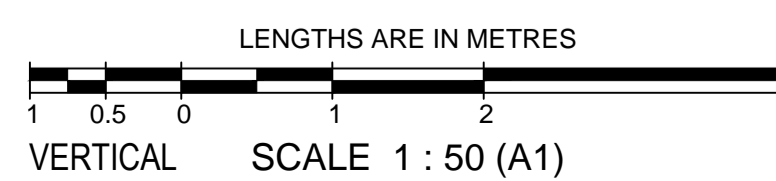
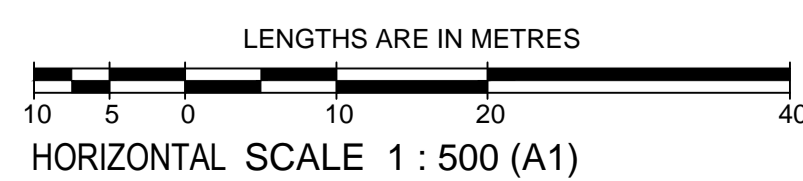


AMENDMENTS		 land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310		
MELWAY REF.	354-C-12	ASPIRE ESTATE STAGE 27A STEVO WAY		MUNICIPALITY MELTON		
SURVEY	BPD			REFERENCE 8226 E/27A		
DESIGN	J.B			SHEET 06 OF 12		
DRAWN	I.W			P1		
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE APRIL '21

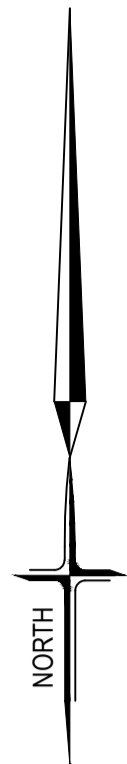
PIT No.	DESCRIPTION	INTERNAL DIMENSIONS		INLET		OUTLET		TOP OF PIT	DEPTH OF PIT	REMARKS
		L	W	DIA	LEVEL	DIA	LEVEL			
294A	End of Pipe (Existing)					225	126.267	127.783	1.519	Remove Capped End and Connect into Existing Pipe
295	Junction Pit	600	900			225	126.776	128.207	1.431	EDCM605 with Class B Cover. E 298809.790, N 5825132.804/ E 298809.638, N 5825133.690
296	Channel Grating Pit	600	900	300	126.271	300	126.221	128	1.779	EDCM601-605 with Class B Cover.
297	Channel Grating Pit	600	900	225	126.392	300	126.317	128.001	1.684	EDCM601-605 with Class B Cover.
298	Junction Pit	600	900			225	126.829	128.31	1.482	EDCM605 with Class B Cover. E 298845.088, N 5825139.100/ E 298844.201, N 5825138.948
299	Channel Grating Pit	600	900	225	126.725	300	126.65	128.321	1.671	EDCM601-605 with Class B Cover. E 298808.250, N 5825141.866/ E 298808.401, N 5825140.980
300	Junction Pit	600	900			225	127.472	128.901	1.429	EDCM605 with Class B Cover. E 298798.917, N 5825196.786/ E 298799.069, N 5825195.899



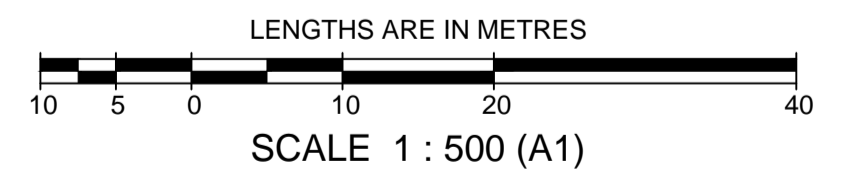
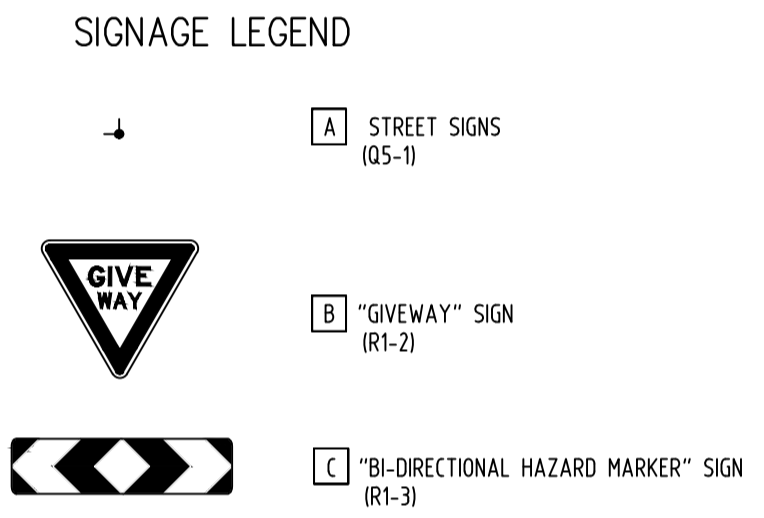
- LEGEND:**
- EXISTING SURFACE PROFILE
 - FINISHED SURFACE PROFILE
 - INDICATES SYR HGL
 - ▨ INDICATES CRUSHED ROCK BACKFILL




AMENDMENTS		 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 27A DRAINAGE LONGITUDINAL SECTIONS & DRAINAGE PIT SCHEDULE		MUNICIPALITY MELTON		
SURVEY	BPD			REFERENCE 8226 E/27A		
DESIGN	J.B			SHEET 07 OF 12 P1		
DRAWN	I.W	SCALE	AS SHOWN	DATUM	AHD	
VER	DATE	REMARKS	CHECKED	-	DATE	APRIL '21



PLAN
SCALE 1:500



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 27A SIGNAGE AND LINEMARKING PLAN	MUNICIPALITY MELTON	
		SURVEY BPD				REFERENCE 8226 E/27A	
		DESIGN J.B					
		DRAWN I.W					
		CHECKED -	SCALE AS SHOWN	DATUM AHD	DATE APRIL '21	SHEET 08 OF 12	P1



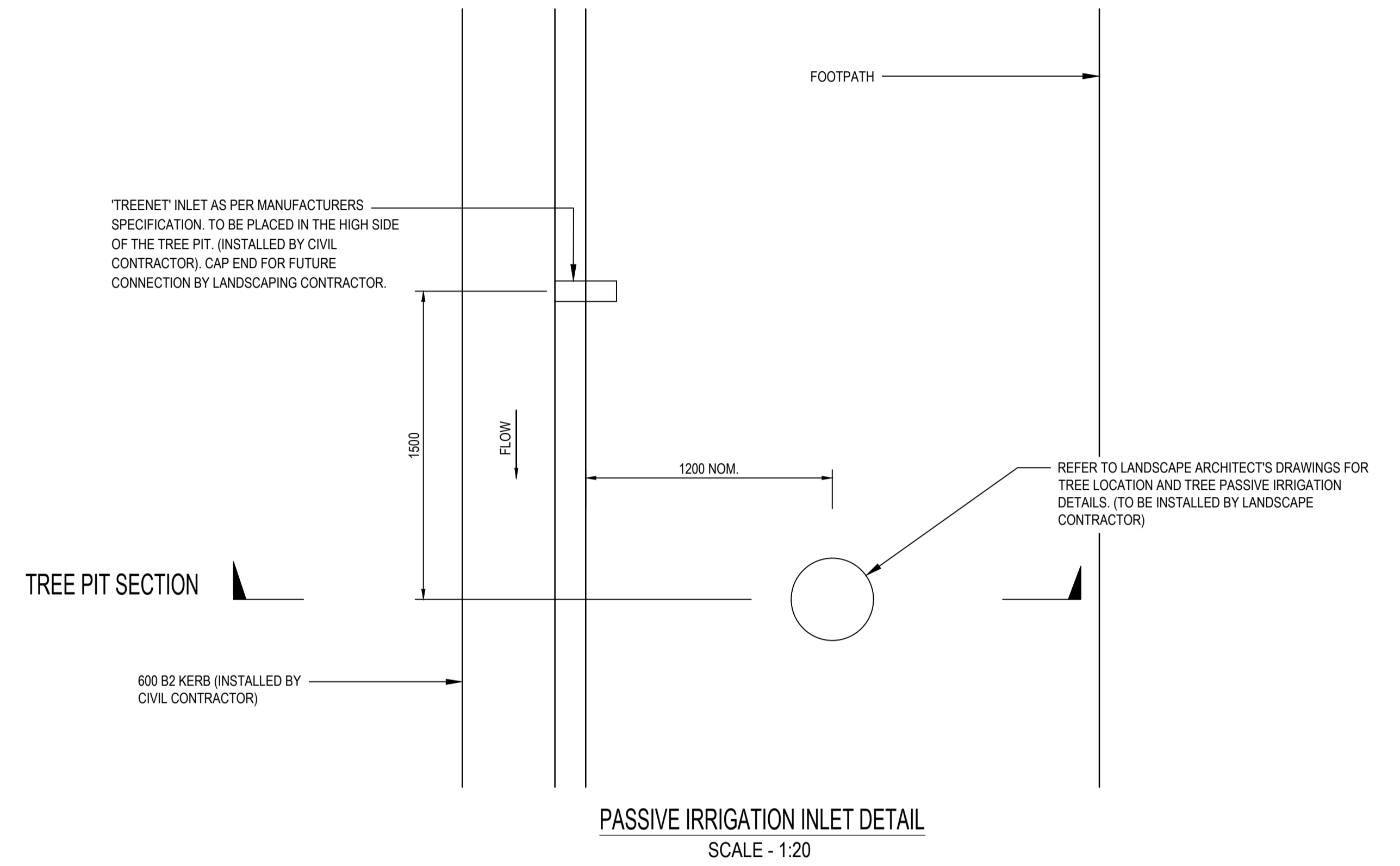
LEGEND

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

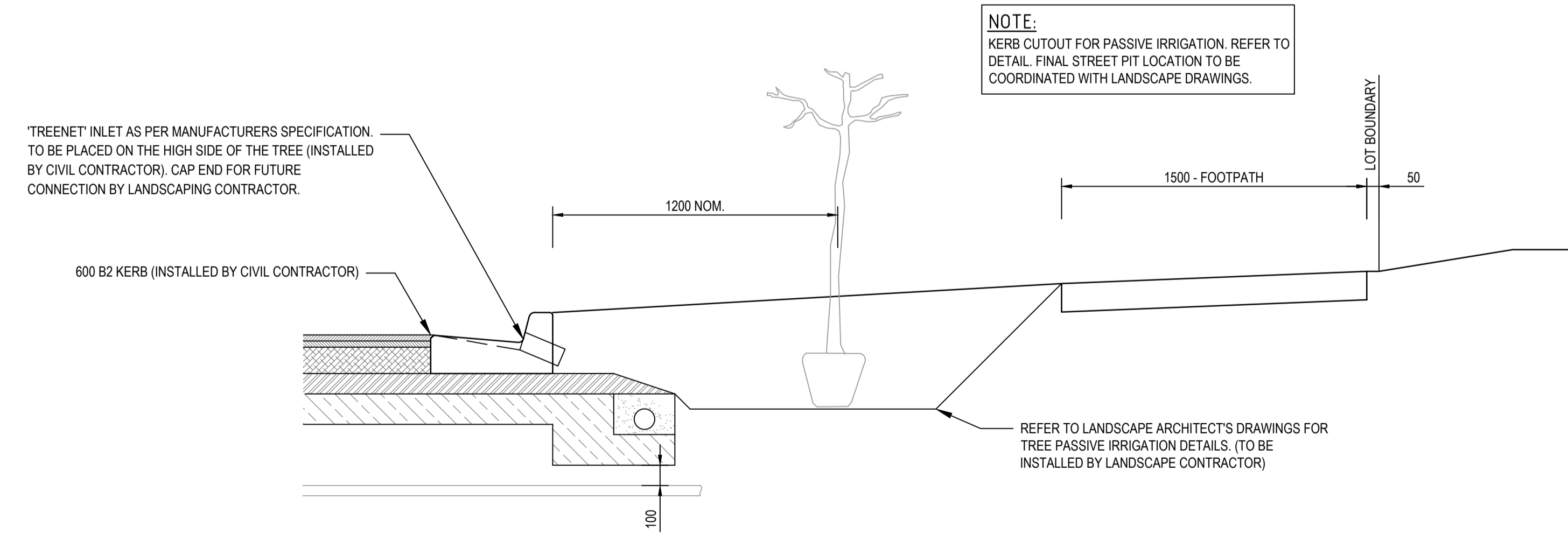
NOTE:
LOCATION OF "TREENET" INLET TO BE COORDINATED WITH FINAL COUNCIL ENDORSED LANDSCAPE ARCHITECTS DRAWINGS.



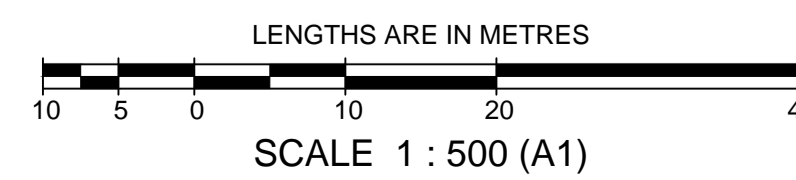
PLAN
SCALE 1:500



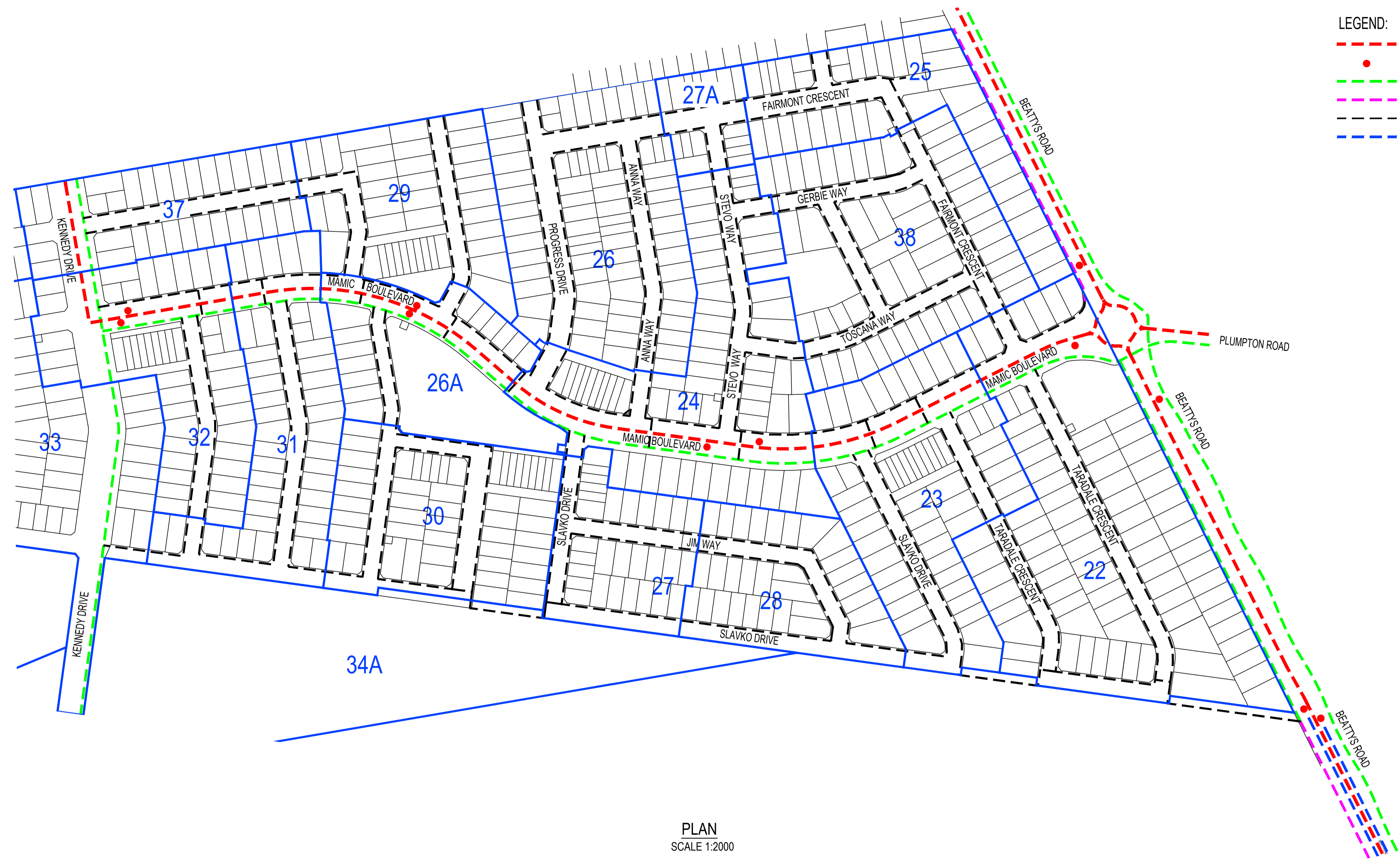
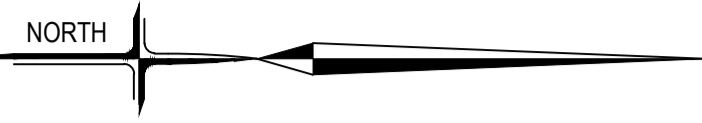
PASSIVE IRRIGATION INLET DETAIL
SCALE - 1:20



PASSIVE IRRIGATION INLET SECTION
SCALE - 1:20

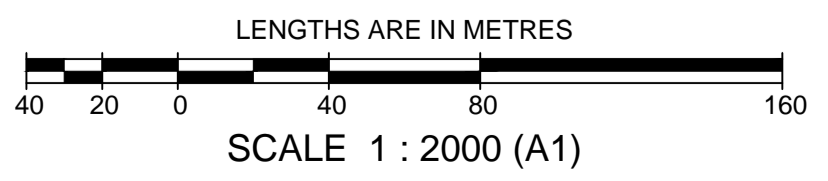


AMENDMENTS				breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310			
				MELWAY REF. 354-C-12		ASPIRE ESTATE STAGE 27A PASSIVE IRRIGATION PLAN		MUNICIPALITY MELTON	
				SURVEY BPD				REFERENCE 8226 E/27A	
				DESIGN J.B				SHEET 09 OF 12 P1	
DRAWN I.W		CHECKED -		SCALE AS SHOWN DATUM AHD		DATE APRIL '21			

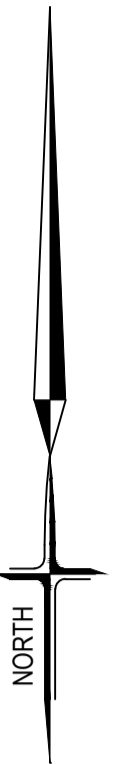


- LEGEND:**
- - - POTENTIAL BUS ROUTE (AS PER PSP)
 - TV BUS STOP LOCATION
 - - - 3.0m WIDE SHARED PATH
 - - - 2.0m WIDE SHARED PATH
 - - - 1.5m WIDE FOOTPATH
 - - - ON ROAD BIKE LANE (BOTH SIDES) AS PER PSP

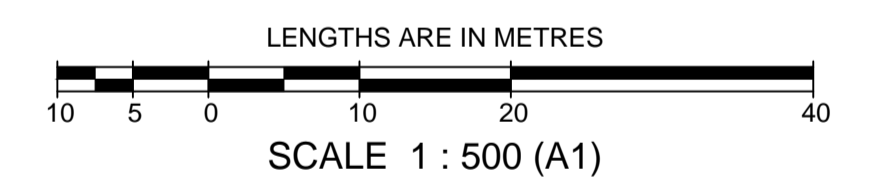
PLAN
SCALE 1:2000



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 27A MOBILITY PLAN		MUNICIPALITY MELTON
				SURVEY BPD			REFERENCE 8226 E/27A
				DESIGN J.B.			
DATE	REMARKS	CHECKED -	SCALE AS SHOWN	DATUM AHD	DATE APRIL '21	SHEET 10 OF 12	P1



PLAN
SCALE 1:500



SYMBOL LEGEND			
Drains	Prop	Ex/Natural/FS Level	+28.57 +N528.57
Main Drains	Prev Stage	FS @ Building Line	+31.28.57
Sewer < 3000	S	Top/Toe of Batter	+10P28.57 +10E28.57
Sewer ≥ 3000	S	Top Ret. Wall Level	+TW28.57
Water (DW)	W	100yr Flood Level	+FL28.57
Water (NDW)	W	Fill Proposed (<0.3m/≥0.3m)	
House Drain	H	Cut Proposed	
Property Inlet	P	Tree To Be Removed	
Street Sign	S	Tree To Be Retained with Tree Protection Zone (TPZ)	
PSM	P		
Rock Ret Wall	R		
Sleeper Ret Wall	R		
Conduits 50mm	GW		
Conduits 100mm	W100		
Street Tree without/with Passive Irrigation (Refer Detail)	T		
Ex Drains	Ex DW		
Ex Water DW/NDW	Ex NDW		
Ex Sewer/Gas	Ex S		
Ex Elec/Comm	Ex E		
Ex Optic Fibre	Ex T		
	Ex O		

AMENDMENTS	VER	DATE	REMARKS	CHECKED	-	SCALE	AS SHOWN	DATUM	AHD	DATE	APRIL '21	SHEET	12 OF 12	P1
	MELWAY REF. 354-C-12 SURVEY BPD DESIGN J.B DRAWN I.W													
	ASPIRE ESTATE STAGE 27A EARTHWORKS PLAN													
												MUNICIPALITY MELTON		
												REFERENCE 8226 E/27A		

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