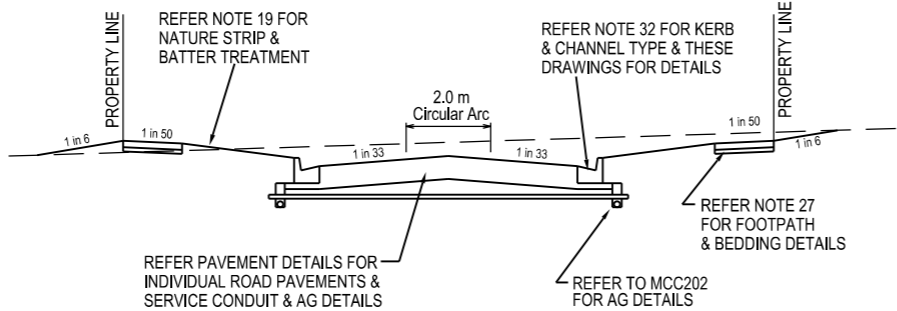


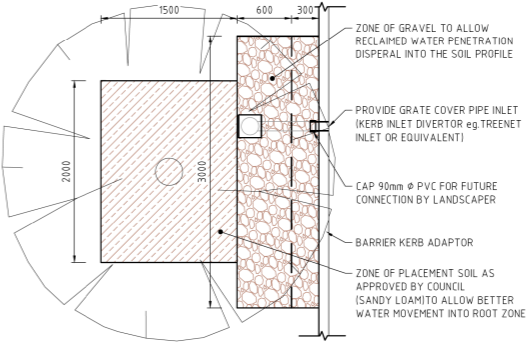
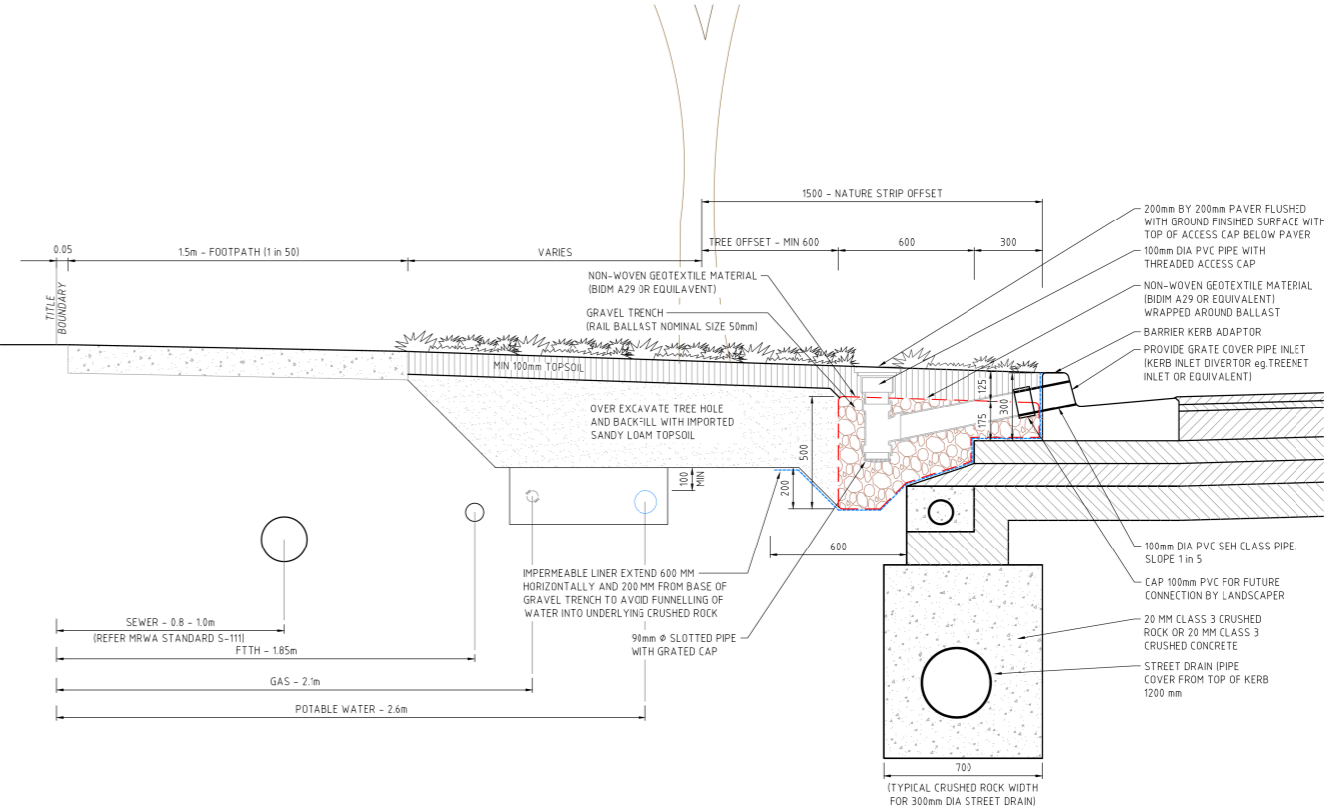
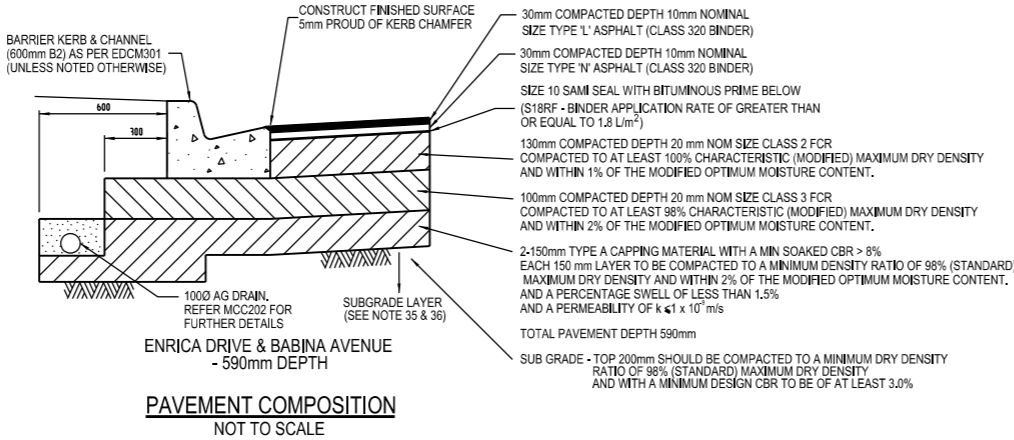
NOTES

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 EDM701, EDM702 & EDM703.
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 EDM701 & EDM703.
6. AGRICULTURAL PIPE DRAINS, AS PER COUNCIL STD DWG MCC202, TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER FITCHERS 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 LAYED 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:
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.)
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 AND NATURE STRIP AREAS ARE TO BE SMOOTHED, GRADED, TOPSOILED AND ROCK FREE 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 LEVEL 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 MCC501, MCC503 AND MCC504.
27. ALL RESIDENTIAL FOOTPATHS SHALL BE 1.5m WIDE (MIN.) AND SHARED PEDESTRIAN/CYCLE PATHS SHALL BE 3.0m (MIN.). CONCRETE PATHS ARE TO BE 125mm THICK REINFORCED WITH SL72 MESH 50mm TOP COVER AND UNDERLAIN BY 50mm OF CLASS 3 CR. REFER VPA STD DWG EDM401.
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
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 600 B2 KERB & CHANNEL UNLESS OTHERWISE SHOWN. REFER VPA STD DWG EDM301.
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 1980. 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. THE SUBGRADE BELOW ALL PAVEMENTS. IN-SITU CBR OF AT LEAST 3.0% OR APPROVED FILL COMPACTED NOT LESS THAN 100% OF THE STANDARD DRY DENSITY RATIO (SOAKED CBR NOT LESS THAN 3.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT.
36. 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.
37. CONCRETE TO HAVE A 28 DAY STRENGTH OF 25 MPa.
38. ALL SPLAYS ARE 3.00m X 3.00m UNLESS OTHERWISE SHOWN.
39. ALL LEVELS ARE TO THE AUSTRALIAN HEIGHT DATUM (A.H.D.)
40. 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.
41. 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.
42. 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 3.6.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
43. 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.




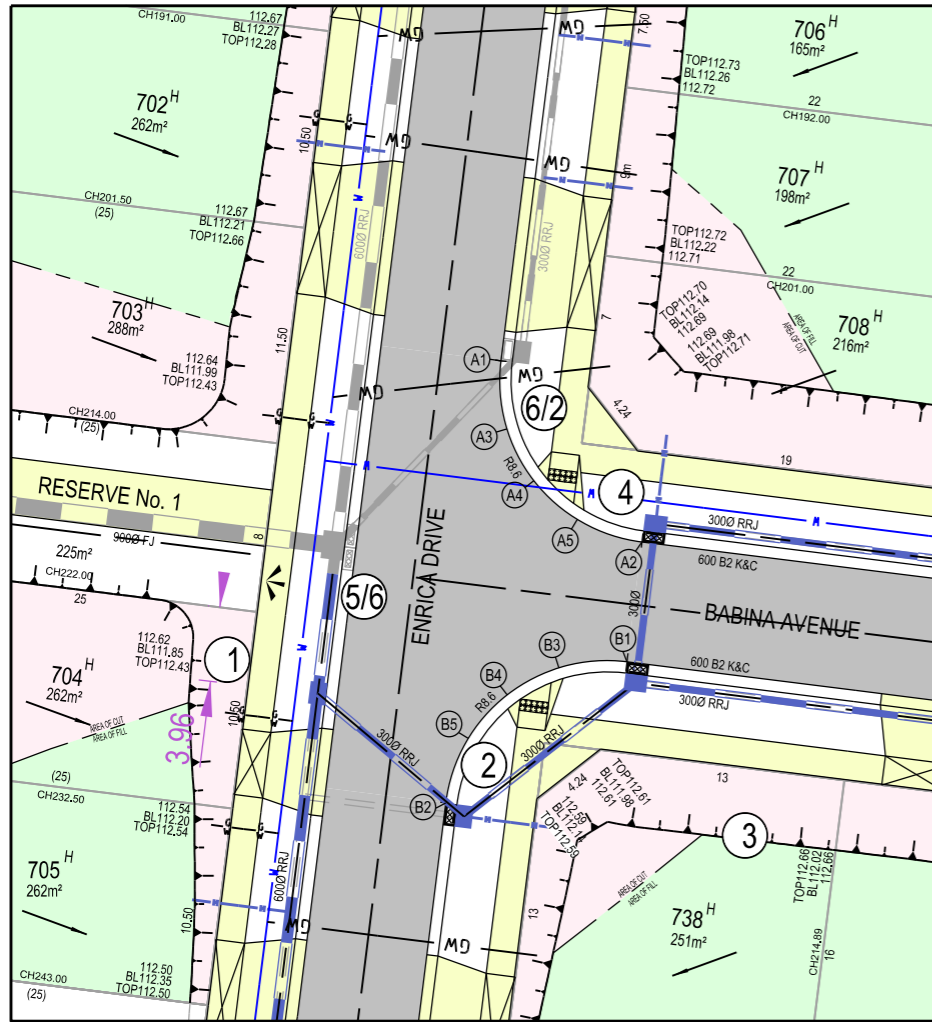
- NOTE:
1. REFER SERVICES SCHEDULE FOR OFFSETS.
2. REFER CROSS SECTION SHEETS FOR INDIVIDUAL ROAD WIDTHS AND KERB & FOOTPATH OFFSETS.

TYPICAL CROSS SECTION
(N.T.S.)



NOTE:
LOCATION OF "TREENET" INLET TO BE COORDINATED WITH FINAL COUNCIL ENDORSED LANDSCAPE DRAWINGS. PASSIVE IRRIGATION DETAILS IS NOT PART OF CIVIL WORKS, AND TO BE PROVIDED AS PART OF LANDSCAPING WORKS, HOWEVER, KERB TREE INLET TO BE CONSTRUCTED WITH THE KERB IN CIVIL.

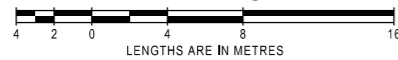
AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers				1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310							
			MELWAY REF.	342-H-5	ORCHARD GREEN STAGE 7				MUNICIPALITY							
			SURVEY	BPD					MELTON							
			DESIGN	RV					REFERENCE							
			DRAWN	RV					7776 ^E / _I							
A	15/02/20	ISSUE FOR CONSTRUCTION														
VER	DATE	REMARKS		CHECKED		SCALE	AS SHOWN	DATUM	AHD	DATE	FEB'21	SHEET	2	OF	9	A



INTERSECTION DETAILS

SCALE 1:200

SCALE 1:200 @ A1



Alignment R7 KERB B

Point no Easting Northing RL

R7 KERB B	1	1454.004	1587.118	111.739
R7 KERB B	2	1451.263	1585.689	111.766
R7 KERB B	3	1449.204	1583.384	111.797

Curve no Radius Chord Mid Ord Qtr Ord Mid Ord RL

R7 KERB B	0	0	-8.600	12.162	2.519	1.963	111.766
-----------	---	---	--------	--------	-------	-------	---------



LIP LINE R7 KERB B

Alignment R7 KERB A

Point no Easting Northing RL

R7 KERB A	1	1451.251	1599.780	111.807
R7 KERB A	2	1452.680	1597.039	111.774
R7 KERB A	3	1454.985	1594.980	111.742

Curve no Radius Chord Mid Ord Qtr Ord Mid Ord RL

R7 KERB A	0	0	-8.600	12.162	2.519	1.963	111.774
-----------	---	---	--------	--------	-------	-------	---------



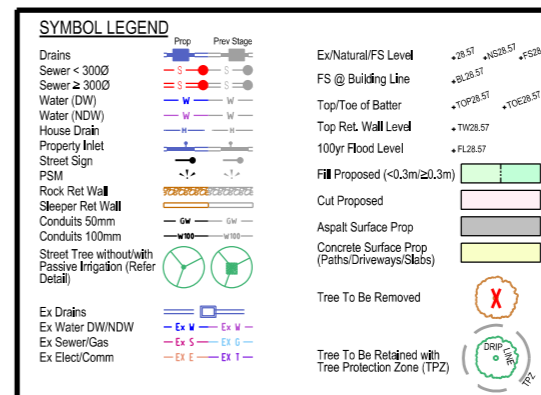
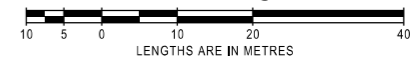
LIP LINE R7 KERB A



SIGNAGE PLAN

SCALE 1:500

SCALE 1:500 @ A1



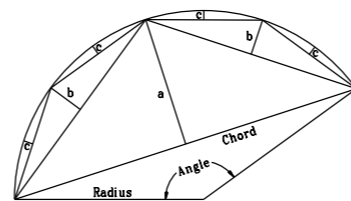
SIGNAGE LEGEND

A STREET SIGNS (2 No) AT CENTRE OF ROUNDABOUT

NOTES

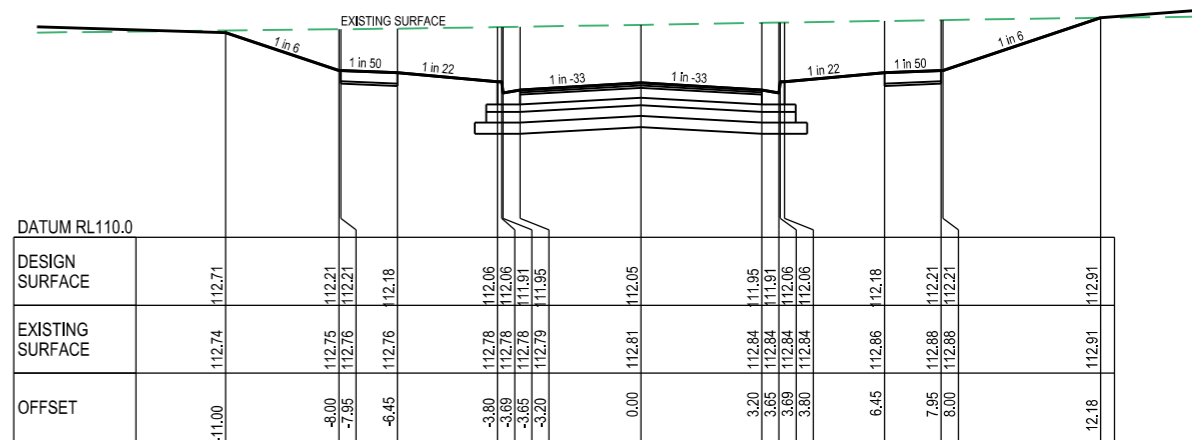
- ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE WITH A MINIMUM OF 2 WEDGES.
- HAZARD / DIRECTIONAL TGS'S SHOWN THUS AND FOOTPATH RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH MICROROADS STD DWGS SD2031 TO SD2035. TGS'S SHALL CONFORM TO AS1428.4
- ALL SIGNS TO BE INSTALLED IN ACCORDANCE WITH MCC205

ALL SETOUT DETAILS
ARE PROVIDED
AT LIP OF KERB



CURVE SETOUT DIAGRAM

AMENDMENTS		bpd 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. 342-H-5		SURVEY BPD		MUNICIPALITY MELTON	
DESIGN RV		DRAWN RV		REFERENCE 7776 E/1	
DATE 15/02/20		ISSUE FOR CONSTRUCTION		SHEET 3 OF 9	
REMARKS		CHECKED		DATE FEB'21	
SCALE AS SHOWN		DATUM AHD		DATE FEB'21	
DATE 15/02/20		ISSUE FOR CONSTRUCTION		SHEET 3 OF 9	
REMARKS		CHECKED		DATE FEB'21	
SCALE AS SHOWN		DATUM AHD		DATE FEB'21	
DATE 15/02/20		ISSUE FOR CONSTRUCTION		SHEET 3 OF 9	
REMARKS		CHECKED		DATE FEB'21	
SCALE AS SHOWN		DATUM AHD		DATE FEB'21	

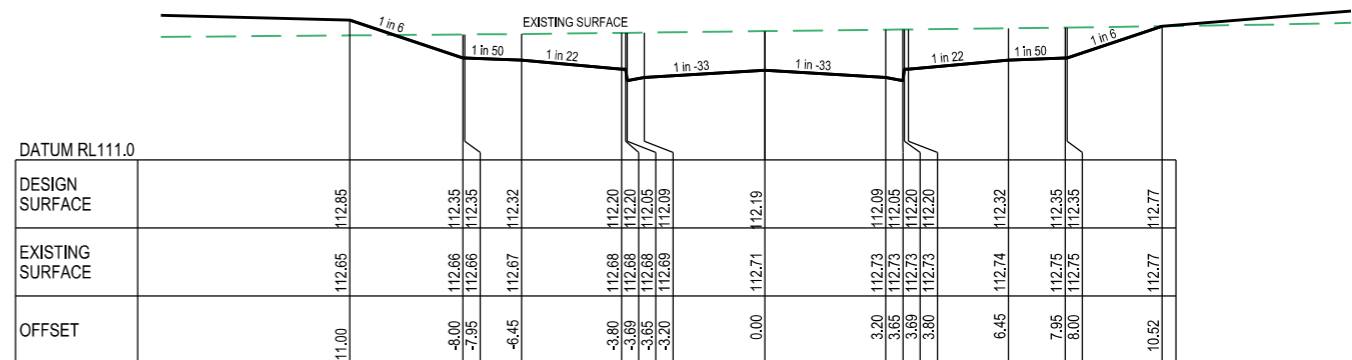


SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40

VERT 1 0.5 0 1 2 4

LENGTHS ARE IN METRES




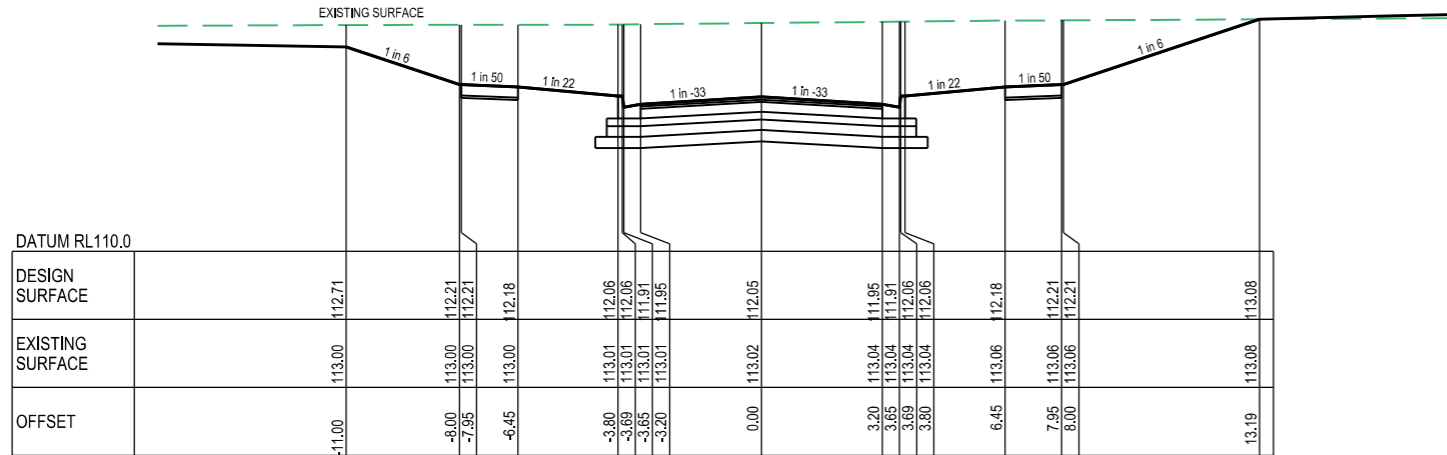
SCALE H 1:100 V 1:50 @ A1

HORIZ 2 1 0 2 4 8

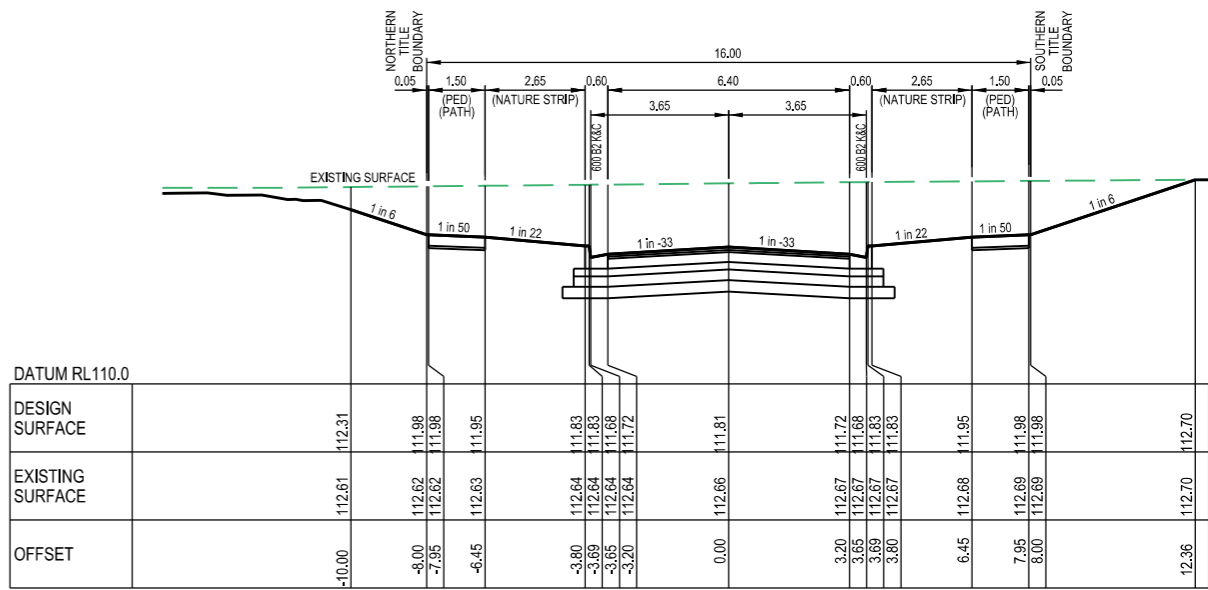
VERT 1 0.5 0 1 2

LENGTHS ARE IN METRES

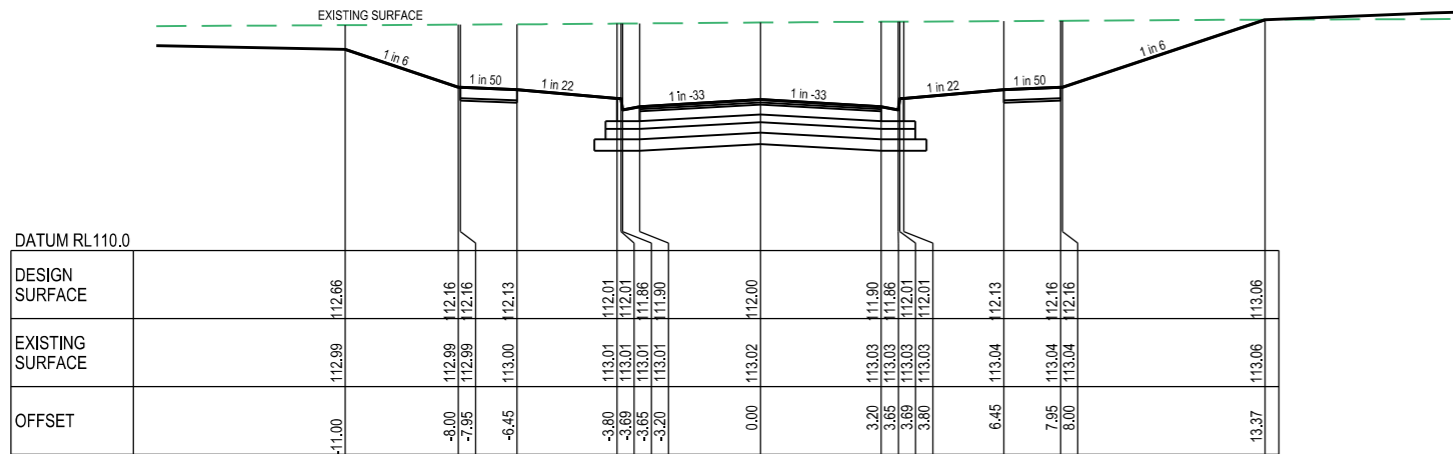
AMENDMENTS			 <div>breese pitt dixon pty. ltd. land surveyors civil engineers</div>	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
				MELWAY REF. 342-H-5	ORCHARD GREEN STAGE 7		MUNICIPALITY MELTON	
				SURVEY BPD			REFERENCE 7776 ^E / ₇	
				DESIGN RV				
	A	15/02/20		ISSUE FOR CONSTRUCTION	DRAWN RV			
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE FEB'21	SHEET 4 OF 9	A



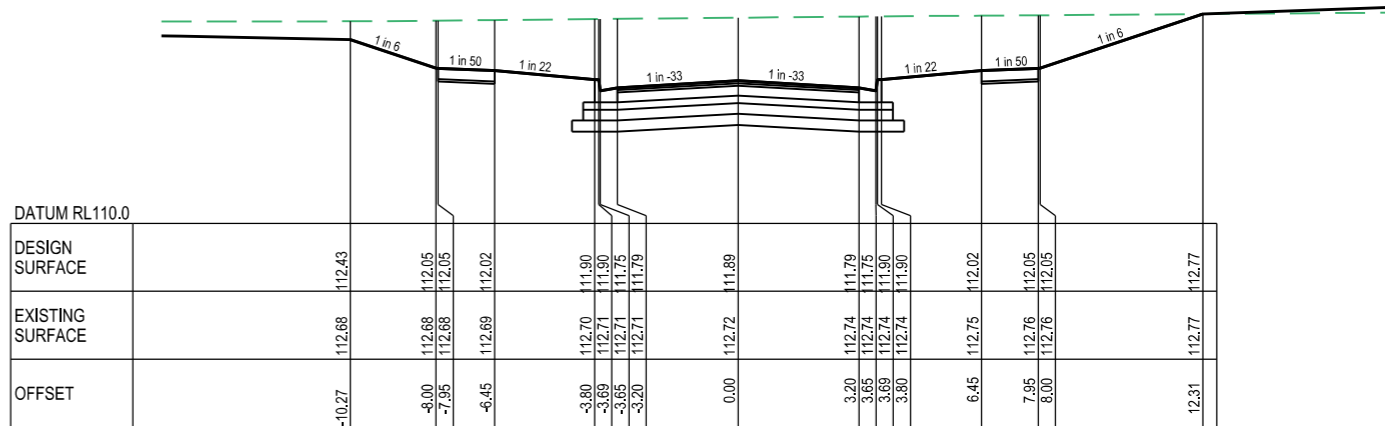
CH148.89



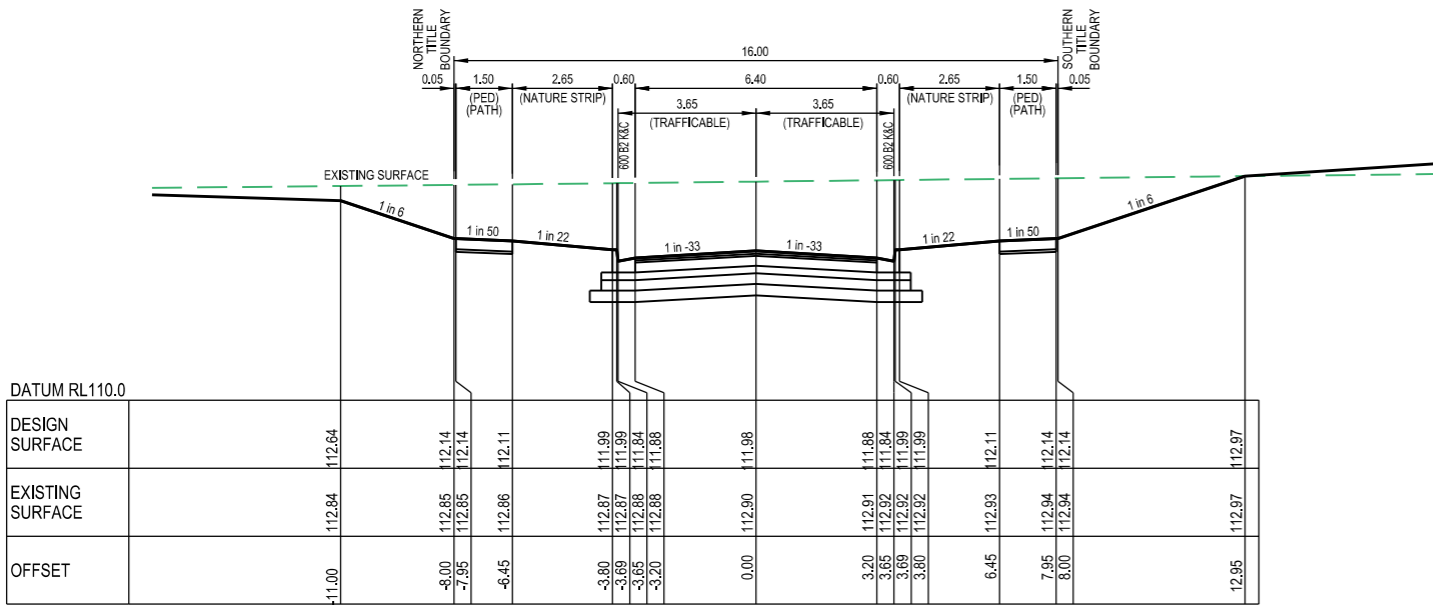
TP227.07



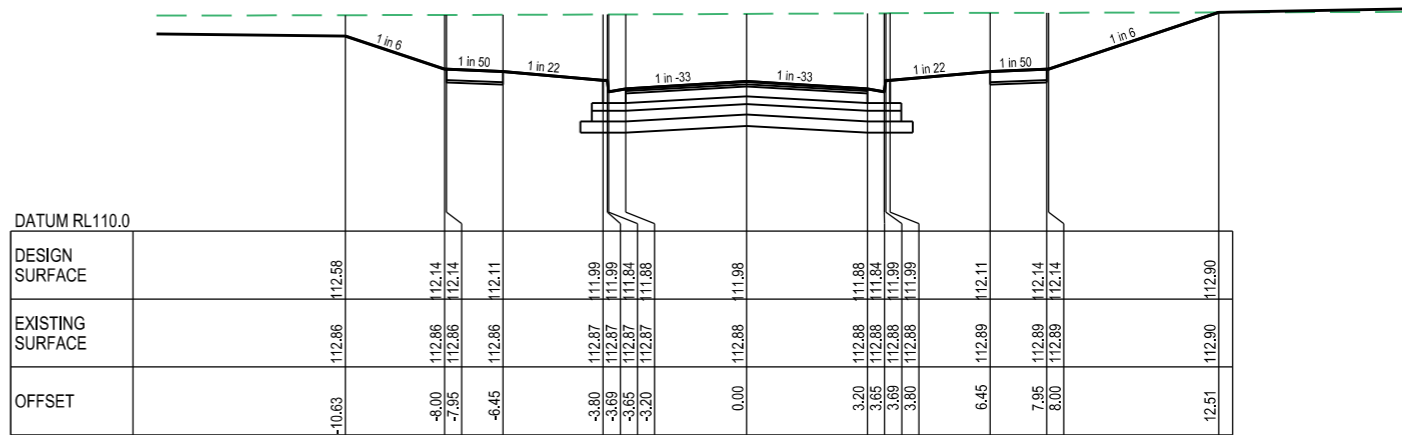
CH124.89



CH208.89



CH102.89



CH184.89

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- TYPE A SELECTED MATERIAL FILL

BABINA AVENUE

CROSS SECTIONS

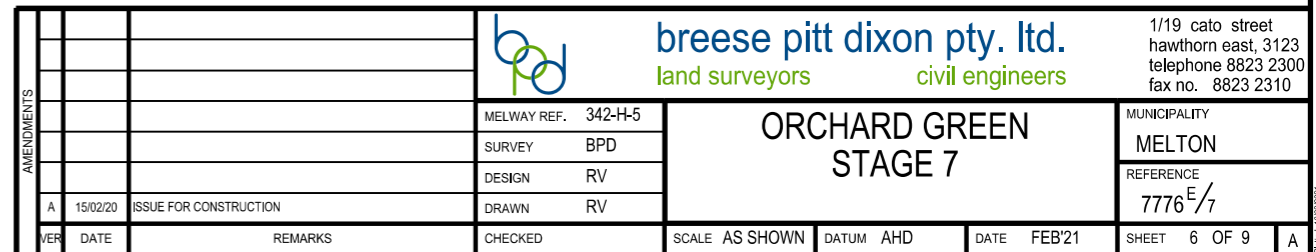
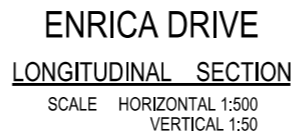
SCALE HORIZONTAL 1:100
VERTICAL 1:50

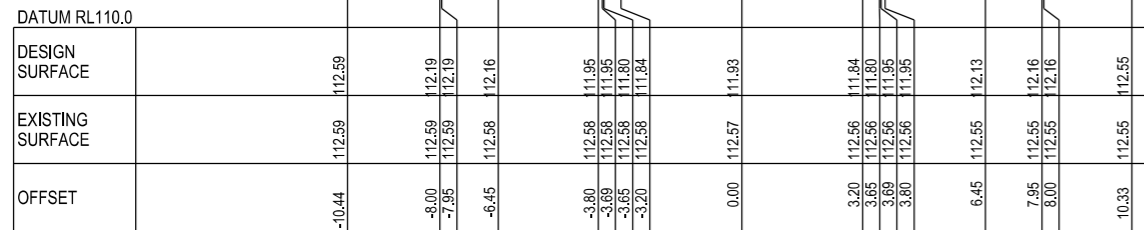
SCALE H 1:100 V 1:50 @ A1

HORIZ 2 1 0 2 4 8
VERT 1 0.5 0 1 2 4

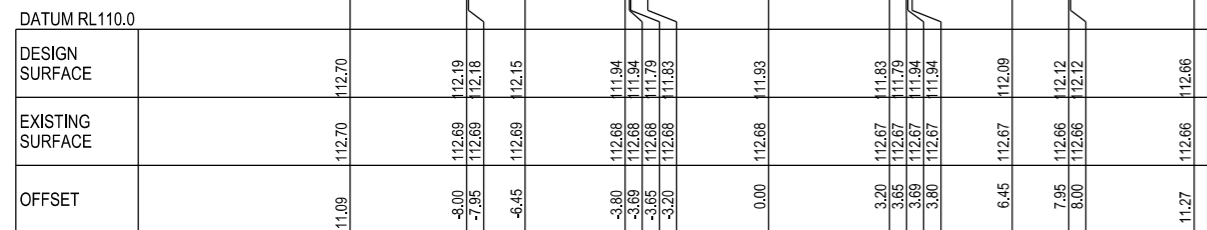
LENGTHS ARE IN METRES

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. 342-H-5			ORCHARD GREEN STAGE 7				MUNICIPALITY MELTON			
	SURVEY BPD							REFERENCE 7776 E/1			
	DESIGN RV			DRAWN RV		SCALE AS SHOWN		DATUM AHD	DATE FEB'21	SHEET 5 OF 9	A
VER	DATE	REMARKS	CHECKED								

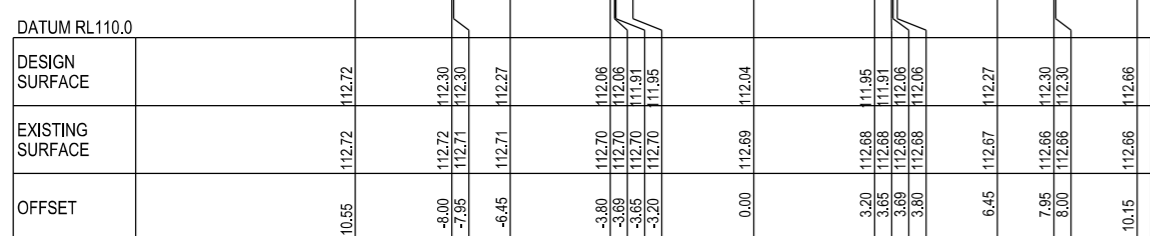




TP230.80



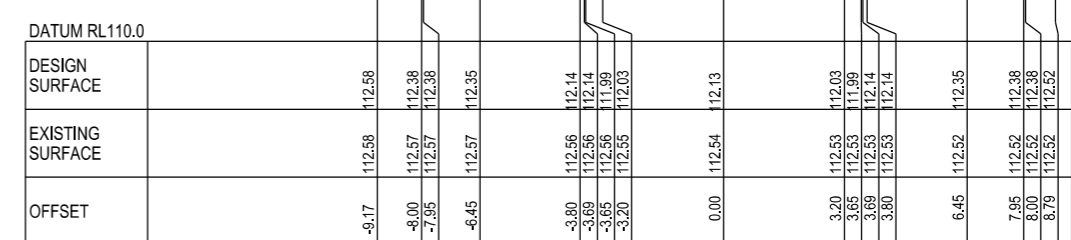
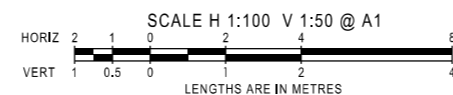
TP207.20



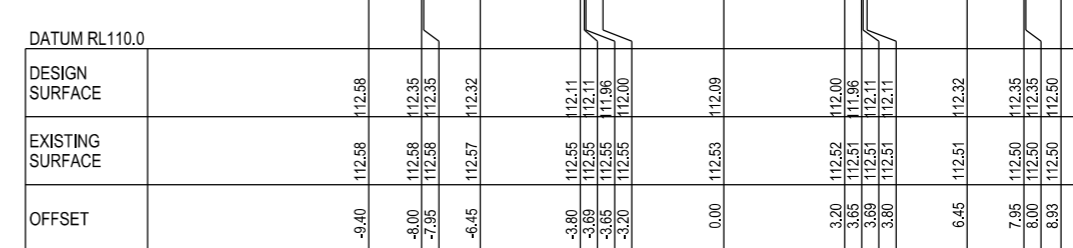
CH184.50

ENRICA DRIVE

CROSS SECTIONS
SCALE HORIZONTAL 1:100
VERTICAL 1:50





CH255.00





CH243.00

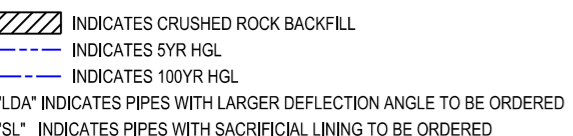
LEGEND

 EXISTING SURFACE

 DESIGN SURFACE

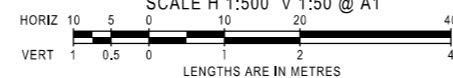
 TYPE A SELECTED MATERIAL FILL


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. 342-H-5	ORCHARD GREEN STAGE 7			MUNICIPALITY MELTON			
			SURVEY BPD							
			DESIGN RV				REFERENCE 7776 ^E / ₇			
			DRAWN RV							
A	15/02/20	ISSUE FOR CONSTRUCTION								
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE FEB'21	SHEET 7 OF 9	A		



SCALE HORIZONTAL 1:500
VERTICAL 1:50

SCALE H 1:500 V 1:50 @ A1



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.	342-H-5	ORCHARD GREEN STAGE 7				MUNICIPALITY				
			SURVEY	BPD					MELTON				
			DESIGN	RV					REFERENCE				
			DRAWN	RV					7776 ^E /7				
A	15/02/20	ISSUE FOR CONSTRUCTION											
VER	DATE	REMARKS	CHECKED		SCALE	AS SHOWN	DATUM	AHD	DATE	FEB'21	SHEET	8 OF 9	A

