

LOCALITY PLAN
SCALE 1:10000

SHEET INDEX

SHT No.	VER	DESCRIPTION
1	B	DETAIL PLAN, LOCALITY PLAN, SERVICES SCHEDULE & SHEET INDEX
2	A	GENERAL NOTES & PAVEMENT DETAILS
3	A	INTERSECTION DETAIL & SIGNAGE PLAN
4	A	ENRICA DRIVE - LONGITUDINAL SECTION & CROSS SECTIONS
5	A	YEOMAN STREET - LONGITUDINAL SECTION & CROSS SECTIONS
6	A	YEOMAN STREET - CROSS SECTIONS
7	B	DRAINAGE LONGITUDINAL SECTIONS
8	B	DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE

Location	Gas	Water		Communications	Electricity		BOK	Road Width	Joint Trenching	Street Classification
		NDW	DW		Cables	Poles				
ENRICA DRIVE	2.10 W	-	2.60 W	1.00° E	1.85 W	2.30 E	1.00 BOK	4.20 W 4.20 E	G&W, FTTH&E	STREET LEVEL 1
YEOMAN STREET	2.10 N	-	2.60 N	1.85 S	1.85 N	2.45 S	0.80 BOK	4.20 N 4.20 S	G&W, FTTH&E	STREET LEVEL 1

SYMBOL LEGEND

Drains	Prop	Prev Stage
Sewer < 3000	S	S
Sewer ≥ 3000	S	S
Water (DW)	W	W
Water (NDW)	W	W
House Drain	H	H
Property Inlet	I	I
Street Sign	S	S
PSM	P	P
Rock Ret Wall	R	R
Sleeper Ret Wall	S	S
Conduits 50mm	C	C
Conduits 100mm	C	C
Street Tree without/with Passive Irrigation (Refer Detail)	T	T
Ex Drains	Ex W	Ex W
Ex Water DW/NDW	Ex S	Ex S
Ex Sewer/Gas	Ex E	Ex E
Ex Elect/Comm	Ex T	Ex T
Ex Natural/FS Level	Ex N	Ex N
FS @ Building Line	FS	FS
Top/Toe of Batter	Top	Top
Top Ret. Wall Level	Ret	Ret
100yr Flood Level	F	F
Fill Proposed (<0.3m)±0.3m	Fill	Fill
Cut Proposed	Cut	Cut
Asphalt Surface Prop	Asp	Asp
Concrete Surface Prop (Paths/Driveways/Slabs)	Conc	Conc
Tree To Be Removed	Tree	Tree
Tree To Be Retained with Tree Protection Zone (TPZ)	Tree	Tree

AMENDMENTS	DATE	REMARKS
B	15/09/20	AMENDED PIT 8 LOCATION
A	23/08/20	ISSUED FOR CONSTRUCTION

MELWAY REF.	342-H-6
SURVEY	BPD
DESIGN	OT
DRAWN	PG
CHECKED	

breese pitt dixon pty. ltd.
land surveyors civil engineers

**ORCHARD GREEN ESTATE
STAGE 6**

1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	MUNICIPALITY MELTON
REFERENCE 7776 E/6	SHEET 1 OF 8

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.

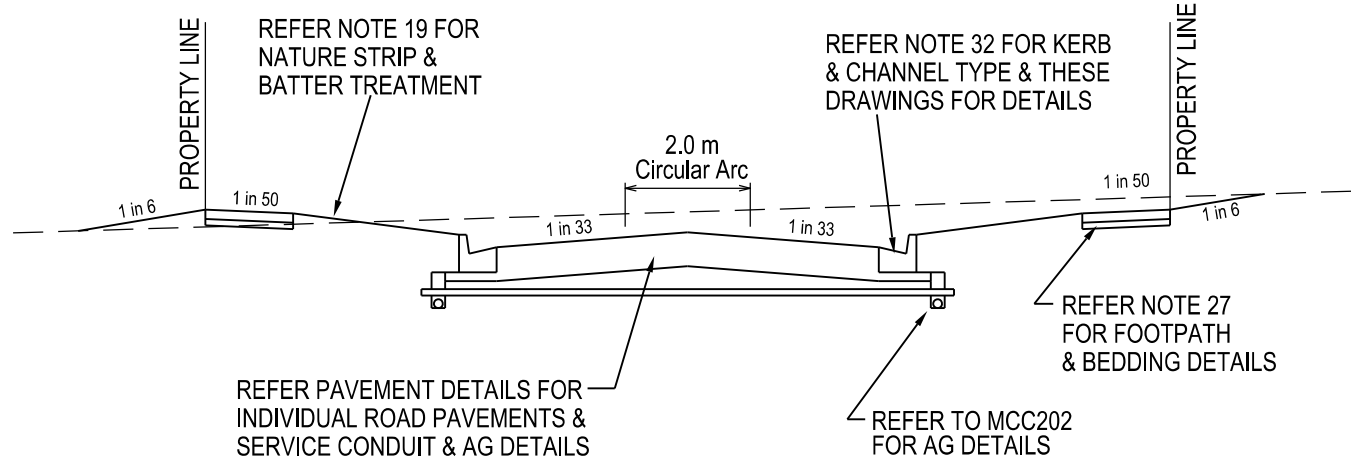
ATTENTION TO CONTRACTOR

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

NOTES

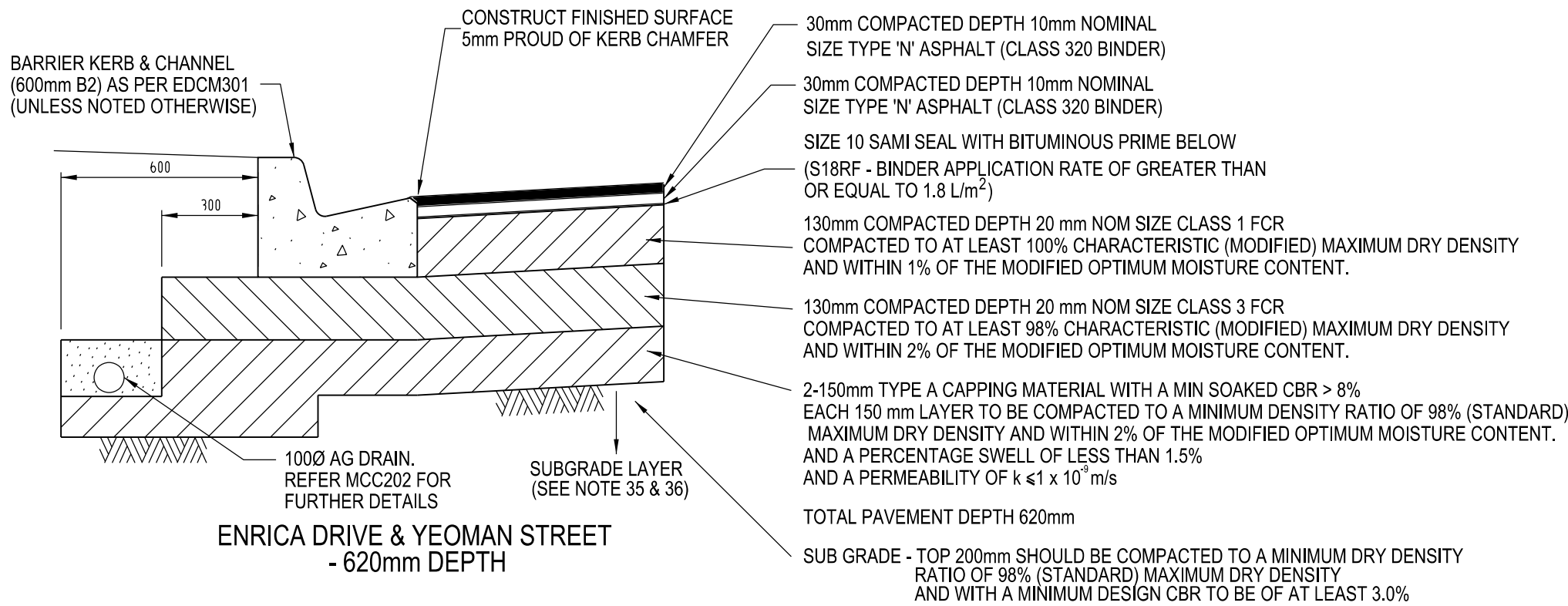
- CONSTRUCTION PLANS MUST BE ACCOMPANIED BY THE APPROVED SPECIFICATION. NO WORK IS TO COMMENCE WITHOUT EVIDENCE OF POSSESSION OF EACH.
- ALL WORKS TO BE CARRIED OUT TO STANDARD DRAWINGS AND SPECIFICATION AS APPROVED BY CITY OF MELTON AND TO THE SATISFACTION OF THE ENGINEER AND THE MUNICIPAL ENGINEER. IN CASE OF A DISPUTE THE SPECIFICATION MUST TAKE PRECEDENCE.
- COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
- PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN. MINIMUM COVER TO BE 400mm. REFER VPA STD DWGS EDM701, EDM702 & EDM703.
- LOTS DENOTED THUS 25H ARE TO BE PROVIDED WITH A 100mm DIA. HOUSE DRAIN PLACED 5.5m FROM LOW CORNER OF LOT UNLESS OTHERWISE SHOWN. REFER VPA STD DWGS EDM701 & EDM703.
- AGRICULTURAL PIPE DRAINS, AS PER COUNCIL STD DWG MCC202, TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER PITCHERS AND WHERE DIRECTED BY THE ENGINEER.
- DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM PIPE CHAINAGES. CENTRELINE OF PITS AT TP's TO BE OFFSET 1.00 METRE.
- ALL 150mm TO 750mm DIA. TO BE R.C.(R.R.) AND 825mm DIA. AND GREATER TO BE R.C.(F.I). PIPES LAYED ON A CURVE TO BE R.RJ. ALL CONCRETE PIPES TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.
- WHERE DRAINAGE PIPES ARE LOCATED WITHIN NATURE STRIPS, THE TRENCH SHALL BE BACKFILLED WITH COMPACTED CLASS 3 F.C.R. 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.
- 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.)
- 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.
- BATTERS SHALL BE 1 IN 6 FOR FILL AND 1 IN 6 FOR CUT UNLESS OTHERWISE SHOWN.
- ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM SITE.
- LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER, ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE.
- ALL RESERVE 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.
- 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 ASS798-2007 APPENDIX B, LEVEL 1.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION No. 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE SUPERVISING ENGINEER.
- EARTH FILL IS TO BE COMPACTED TO A RELATIVE COMPACTION COMPARED TO A STANDARD COMPACTION TEST AS SPECIFIED BY VICROADS CORPORATION OF:
-100% FOR ALL FILL MATERIAL AND MATERIAL UNDER FILL THAT IS LESS THAN 450mm FROM THE SURFACE.
-97% FOR ALL FILL NOT COVERED AS ABOVE.
- NATURE STRIP AND AREAS OF CUT ARE TO BE TOPSOILED AND GRASSED TO THE SATISFACTION OF THE ENGINEER. MINIMUM DEPTH TO BE 100mm.
- ALL NATIVE TREES AND SHRUBS TO BE RETAINED UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL OR REMOVAL IS DIRECTED BY THE ENGINEER. NO EXCAVATION WITHIN 5m OF ANY EXISTING NATIVE TREE WITHOUT APPROVAL OF THE ENGINEER.
- WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED, BY THE CONTRACTOR, PRIOR TO THE COMMENCEMENT OF WORKS.
- SERVICES CONDUITS ARE TO BE PROVIDED AT 90deg TO KERB AND CHANNEL UNLESS OTHERWISE SHOWN AND THE LOCATION IS TO BE MARKED ON THE FACE OF KERB. ALL SERVICE CONDUITS TO BE MINIMUM STANDARD OF CLASS 8, WITH A MINIMUM COVER OF 75mm ABOVE TOP OF CONDUIT TO SUB GRADE LEVEL, AND A SIZE SUITABLE TO SERVICE BUT NOT LESS THAN 50mm.
- WATER AND GAS CONDUITS TO BE CONSTRUCTED ACROSS NATURE STRIPS AFTER ELECTRICAL CABLE WORK IS COMPLETED.
- THE WATER CONDUIT OFFSET FROM THE LOT BOUNDARY IS GIVEN ON THE WATER RETICULATION PLAN. THE CONTRACTOR MUST CONSTRUCT CONDUITS ACCORD WITH THE GIVEN OFFSET AND ENSURE THAT THE CONCRETER MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.
- TELSTRAN/BM Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- 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.
- 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.
- PRAM CROSSINGS ARE TO BE CONSTRUCTED WHERE FOOTPATHS CONNECT TO THE BACK OF KERB & CHANNEL. REFER TO COUNCIL STD DWG MCC403.
- STREET SIGNS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARDS.
- THE CONTRACTOR SHALL, TO THE SATISFACTION OF THE ENGINEER AND THE MUNICIPAL ENGINEER, PROVIDE AND MAINTAIN INCLUSIVE OF STREET SIGNS, ALL NECESSARY REGULATORY SIGNS, WARNING SIGNS, LIGHTING, LINE MARKING AND BARRICADING TO COMPLY WITH THE REQUIREMENTS OF VICROADS SIGNING CODE OF PRACTICE.

- THE CONTRACTOR IS TO SUPPLY AND ERECT ALL RELEVANT STREET SIGNAGE AND LINE MARKING AS PART OF THE CONTRACT IN ACCORDANCE WITH VICROADS SPECIFICATION SECTIONS 710 & 722 AND AS1742.1, 2 & 3.
- ALL ROADS TO BE CONSTRUCTED WITH 600 B2 KERB & CHANNEL UNLESS OTHERWISE SHOWN. REFER VPA STD DWG EDM301.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A ROAD OPENING PERMIT FOR WORKS IN PREVIOUSLY CONSTRUCTED ROADWAYS.
- IF BLASTING IS REQUIRED THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A PERMIT TO BLAST AND MAINTAINING SAFETY REGULATIONS ON SITE IN COMPLIANCE WITH THE EXPLOSIVES ACT 1960. THE PERSON WHO IS USING THE EXPLOSIVES ON THE SITE IS TO BE A HOLDER OF A CURRENT PERMIT TO USE EXPLOSIVES ISSUED UNDER THE EXPLOSIVES ACT 1960.
- 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.
- THE SUBGRADE BELOW ALL PAVEMENTS SHALL BE COMPACTED TO A DRY DENSITY OF NOT LESS THAN 100% OF THE MAXIMUM DRY DENSITY OBTAINED IN THE STANDARD COMPACTION TEST IN AREAS OF CUT TO A DEPTH OF 150mm AND IN AREAS OF FILL TO A DEPTH OF 450mm.
- CONCRETE TO HAVE A 28 DAY STRENGTH OF 25 MPa.
- ALL SPLAYS ARE 3.00m X 3.00m UNLESS OTHERWISE SHOWN.
- ALL LEVELS ARE TO THE AUSTRALIAN HEIGHT DATUM (A.H.D.).
- EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL SUPERVISING ENGINEER.
- THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL 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.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR MUST SUBMIT A SMP TO THE DEVELOPER'S CONSULTANT FOR APPROVAL. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION No.275 "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" AND MW SITE ENVIRONMENTAL MANAGEMENT POLICY 3.8.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
- PROVIDE 1.8m HIGH PALING FENCE ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND MUNICIPAL RESERVE. PALINGS TO BE ON THE RESERVE SIDE AND STAINED IN A DARK GREEN COLOUR ON THE SIDE FACING THE RESERVE TO THE SATISFACTION OF COUNCIL.

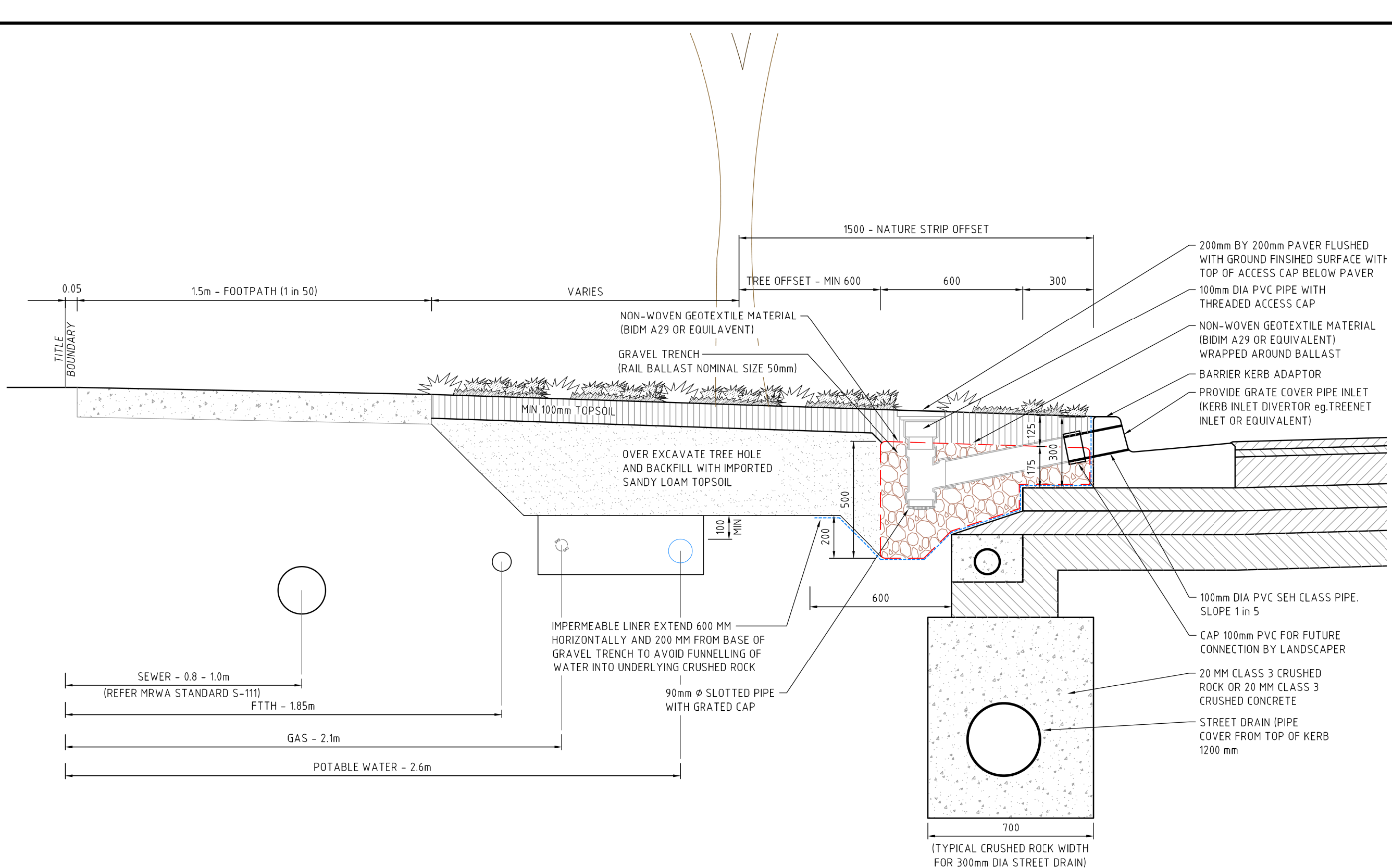


NOTE:
1. REFER SERVICES SCHEDULE FOR OFFSETS.
2. REFER CROSS SECTION SHEETS FOR INDIVIDUAL ROAD WIDTHS AND KERB & FOOTPATH OFFSETS.

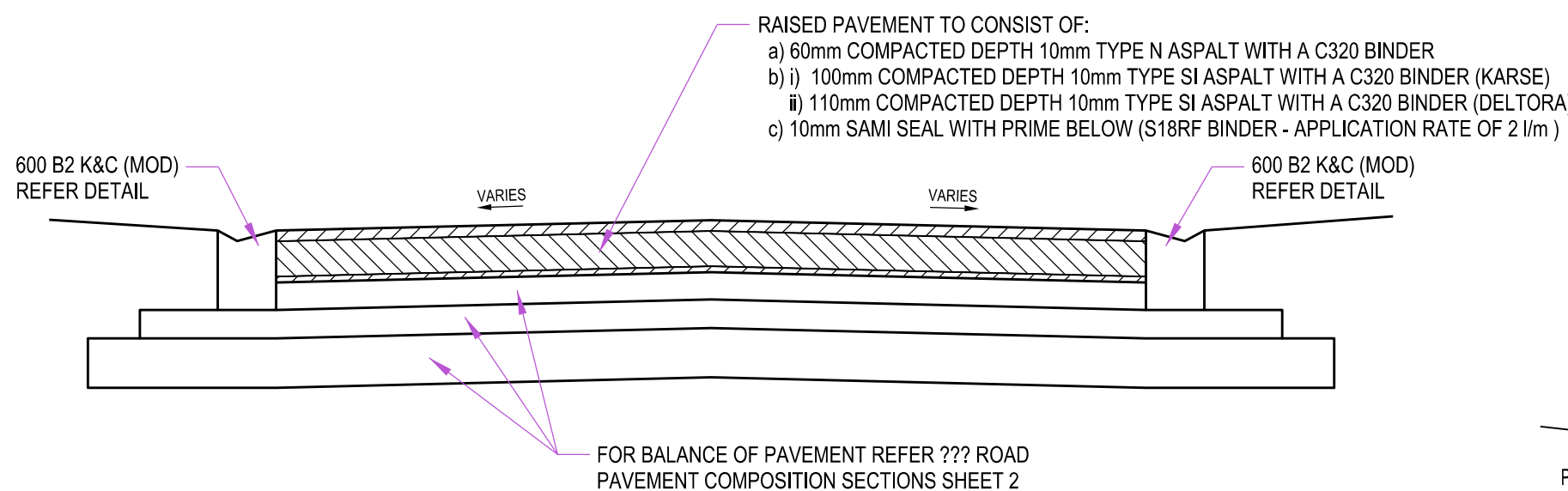
TYPICAL CROSS SECTION
(N.T.S.)



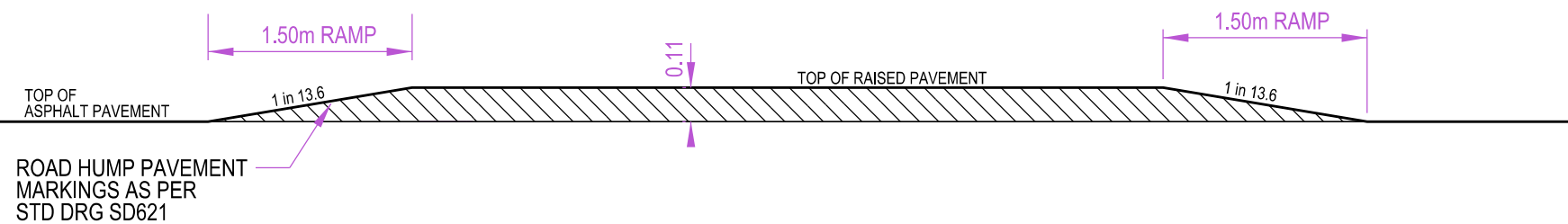
PAVEMENT COMPOSITION
NOT TO SCALE



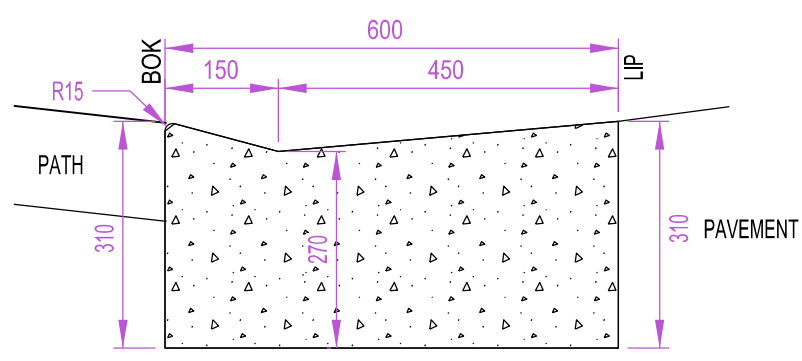
PASSIVE IRRIGATION DETAILS
NOT TO SCALE




TYPICAL RAISED PAVEMENT SECTION DETAIL
(N.T.S.)

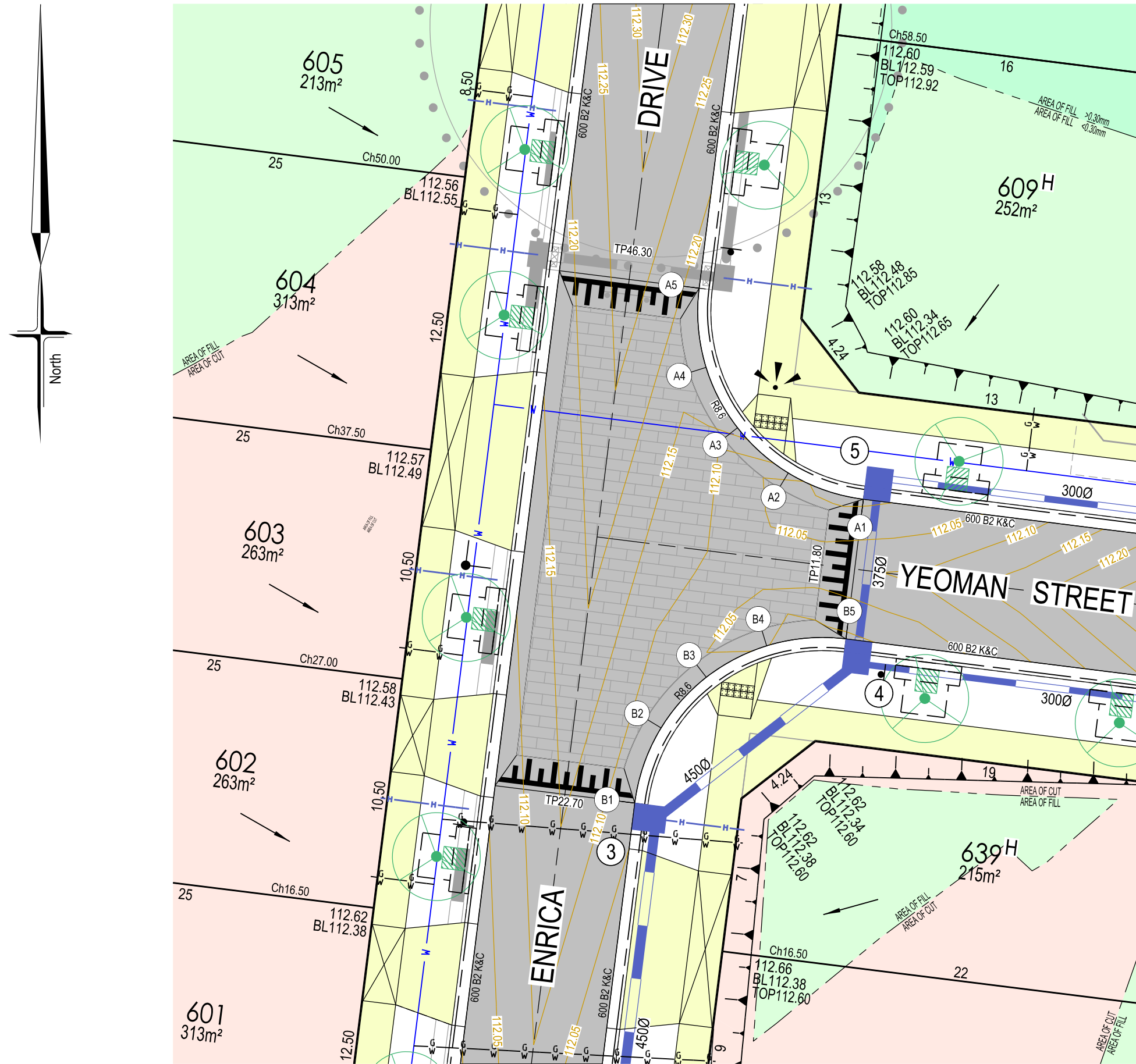


SECTION A-A (TYPICAL)
(N.T.S.)



B2 K&C (MOD) DETAIL
(N.T.S.)

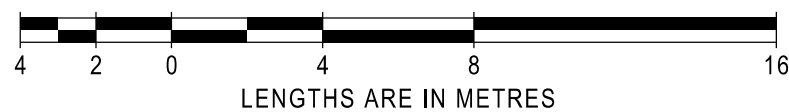
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	MELWAY REF.	342-H-6								
	SURVEY	BPD								
	DESIGN	OT								
	DRAWN	PG								
A	23/08/20	ISSUED FOR CONSTRUCTION								
VER	DATE	REMARKS								
	CHECKED									
	SCALE	AS SHOWN								
	DATUM	AHD								
	DATE	JUL '20								
	SHEET	2 OF 8								



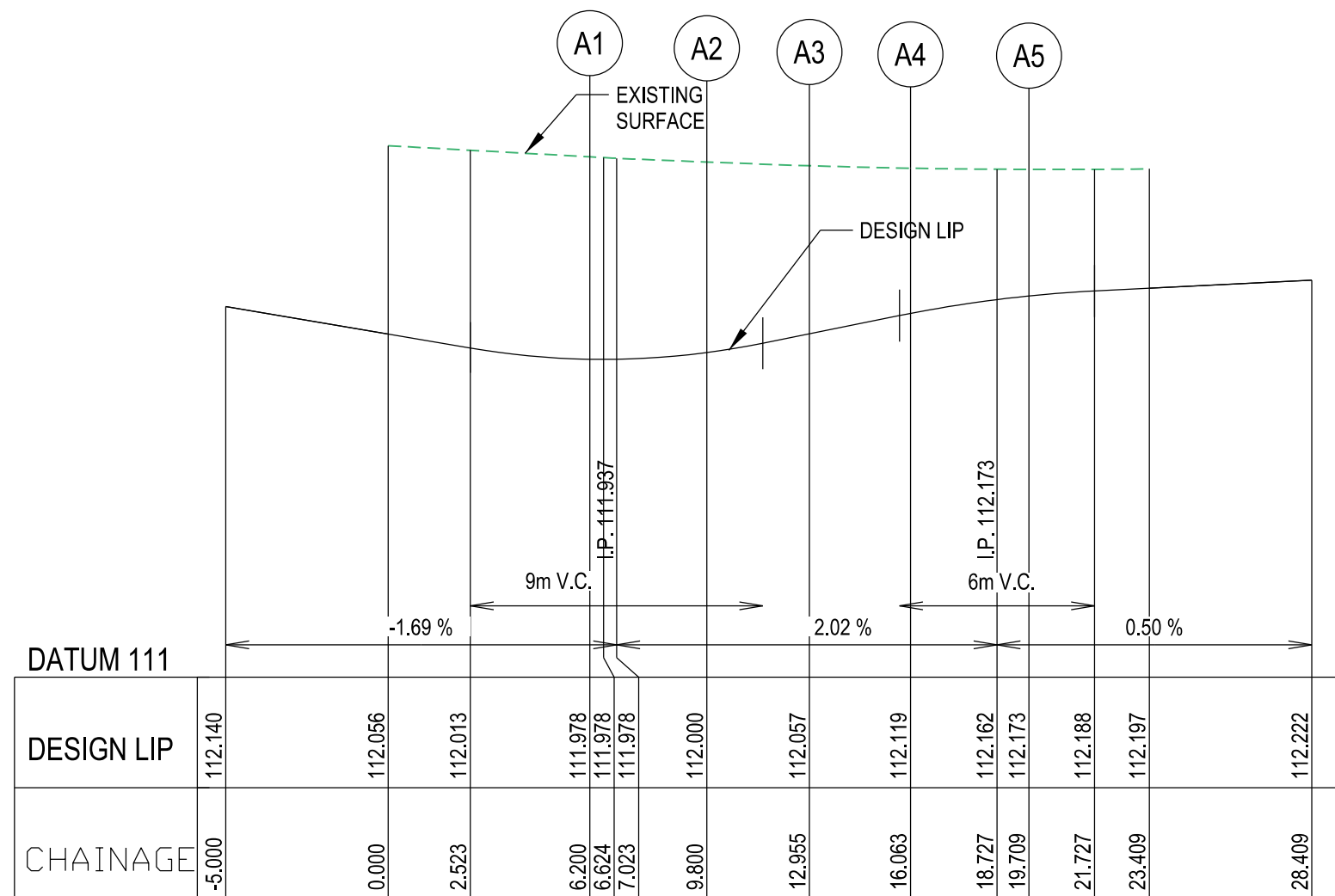
INTERSECTION DETAILS

SCALE 1:200

SCALE 1:200 @ A1



ALL SETOUT DETAILS
ARE PROVIDED
AT LIP OF KERB



LIP LINE A

Alignment A

Point no	Easting	Northing	RL
A1	1466.950	1662.254	111.978
A2	1463.534	1663.449	112.000
A3	1461.228	1665.507	112.057
A4	1459.800	1668.248	112.119
A5	1459.482	1671.854	112.173

Curve Data	Point No.	Length	Radius	Angle
A1	A5	13.50	8.60	90.0

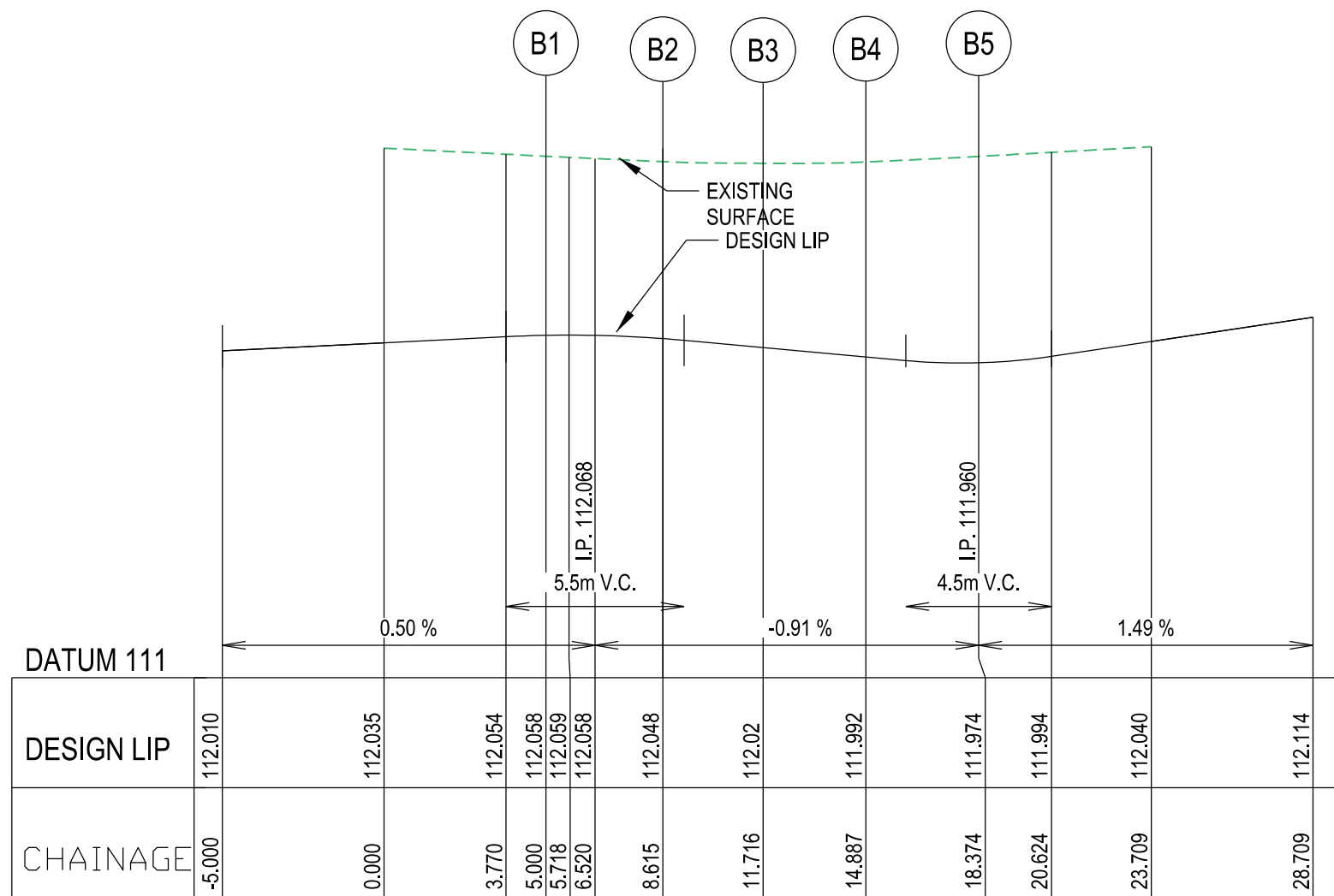
LIP OF KERB PROFILES

SCALE - HORIZONTAL 1:200
VERTICAL 1: 40

Alignment B

Point no	Easting	Northing	RL
B1	1456.558	1648.436	112.058
B2	1457.732	1651.852	112.048
B3	1459.811	1654.158	112.020
B4	1462.552	1655.686	111.992
B5	1466.158	1655.904	111.974

Curve Data	Point No.	Length	Radius	Angle
B1	B5	13.50	8.60	90.0



LIP LINE B

SYMBOL LEGEND

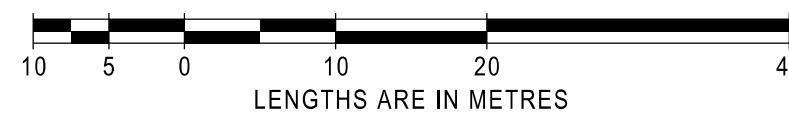
Drains	Prop	Prev Stage
Sewer < 3000	— S —	— S —
Sewer ≥ 3000	— S —	— S —
Water (DW)	— W —	— W —
Water (NDW)	— W —	— W —
House Drain	— H —	— H —
Property Inlet	— P —	— P —
Street Sign	— S —	— S —
PSM	— P —	— P —
Rock Ret Wall	— R —	— R —
Sleeper Ret Wall	— S —	— S —
Conduits 50mm	— C —	— C —
Conduits 100mm	— C —	— C —
Street Tree without/with Passive Irrigation (Refer Detail)	— T —	— T —
Ex Drains	— S —	— S —
Ex Water DW/NDW	— W —	— W —
Ex Sewer/Gas	— S —	— S —
Ex Elect/Comm	— E —	— E —
Ex Natural/FS Level	— S —	— S —
FS @ Building Line	— S —	— S —
Top/Toe of Batter	— T —	— T —
Top Ret. Wall Level	— T —	— T —
100yr Flood Level	— F —	— F —
Fill Proposed (<0.3m) ≥ 0.3m	— F —	— F —
Cut Proposed	— C —	— C —
Asphalt Surface Prop	— A —	— A —
Concrete Surface Prop (Paths/Driveways/Slabs)	— C —	— C —
Tree To Be Removed	— T —	— T —
Tree To Be Retained with Tree Protection Zone (TPZ)	— T —	— T —



SIGNAGE PLAN

SCALE 1:500

SCALE 1:500 @ A1

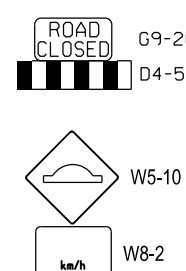


SIGNAGE LEGEND

A STREET SIGNS (2 No) AT CENTRE OF ROUNDABOUT

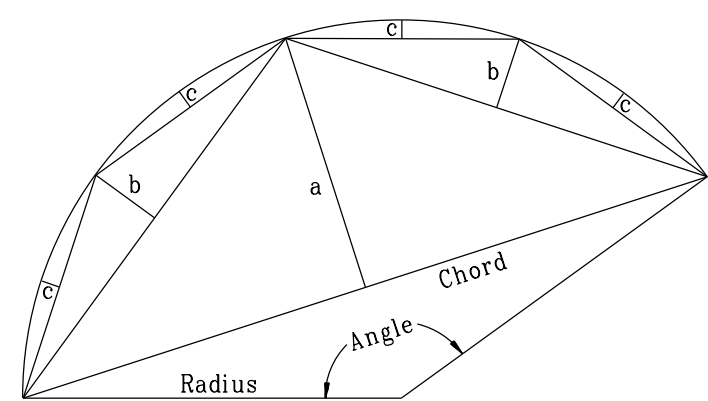
B ROAD CLOSED SIGN (G9-20) WITH OBSTRUCTION
MARKER SIGN (D4-5) - CLASS 1

C RAISED INTERSECTION WARNING SIGN (W5-10)
WITH 20km/h ADVISORY SPEED SIGN (W8-2A)



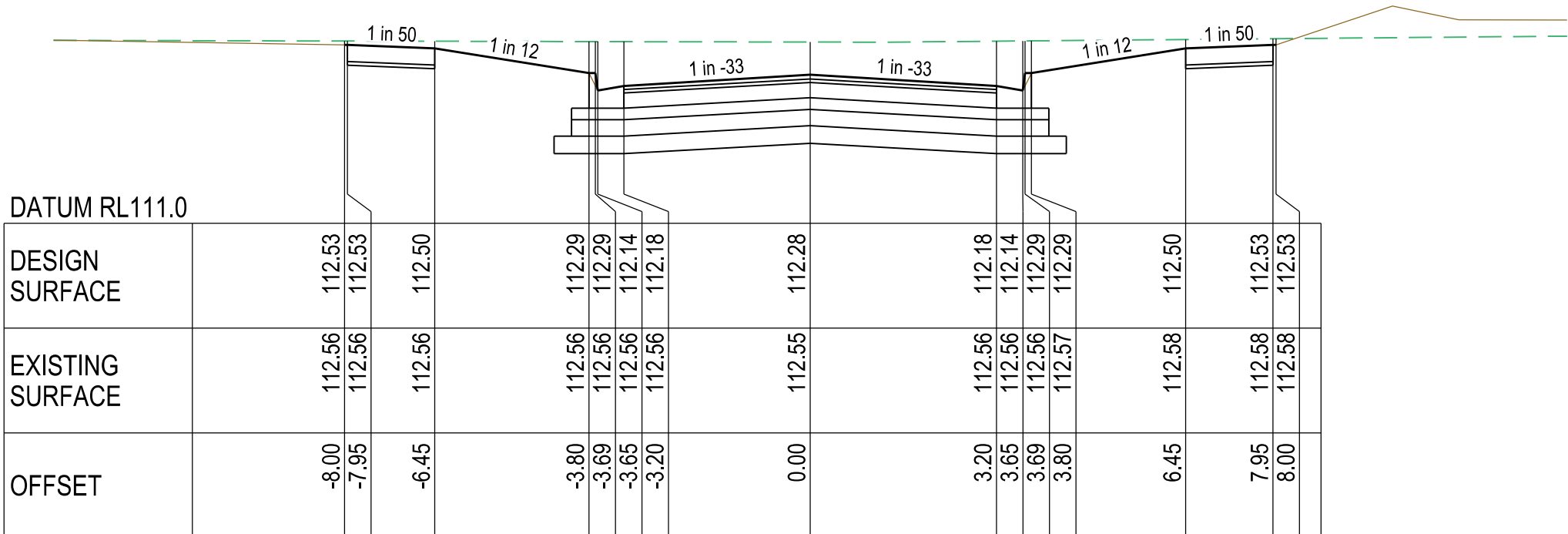
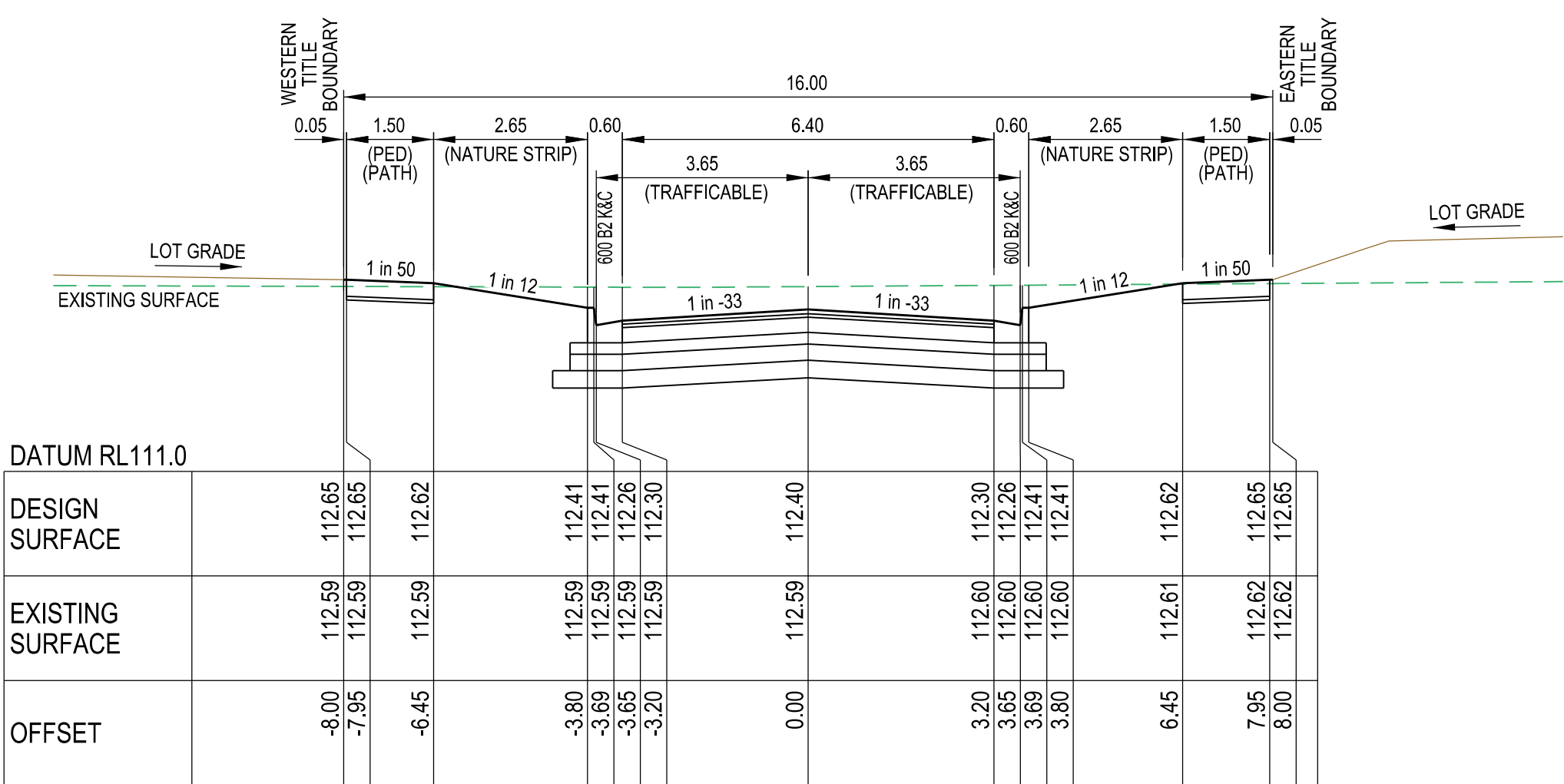
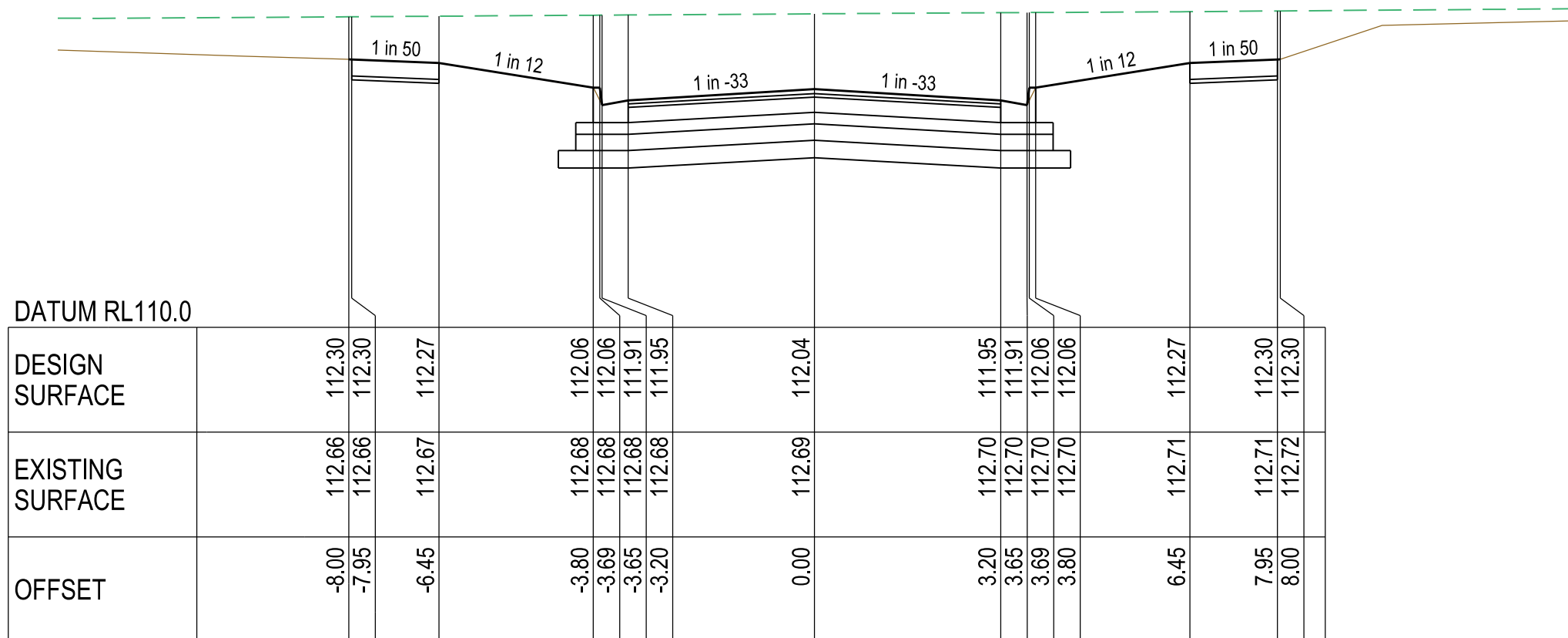
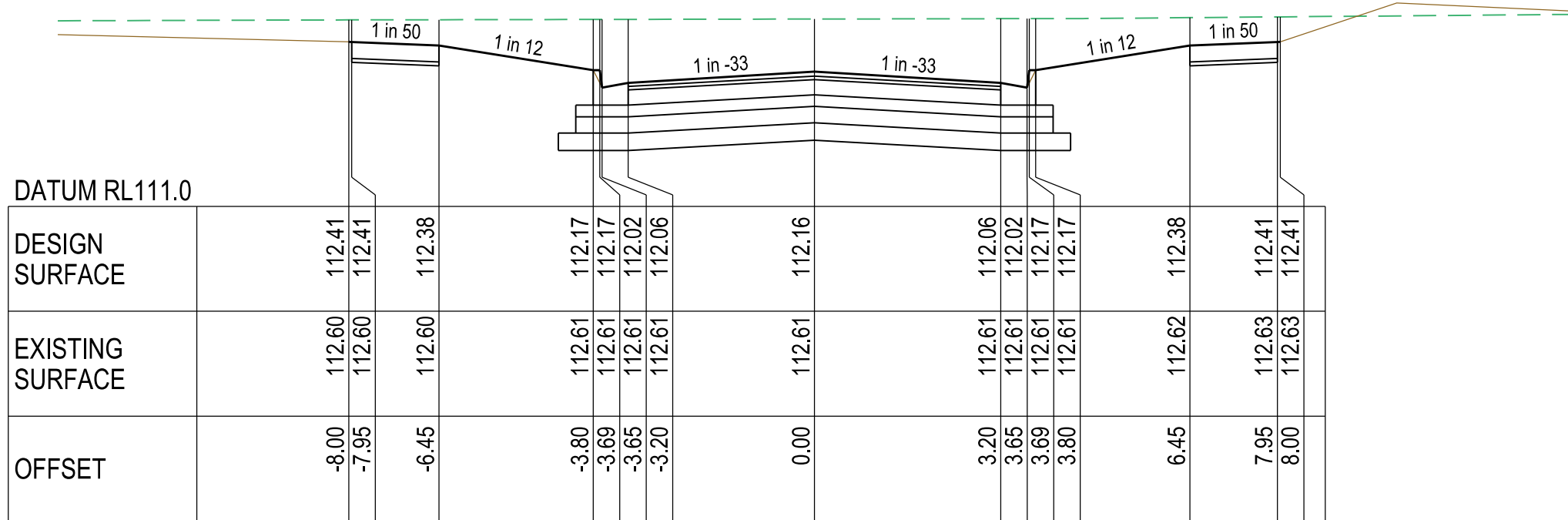
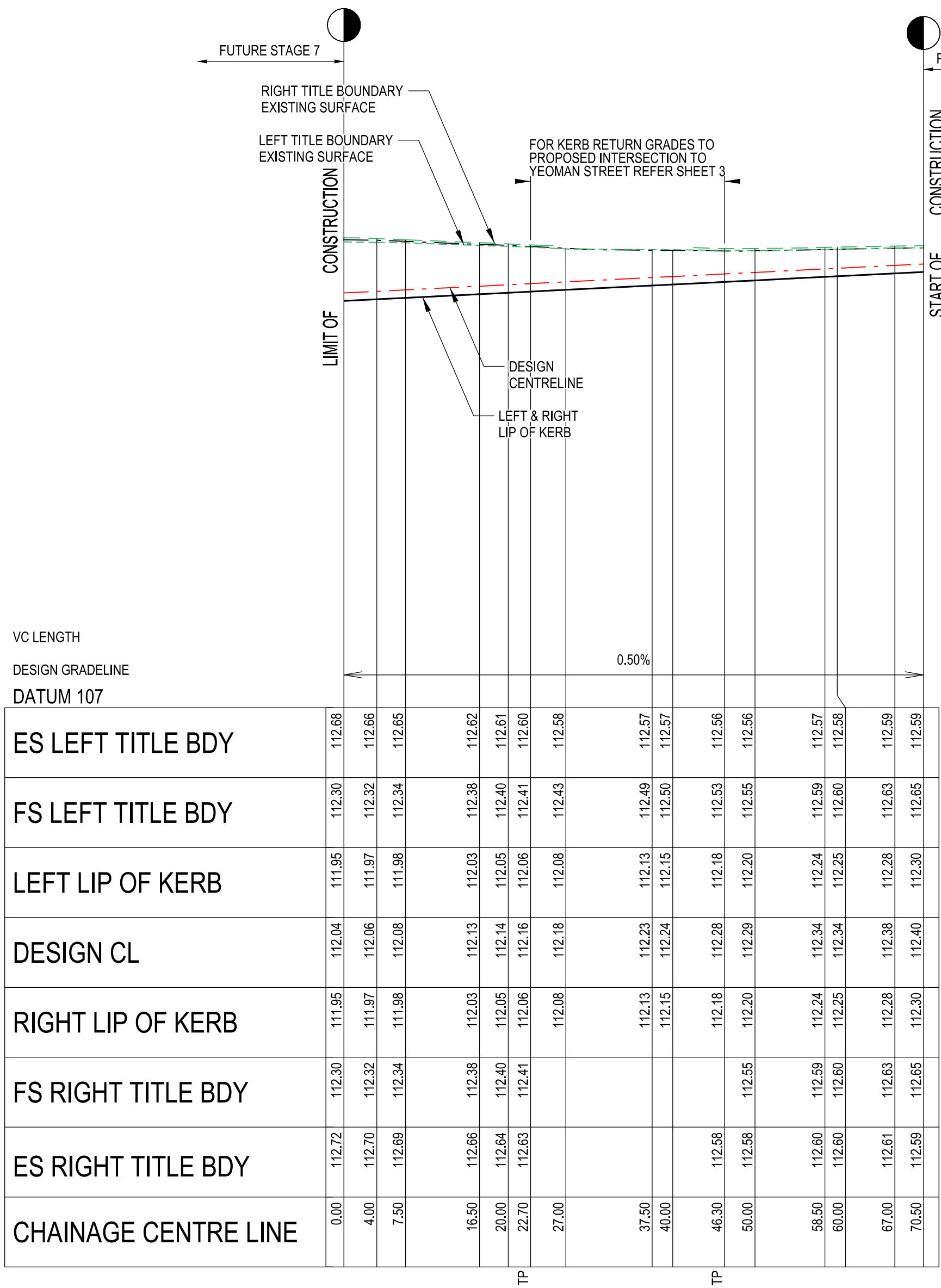
NOTES

- ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE WITH A MINIMUM OF 2 WEDGES.
- 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
- ALL SIGNS TO BE INSTALLED IN ACCORDANCE WITH MCC205




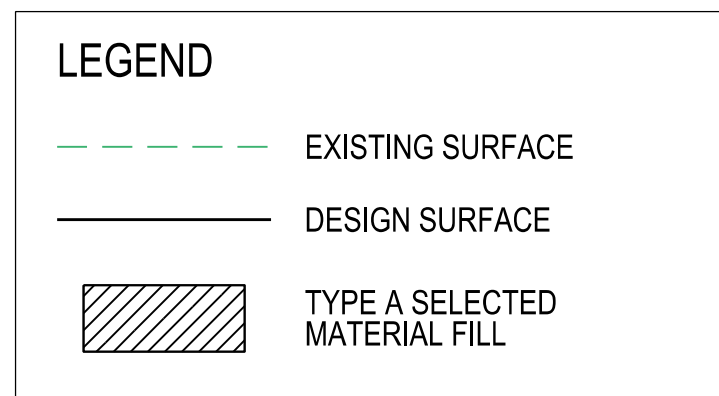
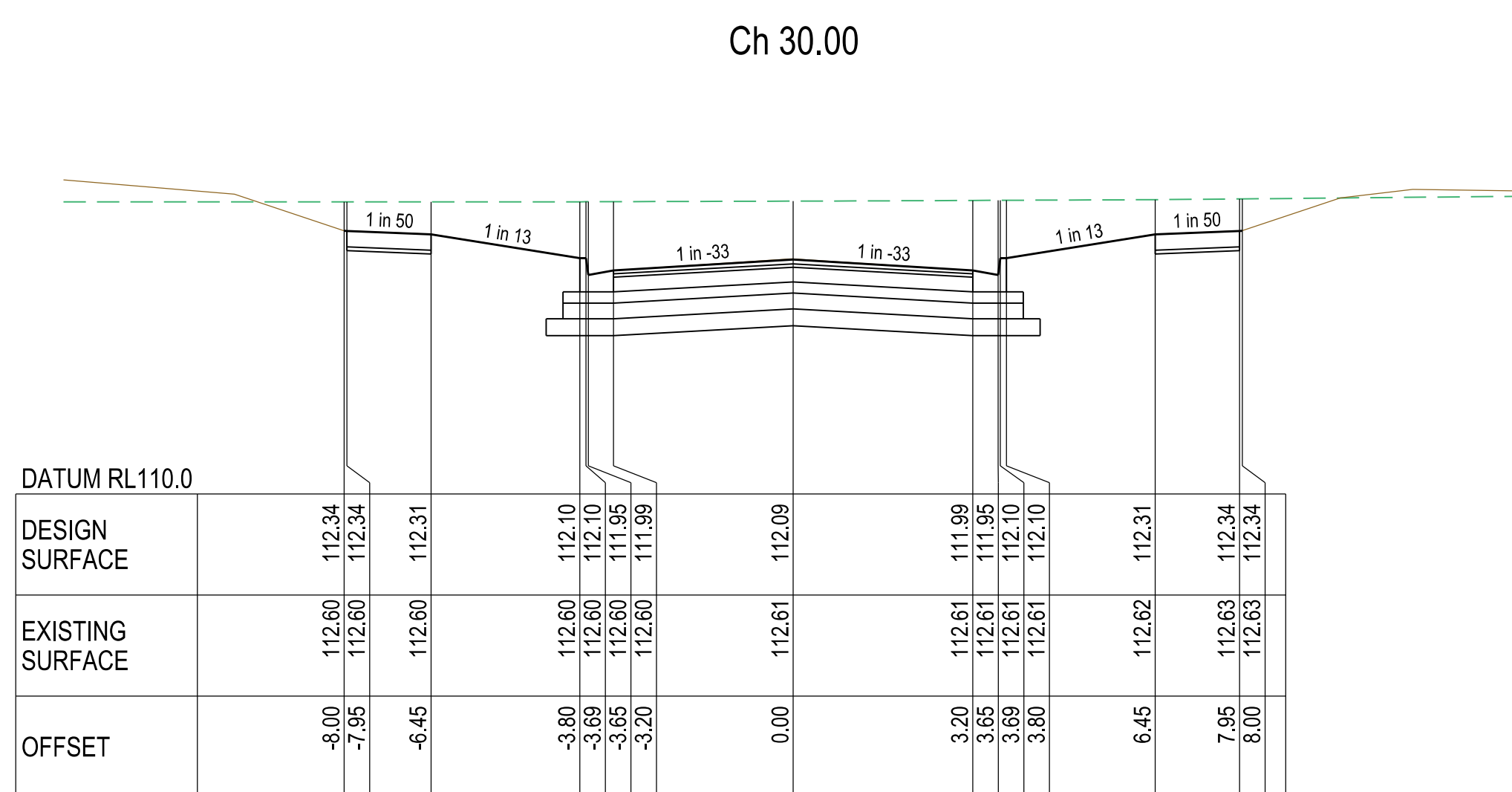
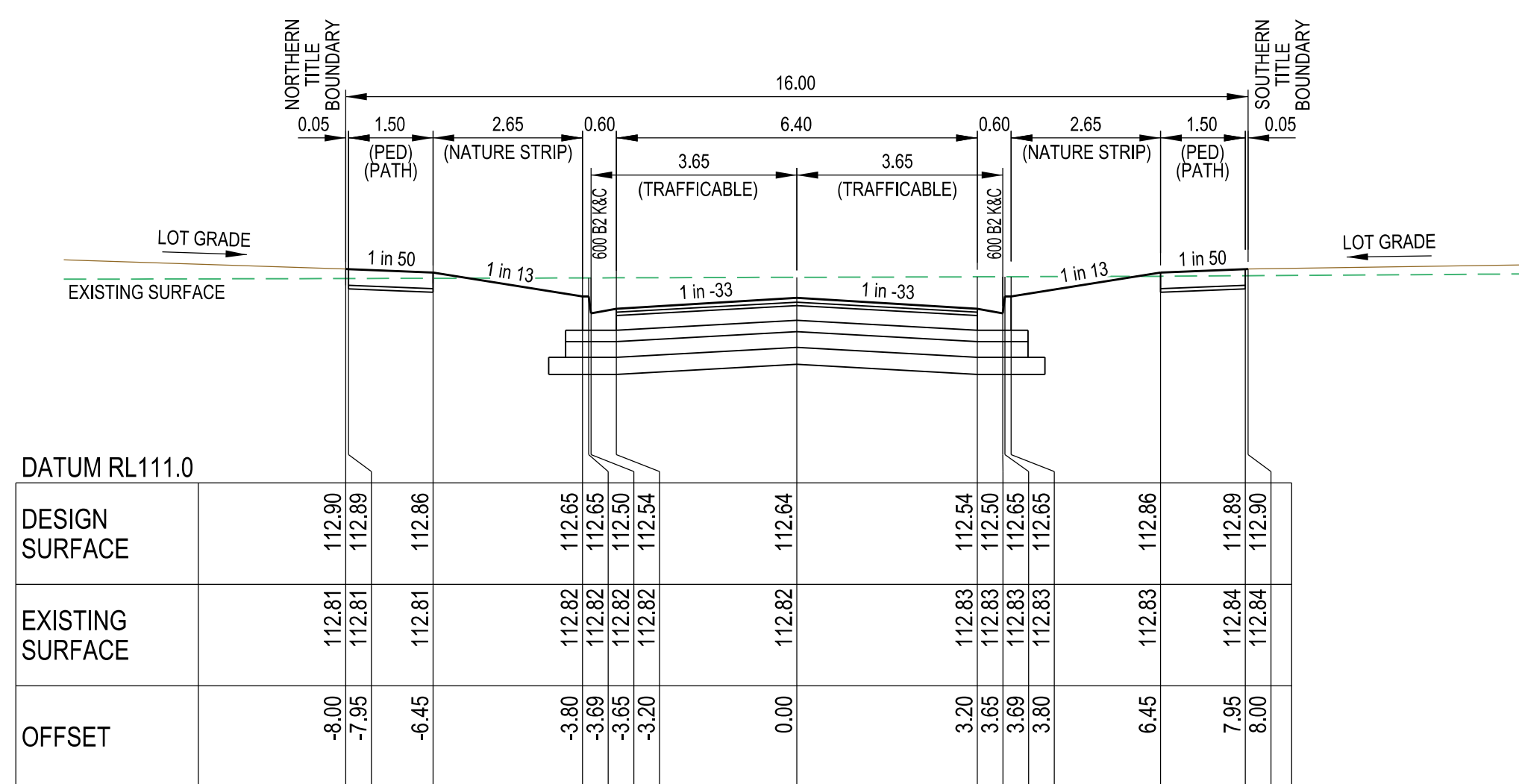
CURVE SETOUT DIAGRAM

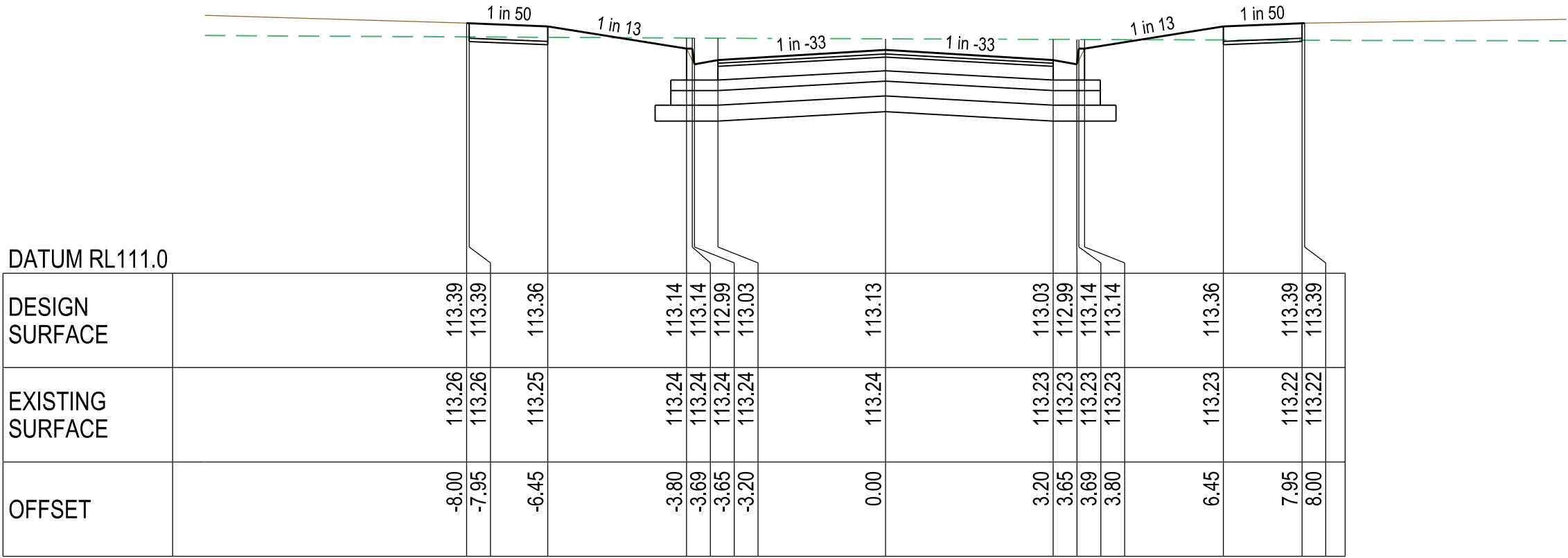
AMENDMENTS				breese pitt dixon pty. ltd. land surveyors civil engineers				1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310			
				MELWAY REF. 342-H- 6				ORCHARD GREEN ESTATE STAGE 6			
				SURVEY BPD				MUNICIPALITY MELTON			
				DESIGN OT				REFERENCE 7776 E/6			
				DRAWN PG				SHEET 3 OF 8			
				A 23/08/20 ISSUED FOR CONSTRUCTION				DATE JUL '20			
				VER DATE REMARKS				CHECKED			
				SCALE AS SHOWN DATUM AHD				DATE JUL '20			



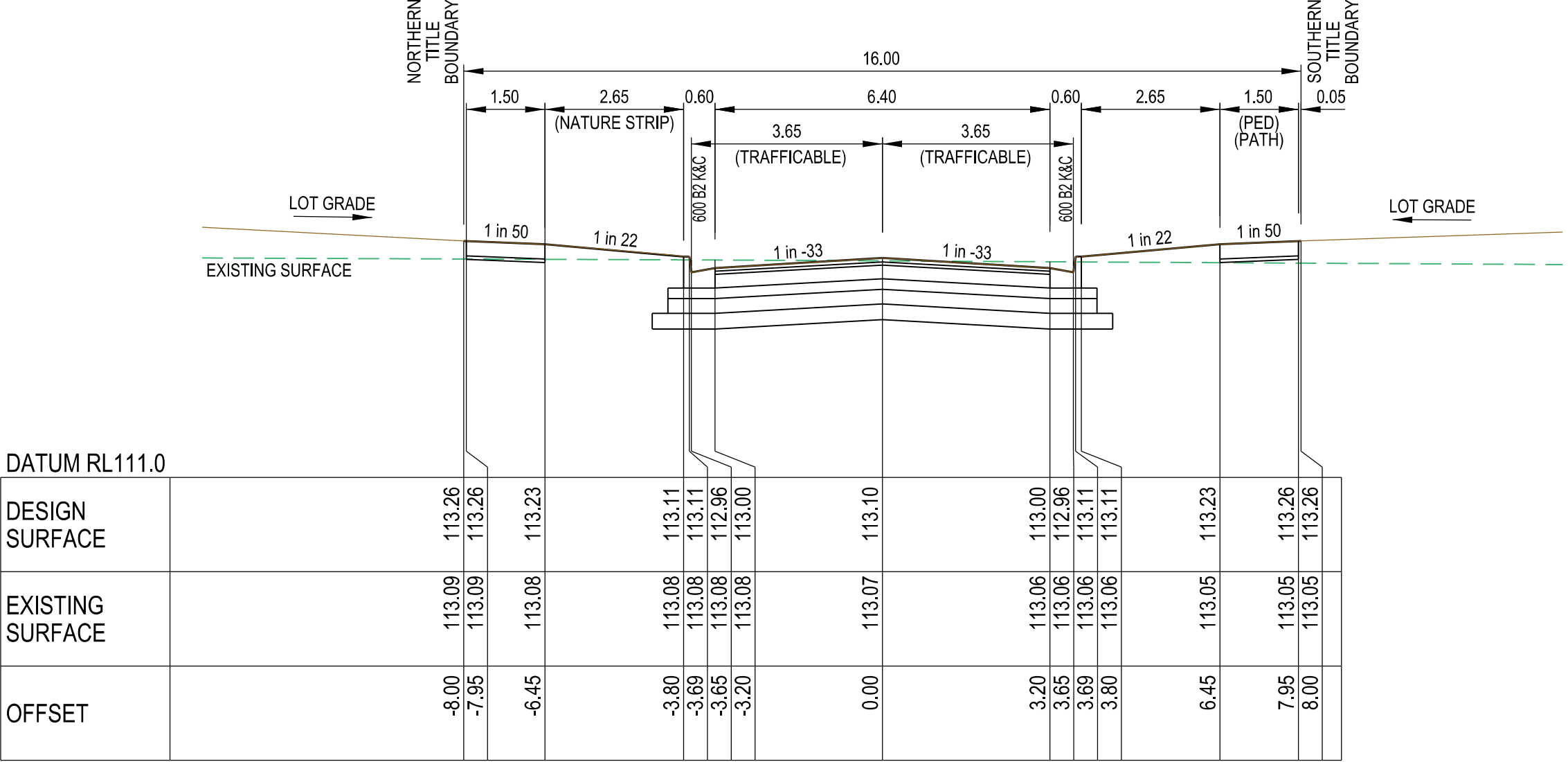
- LEGEND
- EXISTING SURFACE
 - DESIGN SURFACE
 - TYPE A SELECTED MATERIAL FILL

AMENDMENTS							breese pitt dixon pty. ltd.		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
							land surveyors		civil engineers	
			MELWAY REF. 342-H- 6		ORCHARD GREEN ESTATE STAGE 6				MUNICIPALITY	
			SURVEY BPD						MELTON	
			DESIGN OT						REFERENCE	
	A	23/08/20	ISSUED FOR CONSTRUCTION	DRAWN PG				7776 ^E / ₆		
VER	DATE	REMARKS	CHECKED		SCALE AS SHOWN	DATUM AHD	DATE JUL '20	SHEET 4 OF 8	A	

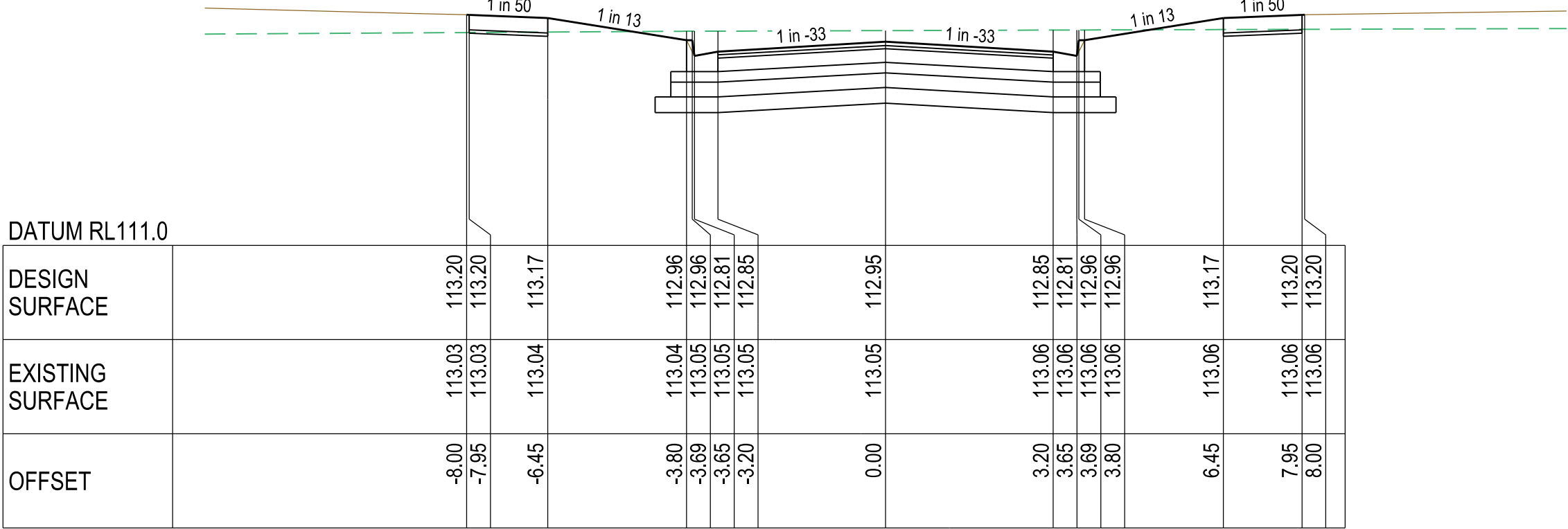




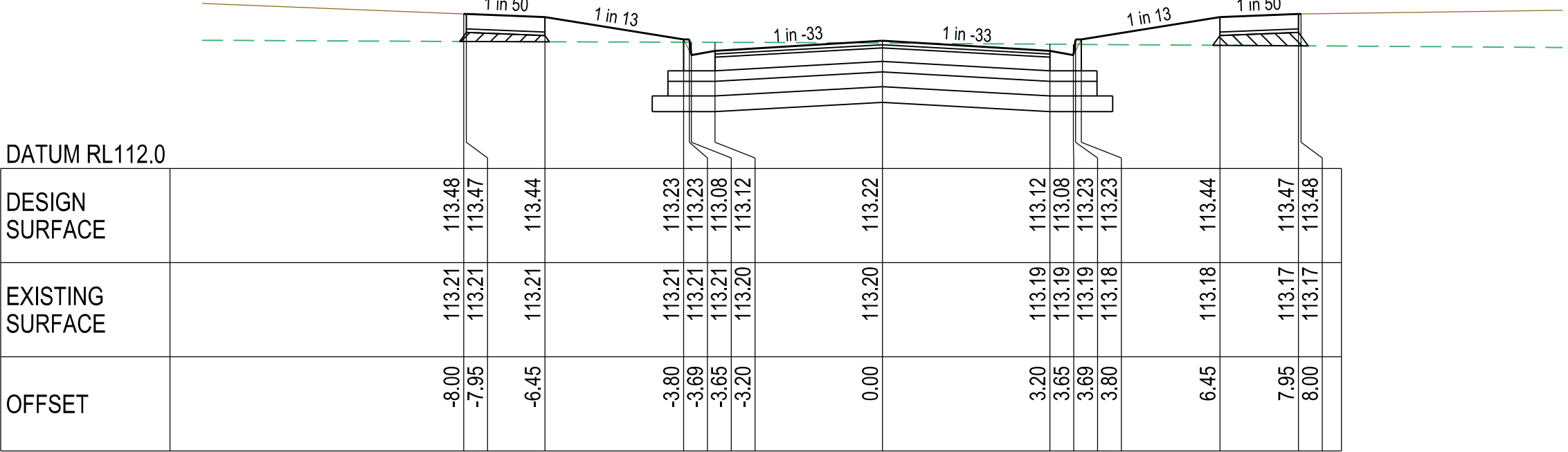
Ch 128.00



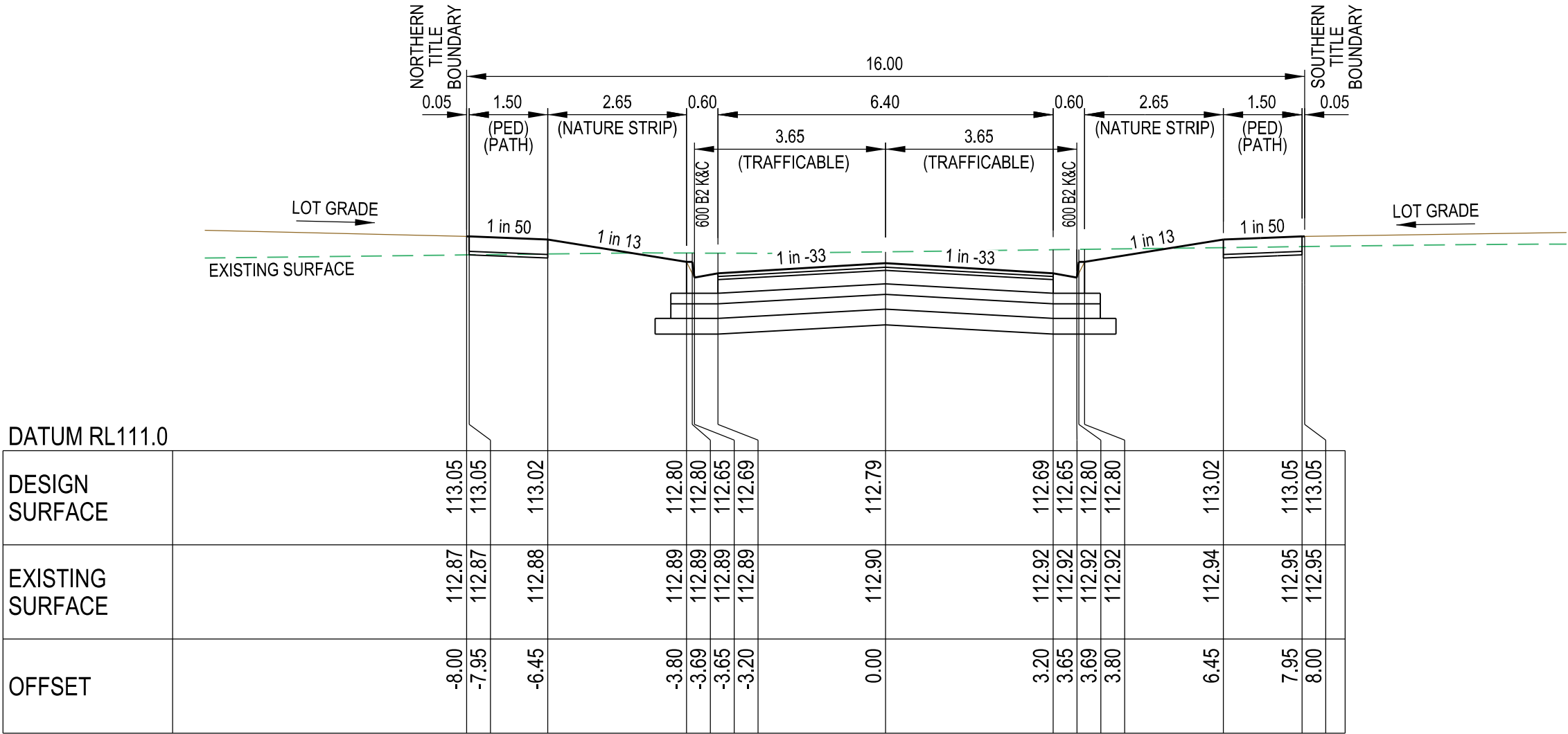
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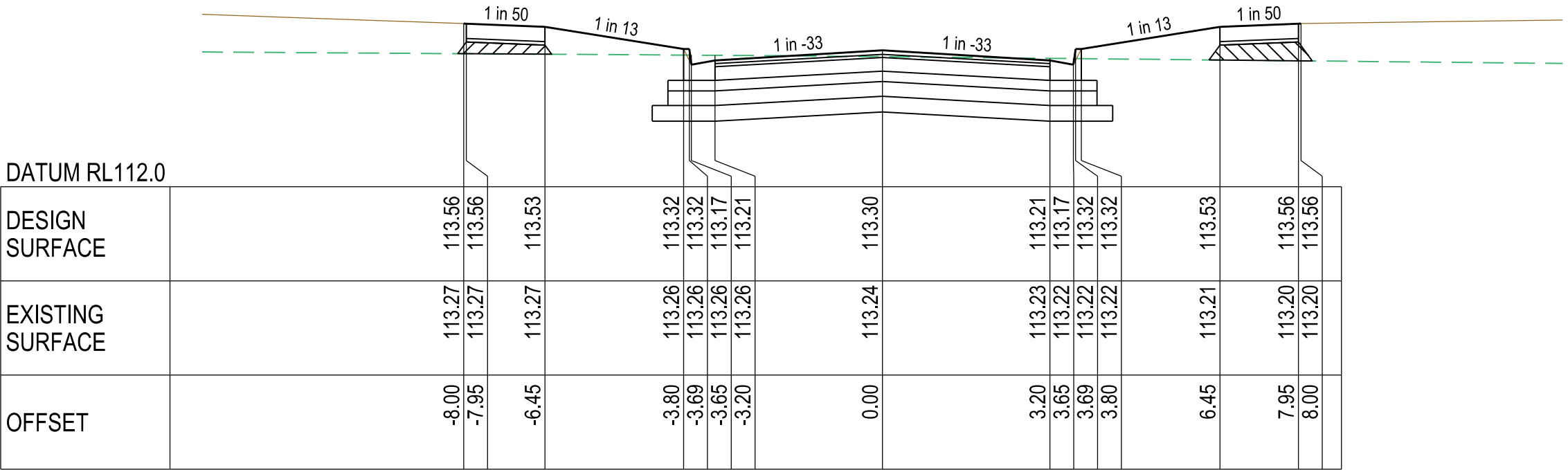
Ch 103.00



Ch 178.00

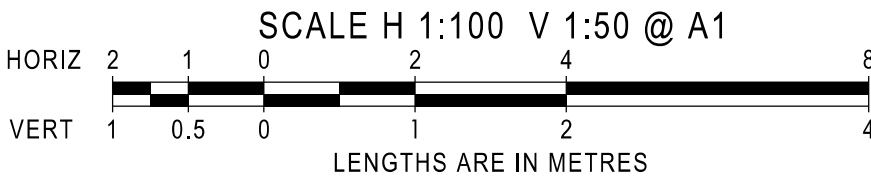


Ch 82.00



Ch 157.00

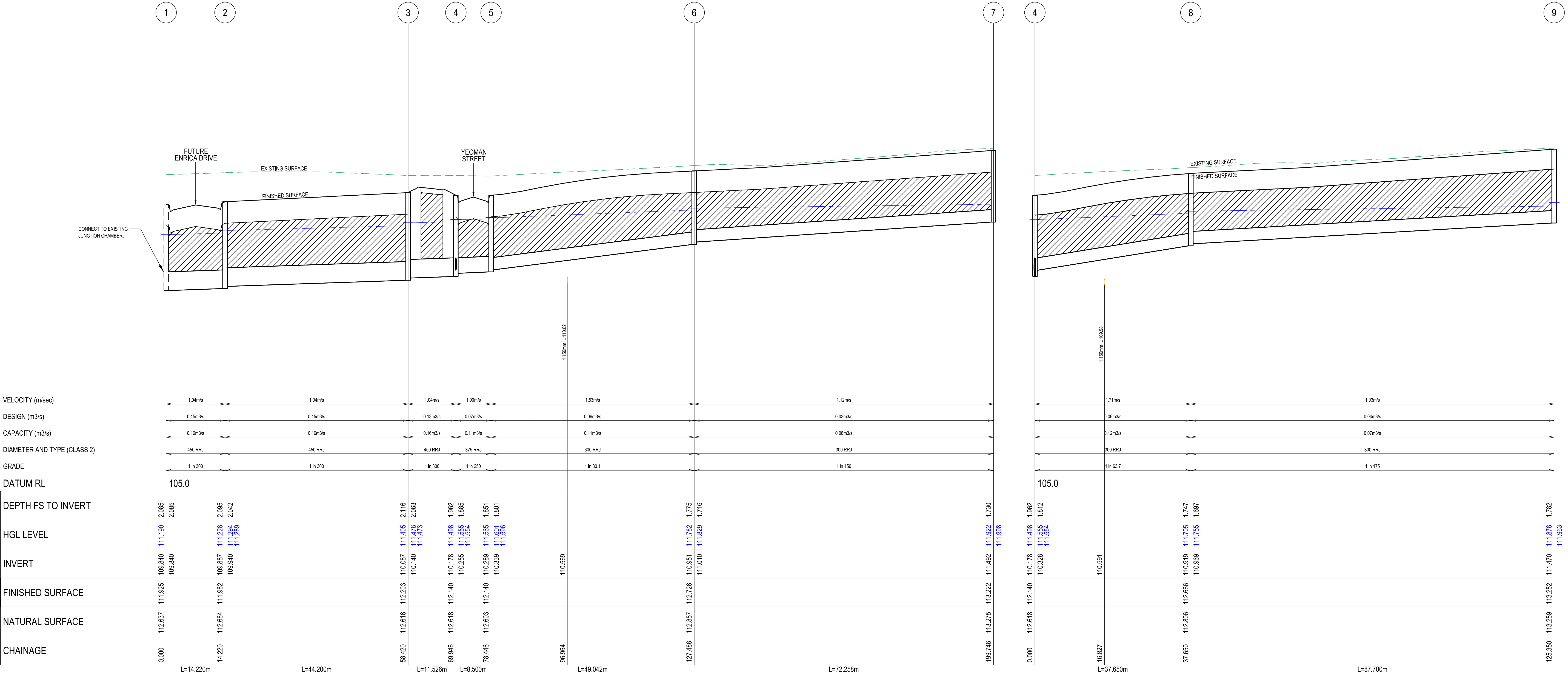
YEOMAN STREET
CROSS SECTIONS
SCALE HORIZONTAL 1:100
VERTICAL 1:50



LEGEND

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

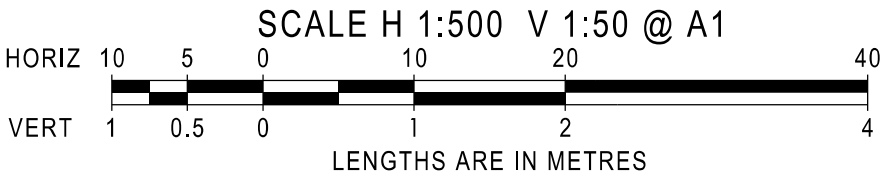
AMENDMENTS		bpd breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
		MELWAY REF. 342-H- 6	ORCHARD GREEN ESTATE STAGE 6		MUNICIPALITY MELTON			
		SURVEY BPD			REFERENCE 7776 ^E /6			
		DESIGN OT						
A	23/08/20	ISSUED FOR CONSTRUCTION	DRAWN PG	SCALE AS SHOWN	DATUM AHD	DATE JUL '20	SHEET 6 OF 8	A
VER		DATE	REMARKS	CHECKED				



INDICATES CRUSHED ROCK BACKFILL
INDICATES 5YR HGL
INDICATES 100YR HGL
"LDA" INDICATES PIPES WITH LARGER DEFLECTION ANGLE TO BE ORDERED
"SL" INDICATES PIPES WITH SACRIFICIAL LINING TO BE ORDERED


DRAINAGE LONGITUDINAL SECTIONS

SCALE HORIZONTAL 1:500
VERTICAL 1:50

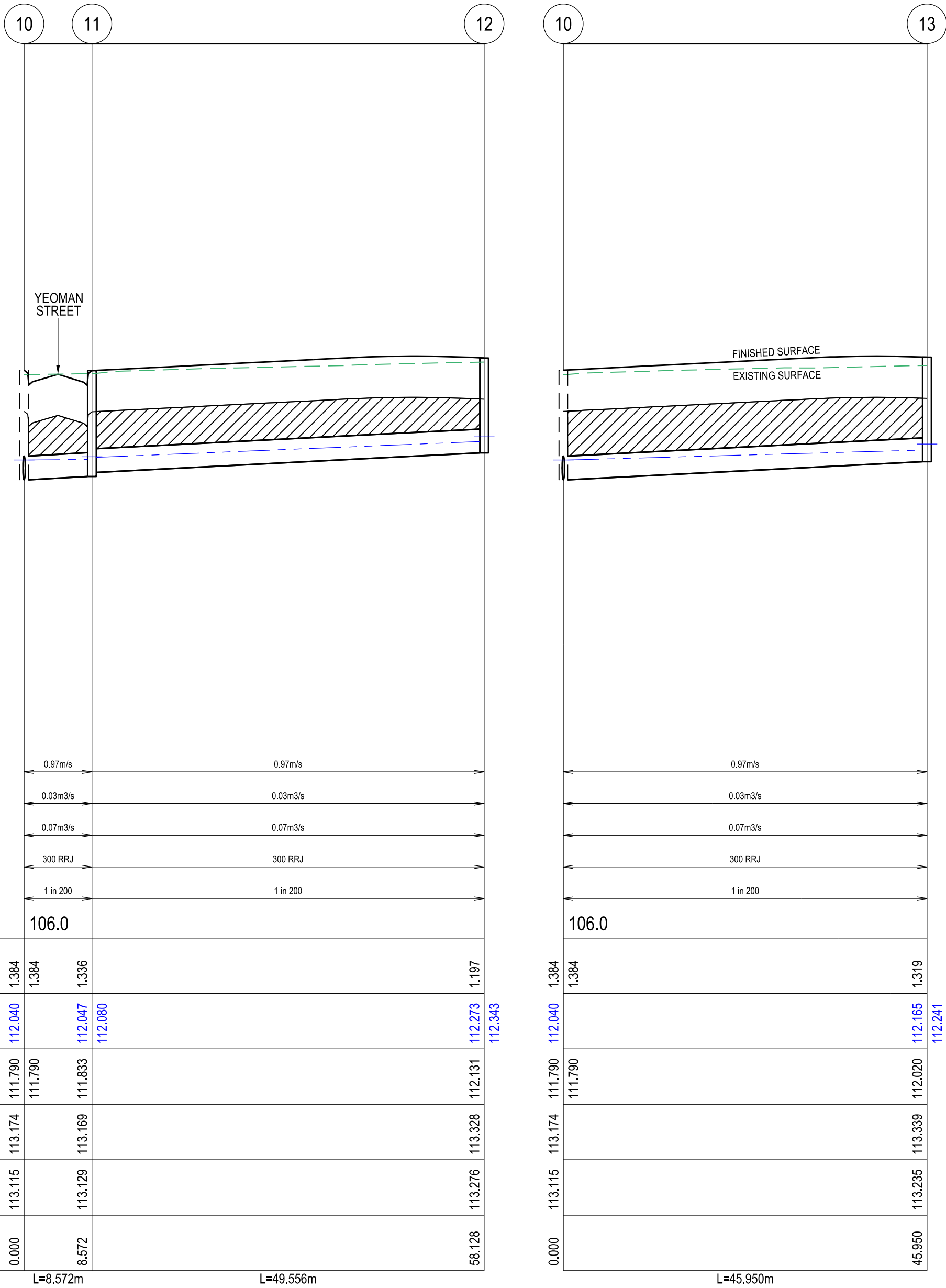


AMENDMENTS

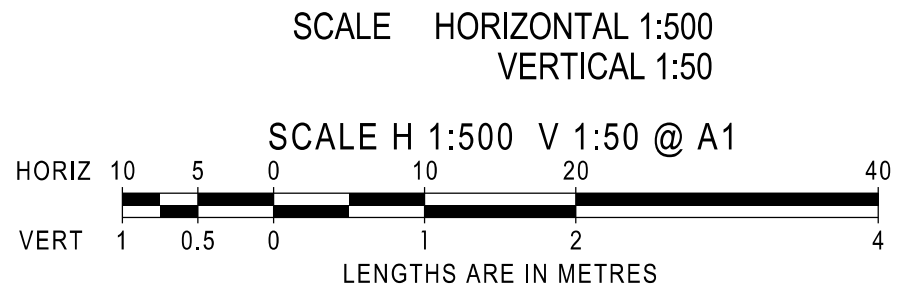
VER	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	JUL '20	SHEET	7 OF 8	B
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breese pitt dixon pty. ltd.
land surveyorscivil engineers

MELWAY REF.	342-H- 6	ORCHARD GREEN ESTATE STAGE 6	MUNICIPALITY	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
SURVEY	BPD		MELTON	
DESIGN	OT		REFERENCE	
DRAWN	PG		7776 ^E /6	



DRAINAGE LONGITUDINAL SECTIONS



- INDICATES CRUSHED ROCK BACKFILL
- INDICATES 5YR HGL
- INDICATES 100YR HGL
- "LDA" INDICATES PIPES WITH LARGER DEFLECTION ANGLE TO BE ORDERED
- "SL" INDICATES PIPES WITH SACRIFICIAL LINING TO BE ORDERED

PIT SCHEDULE										
PIT No.	PIT DESCRIPTION	LENGTH	WIDTH	INLET		OUTLET		TOP	DEPTH	REMARKS
				INVERT	DIA	INVERT	DIA	PIT RL	INVERT	
pit no.	pit type	length	width	in inv	in dia	out inv	out dia	cover rl	depth	notes
1	EXISTING JUNCTION PIT			109.840	450		900	111.925	2.085	CONN. TO EX. PIT
2	SINGLE SIDE ENTRY PIT GRATED	900	600	109.940	450	109.887	450	111.982	2.095	EDCM STD DWG 601
3	JUNCTION PIT	900	600	110.140	450	110.087	450	112.203	2.116	EDCM STD DWG 605
4	SINGLE SIDE ENTRY PIT GRATED	900	600	110.255	375	110.178	450	112.140	1.962	EDCM STD DWG 601
				110.328	300					
5	SINGLE SIDE ENTRY PIT GRATED	900	600	110.339	300	110.289	375	112.140	1.851	EDCM STD DWG 601
6	SINGLE SIDE ENTRY PIT GRATED	900	600	111.010	300	110.951	300	112.726	1.775	EDCM STD DWG 601
7	JUNCTION PIT	900	600			111.492	300	113.222	1.730	EDCM STD DWG 605
8	SINGLE SIDE ENTRY PIT GRATED	900	600	110.969	300	110.919	300	112.732	1.813	EDCM STD DWG 601
9	JUNCTION PIT	900	600			111.470	300	113.252	1.782	EDCM STD DWG 605
10	EXISTING SIDE ENTRY PIT GRATED			111.790	300		300	113.174	1.384	CONN TO EX. PIT
11	SINGLE SIDE ENTRY PIT GRATED	900	600	111.883	300	111.833	300	113.169	1.336	EDCM STD DWG 601
12	JUNCTION PIT	900	600			112.131	300	113.328	1.197	EDCM STD DWG 605
13	JUNCTION PIT	900	600			112.020	300	113.339	1.319	EDCM STD DWG 605

AMENDMENTS

A	23/08/20	ISSUED FOR CONSTRUCTION
VER	DATE	REMARKS

breese pitt dixon pty. ltd.
land surveyorscivil engineers

MELWAY REF. 342-H- 6	ORCHARD GREEN ESTATE STAGE 6	MUNICIPALITY MELTON
SURVEY BPD		REFERENCE 7776 ^E / ₆
DESIGN OT		
DRAWN PG		

CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUL '20	SHEET 8 OF 8	B
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1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELTON

P:\1777BENG\ST09\E06_R08_DLSZ.dgn