

NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT AND THE CITY OF MELTON AND VPA CURRENT SPECIFICATION AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE CITY OF MELTON WORKS SUPERVISOR.
- COUNCIL TO BE NOTIFIED TWO (2) CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
- DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES.
- ALL 150mm DIA. PIPES TO BE P.V.C., 300mm DIA. TO BE R.C.(RRJ) AND 825mm DIA. AND GREATER TO BE R.C.(IJJ). PIPES LAYED ON A CURVE TO BE RRJ.
- R.C. PIPES TO BE CLASS 2 & P.V.C PIPES TO BE CLASS SH 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.
- 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 GAA STD DWGS EDCM701 & EDCM703.
- 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.
- LOTS TO BE GRADED (1 in 150 MIN SLOPE) & LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER. FINISHED LEVELS TO BE COMPATIBLE WITH LOTS ADJOINING THIS STAGE.
- ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM SITE. NO SURPLUS TREES, VEGETATION OR OTHER MATERIAL IS TO BE BURNT ON SITE.
- RESERVES TO BE FREE DRAINING AND TO BE LEFT IN A CONDITION SATISFACTORY TO THE CITY ENGINEER.
- FILL AREAS IN ALL PROPERTIES AND ROAD RESERVES TO BE STRIPPED OF TOPSOIL & VEGETABLE MATTER, FILLED USING APPROVED CLAY FILL, AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS3798-2007, SECTION 8.2, LEVEL 1 ("GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS"). ON COMPLETION THE CONTRACTOR SHALL PRESENT A "LEVEL 1" TYPED REPORT, FROM A NATA REGISTERED SOIL TESTING LABORATORY, NOMINATING THE EXTENT OF FILL PLACED, ITS CONFORMANCE WITH THE SPECIFICATION AND ITS CLASSIFICATION AS "CONTROLLED FILL". IF ANY SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED.
- 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.
- BATTERS TO BE 1 IN 6 FOR FILL AND 1 IN 6 FOR CUT UNLESS NOTED OTHERWISE.
- CUT BATTERS ARE TO BE GRASSED AND MULCHED WITH A MIXTURE OF CHOPPED GRASS, STRAW AND BITUMEN EMULSION.
- 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 PLACED CENTRALLY AND UNDERLAIN BY 50mm OF CLASS 3 CR. REFER GAA STD DWG EDCM401.
- ALL NATIVE TREES AND SHRUBS TO BE RETAINED UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL OR REMOVAL IS DIRECTED BY THE ENGINEER. A TOWN PLANNING PERMIT IS REQUIRED FOR THE REMOVAL OF NATIVE TREES AND OR VEGETATION. THE REMOVAL OR RETENTION OF ANY EXISTING TREES MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN, OR ELSE APPROVAL WILL BE REQUIRED FROM THE MELTON LANDSCAPE APPROVALS OFFICER.
- WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED PRIOR TO THE COMMENCEMENT OF WORKS.
- 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 CONCRETER MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.
- TELSTRA/BNB Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- ELECTRICAL DISTRIBUTION PITS WITHIN FOOTPATHS ARE TO BE A MINIMUM OF 300mm WITHIN THE EDGE OF THE PATH. CONCRETE IS TO BE PLACED AROUND DISTRIBUTION PITS TO A MINIMUM DEPTH OF 200mm.
- TRAFFIC CONTROL SIGNS, MARKINGS & DELINEATORS TO BE INSTALLED IN ACCORDANCE WITH AS1742.2. ALL LINE MARKING IS TO BE LONG LIFE ROAD MARKING, WITH LONGITUDINAL LINES IN THERMOPLASTIC & TRANSVERSE MARKINGS IN COLD APPLIED.
- ALL DRIVEWAYS ARE TO BE OFFSET 0.60m FROM SIDE BOUNDARIES AND EASEMENTS UNLESS OTHERWISE SHOWN, AND CONSTRUCTED AS PER GAA STD DWGS MCC 501 & MCC 502
- ALL ROADS TO BE CONSTRUCTED WITH KERB & CHANNEL AS SHOWN. REFER GAA STD DWGS EDCM301 & EDCM302 AND MELTON COUNCIL STD DWGS.
- KERB TRANSITION TO TAKE PLACE IN THE MINOR STREET OVER A 2.0m LENGTH FROM EITHER THE TANGENT POINT OR TP PIT.
- EXISTING ROAD WORKS TO BE RECONSTRUCTED AS REQUIRED TO PROVIDE, WITHOUT DISCONTINUITY, A CONNECTION IN ACCORDANCE WITH DESIGN LEVELS AND GRADES.
- PAVEMENT TO CONSIST OF: LOCAL STREET - REFER THIS SHEET

PAVEMENT NOT TO BE FOUNDED ON CLAYEY SILT OR UNCONTROLLED FILL MATERIAL SUBGRADE. PAVEMENT TO BE AS PER SPECIFICATIONS OF CARDNO GEOTECHNICAL INVESTIGATION 215255 REPORT 01.2, MARCH 2016

EARTHWORKS MATERIALS TO BE USED AS 'SELECT GRANULAR MATERIAL' MUST HAVE A SOAKED CBR OF MORE THAN 10% WITH A SWELL OF LESS THAN 1.5%. A LIQUID LIMIT OF LESS THAN 50%, A PLASTICITY INDEX (PI) OF LESS THAN 25% AND A P<sub>1</sub> x % LESS THAN 0.425mm OF LESS THAN 1200. THIS MATERIAL SHOULD ALSO HAVE A HYDRAULIC CONDUCTIVITY OF LESS THAN 1 x 10<sup>-9</sup> m/s MEASURED AT OMC PLUS OR MINUS 5% AND COMPACTED TO A STANDARD DRY DENSITY RATIO OF 98% PLUS OR MINUS 1%. THIS LAYER SHOULD BE A MINIMUM OF 150mm THICK OR AT LEAST 2.5 TIMES THE MAXIMUM PARTICLE SIZE IN THE LAYER. THE MATERIAL USED MUST MEET THE REQUIREMENTS OF BOTH THE SUPERINTENDANT AND THE RELEVANT COUNCIL.

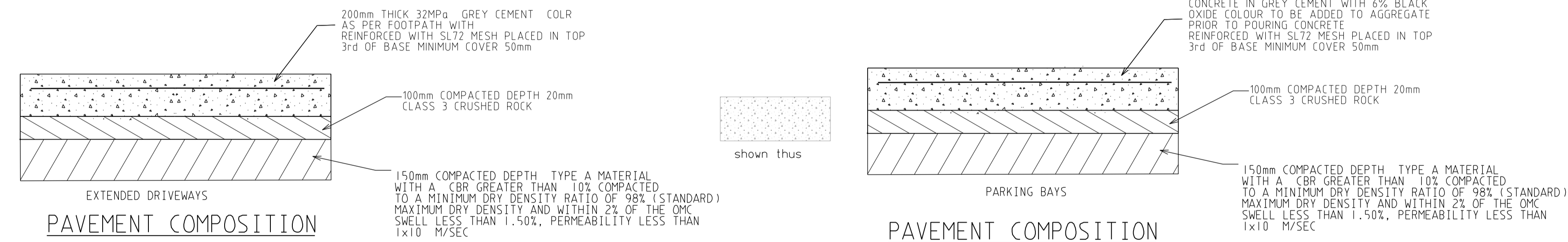
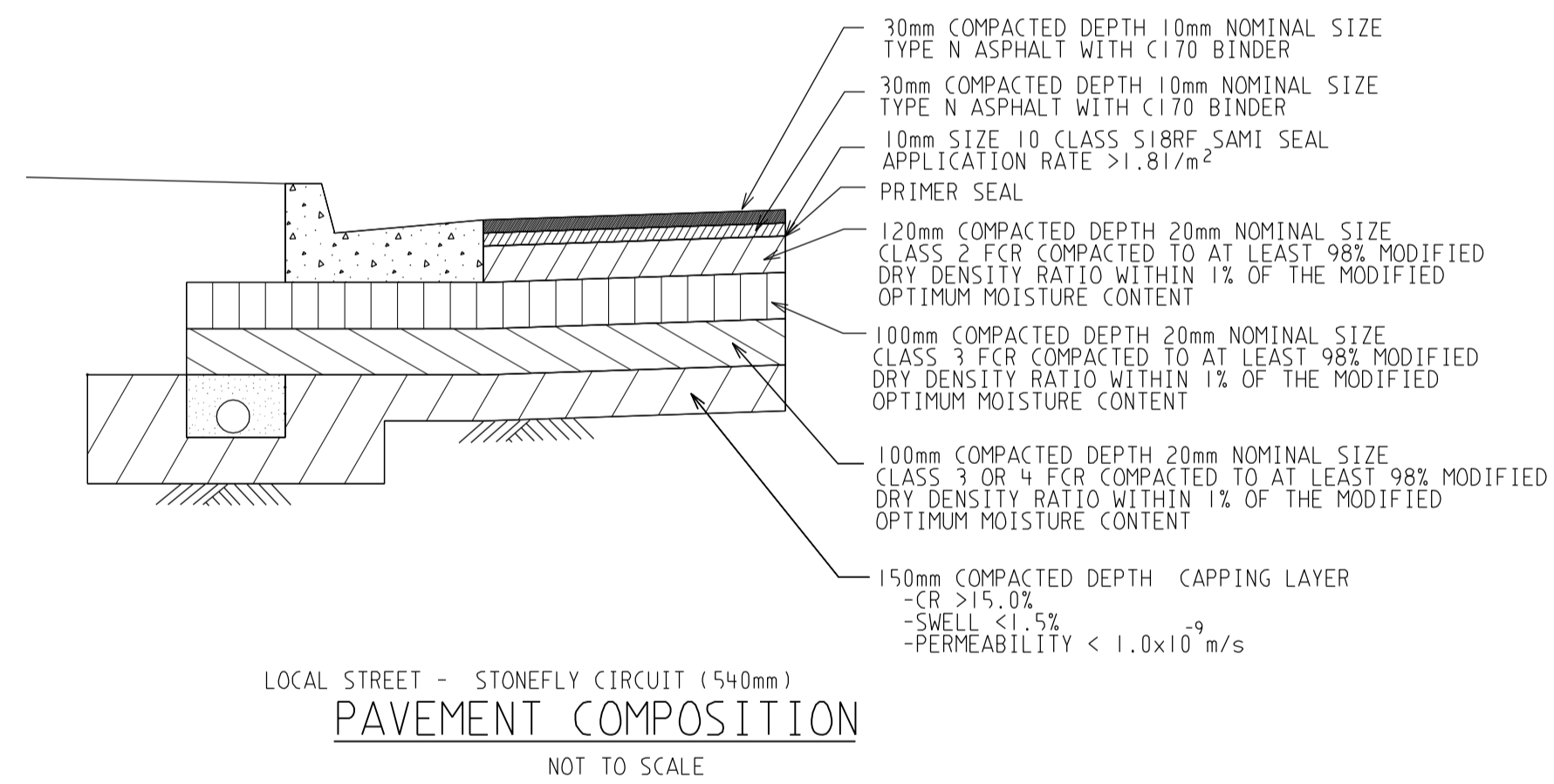
'SELECT GRANULAR MATERIAL' IS TO EXTEND TO A DISTANCE OF AT LEAST 1.0m BEHIND THE BACK OF KERB.

IN THE EVENT THAT SELECT GRANULAR MATERIAL CAN NOT ACHIEVE A CBR OF 10% IN SITU STABILISATION IS REQUIRED TO ACHIEVE 10% C.B.R. TO A MINIMUM DEPTH OF 300mm FOR ALL ROAD PAVEMENTS.

- MODIFICATION OF THE PAVEMENT REQUIRES APPROVAL BY THE CITY OF MELTON WORKS SUPERVISOR.
- 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 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-INSTAEMENT 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 PAINTED PALING FENCE ALONG ANY BOUNDARY COMMON TO LOTS & MUNICIPAL RESERVES AS PER MELTON COUNCIL . PALINGS TO BE ON THE RESERVE SIDE.
- A TEMPORARY FENCE SHALL BE ERECTED AND MAINTAINED AROUND EXISTING TREES, NOMINATED TO BE RETAINED, AT ALL TIMES DURING CONSTRUCTION. FOR FENCING DETAILS AND CONSTRUCTION WORKS WITHIN THE "TREE PROTECTION ZONE" REFER TO THE ARBORICULTURAL INSPECTION REPORT BY A & R TREE SURGEONS (18th MARCH 2003).
- CONTRACTOR TO REMOVE EXISTING IRRIGATION AND DRAINAGE PIPES AND PITS ENCOUNTERED ON SITE. TRENCHES TO BE BACKFILLED IN ACCORDANCE WITH NOTES 16 & 17.
- TACTILE GROUND SURFACE INDICATORS (TGS) ARE TO BE INSTALLED AT ALL PRAM CROSSINGS AND PEDESTRIAN CROSS POINTS.REFER GAA STD DWG EDCM403.
- MAXIMUM CROSSFALL ON FOOTPATHS TO BE 1in50 (30mm FOR 1.50m PATH)
- AS CONSTRUCTED PLANS AND ELECTRONIC ASSET INFORMATION IN D-SPEC AND R-SPEC FORMAT MUST BE SUBMITTED TO COUNCIL PRIOR TO PRACTICAL COMPLETION
- A CCTV REPORT MUST BE PROVIDED FOR ALL DRAINAGE LINES PRIOR TO ISSUE OF PRACTICAL COMPLETION
- THE CROSSOVERS MUST BE PROVIDED A MINIMUM OF 3.50m WIDTH AND MAXIMUM GRADE OF 1in10

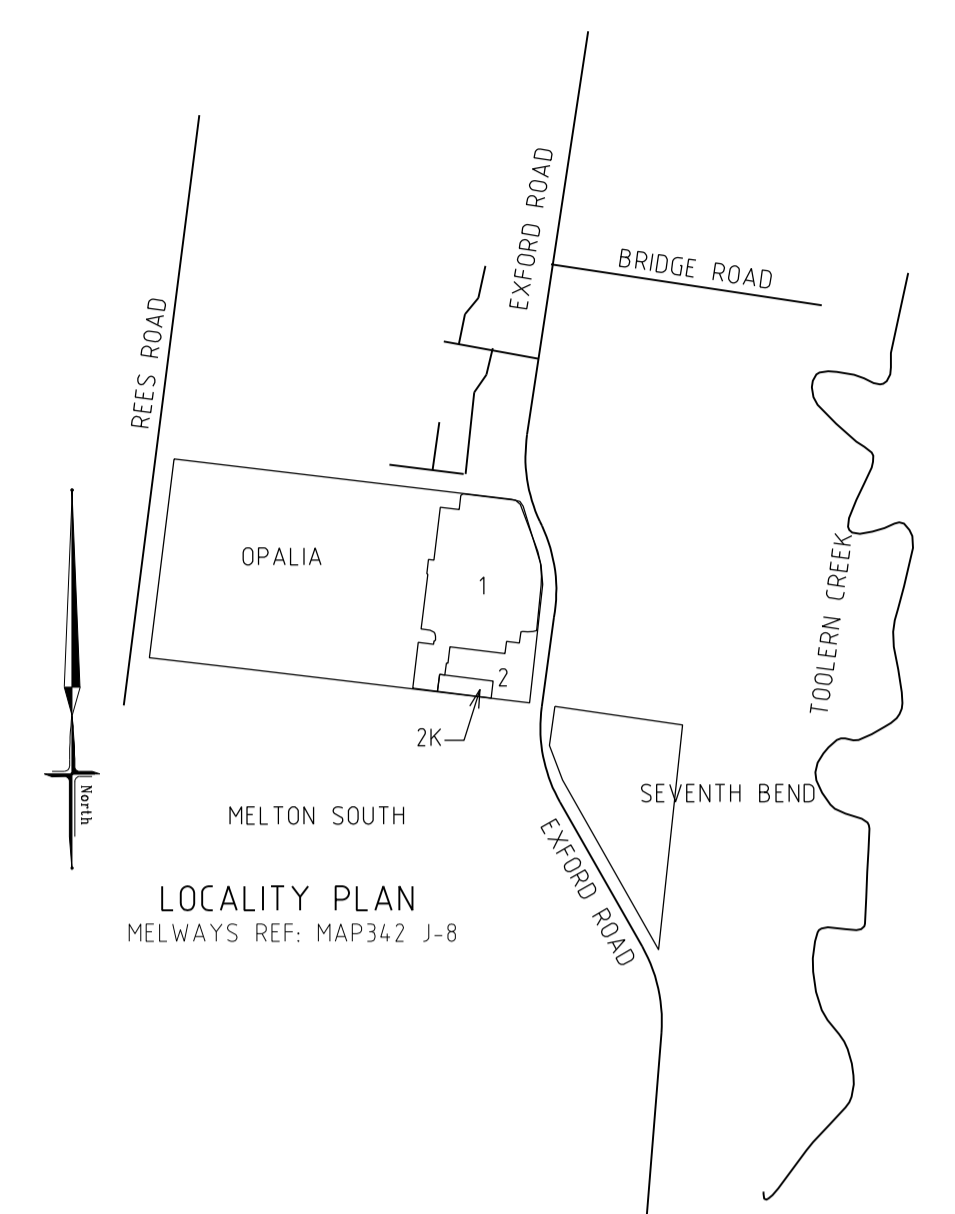
SHEET INDEX

SHT No.	VER	DESCRIPTION
1	C	GENERAL NOTES, PAVEMENT DETAILS, DRAWING SCHEDULE, LOCALITY PLAN
2	C	LAYOUT PLAN
3	C	INTERSECTION DETAILS & EXTENDED DRIVEWAY CONCRETE JOINTING
4	A	STONEFLY CIRCUIT LONGITUDINAL AND CROSS SECTIONS
5	A	STONEFLY CIRCUIT CROSS SECTIONS
6	A	STORMWATER DRAINAGE LONGITUDINAL SECTIONS
7	B	LINE MARKING PLAN



**AS CONSTRUCTED**

AMENDMENTS	A	9.9.19	ISSUED FOR CONSTRUCTION		<b>breese pitt dixon pty. ltd.</b> land surveyors civil engineers 1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	MUNICIPALITY <b>MELTON</b>
	B	16.12.19	SHEET INDEX AMENDED			
	C	11.02.20	SHEET INDEX AMENDED			
	VER	DATE	REMARKS			
			MELWAY REF. 342-J-7	<b>OPALIA ESTATE</b> <b>STAGE 2K</b> GENERAL NOTES, PAVEMENT DETAILS, DRAWING SCHEDULE, LOCALITY PLAN		REFERENCE 6751 E/2K
			SURVEY B.P.D.	SCALE AS SHOWN DATUM AHD DATE FEB 19		SHEET 1 OF 7 C
			DESIGN RK			
			DRAWN RK			
			CHECKED			

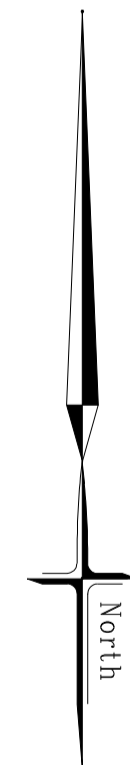


**BOLLARDS**  
 1. TRAFFIC EXCLUSION TREATMENTS ARE DETAILED ON THE LANDSCAPE PLANS TO THE SATISFACTION OF MELTON CITY COUNCIL, SUPPLY 1xREMOVABLE BOLLARD IN AREAS NOTED

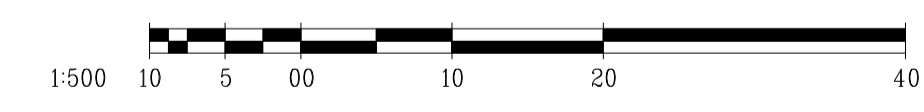
SERVICES OFFSETS AND LOCATIONS

STREET NAME	RD. RESERVE	WATER	GAS	ELECTRICITY		FIBRE TO THE HOME		Bk. of KERB	JOINT TRENCHING
				CABLES	POLES	CABLES	PITS		
MIDGARD ROAD	16.00	2.30 N	1.85 N	3.70 N	0.90 BOK	3.00 N	3.00 N	4.80 N	E, T/G, W
RESERVE	8.00						1.00 W		

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



LAYOUT PLAN



**AS CONSTRUCTED**

**SYMBOL LEGEND**

Drains		Ex/Natural/FS Level	
Sewer <300		FS @ Building Line	
Sewer >300		Top/Toe of Batter	
Water		Top Ret. Wall Level	
House Drain		100yr Flood Level	
Property Inlet		Fill >200mm Prop/Ex	
Street Sign		Cut >200mm Prop/Ex	
PSM			
Retaining Wall			
Conduits 50mm			
Conduits 100mm			
Ex Gas/Elect/Tel			

AMENDMENTS	DATE	REMARKS
A	9.9.2019	ISSUED FOR CONSTRUCTION
B	16.12.19	SERVICES CONDUITS AMENDED
C	11.02.20	PATHS IN RESERVES AMENDED

MELWAY REF.	342-J-7
SURVEY	B.P.D.
DESIGN	RK
DRAWN	RK
CHECKED	

**breese pitt dixon pty. ltd.**  
 land surveyors  
 civil engineers

**OPALIA ESTATE  
 STAGE 2K**

LAYOUT PLAN

SCALE AS SHOWN DATUM AHD DATE FEB 19

1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
MUNICIPALITY MELTON
REFERENCE 6751 E/2K
SHEET 2 OF 7

**CURVE SETOUT (LIP D2-D3)**

Rad.	9.000
Angle	90°00'00"
Arc	14.138
Chord	12.651
a	2.607
b	0.675
c	0.177

**CURVE SETOUT (LIP B2-B3)**

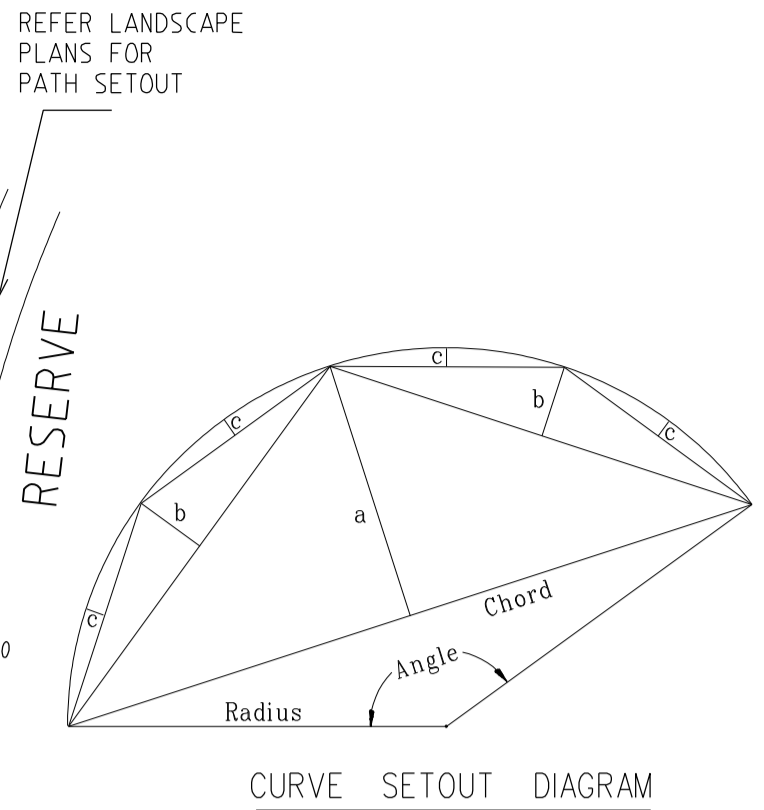
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Angle	90°00'00"
Arc	14.138
Chord	12.651
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**CURVE SETOUT (LIP C1-C2)**

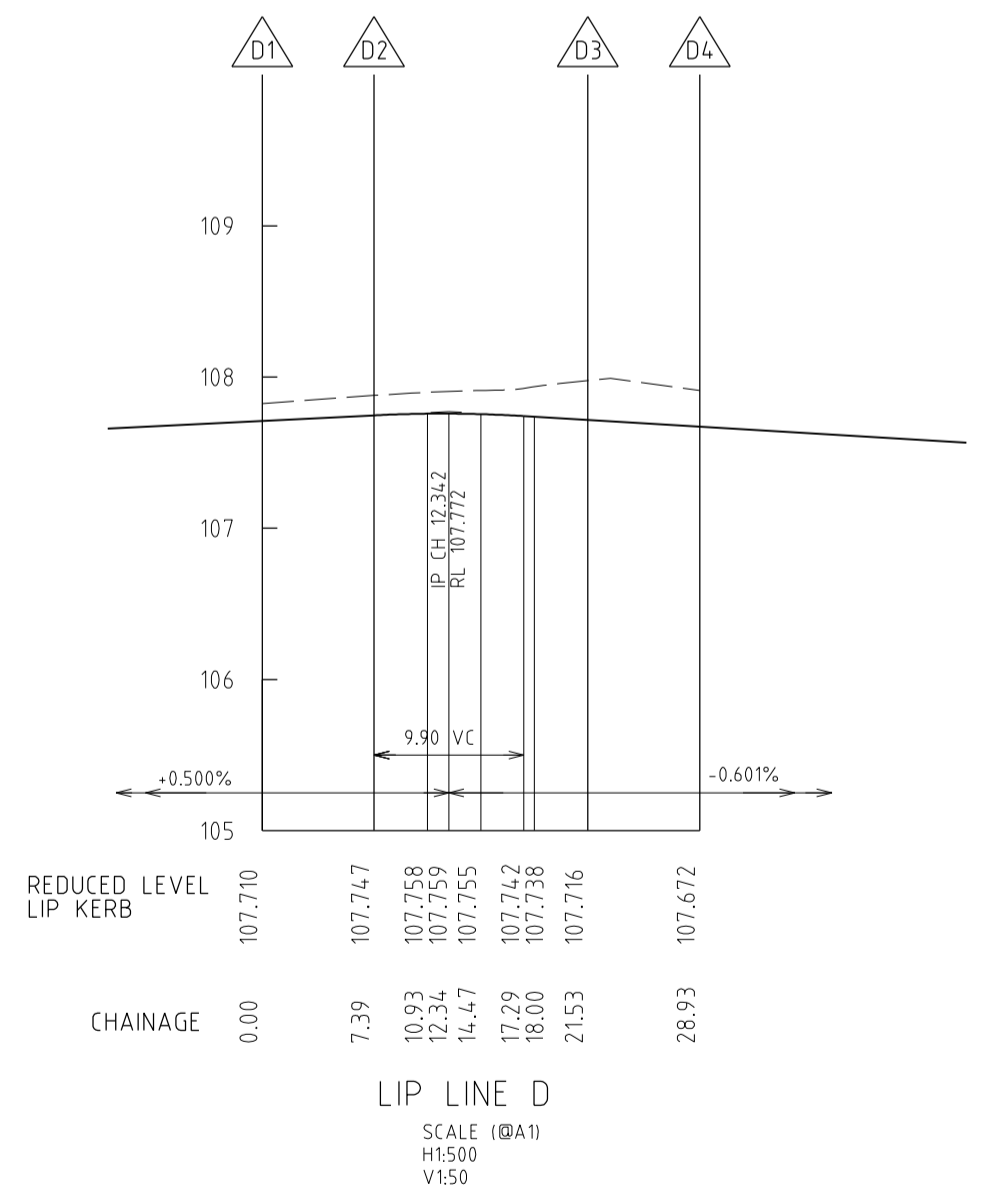
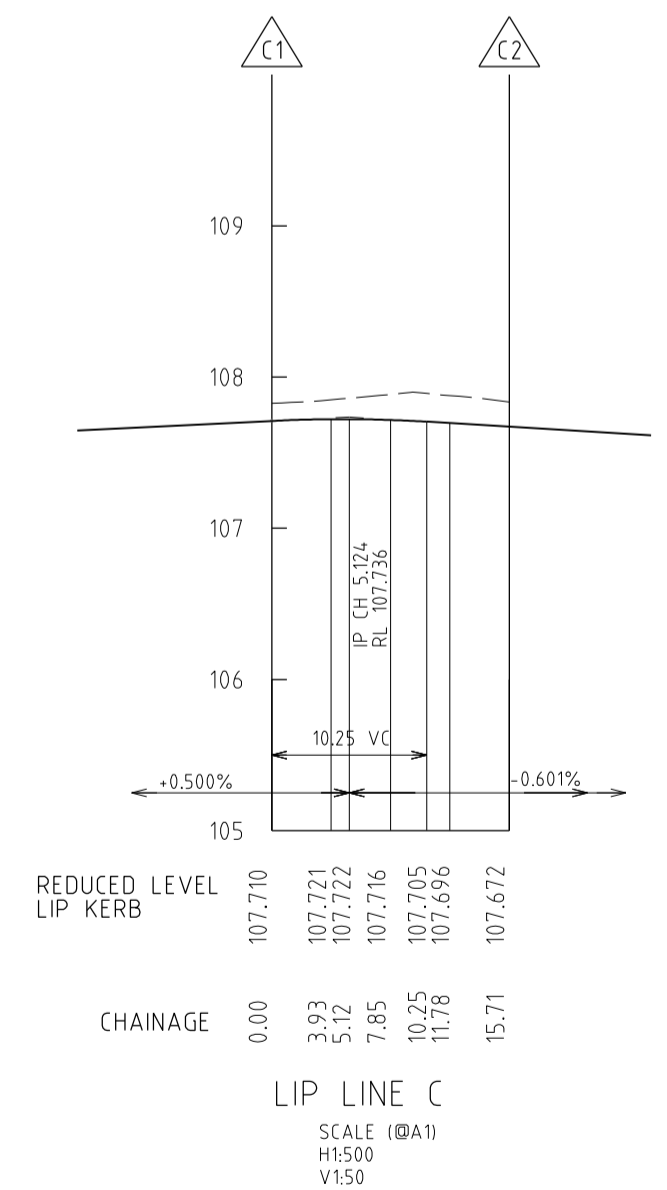
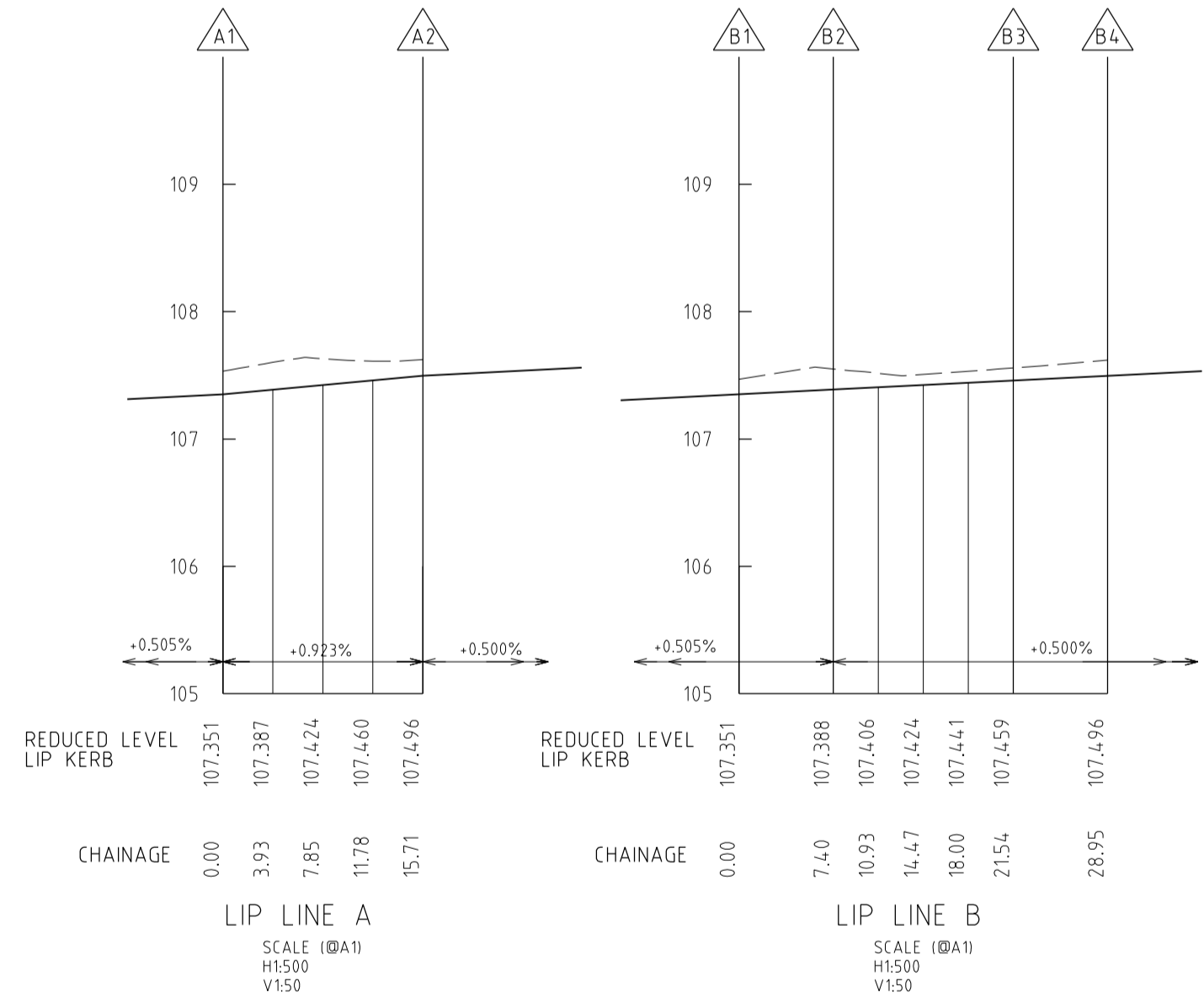
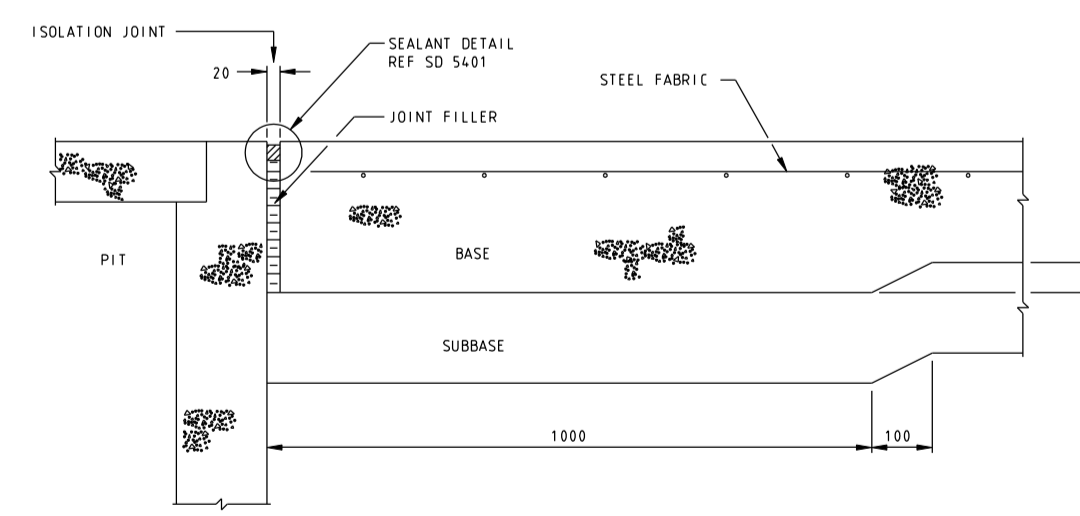
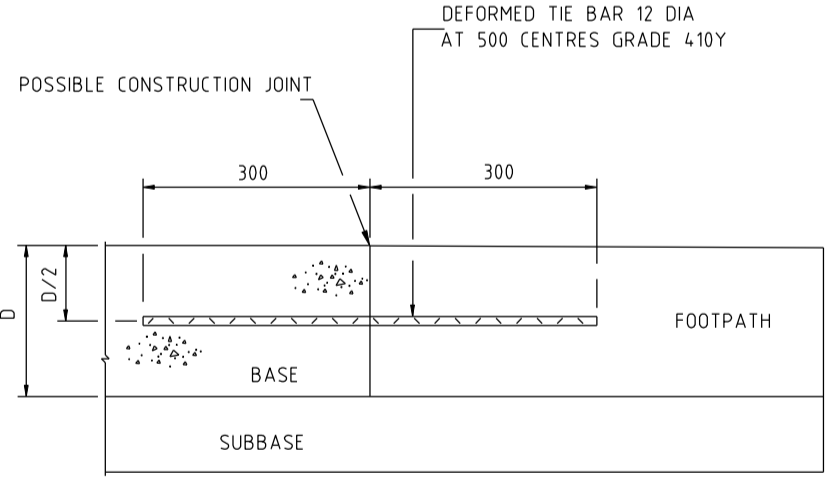
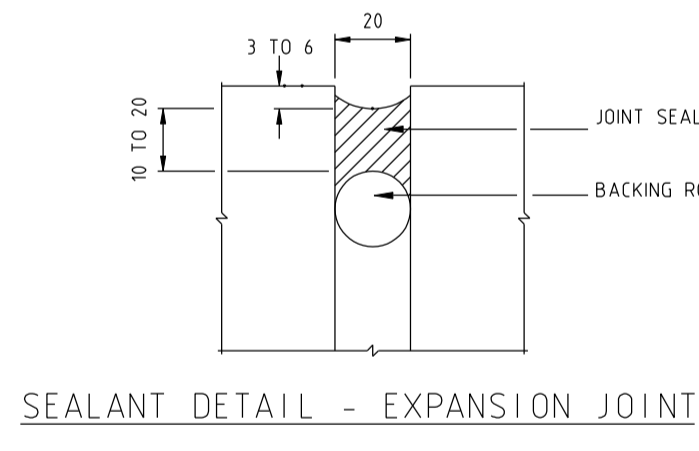
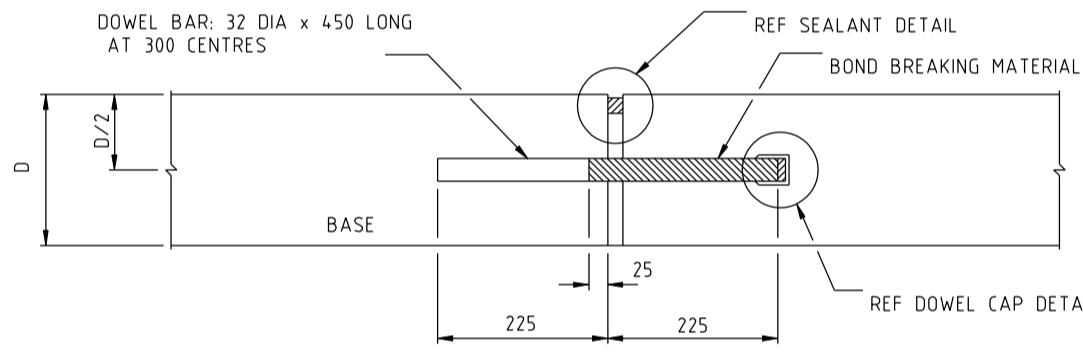
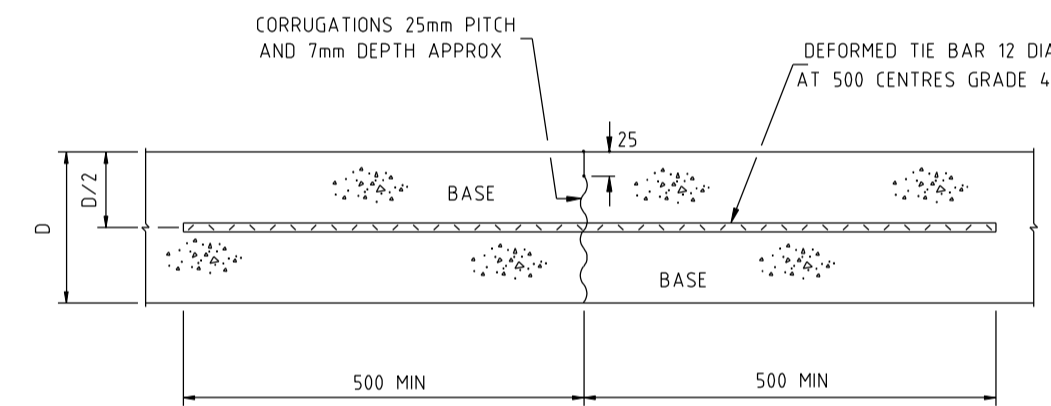
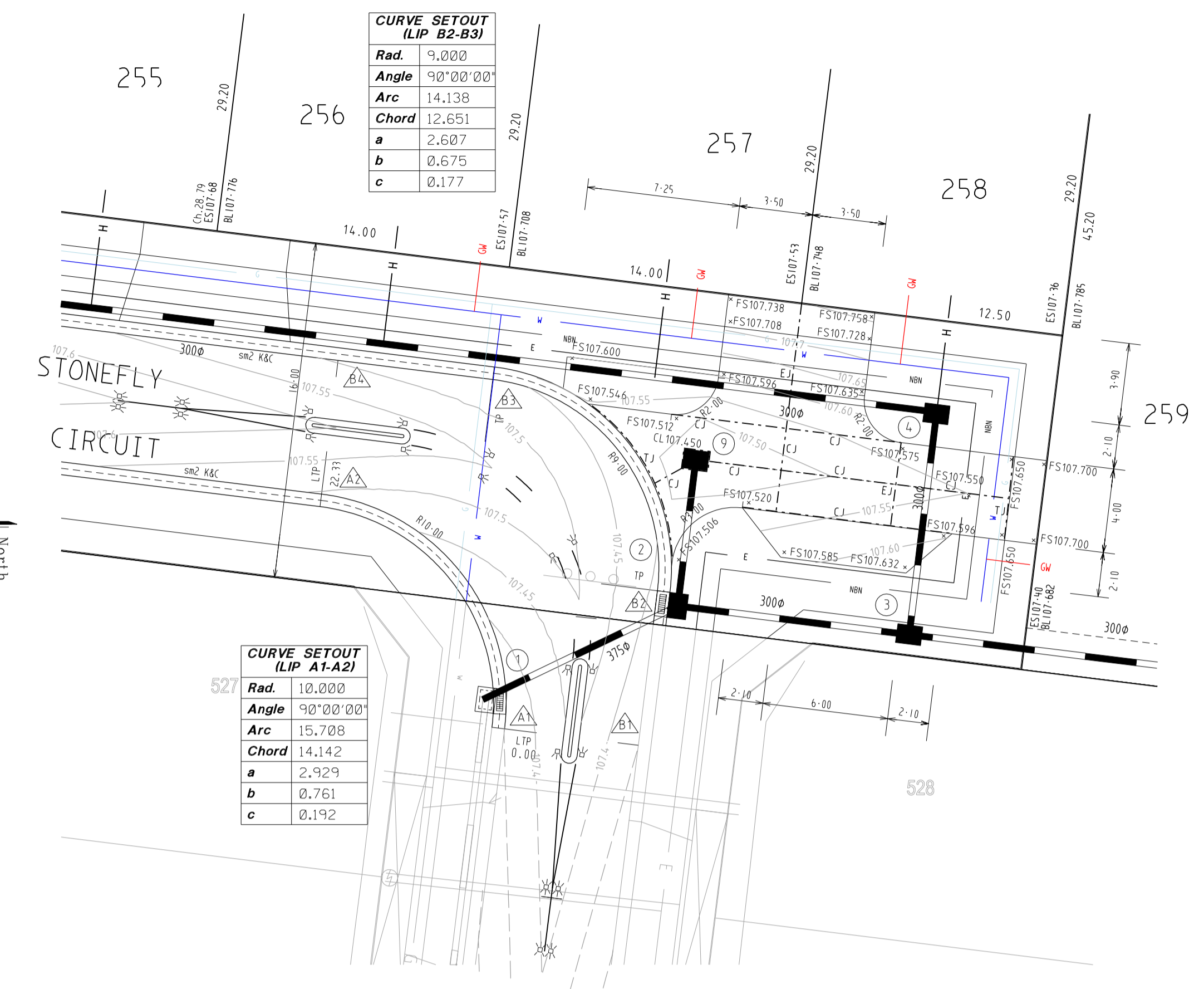
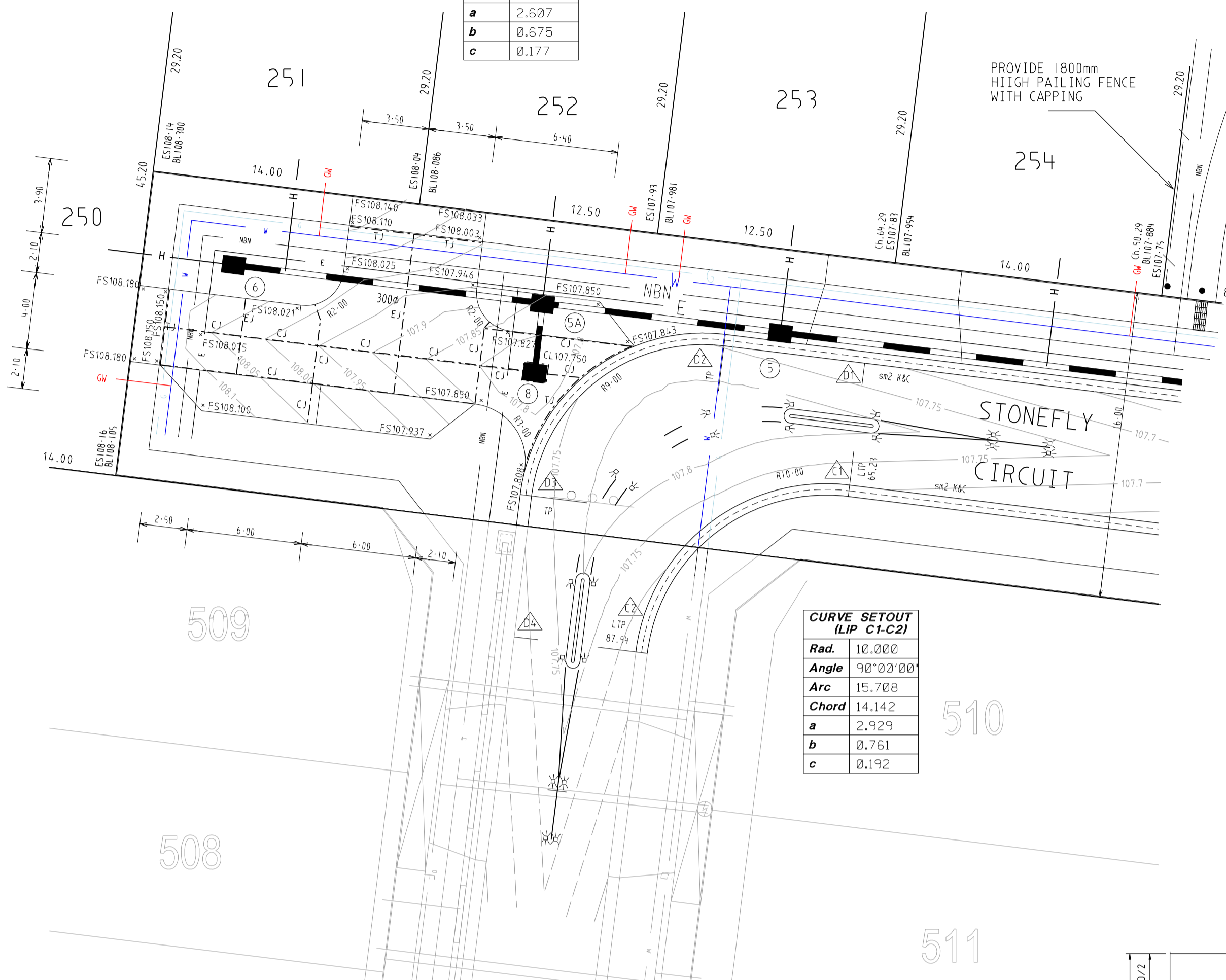
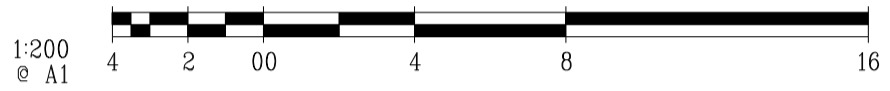
Rad.	10.000
Angle	92°00'00"
Arc	15.708
Chord	14.142
a	2.929
b	0.761
c	0.192

**CURVE SETOUT (LIP A1-A2)**

Rad.	10.000
Angle	90°00'00"
Arc	15.708
Chord	14.142
a	2.929
b	0.761
c	0.192



**INTERSECTION DETAILS**



**AS CONSTRUCTED**

TACTILE GROUND SURFACE INDICATORS (TGSIs) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH AS 1428

**ATTENTION TO CONTRACTOR**  
WHERE CONCRETE WORKS ABOUT A SEWER ACCESS CHAMBER SURROUND OR SIMILAR STRUCTURE AN EXPANSION JOINT OF APPROVED MATERIAL SHALL BE PROVIDED BETWEEN THE TWO FACES

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

**SYMBOL LEGEND**

Drains	—S—S—	Ex/Natural/FS Level	+E28-51
Sewer <300	—S—S—	FS @ Building Line	BL28-510
Sewer >300	—S—S—	Top/Toe of Batter	1028-510
Water	—W—W—	Top Ret. Wall Level	TW28-51
House Drain	—H—H—	100yr Flood Level	FL28-51
Property Inlet	—P—P—	Fill >200mm Prop/Ex	
Street Sign	—S—S—	Cut >200mm Prop/Ex	
PSM	—P—P—		
Retaining Wall	—R—R—		
Conduits 50mm	—C—C—		
Conduits 100mm	—C—C—		
Ex Gas/Elect/Tel	—G—E—T—		

**AMENDMENTS**

VER.	DATE	REMARKS
A	9.9.2019	ISSUED FOR CONSTRUCTION
B	16.12.19	SERVICES CONDUITS AMENDED
C	11.02.20	RESERVE PATHS AMENDED

**breese pitt dixon pty. ltd.**  
land surveyors civil engineers

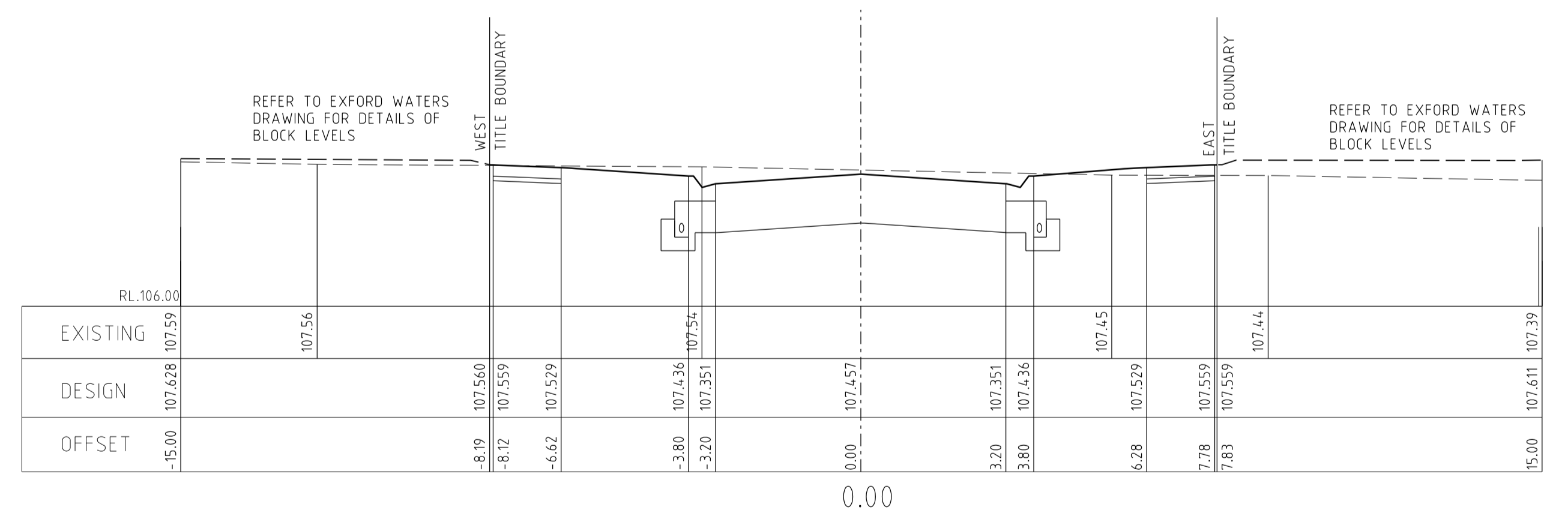
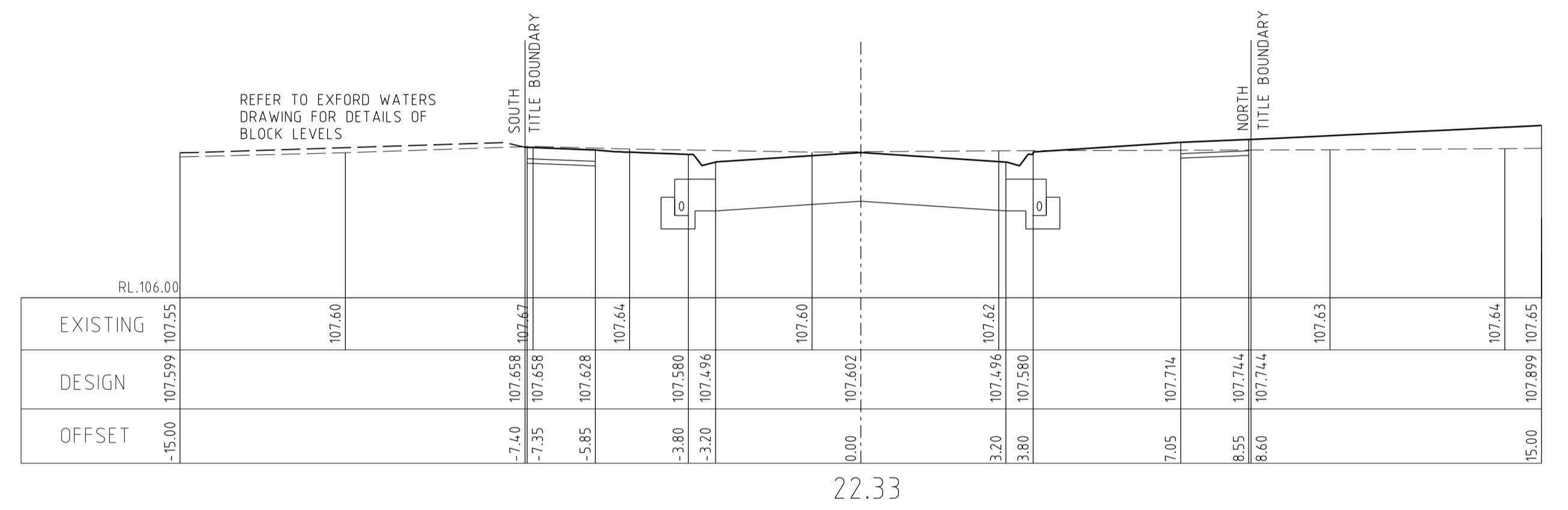
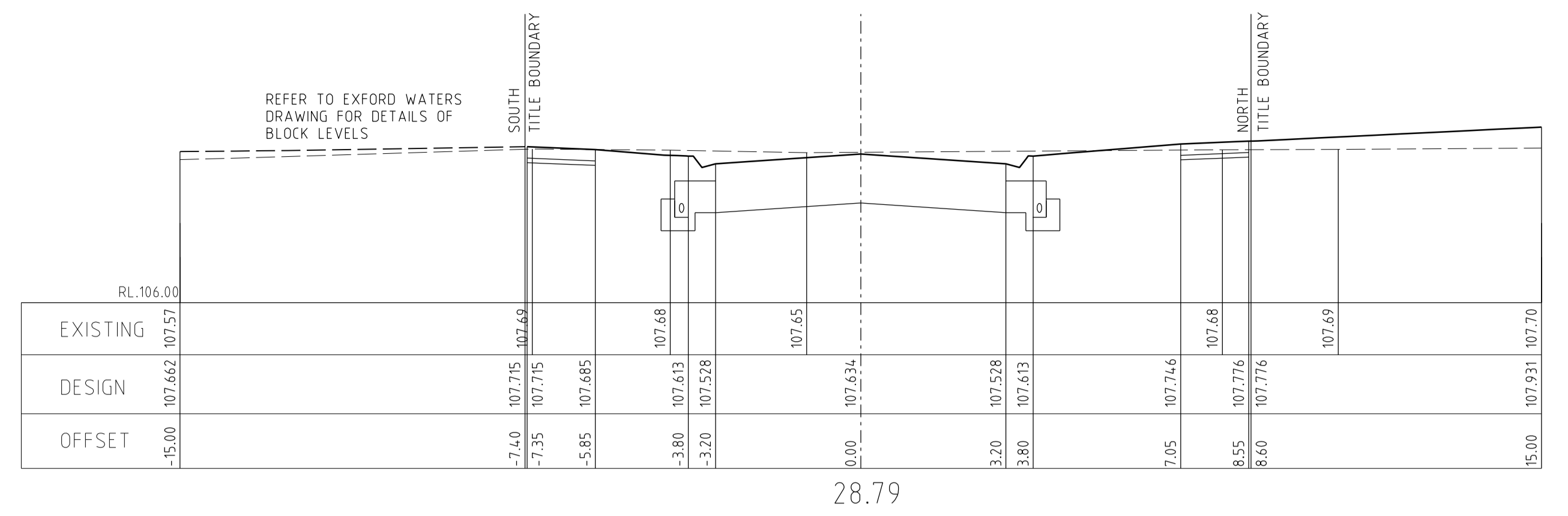
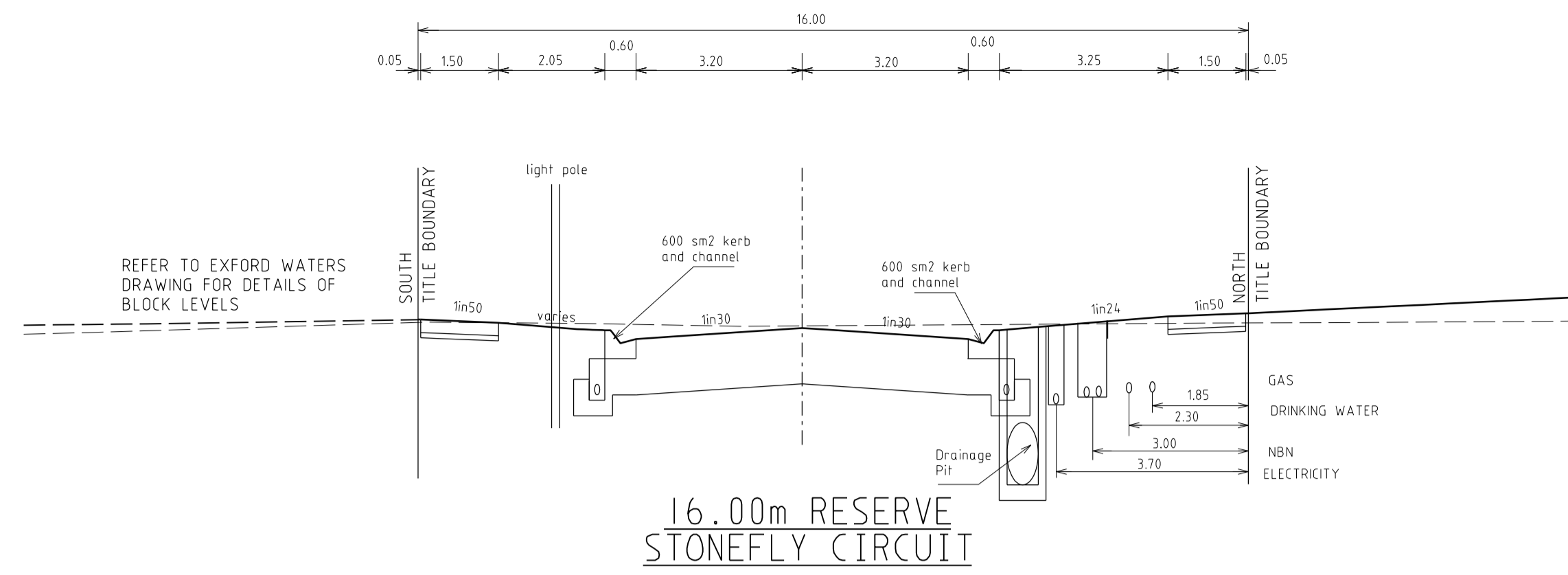
1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310

**OPALIA ESTATE STAGE 2K**

INTERSECTION DETAILS & EXTENDED DRIVEWAY CONCRETE JOINING

SCALE AS SHOWN DATUM AHD DATE FEB 19 SHEET 3 OF 7

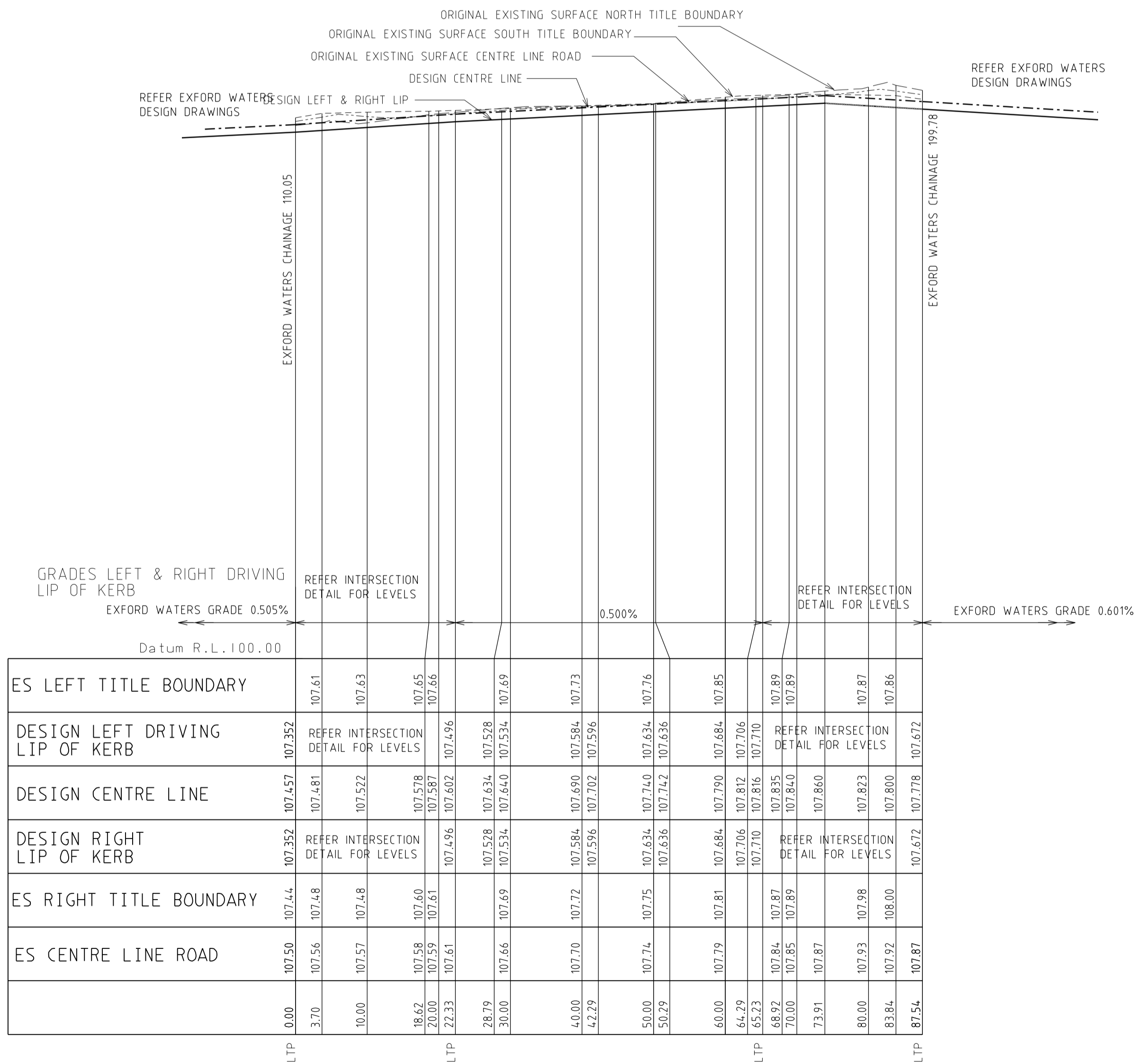
MUNICIPALITY MELTON REFERENCE 6751 E/2K



STONEFLY CIRCUIT CROSS SECTIONS

SCALE Hor. 1:100  
Vert 1:50

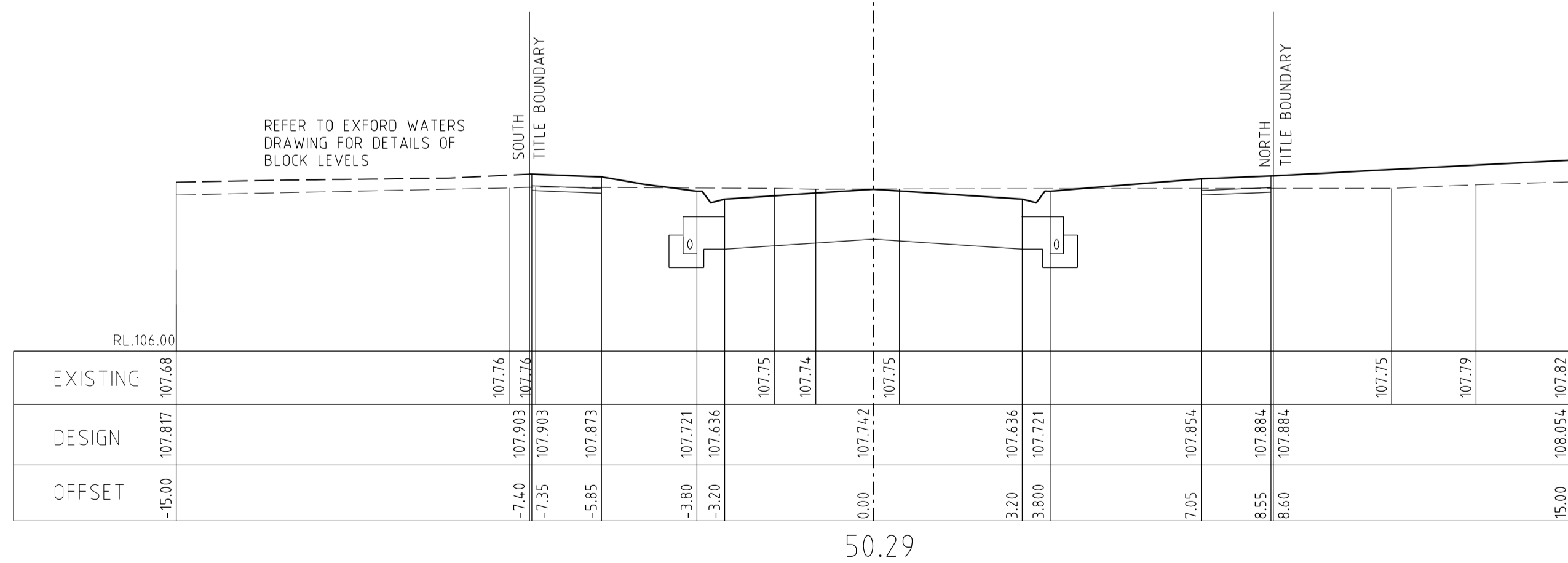
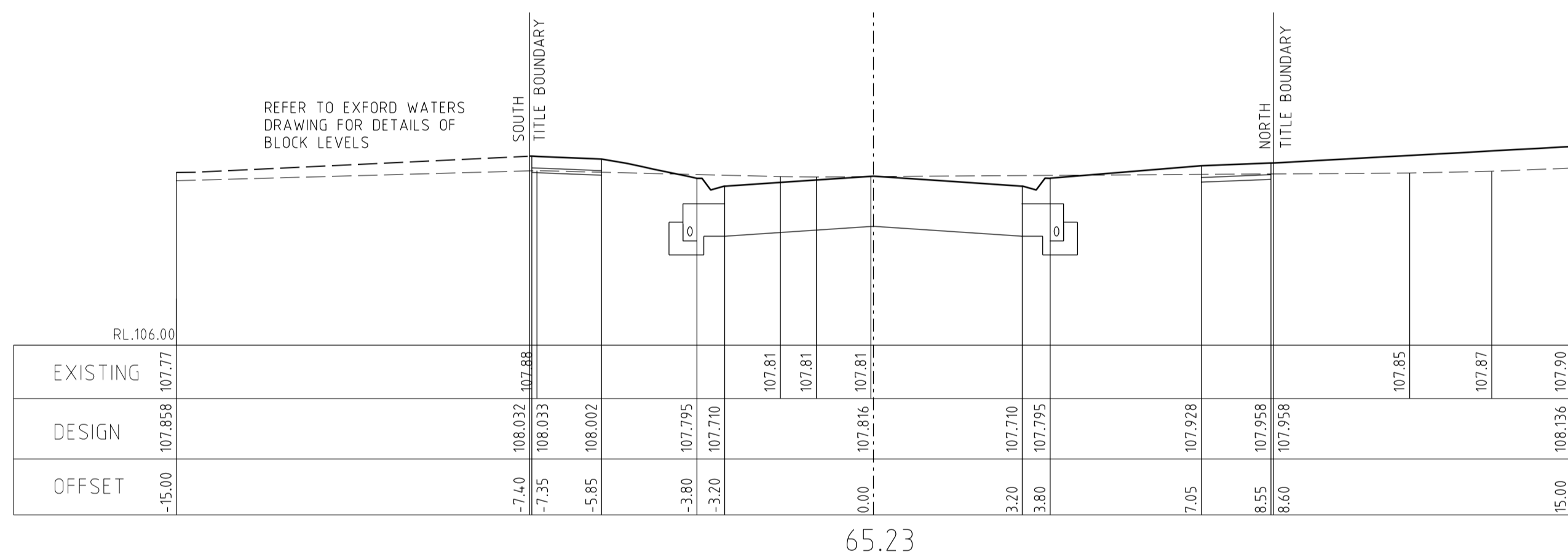
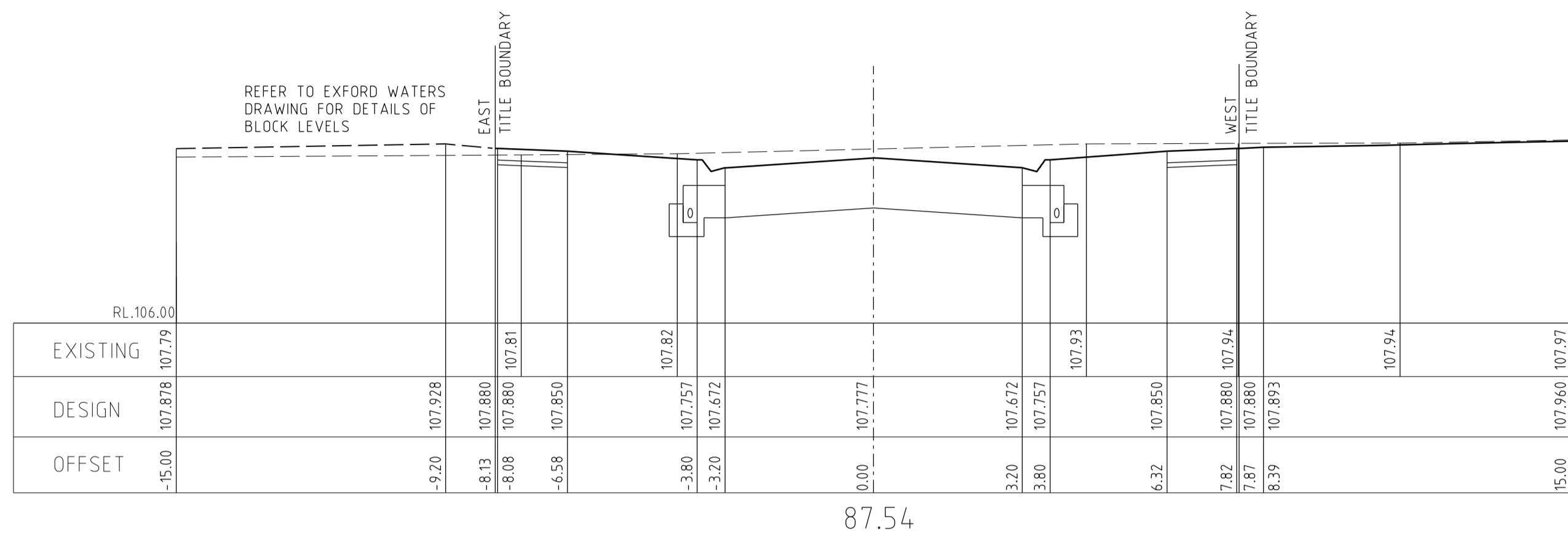
**AS CONSTRUCTED**



STONEFLY CIRCUIT LONGITUDINAL SECTION

SCALE Hor. 1:500  
Vert 1:50

AMENDMENTS	A 9.9.2019 ISSUED FOR CONSTRUCTION	MELWAY REF. 342-J-7	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	OPALIA ESTATE STAGE 2K	MUNICIPALITY MELTON
			STONEFLY CIRCUIT LONGITUDINAL AND CROSS SECTIONS	REFERENCE 6751 E/2K
			SCALE AS SHOWN DATUM AHD DATE FEB 19	SHEET 1 OF 7

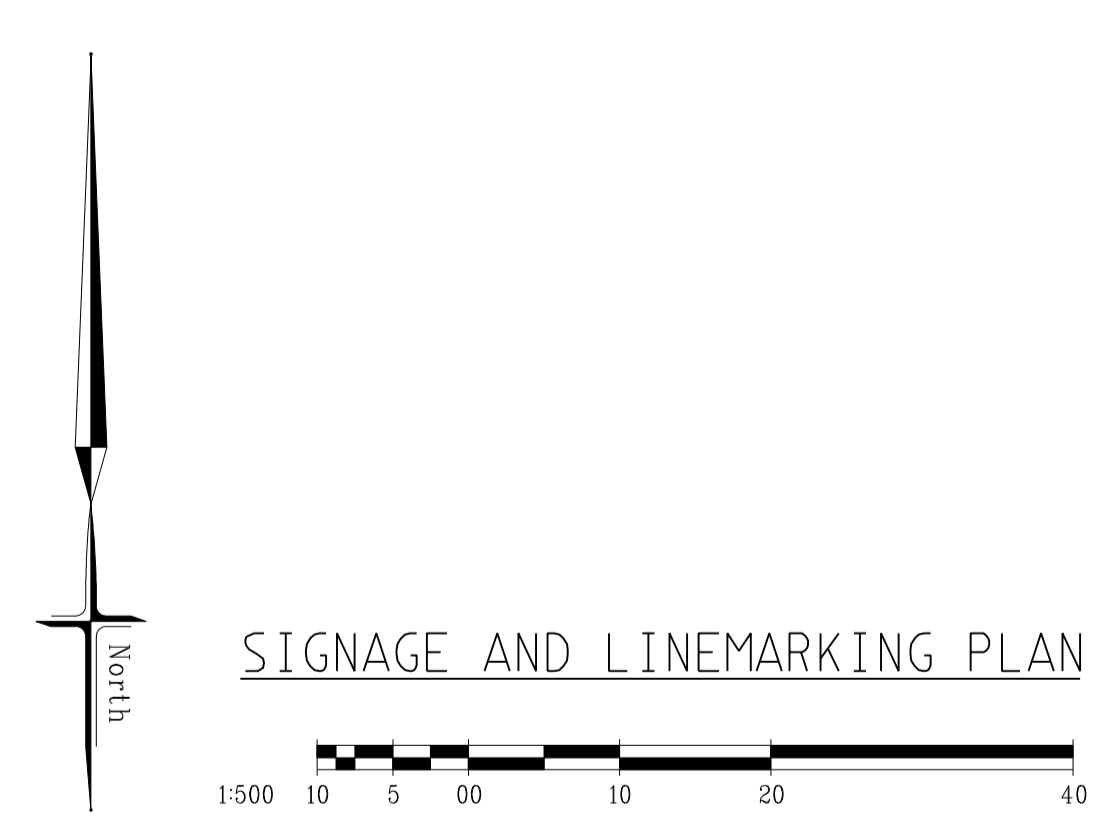


STONEFLY CIRCUIT CROSS SECTIONS

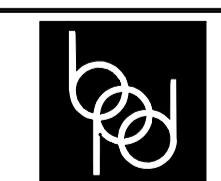
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**AS CONSTRUCTED**

AMENDMENTS	A	9.9.2019	ISSUED FOR CONSTRUCTION			<b>breese pitt dixon pty. ltd.</b> land surveyors civil engineers 1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	MUNICIPALITY <b>MELTON</b> REFERENCE <b>6751 E/2K</b>			
	MELWAY REF.	342-J-7	OPALIA ESTATE STAGE 2K							
	SURVEY	B. P. D.	STONEFLY CIRCUIT CROSS SECTIONS							
	DESIGN	RK								
VER.	DATE	REMARKS	CHECKED	SCALE	DATUM	AHD	DATE	SHEET	5 OF 7	A

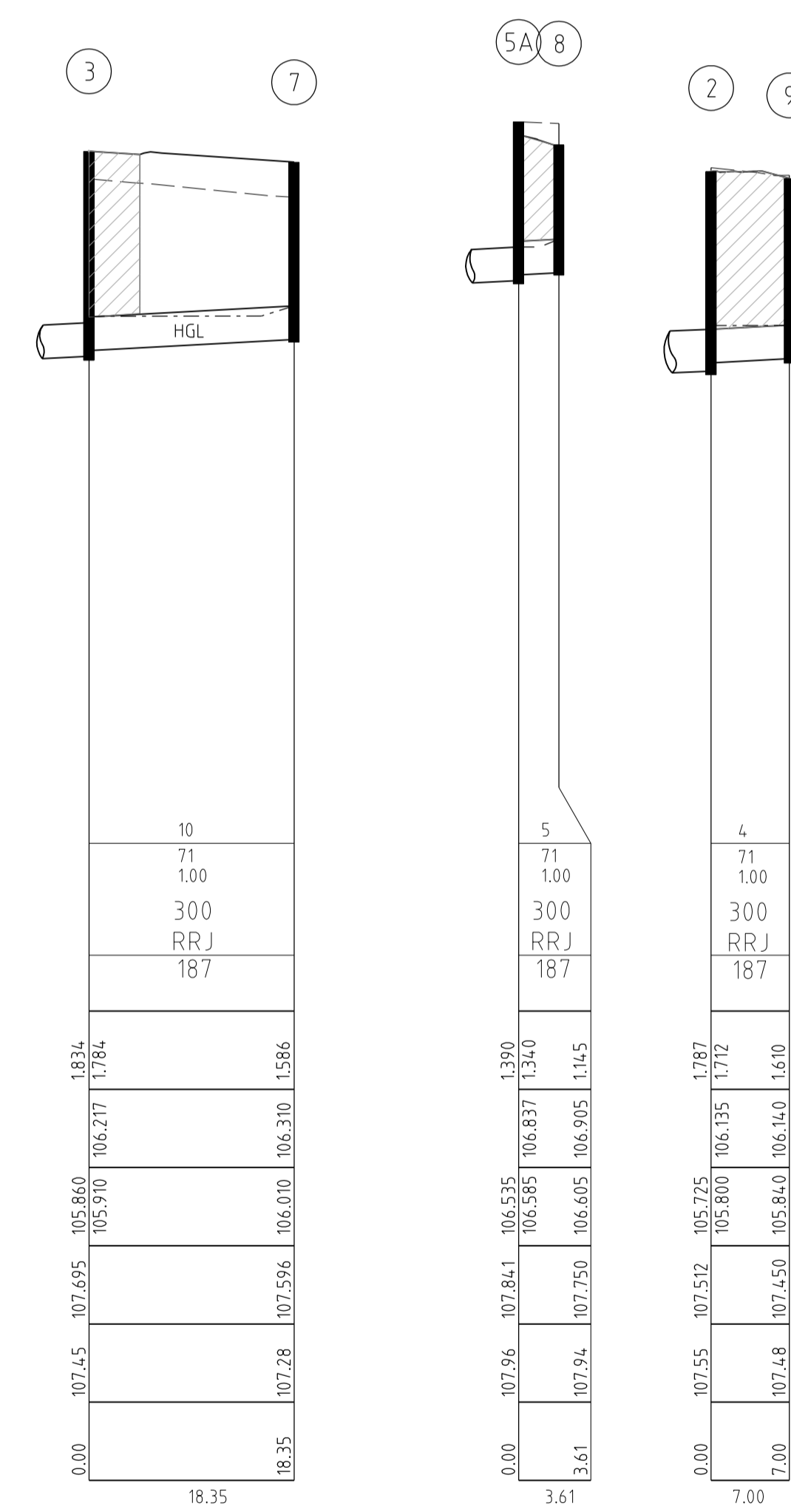
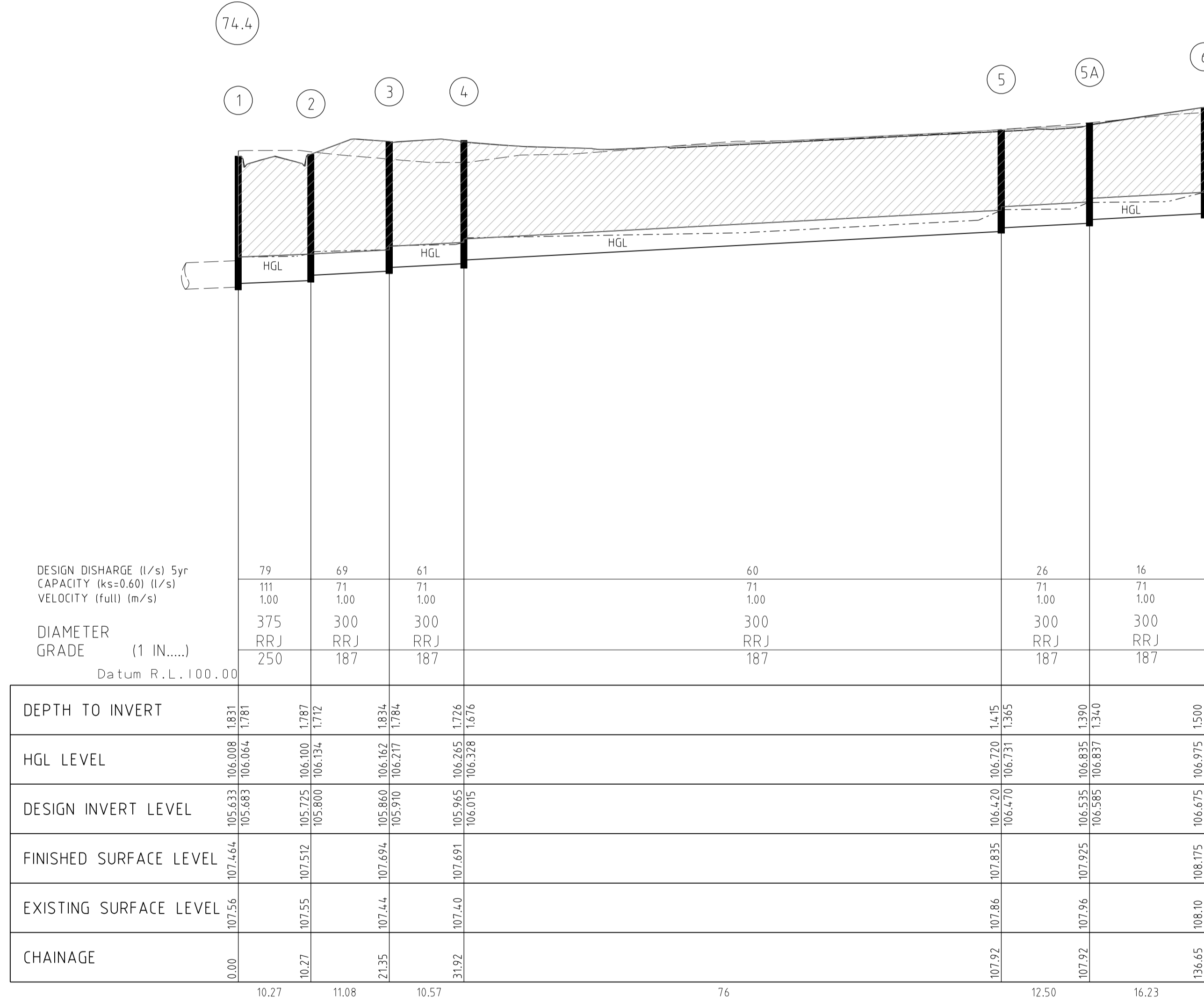


**AS CONSTRUCTED**

AMENDMENTS	A	9.9.2019	ISSUED FOR CONSTRUCTION	 breese pitt dixon pty. ltd. land surveyors civil engineers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
	B	11.02.20	PATHS IN RESERVES AMENDED						
				MELWAY REF. 342-J-7	<b>OPALIA ESTATE</b> <b>STAGE 2K</b> LINEMARKING	MUNICIPALITY MELTON			
				SURVEY B.P.D.		REFERENCE 6751 E/2K			
				DESIGN RK					
				DRAWN RK					
				CHECKED					
VER.	DATE		REMARKS		SCALE AS SHOWN	DATUM AHD	DATE FEB 19	SHEET 7 OF 7	B

PIT SCHEDULE

PIT No.	PIT TYPE	SIZE L x W	INLET DIA	INLET I.L.	OUTLET DIA	OUTLET I.L.	COVER LEVEL	PIT DEPTH	REMARKS
1	Ex G.S.E.P.	900x600	375	105.683	Ex 375	105.633	107.464	1.831	EDCM 603/605 CONNECT TO EXISTING PIT AND MAKE GOOD
2	G.S.E.P.	900x600	300	105.800	375	105.725	107.512	1.787	EDCM 603/605
3	J.P.	900x600	300	105.910	300	105.860	107.694	1.834	EDCM 605 FIT CLASS 'D' LID
4	J.P.	900x600	300	106.015	300	105.965	107.691	1.726	EDCM 605 FIT CLASS 'D' LID
5	J.P.	900x600	300	106.470	300	106.420	107.835	1.415	EDCM 605 FIT CLASS 'D' LID
5A	J.P.	900x600	300	106.585	300	106.535	107.925	1.390	EDCM 605 FIT CLASS 'D' LID
6	J.P.	900x600	-	-	300	106.675	108.175	1.500	EDCM 605 FIT CLASS 'D' LID
7	J.P.	900x600	-	-	300	106.010	107.596	1.586	EDCM 605
8	G.J.P.	900x600	-	-	300	106.605	107.750	1.145	EDCM 605 FIT CLASS 'D' GATIC GRATE OR SIMILAR
9	G.J.P.	900x600	-	-	300	105.840	107.450	1.610	EDCM 605 FIT CLASS 'D' GATIC GRATE OR SIMILAR



**AS CONSTRUCTED**

STORMWATER DRAINAGE LONGITUDINAL SECTIONS

SCALE Hor. 1:500  
Vert 1:50

RRJ - RUBBER RING JOINTED

▨ DENOTES CRUSHED ROCK BACKFILL

AMENDMENTS	A	9.9.2019	ISSUED FOR CONSTRUCTION		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-J-7					
	SURVEY B.P.D.					
	DESIGN RK					
DRAWN RK			OPALIA ESTATE STAGE 2K		MUNICIPALITY MELTON	
VER	DATE	REMARKS		CHECKED	SCALE AS SHOWN	DATUM AHD
					DATE FEB 19	SHEET 6 OF 7