LOT 500 WIRRING ROAD COWARAMUP STAGE 01A

JDS242318.01A_C000 COVER SH

5		
	JDS242318.01A_C000	COVER SHEET
	JDS242318.01A_C060 JDS242318.01A_C061	SEDIMENT CONTROL PLAN - SHEET 1 SEDIMENT CONTROL PLAN - SHEET 2
	JDS242318.01A_C101	EARTHWORKS PLAN - SHEET 1 EARTHWORKS PLAN - SHEET 2 EARTHWORKS SECTIONS
	JDS242318.01A_C110	RETAINING WALL PLAN AND PROFILES
	JDS242318.01A_C201 JDS242318.01A_C202	
	JDS242318.01A_C300 JDS242318.01A_C301 JDS242318.01A_C302 JDS242318.01A_C303 JDS242318.01A_C320 JDS242318.01A_C321 JDS242318.01A_C330 JDS242318.01A_C331 JDS242318.01A_C340	ROADS AND TREATMENT PLAN - SHEET 2 BIN PAD PLAN AND DETAILS BATTLE-AXE LOT SERVICING TYPICAL ALIGNMENT AND DETAILS ROAD LONGITUDINAL SECTIONS - SHEET 1 ROAD LONGITUDINAL SECTIONS - SHEET 2 ROAD INTERSECTION DETAILS - SHEET 1 ROAD INTERSECTION DETAILS - SHEET 2
	JDS242318.01A_C350 JDS242318.01A_C351 JDS242318.01A_C360 JDS242318.01A_C361 JDS242318.01A_C370 JDS242318.01A_C371 JDS242318.01A_C372 JDS242318.01A_C373 JDS242318.01A_C374 JDS242318.01A_C375	DRAINAGE CATCHMENT AND BASIN PLAN - SHEET 2 DRAINAGE LONGITUDINAL SECTIONS - SHEET 1 DRAINAGE LONGITUDINAL SECTIONS - SHEET 2 DRAINAGE LONGITUDINAL SECTIONS - SHEET 3 DRAINAGE LONGITUDINAL SECTIONS - SHEET 4 DRAINAGE LONGITUDINAL SECTIONS - SHEET 5
	JDS242318.01A_C380 JDS242318.01A_C381	
	JDS242318.01A_C400 JDS242318.01A_C401	WATER RETICULATION PLAN - SHEET 1 WATER RETICULATION PLAN - SHEET 2
	DRAWING	LIST
	JDS242318.0_C900 JDS242318.0_C901	STANDARD ROAD DETAILS - SHEET 1 STANDARD ROAD DETAILS - SHEET 2
	JDS242318.0_C910 JDS242318.0_C911 JDS242318.0_C912	STANDARD DRAINAGE DETAILS - SHEET 1 STANDARD DRAINAGE DETAILS - SHEET 2 STANDARD DRAINAGE DETAILS - SHEET 3
	JDS242318.0_C950 JDS242318.0_C951	STANDARD RETAINING WALL - SHEET 1 OF 2 STANDARD RETAINING WALL - SHEET 2 OF 2 STANDARD RETAINING WALL DETAILS DEEPEND EQOTINGS DETA

STANDARD RETAINING WALL DETAILS DEEPEND FOOTINGS DETAILS

 CONTRACT No.
 JDS242318.01A

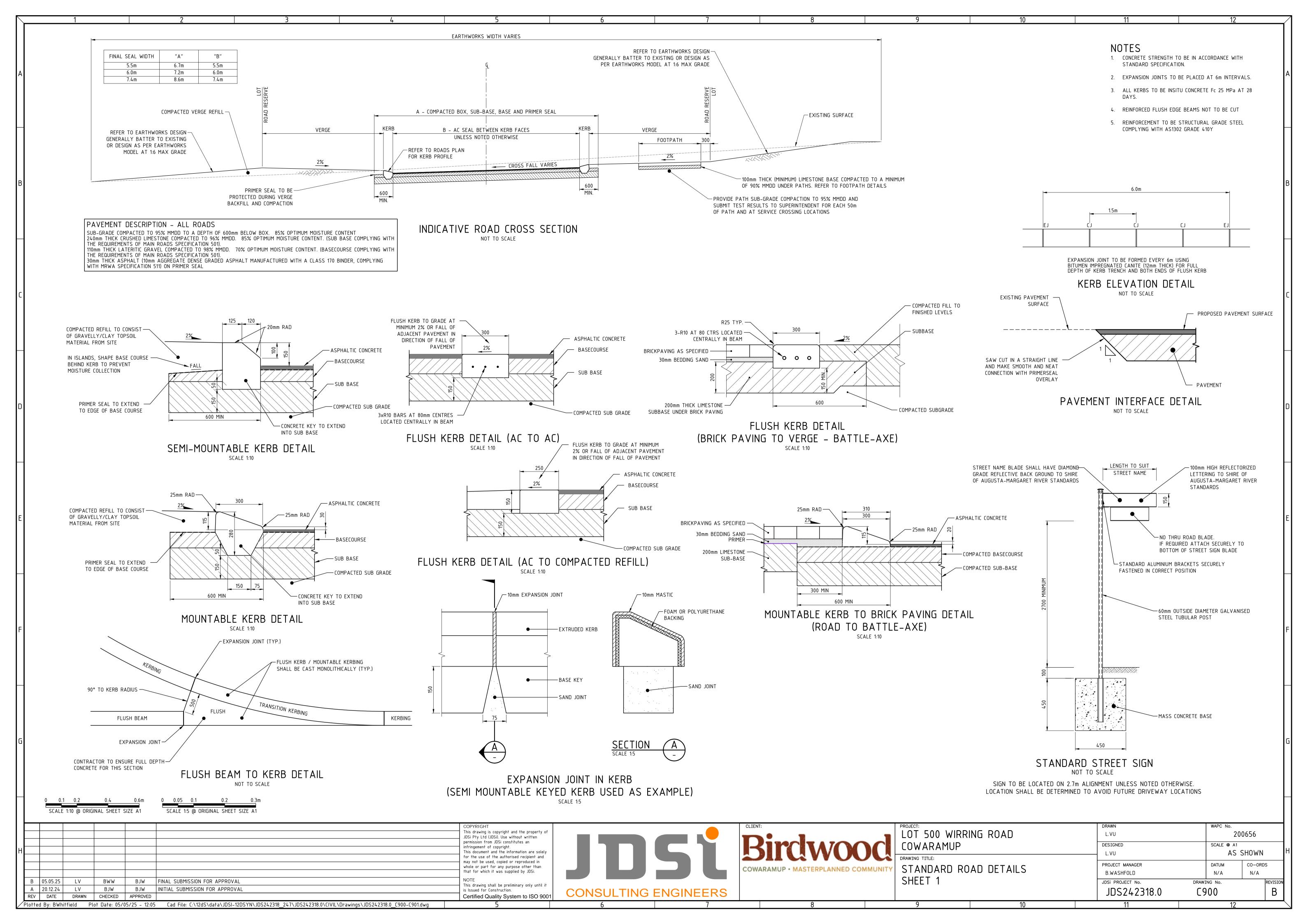
 WAPC No.
 200656

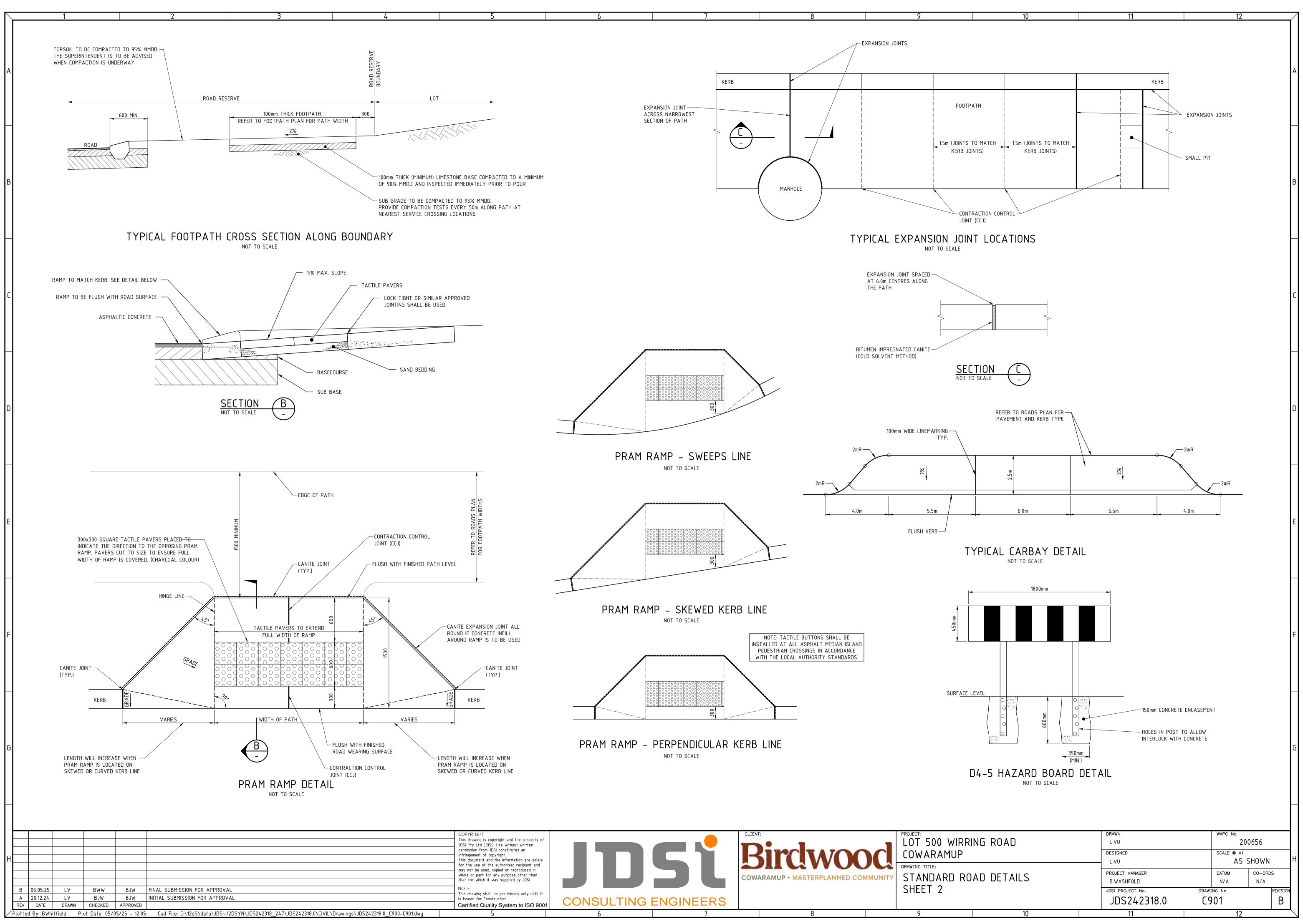
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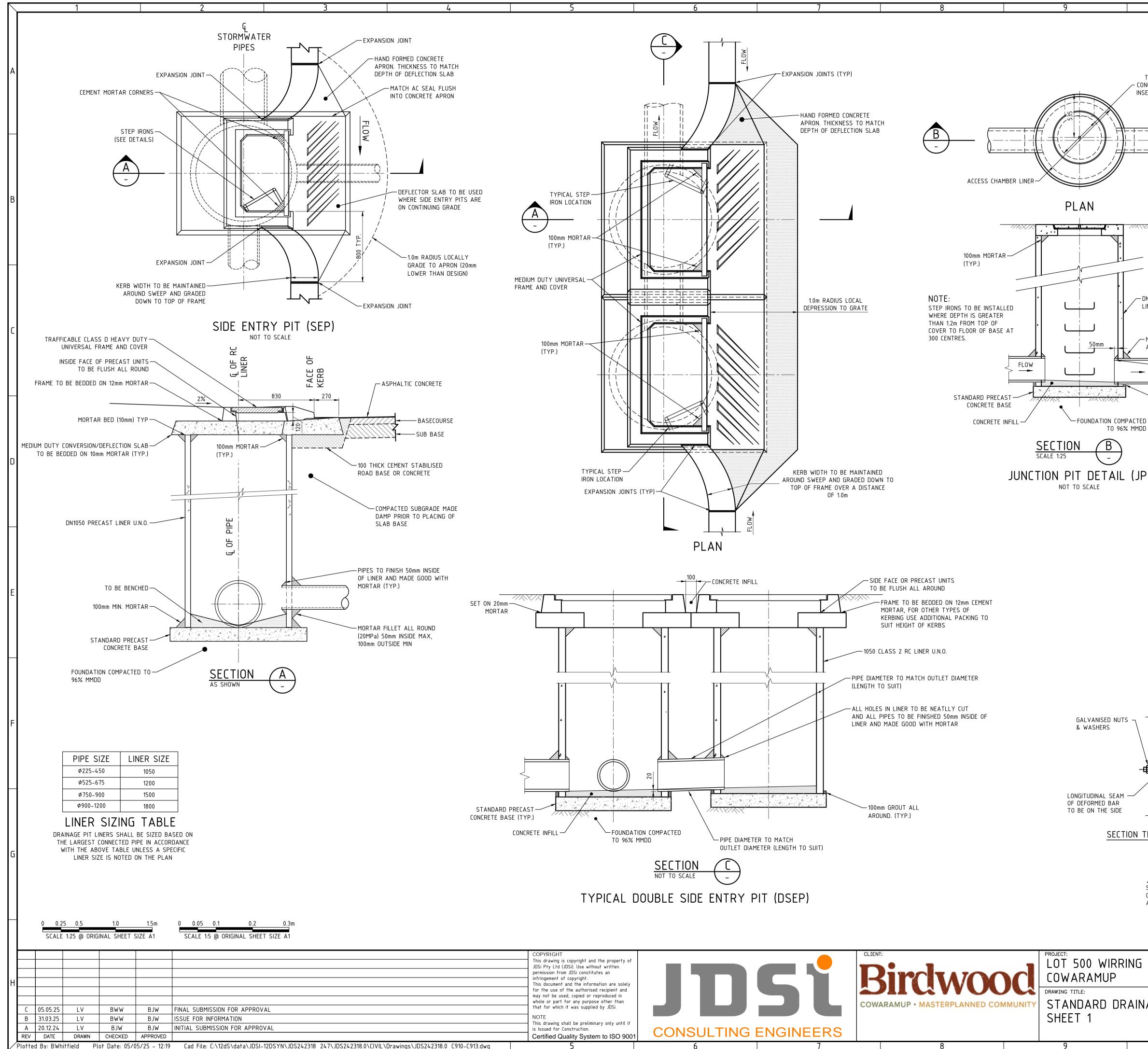




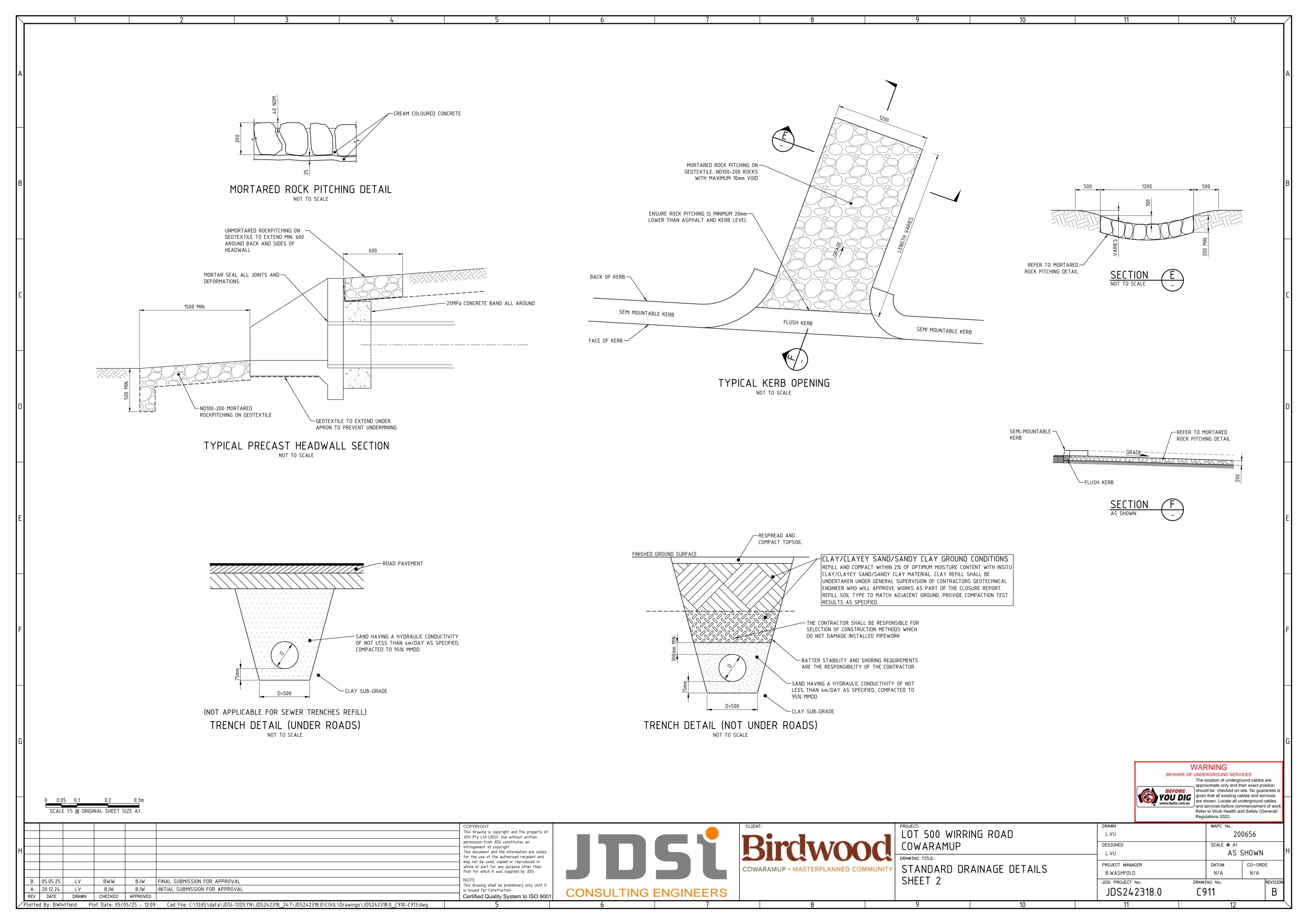


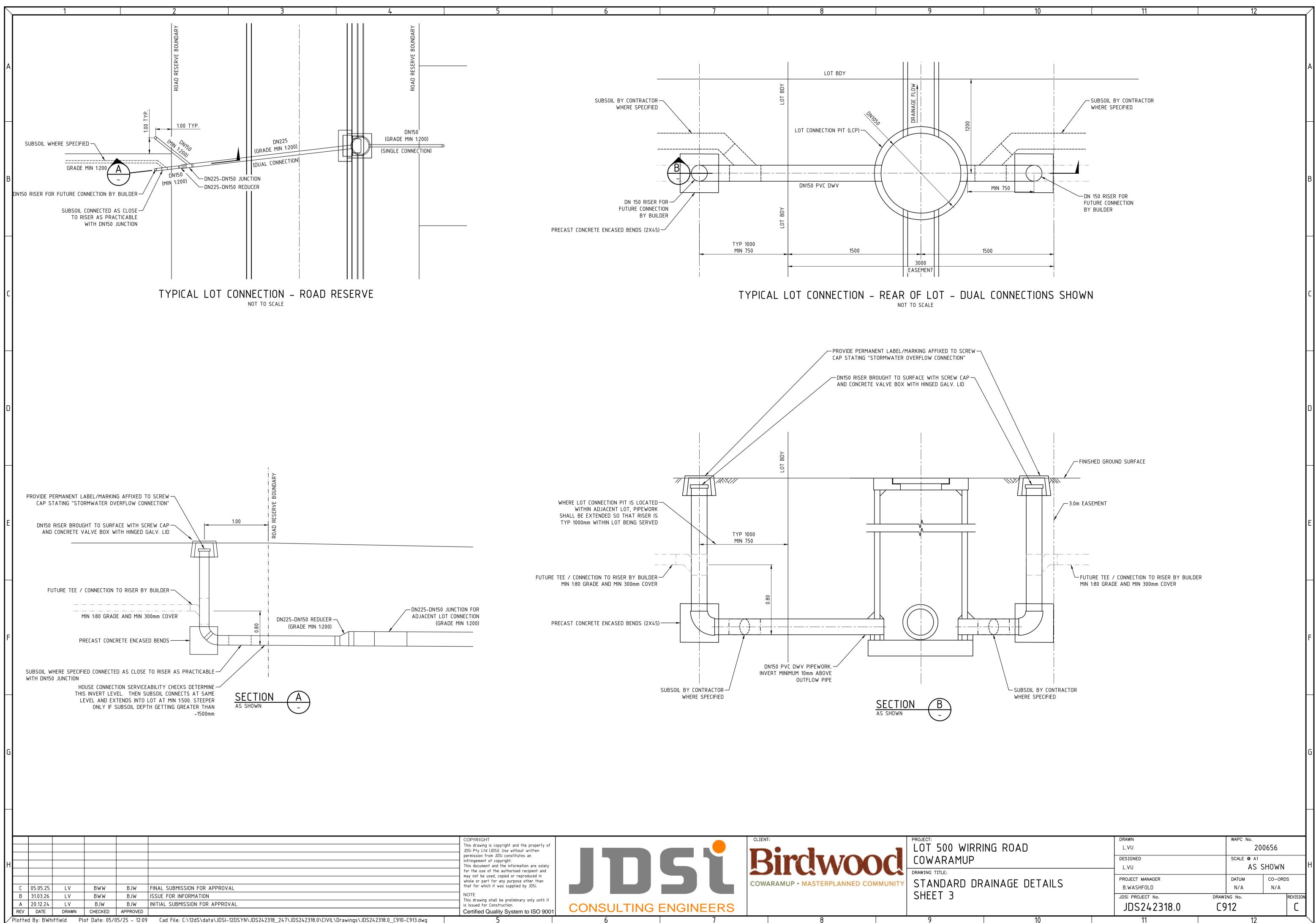


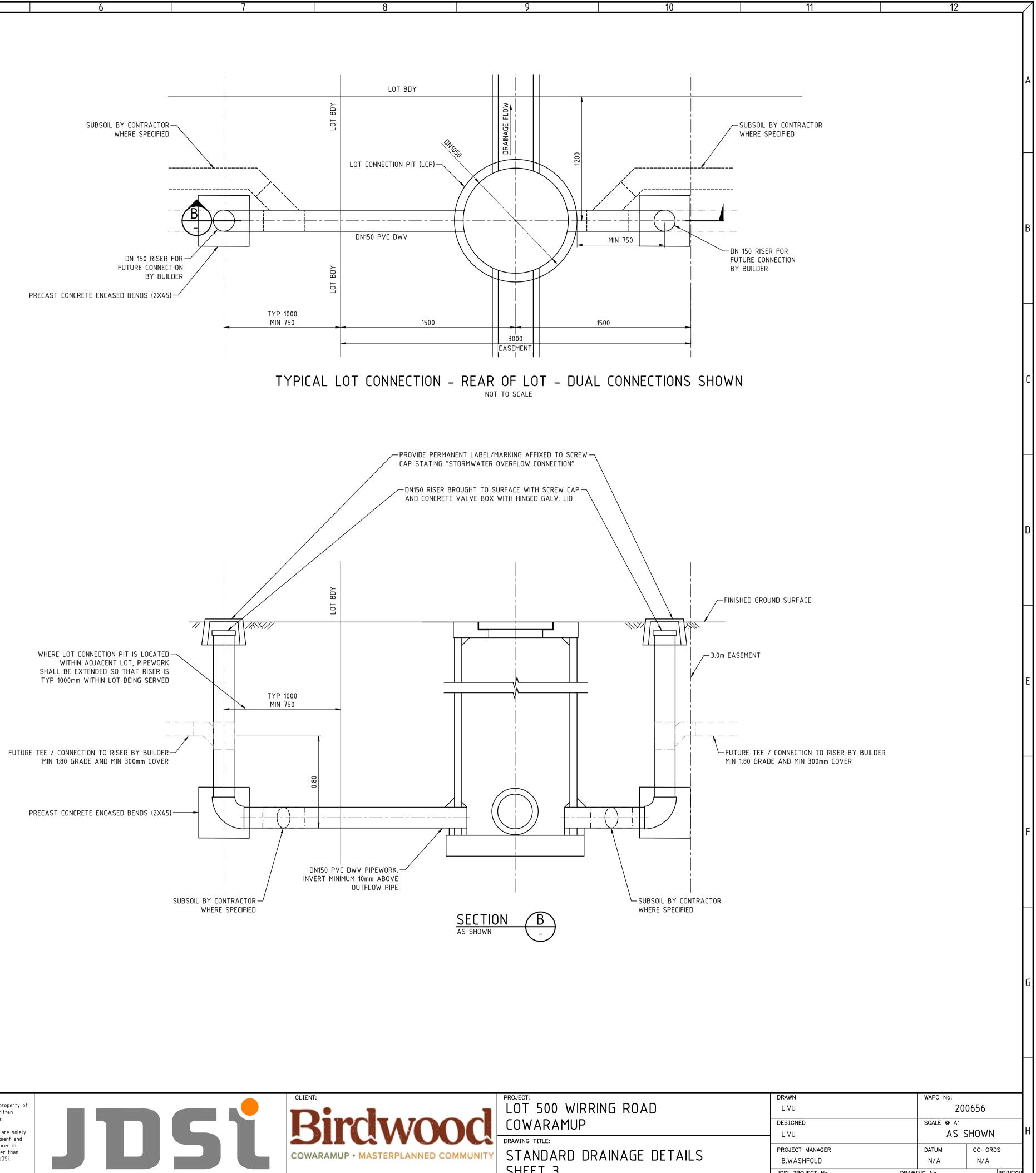


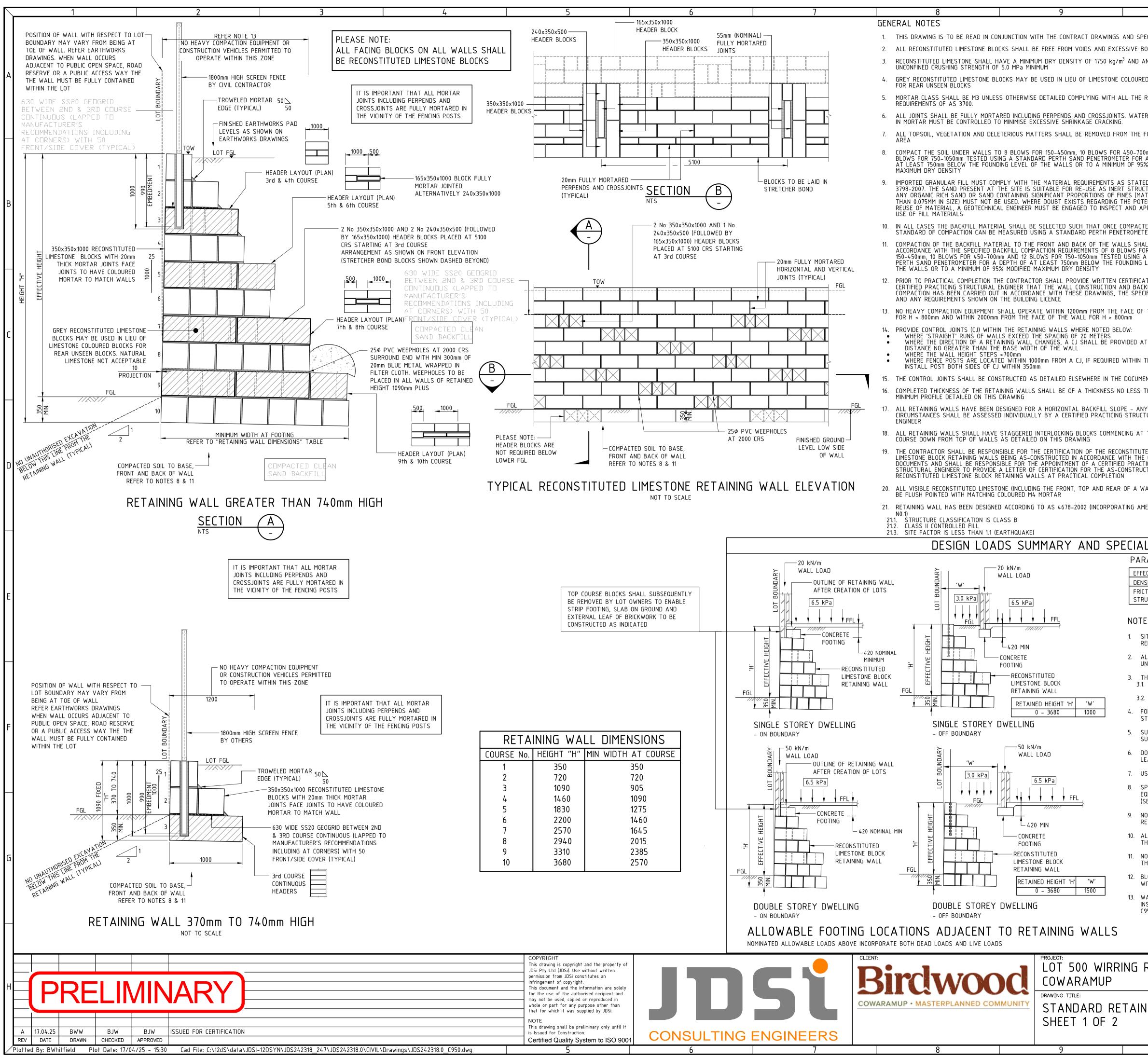


			_
10	NOTI	11 12 ES	1
	1. CON	CRETE TO BE 20mm NOMINAL AGGREGATE AND HAVE A MINIMUM STRENGTH AT DAYS OF:	
TRAFFICABLE CLASS D	2. PIP	PRECAST UNIT: 40MPa INSITU BASE: 20MPa JOINTS WITHIN ONE METRE OF PIT TO BE SEALED.	1
ONCRETE LID WITH 760 DIA SERT WITH CENTRAL SLOT	4. ALL 5. STE	GRADE TO BASE SHALL BE COMPACTED TO 96% MMDD BEFORE PLACING BASE. MEASUREMENTS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. P IRONS NOT REQUIRED IN PITS WITH A LINER OF DEPTH 1200mm OR LESS. ES FOR PIPES ENTERING JUNCTION PIT WALLS ARE TO BE MACHINE CUT OR	
	MAI The 7. All	E BY DRILLING 10mm HOLES AT 20mm CENTRES AROUND A CIRCLE MARKED ON INSIDE WALL AND THEN BREAKING OUT THE CONCRETE. COMPONENTS TO BE DESIGNED TO ACCEPT A14 LOADING N.A.A.S.R.A STD.	
	9. PIT OR	TAR TO BE 3:1 SAND : CEMENT . MIXTURE. LINER SHALL BE INTERLOCKING JOINT AND SPUN REINFORCED CONCRETE LINER EQUIVALENT TO CLASS 2 OR EQUIVALENT TO CLASS 2 PIPE. PIPES TO BE REINFORCED CONCRETE RUBBER RING JOINT UNLESS OTHERWISE	1
	NOT		
		E	3
-			
-			
DN1050 PRECAST LINER U.N.O.			
- MORTAR FILLET ALL		C	-
AROUND PIPES TO FINISH 50m			
GOOD WITH MORTAR.			
D			
םו		C)
Γ)			
		E	
		370	
WASHER WELDE	ED TO		:
THROUGH WALL	VER	TICAL SPACING	
STEP IRON DET		0	j
FOR SIDE ENTR STEP IRONS TO BE 24 DIA HOT GALVANISED DEFORMED BARS	T DIPPED		
AND THREADED FIXING SYSTEM			
ROAD		DRAWN WAPC No. L.VU 200656	
		DESIGNED SCALE @ A1 L.VU AS SHOWN PROJECT MANAGER DATUM CO-ORDS	1
NAGE DETAILS		B.WASHFOLD N/A N/A JDSI PROJECT No. DRAWING No. REVISION	
10		JDS242318.0 C910 C	
			-

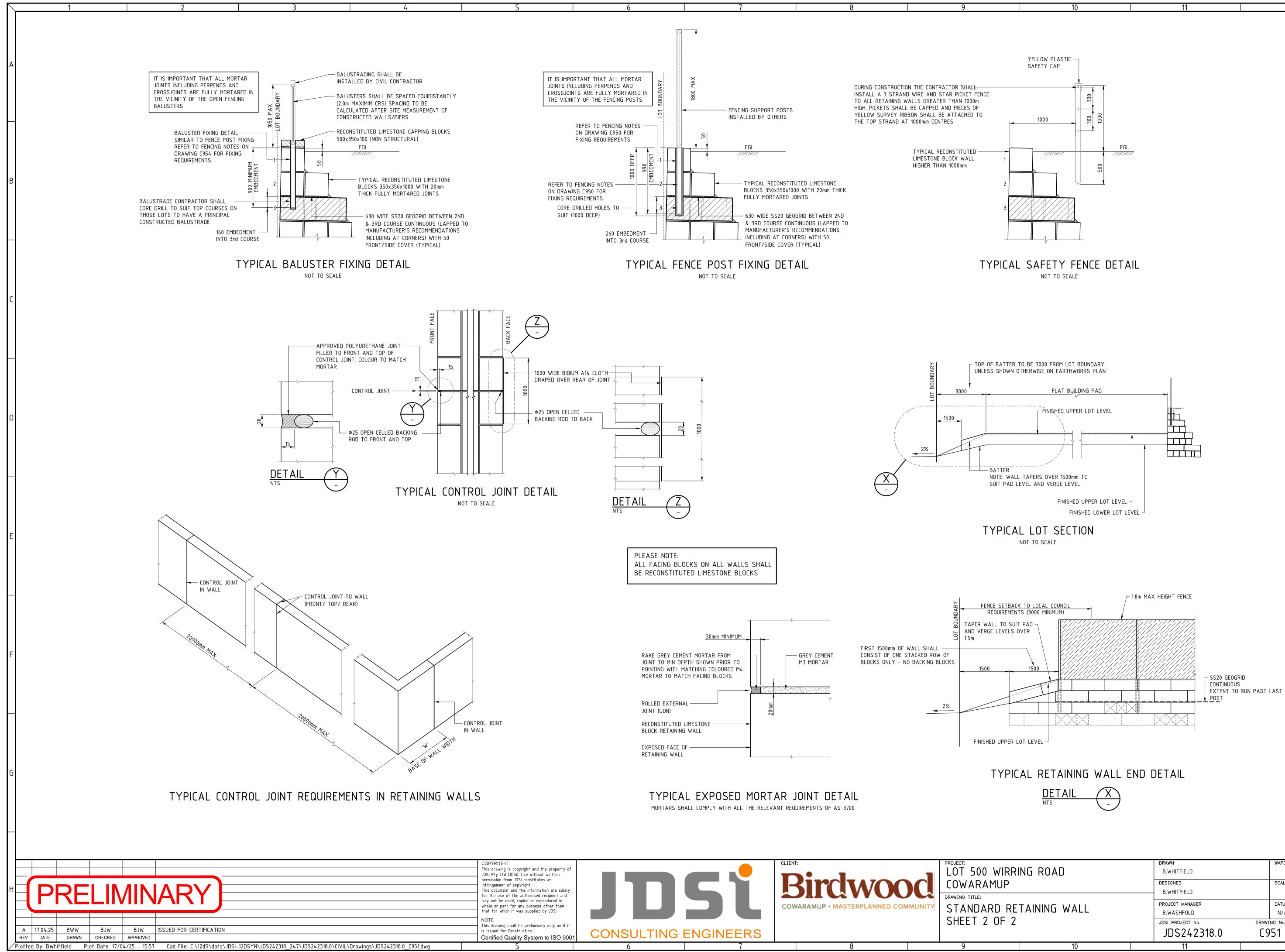






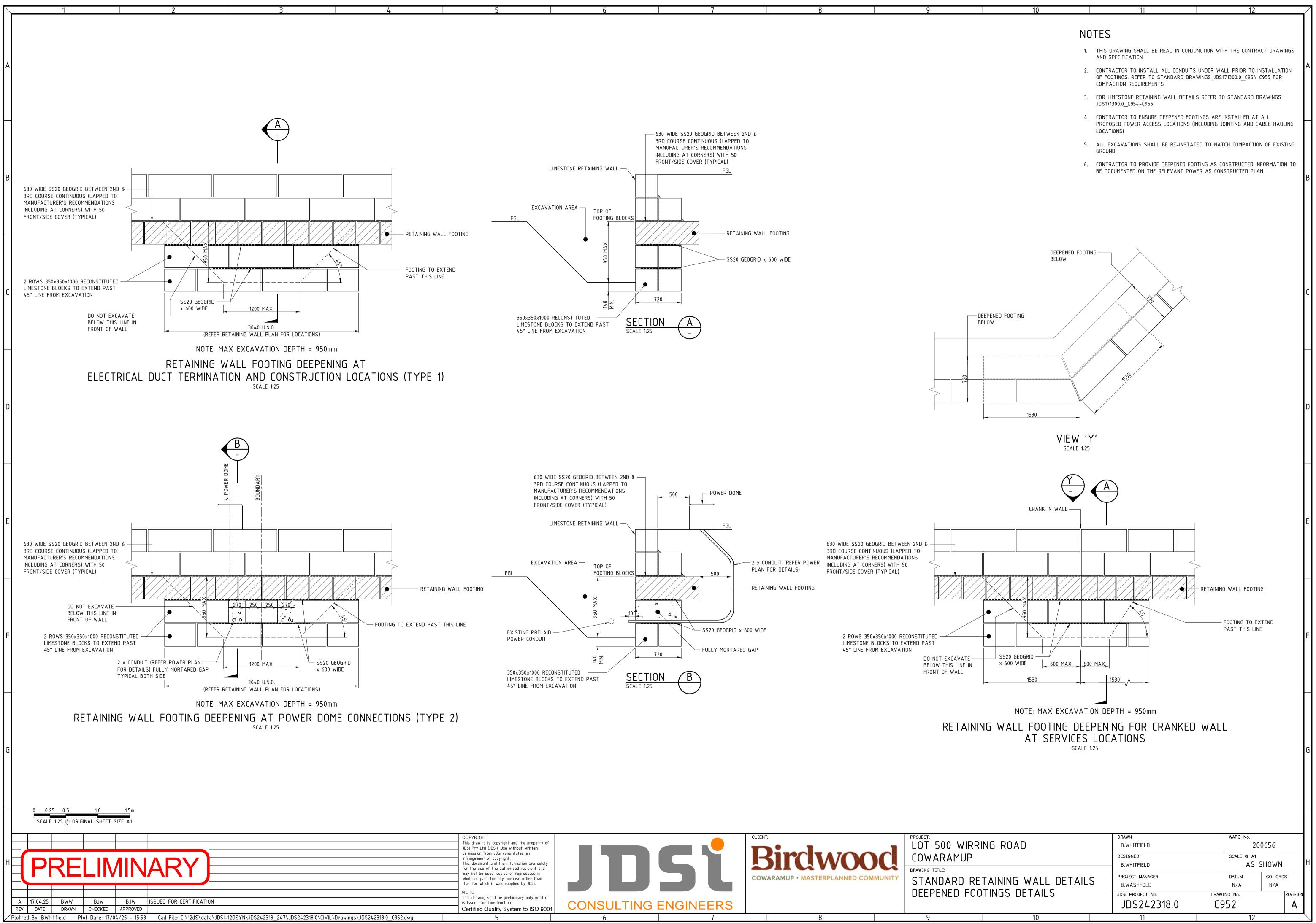


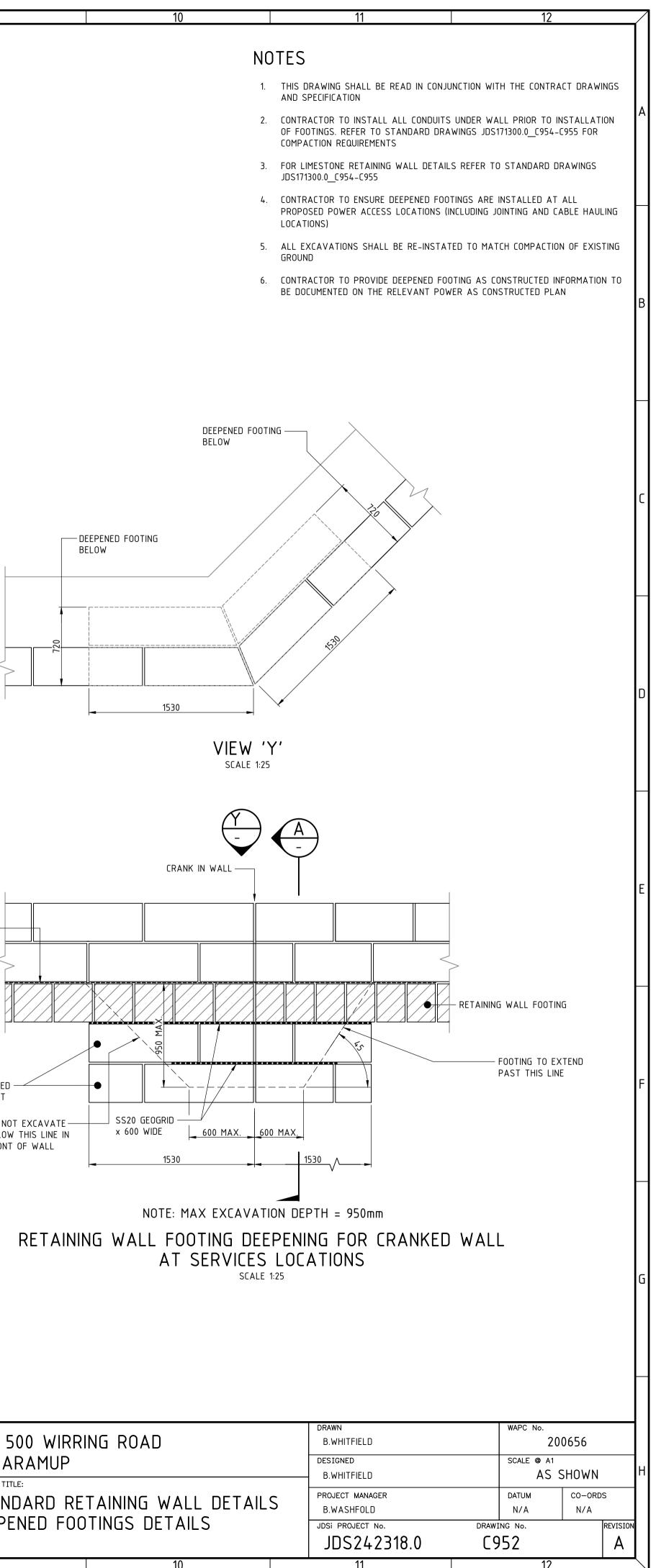
1	0 ANT	I-GRAFFIT	I REQUIRI	11 EMENTS		12			$\left[\right]$	
ECIFICATION	30.	ALL RETAININ MANUFACTUR		HALL BE ANTI-GRAFFITI COAT MENDATIONS	TED IN STRICT AC	CORDANCE WI	TH THE			
ONEY AREAS	31.	AS-CONSTRU	CTED RECOR	D OF ANTI-GRAFFITI COATING	SHALL BE PROV	IDED AT PRAC	TICAL			
ED BLOCKS	32.	CLEANING SP	ECIFICATION	SHALL BE PROVIDED AT PRA	CTICAL COMPLETI	ON			A	
RELEVANT		WARRANTY (CING NOTE)		SHALL BE PROVIDED AT PRA	CTICAL COMPLET	ON				
ER CONTENT		WHERE FENCI	NG IS REQUI	RED TO BE USED ON TOP OF		TED LIMESTON	E BLOCK			
FOUNDATION	41.	WHERE FENCI RETAINING W	NG IS REQUI ALL, THE FE	ENCING SHALL NOT BE HIGHEI RED TO FIX OVER THE TOP O NCING SHALL BE STRUCTURAI	F THE RECONSTIT LLY CONNECTED I					
0mm AND 12 A DEPTH OF % MODIFIED	42.	WHERE FENCI	NG IS TO BE ED LIMESTO	AS DETAILED ON THESE DRAY PROVIDED, THE SPACING OF NE BLOCK RETAINING WALL A	THE STRUCTURA	L CONNECTION: CE SHOULD NO	S BETWEE)T BE MOI	EN THE RE		
ED IN AS TURAL FILL. TERIA LESS ENTIAL	43.	IF THE SPACI STRUCTURAL	NG OF THE ADEQUACY	CONNECTIONS HAS TO BE INCP OF THE WALL SHALL TO BE TO ENSURE NO LOCAL FAILURE	ASSESSED AND [)ESIGNED BY A	A PRACTIO		B	
PPROVE THE		260mm INTO	THE THIRD (U	
ER ALL BE IN		WHICH EXTEN	ID 160mm IN	ENCING BALUSTERS SHALL B						
OR A STANDARD LEVEL OF	46.	PLAN. AN AP PARCHEM OR CORED HOLES	PROVED NO SIKA GROU 5. ALTERNAT	BALUSTERS SHALL BE PLACED N-SHRINK FLOWABLE CONSTRI T GP FROM SIKA SHALL BE US TVELY THE CORED HOLES SHA	UCTION GROUT ec SED TO ANCHOR ALL BE THOROUGI	. CONBEXTRA THE FENCE PO ILY CLEANED	GP FROM STS INTO AND FULL	THE Y		
ATION FROM A KFILL IFICATION	C 4 F	FENCING POS TOPPED UP V	TS TO THEIF	2 TO WITHIN 25mm FROM TOP 2 CORRECT HEIGHT AND ALIGN ING COLOURED M4 MORTAR.						
THE WALL	50.		NG WALLS S	HALL BE CONSTRUCTED TO W	ORKSAFE PRACT	CES TO ENSUF	RE SAFET	Ү ТО		
TA		PERSONNEL A	AND STRUCT TRUCTION T		ALL A 3 STRAND	STAR PICKET	FENCE TO		С	
THEN			VEY RIBBON	SHALL BE ATTACHED TO TH				ER		
ENTS	52.	THE CONTRAC		INSTALL TEMPORARY WARNI	NG SIGNS AS NEO	ESSARY. REFI	ER TO			
THAN THE				TONE PIER NOTES						
Y OTHER TURAL		WITH A HOT	DIPPED GAL	ESTONE PIERS HIGHER THAN 7 VANISED N10/N12/N16 BAR AS	S DETAILED ON T	HE DRAWINGS.				
THE THIRD	61.	LIMESTONE W TO INSTALLIN FROM PARCHI	IE HOT DIPPED GALVANISED STARTER BARS SHALL BE ANCHORED INTO THE RECONSTITUTED 1ESTONE WALL BELOW WITHIN A 600 CORED HOLE WHICH SHALL BE THOROUGHLY CLEANED PRIOR INSTALLING AN APPROVED NON-SHRINK FLOWABLE CONSTRUCTION GROUT eg. CONBEXTRA GP OM PARCHEM OR SIKA GROUT GP FROM SIKA AND THE STARTER BAR WHICH SHALL HAVE AN							
FED E CONTRACT TICING CTED		FOOTING, THE FOUNDING FO	MBEDMENT DEPTH OF 900mm. IF THE PIERS ARE CONSTRUCTED ONTO A REINFORCED CONCRETE OOTING, THE CENTRALLY LOCATED STARTER BAR SHALL BE DRILLED AND EPOXIED INTO THE OUNDING FOOTING USING HILTI HY200 ADHESIVE OR SIMILAR APPROVED WITH A MINIMUM MBEDMENT OF 200mm.							
/ALL) SHALL	62.	THE M4 PERF	PEND JOINTS	D N10/N12/N16 PIER REINFORC	HOLES AS DETAIL	ED ON THE DF	RAWINGS.	IT IS		
1ENDMENT		THE M4 MOR		EINFORCEMENT IS FULLY BONE ILL.	JED TO THE RECU	NSTITUTED LI	1ESTUNE	VIA		
L COND	ITIC	ONS								
RAMETERS			DESIGN	l						
ECTIVE SOIL FF SITY OF BACKI TION ANGLE B RUCTURE AND S	FILL SI ETWEE	OIL (γ) N RETAINING	34° 18kN/m ³ 30°	WIND LOADINGS TERRAIN CATE REGION	FOR RETAINING N GORY		.5		E	
		1	50	KLUON		A	<u>'</u>			
ES ITE CLASSIFICA	TION	- (LASS 'S' FI	OLLOWING F	ARTHWORKS IN ACCORDANCE	WITH GALT GEOT	FCHNICAI				
EPORT J210129	9 001	R REV 0.		ONE WITH A MINIMUM DRY DEI						
INCONFINED CO	MPRES	SIVE STRENGT	H OF 5.0 MF	Pa MINIMUM	-					
. 5 kPa SUR(1170.2 ON A	CHARG AN 180	E TO BACK OF Omm HIGH FEN(WALL PLUS	BEEN DESIGNED FOR THE FOLL S TC2.5 WIND REGION A1 WIND DF WALL S BALUSTRADE LOADING TO A	LOADING TO	AS/NZS				
OR ANY OTHER TRUCTURAL EN			IFICATION MU	JST BE OBTAINED FROM A CEI	RTIFIED PRACTICI	NG				
URCHARGE LOA				JRING CONSTRUCTION MUST NO	OT EXCEED THE A	ALLOWABLE			F	
	LL ANI			HIND WALLS UNTIL THE LAST	BLOCKS LAID AF	E AT				
		PACTION EQUIP	MENT (PLAT	E COMPACTORS) WITHIN 'H' O	F THE WALL					
	THE H	HEIGHT OF THE	RETAINING	ELECTION OF TREES AND SHRU WALL TO AVOID DAMAGE FRO						
				UCTION VEHICLES SHALL BE O NES NOMINATED ON SECTIONS	PERATED BEHIND	THE				
	LL BE	MAINTAINED 1		PACT LOADS ON FENCES WHI	CH MAY BE TRAN	SFERRED TO				
IO TRAFFICABL	e driv	'EWAYS SHALI		RUCTED CLOSER THAN 1200mm		IT FACE OF			G	
				RTIFIED PRACTICING STRUCTU RETAINING WALLS AND GROU		RED				
				ACTICING STRUCTURAL ENGINE ORT AN 1800mm HIGH POST A		ENCING				
				ENCING NOTES OUTLINED ON T						
ROAD				DRAWN B.WHITFIELD		WAPC No. 200	656			
			ŀ			SCALE @ A1	TS		Н	
NING WA				B.WHITFIELD PROJECT MANAGER		DATUM	CO-ORDS	5		
	ιLL		ŀ	B.WASHFOLD JDSi PROJECT No.	DRAWING	N/A G No.	N/A	REVISION		
				JDS242318.0	C95	50		А		



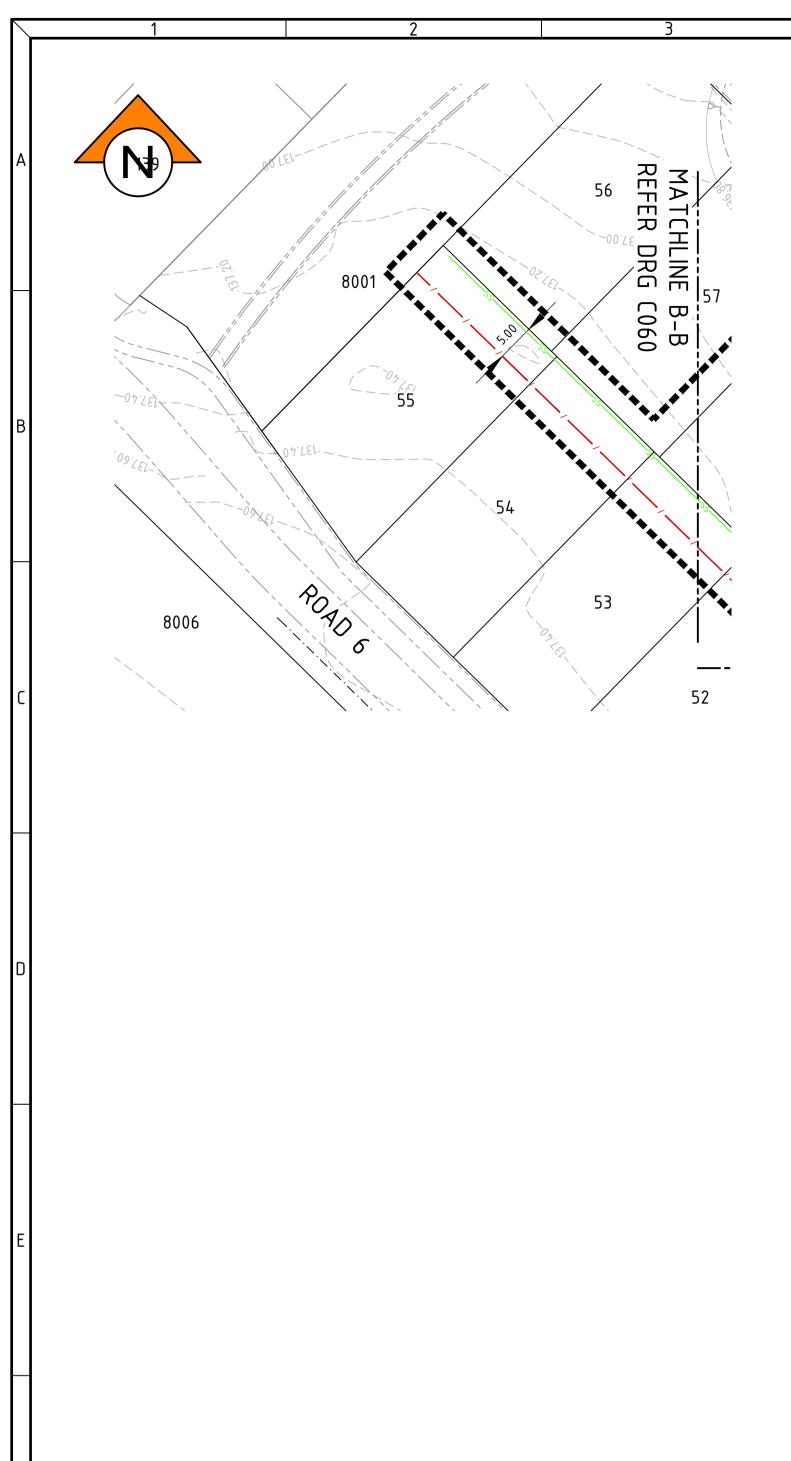
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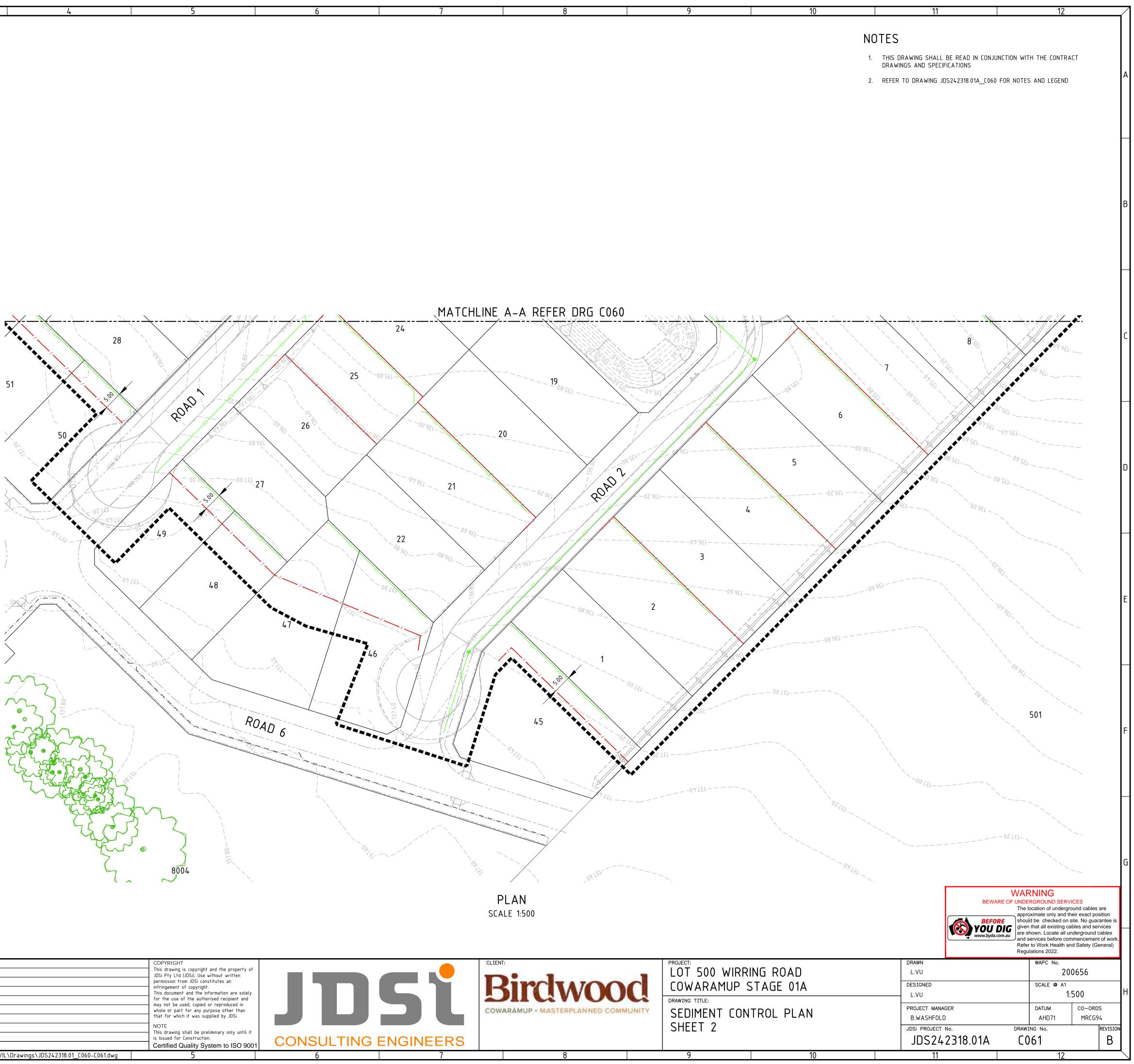
	DRAWN	WAPC No.	
i ROAD	B.WHITFIELD	2006	556
	DESIGNED	SCALE @ A1	
	B.WHITFIELD	NT	S H
INING WALL	PROJECT MANAGER	DATUM	CO-ORDS
	B.WASHFOLD	N/A	N/A
	JDSi PROJECT No.	DRAWING No.	REVISION
	JDS242318.0	C951	A
10	11	12	



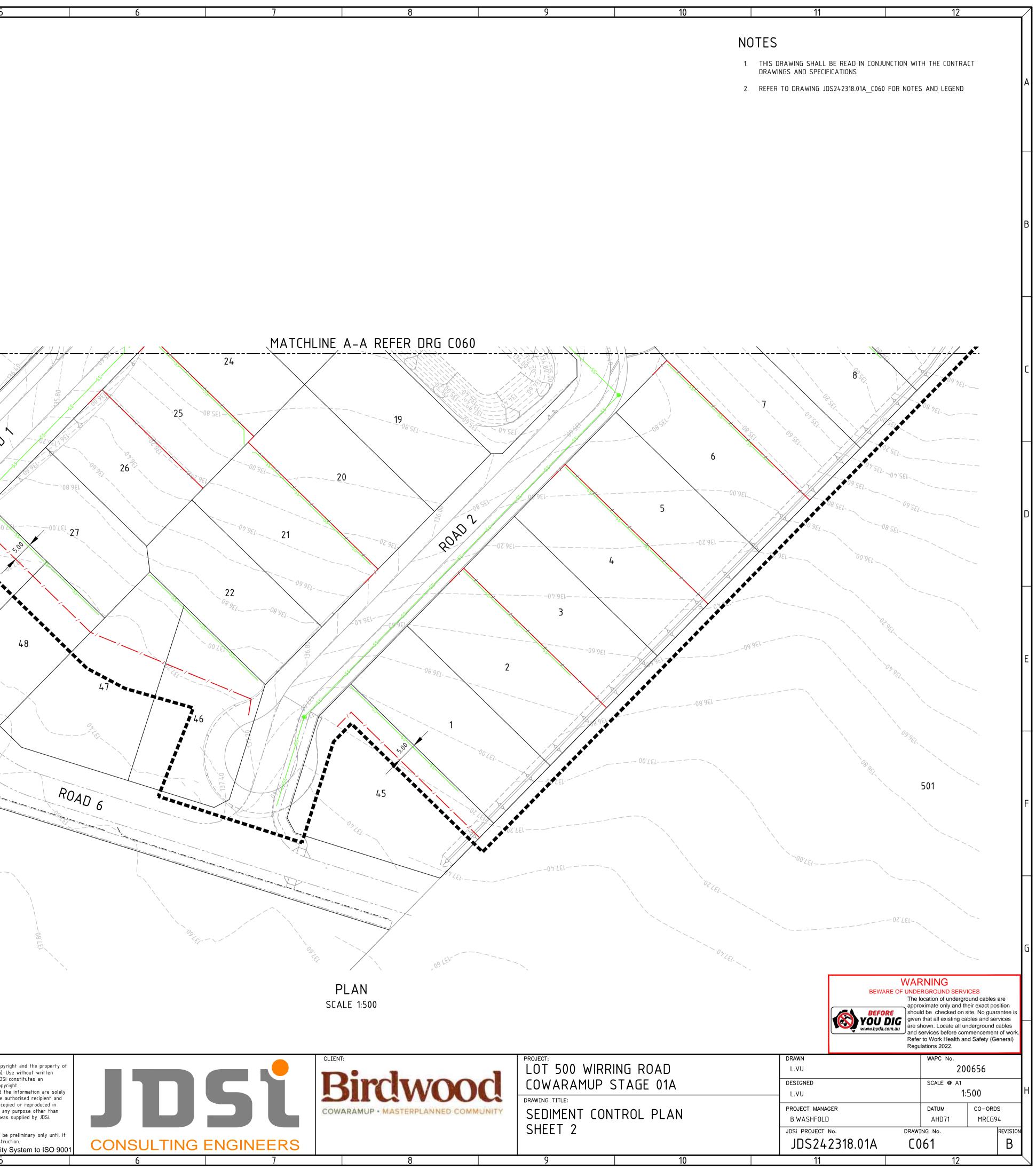


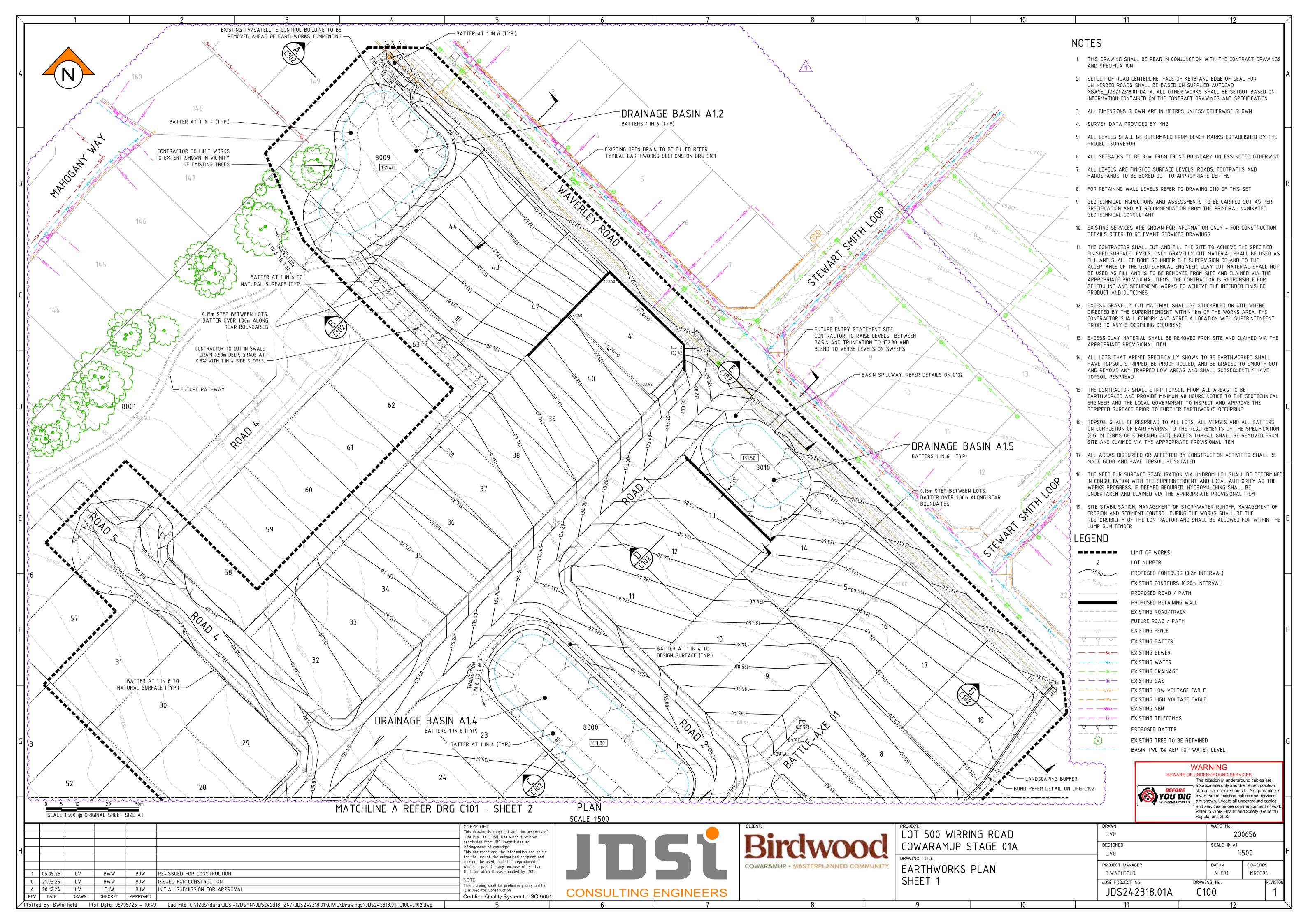


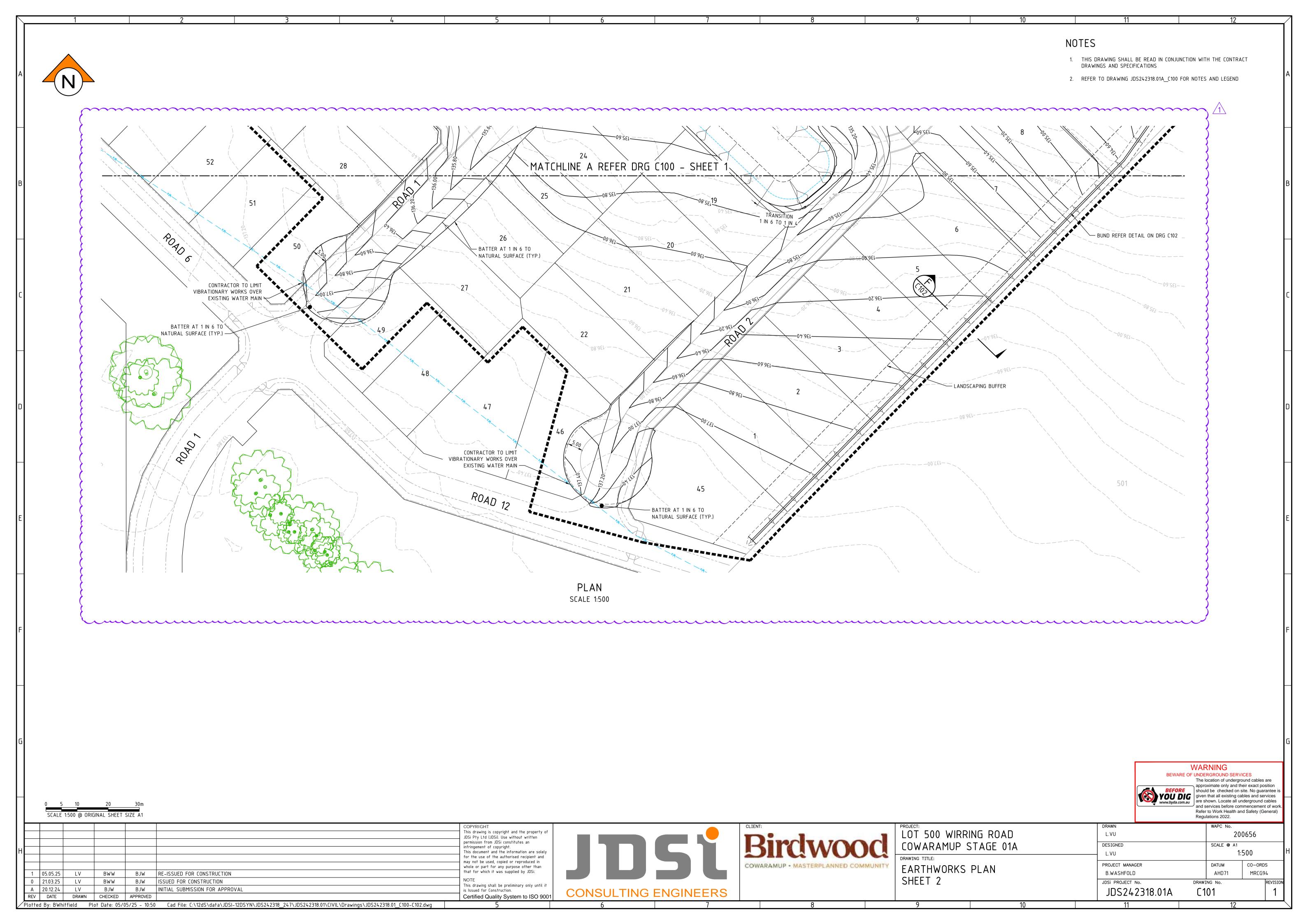


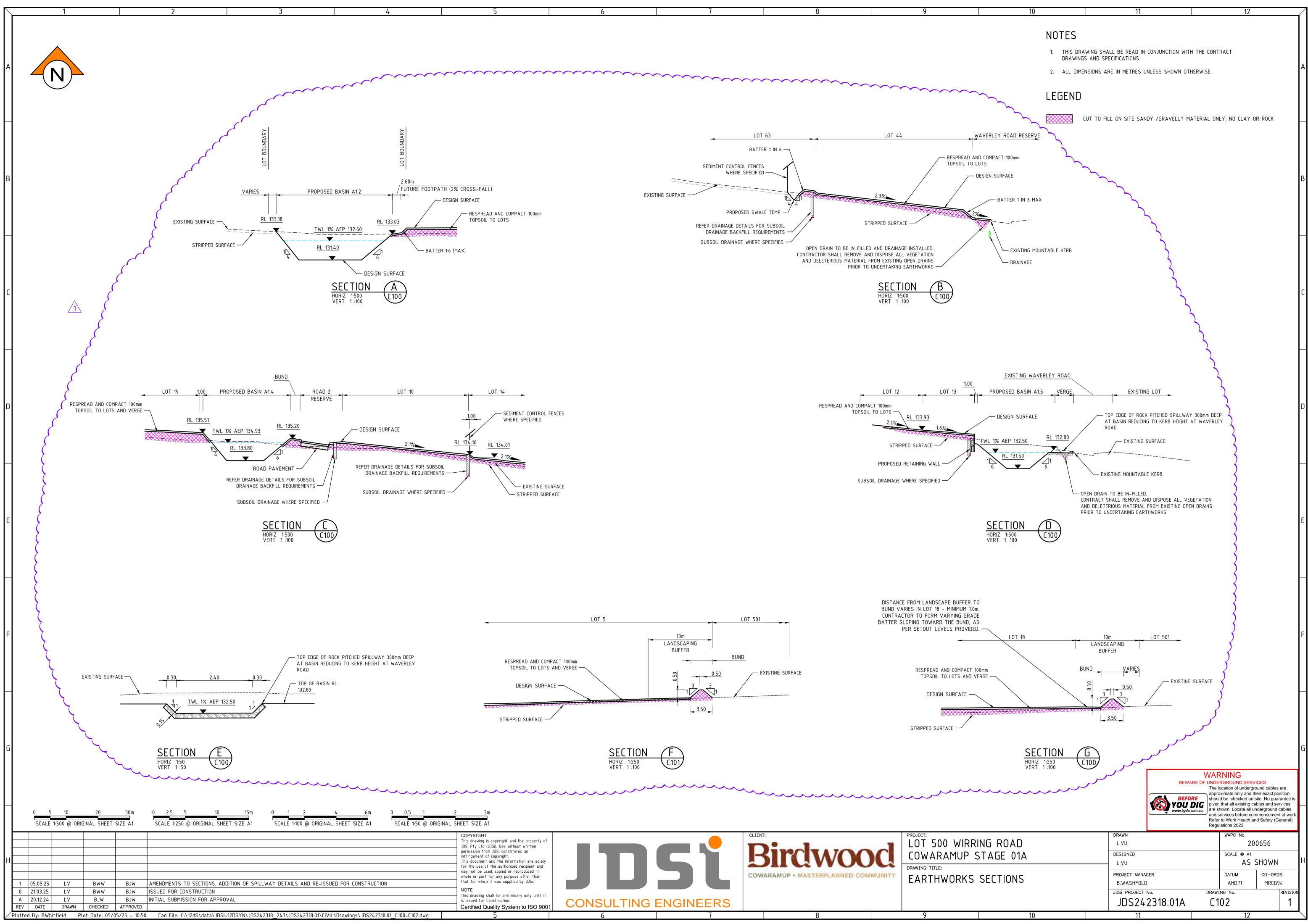


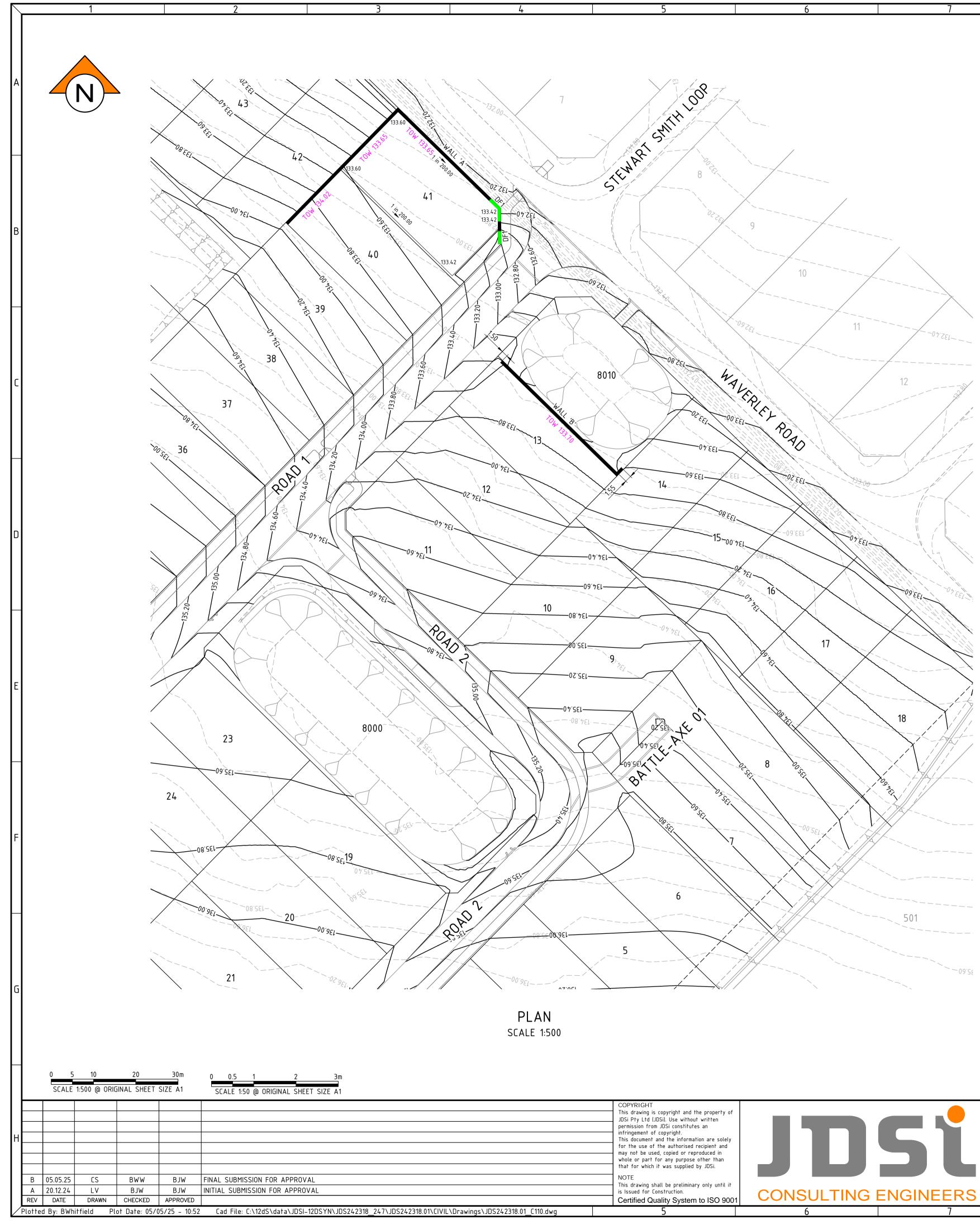
						COPYRIGHT
						This drawing is JDSi Pty Ltd (.
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						for the use of
						may not be us whole or part
						that for which
В	05.05.25	CS	BWW	BJW	FINAL SUBMISSION FOR APPROVAL	NOTE
Α	20.12.24	LV	BJW	BJW	INITIAL SUBMISSION FOR APPROVAL	This drawing sl is Issued for C
REV	DATE	DRAWN	CHECKED	APPROVED		Certified Qu

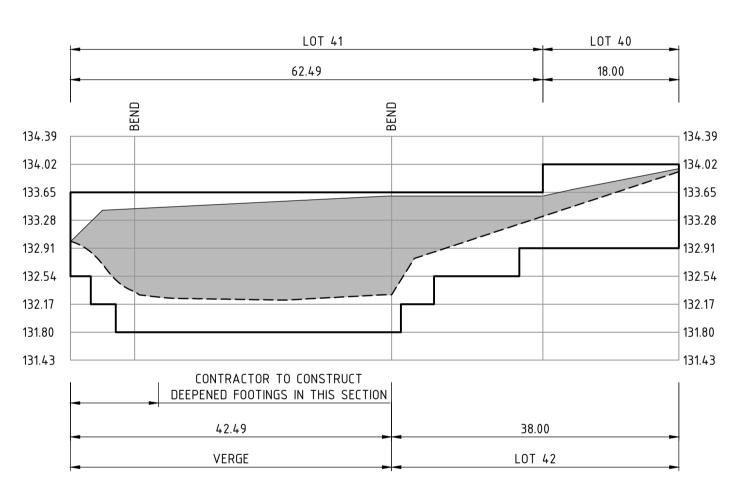




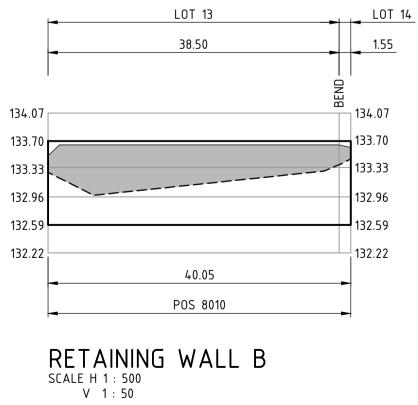








RETAINING WALL A SCALE H 1 : 500 V 1 : 50



CLIENT:

LOT 500 WIRRING COWARAMUP STAC DRAWING TITLE: COWARAMUP - MASTERPLANNED COMMUNITY RETAINING WALL F

PROJECT:

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE CONTRACT DRAWINGS AND SPECIFICATION

12

- 2. THE CONTRACTOR SHALL ENSURE THAT ALL INTERCONNECTING WALL COURSES MATCH
- 3. FOR DETAILS REFER DRAWING C950-C952 OF THIS SET
- 4. BOUNDING WALLS BETWEEN LOTS TO BE TAPERED TO SUIT PAD LEVEL AND VERGE LEVEL OVER 2.5m TO 1 COURSE HEIGHT AT 1500 SETBACK, UNLESS NOTED OTHERWISE
- 5. ALL LEVELS AND SETOUT BENCHMARKS TO BE BY LICENSED SURVEYOR
- 6. CONTROL JOINT LOCATIONS ARE DEPENDENT ON CONSTRUCTION METHODOLOGY. THE CONTRACTOR SHALL REFER TO STANDARD RETAINING WALL DRAWINGS FOR JOINT LOCATIONS
- 7. CONTRACTOR TO INSTALL ALL CONDUITS REQUIRED UNDER WALLS AS PER THE RELEVANT AUTHORITY STANDARDS PRIOR TO CONSTRUCTION OF WALLS

LEGEND

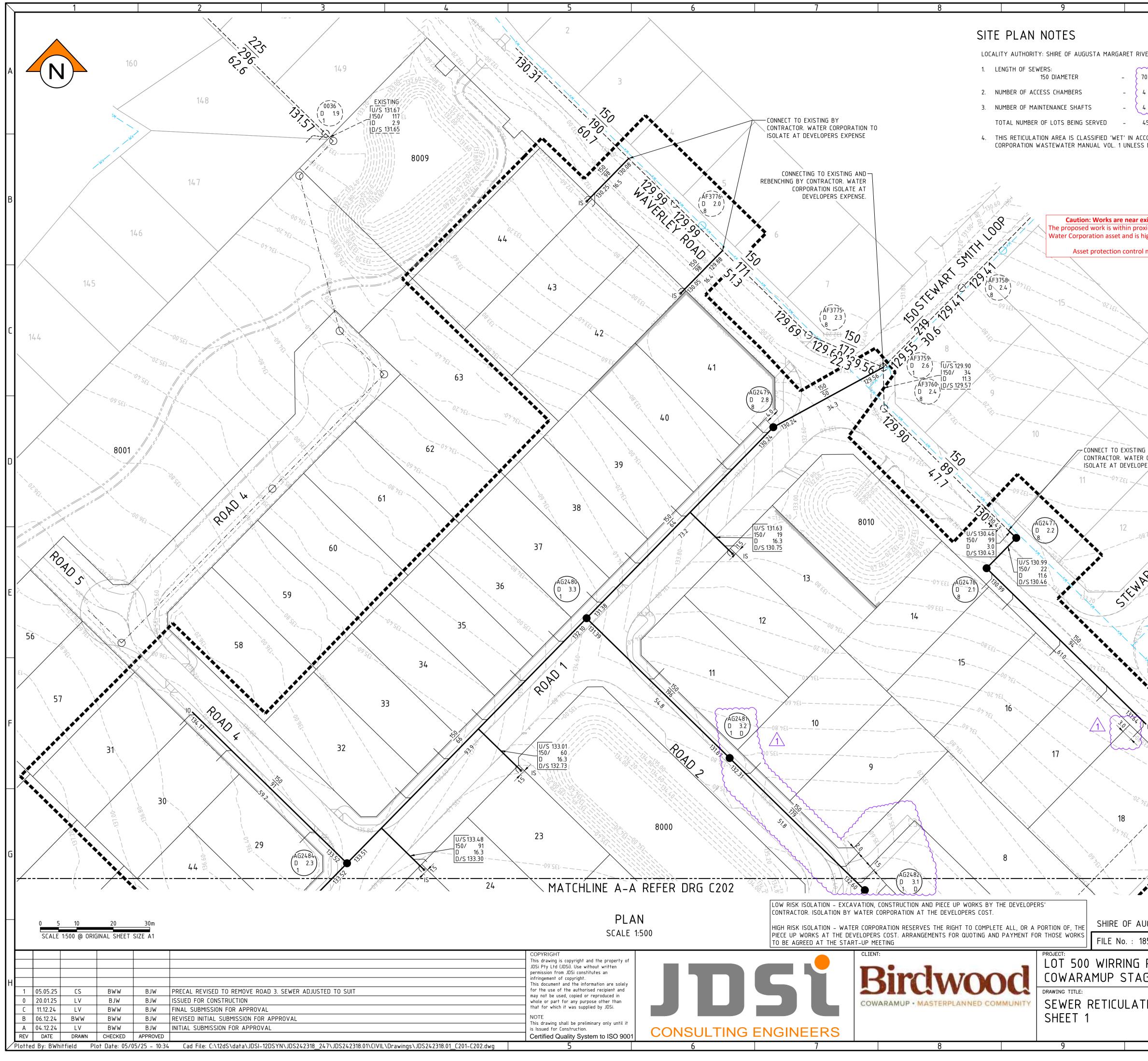
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LOT NUMBER

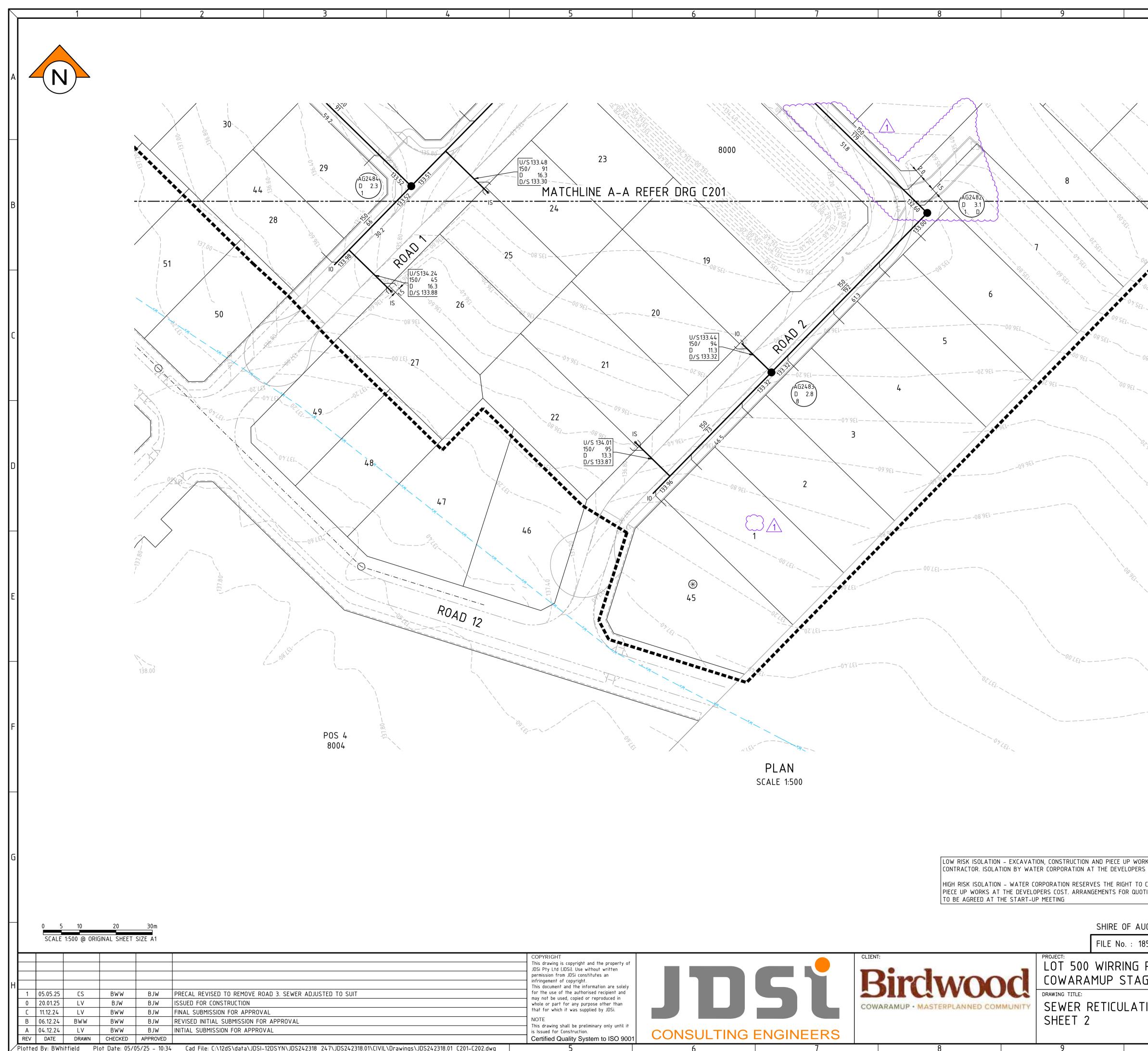
WALL 'A'	PROPOSED LIMESTONE RETAINING WALL WALL ELEVATION REFERENCE	
15.00	PROPOSED CONTOURS (0.2m INTERVAL)	
15.00	EXISTING CONTOURS (0.20m INTERVAL)	(
DF1	DEEPENED FOOTING LOCATION (TYPE 1) REFER C952	
DF2	DEEPENED FOOTING LOCATION (TYPE 2) REFER C952	
Y_Y_Y_	PROPOSED BATTER	
	PROPOSED LIMESTONE RETAINING WALL	
	PROPOSED LOT LEVEL	
	PROPOSED VERGE LEVEL	
	GRID LINE	
TOW 133.00	TOP OF WALL LEVEL	
	RETAINED AREA/HEIGHT	

		BEWA	RE DIG om.au The la appro shoul given are sl and s Refer	d be checked on that all existing c hown. Locate all u ervices before co		Н
ROAD GE 01A	DRAWN L.VU DESIGNED L.VU			SCALE @ A1	0656 SHOWN	- - H
PLAN AND PROFILE				DATUM AHD71	CO-ORDS MRCG94	
	JDSI PROJE	242318.01A	DRAWI	ng no. 10	REVISIO	ИС
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WARNING

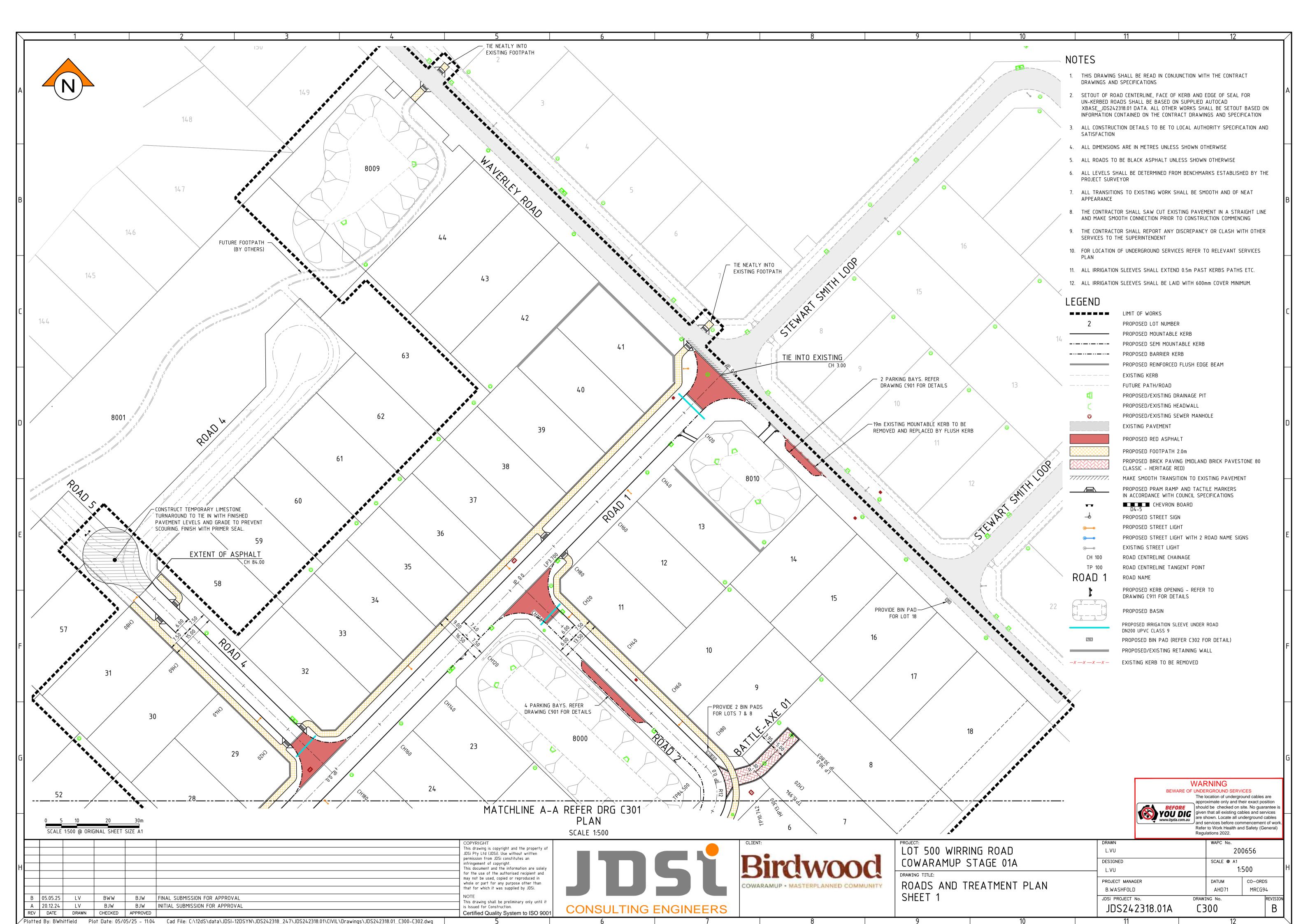


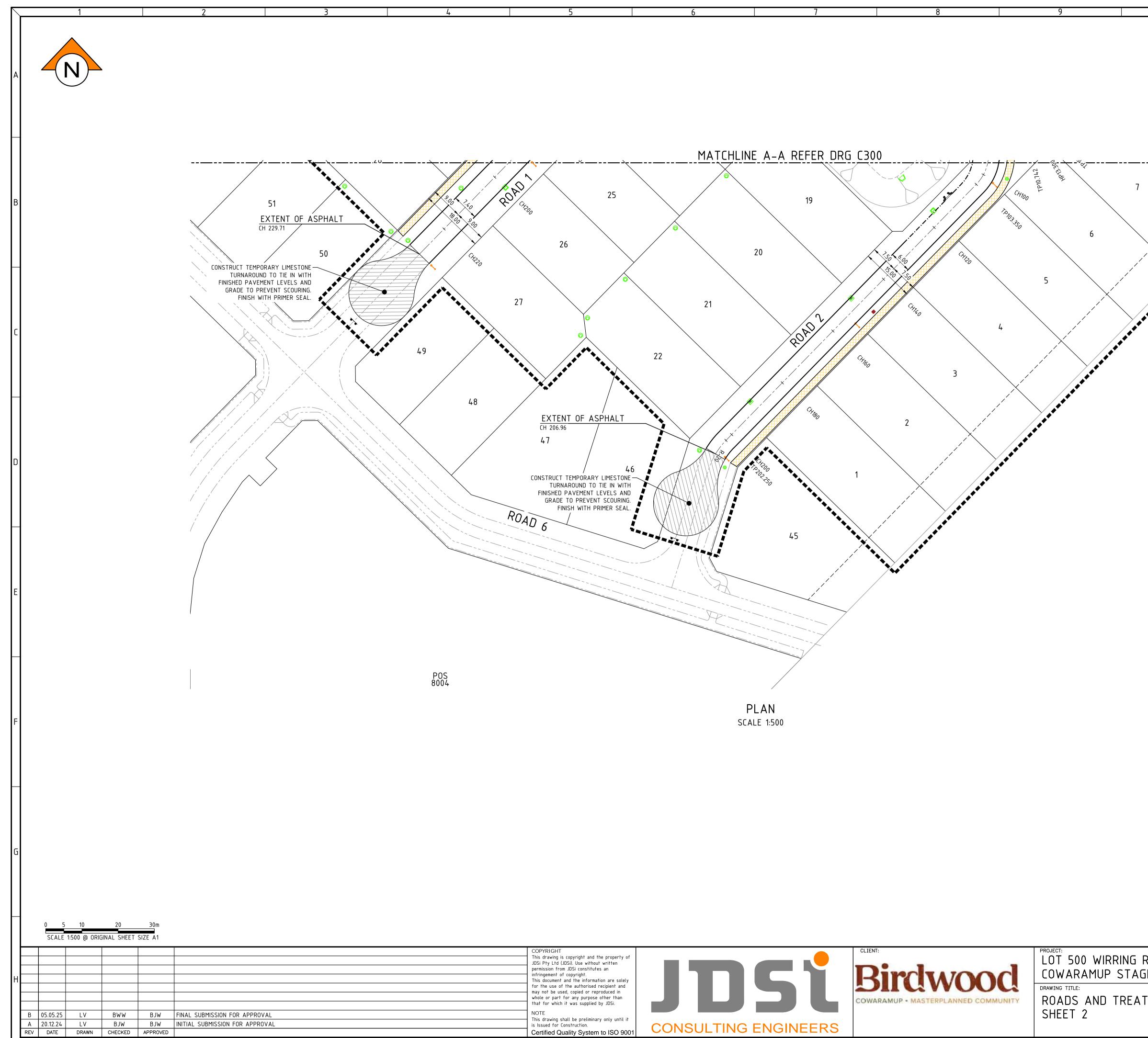
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10			ΙΙΖ	
RIVER	NOTES 1. ALL SEWERA	GE RETICULATION WORKS S	SHALL BE CONSTRUCTED IN ACCORDANCE	
703.4m	WITH THE W	ATER CORPORATION'S DESIGNTE SPECIFICATIONS AND TH	IN STANDARD DS50 [DS50], THE THE CURRENT WATER CORPORATION	A
			TH FILL SHALL NOT PROCEED UNTIL FILL ANCE WITH THE SPECIFICATION	
45		CTOR SHALL DETERMINE AN TO COMPLY WITH THE REQU	ID BE RESPONSIBLE FOR THE BEDDING JIREMENTS OF DS50	
ACCORDANCE WITH THE WATER SS NOTED OTHERWISE.		X (REQUIRES TWO BOUNDAR 10 CONNECTION)	Y CONNECTIONS) GH = GROUP HOUSING	
		IDE AND REAR BOUNDARIES) BE 3.2m FROM FRONT BOUNDARIES ANI OF LOT UNLESS OTHERWISE	D
	CONSTRUCT I		IDICATIVELY. CONTRACTOR TO - TAKING INTO CONSIDERATION NG POWER PILLARS	В
rexisting Assets roximity to an existing s higher risk in nature.	PRIOR TO CO		VER INVERTS AT CONNECTION POINTS WN MAY NOT BE AS-CONSTRUCTED. PANCIES EXIST	
ol may apply.			THESE DRAWINGS PURPORTING TO ATIVE ONLY AND MAY NOT BE COMPLET	E
	STRUCTURES SHALL TAKE WORKS AND	AND/OR VOIDS (SOAKWELL ADEQUATE MEASURES TO	ON-TRAFFICABLE SUBTERRANEAN _S, ETC.) MAY EXIST ON THE SITE AND LOCATE THESE PRIOR TO COMMENCING PRACTICES THAT OBVIATE ANY RISK	
	REPRESENTA CONTRACTOR	TION AS TO WHAT MAY EX	IGATED THE SITE AND MAKES NO KIST ON OR BELOW THE SITE. THE NVESTIGATIONS AS TO THE NATURE OF HTE	С
-0917-		MBER DEPTHS ARE SHOWN OT TO BE USED FOR CONST	FOR WATER CORPORATION INFORMATION	1
	12. ALL LEVELS BY THE SUR		ESTABLISHED BENCHMARKS AS SUPPLIE	
13		SHALL PROVIDE SAFE AND	D DRY ACCESS FOR WATER CORPORATIO	IN
	PIPE DIA-CLASS			
NG BY ER CORPORATION TO	GRADE IL IL LENGTH(m)	PROPOSED SEWERS WIT	TH NOTATION	D
OPERS EXPENSE	U/S 00.00 000/ 0.0	UPSTREAM INVERT LEVI PIPE DIA / GRADE	EL	
	D 0.0 D/S 00.00	LENGTH DOWNSTREAM INVERT L	EVEL	
	x0000 D 0.00 1 D	ACCESS CHAMBERS AS CLASS OF COVER, ACC ACCESS CHAMBER TYPE		
NR TEL	(x0000)	ALLESS LHAMBER TYPE EXISTING ACCESS CHAM		
STILL STILL		ACCESS CHAMBER NUMB	BER	
AR IN		PROPOSED GRAVITY SE AND PROPERTY CONNEC EXISTING GRAVITY SEW		E
		FUTURE GRAVITY SEWE		
	37.00	DESIGN/EXISTING CONTO PROPOSED/ EXISTING/	DURS (0.20m INTERVAL) FUTURE RETAINING WALL	
the last		RETICULATION AREA BO	UNDARY	\vdash
₹ <u>6</u> . 22	*	LOTS SERVICED IN PREV AND RELEASED IN THIS		
	\circledast	LOTS SERVICED IN THIS BUT RELEASED IN FUTU		
	— — Wx—	EXISTING WATER MAIN	WARNING	F
			RE OF UNDERGROUND SERVICES The location of underground cables are approximate only and their exact position	
		BEFO YOU www.byda.c	DIG given that all existing cables and services	s s
			Refer to Work Health and Safety (Genera Regulations 2022.	
· 7EL		PLAN IS ACCEPTED AS BEIN EPT PLAN:	NG IN ACCORDANCE WITH THE ENDORSED)
		-200-001-01A		
	REMA	INS THE RESPONSIBILITY OF		G
	REQU	IREMENTS HAVE BEEN MADE	N SITE UNTIL START-UP MEETING E WITH THE RELEVANT ASSET INSPECTO NUAL FOR CONTACT DETAILS.	_
07'7EL		TEETO LOMBA	ARDO DEC 16, 2024	
			FOR MANAGER, DEVELOPMENT SERVICE	ES
AUGUSTA MARGARET RIV 185839972	ER	OR32-2	03-001-01A	
			WAPC No.	\neg
G ROAD AGE 01A		GNED	200656 SCALE @ A1	—
TION PLAN		HITFIELD ECT MANAGER	1:500 DATUM CO-ORDS	
TION FLAN		ASHFOLD PROJECT No.	AHD71 MRCG94	SION
	JUSI		I	



Plotted By: BWhitfield Plot Date: 05/05/25 - 10:34 Cad File: C:\12dS\data\JDSI-12DSYN\JDS242318_247\JDS242318.01\CIVIL\Drawings\JDS242318.01_C201-C202.dwg

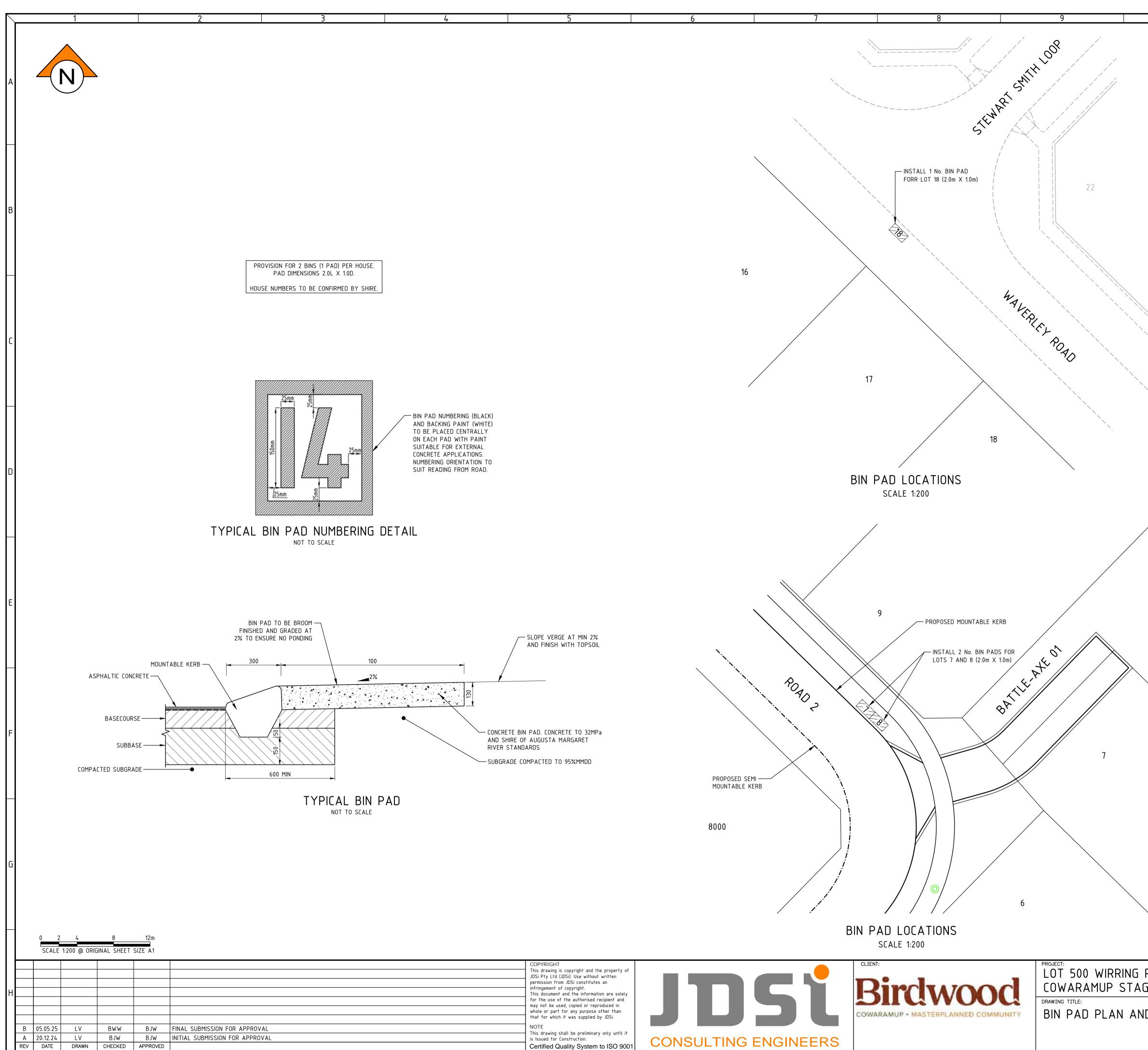
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NOTES	RAWING SHALL	BE RFAD IN CON	IJUNCTION WIT	TH THE CONTRACT	
DRAWI	NGS AND SPECIF	ICATIONS			Α
2. REFER	TO DRAWING JE)S242318.01_C20 ⁻	1 FOR NOTES	AND LEGEND	
Later 20					
18	-00.4E				
	`				
-07.4	761				В
- 08'7C					
¹⁰ 956					
· · · · · · · · · · · · · · · · · · ·					
EV07'SEL					
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07/16					
			\\/ A F	RNING	F
		BE	WARE OF UNDE The I	RGROUND SERVICES ocation of underground cables are oximate only and their exact position	
		YOL	FORE shou	Id be checked on site. No guarantee is a that all existing cables and services hown. Locate all underground cables	
		www.by	Refe	services before commencement of work. r to Work Health and Safety (General) ilations 2022.	
				RDANCE WITH THE ENDORSED	
	CONCEPT PLA				
	COMPLIANCE V	VITH THE RELEV.		TANDARDS AND MANUALS	
DRKS BY THE DEVELOPERS'		RESPONSIBILITY RE TO COMMENCE		GN ENGINEER. IL START-UP MEETING	G
RS COST.	REQUIREMENTS	S HAVE BEEN MA	ADE WITH THE	CRELEVANT ASSET INSPECTOR.	
O COMPLETE ALL, OR A PORTION OF, THE OTING AND PAYMENT FOR THOSE WORKS		TEETO LOM	BARDO	DEC 16, 2024	
			FOR MAN	AGER, DEVELOPMENT SERVICES	
UGUSTA MARGARET RIVER	C)R32-2	203-0	02-01A	
185839972	DRAWN			WAPC No.	
ROAD	L.VU DESIGNED			200656 SCALE @ A1	
GE 01A	B.WHITFIELD			1:500	Н
TION PLAN	PROJECT MANA B.WASHFOLD			DATUM CO-ORDS AHD71 MRCG94	
		^{№.} 2318.01A		ING NO. REVISION	4
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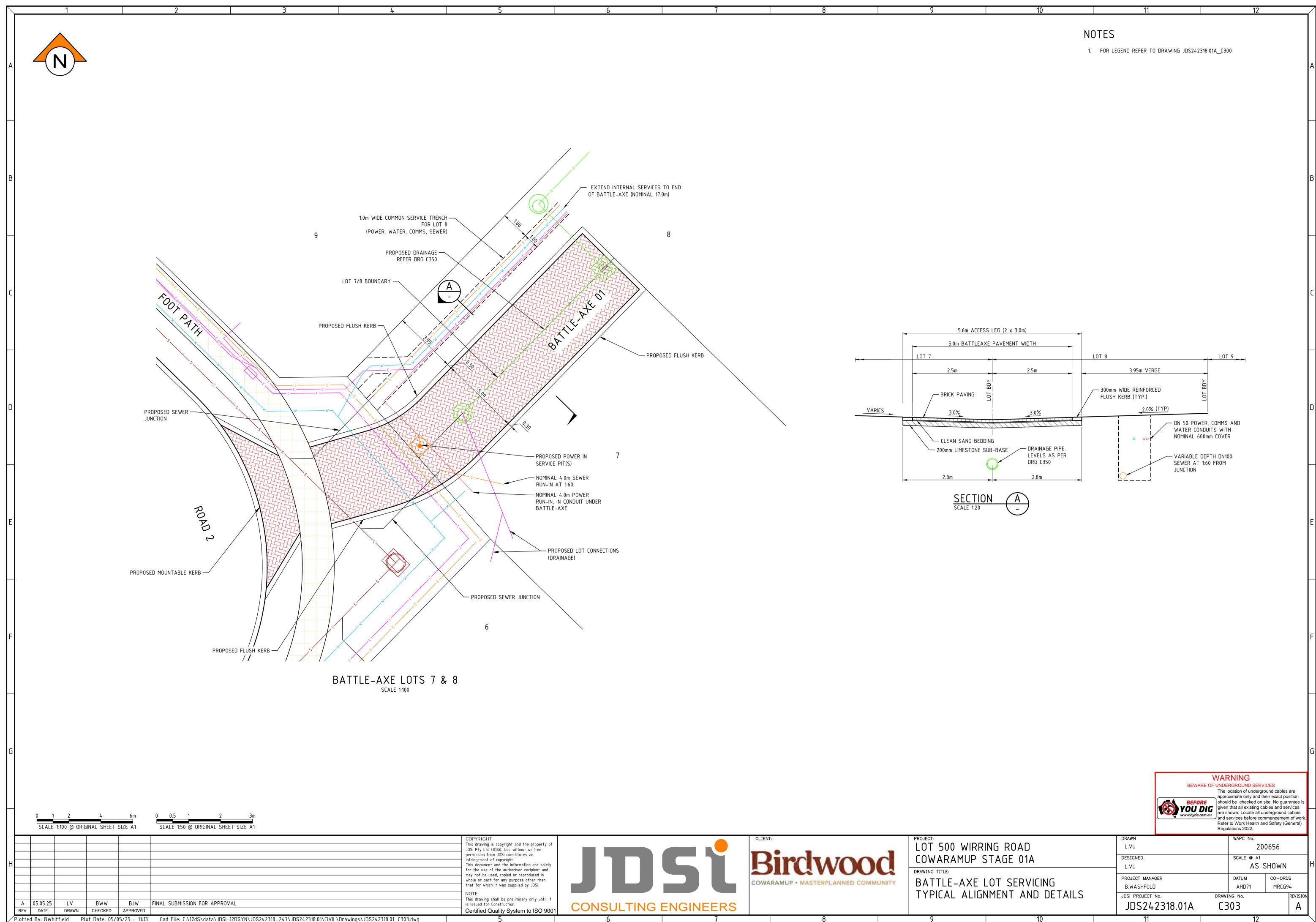
Plotted By: BWhitfield Plot Date: 05/05/25 - 11:04 Cad File: C:\12dS\data\JDSI-12DSYN\JDS242318_247\JDS242318.01\CIVIL\Drawings\JDS242318.01_C300-C302.dwg

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NC	DTES			
1.	THIS DRAWING SHALL		INCTION WITH THE CONTRACT	
	DRAWINGS AND SPECIF			А
2.	REFER TO DRAWING JD	S242318.01A_C300	FOR NOTES AND LEGEND	
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		BEWA	WARNING RE OF UNDERGROUND SERVICES	
		BEFO	The location of underground ca approximate only and their exa should be checked on site. No	ct position guarantee is
		YOU	DIG given that all existing cables an are shown. Locate all undergro	nd services ound cables
			and services before commence Refer to Work Health and Safe Regulations 2022.	ty (General)
	DRAWN		WAPC No.	
ROAD	L.VU DESIGNED		200656 SCALE @ A1)
GE 01A	L.VU		1:500	Н
TMENT PLAN	PROJECT MANAG B.WASHFOLD			-ords RCG94
	JDSi PROJECT I	No.	DRAWING No.	REVISION
		2318.01A	C301	В
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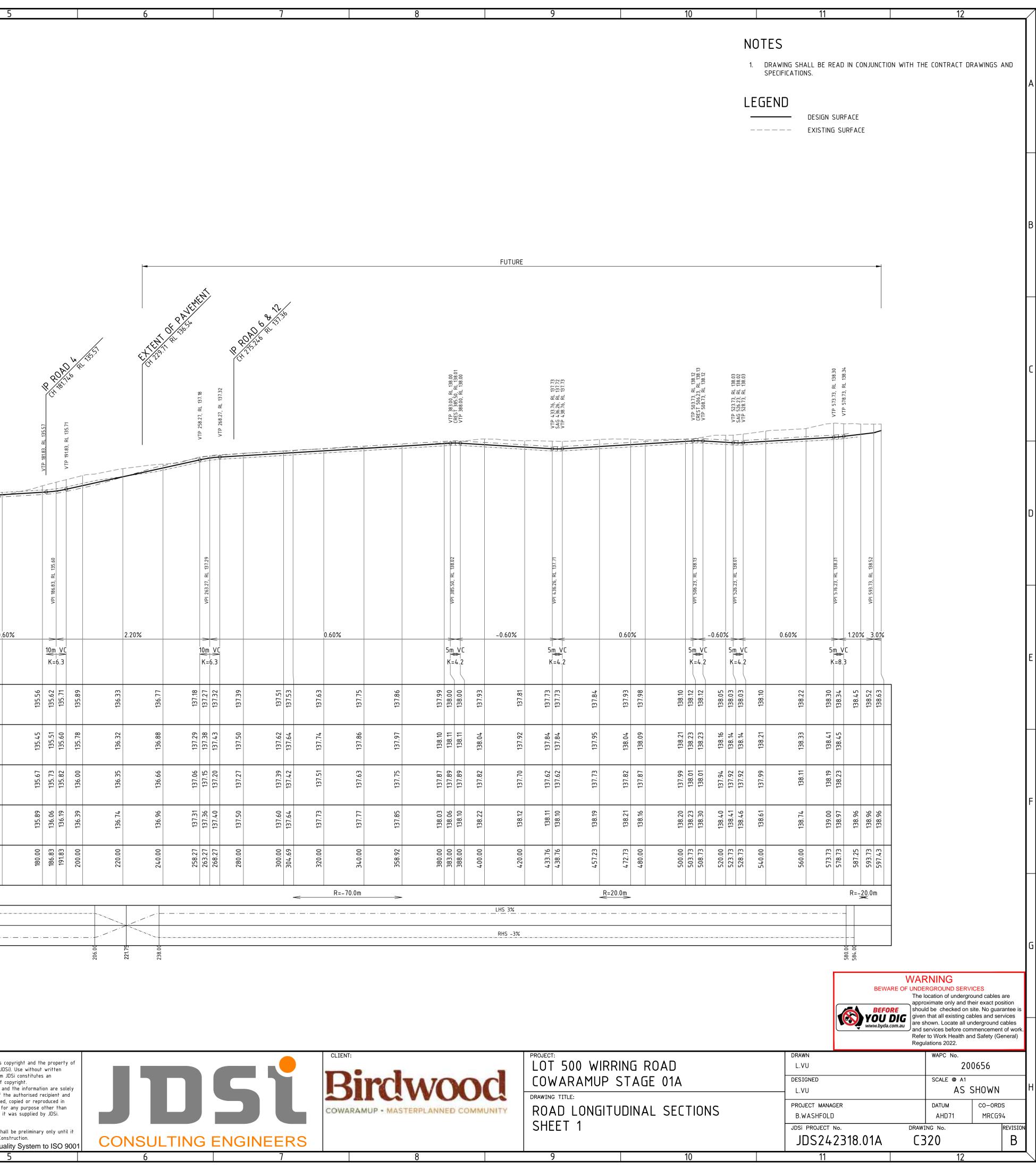
Plotted By: BWhitfield Plot Date: 05/05/25 - 11:04 Cad File: C:\12dS\data\JDSI-12DSYN\JDS242318 247\JDS242318.01\CIVIL\Drawings\JDS242318.01 C300-C302.dwg

NC	TES				
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\			WARNING UNDERGROUND SER The location of underg	round cables are	
			approximate only and t should be checked on	their exact position site. No guarantee is ables and services	L
		YOU DIG www.byda.com.au	are shown. Locate all u and services before co Refer to Work Health a	underground cables mmencement of work.	
	DRAWN		Regulations 2022.		•
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JE 01A	DESIGNED L.VU		SCALE @ A1	:200	Н
D DETAILS	PROJECT MANAGE B.WASHFOLD	ĒR	DATUM AHD71	CO-ORDS MRCG94	1
	JDSi PROJECT N		DRAWING No.	REVISION	1
10	JUSZ42	2318.01A	C302	B	ſ



L		SUPER ELEVATION		FI Ε V Δ ΤΙΩΝ									
					JOI LI			_ · _ ·				LHS3%	
I	G			L				16.00					
					LONGIT scale horiz vert		N ROAE) 1					
ľ		0 10 SCALE 1		40 GINAL SHEET	60m SIZE A1	0 1 2 SCALE 1:100 @ ORIGINAL	4 6m SHEET SIZE A1						
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	Н												infringement of a This document ar
													for the use of t may not be used
													whole or part fo that for which it
	В	05.05.25	CS	BWW	BJW	FINAL SUBMISSION FOR API	PROVAL						NOTE
	А	20.12.24	LV	BJW	BJW	INITIAL SUBMISSION FOR AF	PROVAL						This drawing sha is Issued for Con
	REV	DATE	DRAWN	CHECKED	APPROVED								Certified Qua
	Plotte	d By: BWhi [.]	tfield Pl	ot Date: 05/	′05/25 – 11:15	Cad File: C:\12dS\data\.	DSI-12DSYN\JD)S242318	247\JDS242318.01\	.CIVIL\Drawings	JDS242318.01	C320–C321.dwg	

	VTP 2.94, RL 132.26	AVERET	AA 157.74, HT 157.74,	VPI 33.85, RL 133.24	VTP 38.85, RL 133.34				10 AD 2 R 31		CI.251 XI 729.421 YUY 129.42, KL 135.30		VTP 144.42, RL 135.35		
GRADE (%)	3.41%	3.41%	2.8	0%				2.0%						0.	60%
VC LENGTH / K VALUE				10m K=12							<u>15</u> п к-	V <u>(</u> 10.7			
DATUM RL 126.0															
CENTRE LINE	132.16	132.84	133.10	133.23	133.34	133.77	134.17	134.57	134.97	135.15	135.28	135.31	135.35	135.44	
DESIGN LEVEL															
LEFT EDGE		132.73	132.99	133.12	133.23	133.65	134.05	134.45	134.85	135.04	135.17	135.20	135.24	135.33	
		95	21	34	-1-1	88	28	28	80	27	39	42	9+	55	
RIGHT EDGE		132.95	133.21	133.34	133.45	133.88	134.28	134.68	135.08	135.27	135.39	135.42	135./	135.55	
EXISTING		133.04	3.24	133.34	3.43	133.91	4.53	134.85	135.07	135.13	5.18	135.20	5.24	135.39	
SURFACE LEVEL		13	13.	13	<u>۳</u>	£	134.) Ĵ	Ę.	13	1	13	13.	<u>(</u>	
CENTRE LINE	0.00	20.00	28.85	33.85	38.85	60.00	80.00	100.00	120.00	129.42	136.92	40.00	144.42	160.00	
CHAINAGE								-		1		-	11	-	
HORIZONTAL ALIGNMENT															
SUPER ELEVATION									RHS 3%				···-		
		9.00			·				LHS3%					· · <u> </u>	
		16													



4																
3																
		R RO	AD 2 134-19	/				R CH OF T	++2-22-22			135.93	136.08			206.26, RL 136.91
		134.38 SAG 3.70, RL 134.38										RL 135.99 11	001 VTP 161.26, RL			VPI 211.26, RL 137.00
_	GRADE (%) VC LENGTH / K VALUE	-00 VPI 3.70, RL 134				1.0	5%					10m V K=12.5		1.85%		10 K =
_	DATUM RL 129.0 CENTRE LINE DESIGN LEVEL	134.49 134.38	134.55	134.76	134.97	135.18	135.23	135.39	135.60	135.81	135.93	136.00	136.42		136.91	136.99
-	LEFT EDGE		134.46	134.67	135.00	135.27	135.32	135.48	135.69	135.90	136.02	136.09 136.15	136.51		137.00	137.08
	RIGHT EDGE		134.64	134.85	134.95	135.09	135.13	135.28 دد عد	135.51	135.72	135.84	135.91 135.97	136.33		136.82	136.90
	EXISTING SURFACE LEVEL	134.79	134.74	134.66	134.71	134.90	134.94	135.26 15.26	135.56	135.91	136.13	136.18 136.28	136.71		137.15	137.24
:	CENTRE LINE CHAINAGE	0.00 3.70	20.00	40.00	60.00	80.00	84.50	100.00 100.00	120.00	14.0.00	151.26	156.26 160.00	180.00		206.26	211.26
	HORIZONTAL ALIGNMENT							_R=12.0m_>	-						R=-	-20.0
	SUPER ELEVATION			RHS_3%			· · _				LHS_3	· ·		· · <u> </u>	·	
-	LONGITUDINAL SECTIO SCALE HORIZ 1 : 1000 VERT 1 : 100	m 0	1 2	4 DRIGINAL SH	6m EET SIZE A1											
H B A REV Plotte	Image: Constraint of the second sec	W INITIAL OVED	SUBMISSION . SUBMISSION I File: C:\12d	N FOR APPR		.2318 2	47\JC	DS242318.	01\CIVIL\Dr	awings\JDS24	2318.01	(320-	-C321.dwa	The second secon	OPYRI his drav Si Pty rmissio fringem his docu r the u ay not hole or at for OTE his drav Issued ertifie	wing Ltd on from ument use of be u be u part whic wing for

shall be preliminary only until it Construction. ality System to ISO 9001

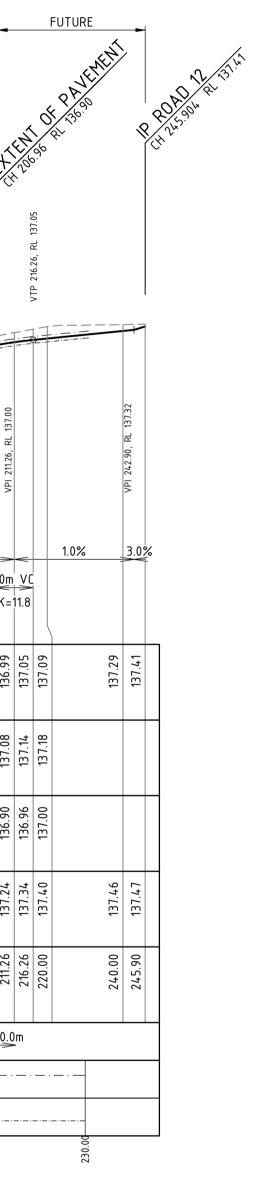
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LOT 500 WIRRING R COWARAMUP STAGE DRAWING TITLE: ROAD LONGITUDINAL SHEET 2

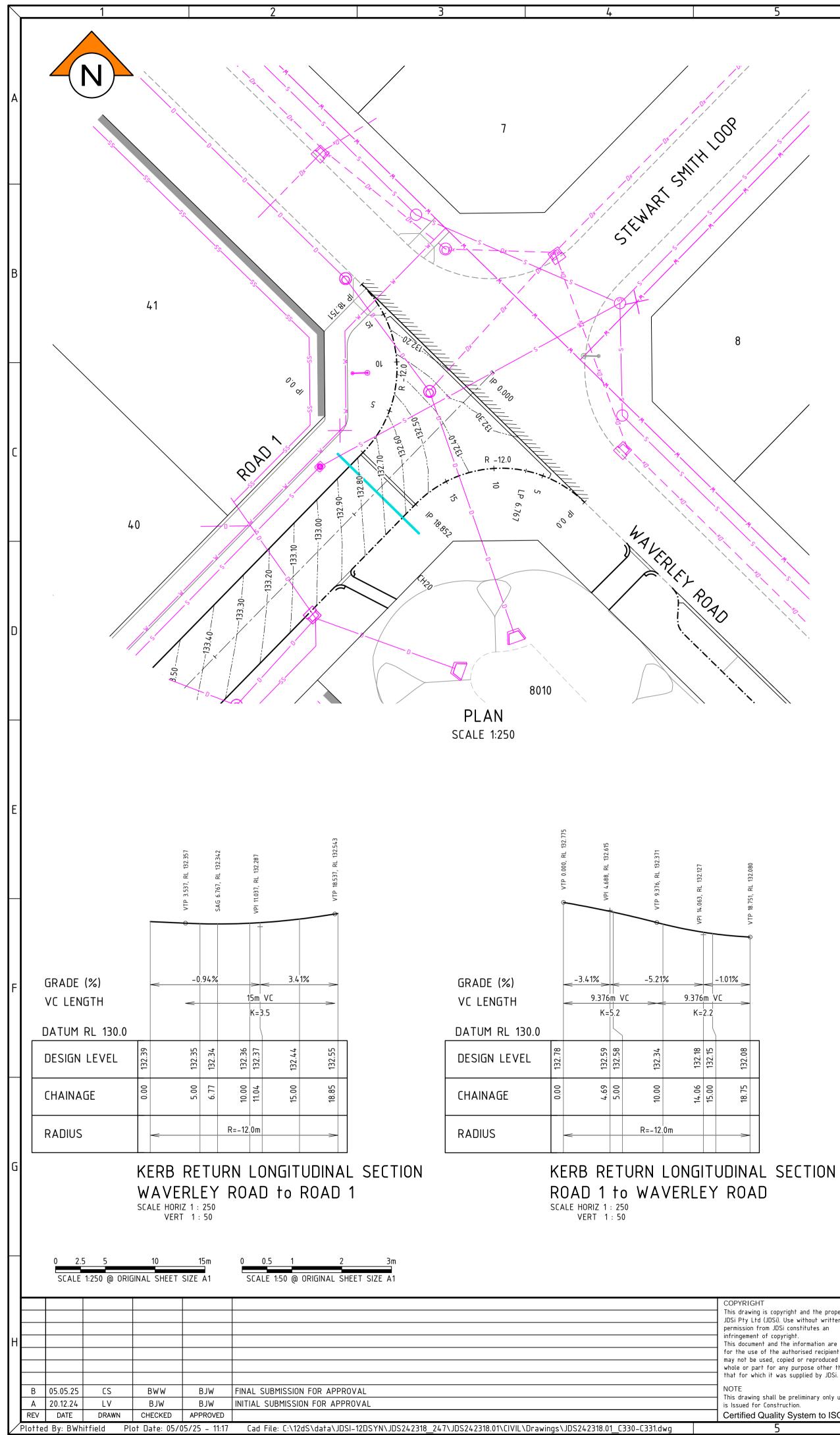
FUTURE

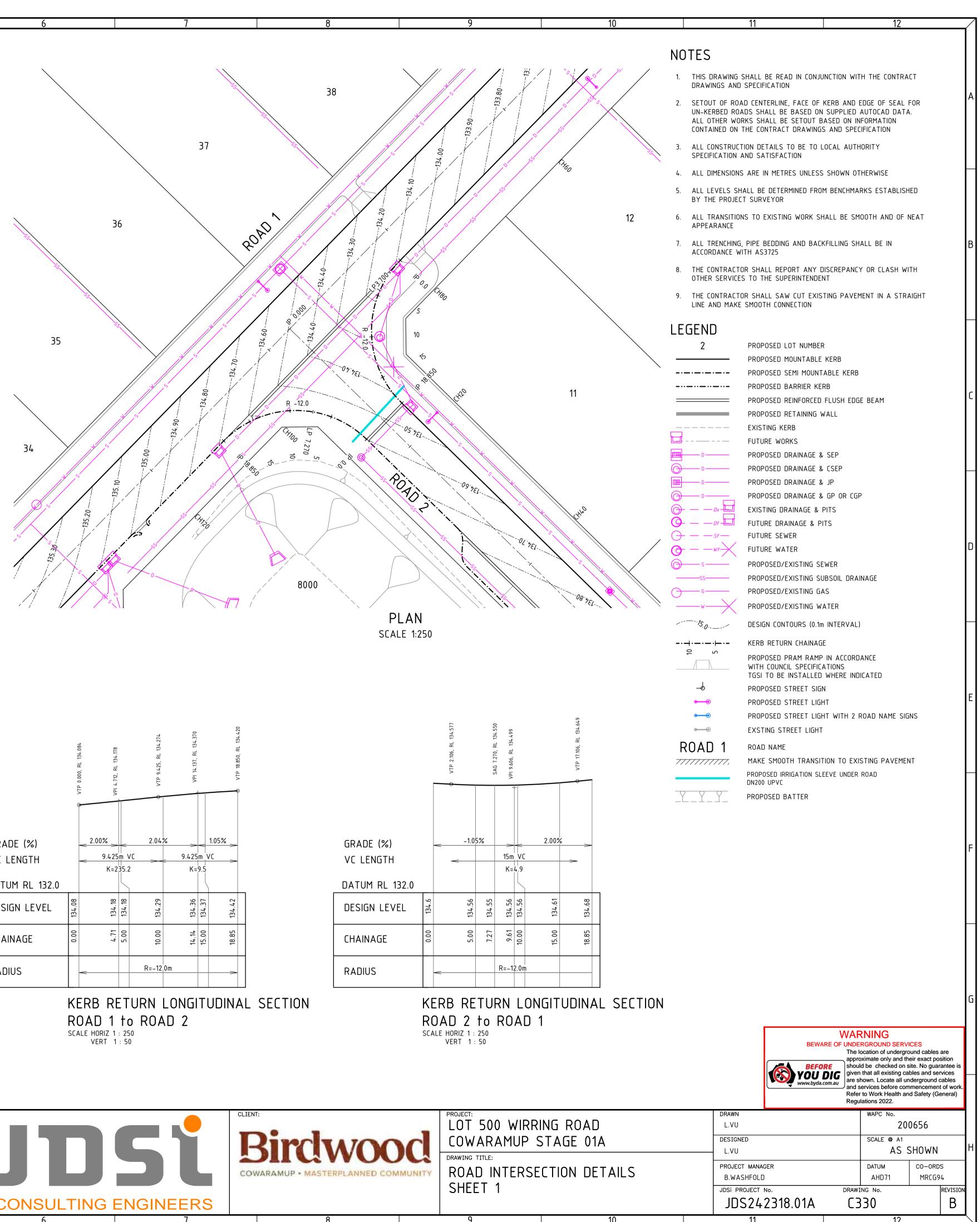
LONGITUDINAL SECTION ROAD 4 SCALE HORIZ 1 : 1000 VERT 1 : 100

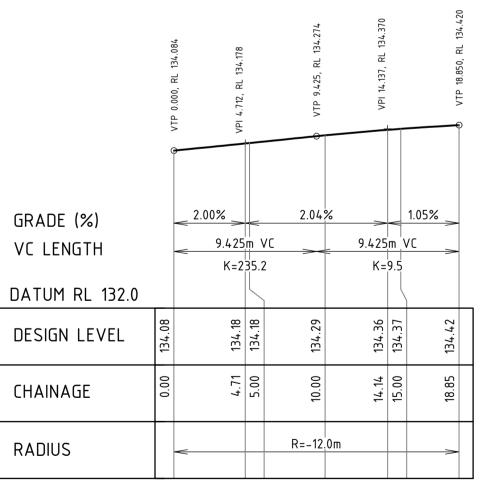


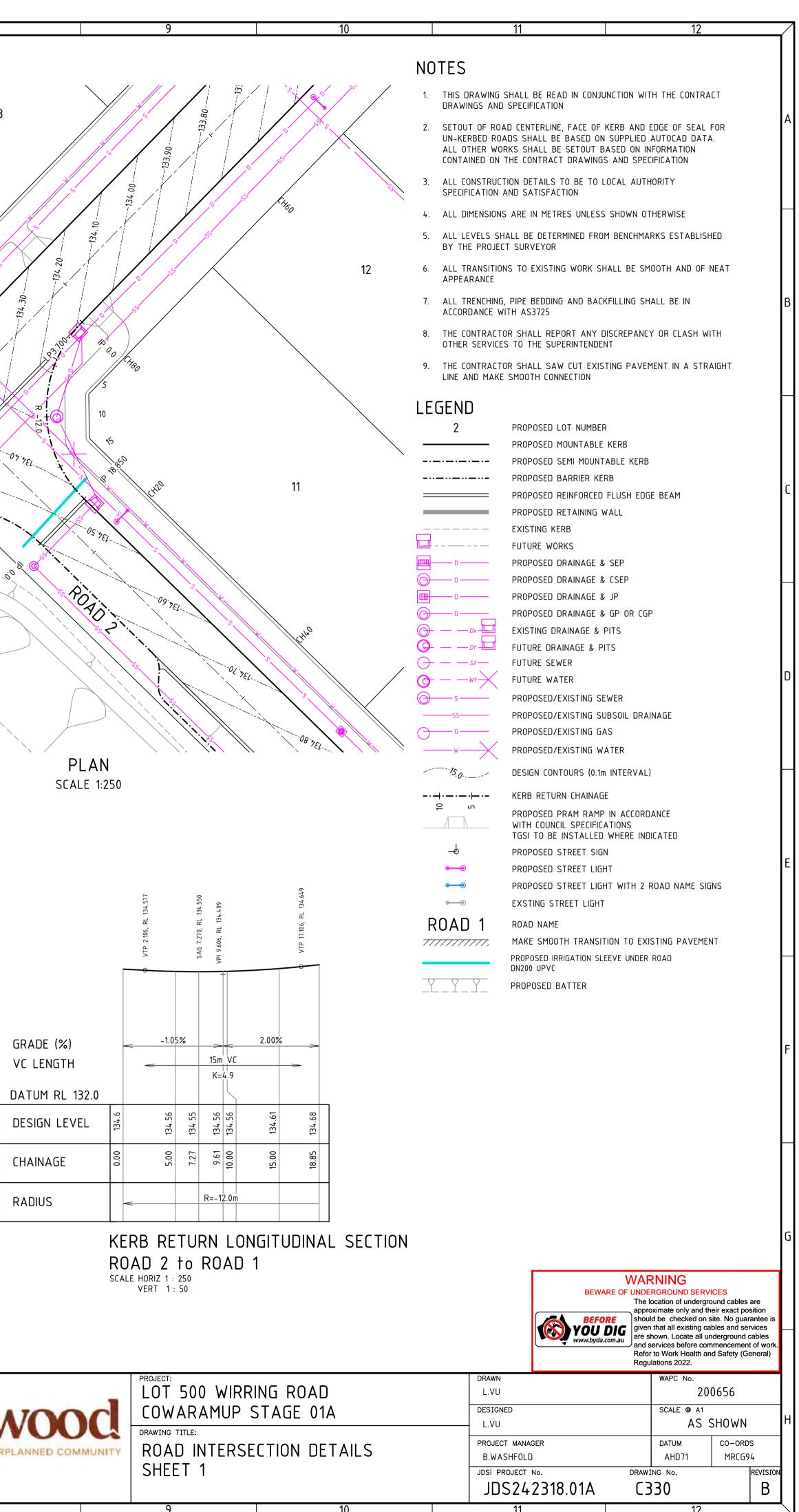
										ł	-		*	FUTUR	E				->
	4	R CH	AD R	ASS.						ų į	THU OF		HILLI'S CONTRACTOR						
				VTP 20.70, RL 135.87				PH VIP 6/.54, RL 136.15 CREST 70.15, RL 136.16	VTP 77 54 RI 136 10										
		VPI 3.70, RL 135.68	VPI 18 20 RI 135 86					VPI 72.54, RL 136.18											
GRADE (%)	3	3.0%	1.20%	<	0.60%			>	<					-1.70%					
VC LENGTH / K VALUE			5m_ K=					10m K=	۷C 4.3										
DATUM RL 129.0																			
CENTRE LINE DESIGN LEVEL	135.57	135.68	135.83 135.83	יסייני סס קנו		136.11	136.15	136.16	136.10	135.98	135.72	135.66	135.38		135.04	134.70	134.64	134.42	134.36
LEFT EDGE			אם קבו	מטאבו		136.20	136.24	136.25	136.19	136.07	135.81	135.75	135.29		134.95	134.61	134.55		
RIGHT EDGE			135.74 135.74			136.02	136.06	136.07	136.01	135.88	135.60	135.56	135.47		135.13	134.79	134.73		
EXISTING SURFACE LEVEL	135.93	135.96	135.98	ביירי ביאבי ביאבי		136.37	136.36	136.37	136.41	136.45	136.23	136.18	135.93		135.50	135.02	134.93	134.56	134.48
CENTRE LINE	0.00	3.70	15.70			60.00	67.54	72.54	77.54	84.50	0.00	103.35	120.00		14.0.00	160.00	163.27	176.36	180.00
CHAINAGE						9	9			8	10	10	12		14	16	16	17	18
HORIZONTAL ALIGNMENT	1	1	I				1	1			R=12.0m	>		1			R=	=-30.0m	<u>ו</u> ו
	1		_		· · <u> </u>	LHS	5_3%_					·			RHS 3%				
SUPER ELEVATION						RHS	-3%							· · · ·	LHS -3%		. –		
			16.00									104.00	112.50				- 00.49	168.00	

		10		11				12			7
				NG SHALL BE READ ICATIONS.) IN CONJUNCTIO	N WITH TH	E CONTF		DRAWINGS	AND	
			LEGEN) — Design Sur — Existing Su							A
											в
					R ROAD	V (35.7.					С
						CR:261 - N2.04, RL 135.55	SAG 30.00, RL 135.15				
					<u>3.30, RL</u>	VPI 13.30, H					D
134.61 134.65 134.64			GRADE (%) VC LENGTH / DATUM RL 129 CENTRE LI DESIGN LE	0.0 INE EVEL	135.30 135.39 135.51 × Act		135.55	135.56 135.49 135.23 135.15			E
135.02 134.79 163.27 134.93 134.73	134.56 134.48		RIGHT EDO EXISTING SURFACE CENTRE LI CHAINAGE HORIZONTAL A	LEVEL INE	8.00 135.04 3.00 135.04 3.30 135.04	T S B.30 135.02 135.02 135.10 Image: S Image: S	134.91 134.91 18.30 134.91	20.00 134.89 135.58 30.00 134.74 135.24	134.73		F
	168.00		SUPER ELEVA		DN BATT	LE-A	XE ()1			G
	NG ROAD)		DRAWN L.VU	BEWAR	RE OF UNDE The la appro shoul given are sl and s Refer	ocation of eximate or d be che that all ex hown. Loc ervices be	D SER underg ly and cked on kisting c cate all t efore cc Health a 22.	VICES round cables their exact po site. No gua cables and se underground ommencemer and Safety (G	osition rantee is ervices cables nt of work.	
UP S	DINAL SE	A	S	DESIGNED L.VU PROJECT MANAGER B.WASHFOLD JDSI PROJECT No. JDS2423			SCALE DATUM AHD NG No. 21	@ A1 AS	SHOWN CO-ORE MREGS)S	H

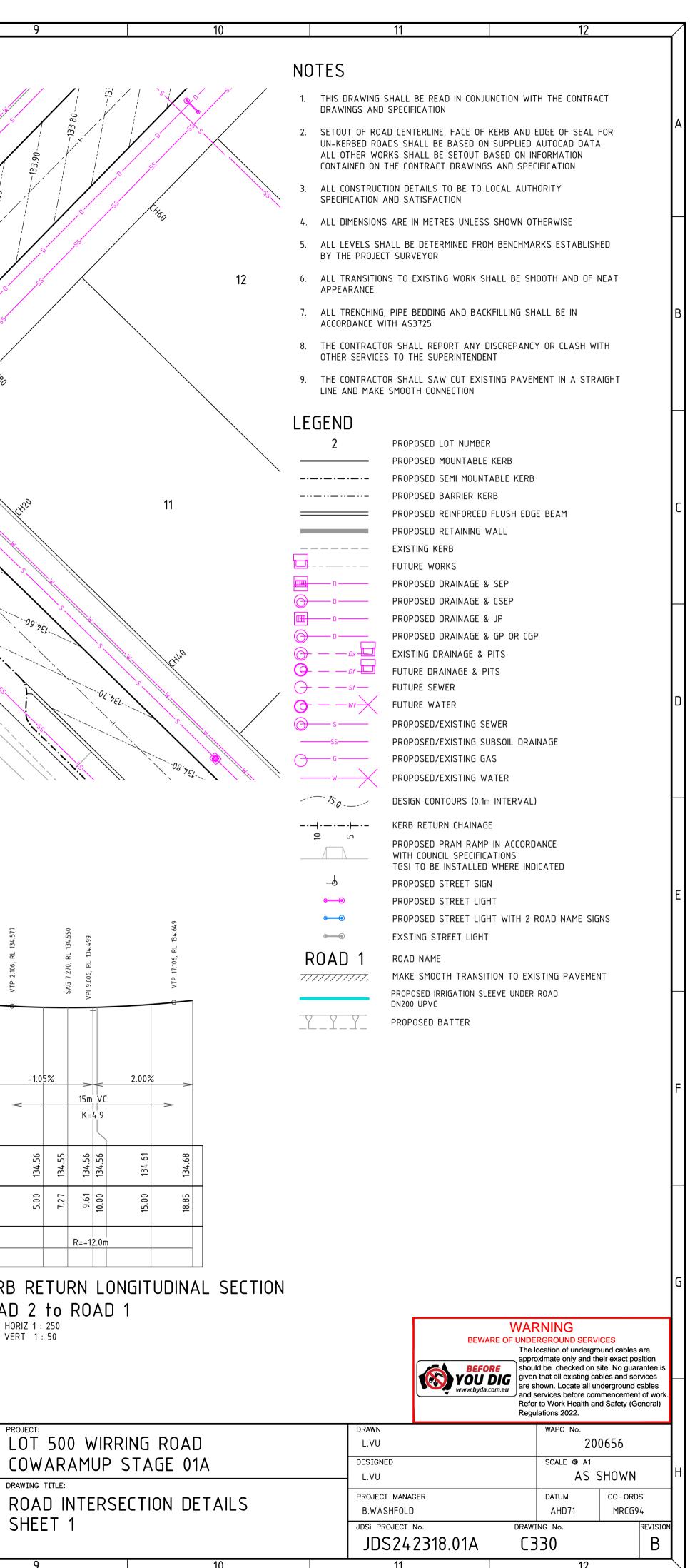


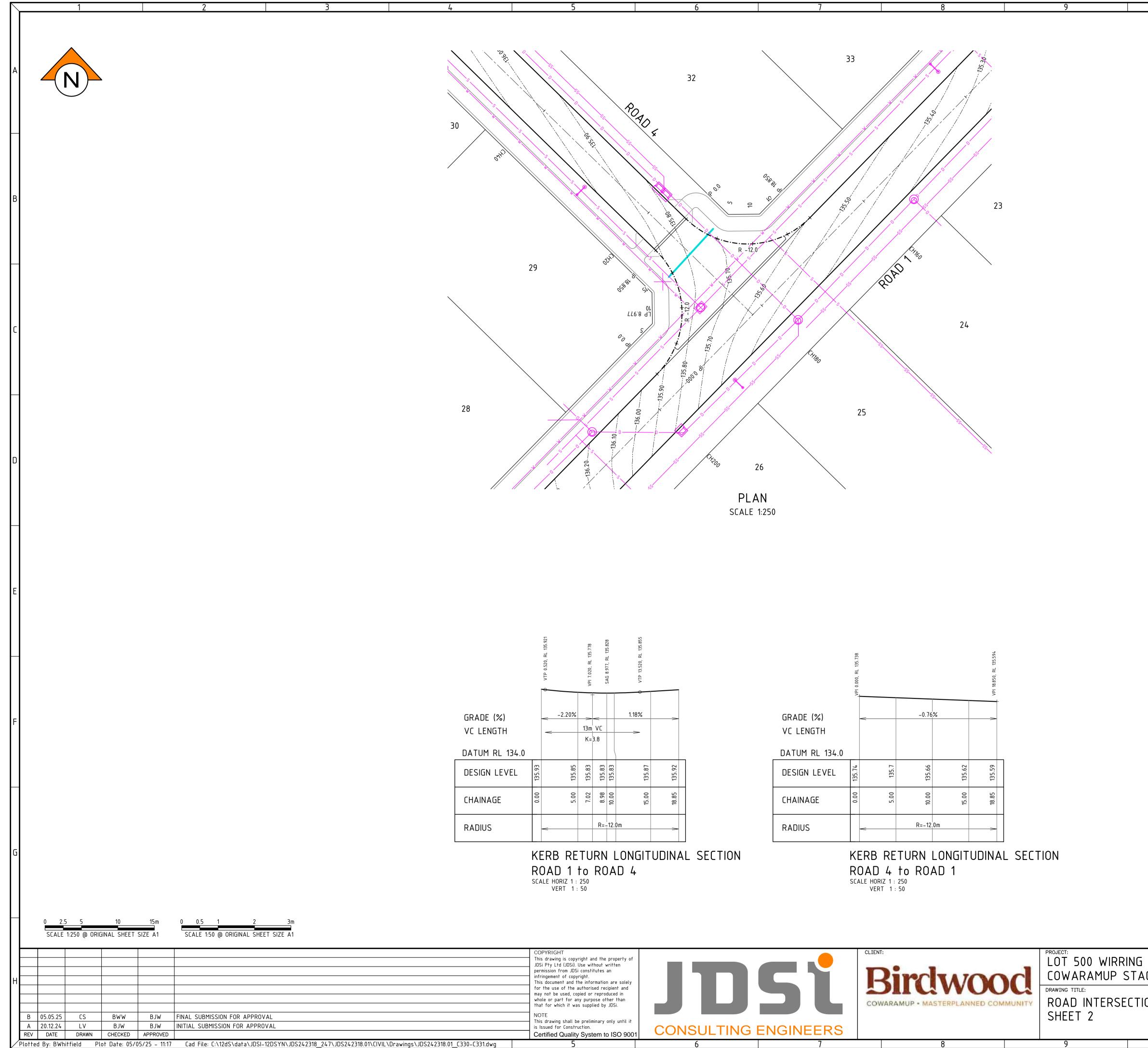






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NOTES

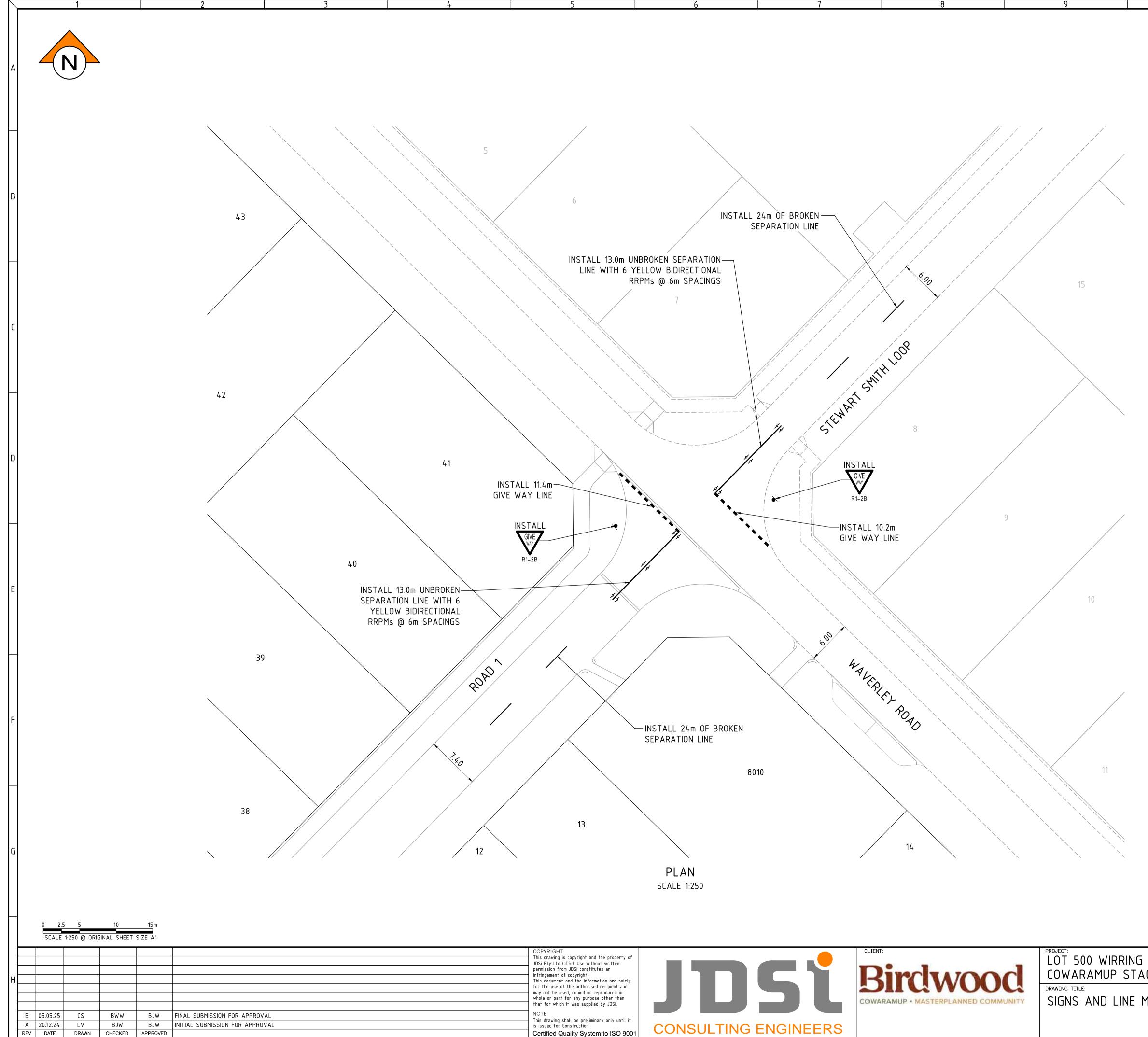
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE CONTRACT DRAWINGS AND SPECIFICATION

12

2. REFER DRAWING JDS242318.01A_C330 FOR NOTES AND LEGEND.

		BEWA BEFO POU www.byda.	Com.au The I appro shoul given are s and s Refer	RGROUND SERV ocation of undergr oximate only and th d be checked on a that all existing ca hown. Locate all un services before cor to Work Health ar lations 2022.	ound cables are heir exact position site. No guaranted ables and services inderground cable nmencement of w	e is s s vork.
ROAD GE 01A	DRAW L.V DESIG	U		WAPC No. 20 SCALE @ A1	0656].
	L.V	U		AS	SHOWN	H
ON DETAILS		ECT MANAGER (ASHFOLD		DATUM AHD71	CO-ORDS MRCG94	
		^{project} №.)S242318.01A		NG No.	REVI E	sion B
10		11		12		

WARNING



Plotted By: BWhitfield Plot Date: 05/05/25 - 11:18 Cad File: C:\12dS\data\JDSI-12DSYN\JDS242318 247\JDS242318.01\CIVIL\Drawings\JDS242318.01 C340.dwg

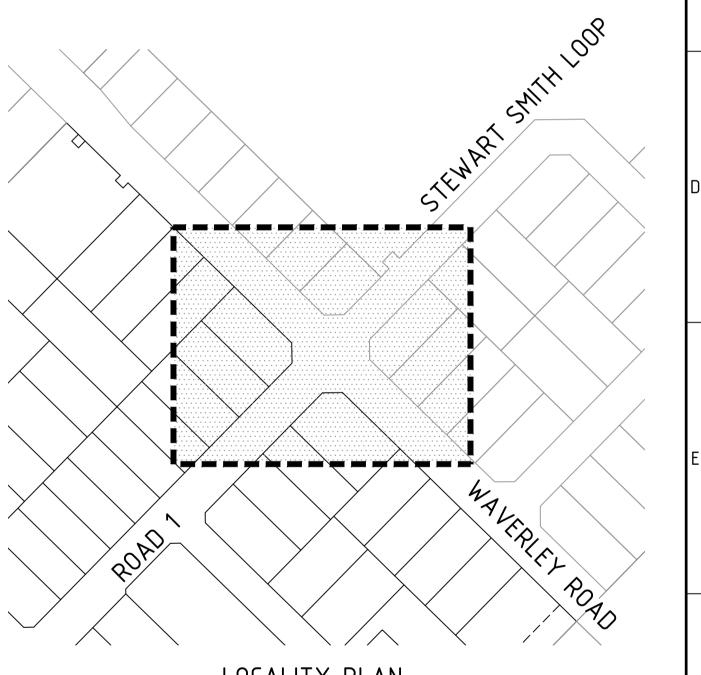
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NOTES

- 1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE CONTRACT DRAWINGS AND SPECIFICATION
- 2. ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE
- FOR PAVEMENT MARKING LINE TYPES REFER TO MRWA STANDARD DRG 9931-0198
- 4. FOR DIAGONAL MARKING DETAILS REFER TO MRWA STANDARD DRG 200331-091
- 5. FOR RAISED RETRO-REFLECTIVE PAVEMENT MARKER LOCATIONS REFER TO MRWA STANDARD DRG 9120-158
- ALL LINEMARKING AND SIGNS TO BE INSTALLED AS PER MRWA SPECIFICATIONS AND BY MRWA APPROVED CONTRACTORS.
 CONTRACTOR TO PROVIDE:
- 7.1. PVC SLEEVES (150mm) WHERE SIGNS ARE LOCATED WITHIN PAVED AREAS
 7.2. SPOTTING TO MRWA GUIDELINES AT THE PROPOSED POSITIONS OF PAVEMENT MARKINGS

LEGEND

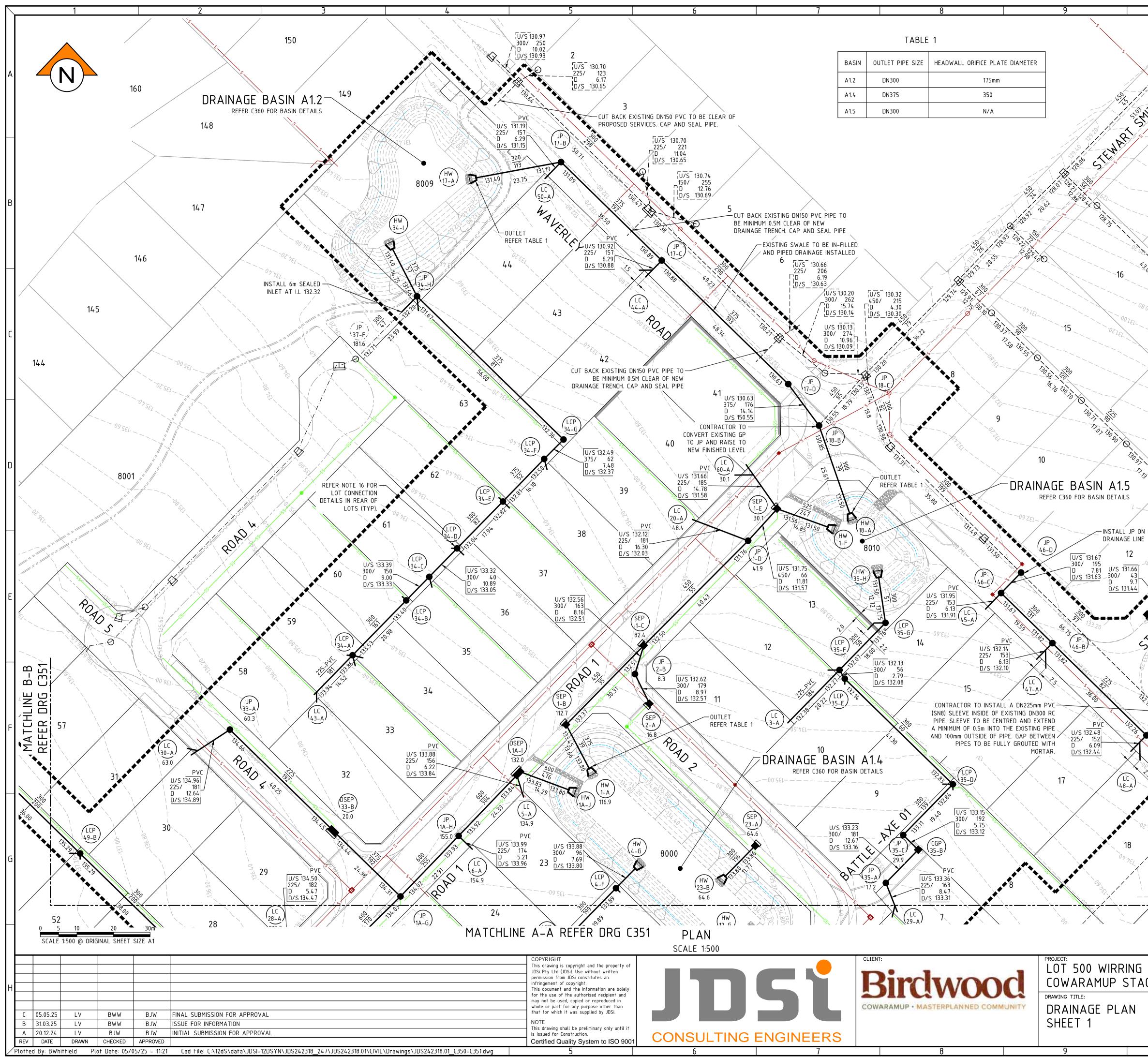
	PROPOSED LINEMARKING
	PROPOSED EDGE OR ROAD
	EXISTING EDGE OF ROAD
*	YELLOW BIDIRECTIONAL RAISED PAVEMENT MARKER
Þ	PROPOSED SIGN POST
þ	EXISTING SIGN POST



LOCALITY PLAN

	BEWA	DIG given that all existing ca	ound cables are heir exact position site. No guarantee is ables and services nderground cables nmencement of work.
ROAD GE 01A	DRAWN L.VU DESIGNED	WAPC No. 20 SCALE @ A1	0656
de ont	L.VU	1:	250 H
1ARKING PLAN	PROJECT MANAGER B.WASHFOLD	DATUM AHD71	CO-ORDS MRCG94
	JDSI PROJECT No. JDS242318.01A	DRAWING No.	REVISION B
10	11	12	

WARNING



10			11		12	
	NO	TES	·			
120-00	1.	THIS DRAWING S AND SPECIFICATI	HALL BE READ IN CONJUNC ON	TION WIT	H THE CONT	RACT DRAWINGS
OR	2.	UN-KERBED ROAI XBASE_JDS2423	D CENTERLINE, FACE OF KER DS SHALL BE BASED ON SU 18.01 DATA. ALL OTHER WO NTAINED ON THE CONTRACT	UPPLIED A ORKS SHA	AUTOCAD ALL BE SETC	UT BASED ON
51.03 ATT 0 5.	З.		ON OF WORKS SHALL BE T			
	4.		ARE IN METRES UNLESS SI	HOWN OT	HERWISE	
	5.	ALL LEVELS SHA PROJECT SURVEY	LL BE DETERMINED FROM E (OR	3ENCHMAF	RKS ESTABL	ISHED BY THE
	6.	ALL TRENCHING, AS3725	PIPE BEDDING AND BACKFIL	_LING SH/	ALL BE IN A	CCORDANCE WITH
	7.		ITS SHALL BE LOCATED AS ON THE DRAWINGS	SHOWN	IRRESPECTI	VE OF PIPE
	8.	AT LOW POINTS THE ROAD PAVE	THE ENTRY PITS SHALL BI MENT	E LOCATE	D AT THE L	OW POINT OF
0200-000000	9.		IT LIDS SHALL BE SET TO ROM THE TOP OF BACK OF		E VERGE SLO	PE, NOMINALLY
5300 5300 500	10.	SEWER PASSES AND KEEL PROVI	LINE INTERSECTS WITH ST OVER THE DRAIN THEN THE DED FOR THE FULL EXTENT XCAVATION FOR THE DRAII	E SEWER T NECESS	SHALL HAVI	E A TIMBER PILE
09.0EL	11.	THE CONTRACTO	R SHALL IMMEDIATELY REP	ORT ANY	DISCREPAN	CY OR CLASH
08'0EL-	12.		TS LOCATED IN THE ROAD		NT SHALL H	AVE
4EL	13.		DSSING LEVELS REFER TO D	JRAINAGE		IAL SECTIONS
Q (39.10 10 Jo.	14.		TYPES AND BRICK PAVING VING FOR DETAILS	3 REMOVE	ED FOR CLAF	RITY – REFER TO
	15.	OF THE LINER SH	ES WHERE MULTIPLE PIPES IALL REMAIN IN ANY HORIZ LIDS TO BE RAISED STEEL	ONTAL P	LANE. ALL F	PITS CLASS 2
	16.	DETAIL	C912 FOR TYPICAL LOT CO	NNECTION	AND LOT C	ONNECTION PIT
13		GEND	LIMIT OF WORKS			
El al	סוס	2 e dia-class	LOT NUMBER			
		GRADE IL	PROPOSED DRAINAGE WIT	H NOTAT	ION	
s to the second s		LENGTH(m) CLASS U/S 00.00	(CLASS IF NOT CLASS 2)			
	_	D/S 00.00 B00/ 0.0 D 0.0 D/S 00.00	UPSTREAM INVERT LEVEL PIPE DIA / GRADE LENGTH DOWNSTREAM INVERT LEV			
JP ON EXISTING E LINE			PROPOSED DRAINAGE			
12 11.66			EXISTING DRAINAGE			
43 9.7 1.44		·····O······	EXISTING DRAINAGE TO BE	e remove	ED	
			FUTURE DRAINAGE EXISTING/ PROPOSED/ FU	TURE SU	BSOIL DRAIN	AGE
		S	PROPOSED/EXISTING/FUTU	JRE SEWE	ĒR	
		•	PROPOSED JUNCTION PIT PROPOSED SIDE ENTRY PI	т		
			PROPOSED SIDE ENTRY PI		Г	
			PROPOSED COMBINATION S			IT
/ <u>[D/S_132.2</u> 0			PROPOSED GULLY PIT			
		(JP 1	PIT TYPE PIT NUMBER			
		CH 0.0	CHAINAGE			
P P		JP DGP	JUNCTION PIT DOUBLE GRATED PIT			
V46-A/		GP	GRATED PIT (TRAPPED WI	HEN IN SV	WALES)	
		SEP CSEP	SIDE ENTRY PIT COMBINATION SIDE ENTRY	/GULLY F	PIT	
		LCP	LOT CONNECTION PIT			
· · · · · · · · · · · · · · · · · · ·		BUP GPT	BUBBLE-UP PIT GROSS POLLUTANT TRAP			
	Y	YY	PROPOSED BATTER			
· · · · · · · · · · · · · · · · · · ·			PROPOSED KERB OPENING DRAWING C911 FOR DETAIL		ТО	
8		-134.00-	PROPOSED/EXISTING/FUTU		OUR	
			1% AEP TWL			
			DEWADE			BVICES
-07'781				The lo appro	ximate only an	rground cables are d their exact position
_/			WWW.byda.com	given are sh and se	that all existing nown. Locate al ervices before	on site. No guarantee cables and services l underground cables commencement of wo and Safety (General)
		DRAWN			ations 2022. WAPC No.	
NG ROAD STAGE 01A		L.VU DESIGNE	D		SCALE @ A	1
		L.VU				1:500
N		PROJECT B.WAS	MANAGER HFOLD		DATUM AHD71	CO-ORDS MRCG94

ER SHALL HAVE A TIMBER PILE ESSARY TO SUPPORT THE ANY DISCREPANCY OR CLASH MENT SHALL HAVE AGE LONGITUDINAL SECTIONS IOVED FOR CLARITY – REFER TO R A LINER A MINIMUM OF 40% PLANE. ALL PITS CLASS 2 CLASS 'D' TO AS3996. FION AND LOT CONNECTION PIT ΓΑΤΙΟΝ 10VED SUBSOIL DRAINAGE EWER ' PIT NTRY/GULLY PIT I SWALES) Υ ΡΙΤ FER TO ONTOUR ARNING IDERGROUND SERVICES The location of underground cables are approximate only and their exact position should be checked on site. No guarantee

JDS242318.01A C350

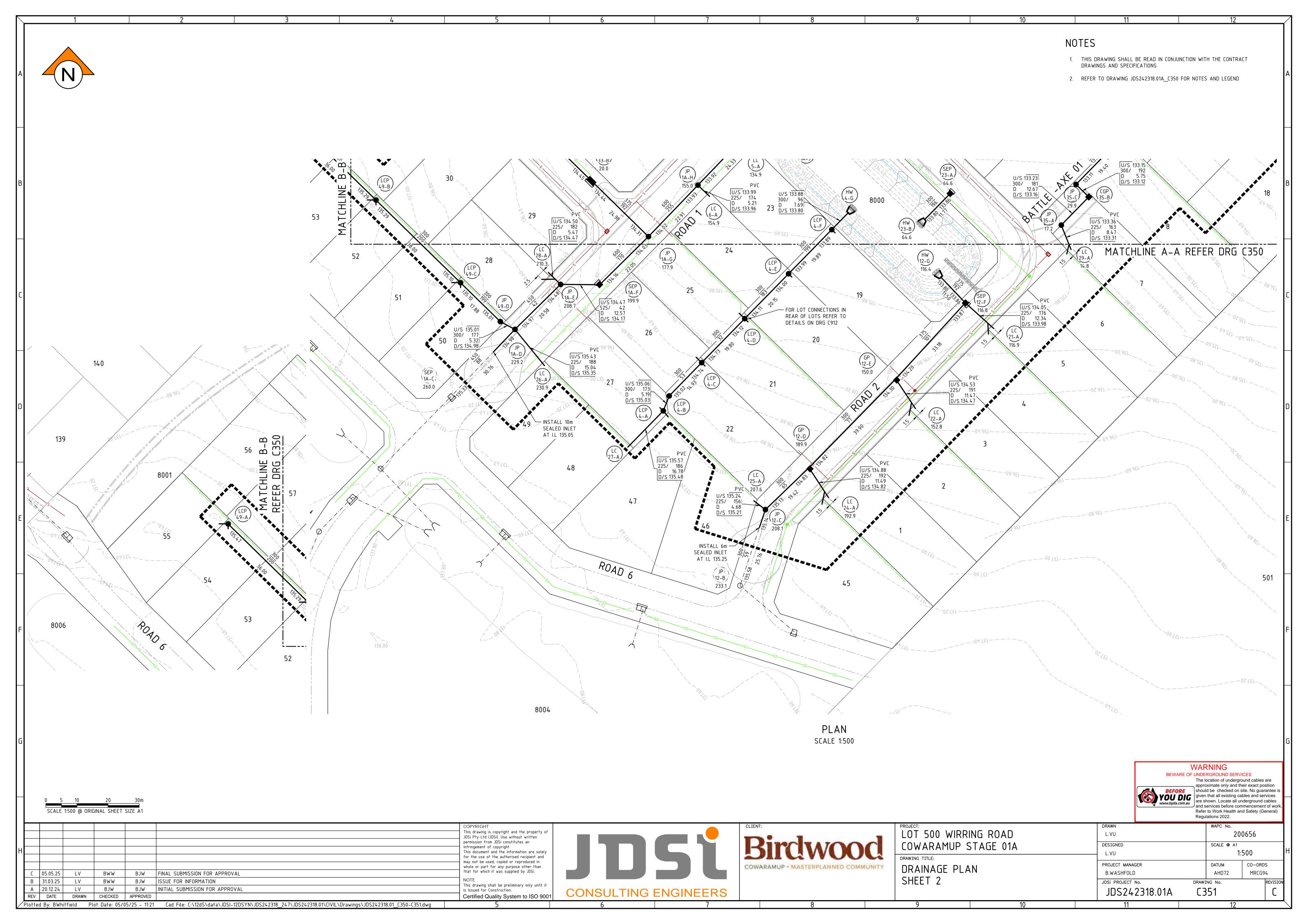
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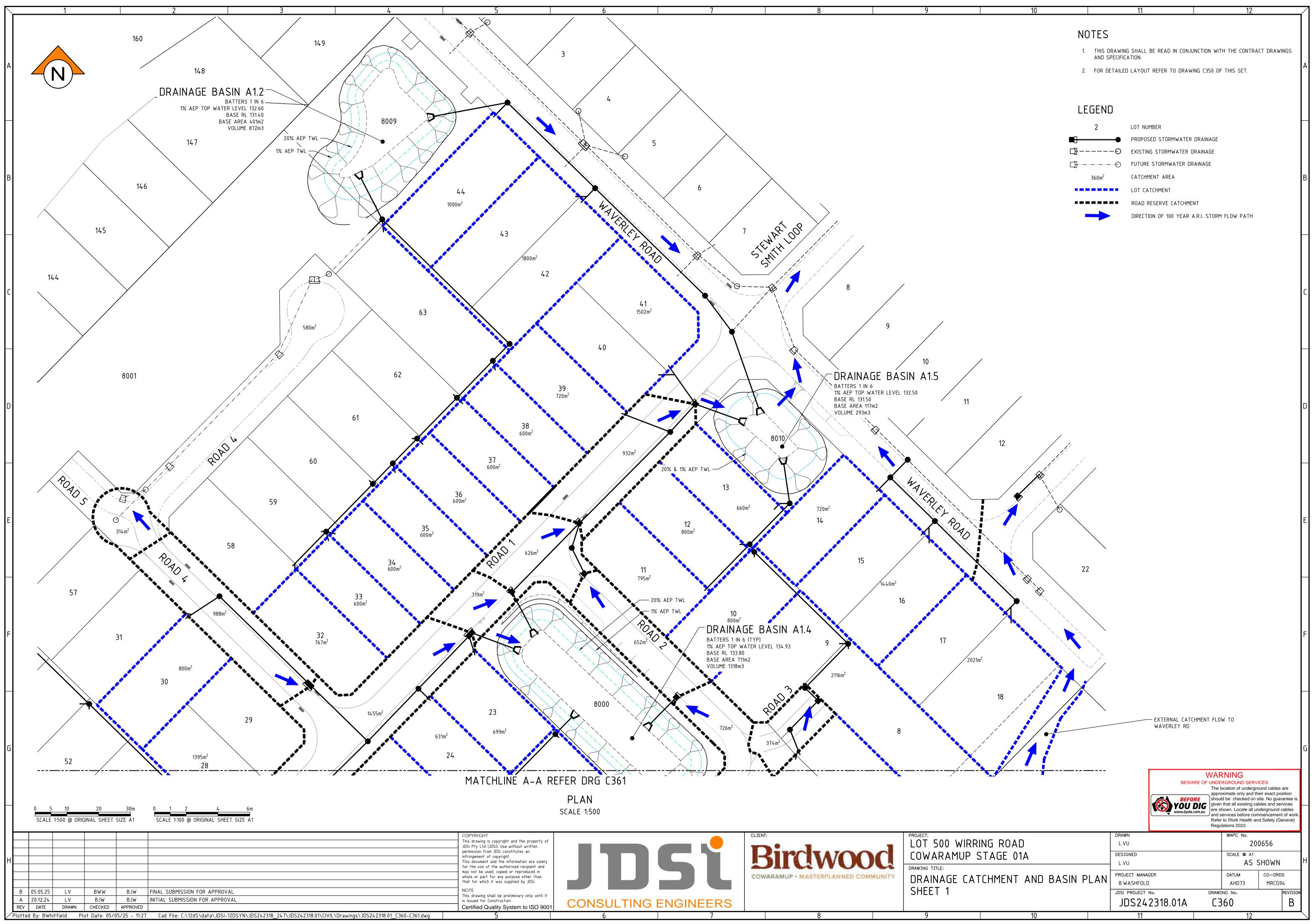
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	to Work Health and Safety (Gen lations 2022.
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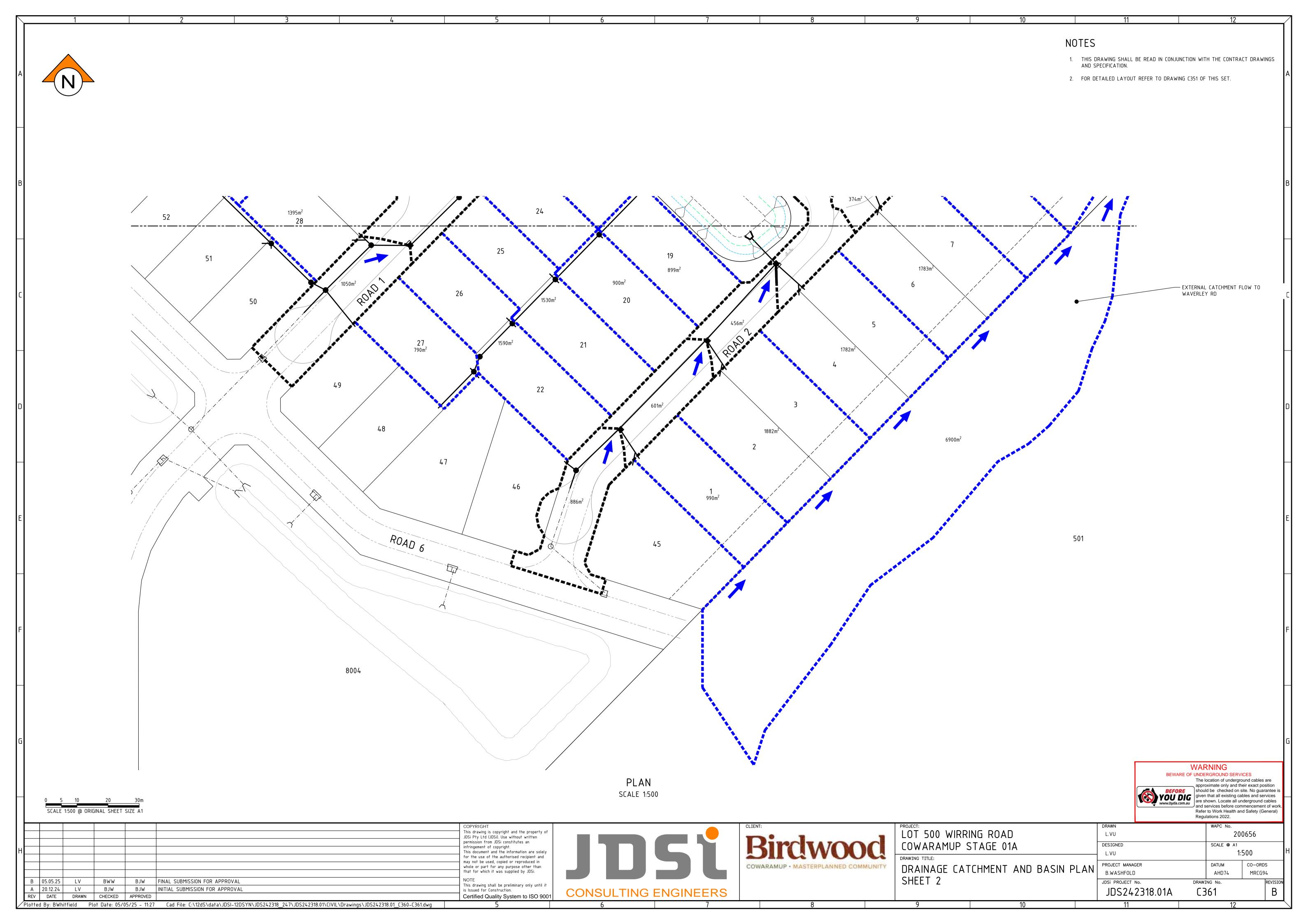
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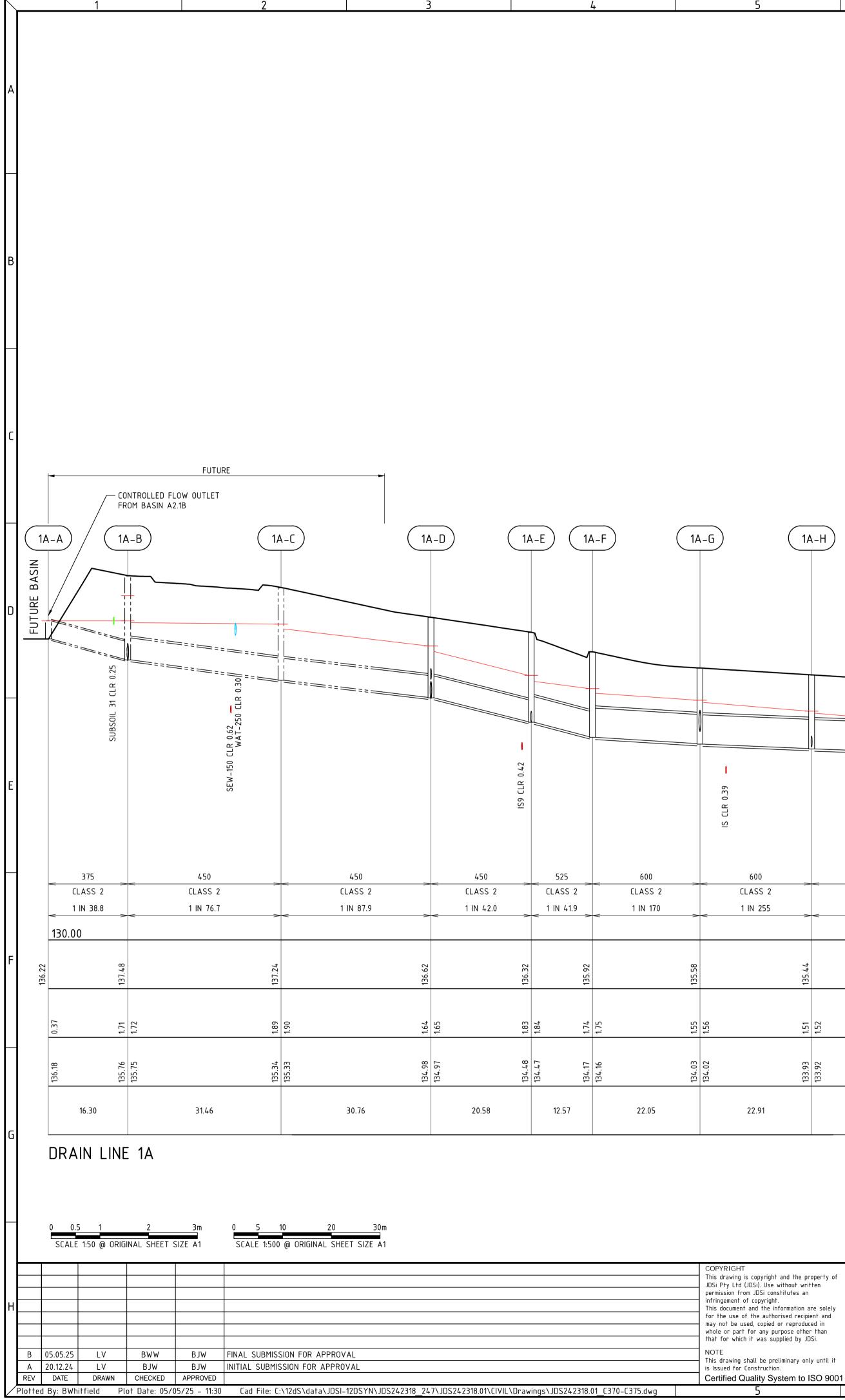






2	LOT NUMBER
	PROPOSED STORMWATER DRAINAGE
□] Ð	EXISTING STORMWATER DRAINAGE
	FUTURE STORMWATER DRAINAGE
360m ²	CATCHMENT AREA
	LOT CATCHMENT
	ROAD RESERVE CATCHMENT
	DIRECTION OF 100 YEAR A.R.I. STORM FLOW PATH





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CONSULTING ENGINEERS



PROJECT: LOT 500 WIRRING ROAD COWARAMUP STAGE 01A DRAWING TITLE: DRAINAGE LONGITUDINAL SECTIONS SHEET 1

DRAIN LINE 1

	Н			A-I)		14	_J
				T			
						Ź	
600 > ASS 2 IN 255 >		600 CLASS 2 1 IN 304	IS8 CLR 0.75		600 LASS 2 IN 476	~ ~	
135.44			135.20			134.24	
1.51	1.52		1.36	1.37			0.60
133.93	133.92		133.84	133.83		133.80	133.80
22.91		24.33			14.29		

	1-	A		-B			-C
CONTROLLED FLOW - OUTLET FROM BASIN A1.4	BASIN A1.4		SUBSOIL 02 CLR 0.22 -			SEW-150 LLK 1.15	
PIPE SIZE (mm)	-	<	375 ASS 2	<	450 CLASS 2	~ >	<
PIPE GRADE	-		N 39.0	<	1 IN 35.2	>	<
DATUM R.L.		128.0	0				
FINISHED SURFACE LEVEL	134.07		134.84			134.24	
DEPTH TO INVERT		0.37	1.39	1.47		1.72	1.73
INVERT LEVEL		133.80	133.45	133.37		132.51	132.50
PIPE LENGTH		1	3.66		30.31		
		א חר					1



		0 0.5 SCALE		2 JINAL SHEET	3m SIZE A1	0 5 10 20 30m SCALE 1:500 @ ORIGINAL SHEET SIZE A1	
Н							COPYRIGHT This drawing is c JDSi Pty Ltd (JD permission from infringement of c This document ar for the use of t may not be used whole or part fo that for which it
	B A REV	05.05.25 20.12.24 DATE	LV LV DRAWN	BWW BJW CHECKED	BJW BJW APPROVED	FINAL SUBMISSION FOR APPROVAL INITIAL SUBMISSION FOR APPROVAL	NOTE This drawing shal is Issued for Con Certified Qua

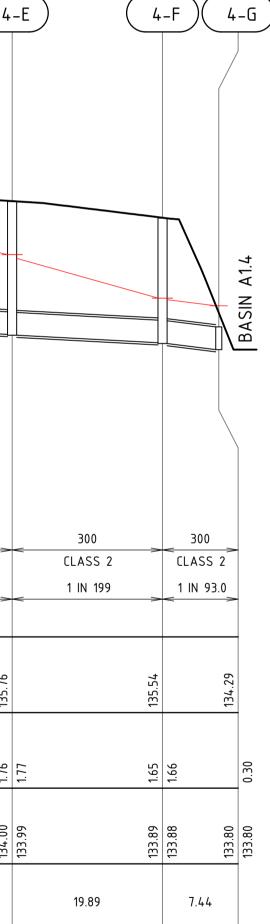
PIPE SIZE (mm) PIPE GRADE	225 CLASS P 1 IN 184		
DATUM R.L.	128.00		
FINISHED SURFACE LEVEL	134.56	134.13	
DEPTH TO INVERT	2.18	1.85 2.05	CV.2
INVERT LEVEL	132.38	132.27 132.07	1 0.201
PIPE LENGTH	20.22		

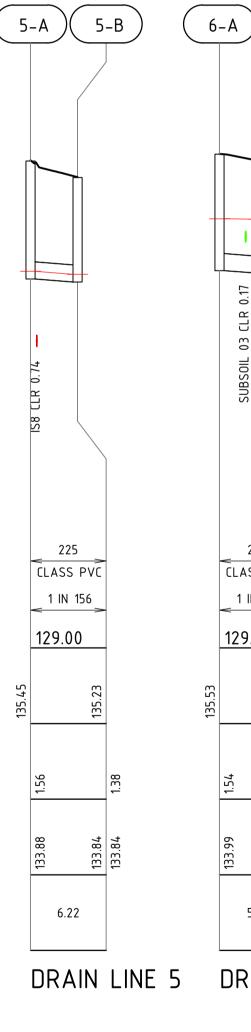
(3-A)

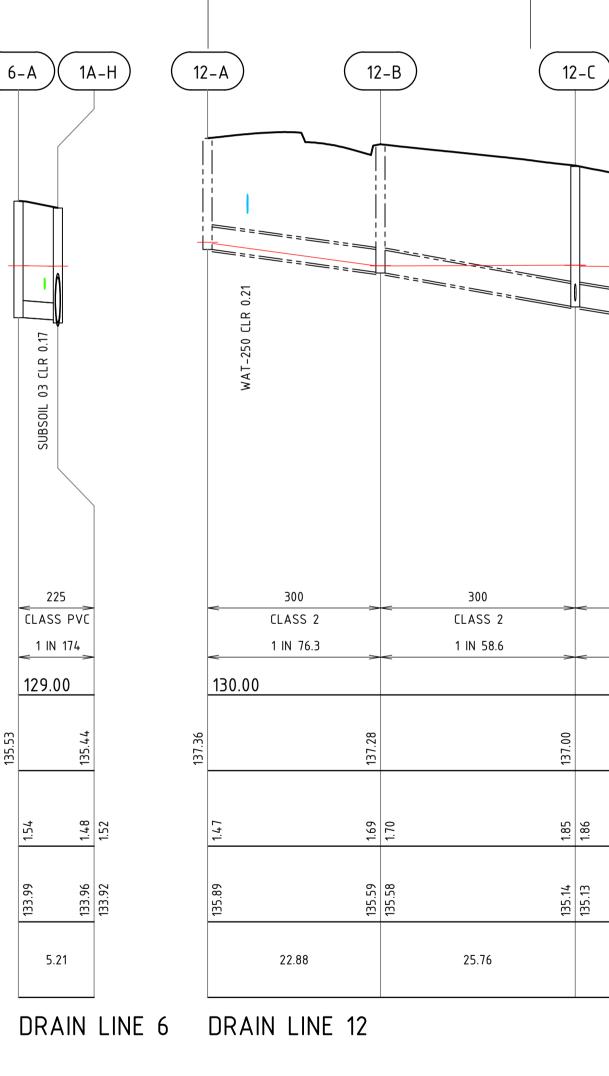
3	5-E	+-A 4	-B 4	-C (4	-D (4	-E
_		300	300	300	300	
۶۷C		CLASS 2	CLASS 2	CLASS 2	CLASS 2	
34 >	-	< 1 IN 173	1 IN 53.3	1 IN 32.5	1 IN 183	<
	_	130.00				
134, 13	- - - - -	136.76	136.39	135.90	135.76	
185	2.05	1.83 1.73	1.74 1.64	1.65	1.79	1.77
132 27	132.07	135.06 135.03	135.02 134.74	134.73	134.11 134.00	133.99
		5.19	14.93	19.80	20.15	
	_	L	1	1	1	

DRAIN LINE 4

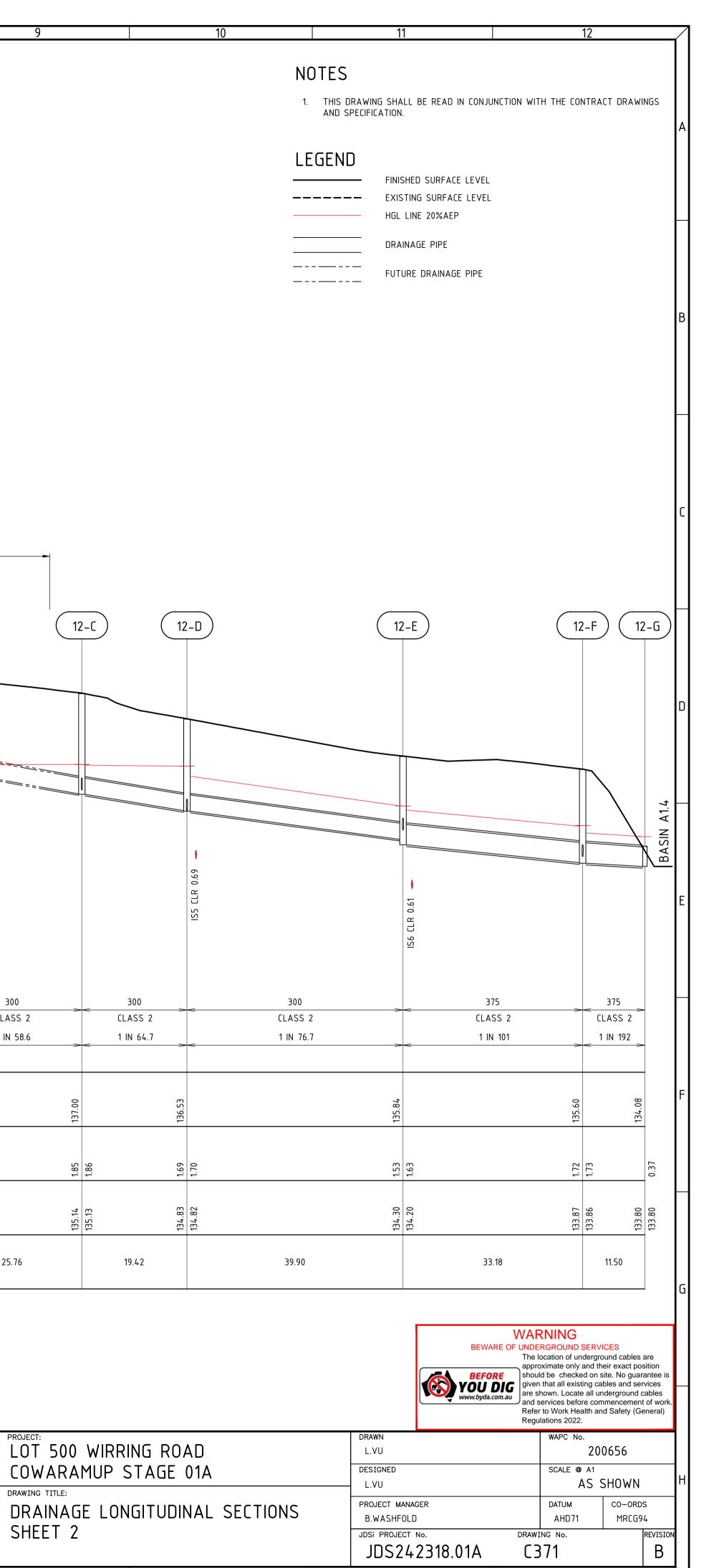






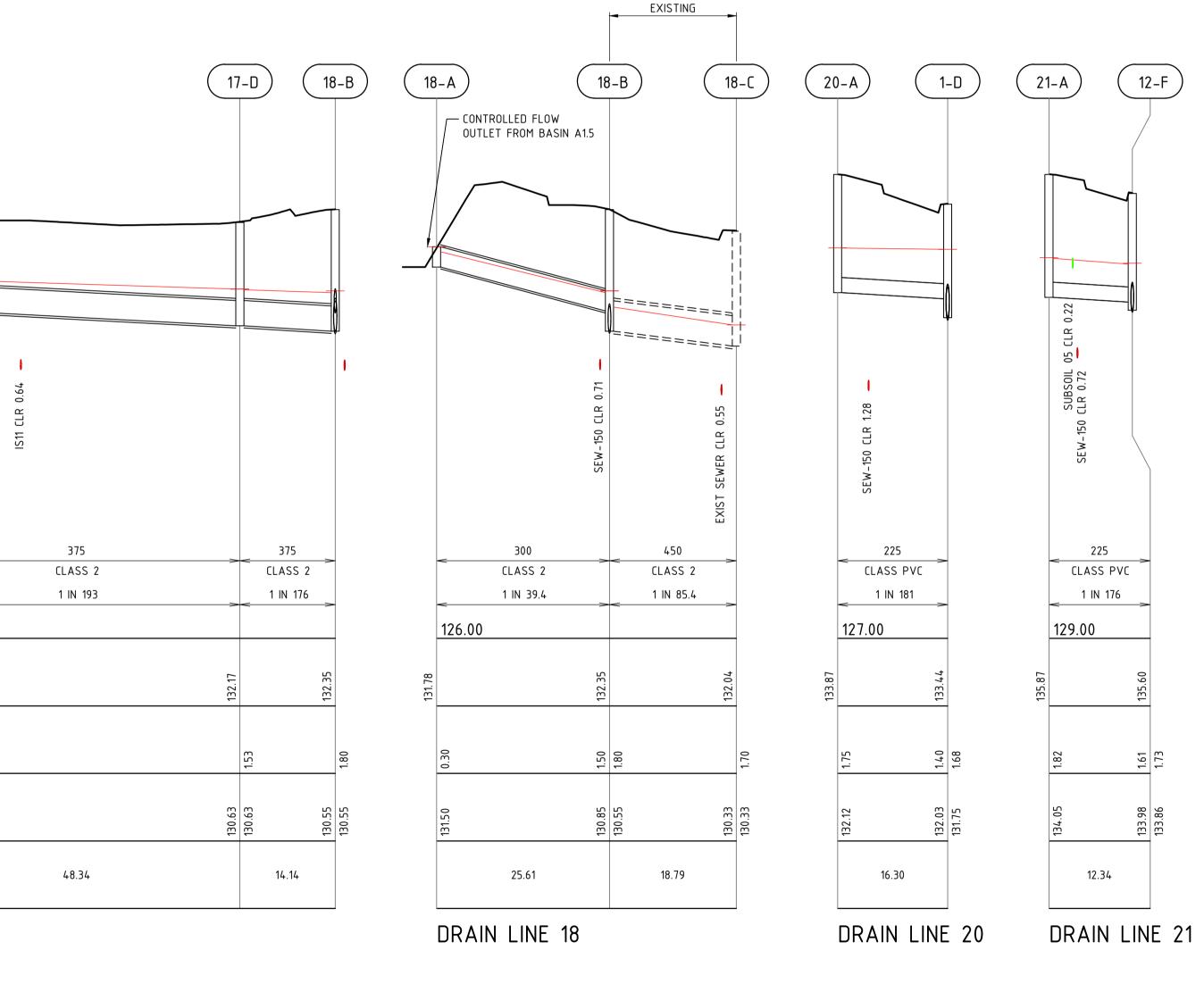


FUTURE



-				
)	CONTROLLED FLOW		17-B	17-C
- - -			IS10 CLR 0.63	
		300 CLASS 2 1 IN 113 126.00	375 CLASS 2 1 IN 192	> <
	DEPTH TO INVERT		1.02 132.22	1.27 132.16
	INVERT LEVEL	0 <u>71</u> 23.75	<u>81.50</u> 38.50	130.89
	0 0.5 1 2 3m 0 5 10 20 30m SCALE 1:50 @ ORIGINAL SHEET SIZE A1 SCALE 1:500 @ ORIGINAL SHEET SIZE A1	DRAIN LINE 17		
	Image: Note of the second se			COPYRI This draw JDSi Pty permissio infringen This docu for the u may not whole or that for NOTE

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1	0		11		12	\square
	Ν	IOTES 1. This drawing and specifica		CONJUNCTION V	WITH THE CONTRACT DRAWINGS	
	L 		FINISHED SURFACE EXISTING SURFACE			A
			HGL LINE 20%AEP DRAINAGE PIPE EXISTING DRAINAGE	PIPE		
						В
						C
-A (12	2-F 22	2-A (12	2-E (23	3-A (23	B-B	
	-	0.3			BASIN A1.4	D
3501L 05 CLR 0.22 0.72		SUBSOIL 05 CLR			N B S S B S S S S S S S S S S S S S S S	
SUBSOIL SEW-150 CLR 0.72		SEW-150 CLR				E
225 CLASS PVC 1 IN 176	-	225 CLASS PVC 1 IN 191		300 CLASS 2 1 IN 196		
129.00 99:50	136.26	129.00 ⁷⁸⁷ 132	135.07	129.00 60 ⁻ 7EL		F
134.05 1.82 1.82 133.98 1.61		134.53 1.72 1.72 134.47 1.36		133.86 1.20 133.80	0.30	
12.34		11.47		<u>£</u> <u>£</u> 11.77		
	- IF 21					G

DRAIN LINE 22

DRAIN LINE 23 WARNING **BEFORE WARINING BEWARE OF UNDERGROUND SERVICES** The location of underground cables are approximate only and their exact position should be checked on site. No guarantee is given that all existing cables and services are shown. Locate all underground cables and services before commencement of work. Refer to Work Health and Safety (General) Regulations 2022. WAPC No. 200656 SCALE @ A1

CO-ORDS

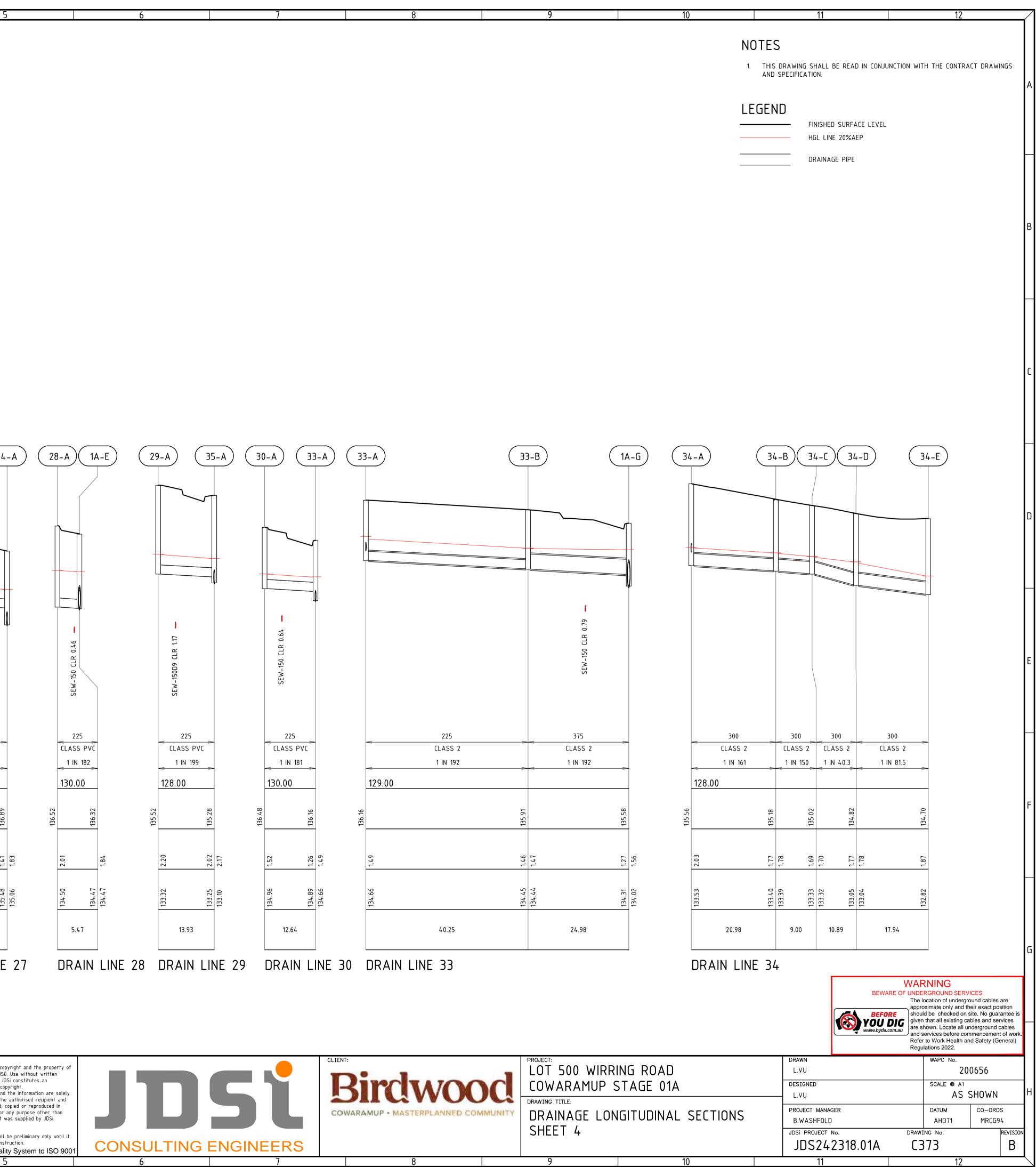
MRCG94

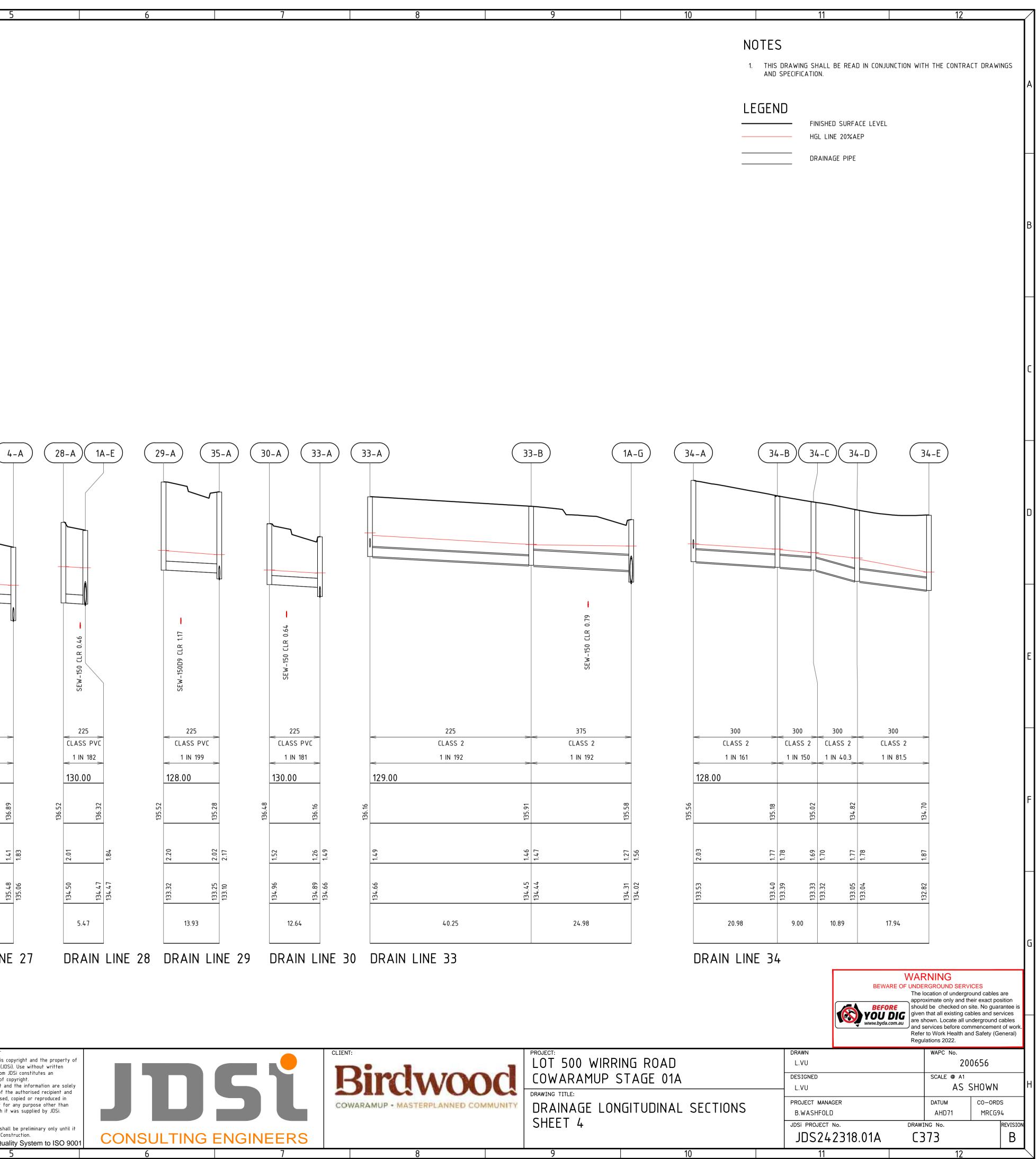
REVISION

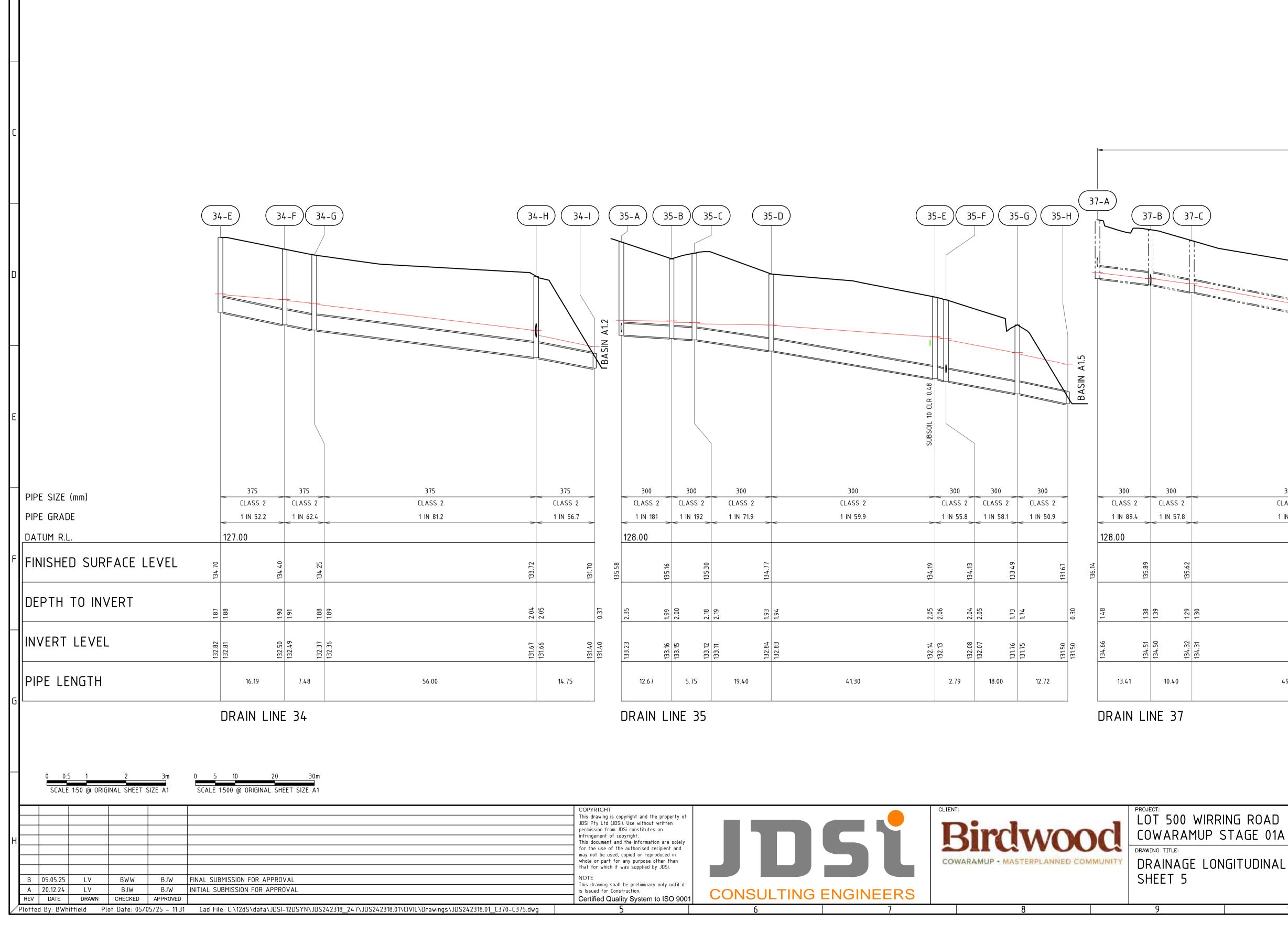
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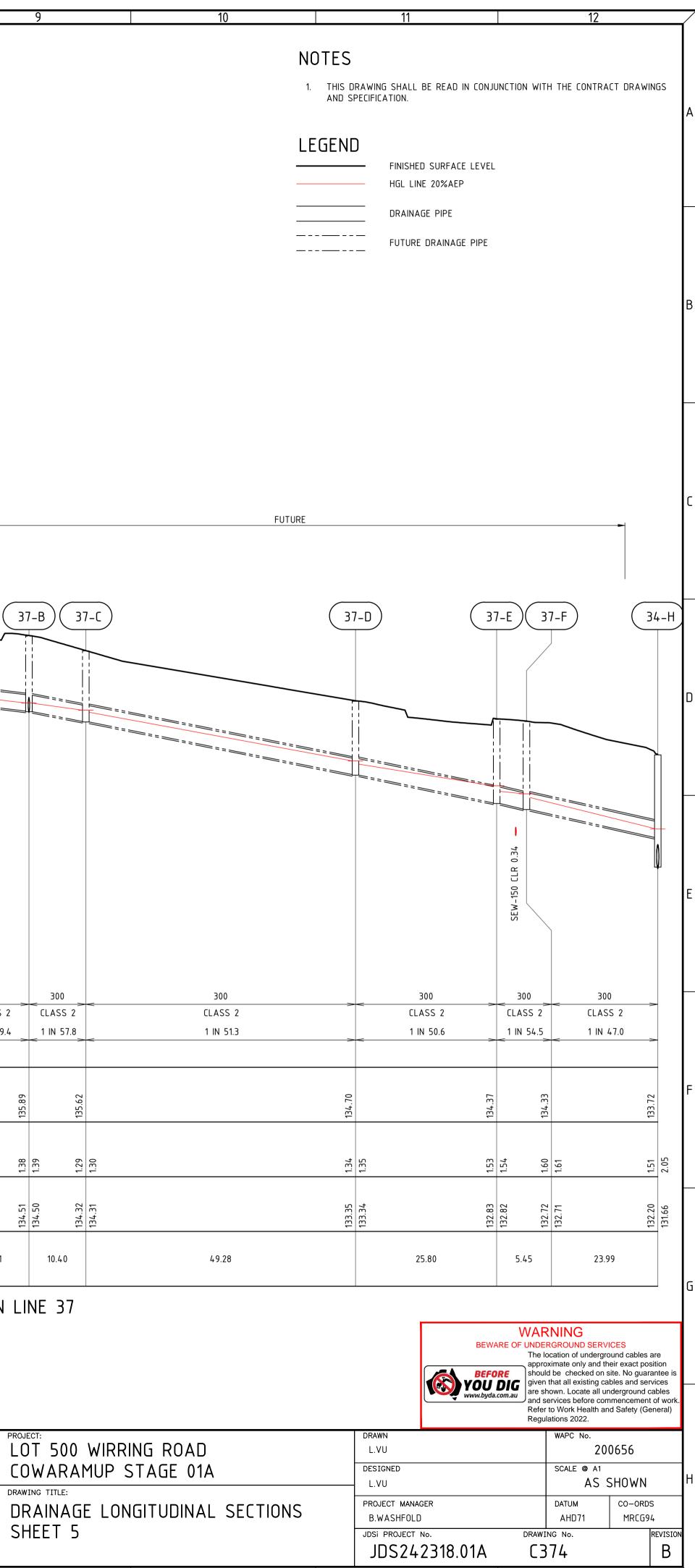
DRAWN L.VU DESIGNED AS SHOWN L.VU PROJECT MANAGER DATUM **B.WASHFOLD** AHD71 JDSi PROJECT No. DRAWING No. C372 JDS242318.01A

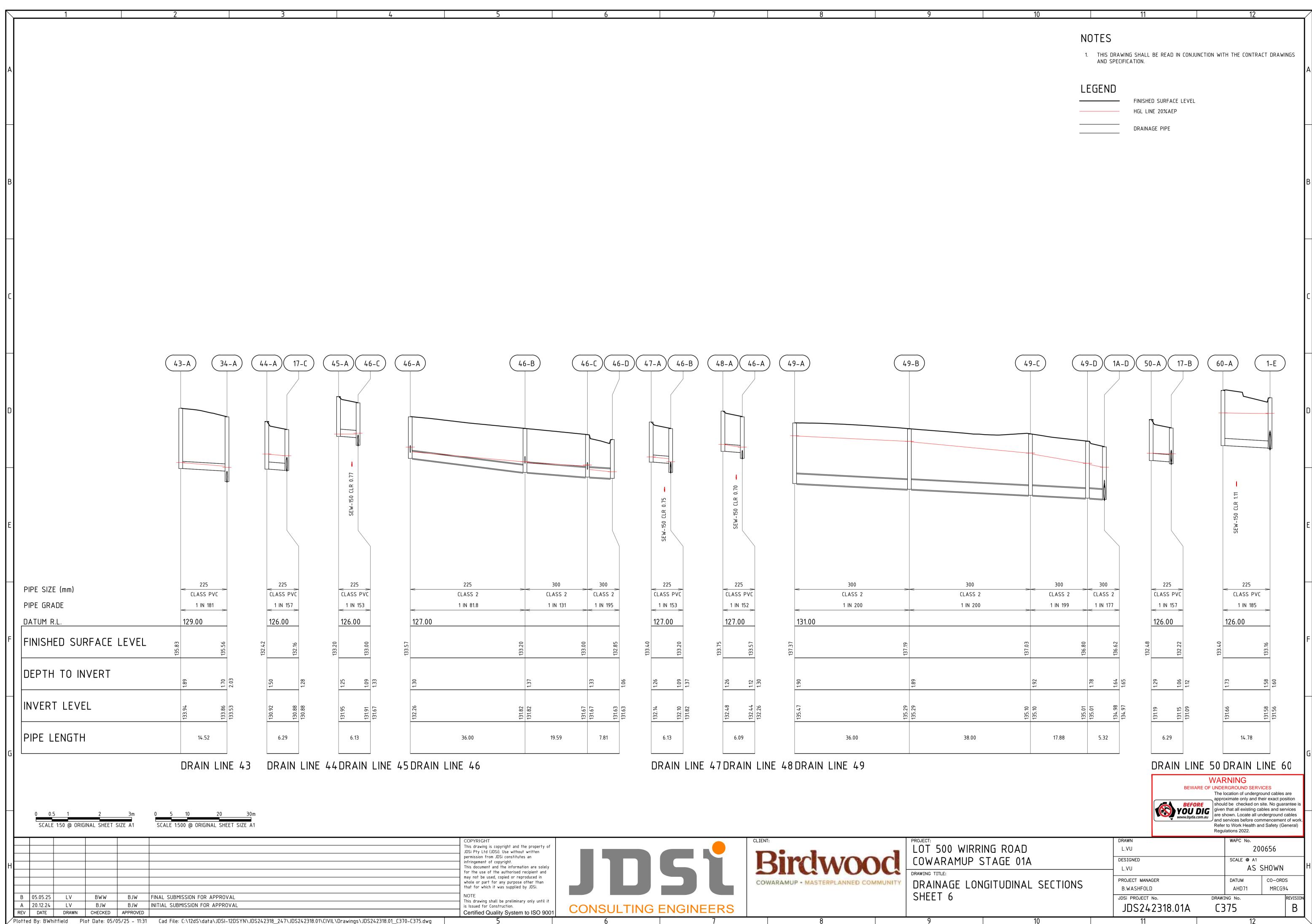
2	24-A 12-D	25-A 12-C		27-A
	SEW-150 CLR 0.80 SEW-150 CLR 0.80		SUBSOIL 04 CLR 0.16	
PIPE SIZE (mm) PIPE GRADE	225 CLASS PVC 1 IN 192	225 CLASS PVC 1 IN 156	225 CLASS PVC 1 IN 188	225 CLASS PV 1 IN 186
DATUM R.L.	130.00 <u>5.6</u> <u>5.6</u>	130.00	130.00 136.62	131.54
DEPTH TO INVERT	2.07	1.82 1.78 1.86	1.50	1.66
INVERT LEVEL	134.88 134.82 134.82	135.24 135.21 135.13	135.43 135.35 134.97	135.57
PIPE LENGTH	11.49	4.68	15.04	16.78

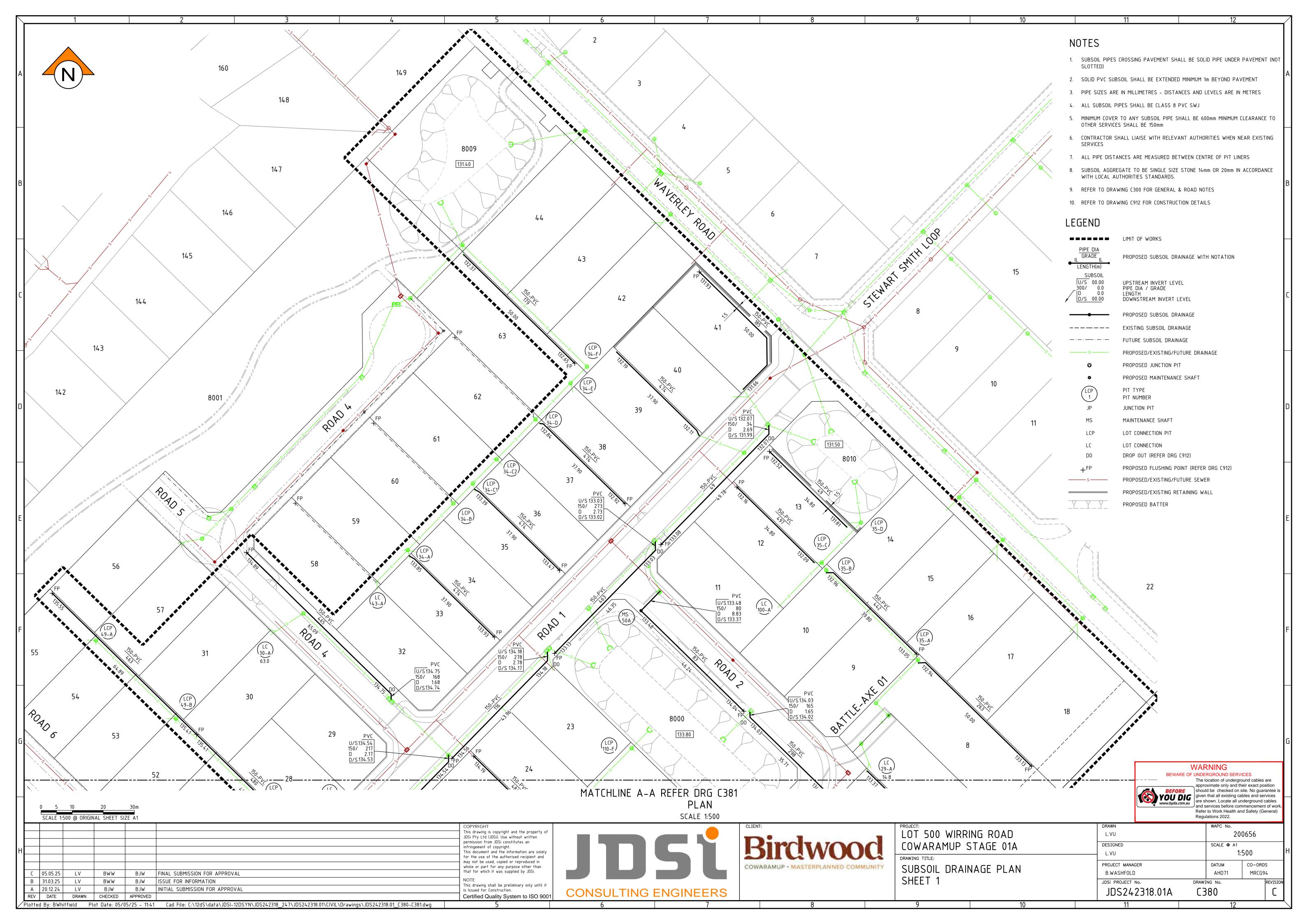


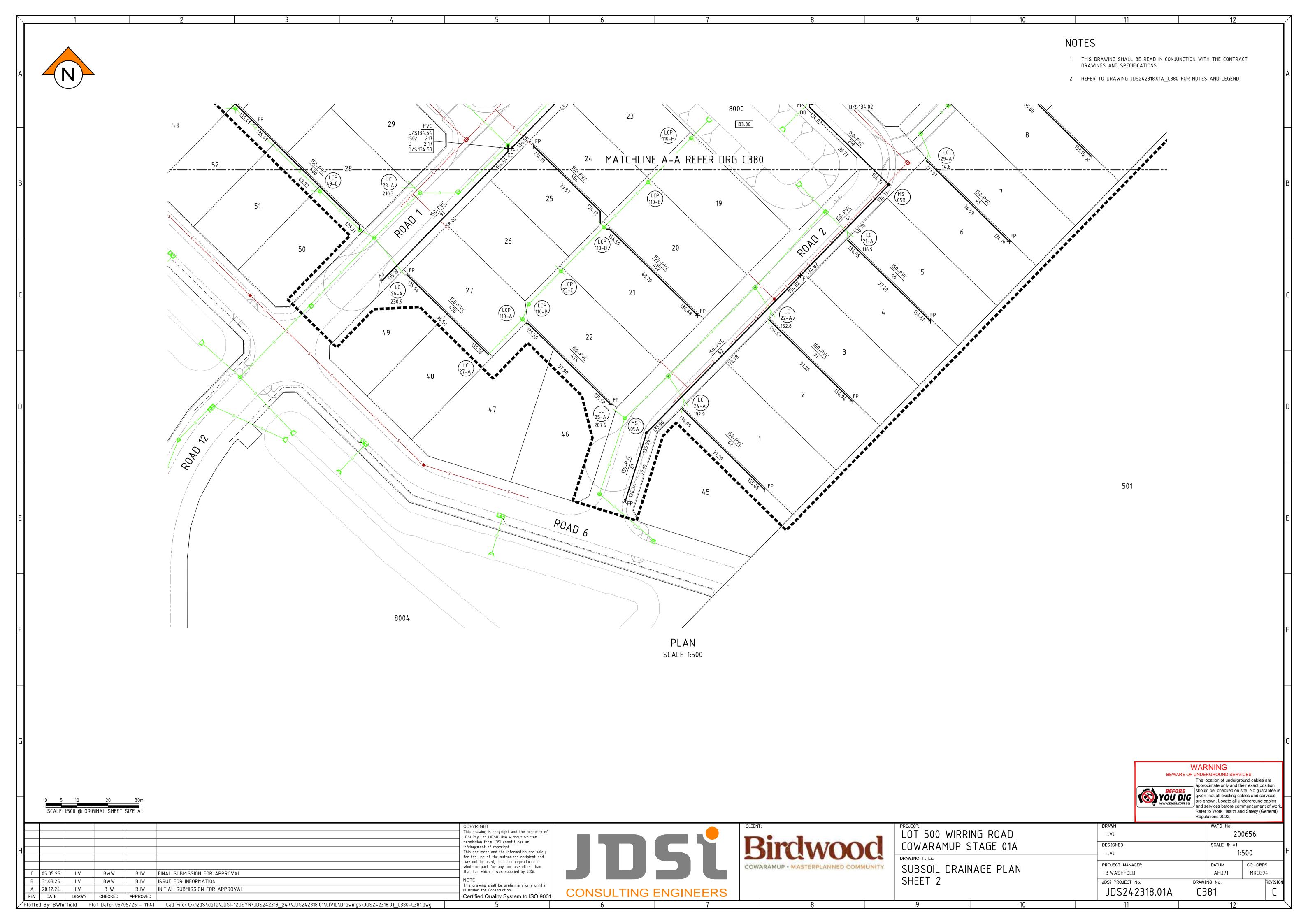


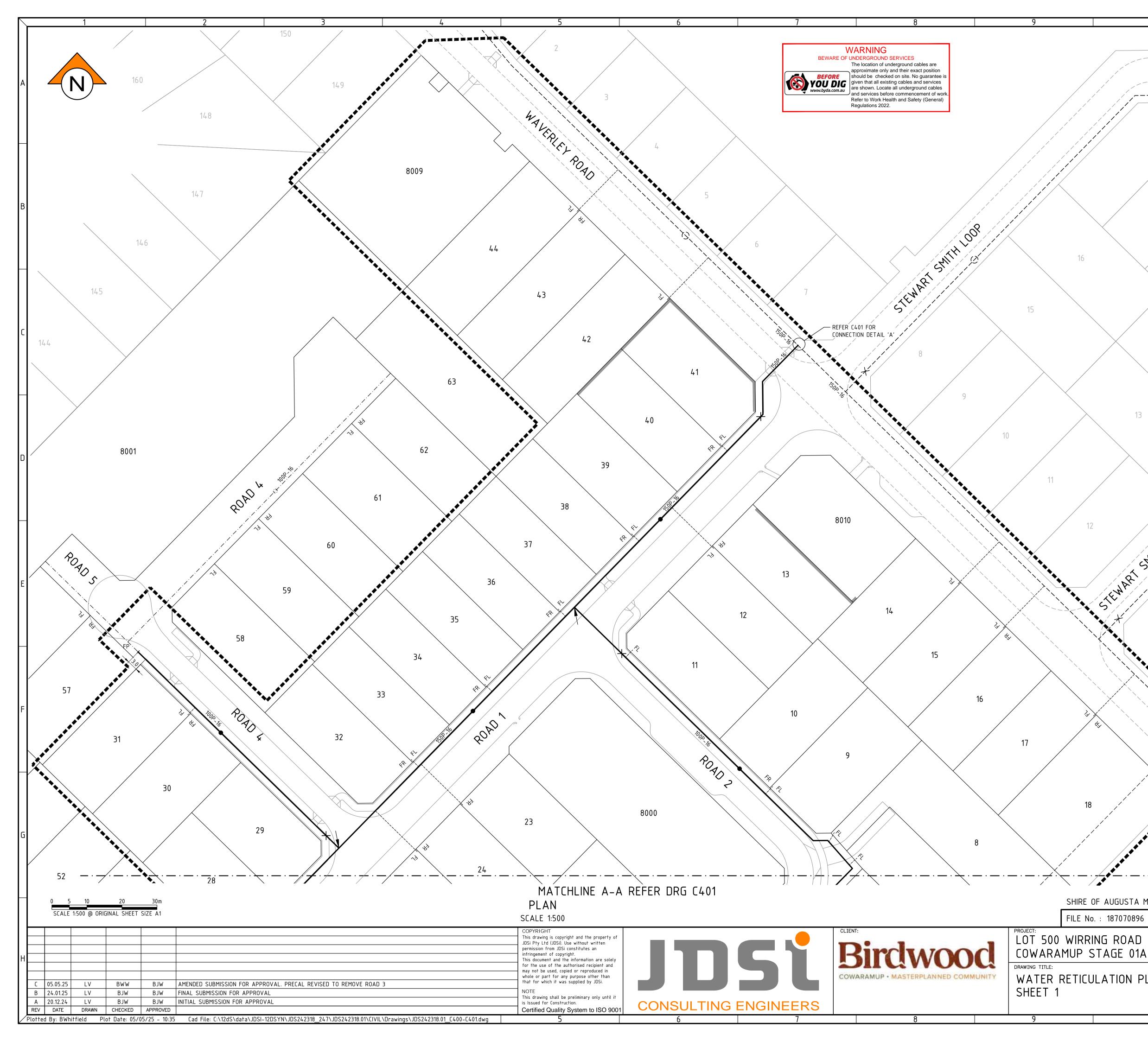












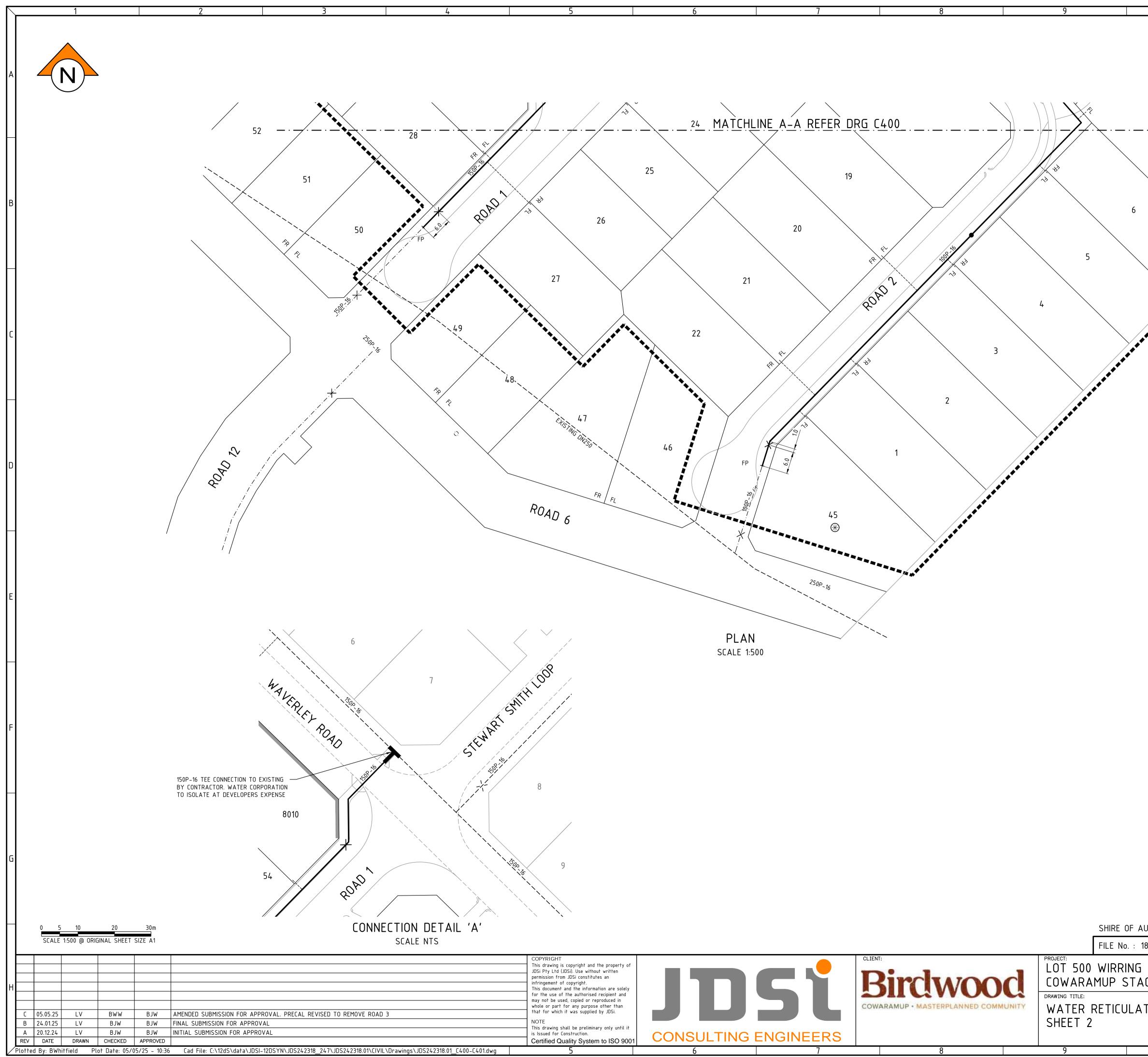
10	11	12
10		12
N(OTES	
	GENERAL	
1.	1. THIS DRAWING SHALL BE READ IN CONJU AND SPECIFICATION.	INCTION WITH THE CONTRACT DRAWINGS
	2. THE CONSTRUCTION OF THE WORKS SHAI CORPORATION'S DESIGN STANDARDS 63.	
	3. ALL WELDING AND JOINING OF THERMOPL CORPORATIONS SPECIFICATION WS-2.	ASTICS TO COMPLY WITH WATER
1.	4. ALL DIMENSIONS ARE IN METRES UNLESS	OTHERWISE NOTED.
1.	5. THE MAINS SHALL BE LAID ON A 2.1m (C MEASURED FROM THE CENTRE OF THE PI	
1.1	6. THE MAINS SHALL BE LAID BETWEEN A I ACCORDANCE WITH THE WATER CORPORA	
1.	7. ALL SERVICES TO LOTS SHALL BE FULLY	Y PRELAID UNLESS NOTED OTHERWISE.
1.1	8. THE CONTRACTOR SHALL REPORT ANY D SERVICES TO THE SUPERINTENDENT.	DISCREPANCY OR CLASH WITH OTHER
1.9	9. THE CONTRACTOR SHALL ENSURE THAT TO ACCOMMODATE FUTURE INTERSECTION	
1.	10. CONTRACTOR TO MAKE ALLOWANCE FOR, EXCAVATION, SITE SAFETY, BACKFILL AN POINTS.	
1.	11. CONTRACTOR TO CONFIRM LEVEL OF EXIS EXISTING WATER PIPE IS NOT TO WATER CONTRACTOR SHALL NOTIFY SUPERINTEN WORKS.	R CORPORATION STANDARD DEPTH
	MAINS AND SERVICES	
2.	.1. CONSTRUCT MAINS OF:	
14	100P-16 - 319.1m 150P-16 - 245.1m	
	VALVES – 5 HYDRANT – 5	
2.	2. CONSTRUCT SERVICES OF:	
	SHORT SINGLE-4SHORT DUAL-11LONG SINGLE-3LONG DUAL-8DEFERRED SERVICE-0TOTAL LOTS SERVED-45	
	DEFERRED SERVICE	
	EGEND	
	100P-16 PROPOSED WATER MAIN	N LAYOUT, MAIN SIZE AND TYPE
	<u>100P-16</u> EXISTING WATER MAIN	LAYOUT, MAIN SIZE AND TYPE

		- FROPOSED WATER HAIN EATOON	, HAIN SIZE AND	, TIFE		
	<u>100P-16</u>	- EXISTING WATER MAIN LAYOUT,	MAIN SIZE AND	ТҮРЕ		
	<u>100P-16</u>	- FUTURE WATER MAIN LAYOUT, N	1AIN SIZE AND T	YPE		
ST /		- SERVICE CROSSING COMPLETE				
\$///	•	- PROPOSED HYDRANT				
		- PROPOSED SLUICE VALVE				
// \ _		- CHANGE IN PIPE SIZE				
—	F	P H BLANK END AND FLUSHING POIN	Г			
	FL FR	SERVICE LOCATION				
	"D"	DEFERRED SERVICE			Н	
22 -		PROPOSED/EXISTING/FUTURE RE	TAINING WALL			
		RETICULATION AREA BOUNDARY				
	\circledast	LOTS SERVICED IN THIS STAGE BUT RELEASED IN FUTURE STAG	E			
	*	LOTS SERVICED IN PREVIOUS ST AND RELEASED IN THIS STAGE	AGE		F	
		PROPOSED ROAD				
· · · · · · · · · · · · · · · · · · ·		- EXISTING ROAD				
					┛	
		IIS PLAN IS ACCEPTED AS BEING IN ACC INCEPT PLAN:	ORDANCE WITH	THE ENDORSED		
	00	271-100-001-01A				
****		MPLIANCE WITH THE RELEVANT DESIGN MAINS THE RESPONSIBILITY OF THE DE		D MANUALS		
) WORKS ARE TO COMMENCE ON SITE U			G	
		QUIREMENTS HAVE BEEN MADE WITH T FER TO THE DEVELOPERS' MANUAL FOI				
		FOR MA	NAGER, DEVELOF	MENT SERVICES		
TA MARGARET RIVER				•	Н	
)896		OR32-103-	001-01	A		
	DF	RAWN	WAPC No.		$\left \right $	
٩D	l	VU	20	0656		
01A			SCALE @ A1	:500	┨╷┨	
		VU ROJECT MANAGER	DATUM	CO-ORDS	$\left \right $	
N PLAN		B.WASHFOLD	AHD71	MRCG94		
	JD	SI PROJECT No. DRA	AWING No.	REVISIO	7	

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10	11		12	
NOTES	5			
1. THIS			N WITH THE CONTRACT	
	R TO DRAWING JDS24		NOTES AND LEGEND	А
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	Г		VARNING UNDERGROUND SERVICES	F
		BEFORE	The location of underground cables ar approximate only and their exact posit should be checked on site. No guarar	ion ntee is
		YOU DIG	given that all existing cables and service are shown. Locate all underground call and services before commencement of Refer to Work Health and Safety (Gen	bles of work.
		EPTED AS BEING IN /	Regulations 2022.	
	CONCEPT PLAN: 0Q71-100-001-01A			
		THE RELEVANT DESI PONSIBILITY OF THE	IGN STANDARDS AND MANUALS DESIGN ENGINEER.	
	REQUIREMENTS HA	VE BEEN MADE WITH	UNTIL START-UP MEETING	G tor.
	REFER TO THE DEV	VELUPERS' MANUAL I	FOR CONTACT DETAILS.	
		FOR	MANAGER, DEVELOPMENT SERV	ICES
AUGUSTA MARGARET RIVER	- 00	32–103-	-002-01A	Π
ROAD	DRAWN L.VU		WAPC No. 200656	-
AGE 01A	DESIGNED L.VU		SCALE @ A1 1:500	—
TION PLAN	PROJECT MANAGER B.WASHFOLD		DATUM CO-ORDS AHD71 MRCG94	
	JDSI PROJECT No.			
10	11		12	<u> </u>