



JG LAND LTD

OREWA WEST  
PRECINCT 7  
LOT 1000

117 ARRAN POINT  
PARADE  
MILLWATER  
AUCKLAND

DRAWINGS ISSUED FOR  
RESOURCE CONSENT

AUGUST 2021

AUCKLAND COUNCIL

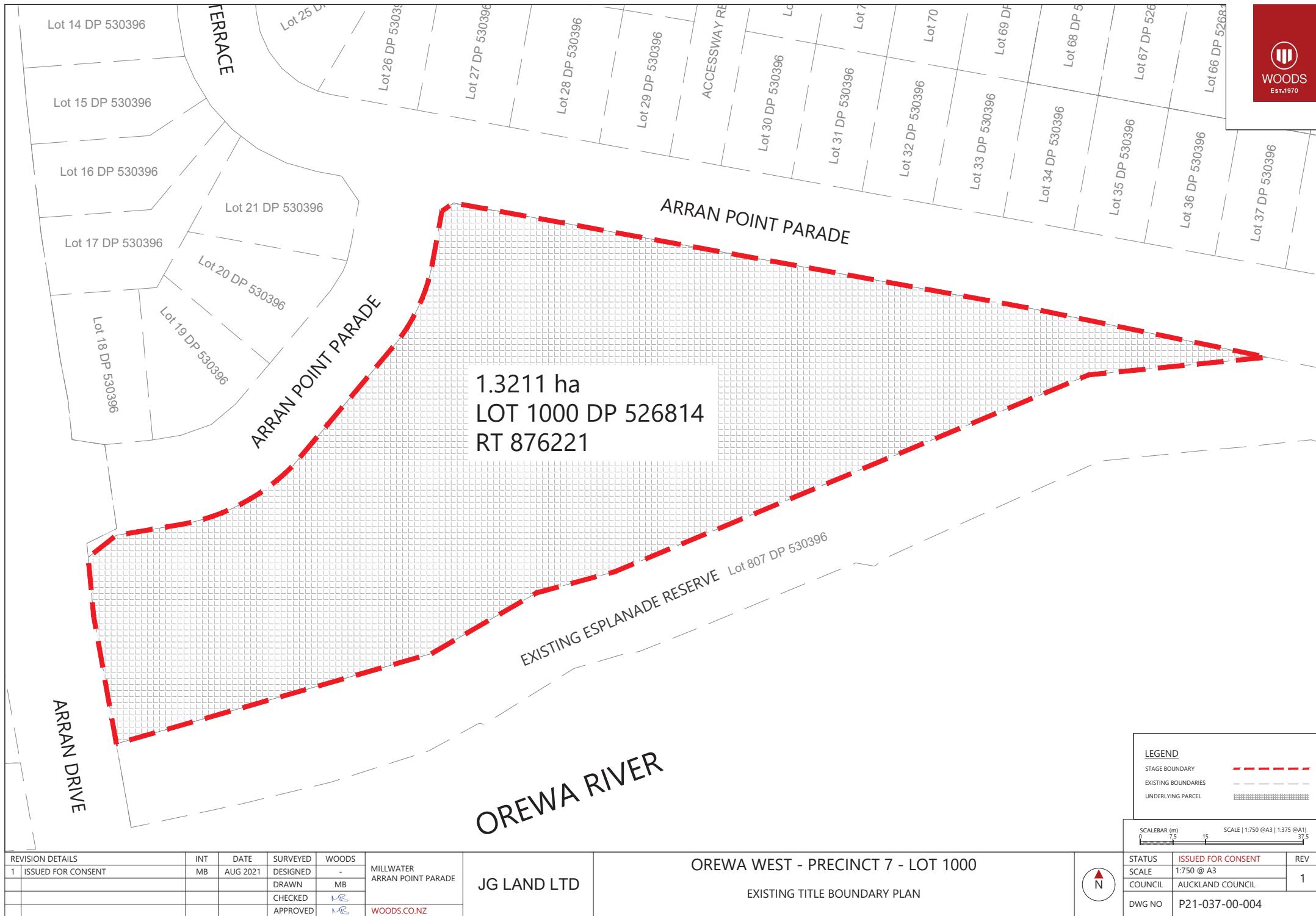


# OREWA WEST - PRECINCT 7 - LOT 1000

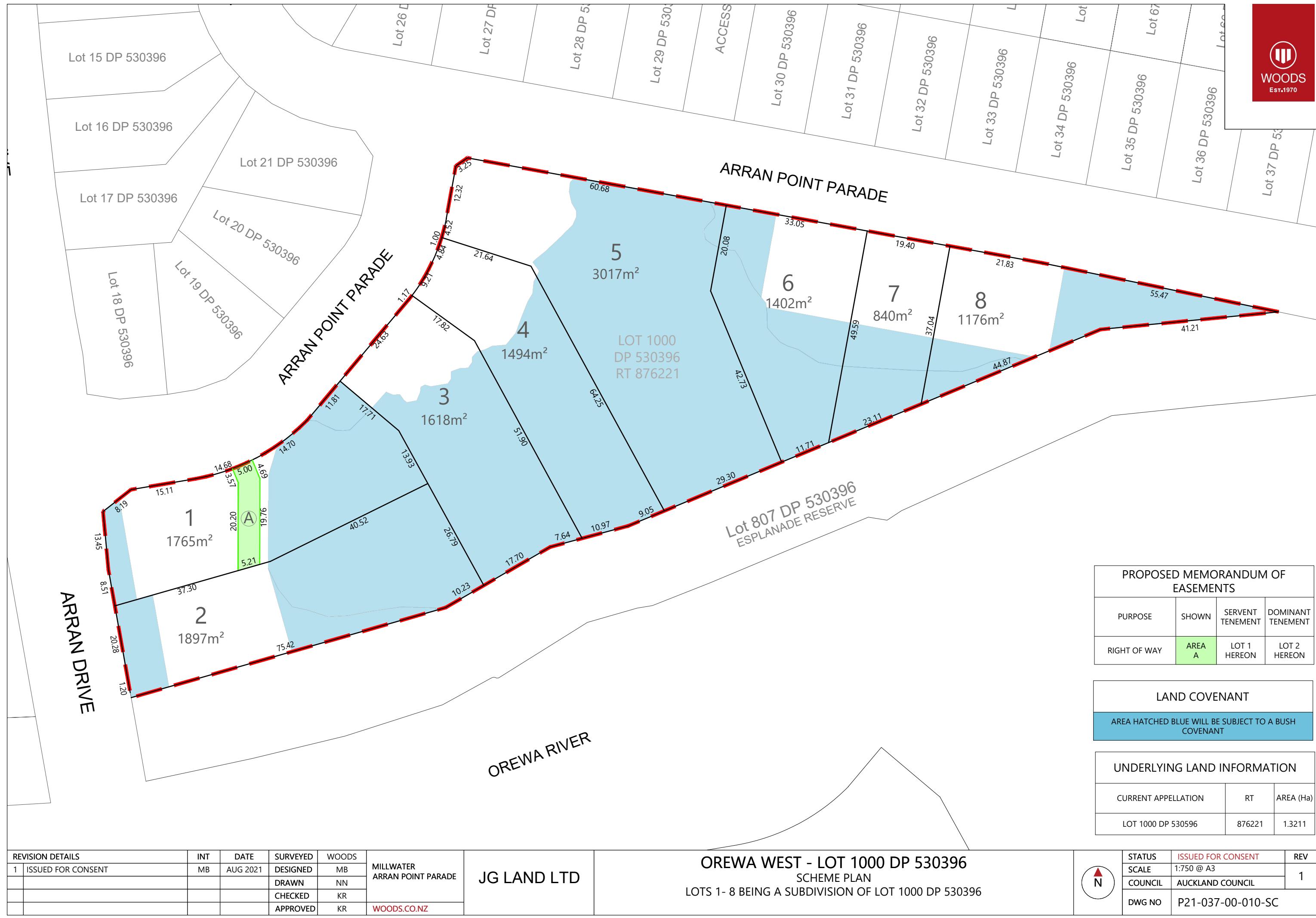
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P21-037-00-005-GE	EXISTING FEATURES PLAN
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P21-037-00-010-GE	SCHEME PLAN
P21-037-00-020-GE	INDICATIVE BUILDING LOCATION
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\12dSynergy\data\WP-PEN-APP-01\P21-037 - Lot 1000 Arran Point\_511\CAD\Eng\P21-037-00-010-GE - SCHEME PLAN.dwg, 30/07/2021 4:23:14 pm, DWG To PDF - Flat.pc3



REVISION DETAILS		INT	DATE	SURVEYED	WOODS
1	ISSUED FOR CONSENT	MB	AUG 2021	DESIGNED DRAWN CHECKED APPROVED	MB MB MR MR
					WOODS.CO.NZ

MILLWATER  
ARRAN POINT PARADE

JG LAND LTD

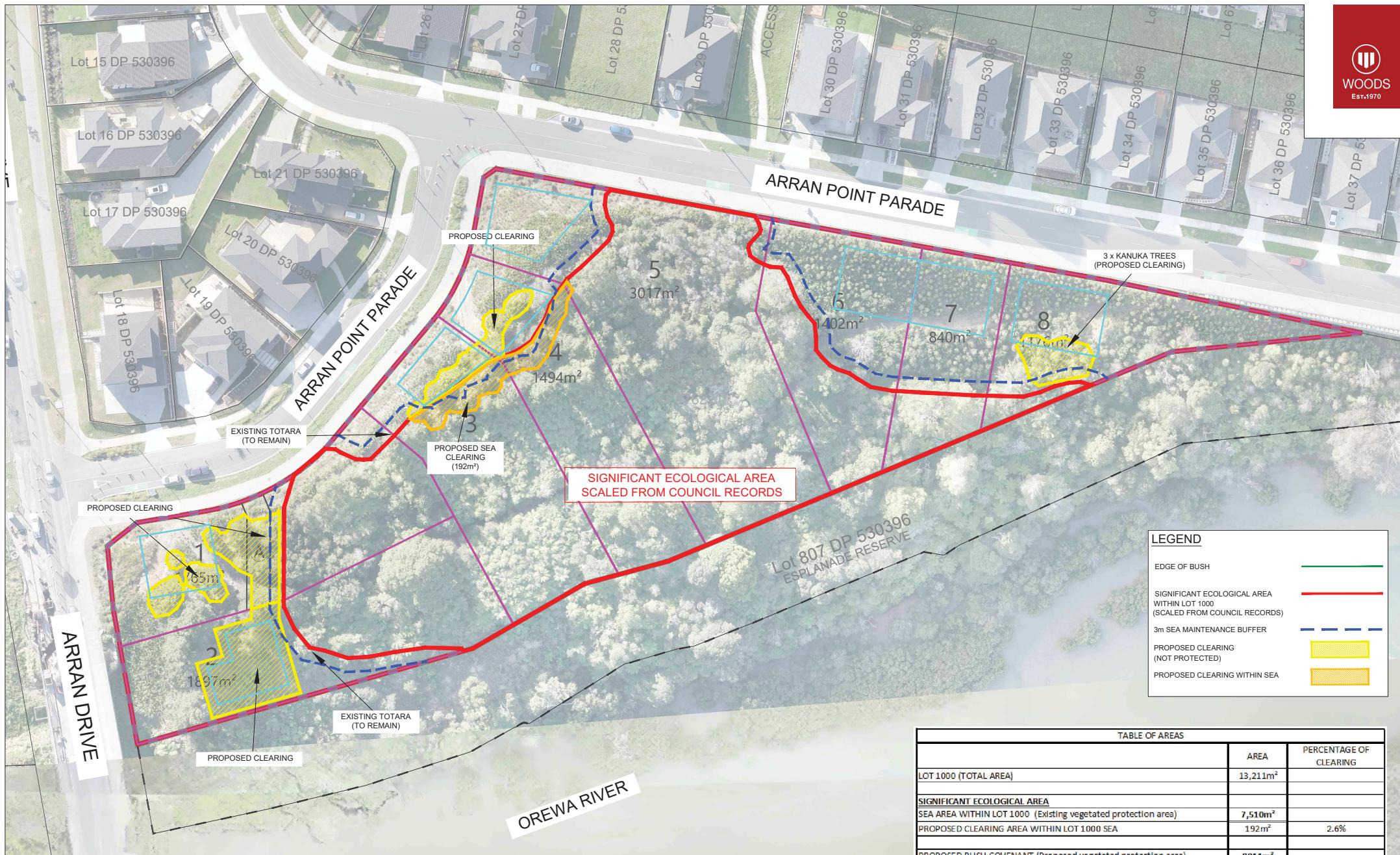
OREWA WEST - PRECINCT 7 - LOT 1000  
INDICITIVE BUILDING LOCATION PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	
COUNCIL	AUCKLAND COUNCIL	1
DWG NO	P21-037-00-020-GE	

SCALEBAR (m)  
0 7.5 15 37.5

SCALE | 1:750 @ A3 | 1:375 @ A1 |

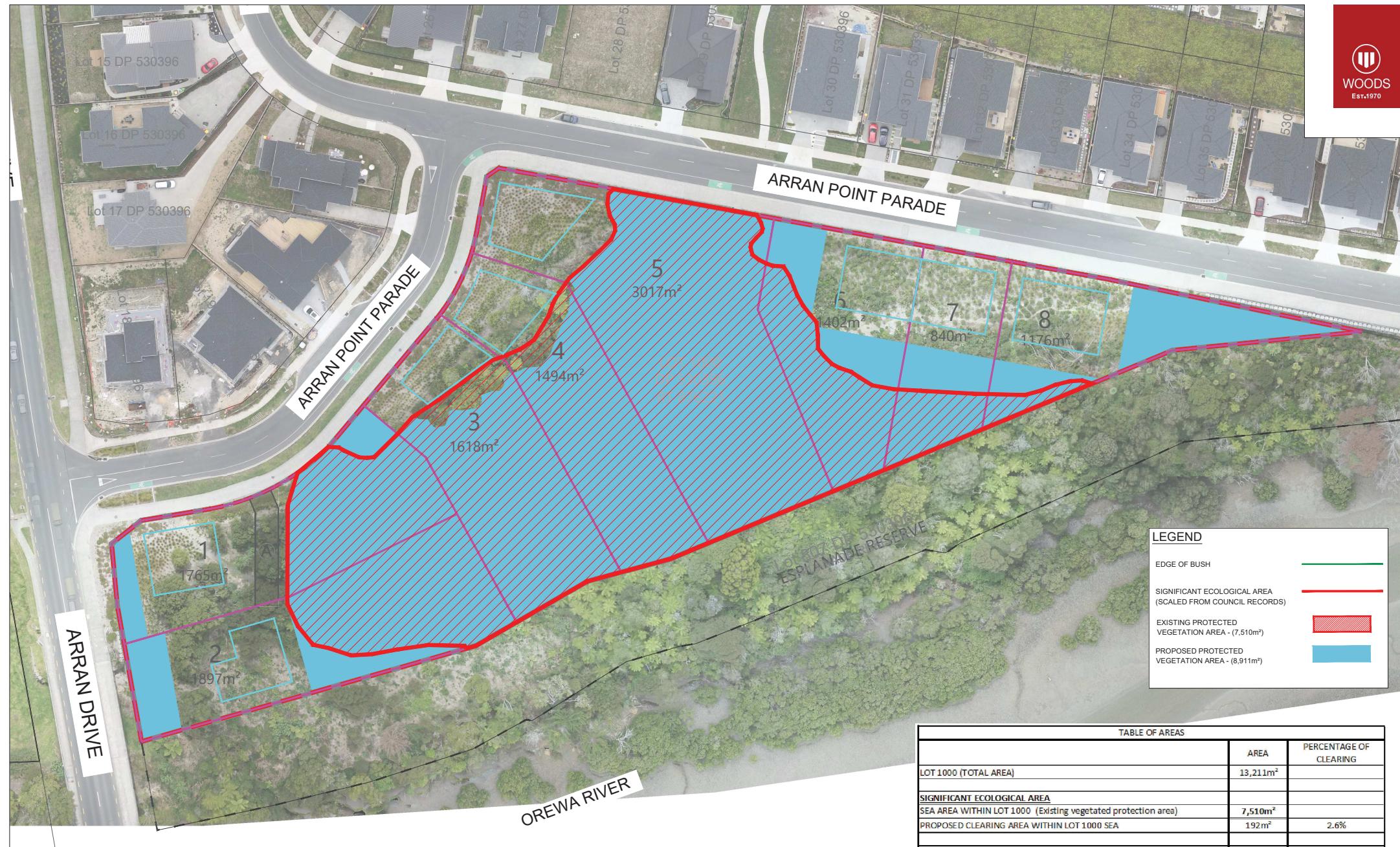


REVISION DETAILS		INT	DATE	SURVEYED	WOODS	MILLWATER ARRAN POINT PARADE	JG LAND LTD	WOODS.CO.NZ
1	ISSUED FOR CONSENT	MB		DESIGNED	MB			
				DRAWN	MB			
				CHECKED	MR			
				APPROVED	MR			

**OREWA WEST - PRECINCT 7 - LOT 1000**  
PROPOSED VEGETATION REMOVAL



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	
COUNCIL	AUCKLAND COUNCIL	1
DWG NO	P21-037-00-050-GE	

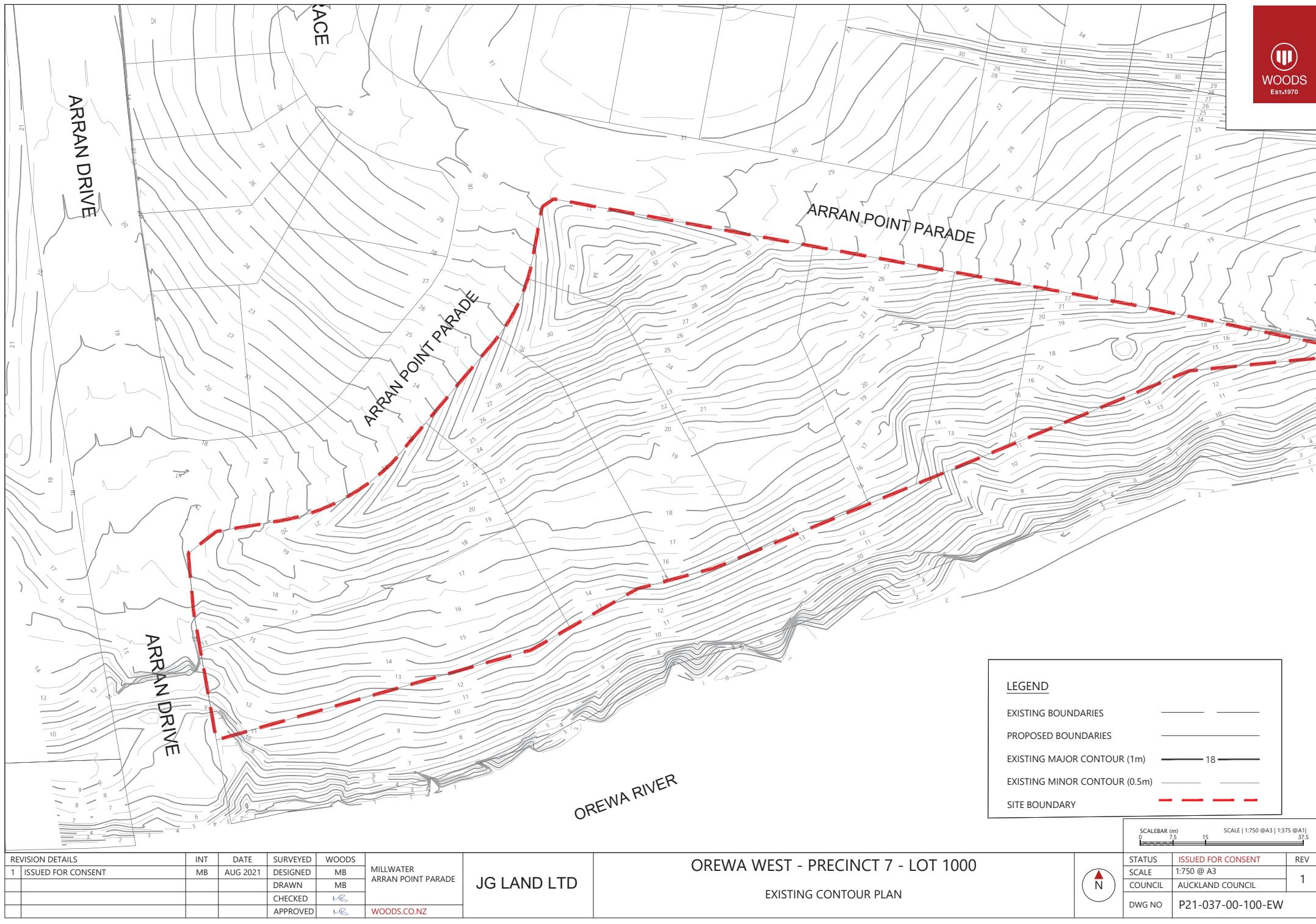


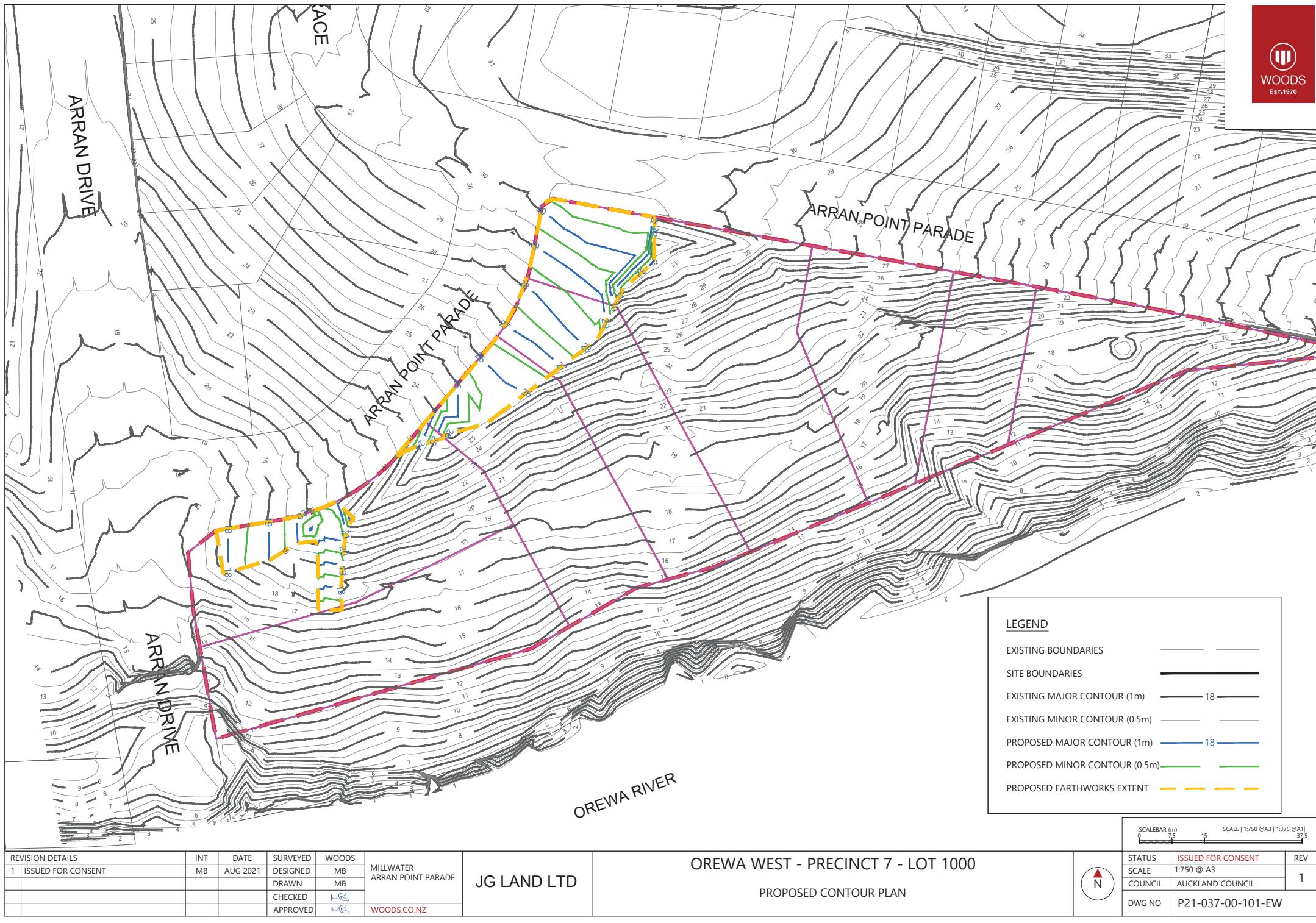
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				CHECKED	MB		
				APPROVED	MB		WOODS.CO.NZ

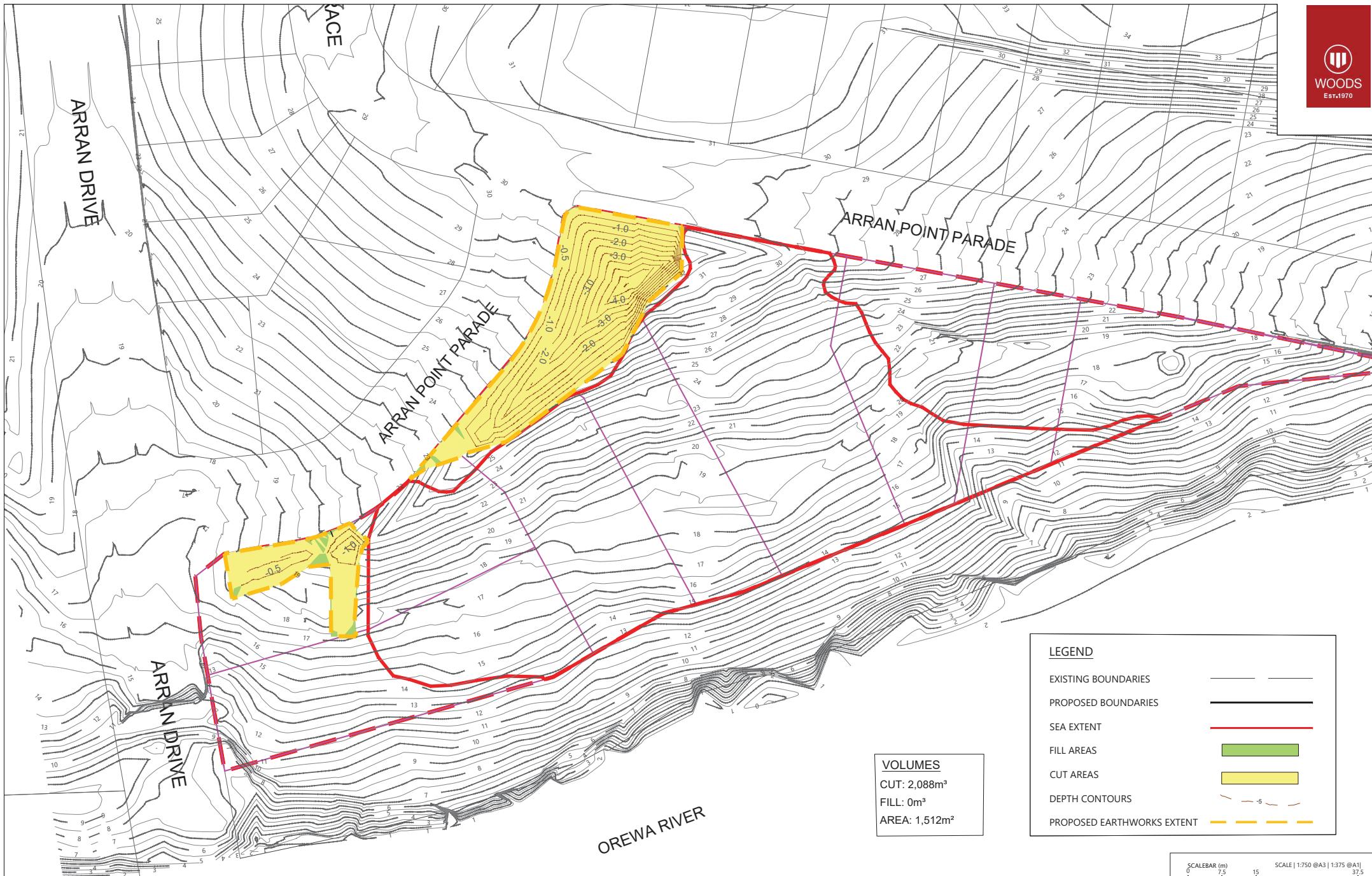
**OREWA WEST - PRECINCT 7 - LOT 1000**  
PROPOSED BUSH PROTECTION AREA



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	
COUNCIL	AUCKLAND COUNCIL	1
DWG NO	P21-037-00-051-GE	







REVISION DETAILS

1 ISSUED FOR CONSENT

INT

AUG 2021

DATE

SURVEYED

MB

DESIGNED

MB

DRAWN

MB

CHECKED

MR

APPROVED

MR

WOODS

MILLWATER  
ARRAN POINT PARADE

JG LAND LTD

WOODS.CO.NZ

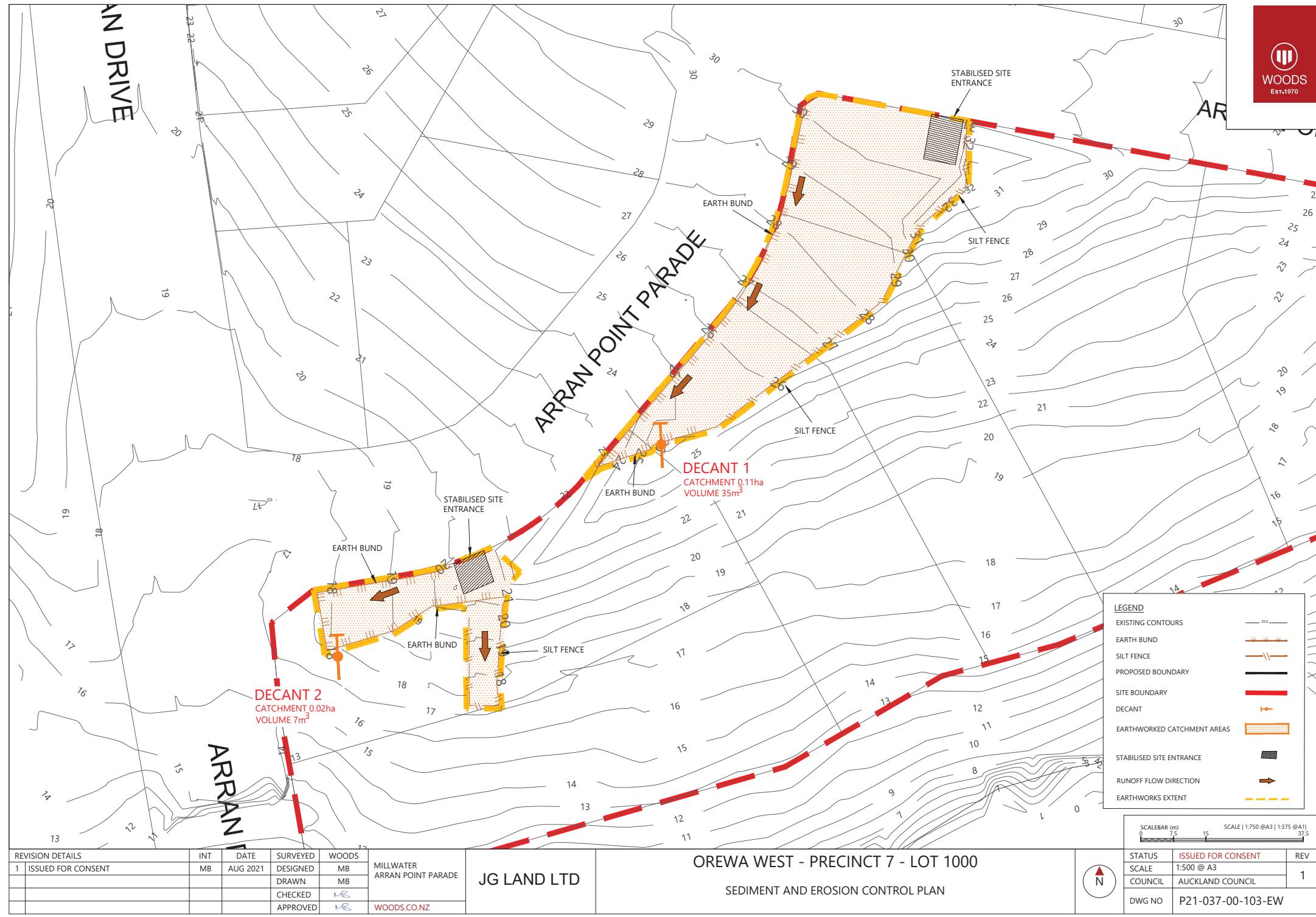
OREWA WEST - PRECINCT 7 - LOT 1000

CUT FILL PLAN

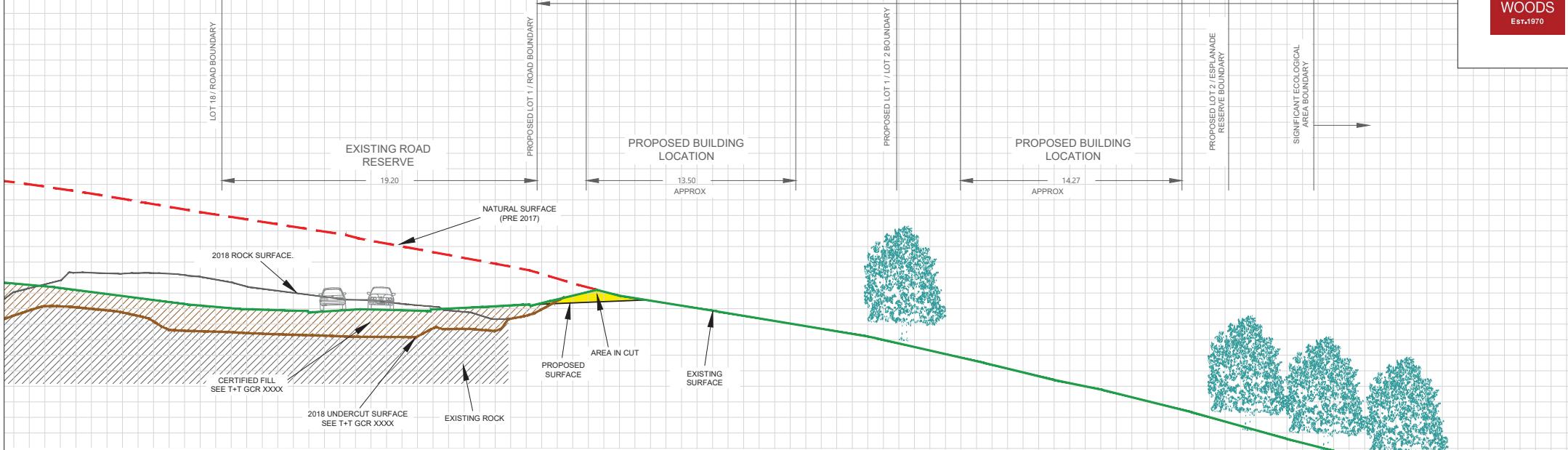
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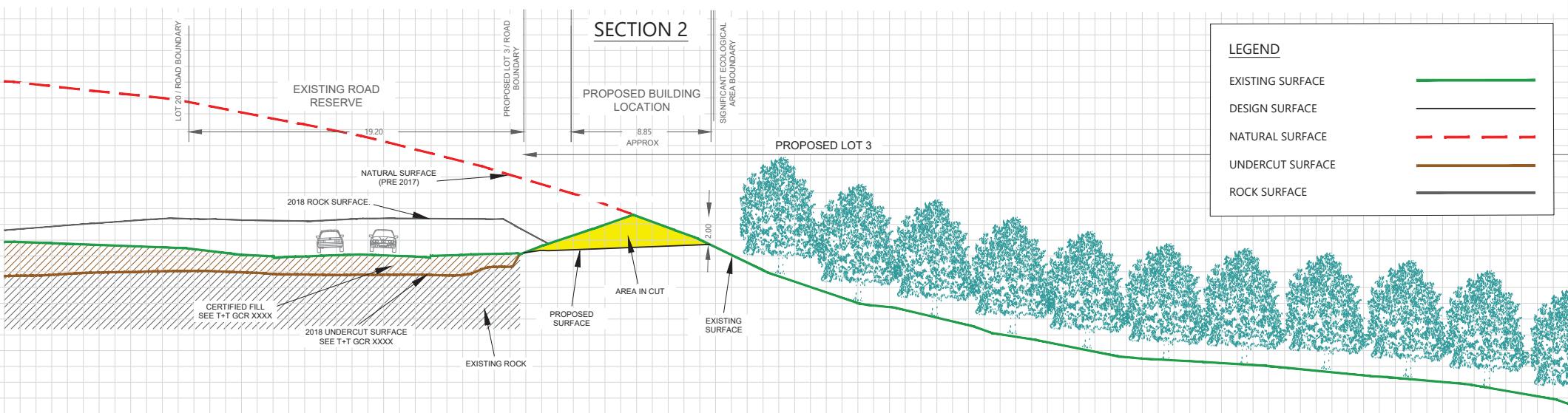




## SECTION 1



## SECTION 2



LEGEND	
EXISTING SURFACE	
DESIGN SURFACE	
NATURAL SURFACE	
UNDERCUT SURFACE	
ROCK SURFACE	

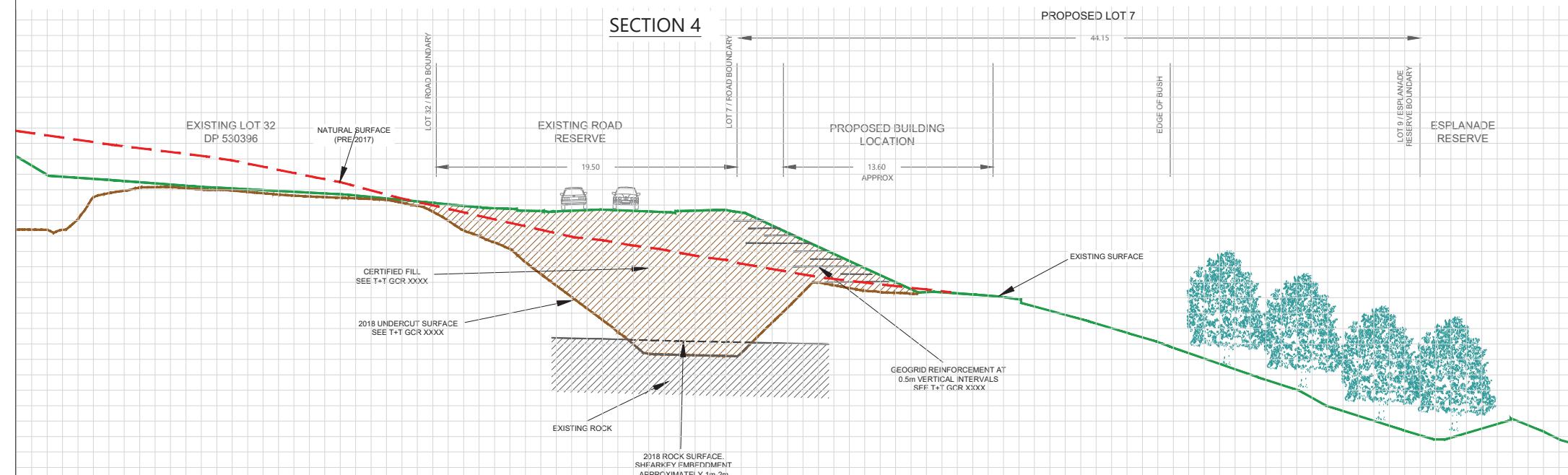
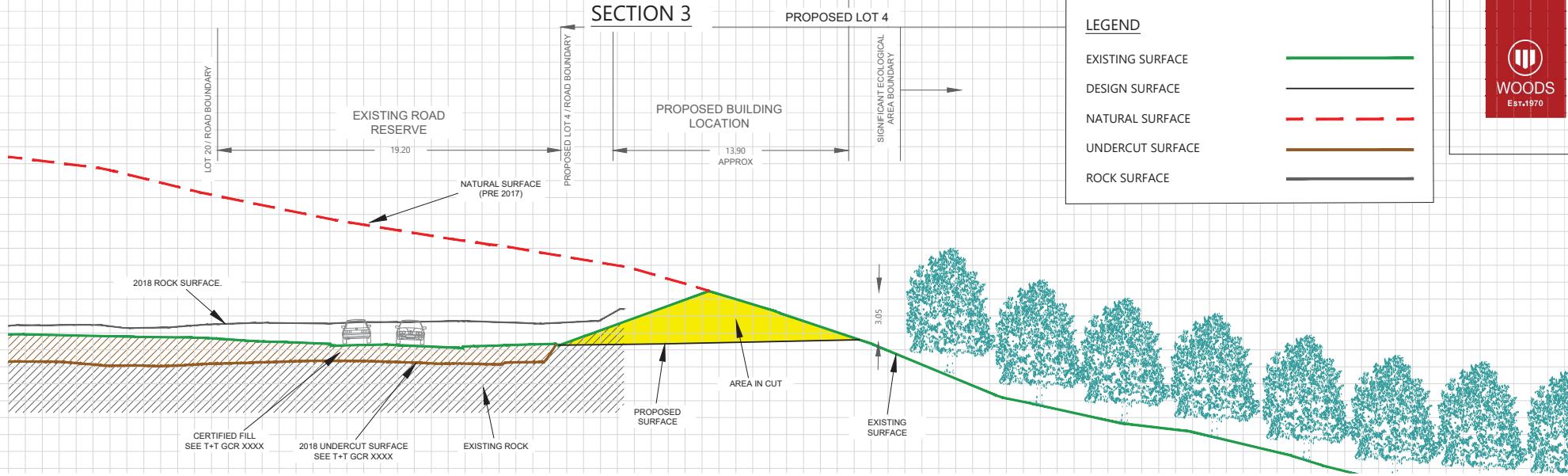
SCALEBAR (m) 7.5 15 37.5 SCALE 1:750 @ A3 | 1:375 @ A1

REVISION DETAILS					MILLWATER ARRAN POINT PARADE	JG LAND LTD
1	ISSUED FOR CONSENT	INT	DATE	SURVEYED		
		MB	AUG 2021	DESIGNED		
				DRAWN		
				CHECKED		
				APPROVED		
				MR		
				WOODS.CO.NZ		

OREWA WEST - PRECINCT 7  
GEOTECHNICAL SECTIONS



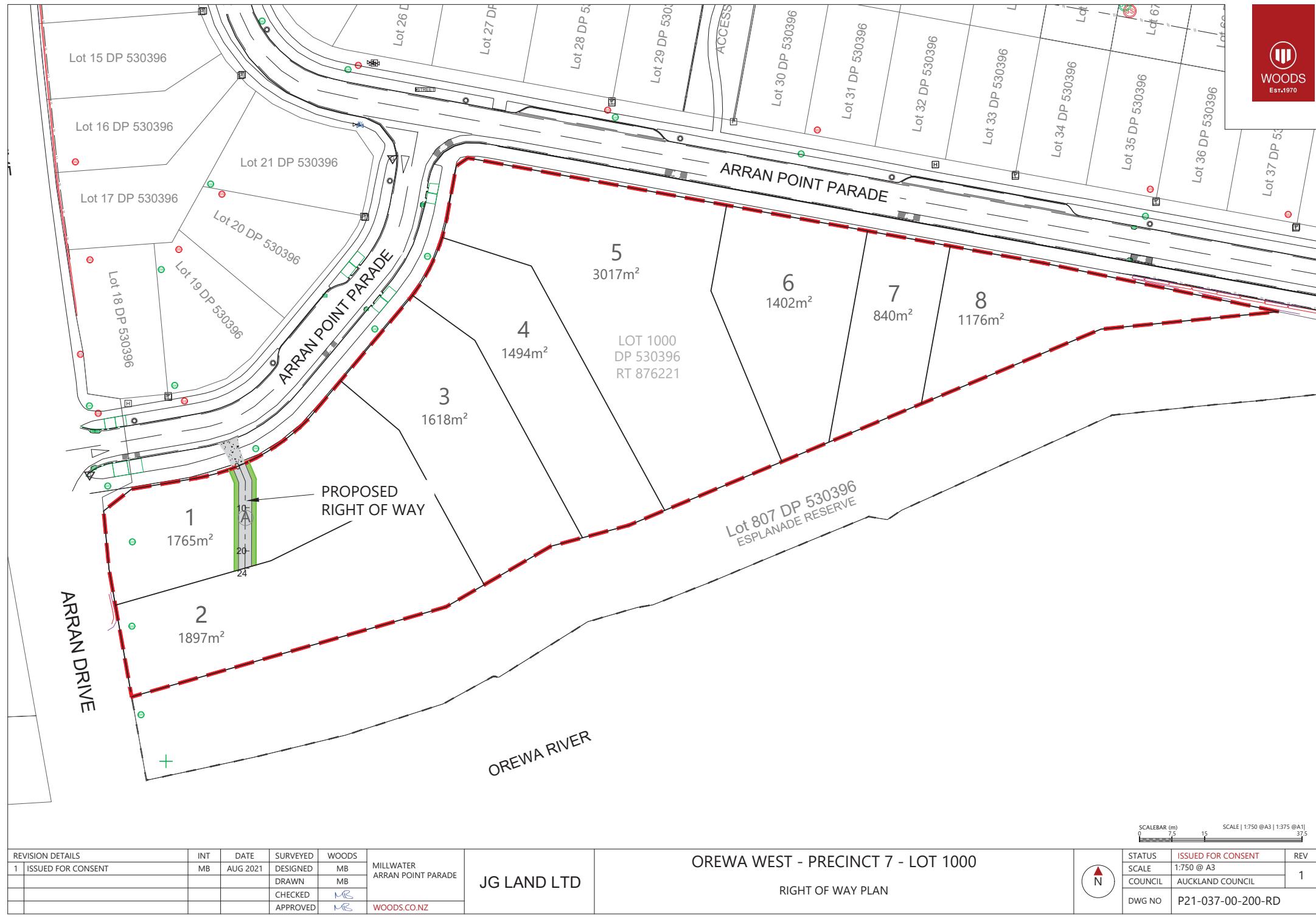
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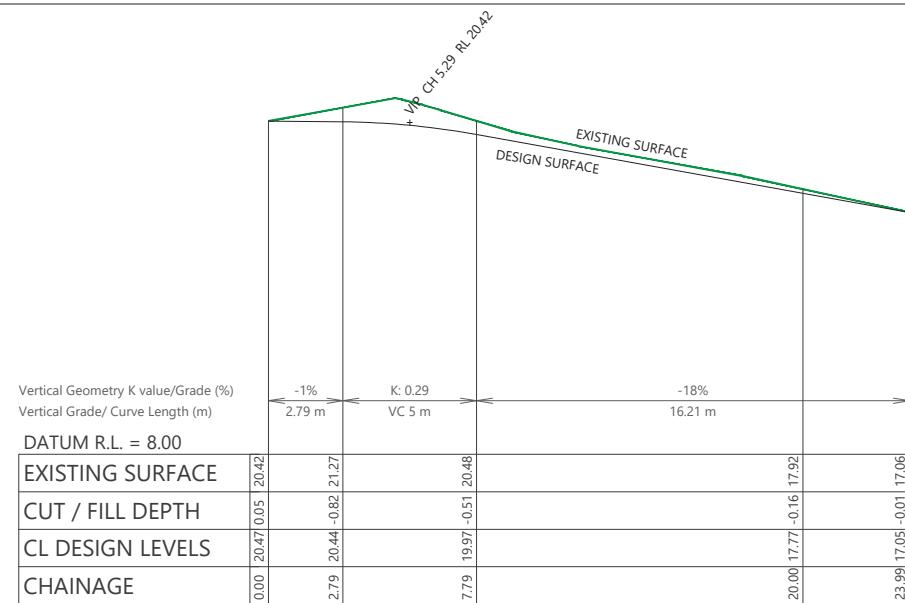
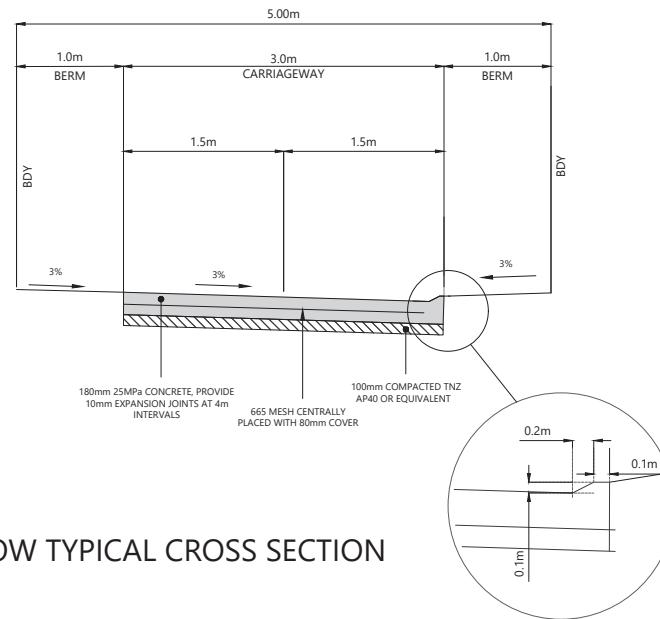


REVISION DETAILS		INT	DATE	SURVEYED	WOODS	MILLWATER ARRAN POINT PARADE
1	ISSUED FOR CONSENT	MB	AUG 2021	DESIGNED	MB	
				DRAWN	MB	
				CHECKED	MR	
				APPROVED	MR	WOODS.CO.NZ

**JG LAND LTD**
**OREWA WEST - PRECINCT 7**  
GEOTECHNICAL SECTIONS


STATUS	ISSUED FOR CONSENT	REV
SCALE	1:250 @ A3	
COUNCIL	AUCKLAND COUNCIL	1
DWG NO	P17-037-00-112-EW	





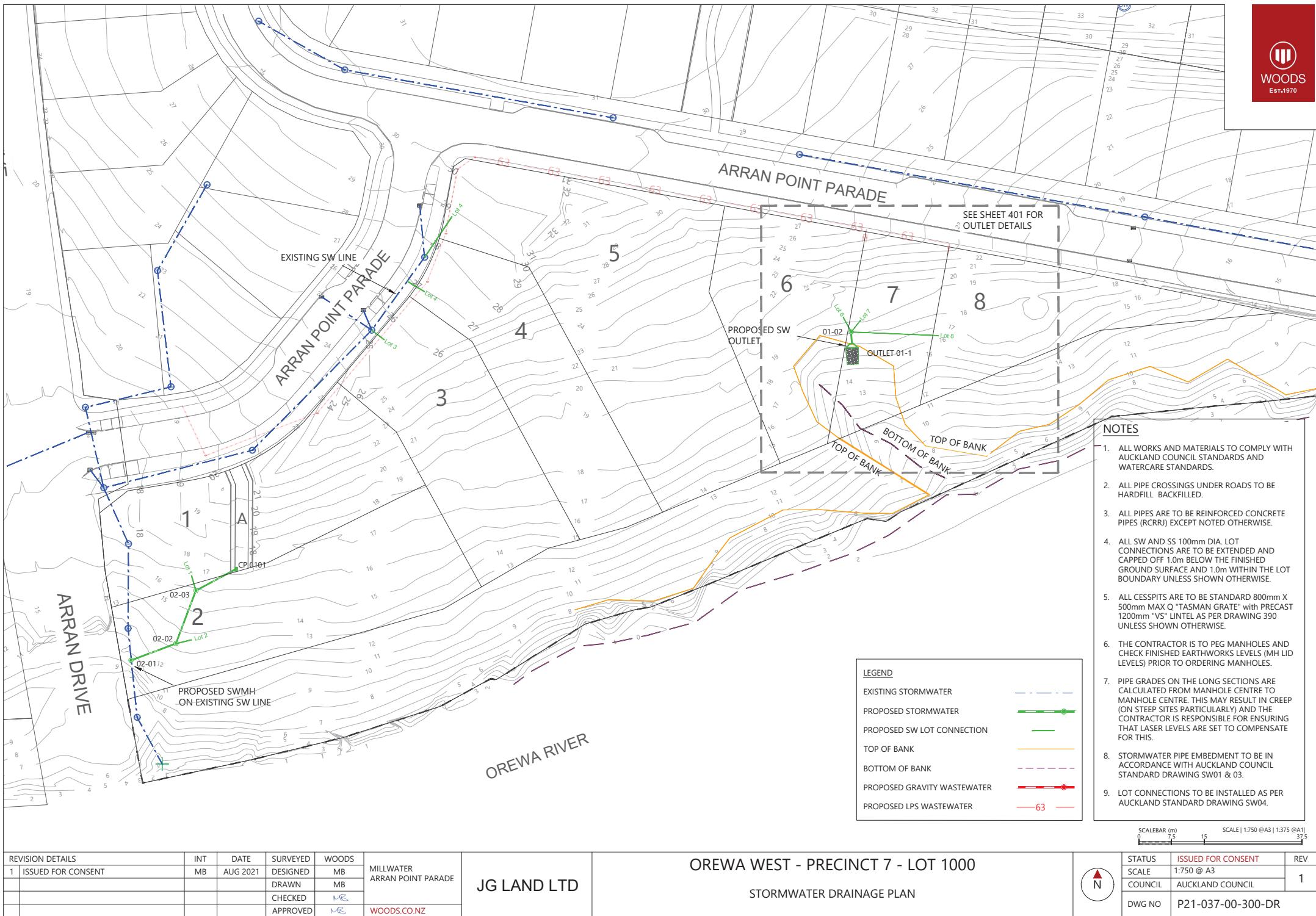
ROW LONGITUDINAL SECTION  
HORZ 1:200 VERT 1:200

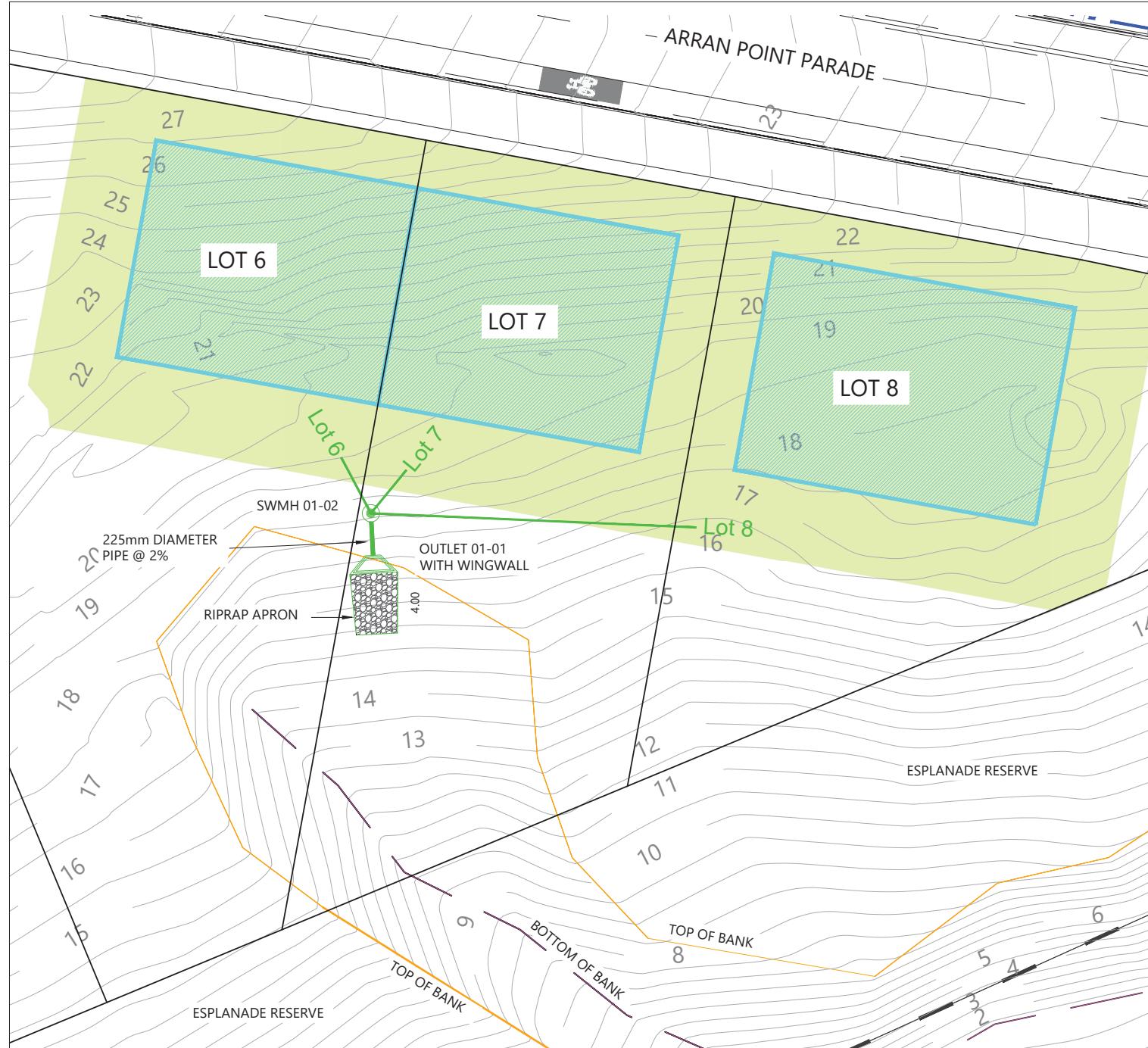
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				DRAWN	MB		
				CHECKED	MC		
				APPROVED	MC	WOODS.CO.NZ	

OREWA WEST - PRECINCT 7 - LOT 1000  
RIGHT OF WAY SECTIONS

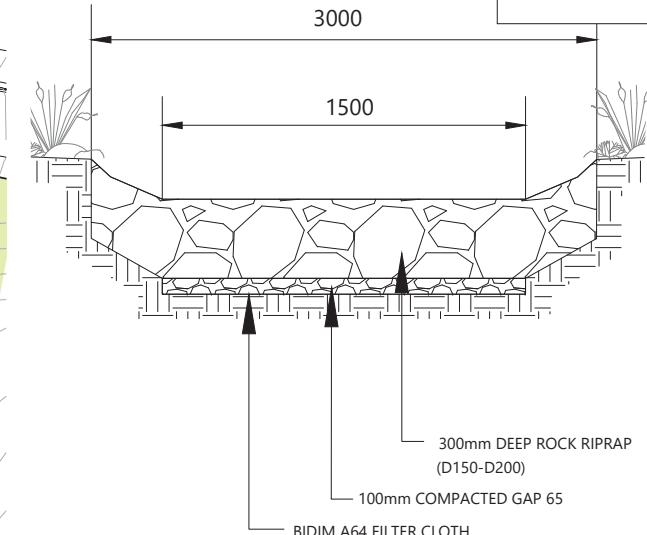
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SCALEBAR (m)  
0 7.5 15 37.5  
SCALE | 1:750 @ A3 | 1:375 @ A1





RIPRAP DETAIL  
NOT TO SCALE



CALCULATIONS

1. RATIONAL METHOD - RUNOFF.

10 YEAR EVENT

$Q = CIA$

$C = 0.7$

$I = 109$

$A = 1.457m^2$

$Q = 31l/s$

2. MANNINS - OUTLET PIPE CAPACITY

HYDRAULIC GRADIENT = 2%  
MANNINS CONSTANT = 0.012  
PIPE DIAMETER = 0.225m

$V = 1.73m/s$

$Q = 69l/s$

LEGEND

EXISTING WASTEWATER



PROPOSED STORMWATER



PROPOSED SW LOT CONNECTION

TOP OF BANK



BOTTOM OF BANK



AREA OUTSIDE FUTURE BUSH COVENANT



INDICATIVE BUILDING LOCATION



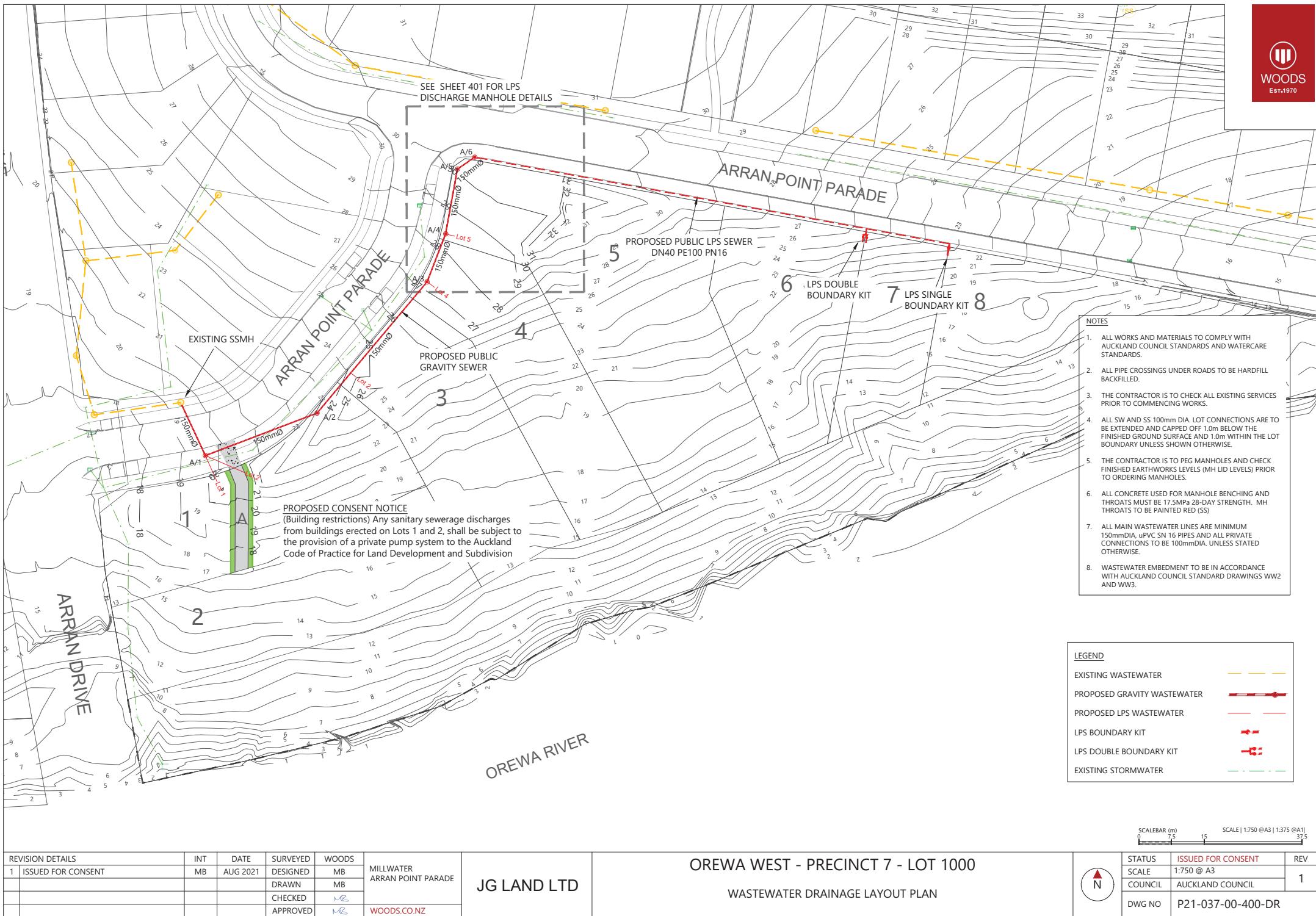
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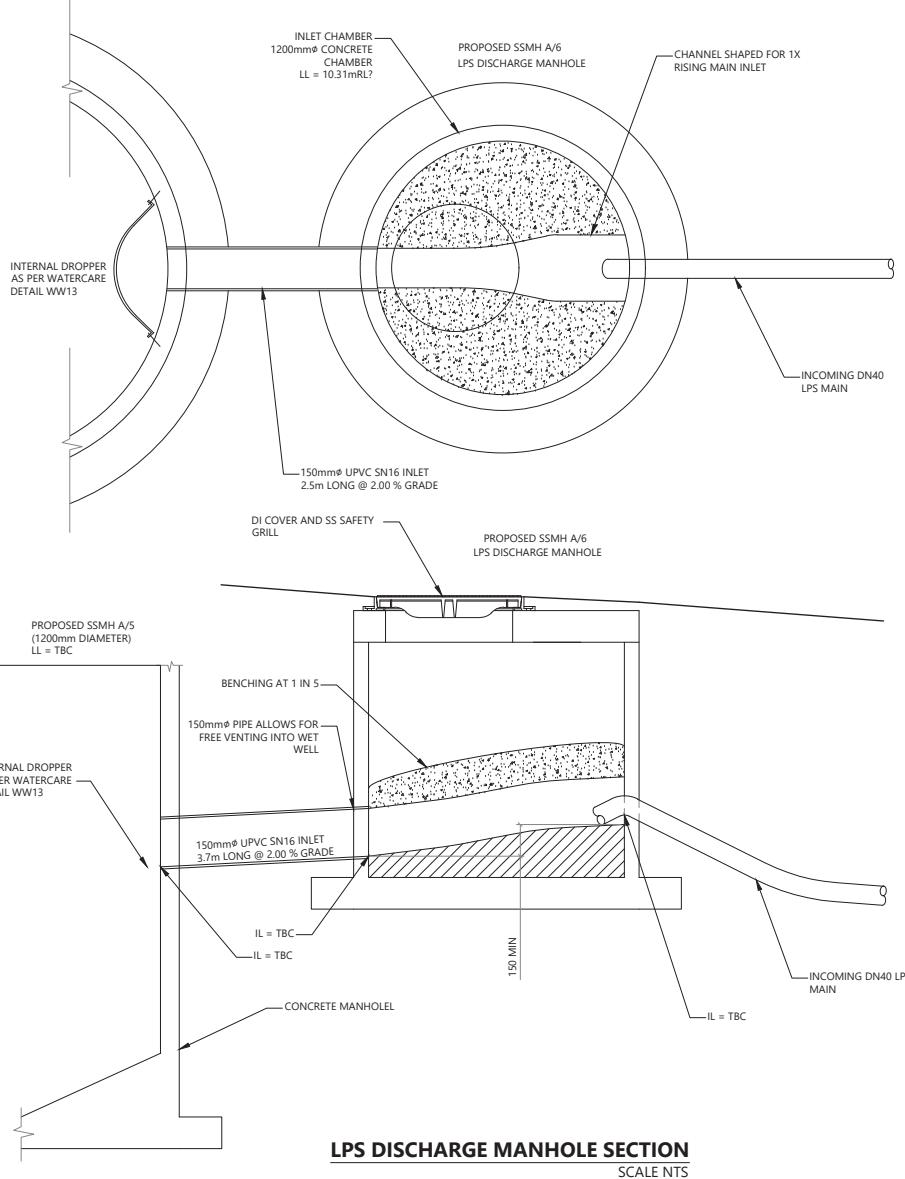
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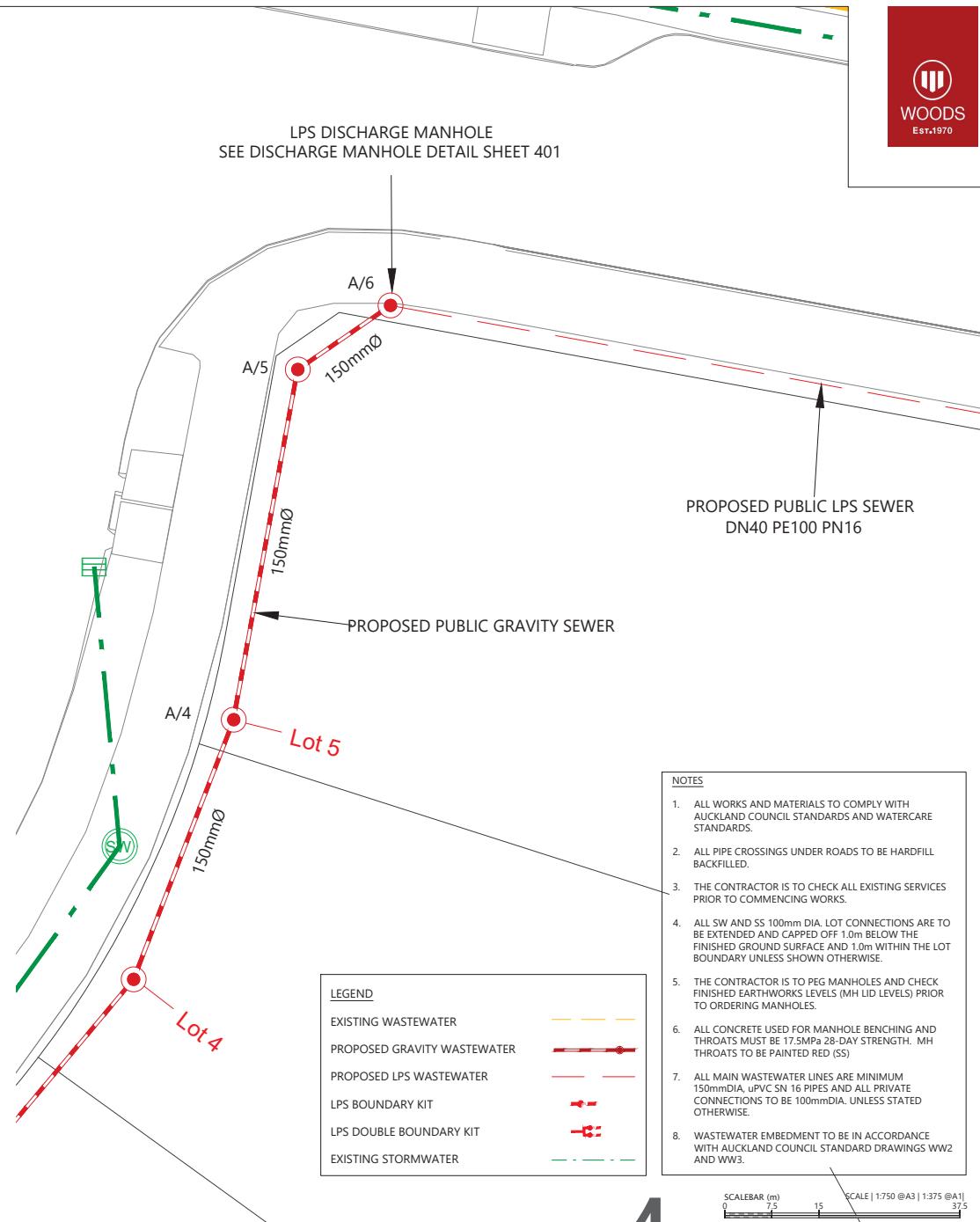
OREWA WEST - PRECINCT 7 - LOT 1000

STORMWATER OUTLET DETAILS





LPS DISCHARGE MANHOLE  
SEE DISCHARGE MANHOLE DETAIL SHEET 401



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OREWA WEST - PRECINCT 7 - LOT 1000

WASTEWATER LPS DISCHARGE MANHOLE DETAIL

N	STATUS	ISSUED FOR CONSENT	REV
	SCALE	1:200 @ A3	
	COUNCIL	AUCKLAND COUNCIL	1
	DWG NO	P21-037-00-401-DR	

