



JG LAND LTD

OREWA WEST
PRECINCT 7
LOT 1000

117 ARRAN POINT
PARADE
MILLWATER
AUCKLAND

DRAWINGS ISSUED FOR
RESOURCE CONSENT

AUGUST 2021

AUCKLAND COUNCIL

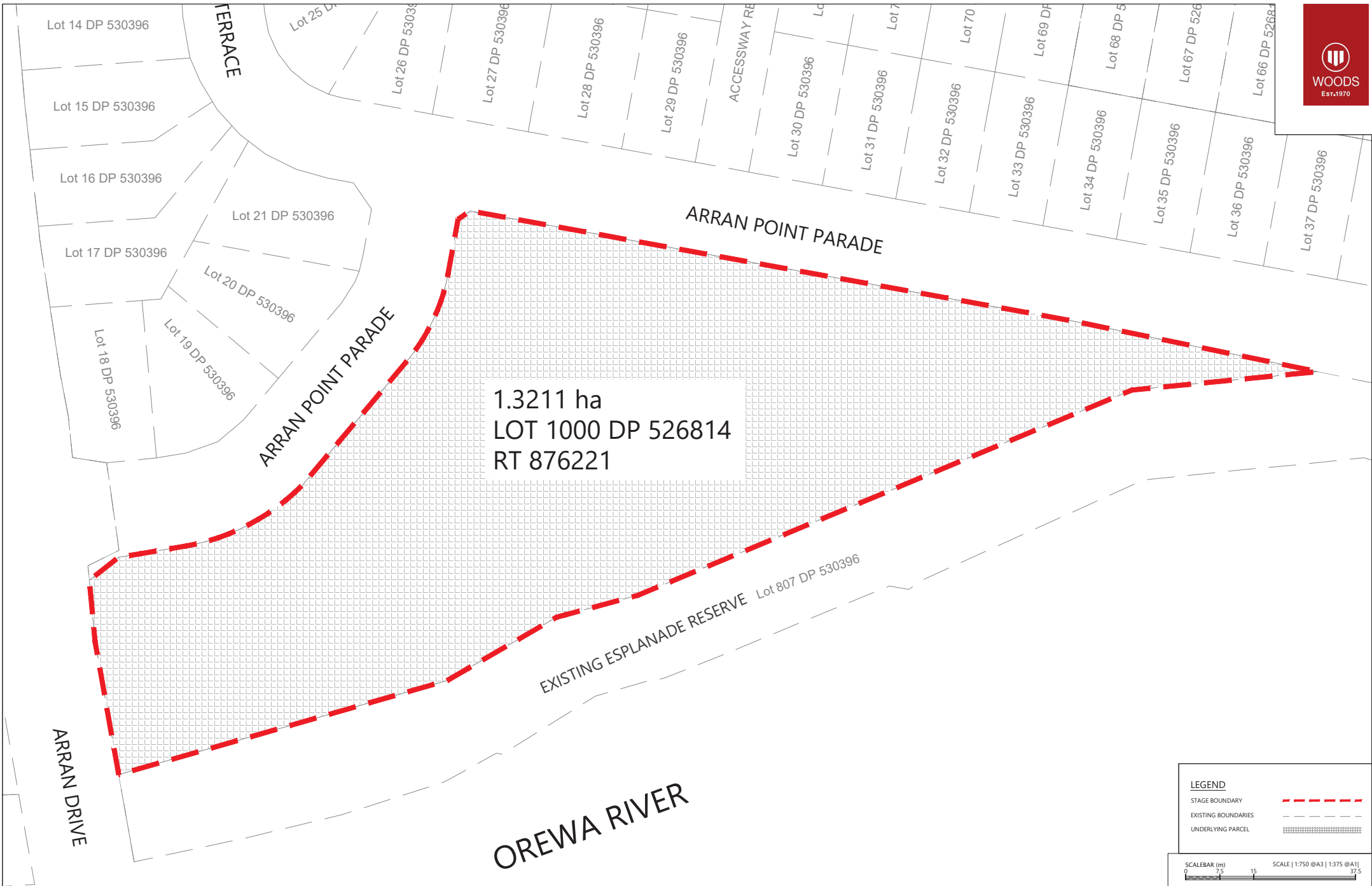
OREWA WEST - PRECINCT 7 - LOT 1000

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P21-037-00-005-GE	EXISTING FEATURES PLAN
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REVISION DETAILS					LOT 1000 ARRAN POINT MILLWATER	JG LAND LTD	332 WAINUI ROAD LOCALITY PLAN & DRAWING INDEX		STATUS			REV 1
1	ISSUED FOR CONSENT	NC	27/03/2020	DESIGNED	MB				SCALE	ISSUED FOR CONSENT	NTS	
				DRAWN	MB				COUNCIL	AUCKLAND COUNCIL		
				CHECKED					DWG NO	P18-276-000-INDEX		
				APPROVED								
					WOODS.CO.NZ							



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

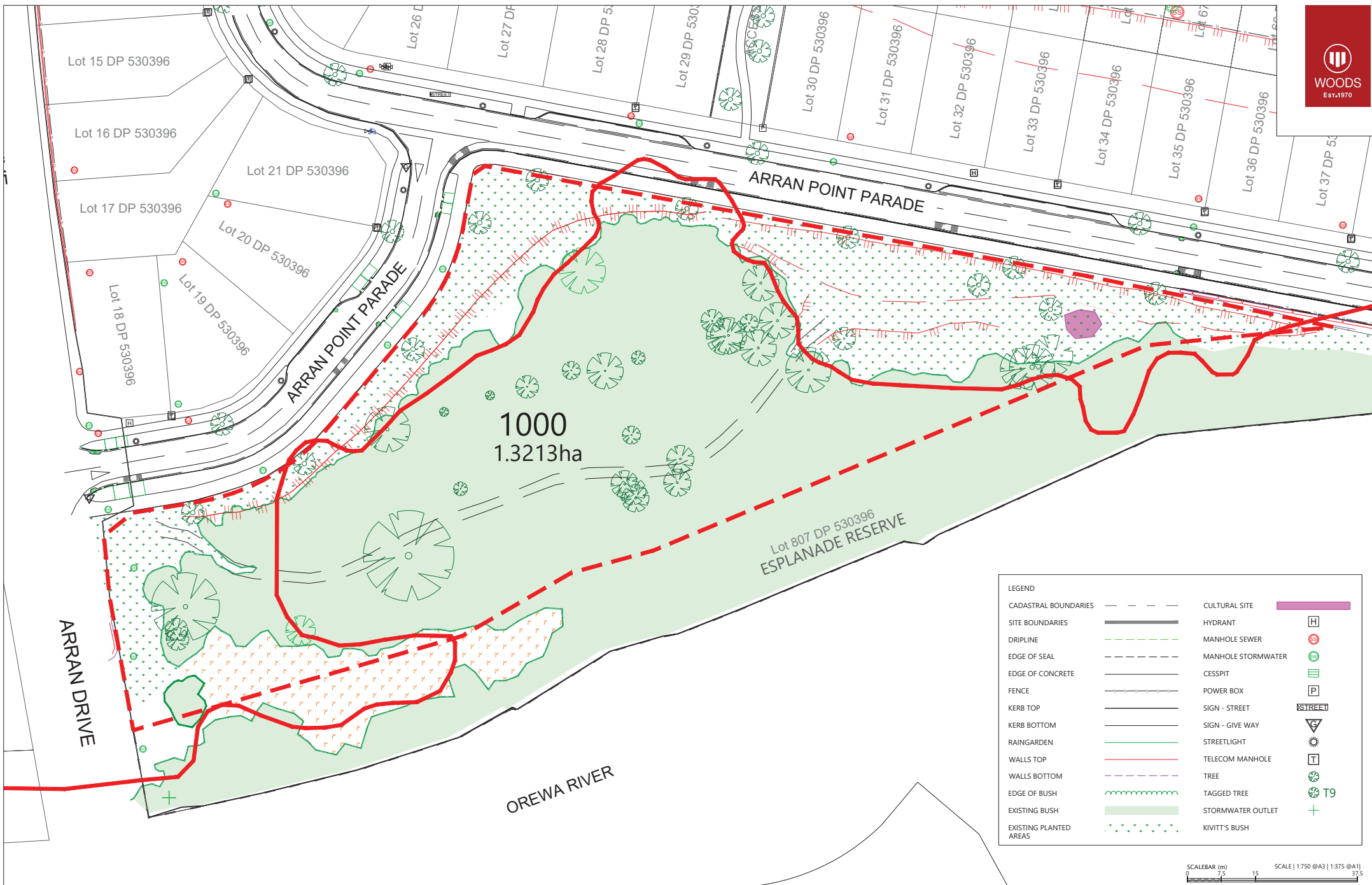
JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000

EXISTING TITLE BOUNDARY PLAN



<div><div><div>LEGEND</div><div><div>STAGE BOUNDARY</div><div>EXISTING BOUNDARIES</div><div>UNDERLYING PARCEL</div></div><div><div><div><div></div></div><div><div></div></div><div><div></div></div></div></div></div></div>		
<div><div><div>SCALEBAR (m)</div><div><div>0</div><div>7.5</div><div>15</div><div>37.5</div></div></div><div>SCALE 1:750 @A3 1:375 @A1 </div></div>		
STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-004	



LEGEND	
CADASTRAL BOUNDARIES	---
SITE BOUNDARIES	---
DRIPLINE	---
EDGE OF SEAL	---
EDGE OF CONCRETE	---
FENCE	---
KERB TOP	---
KERB BOTTOM	---
RAINGARDEN	---
WALLS TOP	---
WALLS BOTTOM	---
EDGE OF BUSH	---
EXISTING BUSH	---
EXISTING PLANTED AREAS	---
CULTURAL SITE	---
HYDRANT	---
MANHOLE SEWER	---
MANHOLE STORMWATER	---
CESSPIT	---
POWER BOX	---
SIGN - STREET	---
SIGN - GIVE WAY	---
STREETLIGHT	---
TELECOM MANHOLE	---
TREE	---
TAGGED TREE	---
STORMWATER OUTLET	---
KIVITT'S BUSH	---

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

REVISION DETAILS		INT	DATE	SURVEYED	WOODS	
1	ISSUED FOR CONSENT	MB	AUG 2016	DESIGNED	-	MILLWATER
				DRAWN	MB	ARRAN POINT PARADE
				CHECKED	MB	
				APPROVED	MB	WOODS.CO.NZ

OREWA WEST - PRECINCT 7 - LOT 1000

EXISTING FEATURES



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-005-GE	



PROPOSED MEMORANDUM OF EASEMENTS			
PURPOSE	SHOWN	SERVENT TENEMENT	DOMINANT TENEMENT
RIGHT OF WAY	AREA A	LOT 1 HEREON	LOT 2 HEREON

LAND COVENANT
AREA HATCHED BLUE WILL BE SUBJECT TO A BUSH COVENANT

UNDERLYING LAND INFORMATION		
CURRENT APPELLATION	RT	AREA (Ha)
LOT 1000 DP 530596	876221	1.3211

REVISION DETAILS		INT	DATE	SURVEYED	WOODS
1	ISSUED FOR CONSENT	MB	AUG 2021	DESIGNED	MB
				DRAWN	NN
				CHECKED	KR
				APPROVED	KR

MILLWATER ARRAN POINT PARADE
WOODS.CO.NZ

JG LAND LTD

OREWA WEST - LOT 1000 DP 530396
SCHEME PLAN
LOTS 1- 8 BEING A SUBDIVISION OF LOT 1000 DP 530396

	STATUS	ISSUED FOR CONSENT	REV
	SCALE	1:750 @ A3	1
	COUNCIL	AUCKLAND COUNCIL	
	DWG NO	P21-037-00-010-SC	



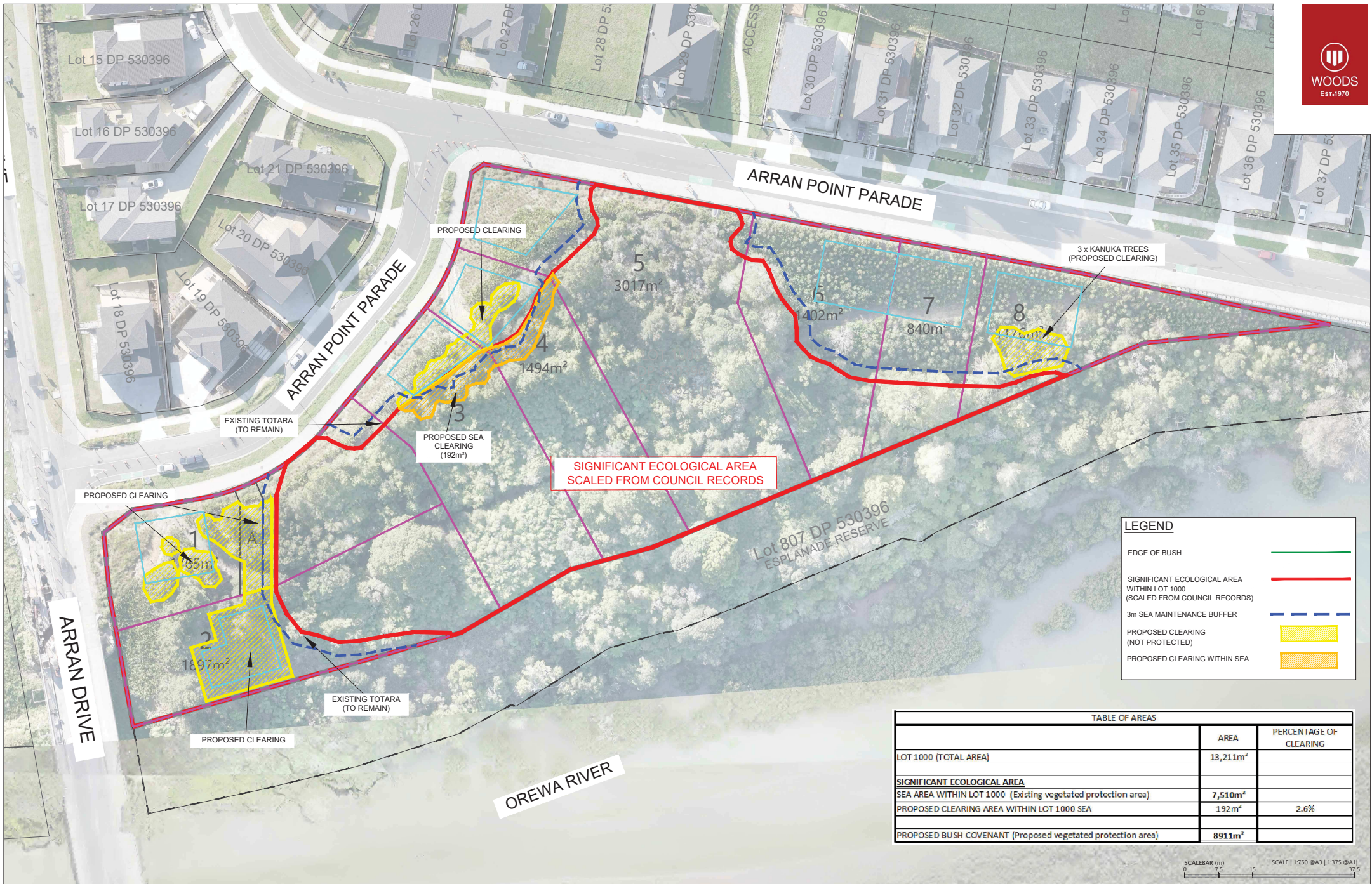
REVISION DETAILS		INT	DATE	SURVEYED	WOODS	MILLWATER ARRAN POINT PARADE JG LAND LTD WOODS.CO.NZ
1	ISSUED FOR CONSENT	MB	AUG 2021	DESIGNED	MB	
				DRAWN	MB	
				CHECKED	MB	
				APPROVED	MB	

JG LAND LTD

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

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





LEGEND

- EDGE OF BUSH
- SIGNIFICANT ECOLOGICAL AREA WITHIN LOT 1000 (SCALED FROM COUNCIL RECORDS)
- 3m SEA MAINTENANCE BUFFER
- PROPOSED CLEARING (NOT PROTECTED)
- PROPOSED CLEARING WITHIN SEA

TABLE OF AREAS		
	AREA	PERCENTAGE OF CLEARING
LOT 1000 (TOTAL AREA)	13,211m ²	
SIGNIFICANT ECOLOGICAL AREA		
SEA AREA WITHIN LOT 1000 (Existing vegetated protection area)	7,510m ²	
PROPOSED CLEARING AREA WITHIN LOT 1000 SEA	192m ²	2.6%
PROPOSED BUSH COVENANT (Proposed vegetated protection area)	8911m ²	

SCALEBAR (m) 0 7.5 15 37.5
SCALE | 1:750 @A3 | 1:375 @A1 | 1:375 @A11

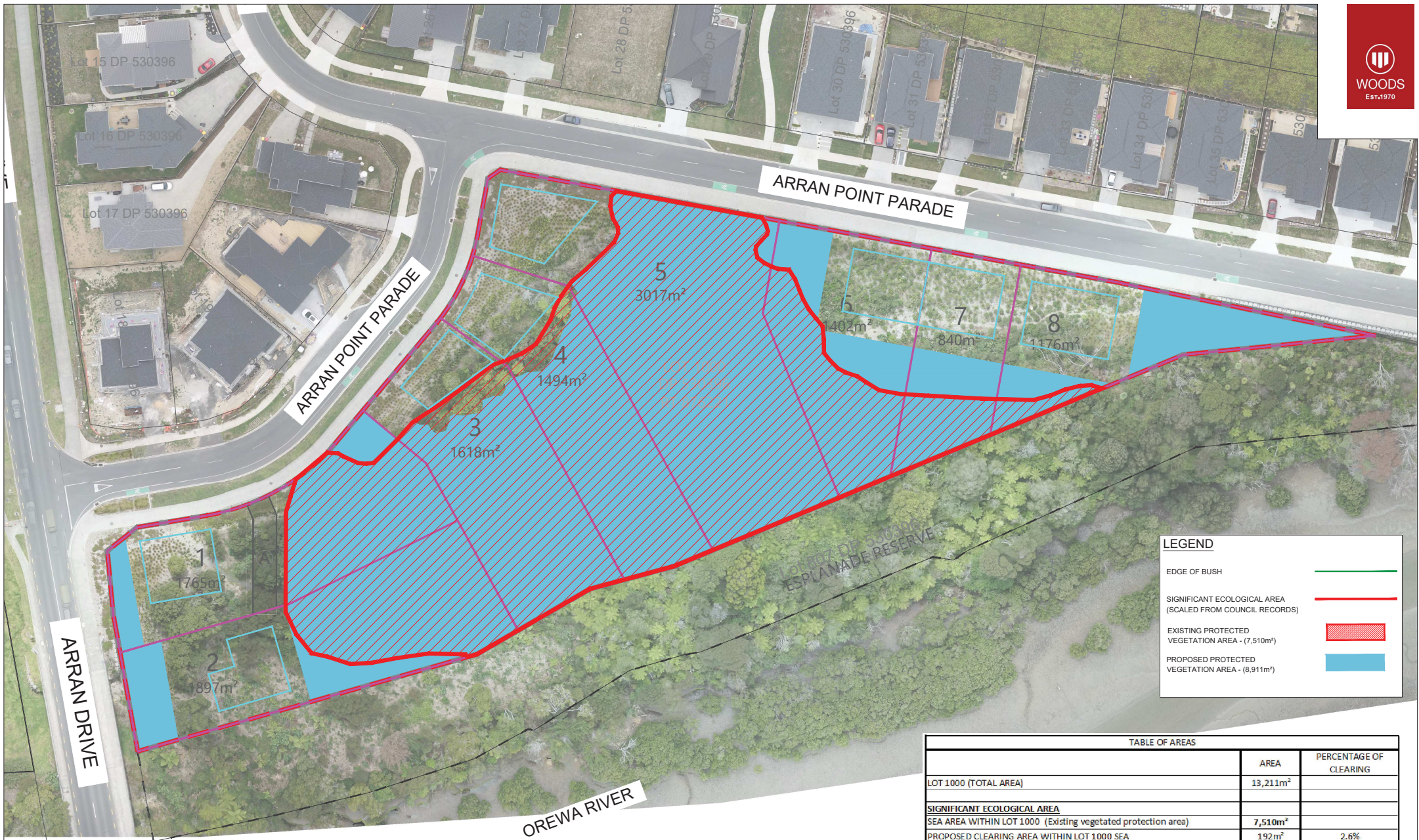
REVISION DETAILS		INT	DATE	SURVEYED	WOODS	
1	ISSUED FOR CONSENT	MB		DESIGNED	MB	MILLWATER ARRAN POINT PARADE
				DRAWN	MB	
				CHECKED	MR	
				APPROVED	MR	WOODS.CO.NZ

JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000
PROPOSED VEGETATION REMOVAL



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



LEGEND

EDGE OF BUSH —

SIGNIFICANT ECOLOGICAL AREA (SCALED FROM COUNCIL RECORDS) —

EXISTING PROTECTED VEGETATION AREA - (7,510m²)

PROPOSED PROTECTED VEGETATION AREA - (8,911m²)

TABLE OF AREAS		
	AREA	PERCENTAGE OF CLEARING
LOT 1000 (TOTAL AREA)	13,211m²	
SIGNIFICANT ECOLOGICAL AREA		
SEA AREA WITHIN LOT 1000 (Existing vegetated protection area)	7,510m²	
PROPOSED CLEARING AREA WITHIN LOT 1000 SEA	192m²	2.6%
PROPOSED BUSH COVENANT (Proposed vegetated protection area)	8911m²	



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

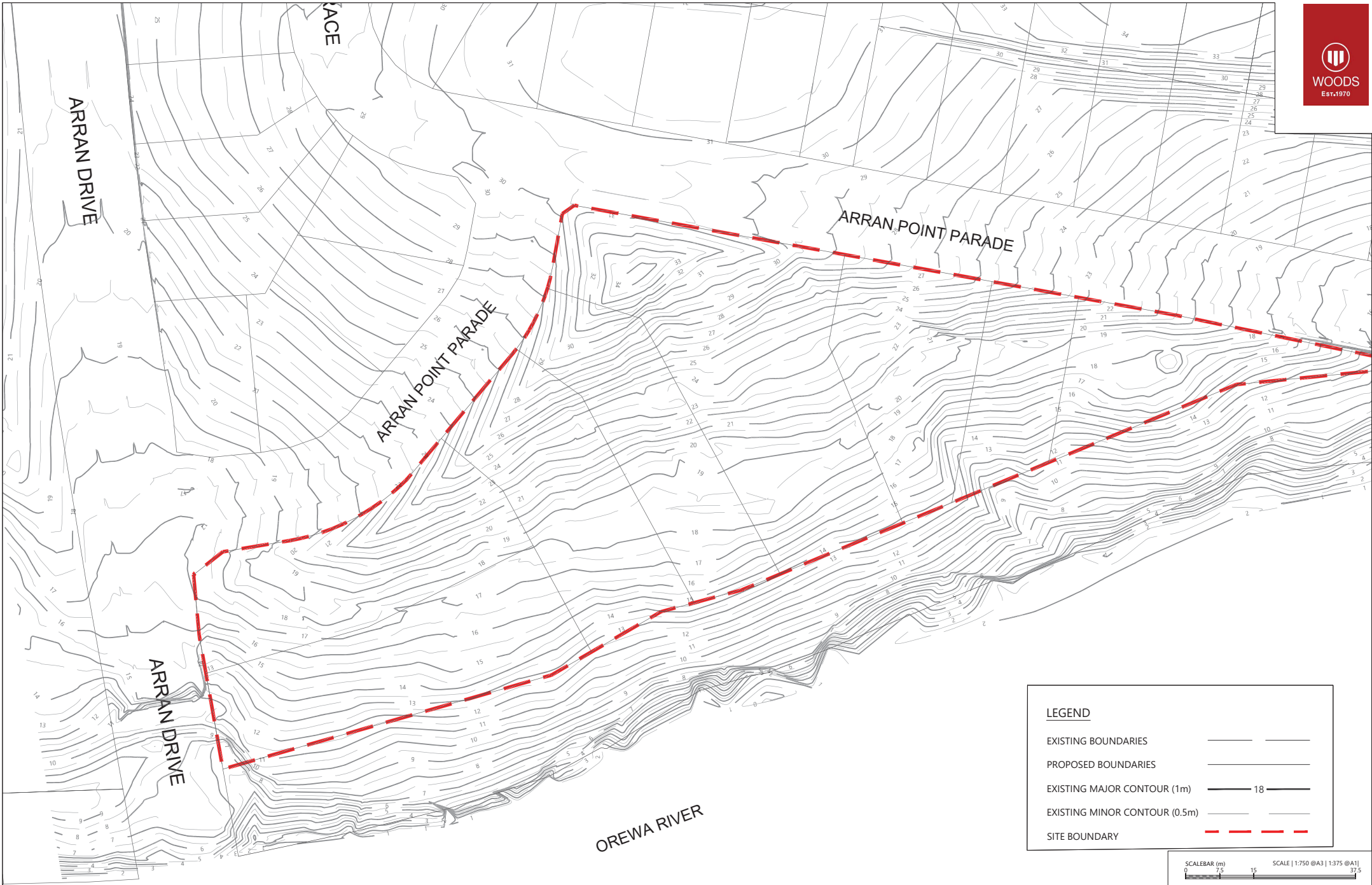
JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000

PROPOSED BUSH PROTECTION AREA



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



LEGEND

EXISTING BOUNDARIES _____

PROPOSED BOUNDARIES _____

EXISTING MAJOR CONTOUR (1m) ——— 18 ———

EXISTING MINOR CONTOUR (0.5m) _____

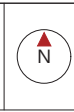
SITE BOUNDARY - - - - -



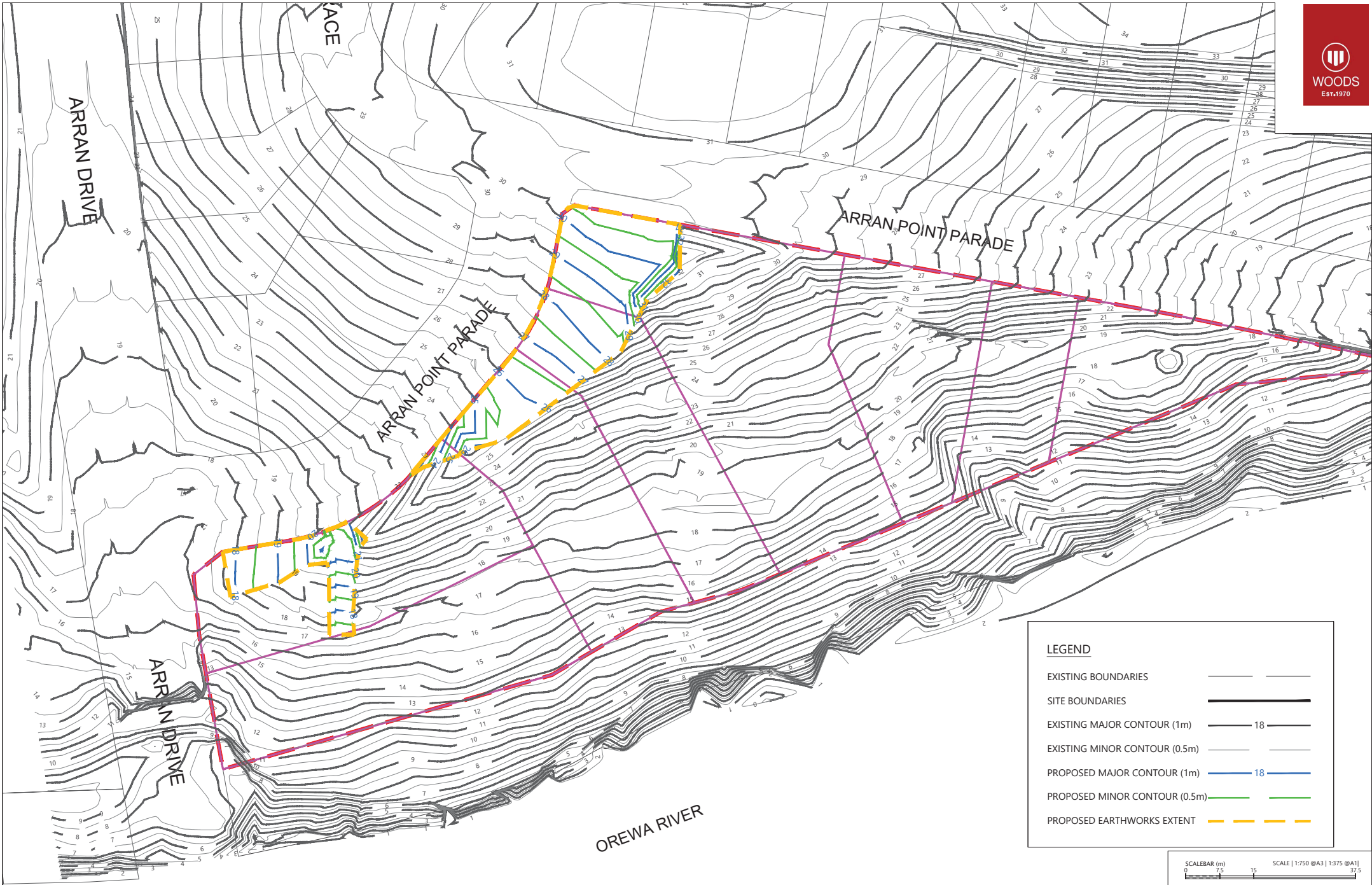
REVISION DETAILS		INT	DATE	SURVEYED	WOODS	MILLWATER ARRAN POINT PARADE
1	ISSUED FOR CONSENT	MB	AUG 2021	DESIGNED	MB	
				DRAWN	MB	
				CHECKED	MB	
				APPROVED	MB	WOODS.CO.NZ

JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000
EXISTING CONTOUR PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-100-EW	



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

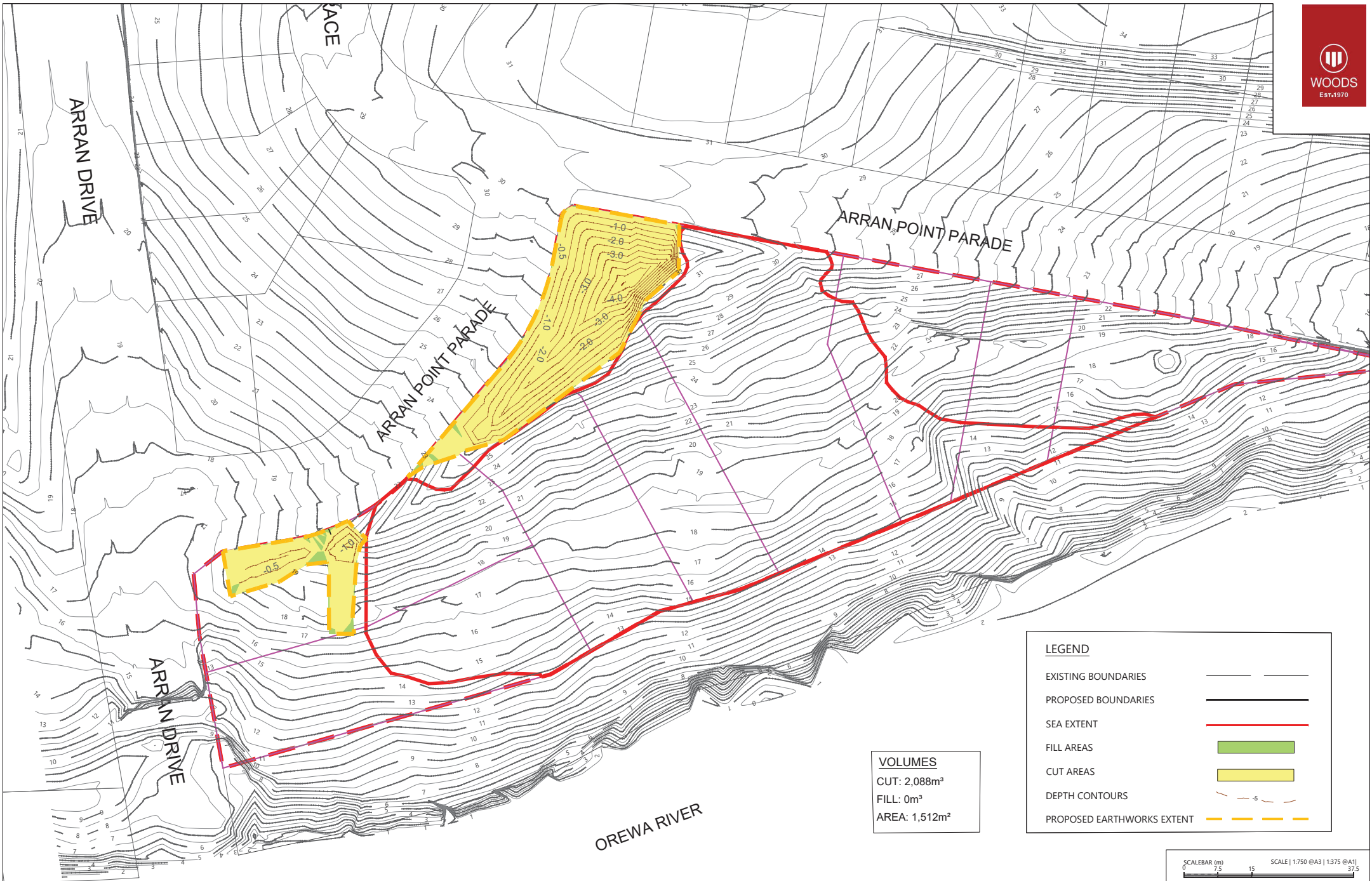
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OREWA WEST - PRECINCT 7 - LOT 1000

PROPOSED CONTOUR PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-101-EW	



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

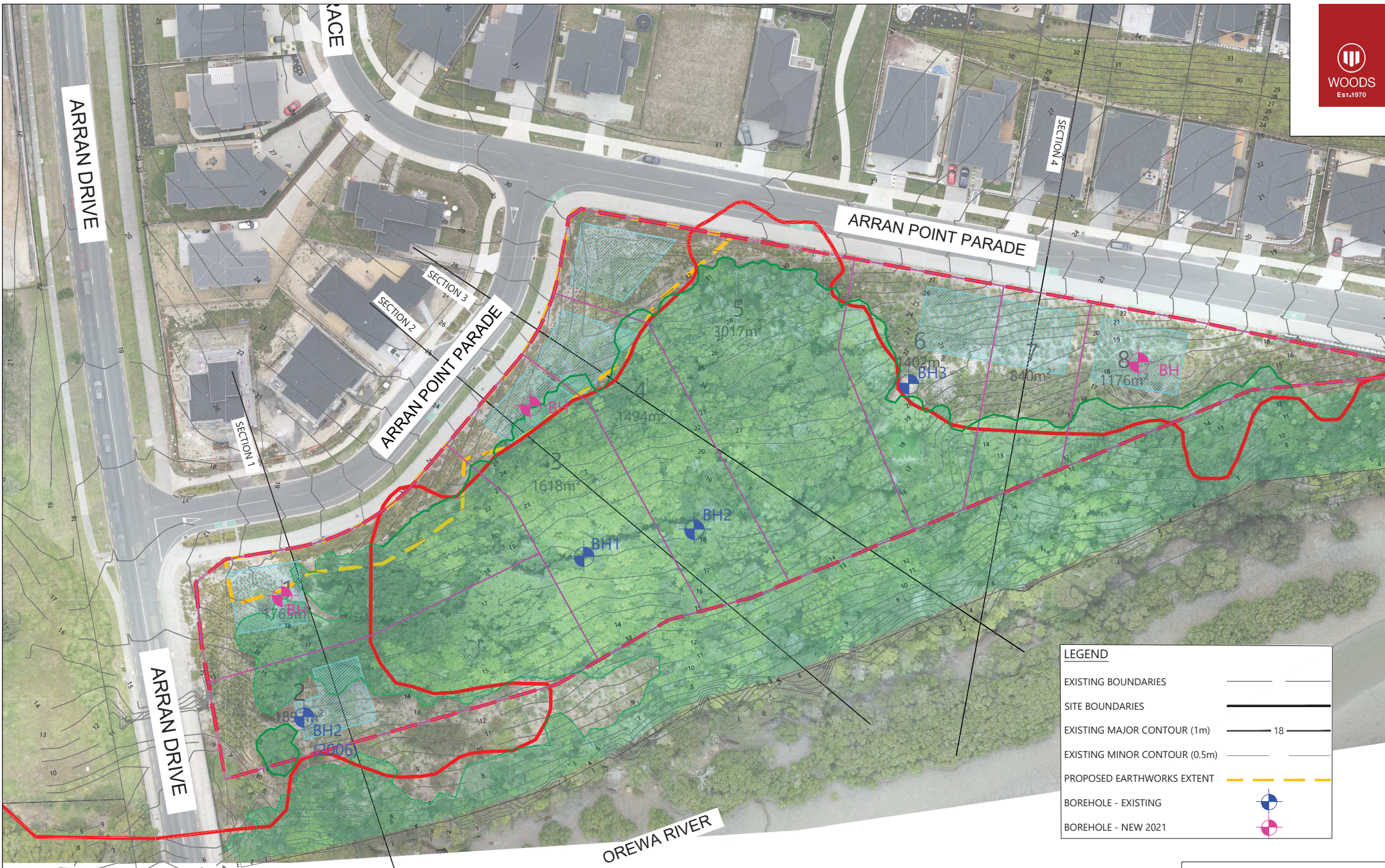
JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000

CUT FILL PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-102-EW	



LEGEND

EXISTING BOUNDARIES ————

SITE BOUNDARIES ————

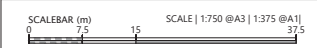
EXISTING MAJOR CONTOUR (1m) ———— 18 ————

EXISTING MINOR CONTOUR (0.5m) ————

PROPOSED EARTHWORKS EXTENT ————

BOREHOLE - EXISTING

BOREHOLE - NEW 2021



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

MILLWATER
ARRAN POINT PARADE

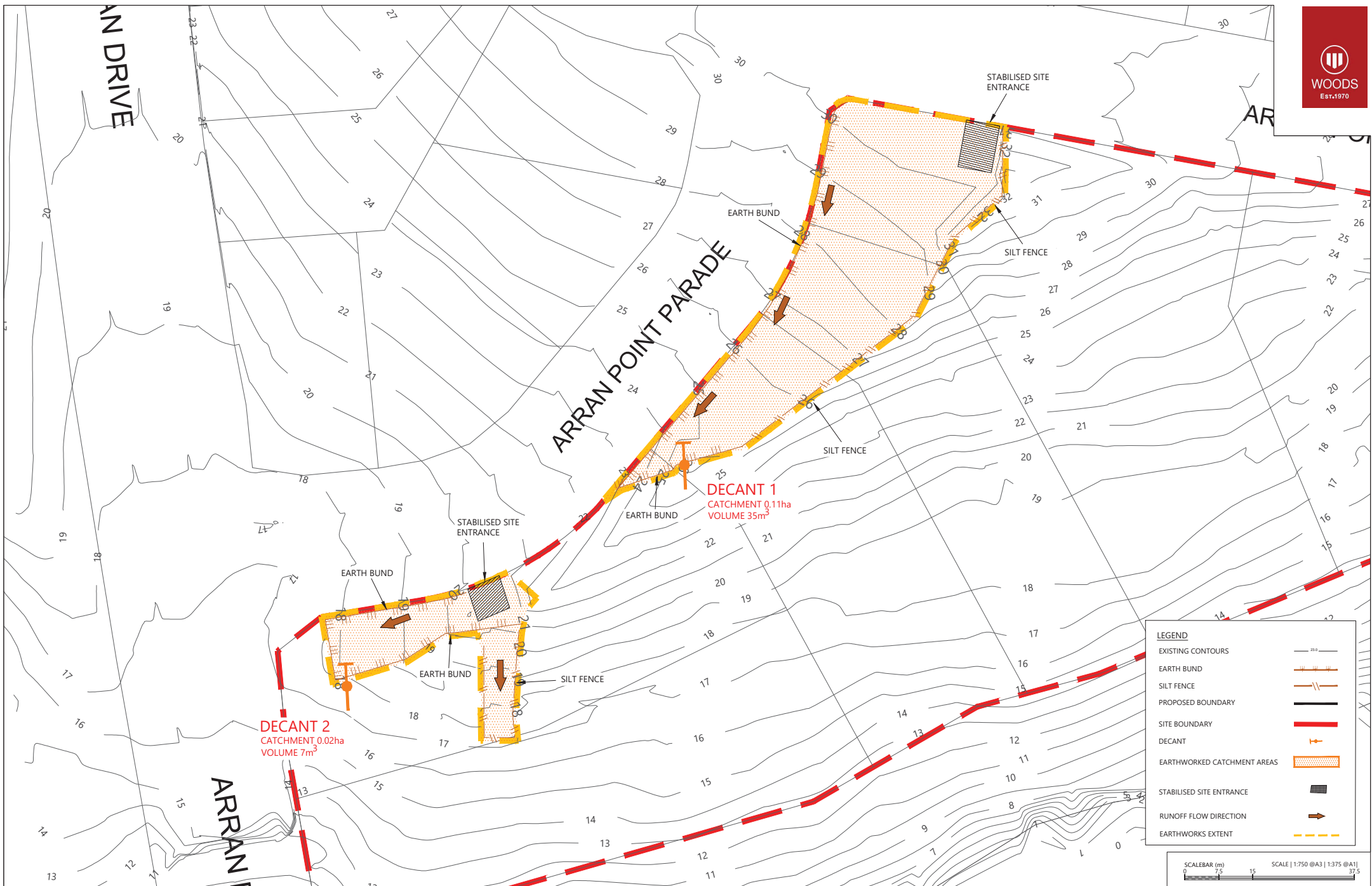
JG LAND LTD











OREWA WEST - PRECINCT 7

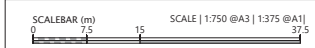
GEOTECHNICAL PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-110-EW	



LEGEND	
EXISTING CONTOURS	
EARTH BUND	
SILT FENCE	
PROPOSED BOUNDARY	
SITE BOUNDARY	
DECANT	
EARTHWORKED CATCHMENT AREAS	
STABILISED SITE ENTRANCE	
RUNOFF FLOW DIRECTION	
EARTHWORKS EXTENT	



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

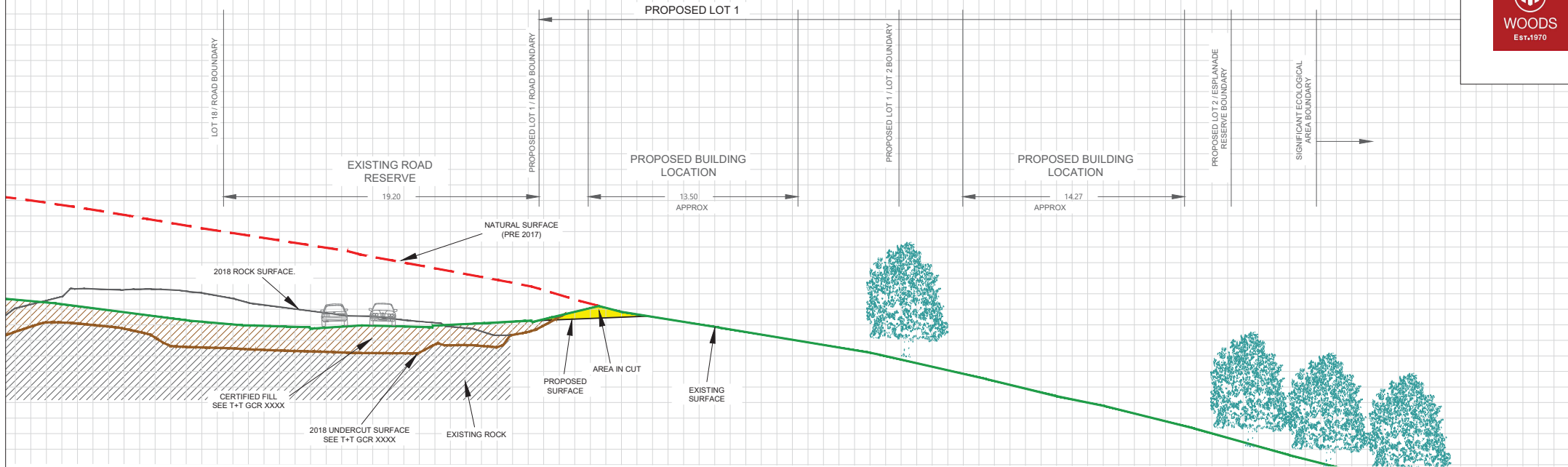
MILLWATER ARRAN POINT PARADE	JG LAND LTD
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OREWA WEST - PRECINCT 7 - LOT 1000
SEDIMENT AND EROSION CONTROL PLAN

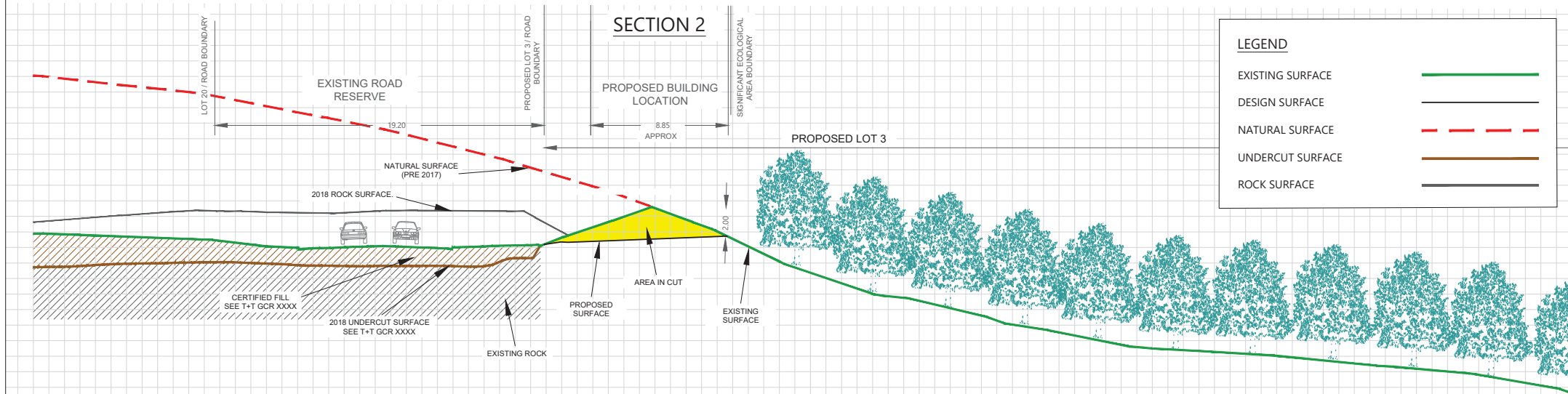
STATUS	ISSUED FOR CONSENT	REV
SCALE	1:500 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-103-EW	








SECTION 1





SECTION 2



LEGEND

EXISTING SURFACE	
DESIGN SURFACE	
NATURAL SURFACE	
UNDERCUT SURFACE	
ROCK SURFACE	

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

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

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OREWA WEST - PRECINCT 7

GEOTECHNICAL SECTIONS



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-111-EW	

SECTION 3

PROPOSED LOT 4

LEGEND

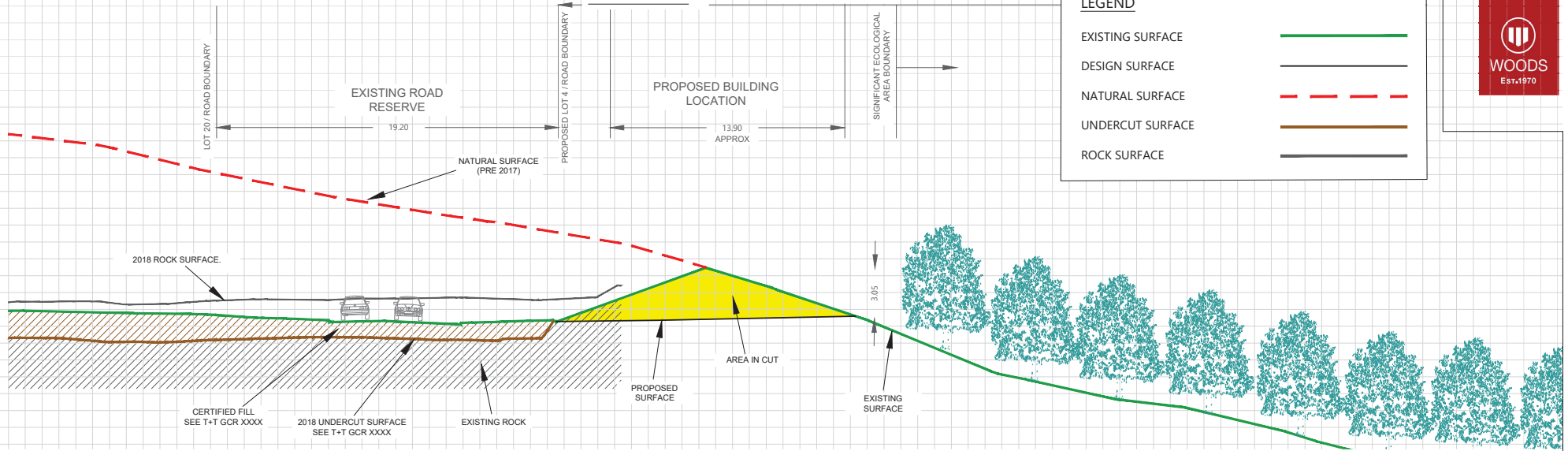
EXISTING SURFACE

DESIGN SURFACE

NATURAL SURFACE

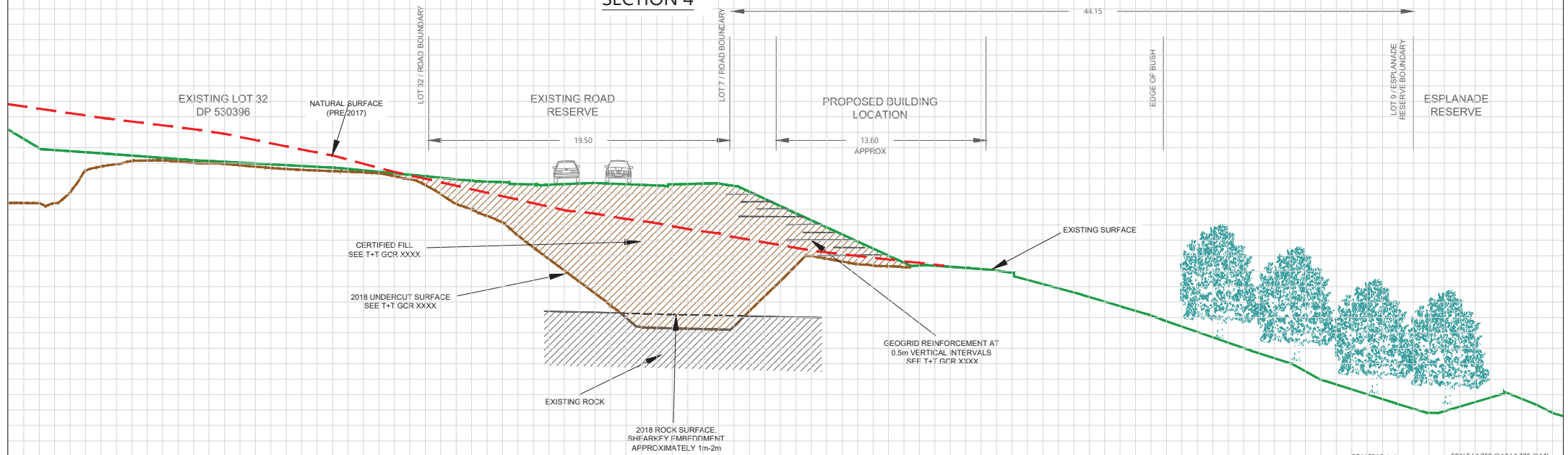
UNDERCUT SURFACE

ROCK SURFACE



SECTION 4

PROPOSED LOT 7



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

JG LAND LTD

OREWA WEST - PRECINCT 7

GEOTECHNICAL SECTIONS



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

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



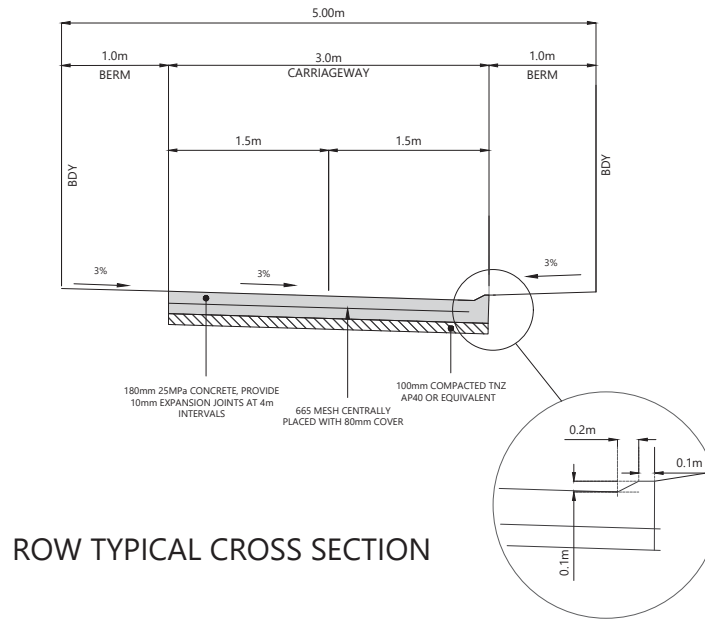
REVISION DETAILS		INT	DATE	SURVEYED	WOODS	MILLWATER ARRAN POINT PARADE JG LAND LTD WOODS.CO.NZ
1	ISSUED FOR CONSENT	MB	AUG 2021	DESIGNED	MB	
				DRAWN	MB	
				CHECKED	MB	
				APPROVED	MB	

OREWA WEST - PRECINCT 7 - LOT 1000

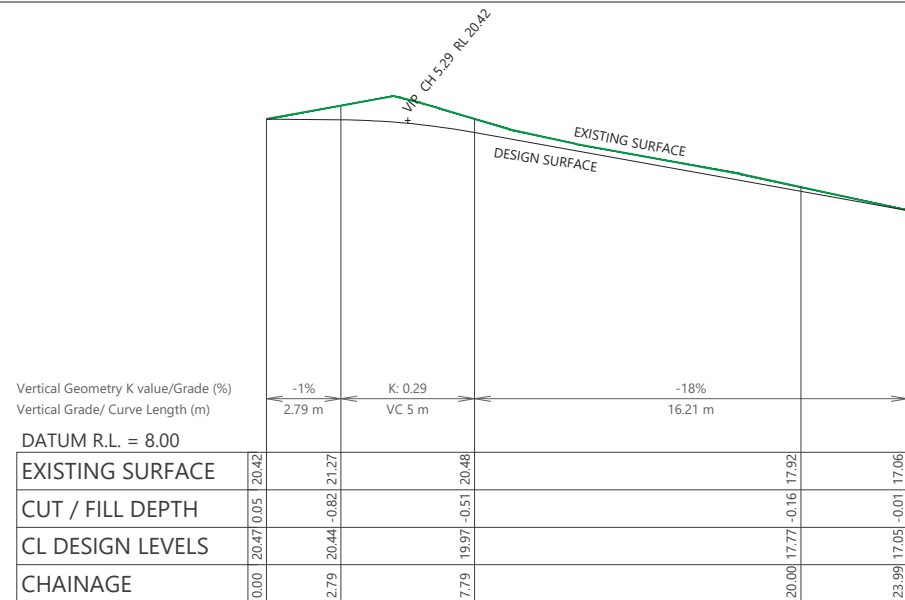
RIGHT OF WAY PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-200-RD	



ROW TYPICAL CROSS SECTION



ROW LONGITUDINAL SECTION

HORZ 1:200 VERT 1:200

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
1	ISSUED FOR CONSENT	MB	AUG 2021	DESIGNED	MB	
				DRAWN	MB	
				CHECKED	ME	
				APPROVED	ME	WOODS.CO.NZ

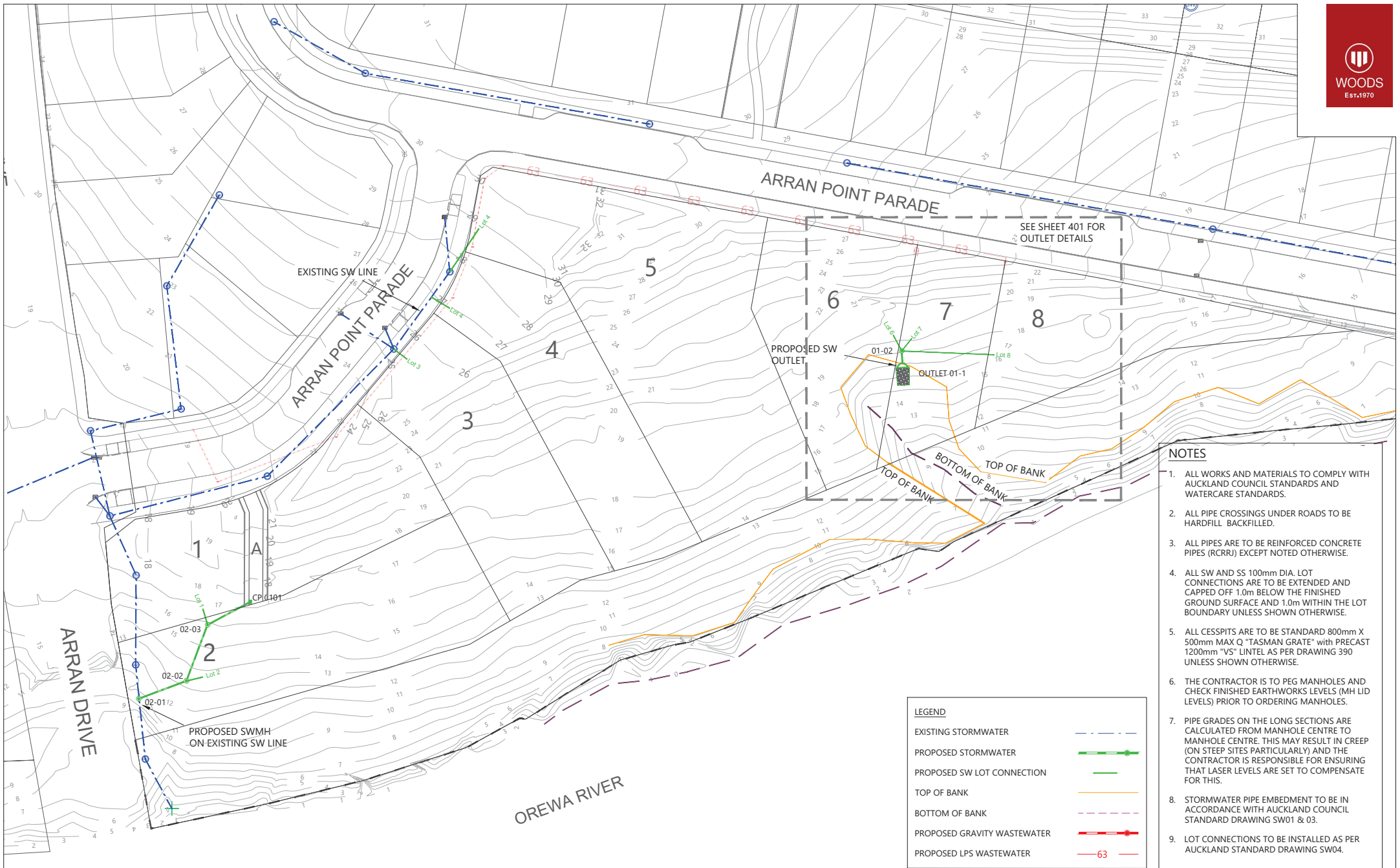
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OREWA WEST - PRECINCT 7 - LOT 1000

RIGHT OF WAY SECTIONS



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-201-RD	



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

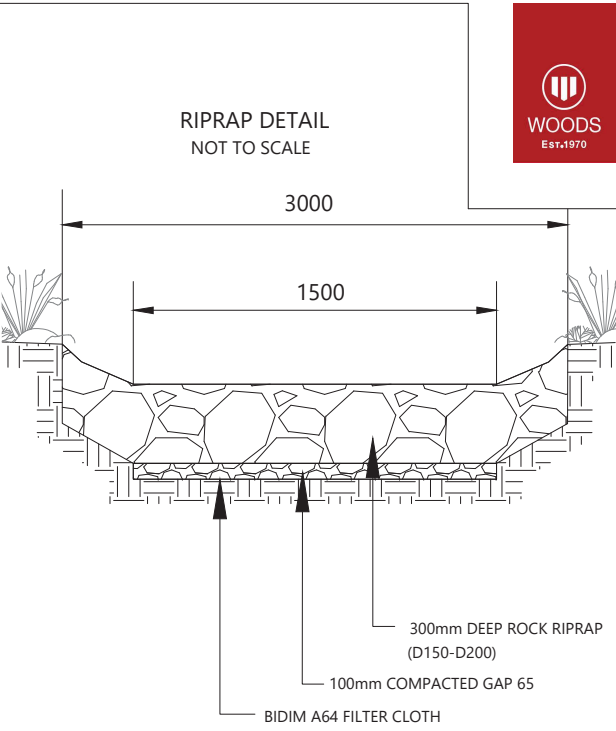
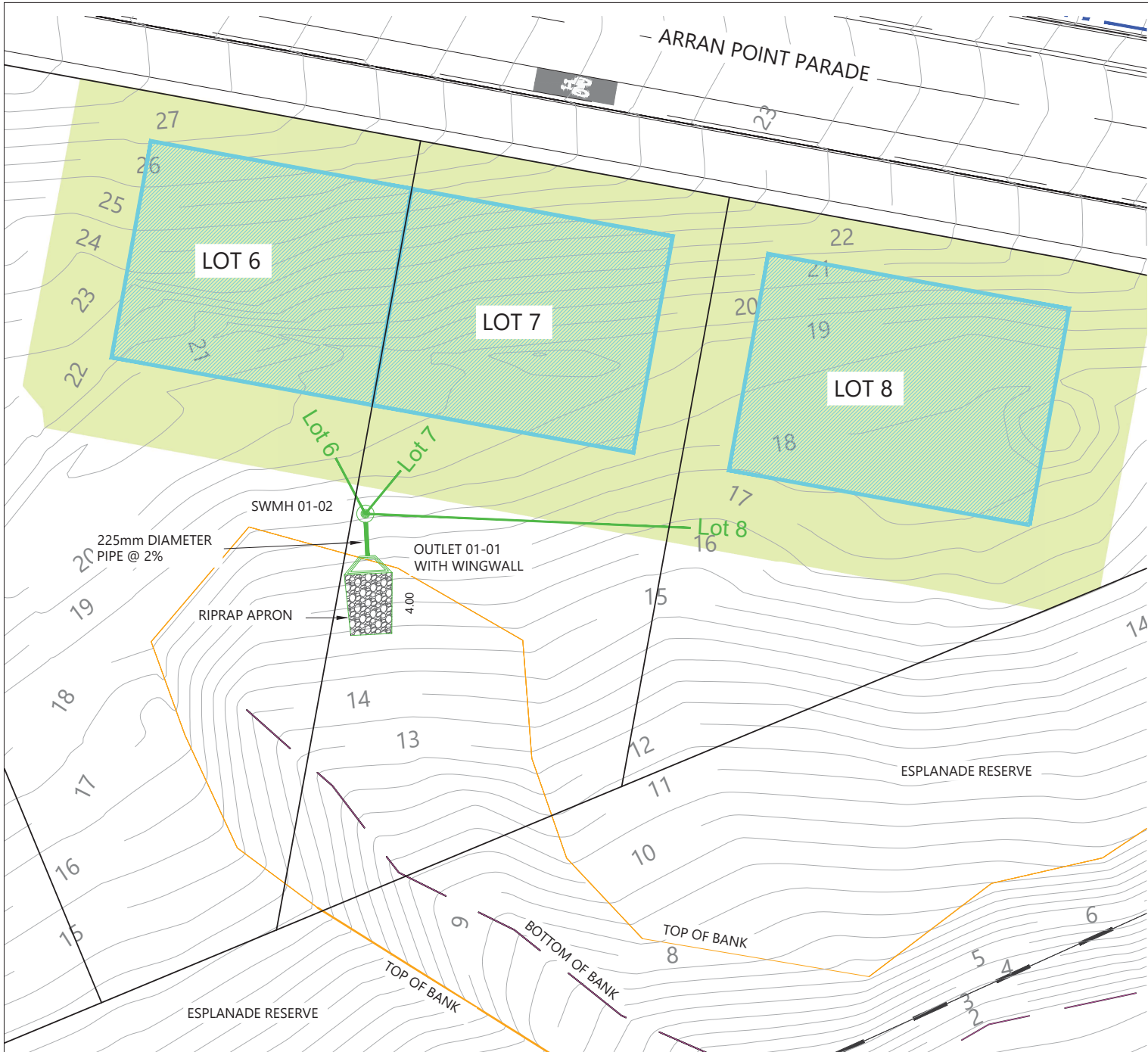
JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000

STORMWATER DRAINAGE PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-300-DR	



CALCULATIONS

- RATIONAL METHOD - RUNOFF.
10 YEAR EVENT
 $Q = CIA$
 $C = 0.7$
 $I = 109$
 $A = 1,457m^2$
 $Q = 31l/s$
- MANNINGS - OUTLET PIPE CAPACITY
HYDRAULIC GRADIENT = 2%
MANNINGS 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: [Green Shaded Area]
- INDICATIVE BUILDING LOCATION: [Blue Outlined Area]

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

JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000
STORMWATER OUTLET DETAILS

	STATUS	ISSUED FOR CONSENT	REV
	SCALE	1:200 @ A3	1
	COUNCIL	AUCKLAND COUNCIL	
	DWG NO	P21-037-00-301-DR	

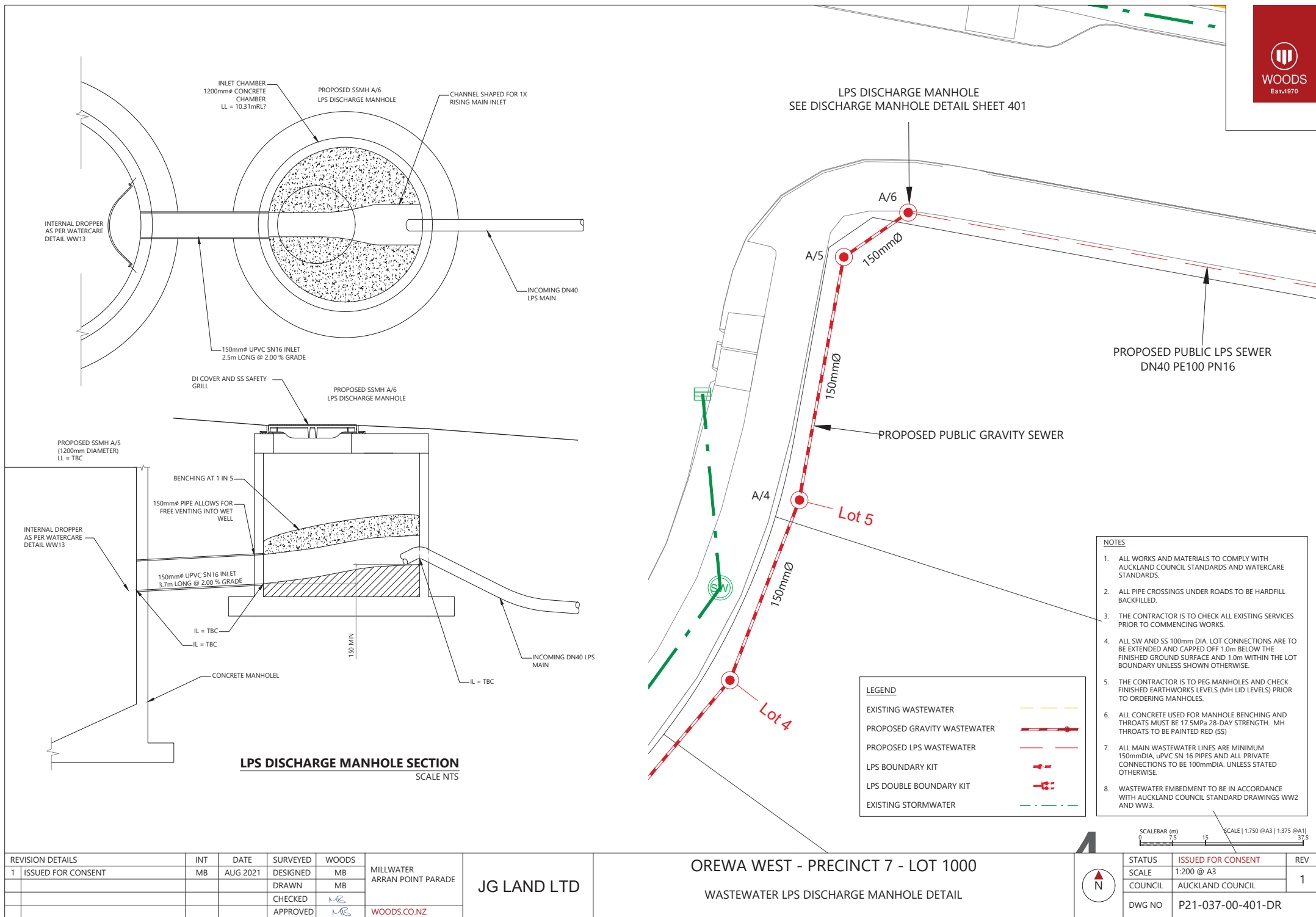
REVISION DETAILS		INT	DATE	SURVEYED	WOODS	MILLWATER ARRAN POINT PARADE
1	ISSUED FOR CONSENT	MB	AUG 2021	DESIGNED	MB	
				DRAWN	MB	
				CHECKED		
				APPROVED		WOODS.CO.NZ

OREWA WEST - PRECINCT 7 - LOT 1000

WASTEWATER DRAINAGE LAYOUT PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-400-DR	



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

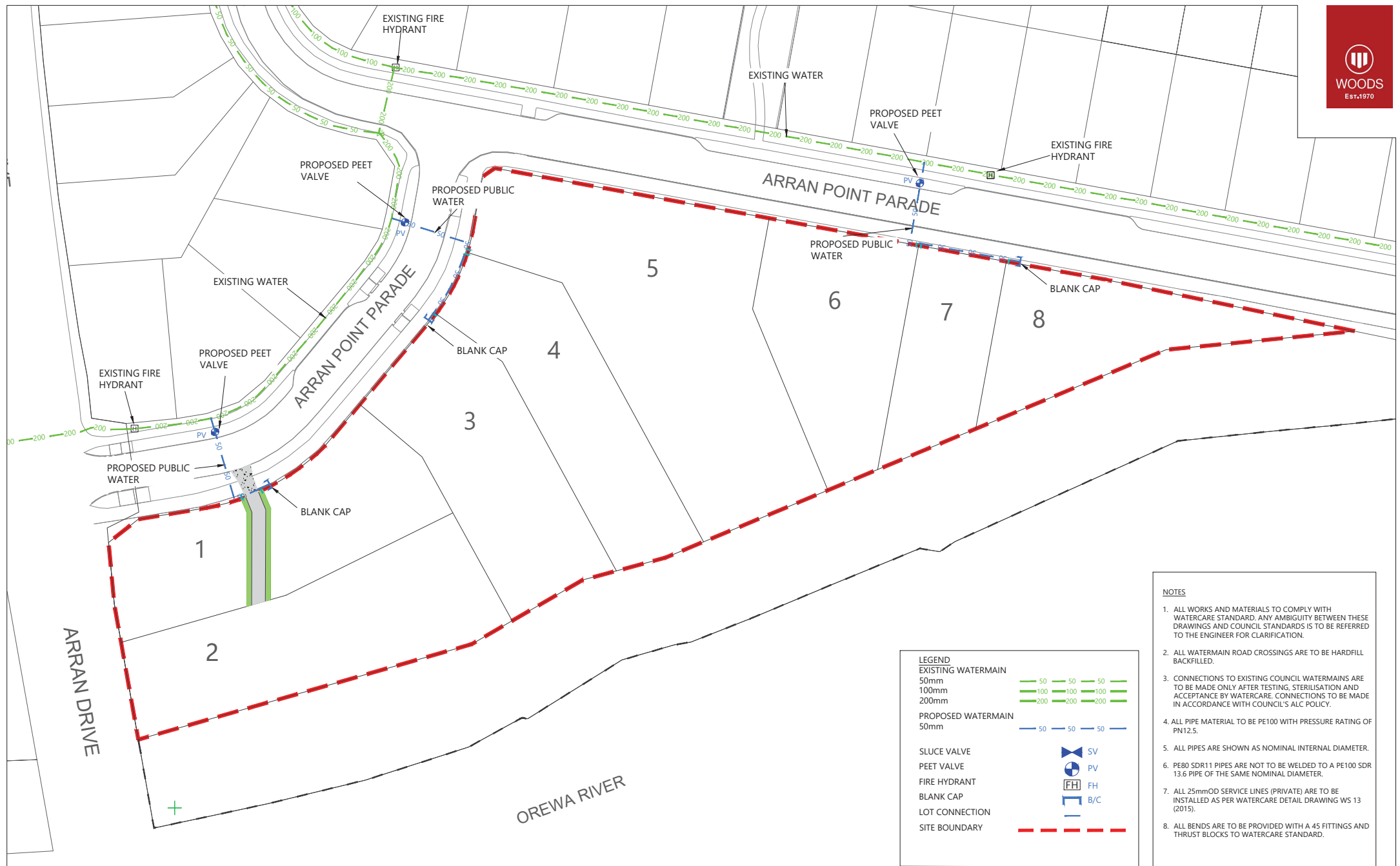
JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000

WASTEWATER LPS DISCHARGE MANHOLE DETAIL



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



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

JG LAND LTD

OREWA WEST - PRECINCT 7 - LOT 1000

WATER RETICULATION PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:750 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P21-037-00-600-DR	