



- LEGEND**
- LOT BOUNDARIES
 - STAGE BOUNDARIES
 - ROAD CENTRELINE & CHAINAGE
 - VEHICLE CROSSING
 - PARKING BAY / FLUSH CROSSING (EXPOSED CONCRETE SURFACE)
 - PEDESTRIAN TACTILE PAVERS
 - CREE XSP1 T3ME 29W 3000K, VICPOLE 8m HIGH WITH 1m ARM, 0 DEG TILT (1.0m SETBACK)
 - CREE XSP1 T3ME 29W 3000K, VICPOLE 6m HIGH WITH 1m ARM, 0 DEG TILT (1.0m SETBACK)
 - CREE XSP1 T3ME 45W 3000K, VICPOLE 8m HIGH WITH 1m ARM, 0 DEG TILT (1.5m SETBACK)
 - NEW SINGLE CATCHPIT / DOUBLE CATCHPIT NEW STORMWATER PIPE
 - SLUICE VALVE / FIRE HYDRANT / GATE VALVE
 - CONCRETE FOOTPATH
 - ASPHALT CARRIAGEWAY
 - GRASS BERM
 - POWER TRANSFORMER / POWER LINK PILLAR / TELECOM CHAMBER
 - FUTURE STAGE

- NOTES:**
- ALL WORKS AND MATERIALS COMPLY WITH THE WAIKATO LOCAL AUTHORITY SHARED SERVICES REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS) (MAY 2018).
 - LEVELS ARE IN TERMS OF THE MOTURIKI DATUM 1953.
 - ALL CO-ORDINATES ARE IN TERMS OF NZTM.
 - SEE STORMWATER AS-BUILT DRAWINGS 1239_AB-4-100 TO AB-4-106 FOR CATCHPIT AND CATCHPIT LEAD INFORMATION.
 - ALL KERBS HAVE 110mmØ UNDERCHANNEL DRAIN INSTALLED IN 20/7 DRAINAGE AGGREGATE.

CERTIFICATION

I CERTIFY THAT THESE ASBUILT PLANS ARE AN ACCURATE RECORD OF THE WORKS UNDERTAKEN AND THAT:

- THE COORDINATES (X,Y) ARE IN TERMS OF NZTM ON NZGD(2000), AND ARE WITHIN ±0.10m.
- THE LEVELS (Z) ARE IN TERMS OF THE MOTURIKI DATUM 1953, AND ARE WITHIN ±0.01m.

SIGNED
LICENSED CADASTRAL SURVEYOR

DATE:
NAME: NATHAN HOGG
ADDRESS: P.O.BOX 28-345, REMUERA, AUCKLAND
CONTACT: (09) 579 5505
EMAIL: Nathan.Hogg@candor3.co.nz

RELEVANT CONSENT NUMBERS:
SUB0340/18.02 & LUC0137/19

ASBUILT

REV DESCRIPTION		BY	APPVD	DATE	PROJECT		CLIENT		PURPOSE		
<div>Candor³ ENGINEERING FOR LIFE</div>					LAKESIDE, TE KAUWHATA ROADING LAYOUT STAGE 4 1 OF 3		LAKESIDE DEVELOPMENTS 2017 LIMITED		AS-BUILT		
DESIGN JS		APPROVED BY NH		SCALE		PROJECT NO.		DRAWING NO.		REV.	
DRAWN JS		DATE SEP 2020		1:2500 @ A3		1239		AB-3-100		-	
CHECK RS											

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NEW STORMWATER PIPE
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 - CONCRETE FOOTPATH
 - ASPHALT CARRIAGEWAY
 - GRASS BERM
 - POWER TRANSFORMER / POWER LINK PILLAR /
TELECOM CHAMBER
 - FUTURE STAGE

- NOTES:**
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 - ALL KERBS HAVE 110mmØ UNDERCHANNEL DRAIN INSTALLED IN 20/7 DRAINAGE AGGREGATE.

LANDSCAPE / STREETSCAPE LEGEND

- GRASSED DRAINAGE SWALE
- LIQUIDAMBAR STYRACIFULA - WORPLESDON-300L
- LIQUIDAMBAR STYRACIFULA
- ACER PLATANOIDES COLUMNARE
- ZELKOVA SERETTA
- CARPINUS BETULUS
- QUERCUS ROBUR 'FASTIGIATA'
- ACER PALMATUM 'SENKAKI'
- BELUTA JACQUEMONTII
- CARPINUS BETULUS 'FASTIGIATA'
- MAGNOLIA STELLATA
- PRUNUS YEDOENSIS 'AWANUI'
- PYRUS CALLERYANA 'BRADFORD'
- ULMUS - LOUIS VAN HOUTTE
- ACER PLATANOIDES

CERTIFICATION

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RELEVANT CONSENT NUMBERS:
SUB0340/18.02 & LUC0137/19

ASBUILT

REV	DESCRIPTION	BY	APPVD	DATE	PROJECT	CLIENT	PURPOSE
					LAKESIDE, TE KAUWHATA ROADING LAYOUT STAGE 4 2 OF 3	LAKESIDE DEVELOPMENTS 2017 LIMITED	AS-BUILT
							DESIGN JS DRAWN JS CHECK RS
							APPROVED BY NH DATE SEP 2020
							SCALE 1:750 @ A3
							PROJECT NO. 1239
							DRAWING NO. AB-3-101
							REV. -

- LEGEND**
- LOT BOUNDARIES
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 - ROAD CENTRELINE & CHAINAGE
 - VEHICLE CROSSING
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TELECOM CHAMBER
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LANDSCAPE / STREETSCAPE LEGEND

- GRASSED DRAINAGE SWALE
- LIQUIDAMBAR STYRACIFULA -
WORPLESDON-300L
- LIQUIDAMBAR STYRACIFULA
- ACER PLATANOIDES COLUMNARE
- ZELKOVA SERETTA
- CARPINUS BETULUS
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- CARPINUS BETULUS 'FASTIGIATA'
- MAGNOLIA STELLATA
- PRUNUS YEDOENSIS 'AWANUI
- PYRUS CALLERYANA 'BRADFORD'
- ULMUS - LOUIS VAN HOUTTE
- ACER PLATANOIDES

NOTES:

- ALL WORKS AND MATERIALS COMPLY WITH THE WAIKATO LOCAL AUTHORITY SHARED SERVICES REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS) (MAY 2018).
- LEVELS ARE IN TERMS OF THE MOTURIKI DATUM 1953.
- ALL CO-ORDINATES ARE IN TERMS OF NZTM.
- SEE STORMWATER AS-BUILT DRAWINGS 1239_AB-4-100 TO AB-4-106 FOR CATCHPIT AND CATCHPIT LEAD INFORMATION.
- ALL KERBS HAVE 110mmØ UNDERCHANNEL DRAIN INSTALLED IN 20/7 DRAINAGE AGGREGATE.

CERTIFICATION

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LICENSED CADASTRAL SURVEYOR

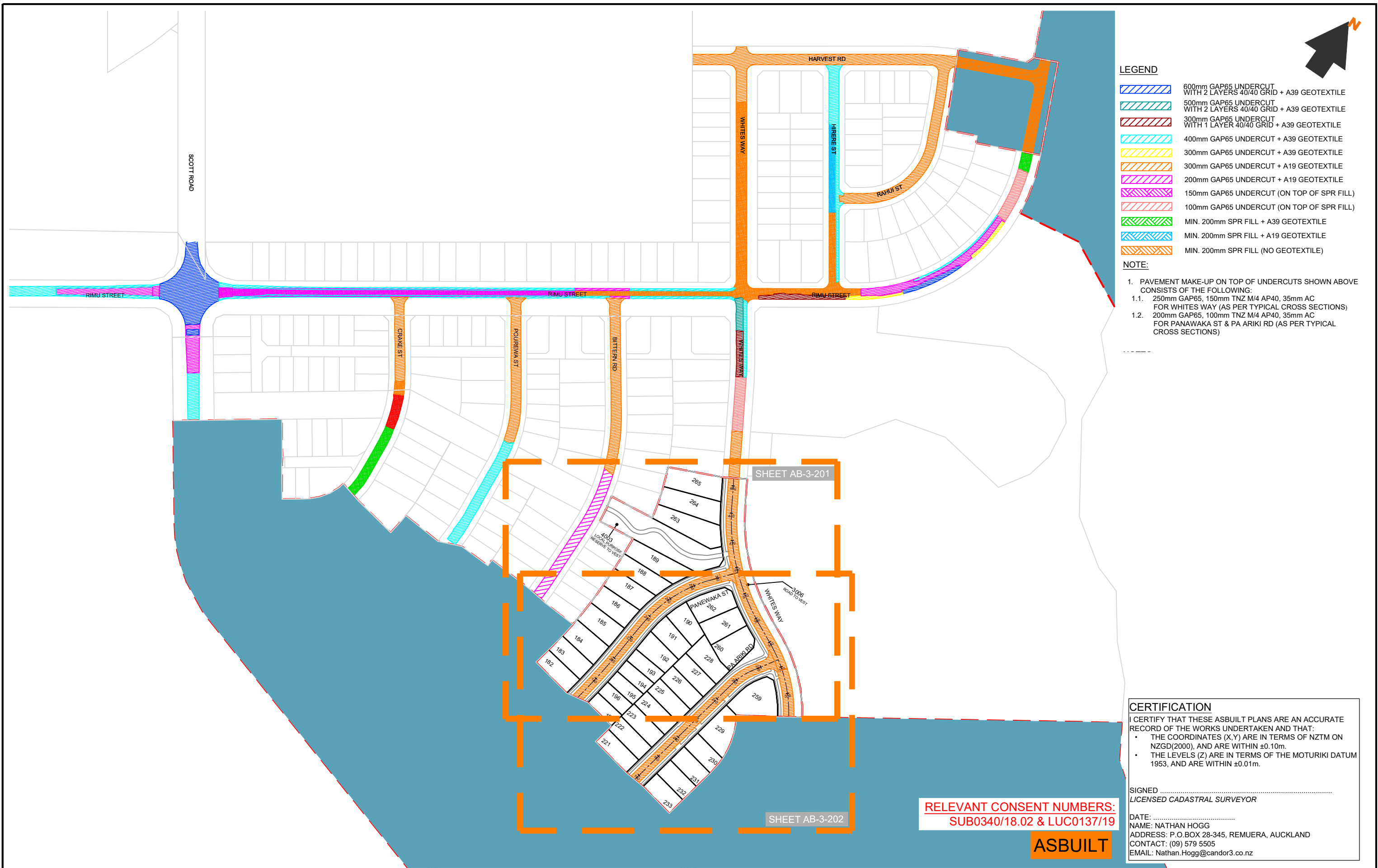
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RELEVANT CONSENT NUMBERS:
SUB0340/18.02 & LUC0137/19



ASBUILT

REV	DESCRIPTION	BY	APPVD	DATE	PROJECT	CLIENT	PURPOSE
					LAKESIDE, TE KAUWHATA ROADING LAYOUT STAGE 4 3 OF 3	LAKESIDE DEVELOPMENTS 2017 LIMITED	AS-BUILT
							DESIGN JS DRAWN JS CHECK RS
							APPROVED BY NH DATE SEP 2020
							SCALE 1:750 @ A3
							PROJECT NO. 1239
							DRAWING NO. AB-3-102
							REV. -



- LEGEND
- 600mm GAP65 UNDERCUT WITH 2 LAYERS 40/40 GRID + A39 GEOTEXTILE
 - 500mm GAP65 UNDERCUT WITH 2 LAYERS 40/40 GRID + A39 GEOTEXTILE
 - 300mm GAP65 UNDERCUT WITH 1 LAYER 40/40 GRID + A39 GEOTEXTILE
 - 400mm GAP65 UNDERCUT + A39 GEOTEXTILE
 - 300mm GAP65 UNDERCUT + A39 GEOTEXTILE
 - 300mm GAP65 UNDERCUT + A19 GEOTEXTILE
 - 200mm GAP65 UNDERCUT + A19 GEOTEXTILE
 - 150mm GAP65 UNDERCUT (ON TOP OF SPR FILL)
 - 100mm GAP65 UNDERCUT (ON TOP OF SPR FILL)
 - MIN. 200mm SPR FILL + A39 GEOTEXTILE
 - MIN. 200mm SPR FILL + A19 GEOTEXTILE
 - MIN. 200mm SPR FILL (NO GEOTEXTILE)

- NOTE:
- PAVEMENT MAKE-UP ON TOP OF UNDERCUTS SHOWN ABOVE CONSISTS OF THE FOLLOWING:
 - 250mm GAP65, 150mm TNZ M/4 AP40, 35mm AC FOR WHITES WAY (AS PER TYPICAL CROSS SECTIONS)
 - 200mm GAP65, 100mm TNZ M/4 AP40, 35mm AC FOR PANAWAKA ST & PA ARIKI RD (AS PER TYPICAL CROSS SECTIONS)

CERTIFICATION

I CERTIFY THAT THESE ASBUILT PLANS ARE AN ACCURATE RECORD OF THE WORKS UNDERTAKEN AND THAT:

- THE COORDINATES (X,Y) ARE IN TERMS OF NZTM ON NZGD(2000), AND ARE WITHIN ±0.10m.
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RELEVANT CONSENT NUMBERS:
SUB0340/18.02 & LUC0137/19

ASBUILT

REV DESCRIPTION		BY	APPVD	DATE	PROJECT		CLIENT		PURPOSE		
<div>Candor³ ENGINEERING FOR LIFE</div>					LAKESIDE, TE KAUWHATA ROADING UNDERCUT STAGE 4 1 OF 3		LAKESIDE DEVELOPMENTS 2017 LIMITED		AS-BUILT		
DESIGN JS		APPROVED BY NH		SCALE 1:2500 @ A3		DRAWN JS		DATE SEP 2020		REV.	
CHECK RS											
PROJECT NO.		DRAWING NO.									
1239		AB-3-200									

LEGEND

	600mm GAP65 UNDERCUT WITH 2 LAYERS 40/40 GRID + A39 GEOTEXTILE
	500mm GAP65 UNDERCUT WITH 2 LAYERS 40/40 GRID + A39 GEOTEXTILE
	300mm GAP65 UNDERCUT WITH 1 LAYER 40/40 GRID + A39 GEOTEXTILE
	400mm GAP65 UNDERCUT + A39 GEOTEXTILE
	300mm GAP65 UNDERCUT + A39 GEOTEXTILE
	300mm GAP65 UNDERCUT + A19 GEOTEXTILE
	200mm GAP65 UNDERCUT + A19 GEOTEXTILE
	150mm GAP65 UNDERCUT (ON TOP OF SPR FILL)
	100mm GAP65 UNDERCUT (ON TOP OF SPR FILL)
	MIN. 200mm SPR FILL + A39 GEOTEXTILE
	MIN. 200mm SPR FILL + A19 GEOTEXTILE
	MIN. 200mm SPR FILL (NO GEOTEXTILE)

NOTE:

1. PAVEMENT MAKE-UP ON TOP OF UNDERCUTS SHOWN ABOVE CONSISTS OF THE FOLLOWING:

1.1. 250mm GAP65, 150mm TNZ M/4 AP40, 35mm AC FOR WHITES WAY (AS PER TYPICAL CROSS SECTIONS)

1.2. 200mm GAP65, 100mm TNZ M/4 AP40, 35mm AC FOR PANAWAKA ST & PA ARIKI RD (AS PER TYPICAL CROSS SECTIONS)

CERTIFICATION

I CERTIFY THAT THESE ASBUILT PLANS ARE AN ACCURATE RECORD OF THE WORKS UNDERTAKEN AND THAT:

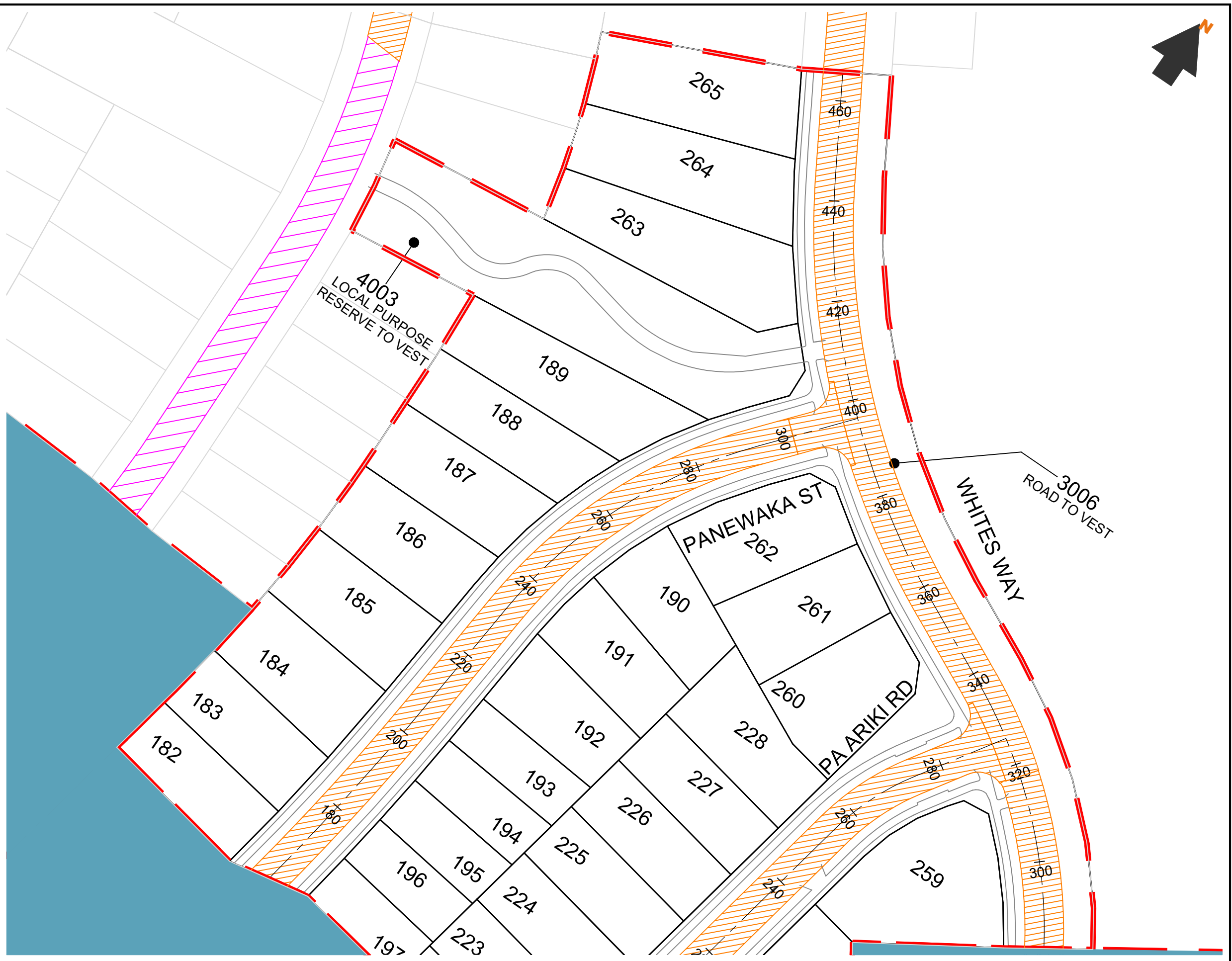
- THE COORDINATES (X,Y) ARE IN TERMS OF NZTM ON NZGD(2000), AND ARE WITHIN ±0.10m.
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LICENSED CADASTRAL SURVEYOR

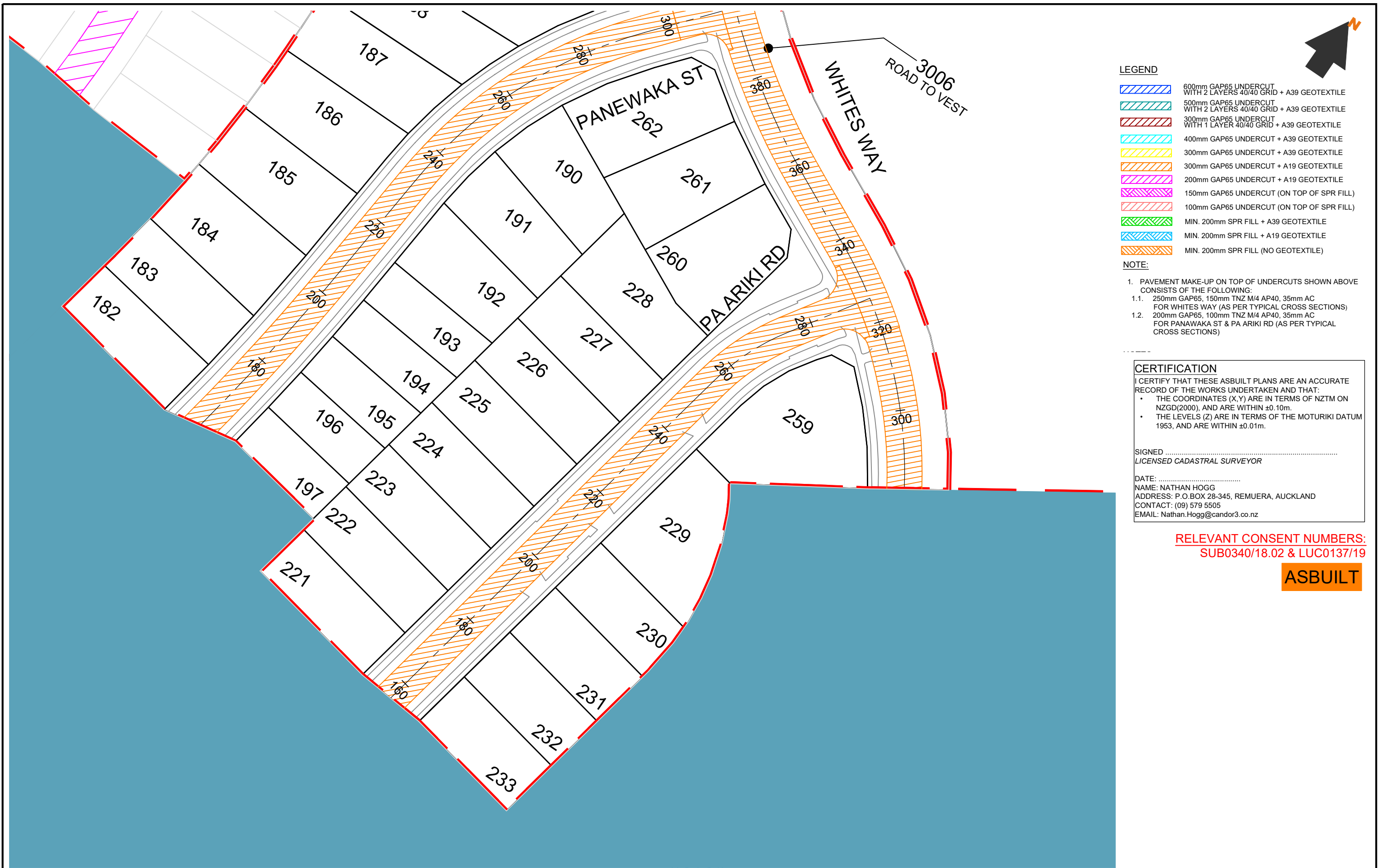
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RELEVANT CONSENT NUMBERS:
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ASBUILT



REV DESCRIPTION		BY	APPVD	DATE	PROJECT		CLIENT		PURPOSE		
					LAKESIDE, TE KAUWHATA		LAKESIDE DEVELOPMENTS 2017 LIMITED		AS-BUILT		
					ROADING UNDERCUT STAGE 4				DESIGN JS	APPROVED BY NH	SCALE 1:750 @ A3
					2 OF 3				DRAWN JS	CHECK RS	DATE SEP 2020
									PROJECT NO. 1239		
									DRAWING NO. AB-3-201		
									REV. -		



- LEGEND**
- 600mm GAP65 UNDERCUT WITH 2 LAYERS 40/40 GRID + A39 GEOTEXTILE
 - 500mm GAP65 UNDERCUT WITH 2 LAYERS 40/40 GRID + A39 GEOTEXTILE
 - 300mm GAP65 UNDERCUT WITH 1 LAYER 40/40 GRID + A39 GEOTEXTILE
 - 400mm GAP65 UNDERCUT + A39 GEOTEXTILE
 - 300mm GAP65 UNDERCUT + A39 GEOTEXTILE
 - 300mm GAP65 UNDERCUT + A19 GEOTEXTILE
 - 200mm GAP65 UNDERCUT + A19 GEOTEXTILE
 - 150mm GAP65 UNDERCUT (ON TOP OF SPR FILL)
 - 100mm GAP65 UNDERCUT (ON TOP OF SPR FILL)
 - MIN. 200mm SPR FILL + A39 GEOTEXTILE
 - MIN. 200mm SPR FILL + A19 GEOTEXTILE
 - MIN. 200mm SPR FILL (NO GEOTEXTILE)

- NOTE:**
- PAVEMENT MAKE-UP ON TOP OF UNDERCUTS SHOWN ABOVE CONSISTS OF THE FOLLOWING:
 - 250mm GAP65, 150mm TNZ M/4 AP40, 35mm AC FOR WHITES WAY (AS PER TYPICAL CROSS SECTIONS)
 - 200mm GAP65, 100mm TNZ M/4 AP40, 35mm AC FOR PANAWAKA ST & PA ARIKI RD (AS PER TYPICAL CROSS SECTIONS)

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ASBUILT

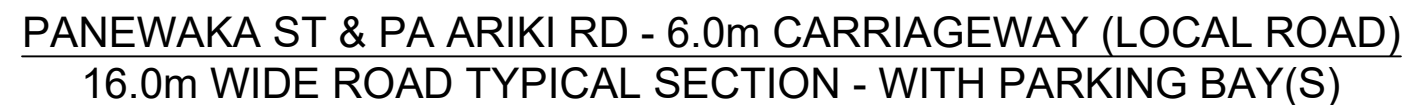
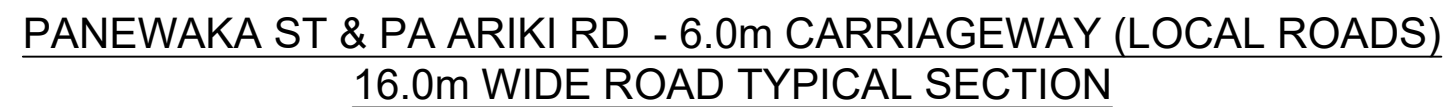
REV DESCRIPTION BY APPVD DATE			PROJECT LAKESIDE, TE KAUWHATA ROADING UNDERCUT STAGE 4 3 OF 3		CLIENT LAKESIDE DEVELOPMENTS 2017 LIMITED		PURPOSE AS-BUILT		
<div>Candor³ ENGINEERING FOR LIFE</div>							DESIGN JS DRAWN JS CHECK RS	APPROVED BY NH DATE SEP 2020	SCALE 1:750 @ A3
							PROJECT NO.	DRAWING NO.	REV.
							1239	AB-3-202	-

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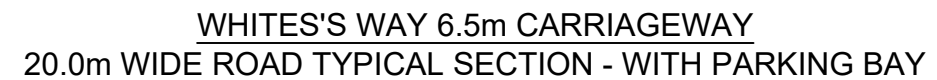
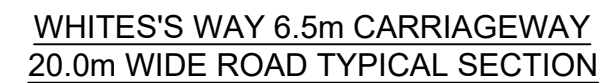
REV DESCRIPTION					BY	APPVD	DATE	<div>Candor³ ENGINEERING FOR LIFE</div>	PROJECT LAKESIDE, TE KAUWHATA TYPICAL CROSS SECTION STAGE 4 1 OF 2	CLIENT LAKESIDE DEVELOPMENTS 2017 LIMITED	PURPOSE AS-BUILT		
DESIGN		JS	APPROVED		BY	NH	SCALE						
DRAWN		JS	BY		DATE	SEP 2020	1:75 @ A3						
CHECK		RS	DATE										
PROJECT NO.					DRAWING NO.			REV.					
1239					AB-3-500			-					

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REV DESCRIPTION					BY	APPVD	DATE	<div>Candor³ ENGINEERING FOR LIFE</div>	PROJECT LAKESIDE, TE KAUWHATA TYPICAL CROSS SECTION STAGE 4 2 OF 2	CLIENT LAKESIDE DEVELOPMENTS 2017 LIMITED	PURPOSE AS-BUILT		
DESIGN		JS	APPROVED		JS	SCALE							
DRAWN		JS	BY		NH	1:100 @ A3							
CHECK		RS	DATE		SEP 2020								
PROJECT NO.			DRAWING NO.			REV.							
1239			AB-3-501			-							