



- LEGEND**
- LOT BOUNDARIES
 - STAGE BOUNDARIES
 - ROAD CENTRELINE
 - EXISTING WATERMAIN
 - EXISTING FIRE HYDRANT / VALVE
 - NEW DN315 PE100 WATERMAIN
 - NEW DN250 PE100 WATERMAIN
 - NEW DN180 PE100 WATERMAIN
 - NEW DN125 PE100 WATERMAIN
 - NEW 250mm PVC-O WATERMAIN
 - NEW 200mm PVC-O WATERMAIN
 - NEW 150mm PVC-O WATERMAIN
 - NEW 100mm PVC-O WATERMAIN
 - NEW 50mm PVC-O WATERMAIN
 - NEW 25mm LOT CONNECTION & WATER METER (POSITION INDICATIVE ON DRAWING FOR CLARITY)
 - NEW FIRE HYDRANT
 - NEW SLUICE VALVE / PEET VALVE
 - NEW BLANK CAP
 - FUTURE STAGE
 - RITS - WATER MAIN PIPE ID NUMBER.

- NOTES**
- ALL WORKS AND MATERIALS COMPLY WITH THE WAIKATO LOCAL AUTHORITY SHARED SERVICES REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS) (MAY 2018).
 - WATERMAIN ASBUILT (BELOW GROUND ALIGNMENT) WAS COMPLETED BY ROSS REID CONTRACTORS.

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 $\pm 0.10\text{m}$.
- THE LEVELS (Z) ARE IN TERMS OF THE MOTURIKI DATUM 1953, AND ARE WITHIN $\pm 0.01\text{m}$.

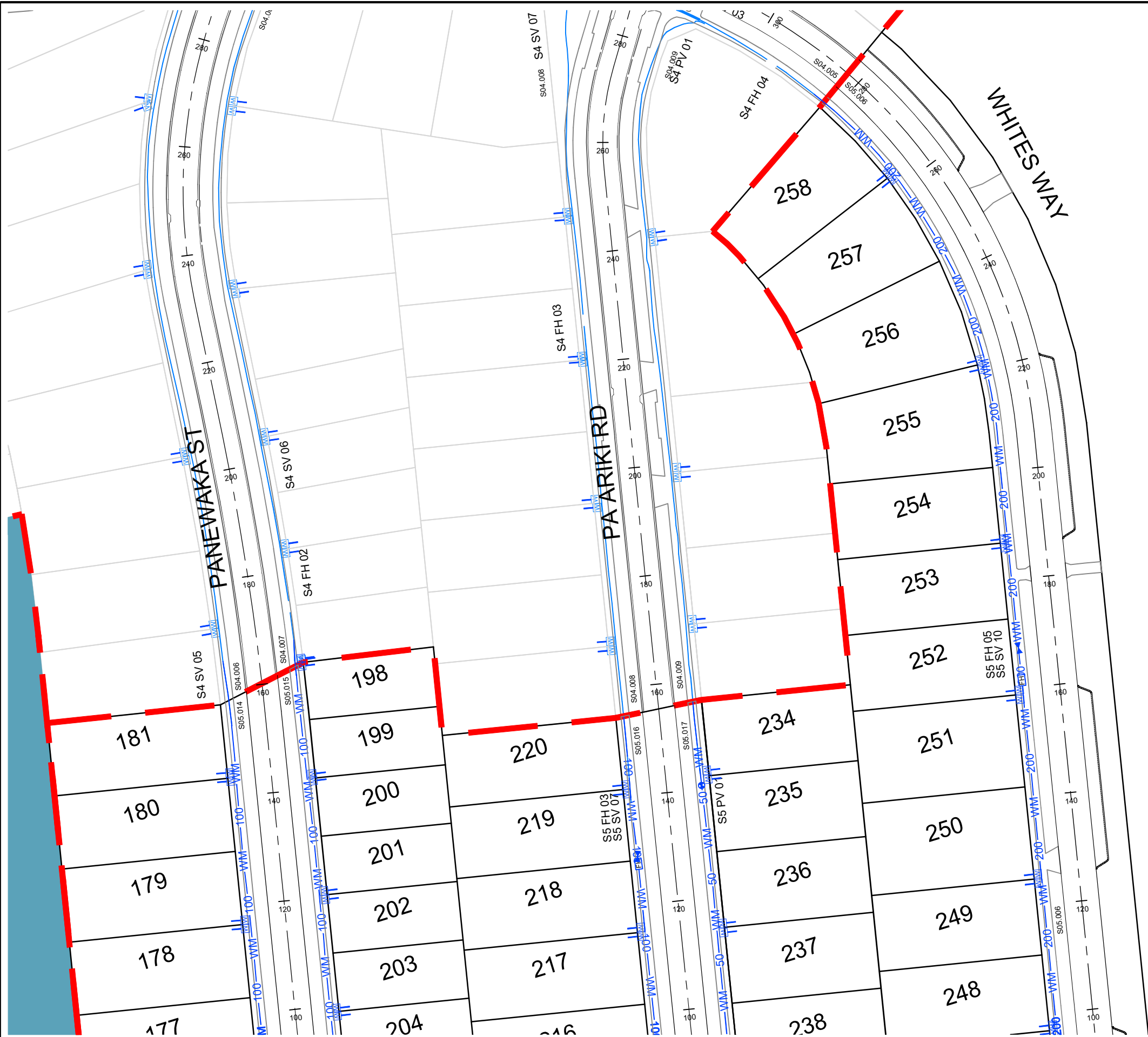
SIGNED
LICENSED CADASTRAL SURVEYOR

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:
SUB0340/18.01 & LUC0137/19

ASBUILT

REV	DESCRIPTION	BY	APPVD	DATE	PROJECT	CLIENT	PURPOSE
					LAKESIDE, TE KAUPHATA WATERMAIN LAYOUT STAGE 5 1 OF 6	LAKESIDE DEVELOPMENTS 2017 LIMITED	AS-BUILT
							DESIGN JS DRAWN JS CHECK AP
							APPROVED BY NH DATE DEC 2020
							SCALE 1:2500 @ A3
							PROJECT NO. 1239
							DRAWING NO. AB-6-100
							REV. -



LEGEND

LOT BOUNDARIES

STAGE BOUNDARIES

ROAD CENTRELINE

EXISTING WATERMAIN

EXISTING FIRE HYDRANT / VALVE

NEW DN315 PE100 WATERMAIN

NEW DN250 PE100 WATERMAIN

NEW DN180 PE100 WATERMAIN

NEW DN125 PE100 WATERMAIN

NEW 250mm PVC-O WATERMAIN

NEW 200mm PVC-O WATERMAIN

NEW 150mm PVC-O WATERMAIN

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NEW 25mm LOT CONNECTION & WATER METER (POSITION INDICATIVE ON DRAWING FOR CLARITY)

NEW FIRE HYDRANT

NEW SLUICE VALVE / PEET VALVE

NEW BLANK CAP

FUTURE STAGE

S01.### RITS - WATER MAIN PIPE ID NUMBER.

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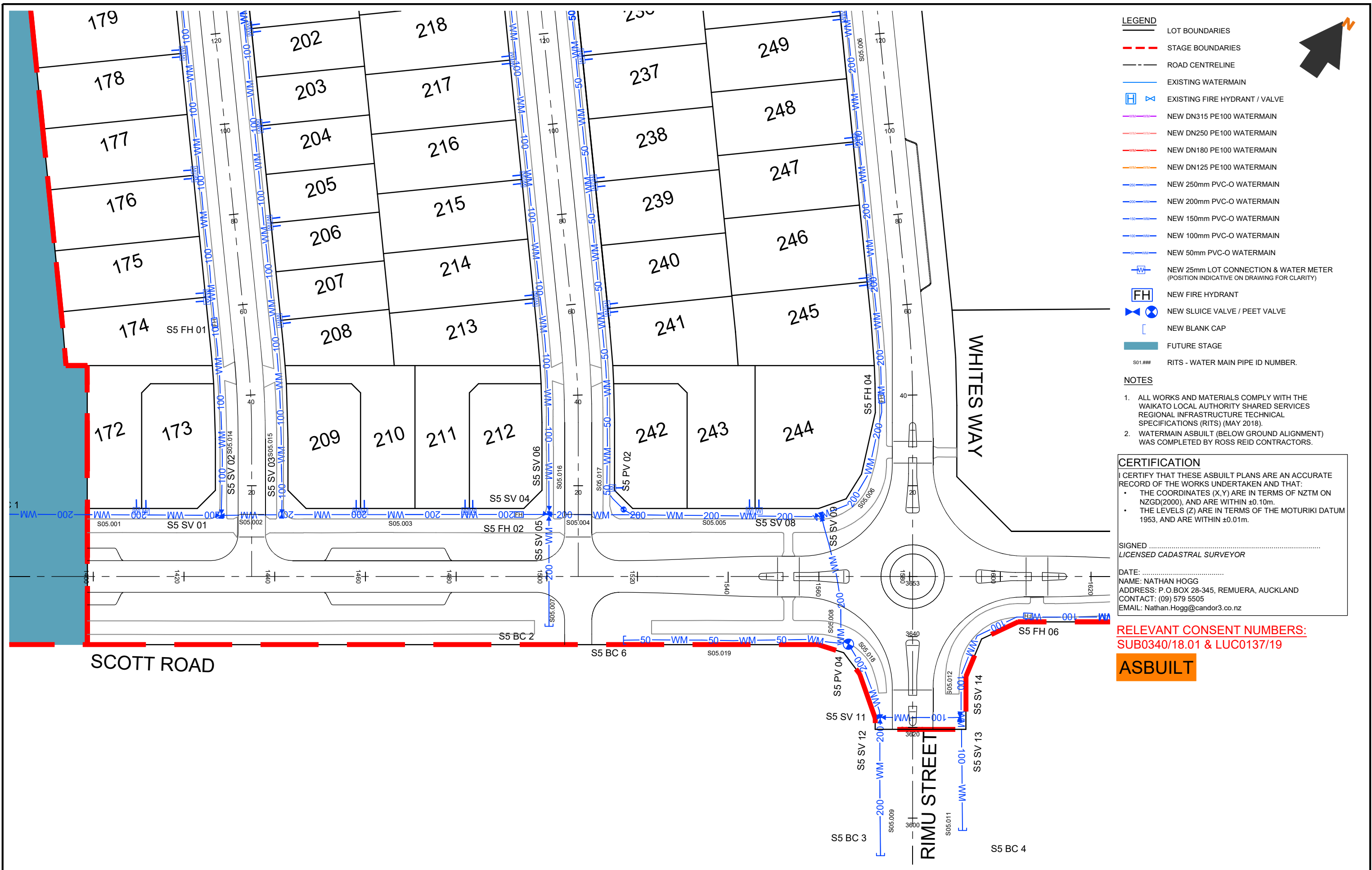
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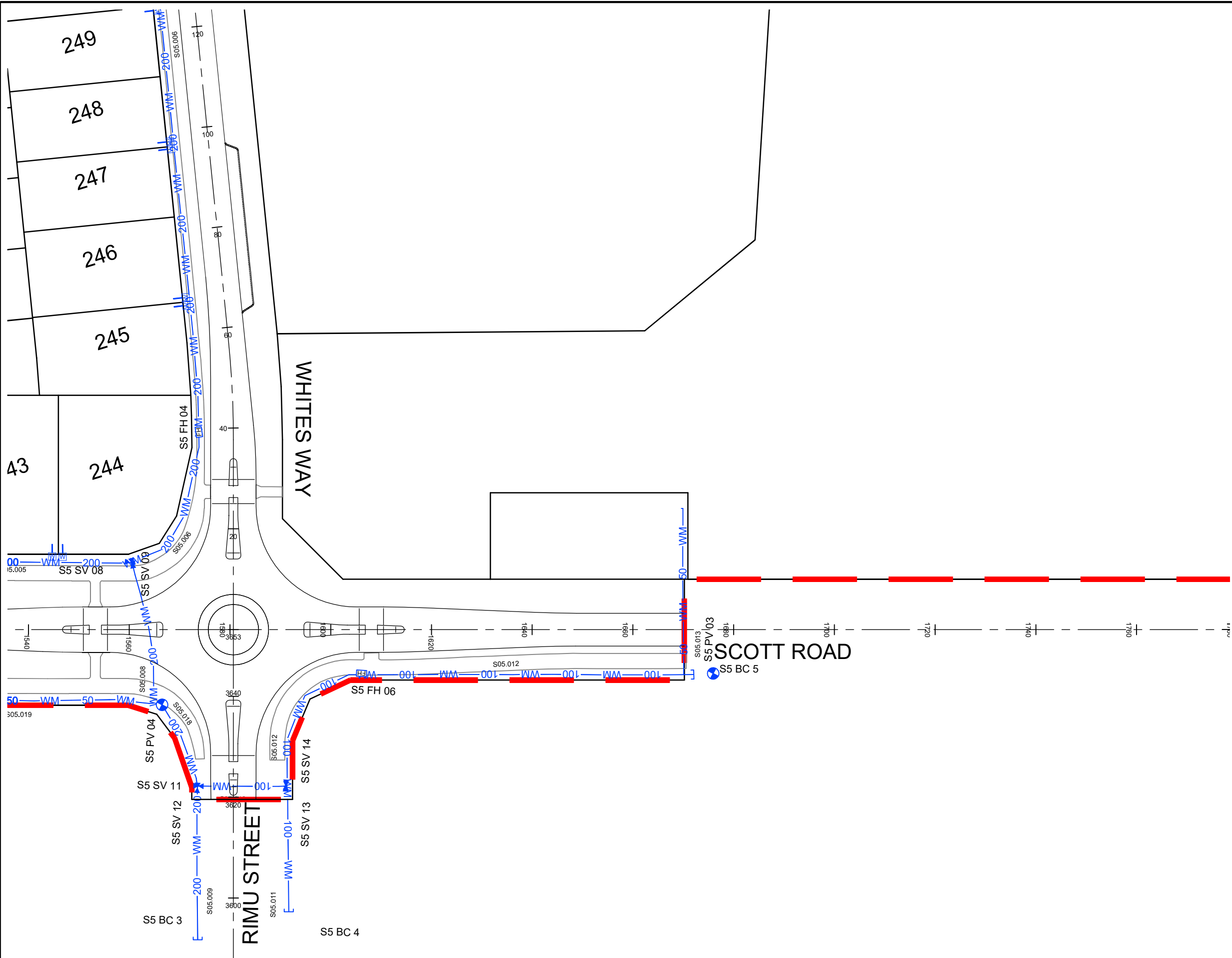
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ASBUILT

REV DESCRIPTION		BY	APPVD	DATE	PROJECT		CLIENT		PURPOSE				
<div>Candor³</div> <div>ENGINEERING FOR LIFE</div>					LAKESIDE, TE KAUWHATA WATERMAIN LAYOUT STAGE 5 2 OF 6		LAKESIDE DEVELOPMENTS 2017 LIMITED		AS-BUILT				
									DESIGN JS		APPROVED		SCALE
									DRAWN JS		BY NH		1:750 @ A3
									CHECK AP		DATE DEC 2020		
					PROJECT NO.		DRAWING NO.		REV.				
					1239		AB-6-101		-				



REV DESCRIPTION		BY	APPVD	DATE	<div>Candor³</div> <div>ENGINEERING FOR LIFE</div>	PROJECT <div>LAKESIDE, TE KAUWHATA WATERMAIN LAYOUT STAGE 5 3 OF 6</div>	CLIENT <div>LAKESIDE DEVELOPMENTS 2017 LIMITED</div>	PURPOSE <div>AS-BUILT</div>					
DESIGN	JS	DRAWN	JS	APPROVED BY				PROJECT NO.	DRAWING NO.	REV.			
CHECK	AP												
				DATE				1239		AB-6-102	-		



LEGEND

LOT BOUNDARIES

STAGE BOUNDARIES

ROAD CENTRELINE

EXISTING WATERMAIN

EXISTING FIRE HYDRANT / VALVE

NEW DN315 PE100 WATERMAIN

NEW DN250 PE100 WATERMAIN

NEW DN180 PE100 WATERMAIN

NEW DN125 PE100 WATERMAIN

NEW 250mm PVC-O WATERMAIN

NEW 200mm PVC-O WATERMAIN

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NEW 25mm LOT CONNECTION & WATER METER
(POSITION INDICATIVE ON DRAWING FOR CLARITY)

NEW FIRE HYDRANT

NEW SLUICE VALVE / PEET VALVE

NEW BLANK CAP

FUTURE STAGE

S01.###

RITS - WATER MAIN PIPE ID NUMBER.

NOTES

1. ALL WORKS AND MATERIALS COMPLY WITH THE
WAIKATO LOCAL AUTHORITY SHARED SERVICES
REGIONAL INFRASTRUCTURE TECHNICAL
SPECIFICATIONS (RITS) (MAY 2018).

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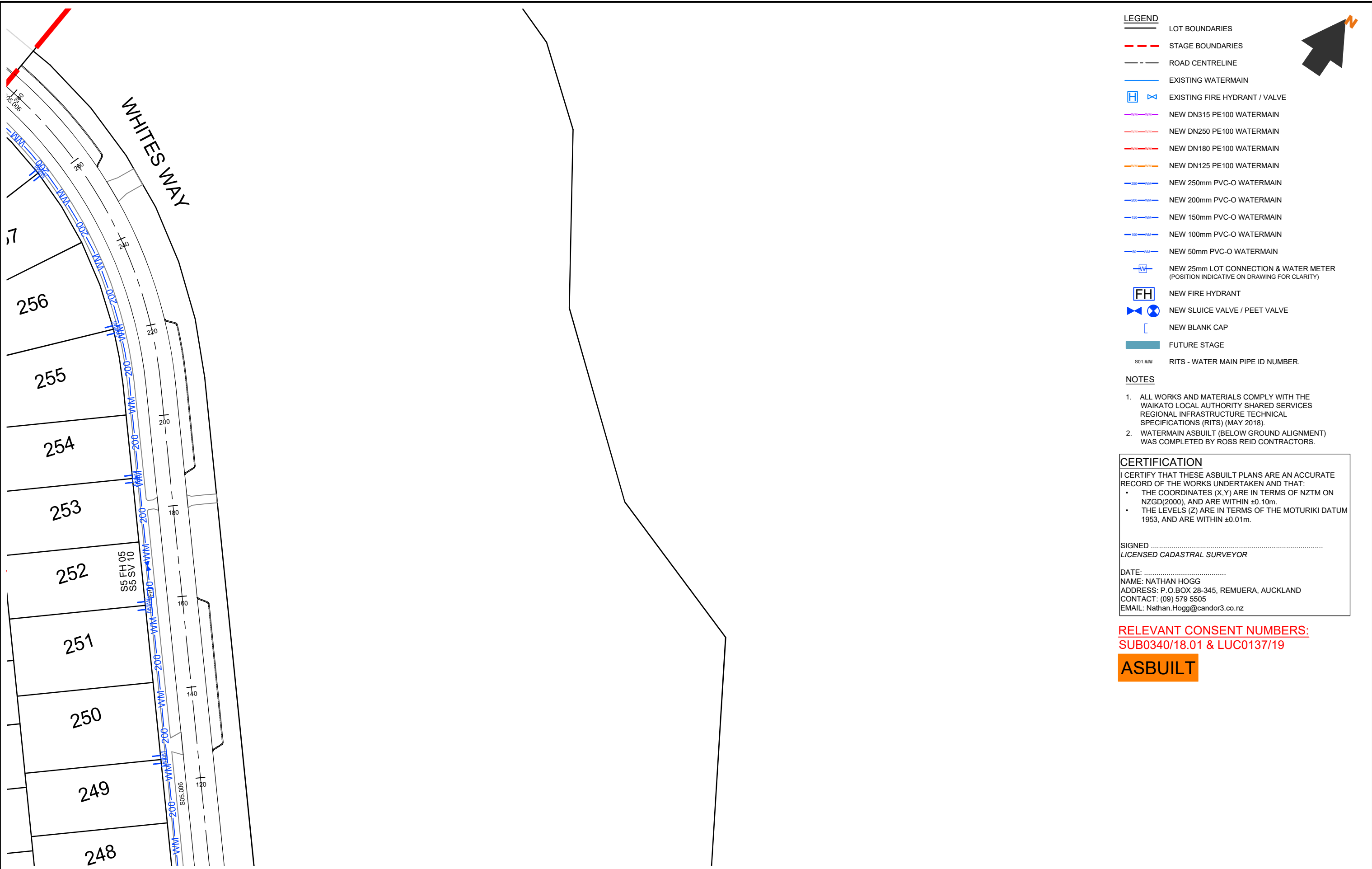
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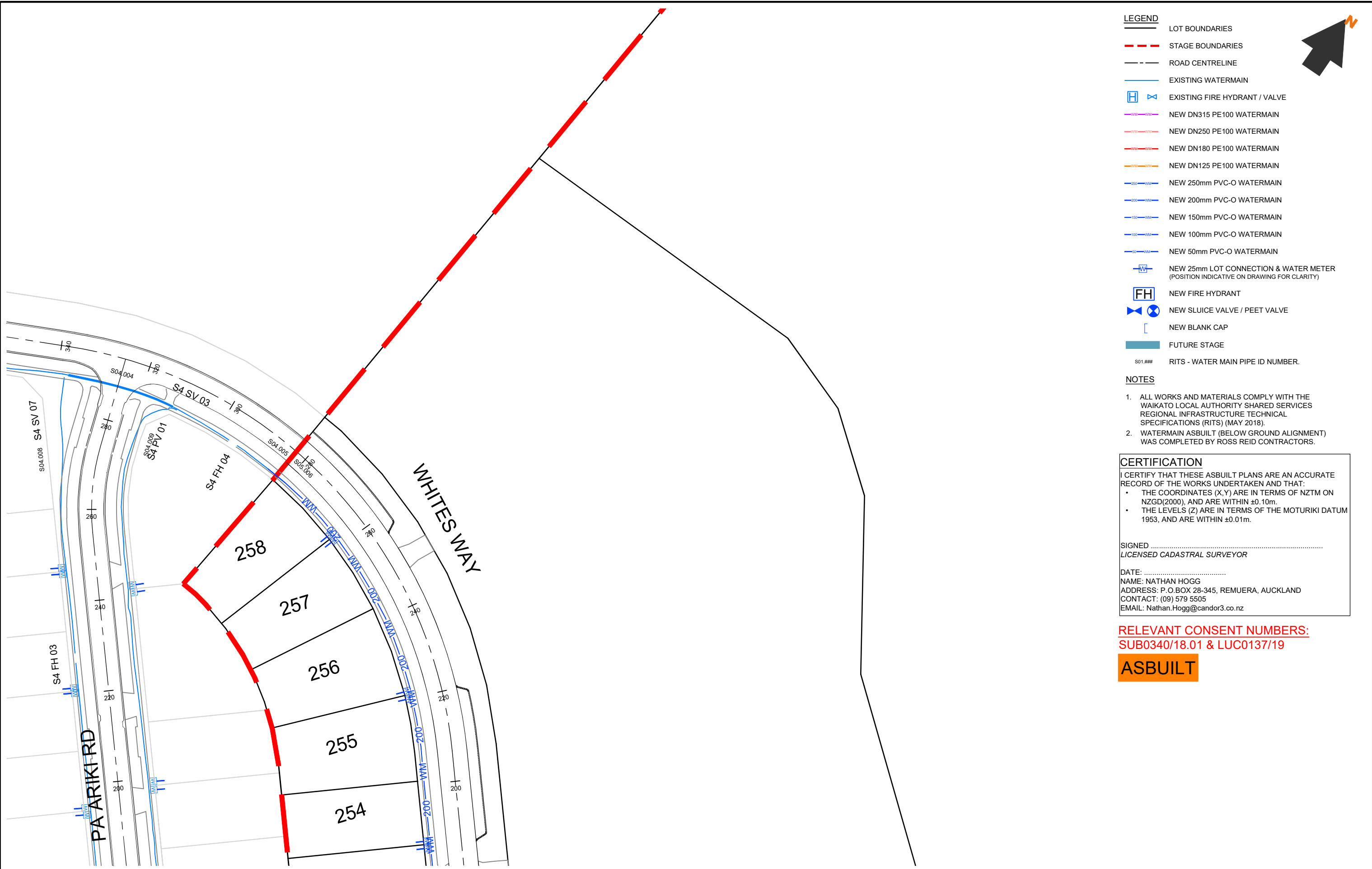
RELEVANT CONSENT NUMBERS:
SUB0340/18.01 & LUC0137/19

ASBUILT

REV DESCRIPTION	BY	APPVD	DATE	<div>Candor³ ENGINEERING FOR LIFE</div>	PROJECT	LAKESIDE, TE KAUWHATA WATERMAIN LAYOUT STAGE 5 4 OF 6	CLIENT	LAKESIDE DEVELOPMENTS 2017 LIMITED	PURPOSE		
									AS-BUILT		
									DESIGN JS DRAWN JS CHECK AP	APPROVED BY NH DATE DEC 2020	SCALE 1:750 @ A3
									PROJECT NO.	DRAWING NO.	REV.
1239									AB-6-103	-	



REV DESCRIPTION BY APPVD DATE	<div>Candor³</div> <div>ENGINEERING FOR LIFE</div>			PROJECT LAKESIDE, TE KAUPHATA WATERMAIN LAYOUT STAGE 5 5 OF 6	CLIENT LAKESIDE DEVELOPMENTS 2017 LIMITED	PURPOSE AS-BUILT		
						DESIGN JS DRAWN JS CHECK AP	APPROVED BY NH DATE DEC 2020	SCALE 1:750 @ A3
						PROJECT NO. DRAWING NO. REV.		
						1239 AB-6-104 -		



- LEGEND
- LOT BOUNDARIES

STAGE BOUNDARIES

ROAD CENTRELINE

EXISTING WATERMAIN

EXISTING FIRE HYDRANT / VALVE

NEW DN315 PE100 WATERMAIN

NEW DN250 PE100 WATERMAIN

NEW DN180 PE100 WATERMAIN

NEW DN125 PE100 WATERMAIN

NEW 250mm PVC-O WATERMAIN

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NEW BLANK CAP

FUTURE STAGE

S01.### RITS - WATER MAIN PIPE ID NUMBER.

- NOTES
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RELEVANT CONSENT NUMBERS:

SUB0340/18.01 & LUC0137/19

ASBUILT

REV DESCRIPTION	BY	APPVD	DATE	<div>Candor³</div> <div>ENGINEERING FOR LIFE</div>	PROJECT	LAKESIDE, TE KAUWHATA WATERMAIN LAYOUT STAGE 5 6 OF 6	CLIENT	LAKESIDE DEVELOPMENTS 2017 LIMITED	PURPOSE		
	AS-BUILT										
	DESIGN JS	APPROVED BY NH	SCALE 1:750 @ A3								
	DRAWN JS	DATE DEC 2020									
	CHECK AP										
PROJECT NO.				DRAWING NO.		REV.					
1239				AB-6-105		-					

Stage 5, Water Reticulation As-Built Data (NZTM):				
Device ID	NORTHING	EASTING	RL	Description
S5 FH 01	5856825.69	1790464.74	9.25	FIRE HYDRANT
S5 FH 02	5856764.27	1790515.15	8.42	FIRE HYDRANT
S5 FH 03	5856872.12	1790548.52	8.50	FIRE HYDRANT
S5 FH 04	5856763.87	1790599.29	7.70	FIRE HYDRANT
S5 FH 05	5856882.18	1790625.92	7.57	FIRE HYDRANT
S5 FH 06	5856708.33	1790615.14	7.78	FIRE HYDRANT
S5 SV 01	5856784.74	1790452.58	8.80	SLUICE VALVE
S5 SV 02	5856784.92	1790452.99	8.80	SLUICE VALVE
S5 SV 03	5856780.81	1790465.66	8.80	SLUICE VALVE
S5 SV 04	5856762.57	1790521.35	8.11	SLUICE VALVE
S5 SV 05	5856762.08	1790521.55	8.09	SLUICE VALVE
S5 SV 06	5856763.21	1790521.94	8.05	SLUICE VALVE
S5 SV 07	5856873.59	1790548.90	8.53	SLUICE VALVE
S5 SV 08	5856743.55	1790578.23	7.99	SLUICE VALVE
S5 SV 09	5856743.27	1790578.63	7.98	SLUICE VALVE
S5 SV 10	5856888.26	1790627.31	7.53	SLUICE VALVE
S5 SV 11	5856697.15	1790577.42	8.40	SLUICE VALVE
S5 SV 12	5856696.89	1790577.10	8.42	SLUICE VALVE
S5 SV 13	5856691.70	1790593.89	8.49	SLUICE VALVE
S5 SV 14	5856692.00	1790593.99	8.45	SLUICE VALVE
S5 PV 01	5856882.33	1790564.12	8.48	PEET VALVE
S5 PV 02	5856758.34	1790537.63	8.21	PEET VALVE
S5 PV 03	5856689.33	1790676.24	7.52	PEET VALVE
S5 PV 04	5856714.72	1790575.55	7.93	PEET VALVE

Stage 5, Water Reticulation As-Built Data (INTER STAGE BLANK CAPS):				
Device ID	NORTHING	EASTING	RL	Description
S5 BC 1	5856801.17	1790403.21	-	Blank Cap
S5 BC 2	5856738.95	1790514.00	-	Blank Cap
S5 BC 3	5856668.20	1790567.80	-	Blank Cap
S5 BC 4	5856667.86	1790586.72	-	Blank Cap
S5 BC 5	5856687.65	1790677.79	-	Blank Cap

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ASBUILT

REV DESCRIPTION	BY	APPVD	DATE	<div>Candor³ ENGINEERING FOR LIFE</div>	PROJECT	LAKESIDE, TE KAUWHATA WATERMAIN STAGE 5 COORDINATE TABLE	CLIENT	LAKESIDE DEVELOPMENTS 2017 LIMITED	PURPOSE		
									AS-BUILT		
									DESIGN JS DRAWN JS CHECK AP	APPROVED BY NH DATE DEC 2020	SCALE N/A
									PROJECT NO.	DRAWING NO.	REV.
1239									AB-6-106 -		