

- LEGEND
- LOT BOUNDARIES
- STAGE BOUNDARIES
- ROAD CENTRELINE
- RAINGARDEN AND OUTLET PIPE
- NEW STORMWATER PIPE
- NEW STORMWATER LOT CONNECTION
- NEW STORMWATER SINGLE CATCHPIT / DOUBLE CATCHPIT
- EXISTING STORMWATER PIPE
- EXISTING SINGLE / DOUBLE CATCHPIT
- ABANDONED STORMWATER PIPE
- STORMWATER MANHOLE EXISTING / NEW / ABANDONED
- GRASSED SW TREATMENT SWALE
- FUTURE STAGE

- NOTES
1.

 ALL WORKS AND MATERIALS COMPLY WITH THE WAIKATO LOCAL AUTHORITY SHARED SERVICES REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS) (MAY 2018).
2.

 MANHOLES ARE TO BE 1050mm Ø CONCRETE MANHOLES UNLESS OTHERWISE NOTED.
3.

 PIPES ARE CLASS 2 RCRRJ UNLESS OTHERWISE NOTED.
4.

 ALL SINGLE CATCHPIT LEADS ARE CLASS 4 RCRRJ 225mm Ø AND ALL DOUBLE CATCHPIT LEADS ARE CLASS 4 RCRRJ 300mm Ø UNLESS OTHERWISE NOTED.
5.

 PIPE CROSSINGS UNDER ROADS AND ACCESSWAYS HAVE BEEN HARDFILL BACKFILLED.
6.

 ALL BELOW GROUND ALIGNMENT OF LATERAL LOT CONNECTIONS AND POSITION OF SADDLE CONNECTIONS OF CATCHPITS ON THE MAIN LINES WAS COMPLETED BY ROSS REID CONTRACTORS.
7.

 LEVELS ARE IN TERMS OF THE MOTURIKI DATUM 1953.
8.

 ALL CO-ORDINATES ARE IN TERMS OF NZTM.
9.

 ALL LOT CONNECTION PIPES ARE 100mmØ u-PVC SN16.

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:

SUB0340/18.01 & LUC0137/19

ASBUILT

REV DESCRIPTION		BY	APPVD	DATE	PROJECT		CLIENT		PURPOSE		
					LAKESIDE, TE KAUPHATA		LAKESIDE DEVELOPMENTS 2017		AS-BUILT		
					STORMWATER LAYOUT STAGE 2		LIMITED		DESIGN JS	APPROVED BY NH	SCALE 1:2500 @ A3
					1 OF 3				CHECK RS	DATE MAY 2020	
									PROJECT NO.	DRAWING NO.	REV.
									1239	AB-4-100	-



LEGEND

LOT BOUNDARIES

STAGE BOUNDARIES

ROAD CENTRELINE

RAINGARDEN AND OUTLET PIPE

NEW STORMWATER PIPE

NEW STORMWATER LOT CONNECTION

NEW STORMWATER SINGLE CATCHPIT / DOUBLE CATCHPIT

EXISTING STORMWATER PIPE

EXISTING SINGLE / DOUBLE CATCHPIT

ABANDONED STORMWATER PIPE

STORMWATER MANHOLE EXISTING / NEW / ABANDONED

GRASSED SW TREATMENT SWALE

FUTURE STAGE

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

2. MANHOLES ARE TO BE 1050mm Ø CONCRETE MANHOLES UNLESS OTHERWISE NOTED.

3. PIPES ARE CLASS 2 RCRRJ UNLESS OTHERWISE NOTED.

4. ALL SINGLE CATCHPIT LEADS ARE CLASS 4 RCRRJ 225mm Ø AND ALL DOUBLE CATCHPIT LEADS ARE CLASS 4 RCRRJ 300mm Ø UNLESS OTHERWISE NOTED.

5. PIPE CROSSINGS UNDER ROADS AND ACCESSWAYS HAVE BEEN HARDFILL BACKFILLED.

6. ALL BELOW GROUND ALIGNMENT OF LATERAL LOT CONNECTIONS AND POSITION OF SADDLE CONNECTIONS OF CATCHPITS ON THE MAIN LINES WAS COMPLETED BY ROSS REID CONTRACTORS.

7. LEVELS ARE IN TERMS OF THE MOTURIKI DATUM 1953.

8. ALL CO-ORDINATES ARE IN TERMS OF NZTM.

9. ALL LOT CONNECTION PIPES ARE 100mmØ u-PVC SN16.

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

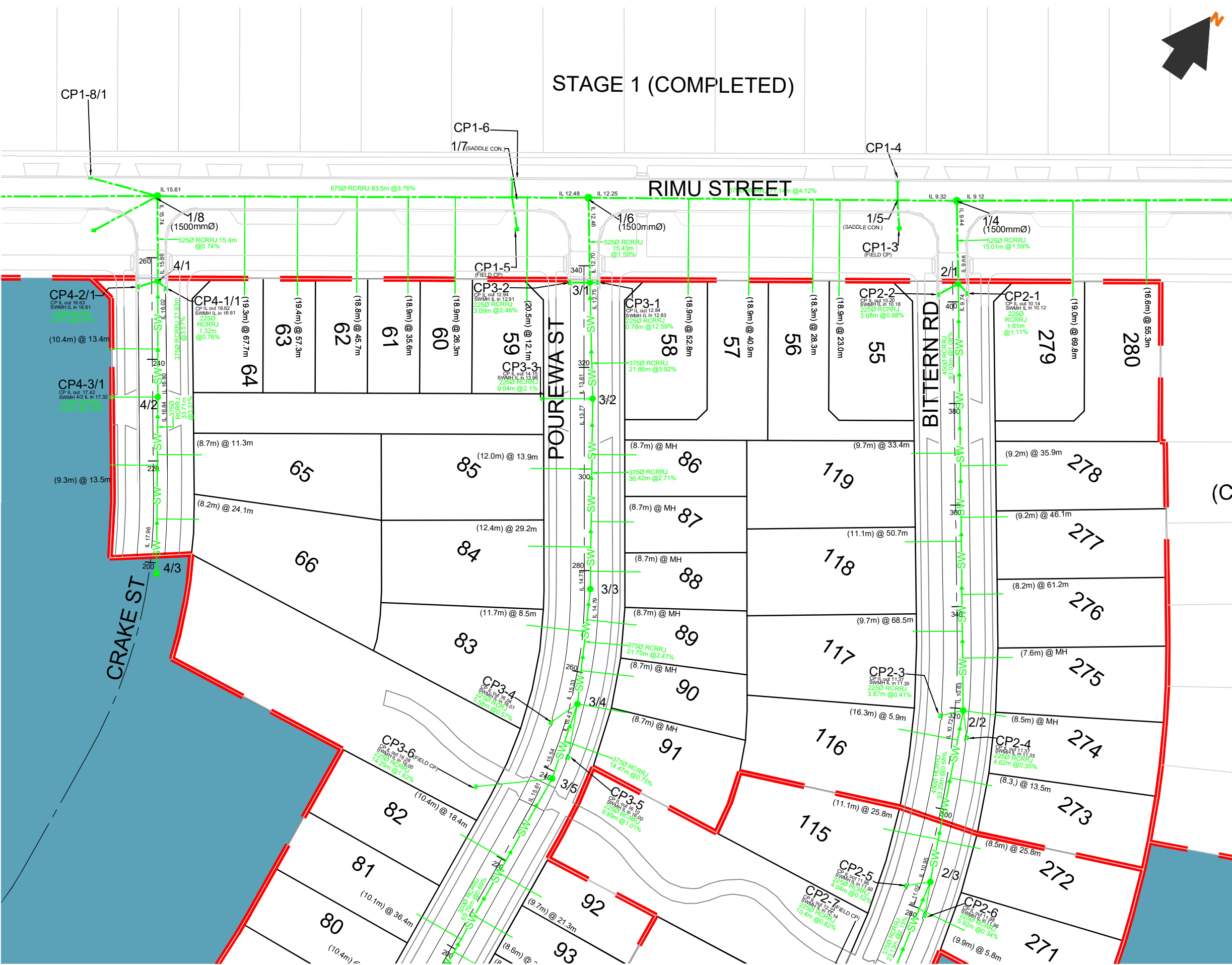
CONTACT: (09) 579 5505

EMAIL: Nathan.Hogg@candor3.co.nz

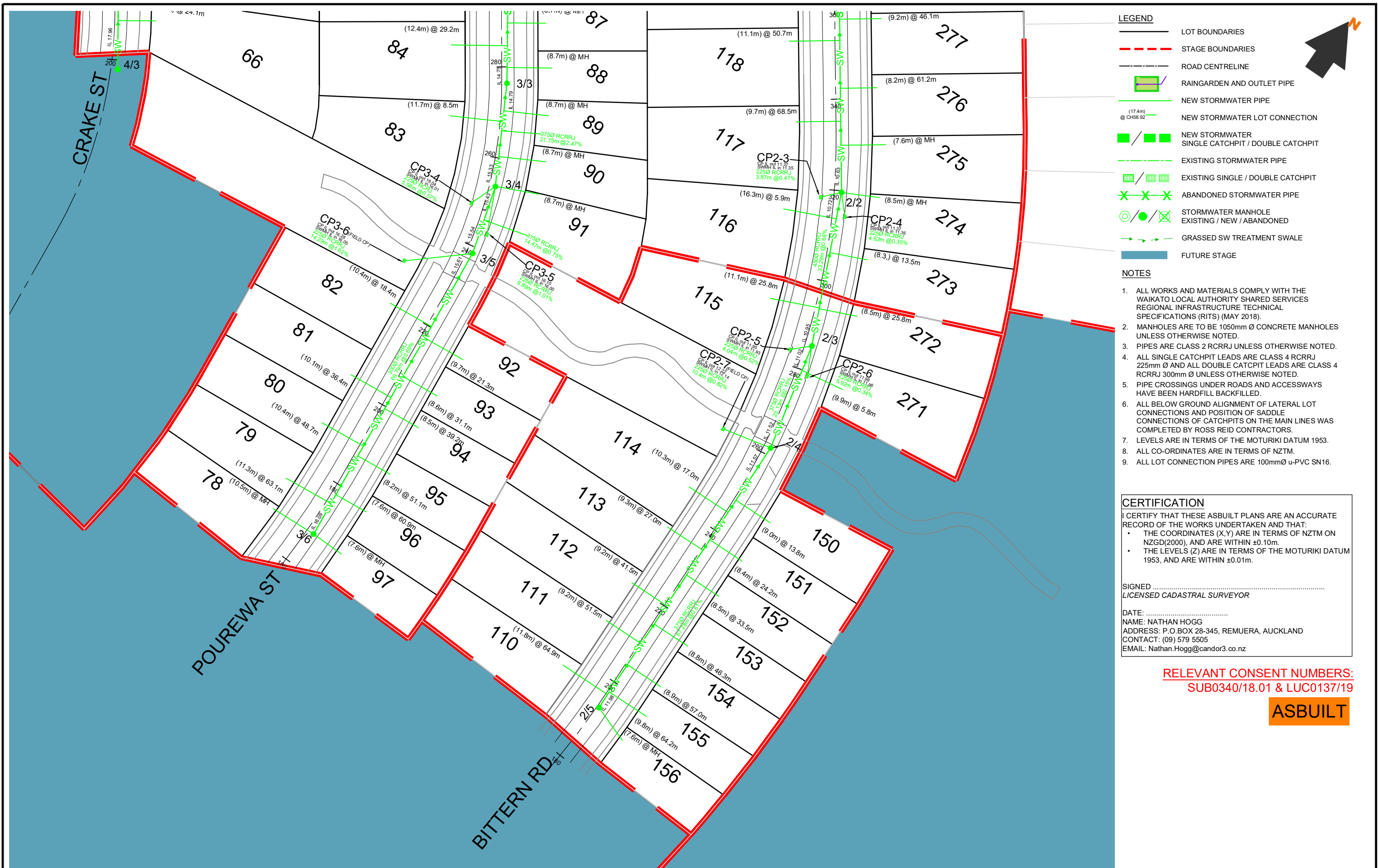
RELEVANT CONSENT NUMBERS:

SUB0340/18.01 & LUC0137/19

ASBUILT



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



LEGEND

- LOT BOUNDARIES
- STAGE BOUNDARIES
- ROAD CENTRELINE
- RAINGARDEN AND OUTLET PIPE
- NEW STORMWATER PIPE
- NEW STORMWATER LOT CONNECTION
- NEW STORMWATER SINGLE CATCHPIT / DOUBLE CATCHPIT
- EXISTING STORMWATER PIPE
- EXISTING SINGLE / DOUBLE CATCHPIT
- ABANDONED STORMWATER PIPE
- STORMWATER MANHOLE EXISTING / NEW / ABANDONED
- GRASSED SW TREATMENT SWALE
- FUTURE STAGE

NOTES

- ALL WORKS AND MATERIALS COMPLY WITH THE WAIKATO LOCAL AUTHORITY SHARED SERVICES REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS) (MAY 2018).
- MANHOLES ARE TO BE 1050mm Ø CONCRETE MANHOLES UNLESS OTHERWISE NOTED.
- PIPES ARE CLASS 2 RCRRJ UNLESS OTHERWISE NOTED.
- ALL SINGLE CATCHPIT LEADS ARE CLASS 4 RCRRJ 225mm Ø AND ALL DOUBLE CATCHPIT LEADS ARE CLASS 4 RCRRJ 300mm Ø UNLESS OTHERWISE NOTED.
- PIPE CROSSINGS UNDER ROADS AND ACCESSWAYS HAVE BEEN HARDFILL BACKFILLED.
- ALL BELOW GROUND ALIGNMENT OF LATERAL LOT CONNECTIONS AND POSITION OF SADDLE CONNECTIONS OF CATCHPITS ON THE MAIN LINES WAS COMPLETED BY ROSS REID CONTRACTORS.
- LEVELS ARE IN TERMS OF THE MOTURIKI DATUM 1953.
- ALL CO-ORDINATES ARE IN TERMS OF NZTM.
- ALL LOT CONNECTION PIPES ARE 100mmØ u-PVC SN16.

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:
SUB0340/18.01 & LUC0137/19

ASBUILT

REV DESCRIPTION		BY	APPVD	DATE	PROJECT		CLIENT		PURPOSE		
					LAKESIDE, TE KAUPHATA		LAKESIDE DEVELOPMENTS 2017 LIMITED		AS-BUILT		
					STORMWATER LAYOUT STAGE 2				DESIGN JS	APPROVED BY NH	SCALE 1:750 @ A3
					3 OF 3				DRAWN RS	DATE MAY 2020	
									CHECK RS		
									PROJECT NO.	DRAWING NO.	REV.
									1239	AB-4-102	-

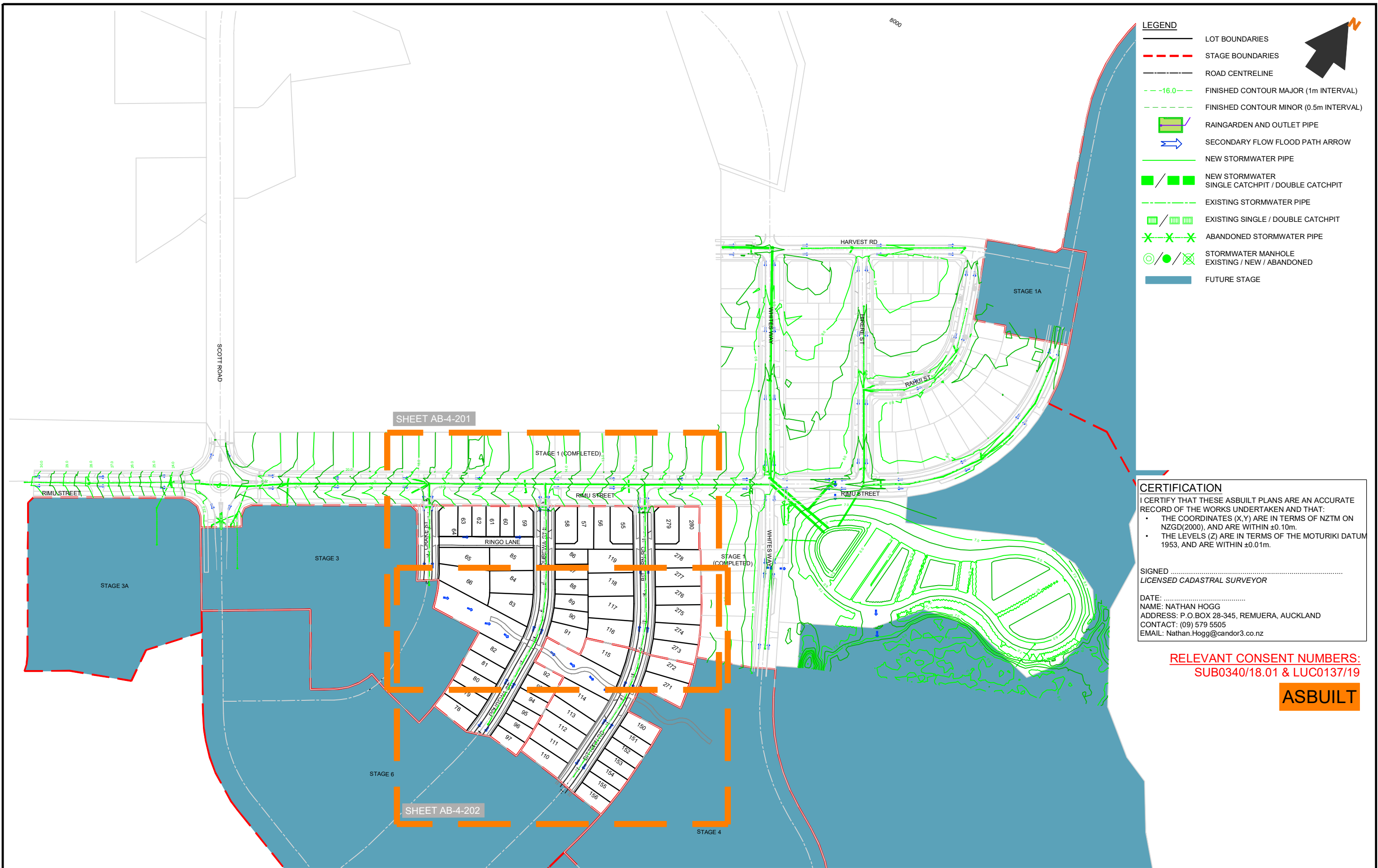
ASBUILT

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 $\pm 0.01\text{m}$.

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

1. SADDLE CONNECTION 'LID LEVEL' SHOWN IN THE COORDINATE TABLE IS THE OBVERT OF THE PIPE AS THERE IS NO LID.
2. COORDINATES PROVIDED IN THE TABLE FOR DOUBLE CATCHPITS IS THE CENTRE POINT OF THE DOUBLE CATCHPIT.
3. THE COORDINATES (X, Y) ARE IN TERMS OF NZTM ON NZGD(2000) AND ARE WITHIN $\pm 0.10\text{m}$.
4. THE LEVELS (Z) ARE IN TERMS OF THE MOTURIKI DATUM 1953, AND ARE WITHIN 0.01m .



LEGEND

LOT BOUNDARIES

STAGE BOUNDARIES

ROAD CENTRELINE

FINISHED CONTOUR MAJOR (1m INTERVAL)

FINISHED CONTOUR MINOR (0.5m INTERVAL)

RAINGARDEN AND OUTLET PIPE

SECONDARY FLOW FLOOD PATH ARROW

NEW STORMWATER PIPE

NEW STORMWATER
SINGLE CATCHPIT / DOUBLE CATCHPIT

EXISTING STORMWATER PIPE

EXISTING SINGLE / DOUBLE CATCHPIT

ABANDONED STORMWATER PIPE

STORMWATER MANHOLE
EXISTING / NEW / ABANDONED

FUTURE STAGE

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

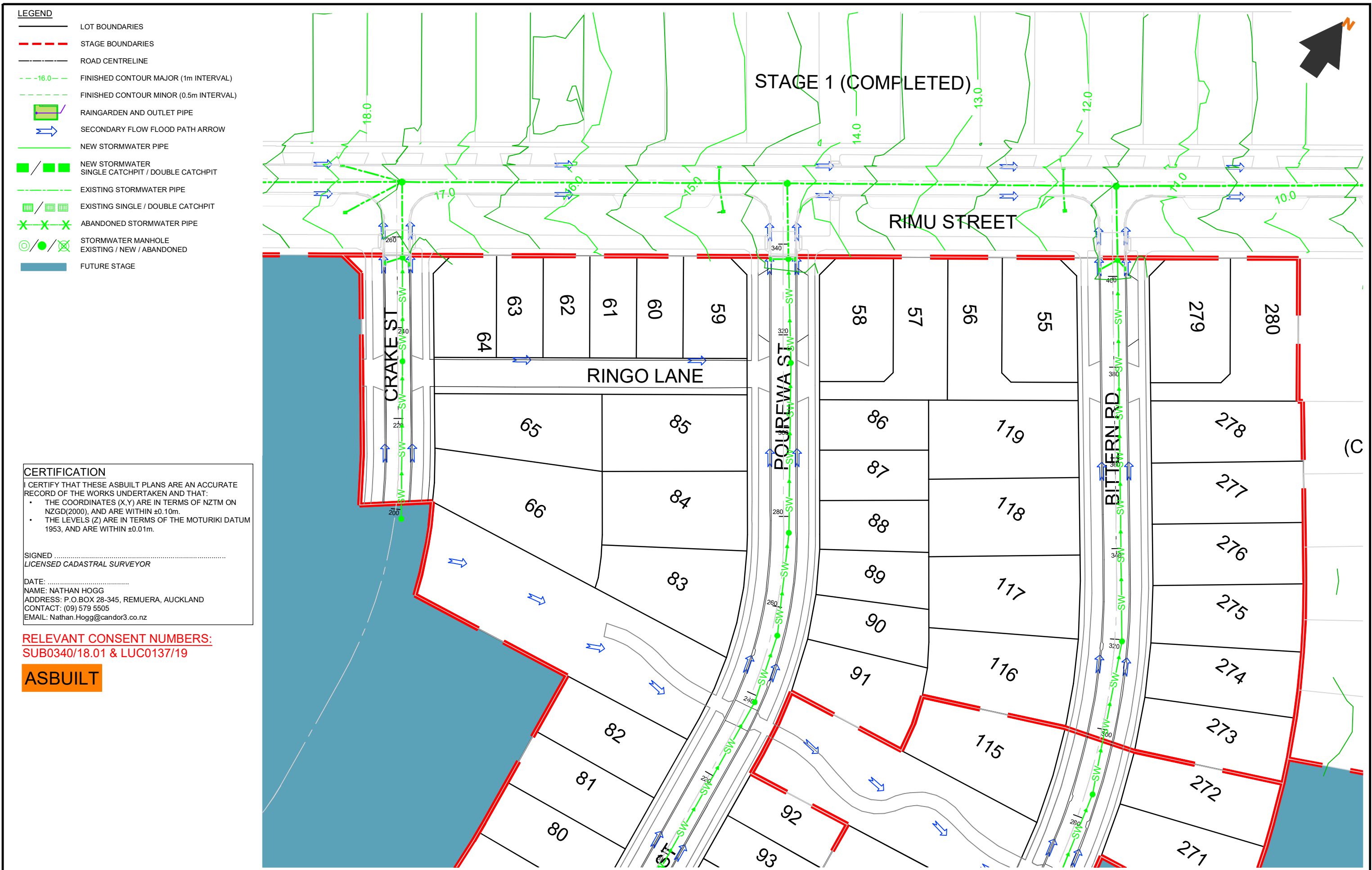
CONTACT: (09) 579 5505

EMAIL: Nathan.Hogg@candor3.co.nz

RELEVANT CONSENT NUMBERS:
SUB0340/18.01 & LUC0137/19

ASBUILT

REV DESCRIPTION		BY	APPVD	DATE	PROJECT		CLIENT		PURPOSE		
<div>Candor³ ENGINEERING FOR LIFE</div>					LAKESIDE, TE KAUWHATA STORMWATER OVERLAND FLOW PATH STAGE 2 1 OF 3		LAKESIDE DEVELOPMENTS 2017 LIMITED		AS-BUILT		
DESIGN JS		APPROVED BY NH		SCALE		PROJECT NO.		DRAWING NO.		REV.	
DRAWN JS		DATE MAY 2020		1:2500 @ A3		1239		AB-4-200		-	
CHECK RS											



- LEGEND**
- LOT BOUNDARIES
 - STAGE BOUNDARIES
 - ROAD CENTRELINE
 - FINISHED CONTOUR MAJOR (1m INTERVAL)
 - FINISHED CONTOUR MINOR (0.5m INTERVAL)
 - RAINGARDEN AND OUTLET PIPE
 - SECONDARY FLOW FLOOD PATH ARROW
 - NEW STORMWATER PIPE
 - NEW STORMWATER SINGLE CATCHPIT / DOUBLE CATCHPIT
 - EXISTING STORMWATER PIPE
 - EXISTING SINGLE / DOUBLE CATCHPIT
 - ABANDONED STORMWATER PIPE
 - STORMWATER MANHOLE EXISTING / NEW / ABANDONED
 - FUTURE STAGE

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		LAKESIDE DEVELOPMENTS 2017 LIMITED		AS-BUILT		
					STORMWATER OVERLAND FLOW PATH STAGE 2				DESIGN JS	APPROVED BY NH	SCALE 1:750 @ A3
					2 OF 3				CHECK RS	DATE MAY 2020	
									PROJECT NO.	DRAWING NO.	REV.
									1239	AB-4-201	-



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:
SUB0340/18.01 & LUC0137/19

ASBUILT

REV DESCRIPTION		BY	APPVD	DATE	PROJECT		CLIENT		PURPOSE		
					LAKESIDE, TE KAUWHATA		LAKESIDE		AS-BUILT		
					STORMWATER OVERLAND FLOW PATH STAGE 2		DEVELOPMENTS 2017		DESIGN JS	APPROVED BY NH	SCALE 1:750 @ A3
					3 OF 3		LIMITED		DRAWN JS	DATE MAY 2020	
									CHECK RS		
									PROJECT NO.	DRAWING NO.	REV.
									1239	AB-4-202	-