

MILLWATER - PRECINCT 2 STAGE 4C AS-BUILT DRAWINGS

JUNE 2017

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS
PLAN IS INTENDED TO BE SOLELY USED AS
THE BASE DATA FOR THE PURPOSE OF
224C APPLICATION TO COUNCIL.
WFH PROPERTIES LTD AND WOODS AND
PARTNERS CONSULTANTS ACCEPT NO
RESPONSIBILITY FOR ANY BUILDING
DESIGN OR CONSTRUCTION WORK BASED
ON THIS DRAWING FILE.



WOODS
Engineers. Surveyors. Planners.

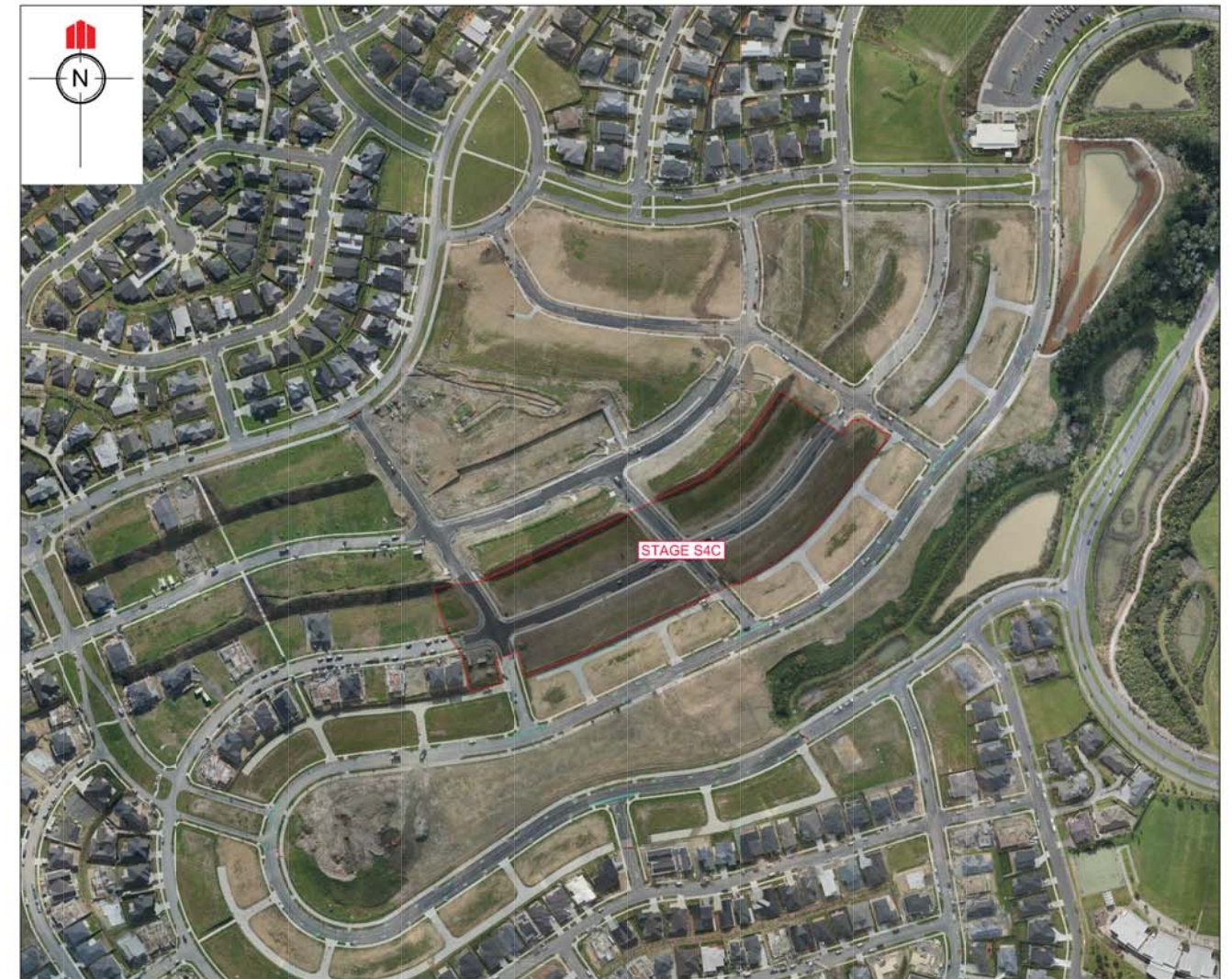
MILLWATER - PRECINCT 2 STAGE 4C

AS-BUILT DRAWINGS

CONTENT INDEX AND LOCALITY PLAN

COVER PAGE	
000	Plans Index and Location Plan
MILLWATER - PRECINCT 2 STAGE 04A AS-BUILT DRAWINGS	
DWG NO	DESCRIPTION
100	Final Contour As-Built Plan
110	Cut/Fill Original Surface - Earthwork Surface As-Built Plan
111	Cut/Fill Earthworks Surface - Final Surface As-Built Plan
112	Cut/Fill Original Surface - Final Surface As-Built Plan
120	Cut/Fill - Shear Key, Undercut & Subsoil Drains As-Built Plan
130 - 132	Retaining Wall As-Built Plan
150	Re-inforced Grid Detail
200 - 203	Roading As-Built Plans
300 - 303	Stormwater As-Built Plan
400 - 402	Wastewater Sewer As-Built Plan
600 - 602	Water Reticulation As-Built Plan

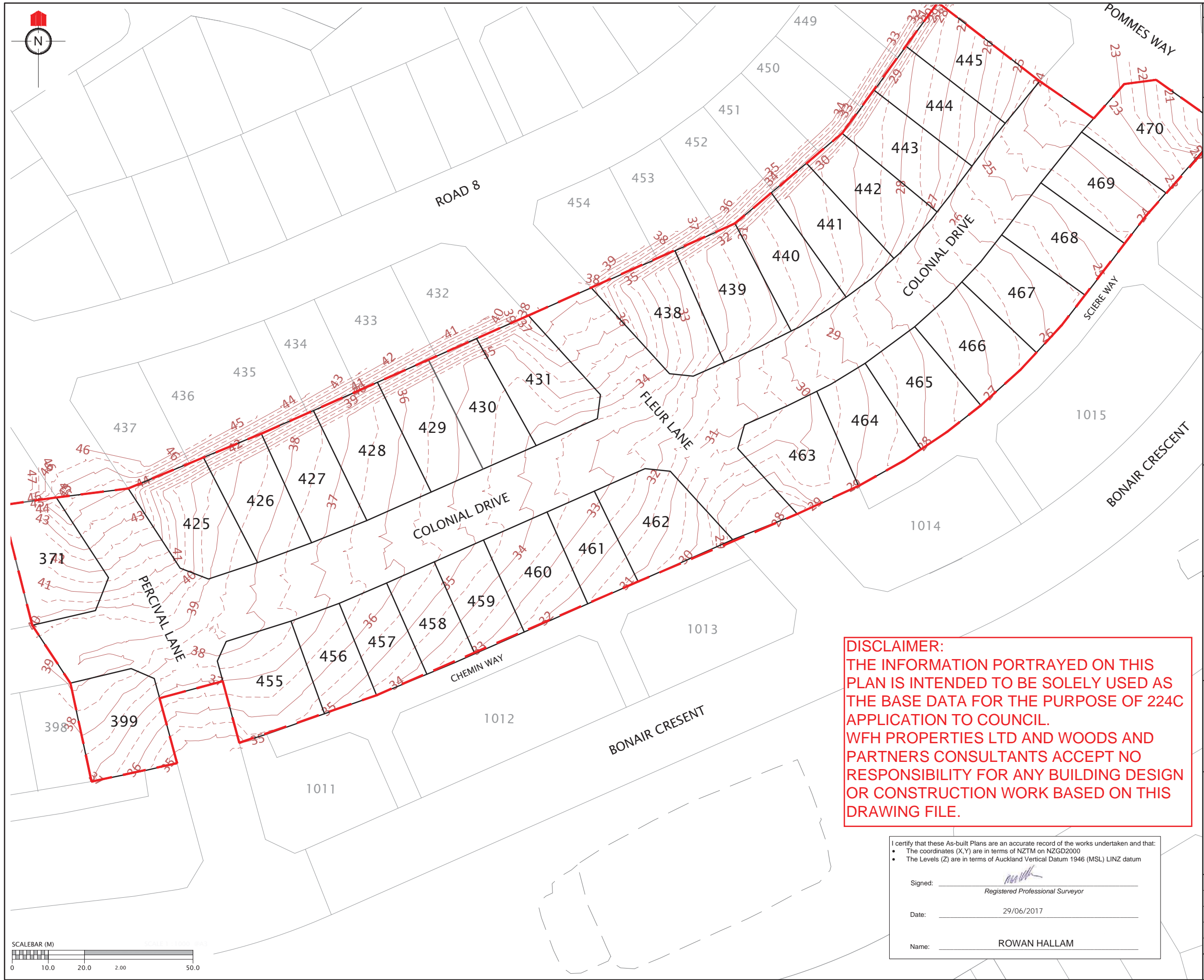
DISCLAIMER:
 THE INFORMATION PORTRAYED ON THIS
 PLAN IS INTENDED TO BE SOLELY USED AS
 THE BASE DATA FOR THE PURPOSE OF
 224C APPLICATION TO COUNCIL.
 WFH PROPERTIES LTD AND WOODS AND
 PARTNERS CONSULTANTS ACCEPT NO
 RESPONSIBILITY FOR ANY BUILDING
 DESIGN OR CONSTRUCTION WORK BASED
 ON THIS DRAWING FILE.



LOCATION PLAN

NOT TO SCALE





REVISION DETAILS		NAME	DATE
<div>NOTES</div> <div>1. CONTOURS ARE AT 0.5 METRE INTERVALS</div>			
<div>LEGEND</div> <div><div>CONTOURS MAJOR</div><div>CONTOURS MINOR</div><div>STAGE BOUNDARIES</div><div>LOT BOUNDARIES</div></div>			
CLIENT:			
<div>WFH PROPERTIES</div>			
<div>WOODS Engineers. Surveyors. Planners.</div>			
MILLWATER PRECINCT 2 STAGE 4C			
FINAL CONTOUR AS-BUILT PLAN			
AUCKLAND COUNCIL			
DESIGNED: JG	ASBUILT		
CHECKED: KR	DRAWN: KH		
APPROVED: MRH	SURVEYED: WOODS		
JOB NUMBER: 33222	SCALE: 1:1000 @ A3		
ISSUED: JULY 2017			
DWG. NO. 33222-04E-100-AB	REV. 1.		

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS PLAN IS INTENDED TO BE SOLELY USED AS THE BASE DATA FOR THE PURPOSE OF 224C APPLICATION TO COUNCIL.
WFH PROPERTIES LTD AND WOODS AND PARTNERS CONSULTANTS ACCEPT NO RESPONSIBILITY FOR ANY BUILDING DESIGN OR CONSTRUCTION WORK BASED ON THIS DRAWING FILE.

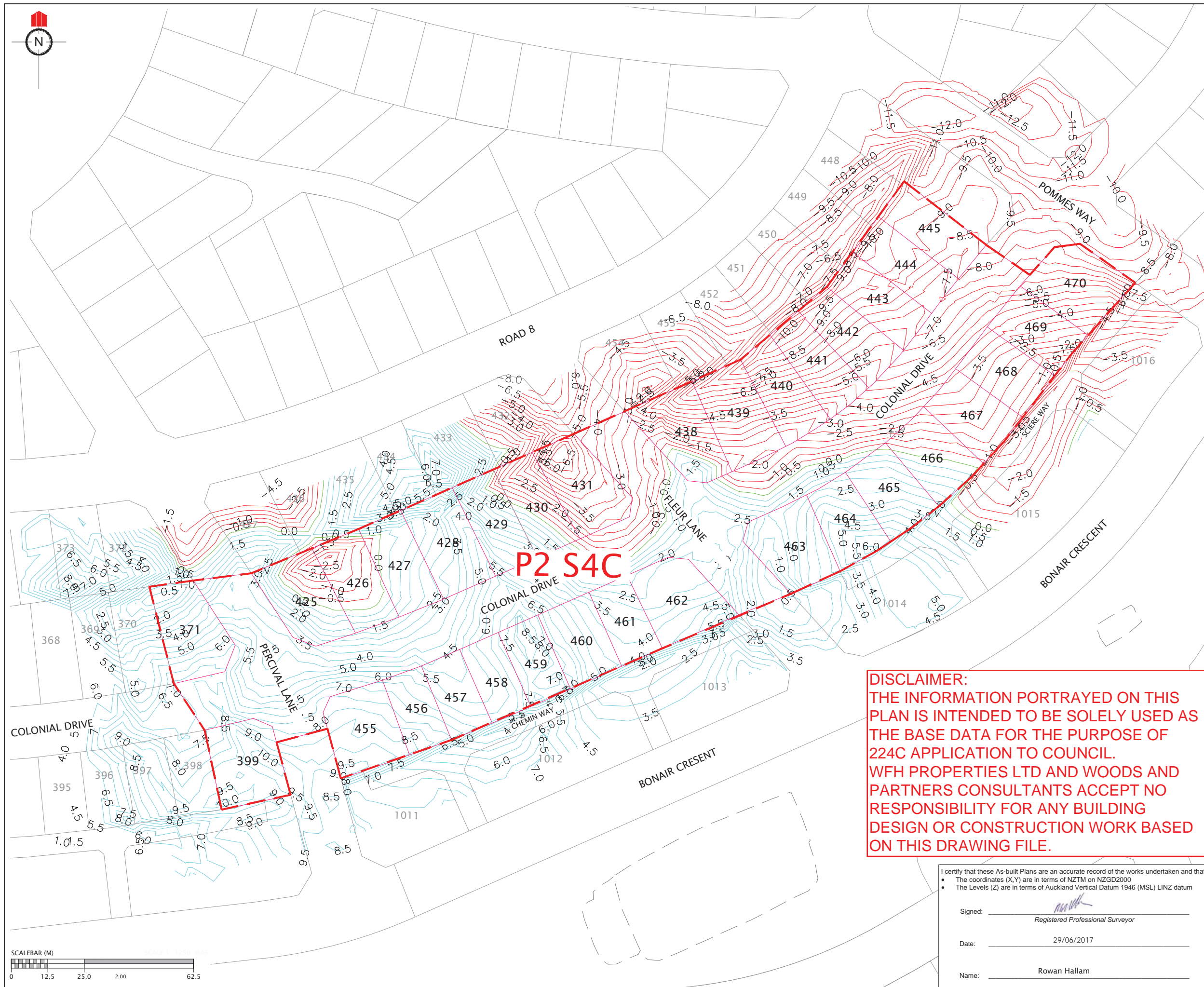
I certify that these As-built Plans are an accurate record of the works undertaken and that:

- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

Signed: _____
Registered Professional Surveyor

Date: 29/06/2017

Name: ROWAN HALLAM



REVISION DETAILS		NAME	DATE

NOTES

1. CONTOURS ARE AT 0.5 METRE INTERVALS

LEGEND

- ZERO CONTOUR
- CUT CONTOUR
- FILL CONTOUR
- STAGE BOUNDARIES
- LOT BOUNDARIES

CLIENT:

MILLWATER PRECINCT 2 STAGE 4C

CUT/FILL CONTOUR AS-BUILT
ORIGINAL SURFACE -
EARTHWORKS SURFACE

AUCKLAND COUNCIL

DESIGNED: RV	ASBUILT
CHECKED: KR	DRAWN: KR
APPROVED: MRH	SURVEYED: WOODS
JOB NUMBER: 33220	SCALE: 1:1250 @ A3
ISSUED: JUNE 2017	
DWG. NO. 33220-04C-110-AB	REV.

I certify that these As-built Plans are an accurate record of the works undertaken and that:

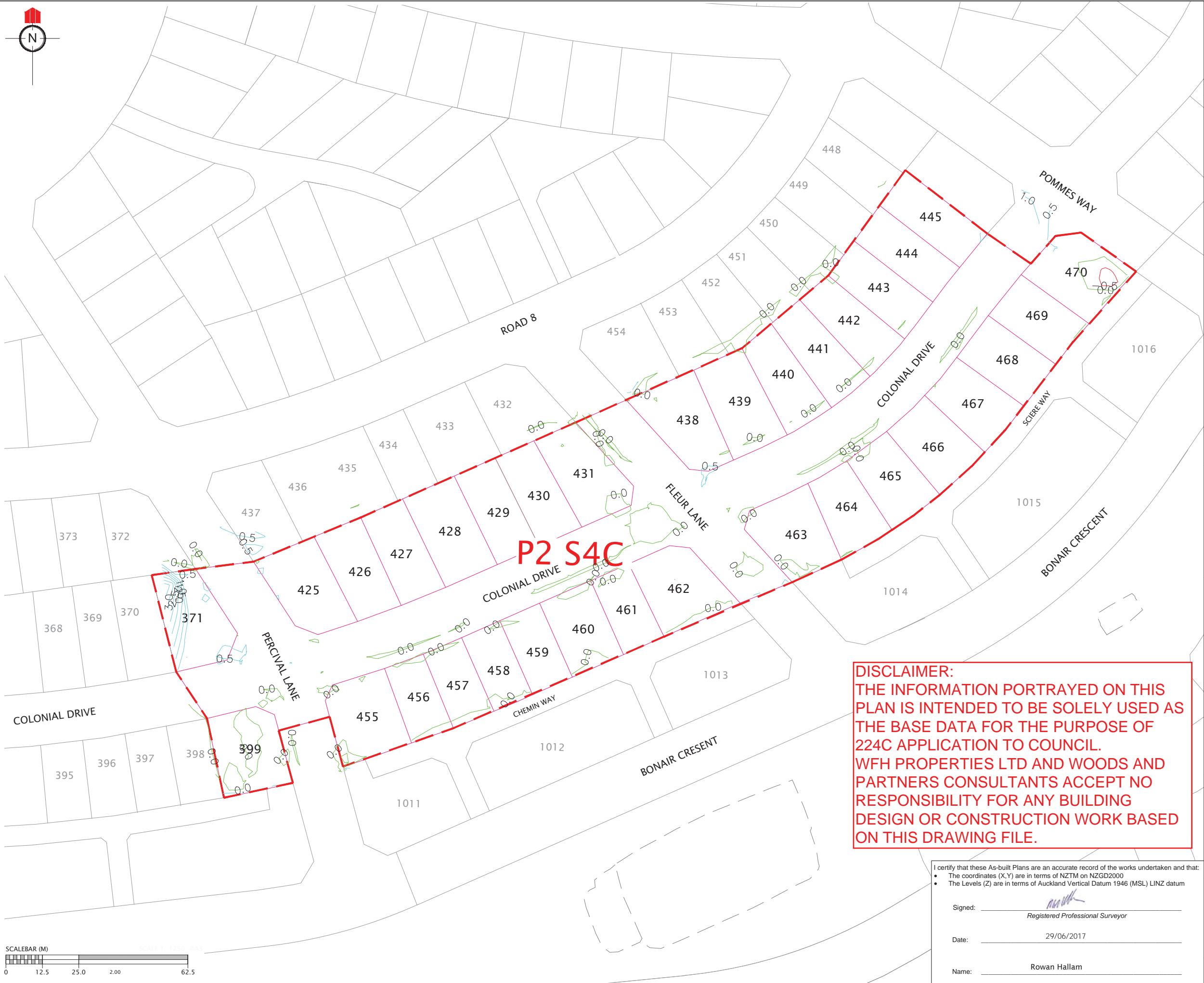
- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

Signed: _____
Registered Professional Surveyor

Date: 29/06/2017

Name: Rowan Hallam

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS
PLAN IS INTENDED TO BE SOLELY USED AS
THE BASE DATA FOR THE PURPOSE OF
224C APPLICATION TO COUNCIL.
WFH PROPERTIES LTD AND WOODS AND
PARTNERS CONSULTANTS ACCEPT NO
RESPONSIBILITY FOR ANY BUILDING
DESIGN OR CONSTRUCTION WORK BASED
ON THIS DRAWING FILE.



REVISION DETAILS

NAME

DATE

NOTES

1. CONTOURS ARE AT 0.5 METRE INTERVALS

LEGEND

ZERO CONTOUR

CUT CONTOUR

FILL CONTOUR

STAGE BOUNDARIES

LOT BOUNDARIES

CLIENT:

WFH

PROPERTIES

WOODS

Engineers. Surveyors. Planners.

MILLWATER
PRECINCT 2
STAGE 4C

CUT/FILL CONTOUR AS-BUILT
EARTHWORKS SURFACE - FINAL
SURFACE

AUCKLAND COUNCIL

DESIGNED: RV

CHECKED: KR

APPROVED: MRH

JOB NUMBER: 33220

ISSUED: JUNE 2017

DWG. NO. 33220-04C-111-AB

ASBUILT

DRAWN: KR

SURVEYED: WOODS

SCALE: 1:1250 @ A3

REV.

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS PLAN IS INTENDED TO BE SOLELY USED AS THE BASE DATA FOR THE PURPOSE OF 224C APPLICATION TO COUNCIL. WFH PROPERTIES LTD AND WOODS AND PARTNERS CONSULTANTS ACCEPT NO RESPONSIBILITY FOR ANY BUILDING DESIGN OR CONSTRUCTION WORK BASED ON THIS DRAWING FILE.

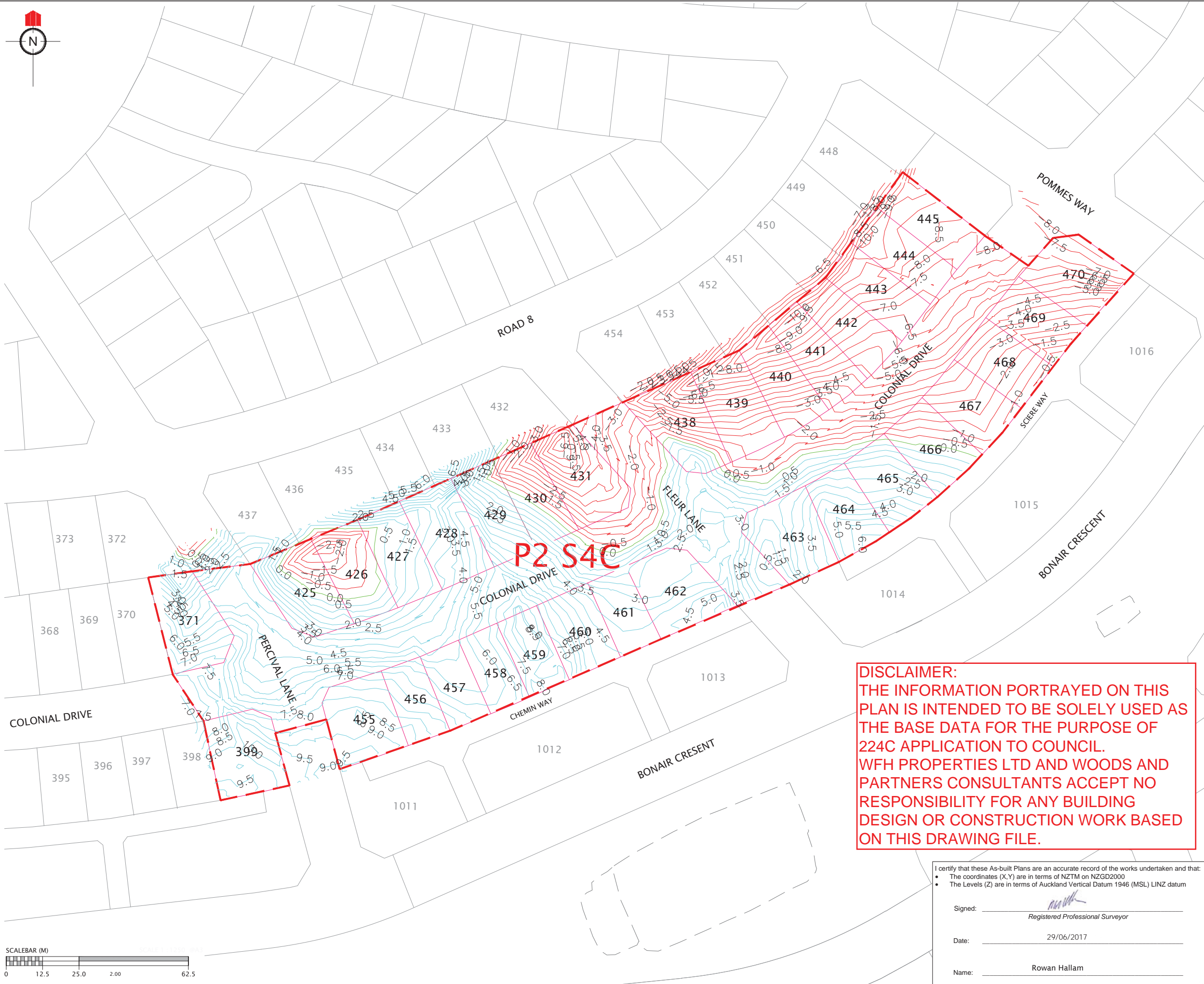
I certify that these As-built Plans are an accurate record of the works undertaken and that:

- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

Signed: _____
Registered Professional Surveyor

Date: 29/06/2017

Name: Rowan Hallam



REVISION DETAILS

NAME

DATE

NOTES

1. CONTOURS ARE AT 0.5 METRE INTERVALS

LEGEND

ZERO CONTOUR

CUT CONTOUR

FILL CONTOUR

STAGE BOUNDARIES

LOT BOUNDARIES

CLIENT:

WFH

PROPERTIES

WOODS

Engineers. Surveyors. Planners.

MILLWATER
PRECINCT 2
STAGE 4C

CUT/FILL CONTOUR AS-BUILT
ORIGINAL SURFACE - FINAL
SURFACE

AUCKLAND COUNCIL

DESIGNED: JG

CHECKED: KR

APPROVED: MRH

JOB NUMBER: 33220

ISSUED: JUNE 2017

DWG. NO. 33220-04C-112-AB

ASBUILT

DRAWN: KH

SURVEYED: WOODS

SCALE: 1:1250 @ A3

REV.

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS
PLAN IS INTENDED TO BE SOLELY USED AS
THE BASE DATA FOR THE PURPOSE OF
224C APPLICATION TO COUNCIL.
WFH PROPERTIES LTD AND WOODS AND
PARTNERS CONSULTANTS ACCEPT NO
RESPONSIBILITY FOR ANY BUILDING
DESIGN OR CONSTRUCTION WORK BASED
ON THIS DRAWING FILE.

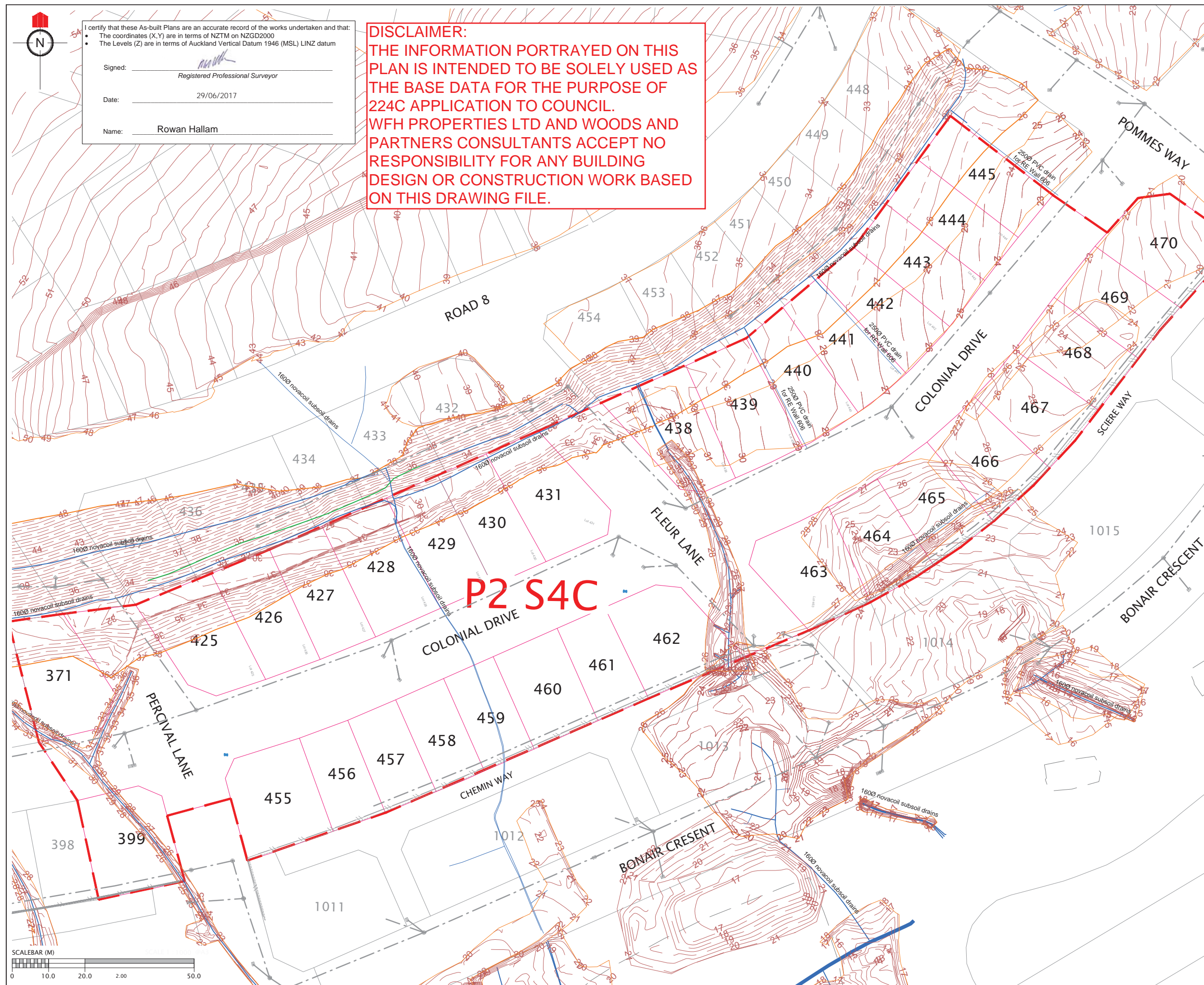
I certify that these As-built Plans are an accurate record of the works undertaken and that:

- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

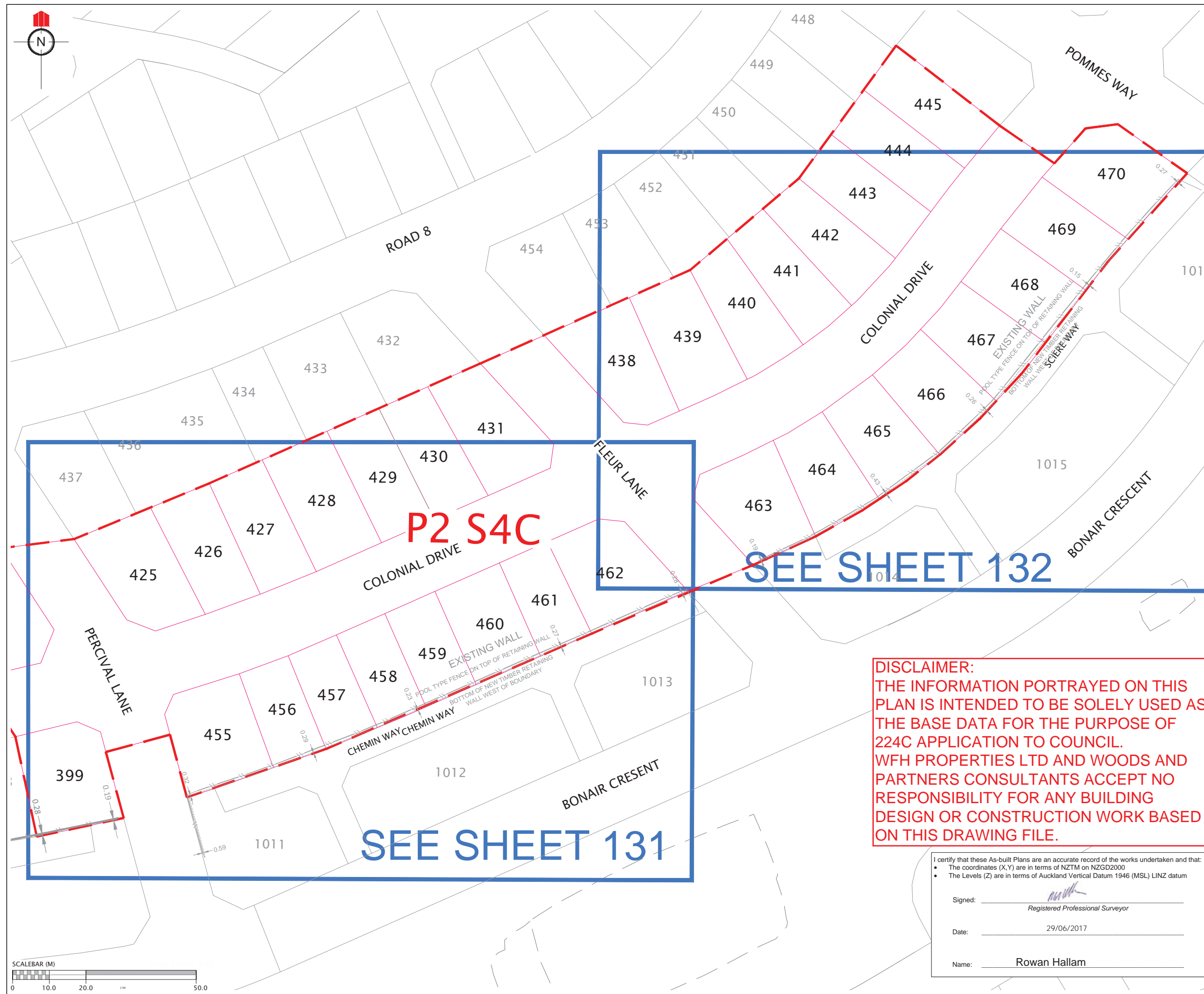
Signed: _____
Registered Professional Surveyor

Date: 29/06/2017

Name: Rowan Hallam



REVISION DETAILS		NAME	DATE
<div>NOTES</div> <div>1. CONTOURS ARE AT 0.5 METRE INTERVALS</div>			
<div>LEGEND</div> <div><div>NOVACOIL SUBSOIL DRAINS</div><div>REINFORCED EARTH & RETAINING WALL SUBSOIL DRAINS</div><div>EXISTING STORMWATER DRAINAGE</div><div>NEW STORMWATER DRAINAGE</div><div>STAGE BOUNDARIES</div><div>LOT BOUNDARIES</div><div>CONTOURS</div><div>SHEAR KEY & UNDERCUT AREAS</div></div>			
CLIENT: <div>WFH PROPERTIES</div>			
<div>WOODS</div> <div>Engineers. Surveyors. Planners.</div>			
MILLWATER PRECINCT 2 STAGE 4C			
SHEAR KEY, UNDERCUTS & SUBSOIL DRAINS AS-BUILT PLAN			
AUCKLAND COUNCIL			
DESIGNED: JG	ASBUILT		
CHECKED: KR	DRAWN: KR		
APPROVED: RH	SURVEYED: WOODS		
JOB NUMBER: 33220	SCALE: 1:1000 @ A3		
ISSUED: JUNE 2017			
DWG. NO. 33220-04C-120-AB	REV.		



REVISION DETAILS		NAME	DATE

NOTE:
BOTTOM FACE OF WALL AS SHOWN IS
FRONT FACE OF WOODEN POSTS

BOTTOM FACE OF WALL
AS SHOWN ON PLAN

POSTS WOODEN RETAINING WALL

LEGEND:

- BOTTOM FACE OF WALL
- TOP FACE OF WALL
- EXISTING WALL
- CATCH PIT/BERM SUMP
- STORMWATER MANHOLE
- ===== FENCES
- STORMWATER LINE
- BOUNDARY
- WALL DRAINAGE

CLIENT:

WFH PROPERTIES

WOODS
Engineers. Surveyors. Planners.

**MILLWATER
PRECINCT 2
STAGE 4C**

RETAINING WALL AS-BUILT
PAGE 1 OF 3

AUCKLAND COUNCIL

DESIGNED: AC	ASBUILT
CHECKED: KR	DRAWN: KR
APPROVED: MRH	SURVEYED: WOODS
JOB NUMBER: 33220	SCALE: 1:1000 @ A3
ISSUED: JUNE 2017	
DWG. NO. 33220-04C-130-AB	REV.

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS
PLAN IS INTENDED TO BE SOLELY USED AS
THE BASE DATA FOR THE PURPOSE OF
224C APPLICATION TO COUNCIL.
WFH PROPERTIES LTD AND WOODS AND
PARTNERS CONSULTANTS ACCEPT NO
RESPONSIBILITY FOR ANY BUILDING
DESIGN OR CONSTRUCTION WORK BASED
ON THIS DRAWING FILE.

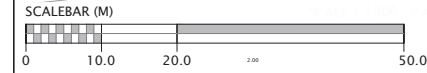
I certify that these As-built Plans are an accurate record of the works undertaken and that:

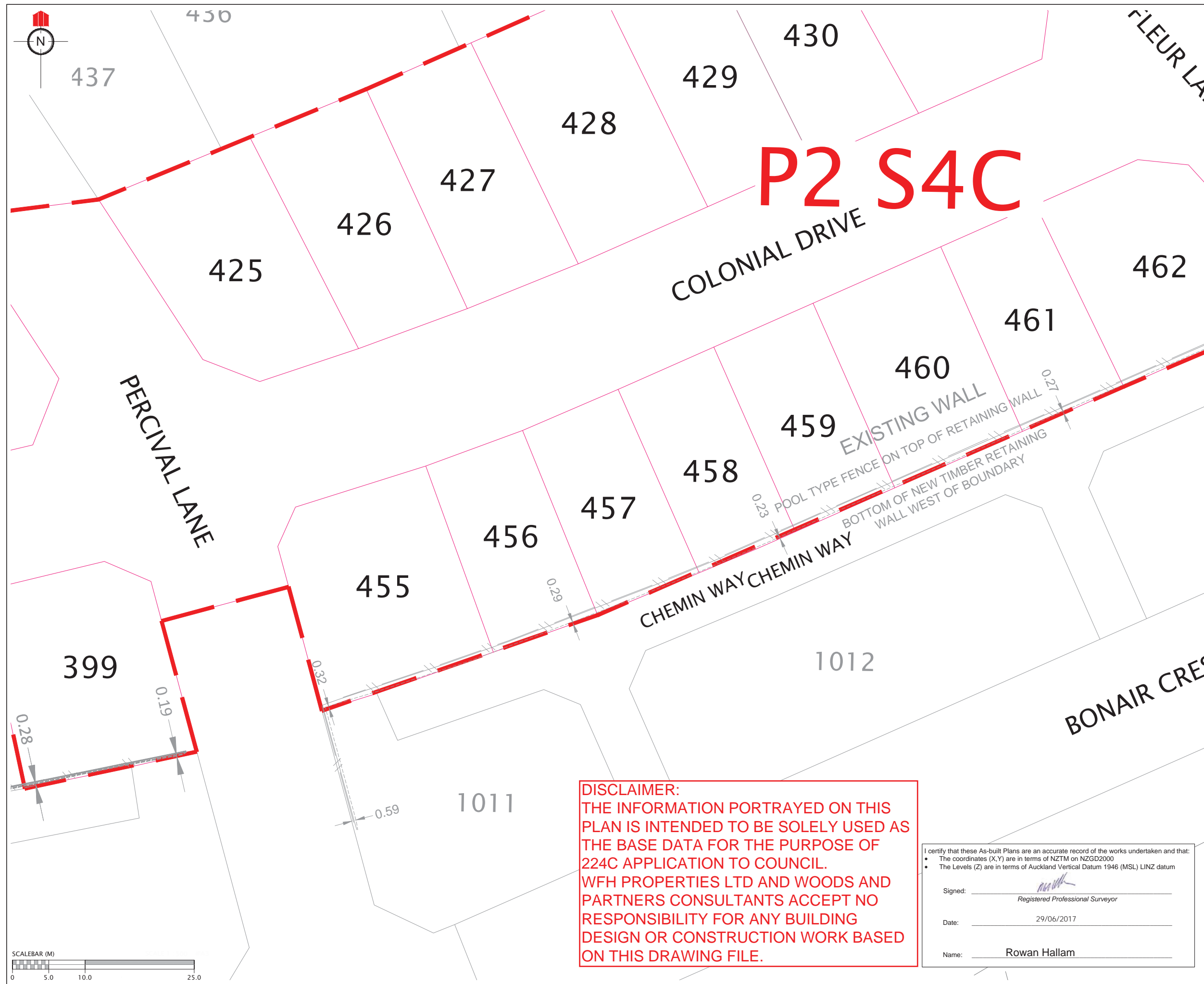
- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

Signed: Registered Professional Surveyor

Date: 29/06/2017

Name: Rowan Hallam





REVISION DETAILS		NAME	DATE

NOTE:
BOTTOM FACE OF WALL AS SHOWN IS
FRONT FACE OF WOODEN POSTS

BOTTOM FACE OF WALL
AS SHOWN ON PLAN

POSTS WOODEN RETAINING WALL

LEGEND:

- BOTTOM FACE OF WALL
- TOP FACE OF WALL
- EXISTING WALL
- CATCH PIT/BERM SUMP
- STORMWATER MANHOLE
- ===== FENCES
- STORMWATER LINE
- BOUNDARY
- WALL DRAINAGE

CLIENT:

WOODS
Engineers. Surveyors. Planners.

MILLWATER
PRECINCT 2
STAGE 4C

RETAINING WALL AS-BUILT
PAGE 2 OF 3

AUCKLAND COUNCIL

DESIGNED: AC	ASBUILT
CHECKED: KR	DRAWN: KR
APPROVED: MRH	SURVEYED: WOODS
JOB NUMBER: 33220	SCALE: 1:500 @ A3
ISSUED: MAY 2017	
DWG. NO. 33220-04C-131-AB	REV.

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS
PLAN IS INTENDED TO BE SOLELY USED AS
THE BASE DATA FOR THE PURPOSE OF
224C APPLICATION TO COUNCIL.
WFH PROPERTIES LTD AND WOODS AND
PARTNERS CONSULTANTS ACCEPT NO
RESPONSIBILITY FOR ANY BUILDING
DESIGN OR CONSTRUCTION WORK BASED
ON THIS DRAWING FILE.

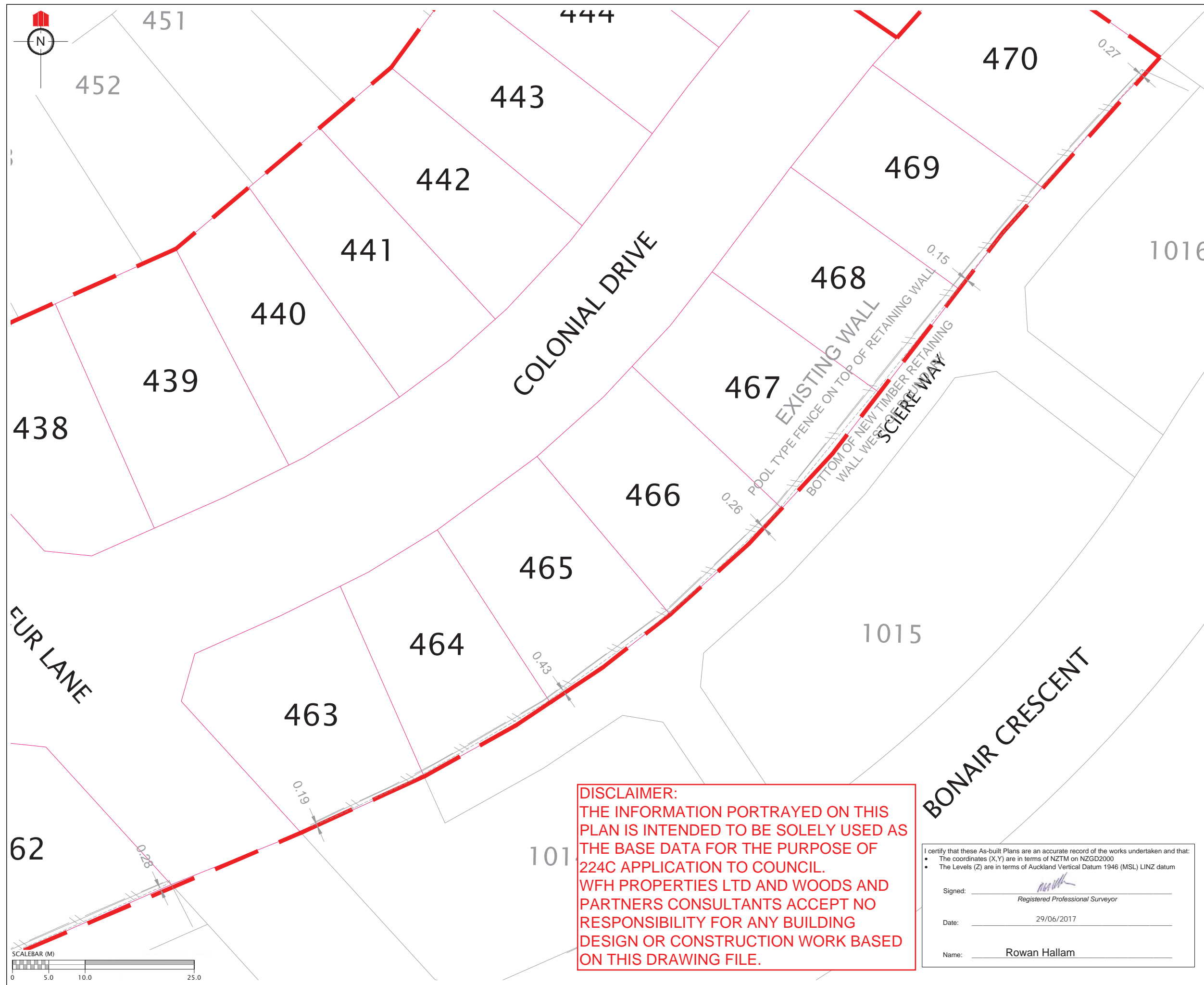
I certify that these As-built Plans are an accurate record of the works undertaken and that:

- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

Signed: Registered Professional Surveyor

Date: 29/06/2017

Name: Rowan Hallam



REVISION DETAILS		NAME	DATE

NOTE:
BOTTOM FACE OF WALL AS SHOWN IS
FRONT FACE OF WOODEN POSTS

BOTTOM FACE OF WALL
AS SHOWN ON PLAN

POSTS ○○○○

WOODEN RETAINING WALL

LEGEND:

- BOTTOM FACE OF WALL
- TOP FACE OF WALL
- EXISTING WALL
- ⌘ CATCH PIT/BERM SUMP
- STORMWATER MANHOLE
- FENCES
- STORMWATER LINE
- BOUNDARY
- WALL DRAINAGE

CLIENT:



WFH
PROPERTIES



WOODS
Engineers. Surveyors. Planners.

**MILLWATER
PRECINCT 2
STAGE 4C**

**RETAINING WALL AS-BUILT
PAGE 3 OF 3**


AUCKLAND COUNCIL

DESIGNED: AC	ASBUILT
CHECKED: KR	DRAWN: KR
APPROVED: MRH	SURVEYED: WOODS
JOB NUMBER: 33220	SCALE: 1:500 @ A3
ISSUED: MAY 2017	
DWG. NO. 33220-04C-132-AB	REV.

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS
PLAN IS INTENDED TO BE SOLELY USED AS
THE BASE DATA FOR THE PURPOSE OF
224C APPLICATION TO COUNCIL.
WFH PROPERTIES LTD AND WOODS AND
PARTNERS CONSULTANTS ACCEPT NO
RESPONSIBILITY FOR ANY BUILDING
DESIGN OR CONSTRUCTION WORK BASED
ON THIS DRAWING FILE.

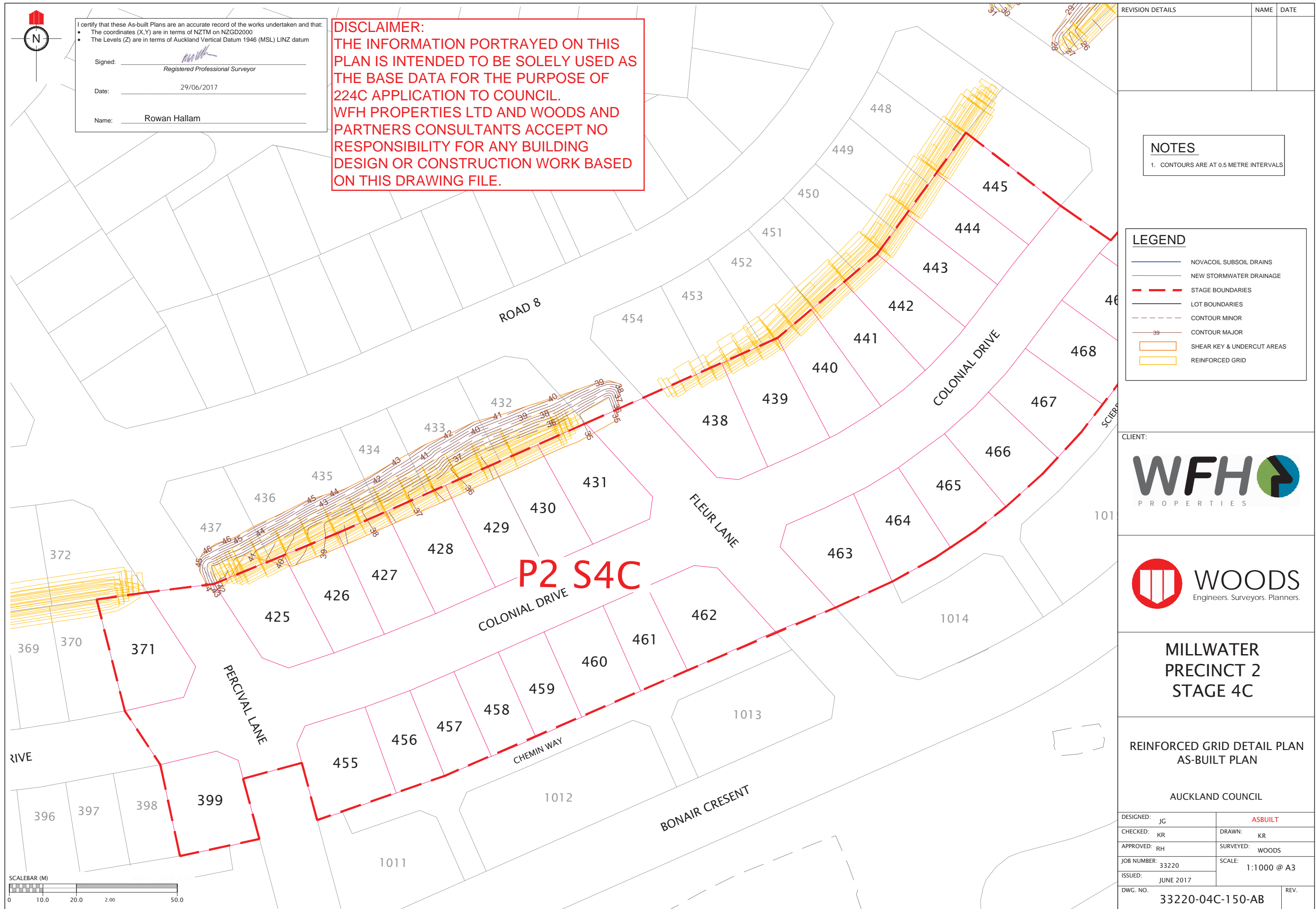
I certify that these As-built Plans are an accurate record of the works undertaken and that:

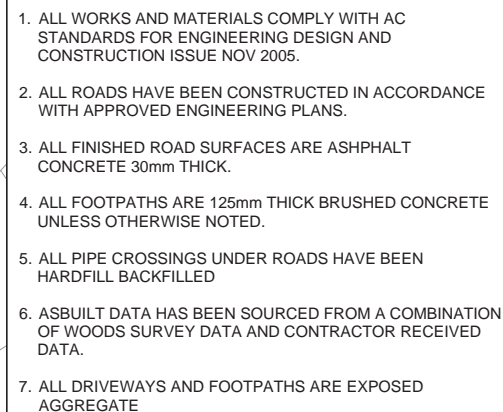
- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

Signed: 
Registered Professional Surveyor

Date: 29/06/2017

Name: Rowan Hallam





I certify that these As-built Plans are an accurate record of the works undertaken and that:

















- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

Signed: _____
Rowan Hallam
Registered Professional Surveyor

Date: _____
14/07/2017

Name: _____
Rowan Hallam

LEGEND

- | | |
|---|----------------------------|
|  | STREET LIGHT |
|  | ROAD NAME SIGN |
|  | CATCH PIT/BERM SUMP |
|  | STORMWATER MANHOLE |
|  | RG-6 SIGN (GIVE WAY) |
|  | STREET TREE |
|  | STAGE EXTENTS |
|  | SS BOUNDARY KIT |
|  | SS ISOLATION VALVE |
|  | SS FLUSHING POINT |
|  | SS AIR VALVE |
|  | WATER SLUICE VALVE |
|  | WATER PEET VALVE |
|  | WATER FIRE HYDRANT |
|  | POWER BOX |
|  | TELECOMMUNICATIONS MANHOLE |

CLIENT:



MILLWATER
PRECINCT 2
STAGE 4C

ROADING AS-BUILT
PAGE 1 OF 4

AUCKLAND COUNCIL

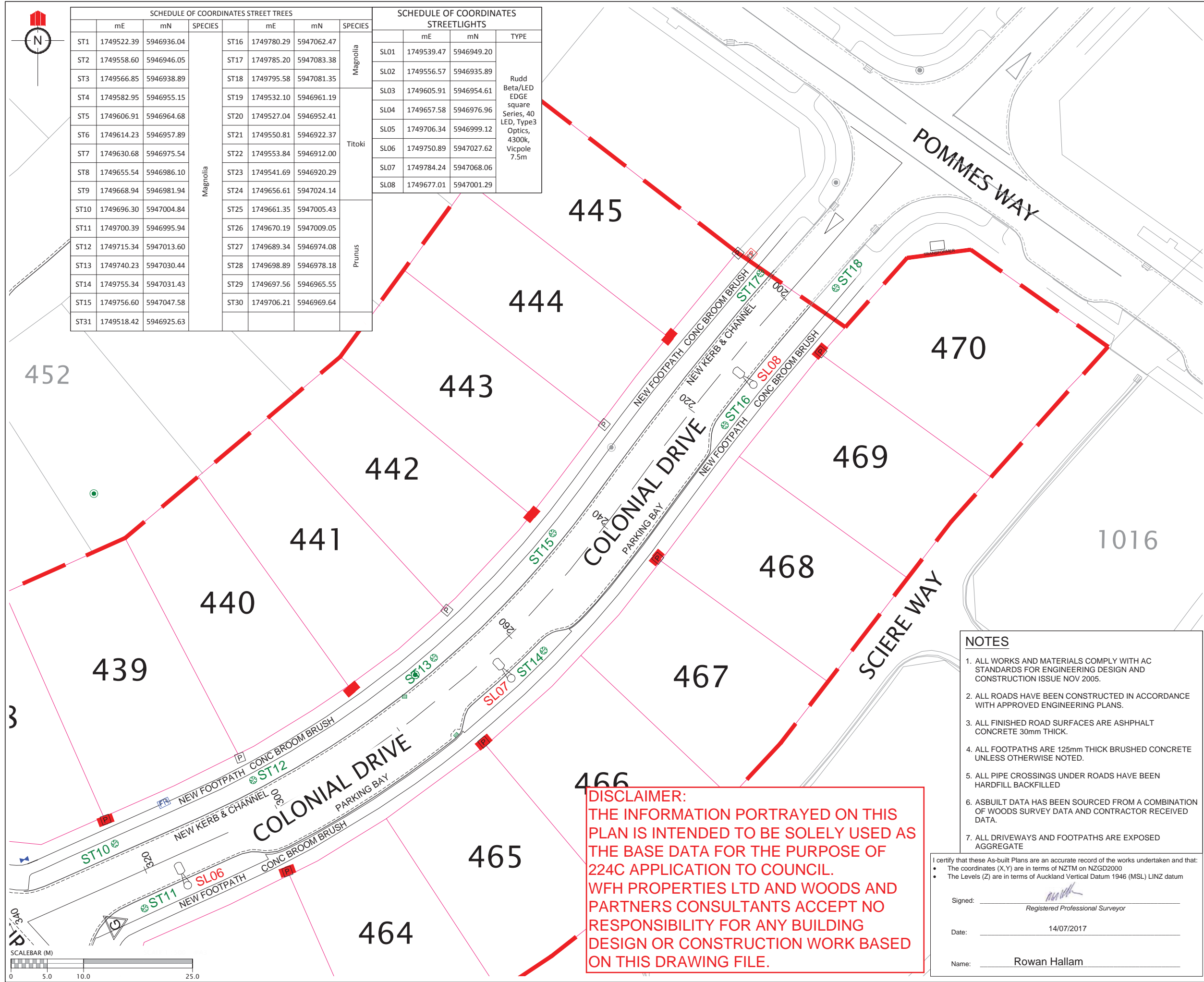
DESIGNED:	RV	ASBUILT	
CHECKED:	KR	DRAWN:	KR
APPROVED:	MRH	SURVEYED:	WOODS
JOB NUMBER:	33220	SCALE:	1:1250 @ A3
ISSUED:	JULY 2017		
DWG. NO.		33220-04C-200-AB	REV.

SCHEDULE OF COORDINATES STREETLIGHTS			
	mE	mN	TYPE
SL01	1749539.47	5946949.20	Rudd Beta/LED EDGE square Series, 40 LED, Type Optics, 4300k, Vicpole 7.5m
SL02	1749556.57	5946935.89	
SL03	1749605.91	5946954.61	
SL04	1749657.58	5946976.96	
SL05	1749706.34	5946999.12	
SL06	1749750.89	5947027.62	
SL07	1749784.24	5947068.06	
SL08	1749677.01	5947001.29	

SCHEDULE OF COORDINATES STREET TREES							
	mE	mN	SPECIES		mE	mN	SPECIES
ST1	1749522.39	5946936.04	Magnolia	ST16	1749780.29	5947062.47	Magnolia
ST2	1749558.60	5946946.05		ST17	1749785.20	5947083.38	
ST3	1749566.85	5946938.89		ST18	1749795.58	5947081.35	
ST4	1749582.95	5946955.15		ST19	1749532.10	5946961.19	
ST5	1749606.91	5946964.68		ST20	1749527.04	5946952.41	
ST6	1749614.23	5946957.89		ST21	1749550.81	5946922.37	Titoki
ST7	1749630.68	5946975.54		ST22	1749553.84	5946912.00	
ST8	1749655.54	5946986.10		ST23	1749541.69	5946920.29	
ST9	1749668.94	5946981.94		ST24	1749656.61	5947024.14	Prunus
ST10	1749696.30	5947004.84		ST25	1749661.35	5947005.43	
ST11	1749700.39	5946995.94		ST26	1749670.19	5947009.05	
ST12	1749715.34	5947013.60		ST27	1749689.34	5946974.08	
ST13	1749740.23	5947030.44		ST28	1749698.89	5946978.18	
ST14	1749755.34	5947031.43		ST29	1749697.56	5946965.55	
ST15	1749756.60	5947047.58		ST30	1749706.21	5946969.64	
ST31	1749518.42	5946925.63					

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS
PLAN IS INTENDED TO BE SOLELY USED AS
THE BASE DATA FOR THE PURPOSE OF
224C APPLICATION TO COUNCIL.
WFH PROPERTIES LTD AND WOODS AND
PARTNERS CONSULTANTS ACCEPT NO
RESPONSIBILITY FOR ANY BUILDING
DESIGN OR CONSTRUCTION WORK BASED
ON THIS DRAWING FILE.





SCHEDULE OF COORDINATES STREET TREES						SCHEDULE OF COORDINATES STREETLIGHTS			
	mE	mN	SPECIES		mE	mN	SPECIES		
ST1	1749522.39	5946936.04	Magnolia	ST16	1749780.29	5947062.47	Magnolia	SL01	1749539.47
ST2	1749558.60	5946946.05		ST17	1749785.20	5947083.38		SL02	1749556.57
ST3	1749566.85	5946938.89		ST18	1749795.58	5947081.35		SL03	1749605.91
ST4	1749582.95	5946955.15		ST19	1749532.10	5946961.19		SL04	1749657.58
ST5	1749606.91	5946964.68		ST20	1749527.04	5946952.41		SL05	1749706.34
ST6	1749614.23	5946957.89		ST21	1749550.81	5946922.37		SL06	1749750.89
ST7	1749630.68	5946975.54		ST22	1749553.84	5946912.00		SL07	1749784.24
ST8	1749655.54	5946986.10		ST23	1749541.69	5946920.29		SL08	1749677.01
ST9	1749668.94	5946981.94		ST24	1749656.61	5947024.14			
ST10	1749696.30	5947004.84		ST25	1749661.35	5947005.43			
ST11	1749700.39	5946995.94	Titoki	ST26	1749670.19	5947009.05	Prunus		
ST12	1749715.34	5947013.60		ST27	1749689.34	5946974.08			
ST13	1749740.23	5947030.44		ST28	1749698.89	5946978.18			
ST14	1749755.34	5947031.43		ST29	1749697.56	5946965.55			
ST15	1749756.60	5947047.58		ST30	1749706.21	5946969.64			
ST31	1749518.42	5946925.63							

REVISION DETAILS

NAME

DATE

LEGEND

STREET LIGHT

ROAD NAME SIGN

CATCH PIT/BERM SUMP

STORMWATER MANHOLE

RG-6 SIGN (GIVE WAY)

STREET TREE

STAGE EXTENTS

SS BOUNDARY KIT

SS ISOLATION VALVE

SS FLUSHING POINT

SS AIR VALVE

WATER SLUICE VALVE

WATER PEET VALVE

WATER FIRE HYDRANT

POWER BOX

TELECOMMUNICATIONS MANHOLE

CLIENT:

WFH

PROPERTIES

WOODS

Engineers. Surveyors. Planners.

MILLWATER

PRECINCT 2

STAGE 4C

ROADING AS-BUILT

PAGE 4 OF 4

AUCKLAND COUNCIL

DESIGNED: RV

CHECKED: KR

APPROVED: MRH

JOB NUMBER: 33220

ISSUED: JULY 2017

DWG. NO. 33220-04C-203-AB

ASBUILT

DRAWN: KR

SURVEYED: WOODS

SCALE: 1:500 @ A3

REV.

NOTES

- ALL WORKS AND MATERIALS COMPLY WITH AC STANDARDS FOR ENGINEERING DESIGN AND CONSTRUCTION ISSUE NOV 2005.
- ALL ROADS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH APPROVED ENGINEERING PLANS.
- ALL FINISHED ROAD SURFACES ARE ASPHALT CONCRETE 30mm THICK.
- ALL FOOTPATHS ARE 125mm THICK BRUSHED CONCRETE UNLESS OTHERWISE NOTED.
- ALL PIPE CROSSINGS UNDER ROADS HAVE BEEN HARDFILL BACKFILLED
- ASBUILT DATA HAS BEEN SOURCED FROM A COMBINATION OF WOODS SURVEY DATA AND CONTRACTOR RECEIVED DATA.
- ALL DRIVEWAYS AND FOOTPATHS ARE EXPOSED AGGREGATE

I certify that these As-built Plans are an accurate record of the works undertaken and that:

- The coordinates (X,Y) are in terms of NZTM on NZGD2000
- The Levels (Z) are in terms of Auckland Vertical Datum 1946 (MSL) LINZ datum

Signed: _____
Registered Professional Surveyor

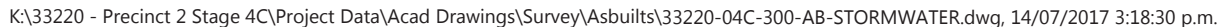
Date: _____
14/07/2017

Name: _____
Rowan Hallam

DISCLAIMER:
THE INFORMATION PORTRAYED ON THIS PLAN IS INTENDED TO BE SOLELY USED AS THE BASE DATA FOR THE PURPOSE OF 224C APPLICATION TO COUNCIL. WFH PROPERTIES LTD AND WOODS AND PARTNERS CONSULTANTS ACCEPT NO RESPONSIBILITY FOR ANY BUILDING DESIGN OR CONSTRUCTION WORK BASED ON THIS DRAWING FILE.

SCALEBAR (M)

0 12.5 25.0 62.5





REVISION DETAILS	NAME	DATE

SCHEDULE OF COORDINATES		
	mE	Mn
REDUCER		
R1	1749497.76	5947020.61
R2	1749716.04	5947016.34
R3	1749763.52	5947060.21
FLUSHING PIT		
FP1	1749783.5	5947085.96
ISOLATION VALVE		
IV1	1749497.4	5947021.14

CLIENT:

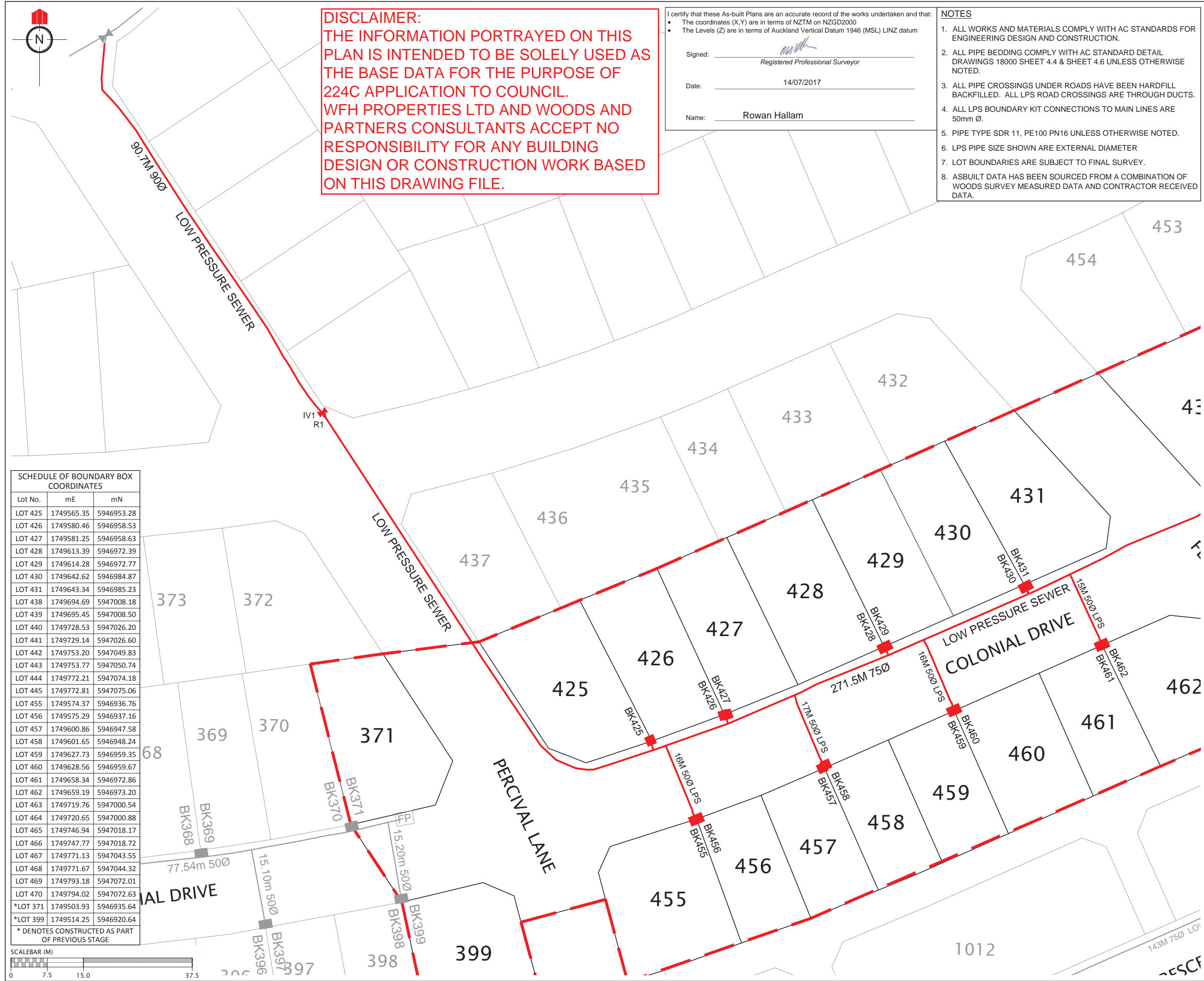


MILLWATER
PRECINCT 2
STAGE 4C

WASTEWATER ASBUILT PLAN
SHEET 1 OF 3

AUCKLAND COUNCIL

DESIGNED:	RV	AS-BUILT	
CHECKED:	KR	DRAWN:	KR
APPROVED:	MRH	SURVEYED:	WOODS
JOB NUMBER:	33220	SCALE:	1:1500 @ A3
ISSUED:	JULY 2017		
DWG. NO.			REV.
33220-04C-400-AB			



REVISION DETAILS		NAME	DATE

LEGEND

- BK60 ■ BOUNDARY KIT
- IV ■ ISOLATION VALVE
- FP ■ FLUSHING POINT
- AV ■ AIR VALVE
- R ■ REDUCER
- LOW PRESSURE SEWER
- EXISTING LOW PRESSURE SEWER
- STAGE BOUNDARY

SCHEDULE OF COORDINATES

	mE	Mn
REDUCER		
R1	1749497.76	5947020.61
R2	1749716.04	5947016.34
R3	1749763.52	5947060.21
FLUSHING PIT		
FP1	1749783.5	5947085.96
ISOLATION VALVE		
IV1	1749497.4	5947021.14

CLIENT:

WFH PROPERTIES

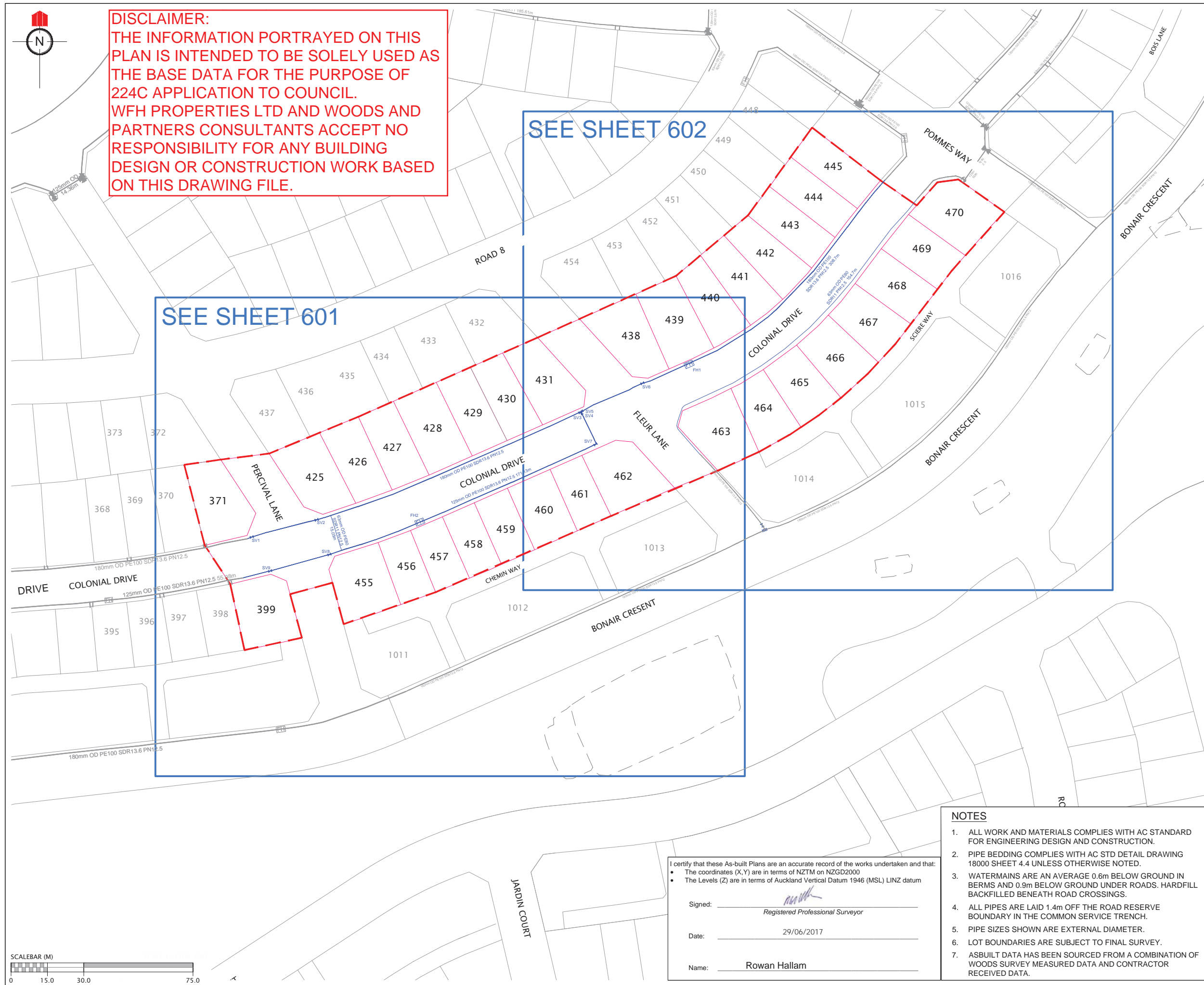
WOODS
Engineers. Surveyors. Planners.

MILLWATER PRECINCT 2 STAGE 4C

WASTEWATER ASBUILT PLAN SHEET 2 OF 3

AUCKLAND COUNCIL

DESIGNED: RV	AS-BUILT
CHECKED: KR	DRAWN: KR
APPROVED: MRH	SURVEYED: WOODS
JOB NUMBER: 33220	SCALE: 1:750 @ A3
ISSUED: JULY 2017	
DWG. NO. 33220-04C-401-AB	REV.




REVISION DETAILS		NAME	DATE


LEGEND		
EXISTING WATERMAIN		
HIGH PESSURE WATERMAIN		
SLUICE VALVE	SV1	
PEET VALVE	PV	
FIRE HYDRANT	FH	
BLANK CAP	BC1	
STAGE BOUNDARY		

SCHEDULE OF COORDINATES		
	mE	mN
FIRE HYDRANTS		
FH1	1749703.03	5947010.48
FH2	1749592.05	5946945.43
SLUICE VALVES		
SV1	1749522.75	5946939.27
SV2	1749549.5	5946946.35
SV3	1749658.16	5946990.69
SV4	1749658.65	5946990.4
SV5	1749658.71	5946990.94
SV6	1749683.81	5947002.67
SV7	1749664.46	5946977.5
SV8	1749554.73	5946932.04
SV9	1749530.28	5946925.25

CLIENT:



WFH
PROPERTIES



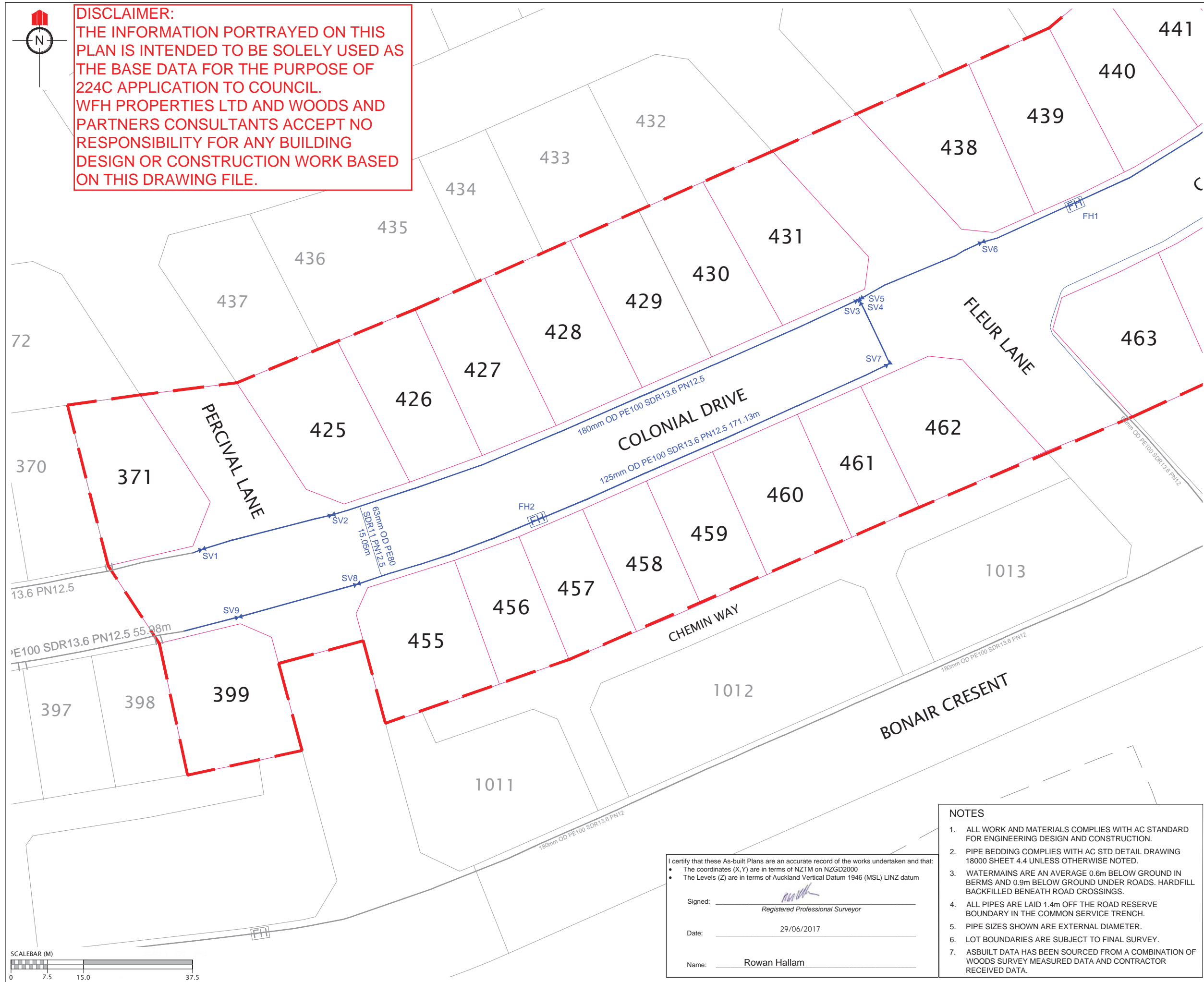
WOODS
Engineers. Surveyors. Planners.

**MILLWATER
PRECINCT 2
STAGE 4C**

**WATERMAIN ASBUILT PLAN
SHEET 1 OF 3**

AUCKLAND COUNCIL

DESIGNED: RV	AS-BUILT
CHECKED: KR	DRAWN: KR
APPROVED: MRH	SURVEYED: WOODS
JOB NUMBER: 33220	SCALE: 1:1500 @ A3
ISSUED: JUNE 2017	
DWG. NO. 33220-04C-600-AB	REV.



REVISION DETAILS		NAME	DATE

LEGEND	
EXISTING WATERMAIN	
HIGH PRESSURE WATERMAIN	
SLUICE VALVE	SV1
PEET VALVE	PV
FIRE HYDRANT	FH
BLANK CAP	BC1
STAGE BOUNDARY	

SCHEDULE OF COORDINATES	
	mE mN
FIRE HYDRANTS	
FH1	1749703.03 5947010.48
FH2	1749592.05 5946945.43
SLUICE VALVES	
SV1	1749522.75 5946939.27
SV2	1749549.5 5946946.35
SV3	1749658.16 5946990.69
SV4	1749658.65 5946990.4
SV5	1749658.71 5946990.94
SV6	1749683.81 5947002.67
SV7	1749664.46 5946977.5
SV8	1749554.73 5946932.04
SV9	1749530.28 5946925.25

CLIENT:

WFH PROPERTIES

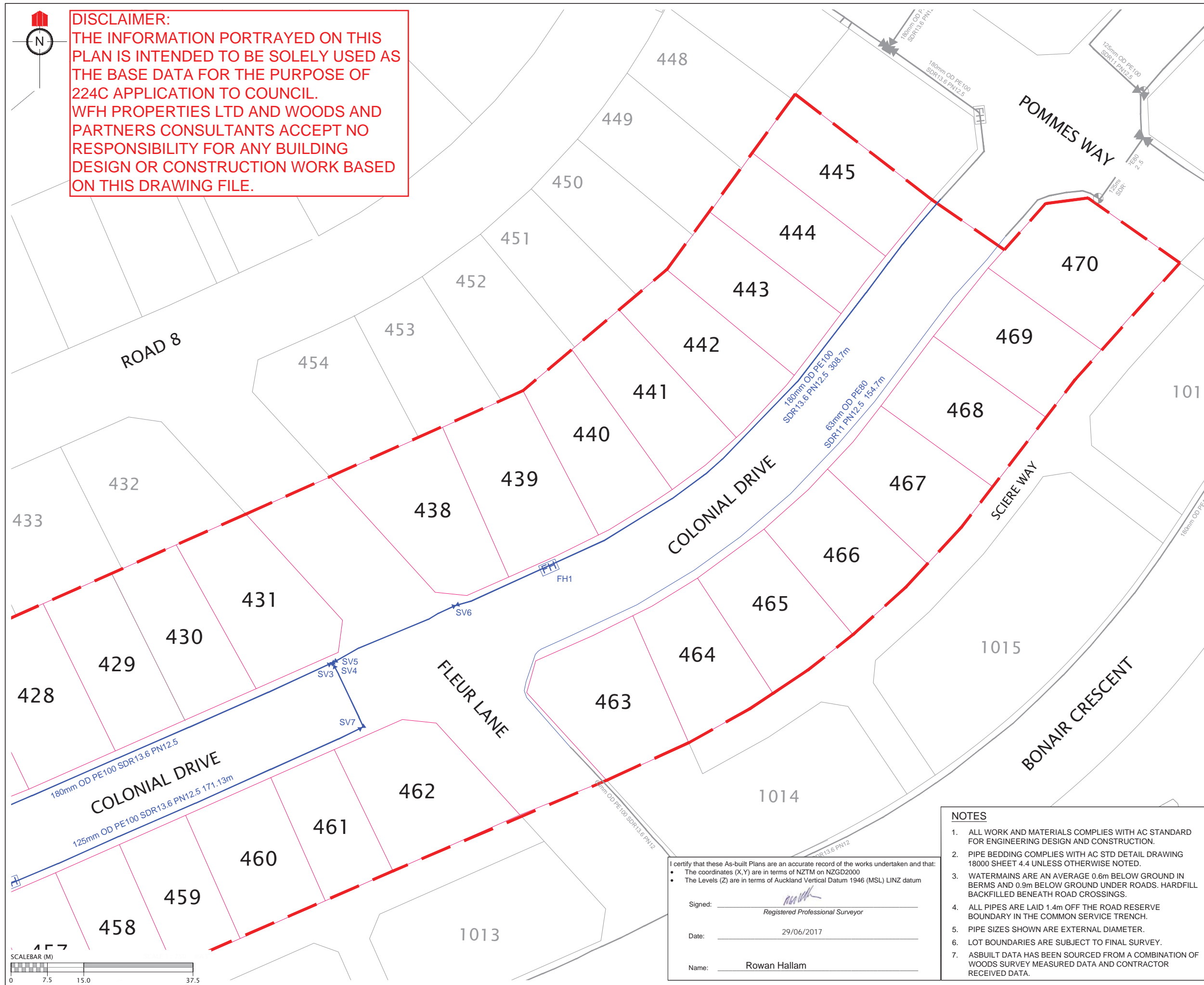
WOODS
Engineers. Surveyors. Planners.

MILLWATER
PRECINCT 2
STAGE 4C

WATERMAIN ASBUILT PLAN
SHEET 2 OF 3

AUCKLAND COUNCIL

DESIGNED: RV	AS-BUILT
CHECKED: KR	DRAWN: KR
APPROVED: MRH	SURVEYED: WOODS
JOB NUMBER: 33220	SCALE: 1:750 @ A3
ISSUED: JUNE 2017	
DWG. NO. 33220-04C-601-AB	REV.



REVISION DETAILS		NAME	DATE

LEGEND	
EXISTING WATERMAIN	
HIGH PRESSURE WATERMAIN	
SLUICE VALVE	SV1
PEET VALVE	PV
FIRE HYDRANT	FH
BLANK CAP	BC1
STAGE BOUNDARY	

SCHEDULE OF COORDINATES	
	mE mN
FIRE HYDRANTS	
FH1	1749703.03 5947010.48
FH2	1749592.05 5946945.43
SLUICE VALVES	
SV1	1749522.75 5946939.27
SV2	1749549.5 5946946.35
SV3	1749658.16 5946990.69
SV4	1749658.65 5946990.4
SV5	1749658.71 5946990.94
SV6	1749683.81 5947002.67
SV7	1749664.46 5946977.5
SV8	1749554.73 5946932.04
SV9	1749530.28 5946925.25

CLIENT:

MILLWATER
PRECINCT 2
STAGE 4C

WATERMAIN ASBUILT PLAN
SHEET 3 OF 3

AUCKLAND COUNCIL

DESIGNED: RV	AS-BUILT
CHECKED: KR	DRAWN: KR
APPROVED: MRH	SURVEYED: WOODS
JOB NUMBER: 33220	SCALE: 1:750 @ A3
ISSUED: JUNE 2017	
DWG. NO. 33220-04C-602-AB	REV.