



APPENDIX B

Resource Consent Civil Works
Drawings



▪ CIVIL ENGINEERING

Project No 3124460

KOHIMARAMA RETIREMENT VILLAGE

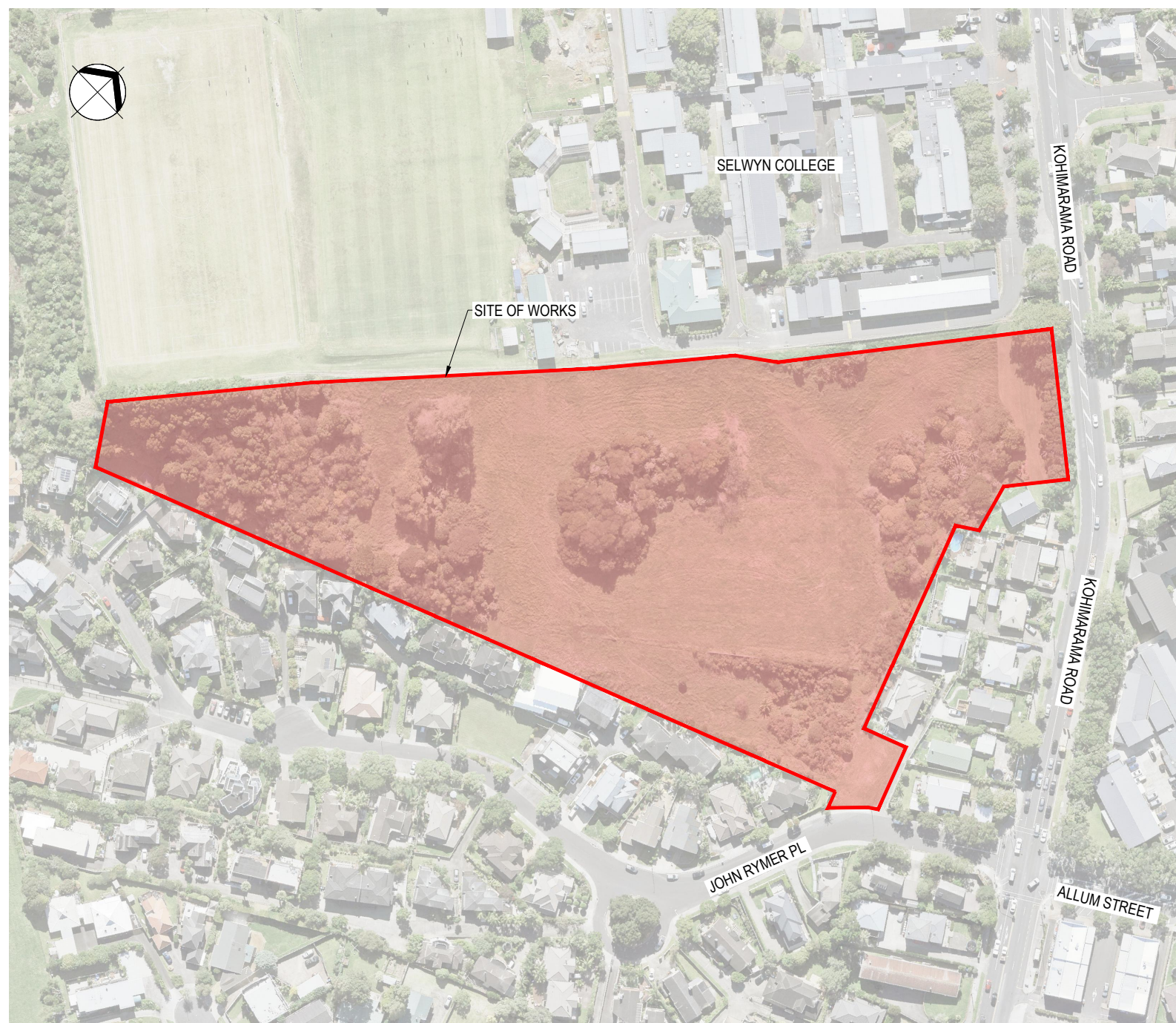
ISSUED FOR RESOURCE CONSENT

Prepared for



By
Beca

FEBRUARY 2020



Drawing No.	044-RCT_401_CO-000	Rev.	C
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DRAWING LIST

DRAWING No.	Rev	DRAWING TITLE
044-RCT_401_C0-000	C	COVER SHEET
044-RCT_401_C0-001	C	DRAWING LIST
044-RCT_401_C0-002	C	LEGEND
044-RCT_401_C0-021	C	PROPOSED GRADING AND DRAINAGE PLAN - SHEET 1 OF 2
044-RCT_401_C0-031	C	PROPOSED SEWER AND WATER PLAN
044-RCT_401_C0-041	C	PROPOSED POWER, GAS AND COMMS PLAN

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No.	Revision	By	Chk	Appd	Date
C	RESOURCE CONSENT	COB	RM	RM	14.02.20

Drawing Originator:



Original Scale (A1)	Design	DF/WL	30.08.19	Approved For Construction*
AS SHOWN	Drawn	JM	30.08.19	
Reduced Scale (A3)	Dwg Verifier	RM	06.02.20	
1/2 SHOWN	Dwg Check	SS	06.02.20	Date

* Refer to Revision 1 for Original Signature

Client:



Project: **KOHIMARAMA
RETIREMENT VILLAGE**


























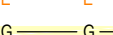

















Title: **DRAWING LIST**

Discipline	Drawing No.	Rev.
CIVIL ENGINEERING	044-RCT_401_C0-001	C


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Document No. 044-RCT_401_C0-001.DWG

LEGEND:

	SITE BOUNDARY
	RETAINING WALL
	MINOR DESIGN CONTOUR (0.1m)
	MAJOR DESIGN CONTOUR (1.0m)
	BOWLING GREEN
	PROPOSED BUILDING
	EXISTING TREES AND VEGETATION TO RETAIN (OR TO BE REINSTATED)
	PROPOSED STORMWATER
	EXISTING STORMWATER
	EXISTING SERVICE TO BE ABANDONED
	PROPOSED SANITARY SEWER
	EXISTING SANITARY SEWER
	2m OFFSET
	EXISTING WATERMAIN
	PROPOSED WATER SUPPLY (OD125 PE100 PN12.5)
	PROPOSED WATER SUPPLY (OD180 PE100 PN12.5)
	PROPOSED FIRE SUPPLY (OD180 PE100 PN12.5)
	PROPOSED FIRE HYDRANT
	PROPOSED WATER METER
	PROPOSED SLUICE VALVE
	PROPOSED NON RETURN VALVE
	PROPOSED LV POWER SUPPLY
	PROPOSED HV POWER SUPPLY
	EXISTING POWER (11KV)
	EXISTING GAS
	PROPOSED RAISED PEDESTRIAN CROSSING
	PROPOSED PRAM CROSSING
	PROPOSED SAFETY FENCING
	PROPOSED GAS (63 OD PE100)
	EXISTING STORMWATER MANHOLE
	EXISTING SUMP
	EXISTING STORMWATER PIPE
	EXISTING SEWER LINE & MANHOLE
	EXISTING WATER LINE
	EXISTING WATER METER (INDICATIVE ALIGNMENT ONLY. AS SHOWN ON SURVEY)
	FIRE HYDRANT
	FENCE LINE
	EXISTING FENCE GATE
	EXISTING TREES TO BE REMOVED
	EXISTING BOREHOLE
	EXISTING STREET LIGHT
	EXISTING TEL. PILLAR
	EXISTING POWER POLE

No.	Revision	By	Chk	Appd	Date
C	FOR RESOURCE CONSENT	COB	RM	BC	13.02.20

Drawing Originator:			
Original Scale (A1)	Design	WL	30.08.19
AS SHOWN	Drawn	JK	30.08.19
Reduced Scale (A3)	Dwg Verifier	RM	06.02.20
1/2 SHOWN	Dwg Check	SS	06.02.20
			Date
			* Refer to Revision 1 for Original Signature

Client:	
Project:	KOHIMARAMA RETIREMENT VILLAGE

Title:	LEGEND
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Discipline:	CIVIL ENGINEERING
Drawing No:	044-RCT_401_C0-002
Rev:	C

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MANHOLE SWMH 5.5 TO BE INSTALLED OVER EXISTING STORMWATER PIPE FORM SELWYN COLLEGE TO DIVERT FLOW TO THE REALIGNED STREAM.

OVERLAND FLOW FROM ADJACENT SITE TO BE CAPTURED WITH AN UPSTAND ON TOP OF RETAINING WALL.

HEADWALL OUTFALL TO STREAM. RIP RAP TO BE INSTALLED TO PREVENT SCOUR AND EROSION.

PROPOSED RESTORED/REALIGNED INTERMITTENT STREAM

DROP IN STREAM REFER TO DRAWING 044-RCT_401_C3-061 FOR LEVELS.

INTERCEPT EXISTING STORMWATER HERE

DROP IN STREAM REFER TO DRAWING 044-RCT_401_C3-061 FOR LEVELS.

INTERCEPT EXISTING STORMWATER FROM KOHIMARAMA ROAD AND DIVERT INTO REALIGNED STREAM.

DROP IN STREAM REFER TO DRAWING 044-RCT_401_C3-061 FOR LEVELS.

ATTENUATION STORAGE TANK LOCATED UNDER THE BUILDING.

DROP IN STREAM REFER TO DRAWING 044-RCT-C3_401-061 FOR LEVELS.

FOR DETAILS WITHIN THIS AREA REFER TO DRAWING 044-RCT-401_C0-022 FOR LEVELS.

EXISTING MANHOLE NP 4851 TO BE REBUILT AND REPOSITIONED TO AVOID PROPOSED RETAINING WALL.

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C	FOR RESOURCE CONSENT	COB	RM	BC	13.02.20
No.	Revision	By	Chk	Appd	Date



Original Scale (A1)	Design	COB	06.02.20	Approved For Construction*
1:500	Drawn	SOB	06.02.20	
Reduced Scale (A3)	Design Verifier	RM	06.02.20	Date
1:1000	Design Check	SS	06.02.20	

* Refer to Revision 1 for Original Signature

Client: **RYMAN HEALTHCARE**

Project: **KOHIMARAMA RETIREMENT VILLAGE**

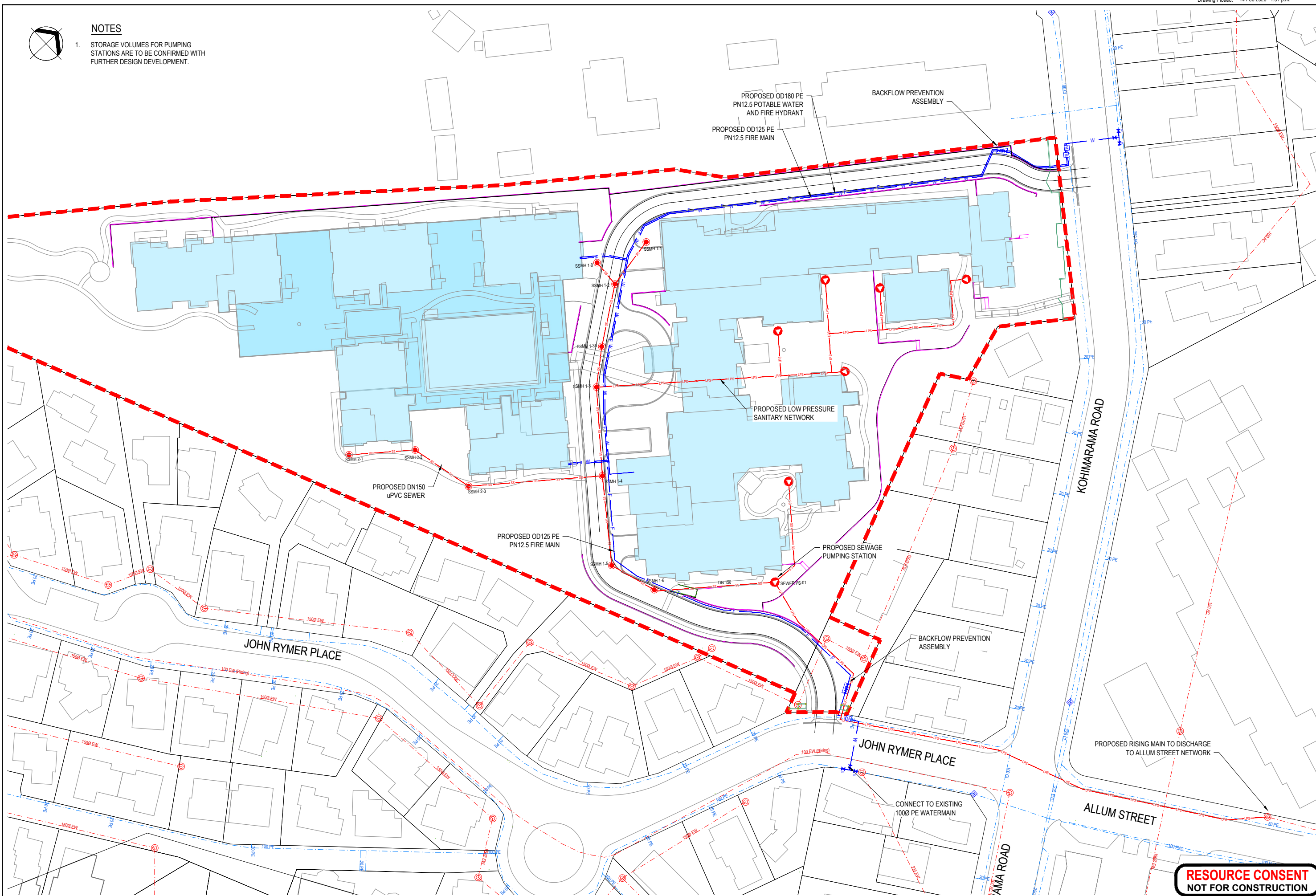
Title: **CONCEPT DESIGN GRADING AND DRAINAGE PLAN SHEET 1 OF 2**

Discipline	CIVIL ENGINEERING
Drawing No.	044-RCT_401_C0-021
Rev.	C



NOTES

1. STORAGE VOLUMES FOR PUMPING STATIONS ARE TO BE CONFIRMED WITH FURTHER DESIGN DEVELOPMENT.



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No.	Revision	By	Chk	Appd	Date

Drawing Originator:
Beca

Original Scale (A1)	Design	DF/WL	30.08.19	Approved For Construction*
1:500	Drawn	JM	30.08.19	
Reduced Scale (A3)	Design Checker	RM	06.02.20	Date
1:1000	Design Checker	SS	06.02.20	

* Refer to Revision 1 for Original Signature

Client:



Project: **KOHIMARAMA RETIREMENT VILLAGE**

Title: **CONCEPT DESIGN SEWER AND WATER PLAN**

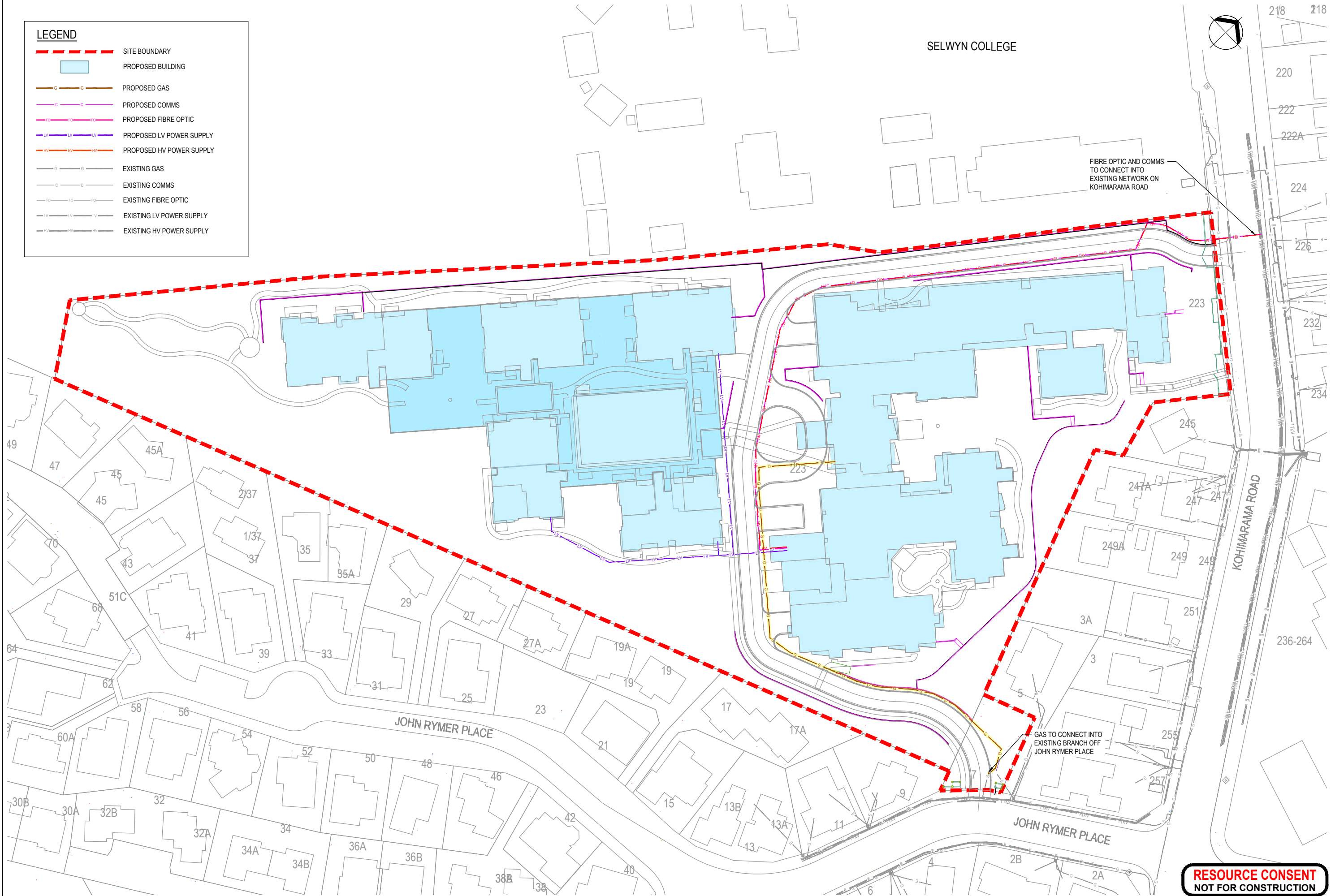
Discipline	CIVIL ENGINEERING
Drawing No.	044-RCT_401_C0-031
Rev.	C

SELWYN COLLEGE



LEGEND

- - - SITE BOUNDARY
- PROPOSED BUILDING
- G — G — PROPOSED GAS
- C — C — PROPOSED COMMS
- FO — FO — FO — PROPOSED FIBRE OPTIC
- LV — LV — LV — PROPOSED LV POWER SUPPLY
- HV — HV — HV — PROPOSED HV POWER SUPPLY
- G — G — EXISTING GAS
- C — C — EXISTING COMMS
- FO — FO — FO — EXISTING FIBRE OPTIC
- LV — LV — LV — EXISTING LV POWER SUPPLY
- HV — HV — HV — EXISTING HV POWER SUPPLY



RESOURCE CONSENT
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No.	Revision	By	Chk	Appd	Date

Drawing Originator:

Original Scale (A1)	Design	DF/WL	30.08.19	Approved For Construction*
1:500	Drawn	JM	30.08.19	
Reduced Scale (A3)	Design Checker	RM	06.02.20	Date
1:1000	Design Checker	SS	06.02.20	

* Refer to Revision 1 for Original Signature

Client:

Project: **KOHIMARAMA RETIREMENT VILLAGE**

Title: **CONCEPT DESIGN POWER, GAS AND COMMS PLAN**

Discipline	CIVIL ENGINEERING
Drawing No.	044-RCT_401_C0-041
Rev.	C