Sam Roberts Architectural Designer & CAD Technician
Licensed Building Practitioner - Design 2 (#BP136048)
P. 021 326 207 **E.** sam@samrobots.com

Professional Profile

I have spent the past 13+ years honing my skills in architecture studios in Wellington and Auckland. This experience has exposed me to a diverse range of projects, spanning from residential alterations to multi-storey apartment buildings, residential developments, commercial earthquake strengthening, and hospitality design.

One of my greatest strengths lies in my attention to detail, enabling me to deliver unique and innovative solutions that align with design briefs. As a former graphic designer, I have an eye for aesthetic responses to challenges and the ability to clearly articulate ideas and information.

Beyond the creative realm, I am equally comfortable taking on more managerial responsibilities. I have experience with site observations on multiple projects and effectively guided junior architects and technicians through projects, studio systems, software and compliance with building regulations.

Outside of professional pursuits, I enjoy indulging my architectural and sustainability interests where I can. In the past I have participated in part of the construction of a rammed earth building at Beachlands, Auckland. I have attended earth building conferences and am a member of EBANZ, further fuelling my passion for architectural exploration and sustainable practices. I have also attended the COHO Hui and have a deep personal interest in cohousing and similar housing arrangements.

Key Skills and Experience

- Highly skilled in ArchiCAD with over 13 years experience, including Teamwork/ Bimcloud, hotlink modules & the Cadimage suite on projects from small internal alterations to multi-building apartment complexes.
- Self motivated, experience working remotely for my entire tenure at PENZL.
- Able to step in to direct others where necessary.
- Very capable lateral thinker. Able to resolve problems quickly and effectively.
- Able to pick up new skills and processes quickly - a hands on learner.
- Extremely capable designing using standards such as NZS3604 & NZS4229, the NZBC, and experienced designing & detailing using novel systems such as SIP and CLT.
- Experienced seeing projects from concept design with client, developed design & specification, detail design in collaboration with consultants, through to site observation.
- Strong presentation skills as a qualified graphic designer with years of experience using the Adobe Creative Suite for print and web.

Professional Experience

2023 - 2026 - Architectural Technician and LBP, LTD Architectural Design

Key Achievements

- Documented 24 Townhouse development to Building Consent solo, collaborating with multiple consultants, suppliers, and other stake holders to ensure design intent was reflected in the completed build. Assistance to workers onsite is ongoing.
- Documented multiple house builds to varying degrees, from Resource Consent through to Building Consent and construction assistance.
- Set up and managed ArchiCAD Bimcloud server to allow off site access.
- Updated and maintained the office ArchiCAD Template with an aim to simplify processes and to add tools ensuring accuracy.

Key Responsibilities

- Providing accurate documentation in accordance with the standards set by both the NZBC and within the company.
- Developing well researched design solutions that ensure the design intent is reflected in the completed project.
- Assist with queries from site.
- Maintain clear communication of project status both internally and with any outside stake holders.
- Provide assistance within the office when others require it.

2021 - 2023 - Architectural Technician and LBP, Pacific Environments, (Warkworth office)

Key Achievements

- Worked with design team and consultants to bring multiple projects to site. Projects range from single residences to multi-unit town house & apartment projects.
- Became versed in the use of CLT in large residential projects.
- Worked with the CAD technician team to develop methods of managing CAD files for large multi-building, multi-unit & multi-stage projects.
- Developed the skills & tools for working without direct contact with the rest of my team while working solo in the Warkworth office.
- Helped to develop office manuals for various ArchiCAD processes with a view to speeding up work flows & removing bottlenecks.
- Helped to develop office CAD standards.

Key Responsibilities

- Providing accurate documentation in accordance with the standards set by both the NZBC & within the company.
- Research and develop resolved and functional design solutions that satisfy the brief and enhance the design concept at all levels.
- Help develop office systems to streamline BIM work flows.
- Maintain regular and proactive communication with Project Leader or CAD Manager to ensure all risks are well managed in advance.
- Assist with development of junior staff involved on the project.

2013 - 2021 - Architectural Designer & Technician and Licensed Building Practitioner, Foundation Architects, Wellington

Key Achievements

- Worked with clients to bring a 14 unit development to Resource Consent. The project began with site selection, providing fast advice on the potential of various sites, initial massing exercises, through to concepts, to resource consent architectural documentation.
- Attained qualification as a Licensed Building Practitioner - Design 2
- Member of the design team on Ngaio House, a 2.5 bedroom new build in Ngaio, Wellington.
- Member of the design team on Ngaio House 2, an economical 3 bedroom family home built in structural insulated panels in Ngaio, Wellington.
- Member of the team that designed the Egmont St Eatery restaurant in Wellington.
- Member of the team that bought a 7 floor, 30+ unit apartment building including retail at ground level to Resource Consent stage in Lower Hutt.
- Implemented "Beers & Tears" - a Friday afternoon critique of projects at various stages.

Key Responsibilities

- Developing and communicating concepts based on client briefs.
- Providing documentation for all project stages, from initial selling of the concept to clients through to pricing documentation, to Building & Resource Consent and site changes.
- Providing documentation for quantity surveying and pricing by contractors. Analysis of this information for cost control.
- Site observation - documentation of meetings, contract instructions and defects processes.
- Marketing, including implementation and population of a new website, brand update, posting via social media, web, print and site signage.
- Bottle store run on Friday afternoons.
-

Additional Experience

Qualification & past life as a graphic designer - freelance, agency and corporate marketing.

References available on request.

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Mt Victoria Sleepout - 2017

Project Scope

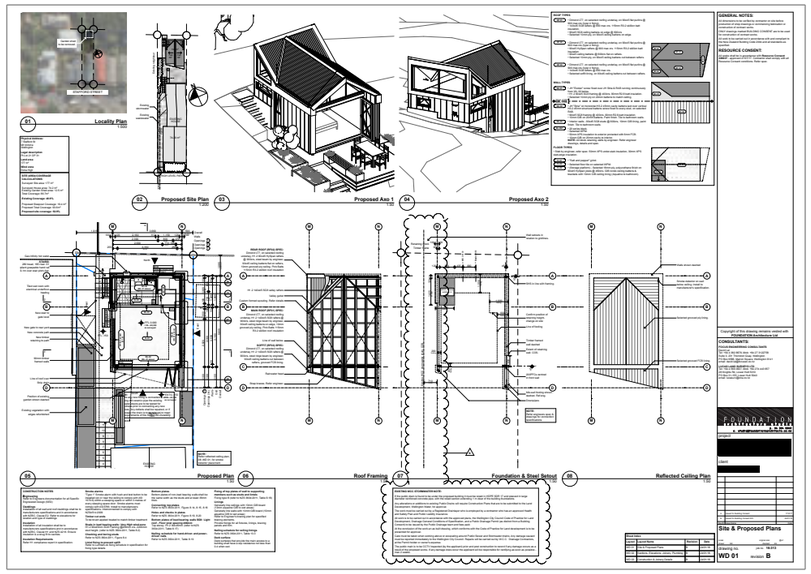
A single bed sleepout with bathroom and storage. Layout to take advantage of views into adjacent green belt reserve.

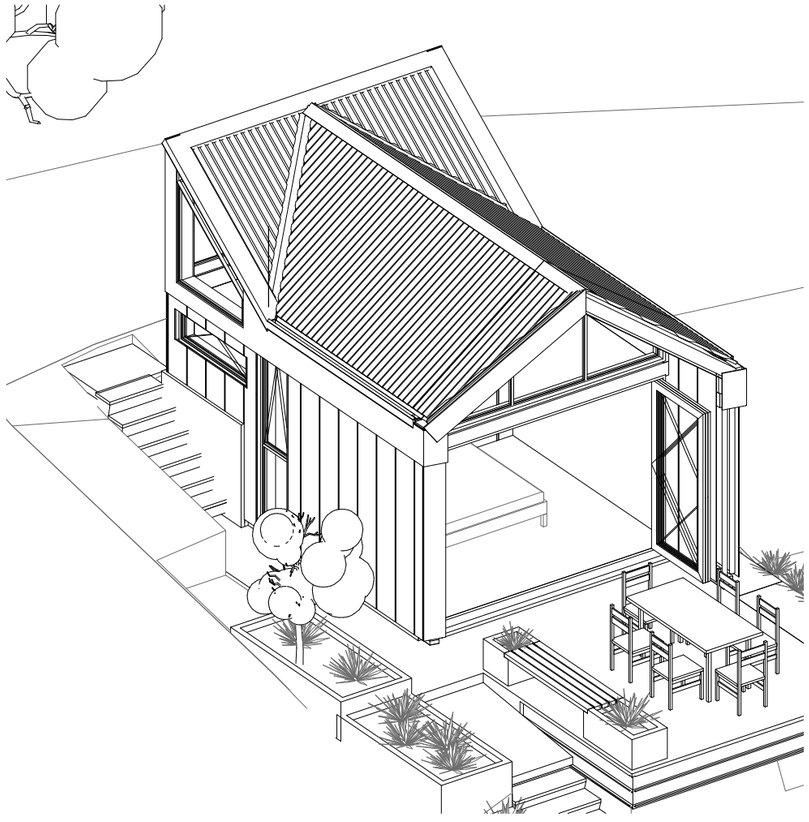
Responsibilities

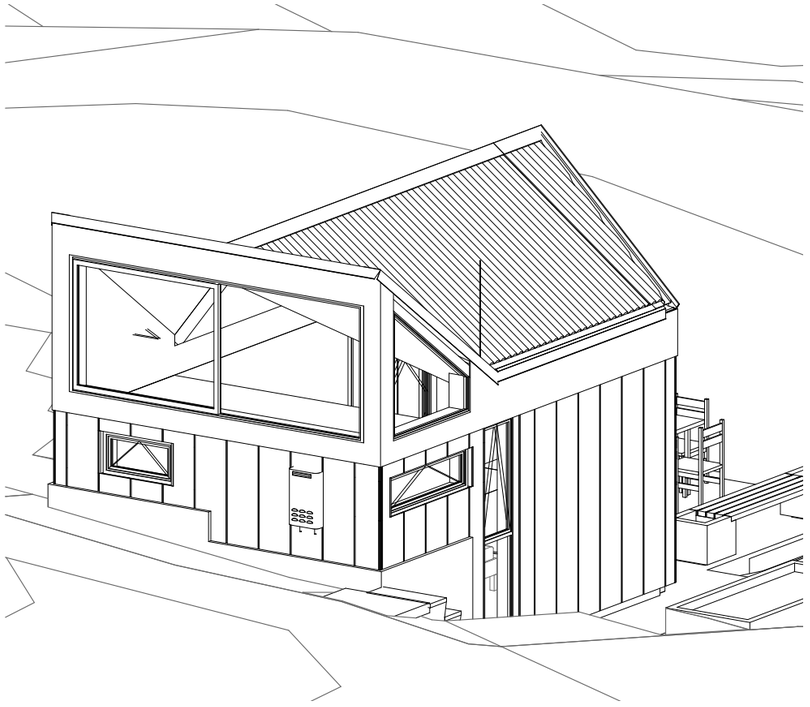
- Assessment of client brief.
- Site analysis, measure & liaise with surveyor.
- Concept design in conjunction with client & colleagues.
- Collaboration with structural engineers.
- Resource consent documentation, including drawing set and AEE.
- Building Consent documentation, including drawing set and Project Specification.

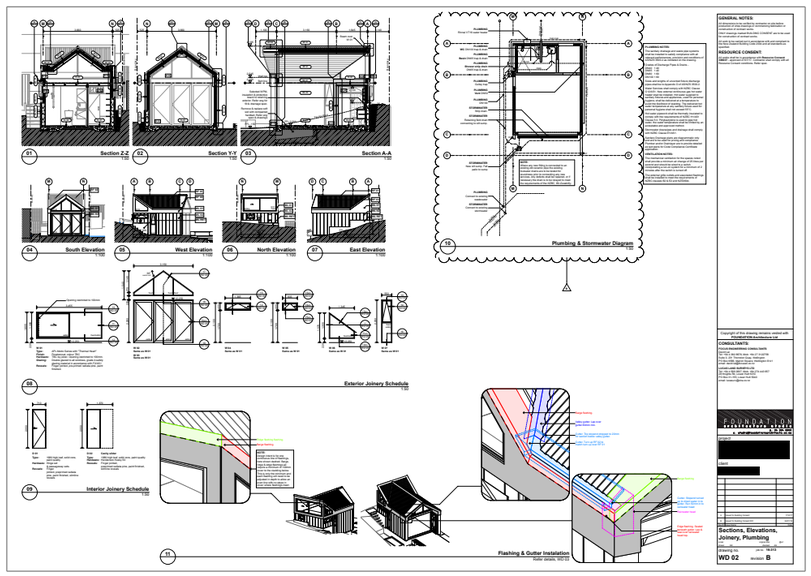
Project Status

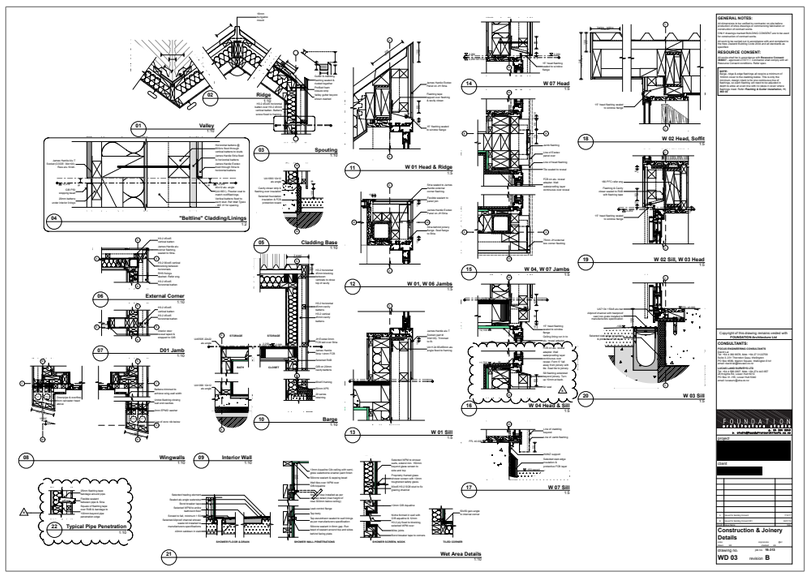
Consented, unbuilt.

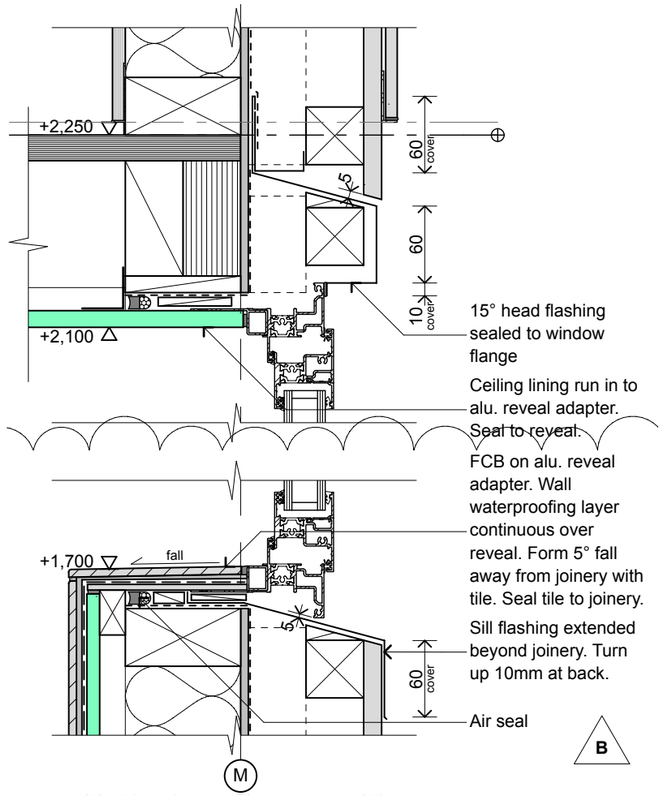












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Three Bedroom House in SIP - 2019

Project Scope

To provide the design for an economical three bedroom family home.

Provide documentation for both Resource Consent and Building Consent

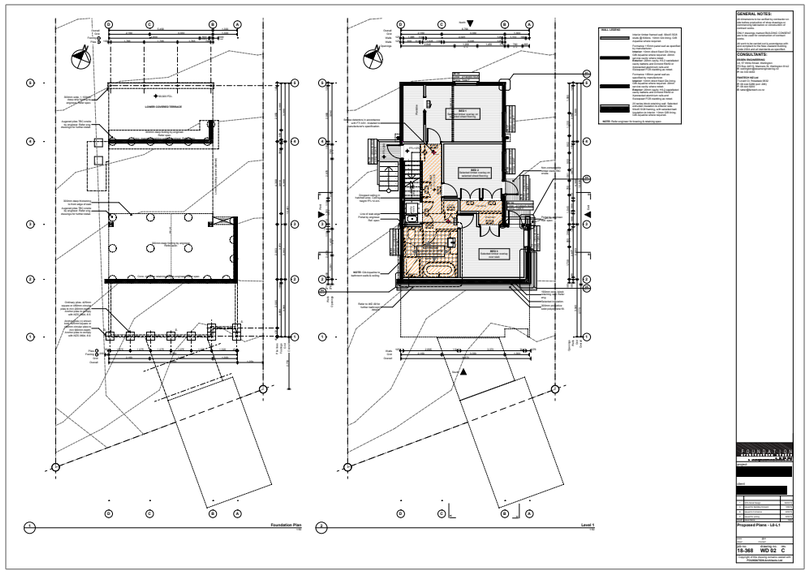
Provide a design that was extra warm and well ventilated.

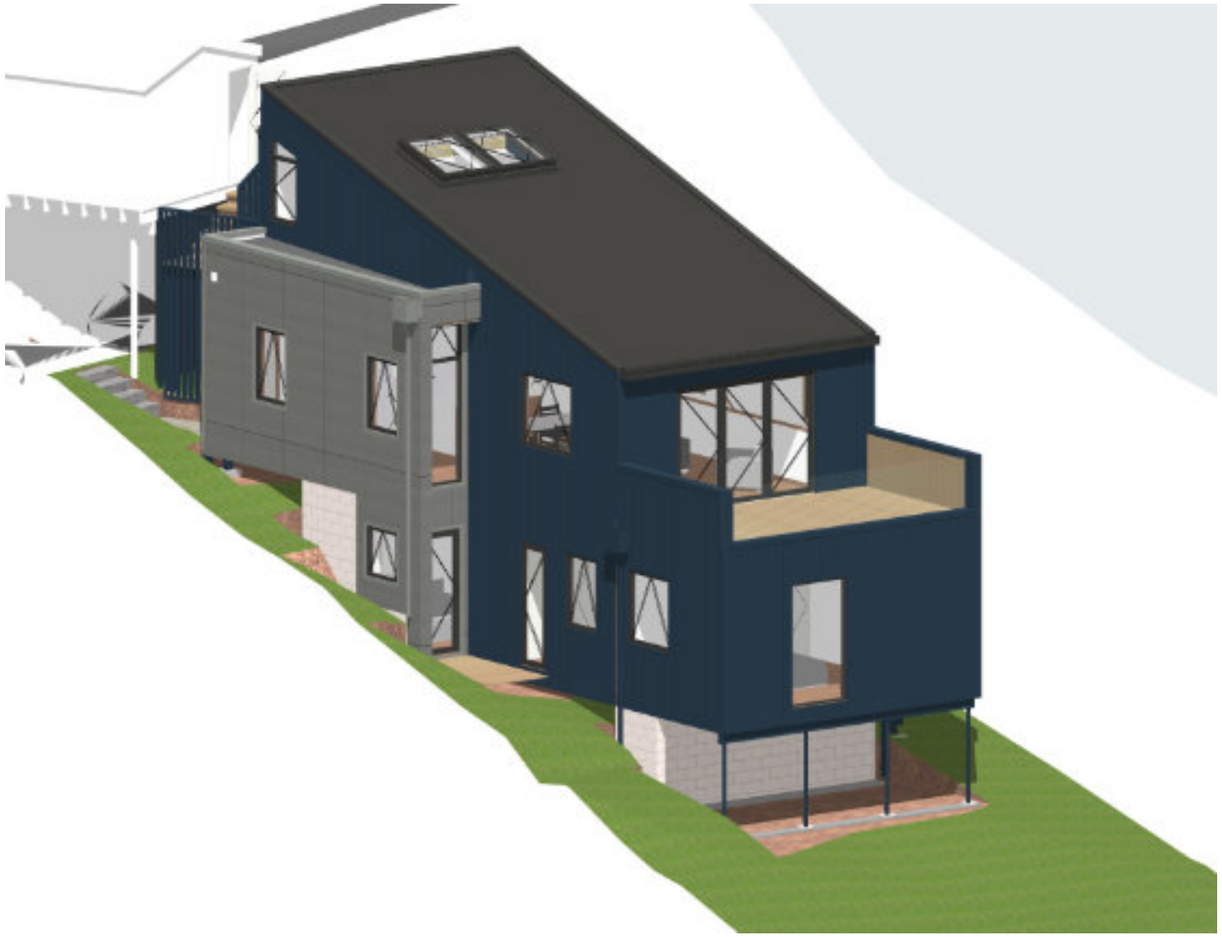
Responsibilities

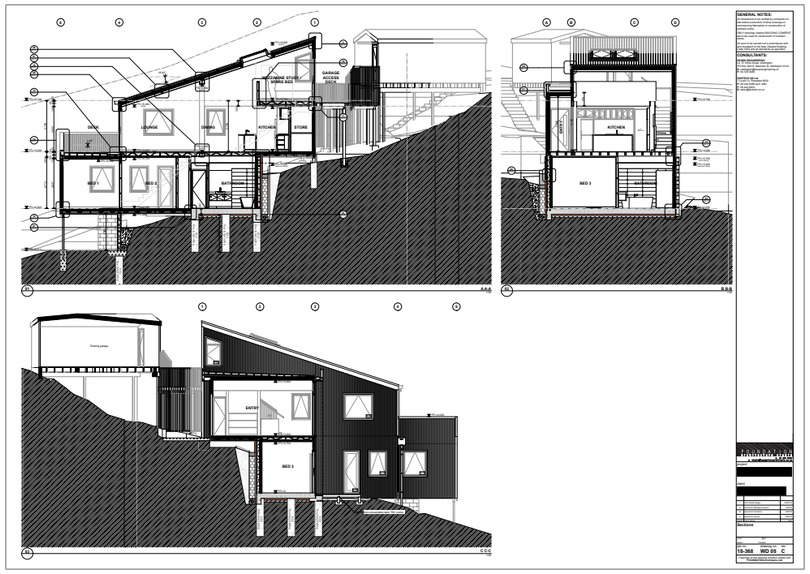
- Assessment of possibilities of the site and documentation of this for Resource Consent.
- To provide concept designs to the clients.
- Documentation for Resource Consent including Drawings and AEE.
- Collaboration with consultants including structural engineers, HVAC providers and SIP manufacturers.
- Building Consent documentation including drawing set and Specification.
- Site management including site meetings and contract instructions.

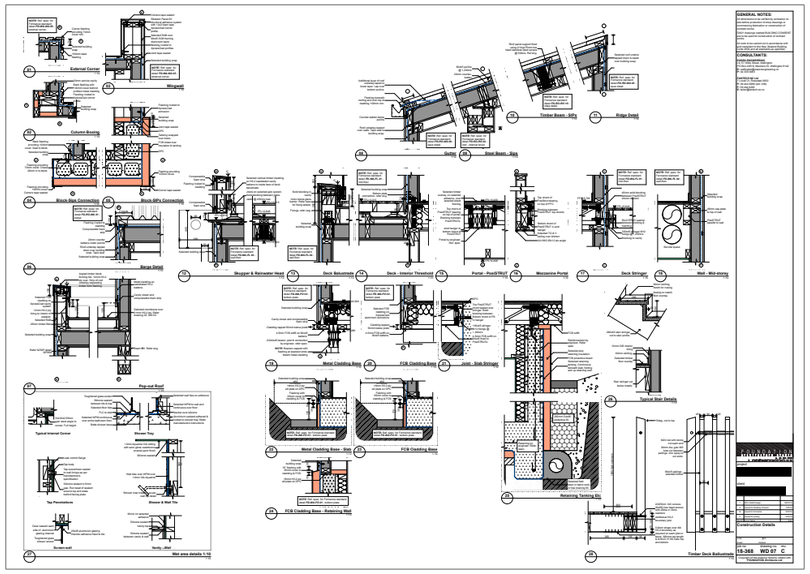
Project Status

Build completed 2020.









14 Unit Development - 2021

Project Scope

14 2 & 3 bedroom units on a large sloping site.

Providing direction for the developers.

Collaboration with planners, structural engineers, traffic engineer, landscape designers and council.

Responsibilities

- Providing feedback on various sites for the developers before the final site was settled on.
- Collaborated in-studio on ideal site layout.
- Provided concept design for clients.
- Worked with client feedback to take design to Resource Consent stage.
- Ensured compliance with District Plan in conjunction with consultants.
- Completed Resource Consent drawing set.

Project Status

Completed 2022.



01 Upper Floor Plans 1:200

GENERAL NOTES:
All dimensions to be verified by contractor on site before production of shop drawings or commencing fabrication or construction of contract works.
ONLY drawings marked BUILDING CONSENT are to be used for construction of contract works.
All work to be carried out in accordance with and compliant to the New Zealand Building Code 2004 and all standards as specified.

FOUNDATION architecture studio

CONSULTANTS:
ESSEN ENGINEERING
PO Box 24519 Manners St, Wellington 6142
T 04 333 0063
E m.somerville@essenengineering.nz

URBAN EDGE PLANNING LTD
PO Box 30071, Wellington Mail Centre, Lower Hutt 5045
T 022 494 1288
E admin@urbanedgeplanning.co.nz

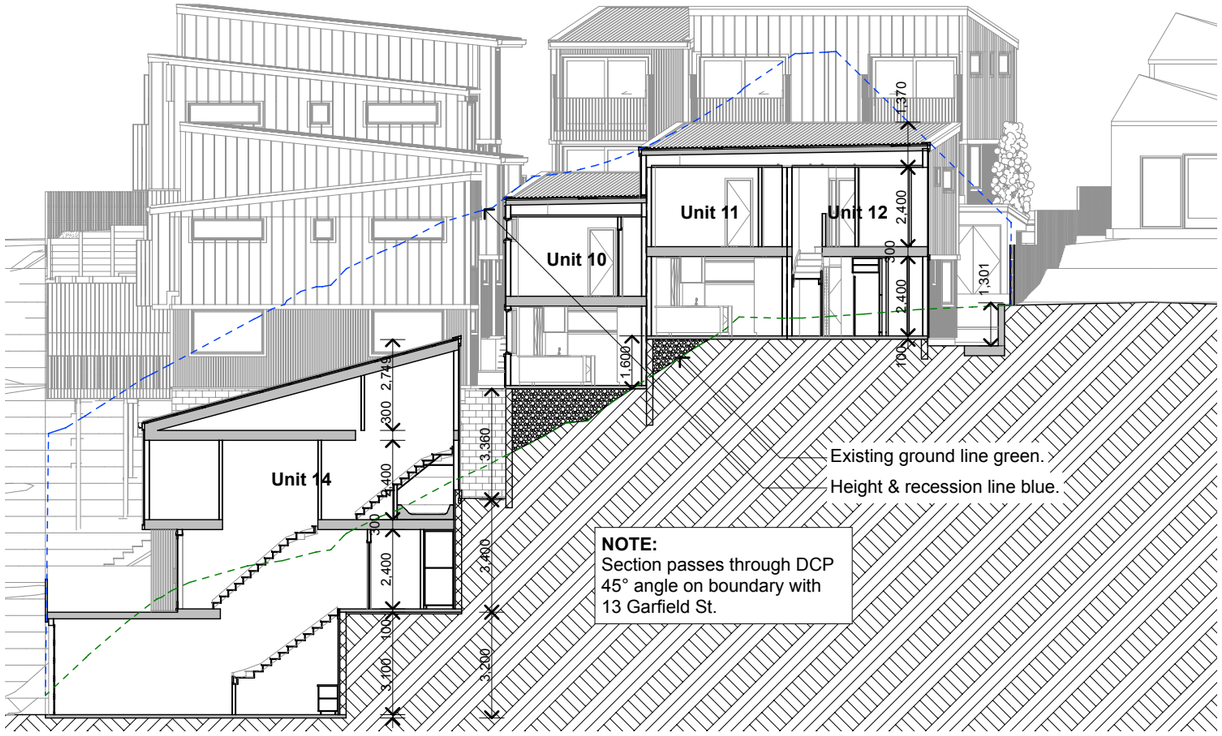
Copyright of this drawing remains vested with FOUNDATION Architects Ltd

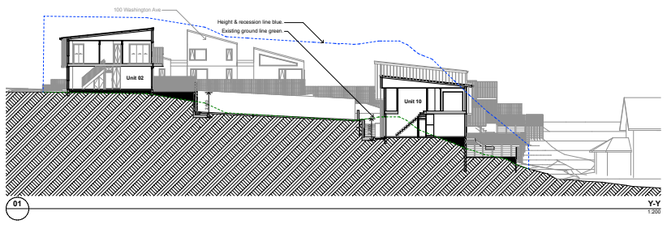
A	Issued for Resource Consent	17/03/21
B	Issued for Resource Consent	29/03/21
C	Issued for Resource Consent	14/04/21
D	Issued for Resource Consent	21/04/21
Mark	Transmittal Set Name	Date

project [redacted]
client [redacted]

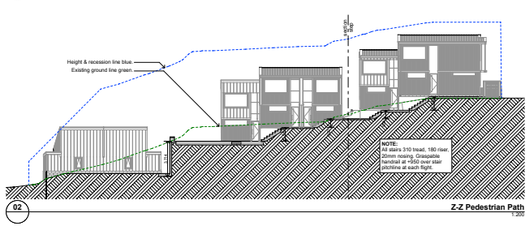
Site 1:200 - Upper Floors

scale: @A3 drawn: checked:
job no. 21-492 drawing no. RC 04 rev. D





01 Y-Y 1:200



02 Z-Z Pedestrian Path 1:200

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E m.somerville@essenengineering.nz

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D	Issued for Resource Consent	21/04/21
Mark	Transmittal Set Name	Date

project [redacted]
client [redacted]

Site Sections

scale: @A3 drawn: checked:
job no. 21-492 drawing no. RC 06 rev. D



01 East Elevation - Washington Ave 1:200

NOTE:
Refer RC 17 for exterior finishes of units.



02 North Elevation - Garfield St 1:200

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C	Issued for Resource Consent	14/04/21
D	Issued for Resource Consent	21/04/21
Mark	Transmittal Set Name	Date

project [redacted]
client [redacted]

Elevations

scale: @A3 drawn: checked:
job no. 21-492 drawing no. RC 07 rev. D





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Egmont Street Restaurant & Bar - 2014

Project Scope

Converting a parking garage into a restaurant & bar.

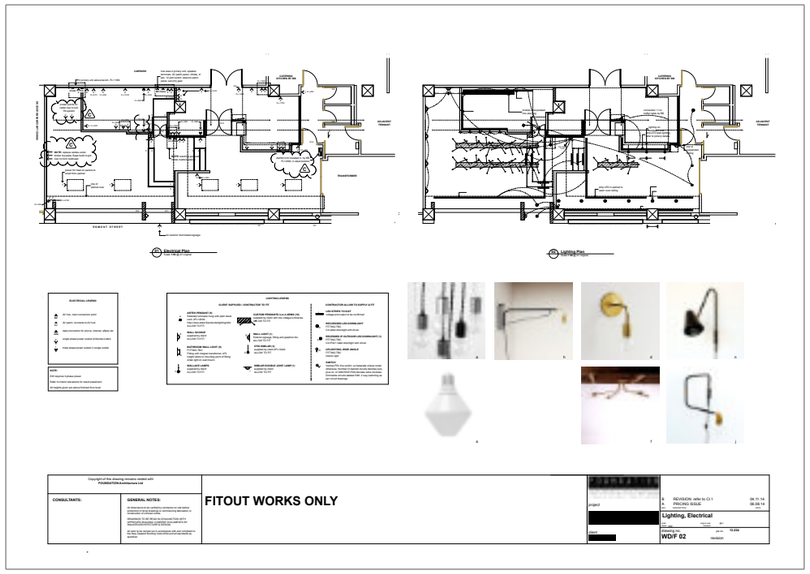
Work with the client and building owner to complete a design that worked for everyone.

Responsibilities

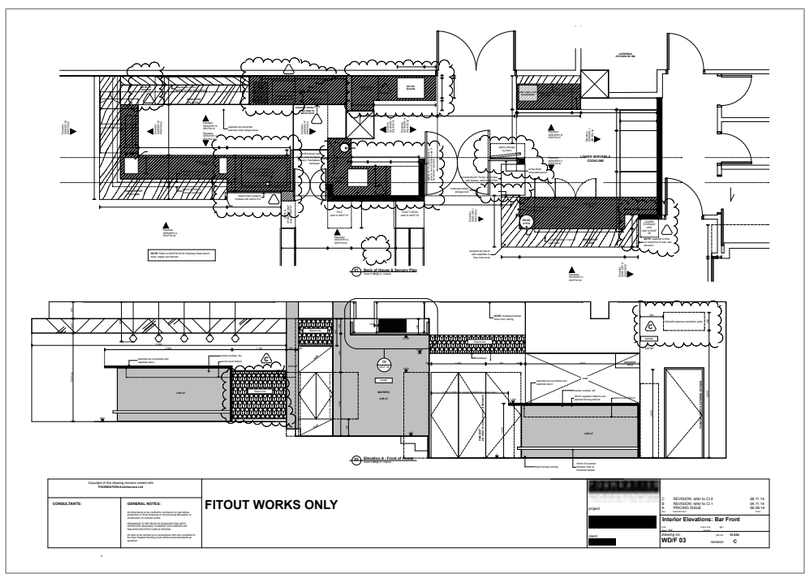
- Pre-design site visits, client brief assessment.
- Part of the team that provided design concepts to the client.
- Drawing and detail design for fit out of joinery, kitchen and building consent.

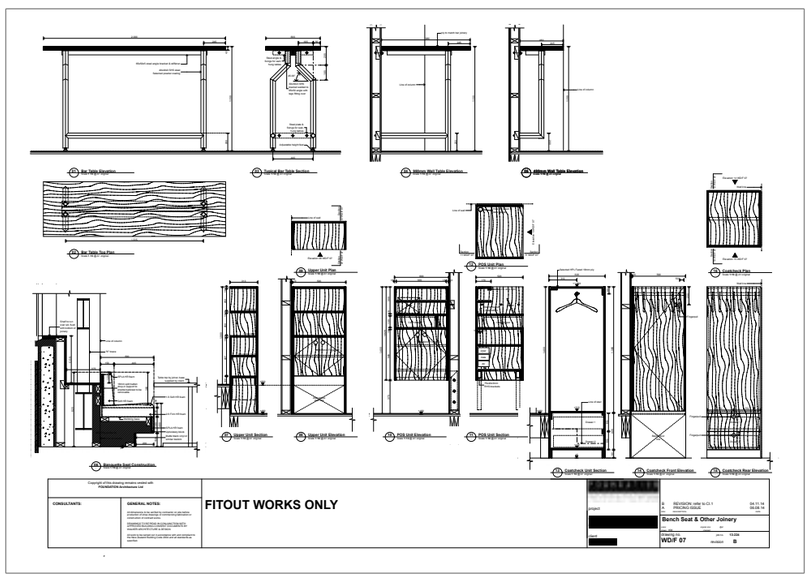
Project Status

Build completed 2015.











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Apartment Building in CLT - 2013

Project Scope

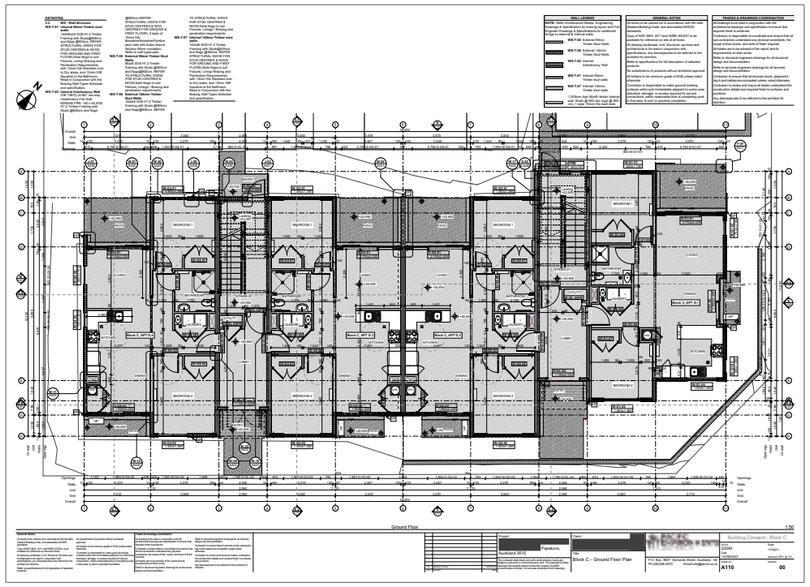
Three storey apartment building, as part of a larger development, using CLT floor plates & stairs.

Responsibilities

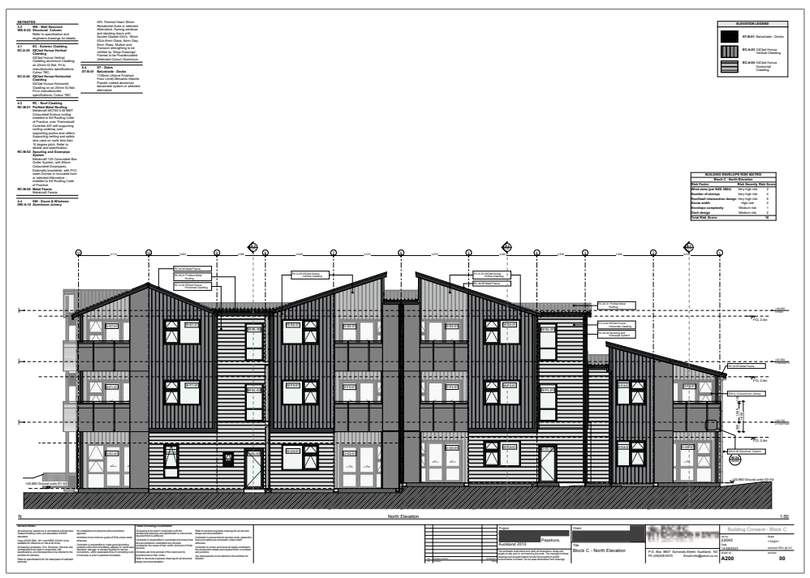
- Collaboration with consultants including structural, fire, services & acoustic engineers.
- Provide feedback and updates to clients.
- Provide feedback and updates to project architect.
- Work with project team to provide clear concise document set.
- Building Consent documentation including drawing set and Specification.

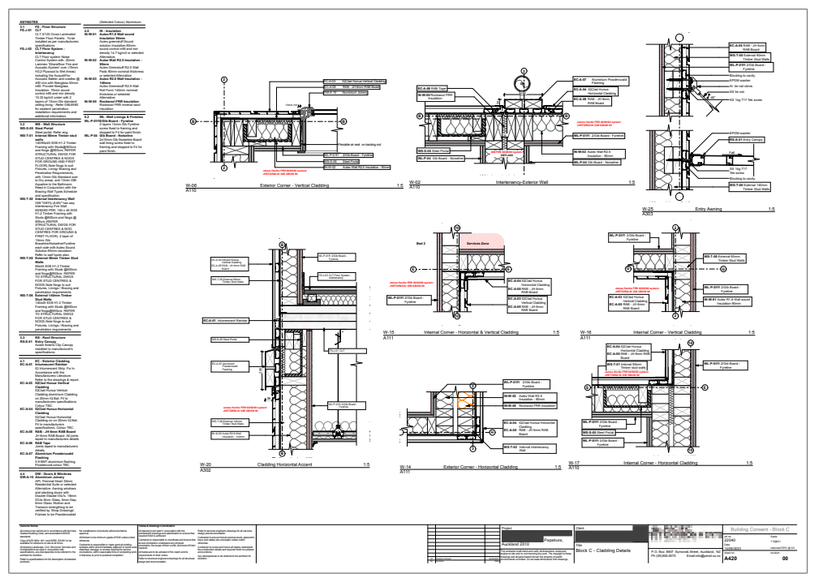
Project Status

Build completed









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Apartment Building - 2022

Project Scope

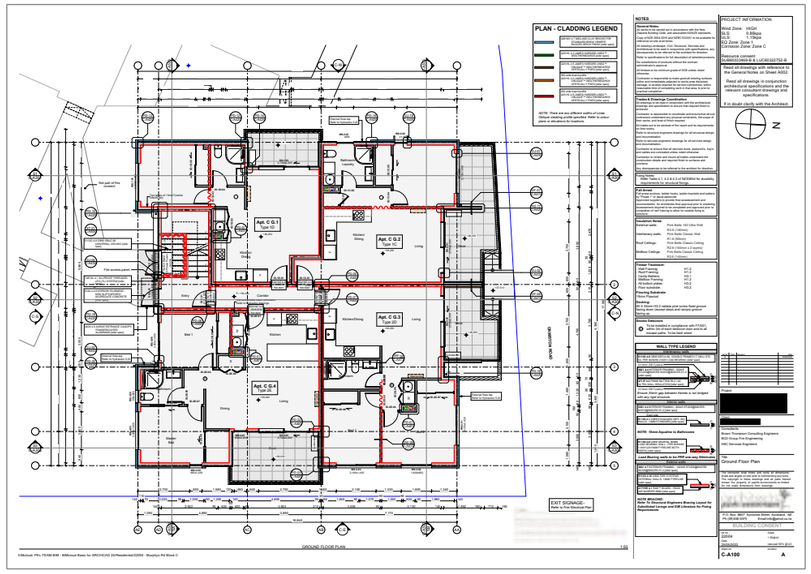
Three storey apartment building as a part of a larger development.

Responsibilities

- Collaboration with consultants including structural, fire, services & acoustic engineers.
- Provide feedback and updates to clients.
- Provide feedback and updates to project architect.
- Work with project team to provide clear concise document set.
- Building Consent documentation including drawing set and Specification.

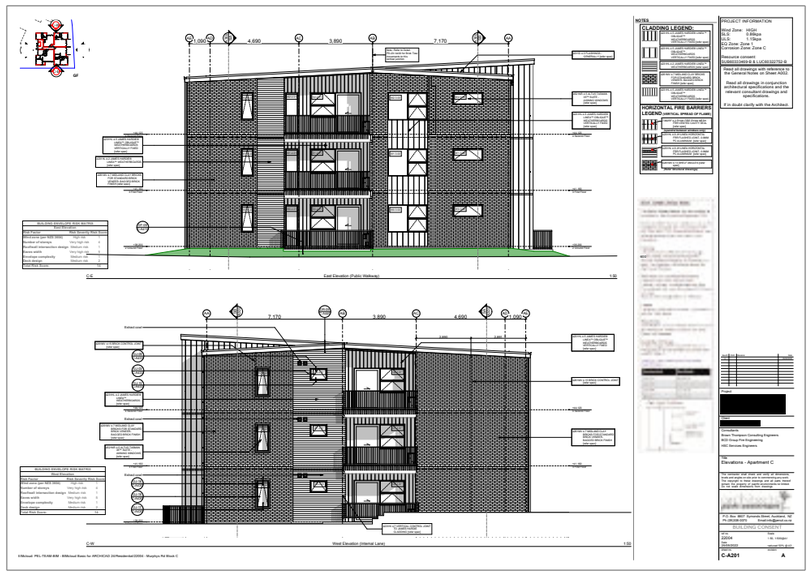
Project Status

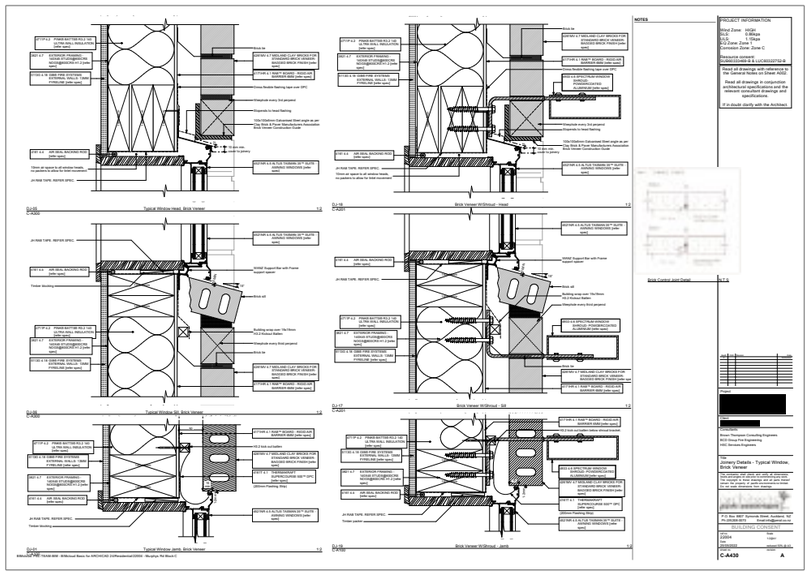
Build completed











High End Residential - 2023

Project Scope

Large single family home on a large rural section.

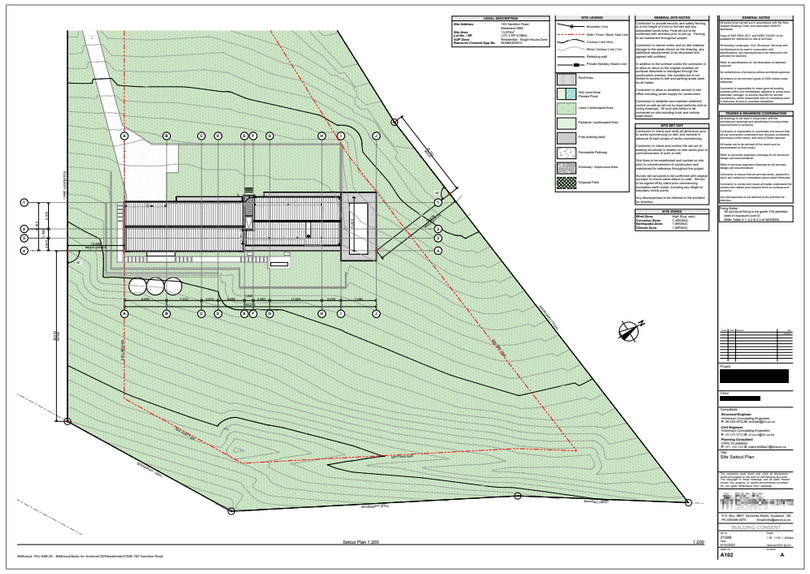
Responsibilities

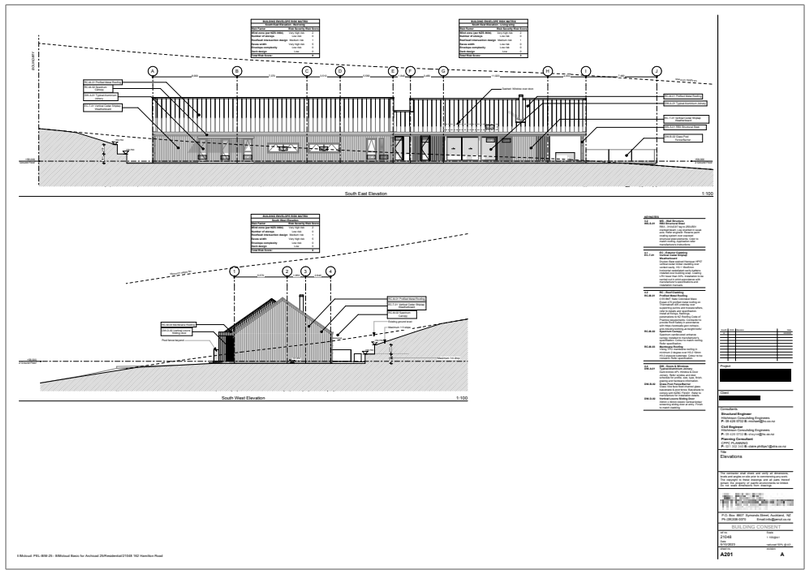
- Collaboration with consultants including structural, geotechnical and civil.
- Provide feedback and updates to clients.
- Provide feedback and updates to project architect.
- Work with project team to provide clear concise document set.
- Building Consent documentation including drawing set and Project Specification.

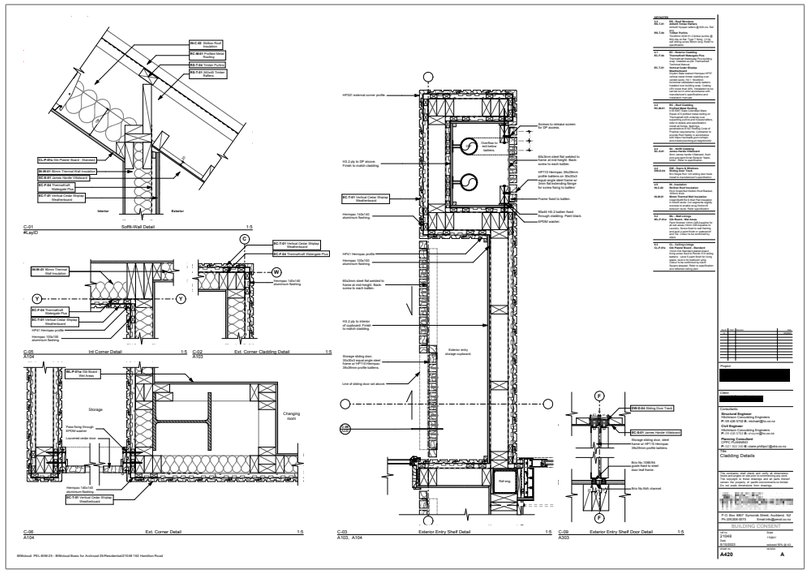
Project Status

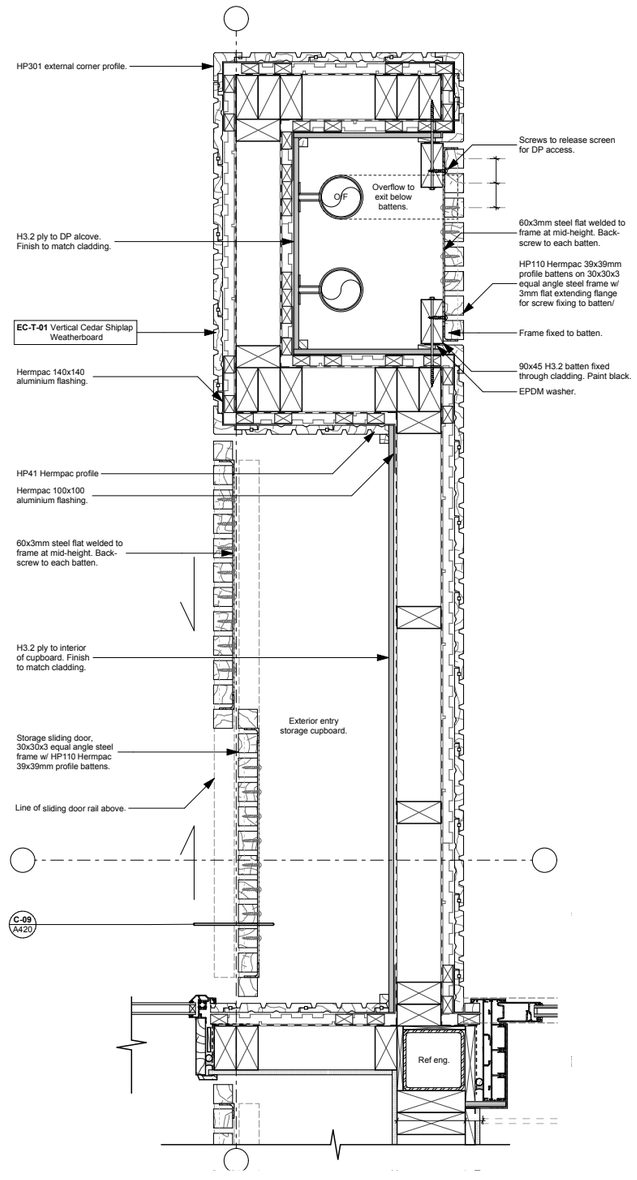
Build completed











High End Residential 2026

Project Scope

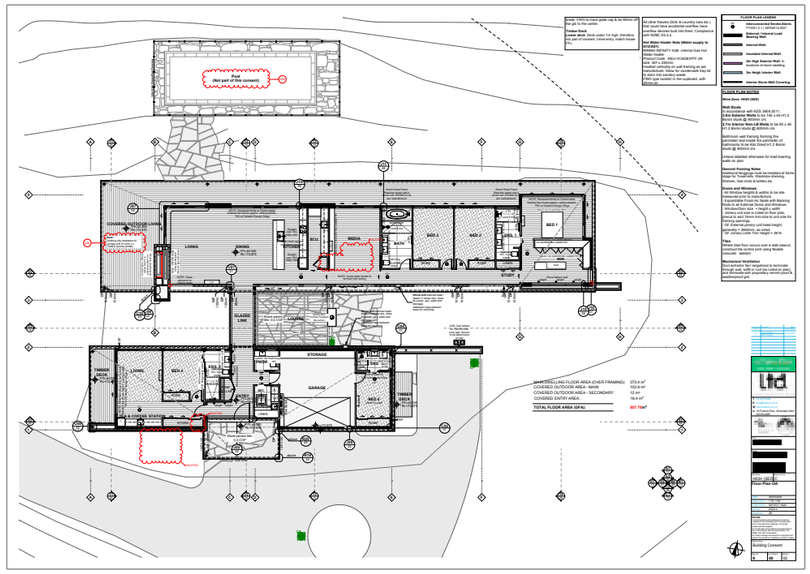
Large single family home on a large rural section.

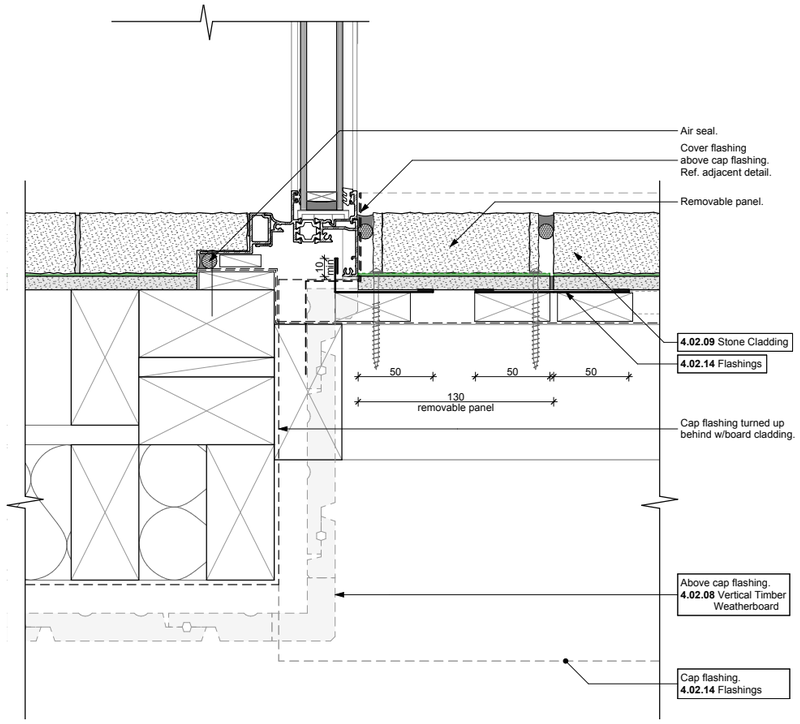
Responsibilities

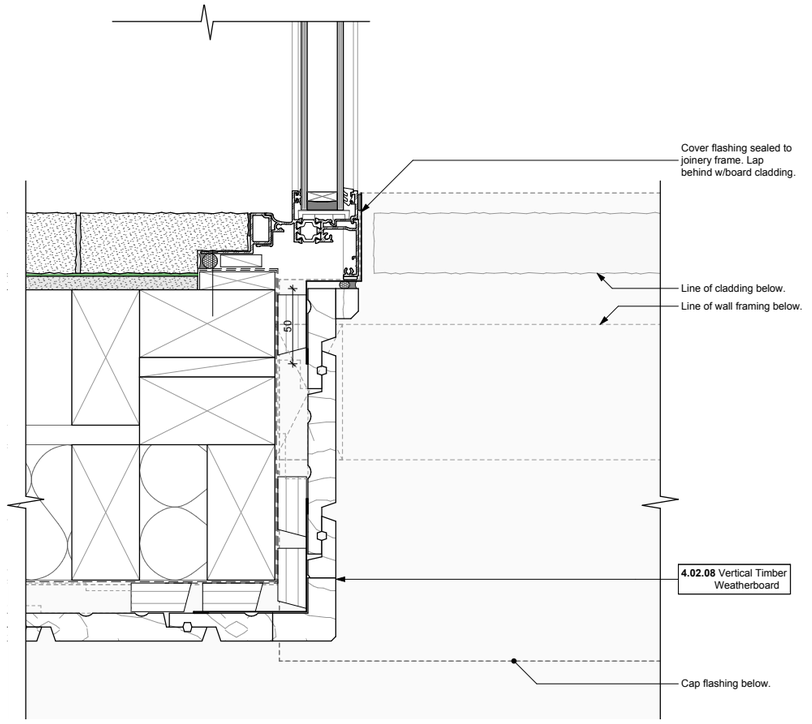
- Collaboration with consultants including structural, geotechnical and civil.
- Liase with material & system suppliers to create unique details.
- Provide feedback and updates to clients.
- Work with project team to provide clear concise document set.
- Building Consent documentation including drawing set and Project Specification.

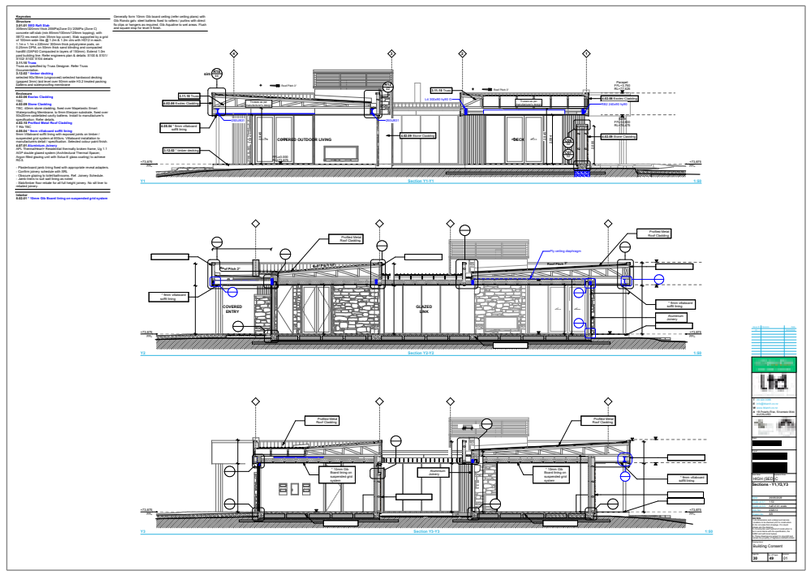
Project Status

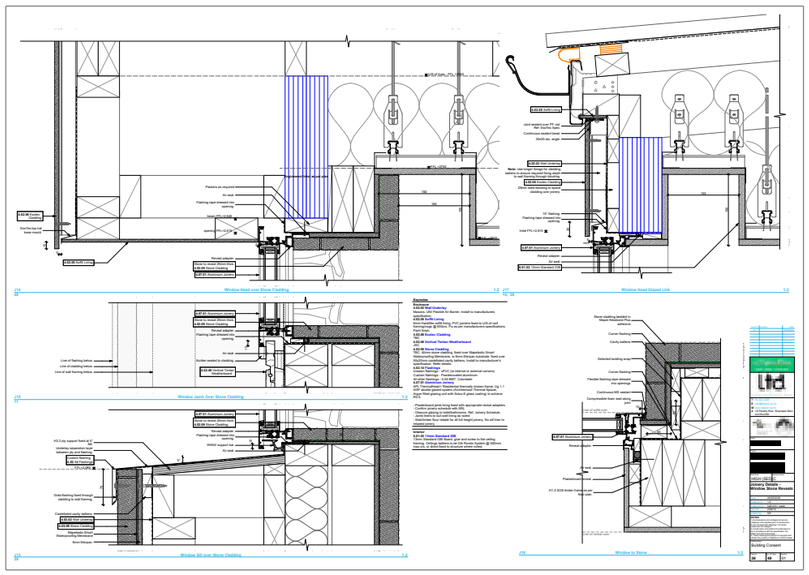
Build due for completion late 2026 to early 2027.













17 Oct 2026

Small Residential - 2024

Project Scope

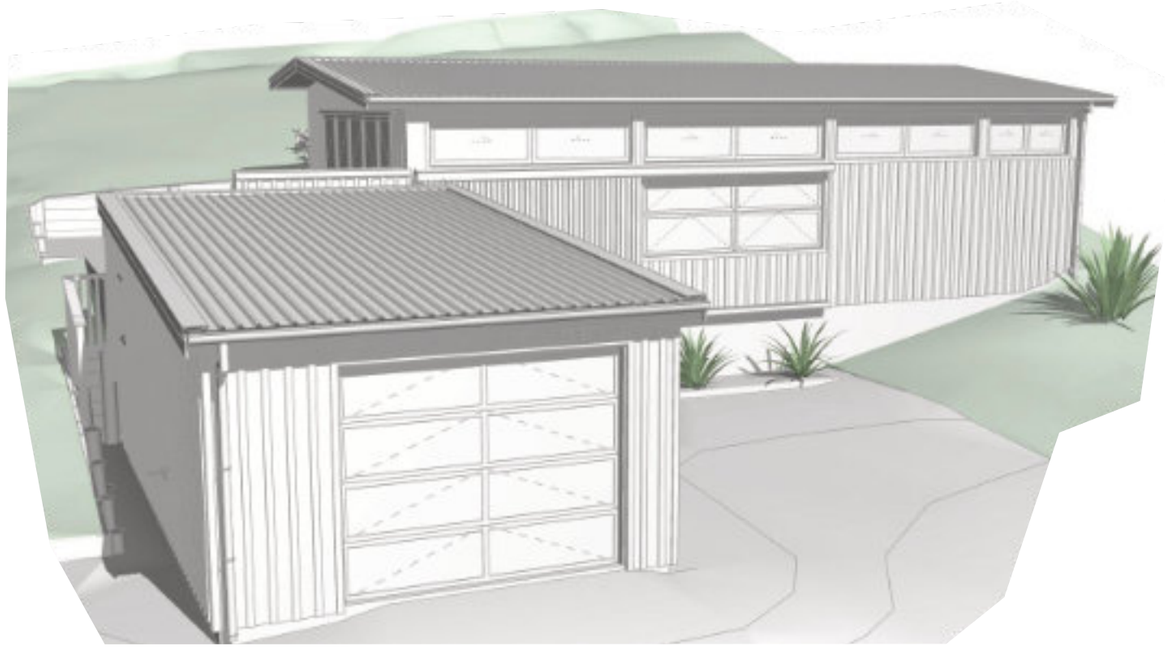
Small retirement home home with flexible space to accomodate the grandkids.

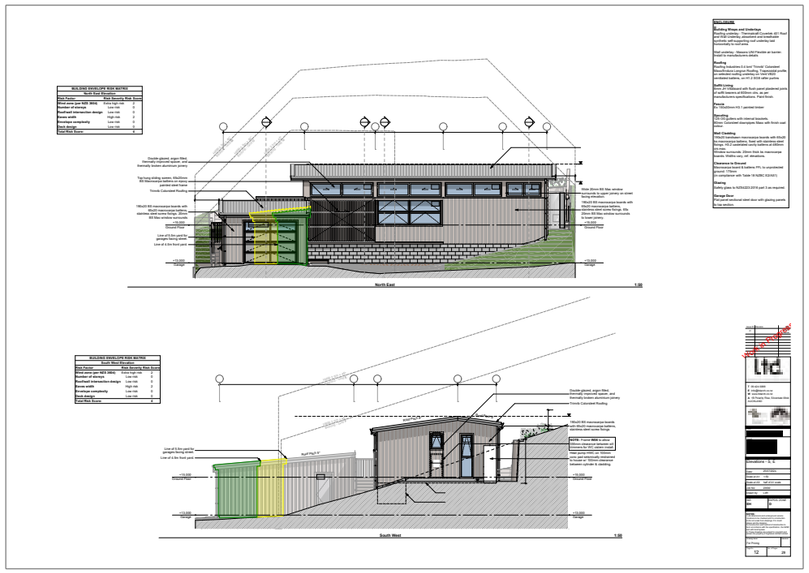
Responsibilities

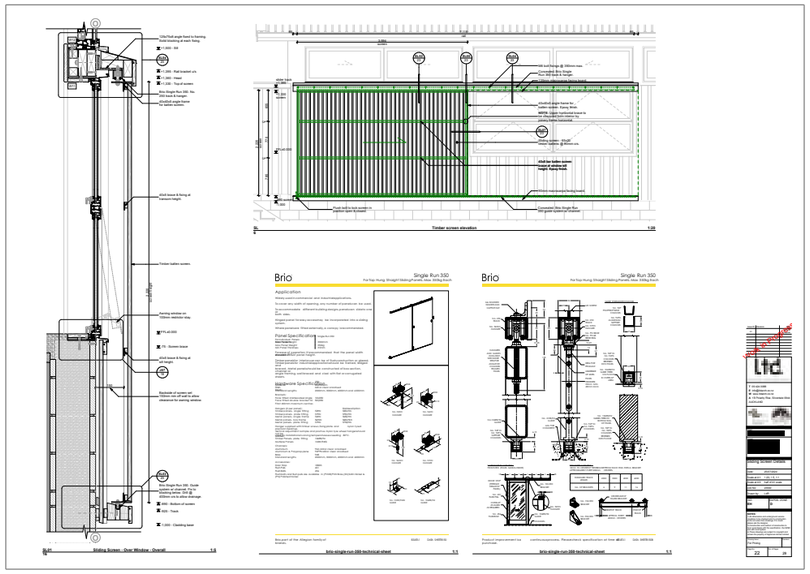
- Collaboration with consultants including structural, geotechnical and civil.
- Liase with material & system suppliers to create unique details.
- Provide feedback and updates to clients.
- Provide feedback and updates to project architect.
- Work solo to provide clear concise document set.
- Building Consent documentation including drawing set and Project Specification.

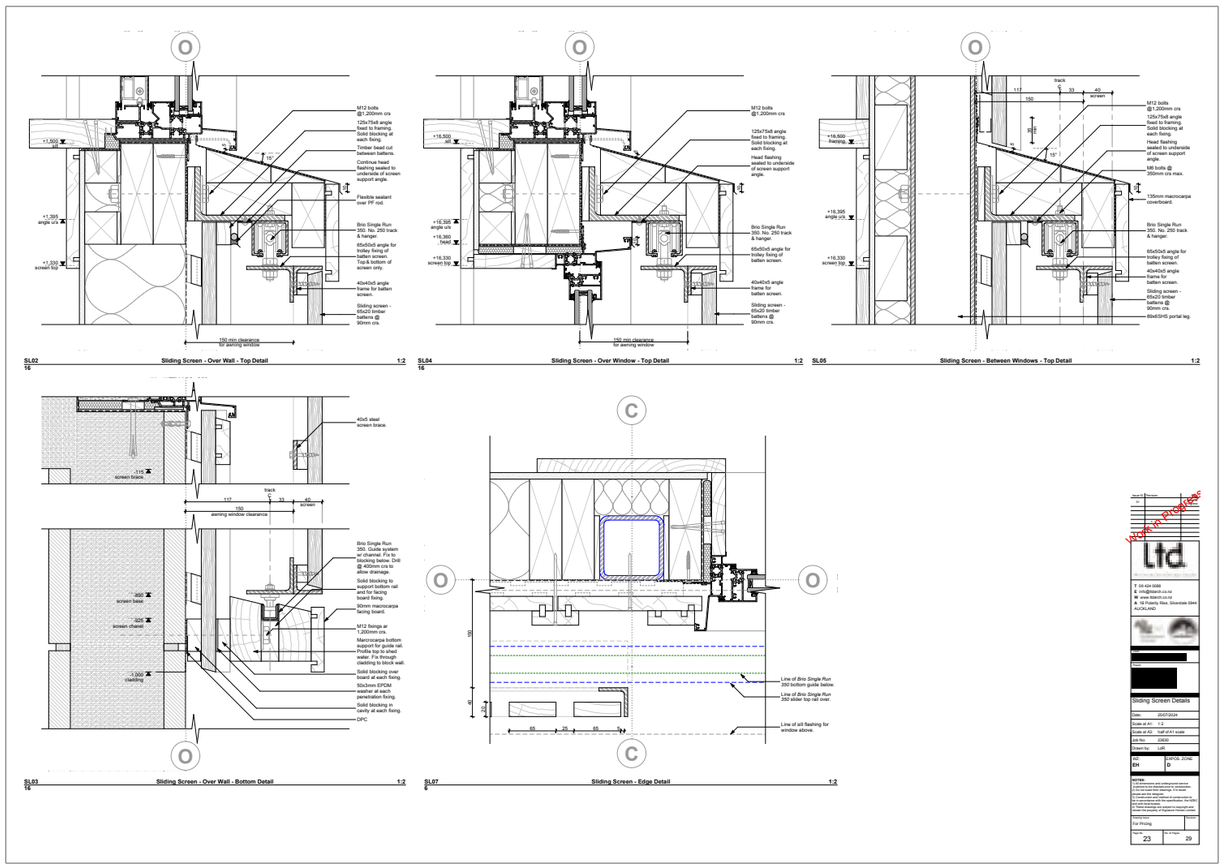
Project Status

In progress.









Block 1 of 4 in 24 Unit Development - 2025

Project Scope

Two storey townhouse building as a part of a larger development.

Responsibilities

- Collaboration with consultants including structural, fire & services engineers.
- Provide feedback and updates to clients.
- Liase with material & system suppliers to create unique details.
- Work solo on entire development to provide clear concise document set.
- Update Resource Consent documentation
- Building Consent documentation including drawing set and Specification.
- Provide advice and updates to specifiers, detailers and construction crew on site.

Project Status

On site 2026. Development due for completion in 2027.

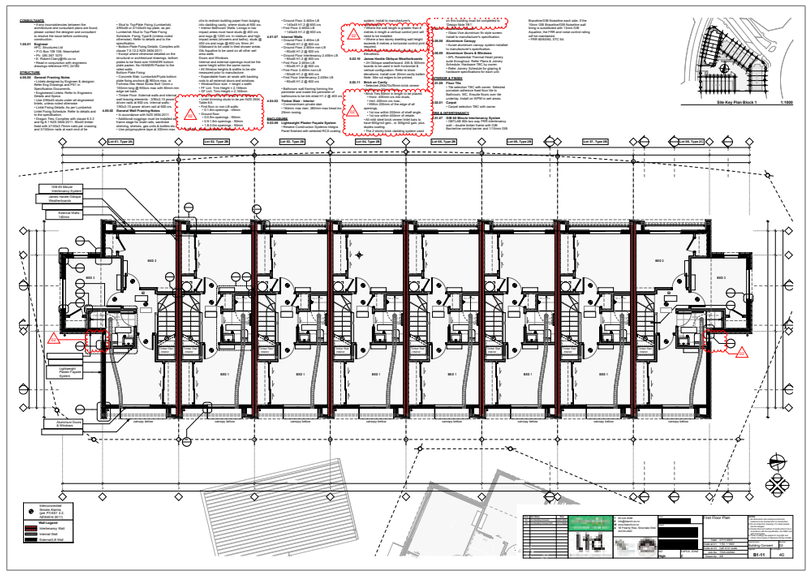


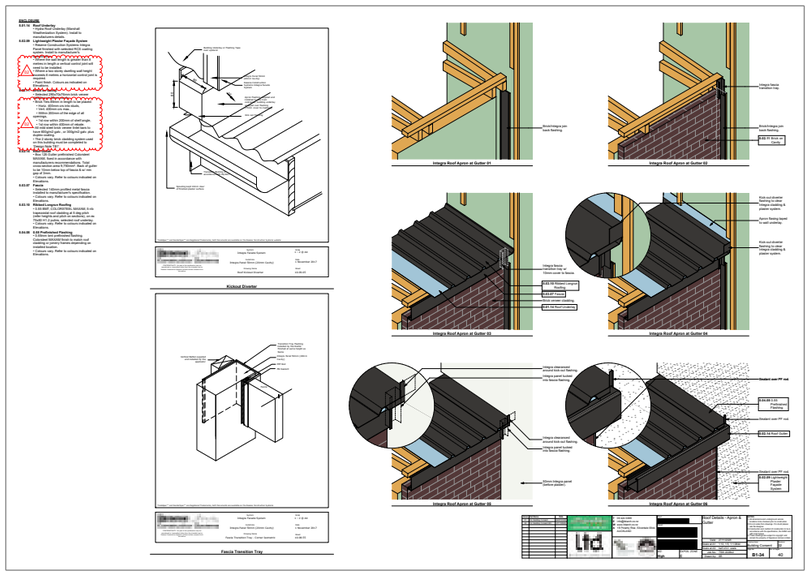

Facade Perspective


End Perspective


End Perspective







17 Oct 2026

Sam Roberts Architectural Designer & CAD Technician
Licensed Building Practitioner - Design 2 (#BP136048)
P. 021 326 207 **E.** sam@samrobots.com

Block 2 of 4 in 24 Unit Development - 2025

Project Scope

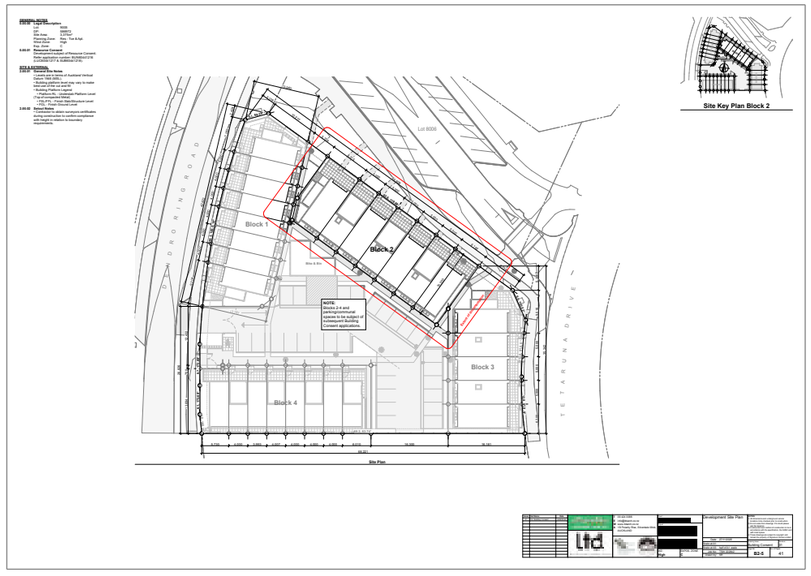
Two storey townhouse building as a part of a larger development.

Responsibilities

- Building Consent documentation for all 4 blocks, plus the site & ancillary structures.
- Collaboration with consultants including structural, fire & services engineers.
- Provide feedback and updates to clients.
- Liase with material & system suppliers to create unique details.
- Work solo on entire development to provide clear concise document set.
- Update Resource Consent documentation
- Building Consent documentation including drawing set and Specification.
- Provide advice and updates to specifiers, detailers and construction crew on site.

Project Status

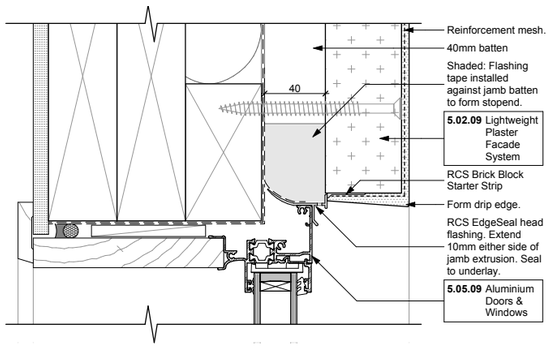
On site 2026. Development due for completion in 2027.



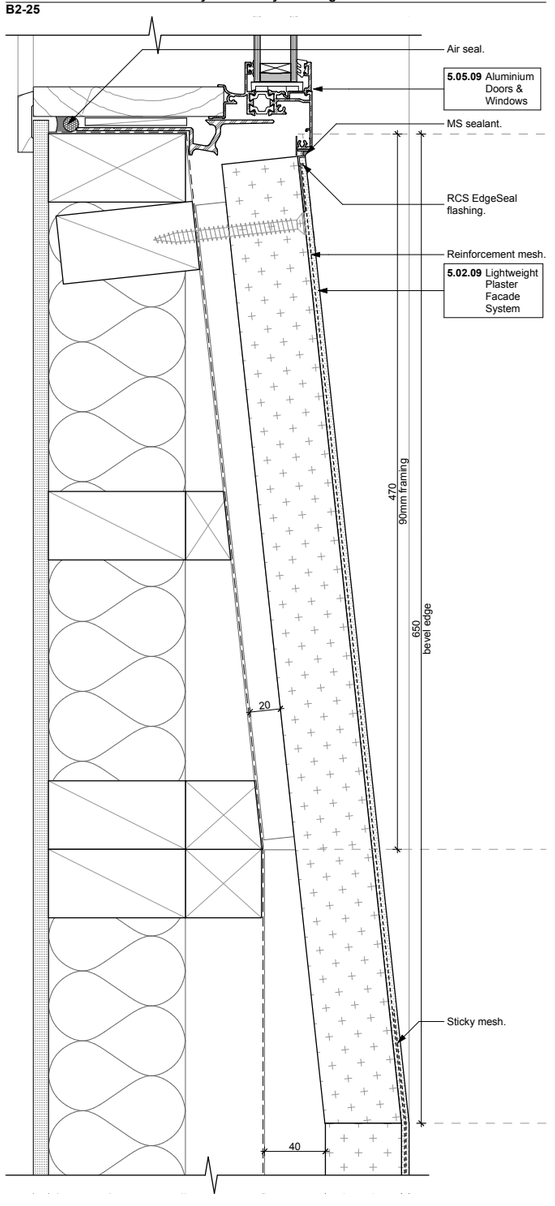

Rear Perspective

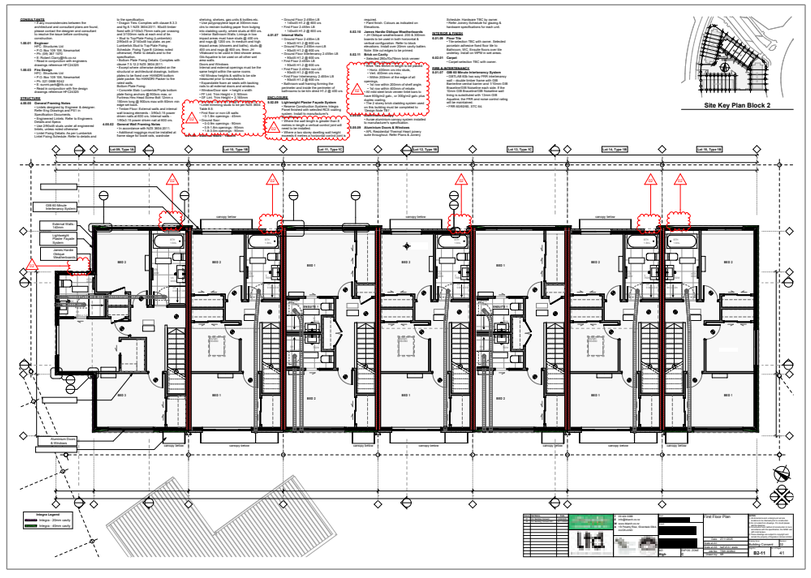

North Perspective

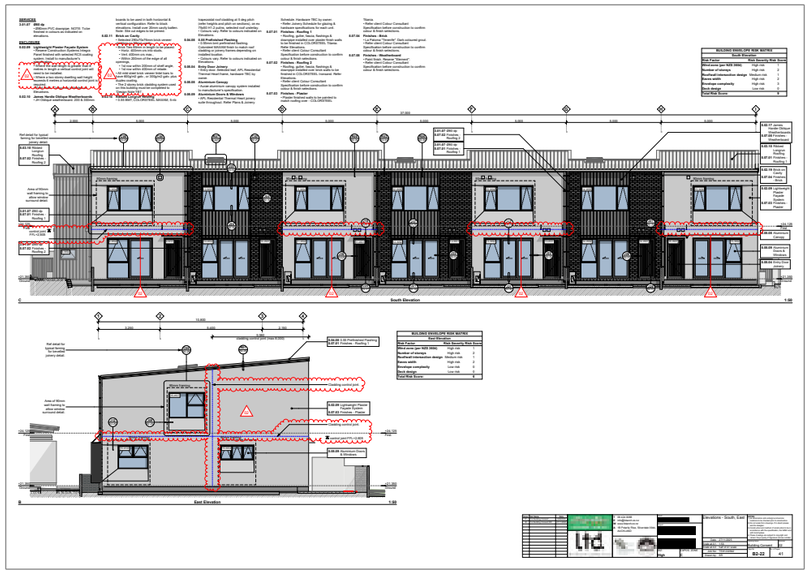

East Perspective



J07 Joinery - Plaster System Angled Head 1:2
B2-25







Sam Roberts Architectural Designer & CAD Technician
Licensed Building Practitioner - Design 2 (#BP136048)
P. 021 326 207 **E.** sam@samrobots.com

Ancillary Building for 24 Unit Development - 2026

Project Scope

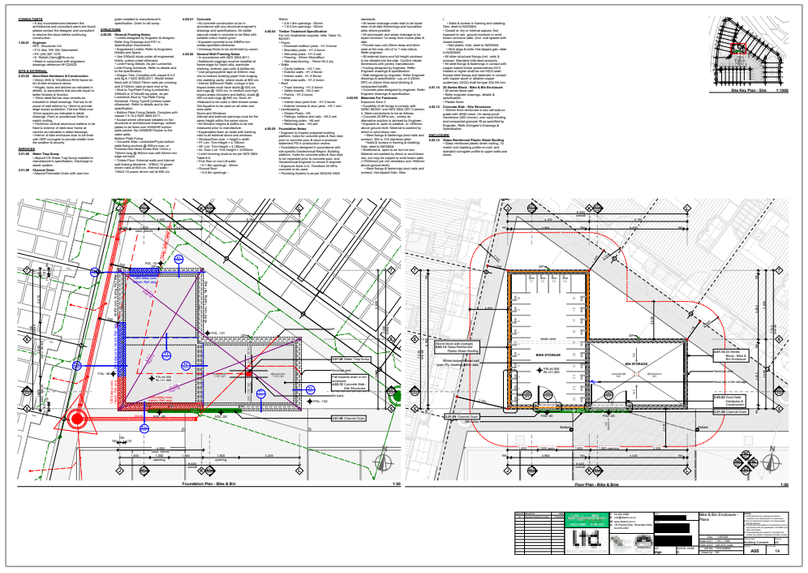
Small building for bike storage and rubbish collection in larger development.

Responsibilities

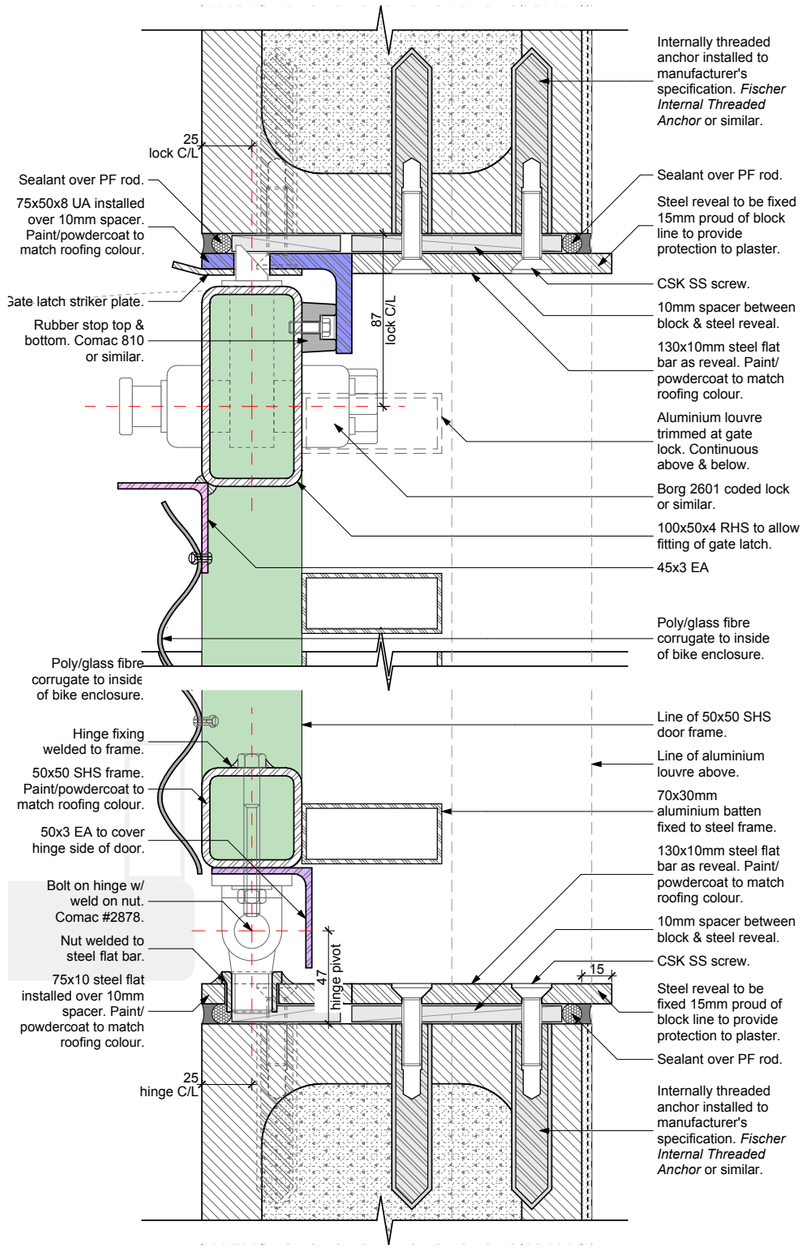
- Collaboration with consultants including structural, fire & services engineers.
- Provide feedback and updates to clients.
- Work solo on entire development to provide clear concise document set.
- Update Resource Consent documentation
- Building Consent documentation including drawing set and Specification.
- Provide advice and updates to specifiers, detailers and construction crew on site.

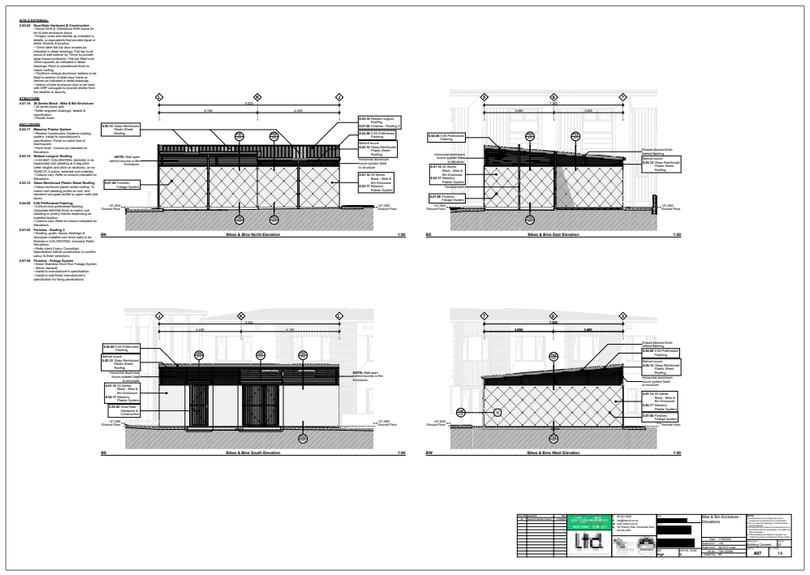
Project Status

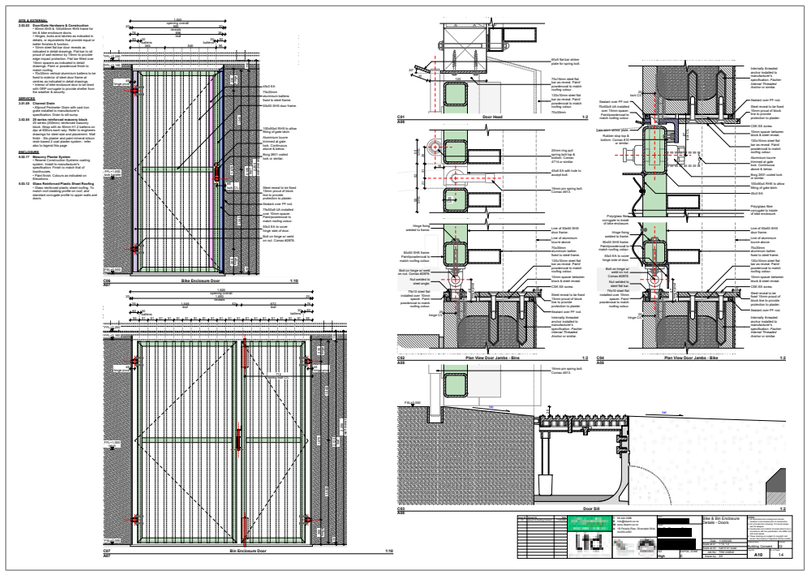
On site 2026. Development due for completion in 2027.











Sam Roberts Architectural Designer & CAD Technician
Licensed Building Practitioner - Design 2 (#BP136048)
P. 021 326 207 **E.** sam@samrobots.com

Large Residential - 2026

Project Scope

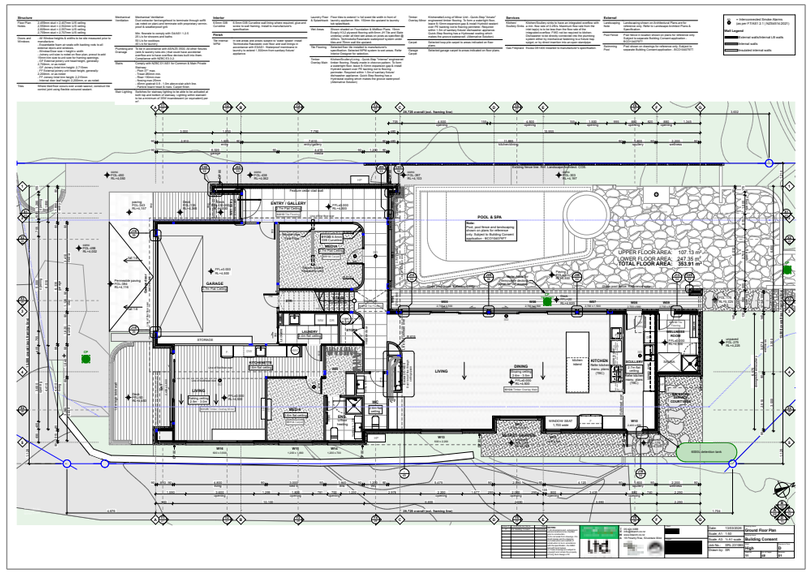
Large single family home on a snug rear section.

Responsibilities

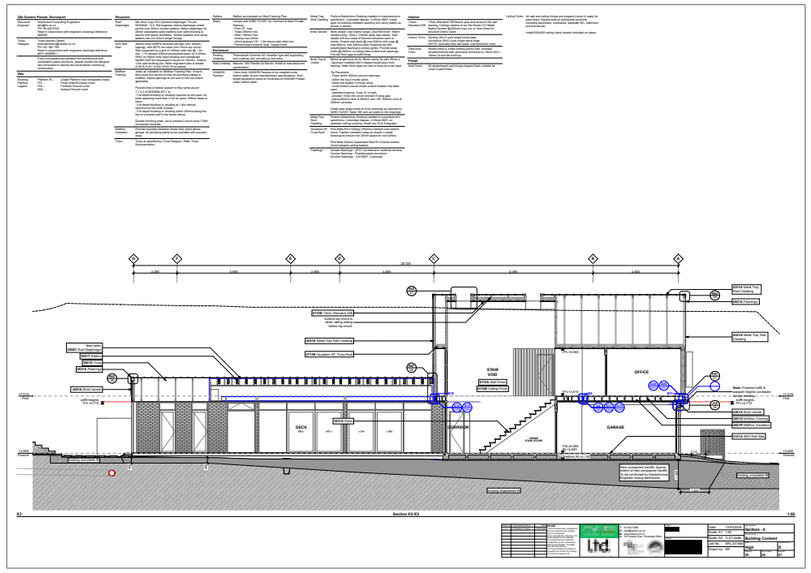
- Collaboration with consultants including structural, geotechnical and civil on a complex site with a complex structure.
- Liase with material & system suppliers to create unique details.
- Provide feedback and updates to clients.
- Work solo to provide clear concise document set.
- Update Resource Consent documentation.
- Building Consent documentation including drawing set and Project Specification.
- Provide advice and updates to specifiers, detailers and construction crew on site.

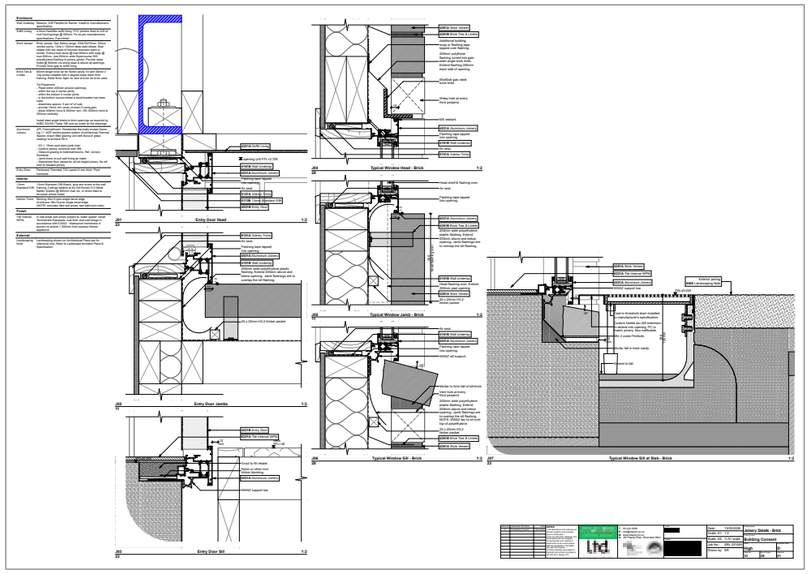
Project Status

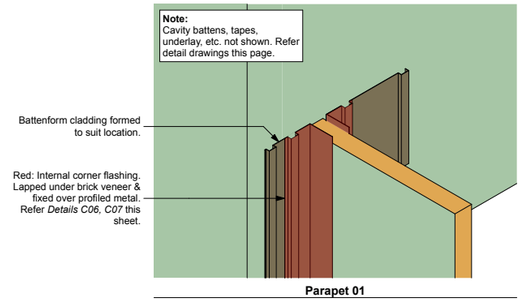
Build due for completion late 2026.



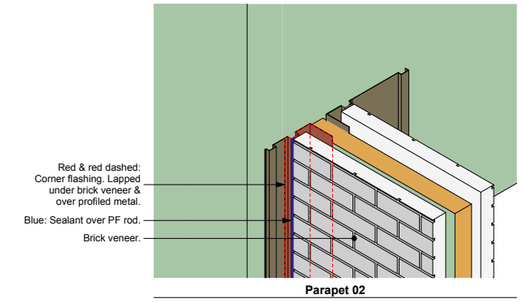




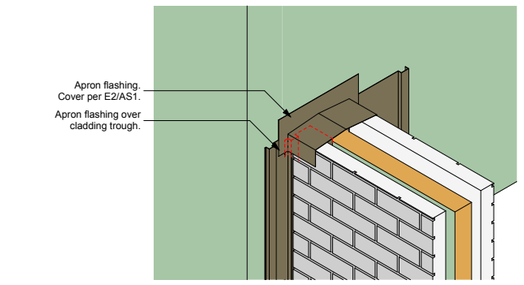




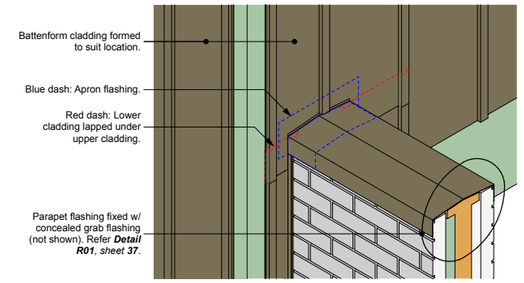
Parapet 01



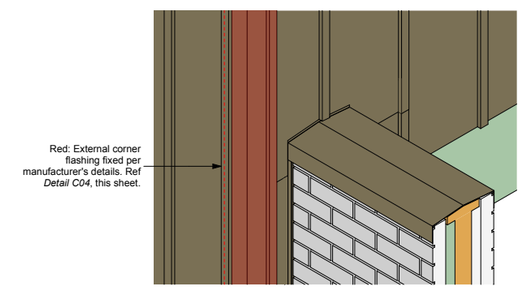
Parapet 02



Parapet 03



Parapet 04



Parapet 05

Sam Roberts Architectural Designer & CAD Technician
Licensed Building Practitioner - Design 2 (#BP136048)
P. 021 326 207 **E.** sam@samrobots.com

Large Residential - 2026

Project Scope

Large home on large rural coastal section.

Responsibilities

- Collaboration with consultants including structural, geotechnical and civil on a complex site with a complex structure.
- Liase with material & system suppliers to create unique details.
- Provide feedback and updates to client.
- Work solo to provide clear concise document set.
- Building Consent documentation including drawing set and Project Specification.

Project Status

Starting on site October 2026.

