



Appendix

11

Powerhouse Fast-track Application

Structural Design Report



Prepared by The Structural Firm

Chris Ellis
Structural Engineer

David Penilo
Engineering Support

15 December 2025

19 November 2025

Reference: SF24075

To Guy Hingston

Alpine Chalet Structural Plan Sets Restoring the Reserve – Powerhouse to Peak Cable Car & Fernhill Heights Development

Subject: Summary Structural Sketches – Chalet Types LG, 1, 2 and 3

1. Purpose of this document

This document accompanies the architect's Fast-track Referral Application plans and provides a high-level structural summary of the four chalet types used throughout the Fernhill Heights development. The intent is to clarify what each chalet type represents in terms of its structural form, layout and parking/garage configuration only.

2. Chalet types and colour coding

The architect's masterplan groups the 175 chalets into four types, each represented by a specific colour. These are differentiated primarily by the parking level (i.e., the level at which the garage sits within the building form), which in turn drives variations in the structural layout.

Based on the drawing set for Fernhill Heights Development by Shellshear Young Architects dated 27 October 2025.

- **Type LG – Lower Ground Parking**
Parking/garaging is located on a lower-ground level.
- **Type 1 – Level 1 Parking**
Parking occurs on the Level 1 with the garage integrated at the first elevated floor level.
- **Type 2 – Level 2 Parking**
Parking occurs on the Level 2 with the garage integrated at the second elevated floor level.
- **Type 3 – Level 3 Parking**
Parking occurs on the Level 3 with the garage integrated at the third elevated floor level.

These four sketch sets (LG, 1, 2 and 3) are provided in one combined PDF in this order to match the architectural colour coding and masterplan distribution.

3. Status and limitations

1. The attached drawings are summary structural sketches only, intended to illustrate the overall structural concept and the distinguishing features of each chalet type.
2. They are provided solely to assist in understanding the typologies for the Fast-track Referral Application.
3. These sketches are not detailed design documents and must not be used for construction, detailed coordination, tendering, or building consent.
4. Fully detailed structural plans, specifications and calculations will be produced during the substantive design phase of the project.

Yours sincerely

The Structural Firm

E hello@thestructuralfirm.co.nz



PROJECT NUMBER

SF24075

CLIENT

BOWEN PEAK LIMITED

PROJECT

MULTI-UNIT DEVELOPMENT TYPE LG

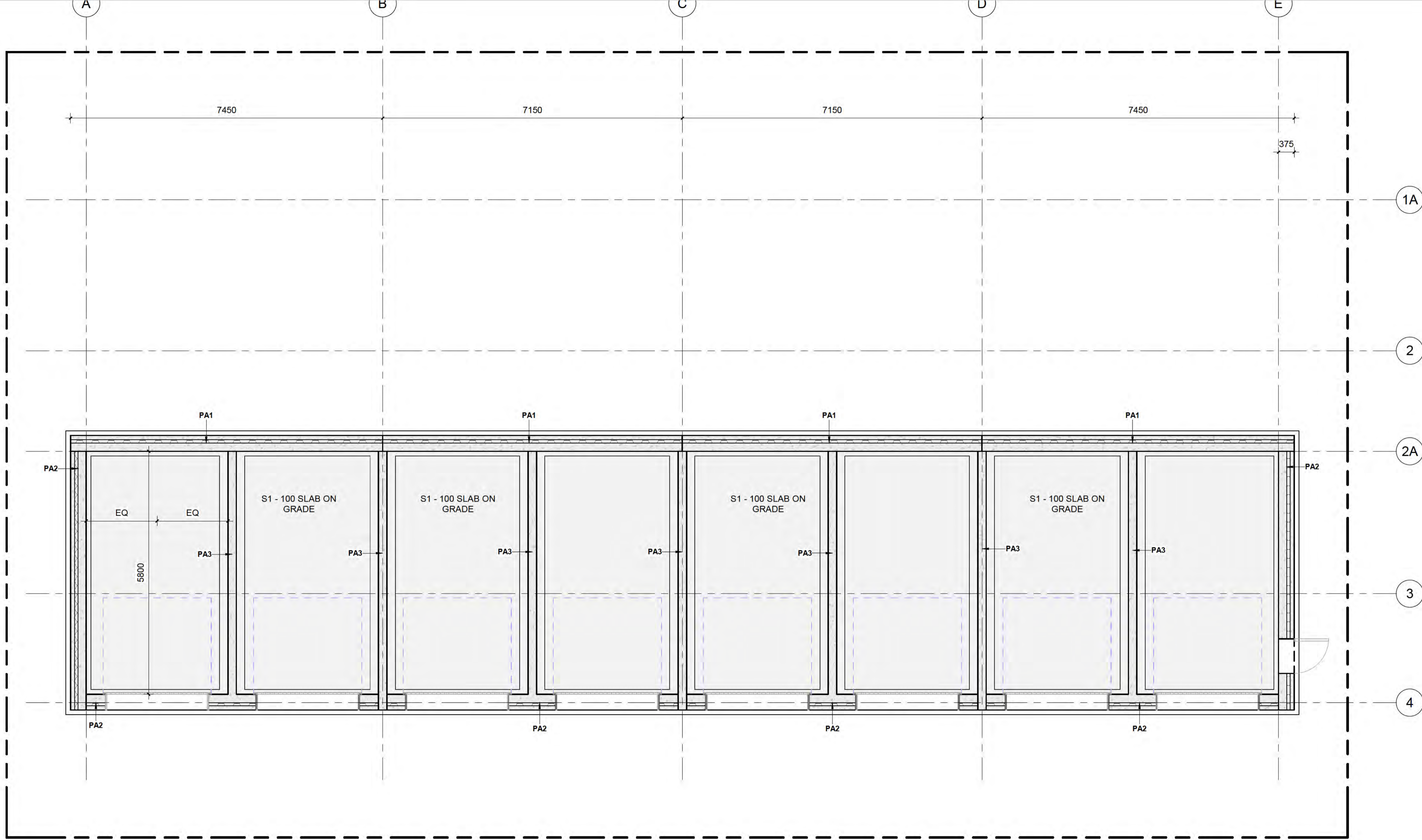
DRAWING LIST

DWG. NO.	DRAWING TITLE	REV.
A000	COVER SHEET	1
A101	GARAGE PLAN	1
A102	GROUND FLOOR PLAN	1
A103	LEVEL 1	1
A104	LEVEL 2 PLAN	1
A105	LEVEL 3 PLAN	1
A106	LEVEL 4 PLAN	1
A107	ROOF PLAN	1
A201	ELEVATIONS	1
A202	ELEVATIONS	1
A203	ELEVATIONS	1
A210	SECTIONS	1
A211	SECTIONS	1



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1 GARAGE LEVEL
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

STRUCTURAL SLAB SCHEDULE

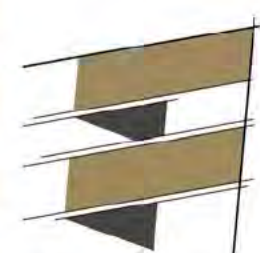
Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	12
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	50
PA3	200 THICK BALCROM INTERTENANCY PANELS	39
Grand total:		101

AMENDMENTS

1	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
REV	DATE	DESCRIPTION



THE STRUCTURAL FIRM
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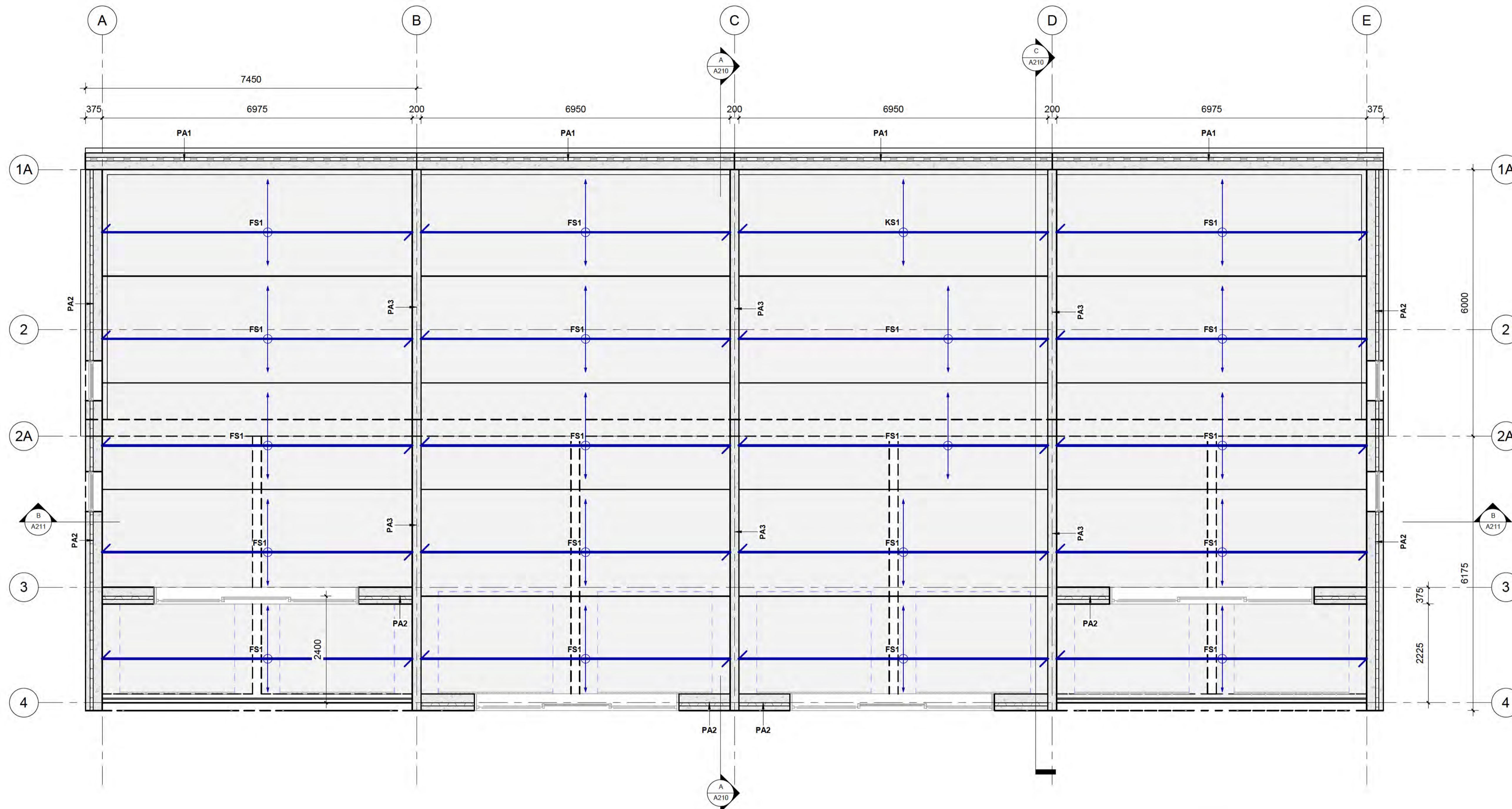
CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

DRAWING
GARAGE PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50	DATE: @ A1	DRAWING NUMBER: A101

REV.
1



Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	900
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	900
W312	1	1200	2400
W313	1	1200	2400
W314	1	1200	2400
W315	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	900
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	900
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	900
W351	1	1200	2400
W352	1	1200	2400
W353	1	1200	1800
W355	1	1200	900
W356	1	1200	900
W357	1	1200	2400
W358	1	1200	2400
W359	1	1200	2400
W360	1	1200	2400
W361	1	1200	1800
W363	1	1200	900
W364	1	1200	900
Grand total:	36		

1 GROUND FLOOR GA PLAN
1:50 at A1 1:100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	8	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500
D11	4555_Sectional_garage_door_Basic	8	2300	2400

PRECAST PANEL SCHEDULE

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Grand total:		101

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Type Mark	Description	Count	Area
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Grand total:		1	

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CLIENT
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PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

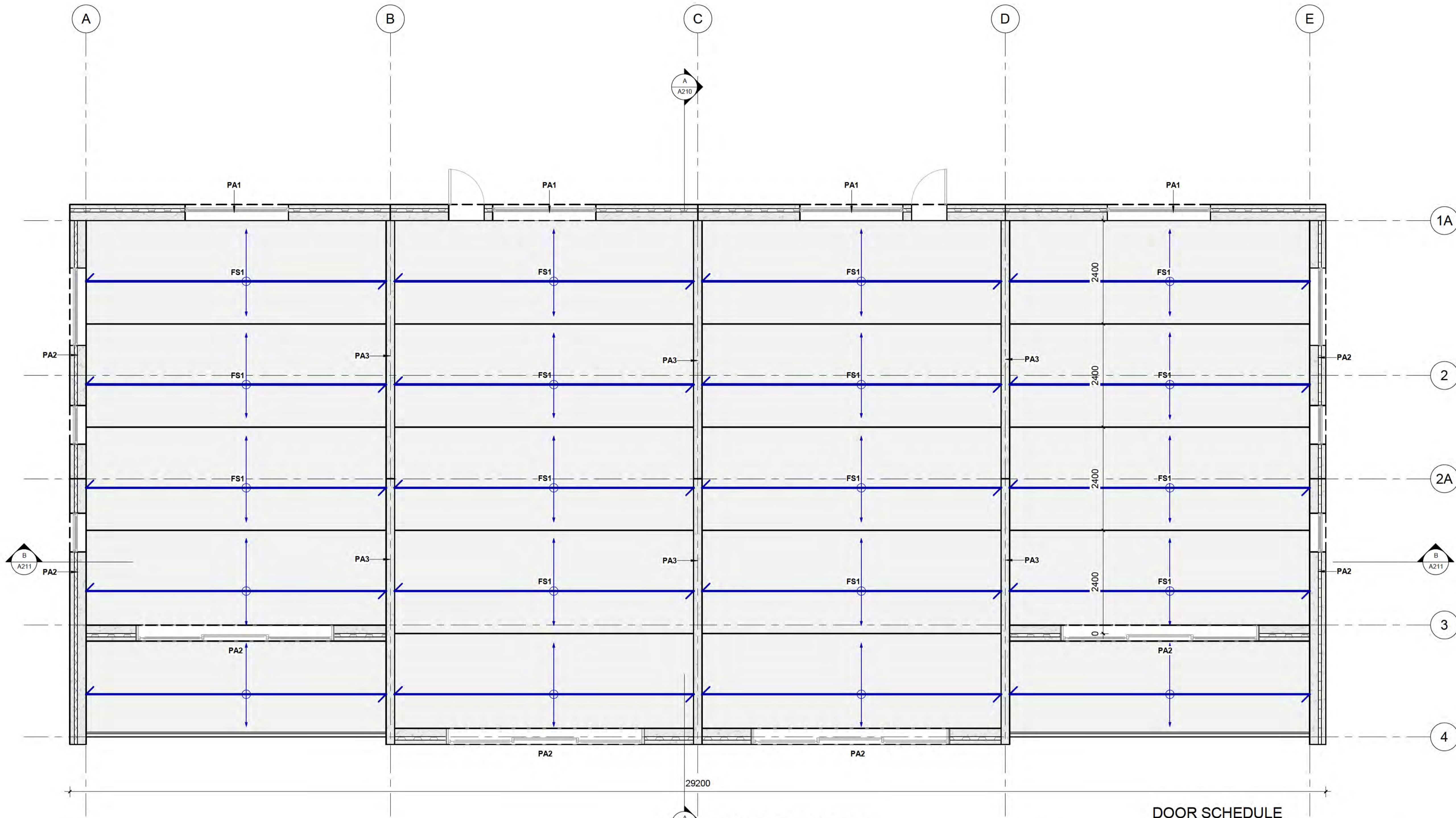
DRAWING
GROUND FLOOR PLAN

DRAWN: D. PENILO
SCALE/S: 1:50 @ A1

CHECKED: D. PENILO
DATE:

PROJECT NUMBER: **SF24075**
DRAWING NUMBER: **A102**

REV: **1**



1 LEVEL 1 PLAN
1: 50 at A1 1: 100 at A3

Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	900
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	900
W312	1	1200	2400
W313	1	1200	2400
W314	1	1200	2400
W315	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	900
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	900
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	900
W351	1	1200	2400
W352	1	1200	2400
W353	1	1200	1800
W355	1	1200	900
W356	1	1200	900
W357	1	1200	2400
W358	1	1200	2400
W359	1	1200	2400
W360	1	1200	2400
W361	1	1200	1800
W363	1	1200	900
W364	1	1200	900
Grand total:	36		

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	8	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500
D11	4555_Sectional garage door_Basic	8	2300	2400

PRECAST PANEL SCHEDULE

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PA3	200 THICK BALCROM INTERTENANCY PANELS	39
Grand total:		101

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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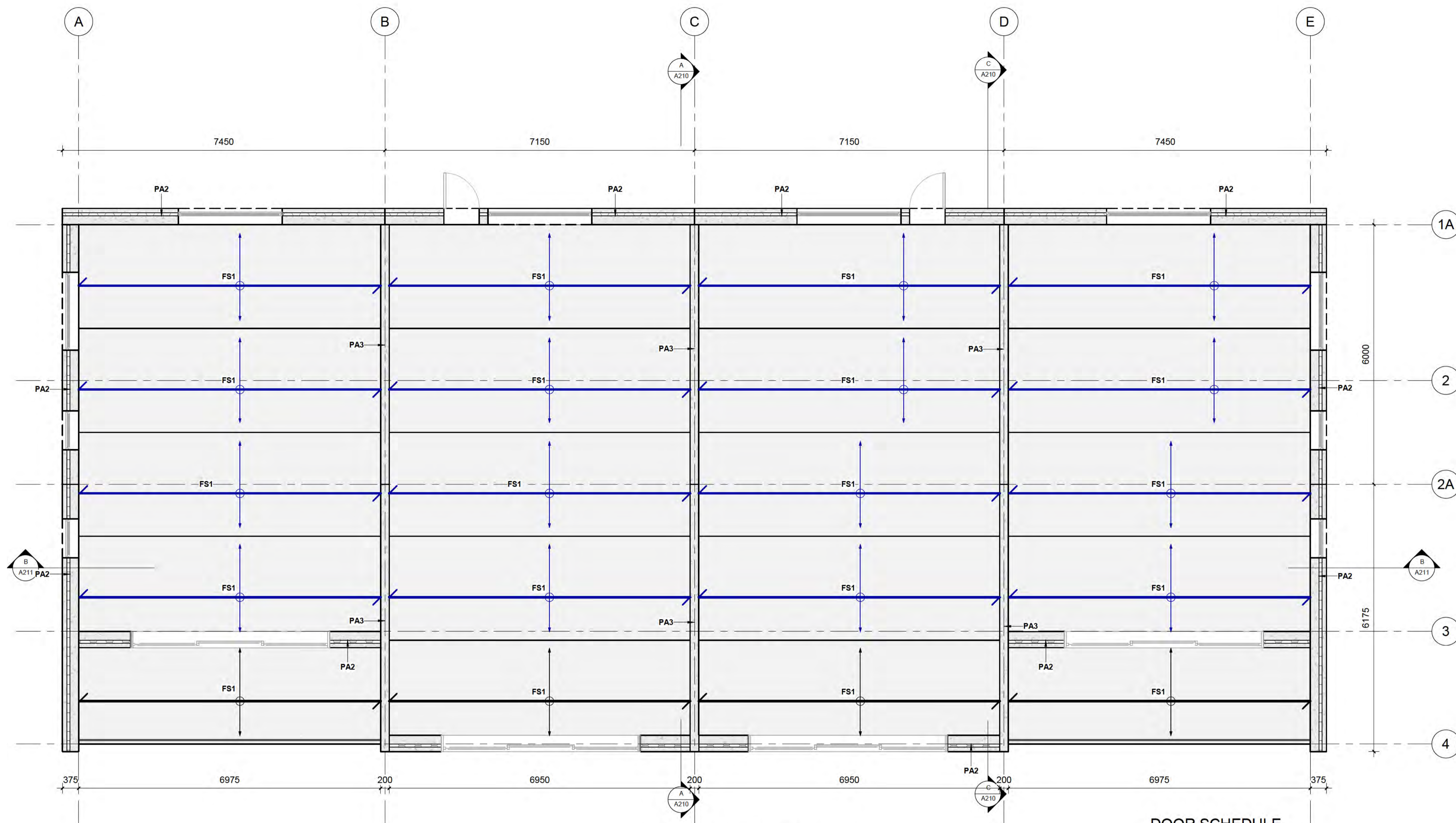


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

DRAWING
LEVEL 1

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A103
		REV: 1



2 LEVEL 1 PLAN
1: 50 at A1 1: 100 at A3

Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	900
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	900
W312	1	1200	2400
W313	1	1200	2400
W314	1	1200	2400
W315	1	1200	2400
W318	1	1200	900
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W328	1	1200	900
W329	1	1200	900
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	900
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	900
W351	1	1200	2400
W352	1	1200	2400
W353	1	1200	1800
W355	1	1200	900
W356	1	1200	900
W357	1	1200	2400
W358	1	1200	2400
W359	1	1200	2400
W360	1	1200	2400
W361	1	1200	1800
W363	1	1200	900
W364	1	1200	900
Grand total:	36		

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	8	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500
D11	4555_Sectional garage door_Basic	8	2300	2400

PRECAST PANEL SCHEDULE

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Grand total:		101

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS

1	DATE	SCHEMATIC DESIGN DESCRIPTION
REV		

24/09/2025 10:21:48 am Autodesks Docs://SF24075_Multi Unit Development/SF24075_AR_R25_Multi Unit Development.rvt

A: LEVEL 2, 32 REES ST, QUEENSTOWN
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PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

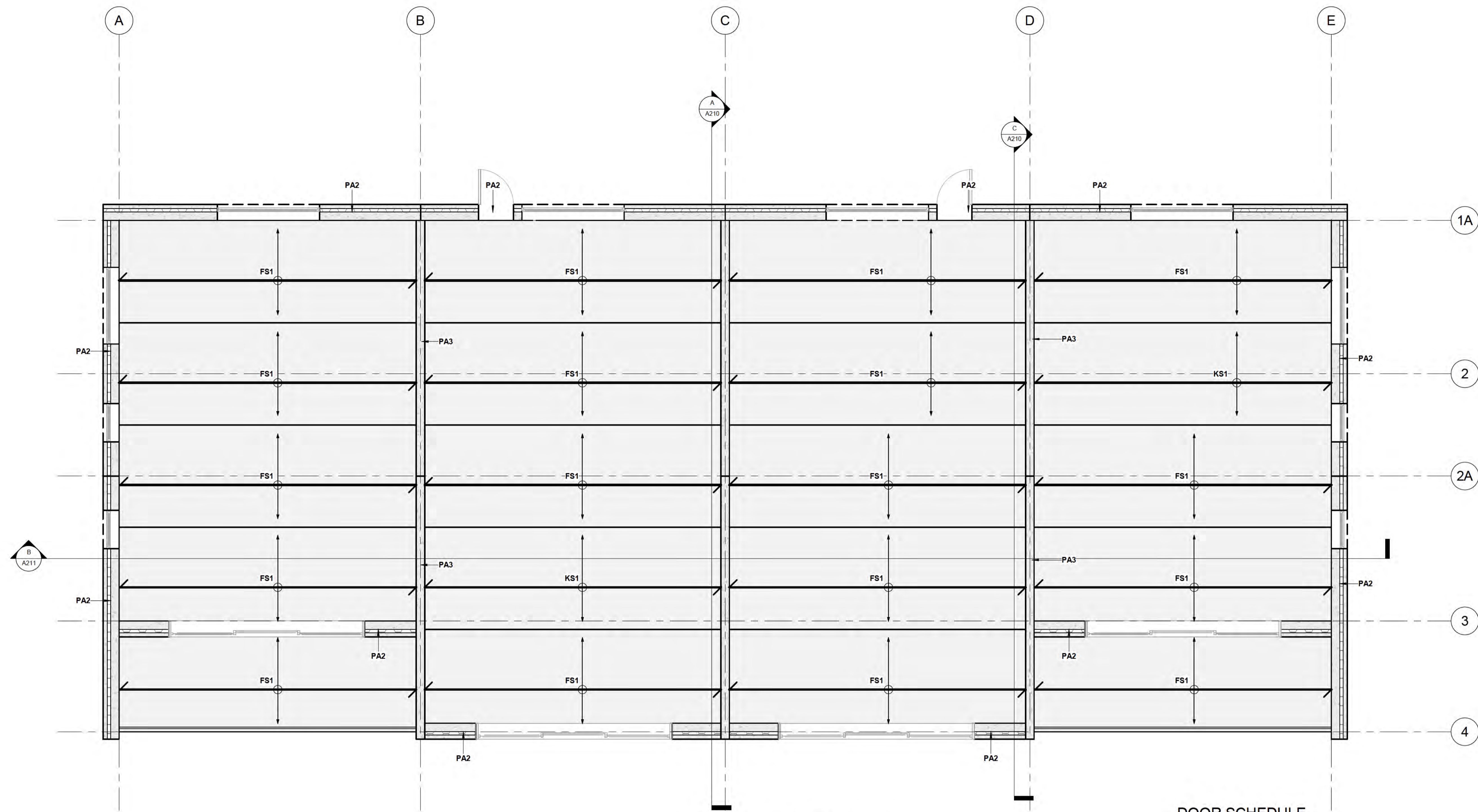
DRAWING
LEVEL 2 PLAN

DRAWN: D. PENILO
SCALE/S: 1: 50 @ A1

CHECKED: D. PENILO
DATE:

PROJECT NUMBER: **SF24075**
DRAWING NUMBER: **A104**

REV: **1**



Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	900
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	900
W312	1	1200	2400
W313	1	1200	2400
W314	1	1200	2400
W315	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	900
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	900
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	900
W351	1	1200	2400
W352	1	1200	2400
W353	1	1200	1800
W355	1	1200	900
W356	1	1200	900
W357	1	1200	2400
W358	1	1200	2400
W359	1	1200	2400
W360	1	1200	2400
W361	1	1200	1800
W363	1	1200	900
W364	1	1200	900
Grand total:	36		

1 LEVEL 3
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	8	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500
D11	4555_Sectional_garage_door_Basic	8	2300	2400

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
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Grand total:		101

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m²
Grand total:		1	

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REV	DATE	DESCRIPTION

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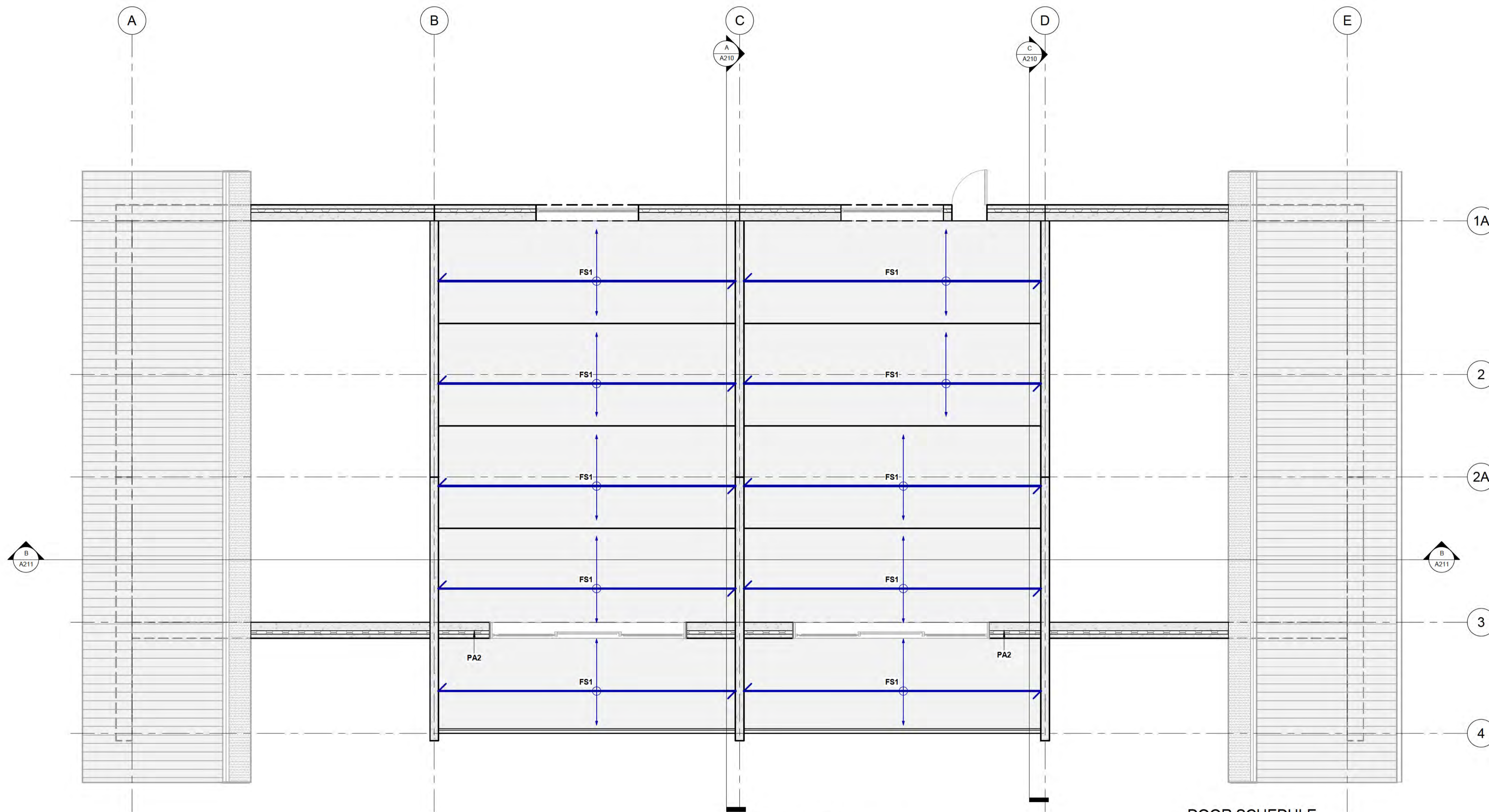


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

DRAWING
LEVEL 3 PLAN

DRAWN: D. PENILO CHECKED: D. PENILO PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1 DATE: DRAWING NUMBER: A105 REV: 1



Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	900
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	900
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W350	1	1200	900
W351	1	1200	2400
W352	1	1200	2400
W353	1	1200	1800
W355	1	1200	900
W356	1	1200	900
W357	1	1200	2400
W358	1	1200	2400
W359	1	1200	2400
W360	1	1200	2400
W361	1	1200	1800
W363	1	1200	900
W364	1	1200	900
Grand total:	36		

1 LEVEL 4
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

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DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
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STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
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AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN



THE STRUCTURAL FIRM
CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN
E: hello@thestructuralfirm.co.nz

M: PO BOX 2115, WAKATIPU
W: www.thestructuralfirm.co.nz

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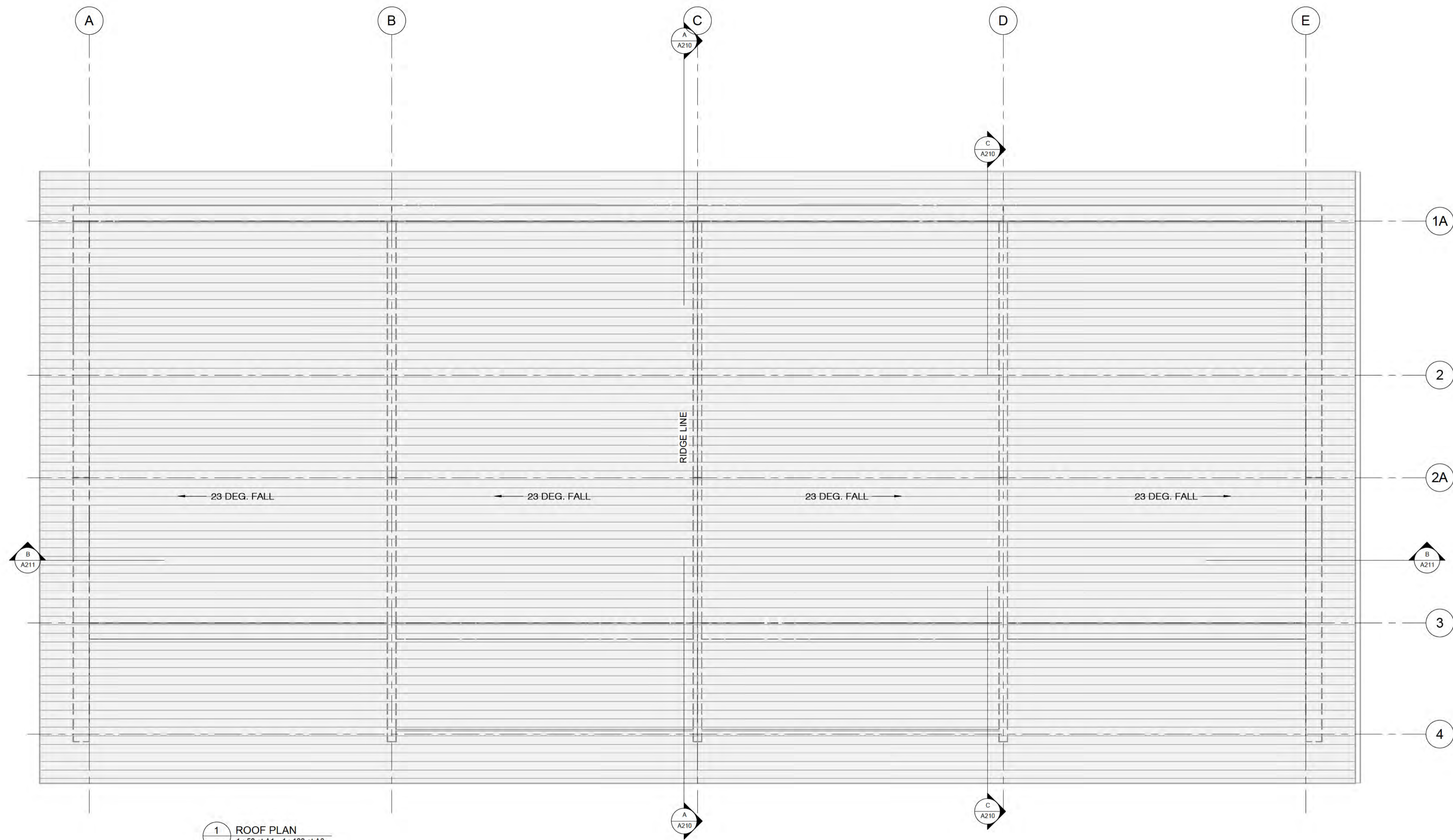


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

DRAWING
LEVEL 4 PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075	REV: 1
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A106	



1 ROOF PLAN
1:50 at A1 1:100 at A3

Type Mark	Description	Area
ROOF	MAIN ROOF	477 m ²

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AMENDMENTS

1	DATE	DESCRIPTION

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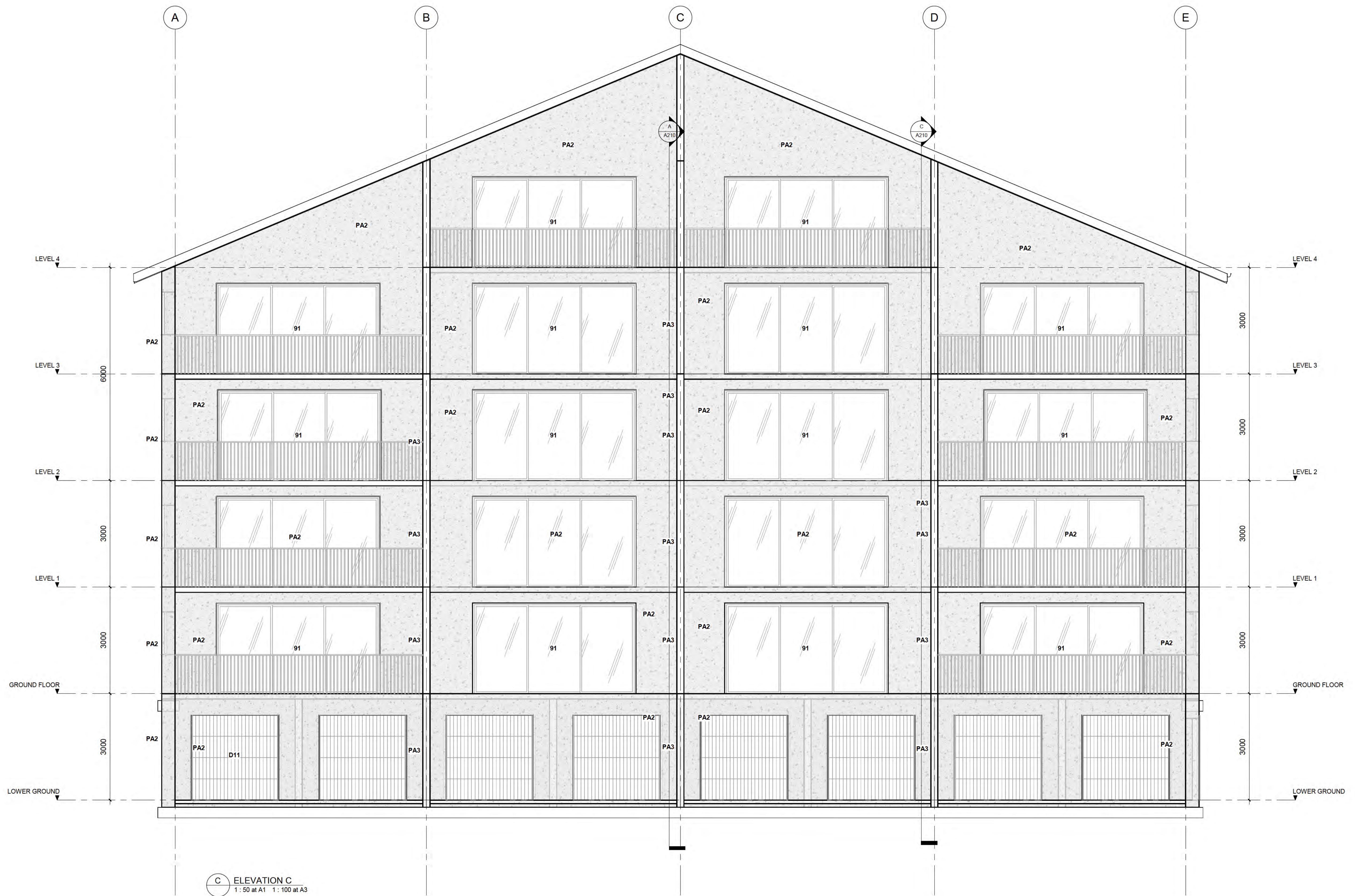
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CLIENT BOWEN PEAK LIMITED		DRAWING ROOF PLAN	
PROJECT MULTI-UNIT DEVELOPMENT TYPE LG	DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1:50	DATE: @ A1	DRAWING NUMBER: A107	REV: 1

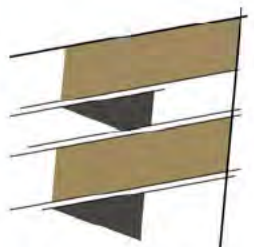


C ELEVATION C
1 : 50 at A1 1 : 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

24/09/2025 10:21:50 am Autodesks Docs://SF24075_Multi Unit Development/SF24075_AR_R25_Multi Unit Development.rvt



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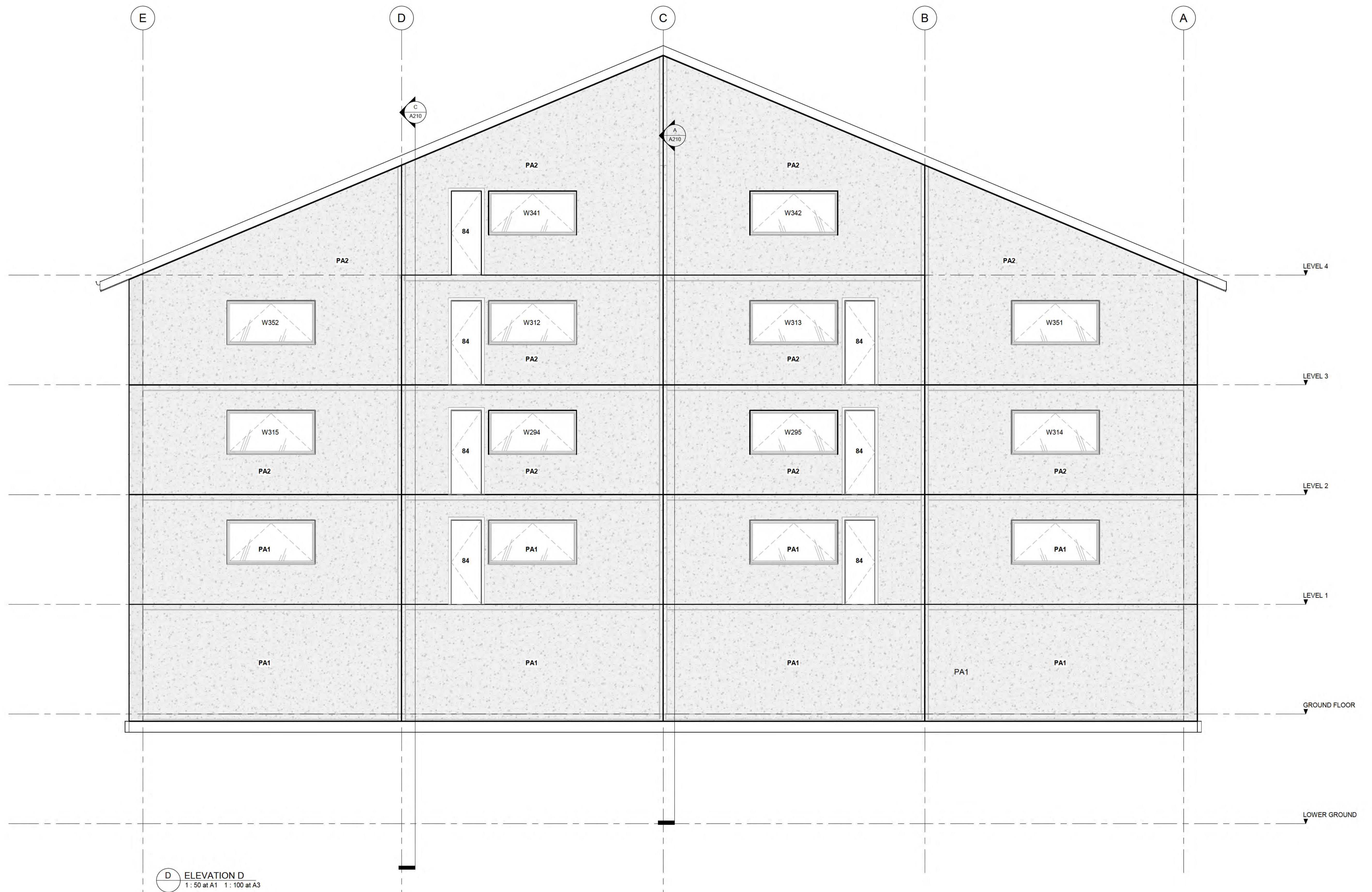
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CLIENT BOWEN PEAK LIMITED	DRAWING ELEVATIONS	
PROJECT MULTI-UNIT DEVELOPMENT TYPE LG	DRAWN: D. PENILO	CHECKED: D. PENILO
	SCALE/S: 1 : 50 @ A1	PROJECT NUMBER: SF24075
		DRAWING NUMBER: A201
		REV: 1



D ELEVATION D
 1: 50 at A1 1: 100 at A3

AMENDMENTS

1	DATE	SCHEMATIC DESIGN DESCRIPTION
REV	DATE	DESCRIPTION

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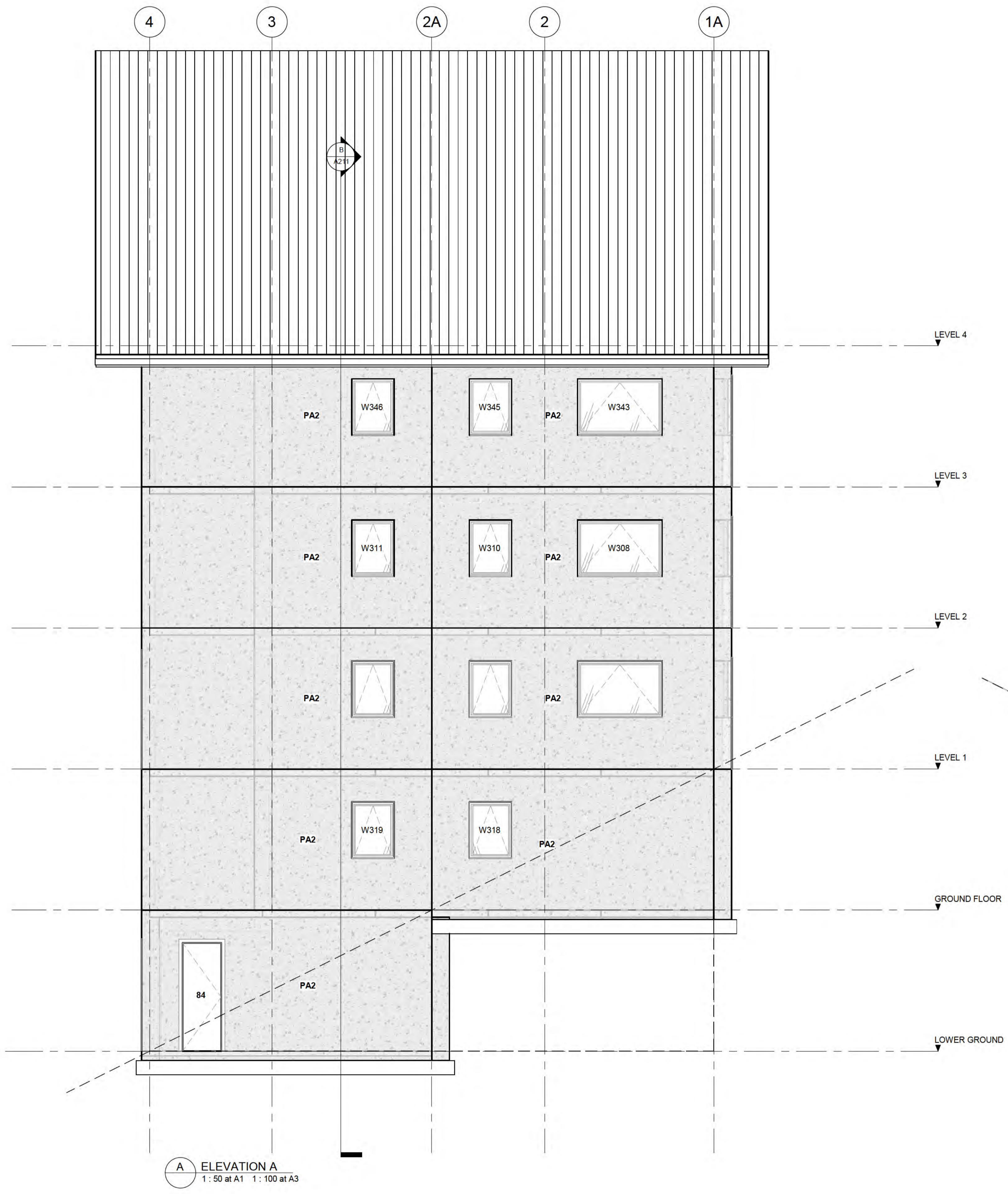


CLIENT
BOWEN PEAK LIMITED

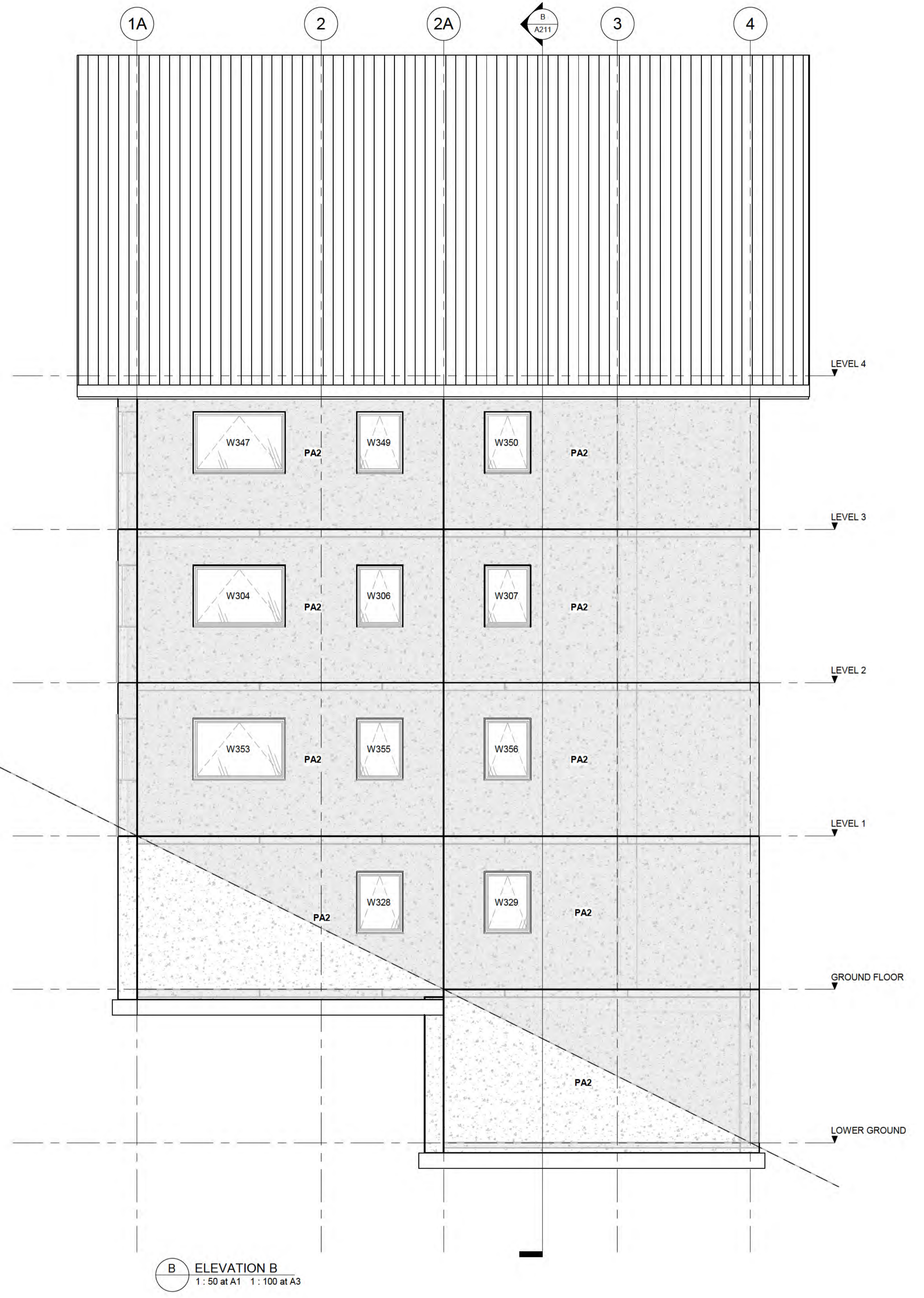
PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

DRAWING
ELEVATIONS

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A202
		REV: 1



A ELEVATION A
 1 : 50 at A1 1 : 100 at A3



B ELEVATION B
 1 : 50 at A1 1 : 100 at A3

AMENDMENTS		
REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
		DESCRIPTION

24/09/2025 10:21:51 am Autodesk Docs://SF24075_Multi Unit Development/SF24075_AR_R25_Multi Unit Development.rvt

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PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

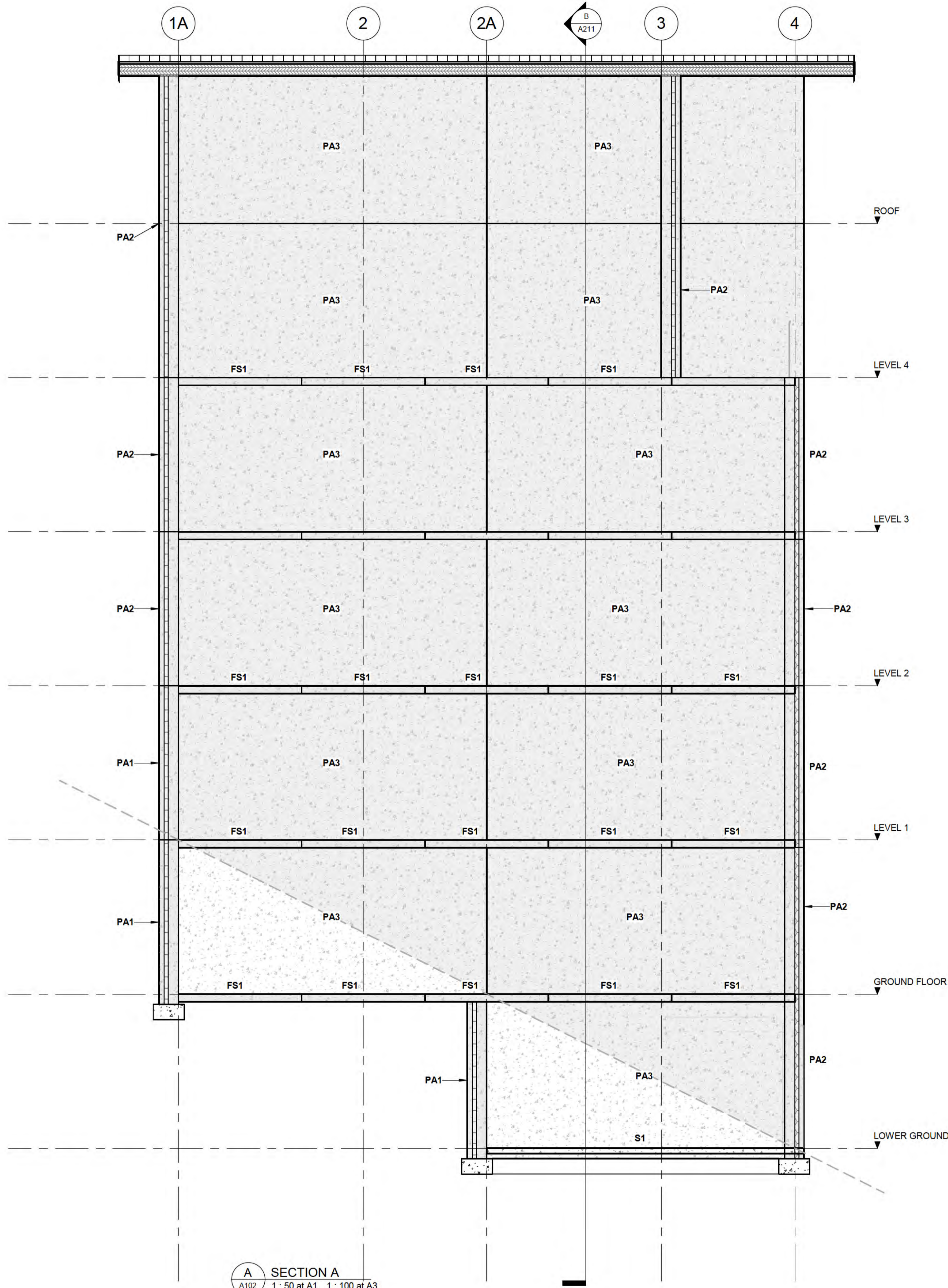
DRAWING
ELEVATIONS

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1 : 50 @ A1	DATE:	DRAWING NUMBER: A203

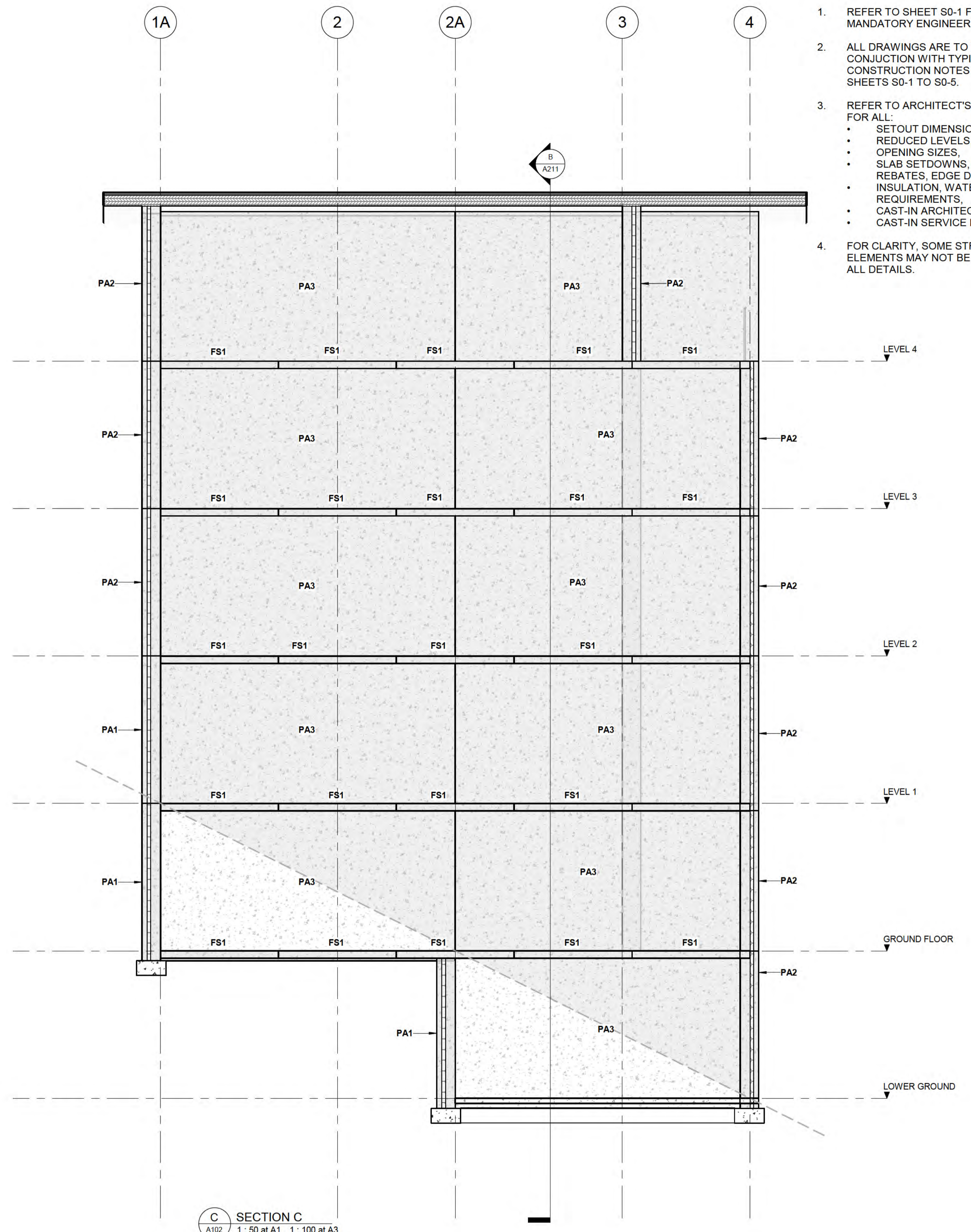
REV. 1

GENERAL NOTES

1. REFER TO SHEET S0-1 FOR MANDATORY ENGINEER INSPECTIONS.
2. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH TYPICAL CONSTRUCTION NOTES FOUND ON SHEETS S0-1 TO S0-5.
3. REFER TO ARCHITECT'S DRAWINGS FOR ALL:
 - SETOUT DIMENSIONS,
 - REDUCED LEVELS,
 - OPENING SIZES,
 - SLAB SETDOWNS, FALLS,
 - REBATES, EDGE DETAILS,
 - INSULATION, WATERPROOFING REQUIREMENTS,
 - CAST-IN ARCHITECTURAL ITEMS
 - CAST-IN SERVICE FIXTURES.
4. FOR CLARITY, SOME STRUCTURAL ELEMENTS MAY NOT BE SHOWN ON ALL DETAILS.



A SECTION A
A102 1: 50 at A1 1: 100 at A3



C SECTION C
A102 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
		DESCRIPTION

24/09/2025 10:21:52 am Autodesk Docs://SF24075_Multi Unit Development/SF24075_AR_R25_Multi Unit Development.rvt

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PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

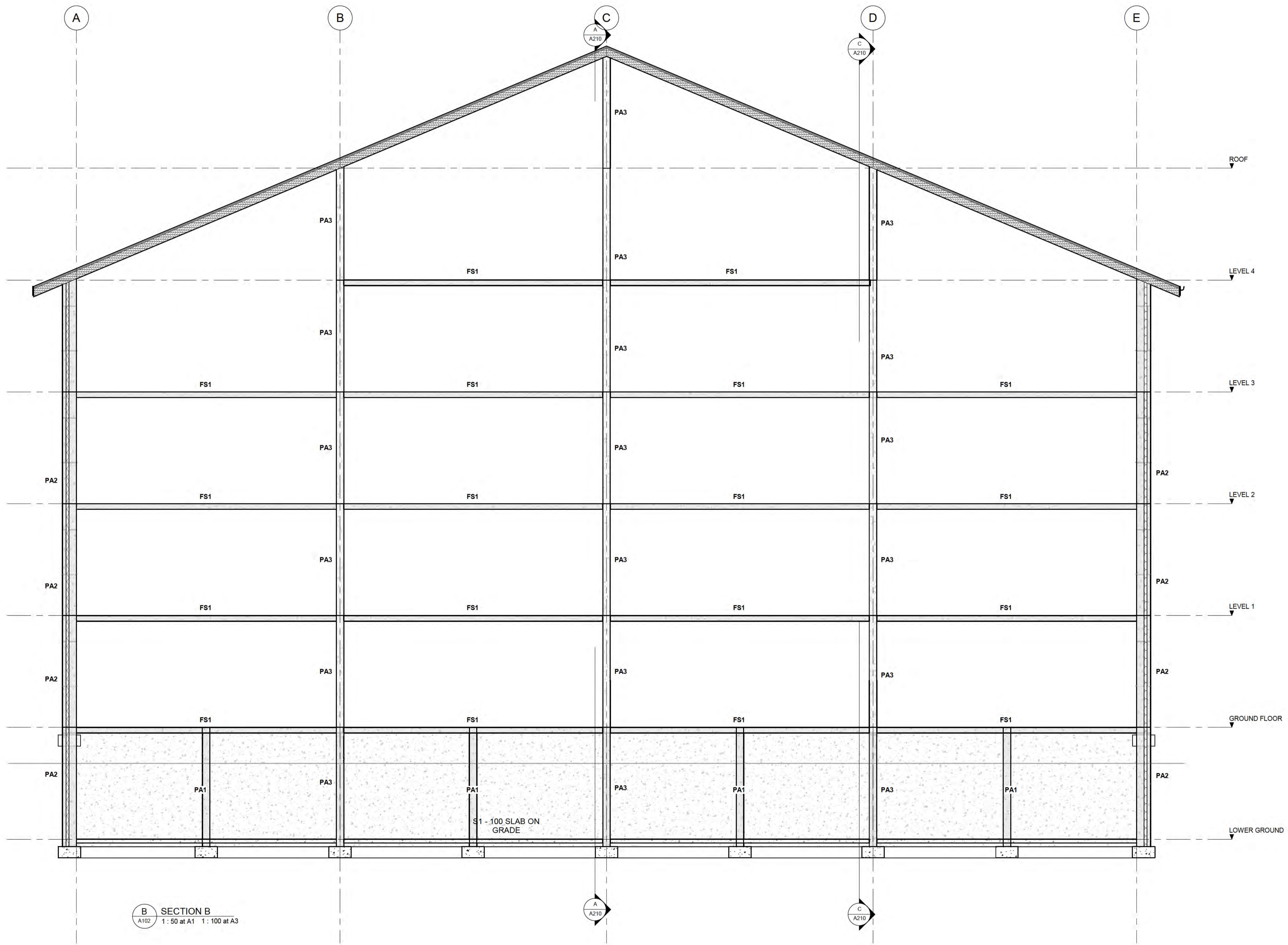
DRAWING
SECTIONS

DRAWN: D. PENILO
SCALE/S: 1: 50 @ A1

CHECKED: D. PENILO
DATE:

PROJECT NUMBER: **SF24075**
DRAWING NUMBER: **A210**

REV. **1**



B SECTION B
A102 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

24/09/2025 10:21:52 am Autodesks Docs://SF24075_Multi Unit Development/SF24075_AR_R25_Multi Unit Development.rvt

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PROJECT
MULTI-UNIT DEVELOPMENT TYPE LG

DRAWING
SECTIONS

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A211
		REV: 1

PROJECT NUMBER

SF24075

CLIENT

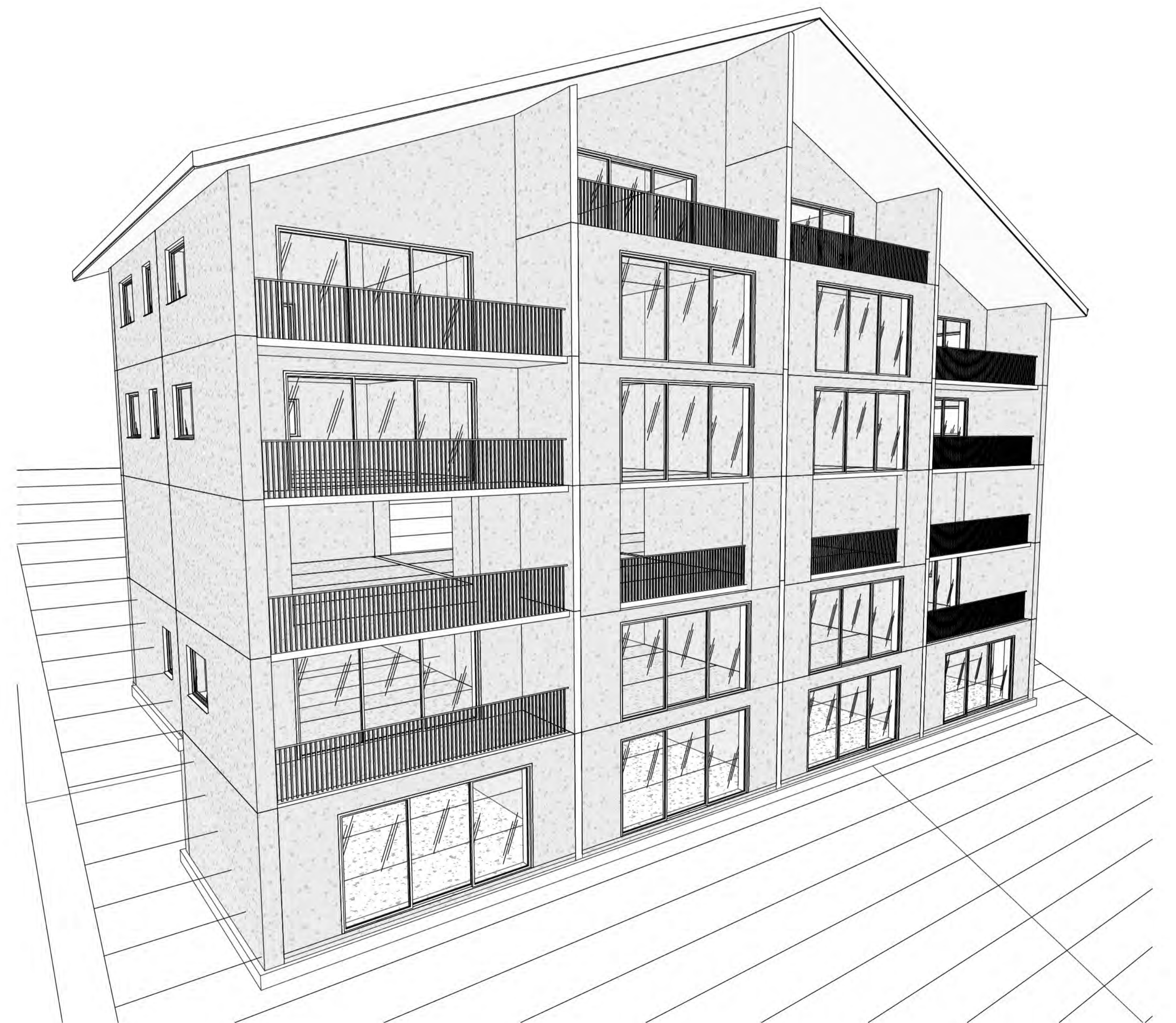
BOWEN PEAK LIMITED

PROJECT

MULTI-UNIT DEVELOPMENT TYPE 1

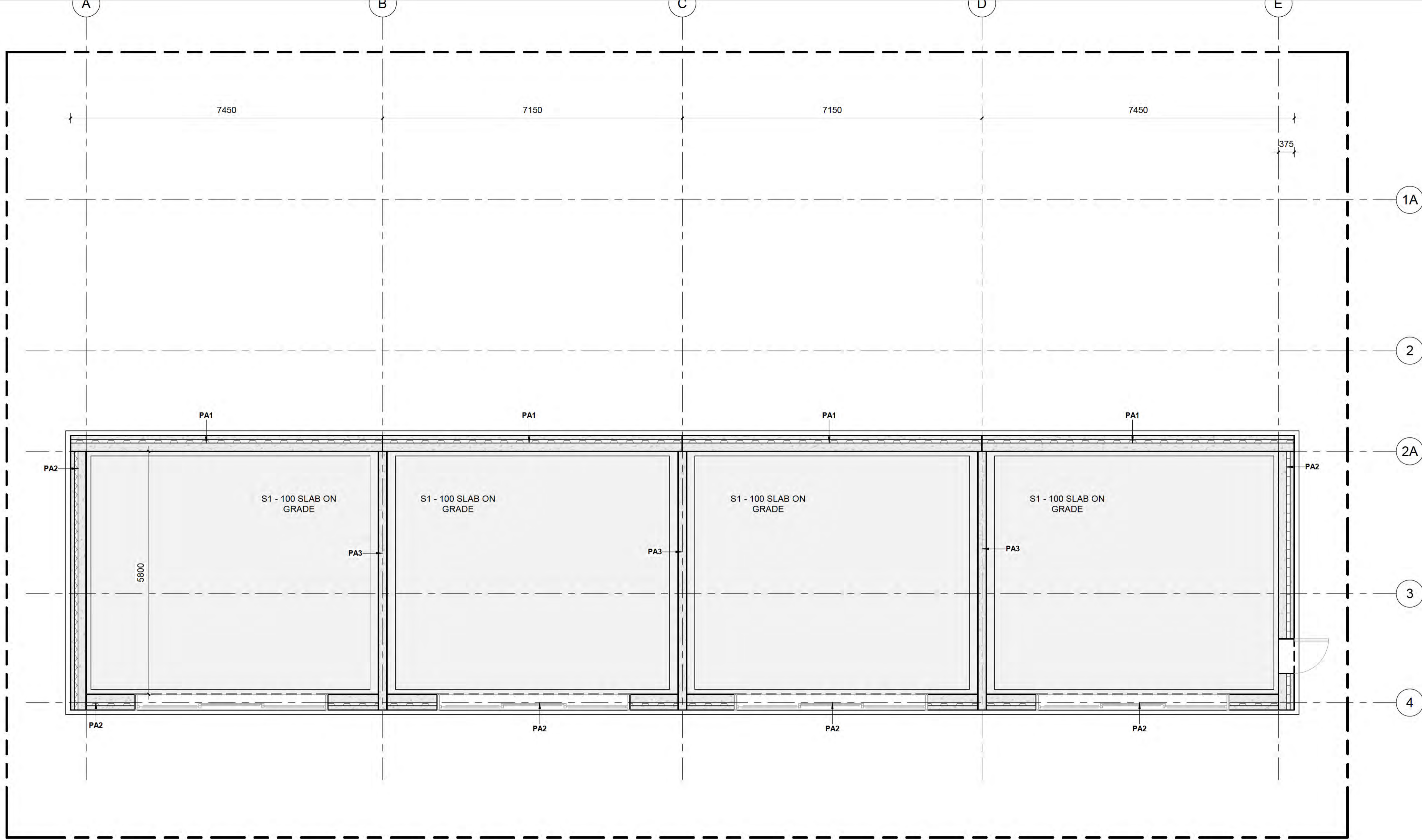
DRAWING LIST

DWG. NO.	DRAWING TITLE	REV.
A000	COVER SHEET	1
A101	LOWER GROUND FLOOR PLAN	1
A102	GROUND FLOOR PLAN	1
A103	LEVEL 1	1
A104	LEVEL 2 PLAN	1
A105	LEVEL 3 PLAN	1
A106	LEVEL 4 PLAN	1
A107	ROOF PLAN	1
A201	ELEVATIONS	1
A202	ELEVATIONS	1
A203	ELEVATIONS	1
A210	SECTIONS	1
A211	SECTIONS	1



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1 GARAGE LEVEL
1 : 50 at A1 1 : 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	14
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	54
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

AMENDMENTS

1	DATE	DESCRIPTION



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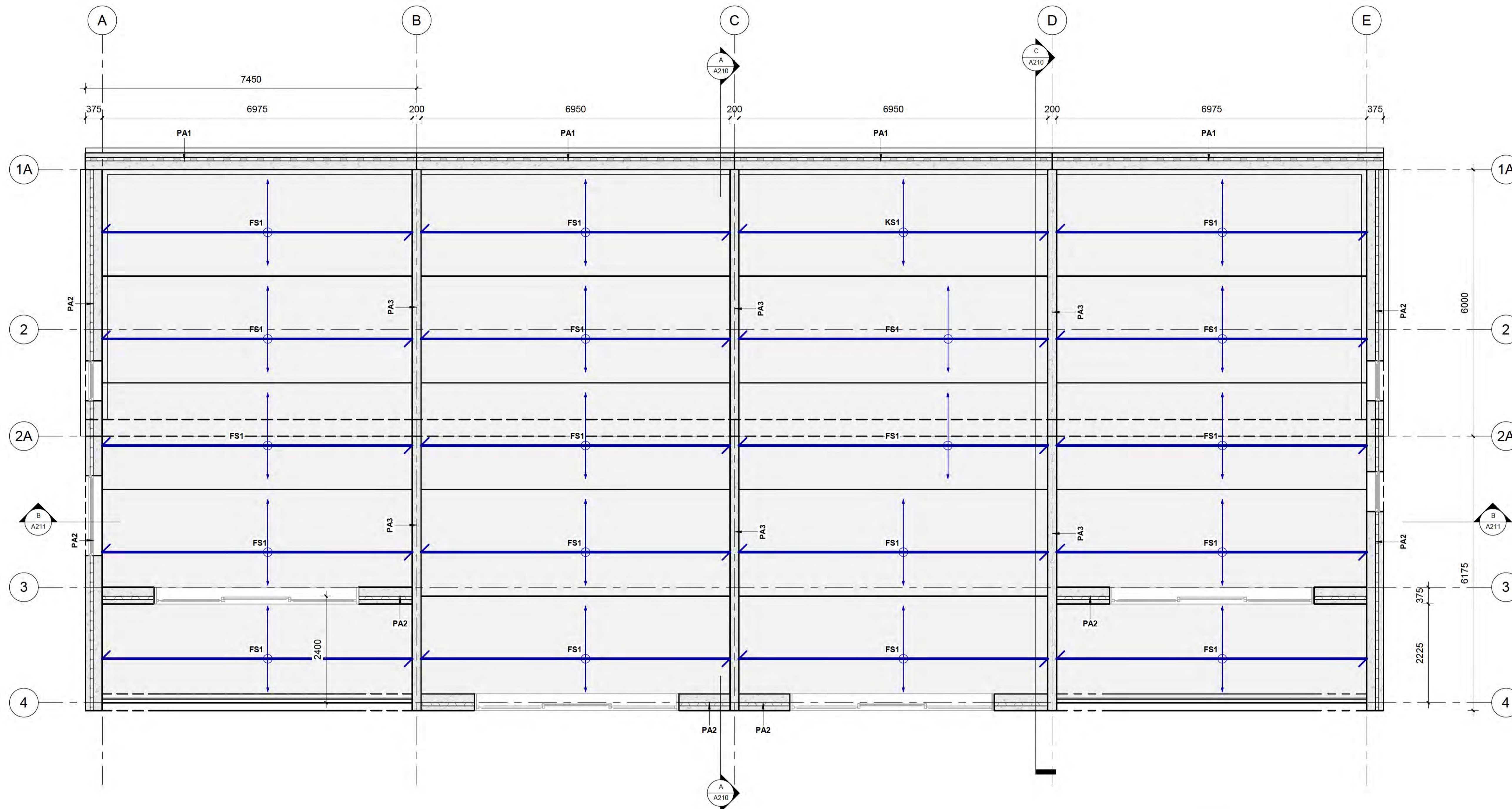


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 1

DRAWING
LOWER GROUND FLOOR PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1 : 50	DATE: @ A1	DRAWING NUMBER: A101
		REV: 1



Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	1800
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	1800
W312	1	1200	2400
W313	1	1200	2400
W314	1	1200	2400
W315	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
Grand total:	26		

1 GROUND FLOOR GA PLAN
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	6	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	14
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	54
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN



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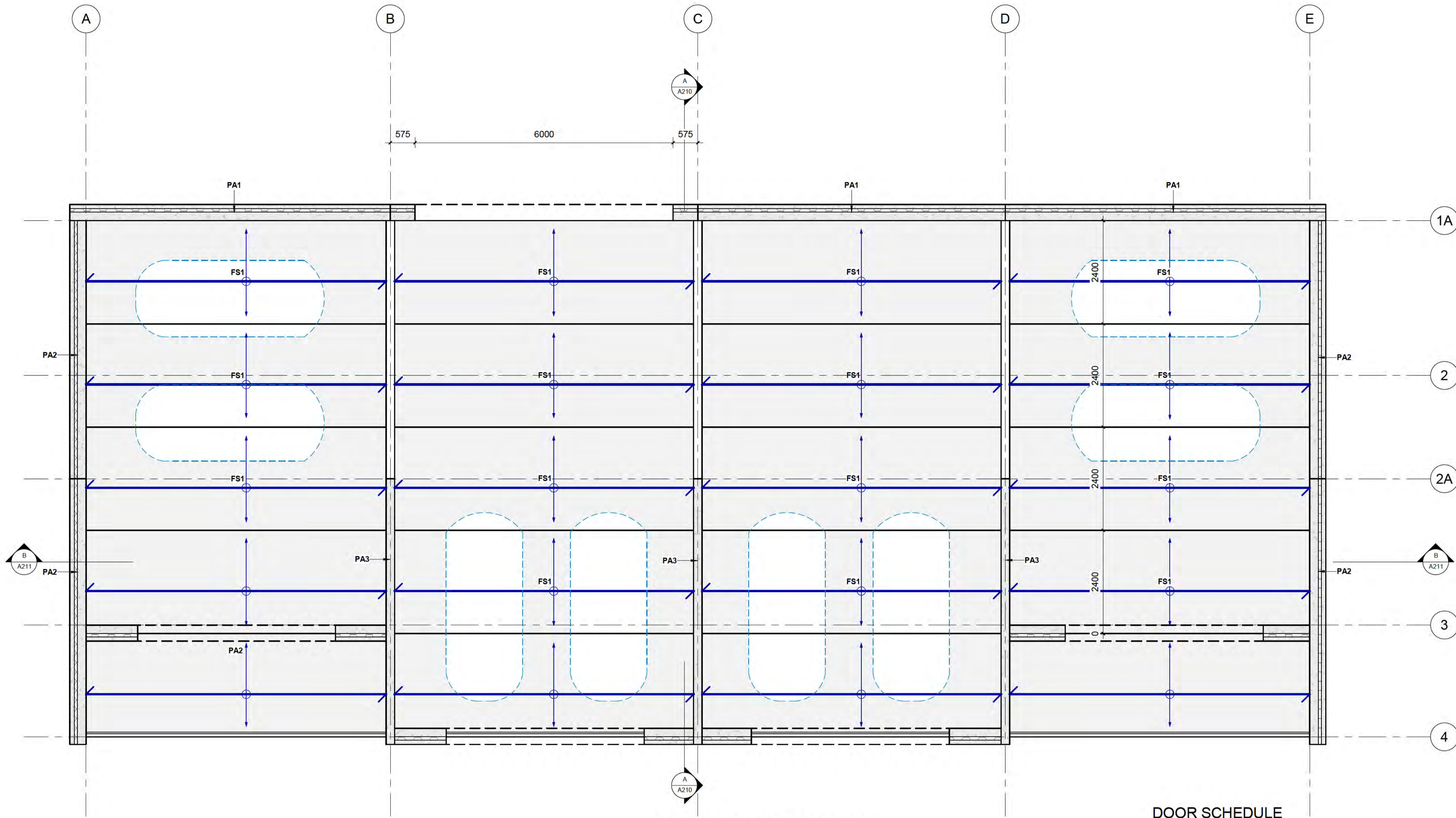


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 1

DRAWING
GROUND FLOOR PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50	DATE: @ A1	DRAWING NUMBER: A102
		REV: 1



1 LEVEL 1 PLAN
1: 50 at A1 1: 100 at A3

Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	1800
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	1800
W312	1	1200	2400
W313	1	1200	2400
W314	1	1200	2400
W315	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
Grand total:	26		

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	6	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	14
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	54
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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1		SCHEMATIC DESIGN

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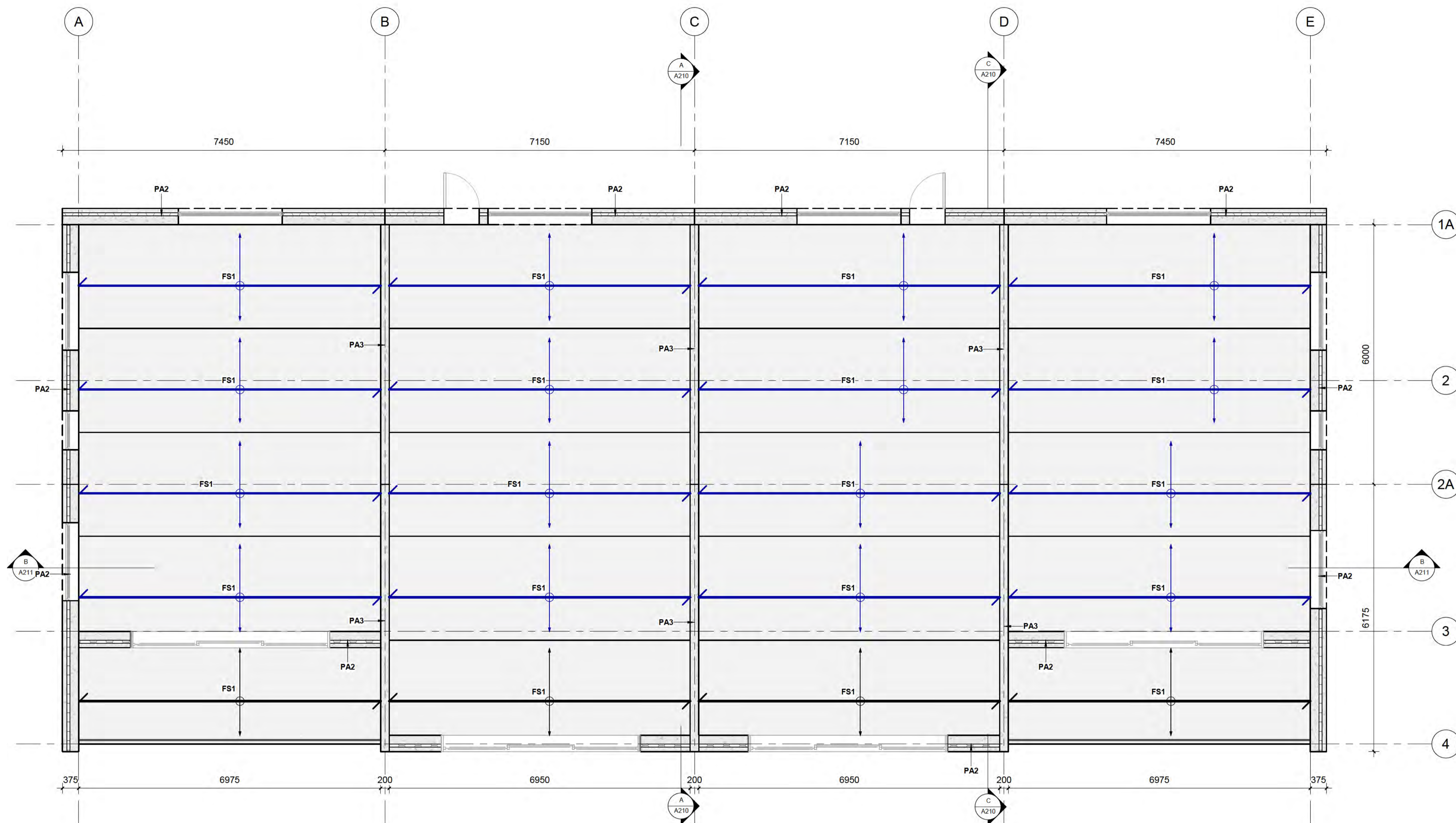


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 1

DRAWING
LEVEL 1

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50	DATE: @ A1	DRAWING NUMBER: A103



2 LEVEL 1 PLAN
1:50 at A1 1:100 at A3

Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	1800
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	1800
W312	1	1200	2400
W313	1	1200	2400
W314	1	1200	2400
W315	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
Grand total:	26		

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	6	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	14
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	54
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS		
1	DATE	DESCRIPTION

A: LEVEL 2, 32 REES ST, QUEENSTOWN
E: hello@thestructuralfirm.co.nz

M: PO BOX 2115, WAKATIPU
W: www.thestructuralfirm.co.nz

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CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 1

DRAWING
LEVEL 2 PLAN

DRAWN: D. PENILO
SCALE: 1:50 @ A1

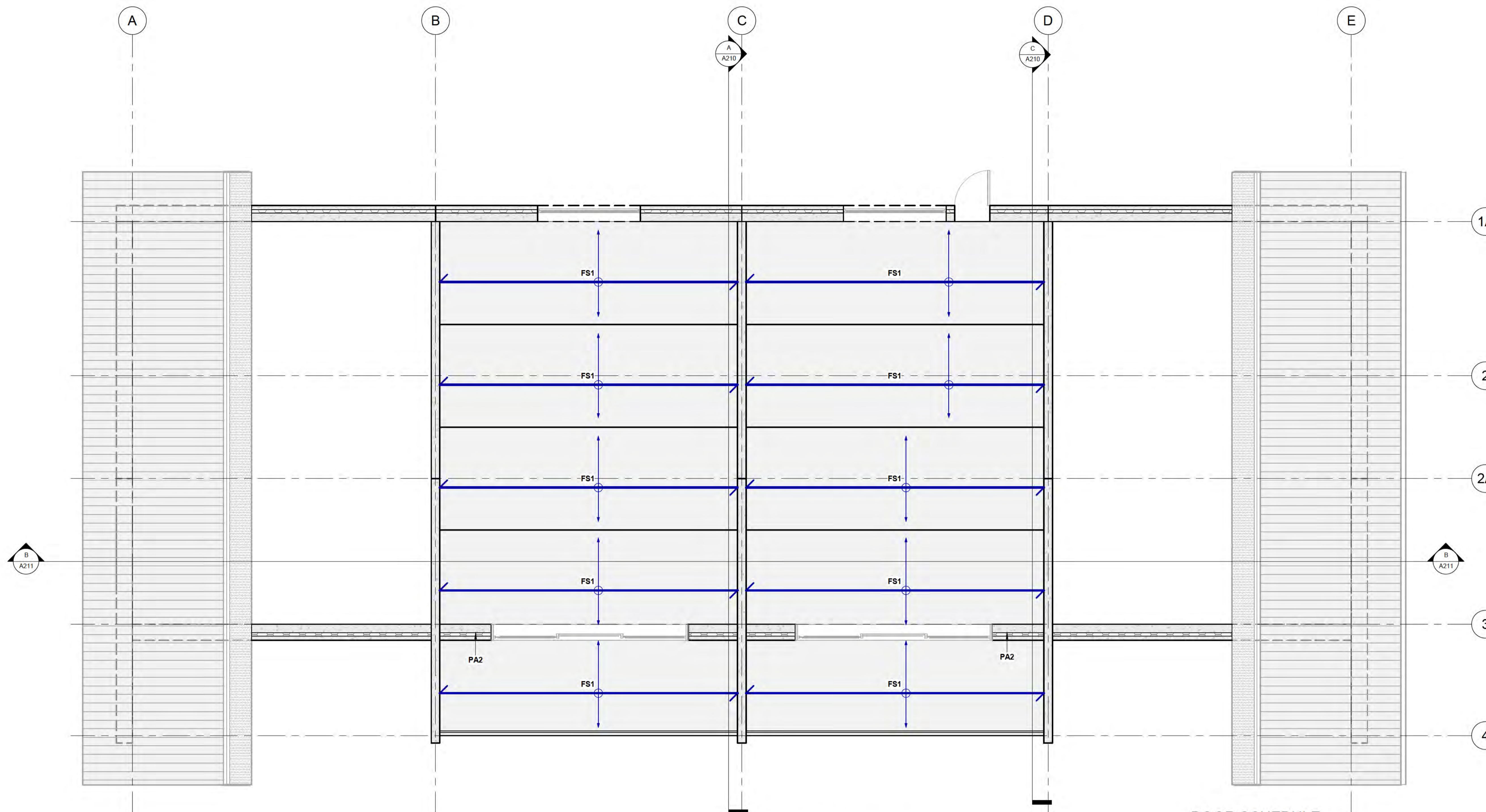
CHECKED: D. PENILO
DATE:

PROJECT NUMBER: SF24075
DRAWING NUMBER: A104

REV. 1

Window Schedule

Mark	Count	Height	Width
W294	1	1200	2400
W295	1	1200	2400
W304	1	1200	1800
W306	1	1200	900
W307	1	1200	1800
W308	1	1200	1800
W310	1	1200	900
W311	1	1200	1800
W312	1	1200	2400
W313	1	1200	2400
W314	1	1200	2400
W315	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
Grand total:	26		



1 LEVEL 4
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	6	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500
Grand total:		24		

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	14
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	54
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS

1	DATE	DESCRIPTION



THE STRUCTURAL FIRM
CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN
E: hello@thestructuralfirm.co.nz

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PROJECT
MULTI-UNIT DEVELOPMENT TYPE 1

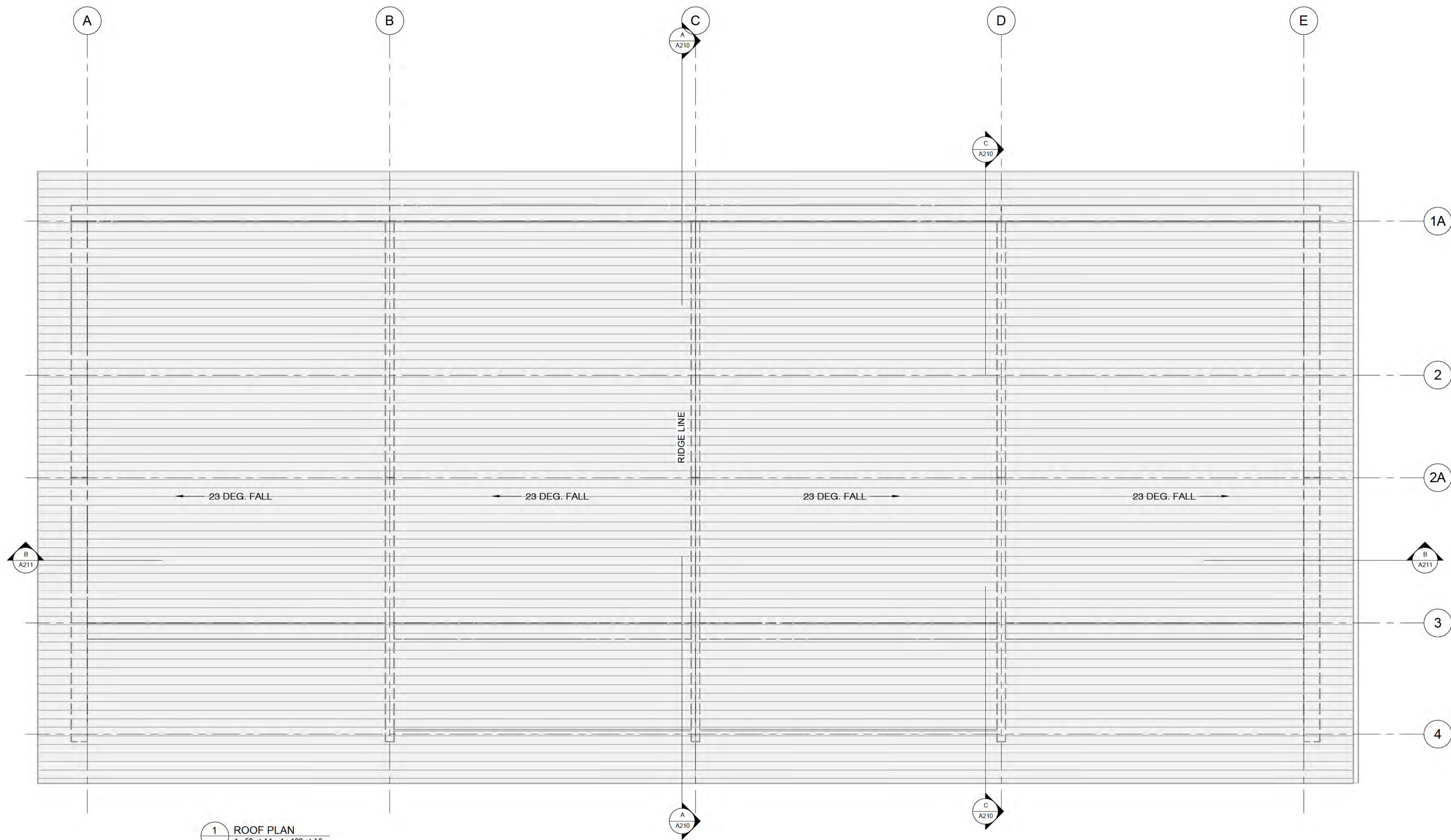
DRAWING
LEVEL 4 PLAN

DRAWN:
D. PENILO
SCALE/S:
1: 50

CHECKED:
D. PENILO
DATE:
@ A1

PROJECT NUMBER
SF24075
DRAWING NUMBER:
A106

REV.
1



1 ROOF PLAN
1:50 at A1 1:100 at A3

ROOF SCHEDULE		
Type Mark	Description	Area
ROOF	MAIN ROOF	477 m ²

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AMENDMENTS

1	DATE	SCHEMATIC DESIGN DESCRIPTION
REV	DATE	DESCRIPTION

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CHARTERED ENGINEERS

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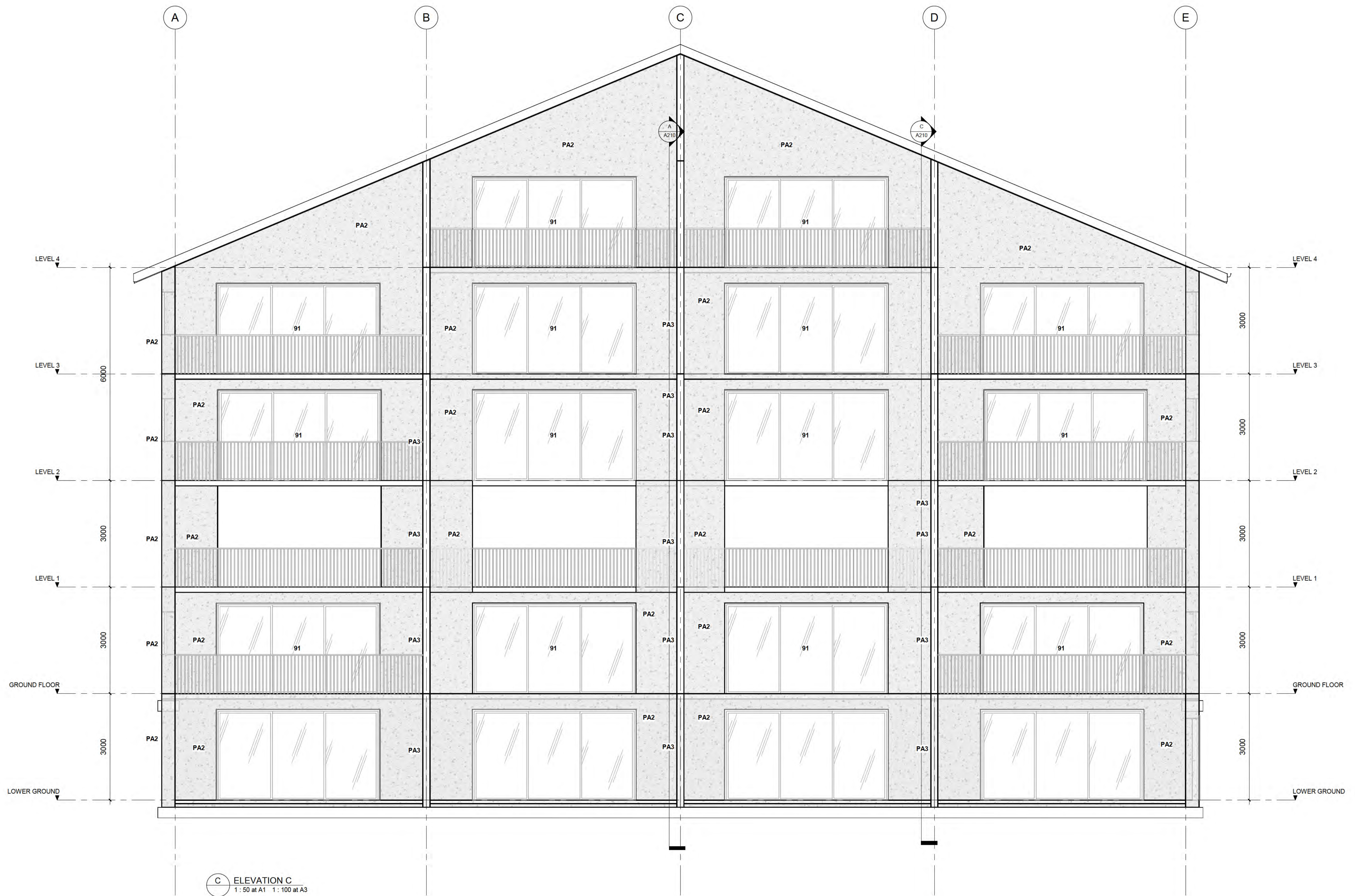
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CLIENT BOWEN PEAK LIMITED	DRAWING ROOF PLAN
PROJECT MULTI-UNIT DEVELOPMENT TYPE 1	DRAWN: D. PENILO
	CHECKED: D. PENILO
	PROJECT NUMBER: SF24075
	SCALE/S: 1:50 @ A1
	DATE:
	DRAWING NUMBER: A107
	REV. 1



C ELEVATION C
1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

6/10/2025 2:36:47 pm



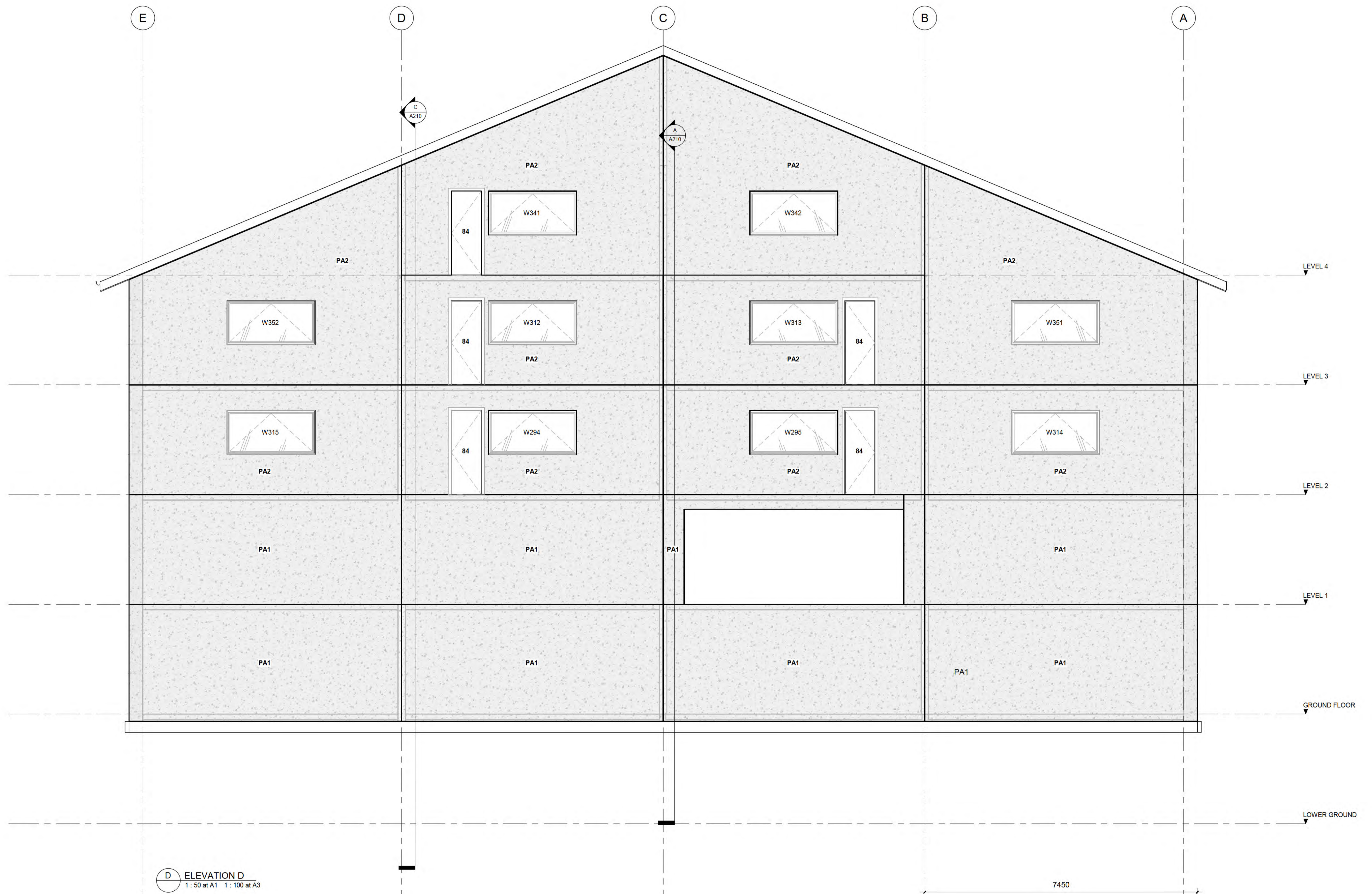
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CLIENT BOWEN PEAK LIMITED		DRAWING ELEVATIONS	
PROJECT MULTI-UNIT DEVELOPMENT TYPE 1		DRAWN: D. PENILO	CHECKED: D. PENILO
SCALE/S: 1: 50 @ A1		PROJECT NUMBER: SF24075	DRAWING NUMBER: A201
		DATE:	REV: 1



D ELEVATION D
 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
		DESCRIPTION

THE STRUCTURAL FIRM
 CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN
 E: hello@thestructuralfirm.co.nz

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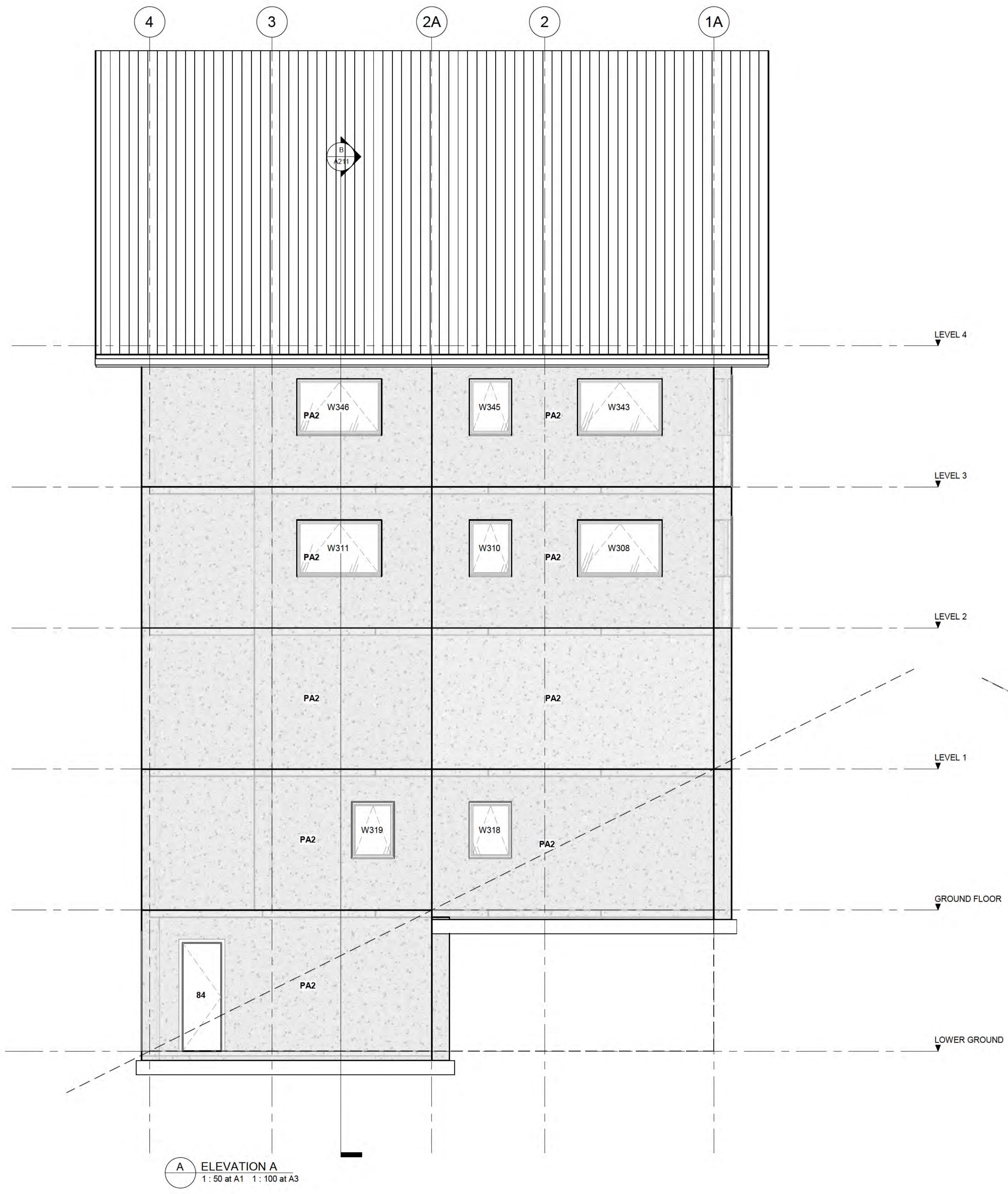


CLIENT
BOWEN PEAK LIMITED

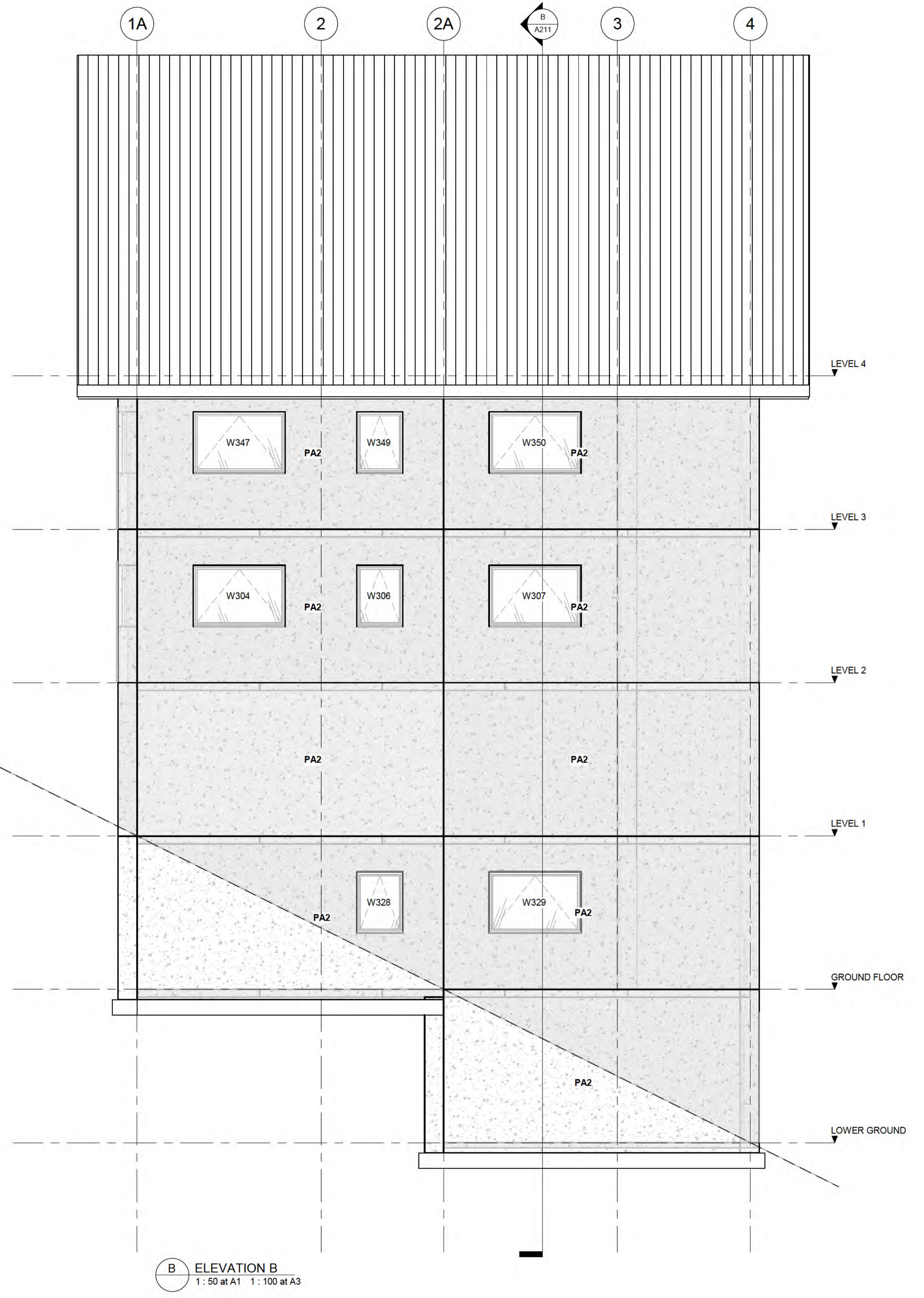
PROJECT
MULTI-UNIT DEVELOPMENT TYPE 1

DRAWING
ELEVATIONS

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A202
		REV. 1



A ELEVATION A
1: 50 at A1 1: 100 at A3



B ELEVATION B
1: 50 at A1 1: 100 at A3

AMENDMENTS		
REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

THE STRUCTURAL FIRM CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN E: hello@thestructuralfirm.co.nz
M: PO BOX 2115, WAKATIPU W: www.thestructuralfirm.co.nz

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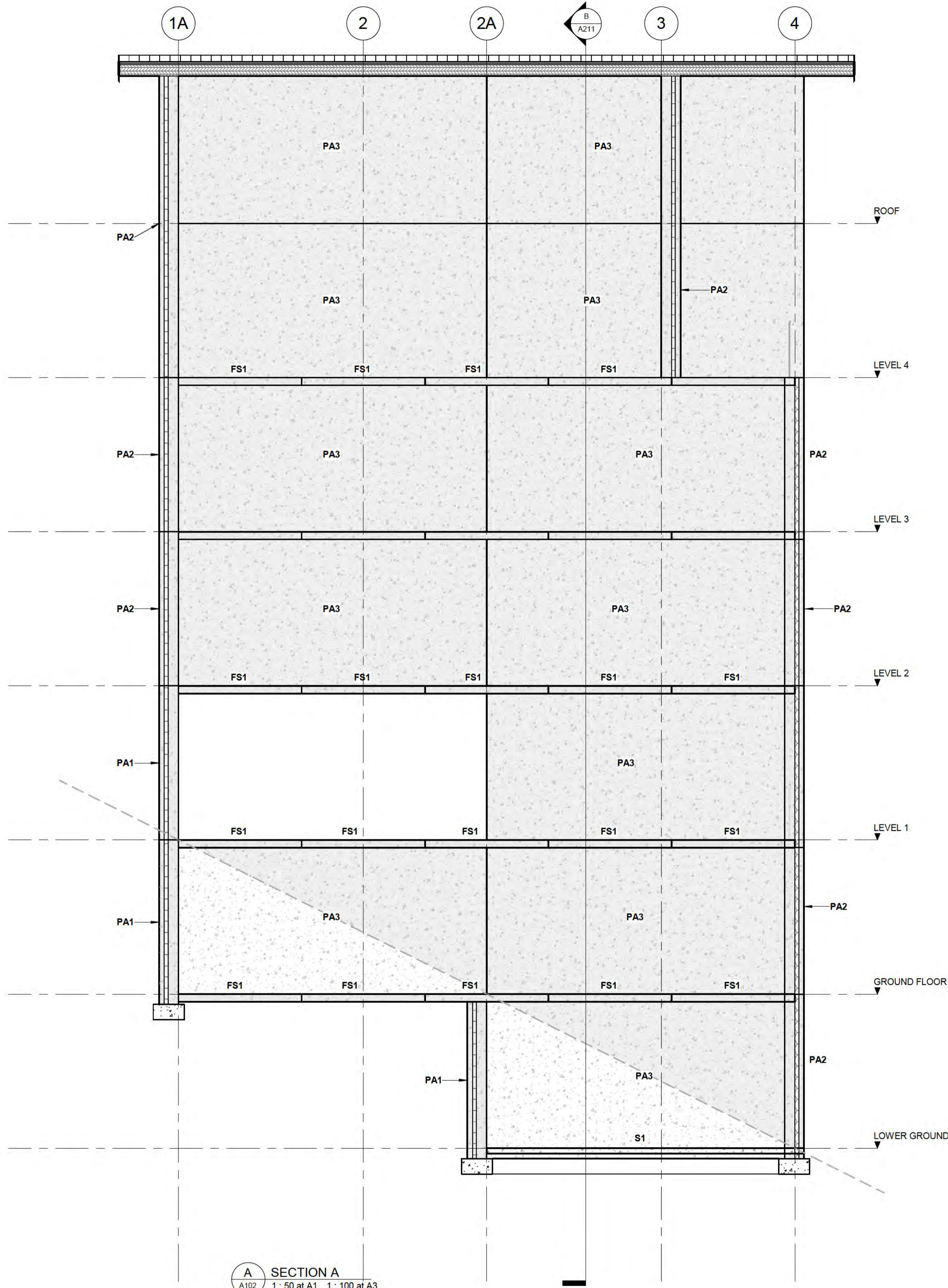


CLIENT BOWEN PEAK LIMITED
PROJECT MULTI-UNIT DEVELOPMENT TYPE 1

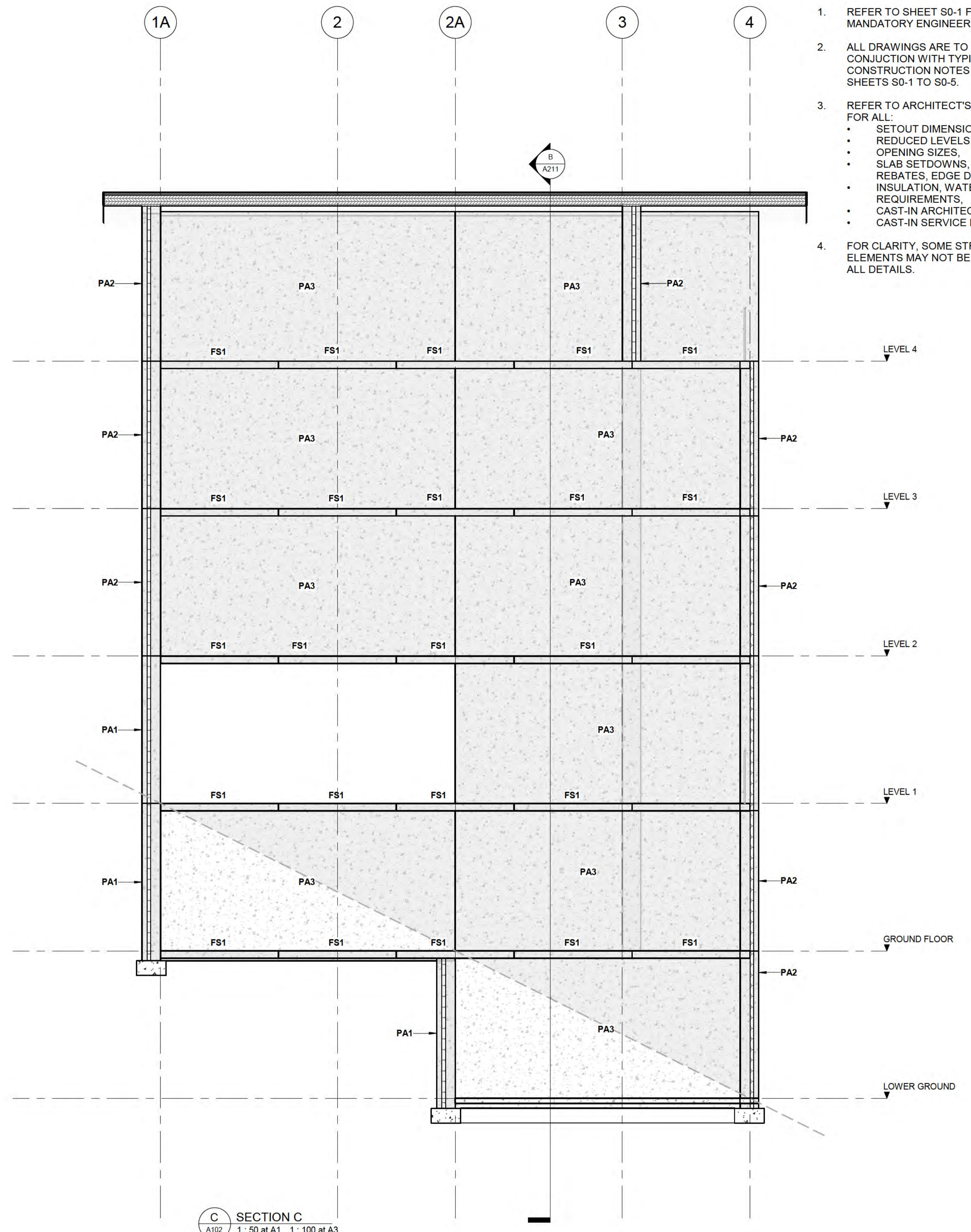
DRAWING ELEVATIONS	
DRAWN: D. PENILO	CHECKED: D. PENILO
SCALE/S: 1: 50 @ A1	PROJECT NUMBER: SF24075
	DRAWING NUMBER: A203
	REV: 1

GENERAL NOTES

1. REFER TO SHEET S0-1 FOR MANDATORY ENGINEER INSPECTIONS.
2. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH TYPICAL CONSTRUCTION NOTES FOUND ON SHEETS S0-1 TO S0-5.
3. REFER TO ARCHITECT'S DRAWINGS FOR ALL:
 - SETOUT DIMENSIONS,
 - REDUCED LEVELS,
 - OPENING SIZES,
 - SLAB SETDOWNS, FALLS,
 - REBATES, EDGE DETAILS,
 - INSULATION, WATERPROOFING REQUIREMENTS,
 - CAST-IN ARCHITECTURAL ITEMS
 - CAST-IN SERVICE FIXTURES.
4. FOR CLARITY, SOME STRUCTURAL ELEMENTS MAY NOT BE SHOWN ON ALL DETAILS.



A SECTION A
A102 1: 50 at A1 1: 100 at A3



C SECTION C
A102 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
		DESCRIPTION

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CHARTERED ENGINEERS

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PROJECT
MULTI-UNIT DEVELOPMENT TYPE 1

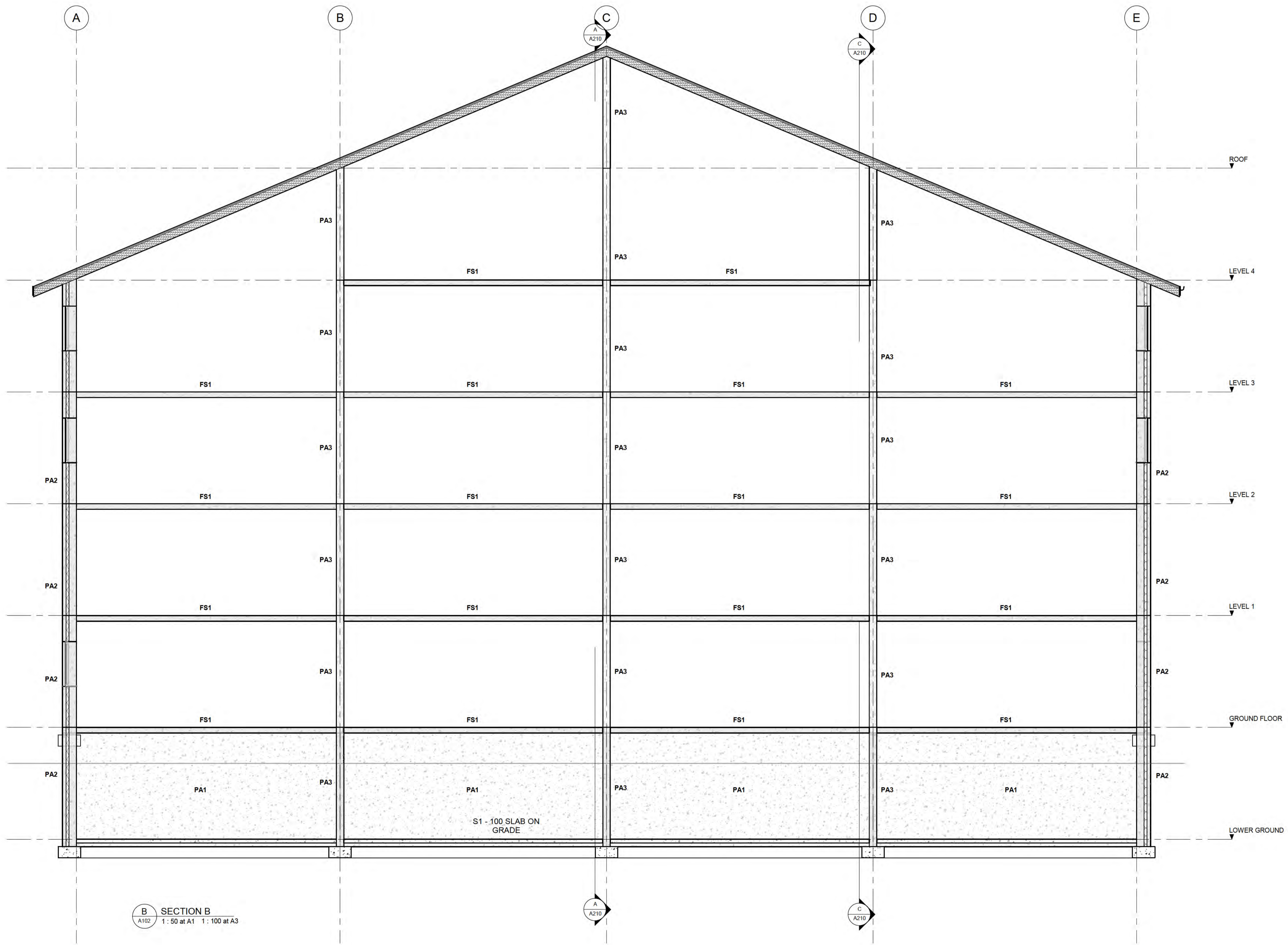
DRAWING
SECTIONS

DRAWN: D. PENILO
SCALE/S: 1: 50 @ A1

CHECKED: D. PENILO
DATE:

PROJECT NUMBER: SF24075
DRAWING NUMBER: A210

REV: 1



B SECTION B
 A102 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

REV	DATE	DESCRIPTION
1	6/10/2025 2:36:50 pm	



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PROJECT
MULTI-UNIT DEVELOPMENT TYPE 1

DRAWING
SECTIONS

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A211
		REV: 1

PROJECT NUMBER

SF24075

CLIENT

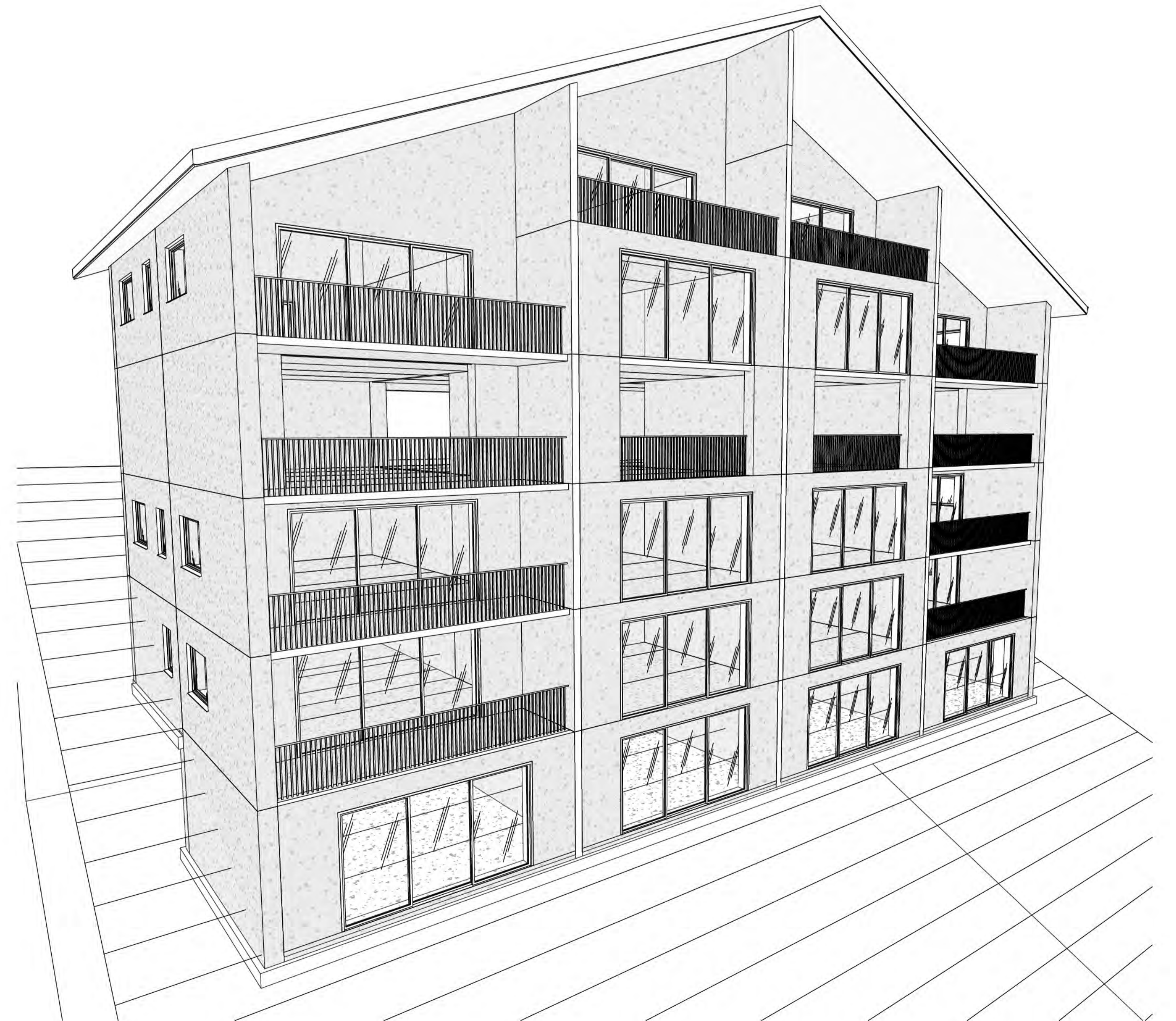
BOWEN PEAK LIMITED

PROJECT

MULTI-UNIT DEVELOPMENT TYPE 2

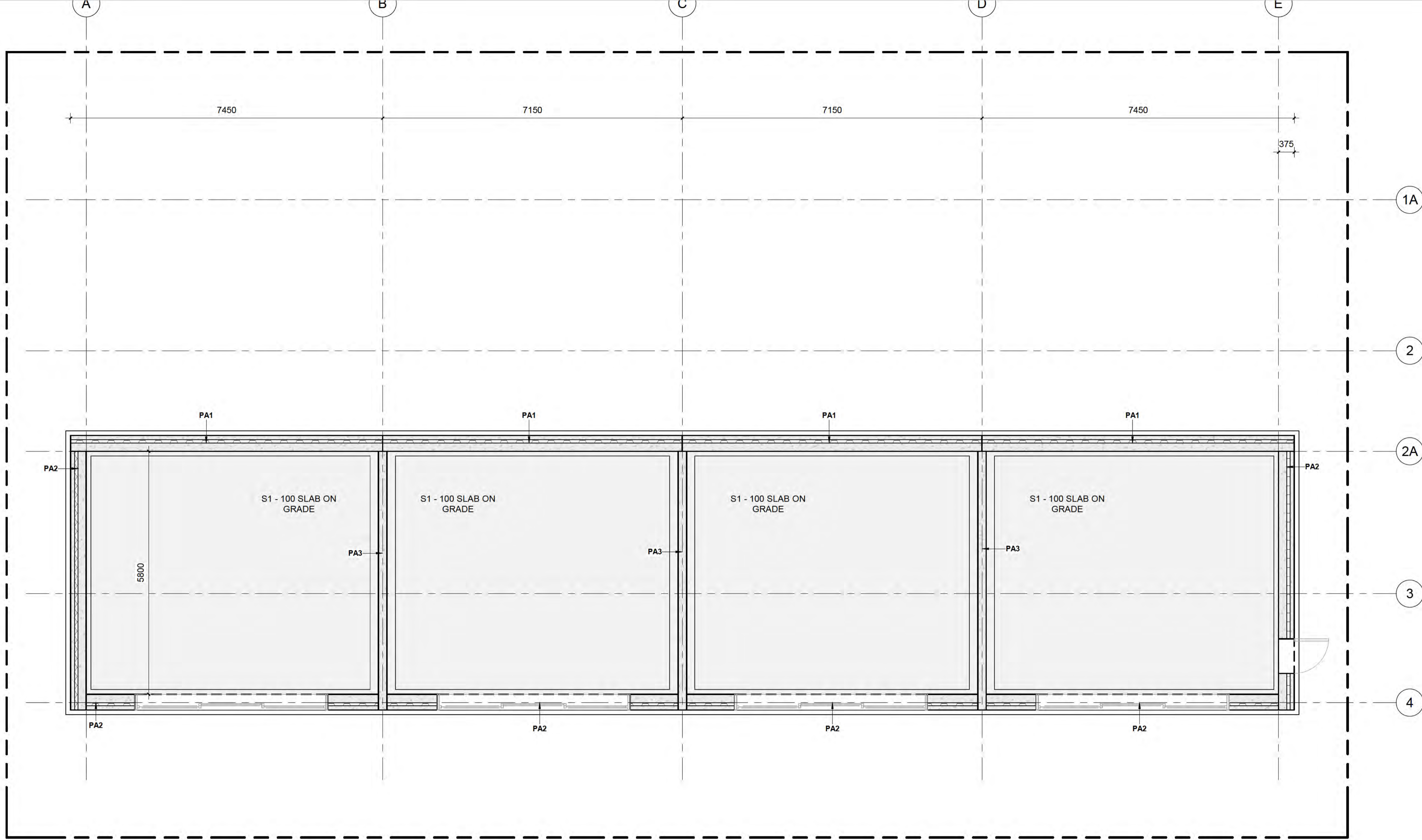
DRAWING LIST

DWG. NO.	DRAWING TITLE	REV.
A000	COVER SHEET	1
A101	LOWER GROUND FLOOR PLAN	1
A102	GROUND FLOOR PLAN	1
A103	LEVEL 1	1
A104	LEVEL 2 PLAN	1
A105	LEVEL 3 PLAN	1
A106	LEVEL 4 PLAN	1
A107	ROOF PLAN	1
A201	ELEVATIONS	1
A202	ELEVATIONS	1
A203	ELEVATIONS	1
A210	SECTIONS	1
A211	SECTIONS	1



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1 GARAGE LEVEL
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	55
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

AMENDMENTS

1	DATE	DESCRIPTION

THE STRUCTURAL FIRM
CHARTERED ENGINEERS

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M: PO BOX 2115, WAKATIPU
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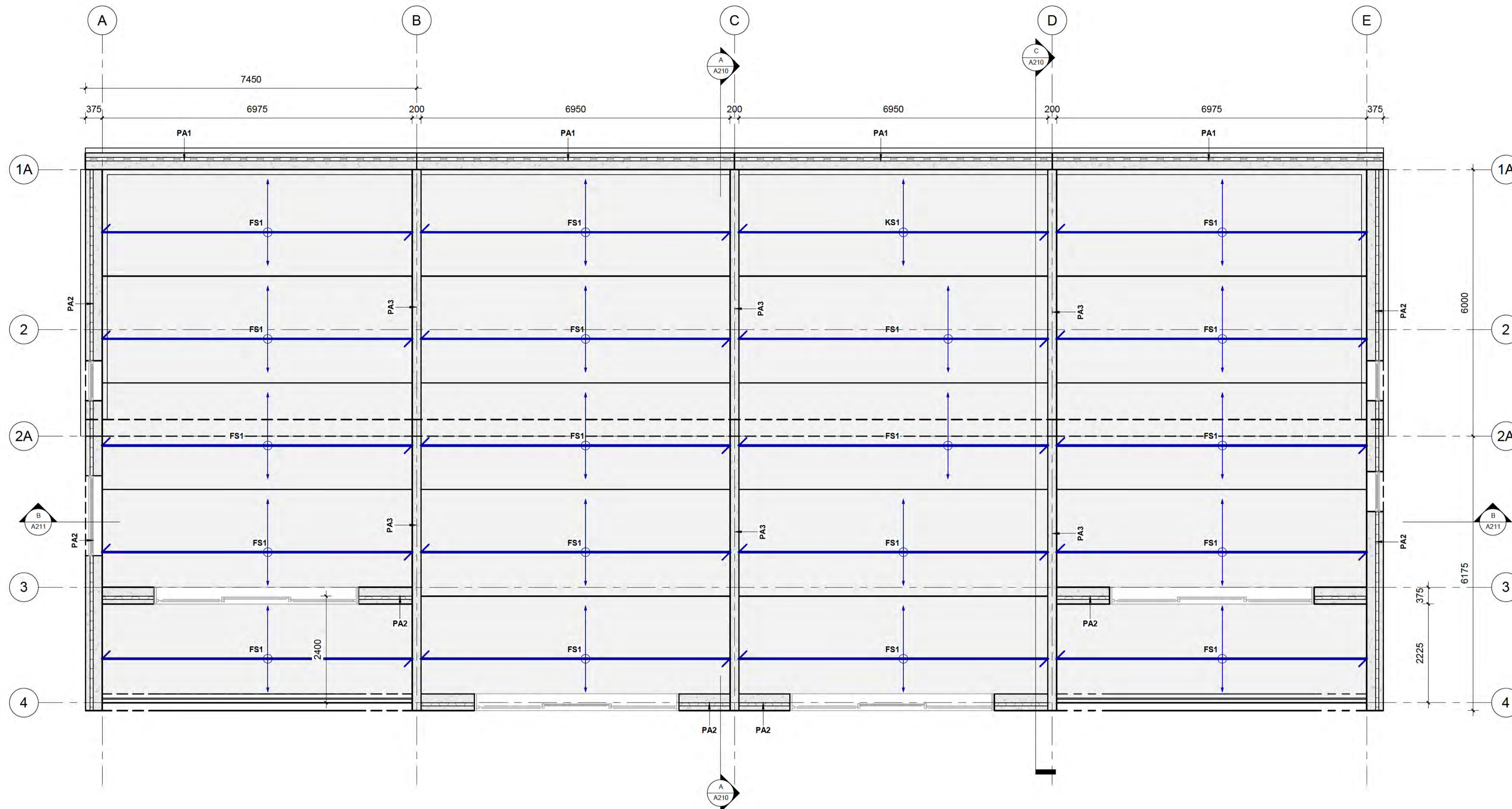


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
LOWER GROUND FLOOR PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075	REV. 1
SCALE/S: 1: 50	@ A1	DRAWING NUMBER: A101	



Window Schedule

Mark	Count	Height	Width
W312	1	1200	2400
W313	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
Grand total:	22		

1 GROUND FLOOR GA PLAN
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	4	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	55
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS

1	DATE	SCHEMATIC DESIGN DESCRIPTION
REV	DATE	DESCRIPTION



THE STRUCTURAL FIRM
CHARTERED ENGINEERS

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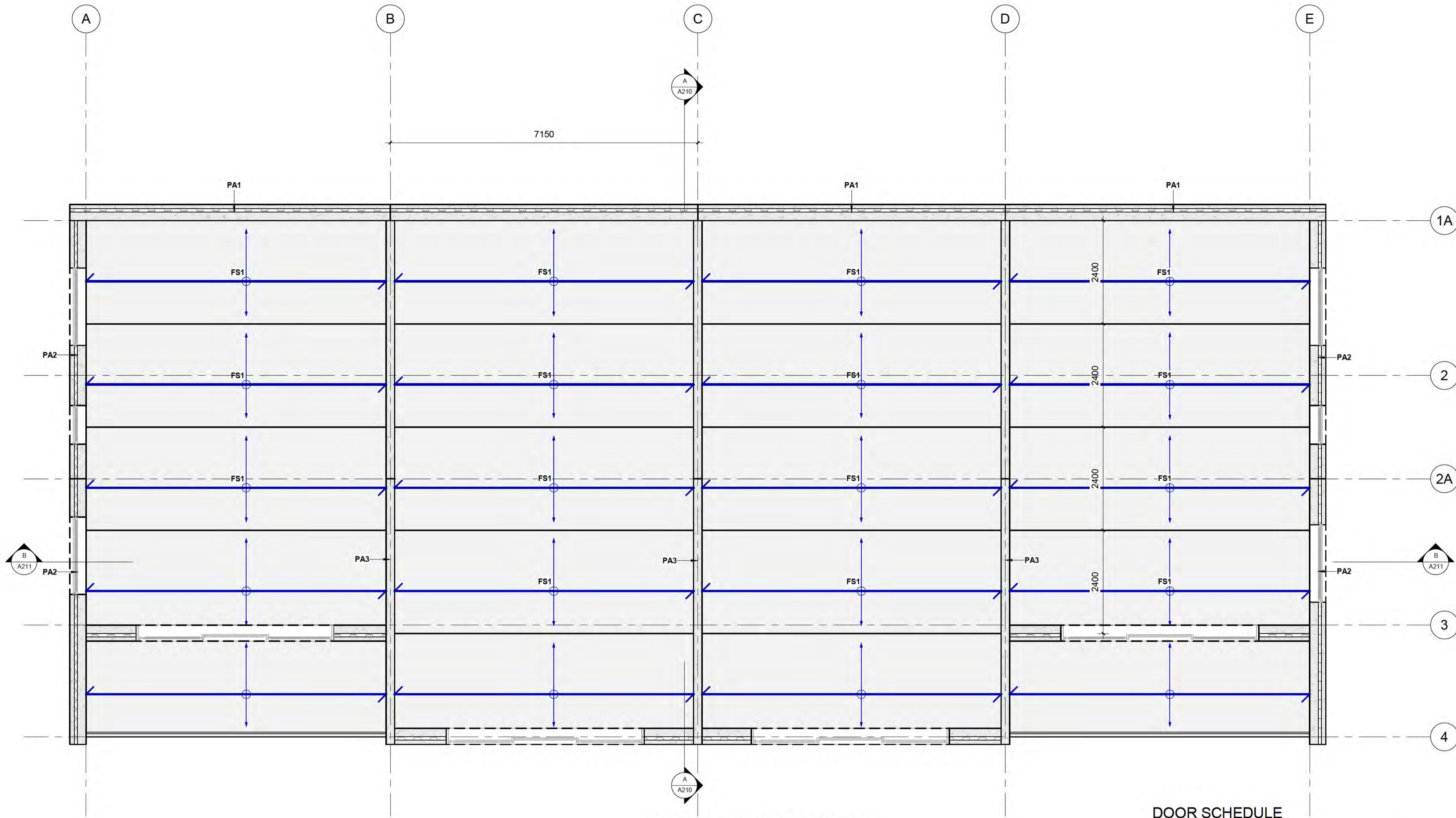


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
GROUND FLOOR PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A102
		REV: 1



1 LEVEL 1 PLAN
1: 50 at A1 1: 100 at A3

Window Schedule

Mark	Count	Height	Width
W312	1	1200	2400
W313	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
Grand total:	22		

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	4	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	55
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

THE STRUCTURAL FIRM
CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN
E: hello@thestructuralfirm.co.nz

M: PO BOX 2115, WAKATIPU
W: www.thestructuralfirm.co.nz

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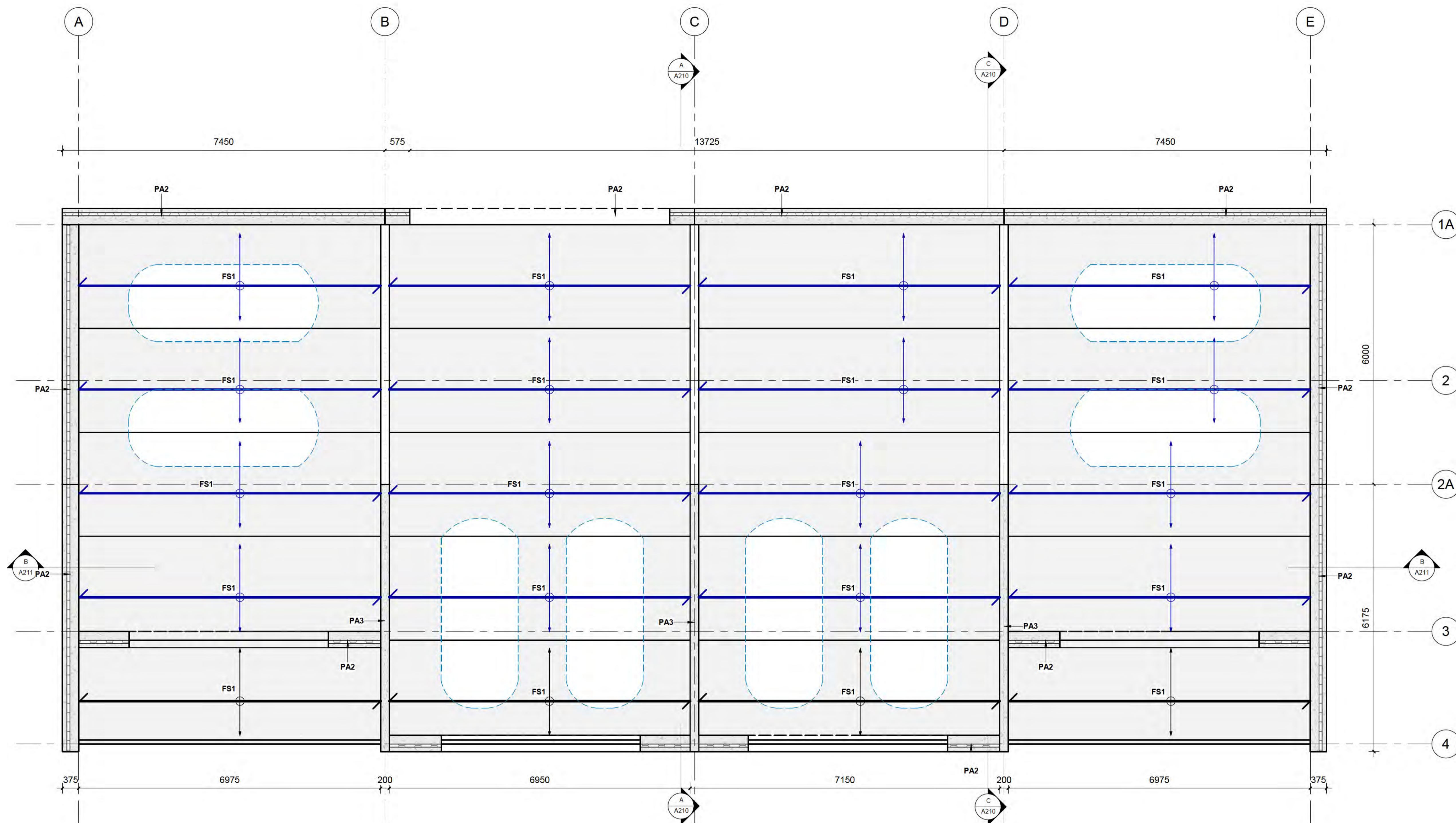


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
LEVEL 1

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075	DRAWING NUMBER: A103	REV: 1
SCALE/S: 1: 50	@ A1	DATE:		



2 LEVEL 1 PLAN
1: 50 at A1 1: 100 at A3

Window Schedule

Mark	Count	Height	Width
W312	1	1200	2400
W313	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
Grand total:	22		

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	4	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	55
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

MATERIAL TAKE-OFF AND QUANTITIES DISCLAIMER:

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AMENDMENTS		
1	DATE	DESCRIPTION

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CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
LEVEL 2 PLAN

DRAWN: D. PENILO
SCALE: 1: 50 @ A1

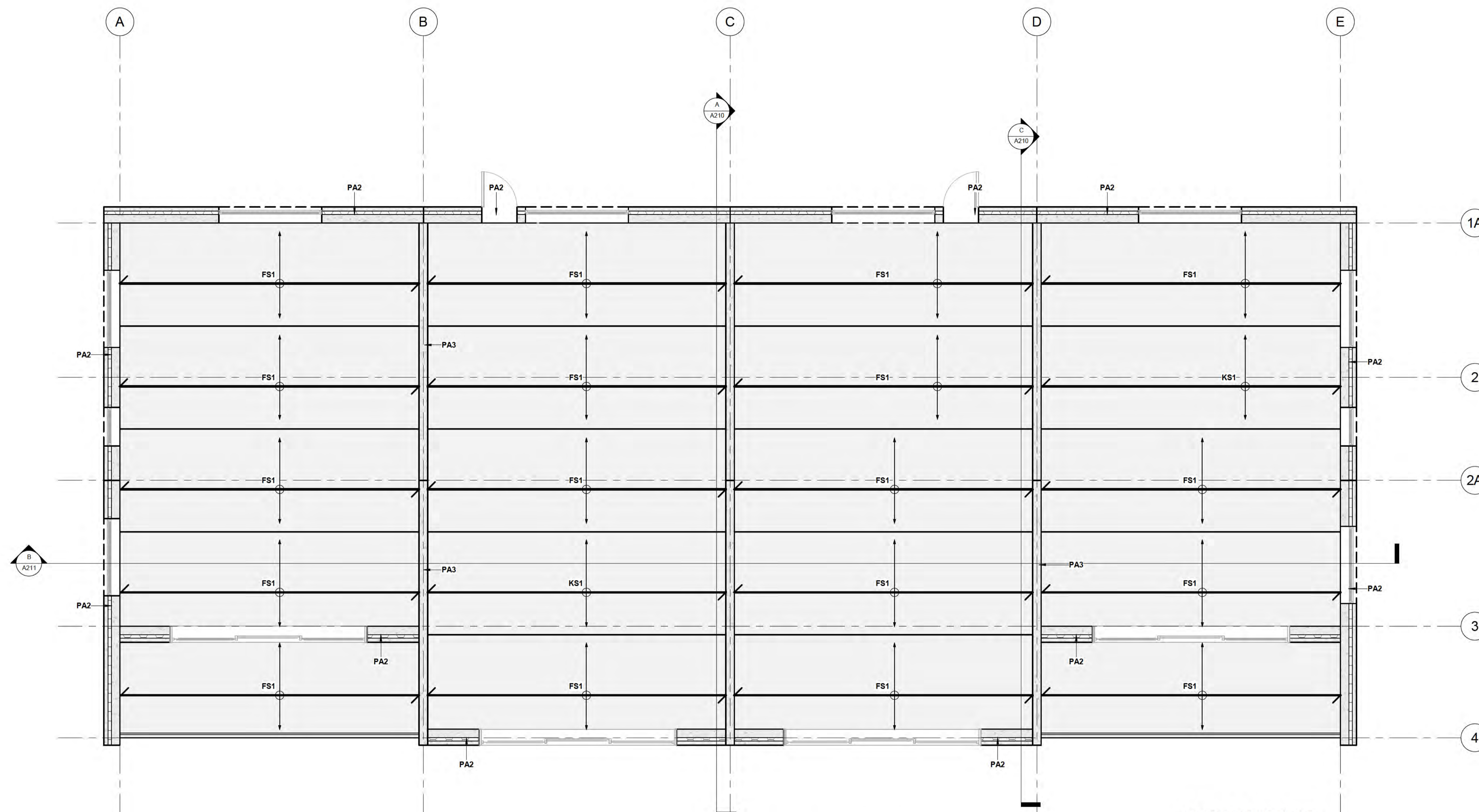
CHECKED: D. PENILO
DATE:

PROJECT NUMBER: **SF24075**
DRAWING NUMBER: **A104**

REV: **1**

Window Schedule

Mark	Count	Height	Width
W312	1	1200	2400
W313	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
Grand total:	22		



1 LEVEL 3
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	4	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	55
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

THE STRUCTURAL FIRM
CHARTERED ENGINEERS

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E: hello@thestructuralfirm.co.nz

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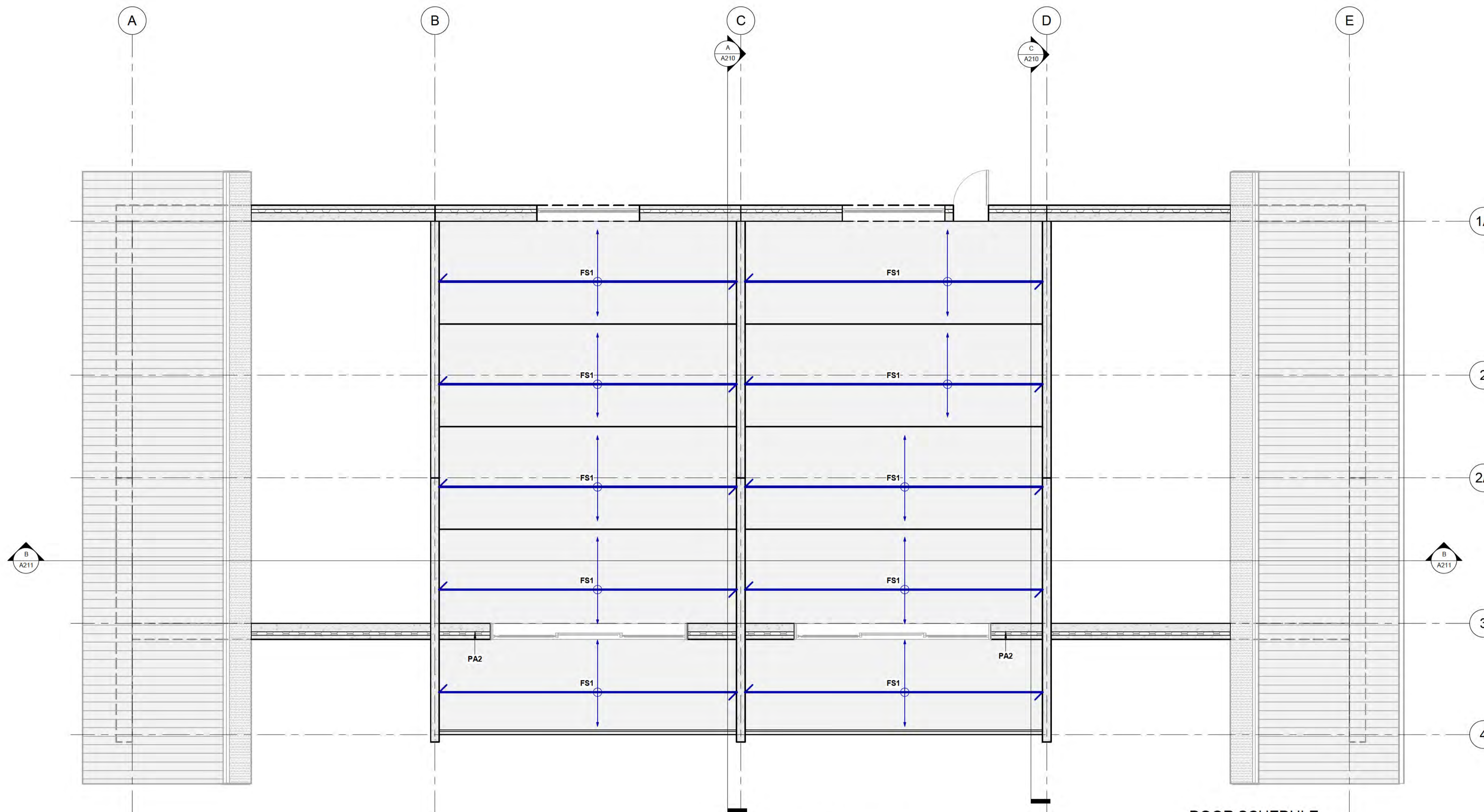
PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
LEVEL 3 PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A105
		REV: 1

Window Schedule

Mark	Count	Height	Width
W312	1	1200	2400
W313	1	1200	2400
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W343	1	1200	1800
W345	1	1200	900
W346	1	1200	1800
W347	1	1200	1800
W349	1	1200	900
W350	1	1200	1800
W351	1	1200	2400
W352	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
Grand total:	22		



1 LEVEL 4
1:50 at A1 1:100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	4	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	55
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		100

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS

1	DATE	SCHEMATIC DESIGN DESCRIPTION
REV	DATE	DESCRIPTION



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CHARTERED ENGINEERS

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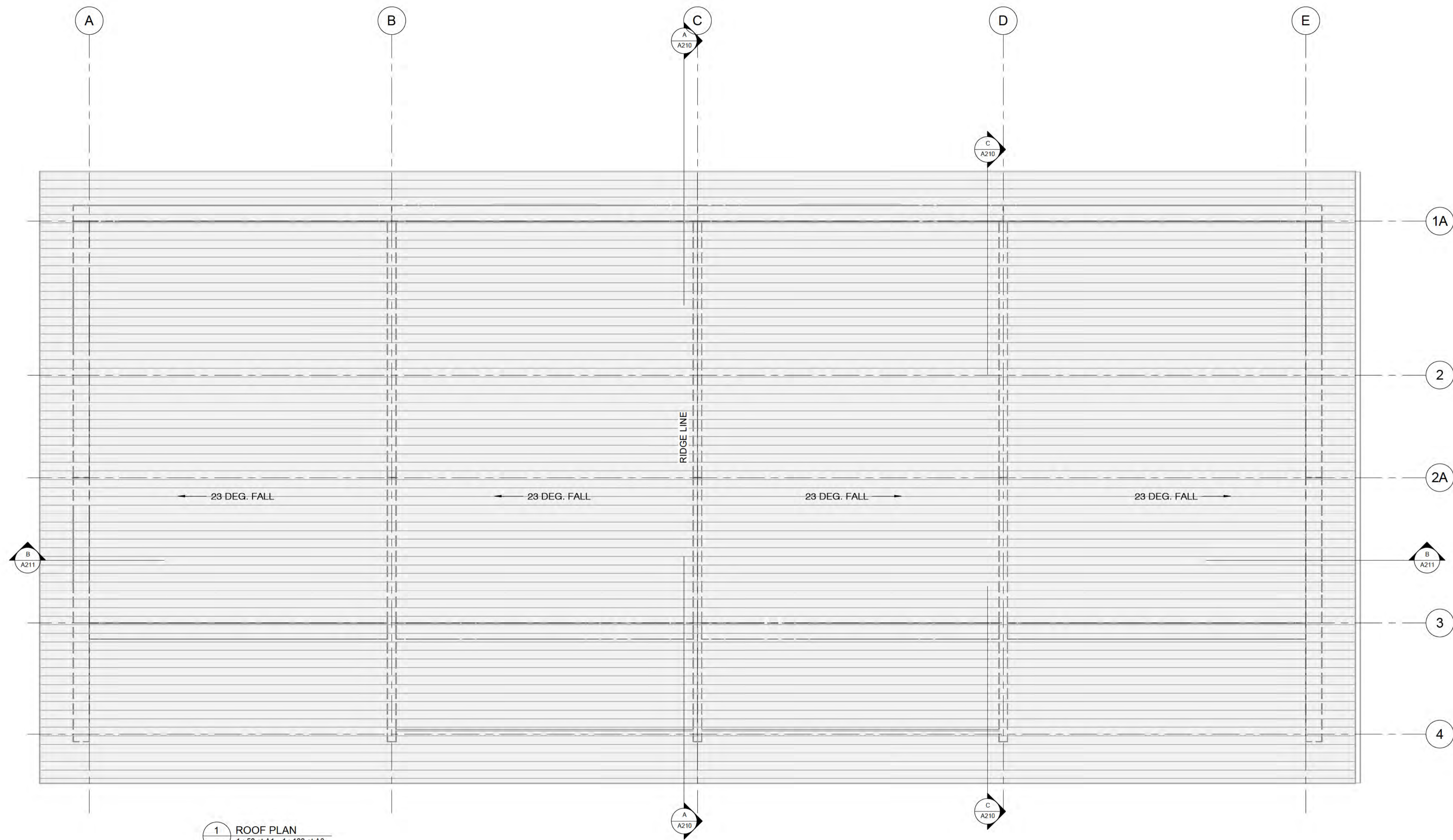


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
LEVEL 4 PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1:50 @ A1	DATE:	DRAWING NUMBER: A106
		REV: 1



1 ROOF PLAN
1:50 at A1 1:100 at A3

ROOF SCHEDULE		
Type Mark	Description	Area
ROOF	MAIN ROOF	477 m ²

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AMENDMENTS

1	DATE	SCHEMATIC DESIGN DESCRIPTION
REV	DATE	DESCRIPTION

THE STRUCTURAL FIRM
CHARTERED ENGINEERS

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E: hello@thestructuralfirm.co.nz

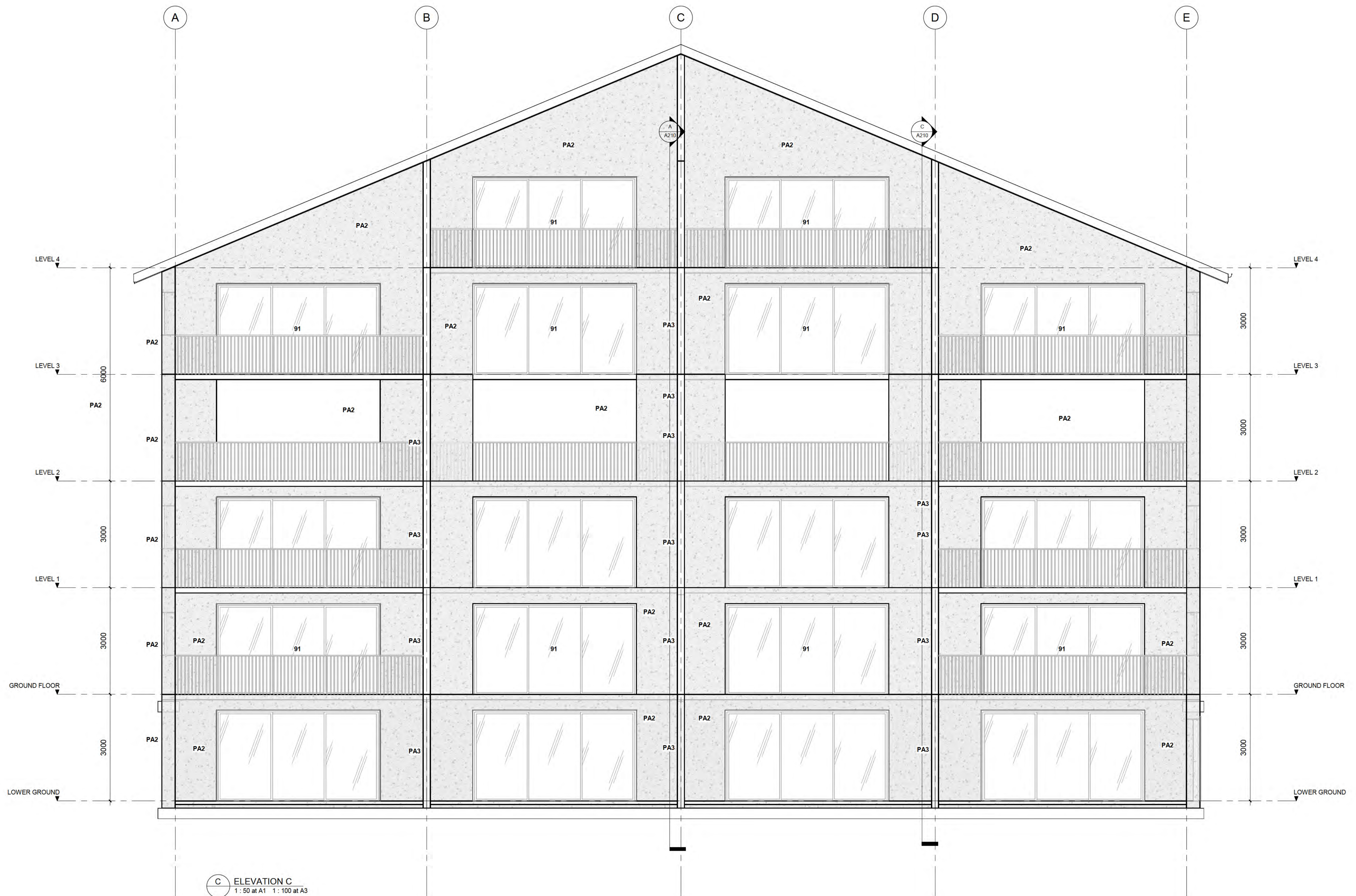
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CLIENT BOWEN PEAK LIMITED	DRAWING ROOF PLAN
PROJECT MULTI-UNIT DEVELOPMENT TYPE 2	DRAWN: D. PENILO
	CHECKED: D. PENILO
	PROJECT NUMBER: SF24075
	SCALE/S: 1:50 @ A1
	DATE:
	DRAWING NUMBER: A107
	REV. 1

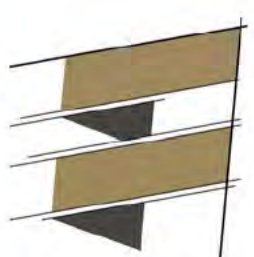


C ELEVATION C
1 : 50 at A1 1 : 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

REV	DATE	DESCRIPTION
1	6/10/2025 4:19:56 pm	



THE STRUCTURAL FIRM
CHARTERED ENGINEERS

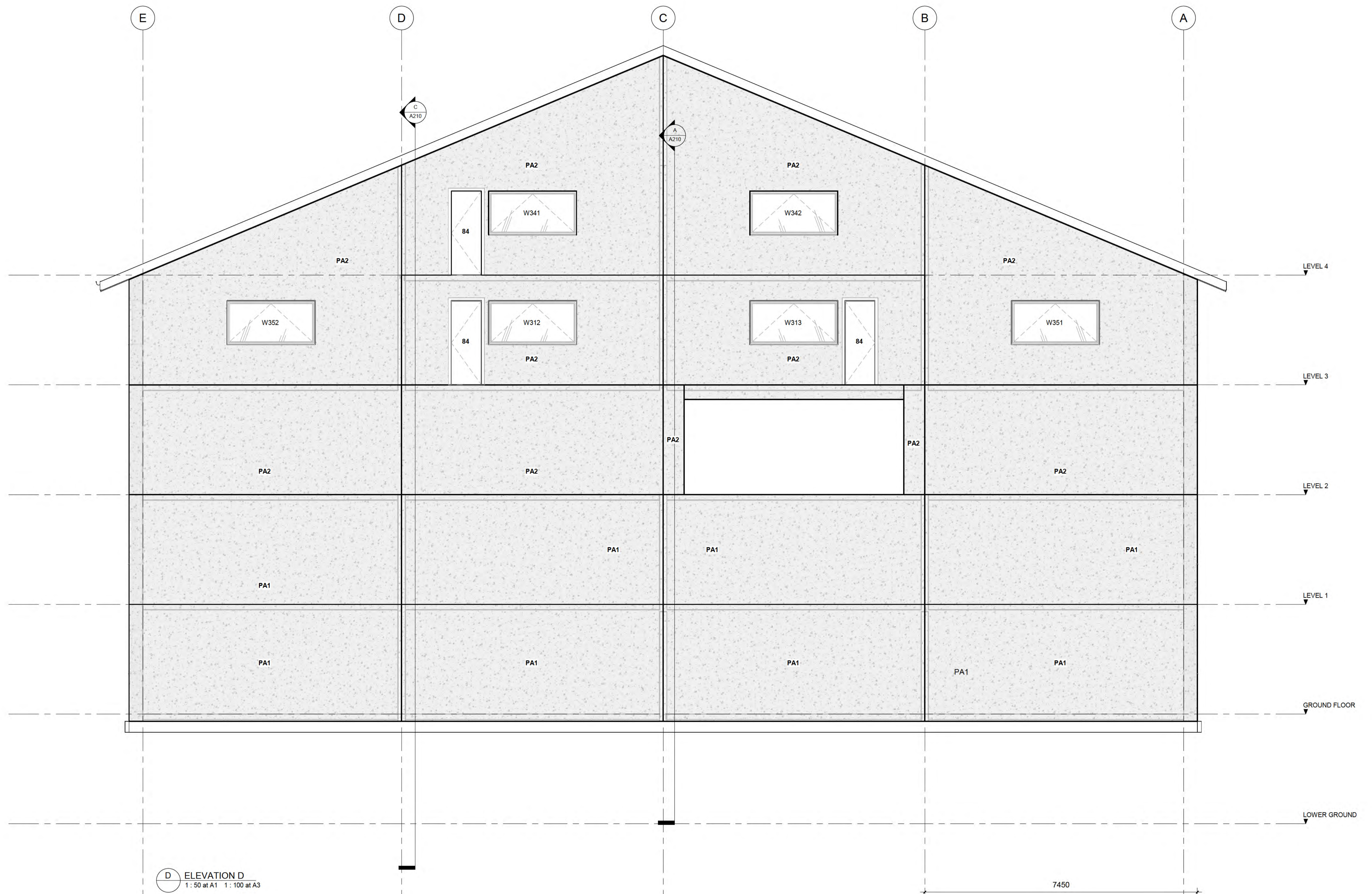
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CLIENT BOWEN PEAK LIMITED		DRAWING ELEVATIONS	
PROJECT MULTI-UNIT DEVELOPMENT TYPE 2		DRAWN: D. PENILO	CHECKED: D. PENILO
SCALE/S: 1 : 50 @ A1		PROJECT NUMBER: SF24075	DRAWING NUMBER: A201
		DATE:	REV: 1



D ELEVATION D
 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
		DESCRIPTION

THE STRUCTURAL FIRM CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN
 E: hello@thestructuralfirm.co.nz

M: PO BOX 2115, WAKATIPU
 W: www.thestructuralfirm.co.nz

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CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
ELEVATIONS

DRAWN:
 D. PENILO

CHECKED:
 D. PENILO

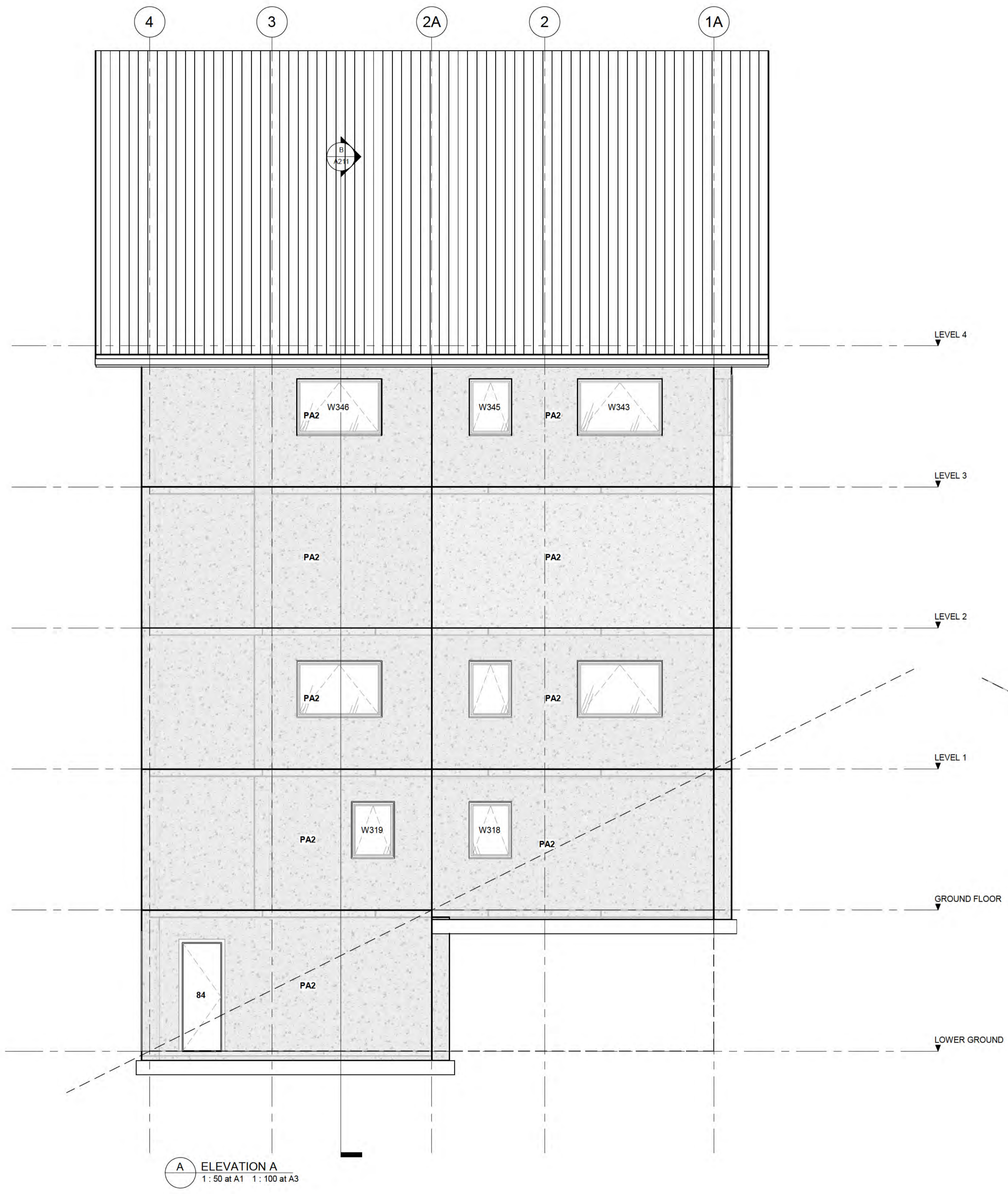
PROJECT NUMBER
SF24075

SCALE/S:
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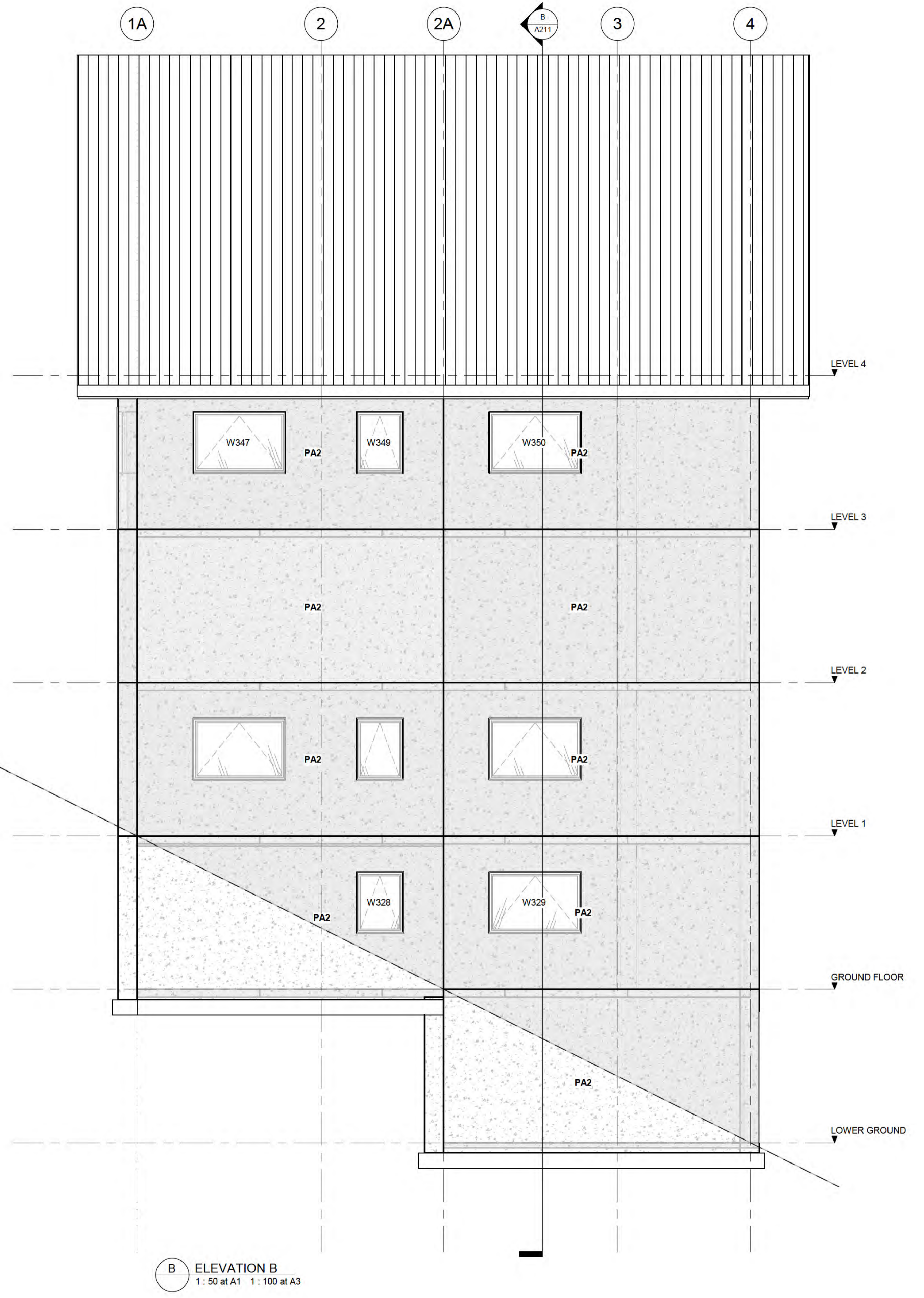
DATE:

DRAWING NUMBER
A202

REV.
1



A ELEVATION A
1: 50 at A1 1: 100 at A3



B ELEVATION B
1: 50 at A1 1: 100 at A3

AMENDMENTS		
REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

THE STRUCTURAL FIRM CHARTERED ENGINEERS

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M: PO BOX 2115, WAKATIPU
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PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

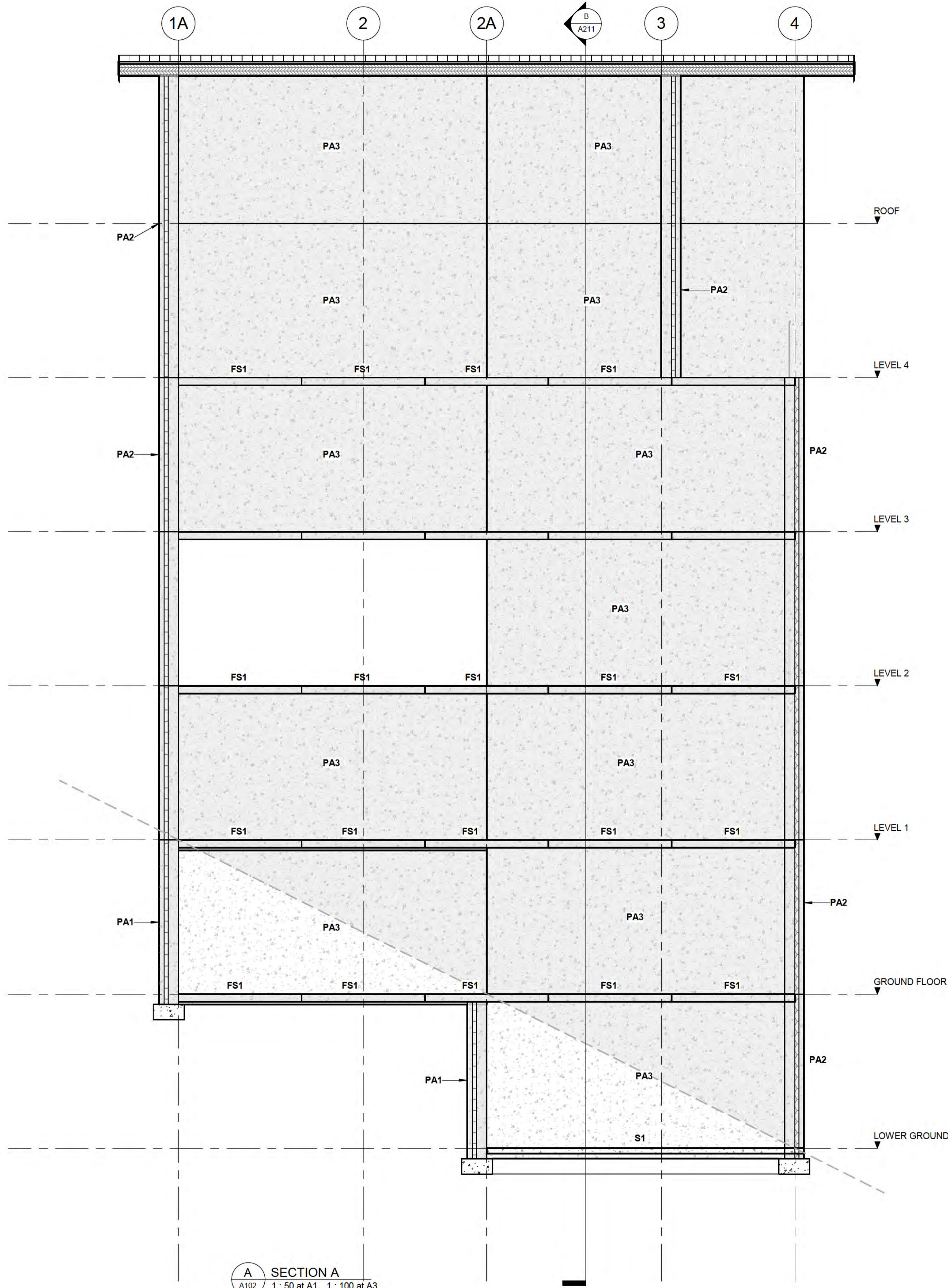
DRAWING
ELEVATIONS

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A203

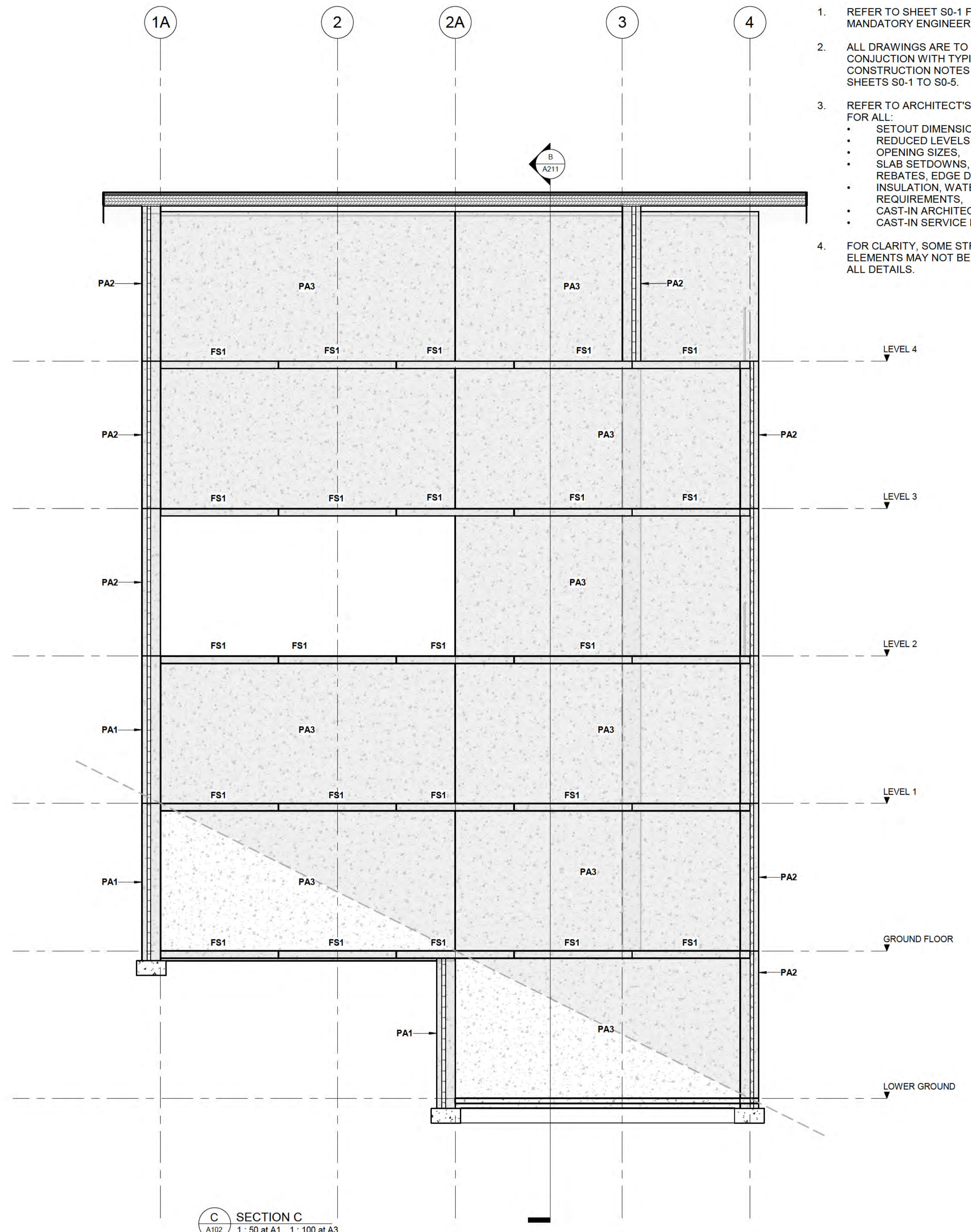
REV. 1

GENERAL NOTES

1. REFER TO SHEET S0-1 FOR MANDATORY ENGINEER INSPECTIONS.
2. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH TYPICAL CONSTRUCTION NOTES FOUND ON SHEETS S0-1 TO S0-5.
3. REFER TO ARCHITECT'S DRAWINGS FOR ALL:
 - SETOUT DIMENSIONS,
 - REDUCED LEVELS,
 - OPENING SIZES,
 - SLAB SETDOWNS, FALLS,
 - REBATES, EDGE DETAILS,
 - INSULATION, WATERPROOFING REQUIREMENTS,
 - CAST-IN ARCHITECTURAL ITEMS
 - CAST-IN SERVICE FIXTURES.
4. FOR CLARITY, SOME STRUCTURAL ELEMENTS MAY NOT BE SHOWN ON ALL DETAILS.



A SECTION A
A102 1: 50 at A1 1: 100 at A3



C SECTION C
A102 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

6/10/2025 4:19:57 pm	C:\Users\OEM\The Structural Firm\The Structural Firm - Documents\Projects\SF24000s\SF24075_Multi-Unit Development\Drawings\1. The Structural Firm\CAD\SF24075_AR_R25_Multi Unit Development LAYOUT T2.rvt
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CHARTERED ENGINEERS

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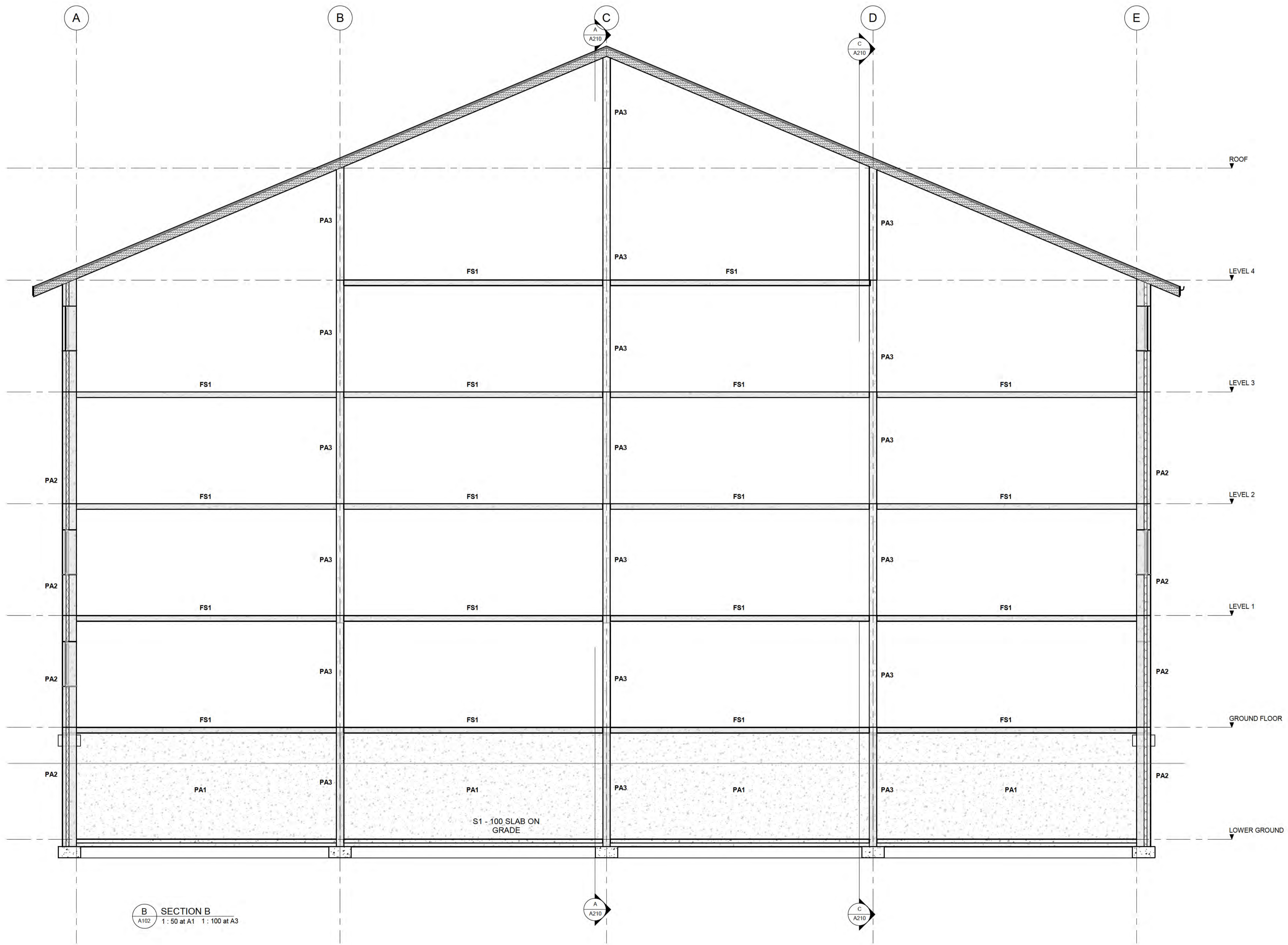
PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
SECTIONS

DRAWN: D. PENILO
SCALE/S: 1: 50 @ A1

CHECKED: D. PENILO
DATE:

PROJECT NUMBER: SF24075
DRAWING NUMBER: A210
REV: 1



B SECTION B
 A102 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

6/10/2025 4:19:58 pm

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CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 2

DRAWING
SECTIONS

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A211
		REV: 1

PROJECT NUMBER

SF24075

CLIENT

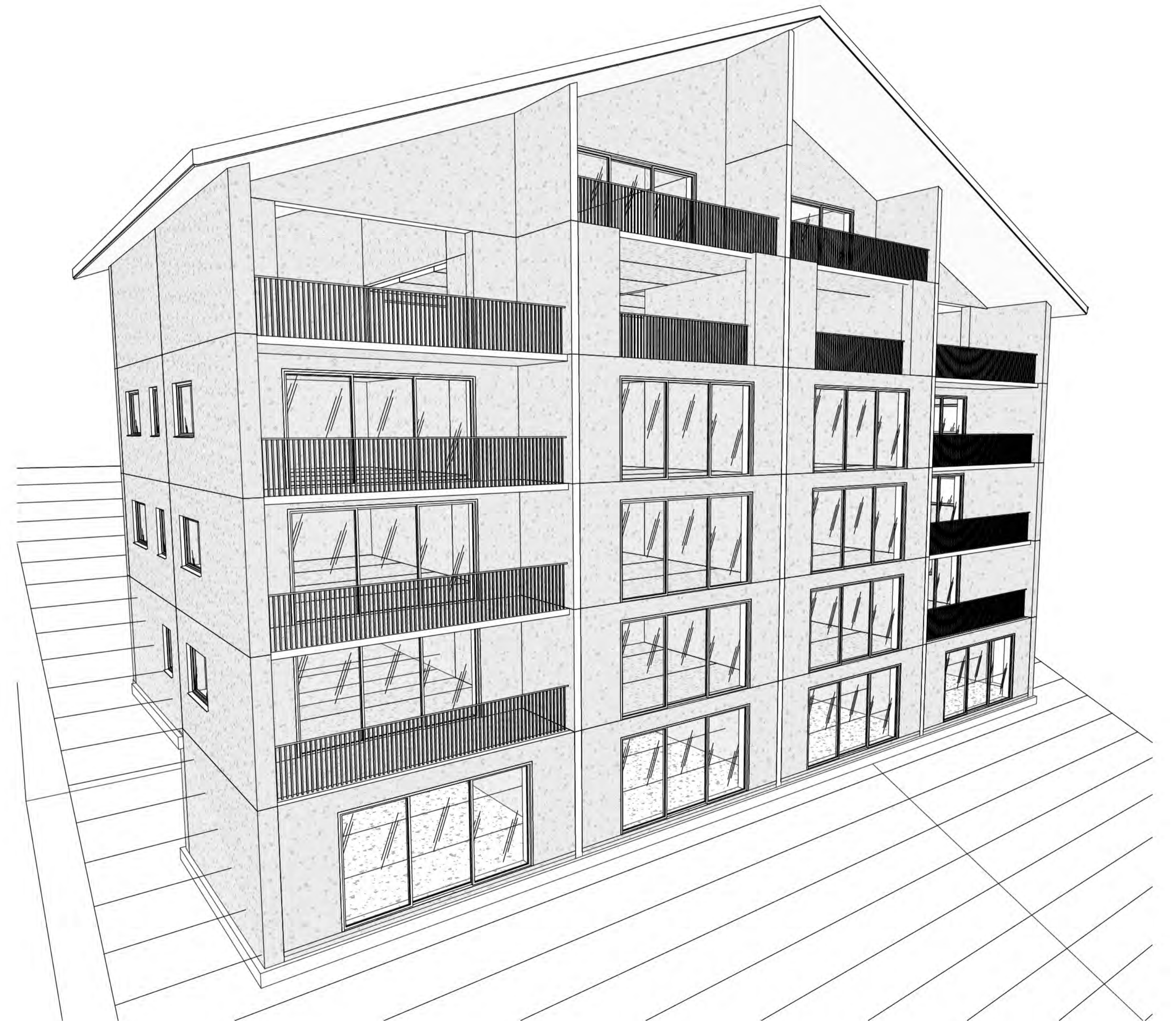
BOWEN PEAK LIMITED

PROJECT

MULTI-UNIT DEVELOPMENT TYPE 3

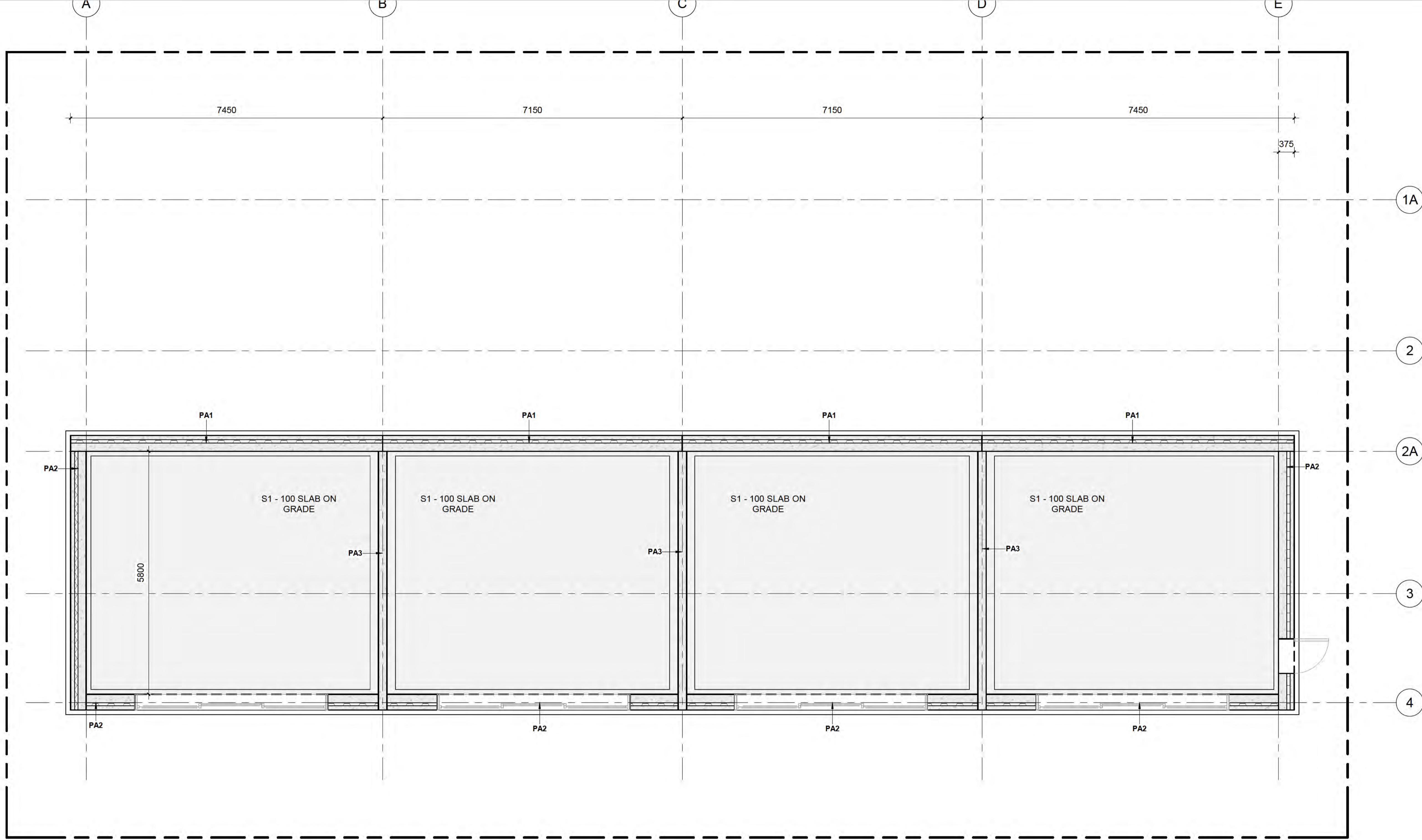
DRAWING LIST

DWG. NO.	DRAWING TITLE	REV.
A000	COVER SHEET	1
A101	LOWER GROUND FLOOR PLAN	1
A102	GROUND FLOOR PLAN	1
A103	LEVEL 1	1
A104	LEVEL 2 PLAN	1
A105	LEVEL 3 PLAN	1
A106	LEVEL 4 PLAN	1
A107	ROOF PLAN	1
A201	ELEVATIONS	1
A202	ELEVATIONS	1
A203	ELEVATIONS	1
A210	SECTIONS	1
A211	SECTIONS	1



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1 GARAGE LEVEL
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

STRUCTURAL SLAB SCHEDULE

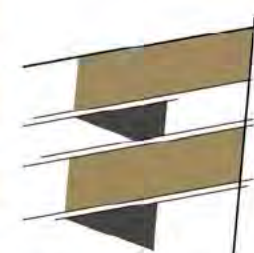
Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	57
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		102

AMENDMENTS

1	DATE	DESCRIPTION



THE STRUCTURAL FIRM
CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN
E: hello@thestructuralfirm.co.nz

M: PO BOX 2115, WAKATIPU
W: www.thestructuralfirm.co.nz

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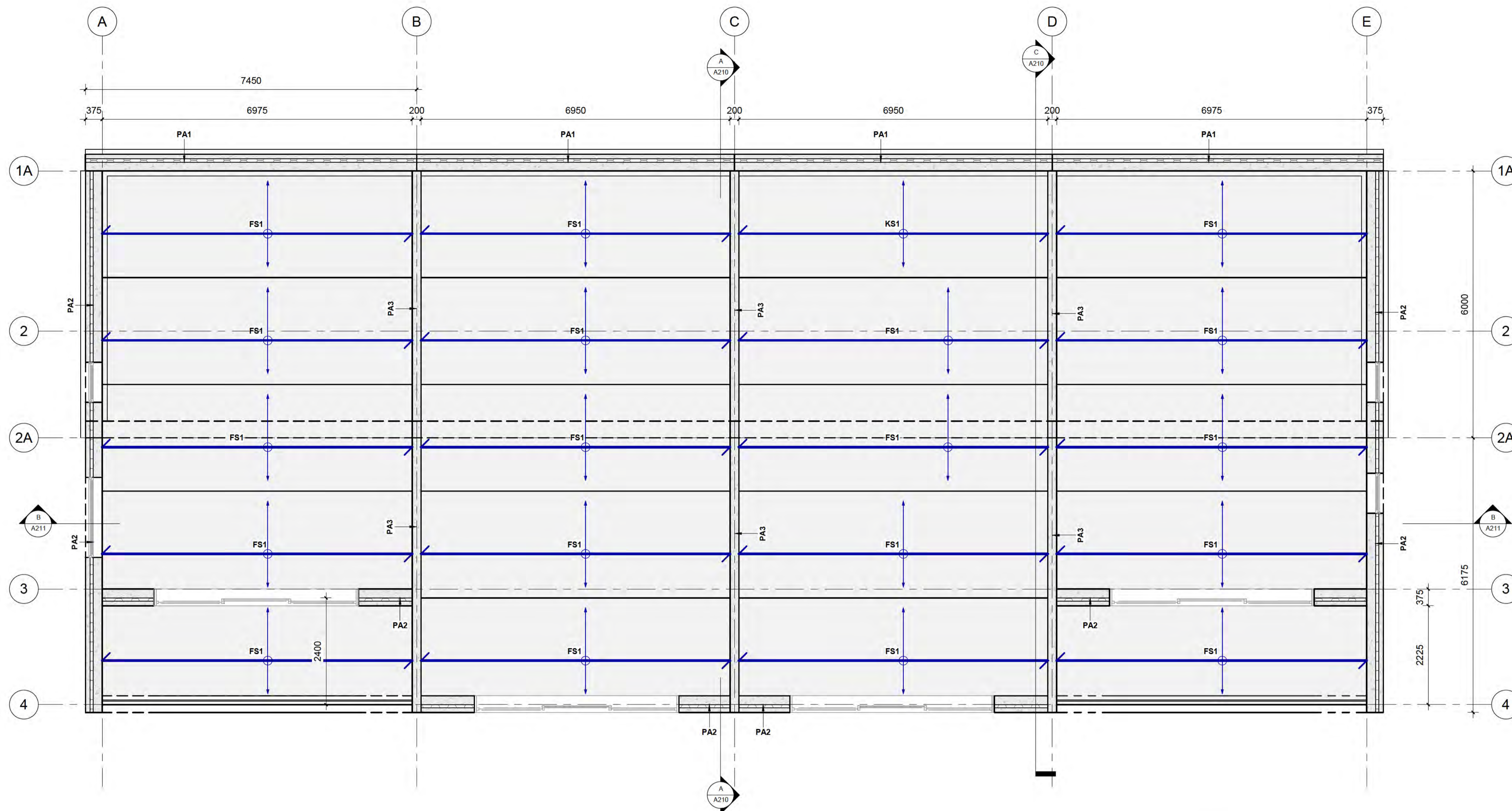
CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 3

DRAWING
LOWER GROUND FLOOR PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50	DATE: @ A1	DRAWING NUMBER: A101

REV.
1



Window Schedule

Mark	Count	Height	Width
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
W375	1	1200	1800
W376	1	1200	900
W377	1	1200	1800
W378	1	1200	1800
W379	1	1200	900
W380	1	1200	1800
Grand total:	18		

1 GROUND FLOOR GA PLAN
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	2	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	57
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		102

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

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CHARTERED ENGINEERS

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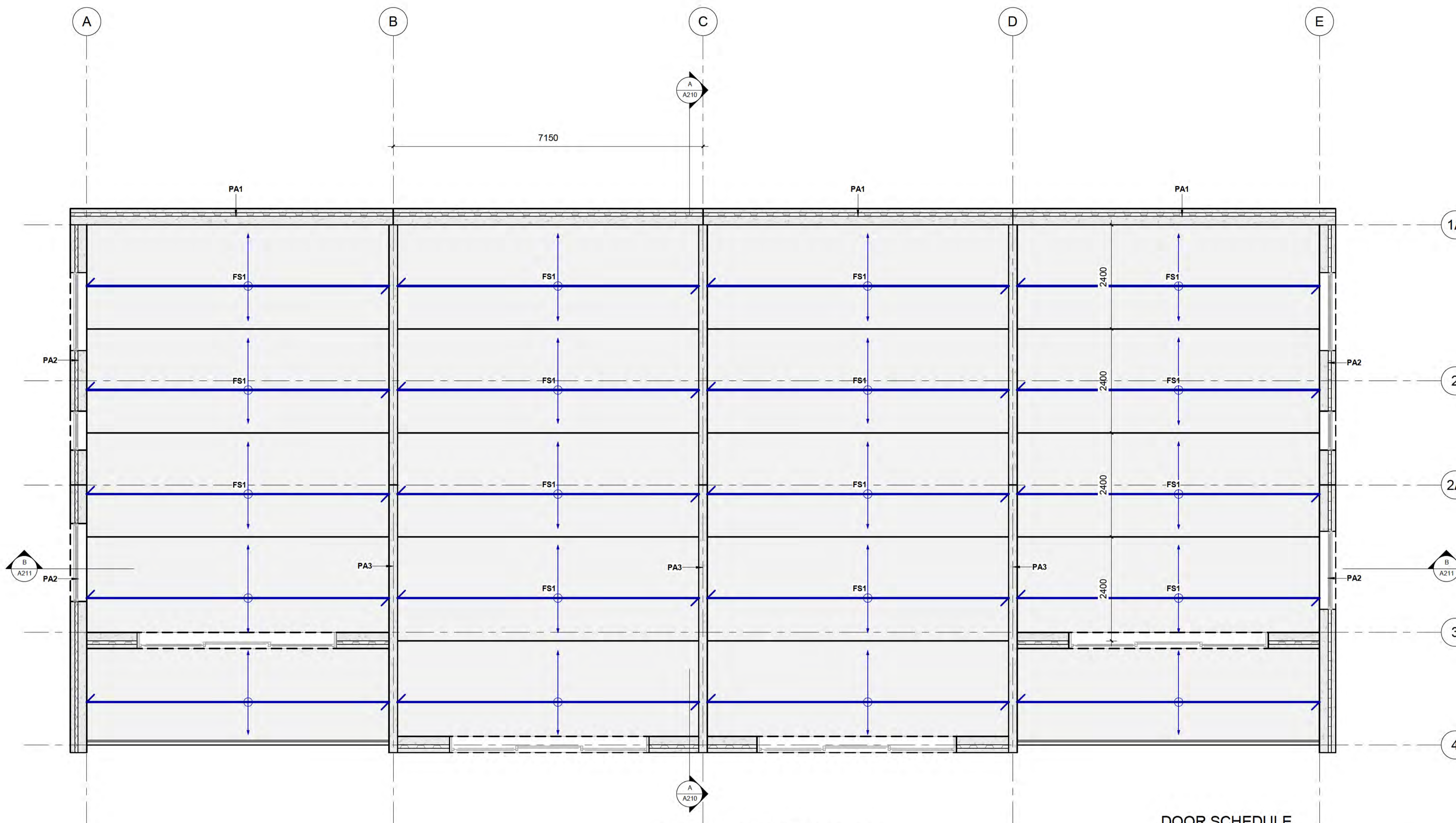
PROJECT
MULTI-UNIT DEVELOPMENT TYPE 3

DRAWING
GROUND FLOOR PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50 @ A1	DATE:	DRAWING NUMBER: A102
		REV: 1

Window Schedule

Mark	Count	Height	Width
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
W375	1	1200	1800
W376	1	1200	900
W377	1	1200	1800
W378	1	1200	1800
W379	1	1200	900
W380	1	1200	1800
Grand total:	18		



1 LEVEL 1 PLAN
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	2	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500
Grand total:				

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	57
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		102

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:			

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AMENDMENTS

1	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
REV	DATE	DESCRIPTION



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PROJECT
MULTI-UNIT DEVELOPMENT TYPE 3

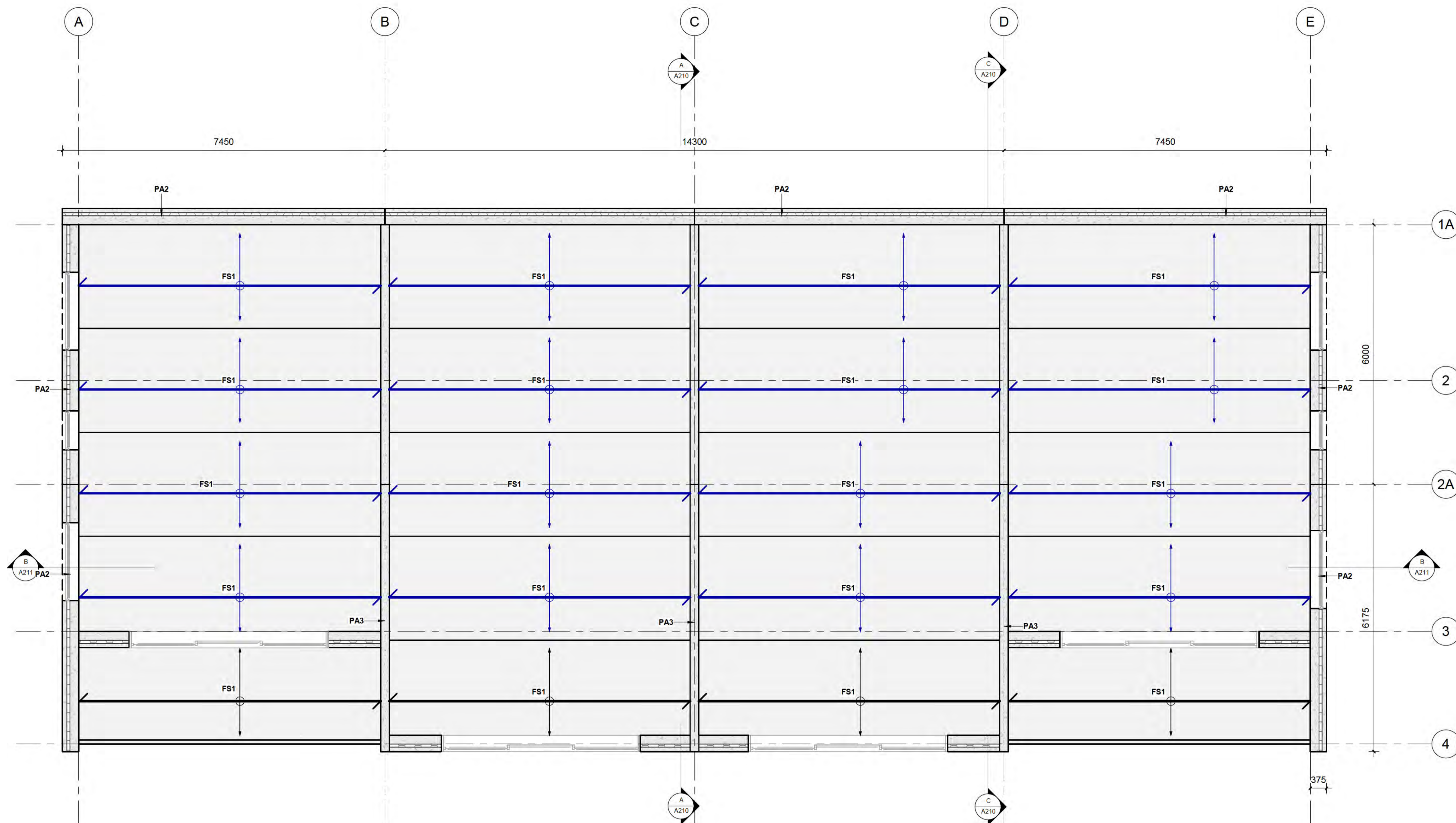
DRAWING
LEVEL 1

DRAWN:
D. PENILO
SCALE/S:
1: 50 @ A1

CHECKED:
D. PENILO
DATE:

PROJECT NUMBER:
SF24075
DRAWING NUMBER:
A103

REV.
1



Window Schedule

Mark	Count	Height	Width
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
W375	1	1200	1800
W376	1	1200	900
W377	1	1200	1800
W378	1	1200	1800
W379	1	1200	900
W380	1	1200	1800
Grand total:	18		

2 LEVEL 1 PLAN
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	2	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	57
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		102

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS		
1	DATE	DESCRIPTION

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PROJECT
MULTI-UNIT DEVELOPMENT TYPE 3

DRAWING
LEVEL 2 PLAN

DRAWN: D. PENILO
SCALE: 1: 50 @ A1

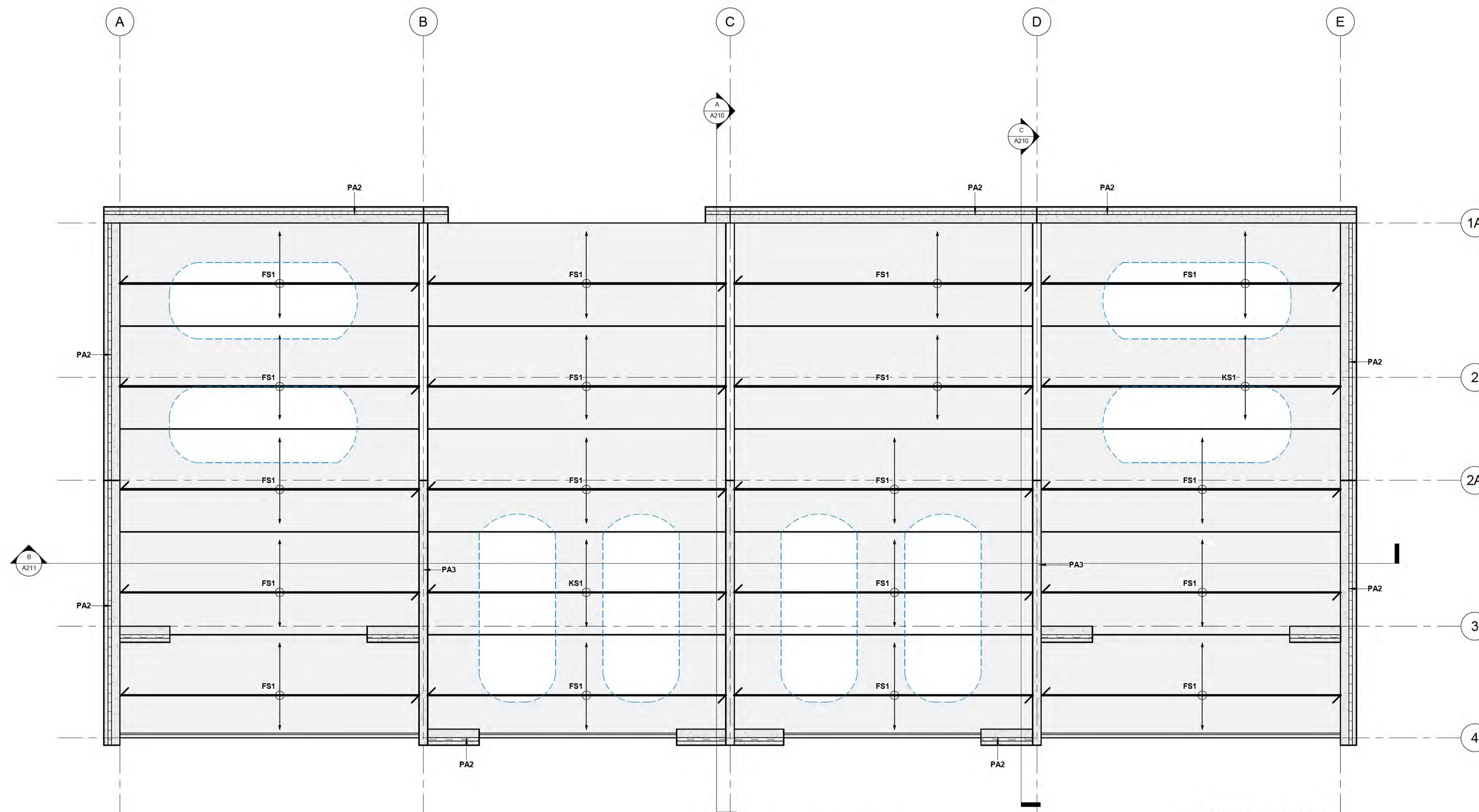
CHECKED: D. PENILO
DATE:

PROJECT NUMBER: SF24075
DRAWING NUMBER: A104

REV: 1

Window Schedule

Mark	Count	Height	Width
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
W375	1	1200	1800
W376	1	1200	900
W377	1	1200	1800
W378	1	1200	1800
W379	1	1200	900
W380	1	1200	1800
Grand total:	18		



1 LEVEL 3
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	2	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500
Grand total:				

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	57
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		102

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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AMENDMENTS		
REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

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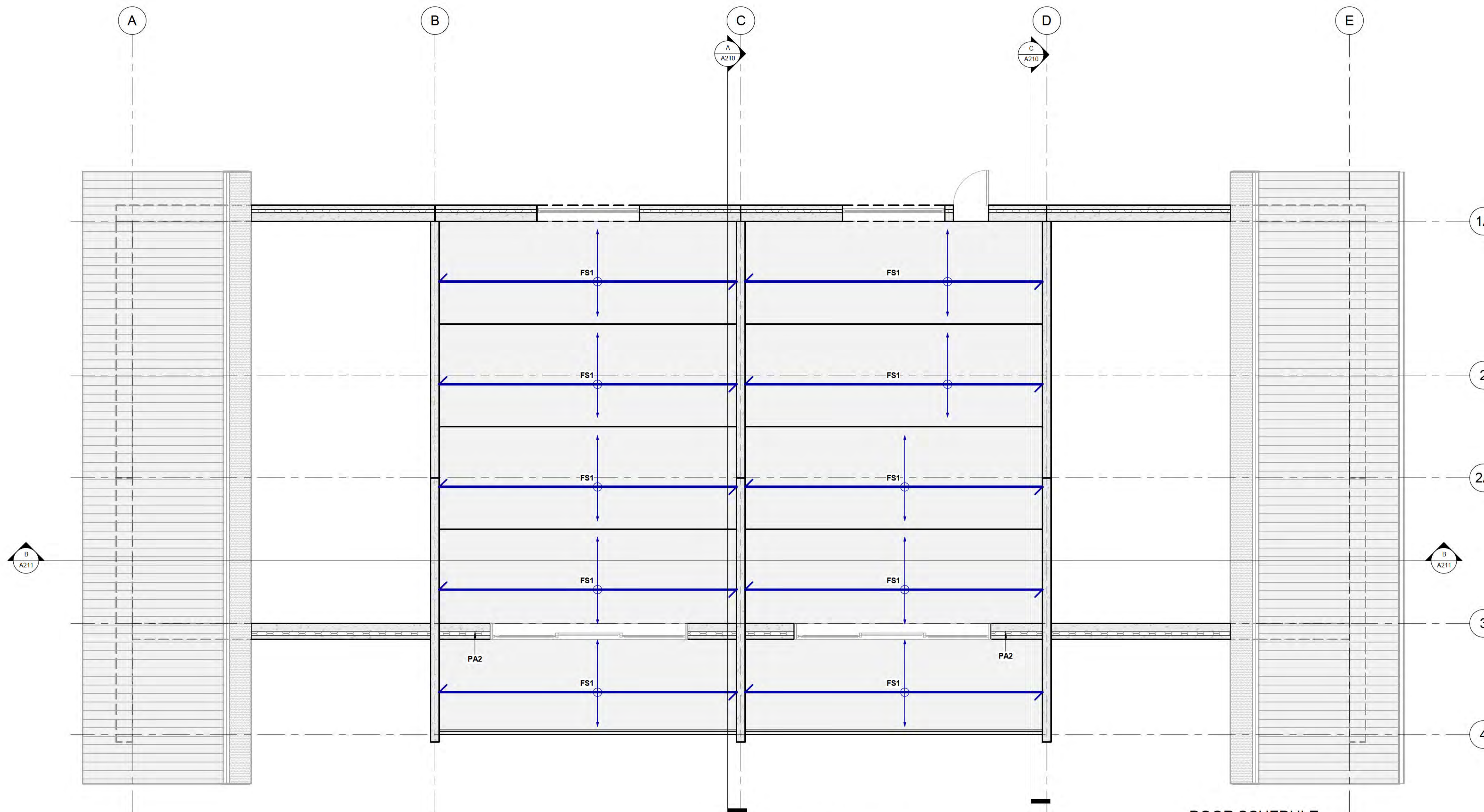


CLIENT BOWEN PEAK LIMITED
PROJECT MULTI-UNIT DEVELOPMENT TYPE 3

DRAWING LEVEL 3 PLAN	
DRAWN: D. PENILO	CHECKED: D. PENILO
SCALE/S: 1: 50 @ A1	PROJECT NUMBER: SF24075
	DRAWING NUMBER: A105
	REV: 1

Window Schedule

Mark	Count	Height	Width
W318	1	1200	900
W319	1	1200	900
W328	1	1200	900
W329	1	1200	1800
W341	1	1200	2400
W342	1	1200	2400
W369	1	1200	1800
W370	1	1200	900
W371	1	1200	1800
W372	1	1200	1800
W373	1	1200	900
W374	1	1200	1800
W375	1	1200	1800
W376	1	1200	900
W377	1	1200	1800
W378	1	1200	1800
W379	1	1200	900
W380	1	1200	1800
Grand total:	18		



1 LEVEL 4
1: 50 at A1 1: 100 at A3

FLATSLAB FLOOR SCHEDULE

Type Mark	Description	Count
FS1	150mm THK FLATSLAB PANELS WITH 100mm THK TOPPING SLAB	90
Grand total:		90

DOOR SCHEDULE

Type Mark	Family	Count	Height	Width
84	Single-Flush	2	2300	820
91	Three_Panel_Sliding_Door_17534	18	2500	4500

PRECAST PANEL SCHEDULE

Type Mark	Description	Count
PA1	BALCROM THERMOMASS PANELS (NO OPENINGS)	13
PA2	BALCROM THERMOMASS PANELS (WITH OPENINGS)	57
PA3	200 THICK BALCROM INTERTENANCY PANELS	32
Grand total:		102

STRUCTURAL SLAB SCHEDULE

Type Mark	Description	Count	Area
S1	100mm THK, 25 MPa, SLAB ON GRADE. SE62 MESH TOP, 35mm COVER. REFER DETAIL	1	172 m ²
Grand total:		1	

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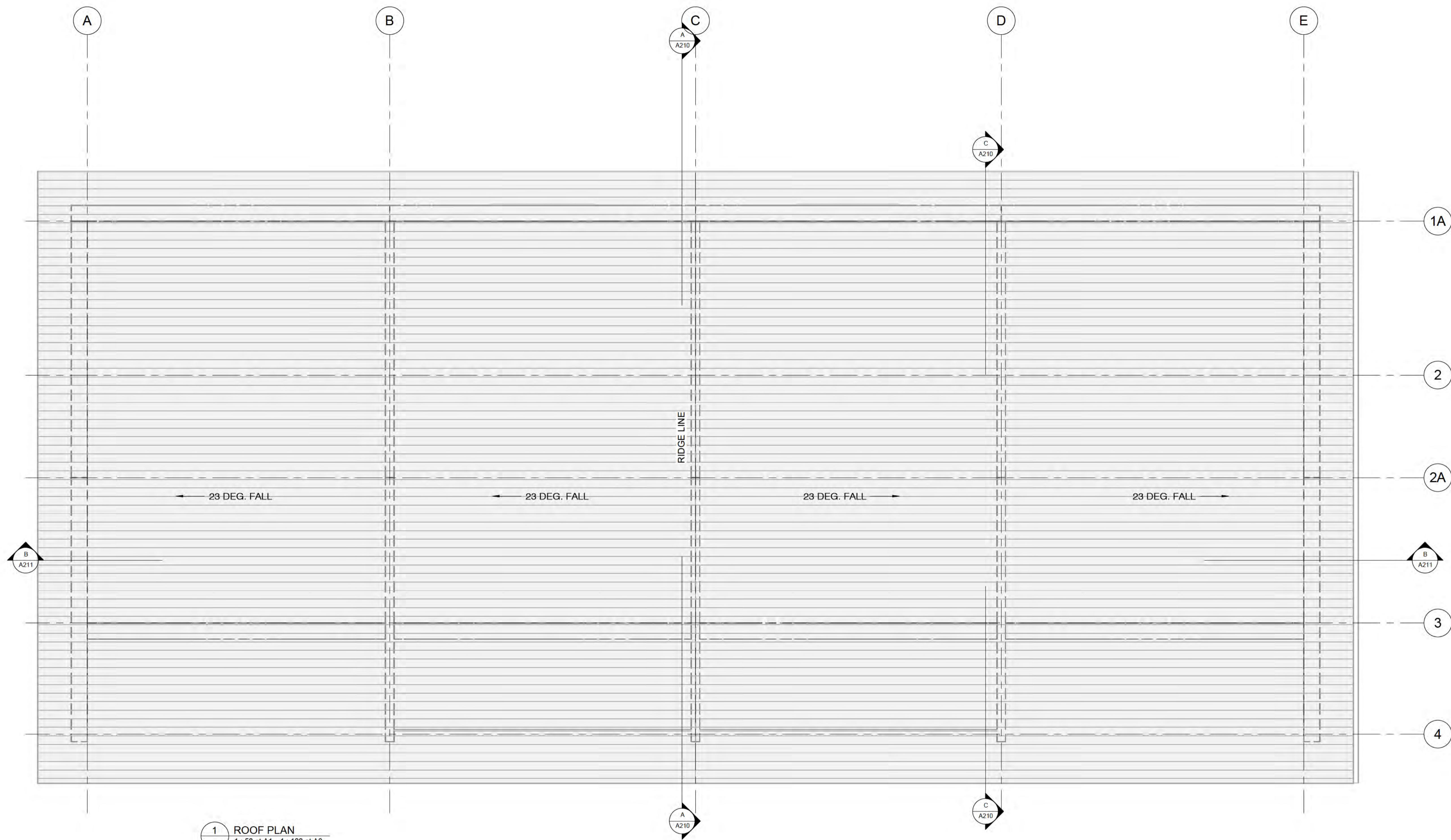


CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 3

DRAWING
LEVEL 4 PLAN

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075	REV. 1
SCALE/S: 1: 50	DATE: @ A1	DRAWING NUMBER: A106	



1 ROOF PLAN
1:50 at A1 1:100 at A3

ROOF SCHEDULE		
Type Mark	Description	Area
ROOF	MAIN ROOF	477 m ²

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1	DATE	SCHEMATIC DESIGN DESCRIPTION
REV	DATE	DESCRIPTION

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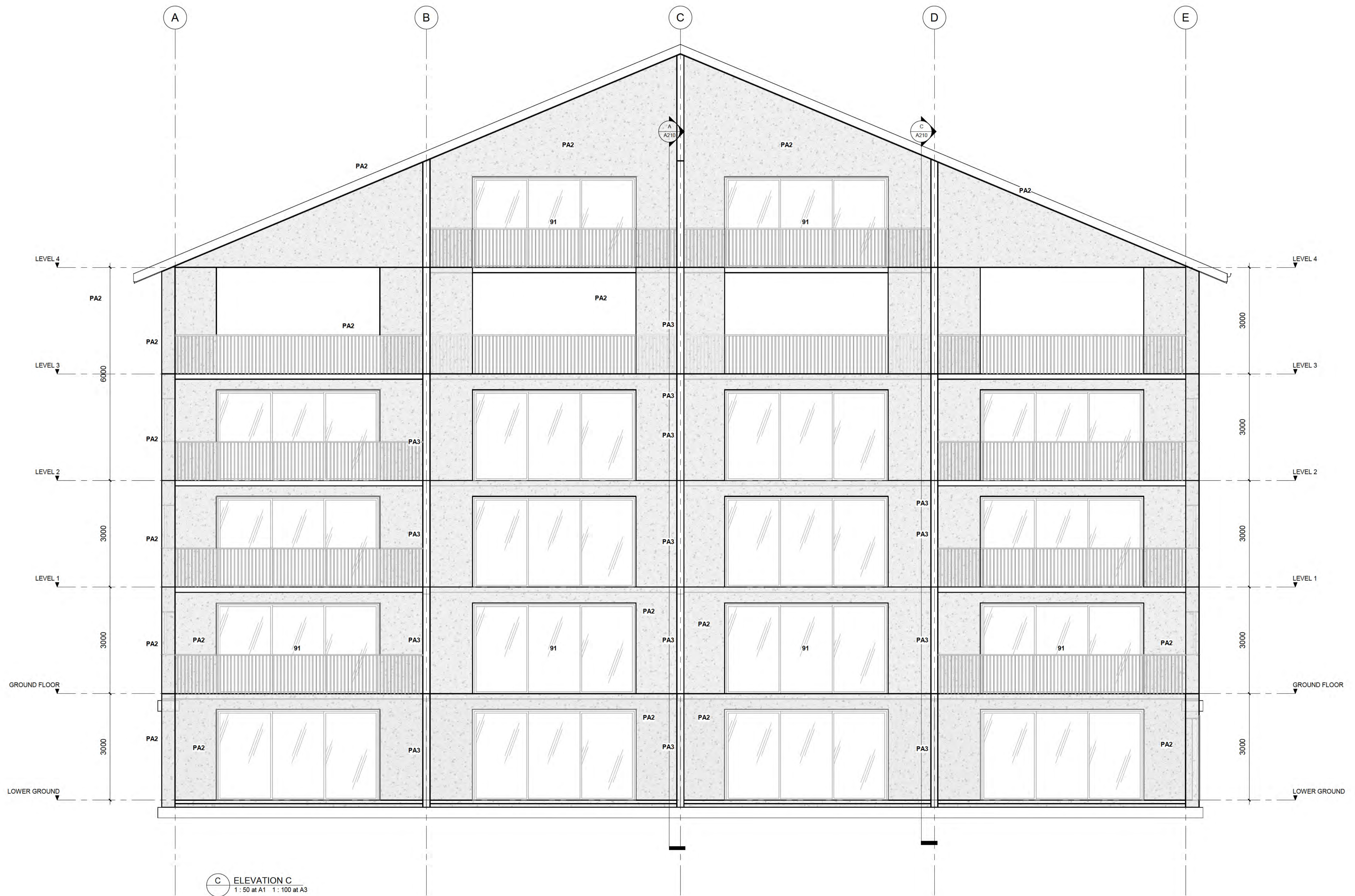
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PROJECT MULTI-UNIT DEVELOPMENT TYPE 3	DRAWN: D. PENILO
	CHECKED: D. PENILO
	PROJECT NUMBER: SF24075
	SCALE/S: 1:50 @ A1
	DATE:
	DRAWING NUMBER: A107
	REV. 1

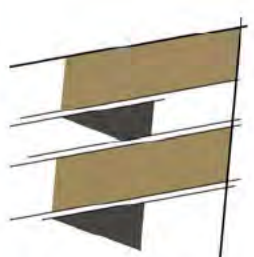


C ELEVATION C
1 : 50 at A1 1 : 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

REV	DATE	DESCRIPTION
1	6/10/2025 4:15:13 pm	



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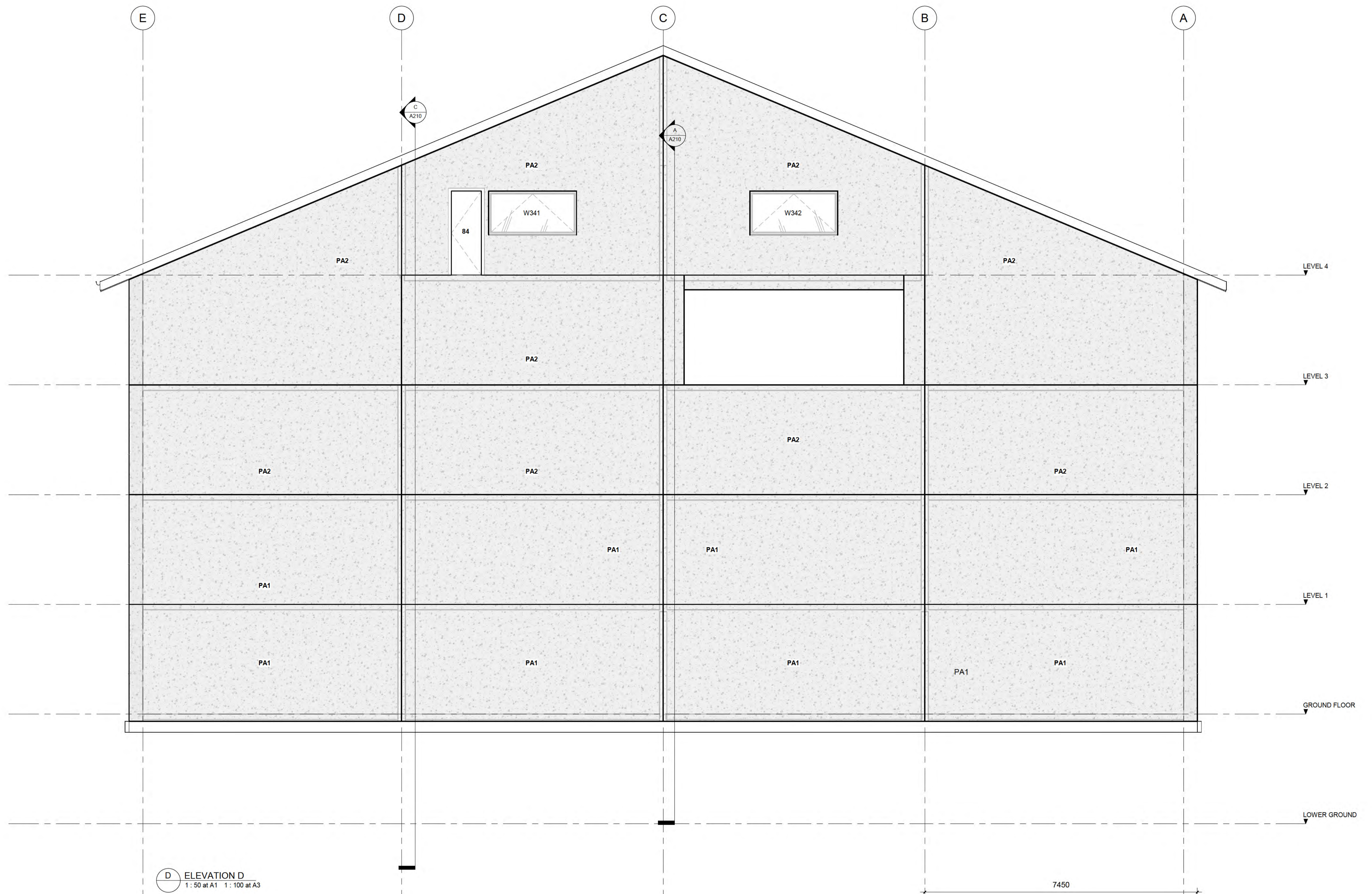
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CLIENT BOWEN PEAK LIMITED		DRAWING ELEVATIONS	
PROJECT MULTI-UNIT DEVELOPMENT TYPE 3		DRAWN: D. PENILO	CHECKED: D. PENILO
SCALE: 1 : 50 @ A1		PROJECT NUMBER: SF24075	DRAWING NUMBER: A201
		DATE:	REV: 1



D ELEVATION D
 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
		DESCRIPTION

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 E: hello@thestructuralfirm.co.nz

M: PO BOX 2115, WAKATIPU
 W: www.thestructuralfirm.co.nz

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CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 3

DRAWING
ELEVATIONS

DRAWN:
 D. PENILO

CHECKED:
 D. PENILO

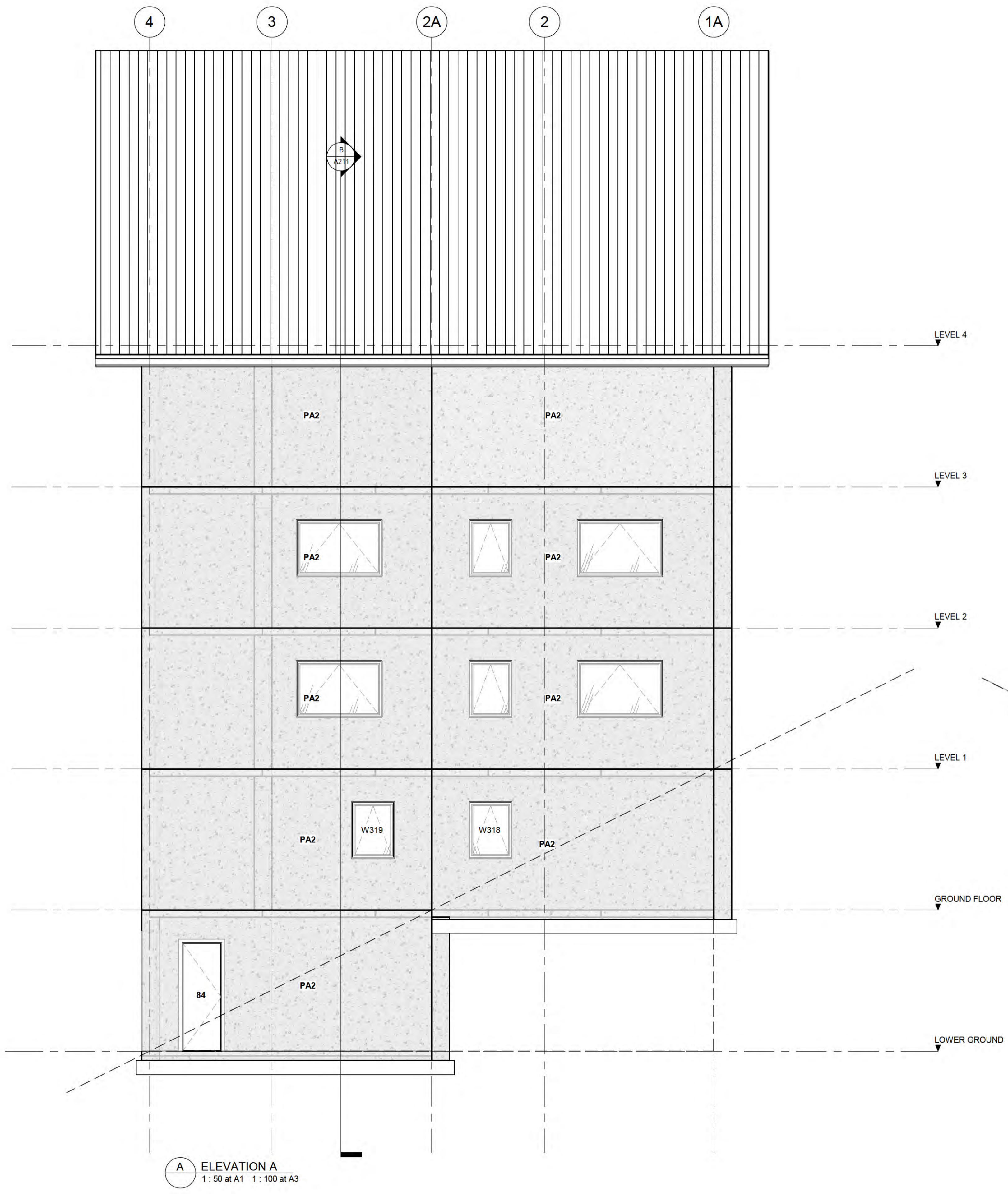
PROJECT NUMBER
SF24075

SCALE/S:
 1: 50 @ A1

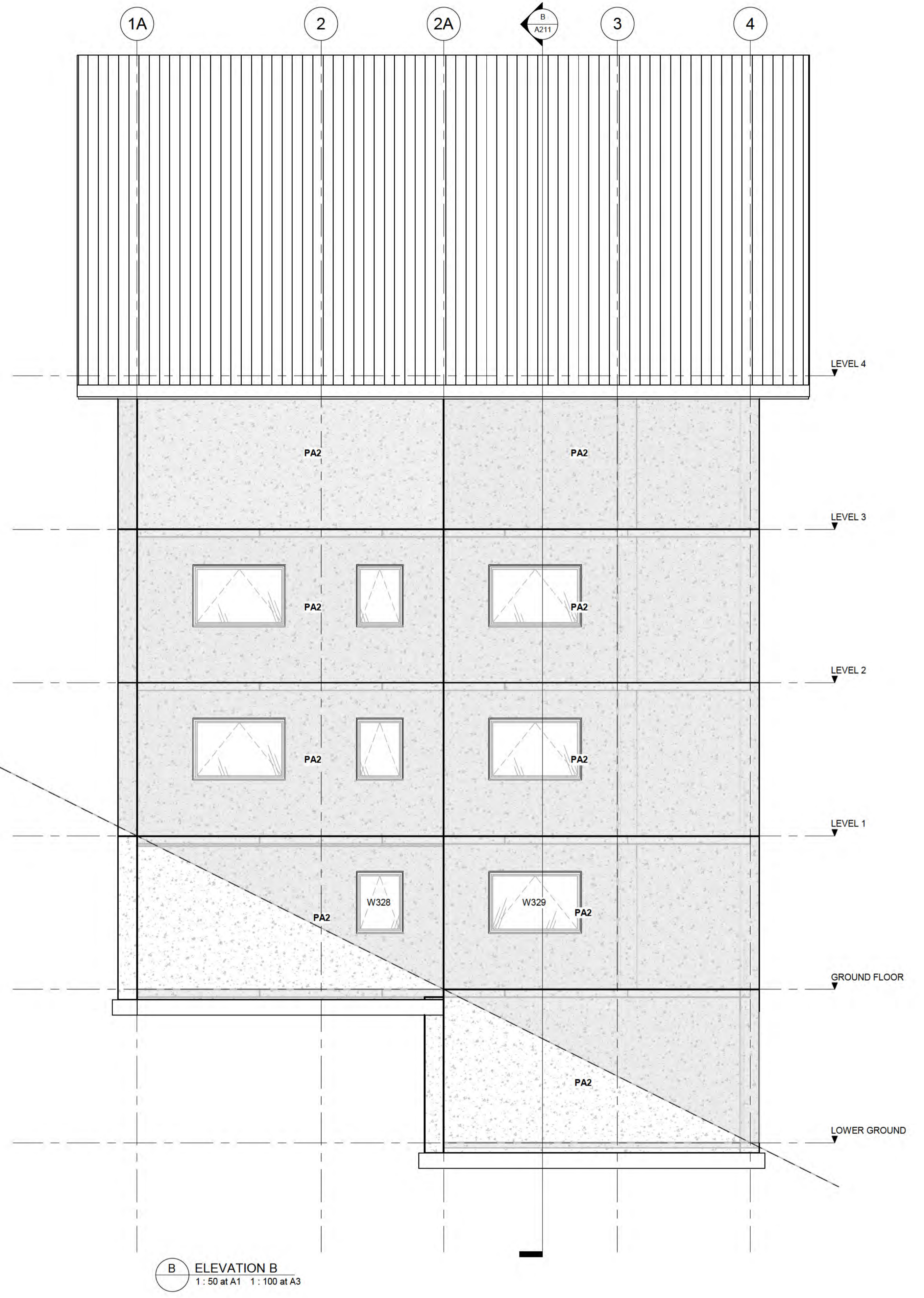
DATE:

DRAWING NUMBER:
A202

REV.
1



A ELEVATION A
1: 50 at A1 1: 100 at A3



B ELEVATION B
1: 50 at A1 1: 100 at A3

AMENDMENTS

THE STRUCTURAL FIRM
CHARTERED ENGINEERS

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E: hello@thestructuralfirm.co.nz

M: PO BOX 2115, WAKATIPU
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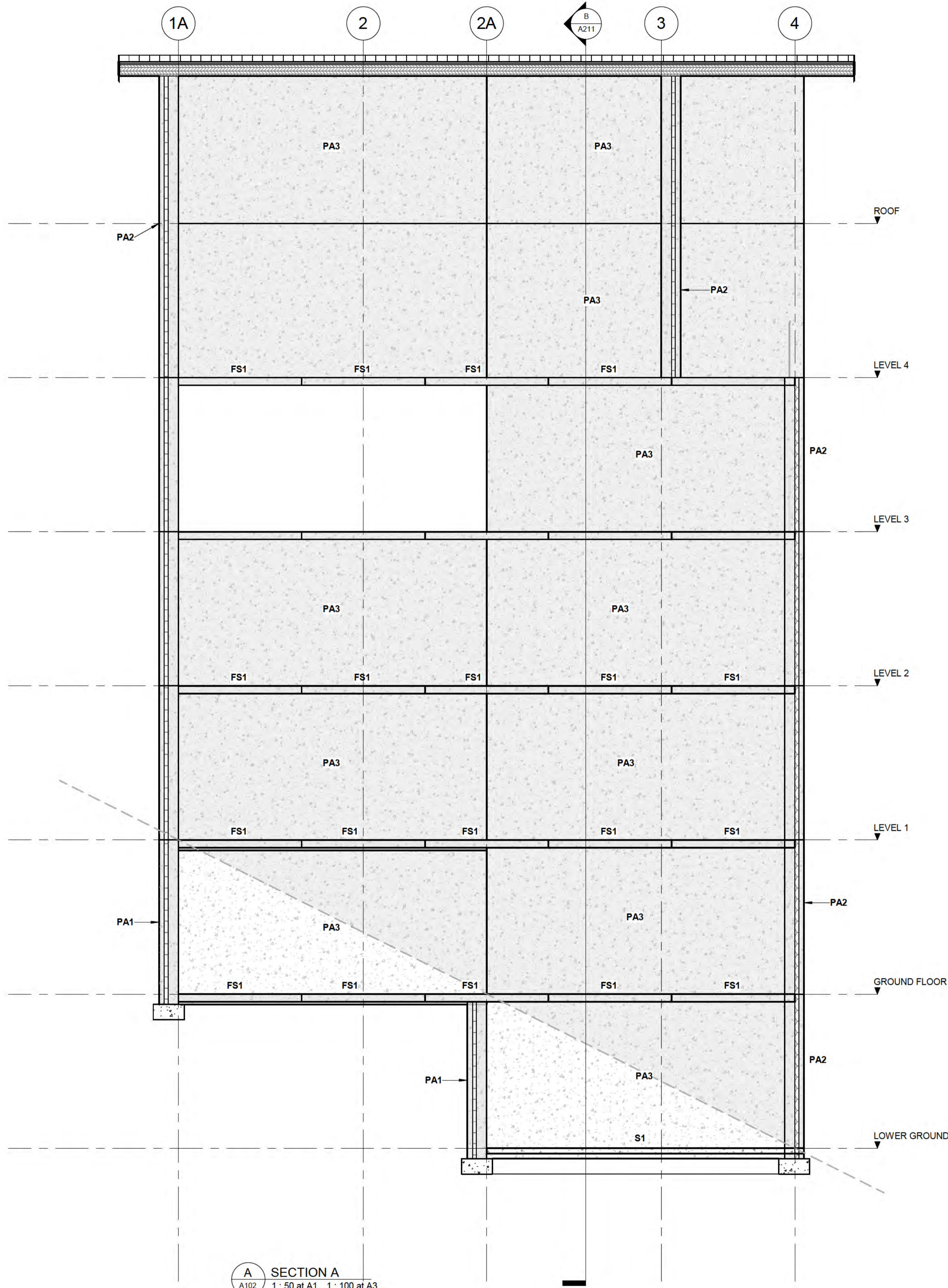


CLIENT BOWEN PEAK LIMITED
PROJECT MULTI-UNIT DEVELOPMENT TYPE 3

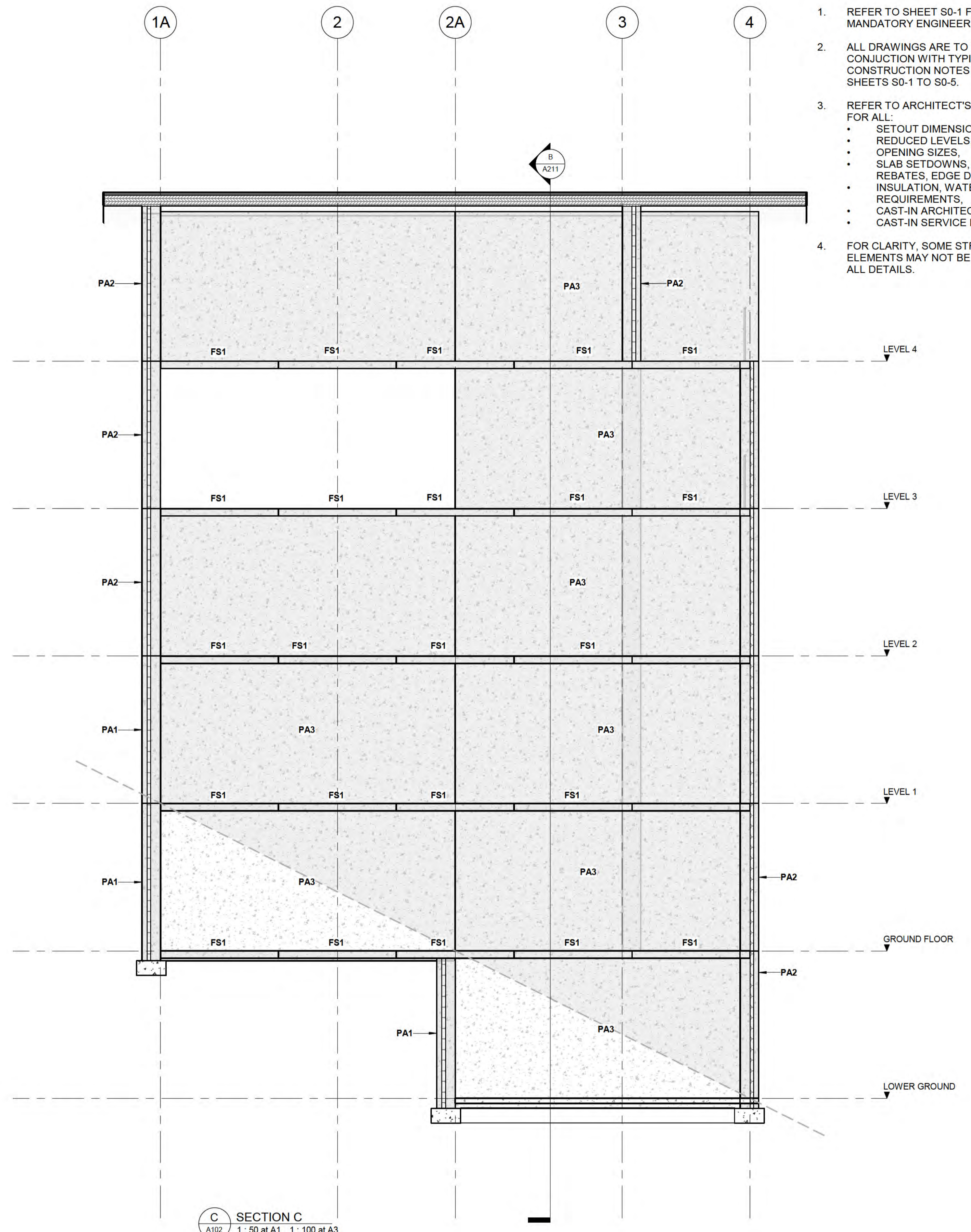
DRAWING ELEVATIONS	
DRAWN: D. PENILO	CHECKED: D. PENILO
SCALE/S: 1: 50 @ A1	PROJECT NUMBER: SF24075
	DRAWING NUMBER: A203
	REV: 1

GENERAL NOTES

1. REFER TO SHEET S0-1 FOR MANDATORY ENGINEER INSPECTIONS.
2. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH TYPICAL CONSTRUCTION NOTES FOUND ON SHEETS S0-1 TO S0-5.
3. REFER TO ARCHITECT'S DRAWINGS FOR ALL:
 - SETOUT DIMENSIONS,
 - REDUCED LEVELS,
 - OPENING SIZES,
 - SLAB SETDOWNS, FALLS,
 - REBATES, EDGE DETAILS,
 - INSULATION, WATERPROOFING REQUIREMENTS,
 - CAST-IN ARCHITECTURAL ITEMS
 - CAST-IN SERVICE FIXTURES.
4. FOR CLARITY, SOME STRUCTURAL ELEMENTS MAY NOT BE SHOWN ON ALL DETAILS.



A SECTION A
A102 1: 50 at A1 1: 100 at A3



C SECTION C
A102 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN
		DESCRIPTION

THE STRUCTURAL FIRM CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN E: hello@thestructuralfirm.co.nz
 M: PO BOX 2115, WAKATIPU W: www.thestructuralfirm.co.nz

DO NOT SCALE. DO NOT USE FOR SETOUT. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS, ANGLES, SITE MEASUREMENTS & CONDITIONS, ETC BEFORE FABRICATION OR CONSTRUCTION BEGINS.

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CLIENT
BOWEN PEAK LIMITED

PROJECT
MULTI-UNIT DEVELOPMENT TYPE 3

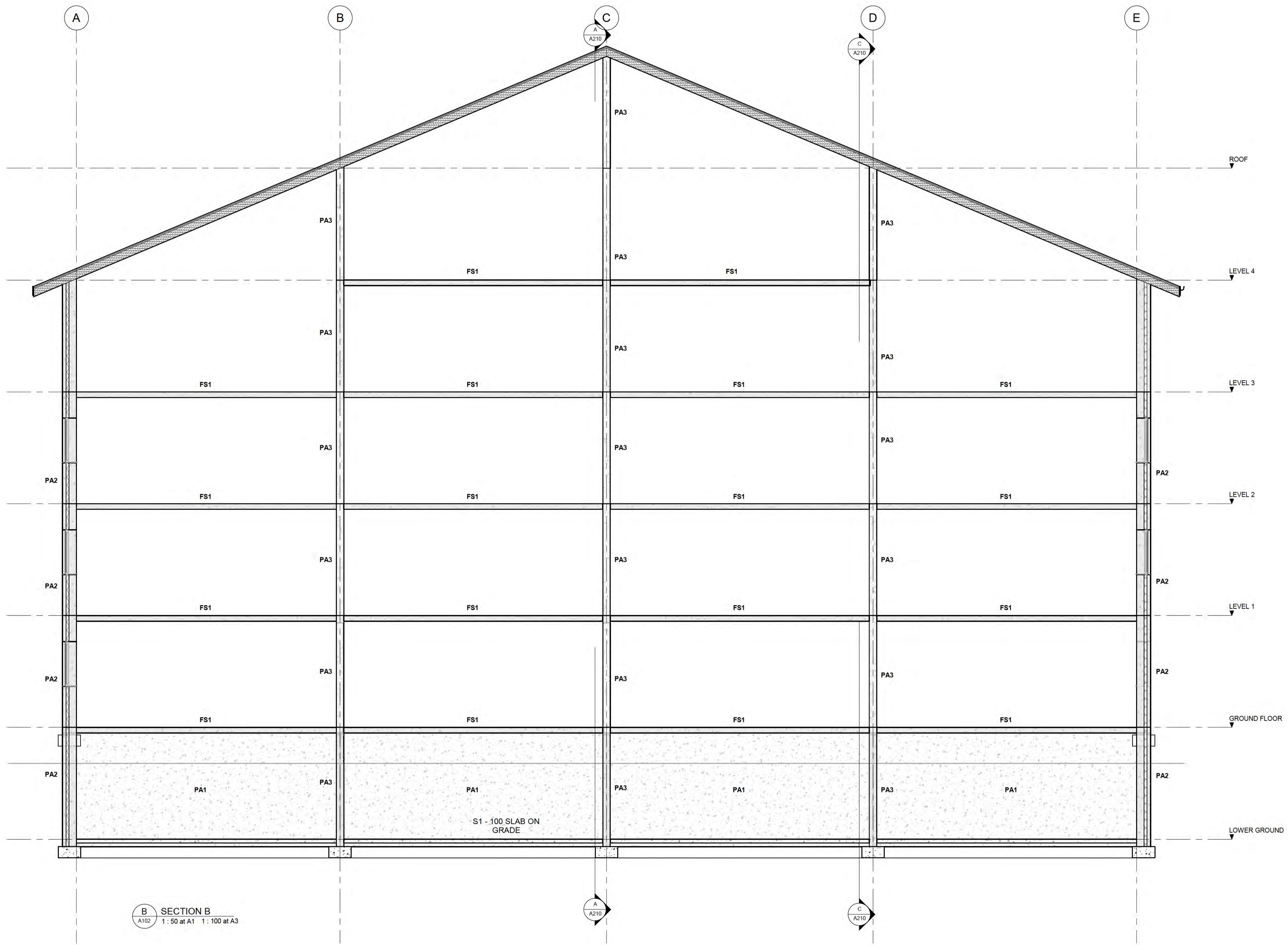
DRAWING
SECTIONS

DRAWN: D. PENILO
SCALE/S: 1: 50 @ A1

CHECKED: D. PENILO
DATE:

PROJECT NUMBER: **SF24075**
DRAWING NUMBER: **A210**

REV. **1**



B SECTION B
 A102 1: 50 at A1 1: 100 at A3

AMENDMENTS

REV	DATE	DESCRIPTION
1		SCHEMATIC DESIGN

6/10/2025 4:15:15 pm

THE STRUCTURAL FIRM
 CHARTERED ENGINEERS

A: LEVEL 2, 32 REES ST, QUEENSTOWN
 E: hello@thestructuralfirm.co.nz

M: PO BOX 2115, WAKATIPU
 W: www.thestructuralfirm.co.nz

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PROJECT
MULTI-UNIT DEVELOPMENT TYPE 3

DRAWING
SECTIONS

DRAWN: D. PENILO	CHECKED: D. PENILO	PROJECT NUMBER: SF24075
SCALE/S: 1: 50	DATE: @ A1	DRAWING NUMBER: A211

REV. 1