

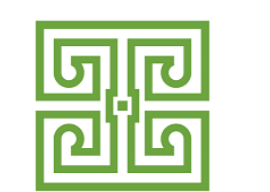
PRESTONS ROAD

traffic island



Planting Plan meets Appendix 6.11.6 Landscaping and Tree Planting - Rules.
 Any landscaping or trees required under landscaped area shall be maintained, and if dead, diseased, or damaged, shall be replaced.
 Plant species may be substituted with similar species, subject to approval from the Landscape Architect, if the original plant species are unavailable at the time of planting.

MITRE 10 - RETAIL DEVELOPMENT
 PRESTONS ROAD, MARSHLANDS
 PLANTING PLAN



<i>Plant List - Simple</i>					
ID	Qty	Latin Name	Common Name	Scheduled Size	Size at time of planting
AC	6	Acer rubrum	Swamp Maple	35/45L	Min. 2.0m (Mature W 7m x H 25m)
AP SI	223	Apodasmia similis	Oioi	1L	350mm
C GG	34	Corokia 'Geenty Green'	Green Corokia	2L	300mm
CA BF	29	Carpinus betulus fastigiata	Upright Hornbeam	35/45L	Min. 2.0m (Mature W 4m x H 12m)
CH	131	Chionochloa flavicans	Dwarf Toe Toe	1L	400mm
CO	78	Coprosma acerosa 'Hawera'	Coprosma	1L	400mm
D P	5	Dodonaea viscosa 'Purpurea'	Purple Akeake	10L	1000mm (Mature W 2.5m x H 6m)
D V	12	Dodonaea viscosa	Green Akeake	10L	1000mm (Mature W 2.5m x H 7m)
DI RE	83	Dianella 'Revelation'	Dianella	1L	250mm
FI	34	Ficus pumila	Creeping Fig	1L	150mm
GR	144	Griselinia	Griselinia	2L	500mm
HE D	72	Hebe decumbens	Decumbent Hebe	1L	250mm
HE W	28	Hebe Wiri Mist	Hebe Wiri Mist	2L	250mm (Mature W 1m x H 1m)
LI	368	Libertia grandiflora	NZ Iris	2L	250mm
LI P	478	Libertia peregrinans	Creeping Iris	1L	100mm
LIR	23	Liriodendron tulipifera 'Fastigiatum'	Tulip Tree	35/45L	Min. 2.0m (Mature W 4m x H 12m)
LIRI	3	Liriodendron tulipifera	Tulip Tree	35/45L	Min. 2.0m (Mature W 6m x H 30m)
LO	202	Lomandra	Lomandra	1L	250mm
MA	6	Magnolia 'Little Gem'	Evergreen Magnolia	35/45L	Min. 2.0m (Mature W 3m x H 4m)
MU	36	Muehlenbeckia astonii	Shrubby Tororaro	1L	400mm (Mature W 1.5m x H 2m)
P D	75	Phormium 'Dark Delight'	Ornamental Flax	2L	350mm (Mature W 1.5m x H 1.5m)
P EG	187	Phormium Emerald Green	Dwarf Flax	1L	400mm (Mature W 1.2m x H 1.5m)
PH T	33	Phormium tenax	NZ Flax	1L	250mm (Mature W 25 m x H 3m)
PL RE	41	Plagianthus regius	Ribbonwood	35/45L	Min. 2.0m (Mature W 4m x H 12m)
PS	13	Pseudopanax arboreus	Five Finger	10L	1000mm (Mature W 3.5m x H 6m)
Qu FA	34	Quercus robur 'Fastigiata'	English Columnar Oak	35/45L	Min. 2.0m

NOTE: MATURE HEIGHTS ARE NOTED FOR SOUTHERN GARDEN SCREENING OF MITRE10

1L

Planting Plan meets Appendix 6.11.6 Landscaping and Tree Planting - Rules.

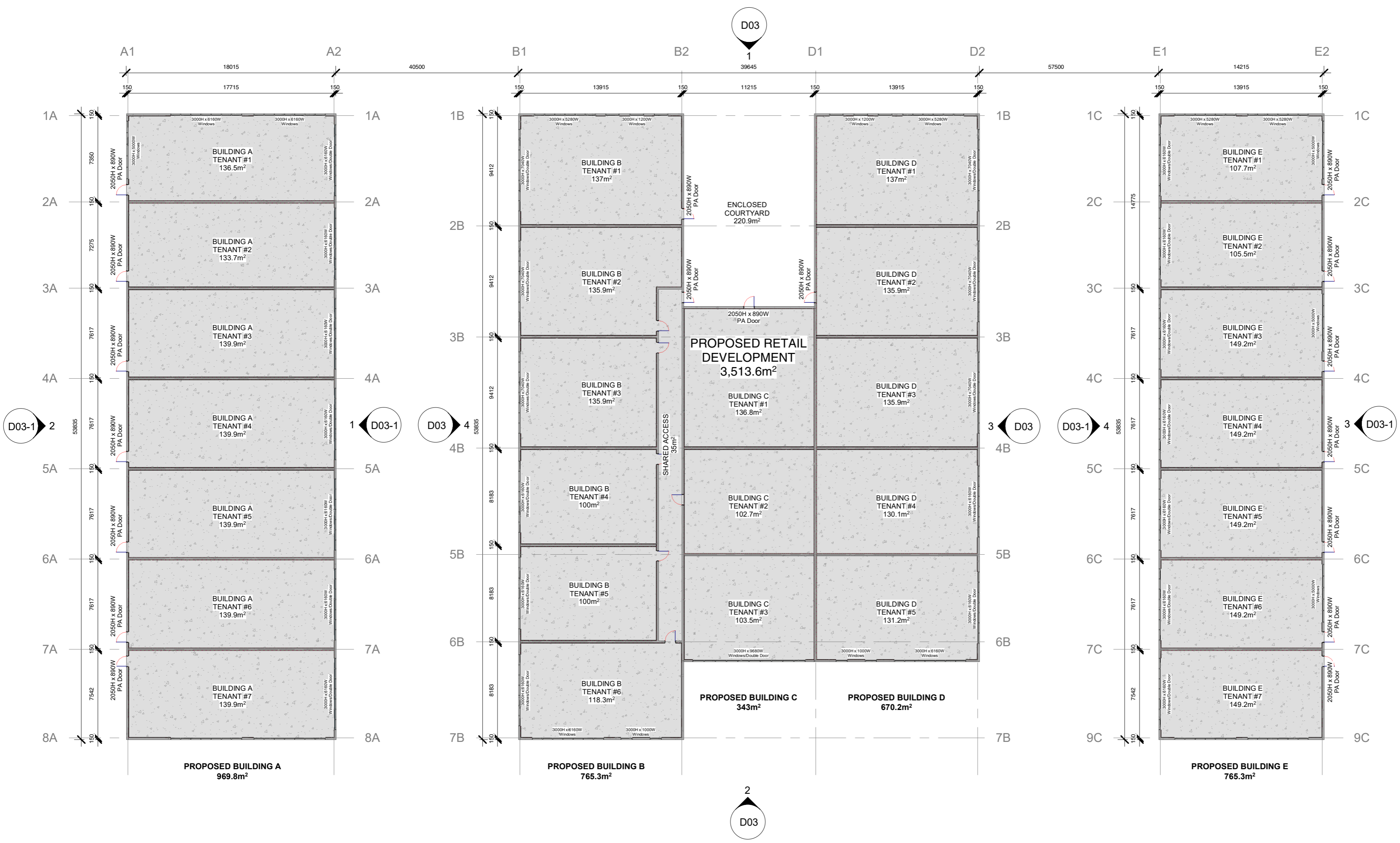
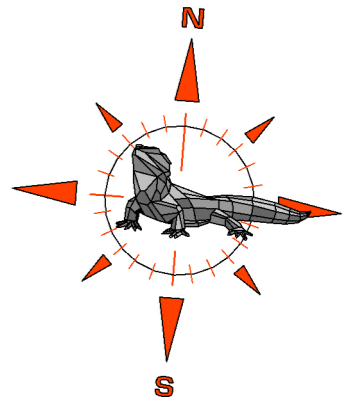
Any landscaping or trees required under landscaped area shall be maintained, and if dead, diseased, or damaged, shall be replaced. Plant species may be substituted with similar species, subject to approval from the Landscape Architect, if the original plant species are unavailable at the time of planting.

MITRE 10 - RETAIL DEVELOPMENT
PRESTONS ROAD, MARSHLANDS
PLANTING PLAN SCHEDULE

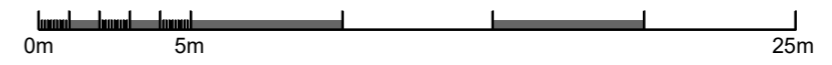
SCALE 1:500 @A2 REVISION DATE 19.12.24
DESIGNER: D DORE PAGE 2 OF 2 REVISION E DRAWING PP002



OUTERSPACE



1 Future Development Ground Floor
1 : 250



PROJECT:
Mitre10 Mega - Retail Development concept plans

CLIENT:
Miles Andrews

SITE ADDRESS:
Prestons Road, Marshland Christchurch, New Zealand

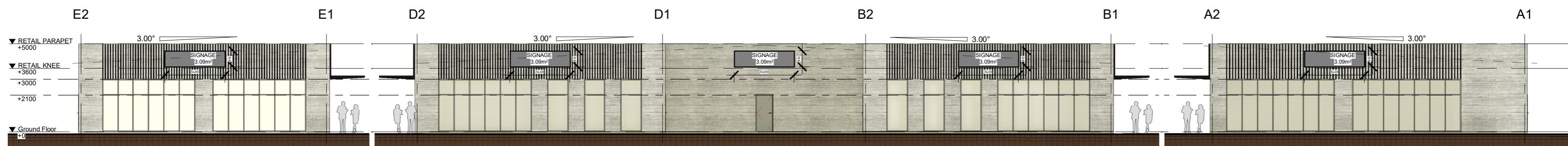
Project No: 23-041 R17 **Drawn By:** RES

Sheet: Ground Floor **Sheet No:** D02

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Date: 13/10/2022 **Rev Date:** 13/12/2024 12:20:29 pm

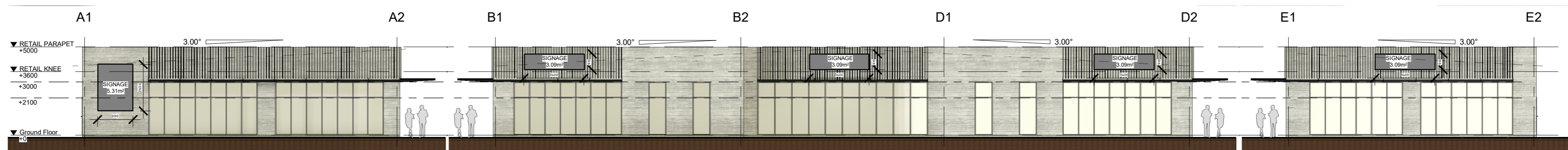




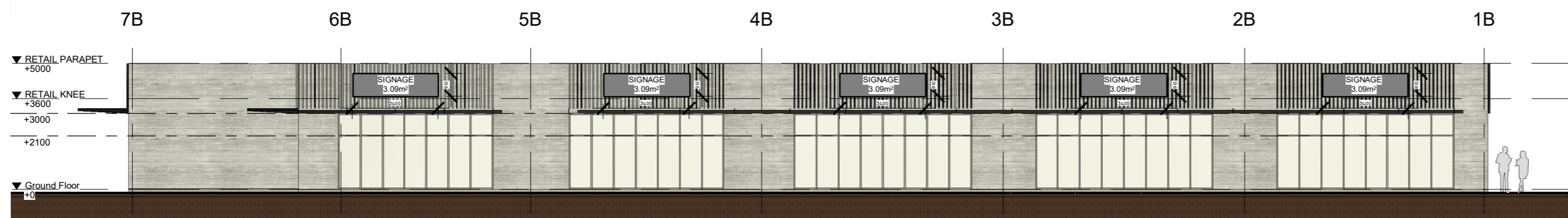
1 Retail Elevation North
1 : 175

Retail Elevation North - Road Boundary

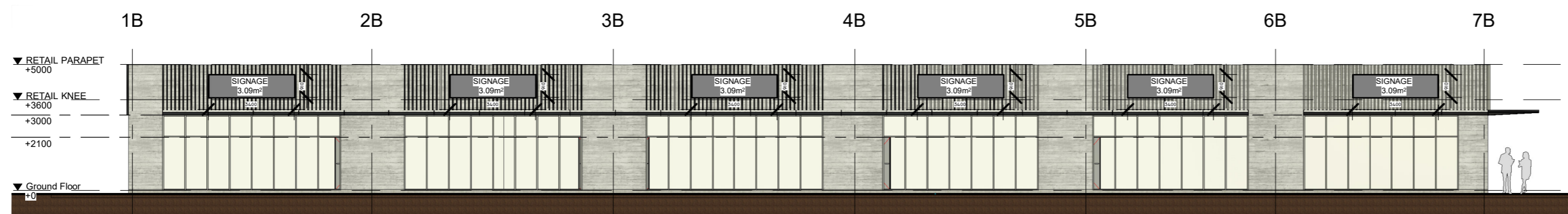
	m ²	Wall %
Total Wall area:	303.29	100%
Total Glazing area:	121.92	40.2%



2 Retail Elevation South
1 : 175



3 Building D East
1 : 175



4 Building B West
1 : 175

PROJECT:
Mitre10 Mega - Retail
Development concept plans

CLIENT:
Miles Andrews

SITE ADDRESS:
Prestons Road, Marshland
Christchurch, New Zealand

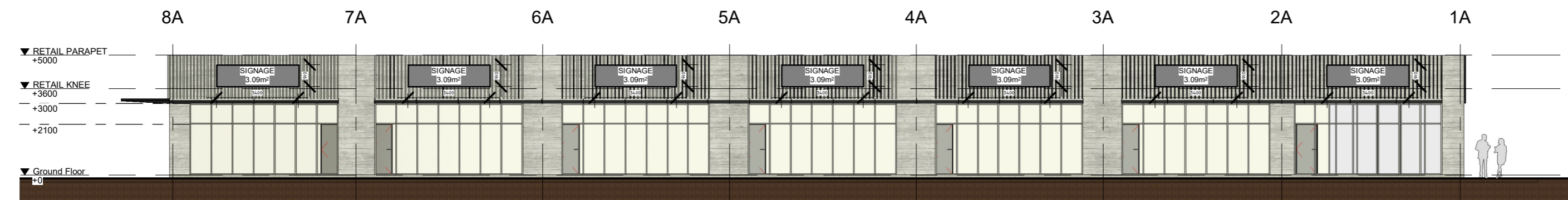
Project No: 23-041 R17 **Drawn By:** RES

Sheet: Elevations **Sheet No:** D03

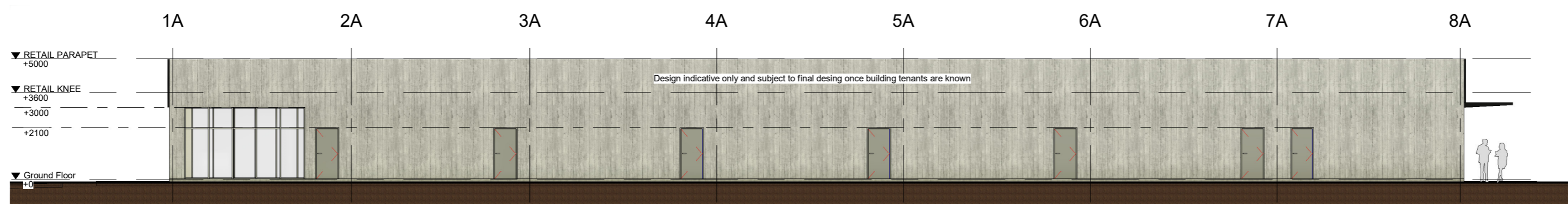
Scale @ A2: 1 : 175 **Scale Conversion:**
A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:20:43 pm

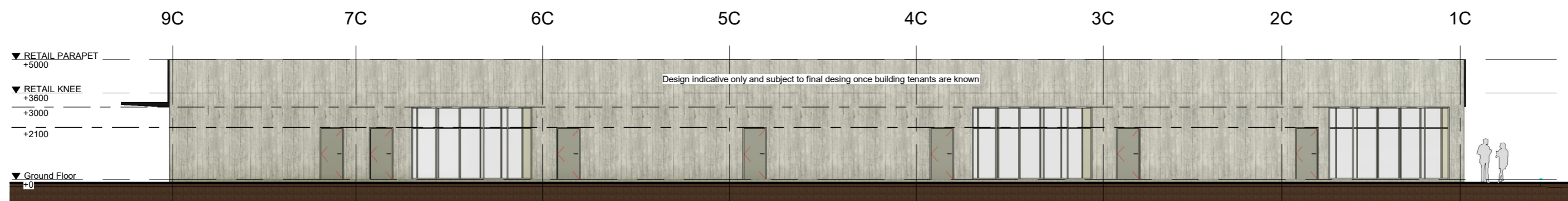




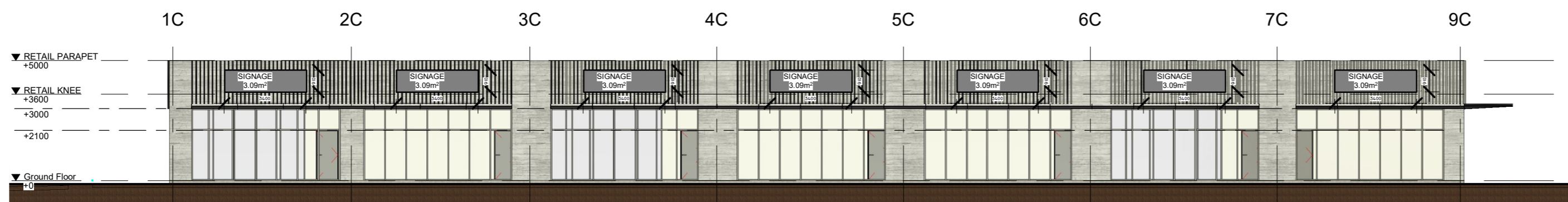
1 Building A East
1 : 175



2 Building A West
1 : 175



3 Building E East
1 : 175



4 Building E West
1 : 175

PROJECT:
Mitre10 Mega - Retail
Development concept plans

CLIENT:
Miles Andrews

SITE ADDRESS:
Prestons Road, Marshland
Christchurch, New Zealand

Project No: 23-041 R17 **Drawn By:** RES

Sheet: Elevations **Sheet No:** D03-1

Scale @ A2: 1 : 175 **Scale Conversion:**
A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:20:52 pm





NO OBJECTS MODELLED IN THIS AREA

NO OBJECTS MODELLED IN THIS AREA

NO OBJECTS MODELLED IN THIS AREA

390 Prestons Road



Email: steve@telfer.co.nz
 67 Fitzgerald Ave
 Christchurch
 Ph. 03 3661 814
 Mob. 0274 333 768

Client



Project **New Commercial Building Boundary Spill Lighting**

Address 390 Prestons Rd, Christchurch

Sheet Title

Luminaire Layout

Designed by

STM

Checked by

Job No	CH135538
Revision	Initial
Date	18/12/2024
Page	2

Design Notes:-

1. All calculations performed in Direct Mode using AGI32 V20.11.
2. Dimensions based on an approximately- scaled geomap and must be verified by client.
3. All mounting heights must be verified by client.
4. Main building modelled at 10.1m. Plantings not modelled.
5. Direct Illumination calculation.
6. Ground taken as flat for calculation purposes.
7. LLF =1.0
8. Locations are approximate. Final locations and heights TBC by client.
9. Luminaire symbols enlarged for readability.
10. Boundaries and windows of any existing dwellings are estimates only. Client to confirm.
11. Boundary lines are approximate only based on scaled Geomap.
12. Vertical Spill light calculations taken up to 20m high where calculated.
13. Spill light assesment as per AS/NZS 4282 and CCC Schedule 1 Table 6.3.6.1.
14. Not all calculated grids shown in viewport.

Compliance Summary: Spill light assessment as per CCC Schedule 1 Chapter 6.3.

1. Vertical and horizontal illuminance at site boundaries (estimated location) as per CCC Plan 6.3.4.1.
Commercial boundary max 10 lux at 2m offset
Residential boundary max 4 lux at 2m offset
Arterial road max 2.5 lux
COMPLIES.
2. Threshold Increment on adjoining roads based on AS/NZS 4282:2019 Lighting Zone A4 'High District Brightness' with a default adaptation level of 5 Cd/m2.
Max 20%.
COMPLIES.
3. Upward Light Ratio based on AS/NZS 4282:2019 Lighting Zone A4 'High District Brightness'
Max upward light 0.03%.
COMPLIES.

Calculation Summary					
Label	CalcType	Units	Avg	Max	Min
Boundary - horizontal	Illuminance	Lux	N.A.	1.1	0.0
Boundary Commercial_1 vert_III_Seg1	Obtrusive - III	Lux	N.A.	5	0
Boundary Commercial_2 vert_III_Seg1	Obtrusive - III	Lux	N.A.	6	0
Boundary Commercial_2 vert_III_Seg2	Obtrusive - III	Lux	N.A.	1	0
Boundary Commercial_2 vert_III_Seg3	Obtrusive - III	Lux	N.A.	2	0
Boundary Residential vert_III_Seg1	Obtrusive - III	Lux	N.A.	1	0
Prestons Rd TI	Obtrusive - TI	%	N.A.	N.A.	N.A.

UWLR Area Summary		
Label	Area	UWLR
ULR	28709	0.0

Luminaire Schedule							
Symbol	Tag	Qty	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
		2	ONE OF - Pierlite Domain LED GEN 3 at 200W output 4K T5 optic + 1m arm DOM200T5G3	1.000	25968	200	400
		2	FOUR OF Pierlite Domain LED GEN 3 at 200W output 4K T5 optic + 1m arm DOM200T5G3	1.000	25968	200	1600
		3	ONE OF - Pierlite Domain G3 at 50W output T3 optic + 0.4m arm	1.000	6611	50	150
		2	TWO OF - Pierlite Domain G3 at 50W output T3 optic back-to-back + 0.4m arms	1.000	6611	50	200
		9	ONE OF - Pierlite Domain G3 at 50W output T3 optic + wall mount	1.000	6611	50	450
		8	ONE OF - Pierlite Domain G3 flood at 50W output T5 optic 4K DOM50T5G3 + 0.4m arm	1.000	6584	50	400
		3	TWO OF - Pierlite Domain G3 flood at 50W output T5 optic 4K DOM50T5G3 + 0.4m arm	1.000	6584	50	300
		16	ONE OF - Pierlite MaxiMaster flood asym optic 4K set to 100W output MML250LSCSA	1.000	13798	85.6528	1370.445



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Mob. 0274 333 768

Client



Project **New Commercial Building Boundary Spill Lighting**

Address 390 Prestons Rd, Christchurch

Sheet Title

Calculation Summary

Designed by

STM

Checked by

Job No

CH135538

Revision

Initial

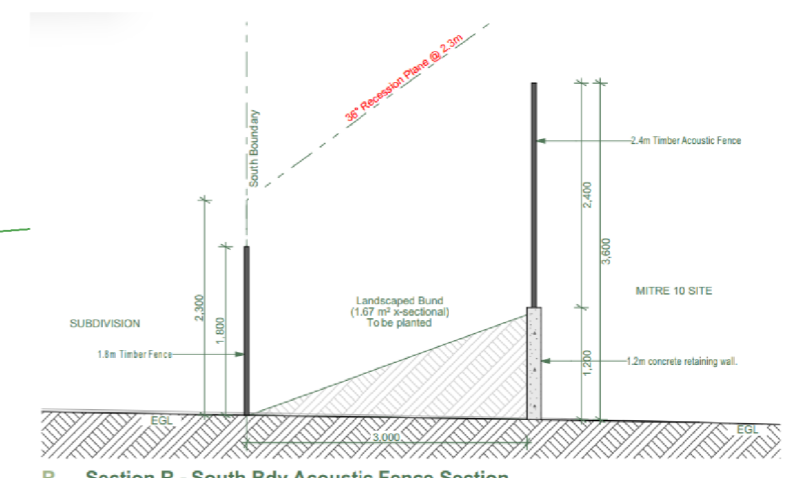
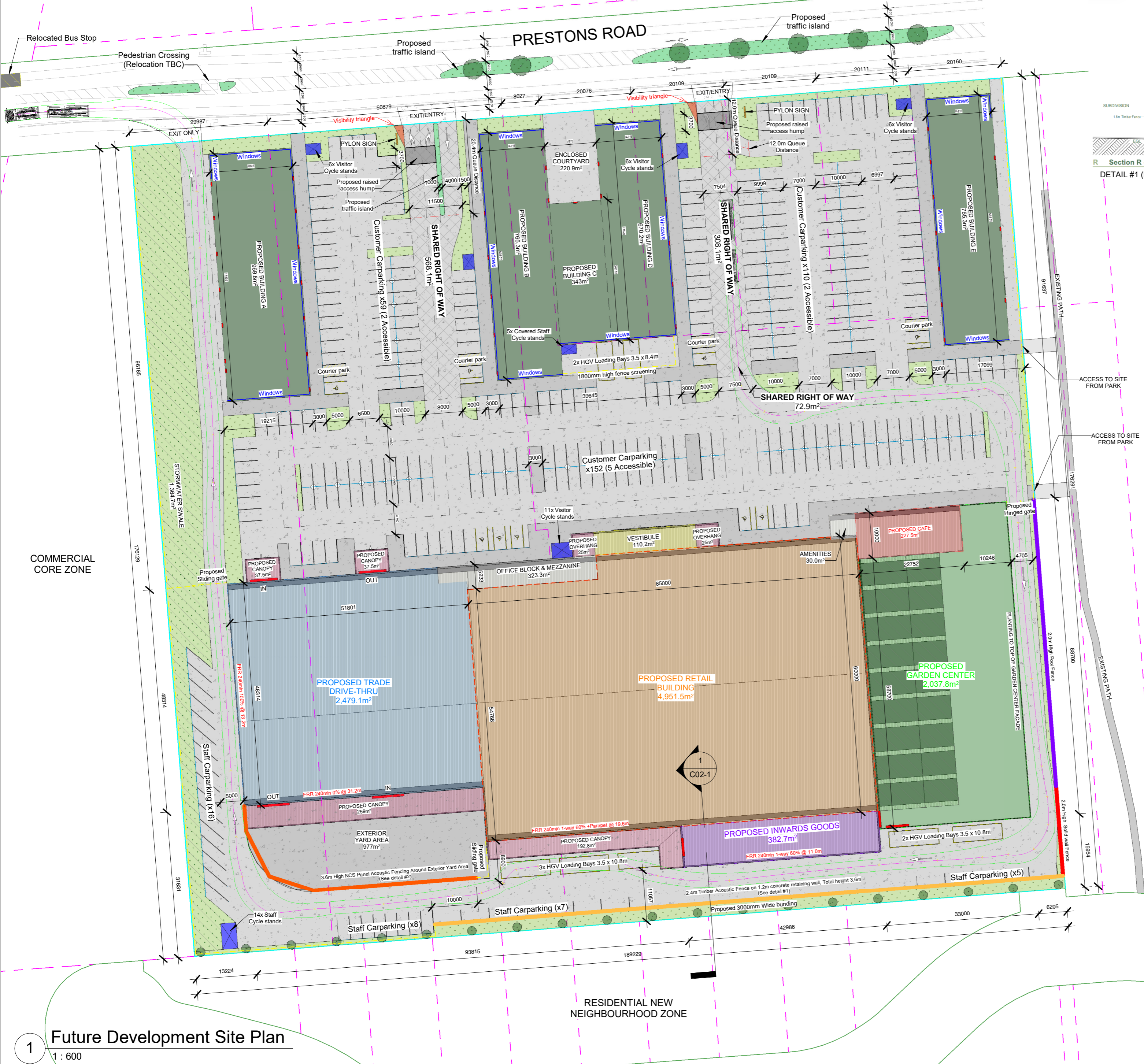
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18/12/2024

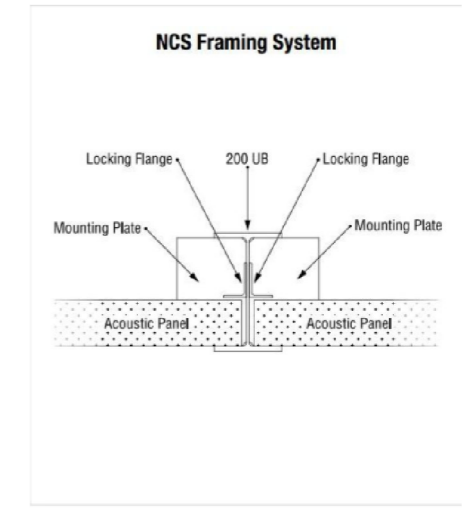
Page

3

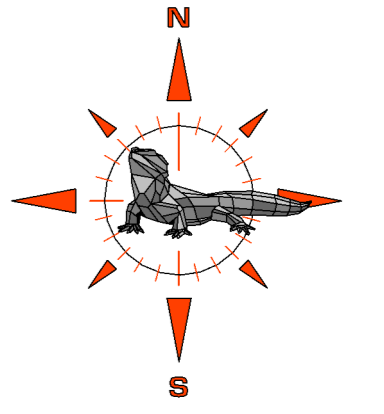
BUILDING LOCATION IS INDICATIVE ONLY, SITE DIMENSIONS/MEASUREMENTS ARE SUBJECT TO SITE SURVEY



Section R - South Bdy Acoustic Fence Section
DETAIL #1 (NTS)



NCS Framing System
NCS Panel Plan Detail
DETAIL #2 (NTS)



Site Info
Local authority: Christchurch City Council
Lot number: Lot 1,2&3 ,Lot 1,2&3, Lot 1 & Lot 3
Plan number: DP 81866, 18707, 16442 & 13469
Site area: 33,385m²
Planning zone: Commercial Core Zone

Gross Leasable Area
Warehouse/Vestibule/Retail: 9,961.3m²
Office/Cafe/WC: 424.7m²
Mezzanine: 156.1m²
Canopy: 576.8m²
Total GLA: 11,118.9m²

Hardstand: 16,653.2m²
Building site coverage: 32.8%
Landscaping: 1,557.9m² (4.7%)
Total Carparks: x357 Spaces (9 Accessible)
Fencing (linear meters): 682m

Fire Rating Info
Category: C/VM2
Occupant load: < 100 people
Storage height (Warehouse Firecell): < 8.0m
Storage height (Office Firecell): < 3.0m

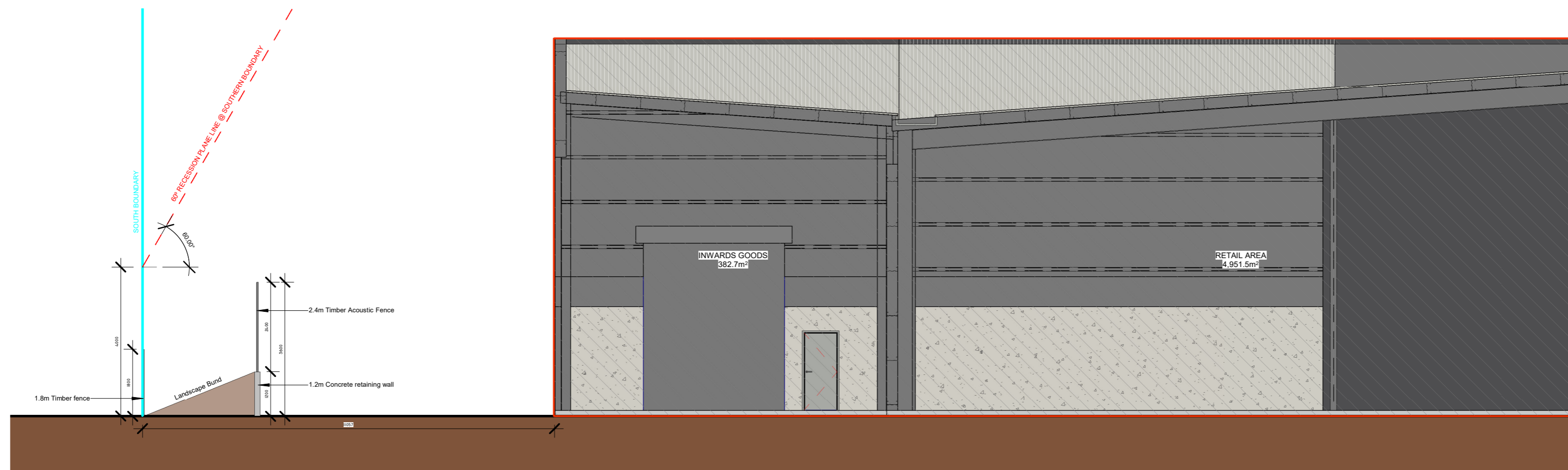
Note:
All proposed cycle stands will be designed to meet the requirements of Christchurch District Plan Appendix 7.5.2 a. ii - vii. in relation to stand design and location

OPEN SPACE
COMMUNITY
PARKS ZONE

PROJECT: Mitre10 Mega - Retail Development concept plans	
CLIENT: Miles Andrews	
SITE ADDRESS: Prestons Road, Marshland Christchurch, New Zealand	
Project No: 23-041 R17	Drawn By: RES
Sheet: Site Plan	Sheet No: C02
Scale @ A2: 1 : 600	Scale Conversion: A2 to A3 = 71% A3 to A2 = 141%
Date: 13/10/2022	Rev Date: 13/12/2024 12:42:31 pm



1 Future Development Site Plan
1 : 600



1 Recession Plane (Southern Bdy)
1 : 100

PROJECT:
Mitre10 Mega - Retail
Development concept plans

CLIENT:
Miles Andrews

SITE ADDRESS:
Prestons Road, Marshland
Christchurch, New Zealand

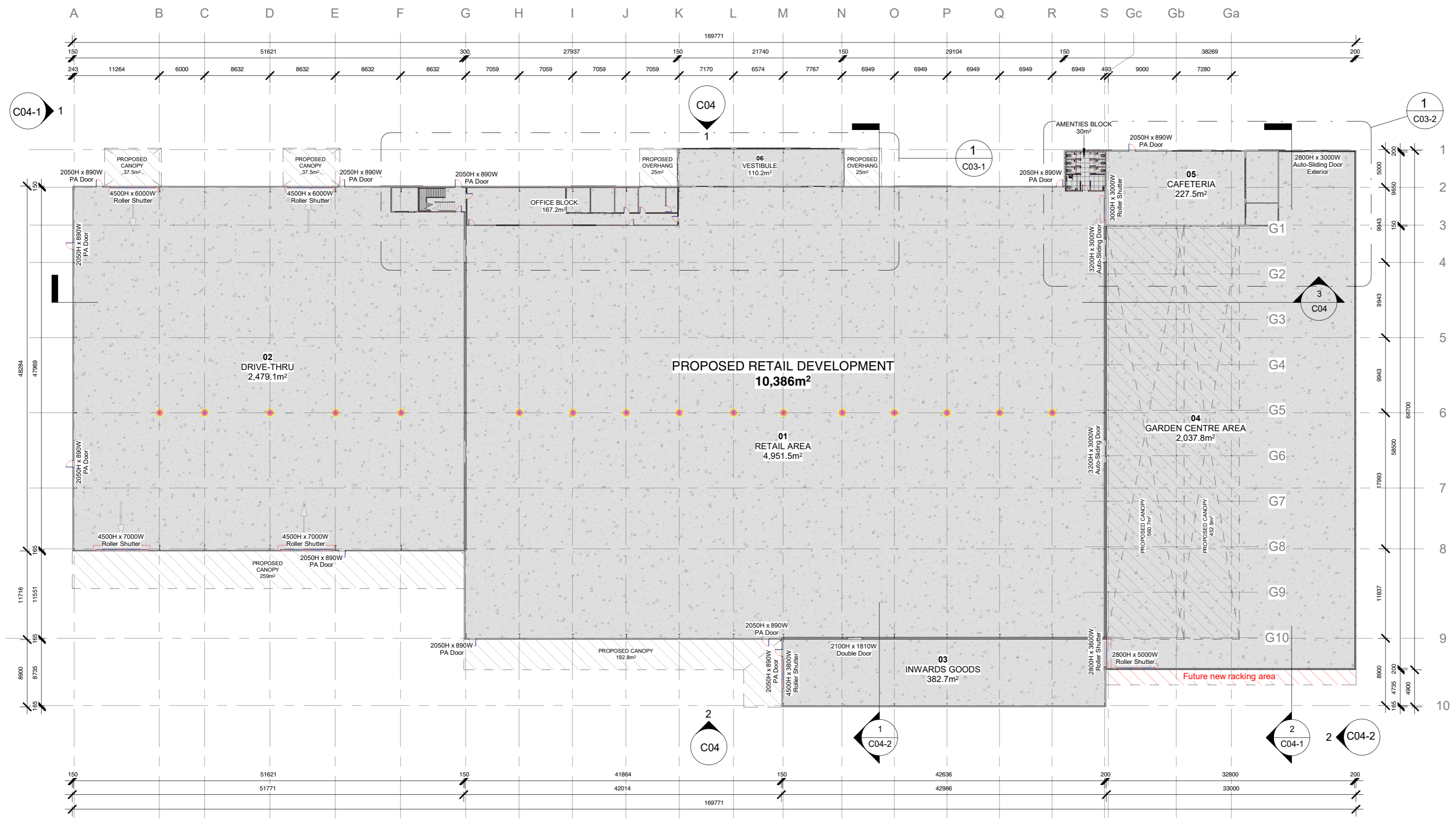
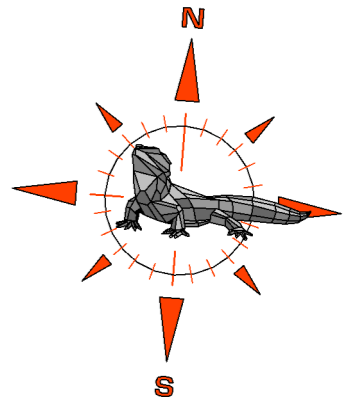
Project No: 23-041 R17 **Drawn By:** RES

Sheet: Recession Plane **Sheet No:** C02-1

Scale @ A2: 1 : 100 **Scale Conversion:**
A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:42:33 pm





SUB-ACTIVITY	GFA	CANOPY	TOTAL
RETAIL AREA	4,951.5m ²		4,951.5m ²
DRIVE-THRU AREA	2,479.1m ²		2,479.1m ²
GARDEN CENTRE AREA	2,037.8m ²		2,037.8m ²
INWARDS GOODS AREA	382.7m ²		382.7m ²
CAFETERIA	227.5m ²		227.5m ²
OFFICE BLOCK	167.2m ²		167.2m ²
TOILET BLOCK	30.0m ²		30.0m ²
ENTRANCE VESTIBULE	110.2m ²		110.2m ²
MEZZANINE	156.1m ²		156.1m ²
VESTIBULE CANOPIES		50.0m ²	50.0m ²
DRIVE-THRU CANOPIES (NORTH)		75.0m ²	75.0m ²
DRIVE-THRU CANOPY (SOUTH)		259.0m ²	259.0m ²
INWARDS GOODS CANOPY		192.8m ²	192.8m ²
TOTAL AREA	10,542.1m²	576.8m²	11,118.9m²

PROJECT:
Mitre10 Mega - Retail Development concept plans

CLIENT:
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Christchurch, New Zealand

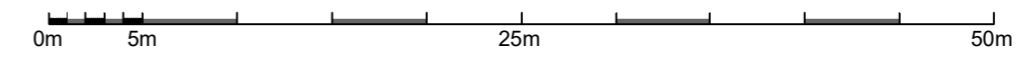
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Sheet: Ground Floor **Sheet No:** C03

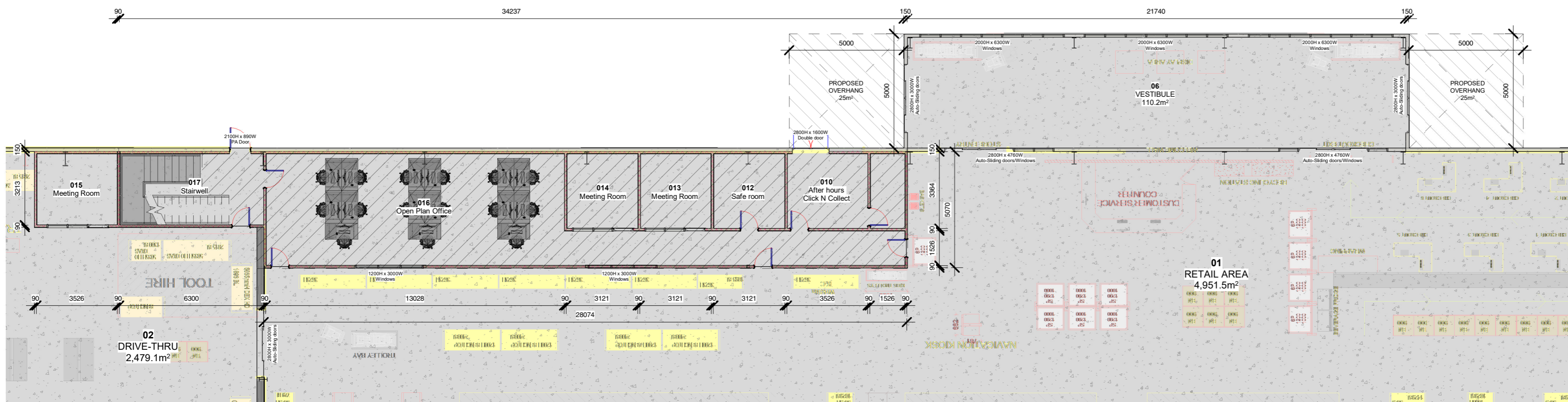
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A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:42:35 pm

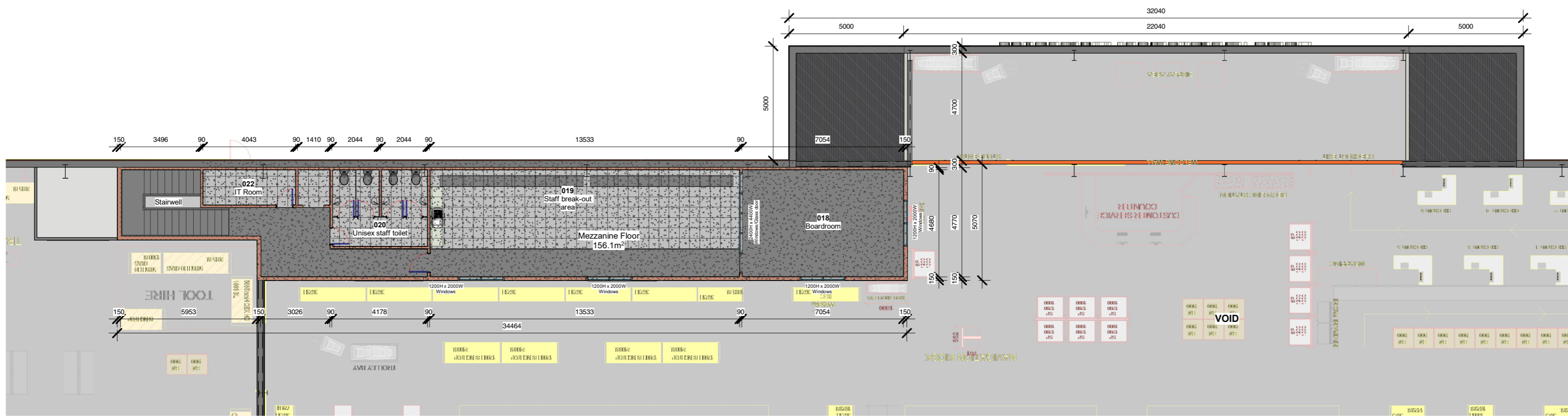
1 Ground Floor
1 : 400



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1 Ground Floor Entrance
1 : 150



2 First Floor Office
1 : 150

PROJECT:
Mitre10 Mega - Retail
Development concept plans

CLIENT:
Miles Andrews

SITE ADDRESS:
Prestons Road, Marshland
Christchurch, New Zealand

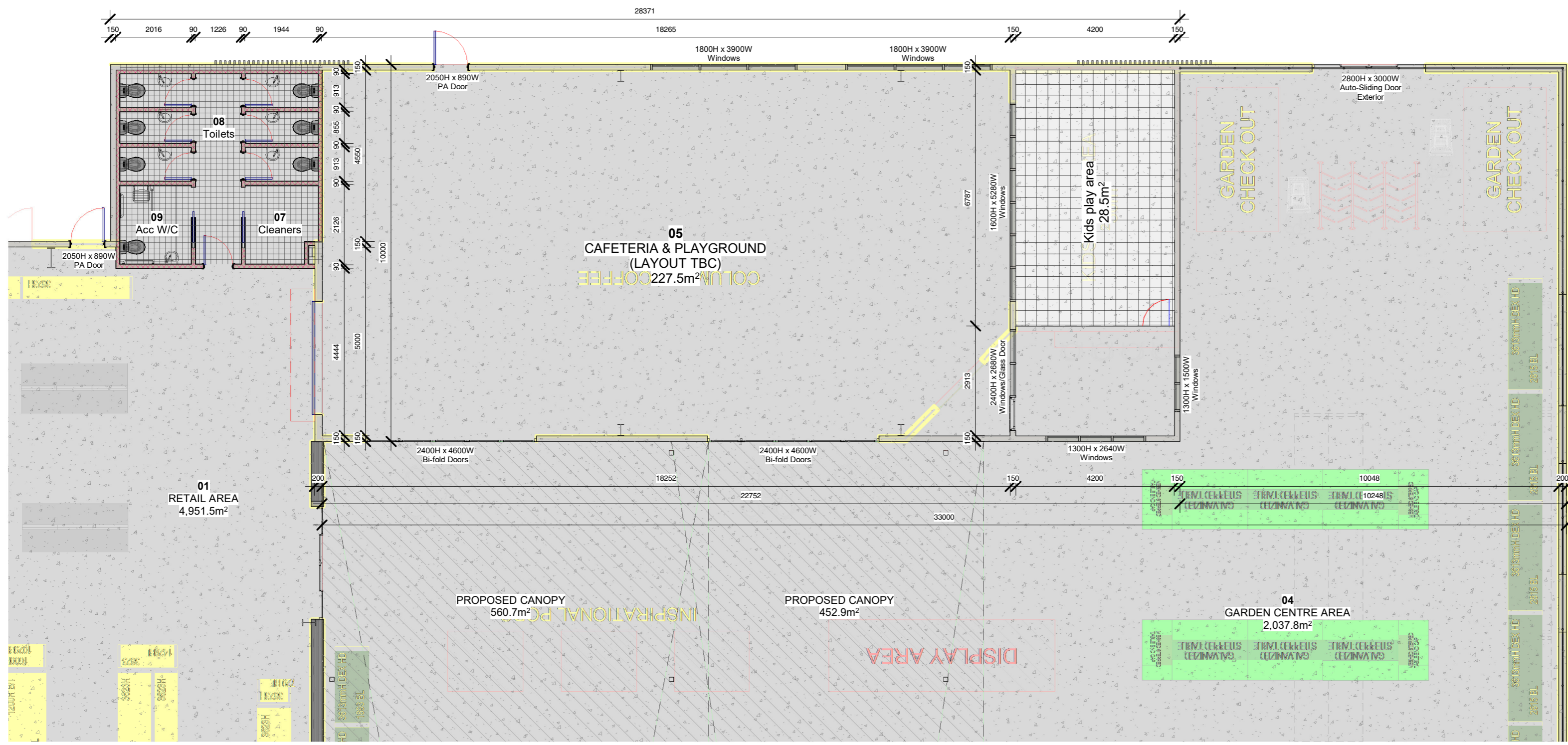
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Sheet: Office Callout Plans **Sheet No:** C03-1

Scale @ A2: 1 : 150 **Scale Conversion:**
A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:42:40 pm





1 Cafeteria Callout
1 : 100

PROJECT:
Mitre10 Mega - Retail Development concept plans

CLIENT:
Miles Andrews

SITE ADDRESS:
Prestons Road, Marshland Christchurch, New Zealand

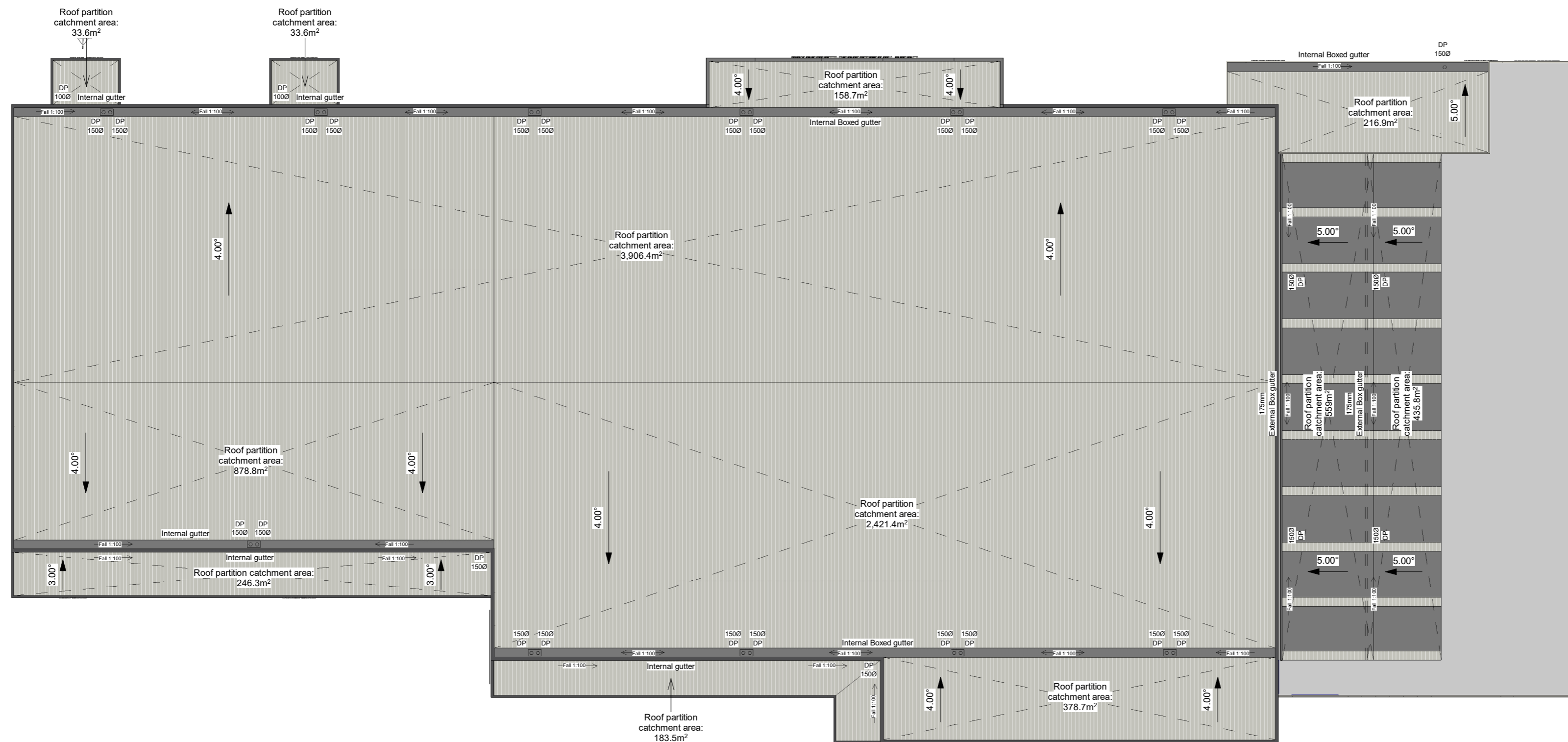
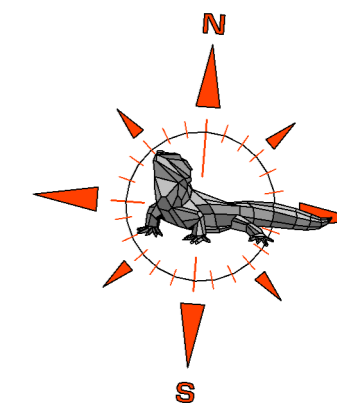
Project No: 23-041 R17 **Drawn By:** RES

Sheet: Cafeteria Callout **Sheet No:** C03-2

Scale @ A2: 1 : 100 **Scale Conversion:** A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:42:44 pm





1 Roof View
1 : 400

PROJECT:
Mitre10 Mega - Retail Development concept plans

CLIENT:
Miles Andrews

SITE ADDRESS:
Prestons Road, Marshland Christchurch, New Zealand

Project No: 23-041 R17 **Drawn By:** RES

Sheet: Roof View **Sheet No:** C03-3

Scale @ A2: 1 : 400 **Scale Conversion:** A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:42:46 pm

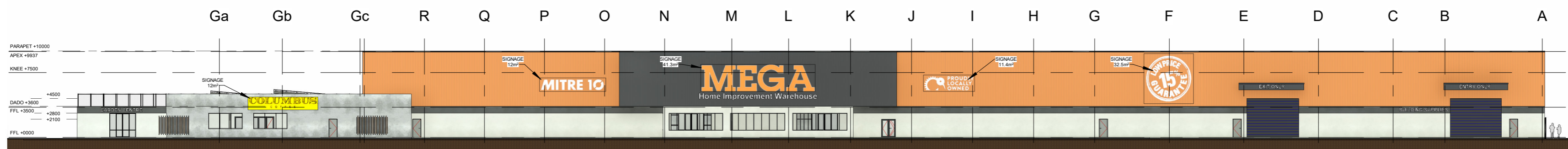




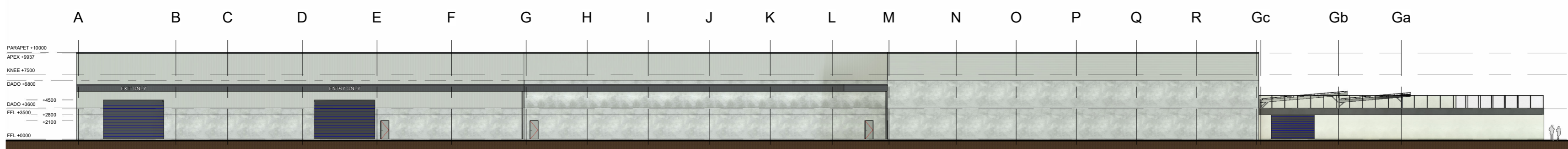
1 Road Elevation North
1 : 350

PROJECT:	
Mitre10 Mega - Retail Development concept plans	
CLIENT:	
Miles Andrews	
SITE ADDRESS:	
Prestons Road, Marshland Christchurch, New Zealand	
Project No: 23-041 R17	Drawn By: RES
Sheet: Elevation	Sheet No: E02-3
Scale @ A2: 1 : 350	Scale Conversion: A2 to A3 = 71% A3 to A2 = 141%
Date: 18/12/2024	Rev Date: 18/12/2024 4:21:10 pm

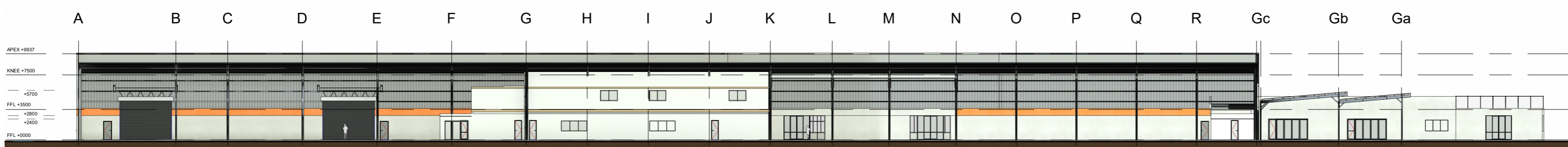




1 North Elevation
1 : 400



2 South Elevation
1 : 400



3 Logitudinal Section
1 : 400

PROJECT:
Mitre10 Mega - Retail
Development concept plans

CLIENT:
Miles Andrews

SITE ADDRESS:
Prestons Road, Marshland
Christchurch, New Zealand

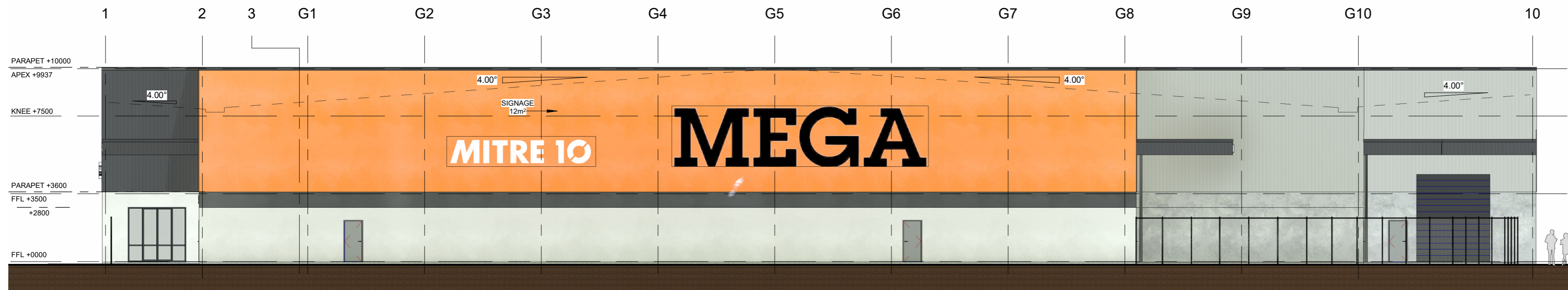
Project No: 23-041 R17 **Drawn By:** RES

Sheet: Elevations & Section **Sheet No:** C04

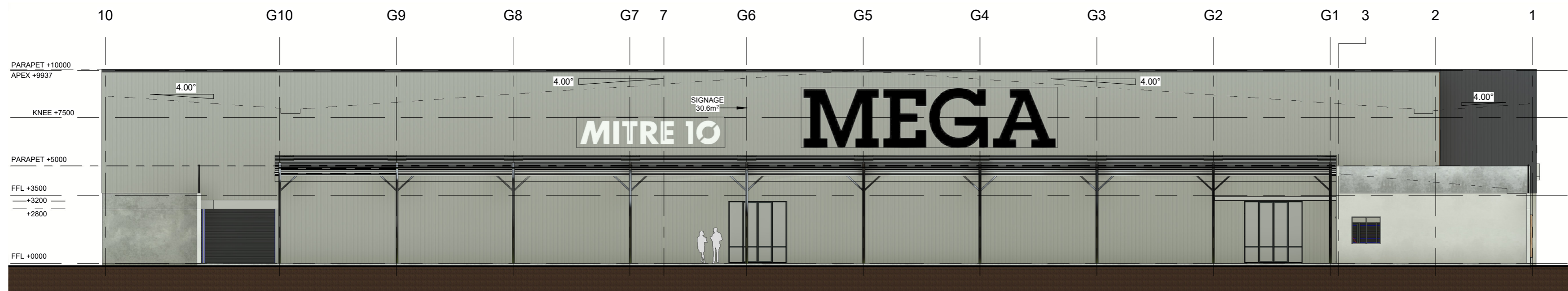
Scale @ A2: 1 : 400 **Scale Conversion:**
A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:43:04 pm





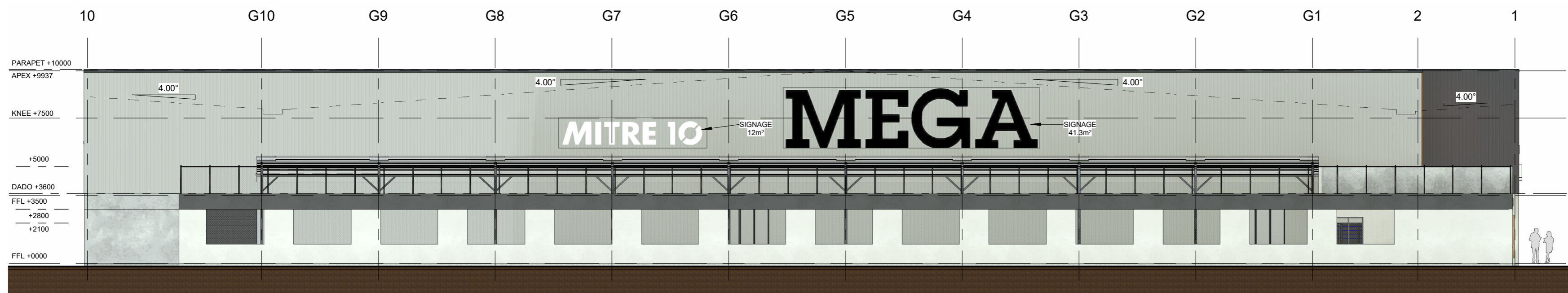
1 West Elevation A
1 : 175



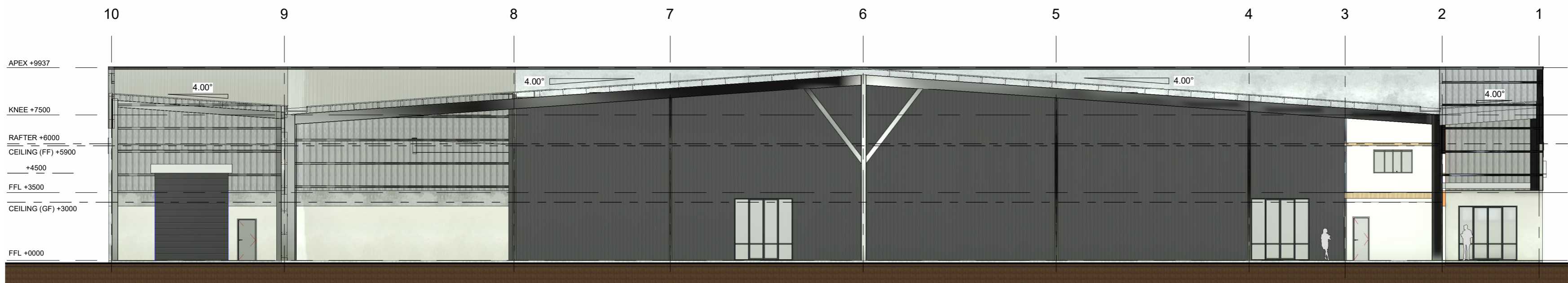
2 West Elevation B
1 : 175

PROJECT:	
Mitre10 Mega - Retail Development concept plans	
CLIENT:	
Miles Andrews	
SITE ADDRESS:	
Prestons Road, Marshland Christchurch, New Zealand	
Project No: 23-041 R17	Drawn By: RES
Sheet: Elevations	Sheet No: C04-1
Scale @ A2: 1 : 175	Scale Conversion: A2 to A3 = 71% A3 to A2 = 141%
Date: 13/10/2022	Rev Date: 13/12/2024 12:43:15 pm





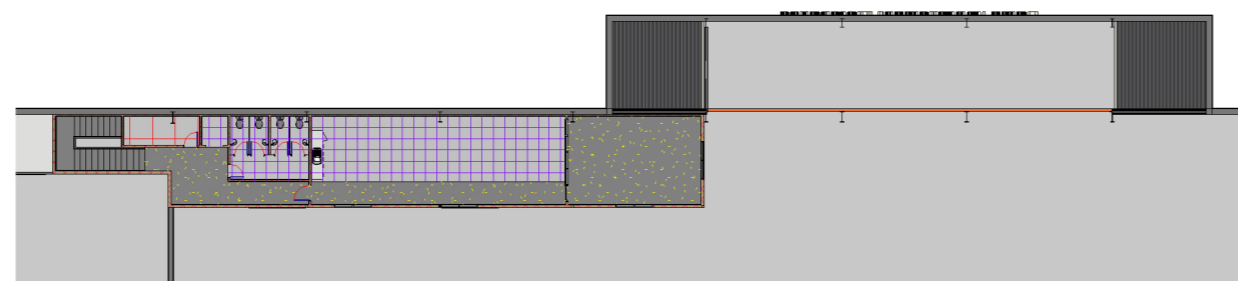
2 East Elevation
1 : 175



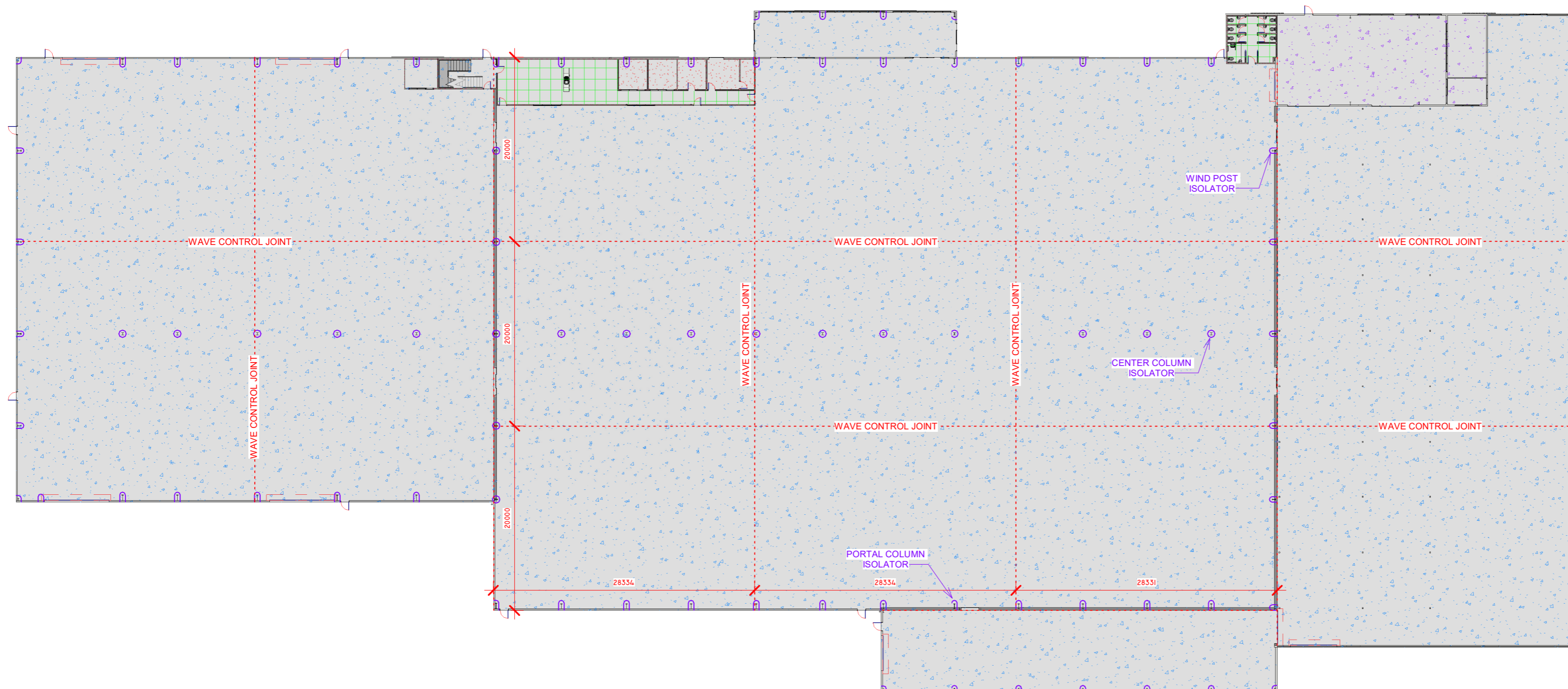
1 Cross Section
1 : 175

PROJECT:	
Mitre10 Mega - Retail Development concept plans	
CLIENT:	
Miles Andrews	
SITE ADDRESS:	
Prestons Road, Marshland Christchurch, New Zealand	
Project No: 23-041 R17	Drawn By: RES
Sheet: Elevation & Section	Sheet No: C04-2
Scale @ A2: 1 : 175	Scale Conversion: A2 to A3 = 71% A3 to A2 = 141%
Date: 13/10/2022	Rev Date: 13/12/2024 12:43:29 pm





2 First Floor Finishes
1 : 400



1 Ground Floor Finishes
1 : 400

- Commercial grade Carpet tiles with aluminium skirting over Aquron 2000 cure/moisture control - 47.9m²
- Commercial grade Vinyl with coving over Aquron 2000 cure/moisture control - 111.8m²
- Concrete Aquron 1000 cure/anti-duster - 9,981.8m²
- Polished Concrete salt & pepper finish - 219.2m²
- Commercial grade Carpet tiles with aluminium skirting over plywood & floor framing - 65.1m²
- Commercial grade Vinyl with coving over plwood & floor framing - 64.2m²
- Anti-static Vinyl with aluminium skirting over plwood & floor framing - 6.2m²

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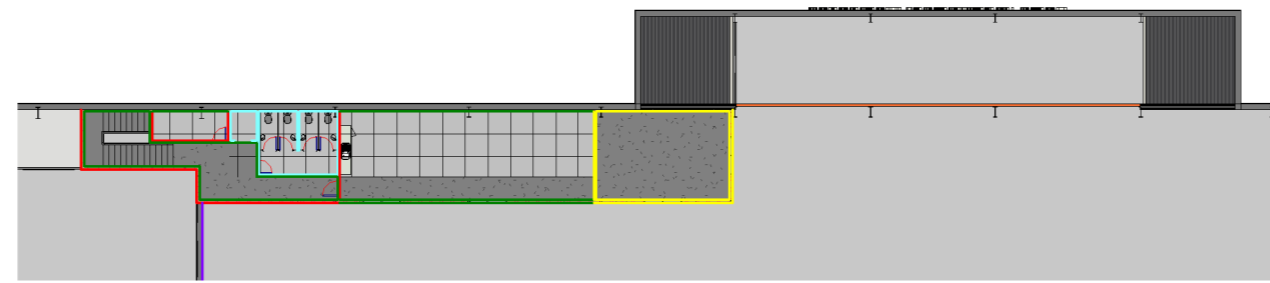
Project No: 23-041 R17 Drawn By: RES

Sheet: Floor Finishes Plan Sheet No: C05-1

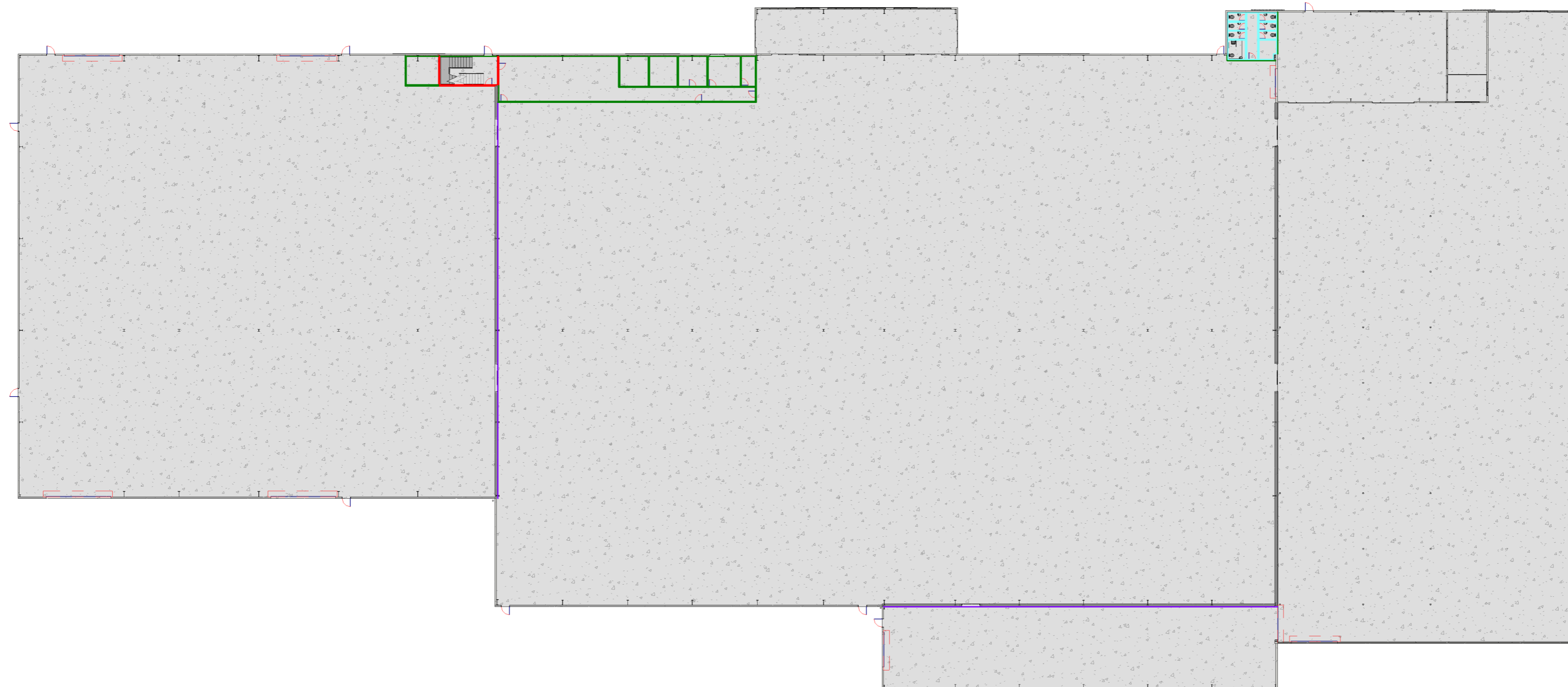
Scale @ A2: Scale Conversion:
1 : 400 A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 Rev Date: 13/12/2024 12:43:31 pm





2 First Floor Wall Linings
1 : 400



1 Ground Floor Wall Linings
1 : 400

- - Standard 13mm Plasterboard
- - Water resistant 13mm Plasterboard
- - Acoustic noise control 13mm Plasterboard
- - 30min Fire-resistant 13mm Plasterboard
- - 27mm Plumbdek cladding (full height)

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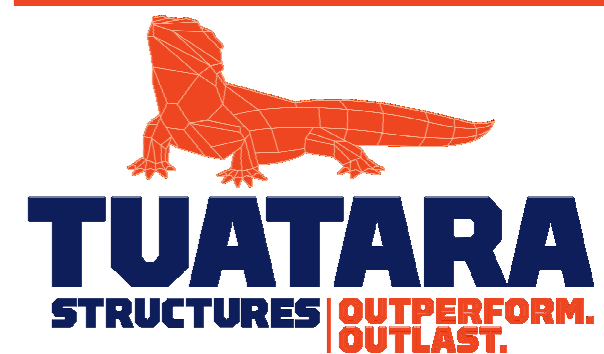
SITE ADDRESS:
Prestons Road, Marshland
Christchurch, New Zealand

Project No: 23-041 R17 **Drawn By:** RES

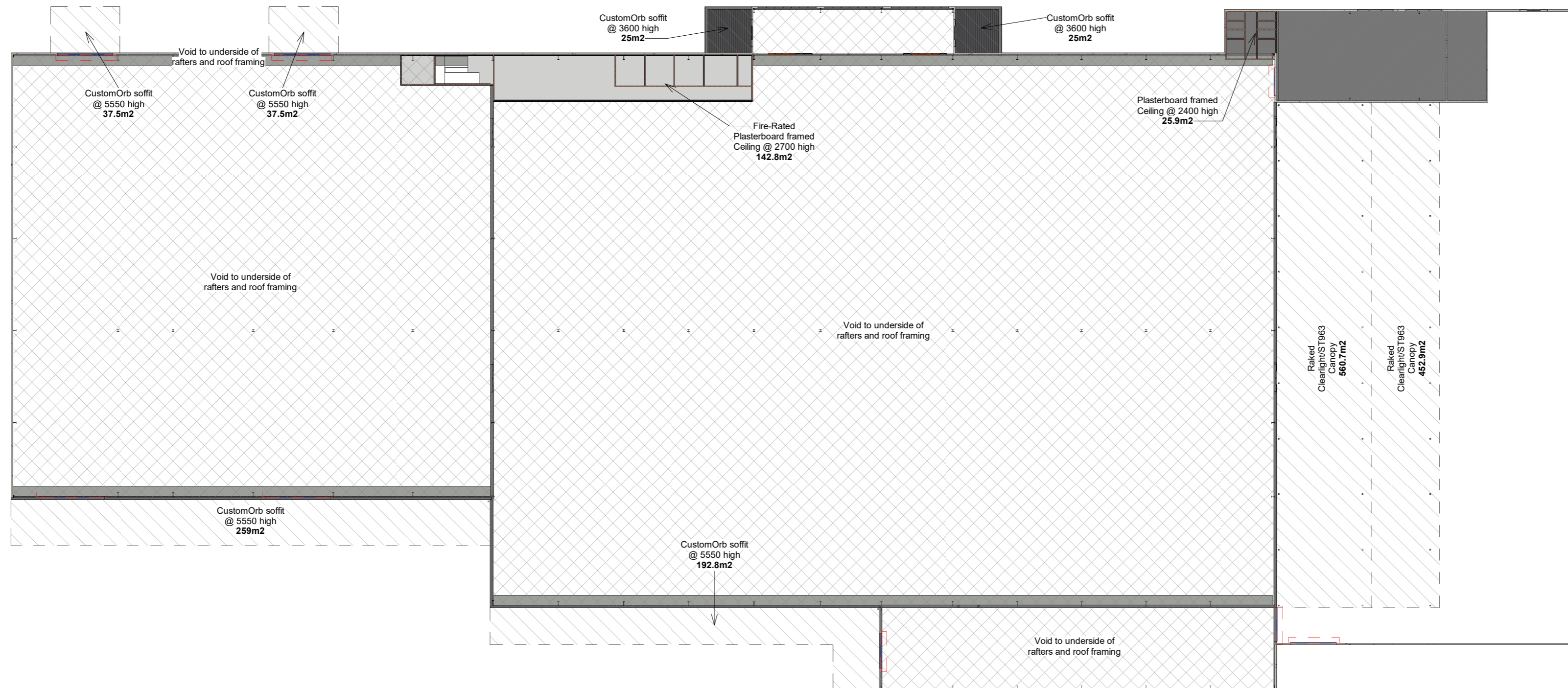
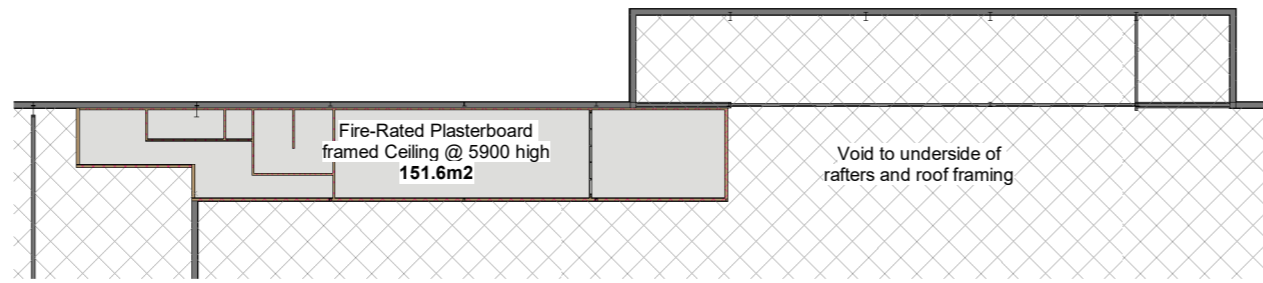
Sheet: Wall Linings Plan **Sheet No:** C05-2

Scale @ A2: 1 : 400 **Scale Conversion:**
A2 to A3 = 71%
A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:43:33 pm



2 First Floor Ceiling Plan
1 : 400



1 Ground Floor Ceiling Plan
1 : 400

PROJECT:
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CLIENT:
Miles Andrews

SITE ADDRESS:
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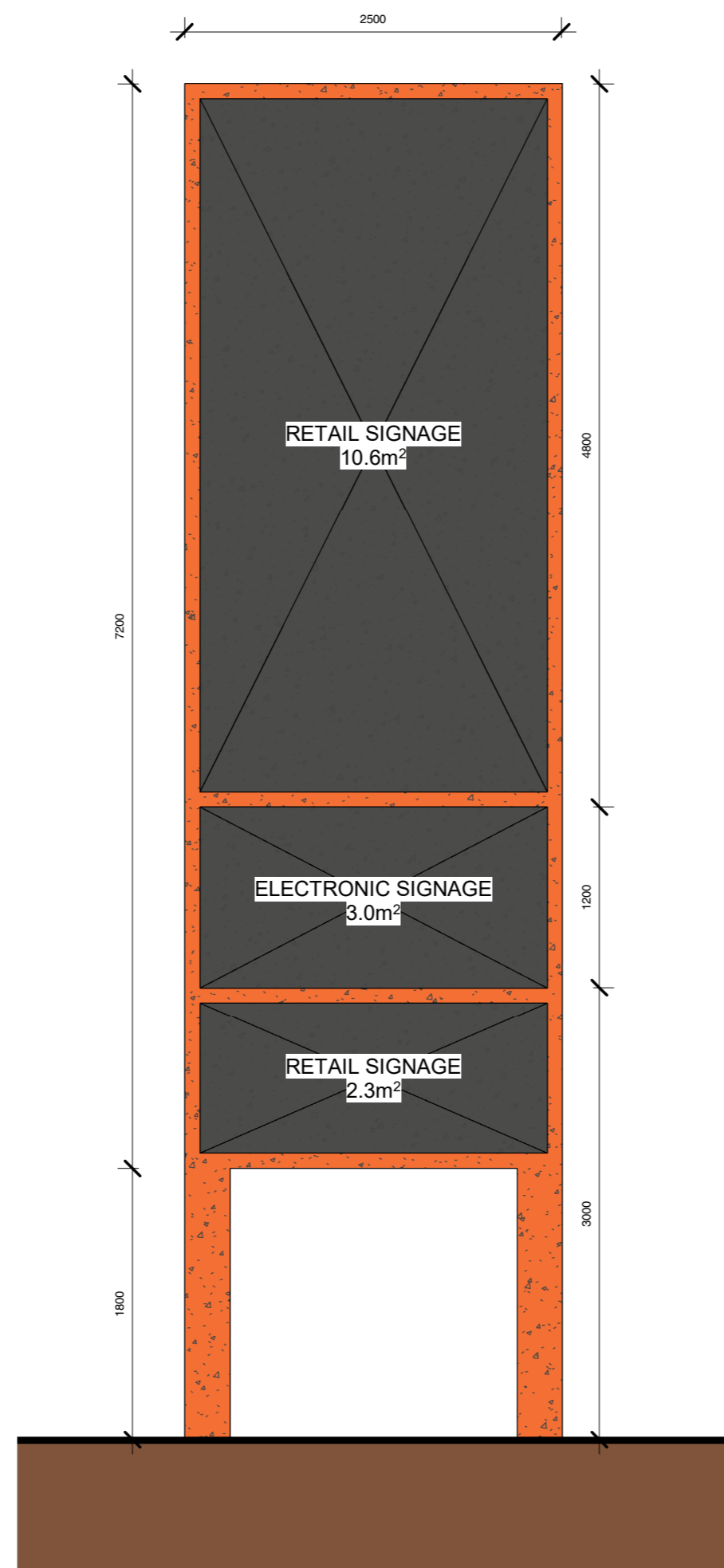
Project No: 23-041 R17 **Drawn By:** RES

Sheet: Ceiling Plan **Sheet No:** C05-3

Scale @ A2: 1 : 400 **Scale Conversion:** A2 to A3 = 71% A3 to A2 = 141%

Date: 13/10/2022 **Rev Date:** 13/12/2024 12:43:34 pm





1 Signage Pylon Elevation
1 : 40

PROJECT:	
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CLIENT:	
Miles Andrews	
SITE ADDRESS:	
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Project No: 23-041 R17	Drawn By: RES
Sheet: Pylon Elevation	Sheet No: C05-4
Scale @ A2: 1 : 40	Scale Conversion: A2 to A3 = 71% A3 to A2 = 141%
Date: 13/10/2022	Rev Date: 13/12/2024 12:43:35 pm

