

PROPOSED CHILDCARE
118-122 GURNEY ROAD, CHESTER HILL

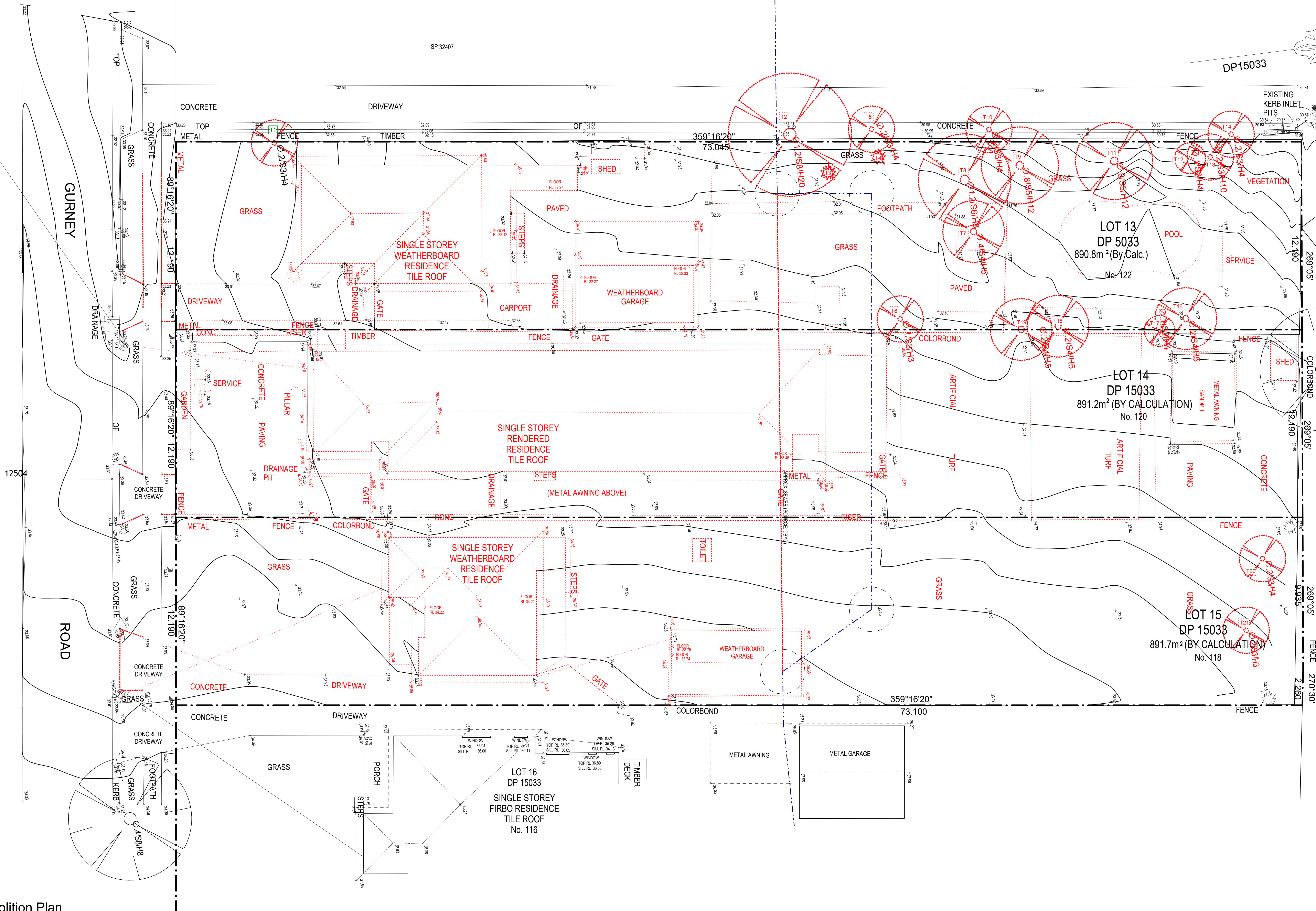


Advanced Architecture & Construction Pty / Ltd	PROPOSED CHILDCARE CENTRE FOR 156 CHILDREN 118-122 Gurney Rd, Chester Hill	
	Nominated Architect: Noura Yammine Email : n.yammine@advancedarchitecture.com.au	NSW ARB Reg. No. : 6139 Mob: 0413 533 125
	Scale: @ A0	Drawn by: M.M
	Date: Nov 2023	Rev: C (August 2024)
	Figured dimensions to be taken in preference to scaled. Verify all dimensions.	Drawing No: 999306 - 00

LEGEND

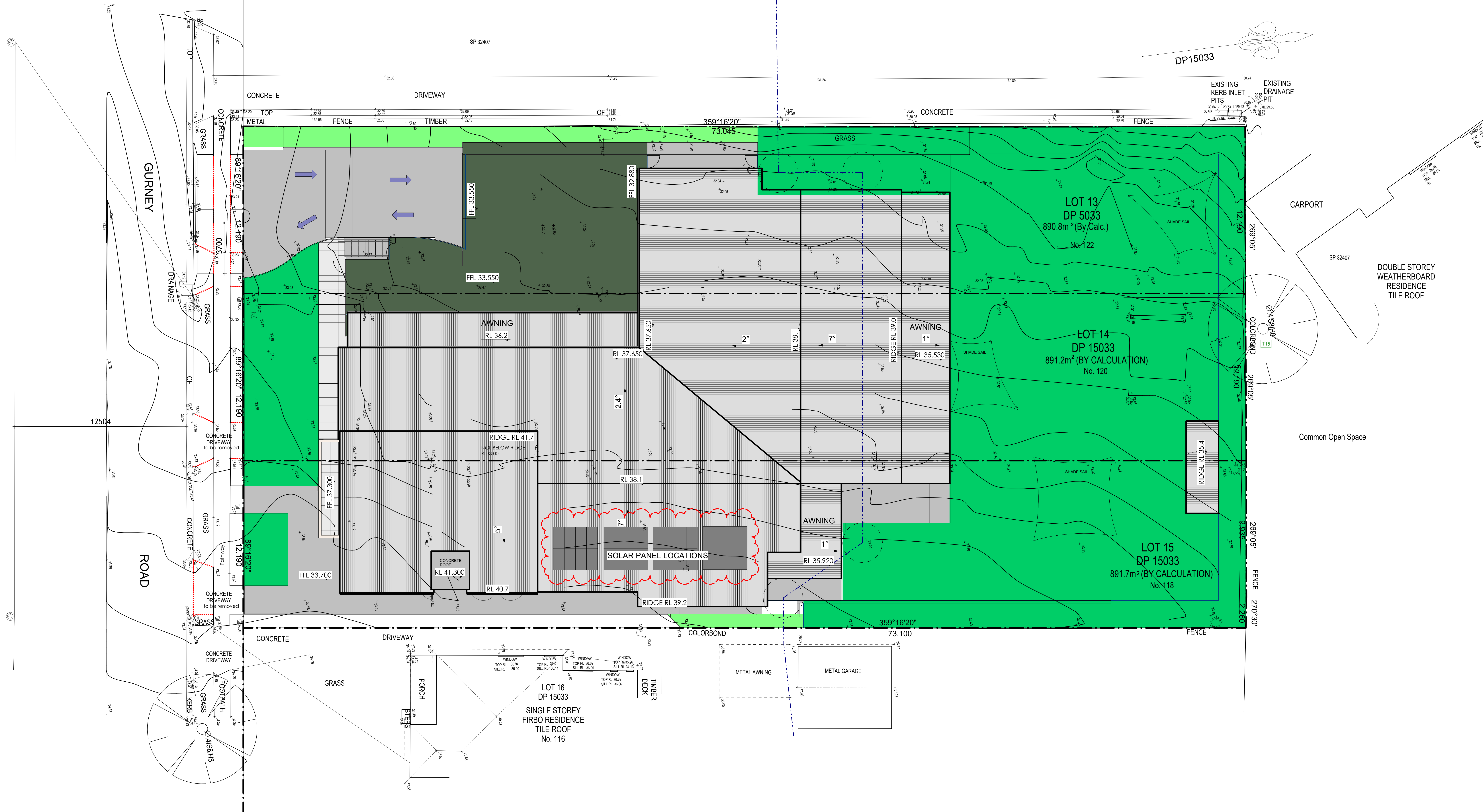
- △ BENCH MARK
- ☒ COMMUNICATION PIT
- ⊠ GAS METER
- ⊠ WATER METER
- ⊠ SEWER VENT
- ⊠ WATER TAP
- ELECTRICITY POWER LINE
- ⊙ POWER POLE
- GF : TOP OF GUTTER
- BW : BOTTOM OF WINDOW
- TW : TOP OF WINDOW
- ⊙ S:3 (SPREAD)
- ⊙ Ø:0.3 (DIAMETER)
- ⊙ H:10 (HEIGHT)
- ⊙ SHRUB
- ⊙ HYDRANT
- ⊙ SMH
- ⊙ STREET SIGN

1 Demolition Plan
1:100



Demolition Plan

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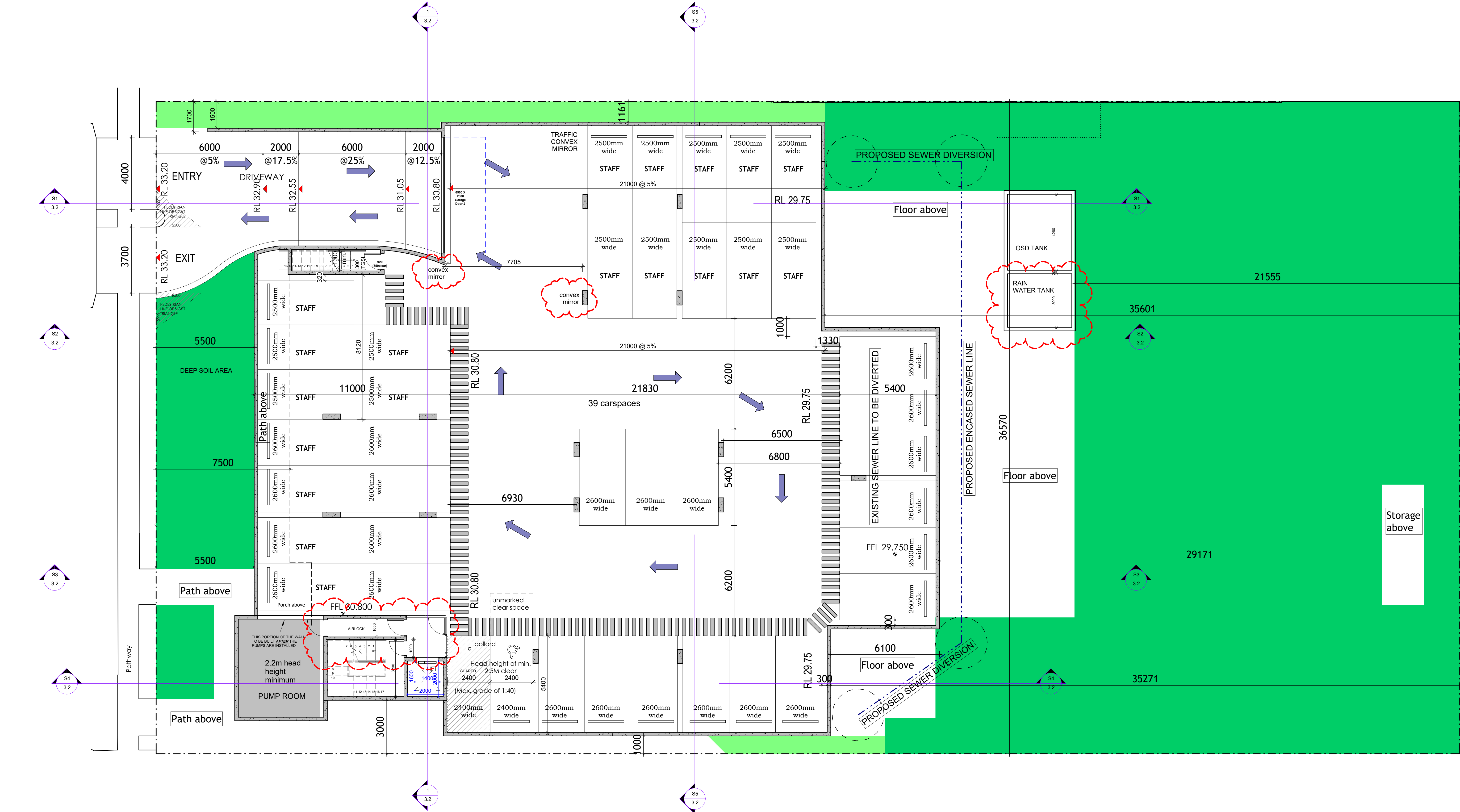
1 ROOF PLAN
1 : 100

ECOLOGICALLY SUSTAINABLE MATERIALS

- ALL WINDOWS AND SLIDING DOORS ARE TO BE CHOSEN FROM THE ALSPEC GREENCORE RANGE OF LOW CARBON ALUMINIUM: Low-carbon material and energy-efficient.
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Roof Plan

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1 BASEMENT
1 : 100

1 space per 4 children (as per Child Care Planning Guidelines 2021)
156 / 4 = 39 carspaces required and provided

Basement Plan

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1 BASEMENT with Survey
1 : 100

Site Plan / Basement

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LEGEND

- △ BENCH MARK
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- HYDRANT
- SMH
- STREET SIGN



1 SITE PLAN 1:100

SITE ANALYSIS LEGEND

PEDESTRIAN ACCESS ↑

VEHICLE ACCESS ↑

BASEMENT EMERGENCY EXITS ↑

SUMMER BREEZES (NORTH-EASTERLY) ↑

WINTER WINDS (SOUTH-WESTERLY) ↑

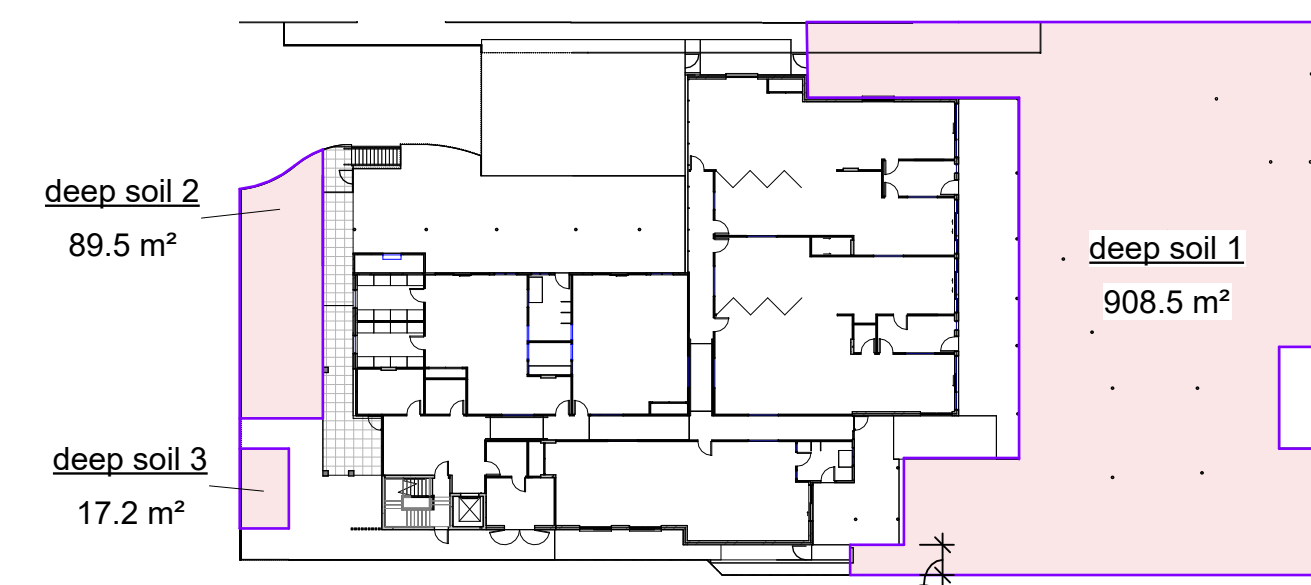
Indoor Play Area Schedule				
Name	Department	Area	Area Req'd	Staff Req'd
1	16 children (0-1 years)	58.3 m²	52	4
2	20 children (1-2 years)	65.5 m²	65	5
3	30 children (2-3yrs)	97.6 m²	97.5	6
4	25 children (3-6yrs)	82.1 m²	81.25	3
5	20 children (3-6 years)	66.9 m²	65	2
6	20 children (3-6yrs)	66.3 m²	65	2
7	25 children (3-6 years)	82.0 m²	81.25	3
Grand total	156 children	517.6 m²	507m²	27

Outdoor Play Area Schedule			
Name	Department	Area	Area Req'd
O.1	36 Children (0-2yrs)	254.7 m ²	252
O.2	120 children (2-6 years)	851.3 m ²	840
Grand total: 2		156 children	1106.0 m ²

1 space per 4 children (as per Child Care Planning Guidelines 2021)
156 / 4 = 39 carspaces required and provided

BINS
Waste : 25L/child/week = 25L X 156 = 3,900L (/2 = 1,950L) 2x1100L BINS PROVIDED : COLLECTION TWICE A WEEK
Recycle: 25L/child/week = 25L X 156 = 3,900L (/2 = 1,950L) 2x1100L BINS PROVIDED : COLLECTION TWICE A WEEK

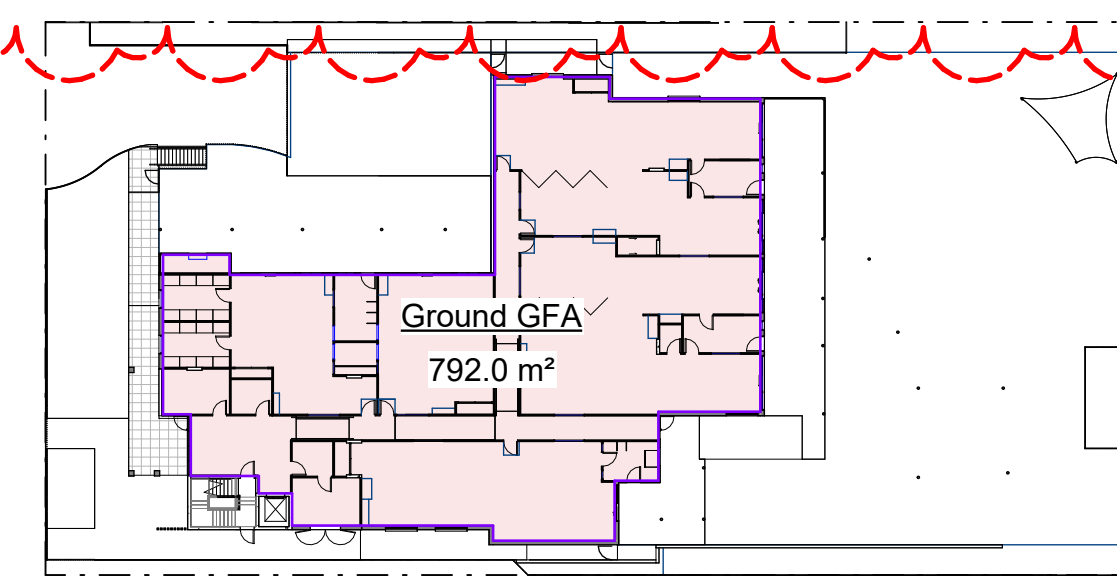
2 Deep Soil >2m Calc. 1:500



ECOLOGICALLY SUSTAINABLE MATERIALS

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3 Gross Floor Area 1:500



4 First Floor 1:500

Total Site Area 2,673.7m ²	
Floor Area Schedule	
Name	Area
Deep Soil Calc (>2m)	1015.1 m ²
Ground GFA	792.0 m ²
First F GFA	98.7 m ²
	FSR 0.33:1

Site Plan / Site Analysis

Construction Pty / Ltd

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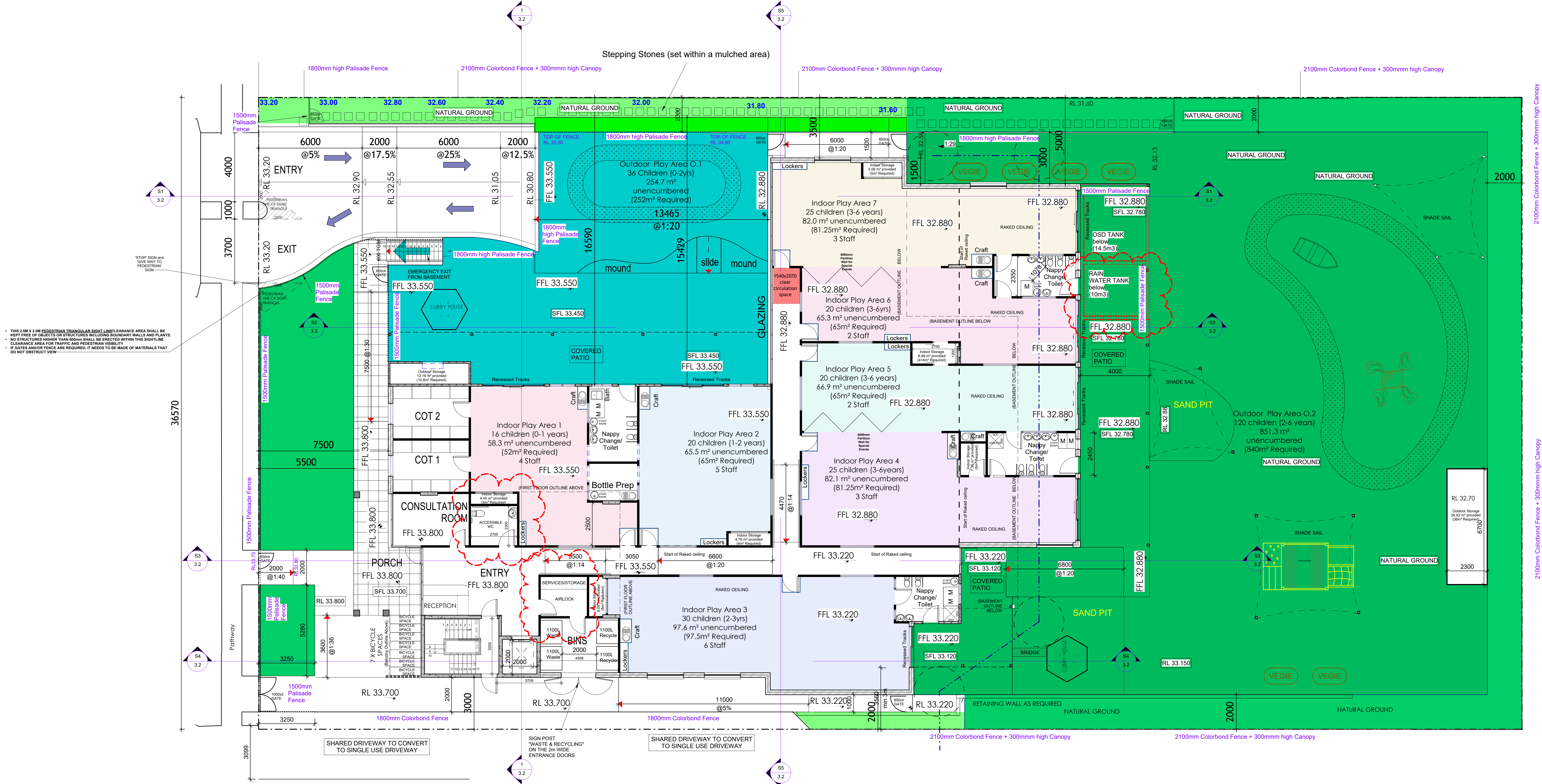
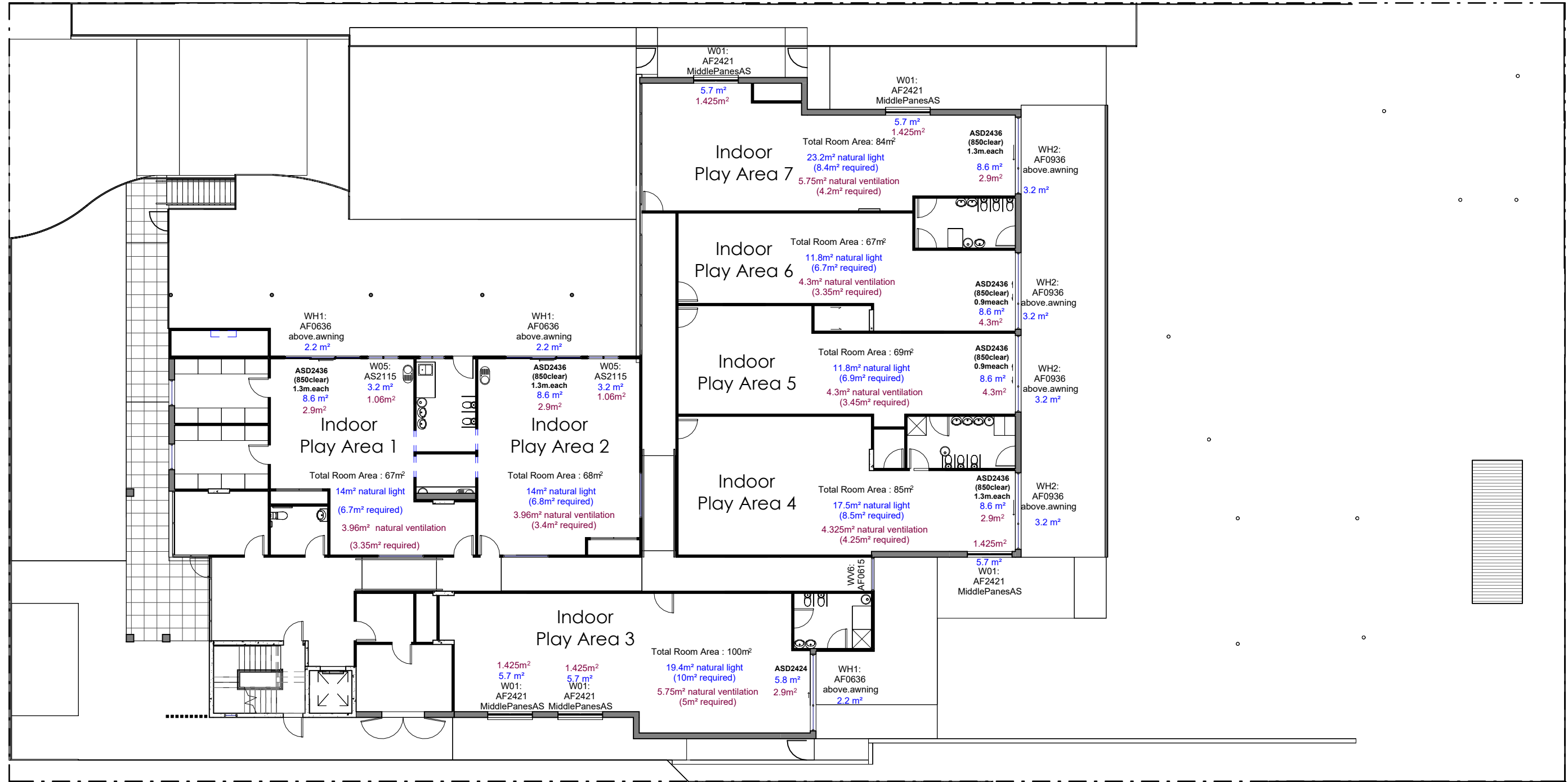
Drawing No: 999306 - 2.0

ACOUSTIC RECOMMENDATIONS

8 RECOMMENDATIONS

The following is recommended in order to adhere to the requirements outlined within Section 6 of this document:

- There is to be no more than the nominated 152 children within the childcare at a given time.
- Outdoor playtime is restricted to a maximum of 2 hours within the morning period of trade, and 2 hours within the afternoon period, on a given operational day.
- There is to be a maximum of 36 children within the western outdoor play area (O.1), and a further 60 children within the northern outdoor play area (O.2 and O.3) at a given time. There is to be a maximum of 96 children within the outdoor play areas at a given time.
- There is to be a maximum of 40 children aged between 3 and 6 within outdoor play areas at a given time. Amounts of children in all other age ranges are unrestricted at a given time, provided the overall maximum number of children is adhered to.
- The entry doors highlighted within the figure below are to remain closed at all times during hours of operation, exclusive of child or carer ingress/egress through the door. All other doors are able to remain open if desired.
- A 2.1m high fence, inclusive of an additional 300mm high canopy, is required to be constructed to the extent nominated within Figure 11 below. The fence is to be solid and imperforate, and constructed of minimum 6mm FC sheet, 0.48mm sheet metal, lapped and capped timber or any other equivalent material. Canopy construction detailing is visualised within Appendix B.
- No music systems are to be used in the outdoor play areas at any time.
- Any amplified music or use of internal speaker systems is not to exceed 65 dB(A) L_{eq} (background music only).
- All staff should be given appropriate training in relation to the acoustic impacts and requirements in terms of operation of the facility, and management is to ensure children are supervised at all times to minimise noise generated by the children whenever practical and possible.
- Signs are to be installed at childcare ingress and egress points to remind staff and visitors to minimise noise at all times.
- A contact phone number is to be shown at the entrance of the facility of the centre so that any complaints regarding the centre's operation can be made.
- Mechanical plant is only to operate during proposed hours.
- Once a Child Care Centre operator has been determined, a noise management plan and complaints handling procedure should be prepared by the operator.



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Ground Floor Plan and Natural Light & Ventilation Calcs.

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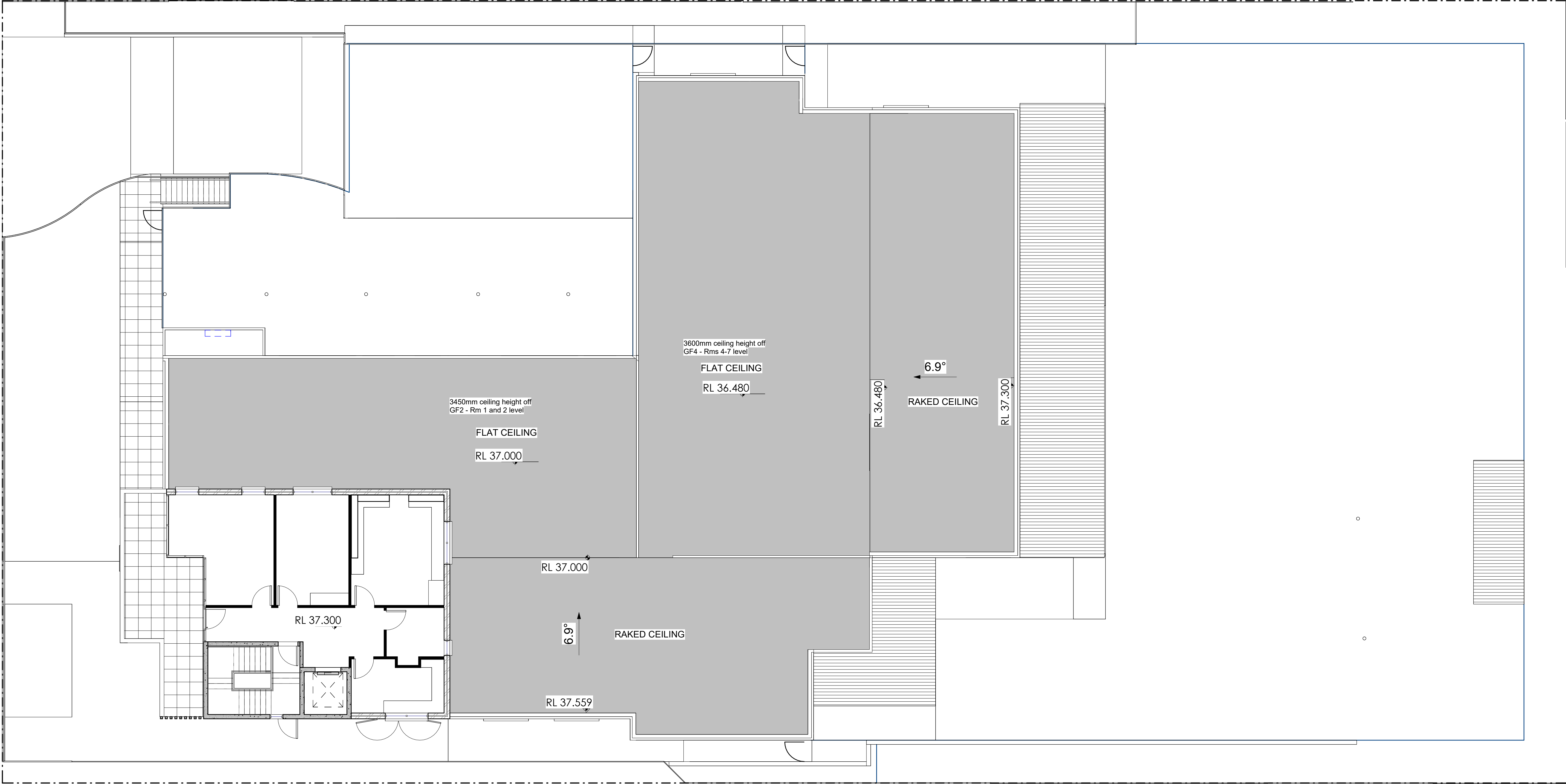
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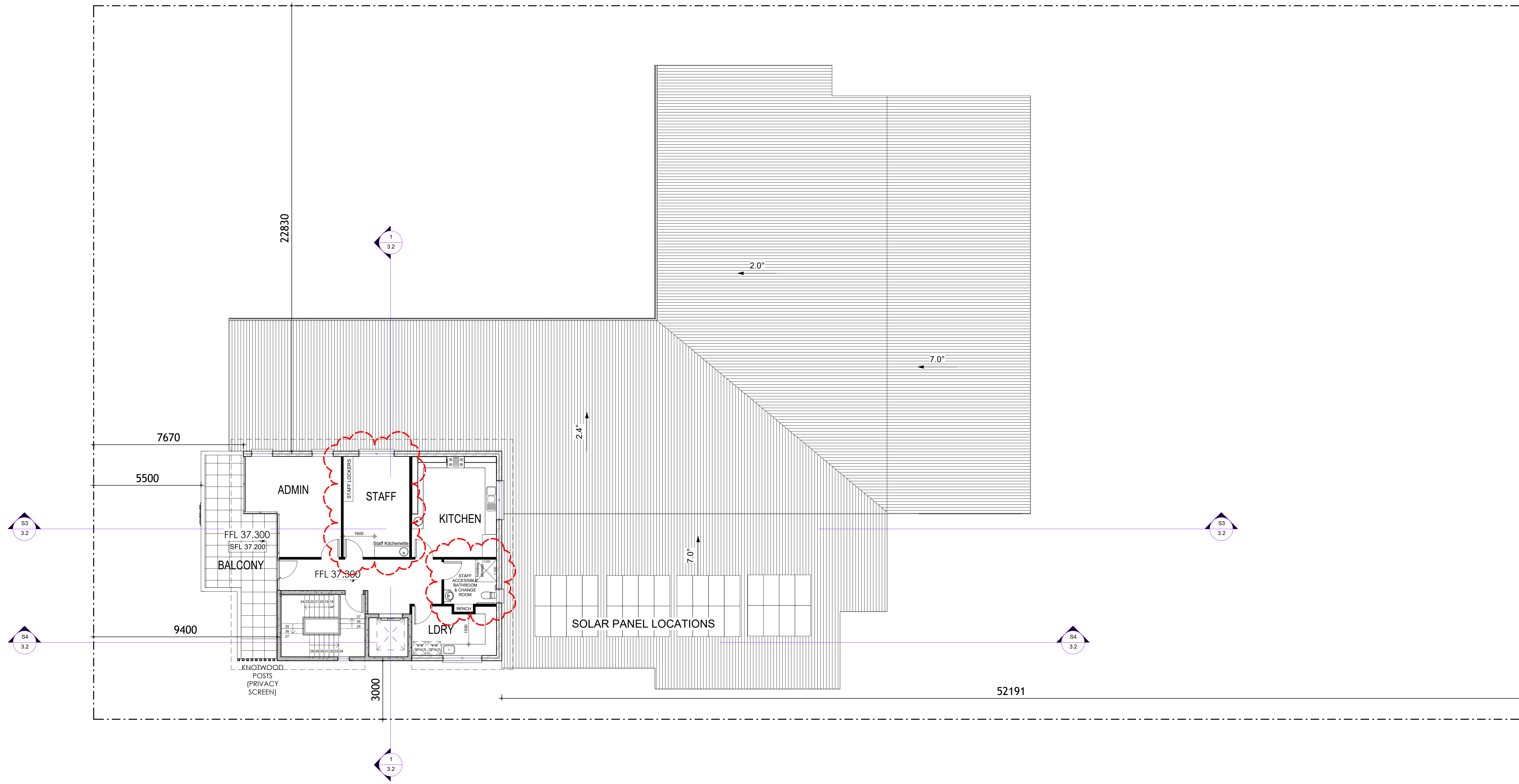
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2 Ground Floor Ceiling Plan
1 : 100

Ground Floor Ceiling

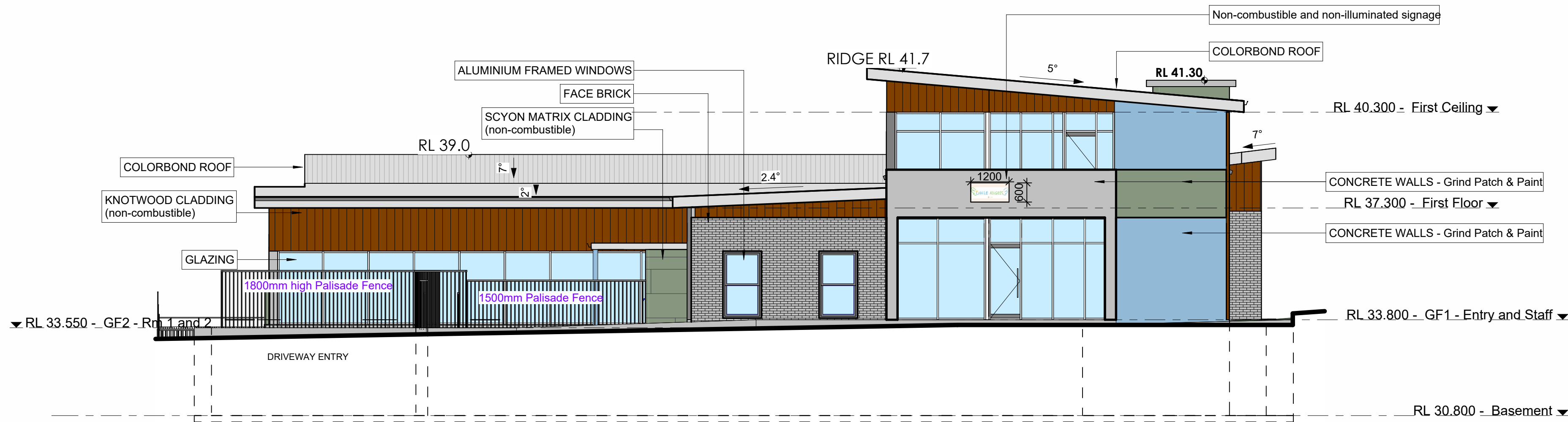
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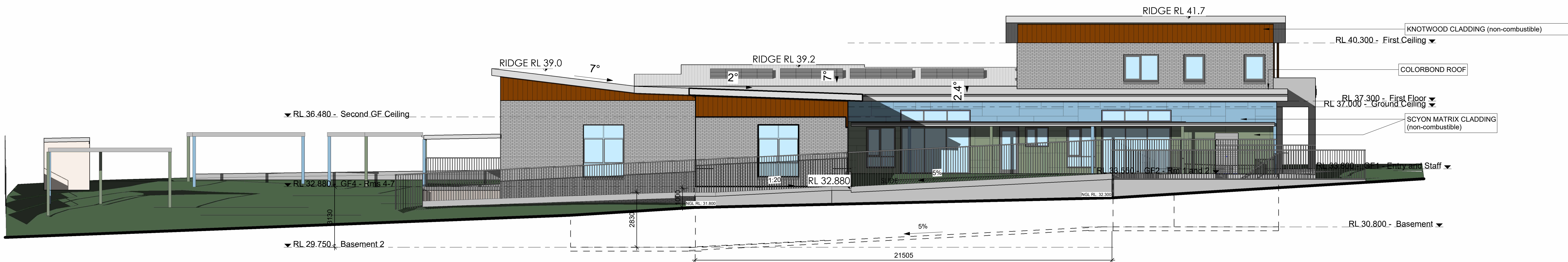
1 First Floor
1 : 100

First Floor Plan

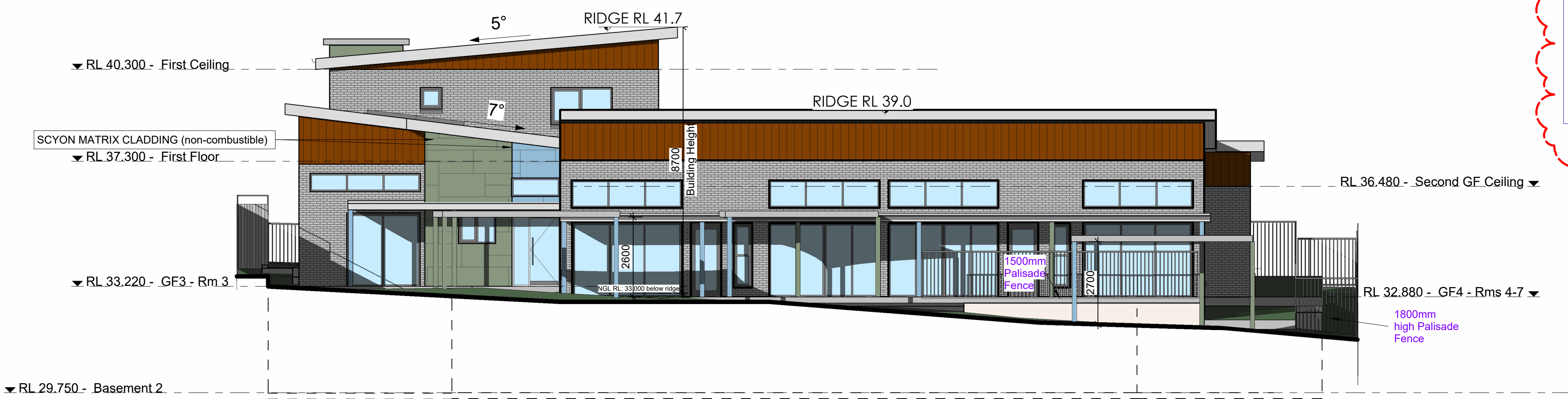
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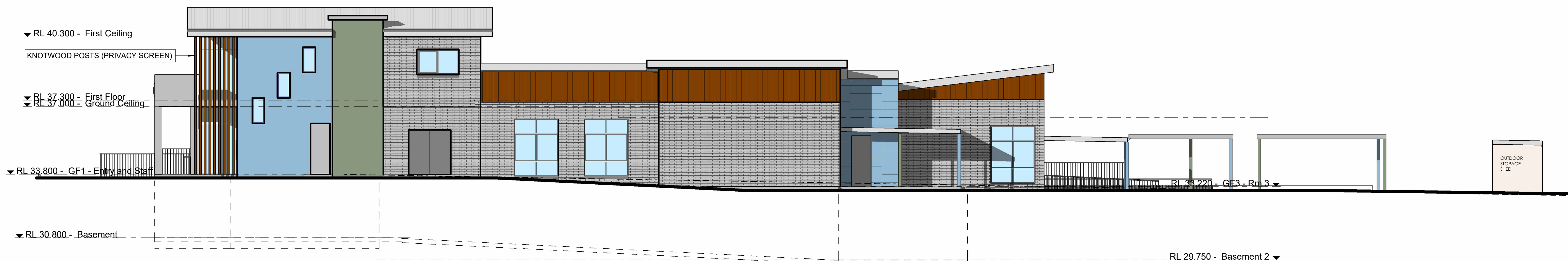
1 Southern Elevation
1 : 100



2 Western Elevation
1 : 100



3 Northern Elevation
1 : 100



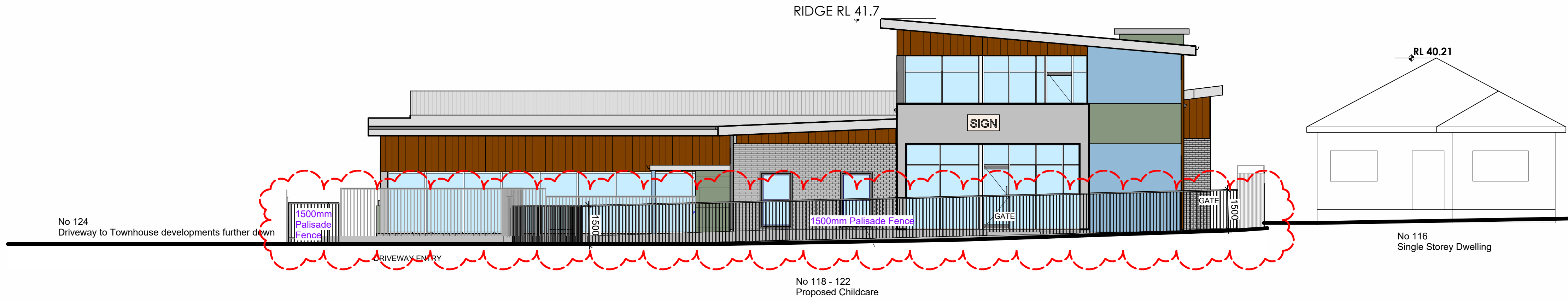
4 Eastern Elevation
1 : 100

ECOLOGICALLY SUSTAINABLE MATERIALS

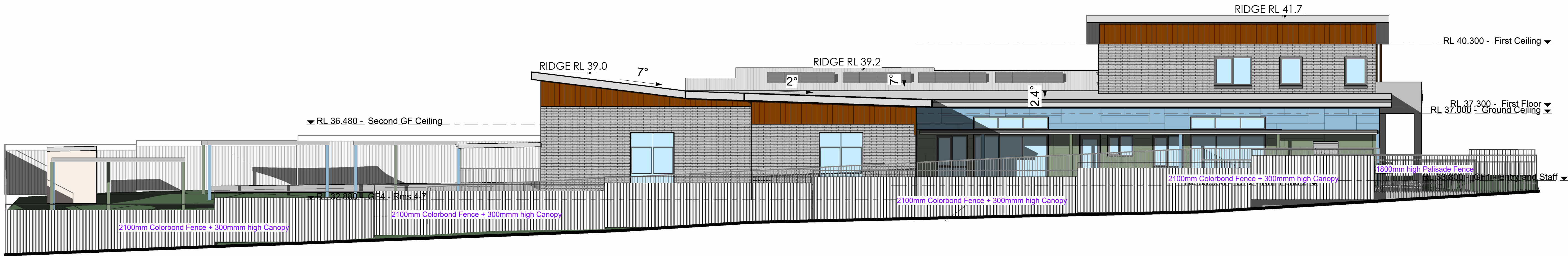
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Elevations

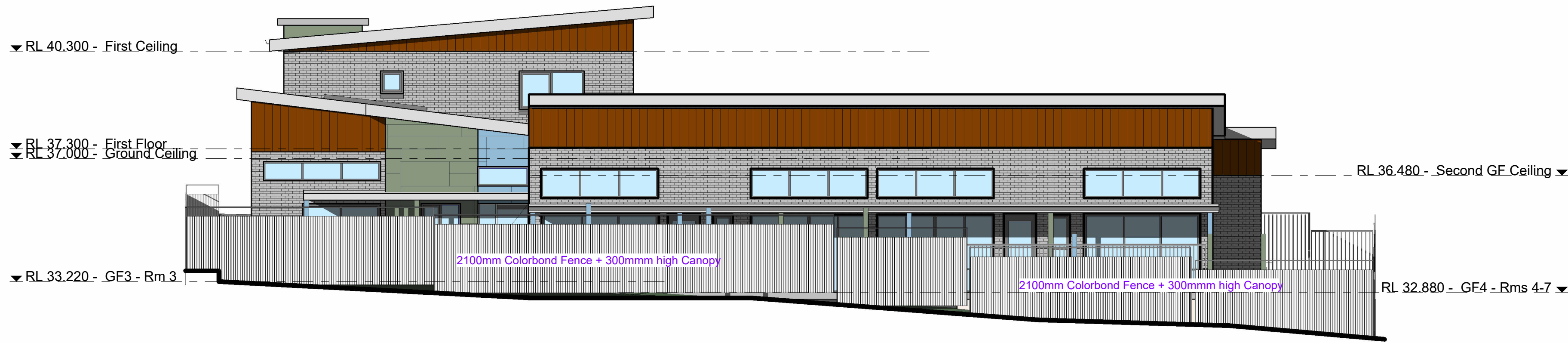
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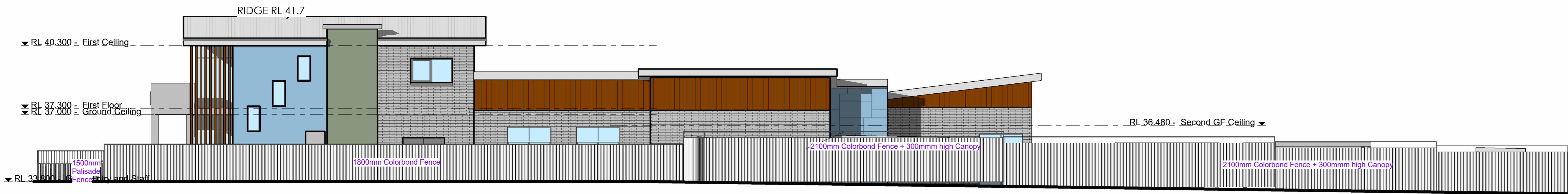
1 Southern Elevation -Front Fence & Streetscape
1 : 100



2 BOUNDARY FENCES - Western Elevation
1 : 100



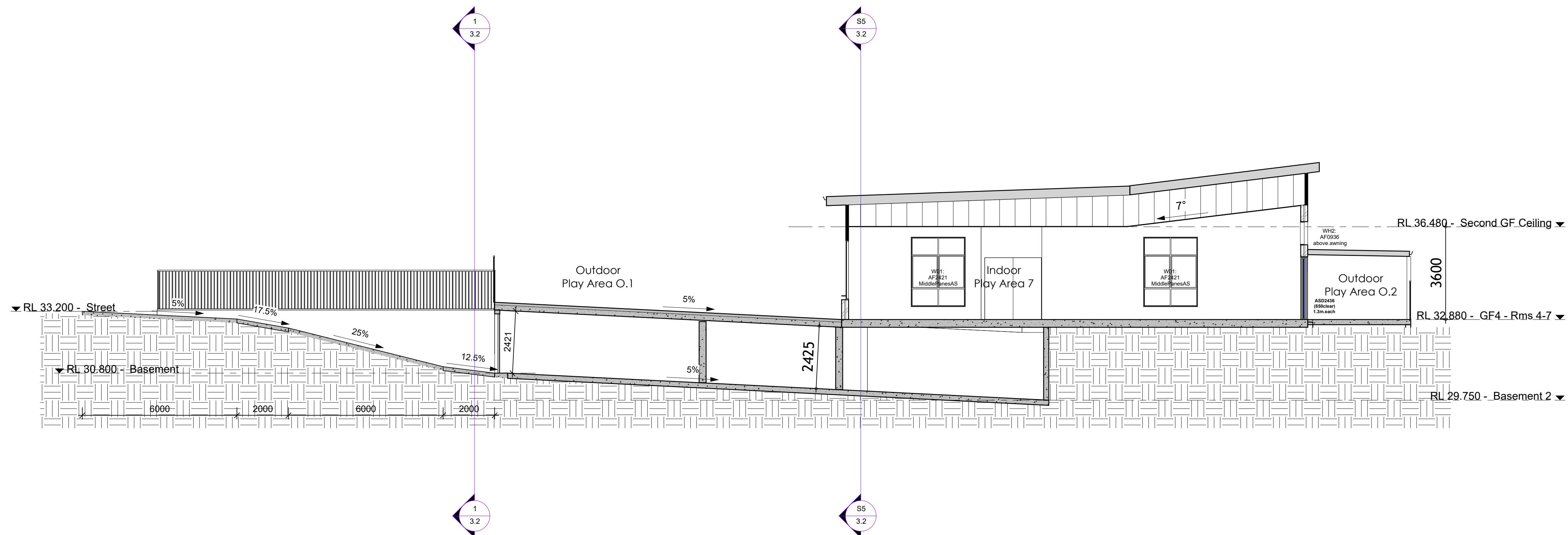
3 BOUNDARY FENCE - Northern Elevation
1 : 100



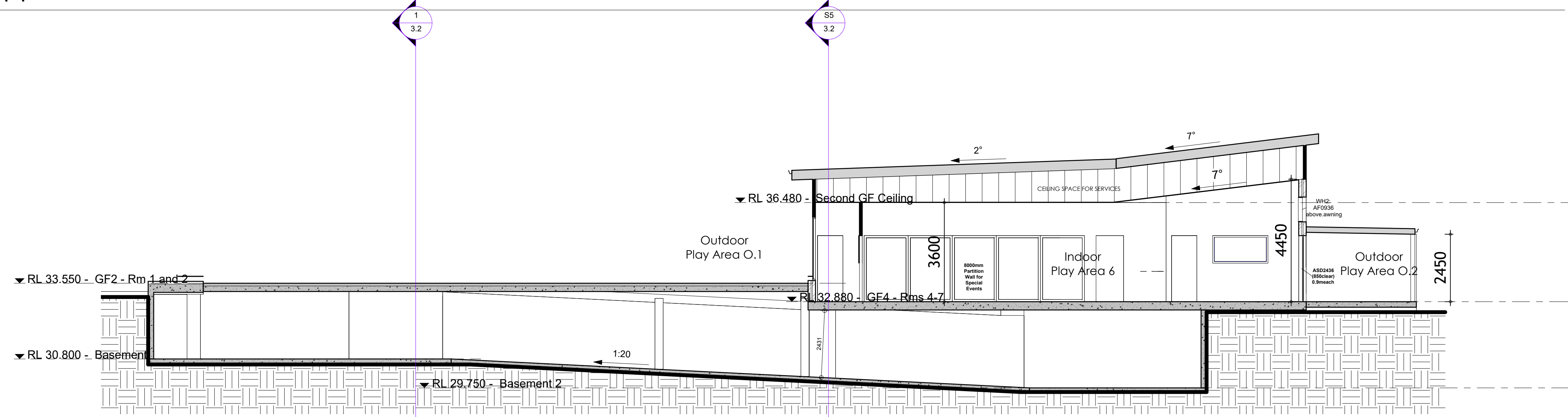
4 BOUNDARY FENCE - Eastern Elevation
1 : 100

Boundary Fence Elevations & Streetscape

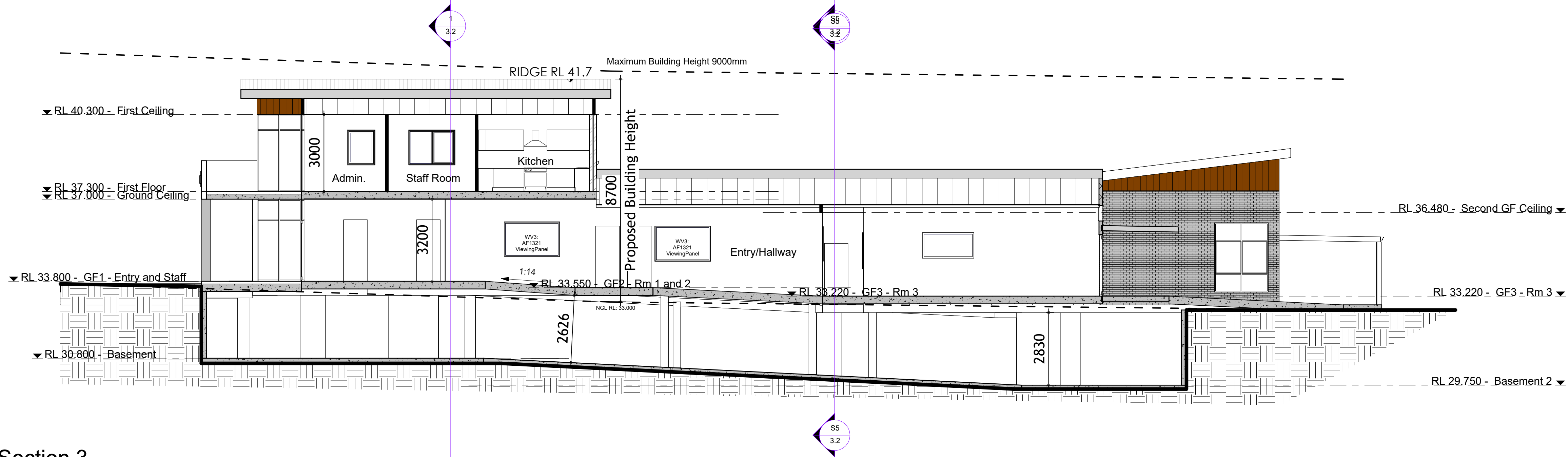
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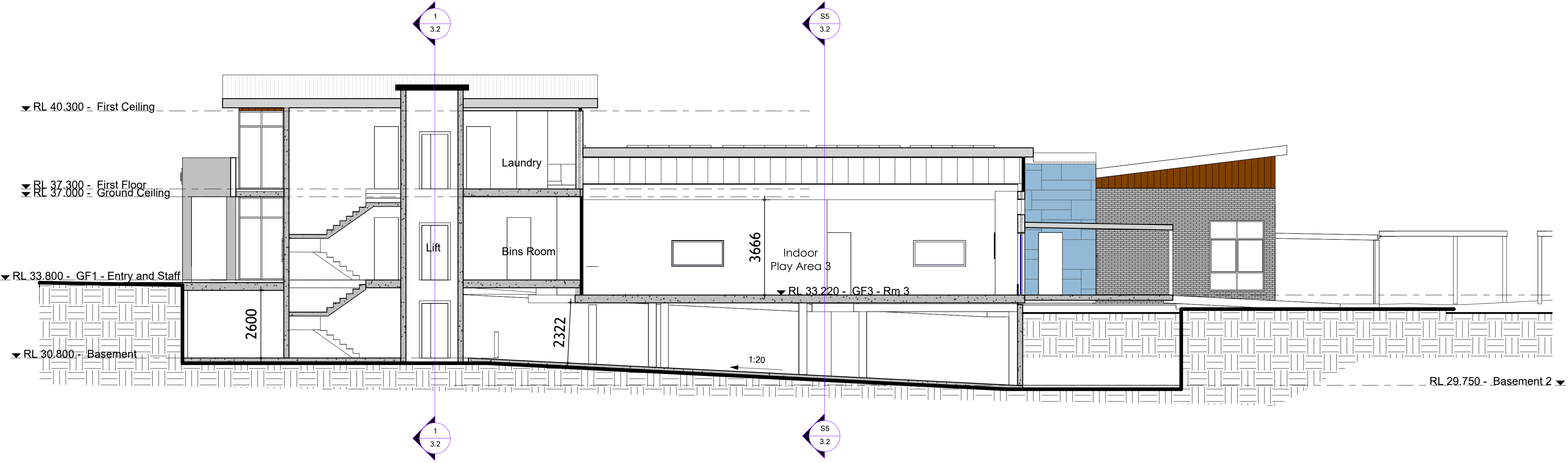
S1 Section 1
1 : 100



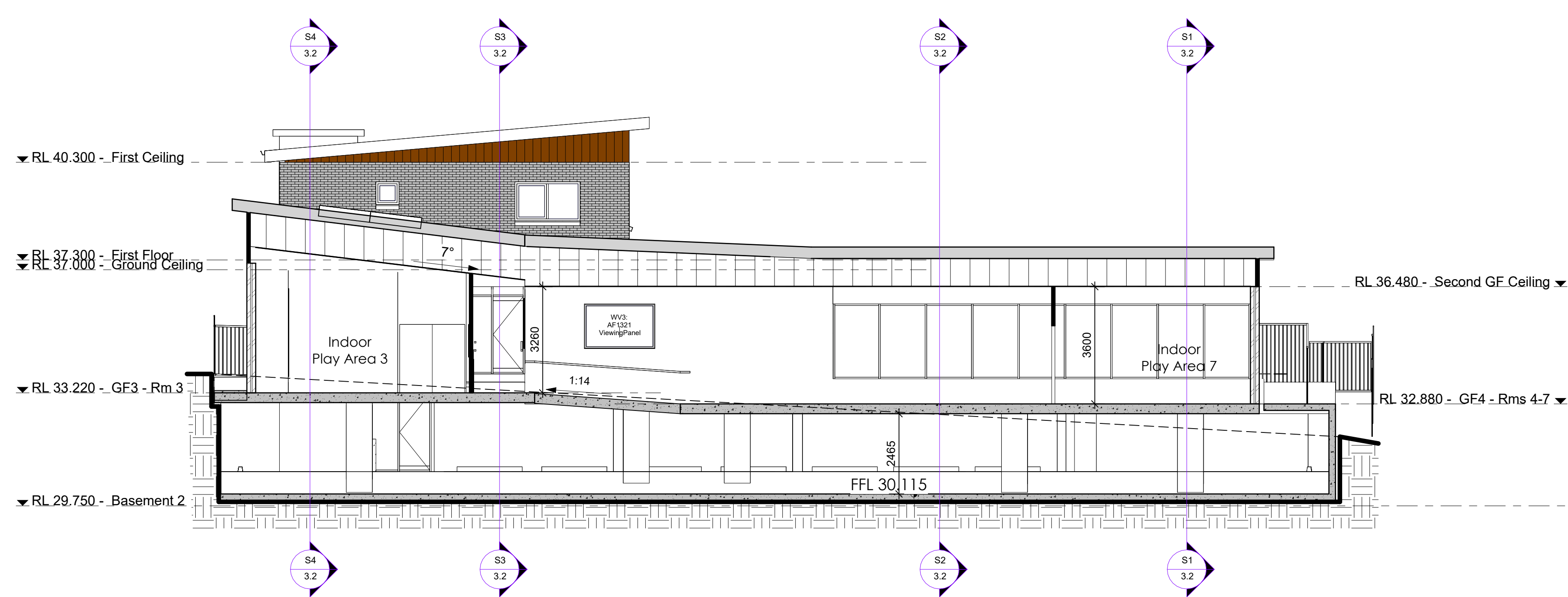
S2 Section 2
1 : 100



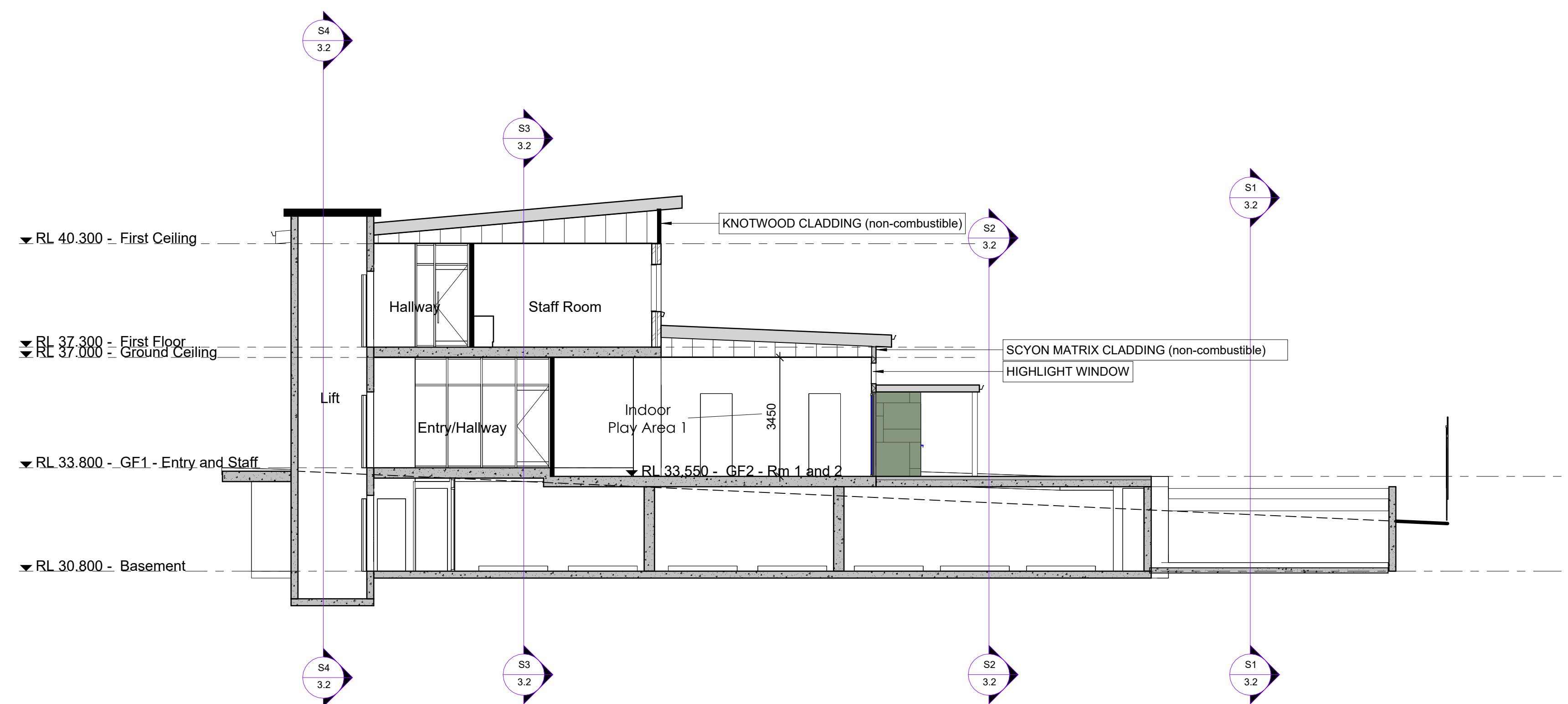
S3 Section 3
1 : 100



S4 Section 4
1 : 100



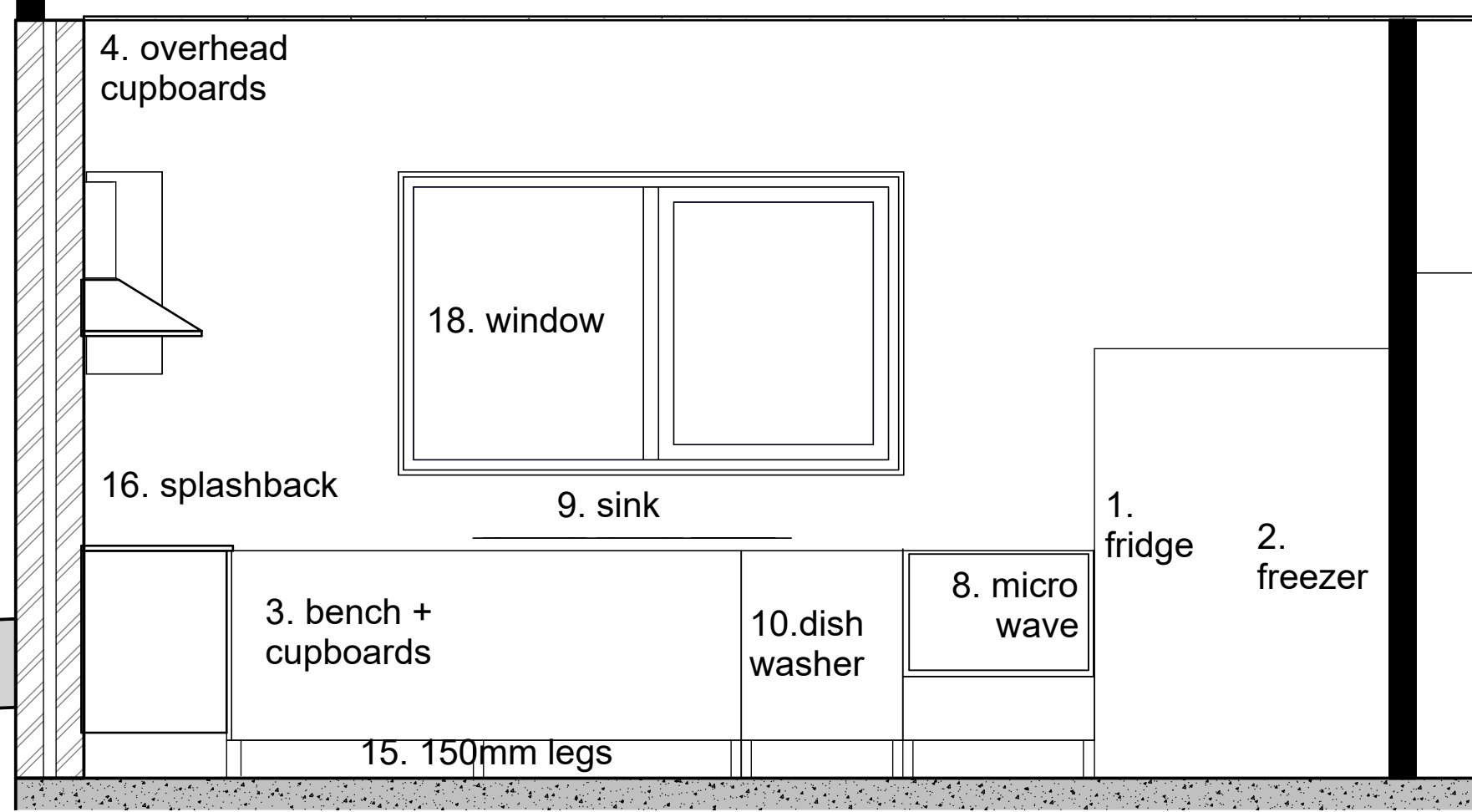
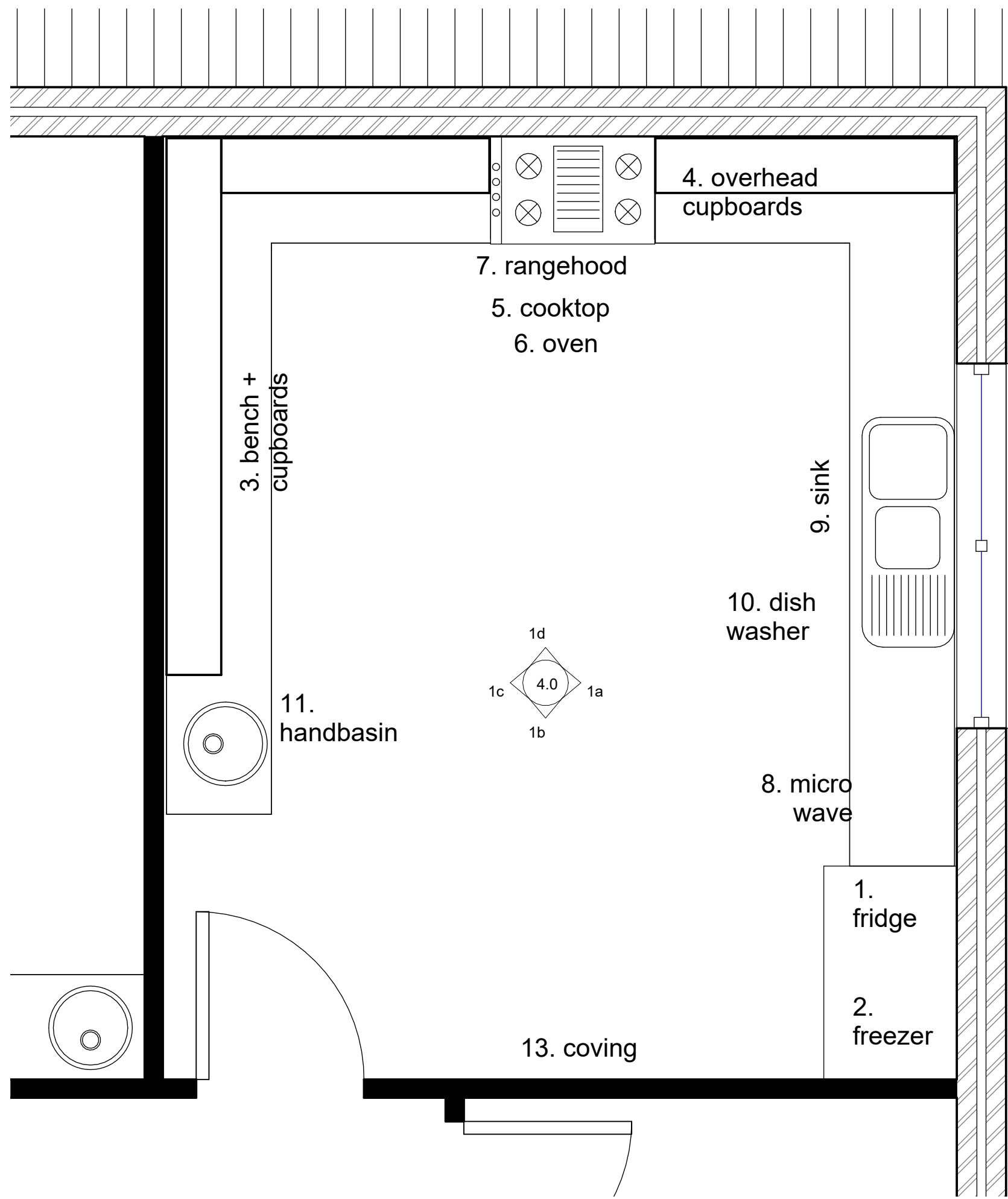
S5 Section 5
1 : 100



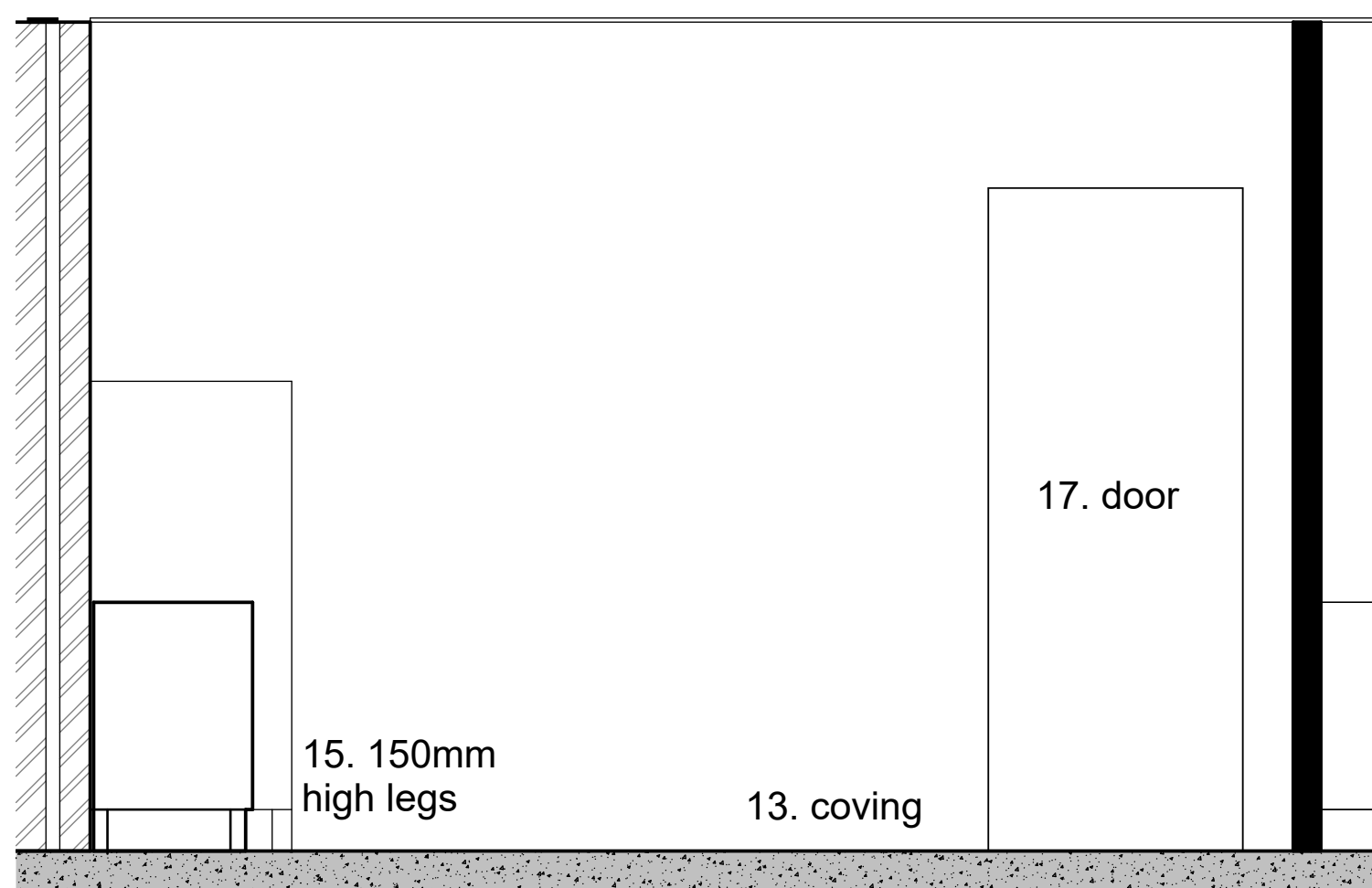
1 Section 6
1 : 100

Sections

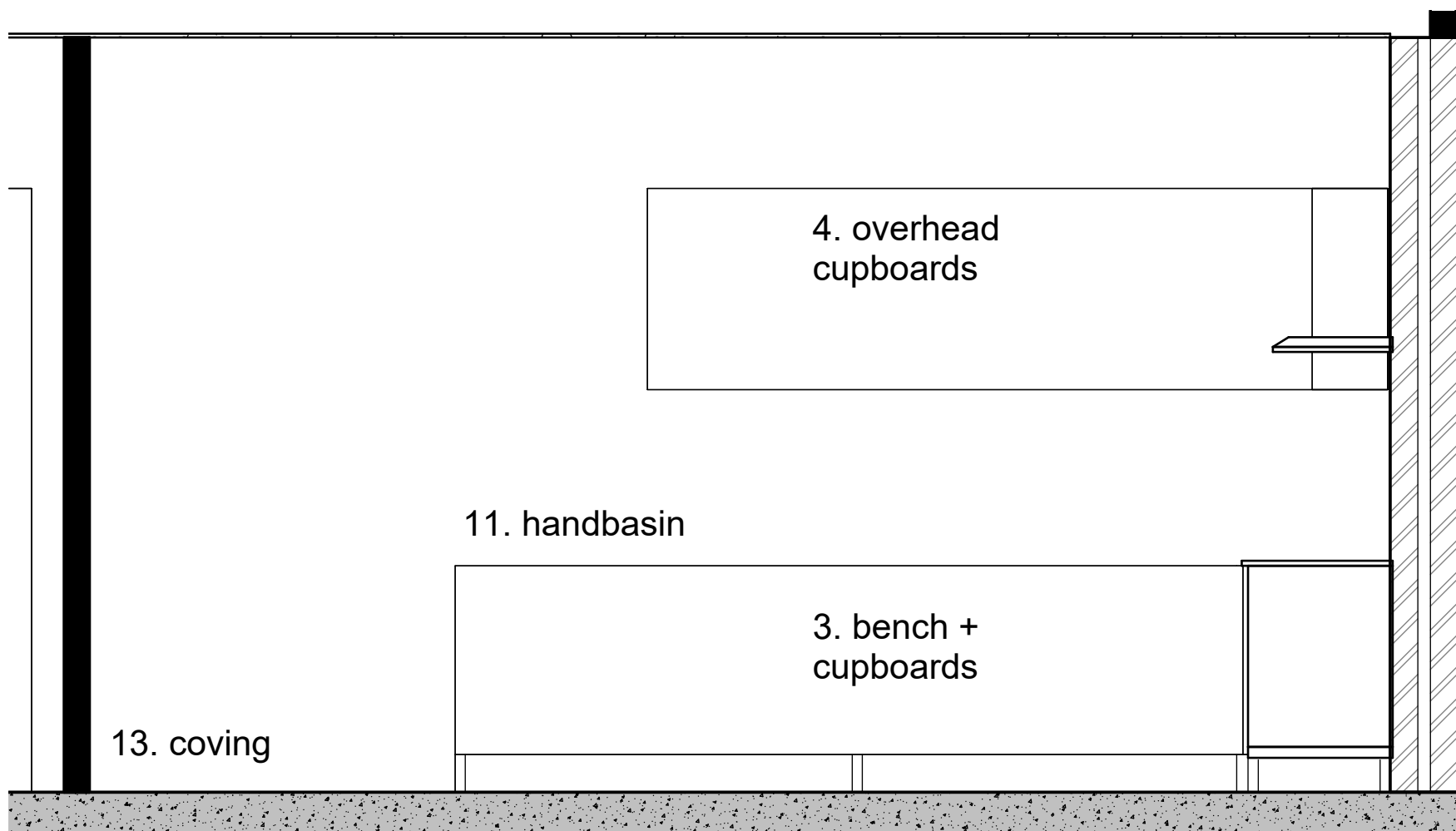
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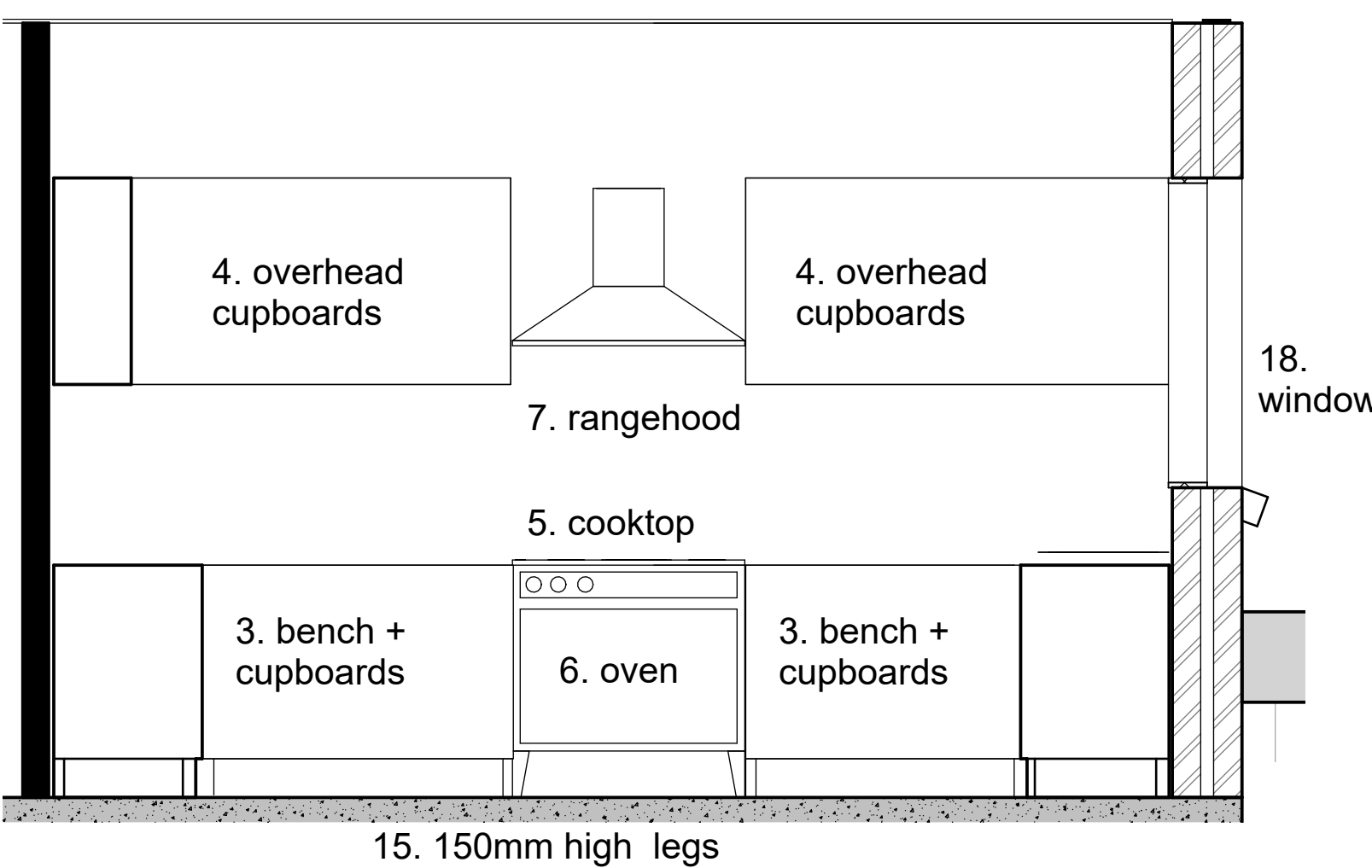
1a Elevation 1 - a
1 : 25



1b Elevation 1 - b
1 : 25



1c Elevation 1 - c
1 : 25



1d Elevation 1 - d
1 : 25

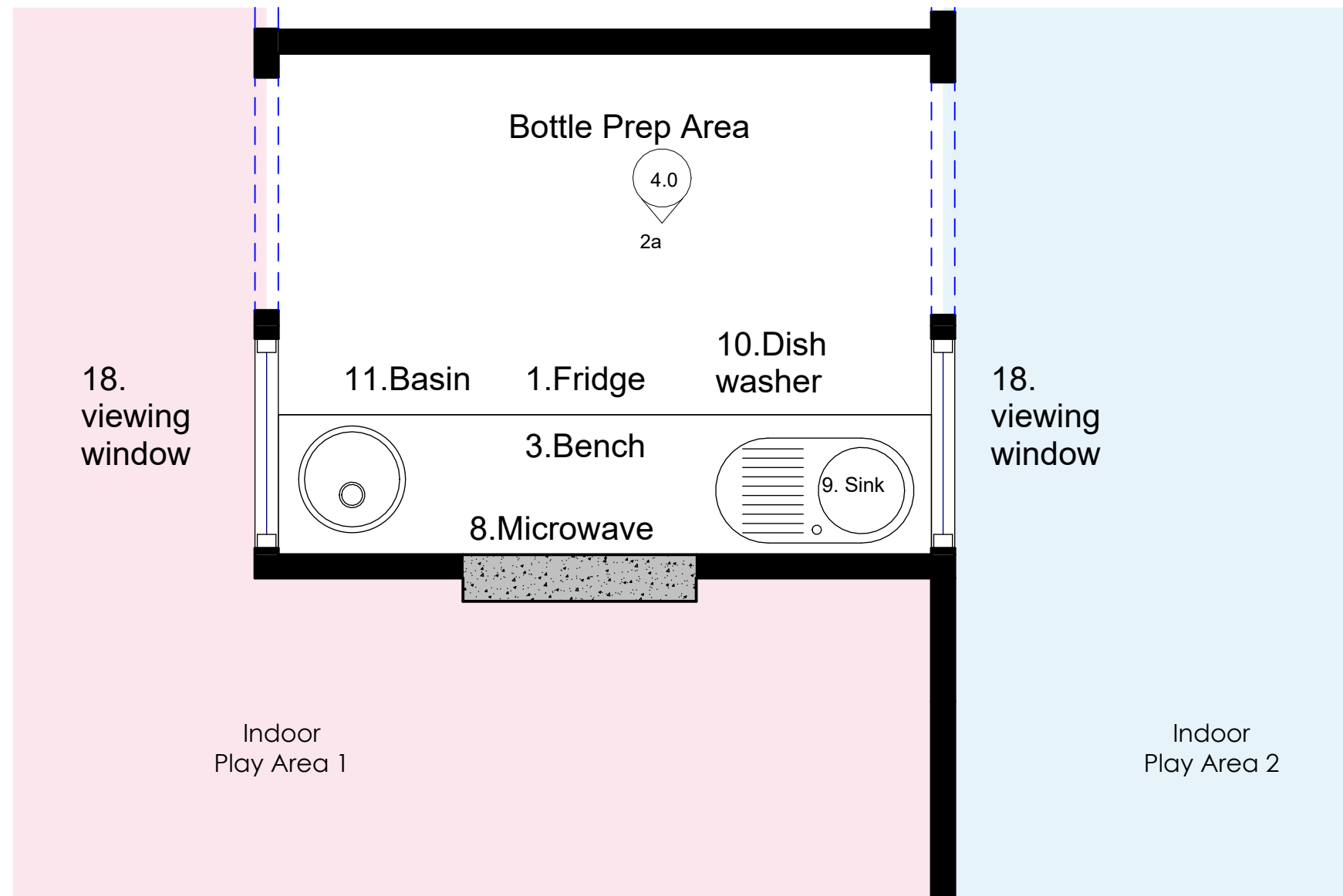
2 Kitchen Details 1 : 25

1. FRIDGE SPACE
2. FREEZER SPACE
3. BENCH AND CUPBOARDS UNDERNEATH
4. OVERHEAD CUPBOARDS
5. COOKTOP (freestanding oven/cooktop)
6. OVEN (freestanding oven/cooktop)
7. RANGEHOOD
8. MICROWAVE
9. SINK
10. DISHWASHER
11. BASIN (with hands-free tap, and warm potable water)+ SOAP DISPENSER
12. VINYL FLOORING
13. COVING (WHERE WALL VINYL MEET FLOOR VINYL)
14. FLOOR WASTE
15. ALL CUPBOARDS AND APPLIANCES TO HAVE 150MM HIGH LEGS
16. TILED SPLASHBACK
17. DOOR
18. WINDOW
19. POWER POINTS (for bottle warmer and bottle steriliser)

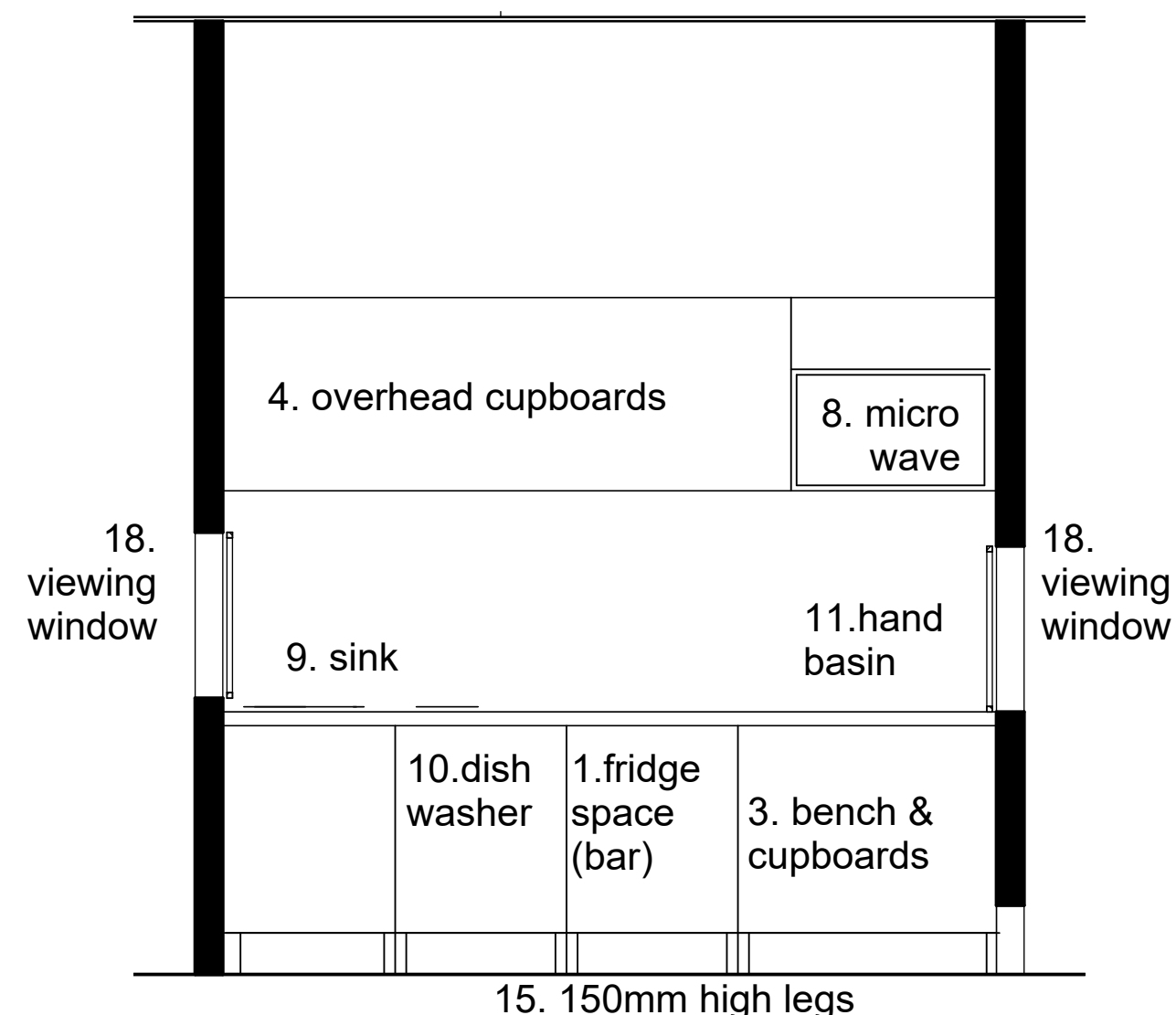
The design, construction, and fitout of the food premises must comply with AS 4674 - 2004

NOTE: Pipes and conduits adjacent to walls are to be set a minimum of 25mm off wall face with brackets. Pipes and conduits entering floors, walls and ceilings are to be fitted with a flange and all gaps fully sealed.

NOTE: all walls to be of solid construction



1 Bottle Prep Area Details 1 : 25



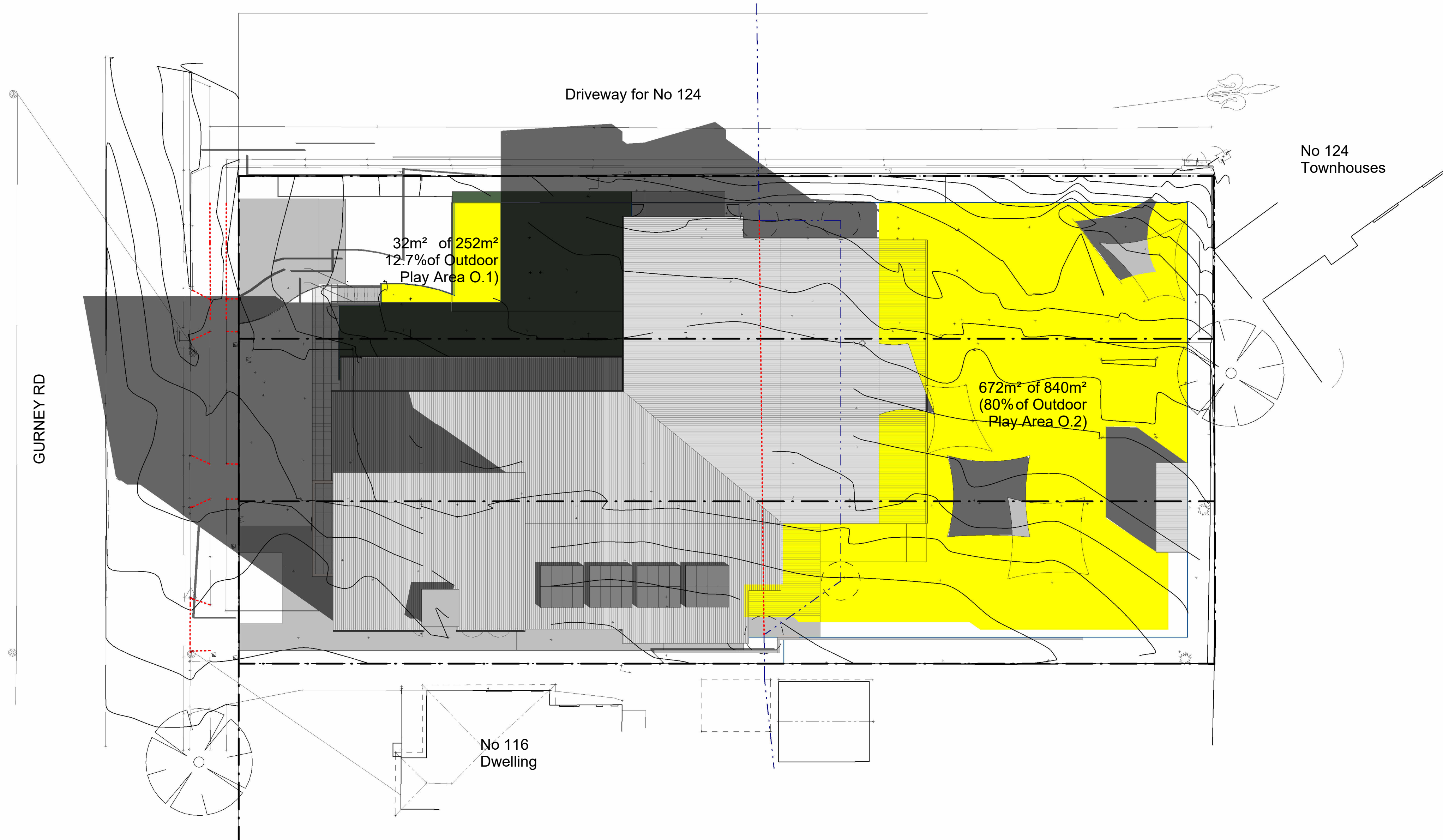
2a Elevation 2 - a
1 : 25

Kitchen & Bottle Prep Details

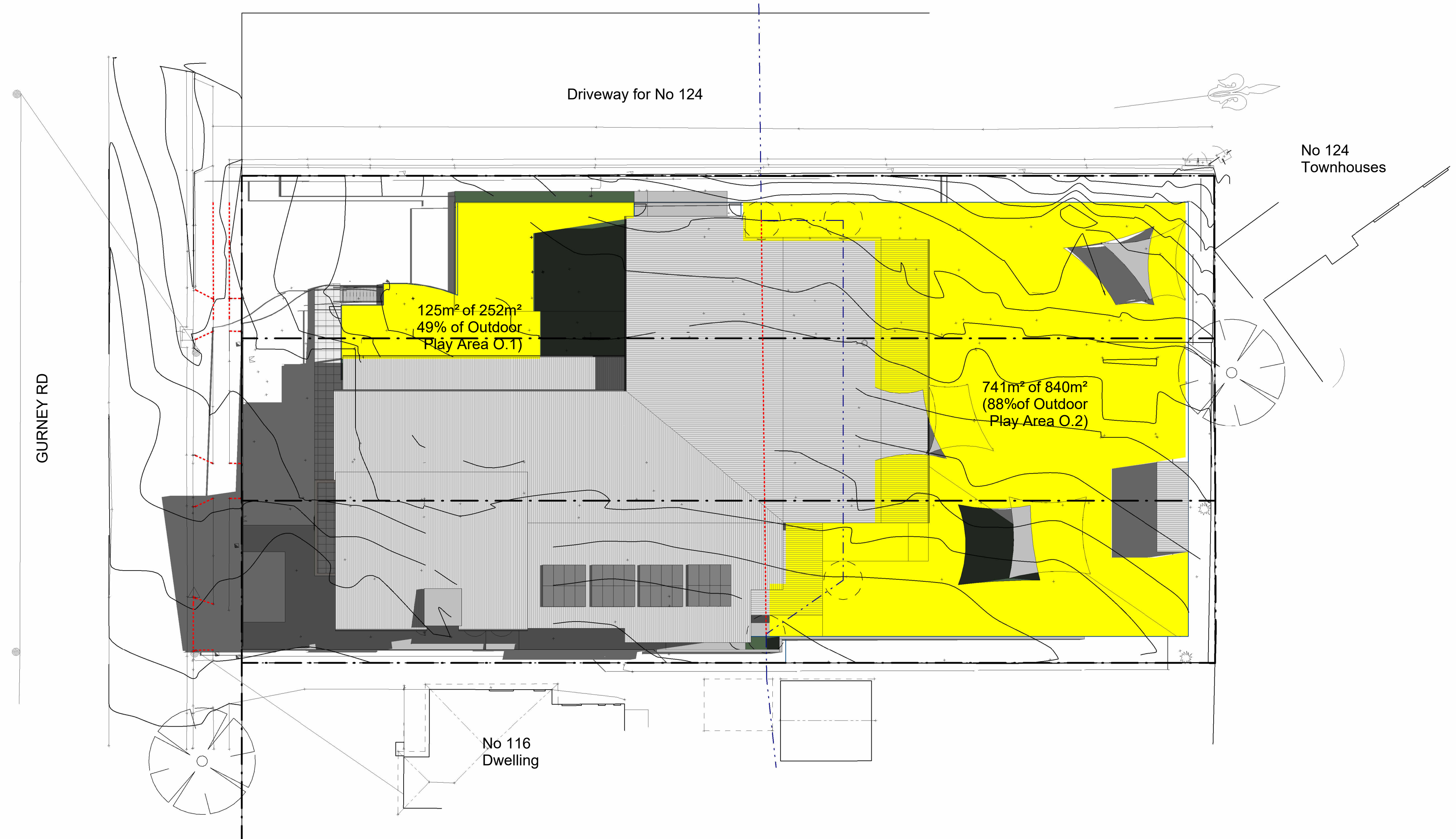
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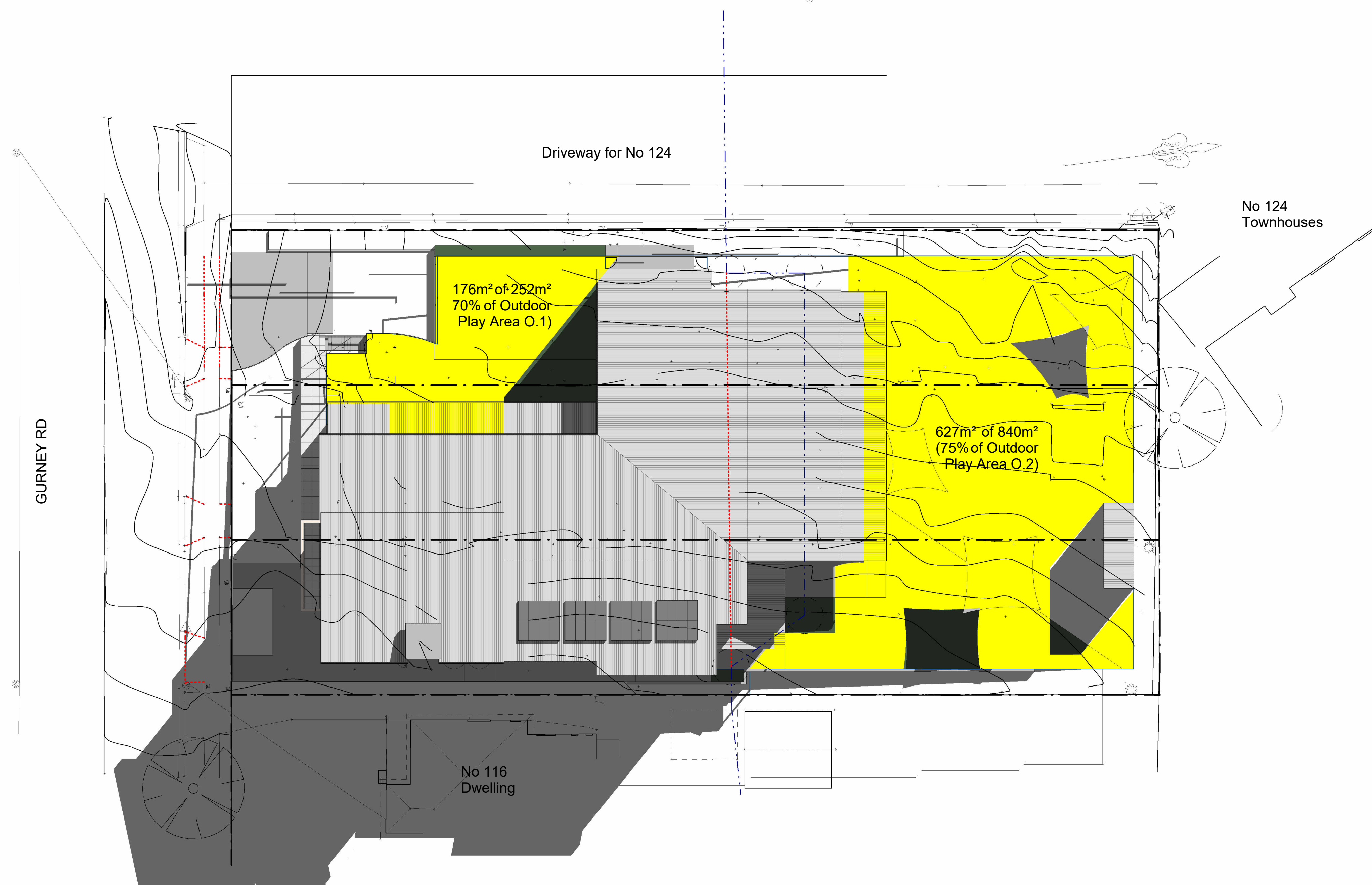
Nominated Architect: Noura Yammine Email : n.yammine@advancedarchitecture.com.au	NSW ARB Reg. No. : 6139 Mob: 0413 533 125
Scale: 1 : 25 @ A0	Drawn by: M.M
Date: Nov 2023	Rev: C (August 2024)
Figured dimensions to be taken in preference to scaled. Verify all dimensions.	Drawing No: 999306 - 4.0



9 9am Shadow
1 : 200



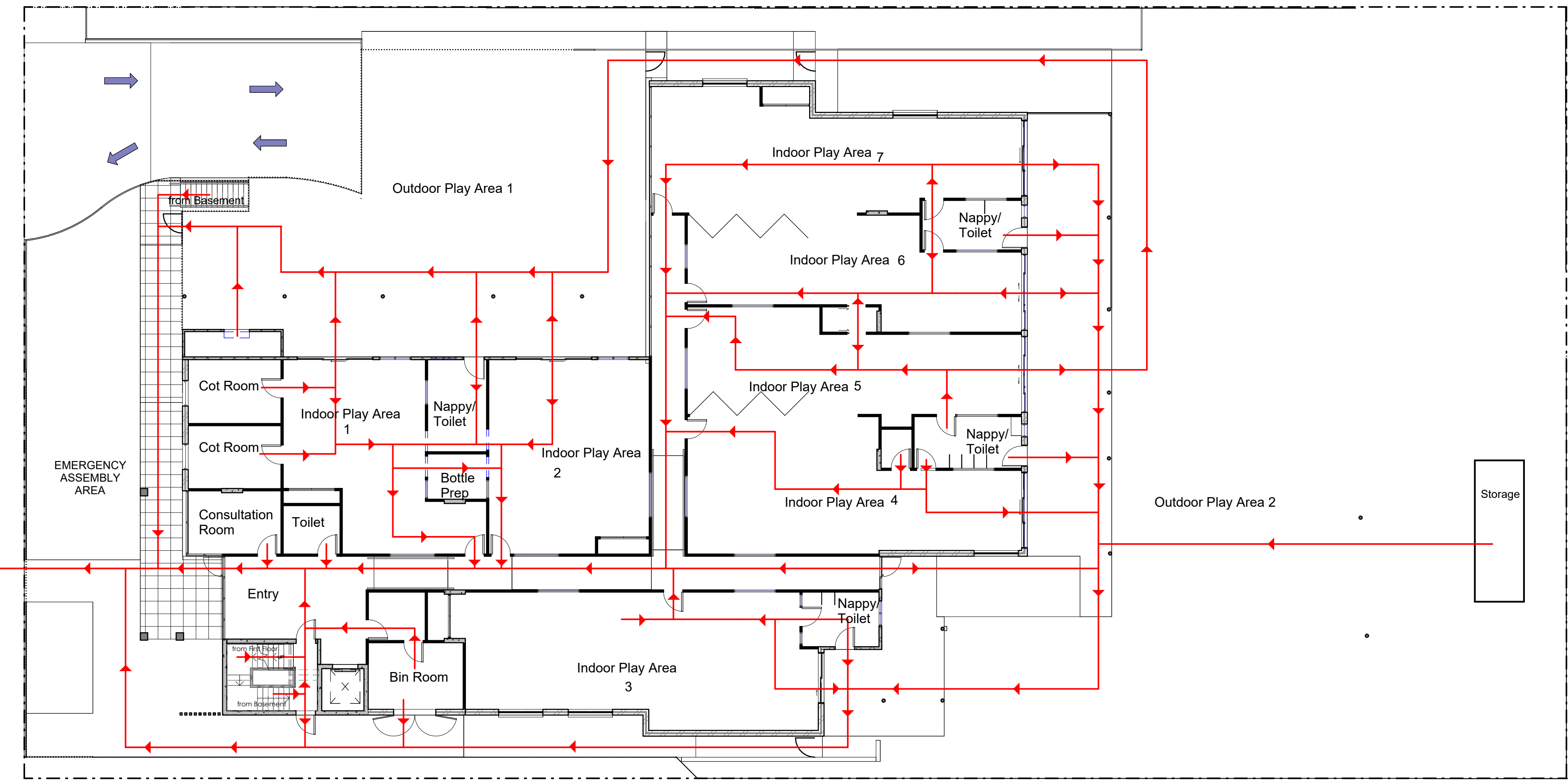
12 12pm Shadow
1 : 200



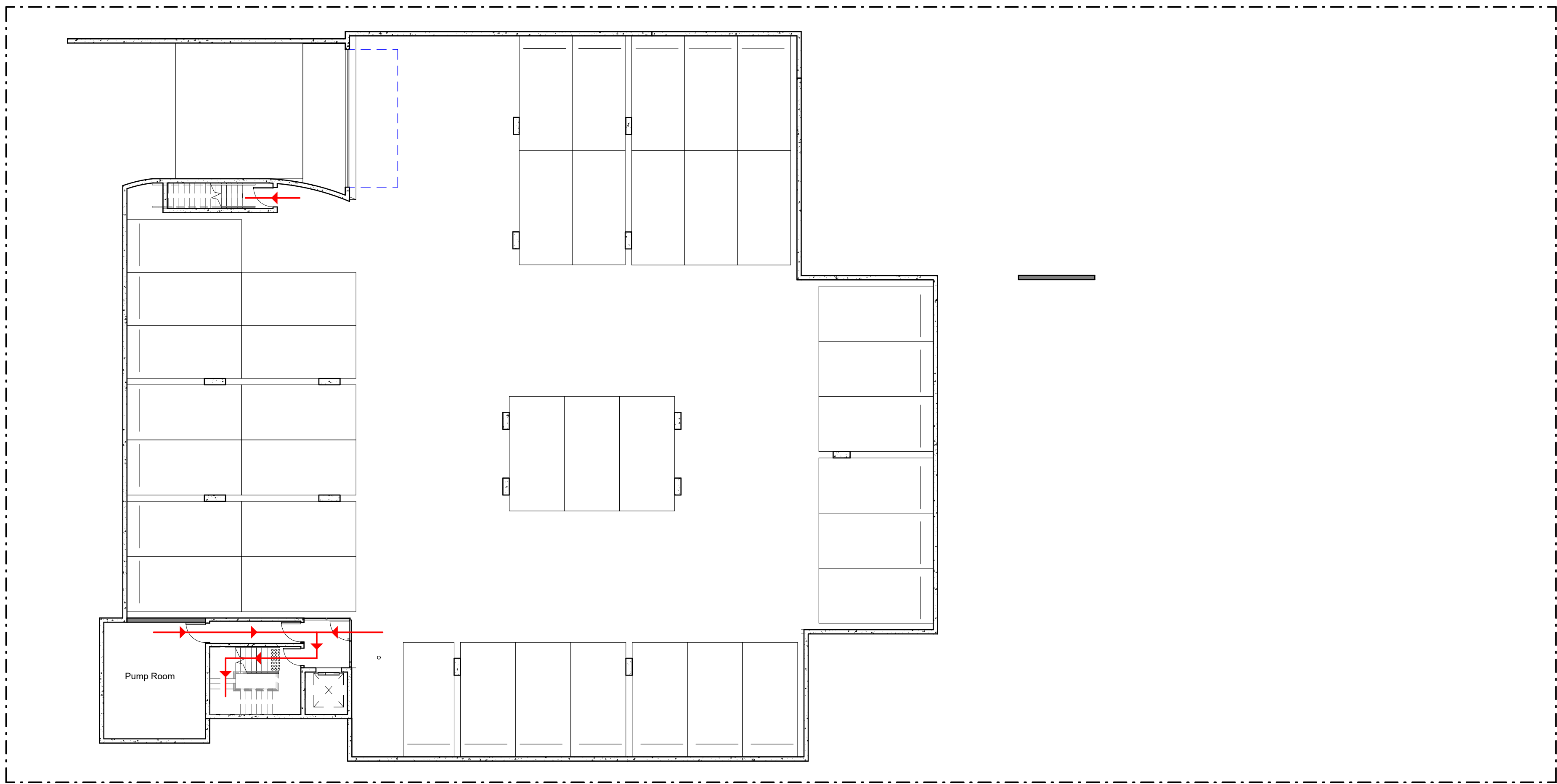
3 3pm Shadow
1 : 200

9am, 12pm & 3pm Shadows 21 JUNE and
Solar Access Diagrams to Outdoor Areas

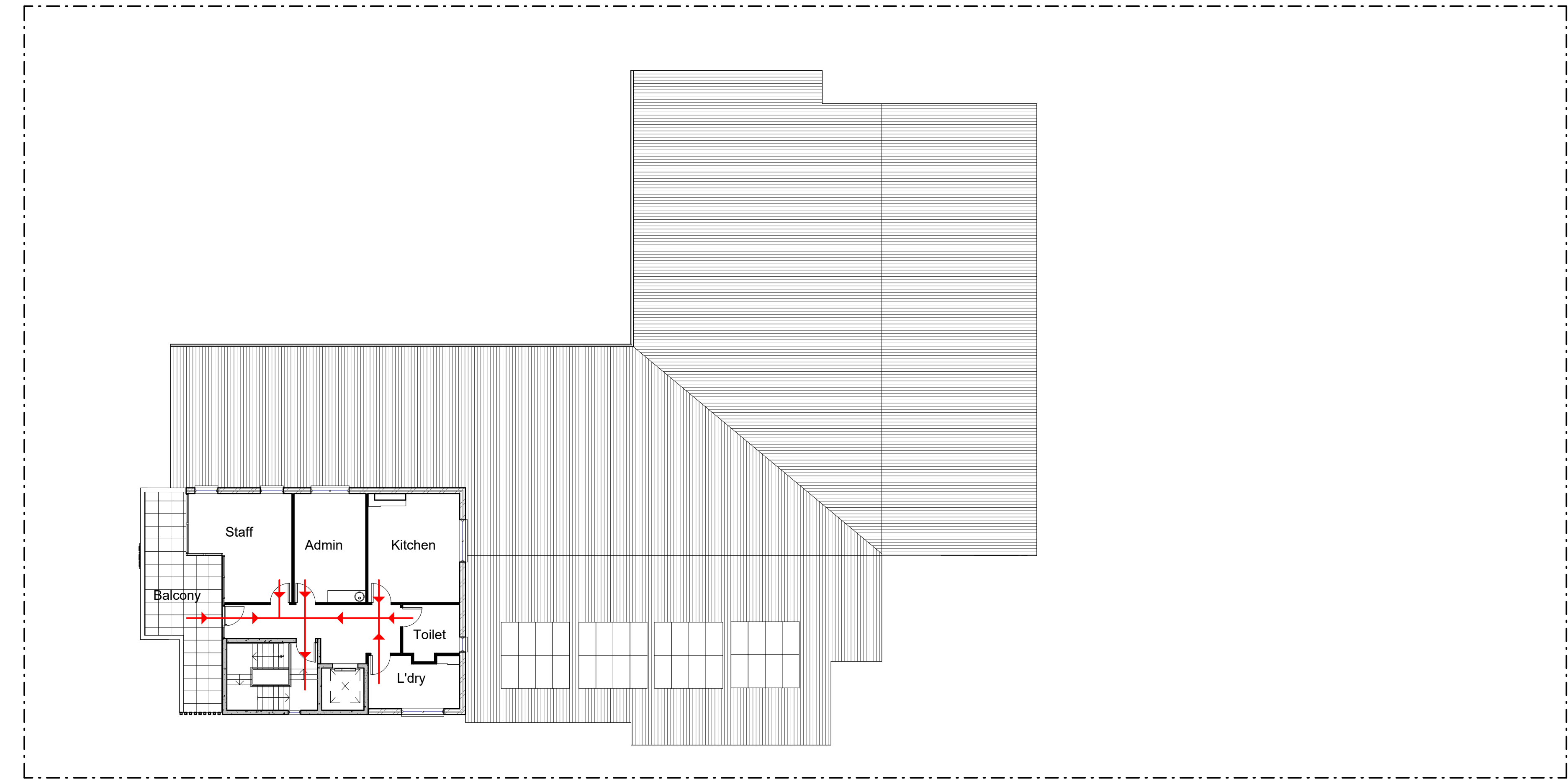
Advanced Architecture & Construction Pty / Ltd	PROPOSED CHILDCARE CENTRE FOR 156 CHILDREN 118-122 Gurney Rd, Chester Hill	
	Nominated Architect: Noura Yammine Email : n.yammine@advancedarchitecture.com.au	NSW ARB Reg. No. : 6139 Mob: 0413 533 125
	Scale: 1 : 200 @ A0	Drawn by: M.M
	Date: Nov 2023	Rev: C (August 2024)
	Figured dimensions to be taken in preference to scaled. Verify all dimensions.	Drawing No: 999306 - 4.1



1 Evacuation Plan - GROUND
1 : 150



3 Evacuation Plan - Basement
1 : 150



2 Evacuation Plan - First Floor
1 : 150

Evacuation Plans

Advanced Architecture & Construction Pty / Ltd	PROPOSED CHILDCARE CENTRE FOR 156 CHILDREN 118-122 Gurney Rd, Chester Hill	
	Nominated Architect: Noura Yammine Email : n.yammine@advancedarchitecture.com.au	NSW ARB Reg. No. : 6139 Mob: 0413 533 125
	Scale: 1 : 150 @ A0	Drawn by: M.M
	Date: Nov 2023	Rev: C (August 2024)
	Figured dimensions to be taken in preference to scaled. Verify all dimensions.	Drawing No: 999306 - 4.2