

PROPOSED ALTS & ADDS TO EXISTING CHILDCARE CENTRE

PROJECT REF. NO. #194

MIRVAC 2 BULLECOURT AVENUE, MILPERRA NSW 2214

ACOUSTIC RECOMMENDATIONS:

ACOUSTIC RECOMMENDATIONS TO BE READ IN CONJUNCTION WITH ENVIRONMENTAL NOISE IMPACT ASSESSMENT PREPARED BY XXXXXXXX REPORT REF NO. XXXXXX REV X DATED XX. XXXX XXXX

0.0 NOISE CONTROL RECOMMENDATIONS

KEY BUILDING CHARACTERISTICS:

- CLASSIFICATIONS CLASS 9B (CHILDCARE)
- RISE IN STOREY ONE (1)
- TYPE OF CONSTRUCTION TYPE C - EFFECTIVE HEIGHT- <12m
- FIRE COMPARTMENT SIZE COMPLIES WITH C3D3 (TOTAL F/A = 851.87m² & VOLUME 2450m3)
- CLIMATE ZONE 5
- SPECIAL CONSIDERATIONS SOLAR PANELS + BATTERY SYSTEMS

MINIMUM FIRE SERVICES:

HYDRANT SYSTEM (AS2419.1-2021) FIRE HOSE REELS (AS2441-2005) EXTINGUISHERS / BLANKETS (AS2444-2001) SMOKE DETECTION FOR AUTO SHUTDOWN OF AIR HANDLING SYSTEM (SPEC S20C6 & AS01670-2018) REFER TO NOTE 2 BELOW REGARDING SPRINKLER COVERAGE, ETC.

NAPPY CHANGE NCC REQUIREMENTS - CLAUSE F4D4 (9)(C)

- G) A CLASS 9B EARLY CHILDHOOD CENTRE MUST BE PROVIDED WITH-
- (II) ONE BATH, SHOWER OR SHOWER-BATH; AND
- (III) IF THE CENTRE ACCOMMODATES CHILDREN YOUNGER THAN 3 YEARS OLD-
- (A) A LAUNDRY FACILITY COMPRISING A WASHTUB AND SPACE IN THE SAME ROOM FOR A WASHING MACHINE: AND
- (B) A BENCH TYPE BABY BATH, WHICH IS WITHIN 1 M OF THE NAPPY CHANGE
- (C) A NAPPY CHANGING BENCH WHICH-

(AA) IS WITHIN 1 M OF SEPARATE ADULT HAND WASHING FACILITIES AND BENCH TYPE BABY BATH; AND

(BB) MUST BE NOT LESS THAN 0.9 M2 IN AREA AND AT A HEIGHT OF NOT LESS THAN 850 MM, BUT NOT MORE THAN 900 MM ABOVE THE FINISHED FLOOR LEVEL;

(CC) MUST HAVE A SPACE NOT LESS THAN 800 MM HIGH, 500 MM WIDE AND 800 MM DEEP FOR THE STORAGE OF STEPS; AND

(DD) IS POSITIONED TO PERMIT A STAFF MEMBER CHANGING A NAPPY TO HAVE VISIBILITY OF THE PLAY AREA AT ALL TIMES.

NATIONAL CONSTRUCTION CODE 2022 F4D4 FACILITIES IN CLASS 3 TO 9 **BUILDINGS**

CHILD CARE FACILITES - NCC CLAUSE F4D4

THE FOLLOWING FACILITIES ARE REQUIRED TO CHILDCARE CENTRES:

A KITCHEN WITH SINK, SEPARATE HAND WASHING FACILITIES, SPACE FOR A FRIDGE AND COOKING FACILITIES

AS THE CENTRE CATERS FOR CHILDREN <5. THE KITCHEN MUST HAVE A GATE OR DOOR THAT IS CHILD PROOF (1.5m LATCHING)

AS THE CENTRE CATERS FOR CHILDREN <2, THE KITCHEN MUST FACILITATE SUPERVISION OF THOSE CHILDREN

ONE BATH. SHOWER OR SHOWER/BATH

AS THE CENTRE ACCOMMODATE CHILDREN <3 A LAUNDRY FACILITY COMPRISING OF A WASHTUB AND SPACE FOR A WASHING MACHINE IN THE SAME ROOM IS REQUIRED

AS THE CENTRE ACCOMMODATES CHILDREN <3 A BENCH-TYPE BABY BATH WHICH IS WITHIN 1M OF A NAPPY CHANGE TABLE IS REQUIRED

AS THE CENTRE ACCOMMODATES CHILDREN <3, A NAPPY CHANGING BENCH THAT IS WITHIN 1M OF AN ADULT HAND WASH BASIN, BE AT LEAST 0.9m². 850-900mm HIGH AND MUST HAVE A SPACE NO LESS THAN 800mm(H) X 500mm(W) X 800mm(D) FOR THE STORAGE OF STEPS AND BE POSITIONED TO ALLOW

SLIP RESISTANCE (IN ACCORDANCE WITH NCC TABLE D3D15 & SPECIFICATION 27)

- STAIRS TREADS OR LANDING SURFACE DRY P3 OR R10 OR WET P4 OR R11
- STAIR COLOUR CONTRAST NOSING DRY P3 OR WET P4
- RAMPS STEEPER THAN 1:14 GRADIENT DRY P4 PR R11 OR WET P5 OR R12
- RAMPS STEEPER THAN 1:20 BUT NOT STEEPER THAN 1:14 GRADIENT DRY P3 OR R10 OR WET P4 OR R11
- WET AREAS (AS TOILETS, SHOWER OR SIMILAR) P3 OR R10
- DRY AREA R9

KITCHEN - GENERAL NOTES:

FITOUT OF KITCHEN TO BE IN ACCORDANCE WITH AS 4674-2004 DESIGN, CONSTRUCTION AND FITOUT OF FOOD PREMISES

GENERAL REQUIREMENTS

- PROOF AGAINST PESTS
- COOKING APPLIANCES EXCEEDING A TOTAL MAX. POWER INPUT OF 8kW FOR ELECTRICAL, OR A TOTAL GAS INPUT OF 29Mj/h FOR A GAS APPLIANCE ARE REQUIRED TO HAVE A KITCHEN EXHAUST SYSTEM INSTALLED IN ACCORDANCE WITH CLAUSE F6D12 OF NCC AND AS1668, PARTS 1 & 2.
- HOT WATER SERVICES TO BE POSITIONED 75 MM CLEAR
- HEATED WATER IN ACCORDANCE WITH AS 3500.4.2
- WALL OF ALL FOOD PREMISES SHALL BE OF SOLID CONSTRUCTION.
- CERAMIC FLOOR TILES SHALL BE CLEANABLE, NON-ABSORBENT, EPOXY GROUTED AND LAID IN ACCORDANCE WITH AS 3958.1
- THE INTERSECTION OF FLOORS WITH WALLS SHALL MEET THE COVING REQUIREMENT.
- COVING TILE MINIMUM RADIUS TO BE 25mm.
- WALLS AND CEILINGS SHALL BE OF SOLID CONSTRUCTION.
- CEILINGS SHALL BE NON-PERFORATED AND FINISHED FREE OF OPEN JOINS, **CRACKS AND CREVICES.**
- WALL AND CEILING SHALL BE TIGHT JOINTED, SEALED AND DUST PROOF.
- SEALANTS USED SHALL BE WASHABLE AND OF IMPERVIOUS MATERIAL. 12.
- WALL AND CEILINGS ARE TO BE OF LIGHT COLOUR.
- ALL SHELVING TO BE 25mm OFF WALL

SERVICES:

SERVICE PIPE CONDUITS AND WIRING SHALL BE CONCEALED IN FLOOR PLINTHS, WALLS AND CEILING.

SHALL BE FIXED ON BRACKERS WITH 25mm CLERANCE BETWEEN PIPE AND WALL

ALL PENETRATIONS SHALL BE SEALED.

FIXTURES SHALL BE MOVABLE FOR CLEANING.

REFER TO MECHANICAL CONSULTANTS DRAWINGS FOR ALL VENTILATION **DETAILS**

REFER TO HYDRAULIC CONSULTANTS DRAWINGS FOR AL HYDRAULIC DETAILS AND DISPOSAL OF WASTE WATER

REFER TO ELECTRICAL CONSULTANTS DRAWINGS FOR ALL ELECTRICAL DETAILS

HAND BASINS ARE TO BE FREE STANDING AND PROVIDED WITH A SINGLE OUTLET FOR WARM (40°C) CLEAN POTABLE WATER.

PROVIDE A TOWEL AND SOAP DISPENSER.

A RECEPTACLE FOR USED TOWELS SHALL BE PROVIDED.

ARBORIST RECOMMENDATIONS

ARBORIST RECOMMENDATIONS TO BE READ IN CONJUNCTION WITH ARBORICULTURAL IMPACT ASSESSMENT PREPARED BY XXXXXXXXX REPORT REFERENCE XXXXXXXXX.

0.0 RECOMMENDATIONS

AMENDMENTS:

PROJECT NO .:

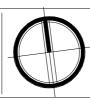
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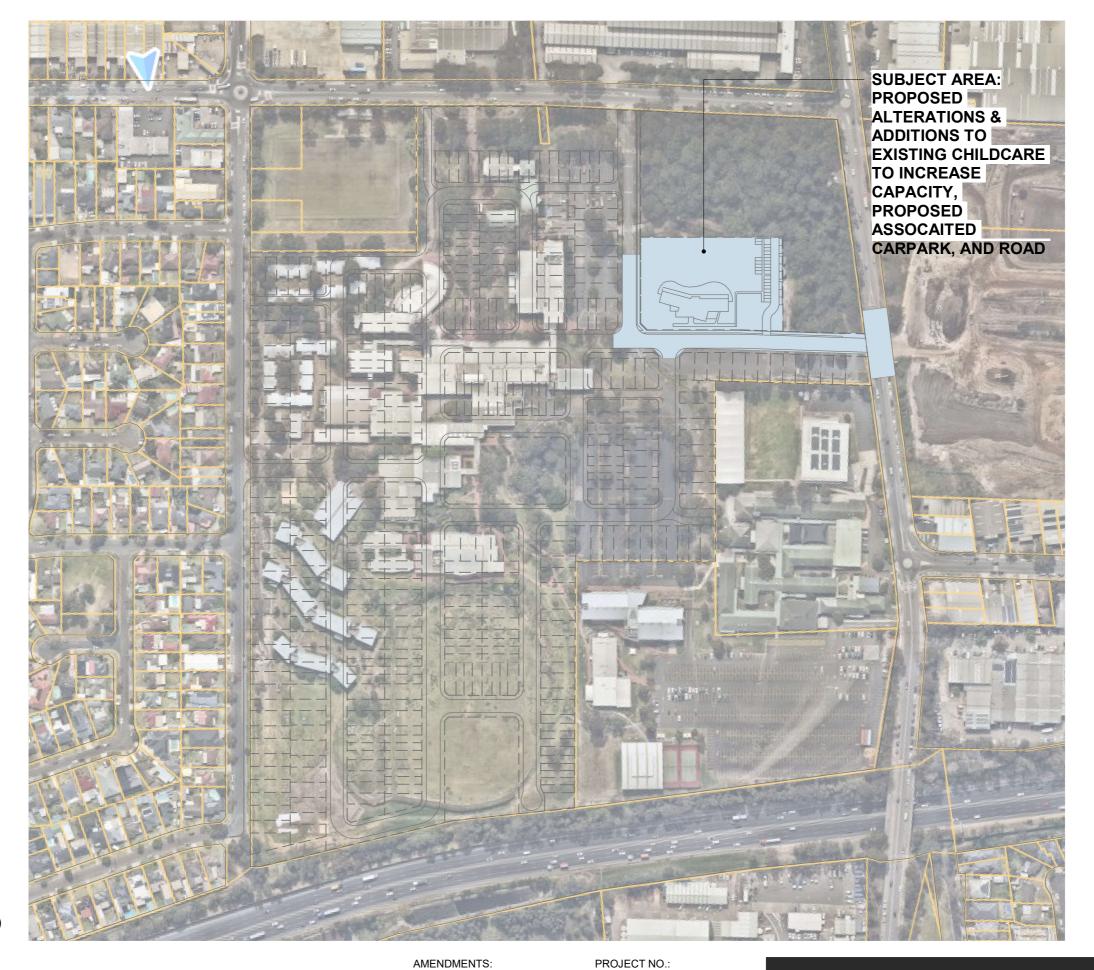


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KEY PLAN

SCALE 1: 3000 (A3)



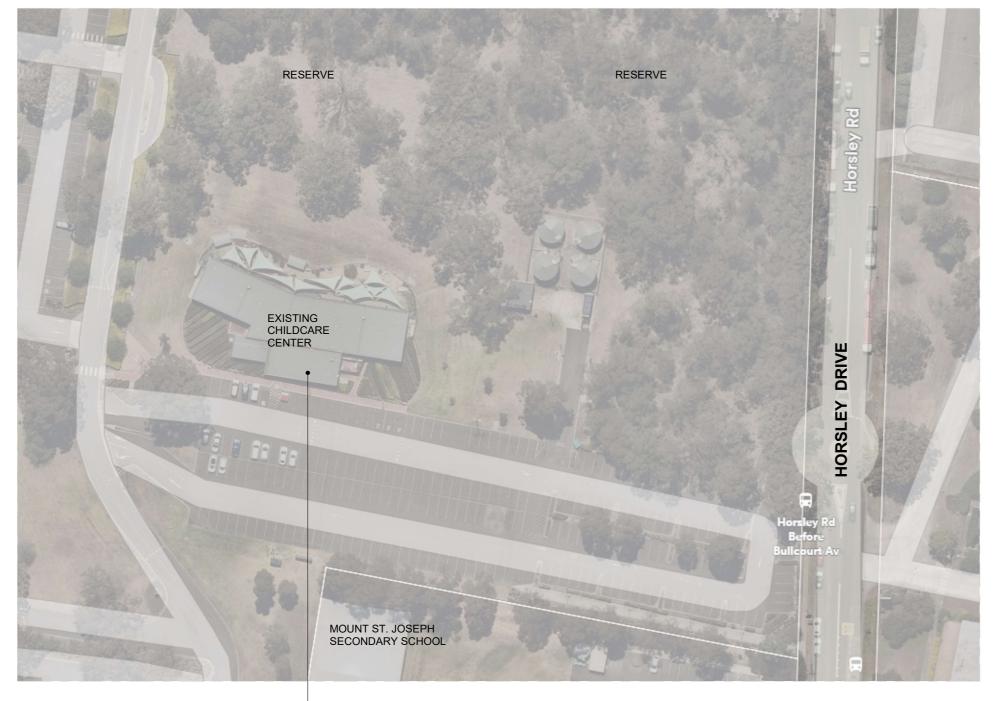


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DA-02



DEVELOPMENT DATA

BUILDING 28 WESTERN SYDNEY UNIVERSITY BULLECOURT AVENUE, MIPERRA NSW 2214 SITE ADDRESS

SITE AREA 8350m2 B1 ZONE - CHILDCARE AND LOCAL CENTER ZONE

GFA 661.07m2

FSR 0.08:1 DEEP SOIL LANDSCAPED AREA TBC

TOTAL NO. OF CHILDREN

95 PLACEMENTS

PARKING

PARKING SPACES REQUIRED 24 SPACES TOTAL PARKING SPACES PROVIDED 31 SPACES

Sheet List

Sheet Number	Sheet Name	Revision	Revision Date
DA-00	Cover	F	25.11.2024
DA-01	Notes	1	11.12.2024
DA-02	Key Plan	1	11.12.2024
DA-03	Location Plan	1	11.12.2024
DA-04	Site Analysis	1	11.12.2024
DA-05	Existing Site Plan	1	11.12.2024
DA-06	Proposed Site Plan	1	11.12.2024
DA-07	Existing Ground Floor Plan	1	11.12.2024
DA-08	Demolition Plan	1	11.12.2024
DA-09	Proposed Ground Floor Plan	1	11.12.2024
DA-10	Roof Plan - Existing	1	11.12.2024
DA-11	East & West Elevation	1	11.12.2024
DA-12	North Elevation	1	11.12.2024
DA-13	South Elevation	1	11.12.2024
DA-14	Section A	1	11.12.2024
DA-15	Section B	1	11.12.2024
DA-16	GFA Calculation Plan	1	11.12.2024
DA-17	Playspace Calculation Plan	1	11.12.2024
DA-22	3D Views		
DA-23	3D Views		

LOCATION PLAN

SUBJECT SITE

AMENDMENTS:

SCALE 1:1000 (A3)

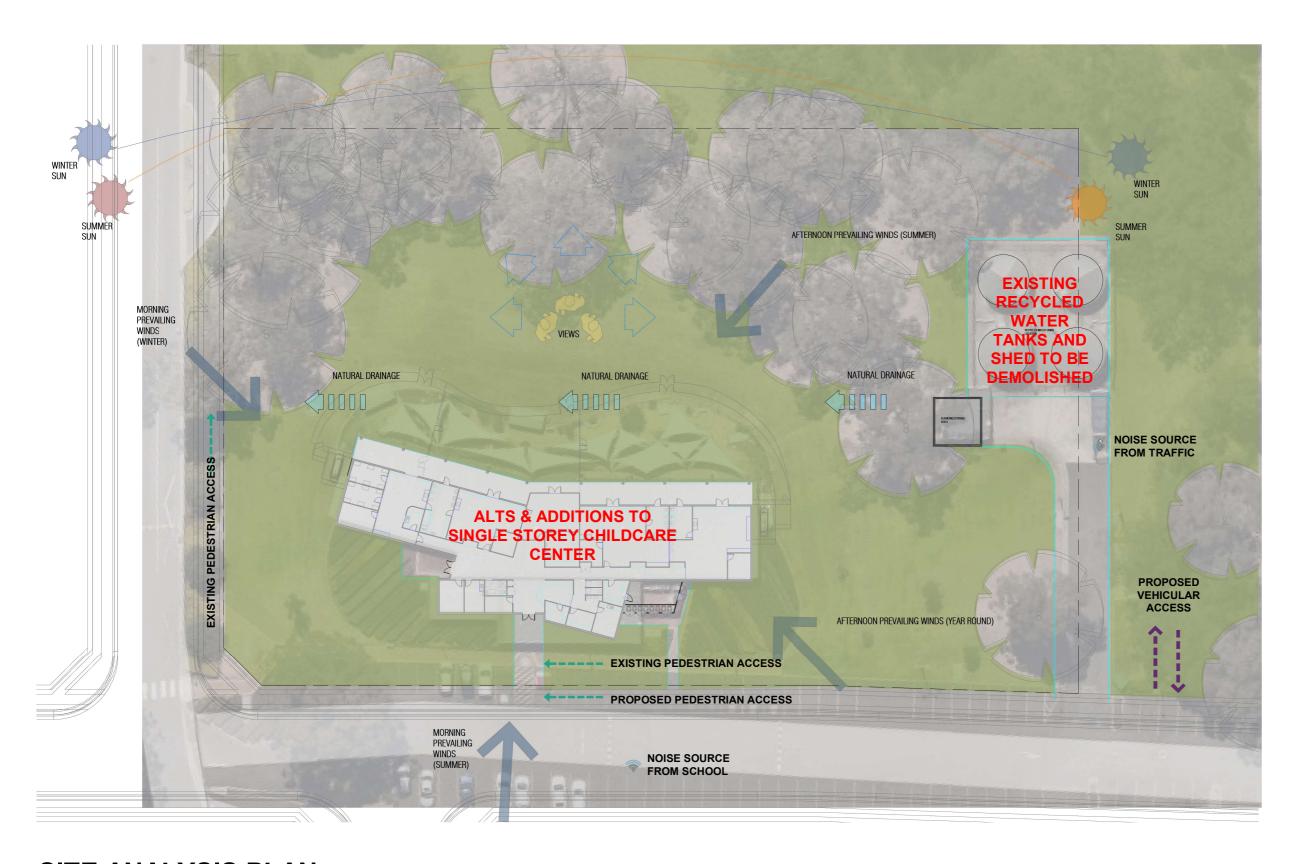


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SITE ANALYSIS PLAN

SCALE 1:500 (A3)





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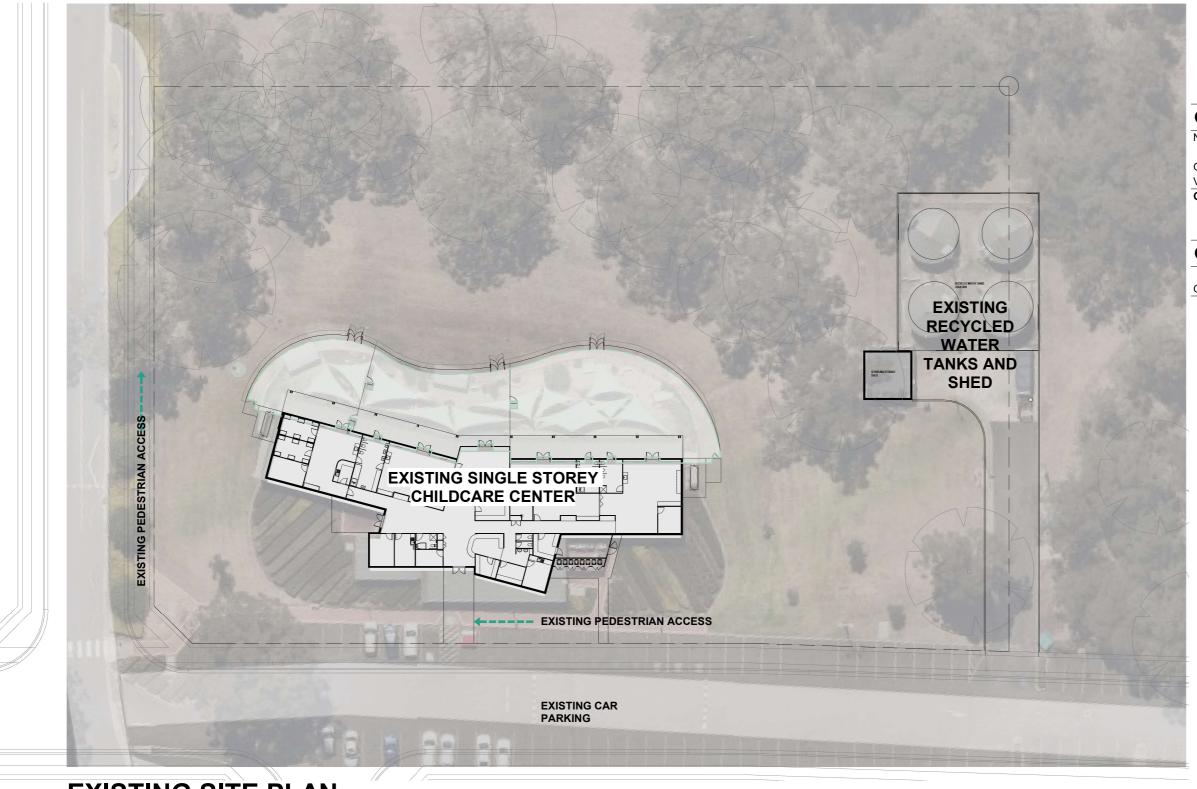
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DA-04



GROSS BUILDING AREA Area

GROUND FLOOR 696.50 m² VERANDAH 155.37 m² Grand total: 2 851.87 m²

GFA CALCULATION

GROUND FLOOR 661.07 m²

EXISTING SITE PLAN

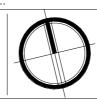
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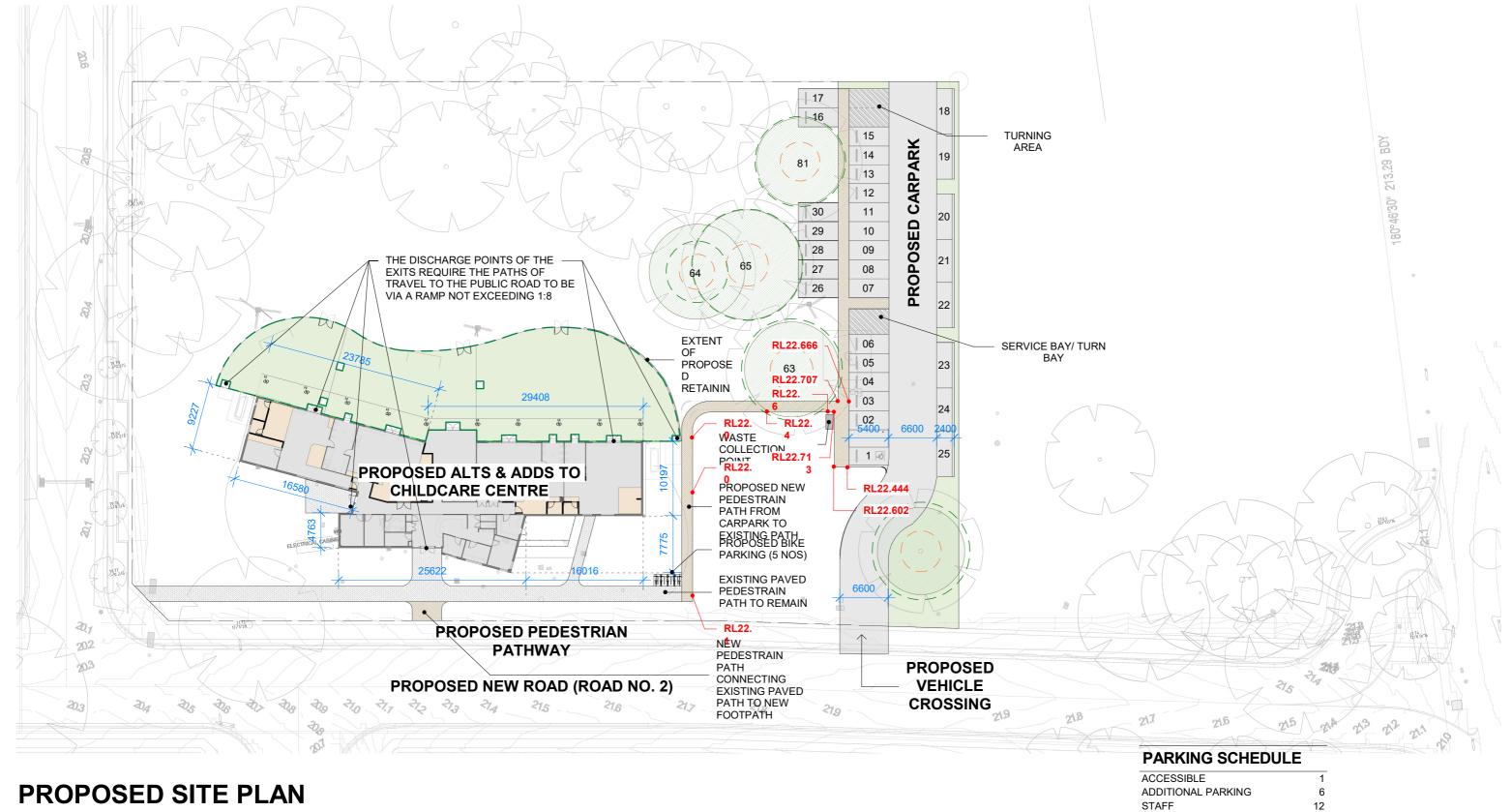
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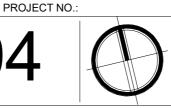


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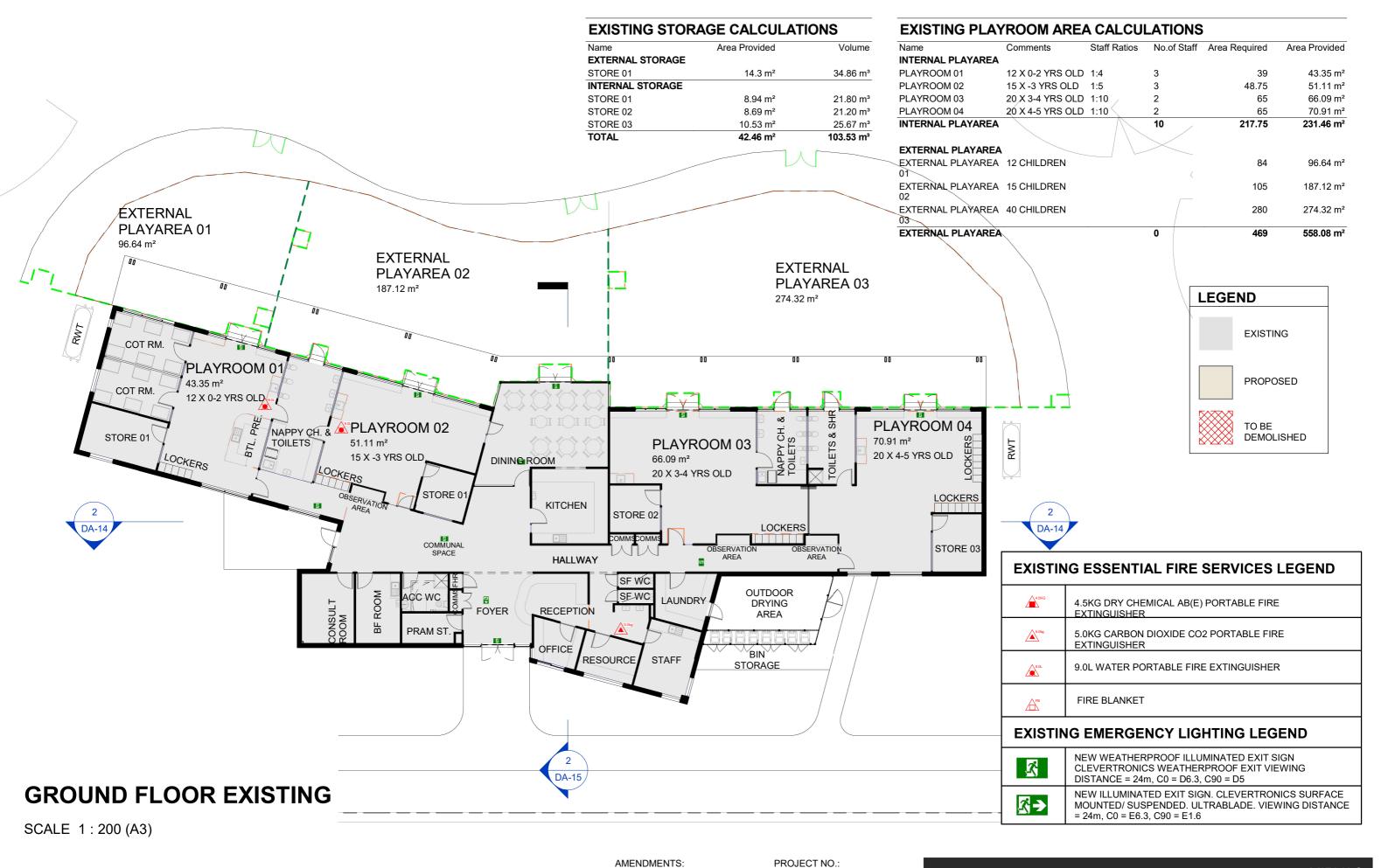
SPACES

TOTAL CARPARKING

PROPOSED ALTS & ADDS TO EXISTING CHILDCARE 2 BULLECOURT AVENUE, MILPERRA NSW 2214

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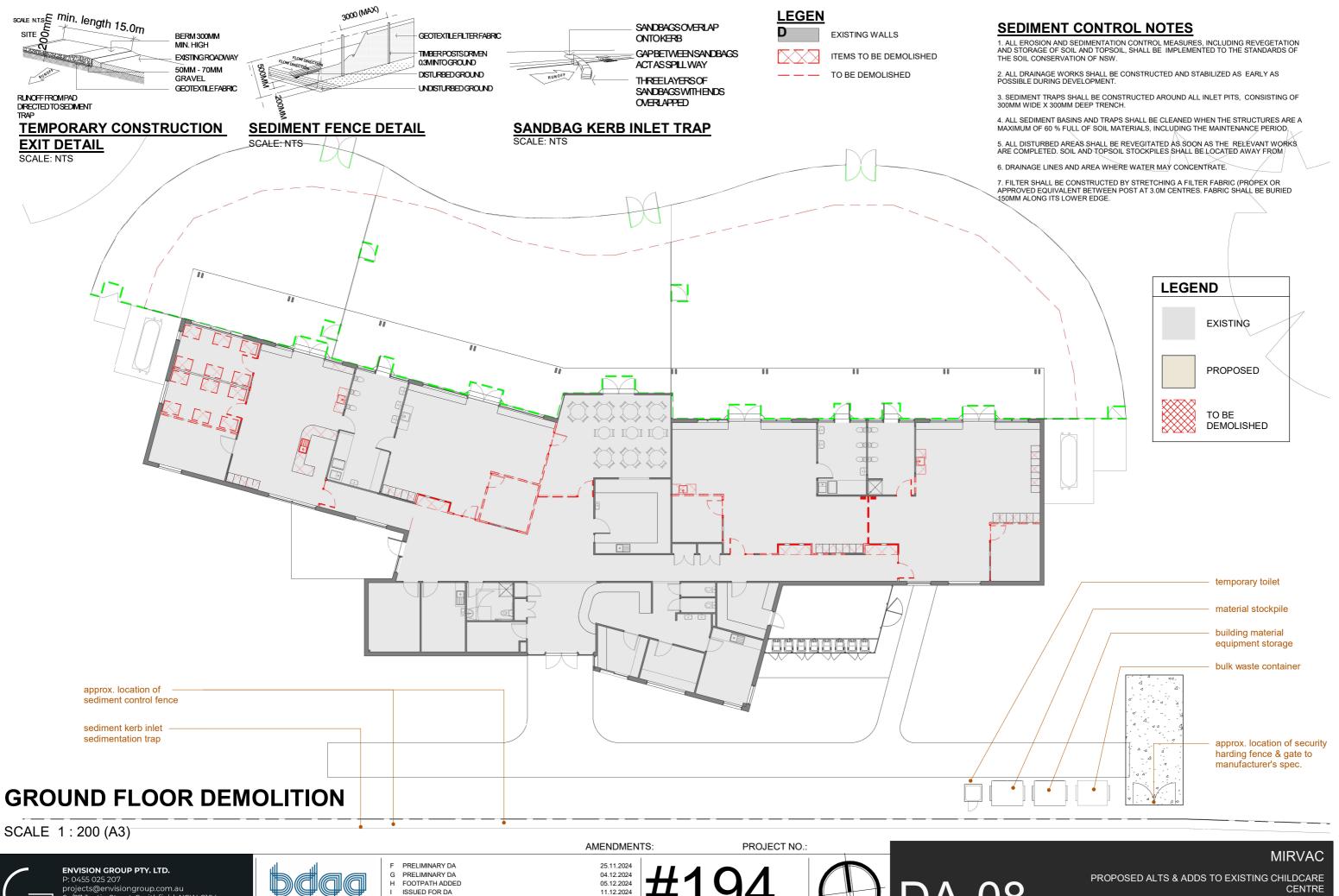
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DA-07

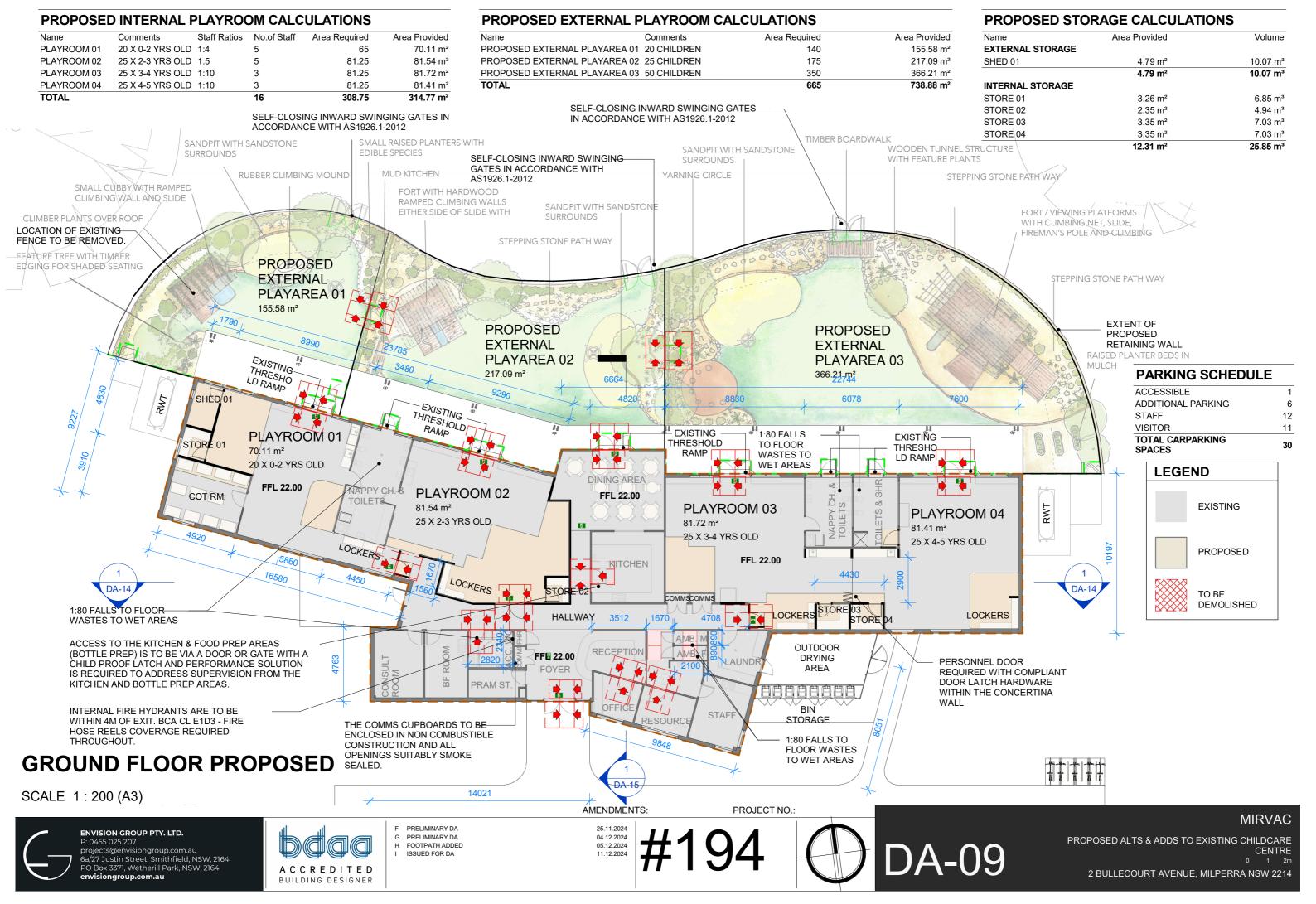
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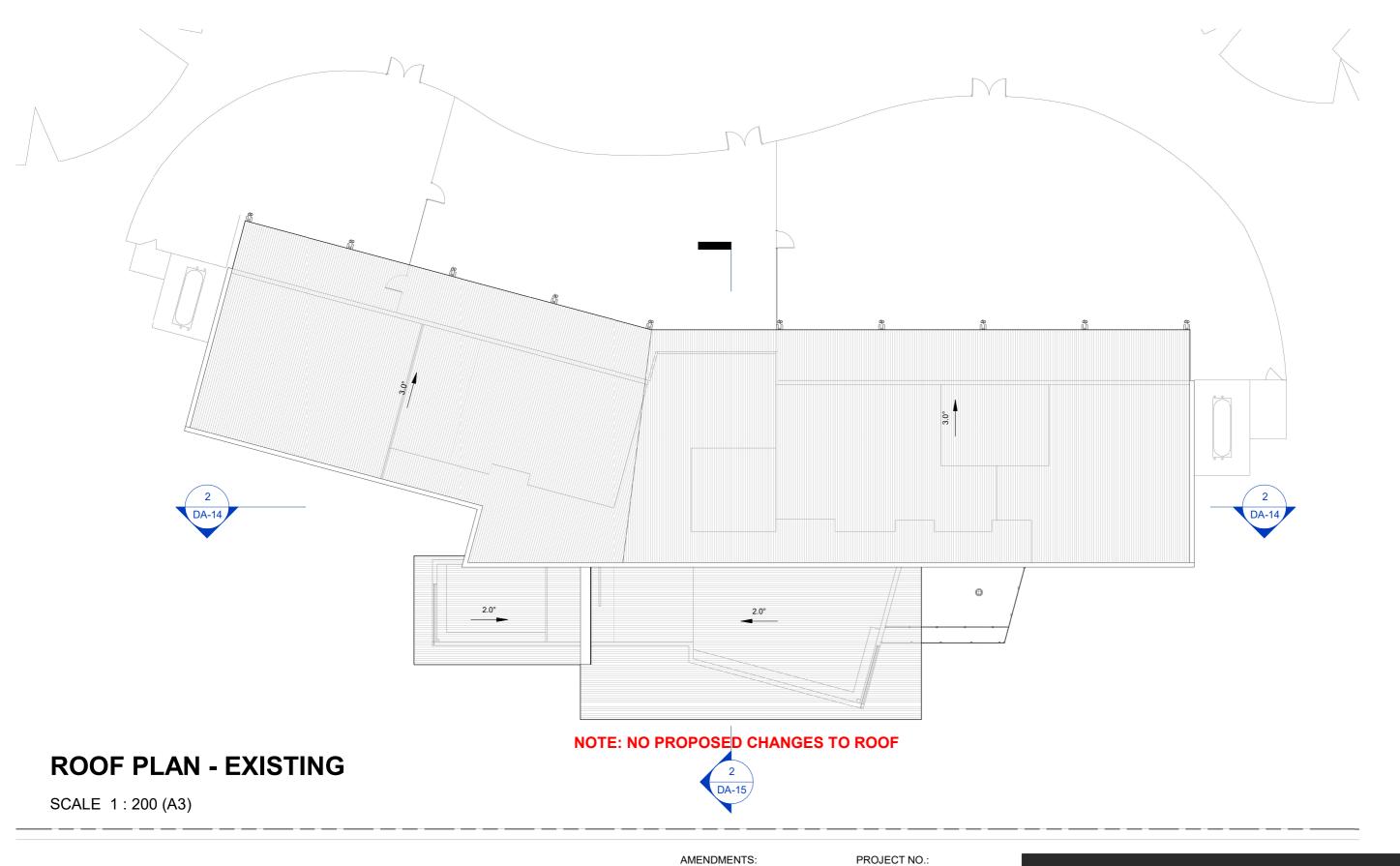


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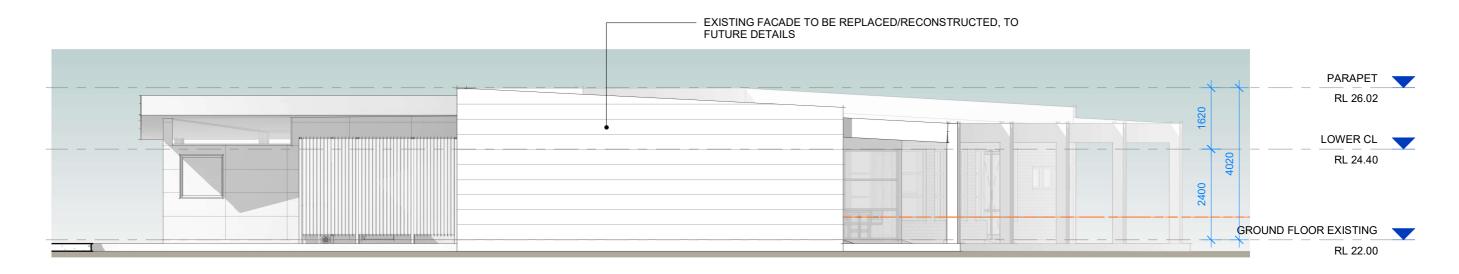


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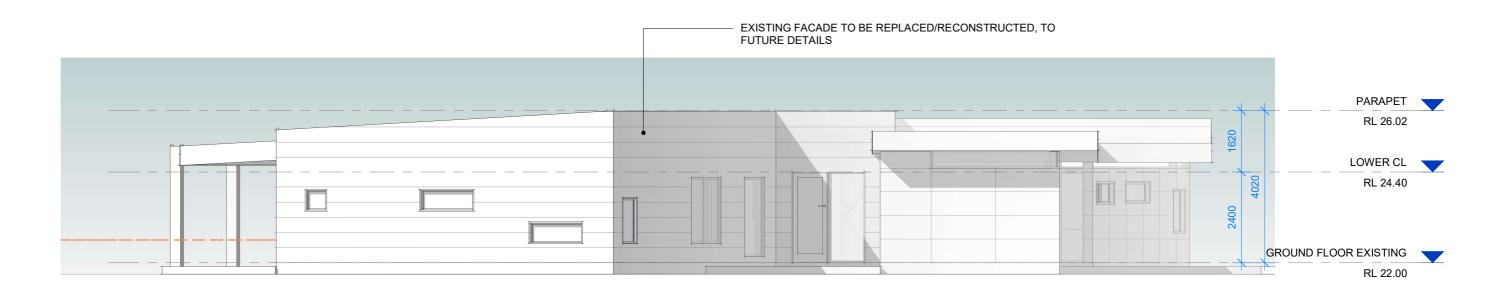


DA-10



EXISTING EAST ELEVATION

SCALE 1:100 (A3)



EXISTING WEST ELEVATION

SCALE 1:100 (A3)

NOTE: NO PROPOSED CHANGES TO EXTERNAL ELEVATIONS

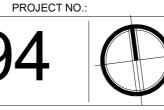






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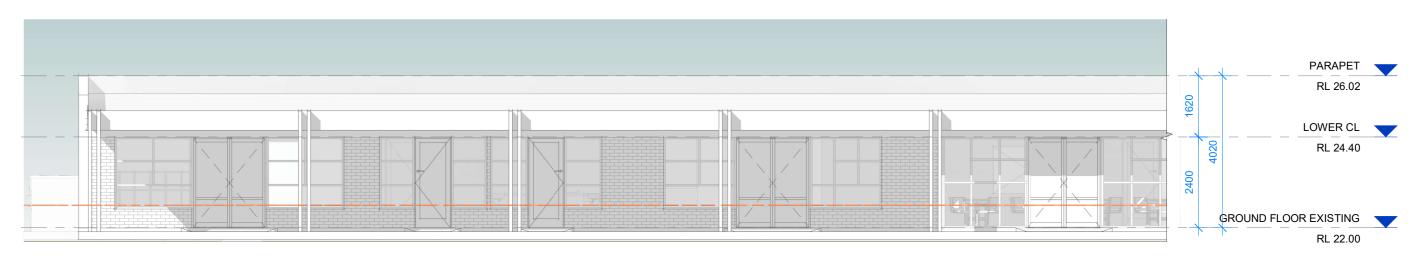


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EXISTING NORTH ELEVATION - WHOLE

SCALE 1:200 (A3)



EXISTING NORTH ELEVATION - PART 1

SCALE 1:100 (A3)



EXISTING NORTH ELEVATION - PART 2

SCALE 1:100 (A3)

NOTE: NO PROPOSED CHANGES TO EXTERNAL ELEVATIONS

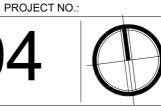






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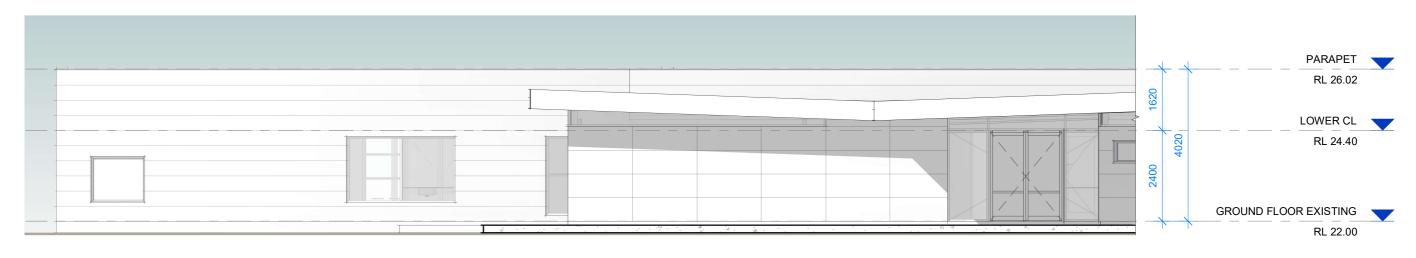
PROPOSED ALTS & ADDS TO EXISTING CHILDCARE CENTRE 0 1 2m

2 BULLECOURT AVENUE, MILPERRA NSW 2214



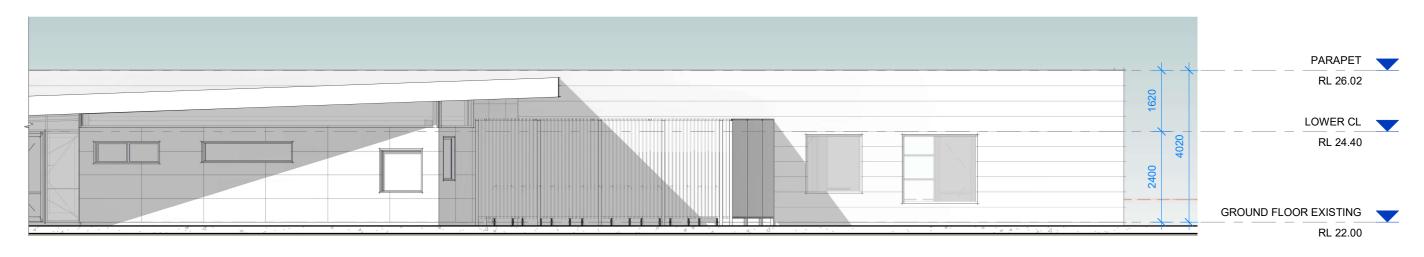
EXISTING SOUTH ELEVATION - WHOLE

SCALE 1:200 (A3)



EXISTING SOUTH ELEVATION - PART 1

SCALE 1:100 (A3)



EXISTING SOUTH ELEVATION - PART 2

SCALE 1:100 (A3)

NOTE: NO PROPOSED CHANGES TO EXTERNAL ELEVATIONS

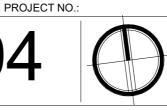




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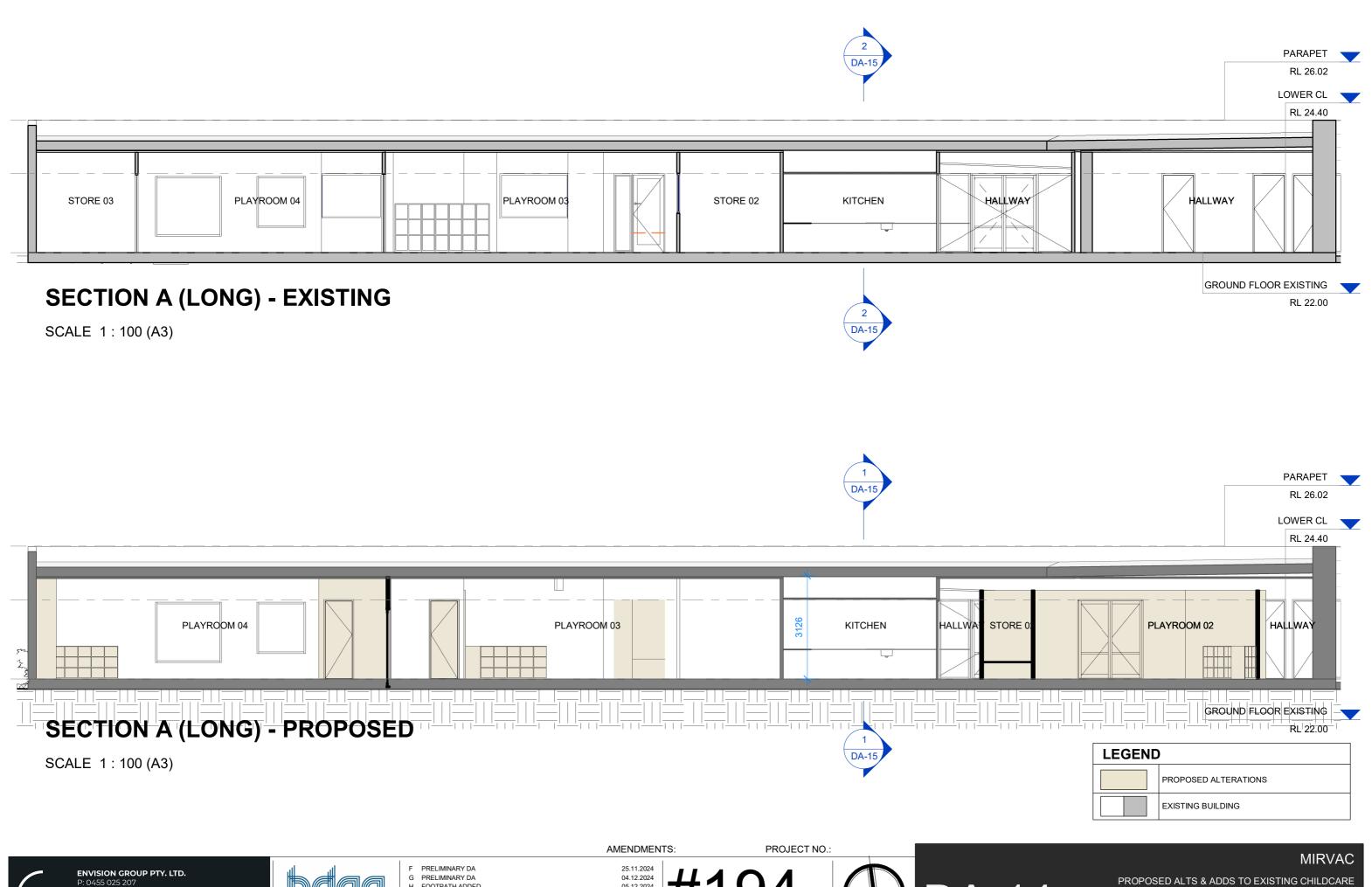
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DA-13

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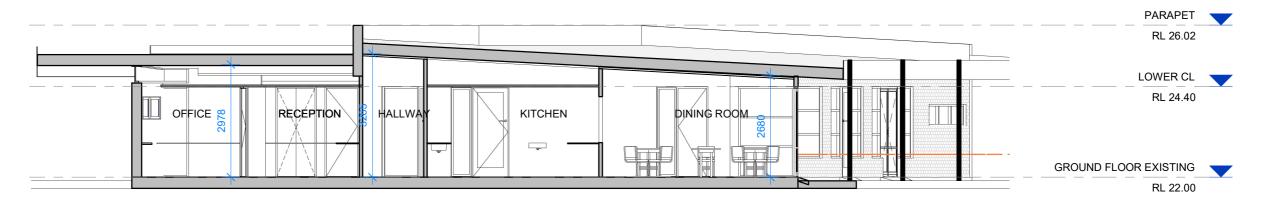
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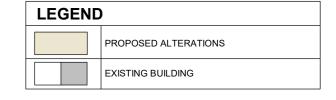


SECTION B (SHORT) - EXISTING

SCALE 1:100 (A3)



SCALE 1:100 (A3)





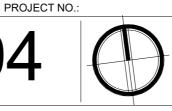


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DA-15

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GROUND FLOOR EXISTING

SCALE 1:200 (A3)

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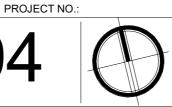
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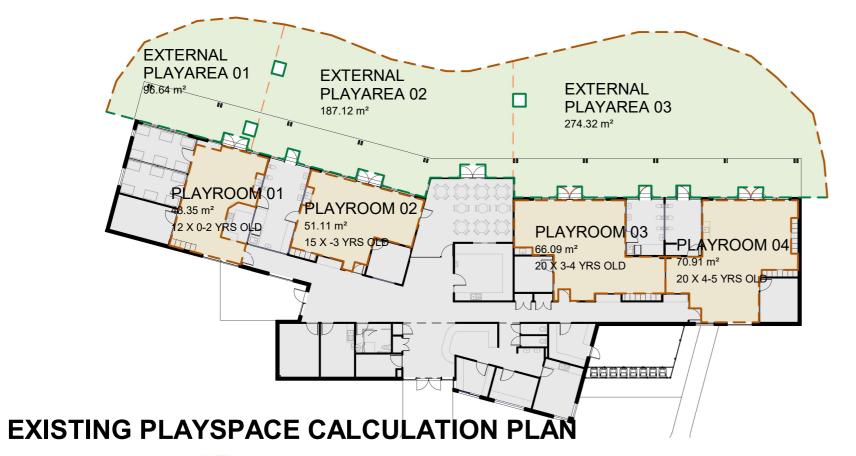
AMENDMENTS:



GFA CALCULATION

GROUND FLOOR 661.07 m²

MIRVAC



ROOM AREA	A CALCU	LATIONS	;	
Comments	Staff Ratios	No.of Staff	Area Required	Area Provided
12 X 0-2 YRS OLD	1:4	3	39	43.35 m ²
15 X -3 YRS OLD	1:5	3	48.75	51.11 m ²
20 X 3-4 YRS OLD	1:10	2	65	66.09 m ²
20 X 4-5 YRS OLD	1:10	2	65	70.91 m ²
		10	217.75	231.46 m²
12 CHILDREN			84	96.64 m²
15 CHILDREN			105	187.12 m²
40 CHILDREN			280	274.32 m ²
		0	469	558.08 m²
	Comments 12 X 0-2 YRS OLD 15 X -3 YRS OLD 20 X 3-4 YRS OLD 20 X 4-5 YRS OLD 12 CHILDREN 15 CHILDREN 40 CHILDREN	Comments Staff Ratios 12 X 0-2 YRS OLD 1:4 15 X -3 YRS OLD 1:5 20 X 3-4 YRS OLD 1:10 20 X 4-5 YRS OLD 1:10 12 CHILDREN 15 CHILDREN 40 CHILDREN	Comments Staff Ratios No.of Staff 12 X 0-2 YRS OLD 1:4 3 15 X -3 YRS OLD 1:5 3 20 X 3-4 YRS OLD 1:10 2 20 X 4-5 YRS OLD 1:10 2 10 10	12 X 0-2 YRS OLD 1:4 3 39 15 X -3 YRS OLD 1:5 3 48.75 20 X 3-4 YRS OLD 1:10 2 65 20 X 4-5 YRS OLD 1:10 2 65 10 217.75 12 CHILDREN 84 15 CHILDREN 105 40 CHILDREN 280

SCALE 1: 300 (A3)	
PROPOSED EXTERNAL	
PLAYAREA 01	
PROPOSED PROPOSE EXTERNAL EXTERNAL	
PLAYAREA 02 PLAYAREA 217.09 m² 366.21 m²	
217.09 111	
PLAYROOM 01 70.11 m ²	11 11
20 X 0-2 YRS OLD	
PLAYROOM 02 81.54 m ²	
	PLAYROOM 04 81.41 m²
	25 X 4-5 YR <mark>\$ OLD _</mark>
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PROPOSED PLAYSPACE CALCULATION PLAN	

PROPOSED INTERNAL PLAYROOM CALCULATIONS					
Name	Comments	Staff Ratios	No.of Staff	Area Required	Area Provided
PLAYROOM 01	20 X 0-2 YRS OLD	1:4	5	65	70.11 m ²
PLAYROOM 02	25 X 2-3 YRS OLD	1:5	5	81.25	81.54 m ²
PLAYROOM 03	25 X 3-4 YRS OLD	1:10	3	81.25	81.72 m ²
PLAYROOM 04	25 X 4-5 YRS OLD	1:10	3	81.25	81.41 m ²
TOTAL			16	308.75	314.77 m²

PROPOSED EXTERNAL PLAYAREA SCHEDULE2				
Name	Comments	Area Required	Area Provided	
EXTERNAL PLAYAREA 01	20 CHILDREN	140.00	155 m²	
EXTERNAL PLAYAREA 02	25 CHILDREN	175.00	217 m²	
EXTERNAL PLAYAREA 03 & 04	50 CHILDREN	350.00	363 m²	
TOTAL EXTERNAL PLAYAREA		665.00	734 m²	

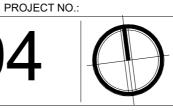
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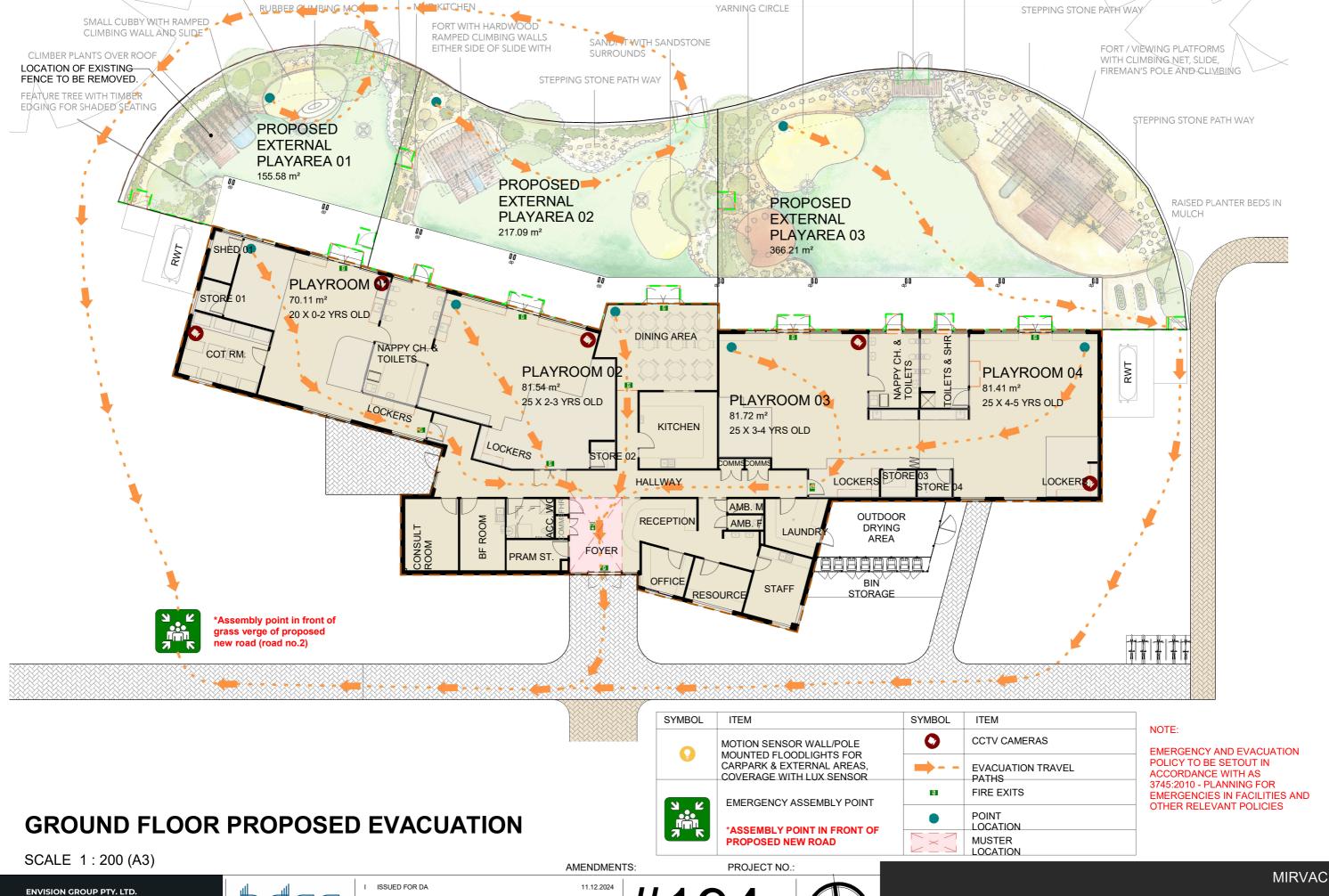
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