



Dumbleyung 5-D Experience

Corner Absolon and Dawson Streets,
Dumbleyung

Design Report

8 August 2024



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1 INTRODUCTION

The Shire of Dumbleyung engaged Sphere Architects to provide concept designs for a new 5-D Experience to highlight Donald Campbell's speed record achievement of 1964 in which Campbell piloted his innovative jet powered Bluebird K7 hydroplane to a new world record on water of 444km/hour.

The traditional owners of Lake Dumbleyung are the Noongar people, and the Lake holds great cultural and historical significance serving as a focal point for both Indigenous and non-Indigenous communities covering an area of approximately 52 km². It is one of the largest natural in-land lakes in West Australia. The lake has provided water and sustenance into the region for thousands of years and continues to be a vital resource for local flora and fauna.

Dumbleyung is located on the secondary route from Perth to Esperance and Bremmer Bay and is a popular stop for travellers on this journey.

The attractive bush surrounding the lake attracts sightseers and boat enthusiasts all year round. Good facilities bring tourists and visitors to the area. The purpose of the new Bluebird 5-D Experience is to reinforce Dumbleyung as a visitors' destination.

The new building is to encapsulate 5-D technology to be provided by Shuqee, a Chinese manufacturer, who has a record of providing this type of experience for theme parks, amusement arcades, museums and learning organisations.

The proposed location of the new building is the current Community Resource Centre (CRC) on the corner of Dawson and Absolon Streets in Dumbleyung. This is a logical choice as the current Bluebird Interpretation is located in the building, and the full-scale replica of the Bluebird hydroplane is located on the adjacent street corner.

The Design Brief initially called only for a new 5-D Experience, but we have attempted to address the whole development in a holistic manner. To achieve a "world class experience" new toilets, new cafeteria and new external hospitality spaces should be considered. Landscaping, paving and a new timber deck are intended to add ambiance to the design.

This report provides an overview of the project and explains the concept design process for the Bluebird 5-D Experience.

2 SITE ANALYSIS

Topography

The site has a gentle fall of approximately 1:37 from the north end of the site to the south. The site is bounded by concrete footpaths on the west and southern sides. The eastern side has a 1.8-meter-high fence which separates it from the neighbour's building, which is about 1.2 meters away from the fence. The northern boundary borders onto a sanitary lane or axe handle access to the adjacent site. The soils appear to be stable sand.

A feature survey will need to be commissioned to accurately locate all these features before the next stage of design begins.

Vegetation

The Community Garden occupies the northern half of the site, and this is obviously an important part of the town's culture and is to be preserved. A large fig tree is located between Dawson Street and

the CRC building and apart from being an attractive feature it also screens the CRC building from the aggressive west sun.

Access to the site

The site is located on a corner of Dawson and Absolon Streets. Vehicle access to the existing carport is from Dawson Street. Pedestrian access is through the main entry to the CRC building on Absolon Street. This access is not compliant with accessibility codes and Australian Standard 1428.1. The existing entrance can still be used as an access to the building, because an alternative compliant means of access is offered. Providing compliant access to the new facilities will be an important part of the design. An access consultant should be engaged in the next stage of design to assess code compliant access to the complex.

Orientation and climate

The orientation of the site is north-south. The prominent side of the CRC faces west, which is a challenge from the sun control point of view. The new facility will help screen the CRC from aggressive sun. The existing veranda area is on the eastern side, which is a much easier orientation to control solar gain to the building.

Views and amenity

The site is located on the main street running through Dumbleyung and is a very prominent position and visible to people passing through the town.

Planning requirements

No cognisance has been taken of planning requirements at concept design stage. The proposed building extensions have been extended all the way to the boundaries on the east and west side of the block. This will need planning approval before the detail design stage begins.

3 EXISTING BUILDINGS

The principal building on the site is the original post office, which was built in 1926. It was recently repurposed as the Community Resource Centre and the Bluebird Discovery Centre was commissioned inside the main space.

The building is in reasonable condition with all the original timber windows and doors in place. The original timber strip floors are in a fair condition. The timber strip ceilings in the main hall are showing signs of sagging and should be replaced if the budget can cover it. External red face brick walls are well preserved and retain the original pointing. The roof sheets were replaced at some stage in the past and are in good condition. The electrical lighting is dated and likely to be inefficient. An audit of the electrical system will be conducted in the next stage of the design. The building does not comply with accessibility codes such as Australian standard 1428.1. Because this is an old building this is not necessarily a problem for the staff who use the meeting rooms and library, but any new facilities to be used by the public must comply with this standard.

The CRC building is not a heritage listed building, but it is an asset to the town as it retains a lot of history, and it is appropriate that Donald Campbell's story should be melded with the history of the town. The new 5-D Experience will enhance the story of the water speed record achievement. There are opportunities to commemorate the history of the post office too. Part of the narrative could remind visitors of days gone by when each family had its own key to a post box, and letters were collected from the post office. This contrasts with today where communication is digital, and the need for post offices is diminished. The history of the post office could be illustrated with interesting photographs and narrative from locals in the town. All these devices enhance the history of the town and region and accentuates the charm of an outback town.

There are several nondescript buildings on the site which are utilitarian, at the North side of the

development, which appear to be used for storage. Generally, their condition is poor, and at some stage in the future they should be replaced with purpose targeted buildings.

The Donald Campbell bust is displayed in a glass box externally on Absolon Street. It will be moved into a special alcove in the CRC, where the old post boxes are currently located.

The replica Bluebird K7 is displayed under a roof structure on the opposite corner of the street. There is plenty of parking nearby for visitors stopping to view the display or the CRC.

4 EXISTING SITE SERVICES

At this point only a visual survey of the services has been done. A detailed survey will need to be done by the Electrical, Hydraulic and Mechanical Engineers. These reports will be done at the next stage if the project is considered to be feasible.

5 CONCEPT DESIGN OBJECTIVES

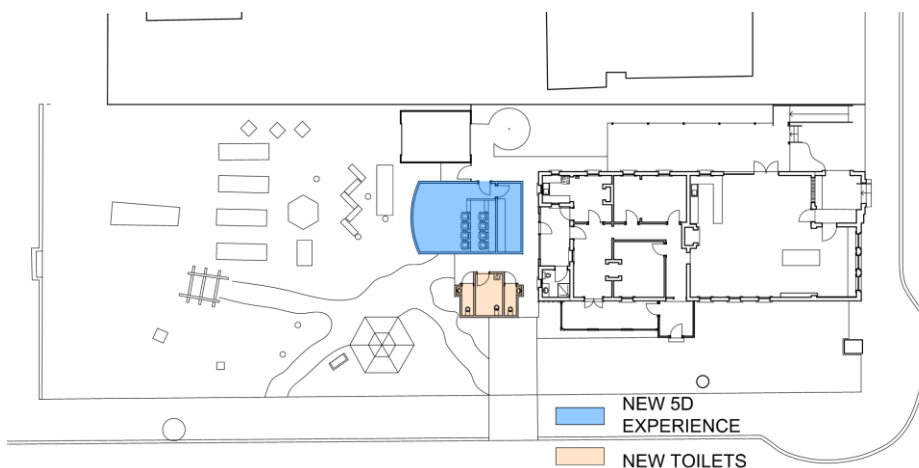
The concept design of the new development is based on the following objectives.

1. Make a visual statement to passing traffic that there is an interesting experience to be explored.
2. Make this a world class facility.
3. Offer hospitality that is a draw card for travellers to stop and take a break from driving.
4. Offer a safe accessible code compliant entry to the facilities.
5. Offer multiple services, including;
 1. Community Resource Centre with information about the town and region
 2. Bluebird Interpretation and 5-D Experience
 3. Hospitality in the form of coffees and snacks, which can be taken away, or consumed on the premises, either inside the Bluebird Interpretation or in an attractive, decked, and landscaped outdoor veranda area.

6 SITING OPTIONS

Four options have been considered for the siting of the new buildings. In each case, a 5-D Experience and a toilet block is designed.

1. Located between the CRC and the Community Garden



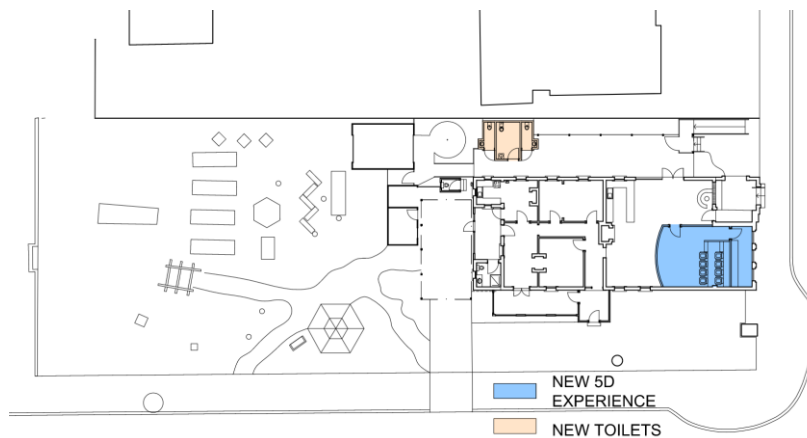
1. Pros

1. Minimum impact on the CRC

2. Cons

1. Too far away from the CRC and Bluebird Interpretation. Visitors will have to pass through the veranda to find the new 5D Experience and toilets.
2. Too far away from the main street frontage. It would be difficult for the new building to have a visual impact on passing traffic.
3. Several old buildings will need to be demolished to minimise the impact on the Community Garden.

2. Located in the CRC.



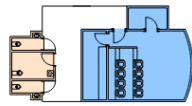
1. Pros

1. Economical in terms of space utilization.
2. Economic in terms of cost; only the toilet block would be new.

2. Cons

1. Limits the use of the space as a community resource centre and may reduce the display space for the Bluebird Interpretation.
2. The new toilet block might conflict with setbacks with the neighbour on the east side.

3. Located at Lake Dumbleyung; either at the Lookout or Yacht Club



- NEW 5D EXPERIENCE
- NEW TOILETS

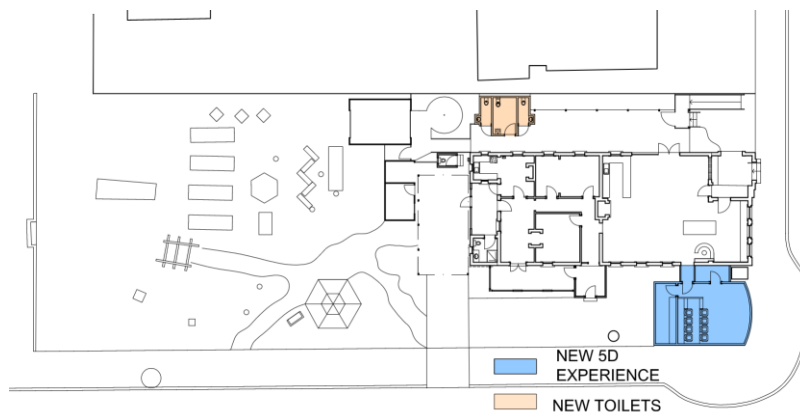
1. Pros

1. Close to the lake, with great views

2. Cons

1. Too remote. Would require a full-time member of staff to keep the facility open and to sell tickets.
2. Security of the facility might be a problem.
3. It splits the Donald Campbell tribute into three components:
 1. The 5-D Experience,
 2. The Bluebird replica
 3. The Bluebird Interpretation.

4. Located between the Dawson Street footpath and the CRC



1. Pros

1. Located on the corner of two streets, it offers the opportunity to make a visual statement about the new building, which will attract passing visitors.
2. Has a minimum impact on the existing buildings, as the new buildings are stand-alone structures. The new 5-D Experience is linked to the existing CRC by a new passage.

3. New accessible toilets including a universal access toilet (UAT) will be located on the eastern side adjacent to the hospitality zone.
4. There is the opportunity to remodel the interior of the CRC to create a new contemporary looking cafeteria, with new catering equipment, and new glass doors opening onto the existing veranda.
5. The veranda floor will be rebuilt with a new timber deck floor to make it enticing as an external venue for hospitality. The new veranda floor level would match the floor level in the CRC. An accessible ramp and steps will be provided from the street frontage onto the new veranda. All the public amenities are designed on one level, and this will give compliance with AS 1428.1
6. The veranda roof is retained and extended to cover the new toilets.
7. New paving and landscaping are to be installed to create interesting and intimate spaces for hospitality.

2. Cons

1. The new 5D facility might conflict with setbacks on Dawson Street.
2. The new toilet block might conflict with setbacks with the neighbour on the east side. (Although the existing garage is about 700 mm away from the said boundary)
3. Special footings must be designed for the new building to minimise impact on the existing tree on Dawson Street.

7 ARCHITECTS DESIGN RESPONSE

We have developed Option 4, as we believe this will give you best value for money and create the most interest from tourists and visitors, and hopefully the best financial return on your proposed investment. (See appendix 1) The construction methodology uses a steel frame with compressed fibre cement (CFC) external sheeting, as this is a lightweight method of construction, and is best suited to building close to the existing tree. The curved roof is a reference to the shape of the marine hull of the Bluebird hydroplane.

Following feedback from stakeholders, we have made the following changes to the drawings;

1. We have muted the colours of the new 5D Experience building and changed the wall material to grey weather board to match the existing building extension on the west side.
2. We have rendered the brickwork of the existing building. (Previously it was shown white to indicate existing building).
3. We have moved the wire mesh Donald Campbell bust to the CRC veranda.

Part of the Shire's response was to consider a brick-and-mortar construction for the 5-D Experience to match the existing CRC. We have produced a design for this; See Appendix 1. Masonry construction is quite heavy, and there is no visual contrast with the CRC building to indicate there is something exciting to explore at the site. In our opinion the weatherboard option is visually more appealing than masonry.

8 SHUQEE'S DESIGN RESPONSE

Our preliminary drawings were sent to Shuqee in China for comment. They took our design and gave us a preliminary plan for the new 5-D facility. (See appendix 2)

Shuqee sent us a video, to show a similar facility. See link below; copy & paste the link into the browser, and download the video.

https://drive.google.com/file/d/1hxGNx7k_IFV__dc1ATPodctANWzH_sTJ/view?usp=sharing

9 QUANTITY SURVEYOR'S COST ESTIMATE

Owen Consulting have provided a cost estimate of the project; see Appendix 3

They have broken the cost into four elements;

- New 5-D experience addition

- New toilets addition

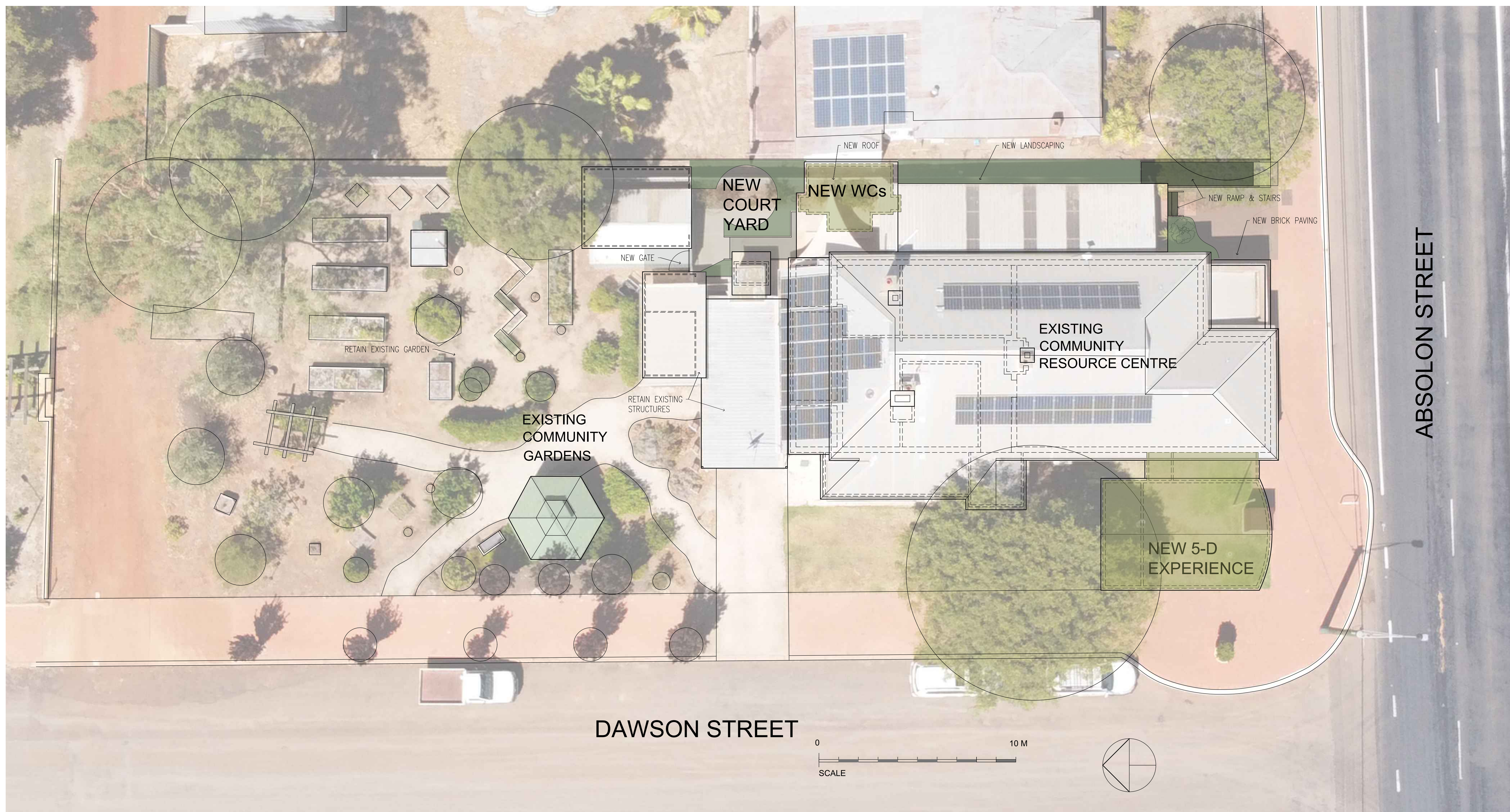
- Existing building upgrades

- External works

Allowance is made for a kitchen equipment upgrade.

A new switchboard is included, but not a Western Power upgrade.

APPENDIX 1; ARCHITECT'S DRAWINGS



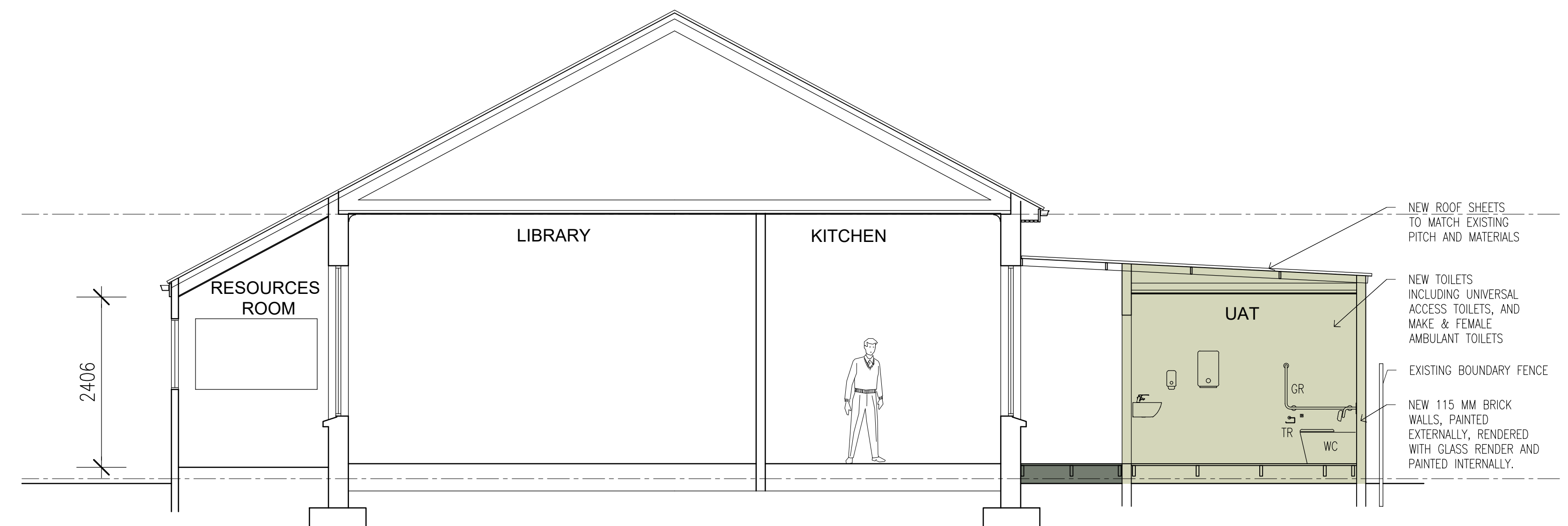
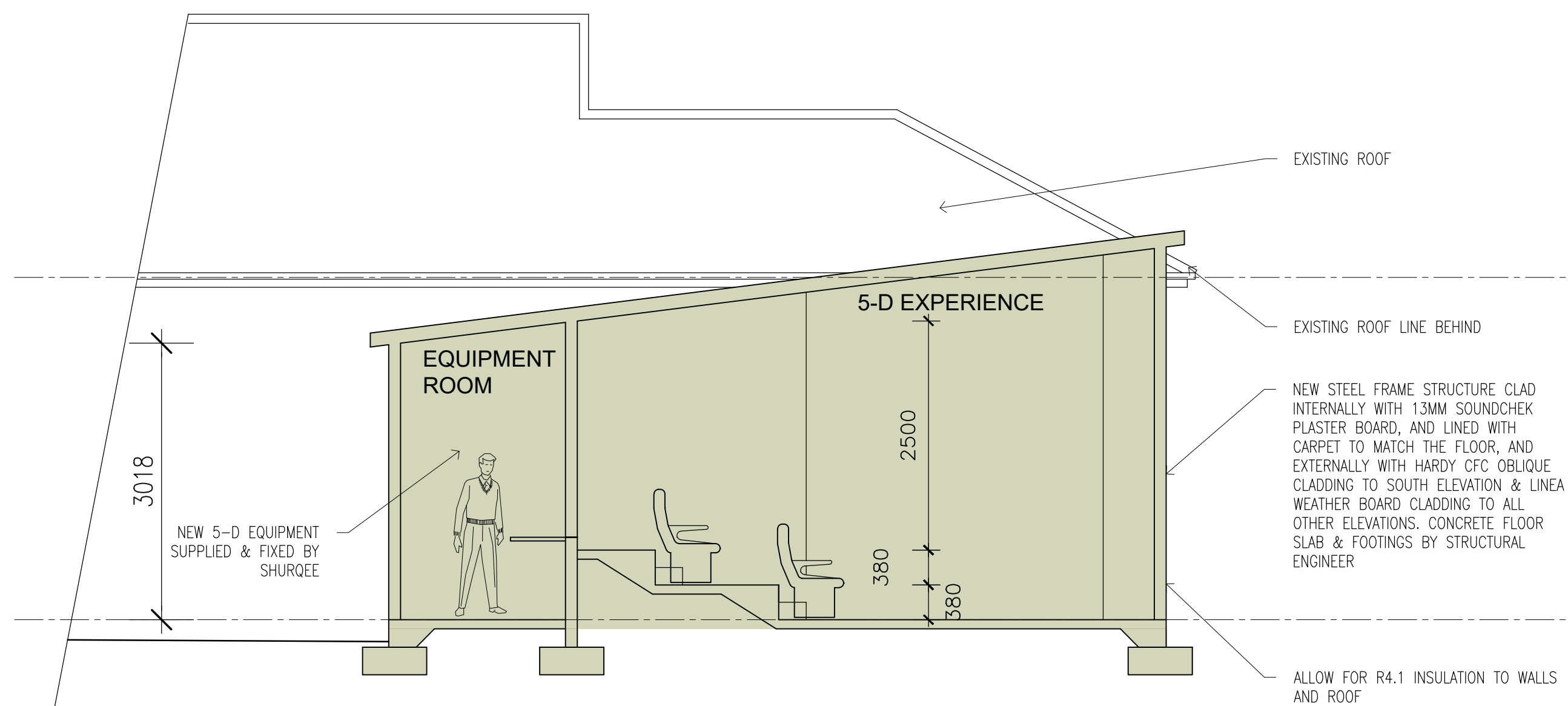
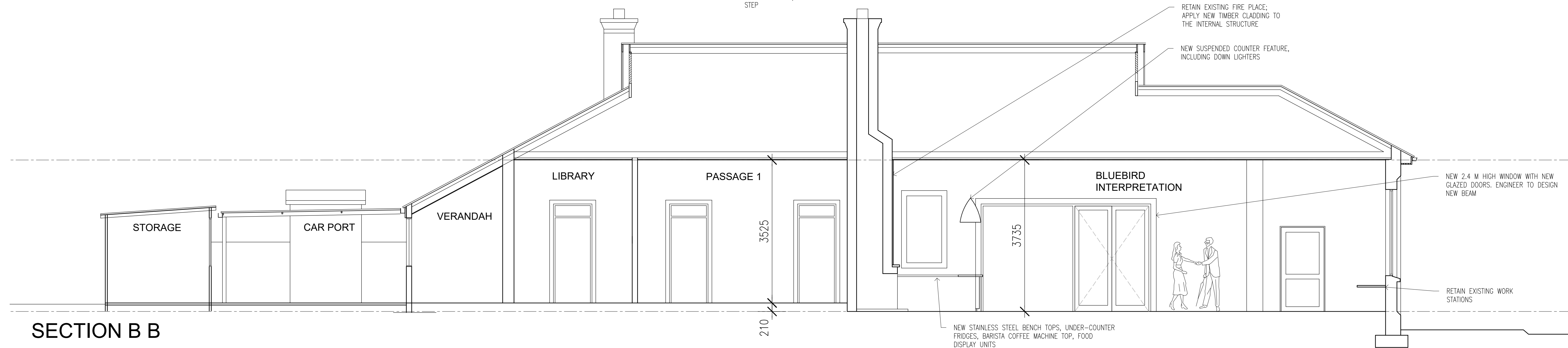
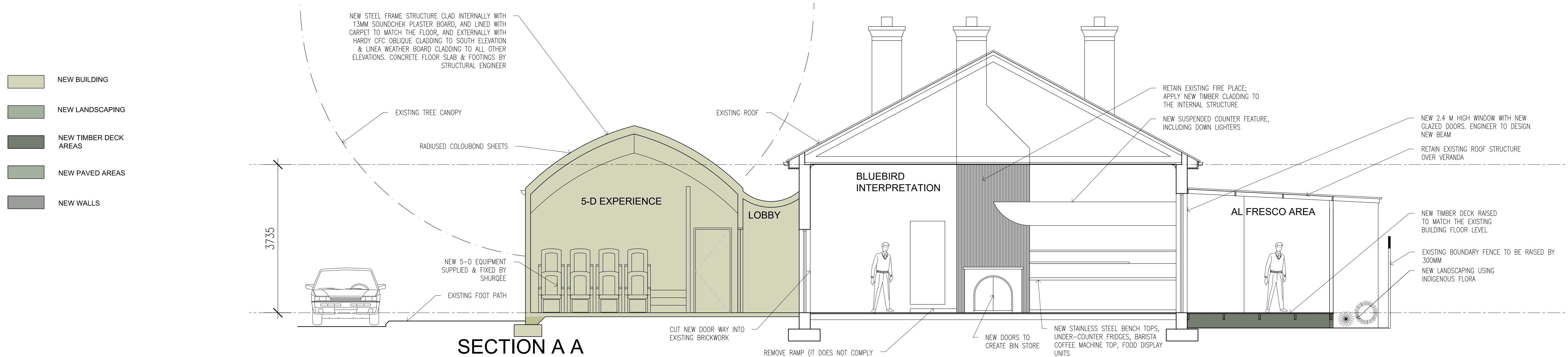
SHIRE OF DUMBLEYUNG NEW 5-D EXPERIENCE

NEW SITE PLAN
15 JULY 2024
1:100 @ A1

SK.01
REV B



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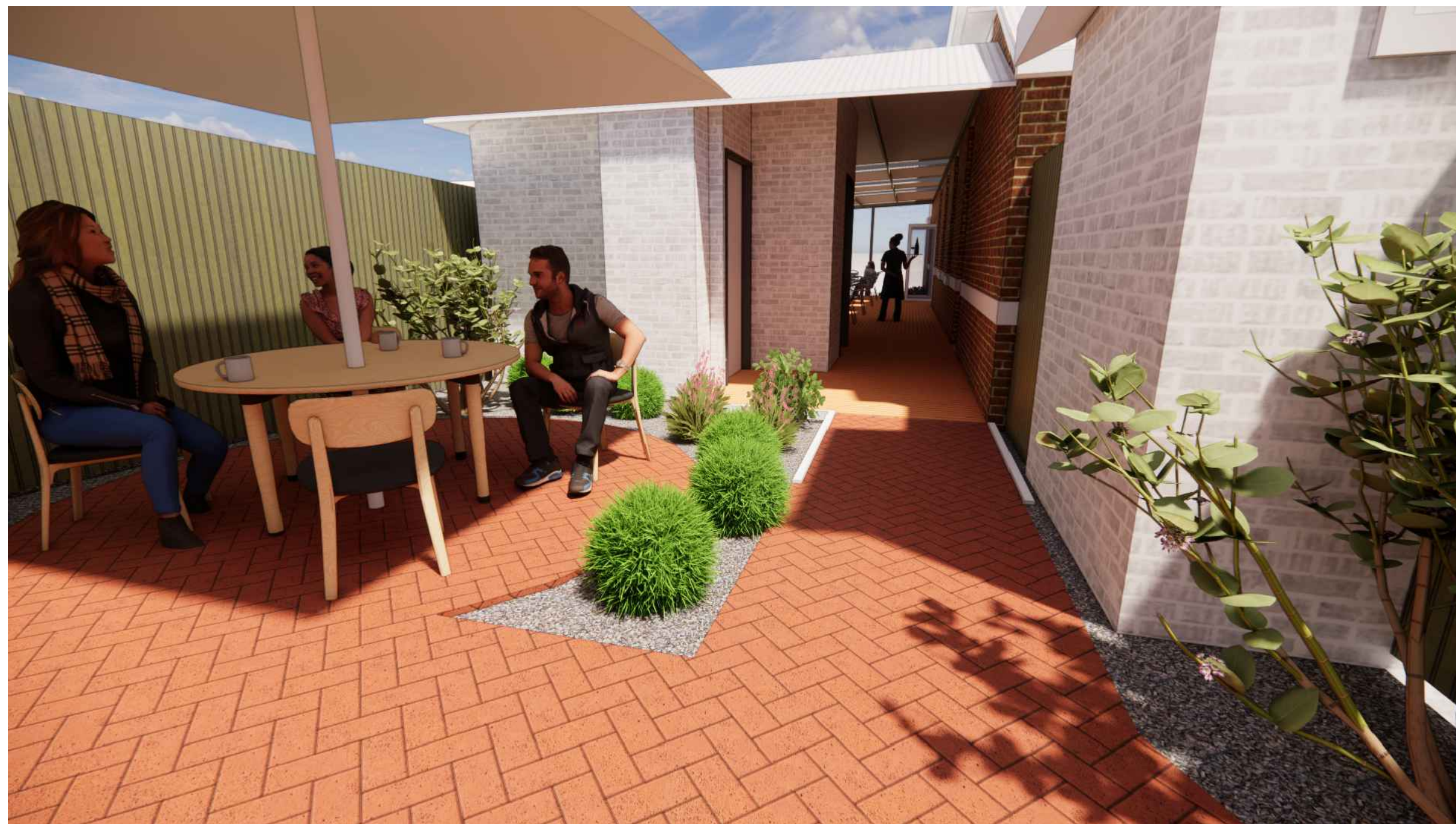
SHIRE OF DUMBLEYUNG NEW 5-D EXPERIENCE

NEW SECTIONS
15 JULY 2024
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SHIRE OF DUMBLEYUNG NEW 5-D EXPERIENCE

PERSPECTIVES
7 AUGUST 2024
NTS

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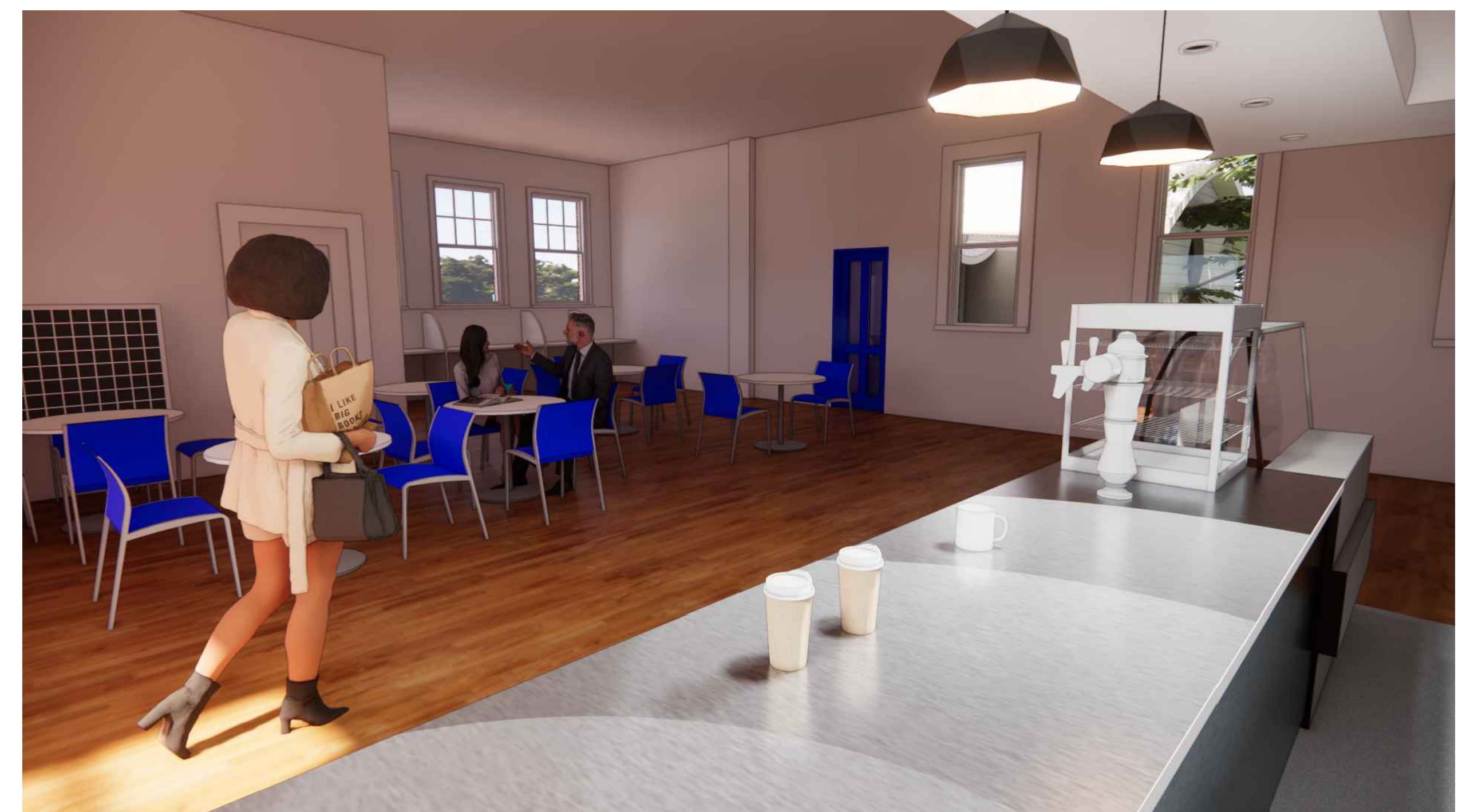
SHIRE OF DUMBLEYUNG NEW 5-D EXPERIENCE

PERSPECTIVES
7 AUGUST 2024
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SHIRE OF DUMBLEYUNG NEW 5-D EXPERIENCE

PERSPECTIVES
7 AUGUST 2024
NTS

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SHIRE OF DUMBLEYUNG NEW 5-D EXPERIENCE

PERSPECTIVES
7 AUGUST 2024
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SITE PLAN 1;100



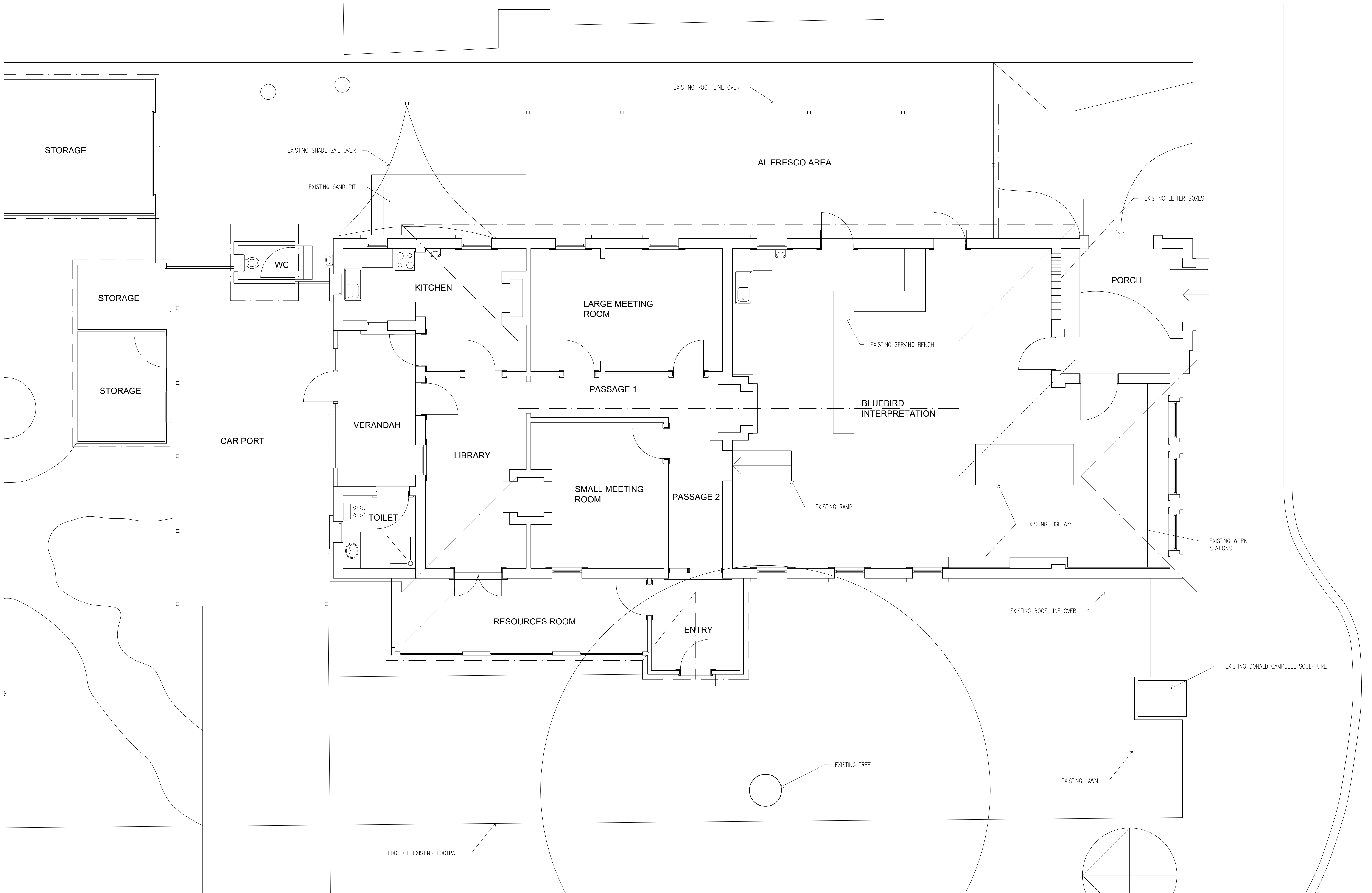
SHIRE OF DUMBLEYUNG NEW 5-D EXPERIENCE

EXISTING SITE PLAN
9 FEBRUARY 2024
1;100 @ A1

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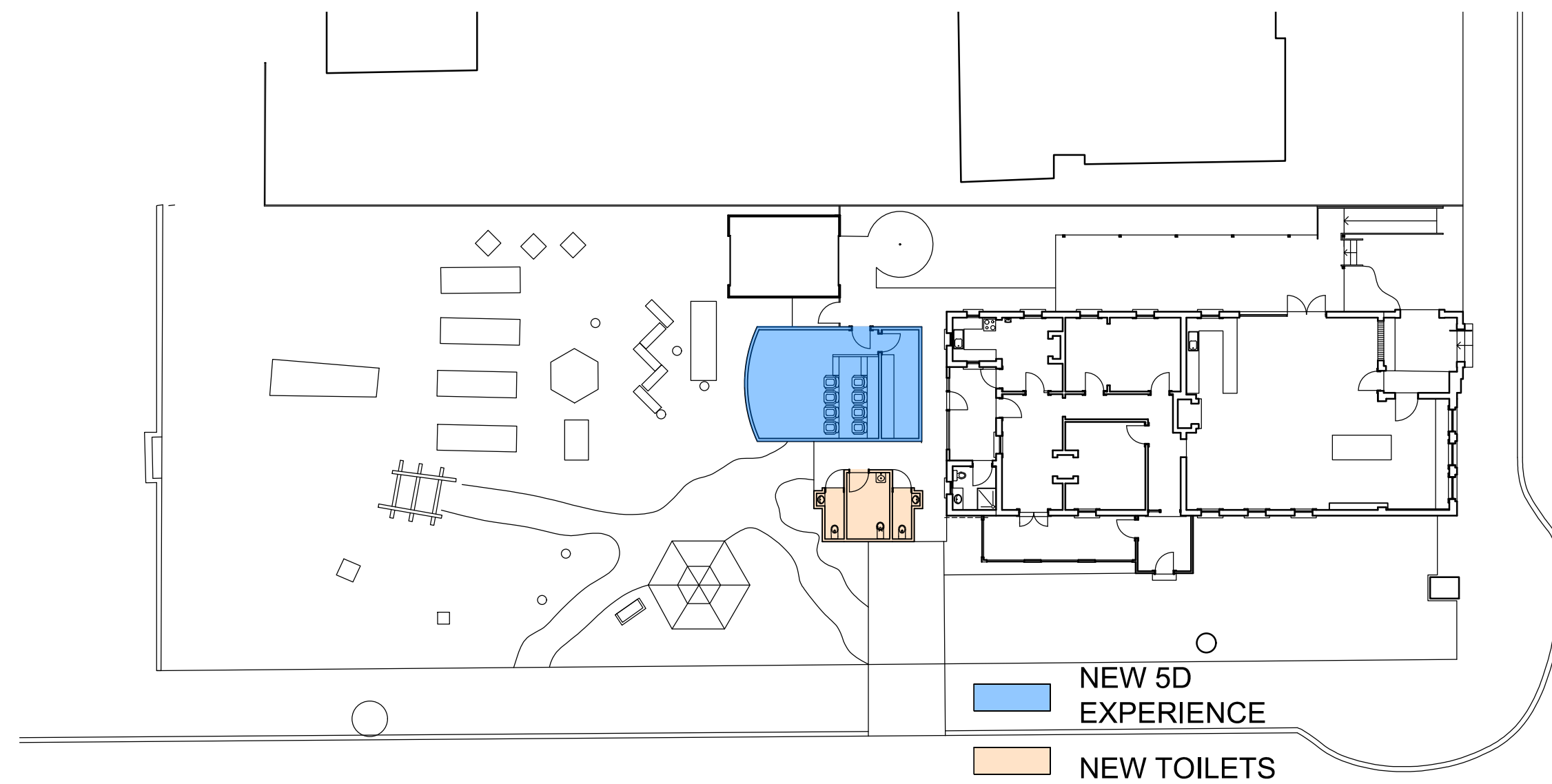
SHIRE OF DUMBLEYUNG NEW 5-D EXPERIENCE

EXISTING FLOOR PLAN
9 FEBRUARY 2024
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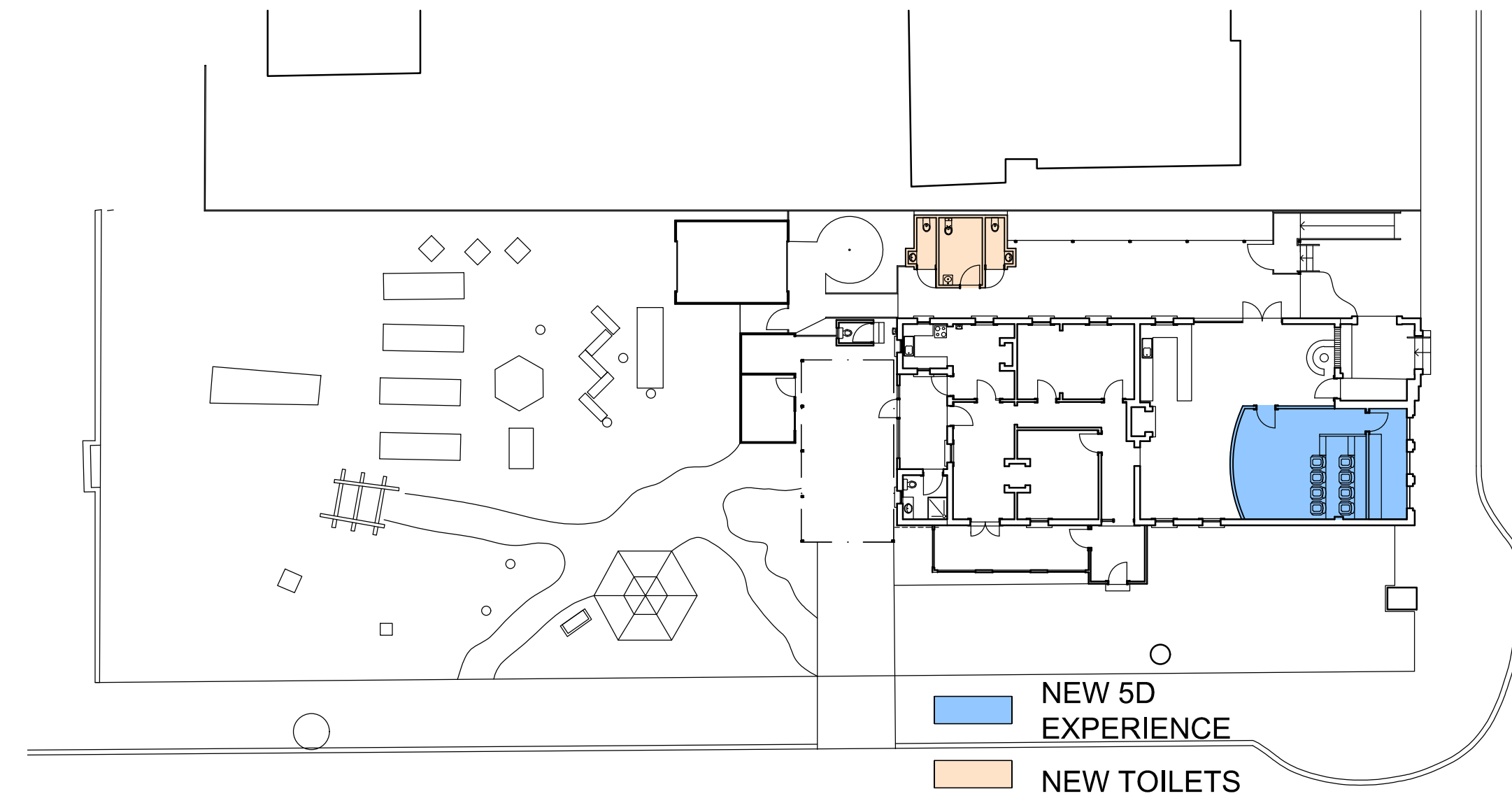
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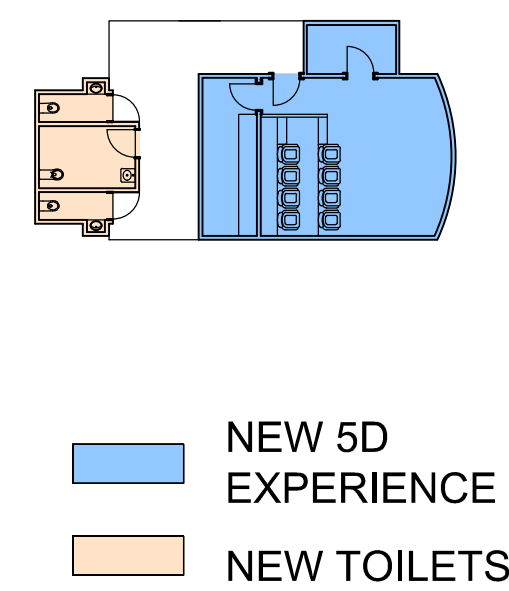
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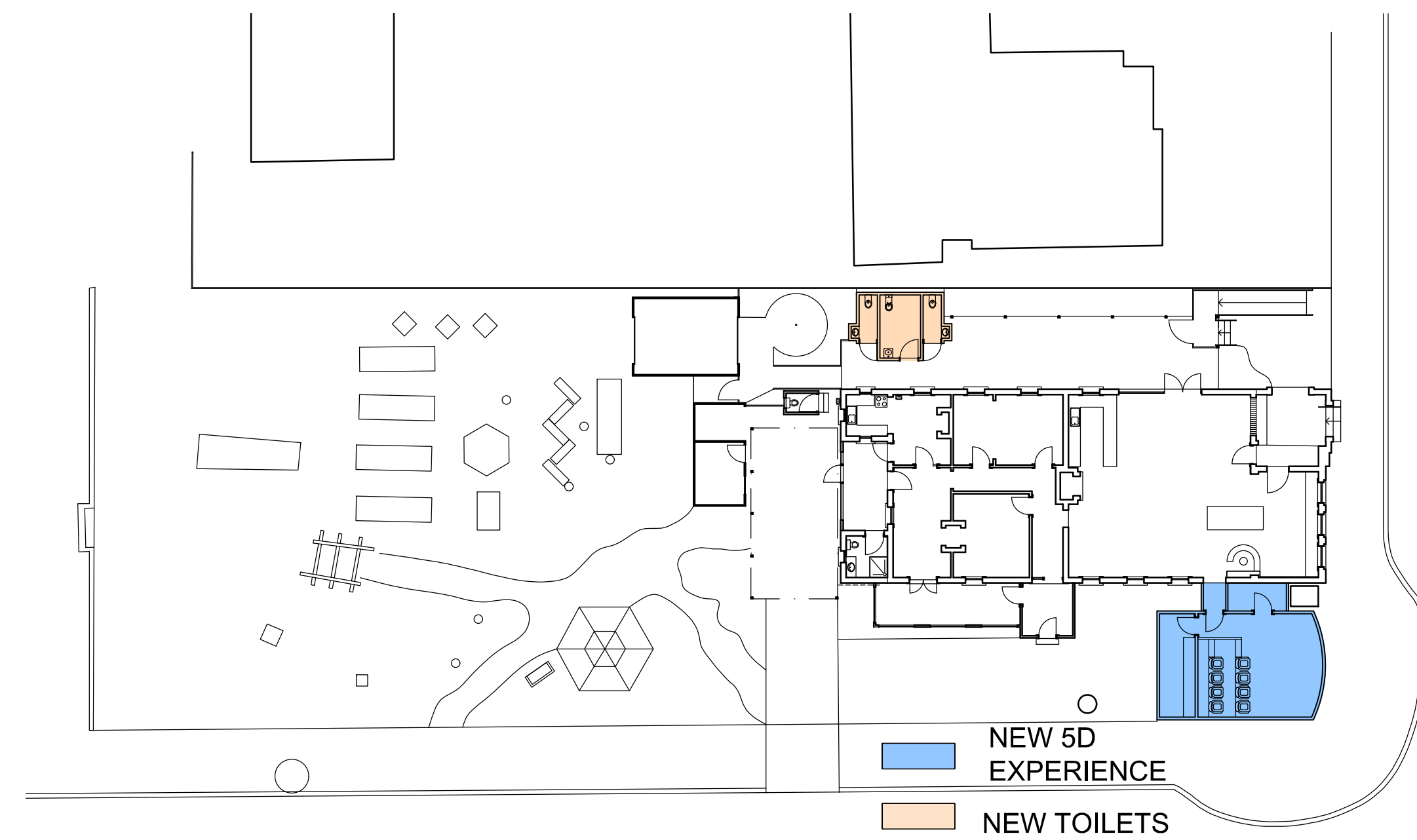
OPTION 1



OPTION 2



OPTION 3

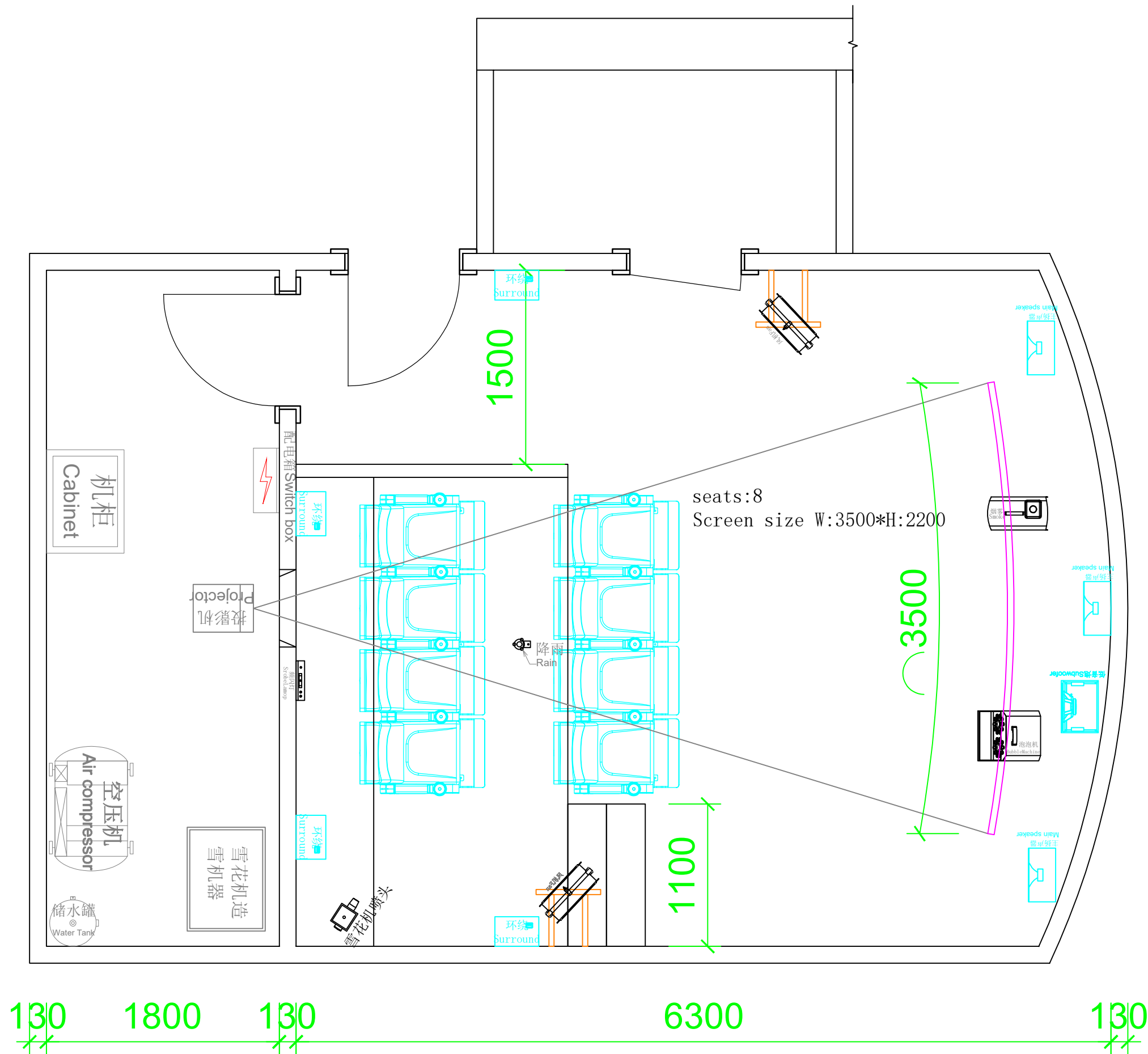


OPTION 4



APPENDIX 2; SHUQEE’S DRAWING

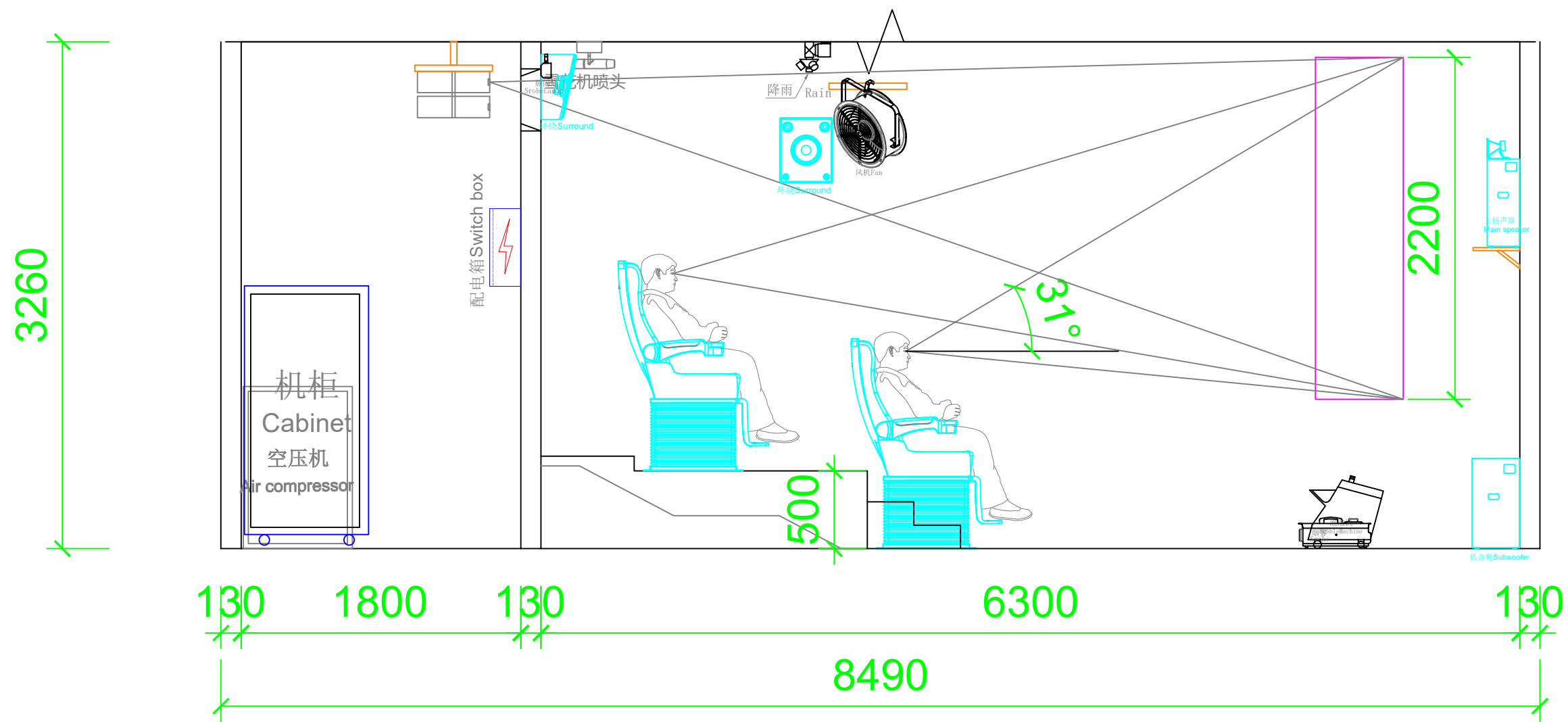
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Project Name	6-D experience building
Title of drawing	Floor plan
Figure number	P01
Design number	SQ240222-01
Drafting	Feng
Examine	Wang
Project leader	Alina Liu
Proportion	1:50
Date	2024.02.22

Remarks:

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- 2.All the dimension should be checked according
to actual space size. Don't measure the drawing
base on the proportion , As shown in figure within
all authentic drawing
- 3.If it shown in figure isn't in conformity with the
site, size with the actual size shall prevail make
adjustments.
- 4.Without being sealed by a stamp, drawings can't
be made construction purposes



Project Name	6-D experience building
Title of drawing	Section view
Figure number	P02
Design number	SQ240222-01
Drafting	Feng
Examine	Wang
Project leader	Alina Liu
Proportion	1:50
Date	2024.02.22

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APPENDIX 3; COST ESTIMATE

owenconsulting

quantity surveyors + construction consultants

12 July 2024

SHIRE OF DUMBLEYUNG

New 5-D Experience

Concept design cost estimate

5-D Experience addition	\$ 380,000.00
Toilet addition	\$ 150,000.00
Existing building upgrades	\$ 120,000.00
External works	\$ 130,000.00
Construction Cost (excl GST) - Perth	\$ 780,000.00
Regional loading - 25%	\$ 195,000.00
Construction Cost (excl GST) - Dumbleyung	\$ 975,000.00
Design + construction contingency (15%)	\$ 145,000.00
Construction Cost + Contingency (excl GST)	\$ 1,120,000.00
Consultant fees (12%)	\$ 135,000.00
Council PM fees	excluded
Council fees and charges	excluded
Loose furniture and equipment	excluded
ESD initiatives (PV system, rainwater re-use, etc.)	excluded
Cost escalation to tender (6 months)	\$ 40,000.00
Project Cost (excl GST)	\$ 1,295,000.00

Notes

- * This cost estimate is preliminary only based on Sphere Architects' concept design drawings and is not based on engineering consultant input

Specific estimate exclusions (in addition to items noted above)

- * Project staging
- * Upgrade to existing alfresco roof
- * Upgrade submains to building
- * New grease trap

Specific estimate inclusions (Perth based prices)

- * 5-D Experience fitout incl. seats - PS \$60,000
- * Servery equipment - PS \$20,000
- * Building switchboard upgrade (5-D Experience addition) - \$25,000

Project: 24034 - Shire of Dumbleyung**Details:** Concept design cost estimate**Building:** New 5-D Experience

Item	Description	Quantity	Unit	Rate	Total
5D EXPERIENCE ADDITION					
PR - Preliminaries					
1	Allowance for builders preliminaries costs		item		60,000
2	FECA	50	m2		
SB - Substructure					
3	Concrete floor and footings	54	m2	200.00	10,800
4	Extra over for tiered concrete floor	9	m2	500.00	4,500
5	Junction between floor and existing building	6	m	150.00	900
					16,200
CL - Columns					
6	Structural steel columns (roof area)	65	m2	140.00	9,100
					9,100
RF - Roof					
7	Feature curved roof	65	m2	600.00	39,000
					39,000
EW - External Walls					
8	External walls	70	m2	500.00	35,000
9	External walls - curved on plan	25	m2	550.00	13,750
					48,750
NW - Internal Walls					
10	Internal walls	45	m2	300.00	13,500
					13,500
ND - Internal Doors					
11	Timber door, frame, hardware and paint	3	no	2,500.00	7,500
					7,500
WF - Wall Finishes					
12	Carpet lining to walls	90	m2	100.00	9,000
13	Paint to walls (lobby, store and equipment)	80	m2	25.00	2,000
					11,000
FF - Floor Finishes					
14	Carpet flooring	42	m2	75.00	3,150
15	Carpet flooring - tiered floor	12	m2	100.00	1,200
16	Stair nosings	4	m	150.00	600
					4,950
CF - Ceiling Finishes					
17	Plasterboard ceiling linings (painted)	60	m2	250.00	15,000
					15,000
FT - Fitments					
18	Fixed cabinetworks - equipment bench		item		5,000

Project: 24034 - Shire of Dumbleyung

Details: Concept design cost estimate

Building: New 5-D Experience

Item	Description	Quantity	Unit	Rate	Total
5D EXPERIENCE ADDITION (Continued)					
19	Signage		item		5,000
					10,000
	SE - Special Equipment				
20	5D experience fitout incl. seats (Shuqee Technology)		PS		60,000
					60,000
	HY - Hydraulic Services				
21	Stormwater drainage from roof		item		5,000
					5,000
	ME - Mechanical Services				
22	Air conditioning		item		20,000
					20,000
	EL - Electrical Services				
23	Existing building SB upgrade		item		25,000
24	Internal electrical services fitout		item		25,000
25	Special lighting / AV equipment		note		refer SE
26	Upgrade submains to building		note		excluded
					50,000
	XP - Site Preparation				
27	Site clearance, earthworks and pad prep		item		10,000
28	Retaining walls		note		excluded
					10,000
	Construction Cost (excl GST) - Perth		Total		<u>380,000</u>
5D EXPERIENCE ADDITION					380,000

Project: 24034 - Shire of Dumbleyung**Details:** Concept design cost estimate**Building:** New 5-D Experience

Item	Description	Quantity	Unit	Rate	Total
TOILET ADDITION					
PR - Preliminaries					
1	Allowance for builders preliminaries costs		item		25,000
2	FECA	12	m2		
3	UCA	10	m2		
SB - Substructure					
4	Footings to new walls	22	m	200.00	4,400
5	Framed floor with FC sheeting	12	m2	450.00	5,400
6	Framed floor - alfresco		note		refer ext works
					9,800
RF - Roof					
7	Modifications at junction of new roof and existing building/roof areas		item		2,500
8	New roof over toilets and part-alfresco (to match existing)	25	m2	500.00	12,500
					15,000
EW - External Walls					
9	Masonry external walls (painted external)	50	m2	350.00	17,500
					17,500
ED - External Doors					
10	Timber door, frame, hardware and paint	3	no	2,000.00	6,000
					6,000
NW - Internal Walls					
11	Masonry internal walls	15	m2	230.00	3,450
					3,450
WF - Wall Finishes					
12	GFCR and paint (internal)	60	m2	120.00	7,200
13	Sink splashbacks	3	no	350.00	1,050
					8,250
FF - Floor Finishes					
14	Floor tiling (incl. skirting)	16	m2	250.00	4,000
					4,000
CF - Ceiling Finishes					
15	Suspended ceiling (painted)	12	m2	200.00	2,400
16	External soffit linings		note		excluded
					2,400
FT - Fitments					
17	Toilet cabinetworks, mirrors, grab rails and dispensers		item		5,000
18	Signage		item		600
					5,600
HY - Hydraulic Services					

Project: 24034 - Shire of Dumbleyung

Details: Concept design cost estimate

Building: New 5-D Experience

Item	Description	Quantity	Unit	Rate	Total
TOILET ADDITION (Continued)					
19	Sanitary plumbing, fixtures and tapware		item		20,000
20	External services connection to toilets		item		10,000
21	Stormwater drainage from roof		item		5,000
					35,000
ME - Mechanical Services					
22	Exhaust systems		item		5,000
					5,000
EL - Electrical Services					
23	Internal electrical services fitout		item		3,000
24	External services connection to toilets (from building SB)		item		5,000
					8,000
XP - Site Preparation					
25	Site demolition, earthworks and pad prep		item		5,000
26	Retaining walls		note		excluded
					5,000
<u>Construction Cost (excl GST) - Perth</u>			Total		<u>150,000</u>
TOILET ADDITION					150,000

Project: 24034 - Shire of Dumbleyung	Details: Concept design cost estimate
Building: New 5-D Experience	

Item	Description	Quantity	Unit	Rate	Total
EXISTING BUILDING UPGRADES					
Building Upgrades					
1	Cut new opening and install new door through to 5D experience		item		5,000
2	Replace existing letterboxes with glass display		item		10,000
3	Replace alfresco access doors and wall with full width glass and double doors		item		15,000
4	Servery upgrade including new cabinetworks, vinyl flooring and feature bulkhead (incl. electrical services revisions)		item		35,000
5	New servery equipment		item		20,000
6	New doors to form bin store and timber cladding to existing fireplace surround		item		12,000
7	Replace ramp with steps		item		3,000
8	Modify existing display areas		note		excluded
9	Allowance for builders preliminaries costs		item		20,000
<u>Construction Cost (excl GST) - Perth</u>			Total		<u>120,000</u>
EXISTING BUILDING UPGRADES					120,000

Project: 24034 - Shire of Dumbleyung

Details: Concept design cost estimate

Building: New 5-D Experience

Item	Description	Quantity	Unit	Rate	Total
EXTERNAL WORKS					
PR - Preliminaries					
1	Allowance for builders preliminaries costs		item		20,000
XP - Site Preparation					
2	Site demolition and earthworks		item		15,000
3	Retaining walls		note		excluded
					15,000
XR - Roads, Footpaths & Paved Areas					
4	New brick paved areas	45	m2	200.00	9,000
5	Extra over for ramping to porch entry		item		1,200
					10,200
XD - External Decking					
6	New alfresco deck (incl. ramp area)	72	m2	550.00	39,600
7	New entry steps	1	no	1,200.00	1,200
8	Handrails/balustrade to ramps and steps	25	m	800.00	20,000
9	Tactile indicator panels (ss dots)	6	no	1,000.00	6,000
					66,800
XN - Boundary Walls, Fencing & Gates					
10	Increase height of boundary fence		item		3,000
11	Security fencing and gates		item		10,000
					13,000
XL - Landscaping & Improvements					
12	Soft landscaping (native) and irrigation		item		5,000
					5,000
TOTAL CONSTRUCTION COST (excl GST)				Total	130,000
EXTERNAL WORKS					130,000

QUOTAITON

To:
 Australia
 Sphere Architects
 Jero Young

Quotation code: SQU-01182-P0H4B
 Revise: 0
 Salesperson: Alina Liu

Total Amount: \$34,055.00
 Effective Start Time: 2024/2/29
 Effective Deadline: 2024/3/31
 Delivery Method: Ocean Shipping
 Term of Payment: TT 40%+60%
 Freight Terms: EXW

6D experience building

S/N	ITEM	DETAILS	Qty	UNIT PRICE	TOTAL
1.	Polarized Lenses	SQ-IC01 Size: 15cm x 15cm Polarization rate:99.9%.	1 pair	\$165.00	\$165.00
2.	Projector	PANASONIC 460c Lumen: 5000 Standard definition: 1920*1200 Projection technology: 3LCD ContraSt: 16000:1 Weight: 4.8kg PoWer: 410W Size: 389×125×332mm	2 set	\$3,980.00	\$7,960.00
3.	3D GLASSES	SQ-PG03 Line polarized 3D glasses, For Adults, black	30 Pc	\$1.50	\$45.00
4.	Metal Screen	SQ-IF02 Metal flat screen with screen frame. Screen material: PVC substrate with metal coating Frame material: Iron, anti-rust paint on surface	8 sq.m	\$140.00	\$1,120.00
5.	4DM Motion Seats	SQ-Q043E-21 "Electric System 3DOF Capacity: 4 people; Effects: Vibration, Leg sweep, Spray air, Push back; Up-Down moving: 0-150mm; Left-Right moving: ±8°; Front and back: ±20°; Vibration: Variable Frequency; Seat size: 2300*950*1350mm."	2 set	\$5,840.00	\$11,680.00
6.	Rain Machine	SQ-SR01 "Voltage: AC220V-240V,50/60HZ; Power: 50W; Control Way: Automatic; Spatial Coverage: 10m³"	1 set	\$142.00	\$142.00
7.	Bubble Machine	HS-B01 Voltage: 200W; Bubble Cover: 20m³; Voltage: AC220V-240V,50/60HZ; Size: 415×250×415mm; Weight: 12KG	1 set	\$156.00	\$156.00

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6D experience building

S/N	ITEM	DETAILS	Qty	UNIT PRICE	TOTAL
8.	Stroble Lamp	LED-002 Light source: 8 imported 25W high brightness lamp beads; Color: white light; Voltage: 110-240V 50/60HZ; Power: 250W; Function modes: voice control, self-propelled, master-slave, DMX512; Product size: 31x9x14.cm (LxWxH); Net weight: 1.8KG;	1 set	\$168.00	\$168.00
9.	Smoke Machine	HS-F09 Voltage: AC220V-240V; 50/60HZ; Power: 1200W; Size: 510×260×215mm; Weight: 6.8kg; Smoke Cover: 20000cu.ff/min	1 set	\$126.00	\$126.00
10.	Fan Machine	FZY400-4 Voltage: AC220V-240V; 50/60HZ; Power: 200W; Control Way: Automatic; Spatial Coverage: 8m ³	2 set	\$140.00	\$280.00
11.	Filter 015Q	Filter 015Q Filter	1 set	\$55.00	\$55.00
12.	Water Tank	SQSW01 "Hold water, Keep clean. Volume: 0.01 m ³ ;"	1 set	\$210.00	\$210.00
13.	Equipment Cabinet 18U	SQ-SC02 "Vertical cabinet; Specifications: 18U; Size(mm): 600x600x1200."	1 set	\$210.00	\$210.00
14.	Air Compressor 0.75KW	SQDA750 Rated voltage: 220 V Rated power: 50 Hz Rated power: 750W Working pressure: 7 bar Speed: 1400rpm Capacity: 24L Exhaust volume: ≥ 45L / min Net weight: 17.7kg	1 set	\$280.00	\$280.00

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6D experience building

S/N	ITEM	DETAILS	Qty	UNIT PRICE	TOTAL
15.	Audio System	SV-50m²	1 set	\$5,358.00	\$5,358.00
16.	6-Channel Decoder	DP700 • Color monitoring display • Support TMS function • Independent 27-segment equalization/2-segment parameter equalization/high-low cut processing per channel • Independent channel sound effect adjustment	1 Pc	/	/
17.	Main speaker	M200T Power: 250W/8 Ω+60W/8 Ω MAX: 400W/8Ω+100W/8Ω	3 Pc	/	/
18.	Surround Speaker	MS1062 Power: 80W/8Ω +20W/8Ω MAX: 120W/8Ω +30W/8Ω	4 Pc	/	/
19.	Subwoofer Speaker	M151E Power: 500W/8Ω MAX: 1000W/8Ω	1 Pc	/	/
20.	Amplifier	A6160 (120Wx5+600W)/8Ω; (180Wx5+900W)/4Ω	1 Pc	/	/
21.	Power Sequencer	SP8-N 8-channels Network control	1 Pc	/	/
22.	Installation	SQ-INS002 One technician will be on-site for installation for 7 days, and the customer needs to send two workers to assist.	1 set	\$6,100.00	\$6,100.00

Description	Subtotal:	\$34,055.00
1.Payment terms:T/T, 40% before production and 60% balance	Delivery:	\$0.00

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Revise: 0

Salesperson: Alina Liu

Total Amount: \$34,055.00

Effective Start Time: 2024/2/29

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Delivery Method: Ocean Shipping

Term of Payment: TT 40%+60%

Freight Terms: EXW

6D experience building

S/N	ITEM	DETAILS	Qty	UNIT PRICE	TOTAL
		before delivery.		Total:	\$34,055.00
		2.Time Of Delivery: 30 days after got deposit payment.			
		3.Trading: EXW The price are quoted based on EXW, excluding delivery fee and tax.			
		4.Warranty: Control system is free lifetime and be updated; 2 years for luxury chair ,1year other equipment,no warranty of consumables,from delivery date.(All system and equipment problems are our responsibility , movies and other problems are not our responsibility).			
		5.Package: All the equipments are packed by wood frame ready for transportation.			
		6.Installation: The whole system can be installed according to Installation Instruction Manual; Or Supplier send engineer to help and instruct installation, The engineer Buyer should pay for VISA, round-trip flight ticket, board and lodging.			



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