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Town Planning Design Report

National Vietnam Veterans Museum

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We acknowledge the Bunurong/Boonwurrung People of the Kulin nation as the traditional custodians of the land on which this project is located. We pay our respects to Ancestors and Elders, past, present, and emerging.

Architectus is committed to honouring Australian Aboriginal and Torres Strait Islander Peoples' unique cultural and spiritual relationships to the land, waters and seas and their rich contribution to society.

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Project Overview

Introduction

This report contains the Town Planning proposal for the new National Vietnam Veterans Museum facility at 24 Churchill Road, Newhaven.

It incorporates design and coordination from a wider sub-consultant team including Tract, TTW, HipeVhype, ADP.

The design is the development of the preferred museum option and revised to encapsulate the feedback from the Office of Victorian Government Architect workshop and presentation (3rd October and 18th October 2023.)

The project creates a purpose designed built museum for the National Vietnam Veterans Museum to replace the existing facility which is not fit for purpose and putting the collection at risk. The collection of over 40,000 objects of various scales including uniforms, medals, armoury, aircraft and tanks.

The project has been designed to support the Museum and the community by providing a number of amenities including a large new publicly accessible open space, a food and dining offer, and a function space. There is also a conservations workshop which operates through programs to help to support returned soldiers and veterans to remain connected and supported. This project will also provide opportunity for educations training with University and TAFE placements. These associated visitor spaces provide a broad public offer for families and visitors and create a destination and permanent home for the Veterans museum.

This document should be read in conjunction with the Tract planning report.

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1.2 Development Summary

Project Scope

The new building is to contain exhibition, support and visitor spaces to support both the conservation and public exhibition efforts of the Museum. The project is to provide both internal and external spaces that allow for activities that directly and indirectly interact with the museum and its facilities.

Design and Budget

The engagement of a Quantity Surveyors services has allowed the project team to test the Schematic Design against the Project budget.

Budget and Programme

The construction of the project will be funded by revenue raised through private donations and potential government funding.

Main Building

- Exhibition Areas
- Visitor Services
- External Areas (Refer Tract Landscape)
- Associated Plant

Support Areas

- Support Services
- External Areas

The following Area schedule is a Development Summary of the project areas and Building allocation;

NVVM Development Summary Rev 01. 17.02.2021

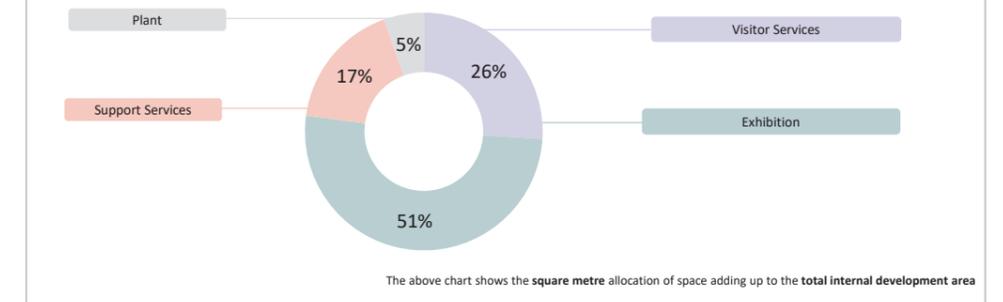
NVVM - Development Summary

EXHIBITION				
	SIZE (SQM)	QTY	MAIN	SUPPORT
Central Theme Area	2000	1	2,000	0
Supporting Theme Area (Small items only)	150	1	150	0
Indoor Memorial Space (Included within permanent exhibition)	0	1	0	0
SUB TOTAL EXHIBITION SPACE	2,150	0		
VISITOR SERVICES				
	SIZE (SQM)	QTY	MAIN	SUPPORT
Visitor Services spaces include a circulation allowance				
Entry Foyer	131	1	131	0
Reception/Ticketing (Included in foyer)	0	1	0	0
Retail Shop including store	104	1	104	0
Café Seating area (60p)	153	1	153	0
Café BOH (Kitchen, Storage, Servery, Finishing Kitchen)	92	1	92	0
Lift Lobby - Ground Floor	22	1	22	0
Lift Lobby - First Floor	67	1	67	0
L1 Deck Storage	48	1	48	0
Function / Auditorium / Classroom / Staff Training/ Meeting Space (150p)	270	1	270	0
BOH Storage/Deliveries	55	1	55	0
Amenities	90	1	90	0
First Aid Room (Included in Amenities)	0	1	0	0
Parents Room (Included in Amenities)	0	1	0	0
Visitor Toilets (Included in Amenities)	0	1	0	0
Bins (Included in BOH Storage/Deliveries)	0	1	0	0
Circulation	63	1	63	0
SUB TOTAL VISITOR SERVICES	1,095	0		
SUPPORT				
	SIZE (SQM)	QTY	MAIN	SUPPORT
Support Services spaces include a circulation allowance				
Office Space	69	1	0	69
Desks (6 qty - Permanent staff and hot desks for volunteers)				
Print/Copy				
Storage (Files, stationary, Personal items)				
Kitchenette (Included in Office)	0	1	0	0
Archive Storage (incl compactus - size tbd)	61	1	0	61
Item Cataloguing (Included in Archive Storage)	0	1	0	0
Library/Research Room (3p plus storage and desks)	41	1	0	41
Restoration and Conservation Space (Assumes Wessex rotor closed)	510	1	0	510
Loading Bay (Included in Conservation space)	0	1	0	0
Staff Amenities (Change rooms, lockers, toilets, showers)	37	1	0	37
Circulation	13	1	0	13
SUB TOTAL SUPPORT SERVICES	0	731		
BUILDING SERVICES				
	SIZE (SQM)	QTY	MAIN	SUPPORT
Plant (Internal)	140	1	140	0
Plant (External)	90	1	0	90
SUB TOTAL BUILDING SERVICES	140	90		
	NLA (SQM)		3,385	821
	TOTAL NLA (SQM)			4,206

EXTERNAL				
	SIZE (SQM)	QTY	MAIN	SUPPORT
Car Parking - Main	3552	1	3552	0
Overflow Parking (Grass)	1215	1	1215	0
Outdoor Commemoration Garden - Refer to Tract Schedule*		1	-	-
Northern Garden - Refer to Tract Schedule*		1	-	-
Outdoor Event Space - Refer to Tract Schedule*		1	-	-
Public Entry Forecourt - Refer to Tract Schedule*		1	-	-
Outdoor Café Seating - Refer to Tract Schedule*		1	-	-
Special Purpose Outdoor Garden Spaces - Refer to Tract Schedule **		1	-	-
TOTAL EXTERNAL AREA (SQM)	4,767	0		

	MAIN	SUPPORT
DEVELOPMENT AREA (SQM)	8152	821
TOTAL DEVELOPMENT AREA (SQM)		8,973

SPACE ALLOCATION - INTERNAL



Notes:

Areas above are taken from Architectus Town Planning Drawings [TP1]

* Refer to Tract Landscape documentation

** Refer to Tract Schedule for additional special purpose outdoor areas unless listed in this area schedule above

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national vietnam veterans



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A 'War Era' Museum

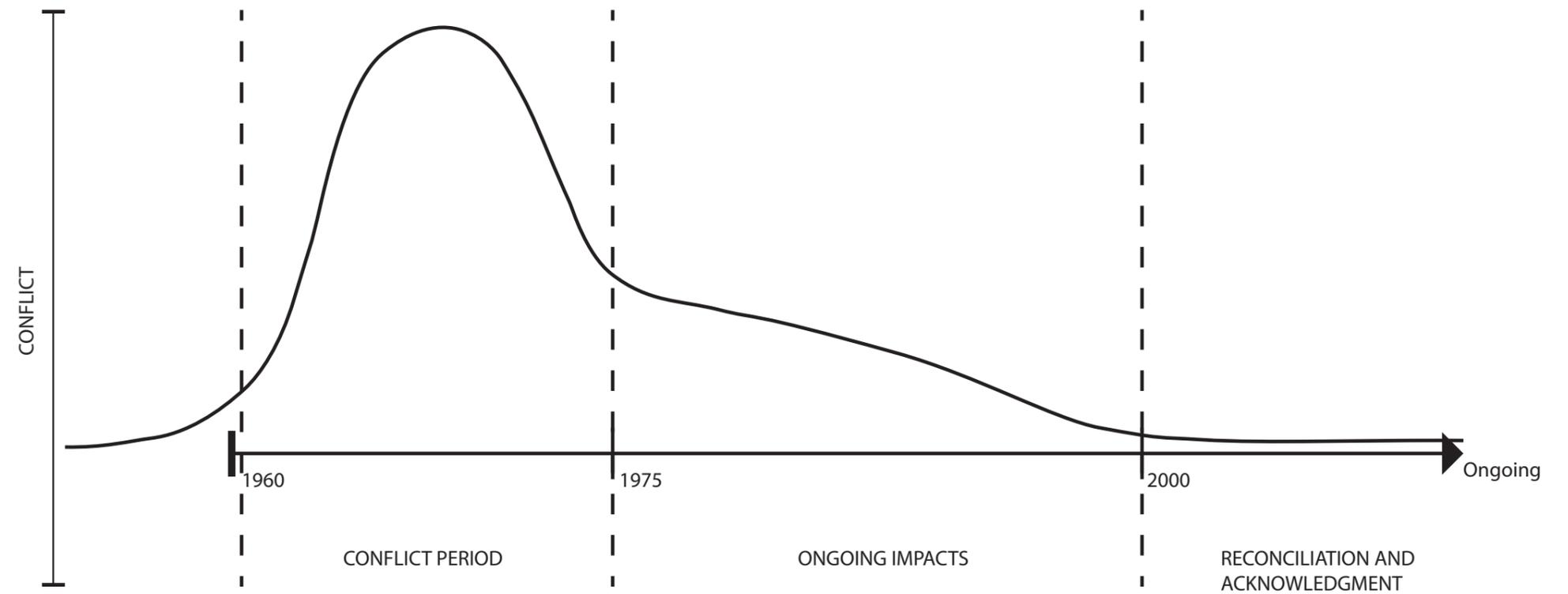
Setting the scene for the Museums historic collection
within today's context

Time-line

When designing for the museum aspirations, it is important to consider the subject matter of the collection, the Vietnam War, and contextualise it from the initial conflict, through to its ongoing, contemporary place within society.

Coming to a place of 'Rest'

It is important to note specifically the recent transition toward recognition, and reconciliation. The past tensions have left a legacy that, through time and ongoing relationships, are healing, signifying the tumultuous nature of the conflict period and proceeding impacts have passed.

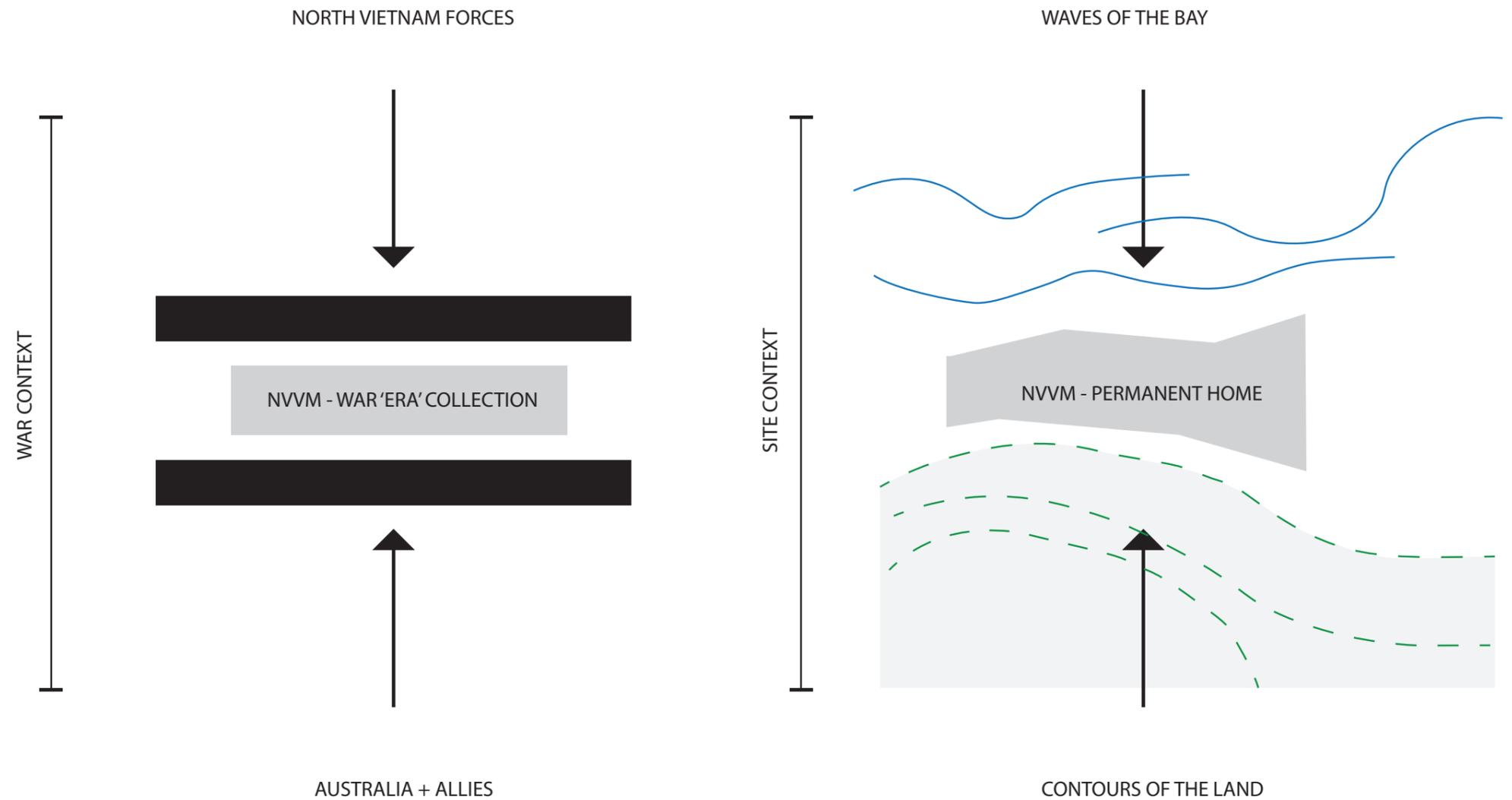


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Opposing Forces

The Museums collection can be viewed as a collection of stories, inclusive of the opposition forces during the war. A 'War Era' Museum, an unbiased representation of the Vietnam War.

The theme of 'Opposing' forces can be transposed onto our site, where the museums new home has to find it's place between a number of different site conditions, and other influencing factors.



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Site Appreciation

Understanding and assessing the context of your surroundings.

- (Image) Long Tan Battlefield 18th August 1966

3.1 Phillip Island Context

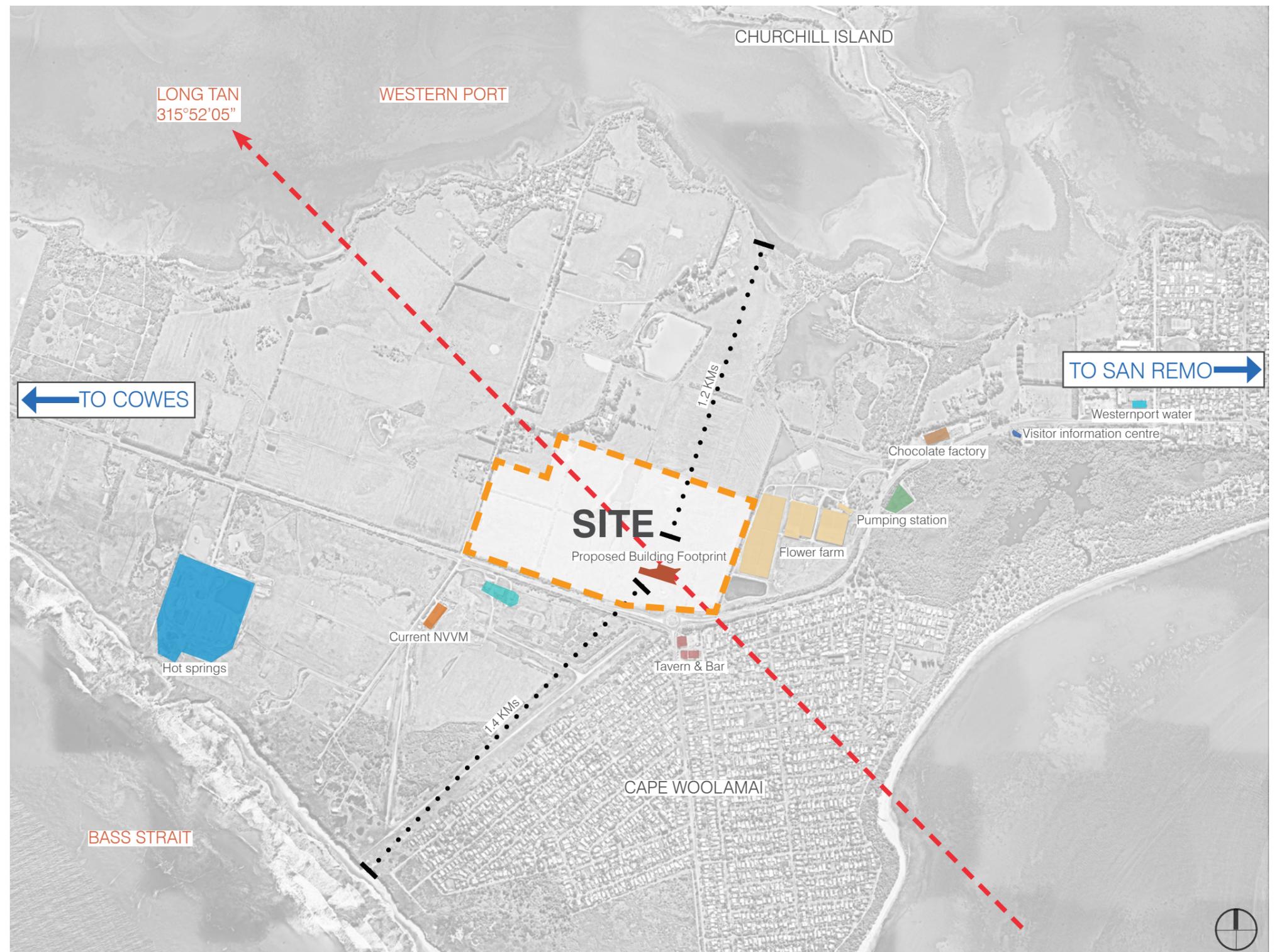
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Site Location

Located on Phillip Island, approximately 2 hours drive from Melbourne, the New NVVM site is a 41 hectare block located along Phillip Island Road. The site is accessed from the newly constructed roundabout at the Phillip Island Road and Woolamai Beach Road Intersection. The site currently consists of 3 Paddocks. There are existing water stands featured on the site, natural scrub and planting, and a sensitive habitat zone located to the North. Site drainage currently works from the West toward the Northeast, and an existing high point 'mound' is located to the East of the Roundabout area.

Surrounding Area

San Remo is to the East, and Cowes located to the West of our site. Existing tourism route is along Phillip Island road and so opportunities capitalise on those visitors should be highlighted.



Aerial View of Site

3.1 Phillip Island Context

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Site Features

The main site access can come from the newly constructed roundabout at the Phillip Island Road and Woolamai Beach Road Intersection.

Landscape Features

The Site currently consists of 3 Paddocks, previously used for farming. There are existing dams featured on the site, natural scrub and planting, and a sensitive habitat zone located to the North. Site drainage currently works from the West toward the North East, and an existing high point 'Mound' is located to the East of the Roundabout area

Proposed Building Zone

Phillip Island Road

Locating the building toward the East of the site, within proximity to the roundabout, affords effective access to the Museum.

Significant noise from Phillip island road, along with early council advice requiring the building to have as minimal visual impact as possible from the road, would indicate a setback of at least 100M from the boundary could be required to mitigate risk in these areas.

Site

The Native vegetation overview assessment conducted by Nature Advisory identifies wetland areas, vegetation areas, and sensitive habitat areas on our site.

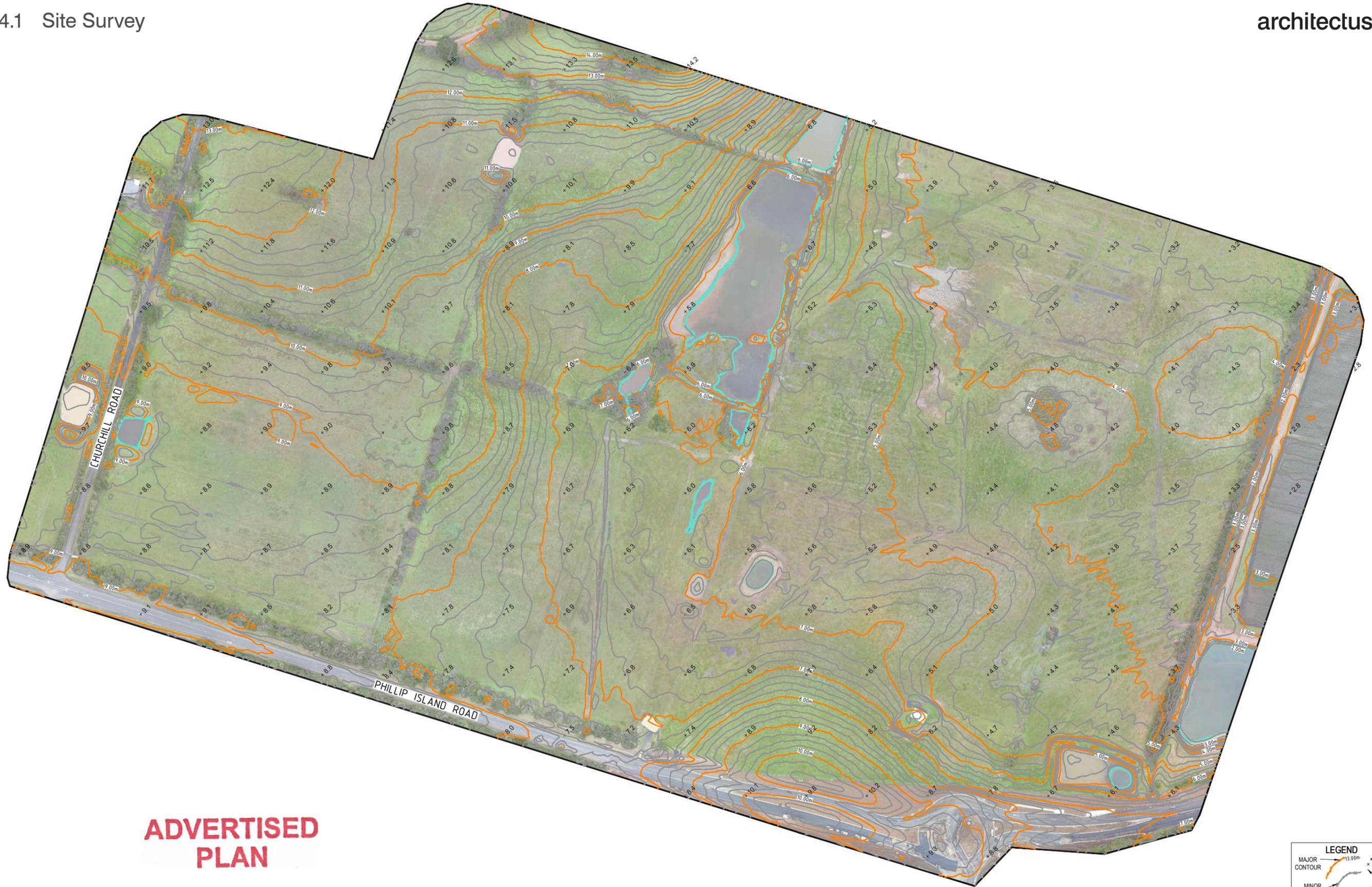
Recommendations have included setting the building and site works away from the sensitive habitat zone by approximately 20M. Given the large area of the site, we have an opportunity to be generous with setbacks.

The site extends significantly to the West, allowing for future museum expansion in that direction.



4 Site Survey

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LEGEND

MAJOR CONTOUR

MINOR CONTOUR

SPOT LEVEL

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19

LEGEND

AREA OF INTEREST

BODY OF WATER

MAJOR CONTOUR INTERVAL: 1m

MINOR CONTOUR INTERVAL: 0.25m

LEVELS ARE TO AHD (AUSTRALIAN HEIGHT DATUM) vda PM165

CO-ORDINATES ARE TO MGA (MAP GRID OF AUSTRALIA)

NOTES:
As UAV data is image-based, the bare earth surface under vegetation and objects can only be assumed based on surrounding topography. Also, any long grass/cropping will affect the accuracy of the DTM surface. There exists standing water within the area of interest which can affect results as the surface below the water cannot be accurately verified. These areas are shown as described and contours shown within are approximate. This note is an integral part of the plan.

NOTES:
Contours shown hereon were created using a DTM surface. 50m grid of spot heights shown on plan for clarity, please see digital data for 25m grid spot heights.

CONTOUR PLAN

24 CHURCHILL ROAD

NEWHAVEN

0 15 30 45 60 75

LENGTHS ARE IN METRES

SCALE 1:1500

MGA 94 ZONE 55

JOB NUMBER: 2200712	DATE OF IMAGERY: 22/07/2020	FIELD PARTY: MS
ACCURACY: +/- 0.2m	PLAN DATE: 28/07/2020	REVISION: -
DRAWN BY: PJT		SHEET: SHEET 1 OF 1
SIZE: A1		

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Building Response

A site responsive design that intertwines the natural topography of the land with the manufactured architecture and landscape

- *(Image) Camouflage netting in a field*

5.1 Understanding Scale

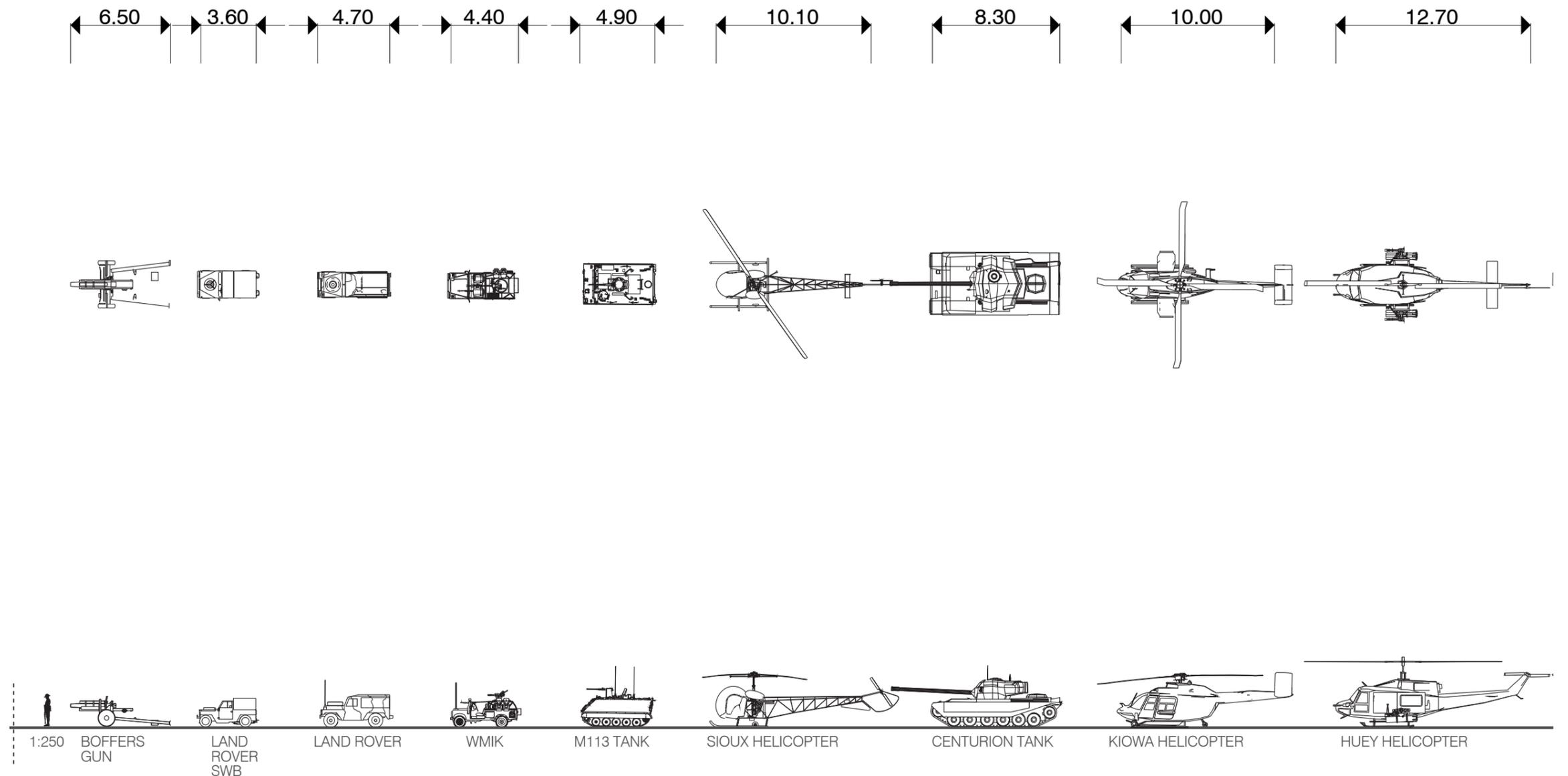
Museum Collection

Understanding the breadth of scales within the Museums collection, from small personal items, to Large aircraft.

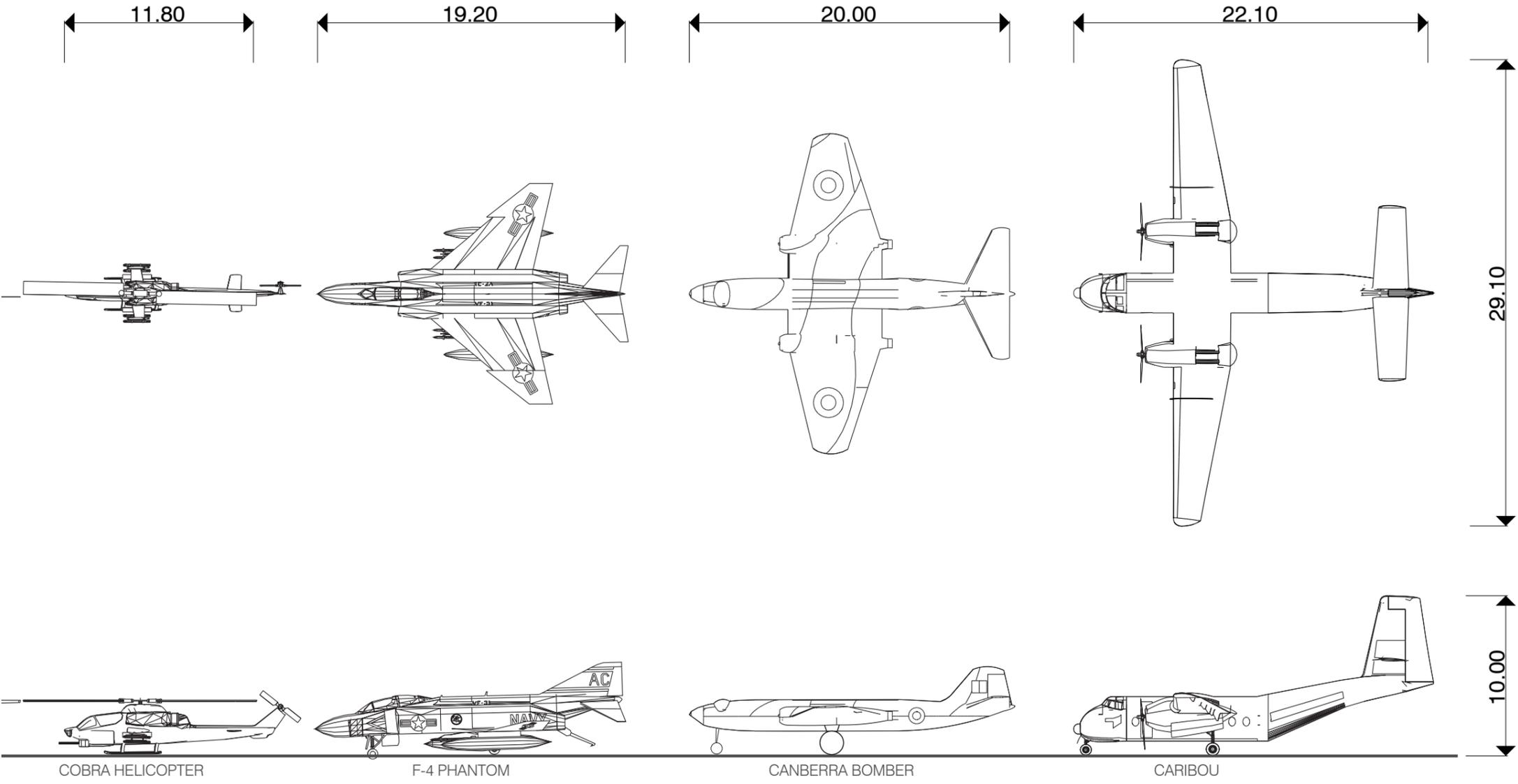
The exhibition design will detail the story of these objects, and how visitors will interact with them, the Architecture needs to respond to the size of these objects.

As a large object display museum, the exhibition space will need to be sized accordingly.

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5.2 Embedding in the Landscape

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Precedent Studies

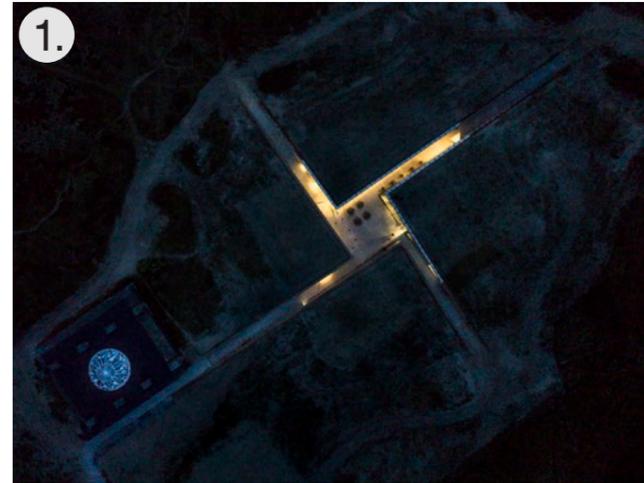
Examples of Architecture being integrated within the landscape

1. BIG - Tirpitz Bunker Museum

The Ground Plane is used to almost completely conceal the built form underneath a natural terrain.

Deep incisions are made in the landscape which creates a feeling of 'Arrival' or 'Passage'.

Protected External spaces interact closely with the Building envelope.



2. Studio Marco Vermeulen - Biesbosch Museum Island

The Ground Plane is used to almost completely conceal the built form underneath a natural terrain.

Site Sections show the Earth rising from natural ground level to meet the walls of the building in a 'Mound' formation.

Integration of water and external landscape elements create a 'pathing' or 'directional' response, leading from the site toward the building.

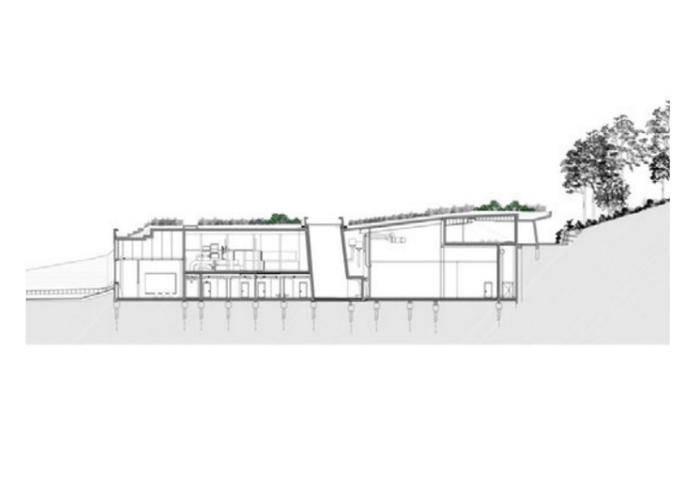


3. Snohetta - International Centre for Cave Art

The creation of a 'manufactured topography' connects the building within the existing landscape.

Sheltered external spaces are created through roof overhangs and building form.

Patterned landscape integrates the building with the surrounding site area.



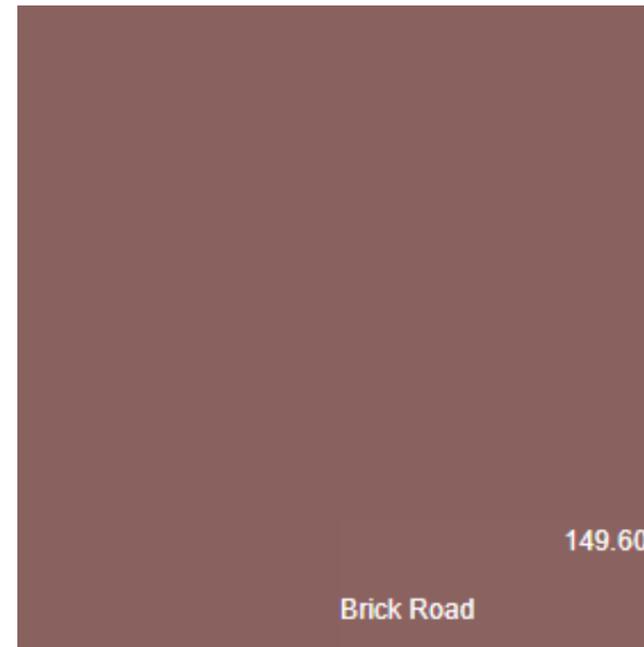
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- Dynamic form
- Reduced Material Palette
 - Using Light, Shadow, and Form to create shifting tones



- External Precast Walls
- Boardmarked Finish (Formliner)
 - Impregnating Stain



- External Steel Work
- Paint Finish (Wattyl - Brick Road)
- External Soffits
- Equitone Fibre Cement
 - Through Coloured Panel (Wattyl - Brick Road)



- External Glazing
- Clear Glazing
 - Powdercoated Aluminium Frame (Wattyl - Brick Road)

5.4 Massing diagrams

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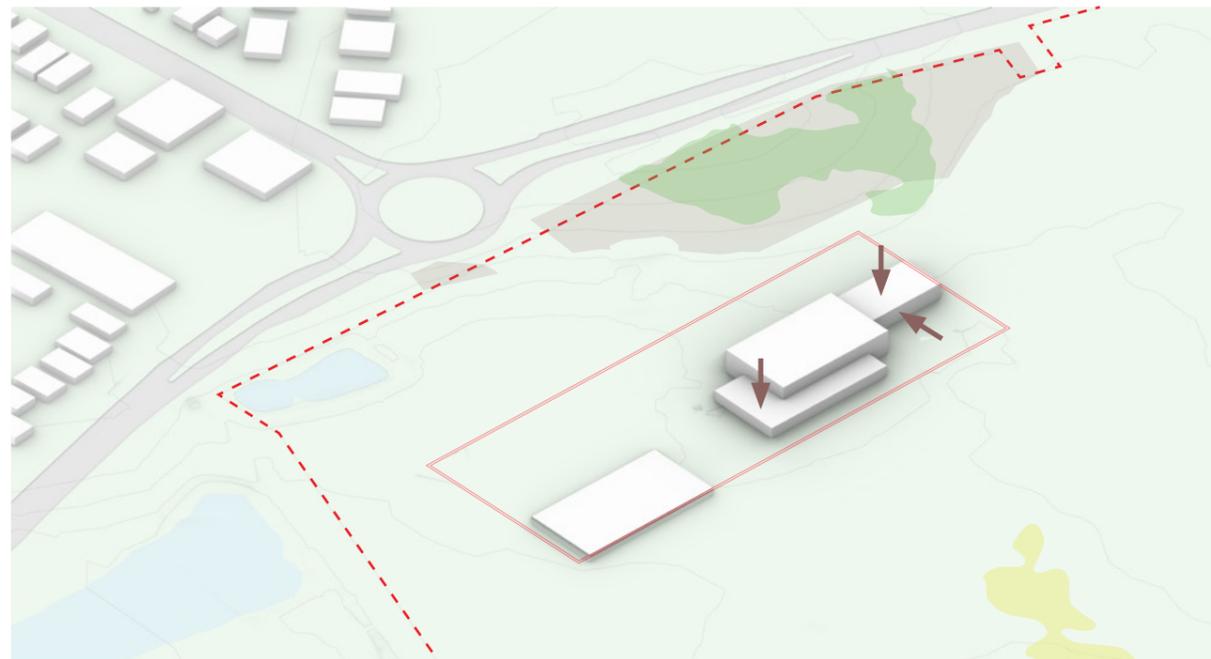
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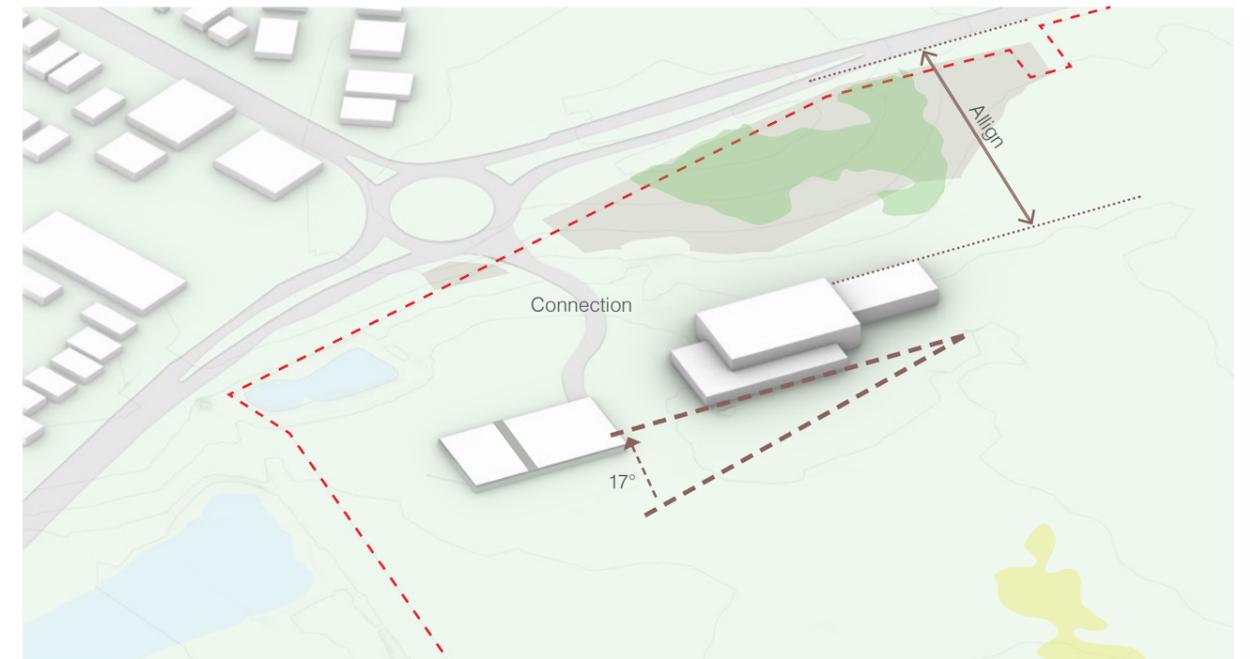
01 Building zone offset approx 80m from boundary. Situated to safely avoid CHMP protected area.



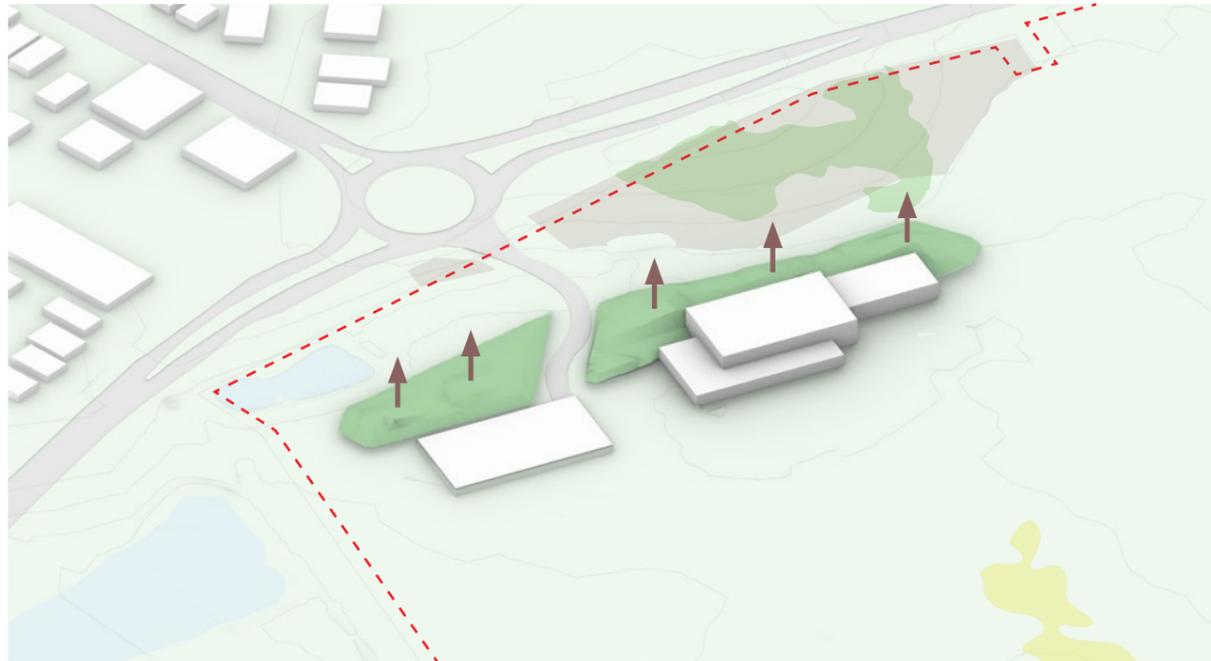
02 Initial massing with division to differentiate the museum from conservation spaces.



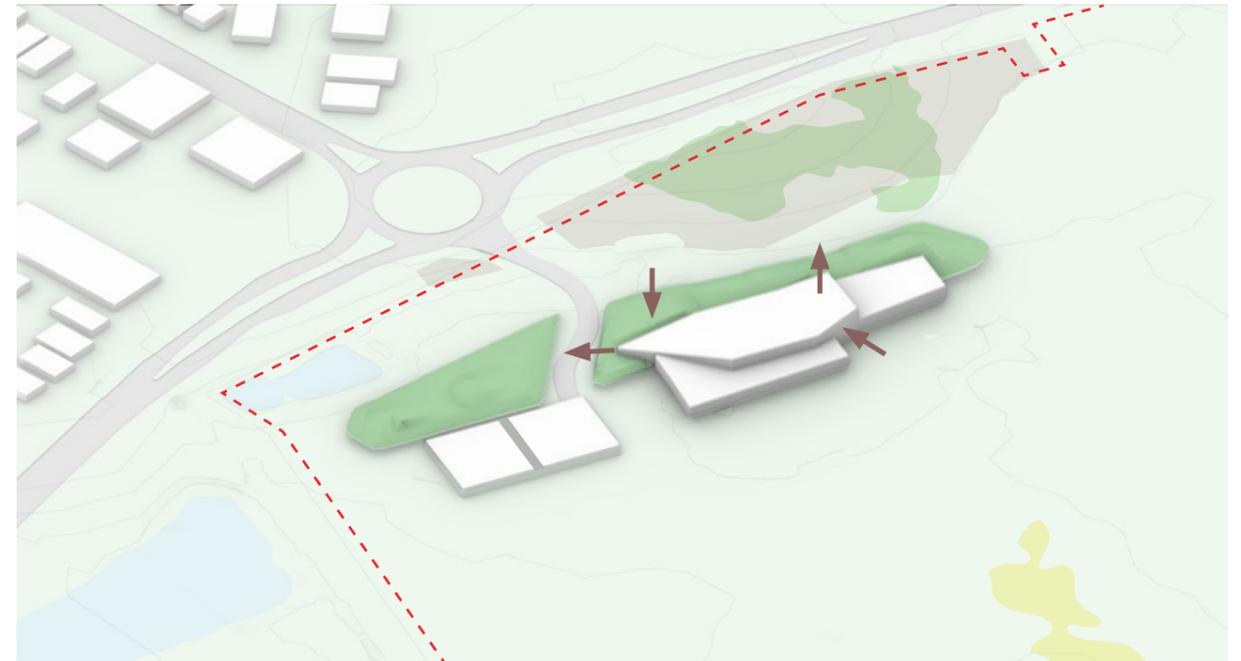
03 Reduction of building mass to locate height only where it is required in the museum, allowing the visitor services and conservation roof to lower.



04 Rotation of building mass to better flow with the natural topography, while aligning datums to Phillip Island road. New road connection introduced.



05 Landscape mounds emerged to embed building mass within the flow of greenery. Creating a subtle building mass prompting curiosity.



06 A site responsive and sculpted roof form that dialogues to the mound form.

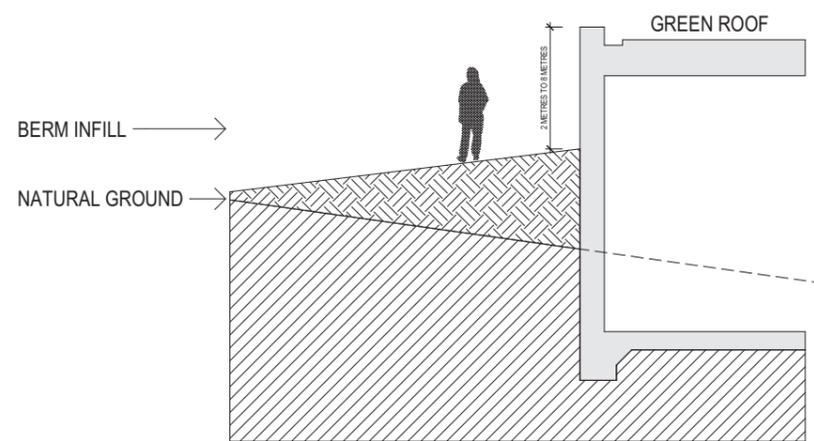


07 Integration of a green roof on top of the museum volume, camouflages and reducing the visible mass of the building on the site.



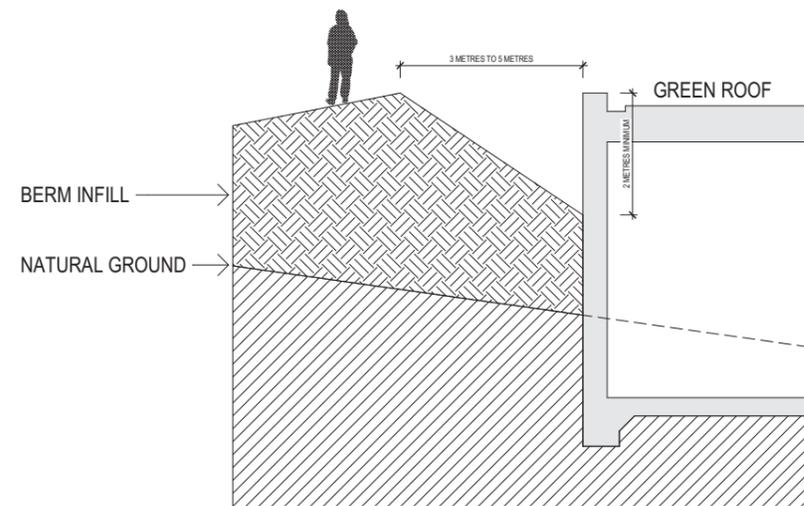
08 Stepped volumes provide a sheltered vantage point from which to view wetlands and northern landscaping.

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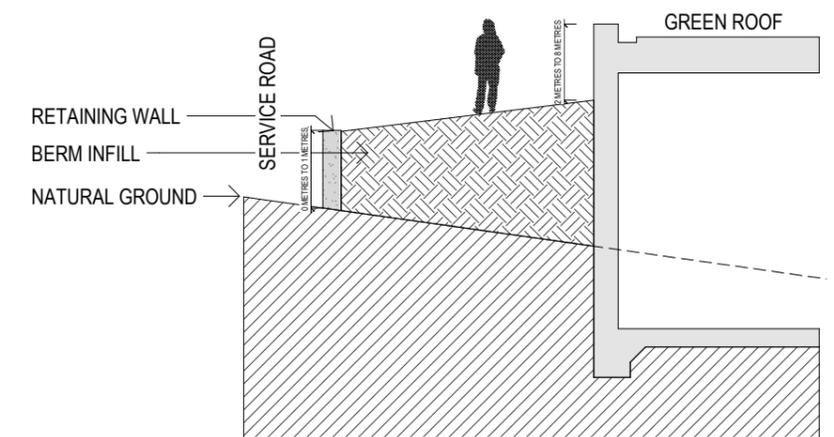
Non-Climbable

- Reduced fill volume
- Exposed building edge from street



Non-Climbable + Wall Hidden

- Visually seamless transition from street
- Prevents roof access from mound



Non-Climbable + Retaining Wall

- Reduced horizontal extent of mound
- Clearance from CHMP zone for service road
- Terraced constructed and natural edge

- Sectional studies show the relationship between the landscape mounds and the building form and roof.
- The building nestles into the landscape.
- Design considers reducing the climbing risk for safety.
- The angular form allows visual continuity from the mounds to the roof while maintaining physical separation

6 Drawings

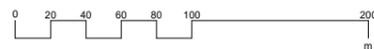
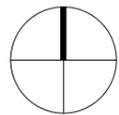
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National Vietnam
Veterans Museum

Drawing: **Existing Conditions Plan**
 Drawing no: **A0010**
 Issue: **TP2**
 Scale @ A1: **1 : 2000**
 Date: **30/11/2023**



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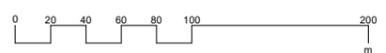
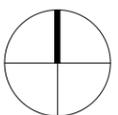
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National Vietnam Veterans Museum

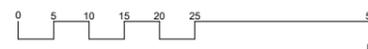
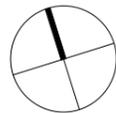
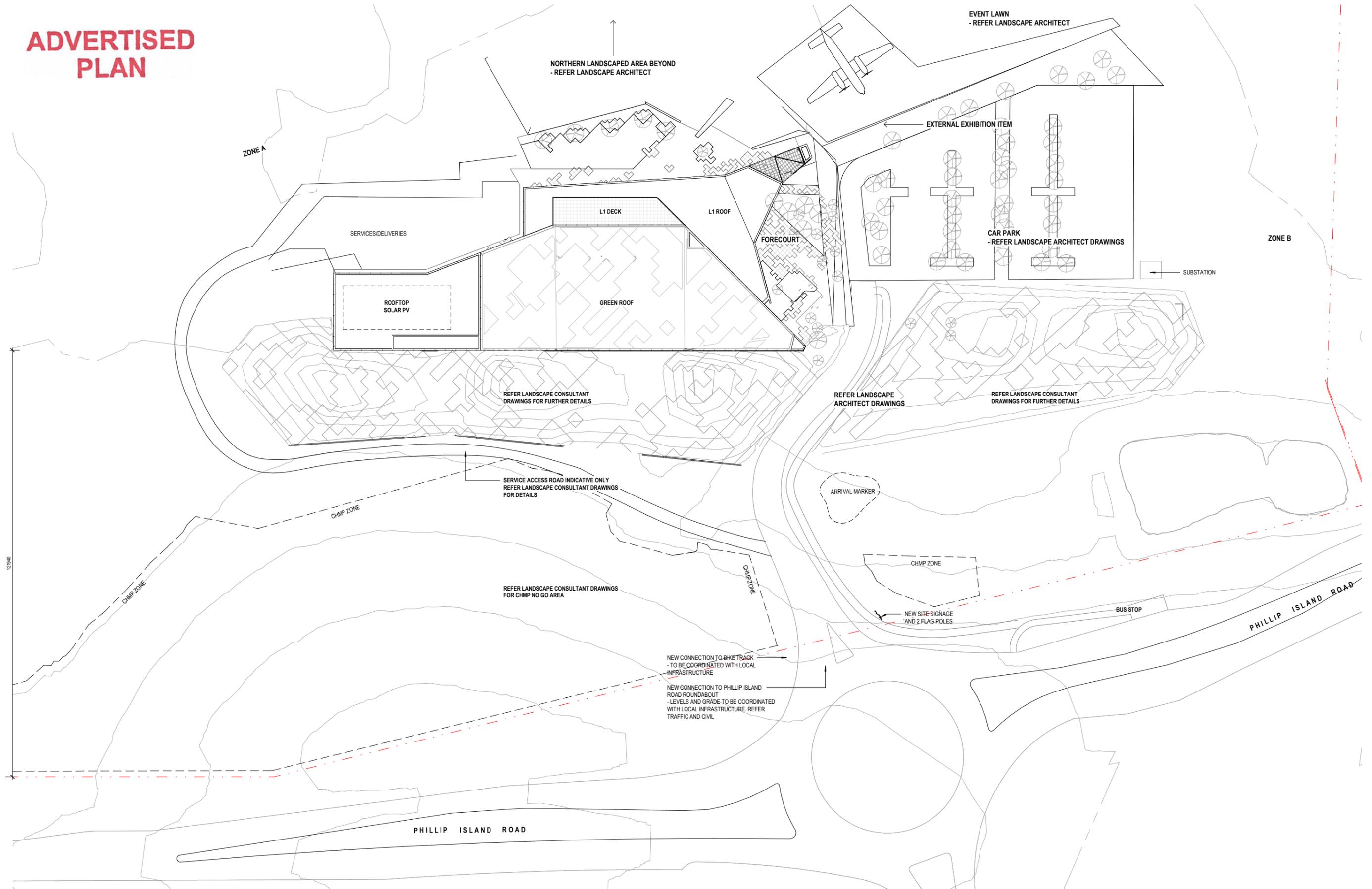
Drawing: **Site Context Plan**
 Drawing no: **A0020**
 Issue: **TP5**
 Scale @ A1: **1 : 2000**
 Date: **30/11/2023**

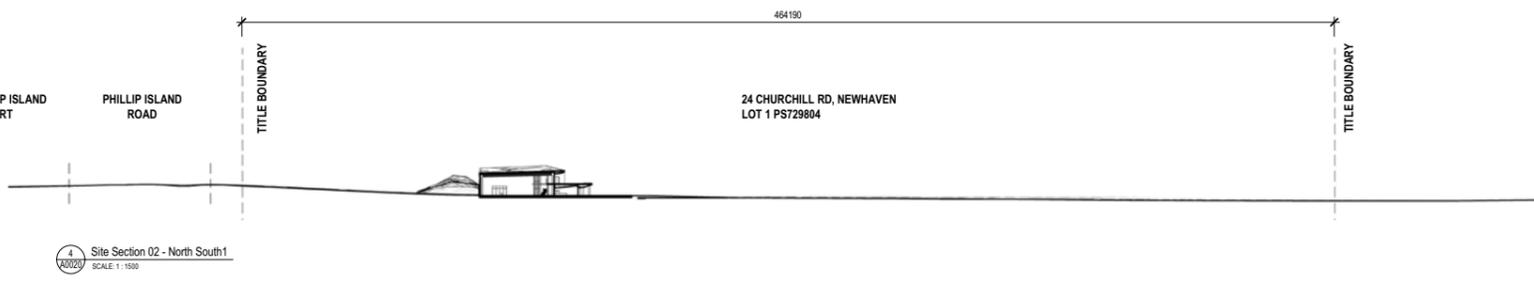
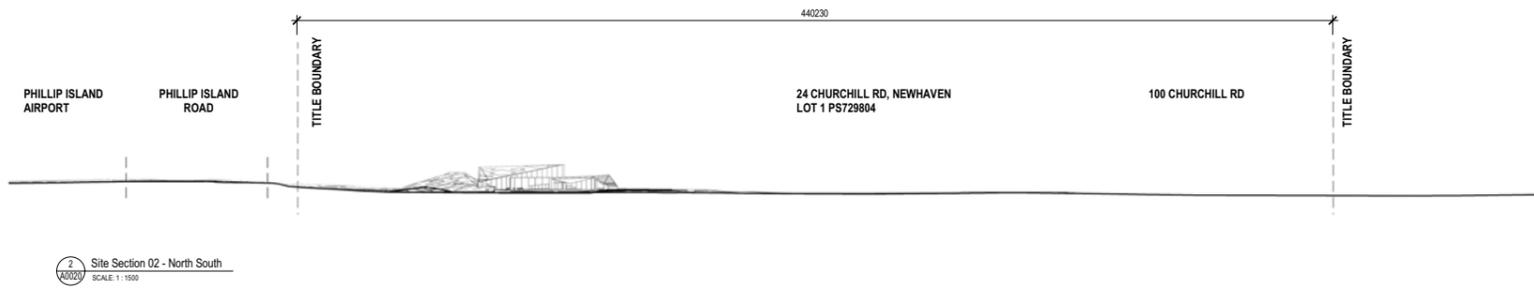
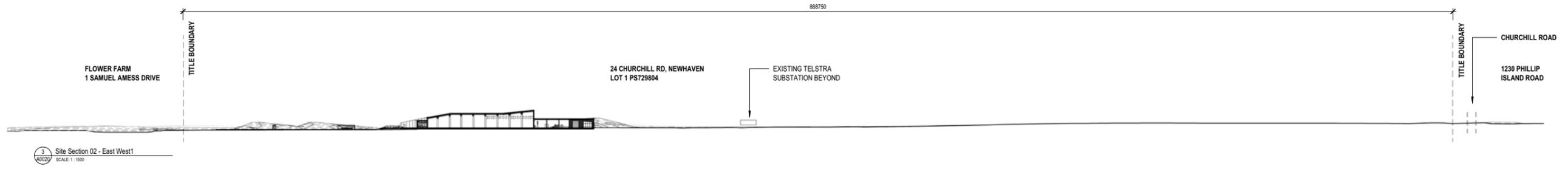
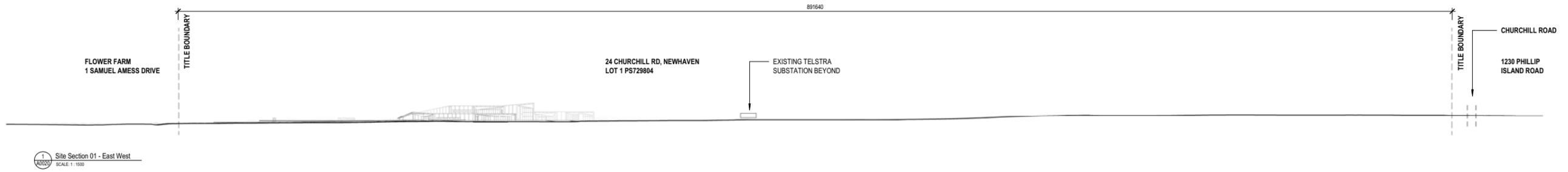


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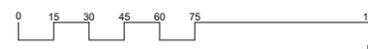
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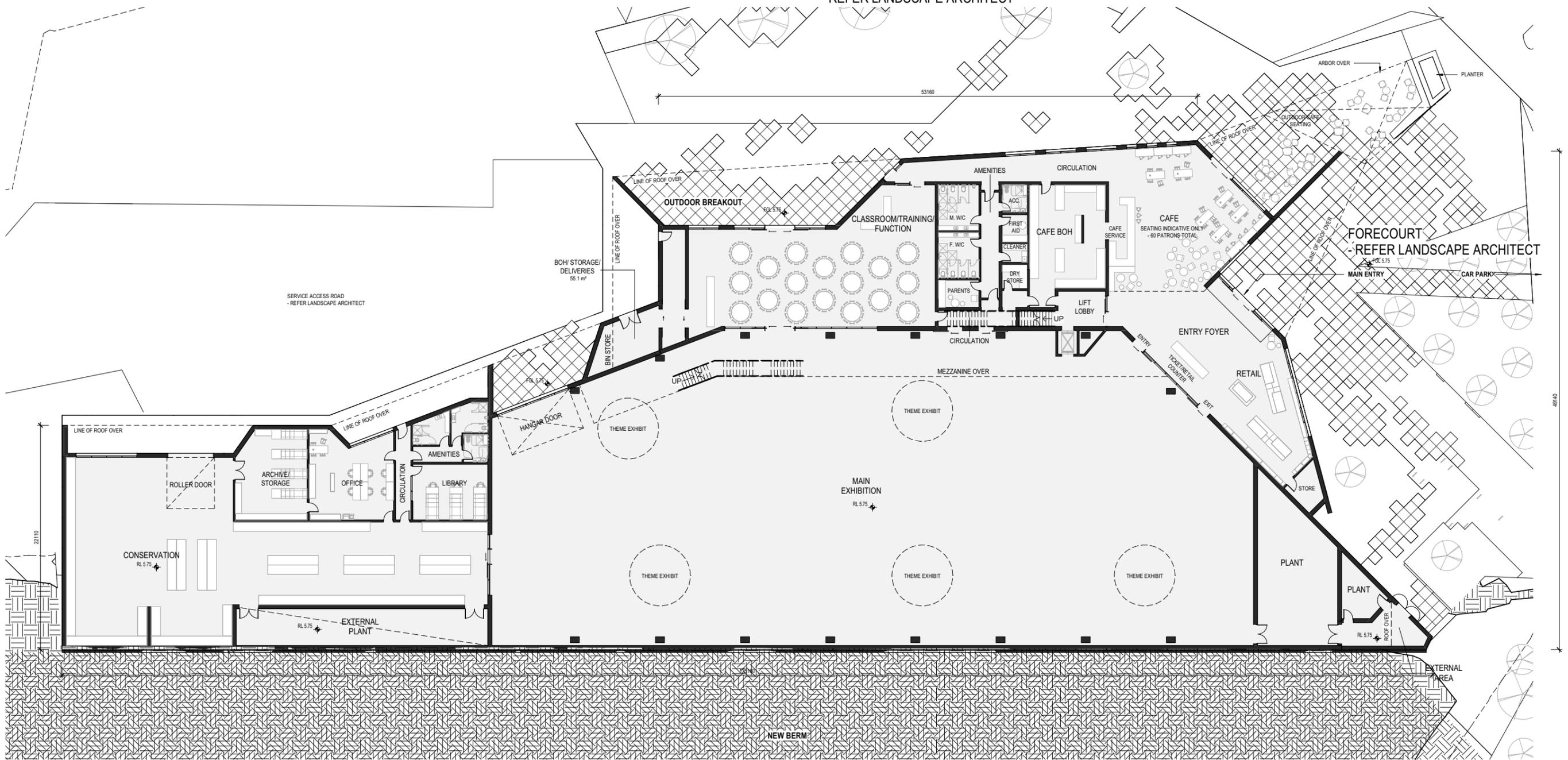
Mound Type Sections

CODE	DESCRIPTION
CD01	Fibre Cement Cladding
GT01	Facade Glazing, Glazed Hangar Door
PD01	Powdercoated Arbor Panels, Glazing Mullions
PR01	External Precast Concrete Walls - Type A
PR02	External Precast Concrete Walls - Type B
PT01	Paint Finish to Steelwork
PT02	Paint Finish to Steelwork
PV01	External Paving - Refer Landscape Architects Documentation
WP01	Green Roof
WP02	Rock Ballast over Geotextile fabric and drainage cell

REFER TOWN PLANNING REPORT FOR FINISHES BOARD AND FURTHER INFORMATION

NORTHERN LANDSCAPE/COMMEMORATIVE GARDEN
- REFER LANDSCAPE ARCHITECT

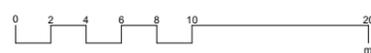
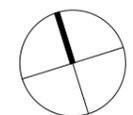
FORECOURT
- REFER LANDSCAPE ARCHITECT



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National Vietnam
Veterans Museum

Drawing: **GA Plan - Ground Floor**
 Drawing no: **A1000**
 Issue: **TP3**
 Scale @ A1: **1 : 200**
 Date: **30/11/2023**

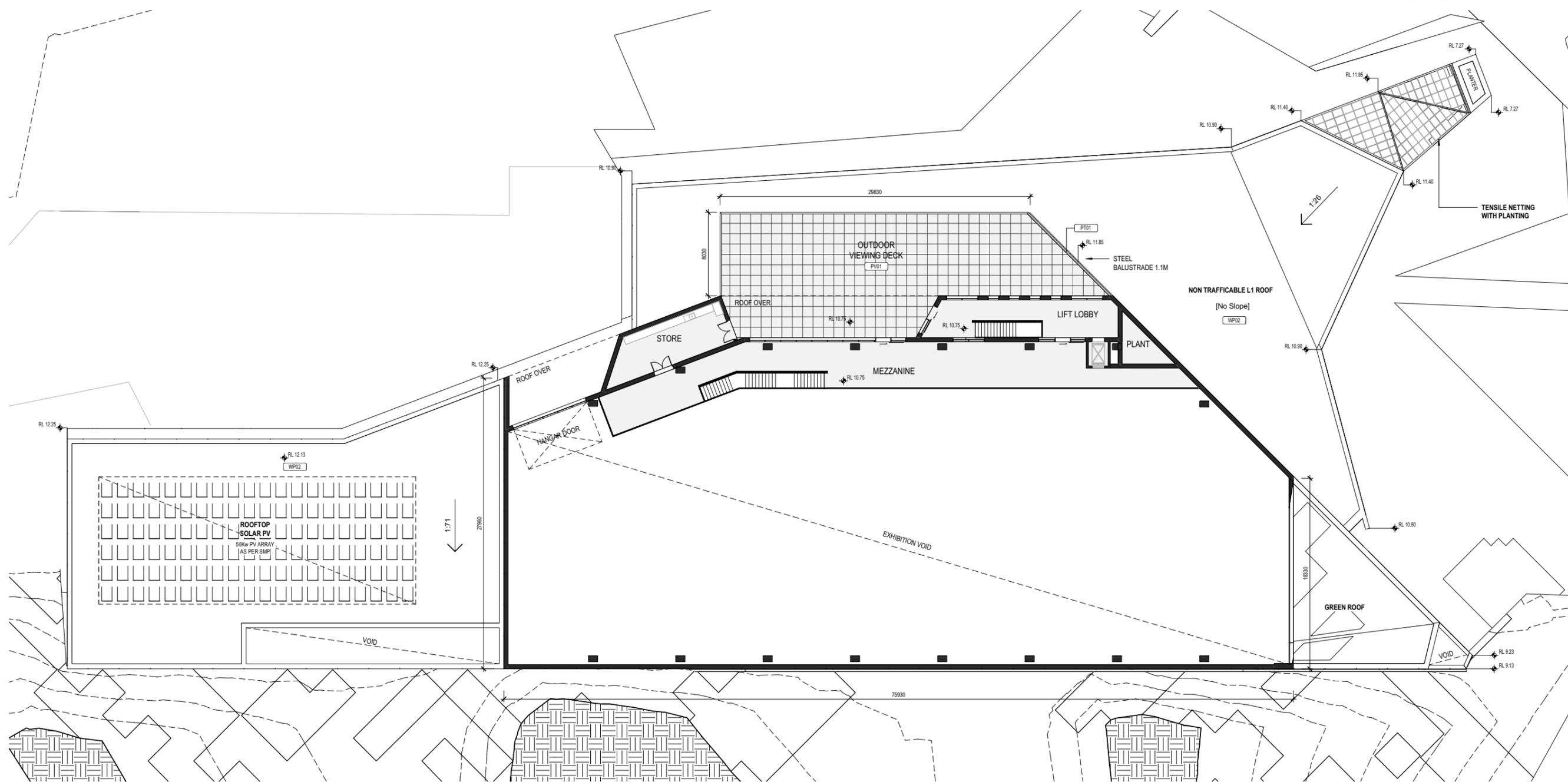


Architectus Melbourne
 Level 25
 385 Bourke Street
 Melbourne VIC 3000
 melbourne@architectus.com.au

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CODE	DESCRIPTION
CD01	Fibre Cement Cladding
GT01	Facade Glazing, Glazed Hangar Door
PD01	Powdercoated Arbor Panels, Glazing Mullions
PR01	External Precast Concrete Walls - Type A
PR02	External Precast Concrete Walls - Type B
PT01	Paint Finish to Steelwork
PT02	Paint Finish to Steelwork
PV01	External Paving - Refer Landscape Architects Documentation
WP01	Green Roof
WP02	Rock Ballast over Geotextile fabric and drainage cell

REFER TOWN PLANNING REPORT FOR FINISHES BOARD AND FURTHER INFORMATION



ADVERTISED PLAN

National Vietnam
Veterans Museum

Drawing: **GA Plan - Level 01**
 Drawing no: **A1010**
 Issue: **TP3**
 Scale @ A1: **1 : 200**
 Date: **30/11/2023**



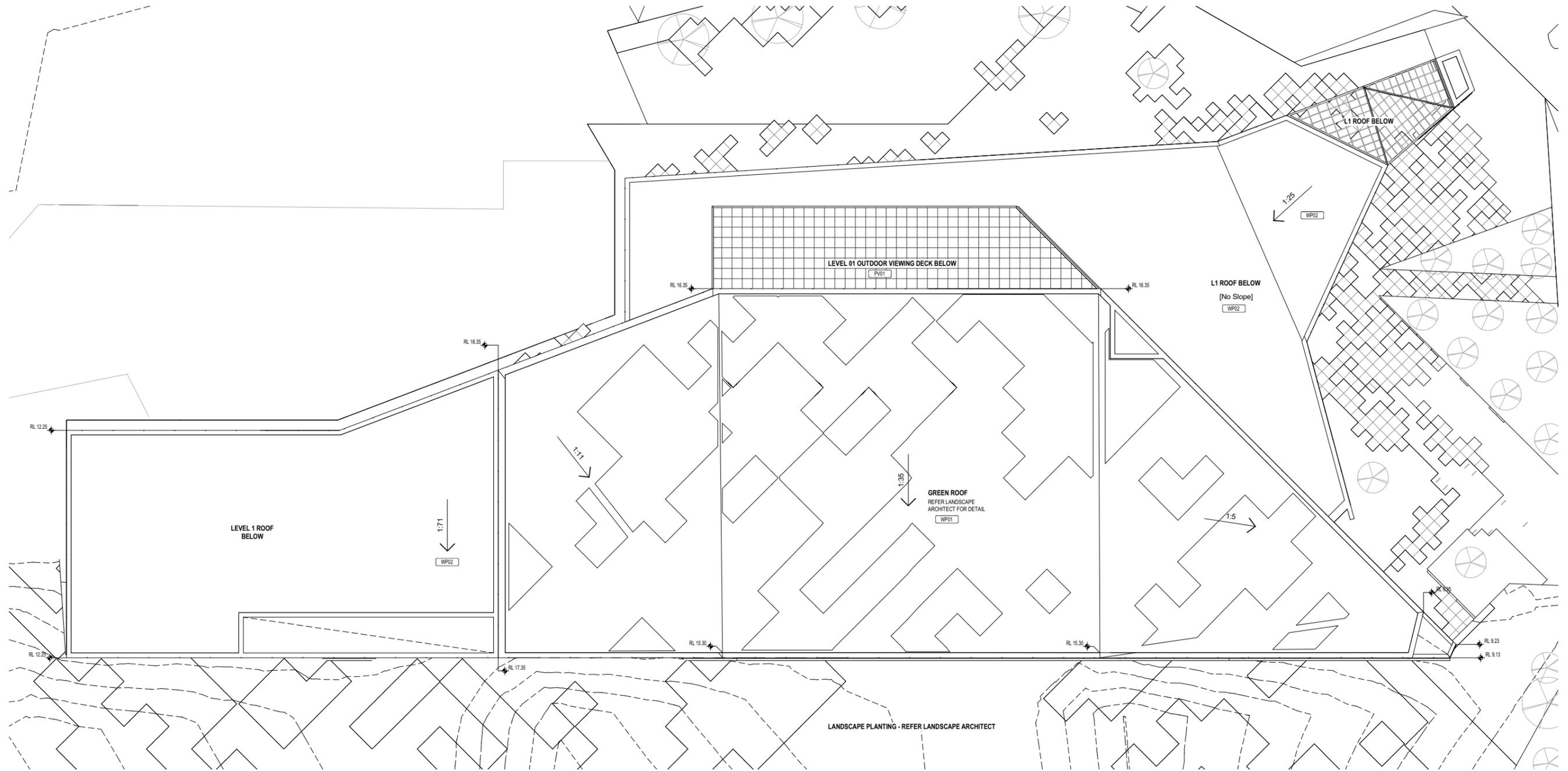
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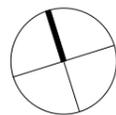
Mound Type Sections

CODE	DESCRIPTION
CD01	Fibre Cement Cladding
GT01	Facade Glazing, Glazed Hangar Door
PD01	Powdercoated Arbor Panels, Glazing Mullions
PR01	External Precast Concrete Walls - Type A
PR02	External Precast Concrete Walls - Type B
PT01	Paint Finish to Steelwork
PT02	Paint Finish to Steelwork
PV01	External Paving - Refer Landscape Architects Documentation
WP01	Green Roof
WP02	Rock Ballast over Geotextile fabric and drainage cell

REFER TOWN PLANNING REPORT FOR FINISHES BOARD AND FURTHER INFORMATION

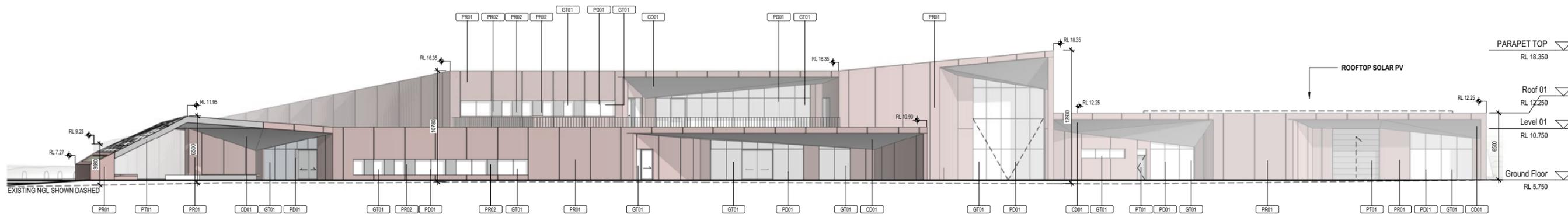


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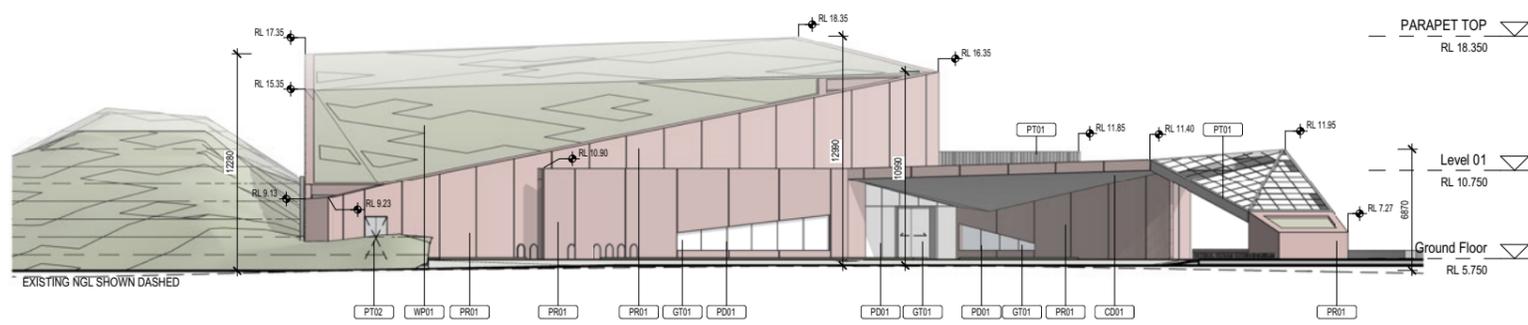
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GT01	Facade Glazing, Glazed Hangar Door
PD01	Powdercoated Arbor Panels, Glazing Mullions
PR01	External Precast Concrete Walls - Type A
PR02	External Precast Concrete Walls - Type B
PT01	Paint Finish to Steelwork
PT02	Paint Finish to Steelwork
PV01	External Paving - Refer Landscape Architects Documentation
WP01	Green Roof
WP02	Rock Ballast over Geotextile fabric and drainage cell

REFER TOWN PLANNING REPORT FOR FINISHES BOARD AND FURTHER INFORMATION



1 North Elevation
SCALE: 1 : 200

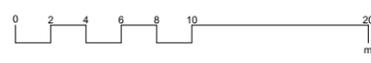
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2 East Elevation
SCALE: 1 : 200

National Vietnam
Veterans Museum

Drawing: **GA Elevation - North + East**
 Drawing no: **A2000**
 Issue: **TP2**
 Scale @ A1: **1 : 200**
 Date: **30/11/2023**



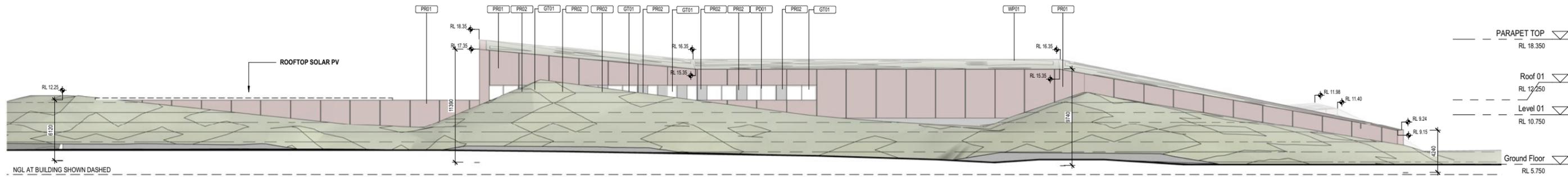
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Mound Type Sections

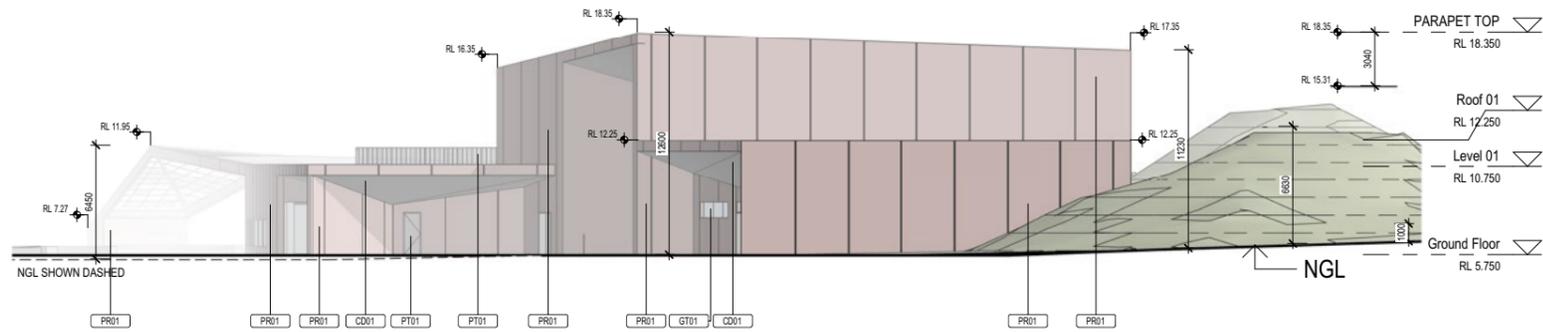
CODE	DESCRIPTION
CD01	Fibre Cement Cladding
GT01	Facade Glazing, Glazed Hangar Door
PD01	Powdercoated Arbor Panels, Glazing Mullions
PR01	External Precast Concrete Walls - Type A
PR02	External Precast Concrete Walls - Type B
PT01	Paint Finish to Steelwork
PT02	Paint Finish to Steelwork
PV01	External Paving - Refer Landscape Architects Documentation
WP01	Green Roof
WP02	Rock Ballast over Geotextile fabric and drainage cell

REFER TOWN PLANNING REPORT FOR FINISHES BOARD AND FURTHER INFORMATION

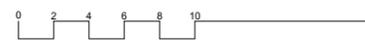


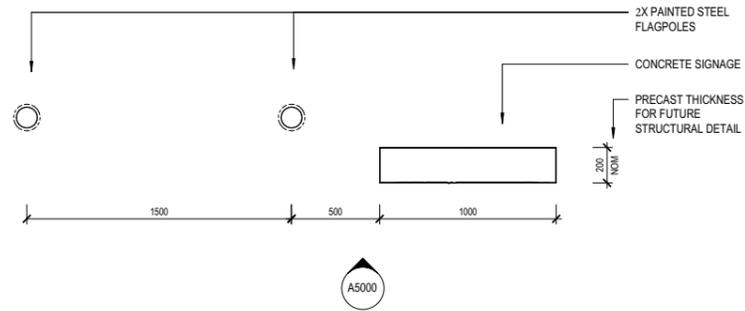
1 South Elevation
SCALE: 1 : 200

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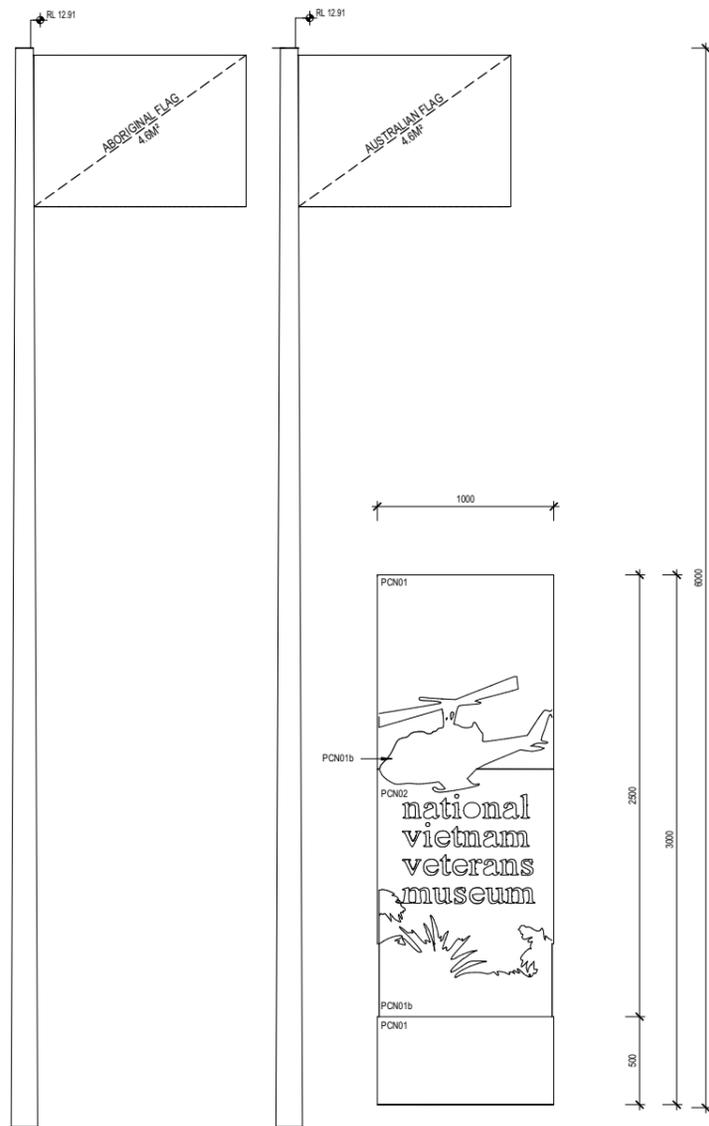


2 West Elevation
SCALE: 1 : 200





1 Detail Plan - Entry Signage
SCALE: 1:20



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2 Elevation 1 - a
SCALE: 1:20

7 3D Views

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7.1 External Views - Sequence of views



1. View from Phillip Island Road



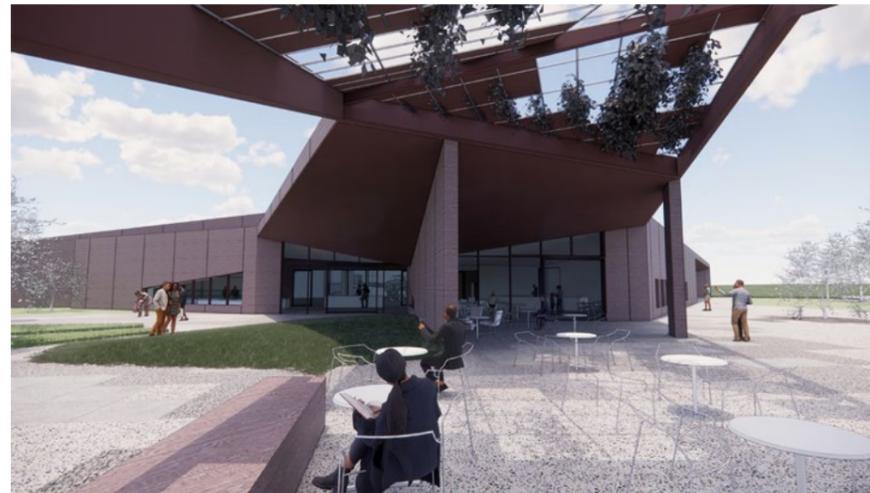
2. View from Entrance Road



3. View from Carpark



4. 3D View Entry



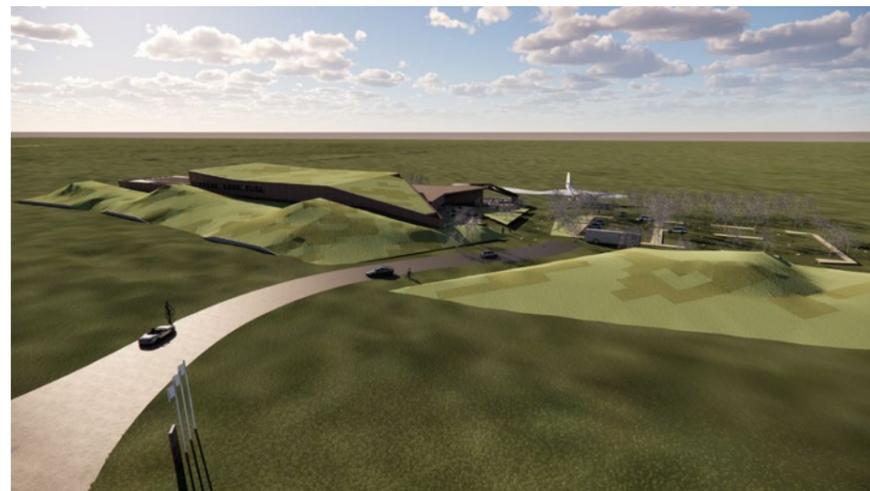
5. 3D View Cafe



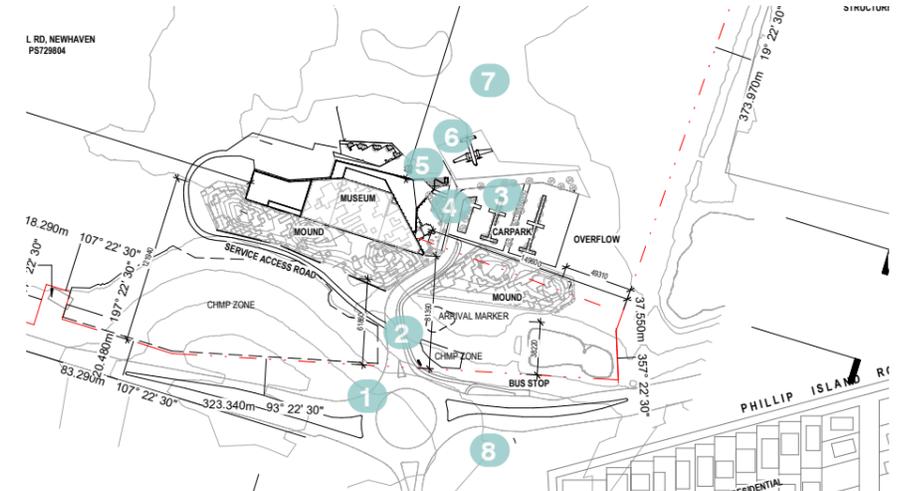
6. 3D View Entry



7. 3D Aerial View



8. 3D Aerial View 2



Key Plan

8 Internal Layouts

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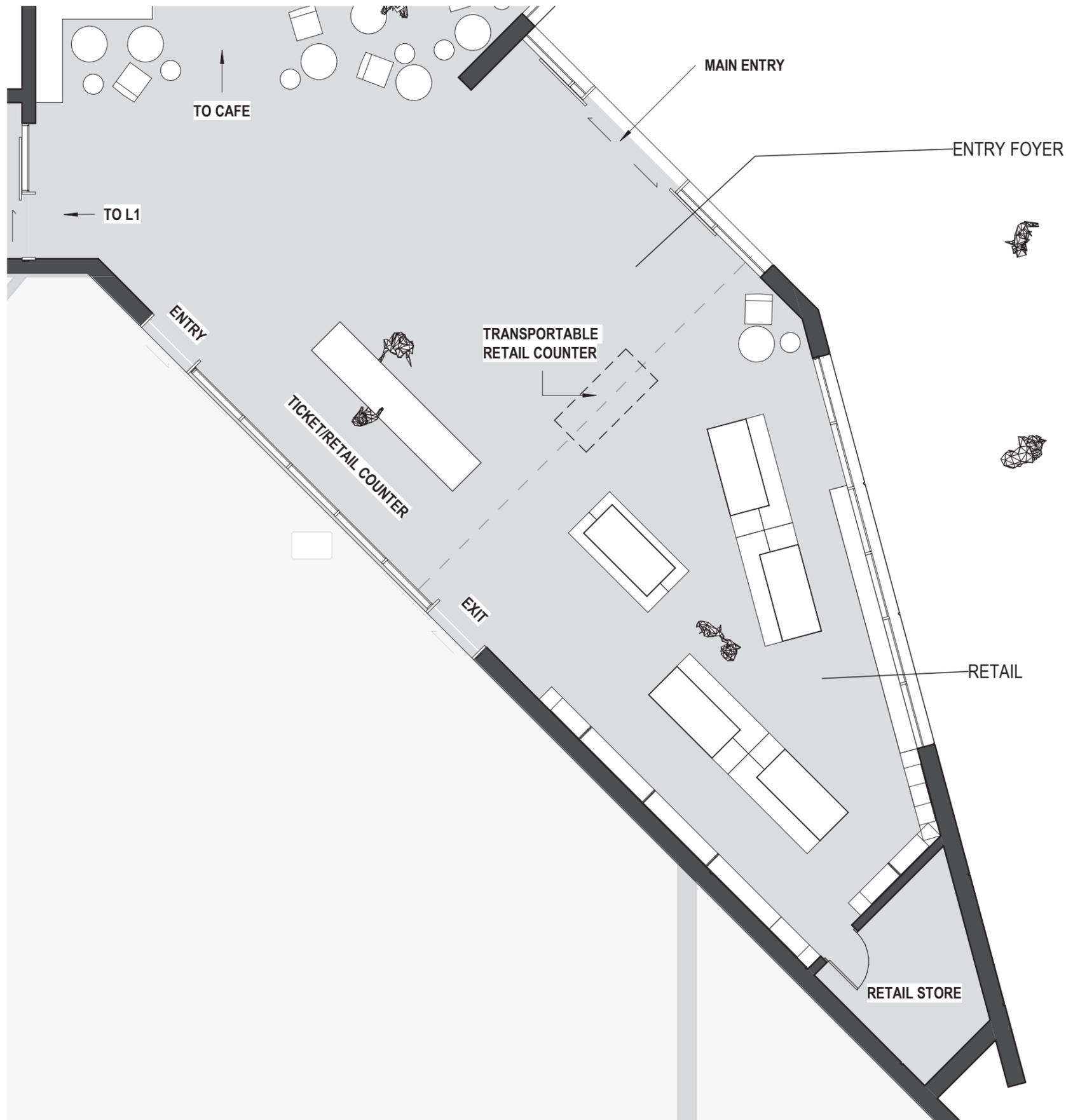
8.1 Internal Layout

3D View of Entry Lobby

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Entry Foyer

- Indicative size: 130sqm
- Capacity: Transient space with seating for 10p
- Key Adjacencies: Reception/Ticketing, Museum Entry, Café, Retail Shop, Visitor Toilets
- Access: Staff and Volunteers, Visitors

Description:

The entry foyer is the first experience of the museum for all visitors. Acting as the main entry and arrival point for visitors to the exhibition area, retail shop or café, the entry foyer needs to cater to visitors in small and large groups arriving together and also those waiting for others. It is envisaged that all visitors will enter and the majority of visitors will exit via this space.

Retail Shop

- Indicative size: 100sqm
- Capacity: 2 staff/volunteers at counter
- Key Adjacencies: Entry Foyer, Reception/Ticketing
- Access: Staff and Volunteers behind counter, Visitors

Description:

The retail shop is located in a highly visible location where all visitors to the museum have the opportunity to interact and view the products for sale. The product displays are flexible to enable the product offers to change over time, and include secured glass fronted and glass topped displays for some items, and accommodate for both low profile mobile display and wall display. Adjustable lighting is recommended to allow for future reconfiguration.

The retail counter can be combined with the main counter, or a transportable POS counter utilised. It accommodates for up to 2 staff/volunteers behind the desk and with space to handle cash and card payments, and wrap and bag products.



Internal Layout

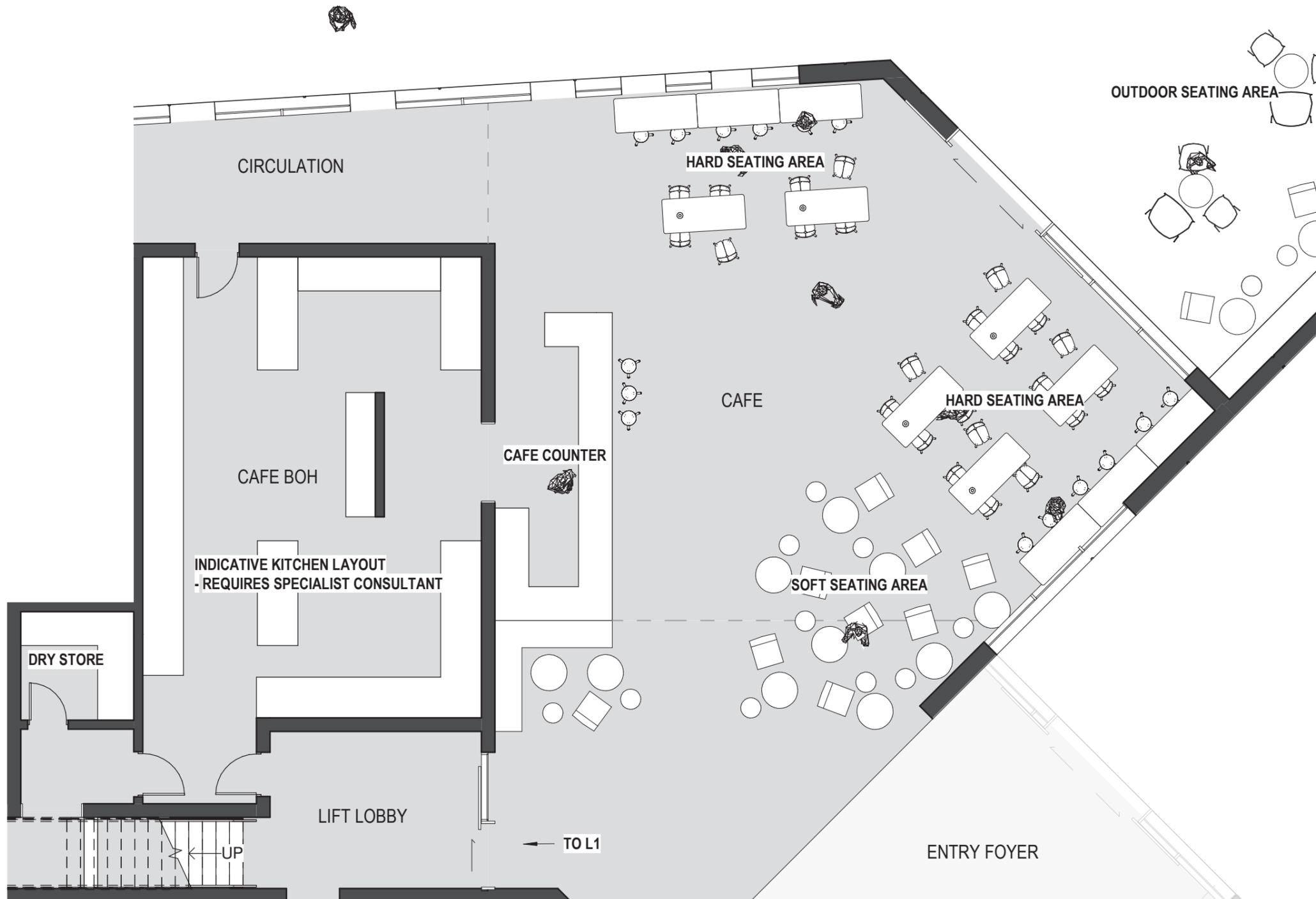
3D View of Retail Space

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Internal Layout



Café

- Indicative size: 150sqm plus 90sqm BOH
- Capacity: 60p internal seated capacity
- Key Adjacencies: Entry Foyer, Outdoor Seating, Visitor Toilets, BOH bin area and loading bay
- Access: Staff and Volunteers to BOH, Visitors

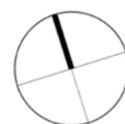
Description:

The café space supports both museum visitors pre, post or during their museum visit for drinks and snacks or lunch, as well as provide a destination where non-exhibition visitors can interact with the NVVM museum. The café is in a highly visible location and located in a position to activate the museum entry. To support the wide demographic of museum visitors, generous spacing is provided between seats within the café, to allow for the movement of wheelchairs and others with mobility impairments. A strong connection to the external site is encouraged through the use of outdoor seating areas with weather protection to be provided.

There is potential use of the café for functions.

The BOH areas for the café are to include kitchen, cool store, dry store, bin area, gas storage and access to loading bay.

The Kitchen design is shown indicative only, a specialist commercial kitchen design consultant should be engaged to develop an appropriate layout when the design is required to progress further.



Internal Layout

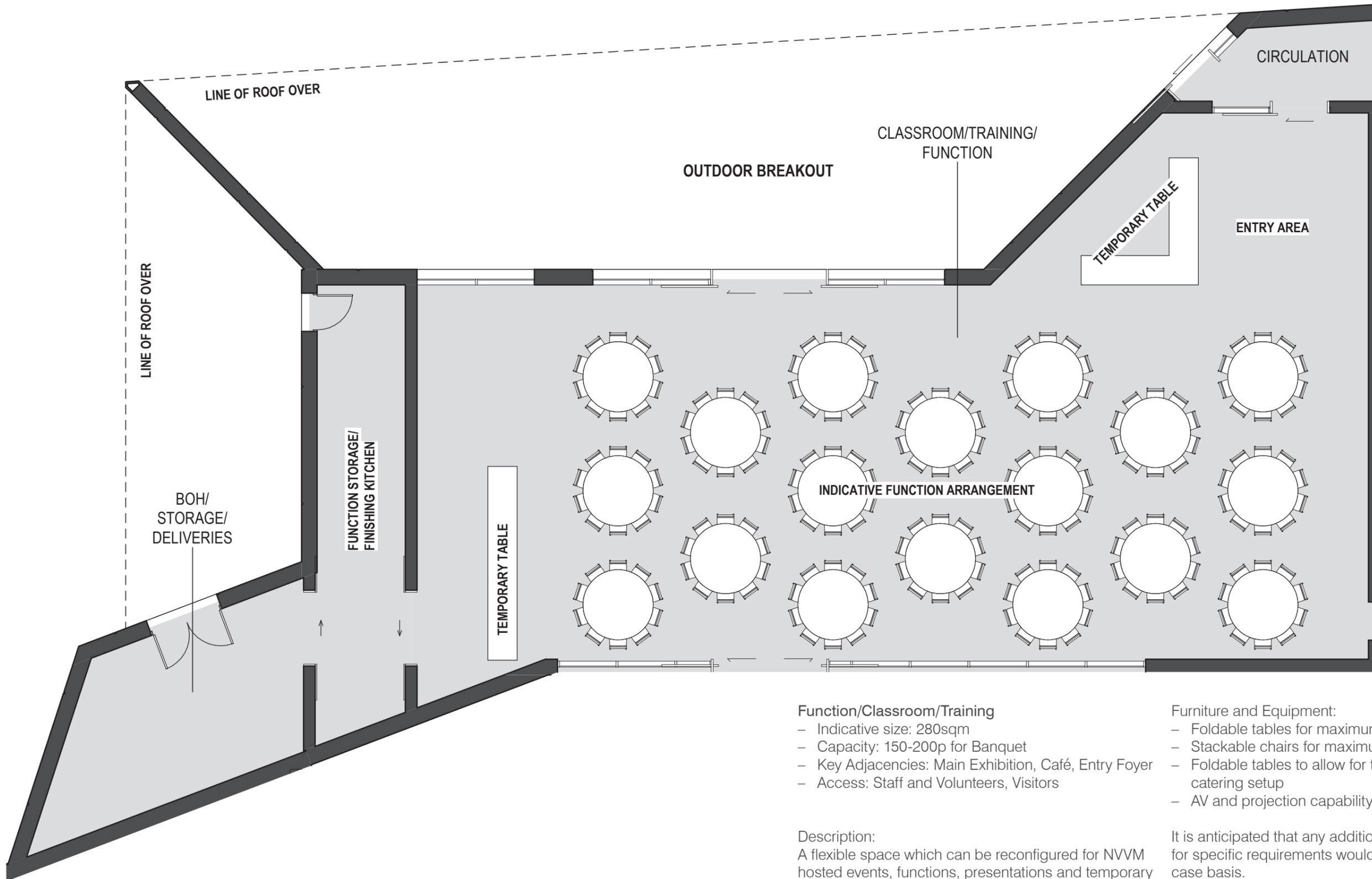
3D View of Cafe

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Internal Layout



Function/Classroom/Training

- Indicative size: 280sqm
- Capacity: 150-200p for Banquet
- Key Adjacencies: Main Exhibition, Café, Entry Foyer
- Access: Staff and Volunteers, Visitors

Description:

A flexible space which can be reconfigured for NVVM hosted events, functions, presentations and temporary exhibitions. Flexible furniture configurations to allow for cocktail, theatre and banquette set up.

Furniture and Equipment:

- Foldable tables for maximum capacity of 200p
- Stackable chairs for maximum capacity of 200p
- Foldable tables to allow for temporary bar and catering setup
- AV and projection capability

It is anticipated that any additional AV and audio setup for specific requirements would be hired on a case by case basis.

Note: The classroom/Training areas have been amalgamated to this room



Internal Layout

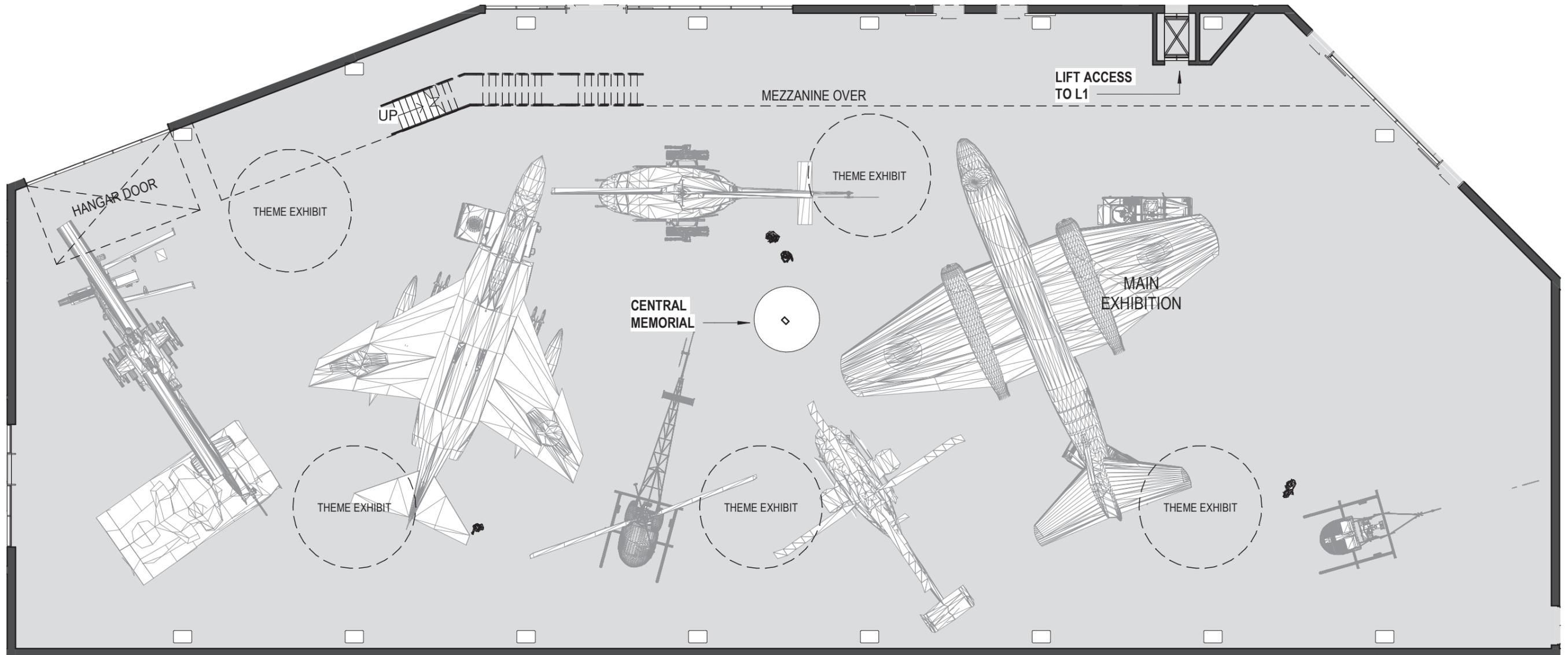
3D View of Function Area

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Internal Layout



Central Theme Area

- Indicative size: 2150sqm
- Includes 5 x 30sqm Supporting Themed Areas
- Capacity: 200p
- Key Adjacencies: Entry Foyer, Function
- Access: Staff and Volunteers, Visitors

Description:

Main exhibition space for the display of large and small objects presented around the central theme of the experience of Australian Vietnam Veterans. The Central Theme exhibition area will be the entry and exit points to the museum exhibition and will be designed to encourage a linear journey from introduction, through the central theme and then an outro prior

to exit. While a linear journey is encouraged, the exhibition space will also support visitors who wish to drop in and out and view exhibits in a self guided order or a slower pace.

A commemoration space is located centrally within the main exhibition space to be used as a marker for ceremonial and personal reflective activities. This commemoration space should have direct access from the exhibition entry.

Supporting Theme Areas

- Indicative size: 150sqm (30sqm x 5)
- Capacity: 200p (inclusive of all exhibition spaces)
- Key Adjacencies: Central Theme Area
- Access: Staff and Volunteers, Visitors

Description:

Branching off from the Central exhibition space are 5 Supporting Theme areas which visitors will experience as part of their journey through the exhibition.

The Supporting Theme areas will house smaller objects and be focussed around 5 themes developed by the specialist exhibition designer.

The supporting theme areas should be accessible from the central theme area and can include immersive experiences and AV.

To allow adequate access to services, the themed areas can be flexibly located around the perimeter of the main Exhibition area.

These areas are to be developed further with the specialist exhibition designer.

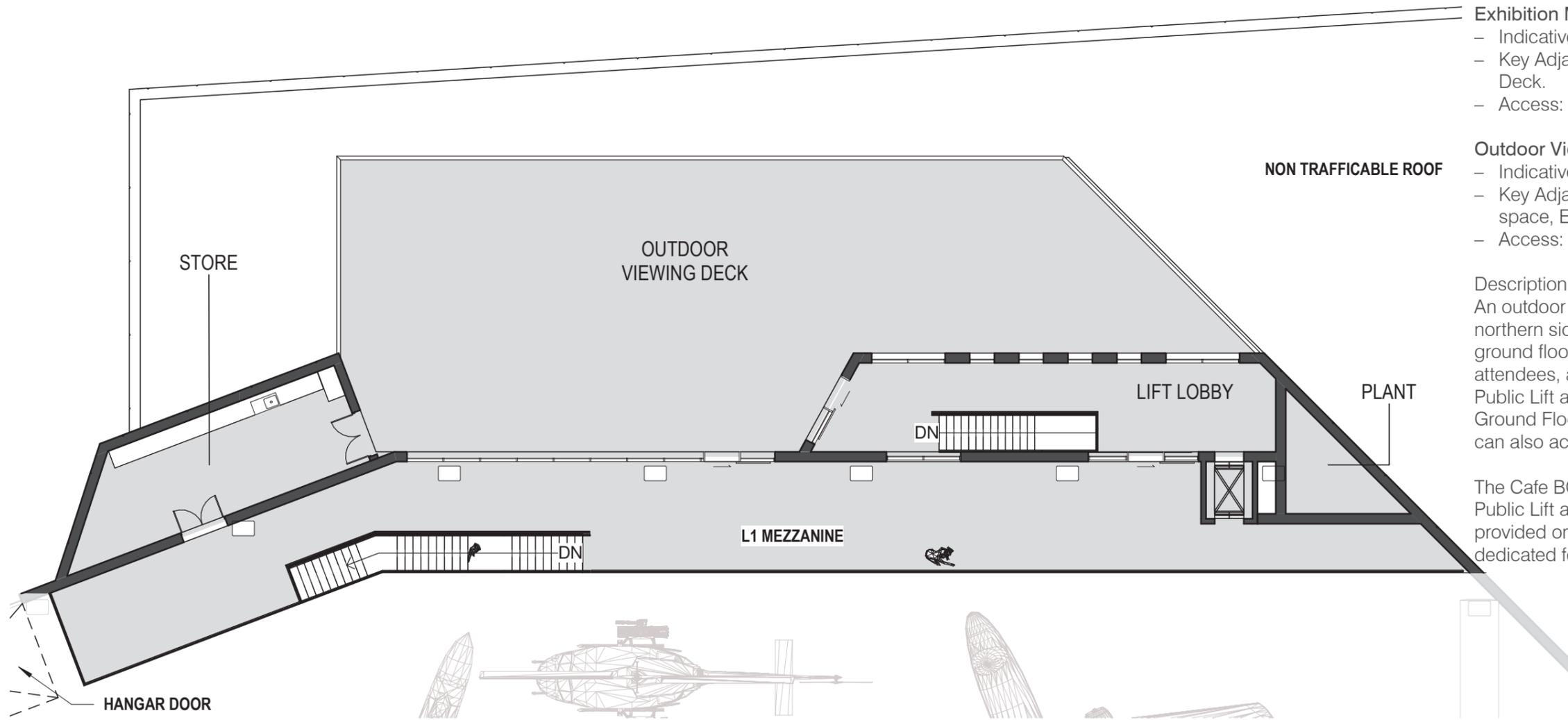


Internal Layout

3D View of Exhibition Area

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Exhibition Mezzanine
 - Indicative size: 230sqm
 - Key Adjacencies: Exhibition Area, Outdoor Viewing Deck.
 - Access: Staff and Volunteers, Visitors

Outdoor Viewing Deck
 - Indicative size: 330sqm total
 - Key Adjacencies: Entry Foyer, Café, Function space, Exhibition Area
 - Access: Staff and Volunteers, Visitors

Description:
 An outdoor viewing deck has been designed on the northern side of the building. Located on roof of the ground floor, it is accessible to both paid exhibition attendees, and the general public. Public Lift and stair access is provided from the Ground Floor Entry Foyer, whilst exhibition attendees can also access from within the exhibition space.

The Cafe BOH kitchen can service the area from the Public Lift and Stair, additionally a storage space is provided on L1 to assist with providing for functions, or dedicated food/beverage prep (finishing kitchen only)

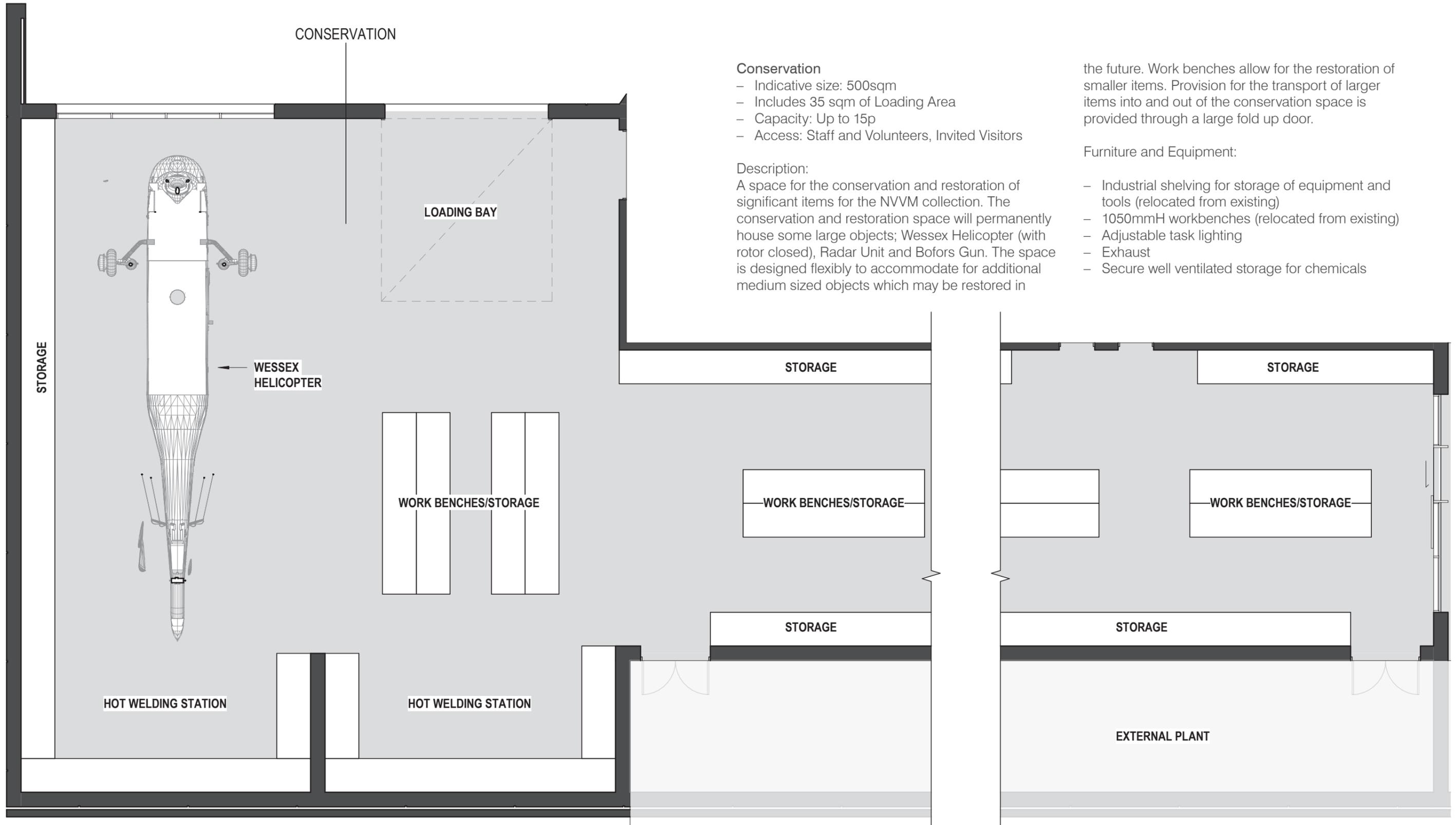
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Internal Layout



Conservation

- Indicative size: 500sqm
- Includes 35 sqm of Loading Area
- Capacity: Up to 15p
- Access: Staff and Volunteers, Invited Visitors

Description:

A space for the conservation and restoration of significant items for the NVVM collection. The conservation and restoration space will permanently house some large objects; Wessex Helicopter (with rotor closed), Radar Unit and Bofors Gun. The space is designed flexibly to accommodate for additional medium sized objects which may be restored in

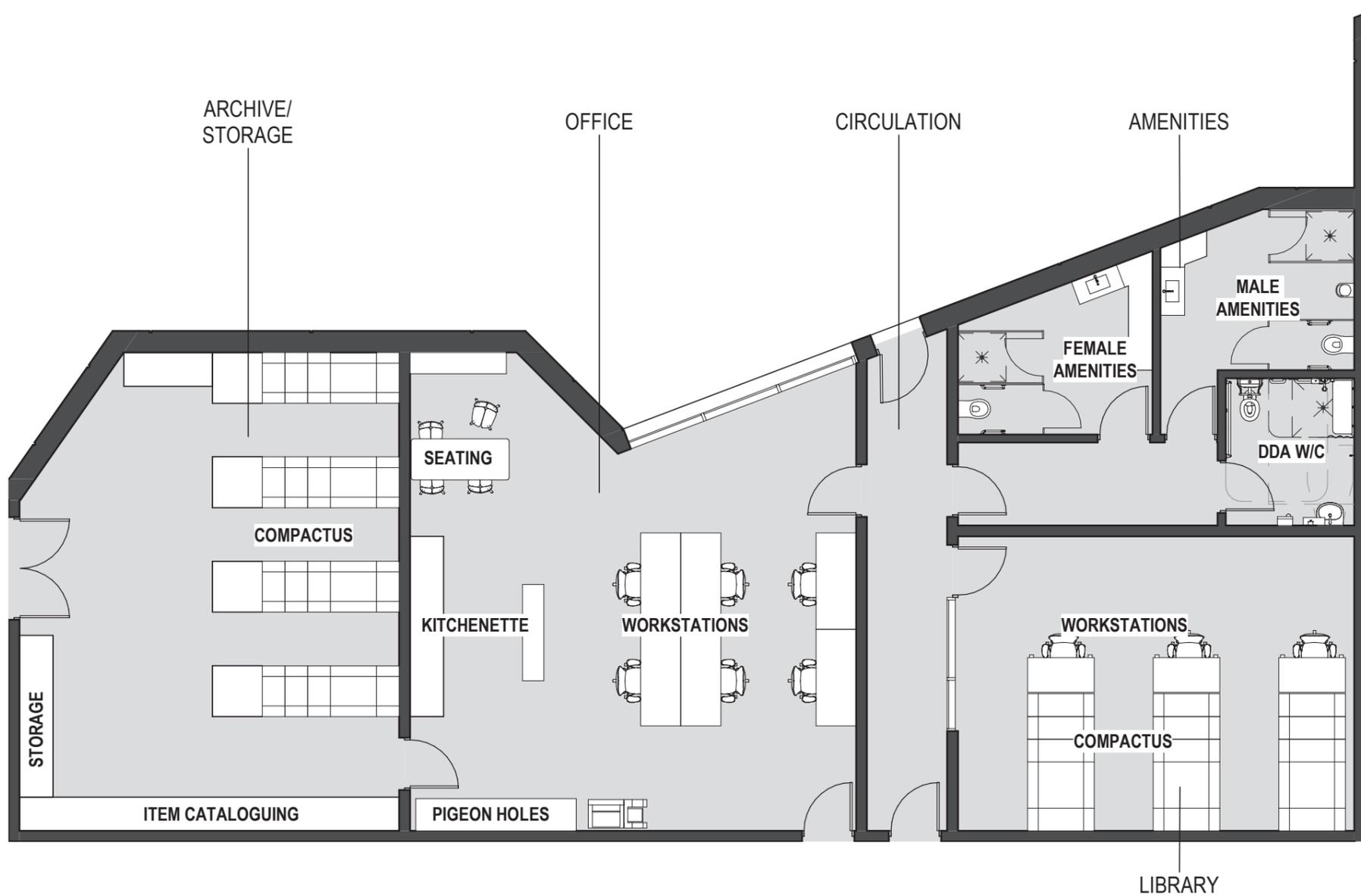
the future. Work benches allow for the restoration of smaller items. Provision for the transport of larger items into and out of the conservation space is provided through a large fold up door.

Furniture and Equipment:

- Industrial shelving for storage of equipment and tools (relocated from existing)
- 1050mmH workbenches (relocated from existing)
- Adjustable task lighting
- Exhaust
- Secure well ventilated storage for chemicals



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Staff Amenities

- Indicative size: 40sqm total

Description:

Toilet, shower and change facilities for staff and volunteers.

Library and Research Room

- Indicative size: 40sqm

Description:

A space for research and reading and storage of printed material and books. The space is anticipated to be used on an intermittent basis for up to 3 hours at a time.

Furniture and Equipment:

- Compactus (New or relocated) or shelving
- 3 x Workpoints with ergonomic chairs
- Adjustable task lighting at each workpoint
- 2 x PC and monitors

Archive Storage

- Indicative size: 60sqm

Description:

Secure storage space for smaller exhibition items.

Furniture and Equipment:

- Compactus (New or relocated)

Item Cataloguing

Item cataloguing is combined with the archive storage

Furniture and Equipment:

- Bench space (1050mm H) for item cataloguing and inspection with open shelves under
- 2 x stools at bench
- Adjustable task lighting over bench
- Whiteboard or writeable wall surface



9 External Finishes

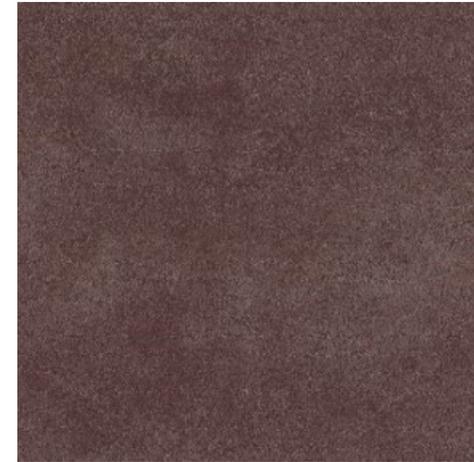
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GT01 - Glass Type 1
Facade Glazing
Clear Vision Glass



PR01 - Precast Concrete
External Precast Concrete Wall
Formliner with Alternative Surfaces
Concrete Colour Stain



PR02 - Precast Concrete
External Precast Concrete Wall
Acid Etched with Alternative Surfaces
Colour Stain



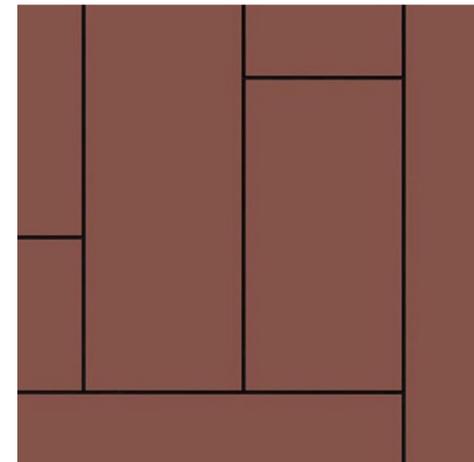
PD01 - Powdercoat Finish
Powdercoated Arbor Panels, Glazing Mullions
Wattyl Paint - Brick Road 149.60



PT01 - Paint Finish
Paint Finish to Steelwork
Wattyl Paint - Brick Road 149.60



PT02 - Paint Finish
Paint Finish to Steelwork
Paint finish to match adjacent PR01 Concrete



CD01 - Fibre Cement Cladding
External Soffits
Equitone Fibre Cement

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10 Artist Impressions

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