

Construction Operational Management Plan

Project Details

Project Name: Barangaroo Cutaway Cultural Facility

Project Number: 200290

Project Location: 1 Merriman St, Barangaroo NSW 2000

Client: Infrastructure NSW (INSW)

Name of principal contractor: FDC Construction (NSW) Pty Ltd

Company address: 22-24 Junction Street, Forest Lodge

ABN: 72 608 609 427

Prepared
Signature

**Peter
Colak**

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**Emma
Thomy**

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Peter Colak
Senior Project Manager

Emma Thomy
Project Director



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Introduction

The Construction Operational Management Plan (COMP) shall be implemented in consultation with the Project team, Building Operations, and subcontractors. The purpose of this plan is to set out the construction sequence and operational controls to manage the site materials handling, movement of site and public and egress management.

This plan addresses project site specific emergencies identified in the management plans in table 1 and provides support to task specific emergency situations identified within the Site Risk Assessment.

SITE PLAN



1.0 PROJECT SCOPE

The scope includes, but is not limited to the design and construction, and testing and commissioning of:

- Primary Use Areas inclusive of the Main Entry, Entry Foyer, Event Hall, Gallery & Exhibition Space, Education Space, Waranara Terrace, and associated amenities.
- Back of House Areas inclusive of a Security Control Centre, Loading Dock, Offices, Green Rooms, Event Kitchen, Storage Spaces.
- Service and Amenity areas inclusive of a Café and Retail/merchandising space.
- Management Offices including Precinct Management Office, Cutaway Management Office, and Facilities Management Office.
- New services including upgrades, connection to and augmentation of existing services.
- New skylight structure on the existing sandstone wall (the skylight support will impact on the top of the rock shelf and the adjacent existing concrete upstand, which will require additional structural strengthening to support the new enclosure).

1.1 Site contacts

The site contacts will be available through the below team -

Site Personnel



Chris Tapia
Site Manager (Structure)



Jorge Oancea
WHS Senior Supervisor



Luke Trochei
Site Manager (Fitout/Services)

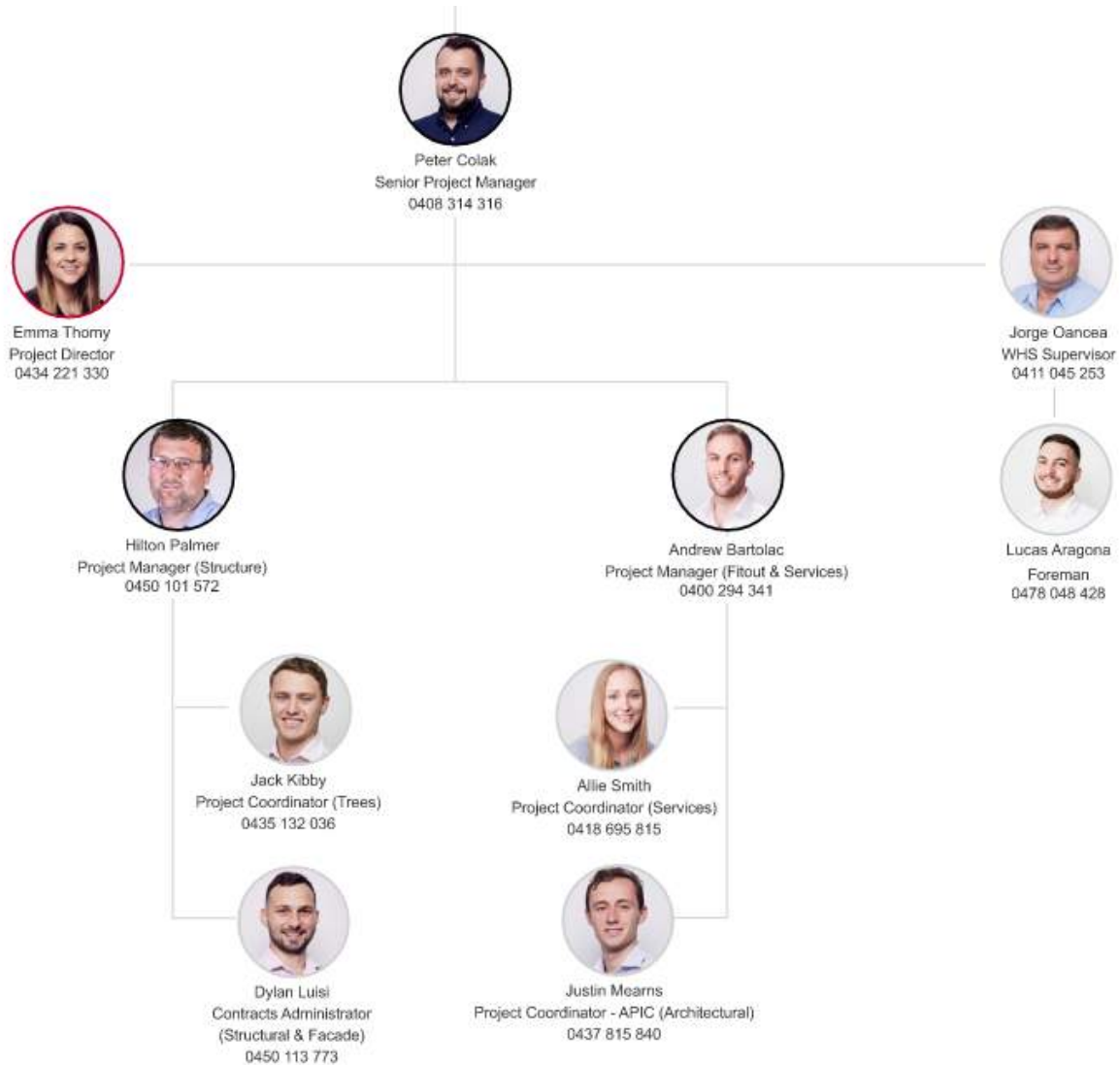


Jim Kousoulis
Foreman



Lucas Aragona
Foreman (Fitout/Services)

1.2 After hours contacts –

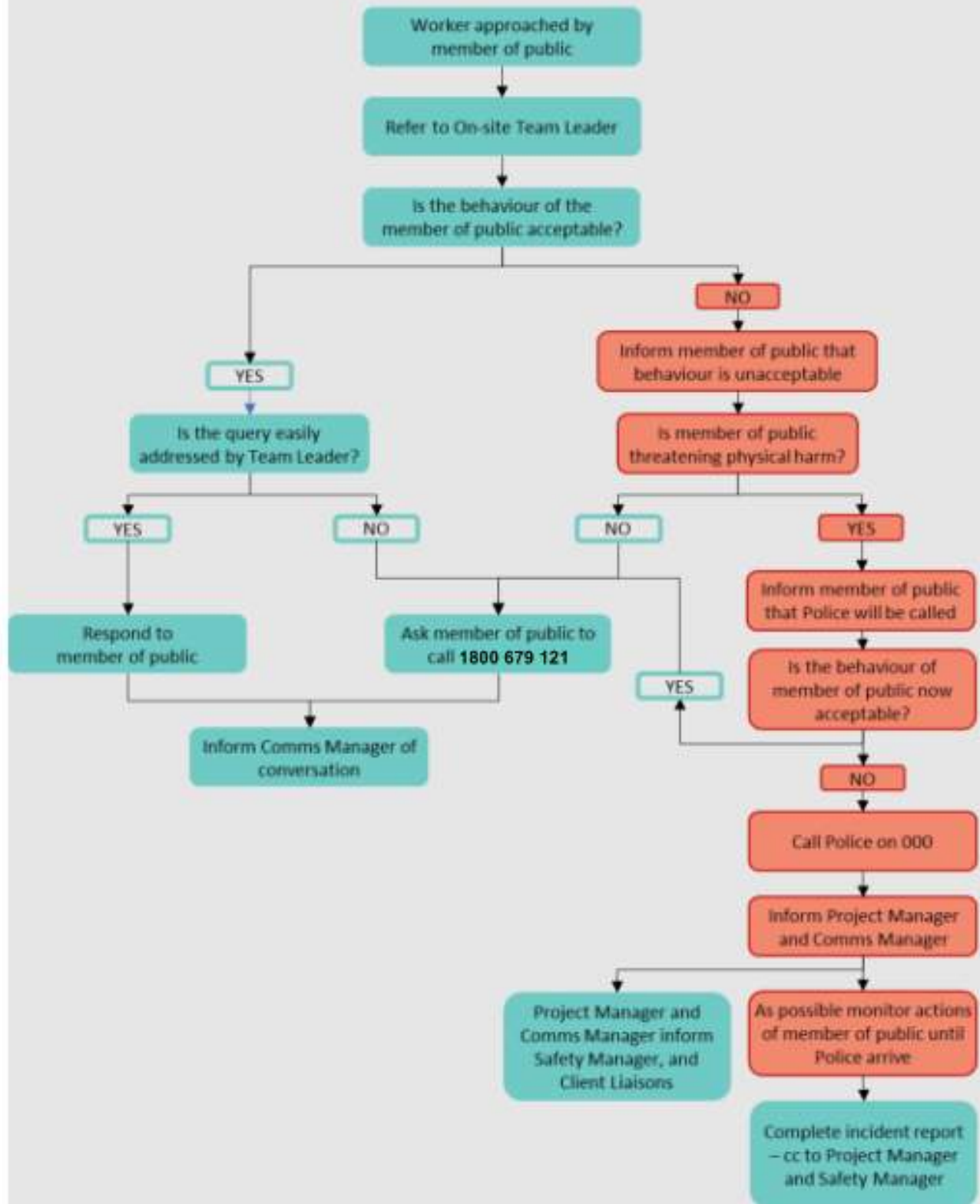


1.3 Construction Work Hours

Monday to Friday 7am to 6pm
Saturday 8am to 5pm
No works Sundays

1.4 Community Communication

On-Site Enquiries and Complaints Management Flow Chart



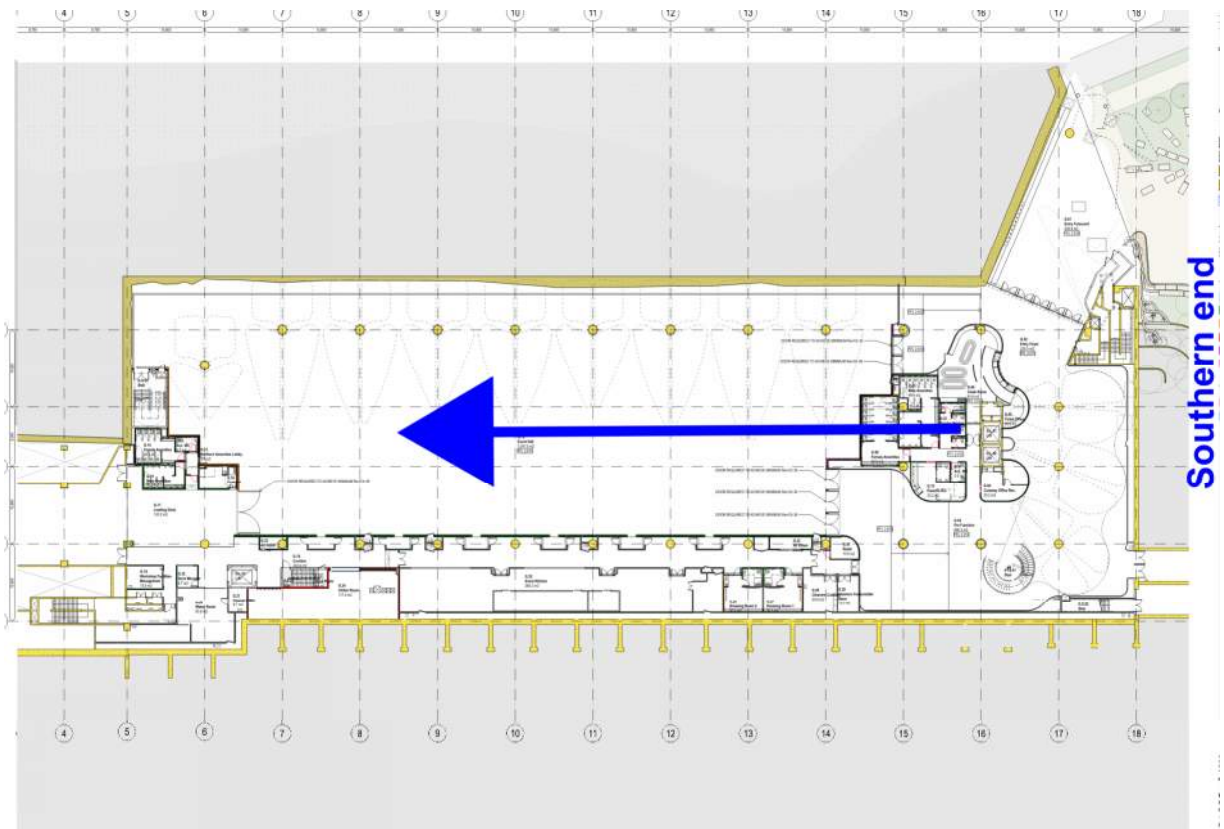
1.5 Emergency Management Plan

The Cut away Emergency management plan has been developed around the constraints of the project and operational controls. as the project goes through its Lifecycle the EMP will be updated inline with the COMP.

The EMP can be found on Aconex, on the site notice board.

1.6 Construction Sequence

The construction sequence will start form the Southern end of the project and running to the from the North with steel installation from level 2 to level 1, fit out works will take place in the same sequence, GRC and Timber tree install will sequence in their respective areas and move to the Northern end of the project.



1.7 Construction Management plans

The following Management plans were used to develop the Construction Operational Management Plan (COMP) if any changes are required to the COMP, then the below Management plans should be referred to.

Management Plan	DRAFT Rev	CONSTRUCTION Rev
Construction Environmental Management Plan	Rev 1	Rev C1
Quality Management Plan	Rev 1	Rev C1
Hazardous Materials Management Plan	Rev 2	Rev C1
WHS Management Plan	Rev 4	Rev C1
Aboriginal Management Plan	Rev 2	Rev C1
Training Management Plan	Rev 1	Rev C1
Workplace Relations Management Plan	Rev 1	Rev C1
Construction Traffic Management Plan	Rev 1	Rev C1
Soil and Water Management Plan	Rev 1	Rev C1
Design Management Plan	Rev 2	Rev C1
Emergency Management Plan	Rev 1	Rev C1
Communication Stakeholder Management Plan	Rev 2	Rev C1
Construction Waste Management Plan	Rev 1	Rev C1

Table 1.

1.8 FDC Construction Minimum Requirements

The Cutaway project brief is detailed to set minimum requirements for the project in way of site establishment and management this is in Appendix A and is to be used by the project team and subcontractors to design and implement the site management protocols.

1.9 Construction layout drawings

The construction layout drawings are in Appendix B, these plans identify the location of fire safety equipment , emergency egress locations, first aid locations, site amenities, access to site Plant and worker Separation and materials handling, these layout plans are checked each month and updated as required.

1.10 Hoarding layout drawings

The hoarding layout drawing attached in appendix C identify the hoarding locations and type of hoardings these plans are to be used by the project team to establish public interface locations and weekly hoarding inspections will be completed to ensure the hoarding are compliant, any changes to the hoardings will be documented and updated in the plan.



1.11 Emergency Egress drawings

The emergency egress drawing is to be updated each week with any construction activity changes, during the weekly review consideration of the egress paths and lighting designs are to be considered.

1.12 Construction Fire safety Management Plan

The Construction Fire Safety Management Plan (CFSMP) is to inform the Project teams, Operational Management Group and Subcontractors of the Changed fire and safety management to the project this will include Project Construction areas and Public live areas. The plan is to be updated as the project goes through its life cycle.

1.13 Cutaway Workforce Coordination Meeting (CWCM)

A daily coordination meeting will take place called Cutaway Workforce Coordination Meeting (CWCM) to align tasks and communicate exclusion zones, change of access, high risk works, issues resulting from site works and daily safety briefing to be undertaken the within the next 48hours the Subcontractors principle Site manager or Forman, will attend this meeting and be involved in the implementation of the daily worker notification prestart, the daily CWCM meeting will be recorded and issued out within the daily prestart communication through Project Simple, each worker will be required to attend their designated prestart with their company Forman / Site manger to ensure that the items discussed in the CWCM are explained and any issues raised reported back to FDC site management.



2.0 Appendix A - Cutaway Project Brief



Cutaway – Site Establishment min standards Schedule.

Rev 1 – 10/02/2024

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Temp Electrical

Temp power boards and Power

All Temp electrical installation on FDC construction site must be reviewed and designed to AS/NZS 3012 and AS3000 the electrical contractor is to produce a temp lighting and power board management plan including design, installation, tagging and Electrical certifications and any required maintenance for the evolution of the project, the contractor will be required to relocate the lights and boards as required to allow continuity of construction works.

The electrical contractor is to allow for power supply (outside site amenities) to 10 Temp toilets, 15 Bubblers, 2 Wash stations, construction hoist, and temporary Comms room

Commissioning and ongoing required testing is to be completed, recorded, and issued to FDC as required throughout the project.

Temp power boards Type A boards are to consist of the below requirements and be constructed in accordance of AS/NZS 3012

- Temp switch board are to be made of robust construction and materials to withstand mechanical damage from environment or other external influences that may be expected at the location.
- The enclosure shall have a degree of protection appropriate for the environment in which it is installed subject to a minimum degree of protection of IP23.
- Live parts shall always be effectively protected against contact by persons operating equipment located on the switchboard, including the connection or disconnection of plugs to socket-outlets.
- Switchboards shall be securely attached to a wall, floor, or other structure
- Type A boards should consist of at least 4 x DGPO 10amp supply
- Type B boards should consist of at least 4 x DGPO 10amp supply and 1 x 63amp Outlet c curve breaker.
- Prior to Connection all boards are to be inspected and signed off in collaboration with FDC and relevant forms signed off accordingly.



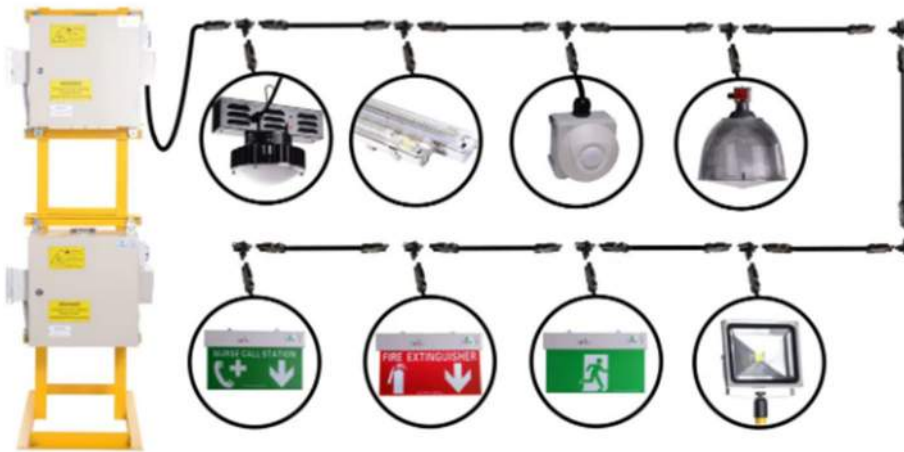
Example of Temp boards for construction sites

Temp lighting

All Temp electrical installation on FDC construction site must be reviewed and designed to AS/NZS 3012 and AS3000, AS2293. The electrical contractor is to produce a temp lighting and power board management plan including design, installation, tagging and Electrical certifications and any required maintenance for the evolution of the project, the contractor will be required to relocate the lights and boards as required to allow continuity of construction works.

Temp lighting to all parts of floors including all rooms, access stairs and s, Emergency egress paths, internal jump from decks, jump stairs, and all compliant exit running men signs and lighting on egress paths.

- Temp light is to be led type fitting with soft wiring connections, lights needs to be battery backup for 2 hours.
- Lighting system needs have compactly to integrate directional running man exit signs
- Lighting system needs to have electrical test switch to comply to AS2293
- Lighting system must have time clock of Sensors inline to allow for reduced energy usage
- Lighting system must have min lux requirements to satisfy AS/NZS 3012



Example of led Soft wiring system

Temp lighting to formwork lead deck

Temp lighting – flood lights to leading construction deck prior to construction lighting installation the electrical contractor is to allow for early installation of flood lights to formwork decks to allow construction works to take place noting these will be removed or relocated once formwork deck is trafficable for height access equipment



Example of led crane type flood lights

Temp cabling

All Temp electrical Cabling on FDC construction site must be reviewed and designed to AS/NZS 3012, AS3000, AS2293.

- All Temp construction wiring other than low voltage must be mechanically protected with UV Stable conduits,
- All temp wiring should be installed against soffits where this is not achievable then the cabling should be installed no lower than 3m unless a risk assessment is completed and agreed with FDC.
- All construction wiring should be labelled at no further than 3m with construction wiring tape and at 5-meter intervals the below sign is to be installed in A4 and maintained by the electrical contractor throughout construction works.



Temp main switchboard

Any Temp Main switch board being installed to FDC construction site must be reviewed and designed to AS/NZS 3012, AS3000, AS/NZS 3439. 1 and 3439.3

- Temp Main distribution board will be able to take feeds direct From either Ausgrid substation or MSBR
- Board will need to be designed to allow free standing positioning
- Board will need to be lockable and external powder coated.
- Board will need to IP rated to 64 or suitable for external all weather conditions.

Example of main switch board free standing



Max power demands for equipment

Item	Description	Max Power	Location	Owner
003	Construction hoist	122A	Level 1	TBC
005	Construction Power	TBC BY Project Electrician	All levels	Site Electrician

***** Spec sheets on equipment TBC *****

Hydraulics

Bubblers

The hydraulic contractor is to supply a water supply and bubbler management bubblers are to be located in each floor and external work area with nominal minimal distance of 100m apart Bubbler to have chilled water.

- Bubbler to be fitted with bubbler and bottle filling spout
- Bubbler to max 10amp plug with plug cover guard to stop unplugging of device
- Bubblers are to be drained to sewer stack points



Example of Bubbler with bottle filling spout

Hose Taps

Hose taps are to be installed throughout the site with coverage of no less the 30m from any hose tap the Hydraulic contractor is to prepare a management plan that outlines the hose tap locations, management throughout the build and relocations as required. Noting the below requirements

- Hose taps are to be connect to main feed line.
- Each floor is to have an independent isolation valve.

Wash out stations

2 Washout stations are to be implemented on the project Hydraulic contractor to supply a detailed plan with Washout locations prior to installation for sign off by the site team an additional allowance to relocate as required throughout the project evaluation.

- Wash stations are to be fitted with filtration systems and water reuse abilities
- Wash stations will need to have documented water saving data showing reduction in water use.
- Wash stations will need to be maintained and cleaned within specifications.



<https://washbox.global/trolley-mounted-model/>

Temp toilets to floors

Compliant temp toilets are to be installed to every floor connected to a main sewer stack and towns water these toilets are to install and maintained throughout the project toilets are to be relocated to suit changing scope and to be installed within 48hours of new floors being established



Wet fire

Temp Fire hydrants during construction and Booster

During construction the Fire hydrant system will be managed through temp hydrant line located to compliant locations to the project the fire contractor is to outline a fire hydrant management plan for sign off by FDC site and service teams, noting compliance to relative standards of no more than 2 floors below the leading deck.

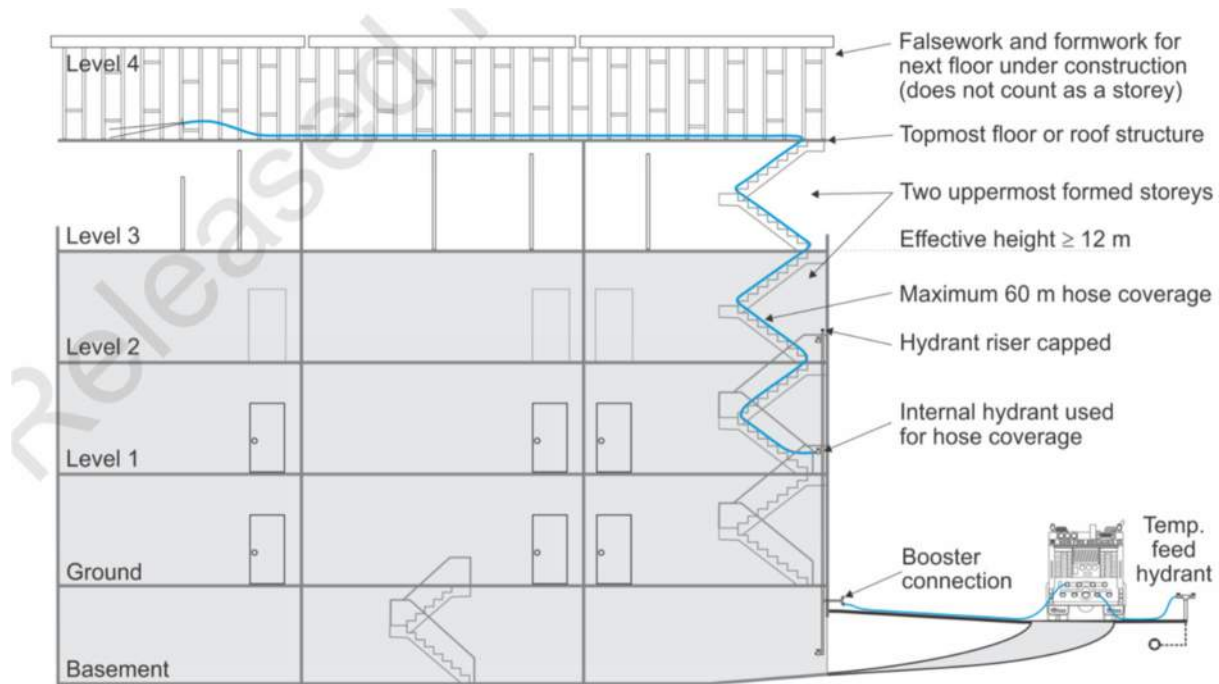


Figure 1 Example of operational fire hydrant system in building under construction

Fire extinguishers

During construction the fire contractor is to supply a management plan for the duration of the build outlining the design, install and service the Temporary fire extinguishers layout to each floor this includes the relocation, tagging and repairs as required to allow construction works to proceed.

- Extinguishers will be located on each floor no more than 2m from any entry and exit points.
- Fire extinguisher will be installed and signage as to current Australian Standards
- Fire extinguishers will be 4.5kg AB(E)
- Fire extinguishes will be deployed to all false work areas



Implementation and management of block and elevation plans

During construction All fire safety documentation will be maintain by the relevant contractors and kept next to the booster assembly within the emergency information box.

These documents consist of the following

- General layout of the current building noting live areas
- Most recent copy of the construction plans
- Current evacuation plans and egress paths
- Fire safety report
- Location of hazards storage
- Block plan
- Hydrant locations plan
- Isolation vales plan



Fire - Dry

Early detection smoke and thermal detectors

Early detection thermals are to be installed into –

- Temp comms room in basement for security cupboard
- Existing DAS rooms
- Overall Slab soffit and lunchrooms/ facilities
- Fire stairs
- Basement/ loading dock entry

Nurse call

Nurse call base station

- Nurse call base station needs to be compatible with phone notification and voice over radio
- Base station must have capacity to receive 23 call points

Nurse call device types

- Call points need to be first aid and evac type and located as to Site establishment plans.
- Manual Fire call points to be implemented as to Site establishment plan



Safe operating zone barriers

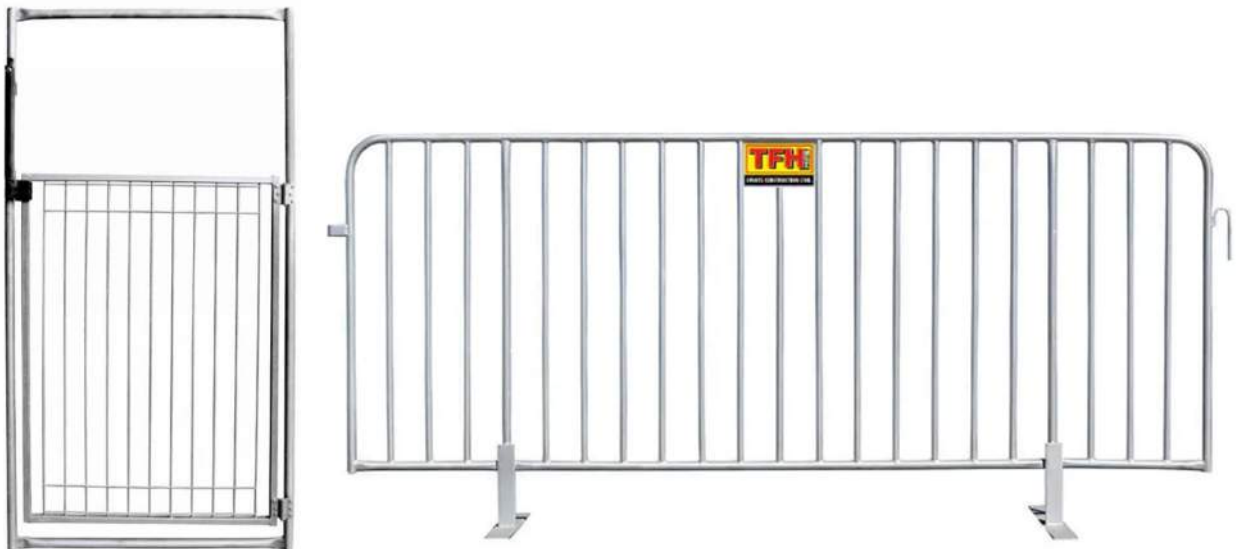
General and EWP safe operating zone Barriers

- Barriers to be implemented when hazards outlined in Risk assessments are present
- Barriers are to be continuous flags with ropes on T bollards and spread no more than 3m apart
- Signage is to be installed clearly outline the type of works date duration and person responsible details - name, Phone number , Company.
- Designated entry point with suitable retractable gate is to be installed as part safe operating zone plan



Safe operating zone barriers – overhead works

- Safe operating barriers to be implemented when hazards outlined in Risk assessments are present while over head work are taking place
- Barriers are to be continues interlocking fencing min 1.1m high
- Signage is to be installed clearly outline the type of works date duration and person responsible details,
 - Name
 - Phone number
 - Company
- Designated entry point with suitable locking gate is to be installed as part safe operating zone plan.



Edge protection

Perimeter Handrails

Perimeter handrail are to be installed where a risk of falling is greater than 800mm.

- Perimeter handrails are to be 1000mm or greater
- Where perimeter handrails are installed 20X20 fibre mech is to be installed up to underside of slab and affixed to the perimeter handrail.
- Not holes greater than 20mm is to be in handrail

- Debre mesh is to be used where fencing is closer than 40mm form slab edge



Perimeter and internal scaffold

Perimeter scaffold is to be installed to all floors where screens are not installed.

- Scaffold to have a working weight 675kg per working deck
- Scaffold to have fire retardant chain and mesh to all external faces
- Scaffold to have 1m clear access in bays and double hob ups
- Scaffold decks to be 2m intervals
- Scaffold to have access stair to Erskine street and Stretcher stair to Clarence street
- Scaffold to be compliant to relevant Aust standards
- For mor information please refer to FDC edge protection guidance notes

Site access control system





Site access point will be from Clarence street through site turnstile

All workers and visitors will pass through turnstiles to access site.



All trades to provide compliance to relevant codes and standards for temps. FDC has provided indicative layouts only as noted on the plan.

Site Establishment key plan		
Item	Description	Item reference symbol
001	Type A switch board 10amp DGPO	
002	Type B switch board 10amp DGPO and 64amp 3 phase power socket	
003	Main switch board feed form Substation	
004	Low voltage lighting	
005	Compliant exit running man feed from Lighting low voltage system	
006	Crane led flood light for leading deck	
007	Hose tap location	
008	Bubbler location	
009	Temp toilet location	
010	Fire extinguisher Location	
011	Fire hose reel and Fire hydrant landing Valve	
012	Fire hydrant booster location	
013	Emergency information Box	
014	Nurse call point	
015	Egress path	
016	Access stair	
017	Stretcher stair	

018	Man, and material hoist location	
019	Materials Hoist location	
020	Turn stile	
021	Wash station	



- Construction
- Fitout
- Refurbishment
- Mechanical

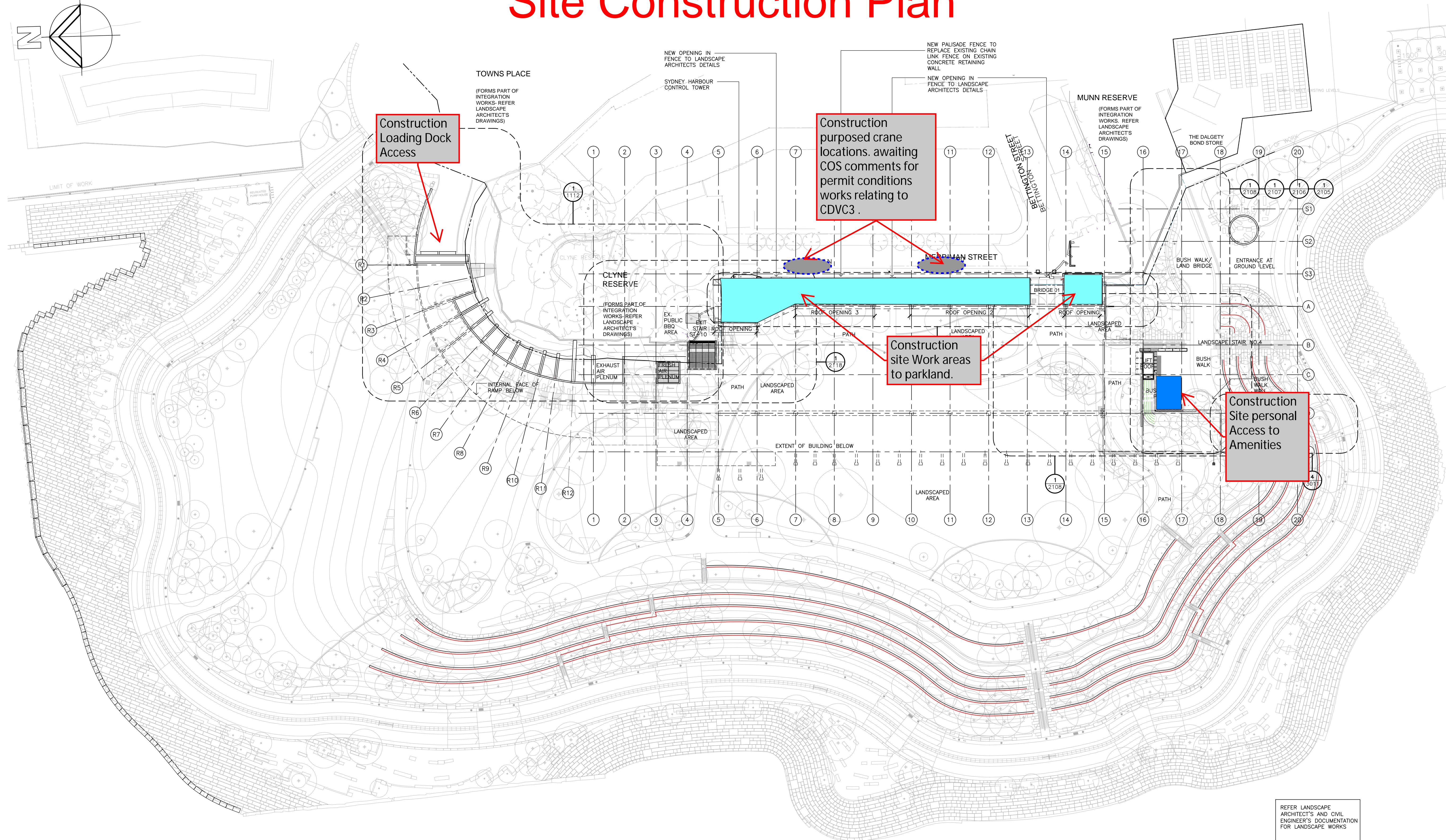
Local Focus. National Strength.
Personal Touch.

Sydney (Head Office)
22-24 Junction Street
Forest Lodge, NSW 2037
Australia

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enq@fdcbuilding.com.au



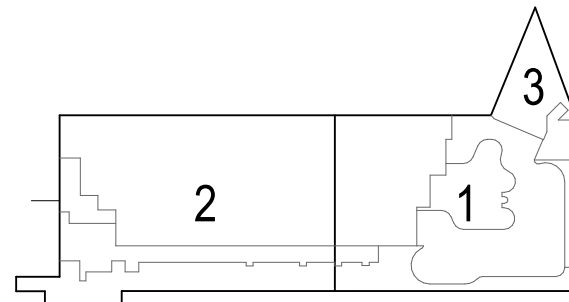
3.0 Appendix B – Construction Plans



Ground Floor Temps

- General notes**
- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
 - All levels relative to 'Australian Height Datum'.
 - Do not scale drawings.
 - Use figured dimensions only.

Legend



- ALL EXISTING WALLS AND COLUMNS ARE NOTED IN BLACK U.N.O.
- EXISTING ZONE NOT SUBJECT TO MODIFICATIONS
- 1.5HR CLASS 5 COMPARTMENT (COMMERCIAL) GENERALLY 2HR CONSTRUCTION U.N.O.

- 2HR CLASS 7a COMPARTMENT (CARPARK) GENERALLY 2HR CONSTRUCTION U.N.O.
- 3HR CLASS 6 COMPARTMENT (RETAIL) GENERALLY 3HR CONSTRUCTION U.N.O.
- 2HR GENERALLY 2HR CONSTRUCTION U.N.O. INCLUDES COMPARTMENTATION OF:
- ELECTRICAL SUPPLY SYSTEM
 - EQUIPMENT REQUIRING FIRE SEPARATION
 - LIFT SHAFTS
 - FIRE ISOLATED STAIRWAYS
 - FIRE CONTROL ROOM
 - VENTILATION SHAFTS THROUGH COMPARTMENTS

- FIRE RATED LINE (WALLS AND DOORS). REFER TO ZONE FOR FRL
- NOTE:** Existing walls assumed to match required FRLs. Subcontractors to verify wall thicknesses on site.

- FRL DESCRIPTION**
- 180/180/180 Fire Walls and Loadbearing elements
 - 120/120/120 Fire Walls and Loadbearing elements
 - ~ /120/120 Non-loadbearing elements
 - 90/90/90 Fire Walls and Loadbearing elements

- 120/30 AUTOMATIC SLIDING FIRE DOOR
- LIFT DOORS TO ACHIEVE ~60/- FRL AS PER BCA CLAUSE C3.10

- FIRE CURTAIN TO ACHIEVE ~120/- FRL AND SMOKE SEPARATION IN ACCORDANCE WITH FEBQ V1 ISSUE No 8

- Emergency Lit
- Fire collar, fire damper or fire pillow to maintain the required FRL achieved by concrete slab
- Part of the Building required to be equipped with a Sprinkler protection System as per BCA Clause E1.5 For detailed sprinkler layouts refer to Fire Services engineering drawings
- Designated Egress
- Fire Door

THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

Fire Compartment Plans
Ground Floor

Scale
1:200 @ B1

Project Code
BCY

First Issued
18/5/2023

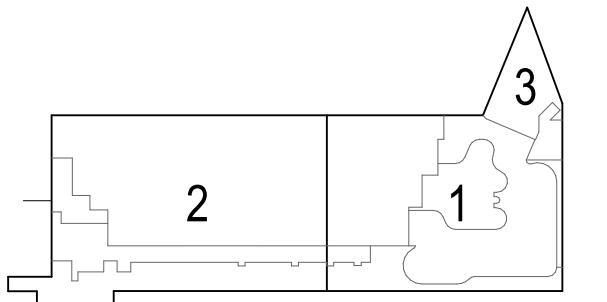
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02

Ground Floor RCP Temps

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- FIRE ISOLATED STAIRWAYS
- FIRE CONTROL ROOM
- VENTILATION SHAFTS THROUGH COMPARTMENTS

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NOTE: Existing walls assumed to match required FRLs. Subcontractors to verify wall thicknesses on site.

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120/120/120	Fire Walls and Loadbearing elements
~ /120/120	Non-loadbearing elements
90/90/90	Fire Walls and Loadbearing elements

120/30 AUTOMATIC SLIDING FIRE DOOR
LIFT DOORS TO ACHIEVE ~160/- FRL AS PER BCA CLAUSE C3.10

FIRE CURTAIN TO ACHIEVE ~120/- FRL AND SMOKE SEPARATION IN ACCORDANCE WITH FEBQ V1 ISSUE No 8

Emergency Lit

Fire collar, fire damper or fire pillow to maintain the required FRL achieved by concrete slab

Part of the Building required to be equipped with a Sprinkler protection System as per BCA Clause E1.5 For detailed sprinkler layouts refer to Fire Services engineering drawings

Designated Egress

Fire Door

we are insw
Infrastructure
New South Wales

02 18/5/2023 Issue for 80% Tender Documentation CHS

01 18/5/2023 Issue for Coordination CHS

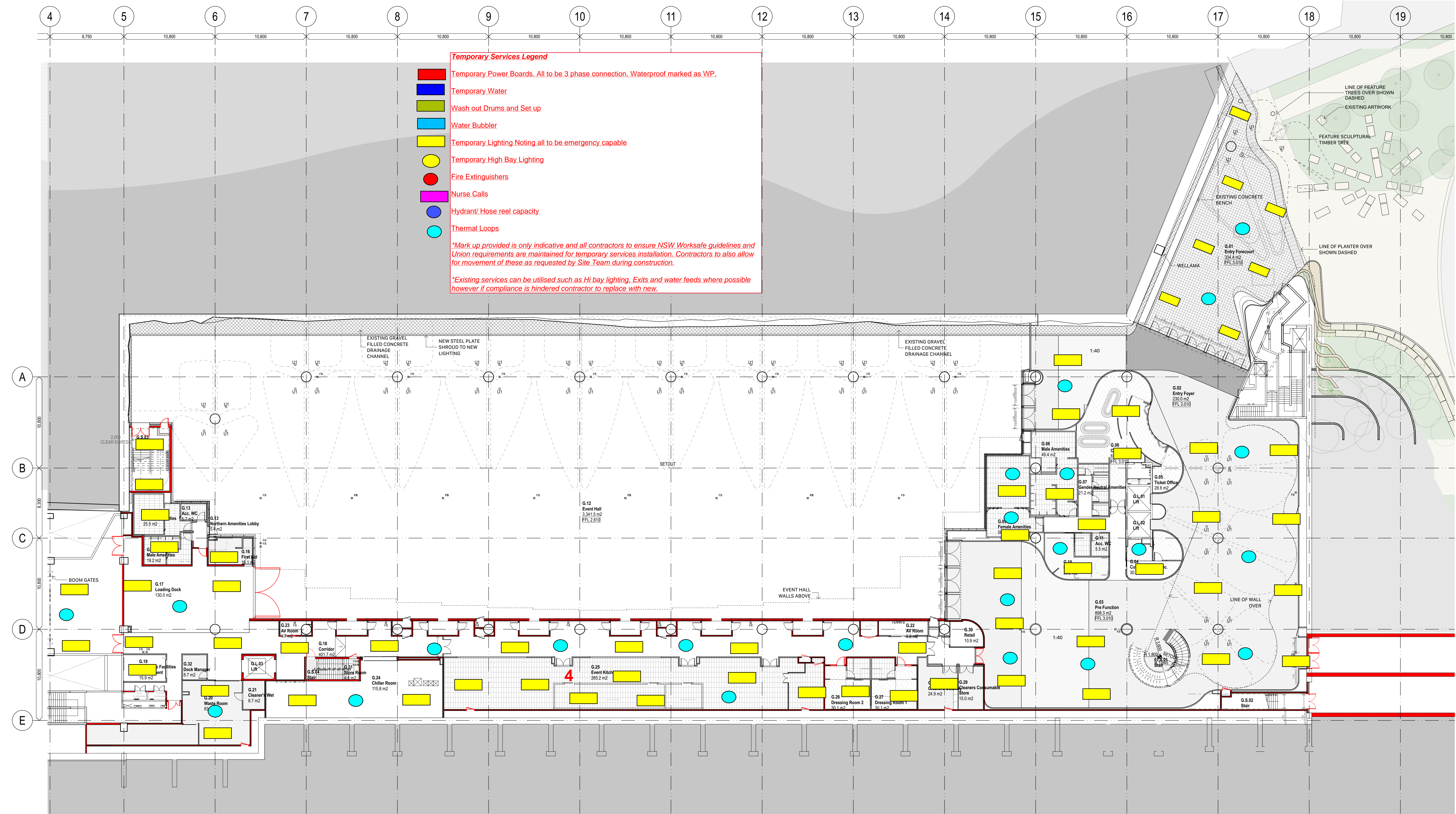
Rev Date Description By Chk

THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

Fire Compartment Plans Scale
Ground Floor 1:200 @ B1

Project Code First Issued
BCY 18/5/2023

Sheet No. Rev
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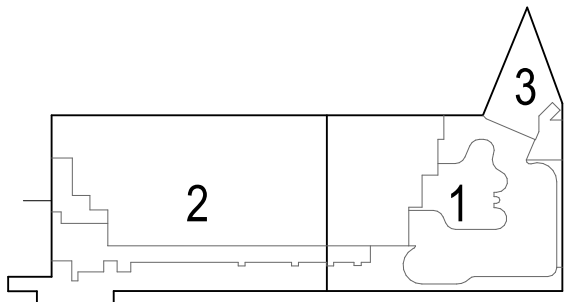


1 PLAN 2F000 - Ground Floor
1:200

Level 1 Floor Temps

- General notes**
- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
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Legend



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LIFT DOORS TO ACHIEVE ~160/- FRL AS PER BCA CLAUSE C3.10

FIRE CURTAIN TO ACHIEVE ~120/- FRL AND SMOKE SEPARATION IN ACCORDANCE WITH FEBQ v1 ISSUE No 8

Emergency Lit

Fire collar, fire damper or fire pillow to maintain the required FRL achieved by concrete slab

Part of the Building required to be equipped with a Sprinkler protection System as per BCA Clause E1.5 For detailed sprinkler layouts refer to Fire Services engineering drawings

Designated Egress

Fire Door

02	18/5/2023	Issue for 80% Tender Documentation	CHS
01	18/5/2023	Issue for Coordination	CHS

Rev	Date	Description	By	Chk
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THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

Fire Compartment Plans
Level 1

Scale
1:200 @ B1

Project Code
BCY

First Issued
18/5/2023

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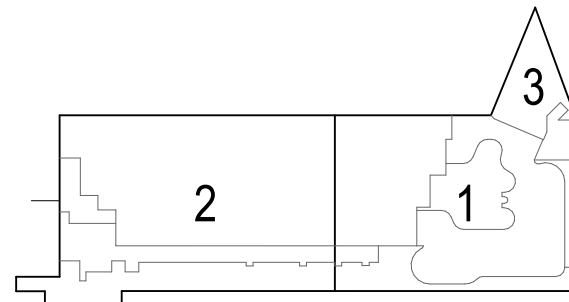
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Level 1 RCP Temps

General notes

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3HR CLASS 6 COMPARTMENT (RETAIL) GENERALLY 3HR CONSTRUCTION U.N.O.

2HR GENERALLY 2HR CONSTRUCTION U.N.O. INCLUDES COMPARTMENTATION OF:

- ELECTRICAL SUPPLY SYSTEM
- LIFT SHAFTS
- FIRE ISOLATED STAIRWAYS
- FIRE CONTROL ROOM
- VENTILATION SHAFTS THROUGH COMPARTMENTS

FIRE RATED LINE (WALLS AND DOORS). REFER TO ZONE FOR FRL

NOTE: Existing walls assumed to match required FRLs. Subcontractors to verify wall thicknesses on site.

FRL	DESCRIPTION
180/180/180	Fire Walls and Loadbearing elements
120/120/120	Fire Walls and Loadbearing elements
- /120/120	Non-loadbearing elements
90/90/90	Fire Walls and Loadbearing elements

120/30 AUTOMATIC SLIDING FIRE DOOR LIFT DOORS TO ACHIEVE -160/- FRL AS PER BCA CLAUSE C3.10

FIRE CURTAIN TO ACHIEVE -120/- FRL AND SMOKE SEPARATION IN ACCORDANCE WITH FEBQ v1 ISSUE No 8

Emergency Lit

Fire collar, fire damper or fire pillow to maintain the required FRL achieved by concrete slab

Part of the Building required to be equipped with a Sprinkler protection System as per BCA Clause E1.5 For detailed sprinkler layouts refer to Fire Services engineering drawings

Designated Egress

Fire Door

02	18/5/2023	Issue for 80% Tender Documentation	CHS
01	18/5/2023	Issue for Coordination	CHS

Rev	Date	Description	By	Chk
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THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

Fire Compartment Plans
Level 1

Scale
1:200 @ B1

Project Code
BCY

First Issued
18/5/2023

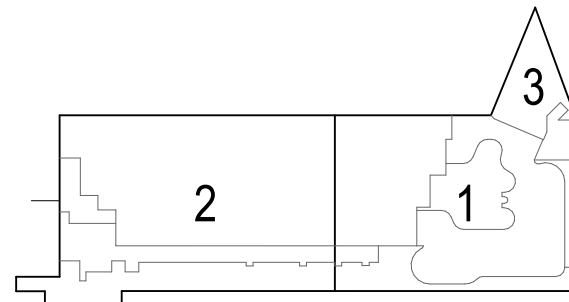
Sheet No.
2F001

Rev
02

Level 2 Floor Temps

- General notes**
- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
 - All levels relative to 'Australian Height Datum'.
 - Do not scale drawings.
 - Use figured dimensions only.

Legend



ALL EXISTING WALLS AND COLUMNS ARE NOTED IN BLACK U.N.O.

EXISTING ZONE NOT SUBJECT TO MODIFICATIONS

1.5HR CLASS 5 COMPARTMENT (COMMERCIAL) GENERALLY 2HR CONSTRUCTION U.N.O.

2HR CLASS 7a COMPARTMENT (CARPARK) GENERALLY 2HR CONSTRUCTION U.N.O.

3HR CLASS 6 COMPARTMENT (RETAIL) GENERALLY 3HR CONSTRUCTION U.N.O.

2HR GENERALLY 2HR CONSTRUCTION U.N.O. INCLUDES COMPARTMENTATION OF:
- ELECTRICAL SUPPLY SYSTEM
- LIFT SHAFTS
- FIRE ISOLATED STAIRWAYS
- FIRE CONTROL ROOM
- VENTILATION SHAFTS THROUGH COMPARTMENTS

FIRE RATED LINE (WALLS AND DOORS). REFER TO ZONE FOR FRL

NOTE: Existing walls assumed to match required FRLs. Subcontractors to verify wall thicknesses on site.

FRL	DESCRIPTION
180/180/180	Fire Walls and Loadbearing elements
120/120/120	Fire Walls and Loadbearing elements
- /120/120	Non-loadbearing elements
90/90/90	Fire Walls and Loadbearing elements

120/30 AUTOMATIC SLIDING FIRE DOOR
LIFT DOORS TO ACHIEVE -160/- FRL AS PER BCA CLAUSE C3.10

FIRE CURTAIN TO ACHIEVE -120/- FRL AND SMOKE SEPARATION IN ACCORDANCE WITH FEBQ V1 ISSUE No 8

Emergency Lit

Fire collar, fire damper or fire pillow to maintain the required FRL achieved by concrete slab

Part of the Building required to be equipped with a Sprinkler protection System as per BCA Clause E1.5 For detailed sprinkler layouts refer to Fire Services engineering drawings

Designated Egress

Fire Door

02	18/05/2023	Issue for 80% Tender Documentation	CHS
01	18/05/2023	Issue for Coordination	CHS

Rev	Date	Description	By	Chk
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THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

Fire Compartment Plans
Level 2

Scale
1:200 @ B1

Project Code
BCY

First Issued
18/5/2023

Sheet No.
2F002

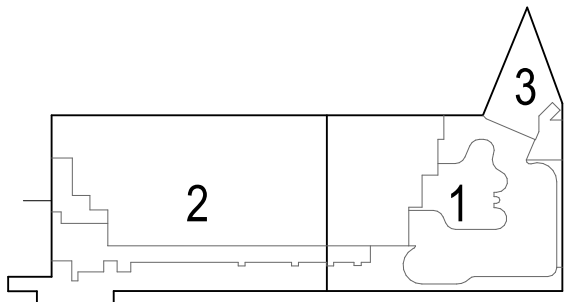
Rev
02

Level 2 RCP Temps

General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.
- Use figured dimensions only.

Legend



ALL EXISTING WALLS AND COLUMNS ARE NOTED IN BLACK U.N.O.

EXISTING ZONE NOT SUBJECT TO MODIFICATIONS

1.5HR CLASS 5 COMPARTMENT (COMMERCIAL) GENERALLY 2HR CONSTRUCTION U.N.O.

2HR CLASS 7a COMPARTMENT (CARPARK) GENERALLY 2HR CONSTRUCTION U.N.O.

3HR CLASS 6 COMPARTMENT (RETAIL) GENERALLY 3HR CONSTRUCTION U.N.O.

2HR GENERALLY 2HR CONSTRUCTION U.N.O. INCLUDES COMPARTMENTATION OF:
- ELECTRICAL SUPPLY SYSTEM
- LIFT SHAFTS
- FIRE ISOLATED STAIRWAYS
- FIRE CONTROL ROOM
- VENTILATION SHAFTS THROUGH COMPARTMENTS

FIRE RATED LINE (WALLS AND DOORS). REFER TO ZONE FOR FRL

NOTE: Existing walls assumed to match required FRLs. Subcontractors to verify wall thicknesses on site.

FRL	DESCRIPTION
180/180/180	Fire Walls and Loadbearing elements
120/120/120	Fire Walls and Loadbearing elements
- /120/120	Non-loadbearing elements
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120/30 AUTOMATIC SLIDING FIRE DOOR
LIFT DOORS TO ACHIEVE -160/- FRL AS PER BCA CLAUSE C3.10

FIRE CURTAIN TO ACHIEVE -120/- FRL AND SMOKE SEPARATION IN ACCORDANCE WITH FEBQ V1 ISSUE No 8

Emergency Lit

Fire collar, fire damper or fire pillow to maintain the required FRL achieved by concrete slab

Part of the Building required to be equipped with a Sprinkler protection System as per BCA Clause E1.5 For detailed sprinkler layouts refer to Fire Services engineering drawings

Designated Egress

Fire Door

02	18/05/2023	Issue for 80% Tender Documentation	CHS
01	18/05/2023	Issue for Coordination	CHS

Rev	Date	Description	By	Chk
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THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

Fire Compartment Plans
Level 2

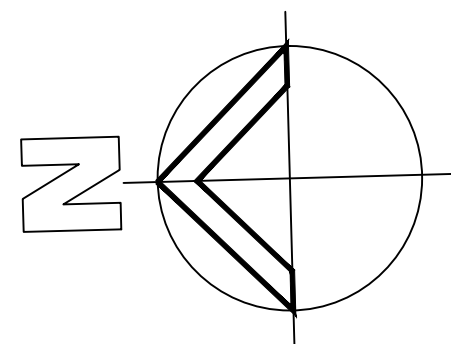
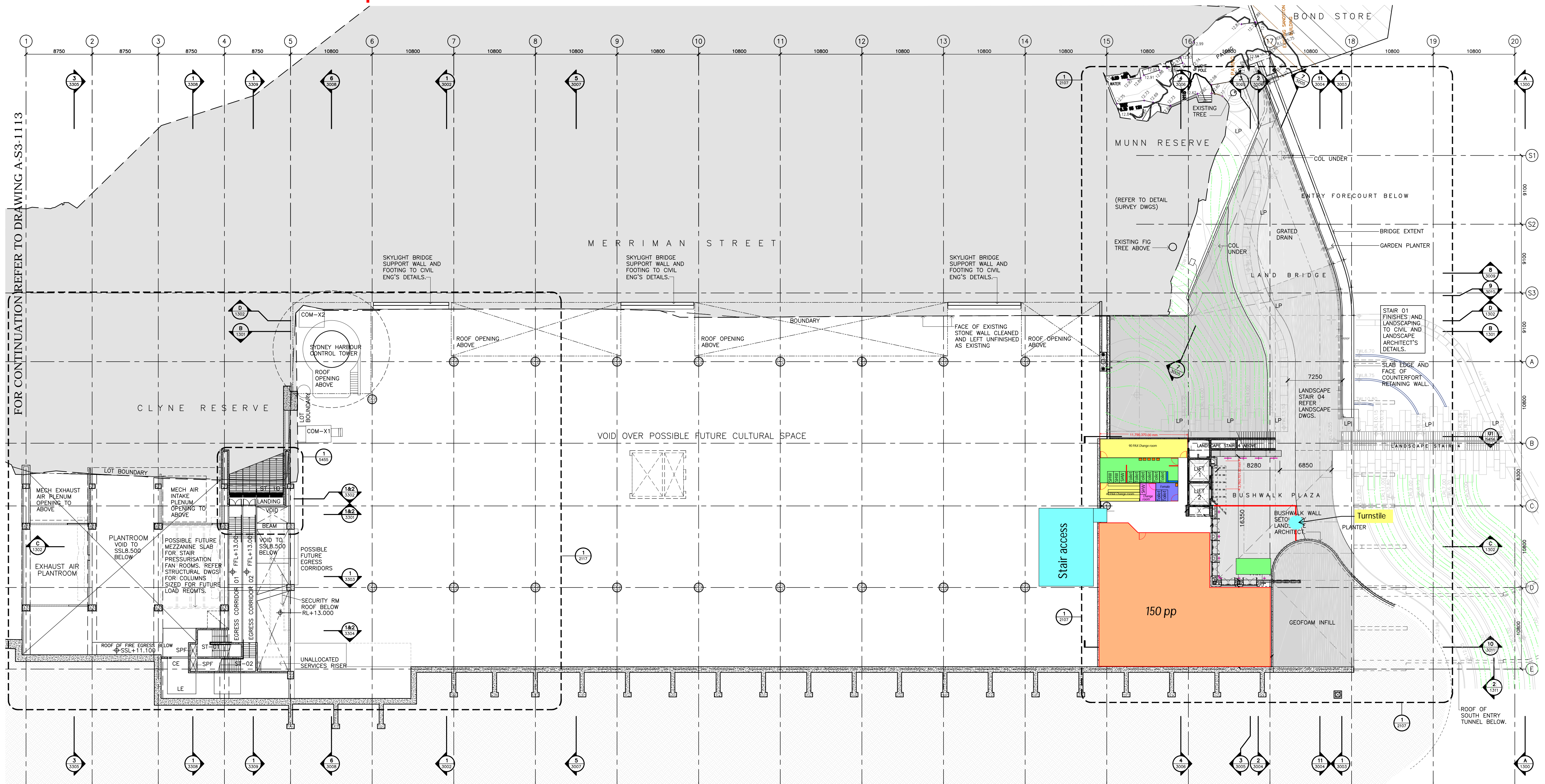
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Project Code
BCY

First Issued
18/5/2023


Sheet No.
2F002

Rev
02

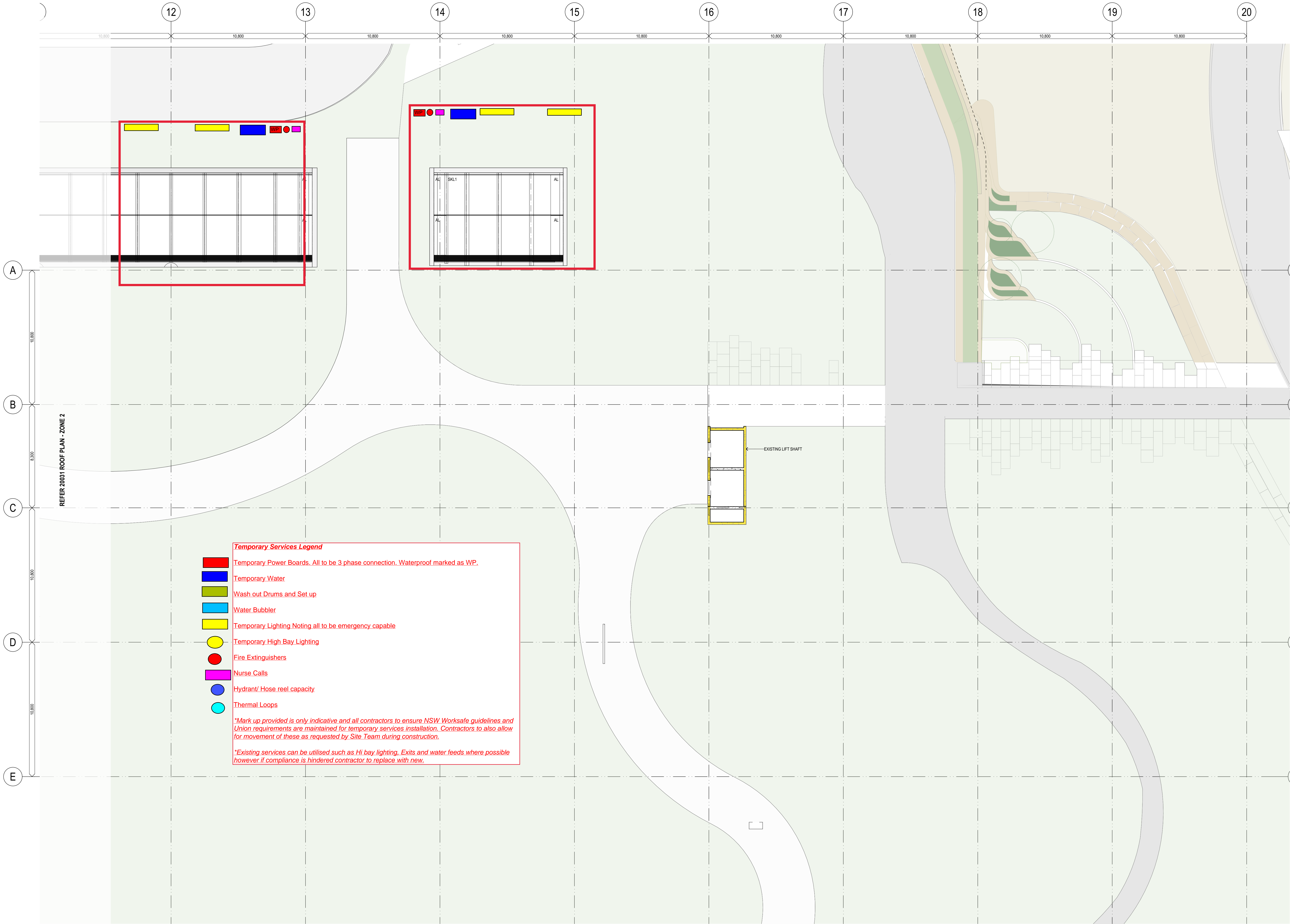


1 GENERAL ARRANGEMENT PLAN
RL 13.00 LEVEL 1:250

AS BUILT

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South Street Level Temps

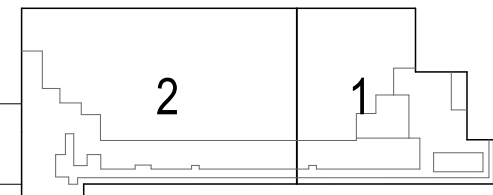


1 PLAN Roof
1:125

General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.
- Use figured dimensions only.

Legend



NOTES

DESIGN RESOLUTION

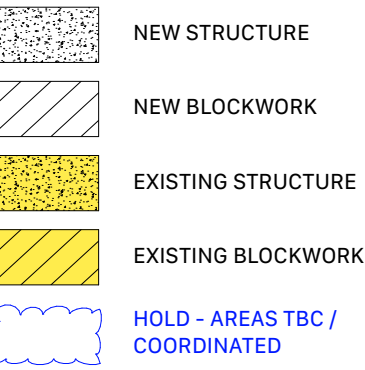
- The dimensions shown are general only and are subject to further design resolution.
- Ceiling RL (where shown) indicates general ceiling design level only.
- Location of plant, equipment and services on drawings is general and indicative, and does not include minor elements, such as vent pipes, flues, aerial, etc.

GRAPHIC PRESENTATION

- Colours presented on drawings are generic only and indicative of the architectural design intent. Some colour distortion may also occur in the printing process.

EXISTING STRUCTURES AND SERVICES

- Extent and location of existing structures and services is according to the available information and will all need to be verified on site at later stage.
- All existing SSL are subject to existing topping thickness confirmation.
- All unchanged existing site levels are as per the existing site conditions.
- Services slab penetrations shown are indicative and will require further coordination.



GENERAL PROJECT CODES

APL Above Floor Level
AHD Australian Height Datum
AP# Access Panel - Type #
ASL Above Structural Slab Level
AUTO Automatic Door
BDY Boundary
BG# Box Cutter - Type #
BIN# Bin - Type #
BMG# Boom Gate
BO# Bollard - Type #
BPR# Bump Rail - Type #
BAL# Balustrade - Type #
BYR# Bicycle Rack - Type #
C-FR Column Fire rated to achieve 120/120/120
CG# Corner Guard - Type #
CL# Cladding - Type #
CON# Concrete - Finish #
CONP# Concrete Precast - Finish #
CPT# Carpet - Type #
CS# Cubicle System - Type #
CT# Ceramic Tile - Type #
CTS Centres (Setout)
D# Door - ID #
DATAE Data Outlet - External
DCM# Dirt Control Mat - Type #
DOW Drainage Outlet - Type #
EXIT Exit Sign
FCL Finished Ceiling Level
FE# Fire Extinguisher - Type #
FF Finished Face
FFL Finished Floor Level
FH Fire Hydrant
FHR Fire Hose Reel
FPL Finished Paving Level
FT# Façade - Type #
FW# Floor Waste - Type #
GF# Grated Floor - Type #
GPO General Purpose Outlet
H# Handrail - Type #
L# Lift - ID #
LC# Locker - Type #
LF# Light Fitting - Type #
LV# Louvre - Type #
P# Partition - Type # (Wall Code System only - e.
PC# Paint Colour
RF# Resilient Floor Finish - Type #
ROF# Roofing - Type #
RWO# Rain Water Outlet - Type #
SC# Column - ID #
SE# Seat - Type #
SSL Structural Slab Level
ST# Stone - Type #
STR# Stair - ID #
TGI# Tactile Ground Indicator - Type #
VT# Vinyl Tile - Type #
VU# Vanity Unit - Type #
WPS# Waterproofing System - Type #



03	18/5/2023	Issue for 80% Tender Documentation	CHS
02	18/5/2023	Issue for Coordination	CHS
01	21/4/2023	Backgrounds Issue	CHS

Rev	Date	Description	By	Chk
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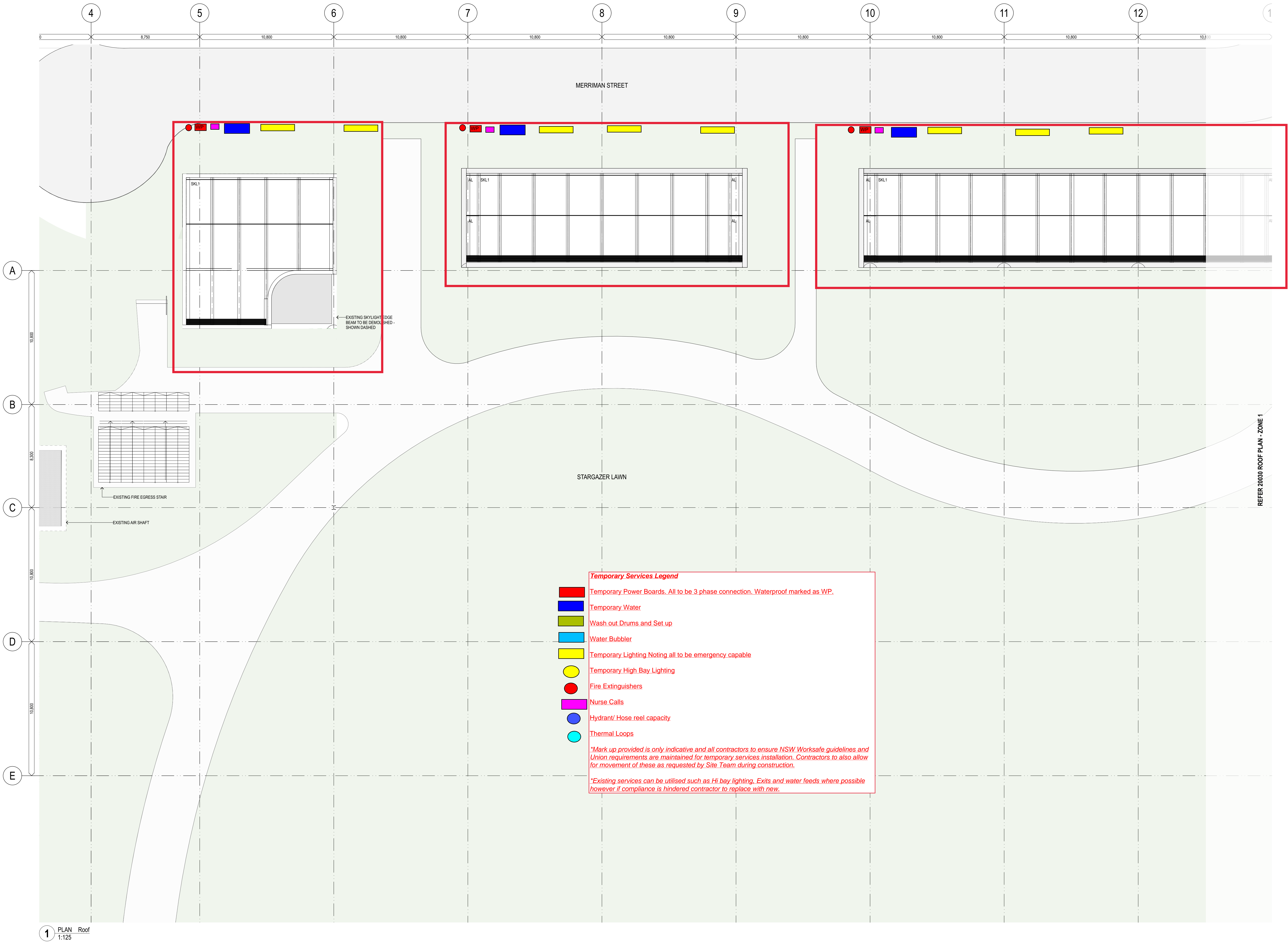
THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

General Arrangement Plans Scale
Roof Plan - Zone 1 1:125 @ B1

Project Code First Issued
BCY 21/4/2023

Sheet No. Rev
20030 03

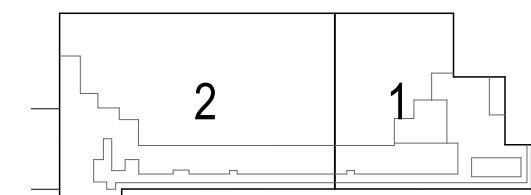
North Street Level Temps



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.
- Use figured dimensions only.

Legend



NOTES

DESIGN RESOLUTION

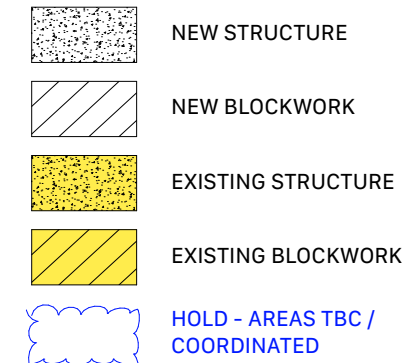
- The dimensions shown are general only and are subject to further design resolution.
- Ceiling RL (where shown) indicates general ceiling design level only.
- Location of plant, equipment and services on drawings is general and indicative, and does not include minor elements, such as vent pipes, flues, aerial, etc.

GRAPHIC PRESENTATION

- Colours presented on drawings are generic only and indicative of the architectural design intent. Some colour distortion may also occur in the printing process.

EXISTING STRUCTURES AND SERVICES

- Extent and location of existing structures and services is according to the available information and will all need to be verified on site at later stage.
- All existing SSL are subject to existing topping thickness confirmation.
- All unchanged existing site levels are as per the existing site conditions.
- Services slab penetrations shown are indicative and will require further coordination.



GENERAL PROJECT CODES

APL Above Floor Level
AHD Australian Height Datum
AP# Access Panel - Type #
ASL Above Structural Slab Level
AUTO Automatic Door
BDY Boundary
BG# Box Cutter - Type #
BIN# Bin - Type #
BMG# Boom Gate
BOL# Bollard - Type #
BPR# Bump Rail - Type #
BAL# Balustrade - Type #
BYR# Bicycle Rack - Type #
C-FR Column Fire rated to achieve 120/120/120
CG# Corner Guard - Type #
CL# Cladding - Type #
CON# Concrete - Finish #
CONP# Concrete Precast - Finish #
CPT# Carpet - Type #
CS# Cubicle System - Type #
CT# Ceramic Tile - Type #
CTS Centres (Setout)
D# Door - ID #
DATAE Data Outlet - External
DCM# Dirt Control Mat - Type #
DO# Drainage Outlet - Type #
EXIT Exit Sign
FCL Finished Ceiling Level
FE# Fire Extinguisher - Type #
FF# Finished Face
FFL Finished Floor Level
FH# Fire Hydrant
FHR Fire Hose Reel
FPL Finished Paving Level
FT# Façade - Type #
FW# Floor Waste - Type #
GF# Grated Floor - Type #
GPO General Purpose Outlet
H# Handrail - Type #
L# Lift - ID #
LC# Locker - Type #
LF# Light Fitting - Type #
LV# Louvre - Type #
P# Partition - Type # (Wall Code System only - e.
PC# Paint Colour
RF# Resilient Floor Finish - Type #
ROF# Roofing - Type #
RWOW Rain Water Outlet - Type #
SC# Column - ID #
SE# Seat - Type #
SSL Structural Slab Level
ST# Stone - Type #
STR# Stair - ID #
TGI# Tactile Ground Indicator - Type #
VT# Vinyl Tile - Type #
VU# Vanity Unit - Type #
WPS# Waterproofing System - Type #

03	18/9/2023	Issue for 80% Tender Documentation	CHS
02	18/9/2023	Issue for Coordination	CHS
01	21/4/2023	Background Issue	CHS

Rev	Date	Description	By	Chk
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THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

General Arrangement Plans
Roof Plan - Zone 2

Scale
1:125 @ B1

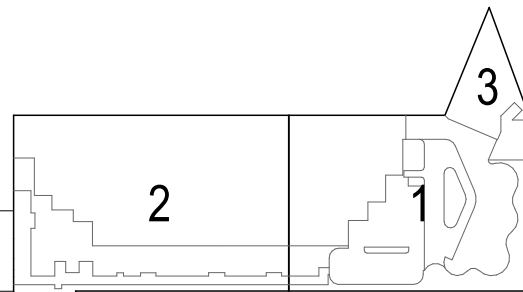
Project Code
BCY

First Issued
21/4/2023

Sheet No.
20031

Rev
03

Legend



DESIGN SPECIFICATION

The dimensions shown are general only and are subject to further design resolution.

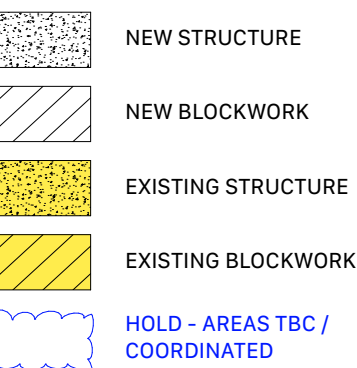
- Ceiling Trl. (where shown) indicates general ceiling design level only.
- Location of plant, equipment and services on drawings are general and indicative and does not include minor elements, such as vent pipes, flues, aerial, etc.

GRAPHIC PRESENTATION

- Colours presented on drawings are generic only and indicative of the architectural design intent. Some colour distortion may also occur in the printing process.

EXISTING STRUCTURES AND SERVICES

- Extent and location of existing structures and services is according to the available information and will all need to be verified on site at later stage.
- All existing SSl are subject to existing topography thickness confirmation.
- All unchanged existing site levels are as per the existing site condition.
- Services slab penetrations shown are indicative and will require further coordination.



GENERAL PROJECT CODES

AFL Above Floor Level
 AUD Australian High Speed Datum
 AXP Access Panel - Type #
 ASSL Above Structural Slab - Type #
 AUT Automatic Door
 BVD Boundary
 BG Box Gutter - Type #
 BGN Bin - Type #
 BMR Room Case
 BRR Bolt - Type #
 BRP Ramp Rail - Type #
 BRB Rail - Type #
 BRC Bicycle Rack - Type #
 C-FR Concrete Floor fire rated to achieve 120/120/120
 C-CL Ceiling - Type #
 COM Concrete - Finish #
 CPM Concrete Precast - Finish #
 CPT Ceramic Tile - Type #
 CSC Cubicle System - Type #
 CPT Carpet Tile - Type #
 CTS Centres (Setout)
 DC Door - Type #
 DCE Data Outlet - External
 DCM Direct Control Mat - Type #
 DDO Drainage Outlet - Type #
 DXT Exit
 FCE Finished Ceiling Level
 FER Fire Extinguisher - Type #
 FFI Finished Floor
 FHL Finished Floor Level
 FH Fire Hydrant
 FHR Fire Hose Reel
 FPL Finished Paving Level
 FTL Facade - Type #
 FW Floor Waste - Type #
 GF Grated Floor - Type #
 GPO General Purpose Outlet
 HND Handrail - Type #
 L Lift - D - Type #
 LK Locker - Type #
 LF Light Fitting - Type #
 LV Louvre - Type #
 LP Partition - Type # (Wall Code System only -
 PC Paint Colour
 RFR Resilient Floor Finish - Type #
 RO Roofing - Type #
 ROW Rain Water Outlet - Type #
 SSC Solum - D - Type #
 SS Seat - Type #
 SSR Structural Steel Solum
 ST Stone - Type #
 STN Stair - D - Type #
 TGP Tactile Ground Indicator - Type #
 VT Vinyl Tile - Type #
 VU Vanity Unit - Type #
 WPS Waterproofing System - Type #

04	18/5/2023	Issue for 90% Tender Documentation	CHS
03	18/5/2023	Issue for Coordination	CHS
02	21/4/2023	Backgrounds Issue	CHS
01	10/3/2023	Issue	CHS

Rev	Date	Description	By	Ch
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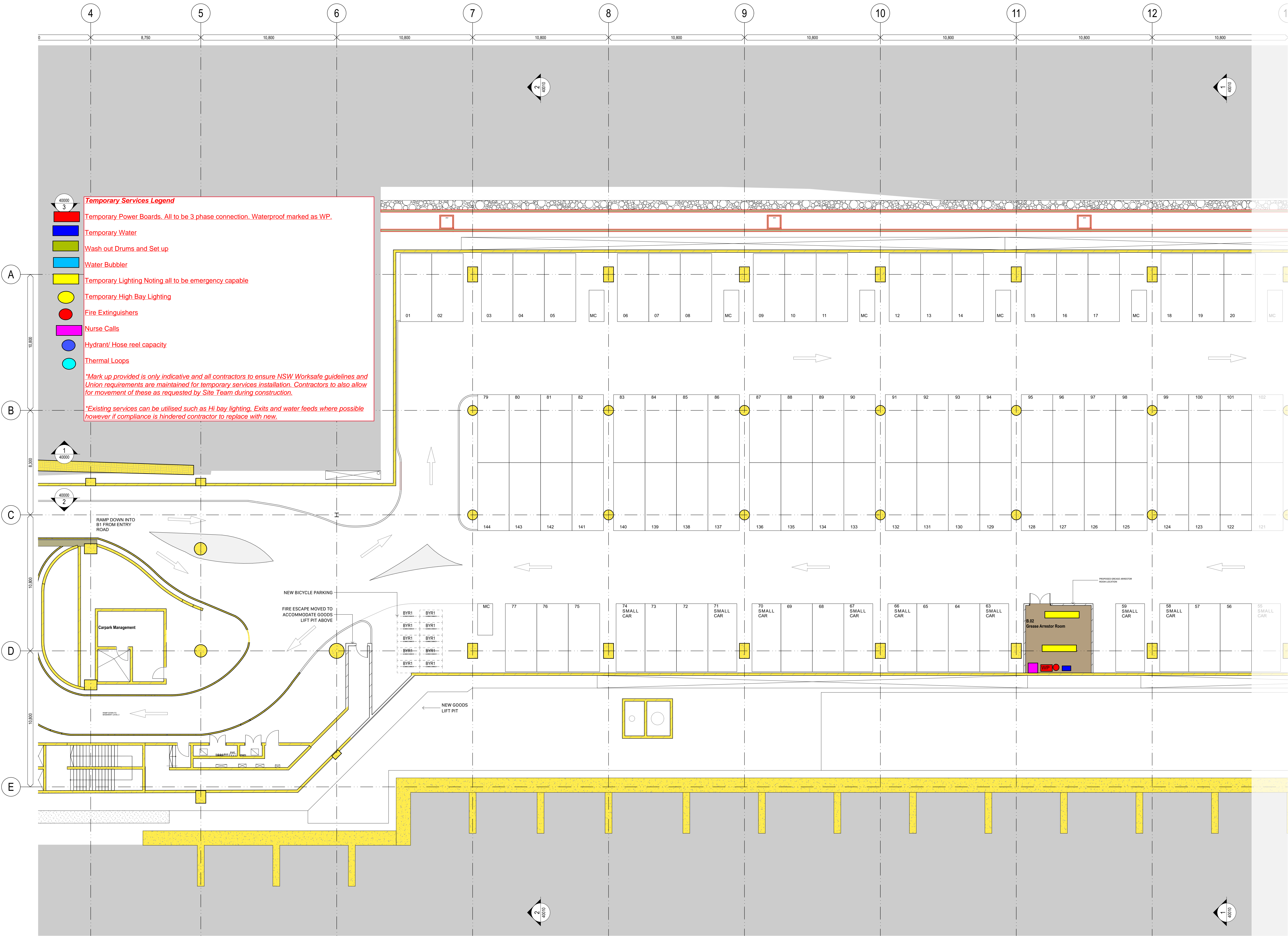
THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

General Arrangement Plans **Scale**
Basement Plan - Zone 1 1:125 @ B

Project Code	First Issue
BCY	10/3/2021

Sheet No.	Revised
20040	0.

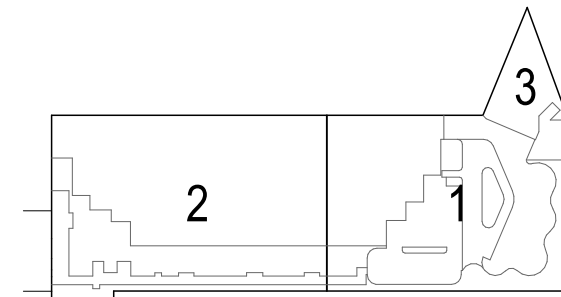
Basement Floor Temps



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.
- Use figured dimensions only.

Legend



NOTES

DESIGN RESOLUTION

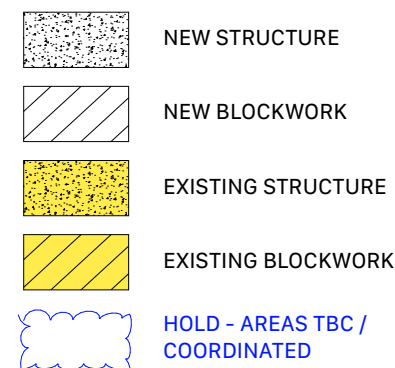
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GRAPHIC PRESENTATION

- Colours presented on drawings are generic only and indicative of the architectural design intent. Some colour distortion may also occur in the printing process.

EXISTING STRUCTURES AND SERVICES

- Extent and location of existing structures and services is according to the available information and will all need to be verified on site at later stage.
- All existing SSL are subject to existing topping thickness confirmation.
- All unchanged existing site levels are as per the existing site conditions.
- Services slab penetrations shown are indicative and will require further coordination.



GENERAL PROJECT CODES

AFL Above Floor Level
AHD Australian Height Datum
AP# Access Panel - Type #
ASSL Above Structural Slab Level
AUTO Automatic Door
BDY Boundary
BGF Box Cutter - Type #
BNM Bin - Type #
BMG# Boom Gate
BOL# Bollard - Type #
BPR# Bump Rail - Type #
BAL# Balustrade - Type #
BYRM Bicycle Rack - Type #
C-FR Column Fire rated to achieve 120/120/120
CG# Corner Guard - Type #
CL# Cladding - Type #
CON# Concrete - Finish #
CONP# Concrete Precast - Finish #
CPT# Carpet - Type #
CS# Cubicle System - Type #
CT# Ceramic Tile - Type #
CTS Centres (Setout)
D# Door - ID #
DATA# Data Outlet - External
DCM# Dirt Control Mat - Type #
DOW Drainage Outlet - Type #
EXIT Exit Sign
FCL Finished Ceiling Level
FE# Fire Extinguisher - Type #
FF Finished Face
FPL Finished Floor Level
FH Fire Hydrant
FHR Fire Hose Reel
FPL Finished Paving Level
FT# Façade - Type #
FW# Floor Waste - Type #
GF# Grated Floor - Type #
GPO General Purpose Outlet
H# Handrail - Type #
L# Lift - ID #
LC# Locker - Type #
LF# Light Fitting - Type #
LV# Louvre - Type #
P# Partition - Type # (Wall Code System only - e.
PC# Paint Colour
RF# Resilient Floor Finish - Type #
ROF# Roofing - Type #
RWOW Rain Water Outlet - Type #
SC# Column - ID #
SE# Seat - Type #
SSL Structural Slab Level
ST# Stone - Type #
STR# Stair - ID #
TGI# Tactile Ground Indicator - Type #
VT# Vinyl Tile - Type #
VU# Vanity Unit - Type #
WPS# Waterproofing System - Type #



04	18/02/2023	Issue for 90% Tender Documentation	CHS
03	18/02/2023	Issue for Coordination	CHS
02	21/02/2023	Backgrounds Issue	CHS
01	10/02/2023	Issue	CHS

Rev	Date	Description	By	Chk
-----	------	-------------	----	-----

THE CUTAWAY
1 Merriman Str
Barangaroo NSW 2000

General Arrangement Plans
Basement Plan - Zone 2

Scale
1:125 @ B1

Project Code
BCY

First Issued
10/3/2023

Sheet No.
20041

Rev
04

Aussie LIFT & SHIFT

Ph: 13001HOIST

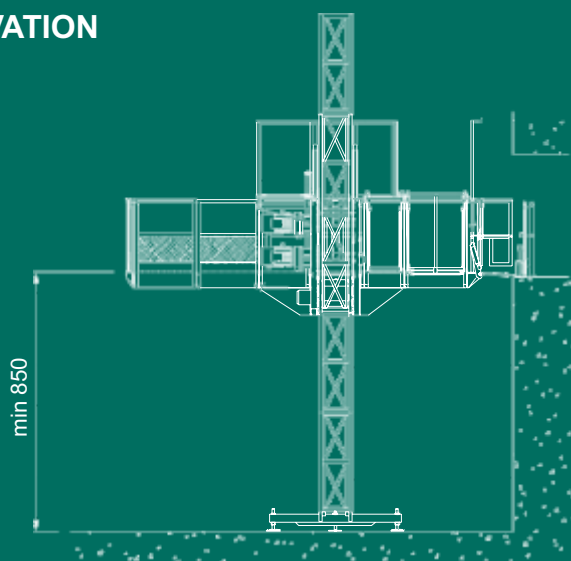
www.aussiehoist.com.au

SYDNEY 12 Loftus St Arncliffe 2205

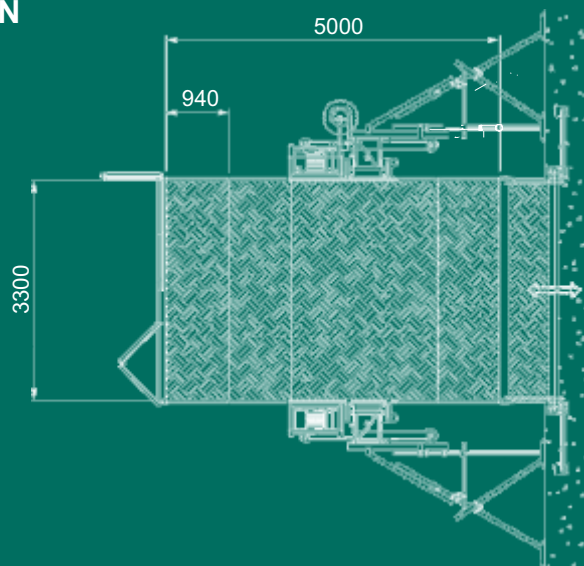
MELBOURNE 59 Tanbridge Way Warranwood 3134

MABER MB3500

ELEVATION



PLAN



Maber Materials Hoists	Capacity (kg)	Platform Size (m)	Ramp Size (m)	Platform height to Ground (mm)	Power Outlet Required	Power Circuit Required	Min Generator	Ground Footprint Required (m)	Min Penetration Size (m)	Mast** Location	3rd ramp size (m)	Stowed Height (m)	Min Door size*** (m)
MB2500	2400	2.1 x 4	2.1 x 1	450	50amp 5pin 415V	Min 16mm ² cable 60A C/B	70KVA 415V	3.2* x 4.2	2.8* x 4.5	Both	n/a	2	3.2 x 2.2
MB3500	3500	3.3 x 5	3.2 x 1	800	50amp 5pin 415V	Min 16mm ² cable 60A C/B	100KVA 415V	5.2* x 5.2	4.8* x 5.4	Both	n/a	2.2	5 x 2.4

*Is distance along the edge of structure. This is the side where materials are offloaded from hoist to building. The other dimension is measured out or away from the building.

** This is specified when standing outside of the building looking towards the building at the location of the hoist (when standing within the building it is opposite).

*** This is with machine either folded up, or separated to the smallest possible component for transport.



4.0 Appendix C – Hoarding Plans

[illegible]

PROPOSED TEMPORARY WORKS
5 TOWNS PLACE, BARANGAROO NSW 2000

GENERAL

- | | |
|----|--|
| G1 | STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION, ARCHITECTURAL, CIVIL & RELEVANT ENGINEERING SERVICES DOCUMENTS AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED. |
| G2 | ALL DIMENSIONS SHOWN SHALL BE VERIFIED ON SITE. ENGINEERS DRAWINGS MUST NOT BE SCALED. |
| G3 | DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION & NO PART SHALL BE OVERSTRESSED. |
| G4 | ALL MATERIALS & WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE SPECIFICATION. |
| G5 | UNLESS OTHERWISE NOTED ALL LEVELS ARE IN METRES & ALL DIMENSIONS ARE IN MILLIMETRES. |
| G6 | U.N.O. DENOTES UNLESS NOTED OTHERWISE. |
| G7 | TERMITE PROTECTION TO AS3660.1 |

FOUNDATIONS

- F1. THIS SITE HAS BEEN ASSUMED TO HAVE AN ALLOWABLE BEARING INTENSITY OF 100 kPa. TO BE CONFIRMED BY A GEOTECHNICAL ENGINEER.

SAFETY IN DESIGN (SID)

- SD1. A SAFETY IN DESIGN RISK ASSESSMENT HAS BEEN COMPLETED FOR THE WORKS AND ALL REASONABLE STEPS HAVE BEEN TAKEN TO ENSURE HAZARDS AND RISKS NORMALLY ASSOCIATED WITH THIS TYPE OF DESIGN HAVE BEEN MITIGATED AND/OR COMMUNICATED.
- SD2. RESIDUAL HAZARDS AND RISKS AND/OR HAZARDS AND RISKS NOT NORMALLY ASSOCIATED WITH THIS TYPE OF WORK WHICH MAY REQUIRE SUBSEQUENT CONSIDERATION AND/OR ACTION ARE NOTED BELOW.

CONSTRUCTION

- C1. EXISTING SERVICES
- CONTRACTOR TO BE AWARE EXISTING SERVICES ARE LOCATED WITHIN THE SITE. LOCATION OF ALL SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WORKS. CONTRACTOR TO CONFIRM WITH RELEVANT AUTHORITY REGARDING MEASURES TO BE TAKEN TO ENSURE SERVICES ARE TURNED OFF AND LOCKED OUT AND/OR PROTECTED.
- C2. LOCATIONS THAT HAVE RESIDUAL RISK ARE INDICATED ON THE PLANS BY THIS SYMBOL:



MAINTENANCE/CLEANING OPERATIONS

- M1. ALL ROOF MEMBERS ARE TO BE SUBJECT TO WIND LOADING ONLY- NO FOOT TRAFFIC IS PERMITTED ON ROOFS.

DECOMMISSIONING/DEMOLITION

- DD1. NO RESIDUAL HAZARDS OR RISKS ARE NOTED FOR MAINTENANCE.
- DD2. IT IS THE CLIENT'S RESPONSIBILITY TO PROVIDE A COPY OF THE STRUCTURAL RISK AND SOLUTIONS REGISTER TO THE PRINCIPAL CONTRACTOR.
- DD3. THE PRINCIPAL CONTRACTOR SHALL UNDERTAKE THEIR OWN ASSESSMENT OF HAZARDS AND ASSOCIATED RISK. THE CONTRACTOR IS REQUIRED TO UNDERTAKE THE WORK IN A SAFE MANNER IN ACCORDANCE WITH RELEVANT GUIDELINES AND LEGISLATION.

STRUCTURAL STEELWORK NOTES

- | | |
|-----|---|
| S1 | ALL MATERIALS, WORKMANSHIP, FABRICATION AND ERECTION SHALL COMPLY WITH THE REQUIREMENTS OF AS4100, AS1538, AS1554 AND THE SPECIFICATION. |
| S2 | UNLESS SHOWN OTHERWISE, ALL STEEL SHALL BE IN ACCORDANCE WITH AS1204 GRADE 300. ALL STEEL HOLLOW SECTIONS SHALL BE GRADE 350 U.N.O. AND SHALL BE IN ACCORDANCE WITH AS1163. ALL PRESSED METAL PURLINS AND GIRTS SHALL BE GRADE 450 STEEL IN ACCORDANCE WITH AS1538 |
| S3 | UNLESS SHOWN OTHERWISE ON THE DRAWINGS, ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH THE FOLLOWING MINIMUM REQUIREMENTS:
(i) ALL WELDS SHALL BE 6MM CONTINUOUS J ALLET WELDS ALL ROUND
(ii) ALL BOLTS SHALL BE M20 - 8.8/S, WITH A MINIMUM OF 2 BOLTS PER CONNECTION. PURLIN BOLTS TO BE M12 - 4.6/S WITH A MINIMUM OF 2 BOLTS PER PURLIN END.
(iii) ALL GUSSET AND CLEAT PLATES SHALL BE 10mm THICK. (U.N.O.)
(iv) ALL CAP PLATES SHALL BE 10 mm THICK. (U.N.O.)
(v) ALL BASE PLATES SHALL BE 10 mm THICK. (U.N.O.) |
| S4 | BOLT DESIGNATION:
4.6/S REFERS TO COMMERCIAL BOLTS OF STRENGTH GRADE 4.6 TO AS1111 TIGHTENED TO A SNUG TIGHT CONDITION.

8.8/S REFERS TO HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS1252 TIGHTENED TO A SNUG TIGHT CONDITION.

8.8/TB REFERS TO HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS1252 FULLY TENSIONED TO AS4100 AS A BEARING JOINT.

8.8/TF REFERS TO HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS1252 FULLY TENSIONED TO AS4100 AS A FRICTION JOINT. |
| S5 | HIGH STRENGTH BOLTED JOINTS SHALL BE IN ACCORDANCE WITH AS1511. THE SPECIFIED BOLT TENSION SHALL BE OBTAINED BY USE OF THE "PART TURN" METHOD OF TIGHTENING. |
| S6 | ALL WELDS SHALL BE SP (SPECIAL PURPOSE) IN ACCORDANCE WITH AS1554. ALL ELECTRODES SHALL BE CLASS E48. ALL BUTT WELDS SHALL BE FULL STRENGTH COMPLETE PENETRATION WELDS. |
| S7 | SUBSTITUTIONS FOR STEEL SECTIONS SHOWN ON DRAWINGS SHALL NOT BE MADE WITHOUT THE APPROVAL OF THE ENGINEER. |
| S8 | ALL STEELWORK BELOW GROUND OR FINISHED SURFACE LEVEL IS TO BE ENCASED IN 75mm MIN. CONCRETE ALL ROUND. |
| S9 | ALL STEELWORK, EXCEPT THAT WHICH IS TO BE CONCRETE ENCASED, FIRE SPRAYED OR CONTACT SURFACES OF FRICTION TYPE JOINTS, SHALL BE SURFACE CLEANED AND PAINTED IN ACCORDANCE WITH THE SPECIFICATION. |
| S10 | STEELWORK THAT IS CONCRETE ENCASED, FIRE SPRAYED OR FACING SURFACES OF FRICTION TYPE JOINTS SHALL BE LEFT UNPAINTED AND FREE FROM SCALE. |
| S11 | THE CONTRACTOR SHALL PROVIDE ALL CLEATS AND DRILL ALL HOLES NECESSARY FOR FIXING STEEL, TIMBER AND OTHER ELEMENTS TO STEEL WHETHER OR NOT DETAILED ON THE DRAWINGS. |
| S12 | THE FABRICATION AND ERECTION OF THE STRUCTURAL STEELWORK SHALL BE SUPERVISED BY QUALIFIED PERSONNEL EXPERIENCED IN SUCH SUPERVISION TO ENSURE THAT ALL REQUIREMENTS OF THE DESIGN ARE MET. DETAILS OF ERECTION SEQUENCE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF ERECTION. |
| S13 | COLUMNS AND MULLIONS SHALL HAVE THEIR BASE PLATES FULLY GROUTED IN ACCORDANCE WITH THE SPECIFICATIONS AFTER PLUMBING AND LEVELING ON STEEL PACKERS. |
| S14 | UNLESS SPECIFIED OTHERWISE, STEELWORK SHALL BE PREPARED TO CLASS 2.5 FINISH IN ACCORDANCE WITH AS1627.4 AND GIVEN TWO (2) COATS OF ZINC PHOSPHATE TO A TOTAL DRY FILM THICKNESS OF 70 MICRONS. |

TIMBER NOTES

1. ALL TIMBER DESIGN AND CONSTRUCTION TO BE TO AS 1720 U.N.O.
2. AS 1684 IS RELEVANT TO DOMESTIC CONSTRUCTION IN SHELTERED LOCATIONS.
3. SOFTWOOD MINIMUM GRADE F7 U.N.O. HARDWOOD MINIMUM GRADE F14 U.N.O.
4. EXTERNAL TIMBER TO BE EITHER HARDWOOD DURABILITY CLASS I OR II OR IMPREGNATED GRADE F7. PRESSURE TREATED TO AS1684 AND RE-DRILLED PRIOR TO USE. SUPPLEMENTARY TREATMENT SHALL BE APPLIED TO ALL CUT SURFACES. PROVIDE DOCUMENTATION.
5. ALL BOLTS IN TIMBER CONSTRUCTION TO BE MIN. M16 U.N.O. BOLT HOLES TO BE DRILLED EXACT SIZE. WASHERS UNDER HEADS AND NUTS TO BE AT LEAST 2.5 TIMES BOLT DIAMETER.
6. FINISHED TIMBER SIZES.
- | | |
|---------------------|------------------------|
| SEASONED SOFTWOOD | +5,-0mm |
| UNSEASONED SOFTWOOD | F7+3,-3mm
F7+2,-4mm |
| SEASONED HARDWOOD | +2,-0mm |
| UNSEASONED HARDWOOD | -3,-3mm |
- (SEE ALSO CLAUSE 1.6.2 IN AS 2082)
7. ALL TIMBER JOINTS AND NOTCHES TO BE 100mm MINIMUM FROM LOOSE KNOTS. SEVERE SLOPING GRAIN, GUM VEINS OR OTHER MINOR DEFECTS.
8. BLOCKING IS NOT REQUIRED FOR JOISTS SPANNING LESS THAN 3m. FOR JOISTS SPANNING GREATER THAN 3m AND LESS THAN 4.2m PROVIDE ONE ROW OF BLOCKING MID-SPAN. FOR JOISTS SPANNING GREATER THAN 4.2m AND UP TO 6.0m PROVIDE TWO ROWS OF BLOCKING AT $\frac{1}{4}$ POINTS. FOR DEEP JOIST FLOORS WHERE A CONTINUOUS TRIMMING JOIST IS NOT PROVIDED AT END OF JOISTS. BLOCKING IS REQUIRED AT 1800 MAXIMUM CENTRES. (REFER TO AS 1684)

WIND DESIGN PARAMETERS
STRUCTURAL IMPORTANCE LEVEL = 2
ARI = 1:100
REGION = A2
$V_{100} = 41\text{m/s}$
TERRAIN CATEGORY = 1.7
SITE WIND SPEED (ULTIMATE) = 38.4 m/s
DESIGN LIFE = TEMPORARY STRUCTURES <5 YEARS

DESIGN LOADS
AWNING LOADS
<u>1.2m WIDE AWNING LOADS (NON-TRAFFICABLE ROOF)</u> DL = 0.1 kPa WL (ULTIMATE) = 1.0 kPa (UPLIFT) WL (ULTIMATE) = 0.36 kPa (DOWN)

Project Address:5 TOWNS PLACE, BARANGAROO NSW 2000

Project Title:PROPOSED TEMPORARY WORKS

Drawing Title:GROUND LEVEL HOARDING PLAN - PART 1

Drawing No:S301


Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	10.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078

PROJECT TITLE:

PROPOSED TEMPORARY WORKS
5 TOWNS PLACE,
BARANGAROO NSW 2000

ARCHITECT:

CLIENT:



BUILDER:





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DRAWING TITLE:

GROUND LEVEL
HOARDING PLAN - PART 1

DRAWING STATUS:

ISSUED FOR CONSTRUCTION

DESIGNED: YM

DAVID ZAITER
BEng(Hons), MIEAust, CPEng NER RPEQ

DRAWN: EE

SCALE SIZE

CHECKED: DZ

As indicated A1

JOB No.
24-3924



DRAWING No.
S301

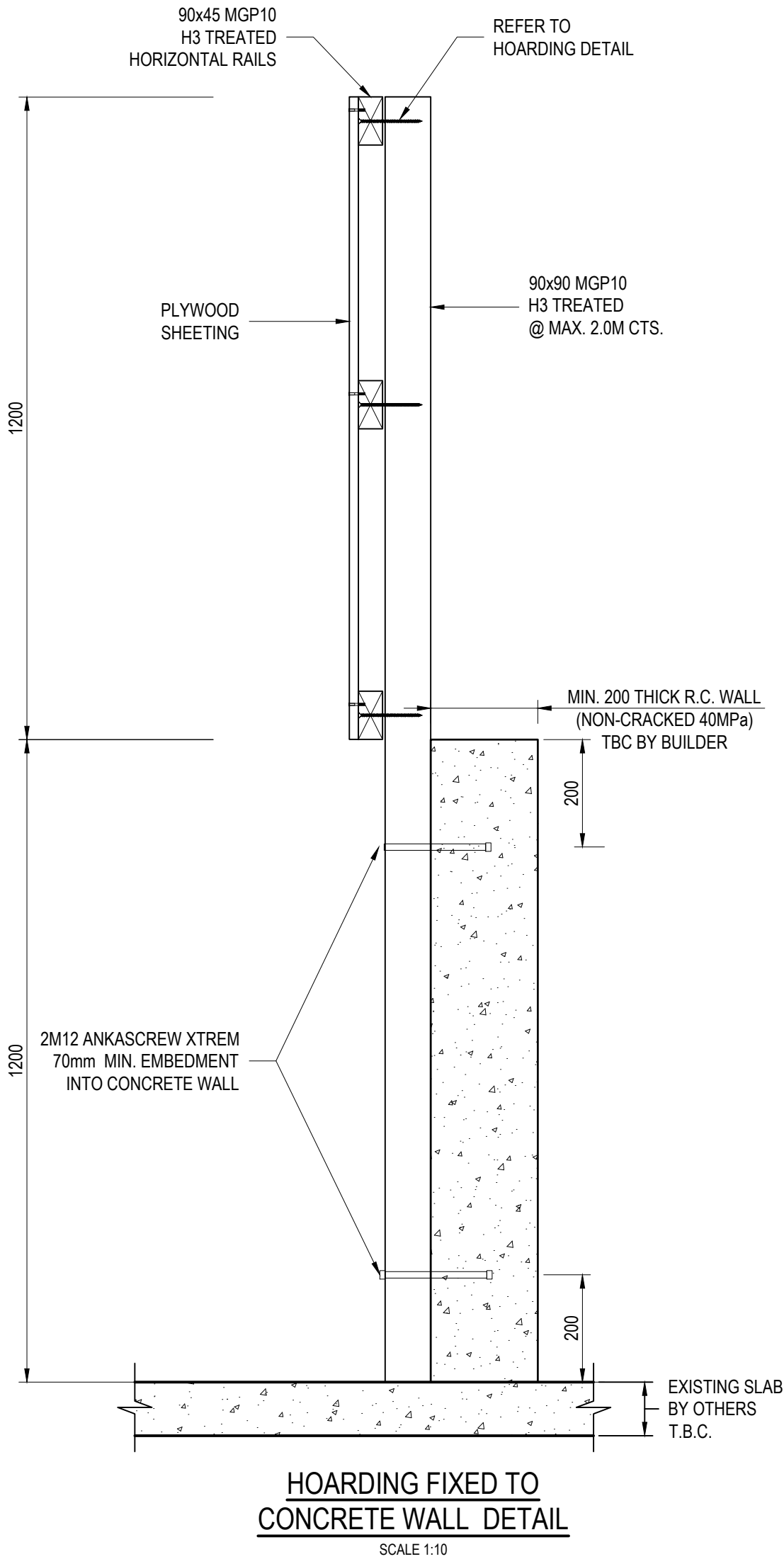
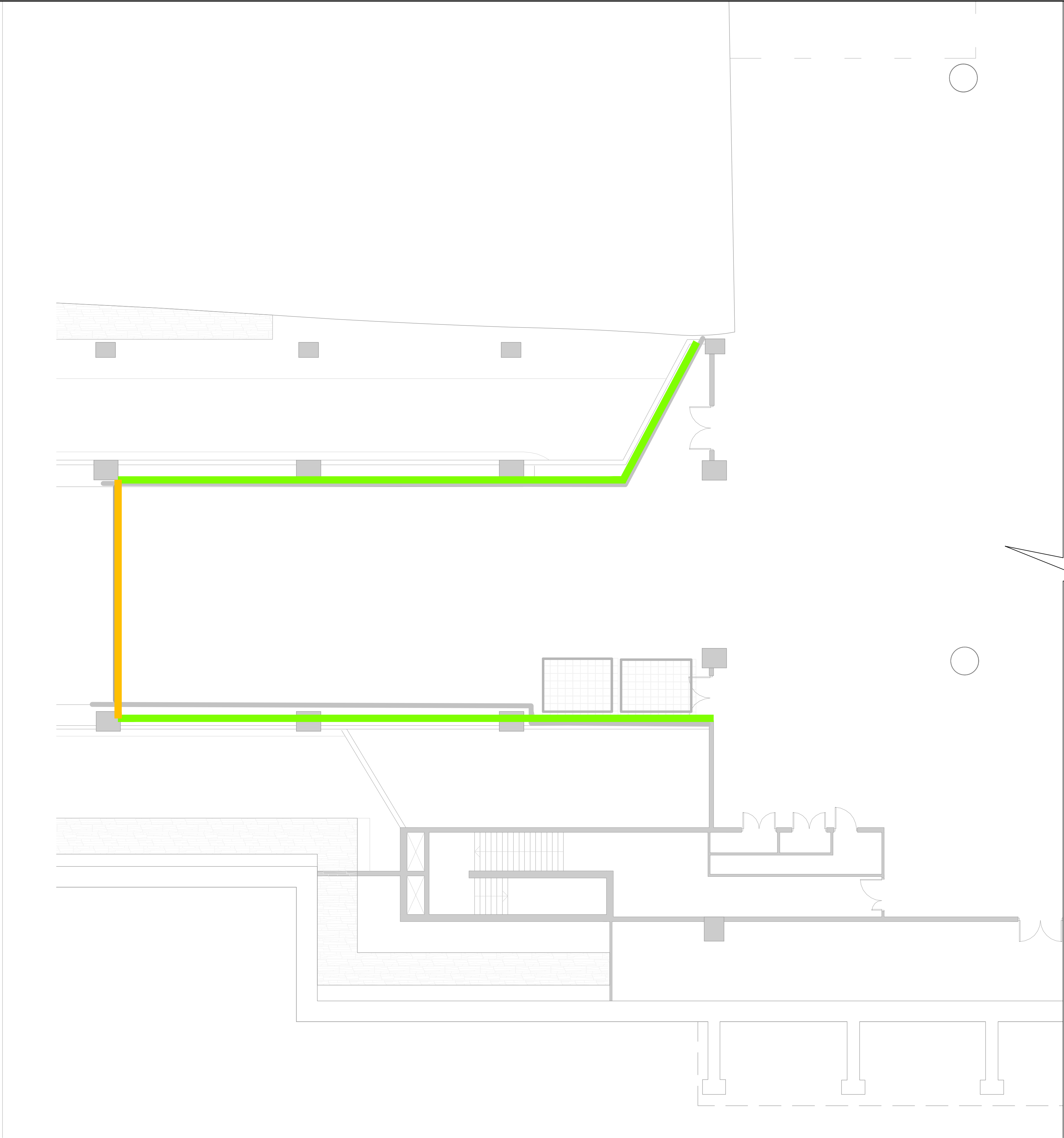
REV.
01

GROUND LEVEL HOARDING PLAN - PART 1

SCALE 1:100

NOTE:

-  DENOTES LOCATION OF TEMPORARY HOARDING FIXED TO CONCRETE WALL (REFER TO TYPICAL DETAILS).
-  DENOTES LOCATION OF STEEL GATE (REFER TO TYPICAL DETAIL).



Project Address:5 TOWNS PLACE, BARANGAROO NSW 2000

Project Title:PROPOSED TEMPORARY WORKS

Drawing Title:DOUBLE SWING GATE DETAILS

Drawing No:S302

Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	10.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078

PROJECT TITLE:

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BARANGAROO NSW 2000

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DOUBLE SWING GATE
DETAILS

DRAWING STATUS:

ISSUED FOR CONSTRUCTION

DESIGNED: YM

DAVID ZAITER
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DRAWN: EE

SCALE SIZE

CHECKED: DZ

As indicated A1

JOB No.

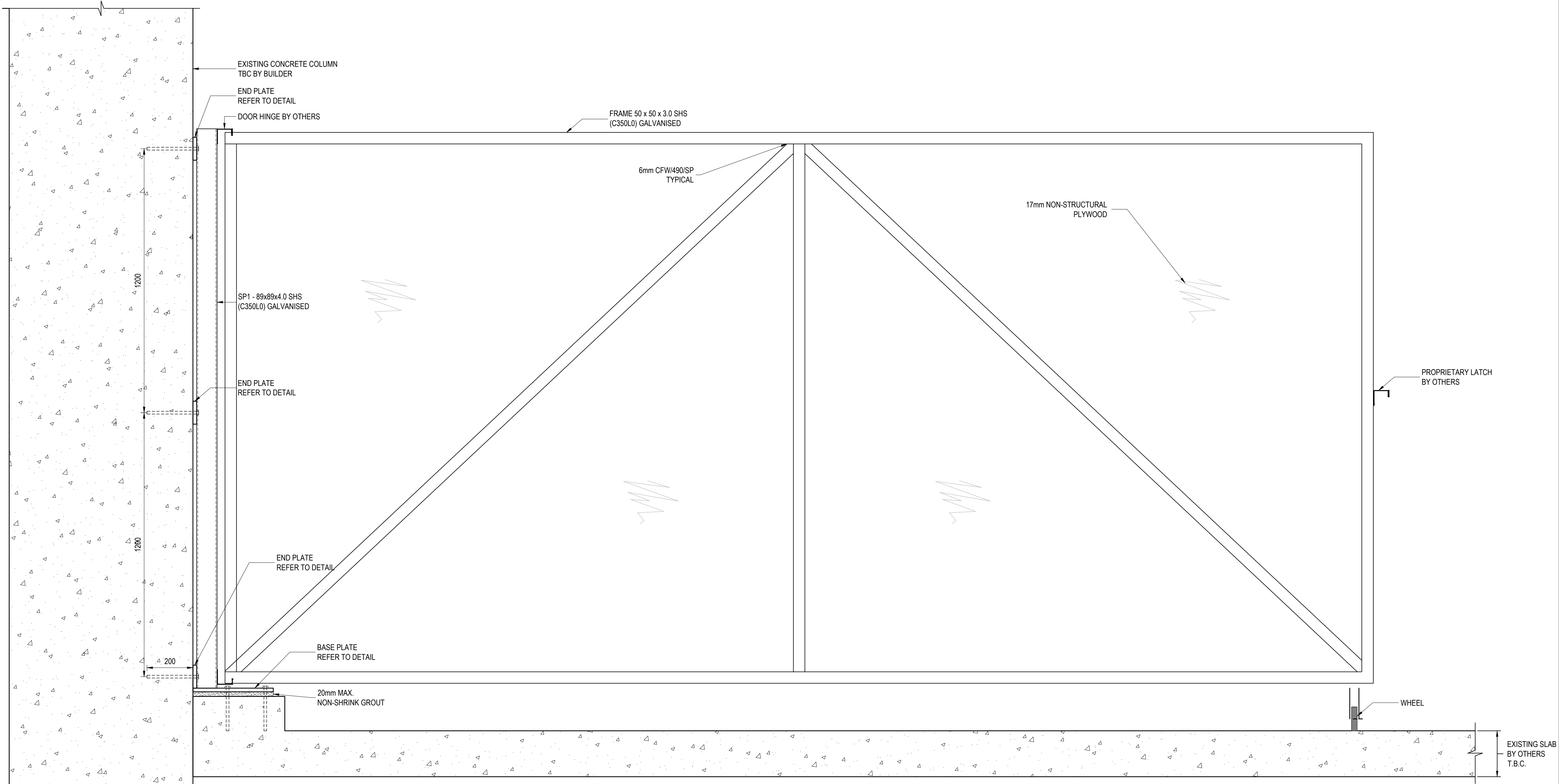
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24-3924

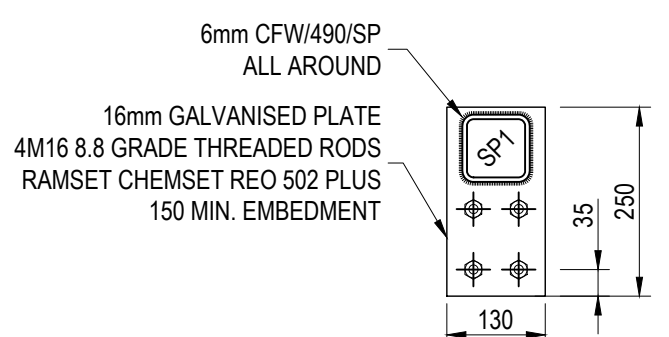
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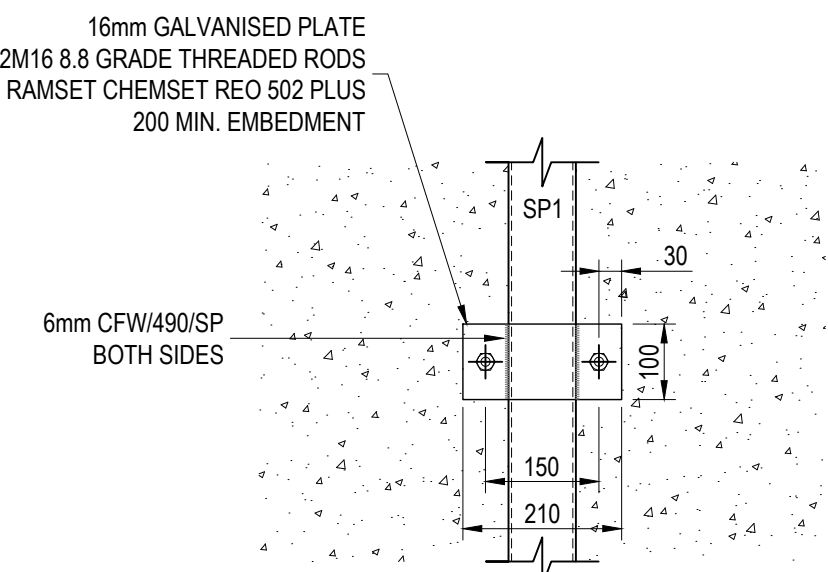


DOUBLE SWINGING GATE FIXED TO CONCRETE COLUMN DETAIL

NOTE:
GATE HEIGHT 2400mm.
APPROX. 5000mm OPENING



BASE PLATE DETAIL(SP1)
SCALE 1:10



END PLATE DETAIL (SP1)
SCALE 1:10

Project Address: 5 TOWNS PLACE, BARANGAROO NSW 2000				
Project Title: PROPOSED TEMPORARY WORKS				
Drawing Title: GROUND LEVEL HOARDING PLAN - PART 2		Drawing No: S303		
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	19.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078
02	19.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078
03	17.01.25	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078

PROJECT TITLE:

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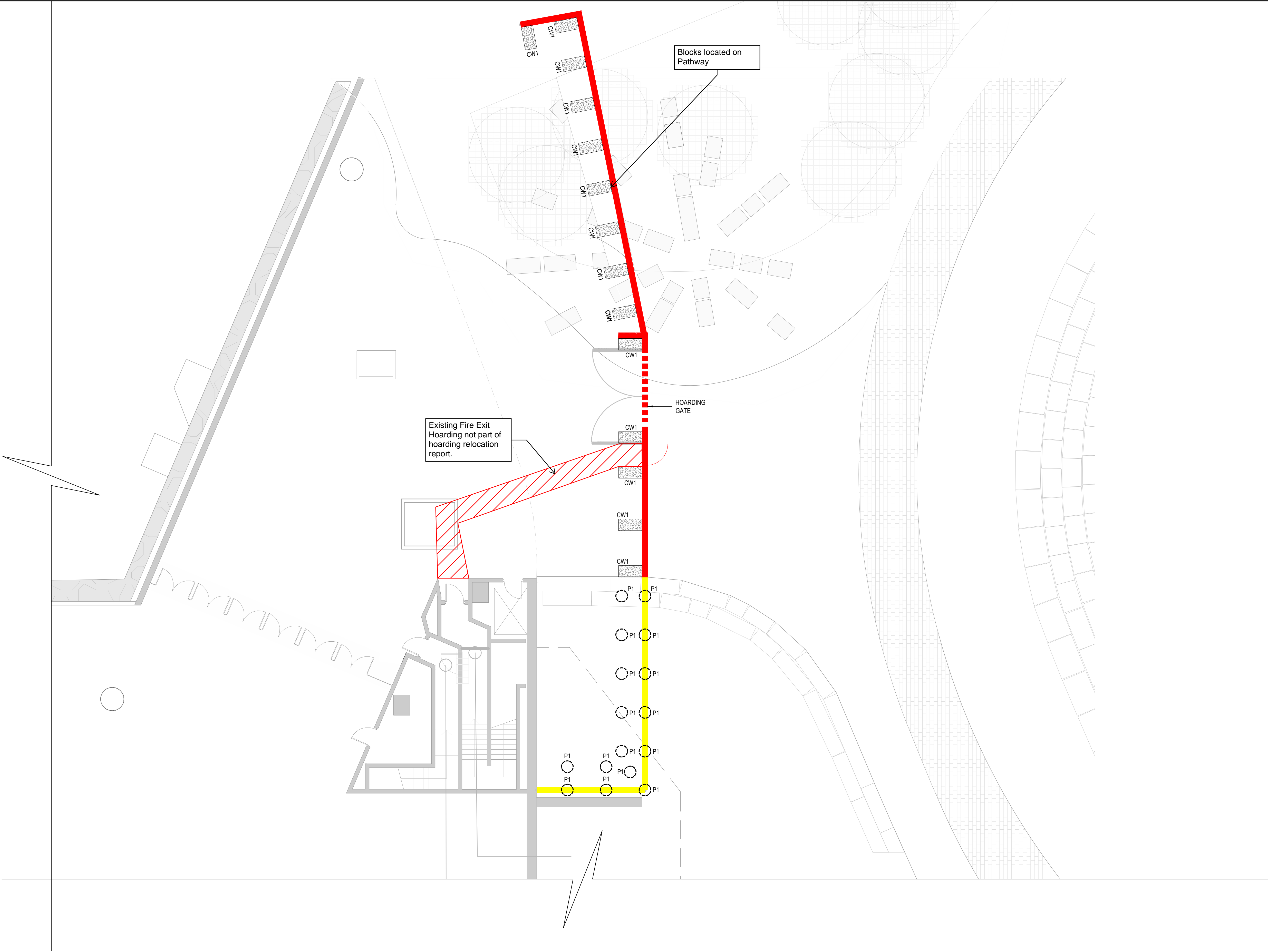
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DRAWING TITLE:

GROUND LEVEL
HOARDING PLAN - PART 2



DRAWING STATUS:	ISSUED FOR CONSTRUCTION		
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DRAWN: EE	SCALE	SIZE	
CHECKED: DZ	As indicated	A1	
JOB No.	DRAWING No.	REV.	
24-3924	S303	03	



GROUND LEVEL HOARDING PLAN - PART 2

SCALE 1:100

NOTE:

-  DENOTES LOCATION OF TEMPORARY HOARDING (REFER TO TYPICAL DETAILS).
-  DENOTES LOCATION OF TEMPORARY POST-IN-GROUND HOARDING (REFER TO TYPICAL DETAILS)
- CW1 DENOTES 1200X600X600 1 TONNE CONCRETE BLOCK.

Project Address:5 TOWNS PLACE, BARANGAROO NSW 2000

Project Title:PROPOSED TEMPORARY WORKS

Drawing Title:GROUND LEVEL
HOARDING PLAN - PART 3

Drawing No:S304

Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	10.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078

PROJECT TITLE:

PROPOSED TEMPORARY WORKS
5 TOWNS PLACE,
BARANGAROO NSW 2000

ARCHITECT:

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DRAWING TITLE:

GROUND LEVEL
HOARDING PLAN - PART 3

DRAWING STATUS:

ISSUED FOR CONSTRUCTION

DESIGNED: YM

DAVID ZAITER
BEng(Hons), MIEAust, CPEng NER RPEQ

DRAWN: EE

SCALE SIZE

CHECKED: DZ

As indicated A1

JOB No.

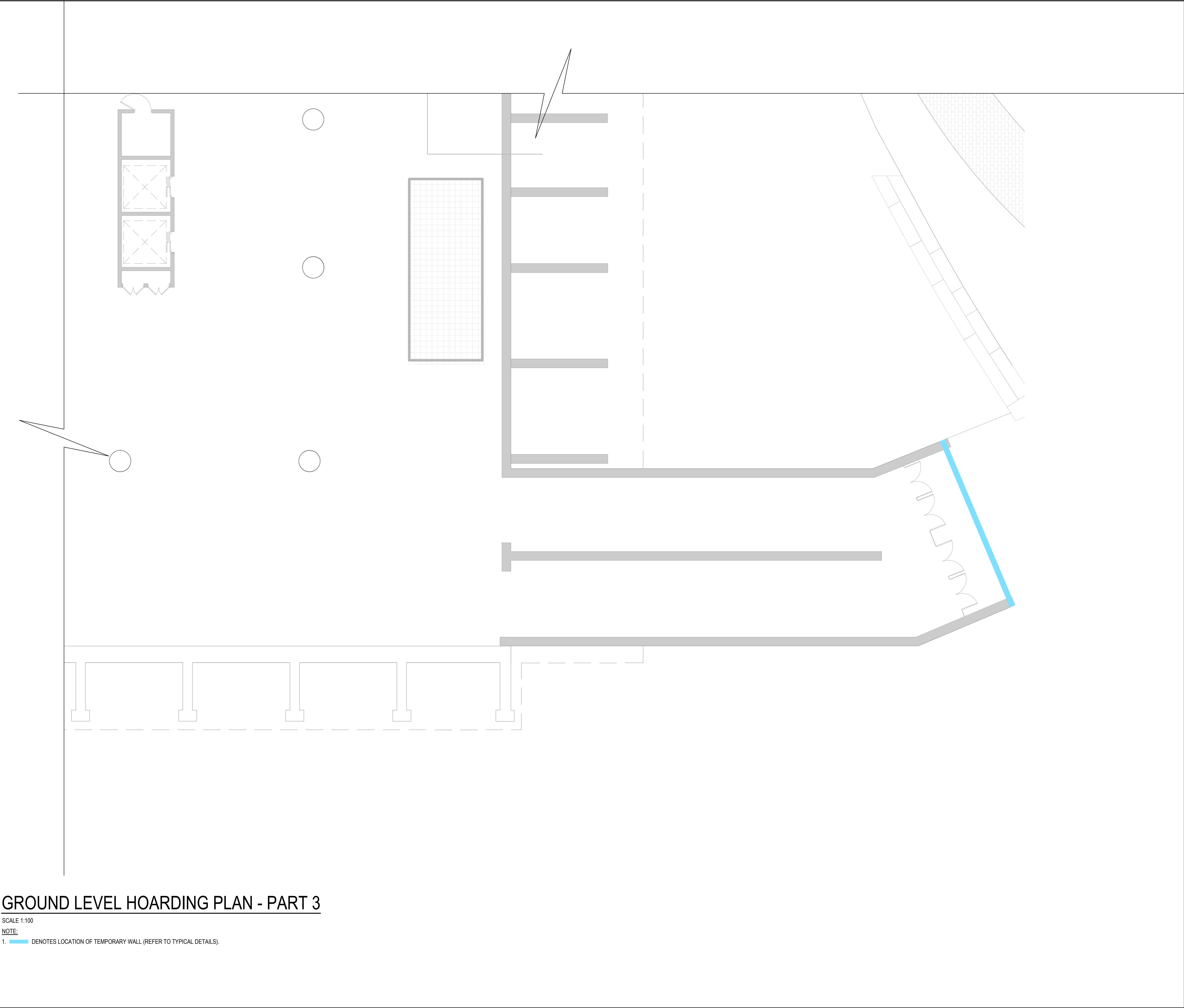
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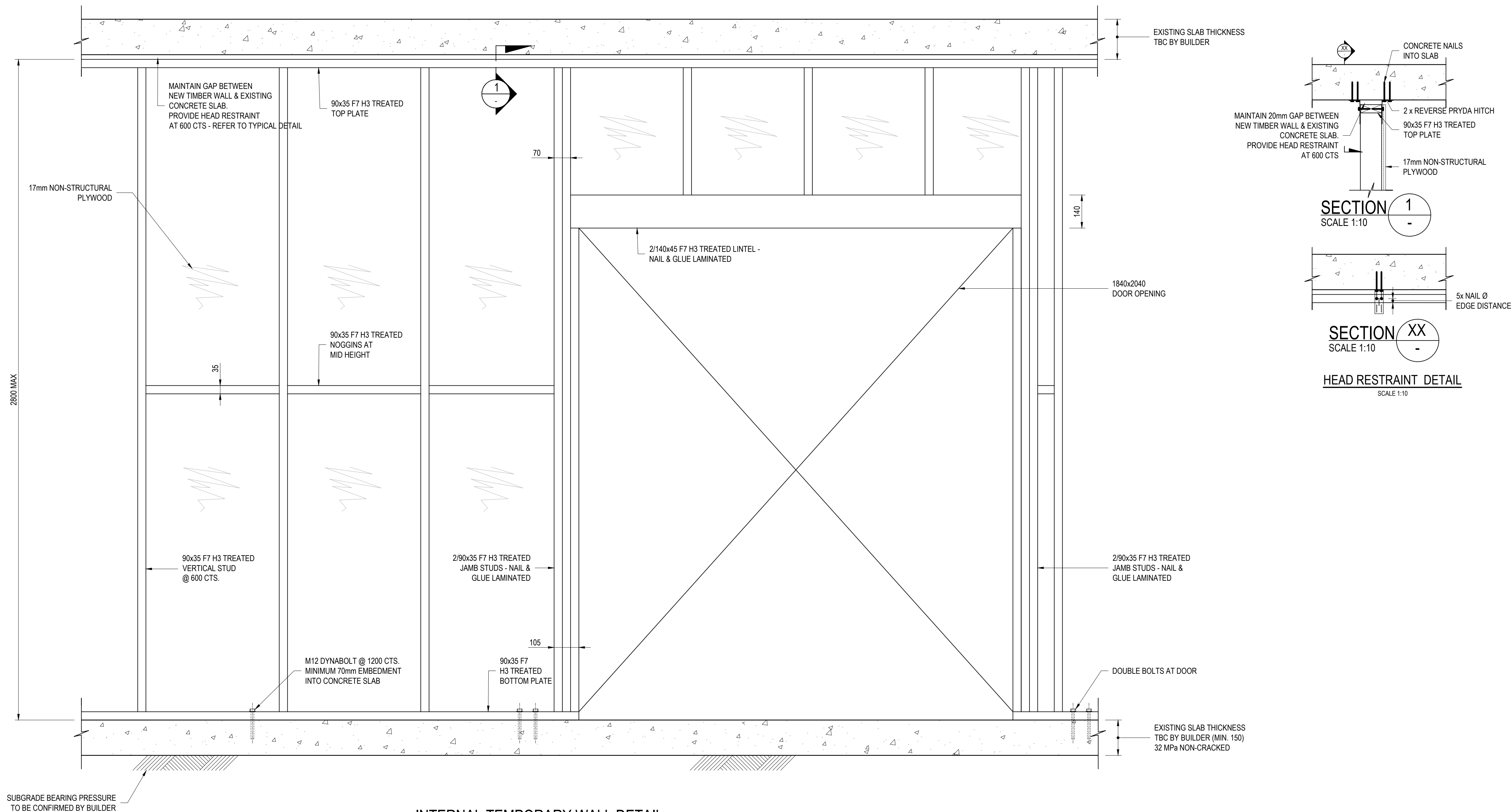
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24-3924

S304

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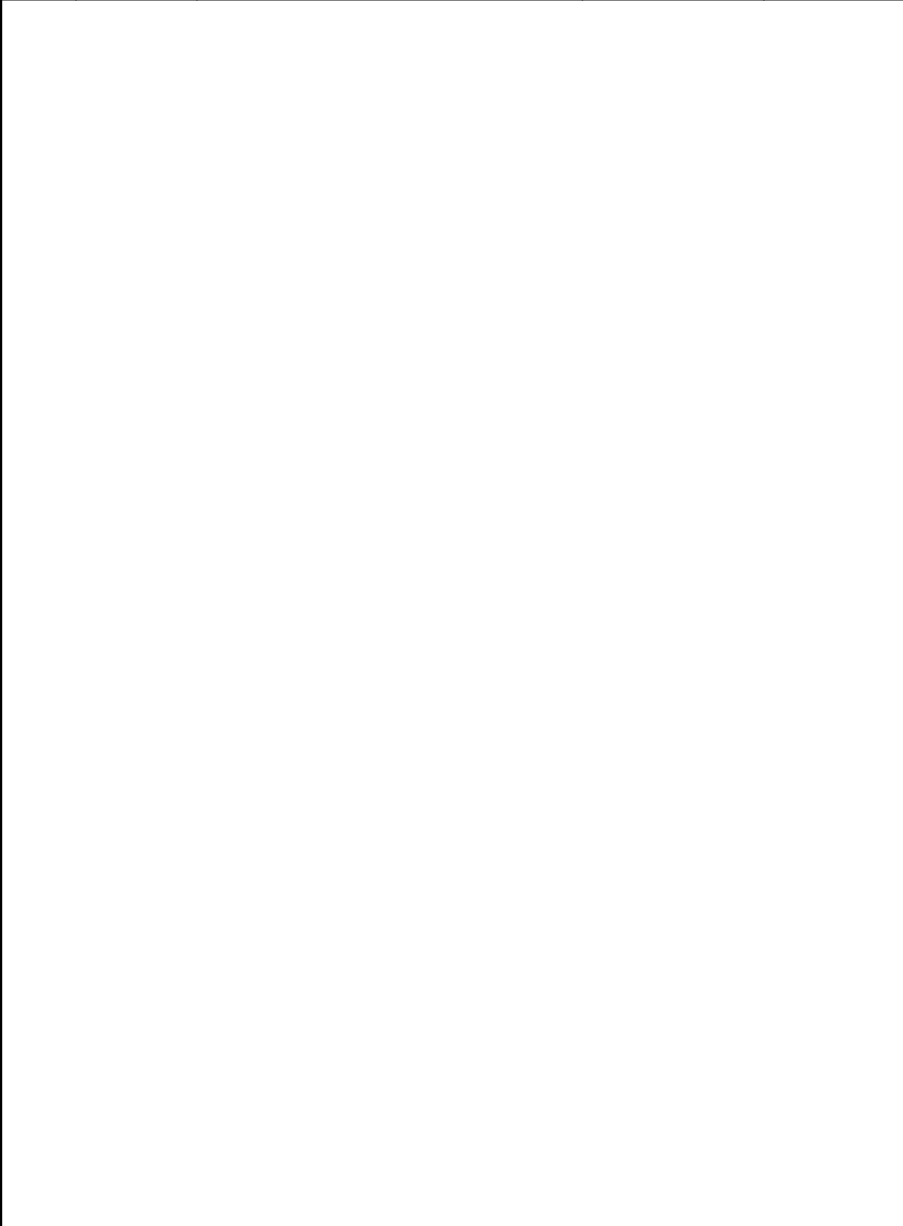


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INTERNAL TEMPORARY WALL DETAIL

DRAWING TITLE:	
GROUND FLOOR TEMPORARY WALL DETAILS	
DRAWING STATUS:	ISSUED FOR CONSTRUCTION
DESIGNED: YM	DAVID ZAITER <small>BEng(Hons), MIEAust, CPEng NER RPEQ</small>
DRAWN: EE	SCALE SIZE
CHECKED: DZ	As indicated A1
JOB No.	DRAWING No.
24-3924	S306
	REV.
	02

Project Address: 5 TOWNS PLACE, BARANGAROO NSW 2000				
Project Title: PROPOSED TEMPORARY WORKS				
Drawing Title: GROUND LEVEL HOARDING PLAN			Drawing No:	S401
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	04.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078
02	19.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078



PROJECT TITLE:

PROPOSED TEMPORARY WORKS
5 TOWNS PLACE,
BARANGAROO NSW 2000

ARCHITECT:

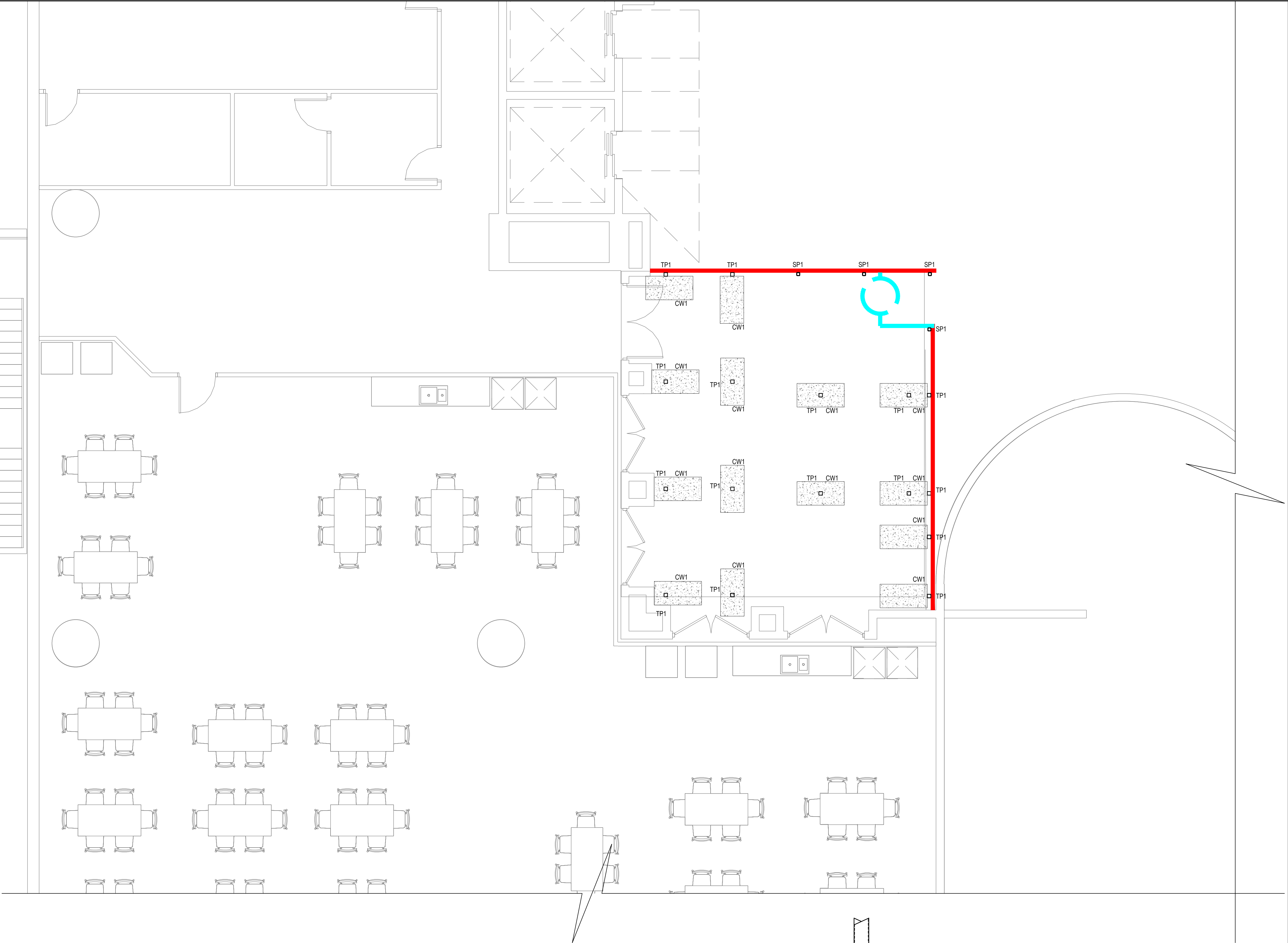


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DRAWING TITLE:

GROUND LEVEL
HOARDING PLAN

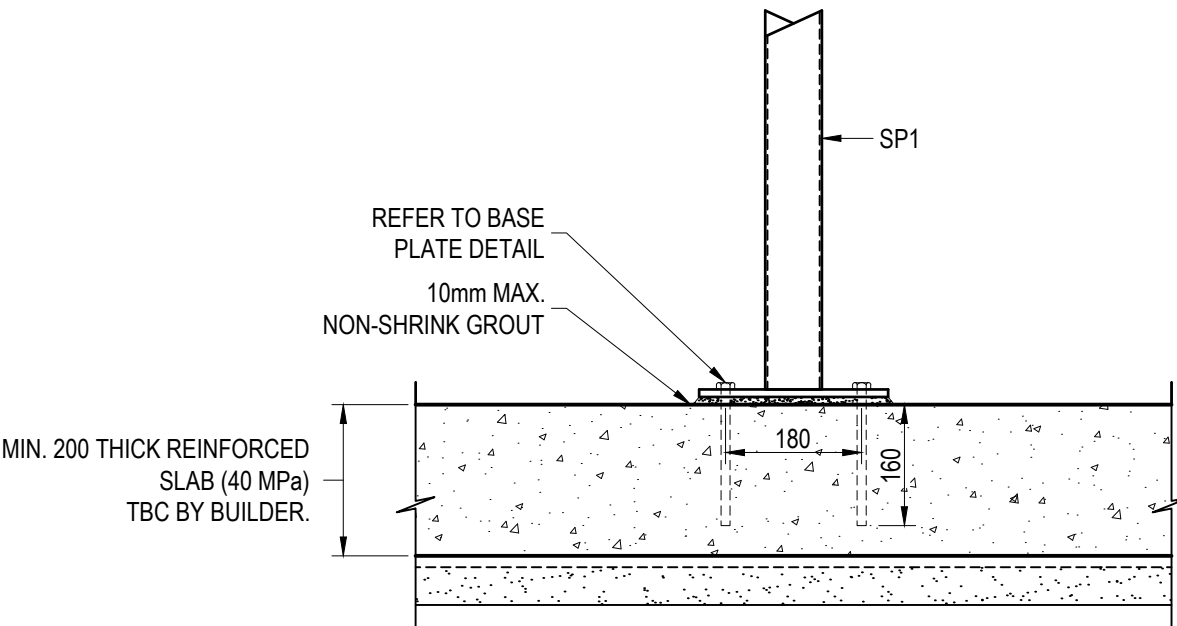
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DESIGNED: YM	DAVID ZAITER		
DRAWN: EE	BEng(Hons), MIEAust, CPEng NER RPEQ		
CHECKED: DZ	SCALE	SIZE	
JOB No.	As indicated	A1	
24-3924	DRAWING No. S401	REV. 02	



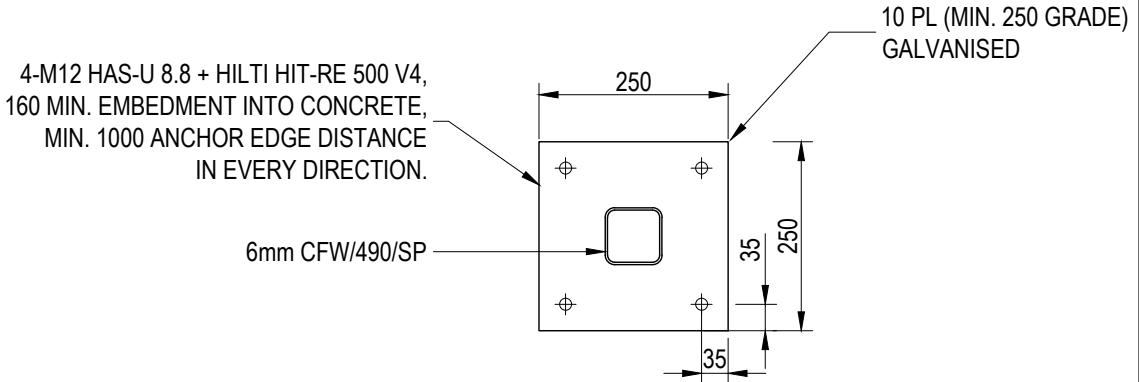
GROUND LEVEL HOARDING PLAN

- SCALE 1:50
- NOTE:
- DENOTES LOCATION OF TEMPORARY HOARDING (REFER TO TYPICAL DETAILS).
 - CW1 DENOTES 1200x600x600 1 TONNE CONCRETE BLOCK.

MEMBER SCHEDULE			
MARK	TYPE	SIZE	NOTES
SP1	STEEL POST	75x75x3.0 SHS	C350L0 GALVANISED



STEEL POST TO EXISTING SLAB CONNECTION
SCALE: 1:10



BASE PLATE DETAIL
SCALE: 1:10

Project Address:5 TOWNS PLACE, BARANGAROO NSW 2000

Project Title:PROPOSED TEMPORARY WORKS

Drawing Title:GROUND LEVEL HOARDING DETAILS

Drawing No:S402

Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	04.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078
02	10.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078

PROJECT TITLE:

PROPOSED TEMPORARY WORKS
5 TOWNS PLACE,
BARANGAROO NSW 2000

ARCHITECT:

CLIENT:



BUILDER:





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DRAWING TITLE:

GROUND LEVEL
HOARDING DETAILS

DRAWING STATUS:

ISSUED FOR CONSTRUCTION

DESIGNED: YM

DAVID ZAITER
BEng(Hons), MIEAust, CPEng NER RPEQ

DRAWN: EE

SCALE SIZE

CHECKED: DZ

As indicated A1

JOB No.

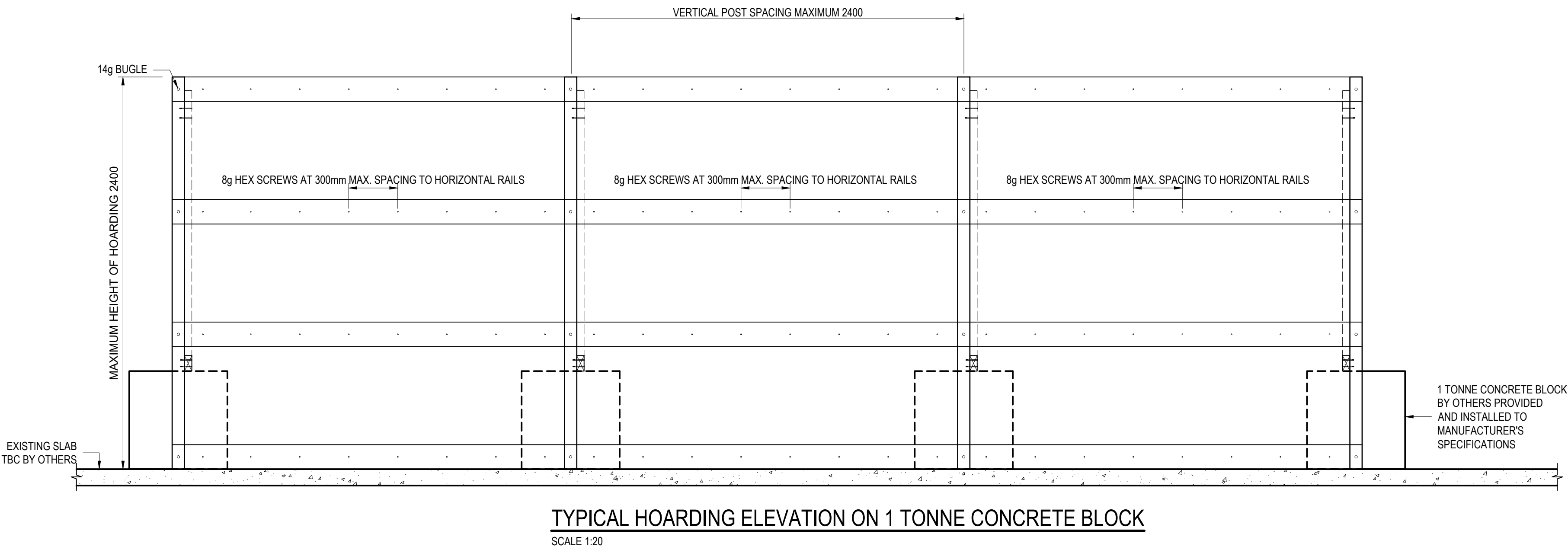
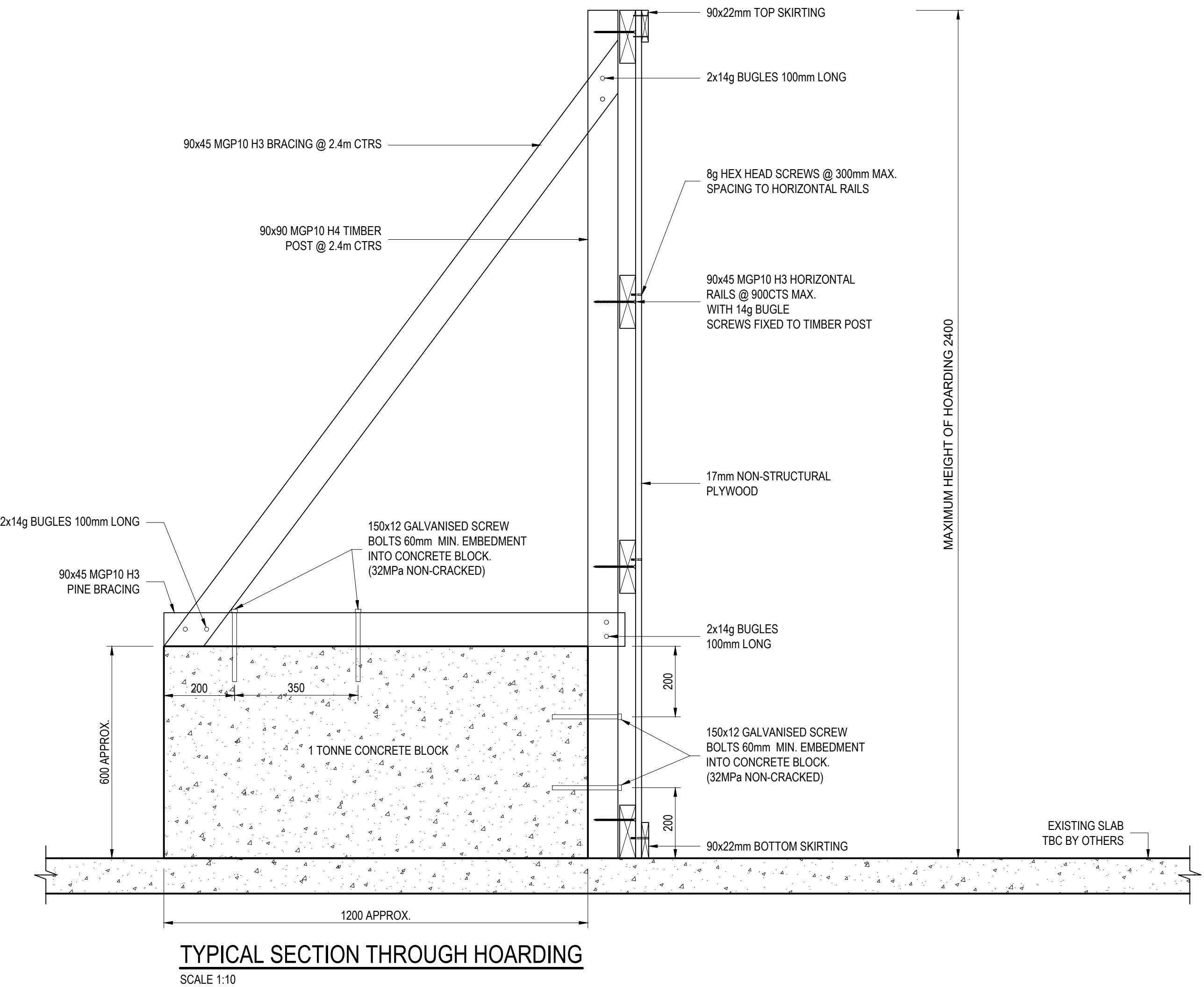
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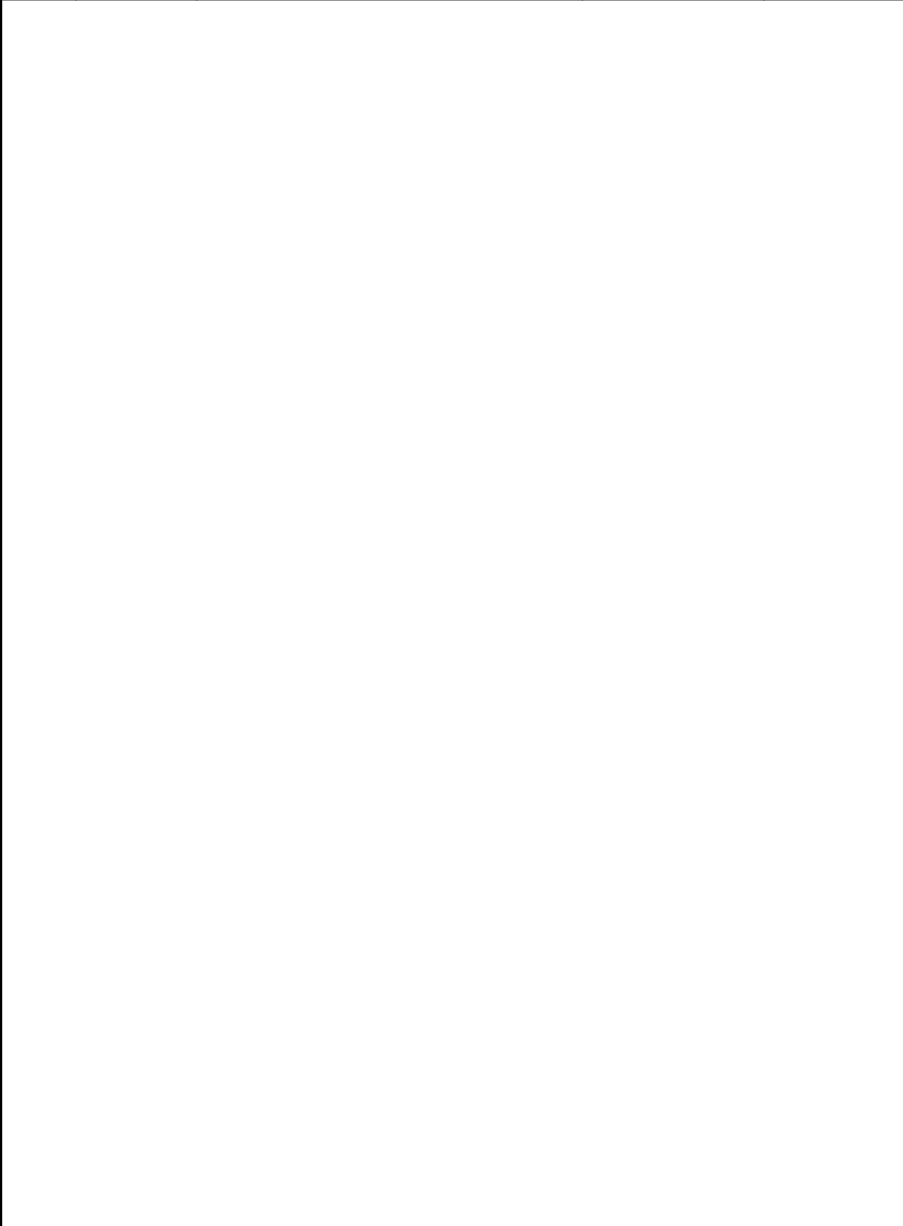
24-3924

S402

01



Project Address: 5 TOWNS PLACE, BARANGAROO NSW 2000				
Project Title: PROPOSED TEMPORARY WORKS				
Drawing Title: GROUND LEVEL AWNING PLAN		Drawing No: S403		
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	04.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078
02	19.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078



PROJECT TITLE:

PROPOSED TEMPORARY WORKS
5 TOWNS PLACE,
BARANGAROO NSW 2000

ARCHITECT:

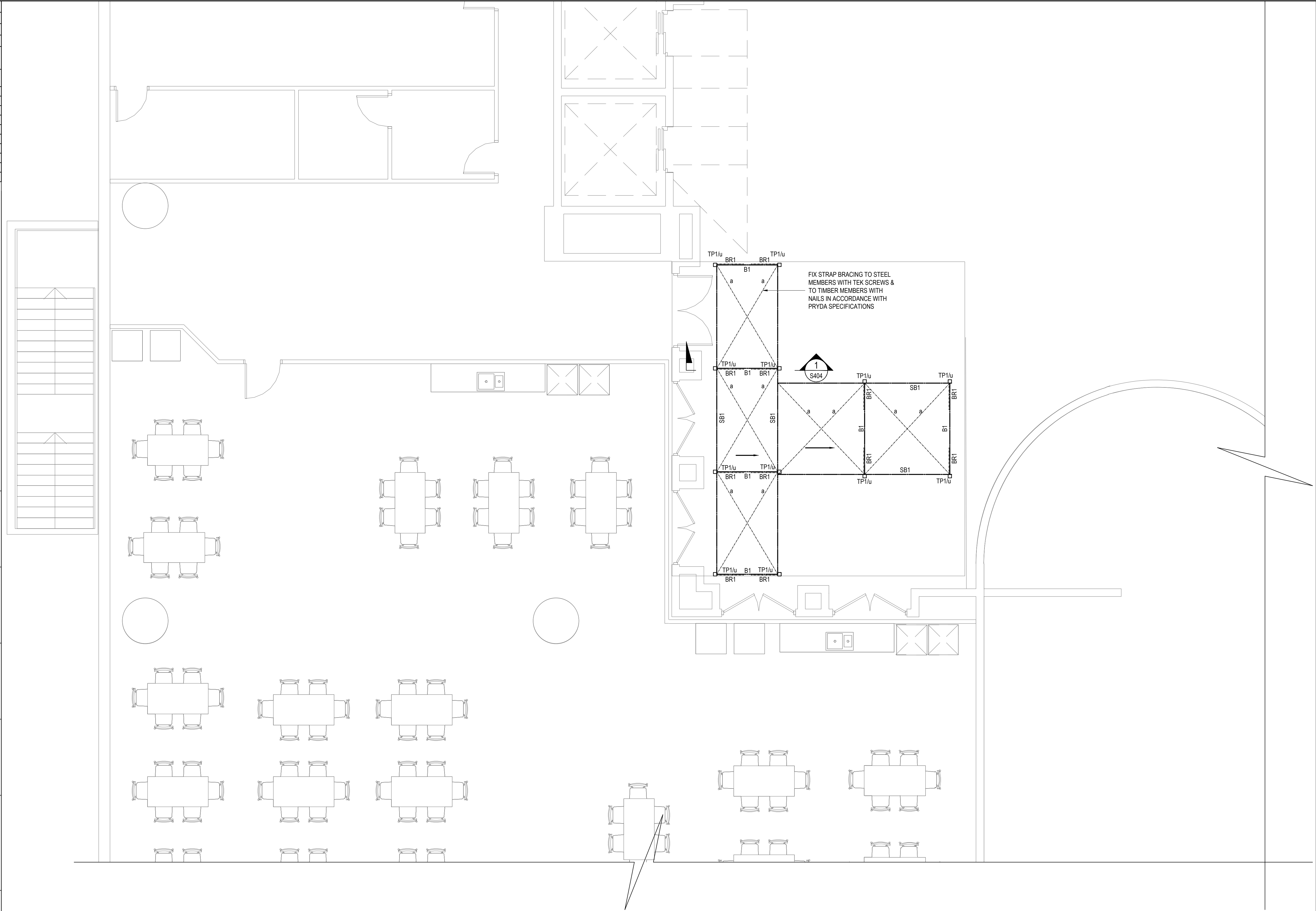


Suite 5, 5-7 Villiers Street,
Parramatta, NSW 2150
Phone: 02 9630 3867
Email: info@zait.com.au
ABN 40 608 862 899
ACN 608 862 899

DRAWING TITLE:

GROUND LEVEL
AWNING PLAN


DRAWING STATUS:	ISSUED FOR CONSTRUCTION		
DESIGNED: YM	DAVID ZAITER		
DRAWN: EE	BEng(Hons), MIEAust. CPEng NER RPEQ		
CHECKED: DZ	SCALE	SIZE	
JOB No.	As indicated	A1	
24-3924	DRAWING No. S403	REV. 02	

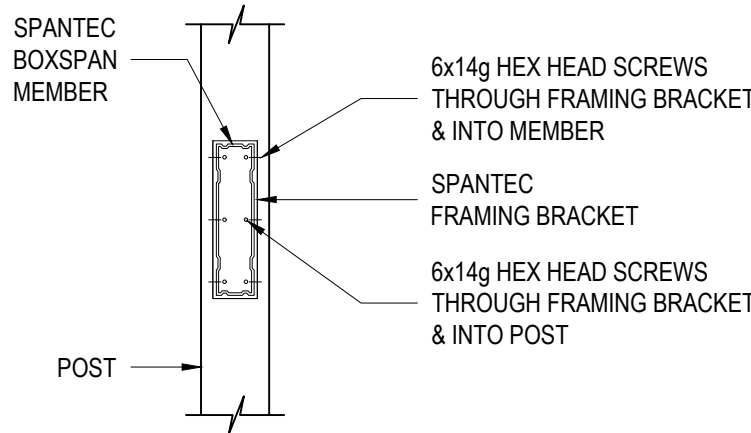
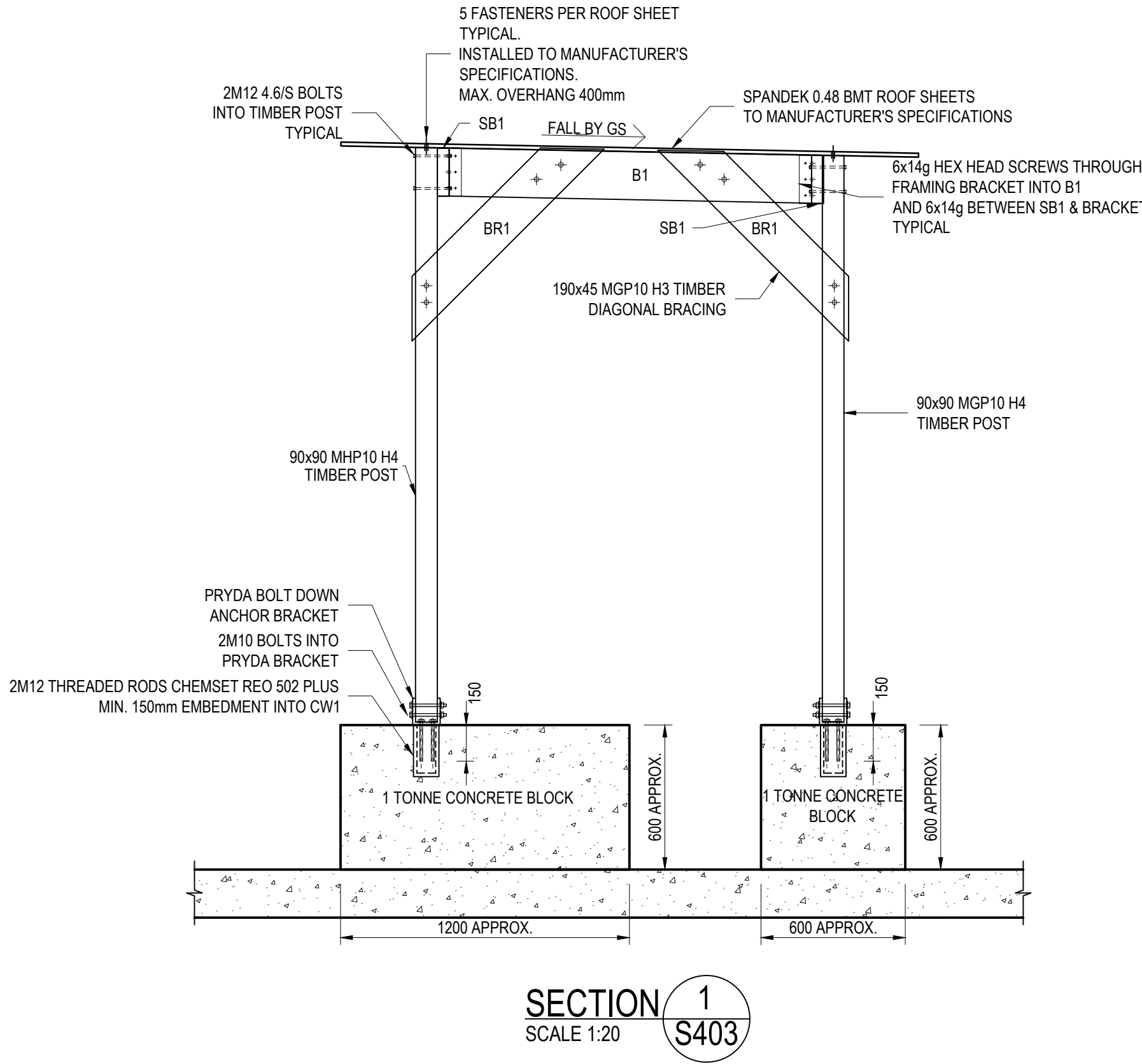


GROUND LEVEL AWNING PLAN

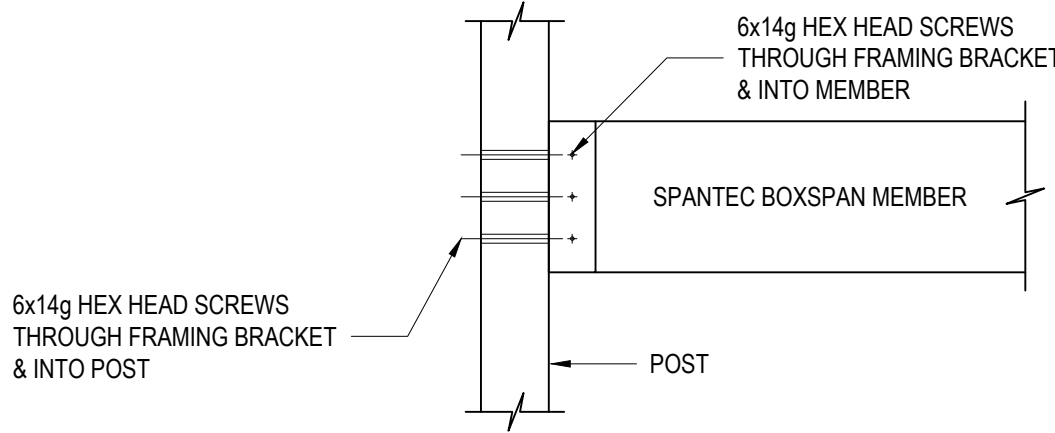
SCALE 1:50

MEMBER SCHEDULE			
MARK	TYPE	SIZE	NOTES
B1	SPANTEC BEAM	B200-20	SINGLE SPAN
SB1	SPANTEC BEAM	B200-20	CONTINUOUS SPAN
TP1	TIMBER POST	90x90	MGP10 H4 TREATED
BR1	TIMBER BRACING	190x45	MGP10 H3 TREATED
a	ROOF STRAP BRACING	30x1.2mm STRAP BRACING	300 GRADE

Project Address: 5 TOWNS PLACE, BARANGAROO NSW 2000				
Project Title: PROPOSED TEMPORARY WORKS				
Drawing Title: GROUND LEVEL SECTIONS & DETAILS			Drawing No: S404	
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	04.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078
02	19.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078
PROJECT TITLE:				
PROPOSED TEMPORARY WORKS 5 TOWNS PLACE, BARANGAROO NSW 2000				
ARCHITECT:				
CLIENT:				
				
BUILDER:				
				
<div><div><div>Suite 5, 5-7 Villiers Street, Parramatta, NSW 2150 Phone: 02 9630 3867 Email: info@zait.com.au ABN 40 608 862 899 ACN 608 862 899</div><div>THE DRAWINGS, PLANS, SPECIFICATIONS AND THE COPYRIGHT ARE THE PROPERTY OF ZAIT ENGINEERING SOLUTIONS PTY LTD AND MUST NOT BE USED, REPRODUCED OR COPIED WHOLLY OR IN PART WITHOUT THE WRITTEN PERMISSION OF ZAIT ENGINEERING SOLUTIONS. COPYRIGHT @ ALL RIGHTS RESERVED</div></div></div>				
DRAWING TITLE:				
GROUND LEVEL SECTIONS & DETAILS				
DRAWING STATUS: ISSUED FOR CONSTRUCTION				
DESIGNED: YM DAVID ZAITER BEng(Hons), MIEAust, CPEng NER RPEQ				
DRAWN: EE SCALE SIZE				
CHECKED: DZ As indicated A1				
JOB No. DRAWING No. REV.				
24-3924 S404 02				

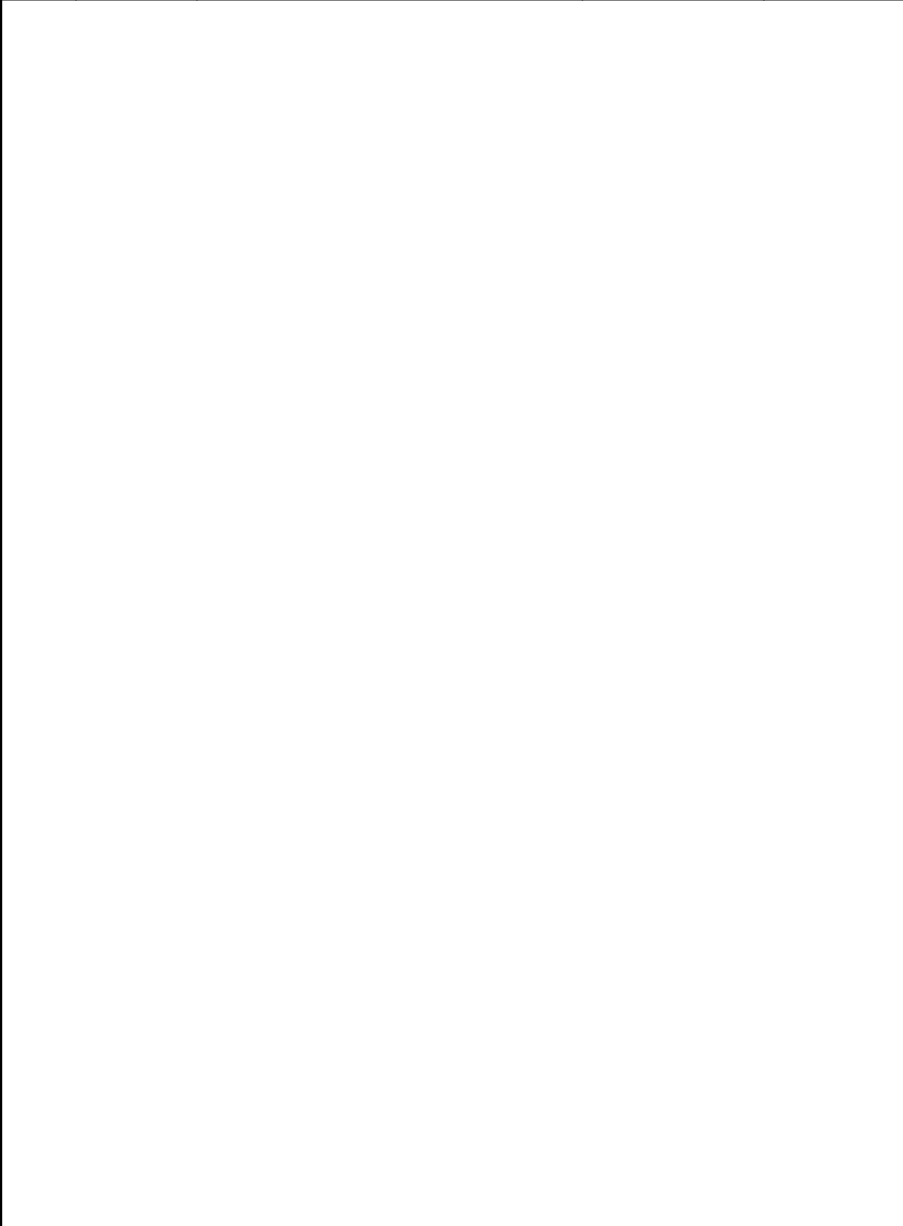


TYPICAL FRAMING BRACKET TO POST CONNECTION DETAIL
SCALE 1:10



TYPICAL FRAMING BRACKET CONNECTION DETAIL
SCALE 1:10

Project Address: 5 TOWNS PLACE, BARANGAROO NSW 2000				
Project Title: PROPOSED TEMPORARY WORKS				
Drawing Title: BASEMENT LEVEL TEMPORARY WALL PLAN			Drawing No:	S201
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	10.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP0000078



PROJECT TITLE:

PROPOSED TEMPORARY WORKS
5 TOWNS PLACE,
BARANGAROO NSW 2000

ARCHITECT:

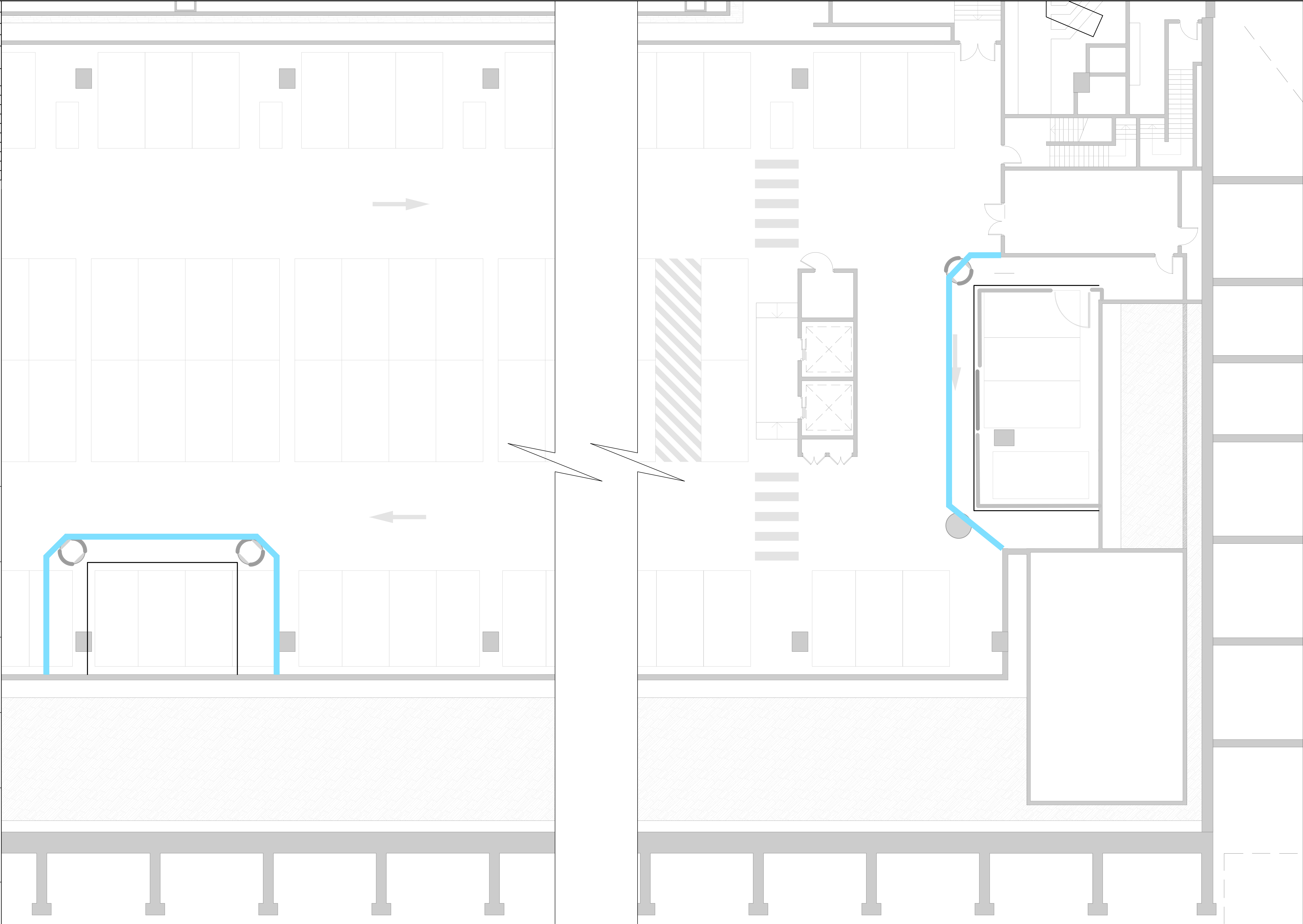


Suite 5, 5-7 Villiers Street,
Parramatta, NSW 2150
Phone: 02 9630 3867
Email: info@zait.com.au
ABN 40 608 862 899
ACN 608 862 899

DRAWING TITLE:

BASEMENT LEVEL
TEMPORARY WALL PLAN

DRAWING STATUS:	ISSUED FOR CONSTRUCTION		
DESIGNED: YM	DAVID ZAITER		
DRAWN: EE	BEng(Hons), MIEAust, CPEng NER RPEQ		
CHECKED: DZ	SCALE	SIZE	
JOB No.	As indicated	A1	
24-3924	DRAWING No.	REV.	
	S201	01	



BASEMENT LEVEL TEMPORARY WALL PLAN

SCALE 1:50

NOTE:

1. DENOTES LOCATION OF INTERNAL TEMPORARY WALL (REFER TO TYPICAL DETAIL)

Project Address:5 TOWNS PLACE, BARANGAROO NSW 2000

Project Title:PROPOSED TEMPORARY WORKS

Drawing Title:BASEMENT LEVEL TEMPORARY WALL DETAILS			Drawing No.:S202	
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
01	10.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP00000078
02	19.04.24	ISSUED FOR CONSTRUCTION	DAVID ZAITER	DEP00000078

PROJECT TITLE:

PROPOSED TEMPORARY WORKS
5 TOWNS PLACE,
BARANGAROO NSW 2000

ARCHITECT:

CLIENT:

GS

BUILDING

BUILDER:

GS

BUILDING

ZAIT

Engineering Solutions Pty Ltd

Suite 5, 5-7 Villiers Street,
Parramatta, NSW 2150
Phone: 02 9630 3067
Email: info@zait.com.au
ABN 40 608 862 899
ACN 608 862 899

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DRAWING TITLE:

BASEMENT LEVEL
TEMPORARY WALL DETAILS

DRAWING
STATUS:

ISSUED FOR CONSTRUCTION

DESIGNED: YM

DAVID ZAITER
BEng(Hons), MIEAust, CPEng NER RPEQ

DRAWN: EE

SCALE SIZE

CHECKED: DZ

As indicated A1

JOB No.

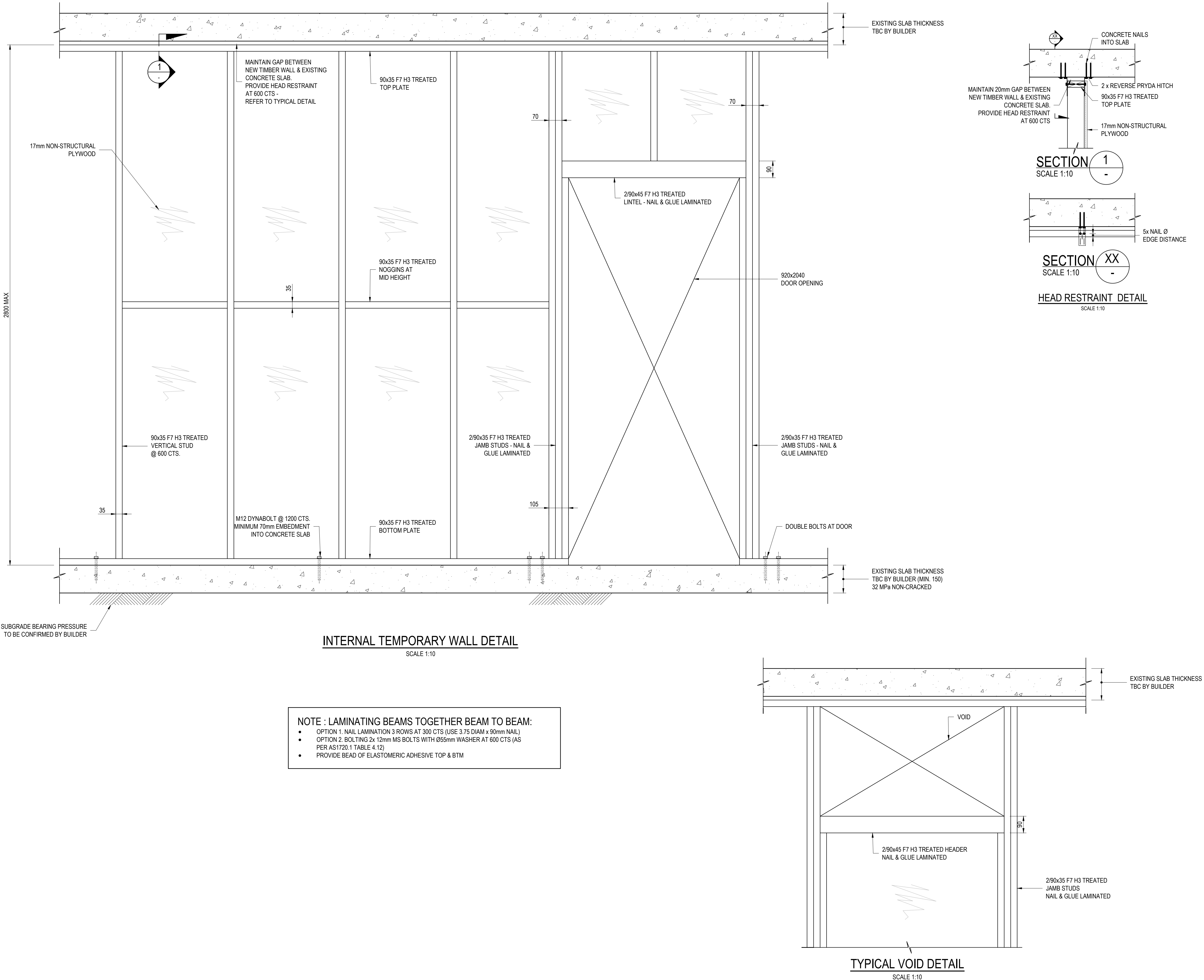
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REV.

24-3924

S202

02

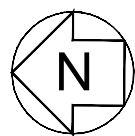




4.0 Appendix D – Emergency Egress Plans

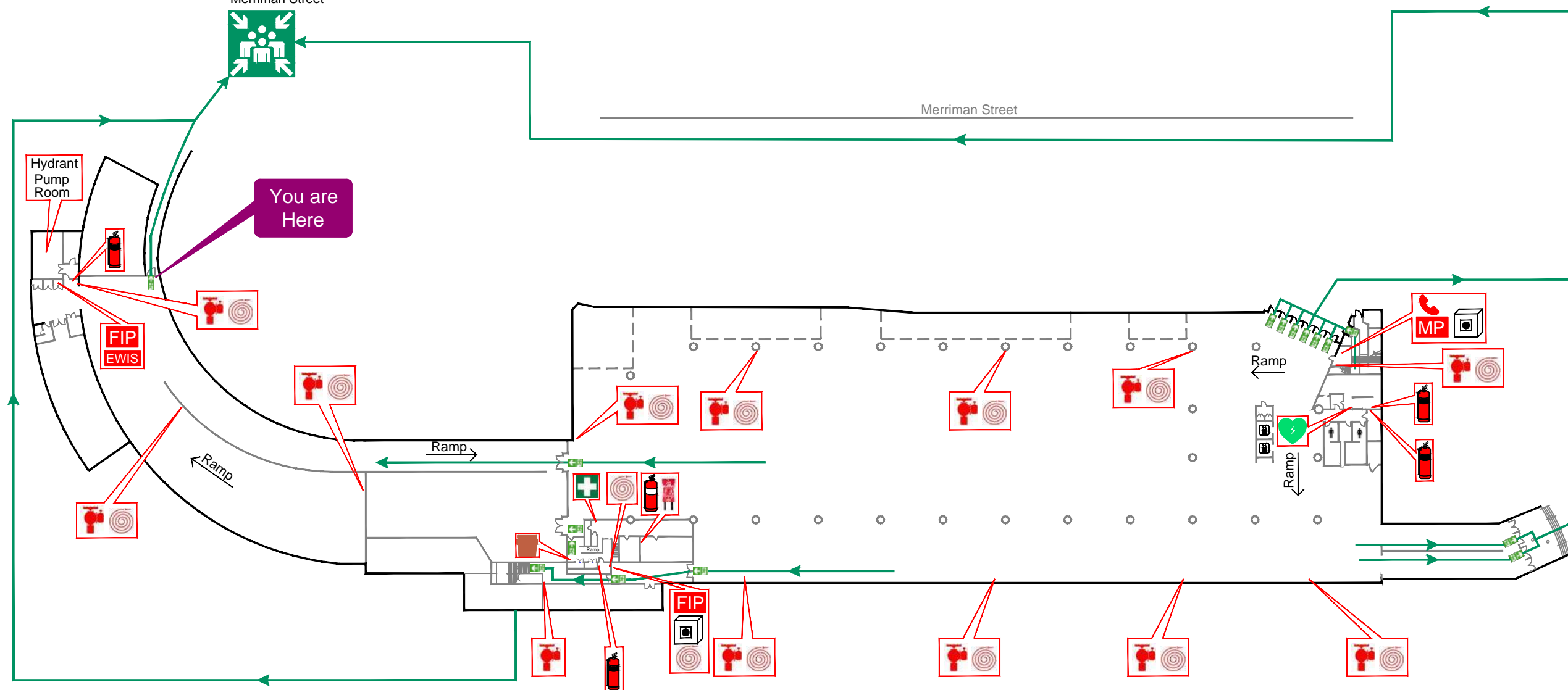
EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



To Evacuation
Assembly Area:
Grassed area near
Merriman Street

You are
Here



Barangaroo Cutaway

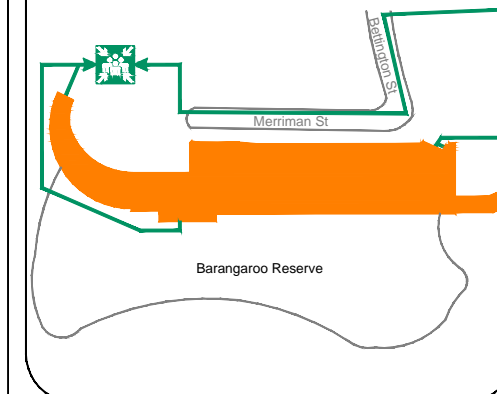
GROUND FLOOR
Town Place,
Millers Point NSW 2000

- R** Remove people from danger:
 - Yourself, staff and visitors
- A** Raise the *Alarm*:
 - Call Security on 02 9247 7231
 - Call 000
- C** Contain the fire:
 - Close doors behind you
- E** Evacuate:
 - Go to the Assembly Area
 - Only attempt to extinguish fire if it's safe to do so

LOCKDOWN:

- Gather people together out of sight
- Close and lock doors & windows
- Close blinds & turn off lights
- Switch mobile phones to silent
- KEEP QUIET & REMAIN CALM
- Barricade door with furniture if necessary
- Await instructions of lockdown completion
- In a life threatening emergency call 000 for emergency assistance

Site Map



Valid Date: 25.05.2023 Version No: 1.0

Legend



Assembly Area

→ Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher

Fire Hydrant

Fire Hose Reel



Fire Blanket



First Aid Kit



Defibrillator



Spill Kit



Mimic Panel



Warden Intercom Phone



White Break Glass
Alarm



Fire Indicator Panel



Emergency Warden
Intercomm. System

EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services

Barangaroo Cutaway

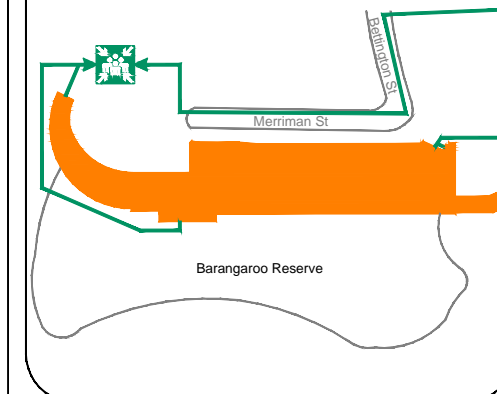
GROUND FLOOR
Town Place,
Millers Point NSW 2000

- R** Remove people from danger:
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 - Call 000
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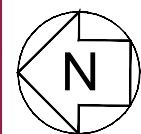
LOCKDOWN:

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- Close blinds & turn off lights
- Switch mobile phones to silent
- KEEP QUIET & REMAIN CALM
- Barricade door with furniture if necessary
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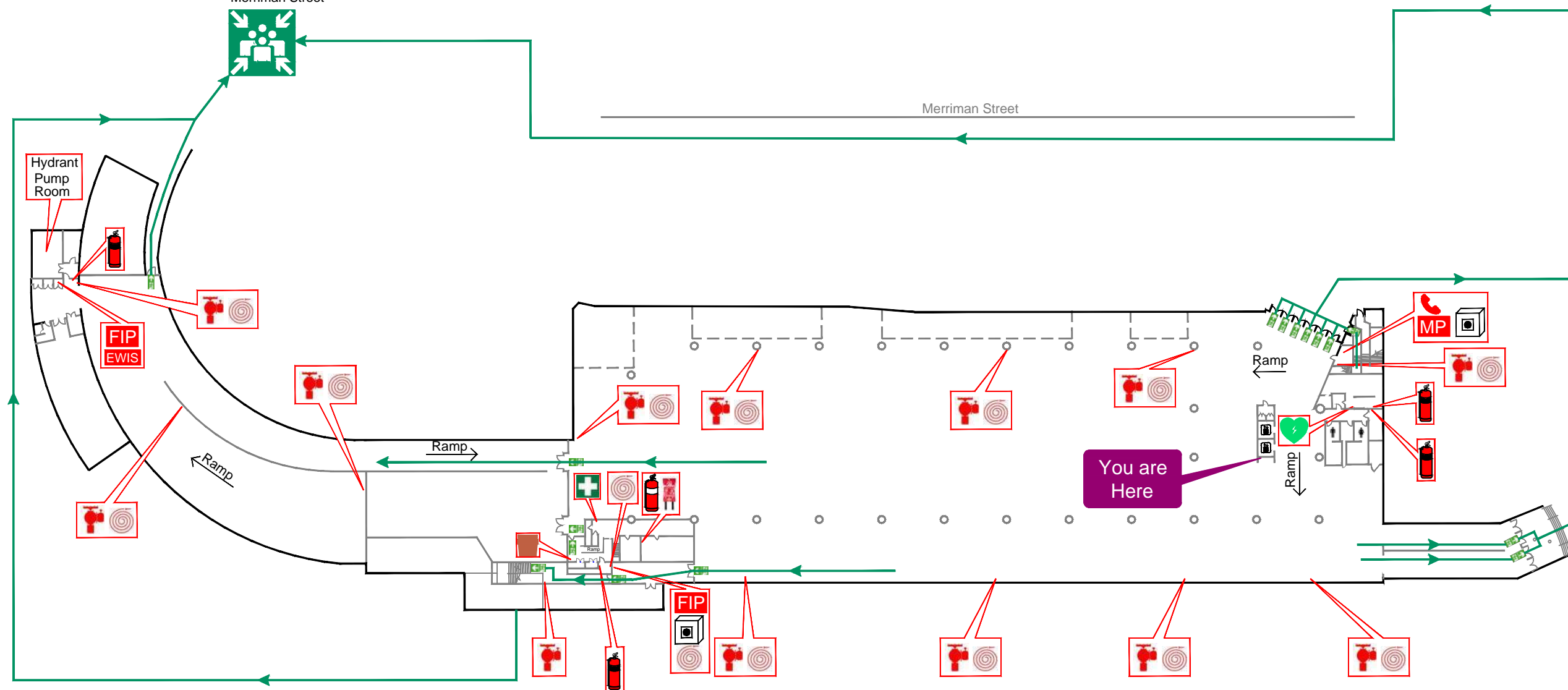
Site Map



Valid Date: 25.05.2023 Version No: 1.0



To Evacuation
Assembly Area:
Grassed area near
Merriman Street



Legend



Assembly Area

→ Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher

Fire Hydrant

Fire Hose Reel



Fire Blanket



First Aid Kit



Defibrillator



Spill Kit



Mimic Panel



Warden Intercom Phone



White Break Glass
Alarm



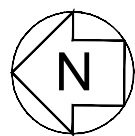
Fire Indicator Panel



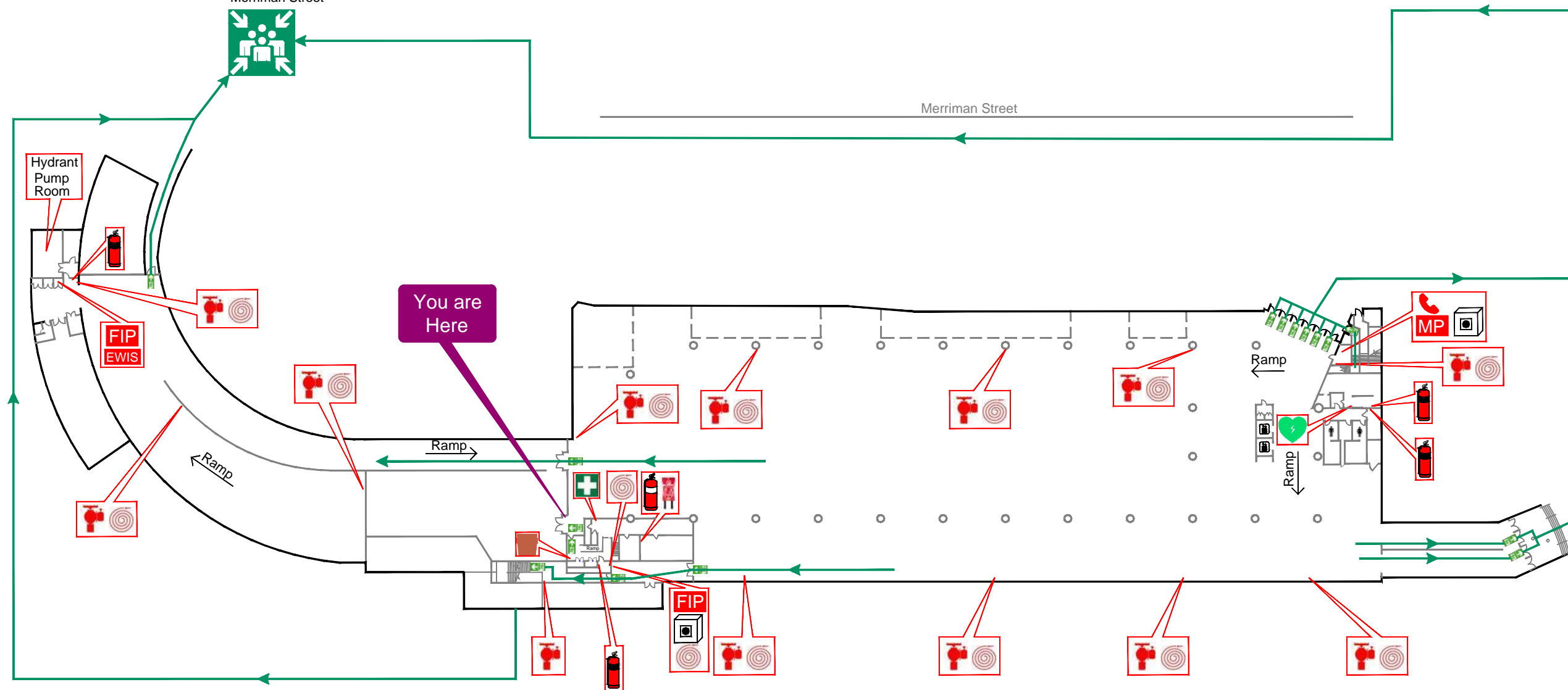
Emergency Warden
Intercomm. System

EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



To Evacuation
Assembly Area:
Grassed area near
Merriman Street



Barangaroo Cutaway

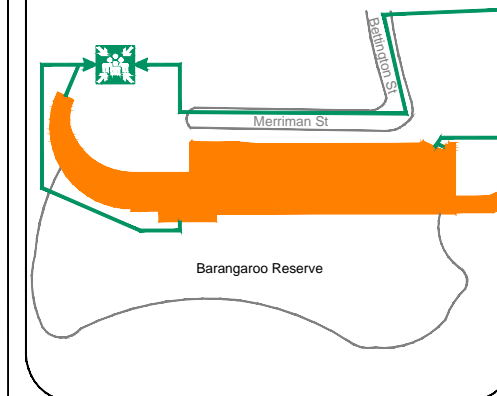
GROUND FLOOR
Town Place,
Millers Point NSW 2000

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 - Call Security on 02 9247 7231
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Site Map



Valid Date: 25.05.2023 Version No: 1.0

Legend



Assembly Area

→ Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher

Fire Hydrant

Fire Hose Reel



Fire Blanket



First Aid Kit



Defibrillator



Spill Kit



Mimic Panel



Warden Intercom Phone



White Break Glass
Alarm



Fire Indicator Panel

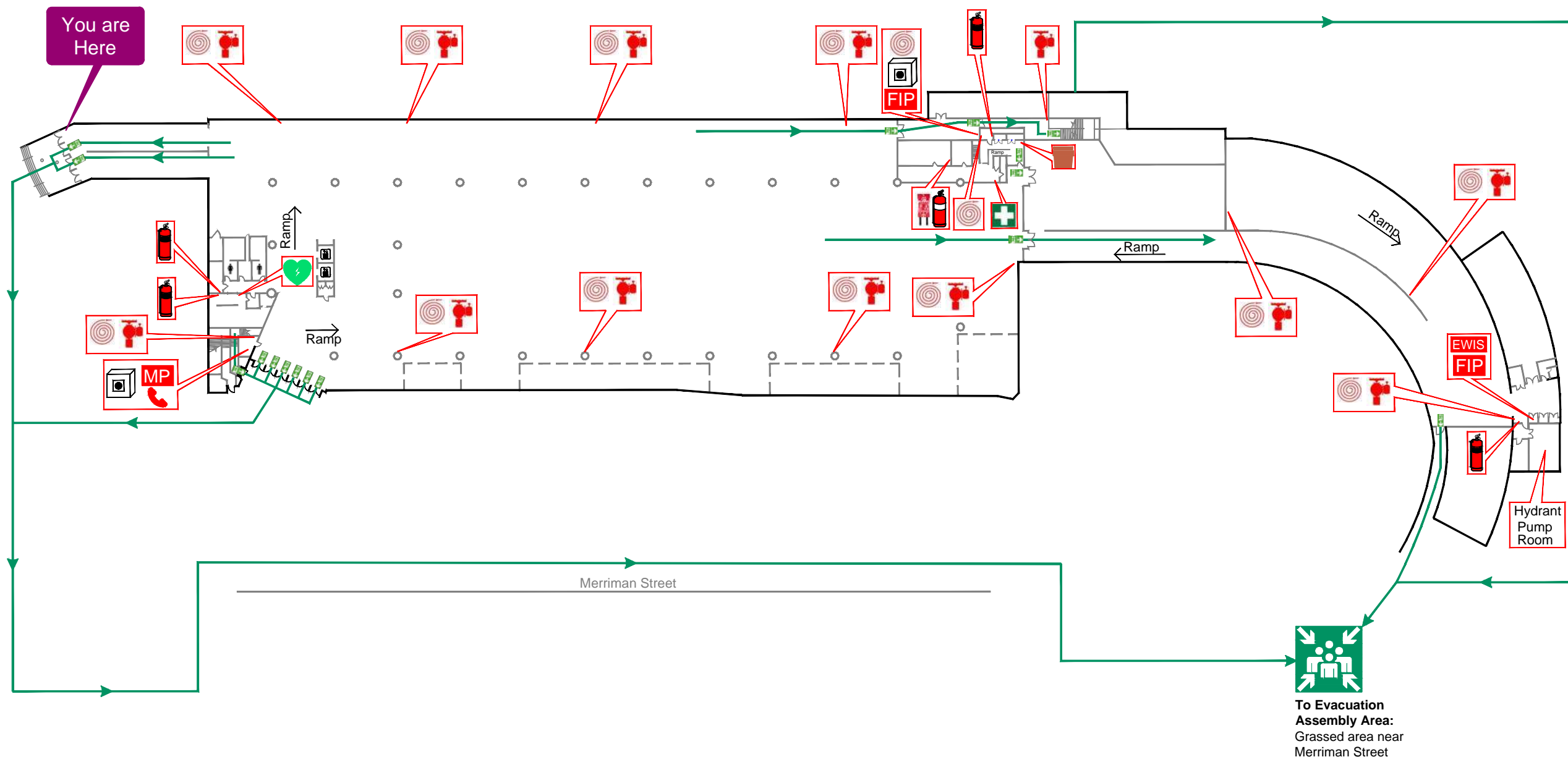
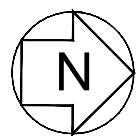


Emergency Warden
Intercomm. System



EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



Barangaroo Cutaway

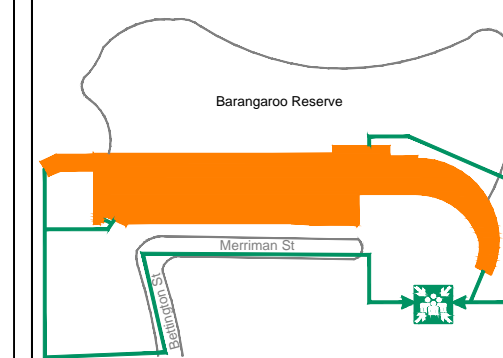
GROUND FLOOR
Town Place,
Millers Point NSW 2000

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Site Map



Valid Date: 25.05.2023 Version No: 1.0

Legend



Assembly Area

Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher

Fire Hydrant

Fire Hose Reel



Fire Blanket



First Aid Kit



Defibrillator



Spill Kit



Mimic Panel



Warden Intercom Phone



White Break Glass Alarm



Fire Indicator Panel

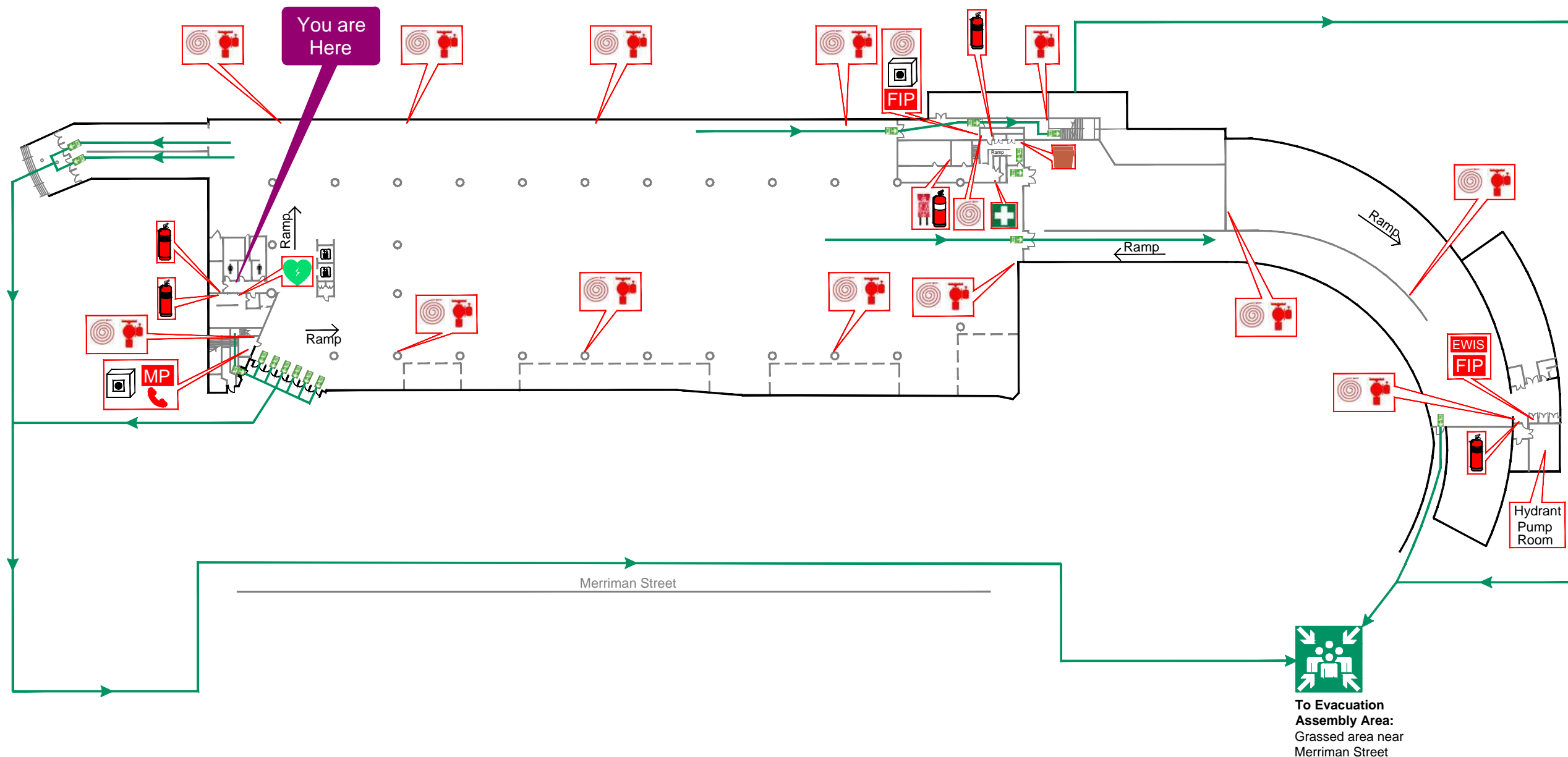
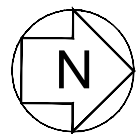


Emergency Warden Intercomm. System



EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



Barangaroo Cutaway

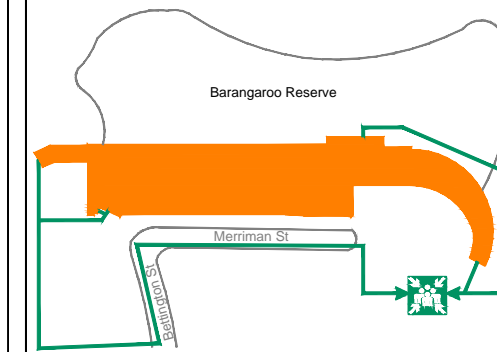
GROUND FLOOR
Town Place,
Millers Point NSW 2000

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Site Map



Valid Date: 25.05.2023 Version No: 1.0

Legend



Assembly Area

Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher

Fire Hydrant

Fire Hose Reel



Fire Blanket



First Aid Kit



Defibrillator



Spill Kit



Mimic Panel



Warden Intercom Phone



White Break Glass
Alarm



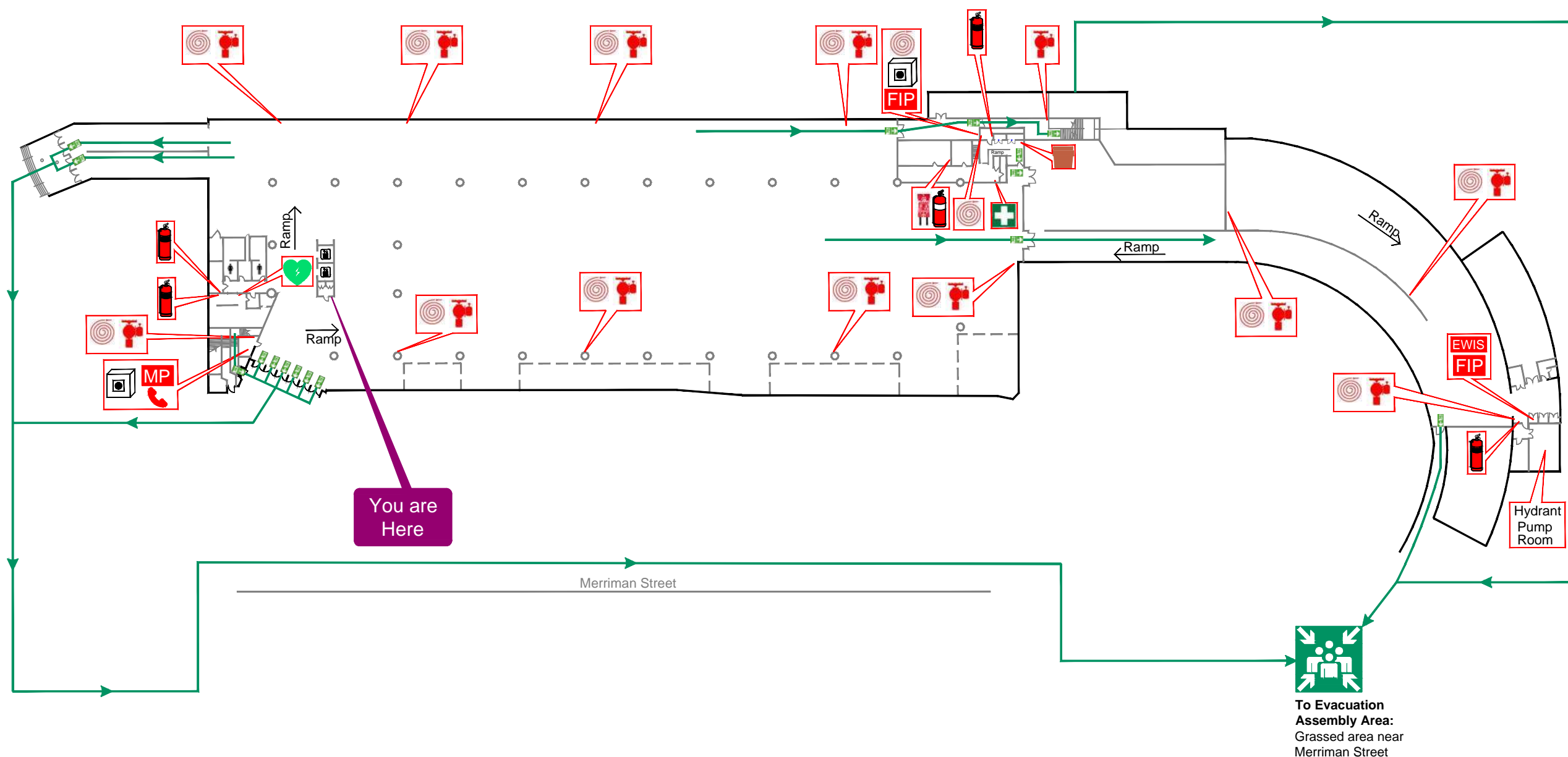
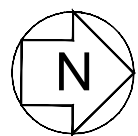
Fire Indicator Panel



Emergency Warden
Intercomm. System

EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



Barangaroo Cutaway

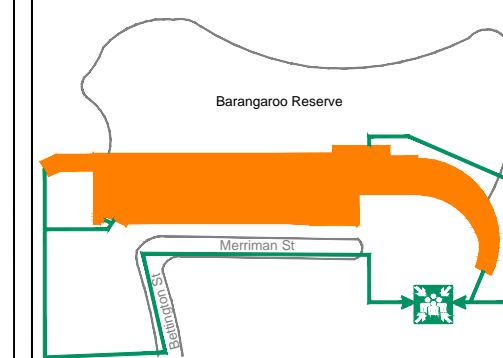
GROUND FLOOR
Town Place,
Millers Point NSW 2000

- R** Remove people from danger:
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Site Map



Valid Date: 25.05.2023 Version No: 1.0

Legend



Assembly Area



Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher



Fire Hydrant



Fire Hose Reel



Fire Blanket



First Aid Kit



Defibrillator



Spill Kit



Mimic Panel



Warden Intercom Phone



White Break Glass
Alarm



Fire Indicator Panel

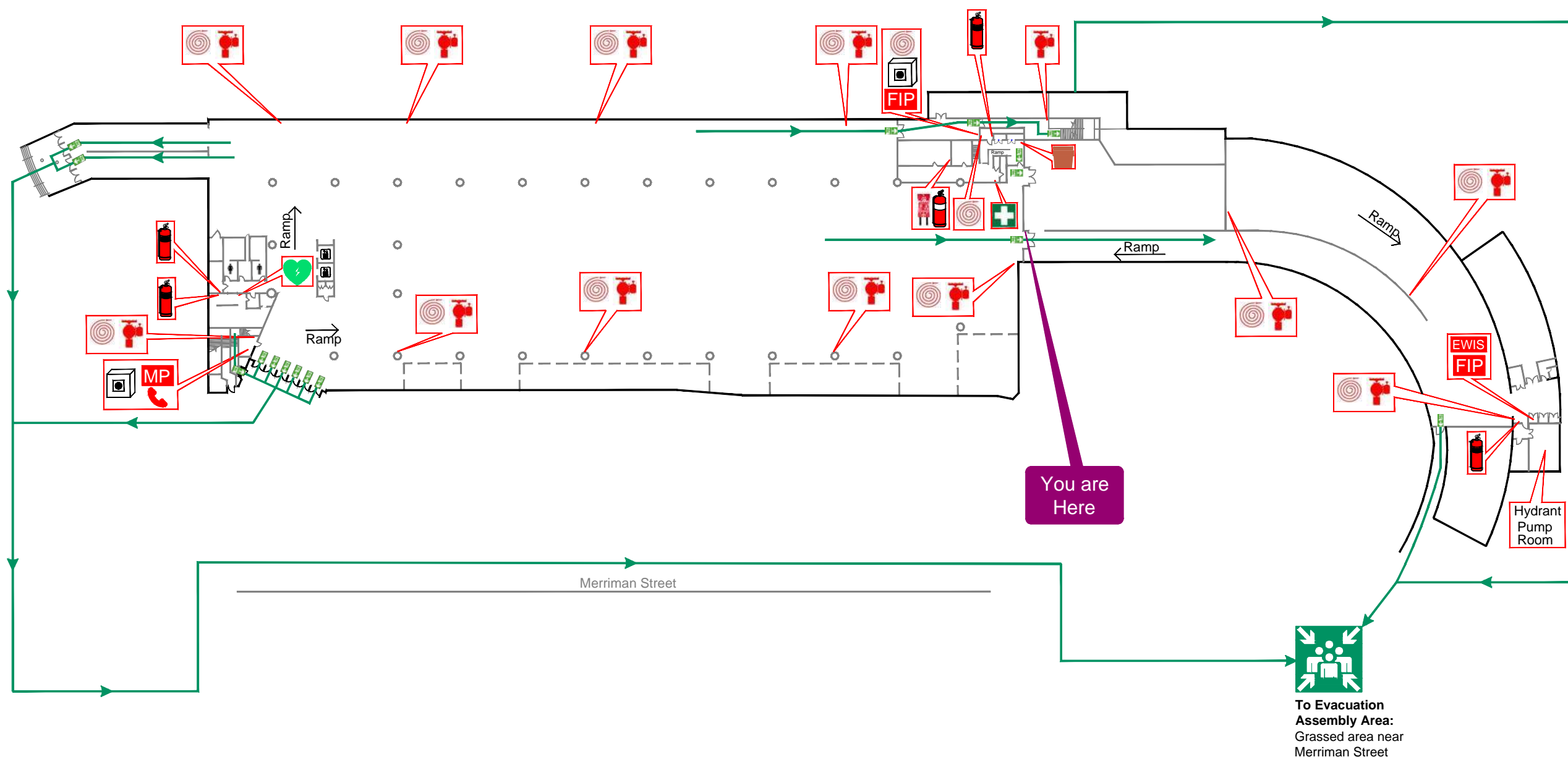
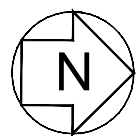


Emergency Warden
Intercomm. System



EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



Barangaroo Cutaway

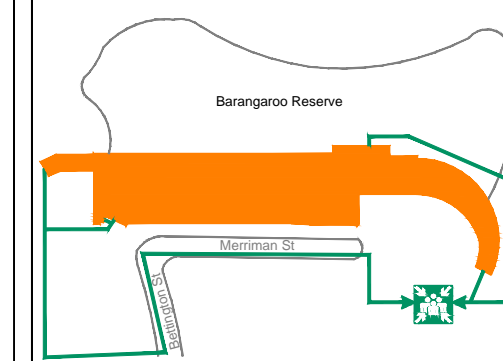
GROUND FLOOR
Town Place,
Millers Point NSW 2000

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Site Map



Valid Date: 25.05.2023 Version No: 1.0

Legend



Assembly Area

Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher

Fire Hydrant

Fire Hose Reel



Fire Blanket



First Aid Kit



Defibrillator



Spill Kit



Mimic Panel



Warden Intercom Phone



White Break Glass
Alarm



Fire Indicator Panel



Emergency Warden
Intercomm. System



EVACUATION SIGN/DIAGRAM

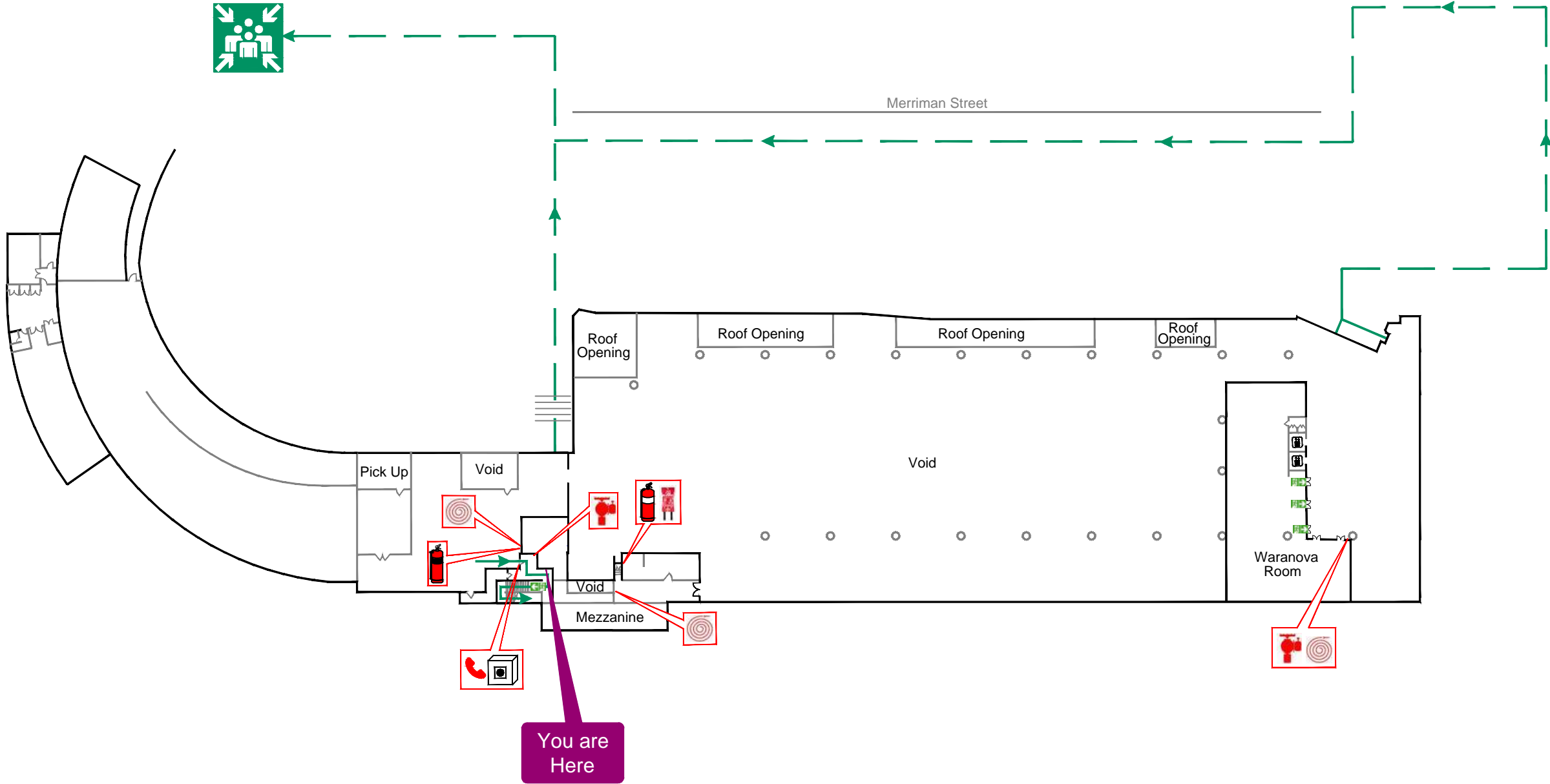
Dial 000 for
emergency
services



To Evacuation
Assembly Area:
Grassed area near
Merriman Street



Merriman Street



Barangaroo Cutaway

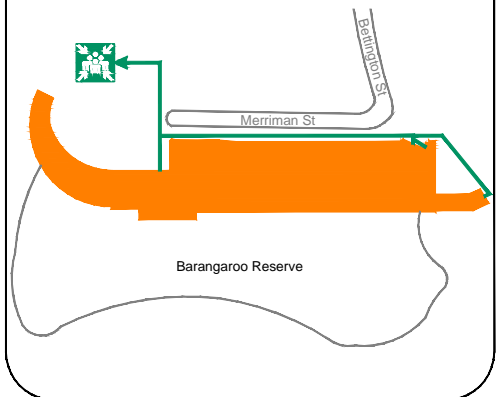
LEVEL 1
Town Place,
Millers Point NSW 2000

- R** Remove people from danger:
 - Yourself, staff and visitors
- A** Raise the *Alarm*:
 - Call Security on 02 9247 7231
 - Call 000
- C** Contain the fire:
 - Close doors behind you
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- Switch mobile phones to silent
- KEEP QUIET & REMAIN CALM
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- Await instructions of lockdown completion
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Site Map



Valid Date: 25.05.2023 Version No: 1.0

Legend



Assembly Area

Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher



Fire Hydrant



Fire Hose Reel



Fire Blanket



Warden Intercom Phone



White Break Glass Alarm



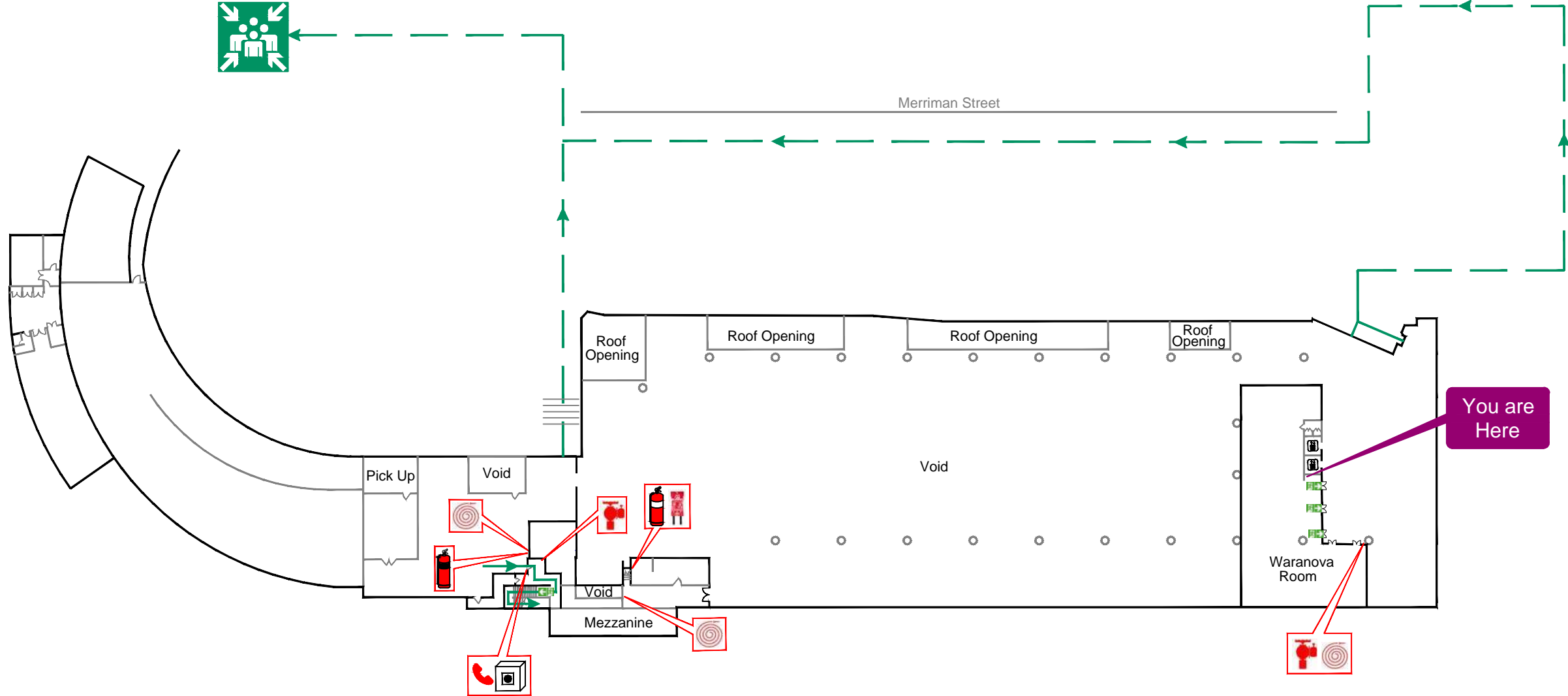
FirstAction
Emergency Ready

EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



To Evacuation
Assembly Area:
Grassed area near
Merriman Street



You are
Here

Barangaroo Cutaway

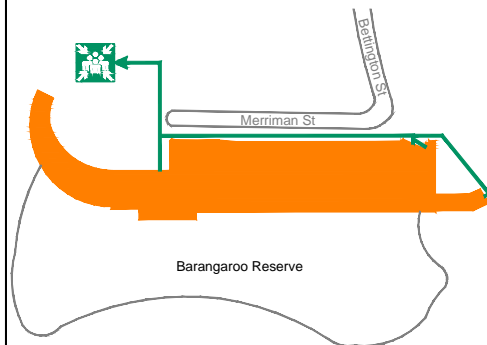
LEVEL 1
Town Place,
Millers Point NSW 2000

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Site Map



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Legend



Assembly Area

Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher



Fire Hydrant



Fire Hose Reel



Fire Blanket



Warden Intercom Phone



White Break Glass Alarm



FirstAction
Emergency Ready

EVACUATION SIGN/DIAGRAM

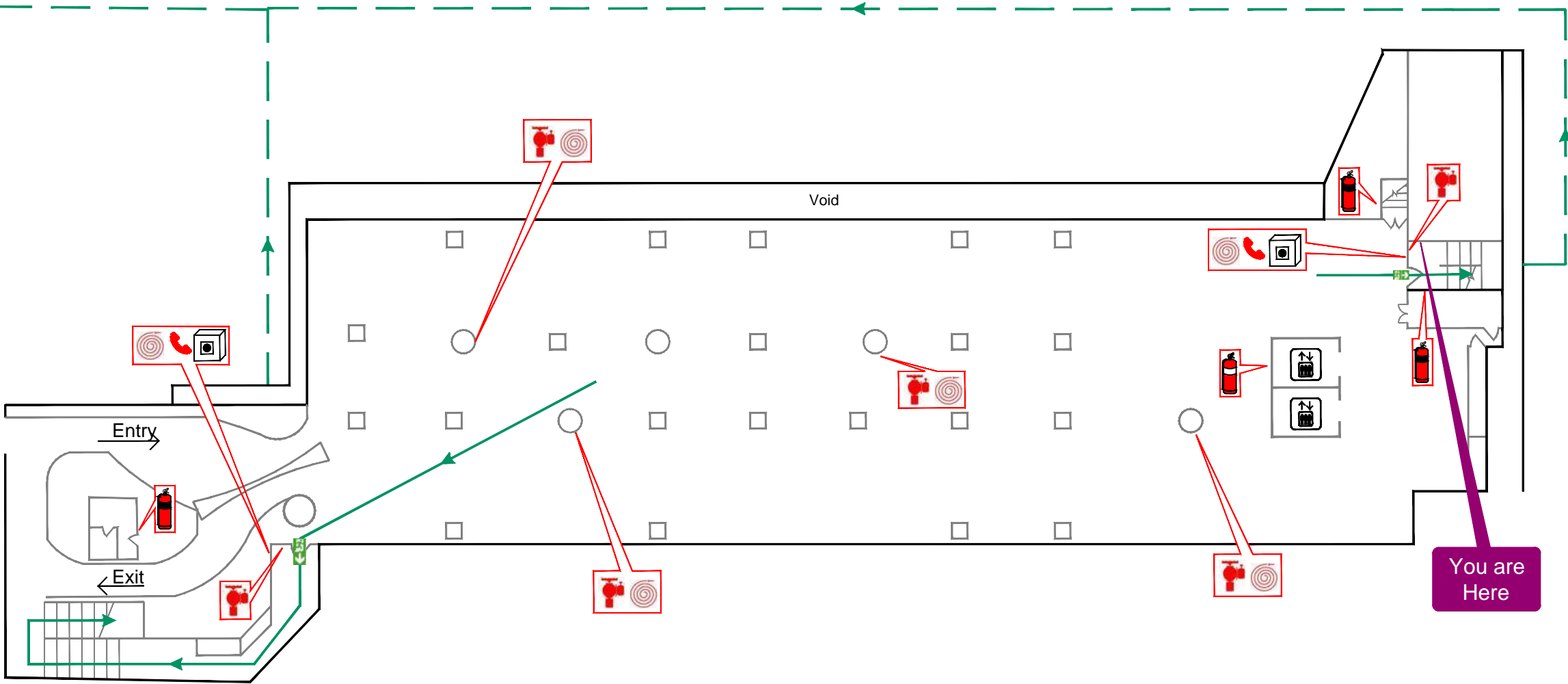
Dial 000 for
emergency
services



To Evacuation
Assembly Area:
Grassed area near
Merriman Street



Merriman Street



Barangaroo Cutaway

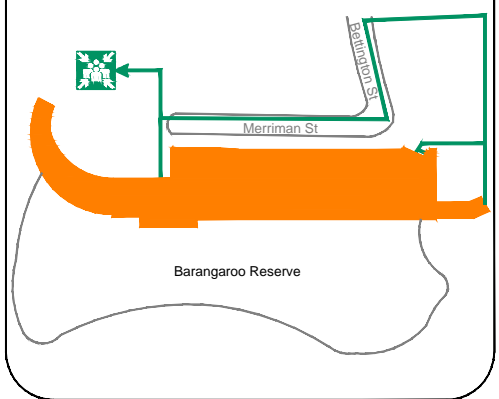
BASEMENT 1
Town Place,
Millers Point NSW 2000

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 - Go to the Assembly Area
 - Only attempt to extinguish fire if it's safe to do so

LOCKDOWN:

- Gather people together out of sight
- Close and lock doors & windows
- Close blinds & turn off lights
- Switch mobile phones to silent
- KEEP QUIET & REMAIN CALM
- Barricade door with furniture if necessary
- Await instructions of lockdown completion
- In a life threatening emergency call 000 for emergency assistance

Site Map



Valid Date: 25.05.2023 Version No: 1.0

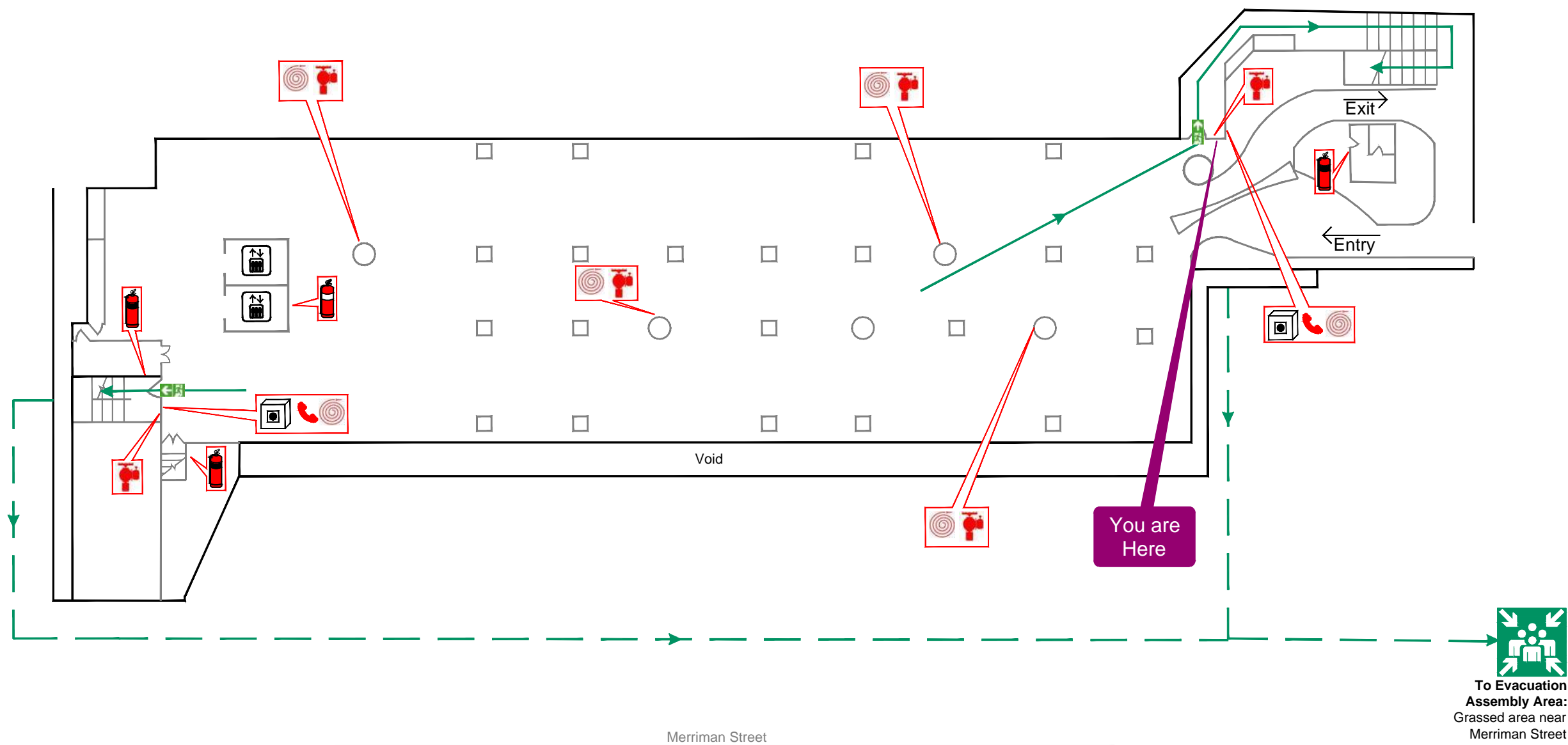
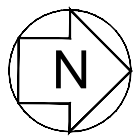
Legend

- Assembly Area
- Evacuation Route
- CO₂ Extinguisher
- Dry Chemical Extinguisher
- Fire Hydrant
- Fire Hose Reel
- Warden Intercom Phone
- White Break Glass Alarm



EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



Barangaroo Cutaway

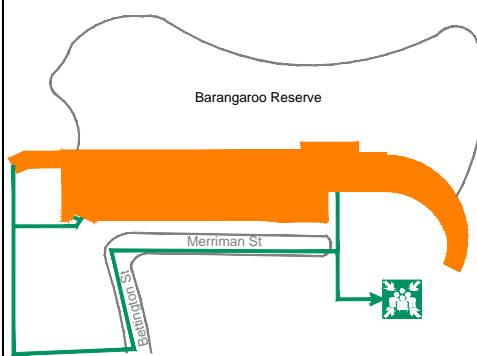
BASEMENT 1
Town Place,
Millers Point NSW 2000

- R** Remove people from danger:
 - Yourself, staff and visitors
- A** Raise the *Alarm*:
 - Call Security on 02 9247 7231
 - Call 000
- C** Contain the fire:
 - Close doors behind you
- E** Evacuate:
 - Go to the Assembly Area
 - Only attempt to extinguish fire if it's safe to do so

LOCKDOWN:

- Gather people together out of sight
- Close and lock doors & windows
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Legend



Assembly Area

Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher



Fire Hydrant



Fire Hose Reel



Warden Intercom Phone



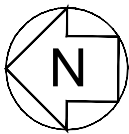
White Break Glass Alarm



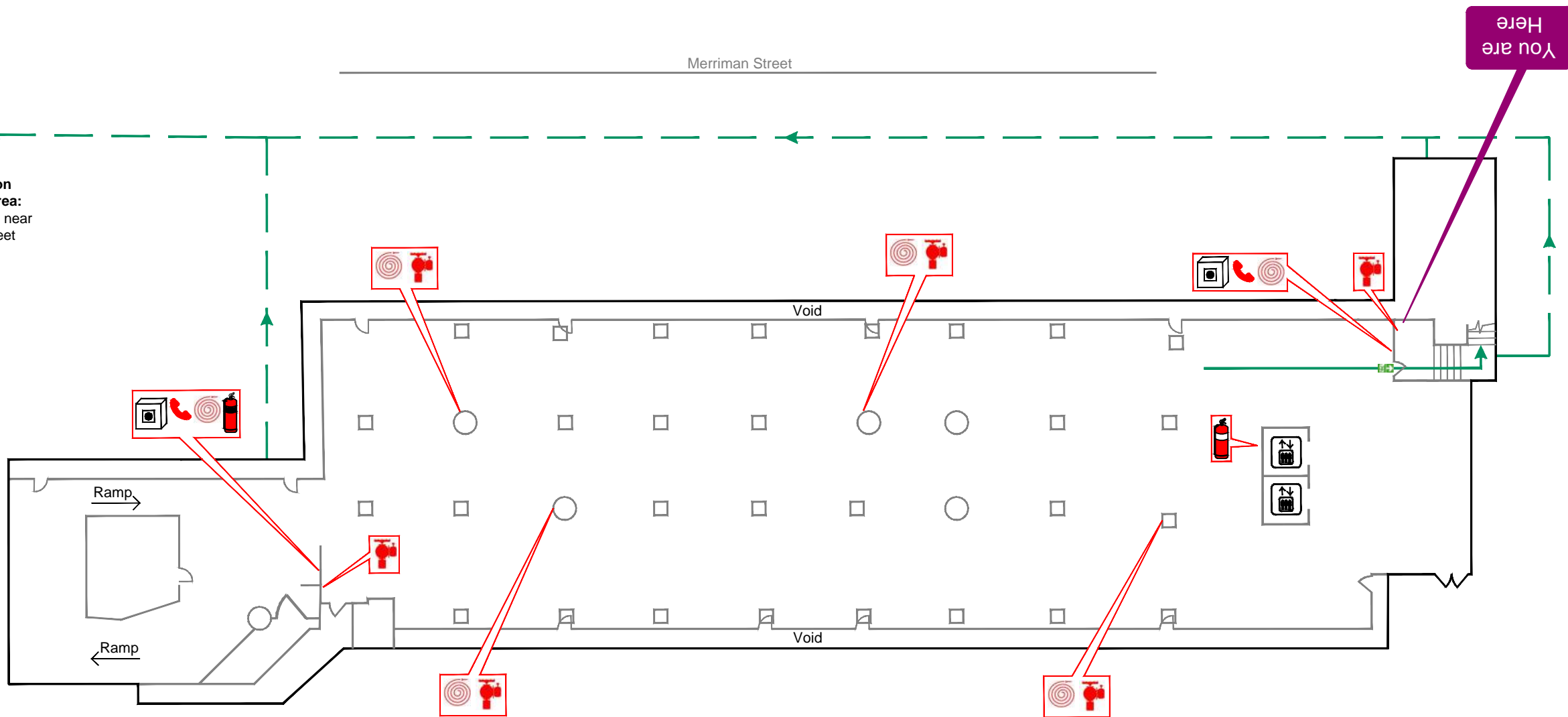
FirstAction
Emergency Ready

EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



To Evacuation
Assembly Area:
Grassed area near
Merriman Street



Barangaroo Cutaway

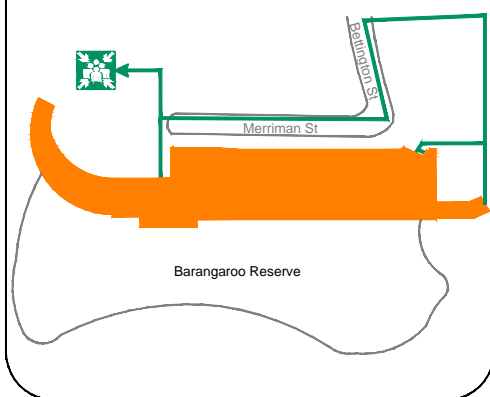
BASEMENT 2
Town Place,
Millers Point NSW 2000

- R** Remove people from danger:
- Yourself, staff and visitors
- A** Raise the *Alarm*:
- Call Security on 02 9247 7231
 - Call 000
- C** Contain the fire:
- Close doors behind you
- E** Evacuate:
- Go to the Assembly Area
 - Only attempt to extinguish fire if it's safe to do so

LOCKDOWN:

- Gather people together out of sight
- Close and lock doors & windows
- Close blinds & turn off lights
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- Barricade door with furniture if necessary
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Site Map



Valid Date: 25.05.2023 Version No: 1.0

Legend



Assembly Area



Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher



Fire Hydrant



Fire Hose Reel



Warden Intercom Phone



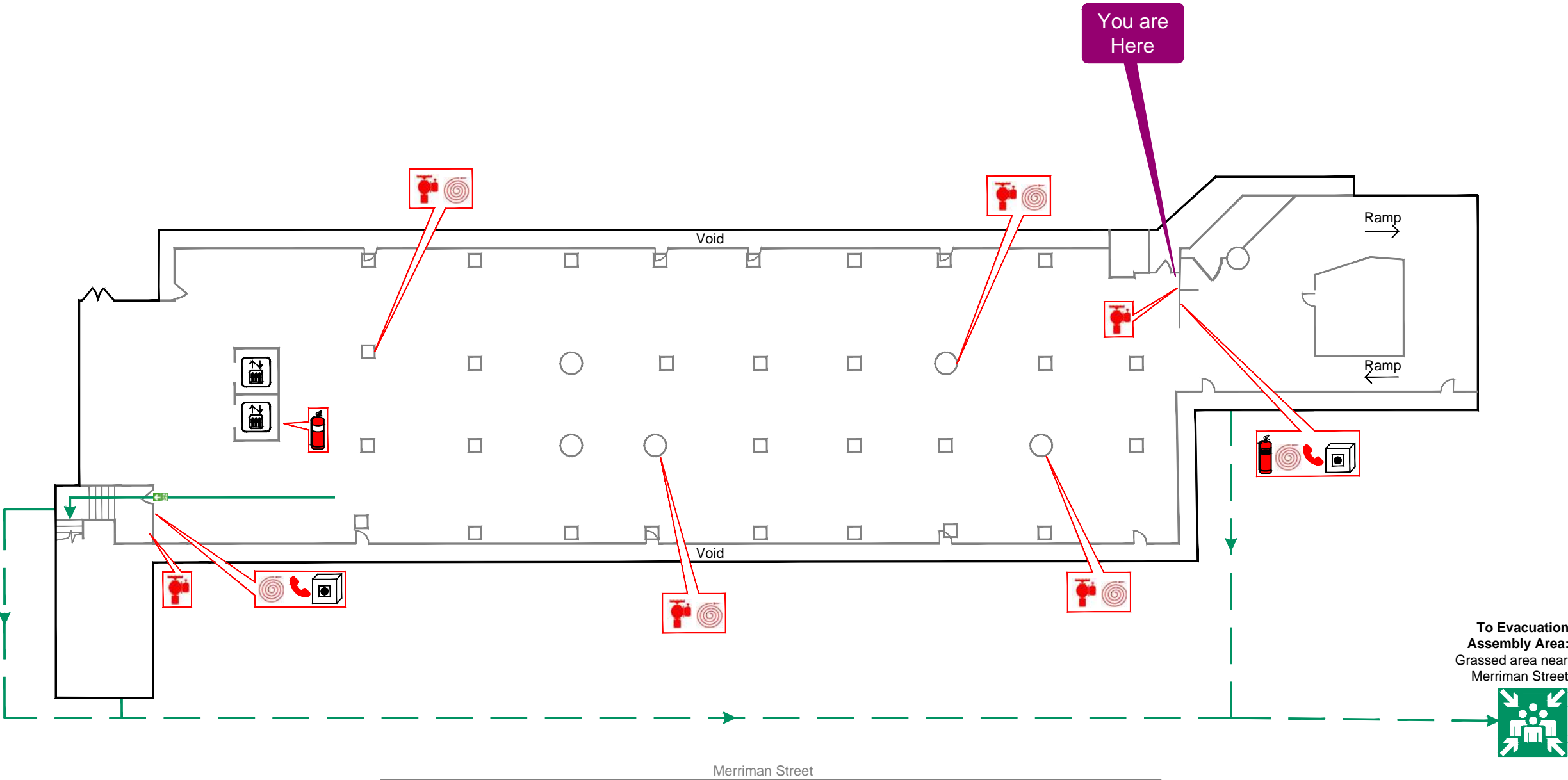
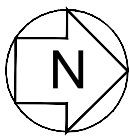
White Break Glass Alarm



FirstAction
Emergency Ready

EVACUATION SIGN/DIAGRAM

Dial 000 for
emergency
services



Barangaroo Cutaway

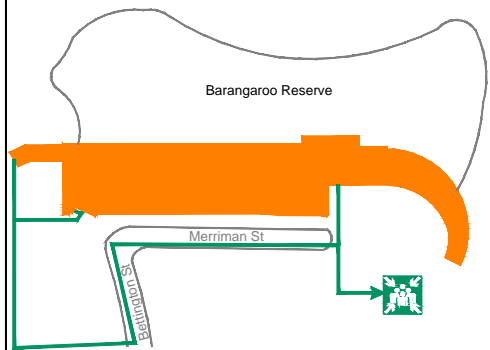
BASEMENT 2
Town Place,
Millers Point NSW 2000

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Assembly Area



Evacuation Route



CO₂ Extinguisher



Dry Chemical Extinguisher



Fire Hydrant



Fire Hose Reel



Warden Intercom Phone



White Break Glass Alarm



FirstAction
Emergency Ready