Confined Space Register & Risk Assessment Report

AMP Capital

Angel Place
123 Pitt Street
Sydney NSW

September 2022

RISKTECH Compliance

Confined Space Register & Risk Assessment

Report For	AMP Capital
Address	Angel Place 123 Pitt Street, Sydney NSW
Site Inspection By	David Bembrick Senior Consultant, RiskTech Compliance
Date of Inspection	13 September 2022
Conferred With	Cameron Holterman Facility Supervisor

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Document Revision Record

File Name	Prepared By	Reviewed By	Issue No.	Issue Date
AMP CS 123 Pitt Street Sydney NSW Sept22	David Bembrick Senior Consultant	Bernard Day General Manager	1	26/09/22

Contents

1. Executive Summary

Scope

RiskTech Compliance was commissioned by AMP Capital to undertake a confined space survey to identify potential confined spaces at Angel Place, 123 Pitt Street, Sydney NSW. David Bembrick, Senior Consultant of RiskTech Compliance conducted the site inspection on 13 September 2022.

Findings

The following is a summary of the types of confined spaces and number of each type of confined space identified on site:

Confined Space Type	No. Present	Labelled?	Secured?
Sub Soil Sump Pit	4	Yes	Yes
Sewerage Sump Pit	2	Yes	Yes
Grease Trap	1	No	Yes
Water Tank	1	Yes	Yes
Fuel Tanks	2	Yes	Yes
Service Pit	2	Some	Yes
Stormwater Drains	4	Yes	Yes

- 16 confined spaces were identified on the site of which the majority of spaces were appropriately labelled / signposted during the inspection.
- The confined spaces identified on site appeared to be generally appropriately locked or secured to prevent unauthorised access at the time of inspection.
- It is understood that the works within confined spaces are generally performed by contractors and that AMP Capital personnel are not required to enter any confined space.
- The AMP Capital Confined Space Entry Permit procedure is utilised for the site.
- RiskTech Compliance sighted appropriate licenses and certificates of competency for the contractors conducting works in confined spaces.
- Emergency response and rescue procedures and plans have not been developed. RiskTech Compliance understands that contractors will provide emergency response and rescue procedures and plans for confined space entries on site.

Recommendations

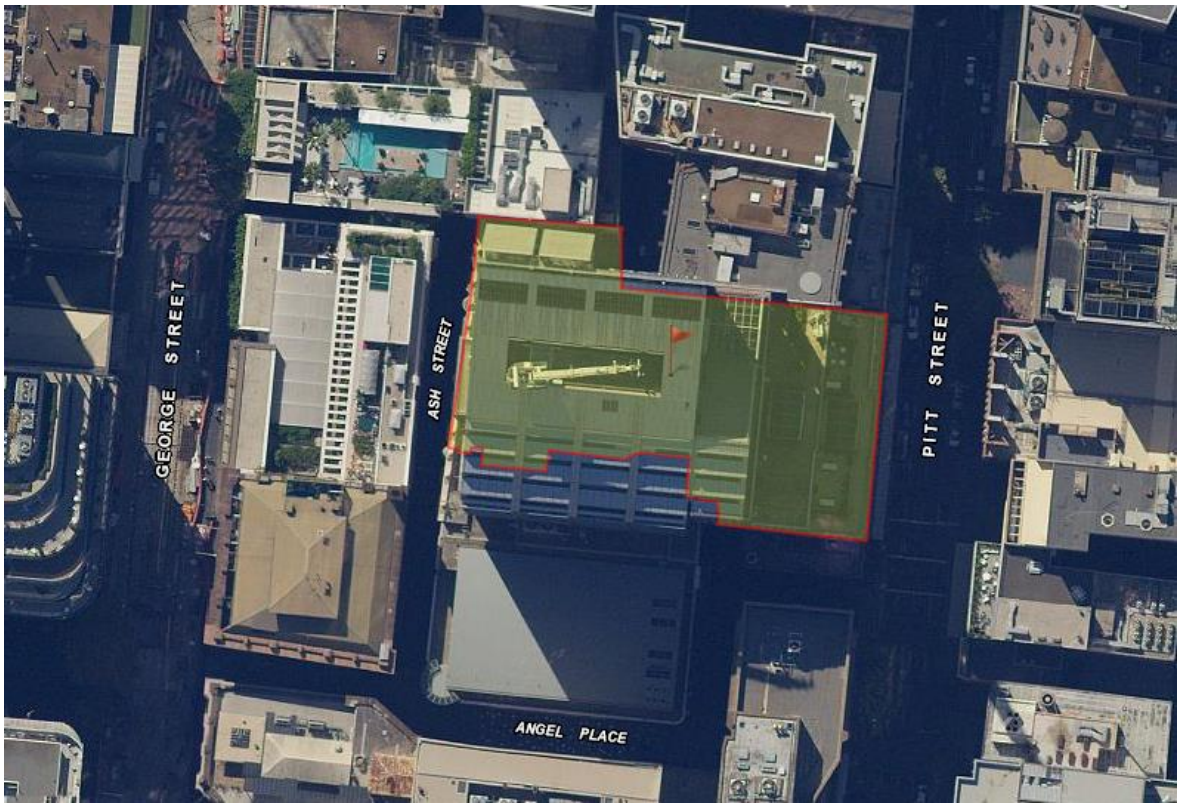
- Label confined spaces that are not currently labelled with appropriate confined spaces signage and ensure labelling is legible.
- Only Confined Space-trained contractors or employees should conduct work in confined space areas.
- Ensure the AMP Capital confined spaces procedure and permit system is utilised on site.
- Ensure that contractors' documentation (i.e. Safe Work Method Statements, Job Safety Analysis, etc.) includes emergency response and rescue procedures / plans for the site and obtain evidence prior to entry.
- Ensure a risk assessment specific for the works that are being conducted is completed prior to entry into a confined space.
- Retain the Confined Space Register and Risk Assessment and all records on site and review/update the Confined Space Register and Risk Assessment on a regular basis.

2. Introduction

RiskTech Compliance was commissioned by AMP Capital to undertake a confined space survey to identify potential confined spaces at Angel Place, 123 Pitt Street, Sydney NSW. David Bembrick, Senior Consultant of RiskTech Compliance conducted the site inspection on 13 September 2022.

2.1 Site Description

Site Address	Angel Place 123 Pitt Street, Sydney NSW
Construction Date	Constructed 1999
Site Type	Commercial
Levels	32 Levels + 5 Plant Room Levels + 5 Levels underground car parking
Description	The site consists of a 35 Level commercial building located in Sydney CBD. Plant rooms are located on Levels 3, 4, 32, 33 & 34. A total of 5 underground parking areas/levels is provided below the building with a loading dock on the Lower Ground Level.



Site Location: 123 Pitt Street, Sydney NSW Image courtesy SixMaps 2022

3. Scope/Methodology

3.1 Scope

The principal objectives of this assessment were to:

- Inspect specific and representative accessible areas of the site to identify confined spaces;
- Identify the potential hazards that workers may be exposed to when entering those confined spaces; and
- Prepare a confined space register and conduct a risk assessment on each type of confined space and document the findings.

The site was occupied at the time of assessment and the assessment was conducted during normal business hours.

3.2 Methodology

Confined spaces were identified and assessed in accordance with:

- NSW *Work Health & Safety Regulation* 2017, Part 4.3 Confined Spaces;
- *SafeWork NSW Code of Practice Confined Spaces, 2019*; and
- *Australian Standard (AS) 2865:2009 – Confined Spaces*.

A confined space register for the site is included in **Appendix 1**, which contains the following information:

- Type of confined space (e.g. sewer, stormwater drain, grease arrestor pit)
- Location of the confined space
- Assigned confined space number
- Photograph of the confined space, in most instances
- Whether the confined space is labelled or signposted

Following the identification of each type of confined space, a risk assessment was conducted which considered the nature of the confined space including the location, frequency of entry, work performed, the nature of the hazards and controls currently in place.

Risk assessments for each type of Confined Spaces are included in **Appendix 2**. It should be noted that these risk assessments are for guidance only and a job specific risk assessment must be undertaken prior to entering any confined space at the site.

A risk assessment of the types of confined space was undertaken, in which a risk rating of Low, Medium, High or Extreme was assigned to each hazard using the Risk Assessment Matrix located in **Appendix 3**. In addition, existing and recommended control measures are presented in the generic risk assessments.

The key hazards identified were assessed for each type of confined space, which were derived from the *SafeWork NSW Code of Practice Confined Spaces, 2019* and *AS 2865:2009 Confined Spaces.* The key hazards included restricted entry or exit, harmful airborne contaminants, unsafe oxygen level, fire and explosion, engulfment, uncontrolled introduction of substances, biological hazards, mechanical hazards, electrical hazards, skin contact with hazardous substances, manual tasks, radiation, environmental hazards, hazards outside the traffic hazards (e.g., traffic hazards).

In undertaking a determination whether a space is a 'confined space' on site, each item must meet the definition criteria listed in a, b and c to be classified a Confined Space (Refer to Section 3.2.1 below).

Typical examples of confined spaces include (but not limited to):

- Sewer drains;
- Stormwater drains/sump pits
- Grease arrestor traps and trade waste pits
- Water tanks
- Silos or product storage tanks

Definition

Confined Space: an enclosed or partially enclosed space that:

a. is not designed or intended primarily to be occupied by a person; and
b. is, or is designed or intended to be, at normal atmospheric pressure while any person is in the space, and
c. is or is likely to be a risk to health and safety from:
    i. an atmosphere that does not have a safe oxygen level; or
    ii. contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion, or
    iii. harmful concentrations of any airborne contaminants, or
    iv. engulfment.

but does not include a mine shaft or the workings of a mine.

NSW Work Health & Safety Regulation 2017

What is not a confined space?

- Places that are intended for human occupancy and have adequate ventilation, lighting and safe means of entry and exit, such as offices, plant / electrical switch rooms and workshops;
- Some enclosed or partially enclosed spaces that at particular times have harmful airborne contaminants but are designed for a person to occupy, for example abrasive blasting or spray painting booths; and
- Enclosed or partially enclosed spaces that are designed to be occasionally occupied by a person if the space has a readily and conveniently accessible means of entry and exit via a doorway at ground level such as fumigated containers, cool store accessed by a forklift, etc.

3.3 Legislative Requirements

The following key issues are outlined in the *NSW Work Health & Safety Regulation, 2017*.

Risk Assessment

A written risk assessment needs to be carried out to manage the risk related to a confined space including risks associated with entering, working in/in the close vicinity of a confined space. The risk assessment must be carried out in accordance with Section 3 of the *SafeWork NSW Code of Practice Confined Spaces, 2019*.

A single or generic risk assessment may be carried out for a class of confined spaces in a number of different work areas or workplaces where the confined spaces are the same. A risk assessment must be carried out on individual confined spaces if there is any likelihood that a worker may be exposed to greater, additional or different risks.

Permit to Work

A Person Conducting Business or Undertaking (PCBU) must not allow a worker to enter a confined space to carry out work unless the person has issued a confined space entry permit for the work.

The permit must be completed in writing by a competent person and:

- Specify the confined space to which the permit relates;
- Record the names of persons permitted to enter the confined space and the period of time that the work will be carried out;
- Set out risk control measures based on the risk assessment; and
- Contains a space for an acknowledgement that work in the confined space has been completed and all workers have left the space.

The permit must be kept until the work is completed or if a notifiable incident occurs, for at least 2 years after the confined space work to which the permit relates is completed.

Working in Confined Spaces

Work in confined spaces must be carried out in accordance with Part 4.3 of the *NSW Work Health & Safety Regulation 2017, SafeWork NSW Code of Practice Confined Spaces, 2019* and following the guidelines of *AS 2865:2009 Confined Spaces.*

Items to consider include:

- Isolation of potentially hazardous services prior to entry;
- Constant communication with workers entering the space;
- Monitoring of conditions within the space;
- Signage of spaces before and during entry to confined spaces;
- Purging of contaminants;
- Not introducing an ignition source; &
- Limiting the atmospheric concentrations of flammable gases and vapours.

Emergency Procedures

A PCBU must establish first aid and rescue procedures to be followed in an emergency and ensure those procedures are practiced as necessary to ensure that they are efficient and effective. The PCBU must also ensure that openings for entry and exit are of a sufficient size to allow emergency access, openings are not obstructed and any plant, equipment and personnel protective equipment provided for first aid or emergency rescue are maintained in good working order.

3.4 Limitations

RiskTech does not open or enter potential confined spaces during the site inspection. Judgement was made based on the markings on the gatic covers, location of the space and surrounding area and relevant information. These spaces were deemed to be confined spaces unless proven otherwise.

The nature of the hazards in most confined spaces is variable, depending on the presence of water or sludge and consequently it is recommended that all such locations be approached with caution prior to entry. Warnings should be provided to all workers prior to commencing work on any pit located on the site.

In addition, should any further potential confined spaces be identified on site, a risk assessment should be conducted in accordance with the above methodology and, if it is classified as a confined space, added to the register and appropriate controls implemented.

3.5 Discussion

The risks presented by the Confined Spaces at Angel Place, 123 Pitt Street, Sydney NSW may be reduced by a number of control mechanisms put in place. These include:

- Confined Spaces Training for relevant employees (if any) and contracted personnel;
- Gas Detectors available on site;
- Confined Spaces Policy/Procedures (including emergency rescue procedures/plans);
- Confined Spaces Entry Permit; and
- Permit to Enter/Permit to Work

All employees and contractors who may enter a confined space are to be made aware of the following during induction/training:

- Do not enter the space unless absolutely necessary. That is, conduct work from outside the space wherever possible;
- Do not enter the space unless a Confined Space Entry Permit has been issued;
- Any task requiring the worker's head to enter the space should be conducted as confined space entry;
- Gas testing should occur in every confined space prior to entry, particularly where water or sludge is present; and
- Do not enter a confined space without an emergency/escape plan in place.

All workers (i.e. employees and/or contractors) who are required to perform confined space entry are to be provided with accredited confined space training by a Registered Training Organisation (RTO).

Labelling

It is best practice that all spaces identified as confined spaces are labelled in accordance with Section 3.2.2 of *AS2865:2009 Confined Spaces*. e.g.

It is noted, the majority of confined spaces on site were appropriately labelled.

Security

All identified confined spaces should have the means of entry secured from unauthorised entry via the use of a secure locking mechanism, where practicable. It should be ensured that these locks are relocked after works are carried out to ensure the access remains restricted.

Training

Only specifically confined space entry trained workers should conduct work in confined spaces. All workers working near these spaces should be made aware of the nature of the risks, entry permit requirements and the need to refer all entry to properly trained personnel. This may occur via the employee / contractor induction programs that refer to the Confined Space Register.

Record Keeping

- This report must be kept for a period of 5 years after the date of preparation.
- Entry Permits must be kept until the work is completed, or if a notifiable incident occurs, for at least 2 years after the confined space work to which the permit relates is completed.
- A risk assessment for a confined space must be kept for 28 days, or if a notifiable incident occurs in connection with the work to which the assessment relates, for 2 years after the incident occurs.

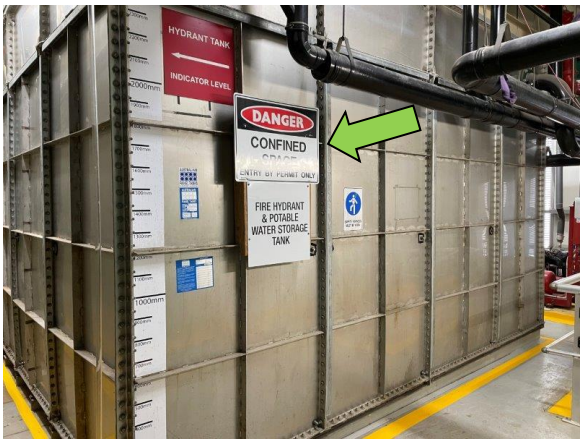
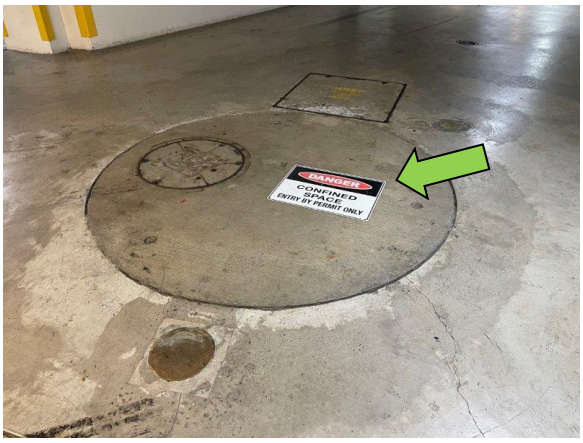
4. Findings

- A total of 16 confined spaces were identified on site and the details of each confined space identified is presented in the confined space register included in **Appendix 1**.
- The type of confined space and the number of each type of confined space identified on site are tabulated below:

Confined Space Type	No. Present	Labelled?	Secured?
Sub Soil Sump Pit	4	Yes	Yes
Sewerage Sump Pit	2	Yes	Yes
Grease Trap	1	No	Yes
Water Tank	1	Yes	Yes
Fuel Tanks	2	Yes	Yes
Service Pit	2	Some	Yes
Stormwater Drains	4	Yes	Yes

- The majority of confined spaces identified on site were appropriately labelled / signposted at the time of inspection.
- The confined spaces identified on site appeared to be generally appropriately locked or secured to prevent unauthorised access at the time of inspection.
- It is understood that the works within confined spaces are generally performed by contractors and that AMP Capital personnel are not required to enter any confined space.
- Emergency response and rescue procedures and plans have not been developed. RiskTech Compliance understands that contractors will provide emergency response and rescue procedures and plans for confined space entries on site.
- RiskTech sighted appropriate licenses and certificates of competency for the contractors conducting works in confined spaces on site (e.g. sub soil pits inspections).

4.1 Photographs

	
Water tanks in the Level 33 Plant Room with appropriate confined spaces labelling	Stormwater pit on Level B5 with appropriate confined spaces labelling
	
Subsoil sump pit on level in the car park with appropriate confined spaces labelling	Sub soil sump pit in the Lower Ground Level Loading dock Area with appropriate confined spaces labelling
	
Grease Trap on Level B4 without appropriate confined spaces labelling	Service pit in the Cleaner's Store Room without appropriate confined spaces labelling

5. Recommendations

- Label all confined spaces on site identified within the Confined Space Register in accordance with *AS2865:2009 Confined Spaces* and with *AS1319:1994 Safety Signs for the Occupational Environment* and ensure labelling is legible.
- Only Confined Space-trained contractors or employees should conduct work in confined space areas. Training must be provided prior to entry and working in such a space.
- Ensure the AMP Capital confined spaces procedure and permit system is utilised on site in accordance with the *NSW Work Health & Safety Regulation 2017, SafeWork NSW Code of Practice Confined Spaces, 2019* and *Australian Standard (AS) 2865:2009 – Confined Spaces*.
- Ensure that contractors' documentation (i.e. Safe Work Method Statements, Job Safety Analysis, etc.) includes emergency response and rescue procedures and plans for the site in accordance with *Part 4.3, Clause 74 of the NSW WHS Regulation 2017* and with *Chapter 6 of SafeWork NSW Code of Practice Confined Spaces, 2019* and obtain evidence prior to entry.
- Ensure a risk assessment specific for the works that are being conducted is completed prior to entry into a confined space. Records of training must be provided prior to entry and working in such a space.
- Retain the Confined Space Register and Risk Assessment and all records on site and review/update the Confined Space Register and Risk Assessment on a regular basis (e.g. every 5 years) or if any changes occur.

Refer to **Appendix 2** for specific recommendations for each type of confined space.

Appendix 1 Confined Space Register

Site:	**Angel Place, 123 Pitt Street, Sydney NSW**
Assessed by:	**David Bembrick, RiskTech Compliance** **Date: 13/09/2022**

Confined Space Type	Location	Confined Space No.	Photo	Signage Present
Level 33				
Water Tanks 1x 36,000L 1x 75,000L	Plant Room – Hydrant Pump Room	1-2		Yes
Lower Ground Level				
Sub Soil; Sump Pit	Loading Dock, Loading Bay	3		Yes
Service Pit	Loading Dock, Cleaners Store Room	4		No
Level B4				
Grease Trap	Car Park – Grease Trap Room	5		No
Level B5				
Sub Soil; Sump Pits x3	Car Park, Driveway Areas	6-8		Yes

Confined Space Type	Location	Confined Space No.	Photo	Signage Present
Sewerage Sump Pit x2	Car Park, Sewerage Pump Room	9-10		Yes
Service Pit	Car Parking Area, Adjacent Fuel Tank Room	11		Yes
Fuel Tanks x2	Car Park, Fuel Tank Room	12-13		Yes
Stormwater Drains x4	Car Park, Parking Areas	14-17		Yes

Appendix 2 Confined Space Risk Assessments

CONFINED SPACE RISK ASSESSMENT			
Site Location:	123 Pitt Street, Sydney NSW		
Assessment by:	David Bembrick, RiskTech Compliance	**Date:**	13/9/2022
Type of Confined Space	Sub Soil Pits		
Confined Space Locations:	Lower Ground, Loading Dock & Level B5 Car Park		

Does the Location meet the Requirements of a Confined Space?	**Yes**	**No**
• Is not designed or intended primarily to be occupied by a person; and	Yes	No
• Is, or is designed or intended to be, at atmospheric pressure while any person is in the space; and	Yes	No
• Is or is likely to be a risk to health and safety from:		
▪ An atmosphere that does not have a safe oxygen level; or	Yes	No
▪ Contaminants, including airborne gases, vapours & dust, that may cause injury from fire or explosion;	Yes	No
▪ Harmful concentration of any airborne contaminants, or	Yes	No
▪ Engulfment	Yes	No

Hazard	**Risk Ranking**
Restricted entry or exit	**Medium**
Harmful airborne contaminants	**High**
Unsafe oxygen level	**Medium**
Fire and explosion	**Medium**
Engulfment	**High**
Uncontrolled introduction of substances	**Medium**
Biological hazard	**Medium**
Mechanical hazards	**Medium**
Electrical hazards	**Low**
Skin contact with hazardous substances	**Low**
Manual tasks	**Medium**
Radiation	**Low**
Environmental hazards	**Low**
Hazards outside confined space (e.g. traffic hazards)	**Medium - High**

Comments / Recommendations

The sub soil pits were suitably secured to reduce the risk of unauthorised access.
The sub soil pits were appropriately labelled as confined spaces.
Ensure access to the sub soil pits is restricted to authorised/trained personnel.
Ensure the confined space entry permit is filled out prior to works commencing.
Refer to Sections 3 and 5 of this report for further control information and recommendations.

CONFINED SPACE RISK ASSESSMENT

Site Location:	123 Pitt Street, Sydney NSW		
Assessment by:	David Bembrick, RiskTech Compliance	**Date:**	13/9/2022
Type of Confined Space	Sewer Pits		
Confined Space Locations:	Level B5 Car Park, Sewerage Pump Room		

Does the Location meet the Requirements of a Confined Space?	**Yes**	**No**
• Is not designed or intended primarily to be occupied by a person; and	Yes	No
• Is, or is designed or intended to be, at atmospheric pressure while any person is in the space; and	Yes	No
• Is or is likely to be a risk to health and safety from:		
▪ An atmosphere that does not have a safe oxygen level; or	Yes	No
▪ Contaminants, including airborne gases, vapours & dust, that may cause injury from fire or explosion;	Yes	No
▪ Harmful concentration of any airborne contaminants, or	Yes	No
▪ Engulfment	Yes	No

Hazard	**Risk Ranking**
Restricted entry or exit	**Medium**
Harmful airborne contaminants	**High**
Unsafe oxygen level	**High**
Fire and explosion	**Medium**
Engulfment	**High**
Uncontrolled introduction of substances	**Medium**
Biological hazard	**High**
Mechanical hazards	**Low**
Electrical hazards	**Low**
Skin contacts with hazardous substances	**High**
Manual tasks	**Medium**
Radiation	**Low**
Environmental hazards	**Low**
Hazards outside confined space (e.g. traffic hazards)	**Low**

Comments / Recommendations

The sewer pit was suitably secured to reduce the risk of unauthorised access.
The sewer pit was appropriately labelled as a confined space.
Ensure access to the sewer pit is restricted to authorised/trained personnel.
Ensure the confined space entry permit is filled out prior to works commencing.
Refer to Sections 3 and 5 of this report for further control information and recommendations.

CONFINED SPACE RISK ASSESSMENT

Site Location:	123 Pitt Street, Sydney NSW		
Assessment by:	David Bembrick, RiskTech Compliance	**Date:**	13/9/2022
Type of Confined Space	Grease Trap		
Confined Space Locations:	Level B4 Car Park – Grease Trap Room		

Does the Location meet the Requirements of a Confined Space?	**Yes**	**No**
• Is not designed or intended primarily to be occupied by a person; and	Yes	No
• Is, or is designed or intended to be, at atmospheric pressure while any person is in the space; and	Yes	No
• Is or is likely to be a risk to health and safety from:		
▪ An atmosphere that does not have a safe oxygen level; or	Yes	No
▪ Contaminants, including airborne gases, vapours & dust, that may cause injury from fire or explosion.	Yes	No
▪ Harmful concentration of any airborne contaminants, or	Yes	No
▪ Engulfment	Yes	No

Hazard	**Risk Ranking**
Restricted entry or exit	**Low**
Harmful airborne contaminants	**High**
Unsafe oxygen level	**High**
Fire and explosion	**Medium**
Engulfment	**High**
Uncontrolled introduction of substances	**Medium**
Biological hazard	**Medium**
Mechanical hazards	**Low**
Electrical hazards	**Low - Medium**
Skin contacts with hazardous substances	**High**
Manual tasks	**Medium**
Radiation	**Low**
Environmental hazards	**Low**
Hazards outside confined space (e.g. traffic hazards)	**Low**

Comments / Recommendations

The grease trap was suitably secured to reduce the risk of unauthorised access, however this space was not labelled as a confined space. It is recommended this be labelled a confined space where practical.

Ensure access to the grease trap is restricted to authorised/trained personnel.

Ensure the confined space entry permit is filled out prior to works commencing.

Refer to Sections 3 and 5 of this report for further control information and recommendations.

CONFINED SPACE RISK ASSESSMENT

Site Location:	123 Pitt Street, Sydney NSW		
Assessment by:	David Bembrick, RiskTech Compliance	**Date:**	13/9/2022
Type of Confined Space	Water Tanks		
Confined Space Locations:	Level 33, Plant Room – Hydrant Pump Room		

Does the Location meet the Requirements of a Confined Space?	**Yes**	**No**
• Is not designed or intended primarily to be occupied by a person; and	Yes	No
• Is, or is designed or intended to be, at atmospheric pressure while any person is in the space; and	Yes	No
• Is or is likely to be a risk to health and safety from:		
▪ An atmosphere that does not have a safe oxygen level; or	Yes	No
▪ Contaminants, including airborne gases, vapours & dust, that may cause injury from fire or explosion;	Yes	No
▪ Harmful concentration of any airborne contaminants, or	Yes	No
▪ Engulfment	Yes	No

Hazard	**Risk Ranking**
Restricted entry or exit	**High**
Harmful airborne contaminants	**Medium**
Unsafe oxygen level	**Medium**
Fire and explosion	**Low**
Engulfment	**High**
Uncontrolled introduction of substances	**High**
Biological hazard	**Medium**
Mechanical hazards	**Low**
Electrical hazards	**Low**
Skin contact with hazardous substances	**Low**
Manual tasks	**Low**
Radiation	**Low**
Environmental hazards	**Low**
Hazards outside confined space (e.g. traffic hazards)	**Low - Medium**

Comments / Recommendations

The water tanks were suitably secured to reduce the risk of unauthorised access.
The water tanks were appropriately labelled as confined spaces.
Ensure access to the water tanks is restricted to authorised/trained personnel.
Ensure the confined space entry permit is filled out prior to works commencing.
Refer to Sections 3 and 5 of this report for further control information and recommendations.

CONFINED SPACE RISK ASSESSMENT			
Site Location:	123 Pitt Street, Sydney NSW		
Assessment by:	David Bembrick, RiskTech Compliance	**Date:**	13/9/2022
Type of Confined Space	Diesel Fuel Tanks		
Confined Space Locations:	Level B5 Car Park, Fuel Tank Room		

Does the Location meet the Requirements of a Confined Space?	**Yes**	**No**
• Is not designed or intended primarily to be occupied by a person; and	Yes	or No
• Is, or is designed or intended to be, at atmospheric pressure while any person is in the space; and	Yes	or No
• Is or is likely to be a risk to health and safety from:		
▪ An atmosphere that does not have a safe oxygen level; or	Yes	or No
▪ Contaminants, including airborne gases, vapours & dust, that may cause injury from fire or explosion;	Yes	or No
▪ Harmful concentration of any airborne contaminants, or	Yes	or No
▪ Engulfment	Yes	or No

Hazard	**Risk Ranking**
Restricted entry or exit	**High**
Harmful airborne contaminants	**Extreme**
Unsafe oxygen level	**Extreme**
Fire and explosion	**High**
Engulfment	**High**
Uncontrolled introduction of substances	**Medium**
Biological hazard	**Medium**
Mechanical hazards	**Low**
Electrical hazards	**Low**
Skin contacts with hazardous substances	**Medium**
Manual tasks	**Medium**
Radiation	**Low**
Environmental hazards	**High**
Hazards outside confined space (e.g. traffic hazards)	**Low**

Comments / Recommendations

The diesel fuel tanks were suitably secured to reduce the risk of unauthorised access.
The diesel fuel tanks were appropriately labelled as confined spaces.
Ensure access to the diesel fuel tanks is restricted to authorised/trained personnel.
Ensure the confined space entry permit is filled out prior to works commencing.
Refer to Sections 3 and 5 of this report for further control information and recommendations.

CONFINED SPACE RISK ASSESSMENT

Site Location:	123 Pitt Street, Sydney NSW		
Assessment by:	David Bembrick, RiskTech Compliance	**Date:**	13/9/2022
Type of Confined Space	Stormwater Drains		
Confined Space Locations:	Level B5 Car Park, Car Parking Areas		

Does the Location meet the Requirements of a Confined Space?	**Yes**	**No**
• Is not designed or intended primarily to be occupied by a person; and	Yes	No
• Is, or is designed or intended to be, at atmospheric pressure while any person is in the space; and	Yes	No
• Is or is likely to be a risk to health and safety from:		
▪ An atmosphere that does not have a safe oxygen level; or	Yes	No
▪ Contaminants, including airborne gases, vapours & dust, that may cause injury from fire or explosion.	Yes	No
▪ Harmful concentration of any airborne contaminants, or	Yes	No
▪ Engulfment	Yes	No

Hazard	**Risk Ranking**
Restricted entry or exit	**Medium**
Harmful airborne contaminants	**High**
Unsafe oxygen level	**Medium**
Fire and explosion	**Low**
Engulfment	**High**
Uncontrolled introduction of substances	**Medium**
Biological hazard	**Medium**
Mechanical hazards	**Low**
Electrical hazards	**Low**
Skin contact with hazardous substances	**Low**
Manual tasks	**Medium**
Radiation	**Low**
Environmental hazards	**Low**
Hazards outside confined space (e.g. traffic hazards)	**High**

Comments / Recommendations

The stormwater drains were suitably secured to reduce the risk of unauthorised access.
The stormwater drains were appropriately labelled as confined spaces.
Ensure access to the stormwater drains is restricted to authorised/trained personnel.
Ensure the confined space entry permit is filled out prior to works commencing.
Refer to Sections 3 and 5 of this report for further control information and recommendations.

CONFINED SPACE RISK ASSESSMENT

Site Location:	123 Pitt Street, Sydney NSW		
Assessment by:	David Bembrick , RiskTech Compliance	**Date:**	13/9/2022
Type of Confined Space	Service Pits		
Confined Space Locations:	Lower Ground Level, Cleaner Store & Level B5 Car Park		

Does the Location meet the Requirements of a Confined Space?	**Yes**	**No**
• Is not designed or intended primarily to be occupied by a person; and	Yes	No
• Is, or is designed or intended to be, at atmospheric pressure while any person is in the space; and	Yes	No
• Is or is likely to be a risk to health and safety from:		
▪ An atmosphere that does not have a safe oxygen level; or	Yes	No
▪ Contaminants, including airborne gases, vapours & dust, that may cause injury from fire or explosion.	Yes	No
▪ Harmful concentration of any airborne contaminants, or	Yes	No
▪ Engulfment	Yes	No

Hazard	**Risk Ranking**
Restricted entry or exit	**Medium**
Harmful airborne contaminants	**High**
Unsafe oxygen level	**Medium**
Fire and explosion	**Medium**
Engulfment	**Low**
Uncontrolled introduction of substances	**Low**
Biological hazard	**Medium**
Mechanical hazards	**Medium**
Electrical hazards	**Medium - High**
Skin contact with hazardous substances	**Low**
Manual tasks	**Medium**
Radiation	**Low**
Environmental hazards	**Low**
Hazards outside confined space (e.g. traffic hazards)	**Low**

Comments / Recommendations

The service pits were suitably secured to reduce the risk of unauthorised access, however some of these spaces were not labelled as a confined space. It is recommended these spaces be labelled a confined space where practical.

Ensure access to the service pits is restricted to authorised/trained personnel.

Ensure the confined space entry permit is filled out prior to works commencing.

Refer to Sections 3 and 5 of this report for further control information and recommendations.

Appendix 3 Risk Assessment Matrix

Step 1. Determine most likely Consequence	
Catastrophic	Fatality, traumatic injury, or property damage to the extent of $100,000 or catastrophic environmental impact (immediate report to Regulator). Major public alarm, media involvement
Major	Injury / illness resulting in multiple days incapacitation, or asset damage to $50,000-$100,000. Pollutant discharged - medium term impact. Public alarm. Environmental notice received from Regulator
Moderate	Injury requiring medical treatment, property damage from $20,000 to $50,000. Moderate environmental impact. Discharge contained on site. No requirement to report to Regulator
Minor	Injury resulting in first aid treatment, minimal environmental impact, property damage less than $5,000 to $20,000 Minimal environmental impact. Discharge contained in immediate vicinity. No requirement to report to Regulator
Insignificant	No first aid treatment or medical treatment required, negligible property damage less than $5,000. No or insignificant environmental impacts identified

Step 2. Determine Likelihood of the Consequence occurring	
Almost Certain	The event is highly likely to occur in most circumstances
Likely	The event will probably occur in most circumstances
Possible	The event, whilst unlikely, may occur in some circumstances
Unlikely	The event is unlikely to occur but could occur at some time
Rare	It is highly unlikely that the event occurs, however it could in exceptional circumstances

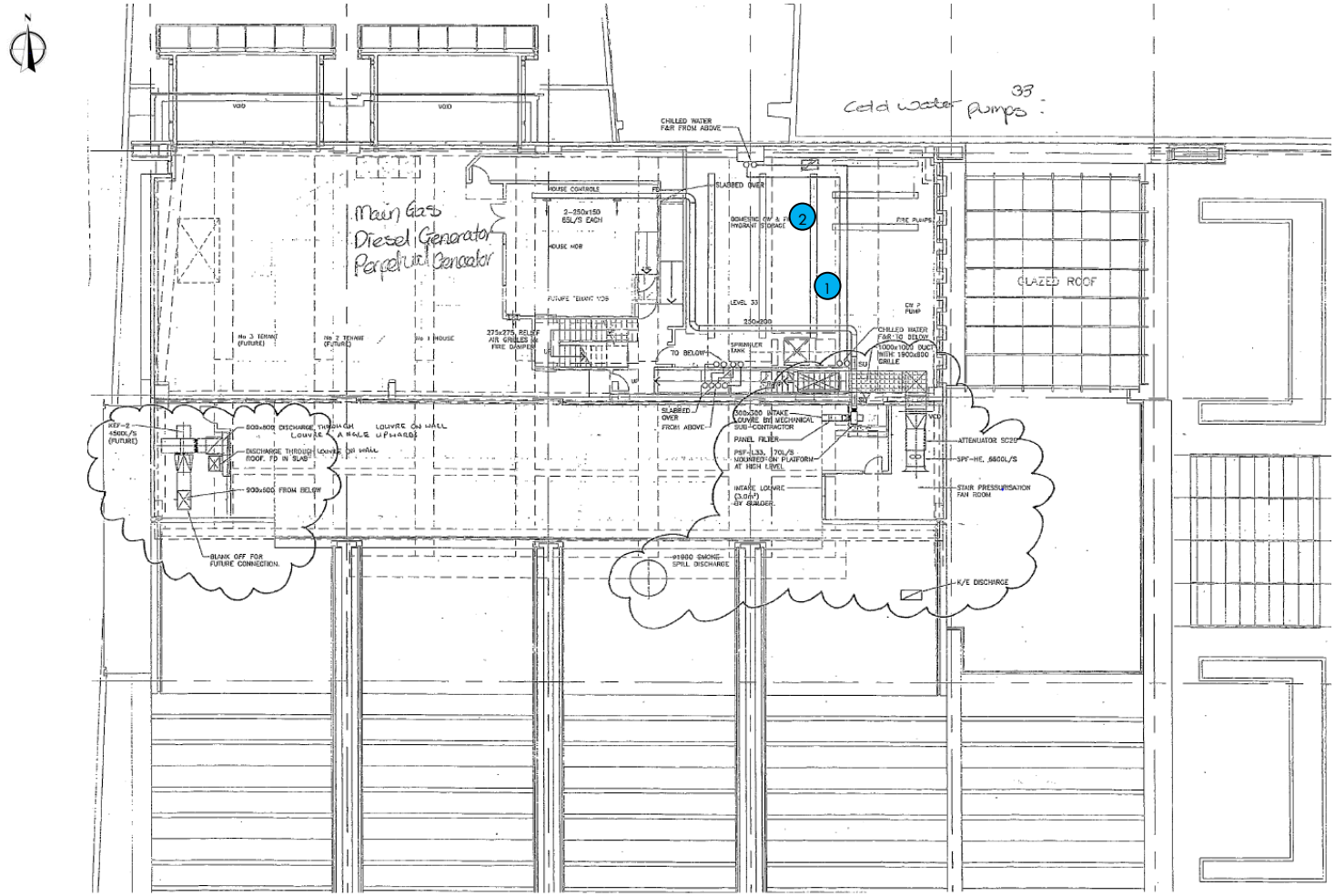
Step 3. Determine Level of Risk (Consequence x Likelihood)

Likelihood	Consequence				
	Insignificant	**Minor**	**Moderate**	**Major**	**Catastrophic**
Almost Certain	High	High	Extreme	Extreme	Extreme
Likely	Medium	High	High	Extreme	Extreme
Possible	Low	Medium	High	High	Extreme
Unlikely	Low	Low	Medium	High	High
Rare	Low	Low	Medium	High	High

Appendix 4 Site Plans

Legend

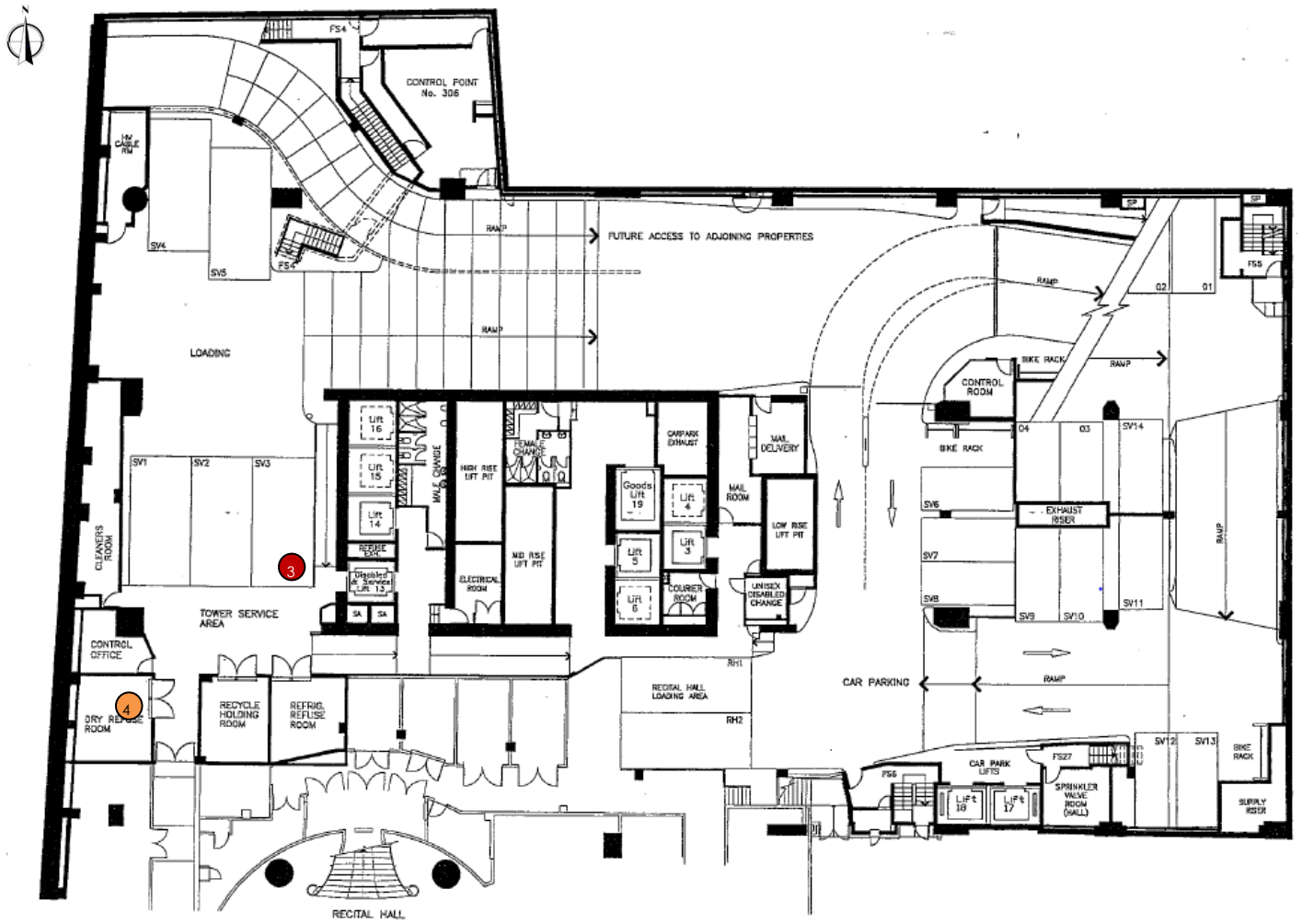
Water Tanks



Level 33 – Plant Room

Legend

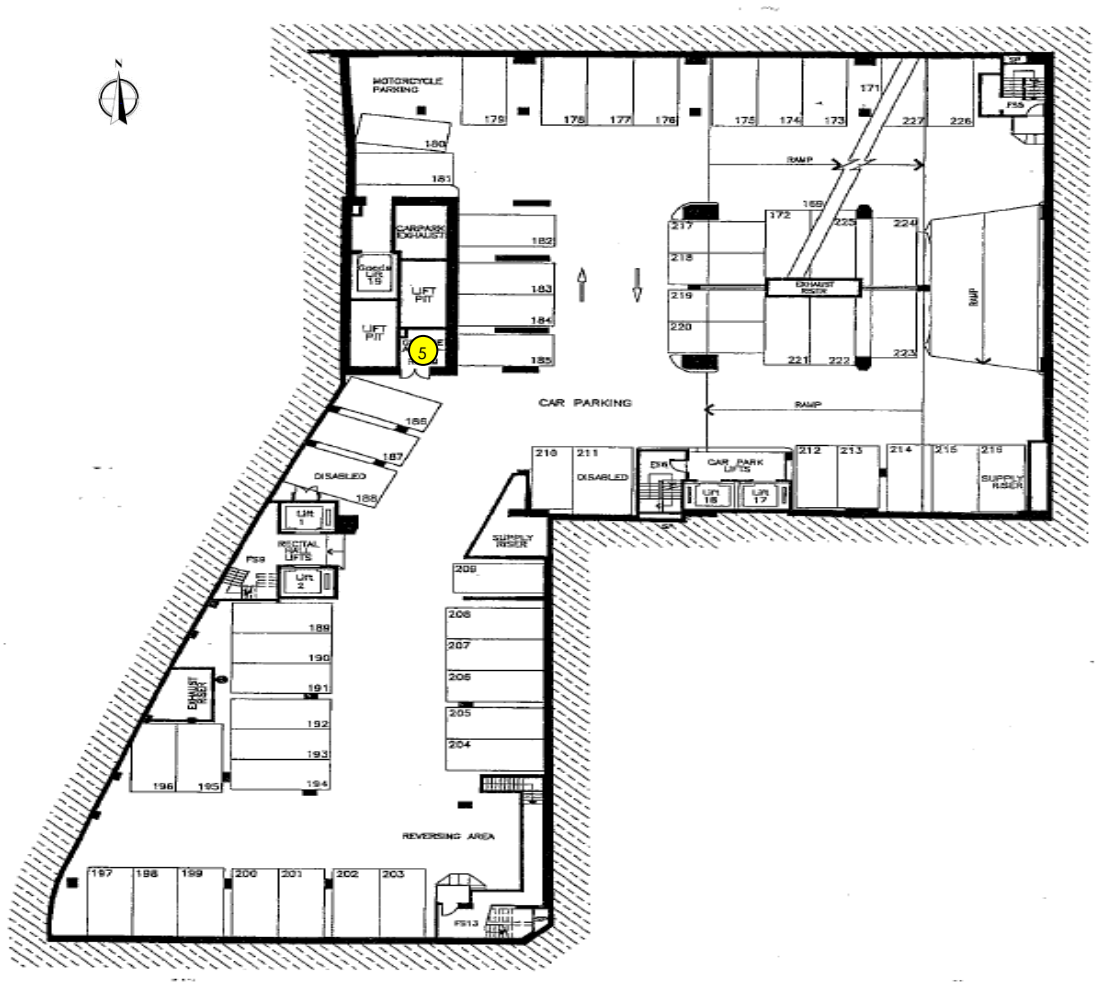
- Sub Soil Sump Pit
- Service Pit



Lower Ground Level

Legend

Grease Trap



Level B4

Legend

- Sewer Pit
- Sub Soil Pit
- Fuel Tanks
- Service Pit
- Stormwater Drains

Level B5