

MP ref: M2349 OA: hw.ms.mc

25 October 2024

Assessment Manager Townsville City Council PO Box 1268 TOWNSVILLE QLD 4810

Via: TOLS

Attention: Planning and Development

Dear Sir/ Madam,

Re: Development Application seeking a Development Permit for Material Change of Use – Special Industry (Battery Anode Manufacturing Demonstration Plant) on land described as Lot 4 on RP901581 and Lot 5 on SP221657 and located at 39-45 Crocodile Crescent, Mount St John

On behalf of the Applicant, Milford Planning hereby make the enclosed development application seeking the abovementioned development approval on the abovementioned land in accordance with Section 51 of the *Planning Act 2016*.

#### **Assessment Fee**

The relevant assessment fee for the proposed development has been calculated below in accordance with Townsville City Council's (Council) Schedule of Fees and Charges 2024/25.

Component	Calculation	Fee
Other Industry Activities Type Uses (Special Industry)	Equal to or greater than 1,000 $m^2$ and less than 2,500 $m^2$ Total Use Area – \$4,726.00 Impact assessment fee – \$1,112.00	\$5,838.00
	TOTAL ASSESSMENT FEE:	\$5,838.00

We request that the abovementioned assessment fee is charged to Milford Planning's account with Council (account number 35665) following receipt of this application.

(07) 4724 0095 info@milfordplanning.com.au 15 Allen Street South Townsville Q 4810 PO Box 5463 Townsville Q 4810 ABN 31162 988 132 www.milfordplanning.com.au



#### **Proceeding**

We look forward to working with Council to progress the proposed development, and request the opportunity to discuss any queries or further information that may be required prior to the issue of any formal correspondence.

In the instance that Council requires no further information, we look forward to receipt of Council's advice to this effect to allow public notification of the development to proceed.

If you have any questions regarding this correspondence, please contact the undersigned on TEL: (07) 4724 0095.

Yours sincerely,

**MILFORD PLANNING** 

Matteo Sandona

SENIOR TOWN PLANNER

Encl: Development application package



Applicant Graphinex Anodes Pty Ltd

Reference M2349

Date October 2024

# Development Application

Proposed Development Material Change of Use – Special Industry (Battery Anode Manufacturing Demonstration Plant)

Property Details Lot 4 on RP901581; and Lot 5 on SP221657

39-45 Crocodile Crescent, Mount St John





# **DOCUMENT CONTROL**

Applicant	Graphinex Anodes Pty Ltd
Proposed Development	Material Change of Use – Special Industry (Battery Anode Manufacturing Demonstration Plant)
Contact	Matteo Sandona

#### **Quality Assurance**

Date 25.10.24

Version 1

**Issue** Final

Template DA-STN-1



SENIOR TOWN PLANNER

George Milford **DIRECTOR** 

Author Reviewer

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# **APPENDICES**

Appendix 1	DA Form 1; and land owners consent
Appendix 2	SmartMap; and site aerial plan of the subject site
Appendix 3	State Assessment Referral Agency mapping
Appendix 4	Proposed development plans
Appendix 5	Risk and Hazard Management Plan



#### 1.0 INTRODUCTION

#### 1.1 Purpose

The purpose of this development application is to seek approval for Material Change of Use – Special Industry (Battery Anode Manufacturing Demonstration Plant) (the proposed development) under the provisions of the *Planning Act 2016* (the Act).

The purpose of this report is to provide information about the site on which the subject development is proposed, detail of the proposed development, and an assessment against the relevant assessment benchmarks. The assessment detailed in this report has been undertaken in accordance with the provisions and subordinate planning controls under the Act.

#### 1.2 Structure

This report provides the following information with respect to the assessment of the proposed development:

- overview of the site and surrounding area;
- description of the proposed development;
- overview of the relevant assessment framework;
- assessment of the proposed development against the relevant assessment benchmarks;
- other relevant matters; and
- conclusion and recommendation.

This development application is made in accordance with Section 51 of the Act and contains the mandatory supporting information specified in the applicable DA Form. **Appendix 1** comprises DA Form 1 and the accompanying land owner's consent.



# 2.0 SUBJECT SITE

#### 2.1 Site Parameters

The following parameters are applicable to the site of the proposed development (the subject site).

Property Owner	Red Bull Investments Pty Ltd (TTE) (refer <b>Appendix 1</b> )	
Street Address	39-45 Crocodile Crescent, Mount St John	
Formal Description	<ul><li>Lot 4 on RP901581; and</li><li>Lot 5 on SP221657.</li></ul>	
Site Area	3,217 m² (refer <b>Appendix 2</b> )	
Easements	The land is not burdened by any easements.	
Street Frontage	Crocodile Crescent and Ingham Road.	
Topography	The site has generally even topography.	
Existing Use	Medium Impact Industry	
Existing Infrastructure	The site is serviced by the following infrastructure:  reticulated water (Council); reticulated sewer (Council); electricity (Ergon); and telecommunications.	
Local Heritage Register	The site is not listed on the Local Heritage Register.	
Contaminated Land	The land is not known to be included on the State Environmental Management Register or Contaminated Land Register.	
Relevant State Interests	The following State interests are relevant to the proposed development as detailed in the State Assessment Referral Agency (SARA) mapping (refer <b>Appendix 3</b> ):  Coastal area – medium storm tide inundation area.	



#### 2.2 Surrounding Area

North	The Crocodile Crescent road frontage is located directly to the north, with an array of industrial uses on similarly scaled sites located within the estate and linked by Crocodile Crescent.
East	There is adjoining established industrial operations on similarly scaled lots to the east.
South	The Ingham Road, road frontage is located directly to the south, along with similarly scaled industrial sites.
West	The site is adjoining established industrial tenancies in a warehouse configuration to the west.



#### 3.0 PROPOSED DEVELOPMENT

#### 3.1 Description of Proposed Development

The proposed development involves repurposing an existing industrial warehouse in the Medium Impact Industry Zone for use as a demonstration plant for the specialised processing of graphite ore. Specific detail of the proposed development is provided below.

#### **Purpose of Development**

The proposed demonstration plant involves the processing and refining of graphite ore to produce Coated Purified Spherical Graphite (CPSG), a key component in lithium-ion battery anodes. The purpose of CPSG production at this facility is to demonstrate the technical and commercial viability of Active Anode Material manufacturing by producing an exportable product. The location of the facility in Townsville offers location efficiencies in the production process, given the regional proximity to the mining of graphite ore, being near Croydon in Far North Queensland.

#### **Design Overview**

The proposed facility will utilise an existing industrial building to produce CPSG. The existing building, which has previously housed major construction and manufacturing companies, is comprised of a 1,036 m² workshop, a 240 m² warehouse, and a 135 m² office. The workshop and warehouse areas will accommodate CPSG production equipment (refer to **Appendix 4**). In particular, the workshop space will accommodate the majority of processing and production equipment, with activities including receiving, milling, flotation, filtration and drying, spheronising, coating and carbonisation, packaging, bagging and dispatch. The existing warehouse space, which is adjacent to the workshop floor, will be used primarily for two purposes, being leaching and roasting, and storage of process material, being both liquid and dry.

#### **Operational Overview**

The proposed facility intends to typically operate Monday to Friday from 6:00 am to 6:00 pm and be managed by no more than three employees at any given time. The relatively low operational intensity has been determined due to the batch process manner. The facility is capable of and anticipated to produce approximately six tonnes of CPSG per year, through the processing of approximately 200 t of graphite ore.

Movements in and out of the site, which include ore delivery, reagent delivery, waste dispatch and product dispatch, is anticipated to occur approximately five times per month. The low number of deliveries can be afforded to the low production quota and bulk storage of materials, as appropriate given the demonstrative nature of the facility. Stored inputs, including sulphuric acid, sodium hydroxide, pitch, flotation reagent, sodium silica, demineralised water and graphite ore, will be delivered to the site, ranging from fortnightly to annually. CPSG product will be packaged

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in 25 kg sample bags and stored in 200 L drums for dispatch. Byproducts of the production process, including neutralised water and nonproduct solids will be stored and removed off site by suitable waste disposal contractors (e.g. Cleanaway). Emissions will be mitigated through layout and operation. In particular, the production process will occur within a closed building, with equipment acoustically rated to approximately 85 dB, and will not result in external noise emissions that would impact the amenity of the locality. Air emissions, including dust, will be mitigated primarily through emission treatment systems in built into equipment and machinery. The integrated emission treatment systems will limit fugitive emissions to negligible levels.

The operation of the facility will be managed in accordance with the recommendations and requirements of the Risk and Hazard Management Plan provided at **Appendix 5**.

#### **Access and Parking**

The existing warehouse currently contains two access points, being Crocodile Crescent and Ingham Road. The primary site access will remain from Ingham Road, which provides gated access to the site, including staff parking, truck manoeuvring area and direct access in the eastern side of the warehouse, which will be used for receival and dispatch. This existing access arrangement allows for all vehicles expected to use the site to enter and exit in a forward motion.

The site contains seven car parking spaces. Given the operation will involve a total of three employees on site, the availability of parking space is more than sufficient to service the facility. Considering the nature of the use, being a demonstration plant, the facility will not be open to public visitation, limited only to authorised government or investment visitation. Employees will access the site via a swipe card and will grant access to deliveries at the gate. All deliveries and collections will be scheduled by the operators of the facility to ensure efficiency and to avoid conflict. These measures will ensure the efficient operation of the facility and will ensure the facility does not impact on traffic flow on Ingham Road and is compatible with existing and anticipated traffic associated with industrial uses in the locality.

#### **Water and Sewer**

The proposed development will make no changes to the existing water and sewage connections on site. Whilst the production process does require water, the majority will be sourced externally and delivered in bulk to the site, to ensure demineralisation and purity. Potable water used in the production will be sourced at a rate of approximately 0.75 ML per year, which is equivalent to a standard household. Neutralised process water, which will be a byproduct of the production process, will be stored on site for transportation to a local wastewater treatment plant. The operator will seek to obtain the relevant waste approvals prior to commencement of the use.

The existing sewerage connection and arrangement servicing the site will remain unchanged. The Applicant will seek to obtain the relevant trade waste approval for this aspect of the development

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prior to the commencement of the use. Council operated water and sewerage networks will continue to service the ancillary office and amenities aspect of the facility, consistent with or lesser than the previous demand generated by the site.

#### **Stormwater**

The proposed development will continue to utilise the existing stormwater arrangements associated with the site. The existing stormwater regime is considered sufficient given no changes to the existing structures or other built form on the subject site is required to facilitate the proposed operation.

#### **Electricity and Communications**

The subject site is currently serviced by electricity and communication services which remain suitable to service the requirements of the proposed development.

#### Landscaping

The proposal will retain the established landscaping along the site frontages, comprising shrubbery and turf. The existing landscaping remains appropriate for the nature of both the locality and the proposed operation.

#### 3.2 Development Plans

The proposed development is detailed in the plans provided at **Appendix 4** and listed below. In addition, the proposed development is further detailed in the associated reports listed below and appended as referenced.

Title	Number	Issue	Date
Floorplan	-	-	17-10-24
Site Plan	PA4011C/01D	-	14-04-05
Southern Elevation	PA4011A/02D	-	14-04-05
Eastern, Northern and Western Elevation PA4011A/03D - 14-04-05			
Associated Reports			
Risk and Hazard Management Plan (refer <b>Appendix 5</b> )			

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#### 3.3 Prelodgement Meeting

The proposed development was the subject of a prelodgement meeting between Townsville City Council (Council), the Applicant, and the Applicant's representatives on 4 September 2024. Council were generally supportive of the proposed development and noted that the subject site and existing facility was suitable for the intended use. It was also confirmed that the applicable use definition was Special Industry. It was suggested that the development application should detail dust and noise mitigation measures.

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# 4.0 ASSESSMENT FRAMEWORK

#### 4.1 Planning Act 2016

The *Planning Act 2016* (the Act) provides the framework for Queensland's planning system and coordinates local, regional, and State planning. The Act allows for the establishment and is supported by subordinate planning legislation and instruments such as planning schemes. The provisions of the Act are therefore applicable to the proposed development.

#### 4.2 Planning Regulation 2017

The *Planning Regulation 2017* (the Regulation) is established under the Act and provides support to the Act by detailing how it functions at a practical level. The Regulation determines the Assessment Manager and Referral Agencies relevant to assessable development, and relevant State interests through the State Planning Policy (SPP) and State Development Assessment Provisions (SDAP). The provisions of the Regulation are therefore applicable to the proposed development.

#### 4.3 Approval Sought

Approval Type	Development Permit
Development Type	Material Change of Use
Definition or General Description	Special Industry
Specific Description	(Battery Anode Manufacturing Demonstration Plant)

#### 4.4 Assessment Manager Assessment Parameters

Assessment Manager	Townsville City Council		
Planning Instrument	Townsville City Plan 2014 (the planning scheme)		
Zone and Precinct	Medium Impact Industry Zone		
Triggered Overlays	<ul> <li>Airport Environs Overlay – Operational airspace - Airspace more than 15m above ground level</li> <li>Airport Environs Overlay – Wildlife hazard buffer zones and public safety areas – Distance from airport runway – 3km</li> <li>Airport Environs Overlay – Light Intensity – 6km radius, Zones C and D</li> <li>Flood Hazard Overlay – Low and medium hazard area</li> </ul>		
Category of Assessment	Impact		



Table of Assessment Reference			
Assessment Manager Assessment Benchmarks	<ul> <li>Strategic Framework</li> <li>Medium Impact Industry Zone Code</li> <li>Healthy Waters Code</li> <li>Landscape Code</li> <li>Transport Impact, Access and Parking Code</li> <li>Works Code</li> <li>Airport Environs Overlay Code</li> <li>Flood Hazard Overlay Code</li> </ul>		

#### 4.5 Referral Agency Assessment Parameters

Referral Agencies	State Assessment Referral Agency	
Planning Instrument	Planning Regulation 2017 (the Regulation)	
	The proposed development does not trigger referral to any Referral Agencies.	
Referral Triggers	In particular, the proposed development does not trigger the threshold for ERA 31 – Mineral Processing given the facility will not exceed the 1,000 t annual threshold for processing mineral products (other than coke).	



#### 5.0 ASSESSMENT MANAGER CONSIDERATIONS

#### **5.1** State Planning Policy

The State Planning Policy (the SPP) is a State planning instrument established under the Act and is designed to ensure the State's interests in planning are protected and delivered as part of local government planning across Queensland. Local government use the SPP when making or amending its planning scheme. Local government will also assess aspects of development applications using the SPP if their local planning scheme has not integrated certain State interests.

In accordance with Section 2.1 – State Planning Policy (SPP) of the planning scheme, the Minister has identified that all relevant State interests as outlined in the SPP dated July 2017 have been integrated into the planning scheme.

For the purpose of the proposed development, we consider that assessment against the provisions of the SPP is not required, and all relevant matters will be dealt with under the provisions of the planning scheme.

#### 5.2 Regional Plan

Regional plans are State planning instruments established under the Act, and set the long term strategic direction for how regions grow and respond to change. Regional plans are designed to facilitate economic growth, development, liveable communities, and the protection of natural resources. Regional plans seek to balance the State interests identified by the SPP in the context of the particular region they apply to.

The North Queensland Regional Plan (the Regional Plan) applies to the local government areas of Townsville City, Hinchinbrook Shire, Burdekin Shire, Charters Towers Regional, and Palm Island Aboriginal Shire. The Regional Plan was implemented in March 2020, and seeks to capitalise on the growth, prosperity, and diversity of the region by supporting a vibrant economy, generating jobs, improving business investment, protecting our natural environment, and encouraging tourism and lifestyle opportunities over the next 25 years.

The proposed development is considered to align with the goals outlined in the Regional Plan. In particular, the proposed development will further Goal 1 – A leading economy in regional Australia.

#### **5.3** Planning Scheme Strategic Framework

The planning scheme incorporates a strategic framework, which sets the policy direction and basis for ensuring appropriate development occurs within the planning scheme area.



The strategic framework is represented by the following four themes:

- shaping Townsville;
- strong, connected community;
- environmentally sustainable future; and
- sustaining growth.

The strategic framework provides strategic outcomes for each of the above four themes.

The proposed development furthers the outcomes sought by the above themes and the relevant outcomes, particularly when considering:

- the proposed Battery Anode Manufacturing Demonstration Plant will contribute to diversifying Townsville's economy;
- the proposal will strengthen Townsville's role in specialised manufacturing, particularly through the processing of ore mined in North Queensland, for national and international export;
- the proposal repurposes an existing facility to capitalise on the growth of renewable energy by manufacturing a critical element in battery technology; and
- the proposed development expands the growing renewables economy in Townsville and positions the city for continued investment in battery technology.

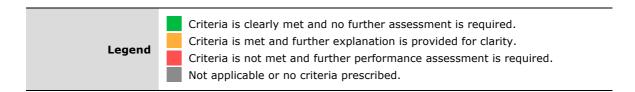
#### **5.4** Planning Scheme Purpose and Overall Outcomes

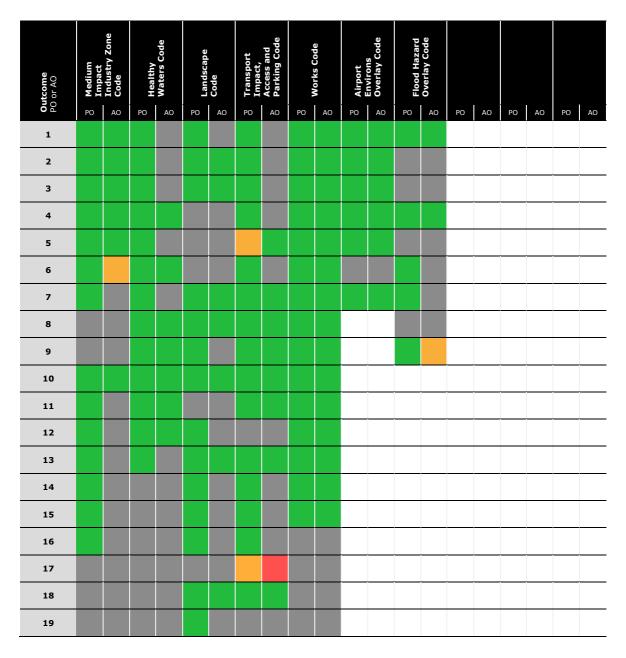
The proposed development is considered to further the purpose and overall outcomes sought by the relevant planning scheme codes by demonstrating compliance with the relevant performance and accepted outcomes.



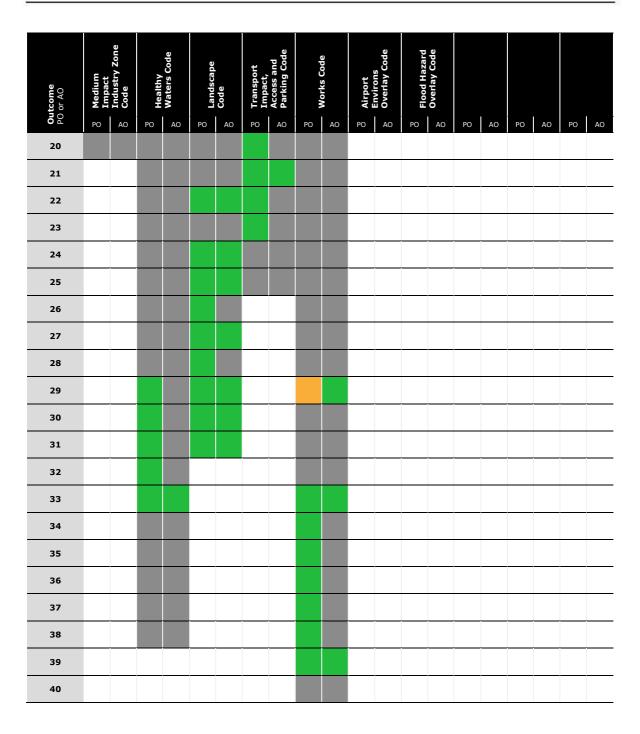
#### 5.5 Planning Scheme Assessment Matrix

The assessment matrix below summarises the outcome of an assessment of the proposed development against the relevant performance and accepted outcomes of the applicable Assessment Manager assessment benchmarks. The assessment matrix identifies the level of compliance of the proposed development in accordance with the legend below.









Criteria identified in the assessment matrix as requiring further explanation or further assessment is addressed in the following subsection.



#### 5.6 Planning Scheme Detailed Assessment

#### **Medium Impact Industry Zone Code**

#### P06

Development provides for the collection, treatment and disposal of liquid wastes or sources of contamination such that off-site releases of contaminants do not occur. Editor's note—Applicants should also have regard to Section 9.3.7 Works code, Section 9.3.2 Healthy waters code and other relevant legislative, industry and licensing requirements.

#### A06.1

Areas where potentially contaminating substances are stored or used, are roofed and sealed with concrete, asphalt or similar impervious substance and bunded.

#### A06.2

Roof water is piped away from areas of potential contamination.

#### Complies with AO6.1 and AO6.2

The proposed development will involve the storage of potentially contaminating substances, including liquid and dry chemicals, and graphite ore. These inputs will be delivered and stored on site in either self bunded Immediate Bulk Containers (IBC's) or sealed 'bulka' bags. Inputs are to be stored in a dedicated storage area (refer to **Appendix 4**), within the existing warehouse.

Waste outputs, including neutralised water and non product solids, will also be stored in IBC's, ready for transport by a waste disposal contractor. CPSG product is to be stored in 25 kg bags, and within 200 L drums. These storage measures, combined with the existing nature of the warehouse, being enclosed with a concrete floor with stormwater management infrastructure, will ensure contaminating substances are not released off site by way of run off.

Given the above, the proposed development achieves the requirements of Acceptable Outcome 6.1 and Acceptable Outcome 6.2 of the Medium Impact Industry Zone Code.

#### Transport Impact, Access and Parking Code

#### PO5

Access arrangements are appropriate for:

- (a) the capacity of the parking area;
- (b) the volume, frequency and type of vehicle usage;
- the function and characteristics of the access road and adjoining road network; and
- (d) the safety and efficiency of the road network.

#### A05

Access is provided in accordance with the standards identified in the Development manual planning scheme policy SC6.4 — SC6.4.5.5 Driveways, SC6.4.5.3 Public Transport Facilities and SC6.4.5.4 Car Parking.

Editor's note—Applicants should refer to the Development manual planning scheme policy no. SC6.4 - SC6.4.5.1 Townsville Road Hierarchy and SC6.4.5.2 Traffic Impact Assessment (TIA).

#### **Complies with PO5**

The proposed demonstration plant has been designed to operate within the existing industrial warehouse and access arrangement. The site has two access points, being from Crocodile Crescent and Ingham Road. The access from Ingham Road is to remain as the primary access, and comprises an asphalt crossover, leading to a sealed car parking and manoeuvring area.

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Vehicles reasonably expected to use the site, including semi-trailer trucks, will have adequate space to enter and exit the site in a forward motion (refer to **Appendix 4**). Considering this, combined with the frequency of deliveries in and out of the site, being approximately five per month, the proposal is not considered to impact on either the safety or efficiency of the road network. We also note that road reserve is approximately 20 m wide, allowing adequate room for vehicles to enter the site without causing queuing to Ingham Road.

The existing access arrangement is considered appropriate for the intended use, including parking capacity, frequency and type of vehicle usage, and connection to the road network.

Given the above, the proposed development achieves the requirements of Performance Outcome 5 of the Transport Impact, Access and Parking Code.

#### PO17

Provision is made for on-site vehicle parking to:

- meet the demand likely to be generated by the development; and
- (b) avoid on street parking that would adversely impact on the safety or capacity of the road network or unduly impact on local amenity.

#### A017

Parking is provided in accordance with the standards identified in Parking rates planning scheme policy no. SC6.10. Editor's note— Applicants should refer to the Development manual planning scheme policy no. SC6.4 - SC6.4.5.3 Public Transport Facilities, SC6.4.5.4 Car Parking, SC6.4.5.2 Traffic Impact Assessments (TIA), SC6.4.6.1 Geometric Road Design, and SC6.4.5.1 Townsville Road Hierarchy to assist in complying with this outcome.

#### **Complies with PO17**

The proposed demonstration plant will make use of the existing car parking spaces established on the subject site. The site provides a total of seven formalised car parking spaces.

Considering the operation of the facility will be managed by three employees at any given time and will not permit unauthorised visitation by way of a gate, the existing car parking provision and arrangement is considered more than sufficient to meet the demand for car parking generated by the development.

Given the above, the proposed development achieves the requirements of Performance Outcome 17 of the Transport Impact, Access and Parking Code.



#### **Works Code**

#### PO29

The following are provided along the full extent of the road frontage and to a standard that is appropriate to the function of the road or street and the character of the locality:

- (a) paved roadway;
- appropriate pavement edging (including kerb and channel);
- (c) pedestrian paths and cycleways;
- (d) streetscaping and street tree planting;
- (e) stormwater drainage;
- (f) street lighting systems; and
- (g) conduits to facilitate the provision of and other utility services.

#### AO29

Design and construction of external road works are undertaken in accordance with the Development manual planning scheme policy no. SC6.4.

Editor's note—Applicants should have regard to the following subsections of the Development manual planning scheme policy no. SC6.4 - SC6.4.14.2 Public Lighting (Urban, Urban Residential and Rural); SC6.4.14.3 Utility Services; SC6.4.9 Stormwater Quantity; SC6.4.10 Stormwater Quality; SC6.4.4 Citive Transport Infrastructure; SC6.4.12 Landscaping and Open Space; SC6.4.6.1 Geometric Road Design; SC6.4.20.1 Footpath Treatment Policy; and SC6.4.23 Construction Management, Quality Management, Inspection and Testing.

#### **Complies PO29**

The existing condition of access and road frontage are considered as suitable for the proposed development. Both the Ingham Road and Crocodile Crescent access points have asphalt crossovers, gates, and landscaping. The arrangement has existed for almost two decades, to service an industrial warehouse, and as such, is considered to remain appropriate for the operation of the demonstration plant and the industrial character of the locality.

Given the above, the proposed development achieves the requirements of Performance Outcome 9 of the Works Code.

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#### Flood Hazard Overlay Code

#### PO9

Public safety and the environment are not adversely affected by the detrimental impacts of flooding on hazardous materials manufactured or stored in bulk.

#### A09.1

Development does not involve the manufacture or storage of hazardous materials within a high flood hazard area identified on overlay map OM-06.1 or 06.2.

#### A09.2

Within the low or medium flood hazard area identified on overlay map OM-06.1 or 06.2, structures used for the manufacture or storage of hazardous materials in bulk are designed to prevent the intrusion of flood waters up to at least a 0.2% AEP flood event.

#### Complies AO9.1 and AO9.2

The proposed development will involve the use and storage of hazardous materials, such as liquid and dry chemicals, however, the existing warehouse is outside the identified extend of flooding in a 1 in a 100 year flood event.

Additionally, the storage of inputs are not by definition stored in 'bulk'. This has been determined by the ERA 8 threshold (Chemical Storage), which involves the storage of solid or liquid chemicals at 200 t or m<sup>3</sup>. The largest input stored on site will be graphite ore, being delivered and stored in 'bulka' bags, of which no more than 40 are expected to be delivered per month. Moreover, liquid chemicals will be stored in self bunded IBC's, large enough to capture the full content of the IBC, ensuring not material can be released off site.

The intended storage methodology, combined with the existing condition of the warehouse, ensure that the proposal is not adversely affected by flooding.

Given the above, the proposed development achieves the requirements of Acceptable Outcome 9.1 and Acceptable Outcome 9.2 of the Flood Hazard Overlay Code.

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# 6.0 OTHER RELEVANT MATTERS

#### 6.1 Other Relevant Matters

There are substantial other relevant matters to support the approval of the proposed development. In accordance with Section 45, Item 5 (b) of the Act, an impact assessment may be carried out against, or having regard to, any other relevant matter, other than a person's personal circumstances, financial, or otherwise.

Other relevant matters supporting the approval of the proposed development include (but are not limited to) the following:

- the proposal will diversify local industry and the local economy;
- the proposal seeks to capitalise on the growth of renewable energy by manufacturing a critical element in battery technology; and
- the proposal contributes to the growing renewable energy industry in Townsville and positions the city for continued investment in battery technology.

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#### 7.0 CONCLUSION

#### 7.1 Assessment Summary

The assessment of the proposed development against the relevant assessment benchmarks detailed in this development application supports a recommendation for approval based on the following reasons:

- the proposed development complies with the relevant assessment benchmarks; and
- compliance with the relevant assessment benchmarks can be managed through reasonable and relevant conditions.

#### 7.2 Recommended Conditions of Approval

Given the above facts and circumstances presented in this development application, we recommend that Council **approve** the proposed development subject to the following reasonable and relevant conditions that are considered specifically relevant to the proposed development.

#### Condition 1 - Approved Plans and Supporting Documentation

(a) The development must generally comply with the plan(s) and supporting documentation referenced in the table below and attached as stamped "Approved Subject to Conditions" which forms part of this approval, unless otherwise specified by any condition of this approval.

Title	Number	Issue	Date
Floorplan	-	-	17-10-24
Site Plan	PA4011C/01D	-	14-04-05
Southern Elevation	PA4011A/02D	-	14-04-05
Eastern, Northern and Western Elevation	PA4011A/03D	-	14-04-05

#### **Associated Reports**

Risk and Hazard Management Plan

(b) The recommendations outlined in the above reports/s must be implemented prior to the commencement of the use.

#### Condition 2 - Car Parking

- a) All car parking facilities, associated ramps, and driveways must be provided in accordance with Part 9.3.5 Transport impact, access and parking code and designed in accordance with SC6.4 Development manual planning scheme policy, and must be maintained to a safe operating standard at all times thereafter.
- b) A minimum of 3 car spaces must be provided on site.



# Appendix 1

# DA Form 1 – Development application details

Approved form (version 1.6 effective 2 August 2024) made under section 282 of the Planning Act 2016.

This form **must** be used to make a development application **involving code assessment or impact assessment**, except when applying for development involving only building work.

For a development application involving **building work only**, use *DA Form 2 – Building work details*.

For a development application involving **building work associated with any other type of assessable development** (i.e. material change of use, operational work or reconfiguring a lot), use this form (*DA Form 1*) and parts 4 to 6 of *DA Form 2 – Building work details*.

Unless stated otherwise, all parts of this form **must** be completed in full and all required supporting information **must** accompany the development application.

One or more additional pages may be attached as a schedule to this development application if there is insufficient space on the form to include all the necessary information.

This form and any other form relevant to the development application must be used to make a development application relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act 1994*, and airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

**Note:** All terms used in this form have the meaning given under the Planning Act 2016, the Planning Regulation 2017, or the Development Assessment Rules (DA Rules).

#### PART 1 – APPLICANT DETAILS

1) Applicant details					
Applicant name(s) (individual or company full name)	Graphinex Anodes Pty Ltd c/- Milford Planning				
Contact name (only applicable for companies)	Matteo Sandona				
Postal address (P.O. Box or street address)	PO Box 5463				
Suburb	Townsville City				
State	Queensland				
Postcode	4810				
Country	Australia				
Contact number	(07) 4724 0095				
Email address (non-mandatory)	info@milfordplanning.com.au				
Mobile number (non-mandatory)					
Fax number (non-mandatory)					
Applicant's reference number(s) (if applicable)	M2349				
1.1) Home-based business					
Personal details to remain private in accordance with section 264(6) of Planning Act 2016					

2) Owner's consent
2.1) Is written consent of the owner required for this development application?
<ul><li> ☐ Yes – the written consent of the owner(s) is attached to this development application ☐ No – proceed to 3)</li></ul>



# PART 2 - LOCATION DETAILS

3) Location of the premises (complete 3.1) or 3.2), and 3.3) as applicable)  Note: Provide details below and attach a site plan for any or all premises part of the development application. For further information, see <u>DA Forms Guide: Relevant plans.</u>									
3.1) Street address and lot on plan									
⊠ Str	eet address	AND lo	ot on pla	n (all l	ots must be liste	ed), <b>or</b>			
	reet address ter but adjoining								premises (appropriate for development in
	Unit No.	Stree	t No.	Stree	et Name and	Type			Suburb
۵)		39-45	5	Croc	Crocodile Crescent				Mount St John
a)	Postcode	Lot N	0.	Plan	Type and N	umber (e	e.g. R	P, SP)	Local Government Area(s)
	4818	4		RP9	01581				Townsville City
	Unit No.	Stree	t No.	Stree	et Name and	Type			Suburb
<b>b</b> )		39-45	5	Croc	odile Cresce	ent			Mount St John
b)	Postcode	Lot N	0.	Plan	Type and N	umber (e	e.g. R	P, SP)	Local Government Area(s)
	4818	5		SP2	21657				Townsville City
	Unit No.	Stree	t No.	Stree	et Name and	Туре			Suburb
,				Ingh	am Road				Mount St John
c)	Postcode	Lot N	0.	Plan	Type and N	umber (e	e.g. R	P, SP)	Local Government Area(s)
	4818	102		RP9	01581				Townsville City
e. <b>Note</b> : F	Coordinates of g. channel dred Place each set of cordinates of	lging in N f coordin	Moreton Ba ates in a s	ay) separat	e row.		ote are	as, over part of a	a lot or in water not adjoining or adjacent to land
	tude(s)		Latitud			Datum			Local Government Area(s) (if applicable)
	. ,			,		□we	S84		( ) ( ) ( )
☐ GDA94									
						☐ Oth	ner:		
☐ Co	ordinates of	premis	es by ea	asting	and northing	9			
Eastin	ıg(s)	North	ing(s)		Zone Ref.	Datum			Local Government Area(s) (if applicable)
					☐ 54	☐ WG	S84		
					☐ 55	GD	A94		
					☐ 56	☐ Oth	ner:		
3.3) A	dditional pre	mises							
Additional premises are relevant to this development application and the details of these premises have been									
attached in a schedule to this development application									
Not required Not required									
1) Identify any of the following that apply to the promises and provide any relevant details									
4) Identify any of the following that apply to the premises and provide any relevant details  In or adjacent to a water body or watercourse or in or above an aquifer									
Name of water body, watercourse or aquifer:									
☐ On strategic port land under the <i>Transport Infrastructure Act</i> 1994									
Lot on plan description of strategic port land:									
Name of port authority for the lot:									
	a tidal area	., .51							

Name of local government for the tidal area (if applicable):	
Name of port authority for tidal area (if applicable)	

On airport land under the Airport Assets (Restructuring and Disposal) Act 2008					
Name of airport:					
Listed on the Environmental Management Register (EM	IR) under the Environmental Protection Act 1994				
EMR site identification:					
Listed on the Contaminated Land Register (CLR) unde	r the Environmental Protection Act 1994				
CLR site identification:					
5) Are there any existing easements over the premises?  Note: Easement uses vary throughout Queensland and are to be identified how they may affect the proposed development, see DA Forms Guide.	ed correctly and accurately. For further information on easements and				
<ul> <li>Yes – All easement locations, types and dimensions are included in plans submitted with this development application</li> <li>No</li> </ul>					

# PART 3 – DEVELOPMENT DETAILS

# Section 1 – Aspects of development

6.1) Provide details about th	e first development aspect				
a) What is the type of develo	opment? (tick only one box)				
	Reconfiguring a lot	Operational work	☐ Building work		
b) What is the approval type	? (tick only one box)				
□ Development permit	☐ Preliminary approval	☐ Preliminary approval that	at includes a variation approval		
c) What is the level of asses	sment?				
Code assessment		res public notification)			
d) Provide a brief description lots):	n of the proposal (e.g. 6 unit apart	tment building defined as multi-unit o	dwelling, reconfiguration of 1 lot into 3		
Special Industry (Battery An	ode Manufacturing Demonstra	ation Plant)			
e) Relevant plans  Note: Relevant plans are required in Relevant plans.	to be submitted for all aspects of this	development application. For further	r information, see <u>DA Forms guide:</u>		
Relevant plans of the pro	posed development are attach	ned to the development appli	ication		
6.2) Provide details about th	e second development aspect	t			
a) What is the type of develo	opment? (tick only one box)				
☐ Material change of use	Reconfiguring a lot	Operational work	☐ Building work		
b) What is the approval type	? (tick only one box)				
☐ Development permit	☐ Preliminary approval	☐ Preliminary approval the	at includes a variation approval		
c) What is the level of asses	sment?				
☐ Code assessment	Impact assessment (requir	res public notification)			
d) Provide a brief description lots):	n of the proposal (e.g. 6 unit apart	tment building defined as multi-unit d	dwelling, reconfiguration of 1 lot into 3		
e) Relevant plans  Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see <a href="DA Forms Guide: Relevant plans">DA Forms Guide: Relevant plans</a> .					
Relevant plans of the proposed development are attached to the development application					



6.3) Additional aspects of development							
Additional aspects of development are relevant to this development application and the details for these aspects that would be required under Part 3 Section 1 of this form have been attached to this development application							
Not required     Not required							
6.4) Is the application for State facilitated	development?						
Yes - Has a notice of declaration been	n given by the Minister?						
No No							
Section 2 – Further development de							
7) Does the proposed development appli	<u> </u>						
	complete division 1 if assessable agains	t a local planning instru	ument				
	complete division 2						
	complete division 3						
Building work Yes -	complete DA Form 2 – Building work det	tails					
Division 1 – Material change of use							
Note: This division is only required to be completed if	any part of the development application involves a	material change of use asse	ssable against a				
local planning instrument.		material enainge of acc acce	oodbro agamot a				
8.1) Describe the proposed material char							
Provide a general description of the proposed use	Provide the planning scheme definition (include each definition in a new row)	Number of dwelling units (if applicable)	Gross floor area (m²)				
proposed use	(moduse eden demmaen m d nem rem)	uriits (ii applicable)	(if applicable)				
Battery Anode Manufacturing	Special Industry	N/A	1,415				
Demonstration Plant							
	se of existing buildings on the premises?						
⊠ Yes							
□ No							
8.3) Does the proposed development rela	ate to temporary accepted development u	nder the Planning Reg	ulation?				
	e details in a schedule to this developmen	t application					
⊠ No							
Provide a general description of the temp	porary accepted development	Specify the stated pe under the Planning R					
		under the Flaming N	eguiation				
Division 2 – Reconfiguring a lot							
Note: This division is only required to be completed if	any part of the development application involves re	configuring a lot.					
9.1) What is the total number of existing	ots making up the premises?						
9.2) What is the nature of the lot reconfiguration? (tick all applicable boxes)							
Subdivision (complete 10)	Dividing land into parts by	agreement (complete 1	1)				
Boundary realignment (complete 12)	☐ Creating or changing an e from a constructed road (a		s to a lot				



10) Subdivision							
10.1) For this development, how many lots are being created and what is the intended use of those lots:							
Intended use of lots	created	Residential	Com	mercial	Indust	rial	Other, please specify:
Number of lots crea	ted						
10.2) Will the subdiv	vision he etc	and?					
10.2) Will the subdiv							
│	idilloriai dela	alis delow					
How many stages w	vill the works	include?					
What stage(s) will the	nis developn	nent application	1				
apply to?							
11) Dividing land integrate?	o parts by a	greement – hov	v many part	s are being	g created	and what is	the intended use of the
Intended use of par	ts created	Residential	Com	mercial	Indust	rial	Other, please specify:
·							
Number of parts cre	ated						
12) Boundary realig			. f	4	41		
12.1) What are the	Current		s for each io	t comprisir	ng the pre		and let
Lot on plan descript	1	rea (m²)		Lot on pla	an deserin	Propos	Area (m²)
Lot on plan descript	IOII AI	ea (III )		Lot on plan desc		NIOH .	Alea (III )
12.2) What is the re	ason for the	boundary reali	anment?				
12.2) What is the re-	400111011110	bouridary roun	griffiorit.				
			existing ea	sements b	eing char	nged and/or	any proposed easement?
(attach schedule if there Existing or		Length (m)	Purnose o	f the ease	ment? /e a	10	dentify the land/lot(s)
proposed?	Width (III)	Longin (III)	pedestrian a		mont. (o.g		enefitted by the easement
Division 3 – Operati	onal work						
Note: This division is only r		ompleted if any pa	rt of the develo	pment applic	ation involve	es operational	work.
14.1) What is the na						,	
☐ Road work			] Stormwate			Water infra	
					•	frastructure	
Landscaping Signage Clearing vegetation							
Other – please specify:  14.2) Is the operational work necessary to facilitate the creation of new lots? (e.g. subdivision)							
		•	itate the cre	ation of ne	ew lots? (e	.g. sūbdivisior	1)
Yes – specify nu	mber of new	V IOIS:					
∐ No							



14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)	
\$	

# PART 4 – ASSESSMENT MANAGER DETAILS

15) Identify the assessment manager(s) who will be assessing this development application
Townsville City Council
16) Has the local government agreed to apply a superseded planning scheme for this development application?
Yes – a copy of the decision notice is attached to this development application  The local government is taken to have agreed to the superseded planning scheme request – relevant documents attached
No No

# PART 5 - REFERRAL DETAILS

17) Does this development application include any aspects that have any referral requirements?  Note: A development application will require referral if prescribed by the Planning Regulation 2017.
No, there are no referral requirements relevant to any development aspects identified in this development application – proceed to Part 6
Matters requiring referral to the Chief Executive of the Planning Act 2016:
☐ Clearing native vegetation
Contaminated land (unexploded ordnance)
Environmentally relevant activities (ERA) (only if the ERA has not been devolved to a local government)
Fisheries – aquaculture
Fisheries – declared fish habitat area
Fisheries – marine plants
Fisheries – waterway barrier works
Hazardous chemical facilities
Heritage places – Queensland heritage place (on or near a Queensland heritage place)
Infrastructure-related referrals – designated premises
Infrastructure-related referrals – state transport infrastructure
Infrastructure-related referrals – State transport corridor and future State transport corridor
Infrastructure-related referrals – State-controlled transport tunnels and future state-controlled transport tunnels
Infrastructure-related referrals – near a state-controlled road intersection
Koala habitat in SEQ region – interfering with koala habitat in koala habitat areas outside koala priority areas
Koala habitat in SEQ region – key resource areas
Ports – Brisbane core port land – near a State transport corridor or future State transport corridor
Ports – Brisbane core port land – environmentally relevant activity (ERA)
Ports – Brisbane core port land – tidal works or work in a coastal management district
Ports – Brisbane core port land – hazardous chemical facility
Ports – Brisbane core port land – taking or interfering with water
Ports – Brisbane core port land – referable dams
Ports – Brisbane core port land – fisheries
Ports – Land within Port of Brisbane's port limits (below high-water mark)
SEQ development area
SEQ regional landscape and rural production area or SEQ rural living area – tourist activity or sport and recreation activity
☐ SEQ regional landscape and rural production area or SEQ rural living area – community activity
☐ SEQ regional landscape and rural production area or SEQ rural living area – indoor recreation
☐ SEQ regional landscape and rural production area or SEQ rural living area – urban activity
☐ SEQ regional landscape and rural production area or SEQ rural living area – combined use
SEQ northern inter-urban break – tourist activity or sport and recreation activity



SEQ northern inter-urban break – community activity  SEQ northern inter-urban break – indoor recreation  SEQ northern inter-urban break – urban activity  SEQ northern inter-urban break – combined use  Tidal works or works in a coastal management district  Reconfiguring a lot in a coastal management district or  Erosion prone area in a coastal management district  Urban design  Water-related development – taking or interfering with value water-related development – removing quarry material  Water-related development – referable dams  Water-related development – levees (category 3 levees only)  Wetland protection area  Matters requiring referral to the local government:  Airport land	vater (from a watercourse or lake)				
Environmentally relevant activities (ERA) (only if the ERA	nas been devolved to local government)				
☐ Heritage places – Local heritage places					
Matters requiring referral to the Chief Executive of the di	<del>-</del>	on entity:			
Infrastructure-related referrals – Electricity infrastructure	9				
<ul> <li>Matters requiring referral to:</li> <li>The Chief Executive of the holder of the licence, if</li> <li>The holder of the licence, if the holder of the licence</li> <li>Infrastructure-related referrals – Oil and gas infrastructu</li> <li>Matters requiring referral to the Brisbane City Council:</li> <li>Ports – Brisbane core port land</li> </ul>	is an individual				
Matters requiring referral to the Minister responsible for Ports – Brisbane core port land (where inconsistent with the Ports – Strategic port land	_				
Matters requiring referral to the <b>relevant port operator</b> , if Ports – Land within Port of Brisbane's port limits (below)					
Matters requiring referral to the <b>Chief Executive of the re</b> Ports – Land within limits of another port (below high-water)					
Matters requiring referral to the <b>Gold Coast Waterways A</b> Tidal works or work in a coastal management district (in	-				
Matters requiring referral to the <b>Queensland Fire and Emergency Service</b> :  Tidal works or work in a coastal management district (involving a marina (more than six vessel berths))					
40)					
18) Has any referral agency provided a referral response f  ☐ Yes – referral response(s) received and listed below ar  ☐ No					
Referral requirement	Referral agency	Date of referral response			
Identify and describe any changes made to the proposed of referral response and this development application, or incl. (if applicable).					

# PART 6 - INFORMATION REQUEST

19) Information request under the	oo DA Bulos					
<ul> <li>☑ I agree to receive an information request if determined necessary for this development application</li> <li>☑ I do not agree to accept an information request for this development application</li> </ul>						
Note: By not agreeing to accept an information request I, the applicant, acknowledge:						
that this development application will be assessed and decided based on the information provided when making this development						
application and the assessment manager and any referral agencies relevant to the development application are not obligated under the DA Rules to accept any additional information provided by the applicant for the development application unless agreed to by the relevant						
parties						
<ul> <li>Part 3 under Chapter 1 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules or</li> <li>Part 2 under Chapter 2 of the DA Rules will still apply if the application is for state facilitated development</li> </ul>						
Further advice about information requests is contained in the <u>DA Forms Guide</u> .						
PART 7 – FURTHER DE	ETAILS					
20) Are there any associated de	evelopment applications or currer	nt appro	vals? (e.g. a preliminary appl	roval)		
Yes – provide details below or include details in a schedule to this development application						
⊠ No						
List of approval/development	Reference number	Date		Assessment		
application references				manager		
☐ Approval						
☐ Development application						
☐ Approval						
☐ Development application						
21) Has the portable long service leave levy been paid? (only applicable to development applications involving building work or operational work)						
Yes – a copy of the receipted QLeave form is attached to this development application						
□ No – I, the applicant will provide evidence that the portable long service leave levy has been paid before the						
assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid						
· · · · · · · · · · · · · · · · · · ·	and construction work is less that	-	~	vy nas been paid		
Amount paid			QLeave levy number (A, B or E)			
·	Date paid (dd/mm/yy)		QLeave levy Hullibel (A, D OI E)			
\$						
22) Is this development applicat	ion in reconces to a chair source	notice o	or required as a result of	en enforcement		
22) Is this development application in response to a show cause notice or required as a result of an enforcement notice?						
Yes – show cause or enforcement notice is attached						
⊠ No						

23) Further legislative requirements					
Environmentally relevant activities					
23.1) Is this development application also taken to be an application for an environmental authority for an <b>Environmentally Relevant Activity (ERA)</b> under section 115 of the <i>Environmental Protection Act 1994</i> ?					
<ul> <li>Yes – the required attachment (form ESR/2015/1791) for an application for an environmental authority accompanies this development application, and details are provided in the table below</li> <li>No</li> </ul>					
<b>Note</b> : Application for an environmental authority can be found by searching "ESR/2015/1791" as a search term at <a href="www.qld.gov.au">www.qld.gov.au</a> . An ERA requires an environmental authority to operate. See <a href="www.business.qld.gov.au">www.business.qld.gov.au</a> for further information.					
Proposed ERA number:	Proposed ERA threshold:				
Proposed ERA name:					
☐ Multiple ERAs are applicable to this development application and the details have been attached in a schedule to this development application.					
Hazardous chemical facilities					
23.2) Is this development application for a hazardous chemical facility?					
Yes – Form 536: Notification of a facility exceeding 10% of schedule 15 threshold is attached to this development application					
No Note: See www.business.gld.gov.au	for further information about hazardous chemical notifications.				
Clearing native vegetation					
23.3) Does this development application involve <b>clearing native vegetation</b> that requires written confirmation that the chief executive of the <i>Vegetation Management Act 1999</i> is satisfied the clearing is for a relevant purpose under section 22A of the <i>Vegetation Management Act 1999</i> ?					
<ul> <li>Yes – this development application includes written confirmation from the chief executive of the Vegetation         Management Act 1999 (s22A determination)</li> <li>No</li> </ul>					
Note: 1. Where a development application for operational work or material change of use requires a s22A determination and this is not included the development application is prohibited development.  2. See <a href="https://www.qld.gov.au/environment/land/vegetation/applying">https://www.qld.gov.au/environment/land/vegetation/applying</a> for further information on how to obtain a s22A determination.					
Environmental offsets					
23.4) Is this development application taken to be a prescribed activity that may have a significant residual impact on a <b>prescribed environmental matter</b> under the <i>Environmental Offsets Act 2014</i> ?					
Yes – I acknowledge that an environmental offset must be provided for any prescribed activity assessed as having a significant residual impact on a prescribed environmental matter					
No  Note: The environmental offset section of the Queensland Government's website can be accessed at <a href="https://www.qld.gov.au">www.qld.gov.au</a> for further information on environmental offsets.					
Koala habitat in SEQ Region					
23.5) Does this development application involve a material change of use, reconfiguring a lot or operational work which is assessable development under Schedule 10, Part 10 of the Planning Regulation 2017?					
☐ Yes – the development application involves premises in the koala habitat area in the koala priority area☐ Yes – the development application involves premises in the koala habitat area outside the koala priority area☐ No					
Note: If a koala habitat area determination has been obtained for this premises and is current over the land, it should be provided as part of this development application. See koala habitat area guidance materials at <a href="www.desi.qld.gov.au">www.desi.qld.gov.au</a> for further information.					



overland now water under the Water Act 2000?
Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the <i>Water Act 2000</i> may be required prior to commencing development
⊠ No
<b>Note</b> : Contact the Department of Resources at <u>www.resources.qld.gov.au</u> for further information.
DA templates are available from <u>planning.statedevelopment.qld.gov.au</u> . If the development application involves:
Taking or interfering with underground water through an artesian or subartesian bore: complete DA Form 1 Template 1
Taking or interfering with water in a watercourse, lake or spring: complete DA Form1 Template 2  This was a second of the s
Taking overland flow water: complete DA Form 1 Template 3.
<u>Waterway barrier works</u> 23.7) Does this application involve waterway barrier works?
<ul><li>☐ Yes – the relevant template is completed and attached to this development application</li><li>☐ No</li></ul>
DA templates are available from <u>planning.statedevelopment.qld.gov.au</u> . For a development application involving waterway barrier works, complete DA Form 1 Template 4.
Marine activities
23.8) Does this development application involve aquaculture, works within a declared fish habitat area or removal, disturbance or destruction of marine plants?
Yes – an associated <i>resource</i> allocation authority is attached to this development application, if required under the <i>Fisheries Act 1994</i>
⊠ No
Note: See guidance materials at www.daf.qld.gov.au for further information.
Quarry materials from a watercourse or lake
23.9) Does this development application involve the <b>removal of quarry materials from a watercourse or lake</b> under the <i>Water Act 2000?</i>
☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development ☐ No
Note: Contact the Department of Resources at <a href="https://www.resources.qld.gov.au">www.resources.qld.gov.au</a> and <a href="https://www.business.qld.gov.au">www.business.qld.gov.au</a> for further information.
Quarry materials from land under tidal waters
23.10) Does this development application involve the <b>removal of quarry materials from land under tidal water</b> under the <i>Coastal Protection and Management Act 1995?</i>
_
<ul> <li>Yes − I acknowledge that a quarry material allocation notice must be obtained prior to commencing development</li> <li>No</li> </ul>
Note: Contact the Department of Environment, Science and Innovation at www.desi.qld.gov.au for further information.
Referable dams
23.11) Does this development application involve a <b>referable dam</b> required to be failure impact assessed under section 343 of the <i>Water Supply (Safety and Reliability) Act 2008</i> (the Water Supply Act)?
<ul> <li>23.11) Does this development application involve a referable dam required to be failure impact assessed under section 343 of the Water Supply (Safety and Reliability) Act 2008 (the Water Supply Act)?</li> <li>Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the Water Supply Act is attached to this development application</li> </ul>
section 343 of the Water Supply (Safety and Reliability) Act 2008 (the Water Supply Act)?  Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the Water

23.6) Does this development application involve taking or interfering with underground water through an artesian or subartesian bore, taking or interfering with water in a watercourse, lake or spring, or taking



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Water resources

Tidal work or development within a coastal management district			
23.12) Does this development application involve tidal work or development in a coastal management district?			
<ul> <li>Yes – the following is included with this development application:</li> <li>□ Evidence the proposal meets the code for assessable development that is prescribed tidal work (only required if application involves prescribed tidal work)</li> <li>□ A certificate of title</li> <li>☑ No</li> <li>Note: See guidance materials at www.desi.gld.gov.au for further information.</li> </ul>			
Queensland and local heritage places			
23.13) Does this development application propose development on or adjoining a place entered in the <b>Queensland</b> heritage register or on a place entered in a local government's <b>Local Heritage Register</b> ?			
Yes – details of the heritage place are provided in the table below			
Note: See guidance materials at <a href="https://www.desi.qld.gov.au">www.desi.qld.gov.au</a> for information requirements regarding development of Queensland heritage places.  For a heritage place that has cultural heritage significance as a local heritage place and a Queensland heritage place, provisions are in place under the Planning Act 2016 that limit a local categorising instrument from including an assessment benchmark about the effect or impact of, development on the stated cultural heritage significance of that place. See guidance materials at <a href="https://www.planning.statedevelopment.qldgov.au">www.planning.statedevelopment.qldgov.au</a> for information regarding assessment of Queensland heritage places.			
Name of the heritage place: Place ID:			
Decision under section 62 of the Transport Infrastructure Act 1994			
23.14) Does this development application involve new or changed access to a state-controlled road?			
<ul> <li>Yes – this application will be taken to be an application for a decision under section 62 of the <i>Transport Infrastructure Act 1994</i> (subject to the conditions in section 75 of the <i>Transport Infrastructure Act 1994</i> being satisfied)</li> <li>No</li> </ul>			
Walkable neighbourhoods assessment benchmarks under Schedule 12A of the Planning Regulation			
23.15) Does this development application involve reconfiguring a lot into 2 or more lots in certain residential zones (except rural residential zones), where at least one road is created or extended?			
<ul> <li>☐ Yes – Schedule 12A is applicable to the development application and the assessment benchmarks contained in schedule 12A have been considered</li> <li>☑ No</li> <li>Note: See guidance materials at <a href="www.planning.statedevelopment.qld.gov.au">www.planning.statedevelopment.qld.gov.au</a> for further information.</li> </ul>			
PART 8 – CHECKLIST AND APPLICANT DECLARATION			
24) Development application checklist			
I have identified the assessment manager in question 15 and all relevant referral requirement(s) in question 17  Note: See the Planning Regulation 2017 for referral requirements			
If building work is associated with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Building work details</u> have been completed and attached to this development application       Yes   White is associated with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Is as a possible with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Is as a possible with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Is as a possible with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Is as a possible with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Is as a possible with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Is as a possible with the proposed development, Parts 4 to 6 of <u>DA Form 2 – Is as a possible with the proposed development application with the proposed development application is a possible with the proposed development application with the proposed deve</u></u></u></u></u></u></u>			
Supporting information addressing any applicable assessment benchmarks is with the development application			

**Note**: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning

schemes, State Planning Policy, State Development Assessment Provisions). For further information, see DA

Note: Relevant plans are required to be submitted for all aspects of this development application. For further

The portable long service leave levy for QLeave has been paid, or will be paid before a

Relevant plans of the development are attached to this development application



Yes

Forms Guide: Planning Report Template.

information, see <u>DA Forms Guide: Relevant plans.</u>

development permit is issued (see 21)

25) Applicant declaration	
By making this development application, I declare that	all information in this development application is true and
correct	
Where an email address is provided in Part 1 of this fo	rm, I consent to receive future electronic communications for the development application where written information
is required or permitted pursuant to sections 11 and 12	
Note: It is unlawful to intentionally provide false or misleading informatio	
Privacy – Personal information collected in this form will be	e used by the assessment manager and/or chosen
assessment manager, any relevant referral agency and/or	
which may be engaged by those entities) while processing All information relating to this development application may	
published on the assessment manager's and/or referral ag	
Personal information will not be disclosed for a purpose up	•
Regulation 2017 and the DA Rules except where:	
	pout public access to documents contained in the Planning
Act 2016 and the Planning Regulation 2017, and the a Planning Regulation 2017; or	ccess rules made under the <i>Planning Act 2016</i> and
<ul> <li>required by other legislation (including the <i>Right to Info</i></li> </ul>	ormation Act 2009): or
otherwise required by law.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
This information may be stored in relevant databases. The	e information collected will be retained as required by the
Public Records Act 2002.	,
PART 9 – FOR COMPLETION OF THE AS USE ONLY	SSESSIVENT WANAGER - FOR OFFICE
Date received: Reference number	per(s):
Notification of engagement of alternative assessment mar	ager
Prescribed assessment manager	
Name of chosen assessment manager	
Date chosen assessment manager engaged	
Contact number of chosen assessment manager	
Contact number of chosen assessment manager  Relevant licence number(s) of chosen assessment	
<u> </u>	
Relevant licence number(s) of chosen assessment manager	
Relevant licence number(s) of chosen assessment	
Relevant licence number(s) of chosen assessment manager  QLeave notification and payment	
Relevant licence number(s) of chosen assessment manager  QLeave notification and payment  Note: For completion by assessment manager if applicable	
Relevant licence number(s) of chosen assessment manager  QLeave notification and payment Note: For completion by assessment manager if applicable Description of the work	Date paid (dd/mm/yy)
Relevant licence number(s) of chosen assessment manager  QLeave notification and payment  Note: For completion by assessment manager if applicable  Description of the work  QLeave project number	Date paid (dd/mm/yy)

MP ref: M2349 QA: hw.ms

18 October 2024

Assessment Manager Townsville City Council PO Box 1268 TOWNSVILLE QLD 4810

Attention: Planning and Development

Dear Sir/ Madam,

#### Re: Land Owner Consent

Under the provisions of the *Planning Act 2016*, we **RED BULL INVESTMENTS PTY LTD (TTE)**, being the registered owner of land described as **LOT 4 ON RP901581** and **Lot 5 on SP221657** and located at **39-45 CROCODILE CRESCENT, MOUNT ST JOHN**, do hereby authorise and confirm the engagement and appointment of Milford Planning to act on our behalf with respect to the procurement of all development approvals for the aforementioned land.

Date	24th	Ost	2024
	Day	Month	Year
Signature		•	
Name	Justin Pa	~ W~C	
Position	Direct	_	

#### Note

Where registered owner is a company the ACN must be included and accompanied by: (a) the signature of either:

- two directors of the company;
- a director and a company secretary of the company; or
- If a proprietary company that has a sole director who is also the sole company secretary, that director; or
- (b) the company seal (if the company has a common seal) witnessed by:
  - two directors of the company;
  - a director and a company secretary of the company; or
  - for a propriety company that has a sole director who is also the sole company secretary, that director.

#### 1 November 2024

Assessment Manager Townsville City Council PO Box 1268 TOWNSVILLE QLD 4810

Attention: Planning and Development

Dear Sir/ Madam,

#### Re: Land Owner Consent

Under the provisions of the *Planning Act 2016*, we **TOWNSVILLE CITY COUNCIL**, being the registered owner of land described as **LOT 102 ON RP901581** and located at **INGHAM ROAD**, **MOUNT ST JOHN**, do hereby provide consent for Milford Planning to lodge a development application for material change of use including access over the aforementioned land.

Council's consent relates only to the requirements under the *Planning Act 2016* for lodging with the assessment manager and is a completely separate process to assessment of the application under the *Planning Act 2016*.

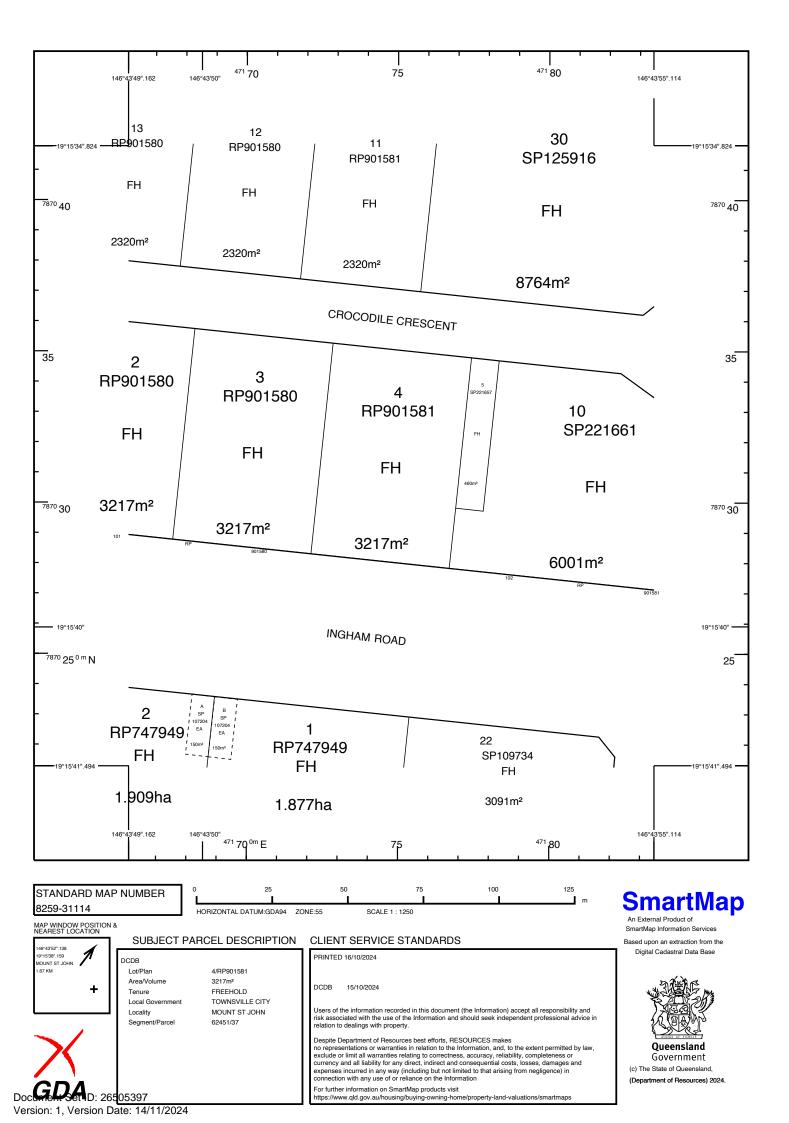
Owner's consent has no influence or impact on the assessment and decision making process or Council's role as an assessment manager of the development application. Providing owner's consent will not influence any statutory role the council may have in this assessment.

The application will be assessed and decided in accordance with the relevant assessment benchmarks prescribed by the *Planning Act 2016*.

Date	12	November	2024
	Day	Month	Year
Signature	1		
Name	Paul Needham		
Position	Chief Planning & Developn	nent Officer	

Document Set ID: 265069974 Version: 2, Version Date: 12/11/2024









### **State Assessment and Referral Agency**

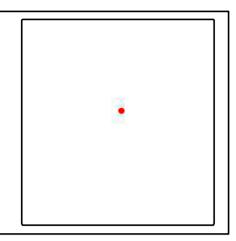
Date: 16/10/2024



### Queensland Government

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### Matters of Interest for all selected Lot Plans

Coastal area - medium storm tide inundation area

### **Matters of Interest by Lot Plan**

Lot Plan: 4RP901581 (Area: 3217 m<sup>2</sup>)

Coastal area - medium storm tide inundation area

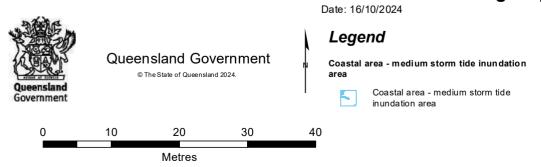
Lot Plan: 5SP221657 (Area: 460 m<sup>2</sup>)

Coastal area - medium storm tide inundation area

Document Set ID: 26505397 Version: 1, Version Date: 14/11/2024



## **State Assessment and Referral Agency**

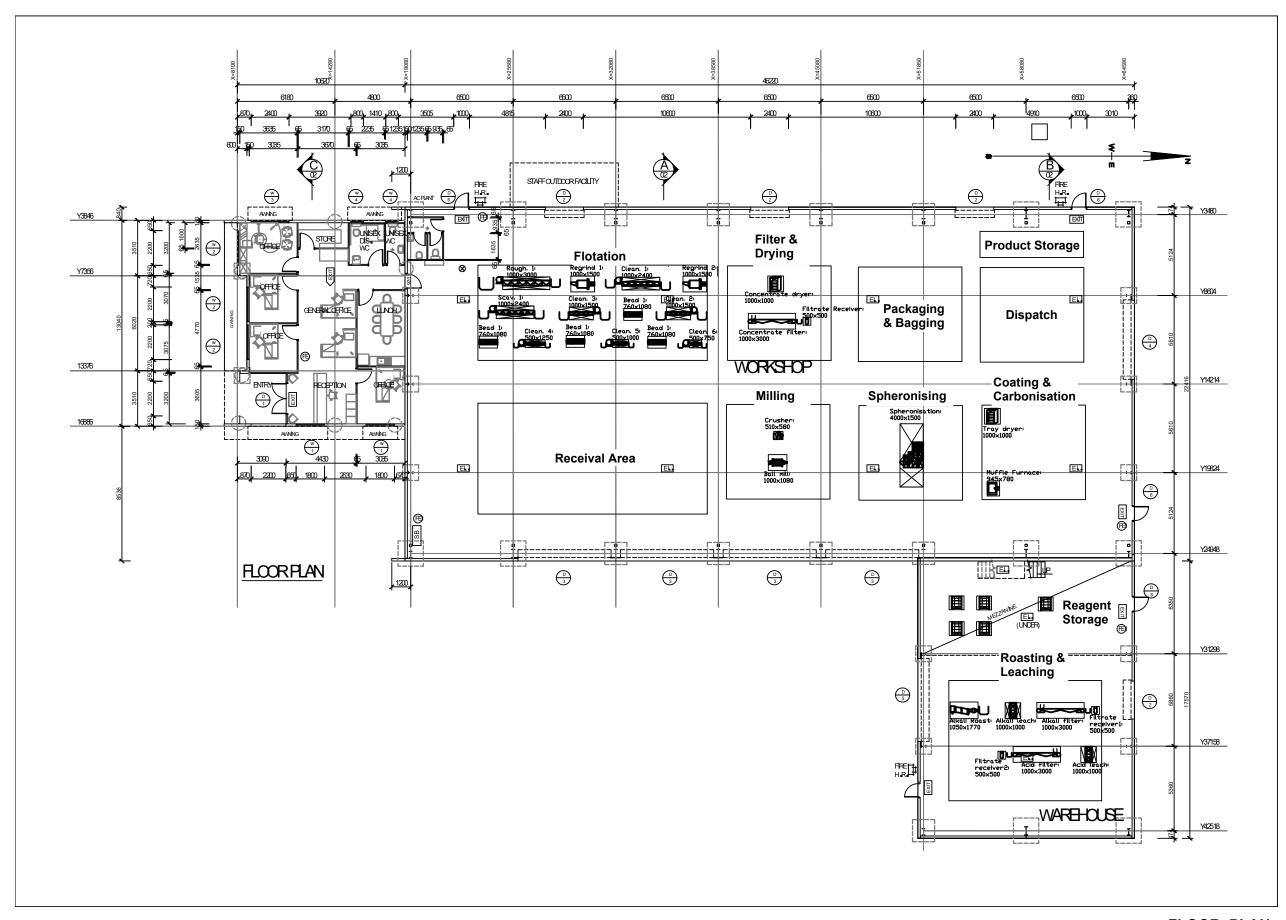


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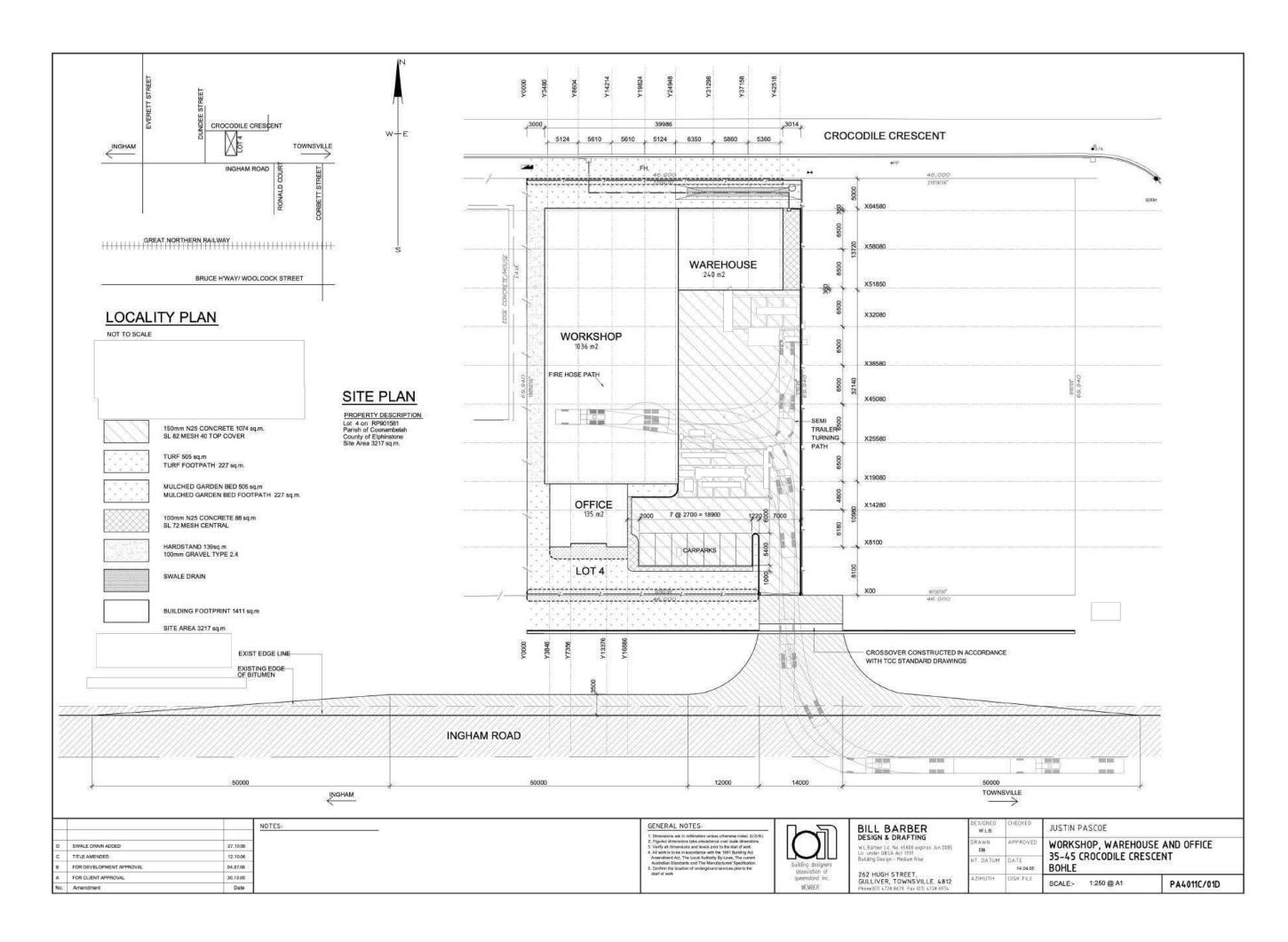
Document Set ID: 26505397

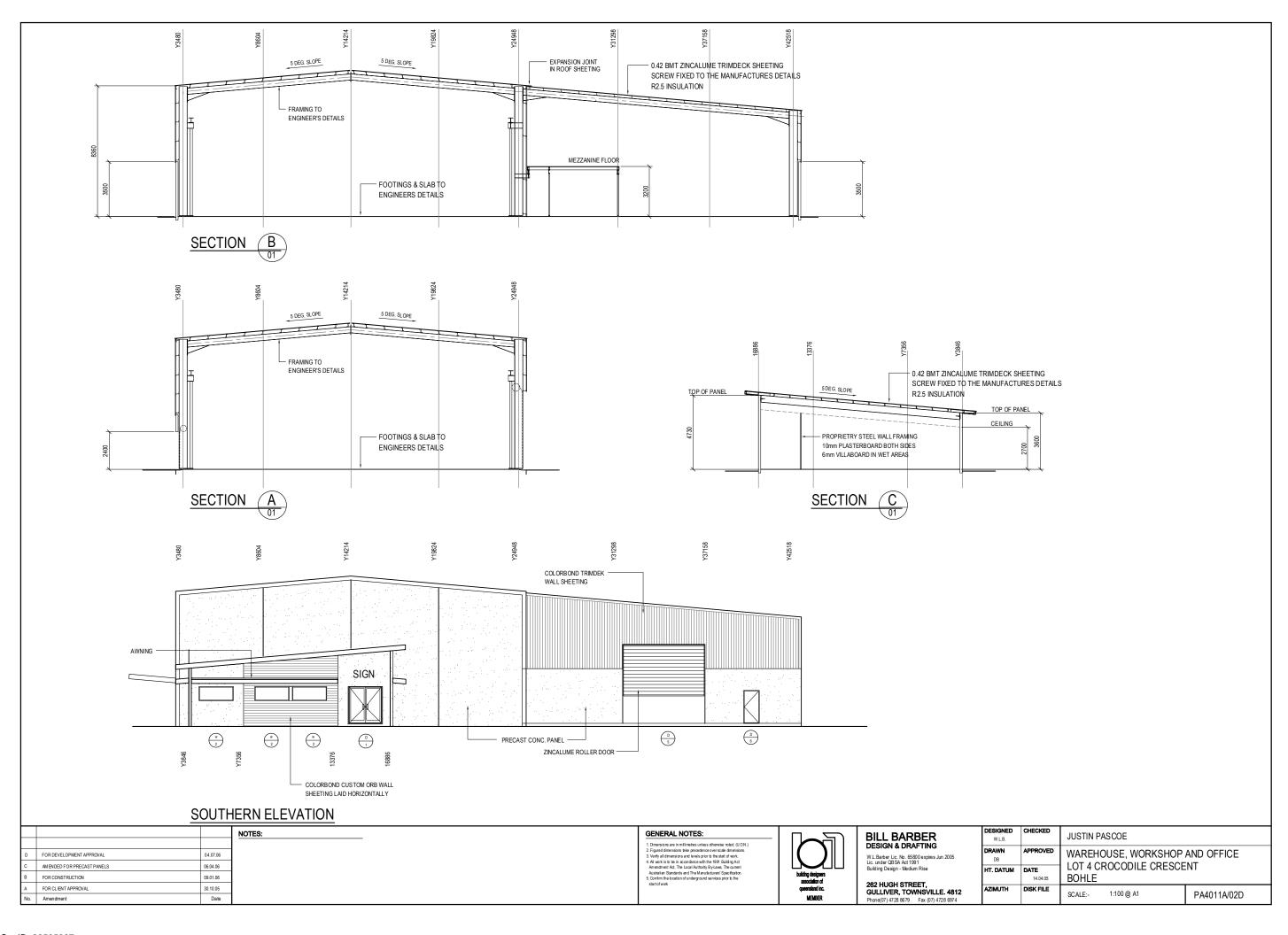
Version: 1, Version Date: 14/11/2024

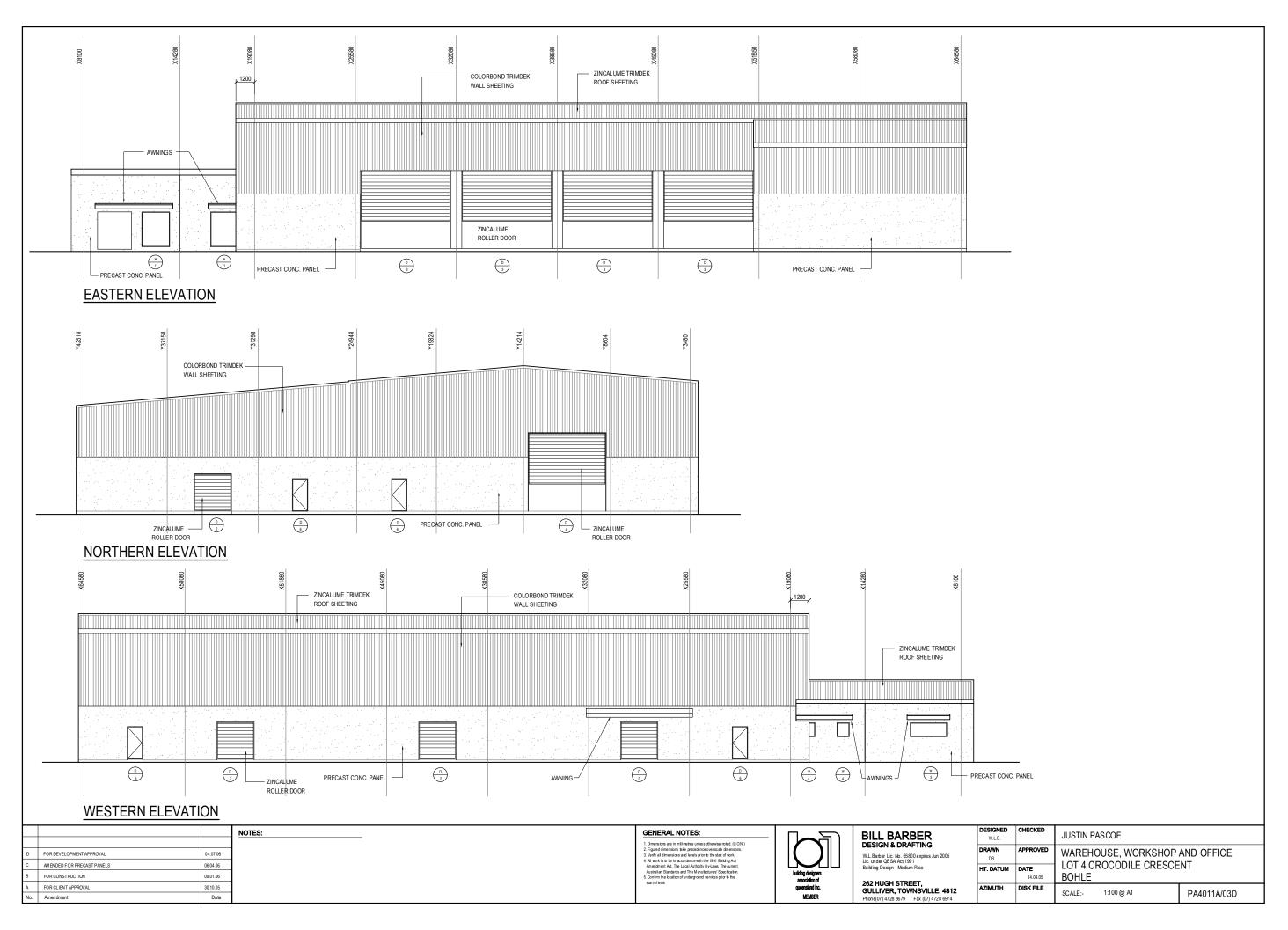




FLOOR PLAN 17-10-2024









Item	Hazards	Prevention Statements	Emergency Procedures
Sulphuric acid (H <sub>2</sub> SO <sub>4</sub> )	<ul> <li>Skin/eye corrosion/irritation, may cause severe skin burns and eye damage</li> <li>Respiratory irritation if inhaled, may cause cancer by inhalation</li> <li>May be corrosive to metals</li> <li>Can fume when in high concentrations.</li> <li>Elevated temperature accelerating burns.</li> </ul>	<ul> <li>Sulphuric acid is stored and locked in self-bunded IBCs as containment precaution in event of leak. The bunding can catch 100% of the volume of the IBC.</li> <li>Areas where sulphuric acid are used will include containment bunding.</li> <li>Wetted parts are chemically resistant to minimize corrosion and contamination.</li> <li>Vessels and pipes are sealed.</li> <li>Entering reagents storage area requires PPE: monogoggles, PVC or nitrile gloves.</li> <li>Use protective gloves, clothing, eye protection in case manual handling is required. Wash face, hands and any exposed skin thoroughly after handling.</li> <li>Isolation procedures including method of verifying isolation will be documented and communicated (embedded in training) to facilitate safe access to parts of the plan requiring adjustment or maintenance.</li> </ul>	<ul> <li>In case of an any incident, call a poison center or doctor/physician.</li> <li>In case of contact with skin take off contaminated clothing. Wash skin immediately with shower for at least 15 minutes. Wash contaminated clothing before reuse.</li> <li>Contact with eye, rinse immediately with eye-washing station for at least 15 minutes, also under eyelid. Remove contact lenses if present. Continue rinsing. Seek immediate medical assistance.</li> <li>Ingestion by swallowing, rinse mouth. DO NOT induce vomiting. Never give anything by mouth to unconscious person.</li> <li>In case of inhalation, move to fresh air and keep at rest in position comfortable for breathing. Seek immediate medical assistance. If breathing is difficult, give oxygen. Do not use mouth-to-mouth if victim ingested or inhaled substance. Use a pocket mask equipped with a one-way valve or other proper respiratory medical apparatus.</li> <li>In case of spillage, neutralize and absorb to prevent material damage. Full PPE is required when dealing with sulphuric acid clean-ups.</li> <li>Emergency STOP buttons outside the reagent storage area will be installed to ensure safe and swift shutdown of the equipment.</li> </ul>
Caustic soda (NaOH)	<ul> <li>Skin/eye corrosion/irritation, may cause severe skin burns and eye damage</li> <li>Respiratory irritation if inhaled, may cause cancer by inhalation</li> <li>May be corrosive to metals</li> </ul>	<ul> <li>Caustic soda is stored and locked in self-bunded IBCs as containment precaution in event of leak. The bunding can catch 100% of the volume of the IBC.</li> <li>Areas where caustic soda are used will include containment bunding.</li> <li>Do not breath mist, ensure good ventilation in reagent storage room.</li> <li>Store sodium hydroxide solution locked up in tightly closed corrosion resistant container.</li> </ul>	<ul> <li>In case of an any incident, call a poison center or doctor/physician.</li> <li>In case of contact with skin take off contaminated clothing. Wash skin immediately with shower for at least 15 minutes. Wash contaminated clothing before reuse.</li> <li>Contact with eye, rinse immediately with eye-washing station for at least 15 minutes, also under eyelid. Remove contact lenses if present. Continue rinsing. Seek immediate medical assistance.</li> <li>Ingestion by swallowing, rinse mouth. DO NOT induce vomiting. Never give anything by mouth to unconscious person.</li> </ul>

		<ul> <li>Anhydrous sodium hydroxide may be used and mixed onsite. Store dry, using protective equipment.</li> <li>Use protective gloves, clothing, eye protection in case manual handling is required. Wash face, hands and any exposed skin thoroughly after handling.</li> </ul>	<ul> <li>In case of inhalation, move to fresh air and keep at rest in position comfortable for breathing. Seek immediate medical assistance. If breathing is difficult, give oxygen. Do not use mouth-to-mouth if victim ingested or inhaled substance. Use a pocket mask equipped with a one-way valve or other proper respiratory medical apparatus.</li> <li>In case of spillage, neutralize and absorb to prevent material damage. Full PPE is required when dealing with caustic soda clean-ups.</li> <li>Emergency STOP buttons outside the reagent storage area will be installed to ensure safe and swift shutdown of the equipment.</li> </ul>
Pitch (Petroleum pitch)	<ul> <li>Skin/eye corrosion/irritation, may cause severe skin irritation, burning, itching and changes to pigmentation. Can cause severe irritation and damage to eyes.</li> <li>Respiratory irritation possible if vapors or dust inhaled.</li> <li>May cause cancer</li> <li>May cause genetic defects</li> <li>Suspected of damaging fertility and fetuses.</li> </ul>	<ul> <li>Stored in a cool, well-ventilated reagent storage.</li> <li>Store dry.</li> <li>Do not breath dust, fumes, gas, mist, vapors, ensure good ventilation in reagent storage room.</li> <li>Use protective gloves, clothing, eye protection in case manual handling is required. Wash face, hands and any exposed skin thoroughly after handling.</li> <li>Do not take contaminated clothing out of the workplace.</li> </ul>	<ul> <li>In case of contact with skin take off contaminated clothing. Wash skin twice with mild detergent. waterless hand cleaner, or soap and water. Exposed area should be examined by medical personnel if irritation or pain persists. Do not use solvents on skin as that may promote absorption. Seek immediate medical assistance.</li> <li>Contact with eye, rinse immediately with eye-washing station for at least 15 minutes, occasionally lift eyelid. Seek immediate medical assistance.</li> <li>In case of an any incident, call a poison center or doctor/physician.</li> <li>In case of inhalation, move to fresh air and keep at rest in position comfortable for breathing. Seek immediate medical assistance. If breathing is shallow, give oxygen. If breathing has stopped give artificial respiration. Keep affected person warm and at rest.</li> <li>Thermal exposure, contact with molten pitch causes serious burns. For contact with molten pitch, do not remove contaminated clothing. Flush skin immediately with large amounts of cold water. If possible, submerge area in cold water. Pack affected area with ice and get medical assistance immediately.</li> <li>Containment procedures:</li> <li>Solid pitch spill; shovel spilled material into disposal containers.</li> </ul>

Sodium	a Chin /ou a parracion /irritation	a Do not brooth dust fumos gos mist vapors angura good	<ul> <li>Liquid pitch spill; absorb material using inert solids (earth, sand, etc.).         Allow for cooling and shovel cooled pitch in disposal container.</li> <li>Clean-up procedures &amp; equipment:         <ul> <li>Protective PPE required.</li> <li>Remove all ignition sources.</li> <li>Ventilate area of spill</li> </ul> </li> </ul>
Silicate (Na₂SiO₃)	<ul> <li>Skin/eye corrosion/irritation, may cause severe skin irritation, burning. Skin inflammation is characterised by itching, scaling, reddening or blistering. Can cause severe irritation and damage to eyes. Eye may become red, watery and itchy.</li> <li>Respiratory irritation possible if vapors or mist inhaled. This may be characterised by coughing, choking, shortness of breath.</li> <li>Liquid or spray mist may produce tissue damage on mucous membranes of eyes, mouth and respiratory tract.</li> </ul>	<ul> <li>Do not breath dust, fumes, gas, mist, vapors, ensure good ventilation in reagent storage room.</li> <li>In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible.</li> <li>Avoid contact with skin and eyes.</li> <li>Keep away from incompatibles such as oxidizing agents, acids.</li> <li>PPE includes face shield, full suit, vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves and boots.</li> </ul>	<ul> <li>Contact with eye, rinse immediately with eye-washing station for at least 15 minutes, occasionally lift eyelid. Seek immediate medical assistance. Do not use an eye ointment.</li> <li>In case of contact with skin take off contaminated clothing. Wash skin immediately with deluge shower. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, cervices, creases and groin. Wash contaminated clothing before reuse.</li> <li>If inhaled, remove victim to area with fresh air and keep at rest in comfortable position for breathing.</li> <li>Ingestion by swallowing, rinse mouth. DO NOT induce vomiting. Never give anything by mouth to unconscious person. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical assistance.</li> <li>In event of small spill, dilute with water and mop up or absorb with inert dry material, dispose of in appropriate waste container.</li> <li>In event of large spill, stop leak if possible. Absorb with dry earth, sand or other non-combustible material. Do not use water. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.</li> </ul>

Electricity	Electrocution     Burns	<ul> <li>Ensure electrical supply is earthed and designed to provide energy in the electrochemical process only in a safe manner (designed to comply with AS3000 wiring regulations).</li> <li>Overload circuits exist to prevent an unsafe condition from occurring.</li> <li>Maintenance procedures to safely isolate key equipment.</li> </ul>	<ul> <li>Ensure plant is shut down from electrical source. Remove them from the hazard area.</li> <li>If anyone is affected by an electroshock, perform first aid: <ul> <li>Monitor pulse and breathing. Perform CPR if required.</li> <li>Treat the burns (cover with gauze).</li> <li>If person is nauseous, elevate legs if able to without pain.</li> </ul> </li> </ul>
Noise	<ul> <li>Prolonged exposure to loud noise can lead to permanent hearing loss or tinnitus (ringing in the ears).</li> <li>Constant noise can cause psychological stress and fatigue, reducing overall productivity.</li> <li>High noise levels can interfere with communication, leading to misunderstandings and accidents.</li> <li>Long-term exposure to noise can contribute to cardiovascular problems such as hypertension.</li> </ul>	<ul> <li>Ensure all plant equipment is rated in accordance with occupational health and safety exposure limits.</li> <li>Select machinery and tools that produce less noise where possible.</li> <li>Implement noise barriers, silencers, and vibration dampers to reduce noise at the source.</li> <li>Limit the time workers spend in noisy areas and rotate tasks to minimize exposure.</li> <li>Provide earplugs or earmuffs to workers in high-noise environments.</li> <li>Ensure machinery and equipment are well-maintained to prevent increased noise levels due to wear and tear.</li> </ul>	<ul> <li>If someone shows signs of hearing damage, seek medical attention.</li> <li>Move the affected person to a quieter area and provide hearing protection if necessary.</li> <li>Regularly train workers on noise hazards, prevention strategies, and emergency procedures.</li> </ul>
Dust	<ul> <li>Inhalation of dust can cause respiratory problems such as asthma, bronchitis, and chronic obstructive pulmonary disease.</li> <li>Prolonged exposure to certain types of dust, like silica or asbestos, can lead to serious lung diseases such as silicosis, asbestosis, and lung cancer.</li> </ul>	<ul> <li>Implement dust collection and extraction systems where manual handling occurs to capture dust at the source.</li> <li>Ensure adequate ventilation to reduce dust concentration in the air.</li> <li>Use wet milling or wet suppression methods to minimize dust generation if possible.</li> <li>Provide appropriate PPE such as masks, respirators, and protective clothing to workers.</li> </ul>	<ul> <li>When someone is exposed to a high concentration of dust, move them to a well-ventilated area and seek medical attention if necessary.</li> <li>Provide first aid for any skin or eye irritation caused by dust exposure.</li> </ul>

	<ul> <li>Dust can cause skin rashes and eye irritation.</li> <li>Certain types of dust, like graphite dust mixtures in air, can be explosive when ignited.</li> </ul>	Maintain a regular cleaning schedule to remove dust from surfaces and equipment.	
Hot work / hot surfaces	<ul> <li>Direct contact with hot surfaces can cause severe burns to the skin.</li> <li>Sparks and molten material from hot surfaces can ignite flammable materials nearby.</li> <li>Heat stress. Working in extreme heat for prolonged periods of time can cause the body to overheat, causing heat related illness such as heat stroke and heat exhaustion.</li> </ul>	<ul> <li>Holistic handling procedures will be developed.</li> <li>Regularly train workers on hot work safety practices and emergency procedures</li> <li>Wear appropriate personal protective equipment (PPE) such as gloves, face shields, and flame-resistant clothing</li> <li>Ensure proper ventilation to disperse fumes and gases.</li> <li>Keep fire extinguishers, fire blankets, and other firefighting equipment readily available.</li> </ul>	<ul> <li>Call emergency medical services immediately if someone is injured.</li> <li>While waiting for help, raise the burned area above the heart and ensure no clothing is stuck to the injury</li> <li>Have fire extinguishing equipment on hand and monitor the area for at least 30 minutes after completing hot work to ensure there is no risk of fire.</li> <li>Plan and practice evacuation procedures regularly to ensure everyone knows how to respond in an emergency</li> </ul>