

An aerial photograph of a construction site for a freight hub. The site is surrounded by residential areas and industrial buildings. The ground is mostly cleared and excavated, with some structures under construction. The image is overlaid with text and logos.

ST MARYS
freight hub

**SSD-7308 | Post Exhibition Assessment
Preliminary Construction Staging Strategy**

March 2020

Prepared for



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Prepared By: Guy Evans | Director

If this document is not signed it is a draft.



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"WeWork" 100 Harris Street PYRMONT NSW 2009 | PO Box 546 PYRMONT NSW 2009 | 02 9051 9333

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STAGING STRATEGY DESCRIPTION

This document details the intended staging strategy for the delivery of the St Marys Freight Hub.

Construction of the St Marys Freight Hub is separated into two (2) stages to ensure the coordinated delivery of construction.

The construction phase requires early works including remediation of asbestos material, clearing and preliminary earthworks and relocation of existing services, in addition to construction of the actual facility.

The delivery of the hardstand has been separated into two (2) stages to enable the early operation of the facility and for the demand for additional hardstand area to match the growth in throughput over the early years of operation.

Stage 1

It is essential for the first stage to deliver all internal access roads for both heavy and light vehicles and the respective entrances to the public road network to enable proper function of the facility. A large portion of the handstand area adjacent to the rail spur (inside the internal heavy vehicle access road) also needs to be provided to enable proper function of the facility from day one of operation.

The first stage also requires delivery of the car park, drainage and stormwater facilities, internal pathways, wash bay and the building pads for the office, container workshop and transport workshops. Construction of these buildings will be subject to a separate application in accordance with user requirements.

A permanent onsite fuel tank is also required, which might be supplemented by mobile fuel tankers in the early stages of operation.

Stage 2

The final stage will be to construct the hardstand designated for the stacking of empty containers.

Post-approval Amendments to Staging Strategy (if required)

It the event that the staging of any work needs to be moved to a different stage, it is proposed that an updated Staging Strategy will be submitted to the Department for Planning Industry & Environment for approval.

STAGE 1

Stage 1 Construction Items

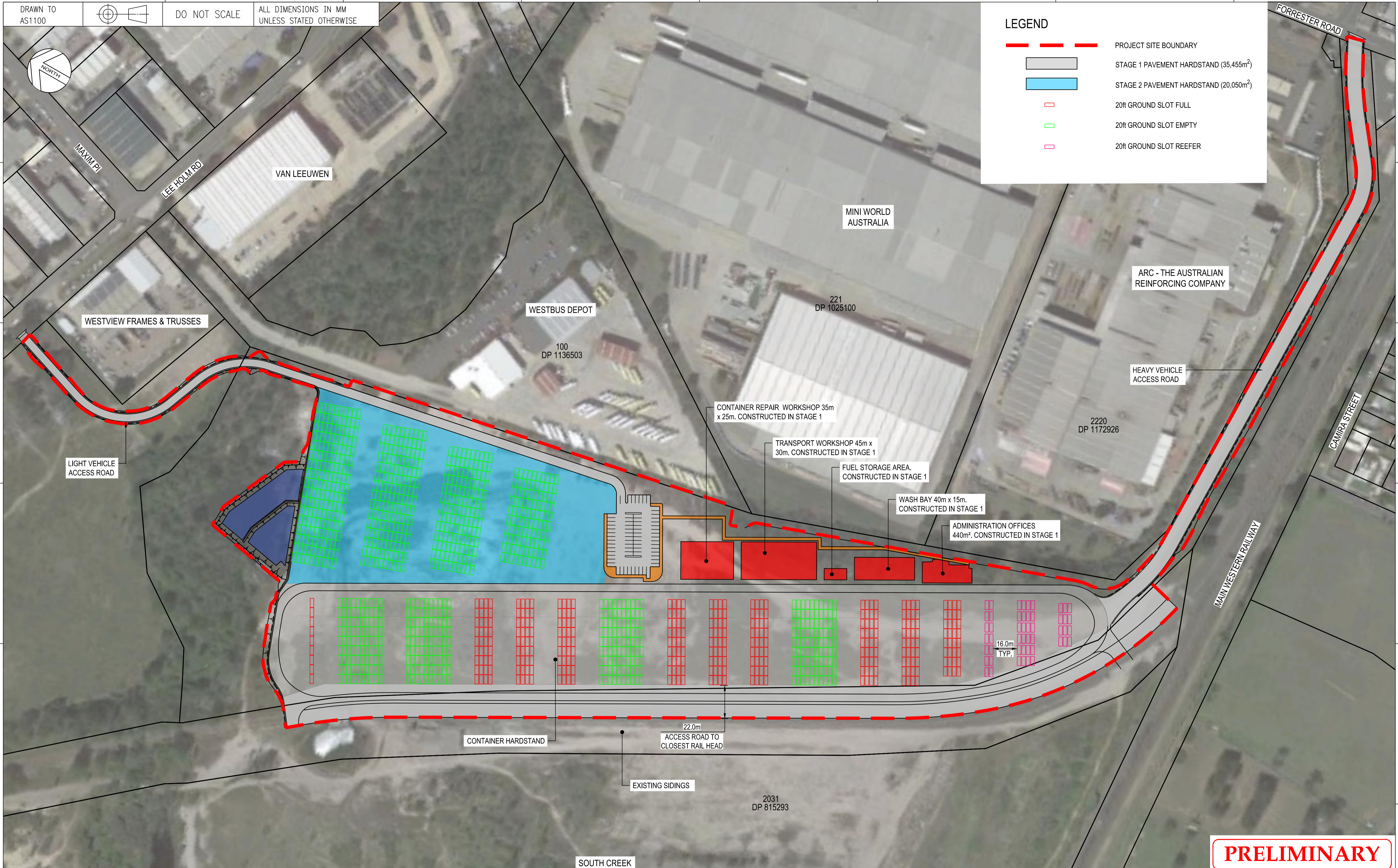
- Clearing and earthworks
- Remediation works
- Construction of terminal hardstand areas for container storage and laydown, and vehicle loading and unloading areas;
- Construction of new internal access roads providing separate ingress and egress for light and heavy vehicles as follows:
 - To/from Forrester Road for heavy vehicles; and
 - To/from Lee Holm Road for light vehicles only;
- Construction of:
 - Wash bay area;
 - Office building pad site and utility services connections;
 - Container Repair Workshop building pad site and utility services connections;
 - Transport Repair Workshop building pad site and utility services connections;
 - Staff and visitor light vehicle parking bays with access to and from Lee Holm Road only;
 - Pathways between car park and office building site;
 - Signage and landscaping;
 - Utility services to support the proposed development including drainage, environmental retention basin, retaining wall, potable water, and fire water, power, data, security and sewerage;
 - Realignment of Sydney Trains and Endeavour Energy high voltage overhead power line at the southern end of the subject site; and
 - Establishment of an electrical transformer.
- Design and installation of a detection system at the Forrester Road entry/exit for purposes of protecting vehicular/cyclist and pedestrian movements at the public interface; and
- Installation of fuel storage tank and area.

STAGE 2

Stage 2 Construction Items
<ul style="list-style-type: none">• Construction of Empty Container Park hardstand area to complete the development.

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LEGEND	
	PROJECT SITE BOUNDARY
	STAGE 1 PAVEMENT HARDSTAND (35,455m ²)
	STAGE 2 PAVEMENT HARDSTAND (20,050m ²)
	20ft GROUND SLOT FULL
	20ft GROUND SLOT EMPTY
	20ft GROUND SLOT REEFER



PRELIMINARY

Used on / Next higher assembly:					Designing Company: Brisbane Office BG&E DOC No: B18028 18/18 Brisbane St, Spring Hill QLD 4000 P: +61 7 3157 3300 F: +61 7 3157 3300 www.bgae.com.au		 	Sheet No. 2 of 2 Scale: NTS SHEET SIZE A1
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Rev	Date	Revision Description	Designed	Checked	Ind. Rev.	Approved	Accepted	
B	05.03.20	ISSUED FOR REVIEW	AK	MWE				
A	17.09.19	ISSUED FOR REVIEW	AK	SW				

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