

The Ribbon – Internal Traffic Management Plan



Discipline	Document No.	Rev #	Effective Date	Description of Change
Safety	C422 – 2560F1	0		New
Safety	C422 – 2560F1	1	September 2019	Temporary TCMP Map Updated

Introduction and Intent

Working on a construction project is one of the most dangerous occupations within Australian industry.

The risk from death or serious injury is especially present where vehicles, mobile plant and pedestrians share the same work areas or traffic routes.

The Ribbon Internal Traffic Management Plan involves the safe movement of vehicles (such as cars, utes and trucks), powered mobile plant (such as forklifts, scissor lifts and EWP's) and pedestrians within, through and entering/exiting the site where works are carried out.

This plan is to be used in conjunction with specific Safe Work Method Statements (SWMS) for the movement of powered mobile plant.

Project Details & Contacts

Project:	The Ribbon: 31-33 Wheat Rd, Darling Harbour 2000		
Issue Approval:	Name	Signature	Date September 2019
	Project Manager: Tony Mackenzie		
	Site Manager: Matt Crowe		
	Senior QHSE Advisor: Nathan Redford		
Version & Date:	Version 1		

Plan # 1 - Level Ground: Haul Road & Southern Loading dock (Lifting Zone) area

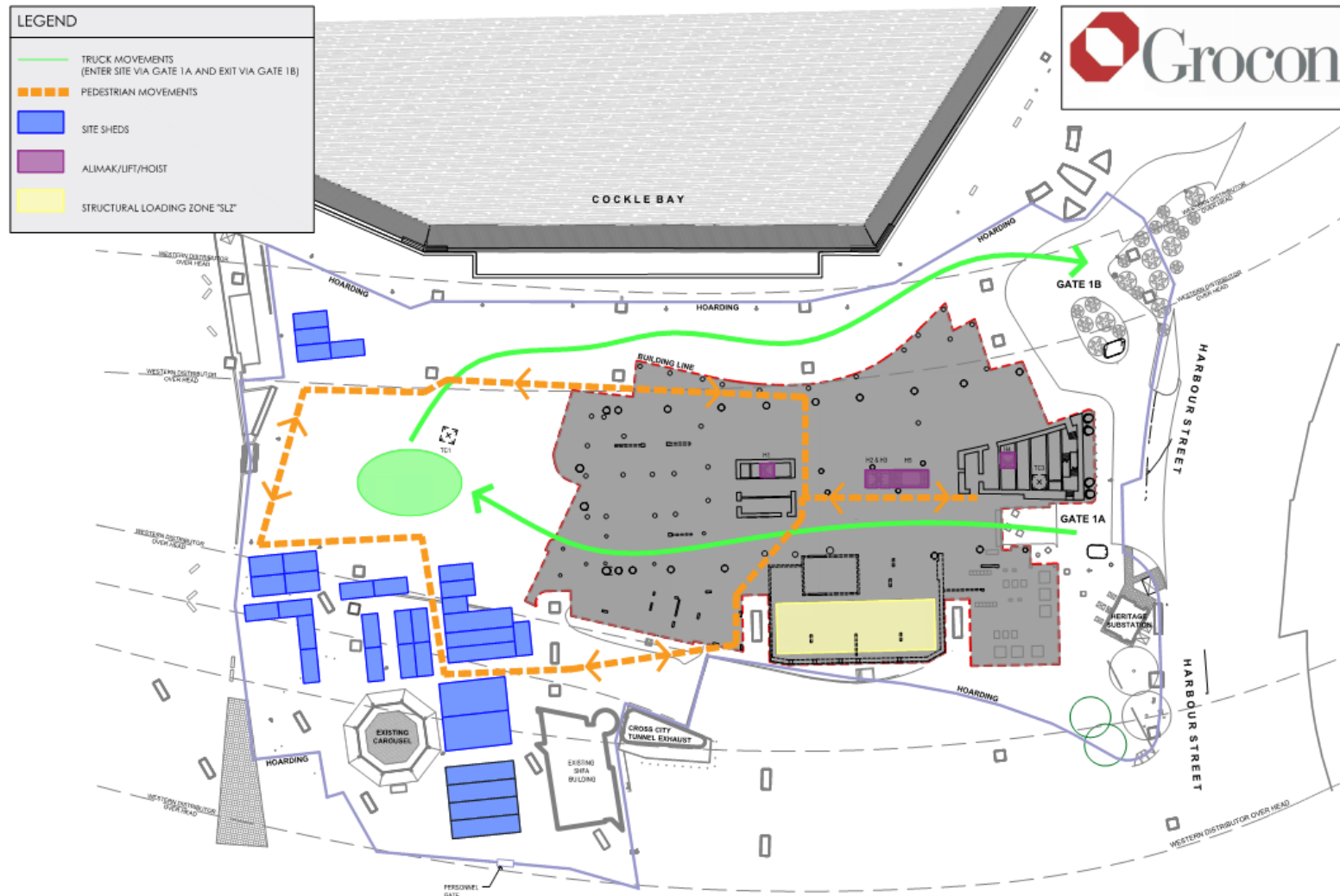
Plans 1, 2 & 3 on the following pages outline the movement and interaction zones for these areas on ground level.

To ensure the safety of all people in these areas the following systems are in place and procedures are adhered to:

- Only Grocon appointed traffic controllers will exclude any pedestrians (workers and public) at the Harbour St entrance gates via the use of barriers, signage and verbal instructions while any trucks, cars, forklifts or other mobile plant enters or exits the site;
- All mobile plant will have flashing beacons operating or where not fitted to delivery vehicle hazard lights operating
- **Spotter required in this area for any reversing delivery or pick up vehicle.**
- **Forklift does not require a spotter in these areas provided the operator has a clear view of the direction of travel.**
- **Forklifts will be operated by Grocon dedicated operators covered by a Grocon SWEMS for operation**
- Speed limit is 5KM per hour in this zone;
- Items of plant or materials are to be stored out of the movement zones to allow for maximum movement space when passing by;
- Vehicles and forklifts must sound their horn on approach to blind corners ;
- No vehicles/plant are to be unattended on an incline or top of a ramp – i.e. operator must be at the controls or wheels are adequately chocked to prevent movement.
- Forklift to be registered if accessing public footpath.

Note: Where possible to eliminate interaction between vehicles and powered mobile plant, dedicated access ways with barricades will define pedestrian walkways

Plan 1 – Ground Level – Harbour Street access to internal haul road and southern lifting zone. Max speed 5km/ hr



TRAFFIC MANAGEMENT PLAN

This document is uncontrolled when printed. Please consult the electronic version for the latest revision

Plan # 2 - Suspended Typical Floors – Level 12 - 28

The interaction of powered mobile plant (such as scissor lifts, mini crane and powered pallet lifters) and workers on these levels mainly occurs at the rough in stages and during glass façade installation. All powered mobile plant will move around at walking pace on these floors.

A priority on these levels is to ensure the structural integrity of the slabs by strictly managing the weight distribution of plant and materials on each level

All relevant trades and personnel will be informed via project meetings, committees, signage and electronic notification of the engineer's requirements powered mobile plant and materials to be maintained on these floors.

Further Information

All vehicles and powered mobile plant moving around site should also be aware of the following:

- Head of heights of floors where sprinkler pipes, cable trays and temporary cabling is hung;
- Penetrations and differing floor levels;
- Protruding materials or equipment into movement areas;
- Noise and exhaust fumes in enclosed spaces.

Document Reference

The following documents have been utilized in this formulation of this plan:

- Grocon Workplace Safety Management Plan;
- Grocon 6000P – Managing Quality, Safety and Environmental Risks
- Traffic Management in Workplaces Code of Practice (current draft)
- Work Health & Safety Act 2011;
- Work Health & Safety Regulations 2011;
- Traffic Management for Construction or Maintenance Work Code of Practice 2008;
- How to Manage Work Health & Safety Risks Code of Practice 2011;
- Work Health & Safety Consultation, Cooperation & Coordination Code of Practice 2011;
- Aurecon Consulting Engineers advice
- Drawings referencing concrete truck deliveries

'SPOTTER' REQUIREMENTS

1) Spotter to be positioned with full view of the direction of travel of the mobile plant and in the view of the operator in the following areas:

- All of ground floor areas,
- All public areas
- All other areas where pedestrians are present and in congested areas where overhead or other objects are close to the mobile plant or load and not in clear view of the operator.

2) Additional:

- Maximum speed limit is 5kph which is walking pace.
- Where a spotter is engaged when the mobile plant operator is driving forward the spotter should be walking ahead of the mobile plant and out of the path of the mobile plant in full view of the driver cautioning other pedestrians of the plant movement.
- The spotter is not to stand behind a mobile plant in its path of travel.