HANSENYUNCKEN

Traffic Management Plan

Project: Coffs Harbour Hospital Expansion (Refurbishment)

Job No: SN101

Rev: 2 – March 2021

—

Uncontrolled Document in Hard Copy
Copies shall not be made without the written permission of Hansen Yuncken Project Manager

Contents

1 Introduction 3
1.1 Review & Approval 3
1.2 Revision history 3
1.3 Definitions & Abbreviations 3
1.4 Legislation, Standards & Codes of Practice 3
2 Traffic management Requirements 5
2.1 Signs 5
2.2 Traffic Controllers 5
2.3 Signage Placement or Modification 5
2.4 Pedestrian Paths 5
2.5 Maintenance of Existing Traffic Flow 5
2.6 Site Access 5
2.6.1 Exiting Site 5
2.6.2 Entering Site 6
2.6.3 On Site Traffic Management 6
2.7 Traffic Management Report 6
2.8 Special Deliveries 6
3 APPENDICES 7
3.1 Site Layout Plan 7
3.2 Site Traffic Control Plan 8

1 Introduction

1.1 Review & Approval

Refer to Project Management Plan Responsibility Matrix for traffic management responsibility, input and approval

Position	Name	Sign	Date
Review			
Site Safety Officer	James Fuller		
Site Manager	Michael Nebauer		
Project Manager	Josh Crilley		
State HSE Manager	Peter Fay		
Approval			
State Construction Manager	Mick Parker		

1.2 Revision history

Rev.	Date	Description of amendments	Author	Checked
REV 1	18/03/21	First Issue	HW	

1.3 Definitions & Abbreviations

The following definitions and abbreviations have been used in this Traffic Management Plan. Further definitions and abbreviations are provided in referenced procedures and plans:

CORP	Hansen Yuncken Corporate
HSE	Health, Safety & Environment
HY	Hansen Yuncken Pty Ltd
PLN	HY Plan
PPE	Personal Protective Equipment
PR	Procedure
S/C	Subcontract(s) or Subcontractor(s) as the context requires

1.4 Legislation, Standards & Codes of Practice

Traffic shall be controlled in accordance with either of the following, depending on the contract or site conditions and requirements.

- **AS 1742.3** Manual for uniform traffic control devices, Part 3 – Traffic control devices for works on roads
- **SAA HB81.1 to HB81.6** Field guides for traffic control at works on roads. Part 1 to Part 6 cover various examples of work on different roads and under different conditions

2 Traffic management Requirements

2.1 Signs

The purpose of road signing or work site protection is:

- to provide a safe work area to work within; and
- to safely move traffic through, around and past a work site with minimum inconvenience.

2.2 Traffic Controllers

Only competent persons who possess the relevant state certification shall be appointed as traffic controllers and when a traffic management plan is to be implemented they must possess the relevant competency to implement, and or audit and design the traffic management plans dependent on the competencies obtained.

2.3 Signage Placement or Modification

HY Site Manager is responsible to ensure that the placement of temporary signs and their location is placed as per Traffic Control Plan by a qualified Traffic Controller.

Any worker setting up temporary traffic control or modifying permanent traffic controls or directing traffic must have signed a SWMS which has been reviewed by Hansen Yuncken.

The traffic controllers must be wearing the required PPE for the activity which is required to be nominated in the SWMS.

Any existing signs that do not apply shall be covered as per the approved traffic management plan.

2.4 Pedestrian Paths

Paths shall be safe and at least 1.2 metres wide.

2.5 Maintenance of Existing Traffic Flow

Existing traffic flows shall be maintained and only modified for short periods when other alternatives have been exhausted.

2.6 Site Access

The main entrance to the site shall be from Phil Hawthorne Drive. Warning signs will be placed along approximately 150m from the main entrance in both directions to warn traffic that vehicles will be crossing.

The access points into the site are indicated on the attached Traffic Control Plan along with Traffic Control Devices which will be put in place for the duration of the project and Temporary Traffic Control which will take place from time to time to bring in long or wide loads for items such as Structural Steel and Roof Sheet.

2.6.1 Exiting Site

When exiting the site compound vehicles will turn right onto Phil Hawthorne Drive and drive southbound toward Stadium Drive.

2.6.2 Entering Site

Vehicle's will enter the site via the south through Phil Hawthorne Drive. The site compound will contain a vehicle zone waiting, outside the site gates and off the road (refer to current revision of Site Layout Plan) to ensure vehicles are kept off Phil Hawthorne Drive. Large deliveries will be unloaded from within the site compound, the materials/items delivered here will then be placed on smaller vehicles and bought to the site as required.

A smaller satellite material handling/storage zone has been nominated on the southern road, south of main building A (MBA).

All on site traffic management will be managed through the Daily Pre-start Meetings.

2.6.3 Subcontractor Parking

The Subcontractors are urged to utilise public transport to assist in preventing traffic congestion in the local area. There will be approximately 50 parking spaces within the site compound for contractor and sub-contractor use. Subcontractors are not permitted to park in any hospital parking.

2.7 Traffic Management Report

During the operation of a Traffic Guidance Scheme, a daily Traffic Management Report shall be completed using the *Traffic Management Report Checklist* in BIM360 or equivalent report by the Traffic Management Subcontractor. The Subcontractors Traffic Management Report must be supplied to the Site Manager for future reference.

During the operation of a Traffic Guidance Scheme, daily routine tasks shall be undertaken in accordance with Appendix A of 1742.3;

- Before Work Starts.
- During Work Hours.
- Closing Down at the end of the day.
- After hours.

2.8 Special Deliveries

Any trucks that are long or wide loads will have specific traffic management in place to control traffic on Phil Hawthorne Drive. These loads, depending on RTA requirements, may require support vehicles or police escorts.

3 APPENDICES

3.1 Site Layout Plan

Refer PMP Appendices for current revision of ‘Site Layout Plan(s)

Legend of Symbols

- Project Building Works Area (Yellow = narrow wheelbase EWP OK)
- Project Building Works Area (Orange = All Terrain EWP only)
- External Perimeter Site Boundary (Type A Fencing)
- External Perimeter Site Boundary (Type A Fencing)
- Vehicle Gate
- Pedestrian P/A Gate
- HY SIGN — HY Statutory Project Site Signage Board
- Laydown Zone
- Site Emergency Evacuation Muster Point
- Internal Site Vehicle Main Path / Road
- P P — On-Site Vehicle Parking
- 10 — Vehicle Speed Limit Signage
- Vehicle Travel Direction Signage
- 3kPa — Vehicle Access Ramp with Max.Load
- Vehicle Access into Project Site
- Vehicle Egress out of Project Site
- Emergency Services Vehicle main Access to / Egress from Project Site
- OH&S First Aid Room with Defrib
- T(m/f) — Site Toilets (m=male. f=female)
- L — Site Lunchrooms
- HY — Site Offices Hansen Yuncken
- Truck Wash Out / Cattle Grate
- Temporary Driveway/crossover
- Site Amenities - area for S/C Site Office/container
- Laydown Zone
- Designated Storage Area
- Loading Bay

HY SITE MANAGEMENT & OHS&W PLANNING

HY Site Compound - All Stages

North

Revision: 01
Rev Date: 15.03.21

345 Pacific Highway
COFFS HARBOUR, NSW, 2450

Coffs Harbour Hospital Expansion (Refurbishment)

HANSENYUNCKEN

Legend of Symbols

- Project Building Works Area (Yellow = narrow wheelbase EWP OK)
- Project Building Works Area (Orange = All Terrain EWP only)
- External Perimeter Site Boundary (Type A Fencing)
- External Perimeter Site Boundary (Type A Fencing)
- Vehicle Gate
- Pedestrian P/A Gate
- HY SIGN — HY Statutory Project Site Signage Board
- Laydown Zone
- Site Emergency Evacuation Muster Point
- Internal Site Vehicle Main Path / Road
- P P — On-Site Vehicle Parking
- 10 — Vehicle Speed Limit Signage
- Vehicle Travel Direction Signage
- 3kPa — Vehicle Access Ramp with Max.Load
- Vehicle Access into Project Site
- Vehicle Egress out of Project Site
- Emergency Services Vehicle main Access to / Egress from Project Site
- OH&S First Aid Room with Defrib
- T(m/f) — Site Toilets (m=male. f=female)
- L — Site Lunchrooms
- HY — Site Offices Hansen Yuncken
- Truck Wash Out / Cattle Grate
- Temporary Driveway/crossover
- Site Amenities - area for S/C Site Office/container
- Laydown Zone
- Designated Storage Area
- Loading Bay

HY SITE MANAGEMENT & OHS&W PLANNING

345 Pacific Highway
COFFS HARBOUR, NSW, 2450

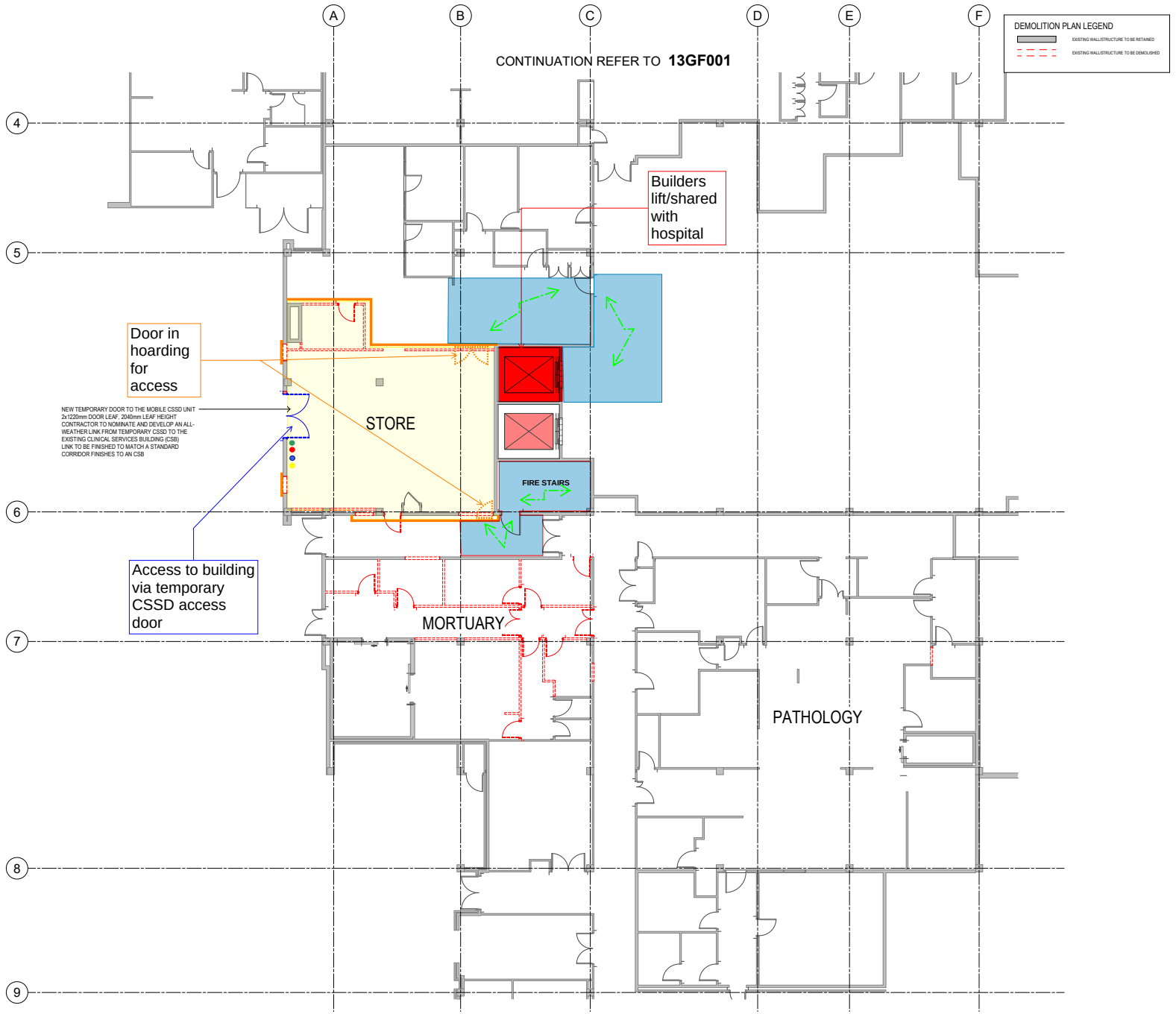
Temporary CSSD & On-call Accommodation - Stage 1

Coffs Harbour Hospital Expansion (Refurbishment)

North

Revision: 01
Rev Date: 15.03.21

HANSENYUNCKEN



Legend of Symbols

- Project Works Area
- Project Building Works Area (Orange = All Terrain EWP only)
- External Perimeter Site Boundary (Type A Fencing)
- External Perimeter Site Boundary (Type A Fencing)
- Vehicle Gate
- Pedestrian P/A Gate
- HY SIGN — HY Statutory Project Site Signage Board
- Laydown Zone
- Site Emergency Evacuation Muster Point
- Internal Site Vehicle Main Path / Road
- P P — On-Site Vehicle Parking
- 10 — Vehicle Speed Limit Signage
- Vehicle Travel Direction Signage
- 3kPa — Vehicle Access Ramp with Max.Load
- Vehicle Access into Project Site
- Vehicle Egress out of Project Site
- Emergency Services Vehicle main Access to / Egress from Project Site
- OH&S First Aid Room with Defrib
- T(m/f) — Site Toilets (m=male. f=female)
- L — Site Lunchrooms
- HY — Site Offices Hansen Yuncken
- Truck Wash Out / Cattle Grate
- Temporary Driveway/crossover
- Site Amenities - area for S/C Site Office/container
- Shared Lift
- Site Personnel Entry / Exit / Shared Travel Routes
- Hand Sanitiser Station
- Emergency Response push button (Nurse Call)
- Fire Fighting Equipment
- Water Point (non potable)

HY SITE MANAGEMENT & OHS&W PLANNING

345 Pacific Highway
COFFS HARBOUR, NSW, 2450

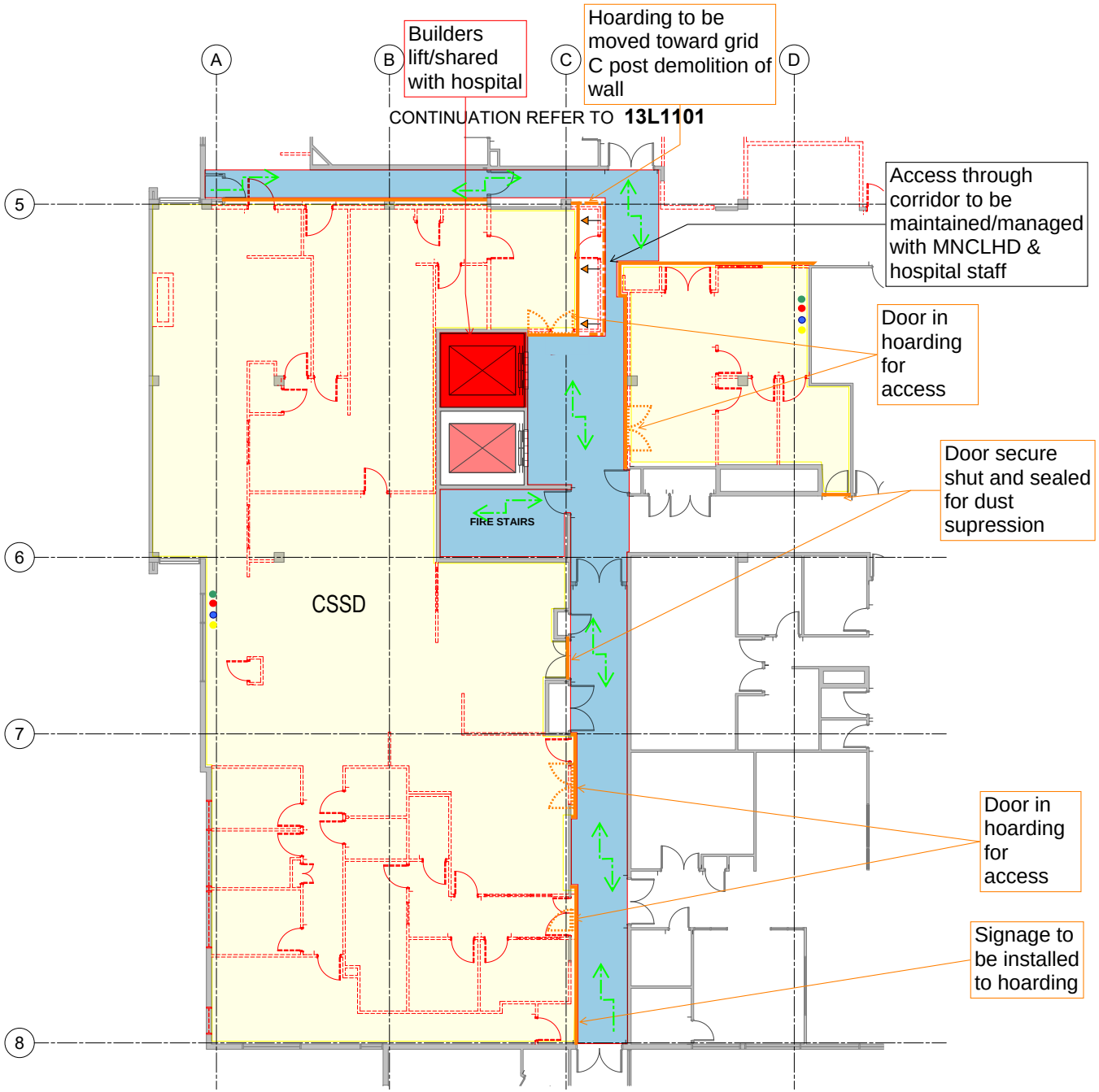
CSSD refurbishment - Ground Floor - Stage 1

Coffs Harbour Hospital Expansion (Refurbishment)

North

Revision: 01
Rev Date: 15.03.21

HANSENYUNCKEN



Legend of Symbols

- Project Works Area
- MIP Hoarding with dust suppression
- External Perimeter Site Boundary (Type A Fencing)
- External Perimeter Site Boundary (Type A Fencing)
- Vehicle Gate
- Pedestrian P/A Gate
- HY Statutory Project Site Signage Board
- Laydown Zone
- Site Emergency Evacuation Muster Point
- Internal Site Vehicle Main Path / Road
- On-Site Vehicle Parking
- Vehicle Speed Limit Signage
- Vehicle Travel Direction Signage
- Vehicle Access Ramp with Max.Load
- Vehicle Access into Project Site
- Vehicle Egress out of Project Site
- Emergency Services Vehicle main Access to / Egress from Project Site
- OH&S First Aid Room with Defrib
- Site Toilets (m=male. f=female)
- Site Lunchrooms
- Site Offices Hansen Yuncken
- Truck Wash Out / Cattle Grate
- Temporary Driveway/crossover
- Site Amenities - area for S/C Site Office/container
- Shared Lift
- Site Personnel Entry / Exit / Shared Travel Routes
- Hand Sanitiser Station
- Emergency Response push button (Nurse Call)
- Fire Fighting Equipment
- Water Point (non potable)

HY SITE MANAGEMENT & OHS&W PLANNING	On call refurbishment - Level 1 - Stage 1	North	Revision: 01 Rev Date: 15.03.21
345 Pacific Highway COFFS HARBOUR, NSW, 2450	Coffs Harbour Hospital Expansion (Refurbishment)	HANSENYUNCKEN	

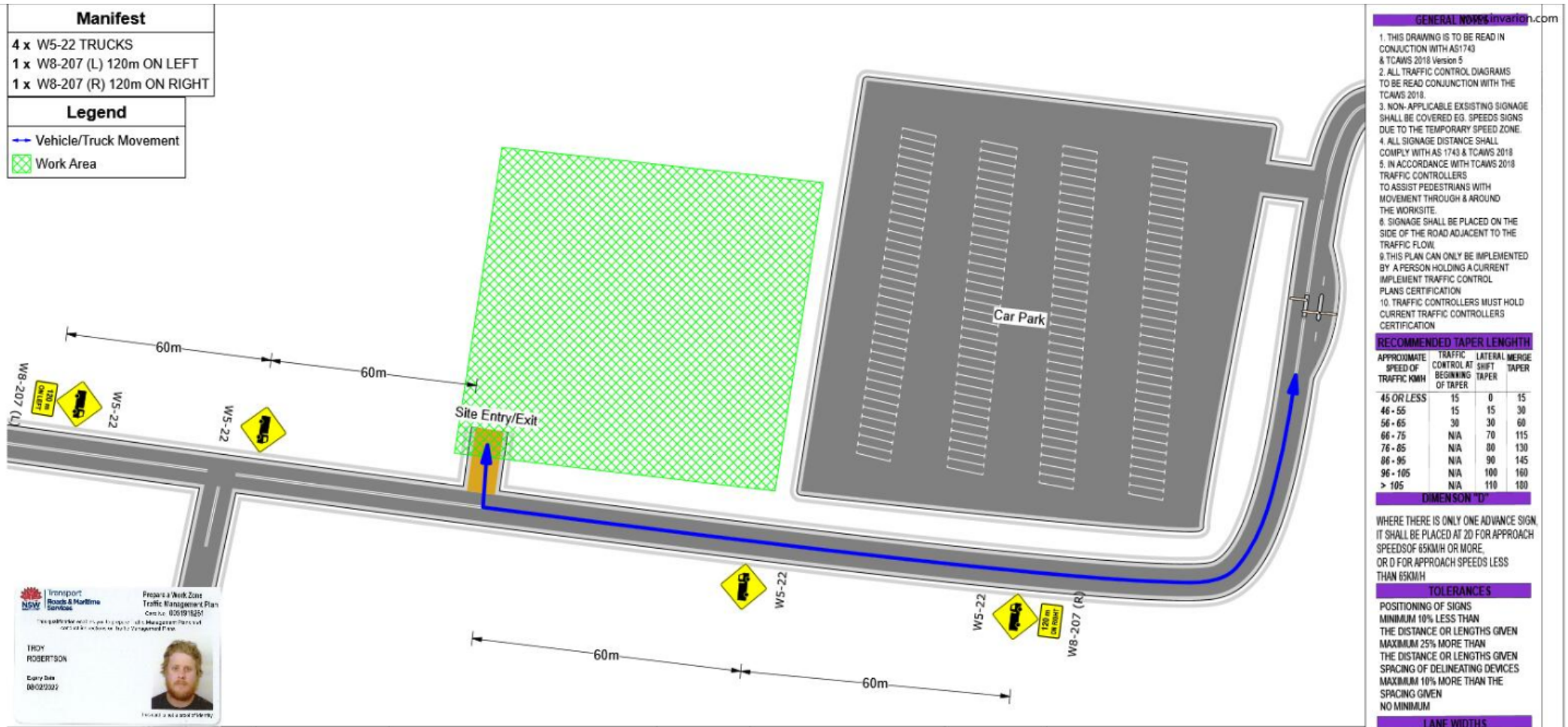
3.2 Site Traffic Control Plan

Manifest

4 x W5-22 TRUCKS
1 x W8-207 (L) 120m ON LEFT
1 x W8-207 (R) 120m ON RIGHT

Legend

- Vehicle/Truck Movement
- Work Area



GUARDIAN TRAFFIC SERVICES

REV	DATE	DESCRIPTION
1	29.03.2021	SUBMITTED TO CLIENT
2		
3		
4		
5		

CLIENT	Hansen Yunken	Author	Troy Robertson
Road Name	Phil Hawthorne Dr	Certification	Prepare Work Zone Management Plan 0051918261
Suburb	Coffs Harbour	Signature	T. Robertson
Term	Long Term	TCP No	195 with mods
Road type	2 Lane, 2 Way	Plan Reference No	GTS-HY-PHCH-001
Type of Work	Site Entry/Exit		PLAN NOT TO SCALE

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUCTION WITH AS1743 & TCAWS 2018 Version 5
2. ALL TRAFFIC CONTROL DIAGRAMS TO BE READ CONJUNCTION WITH THE TCAWS 2018.
3. NON- APPLICABLE EXSISTING SIGNAGE SHALL BE COVERED EG. SPEEDS SIGNS DUE TO THE TEMPORARY SPEED ZONE.
4. ALL SIGNAGE DISTANCE SHALL COMPLY WITH AS 1743 & TCAWS 2018
5. IN ACCORDANCE WITH TCAWS 2018 TRAFFIC CONTROLLERS TO ASSIST PEDESTRIANS WITH MOVEMENT THROUGH & AROUND THE WORKSITE.
6. SIGNAGE SHALL BE PLACED ON THE SIDE OF THE ROAD ADJACENT TO THE TRAFFIC FLOW.
9.THIS PLAN CAN ONLY BE IMPLEMENTED BY A PERSON HOLDING A CURRENT IMPLEMENT TRAFFIC CONTROL PLANS CERTIFICATION
10. TRAFFIC CONTROLLERS MUST HOLD CURRENT TRAFFIC CONTROLLERS CERTIFICATION

RECOMMENDED TAPER LENGHTH

APPROXIMATE SPEED OF TRAFFIC KM/H	TRAFFIC CONTROL AT BEGINNING OF TAPER	LATERAL SHIFT TAPER	MERGE TAPER
45 OR LESS	15	0	15
46 - 55	15	15	30
56 - 65	30	30	60
66 - 75	N/A	70	115
76 - 85	N/A	80	130
86 - 95	N/A	90	145
96 - 105	N/A	100	160
> 105	N/A	110	180

DIMENSON "D"

WHERE THERE IS ONLY ONE ADVANCE SIGN, IT SHALL BE PLACED AT 2D FOR APPROACH SPEEDSOF 65KM/H OR MORE, OR D FOR APPROACH SPEEDS LESS THAN 65KM/H

TOLERANCES

POSITIONING OF SIGNS
MINIMUM 10% LESS THAN
THE DISTANCE OR LENGTHS GIVEN
MAXIMUM 25% MORE THAN
THE DISTANCE OR LENGTHS GIVEN
SPACING OF DELINEATING DEVICES
MAXIMUM 10% MORE THAN THE
SPACING GIVEN
NO MINIMUM

LANE WIDTHS

THE MIN LANE WIDTH TO
BE PROVIDED THROUGH
OR PAST THE WORKSITE SHALL
BE 3.0m (3.5m DESIRABLE)

QUEUE MANAGEMENT PLAN

AT ALL TIMES DURING THE COURSE OF THE WORK TRAFFIC QUEUES SHALL BE MONITORED TO ENSURE THAT TRAFFIC DOES NOT EXCEED BEYOND THE LIMITS OF ADVANCED WARNING SIGNS

VEHICLE MOVEMENT PLAN

ALL WORK VEHICLES TO ENTER AND EXIT WORKSITE UNDER THE DIRECTION OF TRAFFIC CONTROLLER WITH THE TRAFFIC FLOW ON DESIGNATED UHF CHANNEL

invarion.com