

WOLLONGONG CITY COUNCIL

Traffic Committee Agenda

8 August 2023



TUESDAY 8 AUGUST 2023
9.15 AM

PURPOSE OF MEETING

The City of Wollongong Traffic Committee is not a Committee of Wollongong City Council however a Technical Committee of Transport for NSW (TfNSW). The Committee operates under the authority conferred to Council by TfNSW under the Transport Administration Act 1988. Council has resolved to manage the Traffic Committee under a Charter which sets out the membership, timelines for the preparation of the Agenda and the distribution of Minutes, in accordance with TfNSW (previously RMS) document 'A guide to the delegation to councils for the regulation of traffic' (including the operation of Traffic Committees).

Council has been delegated certain powers, from TfNSW, regarding traffic matters upon its local roads. A condition of this delegation is that the General Manager will approve the minutes under delegated authority.

There are four permanent members of the Traffic Committee, *each of whom has a single vote only.*

- The members are representatives of the NSW Police Force, Transport for NSW, the Local State Member of Parliament (for the location of the issue to be voted upon), and a representative of Wollongong City Council.
- If TfNSW or NSW Police Force disagrees with any Traffic Committee recommendation, that member may lodge an appeal with the Regional Traffic Committee for determination. The appeal must be lodged in writing within 14 days of the Minutes being published on the Council's website. Any action relative to any issue under appeal must cease until the matter is determined. The Regional Traffic Committee is chaired by an independent chairperson and submissions and representations are welcomed from all interested parties.

INDEX

ITEM	PAGE NO.
1	STANDING AGENDA ITEMS 4
1.1	Welcome.....4
1.2	Acknowledgement of Country4
1.3	Declarations of Interest4
1.4	Apologies.....4
1.5	Confirmation of Minutes Arising from Previous Minutes4
1.6	Business Arising from Previous Meeting.....4
2	GENERAL BUSINESS 4
2.1	AUSTINMER, Boyce Avenue – Ward 1 – Heathcote Electorate – Road Safety Improvements4
2.2	BULLI, William Street – Ward 1 – Heathcote Electorate – Timed No Parking Restrictions.....5
2.3	WOLLONGONG, Smith Street – Ward 2 – Wollongong Electorate – No Parking Restrictions.....5
2.4	BERKELEY, Kelly Street – Ward 3 – Wollongong Electorate – Timed Parking Restrictions5
3	REGULATION OF TRAFFIC 10
3.1	AUSTINMER, Moore Lane – Ward 1 – Heathcote Electorate – Tree Pruning on Private Property 10
3.2	EAST CORRIMAL, Augusta Street between Pioneer Road and Linga Street – Ward 1 – Wollongong Electorate – Corrimal Community Church Christmas Carols (Class 3) 10
3.3	WOLLONGONG, Endeavour Drive – Ward 2 – Wollongong Electorate - Stihl Timbersports Series (Class 2) 10
3.4	WOLLONGONG, Various Locations in Wollongong CBD – Ward 2 – Wollongong Electorate – Culture Mix (Class2) 11
3.5	PORT KEMBLA, Gloucester Boulevard, between Darcy and Military Roads – Ward 3 – Wollongong Electorate – Illawarra Triathlon Club (Vehicle Race on Road)..... 11
3.6	KEMBLA GRANGE, West Dapto Road– Ward 3 – Keira Electorate – More Trains More Services Program (MTMS) 12
4	DESIGN MATTERS.....25
4.1	BULLI, Augusta Street between Pioneer Road and Linga Street – Ward 1 – Heathcote Electorate – Park Road and Railway Street – Raised Pedestrian Crossings, Parking Bays; and supporting lines and signs.....25
5	DEVELOPMENT MATTERS32
5.1	CORDEAUX HEIGHTS, Staff Road – Ward 2 – Keira Electorate – Subdivision Signs and Lines32
6	DOB IN A HOON (NSW POLICE REFERRALS)37

1 STANDING AGENDA ITEMS

1.1 Welcome

1.2 Acknowledgement of Country

"We pay our respects to and acknowledge the traditional custodians of Dharawal Country, the land on which we meet, and pay our respects to Elders past, present and those emerging. We also extend our respects to Aboriginal and Torres Strait Islander people present here today."

1.3 Declarations of Interest

1.4 Apologies

1.5 Confirmation of Minutes Arising from Previous Minutes

1.6 Business Arising from Previous Meeting

2 GENERAL BUSINESS

2.1 AUSTINMER, Boyce Avenue – Ward 1 – Heathcote Electorate – Road Safety Improvements

BACKGROUND

Council has investigated the traffic conditions at the turn on Boyce Avenue, Austinmer near number 11 and at Lawrence Hargrave Drive:

- a. 11 Boyce Avenue, Austinmer (At the turn in the road) - Council received a customer request raising concerns of parked vehicles forcing vehicles to travel on the incorrect side of the road with poor sight distance. The geometry of the road (and pavement material) creates ambiguity as to whether the location is indeed a curve in the road or a T-intersection, and ambiguity as to parking restrictions in accordance with NSW Road Rules. Following an investigation, Council has proposed the installation of dividing barrier line marking and give-way signs and lines near 11 Boyce Avenue, Austinmer in accordance with the attached plan. The proposed works will reduce the likelihood of a head-on collision, improve traffic flow, and to reduce ambiguity.
- b. Boyce Avenue and Lawrence Hargrave Drive Intersection - During the consultation phase of item (a), Council were made aware of poor driver behaviours at the intersection which include illegal right turns, driving on the incorrect side of the road and cutting the corner during turns. To improve the situation, Council has proposed the installation of Stop line (TF) as well as 10m of dividing barrier (BB) line marking in accordance with the attached plan.

CONSULTATION

Consultation for item was undertaken, of the eight (8) responses received from the consultation phase, only two (2) opposed the proposal. These two responses did not support the proposal on the basis of impact to parking. Council Officers have considered the feedback received have decided to proceed as the proposal will improve safety and remove ambiguity. Further, Boyce Ave is wide enough to allow for on-street parking in other locations nearby.

PROPOSAL

The Traffic Committee endorse the attached plan.

2.2 BULLI, William Street – Ward 1 – Heathcote Electorate – Timed No Parking Restrictions

BACKGROUND

Council received a notification from Bulli Public School of an incident occurring and emergency vehicles could not access the William Street Access gate or school grounds due a parked vehicle. Council has reviewed the traffic conditions at location and propose the installation of two timed No Parking signs in front of the access gate to prohibit parking across the emergency access gate at the school.

CONSULTATION

Consultation has occurred, the community support the proposal.

PROPOSAL

The Traffic Committee endorse the attached plan.

2.3 WOLLONGONG, Smith Street – Ward 2 – Wollongong Electorate – No Parking Restrictions

BACKGROUND

Council was informed of a minor injury crash between a cyclist riding on the Smith Street cycleway and a car entering the Collegians carpark. Cyclists have right of way on the cycleway including as it passes each driveway. While the parking bay linemarking on one side of the driveway is offset to provide a sight line to cyclists riding downhill, drivers have been observed parking outside of the marked bay close to the driveway hindering visibility. Given the level of use of the Collegian Driveway, Council is proposing the installation of No Parking signage on both sides of the driveway along with chevron markings between the driveway edges. These signs are proposed to enhance compliance and provide additional visibility to approaching cyclists.

In addition to the No Parking zone, creation of a parking space some 25m east of the driveway is proposed in front of a redundant driveway crossing.

CONSULTATION

Tenants and property owners fronting the proposal have been consulted. No responses to Council's request for feedback were received.

PROPOSAL

The Traffic Committee endorse the attached plan.

2.4 BERKELEY, Kelly Street – Ward 3 – Wollongong Electorate – Timed Parking Restrictions

BACKGROUND

Council has reviewed the traffic conditions between 2 and 8 Kelly Street, Berkeley following a customer request regarding poor parking turnover in the area. Currently, parking is unrestricted parking at this location and drivers can park all day. To improve business turnover for the shops in 2 and 8 Kelly Street, Council is proposing to change the all-day parking spaces on the Kelly Street frontage to 2hr parking from 8:30am to 4:30pm (Monday to Friday) and 8:30am to 12:30pm (Saturday). Furthermore, Council is proposing to install a No Parking zone "Australia Post Vehicles Excepted" in front of the post box. This will provide space for Australia Post operations and enable passenger pick up and drop by the public.

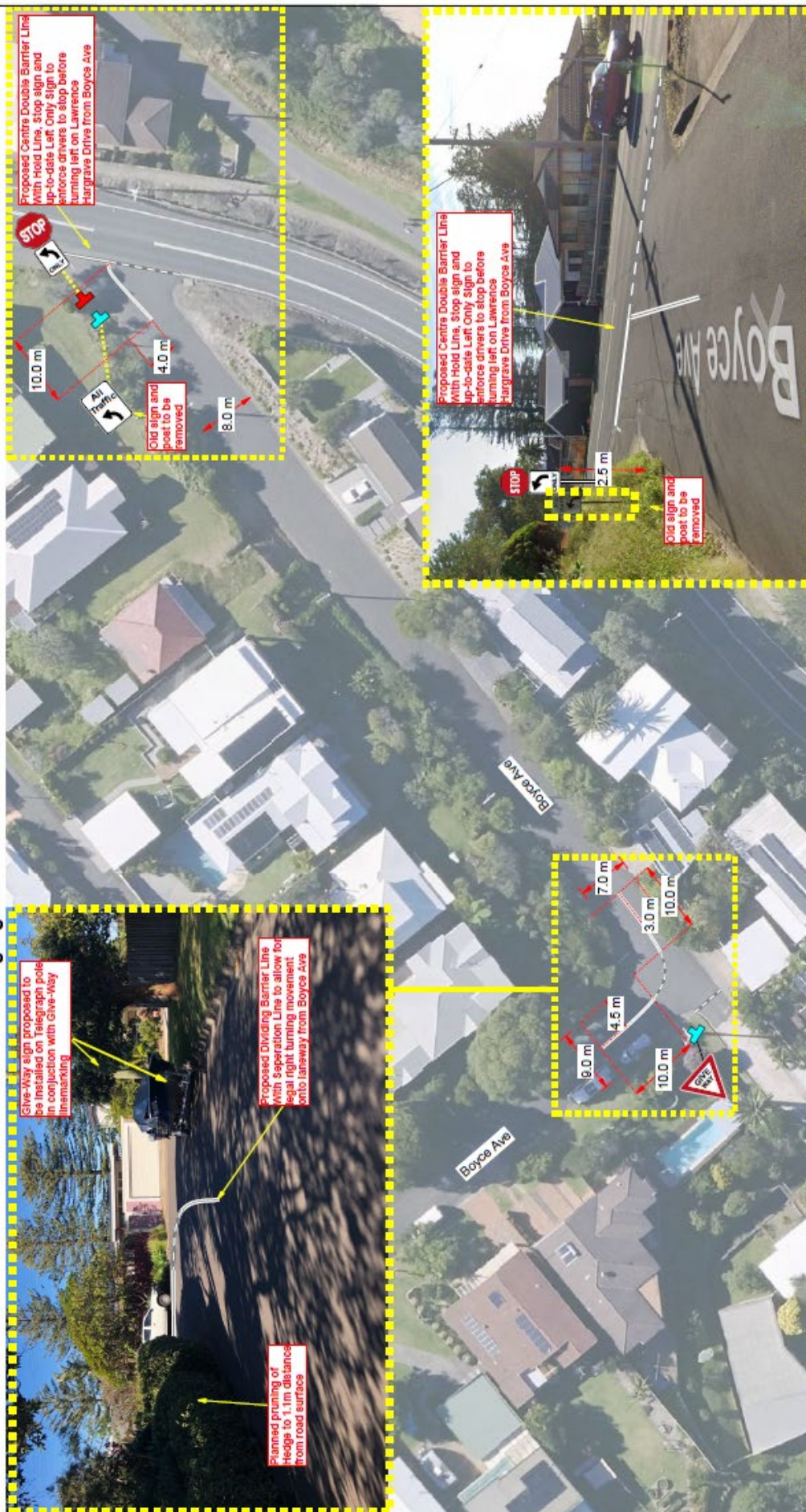
CONSULTATION


Consultation has occurred, the community support the proposal.








PROPOSAL


The Traffic Committee endorse the attached plan.

**All line marking to be installed in accordance with Transport for NSW Delineation Guidelines
All signage to be installed in accordance with AS1742.2**



 Wollongong city of innovation	Signage & Linemarking Plan Proposed linemarking and signage upgrade to Boyce Ave					Legend	
	Date	21/07/23	Street	Boyce Ave			
	Scale	1:500	Suburb	Austinmer			
	Page	1 of 1	Drawn	RJA	Reviewed	N/A	





	Dividing Barrier Line (BB)		Existing Pole		Give-Way Sign (R1 - 2)
	Give-Way Line (TB & TB1)		Proposed Post		
	Dividing Separation Line (S1)		Left Only R2 - 14 (L)		



Item 2.2 – Bulli, William Street – Timed No Parking Restrictions

All line marking to be installed in accordance with Transport for NSW Delineation Guidelines
All signage to be installed in accordance with AS1742.2



 wollongong city of innovation		Signage & Linemarking Plan				<div>Legend</div> <div> Proposed Pole</div> <div> Proposed Sign</div> <div></div>
Proposed No Parking Restrictions						
Date	07/07/23	Street	William Street			
Scale	1:500	Suburb	Bulli			
Page	1 of 1	Drawn	RJA	Reviewed	N/A	

Item 2.3 – Wollongong, Smith Street – No Parking Restrictions

All line marking to be installed in accordance with Transport for NSW Delineation Guidelines
All signage to be installed in accordance with AS1742.2



Signage & Linemarking Plan			
Smith St Parking Adjustments			
Date	30/06/23	Street	Smith Street
Scale	1:500	Suburb	Wollongong
Page	1 of 1	WG	Reviewed
			N/A

Legend

- Existing Sign Pole
- Proposed Sign Pole
- No Parking (r5-40)
- Chevron Marking
- Cycleway Separator

Item 2.4 – Berkeley, Kelly Street – Timed Parking Restrictions

All line marking to be installed in accordance with Transport for NSW Delineation Guidelines
All signage to be installed in accordance with AS1742.2



		Signage & Linemarking Plan Proposed Changes to Parking Restrictions			
Date	31/05/23	Street	Kelly Street		
Scale	1:500	Suburb	Berkeley		
Page	1 of 1	Drawn	RJA	Reviewed	N/A

Legend		Existing Pole	Proposed Pole	Existing Signs	
2P	2P	NO STOPPING	NO STOPPING	ONE WAY	
8:30-4:30 PM	8:30-12:30 PM	NO STOPPING	NO STOPPING	ONE WAY	

3 REGULATION OF TRAFFIC

3.1 AUSTINMER, Moore Lane – Ward 1 – Heathcote Electorate – Tree Pruning on Private Property

BACKGROUND

A resident of Moore Lane, Austinmer has applied to close Moore Lane to undertake urgent tree pruning work on private property at 22 Moore Street, Austinmer. The only way to access the tree safely is from the laneway. The date for the proposed works is Monday, 11 September 2023 from 10am to 2pm (4 hours) with backup dates of Tuesday 12 September or Wednesday 13 September at the same time.

The trees to be pruned currently hang over the lane and create difficulties for trucks using the lane, particularly the garbage trucks. With recent strong winds the tree coverage has dropped further onto the lane. There is some concern that the trees supporting this vegetation may collapse.

Walton's Tree Car Service will be contracted, and they have indicated that to carry out the work a mechanical cherry picker would be required. Traffic control would be contracted to provide traffic management on the day.

CONSULTATION

Impacted Residents will be advised via letterbox drop a week prior to the works.

PROPOSAL

The road closures be approved subject to the submitted Traffic Control Plans and [Council's Standard Conditions for Road Closures](#).

3.2 EAST CORRIMAL, Augusta Street between Pioneer Road and Linga Street – Ward 1 – Wollongong Electorate – Corrimal Community Church Christmas Carols (Class 3)

BACKGROUND

Corrimal Community Church has applied for a temporary road closure on Augusta Street East Corrimal between Pioneer Road and Linga Street to hold a Christmas Carol Event on Sunday, 10 December 2023 from 4pm to 9pm. The Church is located on 9 August Street, East Corrimal. The event has been held for several years successfully and the event organisers work in with the community to ensure there is minimal disruption. There will be heavy vehicle mitigation at the closure points and residents will need to detour around the intersection of Augusta Street and Pioneer Road.

CONSULTATION

The applicant must consult with affected property owners at least 14 days prior to the event.

PROPOSAL

The road closures be approved subject to the submitted Traffic Control Plans and [Council's Standard Conditions for Road Closures](#).

3.3 WOLLONGONG, Endeavour Drive – Ward 2 – Wollongong Electorate - Stihl Timbersports Series (Class 2)

BACKGROUND

A development application has been lodged with Council for a 1 day event from 11am to 8pm, Saturday, 16 September 2023 at Belmore Basin Foreshore 2 Endeavour Drive Wollongong. The event comprises of the Australian Wood Chopping Championship - Stihl Timbersports Series. The biggest and best series of international wood chopping, Stihl Timbersports Series has established itself worldwide as the prestigious major league of lumberjack sports, with a massive global fan base following live events and on TV.

Athletes compete in a variety of disciplines based on traditional logging skills to determine the best all-round lumberjack. Discipline include Hot Saw, Single Buck, Springboard Chop, Standing Block Chop, Stock Saw, and Underhand Chop. With roots in Australia, Canada, the United States and New Zealand, the series calls upon the best athletes to compete across 6 disciplines across the world and test their strength, endurance and technical ability with an axe and a chainsaw.

The DA reference is DA-2023/507. Whilst the event is to occur over 1 day, it requires several additional days to bump in/out, which may extend traffic impacts over a wider period:

- Bump In: 7am Monday 11 September 2023 – 11am Saturday 16 September 2023

- Event: 11am Saturday 16 September – 8pm Saturday 16 September
- Bump Out: 8pm Saturday, 16 September 2023 – 5pm Monday 18th September

The item requires consideration by the Wollongong Traffic Committee due to the proposed regulation of traffic and closure of the Endeavour Drive and the impact of detoured traffic on the local road network.

CONSULTATION

- Public notification and consultation with the relevant state authorities is being undertaken as part of the application.
- As the event is held on land owned by the State of NSW, the Event organiser has received a letter of Support from Transport for NSW Senior Portfolio Property Leasing Manager.
- The event has also Development Consent from the Department of Planning and Environment.
- The event organiser has provided vehicle mitigation on advice from NSW Police.

PROPOSAL

The road closures be approved subject to the submitted Traffic Control Plans and [Council's Standard Conditions for Road Closures](#).

3.4 WOLLONGONG, Various Locations in Wollongong CBD – Ward 2 – Wollongong Electorate – Culture Mix (Class2)

BACKGROUND

Culture Mix is proposed to occur on Saturday, 21 October 2023 between 12pm and 8pm at various locations in Wollongong CBD, including Wollongong Town Hall, The Arts Precinct, Wollongong Library and Wollongong Art Gallery. This one-day outdoor event will celebrate Wollongong's diverse community with vibrant music, dance, workshops, installations, and food from around the world.

It is expected 10000 visitors throughout the day will attend the event. The road closures will be from Lower Crown Street from Kembla Street and to Corrimal Street. Access to the event will be by walking, public transport and driving to nearby carparks.

Crown Street will be closed for the duration of Culture Mix, access will be maintained from Moore Lane and the Carpark managed by Traffic Control. Cyclists will be subject to the same road closures.

The proposed 5-minute pick-up and drop-off zone for Uber/Medical Centre in the current No Stopping Zone at Town Hall Place.

CONSULTATION

Consultation has occurred prior to the local traffic committee with Local businesses and NSW Police have been informed. There is also another round of consultation with businesses.

Property access will be maintained for all affected businesses on Crown Street. The traffic control company may be required to apply for a Road Occupancy Licence and stated in their TMP.

PROPOSAL

The road closures be approved subject to the submitted Traffic Control Plans and [Council's Standard Conditions for Road Closures](#).

3.5 PORT KEMBLA, Gloucester Boulevard, between Darcy and Military Roads – Ward 3 – Wollongong Electorate – Illawarra Triathlon Club (Vehicle Race on Road)

BACKGROUND

The Illawarra Triathlon Club has submitted a Traffic Management Plan to hold its Monthly Club Triathlon races as it has done for many years. The Triathlons occur from October to April each year. The State Junior Championships Billigence Race on the 15 October will be larger than normal, however within the footprint of the Traffic Guidance Scheme.

The Club proposes its Triathlon Race Series for the following Sunday race dates:

- Sunday 15 October 2023 (Billigence Race)
- Sunday 12 November 2023
- Sunday 10 December 2023
- Sunday 21 January 2024

- Sunday 18 February 2024
- Sunday 17 March 2024
- Sunday 14 April 2024

The on-road cycling part of the triathlon program requires the closure of Gloucester Boulevard between Darcy Road and Military Road Street from 7am to 11am. Access for pedestrians and cyclists will be maintained around the event area, cyclists will be subject to the same road closures as drivers or will be required to dismount. Property access will be maintained for affected residents.

This event was previously approved by the City of Wollongong Traffic Committee at its meeting on 12 October 2021 and 29 November 2022.

CONSULTATION

The Illawarra Triathlon Club has conducted triathlon events over a number of years and has worked to ensure that the events have minimal impact on the community. A letter box drop to affected residents will be undertaken in advance of the Triathlon dates. Consultation also occurs with Port Kembla Surf Life Saving Club.

PROPOSAL

The road closures be approved subject to the submitted Traffic Control Plans and [Council's Standard Conditions for Road Closures](#).

3.6 KEMBLA GRANGE, West Dapto Road– Ward 3 – Keira Electorate – More Trains More Services Program (MTMS)

BACKGROUND

The More Trains, More Services (MTMS) program is delivering platform extensions and asset upgrades between Sydney's CBD and the South Coast to support the introduction of the Mariyung fleet. Work at Kembla Grange involves preliminary site investigations including geotechnical assessments and survey work, and construction of overhead wiring footings.

Closure of West Dapto Road at the Kembla Grange level crossing to enable dropping of current overhead wires on track and running new ones, involving exclusion zones.

- Possession WE11: 9pm Friday 8 September 2023 to 11pm Sunday 10 September 2023

Detours will be in place.

It is noted that the approval for closure of the Dapto level crossing on Bong Bong Road has been approved through traffic committee for the same date. This closure will not proceed at the same time as Kembla Grange to avoid unnecessary pressure on the surrounding road network.

CONSULTATION

1. This scope will be notified in the September 2023 community notification, distributed in August 2023.
2. The contractor (Transport for Tomorrow) will work with Transport for NSW to notify internal stakeholders, Council and Sydney Trains (including possession replacement bus services).
3. Transport for Tomorrow have contacted the Illawarra Turf Club (Kembla Grange Racecourse) and they have advised that although they have a race meeting on Saturday 9 September, the impact is low as work is on the other side of the highway.
4. The closest resident lives 200 metres away from the work area on other the side of the Princes Highway and is not expected to be impacted.
5. Transport for Tomorrow have direct contacts for heavy vehicle and trucking associations to ensure impacts are appropriately communicated to the relevant stakeholders.
6. VMS will be in place prior to the closure to inform the broader community of the closure.

PROPOSAL

The road closures be approved subject to the submitted Traffic Control Plans and [Council's Standard Conditions for Road Closures](#).

Note 1:
Traffic control signage and devices shall be installed in accordance with the following:
- All signs and equipment shall COMPLY with Australian Standard AS1742.3:2019
- All signs and equipment shall COMPLY with the Uniform Traffic Control Devices Manual Part 3, Traffic Control for Work on Roads.

Implemented By:
Approved By:
Ticket #:
Date:
Signature:

Existing permanent speed limit (km/h)	Traffic control tape	Lateral offset tape	Merge taper
45 or less	15	15	15
46 to 85	15	15	30
86 to 115	30	30	60
116 to 130	N/A	70	115
131 to 145	N/A	80	130
146 to 160	N/A	90	145
161 to 180	N/A	100	160
Greater than 180	N/A	110	180

Pedestrian Management must be used if works encroach on footways or roadways unless proper measures are in place to conform with RMS Worksite Manual V6.1 and AS 1742.3

TRAFFIC CONTROL

STOP SLOW

ONE WAY

WORK ZONE

PEDESTRIAN CROSSING

MOORE STREET

MOORE LANE

SILADE STREET

OCEANIA PARADE

LIMESTONE MANGROVE DRIVE

50m

25m

10m

WORK ZONE

PEDESTRIAN CROSSING

TRAFFIC CONTROL

STOP SLOW

ONE WAY

MOORE STREET

MOORE LANE

SILADE STREET

OCEANIA PARADE

LIMESTONE MANGROVE DRIVE

50m

25m

10m

WORK ZONE

PEDESTRIAN CROSSING

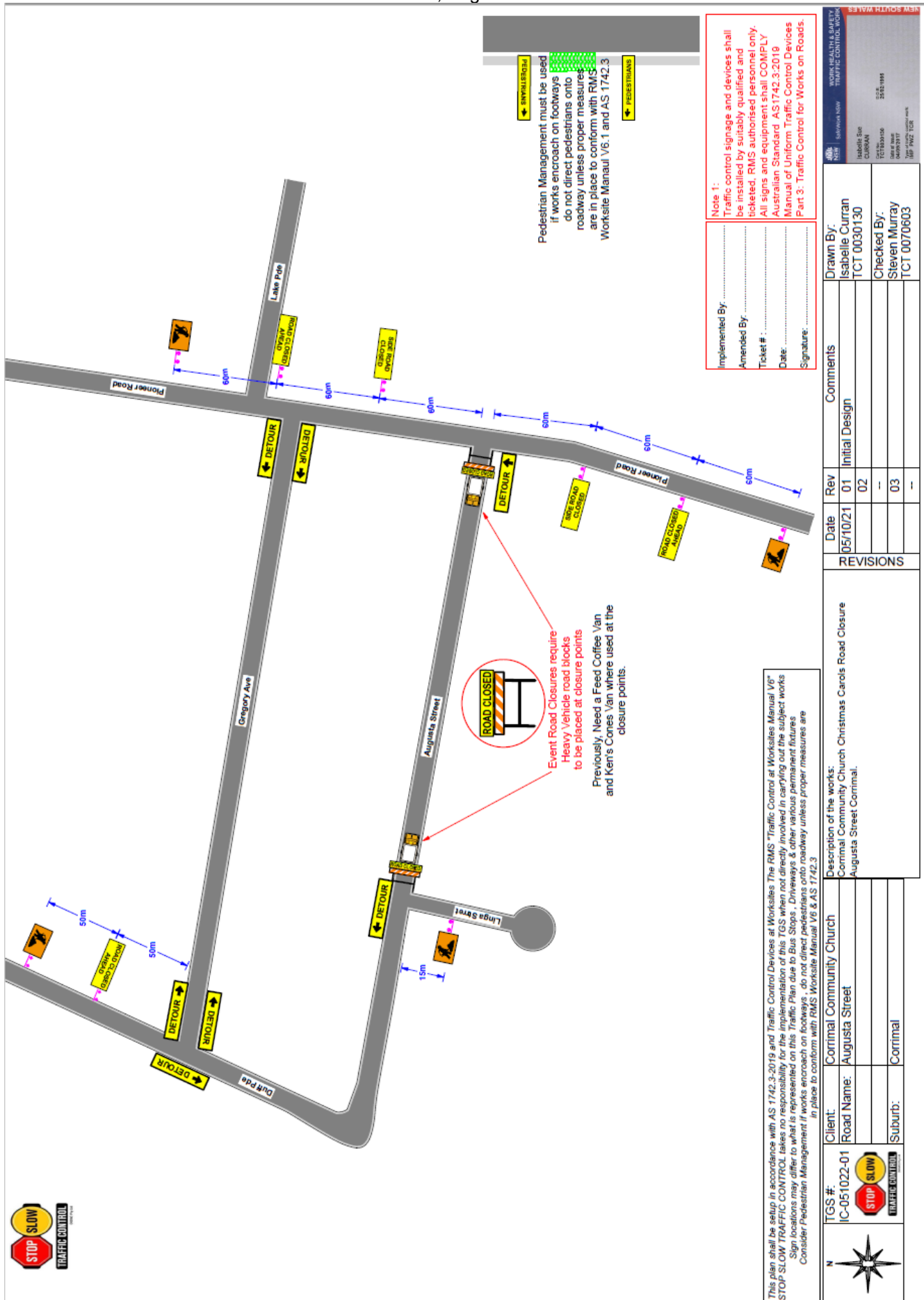
TRAFFIC CONTROL

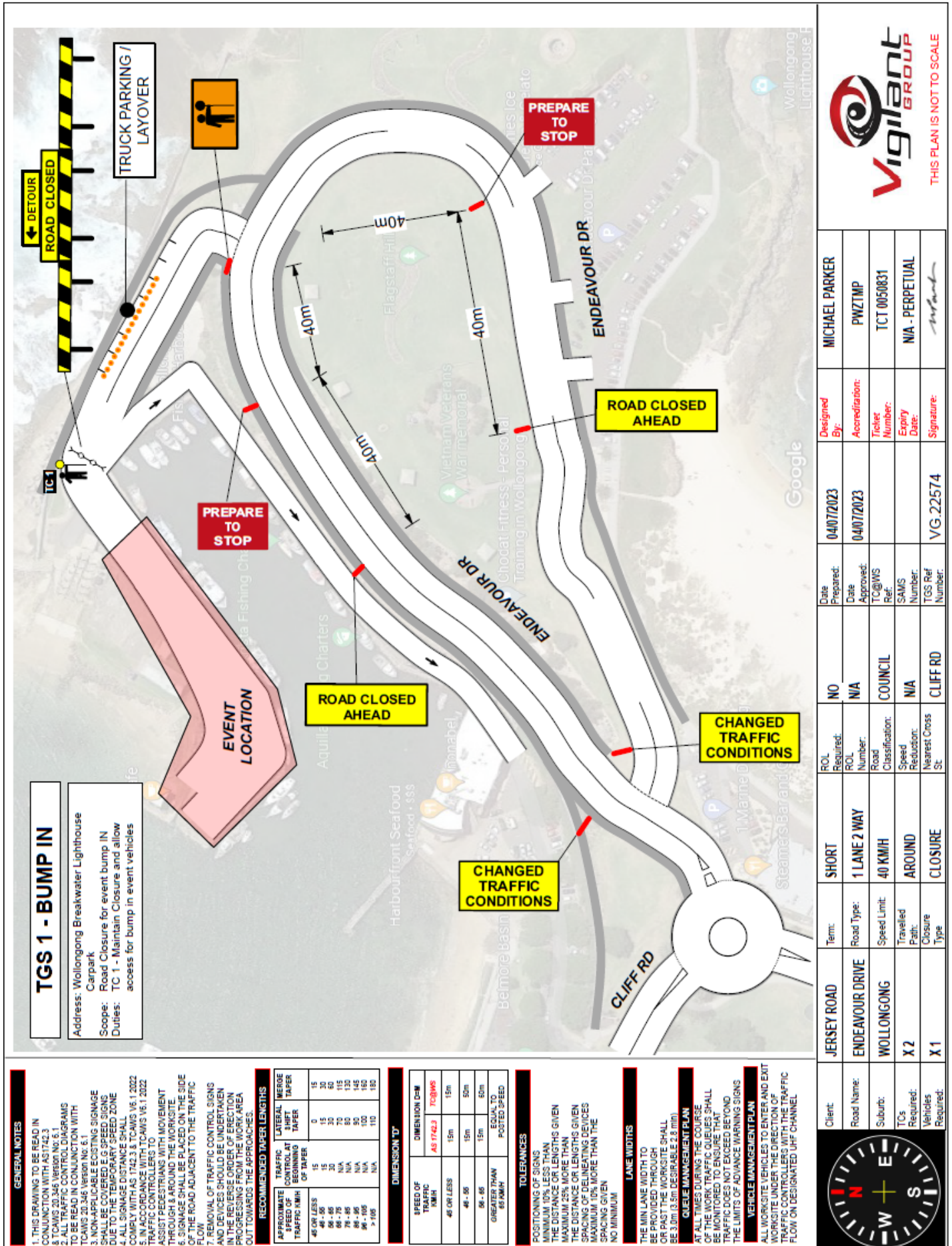
STOP SLOW

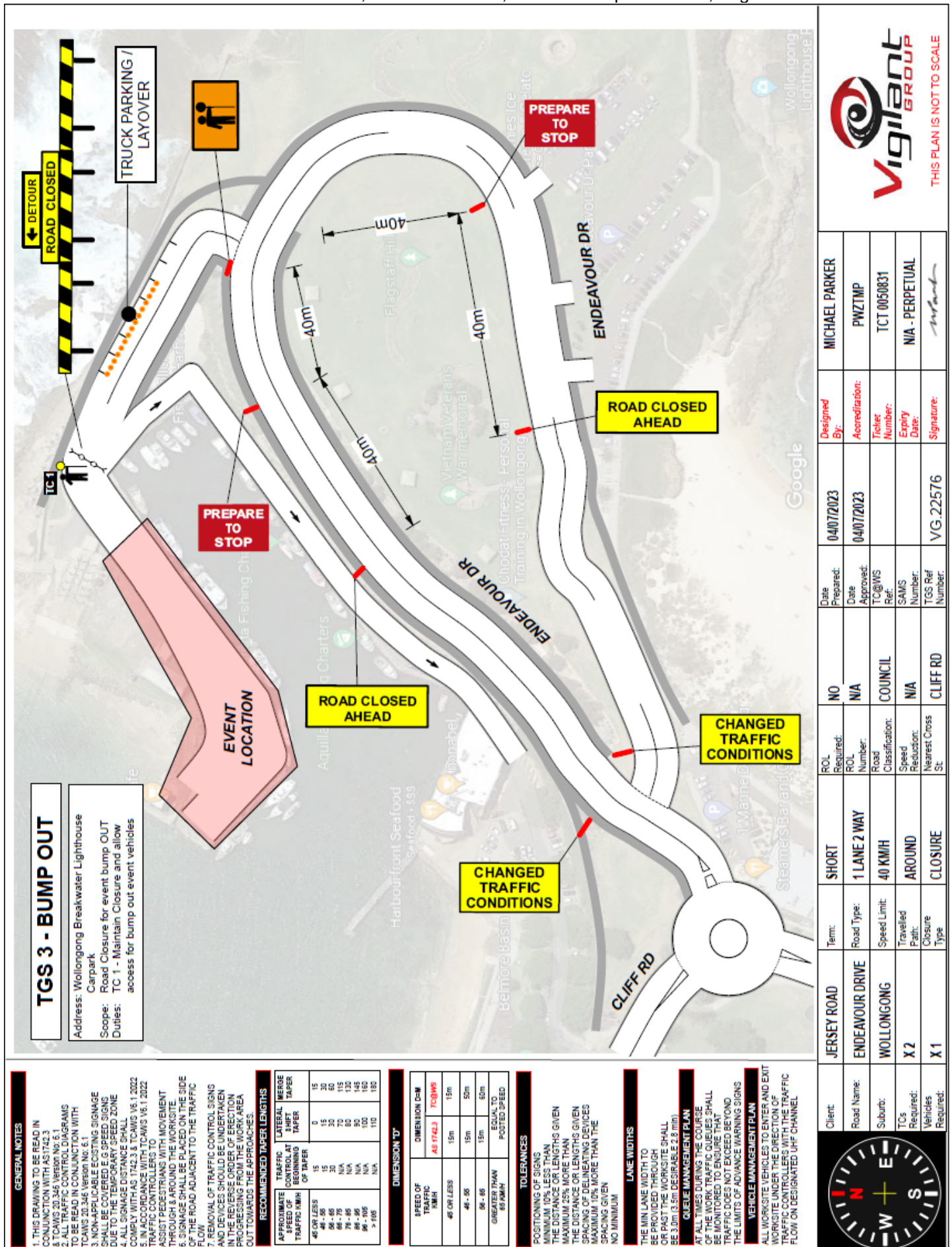
ONE WAY

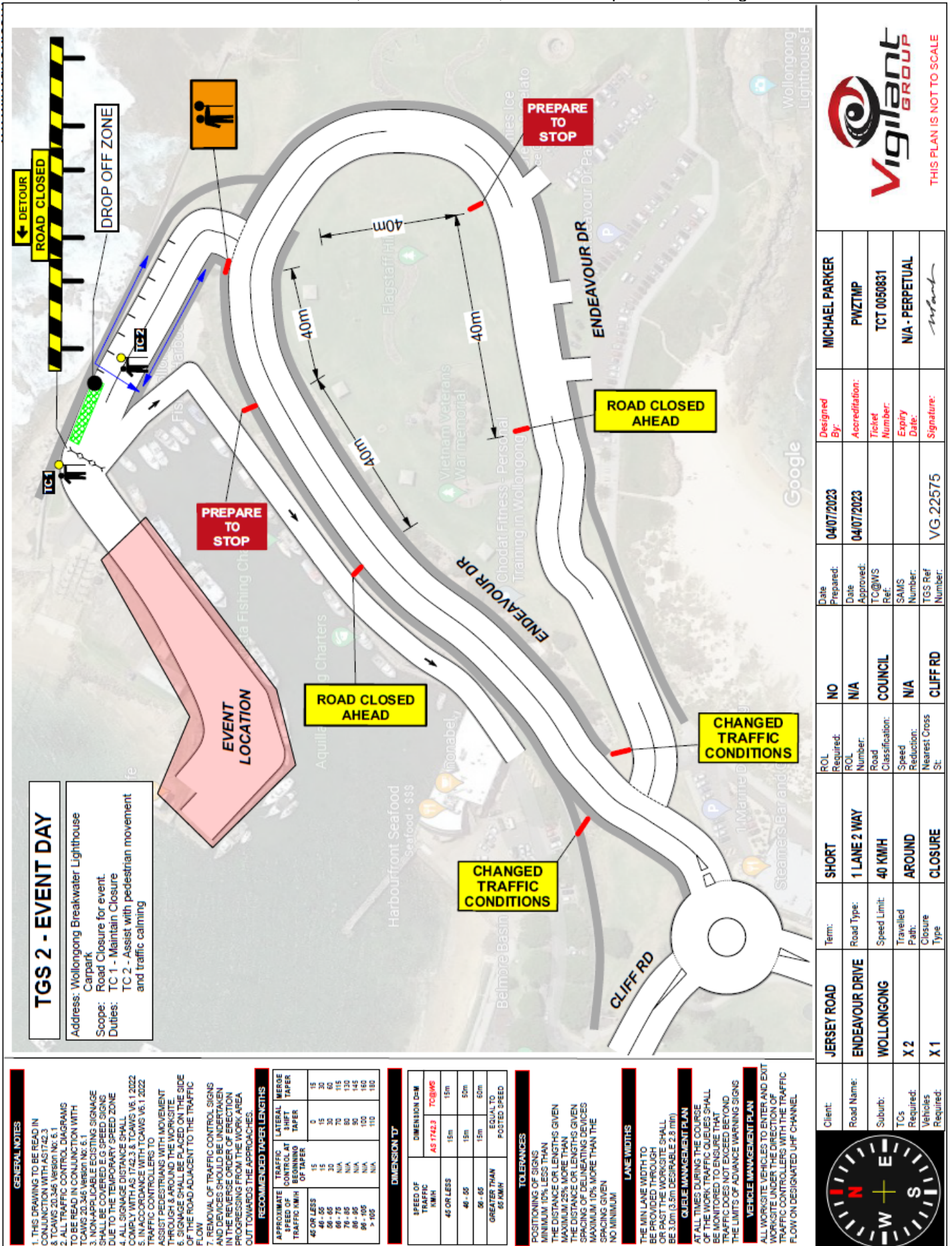
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Item 3.2 – EAST CORRIMAL, Augusta Street – Christmas Carols





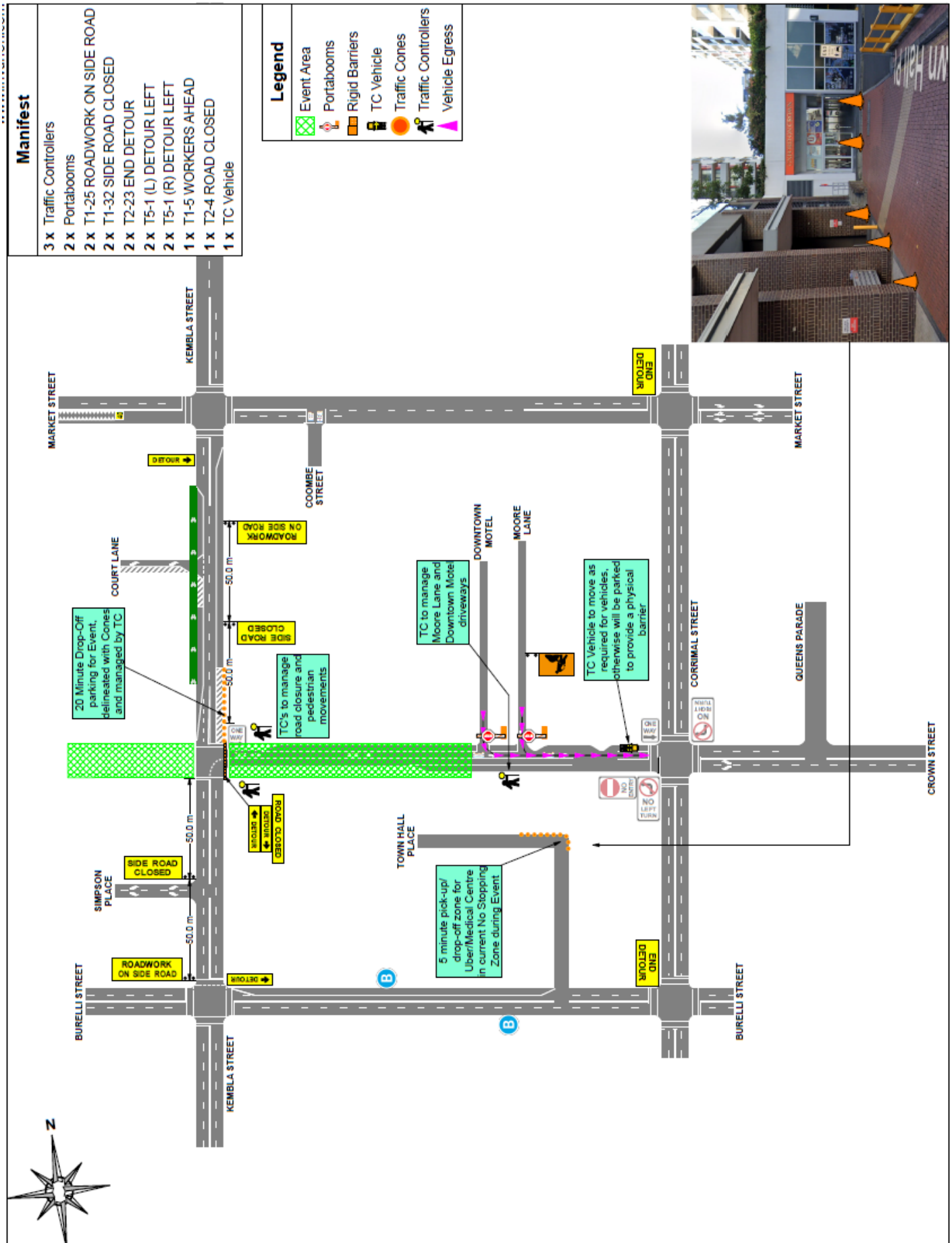




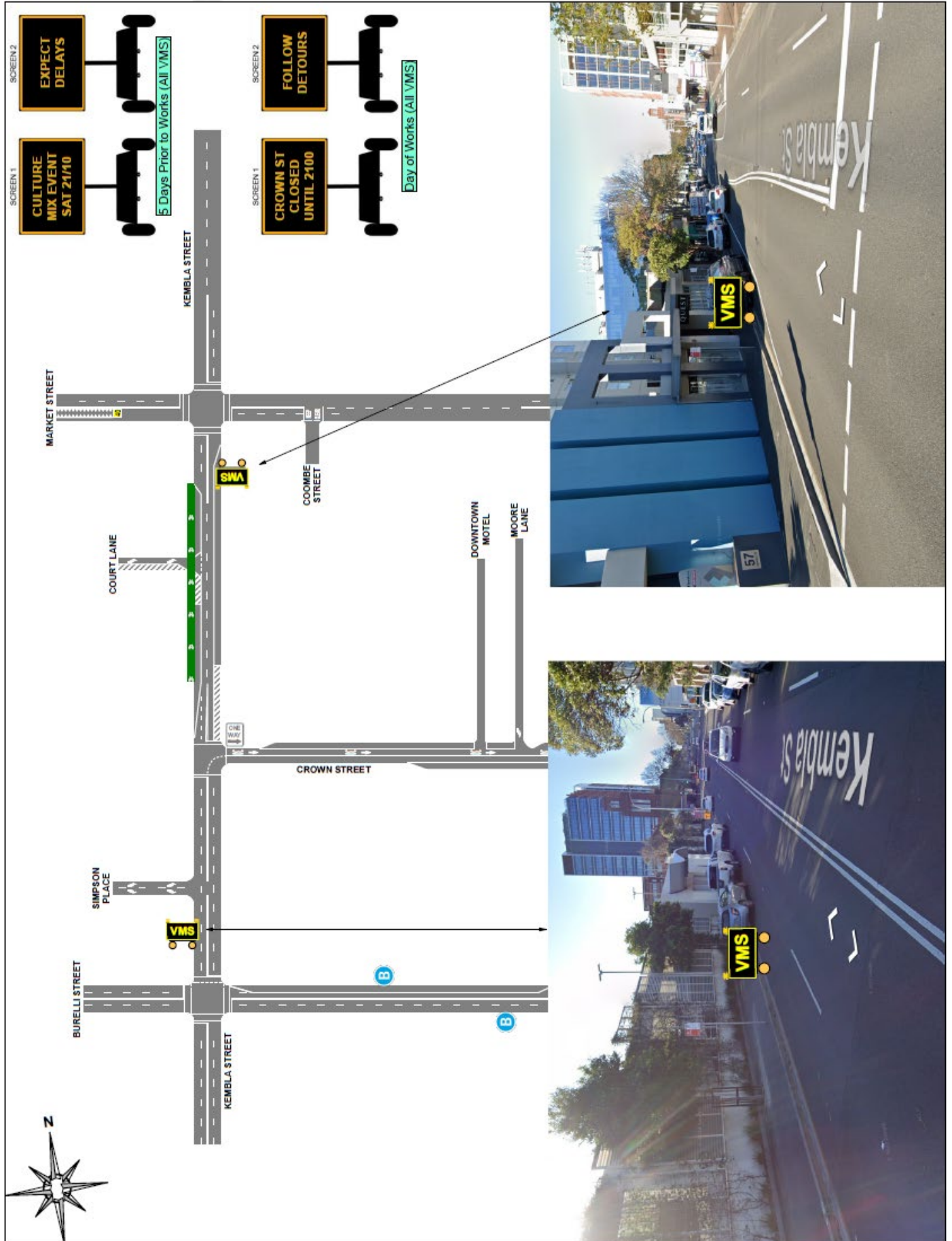
Client:	Michael Parker
Road Name:	PWTMP
Suburb:	TCT 0050831
TCs Required:	N/A - PERPETUAL
Vehicles Required:	infant
Date Prepared:	04/07/2023
Date Approved:	04/07/2023
TC@WS Ref:	VG 22575
SAMS Number:	
TGS Ref Number:	
Signature:	
ROL Required:	
ROL Number:	
Road Classification:	
Speed Reduction:	
Nearest Cross St:	
Term:	
Road Type:	
Speed Limit:	
Travelled Path:	
Closure Type:	
SHORT	
1 LANE 2 WAY	
40 KMH	
AROUND	
CLOSURE	
NO	
N/A	
COUNCIL	
N/A	
CLIFF RD	
Designed By:	
Accreditation:	
Ticket Number:	
Expiry Date:	
Signature:	



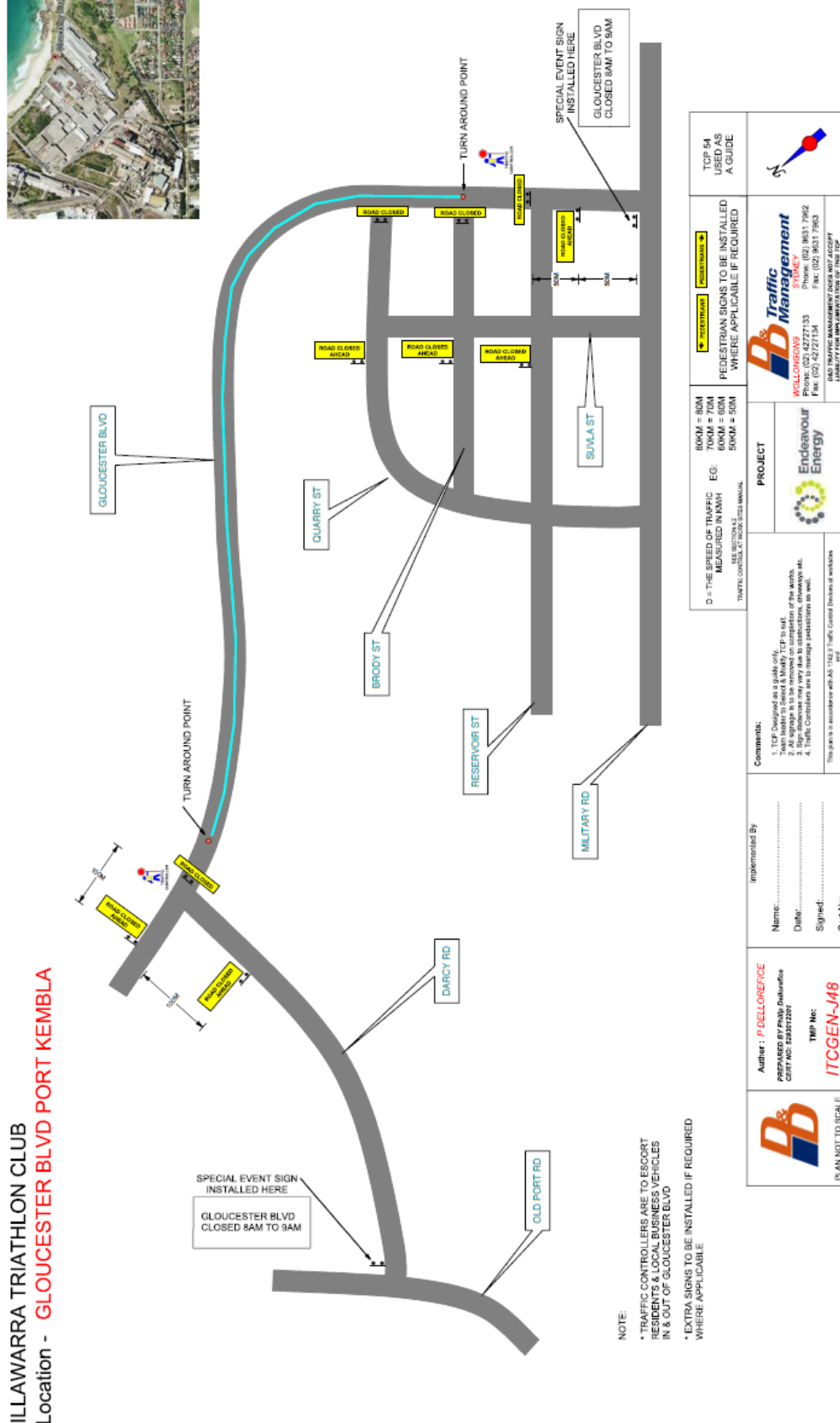
Item 3.4 – WOLLONGONG, Various Locations Wollongong CBD, Culture Mix, Page 1 of 2



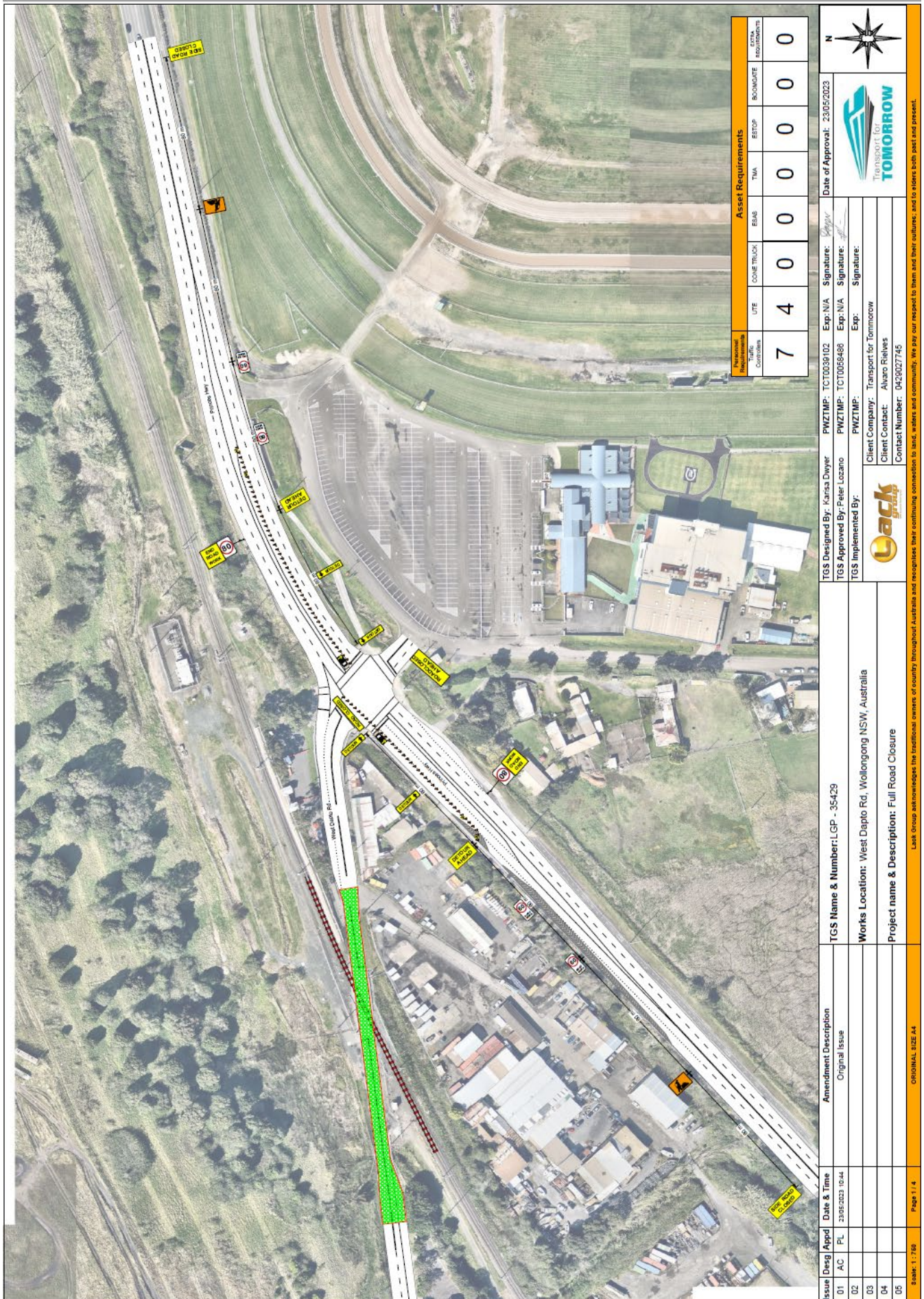
Item 3.4 – WOLLONGONG, Various Locations Wollongong CBD, Culture Mix, Page 2 of 2



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Item 3.6 – Kembla Grange, West Dapto Road, More Trains More Services Program (MTMS), Page 1 of 4

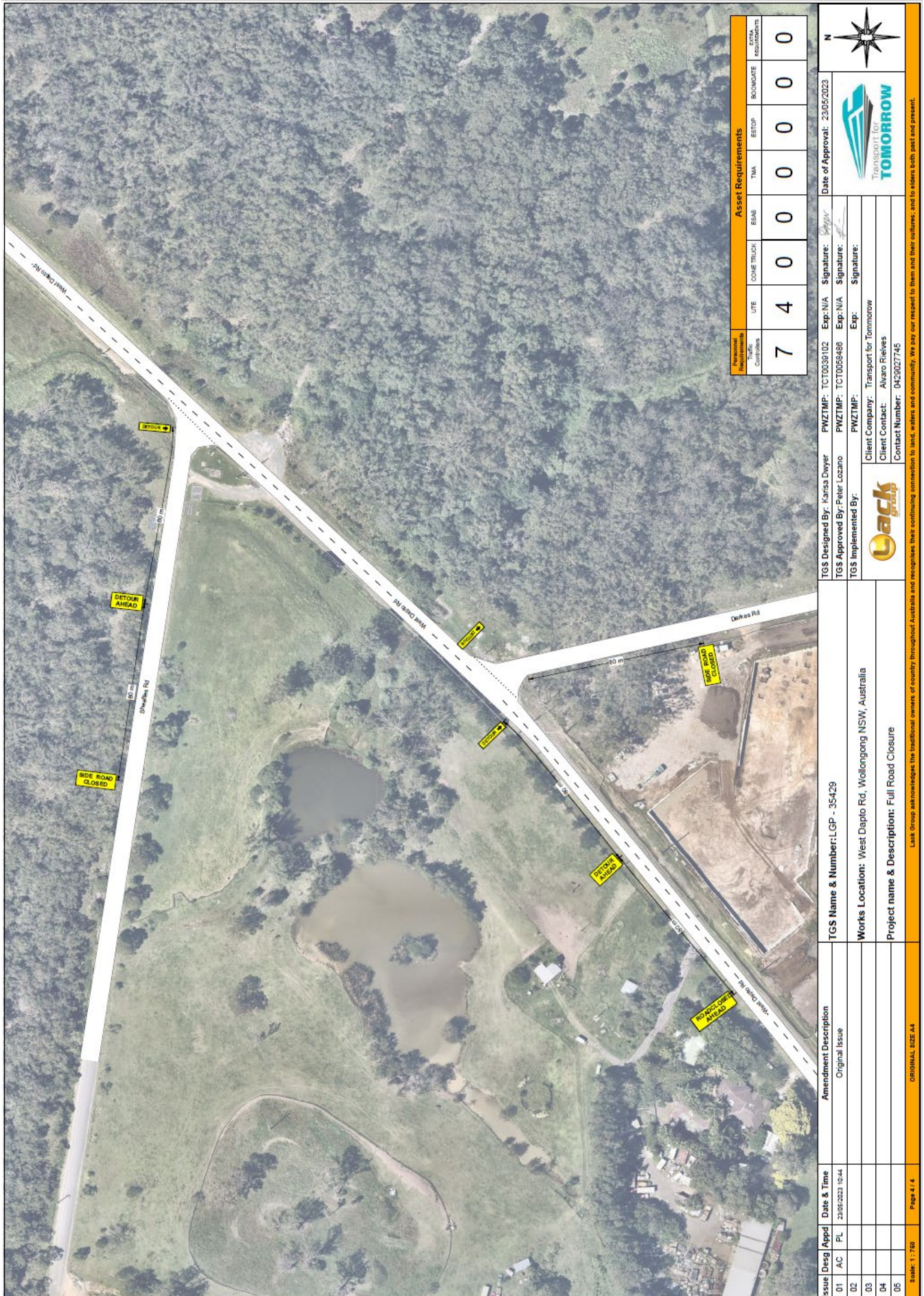


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Item 3.6 – Kembla Grange, West Dapto Road, More Trains More Services Program (MTMS), Page 3 of 4



Item 3.6 – Kembla Grange, West Dapto Road, More Trains More Services Program (MTMS), Page 4 of 4



4 DESIGN MATTERS

4.1 BULLI, Augusta Street between Pioneer Road and Linga Street – Ward 1 – Heathcote Electorate – Park Road and Railway Street – Raised Pedestrian Crossings, Parking Bays; and supporting lines and signs

BACKGROUND

Traffic, congestion, and queuing is increasing in Bulli. This is often due to parked vehicles along the Princes Highway between Station Street and Park Road, as well as turning vehicles at Memorial Drive, Station Street and Park Road.

To ensure the transport network continues to meet the needs of the growing population, Transport for NSW (TfNSW) has designed a proposal to help ease congestion and create more reliable journeys through Bulli while ensuring the look and feel of the township is maintained. TfNSW has proposed the below changes on the local road network to alleviate the impact of the Clearways and provide improved facilities for businesses, visitors and locals.

Local Road Changes (Park Road, Railway and Station Street)

1. New parking spots and changes to existing carparks

- a. Providing 90-degree angle parking on the eastern side of Railway Street. A new footpath would provide pedestrian access between the shops and carpark.
- b. Increasing the capacity of the Bulli Station carpark by removing the central verge area and replacing it with about 10 extra car spaces. Additional work would include changing carpark traffic travel to one way northbound and installing a concrete island at the car park entry.
- c. Additional 45-degree angle parking spaces on the northern side of Station Street. Two-way traffic will be maintained on Station Street.
- d. On-street parking be removed on the south side of Park Road.

The proposal would increase the car parking spaces by about 20, to a total of over 140 spaces on Station Street, Railway Street, Park Road, and the Princes Highway. This will offset the parking spaces lost during peak hour clearways. Existing taxi zone spaces and the two existing disabled spaces at the Station Street carpark would be retained.

2. Two Raised Pedestrian Crossings are proposed for Park Road and Railway Street, Bulli.

Two crossing facilities are being constructed to increase pedestrian amenity and safety surrounding the Bulli Train Station as well as slow traffic speeds. The facility will also include new footpaths, vegetation, parking bays and supporting signs and lines.

TfNSW has carried out sight distance checks to the crossing have been calculated and a summary showing CSD and ASD is in the attached sight distance assessment.

- A crossing distance of 10m has been used for calculations of the proposed raised wombat.
- The existing Park Road crossing point has CSD suitable for an operating speed of 16km/h westbound and 22km/h eastbound.
- The current design achieves a CSD for a speed zone of 25km/h and calculated to be 57m (confirmed with site inspection).
- The project proposal aligns with Safe System Principles as outlined in Austroads Integrating Safe System with Movement and Place for Vulnerable Roads Users research document (AP-R611-20)

3. Swept paths have been checked for all locations where there is a potential conflict point.

The swept paths have been checked:

- HW1 and Park Road – design vehicle is a bus (all movements work).
- Park Road and Railway Street – Design vehicle is a waste truck/service vehicle (all movements work).
- Railway/Station Street bend - Design vehicle is a waste truck/service vehicle (all movements work).

State Road/Local Road Changes (Princes Highway)

1. Extended hours on existing clearways - Princes Highway between Station Street and Park Road in Bulli
 2. Dedicated right turn arrow at Park Road traffic lights
 3. Princes Highway / Memorial Drive roundabout upgrade
 4. Additional right turn lanes at Grevillea Park Road and Point Street
- Prohibiting the right turn in and out of Station Street

CONSULTATION

Consultation has occurred prior to the Local Traffic Committee with the wider Community and can be viewed using the following links:

- Project Page

<https://www.transport.nsw.gov.au/projects/current-projects/bulli-traffic-improvement-proposal-bulli-and-thirroul-traffic>

- Feedback Summary Report 2021

<https://www.transport.nsw.gov.au/sites/default/files/media/documents/rww/projects/01documents/bulli-thirroul/bulli-thirroul-feedback-summary-report-12-2021.pdf>

- Community Consultation 2019

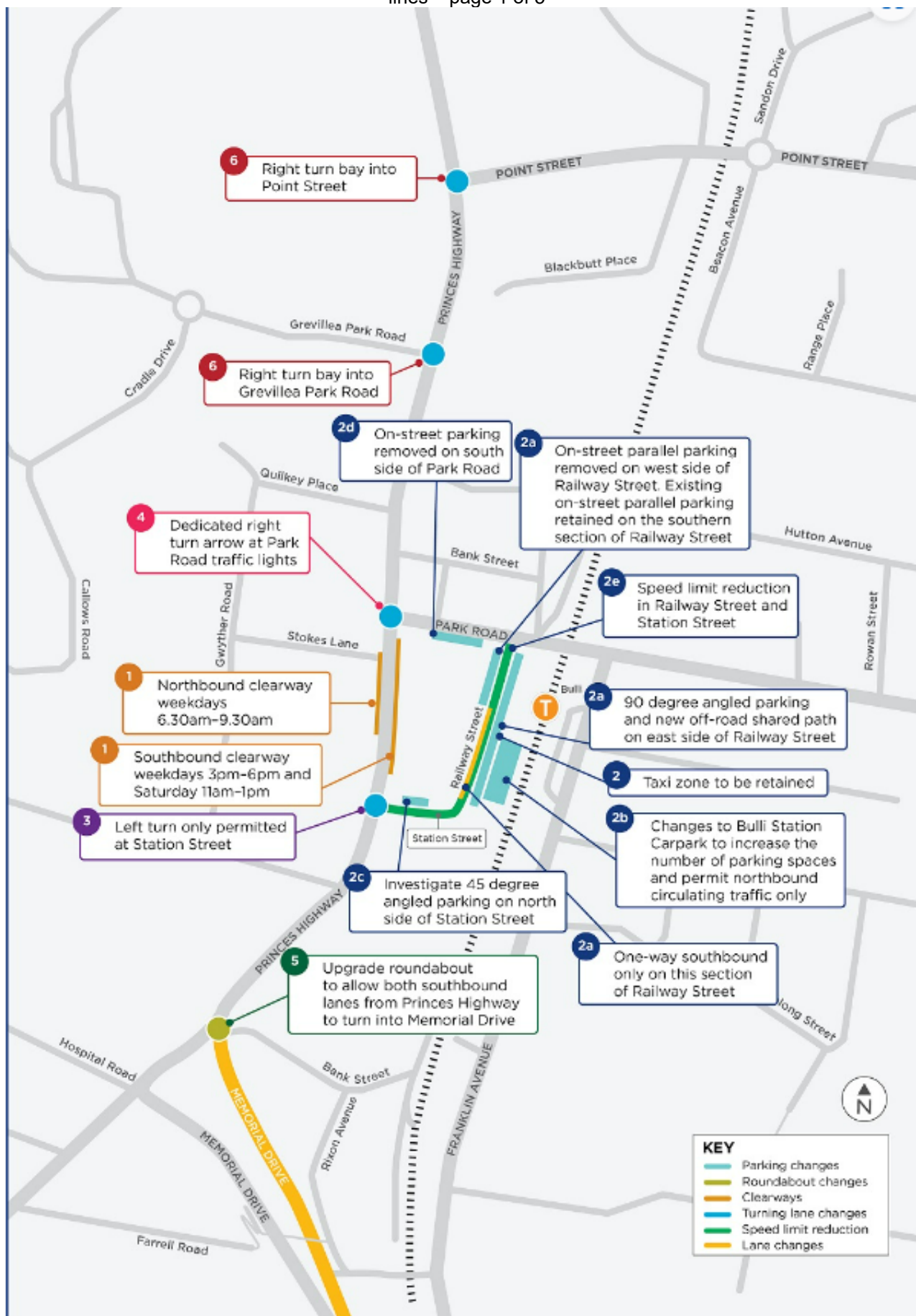
<https://www.transport.nsw.gov.au/sites/default/files/media/documents/rww/projects/01documents/bulli-thirroul/bulli-thirroul-consultation-summary-report-2020-06.pdf>

PROPOSAL

Council approves the traffic facilities shown on the plan DS2023/000005 that have a regulatory function (i.e. the signs, lines and pedestrian crossings) subject to the following:

1. Transport for NSW (TfNSW) reducing the speed limit in the area to a 30km/h prior to opening of the pedestrian crossing
2. In addition to the information in the proposal, TfNSW to provide formal justification of the omission of the 3.0 second pedestrian start up and end clearance time (CSD assessment) in the Design Report submitted to Council.
3. TfNSW install dividing barrier (BB) linemarking on the bend at Railway Street near Station Street. Line should extend to a minimum of 10m in each direction and finish to a point which reasonably (determined by TfNSW but concurred by Council) reduces the probability of a head on collision at the location.
4. Further discussions between TfNSW and Council Officers taking place to resolve other Council concerns (i.e. stormwater and asset concerns). Note: Should significant (to be determined by TfNSW Traffic Committee representative) changes to signs, lines or crossing locations occur following Council and TfNSW discussions, a new submission to the Traffic Committee may be required.
5. Pedestrian Advanced Warning signage (W6-2) is to be Fluorescent Yellow/Green in accordance with TfNSW sign register.

Item 4.1 – BULLI, Park Road and Railway Street– Raised Pedestrian Crossings, parking bays and supporting signs and lines – page 1 of 5



LEGEND

- CONSTRUCTION CALLOUT
- LINE MARKING CALLOUT
- PROPOSED LINE MARKING
- EXISTING SIGNAGE LOCATION
- PROPOSED SIGNAGE LOCATION
- LINE MARKING CALLOUT

SIGN SCHEDULE

SIGN NUMBER	SIGN NAME	QUANTITY
R2-400 (L-R)	NO STOPPING SIGN	2
R2-400 (L)	NO STOPPING SIGN	1
R2-400 (R)	NO STOPPING SIGN	3
R2-400	CLEARWAY	1
R2-205	ANGLED PARKING PLATE	2
R1-2	GIVEWAY	1
R2-1	PEDESTRIAN CROSSING AHEAD	4
W1-2	PEDESTRIAN CROSSING	3

NOT FOR CONSTRUCTION

PROJECT INFORMATION

CLIENT	PROJECT NAME	PROJECT LOCATION
Woolongong City Council	Pedestrian Crossings and Parking Modifications at Bulli	Roadside Furniture and Pavement Marking Plan

DESIGN OF ROAD

DESIGNER	DATE	SCALE
TRANSPORT FOR NSW	10/01/2023	1:100

APPROVAL

NAME	DATE
DESIGNED BY: R. MCGRATH	10/01/2023
CHECKED BY: A. JAMESON	10/01/2023
DESIGNED BY: R. MCGRATH	10/01/2023
CHECKED BY: G. KODAROSKI	10/01/2023
DESIGNED BY: G. KODAROSKI	10/01/2023
CHECKED BY: C. HARRIS	10/01/2023

PROJECT MANAGEMENT 2

NAME	DATE
DESIGNED BY: R. MCGRATH	10/01/2023
CHECKED BY: A. JAMESON	10/01/2023
DESIGNED BY: R. MCGRATH	10/01/2023
CHECKED BY: G. KODAROSKI	10/01/2023
DESIGNED BY: G. KODAROSKI	10/01/2023
CHECKED BY: C. HARRIS	10/01/2023

REVISIONS

NO.	DATE	DESCRIPTION
1	10/01/2023	ISSUED FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45

SCALE ON A3 SIZE SHEET



THIS DRAWING MAY BE PREPARED IN COLOR AND MAY BE INCOMPLETE IF COPIED

0	5	10	15	20	25	30	35	40	45	50
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SCALE ON A3 SIZE ORIGINAL



LEGEND

XXXX	CONSTRUCTION CALLOUT
XX	LINEWORKING CALLOUT
—	PROPOSED LINEWORKING
A	EXISTING SIGNAGE LOCATION
●	PROPOSED SIGNAGE LOCATION
①	LINEWORKING CALLOUT

SIGN SCHEDULE		
SIGN NUMBER	SIGN NAME	QUANTITY
RS-217	CLERKWAY REPEATER	5
RS-660	CLERKWAY	2
RS-1-1 (R)	TIMED PARKING	1
RS-1-1 (L)	TIMED PARKING	1
RS-1-1 (L-R)	TIMED PARKING	1

[illegible]

5 DEVELOPMENT MATTERS

5.1 CORDEAUX HEIGHTS, Staff Road – Ward 2 – Keira Electorate – Subdivision Signs and Lines

BACKGROUND

As a requirement of the development consent the developer is required to submit a signs and lines plans plan for Council approval. The road design and layout has been prepared and approved as part of the development application assessment. The plans are designed in accordance with AUSTRROADS Guide to Road Design, Council's Development Control Plan and Council's Subdivision Policy.

The subdivision is a 38 lot residential subdivision of land at Lot 1 DP534849, 132 Staff Road, Cordeaux Heights and associated works including roads, tree removal, earthworks, drainage, utilities infrastructure and landscaping.

The Development Consent was approved through a Court Order, and the site is highly constrained by steep slopes. Traffic Committee is to note that the Approach Sight Distance (ASD) from Callistemon Road approaching Staff Rd does not comply with minimum Austroads requirements. This road is at a grade of 18% for approximately 90m, which is the maximum allowed for steep roads in the Wollongong Council Subdivision Policy, and the minimum Vertical Curve complies. To meet the ASD requirements, significant filling would be required which would result in a steeper non-compliant road, and retaining walls within Council Road reserves, which is highly undesirable from an asset maintenance perspective.

As such, a Give Way ahead sign, and BB line marking has been proposed to notify motorists of the intersection ahead. It should also be noted that, due to the grades, it will likely be a low speed road with only local traffic from 5-6 dwellings.

Traffic Committee to also note that Safe Intersection Sight Distance (SISD) at Callistemon/Staff Rd does not comply with Austroads, however a speed bump has been proposed to the west to slow motorists and therefore create a compliant SISD. This is also compliant with Wollongong Council Subdivision Policy of traffic calming every 150m.

CONSULTATION

Consultation and notification to adjoining and affected residents of the development is undertaken during the development application process. Consultation with relevant stakeholders such as utility providers and TfNSW (where applicable) is also a requirement of the design process of the development application and the detailed design.

PROPOSAL

The attached plans no. C230 to C233 Revision 5, prepared by Maker Eng on 11/07/2023, is to be approved.

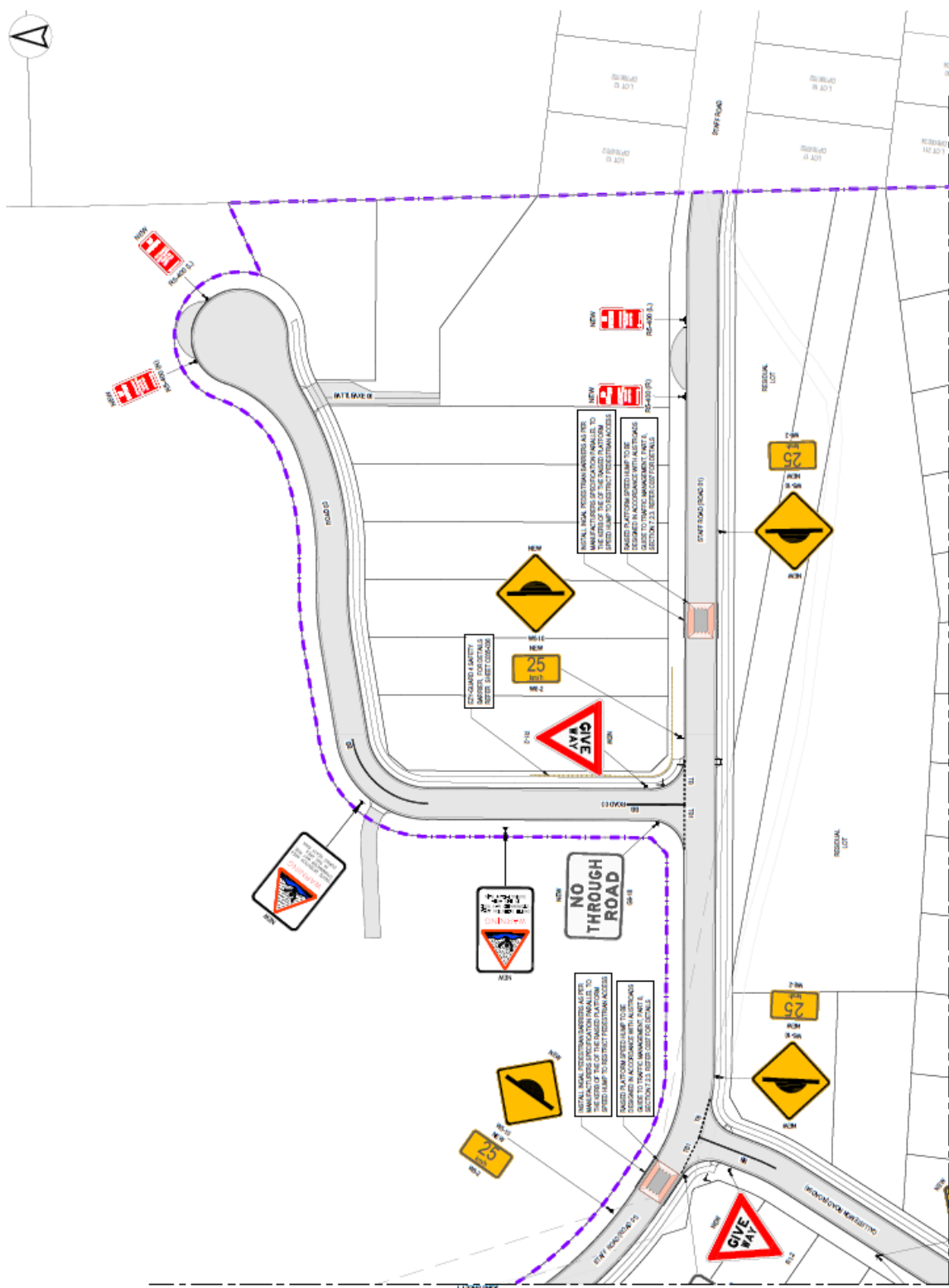
PROPOSED SUBDIVISION OF LOT 1 IN DFS34849 STAFF ROAD, CORDEAUX HEIGHTS SIGNAGE AND LINEMARKING LAYOUT PLAN	PROJECT No.	1 OF 4	SHEET 120	5
DRAWING NUMBER		ISC200366-20-C230		



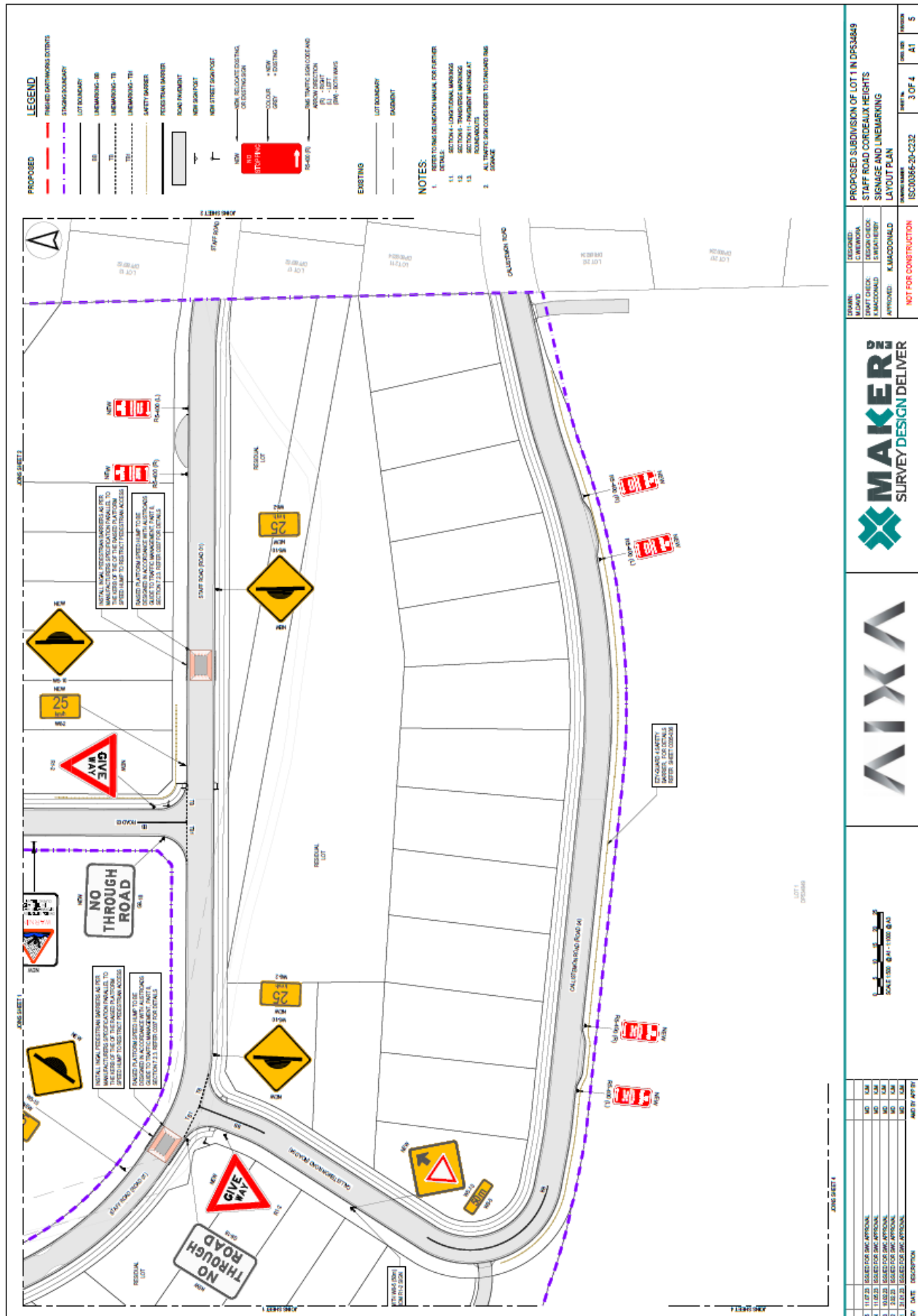
[illegible]

NOTES:

1. REFER TO RING DELINEATION MANUAL FOR FURTHER DETAILS:
 - 1.1. SECTION 4 - LONGITUDINAL MARKINGS
 - 1.2. SECTION 6 - TRANSVERSE MARKINGS
 - 1.3. SECTION 11 - PAVEMENT MARKINGS AT ROUNDABOUTS
2. ALL TRAFFIC SIGN CODES REFER TO STANDARD RING SIGNAGE

[illegible]

Item 5.1 – CORDEAUX HEIGHTS, Staff Road – Subdivision Signs and Lines – page 3 of 4



[illegible]

6 DOB IN A HOON (NSW POLICE REFERRALS)

STREET	SUBURB	CONCERN
Sorenson Drive	Figtree	Illegal and dangerous behaviours of bicycles on shared path.
Coachwood Drive	FARMBOROUGH HEIGHTS	illegal U-turns during school pick-up at Cedars Christian School (notably at Coachwood Drive, Cordeaux Heights)
Burke Road	DAPTO	Motorists on Burke Rd are coming over the hill, not slowing approaching McPaul Avenue when children are crossing at the refuge, walking to and from school.
Walang Avenue Koloona Avenue	Figtree	Monitoring and targeting of hoons who are speeding on the intersecting streets making it unsafe for residents and visitors to access
Shared path of Princes Highway between Sorensen Drive to the Slovenian Catholic Church	Figtree	Illegal and dangerous behaviours of bicycles on shared path.
Toorak Ave and Heaslip Street	Mangerton	Speed limit is 40kph. On a number of occasions this limit is completely ignored in both directions. Large numbers of school children, pedestrians, mothers with prams have to walk on this busy road as there are no footpaths. Problem exists all day including school hours.