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## Construction Traffic Management Plan

### Construction Works Traffic Management Plan

Location:  
19-23 The Corso, Manly

CTMP Code: 202211

### CONTROL SHEET – SUMMARY UPDATES

Instructions:

1. Insert new or revised sheets into the section of the CTMP and remove/destroy any superseded sheets.
2. Record revision, date, and brief description immediately after the CTMP is updated.

Revision	Date	Brief Description of Update
<b>0/1</b>	12/12/2022	<b>Initial Submission</b>

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## 1 INTRODUCTION

The contracted works for Iris Capital includes Demolition works of 19-23 The Corso, Manly.

The worksite is located on 19-23 The Corso, Manly NSW 2095.

The Construction Traffic Management Plan addresses the Conditions, Approval requirements for this project, as well as Demolition Works proposed by Kontro Group.

The objective of the Plan is to ensure that traffic issues and Construction movement, of both Plant and Equipment, are managed with minimal impact to motorists, Pedestrians, local residents and complies with the requirements of all relevant authorities including TfNSW, Northern Beaches Council, NSW Police, and the Emergency Services.

Through a consultative approach between Iris, Kontro Group and Northern Beaches Council, this plan details as to the best way to manage traffic issues associated with this Project.

### 1.1 Purpose

The purpose of the Construction Traffic Management Plan is to ensure that planned works adhere to and comply with the Contract requirements for; Control of movement of construction vehicles (Plant, Equipment) around the Project and adjacent transport corridors. Specifically, this Plan must recognise, be consistent with and comply with the traffic configuration of the local road network as it exists at varying stages, during the project.

In addition to the Contract requirements, this Plan must also comply with:

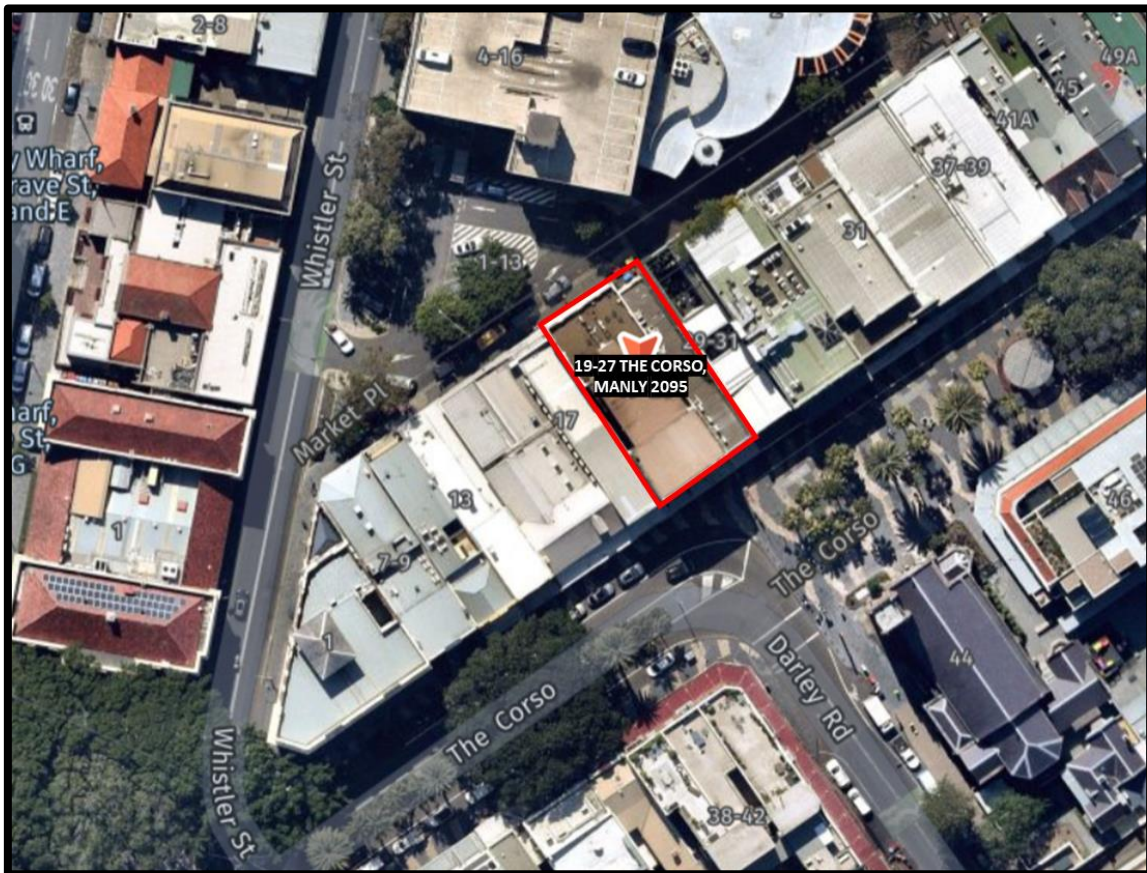
- The requirements of relevant authorities, including TfNSW, Northern Beaches Council, NSW Police and State Emergency Services;
- Certificates, licenses, consents, permits and approvals, including in respect of working hours; and

In accordance with the General Conditions of the Contract, this plan will provide:

- Detailed traffic management procedures for the work areas;
- Traffic Guidance Scheme detailing modifications to existing traffic patterns vehicular and pedestrian. (Attached)
- Safety of pedestrians, commuters, cyclists, and personnel of both Kontro Group and its subcontractors;
- Objectives for material delivery management & transportation to and from site;
- Roles and responsibilities of personnel and subcontractors;
- Updating of the Construction Traffic Management Plan as needed;

## 1.2 Project Details

The Demolition of a building/building elements located at 19-23 The Corso, Manly NSW 2095.



## 1.3 Scope of Works

The main element of the work in respect to traffic management is:

- Traffic Management while Construction Vehicles are entering and exiting the Construction site;
- Control of movement of vehicles carrying construction plant/equipment around Project and adjacent traffic corridors;
- Plan must recognise, be consistent with and comply with the traffic configuration of the local road network as it exists at varying stages, during the project.

## 1.4 Application

All delivery drivers and subcontractors of Kontro Group must comply with the requirements of this plan and issued direction in accordance to the plan by Kontro Group representatives

## 1.5 Abbreviations & Terminology

The following terms, abbreviations and definitions are used in this Plan:

Terms	Explanation
CTMP / Plan	Construction Traffic Management Plan
TGS	Traffic Guidance Scheme
PM	Project Manager
TfNSW	Transport for New South Wales
TMC	Transport Management Centre
NBC	Northern Beaches Council
KG	Kontro Group

## 2 DISTRIBUTION CONTROL & APPROVAL OF THIS PLAN

### 2.1 Approval & Changes

#### Approval of Plan

Record of Issue, Review and Approval of Plan will be via the Project Manager.

#### Issue of Plan

The KG Project Manager will ensure the approved plan is available to all relevant site personnel.

#### Master Copy

The most current version of the Plan is available upon request to Project Manager.

#### Changes to the CTMP

All minor changes to the CTMP will be conducted by KG. Where major changes impact on the general concept of the plan, these changes will require a further revision being issued in consultation with the PM.

#### Distribution Policy

Controlled copy of the CTMP is held by Kontro Group. All company employees have access to this plan through the Project Manager. The list of holders of controlled copies of the plan includes:

Copy No.	Issued to	Issue date	Issued By
01	Construction Manager	25/10/2022	KG
02	Project Manager	25/10/2022	KG
03	Site Manager	25/10/2022	KG

The personnel to whom these copies have been issued will be sent amendments as they occur, and it is their responsibility to discard superseded pages and insert new pages.



### Uncontrolled Copies

Uncontrolled documents will not be issued amendments.

### Acknowledgement of Receipt

If a controlled copy of the Construction Traffic Management Plan has been issued, acknowledgement of its receipt is to be sent to the Project Manager within seven days to ensure further amendments are received.

## 3 CONDITIONS OF APPROVAL

The checklist detailing the verification process to ensure Contract requirements have been met in this Construction Traffic Management Plan for the Conditions of Approval is detailed below.

CONDITION OF APPROVAL	WHERE ADDRESSED
The Construction Traffic Management Plan (CTMP) has been prepared in consultation with relevant Northern Beaches Council personnel. The CTMP must include information on the following matters relating to the Project:	
a) Including the staging of construction works to minimise traffic and pedestrian delays;	All sections
b) The impact on pedestrians including measures to ensure safety to pedestrians at all times;	Section 5.9
c) Average truck volumes;	Section 5.5
d) Truck ingress and egress routes;	Section 5.3
e) Access for construction vehicles entering and leaving Construction Site;	Section 5.3
f) No heavy vehicle queuing on public roads unless otherwise agreed by Northern Beaches Council and/or the TfNSW;	Section 5.1
g) Construction traffic generation;	Section 5.5
h) A response plan which sets out the proposed response to any traffic, construction, or other incident;	Section 6.3
i) Proposed traffic control measures within Traffic Guidance Scheme;	Appendix C
j) Measures to manage traffic flows around the area affected by the Project, including as required traffic control devices necessary for the implementation of the CTMP;	Section 5.1
k) All vehicles must be able to enter and/or exit the site in forward direction	Section 5.3
l) The swept path of the longest construction vehicle entering and exiting the site in association with the work, as well as manoeuvrability through the site, is in accordance with the latest version of AS 2890.2; and	Appendix D
m) The safety of vehicles and pedestrians accessing adjoining properties, where shared vehicle and pedestrian access occurs is addressed.	Section 5.4 Section 5.9 Appendix C
The performance of all project traffic arrangements must be monitored during construction. Any additional traffic and transport management measures as legally required by the TfNSW shall form part of the CTMP	



## 4 STAGING PLANS, PROPOSED SEQUENCE OF WORKS

The Construction Site listed below, itemise on site activity (in relation to proposed works) and relate to Traffic Guidance Scheme sequences.

### 4.1 Construction Site: 19-23 The Corso, Manly.

Date	Stage	TGS No:	Activity
March 2023	1	202471	Gate Management – Pedestrian Management. Traffic Stop

## 5 PROPOSED PROGRAMME

The approximate programme for implementation of the Construction Site is as follows:

Construction Site	Start Date	Finish Date
Construction Site	March 2023	September 2023

### 5.1 Managing Cumulative Impacts

The Construction vehicles are to be staged so that there is no queuing on The Corso, Darley Rd, Whistler St, Market Pl, Sydney Rd or any public roads. Any large amounts of deliveries will need to be organised in advance to reduce any cumulative congestion impacts attributed to traffic.

As outlined in Section 6.4 Review and monitoring of traffic conditions, the Site Manager is responsible for monitoring traffic conditions. In the event that construction traffic impacts do have a negative impact on the road network, Kontro Group to resolve issues which may arise with relevant stakeholders. (Per contact details in Section 6.3).

## 5.2 Construction Site location assessment and impacts

This section details the individual requirements for the Construction Site and is based largely on the findings of the KG Proposal.

The site is located on The Corso, Manly

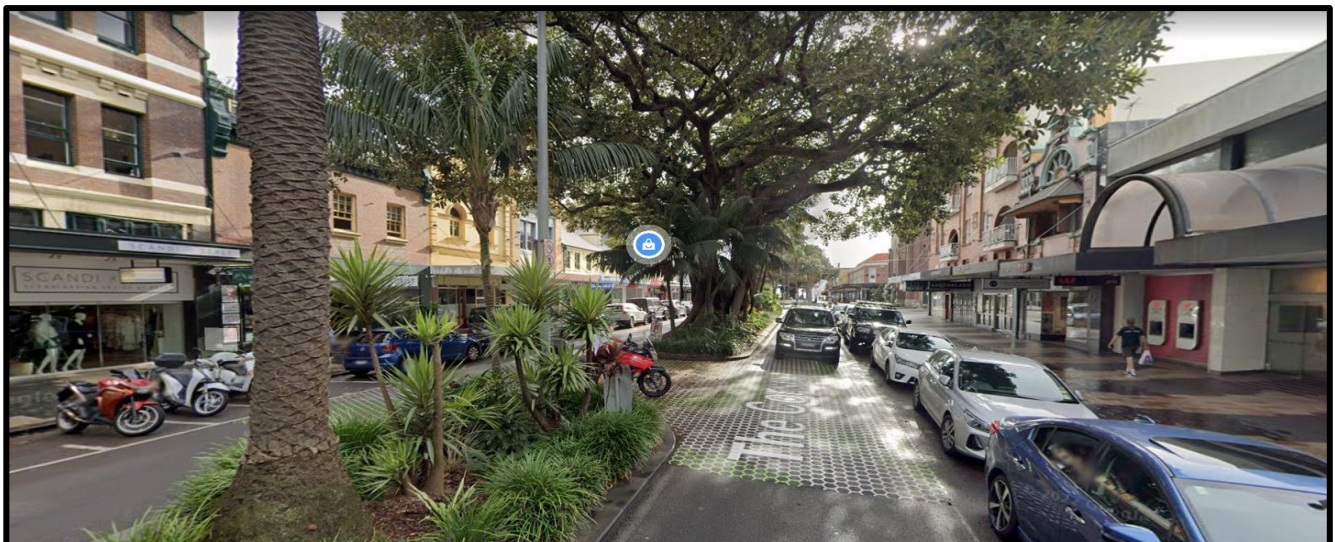
No major vehicle movement must be done before 8.00am. (Demolition and Excavation Works)

The proposed works will generate additional truck movements along Market Pl. All vehicles associated to the site will be organised in advance as mentioned in Section 5.1.

The subject site is surrounded by a network of local and state roads including The Corso, Darley Rd, Whistler St, Market Pl, Sydney Rd.

All vehicles associated to the site will be organised in advance as mentioned in Section 5.1.

The Corso	
F42Alignment	East - West
Number of Lanes	1 Lane in each direction
Carriageway Type	Divided
Carriageway Width	15 m
Speed Limit	30 km/hr
School Zone	No
Parking Controls	No Stopping, Timed parking
Forms Site Frontage	Yes



Darley Rd	
Alignment	North - South
Number of Lanes	1 lane in each direction
Carriageway Type	Divided
Carriageway Width	12 m
Speed Limit	30 km/hr
School Zone	Yes
Parking Controls	No Stopping, No Parking, Loading Zone, Timed Parking
Forms Site Frontage	No



Sydney Rd	
Alignment	East - West
Number of Lanes	2 lanes in each direction
Carriageway Type	Divided
Carriageway Width	12 m
Speed Limit	60 km/hr
School Zone	No
Parking Controls	No Stopping, No Parking, Bus Zone, Timed Parking
Forms Site Frontage	No

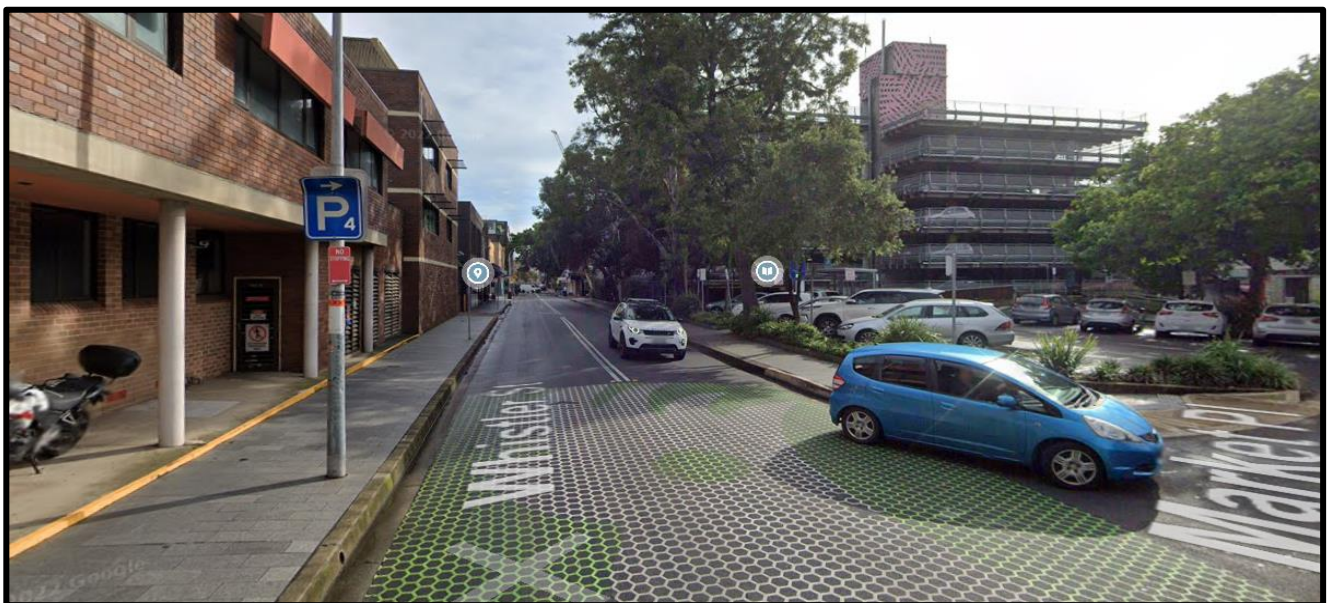




Market Pl	
Alignment	East - West
Number of Lanes	1 lane in one direction
Carriageway Type	Divided
Carriageway Width	6 m
Speed Limit	30 km/hr
School Zone	No
Parking Controls	No parking, No Stopping, Loading Zone, Timed Parking, Disability Parking
Forms Site Frontage	Yes



Whistler St	
Alignment	North - South
Number of Lanes	1 lane in each direction
Carriageway Type	Divided
Carriageway Width	8.5 m
Speed Limit	30 km/hr
School Zone	No
Parking Controls	No Stopping, No Parking
Forms Site Frontage	No



### 5.3 Construction Site – Ingress & Egress for Construction

Construction vehicles will only use the routes below as per Vehicle Movement Plan & TGS. *(Refer to Appendix B and C)*

All construction vehicles will enter the site via Market Place.

Construction vehicles shall radio/call the site office on approach to the site to ensure access to the work site is available. All loading and unloading shall be undertaken within the work site during the approved work hours. The queuing or marshalling of construction vehicles shall not be permitted on public roads. Construction vehicles are to egress out of the site when there is a suitable gap in traffic and will be assisted by Traffic controllers.

All exiting trucks will be loaded to their prescribed weight limits. All vehicles leaving the site must be free of mud or any other debris. The Site manager is responsible for all vehicles accessing and egressing the site. At points of vehicle egress the driver will ensure vehicles give way to pedestrians and cyclists before exiting.

Certified TfNSW accredited Traffic Controllers will be on site to manage vehicle and pedestrian movements.

#### **Construction Vehicle Routes**



To minimise the impact of construction traffic on local streets, dedicated construction routes will be implemented to provide the shortest distances to/from the arterial road network. *Refer to Appendix B.*

#### 5.4 Construction Worker Parking

Maximum 25 Workers will be required on site.

Construction worker parking will not be available on site during demolition works of 19-23 The Corso, Manly

Workers will be advised to park at Wilson Parking – Manly Wharf Car Park (3-minute walk from site).

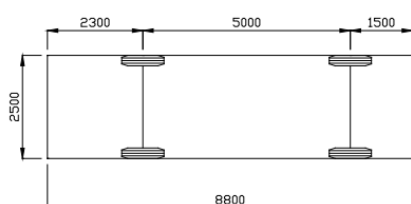
Workers will be encouraged to use public transport, to reduce impact on public. A Variety of Public Transport is located in close proximity to site

#### 5.5 Truck Volumes

Work Phase	General Vehicle Movement per day	Type of Vehicle	Typical Description
Demolition	10	<ul style="list-style-type: none"> <li>Small Delivery Trucks</li> <li>Medium Rigid Vehicles</li> </ul>	Delivery, and removal of debris and waste.

All vehicle movements will be during Normal Construction Hours. *(Refer to 6.6)*

#### Truck Dimensions



**Figure 3.2: Service vehicle (8.8 m)**

#### Service vehicle (8.8 m)

- 9 m radius, 5 km/h
- 12.5 m radius, 5 km/h
- 15 m radius, 5 to 15 km/h
- 20 m radius, 15 to 20 km/h
- 30 m radius, 20 to 30 km/h

*Diagram from Austroads Design Vehicles and Turning Path Templates Guide (Pg 6)*

#### 5.6 Vehicles associated to the site

No vehicle will make deliveries outside Northern Beaches Councils approved DA times as well as that all delivery vehicles will arrive at pre-arranged times to the site. All vehicles approaching the work site will adhere to the road rules and observe any signage in place. At all times access to bike lanes and footpaths will remain unobstructed and consultation with local residents will be ongoing.

## **5.7 Traffic Diversions**

There will be no need for traffic diversions for this Project.

## **5.8 Impact on Public Transport**

This work site will have very low to no impact on surrounding public transport. However, when required, Priority will be given to them by the traffic controllers. This will be the same for pedestrians and cyclists.

## **5.9 Pedestrians / Road Closures**

This job site will not require any road to be closed. Traffic Controllers to manage all pedestrians in close proximity to site and ensure their safety at all times. Access will be managed my Traffic Controllers.

## **5.10 Traffic Control Requirements**

Site access and egress will require Traffic Control in accordance with the Roads and Maritime Services Guideline *Traffic Control at Work Sites*, and *Australian Standard 1742.3 Manual of Uniform Traffic Control Devices, Part 3: Traffic Control Devices for Works on Roads*.

The main access and egress for this Construction Site is via local, regional and state roads. Safe and simple traffic control for all road users shall be provided at all site access points in accordance with standard requirements. (Refer to 5.2 and 5.3)

## **5.11 Water Management and Truck Cleaning Method**

Trucks will be loaded on hard stands and wheels will be cleaned if required by washing in a designated wheel wash area. Water will be contained within the bunded area. A car wash area/bay is to be provided and be graded and drained to a waste disposal system in accordance with the requirements of Sydney Water.

Kontro Group will ensure the following is done to prevent any material going onto council roadways:

- Barricades and fencing will be installed around the site to prevent anything from going onto council roadway
- Sandbags will be placed around site to ensure that no runoffs leave site and onto council roadways
- No materials, equipment or machinery will be stored on council roadways, all will be placed within site boundary.
- Roadways around site will be maintained and kept clean

Water will be managed using the correct management techniques to minimise the water usage levels and only use the amounts required for the project. The use of integrated systems which minimise the use of water will be used. These include but are not limited to Dust Cannons etc.

Immediately Surrounding roadway (Including Footpath) must be kept in a serviceable condition for the duration of construction. At the direction of council, remedial treatments must be taken immediately to surrounding roadway, such as patching at no cost to council.



### 5.12 Work zone

A Work zone will be applied for council consideration and approval. The Work Zone will be located at the frontage of the site. Majority of loading and unloading of material, equipment and waste will be done within the site boundaries.

### 5.13 Location of any cranes, concrete pump or truck standing areas off the site

No crane or concrete pumps outside the work site are needed for this project. However, if circumstances are to change, consideration and approval from Northern Beaches Council will be sought after.

Temporary truck standing/queuing locations in a public roadway/domain in the vicinity of the site are not permitted unless approved by council prior.

### 5.14 Unloading and Loading point within the site

Unloading and loading point for all construction material can be shown in yellow in the images below.



## 6 OTHER CTMP REQUIREMENTS

### 6.1 Provision for other users

This CTMP must consider all users affected by the Demolition work by Kontro Group. These users include, but are not limited, to cyclists and emergency vehicles. The requirements are detailed below:

- Cyclists' safety will be maintained at all times when vehicles are entering or exiting the site. At all locations, the provision for cyclists should be assessed as per the TfNSW's Traffic Control at Worksites Guidelines.
- Emergency vehicles shall be given clear access when required.

### 6.2 Emergency Vehicles

No special provisions for emergency service vehicles are required as part of the proposed construction works. Emergency vehicle access will be maintained at all times

### 6.3 Emergency Response Procedures

In the event of any incident / emergency on site, or one that is contained within the road traffic management areas, the Site Manager will make direct contact with the relevant emergency service as required.

The following are the primary contact for the project works with consideration of traffic management and monitoring on the project:

Organisation	Contact	Position	Contact Number
<b>Kontro Group</b>	David Chum	Construction Manager	<b>0406 614 616</b>
<b>Kontro Group</b>	Dennis Generoso	Project Manager	<b>0404 113 775</b>
<b>Kontro Group</b>	Sam On E	Site Supervisor	<b>0416 811 233</b>
<b>Kontro Group</b>	Marissa Arraiza	Operations Manager	<b>0457 769 290</b>
<b>TfNSW</b>	TMC Transport Management Centre	TfNSW	<b>131 700</b>
<b>Northern Beaches Council</b>	Customer Service	Customer Service Centres	<b>1300 434 434</b>

#### **6.4 Review and Monitoring of Traffic Conditions**

Traffic issues including the monitoring of the operations of traffic flow and the effective operation of intersections will be monitored by the Site Manager. The Site Manager is responsible for the coordination of the activities of work crews on site during the operations across the access and egress of the Construction Site.

Reports of any traffic conditions which may be of concern will be reported back to the representatives from council or TfNSW as applicable (i.e. dependent on which roads/intersections issues arise on). An experienced traffic and transport management consultant will be available to review and advise on the implementation of any traffic management issues and amendments as required.

#### **6.5 Vehicles associated with Construction**

Traffic associated with the construction will include workers' transport, trucks, and plant and equipment.

All Drivers will be issued the approved truck route plan and must adhere to the routes stipulated and also must obey all road rules. All construction related vehicles must take extra care when entering and exiting the site.

The works will require the following vehicles, plant, and equipment:

- Combination of small, medium, and heavy rigid vehicles.

#### **6.6 Normal Construction Hours**

Worksite hours will specifically be in accordance with the Conditions of Approval, unless authorised by council:

- Building construction and delivery of material hours are restricted to:
  - 7:00am to 5:00pm inclusive Monday to Friday,
  - 8:00am to 1:00pm inclusive Saturday,
  - No work on Sundays and Public Holidays
- Demolition and excavation works are restricted to:
  - 8:00am to 5:00pm Monday to Friday only

Excavation work includes the use of any excavation machinery and the use of jackhammers, rock breakers, excavators, loaders and the like, regardless of whether the activities disturb or alter the natural state of the existing ground stratum or are breaking up/removing materials from the site

## **6.7 TfNSW: Road Occupancy Licence (ROL)**

An ROL is required if the proposed activity:

- Is on a State Road
- Is on a Regional Road
- Is on an Arterial Road
- Is on a Local Road that may impact traffic flow on a State or Regional Road
- Occurs within 100m of a traffic facility.

If any ROLs are required at least 12 working days (Mon-Fri) notice must be given.

## **6.8 General Notes/Conditions**

1. Removed or damaged parking signs will be replaced immediately
2. Damaged trees will be repaired/replaced to the satisfaction of Council
3. Traffic and pedestrian control shall be in accordance with the TfNSW Traffic Control at Work Sites Technical Manual and Australian Standard AS1742.3 – Manual of uniform traffic control devices – Part 3 Traffic Control for works on roads
4. Reserving of on-street parking shall not occur without prior Council approval. All on street parking spaces outside the site are to remain available for the use by the general public during the approved work hours unless Council signage is installed to the contrary.
5. Barricades, delineators (including bollards, witches' hats, barrier boards etc.) shall not be placed in the kerbside parking lane outside or adjacent to the site to reserve on street parking spaces without the prior approval of Council.
6. A separate application to and approval from Council is required for occupation of any road related area (traffic and parking lanes, verge, footpath etc.) even if it is included in the approved CTMP. Fees may apply.
7. Due to heavy traffic congestion throughout the town centre, truck movements may be restricted during the major commuter peak times being 8:00am – 9:30am and 4:30 pm – 6:00pm. Truck movements must be agreed with Councils Traffic Engineer.

## **7 COMMUNITY RELATIONS MANAGEMENT**

### **7.1 Stakeholders/Community impacted**

KG will liaise with other applicants on a continual basis concerning development applications and other stakeholders (such as surrounding shops, shopping centres, local residents, etc) to ensure there is no overlap in the use of the loading/work zones.

The target audience identified can be generally categorised into the following key groups:

- Northern Beaches Council; TfNSW;
- Emergency Services;
- Public transport users;
- Motorists;
- Property owners and residents.

Adjoining property owners will be kept advised of the timeframes for completion of each phase of development/construction process. A minimum Seven (7) days notification must be provided to adjoining property owners prior to the implementation of any temporary traffic control measure.

### **7.2 Stakeholder Notification**

In the event that any disruptions to roadways / footpath occur as a result of construction/demolition works, the procedure outlined below is to be followed:

- If any future disruptions to roadways / footpaths are required, Council / TfNSW is to be notified first and depending on the extent of the disruption, KG is to notify affected property occupiers using letter drops and Variable Message Sign (VMS)
- If any unforeseen disruptions to roadways / footpaths occur, Council / TfNSW is to be notified first and depending on the extent of the disruption, KG is to notify affected property occupiers via traffic controllers and Variable Message Sign (VMS)
- In the event that heavy vehicle damage to Council / TfNSW assets / infrastructure, contractors will notify Northern Beaches Council's Traffic & Transport team and / or Assets Branch.

### **7.3 Developments in Surrounding Areas**

Thorough investigation was made to ensure that no other major development works will have an impact on the surrounding areas. A reasonable attempt was made to engage and consult with other developers undertaking major development within a 250m radius of the subject site to ensure that appropriate measures are in place to prevent the combined impact of construction activities on surrounding roads. This will be monitored regularly to ensure that such disruptions do not occur throughout the duration of the project.



#### 7.4 Protection for Council and Adjoining Properties

Council assets and adjoining properties to subject site will be protected through the use of Hoarding and Scaffolding. Prior to the installation of Hoarding or Scaffolding, approval must be sought out by council. A Hoarding Permit Application must be lodged to seek approval to erect a hoarding on the road reserve, as required by the Local Government Act 1993 and s138 of the Roads Act 1993. The appropriate application must be lodged and fees to be paid, prior to approval being given.

Council may require the relevant documents and supporting information demonstrating compliance with Council's Hoarding Guidelines to be submitted with the application as prescribed on the Hoarding Permit Application form.





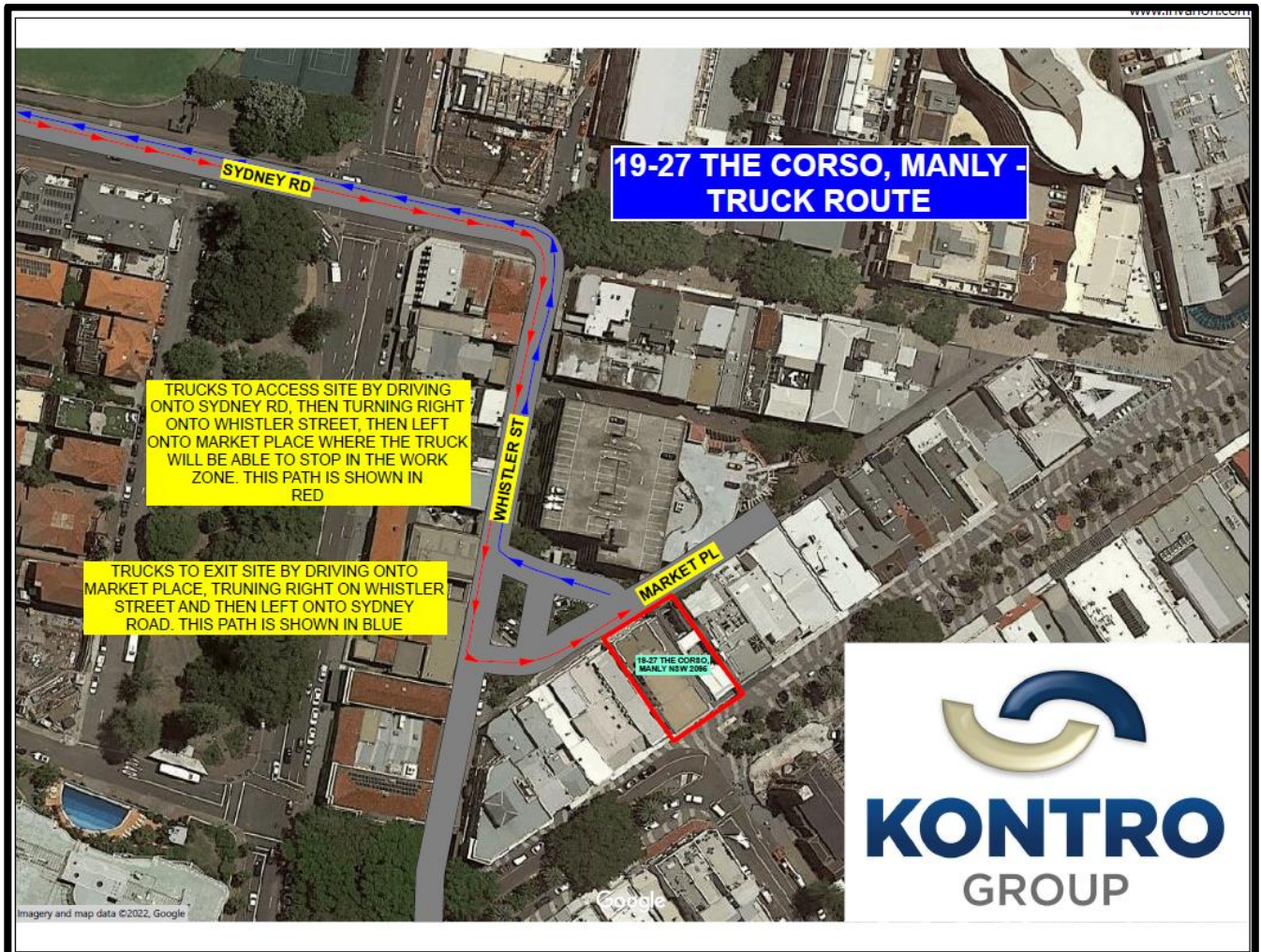
## 8 APPENDIX A: SITE LOCATION





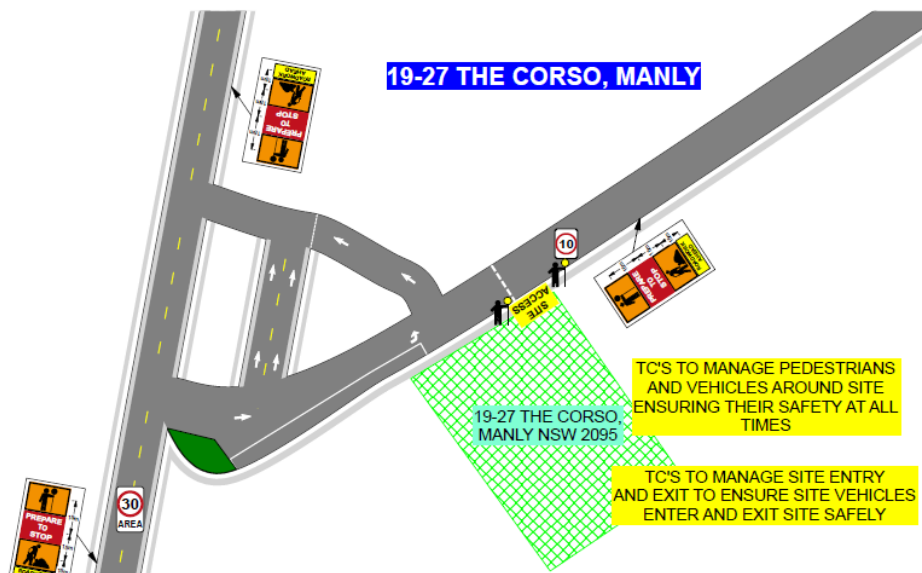
## 9 APPENDIX B: VEHICLE MOVEMENT PLAN (TRUCK ROUTES)

### Site Entry/Exit Truck Route



## 10 APPENDIX C: TRAFFIC GUIDANCE SCHEME (TRAFFIC CONTROL PLAN)

### Traffic Control Plan



**19-27 THE CORSO, MANLY**

**TC'S TO MANAGE PEDESTRIANS AND VEHICLES AROUND SITE ENSURING THEIR SAFETY AT ALL TIMES**

**TC'S TO MANAGE SITE ENTRY AND EXIT TO ENSURE SITE VEHICLES ENTER AND EXIT SITE SAFELY**

**19-27 THE CORSO, MANLY NSW 2095**

**Notes**

- 1) Traffic Controllers to manage traffic and pedestrians safely around work area
- 2) Traffic Controller to control only one lane of traffic at any time
- 3) Queue lengths to be monitored closely during peak periods to ensure the advance warning signs are visible well before the end of the queue
- 4) Traffic Controllers to ensure they have an escape route at all times and wear appropriate PPE
- 5) Minimum width of lane of 3m to be maintained at all times
- 6) Cones spacing to comply with TCAWs table 5.1, taper lengths to comply with TCAWs table 5.2
- 7) Minimum width of 1.2m shall be maintained at all times for pedestrians to pass unhindered
- 8) Pedestrians shall not be directed onto roadway unless traffic controllers are used to control site and proper measures are put in place to conform with AS 1742.3

**Legend**

PEDESTRIAN PATH (ONE WAY)

PEDESTRIAN BARRIERS TO BE INSTALLED WHERE APPLICABLE IF REQUIRED

FOOTPATH CLOSED

USE OTHER FOOTPATH

Use "Footpath Closed" or "Use Other Footpath" signage where applicable, as required in conjunction with pedestrians.

**North Arrow**

**Date**  
30/11/2022  
UBD REF

**Plan Drawn By:**  
Marissa Arraiza  
\* This plan remains the property of Kontro Group  
\* This plan is not to scale  
\* This TCP complies with Aust Standard 1742.3 and RTA TCWSM Version 6.

**Prepare a Work Zone Traffic Management Plan**  
TC0046191

**Date of Issue**  
17/03/2017

**Traffic Cones**

Spacing (60-80km/h)	12m
Spacing (Over 80km/h)	15m
Merge Taper (60-80km/h)	9m
Lateral Shift (60-80km/h)	12m

**Taper Length**

Merge Taper	20m
Lateral Shift Taper	10m
Attended STOP/SLOW	30m

**Signs**

Size	"A", "B" or "C"
Spacing	0m
Advance Warning/ Area to Transition Area	20m

Use class 2 reflective signs for day work & class 1 reflective signs for night work

Speed of Traffic km/h	TC at beginning of taper	Lateral Shift Taper	Merge Taper
45	15	0	15
46-55	15	15	30
56-65	30	30	60
66-75	N/A	70	115
76-85	N/A	60	130
86-105	N/A	90	145
Greater	N/A	100	160
105	N/A	110	180

**Client Name:** KONTRO GROUP

**Location of Work:** 19-27 THE CORSO, MANLY NSW 2095

**On Site Contact Name:** DENNIS

**On Site Contact No.:** 0404 113 775

**Plan No.:** 202471

**Type of Closure:** TRAFFIC / GATE / PEDESTRIAN MANGEMENT

**Traffic Control Plan Modification (On Site)**

**Modified By:**

**Name:**

**Signature:**

**Cert No.:**

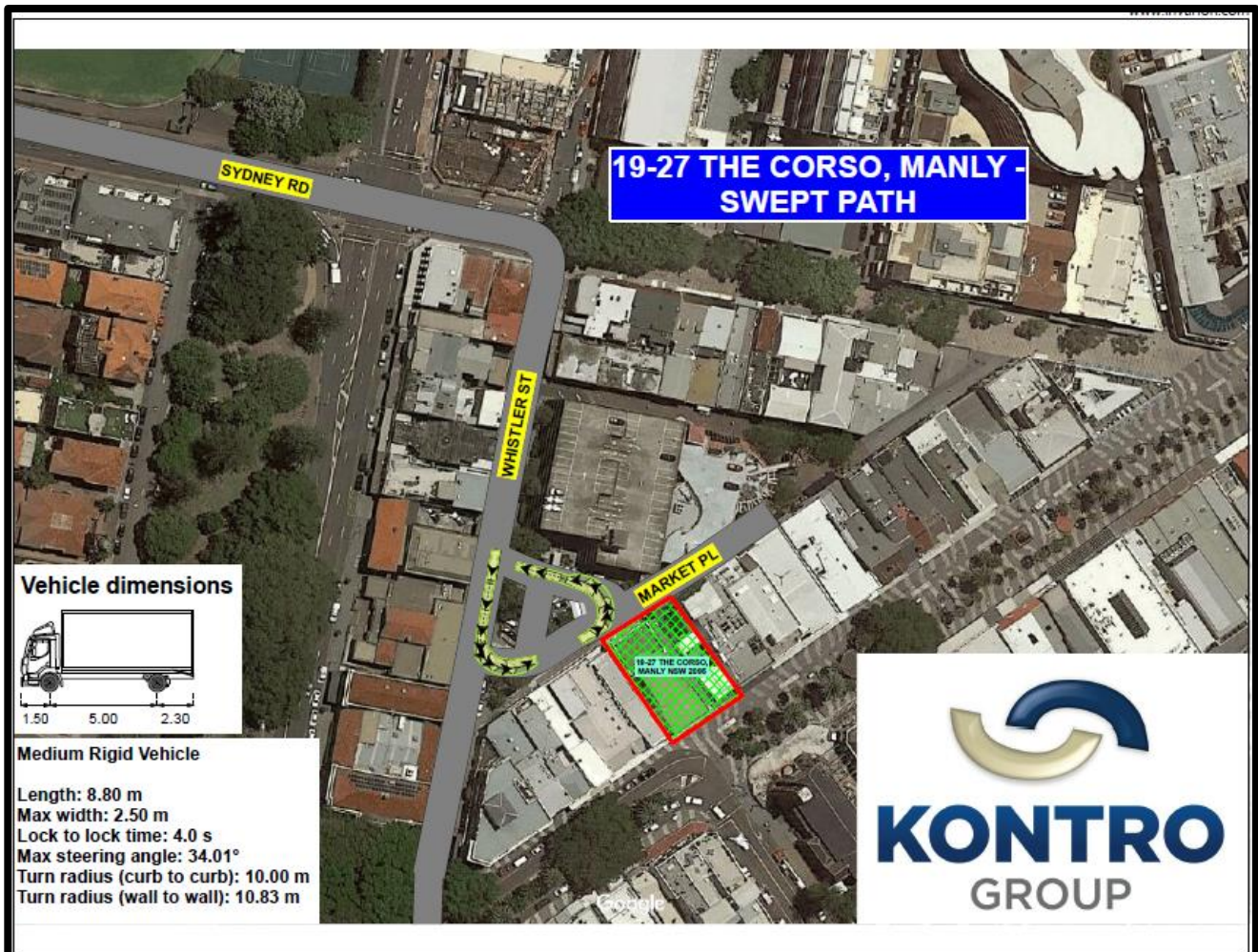
**Amendments Required? Y/N**

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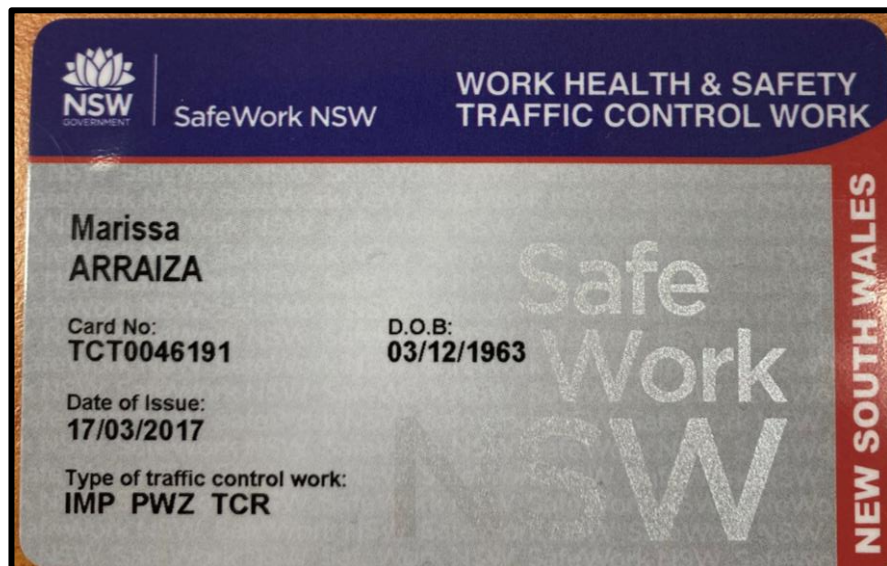
## 11 APPENDIX D: TRUCK SWEEP PATHS

### 11.1 Medium Rigid Vehicle



## 12 DESIGNER

This CTMP is based on the information that was obtained from numerous sources.  
This plan is presented by Marissa Arraiza on behalf of Kontro Group.



Signed: \_\_\_\_\_



**Marissa Arraiza**

**Operations Manager  
Kontro Group Pty Ltd**