

WOLLONGONG CITY COUNCIL
INFRASTRUCTURE STRATEGY & PLANNING DIVISION
TRAFFIC, TRANSPORT AND
ROAD SAFETY SECTION

MINUTES

CITY OF WOLLONGONG TRAFFIC COMMITTEE

WEDNESDAY, 19 FEBRUARY 2014

RECOMMENDATION

In accordance with the powers delegated to Council by the Road Transport Act 2013 and the Roads Act 1993, as outlined in the RMS document “A guide to the Delegation to Councils for the Regulation of Traffic - including the operation of Traffic Committees”:

- 1 The remaining Recommendations of the City of Wollongong Traffic Committee (excluding all Temporary Road Closures which require adoption by full Council), be adopted.
 - 2 Appropriate persons and Departments be advised of Council's decisions.
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MINUTES REVIEWED BY		
Author's Name	Author's Title	Date
Ted Collins	Traffic Unit Manager	26 February 2014
Mike Dowd	Manager Infrastructure Strategy & Planning	3 March 2014
Mike Hyde	Director Infrastructure and Works – Connectivity, Assets and Liveable City	3 March 2014

MINUTES ENDORSED BY		
Name	Title	Date
David Farmer	General Manager	4 March 2014

WOLLONGONG CITY COUNCIL
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MINUTES

CITY OF WOLLONGONG TRAFFIC COMMITTEE
WEDNESDAY, 19 FEBRUARY 2014

The City of Wollongong Traffic Committee is not a Committee of Wollongong City Council but a Technical Committee of the Roads & Maritime Services. The Committee operates under the authority conferred to Council by the RMS under the Transport Administration Act 1988.

Council has been delegated certain powers, from the RMS, with regard to traffic matters upon its local roads. A condition of this delegation is that Council must take into account the Traffic Committee recommendations.

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, the Roads & Maritime Services, the Local State Member of Parliament (for the location of the issue to be voted upon), and a representative of Wollongong City Council.
- If the RMS or NSW Police Force disagree with any Traffic Committee recommendation, or Council's resolution on 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 Council's resolution. 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.

IMPORTANT NOTE:

The Council can only recommend that:

- 1 The Traffic Committee recommendation be adopted.
- 2 The Traffic Committee recommendation not be adopted.
- 3 The Traffic Committee reconsider this issue.

<p>CWTC Meeting Level 10 Committee Rooms 2 & 3 Commencing 9.15 am</p>
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**CITY OF WOLLONGONG TRAFFIC COMMITTEE
MINUTES
FORMAL ITEMS
(UNDER RMS DELEGATED AUTHORITY)**

GENERAL BUSINESS

1	VARIOUS	Various	Causeway signage
2	BULLI	Farrell Rd	Redundant bus stop
3	FAIRY MEADOW	Storey St and Elliotts Rd	Stop Sign
4	MOUNT PLEASANT	Alvan Pde	Bus Zone
5	WEST WOLLONGONG	6 Greenacre Rd	Pre-School – request 15min drop off
6	UNANDERRA	Tannery Street	Adjustments to Council car park parking restrictions
7	KANAHOOKA	Wall Lane	Relocate No Stopping restriction
8		Edgeworth Ave	Linemarking request
REGULATION OF TRAFFIC			
9	WOLLONGONG	Marine Dr	Splash n Dash Festival 30 March 2014
10		George Hanley Dr, Kembla, Bourke Sts, Cliff Rd, Endeavour and Marine Dr	The Color Run – 4 May 2014

DESIGN MATTERS

11	HELENSBURGH	Boomerang and Waratah Sts	Signage and linemarking plan
12	COALCLIFF	Lawrence Hargrave Dr	Proposed pedestrian refuge and bus bay
13	BULLI	Grevillea Park Rd	Residential subdivision – roundabout and associated signs
14	EAST CORRIMAL	Pioneer Rd adjacent Primary School	Kerb blisters and bicycle lanes
15	CORRIMAL	Tarrawanna Rd between Angel St and Yuill Ave	Traffic improvements
16	KEIRAVILLE	Nyrang Rd to Murphys Ave	Nyrang Park shared pathway and cycleway
17	WOLLONGONG	Keira Lane (between Market and Smith Sts)	Road improvement works
18	MANGERTON	Woodlawn Ave	Footpath and crossing points between Payne and Norman Sts.
19	MT KEMBLA	Cordeaux Rd adjacent Primary School	Upgrade footpath and children's crossing
20	WARRAWONG	Second Ave	Road reconstruction between Greene St and Bruce Rd

**INFORMAL ITEMS
(TRAFFIC ENGINEERING ADVICE ONLY)**

21	WOLLONGONG	Keira St	GPT development
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**CITY OF WOLLONGONG TRAFFIC COMMITTEE
19 FEBRUARY 2014
MINUTES
FORMAL ITEMS
(UNDER RMS DELEGATED AUTHORITY)**

Present:

Lindsay Dunstan	(Chairman) Wollongong City Council
Bianca Daxner	Wollongong City Council
Andy Gaudiosi	Roads & Maritime Services
Snr Const Andrew Cotton	NSW Police Force
Neil McCormack	Representing Lee Evans MP
Reg Jago	Representing Noreen Hay MP
Les Dion	Bus & Coach Association
Stuart Blair	Bus & Coach Association

In Attendance:

Jon Myers	Hansen Yuncken
Adam Berry	Roads & Maritime Services
Peter Townsend	Roads & Maritime Services

Apology:

Snr Const Kevin Brown	NSW Police Force
Ian Hunt	Representing Ryan Park MP

GENERAL BUSINESS:

VARIOUS

1 Causeway Warning signage

Background:

Council staff have identified a lack of signage at causeways on a small number of local roads. The appropriate warning signage together with depth indicator signs need to be installed on the approaches to the causeways listed below:

Otford Road, Otford
Lower Coast Road, Stanwell Park
Calderwood Road, Calderwood

PROPOSAL SUPPORTED (UNANIMOUSLY):

Install –

- a) **Causeway warning signs on each approach to the causeways of Otford Road, Otford, Lower Coast Road, Stanwell Park and Calderwood Road, Calderwood.**
- b) **2 metre standard depth signposts at the midway point on the causeways on Otford Road, Otford, Lower Coast Road, Stanwell Park and Calderwood Road, Calderwood.**
- c) **25km/h curve warning signs on both approaches to the curves and causeway on Calderwood Road.**

BULLI

2 Farrell Road – redundant bus zone

Background:

A request has been received to remove a bus zone sign on Farrell Road outside the Bulli Workers Club as buses no longer enter this road. The bus zone is located between the Highway and the car park driveway to the Workers Club and it would be undesirable to permit parking in this area.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Install No Parking restrictions to replace the existing bus zone.

FAIRY MEADOW

3 Intersection Storey Street and Elliotts Road – Stop Sign

Background:

NSW Police has brought to attention the need for a Stop sign at the intersection of Storey Street and Elliotts Road. The adjacent intersection of Elliotts Road and Cowper Street has a Stop sign with similar conditions.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Install a Stop sign and associated linemarking on Storey Street at the intersection with Elliotts Road.

MOUNT PLEASANT

4 Alvan Parade – Bus Zone

Background:

Council and RMS installed a school service bus bay in Alvan Parade immediately north of Ramah Avenue some years ago. The bus zone is signposted as a permanent facility but only accommodates school bus services. Alvan Parade is narrow and parking elsewhere is not permitted; accordingly, it is appropriate to permit parking within the bus bay outside school times.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Install a timed bus zone for school days only from 8 am – 4 pm, in the recessed section on the eastern side of Alvan Parade north of Ramah Avenue.

WEST WOLLONGONG

5 6 Greenacre Road – Pre-School – request for 15 min Drop Off/Pick Up

Background:

The Pre-School operator has limited drop off and pick up facilities on site but the parking demand in Greenacre Road is high as a result of commuters parking to use the nearby Gong Shuttle. A timed parking space has been requested outside the preschool to assist parents taking young children to and from the Pre-School.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Install 15 minute parking restrictions on the Greenacre Road full frontage to No.6 Greenacre Road from 6 am to 6 pm Monday to Friday.

UNANDERRA

6 Tannery Street – adjustments to Council carpark parking restrictions

Background:

The eastern portion of the car park at the eastern end of Tannery Street, Unanderra is under Council's care and control. Some of the provisions need to be adjusted to ensure smooth traffic flows and provide more accessible parking for the public. It is proposed to install signs which require drivers to "park in bays only" to ensure there is adequate manoeuvring space adjacent the Country Grocer, rather than install a number of No Stopping or No Parking restrictions. Council will advise the adjoining owners including the Manager at Woolworths before making the changes to parking arrangements.

It was always intended that this section of car park be restricted to southbound traffic and accordingly an incorrect pavement arrow needs to be removed. It will also be necessary to formalise an existing disabled parking space.

PROPOSAL SUPPORTED (UNANIMOUSLY):

In the small car park adjacent to The Country Grocer off Tannery Street, install –

- a) "Park in Bays Only" signs.**
- b) One Way signs and pavement arrows to indicate drivers should drive in a southerly direction.**
- c) Hatched pavement markings and a standard bollard in the space immediately to the north of the disabled parking space.**

KANAHOOKA

7 Wall Lane – Relocate No Stopping signs to other side of Lane

Background:

A request has been received to move the No Stopping signs that are opposite the heritage listed wall in Wall Lane, as parking against the wall restricts the manoeuvring space available to access the driveways. The No Stopping restrictions were installed by the developer without reference to Council and this restriction is probably unnecessary in a residential area where No Parking restrictions would have the same effect.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Remove the existing No Stopping signs and install No Parking restrictions on the western side of Wall Lane.

8 Edgeworth Avenue – linemarking

Background:

A resident has requested that the curves in Edgeworth Avenue (between Blackmore and Burrows Avenues) be marked with double barrier centre lines. Edgeworth Avenue is 12.5 m wide and drivers will benefit from having the centreline marked around these curves by ensuring vehicles remain on the correct side of the road where sight distances are limited.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Install double barrier lines and raised reflective pavement markers around the curves in Edgeworth Avenue between Blackmore and Burrows Avenues.

REGULATION OF TRAFFIC

WOLLONGONG

9 Endeavour Drive – Splash n Dash Festival at Wollongong Harbour Sunday, 30 March 2014 – (TMP ref: Z14/18750 - Attachment 1)

Background:

An application has been received for the closure of small section of Endeavour Drive on 30 March 2014 between 7.30 am and 12.30 pm for the Splash n Dash Festival at Wollongong Harbour. The closure will be in the vicinity of the City Beach Surf Club car park, but access to Wollongong Harbour and parking near the Harbour businesses will not be affected.

There will be traffic controls in place on Cliff Road and on Marine Drive to allow participants to cross the road under supervision, and there may be short delays as a result to drivers.

PROPOSAL SUPPORTED (UNANIMOUSLY):

The road closures be approved in accordance with the submitted traffic management plan and Council's Standard Conditions for Road Closures. (Attachment 3).

10 George Hanley Drive, Cliff Road, Endeavour Drive and Marine Drive – The Color Run – 5 am to 1 pm Sunday 4 May 2014 – (TMP Ref: Z14/30388 - Attachment 2).

Background:

The organisers of the Color Run have altered the course so that most of the event is confined to the southbound carriageway on Cliff Road, Endeavour Drive and a small part of Marine Drive; the remainder of the course is to be via the shared path and finishes in Stuart Park away from the roadway. This is a fundraising event where participants run around a course where different primary colours are distributed over the runners (corn starch dyes). The organisers have equipment to sweep up the colours with washing facilities for participants so that the colours used are not distributed outside the event area.

As the road closures involve State roads and part of the Gong Shuttle bus route, consultations have been carried out with NSW RMS, Police and Transport for NSW. Road closures will take effect from 5 am to 1 pm for all the roads except George Hanley Drive which will be reopened at approximately 10.30 am.

PROPOSAL SUPPORTED (UNANIMOUSLY):

The road closures be approved in accordance with the submitted traffic management plan and Council's Standard Conditions for Road Closures (Attachment 3).

DESIGN MATTERS

HELENSBURGH

11 Waratah and Boomerang Streets – signage and linemarking plan (Attachment 4)

Background:

Council has been working with the Helensburgh Workers Club to improve car parking in Boomerang and Waratah Streets. A proposed plan for kerb and gutter and kerbside parking has been submitted for assessment.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. KF108690 C29 be approved.

COALCLIFF

12 Lawrence Hargrave Drive – proposed pedestrian refuge and bus bay (Attachment 5)

Background:

Signage and linemarking plan No. 5198 C13 3 has been prepared for a proposed pedestrian refuge, bus bay and shared pathway on Lawrence Hargrave Drive, Coalcliff. This project is an integral part of the Grand Pacific Walk and is funded by NSW Roads & Maritime Services.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. 5198 C13 3 be approved.

BULLI

13 Grevillea Park Road – residential subdivision – plan of roundabout and associated signs (Attachment 6)

Background:

As part of the new subdivision Council has agreed to accept dedication of Grevillea Park Road as public road and this proposal involves the construction of a roundabout to accommodate existing traffic to the Bulli Showground and the new subdivision.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. 13130.CC.C41 be approved subject to –

- a) Lighting is to comply with Australian Standards for the roundabout.
- b) Installation of Advance Warning signs on both approaches to the roundabout.
- c) The regulatory Give Way roundabout signs need to be located on the Hold lines.
- d) The sign placements to be located on the power poles where possible.

EAST CORRIMAL

14 Pioneer Road, adjacent East Corrimal Primary School – new kerb blisters and bicycle lane (Attachment 7)

Background:

Plan No. 5235 SK1 3 has been prepared detailing new kerb blisters and bicycle lanes on Pioneer Road adjacent to East Corrimal Primary School.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. 5235 SK1 3 be approved subject to –

- a) The Stop line needs to be extended across the cycleway.
- b) NSW Roads & Maritime Services approval.

CORRIMAL

15 Tarrawanna Road between Angel Street and Yuill Avenue – traffic improvements (Attachment 8)

Background:

Plan No. 5307 SK1 1 has been prepared detailing proposed traffic improvements on Tarrawanna Road between Angel Street and Yuill Avenue.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. 5307 SK1 1 be approved subject to –

- a) The curve alignment markers need to be duplicated on each post to provide curve delineation for westbound traffic.**
- b) Raised reflective pavement markers to be installed at 6 m spaces on the centreline section with the pavement bars.**

KEIRAVILLE

16 Nyrang Road to Murphys Avenue – Nyrang Park shared pathway and cycleway (Attachment 9)

Background:

Plan Nos 5196 C01 2, 5196 C02 2, 5196 C03 2, 5196 C04 2 have been prepared detailing a shared path between John Street and Nyrang Street, Keiraville with an on street cycleway on John Street between Gipps Road and Murphys Avenue.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan Nos 5196 C01 2, 5196 C02 2, 5196 C03 2, 5196 C04 2 be approved.

WOLLONGONG

17 Keira Lane between Market and Smith Street – road improvement works (Attachment 10)

Background:

Designs have been prepared for road improvement works at Keira Lane between Market Street and Smith Street, as part of the Keira Street Precinct Plan. The proposed work will include new kerb and gutter, vehicular crossings, paving, road cushions, signage and line marking. Plan 5157 SK01 1 is attached which details the proposal. Construction works are expected to commence before the end of the current financial year.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. 5157 SK01 1 be approved.

MANGERTON

18 Woodlawn Avenue between Payne and Norman Streets – footpath and crossing points (Attachment 11)

Background:

Plan No. 5201 C00 2, 5201 C01 3, 5201 C02 3 and 5201 C03 3 have been prepared detailing footpaths on Woodlawn Avenue between Payne Street and Norman Street.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. 5201 C00 2, 5201 C01 3, 5201 C02 3 and 5201 C03 3 be approved subject to – Painted chevron to be installed in Woodlawn Avenue on the approach to the new kerbside blister.

MT KEMBLA

19 Cordeaux Road – upgrade footpath and children’s crossing adjacent to Mt Kembla Public School (Attachment 12)

Background:

Plan No. 5190 SK3 1 has been prepared detailing kerb reconstruction and children’s crossing upgrade on Cordeaux Road adjacent to the public school. The works will include removal of the existing central median at the children’s crossing which will allow lanes of 3.7m and widening of the

footpath on the western side of the road. There will also be drainage works required with the new kerb extensions and additional line marking.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. 5190 SK3 1 be approved subject to -

The addition of linemarkings to reinforce No U Turn restriction at Benjamin Road and Cordeaux Road for eastbound traffic; the pavement arrow to be left and straight through and for westbound traffic the arrow to be right and straight through.

WARRAWONG

20 Second Avenue – road reconstruction between Greene Street and Bruce Road (Attachment 13)

Background:

Plan No. 5230 C1 1 has been prepared for the upgrade of the road at Second Avenue North Warrawong. The works will include removal of the existing barrier kerb on the western side of the street and a series of "gutter bridges" used by adjoining residents to access their garages. Council will also reconstruct the existing road pavement and construct a new low profile roll kerb and adjoining concrete edge. It is proposed to reduce the road width from 8.5m to 8m. There are no proposed changes to the existing road signs and line marking.

PROPOSAL SUPPORTED (UNANIMOUSLY):

Plan No. 5230 C1 1 be approved.

**INFORMAL ITEM
(TRAFFIC ENGINEERING ADVICE ONLY)**

WOLLONGONG

21 Keira Street – GPT Development

Representatives of Hansen Yuncken attended the meeting and gave an update on progress of the development. There are no traffic changes proposed in the next few months as work proceeds to complete the Keira Street tunnel. The bus operators have concerns about delays due to the current traffic signal phases at Keira and Crown Streets. The RMS and Hansen Yuncken representatives agreed to keep traffic flows under review.

The bus operators have some driver complaints about the 3m wide lanes in Keira Street, between Market and Crown Streets. The Hansen Yuncken representative agreed to check the barriers to the north of the narrow section with a view to easing the transition.

DONNELLEY		CIVIL		PTY LTD
DONNELLEY CIVIL Pty Ltd ACN 102 791 542 ABN 82 102 791 542	118 Auburn Street Wollongong NSW Australia	PO Box 1891 Wollongong NSW Australia 2500	Tel: (02) 4228 5888 Fax: (02) 4228 4387	

TRAFFIC MANAGEMENT PLAN

Traffic Plan: 9933-4461
 Type : Two Lane, Two Way
 As Per : TCP - 84, 54
 Location : Marine Dr, Wollongong
 Date : 30th March, 2014
 Duration : 07.30hrs to 12.30hrs

REASON FOR CLOSURE

Activate Events requires a traffic control plan during Splash n Dash Festival at Wollongong Harbour.

TRAFFIC CONTROL

Traffic control will consist of:
 Standard TCP used as a guide only is TCP 84, 54
 All Signage as per attached Traffic Plan (Donnelley Civil Pty Ltd holds no responsibility for the implementation of this TCP by another contractor.)
 Variations in sign distances due to position of Shops and traffic signals.
 All relevant audits to be carried out by qualified personal.
 Accredited Traffic Controllers are required to Establish and Maintain site during the closure
 Traffic Controller is Maintain site vision at all times
 Work is to be carried out during daylight hours only.

LOCAL TRAFFIC

BUSES, The local bus companies will be informed of the disruption to Traffic Conditions when directly affected

EMERGENCY SERVICES

POLICE, AMBULANCE, FIRE and SES services shall be contacted once approval for the traffic control plan has been given to inform them of the interruption to Traffic Conditions. *Although should not be effected by this disruption.*

SITE SUPERVISION

Site supervisor will conduct a pre job check of the sign layout for faults or misleading signs and will be done in conjunction with Traffic Control at Work Sites manual Audit Checklist and to Regulations. He will also be required to assist in changes during the course of the project.

TCWS#: 5293014347

DATE: 12th December, 2013

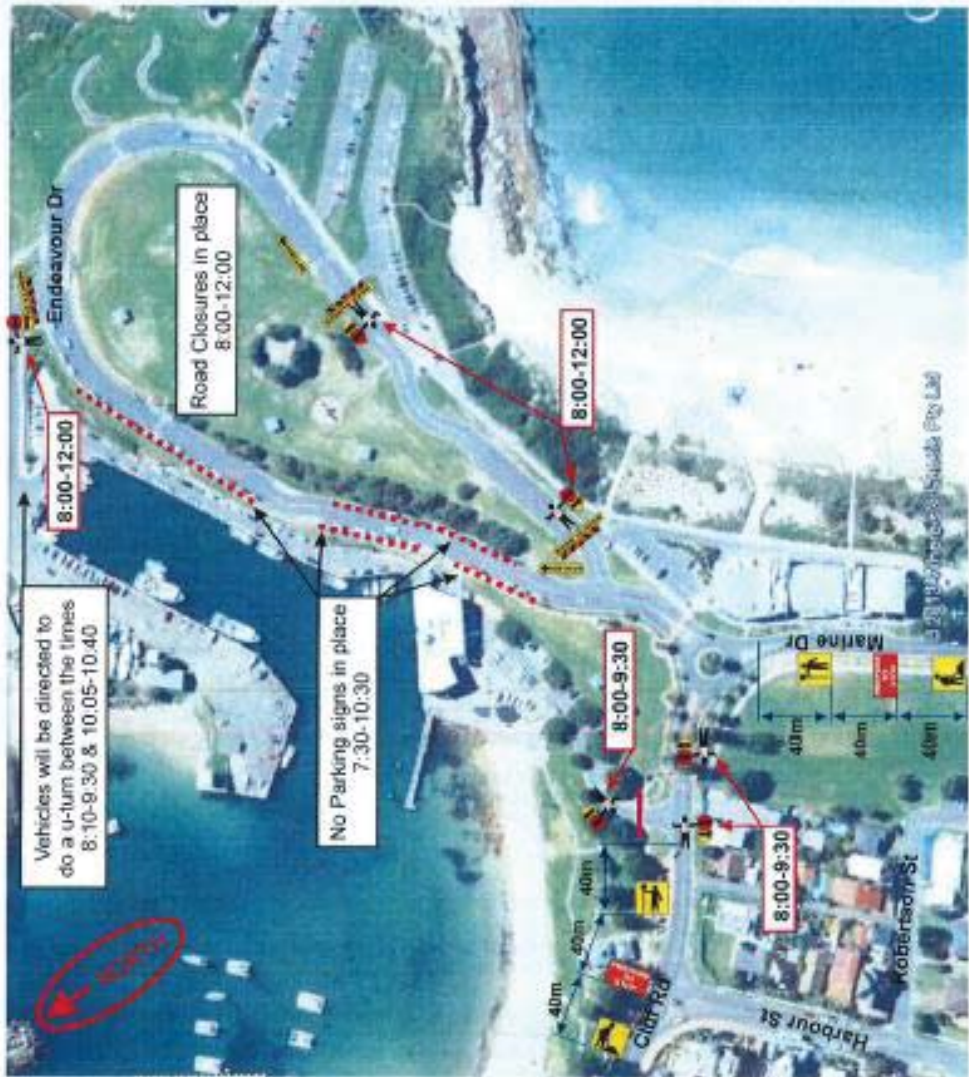
Authorisation for Amendment:

NAME:.....

TCWS#.....

SIGNATURE:.....

DATE:



Traffic Plan: 9933-4451
 Type : Two Lane, Two Way
 As Per : TCP - 84, 54
 Location : Marine Dr, Wollongong
 Date : 30th March, 2014
 Duration : 07.30hrs to 12.30hrs

Police Service
 4295 2699
Fire Brigade
 000
Ambulance
 Service 4227 0222

Traffic Controller
 Crossing
 No Parking signs
 to be erected



Traffic Plan: 9933-4461
 Type : Two Lane, Two Way
 As Per : TCP - 84, 54
 Location : Marine Dr, Wollongong
 Date : 30th March, 2014
 Duration : 07:30hrs to 12:30hrs

Police Service
 4295 2699
Fire Brigade
 000
Ambulance
 Service 4227 0222




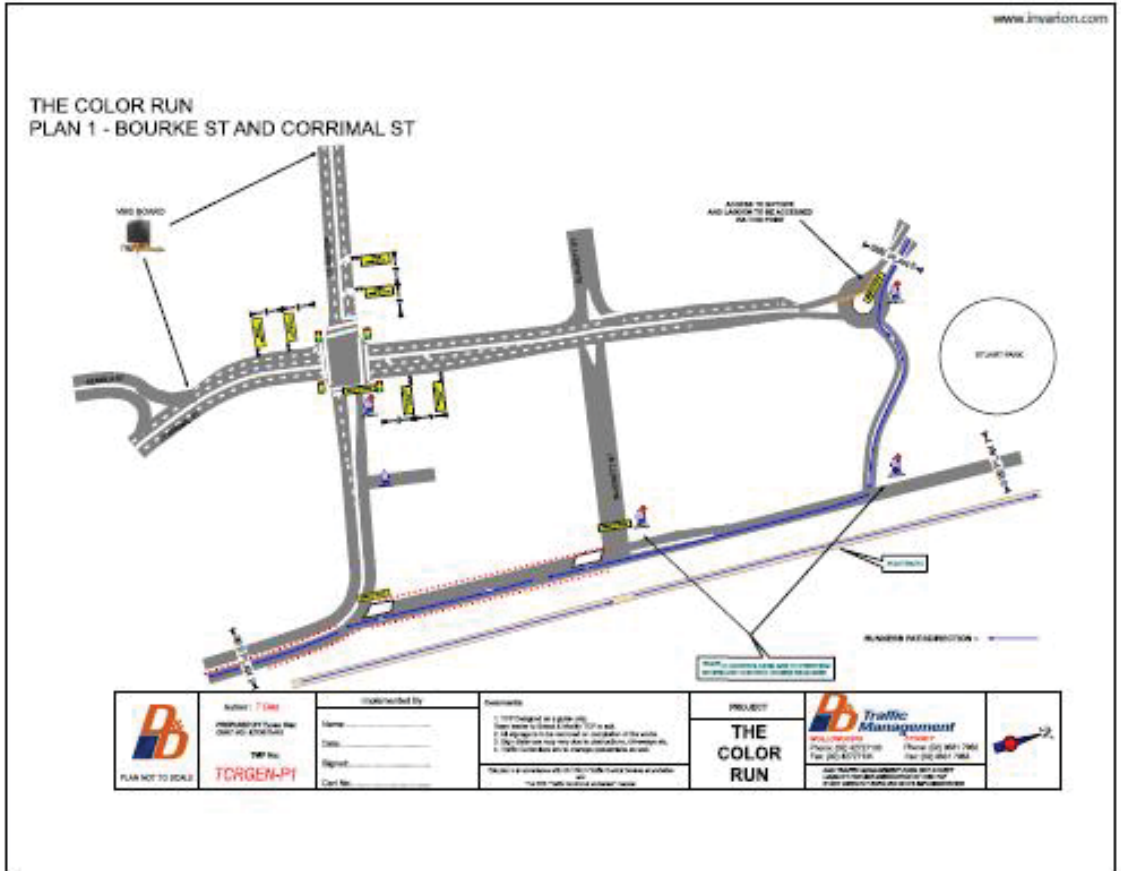
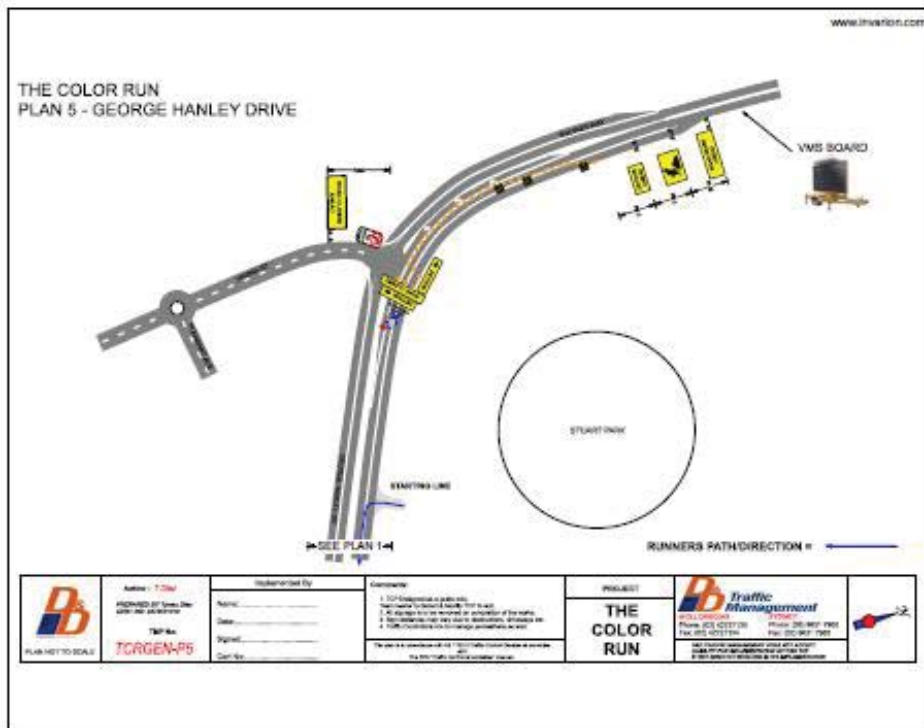
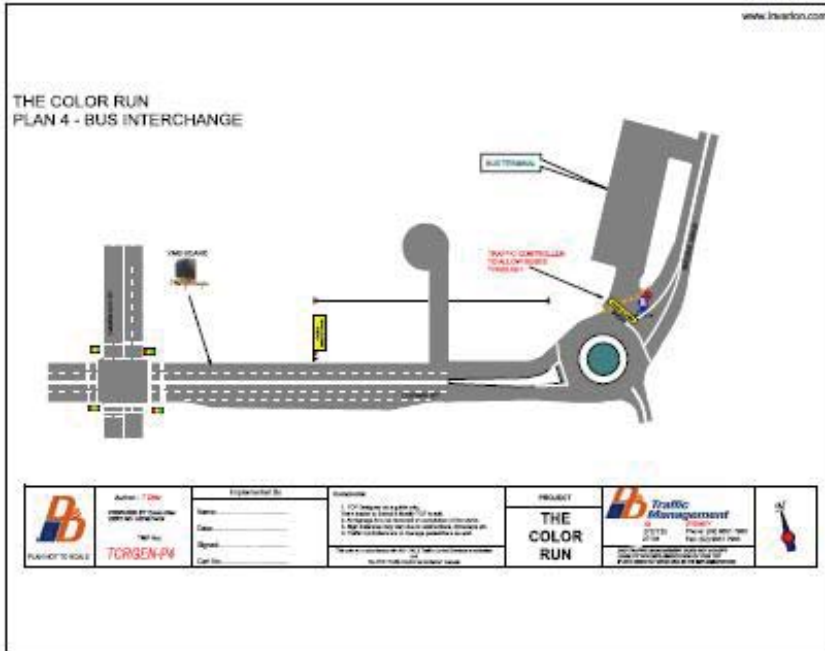
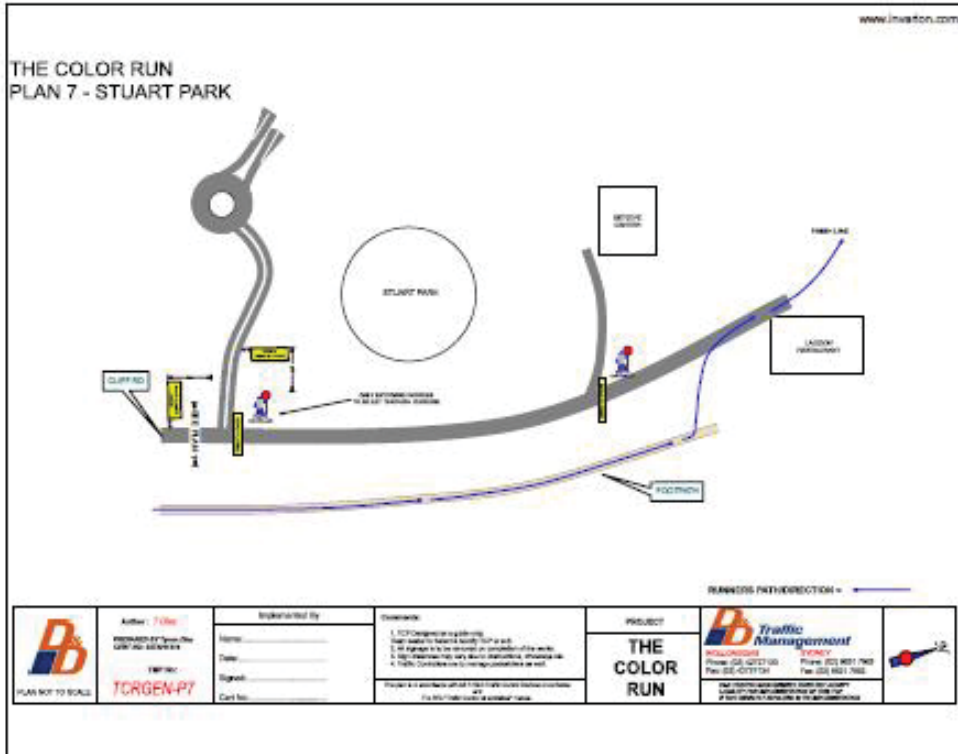
Traffic Controller

 Crossing

 No Parking signs
 to be erected




Figure 1; 'The Swisse Color Run' – Wollongong course map.





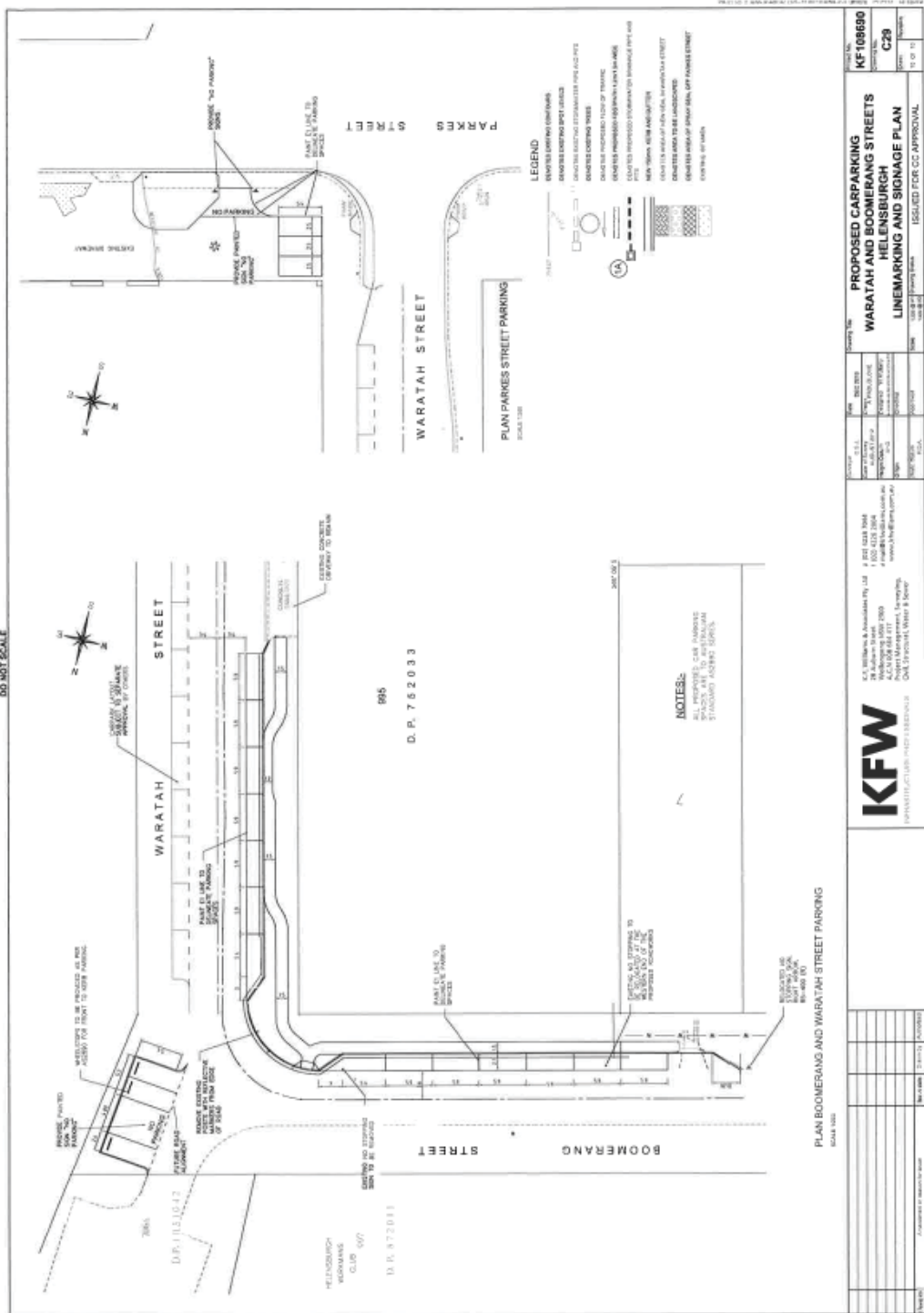


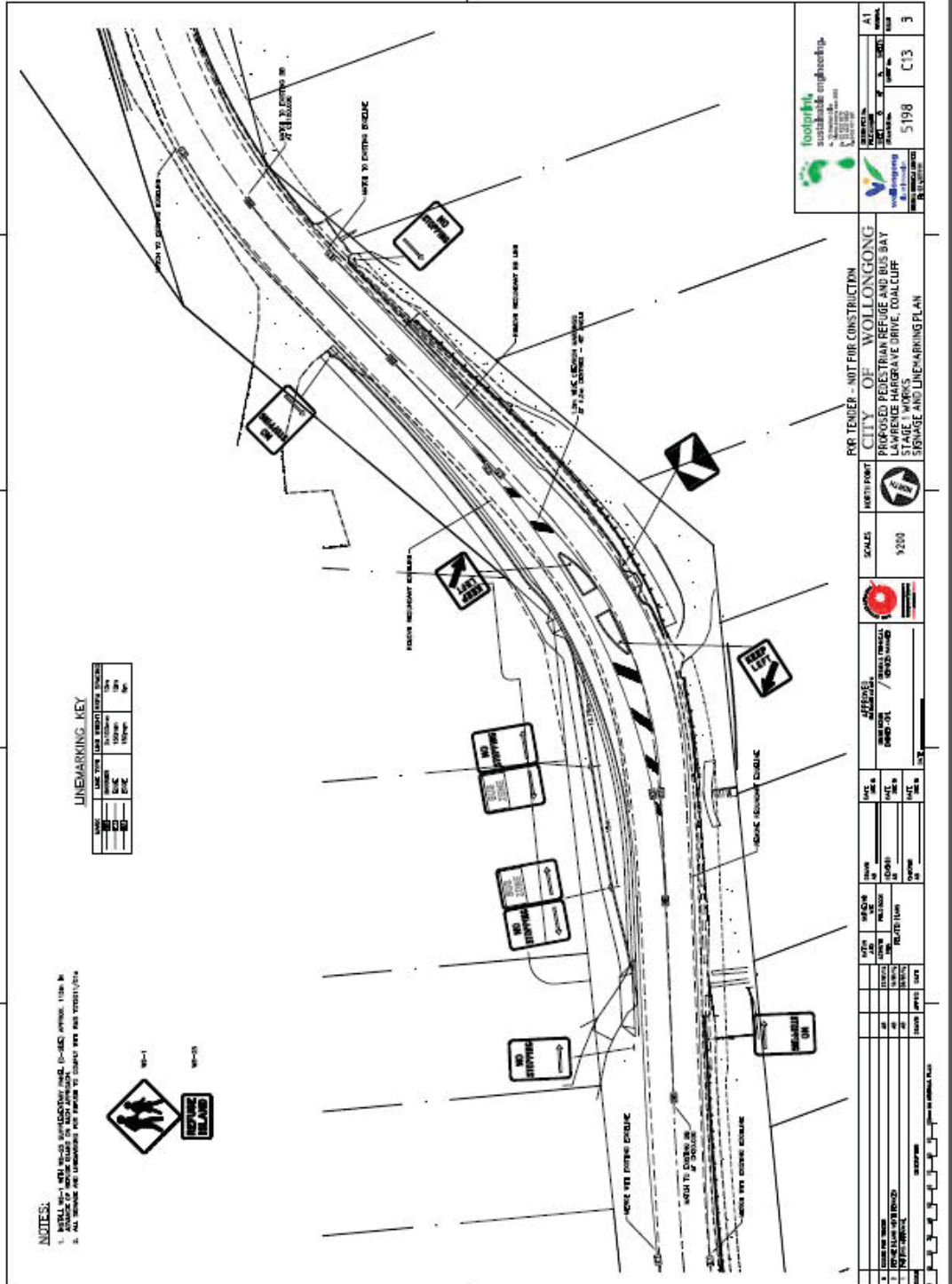
STANDARD CONDITIONS APPLYING TO SPECIAL EVENTS AND
WORK-RELATED ACTIVITIES WITHIN COUNCIL ROAD RESERVES

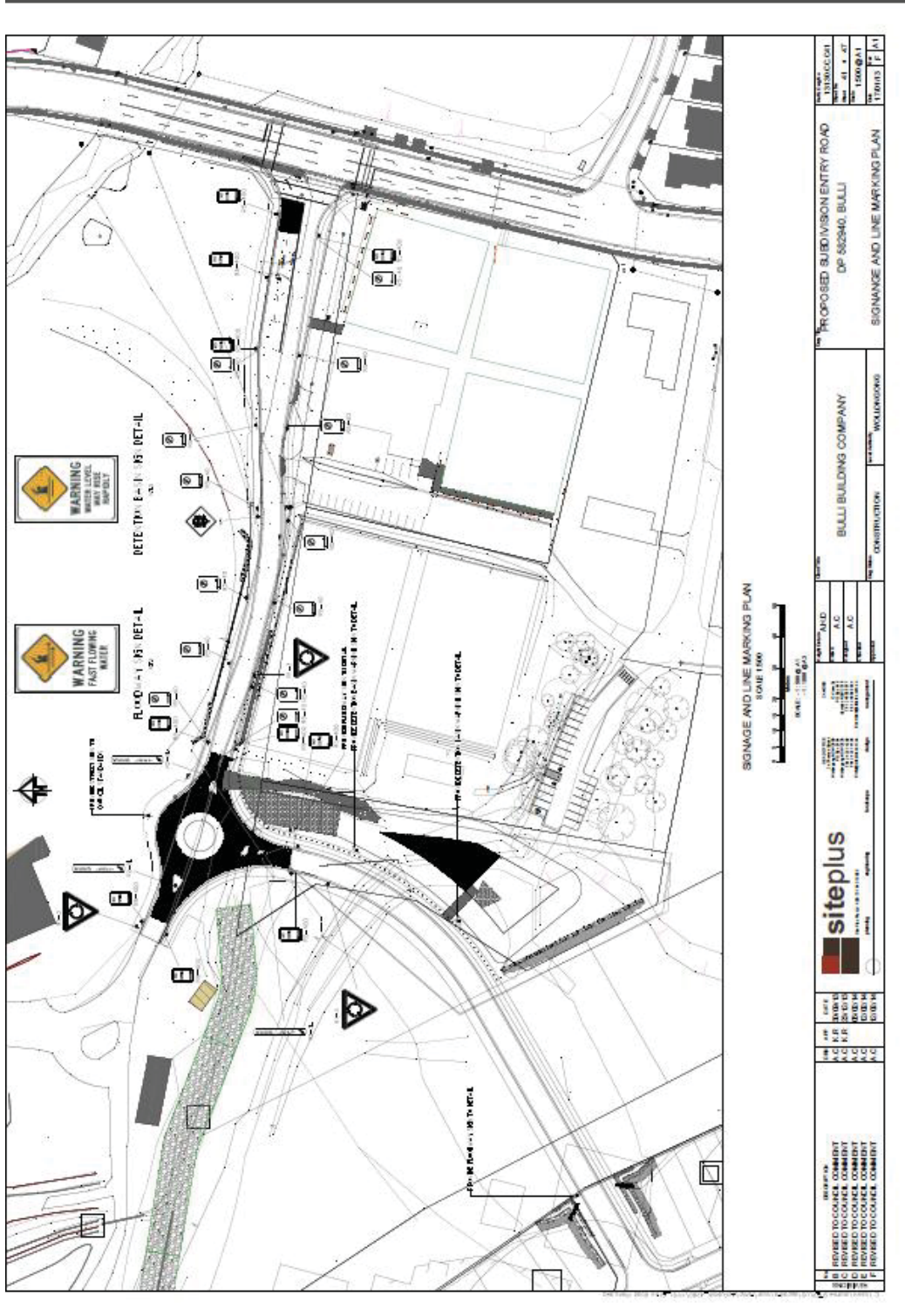
A road closure, following approval by the Traffic Committee, is subject to the following additional Council conditions:

1. The applicant must apply to for a section 138 permit to occupy the road reserve. The application must include:
 - a. A copy of these conditions signed as accepted
 - b. A copy of a letter from the Traffic Committee authorising the closure
 - c. The TMP
 - d. The ROL (if required)
 - e. Police approval
 - f. Public liability insurance
2. The applicant must obtain written approval from the NSW Police Service.
3. The applicant must obtain an ROL (Road Occupancy Licence) from the Roads & Maritime Services if the closure is on a classified road or within 100m of any traffic control signals.
4. The applicant must advise all affected residents and business owners within the closure area of the closure dates and time in writing, seven days prior to the intended date of works.
5. The applicant must advise the Emergency Services (Ambulance, Fire Brigade, NSW Police), Taxi Co-op and Bus Companies of the closure dates and times in writing, seven days prior to the intended date of works. The applicant must endeavour to minimise the impact on bus services during the closure.
6. The closure must be set up in accordance with a Traffic Management Plan (TMP) prepared by an appropriately qualified traffic control person. A copy of the person's qualifications must be detailed within the TMP.
7. The TMP must be physically set-up by appropriately qualified traffic control persons or the NSW Police.
8. Access for affected business owners and residents must be maintained where possible. Where direct access cannot be achieved an alternative arrangement must be agreed to by both the applicant and affected person/s.
9. The applicant must advertise the closure in the Public Notice section of the local newspaper, detailing the closure dates and times. This advertisement must appear no less than seven days prior to the closure.
10. The applicant must provide Council with a copy of a current public liability insurance policy to a value no less than 10 million dollars which covers Wollongong City Council against any claims arising from the closure.

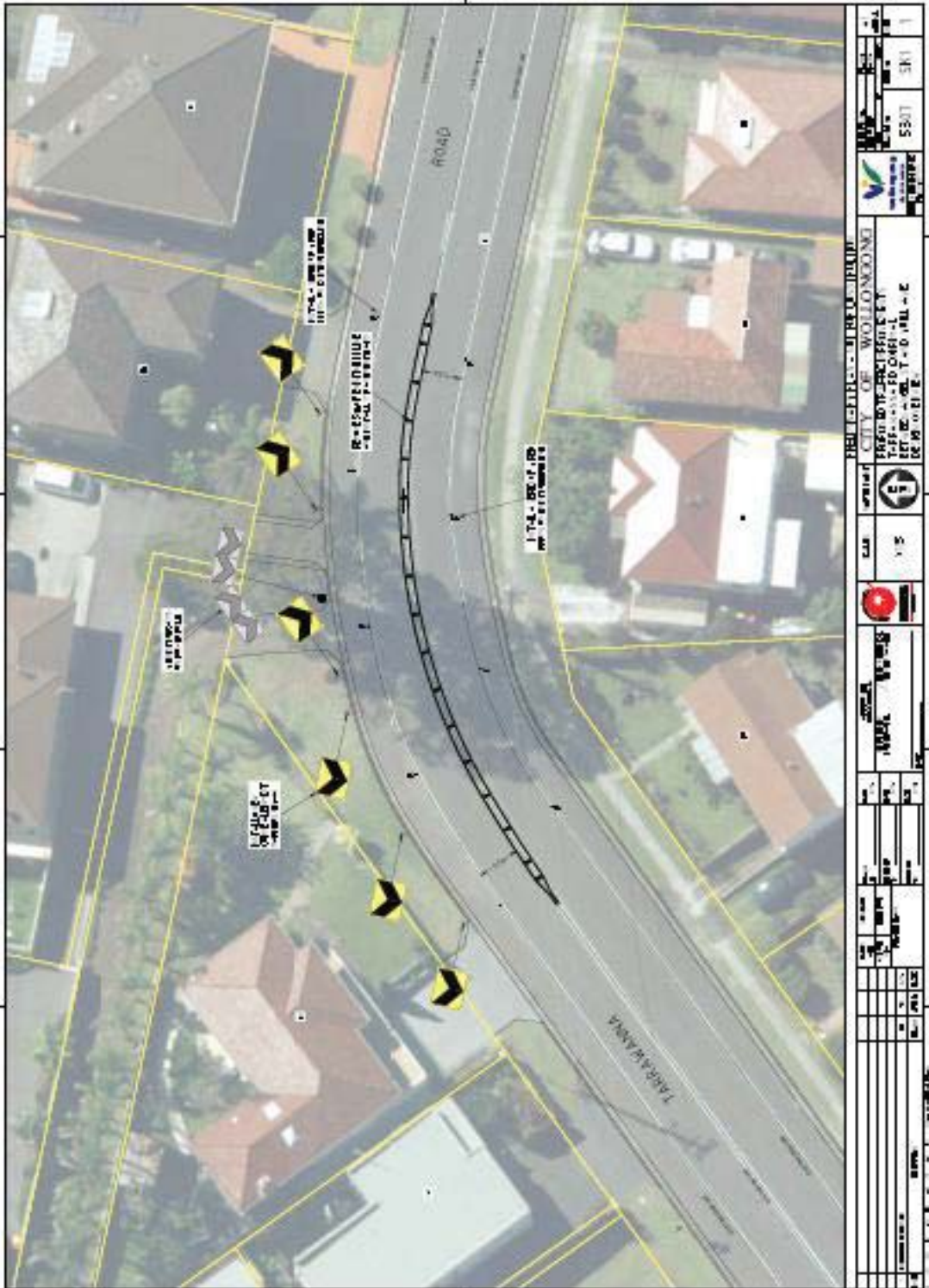
Waratah and Boomerang Streets, Helensburgh – Proposed Carparking

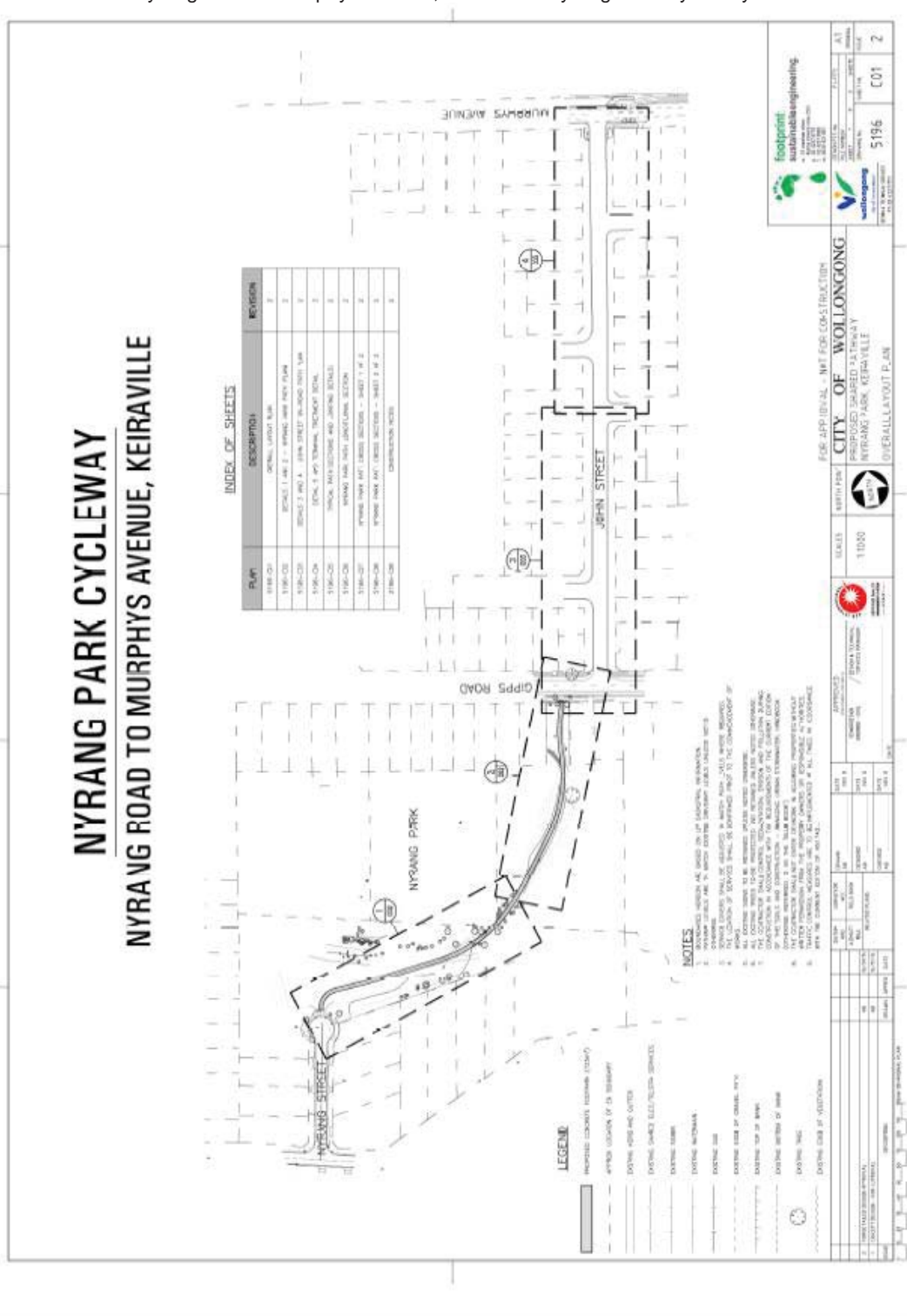


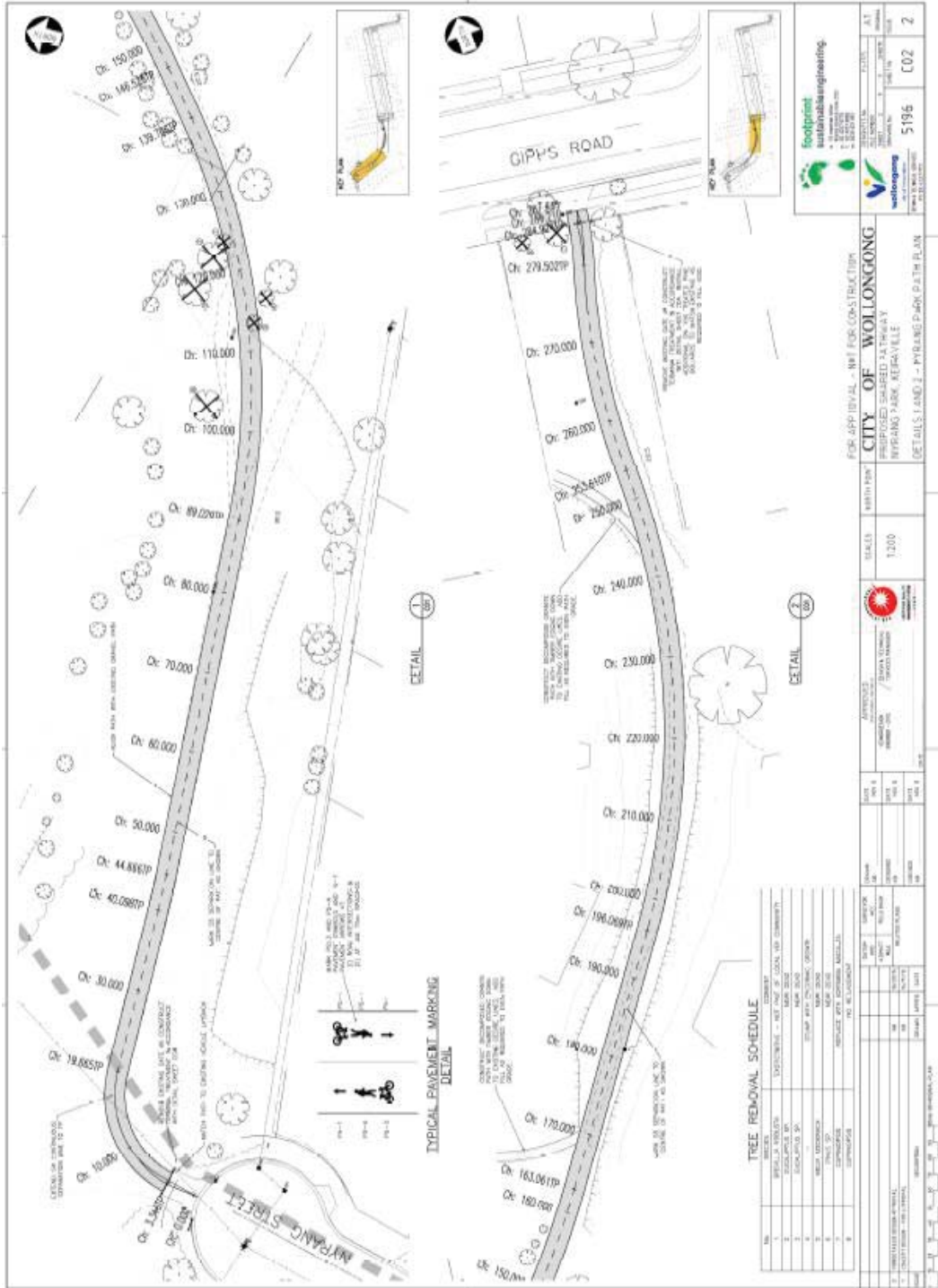




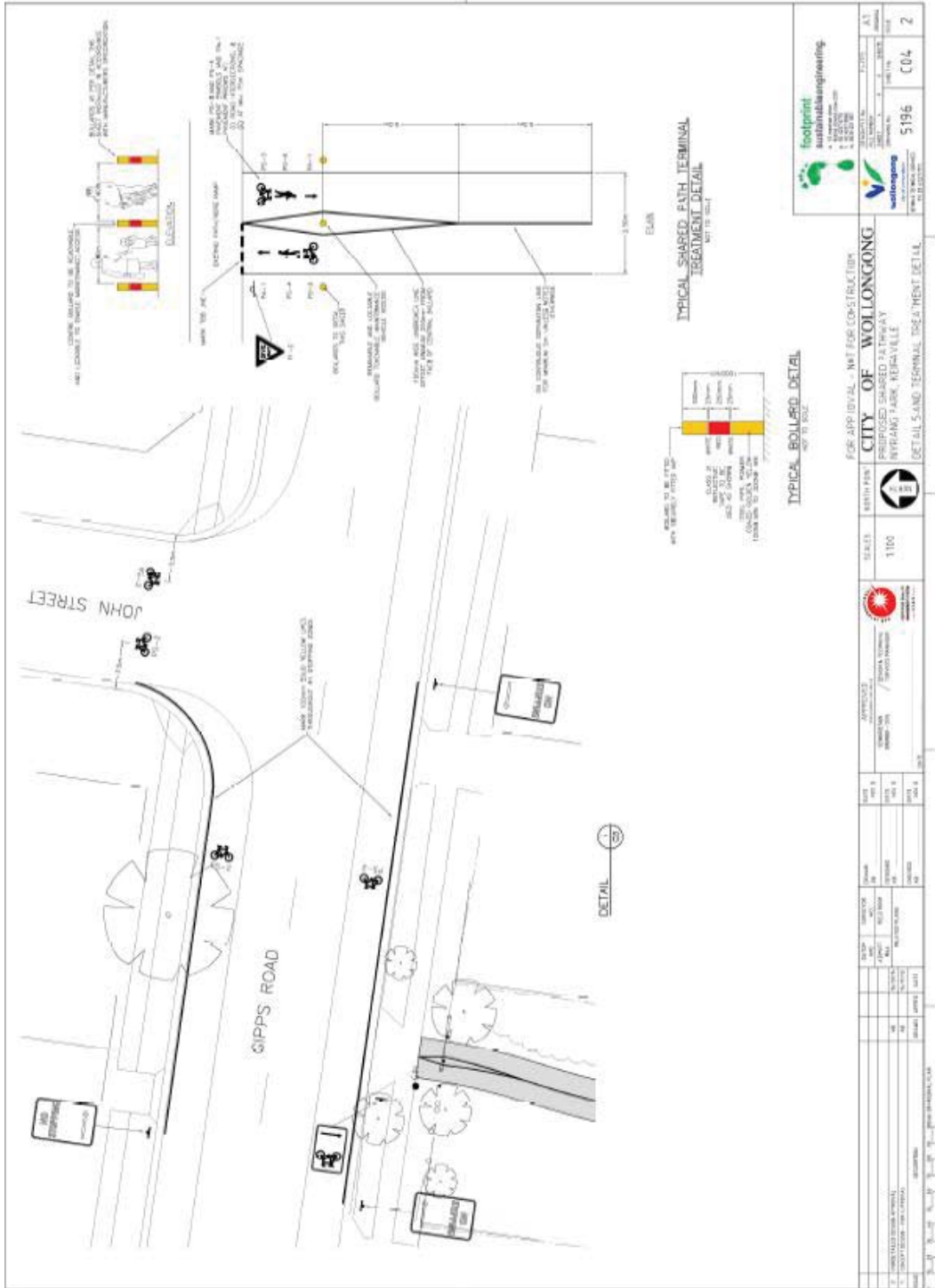
Tarrawanna Road, Corrimal between Angel Street and Yuill Avenue – traffic improvements







Nyrang Road to Murphys Avenue, Keiraville - Nyrang Park Cycleway



footprint
sustainableengineering

PROJECT NO. 5196
DATE 15/02/14
SCALE C04
SHEET 2

FOR APPROVAL - NOT FOR CONSTRUCTION

CITY OF WOLLONGONG

PROJECT NO. 5196
DATE 15/02/14
SCALE C04
SHEET 2

DETAIL 5 AND TERMINAL TREATMENT DETAIL

FOR APPROVAL - NOT FOR CONSTRUCTION

CITY OF WOLLONGONG

PROJECT NO. 5196
DATE 15/02/14
SCALE C04
SHEET 2

DETAIL 5 AND TERMINAL TREATMENT DETAIL

FOR APPROVAL - NOT FOR CONSTRUCTION

CITY OF WOLLONGONG

PROJECT NO. 5196
DATE 15/02/14
SCALE C04
SHEET 2

DETAIL 5 AND TERMINAL TREATMENT DETAIL

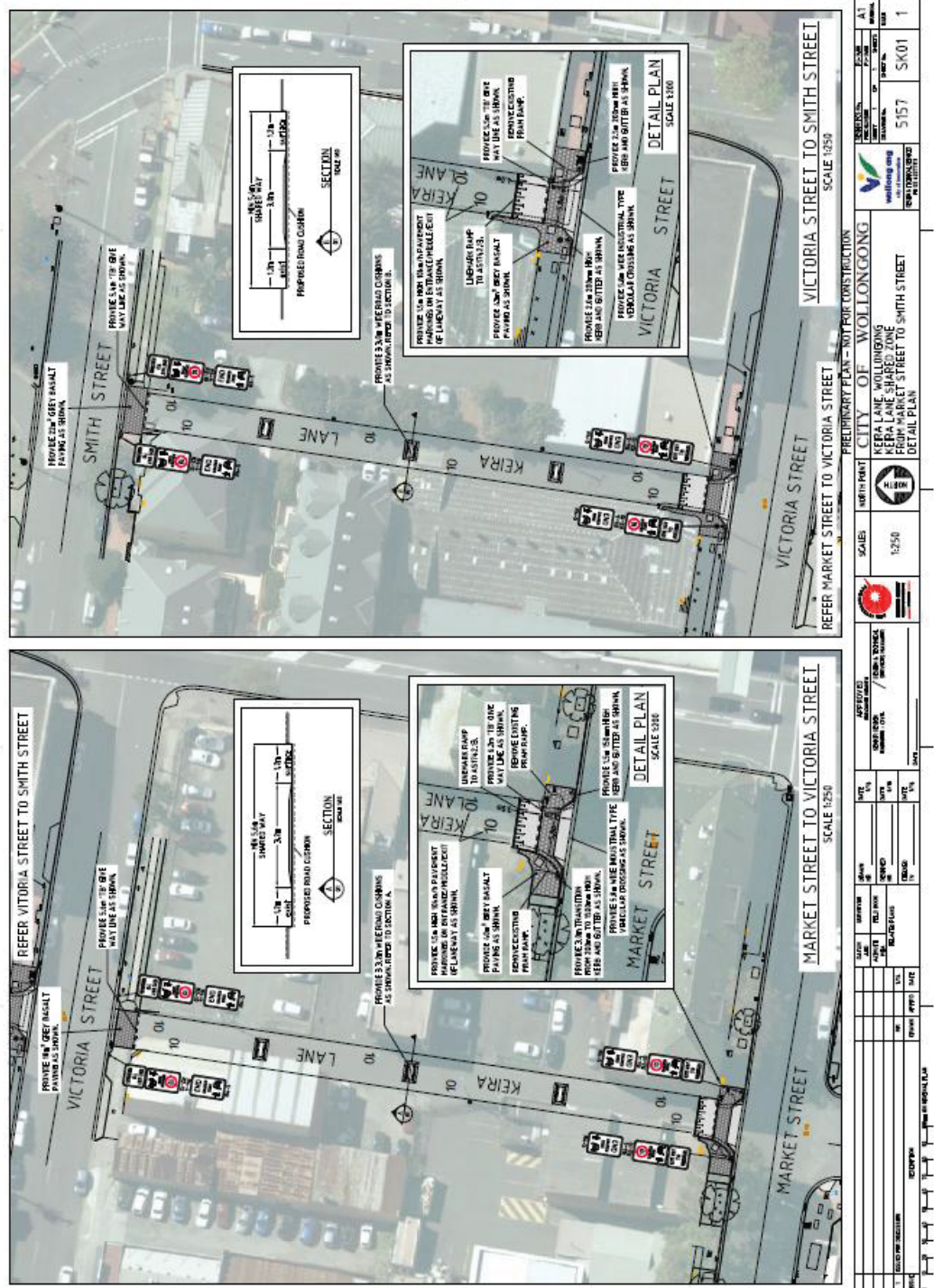
FOR APPROVAL - NOT FOR CONSTRUCTION

CITY OF WOLLONGONG

PROJECT NO. 5196
DATE 15/02/14
SCALE C04
SHEET 2

DETAIL 5 AND TERMINAL TREATMENT DETAIL

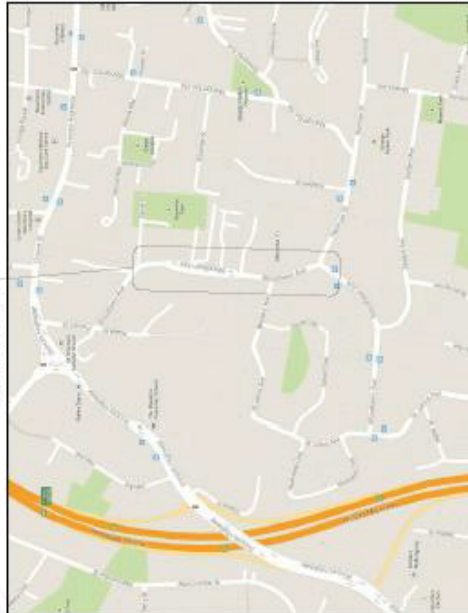
Keira Lane between Market and Smith Street – road improvement works



Woodlawn Avenue, Mangerton between Payne and Norman Streets - footpaths

WOLLONGONG CITY COUNCIL WOODLAWN AVENUE FOOTPATHS BETWEEN PAYNE ST AND NORMAN ST 21-22996

LOCATION OF WORKS

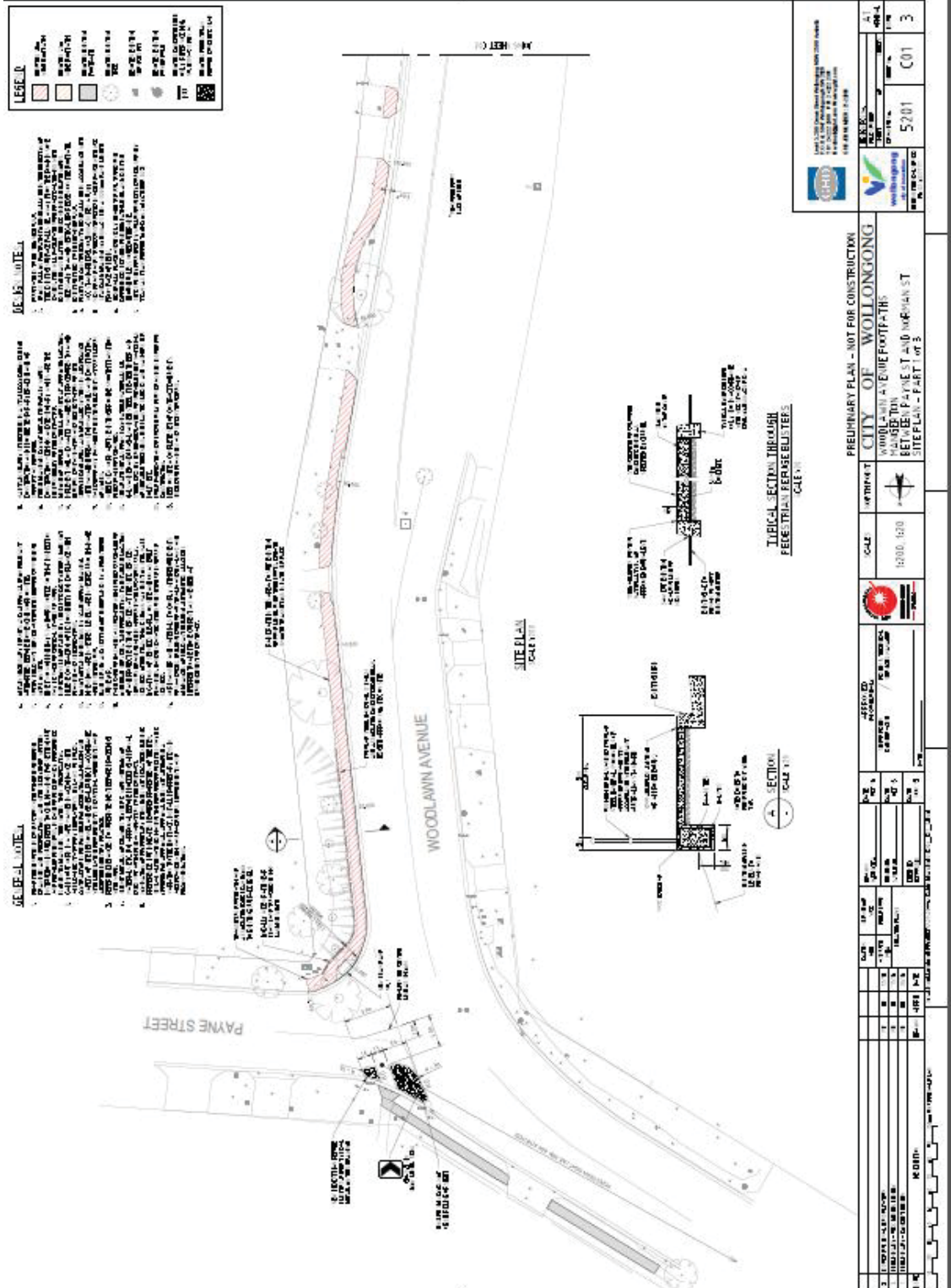


MAP REPRODUCED WITH PERMISSION OF CITY OF WOLLONGONG, WOLLONGONG CITY COUNCIL

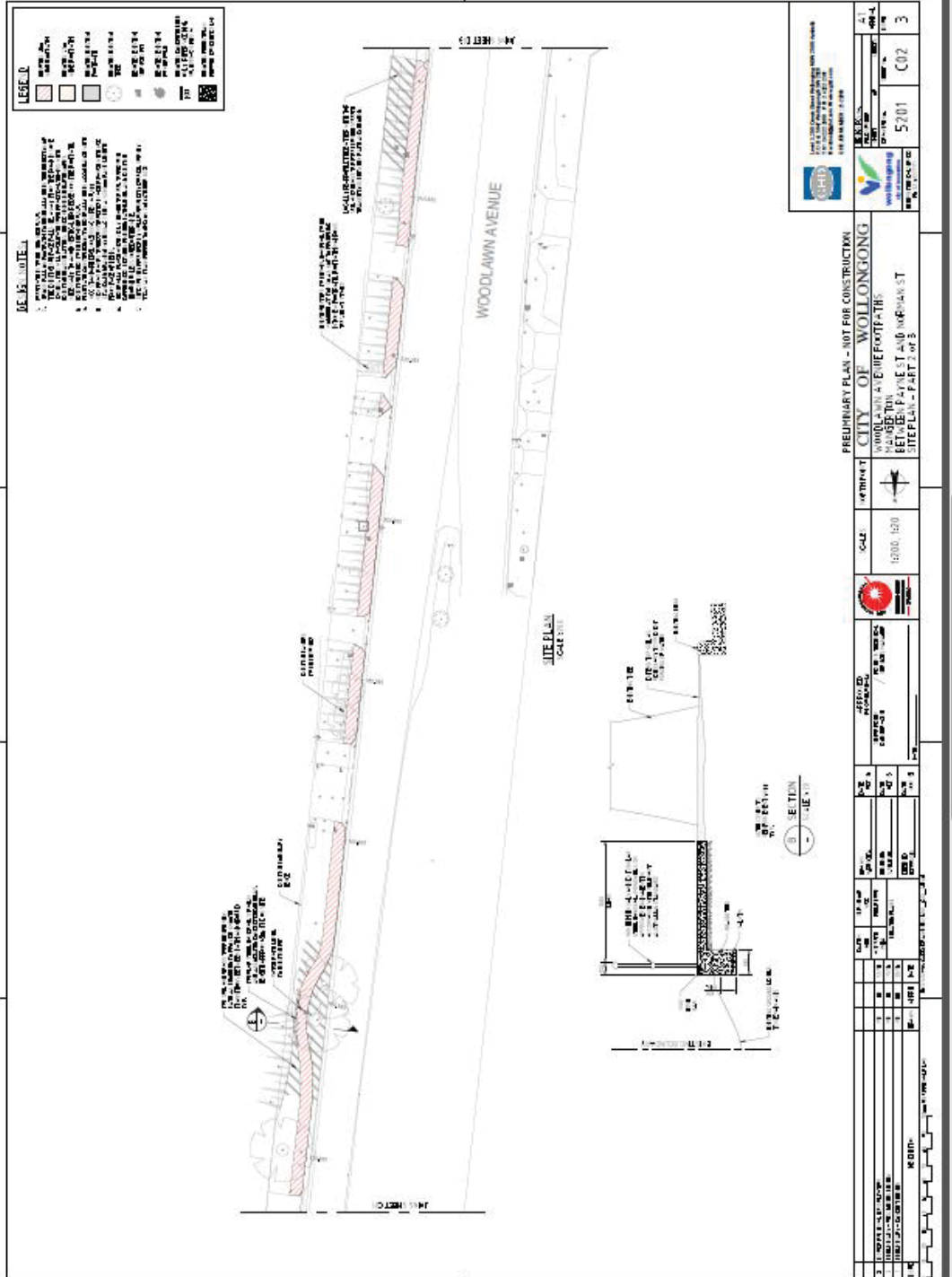
DEFINITIONS
NO. **DESCRIPTION**
SECTION OF THE LOCALITY PLAN IS:
DATE THE PLAN IS:
DATE THE PLAN IS:
DATE THE PLAN IS:
DATE THE PLAN IS:

PRELIMINARY PLAN - NOT FOR CONSTRUCTION CITY OF WOLLONGONG MANAGER BETWEEN PAYNE ST AND NORMAN ST COVER SHEET LOCALITY PLAN & DEAMING LIST		5201 C00 2	
DATE OF APPROVAL 15/02/2014	DATE OF DEAMING LIST 15/02/2014	SCALE N/A	PROJECT NO. 21-22996
PROJECT NAME WOODLAWN AVENUE FOOTPATHS	PROJECT LOCATION BETWEEN PAYNE ST AND NORMAN ST	PROJECT TYPE FOOTPATHS	PROJECT STATUS PRELIMINARY
PROJECT MANAGER [Name]	PROJECT ENGINEER [Name]	PROJECT DESIGNER [Name]	PROJECT CONSULTANT [Name]

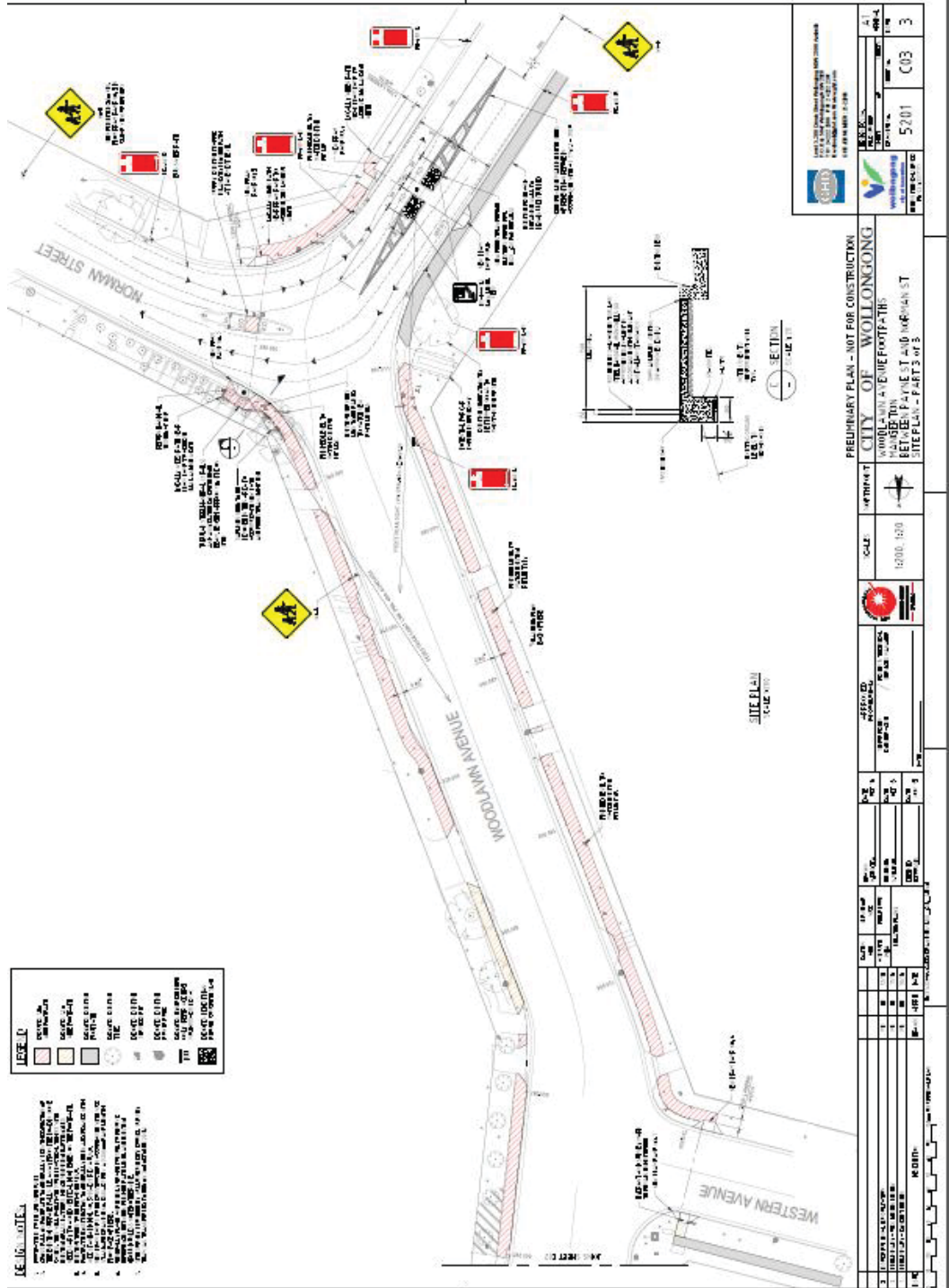
Woodlawn Avenue, Mangerton between Payne and Norman Streets - footpaths



Woodlawn Avenue, Mangerton between Payne and Norman Streets - footpaths



Woodlawn Avenue, Mangerton between Payne and Norman Streets - footpaths



Second Avenue, Warrawong between Greene Street and Bruce Road – road reconstruction

