

WOOLWORTHS

DRAFT CONSTRUCTION
TRAFFIC MANAGEMENT PLAN
FOR PROPOSED WAREHOUSE
AND DISTRIBUTION CENTRE AT
11-13 PERCY STREET, AUBURN

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I. INTRODUCTION

- I.1 Colston Budd Rogers and Kafes Pty Ltd has been commissioned by Woolworths to prepare a draft construction traffic management plan for a proposed warehouse and distribution centre at 11-13 Percy Street, Auburn. The site location is shown in Figure 1.
- I.2 It is proposed to construct a warehouse and distribution facility to be used as a customer fulfilment centre by Woolworths. The proposed development will comprising a warehouse of some 19,250m², ancillary office of some 1,220m² and customer pick-up facility of some 135m². Construction vehicle access to the site will be provide from Percy Street, via two temporary driveways, located adjacent to the northern and southern boundaries of the site.
- I.3 The draft construction traffic management plan is presented in the following chapter.
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2. DRAFT CONSTRUCTION TRAFFIC MANAGEMENT PLAN

2.1 The construction methodology, process and staging has not been precisely defined. The builder/contractor will be responsible for the preparation of a construction traffic management plan, which will be prepared prior to the commencement of work, taking into account relevant consent conditions.

2.2 The draft construction traffic management plan for the proposed warehouse and distribution centre development is set down through the following sections:

- site location and road network;
- proposed development;
- overall principles for traffic management;
- hours of work;
- truck routes;
- construction site operation;
- traffic and parking effects; and
- draft construction traffic management plan.

Site Location and Road Network

2.3 The site is located on the eastern side of Percy Street, between Parramatta Road and Boorea Street, as shown on Figure 1. It is occupied by two warehouse/ industrial buildings, with access driveways onto Percy Street adjacent to the northern and southern boundaries of the site.

- 2.4 Surrounding development includes industrial and warehouse development, with residential development to the west of St.Hilliers Road and sports playing fields to the south of Boorea Street. The Haslams Creek canal extends along the eastern boundary of the site.
- 2.5 Adjacent to the site, Percy Street provides an undivided carriageway with one traffic and one parking lane in each direction, clear of intersections. It provides access to industrial properties. Percy Street intersects with Parramatta Road to the north and Boorea Street to the south. The intersection of Parramatta Road and Percy Street is restricted to left turn only for vehicles turning from Parramatta Road into Percy Street. The intersection of Boorea Street and Percy Street is a priority sign controlled intersection with turning movements restricted to left in and left out.
- 2.6 Parramatta Road is north of the site and provides an east-west arterial road connecting Parramatta and the western suburbs of Sydney to the Sydney CBD. It provides a four to six lane divided carriageway with additional turning lanes at signalised intersections.
- 2.7 St. Hilliers Road is west of the site and provides a north-south connection between Parramatta Road and Silverwater Road to the north and Rawson Street and Boorea Street to the south. It provides a six lane divided carriageway with three traffic lanes in each direction, and additional turning lanes at major intersections. North of the site, St. Hilliers Road and Silverwater Road provide access to the M4 Motorway with east and westbound on and off-ramps.
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- 2.8 Hall Street is west of the site and provides an east-west connection between St. Hilliers Road and Percy Street. East of St. Hilliers Road, it provides access to industrial properties. Hall Street provides an undivided carriageway with one traffic lane and one parking lane in each direction, clear of intersections. The intersection of Hall Street and St. Hilliers Road is controlled by traffic signals with all movements permitted. Parramatta Road, St. Hilliers Road and Hall Street will provide the main access to the site during construction.
- 2.9 South of the site, Boorea Street and Rawson Street combine to provide an east-west connection between Parramatta Road and Olympic Drive. To the south east, Boorea Street connects to Olympic Drive and combines with Joseph Street, Rookwood Road and Stacey Street to provide an arterial traffic route connecting to Bankstown and the southern suburbs of Sydney.

Proposed Development

- 2.10 It is proposed to demolish the two existing buildings on the site and construct a new warehouse to be used as a customer fulfilment centre by Woolworths. The development will comprise a warehouse of some 19,250m², ancillary office of some 1,220m² and customer pick-up facility of some 135m². Ancillary offices and customer pick-up facilities will be provided on the southern side of the building. Car parking is proposed adjacent to Percy Street, and loading and delivery areas will be located on the eastern and western sides of the warehouse.
- 2.11 Vehicle access is proposed from Percy Street, via two access driveways at the northern and southern ends of the site. 24 hour, seven day operation of the development is proposed.
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Overall Principles for Traffic Management

2.12 The overall principles for traffic management during construction of the development are:

- provide a convenient and appropriate environment for pedestrians;
- minimise effects on pedestrian movements and amenity;
- manage and control vehicular movements to and from the site;
- maintain traffic capacity at intersections and mid-block around the site;
- maintain access to other properties adjacent to the site;
- restrict vehicle activity to designated truck routes through the area;
- maintain safety for workers;
- provide appropriate access to the site for construction traffic; and
- manage and control vehicle activity in the vicinity of the site.

2.13 It is not anticipated that on street works zones would be required during the construction period. However, if works zones are required, a separate application will be made to Cumberland Council.

Hours of Work

2.14 Subject to conditions of consent, work associated with construction activities will be carried out between the following hours:

- Monday to Friday: 7:00 am to 5:00 pm;
- Saturday: 7:00 am to 5:00 pm; and
- Sunday/public holidays: no work.

2.15 All work including demolition, excavation and construction work during these hours will be carried out in accordance with the conditions of consent and the Australian Standard AS2436.10 Guide to Noise Control and Construction, Maintenance and Demolition Sites. The site contractor will be responsible to instruct and control all workers and sub-contractors regarding the hours of work. Any work outside these times would be subject to a separate application to Cumberland Council. The control of hours of operation avoids truck movements during the early hours of the morning, before 7:00 am and in the evening, after 5:00 pm.

Truck Routes

2.16 During demolition, excavation and construction, trucks removing spoil and transporting material to the site will be accommodated on the site. Vehicular access to and from the site will be provide from Percy Street, via two temporary driveways, located adjacent to the northern and southern boundaries of the site.

2.17 General traffic movements on surrounding roads and continued access to adjacent properties will be maintained during construction. Truck movements will be restricted to designated truck routes and will be confined to the main road network through the area. Trucks at no time during demolition, excavation and construction will be permitted to park on-street in the vicinity of the site.

2.18 Trucks would travel to and from the site along the following designated routes, as shown in Figure 2:

- approach routes:
 - M4 Motorway (east and westbound), Silverwater Road, St. Hilliers Road, Hall Street and Percy Street;
 - Parramatta Road (east and westbound), St. Hilliers Road, Hall Street and Percy Street;
 - Silverwater Road (southbound), St. Hilliers Road, Hall Street and Percy Street;
 - Olympic Drive (northbound), Boorea Street, St. Hilliers Road, Hall Street and Percy Street;

 - departure routes:
 - Percy Street, Hall Street, St. Hilliers Road, Silverwater Road, M4 Motorway (east and westbound);
 - Percy Street, Hall Street, St. Hilliers Road, Parramatta Road (westbound);
 - Percy Street, Hall Street, St. Hilliers Road, Silverwater Road (northbound); and
 - Percy Street, Boorea Street and Olympic Drive (southbound).
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- 2.19 The designated truck routes to and from the site are proposed to restrict truck traffic to the main road network through the area. Truck drivers will be inducted and advised of the designated truck routes to and from the site. The approach and departure route of demolition, excavation and construction vehicles are considered appropriate.

Construction Site Operation

- 2.20 During demolition, excavation and construction, all construction vehicles and materials handling, including the removal of spoil and delivery of construction material, will be accommodated within an on-site construction compound/materials handling area. Construction hoarding and containment fencing will be erected around the perimeter of the site compound, with scaffolding and overhead protection provided where required.
- 2.21 Trucks will enter and exit the site in a forward direction. The construction access driveways onto Percy Street will be managed and controlled by qualified traffic controllers. The traffic controllers will be located within the site and will manage pedestrians and truck movements across the adjacent footpath. They will ensure that the access driveway is kept clear at all times, to allow trucks unobstructed access to the site. They will not enter the public road reserve or attempt to stop vehicles within Percy Street. Trucks exiting the site will give way to traffic and pedestrians and will wait for appropriate gaps in the traffic in order to enter the surrounding road network.
- 2.22 The construction access driveways will provide appropriate sight lines for construction vehicle access, with regards to the number, type and size of
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construction vehicles. Pedestrian warning signs will be erected adjacent to the driveways and on pedestrian paths adjacent to the construction activity, in accordance with SafeWork NSW requirements.

- 2.23 Truck drivers will be advised of the presence of the traffic controllers, and that they must observe his or her direction at all times. All traffic controllers will be fully qualified with the relevant RMS Traffic Controllers qualifications.

Traffic and Parking Effects

- 2.24 The number of vehicles generated during the various stages of construction is likely to be up to some 40 to 60 construction vehicles per day two-way at peak times. The effects of construction vehicle activity on the surrounding road network will therefore be less than the operational effects. Construction vehicles will access the site from Percy Street, via separate entry and exit temporary construction driveways. All construction vehicles will enter and exit the site in a forward direction.

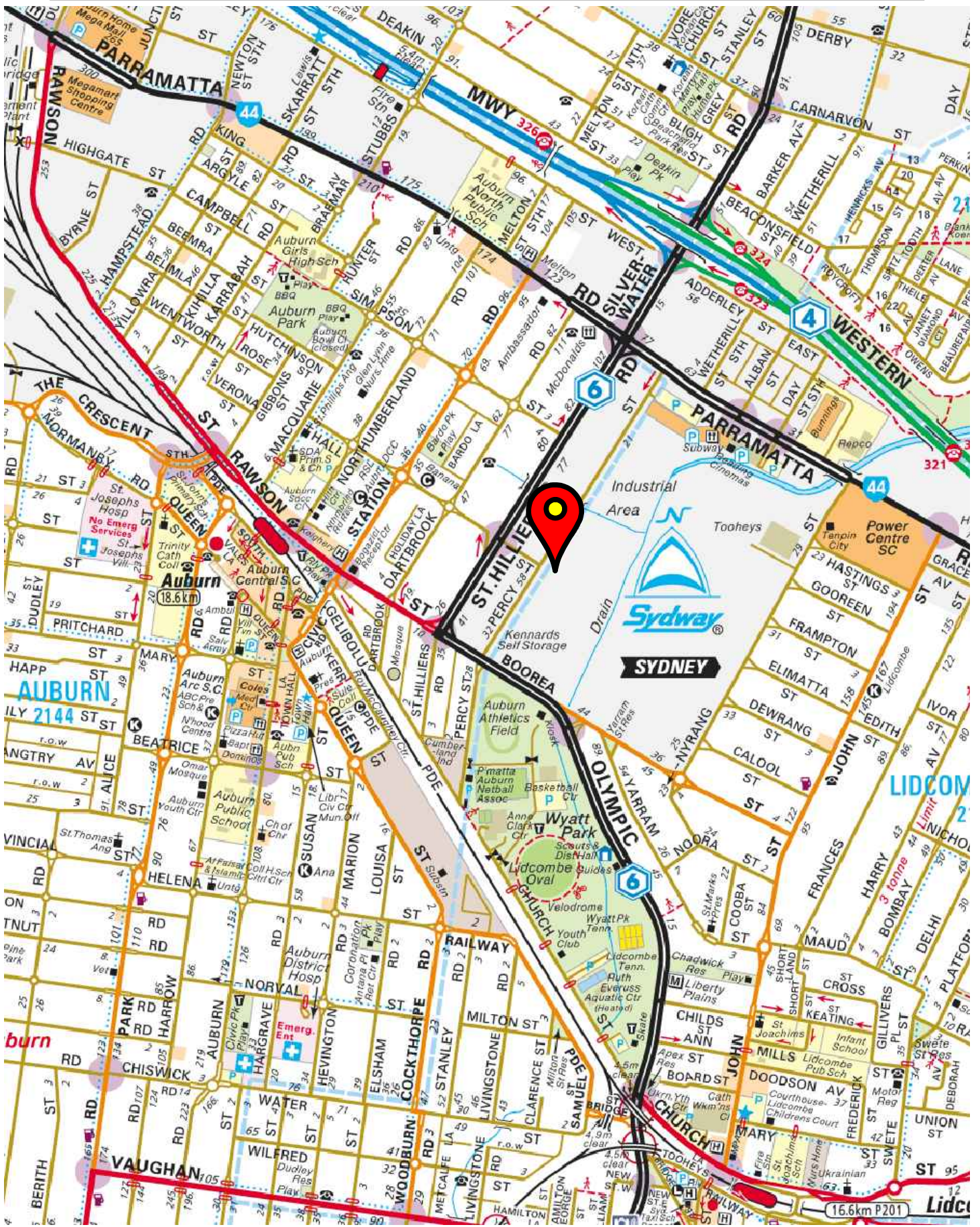
- 2.25 Construction worker numbers will vary over the construction period, but would be generally be some 50 to 150 workers. Construction workers will be able to park on the site, as parking areas become available.

Draft Construction Traffic Management Plan

- 2.26 The draft traffic management plan for construction of the proposed development is presented below. It includes the principles of traffic management and is subject to SafeWork NSW requirements, as well as survey and final design.
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- 2.27 The builder/contractor, once appointed, will be responsible for preparation of a detailed construction traffic management plan, to incorporate these principles and refine the construction methodology, staging and timing.
- 2.28 Site operations, signage, construction fencing/hoarding, overhead protection, safety barriers and line marking detail will be provided in accordance with Australian Standards and the TfNSW Manual for Traffic Control at Work Sites. A copy of the traffic management plan will be kept on-site at all times. Signage details, traffic management, the control of pedestrians in the vicinity of the site, and the control of trucks to and from the site will be the responsibility of the site contractor.
- 2.29 The draft construction traffic management plan includes the following:
- all construction activity to be provided for on-site;
 - construction vehicle access to be provided from Percy Street, via temporary construction access driveways;
 - where required, the movement of trucks on and off the site to be managed and controlled by traffic controllers in accordance with a safe work method statement and appropriate traffic control plans;
 - truck movements to and from the site to be restricted to the designated truck routes shown in Figure 2;
 - trucks to enter and exit the site in a forward direction;
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- ❑ minimise loss of on-street parking in Percy Street;
 - ❑ Class A construction fencing, and overhead protection where required, to be provided adjacent to the site frontages;
 - ❑ openings to be provided in the construction fence for access to the site for construction vehicles;
 - ❑ construction access driveways to be managed and controlled by qualified traffic controllers;
 - ❑ traffic controllers to ensure that the construction access driveways are kept clear at all times, to allow trucks unobstructed access to the site;
 - ❑ the management of the site works will be the responsibility of the site contractor;
 - ❑ pedestrian activity across the site access driveways will be managed and controlled by traffic controllers where required;
 - ❑ pedestrian warning signs to be utilised in the vicinity of the site;
 - ❑ pedestrian arrangements, construction activity and erection of safety fencing will be provided in accordance with SafeWork NSW requirements; and
 - ❑ construction signage to be provided in accordance with Australian Standards and the TfNSW Manual for Traffic Control at Work Sites.
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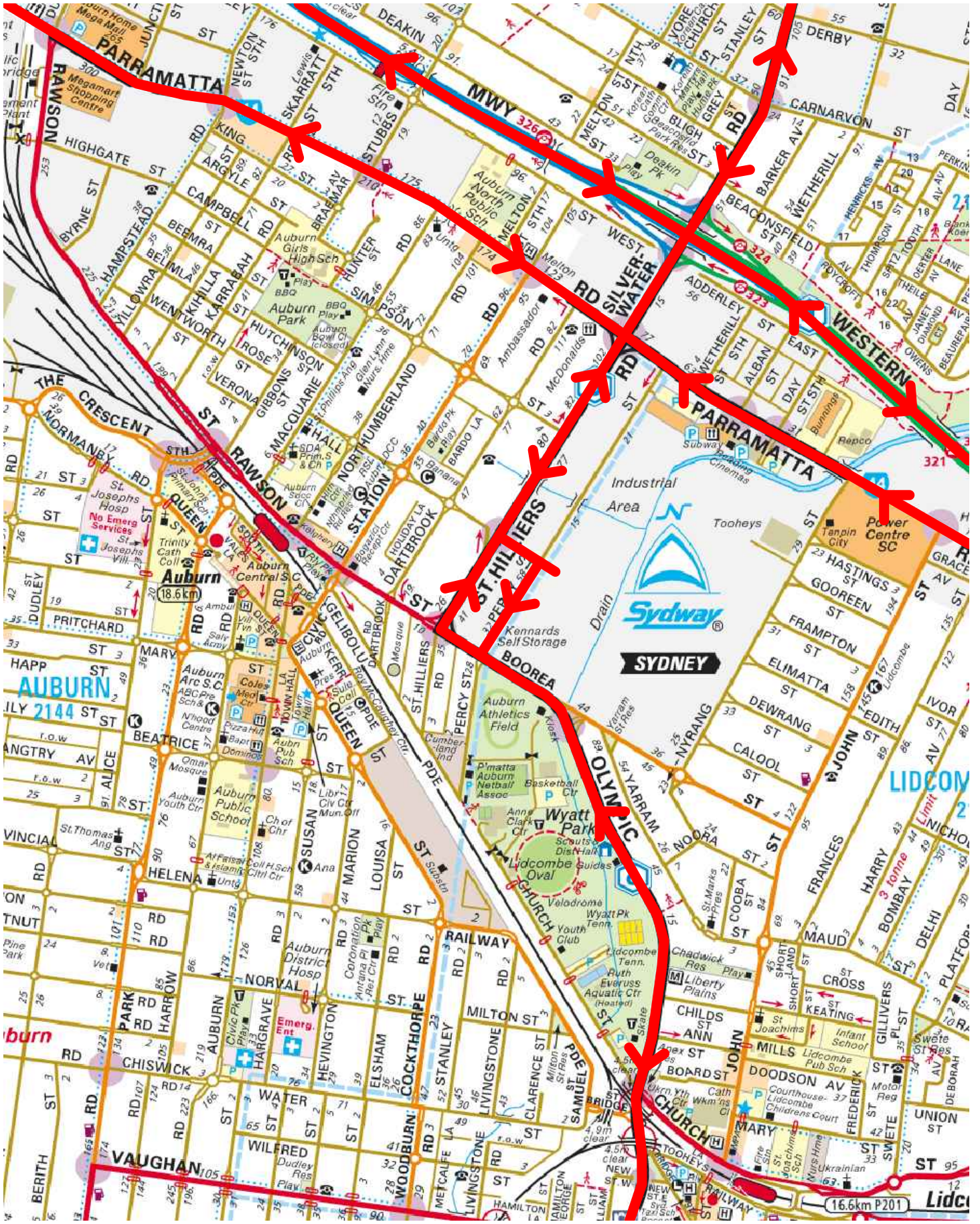
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Location Plan

Colston Budd Rogers & Kafes Pty Ltd

Drawn By: CBRK Pty Ltd_hs Ref: 11555 10.08.2020

Figure 1



Truck Routes