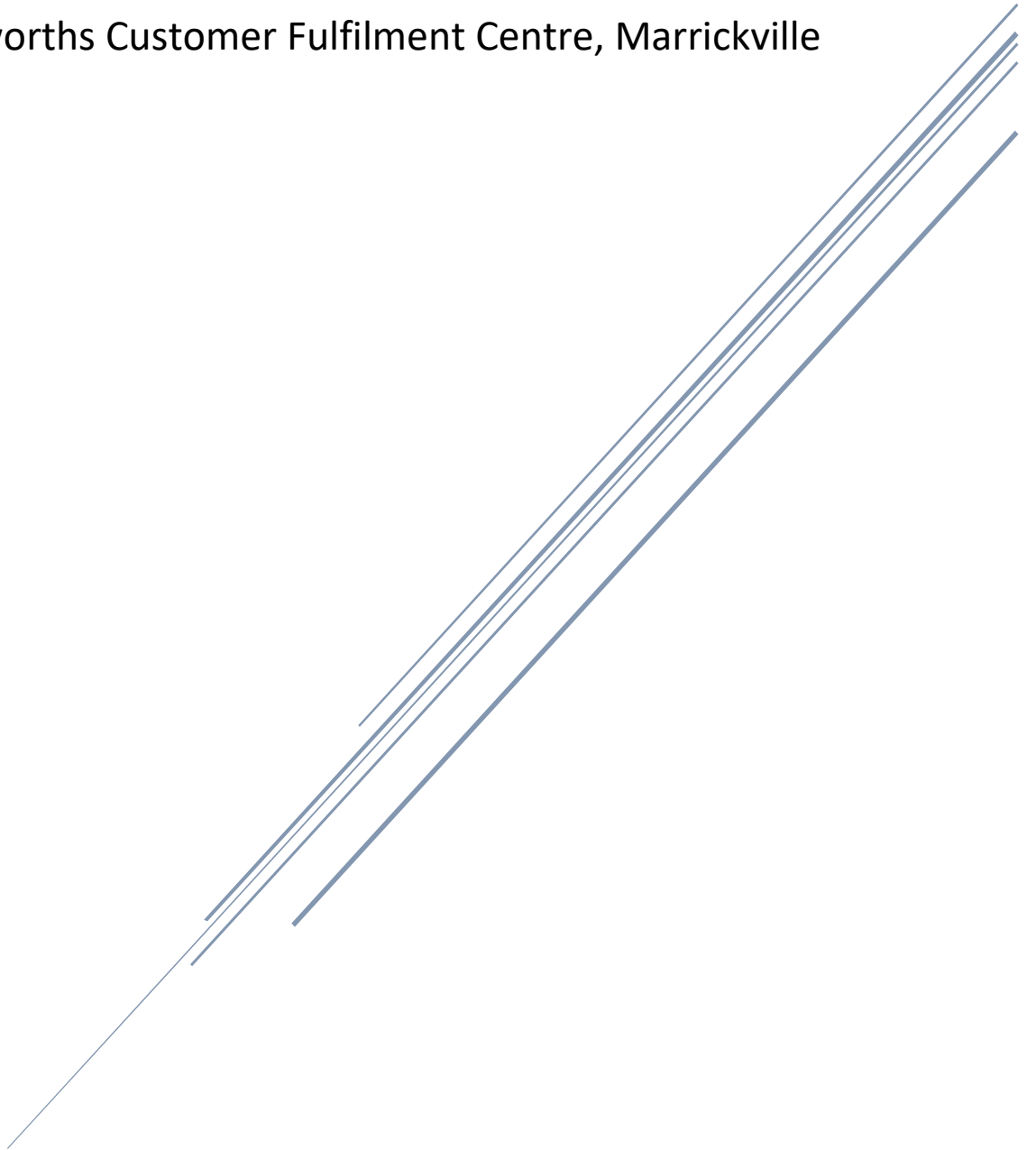


Appendix M Flood Emergency Response Management Plan

Woolworths Customer Fulfilment Centre, Marrickville



Details	Title	Name	Signature	Date
Prepared by	Site Engineer	Subhash Ahir		10/10/2022
Reviewed by	Project Manager	Ryan Bonakey		10/10/2022
Approved by	Demolition Manager	Sarkis Elias		10/10/2022

FERMP - Revision Control

DWP issue number	Date Issued	Amended Page(s)	Action / Amendment Description	Approved By
1	02/11/2022	5	Clause 5.3 Activation	Greg Banks

FERMP – Review

Date Reviewed	Reviewed By	Required Revision (Record Section Numbers where changes occurred)

FERMP Controlled Document Distribution

Issued to	Name and Organisation	Date	Issued By

1.0 DESCRIPTION OF SITE

The Site is described as Lot 202 in DP 1133999, Lot 3 in DP 318232 and Lot 3 in DP 180969, commonly known as 74 Edinburgh Road, Marrickville (see Figure 1). The Site has an area of approximately 27,315sqm and has frontages to both Edinburgh Road (north) and Sydney Steel Road (east).

The key elements within and surrounding the Site include:

- The Site is located within the industrial area of Marrickville and currently accommodates several large freestanding industrial buildings and associated car parking and loading areas
- Vehicular access to the Site is via an existing entry and exit driveway at the Edinburgh Road frontage. Access is also available from Sydney Steel Road
- The Site contains minimal vegetation which is fragmented by buildings and areas of hardstand surfaces. Vegetation is limited to scattered trees and shrubs within the Site and planted within the nature strip
- Is located within 1km of Sydenham Railway Station, which is currently being upgraded as part of the Sydney Metro Chatswood to Bankstown metro line, and
- The Site is well positioned in terms of access to arterial and main roads, public transport modes of bus and rail, Sydney Airport and the retail centre of Marrickville.



Figure 1 Aerial View of the Site

2.0 THE SITE AND THE SURROUNDING CONTEXT

The Site is well positioned in terms of access to arterial and main roads, public transport modes of bus and rail, Sydney Airport and the retail centre of Marrickville. The Site is located on the northern periphery of the Sydenham Precinct which is part of the Sydenham to Bankstown Urban Renewal Corridor, earmarked for significant employment growth.

The Site also forms part of a large industrial precinct bounded by Edinburgh Road to the north, Railway Parade and the railway line to the east, Marrickville Road/the railway line to the south and Meeks Road/Farr Street/Shepherd Street to the west. The Industrial precinct includes:

- Large free stranding industrial buildings
- Industrial estates including smaller individual warehouse buildings to the south and east
- Manufacturing, freight and logistics uses and includes storage facilities, car smash repairs, warehousing and factories

The Marrickville Metro Shopping Centre also lies to north of the Site. Residential uses are well separated from the Site to the south and east. The Site is also physically separated from residential dwellings to the north and north-west by Edinburgh Road.

3.0 PROJECT DESCRIPTION

The proposed works comprise the following:

- Demolition of the existing buildings associated structures and landscaping.

4.0 EXISTING FLOOD AND DRAINAGE BEHAVIOUR

Floodwaters enter the site via Edinburgh road as well as surcharge from a pit on the Sydney Water owned drainage culvert passing through the site. The site is subject to flood inundation during storm event greater than the 2 year average recurrence interval. Once flood inundation has occurred, the flows continue along the North-western Boundary and eventually flow into adjoining properties via a dedicated overland flow path. During a storm event, the maximum depth of flow within the site is less than 500mm.

The flood hazard categorization of the existing site is “low hazard”.

5.0 EVACUATION OF SITE

5.1 EVACUATION ROUTE

Referring to the Marrickville Valley Floodplain Risk Management Study, evacuation from the Marrickville Industrial area of which the site is a part will be very difficult as the area is expected to be significantly inundated within 30mins of a flood events.

The site is located within the outer regions of the Industrial area and therefore evacuation of the occupants within the site is feasible. Occupants with vehicles should exit the site via the North Western Driveway and head further northwest towards Victoria Road. At the intersection, vehicles can continue West onto Victoria Road and left onto Black Street and continue along the flood evacuation route shown in Figure 2 below.

Pedestrian traffic can evacuate via the North Western driveway and towards Bourne street and eventually continue North towards Black Street. It should be noted that there is no dedicated pedestrian crossing facility to cross Edinburgh Road at the driveway and no kerb ramp access onto Bourne Street.

Evacuation from the site should be carried out in safe and organised manner and undertaken early within the flood event (prior flood waters isolating the area). Do not try to evacuate via flood waters. If all evacuation could not be carried out on time and the development has been flooded, it is safer to stay within the site at a high-level refuge as the site is expected to be a low hazard area including during a flood event. If people do become trapped by rising flood waters without access to a flood refuge, emergency evacuation will be required.

In this case, contact State Emergency Services (SES) on 13 25 00.

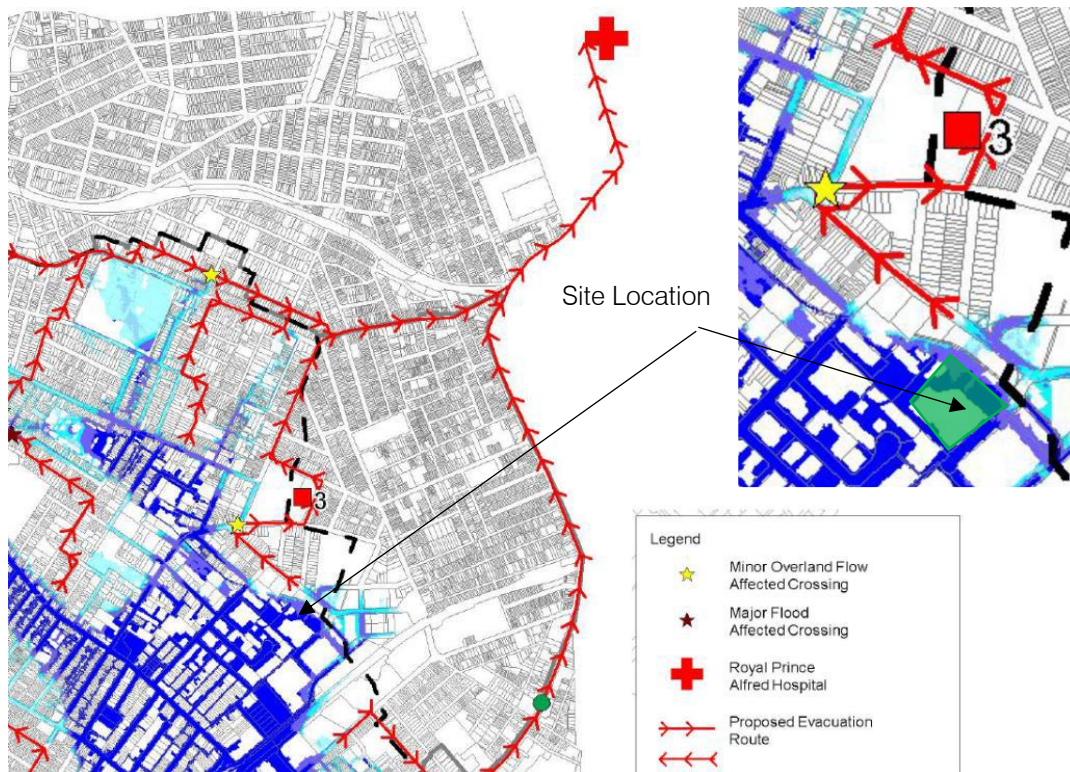


Figure 2 flood Evacuation Route

5.2 STAFF EDUCATION

All staff are to be informed and made aware of the evacuation route mentioned above. This plan will form part of the site induction for the proposed development site.

The site HSEQ Officer (HSEQ) will be responsible for:

- a) Liaising with other services such as NSW Police and State Emergency Services (SES)
- b) Directing flood monitoring
- c) Damage minimisation measures
- d) Co-ordination of evacuation as required.

5.3 ACTIVATION

The HSEQ Officer shall activate this plan based on the Flood Warning Announcement from the local authority. The Flood Wardens are required to monitor SES, Council announcements and local radio in an event of severe weather forecast.

The HSEQ Officer is to carry out the following tasks once the plan is activated:

- a) Monitor flooding and water levels in the area, on Edinburgh Road, ground level parking area within the site along Edinburgh Road, and along the site boundaries
- b) Maintain contact with SES.
- c) Using information obtained from the SES, Council and/or local radio to make decisions on the following:
 - Install barriers in designated areas where infrastructure may be at risk.
 - Evacuate on-site personnel and patrons away from the flood zone using flood evacuation route shown in Figure 2 above.