



# BARTON SECTION 6 BLOCK 23

10 Brisbane Avenue, Barton  
Waste Management Report

This report has been prepared by the office of  
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## 1.0 Introduction

John Randall Consulting was engaged by Spiire to prepare the Waste Management Report for the proposed office development on Barton Section 6 Block 23.

This report considers the following:

- The proposed developments commercial waste and recycling generation; and
- Collection vehicle access to the waste enclosure

## 2.0 Site Location

The site is located off Brisbane Avenue, Barton as detailed in Figure 1.



Figure 1: Site location (source: ACTmapi 2022)

## 3.0 Waste Reference Code

The reference document for this report is the [Development Control Code for Best Practice Waste Management in the ACT 2019](#).

## 4.0 Proposed Development

The proposed development comprises

- Offices, meeting rooms, auditorium of 14,488 sqm over 8 levels of the building
- Limited ground level carparking
- Two basements for carparking

## 5.0 Waste and Recycling Generation Rates

The [Development-Control-Code-for-Waste-Management-2019](#) provides commercial waste and recycling generation rates. These rates have been applied to the proposed development and are indicated in Table 1 below.

Commercial	Waste Generation Rate	Recycling Generation Rate
Offices	20L/100m2 floor area/day	25L/100m2 floor area/day

Table 1: Waste and recycling generation rates (source: Development-Control-Code-for-Waste-Management-2019)

In summary the total waste generation for the development, based on a 5 day per week office occupancy, is (refer appendix B for calculations):

SUMMARY OF WASTE & RECYCLING GENERATION & COLLECTION		
Office Waste	14.488cum per week	4 x 2cum Hoppers collected twice weekly
Office Recycling	18.110cum per week	9 x 1.1cum Hoppers collected twice weekly

Table 2: Summary waste and recycling generation and hopper collection

## 6.0 Waste and Recycling Enclosure

A waste room of size 12.9m x 4.55m to house the required number of waste and recycling hoppers is located on the eastern side of the building as detailed in Figure 2.

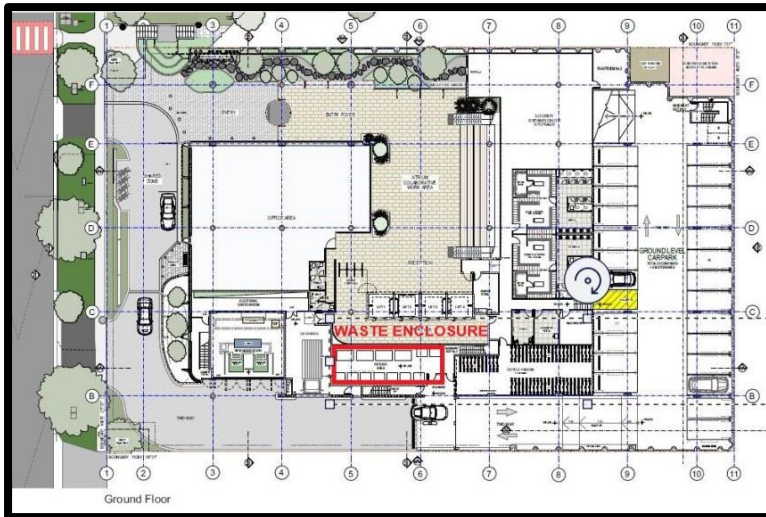


Figure 2: Waste enclosure (source: Willemsen 2022)

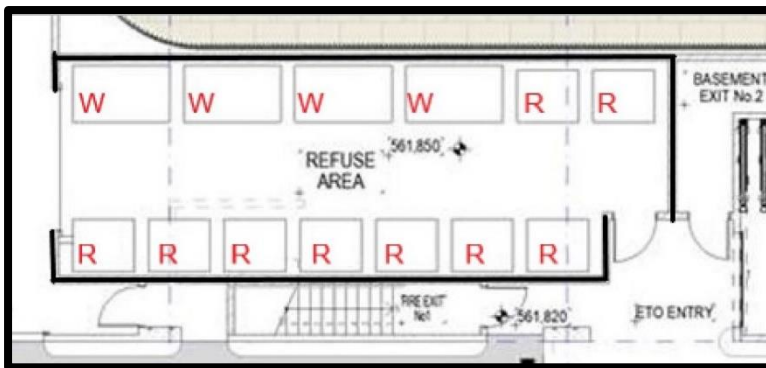


Figure 3: Hopper arrangement (source: Willemsen 2022)

The waste and recycling would be moved from each floor of the building via the lift and deposited in the hoppers external to the building.

## 7.3 Collection Vehicle Operations

Collection vehicle operations are in accordance with the requirements of the *Development Control Code for Best Practice Waste Management in the ACT 2019*. Forward entry to and forward exit from the block is provided for both collection vehicles. Reversing within the block would be required.

Commercial waste and recycling is proposed to be collected twice weekly.

Turning movements for the waste and recycling collection are shown in Figure 3 and on Spiire's Turning Path Layout Plan numbered 309518CA010Rev A.

The overhead height for the front load waste truck operation area is approx. 9.0metres as detailed in figures 4 and 5 and exceeds the requirement of 6.80metres stipulated in Table A6.1 of the *Development Control Code for Best Practice Waste Management in the ACT 2019*.

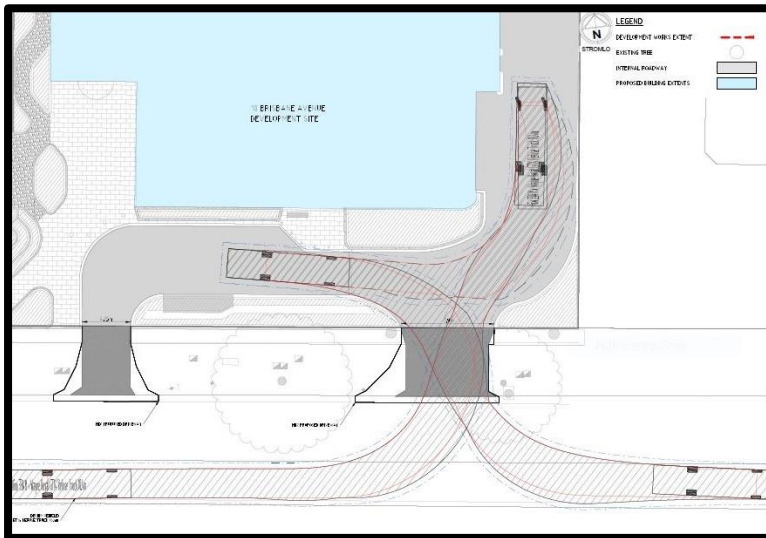


Figure 4: Waste truck operation clearance (Source: Spiire 2022)

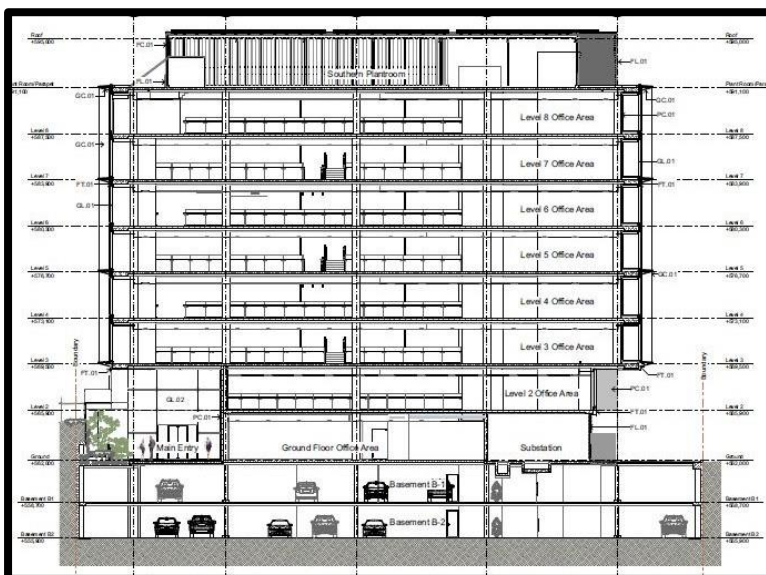


Figure 5: Section through building near waste enclosure (source: Willemsen 2022)

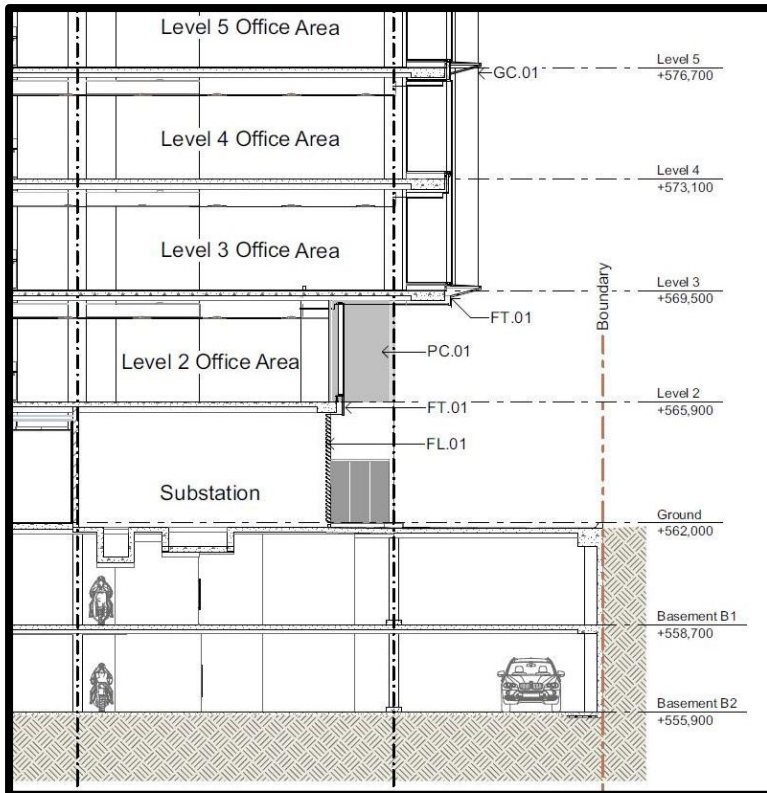


Figure 6: Section through building near waste enclosure detailing operation height (source: Willemsen 2022)

## 8.0 Conclusion

The proposed waste management process for the development has been designed principally in accordance with the [Development Control Code for Best Practice Waste Management in the ACT 2019](#).

The waste and recycle management for the proposed development is recommended for endorsement by TCCS.

## **APPENDIX A – Waste and Recycle Management Plan Form**





# APPENDIX C – Vehicle Turning Movement Drawing

