

ITE Consulting
ABN: 45657586949
34 Flamingo Crescent, Thornlands
4164
Brisbane
Contact: 0424110122
Email: herman@iteconsulting.com.au

BCC DS
RECEIVED
13/03/2026
APPLICATION REF
A006904370

13 March 2026
Ref: ITE0252

Attention:
Josh Daley

RE: Response to Information Request Letter – 3 to 9 Byron Street

I refer to the proposed development on 3-9 Byron Street and this letter forming a response to the Information Request from Brisbane City Council dated 17 February 2026. The following has been prepared to assist in responding to the traffic engineering items raised and, for ease of review, the relevant items are reproduced and responded to directly below. In preparing this advice, reference has been made to updated Architectural plans prepared by Mode.

Quality Information

Document	3-9 Byron Street Traffic Response Letter
Ref	A006904370
Date	13/03/2026
Prepared by	Herman Joubert MEng CEng CPEng RPEQ
Reviewer and Approver	Herman Joubert MEng CEng CPEng RPEQ

1. Introduction

This response deals with the traffic engineering matters raised by council in the RFI letter dated 17 February 2026. Traffic engineering and waste design advice has been incorporated into preparing this response in order to ensure efficiency and safety will be achieved, given the proposed development scale and intensity.

2. BCC RFI Items

Waste Management

7. *The changed proposal has removed the residents' access to the Bin room, therefore requiring residents to go down to the basement and up the stairs to dispose of their recycling. Provide amended plans in accordance with AO32/PO32 of the Multiple dwelling code and AO8.1 & AO8.2/PO8 of the Infrastructure design code to show the following:*

- a) *A diverter to provide convenient disposal of recycling for residents and to achieve source separation between general refuse and commingled recycling*
- b) *Include details of the refuse storage room including chute and the dimensions of the bin room, gradients, aisle width and reference to the speed bump.*

3. ITE Response Assessment

Waste Management

The waste management system for the proposed development has been amended to incorporate a recycling diverter within the central waste chute system, thereby addressing the requirements of AO32/PO32 of the Multiple Dwelling Code and AO8.1, AO8.2 / PO8 of the Infrastructure Design Code.

Recycling Diverter and Source Separation

The updated design includes a single waste chute with an integrated recycling diverter mechanism which allows residents to separate general refuse and commingled recycling at the point of disposal.

Waste and recycling disposal will occur as follows:

- The waste chute system is accessible from Level 2 to Level 5 via waste hoppers located within each floor plate.
- The chute incorporates a diverter system enabling residents to select either general refuse or commingled recycling, ensuring source separation prior to reaching the waste storage room.
- The diverter directs waste streams into separate bulk bins located within the basement waste storage room, maintaining appropriate separation between waste and recycling.

This arrangement ensures that residents can conveniently dispose of both waste streams without entering the bin storage room, which is considered a safer operational arrangement.

Level 1 Resident Access

The development includes three residential units on Level 1 which do not have direct access to the chute hopper on their level. Residents from Level 1 will dispose of waste and recycling via the Level 2 chute hopper, which represents a single level vertical transfer distance. This arrangement is consistent with the intent of waste management provisions applied within the Brisbane City Council planning framework, which allows for residents to transfer waste to another level where the vertical travel distance is less than six storeys. Accordingly, the arrangement is considered convenient and reasonable for residents and does not create any unreasonable burden on waste disposal practices.

Waste Storage Room Design

The basement waste storage room has been designed to accommodate the required bulk bins for both waste streams and includes the following features (as illustrated on the amended architectural plans):

- A dedicated waste chute discharge point connected to the recycling diverter system.
- Separate bulk bin storage area for general waste and commingled recycling.
- Adequate aisle and door widths to allow safe manoeuvring of bins during collection and servicing.
- Internal gradients designed to facilitate safe bin movement.
- A speed bump located at the waste collection interface (prior to the 1:8 transition) to ensure safety for waste collection operations.
- Sufficient internal dimensions to allow safe storage and manoeuvring of bins. The waste storage room measures 4.710m x 4.730m (22.27m²).

The design ensures the waste storage room is safely accessible for building management and waste collection personnel only, while preventing resident access in order to minimise potential safety conflicts between residents and servicing activities (waste chute and diverter system).

Compliance with Relevant Codes

The amended waste management design achieves the following:

- Convenient access to waste and recycling disposal for residents via the chute system.
- Source separation of general refuse and commingled recycling at the point of disposal through the diverter mechanism.
- Safe operation of the waste storage room by restricting resident access.
- Provision of appropriate waste storage room dimensions and operational features consistent with servicing requirements.

Accordingly, the proposal is considered to comply with the intent of:

- AO32 / PO32 – Multiple Dwelling Code
- AO8.1, AO8.2 / PO8 – Infrastructure Design Code

The amended plans submitted with this response illustrate the recycling diverter, chute configuration, and detailed waste storage room layout including relevant dimensions, gradients, aisle widths and operational features.

4. Summary

In summary it was found that the proposed layout and waste management design outcomes would be safe and functional and compliant with relevant council policies and standards. I trust that the above and attached are clear and assist Council with their review. Should you have any questions, please feel free to call me to discuss.



13/03/2026

Approved by:

Signed

Date

Herman Joubert
RPEQ No.: 25899