

TECHNICAL NOTE

MHL Project Number:	21144TT
Project Title:	Proposed Development, Wilton Road, Cork City
Author:	Mr. David Murphy B.Eng (Hons), M.A., MIEI
Date:	11/07/2022
Subject:	Vehicle Service/Access Strategy
Applicant'	Bellmount Developments Ltd.
MHL Document Ref:	MHL-21144TT-WILTONROAD-DOC05-SS

**Introduction**

M.H.L. & Associates Ltd. Consulting Engineers have been engaged by McCutcheon Halley Planning Consultants on behalf of Bellmount Development Ltd. to prepare a vehicle service/access strategy note to supplement a SHD planning application for a proposed student accommodation complex, located adjacent to Wilton Road/ Orchard Road. A vacant building currently occupies the site. This technical note addresses the possible service strategy for likely service vehicles accessing the site. For full details on the emergency and fire access requirements please refer to CKFire (Appointed Fire Consultants) for Fire Safety and Disability Access Certification (DAC) related to this application.

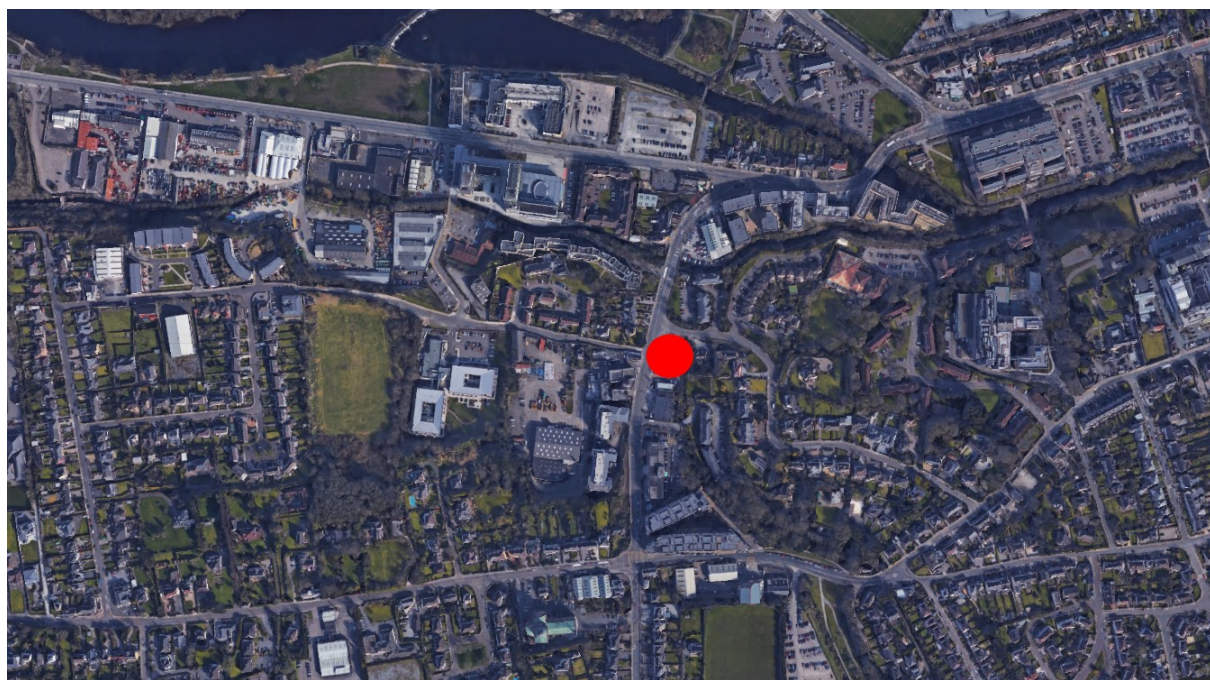


Fig 1. Site Location (Google Earth)

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Fig 2. Existing Site (Google Earth)

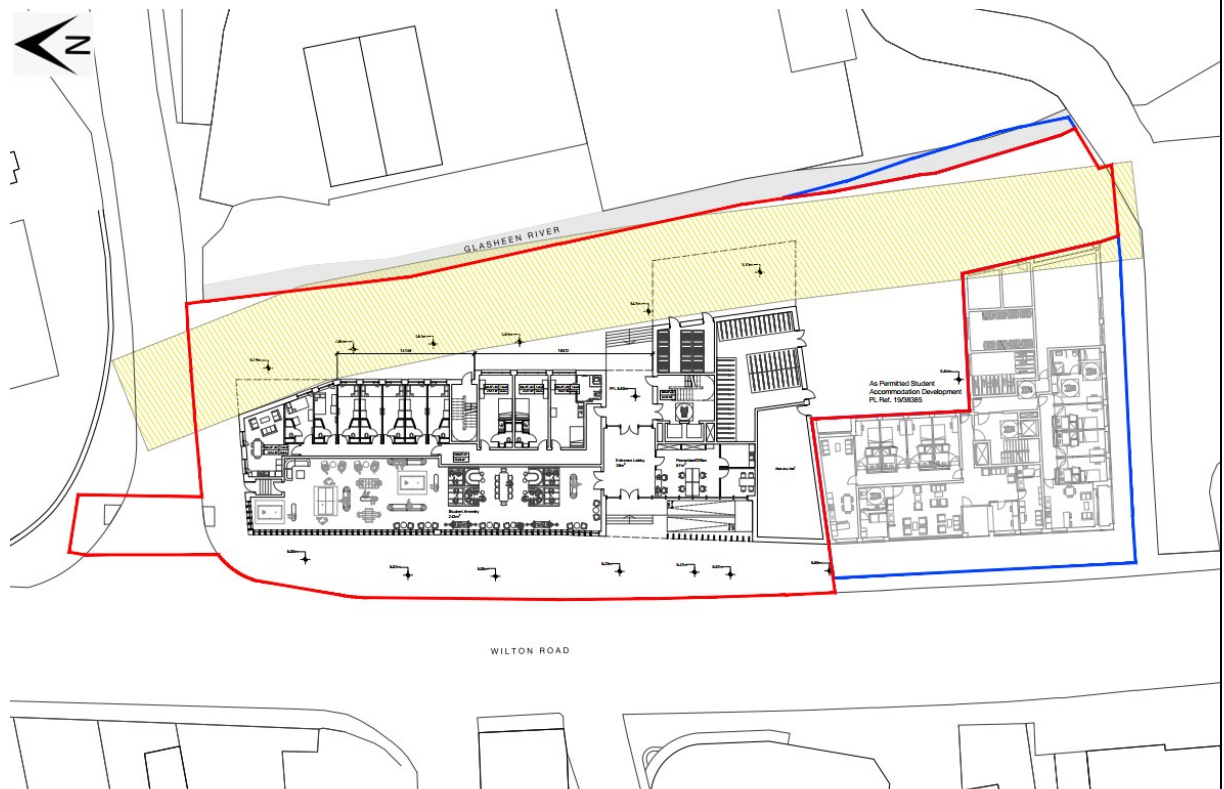


Fig 3. Proposed site (BUTLER / CAMMORANESI)

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SERVICE / EMERGENCY VEHICLE ACCESS STRATEGY

Access requirements

Connectivity throughout the scheme is heavily weighted towards the pedestrian. Access for certain service / emergency vehicles is necessary for the future management of the site. These are listed as follows:

ID	Location	Vehicle	Frequency
1	Emergency Access/ Laneway	Fire Tender	In the event of an emergency.
2	Emergency Access/ Laneway	Ambulance	In the event of an emergency.
3	Emergency Access/ Laneway	Sewer maintenance/ cleaning	Infrequent/
4	Emergency Access/ Laneway	Façade maintenance/cleaning	Infrequent/
5	Wilton Road	Fire Tender	In the event of an emergency.
6	Wilton Road	Ambulance	In the event of an emergency.
7	Wilton Road	Sewer maintenance/ cleaning	Infrequent/
8	Orchard Road – (on road or informal setdown)	Sewer maintenance/ cleaning	Infrequent/
9	Orchard Road – (on road or informal setdown)	Delivery/ Taxi	Daily/ Weekly
10	Orchard Road – (on road or informal setdown)	Service collection	Weekly/ Bi-weekly

This will fulfil the design aspirations of DMURs as outlined above, providing enhanced access to both our client's development and adjoining properties in the event of an emergency. Emergency/ Service vehicles would utilise the existing road infrastructure and emergency access laneway to facilitate access to the building.

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Fig 4. Emergency Access Zone

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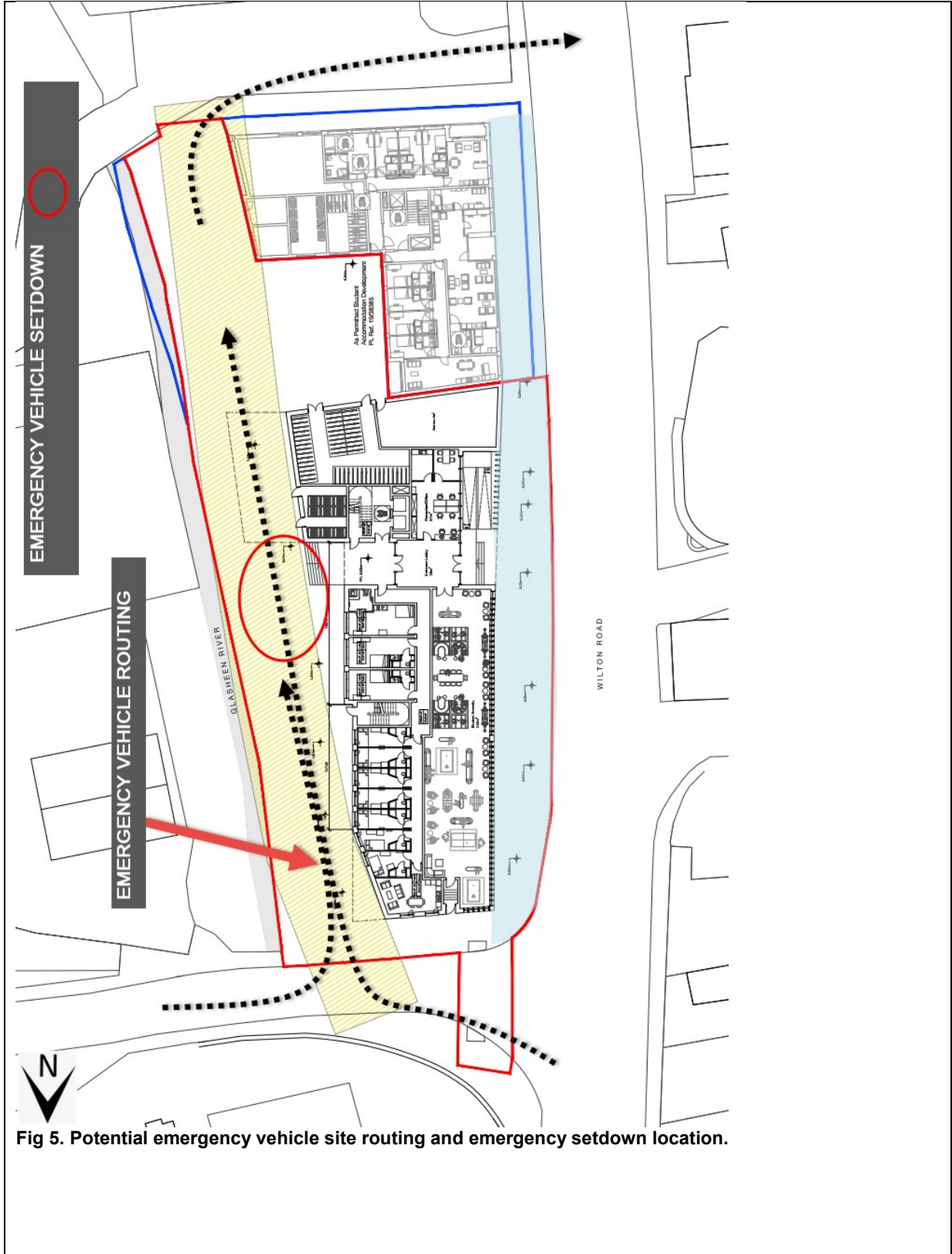


Fig 5. Potential emergency vehicle site routing and emergency setback location.

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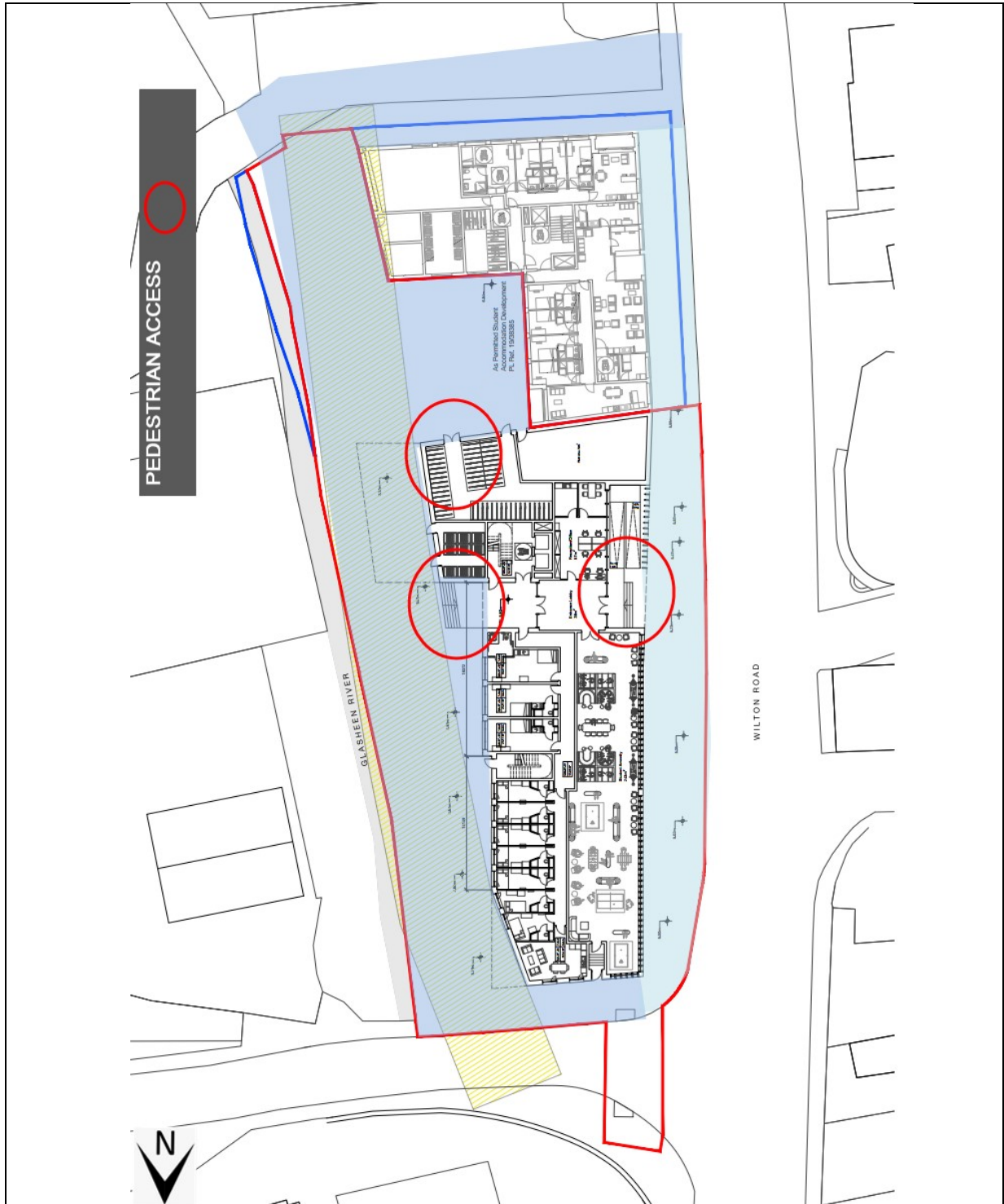


Fig 6. Pedestrian Permeability.

The integration of pedestrian facilities will increase footfall in the area. Closer interconnection will provide benefit to future residents.

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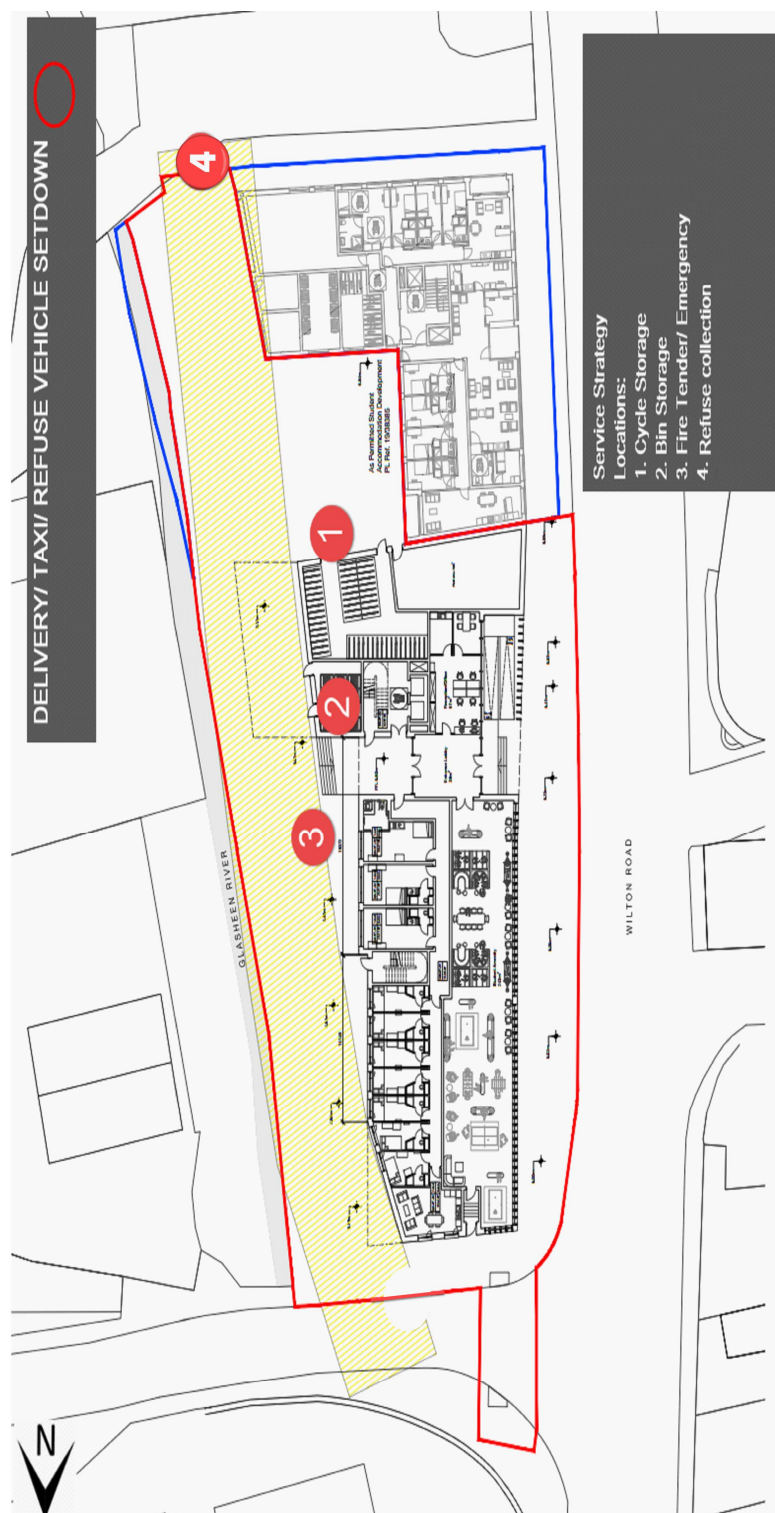


Fig 7. Proposed Service/ Emergency Locations

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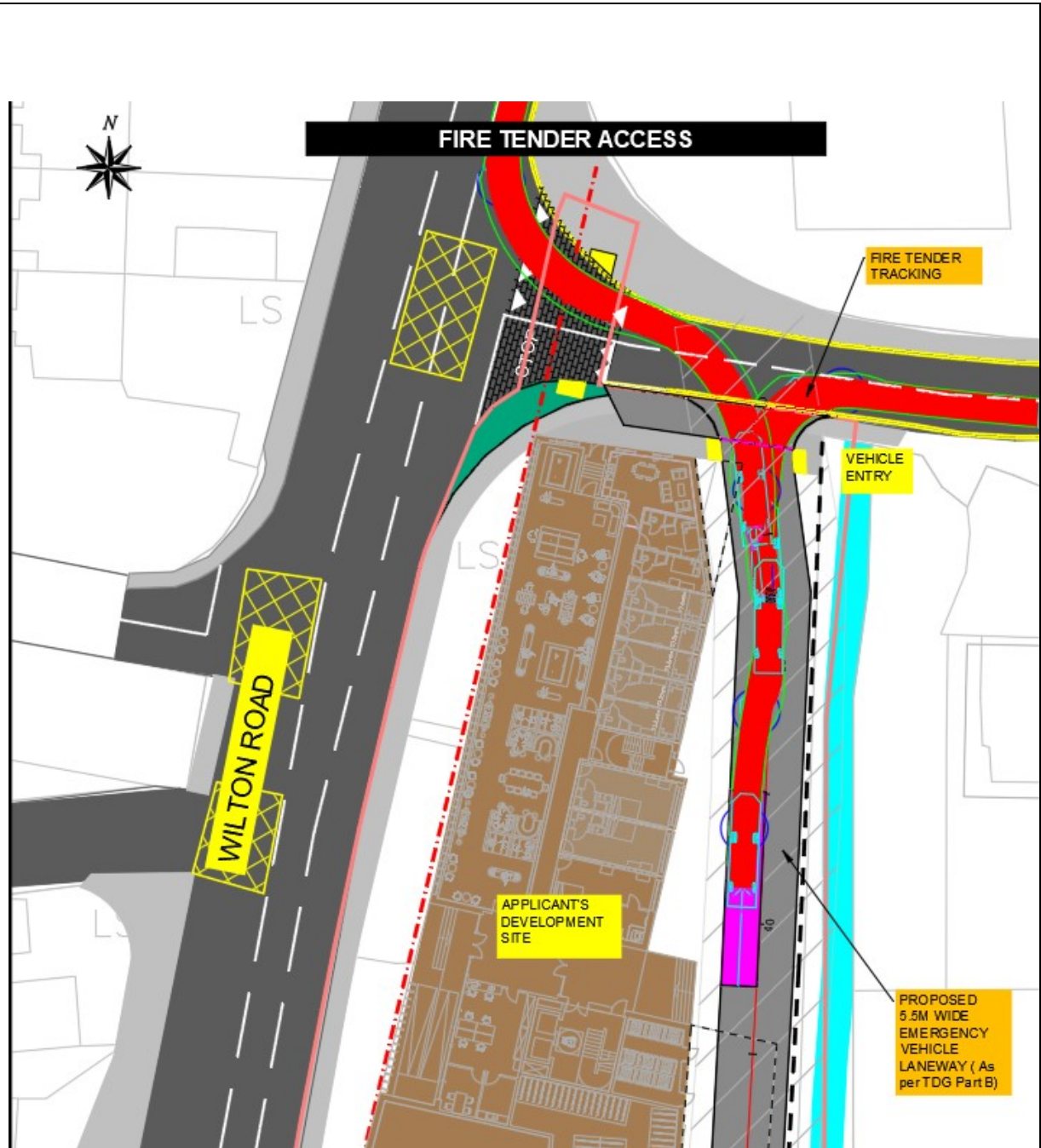


Fig 8. Proposed Fire Vehicle Access Tracking

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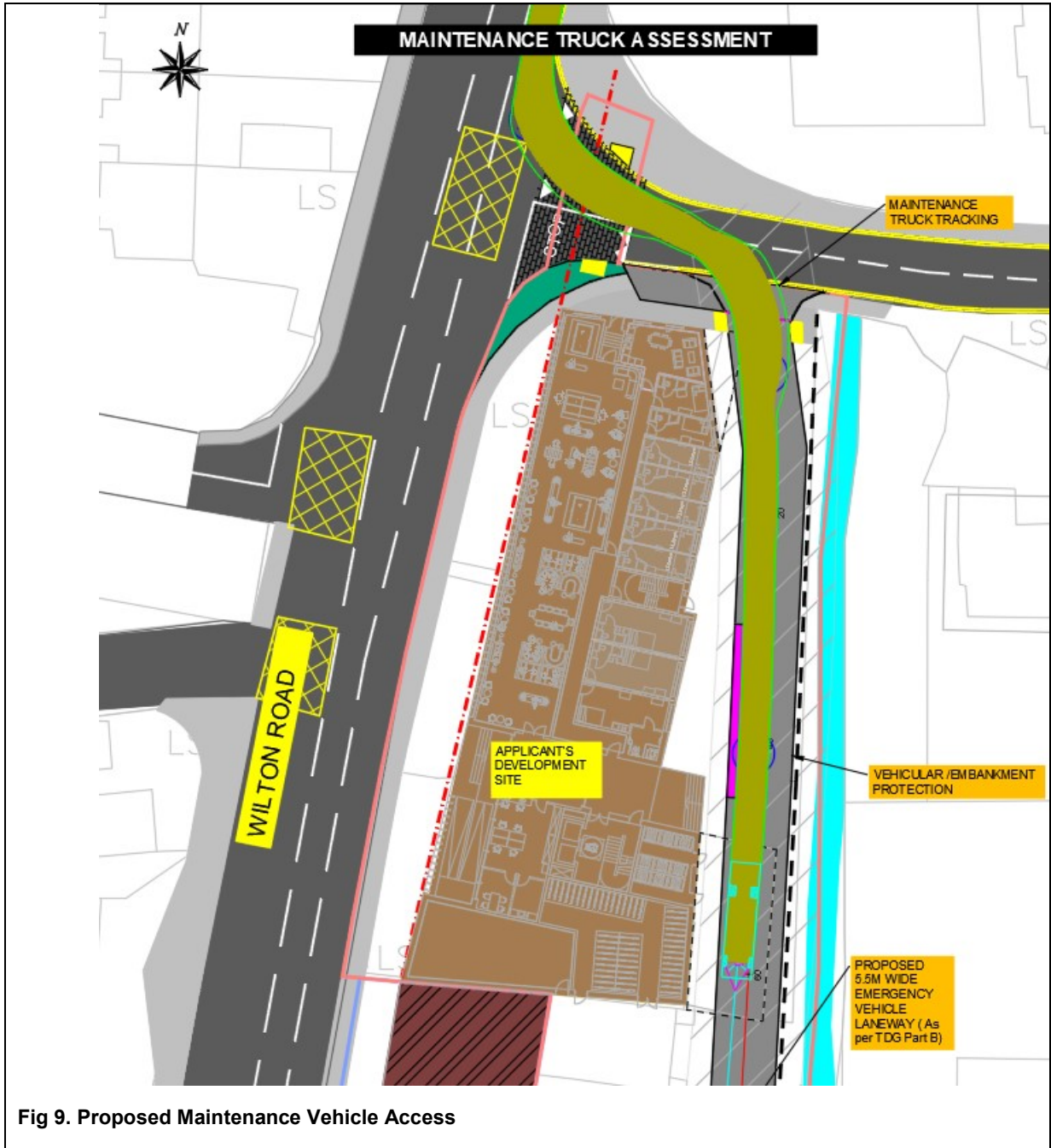


Fig 9. Proposed Maintenance Vehicle Access

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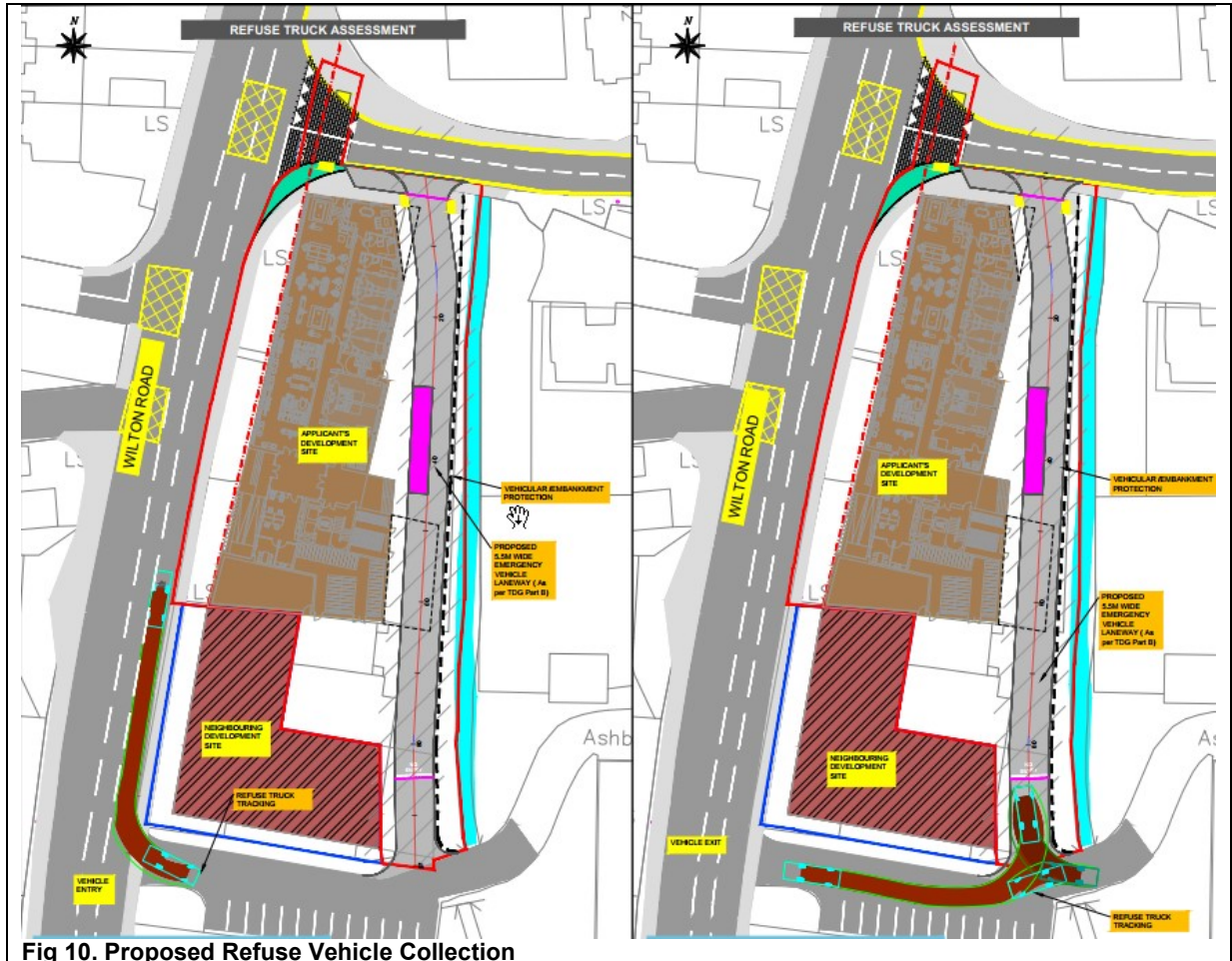
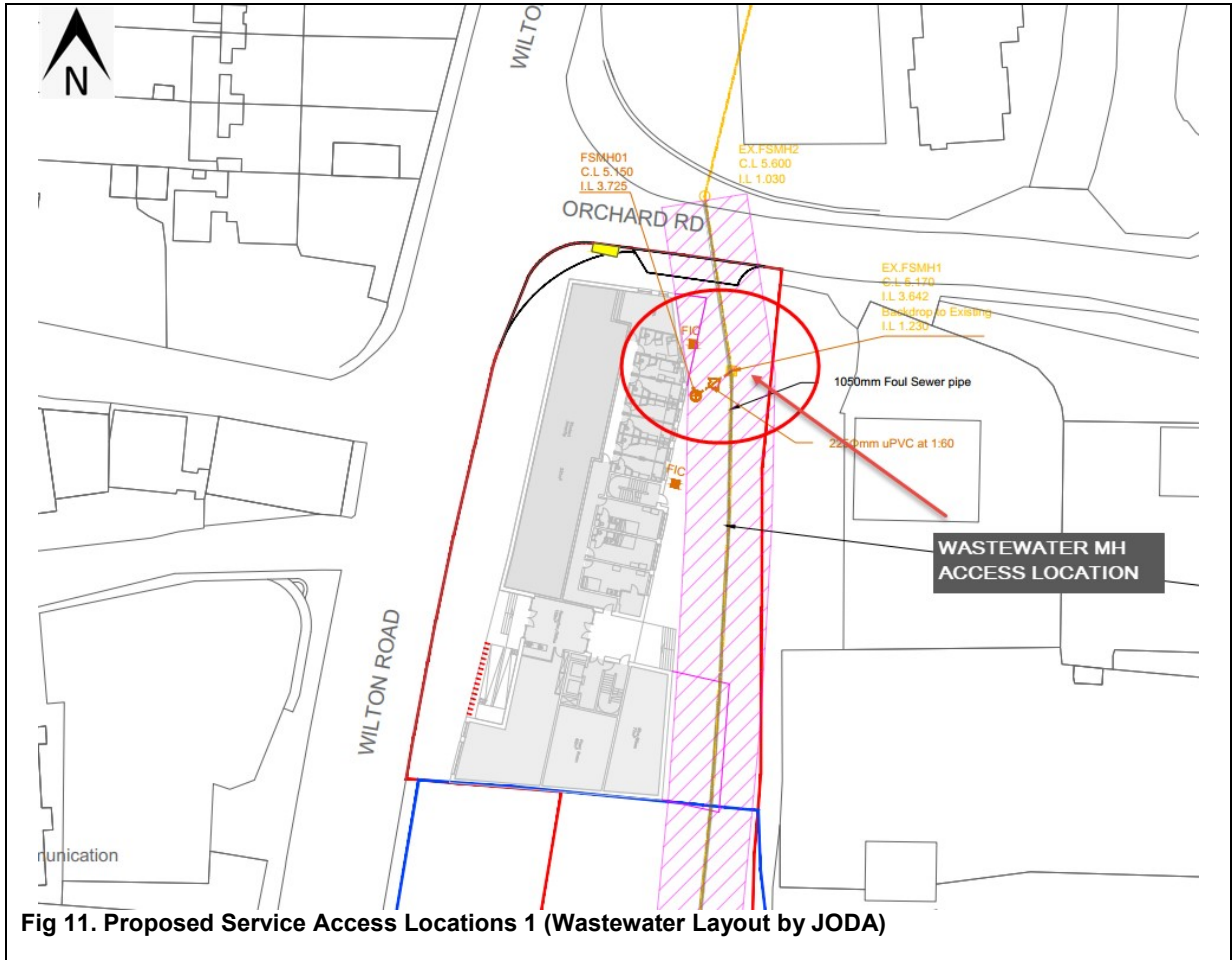


Fig 10. Proposed Refuse Vehicle Collection

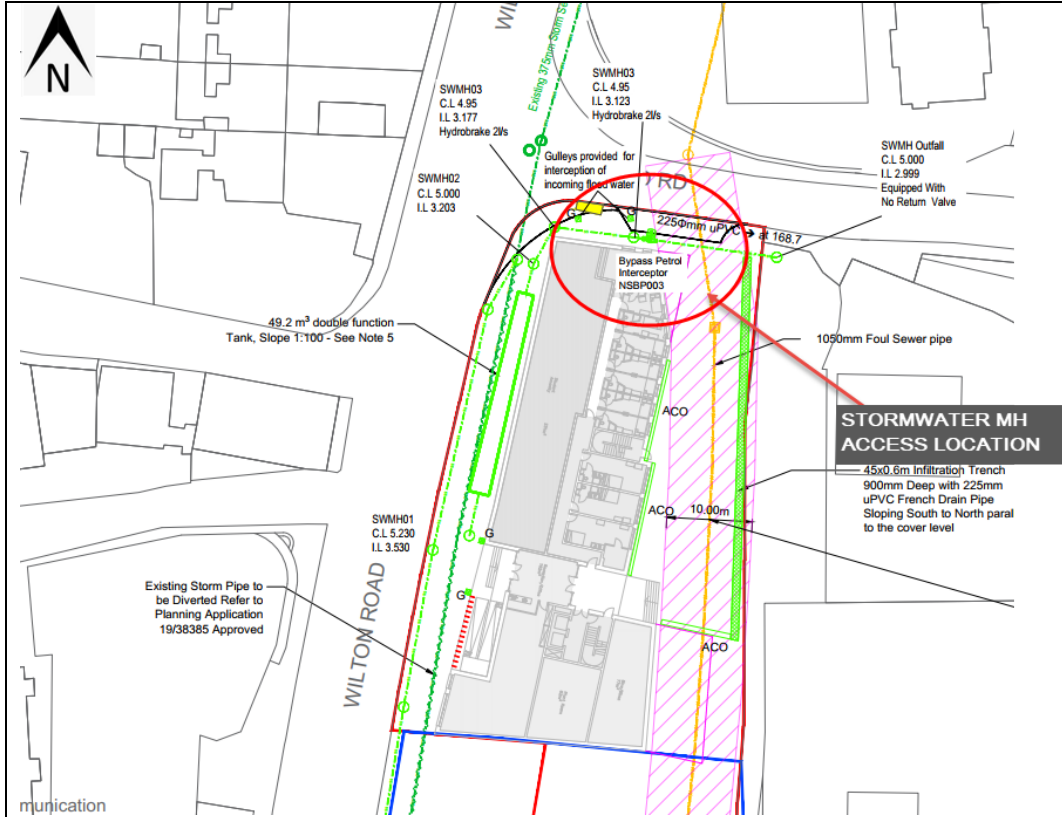
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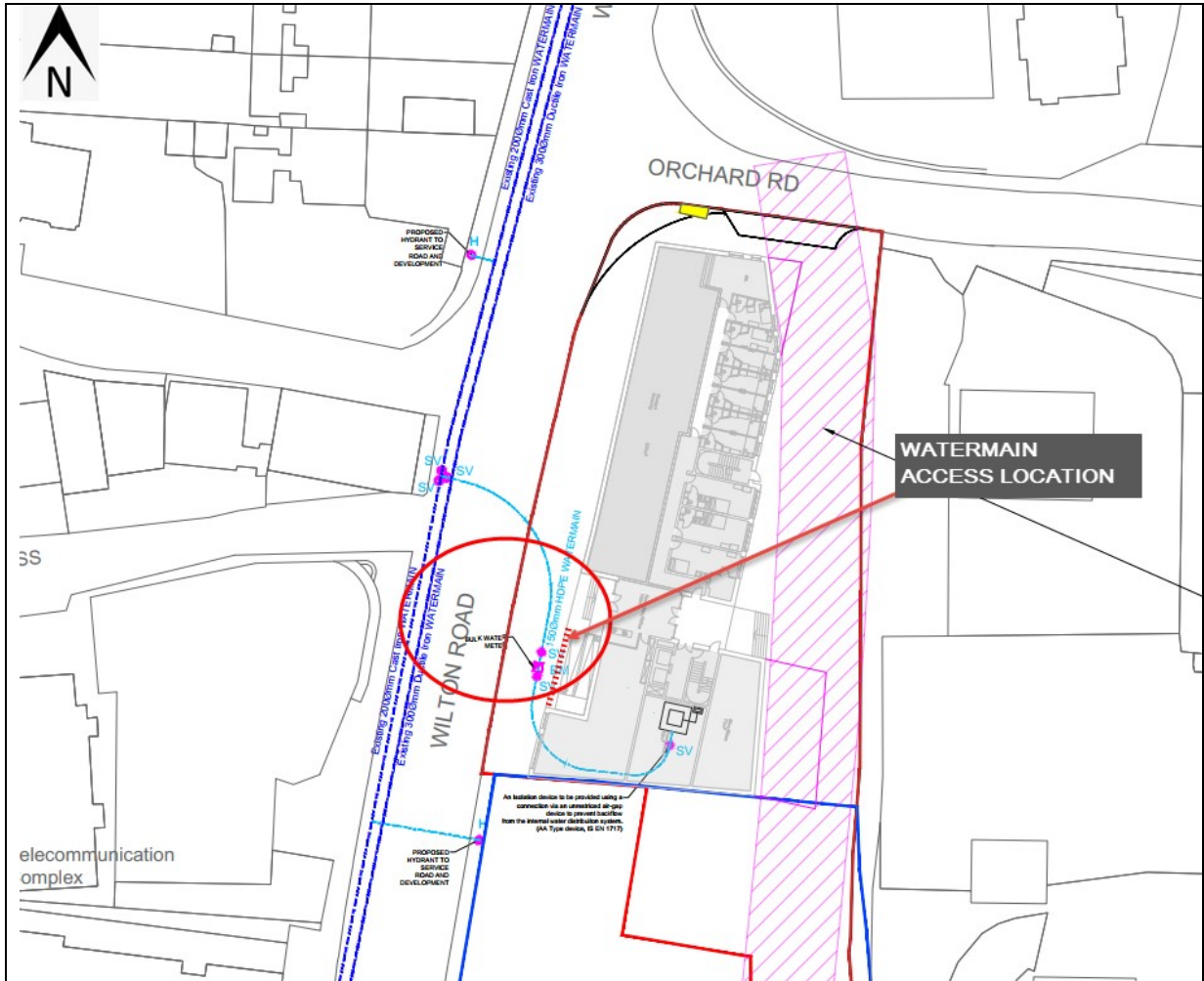


Fig 13. Proposed Service Access Locations 3 (Watermain Layout by JODA)

Please refer to the drawing proposals submitted as part of this application.