

## **DBFL Consulting Engineers**

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## Technical Note 190068-TN-101: Site at Castleforbes, Sheriff St, Dublin

Project:	Proposed Mixed-use Development, Castleforbes, Sheriff St, Dublin	Prepared by:	Prinavan Chetty
Title:	DMURS Compliance Statement	Date:	01 December 2020
Client:	Glenveagh	Job No:	180159

## 1.0 INTRODUCTION

It is DBFL's opinion that the proposed mixed-used development is consistent with both the principles and guidance outlined within the Design Manual for Urban Roads and Streets (DMURS) 2019. The scheme proposals are the outcome of an integrated urban design and landscaping strategy to create lower traffic speeds through the development and thereby facilitating a safer environment for pedestrians and cyclists. DBFL along with the rest of the design team have interrogated the DMURS principles to ensure the final layout provides a high-quality urban development in proximity to the Docks.

The following section outlines the specific design features that have been incorporated within the proposed mixed-used scheme with the objective of delivering a design that is in full compliance with DMURS.

## 1.1 DESIGN PARAMETERS

The adopted design approach successfully achieves the appropriate balance between the functional requirements of different network users whilst enhancing the sense of place. The implementation of self-regulating streets actively manages movement by offering real modal and route choices in a low speed high-quality mixed-use environment. Specific attributes of the schemes design which contribute to achieving this DMURS objective include:

a) Prioritising pedestrian movement through the development using three dedicated pedestrian entrances on Sheriff Street Upper and East Road allowing for greater permeability between Sheriff Street Upper and East Road.

- b) Setting back the development boundary to allow for the proposed widening of the existing northern footpath along Sheriff Street Upper to accommodate the anticipated increase in pedestrian activity in area.
- c) Providing clear sightlines from proposed vehicle accesses in accordance with the design speed of the street.
- d) The inclusion of street trees and associated landscaping along the northern edge of Sheriff St Upper to visually narrow the carriageway and encourage slower and safer driving practices.
- e) Introducing a signalised junction on Sheriff Street Upper and Castleforbes Road, which includes two pedestrian crossings. The design of the junction incorporates tight kerb radii to limit vehicles' speed but also allow occasional larger vehicles to manoeuvre safely through the junction, while also reducing pedestrian crossing distances.

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