



Technical Note 170063-TN-002

Project:	Residential Development at Golf Lane	Prepared by:	Nick Fenner
Title:	Aviation Compliance Note	Date:	17th Dec. 2020
Client:	Bowbeck DAC	Job No:	170063

1. INTRODUCTION

DBFL have prepared this Aviation Compliance Note to accompany a Strategic Housing Development Planning Application to An Bord Pleanala for the proposed residential development at Golf Lane, Carrickmines which consists of an element of a 22 storey tower.

2. SITE LOCATION

The site is approximately 12km south east of Dublin City Centre, as the crow flies, within the operational jurisdiction of Dun Laoghaire Rathdown County Council. The site is bounded by Glenamuck Road to the west, Golf Lane to the south east and the M50 slip lane to the north.

The proposed Development Site is located over 19km from any airport or aerodrome.

3. GUIDANCE AND LEGISLATION

A review of relevant legislation, policy and best practice guidance was undertaken to inform the technical note. The following documentation was identified as relevant to the assessment:

- International Civil Aviation Organization (ICAO) – Annex 4 (July 2009) - Aeronautical Charts
- International Civil Aviation Organization – Annex 14 (July 2009), Volume I, Aerodrome Design and Operations
- Irish Aviation Authority - Guidance Material on Aerodrome Annex 14 Surfaces (Jan 2015)
- European Aviation Safety Agency - Certification Specifications and Guidance Material for Aerodromes Design CS-ADR-DSN (Jan 2015).

As part of the review it is noted that as part of ICAO Annex 14 that Obstacle Limitation Surfaces are defined as being within 15km of the runway and therefore as the development is over 19km from any

airport or aerodrome it can be asserted that the development does not fall within any Obstacle Limitation surfaces

The focus of the above guidance documents is to ensure that the proposed development is compliant with the relevant guidelines at planning stage and the following criteria has been set out for the future procurement process for adherence by the selected contractor undertaking the building works.

In advance of works commencement, the contractor undertaking works will be responsible for notification and compliance with these criteria. The following criteria is outlined at this preliminary stage:

- The Irish aviation Authority Act (1993), S.I No. 215/2005 section 4 Paragraph (1) sub paragraph {a} states that the Aviation Authority must be notified in writing at least 30 days prior to erection of all objects, mobile or otherwise, at a height of 45 meters or greater above ground.
- Section 5 Paragraph {2} goes on to state that the licensee of any aerodrome within a 10km radius of the site must be notified in writing at least 30 days prior to erection of all objects, mobile or otherwise, at a height of 45 meters or greater above ground.

4. CONCLUSION

This technical note has demonstrated that the proposed development site does not fall within the obstacle free zone of any airport or aerodrome as it lies in excess of 15km of any runway.

It has also noted that as the development will be in excess of 45m due to the 22 storey tower element and that further criteria will need to be adhered to at the construction stage to be compliant with the Irish Aviation Authority Act (1993).