

Application to Discharge Condition 20 (for the Entirety of the Development) Attached to Planning Permission 132366/JO/2021 – Land to the South of Wilmslow Old Road and West of Aviation Viewing Park, Manchester, WA15 8XQ

Condition 20: Lighting

The installation of lighting shall not commence until full details of the schemes of lighting required during construction and for the completed development have been submitted to and approved in writing by the Local Planning Authority. The lighting scheme is to be designed so as not to conflict with any safeguarding criteria and shall specify that lighting is of flat glass, full cut off design with horizontal mountings and no light spill above the horizontal.

Construction Lighting

The installation of temporary lighting will be required during the period of construction and is designed in accordance with Manchester Airport's aerodrome safeguarding requirements pursuant to Circular 1/2003, as follows:

- Luminaires will be installed flat to the horizontal i.e. at a 0-degree tilt.
- Luminaires will be chosen that do not emit any upward light through their housings.
- Due to the proximity to the aerodrome, care will be taken to ensure that excessive levels of lux are not emitted. Lux levels will be kept below 50 lux.
- Lighting will be of a standard colour i.e. not red, green, or blue, to reduce the risk of the lighting being confused with aeronautical lighting.
- Due to the proximity to the aerodrome, care will be taken to ensure that the mobile lighting installations do not exceed the protected surfaces established for Manchester Airport e.g. OLS, CNS & IFP's. The maximum height of the mobile lighting installations will not exceed the height of the permitted permanent masts.

Permanent Lighting

Two drawings are appended to the submission providing details of the scheme of lighting required for the completed development:

60719865-ACM-CBB-XX-DR-EE-00003 P03 – Lighting Layout

60719865-ACM-CBB-XX-DR-EE-00002 P02 – Electrical Services

The permanent lighting scheme is designed in accordance with Manchester Airport's aerodrome safeguarding requirements pursuant to Circular 1/2003.

Summary

The temporary construction lighting and permanent lighting schemes are designed to avoid any conflict with Manchester Airport's aerodrome safeguarding criteria to ensure that the lighting does

not confuse or cause an ocular hazard to pilots and Air Traffic Controllers in the vicinity of the aerodrome and to ensure the safe operation of aircraft.