

Planning Department,  
South Dublin County Council,  
County Hall,  
Town Centre, Tallaght,  
Dublin 24.

27<sup>th</sup> March 2023.

**Re: Response to Additional Information request for Planning Application Reg. Ref. SD22A/0407.**

**Applicant: Jordanstown Properties Limited.**

**Site Address: Site C, College Lane, Greenogue, Rathcoole, Co. Dublin.**

Dear Sir/Madam,

Please find attached our response documents relating to the request for additional information dated 15/12/2022.

The individual items raised have been addressed as follows:

**Item 1.** *The applicant is requested to submit further details of the solar panels including:*

**a)** *The number of panels*

Currently envisaged 3,150 x 465W Jinkosolar Tiger Neo N-type 60 Cell BF

**b)** *Total area of panels per m2*

Approx. 7,373.5m<sup>2</sup>

**c)** *Solar panel type i.e. monocrystalline, tracking, PV, concentrated solar panels, domestic / commercial, etc.*

465W Jinkosolar Tiger Neo N-type 60 Cell BF, monocrystalline commercial panels or similar. No tracking, fixed trapezoidal roof mounting system.

**d)** *The output per panel*

Target 465W 21.55% Efficiency

*e) The total output overall including kW peak, annual kWh*

Target Array Size: 1.468 MWp

Inverter Size: 1.10 MW (This may vary during more detailed design)

Target Annual Production: 1,181,961 kWh

**Item 2.** *The applicant should confirm how the proposed development would be connected to the ESB Grid Network. Should the development require a new 100Kv line connecting to the Grid Network, then confirmation from An Bord Pleanala that the development does not constitute a Strategic Infrastructural Development will be required.*

The proposed development will be connected to the grid via the main distribution board within the building. The development will not require a 110kV connection.

**Item 3.** *The applicant should submit the following information to the Planning Authority:*

**(a)** *Written confirmation that the applicant has forwarded a Glint and Glare Assessment which considers the predicted effect of the proposed solar panels on sensitive aircraft receptors of the proposed development to the Irish Aviation Authority.*

**(b)** *The written agreement of the Irish Aviation Authority and/or the Air Corps Traffic Service, which states that: (i) the proposed construction works – inclusive of cranes – will not affect the safety, efficiency or regularity of aircraft generally and/or of Air Corps operations. (ii) the proposed development – inclusive of the solar panels – will not affect the safety, efficiency or regularity of aviation operations or the emergency services (e.g. Coast Guard helicopters) operated in the vicinity of Tallaght Hospital.*

a) Please, see below and attached statement from Don Watchorn, Property Management Branch, on behalf of Department of Defence:

*Having consulted with our Air Corps colleagues at Casement Aerodrome, the Department of Defence accepts the attached draft glint and glare report, as there will be no negative impacts on ATC and flight operations at Casement Aerodrome.*

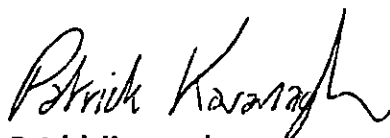
*However, in the event of negative effects becoming apparent on Air or ATC operations at Casement Aerodrome, the owner must take measures necessary to mitigate these effects to an acceptable level, without delay.*

b) Please, see below and attached statement from Christophe O'Brien, Aerodromes Inspector, on behalf of Irish Aviation Authority:

*Given the location of the proposed development and its scale, the Authority has no significant observations or concerns in this regard other than that you should maintain communications with the Property Management Branch of the Department of Defence and provide a minimum of 30 days notification to them in advance of any proposed crane erection and would directly agree any obstacle lighting requirements that they may require.*

I trust the above is in order and look forward to your future correspondence.

Yours Sincerely,



**Patrick Kavanagh**  
**BSc(Eng) Cert.Dip.(Eng) CEng MIEI**  
**Kavanagh Burke Consulting Engineers**

**3.a)**

**From:** Defence Property Management Planning <[PropertyManagementPlanning@defence.ie](mailto:PropertyManagementPlanning@defence.ie)>  
**Sent:** Friday 13 January 2023 12:24  
**To:** Patrick Kavanagh <[pkavanagh@kavanaghburke.ie](mailto:pkavanagh@kavanaghburke.ie)>  
**Cc:** Gareth O'Flaherty (Defence) <[Gareth.OFlaherty@defence.ie](mailto:Gareth.OFlaherty@defence.ie)>; Sarah Zacharia (Defence) <[Sarah.Zacharia@defence.ie](mailto:Sarah.Zacharia@defence.ie)>  
**Subject:** Block C - under construction in Greenogue Logistics Park

Dear Mr. Kavanagh,

I write in response to your e-mail below dated 05 January 2023, re: Photovoltaic (PV) panel installation on the roof of the proposed Block C building at College Lane, Greenogue, Rathcoole, County Dublin.  
Having consulted with our Air Corps colleagues at Casement Aerodrome, the Department of Defence accepts the attached draft glint and glare report, as there will be no negative impacts on ATC and flight operations at Casement Aerodrome.

However, in the event of negative effects becoming apparent on Air or ATC operations at Casement Aerodrome, the owner must take measures necessary to mitigate these effects to an acceptable level, without delay.

Please contact me if you have any queries regarding the above.

Best regards  
Don

**Don Watchorn**

*Property Management Branch*

**An Roinn Cosanta**

*Department of Defence*

**Bóthar an Stáisiúin, An Droichead Nua, Contae Chill Dara, W12 AD93.**

Station Road, Newbridge, Co.Kildare, W12 AD93.

T +353 (0)45 452199

E-mail [don.watchorn@defence.ie](mailto:don.watchorn@defence.ie)

**3.b)**

**From:** O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>  
**Sent:** Friday 17 February 2023 10:39  
**To:** Reception <[dbabik@kavanaghburke.ie](mailto:dbabik@kavanaghburke.ie)>  
**Cc:** licensing <[licensing@IAA.ie](mailto:licensing@IAA.ie)>; IAA INFORMATION <[iaainfo@IAA.ie](mailto:iaainfo@IAA.ie)>  
**Subject:** RE: Block C - under construction in Greenogue Logistics Park

Good morning Deborah,

Thank you for your email and the attached documents which were forwarded to the Aerodromes section of the Irish Aviation Authority's Safety Regulation Division yesterday evening.

For future reference, all planning related queries should be directed to: [planning@iaa.ie](mailto:planning@iaa.ie), the Corporate Affairs team will then direct the correspondence appropriately.

In this instance, we do not appear to have any record of South Dublin Co. Co. notifying the Authority of this planning application or previous iterations thereof.

We note the correspondence provided in relation to discussions with the Property Management Branch of the Department of Defence and the Glint'n'glare study undertaken.

Given the location of the proposed development and its scale, the Authority has no significant observations or concerns in this regard other than that you should maintain communications with the Property Management Branch of the Department of Defence and provide a minimum of 30 days notification to them in advance of any proposed crane erection and would directly agree any obstacle lighting requirements that they may require.

Best Regards,

Christophe

*Christophe O'Brien*

Aerodromes Inspector  
Safety Regulation Division  
Irish Aviation Authority  
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