Anthony Marston,
Marston Planning Consultancy
23, Grange Park
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Dublin 18
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Date : 31-May-2023

Reg. Ref. : **SD21A/0241/C5**

Proposal : **Demolition of the abandoned single storey dwelling and associated outbuilding (206sqm); construction of 2 two storey data centers with plant at roof level of each facility and associated ancillary development which will have a gross floor area of 40, 589sq.m consisting of 1 two storey data center (Building 11) which will be located to the south of the site and will have a gross floor area of 24, 667sq.m. including 22 emergency generators located at ground floor level within a compound to the western side of the data center with associated flues that will be 22.3m in height; 1 two storey data center (Building 12) which will be located to the north of the site, and to the immediate north of Building 11 and will have a gross floor area of 12, 915sq.m including 11 emergency generators located at ground floor level within a compound to the western side of the data center with associated flues that will be 22.3m in height; each of the two data centers will include data storage rooms, associated electrical and mechanical plant rooms, loading bays, maintenance and storage spaces, office administration areas, and plant including PV panels at roof level as well as a separate house generator for each facility which will provide emergency power to the admin and ancillary spaces; each generator will include a diesel tank and there will be a refuelling area to serve the proposed emergency generators; the overall height of each data center apart from the flues and plant at roof level is c. 14.23m above the finished floor level; the overall height of each data center apart from the flues and plant at roof level is c. 14.23m above the finished floor level; single storey step-up substation (38sq.m) as well as 2 single storey switch substations (121sq.m); AGI Gas Regulator compound that include 3 single storey buildings (134sq.m); construction of a gas powered generation plant in**

the form of a 13m high single storey building with a gross floor area of 2, 714sq.m that will contain 10 gas generators with associated flues that will be 25m in height, and grouped in pairs and threes; the Gas Plant will be located to the west of Building 11; ancillary site development works, that will include reorientation of the Baldonnel Stream, biodiversity management initiatives, attenuation ponds and the installation and connection to the underground foul and storm water drainage network, and installation of utility ducts and cables, that will include the drilling and laying of ducts and cables under the internal road network within Profile Park; other ancillary site development works will include hard and soft landscaping, lighting, fencing, signage, services road, entrance gates, sprinkler tanks and pump room; a temporary gas powered generation plant within a fenced yard containing 21 generator units in containers, each with associated flues (each 25m high), 12 transformers and 10 containers of controls to be located to the west of, and associated with the first phase of Building 11, and will be required for a period of up to 2 years if connection to the national grid is delayed; this temporary plant will not be built if the connection to the national grid is in place prior to the operation of Building 11 at this site that includes an abandoned single storey residential property on the New Nangor Road (R134), Dublin 22; and on land within the townlands of Ballybane and Kilbride within Profile Park, Clondalkin, Dublin 22 on an overall site of 8.7 hectares.

Condition 5 ;
Surface Water, Stream.
(a) Prior to commencement of development, the applicant shall submit a revised drawing showing what catchment area is draining to each attenuation pond. The applicant shall show the size in m2 of each surface type in each separate catchment area.
(b) Prior to commencement of development, the applicant shall submit a revised drawing showing additional SuDS such as swales, filter drains, tree pits. The applicant shall, with reference to ghd SDCC Sustainable Drainage Explanatory Design and Evaluation Guide (sections 7.4.5 and 7.4.7), examine how concrete paving on footpaths can be replaced with permeable paving. The applicant shall examine how pipes and oil interceptors can be replaced by SuDS features (the use of below ground petrol interceptor

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tanks is not best practice SuDS and should be avoided). Prior to submission of revised drawing and report, the applicant shall contact water services to discuss revised surface water drawing and attenuation calculations.
(c) Prior to commencement of development, the applicant shall clarify in a report and drawing what the expected depth of water in diverted stream will be at location North West of site at shallowest point of stream. Prior to submission of the revised report and drawing of diverted stream, the applicant shall contact water services prior to submission of drawing and report to discuss a revised stone design and width of stream north west of site.
(d) Any revised stream route shall comply with requirements of Inland Fisheries.
(e) Prior to commencement of development obtain a Section 50 from OPW of proposed rerouted stream.
REASON: In the interests of public health, the proper planning and sustainable development of the area and in order to ensure adequate surface water drainage.

Location :	**In the townlands of Ballybane & Kilbride within Profile Park, Clondalkin, Dublin 22**
Applicant :	**Vantage Data Centers Dub 11 Ltd.**
Application Type:	**Compliance with Conditions**

Dear Sir/Madam,

I refer to your submission received to comply with Condition No 5 of Grant of Permission No. SD21A/0241, in connection with the above.

In this regard I wish to inform you that the submission received is satisfactory.

Yours faithfully,

M.C.

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for **Senior Planner**