



SHAFFREY ASSOCIATES • ARCHITECTS • HISTORIC BUILDINGS • PLANNING • URBAN DESIGN

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05 June 2019

Planning Department  
Dublin City Council  
Civic Offices  
Wood Quay  
Dublin 8

Dear Sirs,

**Re: Dublin City Gallery, The Hugh Lane, a Protected Structure: Proposed Upgrading Works:  
Part 8 Submission.**

This Part 8 submission is made on behalf of the Dublin City Gallery, The Hugh Lane. Permission is sought for the following works:

1. Roof works, including the upgrading of the existing roof to the 1930s Wing and the Francis Bacon Studio; the replacement of existing rooflights and the installation of a fall-arrest and access systems for safe permanent roof access.
2. Installation of environmental services in the 1930s Wing and associated Buildings Services Management System and the integration of same with the systems serving the wider gallery complex to ensure a continuity of environmental conditions throughout the gallery complex appropriate for the exhibition and curation of works of art of international importance.
3. New M&E plant located on the roof of the Francis Bacon studio within an acoustic enclosure.
4. New Mechanical ductwork at roof level of the 1930s Wing and the Francis Bacon studio serving the 1930s Galleries
5. The Installation of new data cabling and/or wireless electronic services as required to meet existing and changing future needs to the 1930's Wing.
6. The Installation of a new gallery lighting system in the 1930's Wing.
7. Provision of the new Environmental control lobbies to the public gallery entrance, staff entrance of Charlemont House and the rear Service entrance to the 1930's wing.

#### **Part 8 Documents**

The Part 8 application documentation comprises the following:

- Schedule of submitted Part 8 Documents and Drawings
- Newspaper Notice
- Copy of Site Notice
- 10 No copies of the Appropriate Assessment Statement
- 10 No copies Preliminary Construction Management Plan



- 10 No copies of Acoustic Report on Noise Impact of Building Services Plant for 1930's wing Hugh Lane Gallery (prepared by AWN Consulting)
- 10 No copies of Protected Structure Impact Statement Report
- Drawings comprising 10 no. copies of the following:

DRAWING No	DRAWING TITLE	SCALE	SIZE
1705_Part 8_00_00	OSi Site Location Map (site notice locations)	1:1000	A1
	Proposed Site Layout Plan	1:200	
<b>EXISTING SURVEY/FABRIC REMOVAL DRAWINGS</b>			
1705_Part 8_12_01	Existing Ground Floor Plan	1:100	A1
1705_Part 8_12_02	Existing Ground Floor Reflected Ceiling Plan	1:100	
1705_Part 8_12_03	Existing Roof Plan	1:100	
1705_Part 8_14_01	Existing Front (North) Elevation to Parnell Square North Existing Rear (South) Elevation to Bethesda Place	1:100	A1
1705_Part 8_14_02	Existing Side (West) Elevation Existing Side (East) Elevation to Frederick Lane North	1:100	
1705_Part 8_15_01	Existing Section AA + BB	1:100	A1
1705_Part 8_15_02	Existing Section CC + DD	1:100	
1705_Part 8_15_03	Existing Section EE + FF	1:100	
<b>PROPOSAL DRAWINGS</b>			
1705_Part 8_02_01	Proposed Ground Floor Plan	1:100	A1
1705_Part 8_02_02	Proposed Ground Floor Reflected Ceiling Plan	1:100	
1705_Part 8_02_03	Proposed Roof Plan	1:100	
1705_Part 8_02_04	Proposed Lobbies	1:100	
1705_Part 8_04_01	Proposed Front (North) Elevation to Parnell Square North Proposed Rear (South) Elevation to Bethesda Place	1:100	A1
1705_Part 8_04_02	Proposed Side (West) Elevation Proposed Side (East) Elevation to Frederick Lane North	1:100	
1705_Part 8_05_01	Proposed Section AA + BB	1:100	A1
1705_Part 8_05_02	Proposed Section CC + DD	1:100	
1705_Part 8_05_03	Proposed Section EE + FF	1:100	
<b>DETAIL DRAWINGS</b>			
1705_Part 8_06_01	Detailed Cross Section. Detailed reflected ceiling plan	1:50/1:25	A1
1705_Part 8_06_02	Proposed Lobby details 1	1:20	A1
1705_Part 8_06_03	Proposed Lobby details 2+3	1:20	A1



### Background and Context to proposed works

Dublin City Gallery - The Hugh Lane, is a public gallery of modern and contemporary art. A registered charity, it is part of Dublin City Council. The role of the gallery is to protect and care for its collections and enhance public participation, enjoyment and appreciation of the visual arts by way of exhibition, publications, temporary exhibitions and education projects.

The Hugh Lane, formerly Charlemont House, is a building of national importance and is designated a protected structure. The gallery comprises four distinct phases of construction:

**Charlemont House:** The original Georgian townhouse, Charlemont House, is a stone-faced, five-bay, three-story over basement house, built circa 1765-1770 and designed by Sir William Chambers. Two original library pavilions, one adjoining the main house on the west, by James Gandon and one to the rear on the east were incorporated into 1930's wing. The western pavilion was truncated removing ornate plasterwork and clerestory lights when the gallery was created in 1928. The eastern library pavilion, with its original Doric cornice and early Rococo ceiling designed by Sir William Chambers, has been incorporated into the gallery and now forms part of the Francis Bacon Studio exhibit.

**The 1930's Wing:** 19<sup>th</sup> Century additions to the rear of Charlemont House, were demolished to make way for the Municipal Gallery of Modern Art in Parnell Square, to the designs of Horace T. O'Rourke, city architect in 1931. This phase also altered and enlarged the original entrance hall arrangement to its current presentation. The front portico and steps at the main entrance were also added at this time.

**Francis Bacon's Studio:** Created in 2000 this part of the Gallery accommodates reconstruction of Francis Bacon's studio and includes a suite of exhibition spaces and archive. It is located to the rear of the 1930's wing and incorporates part of the Chambers' library.

**The New Wing and Basement Archives:** Completed in 2003, this new three storey over basement building is located to the east of the 1930's wings and incorporates exhibition galleries including a dedicated exhibition space for the Sean Scully collection, education workshop room, archival space; café, bookshop and ancillary spaces. This extension also contains significant mechanical plant serving this recent wing.

Recent assessments carried out by the Hugh Lane Gallery (HLG) has identified deficiencies in a number of aspects of the Gallery spaces which include environmental performance and exhibition standards relating to the 1930's wing. The proposed upgrading works are aimed at addressing these deficiencies with the following objectives:



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- To provide a new environmental system for the 1930s Wing in order to achieve environmental conditions appropriate for the storage and display of artworks of international importance and to ensure there are consistent environmental conditions between the 1930s Wing, the adjacent galleries of Charlemont House and the galleries of the 2006 Extension.
- To improve the integrity and thermal performance of the existing roof and rooflights of the 1930s Wing.
- To improve access to the roof of the 1930s Wing for maintenance operations and to provide a safe working environment for maintenance personnel.
- To provide a new heating system, including boiler, for the 1930s Wing adequate for serving the increased heating load required due to the provision of air conditioning to the 1930's Wing.
- To enhance the lighting systems of the 1930s Wing in order to create an acceptable environment for the display of artwork.
- To eliminate as far as possible environmental fluctuations arising from the existing gallery entrances, i.e., the primary public entrance to the front of Charlemont House, the staff entrance to the front of Charlemont House and the Service Entrance to the rear of the 1930's Wing.

An integrated Design Team comprising architecture/conservation architecture; Mechanical & Electrical Engineering; Civil & Structural Engineering and Specialist Lighting Design have developed a design proposal in response to these objectives. In summary this design comprises:

- **Roof Works:** Renewal of the existing roof finishes to the 1930's wing and the Bacon Studio. This includes salvage and reuse of any sound surviving original natural slates and replacing existing asbestos slates and damaged slates with new natural slates to match original. Repair/renew existing original roof lanterns to side galleries and Sculpture Gallery and, Installation of new rooflights to these lanterns and to rooflights at central gallery spaces, to provide enhanced UV and quality daylight performance within exhibition galleries of the 1930's wing. Installation of new protective guardrail and roof access ladders with suitable fall arrest type system to provide safe access to 1930s and Bacon Studio roofs.
- **Mechanical Upgrading:** Provision of new Mechanical Plant at roof level above Bacon Studio with associated acoustic perimeter enclosure. New ductwork at roof level providing extract and supply air to the 1930's Wing. Supply air to be introduced to the 1930s galleries via original ceiling louvres which are to be reopened and altered to provide the necessary air flows. The extract air to be exhausted through new architecturally treated louvre openings to be formed in hip-end roof at either side of the central galleries and within the flat ceilings of the side galleries. New boilers to be located on roof above Bacon Studio with flue shaft extending along the 2004 wing external wall.



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- **New environmental Lobbies:** To assist achieving consistent environmental conditions within the HLG and to omit the existing fluctuations, new lobby screens and structures are proposed in a number of locations. These are the front entrance hall within Charlemont House with the existing draught lobby replaced with a new lobby structure and a new screen introduced between the entrance foyer and the ante-space leading to the Sculpture Gallery; new lobby structure behind the eastern curved flank wall of Charlemont House which will create a lobbied entrance at this staff entrance – this new structure will not be visible from the front forecourt to the Hugh Lane Gallery/Parnell Square; new entrance lobby structure at the rear (northern) entrance to the Bacon Studio. In addition it is proposed to provide new glazed sliding doors at ground floor level to the existing opening between Charlemont House and the 2004 wing which will be fixed against the 2004 side of the existing opening.
- **New Gallery Lighting:** A new system of artificial lighting is to be provided to the 1930s gallery spaces with new track lighting and new emergency lighting. Preliminary on site testing has been carried out to establish the optimum arrangements, general locations and light fitting types/performance standards. The track lighting will align with the existing architectural ceiling grid arrangement.

The submitted drawings and Protected Structure Impact Assessment Report provide further detail on the above proposals and their impacts.

#### **Pre-Planning Consultation:**

In advance of this submission pre-planning consultation was held with the relevant Departments within Dublin City Council and a presentation was made to the Elected Representatives of the Central Area Committee. A number of issues were raised during this process which have been addressed in the development and refinement of the design proposals leading to this submission. Of note are the following:

- Drawings showing further detail of the proposed lobbies within the entrance foyer to Charlemont House. This detail is drawn and indicated on the submitted drawings as is detail describing proposed interventions to ceilings and roofs of 1930's Wing to accommodate the new environmental upgrade system, the new artificial lighting installation and the reuse of existing natural slates and replacement of asbestos and damaged slates with new natural slate to match original historic.
- Measures for addressing sustainability and, in particular objectives for meeting Near Zero Energy Building standard: The Hugh Lane Gallery is a protected structure and is therefore exempt from Part L of the Building Regulations and the NZEB standards. Notwithstanding this, the design proposes a number of measures to improve energy efficiency where it has been appropriate and feasible. These include the introduction of roof insulation as part of the upgrade works; specification of high efficiency Mechanical plan; LED lighting for the new lighting systems; heat recovery system to be provided as part of the new environmental system. The scope of the works are limited to localised interventions and therefore opportunities for more comprehensive passive measures or use of renewable energy systems are limited.



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- Works to address Sustainable Drainage Solutions (SuDS) requirements of the Dublin City Drainage Department: The limited and localised nature of the proposed works to which this application applies do not warrant the particular works requested by DCC Drainage Department at consultation stage. The following can be noted :
  - Impact on Surface Water Management: There will be no additional hardstand areas or roof areas to alter the existing surface water runoff. Additional roof area of the 2No proposed external lobbies is equivalent to the existing hard standing area which they replace. It is not proposed to alter the existing surface water management system or upgrade it to provide a Sustainable Drainage Systems (SuDS) as this is beyond the scope of the current project.
  - Basement Flooding: The existing building is located outside Liffey Tidal Flood Extents (0.1% Tidal AEP Event) (reference Eastern CFRAM Study). Proposed development works do not add to or alter existing drainage system. No works are planned to be carried out to the existing drainage system as this is beyond the scope of the current project.

In conclusion, the proposed works are essential upgrading works to ensure that the Hugh Lane Gallery meets the necessary building standards to ensure protection of its collection and the ability to exhibit this significant collection and other temporary exhibitions to a quality appropriate to the status of this collection and the importance of the building, a protected structure of national importance.

Yours sincerely,

Gráinne Shaffrey  
Director, Shaffrey Associates