
Proposed Amendment of the Record of Protected Structures for 10 Burlington Road, Dublin 4 in accordance with Section 54 and 55 of the Planning and Development Act, 2000 (as amended).

The current entry in the Dublin City Development Plan 2016-2022 reads:

RPS	Address	Description
1025	10 Burlington Road, Dublin 4	House

It is proposed to amend the description as follows:

RPS	Address	Description
1025	10 Burlington Road, Dublin 4	19 th century house, 1971 structure and historic boundaries

Photograph of Structure:



Procedure Followed

In accordance with the procedures set out in Section 54 and 55 of the Planning and Development Act, 2000 (as amended), Dublin City Council indicated its intention to amend the Record of Protected Structures for **10 Burlington Road, Dublin 4**.

The proposed amendment was brought to the South East Area Committee on Monday 11th November 2019 where it was agreed to initiate the procedure to amend the RPS.

The proposed amendment was advertised in the Irish Independent on **Thursday 5th December 2019**. The public display period was from **Thursday 5th December 2019** to **Monday 27th January 2020**, inclusive.

Request for Addition:

The request to assess the site came from the following:

- Peter Cody, on behalf of DoCoMoMo Ireland (March 2010).

Summary of Applicants Reasons for Seeking Addition:

- *DoCoMoMo Ireland submission March 2010:* Peter Cody's submission on behalf of DoCoMoMo Ireland sets out the historical context of the project, and outlines the significance of Stephenson & Gibney Associates' building at 10 Burlington Road under a number of headings. Cody describes the qualities defining the special character of the project in accordance with 5 of the criteria headings as set out in the Architectural Heritage Protection Guidelines for Planning Authorities (2011):
 - A generally agreed exemplar of good quality architectural design
 - The work of a known and distinguished architect, engineer, designer or craftsman
 - An exemplar of a building type, plan-form, style or styles of any period but also the harmonious interrelationship of differing styles within one structure
 - A structure which makes a positive contribution to its setting, such as a streetscape or group of structures in an urban area, or the landscape in a rural area.
 - A structure with an interior that is well designed, rich in decoration, complex or spatially pleasing.

DoCoMoMo is the International Committee for Documentation and Conservation of Buildings, Sites and Neighbourhoods of the Modern Movement, founded in 1988.

- Cody describes the building as *'An assertive, confident, freestanding building that lends a fitting civic expression to the Institution it both houses and represents while remaining sympathetic to the surrounding domestic structures and overall setting.'*
- He highlights the considered choice of materials and construction methods, and the clever articulation of the various elements within the building.
'The language of the building arises from the clear expression of the logic of its construction and the material articulation of its constituent parts. The load-bearing, faceted, brick service tower plays against the reinforced concrete frame of the scholars' accommodation, while mediating with the neighbouring house.'
- The plan form of Stephenson & Gibney's building, which is derived from the structural system, is held up as an exemplar.
'The building is an exemplar in both plan form, specifically its cruciform structural organisation with cantilevered corners and associated direct tectonic expression of "servant and served", one of the principle tenets of twentieth century modernism.'
- *DoCoMoMo Ireland submission December 2015:* In December 2015, Dublin City Council received a detailed submission from Shane O'Toole on behalf of DoCoMoMo Ireland for a number of 20th century buildings, including the 1971 Structure at 10 Burlington Road submission written by Peter Cody. This submission was made under the Draft Development Plan process in 2015. The submission reference number is 3017.

Addition of Significant 20th Century Structures:

Policy CHC3 of the Dublin City Development Plan 2016-2022 provides as follows: *To identify and protect exceptional buildings of the late twentieth century; to categorise, prioritise and, where appropriate, add to the RPS. Dublin City Council will produce guidelines and offer advice for protection and appropriate refurbishment.*

Site Location & Zoning Map:

10 Burlington Road, Dublin 4 (outlined in red below) is located on the east side of Burlington Road.



2016-2022 Development Plan Zoning Map:

The map (above) is an extract from Map E of the Dublin City Development Plan 2016-2022, illustrating the use zoning and specific objectives for the area. The subject site is zoned Z2: *To protect and/or improve the amenities of residential conservation areas.*

Recent Planning History:

There are no planning permission applications pertaining to the 1971 structure at 10 Burlington Road. However, there are a number of telecommunications declarations under Article 31(k)(i) of the Planning and Development Regulations, together with a Section 5 declaration of exemption for antennae and transmission dishes

Summary Description

The building currently occupied by the School of Theoretical Physics, Dublin Institute for Advanced Studies (DIAS) was designed by Sam Stephenson of Stephenson Gibney & Associates, and completed in 1971. The building forms a six-storey annexe to the two-storey-over-basement nineteenth-century villa at 10 Burlington Road. The annexe is located in the garden of the existing villa, and is composed of a brick tower cluster, and an elevated brick and glass cube, both set at an angle to the existing villa. The towers house the circulation and 'servant' spaces, and the main block accommodates the 'served' spaces - reception, conference room, library and offices.

The towers are constructed in brick, and the structure of the main block is reinforced concrete. A recessed concrete bridge with glazed panels connects the tower and block at each level. The solidity of the vertical brick towers, with chamfered corner details, contrasts

with the apparent lightness of the raised block. The upper ground floor to the main block is predominantly glazed, and recessed to the west (entrance) façade, which heightens this contrast.

The façades of the main block are made up of alternate horizontal bands of brick and glass, with a slim strip of the concrete frame visible below the brick cladding on each floor. Eight reinforced concrete columns support the upper floors and are set back from the building envelope. This frees up the corners creating seemingly transparent glazed bands, thus reducing the bulk of the raised block and creating the effect of 'floating' floor planes. The high-level, recessed opening sections of the windows in each bay further emphasise this illusion. The external expression of the recessed structural columns allows the individual bays to be clearly defined. The library occupies the sunken podium, and the clerestory glazing creates a visual separation from the upper levels, contributing to the 'lightness' of the block above.

'It is a poised, mature work of architecture that combines up-to-the-minute influences from Louis I. Kahn's Richards Medical Research Building (Philadelphia, USA), with a nod towards contextualism, as the architects SGA also took cues from the neighbouring Victorian villas.' (More than Concrete Blocks, Volume II, 2018).

The raised entrance steps and sunken landscaped 'area' to the basement below, reference the adjoining nineteenth-century houses. These external steps and the columns to the entrance podium are expressed with a rough aggregate finish.

The reinforced concrete structural frame is exposed throughout the building, with smooth coffered concrete ceilings and exposed concrete columns to the rooms of the main block. Rooms are divided by glazed partitions and stud partitions.

Historic Background:

The Dublin Institute for Advanced Studies (DIAS) is the second oldest institute for Advanced Studies in the world and was established by Taoiseach Eamon de Valera in 1940. The institute was originally located at 65 Merrion Square. In 1938, De Valera invited internationally-renowned Austrian physicist Erwin Schrödinger to Ireland to assist in the establishment of the institute. Schrödinger arrived in 1941, and was appointed first director of its School of Theoretical Physics. He was director of the school until his retirement in 1955, when he returned to Austria.

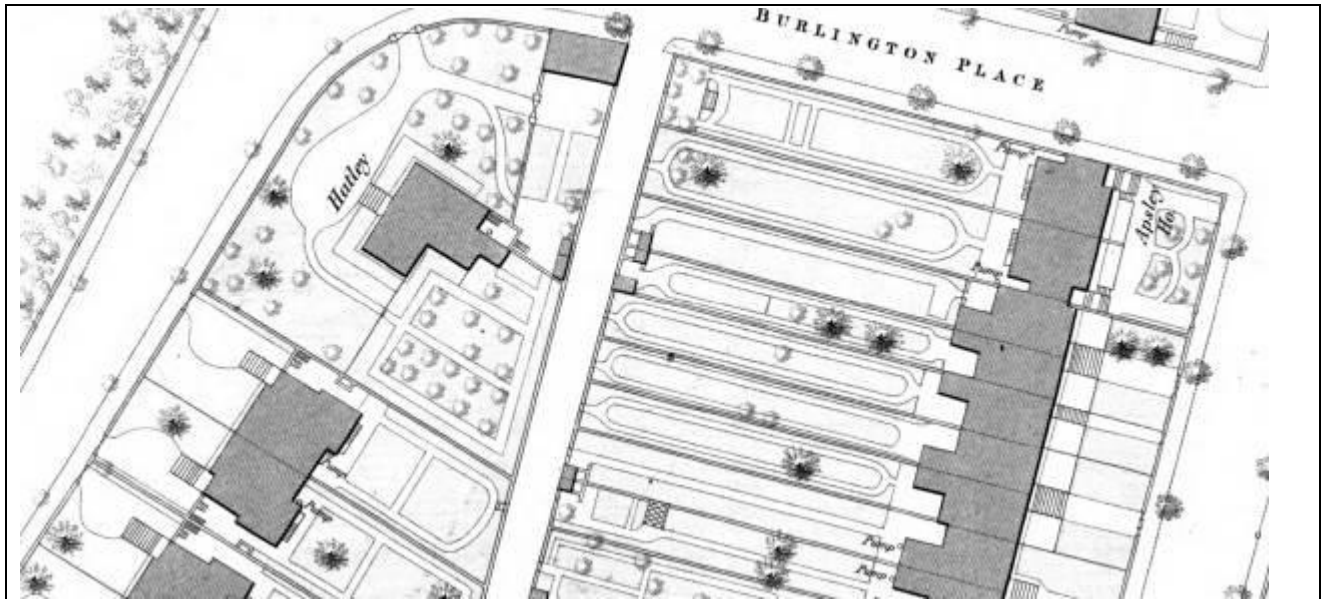
The DIAS began to expand, and encompassed three schools by the early 1960s – the School of Theoretical Physics, the School of Cosmic Physics and the School of Celtic Studies. At this point it was decided that a new building was required and the Office of Public Works (OPW) set about looking for a site.

Burlington Road, located between Upper Baggot Street and Upper Leeson Street, was laid out in the mid-nineteenth century. The street was composed of Victorian villas set within generous landscaped gardens. In 1963, the OPW acquired the site at 10 Burlington Road, which accommodated a nineteenth-century villa 'Hatley', and its attendant gardens. The corner site spans between Burlington Road, and Waterloo Lane to the east. The School of Celtic Studies was to occupy the nineteenth-century house, and a site to the north of the house was ear-marked for the School of Theoretical Physics.

Initial sketch designs for the building were prepared by the OPW in 1964, and in that same year Stephenson Gibney Associates were appointed as architects for the job.

Space on the site was restricted, and Stephenson Gibney Associates faced the challenge of providing the required accommodation in a manner that respected the scale and materiality

of the existing nineteenth-century streetscape. Tenders for construction were invited in 1969, and Stephenson Gibney Associates' scheme, a six-storey annexe to the north of the existing villa, was completed in 1971. The contract sum was reported by the engineer Donald Keogan to be £150,000 (More than Concrete Blocks, Volume II, 2018).



Burlington Road, 1876 OS map (The Dublin Institute of Advanced Studies is located in the gardens of 'Hatley', a mid-nineteenth century villa)

References:

- O'Toole, Shane, 'Institute of Advanced Studies, Burlington Road, Dublin 1969-1971' in Becker, Olley, Wang (Eds.) *20th-Century Architecture in Ireland* (Munich 1997)
- O'Beirne, Tomás, *A Guide to Modern Architecture in Dublin* (1978)
- Anon., 'Dublin Institute for Advanced Studies' in *The Brick Bulletin*, Vol.10, No.1 (November 1973)
- Anon., 'Dublin Institute for Advanced Studies' in Oibre, Bulletin of the Commissioners of Public Works, Vol.10 (August 1973)
- Stephenson Gibney & Associates Collection, Folder H (64.36), L00072, Irish Architectural Archive
- Classified Ad, OPW Building Contract, Irish Times, 25 February 1969
- McDonald, Frank, 'A late accolade for Sam Stephenson', 08 October 1985
- Dunlop, Alan, 'Public acclaim for a modernist hero hides Ireland's confidence in its own urban design', Irish Times, 13 September 2001
- Anon., 'A bold and controversial architect who left his mark on Dublin', Irish Times, 11 November 2006
- Anon., 'Stephenson's legacy', Irish Times, 15 November 2006
- <http://archiseek.com/2010/1971-dublin-institute-for-advanced-studies-burlington-road-dublin/>

Assessment of Special Interest under the Planning and Development Act 2000:

The Categories of Special Interest are defined in the Planning and Development Act, 2000 as architectural, historical, archaeological, artistic, cultural, scientific, technical and social. When assessed under the above categories, it is found that the Dublin Institute of Advanced Studies (DIAS) is of architectural, historical, cultural, and technical interest.

- ARCHITECTURAL:

- The 1971 building for the Dublin Institute for Advanced Studies was commended in the RIAI Triennial Gold Medal for 1971-73. The architects Stephenson Gibney Associates (SGA) drew inspiration from a number of contemporary projects, most notably Louis Kahn's Medical Research Building in Philadelphia. The building also references the nineteenth-century villas on Burlington Road, through its use of red brick, the sunken garden and stepped entrance.
- Scottish architect Alan Dunlop applauds the design and remarks on the probable architectural influences; '*Recently, I spotted a simple modernist building – the Institute of Advanced Studies, on Burlington Road, designed by Sam Stephenson ... it is both clear and concise in its architectural lineage and its influence can be traced back directly to Louis Kahn. The building also reminded me of Alvar Aalto's National Pensions Institute in the clarity of its structure and immaculate detail.*' (Alan Dunlop, Irish Times, 2001).
- Cody also notes this reference to Kahn's work, and celebrates its expression of 'servant and served' spaces; '*The building is probably the finest expression in Ireland of the modernist principle of "servant and served space" espoused most authoritatively by Louis Kahn.*' (DoCoMoMo Ireland application, 2010).
- Another possible reference is James Stirling's Leicester University Engineering Department (1963). As with the 1971 building at 10 Burlington Road, the verticality of the brick towers, with chamfered corners and glazed links, contrasts with the horizontal elements of the scheme.
- In 1973, the Brick Bulletin, a supplement to Plan Magazine featured an article on SGA's building celebrating its composition and site treatment; '*Most attractively proportioned, the finished building looks extremely well with its balanced combination of vertical and horizontal elements in matching brickwork. Equally discerning care was evidently devoted to the development of the surrounding site areas.*' (The Brick Bulletin, 1973).
- The detailing throughout the 1971 building is finely crafted, most notably in the window design, the concrete structure and the brickwork. The continuous occupancy of the building by the School of Theoretical Physics has meant that the external envelope and the interiors have remained largely intact. The windows are intact and functioning. Original furniture, fittings and lighting fixtures have survived in many of the rooms, as have some finishes.
- Sam Stephenson of SGA was the principal architect for the project. Stephenson (1933-2006) was a graduate of the College of Technology, Bolton Street (now TUD). He formed a private practice with Arthur Gibney in the early 1960s. Stephenson Gibney Associates were responsible for a number of prominent architectural projects in the city, many of which drew public controversy. These include the ESB Headquarters on Fitzwilliam Street (1965), the Central Bank & Plaza (1978) and the Civic Office towers in Wood Quay (1983). Sam Stephenson was awarded the RIAI Gold Medal 1977-1979 for the Currency Centre, Sandyford, Co. Dublin.
- Design team for the 1971 building at 10 Burlington Road –
Architects: Stephenson Gibney Associates
Structural Engineer: Donald St John Keogan MAI
Quantity Surveyor: Vincent Drum FRICS
Mechanical Services Consultants: Lyons and Partners
Electrical Consultants: MacArdle, McSweeney and O'Malley
Main Contractors: M J Davis & Co Ltd.

- HISTORICAL:
 - The establishment of the DIAS in 1940 was historically significant in that it signified the introduction of science to the policy agenda in Ireland. The DIAS was established under the Institute of Advanced Studies Act (1940). At Taoiseach Eamon de Valera's invitation, renowned Austrian physicist Erwin Schrödinger (1887-1961) arrived in Ireland in 1941 to serve as founding director of the School of Theoretical Physics at the DIAS. Schrödinger is best known for his 1935 theory 'Schrödinger's Cat', which challenged the Copenhagen interpretation of quantum mechanics.
- CULTURAL:
 - The DIAS is the second oldest institute for Advanced Studies in the world and followed the precedent of the first Institute for Advanced Study at Princeton University, where Einstein was a Professor until his death in 1955.
 - The creation of the DIAS was intended to promote a liaison between the two Dublin universities – University College Dublin and Trinity College Dublin. The DIAS was to serve as a meeting place for researchers. The appointment of the eminent figure of Schrödinger as director of the School of Theoretical Physics would have further endorsed this effort to formalise a connection between the universities.
 - The DIAS continues to promote advanced scholarship, and research links with universities throughout Ireland and internationally.
- TECHNICAL:
 - The 1971 building is a naturally ventilated building. The design of the opening window sections in high-level recesses was devised to avoid draughts at desk level and reduce solar gain in the office spaces. This technical innovation has aesthetic merit in that it further delineates the recessed glazing and reinforces the visual separation of the horizontal brick bands.

Significance/NIAH Rating:

10 Burlington Road is located in an area that has not yet been surveyed as part of the architectural inventory of Dublin City currently being undertaken by the National Inventory of Architectural Heritage.

However, the Dublin City Development Plan 2016-2022 states that it is the policy of the Council '*To identify and protect exceptional buildings of the late twentieth century; to categorise, prioritise and, where appropriate, add to the RPS.*' (Policy CHC3). The 1971 building at 10 Burlington Road is considered an exceptional building dating from the latter part of the twentieth century and therefore worthy of inclusion on the Record of Protected Structures, notwithstanding the current absence of a Ministerial Recommendation.

When evaluating the property using the NIAH criteria and rating system (International, National, Regional, Local and Record Only), the 1971 building at 10 Burlington Road is considered worthy of a Regional rating.

Rationale for Regional Rating:

The 1971 building currently housing the School of Theoretical Physics, Dublin Institute of Advanced Studies, is a finely-crafted building, which introduces contemporary architectural expression to a historic street while responding to its nineteenth-century context including referencing the adjacent house with the stepped entrance over a sunken lower level. The contrast of the vertical and horizontal elements, the structural clarity, the attention to detail and quality of materials contribute to form a considered piece of architecture.

Submissions/Observations Received:

The proposed amendment to the Record of Protected Structures was advertised in the Irish Independent on Thursday 5th December 2019. The public display period was from Thursday 5th December 2019 to Monday 27th January 2020, inclusive. No submissions/observations were received.

Recommendation to the City Council:

In accordance with Section 55 of the Planning and Development Act 2000 (as amended), it is recommended that the description of the Record of Protected Structures entry for 10 Burlington Road, Dublin 4 be amended to '19th century house, 1971 structure and historic boundaries' in the Dublin City Development Plan 2016-2022.

The making of any addition to the Record of Protected Structures is a reserved function of the City Council.

The current entry in the Dublin City Development Plan 2016-2022 reads:

RPS	Address	Description
1025	10 Burlington Road, Dublin 4	House

It is proposed to amend the description as follows:

RPS	Address	Description
1025	10 Burlington Road, Dublin 4	19 th century house, 1971 structure and historic boundaries

Resolution:

"That Dublin City Council notes the contents of Report No. 154/2020 and approves the amendment of the Record of Protected Structures in the Dublin City Development Plan 2016-2022 for 10 Burlington Road, Dublin 4 in accordance with Section 54 and 55 of the Planning and Development Act, 2000 (as amended)."

Richard Shakespeare
Assistant Chief Executive.

Dated: 13th March 2020

Extent of Protected Structure Status & Curtilage



Photographs:



10 Burlington Road, Dublin 4, front (east) elevation.



10 Burlington Road, Dublin 4, north elevation



10 Burlington Road, Dublin 4, west elevation and rear boundary wall



10 Burlington Road, Dublin 4, entrance

Archival Photographic Record



Irish Architectural Archive, Ref: 73_21. Mounted photographs relating to Dublin Institute for Advanced Studies, 10, Burlington Road



Irish Architectural Archive, Ref: 73_21



Irish Architectural Archive, Ref: 73_21