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BOOKS AND BUILDERS
A Bibliographical Approach to Irish Eighteenth-Century Architecture.

Volume 2
BOOKS AND BUILDERS

A bibliographical approach to Irish eighteenth-century architecture.

Volume II

Vol. II - Illustrations.

By Christine Casey

Submitted to Trinity College Dublin,
(Department of the History of Art)
In candidacy for the degree of Doctor of Philosophy.

October 1991.
Illustrations

1. Subscription receipt of Hugh Howard, for Isaac Ware's *Works of Andrea Palladio* 1737. ((NLI, MS. 8390.)
7. *A map of the town and suburbs of Drogheda drawn from an actual survey by Joseph Ravell*. D. Pomarede sculp., Dublin, 1749. Detail. (Town Clerk, Drogheda.)
11. *Perspective View of Sackville Street and Gardiner's Mall Dublin*. c.1755. (BL)


17. 'The East Front of the Stable Offices of Dromoland facing towards the Gardens, drawn in the Year of our Lord God Anno Domini 1740 by John Aheron'. Pen and ink. Dromoland Album. (IAA)


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49. 'The plan and elevation of a house ... designed for Ballihigue in the County of Kerry, J. A[h]eron invt. et delint.' (Metropolitan Museum of Art, New York, Dept. of Prints, Harris Brisbane Dick Fund)

50. 'The plan and elevation of a house ... designed for Courcy-Mont in the County of Cork, J. Aheron invt. et delint.' (Metropolitan Museum of Art, New York, Dept. of Prints, Harris Brisbane Dick Fund)

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57. 'The plan and elevation of a house ... in the middle of which is a Court 48 Feet square ..', V, Plate 72. John Aheron. *A General Treatise of Architecture*. Dublin, 1754.


61. 'Miscelanea Structura Curiosa ... By Samuell Chearnley'. Title Page. Pen and ink. (Birr Castle). Copy (IAA).


65. 'The elevation of one of the double pavilions of the Royal Hospital at Greenwich to the river', from Colen Campbell Vitruvius Britannicus. vol 2. plate 90. London, 1717.


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78.Garden Pavilion, Clonmannin, County Wicklow.
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80. Michael Wills. ' Designs for Private Buildings of Two, three, four, five, and six Rooms on a Floor And one of Eight rooms. ' Untitled and unnumbered design, verso of No. 1. (RIBA)
83. '... Plan of the Ground Floor of A Charter School House Calculated for 60 Children(viz) 30 Boys and 30 Girls...'. From An abstract of the proceedings of the Incorporated Society in Dublin for promoting English Protestant Schools in Ireland 1733 to March 1737 .Dublin ; George Grierson ,1737.
87. ' Four different ways of securing foundations' from Richard Castle. 'An essay on artificial navigation'. Ink & wash. Fig.15. (NLI MS.2737)
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Photographic Acknowledgments.
All photographs by the author with the exception of the following Plates 3, 10-12 , 13, 15-16, 60-64, 66, 68-70, 72, 77-78, 92. IAA.
Plates 9, 37, 38, 41, 43, 44, 45. BL.
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contenant
LA FORTIFICATION RÉGULIERE ET IRREGULIERE; LES MINES, CONTREMINES, SOUMERAINS, la PERSPECTIVE; LES COUVES ET VVES DES PROFILS; LES PORTES, PONTS, REDOUTES, RETRANCHEMENTS, LIGNES, FORTS DE CAMPAGNES, &c.
A quoi l'on a ajouté
_LES ORDONNANCES DE CAMPER, ET LA MANIERE D'ATTAQVER LES PLACES._

MDCCCI.
The Stable Offices of Jerusalem facing towards the Gardens, drawn in the Year of our Lord 1766. By the Command of the Marquis of Abrom.
The East Front of Dromoland House extending 305 Feet.
A Preface here is in a manner needless, the Title Page, and the following Table is fully expressive of the chief Matter of this Book. In the following, however, let the Reader judge, as much, what I shall attempt to say, by way of Preface, as I find Room left me, if I dare to know what induced me to write the Treatise, and then give him a View of the chief Things contained therein, without revealing him by repelling him of the Unprintable and Difficults of the Art of Printing, for giving of Instructions sufficient in this Place, would be so tiresome that inserting one who has been already led by love of Art to understand the former, the latter need no more be added before it. Having comprehended some few of the chief, in the Study of Architecture, I drew a few Plans and Elevations of Buildings in other Places of Architectonic, which I thought to be Figures of equal weight in the Art of Building, the Approbation of which was desired me in the making them (it would meet with a favourable Reception and Encouragement from the Lovers of Art, and true Followers of the True Philosophy) to write the following Treatise, which I have divided into two Books, the first of which contains all the Theories and the Rules of Architecture, which I have written in the Preface, and the second the Practical, or the Building Trade; I thought good to deliver in my own Book (as Plato and Euclid are always shewn, for the more effectually to make any Passage of what follows, in the second Book, and that, in a plain and intelligible manner as any abstract Theory would allow one. In Book I. Chap. I, I shall unfold the Fundamental Antecedents to which Numbers in all as Foundation, the first Rule of them all, continually called the Golden Rule, and by figurs, the Rule of Proportion, the double Rule of three, the double Rule of three squares, together with the Rules of Proportion, all explained by various Examples. Chap. II. Newton, Euclid, Aristotle, Archimedes, Ptolemy, Theodorus, and Probable of Vulgar Platitude, all Philosophical, or Interpolating on all in the first, very nearly to all Antiquities, to the main lining the different Places of all that is requisite in the laying out of all the different Parts of a Building, without finding the exact measurement of any different Parts of Work. Chap. III. Definition of Lines, Rectangles, &c. to which is added a large Collection containing forty-four Problems in three Parts, as Rulers, Points, &c. to which is added a collection to know, whether they shall produce good Pictures, on other Planes, Elevation, &c. to different Styles of Building. Chap. IV. A general rule for the Definition of Spheres, Hemispheres, &c. with Lines belonging to a Circle, by which are Angeles of equal Lines from a Point. Things are materiailized together with the Constructions, &c. Moving how they are divided from a Circle, and those constructed from Lines. All is the Rule, Rulers, &c. as before, which shall afterwards be explained in the Drawings of a Circle in several Numbers. Likewise the immediate Foundations of the Lines of Spheres, Hemispheres, &c. and the Assumption that all the Angles here in regard to the Ruler of a Triangle, or of a Circle, or of a Sphere. Chap. V. A brief and clear Explanation of the Logarithms of Number Numbers, and the Table of Proportionals, firmly, strictly, and perfectly measured, and of the Table of Tangents, Sines, and Cosines, together with their Definitions in the Art of Building, and afterwards be explained in the Table, &c. Chap. VI. The Table of Logarithms and of Number Numbers, and the Table of Proportionals, firmly, strictly, and perfectly measured, and of the Table of Tangents, Sines, and Cosines, together with their Definitions in the Art of Building, and afterwards be explained in the Table, &c.}

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Miscellanea

Structura, Curiosa--

Collection of Different Plans, Sections, and Elevations.

As

Drama--

Grottos--

Saracens--

Carnival--

Fountain--

Bridge--

Grotto--

Gall. Etc.

Columns--

Terminating for Stairs

Temples--

Triumphal Arch--

Chimney--

Monuments--

Salle of Halls--

Gallery, together with

Plans, Elevations--

By Samuel Chandler

Oct. 7th 1805
pedestals, covered by its swelling in the middle, a must be done as already prescribed for the Ionice in book 3. chap. 2. Having now done with the form and manner of finishing the outsides of temples, according to the Doric Ionice, and Corinthian modes, it is but proper that I now show how the insides are to be finished, as well of the part within the peristyle, as the body of the temple itself.

Thus much has been here delivered concerning the Doric order: and how the parts of the temple are to be marked out, and squared. The Doric temple is the most perfect of the ancient orders. It is the most dignified and majestic, and the most commodious. It is the most proper for public and edifice, and it is the most serviceable in the most parts.
The columns being 5 1/2 diam. The space between might be 5 ft. which are above 5 1/2 and 6 ft. and the middle space ought to be 15 1/2 which is bare 6 1 2
Plan and Profile of the upper Floor of a Lock, called The...
PRACTICAL ESSAY
ON A
Cement and Artificial Stone,
Justly supposed to be that of
The Greeks and Romans,
Lately re-discovered
By Monsieur Loriot,
Master of Mechanics to His Most Christian Majesty,
FOR THE
Cheap, easy, expeditious and durable Construction
of all Manner of Buildings;
AND
The Formation of all Kinds of Ornaments of Architecture,
even with the commonest and coarsest Materials.

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