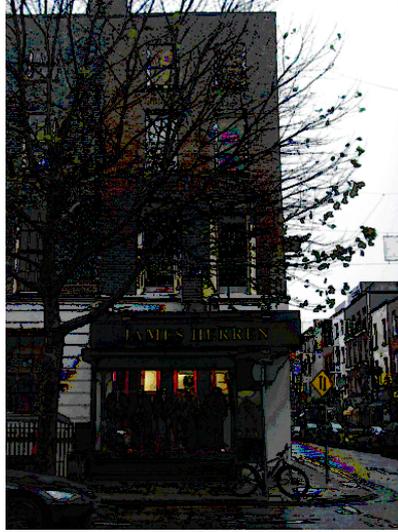


GEM Building Taxonomy Report

Dublin City Centre Building

Julie Clarke



Taxonomy string:

DX+PF /MUR+CLBRS+MOL //DY+OF /MUR+CLBRS+MOL //YAPP:1820 /HEX:4+HBEX:1+HFAPP:0.5 /COM+COM1 /BPC /PLFR /IRRE /EWMA /RSH3+RMT4 /FW+FW1 /FOSN

Material type (direction 1):

Masonry, unreinforced

Material properties (direction 1):

Lime mortar

Lateral load-resisting system (direction 1):

Unknown lateral load-resisting system

Material type (direction 2):

Masonry, unreinforced

Material properties (direction 2):

Lime mortar

Lateral load-resisting system (direction 2):

Unknown lateral load-resisting system

Foundations:

Shallow foundation, with no lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Pitched and hipped

Roof system material:

Roof material, unknown

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Wood

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

Date of construction:

Approximate date of construction or retrofit 1820

Number of storeys above the ground:

Exact number of storeys 4

Height of the grade above ground floor:

Approximate height above grade 0.5

Occupancy type - general:

Commercial and public

Country:

Ireland

Summary:

Material technology (direction 1):

Fired clay solid bricks

Material technology (additional, direction 1):

System ductility (direction 1):

Material technology (direction 2):

Fired clay solid bricks

Material technology (additional, direction 2):

System ductility (direction 2):

Plan shape:

Rectangular, solid

Building position within a block:

Corner building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Slate

Roof system type:

Floor system type:

Wood beams/trusses & joists supporting light flooring

Number of storeys below the ground:

Exact number of storeys 1

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Retail trade

Region (province, state, etc.):

Dublin City

This is a typical retail building found in the Grafton Street area of Dublin's city centre.