

GEM Building Taxonomy Report

1 Pancras Square

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Taxonomy string:

DX+PF /CR+CIP /LWAL /DY+OF /CR+CIP /LWAL /YEX:1 /12 /2013 /HEX:8+HBEX:2+HFAPP:40m /COM+COM3 /BPD /PLFR /IRRE /EWG /RSH1+RMT3+RC+RC1 /FC+FC1+FWCP /FOSDL

Material type (direction 1):

Concrete, reinforced

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Wall

Material type (direction 2):

Concrete, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Wall

Foundations:

Deep foundation, with lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Flat

Roof system material:

Concrete

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Concrete

Floor connections:

Floor-wall diaphragm connection present

Exterior walls material:

Glass

Date of construction:

Exact date of construction or retrofit 1/12/2013

Number of storeys above the ground:

Exact number of storeys 8

Height of the grade above ground floor:

Approximate height above grade 40m

Occupancy type - general:

Commercial and public

Country:

United Kingdom

Summary:

Material technology (direction 1):

Cast-in-place concrete

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Cast-in-place concrete

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Rectangular, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Membrane roofing

Roof system type:

Cast-in-place beamless RC roof

Floor system type:

Cast-in-place beamless RC floor

Number of storeys below the ground:

Exact number of storeys 2

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Offices, professional/technical services

Region (province, state, etc.):

London

High specification potentially multi tenanted speculative office building with 700 sq.m lettable floorplates.