

GEM Building Taxonomy Report

Japan - 1

Scawthorn



Taxonomy string:

DX /W+WHE /LPB /DY /W+WHE /LPB /YPRE:1850 /HEX:3+HBEX:0+HFAPP:1+HD:0 /OCO /BPD /PLFSQ /IRRE /EWW /RSH8+RMT1+RWO+RWO2 /FW+FW2 /FOSN

Material type (direction 1):

Wood

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Post and beam

Material type (direction 2):

Wood

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Post and beam

Foundations:

Shallow foundation, with no lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Complex regular

Roof system material:

Wood

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Wood

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Wood

Date of construction:

Latest possible date of construction or retrofit 1850

Number of storeys above the ground:

Exact number of storeys 3

Height of the grade above ground floor:

Approximate height above grade 1

Occupancy type - general:

Other occupancy type

Country:

Japan

Summary:

Traditional 3 story Japanese pagoda

Material technology (direction 1):

Heavy wood

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Heavy wood

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Square, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Clay or concrete tile

Roof system type:

Wooden roof structure supporting a heavy flat or domed roof

Floor system type:

Wood beams/trusses & joists supporting heavy flooring

Number of storeys below the ground:

Exact number of storeys 0

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - detail:

Region (province, state, etc.):

Kyoto 35° 1'17.61"N 135°47'20.69"E