GEM Building Taxonomy Report

Scawthorn Japan - 11

Scawthorn



Taxonomy string:

DX /ER+ETC /LWAL+DNO /DY /ER+ETC /LWAL+DNO /YAPP:1890 /HEX:2+HBEX:0+HFAPP:0.3+HD:0 /OCO /BPD /PLFR /IRRE /EWE /RSH2+RMT1+RWO+RWO2 /FW /FOSN

Material type (direction 1): Earth, reinforced Material properties (direction 1):

Lateral load-resisting system (direction 1): Wall

Material type (direction 2): Earth, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2): Wall

Foundations: Shallow foundation, with no lateral capacity

Type of Irregularity: **Regular structure**

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape: Pitched with gable ends Roof system material: Wood Roof connections: Roof-wall diaphragm connection unknown Floor system material: Wood Floor connections:

Material technology (direction 1): Cob or wet construction Material techonology (additional, direction 1):

System ductility (direction 1): Non-ductile Material technology (direction 2): Cob or wet construction

Material techonology (additional, direction 2):

System ductility (direction 2): Non-ductile

Plan shape: Rectangular, 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, unknown

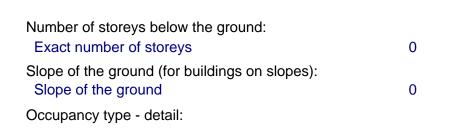
Floor-wall diaphragm connection, unknown

Exterior walls material:

Earth

Date of constrution:

Approximate date of construction or retrofit
Number of storeys above the ground:
Exact number of storeys
Height of the grade above ground floor: Approximate height above grade
Occupancy type - general: Other occupancy type
Country: Japan
Summary:



Region (province, state, etc.): Kyoto - Sakyo ku

Typical traditional Japanese storehouse ("kura"), built with thick (approx. 0.6 m) bamboo-reinforced earthen walls, intended for fire resistance (special doors and shuttered windows) to protect foot and valuables storage. More seismically resistant than traditional Japanese house (due to thick walls) nevertheless often heavily damaged in strong shaking.

1890

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