

GEM Building Taxonomy Report

Scawthorn Japan - 7

Scawthorn



Taxonomy string:

DX ///DY ///YAPP:1990 /HEX:2+HFEX:0+HD:0 /EDU /BPD /PLFI /IRIR+IRVP:SOS+IRVS:CHV /EWMA /RSH1+RMT3+RC+RWCP /FC+FWCP /FOSN

Material type (direction 1):

Unknown Material

Material technology (direction 1):

Material properties (direction 1):

Material technology (additional, direction 1):

Lateral load-resisting system (direction 1):

Unknown lateral load-resisting system

System ductility (direction 1):

Material type (direction 2):

Unknown Material

Material technology (direction 2):

Material properties (direction 2):

Material technology (additional, direction 2):

Lateral load-resisting system (direction 2):

Unknown lateral load-resisting system

System ductility (direction 2):

Foundations:

Shallow foundation, with no lateral capacity

Plan shape:

Irregular plan shape

Type of Irregularity:

Irregular structure

Building position within a block:

Detached building

Plan structural irregularity - primary:

No irregularity

Vertical structural irregularity - primary:

Plan structural irregularity - secondary:

Soft storey

Vertical structural irregularity - secondary:

Change in vertical structure

Roof shape:

Flat

Roof covering:

Membrane roofing

Roof system material:

Concrete

Roof system type:

Concrete, unknown

Roof connections:

Roof-wall diaphragm connection present

Floor system material:

Concrete

Floor system type:

Concrete, unknown

Floor connections:

Floor-wall diaphragm connection present

Exterior walls material:

Masonry

Date of construction:

Approximate date of construction or retrofit 1990

Number of storeys above the ground:

Exact number of storeys 2

Number of storeys below the ground:

Unknown number of storeys

Height of the grade above ground floor:

Exact height above grade 0

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - general:

Education

Occupancy type - detail:

Education, unknown type

Country:

Japan

Region (province, state, etc.):

Kyoto Sakyo-ku

Summary:

Modern office building yet extreme opening on ground floor with extreme overhang - would appear to have major torsional problem