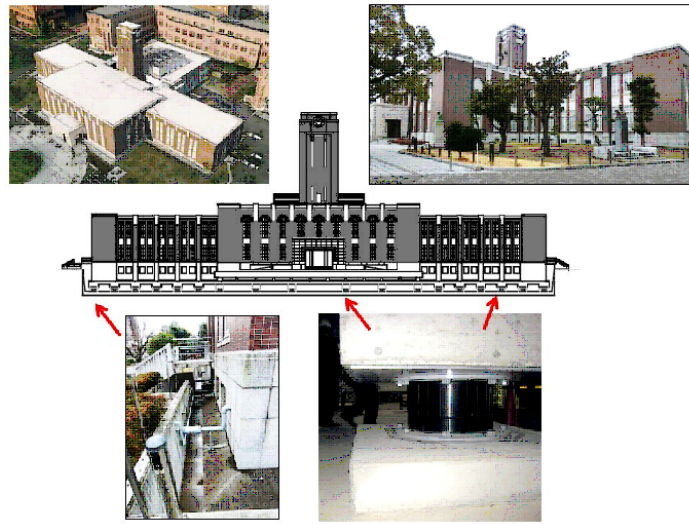


# GEM Building Taxonomy Report

Scawthorn Japan - 8

Scawthorn



Taxonomy string:

DX /CR+CIP /LFM+DUC /DY /CR+CIP /LFM+DUC /YAPP:2006 /HEX:2+HBEX:1+HFAPP:1+HD:0 /EDU+EDU3 /BPD /PLFI /IRIR+IRPP:REC+IRPS:REC+IRVP:SET /EWMA /RSH1+RMT3+RC+RC2+RWCP /FC+FC2+FWCP /FOSSL

Material type (direction 1):

Concrete, reinforced

Material technology (direction 1):

Cast-in-place concrete

Material properties (direction 1):

Material technology (additional, direction 1):

Lateral load-resisting system (direction 1):

Moment frame

System ductility (direction 1):

Ductile

Material type (direction 2):

Concrete, reinforced

Material technology (direction 2):

Cast-in-place concrete

Material properties (direction 2):

Material technology (additional, direction 2):

Lateral load-resisting system (direction 2):

Moment frame

System ductility (direction 2):

Ductile

Foundations:

Shallow foundation, with lateral capacity

Plan shape:

Irregular plan shape

Type of Irregularity:

Irregular structure

Building position within a block:

Detached building

Plan structural irregularity - primary:

Re-entrant corner

Vertical structural irregularity - primary:

Re-entrant corner

Plan structural irregularity - secondary:

Setback

Vertical structural irregularity - secondary:

No irregularity

Roof shape:

Flat

Roof covering:

Membrane roofing

Roof system material:

Concrete

Roof system type:

Cast-in-place beam-supported RC roof

Roof connections:

Roof-wall diaphragm connection present

Floor system material:

Concrete

Floor system type:

Cast-in-place beam-supported RC floor

Floor connections:

Floor-wall diaphragm connection present

Exterior walls material:

Masonry

Date of construction:

Approximate date of construction or retrofit 2006

Number of storeys above the ground:

Exact number of storeys 2

Number of storeys below the ground:

Exact number of storeys 1

Height of the grade above ground floor:

Approximate height above grade 1

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - general:

Education

Occupancy type - detail:

College/university, offices and/or classrooms

Country:

Japan

Region (province, state, etc.):

Kyoto Sakyo-ku

Summary:

University administration building built 1925 non-ductile RC frame with steel trusses spanning large second floor hall, retrofitted early 2000s using base isolation. Clock tower is vertical irregularity.