GEM Building Taxonomy Report

Scawthorn Japan - 4
Scawthorn

Taxonomy string:

DX /CR+CIP /LFM+DUC /DY /CR+CIP /LFM+DUC /YAPP:2008 /HEX:4+HBEX:1+HFAPP:2+HD:0 /EDU+EDU3 /BPD /PLFRO /IRRE /EWC /RSH1+RMT3+RC+RC2+RWCP /FC+FC2+FWCP /FOSN

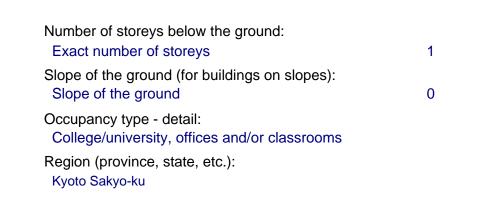|	
Material type (direction 1):	Material technology (direction 1):
Concrete, reinforced	Cast-in-place concrete
Material properties (direction 1):	Material techonology (additional, direction 1):
Lateral load-resisting system (direction 1):	System ductility (direction 1):
Moment frame	Ductile
Material type (direction 2):	Material technology (direction 2):
Concrete, reinforced	Cast-in-place concrete
Material properties (direction 2):	Material techonology (additional, direction 2):
Lateral load-resisting system (direction 2):	System ductility (direction 2):
Moment frame	Ductile
Foundations:	Plan shape:
Shallow foundation, with no lateral capacity	Rectangular, with an opening
Type of Irregularity:	Building position within a block:
Regular structure	Detached building
Plan structural irregularity - primary:	Vertical structural irregularity - primary:
Plan structural irregularity - secondary:	Vertical structural irregularity - secondary:
Roof shape:	Roof covering:
Flat	Membrane roofing
Roof system material:	Roof system type:
Concrete	Cast-in-place beam-supported RC roof
Roof connections:	
Roof-wall diaphragm connection present	
Floor system material:	Floor system type:
Concrete	Cast-in-place beam-supported RC floor
Floor connections:	
Floor-wall diaphragm connection present	
Exterior walls material:	
Concrete	

Date of constrution:
Approximate date of construction or retrofit   2008

Number of storeys above the ground:		Number of storeys below the ground:	
Exact number of storeys	4	Exact number of storeys	1
Height of the grade above ground floor:		Slope of the ground (for buildings on slopes):	
Approximate height above grade	2	Slope of the ground	0
Occupancy type - general:		Occupancy type - detail:	
Education		College/university, offices and/or classrooms	
Country:		Region (province, state, etc.):	
Japan		Kyoto Sakyo-ku	

Summary:

Typical 1960s Japanese RC frame university building, retrofitted with interesting moment-frames (painted white) attached to exterior of outer and courtyard facades.