

GEM Building Taxonomy Report

Nielsen_BuildingTypology.pdf

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Taxonomy string:

DX /CR+CIP /LFM /DY /CR+CIP /LFM /YEX:1968 /HEX:3+HBEX:1+HFAPP:36+HD:10 /EDU+EDU4 /BPD /PLFSQ /IRRE /EWMA /RSH1+RMT3+RC+RC1 /FC+FC1 /

Material type (direction 1):

Concrete, reinforced

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Moment frame

Material type (direction 2):

Concrete, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Moment frame

Foundations:

Unknown foundation system

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Flat

Roof system material:

Concrete

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Concrete

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

Date of construction:

Exact date of construction or retrofit 1968

Number of storeys above the ground:

Exact number of storeys 3

Height of the grade above ground floor:

Approximate height above grade 36

Occupancy type - general:

Education

Country:

United States

Summary:

Material technology (direction 1):

Cast-in-place concrete

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Cast-in-place concrete

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:

Membrane roofing

Roof system type:

Cast-in-place beamless RC roof

Floor system type:

Cast-in-place beamless RC floor

Number of storeys below the ground:

Exact number of storeys 1

Slope of the ground (for buildings on slopes):

Slope of the ground 10

Occupancy type - detail:

College/university, research facilities and/or labs

Region (province, state, etc.):

Idaho

Typical of several buildings of this era on our campus.