

GEM Building Taxonomy Report

Haiti Apartment Building

Tim Hart



Taxonomy string:

DX+PF /CR+CIP /LFINF /DY+OF /CR+CIP /LFINF //HBET:1,4+HFBET:3,5 /RES+RES2 /BPD /PLFR /IRIR+IRPP:REC+IRVP:SOS+IRVS:SET /EWMA /RSH1+RMN+RC+RC1 /FC+FC1 /FOSN

Material type (direction 1):

Concrete, reinforced

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Infilled frame

Material type (direction 2):

Concrete, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Infilled frame

Foundations:

Shallow foundation, with no lateral capacity

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

Re-entrant corner

Plan structural irregularity - secondary:

Soft storey

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:

Year unknown

Number of storeys above the ground:

Range of the number of storeys 1-4

Height of the grade above ground floor:

Range of height above grade 3-5

Occupancy type - general:

Residential

Country:

Haiti

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:

Rectangular, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

No irregularity

Vertical structural irregularity - secondary:

Setback

Roof covering:

Concrete roof, no covering

Roof system type:

Cast-in-place beamless RC roof

Floor system type:

Cast-in-place beamless RC floor

Number of storeys below the ground:

Unknown number of storeys

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Multi-unit, unknown type

Region (province, state, etc.):

Jacmel

A typical multiunit residential building in Haiti.