

GEM Building Taxonomy Report

Parris_BuildingTypology

Greg Parris

Picture not available

Taxonomy string:

DX /MR+CBH+RS+MOC /LWAL+DNO /DY /MR+CBH+RS+MOC /LWAL+DNO /YBET:2011,2012 /HEX:1+HBEX:0+HFEX:0.6 /RES+RES1 /BPD /PLFR /IRRE /EWMA /RSH3+RMT6+RWO+RWO1+RTDP /FN+FWCN /FOSSL

Material type (direction 1):

Masonry, reinforced

Material properties (direction 1):

Cement mortar

Lateral load-resisting system (direction 1):

Wall

Material type (direction 2):

Masonry, reinforced

Material properties (direction 2):

Cement mortar

Lateral load-resisting system (direction 2):

Wall

Foundations:

Shallow foundation, with lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Pitched and hipped

Roof system material:

Wood

Roof connections:

Roof tie-down present

Floor system material:

No elevated or suspended floor material (single-storey)

Floor connections:

Floor-wall diaphragm connection not provided

Exterior walls material:

Masonry

Date of construction:

Bounds for the date of construction or retro 2011-2012

Number of storeys above the ground:

Exact number of storeys 1

Height of the grade above ground floor:

Exact height above grade 0.6

Occupancy type - general:

Residential

Country:

Barbados

Summary:

Material technology (direction 1):

Concrete blocks, hollow

Material technology (additional, direction 1):

Steel-reinforced

System ductility (direction 1):

Non-ductile

Material technology (direction 2):

Concrete blocks, hollow

Material technology (additional, direction 2):

Steel-reinforced

System ductility (direction 2):

Non-ductile

Plan shape:

Rectangular, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Metal sheets

Roof system type:

Wooden beams/trusses and purlins with light roof

Floor system type:

Number of storeys below the ground:

Exact number of storeys 0

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Single dwelling

Region (province, state, etc.):

St Peter

Single story, reinforced concrete masonry building with timber roof members supporting lightweight metal sheeting. Walls supported on shallow strip footings.