

GEM Building Taxonomy Report

Hillside Brick House

NED University



Taxonomy string:

DX /MUR+CLBRS+MOC /LWAL /DY /MUR+CLBRS+MOC /LWAL / /HEX:2+HBEX:0 /RES+RES1 /BP3 /PLFR /IRIR+IRVP:CHV /EWMA /RSH5+RMT6+RME+RME1+RWCN /FC+FC4+FWCN /

Material type (direction 1):

Masonry, unreinforced

Material properties (direction 1):

Cement mortar

Lateral load-resisting system (direction 1):

Wall

Material type (direction 2):

Masonry, unreinforced

Material properties (direction 2):

Cement mortar

Lateral load-resisting system (direction 2):

Wall

Foundations:

Unknown foundation system

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

No irregularity

Plan structural irregularity - secondary:

Change in vertical structure

Roof shape:

Monopitch

Roof system material:

Metal

Roof connections:

Roof-wall diaphragm connection not provided

Floor system material:

Concrete

Floor connections:

Floor-wall diaphragm connection not provided

Exterior walls material:

Masonry

Date of construction:

Year unknown

Number of storeys above the ground:

Exact number of storeys

2

Height of the grade above ground floor:

Height above grade unknown

Occupancy type - general:

Residential

Country:

Pakistan

Summary:

Material technology (direction 1):

Fired clay solid bricks

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Fired clay solid bricks

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Rectangular, solid

Building position within a block:

Three adjacent buildings

Vertical structural irregularity - primary:

No irregularity

Vertical structural irregularity - secondary:

No irregularity

Roof covering:

Metal sheets

Roof system type:

Metal beams or trusses supporting light roofing

Floor system type:

Precast concrete floor without RC topping

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.):

Gilgit

Brick House built on hillside slope, surrounded by a lot of other similar houses