

GEM Building Taxonomy Report

Traditional House

NED University



Taxonomy string:

DX /MUR+STRUB+MOC /LWAL /DY /MUR+STRUB+MOC /LWAL / /HEX:2+HBEX:0 /RES+RES1 /BPD /PLFR /IRIR+IRVP:SET /EWMA /RSH8+RM9T+RWO+RWO2+RWCN /FW+FW2+FWCN /FOSN

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:

Shallow foundation, with no lateral capacity

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

No irregularity

Plan structural irregularity - secondary:

Setback

Roof shape:

Complex regular

Roof system material:

Wood

Roof connections:

Roof-wall diaphragm connection not provided

Floor system material:

Wood

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):

Rubble (field stone) or semi-dressed stone

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Rubble (field stone) or semi-dressed stone

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:

No irregularity

Roof covering:

Earthen

Roof system type:

Wooden roof structure supporting a heavy flat or domed roof

Floor system type:

Wood beams/trusses & joists supporting heavy flooring

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.):

Town of Karimabad, Hunza Valley, Gilgit Baltistan province

Traditional style of construction in the region