

# GEM Building Taxonomy Report

EMCA-4,1

InTUIT



## Taxonomy string:

DX+PF /EU /LN /DY+OF /EU /LN /YAPP:1995 /HEX:1+HFEX:3 /RES+RES1 /BPD /PLFR /IRIR+IRPP:TOR+IRVP:SET /EWE /RSH3+RMT4+RWO+RWO1 /FW+FW1 /FOSN

## Material type (direction 1):

Earth, unreinforced

## Material properties (direction 1):

## Lateral load-resisting system (direction 1):

No lateral load-resisting system

## Material type (direction 2):

Earth, unreinforced

## Material properties (direction 2):

## Lateral load-resisting system (direction 2):

No lateral load-resisting system

## Foundations:

Shallow foundation, with no lateral capacity

## Type of Irregularity:

Irregular structure

## Plan structural irregularity - primary:

Torsion eccentricity

## Plan structural irregularity - secondary:

Setback

## Roof shape:

Pitched and hipped

## Roof system material:

Wood

## Roof connections:

Roof-wall diaphragm connection unknown

## Floor system material:

Wood

## Floor connections:

Floor-wall diaphragm connection, unknown

## Exterior walls material:

Earth

## Date of construction:

Approximate date of construction or retrofit 1995

## Number of storeys above the ground:

Exact number of storeys 1

## Height of the grade above ground floor:

Exact height above grade 3

## Occupancy type - general:

Residential

## Country:

Kyrgyzstan

## Summary:

Buildings with adobe or earthen walls

## Material technology (direction 1):

Unknown earth technology

## Material technology (additional, direction 1):

## System ductility (direction 1):

## Material technology (direction 2):

Unknown earth technology

## Material technology (additional, direction 2):

## System ductility (direction 2):

## 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:

Slate

## Roof system type:

Wooden beams/trusses and purlins with light roof

## Floor system type:

Wood beams/trusses & joists supporting light flooring

## Number of storeys below the ground:

Unknown number of storeys

## Slope of the ground (for buildings on slopes):

Unknown slope

## Occupancy type - detail:

Single dwelling

## Region (province, state, etc.):

Bishkek