

GEM Building Taxonomy Report

EMCA-5

InTUIT



Taxonomy string:

DX /W+WLI /LWAL /DY /W+WLI /LWAL /YAPP:1900 /HEX:2+HFEX:6+HD:15 /RES+RES1 /BPD /PLFR /IRRE /EWW /RSH3+RMT4+RWO+RWO1+RWCP /FW+FW1+FWCP /FOSN

Material type (direction 1):

Wood

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Wall

Material type (direction 2):

Wood

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Wall

Foundations:

Shallow foundation, with no 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-wall diaphragm connection present

Floor system material:

Wood

Floor connections:

Floor-wall diaphragm connection present

Exterior walls material:

Wood

Date of construction:

Approximate date of construction or retrofit 1900

Number of storeys above the ground:

Exact number of storeys 2

Height of the grade above ground floor:

Exact height above grade 6

Occupancy type - general:

Residential

Country:

Kyrgyzstan

Summary:

Material technology (direction 1):

Light wood members

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Light wood members

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:

Vertical structural irregularity - secondary:

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):

Slope of the ground 15

Occupancy type - detail:

Single dwelling

Region (province, state, etc.):

Bishkek

Buildings with load-bearing braced wooden frames