

GEM Building Taxonomy Report

Wooden Walls with Inclined Roof

A.S. Moghadam and M. Yekrangnia



Taxonomy string:

DX /W+WO / /DY /W+WO / /YAPP:1980's /HBET:1,2+HBEX:0+HD:0 /RES /BPD /PLFR / /EWMA /RSH3+RMT8+RWO /FW+FW1 /FOSN

Material type (direction 1):

Wood

Material technology (direction 1):

Wood, other

Material properties (direction 1):

Material technology (additional, direction 1):

Lateral load-resisting system (direction 1):

Unknown lateral load-resisting system

System ductility (direction 1):

Material type (direction 2):

Wood

Material technology (direction 2):

Wood, other

Material properties (direction 2):

Material technology (additional, direction 2):

Lateral load-resisting system (direction 2):

Unknown lateral load-resisting system

System ductility (direction 2):

Foundations:

Shallow foundation, with no lateral capacity

Plan shape:

Rectangular, solid

Type of Irregularity:

Unknown structural irregularity

Building position within a block:

Detached building

Plan structural irregularity - primary:

Vertical structural irregularity - primary:

Plan structural irregularity - secondary:

Vertical structural irregularity - secondary:

Roof shape:

Pitched and hipped

Roof covering:

Vegetative

Roof system material:

Wood

Roof system type:

Wood, unknown

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Wood

Floor system type:

Wood beams/trusses & joists supporting light flooring

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

Wood and clay

Date of construction:

Approximate date of construction or retrofit 1980's

Number of storeys above the ground:

Range of the number of storeys 1-2

Number of storeys below the ground:

Exact number of storeys 0

Height of the grade above ground floor:

Height above grade unknown 2.0

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - general:

Residential

Occupancy type - detail:

Residential, unknown type

Country:

Iran

Region (province, state, etc.):

Tehran

Summary:

Usually found in northern part of Iran where there is considerable rain fall.