

GEM Building Taxonomy Report

Adobe Wooden Flat Roof
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Taxonomy string:

DX /EU+ETR /LN /DY /EU+ETR /LN /YAPP:1980's /HBET:1,2+HFBET:2.7,3.0 /RES /BPD /PLFR //EWE /RSH1+RMT7+RWO+RWO1 /FW /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:

Unknown structural irregularity

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Flat

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 1980's

Number of storeys above the ground:

Range of the number of storeys 1-2

Height of the grade above ground floor:

Range of height above grade 2.7-3.0

Occupancy type - general:

Residential

Country:

Iran

Summary:

Material technology (direction 1):

Rammed earth

Material technology (additional, direction 1):

System ductility (direction 1):

Material technology (direction 2):

Rammed earth

Material technology (additional, direction 2):

System ductility (direction 2):

Plan shape:

Rectangular, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Wooden and asphalt shingles

Roof system type:

Wooden beams/trusses and purlins with light roof

Floor system type:

Wood, unknown

Number of storeys below the ground:

Unknown number of storeys

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Residential, unknown type

Region (province, state, etc.):

Tehran

This kind of buildings are usually found in mountainous regions and have more scattering in characteristics compared to adobe curved roof buildings