

# GEM Building Taxonomy Report

Cement block walls with inclined roof

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Taxonomy string:

DX /MUR+CBH /LN /DY /MUR+CBH /LN /YAPP:1980's /HBET:1,2+HBEX:0+HD:0 /RES /BPD /PLFR / /EWMA /RSH3+RMT6+RME+RME1 / /FOSN

Material type (direction 1):

Masonry, unreinforced

Material properties (direction 1):

Mortar type, unknown

Lateral load-resisting system (direction 1):

No lateral load-resisting system

Material type (direction 2):

Masonry, unreinforced

Material properties (direction 2):

Mortar type, unknown

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:

Pitched and hipped

Roof system material:

Metal

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Floor material, unknown

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

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:

Height above grade unknown 2.0

Occupancy type - general:

Residential

Country:

Iran

Summary:

Material technology (direction 1):

Concrete blocks, hollow

Material technology (additional, direction 1):

System ductility (direction 1):

Material technology (direction 2):

Concrete blocks, hollow

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:

Metal sheets

Roof system type:

Metal beams or trusses supporting light roofing

Floor system type:

Number of storeys below the ground:

Exact number of storeys 0

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - detail:

Residential, unknown type

Region (province, state, etc.):

Tehran

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