GEM Building Taxonomy Report

Adobe Curved Roof

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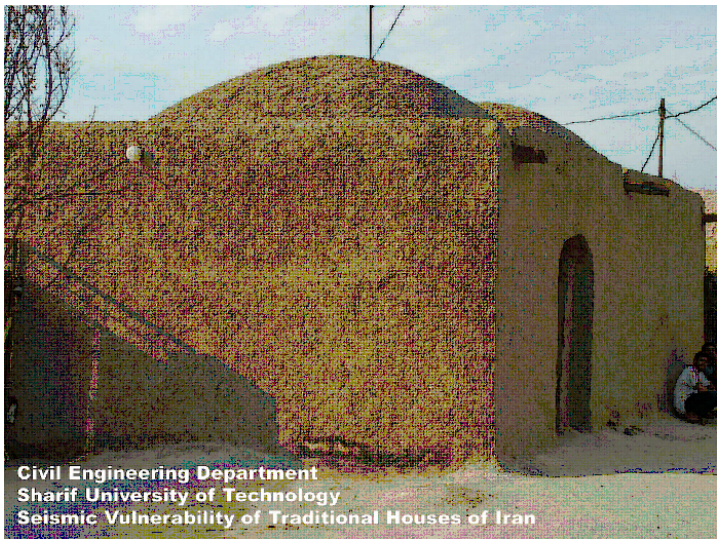

Taxonomy string:
DX /EU+ETR /LN /DY /EU+ETR /LN /YAPP:1980's /HEX:1+HBEX:0+HFBET:2.0,2.8+HD:0 /RES /BPI /PLFSQ / /EWE /RSH7+RM9T+RE+RE1 /FN /FOSN

Material type (direction 1):
Earth, unreinforced

Material technology (direction 1):
Rammed earth

Material properties (direction 1):

Material techonology (additional, direction 1):

Lateral load-resisting system (direction 1):
No lateral load-resisting system

System ductility (direction 1):

Material type (direction 2):
Earth, unreinforced

Material technology (direction 2):
Rammed earth

Material properties (direction 2):

Material techonology (additional, direction 2):

Lateral load-resisting system (direction 2):
No lateral load-resisting system

System ductility (direction 2):

Foundations:
Shallow foundation, with no lateral capacity

Plan shape:
Square, solid

Type of Irregularity:
Unknown structural irregularity

Building position within a block:
Interior of block

Plan structural irregularity - primary:

Vertical structural irregularity - primary:

Plan structural irregularity - secondary:

Vertical structural irregularity - secondary:

Roof shape:
Curved

Roof covering:
Earthen

Roof system material:
Earthen

Roof system type:
Vaulted earthen roofs

Roof connections:
Roof-wall diaphragm connection unknown

Floor system material:
No elevated or suspended floor material (single-storey

Floor system type:

Floor connections:
Floor-wall diaphragm connection, unknown

Exterior walls material:
Earth

Date of construtions:
Approximate date of construction or retrofit 1980's

Number of storeys above the ground:
Exact number of storeys 1

Number of storeys below the ground:
Exact number of storeys 0

Height of the grade above ground floor:
Range of height above grade 2.0-2.8

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:

This kind of Buildings are found inarid andsemi arid areas.They have very thick walls (0.6m~1.8m) which provides good insulation and has great sesimic capacity, if properly taken care of.