GEM Building Taxonomy Report

Adobe single residential house

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Taxonomy string:

DX /MUR+ADO /LWAL /DY /MUR+ADO /LWAL /YAPP:2000 /HEX:1+HBEX:0+HFAPP:2,5 /RES+RES1 /BPD /PLFRO /IRRE /EWMA /RSH3+RMT8+RWO / /FOSN

Material type (direction 1):
  Masonry, unreinforced

Material technology (direction 1):
  Adobe blocks

Material properties (direction 1):
  Mortar type, unknown

Material techonology (additional, direction 1):

Lateral load-resisting system (direction 1):
  Wall

System ductility (direction 1):
  Ductility unknown

Material type (direction 2):
  Masonry, unreinforced

Material technology (direction 2):
  Adobe blocks

Material properties (direction 2):
  Mortar type, unknown

Material techonology (additional, direction 2):

Lateral load-resisting system (direction 2):
  Wall

System ductility (direction 2):
  Ductility unknown

Foundations:
  Shallow foundation, with no lateral capacity

Plan shape:
  Rectangular, with an opening

Type of Irregularity:
  Regular structure

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:
  Floor material, unknown

Floor system type:

Floor connections:
  Floor-wall diaphragm connection, unknown

Exterior walls material:
  Masonry

Date of constrution:
  Approximate date of construction or retrofit   2000

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:
  Approximate height above grade   2,5

Slope of the ground (for buildings on slopes):
  Unknown slope

Occupancy type - general:
  Residential

Occupancy type - detail:
  Single dwelling

Country:
  Malawi

Region (province, state, etc.):

Summary:

Typical residential building