

GEM Building Taxonomy Report

Jalan Pondock, Padang, Indonesia
Simpson S

Picture not available

Taxonomy string:

DX+PF /MUR+CLBRS+MOL /LWAL+DNO /DY+OF /MUR+CLBRS+MOL /LWAL+DNO /YAPP:1900 /HEX:4+HBEX:0+HFEX:0+HD:Flat /RES+RES1 /BPI /PLFRO /IRRE /EWMA /RSH2+RMT1+RWO+RWO1+RWCN /FW+FW1+FWCN /FOSSL

Material type (direction 1):

Masonry, unreinforced

Material technology (direction 1):

Fired clay solid bricks

Material properties (direction 1):

Lime mortar

Material technology (additional, direction 1):

Lateral load-resisting system (direction 1):

Wall

System ductility (direction 1):

Non-ductile

Material type (direction 2):

Masonry, unreinforced

Material technology (direction 2):

Fired clay solid bricks

Material properties (direction 2):

Lime mortar

Material technology (additional, direction 2):

Lateral load-resisting system (direction 2):

Wall

System ductility (direction 2):

Non-ductile

Foundations:

Shallow foundation, with lateral capacity

Plan shape:

Rectangular, with an opening

Type of Irregularity:

Regular structure

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:

Pitched with gable ends

Roof covering:

Clay or concrete tile

Roof system material:

Wood

Roof system type:

Wooden beams/trusses and purlins with light roof

Roof connections:

Roof-wall diaphragm connection not provided

Floor system material:

Wood

Floor system type:

Wood beams/trusses & joists supporting light flooring

Floor connections:

Floor-wall diaphragm connection not provided

Exterior walls material:

Masonry

Date of construction:

Approximate date of construction or retrofit 1900

Number of storeys above the ground:

Exact number of storeys 4

Number of storeys below the ground:

Exact number of storeys 0

Height of the grade above ground floor:

Exact height above grade 0

Slope of the ground (for buildings on slopes):

Slope of the ground Flat

Occupancy type - general:

Residential

Occupancy type - detail:

Single dwelling

Country:

Indonesia

Region (province, state, etc.):

West Sumatera

Summary:

Traditional Building in Jalan Pondock, masonry with timber floors, traditional chinatown building with facade highlevel extended to kerb line, and pathway behind masonry colonade, little lateral tying, suffered badly in the Padang Earthquake of September 2010