

GEM Building Taxonomy Report

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Taxonomy string:

DX /MCF+CLBRS+MOC /LWAL /DY /MCF+CLBRS+MOC /LWAL //HAPP:1-2+HFAPP:3-6 /RES+RES1 /BPD //IRRE /EWMA /+RMT6+RWO /FW /FOSSL

Material type (direction 1):

Masonry, confined

Material properties (direction 1):

Cement mortar

Lateral load-resisting system (direction 1):

Wall

Material type (direction 2):

Masonry, confined

Material properties (direction 2):

Cement mortar

Lateral load-resisting system (direction 2):

Wall

Foundations:

Shallow foundation, with lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Unknown roof shape

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:

Masonry

Date of construction:

Year unknown

Number of storeys above the ground:

Approximate number of storeys 1-2

Height of the grade above ground floor:

Approximate height above grade 3-6

Occupancy type - general:

Residential

Country:

Indonesia

Summary:

Material technology (direction 1):

Fired clay solid bricks

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Fired clay solid bricks

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Unknown plan shape

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Metal sheets

Roof system type:

Wood, unknown

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:

Single dwelling

Region (province, state, etc.):

Throughout Indonesia

Brick/ block masonry in cement-sand mortar with reinforced concrete tie beams and columns. Plan shape may change depending upon availability of land and building owner's preference, roof shape/ roofing materials and floor structure many change depending upon availability of materials and resources. Common in both rural and urban areas.