

GEM Building Taxonomy Report

moroni-confinedmasonry.pdf

ofelia moroni

Picture not available

Taxonomy string:

DX /MCF+CLBRH+MOC /LWAL /DY /MCF+CLBRH+MOC /LWAL /YBET:1985,2013 /HBET:3,5+HBAPP:0+HFBET:6.5,11+HD:any /RES+RES2 / /PLFR /IRRE /EWMA /RSH2+RMT2+RWO+RTD99 /FC+FC4+FWCP /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:

Pitched with gable ends

Roof system material:

Wood

Roof connections:

Roof tie-down unknown

Floor system material:

Concrete

Floor connections:

Floor-wall diaphragm connection present

Exterior walls material:

Masonry

Date of construction:

Bounds for the date of construction or retro 1985-2013

Number of storeys above the ground:

Range of the number of storeys 3-5

Height of the grade above ground floor:

Range of height above grade 6.5-11

Occupancy type - general:

Residential

Country:

Chile

Summary:

Material technology (direction 1):

Fired clay hollow bricks

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Fired clay hollow bricks

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Rectangular, solid

Building position within a block:

Unknown building position

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Fibre cement or metal tile

Roof system type:

Wood, unknown

Floor system type:

Precast concrete floor without RC topping

Number of storeys below the ground:

Approximate number of storeys 0

Slope of the ground (for buildings on slopes):

Slope of the ground any

Occupancy type - detail:

Multi-unit, unknown type

Region (province, state, etc.):

all regions

this is the typology most use in dwellings constructed with the supervision of the Minister of Housing