

GEM Building Taxonomy Report

GR_Montereros_2

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Taxonomy string:

DX /S /LPB /DY /S /LPB /YEX:2009 /HEX:4 /RES+RES2D /BPC /PLFSQ /IRIR+IRVP:SOS /EWMA /RSH2+RMT1+RME+RTDP /FME+FWCP /

Material type (direction 1):

Steel

Material properties (direction 1):

Unknown connection

Lateral load-resisting system (direction 1):

Post and beam

Material type (direction 2):

Steel

Material properties (direction 2):

Welded connections

Lateral load-resisting system (direction 2):

Post and beam

Foundations:

Unknown foundation system

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

No irregularity

Plan structural irregularity - secondary:

Soft storey

Roof shape:

Pitched with gable ends

Roof system material:

Metal

Roof connections:

Roof tie-down present

Floor system material:

Metal

Floor connections:

Floor-wall diaphragm connection present

Exterior walls material:

Masonry

Date of construction:

Exact date of construction or retrofit 2009

Number of storeys above the ground:

Exact number of storeys 4

Height of the grade above ground floor:

Height above grade unknown

Occupancy type - general:

Residential

Country:

Spain

Summary:

Material technology (direction 1):

Steel connections, unknown

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Steel, unknown

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Square, solid

Building position within a block:

Corner building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

No irregularity

Roof covering:

Clay or concrete tile

Roof system type:

Metal, unknown

Floor system type:

Metal, unknown

Number of storeys below the ground:

Unknown number of storeys

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

10-19 Units

Region (province, state, etc.):

Granada (Andalucía)

Typical residential and comercial building with Seismic design code