GEM Building Taxonomy Report

Martinez-Leon_BuildingTypology.pdf
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Taxonomy string:

DX+PF /MCF+CBH+MOC /LWAL+DNO /DY+OF /MCF+CBH+MOC /LWAL+DNO /YAPP:2013 /HEX:2+HBEX:0+HFEX:5.5+HD:2 /RES+RES2C /BPI /PLFR /IRIR+IRPP:TOR+IRPS:TOR+IRVP:CHV+IRVS:CHV /EWMA /RSH1+RMT3+RC+RWCP /FC+FWCP /FOSSL

Material type (direction 1):
  Masonry, confined

Material technology (direction 1):
  Concrete blocks, hollow

Material properties (direction 1):
  Cement mortar

Material techonology (additional, direction 1):

Lateral load-resisting system (direction 1):
  Wall

System ductility (direction 1):
  Non-ductile

Material type (direction 2):
  Masonry, confined

Material technology (direction 2):
  Concrete blocks, hollow

Material properties (direction 2):
  Cement mortar

Material techonology (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, solid

Type of Irregularity:
  Irregular structure

Building position within a block:
  Interior of block

Plan structural irregularity - primary:
  Torsion eccentricity

Vertical structural irregularity - primary:
  Torsion eccentricity

Plan structural irregularity - secondary:
  Change in vertical structure

Vertical structural irregularity - secondary:
  Change in vertical structure

Roof shape:
  Flat

Roof covering:
  Membrane roofing

Roof system material:
  Concrete

Roof system type:
  Concrete, unknown

Roof connections:
  Roof-wall diaphragm connection present

Floor system material:
  Concrete

Floor system type:
  Concrete, unknown

Floor connections:
  Floor-wall diaphragm connection present

Exterior walls material:
  Masonry

Date of constrution:
  Approximate date of construction or retrofit 2013

Number of storeys above the ground:
  Exact number of storeys   2

Number of storeys below the ground:
  Exact number of storeys   0

Height of the grade above ground floor:
  Exact height above grade   5.5

Slope of the ground (for buildings on slopes):
  Slope of the ground   2

Occupancy type - general:
  Residential

Occupancy type - detail:
  5-9 Units

Country:
  Mexico

Region (province, state, etc.):
  Baja California

Summary:

Typical residential building found all over the country