

# GEM Building Taxonomy Report

College d'Education Moderne - elementary school  
Abe Lynn



## Taxonomy string:

DX+PF /MCF+CBH+MOC /LWAL+DNO /DY+OF /MCF+CBH+MOC /LWAL+DNO //HEX:3+HBEX:0+HFEX:.2+HD:0 /EDU+EDU2 /BPD /PLFL  
/IRIR+IRPP:REC+IRVP:CHV /EWMA /RSH1+RMN+RC+RC1+RWCN /FC+FC1+FWCN /FOSSL

## Material type (DX):

Masonry, confined

## Material technology (DX):

Concrete blocks, hollow

## Material properties (DX):

Cement mortar

## Material type (DY):

Masonry, confined

## Material technology (DY):

Concrete blocks, hollow

## Material properties (DY):

Cement mortar

## Type of lateral load-resisting system (DX):

Wall

## System ductility (DX):

Non-ductile

## System ductility (DY):

Non-ductile

## Number of storeys above ground:

## Building occupancy class - general:

Education

## Building Position within a block:

Detached building

## Shape of the Building Plan:

L-shape

## Type of irregularity:

Irregular structure

## Plan structural irregularity - primary:

Re-entrant corner

## Vertical structural irregularity - primary:

Change in vertical structure

## Roof shape:

Flat

## Roof covering:

Concrete roof, no covering

## Roof connections:

Roof-wall diaphragm connection not provided

## Floor system material:

Concrete

## Summary:

Three-story, confined masonry building with RC flat plate floor and roof construction. Third story collapsed during earthquake.