

# GEM Building Taxonomy Report

House in Athens

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## Taxonomy string:

DX+PF /CR+PC /LFM+DUC /DY+OF /CR+PC /LFM+DUC /YAPP:1977 /HEX:3+HBEX:3+HFAPP:8,50+HD:10 /RES+RES2B /BPD /PLFR /IRRE /EWMA /RSH1+RMN+RC+RC2+RWCP /FC+FC2 /FOSSL

## Material type (direction 1):

Concrete, reinforced

## Material technology (direction 1):

Precast concrete

## Material properties (direction 1):

## Material technology (additional, direction 1):

## Lateral load-resisting system (direction 1):

Moment frame

## System ductility (direction 1):

Ductile

## Material type (direction 2):

Concrete, reinforced

## Material technology (direction 2):

Precast concrete

## Material properties (direction 2):

## Material technology (additional, direction 2):

## Lateral load-resisting system (direction 2):

Moment frame

## System ductility (direction 2):

Ductile

## Foundations:

Shallow foundation, with lateral capacity

## Plan shape:

Rectangular, solid

## Type of Irregularity:

Regular structure

## Building position within a block:

Detached building

## Plan structural irregularity - primary:

## Vertical structural irregularity - primary:

## Plan structural irregularity - secondary:

## Vertical structural irregularity - secondary:

## Roof shape:

Flat

## Roof covering:

Concrete roof, no covering

## Roof system material:

Concrete

## Roof system type:

Cast-in-place beam-supported RC roof

## Roof connections:

Roof-wall diaphragm connection present

## Floor system material:

Concrete

## Floor system type:

Cast-in-place beam-supported RC floor

## Floor connections:

Floor-wall diaphragm connection, unknown

## Exterior walls material:

Masonry

## Date of construction:

Approximate date of construction or retrofit 1977

## Number of storeys above the ground:

Exact number of storeys 3

## Number of storeys below the ground:

Exact number of storeys 3

## Height of the grade above ground floor:

Approximate height above grade 8,50

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

Slope of the ground 10

## Occupancy type - general:

Residential

## Occupancy type - detail:

3-4 Units

## Country:

Greece

## Region (province, state, etc.):

Attica

## Summary:

A typical residential family building