

GEM Building Taxonomy Report

Reinforced Concrete Structures Laboratory

Demeter I.



Taxonomy string:

DX+PF /CR+CIP /LPB /DY+OF /CR+CIP /LFINF /YAPP:1970 /HEX:1+HBEX:0+HFEX:0+HD:0 /EDU+EDU4 /BP1 /PLFR /IRIR+IRVP:CHV /EWMA /RSH1+RMT3+RC+RC4+RTD99 /FN /FOSN

Material type (direction 1):

Concrete, reinforced

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Post and beam

Material type (direction 2):

Concrete, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Infilled frame

Foundations:

Shallow foundation, with no lateral capacity

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

No irregularity

Plan structural irregularity - secondary:

Change in vertical structure

Roof shape:

Flat

Roof system material:

Concrete

Roof connections:

Roof tie-down unknown

Floor system material:

No elevated or suspended floor material (single-storey)

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

Date of construction:

Approximate date of construction or retrofit 1970

Number of storeys above the ground:

Exact number of storeys 1

Height of the grade above ground floor:

Exact height above grade 0

Occupancy type - general:

Education

Country:

Romania

Summary:

Material technology (direction 1):

Cast-in-place concrete

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Cast-in-place concrete

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Rectangular, solid

Building position within a block:

One adjacent building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

No irregularity

Roof covering:

Membrane roofing

Roof system type:

Precast concrete roof without RC topping

Floor system type:

Number of storeys below the ground:

Exact number of storeys 0

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - detail:

College/university, research facilities and/or labs

Region (province, state, etc.):

Timis