

GEM Building Taxonomy Report

Timber shop building in the courtyard of the faculty
Demeter I.



Taxonomy string:

DX+PF /CR+CIP /LFINF /DY+OF /CR+CIP /LFINF /YBET:1980,1990 /HEX:1+HBEX:0+HFAPP:0+HD:0 /COM+COM3 /BPD /PLFR /IRIR+IRVP:IRVO /EWMA /RSH7+RMT3+RC /FN /

Material type (direction 1):

Concrete, reinforced

Material technology (direction 1):

Cast-in-place concrete

Material properties (direction 1):

Material technology (additional, direction 1):

Lateral load-resisting system (direction 1):

Infilled frame

System ductility (direction 1):

Ductility unknown

Material type (direction 2):

Concrete, reinforced

Material technology (direction 2):

Cast-in-place concrete

Material properties (direction 2):

Material technology (additional, direction 2):

Lateral load-resisting system (direction 2):

Infilled frame

System ductility (direction 2):

Ductility unknown

Foundations:

Unknown foundation system

Plan shape:

Rectangular, solid

Type of Irregularity:

Irregular structure

Building position within a block:

Detached building

Plan structural irregularity - primary:

No irregularity

Vertical structural irregularity - primary:

Plan structural irregularity - secondary:

Other vertical irregularity

Vertical structural irregularity - secondary:

No irregularity

Roof shape:

Curved

Roof covering:

Membrane roofing

Roof system material:

Concrete

Roof system type:

Concrete, unknown

Roof connections:

Roof-wall diaphragm connection unknown

Floor system type:

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:

Bounds for the date of construction or retro 1980-1990

Number of storeys above the ground:

Exact number of storeys 1

Number of storeys below the ground:

Exact number of storeys 0

Height of the grade above ground floor:

Approximate height above grade 0

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - general:

Commercial and public

Occupancy type - detail:

Offices, professional/technical services

Country:

Romania

Region (province, state, etc.):

Timisoara

Summary:

a quite unique type of building with curved roof made of precast concrete elements