

GEM Building Taxonomy Report

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Taxonomy string:

DX+PF /CR+CIP /LFINF /DY+OF /CR+CIP /LPB /YBET:1980,1990 /HEX:1+HBEX:0+HFEX:0+HD:0 /COM+COM3 /BPD /PLFR /IRIR+IRPP:IRHO+IRVP:IRVO /EWO /RSH1+RMT3+RC+RC4+RTD99 /FN /

Material type (direction 1):

Concrete, reinforced

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Infilled frame

Material type (direction 2):

Concrete, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Post and beam

Foundations:

Unknown foundation system

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

Other horizontal irregularity

Plan structural irregularity - secondary:

Other vertical irregularity

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:

Material of exterior wall, other

Date of construction:

Bounds for the date of construction or retro 1980-1990

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:

Commercial and public

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:

Detached building

Vertical structural irregularity - primary:

No irregularity

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:

Offices, professional/technical services

Region (province, state, etc.):

Timisoara

industrial type building for testing structural elements in civil engineering.