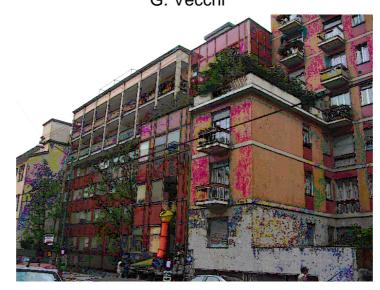
## GEM Building Taxonomy Report

RC Typical Italian Building G. Vecchi



Taxonomy string:

DX / / /DY /CR+CIP /LFINF+DNO /YBET:1950,1960 /HBET:4,6+HBBET:0,1+HFBET:13,20+HD:0 /MIX+MIX1 /BPI /PLFI /IRIR+IRPP:TOR+IRPS:TOR+IRVP:CHV+IRVS:CHV /EWMA /RSH1+RMT3+RFA /FO+FWCN /FOSN Material type (direction 1): Material technology (direction 1): **Unknown Material** Material properties (direction 1): Material techonology (additional, direction 1): Lateral load-resisting system (direction 1): System ductility (direction 1): Unknown lateral load-resisting system Material type (direction 2): Material technology (direction 2): Concrete, reinforced Cast-in-place concrete Material properties (direction 2): Material techonology (additional, direction 2): Lateral load-resisting system (direction 2): System ductility (direction 2): Infilled frame Non-ductile Foundations: Plan shape: Shallow foundation, with no lateral capacity Irregular plan shape Type of Irregularity: Building position within a block: Irregular structure Interior of block Plan structural irregularity - primary: Vertical structural irregularity - primary: Torsion eccentricity Torsion eccentricity Vertical structural irregularity - secondary: Plan structural irregularity - secondary: Change in vertical structure Change in vertical structure Roof shape: Roof covering: Flat Membrane roofing Roof system material: Roof system type: inflatable or tensile membrane roof Fabric Roof connections: Roof-wall diaphragm connection unknown Floor system material: Floor system type: Floor material, other Floor connections: Floor-wall diaphragm connection not provided Exterior walls material: Masonry Date of constrution: Bounds for the date of construction or retro 1950-1960 Number of storeys above the ground: Number of storeys below the ground: Range of the number of storeys Range of the number of storeys 4-6 Height of the grade above ground floor: Slope of the ground (for buildings on slopes): Range of height above grade 13-20 Slope of the ground Occupancy type - general: Occupancy type - detail: Mixed use Mostly residential and commercial Region (province, state, etc.): Country: Italy Pavia Summary:

Typical italian RC 4-6 stories building, for residenzial - commercial use, '50 -60 built, located in medium -high seismic zone, with non ductile frame, often with short column or soft storage

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