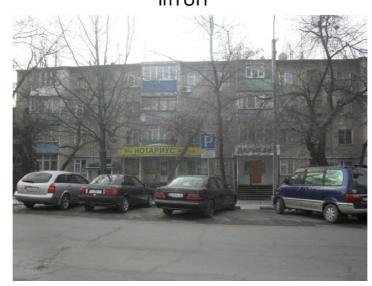
GEM Building Taxonomy Report

EMCA-3,2 InTUIT



Taxonomy string:

DX+PF / / /DY+OF /CR+PC /LFLS+DUC /YEX:1990 /HEX:4+HBEX:1+HFEX:12 /RES+RES2E /BP1 /PLFR /IRRE /EWCB /RSH1+RMT3+RFA /FC+FC3+FWCP /FOSDL Motorial type (direction 1):

Material type (direction 1): Unknown Material

Material properties (direction 1):

Lateral load-resisting system (direction 1): Unknown lateral load-resisting system

Material type (direction 2): Concrete, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2): Flat slab/plate or waffle slab Foundations: Deep foundation, with lateral capacity

Type of Irregularity: Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape: Flat Roof system material: Fabric Roof connections: Roof-wall diaphragm connection unknown Floor system material: Concrete Floor connections: Floor-wall diaphragm connection present Exterior walls material: Cement-based boards Date of constrution: Exact date of construction or retrofit 1990 Number of storeys above the ground: Exact number of storeys 4 Height of the grade above ground floor: Exact height above grade 12 Occupancy type - general: Residential Country: Kyrgyzstan

Material technology (direction 1):

Material techonology (additional, direction 1):

System ductility (direction 1):

Material technology (direction 2): Precast concrete Material technology (additional, direction 2):

System ductility (direction 2): Ductile

Plan shape: Rectangular, solid Building position within a block: One adjacent building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering: Membrane roofing Roof system type: inflatable or tensile membrane roof

Floor system type: Precast concrete floor with RC topping

Number of storeys below the ground: Exact number of storeys 1 Slope of the ground (for buildings on slopes): Unknown slope Occupancy type - detail: 20-49 Units Region (province, state, etc.): Bishkek

Summary:

Precast concrete large panel buildings with panel connections achieved by welding of embedment plates - Seria 464