

GEM Building Taxonomy Report

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Picture not available

Taxonomy string:

DX /C99+CIP /LFINF /DY /C99+CIP /LFINF //HEX:2+HBEX:0+HFAPP:7.0+HD:0 /RES+RES1 /BPD /PLFL /IRIR+IRPP:TOR+IRVP:CHV /EWMA /RSH1+RMN+RC+RC2+RWCP /FC+FC2 /FOSSL

Material type (direction 1):

Concrete, unknown reinforcement

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Infilled frame

Material type (direction 2):

Concrete, unknown reinforcement

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Infilled frame

Foundations:

Shallow foundation, with lateral capacity

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

Torsion eccentricity

Plan structural irregularity - secondary:

Change in vertical structure

Roof shape:

Flat

Roof system material:

Concrete

Roof connections:

Roof-wall diaphragm connection present

Floor system material:

Concrete

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

Date of construction:

Year unknown

Number of storeys above the ground:

Exact number of storeys 2

Height of the grade above ground floor:

Approximate height above grade 7.0

Occupancy type - general:

Residential

Country:

India

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:

L-shape

Building position within a block:

Detached building

Vertical structural irregularity - primary:

No irregularity

Vertical structural irregularity - secondary:

No irregularity

Roof covering:

Concrete roof, no covering

Roof system type:

Cast-in-place beam-supported RC roof

Floor system type:

Cast-in-place beam-supported RC floor

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:

Single dwelling

Region (province, state, etc.):

Kolkata, West Bengal