

# GEM Building Taxonomy Report

RCC House in Gilgit  
NED University



Taxonomy string:

DX /CR+CIP /LFM /DY /CR+CIP /LFM / /HEX:4 /MIX+MIX1 /BP1 /PLFR /IRIR+IRVP:SET /EWMA /RSH1+RMN+RC+RC1+RWCN /FC /

Material type (direction 1):

Concrete, reinforced

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Moment frame

Material type (direction 2):

Concrete, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Moment frame

Foundations:

Unknown foundation system

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

No irregularity

Plan structural irregularity - secondary:

Setback

Roof shape:

Flat

Roof system material:

Concrete

Roof connections:

Roof-wall diaphragm connection not provided

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

4

Height of the grade above ground floor:

Height above grade unknown

Occupancy type - general:

Mixed use

Country:

Pakistan

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:

One adjacent building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

No irregularity

Roof covering:

Concrete roof, no covering

Roof system type:

Cast-in-place beamless RC roof

Floor system type:

Concrete, unknown

Number of storeys below the ground:

Unknown number of storeys

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Mostly residential and commercial

Region (province, state, etc.):

Gilgit Baltistan

RCC Construction is a contemporary construction trend in recently urbanized areas of Gilgit