

# GEM Building Taxonomy Report

RCC House in Gilgit  
NED University



## Taxonomy string:

DX /CR+CIP /LFM /DY /CR+CIP /LFM / /HEX:3 /MIX+MIX1 /BPD /PLFR /IRRE /EWMA /RSH1+RMN+RC+RC2 /FC+FC2 /

### Material type (direction 1):

Concrete, reinforced

### Material technology (direction 1):

Cast-in-place concrete

### Material properties (direction 1):

### Material technology (additional, direction 1):

### Lateral load-resisting system (direction 1):

Moment frame

### System ductility (direction 1):

Ductility unknown

### Material type (direction 2):

Concrete, reinforced

### Material technology (direction 2):

Cast-in-place concrete

### Material properties (direction 2):

### Material technology (additional, direction 2):

### Lateral load-resisting system (direction 2):

Moment frame

### System ductility (direction 2):

Ductility unknown

### Foundations:

Unknown foundation system

### Plan shape:

Rectangular, solid

### Type of Irregularity:

Regular structure

### Building position within a block:

Detached building

### Plan structural irregularity - primary:

### Vertical structural irregularity - primary:

### Plan structural irregularity - secondary:

### Vertical structural irregularity - secondary:

### Roof shape:

Flat

### Roof covering:

Concrete roof, no covering

### Roof system material:

Concrete

### Roof system type:

Cast-in-place beam-supported RC roof

### Roof connections:

Roof-wall diaphragm connection unknown

### Floor system material:

Concrete

### Floor system type:

Cast-in-place beam-supported RC floor

### 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

3

### Number of storeys below the ground:

Unknown number of storeys

### Height of the grade above ground floor:

Height above grade unknown

### Slope of the ground (for buildings on slopes):

Unknown slope

### Occupancy type - general:

Mixed use

### Occupancy type - detail:

Mostly residential and commercial

### Country:

Pakistan

### Region (province, state, etc.):

Gilgit Baltistan

### Summary:

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