

# GEM Building Taxonomy Report

Cluster housing - brick  
NED University



## Taxonomy string:

DX /MR+CLBRS+RS+MOC /LWAL+DNO /DY /MR+CLBRS+RS+MOC /LWAL+DNO / /HEX:+HBEX:0+HD:0 /RES+RES2 /BPD /PLFR /IRRE /EWMA /RSH1+RM9T+RME+RME1+RWCN /FE+FWCN /FOSN

## Material type (direction 1):

Masonry, reinforced

## Material properties (direction 1):

Cement mortar

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

Wall

## Material type (direction 2):

Masonry, reinforced

## Material properties (direction 2):

Cement mortar

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

Wall

## Foundations:

Shallow foundation, with no lateral capacity

## Type of Irregularity:

Regular structure

## Plan structural irregularity - primary:

## Plan structural irregularity - secondary:

## Roof shape:

Flat

## Roof system material:

Metal

## Roof connections:

Roof-wall diaphragm connection not provided

## Floor system material:

Earthen

## Floor connections:

Floor-wall diaphragm connection not provided

## Exterior walls material:

Masonry

## Date of construction:

Year unknown

## Number of storeys above the ground:

Exact number of storeys

## Height of the grade above ground floor:

Height above grade unknown

## Occupancy type - general:

Residential

## Country:

Pakistan

## Summary:

## Material technology (direction 1):

Fired clay solid bricks

## Material technology (additional, direction 1):

Steel-reinforced

## System ductility (direction 1):

Non-ductile

## Material technology (direction 2):

Fired clay solid bricks

## Material technology (additional, direction 2):

Steel-reinforced

## System ductility (direction 2):

Non-ductile

## Plan shape:

Rectangular, solid

## Building position within a block:

Detached building

## Vertical structural irregularity - primary:

No irregularity

## Vertical structural irregularity - secondary:

## Roof covering:

Earthen

## Roof system type:

Metal beams or trusses supporting light roofing

## Floor system type:

Earthen, unknown

## 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:

Multi-unit, unknown type

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

Dera Ismail Khan

A group of load bearing brick rooms around a central courtyard, a traditional method of construction