

# GEM Building Taxonomy Report

House along a drainage creek  
NED University



## Taxonomy string:

DX /MUR+CBS+MOC /LWAL /DY /MUR+CBS+MOC /LWAL / /HEX:1+HBEX:0 /RES+RES1 /BP1 /PLFSQ /IRRE /EWMA /RSH1+RMN+RME+RME2 /FN /

### Material type (direction 1):

Masonry, unreinforced

### Material properties (direction 1):

Cement mortar

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

Wall

### Material type (direction 2):

Masonry, unreinforced

### Material properties (direction 2):

Cement mortar

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

Wall

### Foundations:

Unknown foundation system

### 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 unknown

### Floor system material:

No elevated or suspended floor material (single-storey)

### 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

1

### Height of the grade above ground floor:

Height above grade unknown

### Occupancy type - general:

Residential

### Country:

Pakistan

### Summary:

### Material technology (direction 1):

Concrete blocks, solid

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

### System ductility (direction 1):

Ductility unknown

### Material technology (direction 2):

Concrete blocks, solid

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

### System ductility (direction 2):

Ductility unknown

### Plan shape:

Square, solid

### Building position within a block:

One adjacent building

### Vertical structural irregularity - primary:

No irregularity

### Vertical structural irregularity - secondary:

### Roof covering:

Concrete roof, no covering

### Roof system type:

Metal beams supporting precast concrete slabs

### Floor system type:

### Number of storeys below the ground:

Exact number of storeys

0

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

Unknown slope

### Occupancy type - detail:

Single dwelling

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

Along Orangi River, Karachi

Illegal encroachment along creek - starts off as temporary settlements consisting of rudimentary shacks but eventually builds up into solid, more permanent structures built of a variety of salvaged materials.