

GEM Building Taxonomy Report

Confined Masonry Under Construction House

NED University



Taxonomy string:

DX /MCF+CBS+MOC /LFM+DUC /DY /MCF+CBS+MOC /LFM+DUC /YEX:2013 /HEX:2+HBEX:0+HD:0 /MIX+MIX1 /BPD /PLFD /IRIR+IRPP:TOR /EWMA /RSH1+RMN+RC+RC2+RWCP /FC+FC2+FWCP /FOSDN

Material type (direction 1):

Masonry, confined

Material properties (direction 1):

Cement mortar

Lateral load-resisting system (direction 1):

Moment frame

Material type (direction 2):

Masonry, confined

Material properties (direction 2):

Cement mortar

Lateral load-resisting system (direction 2):

Moment frame

Foundations:

Deep foundation, with no lateral capacity

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

Torsion eccentricity

Plan structural irregularity - secondary:

No irregularity

Roof shape:

Flat

Roof system material:

Concrete

Roof connections:

Roof-wall diaphragm connection present

Floor system material:

Concrete

Floor connections:

Floor-wall diaphragm connection present

Exterior walls material:

Masonry

Date of construction:

Exact date of construction or retrofit 2013

Number of storeys above the ground:

Exact number of storeys 2

Height of the grade above ground floor:

Height above grade unknown

Occupancy type - general:

Mixed use

Country:

Pakistan

Summary:

Material technology (direction 1):

Concrete blocks, solid

Material technology (additional, direction 1):

System ductility (direction 1):

Ductile

Material technology (direction 2):

Concrete blocks, solid

Material technology (additional, direction 2):

System ductility (direction 2):

Ductile

Plan shape:

Triangular shape, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

No irregularity

Vertical structural irregularity - secondary:

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:

Mostly residential and commercial

Region (province, state, etc.):

Dera Ismail Khan

A confined masonry building in Dera Ismal Khan, which is an unusual construction practise in the town