

GEM Building Taxonomy Report

EMCA-1.1

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Taxonomy string:

DX /MUR+CLBRS+MOC /LWAL+DNO /DY /MUR+CLBRS+MOC /LWAL+DNO /YAPP:1940-1955 /HBET:2,3 /RES+RES2E /BP3 /PLFR /IRRE /EWMA /RSH3+RMT4+RO+RWCP /FW /FOSSL

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:

Shallow foundation, with lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Pitched and hipped

Roof system material:

Roof material, other

Roof connections:

Roof-wall diaphragm connection present

Floor system material:

Wood

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

Date of construction:

Approximate date of construction or retrofit 1940-1955

Number of storeys above the ground:

Range of the number of storeys 2-3

Height of the grade above ground floor:

Height above grade unknown

Occupancy type - general:

Residential

Country:

Tajikistan

Summary:

Material technology (direction 1):

Fired clay solid bricks

Material technology (additional, direction 1):

System ductility (direction 1):

Non-ductile

Material technology (direction 2):

Fired clay solid bricks

Material technology (additional, direction 2):

System ductility (direction 2):

Non-ductile

Plan shape:

Rectangular, solid

Building position within a block:

Three adjacent buildings

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Slate

Roof system type:

Floor system type:

Wood, unknown

Number of storeys below the ground:

Unknown number of storeys

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

20-49 Units

Region (province, state, etc.):

Predominantly unreinforced fired brick masonry with cement mortar (mud and lime mortar seldom used). Slabs and roofs are either of timber or RC