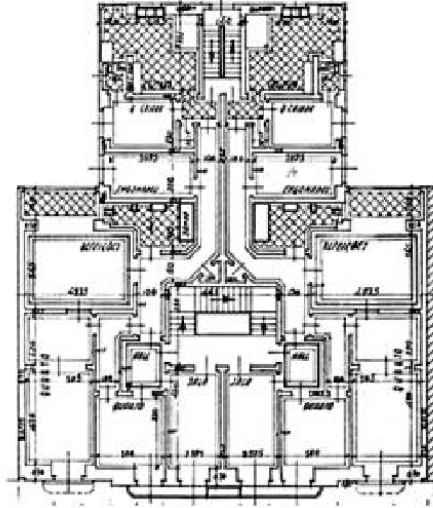


GEM Building Taxonomy Report

'Rabo de Bacalhau' Buildings from Lisbon
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Taxonomy string:

DX+PF /MUR+STRUB+MOCL /LWAL /DY+OF /MUR+STRUB+MOCL /LWAL /YBET:1930,1960 /HBET:4,6 /MIX+MIX1 /BPI /PLFT
/IRIR+IRPP:TOR+IRVP:CHV /EWMA /RSH2+RMT1+RWO+RWO2 /FO /FOSN

Material type (direction 1):

Masonry, unreinforced

Material technology (direction 1):

Rubble (field stone) or semi-dressed stone

Material properties (direction 1):

Cement:lime mortar

Material technology (additional, direction 1):

Lateral load-resisting system (direction 1):

Wall

System ductility (direction 1):

Ductility unknown

Material type (direction 2):

Masonry, unreinforced

Material technology (direction 2):

Rubble (field stone) or semi-dressed stone

Material properties (direction 2):

Cement:lime mortar

Material technology (additional, direction 2):

Lateral load-resisting system (direction 2):

Wall

System ductility (direction 2):

Ductility unknown

Foundations:

Shallow foundation, with no lateral capacity

Plan shape:

T-shape

Type of Irregularity:

Irregular structure

Building position within a block:

Interior of block

Plan structural irregularity - primary:

Torsion eccentricity

Vertical structural irregularity - primary:

No irregularity

Plan structural irregularity - secondary:

Change in vertical structure

Vertical structural irregularity - secondary:

No irregularity

Roof shape:

Pitched with gable ends

Roof covering:

Clay or concrete tile

Roof system material:

Wood

Roof system type:

Wooden roof structure supporting a heavy flat or domed roof

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Floor material, other

Floor system type:

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

Date of construction:

Bounds for the date of construction or retro 1930-1960

Number of storeys above the ground:

Range of the number of storeys 4-6

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:

Portugal

Region (province, state, etc.):

Lisbon

Summary:

The 'Rabo de Bacalhau' type of buildings is a particular group from the 'Placa' buildings (mix masonry and reinforced concrete structure) with a T-shape plan characteristic from Bairro dos Actores in Lisbon. The salient body in the back is made of reinforced concrete frames and slabs, while the remaining structure is made of rubble stone masonry walls and wood floors.