

GEM Building Taxonomy Report

Typical Reinforced Concrete Buildings in Ghana

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Taxonomy string:

DX /CR+CIP /LFINF+DNO /DY /CR+CIP /LFINF+DNO // /MIX // /IRIR+IRPP:REC+IRVP:CHV+IRVS:SOS /EWMA /RSH2+RMT6+RWO+RWO1+RTDN /FC+FC2+FWCP /FOSN

Material type (DX):

Concrete, reinforced

Material technology (DX):

Cast-in-place concrete

Material type (DY):

Concrete, reinforced

Material technology (DY):

Cast-in-place concrete

Building occupancy class - general:

Mixed use

Material of exterior walls:

Masonry

Type of irregularity:

Irregular structure

Plan structural irregularity - primary:

Re-entrant corner

Vertical structural irregularity - primary:

Change in vertical structure

Vertical structural irregularity - secondary:

Soft storey

Roof shape:

Pitched with gable ends

Roof covering:

Metal sheets

Roof system material:

Wood

Roof system type:

Wooden beams/trusses and purlins with light roof

Roof connections:

Roof tie-down not provided

Floor system material:

Concrete

Floor system type:

Cast-in-place beam-supported RC floor

Floor connections:

Floor-wall diaphragm connection present

Countries:

Ghana

Region (province, state, etc.):

Accra

Summary:

Reinforced Concrete Buildings are to be found in all parts of the Country and are the preferred form of construction. Buildings may not always comply with generally accepted standards.