

GEM Building Taxonomy Report

The City Council Building
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Taxonomy string:

DX /CR+PCPS /LDUAL+DUC /DY /CR+PCPS /LDUAL+DUC /YEX:Year 2005 /HBET:2,4+HBEX:None+HFBET:7.2,15 /GOV+GOV1 /BPI /PLFRO /IRRE /EWMA /RSH2+RMT1+RME+RME1+RWCP /FC+FC3+FWCP /FOSDL

Material type (direction 1):

Concrete, reinforced

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Dual frame-wall system

Material type (direction 2):

Concrete, reinforced

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Dual frame-wall system

Foundations:

Deep foundation, with lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Pitched with gable ends

Roof system material:

Metal

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 Year 2005

Number of storeys above the ground:

Range of the number of storeys 2-4

Height of the grade above ground floor:

Range of height above grade 7.2-15

Occupancy type - general:

Government

Country:

Indonesia

Summary:

Material technology (direction 1):

Precast prestressed concrete

Material technology (additional, direction 1):

System ductility (direction 1):

Ductile

Material technology (direction 2):

Precast prestressed concrete

Material technology (additional, direction 2):

System ductility (direction 2):

Ductile

Plan shape:

Rectangular, with an opening

Building position within a block:

Interior of block

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Clay or concrete tile

Roof system type:

Metal beams or trusses supporting light roofing

Floor system type:

Precast concrete floor with RC topping

Number of storeys below the ground:

Exact number of storeys None

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Government, general services

Region (province, state, etc.):

Cimahi - West Java

It consists of 3 interconnecting buildings. Precast concrete (pc) system was used in this project, comprised of precast/prestressed concrete (ppc) tie-beams, ppc U-beams, 80 mm solid ppc planks with 65 mm topping and single layer reinforcement, pc-columns with "NMB" mechanical splice sleeves connection type, pc-staircases and also pc-parapets. It was designed base on seismic Zone 4 (SNI 03-1726-2002).