GEM Building Taxonomy Report
Typical residential
C Roth

Picture not available

Taxonomy string:

DX /MUR+CBS+MOC /LWAL+DNO /DY /MUR+CBS+MOC /LWAL+DNO /YAPP:1998 /HEX:3+HBEX:0+HFAPP:0.2+HD:1 /RES+RES2B /BPD /PLFR /IRRE /EWMA /RSH2+RMT1+RWO+RTDP /FC+FC4 /FOSN

Material type (direction 1):	Material technology (direction 1):
Masonry, unreinforced	Concrete blocks, solid
Material properties (direction 1):	Material techonology (additional, direction 1):
Cement mortar	
Lateral load-resisting system (direction 1):	System ductility (direction 1):
Wall	Non-ductile
Material type (direction 2):	Material technology (direction 2):
Masonry, unreinforced	Concrete blocks, solid
Material properties (direction 2):	Material techonology (additional, direction 2):
Cement mortar	
Lateral load-resisting system (direction 2):	System ductility (direction 2):
Wall	Non-ductile
Foundations:	Plan shape:
Shallow foundation, with no lateral capacity	Rectangular, solid
Type of Irregularity:	Building position within a block:
Regular structure	Detached building
Plan structural irregularity - primary:	Vertical structural irregularity - primary:
Plan structural irregularity - secondary:	Vertical structural irregularity - secondary:
Roof shape:	Roof covering:
Pitched with gable ends	Clay or concrete tile
Roof system material:	Roof system type:
Wood	Wood, unknown
Roof connections:	
Roof tie-down present	
Floor system material:	Floor system type:
Concrete	Precast concrete floor without RC topping
Floor connections:	
Floor-wall diaphragm connection, unknown	
Exterior walls material:	
Masonry	

Date of constrution:
  Approximate date of construction or retrofit 1998

Number of storeys above the ground:	Number of storeys below the ground:
Exact number of storeys 3	Exact number of storeys 0
Height of the grade above ground floor:	Slope of the ground (for buildings on slopes):
Approximate height above grade 0.2	Slope of the ground 1
Occupancy type - general:	Occupancy type - detail:
Residential	3-4 Units
Country:	Region (province, state, etc.):
South Africa	Gauteng

Summary:

Common in new residential suburbs.