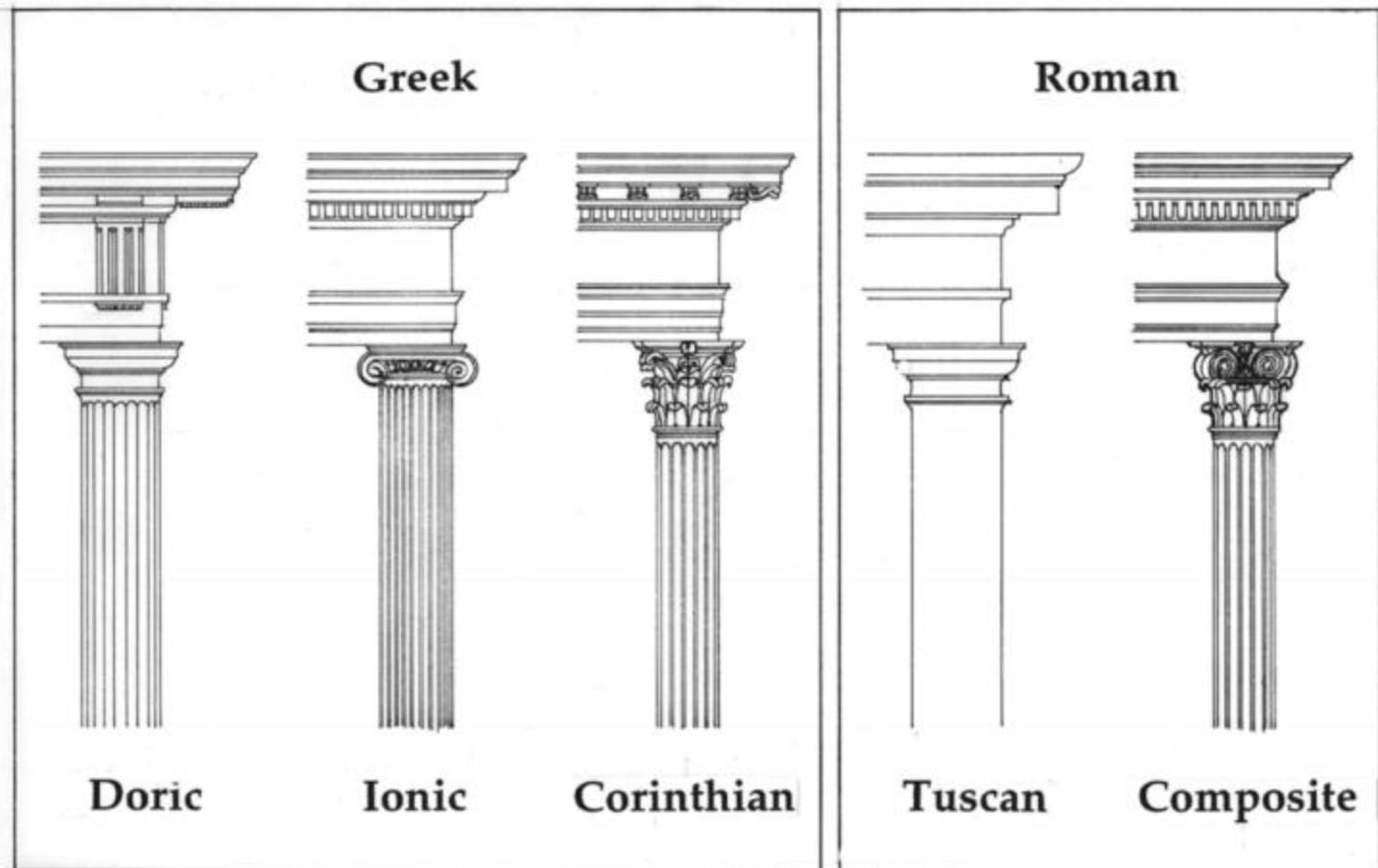




PLAN SHAPES

There are a few additional technical words that are used with reference to the basic shape of a building:

bay

a regularly repeated visual division of a façade

façade

the exterior face or presentable front of a building

pavilion

a part of a façade given prominence because it projects out from the façade

proportion

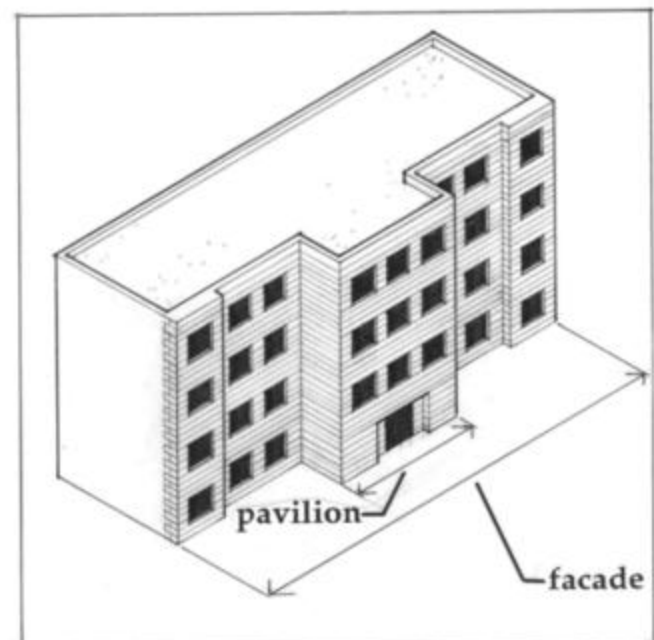
the relationship between individual elements of a building (such as windows and doors) and their size within the whole building

rhythm

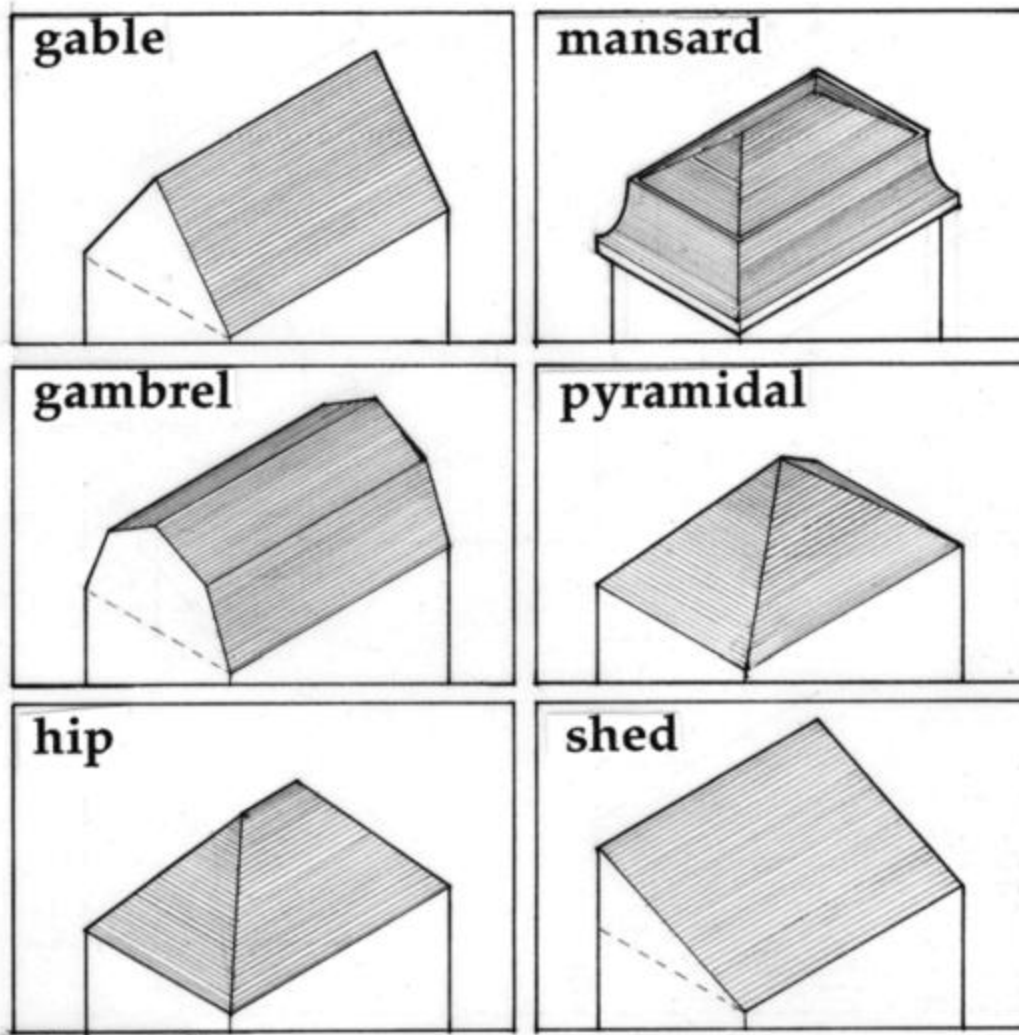
a regularly repeating sequence or pattern

storey

the habitable space between a floor and a ceiling, floor or roof above



ROOF SHAPES



Building Materials and Construction

Heavy Timber Frame Construction

bent

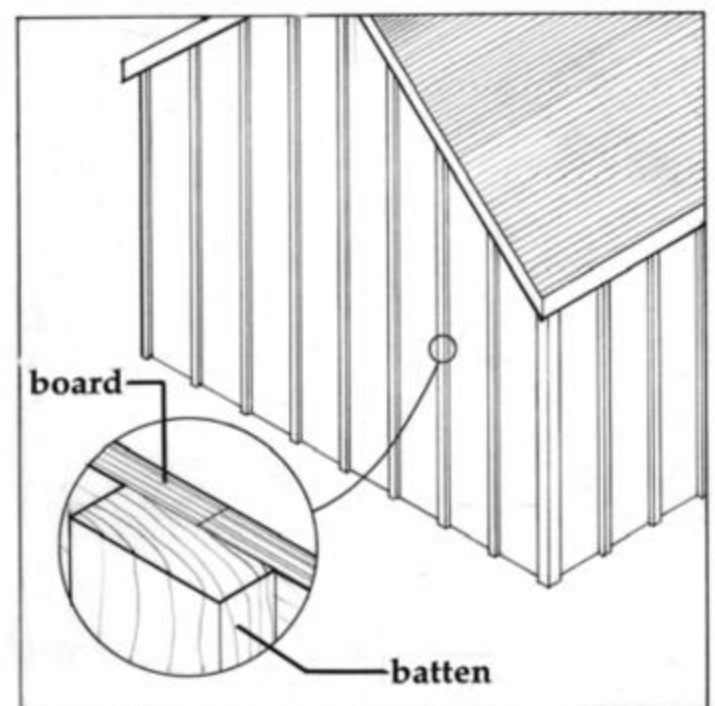
a prefabricated network of large posts and beams (*right*)

board and batten

wide vertical wood sheathing (boards) with narrow vertical wood strips (battens) covering the joints between the boards (*below*)

peg

a pin or dowel, slightly tapered, used to join two parts together



Light Wood Frame Construction

joists

a series of horizontal members used to support floors or ceilings

plate

a member laid horizontally to accept the ends of joists or studs

purlins

horizontal structural members that run perpendicularly across the top edges of other roof members

rafter

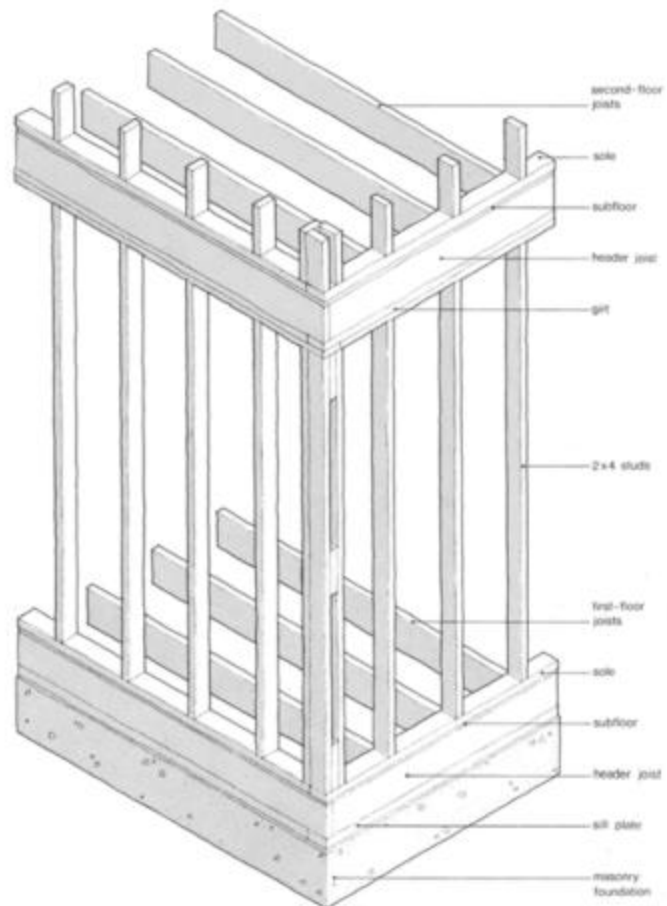
a structural roof member that slopes up from the wall to the peak of a roof

studs

a series of vertical members used to support wall sheathing

sheathing

the exterior cladding of a building



Brick Construction

bonds

an arrangement of masonry units (brick or concrete block) to provide structural strength and visual appeal; common bonds are called header, stretcher, English or Flemish (illustrated at right)

mortar

a mixture of cement and lime with sand and water used as a bonding agent between masonry units

repointing

to repair the joints in masonry construction with the addition of new mortar

Stone Construction

ashlar

hewn stone blocks with straight-cut edges

coursing

a continuous layer of material, a row

fieldstone

building stone collected from a field

finish

the surface texture; common finishes are rock-faced, rusticated and vermiculated

rustication

stonework emphasized by roughly cut block faces

rubble

construction with fragments of broken stone

vermiculated

ornamentation in stone created with winding, wavy lines, as if caused by worms

