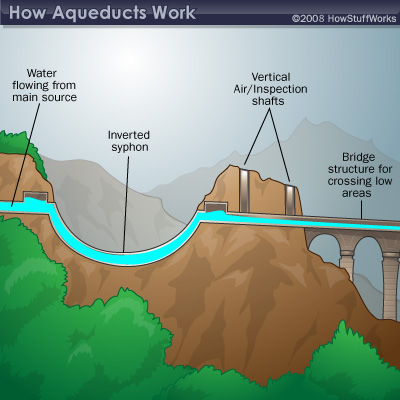
**Roman Arches, Domes, and Vaults:**

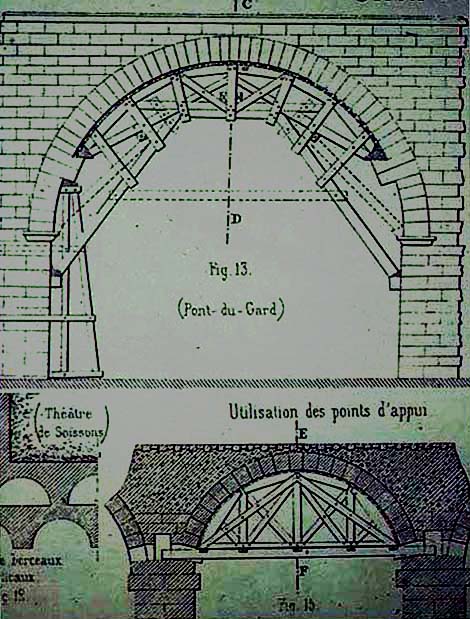
**[](http://upload.wikimedia.org/wikipedia/commons/thumb/e/e6/Barrel_vault_top_force.jpg/220px-Barrel_vault_top_force.jpg)**

Annular or ring vault: ring shaped as if in an annular barrel vault

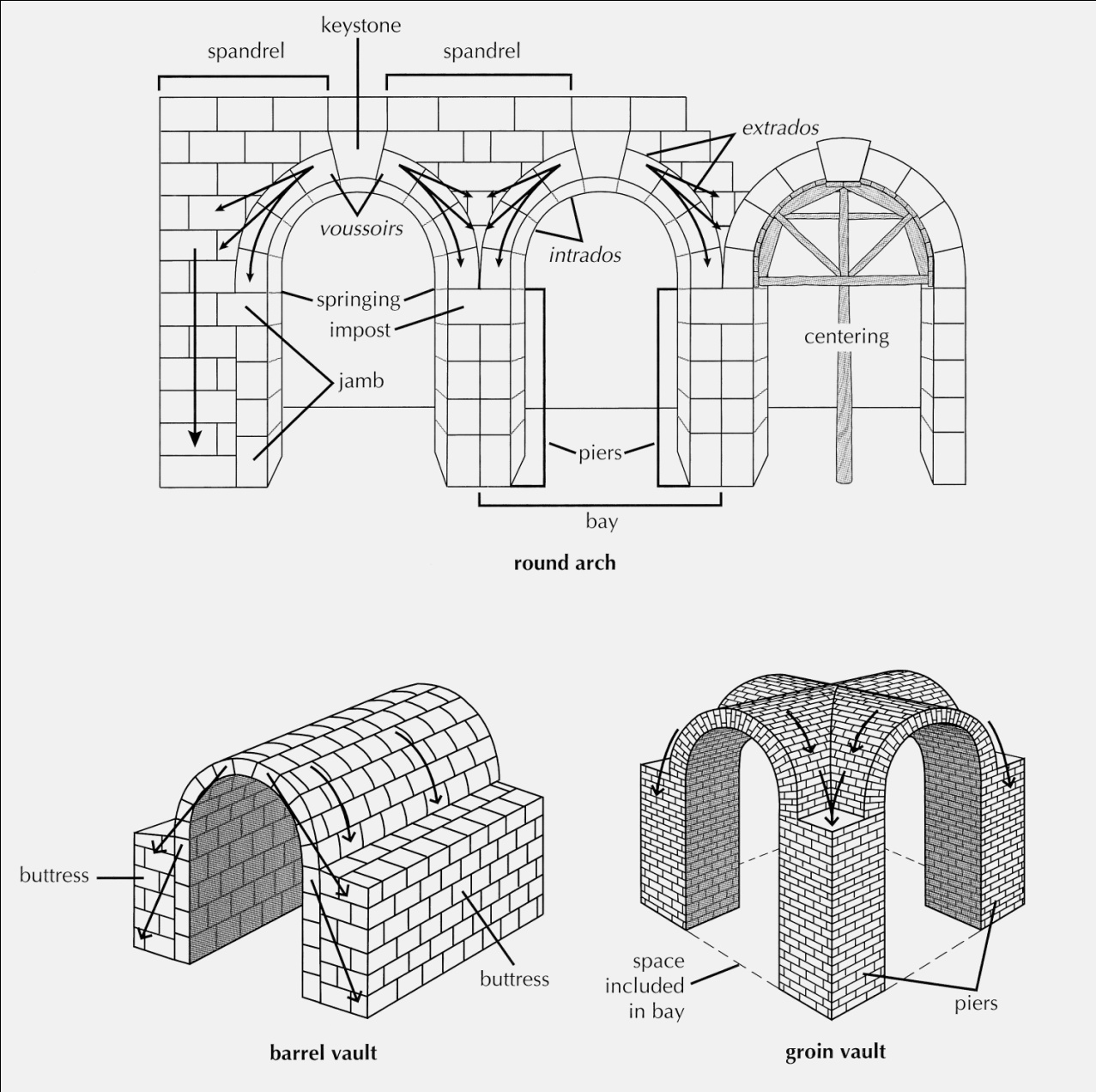
Apse: a projecting part of a [](http://www.cvrlab.org/humnet/Resources/SMMfig6d.jpg)building, usually semicircular and topped by a half dome or vault



Aqueduct: a man-made conduit for transporting water



Axis: an imaginary straight line passing through a center of a figure, form, or structure and about which that figure is imagined to rotate.

Barrel vault, tunnel vault: a semi cylindrical vault, with parallel abutments and an identical cross section throughout covering an oblong space

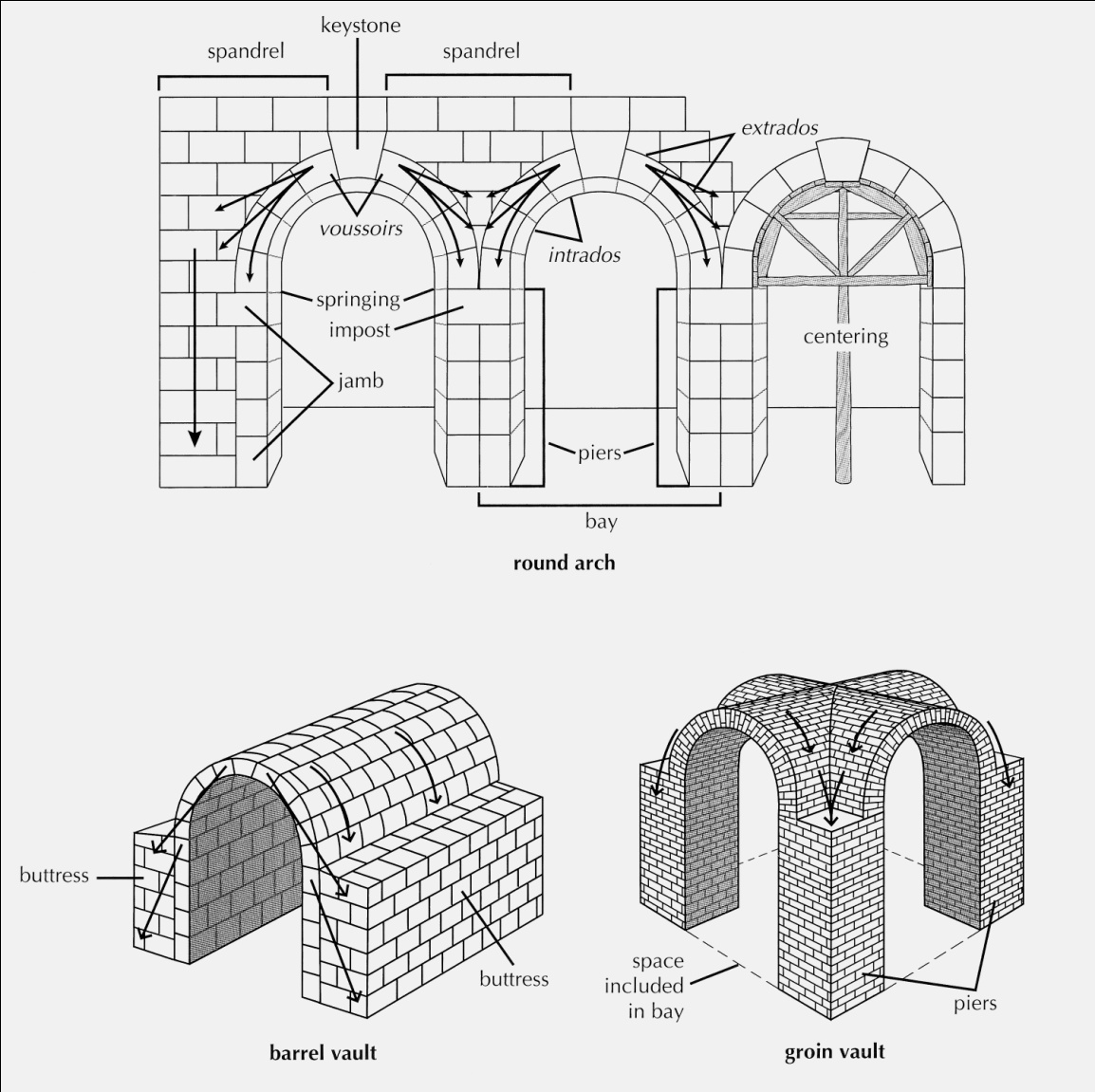
Buttress: an external architectural support that counteracts the lateral thrust of an arch or wall.

[](http://www.builders-resource.org/wp-content/uploads/2009/06/pantheon-oculus-coffer.jpg)

Coffer, coffering: a recessed geometrical pattern in a ceiling



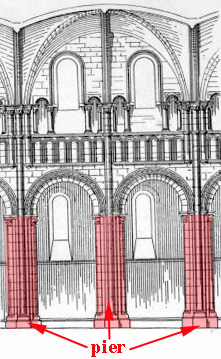
Fenestrated Groin Vaults: When a series of groin vaults cover an interior hall, they are known as fenestrated sequence of groin vaults



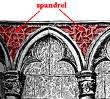
Groin vault, cross-vault: the ceiling configuration formed by the intersection of two barrel vaults

[](http://www.google.com/imgres?imgurl=http://photos.igougo.com/images/p42156-Rome-Pantheon_Oculus.jpg&imgrefurl=http://www.igougo.com/journal-j6308-Rome-Four_Days_in_Rome.html&usg=__JaajUUgES2ABIko8T0uuXJwl8gA=&h=356&w=474&sz=24&hl=en&start=8&sig2=N7p9U8O6IPjivzjjjEH_gQ&um=1&itbs=1&tbnid=WKDBwbzoLnoK8M:&tbnh=97&tbnw=129&prev=/images?q=oculus+architecture+in+Ancient+Rome&um=1&hl=en&sa=N&rlz=1T4ACAW_enUS376US378&tbs=isch:1&ei=iIkrTNy_IIK0lQfIy5iQAw)

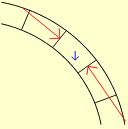
Oculus: a round opening in a wall or at the apex of a dome



Pier: a vertical support used to bear loads in arched or vaulted structures

[](http://www.chass.utoronto.ca/~sousa/artfunction/spandrel.jpg)

Spandrel: the triangular area between the side of an arch that encloses two adjacent arches

[](http://www.brantacan.co.uk/VoussoirActionPX.gif)

Voussoir: one of the two wedge shaped blocks of stone that make up an arch