ABPL 90228 Post-Renaissance Architecture

Brunelleschi
COMMONWEALTH OF AUSTRALIA
Copyright Regulations 1969

Warning

This material has been reproduced and communicated to you by or on behalf of the University of Melbourne pursuant to Part VB of the Copyright Act 1968 (the Act).

The material in this communication may be subject to copyright under the Act. Any further copying or communication of this material by you may be the subject of copyright protection under the Act.

do not remove this notice
Florence, aerial view
MUAS 20,152
the arch and the impost block
the Parthenon, from the north-west

Miles Lewis
Port St-André, Autun, France, early C1st AD

Miles Lewis
the beam or lintel is supported by round columns, not by square piers, or by sections of wall, or anything else

the arch is a hole in a wall, and if two archways are next to each other, the piece in between is a piece of wall, and is therefore rectangular in plan - that is, it is a pier, not a column
a beam or lintel, itself supported on columns, can support a wall (or pediment), and a wall is allowed to contain an arched opening, so you can have an arch above columns, provided that there is a lintel in between.
approaching the impost block: a short section of entablature

Santa Costanza, Rome
Porticus of Pompey, Rome, AD c 285, from an anonymous C16th drawing

the medieval impost block
Palatine chapel, Aachen, by Odo of Metz, 790-805

detail of the gallery arcade

X B i Altet, *The Early Middle Ages from Late Antiquity to A.D. 1000* (Köln 1997), p 130
Abbey Church of Corvey, 863-885
capitals and impost blocks in the lower westwork

Altet, *The Early Middle Ages*, p 148
St Michael, Hildesheim, 1001-1033
detail of block capital

Pevsner, *Outline of European Architecture* [1968], p 67
dosserets
& pulvinos
House of Amor & Psyche, Ostia, c 300
MUAS 830
the pulvino
San Vitale, Ravenna: columns and capitals in the chancel

Scala, RA 155 (1973); RA 82 (1974)
the classicizing dosseret block

Sant' Agata dei Goti, Rome, c 462-470: detail of Ionic capital
Santo Stefano Rotondo, Rome, 470-483: detail of column head and dosseret block in outer arcade

Emil Mâle [translated David Buxton], The Early Churches of Rome (London 1960), pls 41, 74
the Tuscan Proto-Renaissance
San Miniato, Florence, 1014 onwards
(lower facade c 1070-; upper facade 1128-1150; pediment early 1200s)

Vis Ed Inc
S Miniato: interior view & capital from the north side of the choir

Scala 8479 [1971]; Miles Lewis
Baptistery of S Giovanni, Piazza del Duomo, Florence, C5th, C11th, C12th
MUAS 6,725
Filippo Brunelleschi (1377-1446)
Ospedale degli Innocenti, or Foundling Hospital, Piazza de' Servi, Florence, by Brunelleschi, 1421-4: reconstruction of the original intended form, by Morozzi Heinrich Klotz, *Filippo Brunelleschi: the Early Works and the Medieval Tradition* (London 1990), p 114
Ospedale degli Innocenti, or Foundling Hospital, Florence, by Brunelleschi, 1421-5

Fine Arts, 172/K673/3CAN 96.0603.01C3899
Ospedale degli Innocenti: loggia 1421-4
MUAS 14,881
Loggia dei Lanzi [Loggia dei Priori], Florence, by Benci di Cione & Simone Talenti, 1376-81

Firenze, no 24
Ospedale degli Innocenti: capital in portico
San Miniato: capital from the north side of the nave
Giovanni Fanelli, *Brunelleschi* (Florence 1985 [1980]), p 45: Miles Lewis
tabernacle windows: the Foundling Hospital & the Baptistery
Ospedale degli Innocenti: loggia arcade

Fanelli, *Brunelleschi*, p 44, replacing black & white view, Fine Arts, 172/F632/8l/ 10; RE20.49.42. Fine Arts, 172/F632/8l/ 9; RE20.49.41
Ospedale degli Innocenti: plan

Fine Arts, 172/F632/8I/ 18; RE20.49.55
Ospedale degli Innocenti: views in the long court and the square court

Philip Goad, no date
Ospedale degli Innocenti: the square court
Miles Lewis
the wheel motif
San Miniato Ospedale degli Innocenti

Miles Lewis
Ospedale degli Innocenti: reconstructions of Brunelleschi's intended elevation & the loggia as in 1429

Klotz, *Brunelleschi*, p 109
Ospedale degli Innocenti: detail of the upper façade & bent architrave

Fanelli, *Brunelleschi*, p 45

Baptistery of S Giovanni, detail of the corner of the attic

Miles Lewis
S Lorenzo, Florence, by Brunelleschi, begun 1421: plan of church complex

Fine Arts, 172/F632/2LO/PLAN/11; RE20.34.67
S Lorenzo: view from above

Miles Lewis
S Lorenzo: long section

Fine Arts, 172/F632/2LO/PLAN/19; RE20.34.75
S Lorenzo: interior view & detail of nave arcade

Fine Arts, 172/F632/2LO/INT/History of Western Art;, RE20.34.79; c88.20.621;
172/F632/2LO/INT/12; RE20.35.03; 13-56
S Lorenzo: b/w detail of capital
Corinthian order from the Monument of Lysicrates, Athens 334

Fine Arts, 172/F632/2LO/INT/18; RE20.35.09; D38824; Copplestone, *World Architecture*, p 48
S Lorenzo: b/w detail of capital
Baptistery of S Giovanni: capital of the exterior blind arcade, completed 1049
Fine Arts, 172/F632/2LO/INT/18; RE20.35.09; D38824: Klotz, Brunelleschi, p 147
Santo Spirito, Florence, by Brunelleschi, 1428-1470 [?1436]: view from above
Fine Arts, 172/F632/2SPI/EXT/1; RE20.41.47
Santo Spirito

schematic plan
showing the chapel
arrangement

the setting-out of
the chapels

Santo Spirito

hypothetical reconstruction of Brunelleschi's model, by Sanpaolese

view along the south flank

Fine Arts, 172/F632/2SPl/PLAN/10; RE20.42.08
Miles Lewis
Santo Spirito: plan

MUAS 24,862
Santo Spirito

half transverse sections and longitudinal section, showing the proportions

Luporini, *Brunelleschi*, p 117
Santo Spirito
interior
detail below
dome

Fine Arts, 172/F632/2SPI/INT/3;
RE20.41.60; c.89.7.102.
172/F632/2SPI/INT/16; RE20.41.73
Santo Spirito: details of arcading & impost block

Giovanni Fanelli, *Brunelleschi* (Florence 1985 [1980]), p 71

Miles Lewis
centralised spaces
S Lorenzo, Florence, Old Sacristy
by Brunelleschi, 1421-8: plan & section

Old Sacristy, S Lorenzo

view towards altar

Fine Arts, 172/F632/2LO/OSAC/11; RE20.35.51; C93.09.036
S Lorenzo, Old Sacristy: view of domes & detail of apse wall
Fine Arts, 172/F632/2LO/OSAC/6; RE20.35.46; C93.09.032; Fanelli, *Brunelleschi*, p 49
Old Sacristy, S Lorenzo section; cupola from above

Fine Arts, 172/F632/2LO/OSAC/35; RE20.36.75; C91.1.13; 172/F632/2LO/OSAC/4; RE20.35.44; C93.09.030
Cappella Pazzi
Santa Croce, Florence, by Arnolfo di Cambio, 1294-1442
(western facade C19th)
view & plan

Eugenio Luporini, Brunelleschi: Forma e Ragione (Milano 1964), p 145
Cappella Pazzi, Santa Croce, Florence, by Brunelleschi, c 1429-30 (façade completed, probably by Guiliano da Maiano, 1443-61): general view & detail of the façade

Fine Arts, 172/F632/2CR/PAZEXT/2; RE20.33.37; c88.20.629; Fanelli, Brunelleschi, 54
Cappella Pazzi: detail of façade attic

Florence Baptistery, attic

Fanelli, Brunelleschi, 55
Miles Lewis
Cappella Pazzi: plan

Fine Arts, 172/F632/2CR/PAZPLAN/3; RE20.33.26
Cappella Pazzi: transverse view & view towards sarsella

Fine Arts, 172/F632/2CR/PAZINT/10; RE20.33.60; 13-55; 172/F632/2CR/PAZINT/12; RE20.33.62; c.89.7.101
Cappella Pazzi: corner treatment in the sanctuary

Klotz, Brunelleschi, p 41
Cappella Pazzi
section & view up to dome

Fine Arts, 172/F632/2CR/PAZPLAN/10; RE20.33.33.
172/F632/2CR/PAZINT/14; RE20.33.64
Santa Maria degli Angeli, Florence by Brunelleschi, begun 1433
modern view
& contemporary sketch from the Codice Rustici

Fine Arts, 172/F632/2MANG/1; RE20.37.24
Fanelli, Brunelleschi, p 63
Santa Maria degli Angeli:
early plan drawn by Giuliano da Sangallo; reconstructed section

Biblioteca Vaticana, Rome, Codice Barberiniano-Latino 4424  f.15v.
Icarus. Fine Arts, 172/F632/2MANG/10; RE20.37.33
the rib & web dome

Cathedral, Zamorra, Spain, 1115-74: dome
San Antonio, Padua, 1232-1307
Sagrestia Vecchia, or Old Sacristy of San Lorenzo, Florence, by Filippo Brunelleschi, 1421-8

Eugenio Battisti
*Brunelleschi* (London 1981), p 94
Old Sacristy of S Lorenzo, view of vault and dome
Battisti, *Brunelleschi*, p 94
Old Sacristy of S Lorenzo axonometric view

Klotz, Filippo Brunelleschi, pl VII
Pazzi Chapel, Santa Croce, Florence, by Filippo Brunelleschi & Guiliano da Maiano, c 1443-9 & -1461: dome view & diagram

Battisti, *Brunelleschi*, p 94; Fine Arts, 172/F632/2CR/PAZINT/14; RE20.33.64
Duomo, Florence

Duomo Santa Maria del Fiore, Florence, 1296-1462
George Tibbits
Duomos of Pisa (1063-93) & Florence 

comparative plans

Klotz, *Brunelleschi*, p 79
Duomo Santa Maria del Fiore, Florence, stages of construction

Duomo, Florence
view of dome & drum

George Tibbits
Duomo, Florence: dome from above & below

Philip Goad; George Tibbits
Duomo, Florence, cutaway isometric of dome

L H Heydenreich & Wolfgang Lotz, *Architecture in Italy 1400 to 1600* (Harmondsworth, Middlesex, 1974), p 3
Flavian Palace or Domus Augustana, Rome, inaugurated AD 92: domed octagonal hall

Boethius & Ward-Perkins, *Etruscan & Roman Architecture*, p 252
Baptistery, Florence: section & interior view

Duomo, Florence, detail of the circle within the two shells & diagram of the circle within the outer shell

King, Brunelleschi's Dome, p 108
Duomo, Florence, the system of chains inside the dome

Battisti, *Brunelleschi*, p 137
Duomo, Florence, diagram of the dome with the location of the chains

Prager & Scaglia, *Brunelleschi: Studies*, p 34, fig 9
Duomo, Florence: the sandstone chain; the stone armature of the dome

King, *Brunelleschi’s Dome*, p 73; Battisti, *Brunelleschi*, p 141
Duomo, Florence section of a median vertical in a segment of the dome

Battisti, Brunelleschi, p 144
Duomo, Florence
second passageway in the dome; stairs from second to third passageway

Battisti, *Brunelleschi*, pp 153, 158
Duomo, Florence, dome of 1420-36: Brunelleschi's scaffolding as reported by Nelli, 1755

Prager & Scaglia, Brunelleschi: Studies, p 28
Duomo, Florence, plan of scaffolding holes and reconstruction of working platform

Battisti, *Brunelleschi*, p 123
Duomo, Florence: conjectural reconstruction of the first stage of construction, with scaffolding attached to the interior

Battisti, *Brunelleschi*, p 139
Duomo, Florence, sections with conjectural reconstruction of scaffolding

Battisti, *Brunelleschi*, p 166
Duomo, Florence, plan and section of scaffolding and centering at the top, as conjectured by F Gattari & A Vartolo

Battisti, *Brunelleschi*, p 167
lantern of the Duomo: wooden model by Brunelleschi; as executed by Giuliano da Maiano, 1463. Museo del Opera del Duomo, Florence. FA, 172/ F632/ 2CAT/ LAN/ 3; RE20.31.20; Fanelli, Brunelleschi, p 35
Duomo, Florence: medium duty hoist, scaffolding and cranes used in the construction of the lantern, & crane on rollers, used to build the cone, from B Ghiberti, *Zibaldone* Battisti, *Brunelleschi*, p 262-3
Santa Maria delle Carceri, Prato, by Giuliano da Sangallo, 1445-1516

Fine Arts, 172/F912/2ca. C.89.7.112; Murray, *Architecture of the Italian Renaissance*, p 103
Santa Maria delle Carceri, Prato

Icarus 1990; Fine Arts, 172/F912/2ca/in; 9 506; Murray, Architecture of the Italian Renaissance, p 103
Madonna del Calcinaio, Cortona, by Francesco di Giorgio, 1484-90

Fine Arts, unnumbered; B B & H Lewis
Madonna del Calcinaio, Cortona
Fine Arts, 172/C831/2ca/in; B B & H Lewis