

# Theory Module 5 AR 0504

Course structure and methodology

## COURSE OBJECTIVE

Study of the age of discovery, humanism in Renaissance and Baroque arts. New worlds and the beginnings of colonization, leading to the making of a new world order-and Enlightenment era influencing the arts. Study of Industrialization, colonization, and the beginning of new building materials and architectural typologies

## CONTENT FOR THE MODULE

Renaissance masters, Palladianism or Mannerism or Baroque, and Industrialization. Colonial architecture in the Southern hemisphere. Birth and evolution of Hospitals or, University campus, or Museums.

## LEARNING OUTCOME

Students will develop understanding for the Renaissance heritage and early materials and construction technology. This course further clarifies the ways in which interpretations are evolved through time in leading to understanding of architectural ideologies and principles.

## Text books/ Reference books:

1. Age of Renaissance by Hay, Denny's Ed
2. Architecture of Italian Renaissance by Murray, Peter
3. Judgement of sense: Renaissance naturalism and the rise of aesthetics by Summers, David
4. Renaissance: History of civilization in Italy from 1304-1576 AD by Durant, Will
5. Formal design in Renaissance architecture from Brunelleschi to Palladio by Furnari, Michele
6. Mathematics of an Ideal Villa, Colin Rowe
7. Architectural Principles in the age of humanism, Rudolf Wittkower
8. Baroque Architecture: 1600-1750 by Lemerle Frederique, Yves Pauwels
9. Social History of Art, Volume 2: Renaissance, Mannerism, Baroque by Arnold Hauser

## Topics covered:

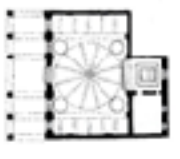



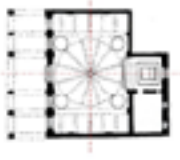

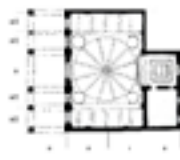

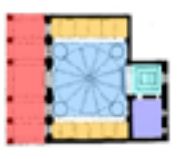
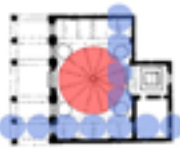
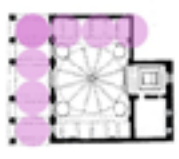
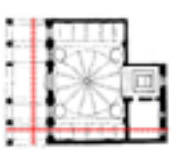




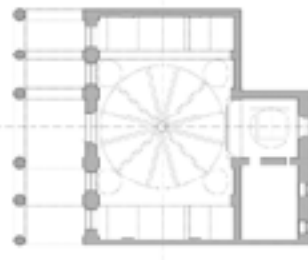


- Socio-political and economic changes that lead to humanism in Europe. Principles and ideologies that impacted society due to this. Interpretation of such in relation to changes brought in arts and architecture.
- Alberti's interpretation of beauty and ornamentation in architecture, examples to elaborate his approaches/ takes towards architecture.
- Evolution of churches. Appropriate sketches & examples to explain the process.
- Palladio's conceptual approach towards designing villas. Schematic diagrams, sketches and drawings of any of the villas to elaborate principles.
- Palladio's principles for optical correctness as manifested through his approach of San Giorgio Maggiore. Through sketches and diagrams establish the correlation between approaches to Palladian villas and Le orbs interpretation as elaborated by Colin Rowe in 'The mathematics of an ideal villa'.

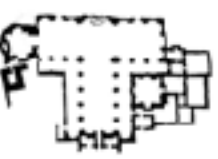



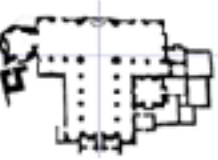





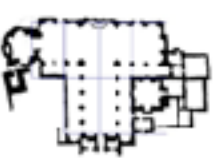
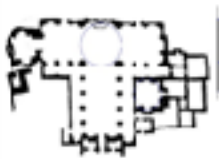



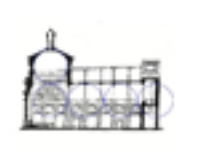






## Topics covered:

- Brunelleschi's approach towards dome construction of The Santa Maria del Fiore cathedral in Florence.
- Centralized churches. Appropriate sketches & examples to explain the process.
- Humanism and Mannerism, ideologies and approaches in Art and Architecture. Discussion of works of architects.
- Baroque and concerns of urbanity. Elaborated through examples.
- Evolution of churches, socio-political factors which effected that.
- The approaches towards architecture, academic practices and belief.

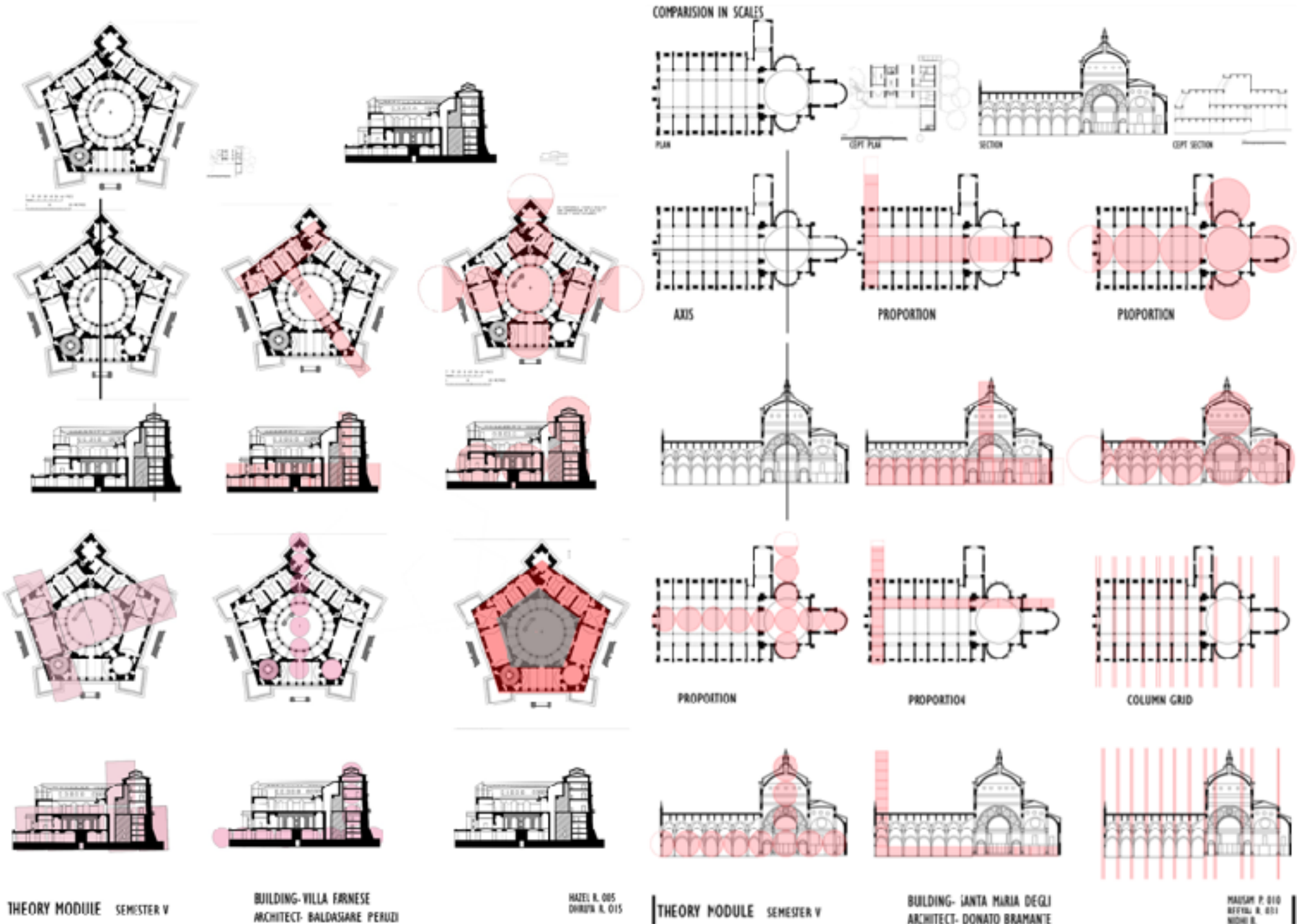
# Exercises:

- Exercise 1: Change in Society and development of artform, a change in the way of looking into things.
- Exercise 2: Adaptation and representation of principles and ideologies, analyzing a particular case study.
- Exercise 3: Comparative study to buildings of Indian subcontinent in the same timeline, through concerns of space, climate, material and methods of construction.

 Plan	 Plan with	 Section	 Section with
 Plan	 Plan of space according to structure	 Plan of space	 Plan of space
 Section analysis	 Section 1	 Section 2	 Section 3
 Section analysis	 Geometry of space in section	 Section of different structure	 Section analysis
 Plan with Scale: 1:25	 Section Scale: 1:25		
Theory Module 05	Real Chapel 1429 and Rocca Brunelleschi	Section of different structure	Scale: 1:25 Date: 21/02/24

 PLAN	 PLAN OF GRID	 SECTION	 SECTION OF GRID
 AIS	 COLUMN GRID	 ANALYSIS	 ANALYSIS
 ANALYSIS	 ANALYSIS	 ANALYSIS	 HYPOTHESIS
 EVOLUTION	 EVOLUTION	 SECTION ANALYSIS	 SECTION ANALYSIS
 2			
 Theory Module 05			Scale: 1:25 Date: 21/02/24
Theory Module 05	Scale: 1:25 Date: 21/02/24	Scale: 1:25 Date: 21/02/24	Scale: 1:25 Date: 21/02/24





THEORY MODULE SEMESTER V

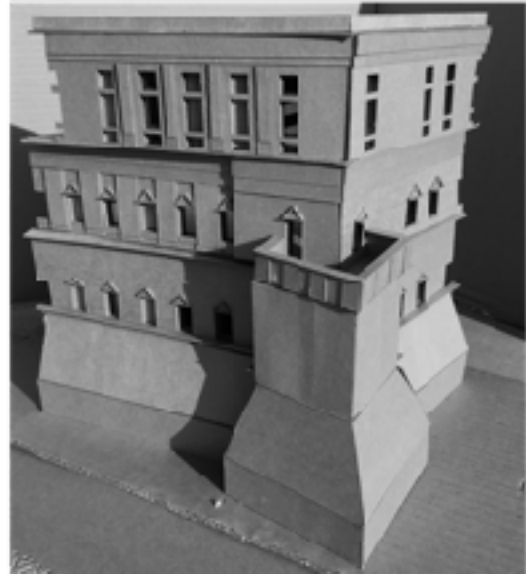
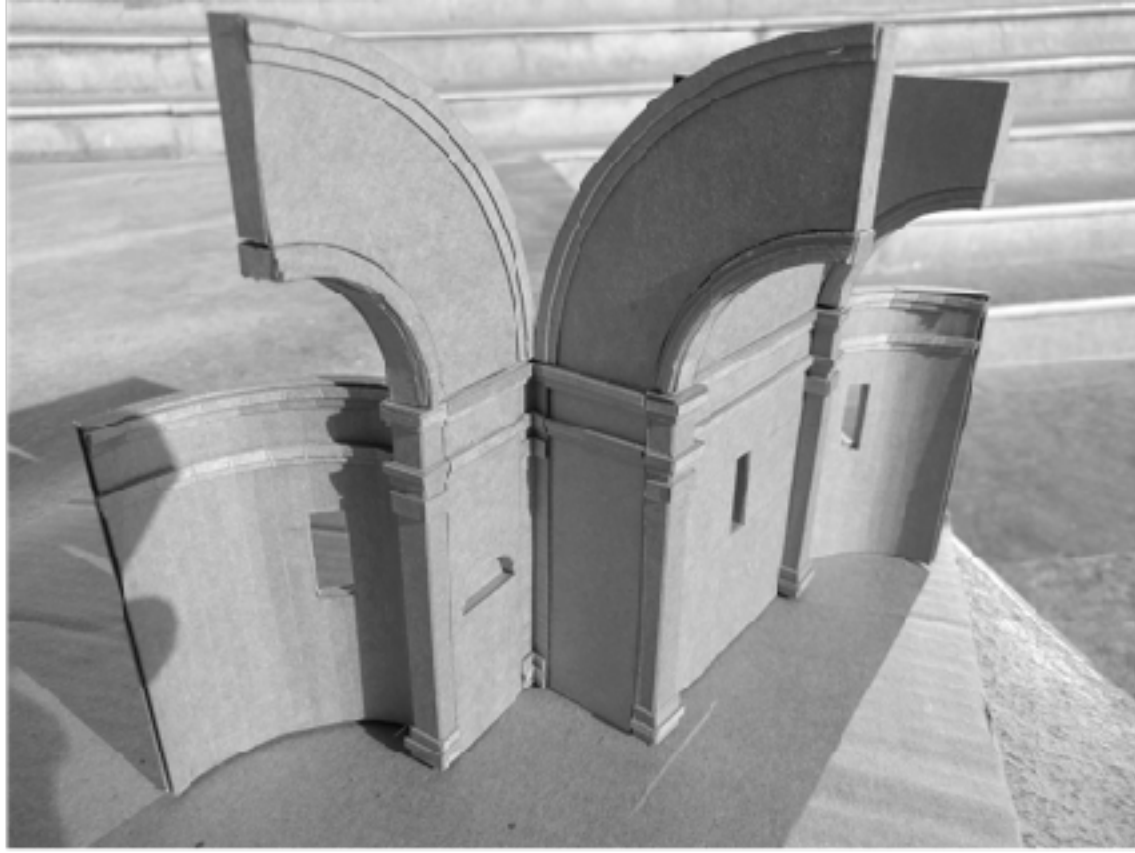
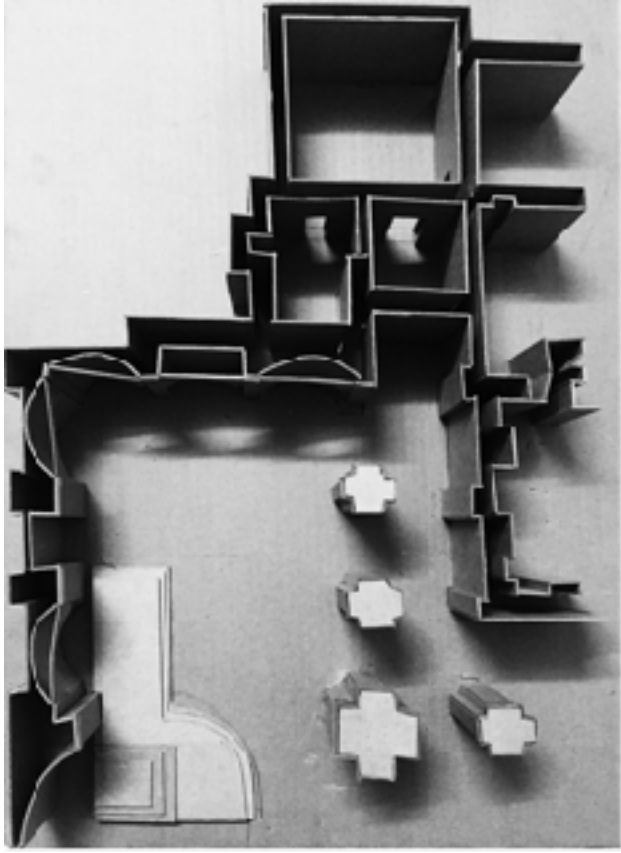
BUILDING- VILLA FARNESE  
ARCHITECT- BALDASARE PERUZI

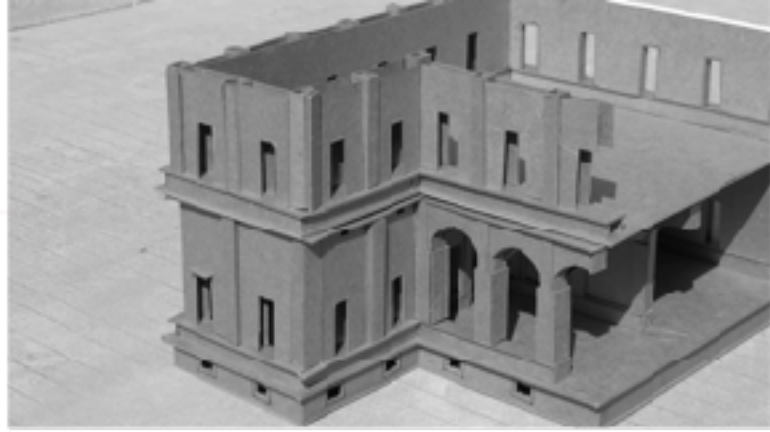
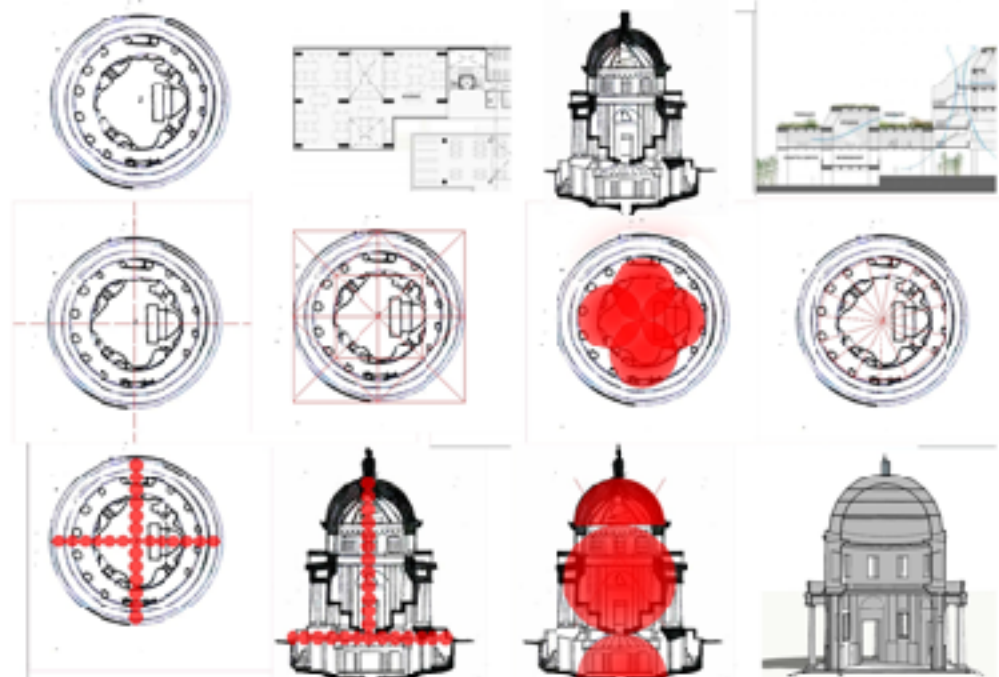
HAZEL B. 005  
DIRINA A. 015

THEORY MODULE SEMESTER V

BUILDING- SANTA MARIA DEGLI  
ARCHITECT- DONATO BRAMANTE

MAUSUM P. 010  
REYAZ A. 001  
NISHI B.



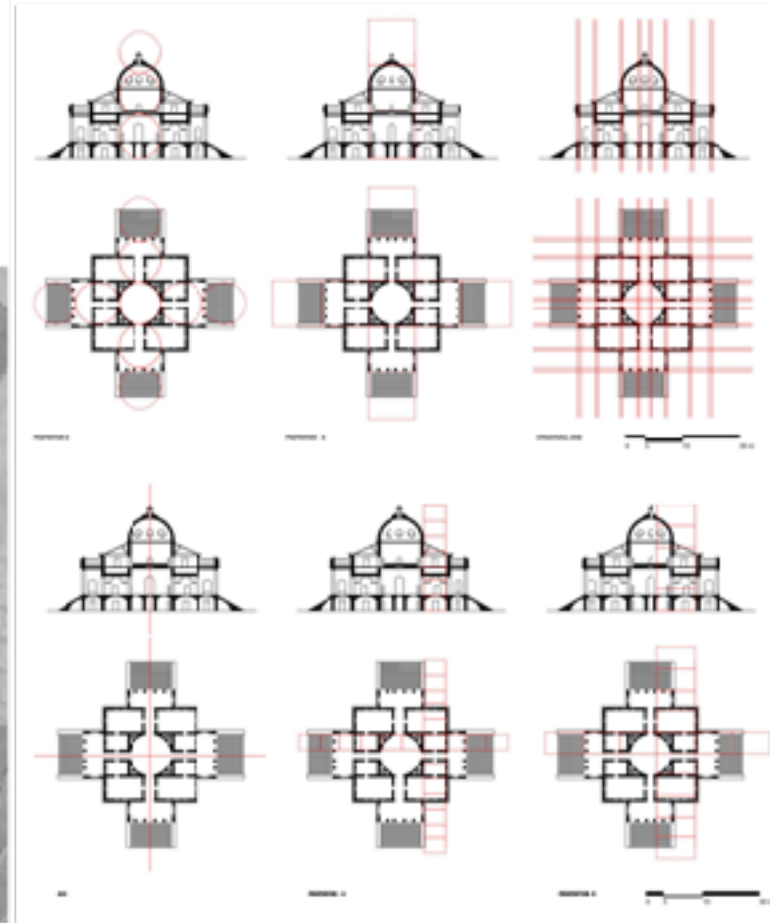


Theory Module 05

Pantheon, Rome 125 AD  
Donato Bramante

THEORY MODULE  
ARCHITECT - ANDREA FALLAI

SCALE 1:100  
Date: 20/03/2024



THEORY MODULE

BUILDING - VILLA CARLO  
ARCHITECT - ANDREA FALLAI

SECTIONS - IV

DATE: 01/04/2024  
SCALE: 1:100  
DRAWN BY: ANDREA FALLAI