HSAR 252 - Roman Architecture with Professor Diana E. E. Kleiner Lecture 3 – Technology and Revolution in Roman Architecture

- 1. Title page with course logo.
- 2. Temple of Portunus, Rome, general view. Image Credit: Diana E. E. Kleiner.
- 3. Text.
- 4. La Montagnola Tomb, Quinto Fiorentino, interior with stone dome. Reproduced from *The Etruscans* by Maya Sprenger (1977), pl. 45.

Pantheon, Rome, dome. Image Credit: Diana E. E. Kleiner.

5. Temple of Vesta, Tivoli, detail of cella and columns. Image Credit: Diana E. E. Kleiner.

Sanctuary of Fortuna Primigenia, Palestrina, detail of annular vault. Image Credit: Diana E. E. Kleiner.

- 6. Horrea Epagathiana, Ostia, detail of entrance. Image Credit: Diana E. E. Kleiner.
- 7. Porticus Aemilia, Rome, site plan.

Reproduced from Pictorial Dictionary of Ancient Rome II by Ernest Nash (1962), fig. 985.

Porticus Aemilia, Rome, plan on Forma Urbis.

Reproduced from The Architecture of the Roman Empire I by William L. MacDonald (1965), fig. 2a.

Porticus Aemilia, Rome, remains. Reproduced from Etruscan and Early Roman Architecture by Axel Boëthius (1978), fig. 137.

8. Porticus Aemilia, Rome, model.
Reproduced from *The Architecture of the Roman Empire* I by William L. MacDonald (1965), fig. 1a.

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Porticus Aemilia, Rome, detail of model.

Reproduced from The Architecture of the Roman Empire I by William L. MacDonald (1965), fig. 1b.

Barrel vault, diagram. Reproduced from *The Architecture of the Roman Empire* I by William L. MacDonald (1965), p. 16.

- 9. Porticus Aemilia, Rome, cross-section of vaulting. Reproduced from *The Architecture of the Roman Empire* I by William L. MacDonald (1965), fig. 2b.
- 10. Porticus Aemilia, Rome, restored view. Reproduced from *A History of Roman Art* by Fred S. Kleiner (2007), fig. 1-17 (John Burge).
- 11. Porticus Aemilia, Rome, restored view. Credit: Yale University.
- 12. Map of Italy in Roman times. Credit: Yale University.
- 13. Market Hall, Ferentino, vaulted interior. Image Credit: J. Keith Doherty.
- 14. Market Hall, Ferentino, vaulted interior. Image Credit: J. Keith Doherty.

Markets of Trajan, Rome, great hall. Reproduced from A History of Roman Art by Fred S. Kleiner (2007), fig. 11-16.

- 15. Sanctuary of Jupiter Anxur, Terracina, view from the town. Image Credit: Diana E. E. Kleiner.
- 16. Sanctuary of Jupiter Anxur, Terracina, restored view. Credit: Yale University.
- 17. Sanctuary of Jupiter Anxur, Terracina, detail of podium. Image Credit: Diana E. E. Kleiner.
- 18. Sanctuary of Jupiter Anxur, Terracina, detail of lateral arches. Image Credit: Diana E. E. Kleiner.
- 19. Sanctuary of Jupiter Anxur, Terracina, restored view. Credit: Yale University.

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- 20. Sanctuary of Jupiter Anxur, Terracina, cryptoporticus [online image]. Wikimedia Commons. http://commons.wikimedia.org/wiki/File:TerracinaTempioGioveAnxur3.jpg (Accessed January 20, 2009).
- 21. Sanctuary of Hercules, Tivoli, restored view. Reproduced from *A History of Roman Art* by Fred S. Kleiner (2007), fig. 1-17 (John Burge).
- 22. Sanctuary of Hercules, Tivoli, restored view. Credit: Yale University.
- 23. Sanctuary of Hercules, Tivoli, detail of arcades.

 Reproduced from *The Architecture of the Roman Empire* I by William L. MacDonald (1965), fig. 5.
- 24. Sanctuary of Hercules, Tivoli, restored view. Credit: Yale University.
- 25. Sanctuary of Hercules, Tivoli, cryptoporticus.
- 26. Roman Forum, with Tabularium, aerial view. Credit: Google Earth.
- 27. Tabularium, Rome, general view. Image Credit: Diana E. E. Kleiner.
- 28. Tabularium, Rome, passageway [online image]. Wikimedia Commons. http://commons.wikimedia.org/wiki/File:010218 campidoglio tabularium 01.JPG (Accessed January 20, 2009).
- 29. Theater of Marcellus, Rome, general view. Image Credit: Diana E. E. Kleiner.
- 30. Theater of Marcellus, Rome, aerial and 3D view. Credit: Google Earth.
- 31. Theater of Marcellus, Rome, restored view. Credit: Google Earth.
- 32. Theater of Marcellus, Rome, detail of arcades. Image Credit: Diana E. E. Kleiner.

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33. Annular vault, diagram.

Reproduced from The Architecture of the Roman Empire I by W.L. MacDonald (1965), p. 17.

Theater of Marcellus, annular vault. Image Credit: Diana E. E. Kleiner.

34. Theater of Marcellus, Rome, restored view. Credit: Google Earth.

Theater, Epidaurus, general view. Image Credit: Diana E. E. Kleiner.

- 35. Victor Emmanuel Monument (Vittoriano), aerial view. Credit: Google Earth.
- 36. Sanctuary of Fortuna Primigenia, Palestrina, aerial view. Reproduced from *A History of Roman Art* by Fred S. Kleiner (2007), fig. 1-19.
- 37. Sanctuary of Fortuna Primigenia, Palestrina, aerial view. Credit: Google Earth.
- 38. Sanctuary of Fortuna Primigenia, Palestrina, restored view.

 Reproduced from *Etruscan and Early Roman Architecture* by Axel Boëthius (1978), fig. 158.
- 39. Sanctuary of Fortuna Primigenia, Palestrina, restored view. Credit: Yale University.
- 40. Sanctuary of Fortuna Primigenia, Palestrina, cross-section.

 Reproduced from *Etruscan and Early Roman Architecture* by Axel Boëthius (1978), pp. 172-173, fig. 162.
- 41. Sanctuary of Fortuna Primigenia, Palestrina, restored view. Reproduced from *A History of Roman Art* by Fred S. Kleiner (2007), fig. 120 (John Burge).
- 42. Sanctuary of Fortuna Primigenia, Palestrina, ramp. Image Credit: Diana E. E. Kleiner.
- 43. Sanctuary of Fortuna Primigenia, Palestrina, detail of capital. Image Credit: Diana E. E. Kleiner.

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Sanctuary of Fortuna Primigenia, Palestrina, capitals.

- 44. Sanctuary of Fortuna Primigenia, Palestrina, section of ramp.
- 45. Sanctuary of Fortuna Primigenia, Palestrina, arcades. Image Credit: Diana E. E. Kleiner.
- 46. Sanctuary of Fortuna Primigenia, Palestrina, hemicycle. Image Credit: Diana E. E. Kleiner.
- 47. Sanctuary of Fortuna Primigenia, Palestrina, annular vault with coffers [online image]. Wikimedia Commons. http://commons.wikimedia.org/wiki/File:Santuario_volta_cassettoni.JPG (Accessed January 20, 2009).
- 48. Sanctuary of Fortuna Primigenia, Palestrina, annular vault. Image Credit: Diana E. E. Kleiner.
- 49. Sanctuary of Fortuna Primigenia, Palestrina, opus incertum. Image Credit: Diana E. E. Kleiner.
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- 51. Sanctuary of Fortuna Primigenia, Palestrina, Barberini Palace. Image Credit: Diana E. E. Kleiner.
- 52. Sanctuary of Fortuna Primigenia, Palestrina, "theater." Image Credit: Diana E. E. Kleiner.
- 53. Sanctuary of Fortuna Primigenia, Palestrina, restored view. Credit: Yale University.

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