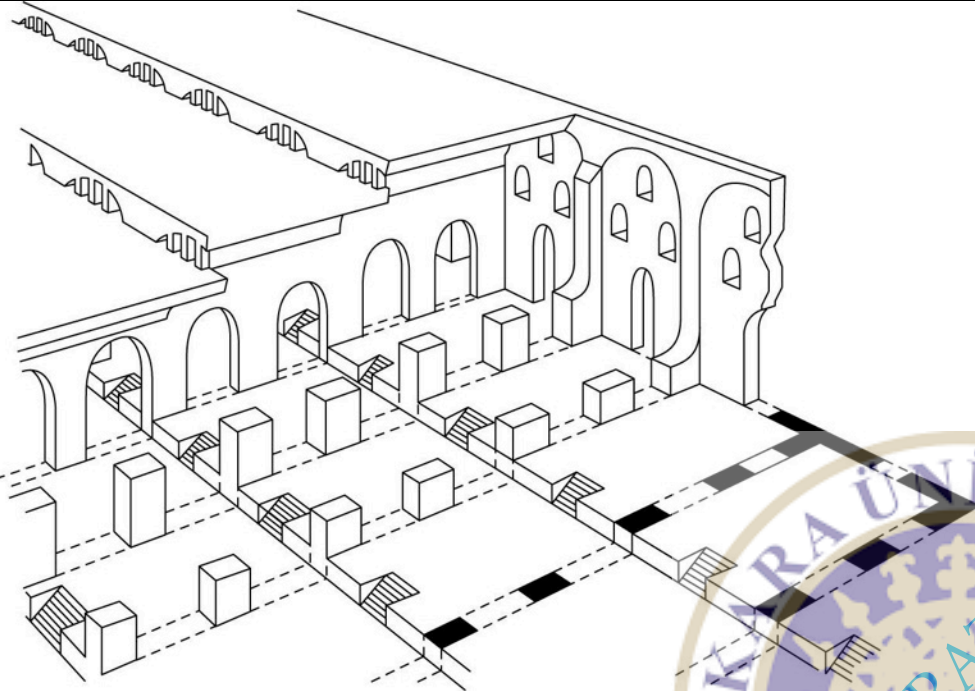


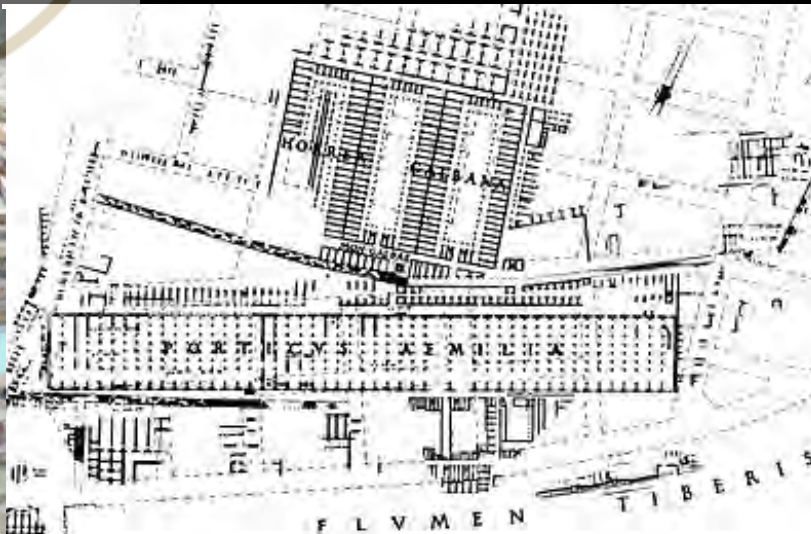
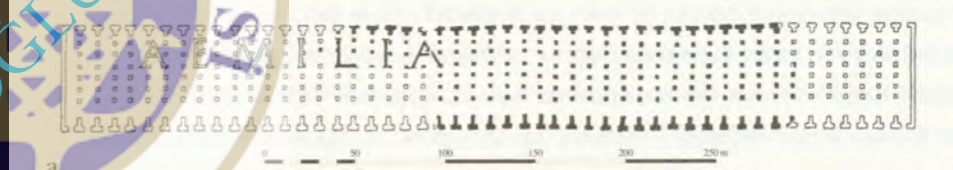


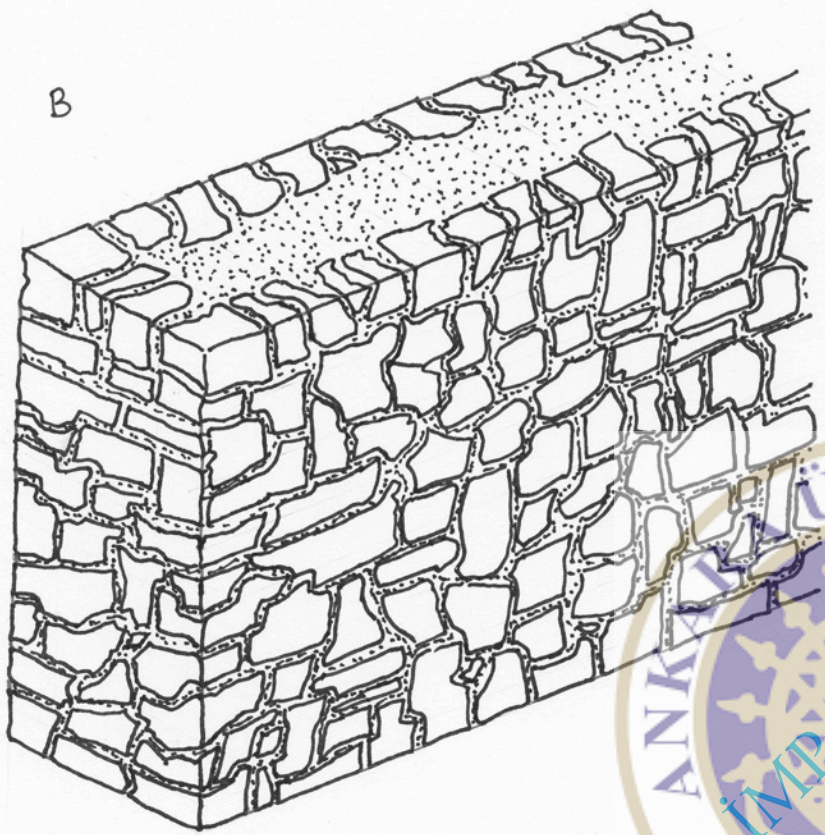
KLIA 421 ROMA İMPARATORLUK MİMARİSİ
Prof. Dr. Musa KAYDIOĞLU



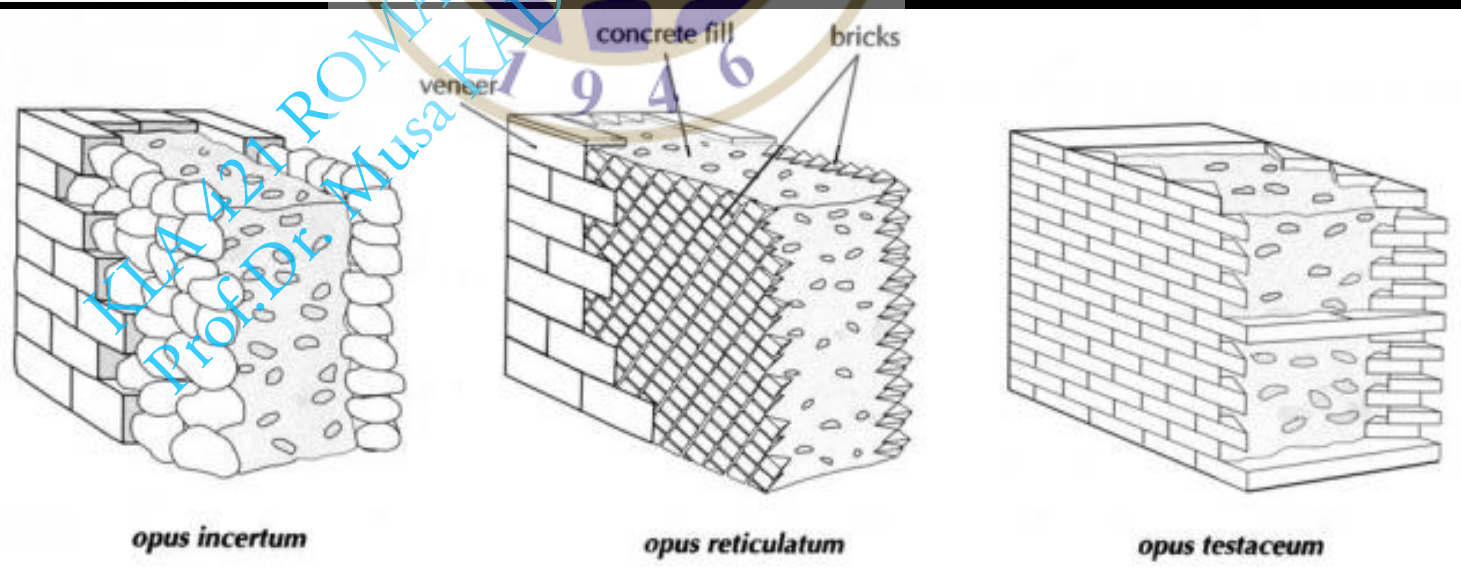
COPYRIGHT - UCLA Cultural Virtual Reality Lab 5.99

PORTICUS AEMILIA (MÖ 193/174) 487x90 m

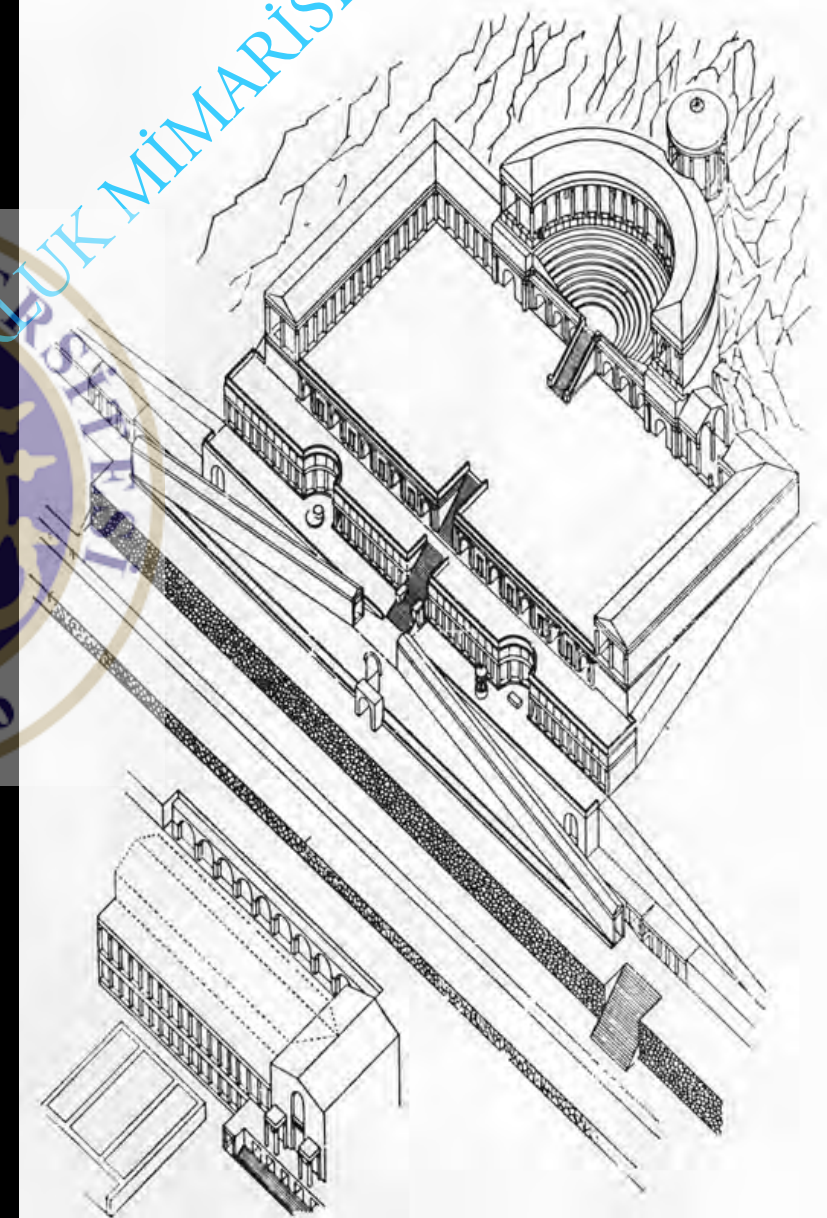
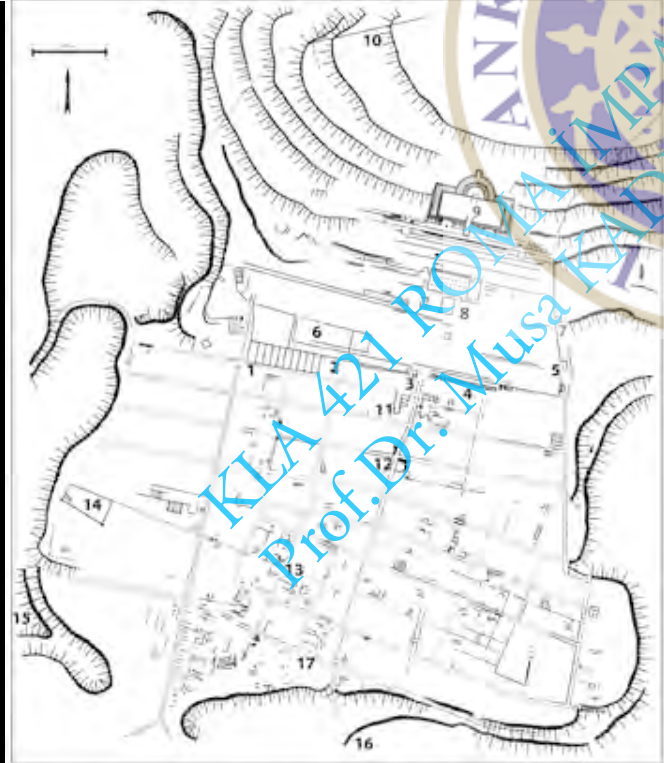
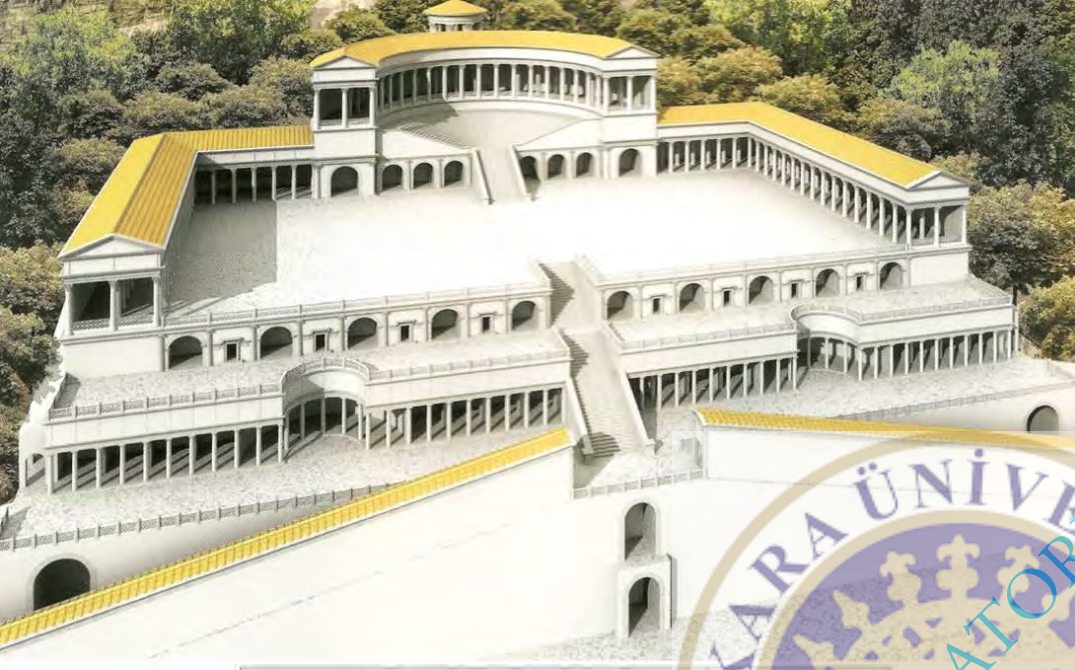




OPUS INCERTUM

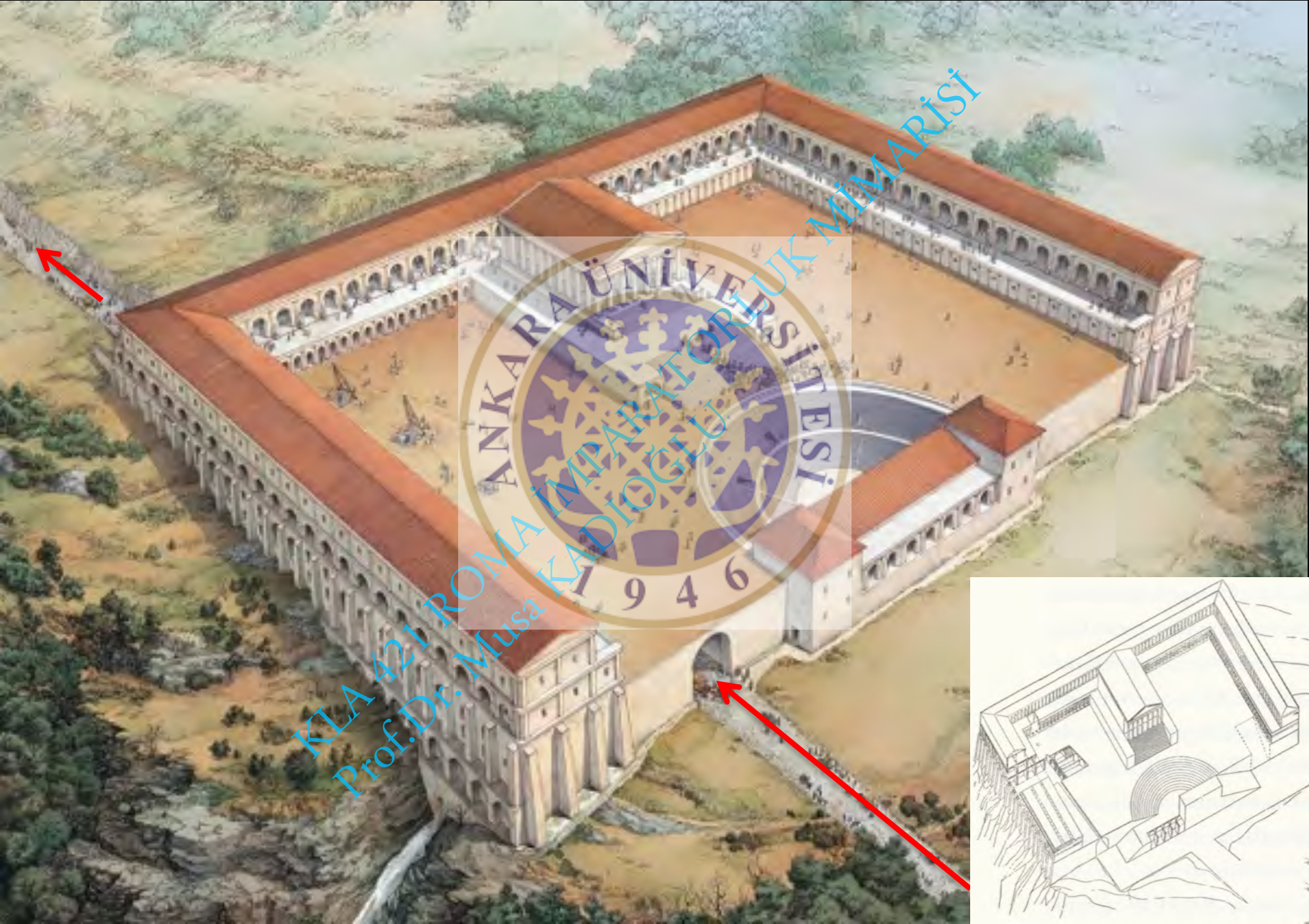


Palestrina, Fortuna Kutsal Alanı

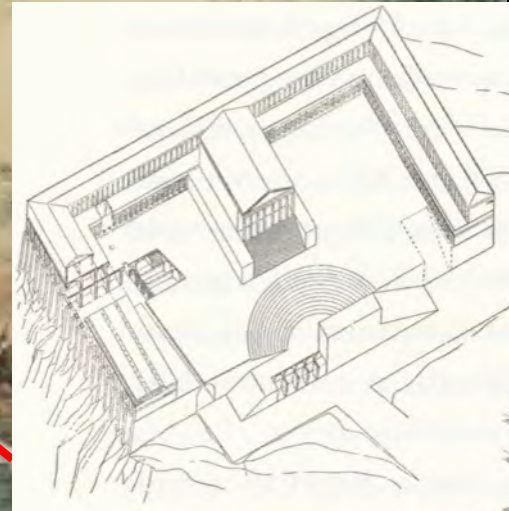


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Tivoli yakınlarındaki Herkül Victor Tapınağı



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1946
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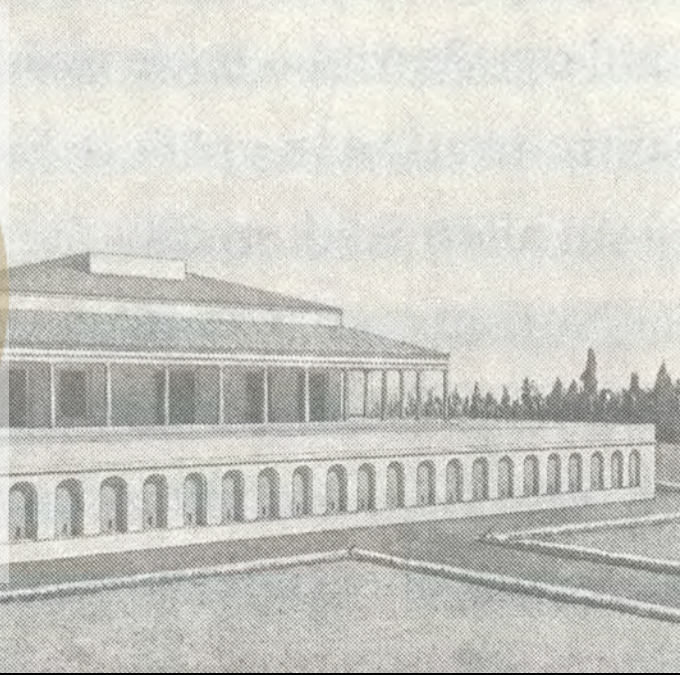


Terracina'daki Jüpiter Anxur kutsal alanı



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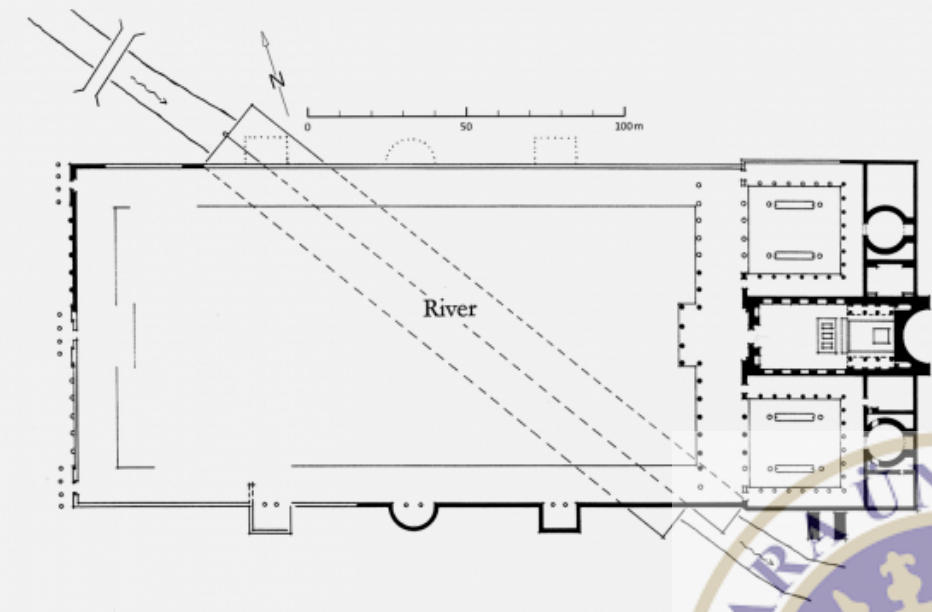
d.



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ABB. 54. Pompeji, unterschiedliche Häuser (maßstabähnlich):

- a. Hofhallenhaus;
- b. Casa di Chirurgo;
- c. Casa del Fauno;
- d. Mysterienvilla.



PERGAMON KIZIL AVLU – SERAPİS TAPINAĞI

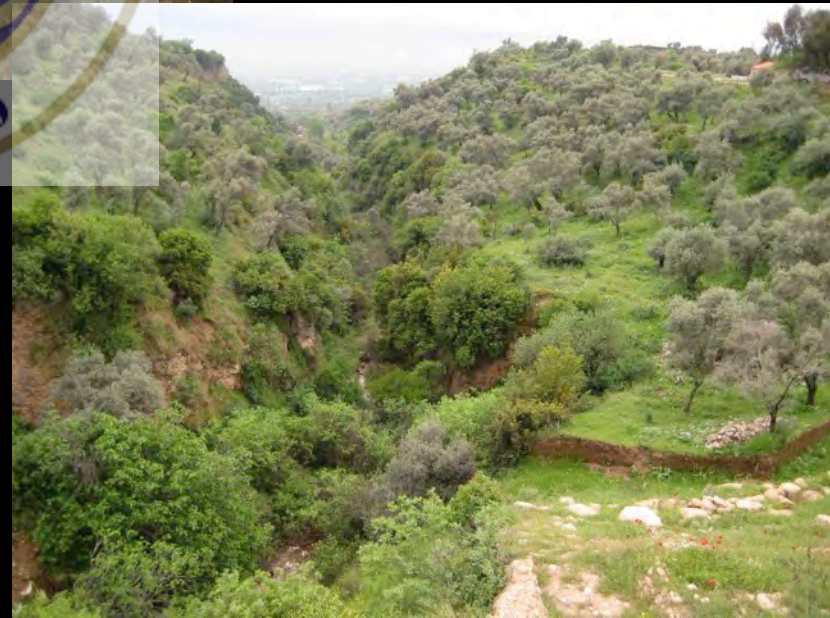


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NYSA STADIONU



ANKARA İTİBARI
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KLA 421 ROMA İMPARATORU KADİOĞLU MİMARISI
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KIA 21 ROMAN MIMARISI

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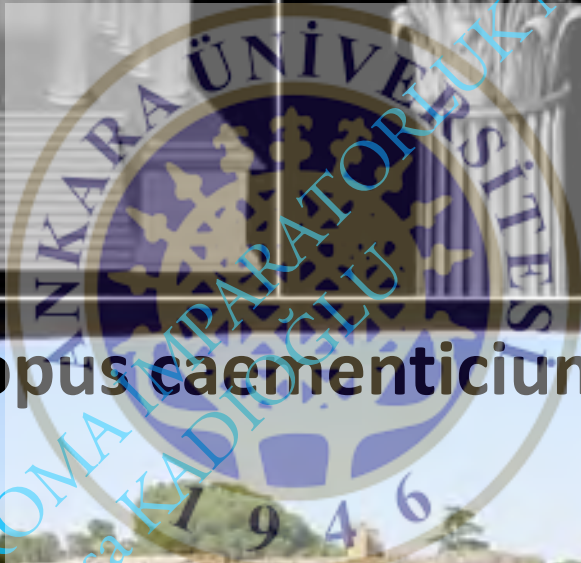
1946



opus caementicium



KIA 421 ROMA IMPERATORIUM KADIOGLU
Prof. Dr. Musa KADIOGLU



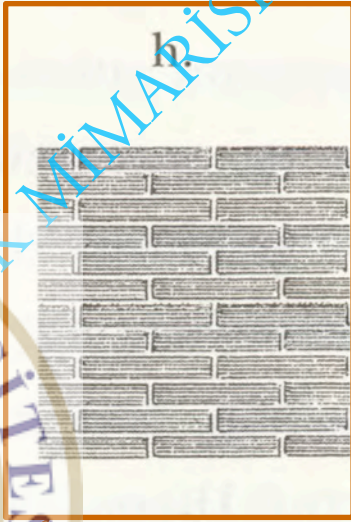
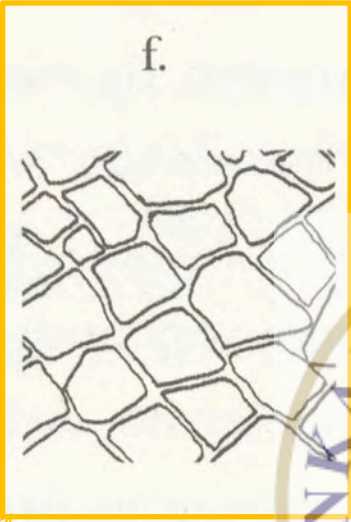
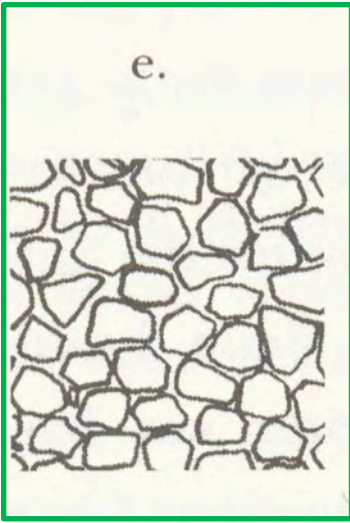
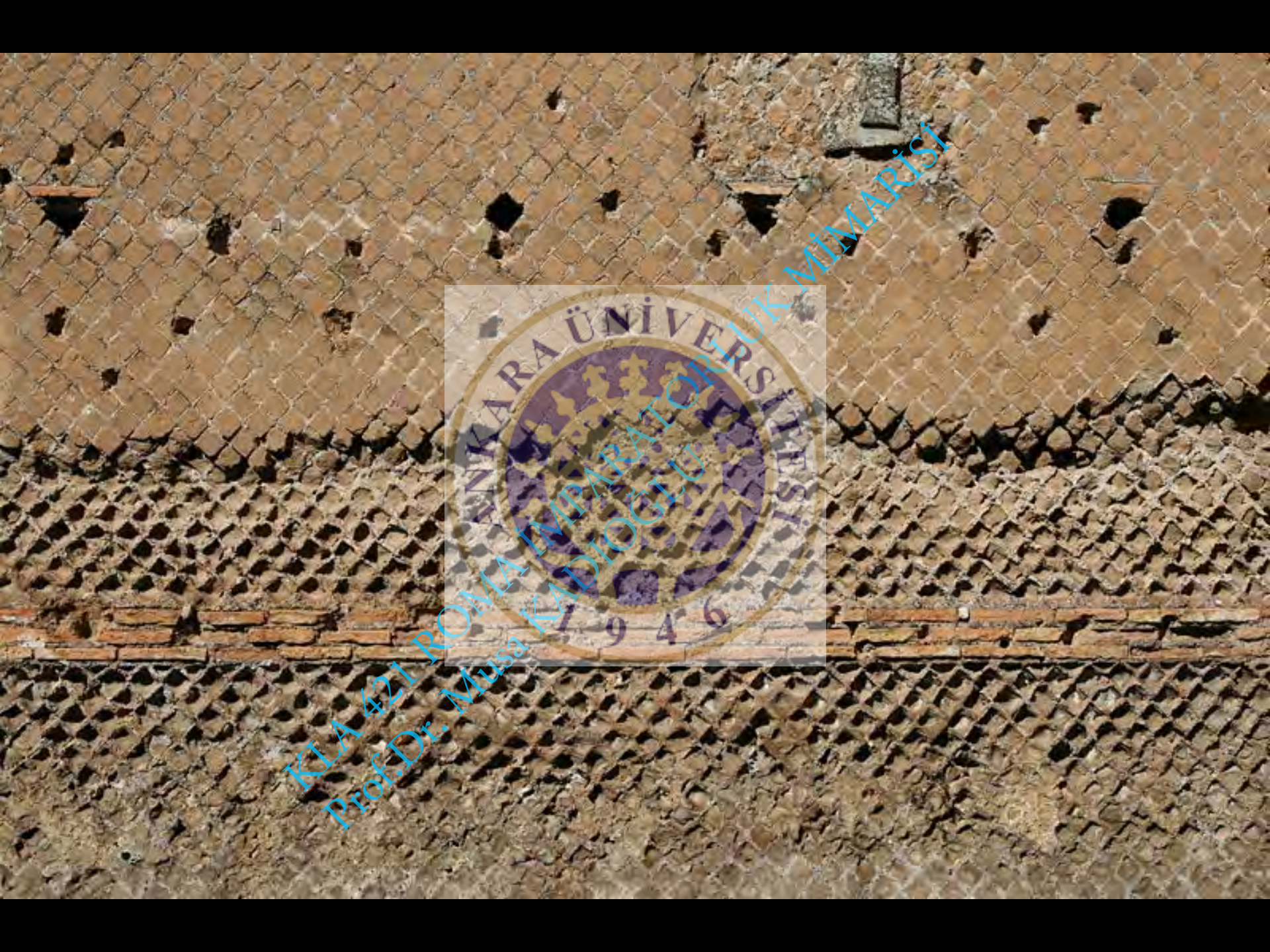
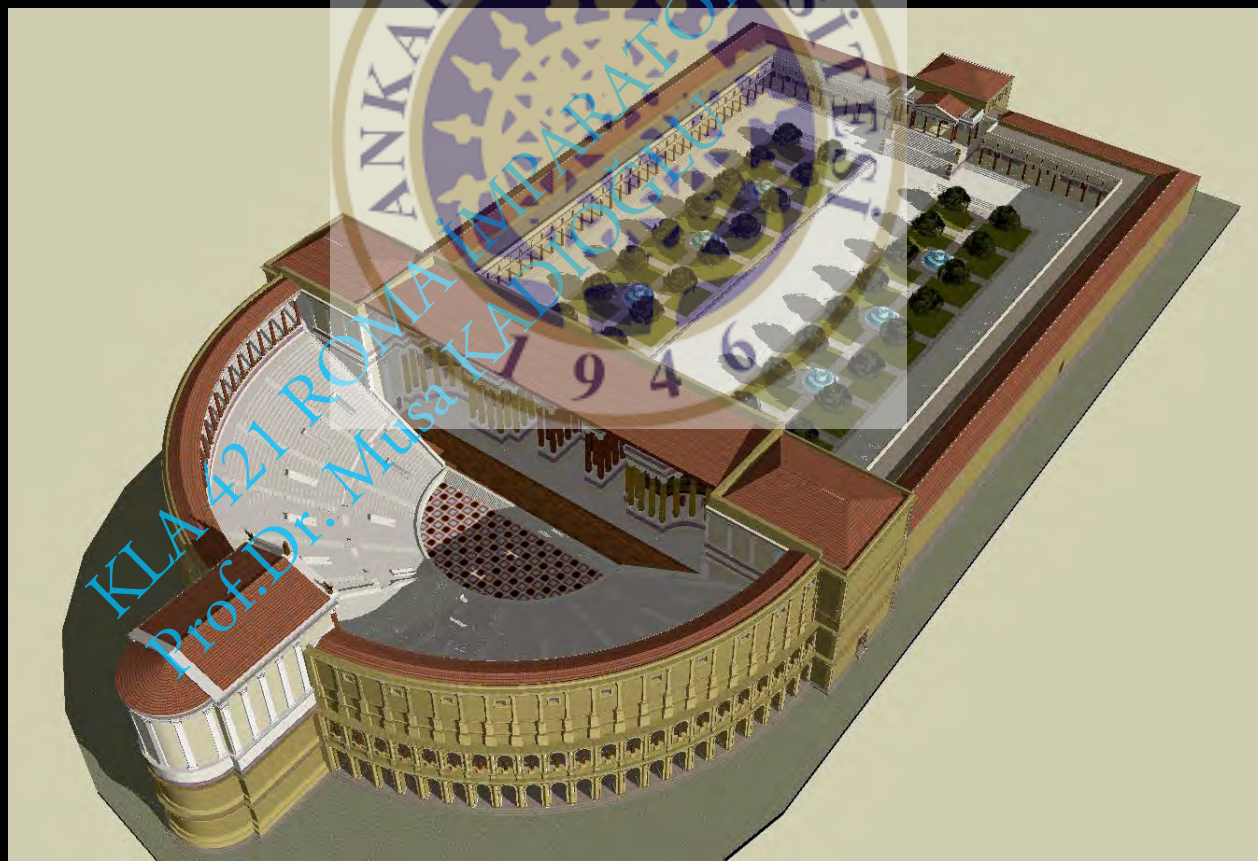
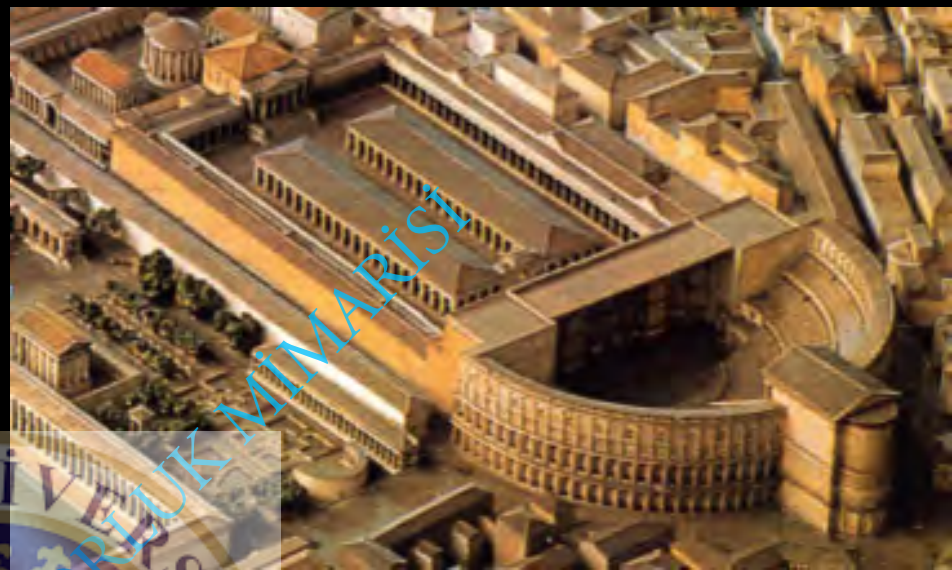
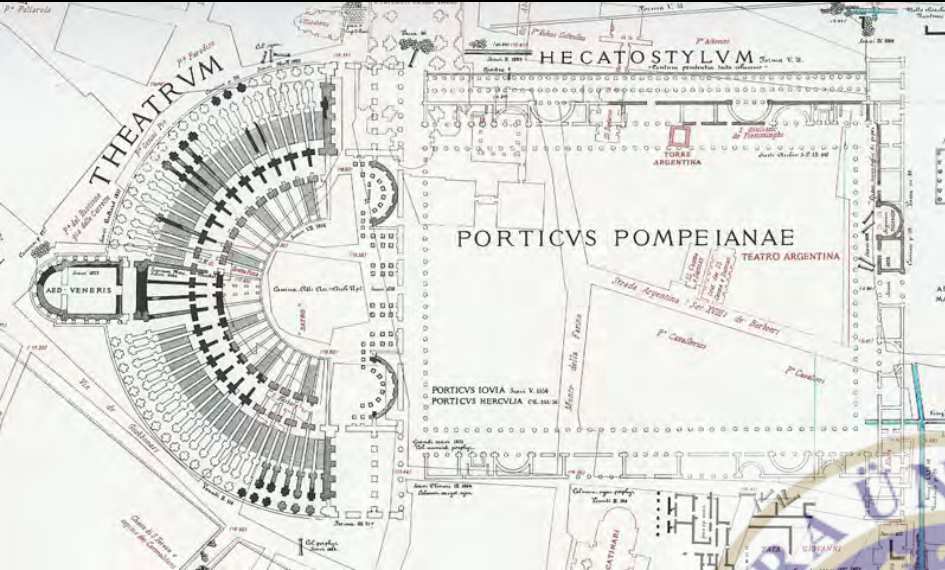


ABB. 4. Überblick über Mauerarten (schematisiert):
 a. und b. Polygonalmauerwerk;
 c. Gußmauerwerk mit Holzverschalung;
 d. Schnitt durch eine Mauer mit Gußkern und Steinverschalung;
 e. Incertum;
 f. Quasiretikulat;
 g. Retikulat;
 h. Testaceum;
 i. Listatum.

KLA 421 ROMA
 Prof. Dr. MUSA KADIOGLU
 ANKARA ÜNİVERSİTESİ
 MİMARLIK FAKÜLTESİ



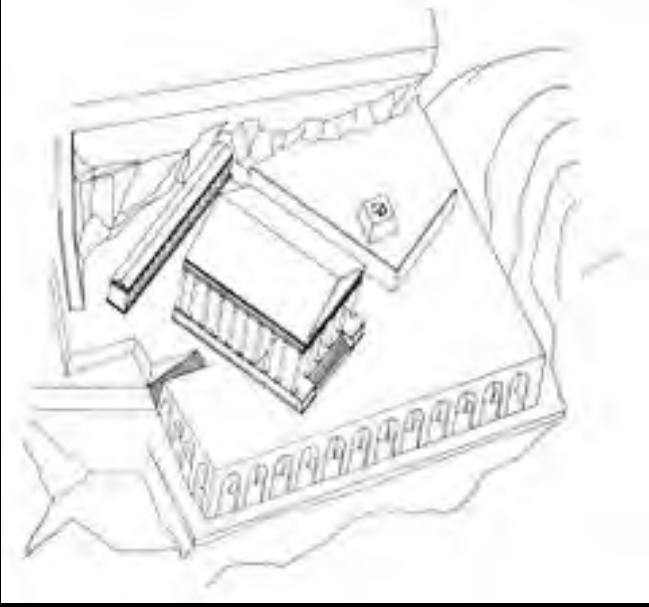
KIA 421 ROMA İMPARATORLUK MİMARISI
Prof. Dr. Musa KADIOĞLU



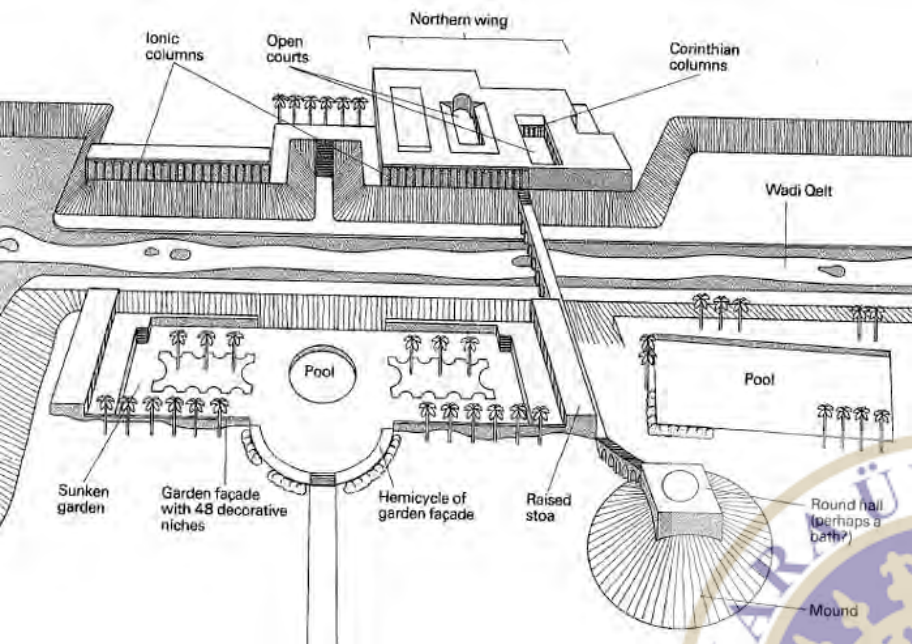
KLA 421
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Vitruvius (2, 8.1)

“İki duvar biçemi vardır: şimdi herkesin kullandığı “opus reticulatum” ve “opus incertum” olarak bilinen eski biçem. Bunlardan reticulatum’un görünümü daha iyi olmakla birlikte, her yönde döşenen ve yayılan yapısı nedeniyle çatlama olasılığı vardır. Diğer yandan, opus incertum’da molozlar sıralar halinde birbirleri üstüne bindirilerek döşendiğinden, güzel görünmediği halde, opus reticulatum’dan daha sağlam bir duvar ortaya çıkar.

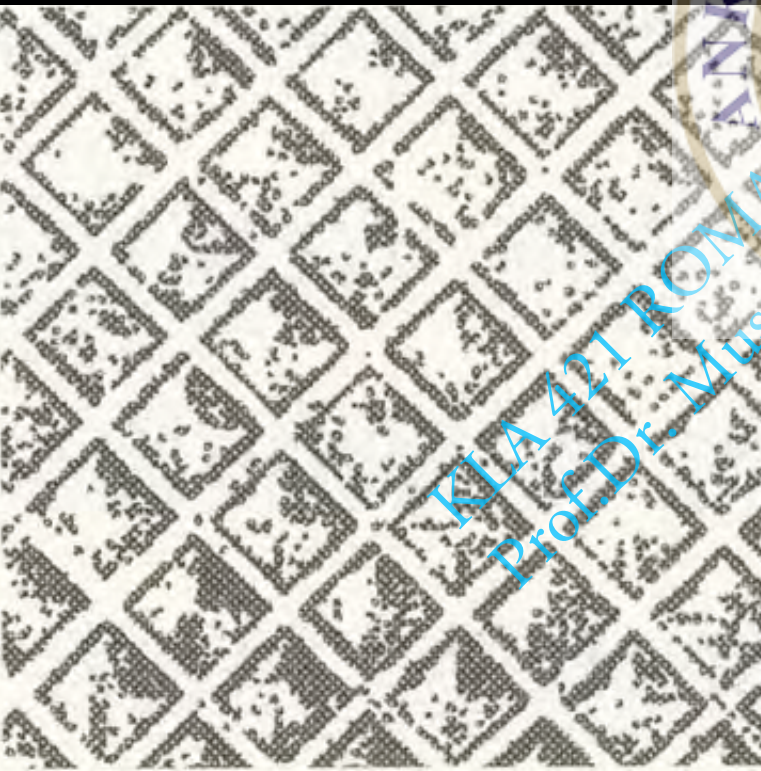


TERRACINA, JUPİTER ANXUR TAPINAĞI
– OPUS RETICULATUM

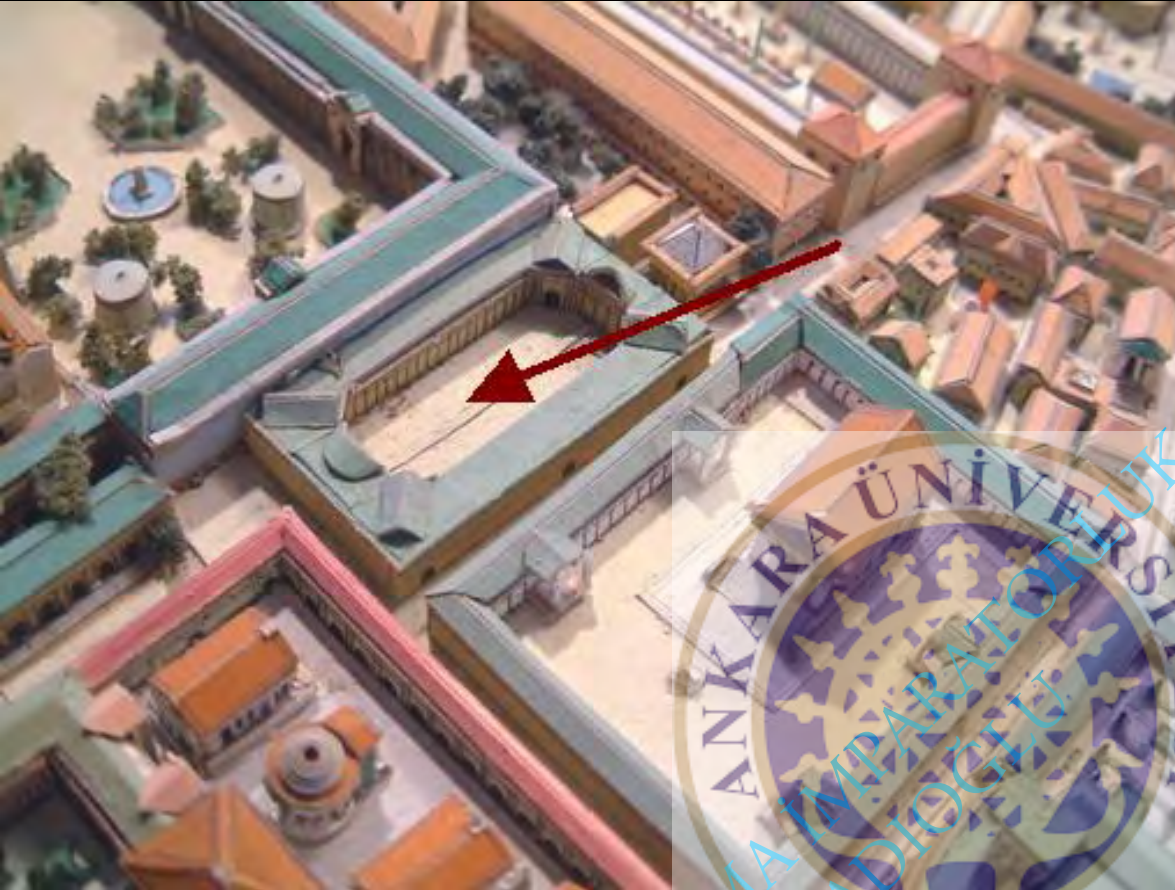




ROMA, AUGUSTUS'UN MAUSOLEUMU (Mozelesi)



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Saepta Iulia
(halkın seçim salonu)



Diribitorium
(oyların sayıldığı yer)

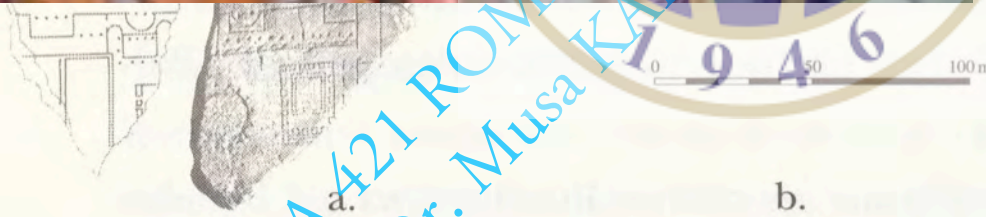


ABB. 25. Rom, Großbauten der späten Republik (maßstabgleich):
a. Theater des Pompejus (nach dem severischen Marmorplan);
b. Caesarforum;
c. Saepta Iulia (nach dem Marmorplan).

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GÜNEY FRANSA NİMES, PONT DU GARD,



GÜNEY FRANSA, NİMES, PONT DU GARD,



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**İSPANYA,
MERİDA,
GUADIANA
ROMA KÖPRÜSÜ**



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Nysa Stadionu



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ANKARA ÜNİVERSİTESİ MİMARİSİ

KLA 421 ROMA
Prof. Dr. Mustafa KADIOĞLU



ANKARA ÜNİVERSİTESİ
KLA 421 ROMA MİMARLIĞI VE ORTOK MİMARİSİ
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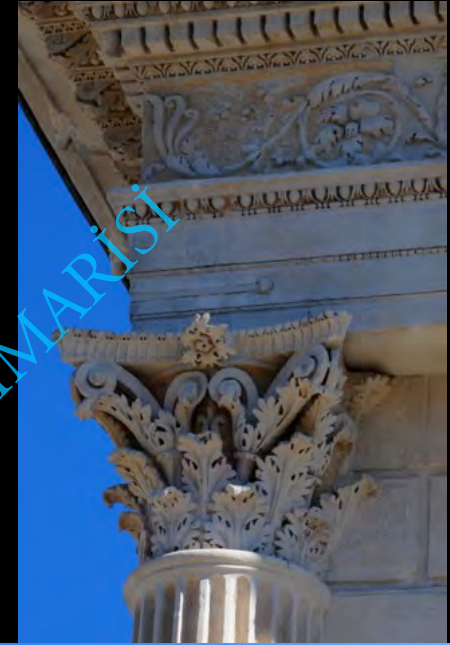
ABB. 15. Korinthisches

Normalkapitell:

- a. der augusteischen Zeit
(Tempel des Mars Ultor);
- b. der flavischen Zeit (Nerva-
forum);
- c. des frühen 6. Jhs. n. Chr. mit
Kreuzzeichen (Ravenna,
S. Apollinare Nuovo).



a.



b.

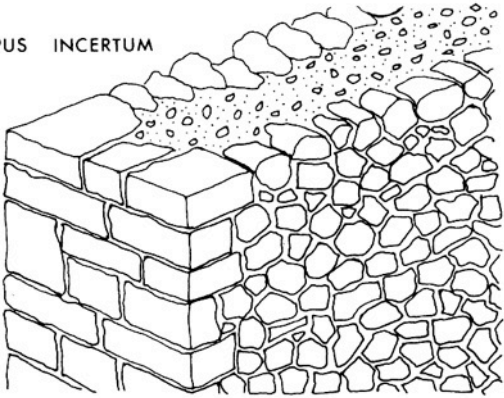
Nimes, Maison Carre İmparatorluk kült Tapınađı



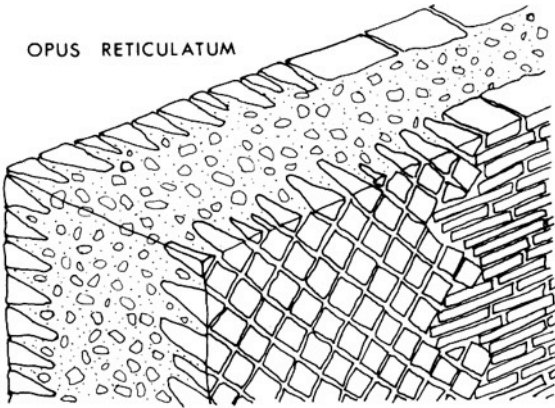
KLA 421 ROMA İMPARATORLUK KÜLT TAPINAĐI
Prof. Dr. Musa KADIOĞLU



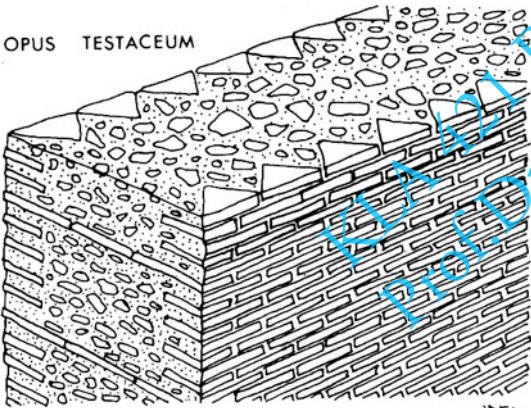
OPUS INCERTUM



OPUS RETICULATUM



OPUS TESTACEUM



JDEL

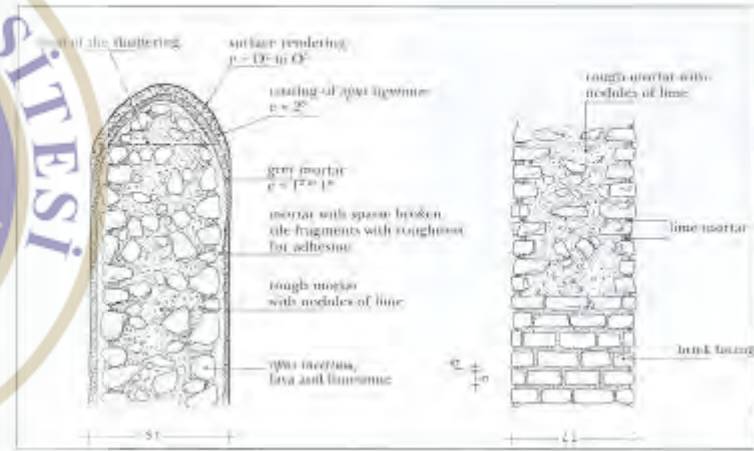
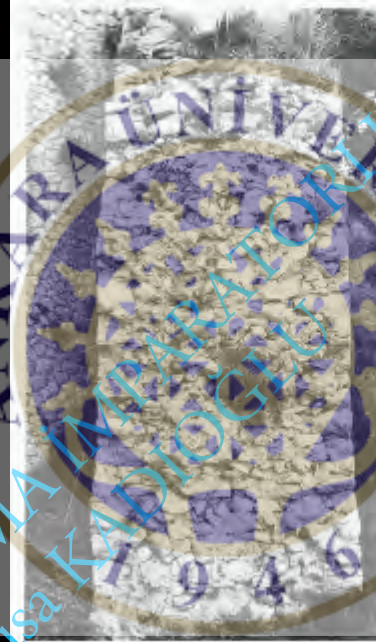


Abb. 24: Formen des opus caementicium

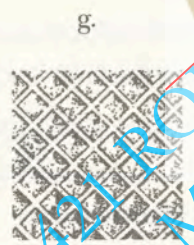
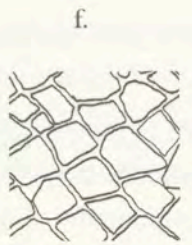
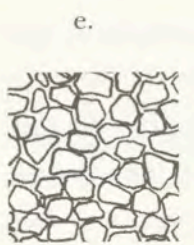
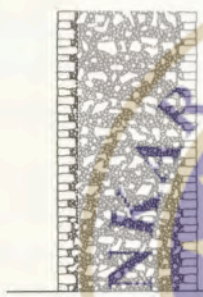
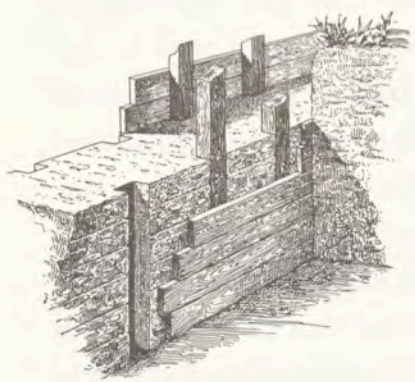


ABB. 4. Überblick über Mauerarten (schematisiert):
 a. und b. Polygonalmauerwerk
 c. Gußmauerwerk mit Holzverschalung,
 d. Schnitt durch eine Mauer mit Gußkern und Steinverschalung;
 e. Incertum;
 f. Quasiretikulat;
 g. Retikulat;
 h. Testaceum;
 i. Listatum.

OSTIA

opus testaceum = opus latericium

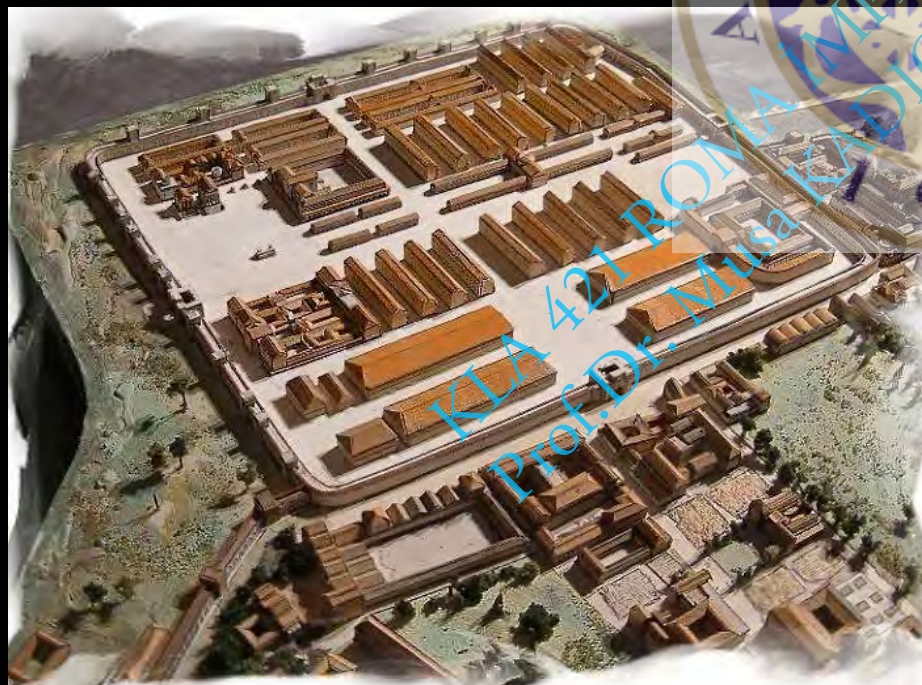


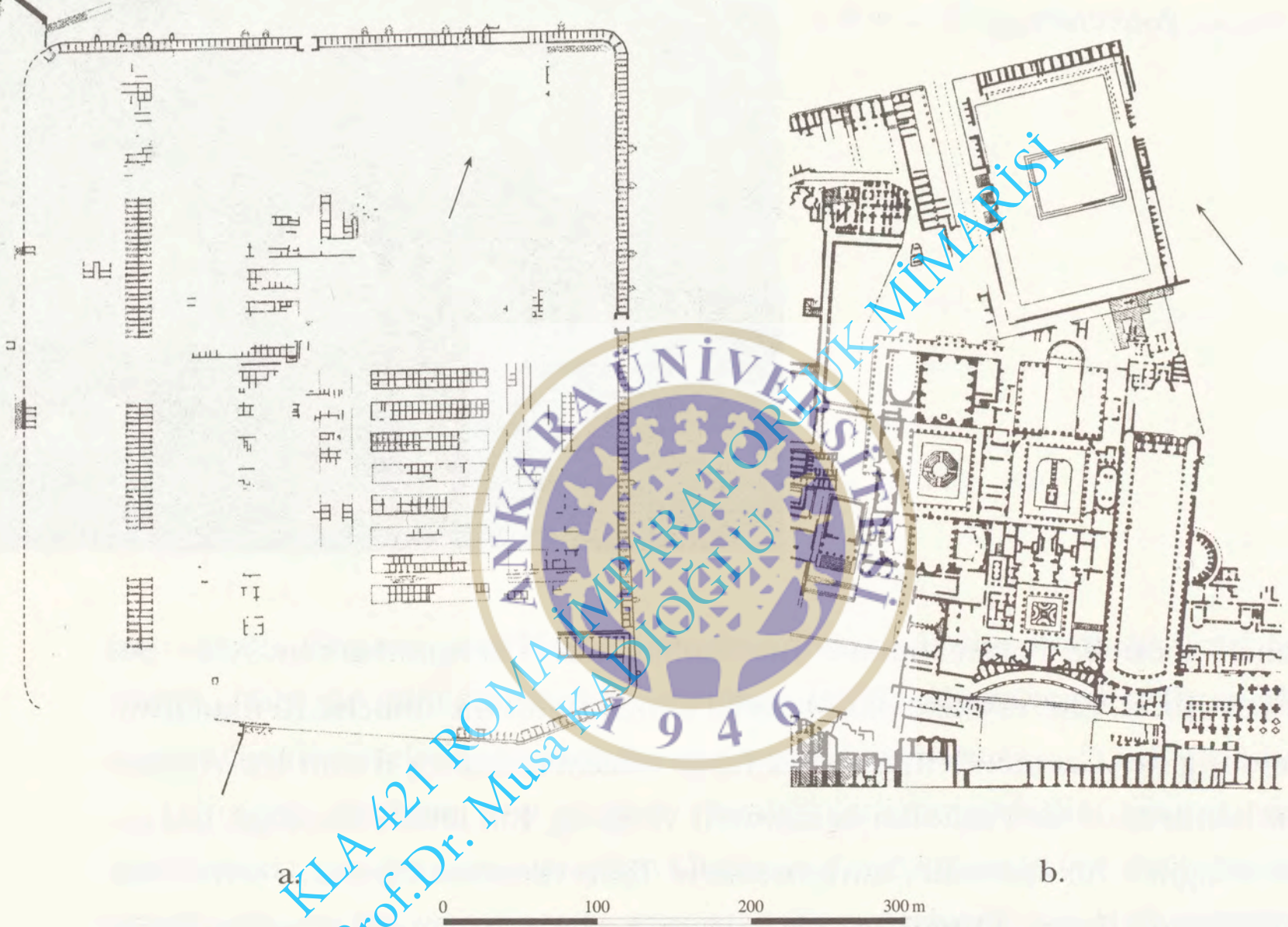
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Castra Praetoria





a.

b.

ABB. 6. Rom, ausgedehnte Ziegelbauten (maßstabgleich):
a. Praetorianerlager;
b. Palatin, Flavierpalast.

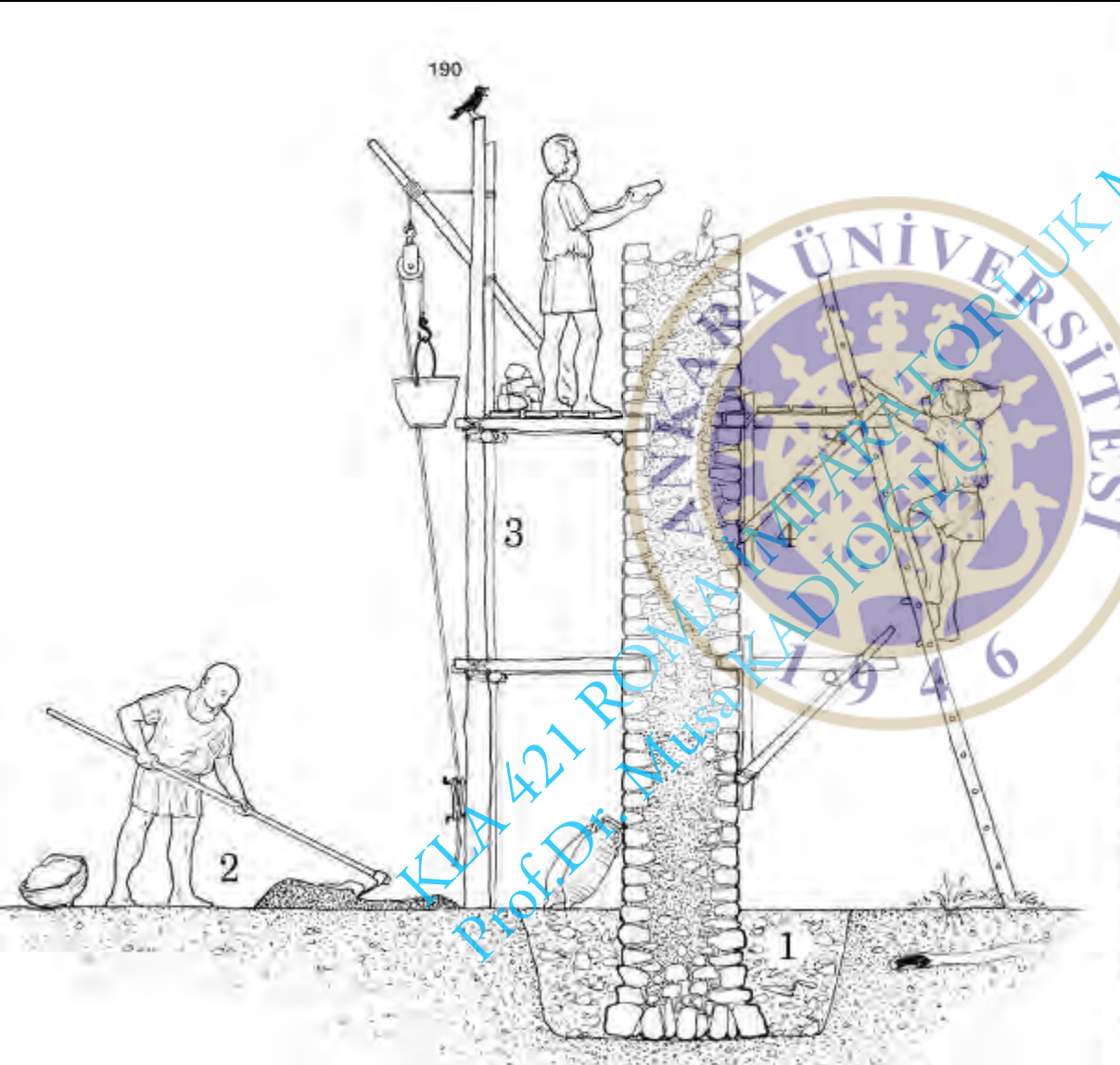


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Opus latericium'un örülmesi

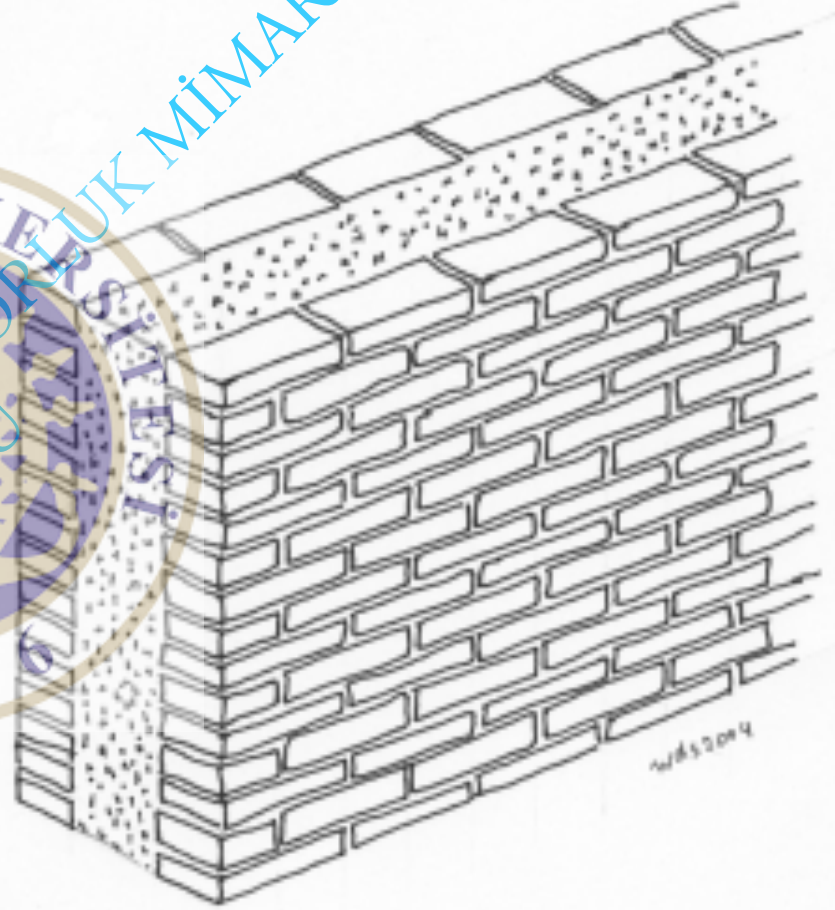
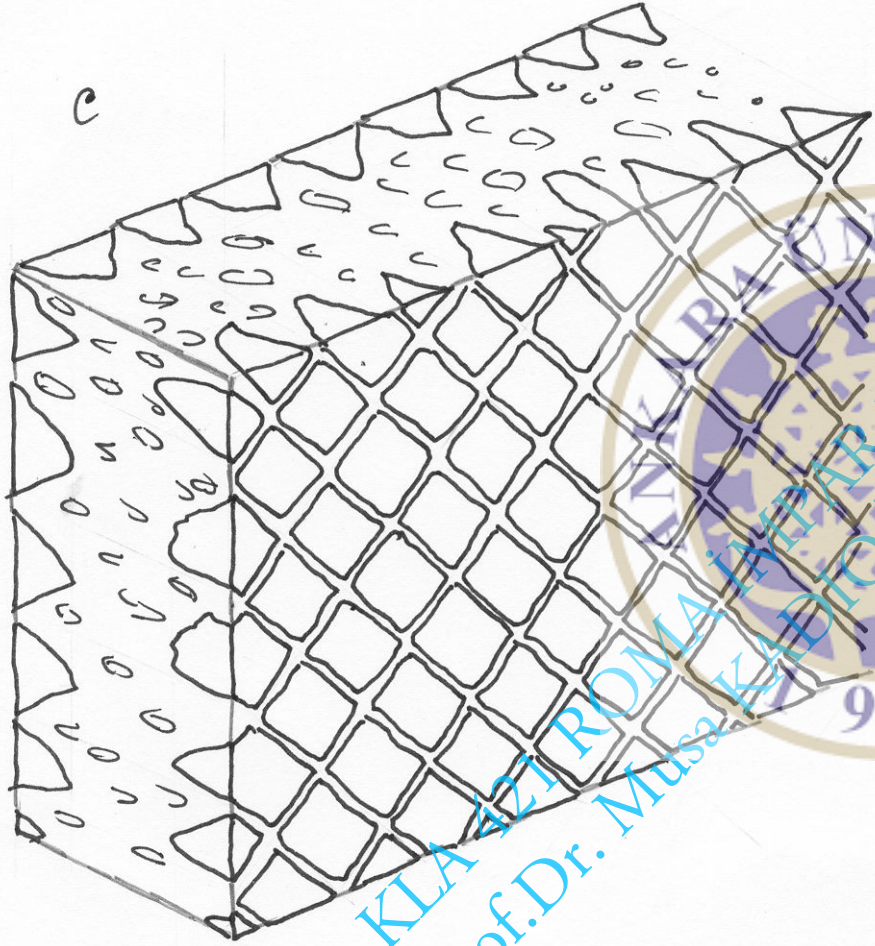


Opus reticulatum'un örülmesi



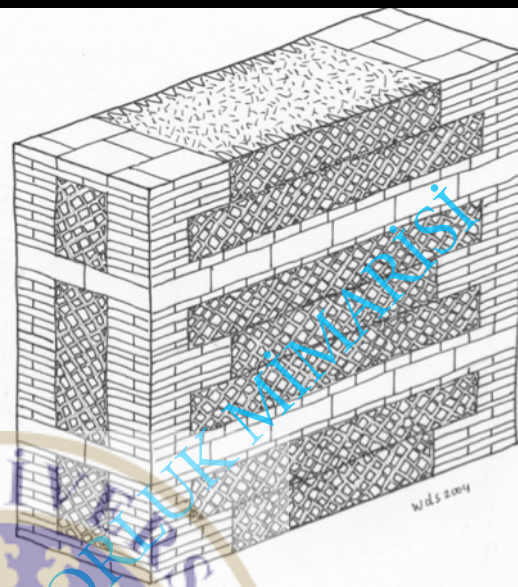
Opus incertum





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Opus (reticulatum) mixtum



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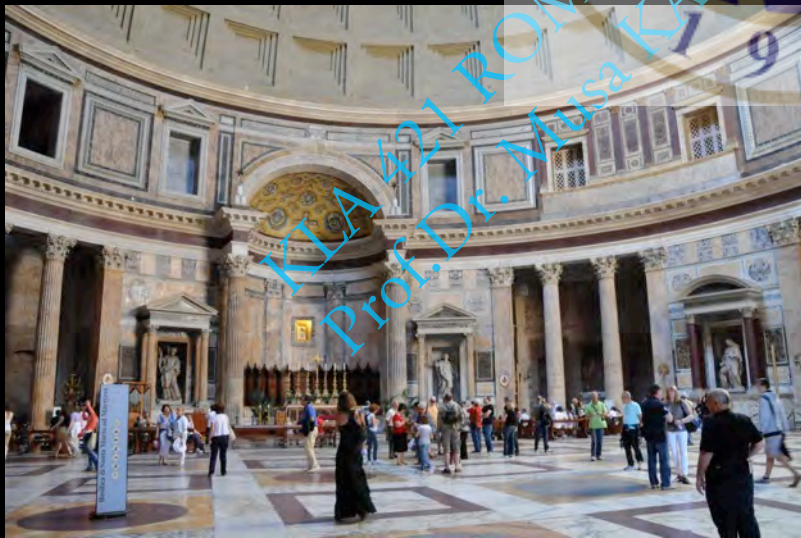
Opus mixtum

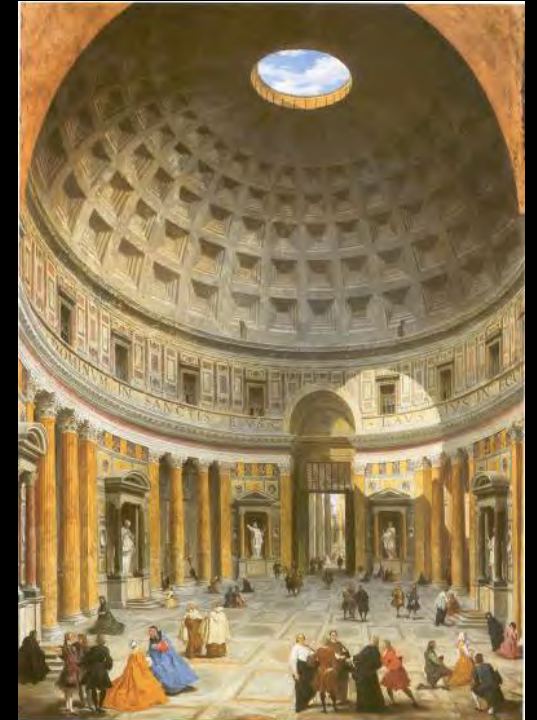
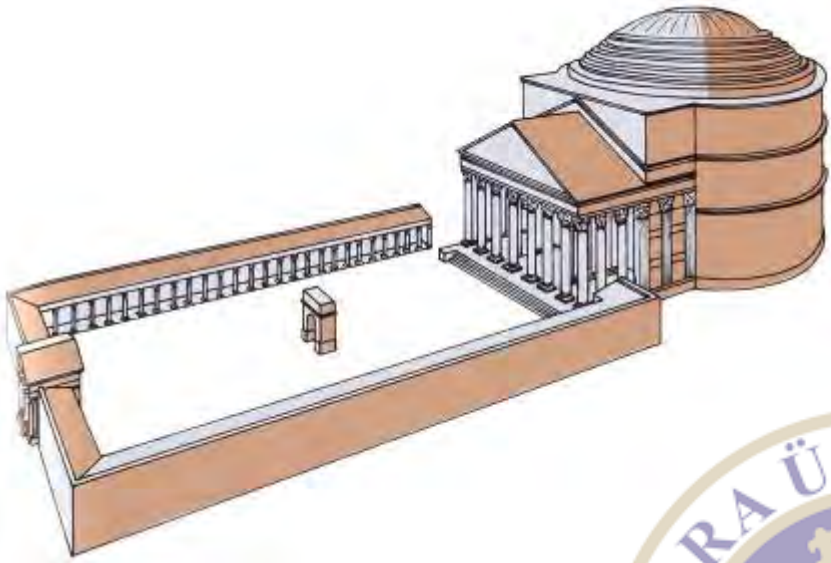


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Roma, Pantheon





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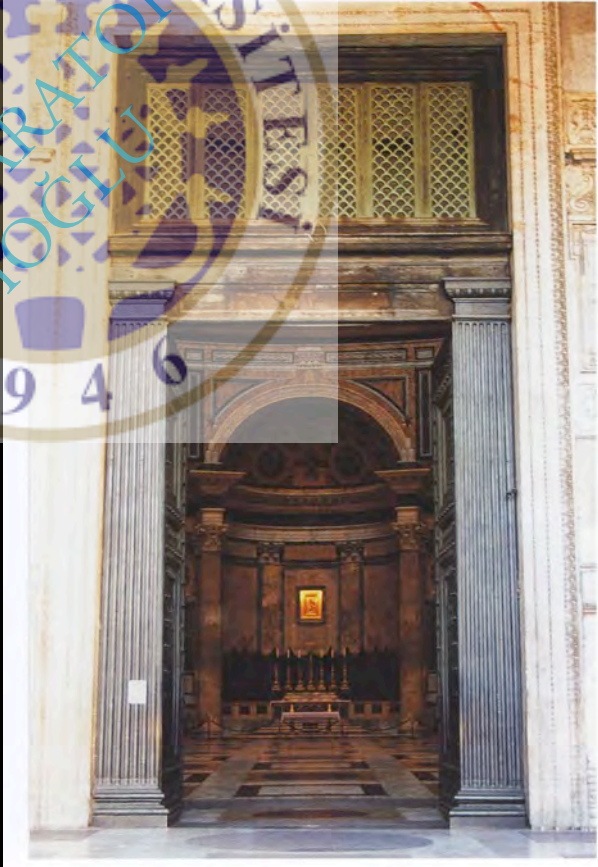
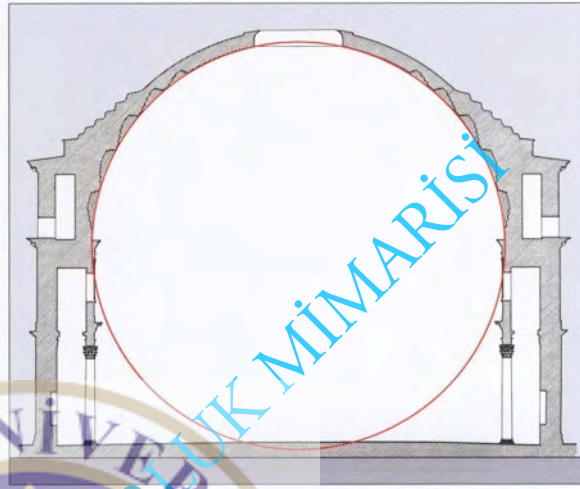
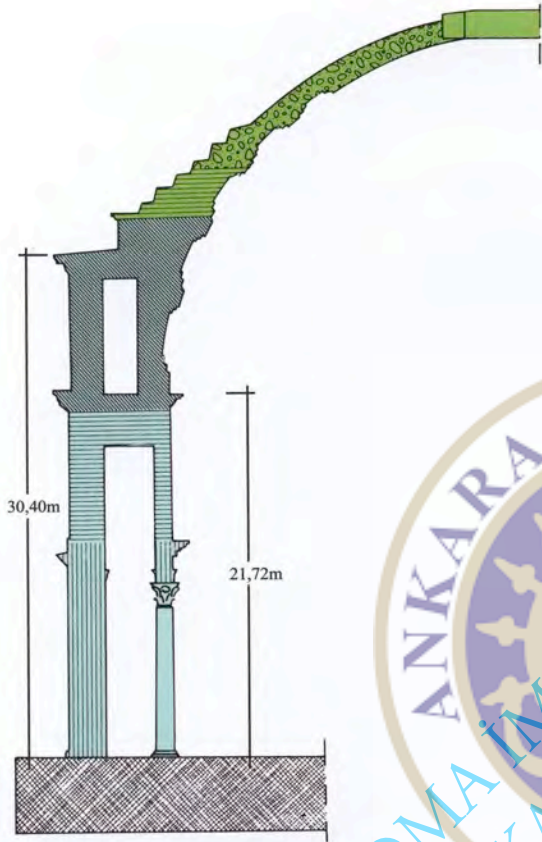


Legio XXII Primigenia Damgalı Tuğla örneği
Saalburg Müzesi



"CAPI", Damgalı Roma
Ocak Tuğlası, Trier, MS 4.
yüzyıl

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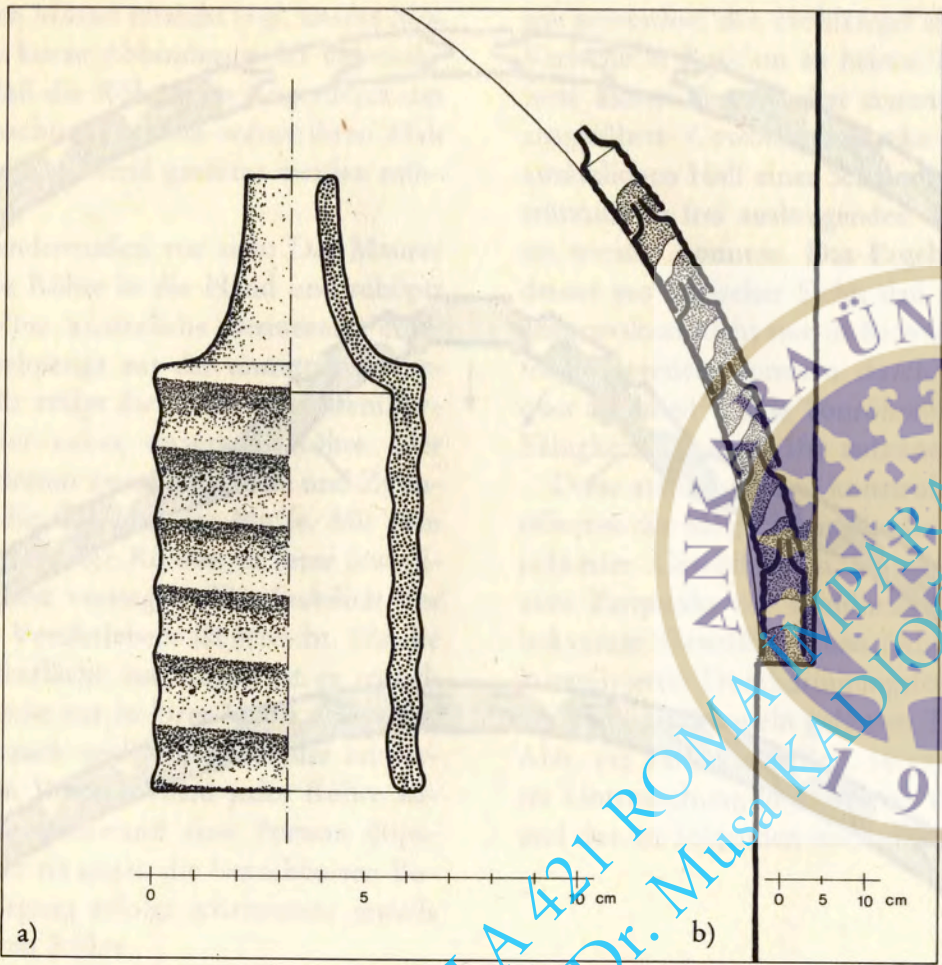


Abb. 1 Wölbröhre, Systembild
 a) Ansicht und Schnitt, M. 1:2; b) im Bogenverbund, M. 1:10

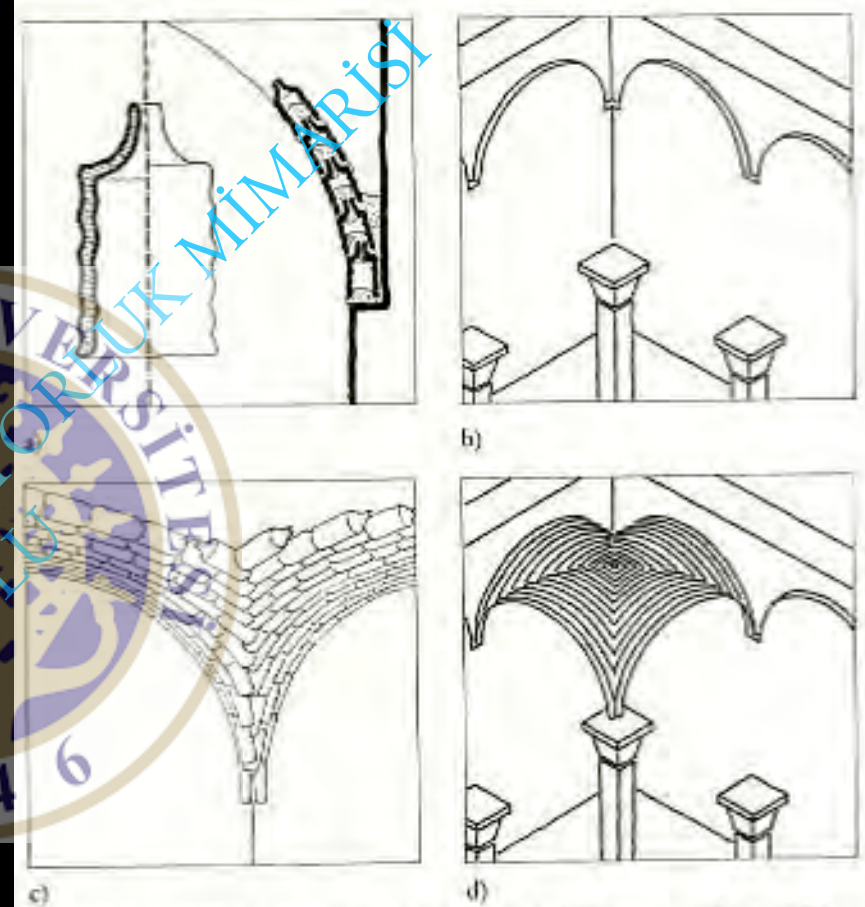
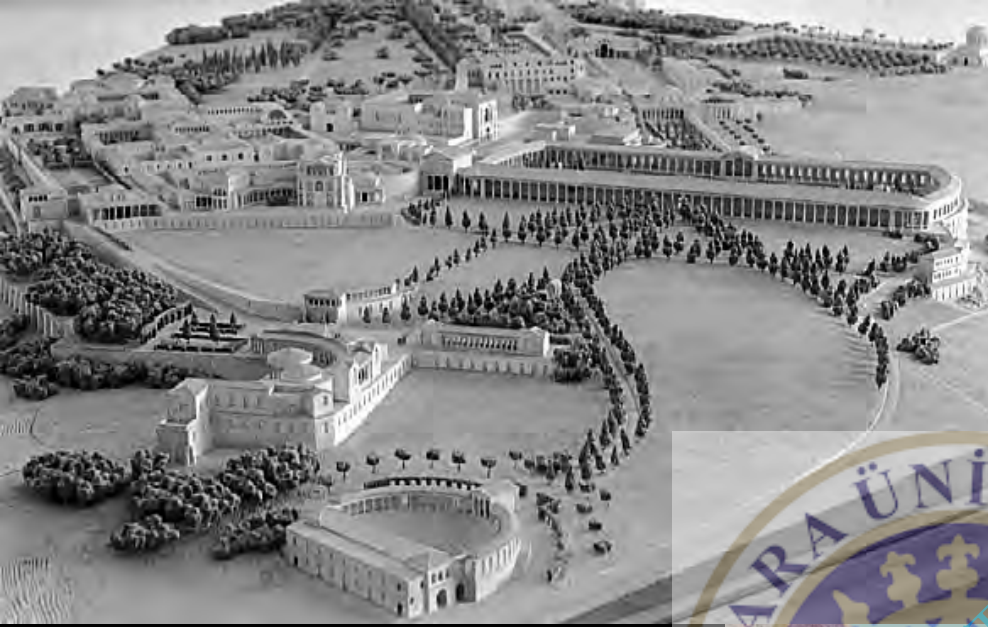


Abb. 3 Systembild zum Bauverfahren eines Schalungstragwerkes aus Tonröhren. Beispiel: Kreuzgratgewölbe über einer Porticus
 a) Wölbröhre. Schnitt, Ansicht und Bogenverbund
 b) Raumgefüge. Wände mit Schildbögen als Auflager
 c) Gefüge der Wölbröhren an den Graten; die Bogensegmente der benachbarten Gewölbekappen bilden in wechselseitigem Stützvorgang die Grate
 d) fertiges Tragwerk

Tivoli, Hadrian Villası
(Villa Hadriana)



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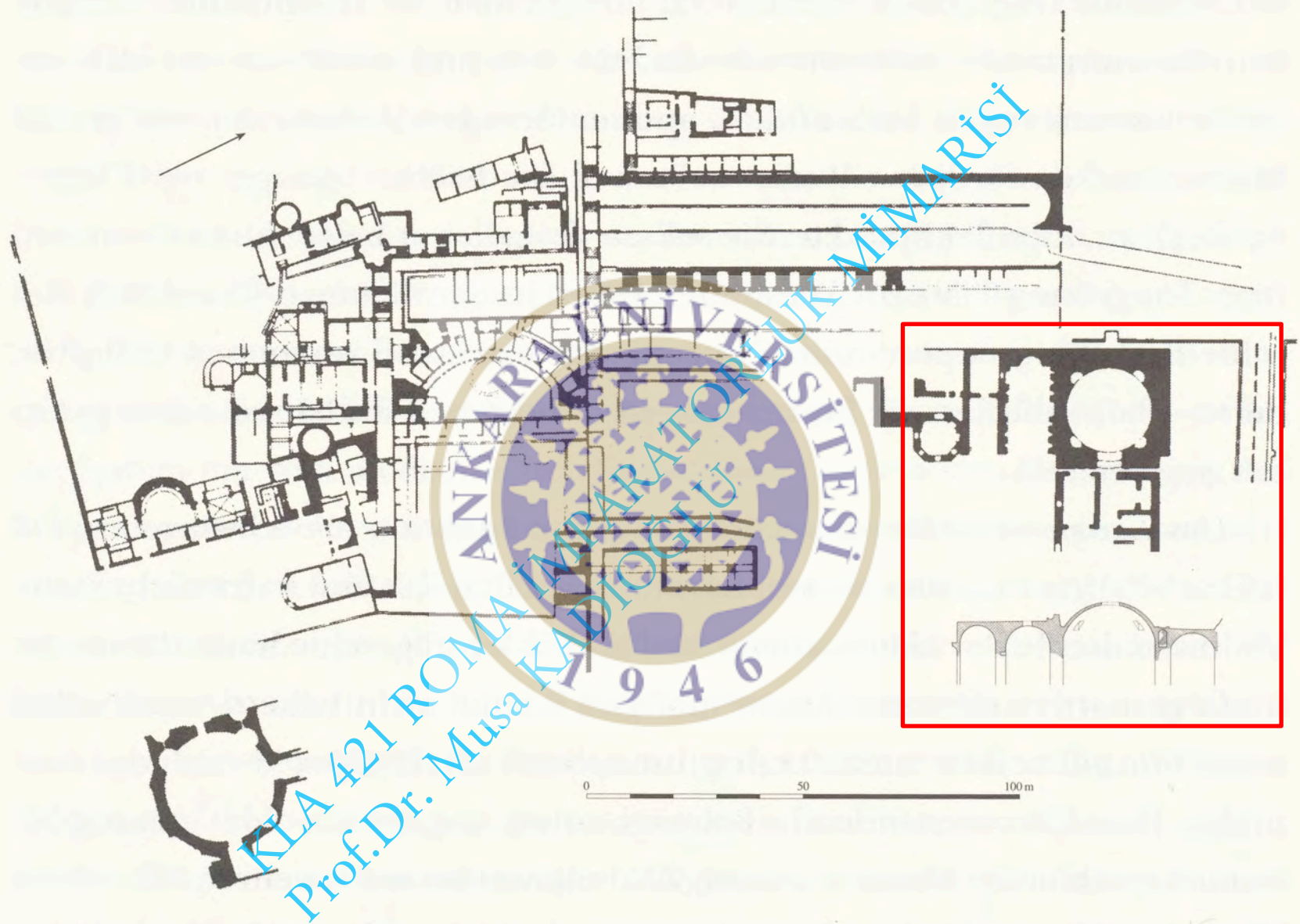


ABB. 47. Baiae, Thermen mit dem sogenannten Tempio di Mercurio (mit Schnitt durch den Kuppelbau).

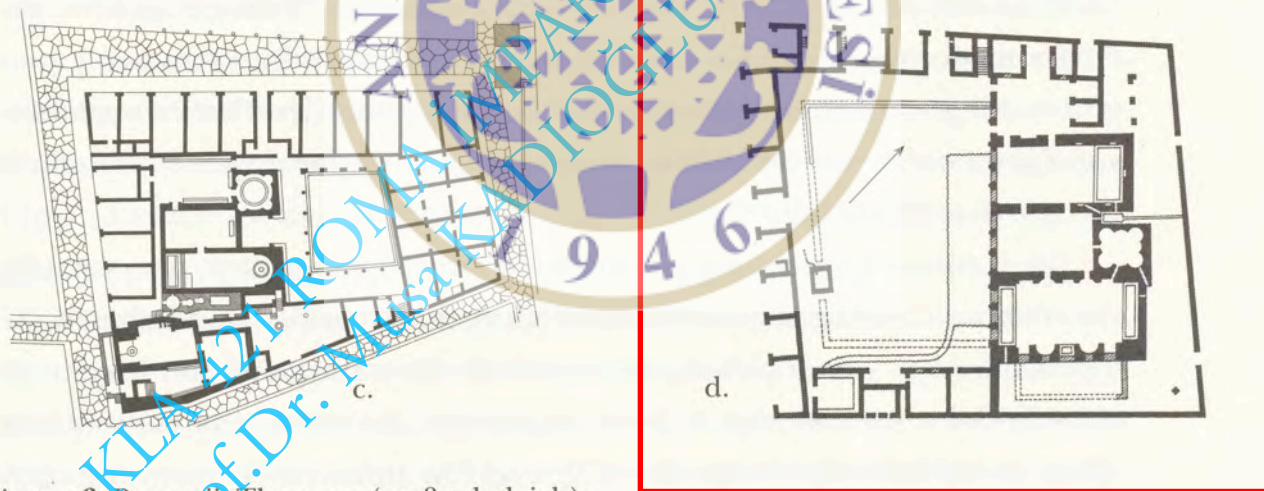
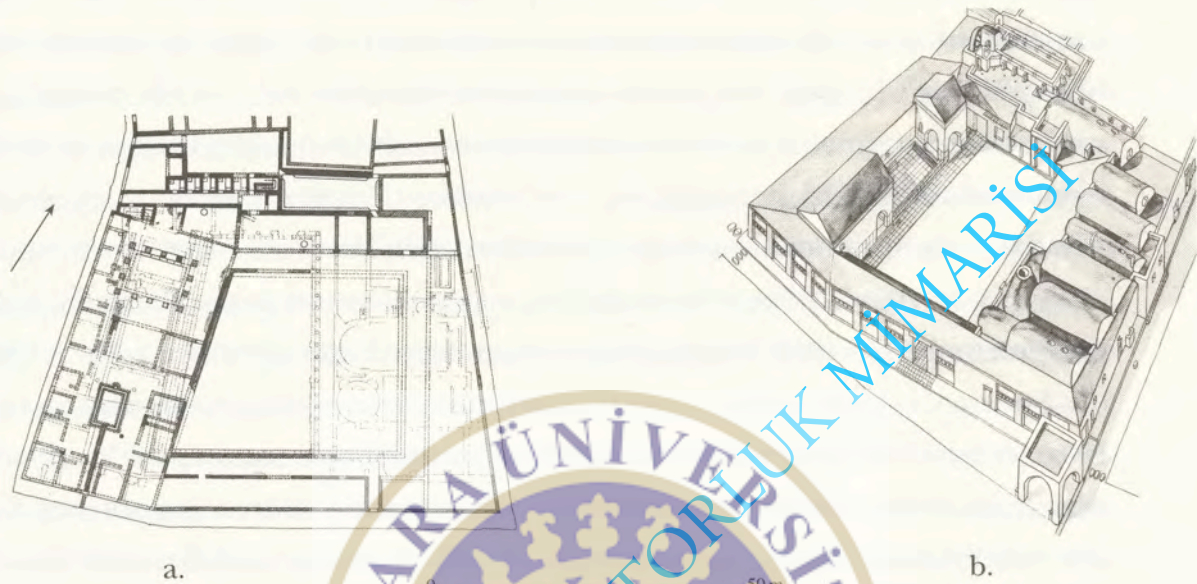
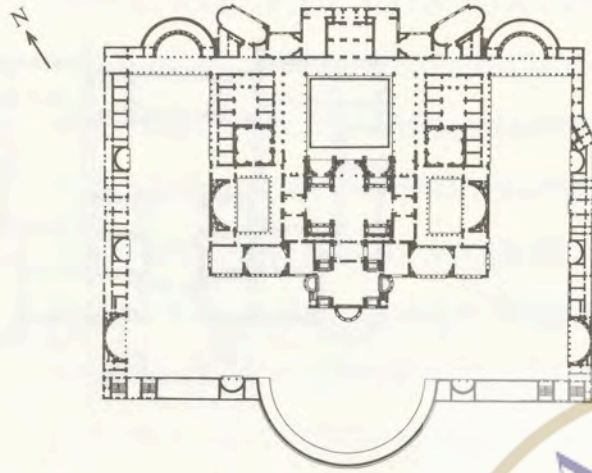
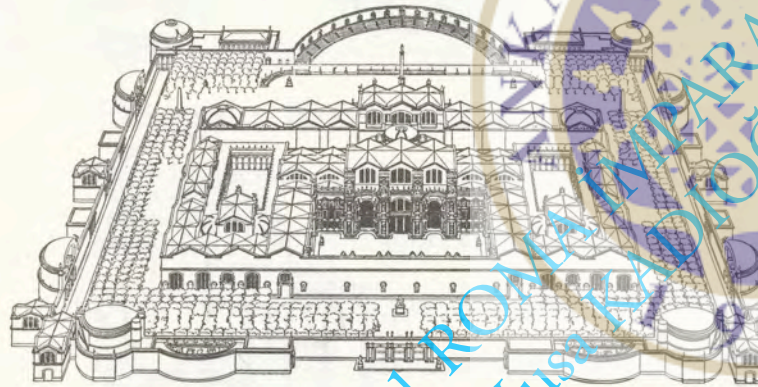


ABB. 46. Pompeii Thermen (maßstabgleich):

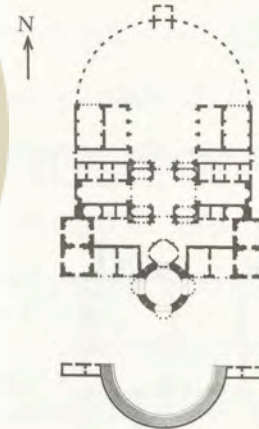
- a. Stabianer Thermen, frühe Phase mit dem Peristylhaus, letzte Phase gestrichelt (Plan);
- b. letzte Phase (Rekonstruktion);
- c. Forumsthermen;
- d. Zentralthermen.



a.



c.



d.

0 100 m

ABB. 49. Rom, Kaiserthermen (maßstabähnlich):

- a. Trajan;
- b. Caracalla;
- c. Diokletian;
- d. Konstantin.



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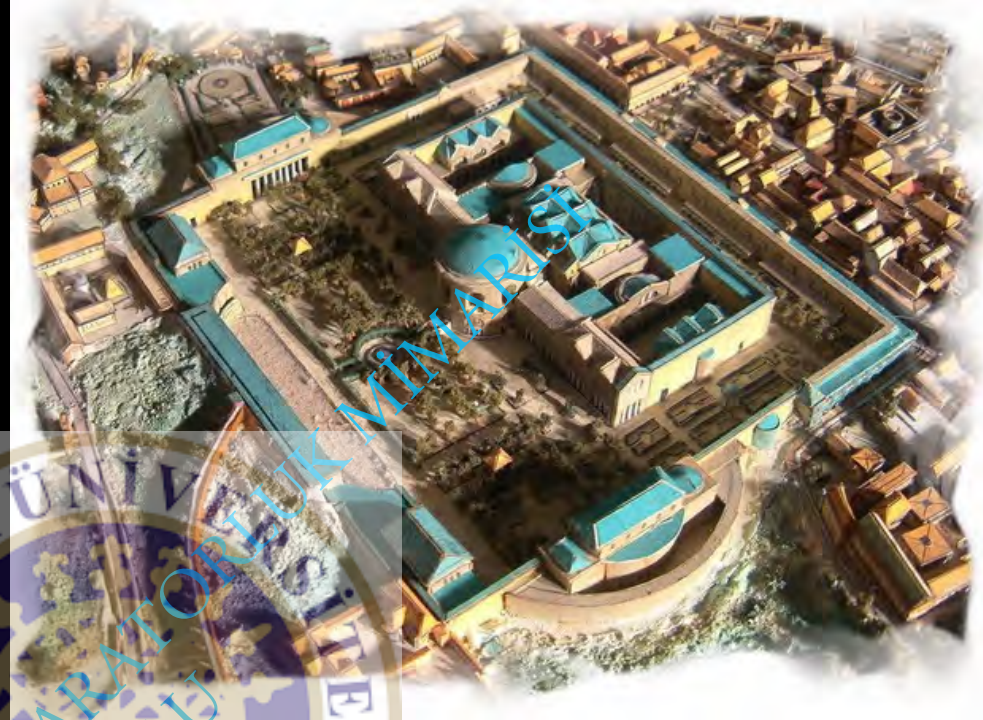
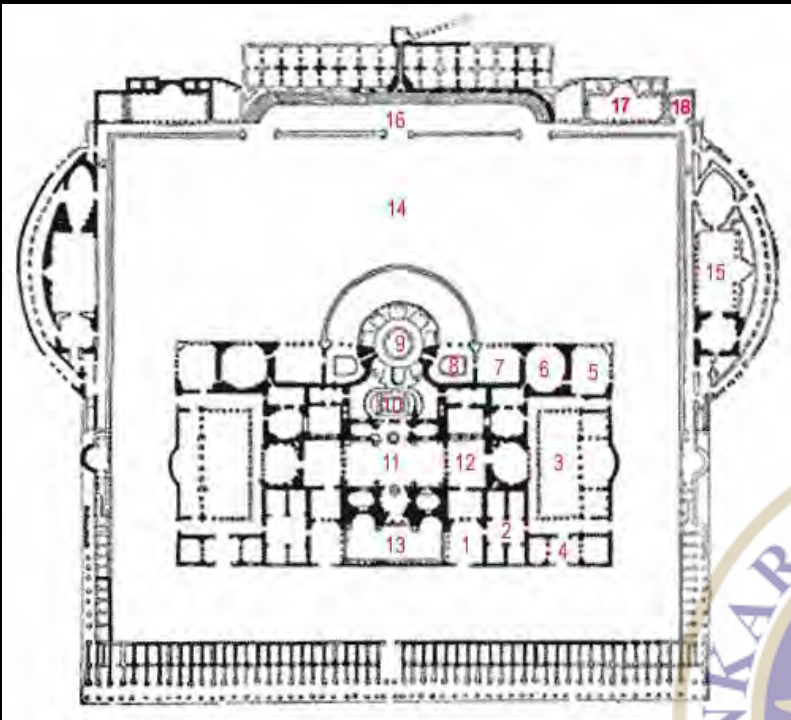
IL MAUSOLEO DI AUGUSTO
NEL FORO DI AURELIA
NELLA CITTÀ DI ROMA
È STATO COSTRUITO
NEL 28 A.C.
DAUGUSTO
PER SEPPELLIRSI
E PER LA SCELTA
DEI SUOI SUCCESSORI
NEL 28 A.C.

EPHESOS, Ti. Iulius CELSUS KÜTÜPHANESİ



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Roma Caracalla Hamamı



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Prof. Dr. Musa KADIOĞLU



Legio XXII Primigenia Damgalı Tuğla örneği
Saalburg Müzesi



"CAPI", Damgalı Roma
Ocak Tuğlası, Trier, MS 4.
yüzyıl

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ROMA, AURELIANUS SURU



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K MIMARISI



*opus vittatum
mixtum*



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a.



ABB. 40. Rom, christliche Basiliken, C
a. Lateransbasilika;

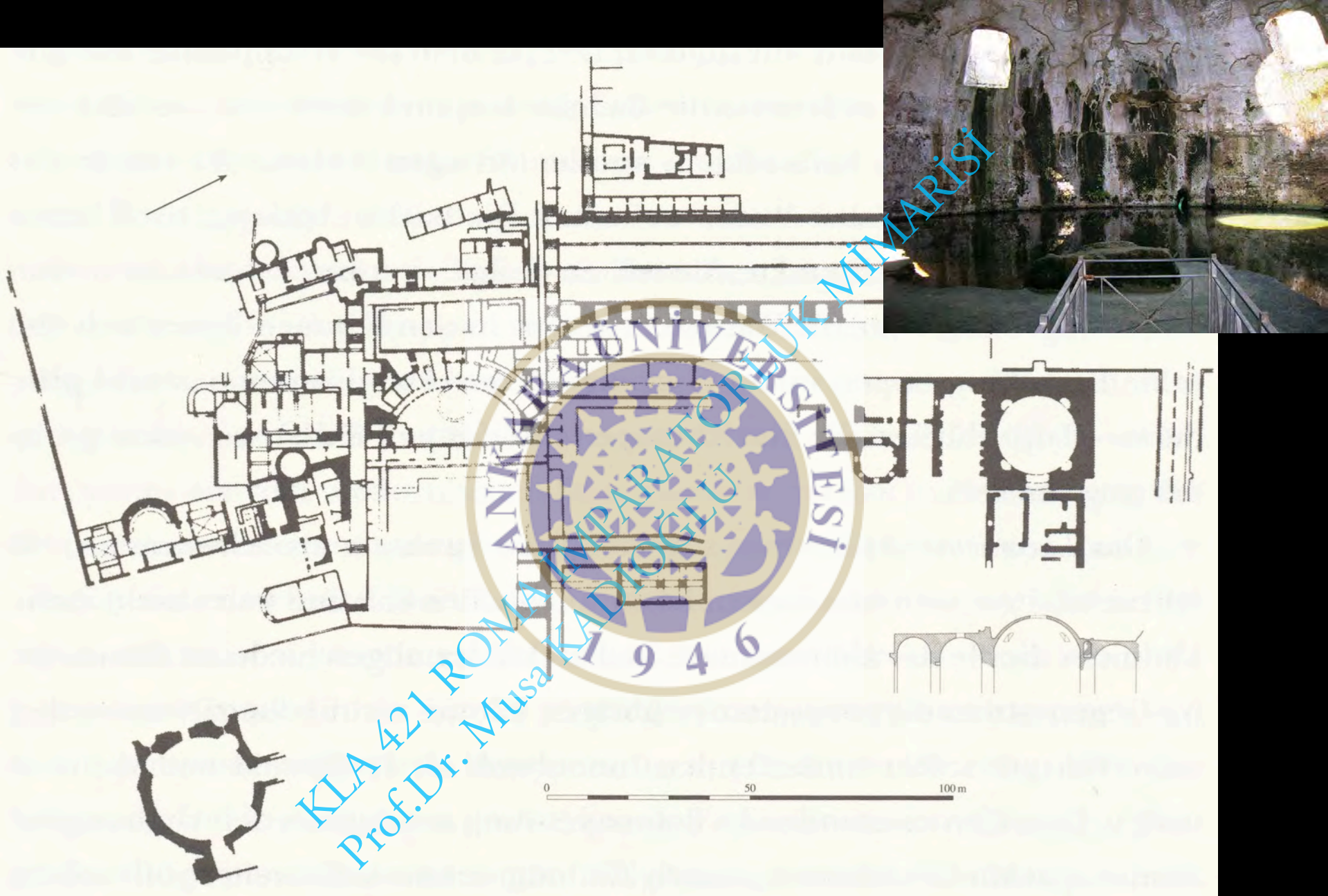
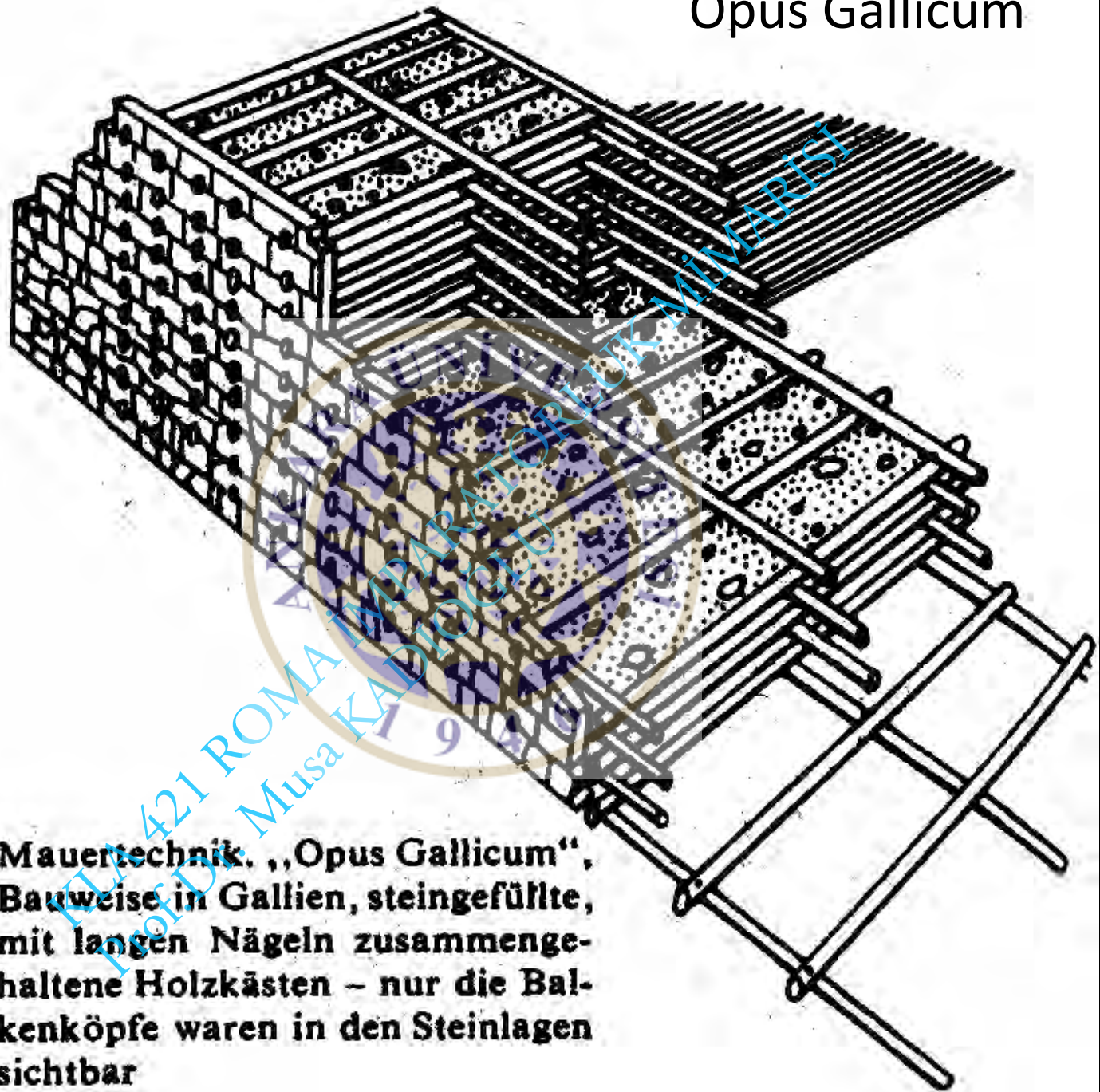


ABB. 47. Baiae, Thermen mit dem sogenannten Tempio di Mercurio (mit Schnitt durch den Kuppelbau)

Yaşamının sonuna doğru Augustus kendi ağzından **tuğladan bir şehir devraldığını ve geriye mermerden bir şehir bıraktığını** söylemiştir (Suetonius, Augustus 28). İtalya'da Carrara'da çıkarılan çok kaliteli Luni (ital. Carrara) mermerinin işlenecek hale getirilmesiyle bu mümkün olabilmiştir.

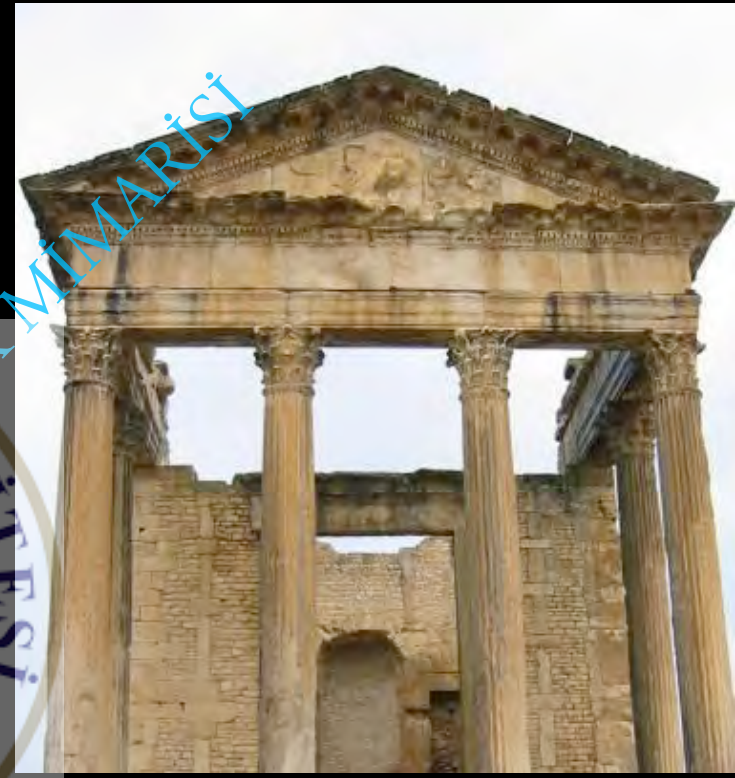


Opus Gallicum



**Mauertechnik. „Opus Gallicum“,
Bauweise in Gallien, steingefüllte,
mit langen Nägeln zusammenge-
haltene Holzkästen – nur die Bal-
kenköpfe waren in den Steinlagen
sichtbar**

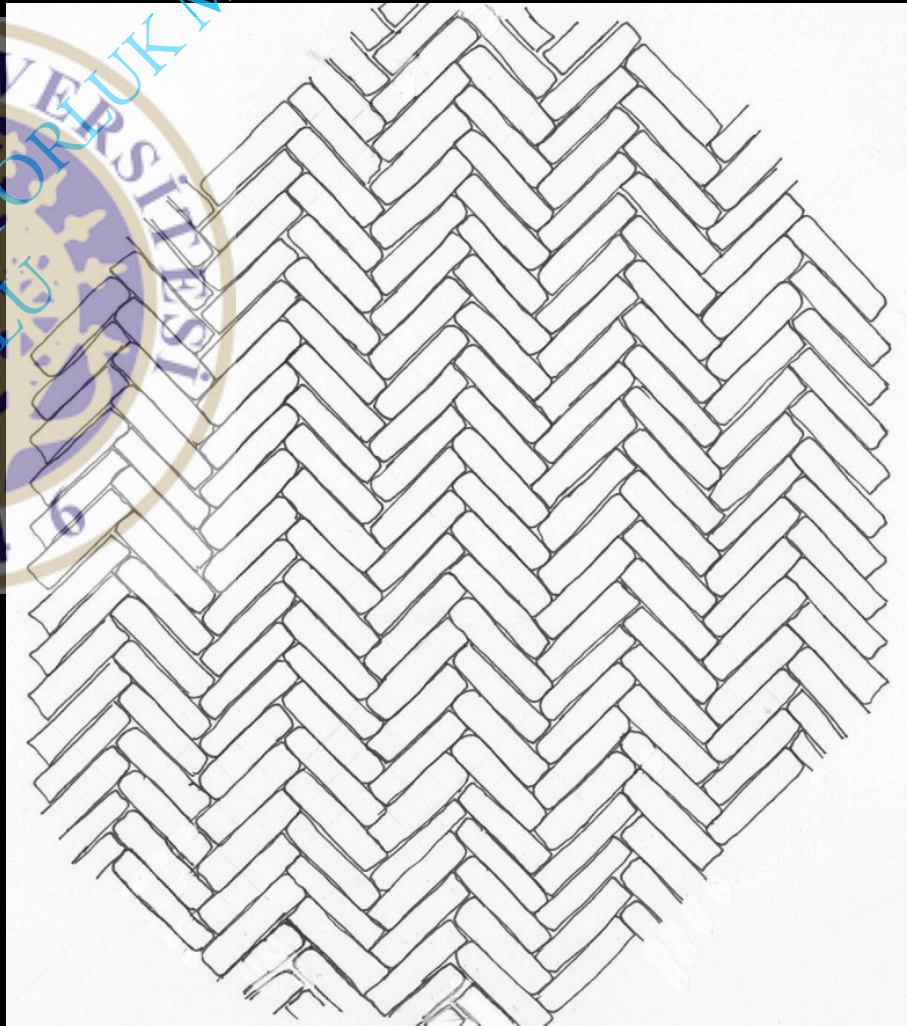
Opus Africanum



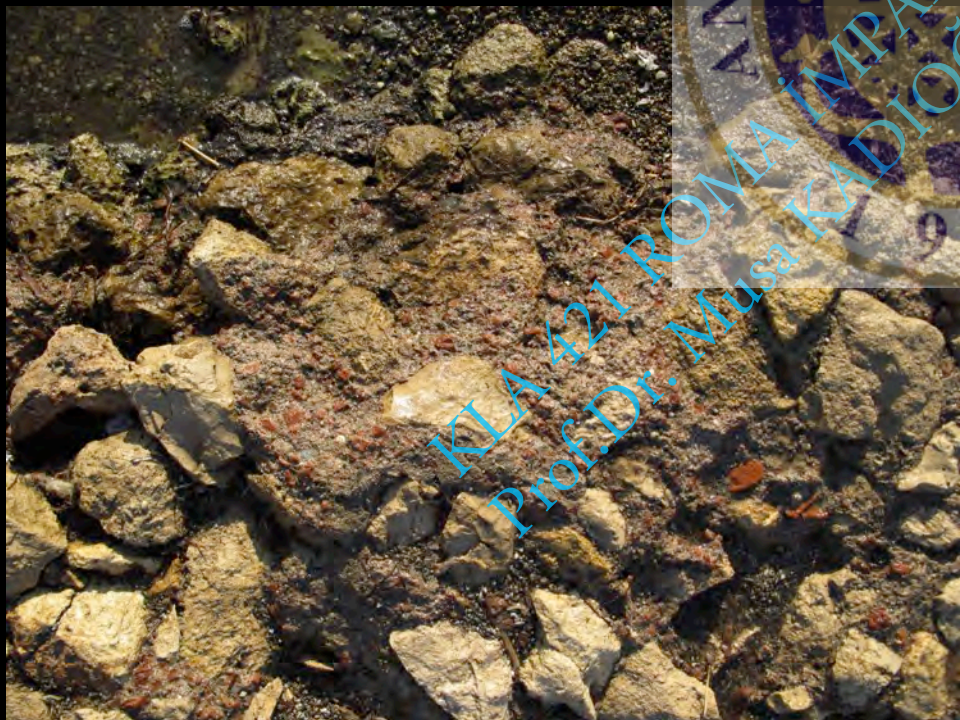
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OPUS SPICATUM

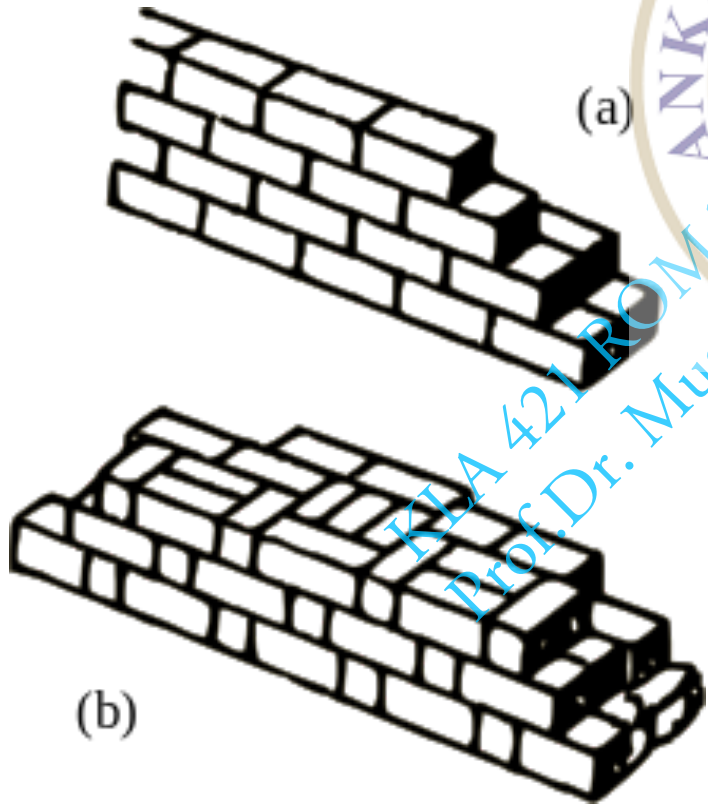


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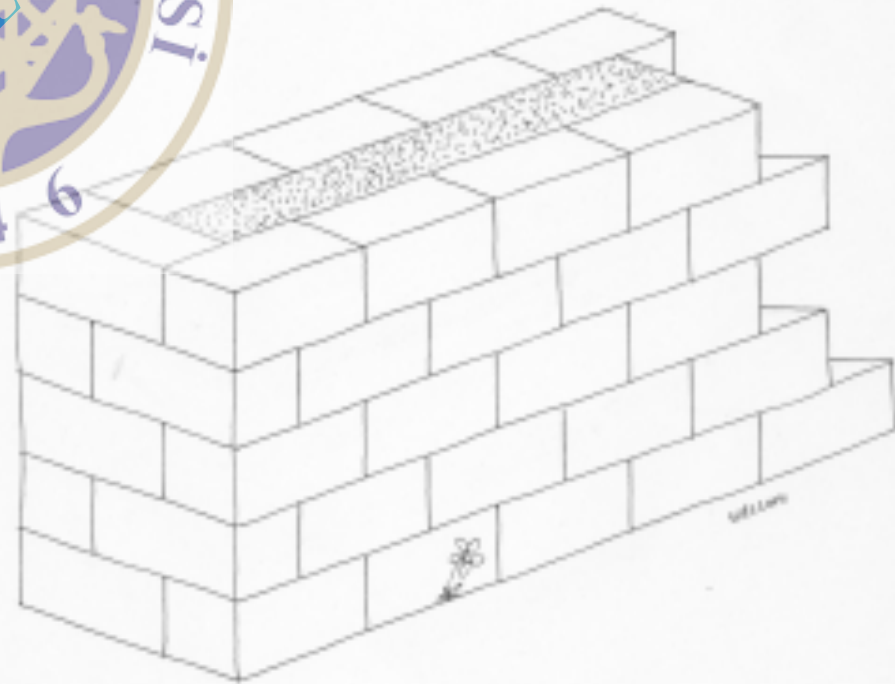
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Opus quadratum



(a)

(b)



Opus tessellatum



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GEOMETRİK
ÇAKILTAŞI
MOZAİK (MÖ 8.
yy. ORTASI)

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Prof. Dr. Muhsin KADIOĞLU
KADIKÖY KÜLTÜR MERKEZİ

Pergamon, Saray V, Hephæstion'un imzalađığı mozaik
(MÖ 2. yy.)



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Opus vermiculatum



Mozaik döşemenin merkezi paneli (emblemata), üstte bir kedi ve altta iki ördek (MÖ 1. yüzyılın ilk yarısı), Palazzo Massimo alle Terme Müzesi



Pompeii'den mozaik bir döşemenin Opus vermiculatum tekniğindeki emblemata, Napoli Müzesi



Alexander Mosaik,
Pompeii, Casa del
Fauno (MÖ 2. yy
ortası ya da sonu,
mozaik tanecikleri
2x2 mm
büyüklüğünde)



Büyük İskender ile
Pers Kralı III.
Darius arasındaki
Issos'daki savaş
sahnesi)

Die am meisten verwendeten Marmor- und Steinsorten (von links nach rechts und von oben nach unten; die in Klammern gesetzten Zahlen beziehen sich auf die Erläuterungen im Anhang): Pavonazzetto (4); Cipollina (5); Rosso Antico (6); Gialla An-

tico (7); Portosanta (8); Africano (9); rötlicher ägyptischer Granit (10); Porphyr (12); grüner Porphyr oder Serpentin (13)

Renkli Mermer Türleri



OPUS SECTİLE ve INKRUSTASYON



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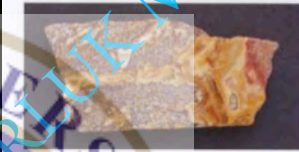
2. Pompei. Casa dell'Efebo, I, VII, 11, triclinio 17, emblema.



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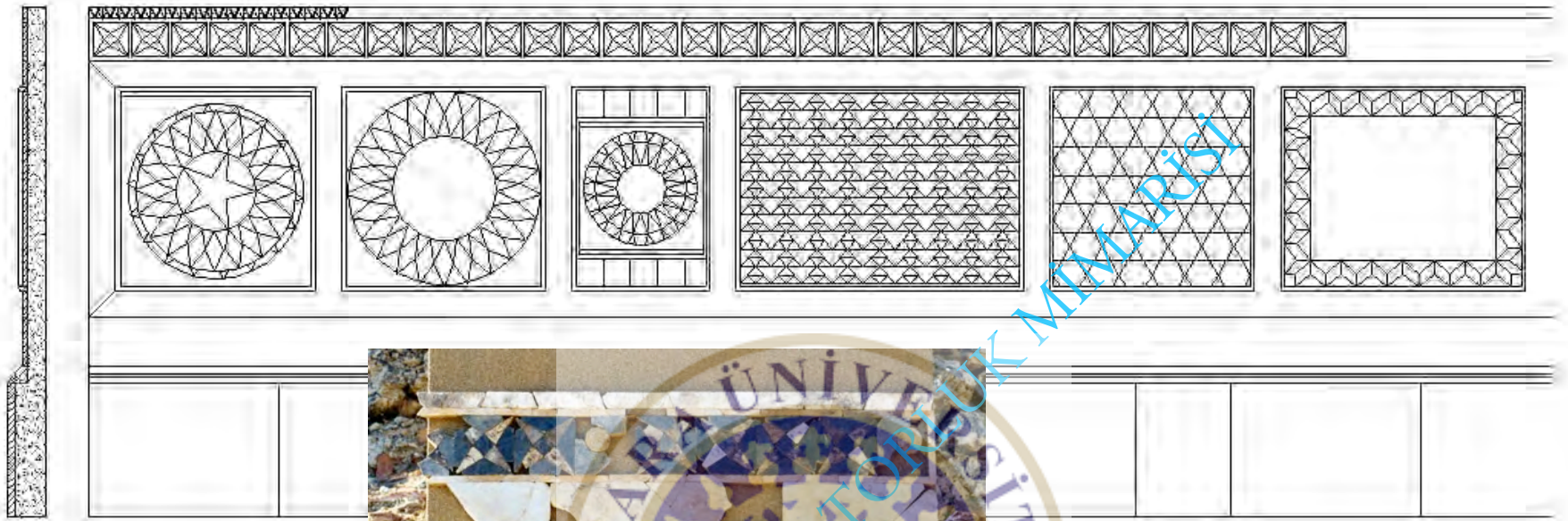
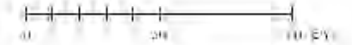


Abb. 8 Rekonst

in Maßstab



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ANKYRA, ULUS



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Roman Paint Styles

- 1. Incrustation: Rectangular slabs of Color.
1. Inkrustasyon Stili: Mermer taklidi renkli dikdörtgen paneller (1. Pompeii Stili ya da Hellenistik Mimari Stil)
- 2. Architectural Style: Paint architecture. Illusion of space. Perspective.
2. Mimari Stil: Mimarinin boya ile yapılması. Alan yanılsaması. Perspektif
- 3. Ornate style- white walls with framed smaller frescoes.
3. Süslü Stil: Çerçevesiz küçük fresklerle beyaz duvarlar.
- 4. Intricate style: All Styles together.
4. Karışık Stil: Tüm stillerin bir arada görüldüğü duvarlar.

- 1- A. Mau, *Geschichte der decorativen Wandmalerei in Pompei* (1882).
- 2- W. Ehrhardt, *Stilgeschichtliche Untersuchungen an römischen Wandmalerei* (Mainz am Rhein 1987).
- 3- H. Mielsch, *Römische Wandmalerei* (Darmstadt 2001)
- 4- T. Hölscher, *Klassische Archäologie. Grundwissen* (Darmstadt 2002) 284-292.
- 5- O. Bingöl, *Malerei und Mosaik der Antike in der Türkei* (Mainz am Rhein 1997)
- 6- J. R. Clarke, *The Houses of Roman Italy, 100 B.C.-A.D. 250: Ritual, Space, and Decoration* (Los Angeles 1991).
- 7- R. Ling, *Roman Painting* (New York 1991).
- 8- A. Mau, *Pompeii: Its Life and Art. Translated by Francis W. Kelsey.* New York: The MacMillan Company, 1902.
- 9- https://en.wikipedia.org/wiki/Pompeian_Styles

1. Inkrustasyon Stili: Mermer taklidi renkli dikdörtgen paneller



Kranzgesims mit Zahnschnitt

Fries

Epistyl

Isodome Quader
(Oberzone)

Deckschicht/Fries

Orthostaten
(Hauptzone)

Deckschicht

Sockel

0

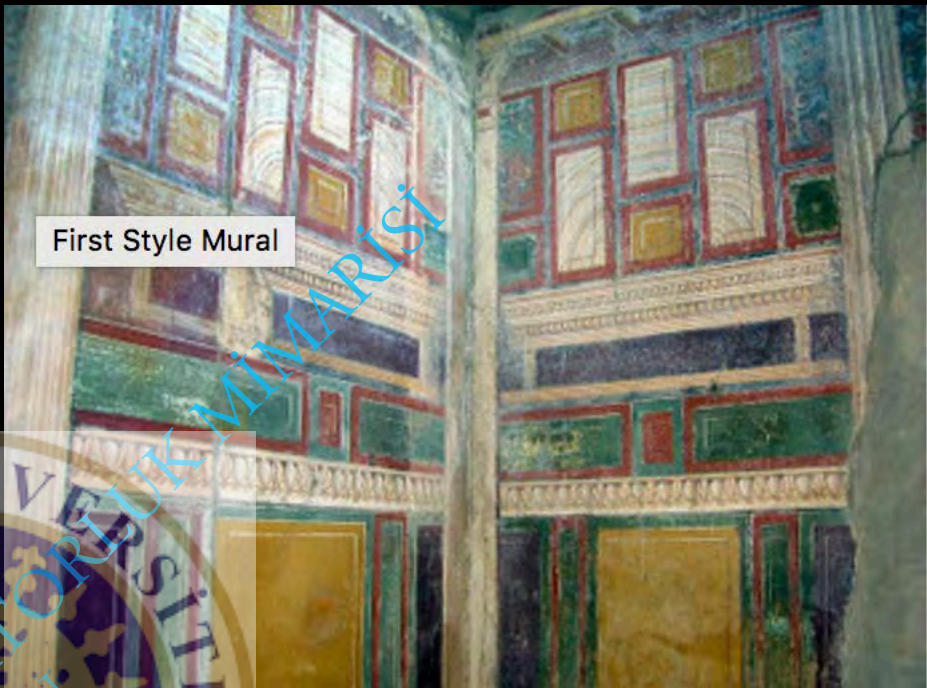
1 m

Schematische Darstellung einer Wand des 1. Stils

1. Pompeii Stil/Hellenistik Mimari Stil: DUVAR TAKLİDİ ya da INKRUSTASYON Stili (MÖ ~ 200 – 80)



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First Style Mural



First Style Mural

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Pergamon Bau Z (MÖ 1. yy)



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T17 DTGS1 003

DIONYSOS
TAPINAGI
21 09 2017



30 cm



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ANTİK MİMARİSİ



2. Stil: MİMARİ STİL ya da İllüzyon Stili (MÖ ~100 – 15)



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Roma, Palatin tepesindeki Casa dei Grifi, Pompeii 2. Stilin Erken
Örneđi (MÖ 1. yy başı)

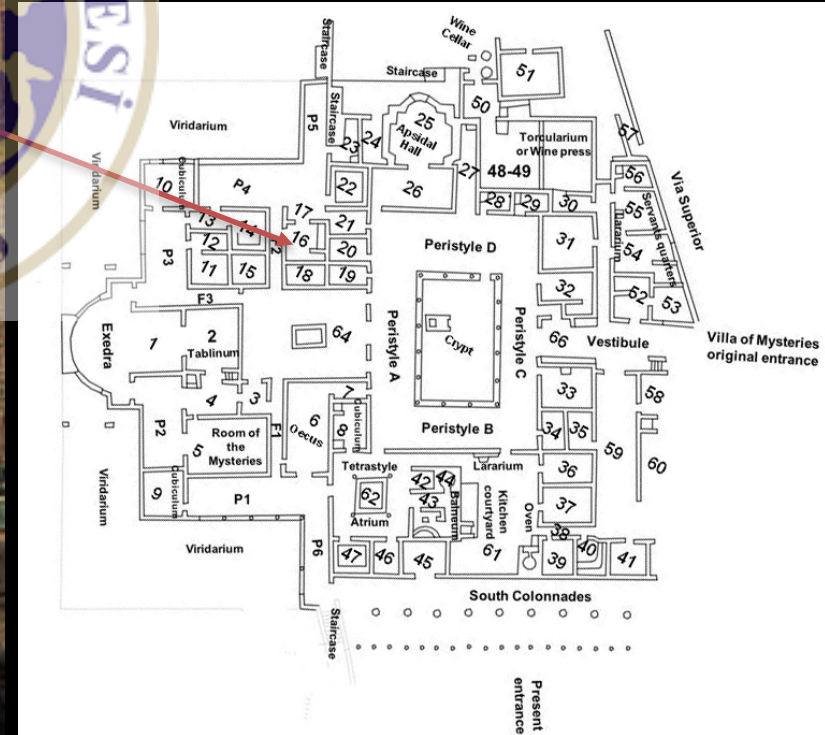


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Villa dei Misteri Perystil



Pompeii, Misteri (Gizemler Villası, Cubiculum 16 Duvar Resmi



Dionysos Ritüeli: Pompeii'deki Misteri Villası'ndaki Oecus'un (ziyaretçilerin karşılandığı salon) duvarından bir ayrıntı (MÖ 80-50).



Dionysos Ritüeli: Pompeii'deki Misteri Villası'ndaki Oecus'un (ziyaretçilerin karşılandığı salon) duvarından bir ayrıntı (MÖ 80-50).



Boscoreale'de P. Fannius Synistor Villası, cubiculum M (yatak odası),
(MÖ 50–40).



Boscovale'de P. Fannius Synistor Villası, cubiculum (yatak odası),
(MÖ 50–40)



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2. Stil'in Ge Evresi, Augustus'un Palatin'deki evinin maskeli odası (MÖ 36-28)



3. Stil: BEZEME STİLİ (MÖ ~15 – MS 50)



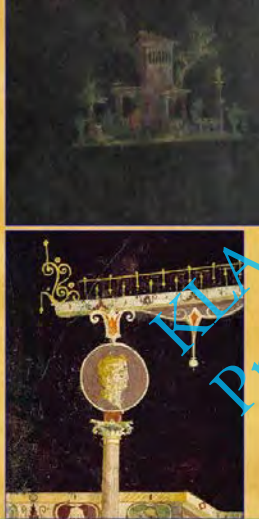


Roma'daki Gaius Cestius'un Piramit Mezarı Duvar Resimleri

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Boscotrecase'deki Agrippa Postumus'un Villası





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Pompeii, Marcus Lucretius Fronto'nun Evi (V, 4,11), tablinum'un sađ duvarındaki fresko, freskonun ortasında Emblema ierisinde Dionysos ile Ariadne tasvir edilmiř

3. Stil (MS 35–45).



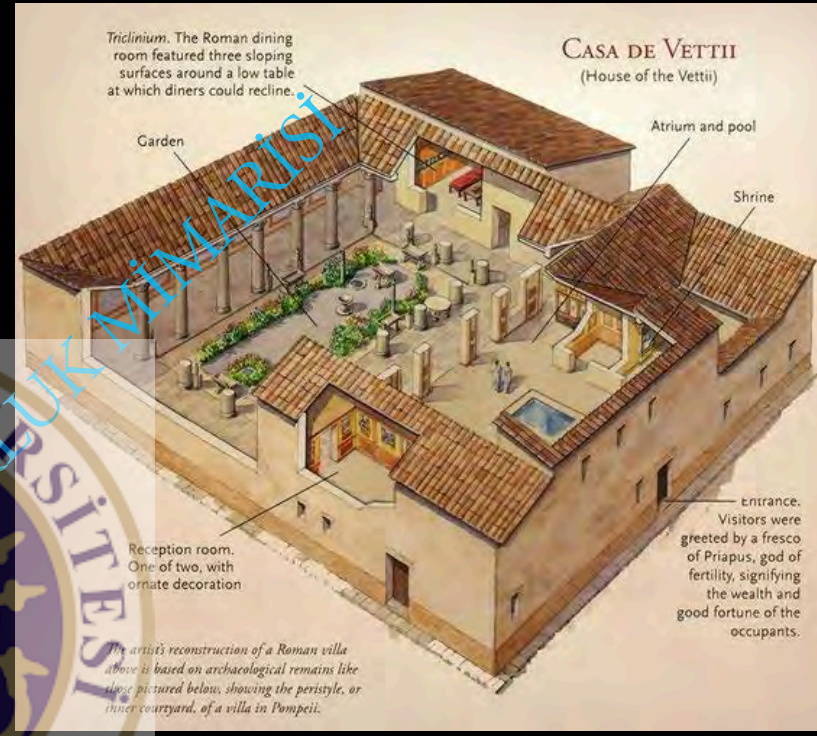
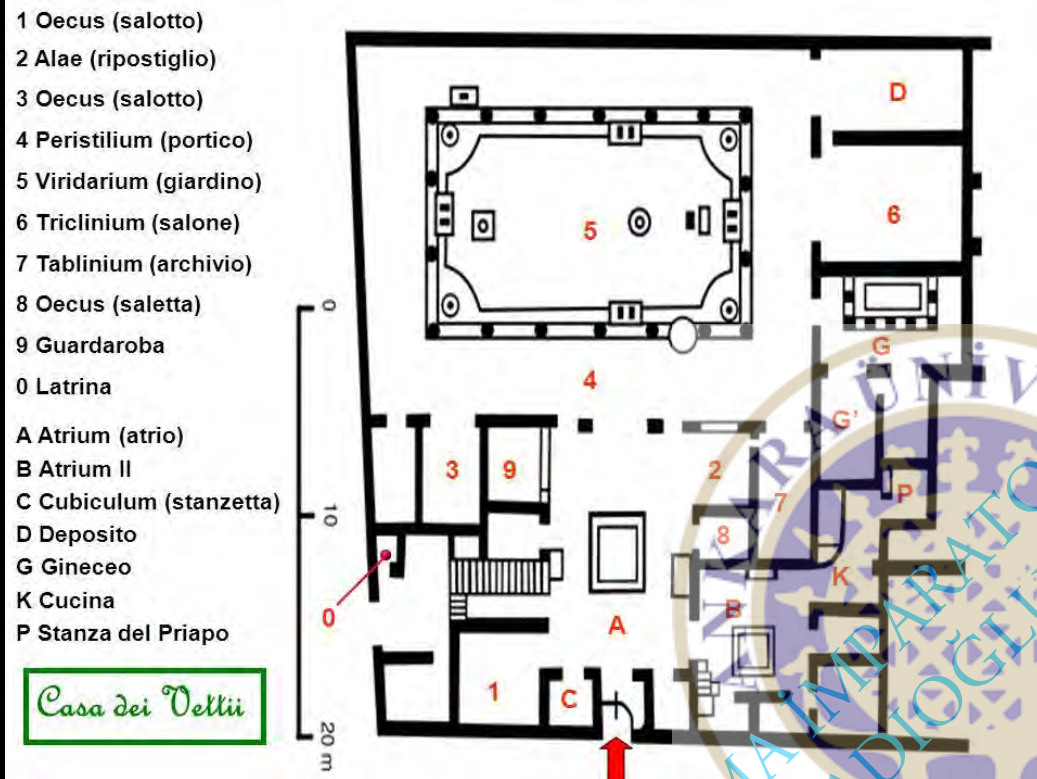


Pompeii, Marcus Lucretius Fronto'nun Evi, tablinum'un sađ duvarındaki fresko. Freskonun ortasında Emblema içerisinde Dionysos ile Ariadne tasvir edilmiş 3. Stil (MS 35–45).

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4. Stil: FANTASTİK STİL (MS 50 – 79)

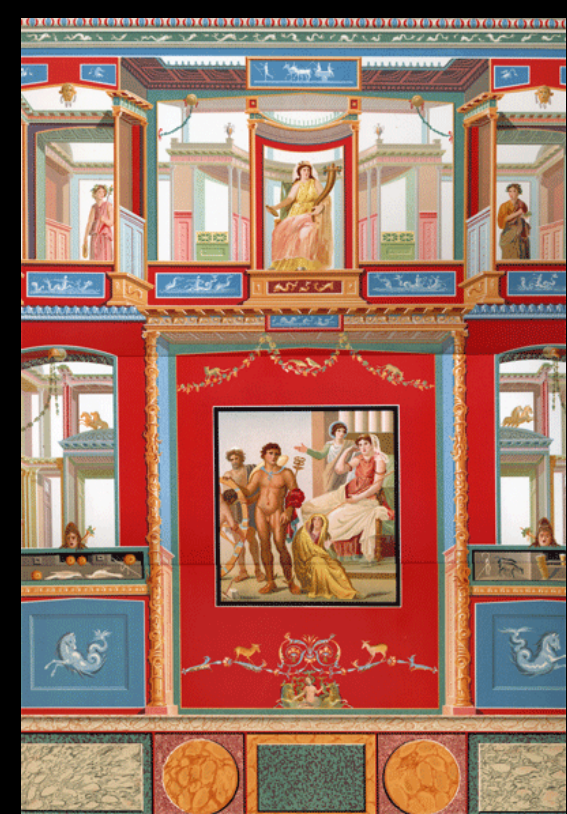
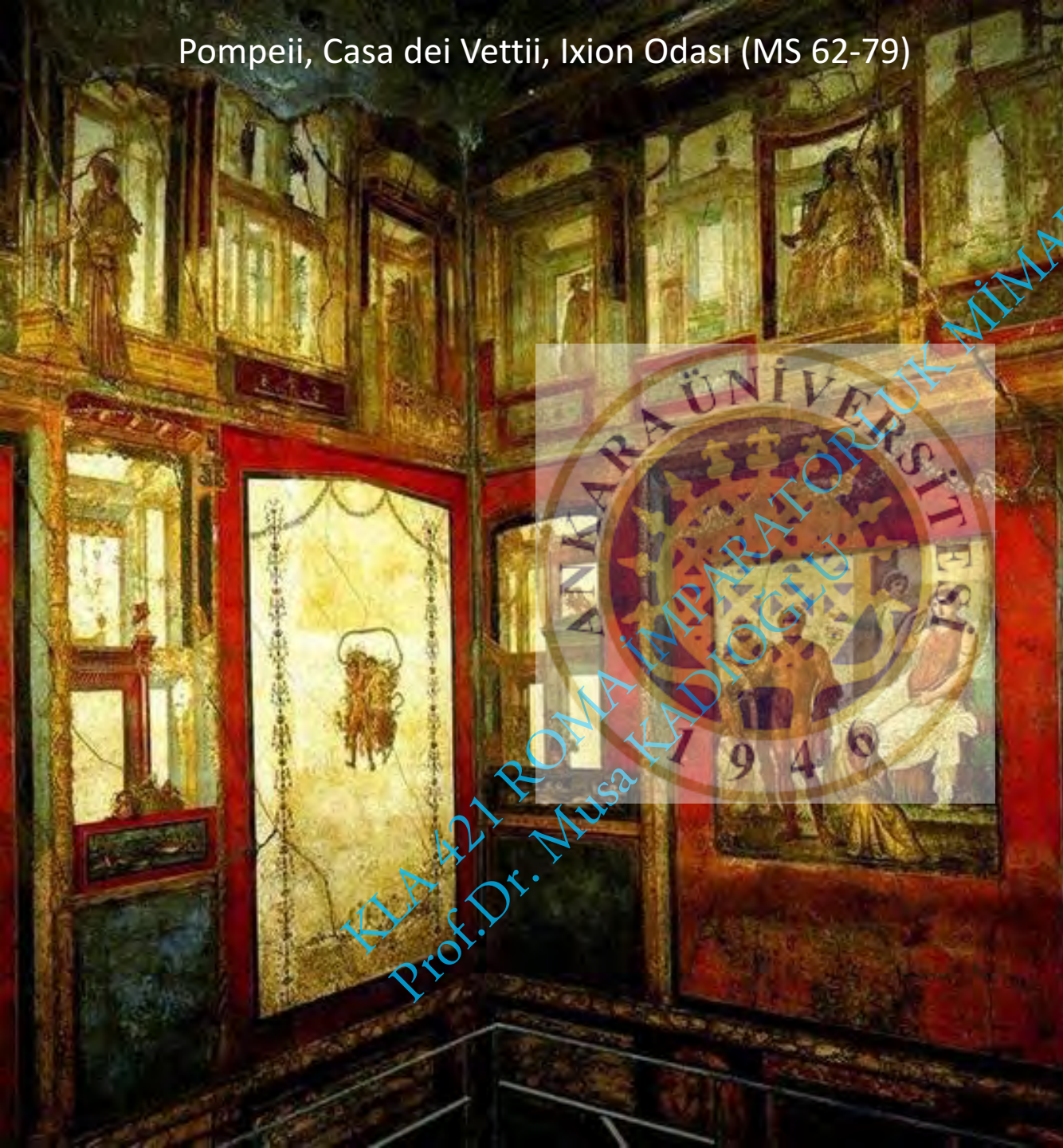


Pompeii, Casa dei Vettii, Ixion Odası (MS 62-79)



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Pompeii, Casa dei Vettii, Ixion Odası (MS 62-79)



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