

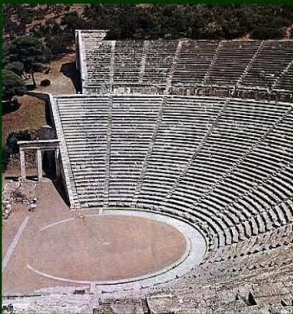
THE HISTORY OF ARCHITECTURE

FROM PREHISTORIC TO MODERN TIMES



the fifth Album:

THE ANCIENT GREEK ARCHITECTURE



Albums of characteristic examples for the Educational course

by Dr. Konstantin I.Samoilov

Almaty, 2017

This series of albums generated for information purposes of the Educational course "The General History of Architecture": 2 credits / 30 hours of lectures.

Until the mid-19th century, examples are grouped by region. In this period, the phenomenon of a single world architectural process begins to manifest itself. Since the last third of the 19th century, examples have been grouped by decades.

Thirty albums illustrate the following topics:

- the 1st Album: EDUCATIONAL AND SCIENTIFIC-THEORETICAL SOURCES
- the 2nd Album: THE PREHISTORIC ERA'S ARCHITECTURE
- the 3rd Album: THE ANCIENT EGYPTIAN ARCHITECTURE
- the 4th Album: THE ANCIENT MESOPOTAMIAN ARCHITECTURE
- **the 5th Album: THE ANCIENT GREEK ARCHITECTURE**
- the 6th Album: THE ANCIENT ROMAN ARCHITECTURE
- the 7th Album: THE MEDIEVAL WEST EUROPEAN ARCHITECTURE
- the 8th Album: THE EUROPEAN RENAISSANCE'S ARCHITECTURE
- the 9th Album: THE MEDIEVAL MAGHREB'S, THE NEAR EASTERN AND THE CAUCASUS'S ARCHITECTURE
- the 10th Album: THE MEDIEVAL CENTRAL ASIAN ARCHITECTURE
- the 11th Album: THE MEDIEVAL CHINESE ARCHITECTURE
- the 12th Album: THE MEDIEVAL SOUTHEAST AND EAST ASIAN ARCHITECTURE
- the 13th Album: THE MEDIEVAL CENTRAL AMERICAN ARCHITECTURE
- the 14th Album: THE EASTERN EUROPE MIDDLE AGES AND NEW TIMES ARCHITECTURE
- the 15th Album: THE WESTERN EUROPEAN AND NORTH AMERICAN OF NEW TIMES ARCHITECTURE

- the 16th Album: THE WORLD'S ARCHITECTURE OF THE 1870's
- the 17th Album: THE WORLD'S ARCHITECTURE OF THE 1880's
- the 18th Album: THE WORLD'S ARCHITECTURE OF THE 1890's
- the 19th Album: THE WORLD'S ARCHITECTURE OF THE 1900's
- the 20th Album: THE WORLD'S ARCHITECTURE OF THE 1910's
- the 21st Album: THE WORLD'S ARCHITECTURE OF THE 1920's
- the 22nd Album: THE WORLD'S ARCHITECTURE OF THE 1930's
- the 23rd Album: THE WORLD'S ARCHITECTURE OF THE 1940's
- the 24th Album: THE WORLD'S ARCHITECTURE OF THE 1950's
- the 25th Album: THE WORLD'S ARCHITECTURE OF THE 1960's
- the 26th Album: THE WORLD'S ARCHITECTURE OF THE 1970's
- the 27th Album: THE WORLD'S ARCHITECTURE OF THE 1980's
- the 28th Album: THE WORLD'S ARCHITECTURE OF THE 1990's
- the 29th Album: THE WORLD'S ARCHITECTURE OF THE 2000's
- the 30th Album: THE WORLD'S ARCHITECTURE OF THE 2010's

Examples are distributed in chronological order of the construct completion.

Images sources are indicated directly near with illustrations on each page.

Architects and companies listed on the basis of aggregate data from different sources (for some objects from various sources indicate different authors). About some buildings listed authors in the available sources has not yet been found.

The Author expresses his gratitude to Internet resources – <https://www.google.com> ; <https://www.wikipedia.org> – which to provide the ability to collect an information.

The 5th Album's front cover:

The "Temple E", Selinunte, Sicily, 490 - 480 BC - http://www.bbsolaris.com/userfiles/images/foto-box/selinunte/selinunte_1.jpg

The Corinthian order - <https://ka-perseus-images.s3.amazonaws.com/9abc6734ad887e785272e207118b7d4788dcf7f4.jpg>

The Theatre, Epidaurus, 4th century BC (Arch. Polykleitos the Younger) -

<http://www.ronaldvandenboogaard.nl/joomla/images/stories/epidaurusdertig.jpg>

The Erechtheion / Erechtheum temple, the Acropolis, Athens, 406 BC (Arch. may have been Mnesicles) -

<http://prettythaiforawhiteguy.com/wp-content/uploads/2013/03/Erechtheion-Porch-of-the-Caryatids.jpg>

Purpose of the 5th Lecture:

To study the basic features of the Greek Architecture in the Ancient period.

Tasks of the 5th Lecture:

- To consider characteristic examples of specifically organized spaces and buildings;
- To accentuate the features of construction depending on the availability of building materials;
- To emphasize the difference between cult and dwelling buildings.

Tasks for the self-research work:

1. Study the change in the nomenclature of buildings and structures during the evolution of the architecture of Ancient Greece
2. Analyze geometric parameters of main types of structures and buildings.

Questions for the self-preparation:

1. Accentuate the features of different architectural orders
2. What is the structure of typical town's complexes in different periods?

Themes of abstracts (16 pages, 40 000 characters, A4 format):

1. The evolution of the Greek Architecture in the Homeric and Archaic periods
2. The evolution of the Greek Architecture in the Classical period
3. The evolution of the Greek Architecture in the Hellenistic period

Examples for the 5th Lecture:

5.1 The Ancient Greece: the Geographical position and the Time-line

5.2 Most types of temples and other variants: the First Hera's temple, Paestum; the Hera's temple, Olympia; the Apollo's temple, Bassai

5.3 Greek architectural orders: the Doric order; the Ionic order; the Corinthian order

5.4 The "Temple E", Selinunte, Sicily, 490 - 480 BC

5.5 The Miletus city(example of "the Hippodamian city plan"), 480 BC

5.6 The Theatre, Epidaurus, 4th century BC (Arch. Polykleitos the Younger)

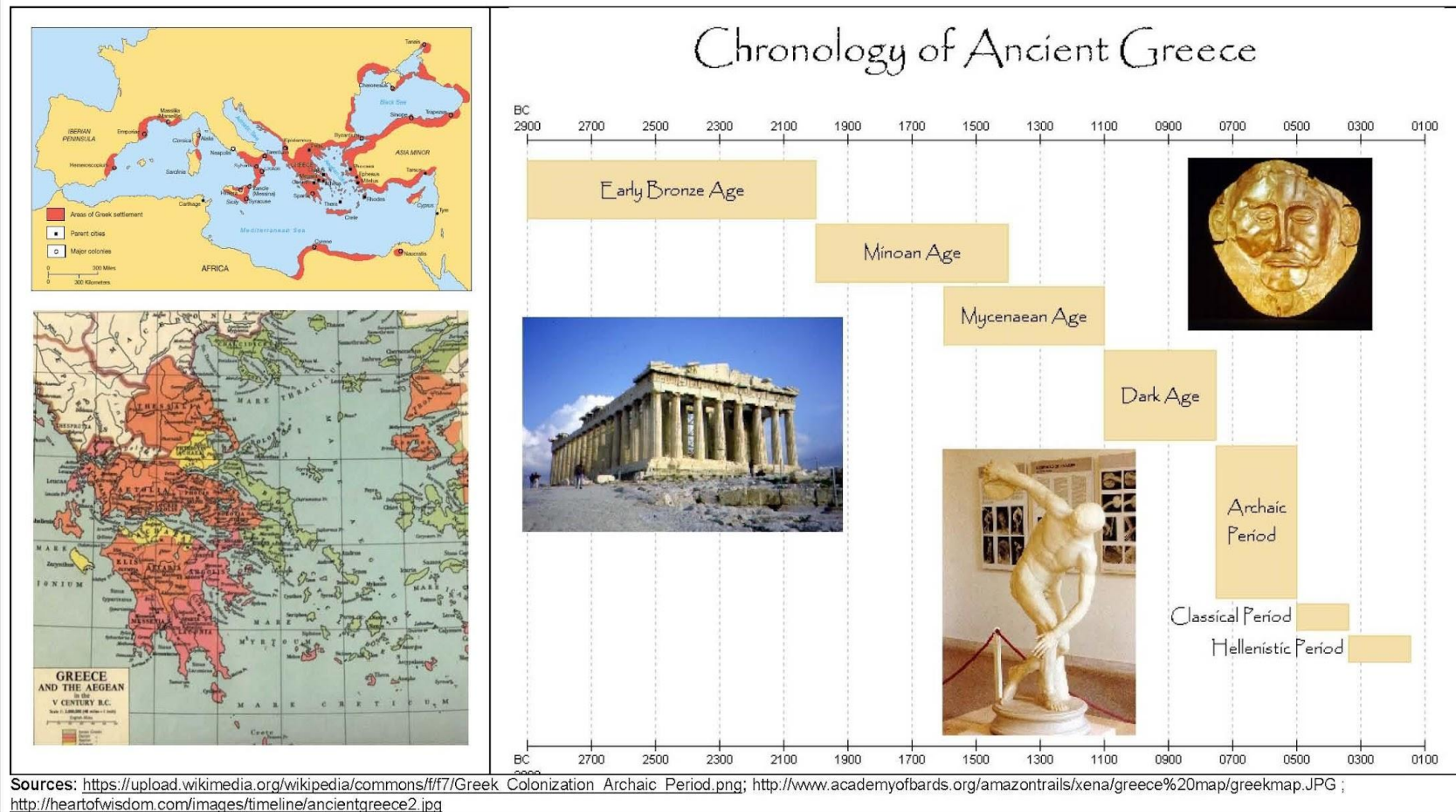
5.7 The Acropolis / Cecropia and the Propylaea, Athens (the reconstruction), from 447 BC (Arch. Phidias as the Chief, Ictinus, Callicrates, Mnesicles)

5.8 The Parthenon temple, the Acropolis, Athens, 432 BC (Arch. Ictinos, Callicrates)

5.9 The Temple, Segesta, Sicily, 420 BC

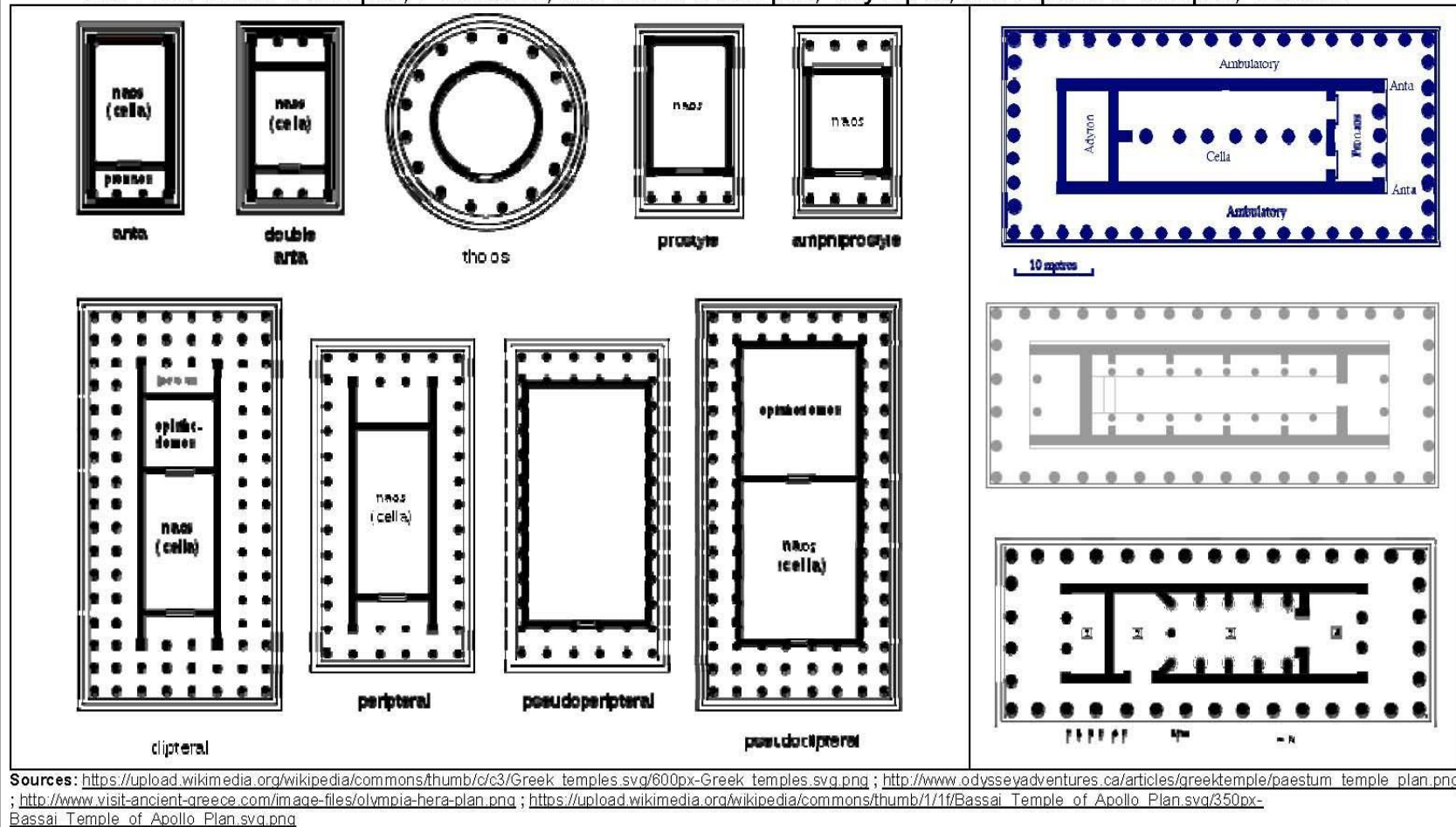
5.10 The Erechtheion / Erechtheum temple, the Acropolis, Athens, 406 BC (Arch. may have been Mnesicles)

5.1 The Ancient Greece: the Geographical position and the Time-line

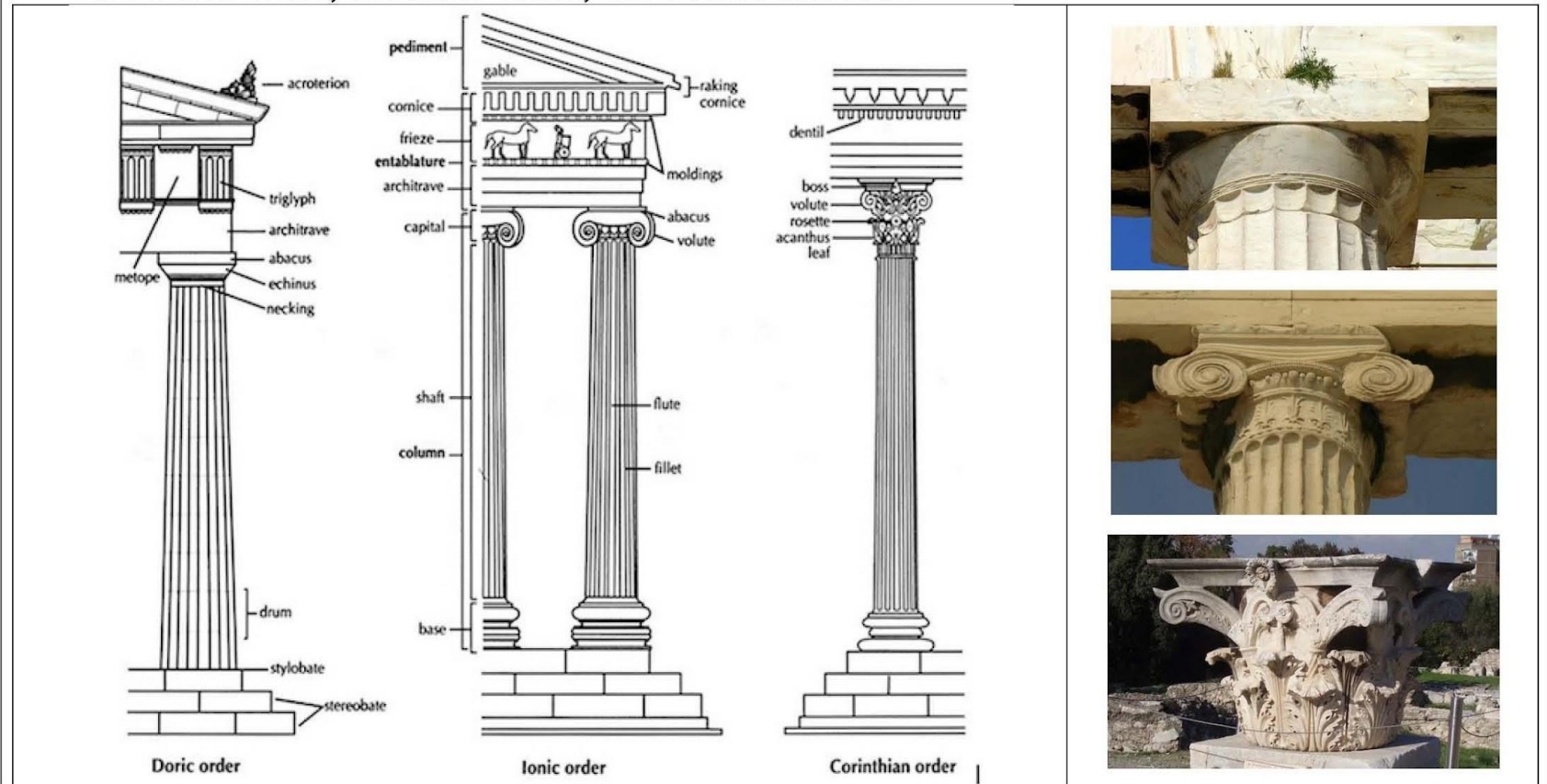


5.2 Most types of temples and other variants:

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5.3 Greek architectural orders: the Doric order; the Ionic order; the Corinthian order



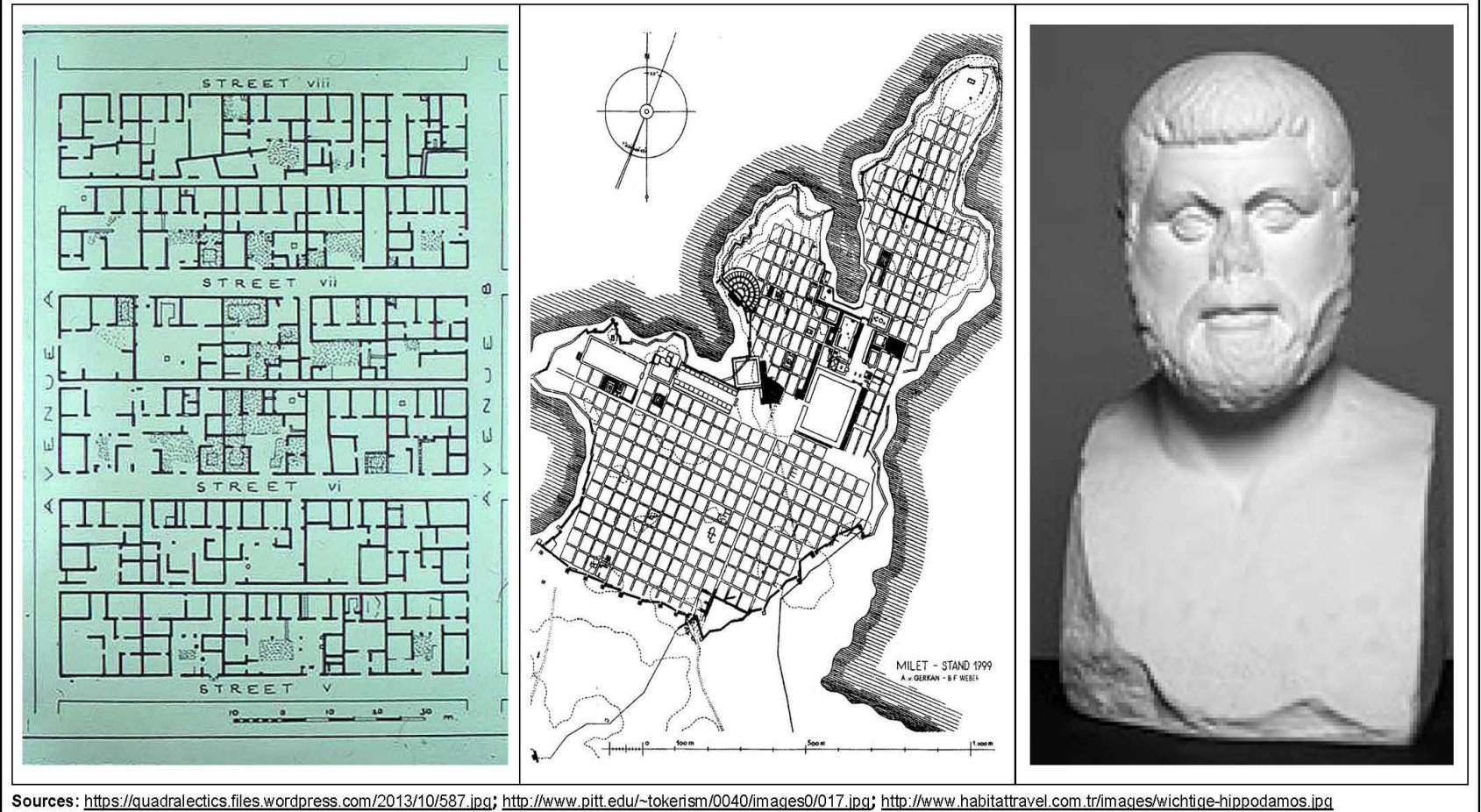
Sources: <https://ka-perseus-images.s3.amazonaws.com/0683043c3719d0ff5715ba85314432b460f10952.jpg>; http://3.bp.blogspot.com/-H_MuAQJVU9w/TtY8MJ7yDBI/AAAAAAAAAcQ/eH823lo3twU/s1600/DoricCapital.jpg; <https://www.ancient.eu/uploads/images/384.jpg?v=1431035012>; <https://ka-perseus-images.s3.amazonaws.com/9abc6734ad887e785272e207118b7d4788dcf7f4.jpg>

5.4 The "Temple E", Selinunte, Sicily, 490 - 480 BC



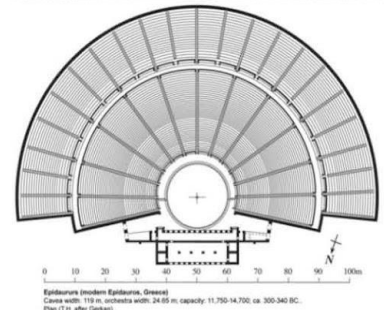
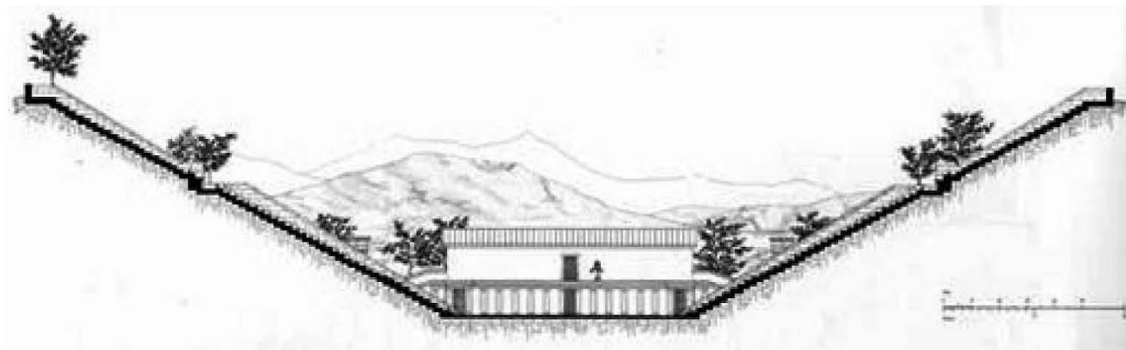
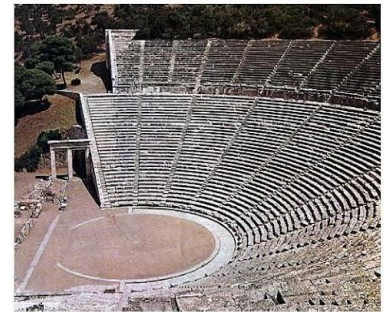
Sources: [https://upload.wikimedia.org/wikipedia/commons/6/61/Selinunte - Templi Orientali \(Temple E\) 18.JPG](https://upload.wikimedia.org/wikipedia/commons/6/61/Selinunte_-_Templi_Orientali_(Temple_E)_18.JPG) ; http://www.bbsolaris.com/userfiles/images/foto-box/selinunte/selinunte_1.jpg ; https://farm1.staticflickr.com/303/20228114669_0586895f26_h.jpg ; <http://woostergeologists.scotblogs.wooster.edu/files/2013/06/10.-Selinunte-column-ruins-Steve-060713.jpg>

5.5 The Miletus city (example of “the Hippodamian city plan”), 480 BC



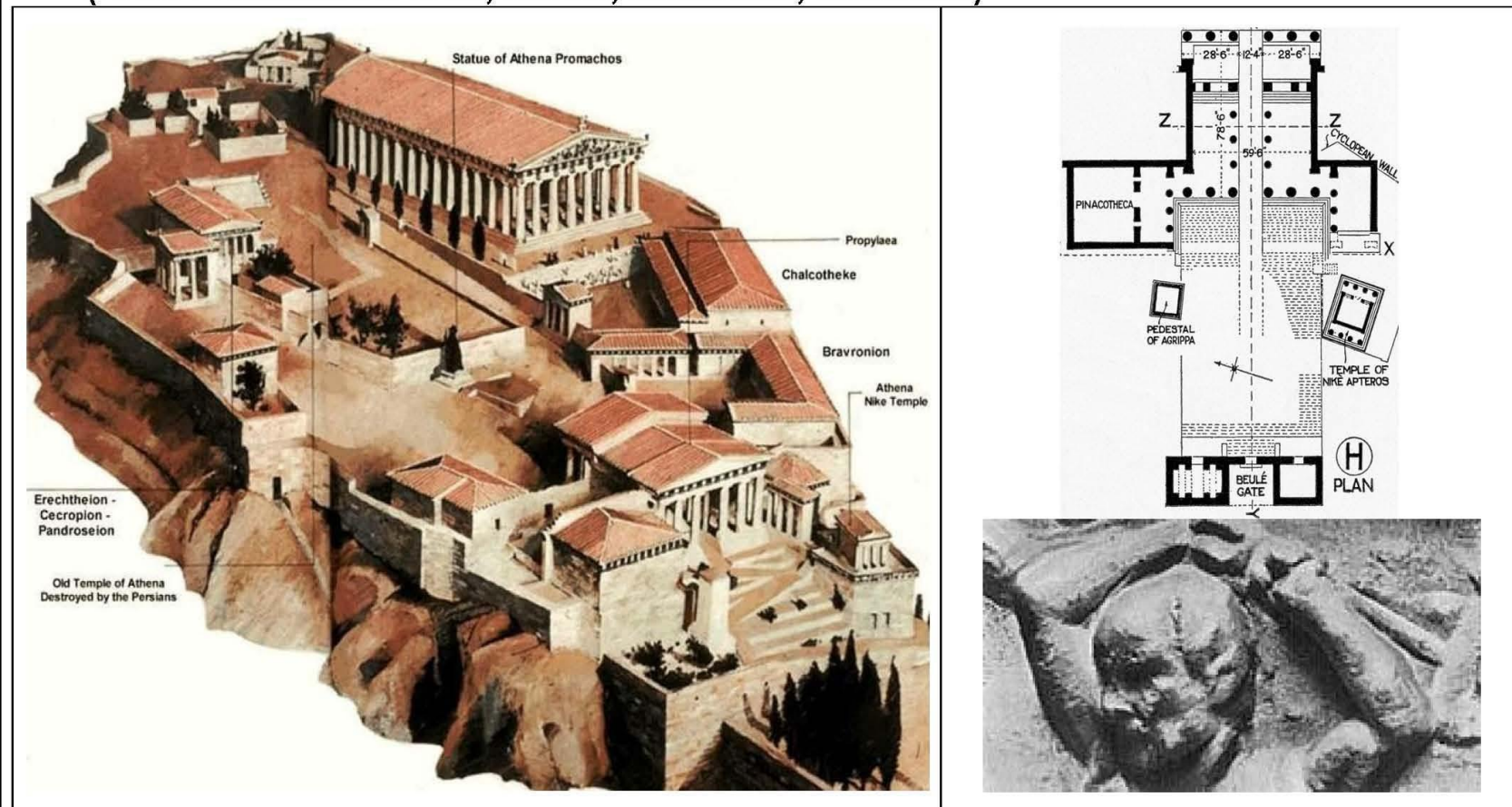
Sources: <https://quadralectics.files.wordpress.com/2013/10/587.jpg>; <http://www.pitt.edu/~tokerism/0040/images0/017.jpg>; <http://www.habitattravel.com.tr/images/wichtige-hippodamos.jpg>

5.6 The Theatre, Epidaurus, 4th century BC (Arch. Polykleitos the Younger)



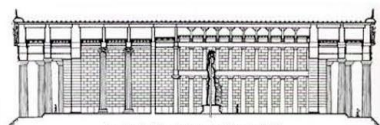
Sources: <https://www.landlifetravel.com/wp-content/uploads/2015/10/Archaeological-site-of-Epidaurus-Ancient-theater-Peloponnese-Greece-1.jpg> ;
<http://www.kvl.cch.kcl.ac.uk/THEATRON/theatres/epidaurus/assets/images/epiimg14.jpg> ; <http://www.ronaldvandenboogaard.nl/oomla/images/stories/epidaurusdertig.jpg> ;
<https://www.whitman.edu/theatre/theatretour/epidaurus/images/large%20images/epidaurus.plan.jpg>

5.7 The Acropolis / Cecropia and the Propylaea, Athens (the reconstruction), from 447 BC (Arch. Phidiasas the Chief, Ictinus, Callicrates, Mnesicles)

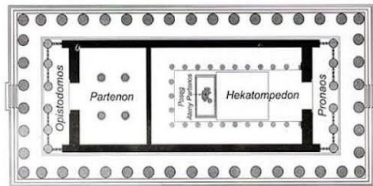


Sources: https://classconnection.s3.amazonaws.com/139/flashcards/1167139/jpg/athenian_acropolis1330506967704.jpg; https://c1.staticflickr.com/5/4141/5412400674_3256867c43_b.jpg; <https://upload.wikimedia.org/wikipedia/ru/thumb/5/53/Phidias2.jpg/220px-Phidias2.jpg>

5.8 The Parthenon temple, the Acropolis, Athens, 432 BC (Arch.Iktinos, Callicrates)



Longitudinal Section / Sección Longitudinal

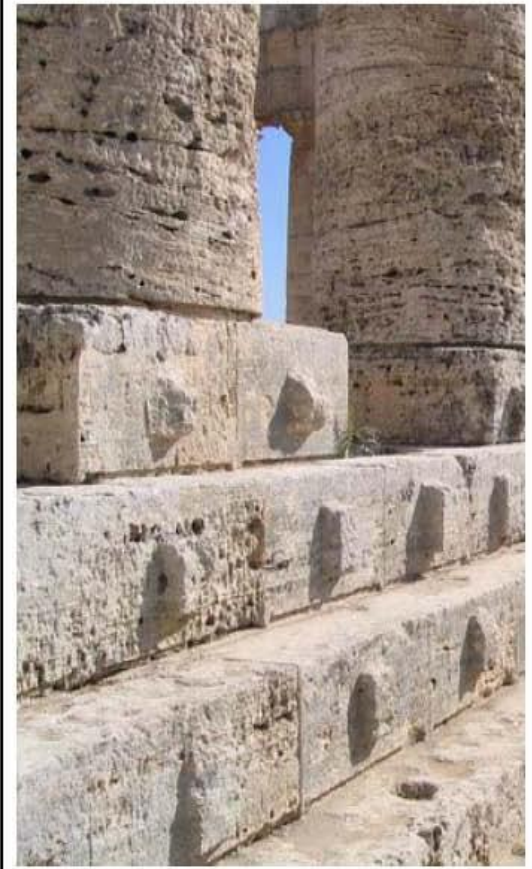


Plant Distribution / Planta de Distribución



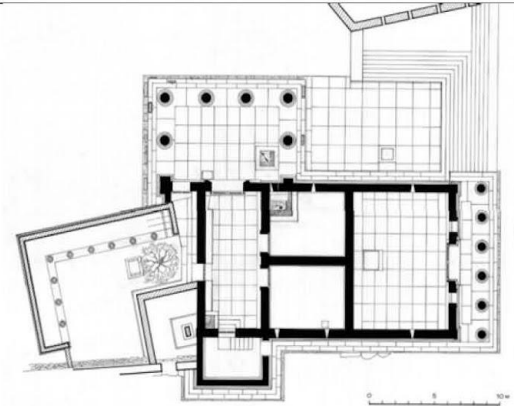
Sources: http://employees.oneonta.edu/farberas/arth/Images/109images/greek_archaic_classical/parthenon/parthenon.jpg ; <http://4.bp.blogspot.com/-eNdY4I7nS1E/ThDdDnce-CI/AAAAAAAAAJI/FbiNMGhZHns/s1600/ParthenonPlan3.jpg> ; https://upload.wikimedia.org/wikipedia/commons/c/c7/Parthenon_XL.jpg ; https://admissions.vanderbilt.edu/insidadores/manage/wp-content/uploads/Athena_Parthenos_LeQuire.jpg

5.9 The Temple, Segesta, Sicily, 420 BC



Sources: <http://arkeofili.com/wp-content/uploads/2015/08/tap5.jpg>; http://www.livius.org/site/assets/files/2986/segesta_temple10.jpg

5.10 The Erechtheion / Erechtheum temple, the Acropolis, Athens, 406 BC (Arch. may have been Mnesicles)



Sources: http://sasgreekart.pbworks.com/f/1228403731/athens_erechtheion_1.jpg ; <http://www.stoa.org/athens/sites/acroerechtheion/image/p08021.jpg> ;
<https://static1.squarespace.com/static/57b9b98a29687f1ef5c622df/t/58179d7346c3c4f1cb2e1473/1477942650926/Erechtheion> ;
http://www.y sma.gr/static/images/3_3_ER_sxedio.jpg ; <http://prettythaiforawhitequy.com/wp-content/uploads/2013/03/Erechtheion-Porch-of-the-Caryatids.jpg>

Recommended educational and scientific-theoretical sources:

1. *Greek architectural orders* / Dr. Jeffrey A. Becker. - URL: <https://www.khanacademy.org/humanities/ancient-art-civilizations/greek-art/beginners-guide-greece/a/greek-architectural-orders>
2. *Doric order* / From Wikipedia, the free encyclopedia. - URL: https://en.wikipedia.org/wiki/Doric_order
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Briefly about the Author



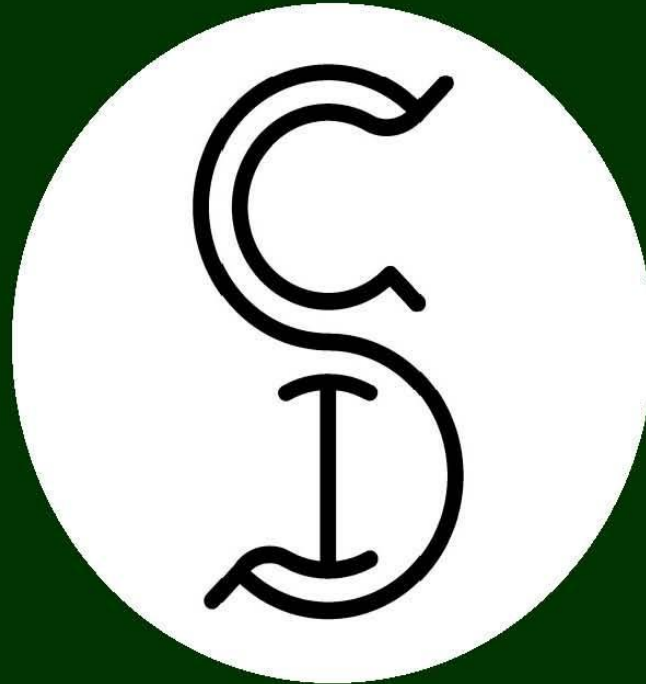
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