

The Central Lands of the Greek World



Peninsula – West – Asia Minor-Main Peninsula- dotted islands Terrain – hilly – clans-**Rivalry**. Climate – Mild winter – warm sunny summer Moderate rainfallsudden showers – dust proof atmosphere – blue skiesmediterranean blue seas

Geological –

Limestone – stucco – marble powder

- Marble- Fine grained exactness of line, detail
- Mountain of Hymerrus,
- Athens Pentelicus
- Islands Paros, Naxos
- Timber roofing
- Sundried bricks

# Religion

Natural forces – Gods – Goddesses Sacrificial Altars – open air Ritual Dances Sacred Games Each town –local heroes, traditions, ceremonies No regular priesthood

## Gods- affected - human desires - failings

GREEK (The	twelve Olympians)	ROMAN
Zeus	The supreme god, and ruler of the sky	Jupiter (Jove)
Hera	Wife of Zeus, and goddess of marriage	Juno
Apollo	God of law and reason, art, music and poetry; founder of cities	Apollo
Athena	Goddess of wisdom and learning	Minerva
Poseidon	The sea god	Neptune
Dionysos	God of wine, feasting and revelry	Bacchus
Demeter	Goddess of earth and agriculture	Ceres
Artemis	Goddess of the chase	Diana
Hermes	Messenger of the gods. God of commerce	Mercury
Aphrodite	Goddess of love and beauty	Venus
Hephaestus	God of fire, flame and forge. God of handicrafts	Vulcan
Ares	God of war	Mars

Also: Hestia (Vesta), goddess of the hearth (sacred fire); Helios (Sol), the sun god; Selene (Luna), the moon goddess; Pan (Pan), god of the flocks. Two mortals who became gods were Heracles (Hercules), god of strength and labour, and Asclepius (Aesculapius), god of healing.

# Historical

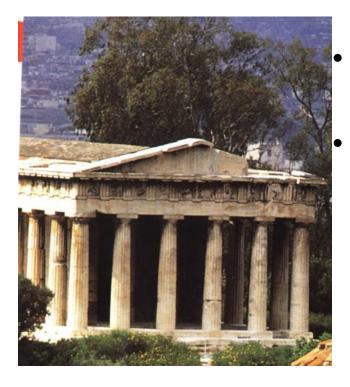
- Minoan (Crete) Early, Middle Bronze –
- King Minos of Knoss
- Mycenae (Helladic Greece)
- Late Bronze Age
- Geometric Age (Dorians)
- Archaic Period
- Hellenic or Classical Age
- Hellenistic Period
- Roman Greece

- 1400 -1100 B.C.
- 2000-1580B.C.
  - 900-725B.C.
    - 7<sup>th</sup> 6thB.C.
- 480 330 B.C.
- 330 150B.C.

- The City Council- rich people, important citizens.
- Assembly elections- **Democracy**
- Stand on a block. Voting for election against the person eliminated.
- Individual Identity,
- City State Polis
- Women –own property, run business, singers, poets.

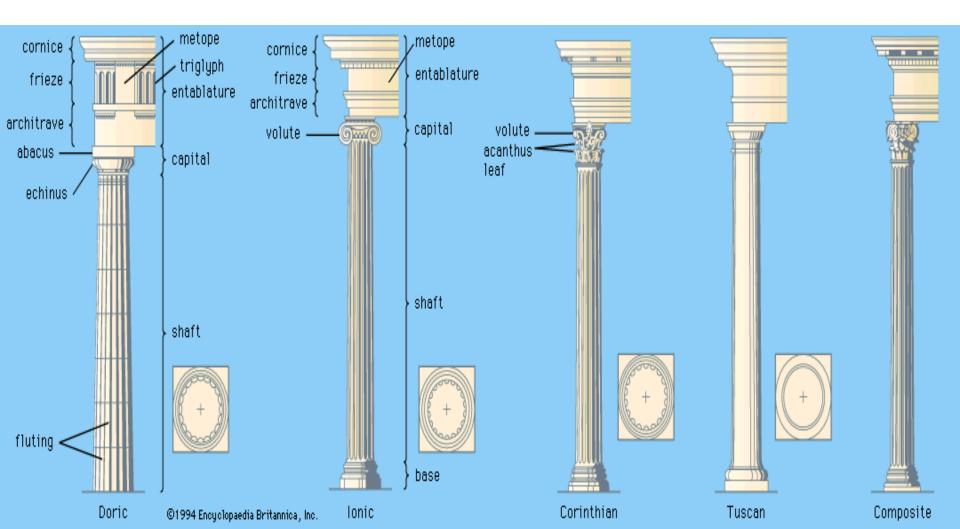
- Philosophers –discussion politics, religion. –
  Socrates, Plato –Academia, 1<sup>st</sup> University in Athens
- Sciences Pythagoras, Aristotle
- Homer Illiad, Odyssey Hercules, Ulysses
- Alpha, Beta, Gama
- Theatres comedy, tragedy
- Orators Demosthenes
- Herodotus history of Persian Wars.
- Law makers
- Town Planners

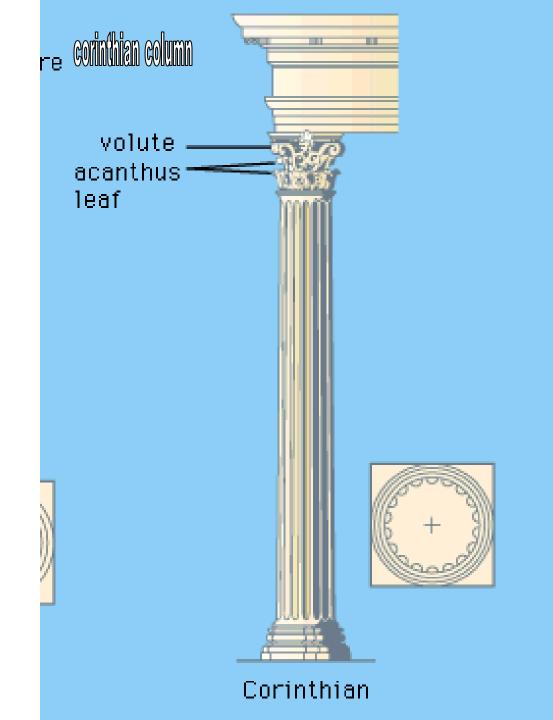
- Sports Physical training- Gyms,
- Olympic Games Zeus temple at Olympia
- Prize olive wreath gifts of gold, food.
- Runners, wrestlers, boxers.
- Marathon

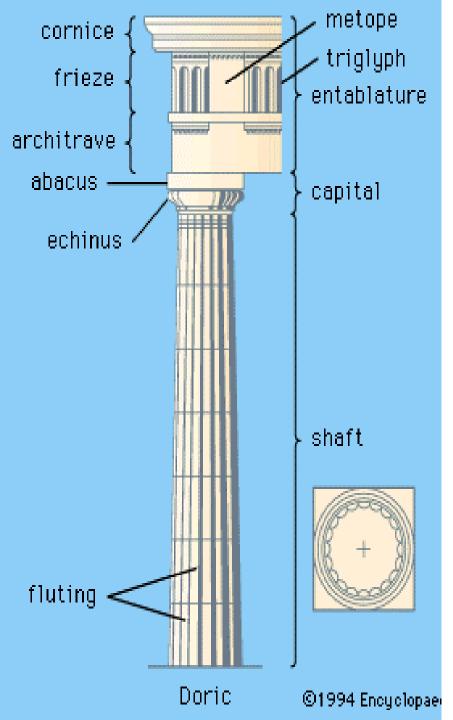


- Traebated Architecture columns Beams Marble
- Walls stone rubble with ashlar,without mortar Roof Pitch –low-angle of pediment Ceilings – flat - coffered

**ORDERS** - grouped number of parts. Each order consisted of an upright column, base, capital at the head – horizontal member Each order – specfic proportions between parts, specfic mouldings, distinguishing features.

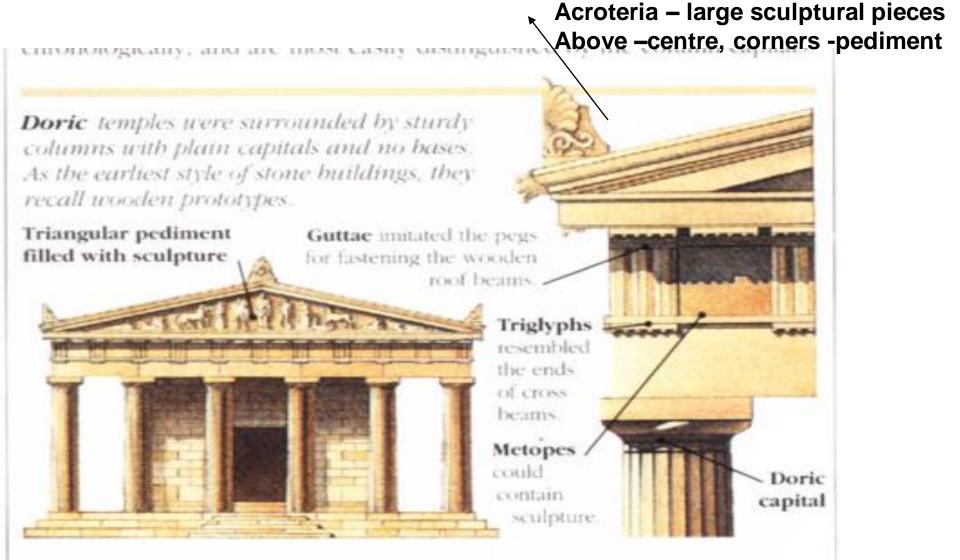






Doric order – crepidoma – on 3 steps, no base. Height – 4-6 times the Dia Shaft diminshes – <sup>3</sup>/<sub>4</sub> -2/3<sup>rd</sup> of dia. 20 – shallow flutes – sharp arrises. **Capital** –abacus- square block **Echinus- circular base Necking transition -3** raised rings

## Doric architecture – linear, geometrical. Play of light and shadow



Ionic temples differed from Doric in their

Akroteria, at the roof

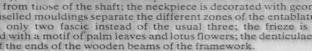


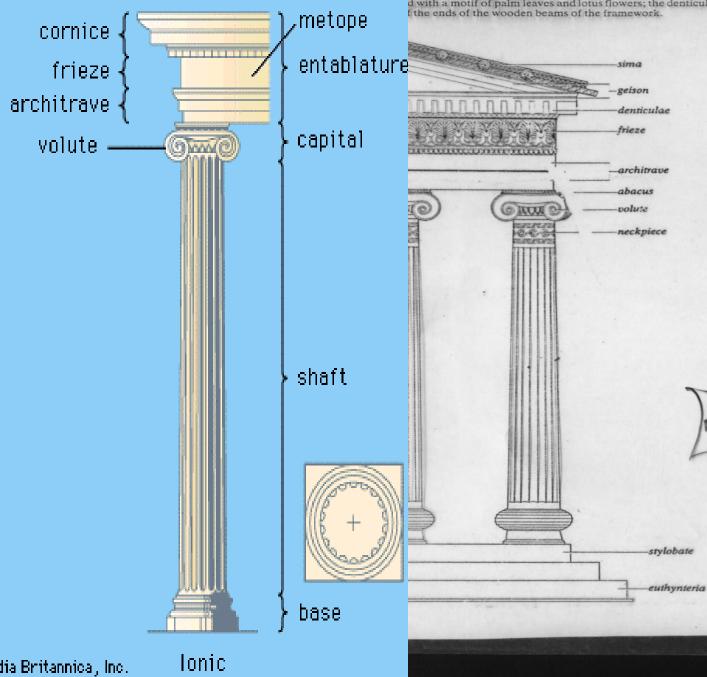
The SW cornner of the cornice of the Parthenon.

Cornice – horizontal corona – all round

Primary function clear line along the upper perimeter of bldg. Architrave – principal beam

14





**Capital & base** – 9 times lower Dia. 24 flutes, fillets Capital volutes, rests on echinus – circular in plan 21/2 times the dia. Entablature – 11/4 the ht. of column Frieze – continous band sculpture

tendency to bave more columns, of a different form. The capital bas a pair of volutes, like rams' borns, front and back.

The frieze was a continuous band of decoration. The Ionic architrave was subdivided into projecting bands.

> The \_\_\_\_\_ Ionic frieze took the place of Doric trightphs and metopes

corners, could look Persian in style.

> Ionic capital

# **Corinthian order** — slender, decorative, 10 times the dia. Capital – natural - acanthus

the Romans and only in Athens. They feature columns with slender shafts and elaborate capitals decorated with acanthus leaves.

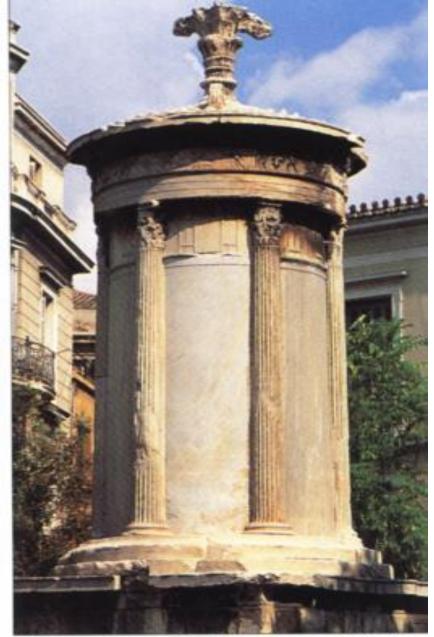
Akroterion in the shape of a griffin -

The cella entrance was at the east end.

### The entablature

was everything above the capitals was decorated with a variety of mouldings.

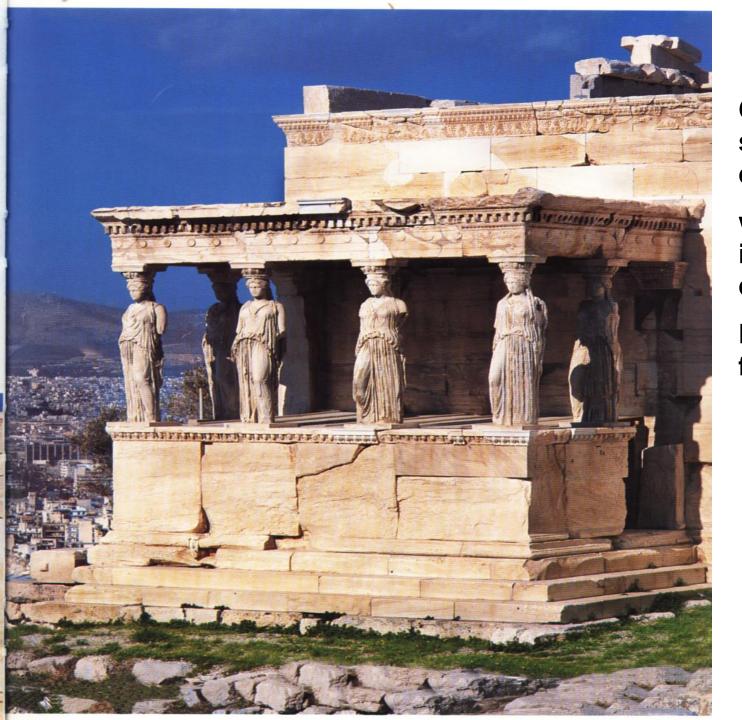
> Acanthus leaf capital



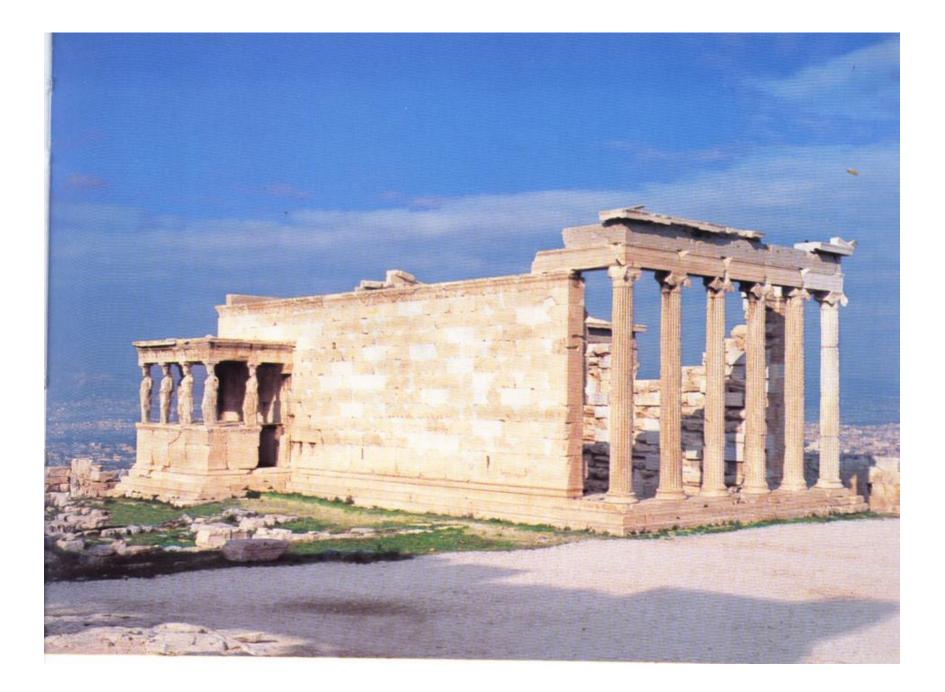
The monument of Lysikrates, named after the cboregos of the winning team of actors

Corinthian Columns – used extenally. Commemmorate the victories –annual –choral, dramatic Monument Of Lyscriates Choregos –name of sponsor of winning team.

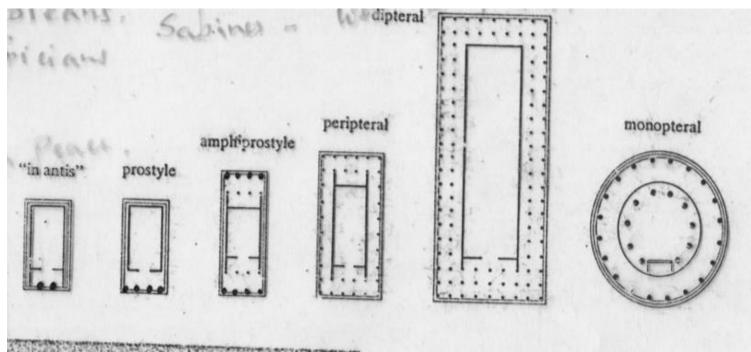
# Top bronze trophy finial of acanthus



Caryatids – statues of draped women – instead of columns Priestesses from Caryae



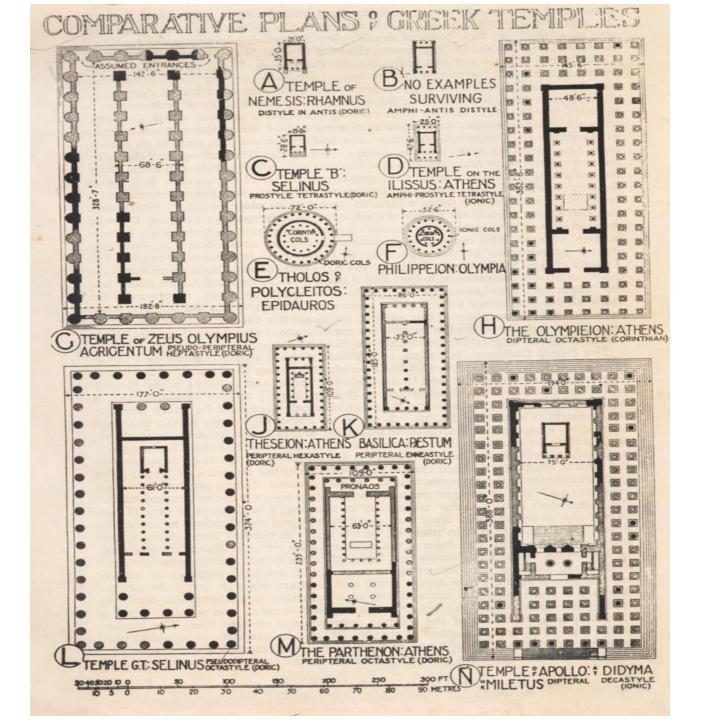
# Temples- rectangular temples described- no. of columns – entrance or exterior columns.



In antis – columns in line with wall Prostyle – front only Amphi prostyle – front/back Peripteral - allround

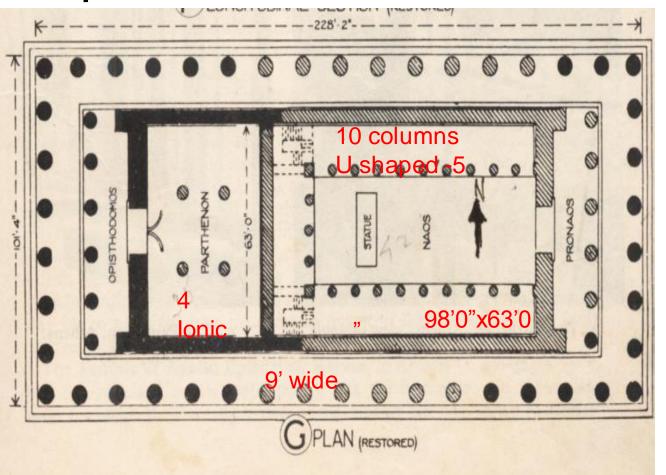
Henostyle – one column Distyle – 2 tetrastyle - 4 Tristyle - 3 Pentastyle - 5 Hexastyle - 6 Heptastyle - 7

- Parts of a temple –
- Ent porch pronaos
- Main cella Naos
- Rear chamber/treasury Epinaos/ opisthodomos
- Stood on crepidoma 3steps
- Altar stood outside opposite the East Front
- Not for internal worship
- Outward effect
- Large door East
- Windows rare
- Sloped roof timber truss, tiles
- Sculpture pediments



## Parthenon, Athens

## 443 -432B.C. Ictinus, Calicrates – architects.- Pheidias sculptor

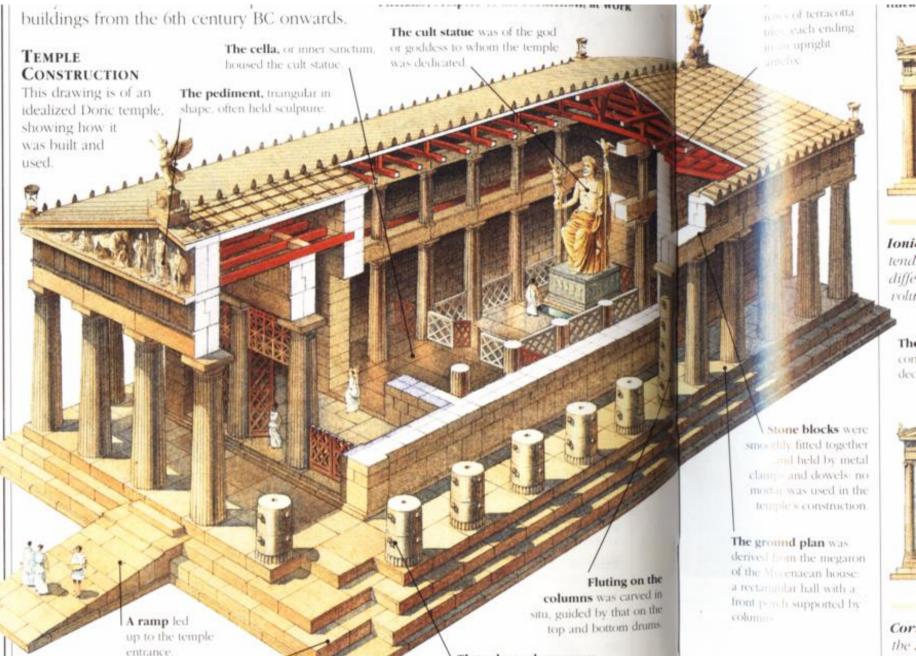


perpiteral

Steps 3nos. 2'4"wide,

Pronaos -60' x14'

228'0"x 101'0" Naos – 98'0"x63'0'



The stepped platform was built on a stone foundation.

The column drums were initially carved with bosses for lifting them into place.

Caryatids.

colu cap.

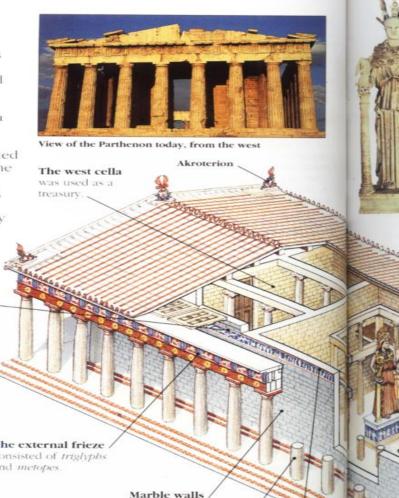
#### ENS AREA BY AREA

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#### CENTRAL ATHENS SOUT

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concealed the

#### Statue of Athena

The buge chryselephantine (ivory and gold) statue of Athena, patron goddess of Athens, was the focus of the Parthenon. This Roman copy is in the National Archaeological Museum (see pp68-71). During the Great Panathenaia festival the statue was adorned in a new robe made by the women of the city.

> The internal columns were in two rows and Doric in style.

#### THE ILLUSION OF

Every aspect of the Parth

was built on a 9:4 ratio to make the temple completely symmetrical. The sculptors also used visual trickerv to counteract the laws of



perspective. The illustra to show the techniques



Each column leans inwards slightly

The external frieze consisted of trightphs and metopes.

#### **E PARTHENON**

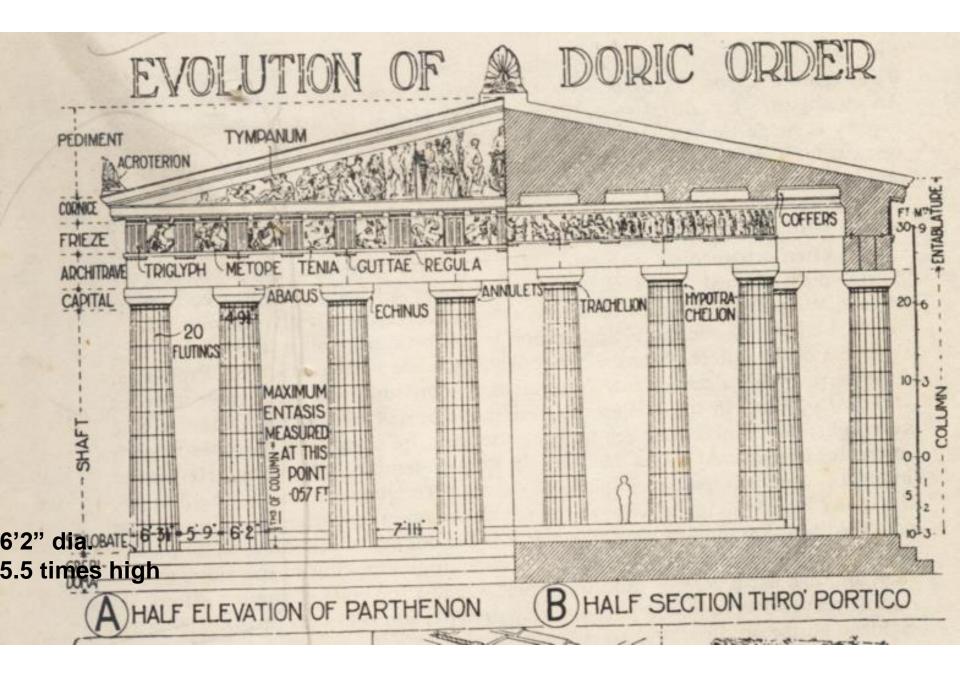
theast, shows the ury BC. It was 70 m ide. The entablature igle row of columns blue, red and gold.

cellas, or inner rooms. Each column was constructed The Elgin from fluted drums Marbles (see of marble. The p97) were taken fluting was added largely from the

The steps curved upwards slightly at the centre to make

Entrance



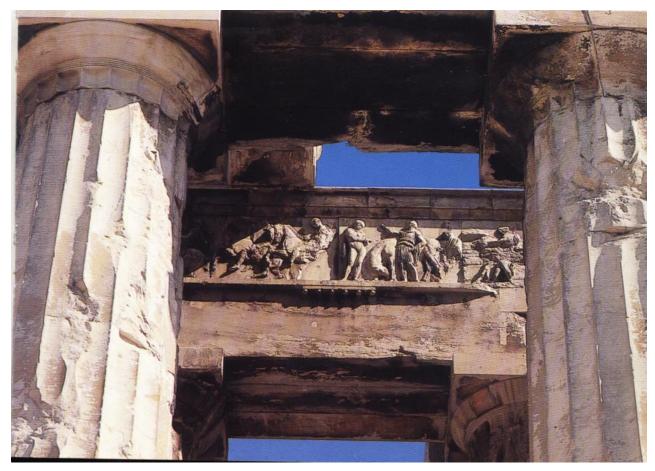








Metopes -92 almost square. 4'5"sq - 14 on each front -32 on each side Each - depict 2 figures in combat high relief.



Ionic frieze – 3'6"Ht, 524 Rft. Figures represent – gods, priests,elders Sacrifices, bearers,soldiers, Maidens,nobles. Low relief – beautifully composed



### **East Pediment – Birth of Athena**

West - quarrel - Posidon, Athena

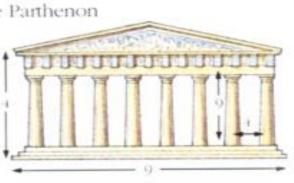


Restoration of the west pediment of the Parthenon, depicting the quarrel between Athena and Poseidon as to who would be patron deity of Athens.

Restoration of the east pediment of the Parthenon, depicting the birth of Athena. In the centre Zeus enthroned and opposite him panoplied Athena. Left and right, the other aods of Olympus observe the aoddess' birth in

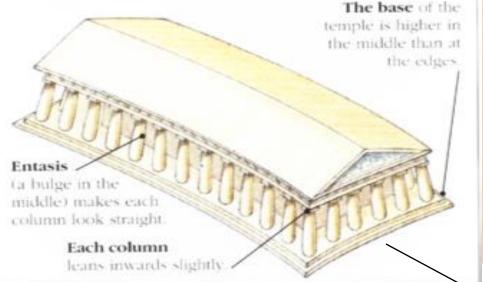
## **Optical Illusions - Entasis**

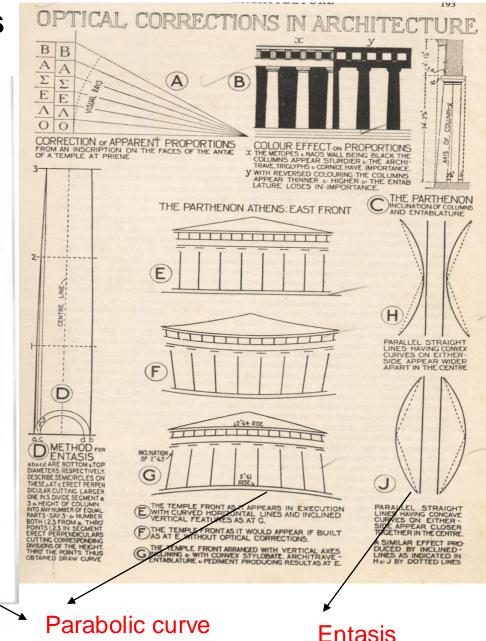
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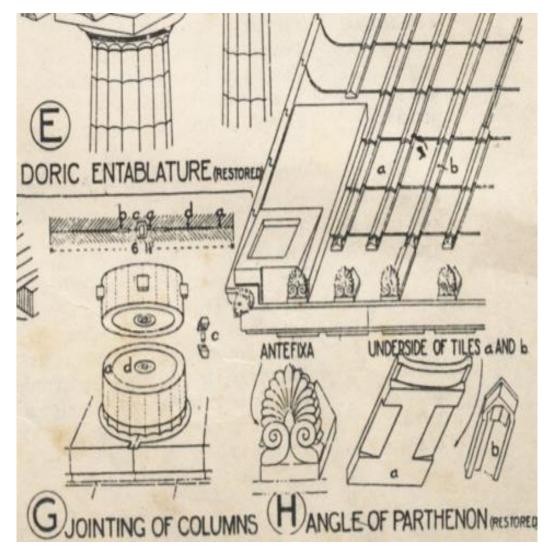


The anof much from

perspective. The illustration below is exaggerated to show the techniques they employed.







Anathyrosis – Smooth contact between two blocks – centre – rough- fitted iron, bronze clamps.

Column drums – metal dowels

## Parthenon — Virgin Athena



Athena – Pallas Athena-Goddess of War- goddess of Wisdom.

Wears – Helmet, carries – spear, shield

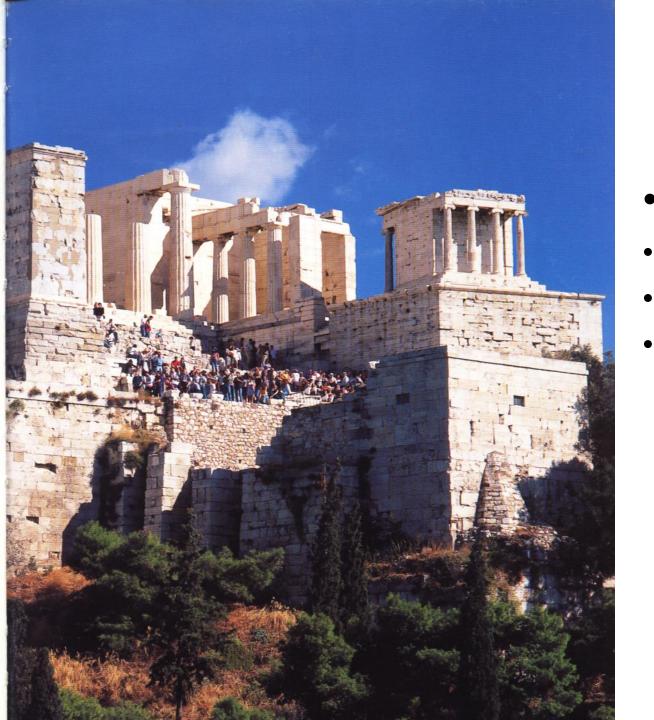
Aegis – goatskin breastplate,fringed with snakes.

Athena – shown –olive branch symbol – peace and plenty

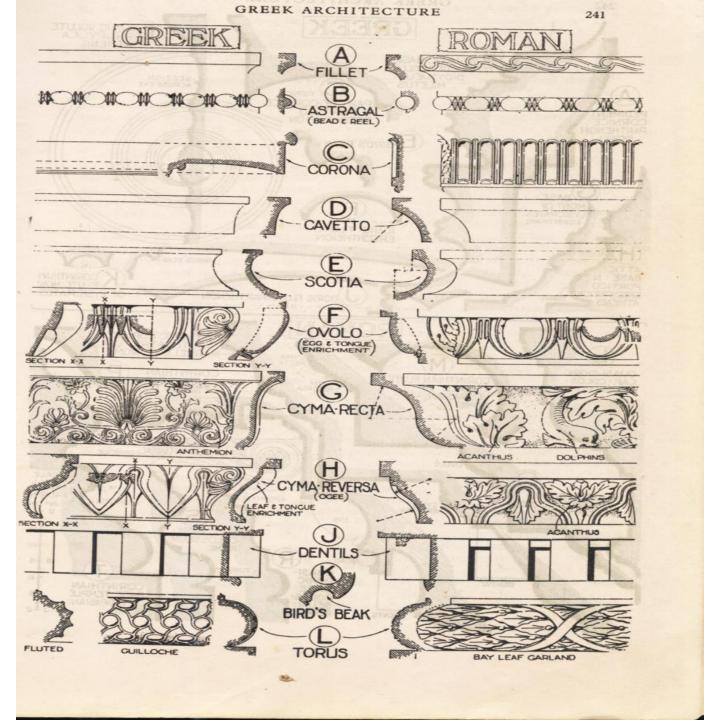
Ivory and Gold statue – 40'0" high

Chryselephantine

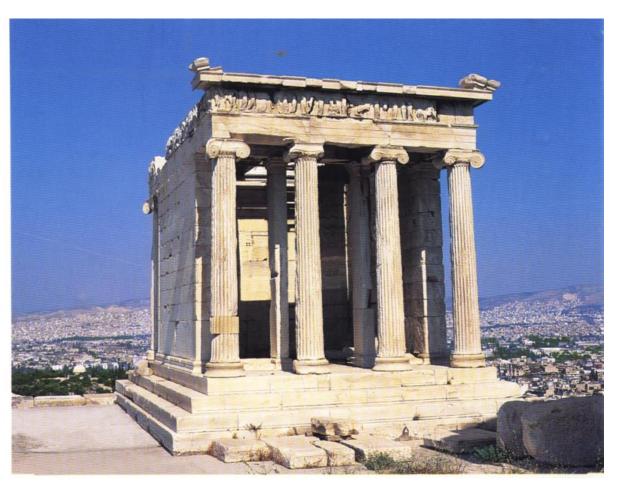
Panthenaea – birthday – 4 years



- Propylea
- Western edge
- 5 gates,doric
  - Middle gate sacrificial animals,unpaved, other 2- pavedpeople



# Greek Mouldings



Temple of Athena Nike Right of Propylea – Tetrastyled ,amphi-pro Style,lonic – unwinged victory Town Planning – Hippodomas -

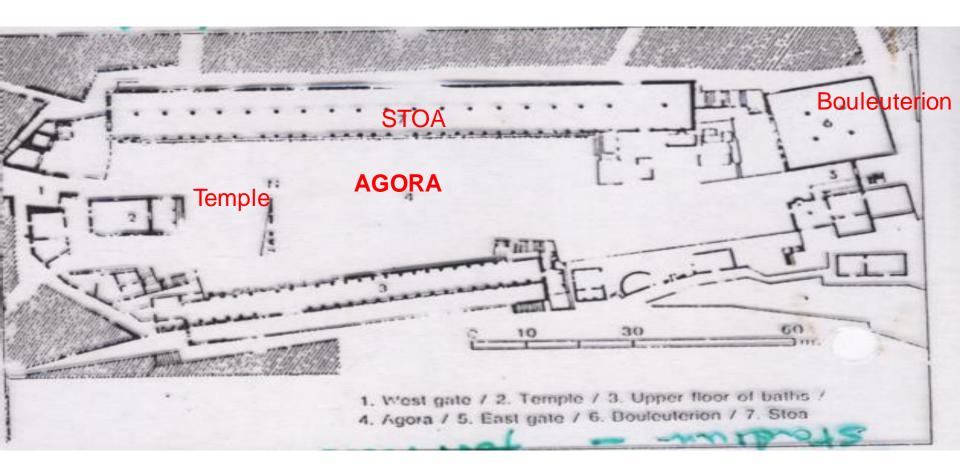
divided city - 3 zones -

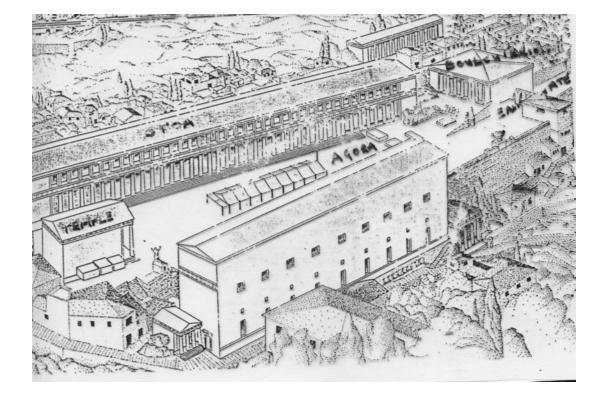
- 1. Public bldgs
- 2. Sacred use citadel -acropolis temple
- 3. Private homes outside the fortified walls

- 4. Public Buildings 2 types
- 5. 1 Portico or Stoa hall open one side. By a colonade
- 6. 2. Covered room or Hypostyle- internal columns

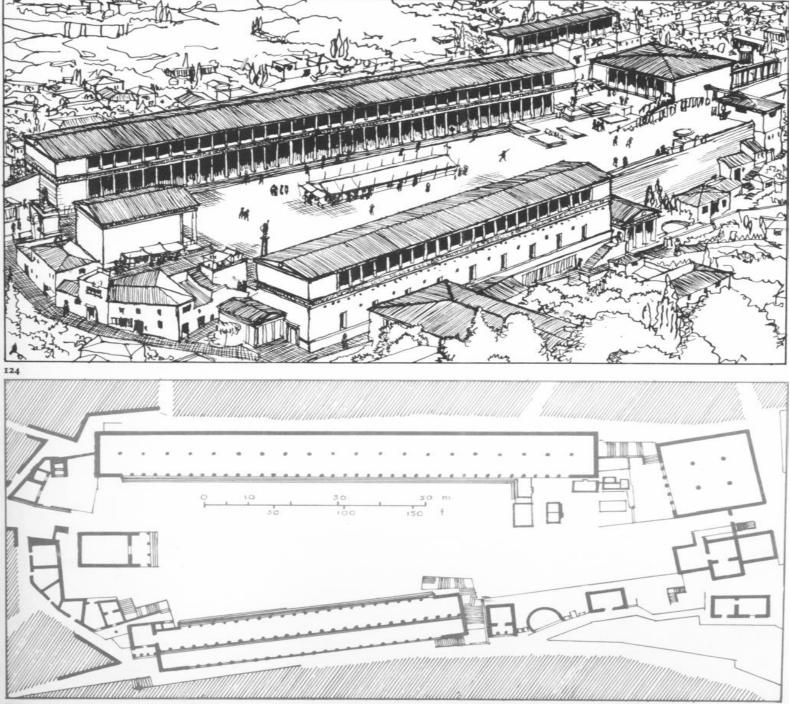
Civic Architecture – Prytaneum, Bouleuterion, Assembly Hall,

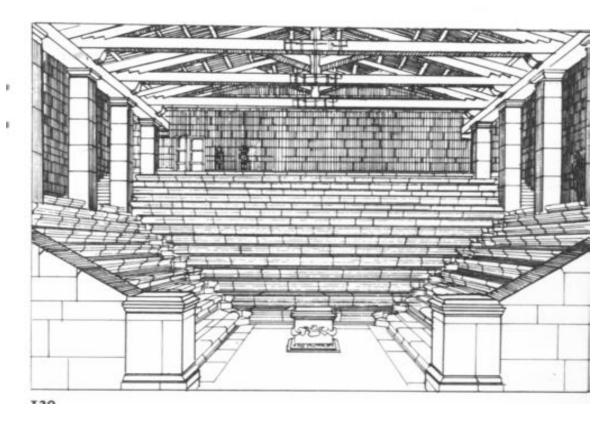
Agora – town square- centre – political, business, social life -open air public space Stoa – roofed promenade, monumental appeareance – 150M length





Prytaneum – inner council – Banqueting hall **Bouleuterion – Advisory** committee Assembly Hall – general use **Odeion – Musicals** Stadium – foot race-Olympia – 50,000 spectators Hippodrome – Horse, chariot racing Telesterion – hall of mysteries, magic





Bouleuterion – council house – Rectangular bldgs, banked seatings facing inwards on 3 sides, arranged in semicircle.

Seat -1200

House of Commons -London Theatre – built on the slopes of hill

Four parts –

- a segmental arrangement of tiered seats Auditorium – cavea –broad concentric belts – diazomata.
- 2. Circular orchestra –used by chorus –10-12' below-enclosed by portico, balustraded terrace.
- 3. Proscenium infront of
- 4. The skene –tangential to the orchestra –a backing –simple stage décor (dressing – actors, waiting area.

mental gateway whose pillare have



Foundations of the *tholos* building in the Asklepicion Way which led north from the gateway to the coastal town of ancient Epidaurus. At the

## **R**ECONSTRUCTION OF THE THEATRE

Parados

Surrounding the central *orchestra*, the north-facing *carea* (cavity) of the theatre is 114 m (374 ft) across and is divided into blocks by 36 staircases.

Proskenion

The orchestra, 20 m (66 ft) in diameter, is the stage on which the actors performed.

The top 21 / tiers were added in the Roman period.

A paved depression. 2 m (6 ft) wide, collected rainwater.

Diazoma (walkway) The lower 34 rows are original, dating to the 4th century BC.





OTV (loosening hor condel) f



ise painting preak from ies. The main Athens, which the early 6th z its high-quality es to every part thenian potters' still be visited of art in their own sest we can get to ancient Greeks Is of their houses. ould break during which they were number still sursembled pieces.



This 6th-century BC blackfigure vase shows pots being used in an everyday situation. The rases depicted are hydriai. It was the womens' task to fill them with water from springs or public fountains.

This kylix is being held by one handle by another womanfeaster, ready to flick out the dregs at a kottabos target

Eve cubs

were given

an almost

magical power by

the painted eyes. The

pointed base suggests

that they were passed

around during feasting

The rhyton, such as this one in the shape of a ram's bead, was a drinking vessel for watereddown wine. The scene of the symposion around the rim indicates when it would bave been used.

> This drinker holds aloft a branch of a vine. symbolic of Dionysos's presence at the party.

> > Striped cushions made reclining more comfortable.

> > > The drinking horn

shape was copied in

the pottery rhyton.

with their wine

vertical for bolding and pouring, two borizontal for lifting.

vary in height from 3 cm (1 in) to nearly 1 m (39 in). It was used to bold oil both in the bome and as a funerary gift to the dead.



The kylix a two-handled drinking cup, was one shape that could take interior decoration.

aked woman holding a kylix bably a flute-girl or prostitute.

#### thos was

atury BC re usually eral scenes. be Achilles a grave

#### ION

of mostly ad drinkccasions for ie of e exterior ury BC ions of men adv to flick a target.



body of the dead

The geometric Chariots and design is a protowarriors form the type of the later



Greek-key

Black-figure style was first used in Athens around 630 BC. The figures were painted in black liquid clay onto the iron-rich clay of the vase which turned orange uben fired. This vase is signed by the potter and painter Exekias.

Red-figure style was

introduced in c.530 BC The figures were left in the colour of the clay. silbouetted against a black glaze. Here a woman pours from an oinochoe (wine-jug)

The ampbora was a twobandled vessel used to store wine, olive oil

and foods preserved in liquid such as olives. It also beld dried foods.

This krater with curled bandles or "volutes" is a wide-mouthed vase in which the Greeks mixed water before drinking it.

> The hydria was used to carry water from the fountain. Of the three bandles, one was

The lekythos could







### VASE SHAPES

Almost all Greek vases were made to be used; their shapes are closely related to their intended uses. Athenian potters had about 20 different forms to choose from. Below are some of the most commonly made shapes and their uses.