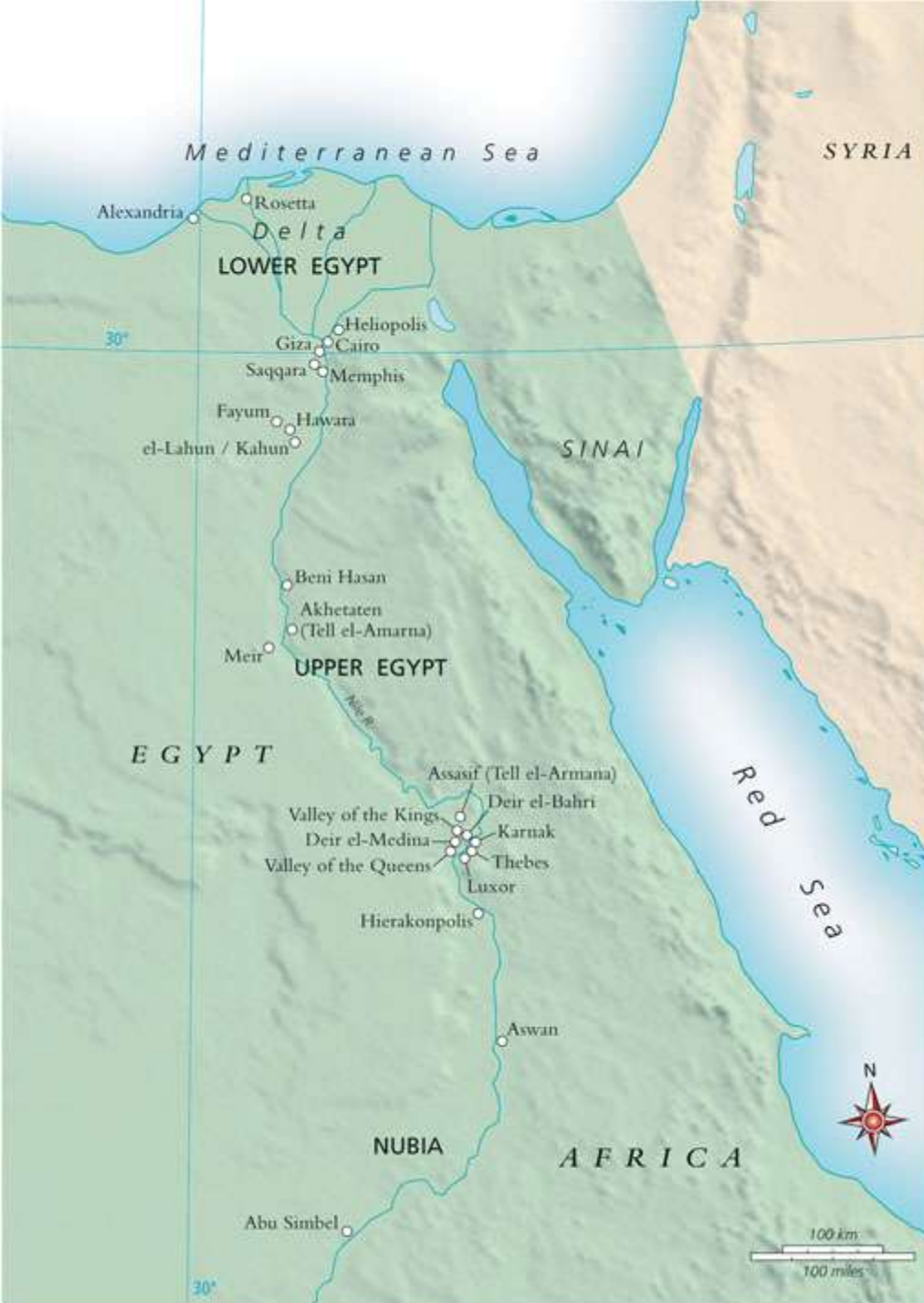
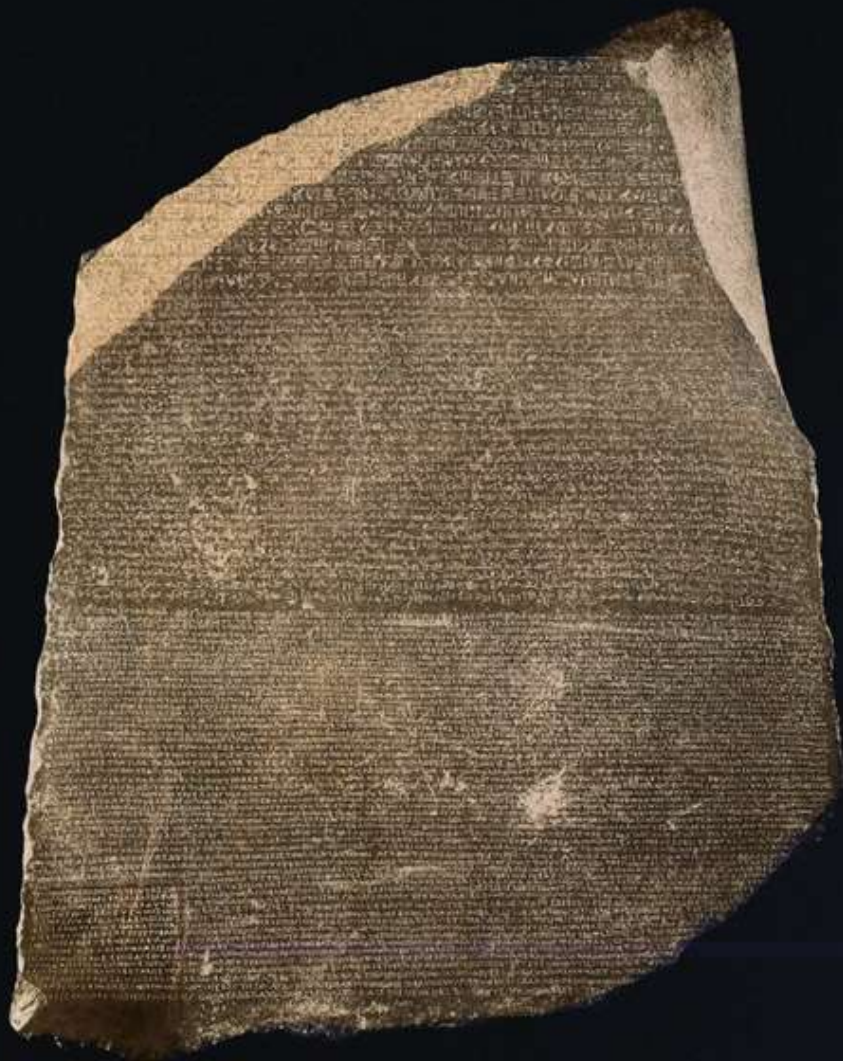







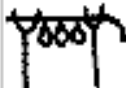












Lecture 5: Ancient Egypt Architecture to Die For . . .



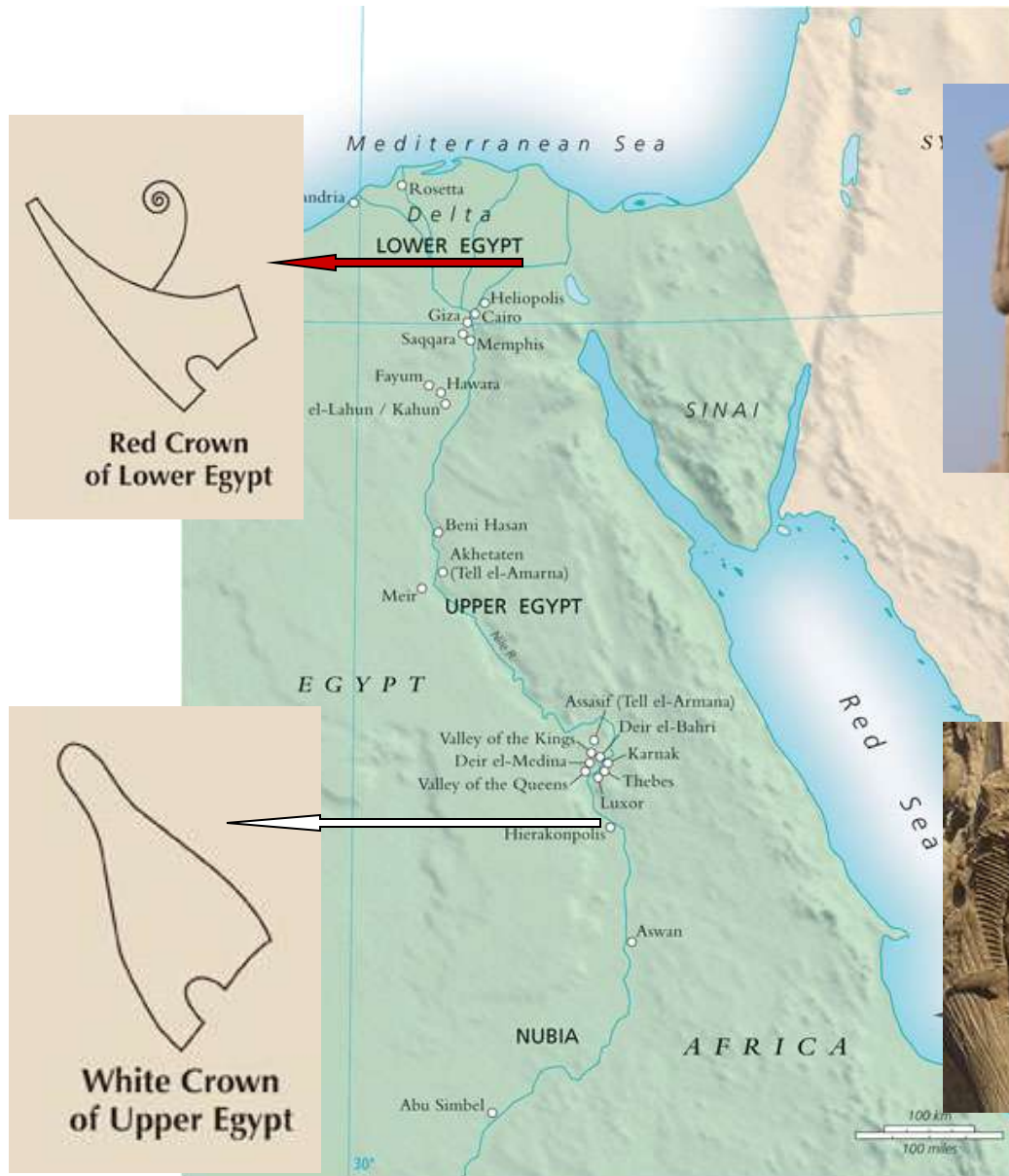
Ancient Egypt ca. 3000-30 B.C.E



The Rosetta Stone

Examples of Hieroglyphics				grain	
	king		boat, ship navigation		vine, fruit, garden
	eat, drink speak, think, feel		air, wind, sail		fire, heat, cook
	mummy, likeness, shape		in, from, as with (of instrument)		live, life
	move backwards		goddess, queen		calf
	snake, worm		enemy, death		envelop, embrace

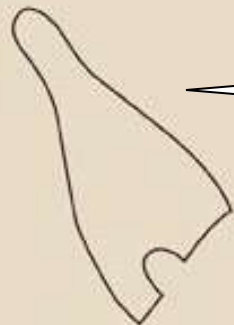
papyrus



Red Crown
of Lower Egypt



Double Crown
of unified Egypt



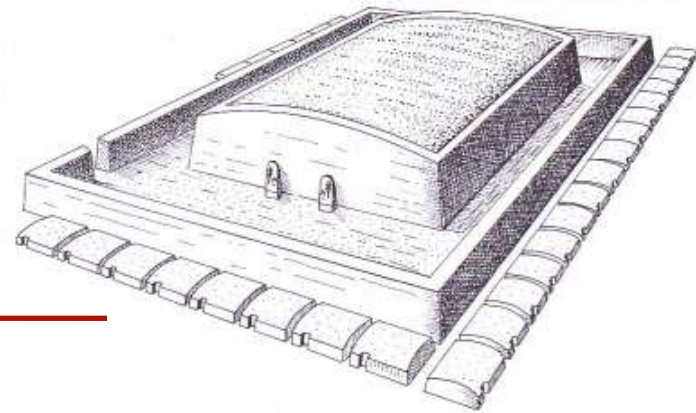
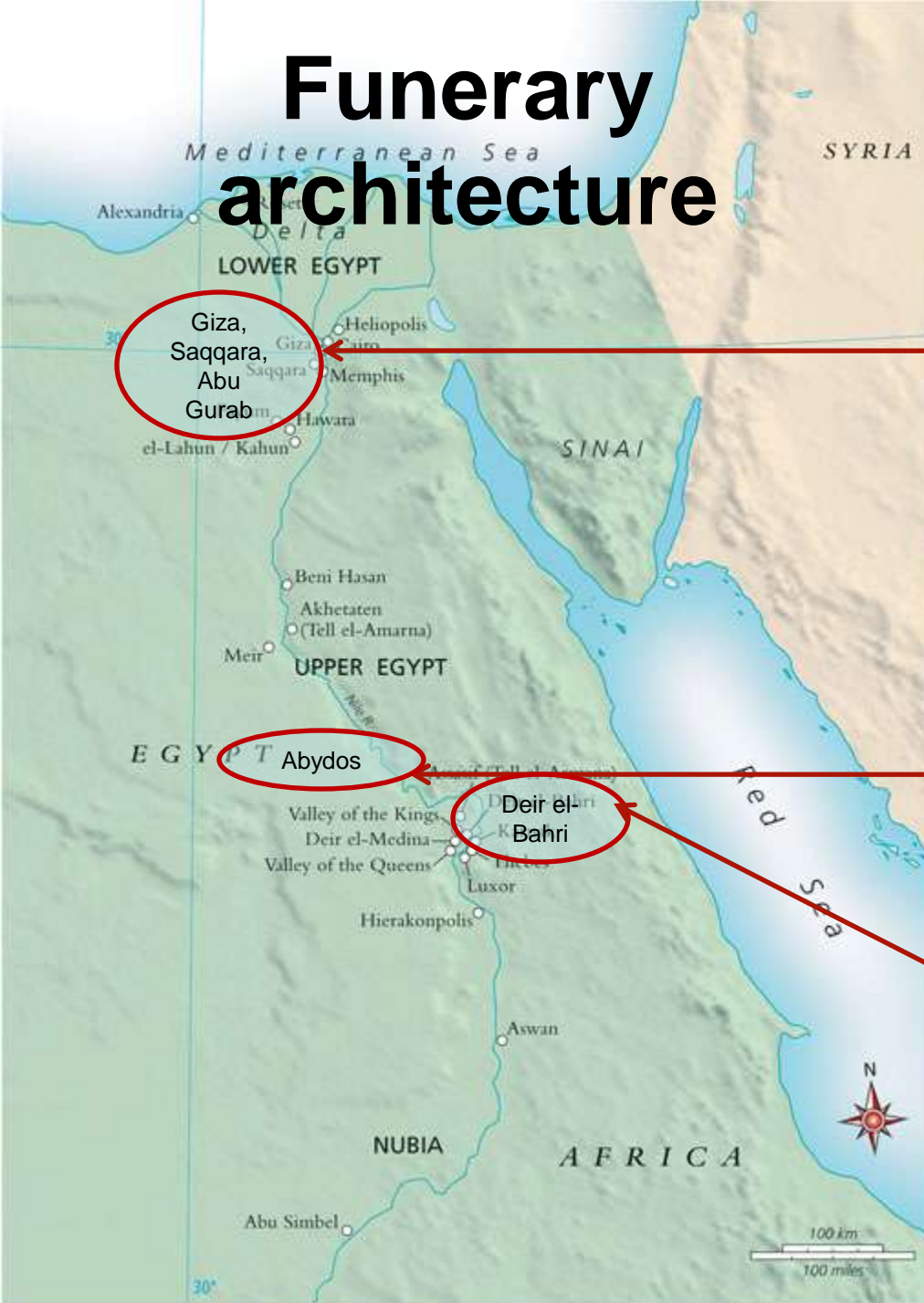
White Crown
of Upper Egypt

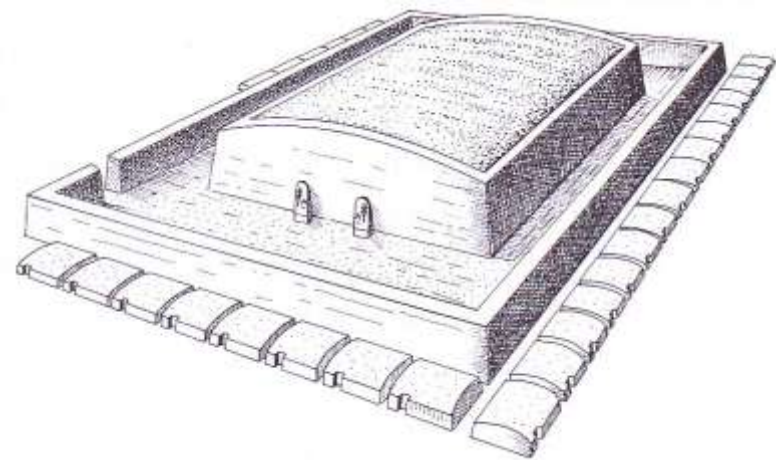


lotus

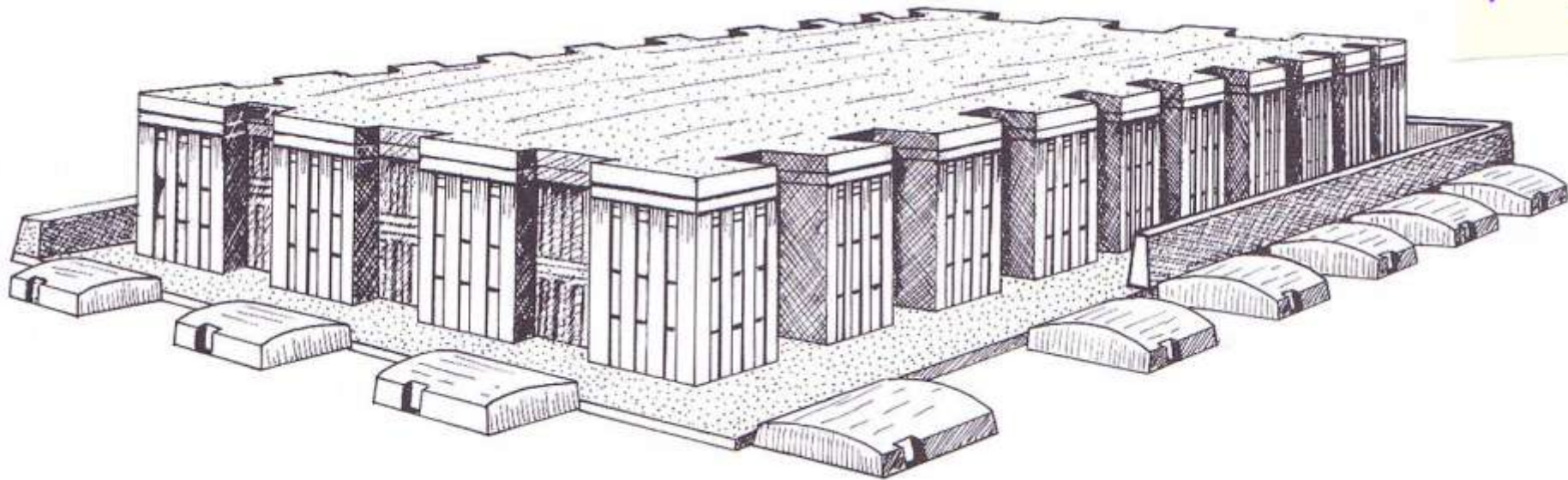
Early Dynastic Period (2950 -2575 B.C.E)

Funerary architecture

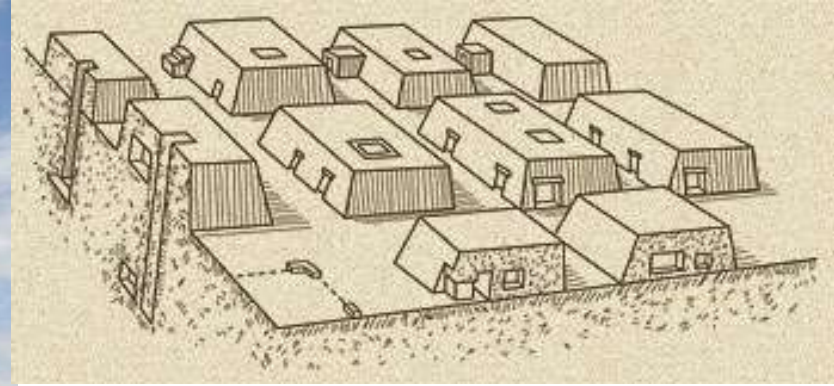




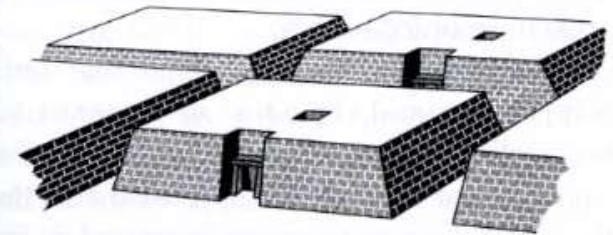
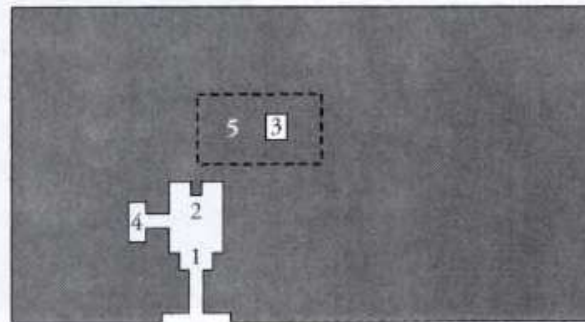
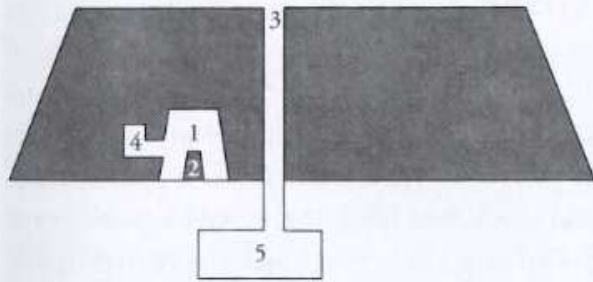
Mastaba tomb, Abydos



Mastaba tomb of queen Merneith, Saqqara, ca. 2900 BCE

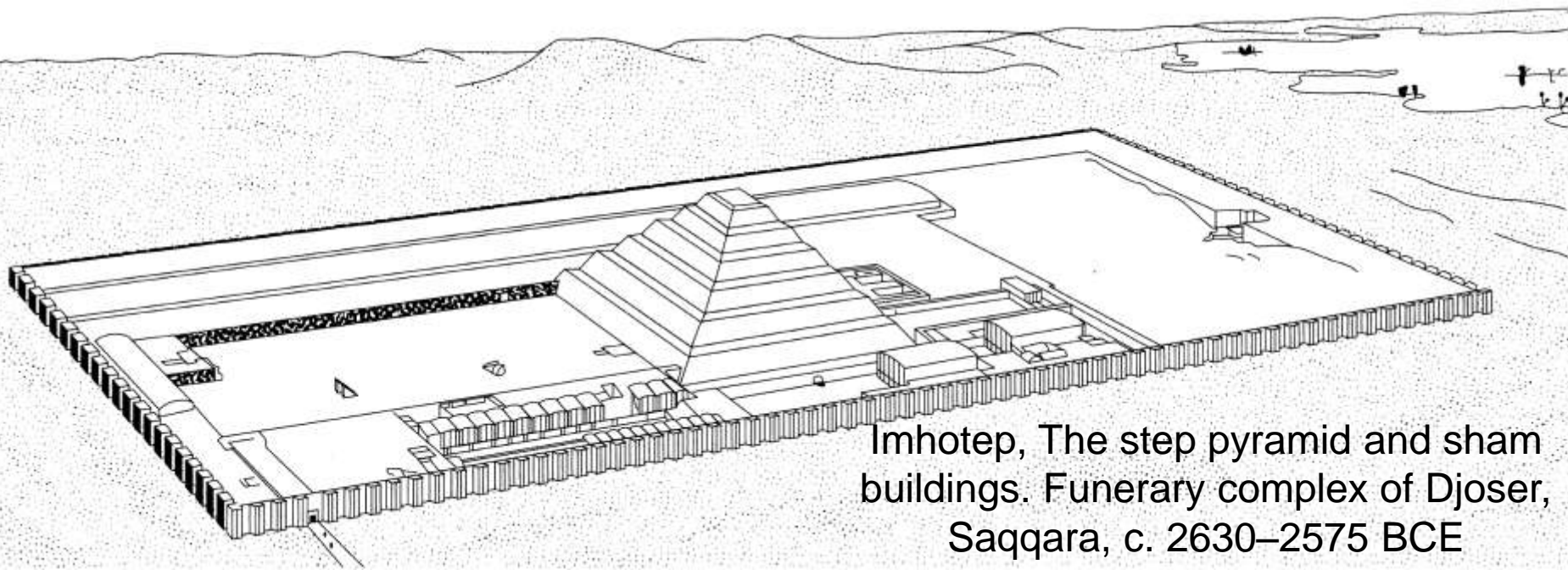


Mastaba – necropolis



1. Chapel 2. False door 3. Shaft into burial chamber 4. Serdab (chamber for statue of deceased) 5. Burial chamber

Early Dynastic Period

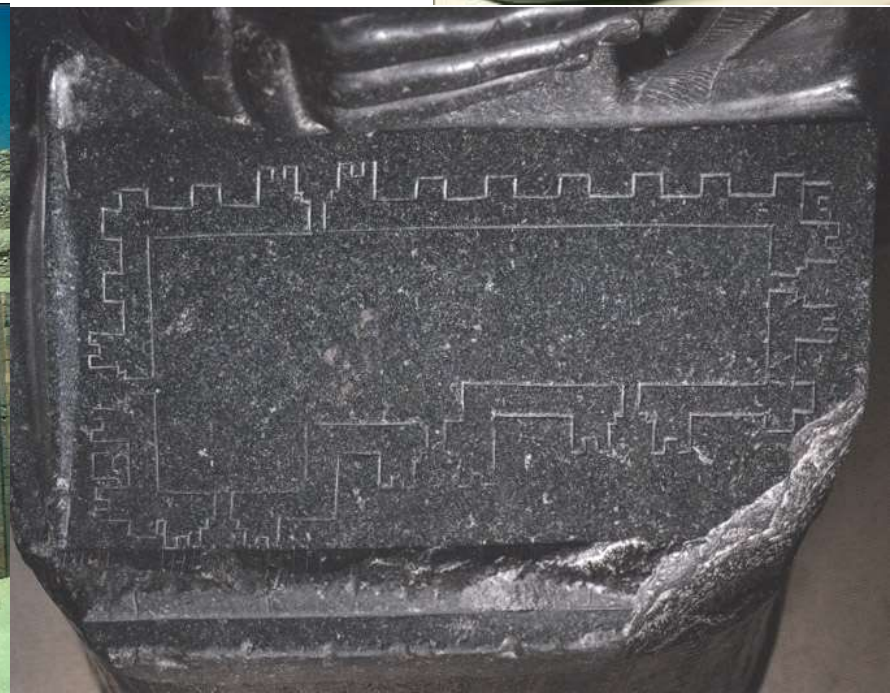
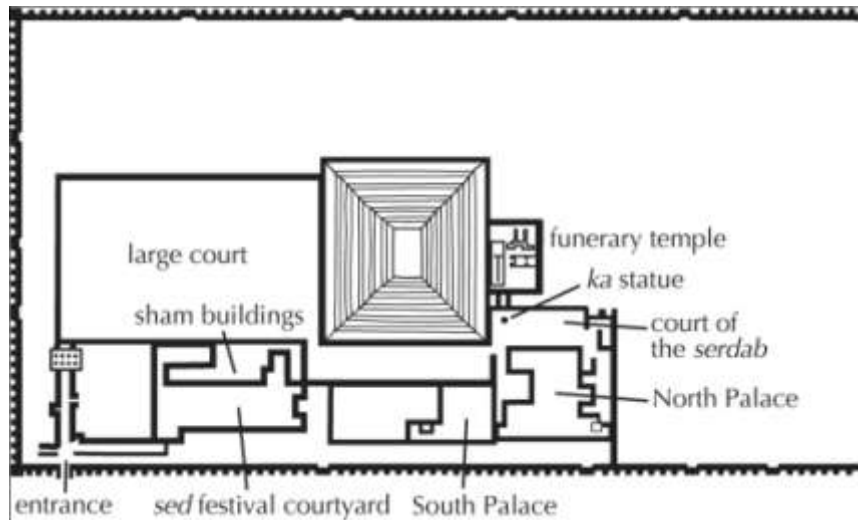


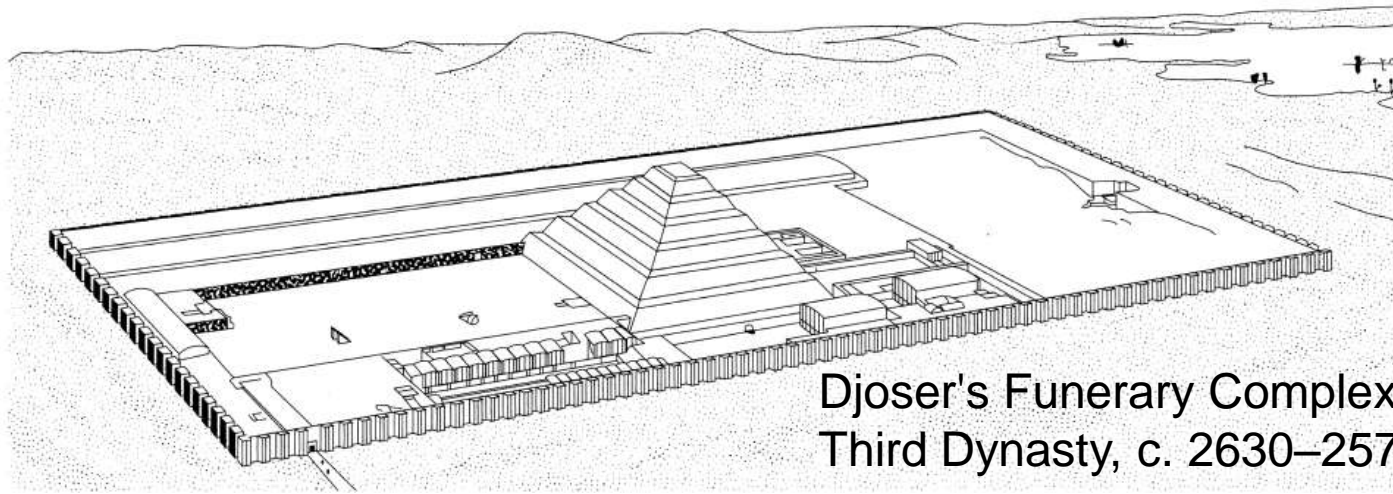
Imhotep, The step pyramid and sham buildings. Funerary complex of Djoser, Saqqara, c. 2630–2575 BCE

Imhotep from Louvre

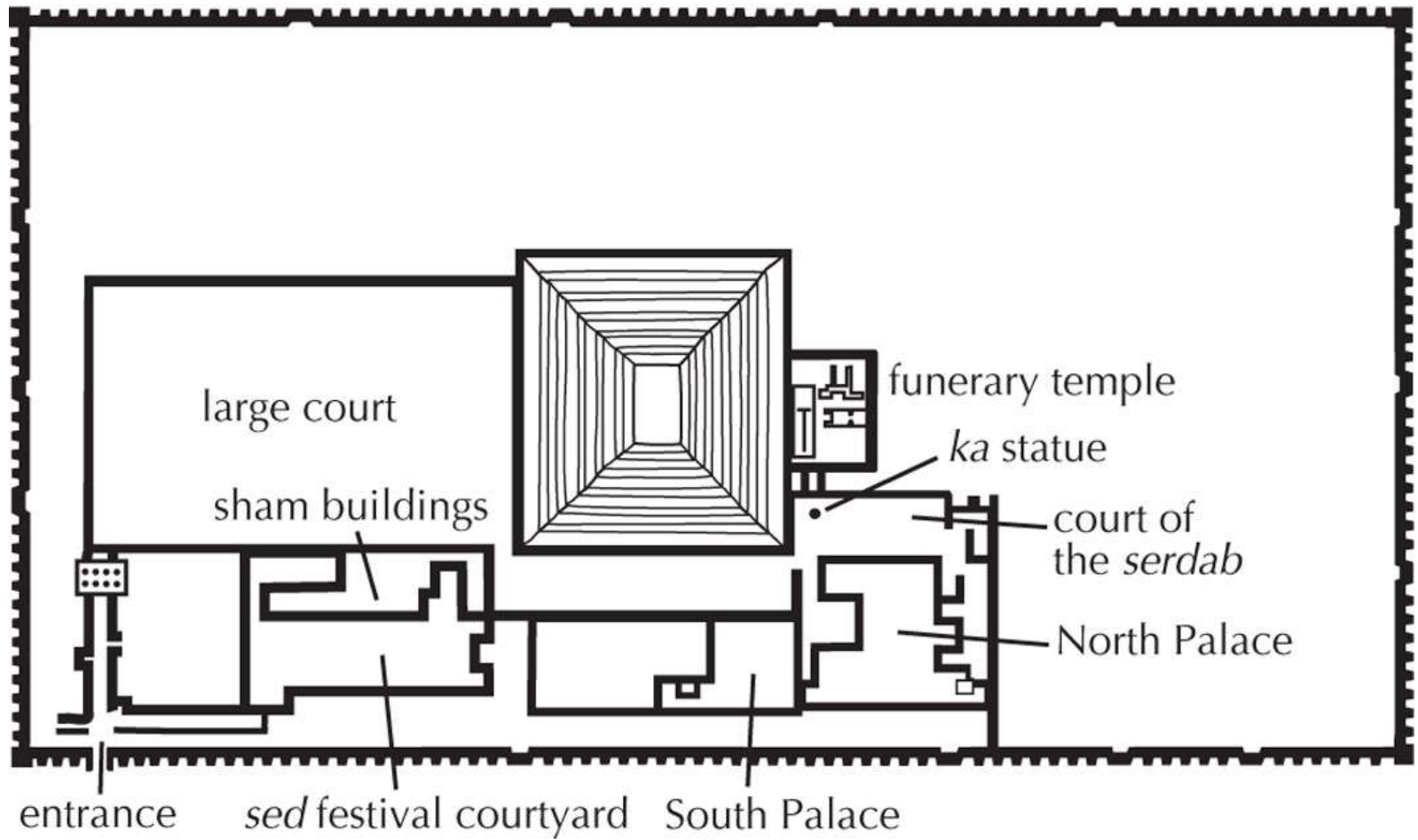


Seated statue of Gudea holding a temple plan, from Girsu (modern Telloh), Iraq, ca. 2100 BCE.

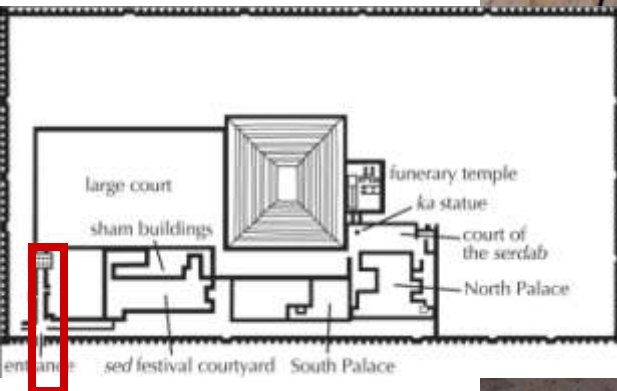


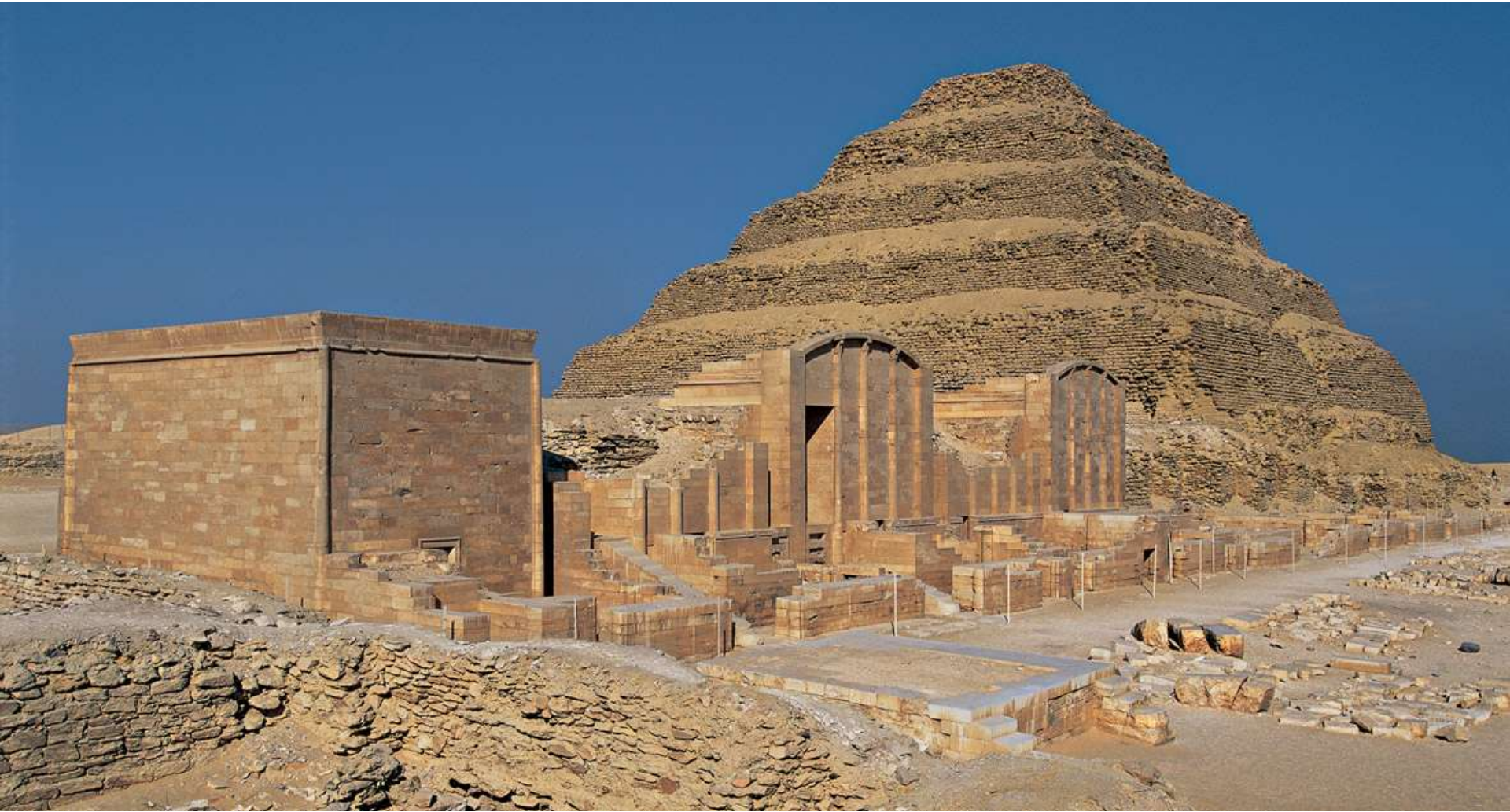


Djoser's Funerary Complex, Saqqara,
Third Dynasty, c. 2630–2575 BCE

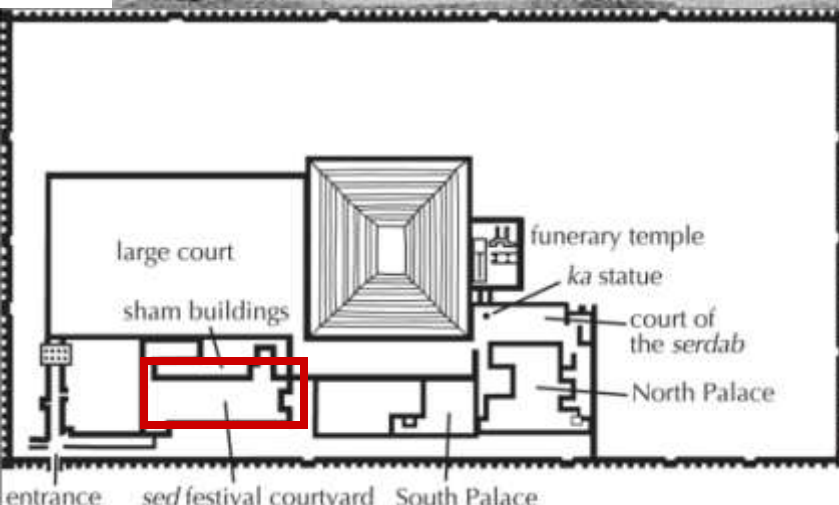
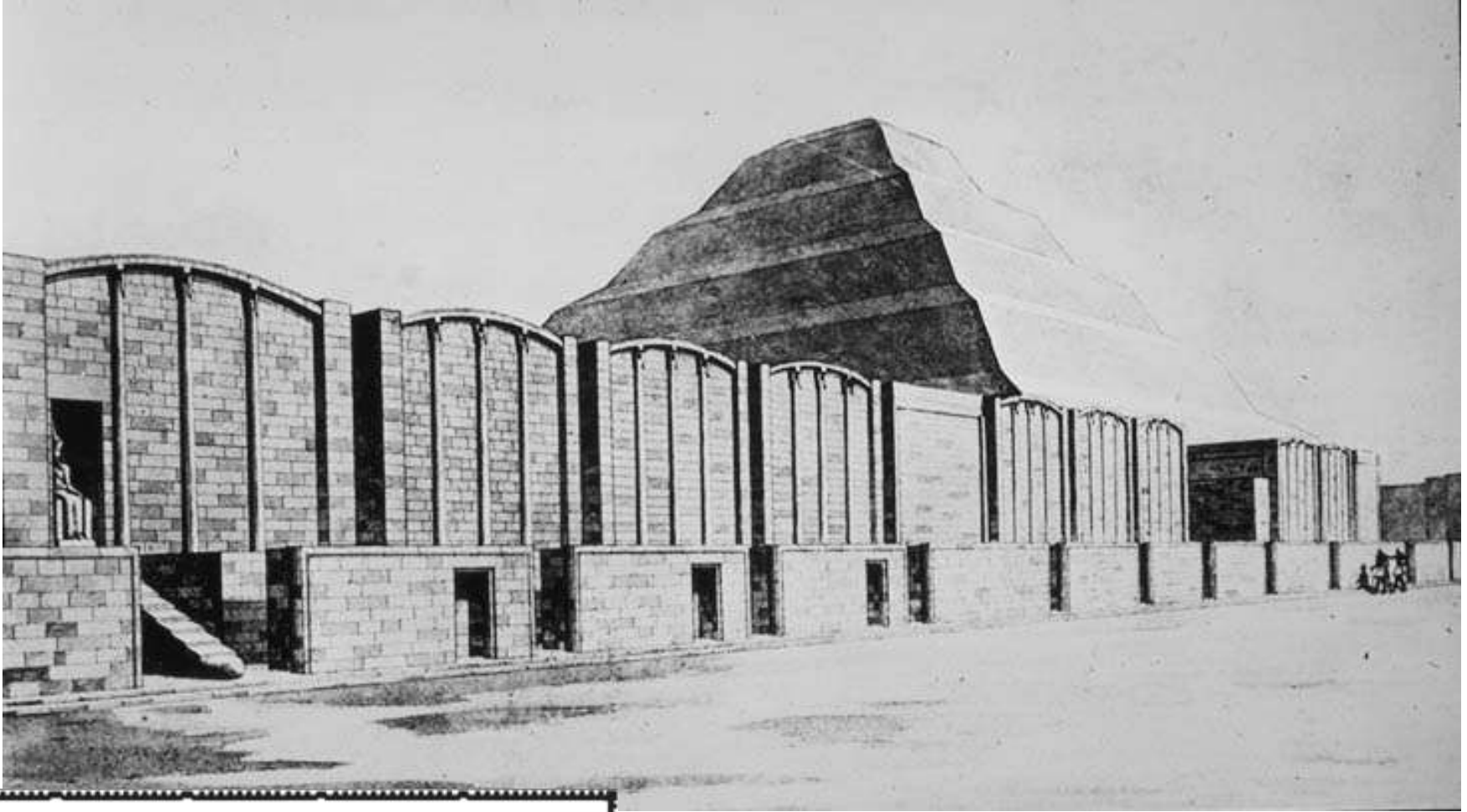


Columnar
entrance corridor
to the mortuary
precinct of Djoser,
Saqqara, Egypt,
Dynasty III, ca.
2630–2611 BCE.

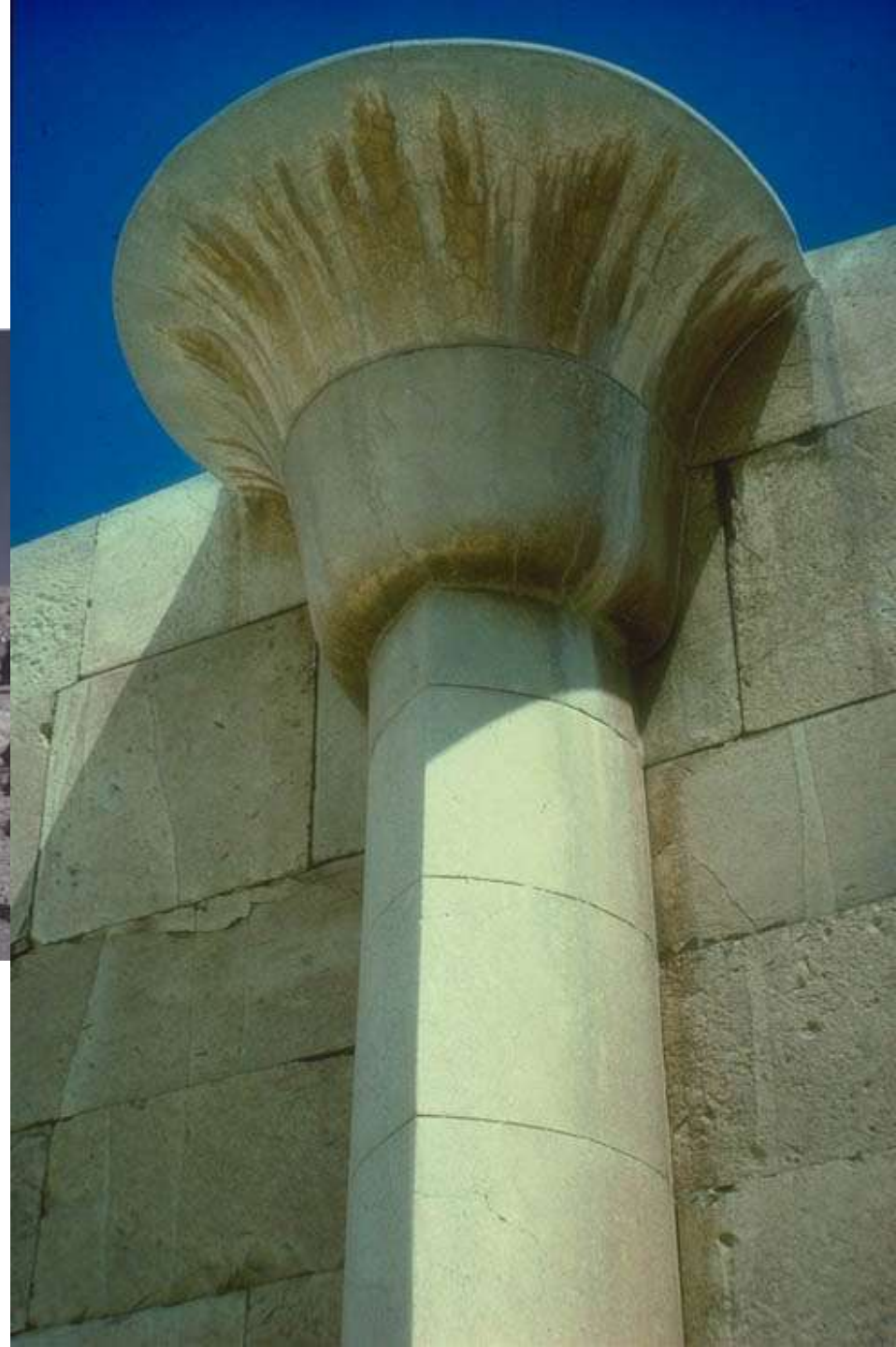




Imhotep, The step pyramid and sham buildings. Funerary complex of Djoser, Saqqara,
c. 2630–2575 BCE
height of pyramid 204' (62 m); material limestone



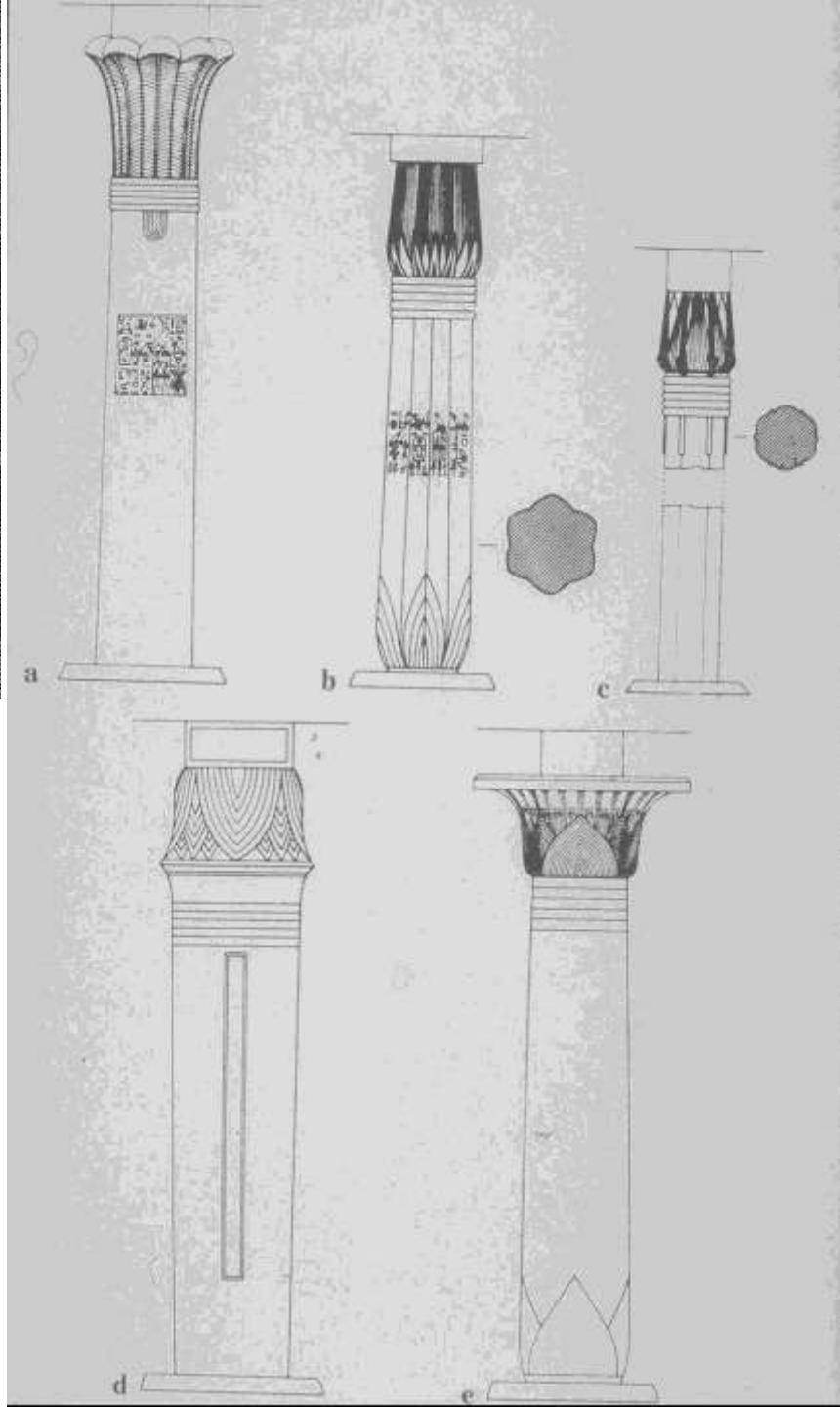
The step pyramid, sham buildings and Heb-Sed (Jubilee) pavilion. Funerary complex of Djoser, Saqqara - RECONSTRUCTION

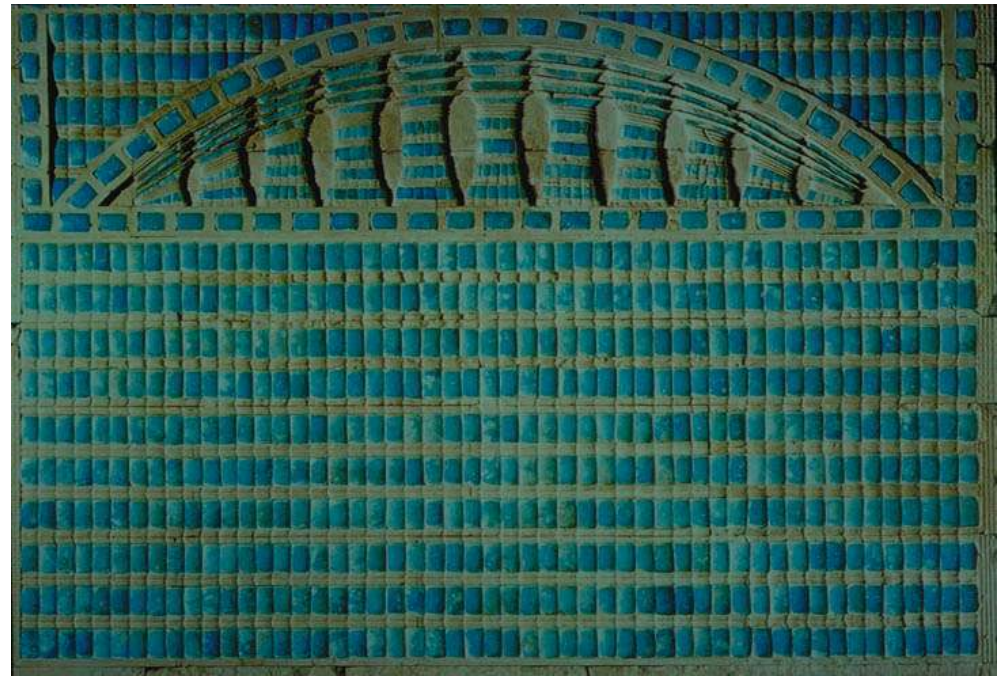
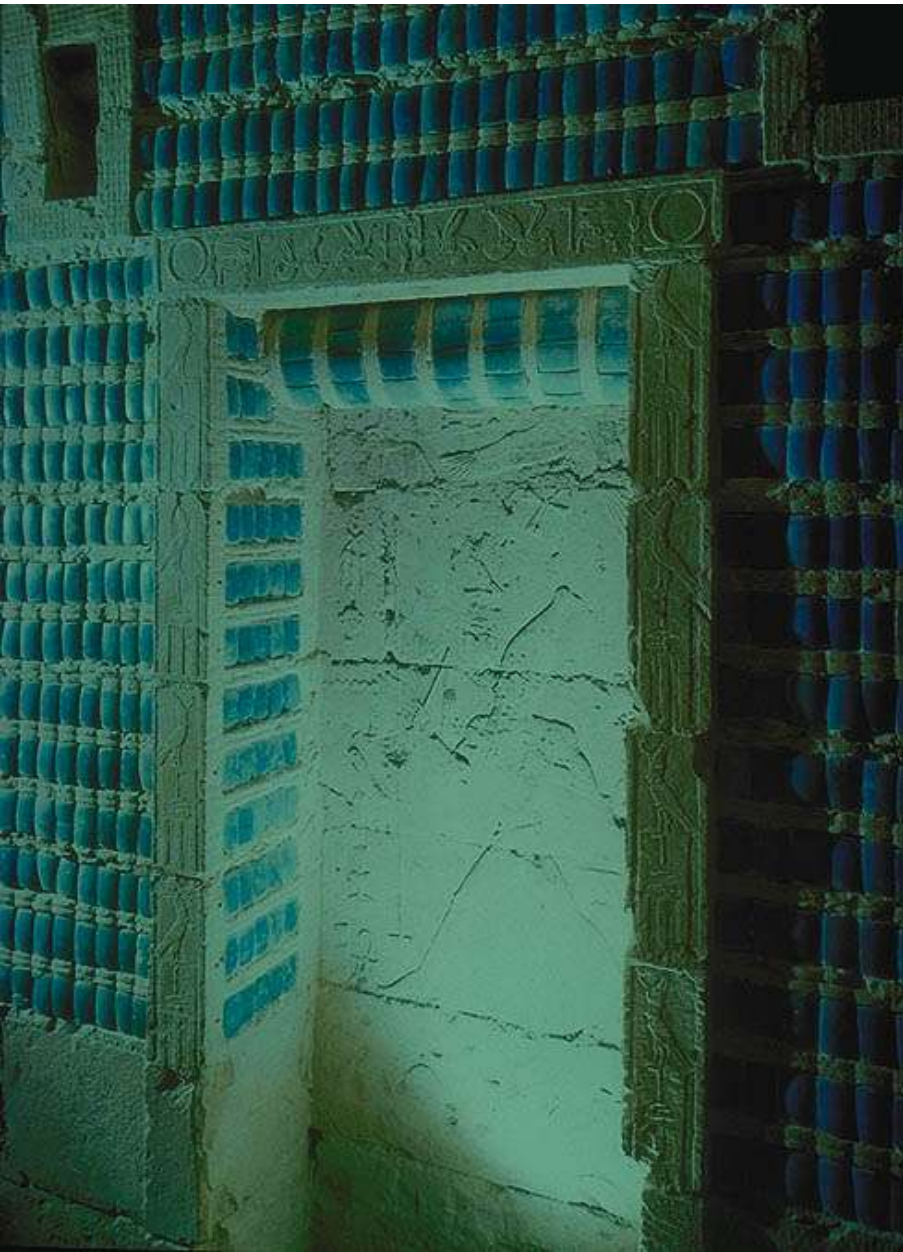


Papyrus pillars, Djoser's Funerary Complex, Saqqara, Third Dynasty, c. 2630–2575 BCE

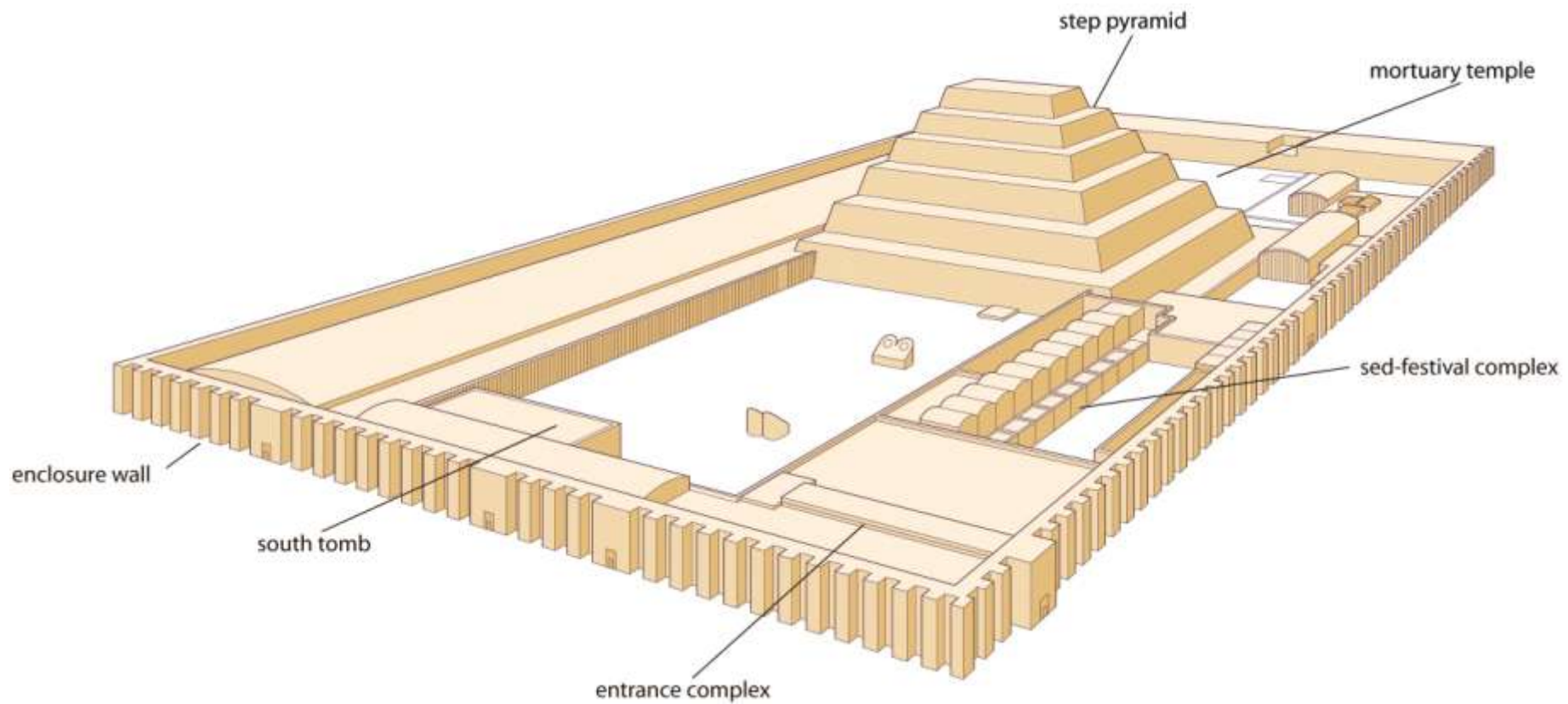


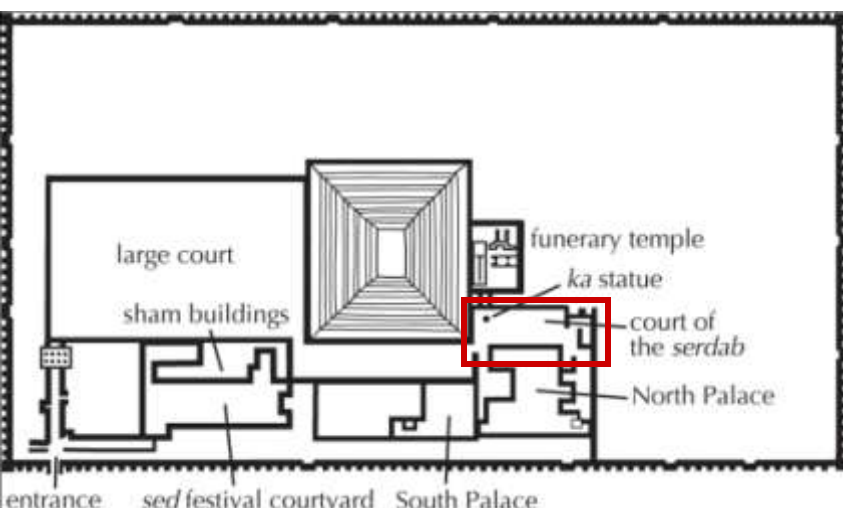
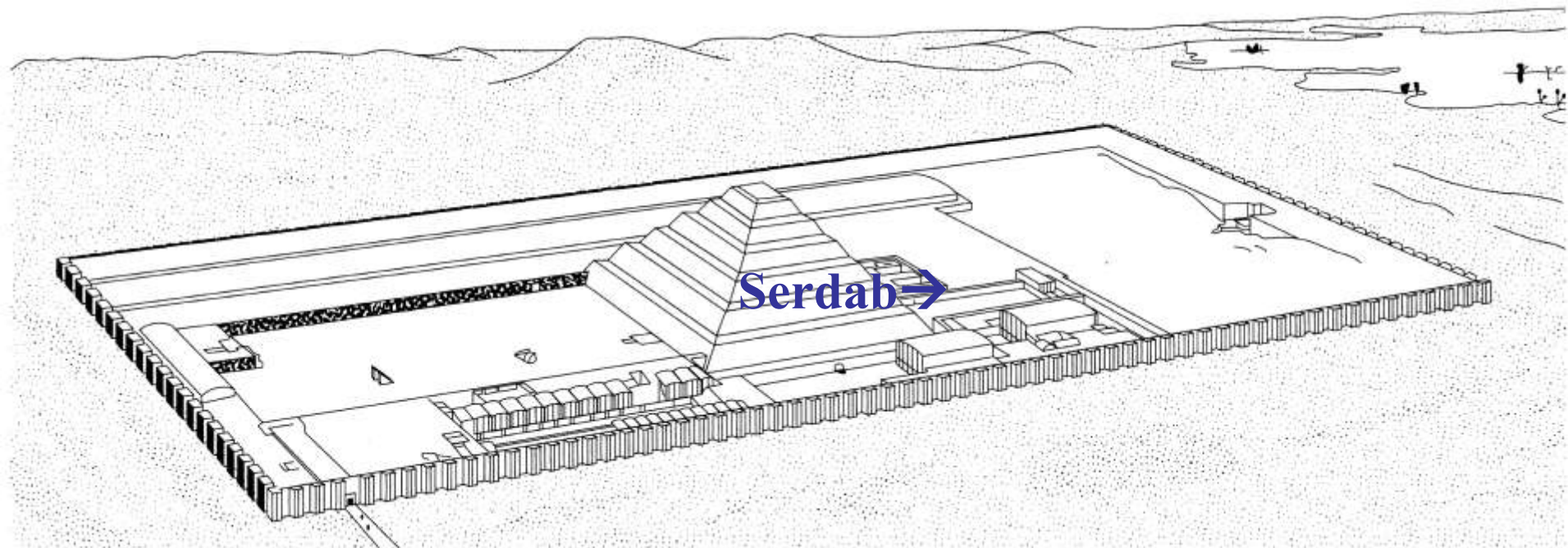
Various types of Egyptian columns
inspired by local traditions and local
materials





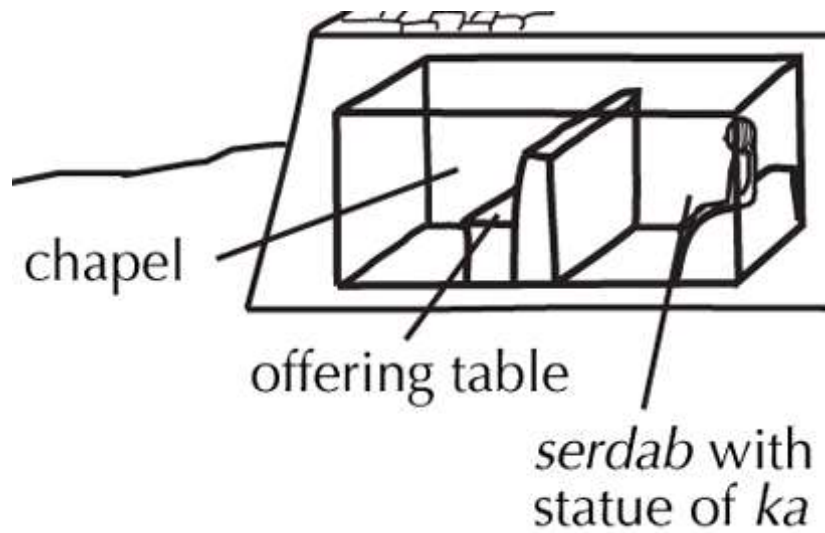
Glazed tiles and interior decoration of
sham buildings





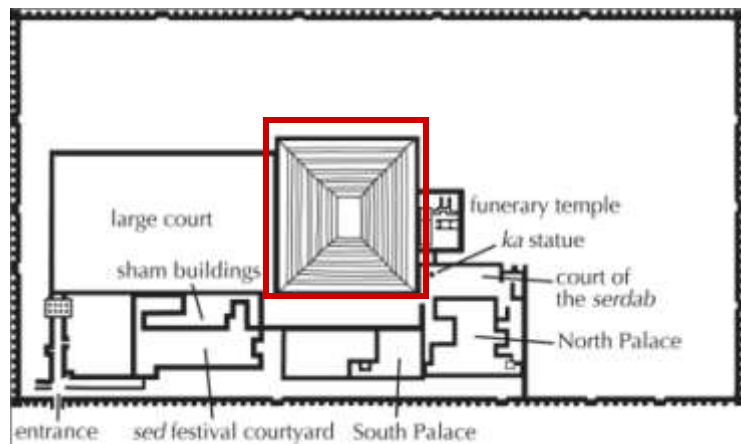
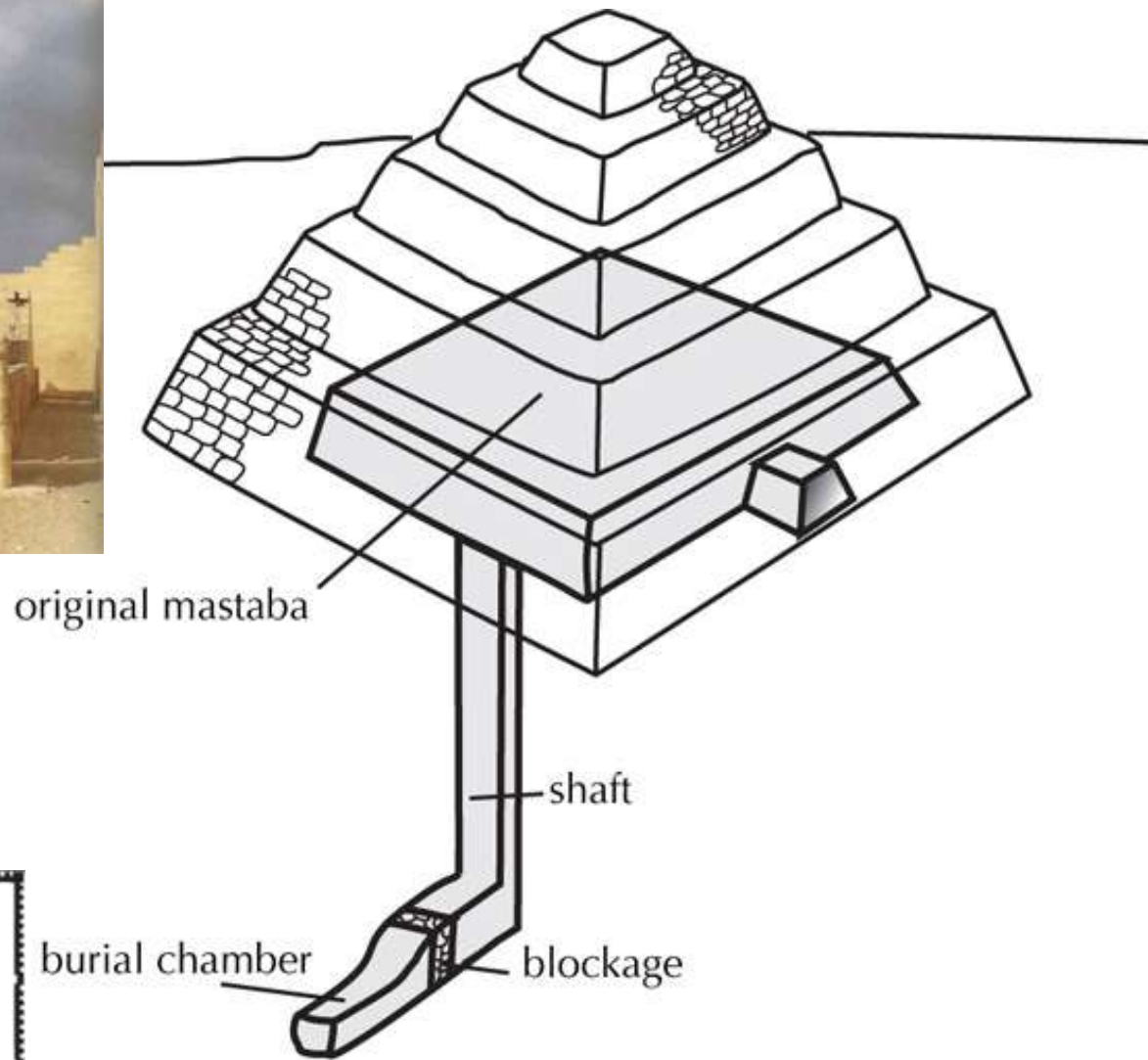
SERDAB





Offering chamber at base of northeast corner of pyramid 3rd Dynasty





stepped pyramid

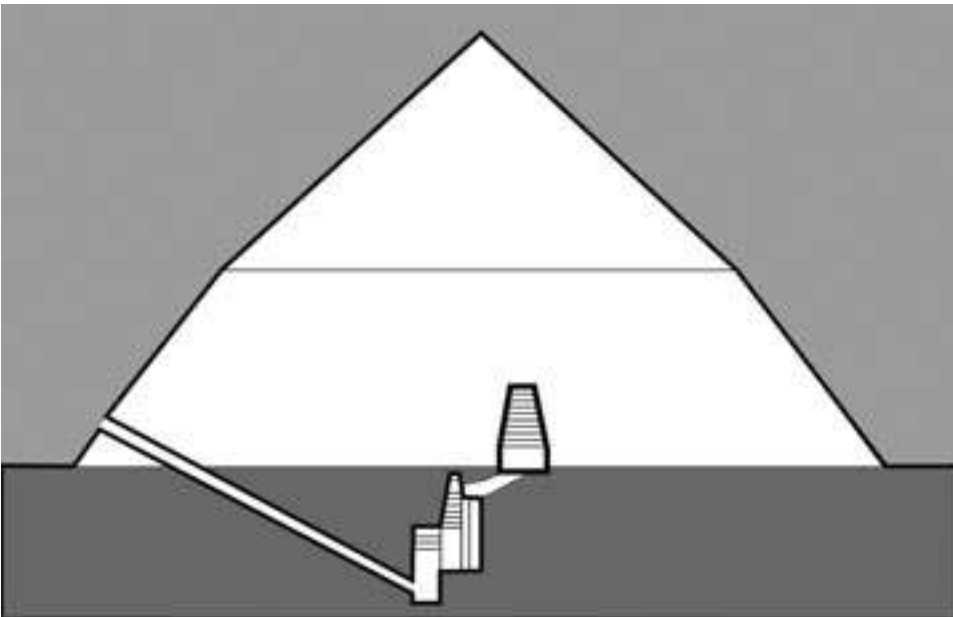
**Stepped Pyramid of Djoser,
Saqqara, c. 2667–2648 BCE**



Old Kingdom



Great Pyramids – Menkaure (Mycerinus), Khafre (Chephren), and Khufu (Cheops), 4th Dynasty, c. 2575–2450 BCE, Giza, Egypt



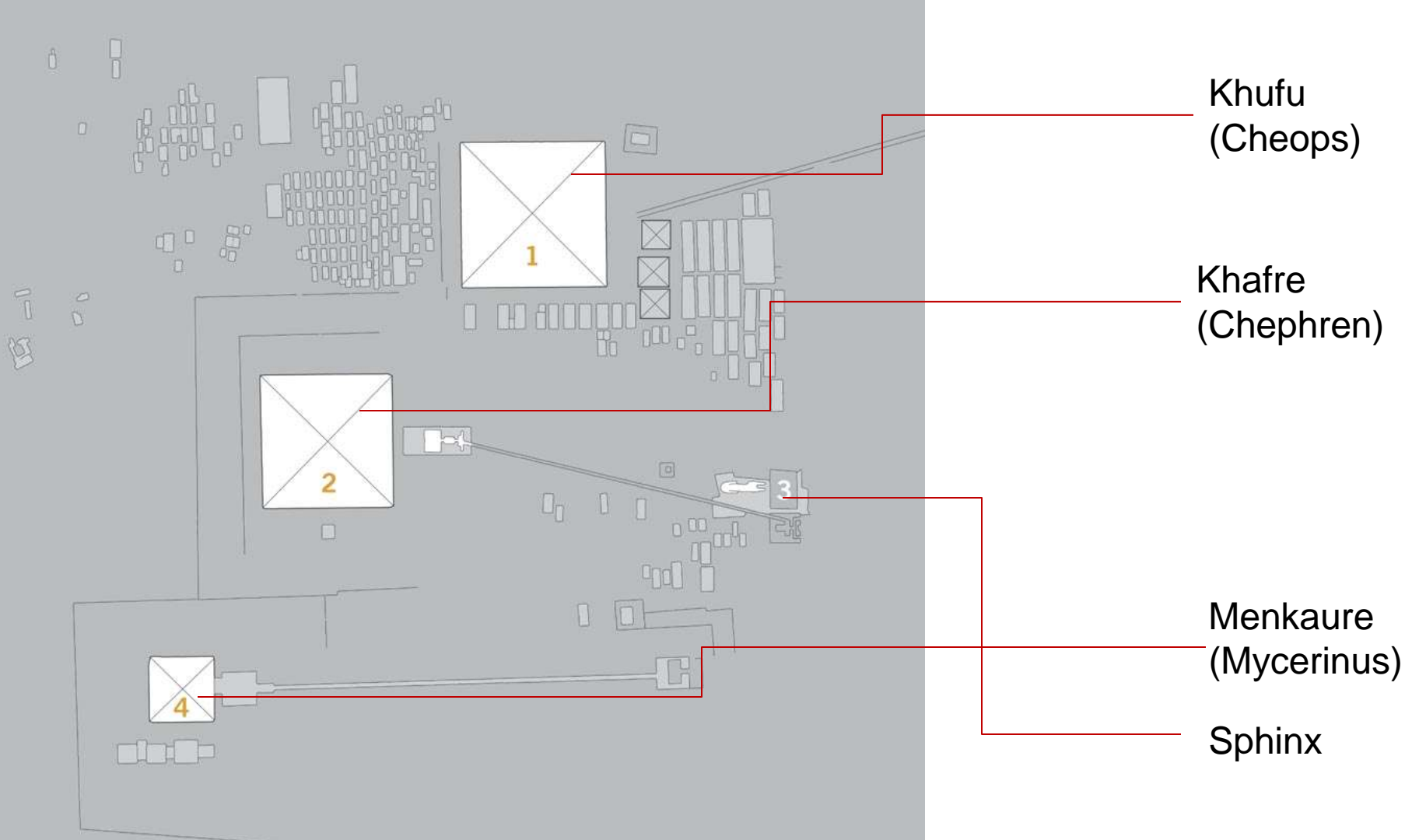
Sneferu's (Menetho's) bent pyramid,
4th Dynasty, c. 2550 BCE, Medium,
Egypt



Great Pyramids – Menkaure (Mycerinus), Khafre (Chephren), and Khufu (Cheops), 4th Dynasty, c. 2575–2450 BCE, Giza, Egypt



Great Pyramids – Menkaure (Mycerinus), Khafre (Chephren), and Khufu (Cheops), 4th Dynasty, c. 2575–2450 BCE, Giza, Egypt

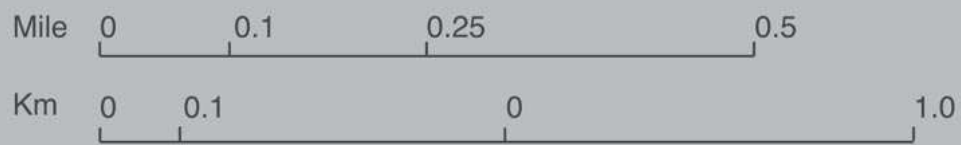


Khufu
(Cheops)

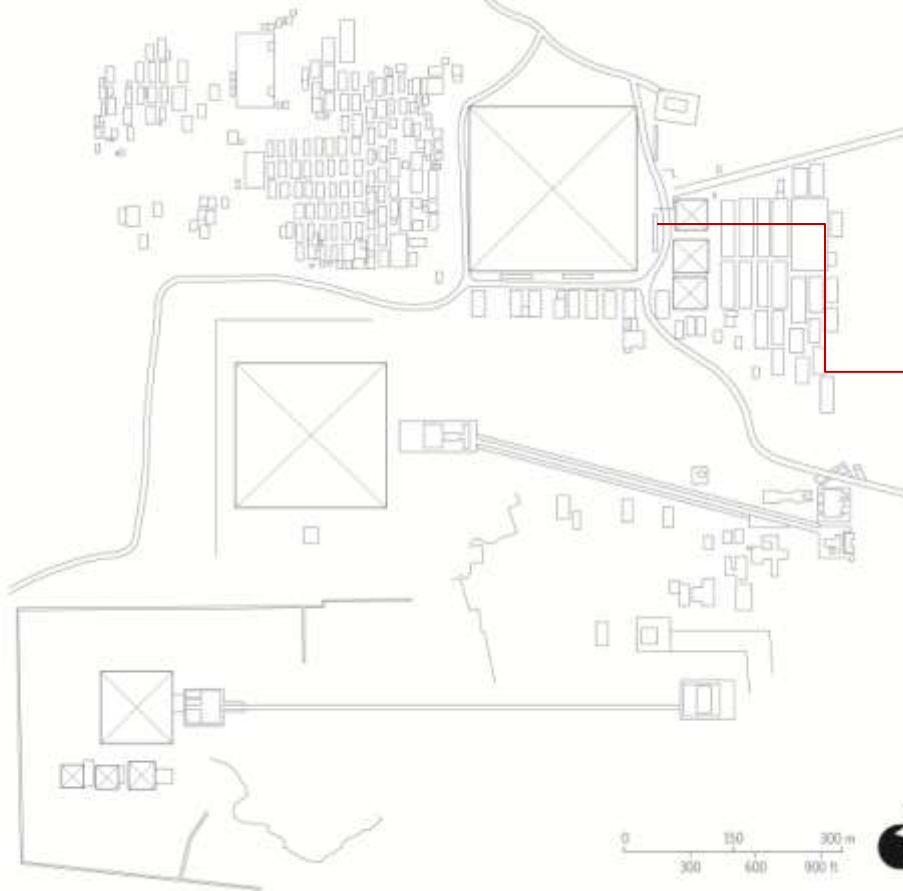
Khafre
(Chephren)

Menkaure
(Mycerinus)

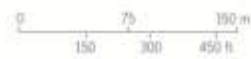
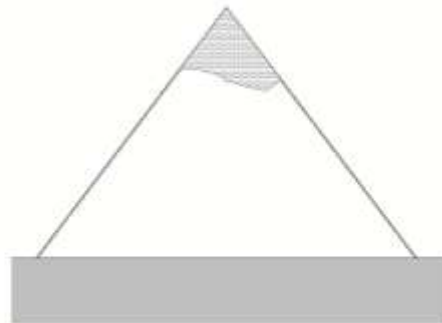
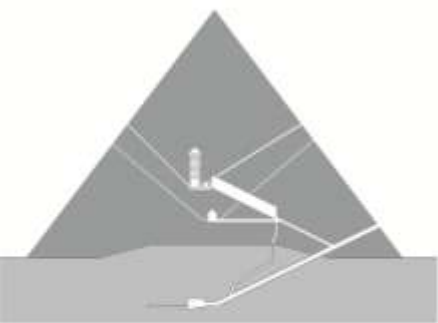
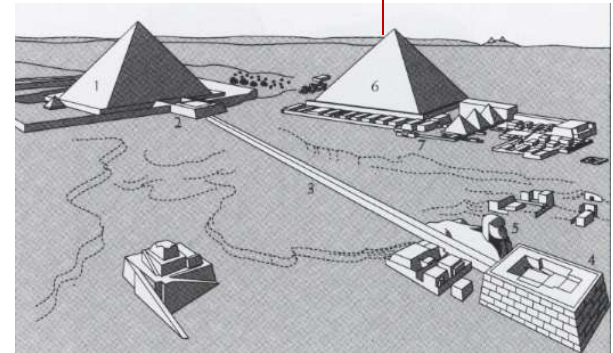
Sphinx



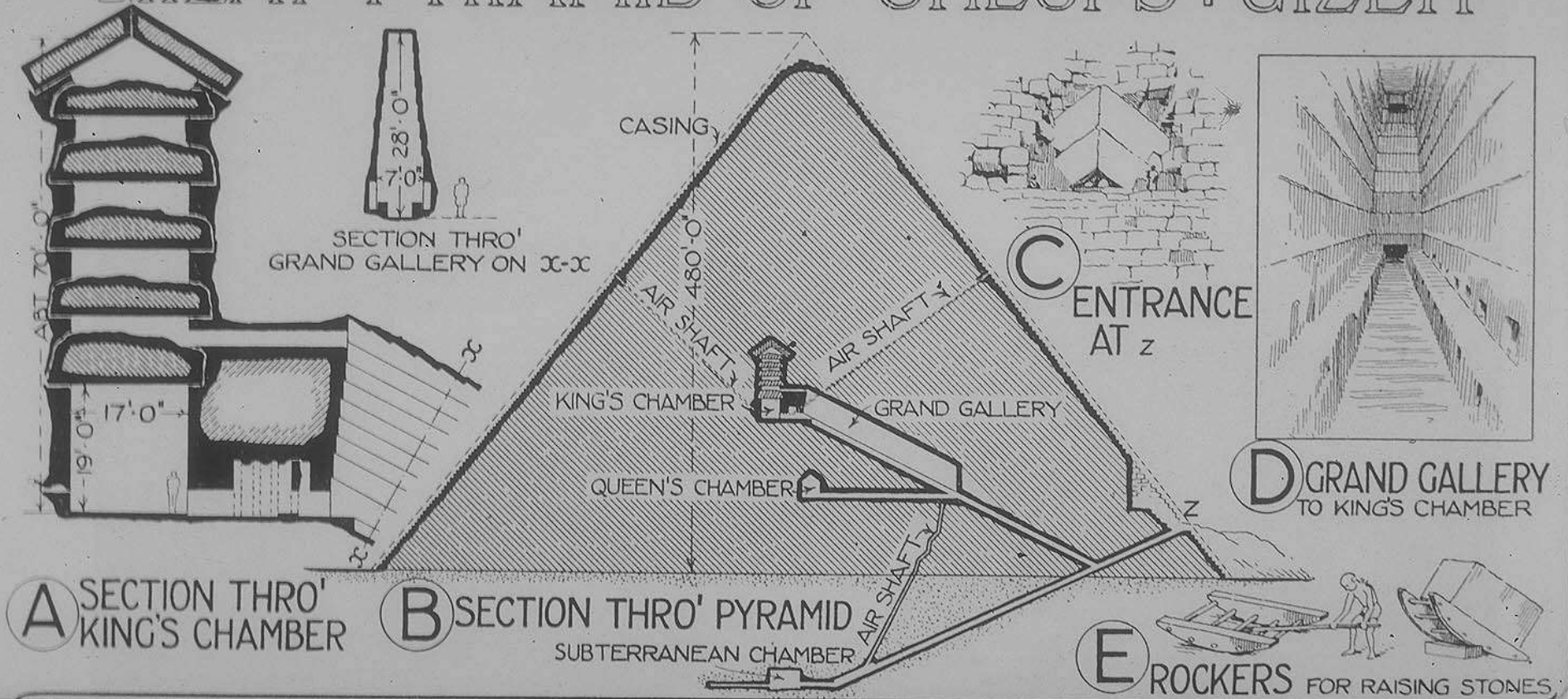
Great Pyramids, Giza, Egypt
4th Dynasty,
c. 2575–2450 BCE



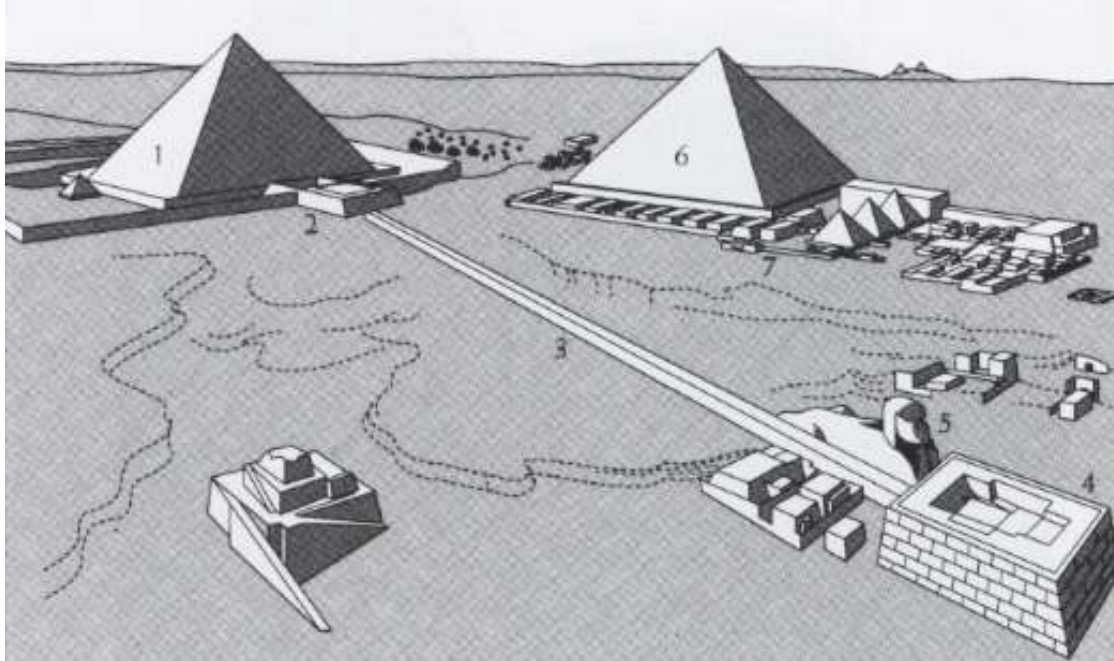
The Great Pyramid of Khufu
c. 2600 BCE



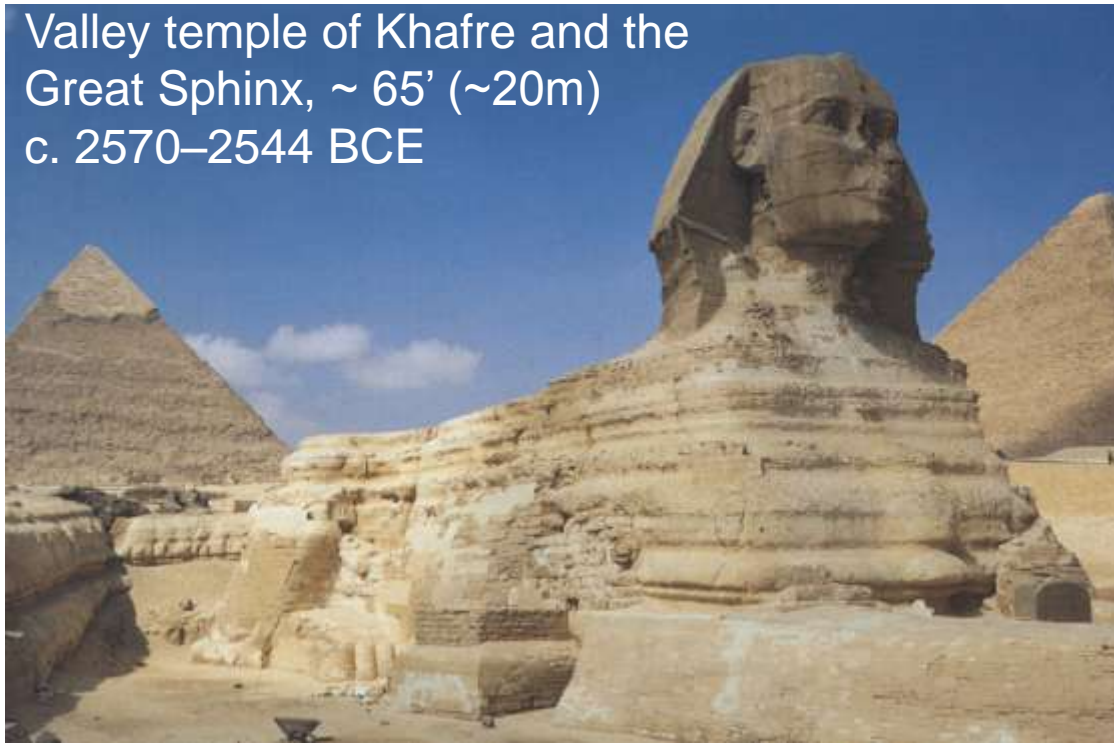
GREAT PYRAMID OF CHEOPS : GIZEH



The Great Pyramid of Khufu
c. 2600 BCE

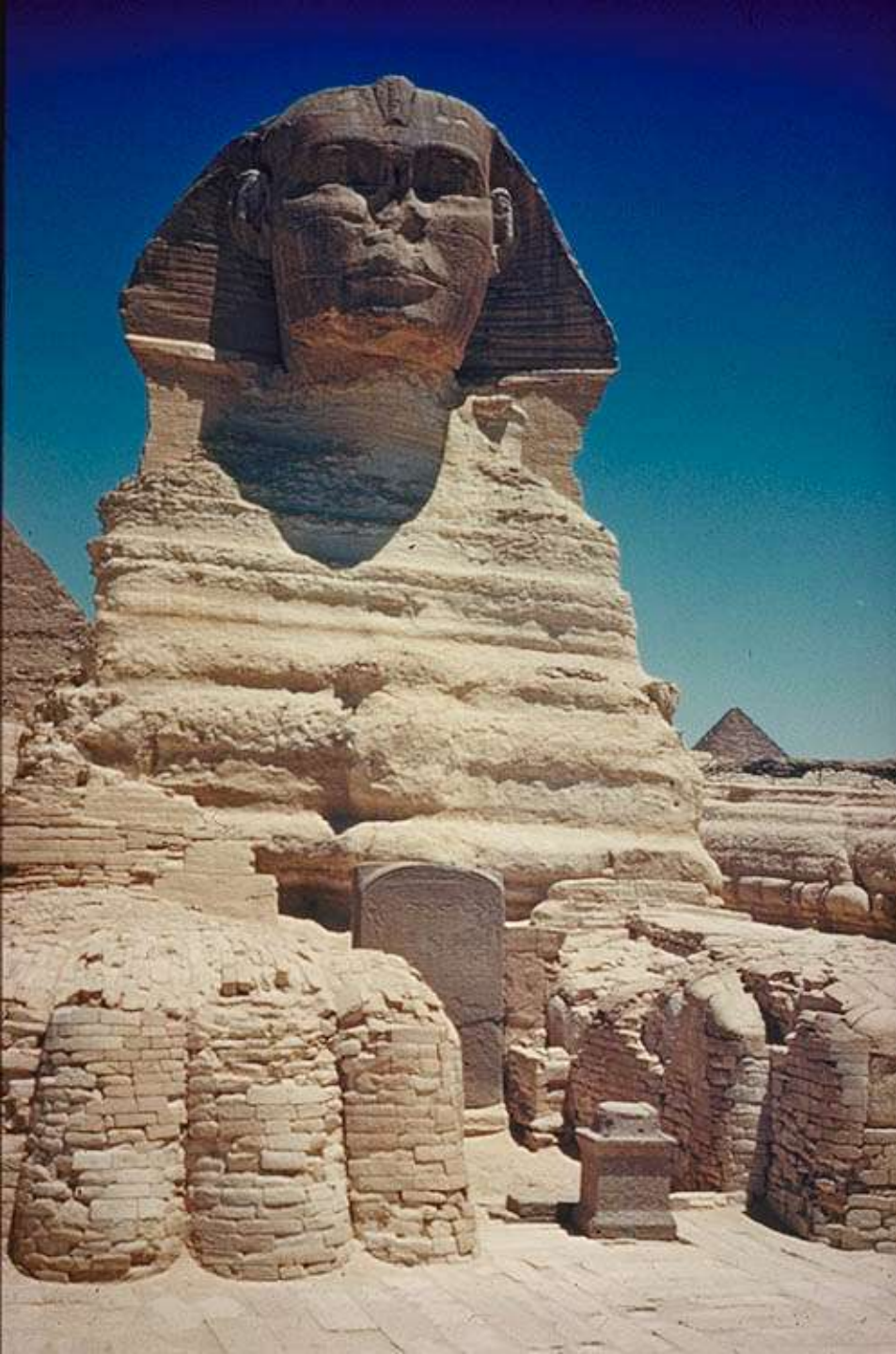


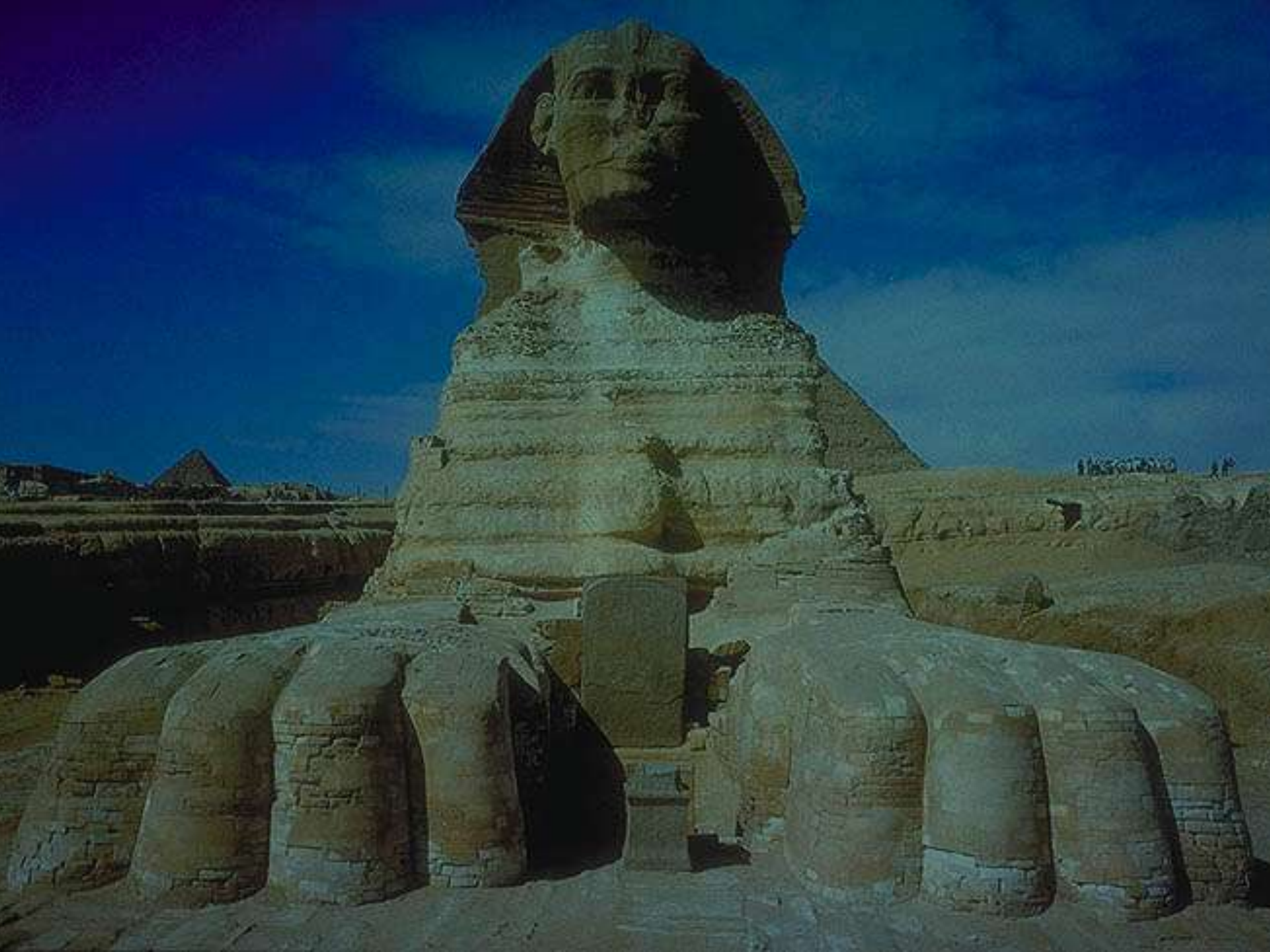
Valley temple of Khafre and the
Great Sphinx, ~ 65' (~20m)
c. 2570–2544 BCE





Valley temple of Khafre and the Great Sphinx; Limestone and red granite
Height of the sphinx: ~ 65' (~20m); Old Kingdom, c. 2570–2544 BCE; Giza.
Commissioned by Khafre

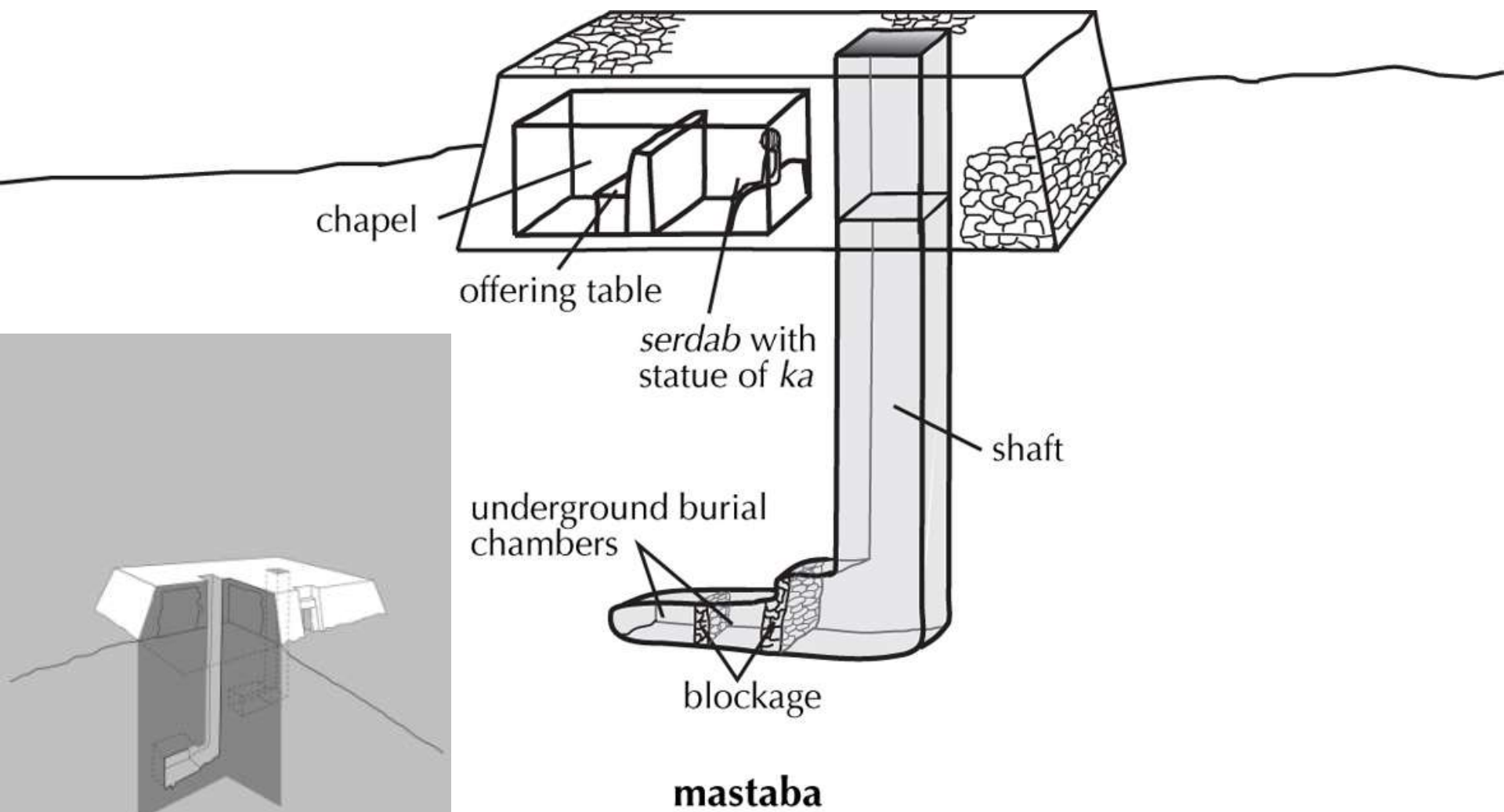


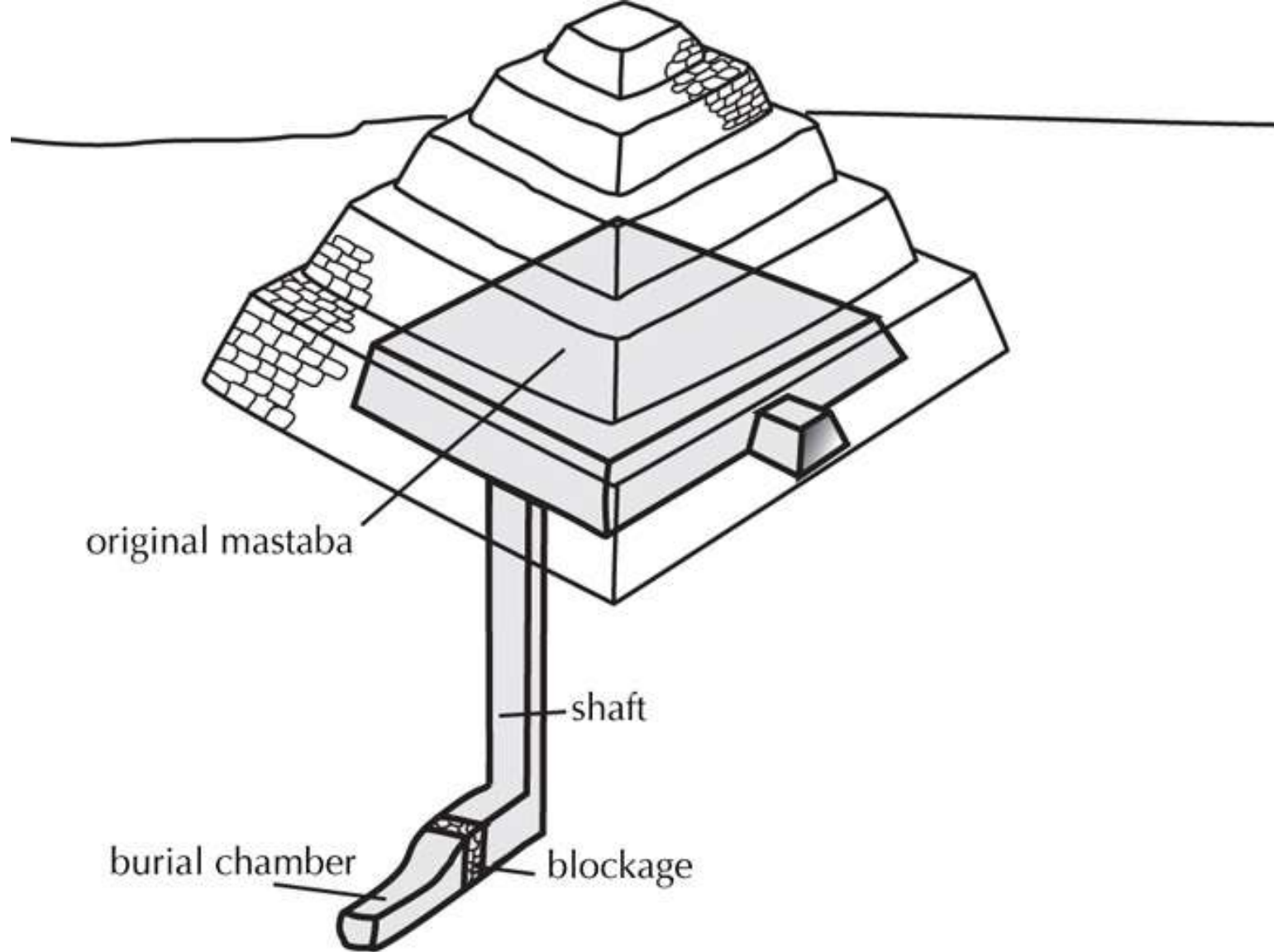




Valley temple of Khafre,
Old Kingdom, c. 2570–2544 BCE

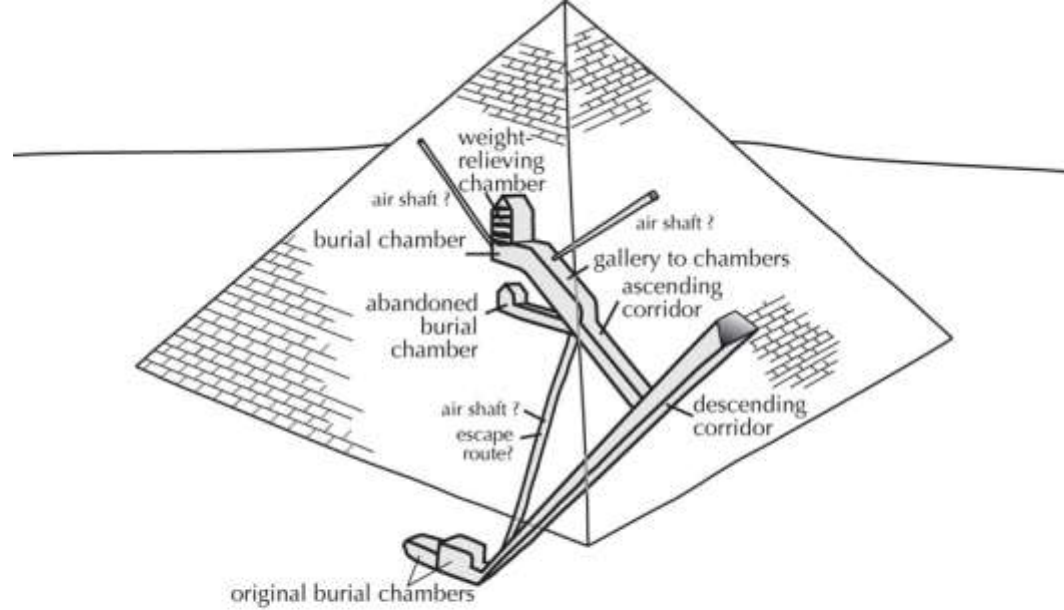




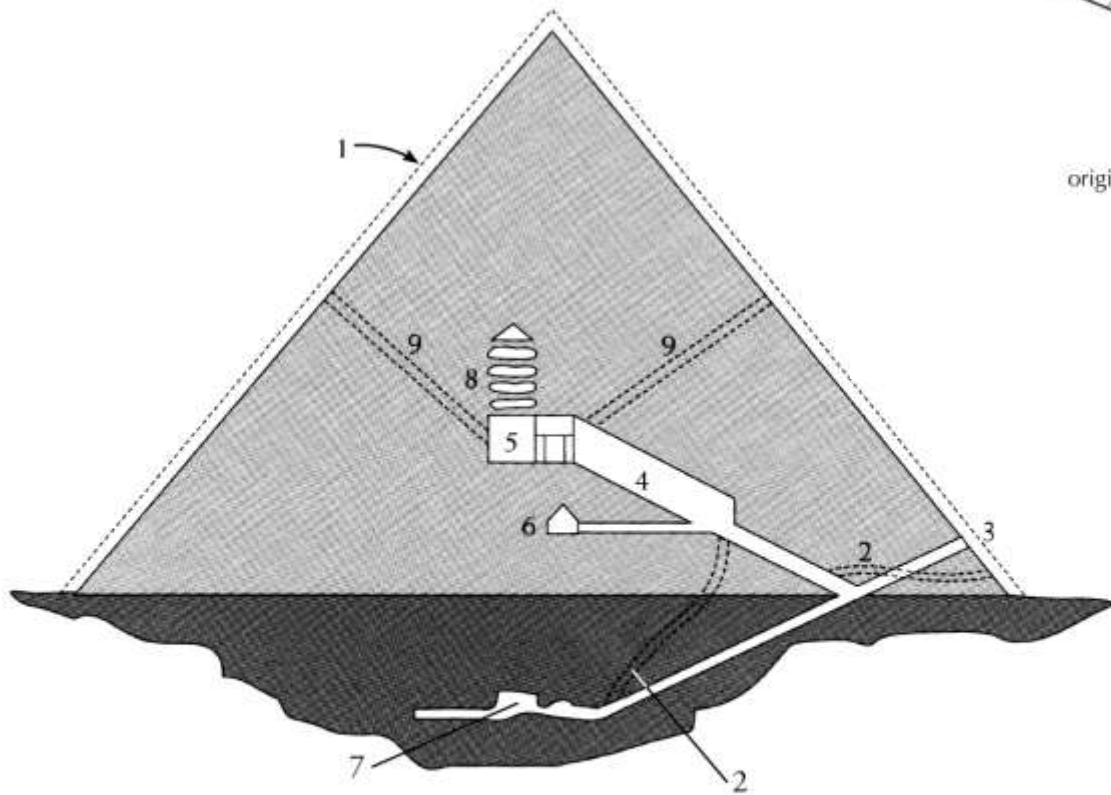


stepped pyramid

**Stepped Pyramid of Djoser,
Saqqara, c. 2667–2648 BCE**



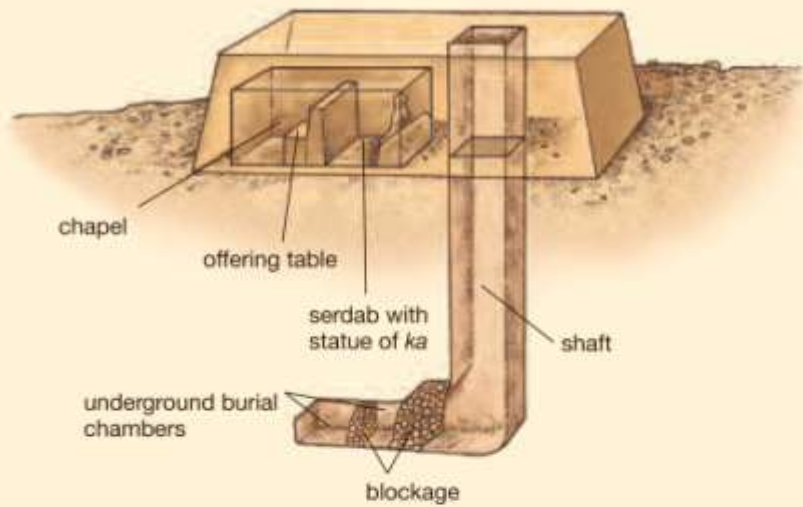
pyramid
Pyramid of Khufu,
Giza, c. 2600 BCE



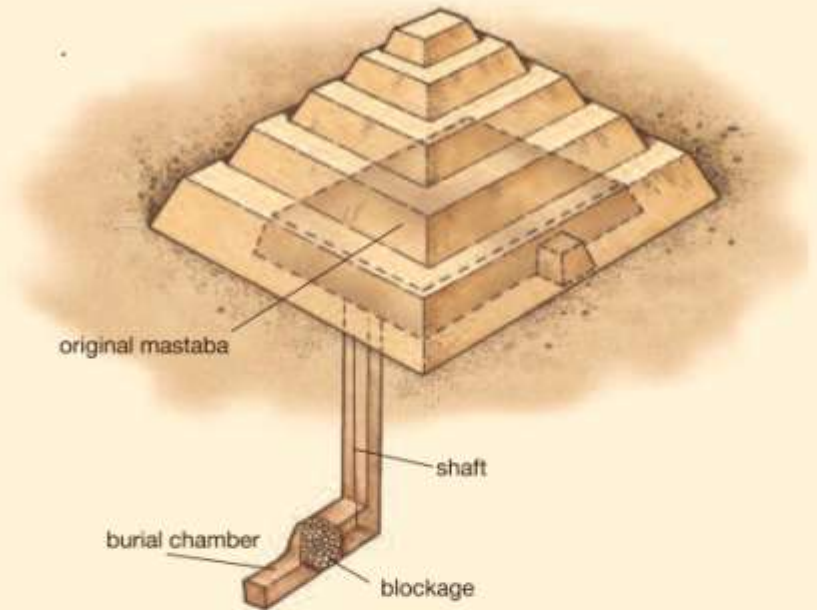
1. Silhouette with original facing stone
2. Thieves' tunnels
3. Entrance
4. Grand gallery
5. King's chamber

6. So-called Queen's chamber
7. False tomb chamber
8. Relieving blocks
9. Airshafts(?)

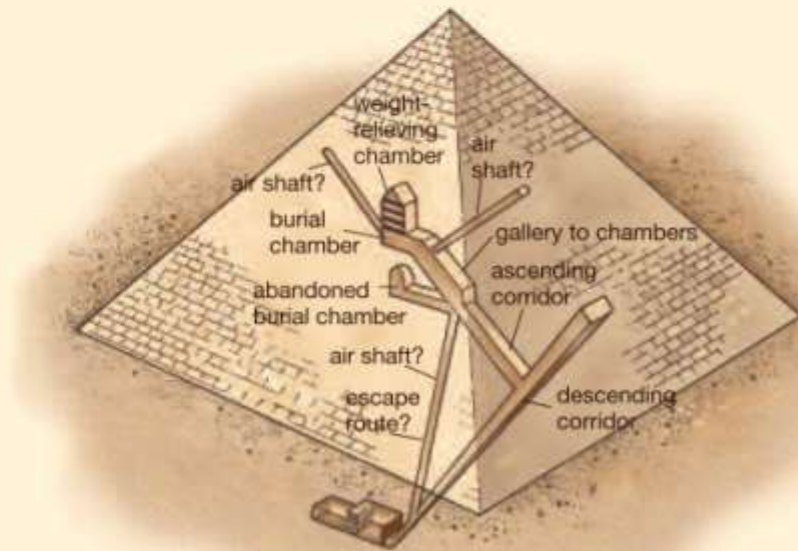
mastaba



stepped pyramid

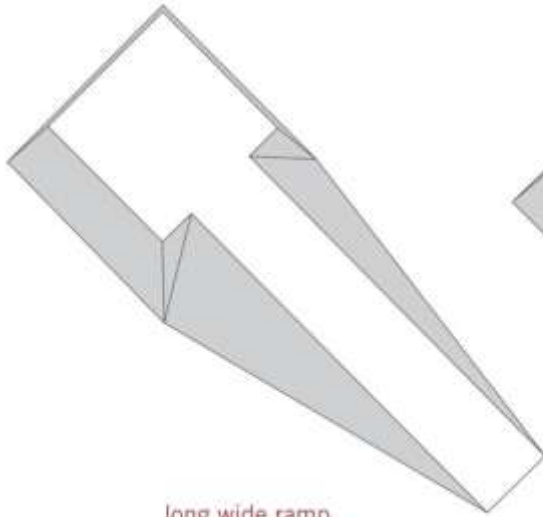


pyramid



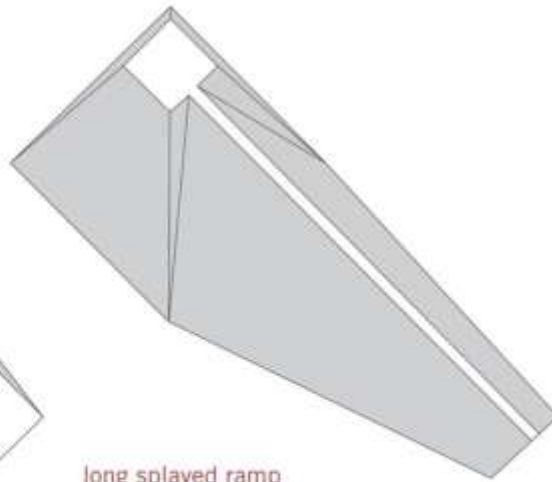
Step Pyramid of Djoser,
Saqqara, c. 2630–2575 BCE

Pyramid of Khafre,
Giza, c. 2600 BCE



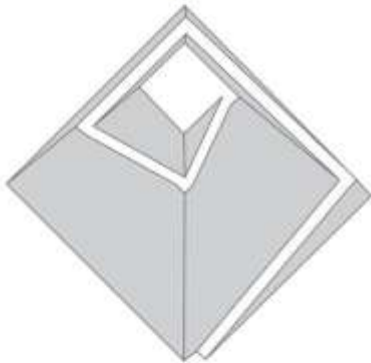
long wide ramp

a



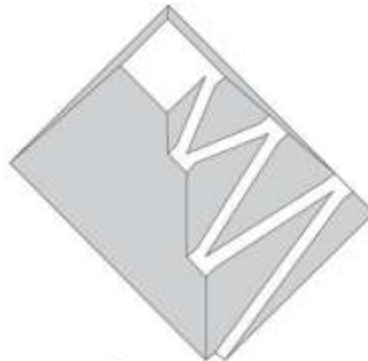
long splayed ramp

b



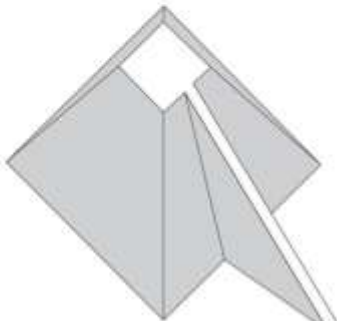
spiral ramp

c



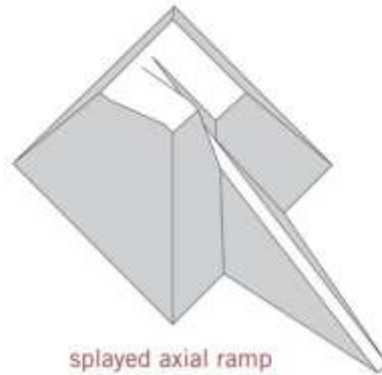
zig-zag ramp

d



narrow axial ramp

e



splayed axial ramp

f

How were the pyramids constructed?