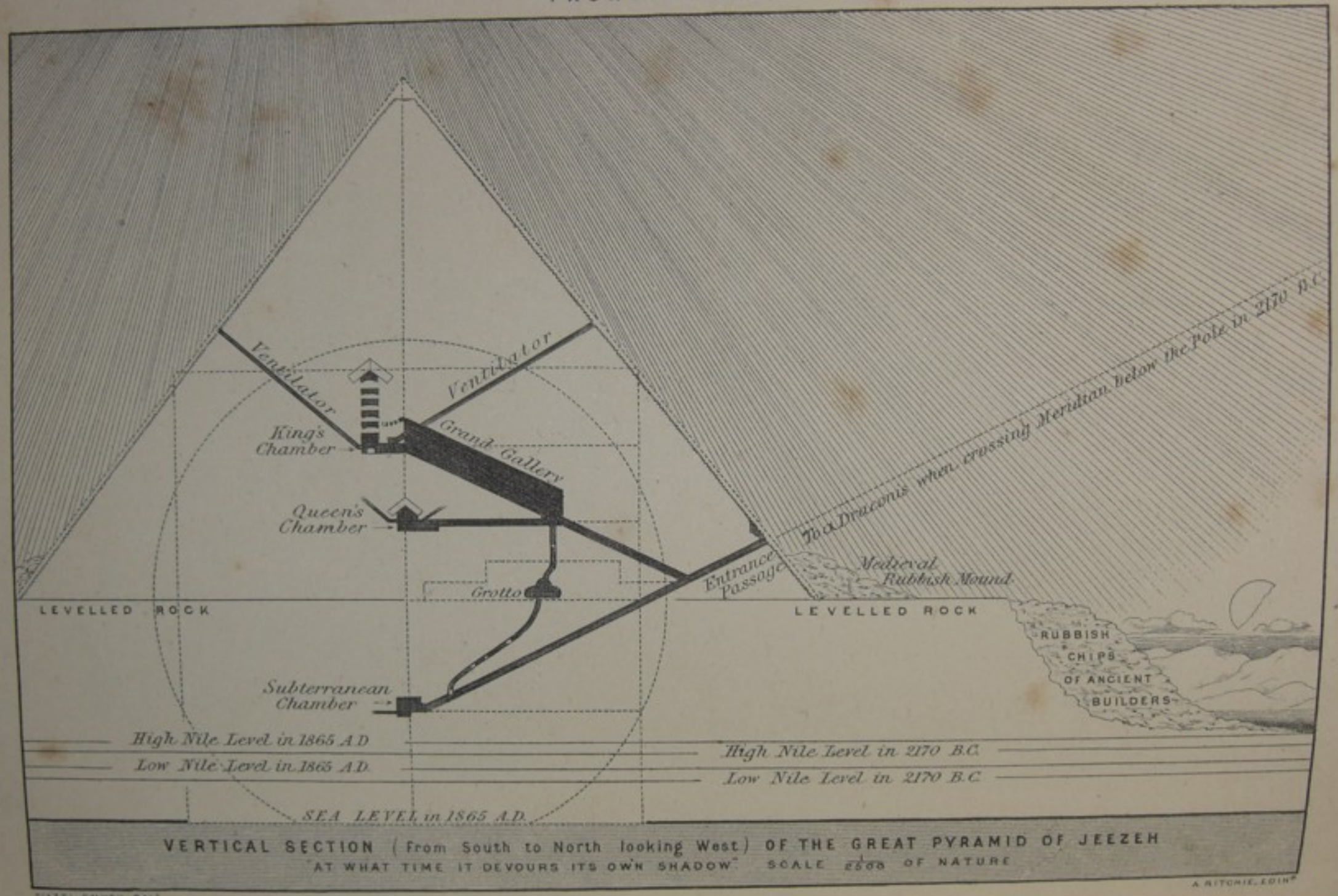

F
PROCEEDINGS OF THE GRAND LODGE OF THE STATE OF LOUISIANA F.A.A.M.
NEIL R. CRAIN, 2003
BUILDERS OF EMPIRE
TRANSACTIONS 2003
TRANSACTIONS 2001
OUR INHERITANCE IN THE GREAT PYRAMID
C. PIAZZI SMYTH
COLORADO'S MASONIC LODGES
YORK MYSTERIES REVEALED
Revd Neville Barker Cryer
Masonic Words and Phrases
Knights & Freemasons: The Birth of Modern Freemasonry
Masonic Questions and Answers
THE SECRET HISTORY OF THE WORLD
A MODERN MASON STANDS THE GATES
MARK BOOTH
1857 to 2007
MACOY
12/9/2008 9:38
G


OUR
INHERITANCE
IN THE
GREAT
PYRAMID
C PIAZZI SMYTH
COLORADO'S MASONIC LODGES

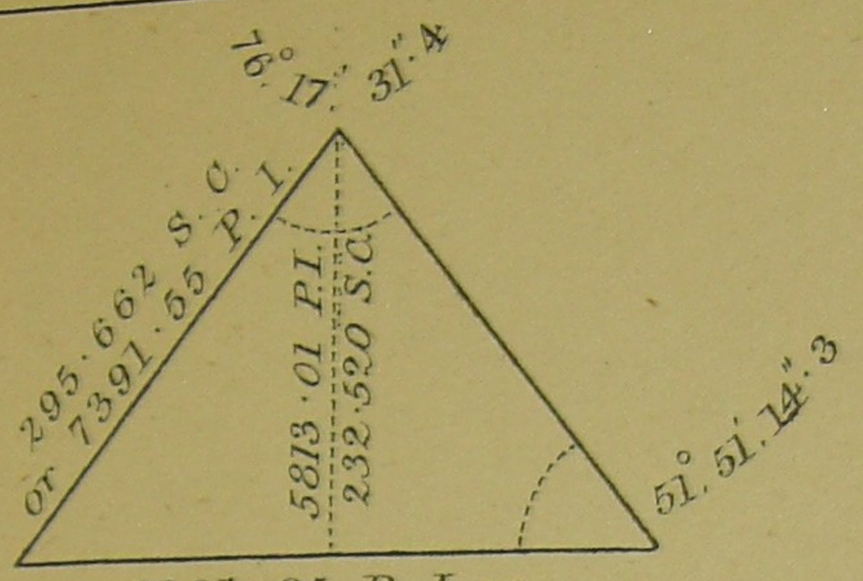


VERTICAL SECTION (From South to North looking West) OF THE GREAT PYRAMID OF JEEZEH

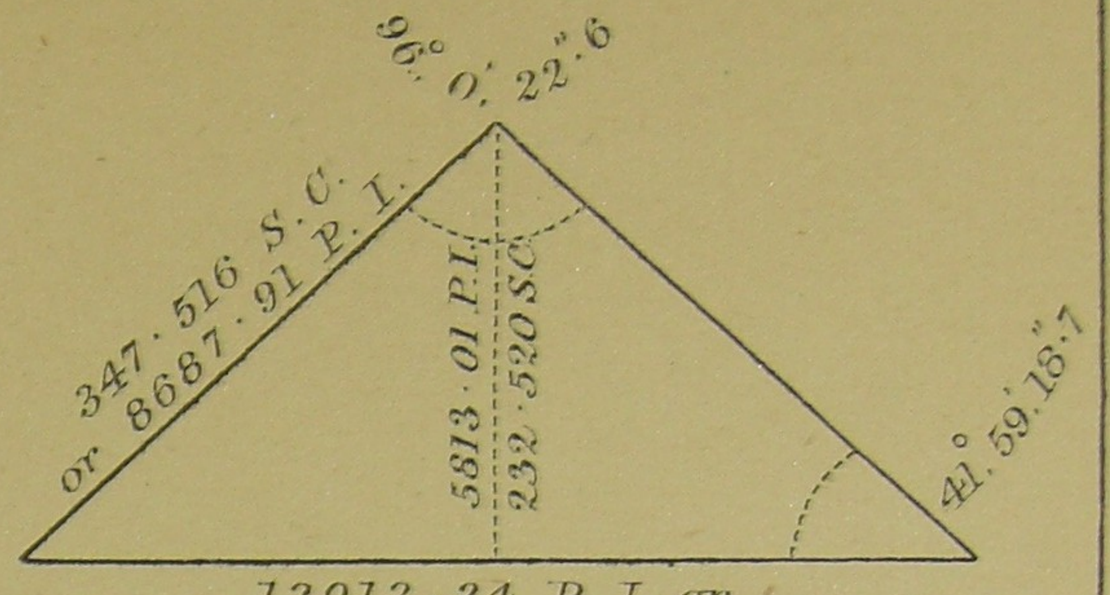
"AT WHAT TIME IT DEVOURS ITS OWN SHADOW" SCALE $\frac{1}{2500}$ OF NATURE

PIAZZI SMYTH. DELT.

A. RITCHIE, EDIN.

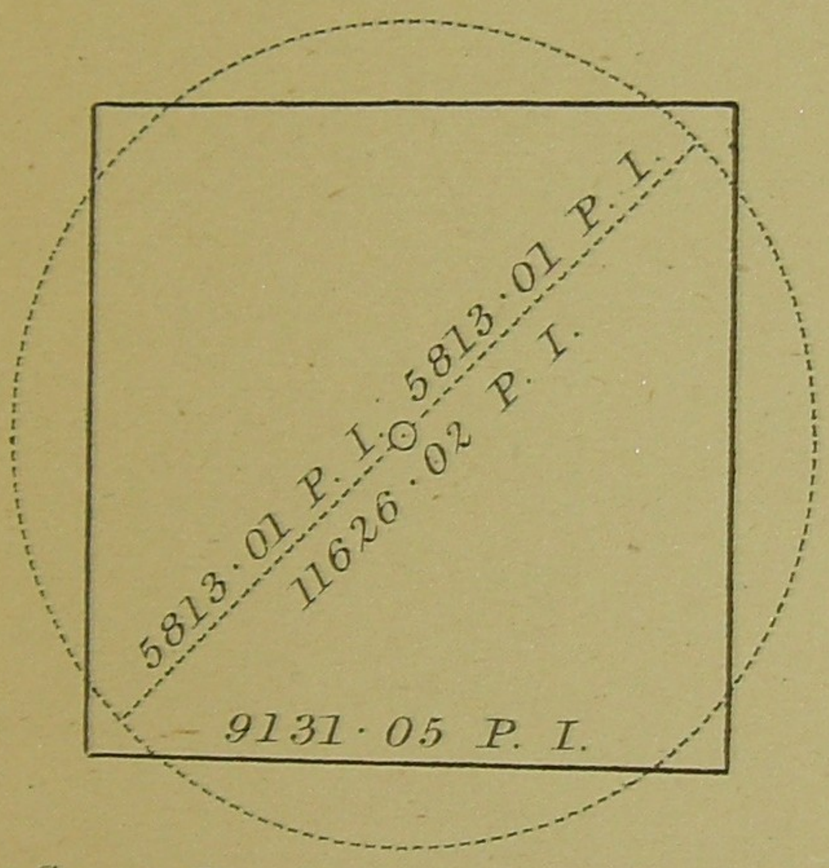


DIRECT VERTICAL SECTION OF GREAT PYRAMID.

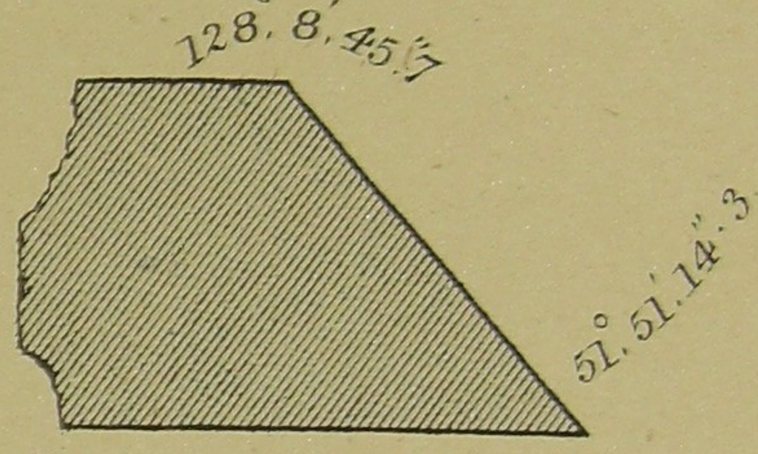


DIAGONAL VERTICAL SECTION OF GREAT PYRAMID.

EQUALITY OF BOUNDARIES.



Great Pyramid's square base, and circle with radius = Pyr.ds Vert.l height.



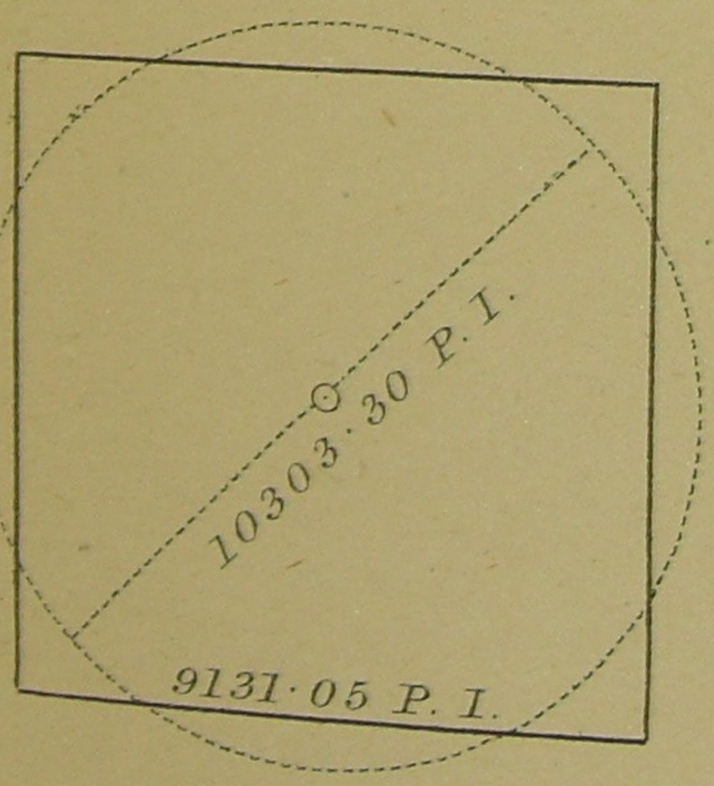
π ANGLES OF CASING STONES OF GREAT PYRAMID;

As affected by its external slope and horizontal masonry courses.

π = 3·14159 26535 + &c.

= log. 0·49714 98726 + &c.

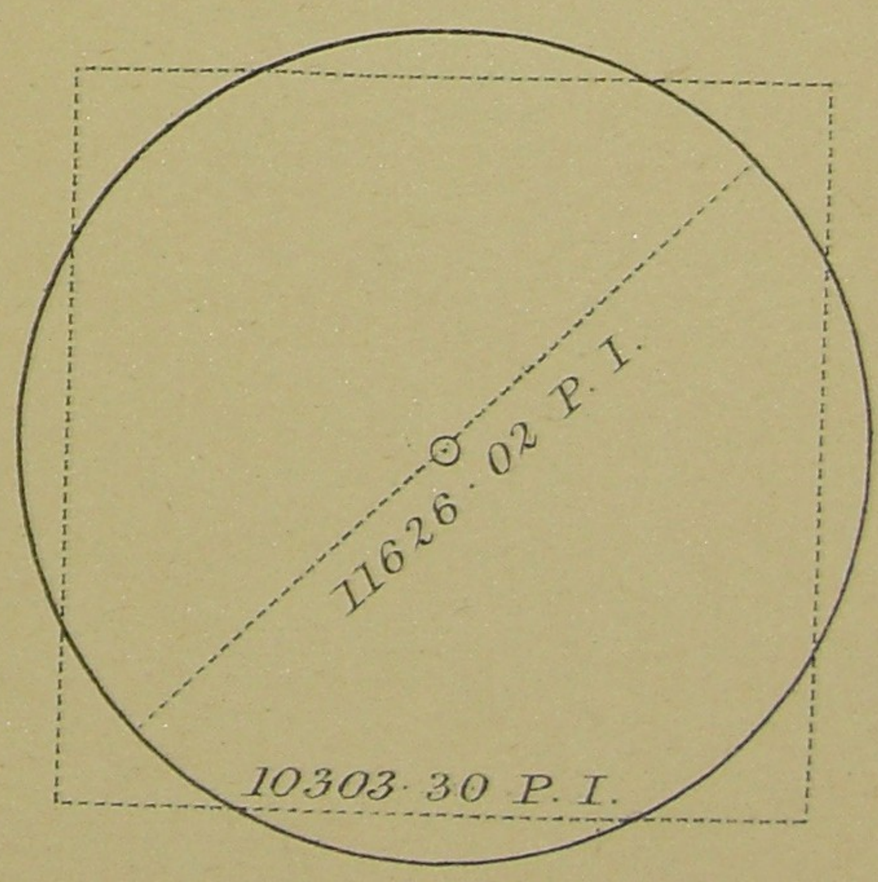
EQUALITY OF AREAS Nº 1.



Area of square base of Great Pyramid = area of a Circle whose diameter is given ÷100 in the Ante-chamber.

P I = PYRAMID INCHES.

EQUALITY OF AREAS Nº 2.



Area of Circle with G.Pyr.s height for radius = Area of square whose length of side is given ÷100 in the Ante-chamber.

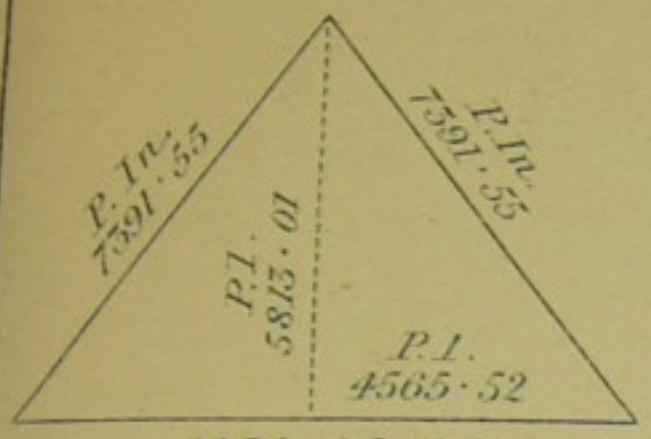
S. C. = SACRED CUBIT.

PIAZZI SMYTH. DELT

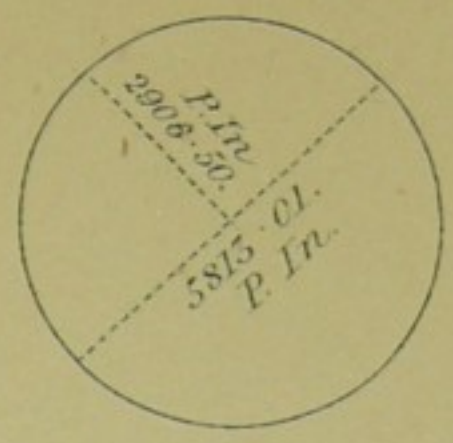
A RITCHIE, EDINR

See Chs 2. 4. & 10.

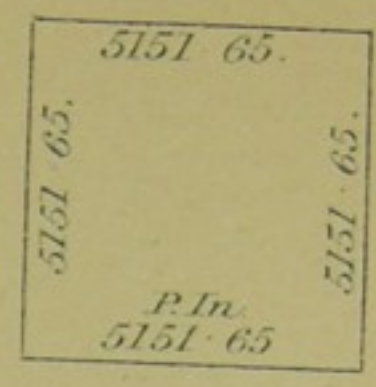
EQUALITY OF AREAS N.° 3.



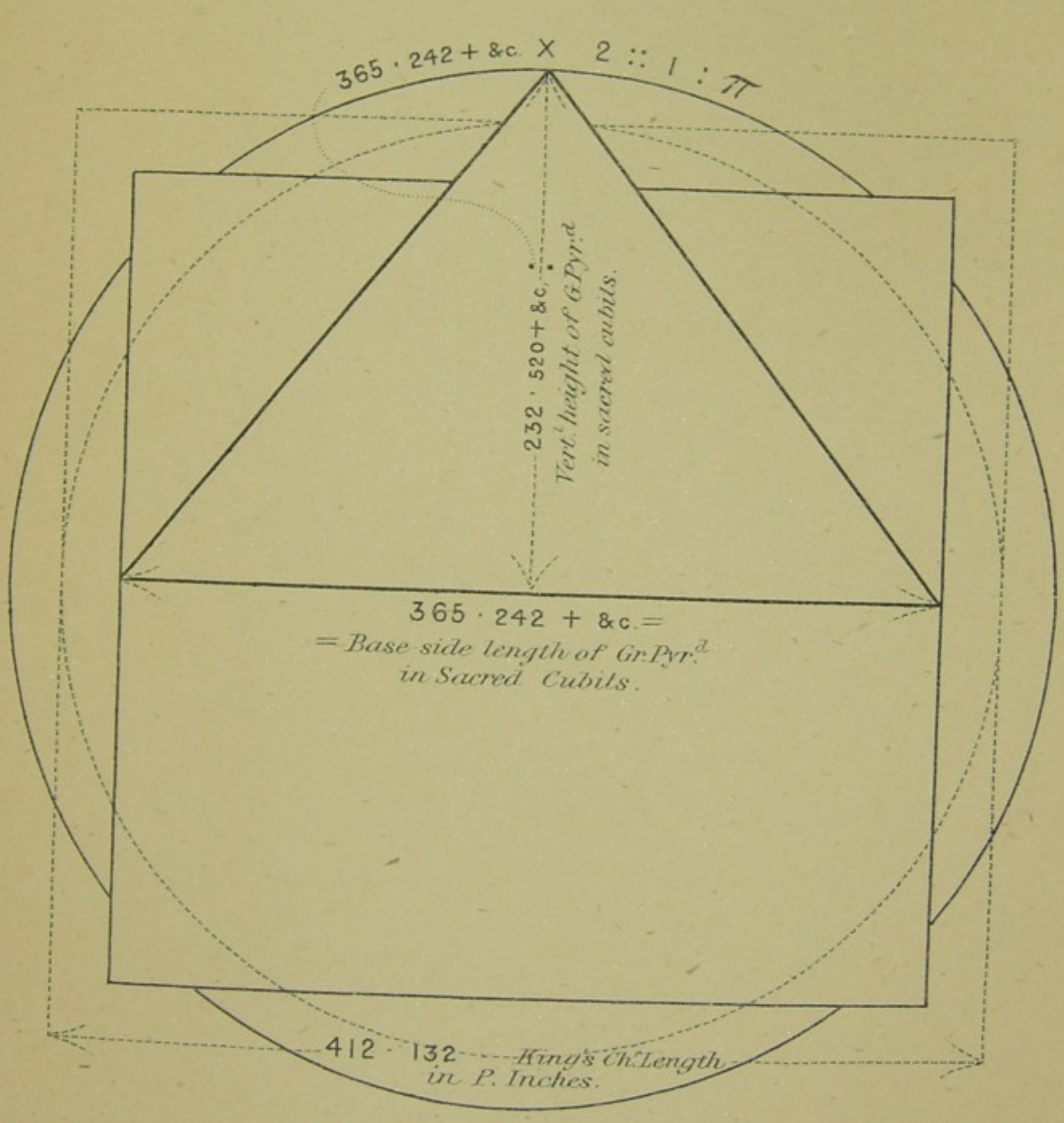
Direct Vertical Section of Gr. Pyr.d



Circle with Diameter Vert.l Height of G. Pyr.d



Square with side computed by π.



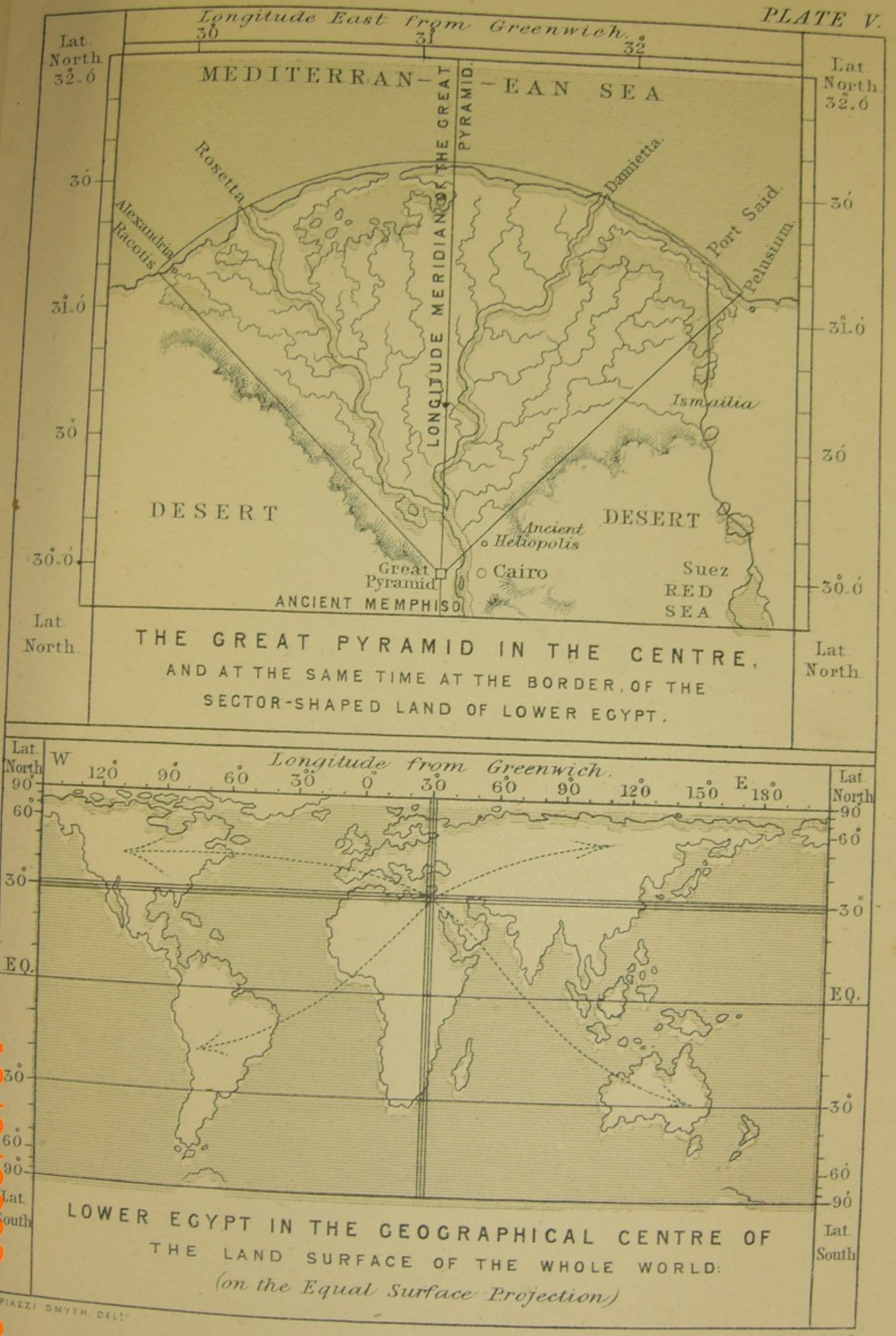
EQUATION OF BOUNDARIES AND AREAS.

CIRCLES AND SQUARES, INCHES INSIDE AND SACRED CUBITS OUTSIDE GREAT PYRAMID. *See Ch.r 25.*

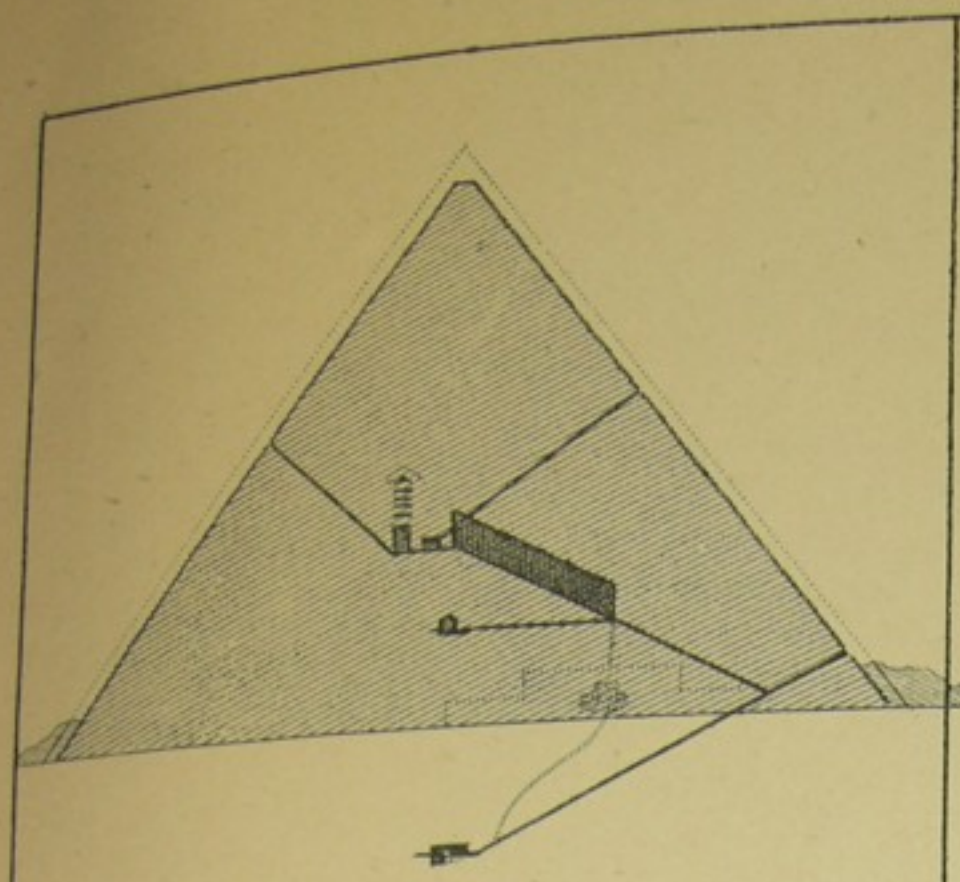
PIAZZI SMYTH. DEL.

A. RITCHIE, EDIN.R

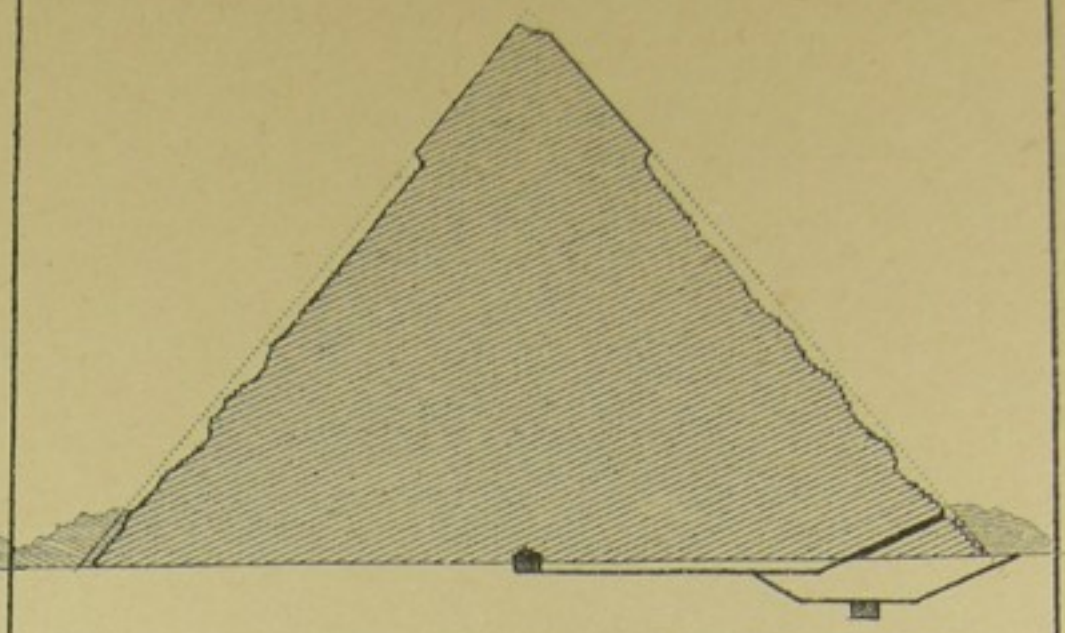
See Chs. 10 & 25.



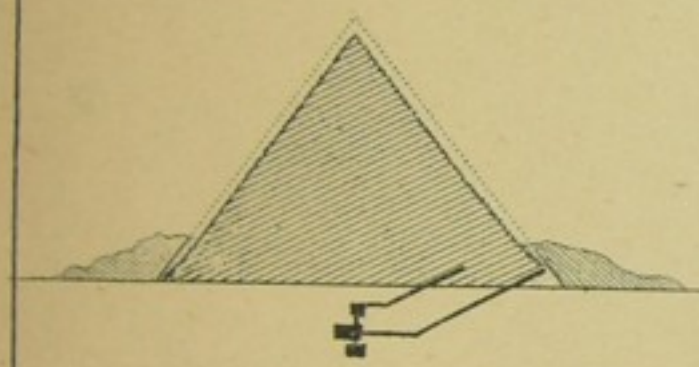
See Chs 5 & 25.



THE GREAT PYRAMID.



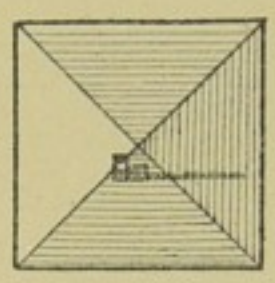
THE SECOND PYRAMID.



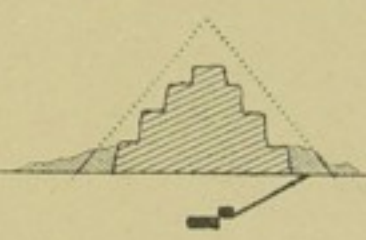
THE THIRD PYRAMID.

GROUND PLAN OF THIS PYRAMID WHEN COMPLETE.

SOUTH.



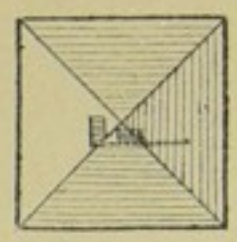
NORTH.



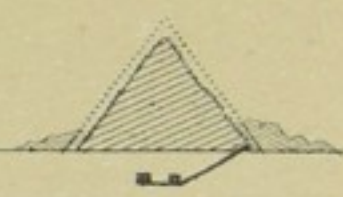
THE FOURTH PYRAMID.

GROUND PLAN OF THIS PYRAMID WHEN COMPLETE.

SOUTH.



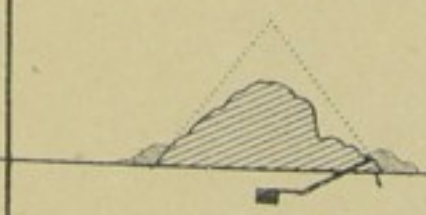
NORTH.



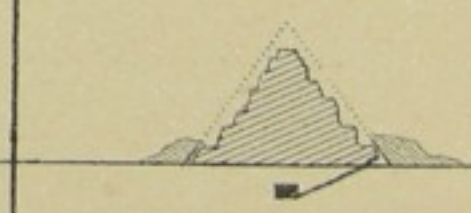
THE FIFTH PYRAMID.

THE SIXTH PYRAMID.

THE SEVENTH PYRAMID.



THE EIGHTH PYRAMID.



THE NINTH PYRAMID.

ALL THE PYRAMIDS OF JEEZEH IN VERTICAL AND MERIDIAN SECTION,

THEIR ANCIENT SIZE AND SHAPE BEING SHOWN BY THE DOTTED TRIANGLES OVER THEM.

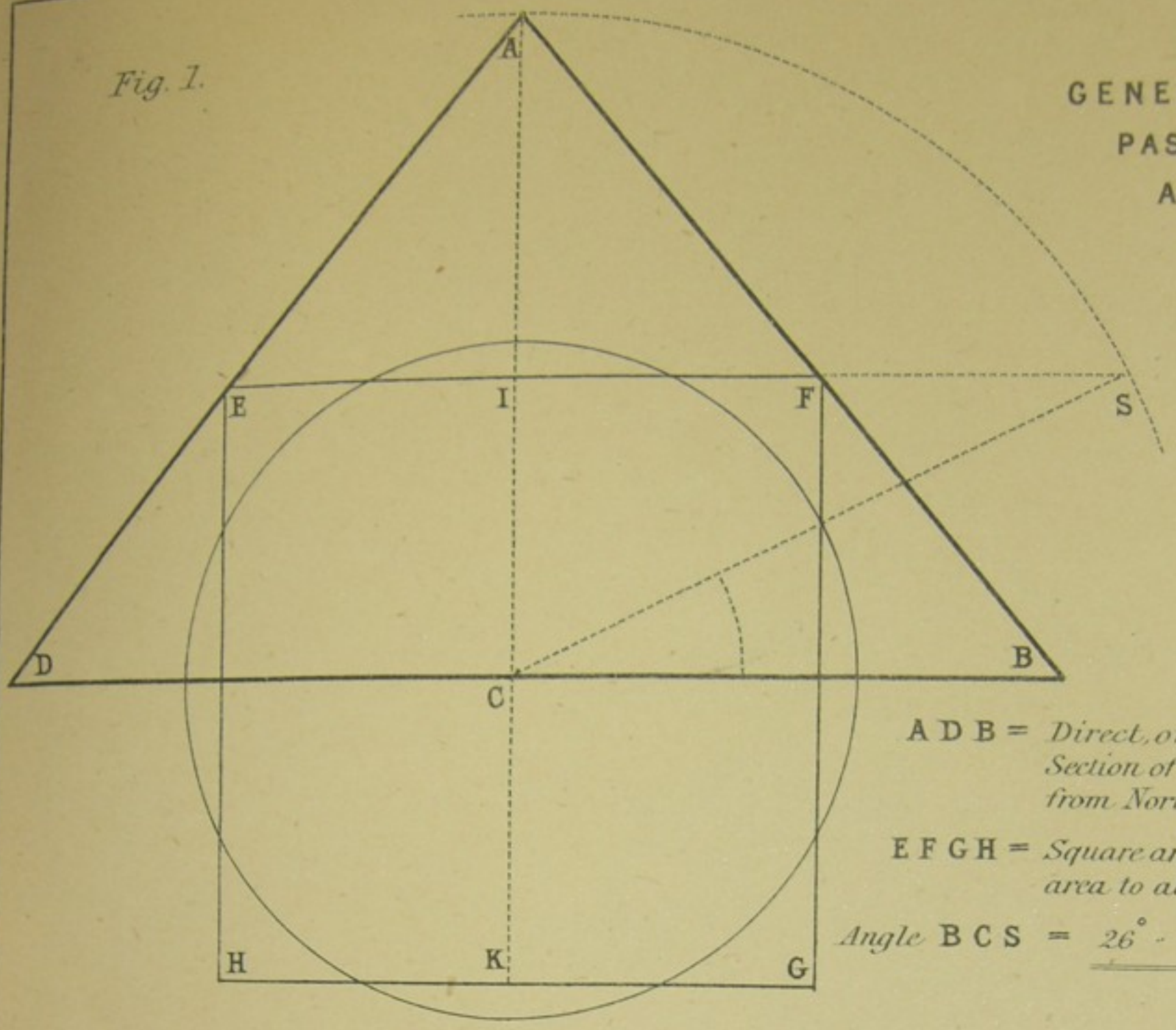
Scale $\frac{1}{5000}$ of Nature.

PIAZZI SMYTH. DEL.

A RITCHIE, EDIN.

See Chs. 1 & 6.

Fig. 1.



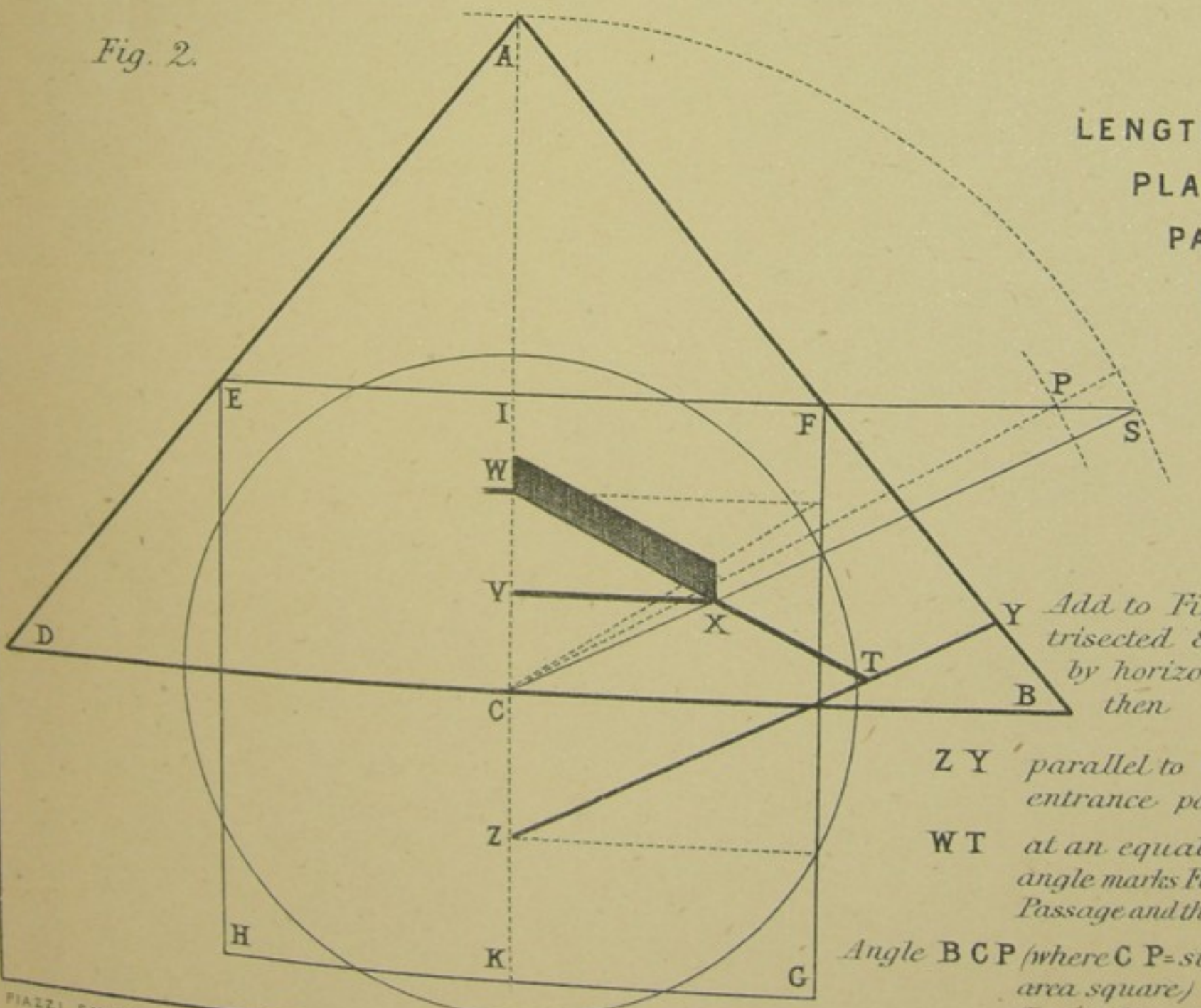
GENERAL PASSAGE ANGLE OF GR.T PYR.D

A D B = *Direct, or right, Vertical Section of Great Pyramid from North to south.*

E F G H = *Square and Circle of equal area to above.*

Angle B C S = 26° - 18′ - 10″

Fig. 2.



LENGTHS AND PLACES OF PASSAGES IN GREAT PYR.D

Add to Fig. 1, I C *trisected &* C K *bisected by horizontal lines, then*

Z Y *parallel to* C S, *marks entrance passage.*

W T *at an equal but opposite angle marks First Ascending Passage and the Grand Gallery.*

Angle B C P *(where* C P *= side of equal area square) = 30°. = Latitude, approx.y*

PIAZZI SMYTH. DEL.

A RITCHIE, EDIN.R

See Ch 10.

CHAMBER AND PASSAGE SYSTEM OF GREAT PYRAMID.

enlarged from the Frontispiece.

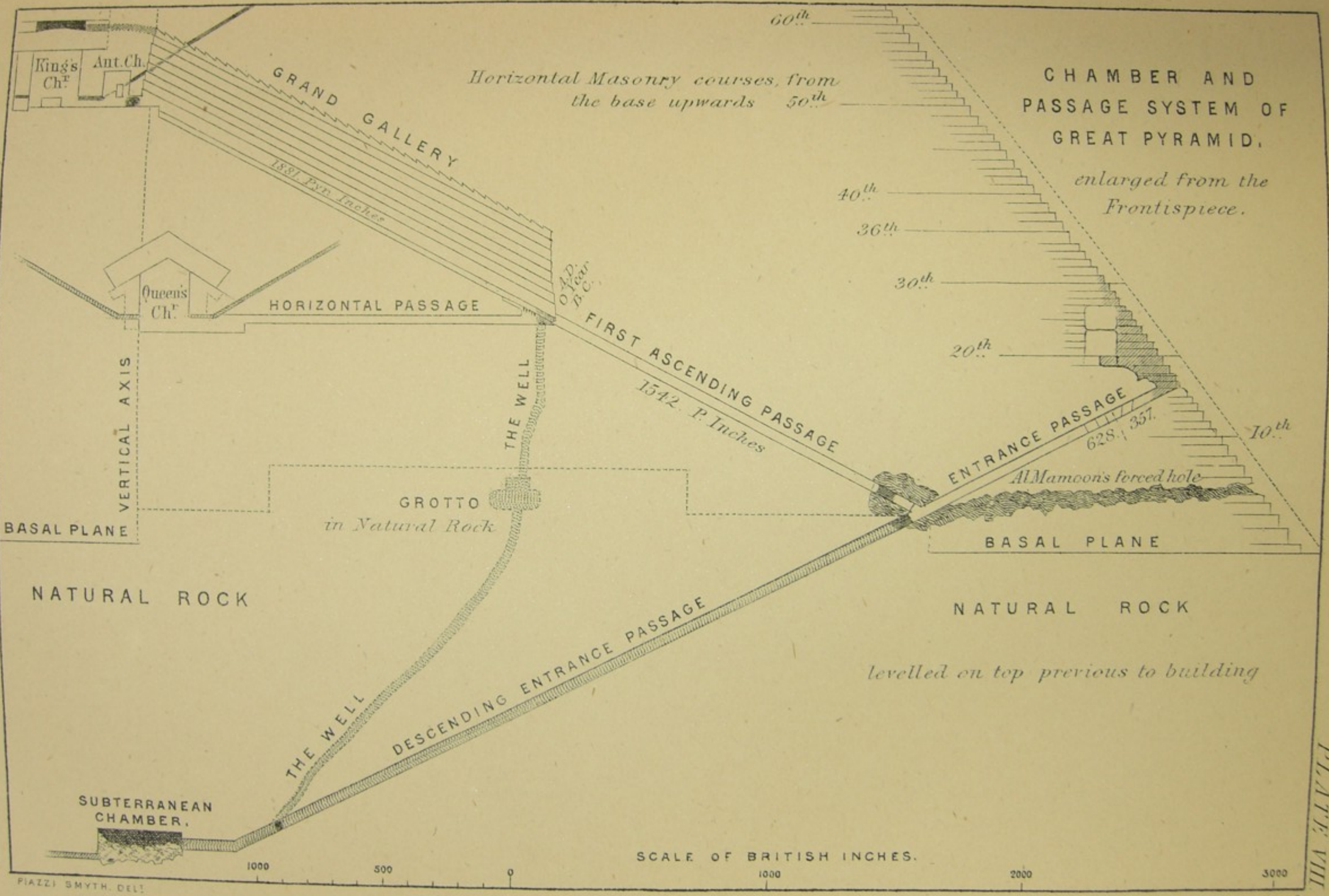
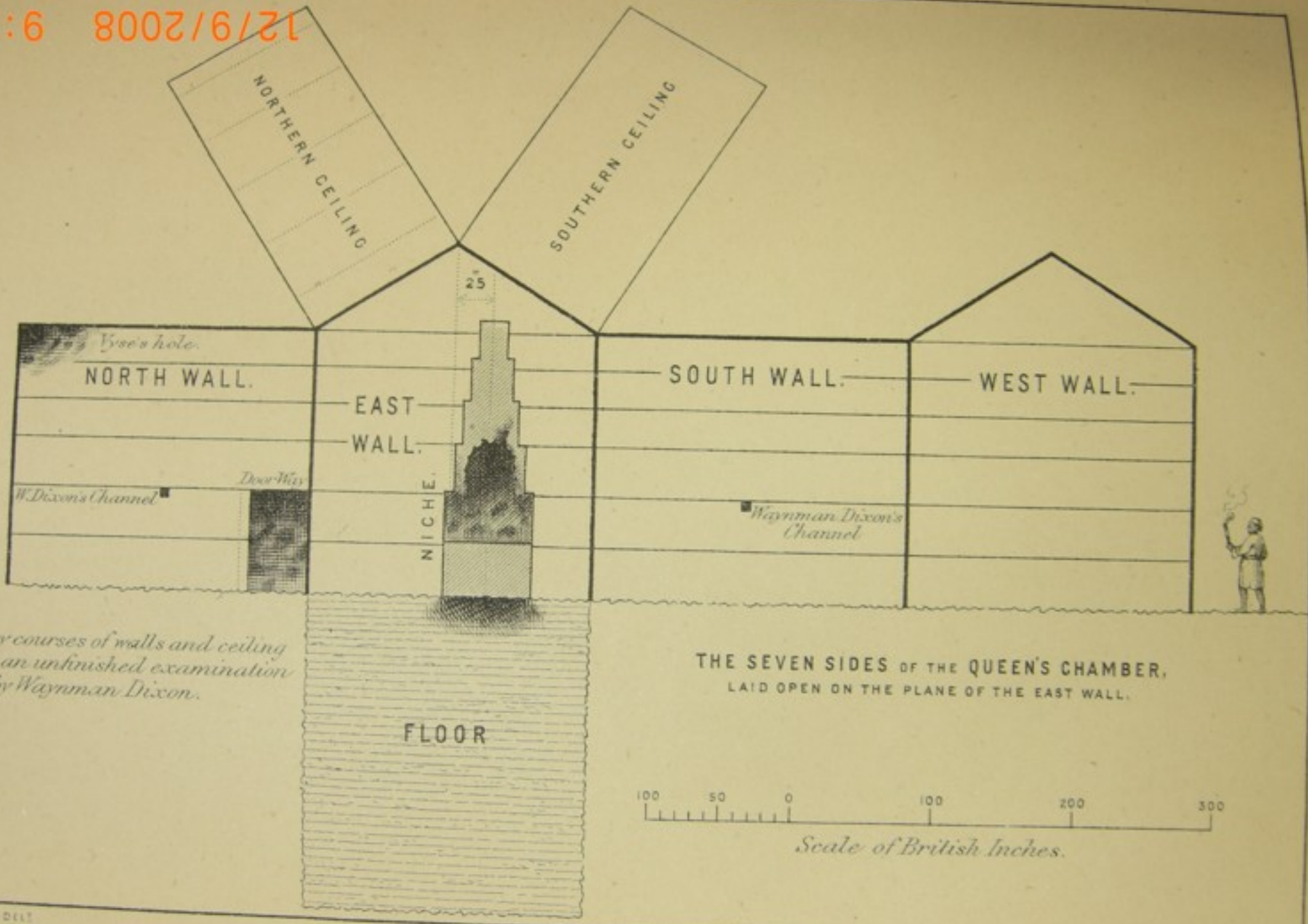


PLATE VIII

See Chs 6, 17, 19 & 20.



Masonry courses of walls and ceiling are from an unfinished examination by Waynman Dixon.

THE SEVEN SIDES OF THE QUEEN'S CHAMBER,
LAID OPEN ON THE PLANE OF THE EAST WALL.

PLATE IX.

PIAZZI SMYTH. DELT.

A. RITCHIE. EDIN.R

See Chs 10,19 & 20.

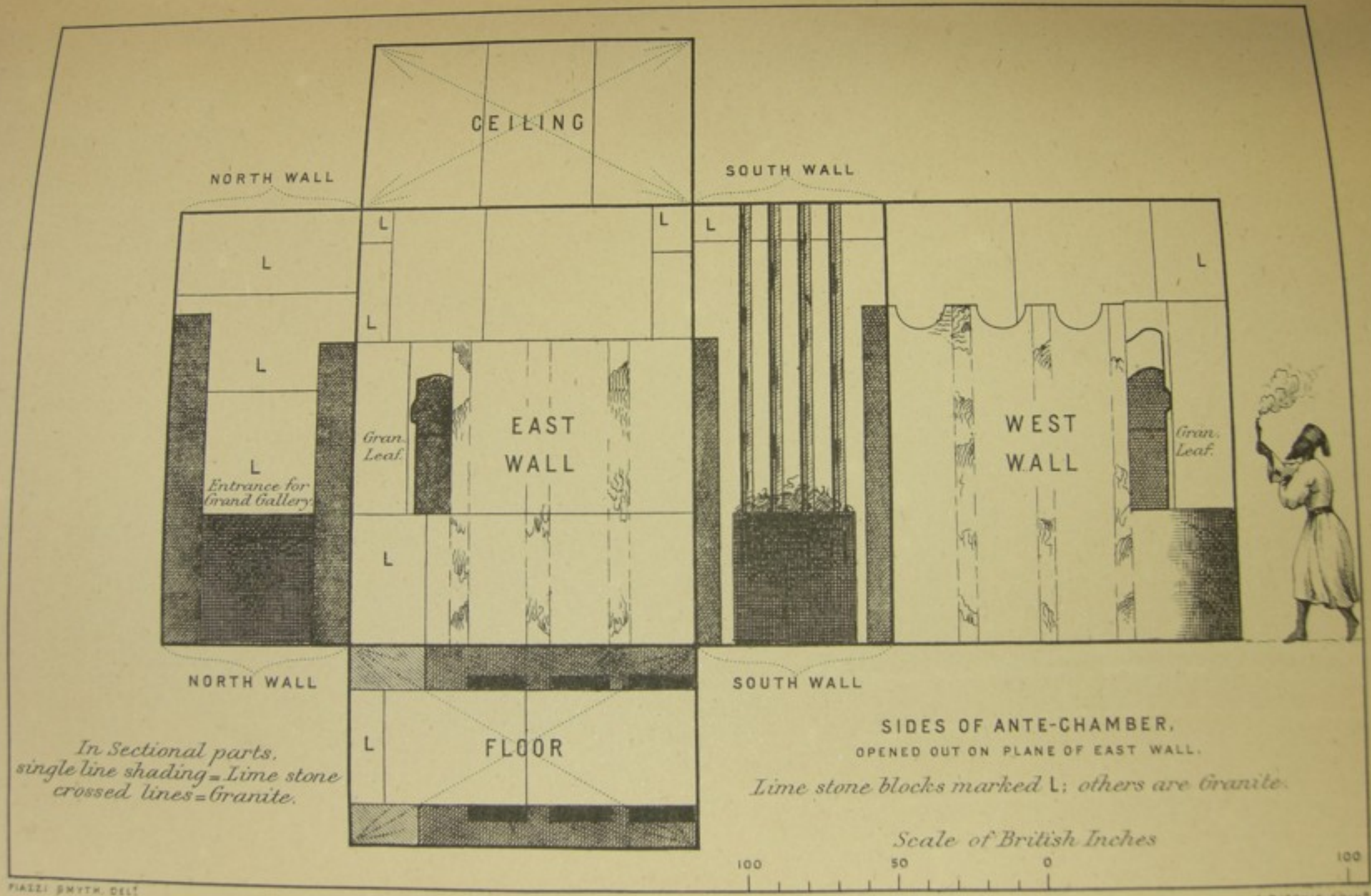


PLATE X.

See Chs 9 & 10.

THE KEY OF ENTRANCE INTO THE DESIGN OF THE GREAT PYRAMID,

AS INVOLUNTARILY PREPARED, YEARS AGO, BY MODERN MATHEMATICS; viz.:—

$$\pi\ ;$$

i.e.,

When a Circle's *diameter* $= d = \frac{c}{\pi} = \frac{4\,a}{c} = 2\,\sqrt{\frac{a}{\pi}}$;

And its *circumference* $= c = \pi\,d = \frac{4\,a}{d} = 2\,\sqrt{\pi\,a}$;

And its *area* $= a = \frac{\pi}{4}\,d^2 = \frac{c^2}{4\,\pi} = \frac{d\,c}{4}$;

Then

$$\pi = \frac{c}{d} = \frac{4\,a}{d^2} = \frac{c^2}{4\,a};$$

$$= 3{\cdot}14159\ |\ 26535\ |\ 89793\ |\ 23846\ |\ +\ \&c.,\ \&c.,\ \&c.$$

$$= \log.\ 0{\cdot}49714\ |\ 98726\ |\ 94133\ |\ 85435\ |\ +\ \&c.,\ \&c.,\ \&c.$$

And

$$\frac{\pi}{4} = 0{\cdot}785\ 39816 + \&c. = \log.\ 9{\cdot}895\ 0899 + \&c.$$

$$\frac{\pi}{6} = 0{\cdot}523\ 59878 + \&c. = \log.\ 9{\cdot}718\ 9986 + \&c.$$

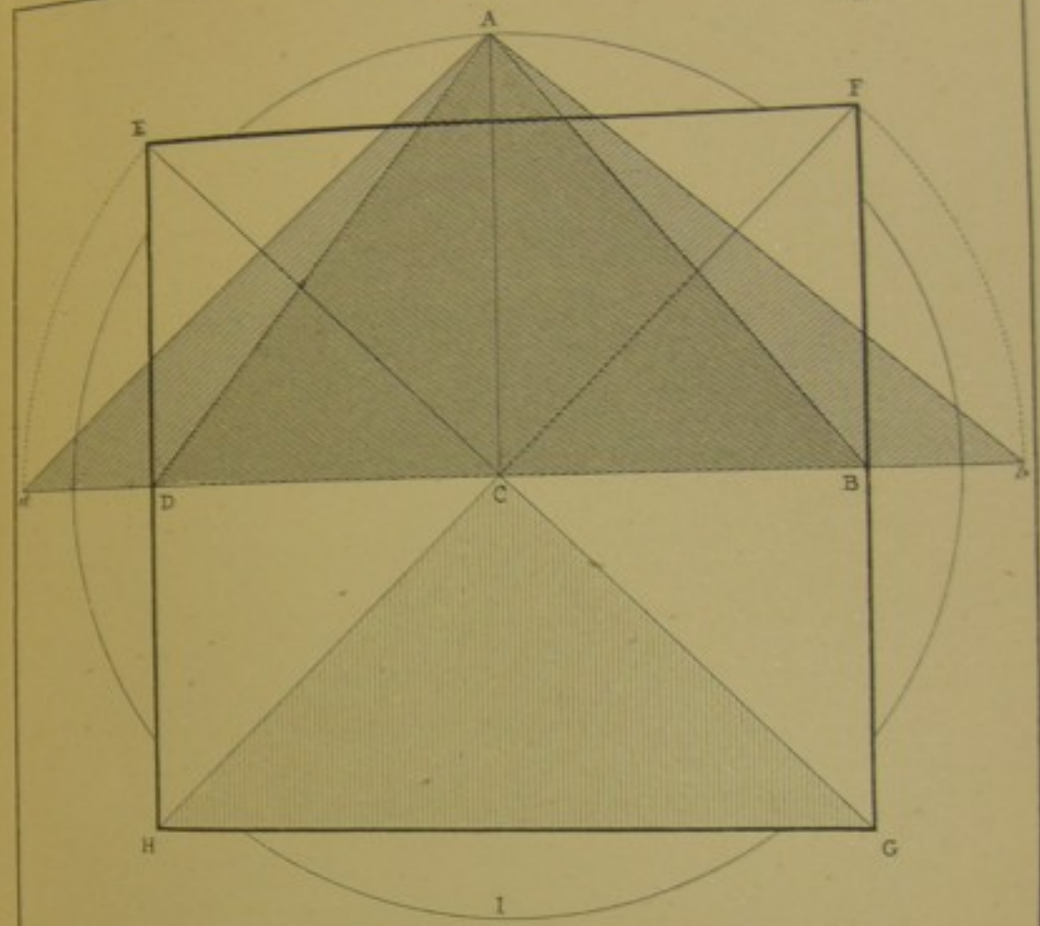
$$\frac{1}{4\,\pi} = 0{\cdot}079\ 57747 + \&c. = \log.\ 8{\cdot}900\ 7902 + \&c.$$

$$\frac{1}{6\,\pi^2} = 0{\cdot}016\ 88687 + \&c. = \log.\ 8{\cdot}227\ 5490 + \&c.$$

$$\sqrt{\pi} = 1{\cdot}772\ 45385 + \&c. = \log.\ 0{\cdot}248\ 5749 + \&c.$$

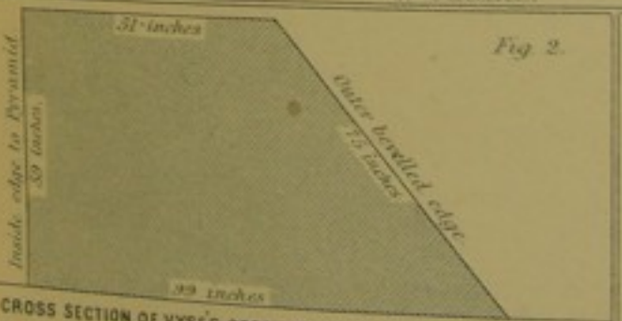
$$\frac{180^\circ}{\pi} = 57{\cdot}295\ 77951 + \&c. = \log.\ 1{\cdot}758\ 1226 + \&c.$$

Fig 1.



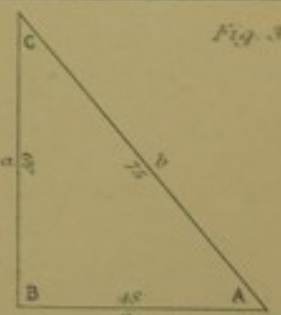
GROUND PLAN OF GREAT PYRAMID.
ITS SQUARE BASE, AND A HYPOTHETICAL CIRCLE HAVING RADIUS EQUAL TO VERTICAL HEIGHT OF BUILDING:
together with elevations of the direct and diagonal vertical sections of the same restored to ancient completeness of outline.

Fig 2.



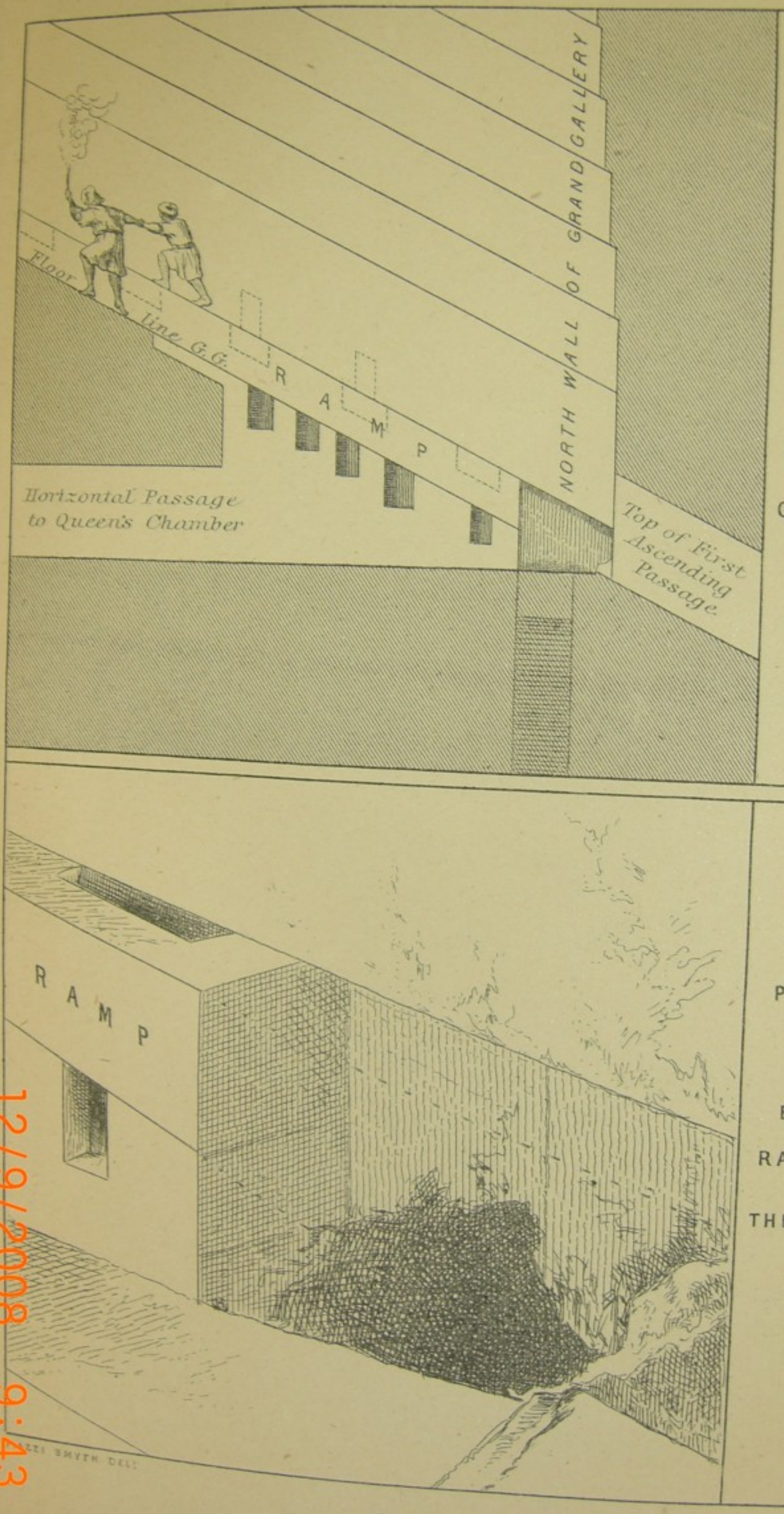
CROSS SECTION OF VYSE'S GREAT PYRAMID CASING STONE IN SITU.
when still attached to the pavement, in middle of North side of
BASE.

Fig 3.



Rectangular triangle for computation

See Ch. 2.



SECTION

(vertical and longitudinal)

LOOKING WEST.

OF

LOWER OR

NORTHERN END

OF

GRAND GALLERY

IN

GR PYR.D

SCALE OF BRIT. INCHES.

100

50

0

ENLARGED

PERSPECTIVE

VIEW

OF THE

BROKEN OUT

RAMP STONE

AND

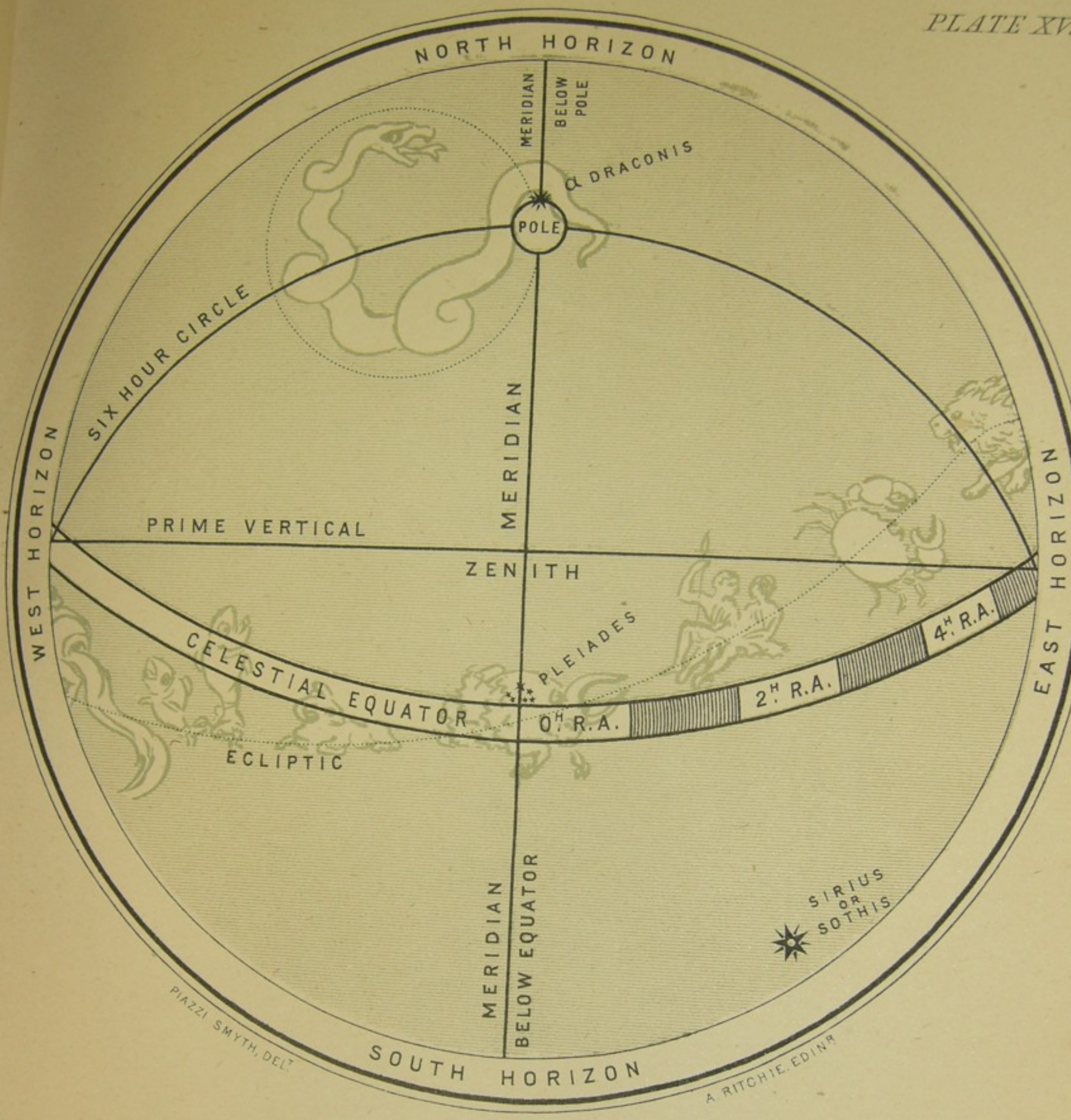
THE ENTRANCE

TO THE

WELL.

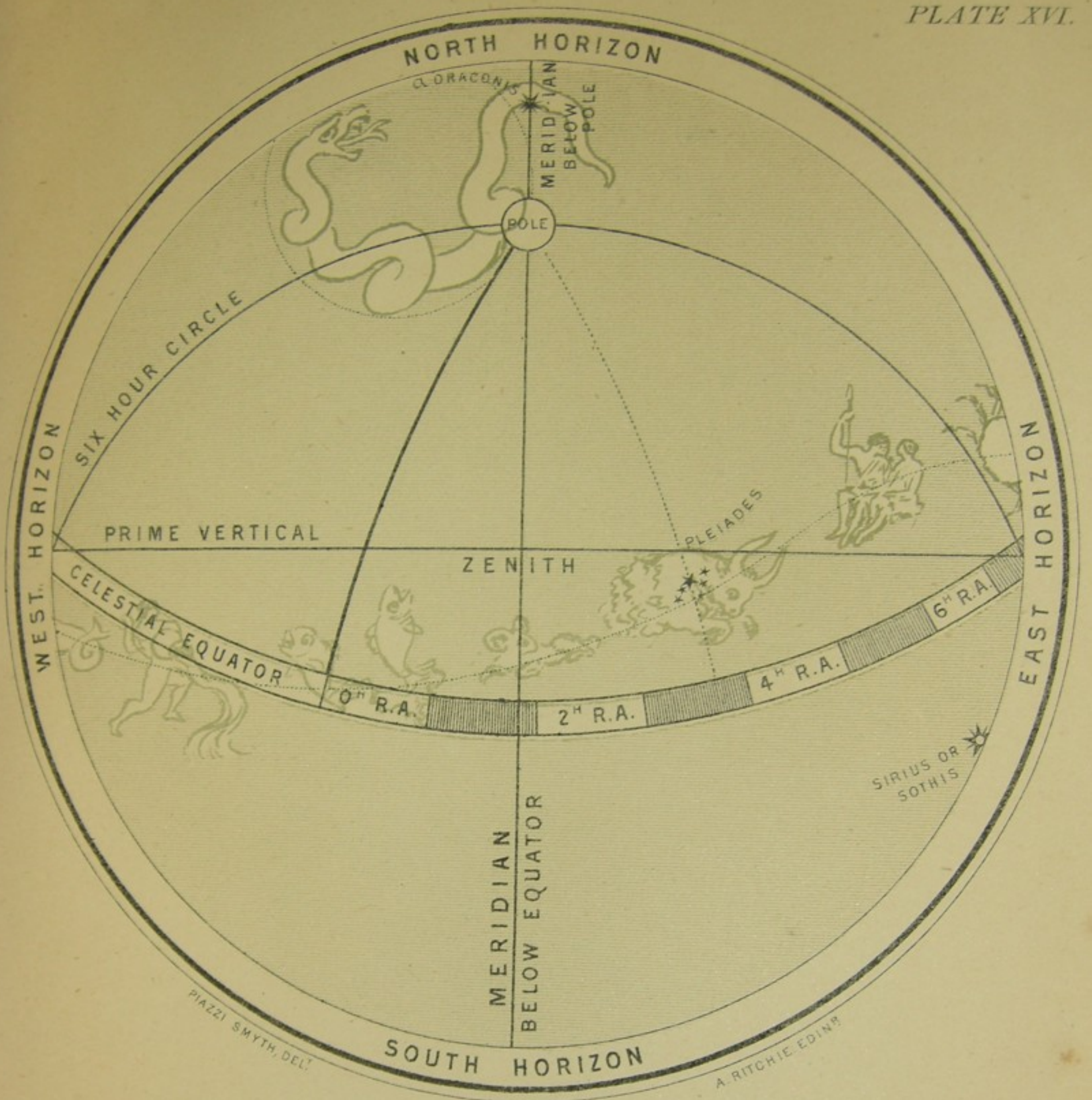
so called.

A RITCHIE, EDINR



GROUND PLAN OF THE
CIRCLES OF THE HEAVENS ABOVE THE GREAT PYRAMID, AT ITS EPOCH
OF FOUNDATION, AT MIDNIGHT OF AUTUMNAL EQUINOX
2170 B.C.
α DRACONIS ON MERIDIAN, BELOW POLE, AT ENTRANCE PASSAGE ANGLE;
AND PLEIADES ON MERIDIAN ABOVE POLE IN 0H. R.A.;
OR COINCIDENTLY WITH VERNAL EQUINOX.

See Ch. 17.



GROUND PLAN OF THE

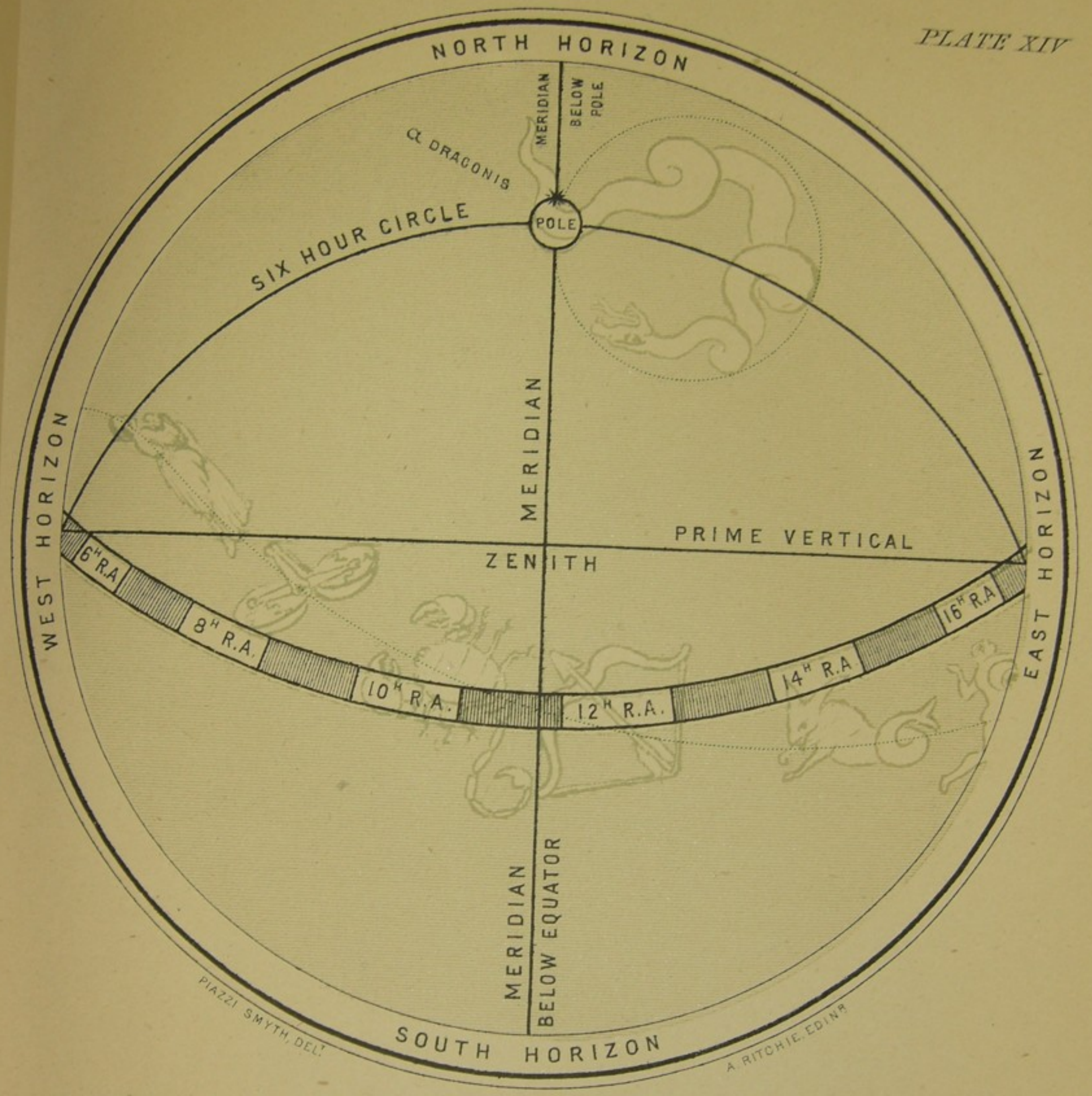
CIRCLES OF THE HEAVENS ABOVE THE PRESENT GREAT PYRAMID

IN THE AUTUMN OF

1881 A.D.

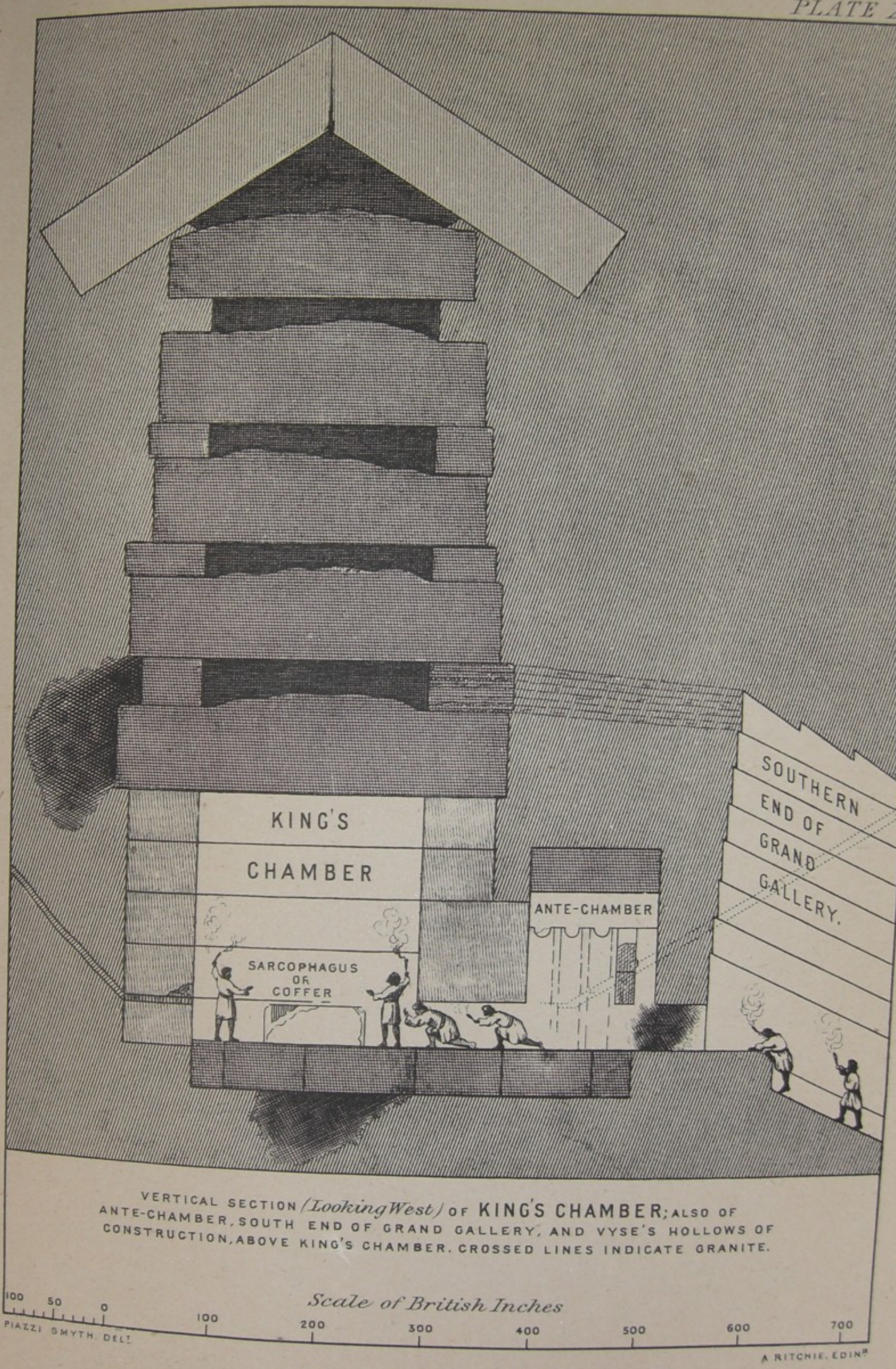
α DRACONIS ON MERIDIAN. BELOW POLE, BUT AT SEVEN TIMES EN. PASS. ANGLE;
PLEIADES FAR FROM MERIDIAN. EASTWARD;
VERNAL EQUINOX FAR FROM MERIDIAN. WESTWARD;
BUT THE DISTANCE OF THEIR MERIDIANS APART, INDICATING ON THE PRECESSIONAL DIAL
THE AGE OF THE GREAT PYRAMID.

See Ch.-17.



GROUND PLAN OF THE
CIRCLES OF THE HEAVENS ABOVE THE SITE OF THE THEN
UNBUILT GREAT PYRAMID; AT THE ANTEDILUVIAN DATE OF
3440 B.C.
α DRACONIS ON MERIDIAN BELOW POLE, AT ENTRANCE PASSAGE ANGLE;
PLEIADES AND VERNAL EQUINOX NOWHERE VISIBLE.

See Ch. 17.



VERTICAL SECTION *(Looking West)* OF KING'S CHAMBER; ALSO OF ANTE-CHAMBER, SOUTH END OF GRAND GALLERY, AND VYSE'S HOLLOWS OF CONSTRUCTION, ABOVE KING'S CHAMBER. CROSSED LINES INDICATE GRANITE.

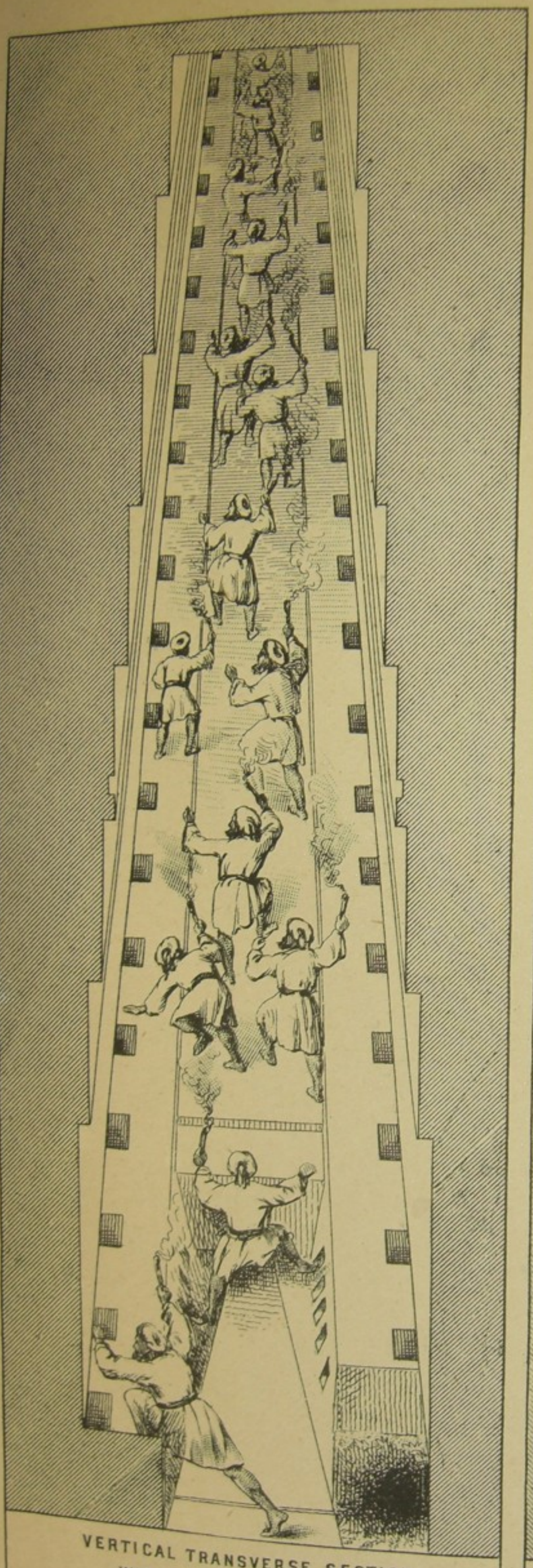
Scale of British Inches

100 50 0 100 200 300 400 500 600 700

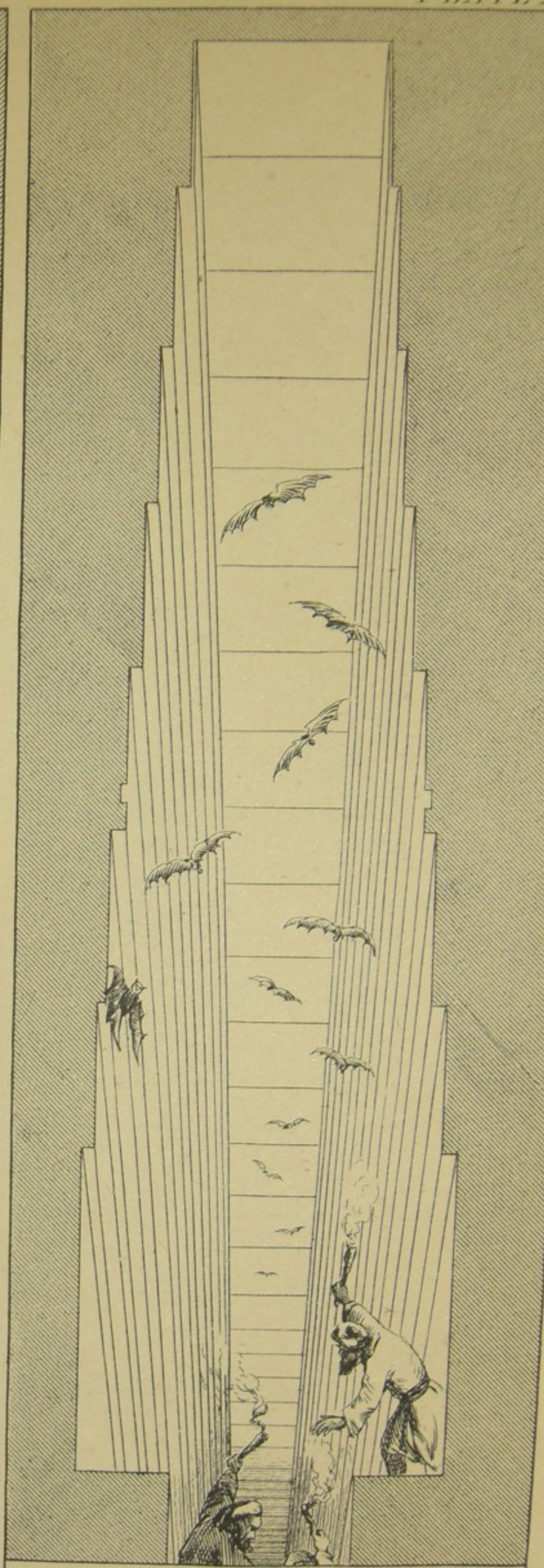
PIAZZI SMYTH. DEL.

A RITCHIE. EDIN.

See Chs 6. 9. 10. 19 & 25



VERTICAL TRANSVERSE SECTION
WITH ARABS ASCENDING
THE GRAND GALLERY, GR. PYR.D



VERTICAL TRANSVERSE SECTION
WITH ARABS DESCENDING
THE GRAND GALLERY, GR. PYR.D

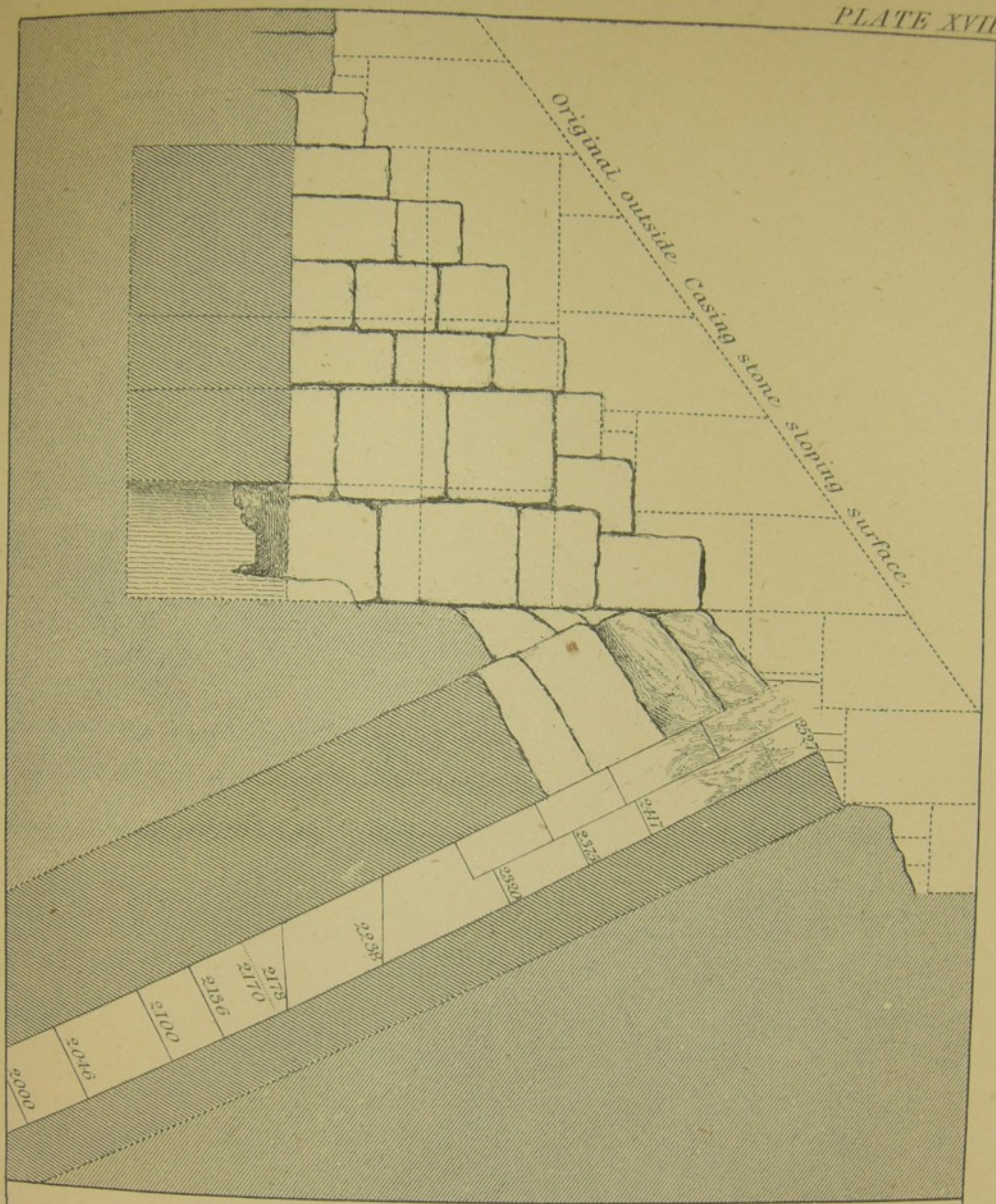
PIAZZI SMYTH. DEL

100 50 0 100

SCALE OF BRITISH INCHES FOR THE SECTIONAL PARTS ONLY.

A RITCHIE. EDIN.T

See Chs 6. 17 & 20.



VERTICAL SECTION (looking West.) OF
UPPER OR NORTH END OF ENTRANCE-PASSAGE
OF GREAT PYRAMID;
as it is now; and also by dotted lines, as it is supposed to have been when originally finished and closed up.

SCALE OF BRITISH INCHES
100 50 0 100 200 300 400

PIAZZI SMYTH DEL: A RITCHIE, EDIN.

See Ch. 20.