

A
NEW THESIS
ON THE
HISTORY
OF THE
NEWPORT TOWER

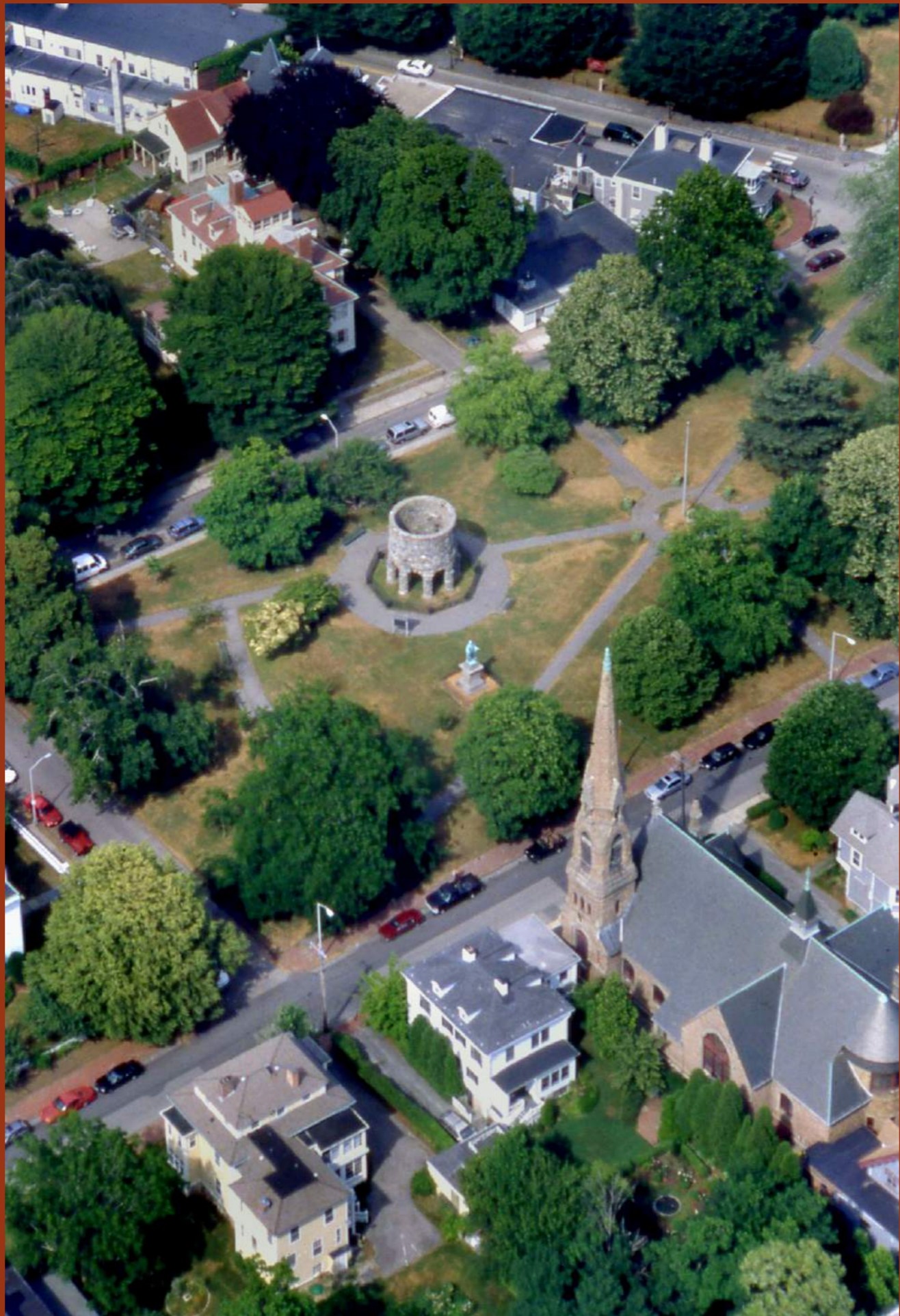






















GOVERNOR
BENEDICT
ARNOLD

Deprayed out of my y^e seasonall
at the North East Corner of
my Stone-buriall Win Millin
Exerted over the Urnasse of my
Day of August 1677: And I desire
ex her Decreas may be Buried





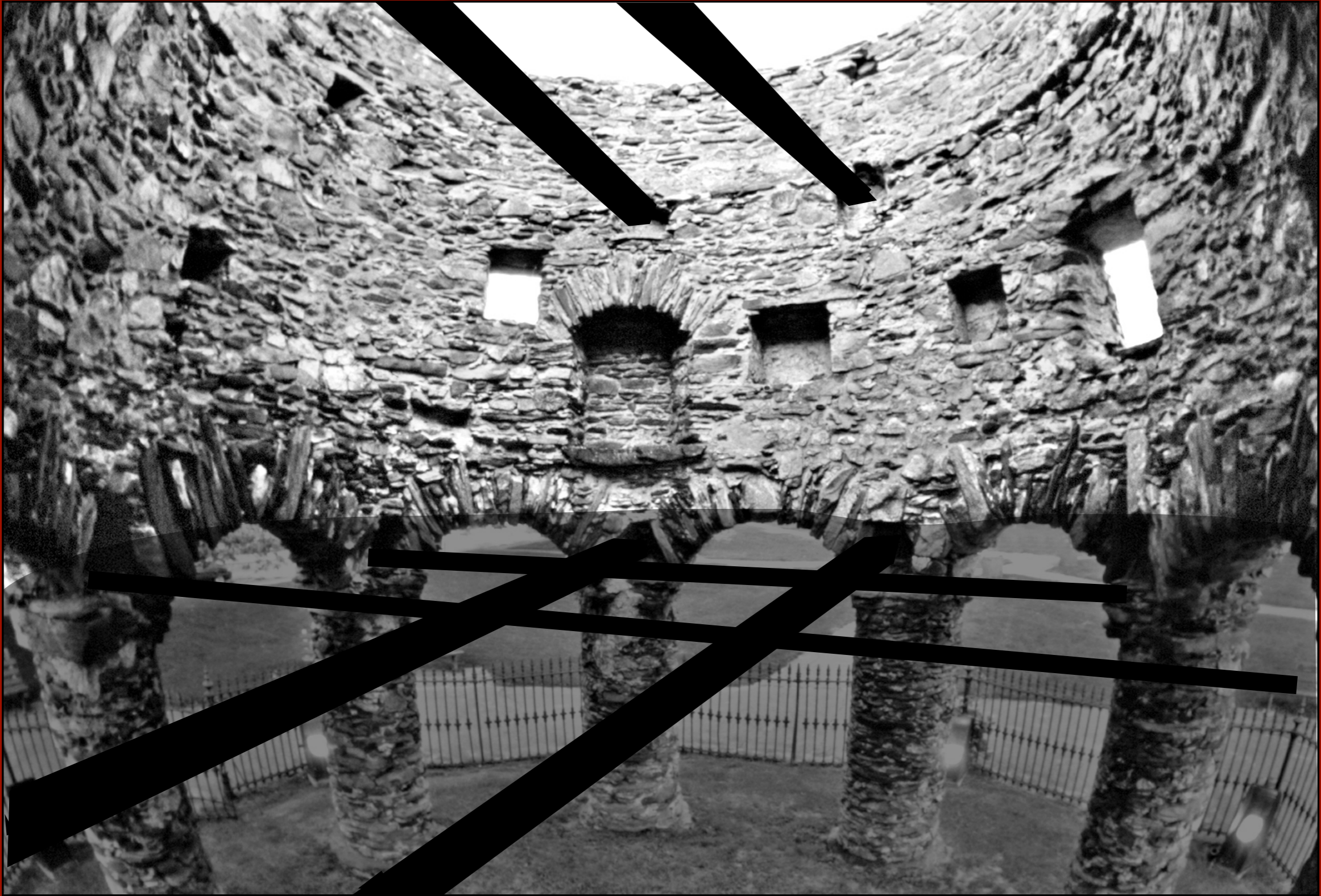
PHILIP
AINSWORTH
MEANS

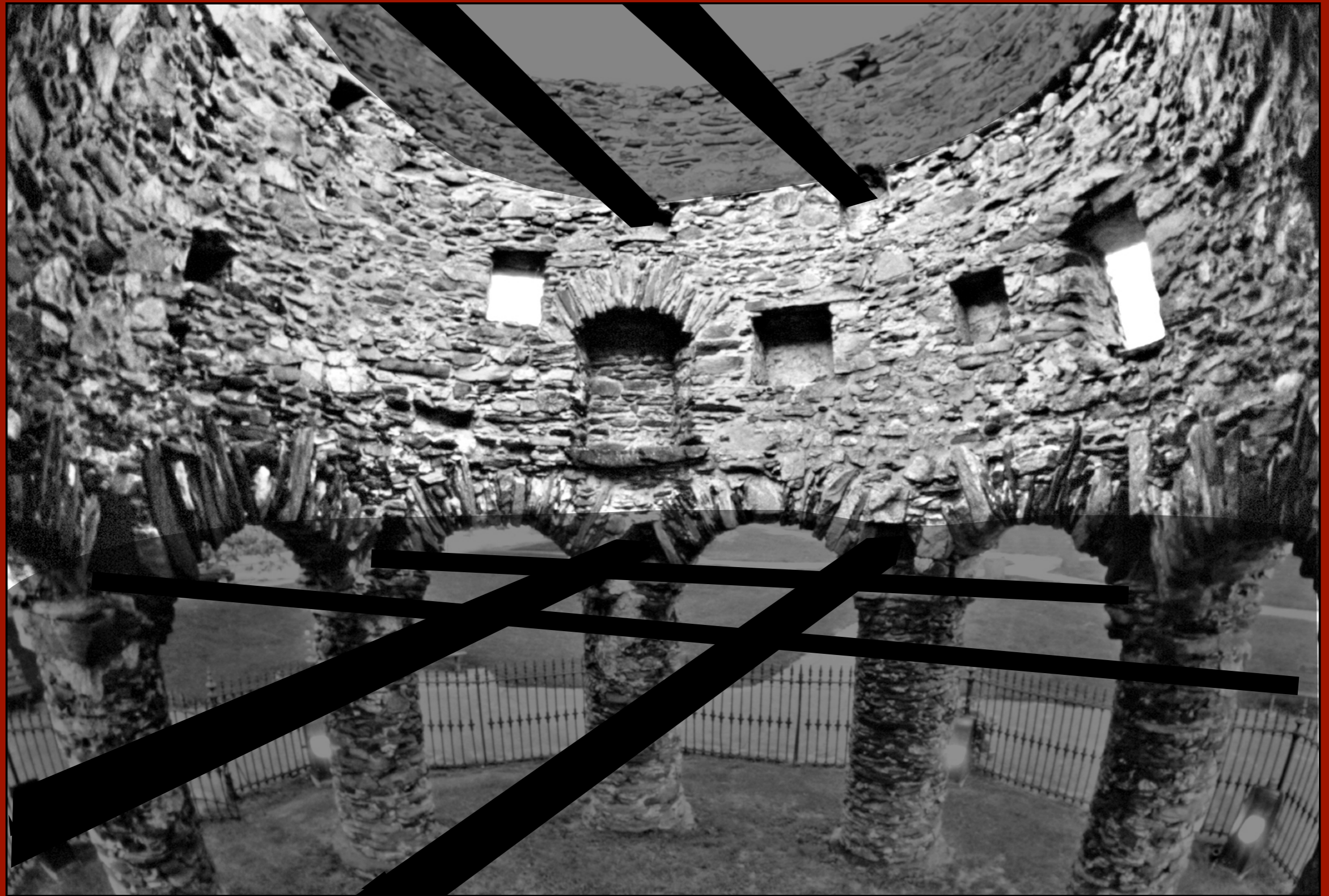


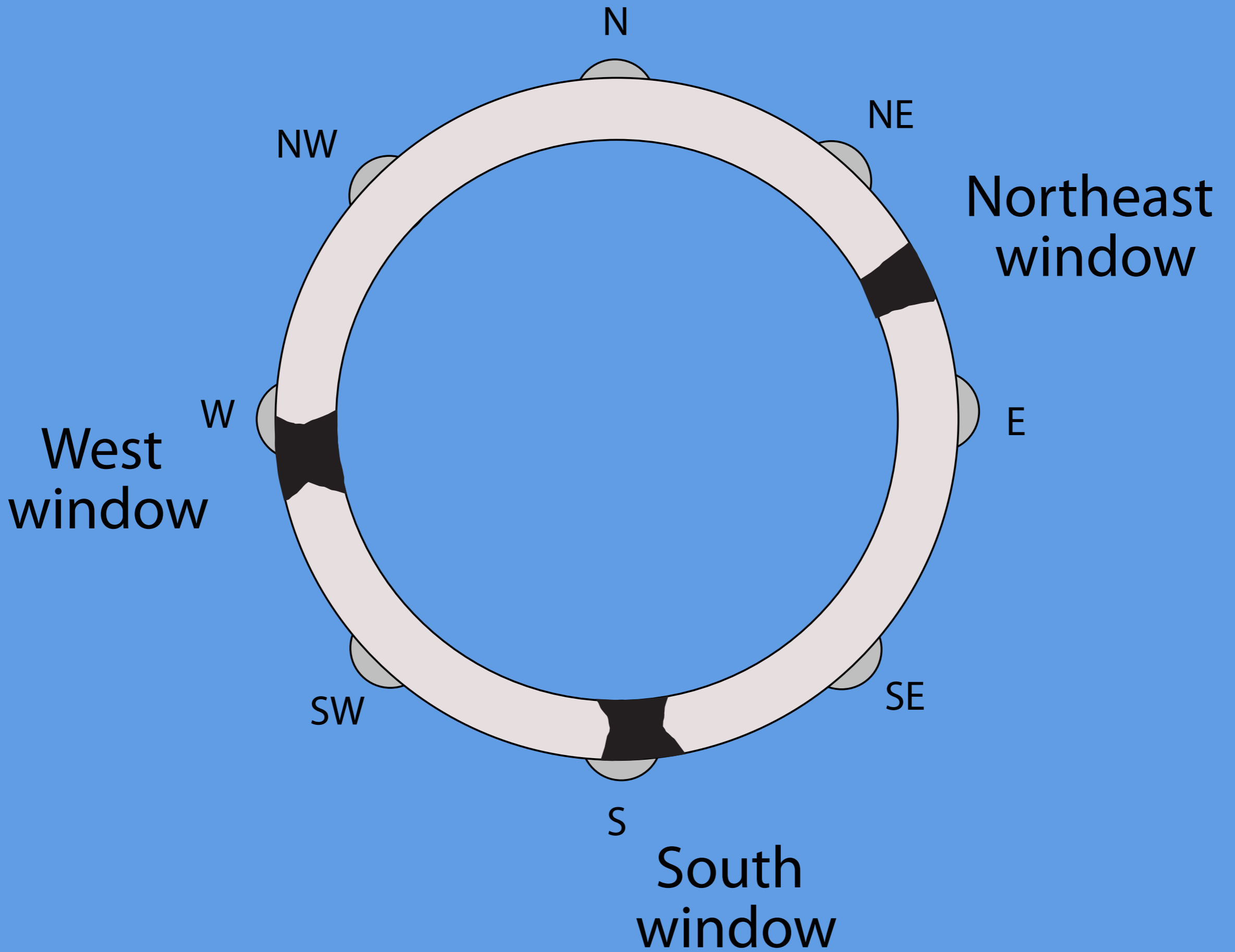












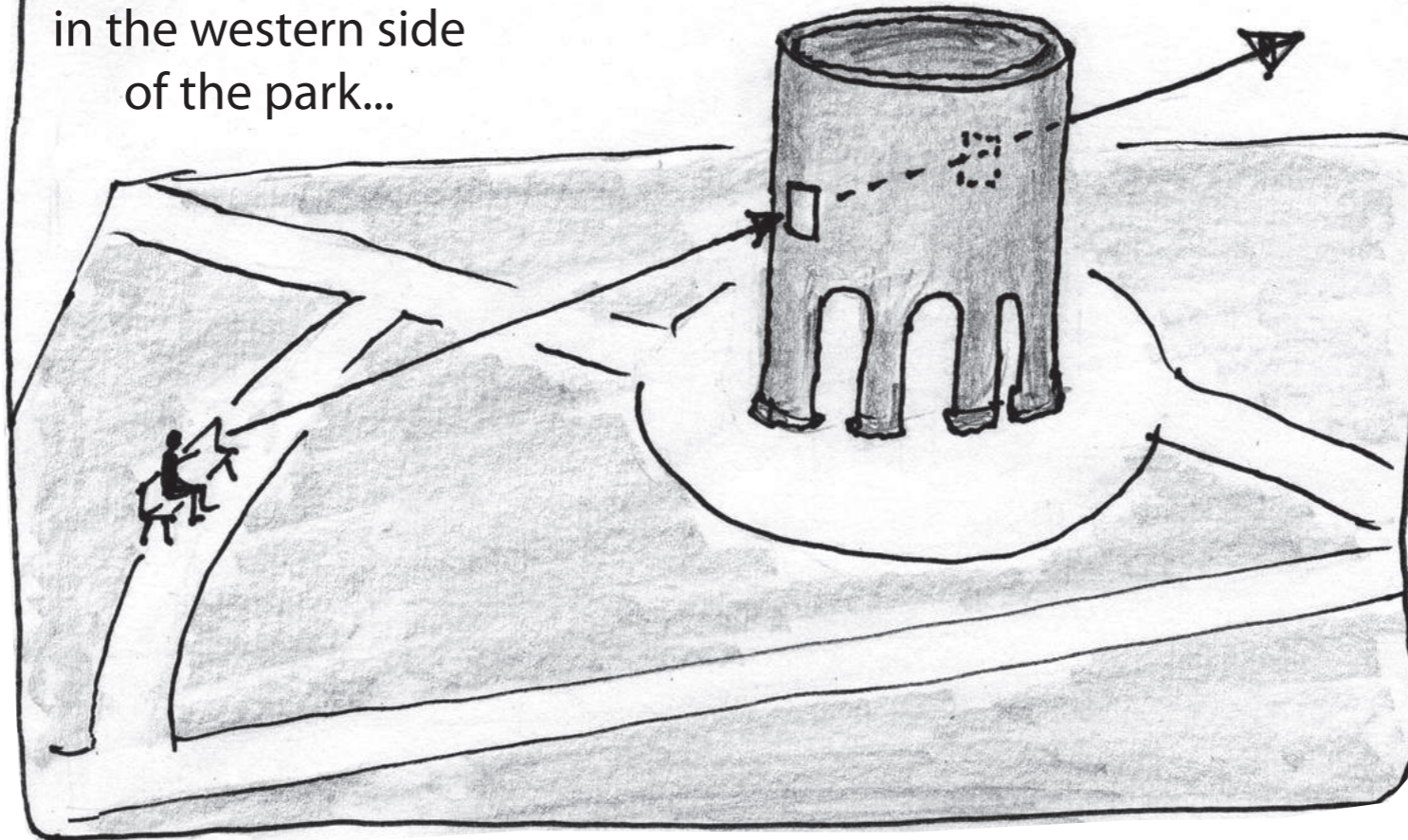


POSITION 1

From the
end of a park bench
in the western side
of the park...

...through the
west window...

...and through the
northeast window.



“... on December 25, 1996

the full moon will rise above the eastern horizon
and be visible through the northeast and west windows
from Position 1 on the park bench.”



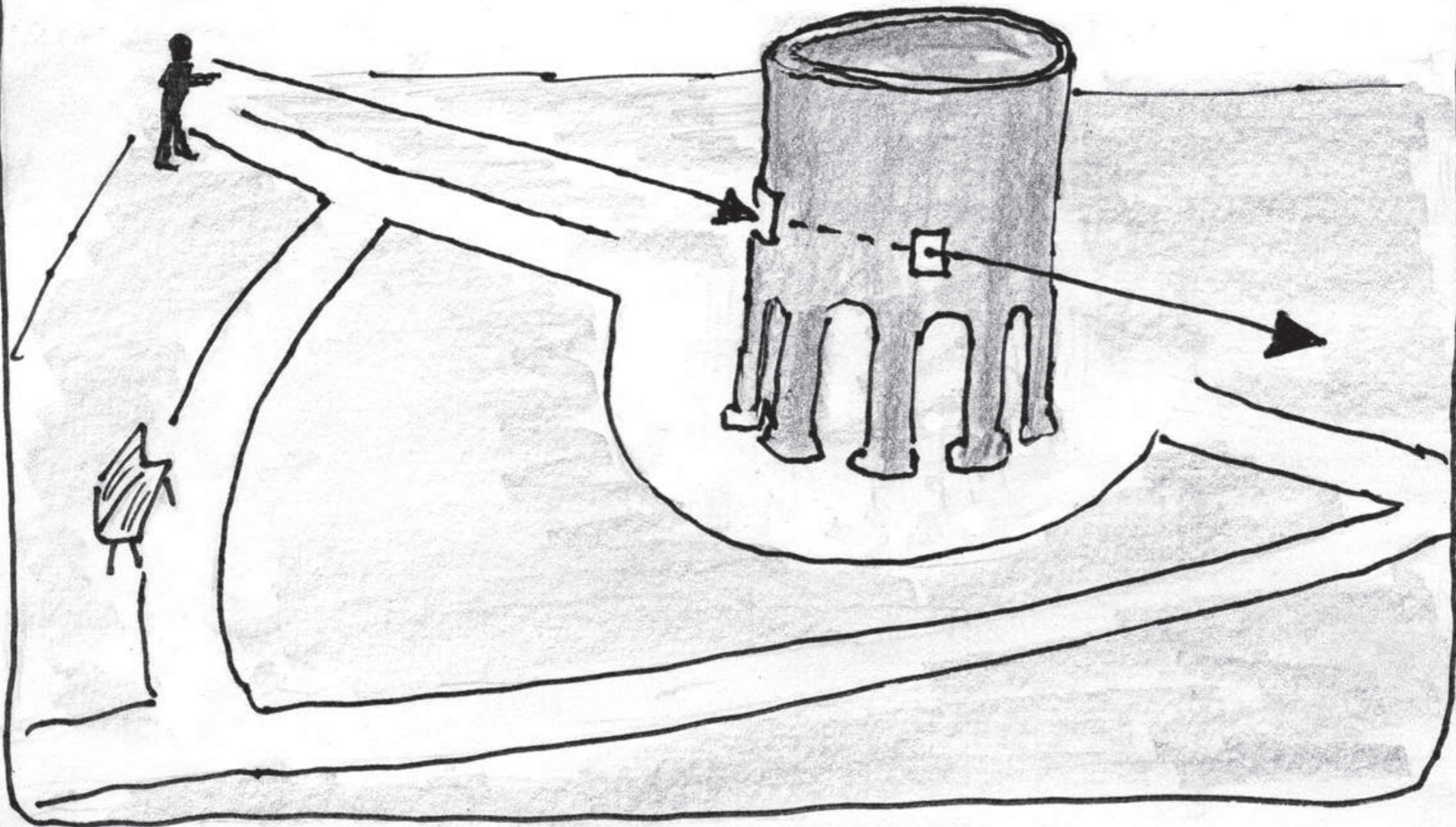


POSITION 2

From next to
the walkway
at the extreme
Northwest corner
of the park...

...through the
West window...

...and through the
South window.

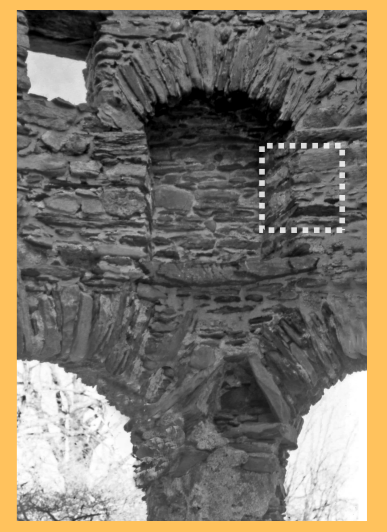












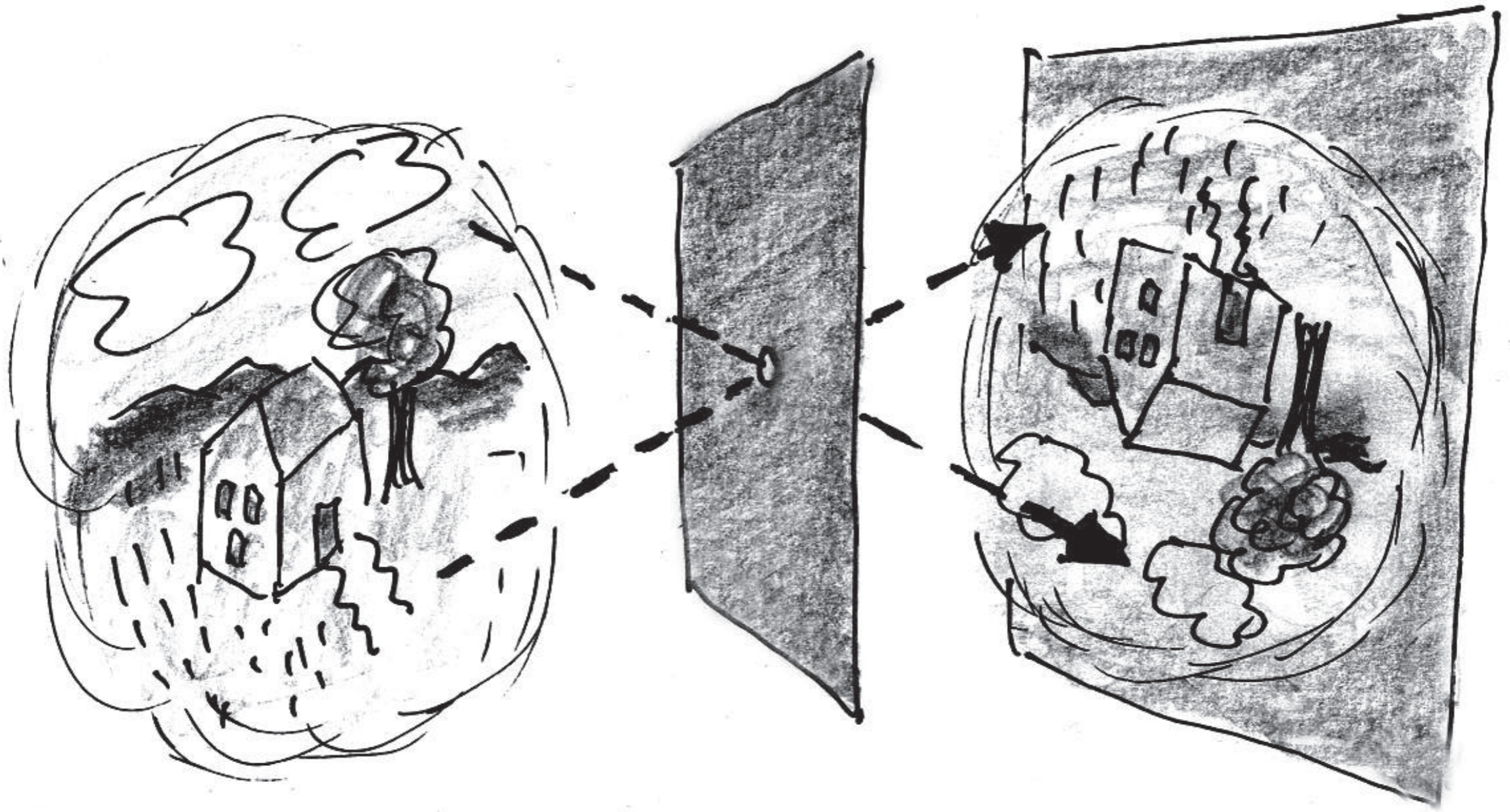
The progress of the patch of sunlight coming through the West window just before sunset on the Equinox.

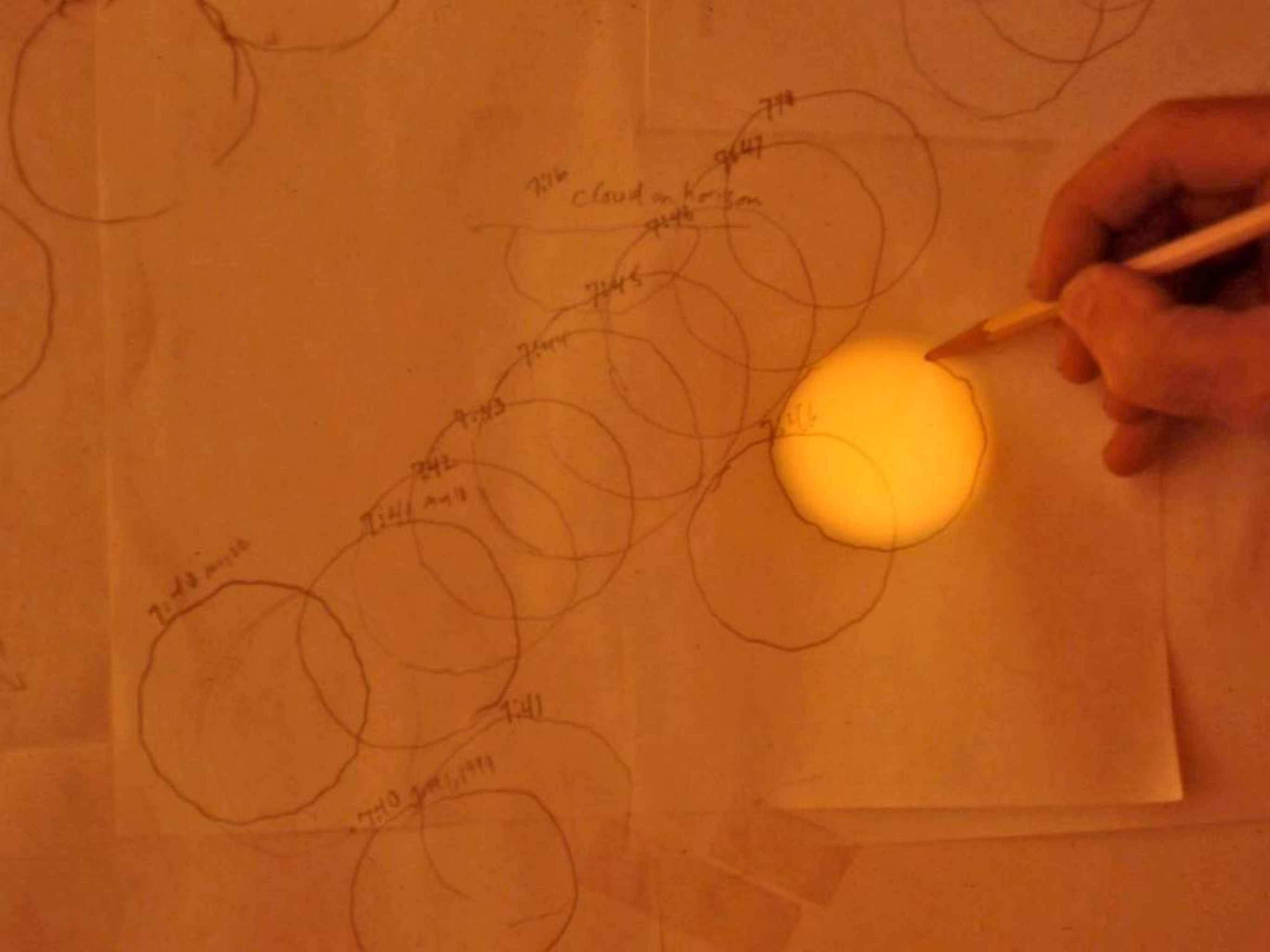


camera obscura

solar disc

calendar room





7:40

7:41

7:42

7:43

7:44

7:45

7:46

cloud on horizon

7:48

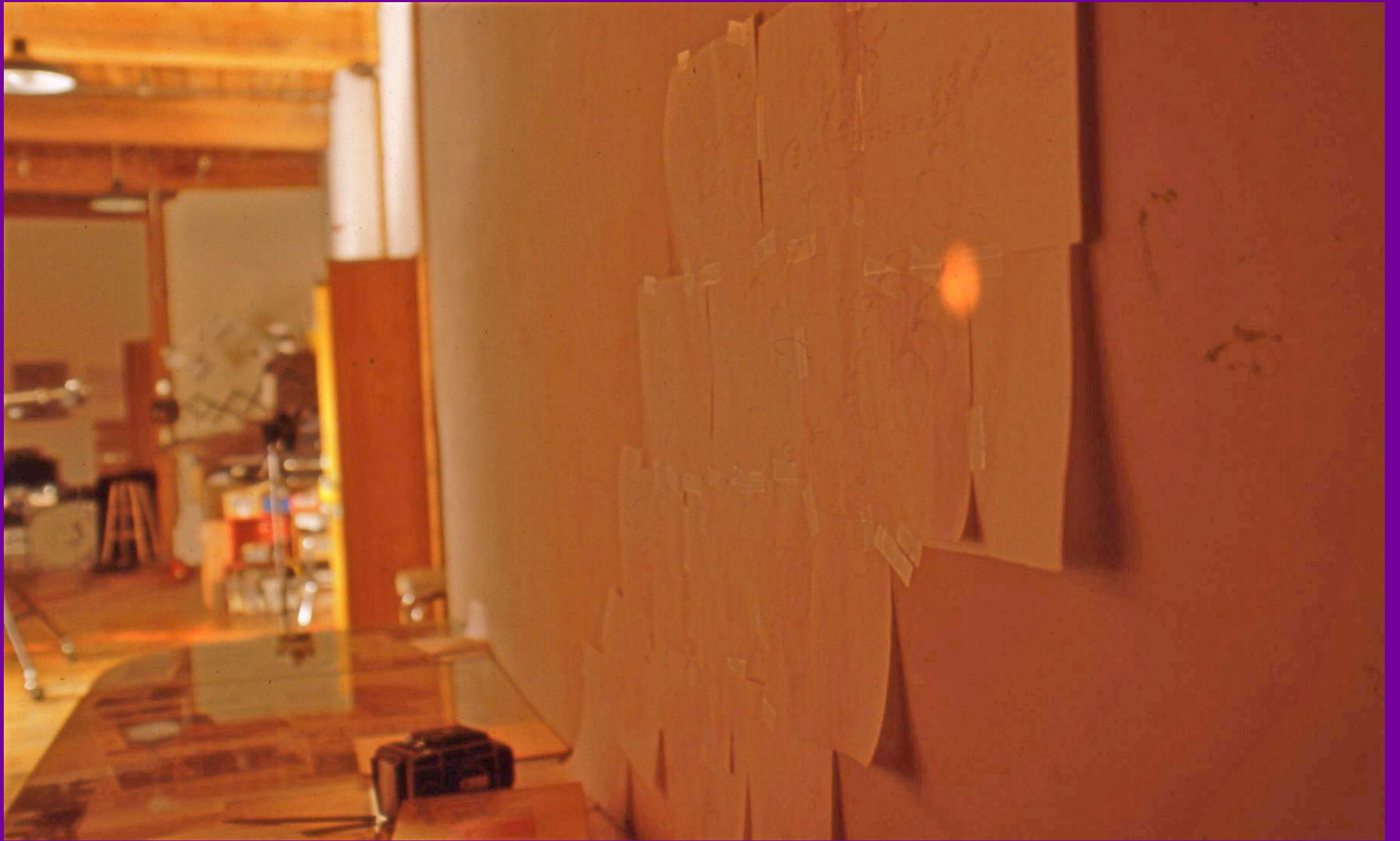
7:47

7:49

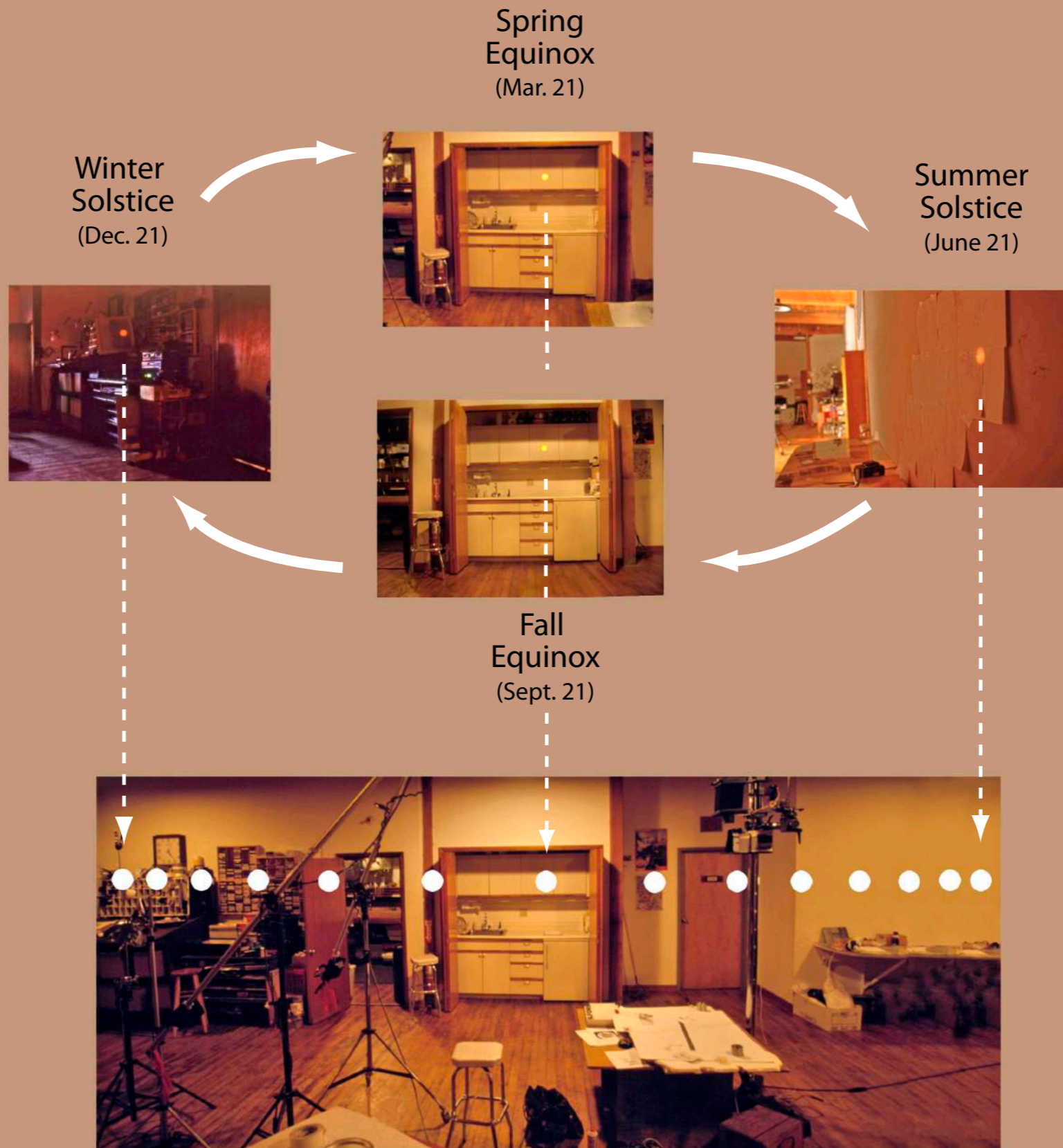
O.H.T.

7:41

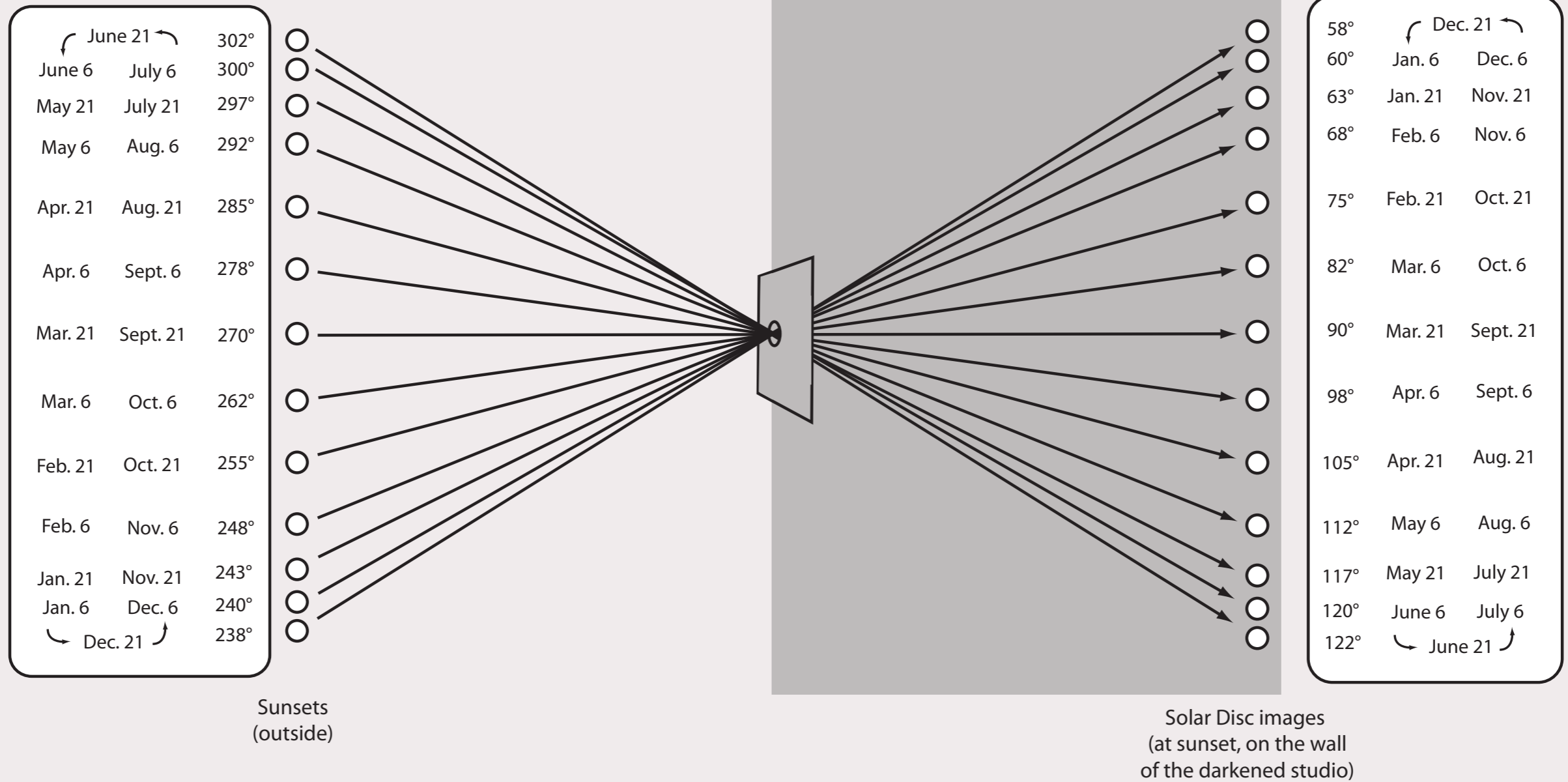
7:46



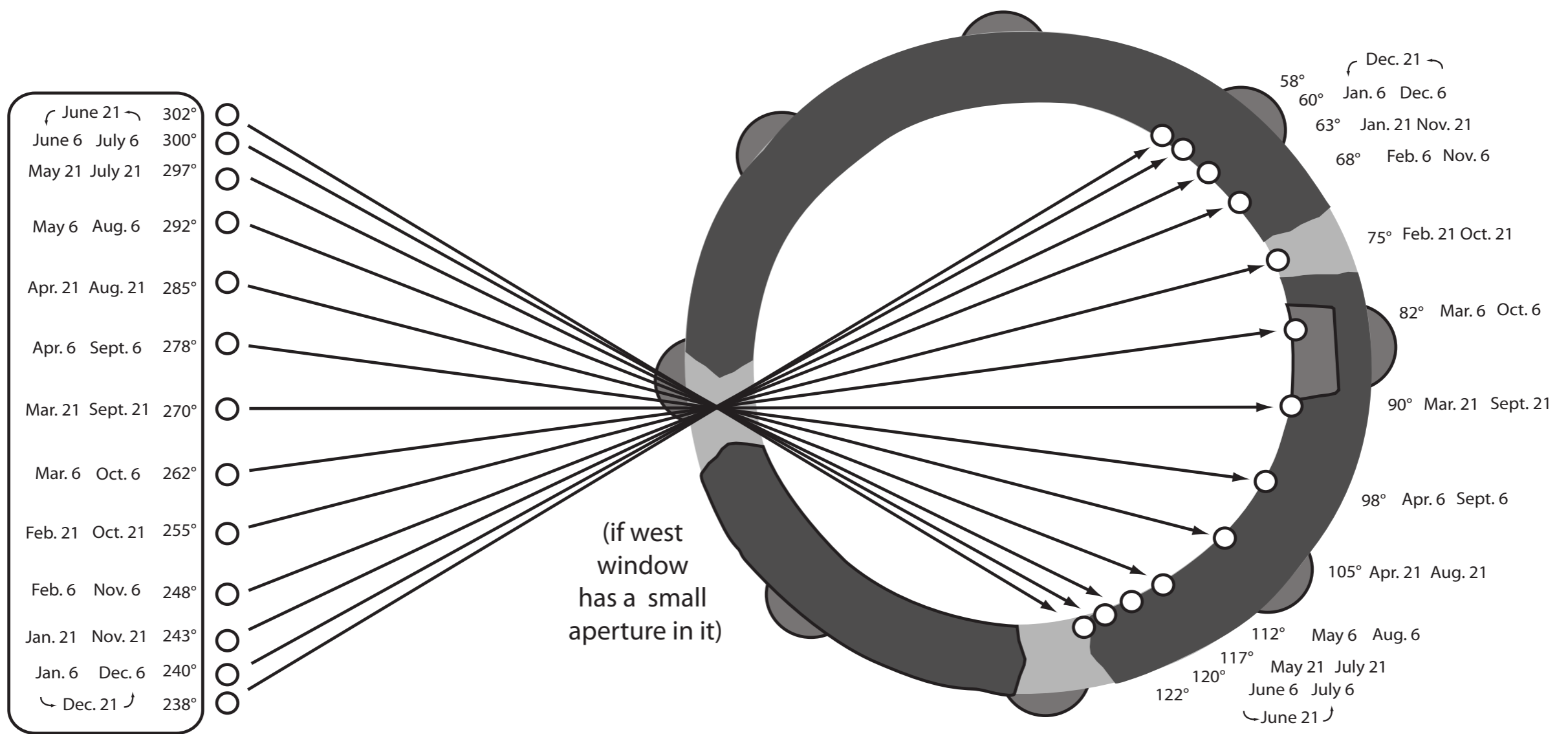
camera obscura and solar disc calendar in my photography studio



Bird's-eye View of Camera Obscura Calendar in the Photostudio



Bird's-eye View of Camera Obscura Calendar in the First floor room of the Tower



Dec. 21	Dec. 6	Nov. 21	Nov. 6	Oct. 21	Oct. 6	Sept. 21	Sept. 6	Aug. 21	Aug. 6	July 21	June 6	June 21
	Jan. 6	Jan. 21	Feb. 6	Feb. 21	Mar. 6	Mar. 21	Apr. 6	Apr. 21	May 6	May 21	July 6	
	58°	60°	63°	68°	75°	82°	90°	98°	105°	112°	117°	120° 122°



Approximate location of solar discs at sunset throughout the year













“In a darkened room, I used a convex lens to project the image of a river ...which is being shined upon by the sun.

It looked like millions of shining fish scales,
which sparkled as the Sun, Wind, and River changed.”

Robert Boyle



Digital simulation of the
solar disc at sunset
at various times of the year.

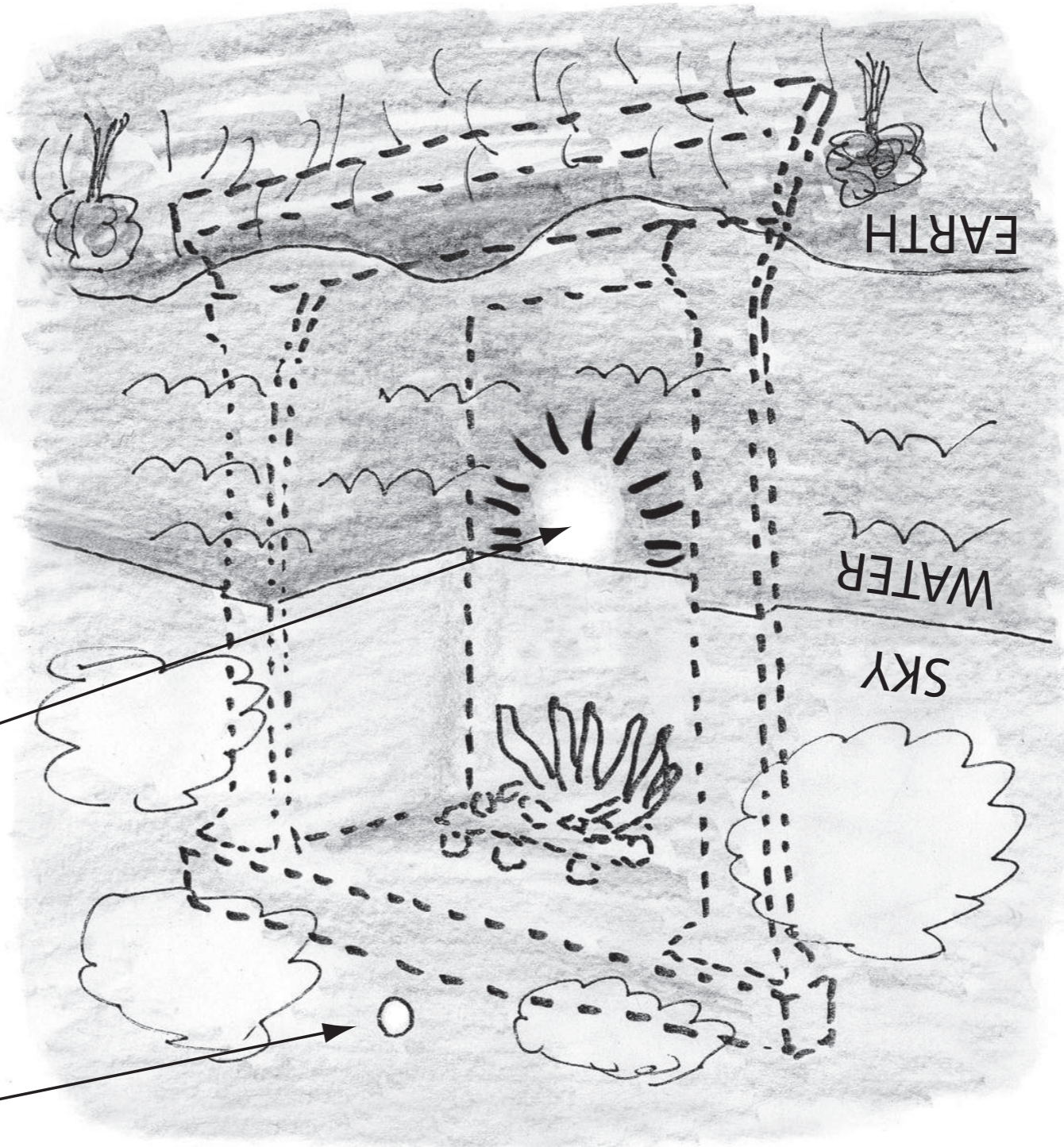
Various positions
of the solar disc
during the
Equinox sunset











FIERY WATER
(sun reflecting off
the water's surface)

SOLAR DISC
(approximately
one half hour
before sunset
on the Equinox)

Who would have designed
the Tower with these
Astronomical alignments?