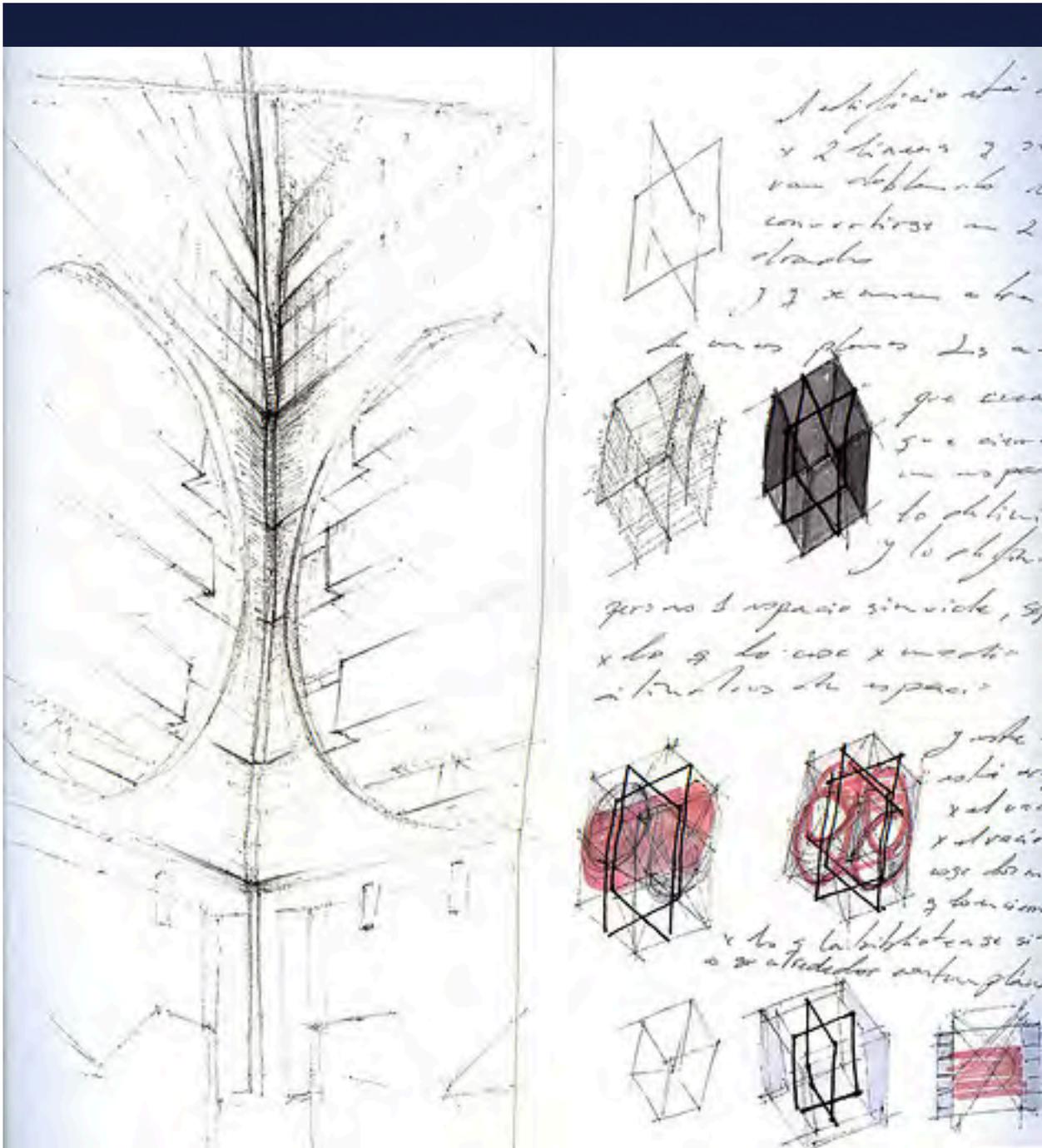
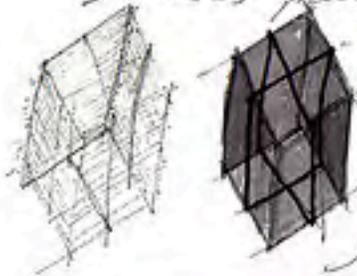


Exeter Library

Moving from dark to light
Louis Kahn 1965 (design)

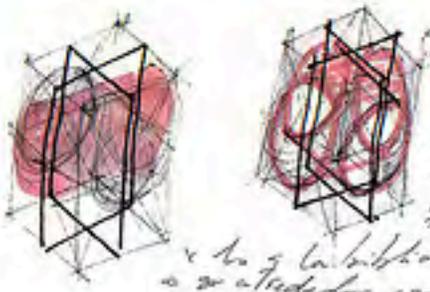


...
x 2 líneas 3 ...
van deblando ...
convirtiéndose en 2
planos



...
que crea
su atmósfera
en un espacio
de oblique
y de oblique

...
pero no el espacio sin vida, si
x lo q lo vive x medio
de la luz de espacio

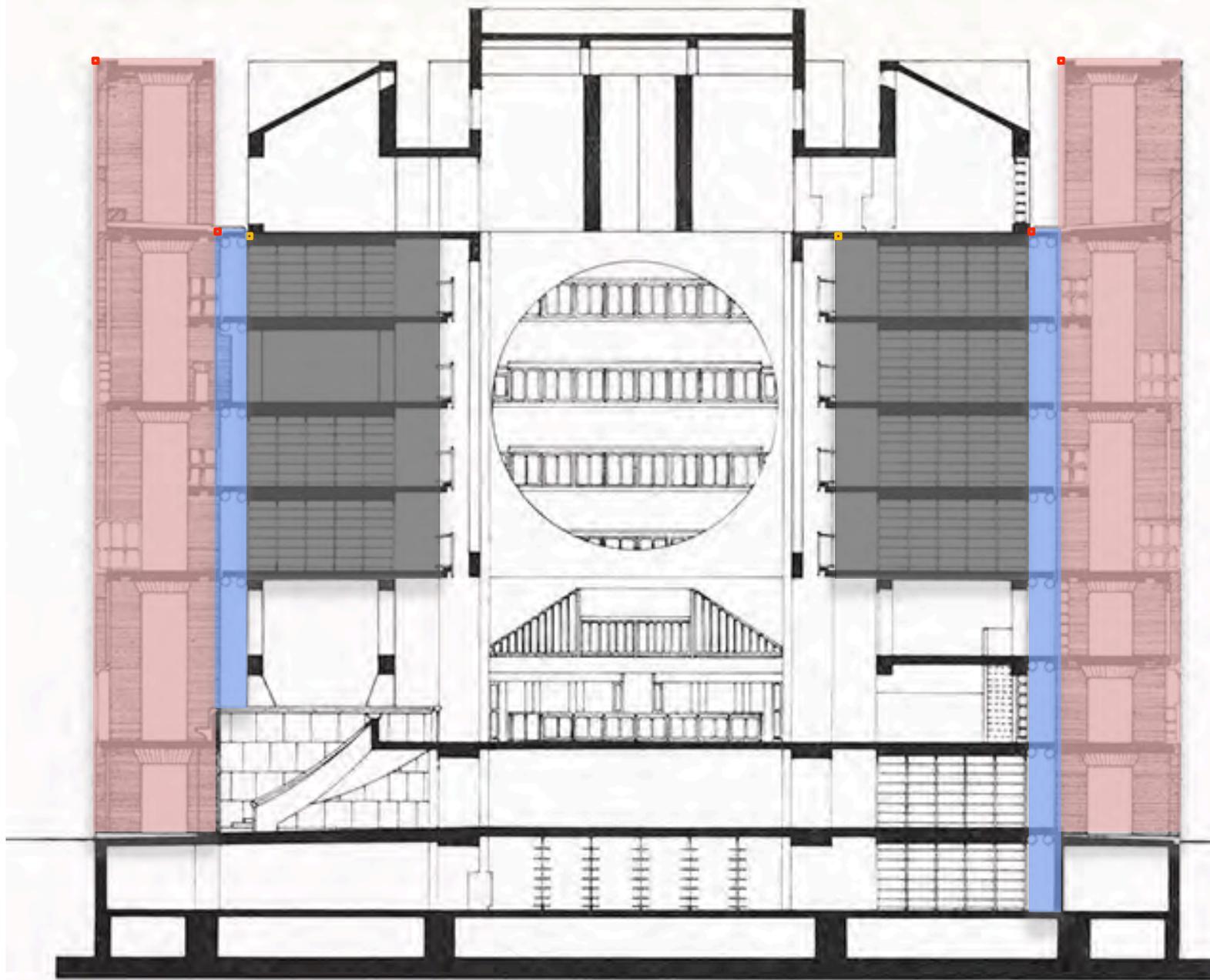


...
y así
y así
x así
y así
y así

...
x lo q la biblioteca se
a su alrededor con un plano



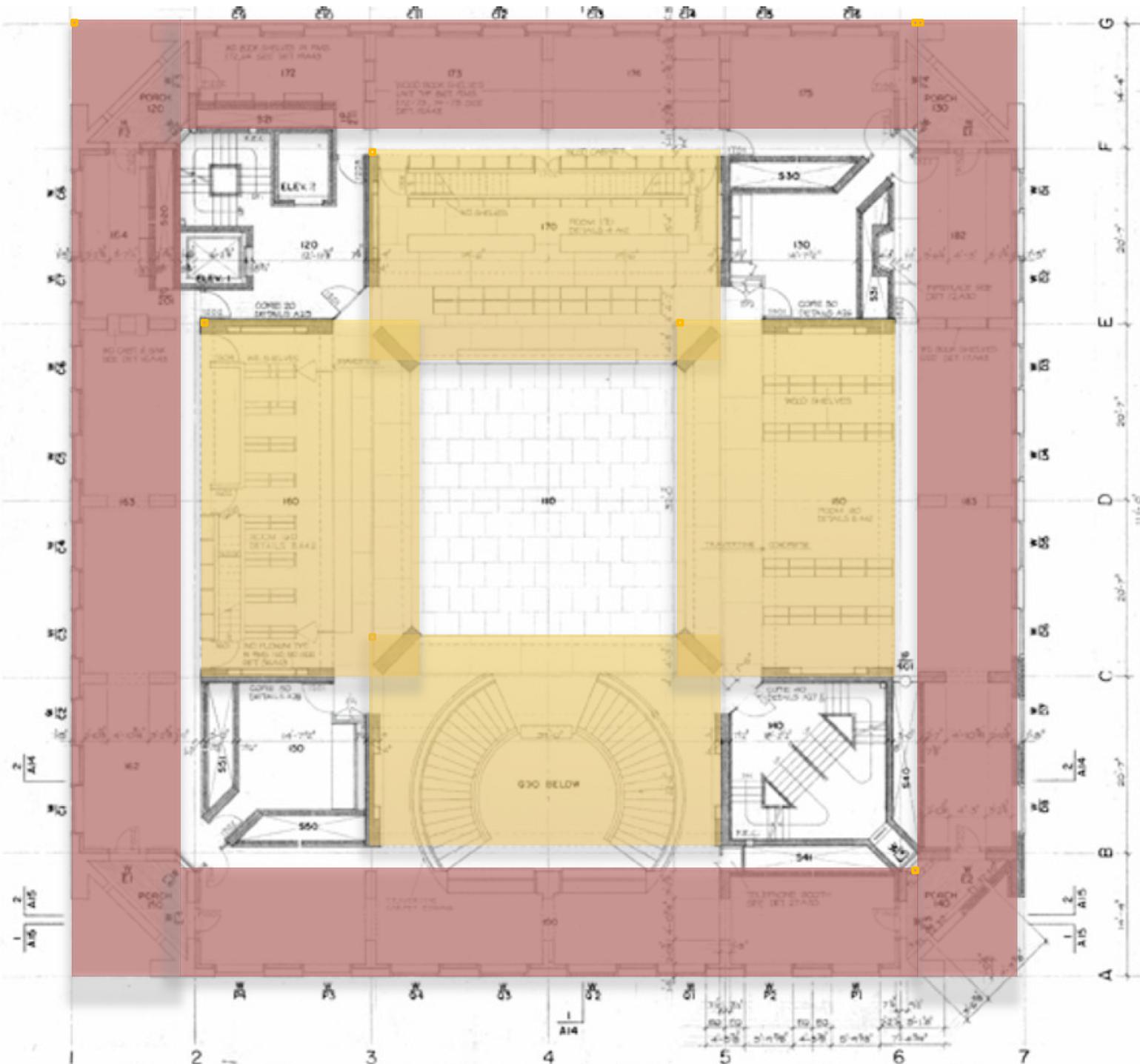
The library
...a place for the mind



M 2 4 6
10 20 F

And
between
darkness
and light
a place
for the
servants
of space

A place
where a
student
takes a
book
from the
darknes
s of the
stack, to
the
light, to
read

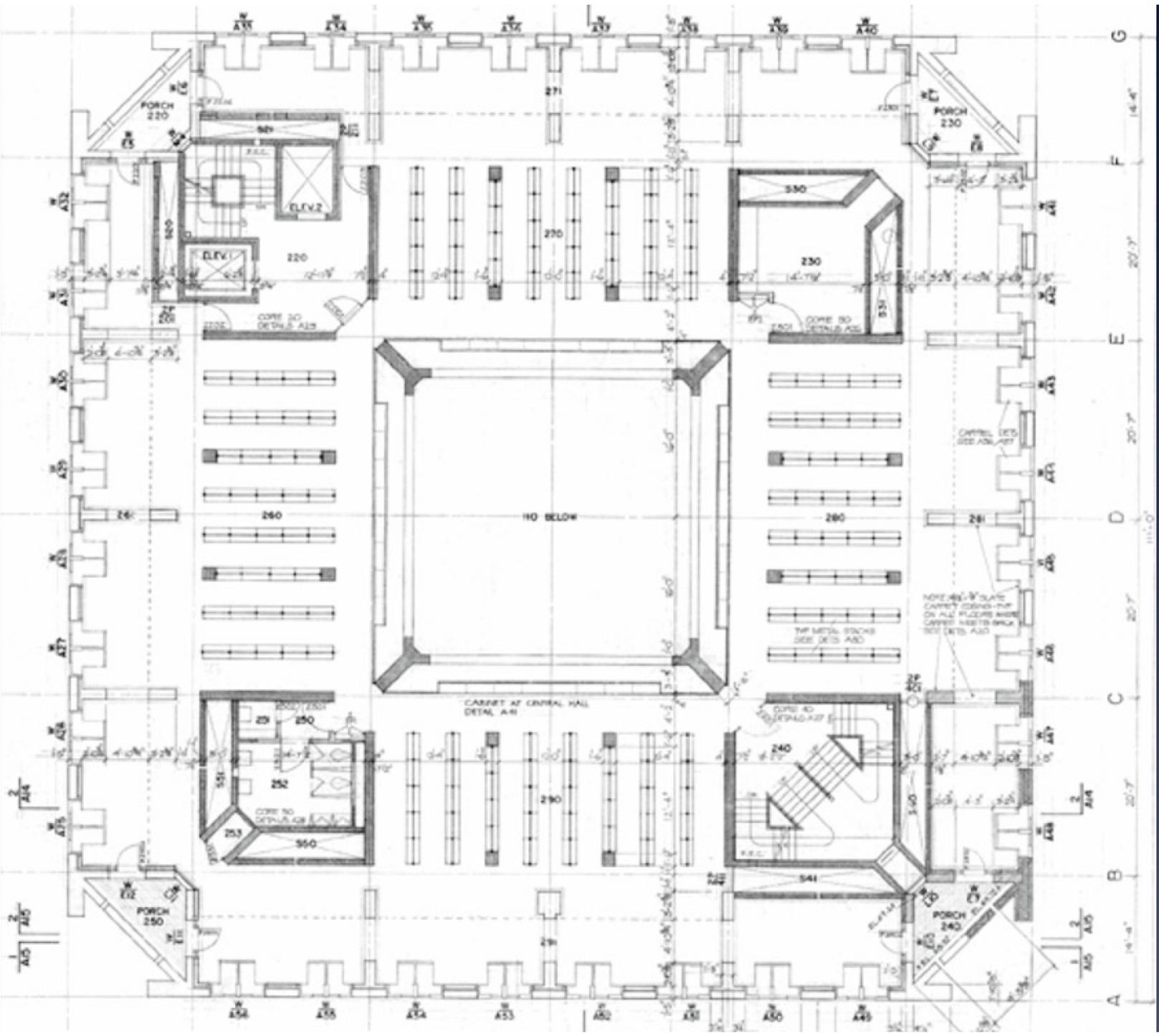


Two realms:
Concrete
for books

Brick for
people

And
between,
ductwork
and
walkway

In the corners
.. Firestairs
..elevators
..duct chases
..meeting
rooms







Outside, the order of brick

Everything in its order

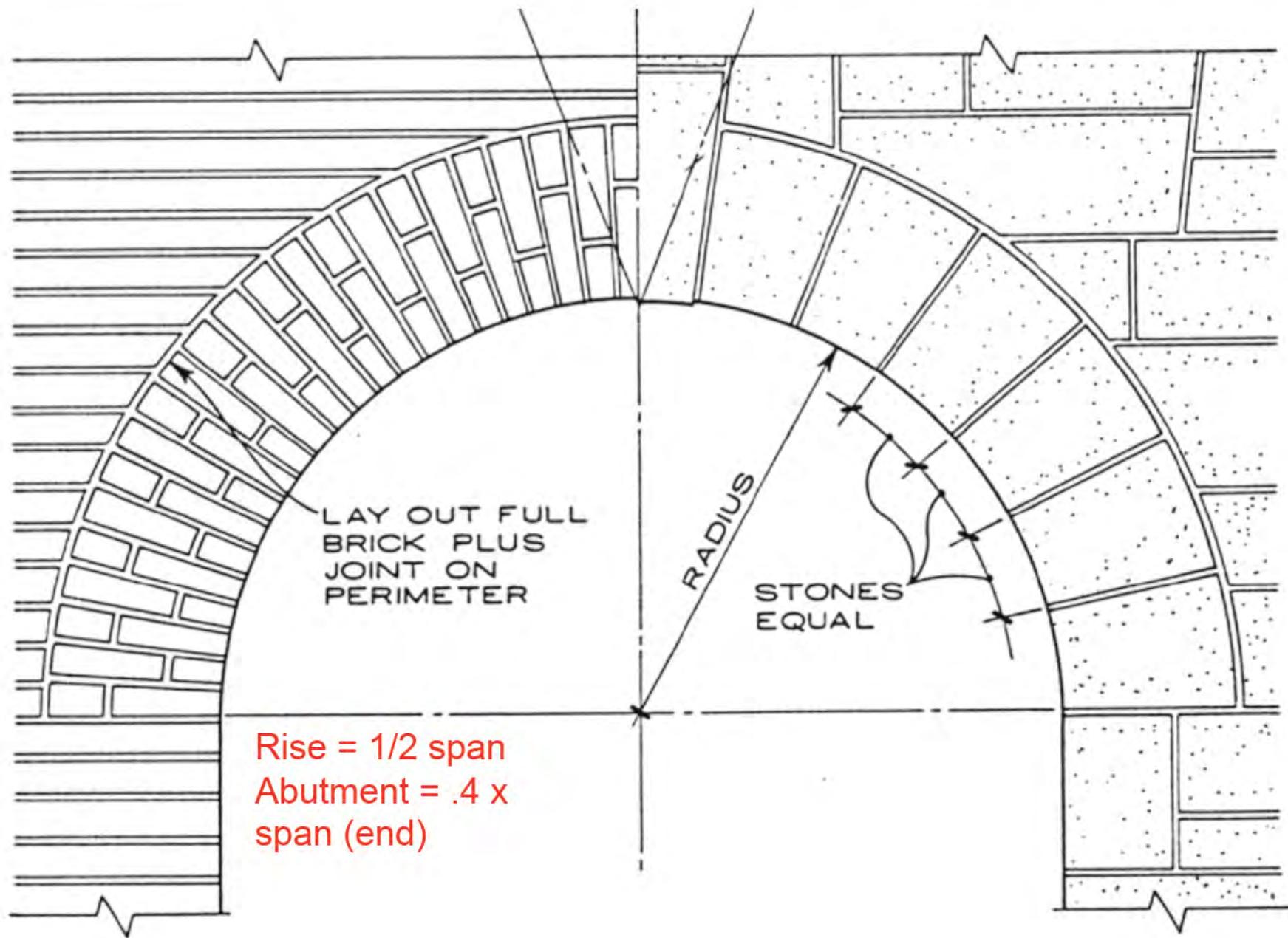
Kahn might just explain the idea of order by saying "Order Is"

Kahn is the architect that said "I asked a brick what it wanted to be, and it said, an arch"

He was a believer in the essences of things

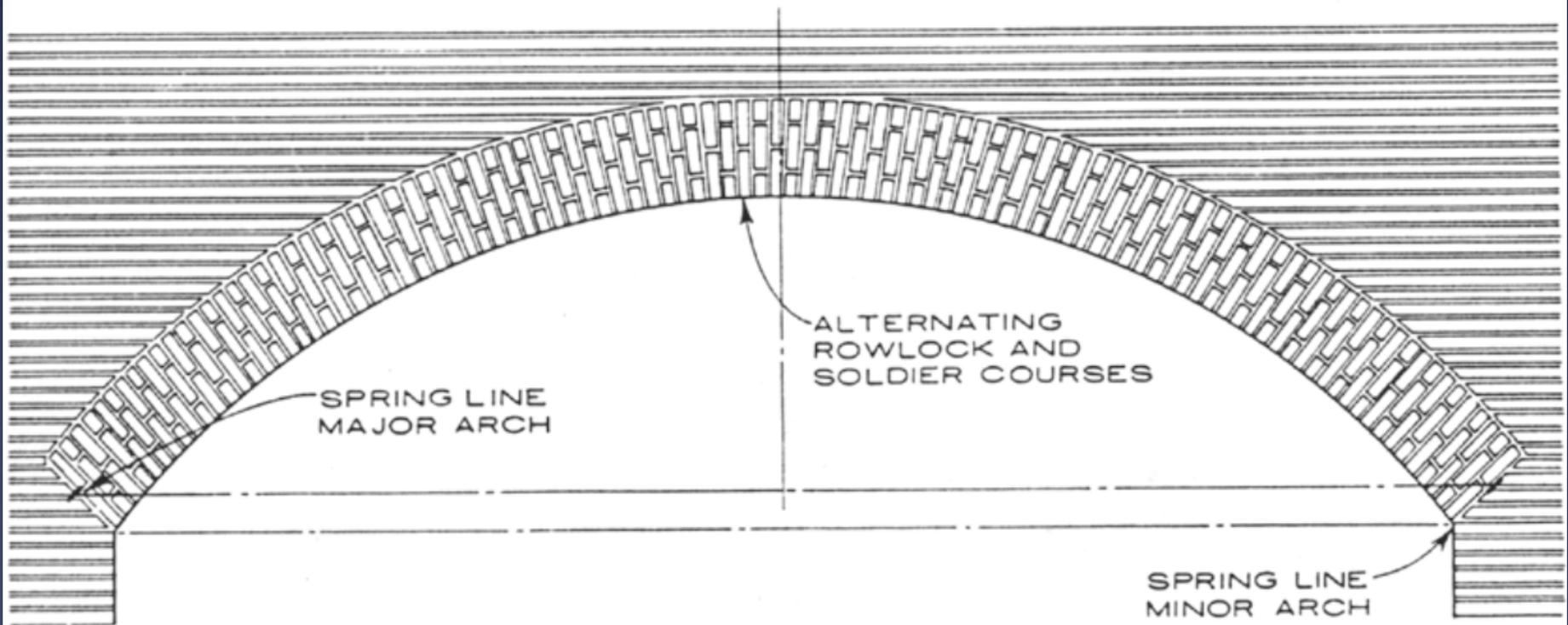


Semi-Circular or Roman arch

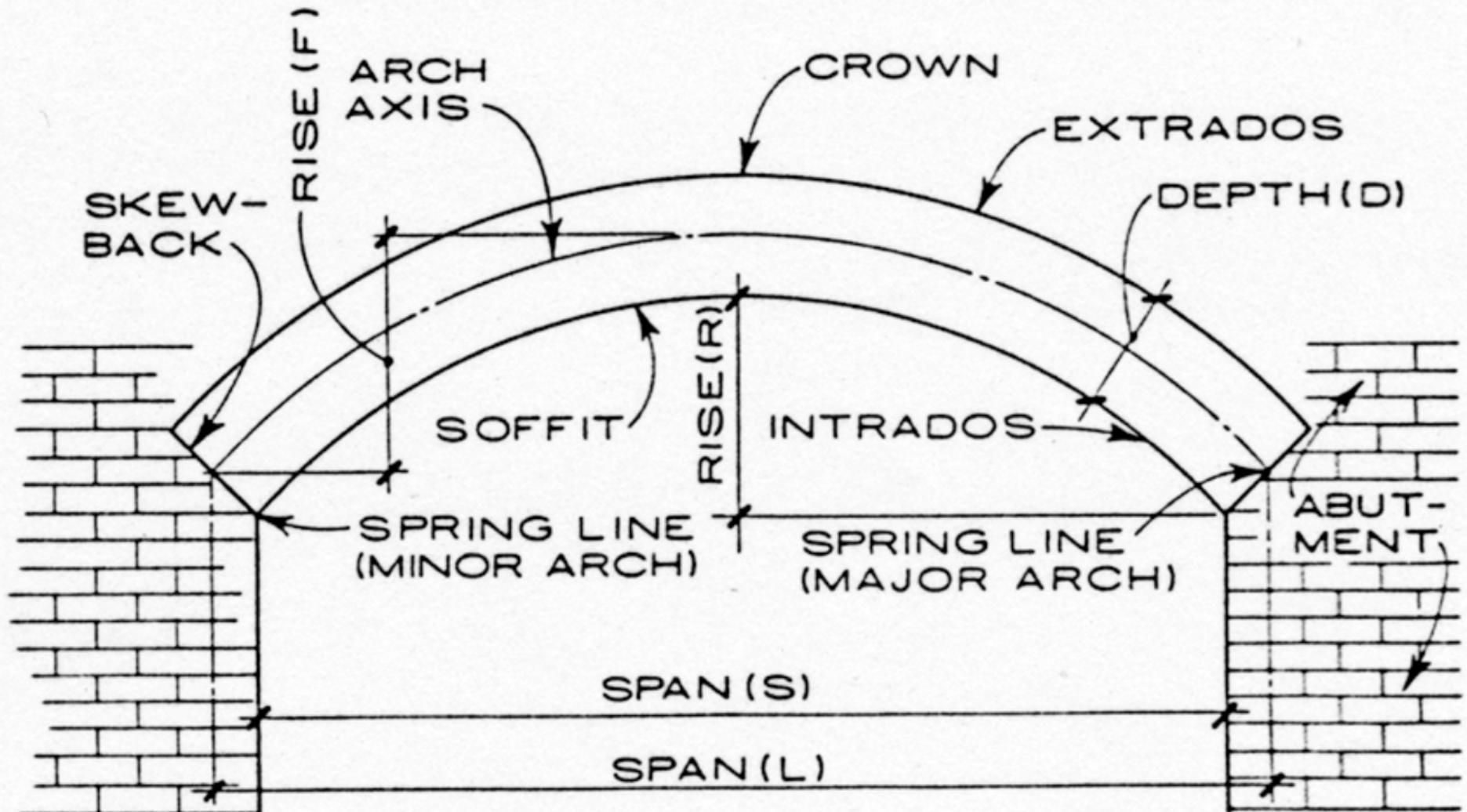


Rise = $\frac{1}{2}$ span
Abutment = $.4 \times$ span (end)

Segmental arch

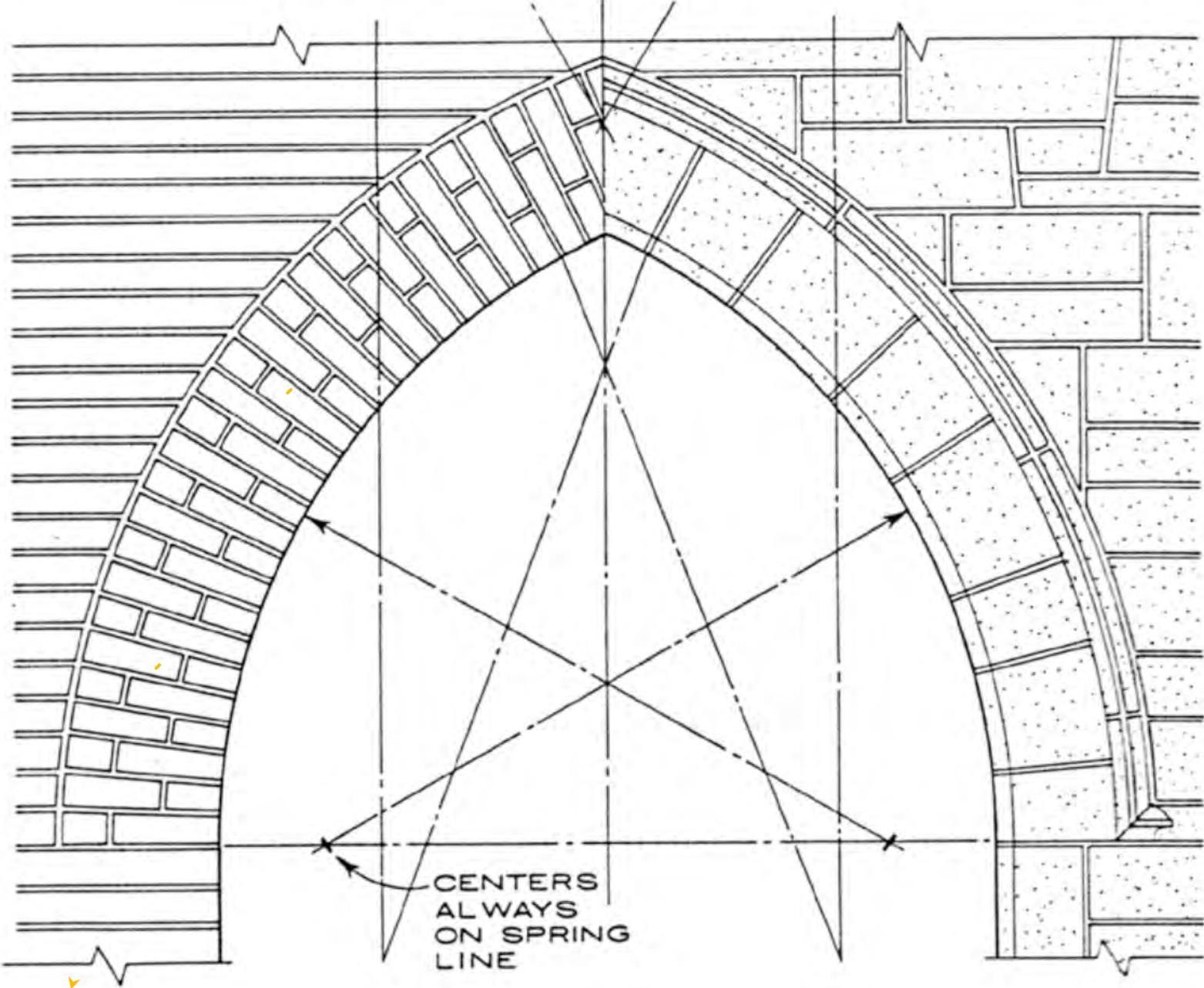


Flat arches, are they really arches?

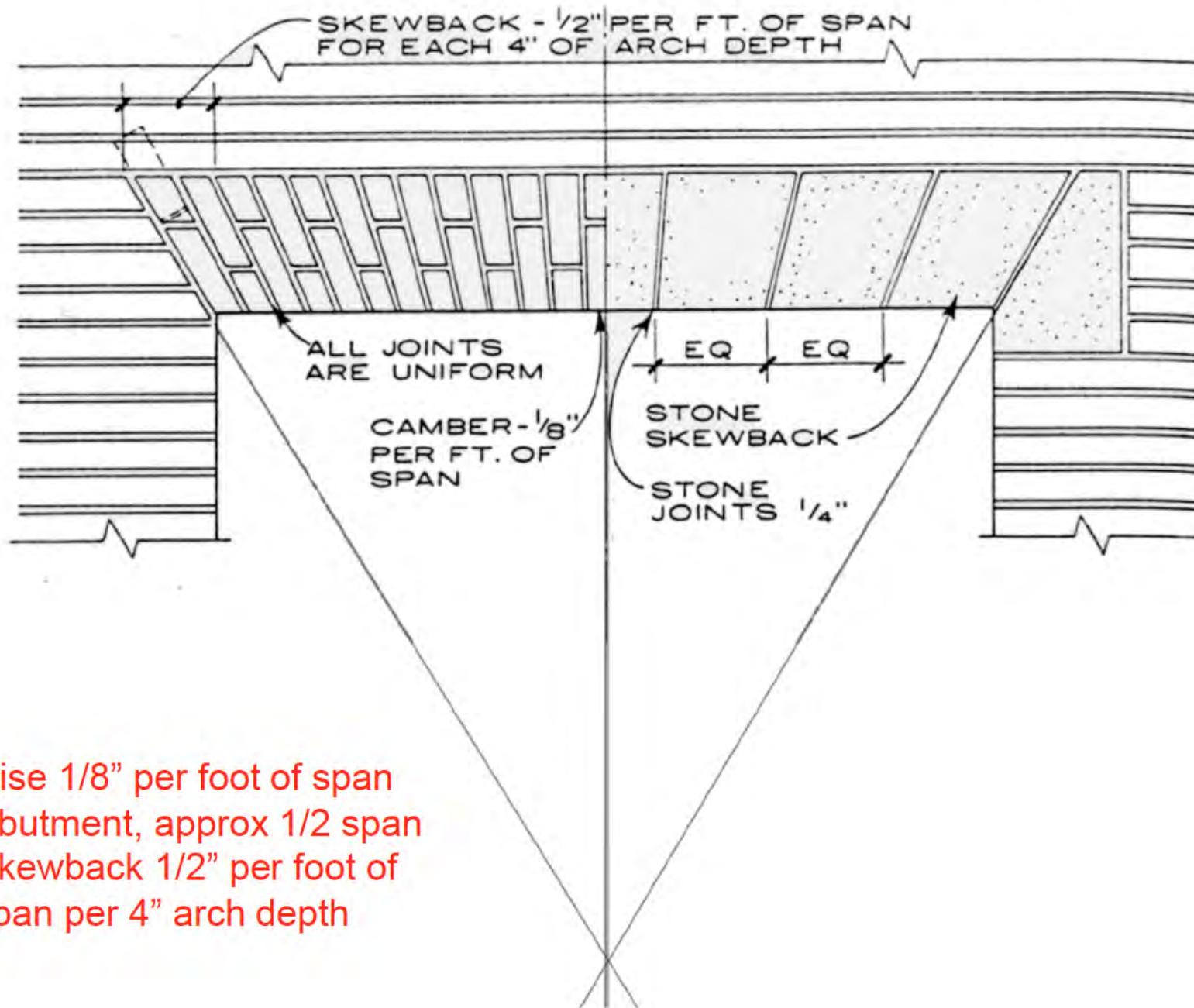


This is what is called a “segmented” arch, it is a part of a circle

Gothic or Pointed arch



Flat or Jack arch



Rise $\frac{1}{8}$ " per foot of span
Abutment, approx $\frac{1}{2}$ span
Skewback $\frac{1}{2}$ " per foot of span per 4" arch depth



Kahn believed in arches

Arches at Exeter, increasing in span the higher up they go? Why?

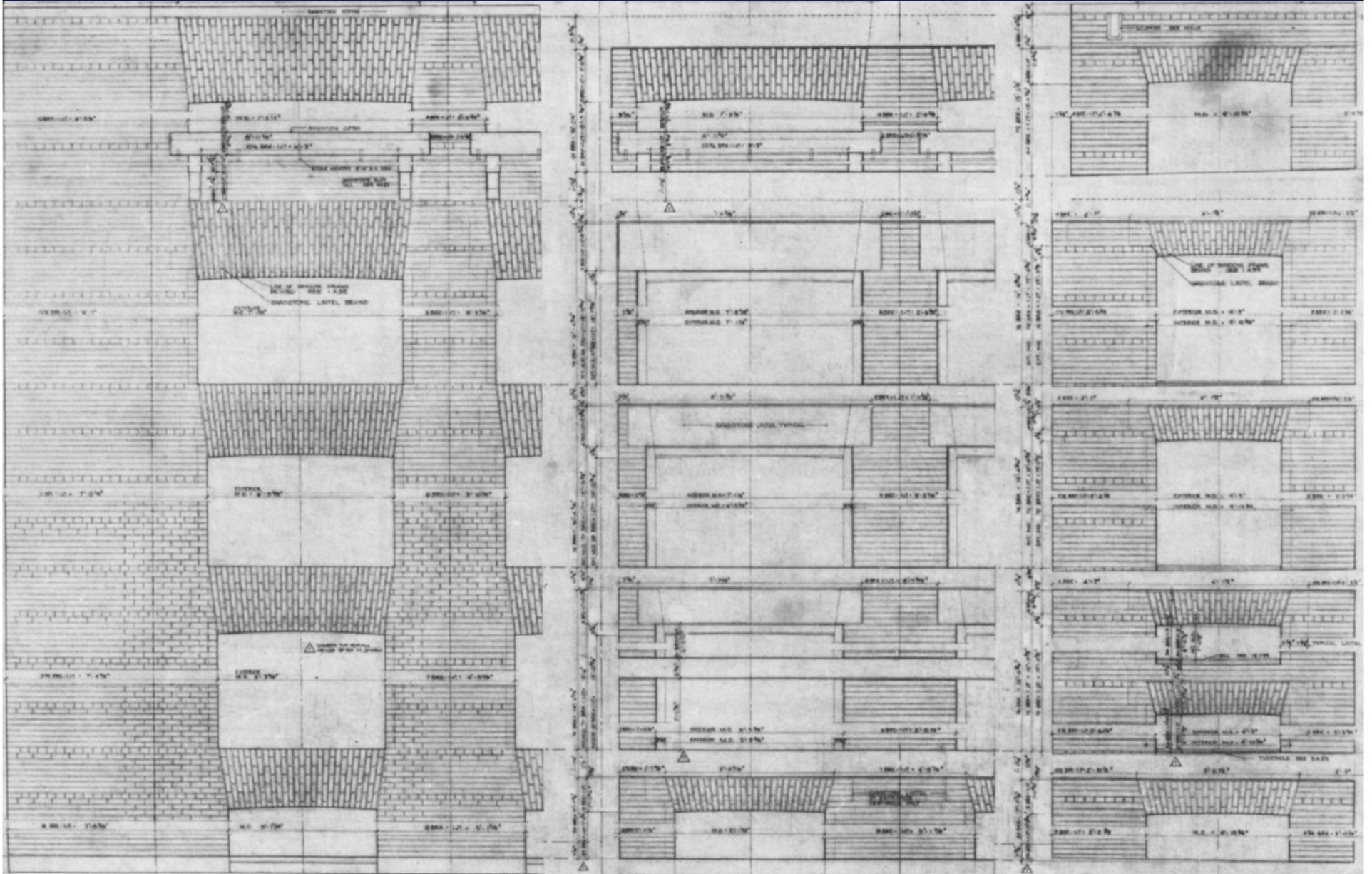
- A. The center of the piers are farther apart
- B. It lets in more light
- C. The piers are thinner up high because they carry fewer floor loads
- D. A and C
- E. B and C



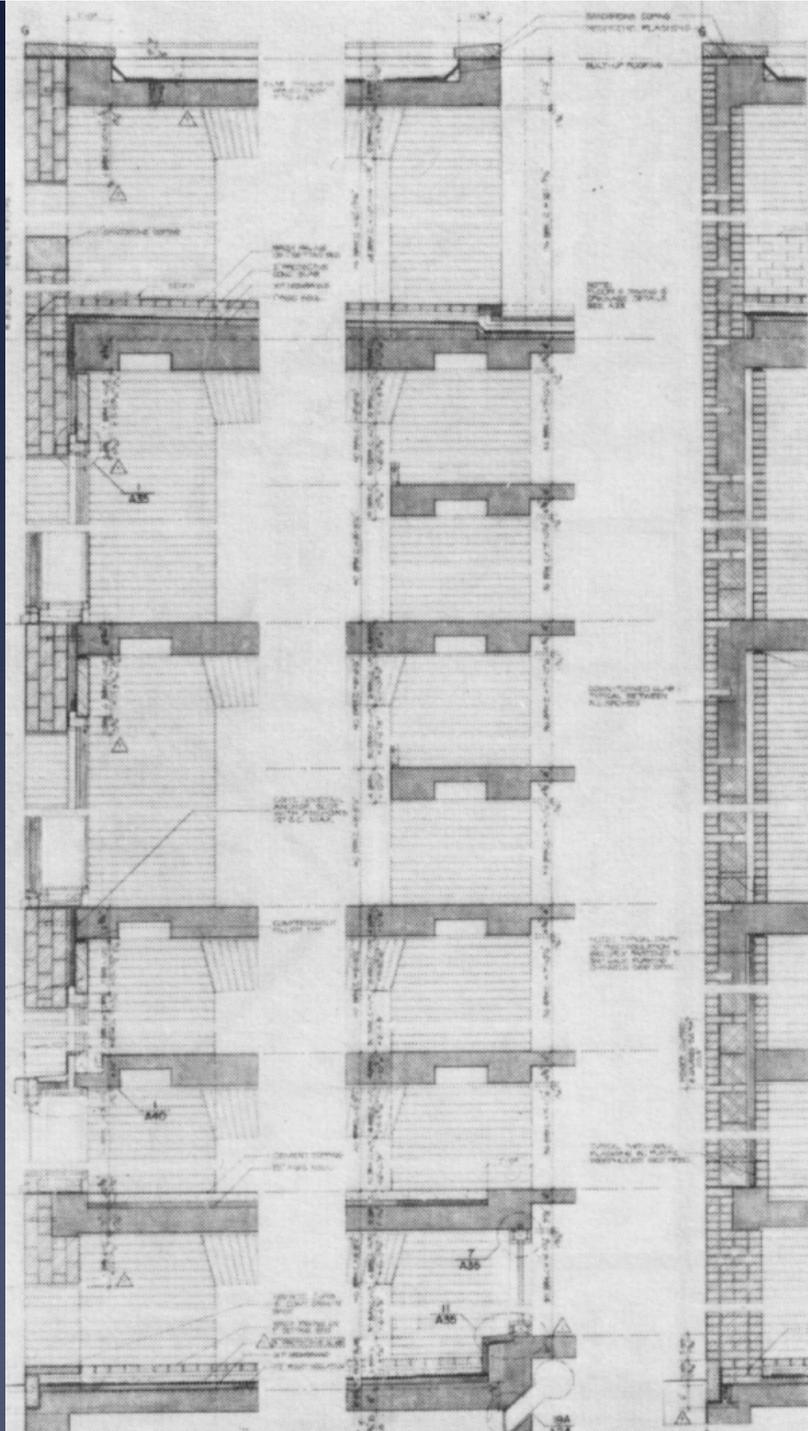




The pier
narrows at
each
skewback



Its about the load accumulation...and the light is nice too







Kahn viewed brick as a more refined, more human-scaled material than concrete

So he surrounded people with brick in the perimeter reading zones

And for further refinement, oak millwork study alcoves, with shutters so you could read in the sun, or not

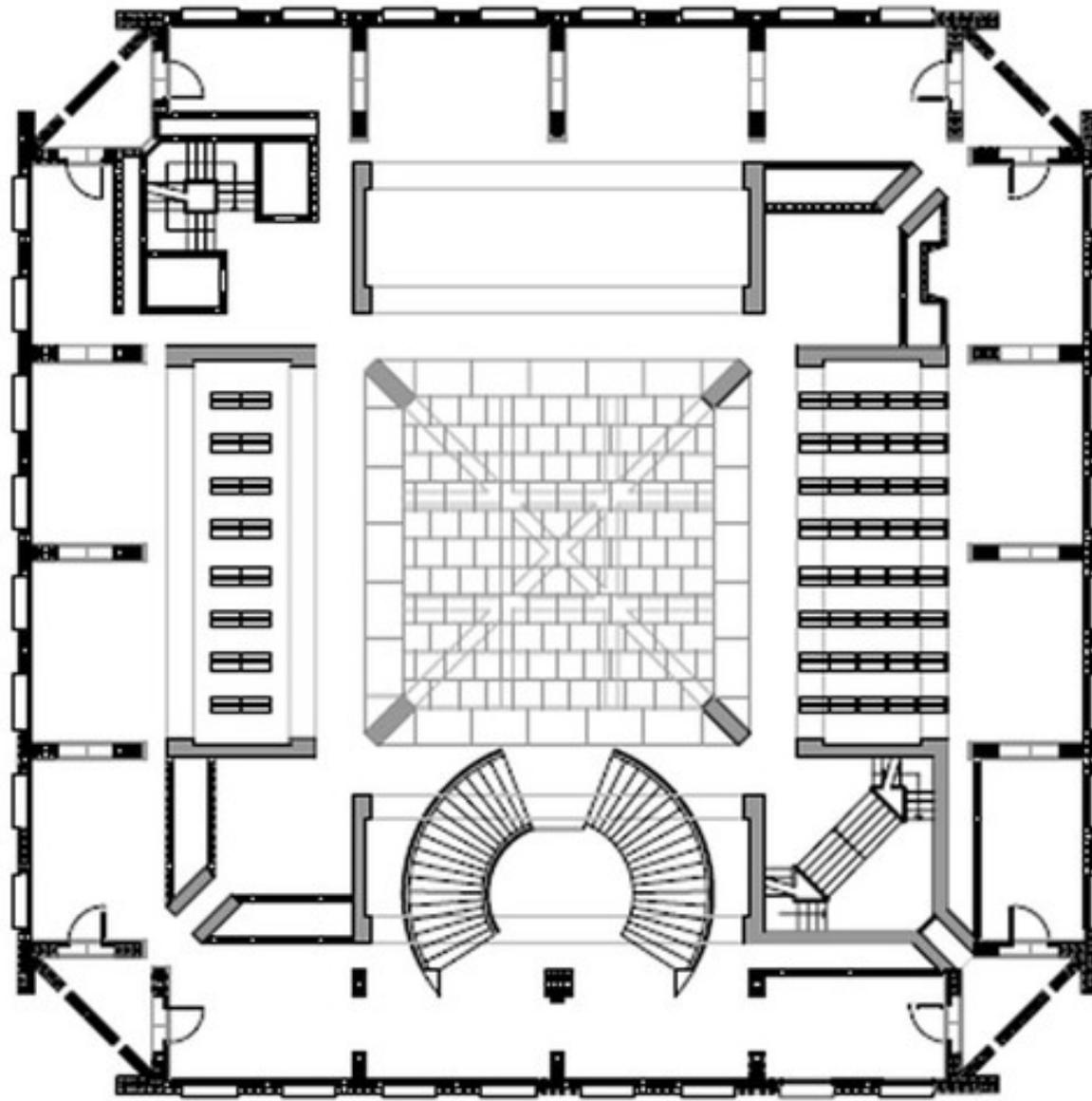






Between concrete world
and brick world, is the place
for ducts



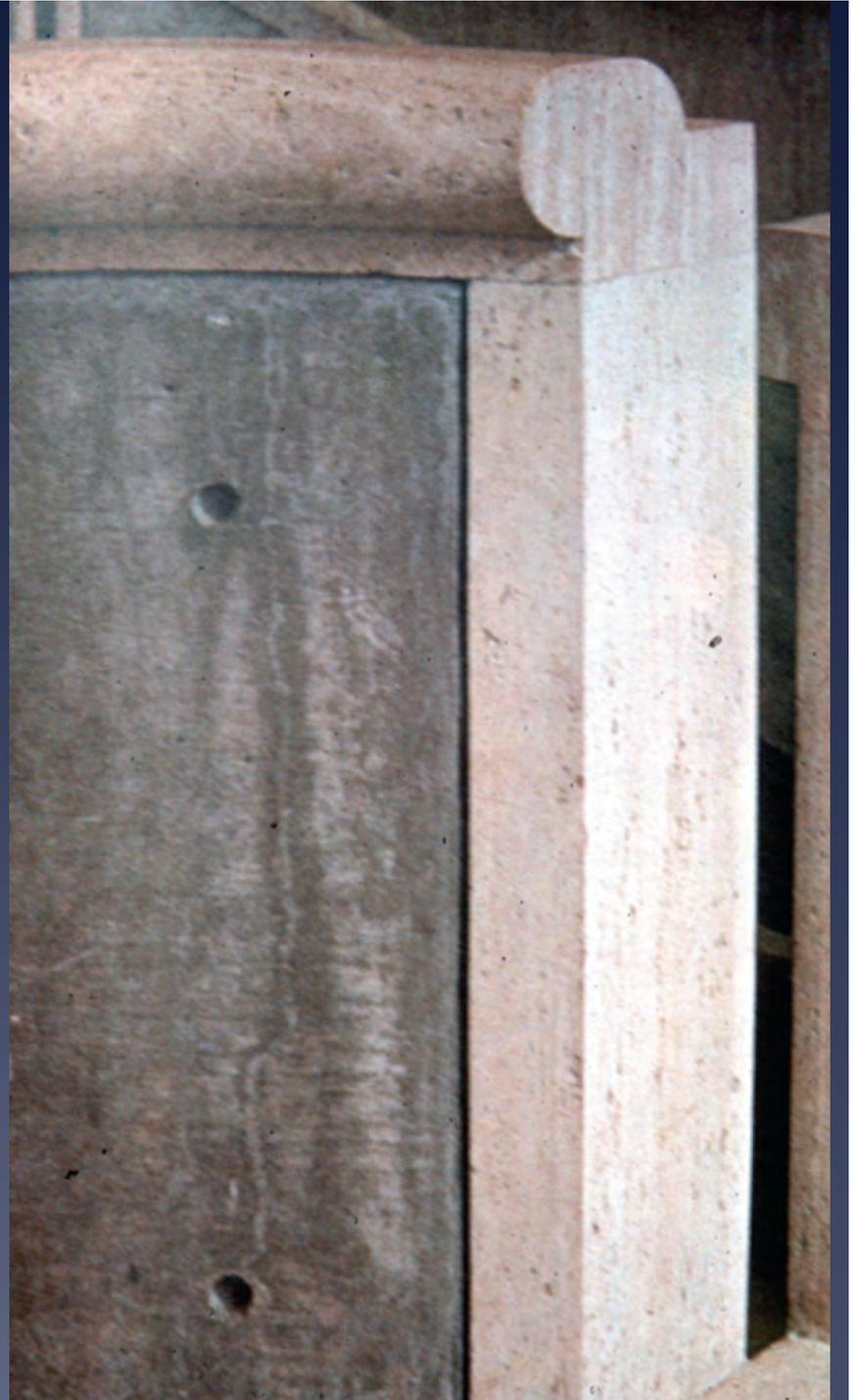


To enter a grand space, it takes a grand stair



Rough concrete refined with polished travertine marble, wherever humans touch, the surface must be refined

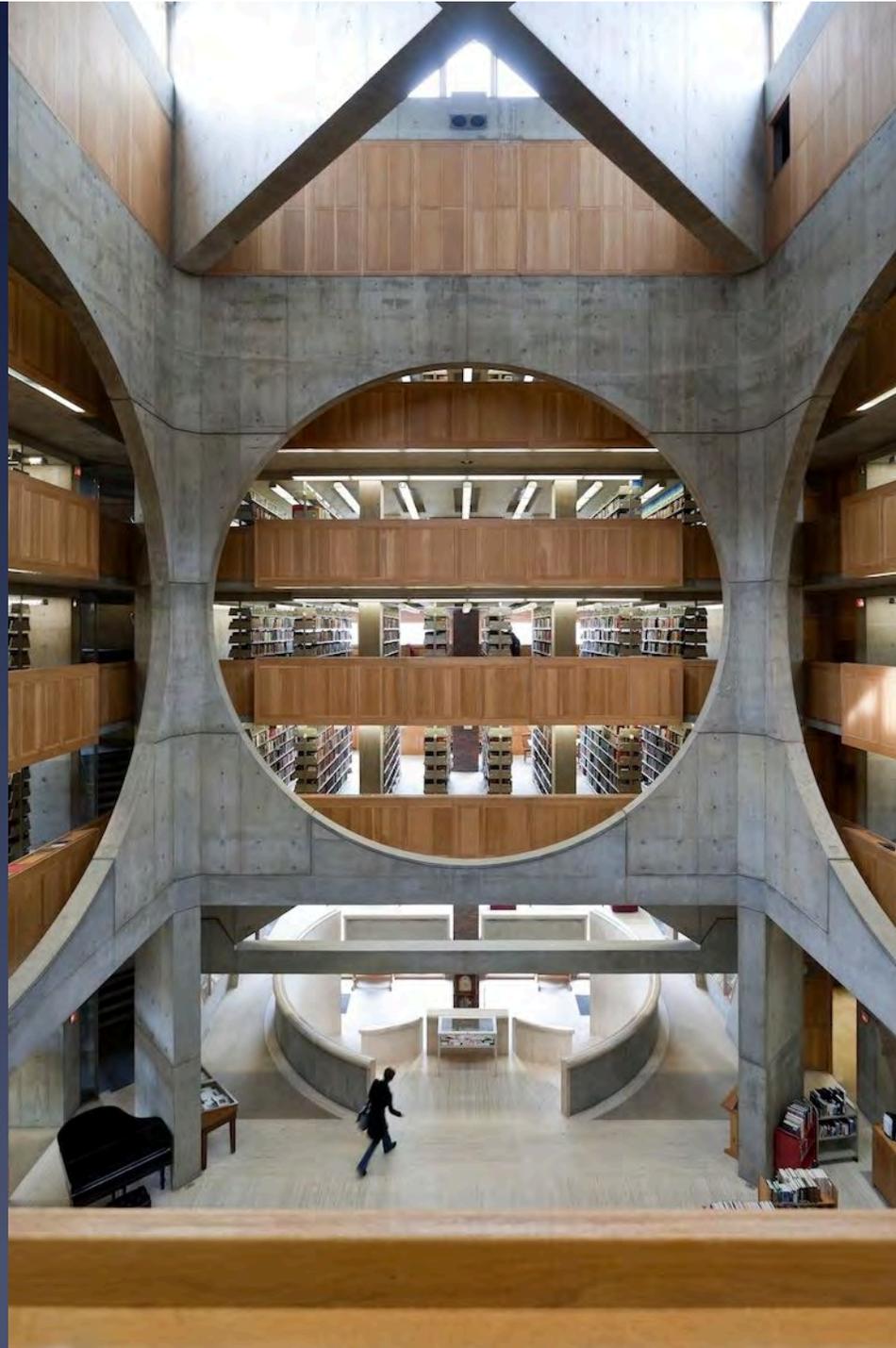
Shaped, for your hand



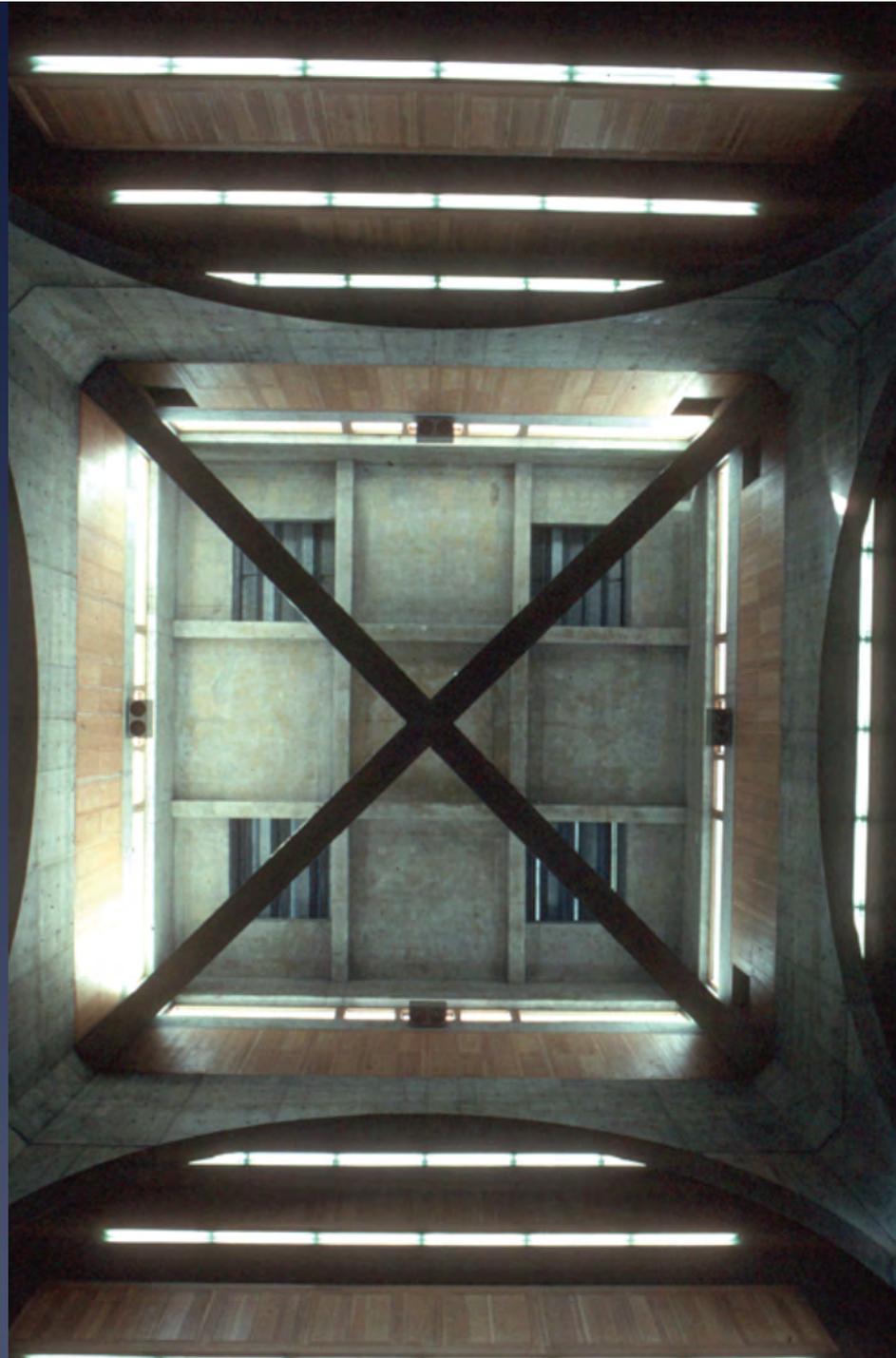
At the top of the stairs, a great space, a great collection of books



Perhaps the best
shear core
ever?







Pretty good fire
dampers too



A rooftop temple



The best gutter
ever?