

moire pavilion

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Advanced Geometries - Research Pavillion
Concept design - Intermediate stage
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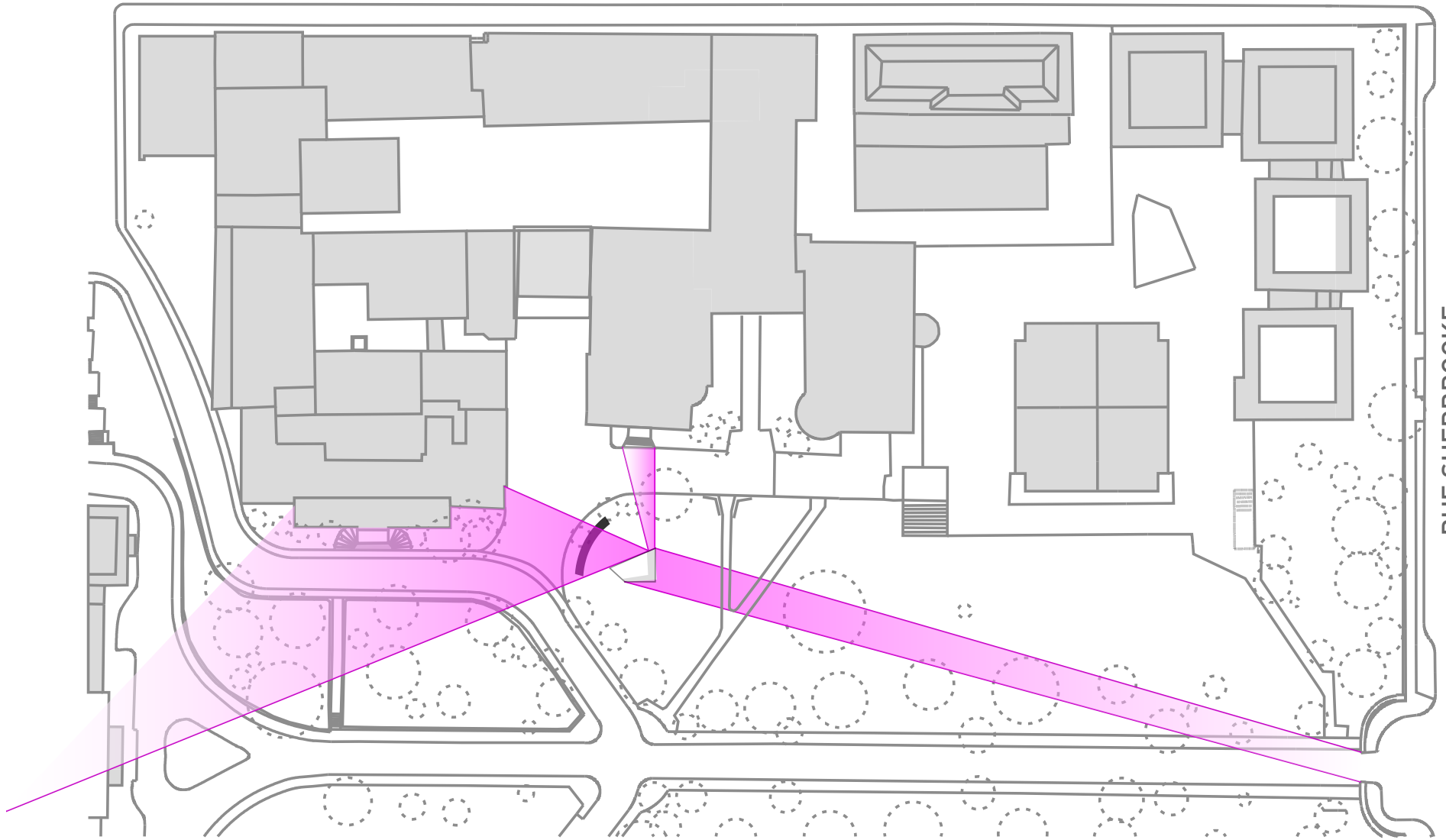
Keywords

Moire effect - parallax -
visual and physical
playfulness - motion -
scale - overlapping



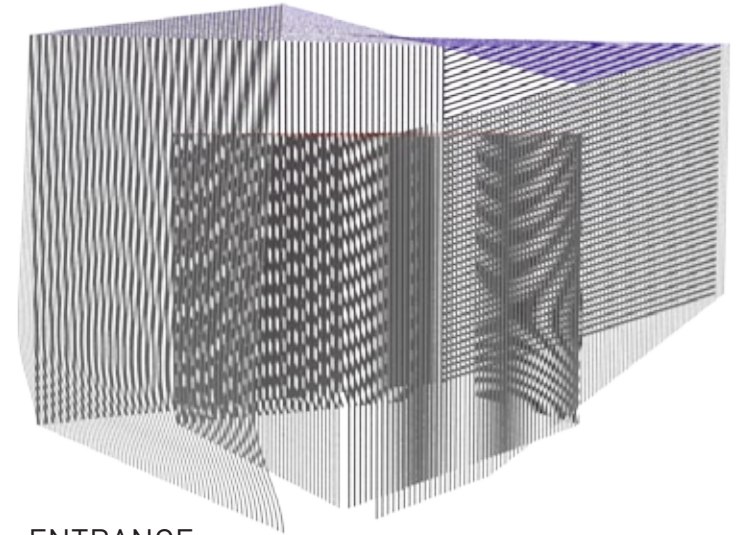
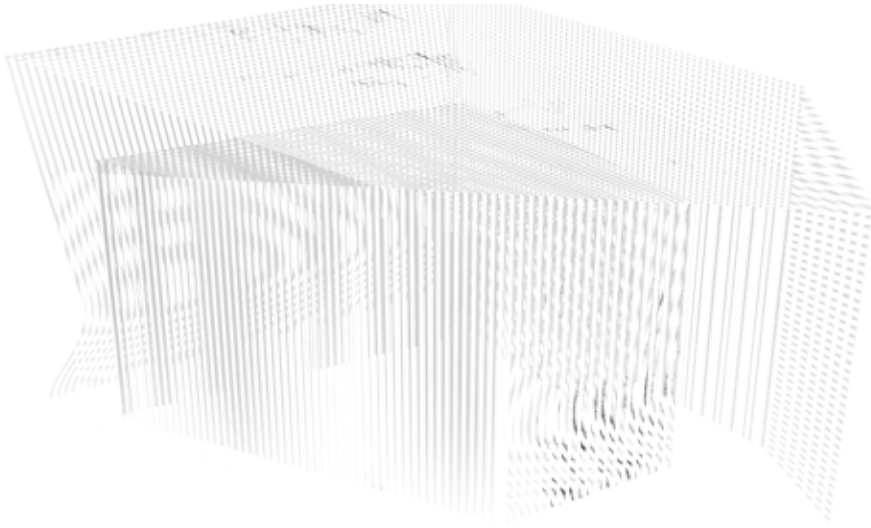
RUE UNIVERSITY

RUE SHERBROOKE

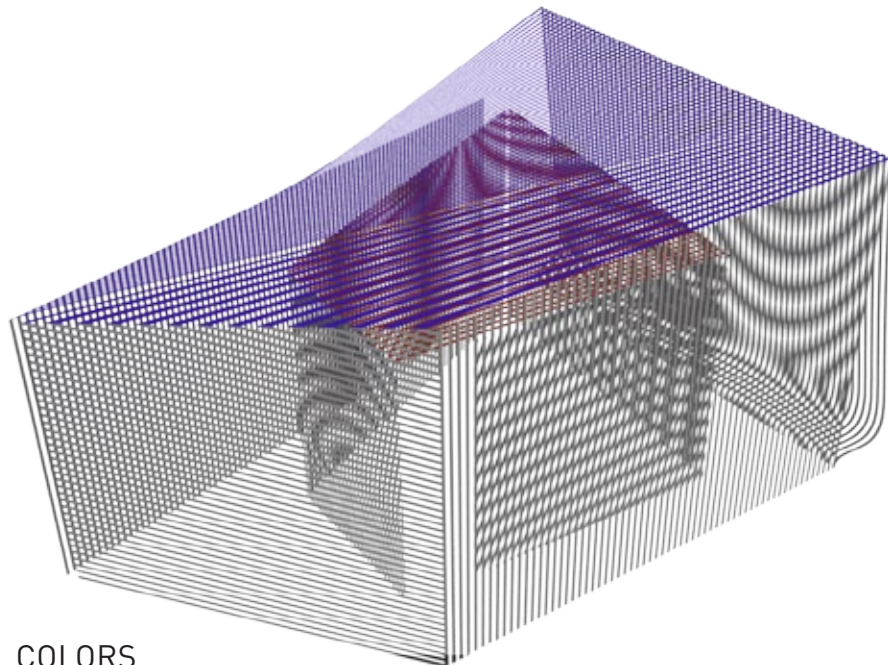


site

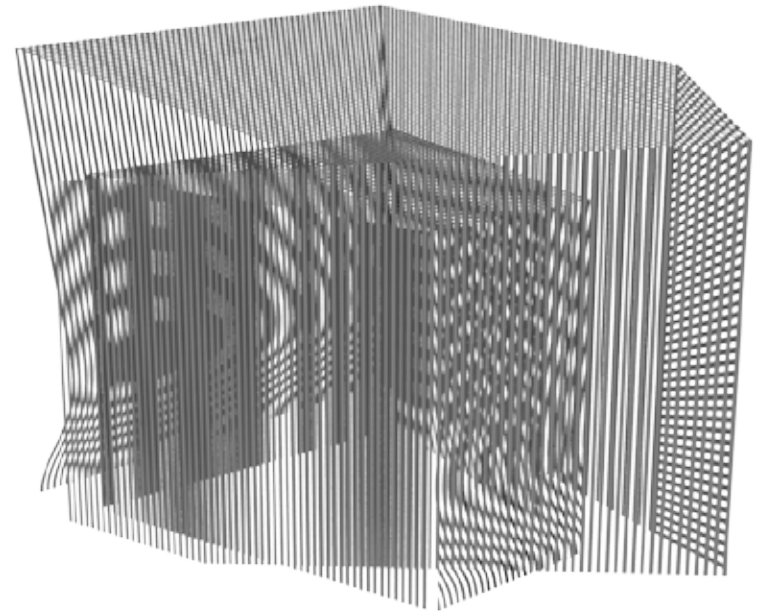
Process views



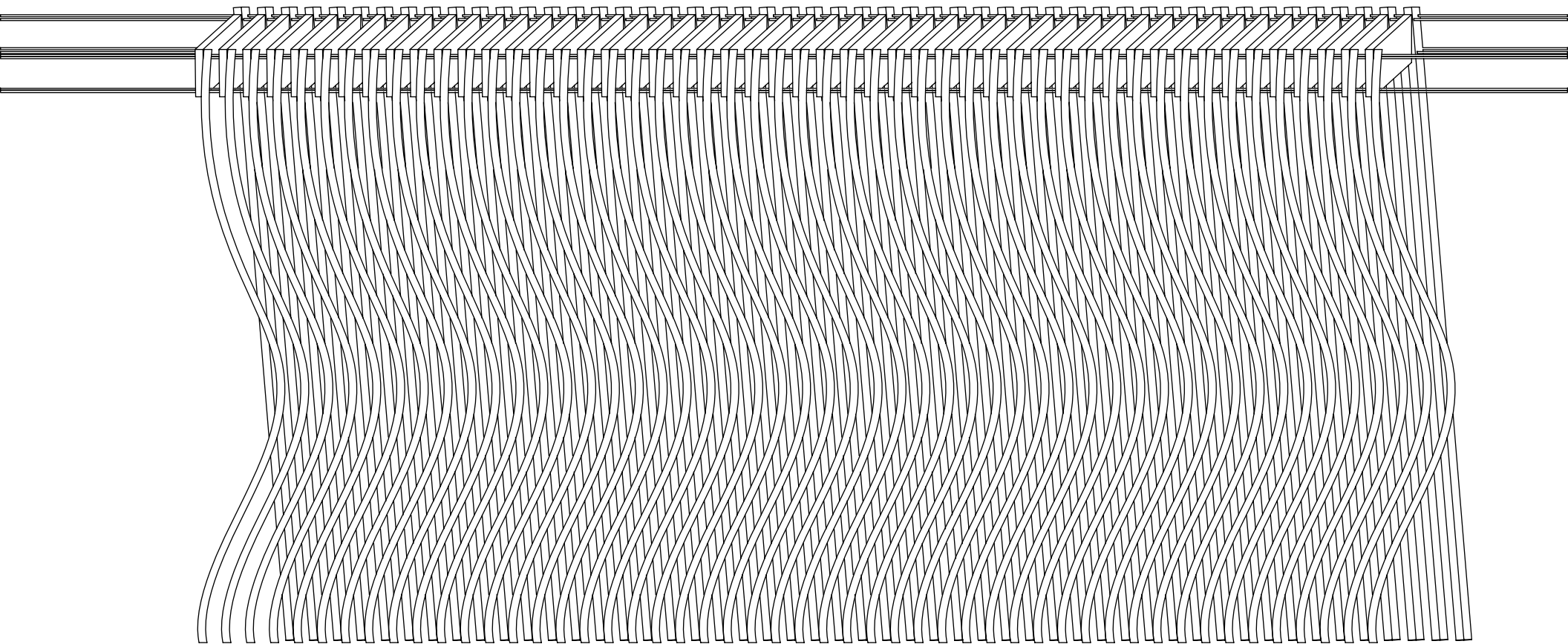
ENTRANCE



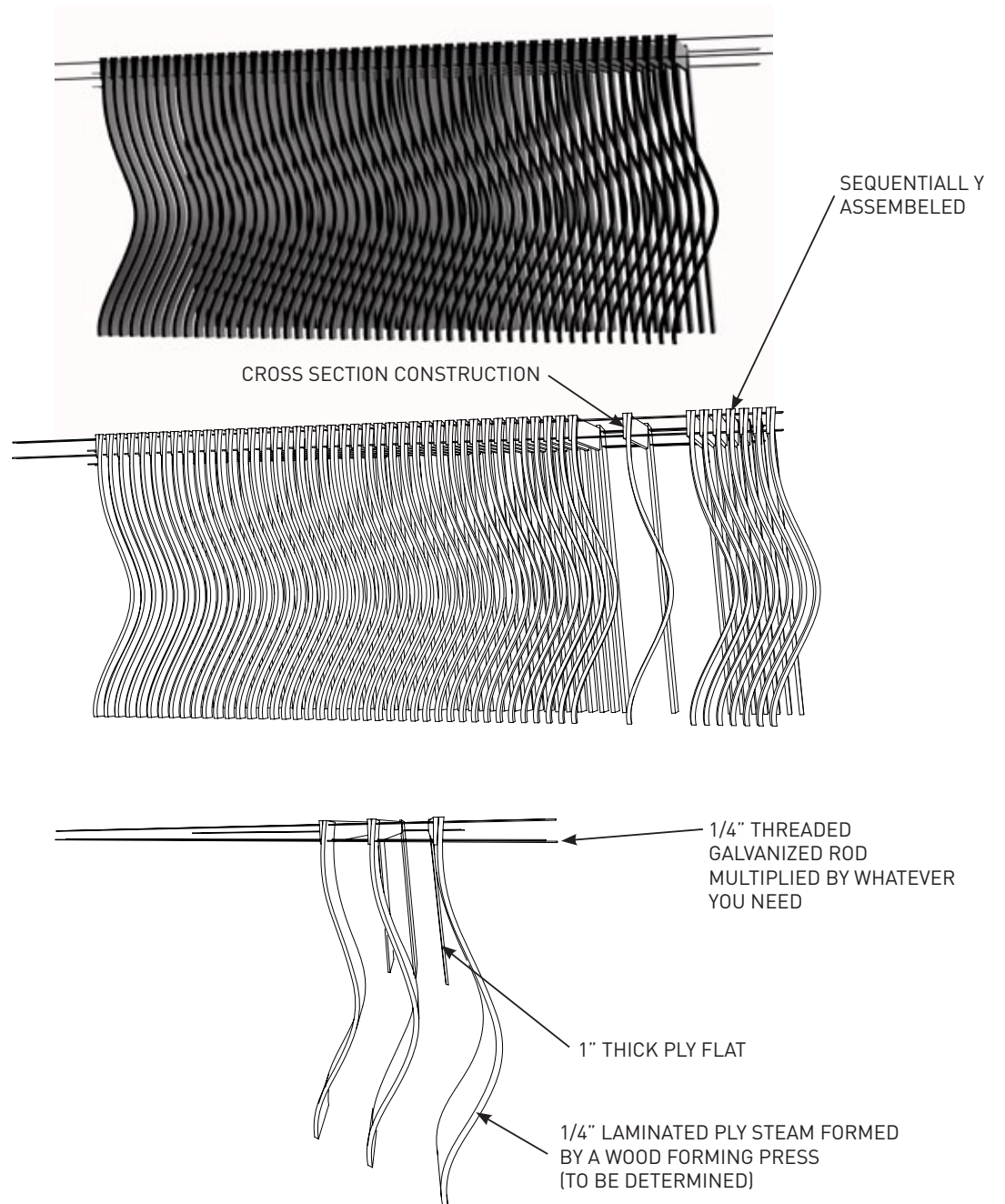
COLORS

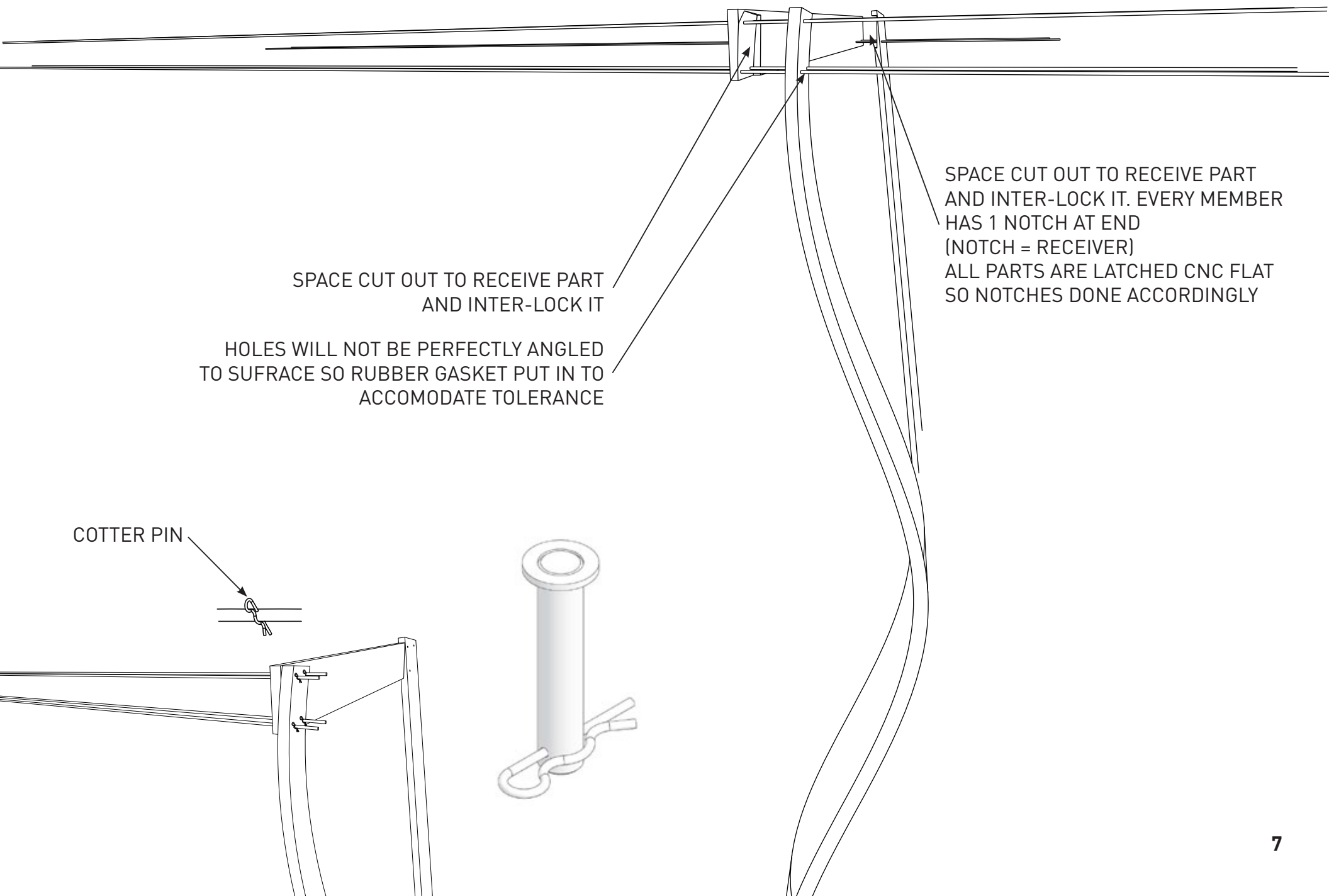


Moire wall



Assembly



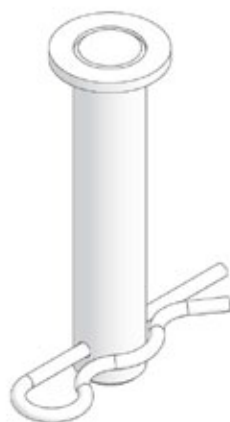


SPACE CUT OUT TO RECEIVE PART
AND INTER-LOCK IT

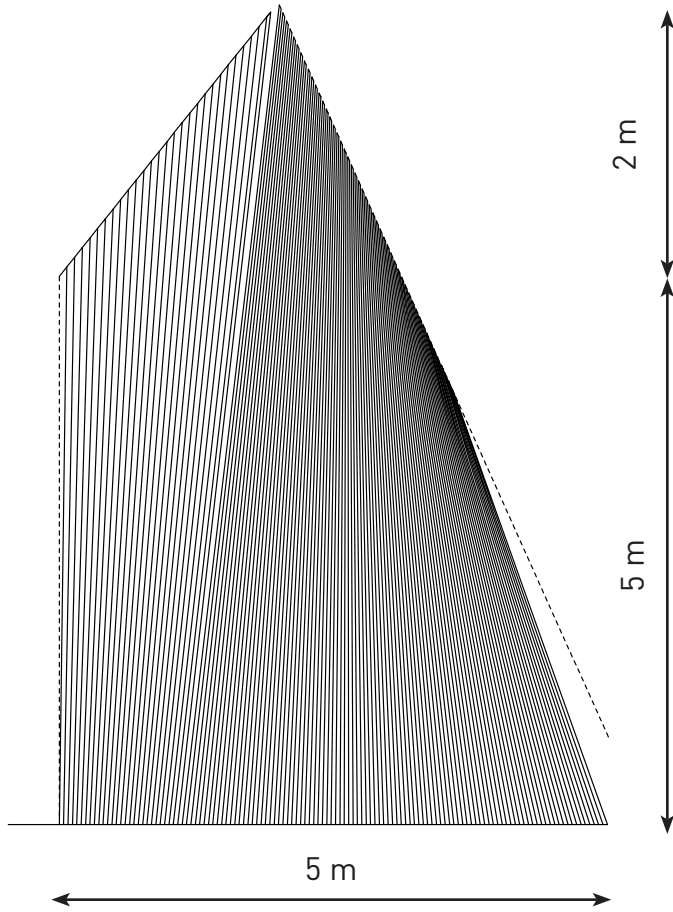
HOLES WILL NOT BE PERFECTLY ANGLED
TO SUFRACE SO RUBBER GASKET PUT IN TO
ACCOMODATE TOLERANCE

SPACE CUT OUT TO RECEIVE PART
AND INTER-LOCK IT. EVERY MEMBER
HAS 1 NOTCH AT END
(NOTCH = RECEIVER)
ALL PARTS ARE LATCHED CNC FLAT
SO NOTCHES DONE ACCORDINGLY

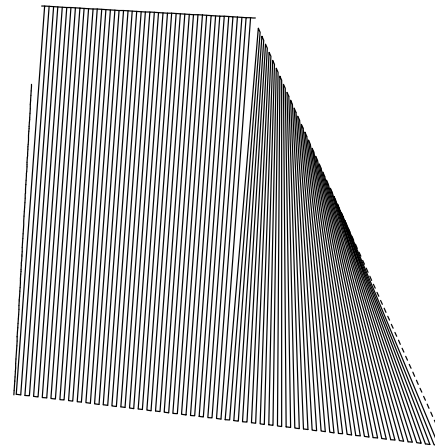
COTTER PIN



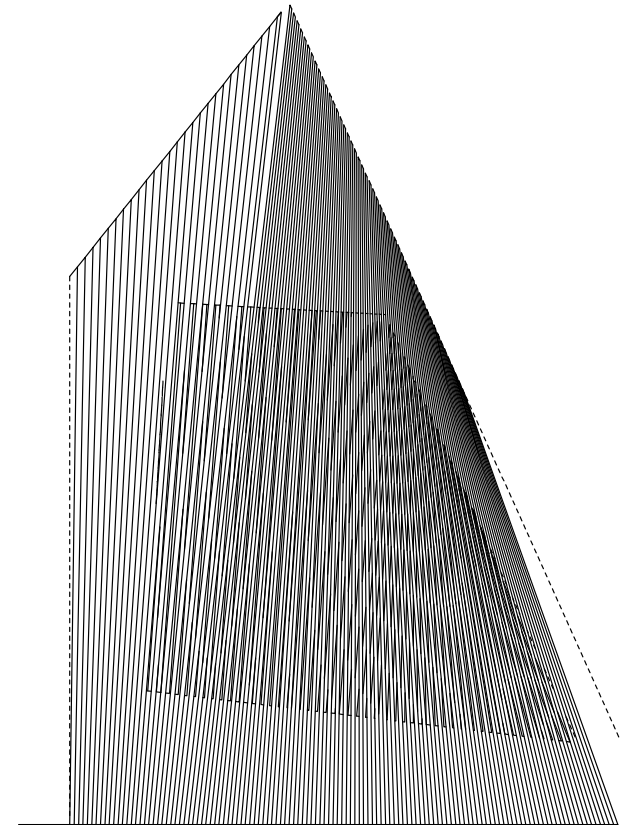
Roof strategy



EXTERIOR SHELL



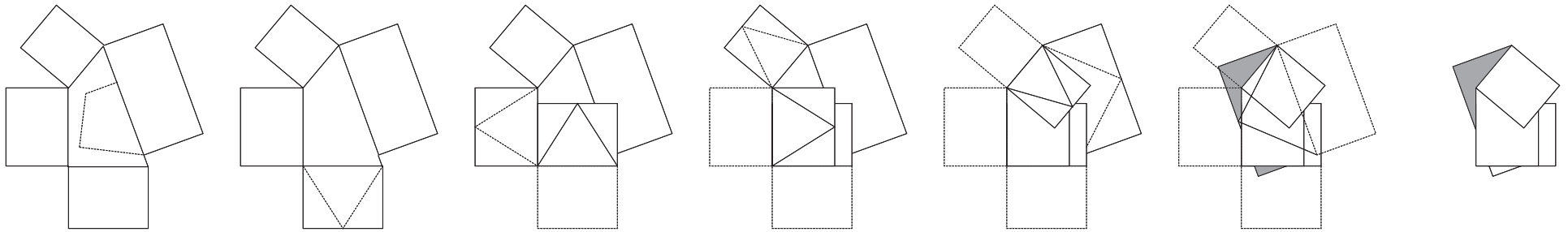
INTERIOR SHELL



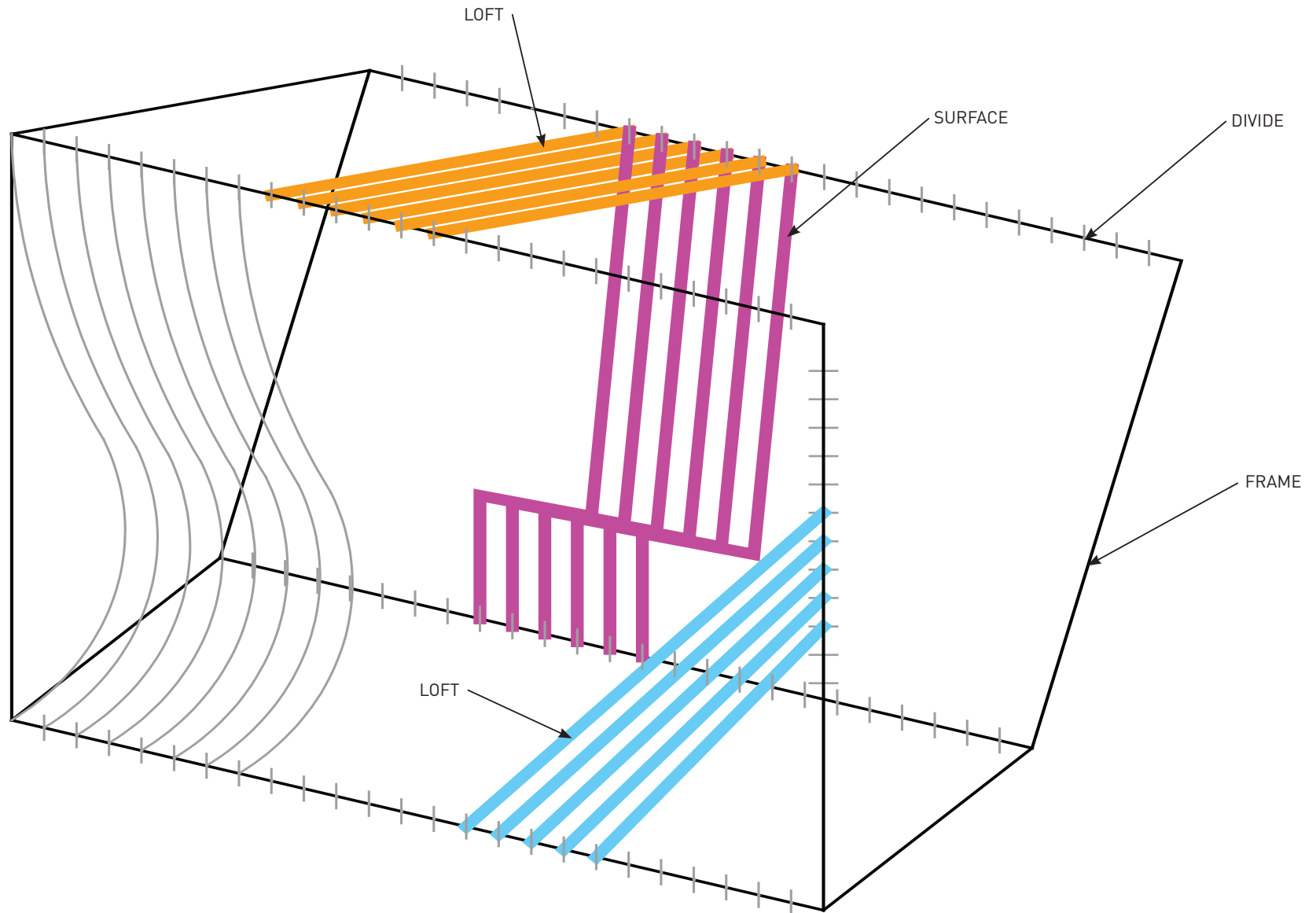
JUXTAPOSITION

Transportability diagram

BY FRAMES? FOLDABLE STRUCTURE?



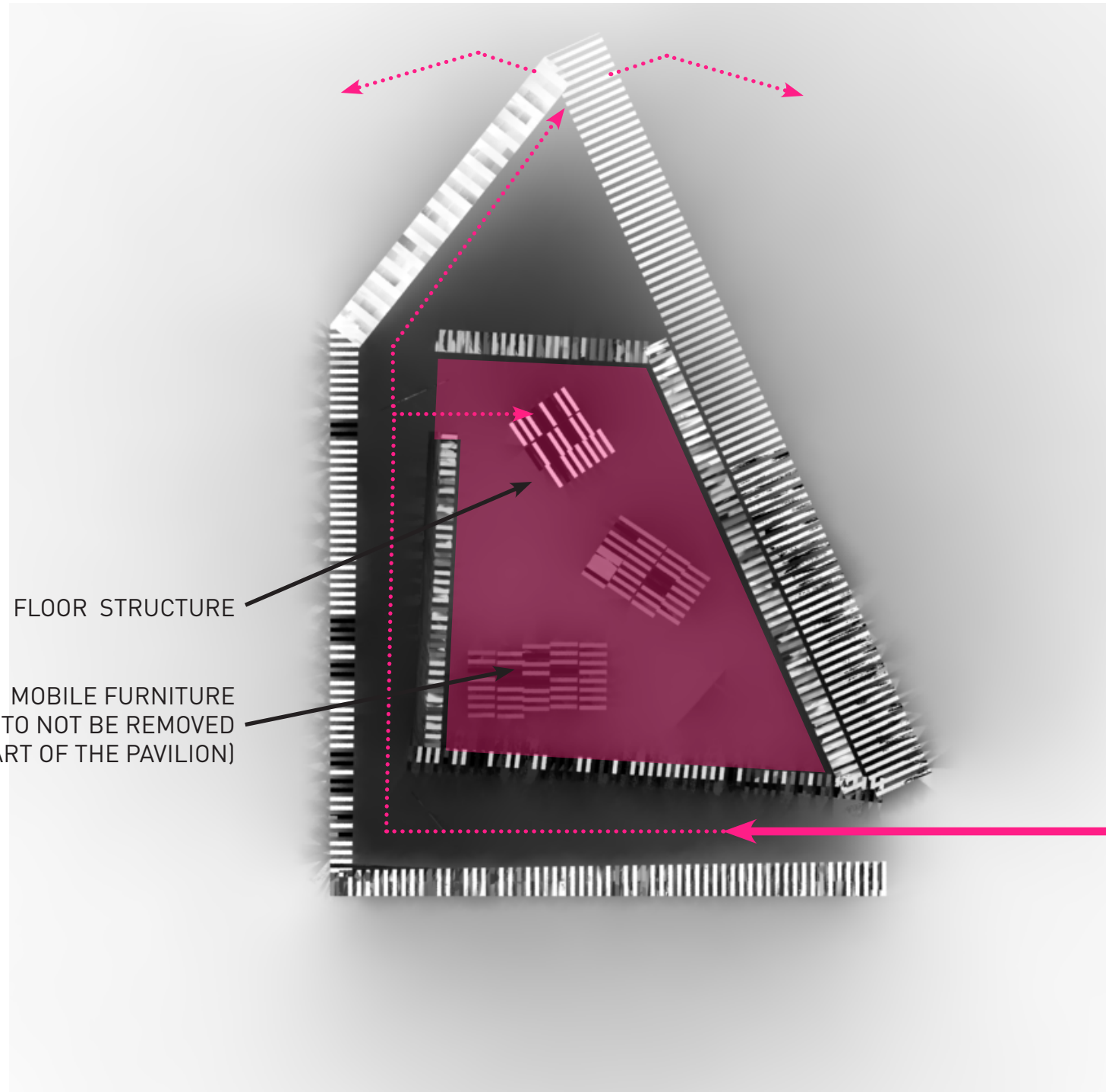
Grasshopper strategy



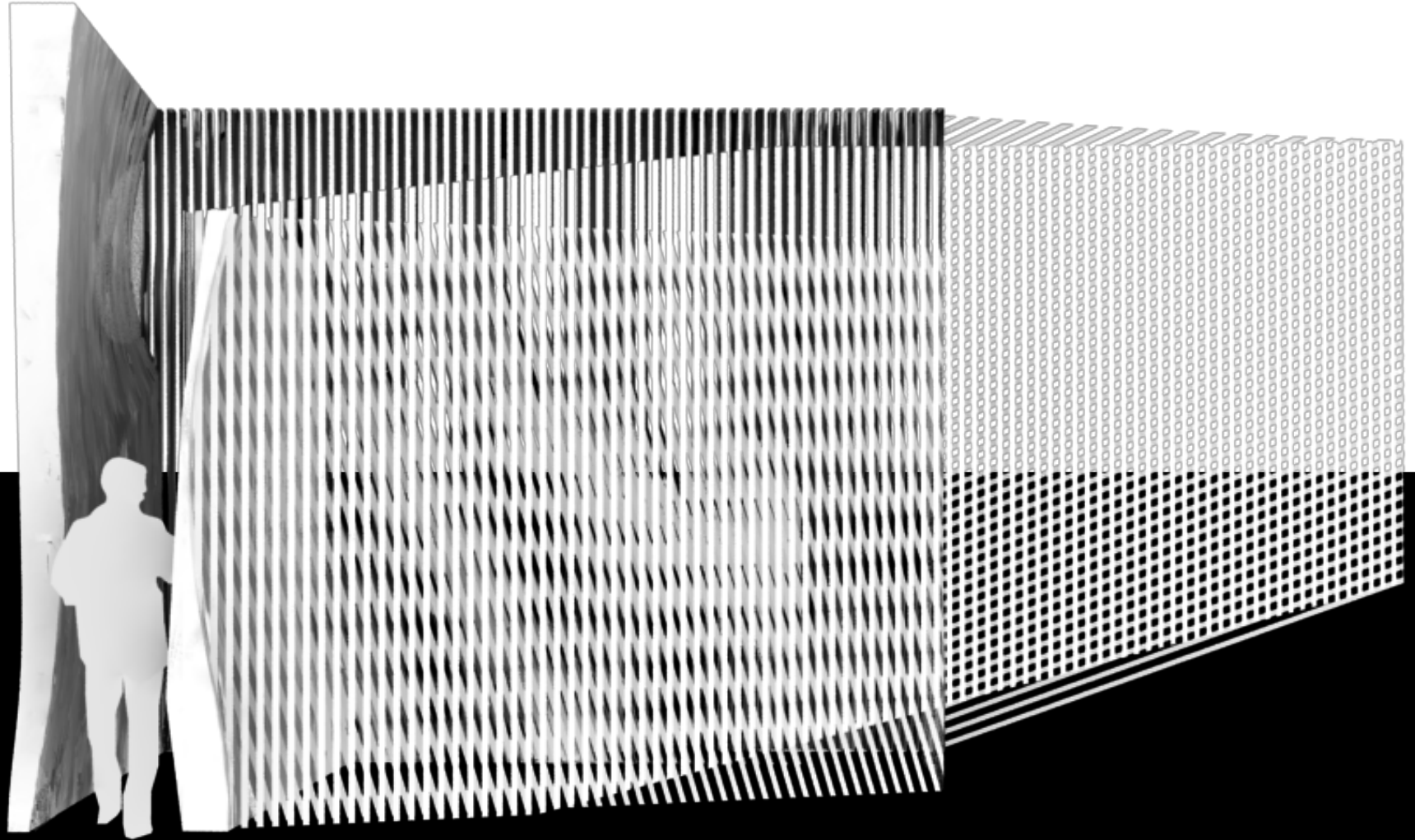
Plan

FLOOR STRUCTURE

MOBILE FURNITURE
(LARGE ENOUGH TO NOT BE REMOVED
FROM THE MIDDLE PART OF THE PAVILION)



Entrance



Interplay with the surfaces

