

ARCHITECTURAL DESIGN I
[ARC60208]

Project 2 - Structure and Body: Materials,
Anthropometric and Ergonomic Exploration

KAZE

[The breeze that brings your story to our structure]

Tutor:
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By:
Group 1 [March 2022] Sem 1

Leader:
Low Chu En

Presentation Board
and
Final Bamboo Structure





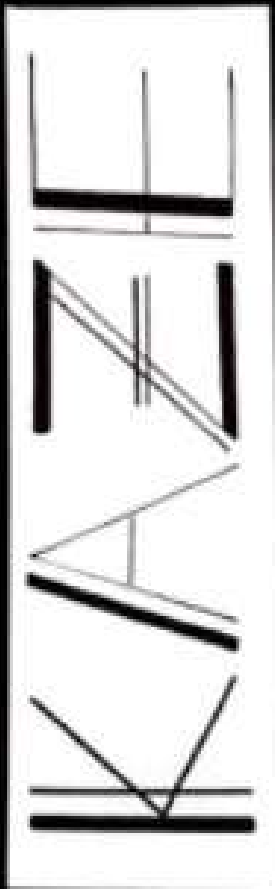
KAZE

GROUP 1

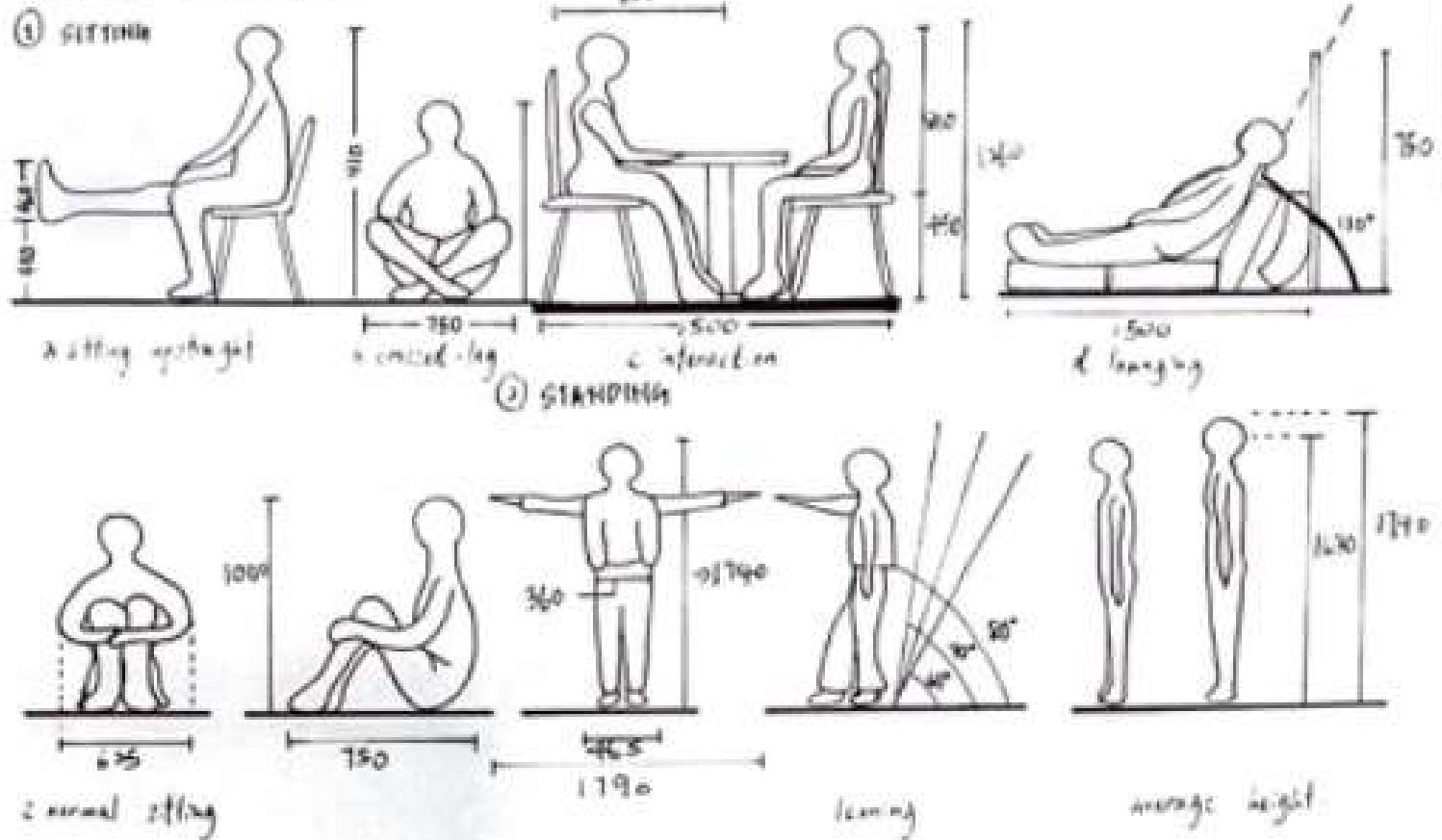
AD1 PROJECT 2

AR CHONG SUE MAY

ANTHROPOMETRY & ERGONOMICS



ANTHROPOMETRICS

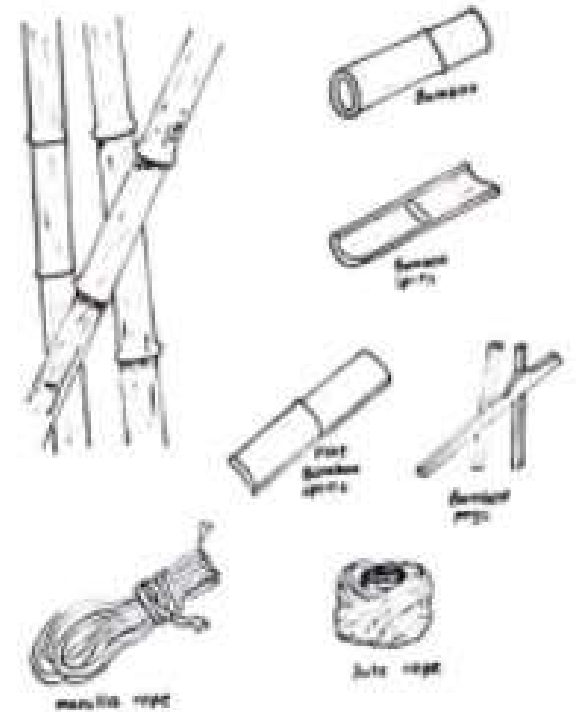


JOINERIES

USE OF DOWELS + FIXATION OF BAMBOOS



MATERIALS

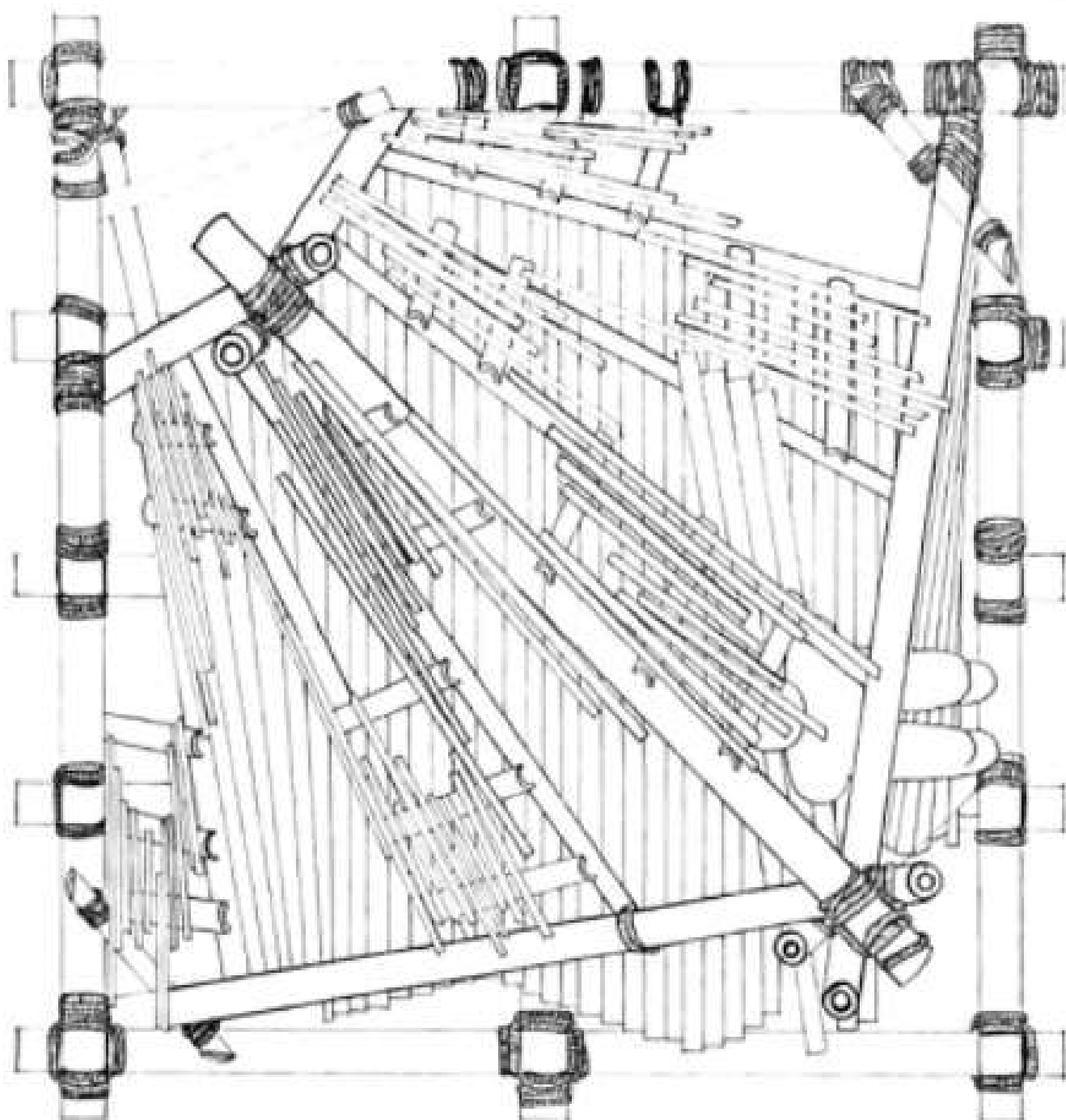


ATTACHMENT OF BAMBOOS

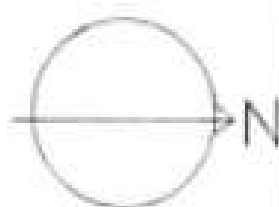
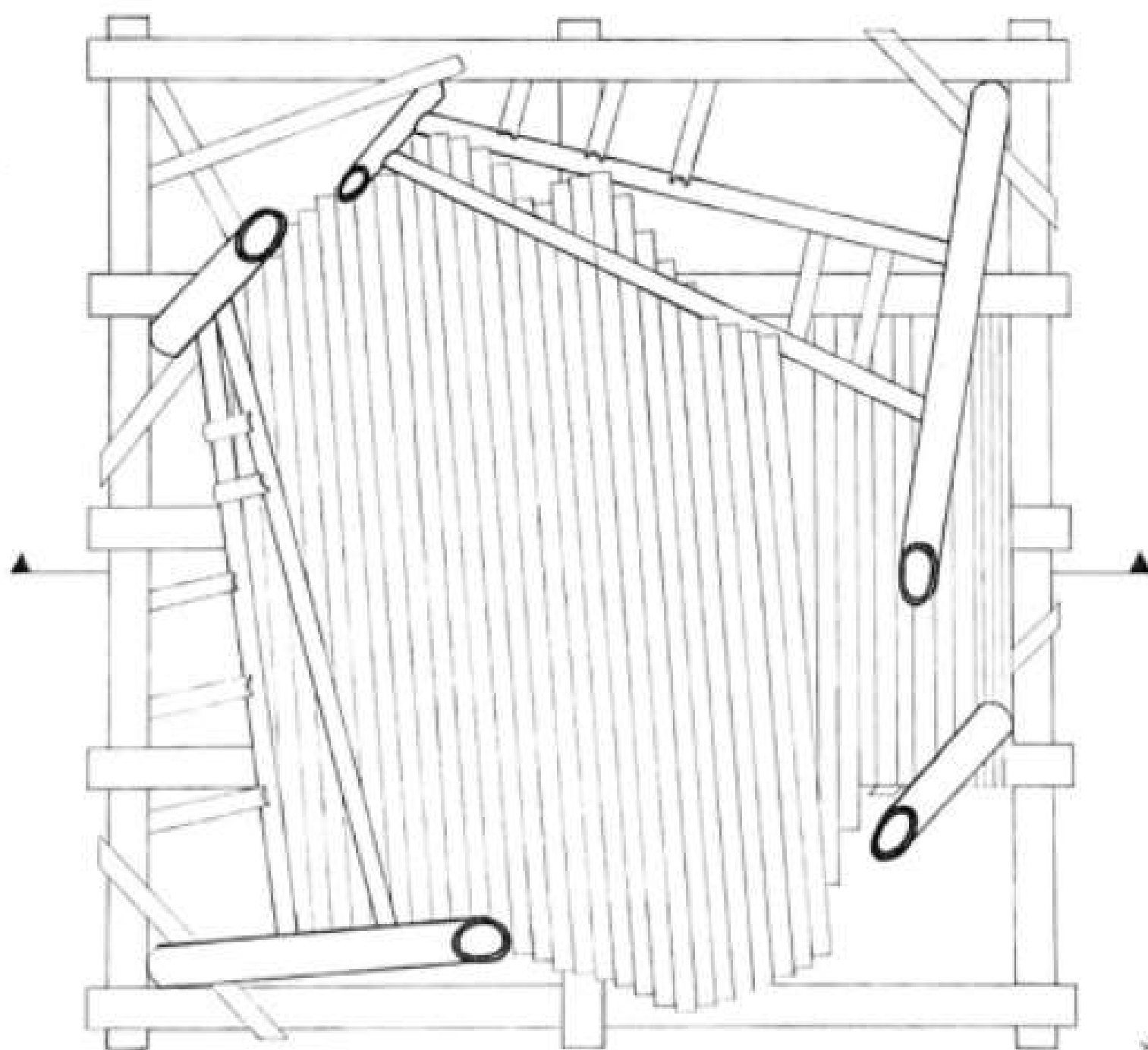


OTHER MATERIALS

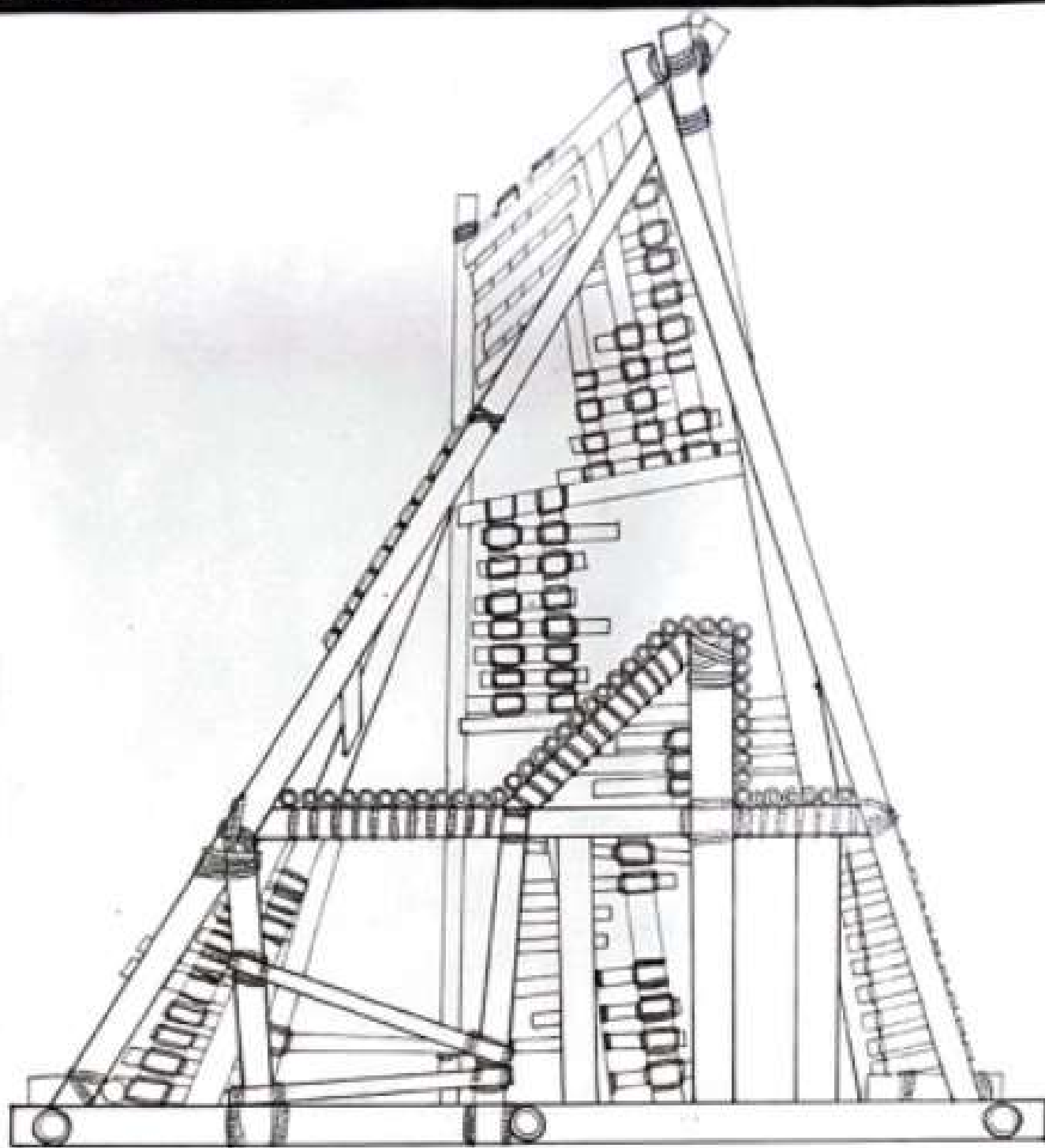




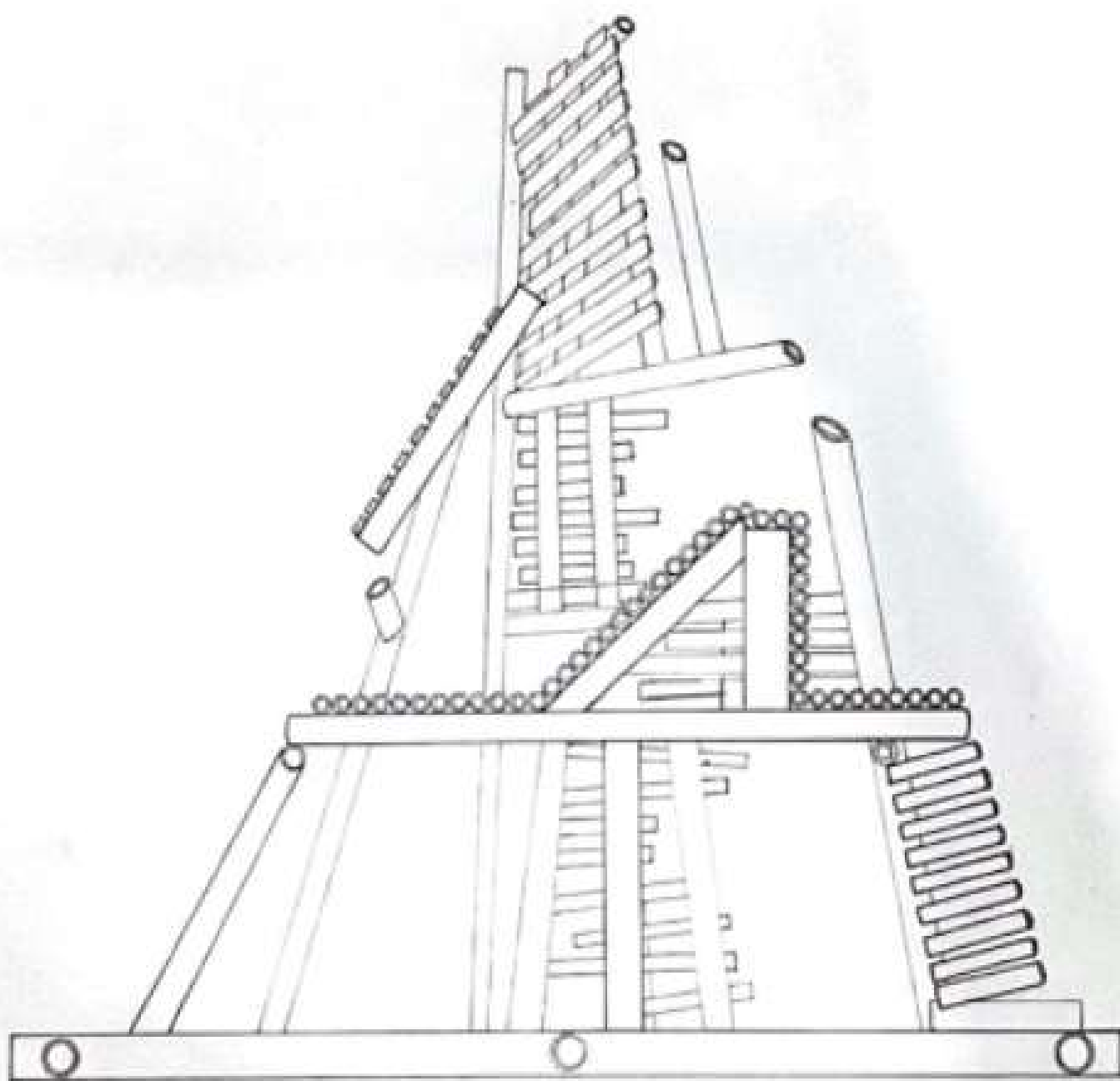
TOP VIEW
SCALE 1/10



PLAN VIEW
SCALE 1/10



ELEVATION VIEW
SCALE 1:10



SECTION VIEW
SCALE 1:10

EXPLODED AXONOMETRIC



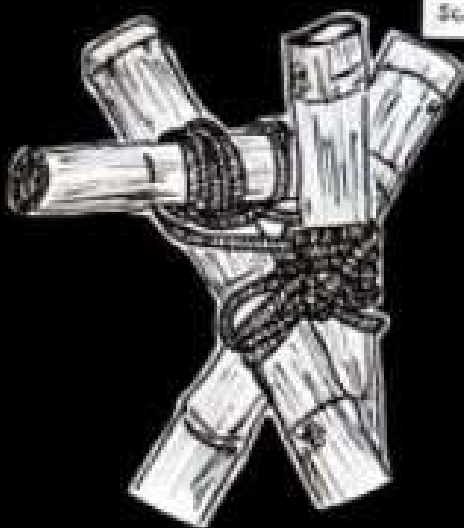
JOINTERY DETAIL 1
FLUTING DIAGONAL
SCALE 1:5



JOINTERY DETAIL 2
FOR PLANT CUT
SCALE 1:5



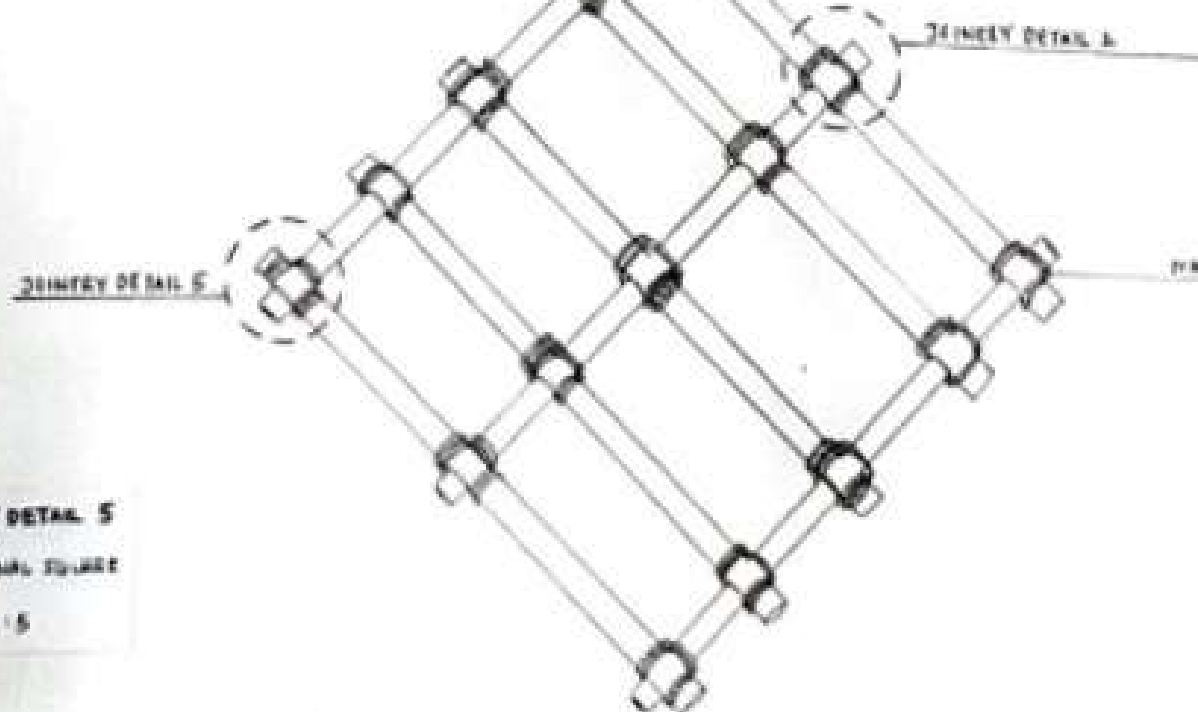
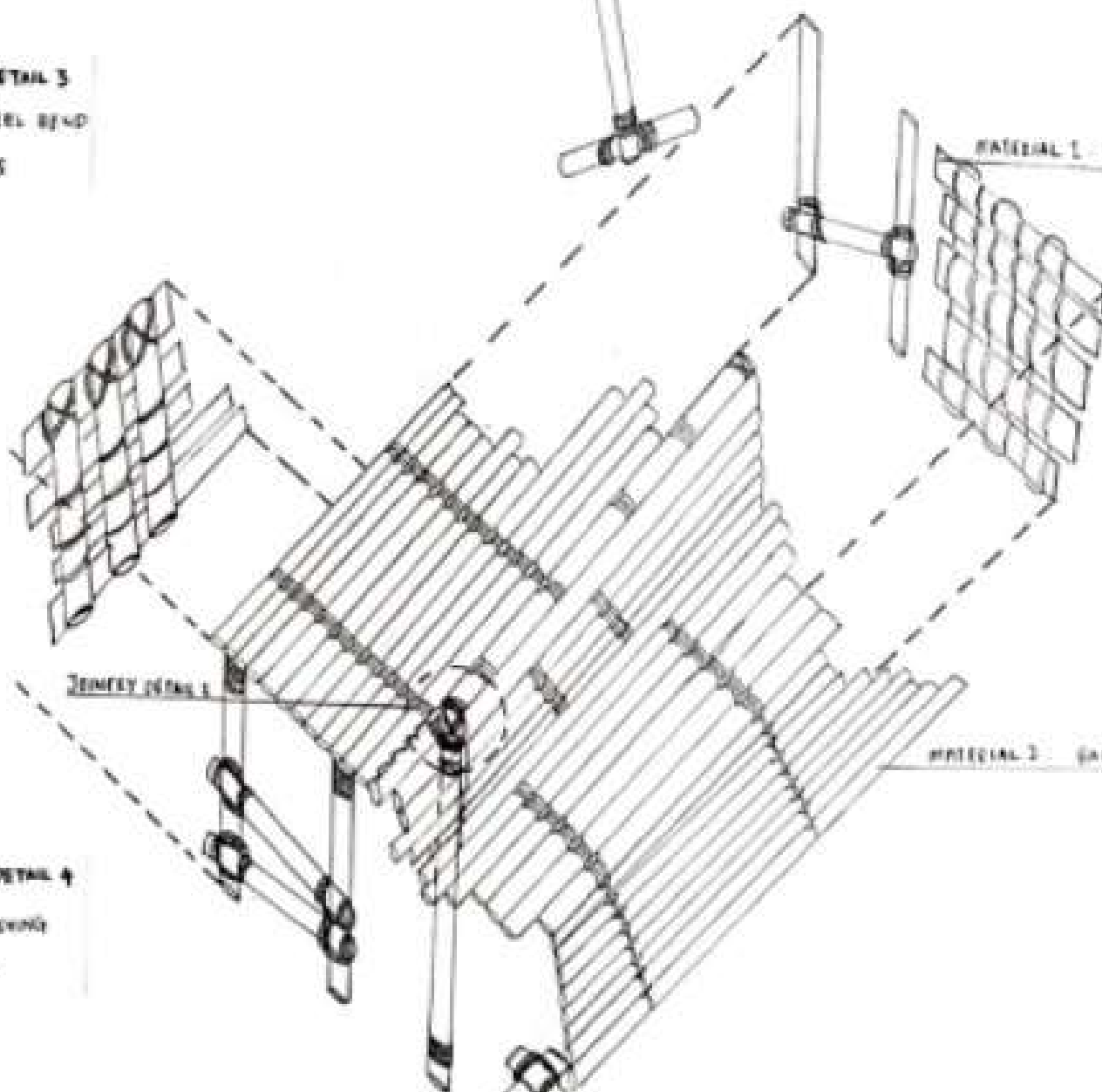
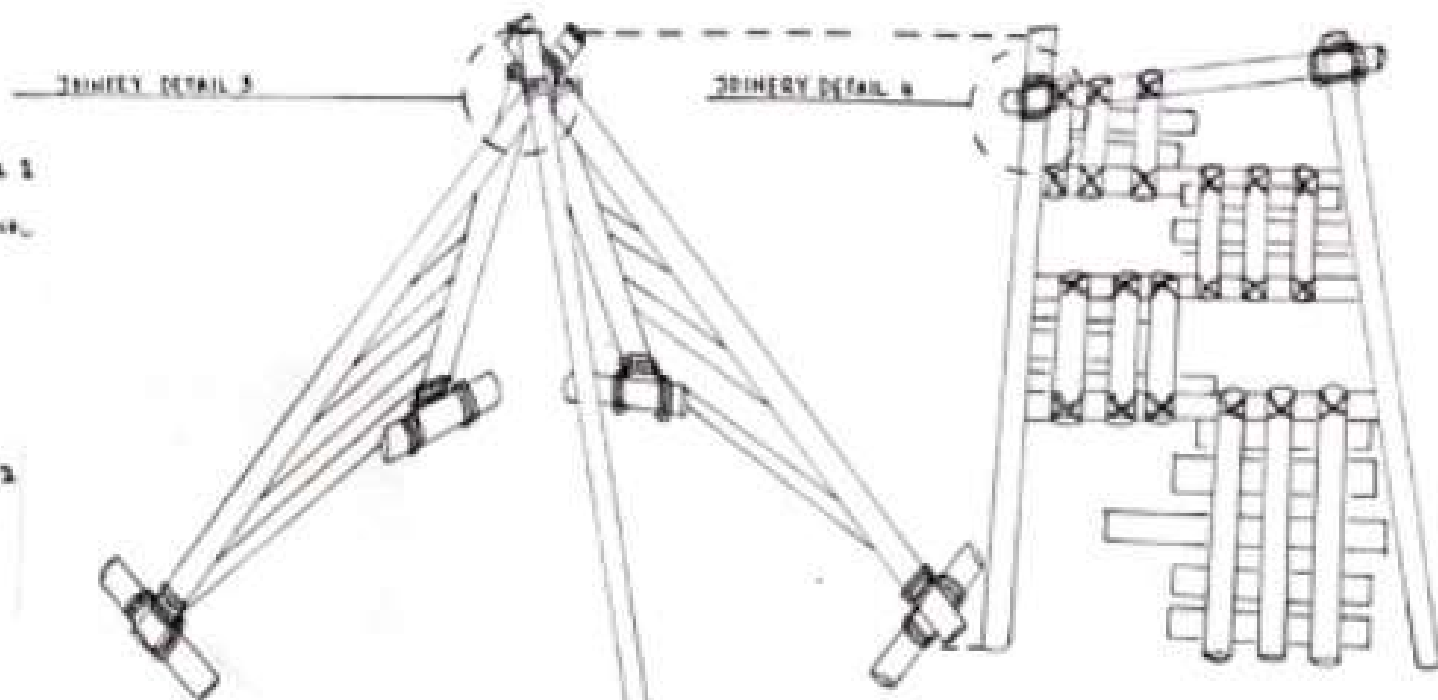
JOINTERY DETAIL 3
DOUBLE STEEL BEND
SCALE 1:5



JOINTERY DETAIL 4
TRIFID LASHING
SCALE 1:5



JOINTERY DETAIL 5
TRADITIONAL SQUARE
SCALE 1:5



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GROUP 1 AD1 PROJECT 2 AR CHONG SUE MAY

SCALE 1:20



Front View



Right View



Rear View



Left View



Perspective View





