JEFFRY ACRA

Architectural Designer
Computational | Interiors | Fabrication

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www.jeffryacra.com
jeffryacra@gmail.com

Los Angeles, CA

PROFILE

Architectural Designer with hands-on experience in interiors, fabrication, and computational design, delivering projects from concept through shop drawings, CNC production, and on-site installation.



TINI Cocktails — Delivered Hospitality Project

Design-Build & Fabrication
Custom millwork, furniture systems, CNC-driven production, shop drawings, installation coordination.

Architectural & Interior Design
High-end residential, hospitality, and commercial interiors with strong spatial, material, and construction logic.

Computational & System-Driven Design
Parametric workflows, data-driven site analysis, and prototyped architectural systems.

Comfortable contributing immediately in fast-paced Los Angeles studios.

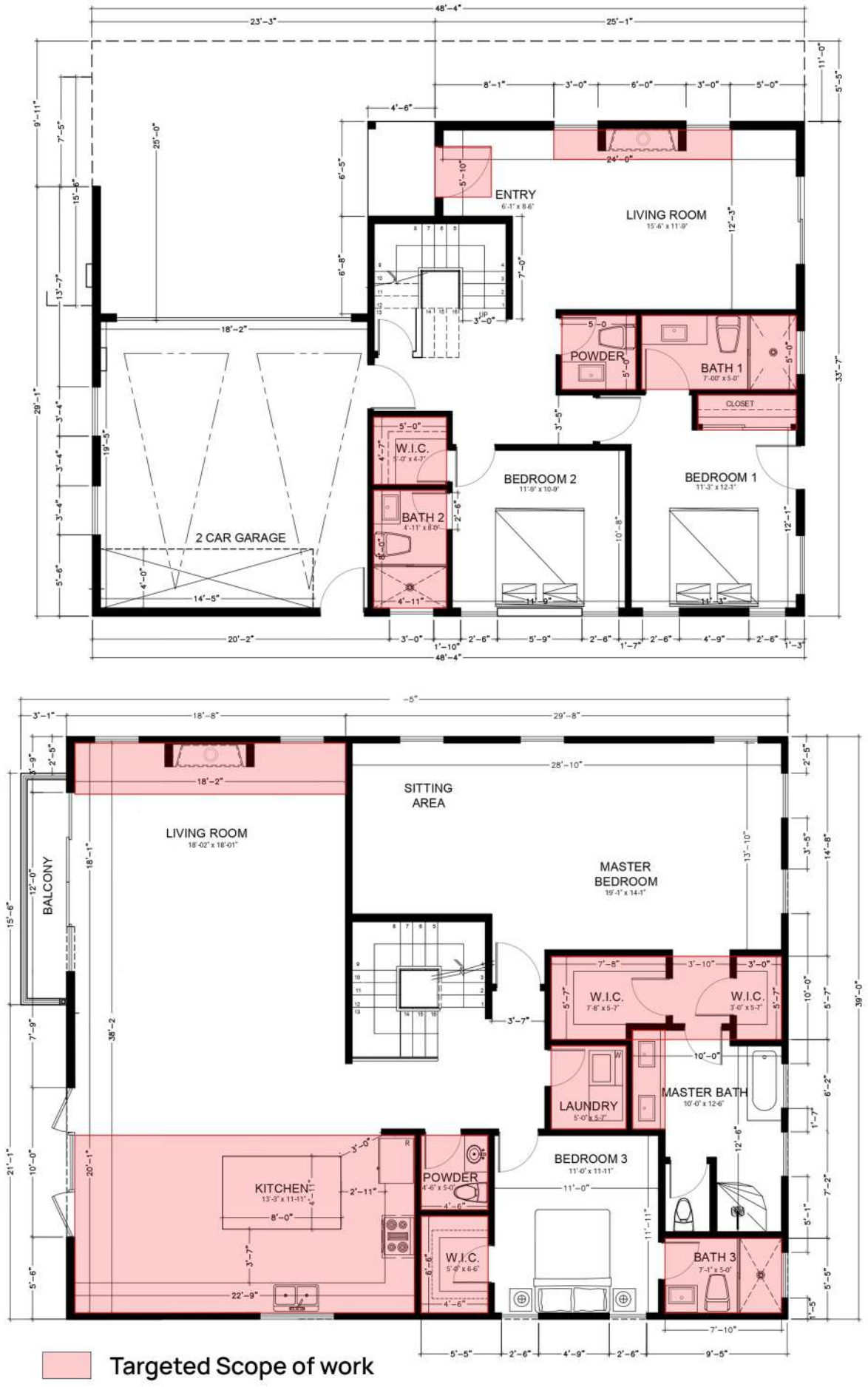
RESIDENTIAL AND COMMERCIAL ARCHITECTURAL INTERIORS - (PROFESSIONAL WORK)

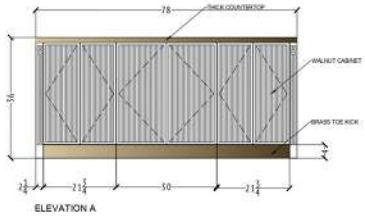


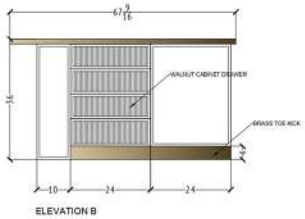
Real, built residential and commercial architectural interiors.
Shop drawings I CNC I installation.

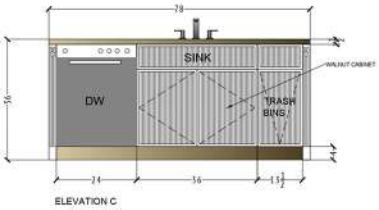
PROFESSIONAL WORK — TRUE DESIGN GROUP
LOS ANGELES, CA (2025–PRESENT)

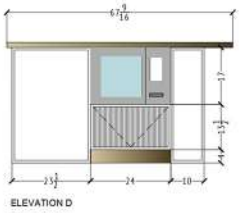
PROJECT 01: RESIDENTIAL HOME I LONG BEACH, CALIFORNIA

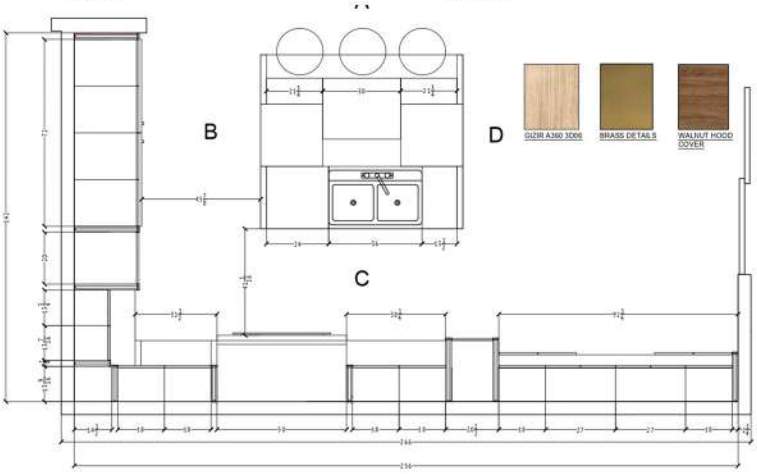


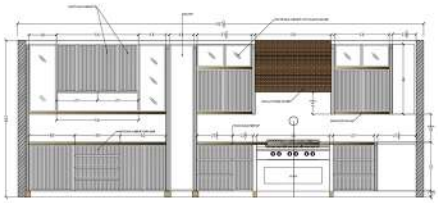


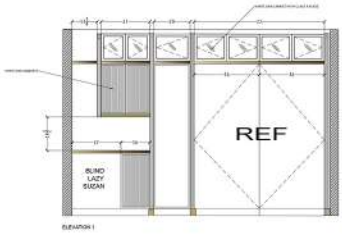


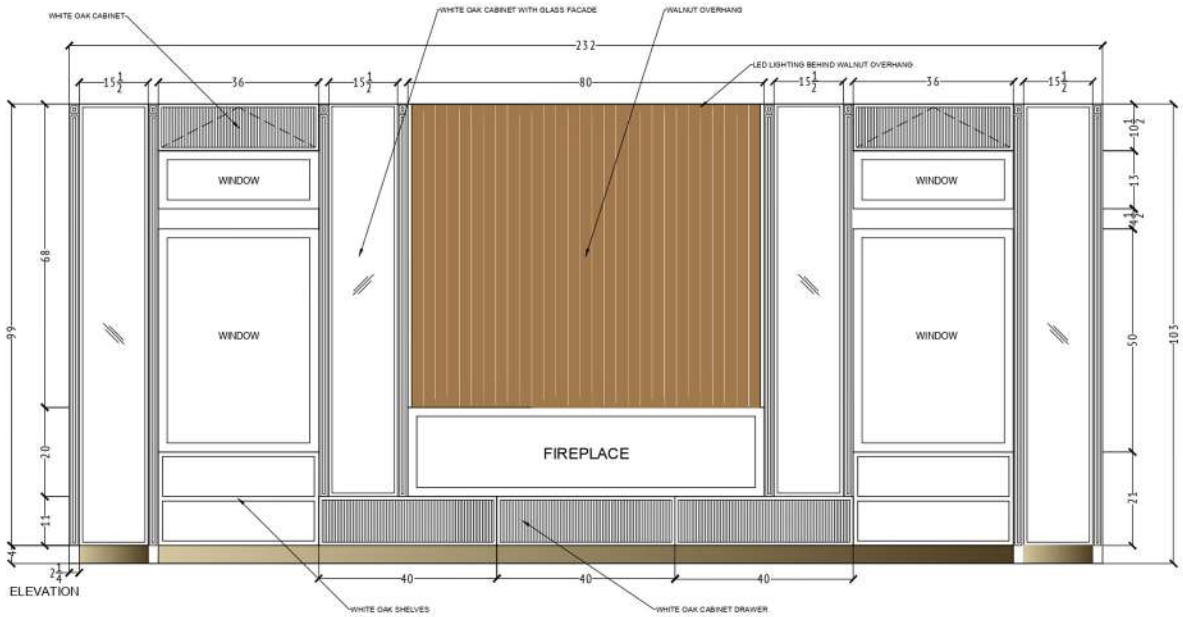


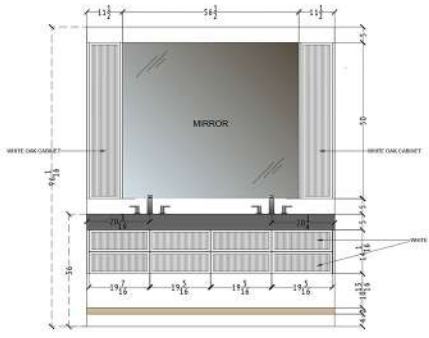


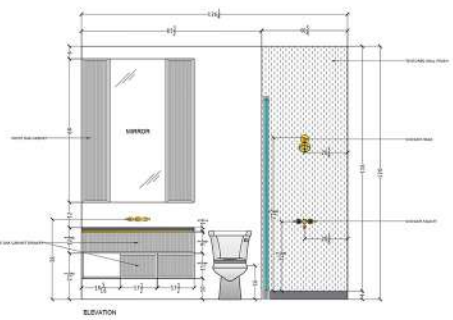


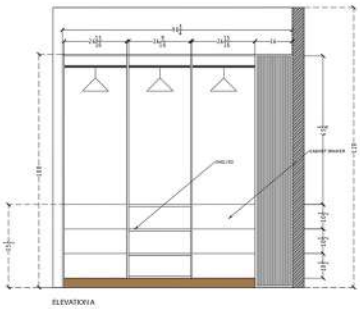






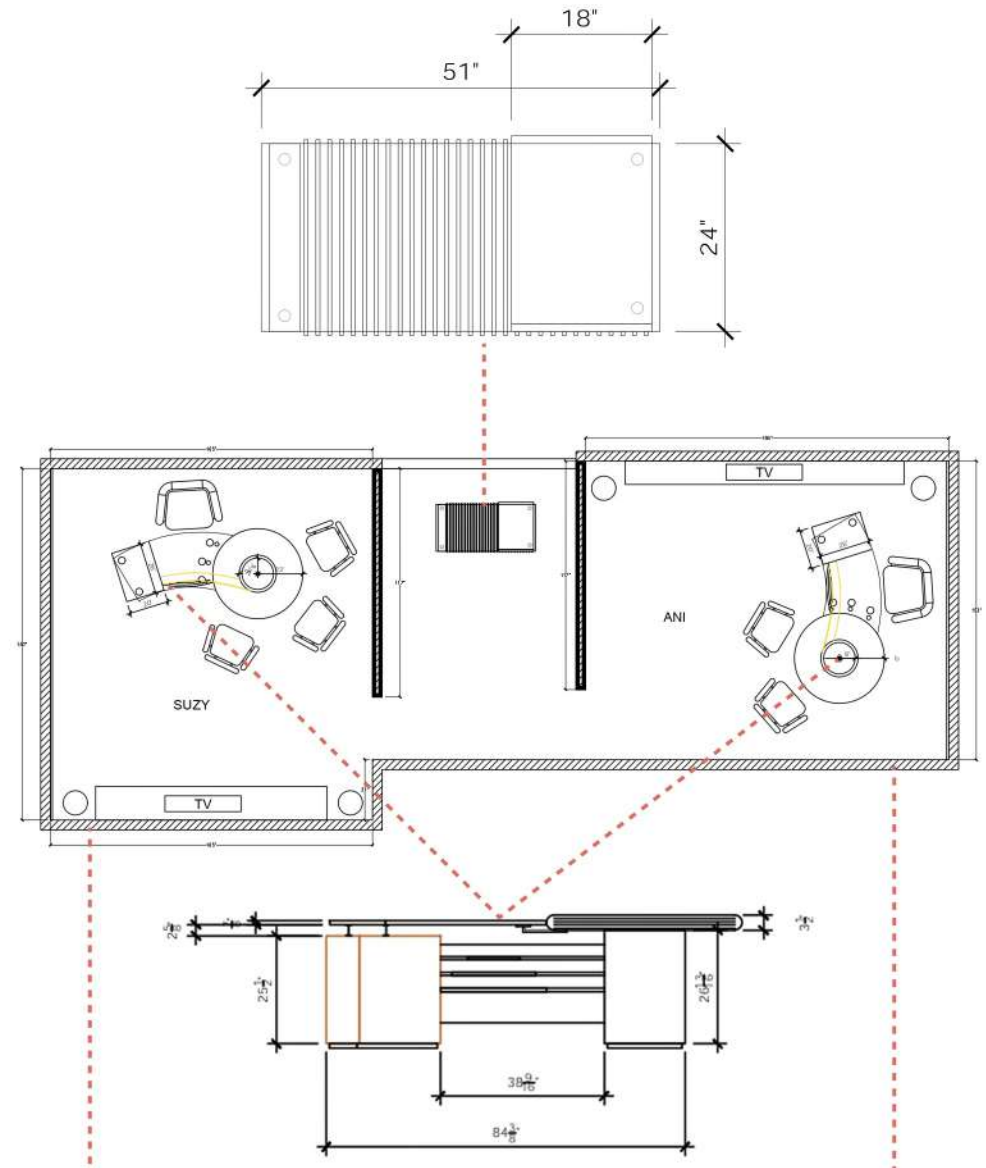






PROFESSIONAL WORK — TRUE DESIGN GROUP
LOS ANGELES, CA (2025–PRESENT)

PROJECT 02: NATIONWIDE ENVIRONMENTAL SERVICES OFFICE I LOS ANGELES, CALIFORNIA

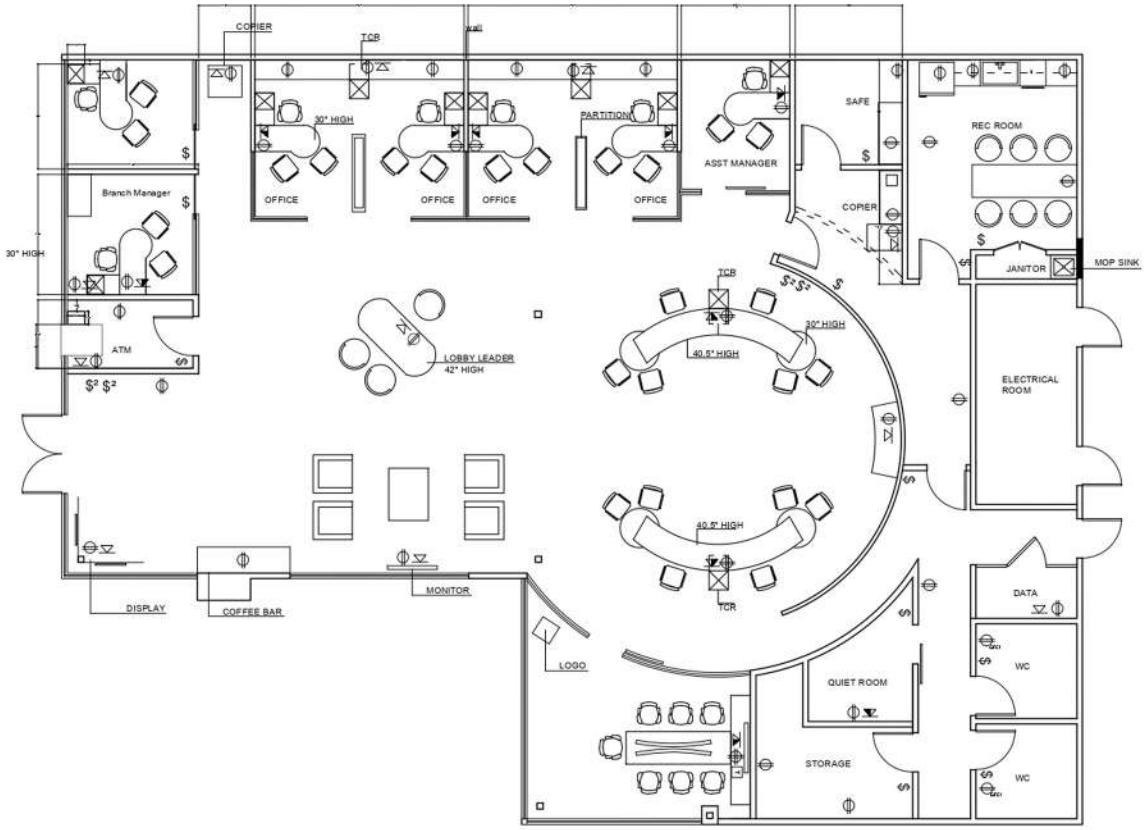




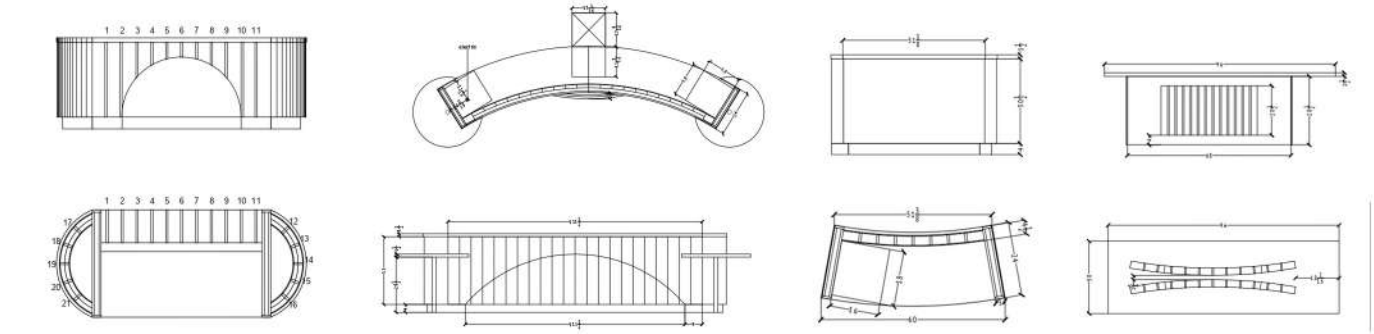


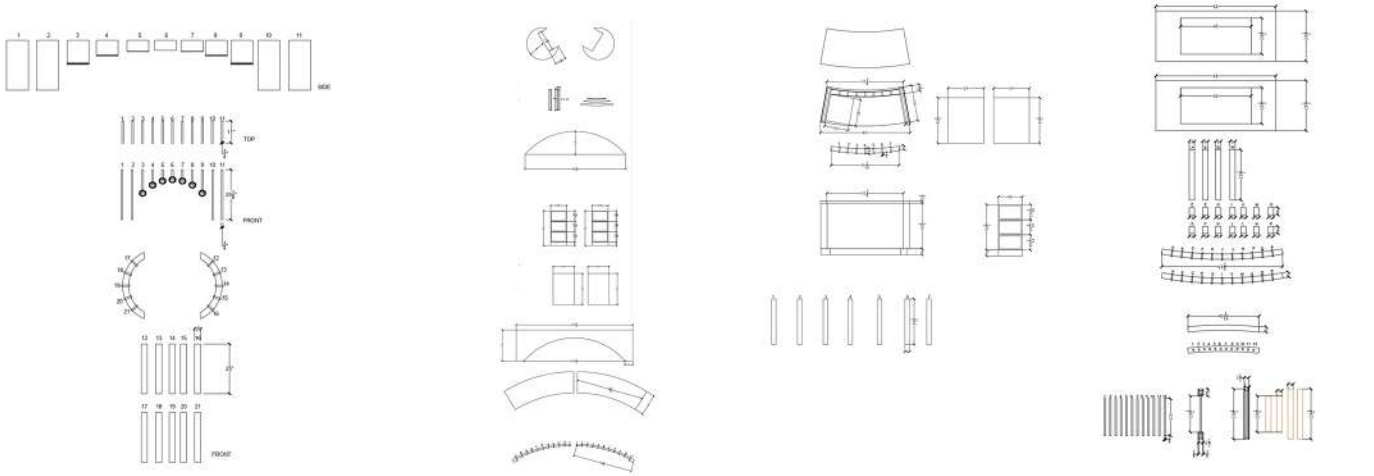


PROJECT 03: PREMIERE AMERICA BANK I SIMI VALLEY, CALIFORNIA



1 2 3 4





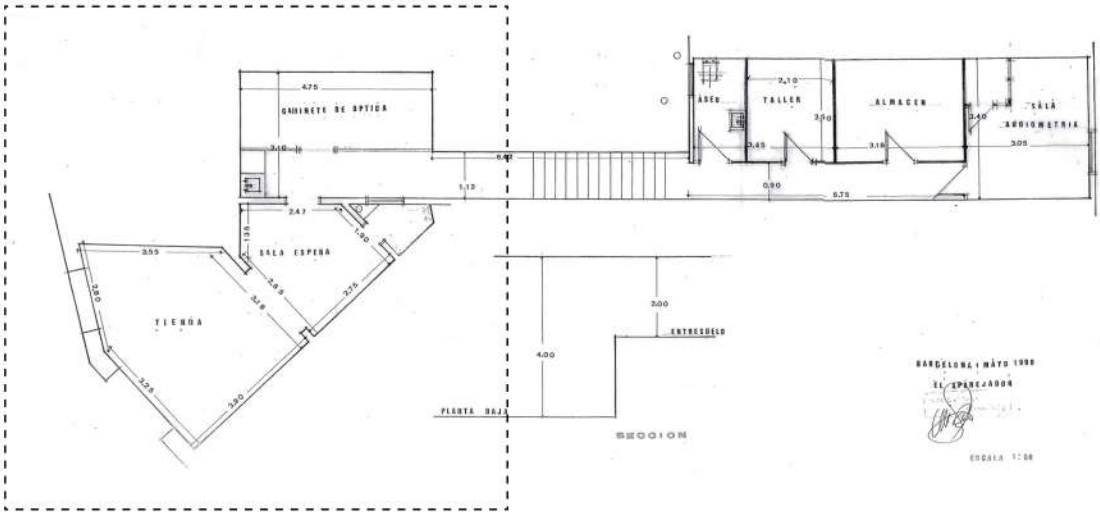
CNC, MILLING AND FABRICATION BREAKDOWN

TINI COCKTAILS & MOUSSE BAR ADAPTIVE REUSE INTERIOR - (PROFESSIONAL WORK)

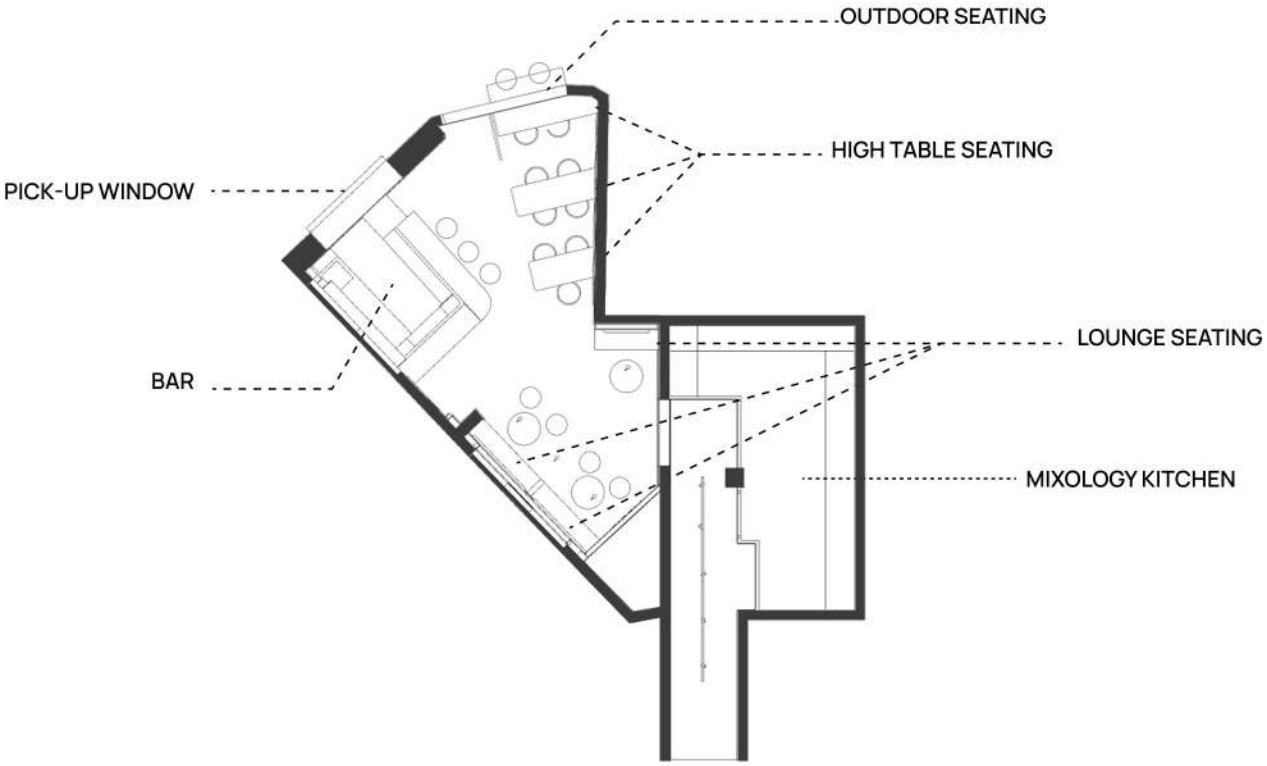


Real, built adaptive reuse bar.
Layout I Detailing I Coordination

TINI COCKTAILS & MOUSSE BAR - FREELANCE WORK
BARCELONA, SPAIN - 2024



ORIGINAL PLAN OF THE SPACE (MEDICAL CLINIC)



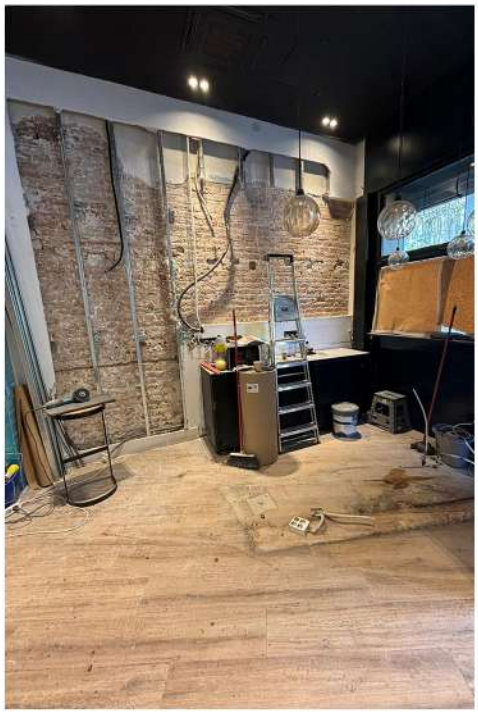
FINISHED PROJECT PLAN

Existing Condition

Finished Project









Existing medical clinic with limited spatial depth and hidden **Catalan brick walls.**

Led **layout redesign**, **bar detailing**, **lighting integration**, and **fabrication coordination** from concept through installation.

Delivered to execution in **3 months** as a **Freelance Designer.**



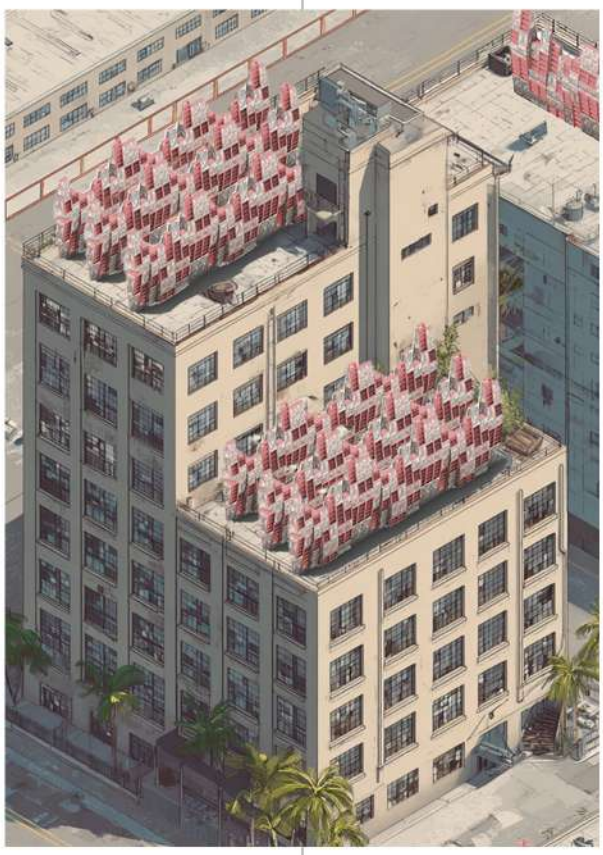






TINI COCKTAILS & MOUSSE BAR - FREELANCE WORK
BARCELONA, SPAIN - 2024

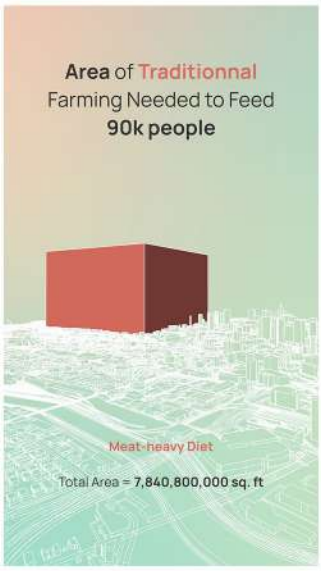
AERA - SCIARC THESIS
AEROPONIC ENVIRONMENTAL RESPONSE ARCHITECTURE

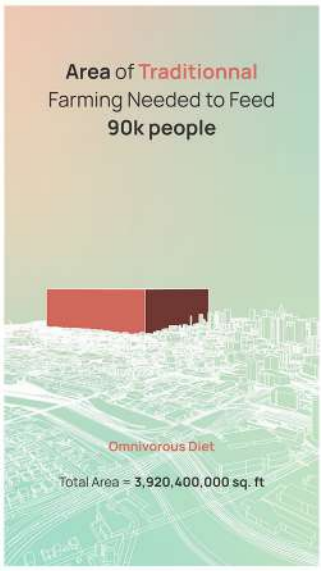


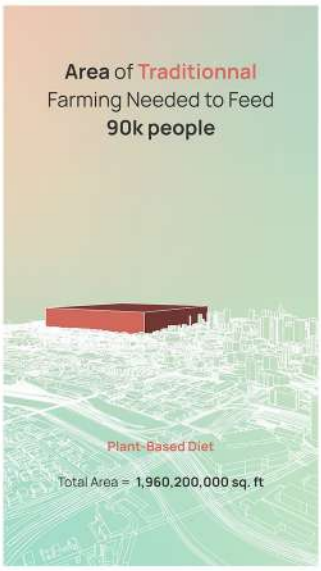
AERA is a proposal for the implementation of modular aeroponic farms within the liminal and underutilized spaces of Los Angeles.
Parametric system I urban proposal I 1:1 prototype.

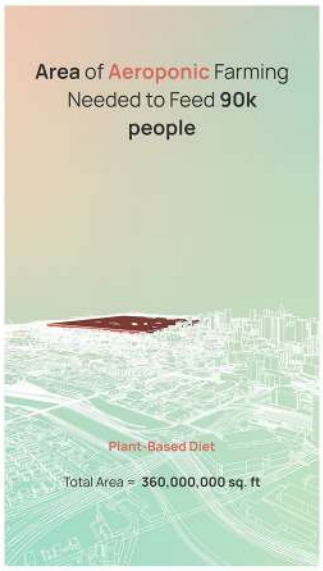
AERA - SCI-ARC THESIS PROJECT
LOS ANGELES, CA - 2025

Parametric workflow to determine module placement based on food diet, solar exposure, and pedestrian flow.





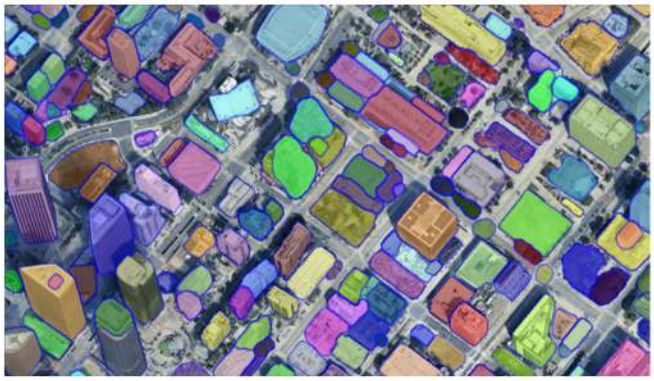




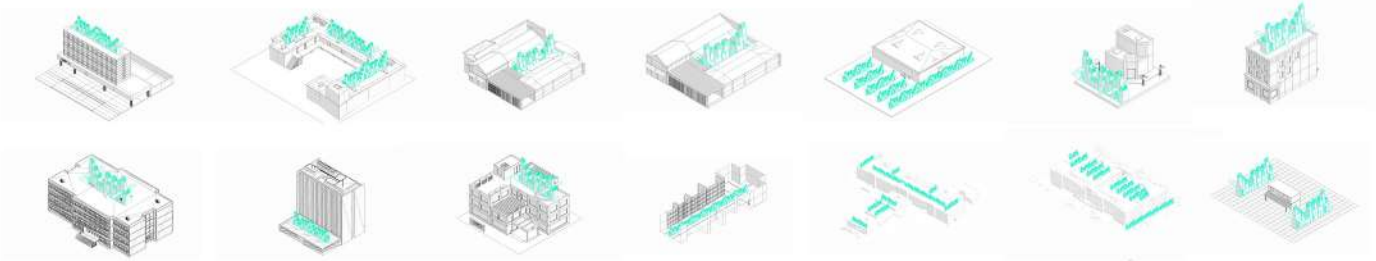
DATA
AI-driven environmental analysis



SITE
Urban fabric + zoning analysis

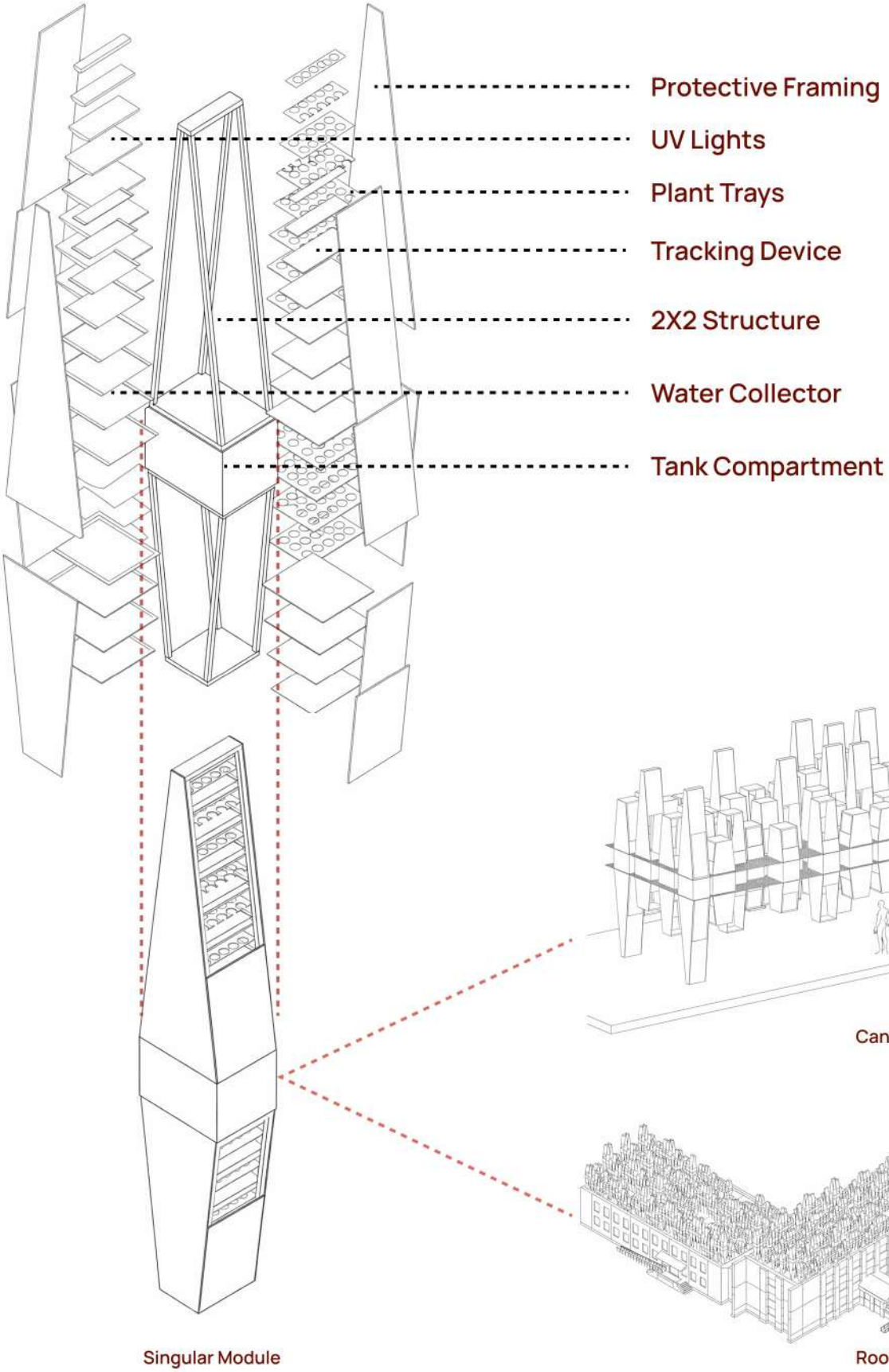


INTERVENTION
Aeroponic infrastructure proposal



AERA - SCI-ARC THESIS PROJECT
LOS ANGELES, CA - 2025

Module Breakdown | Construction | Architectural Implementation










EXIT



ROBOTIC FABRICATION & COMPUTATIONAL ASSEMBLY



A self-supporting chair through algorithmic design and fabricated by an industrial robot arm.
Scripted geometry I material testing I 1:1 prototype.

ROBOTIC SCRIPTING DEVELOPMENT
LOS ANGELES, CA - 2025





Grasshopper Python Script Editor

File Edit Tools Mode Help

```
def listToTree(nestedList):
    dt = gh.DataTree[object]()
    for i,l in enumerate(nestedList):
        dt.AddRange(l,gh.Kernel.Data.GH_Path(i))
    return dt

for i in range(len(curveList)):
    if(len(curveList[i]) > 1):
        temp = []
        for j in range(len(curveList[1])):
            if curveList[i][j] is not None:
                pList = curveList[i][j].ToArray()
                avPt = [500,500,0]
                for k in range(len(pList)):
                    if pList[k][0] < avPt[0]:
                        avPt[0] = pList[k][0]
                    if pList[k][1] < avPt[1]:
                        avPt[1] = pList[k][1]
                #factor = 1/(len(pList))
                #avPt = rs.VectorScale(avPt,factor)
                #avPt[2] = 0
                d = (avPt[0]*avPt[0]) + (avPt[1]*avPt[1])
                temp.append([d,curveList[i][j],avPt])
        temp.sort()
        keep = []
        keep.append(temp[0])
        cur = temp[0]
        cnt = 1
        temp.remove(temp[0])
        while len(temp) > 0:
            for j in range(len(temp)):
                closD = 999999999.99
                for k in range(len(temp[j][1])):
                    newD = rs.Distance(cur[2],temp[j][1][k])
                    if newD < closD:
                        closD = newD
                temp[j][0] = closD
            temp.sort()
            keep.append(temp[0])
            cur = temp[0]
            temp.remove(temp[0])
        used = []
        nPList = []
        tot = len(keep)-1
        if(tot > 1):
            tot = 1
        for j in range(len(keep)-1):
```





ROBOTIC SCRIPTING DEV - '25
LOS ANGELES, CALIFORNIA













ROBOTIC SCRIPTING DEV - '25
LOS ANGELES, CALIFORNIA

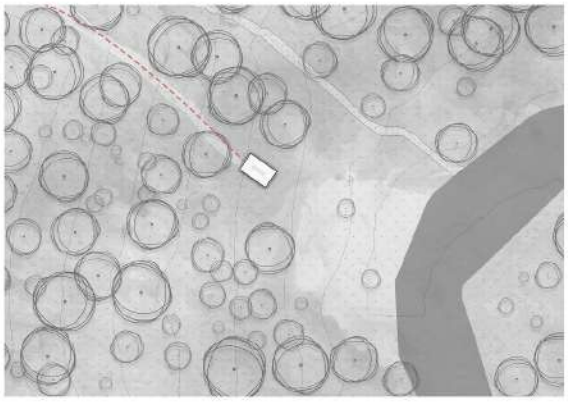
TIMBER PAVILLION - FESTIVAL DES CABANES COMPETITION

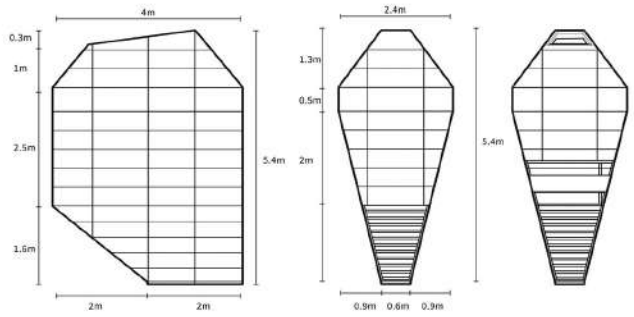


Timber cabin pavilion exploring space & mouvement
Structure I assembly I acoustic space.

Timber Pavilion Competition for Festival des Cabanes
ALPES, FRANCE - 2024







Beam 50×50mm

Beam 100×100mm



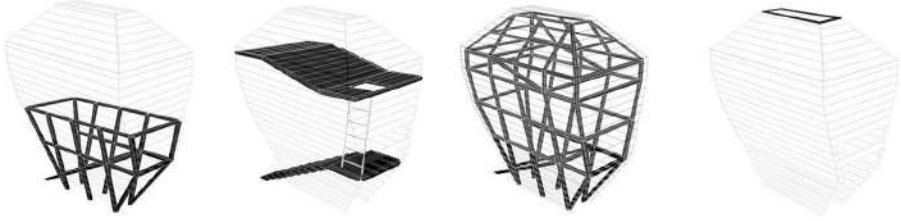
Column 100×100mm



Plantform×50mm thickness



Cover×20mm width



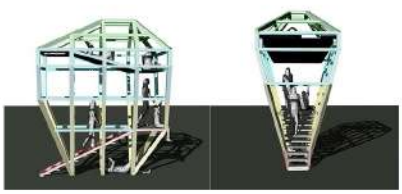
Timber Pavilion Competition for Festival des Cabanes
ALPES, FRANCE - 2024

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Timber Pavilion Competition for Festival des Cabanes
ALPES, FRANCE - 2024