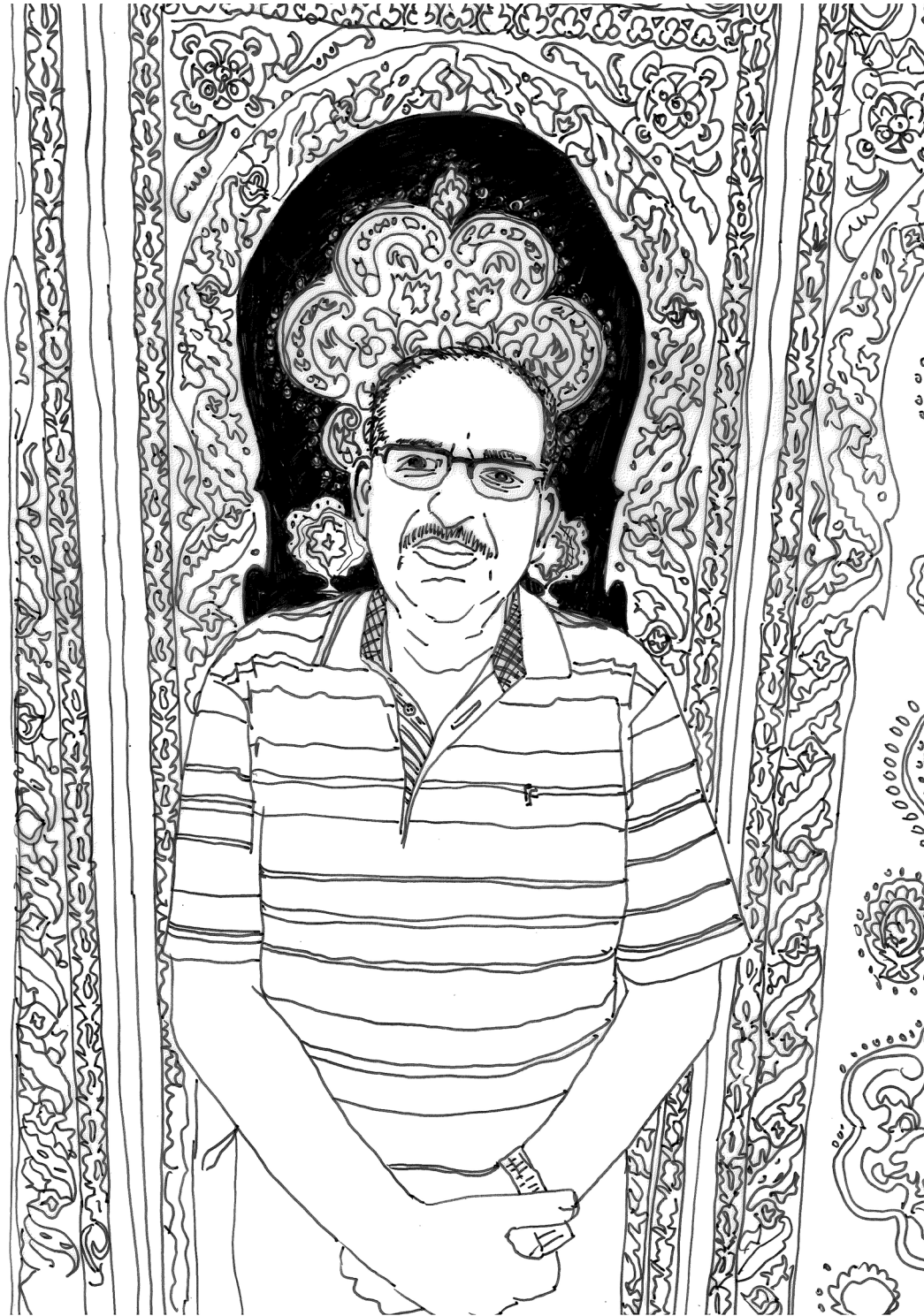




the weavers of Tangier





research

The Weavers Challenges
The Weavers Values
The Weavers Desires



Context

Changing Tangier
The Fondouk Chejra
Historical Relevance



Sign intervention

Exploration
The Symbol for Revival
The Design



reflection

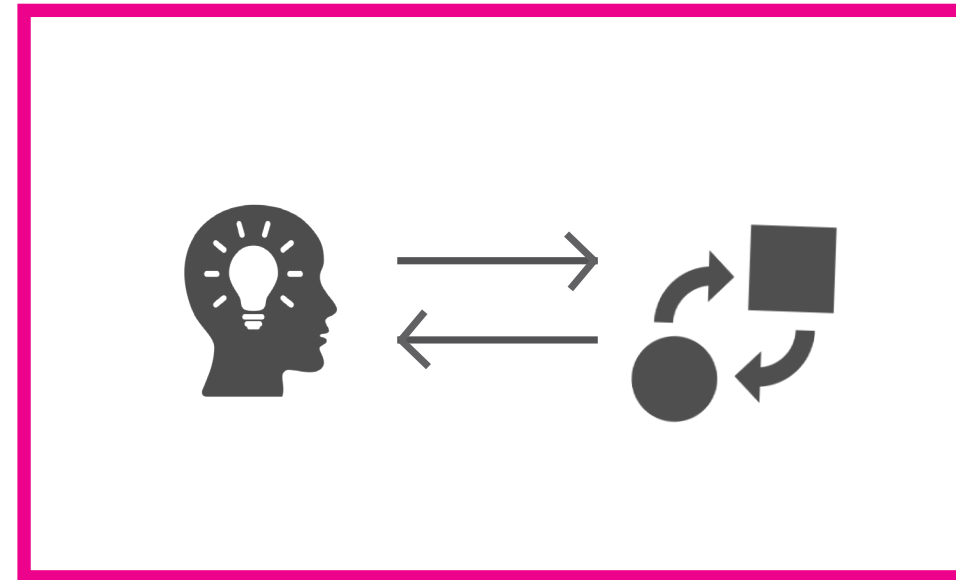
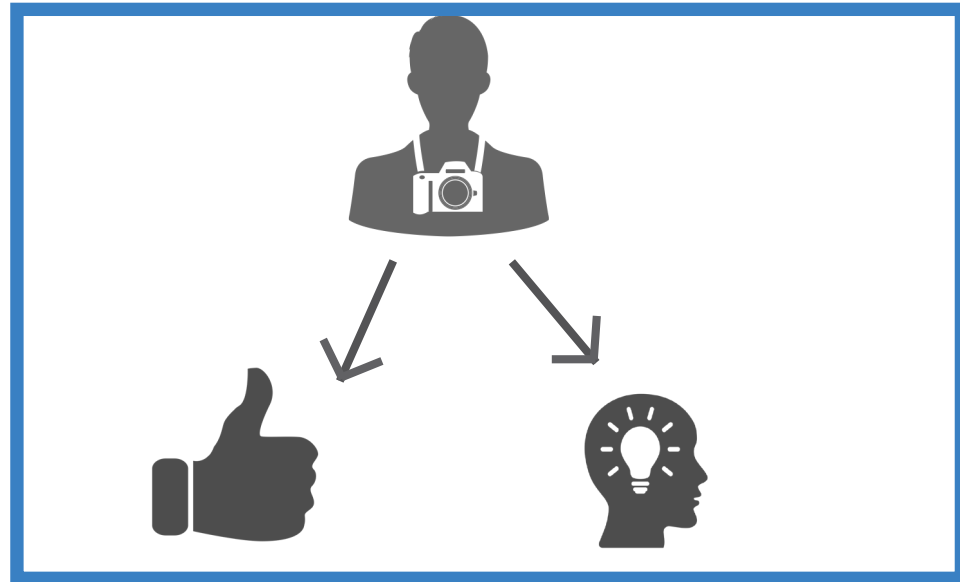
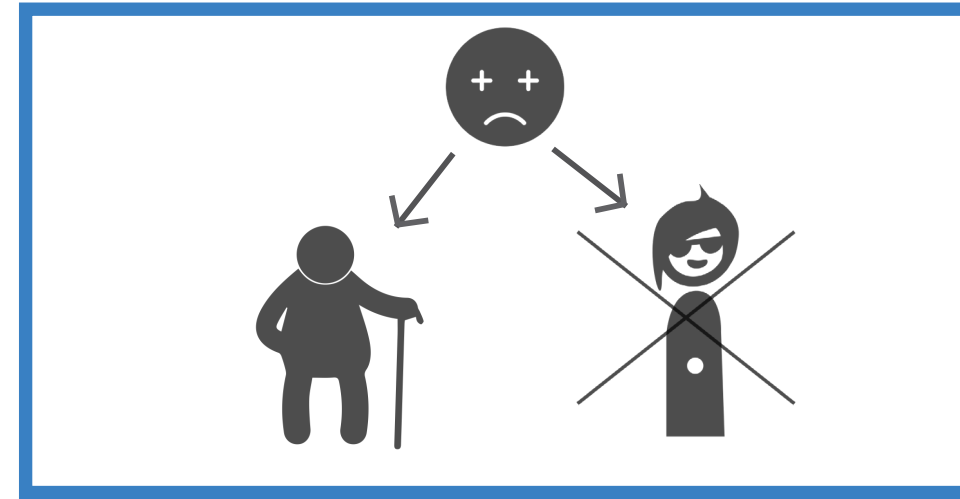
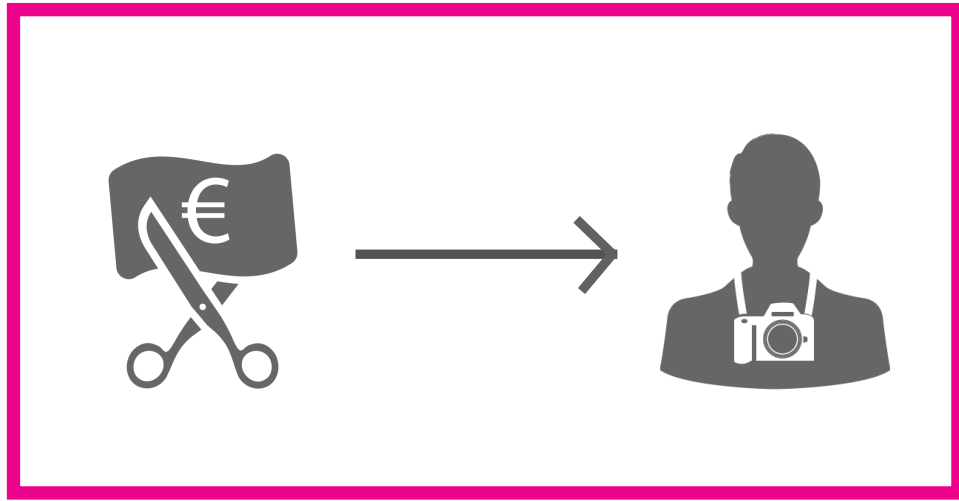
Outsider Intervention
Future Relevance
Master Plan

introduction









City Clothing



Interiors



Women's Aprons.
Countryside



Cushions

????

What measures can Tangier's Weaving Association take for the future prosperity of the craft, in response to an ageing work force and a declining tourist market?

What measures can Tangier's Weaving Association take for the future prosperity of the craft, in response to an ageing work force and a declining tourist market?

Brand

لانا قروشك

Market

What measures can Tangier's Weaving Association take for the future prosperity of the craft, in response to an ageing work force and a declining tourist market?

Brand

لانامقشك

Market

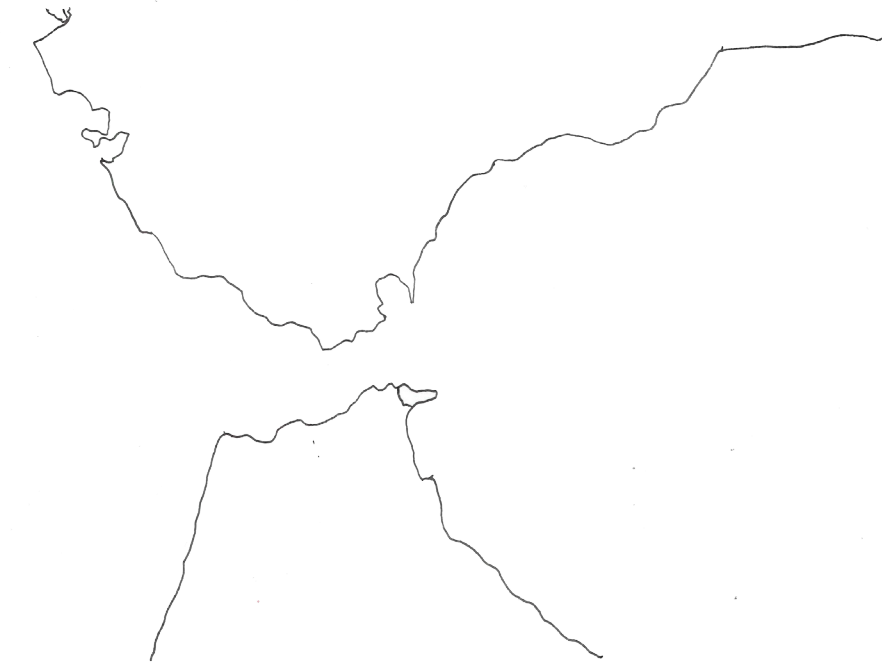
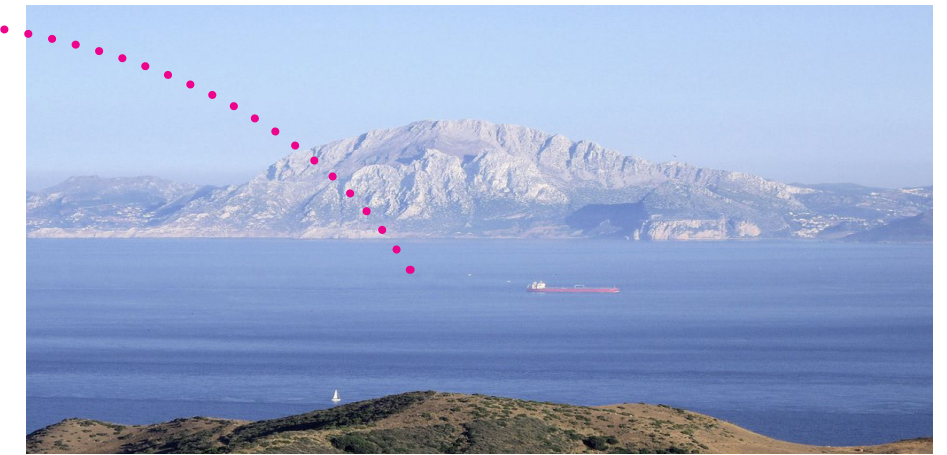
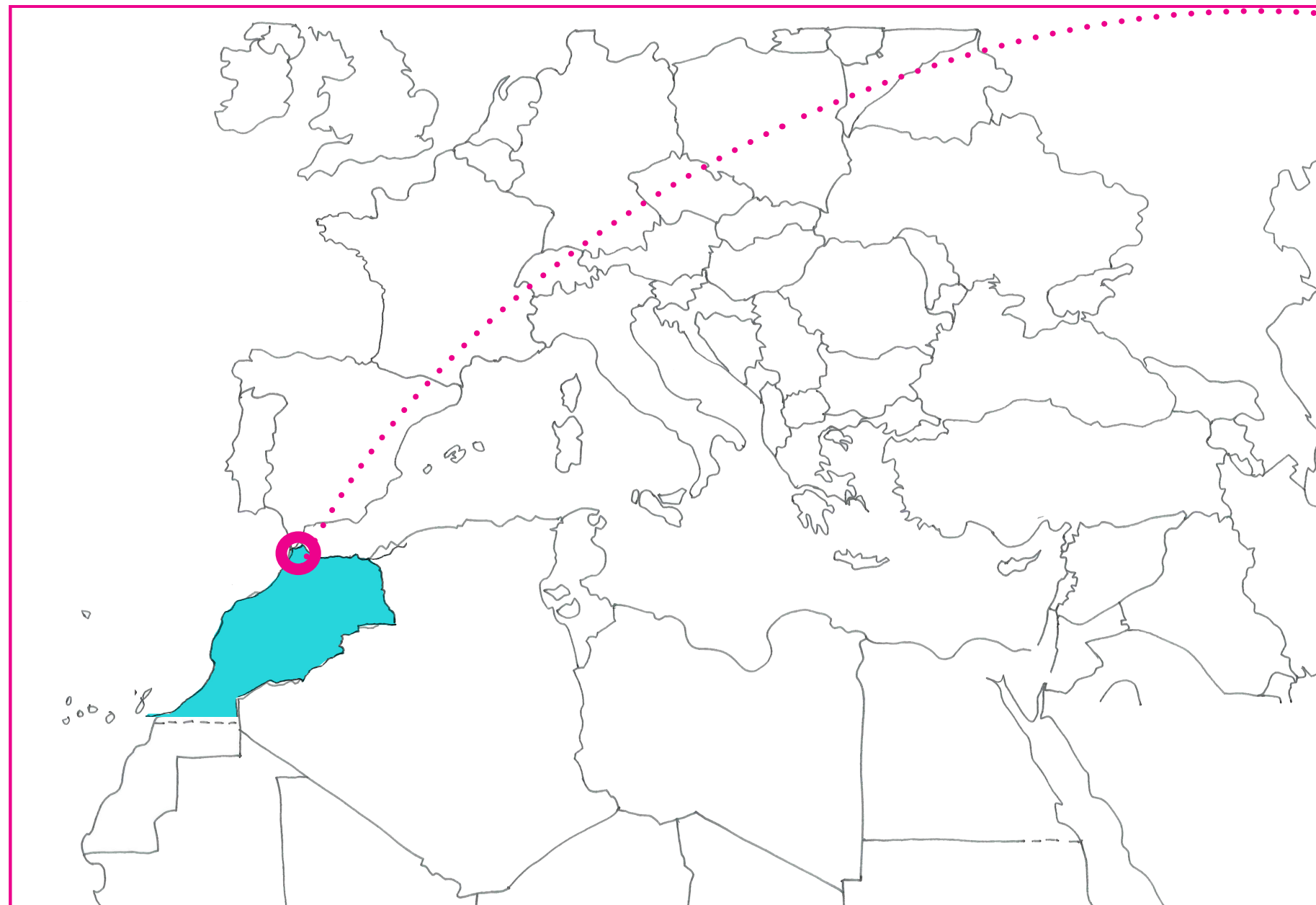
What makes Tangier's Weavers unique?

What makes Tangier's Weavers unique?

historical location

قدهشكنناك

current residence



CULTURAL BRIDGE between Europe, Africa and the Arab world. An '**ACCESS POINT** to craft' (Bajalia 2016)

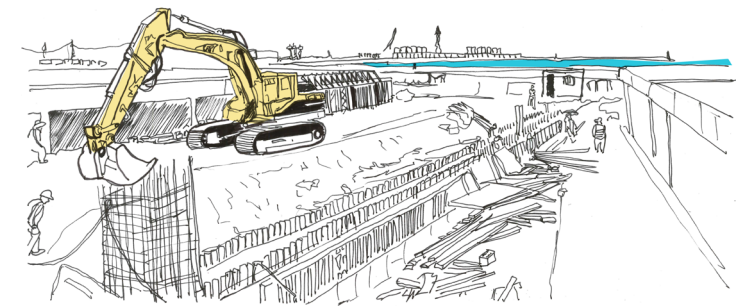
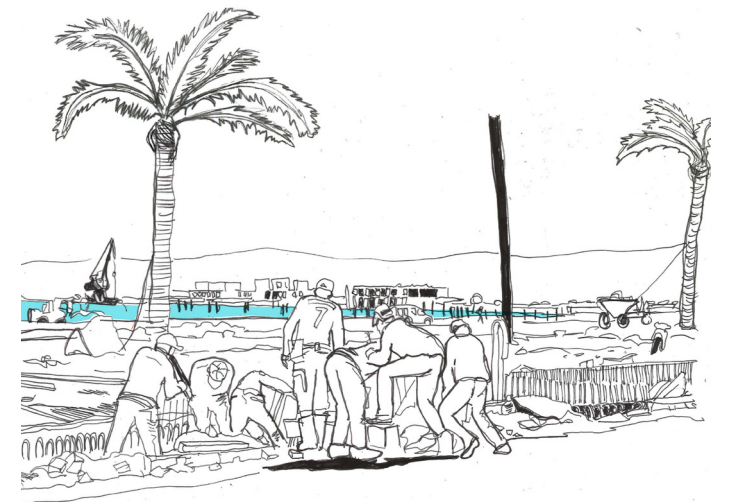


DIVERSE HERITAGE in weaving and thus fusion of weaving styles. Cultural familiarity for passer by and travellers.

historical location



Tangier is becoming a **Globalised City** arising from the interchange of world trade market and future tourist investment.





‘Tangier is not what it is anymore, the people are **‘SCARING THE TOURISTS AWAY.’**



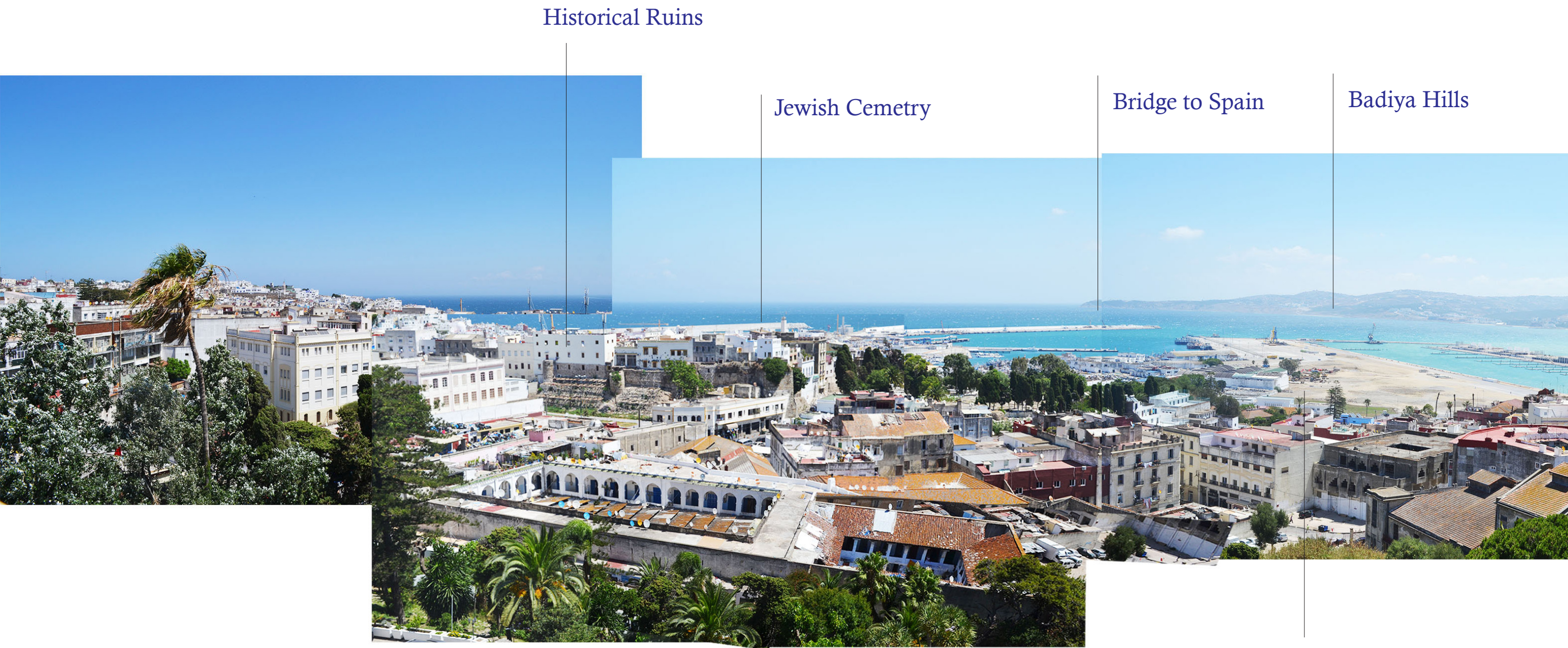


‘TOURISTS ARE GOOD PEOPLE ...They care for traditional craft and they care for this craft, we welcome tourists.’



Weaver's residence





Historical Ruins

Jewish Cemetery

Bridge to Spain

Badiya Hills

Built 1918 for Army

Lodgings for Travellers

Raw Material Shops

Jewish Craftsmen

Weaver's Market

Weaver's residence

Roof Terrace



East Side

3000 mm

1500 mm



15000 mm

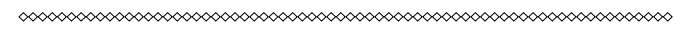


150 mm

West Side
Main Entrance

North Side

Weavers residence





30 000 mm

Entrance
North Side



2800

1900

Entrance
South Side

Westside

Weavers residence



33 000 mm



Entrance
Southside

Eastside

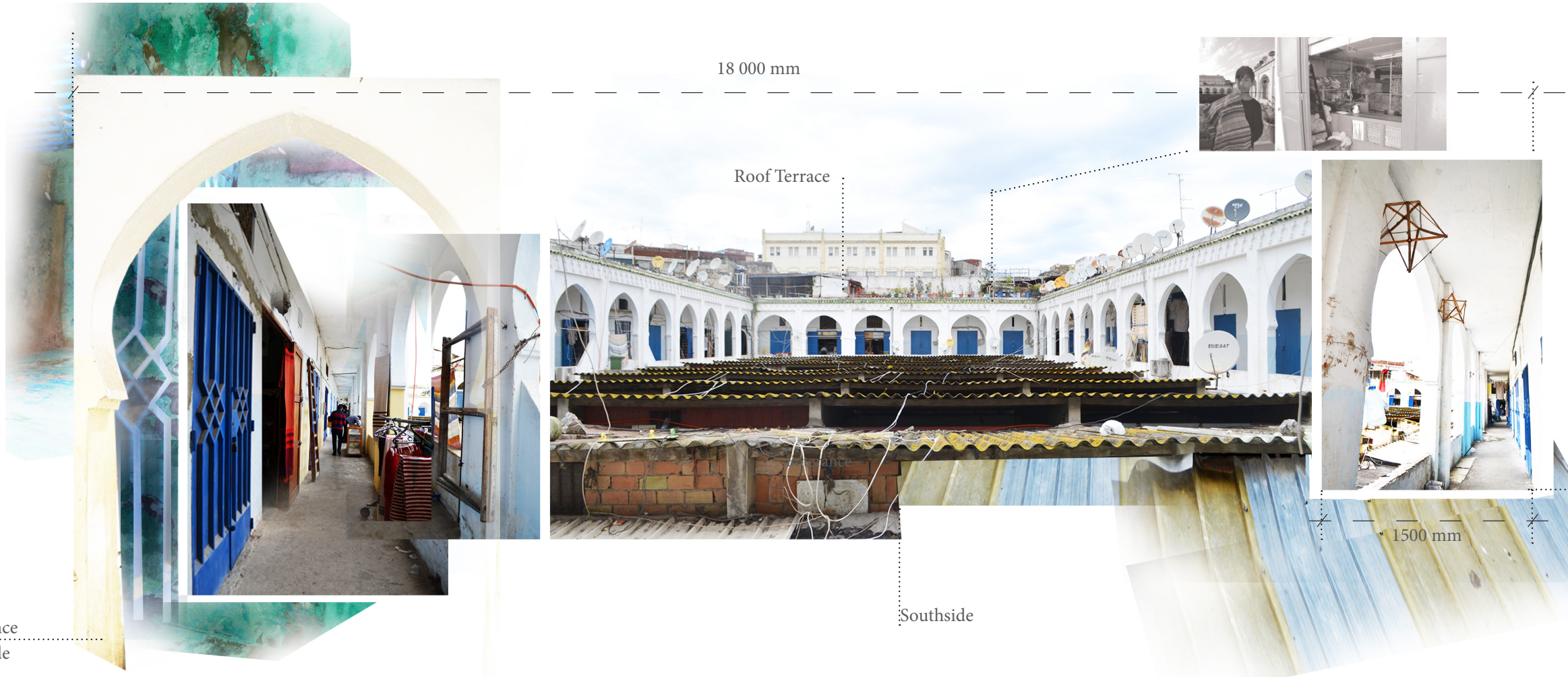


2550

Entrance
Northside

Stairs to Market

Waqar's residence



Entrance
Westside

18 000 mm

Roof Terrace

Southside

1500 mm

Entrance
Eastside

Weaver's residence





“How can we expect for people to come here? The **BUILDING IS DETERIORATING** and where it used to be known as the **FONDOUK CHEJRA WEAVERS**. It is not the case anymore. We used to be seen as a collective group, but not anymore”

تکنیک revival symbol

Working with their nature

Craft for change and
& innovation

represent the new things

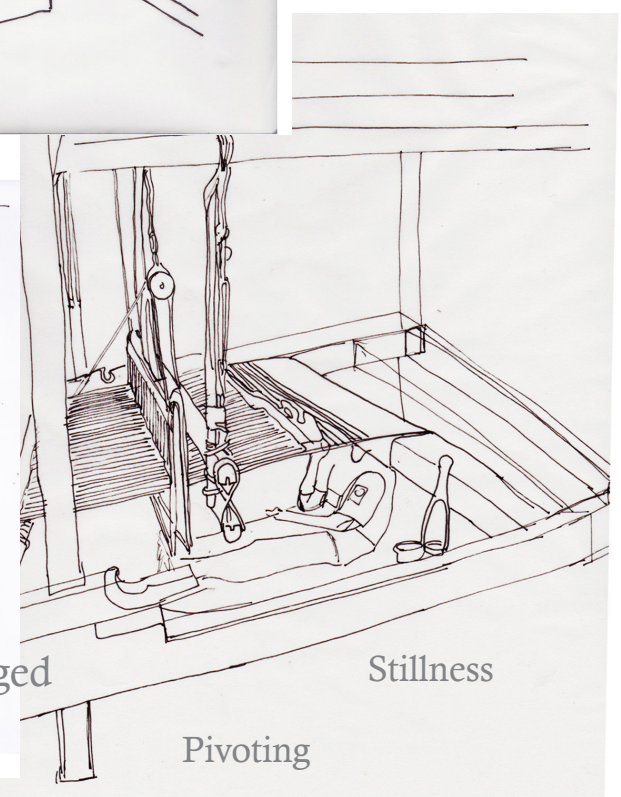
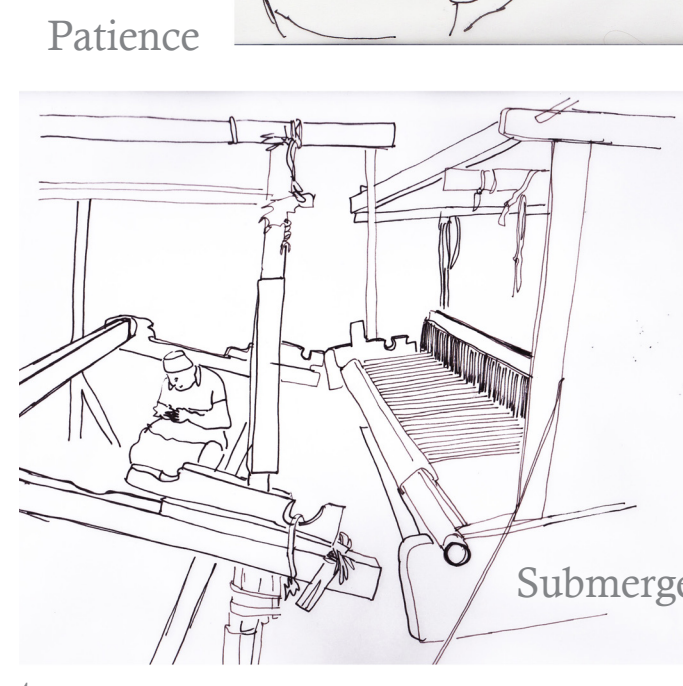
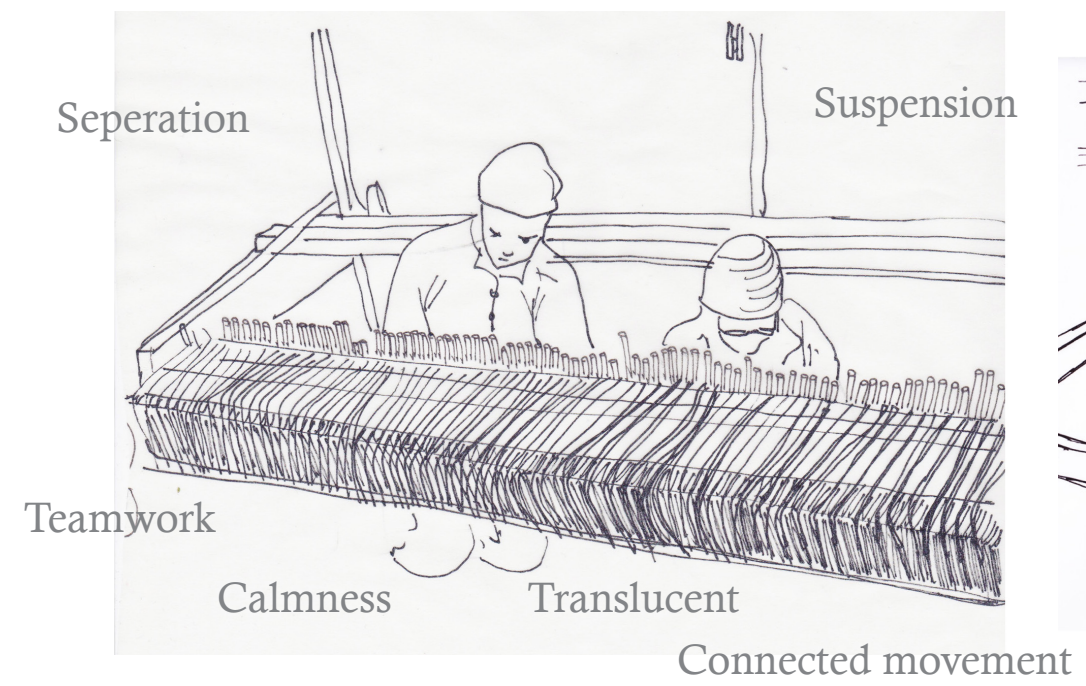
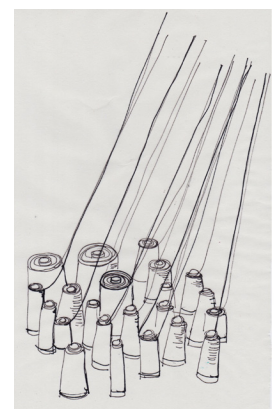
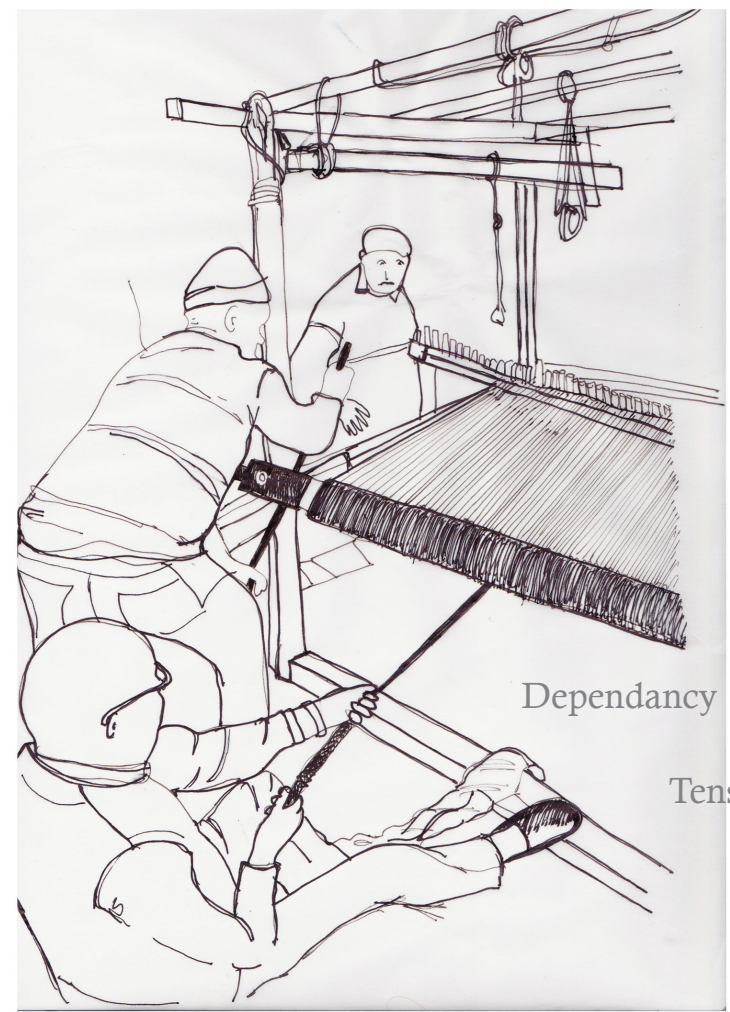
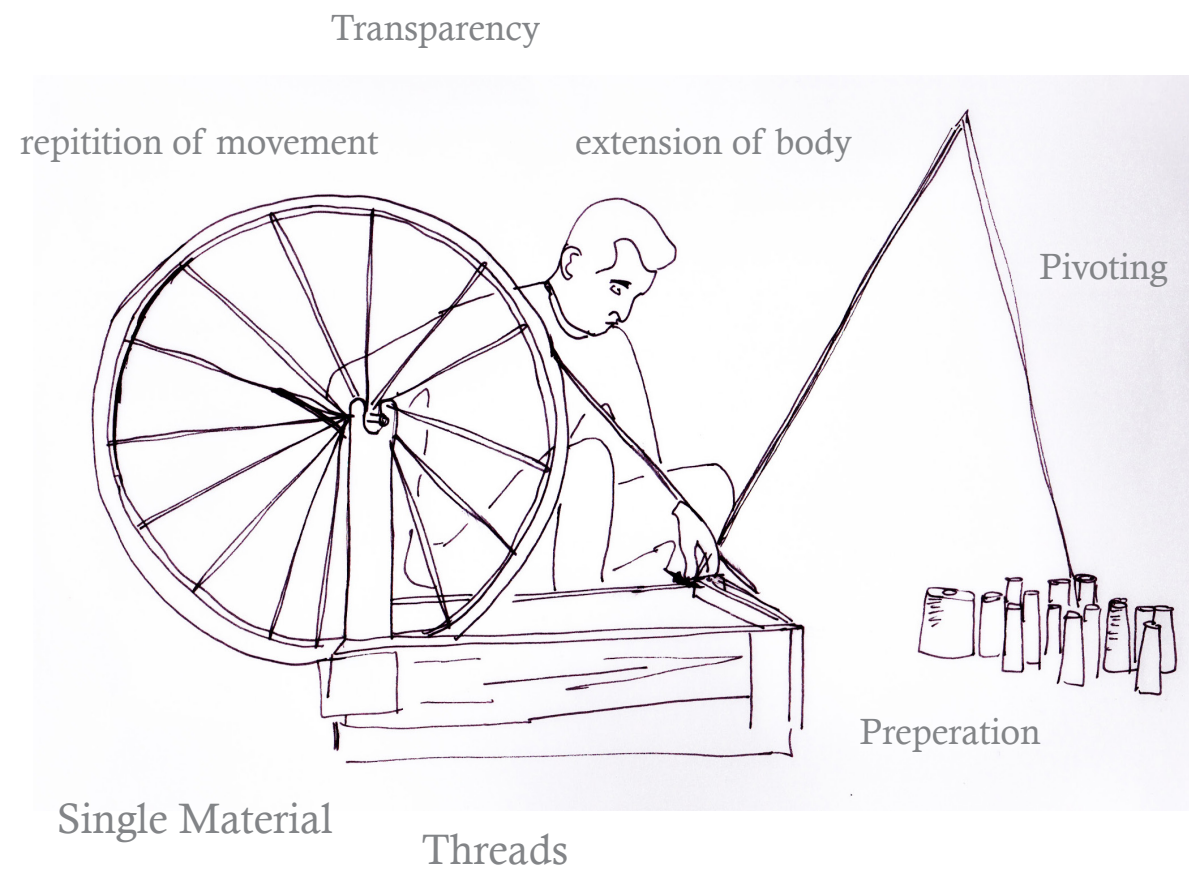
Design Concept Criteria.

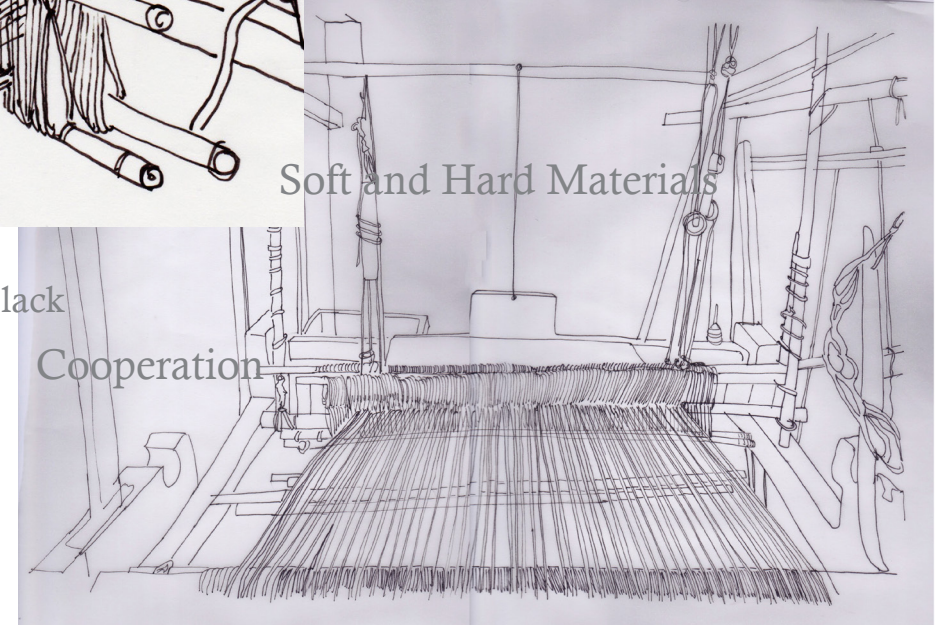
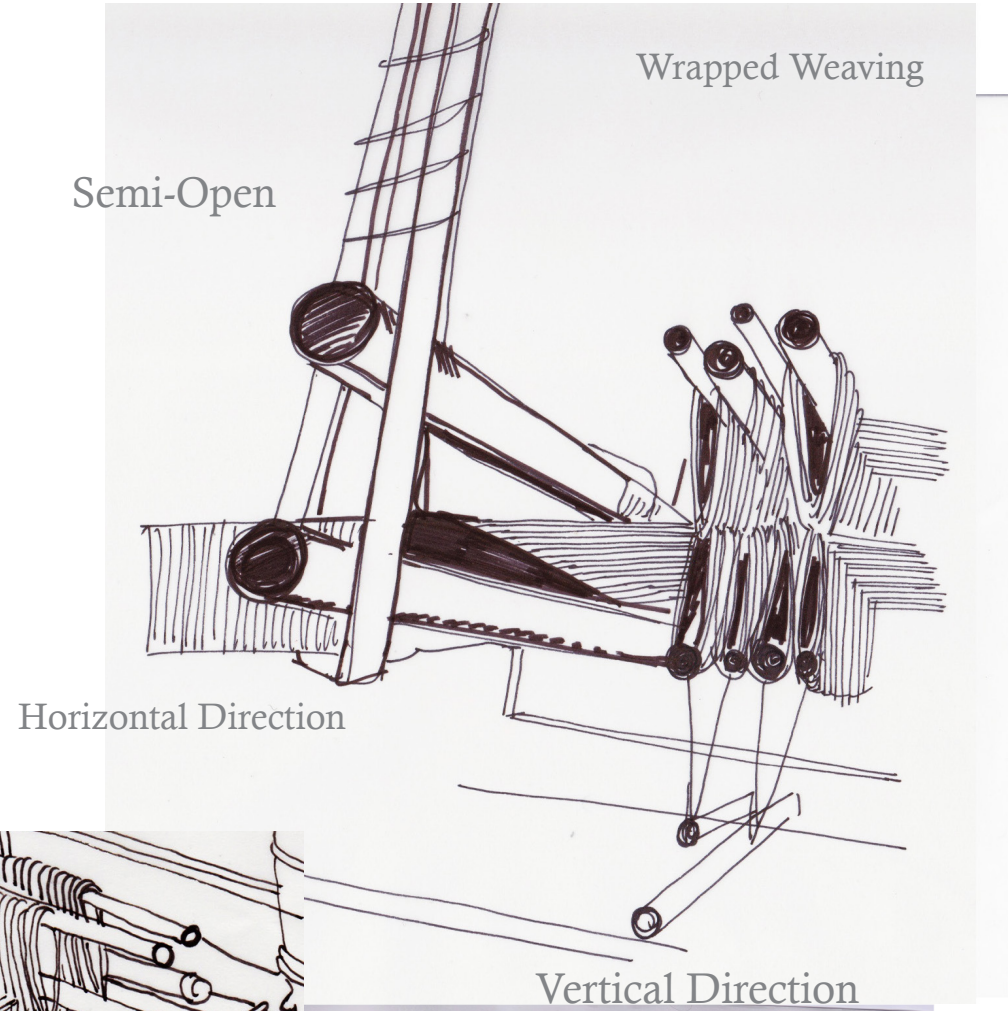
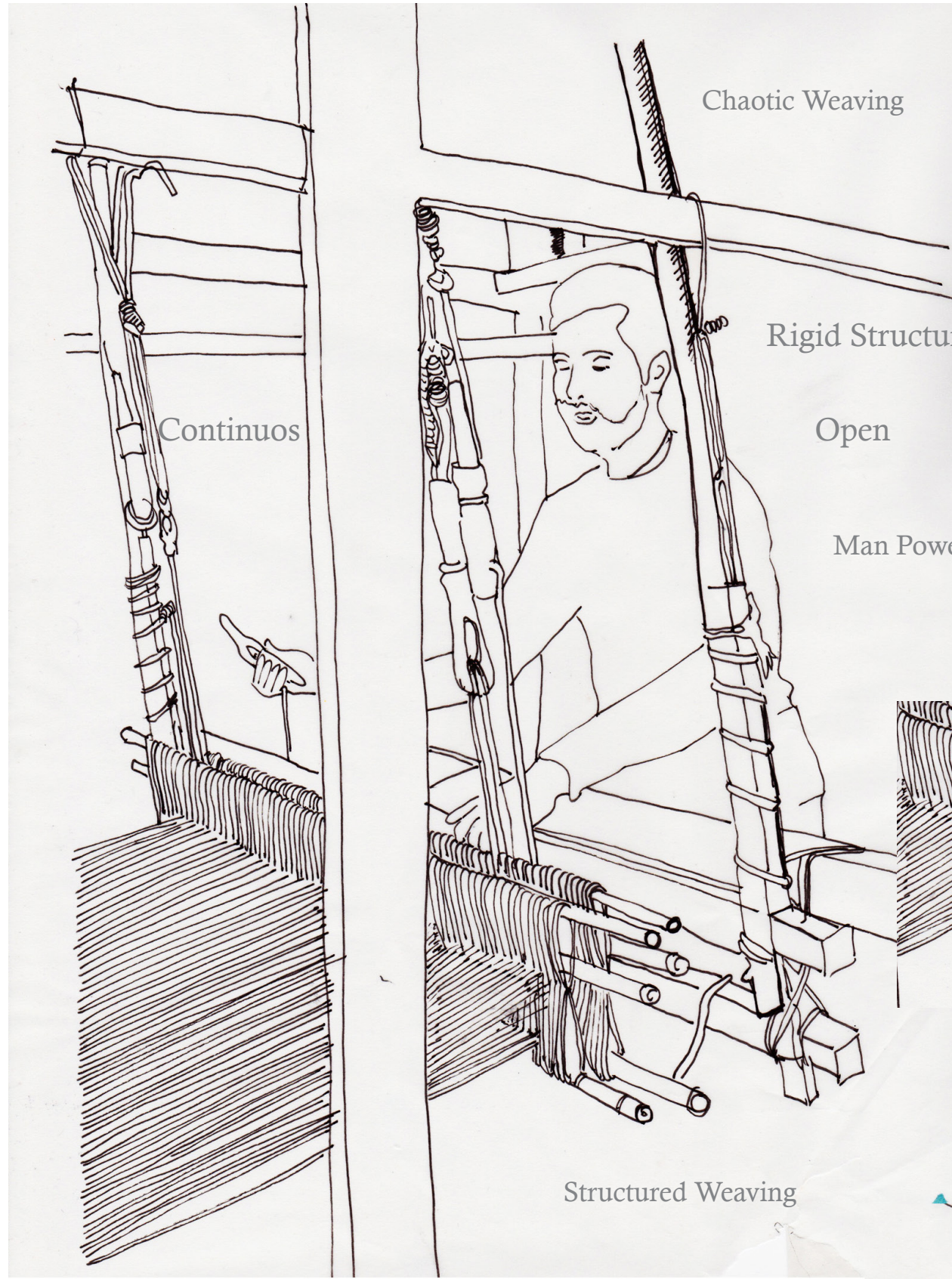
represent the looms of the
weavers

attract کسب و کار

tradition moving with time

تکنیک establish and continue







Body union

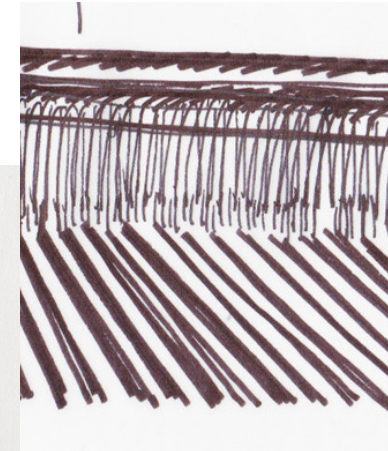
Interactive

Pattern

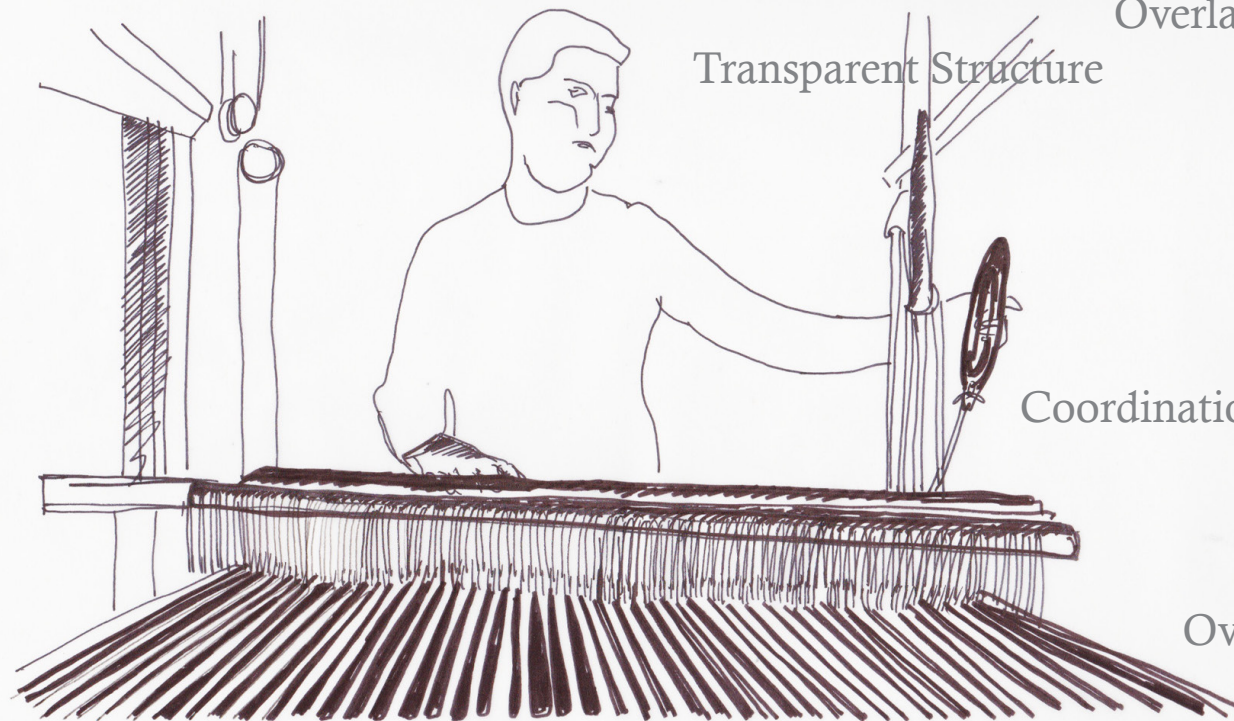


Changing Direction

Seperation



Seperation

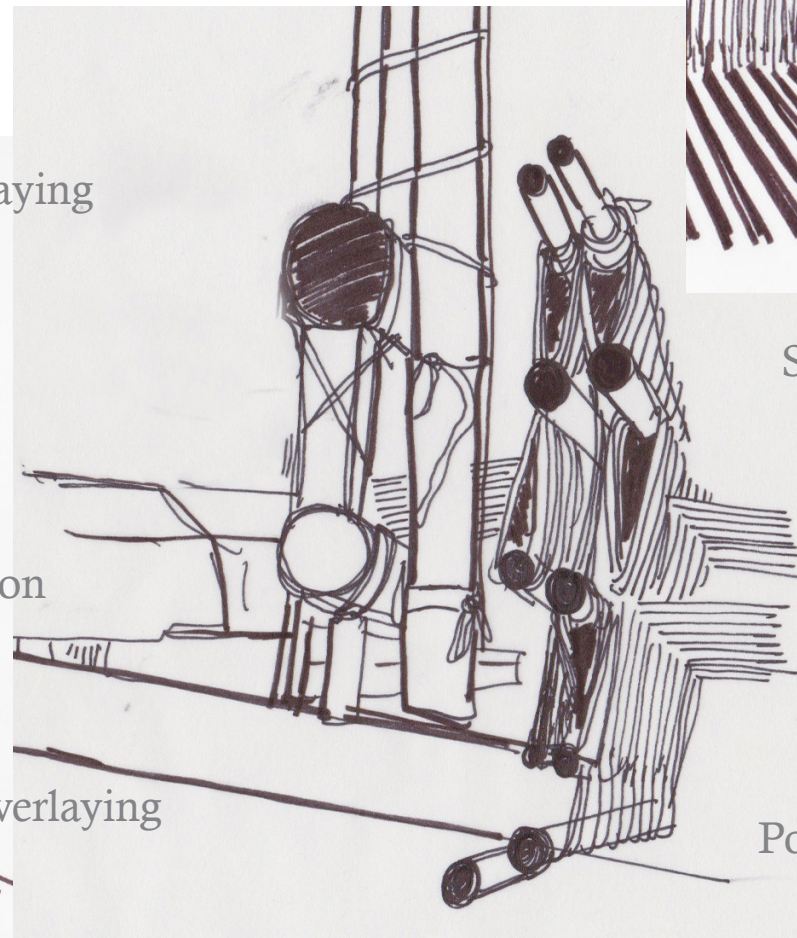


Transparent Structure

Overlaying

Coordination

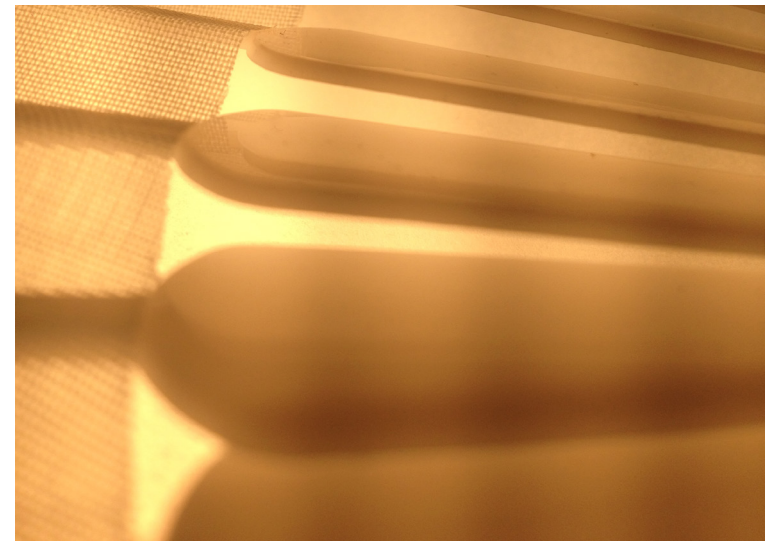
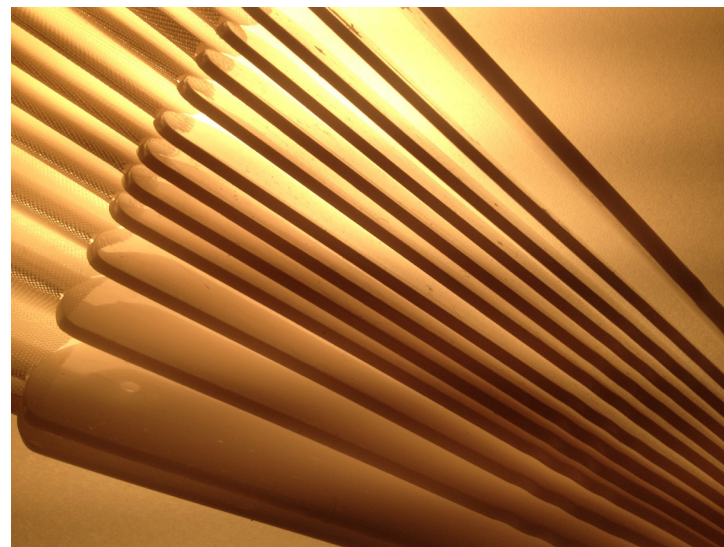
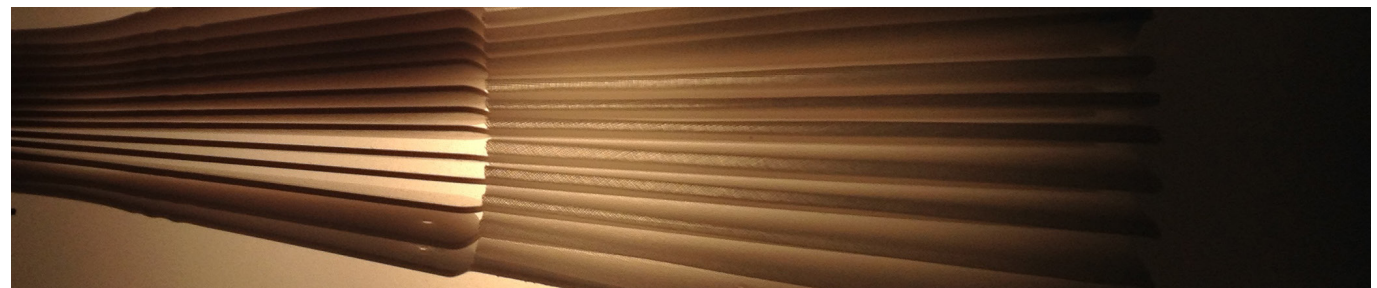
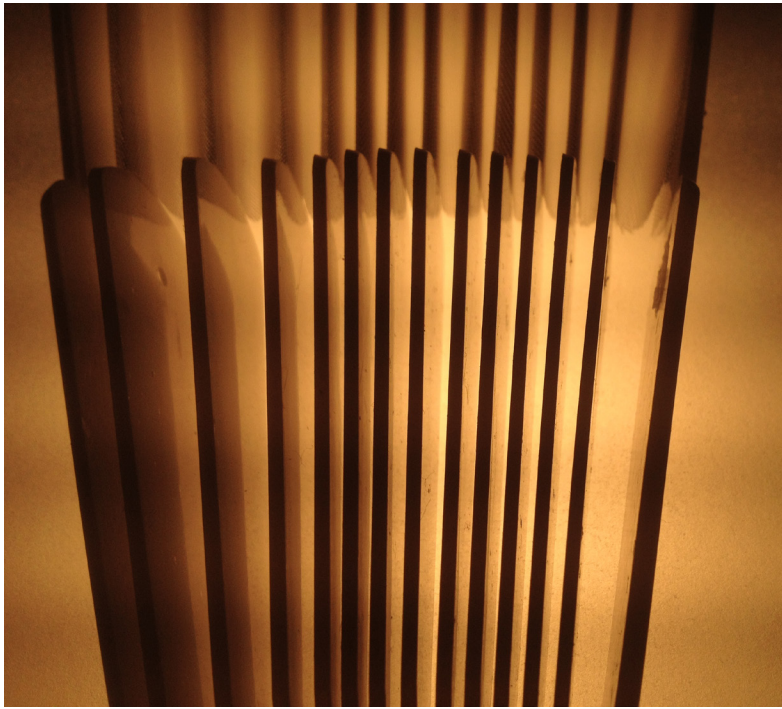
Overlaying



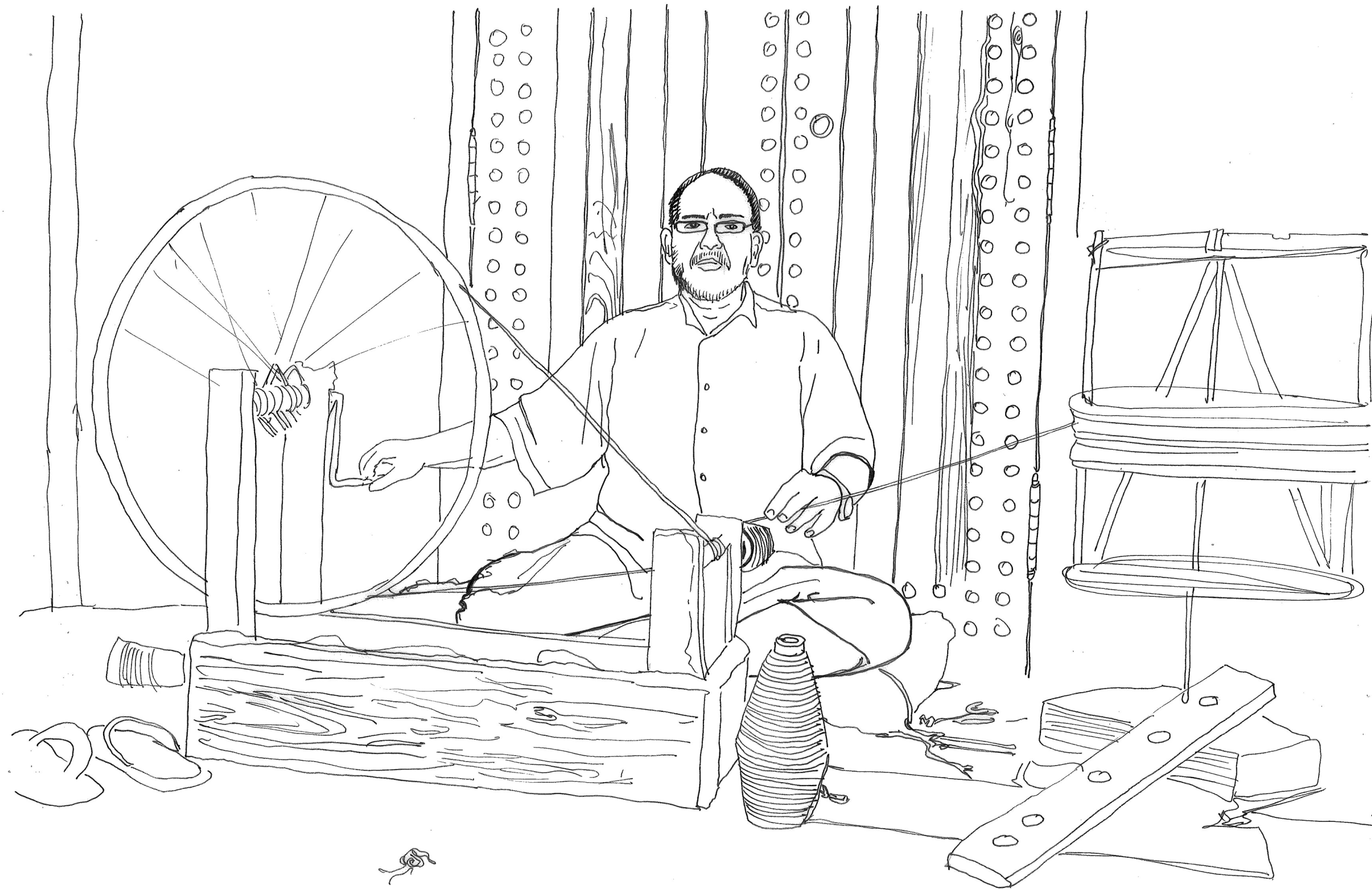
Wrapping

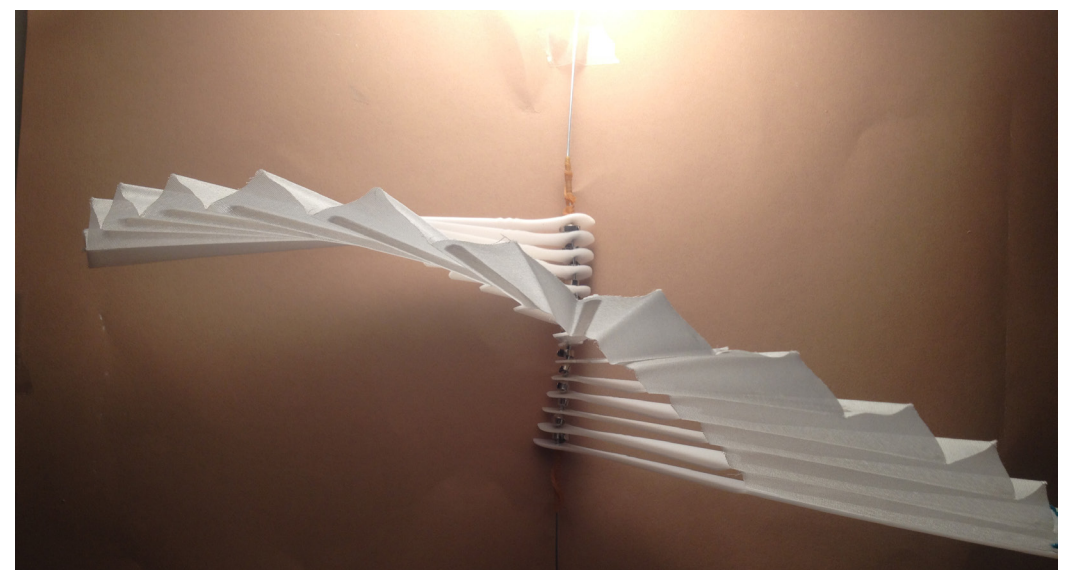
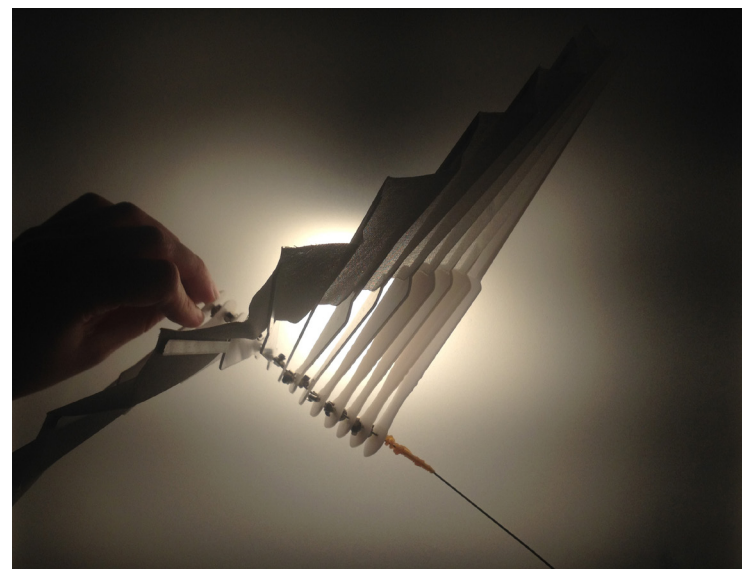
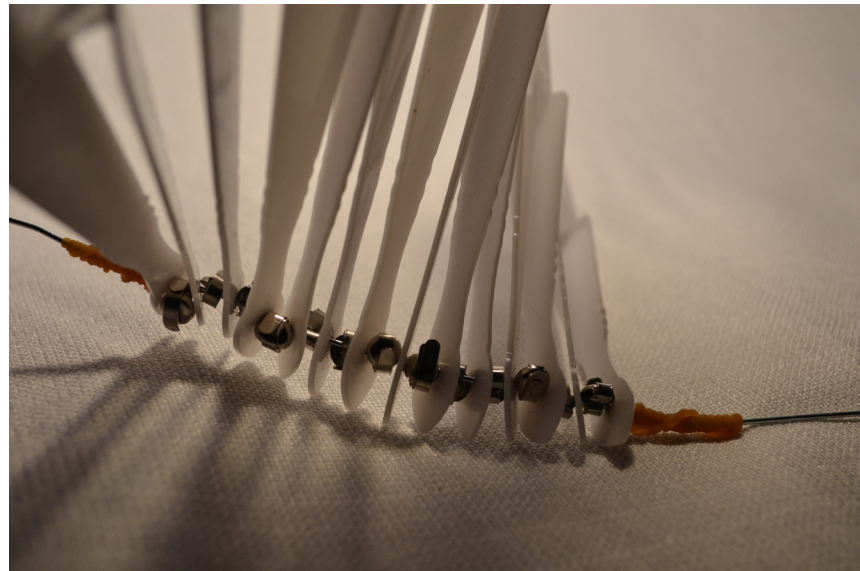
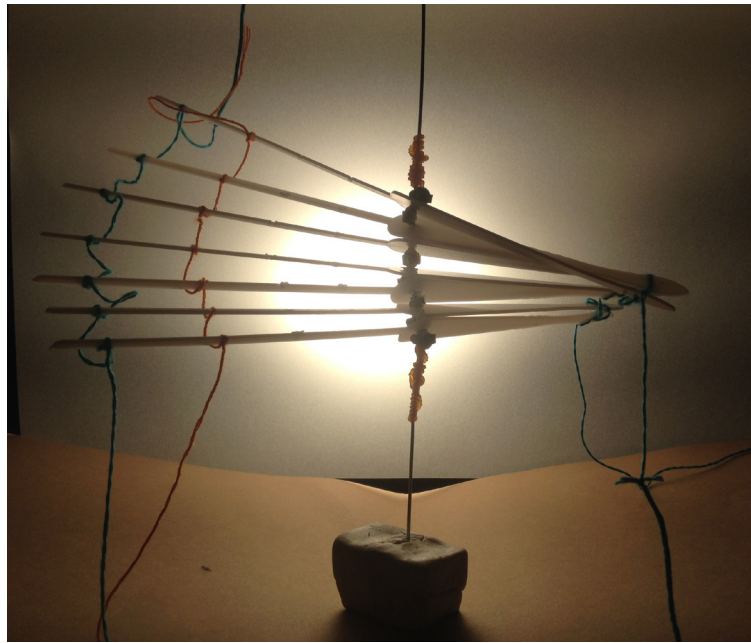
Power of two

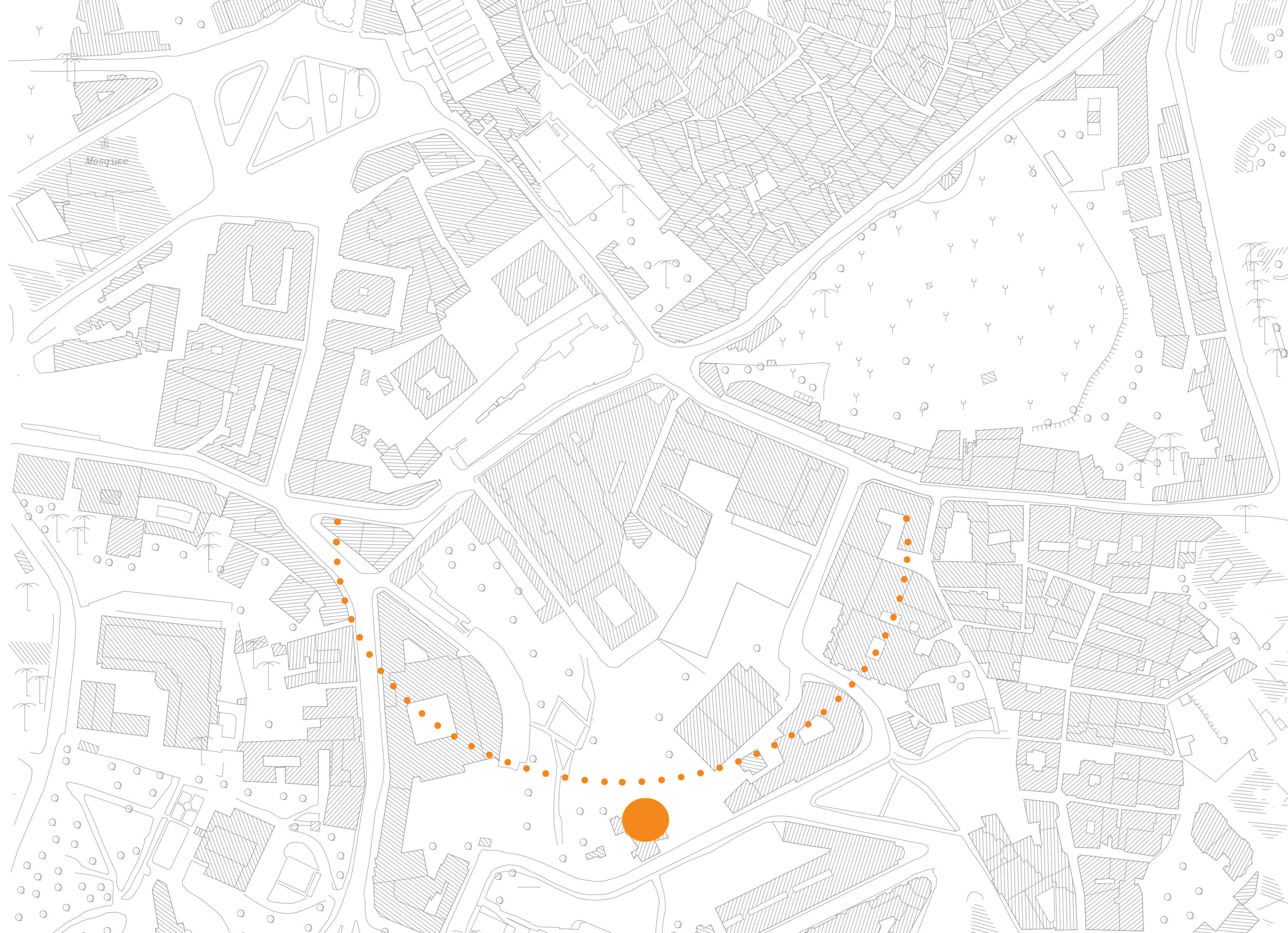




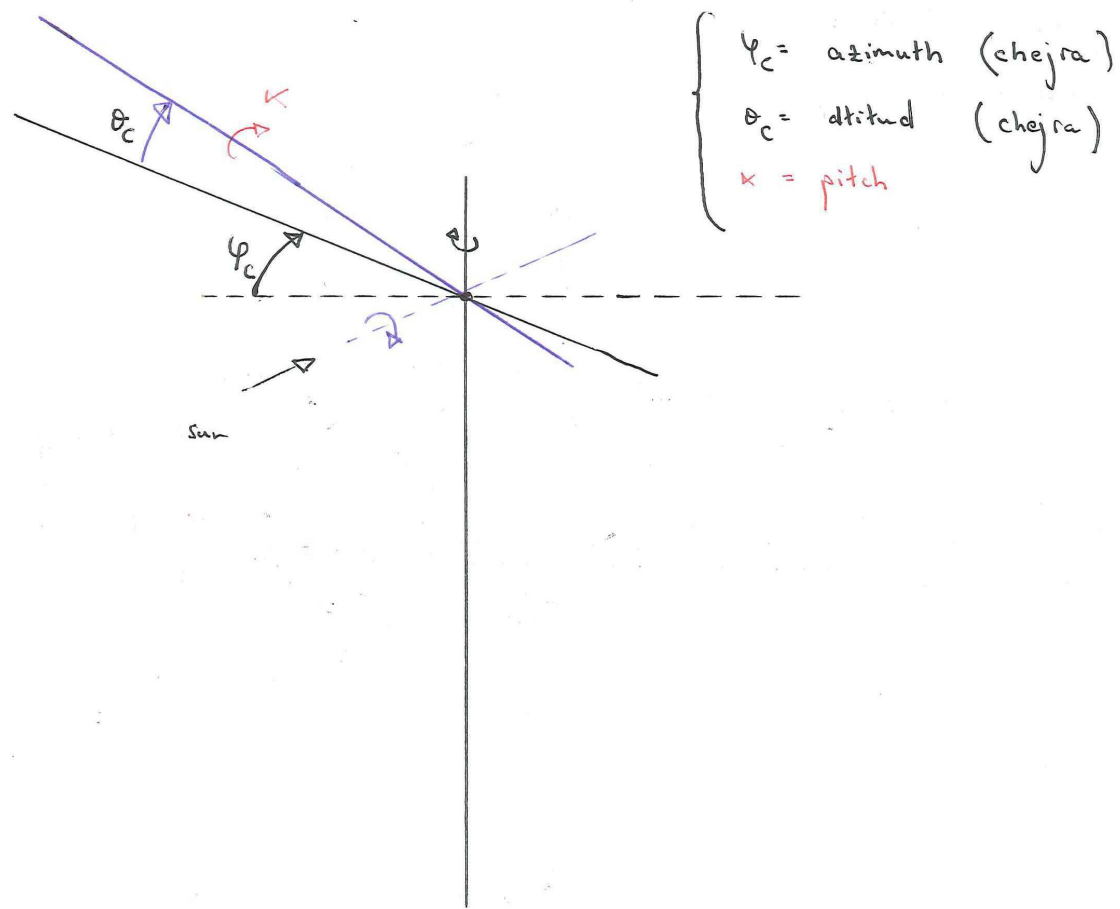






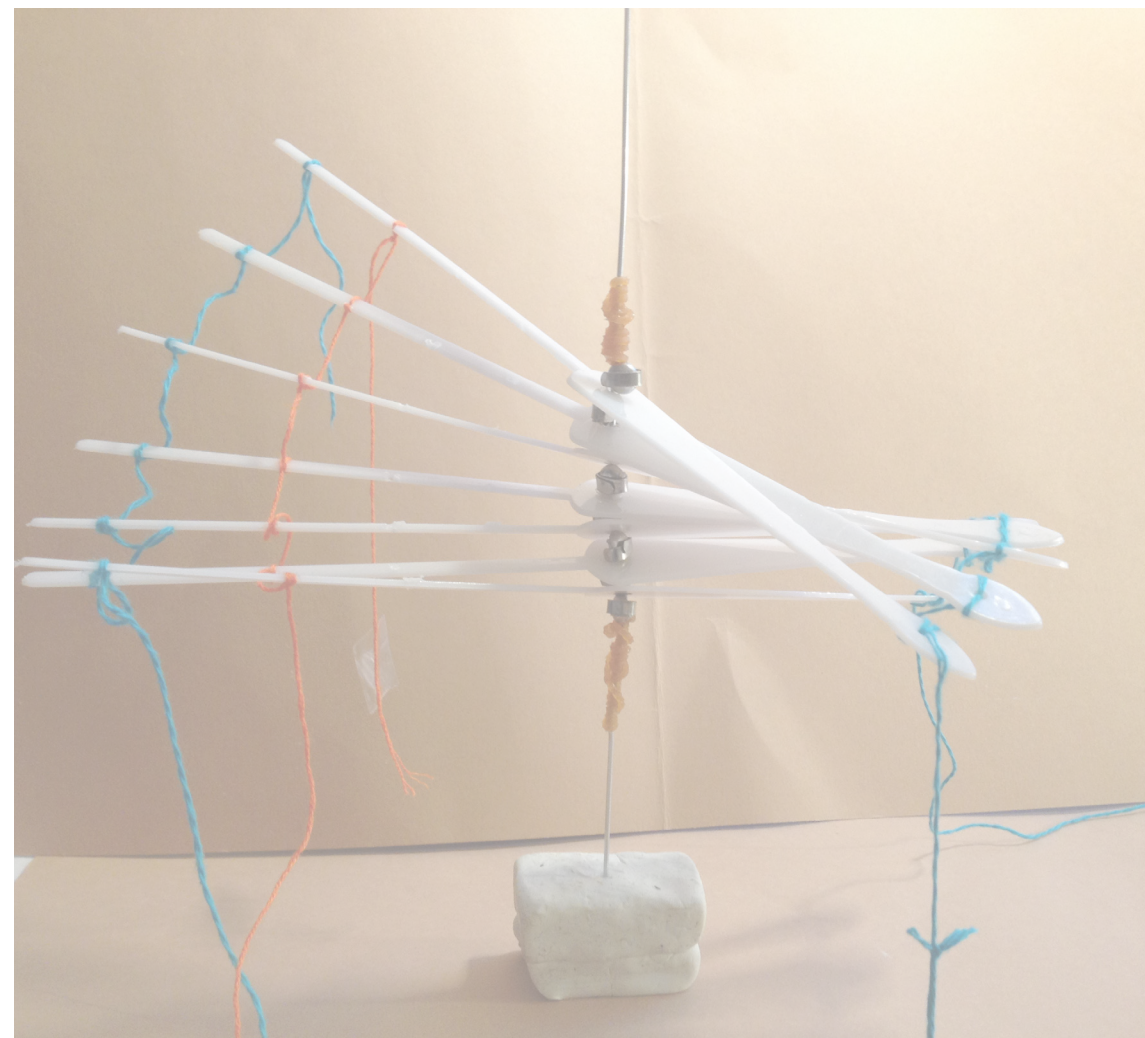


Mosque



Objective: given the sun coordinates (ϕ_s, θ_s) ,
 how do I determine $(\phi_c, \theta_c, \alpha)$

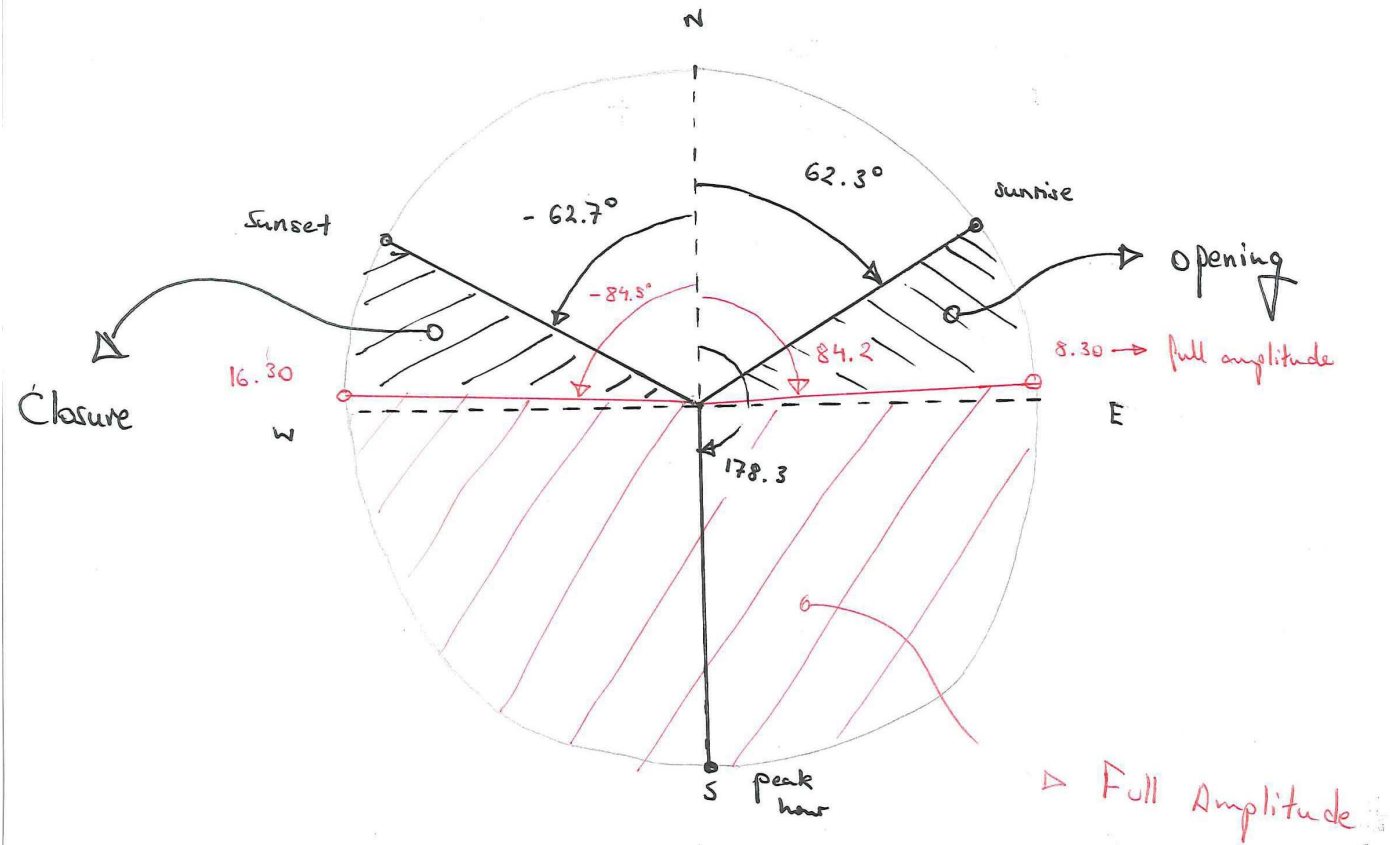
- evolve from a starting position!
 - o one for each month.
- Define 3 phases!



Objective: given the sun coordinates (ϕ_s, θ_s) ,
 how do I determine $(\phi_c, \theta_c, \alpha)$

- evolve from a starting position!
 - o one for each month.
- Define 3 phases!

3 phase possibility:
 (example: 18/06)

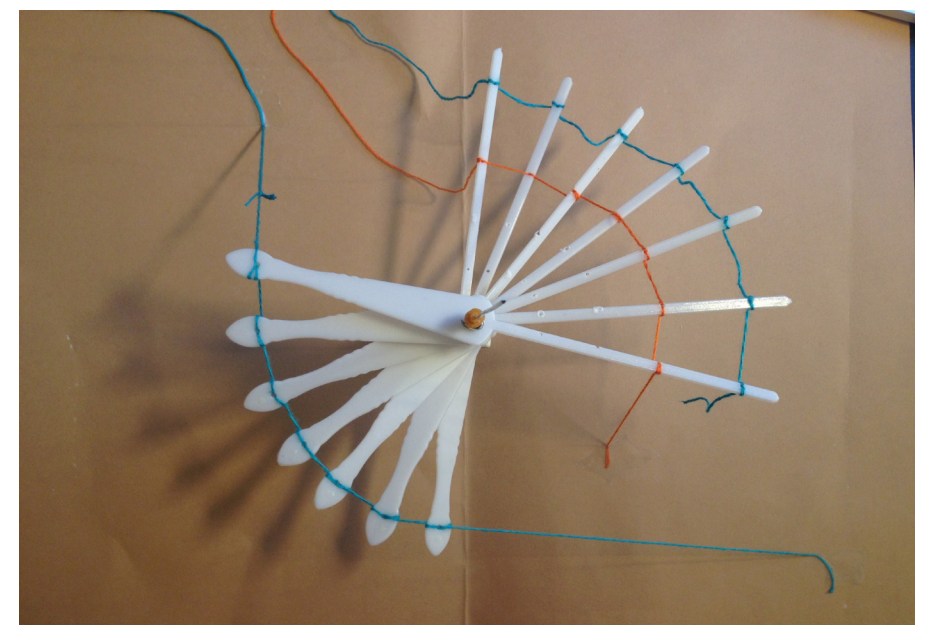
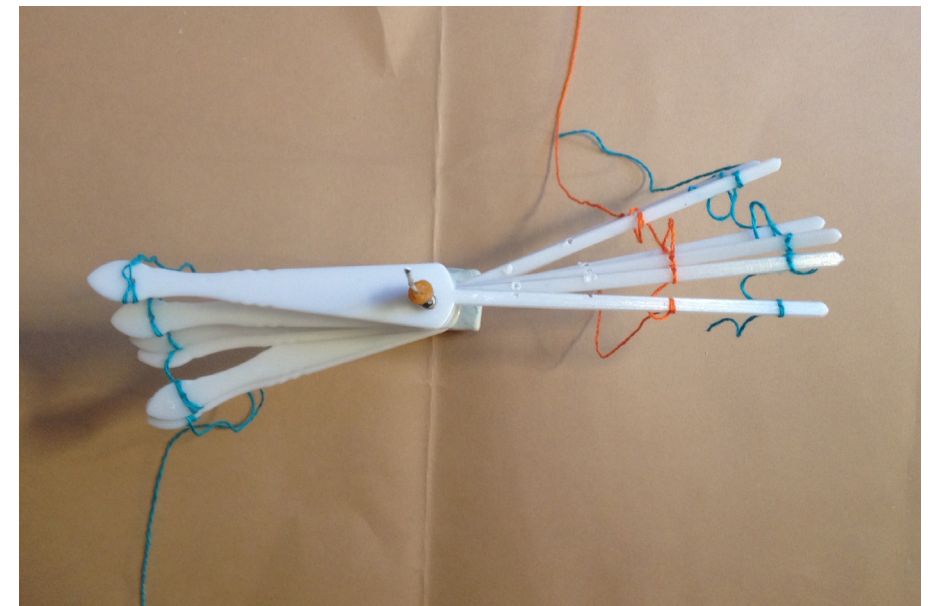
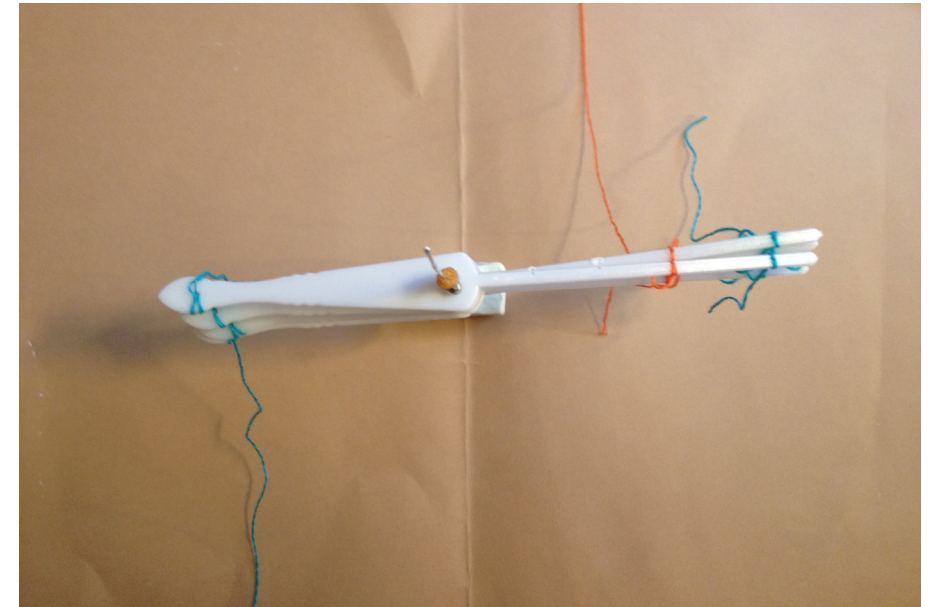


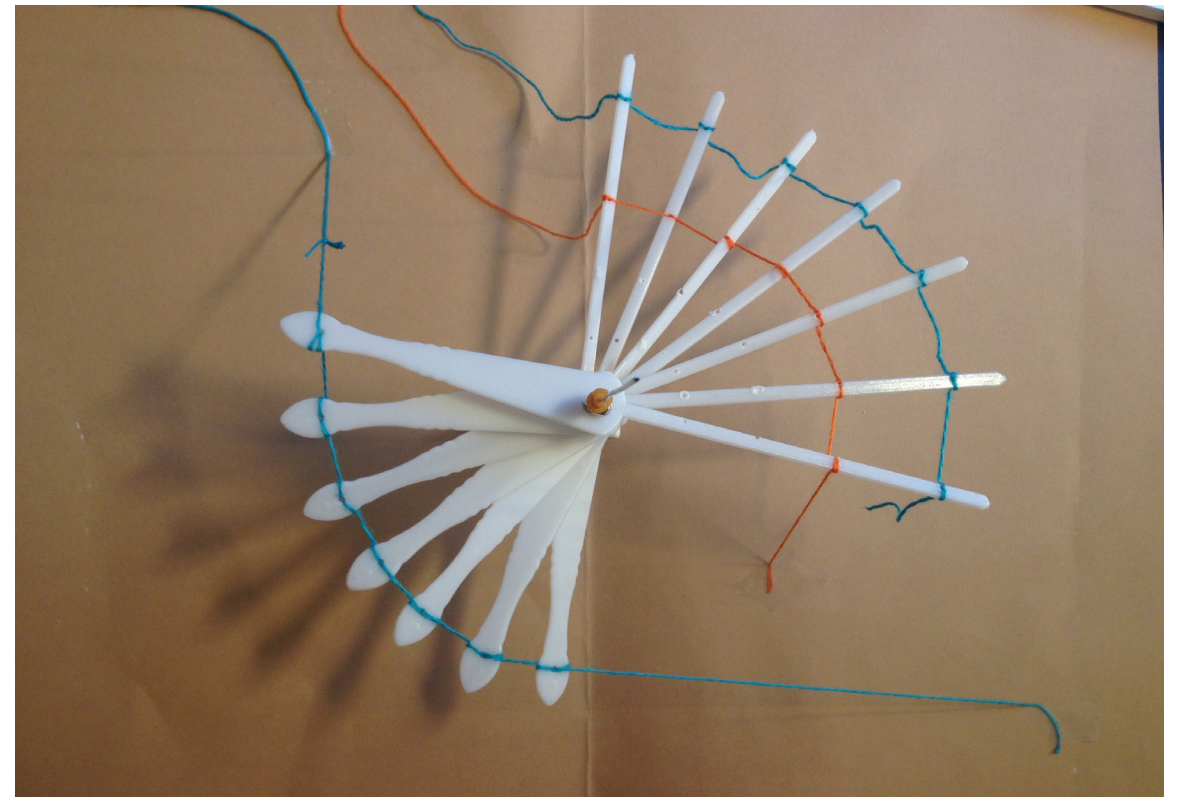
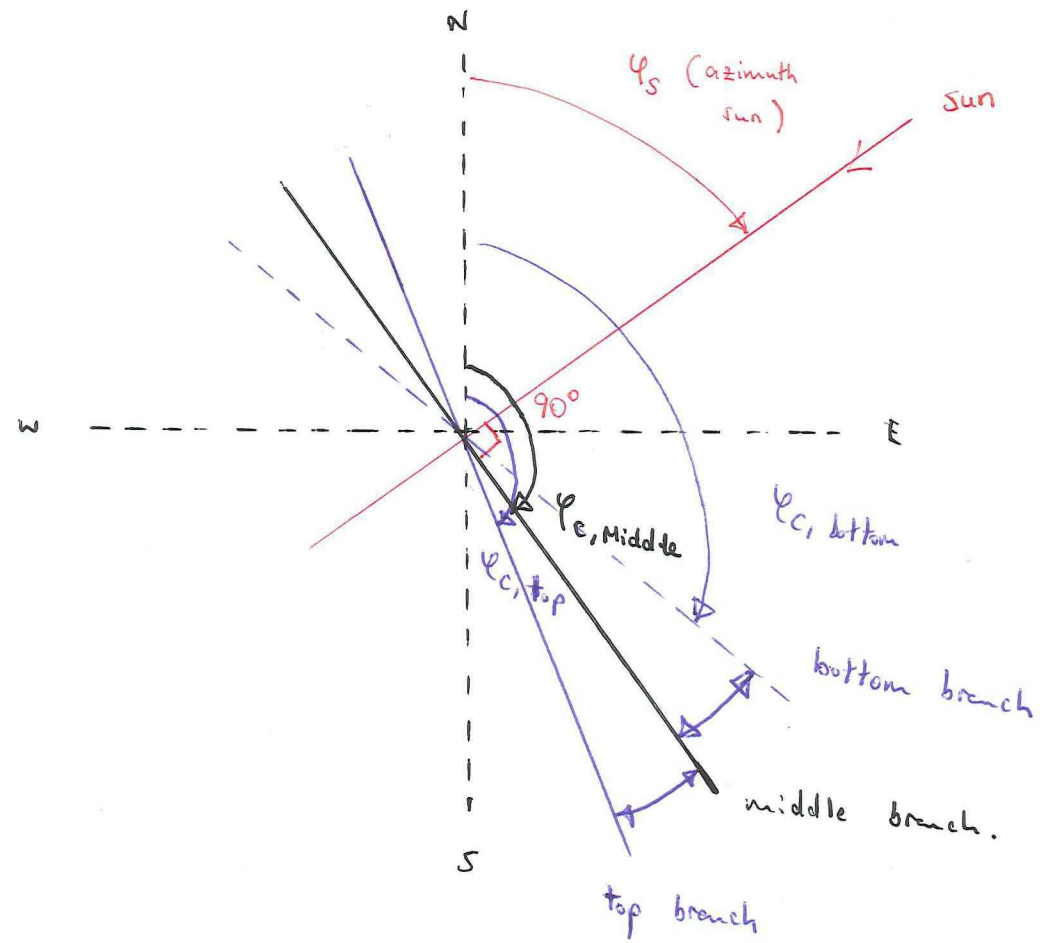
* peak hour: hour with most heat.

* full amplitude hours: when heat has reached $\sim 500 \text{ W/m}^2$

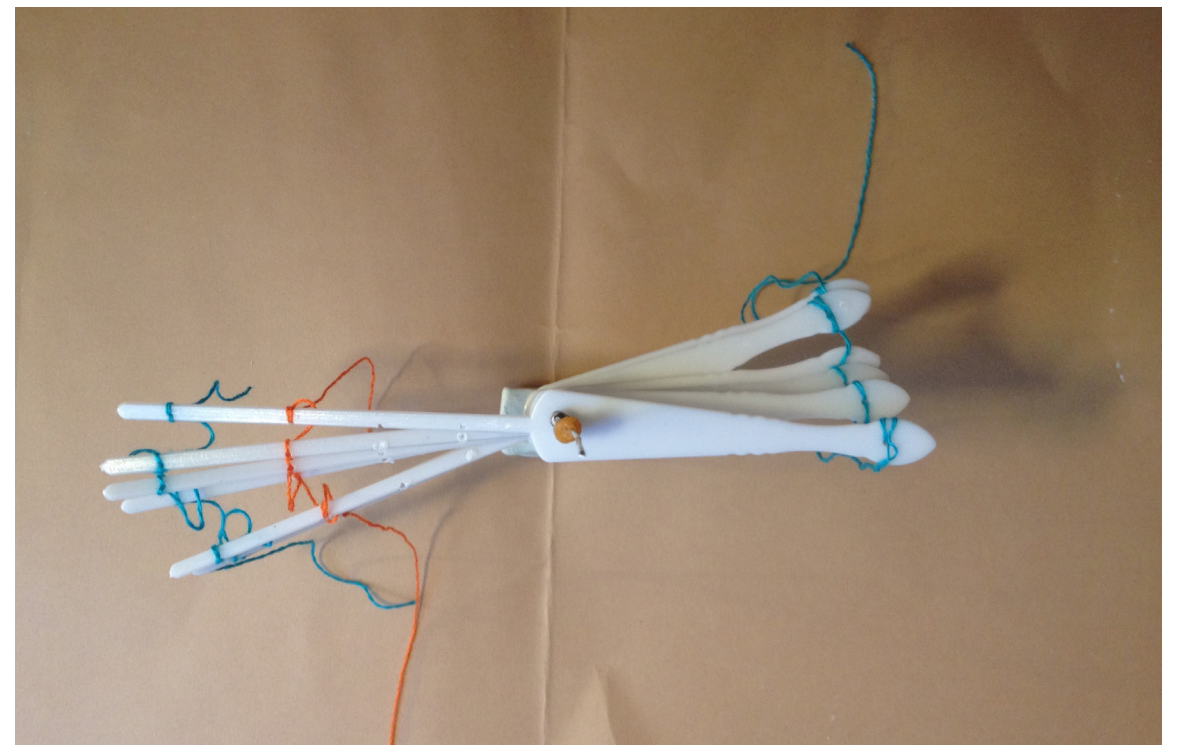
On June: between 8.30 - 16.30

Note: criteria for full amplitude can also be according to percentage of shadow.





- 1) If the hour corresponds with full amplitude hour, the middle branch will move such that it stays perpendicular to the sun while the angle between the top and middle branches stays constant.
- 2) For closing hour, while the middle branch moves according to the sun, the branches will close.



Avg. Hourly Radiation
12/16/2010 10:00 AM
(c) ECOTECT v5

