







DAMAGES caused by explosions



ABOUT PEOPLE

2 million of the country's approximately 6 million people live here 300,000 people are homeless.



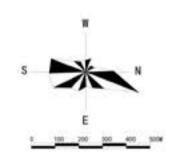
ABOUT FOOD

About 90 percent of Lebanon's wheat demand depends on imports, the vast majority of which passes through the destroyed port of Beirut. Before the explosion, 85 percent of Lebanon's grain reserves were in the port of Beirut, which destroyed wheat in the port's granaries and raised fears of a food crisis



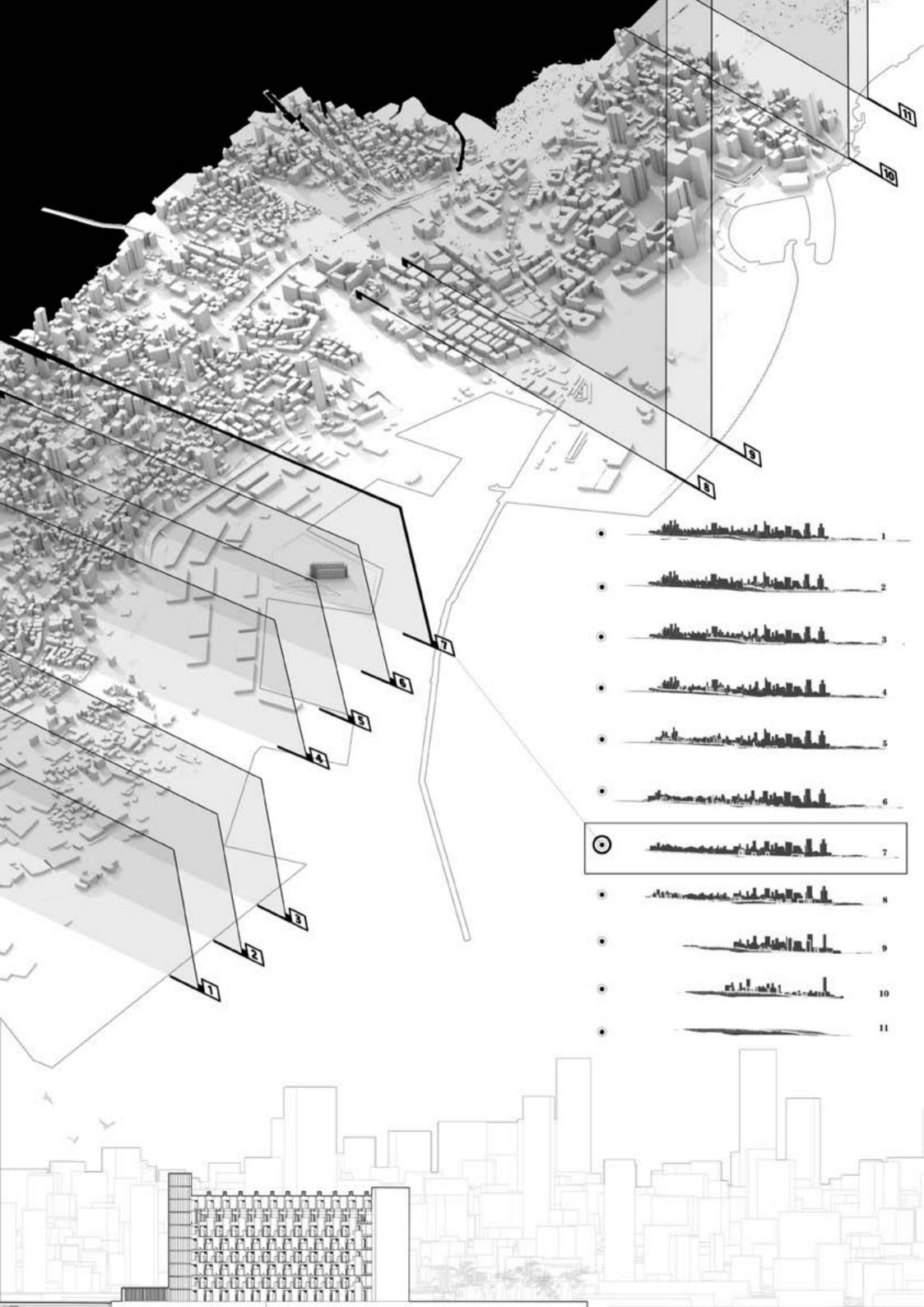
ABOUT FINANCE

The Lebanese pound has depreciated by about 70 percent since October last year, the country has been mired in a financial crisis, with unemployed more than 35 percent of the population and poor people soaring to more than 45 percent.





The Port Of Beirut Beirut port is located in the middle of the Mediterranean coast of Lebanon, which is not only the largest fine port city in the eastern coast of the Mediterranean, but also the important gateway and cargo distribution center of the Lebanese Republic. It is the commercial, transportation, financial and cultural center of the Middle East, the link between East and West, and the gateway to the Middle East. Beirut port's annual container throughput exceeds a million teUS ater left by the explosi 2020 8/4 The 1980s 18:08:18 2020/8/28 The 1960s and 1970s 2014 In order to restore the prosperity of the country, econ-omy and trade, since 1983, the L ebanese government has adjusted the rec-onstruction plan and implemented the "Greater Beirut Plan". With the help of the internati-onal community, the cleaning up of Beirut's port, which was badly damaged by a massive explosion on August +, is alm-ost complete. The ongoing civil war in Lebanon has seriously affected port operations. The port of Beirut One of the biggest non-nunclear explosions of the history with the About 2,750 tons of ammonium is famous for its free port and the largest cargo hub in the Middle East. nitrate cargo had been sitting in the warehouse for six years with force of a 3.5 magnitude earthquake happened. -out taking pre-cautions.



Here is the formula for this monumental architecture:

Blind spot

+ Wound

+ Knit Structure = Circle of life

Cause

Result

on the eve of the disaster when the disaster occurs

Solution

after the disaster

Blind spot :

One of the structures of the eye A blind spot is something that is present and can be seen, but cannot be seen because the eye is at a special Angle.(A)

The underlying cause of the Beirut port explosion was the presence of flammable and explosive materials that had been in the harbor for six years since 2014 -- a huge mental and physical blind spot.(B)

How do I incorporate it into my design?

Therefore, the evolution of the single memorial chamber module refers to the formation principle of blind spots in the eyeball.(C)

Wound:

Cutting-An act that causes pain.(D) The Beirut port explosion has brought so many sudden deaths, so many sudden disruptions to industries, so many disrupted lives, so much pain, so much fear, so many tears, so much new dust and garbage.(E)

How do I incorporate it into my design?

Terefore, the architecture uses a clean cut to cut apart the silo structure, a cut that implies injuries and wounds that are difficult to fully heal.(F)

Knit Structure:

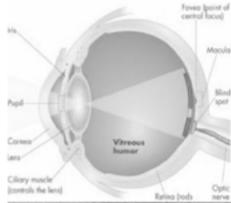
The knitting structure.(G) As much as the bombing of Beirut harbor was traumatic for Lebanon, we also saw something very precious. I remember in the news after the explosion there was a wife who was having her wedding at the time of the explosion. Her wedding was destroyed by the explosion and her wedding dress was dirty and torn. A reporter wrote: "After the tragedy, the couple had to rediscover each other and rethink the meaning of life, but they still chose to stay together."

Like them, countless shops were destroyed and people's lives plunged into darkness for a time.

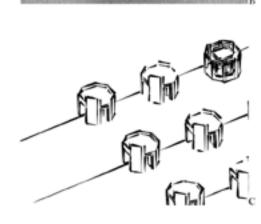
But beyond the grief, we can see the supreme virtue of the Lebanese people to heal each other, to face each other, to work together to rebuild their lives. The dress is torn and can be mended with a needle and thread. The tragedy of the bombing in Beirut harbor can also be made up.(H)

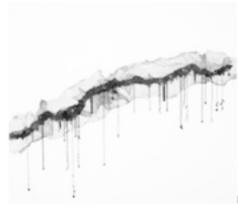
How do I incorporate it into my design?

Terefore, the architecture uses a Occlusal structure and dislocation splicing. After stitching, wind, light and plants can walk in the building like a needle and thread.(I)

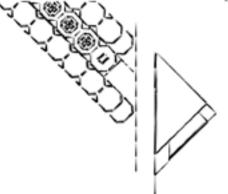


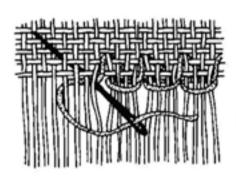








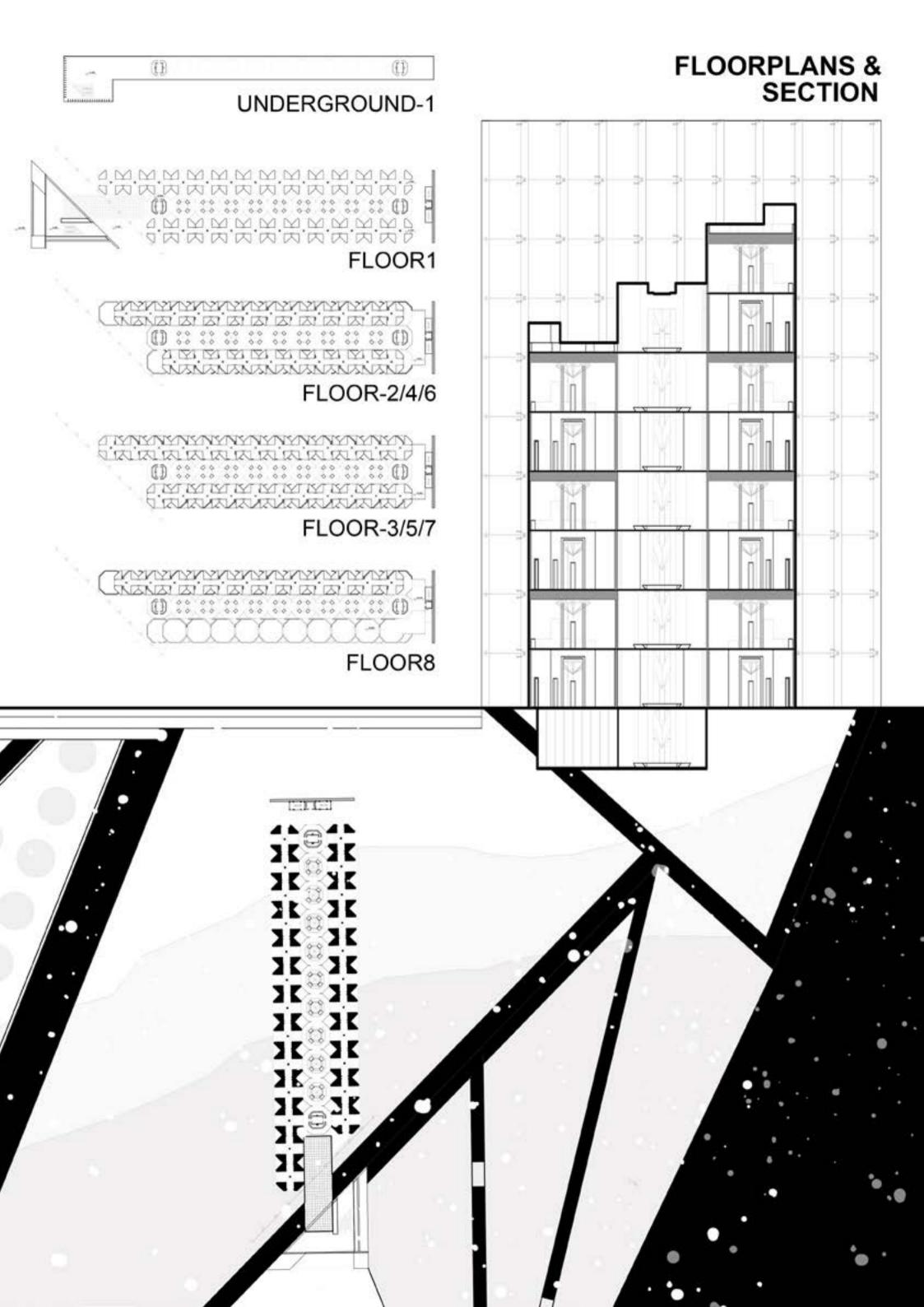












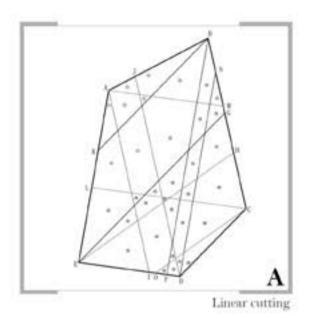
ANALYSIS

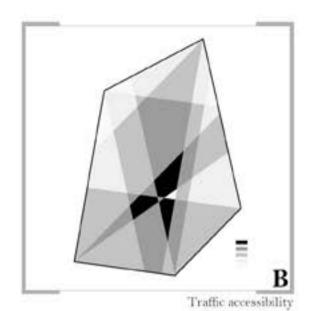
PART 1: Linear programming of plane

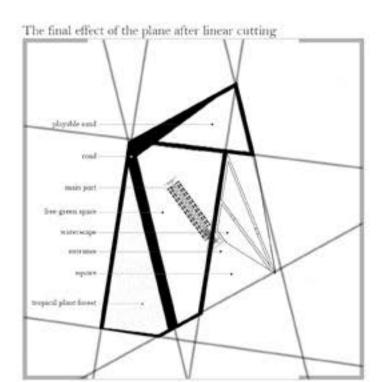
The first step is to organize the moving line.

I need to know where is the most suitable entrance to the cemetery.

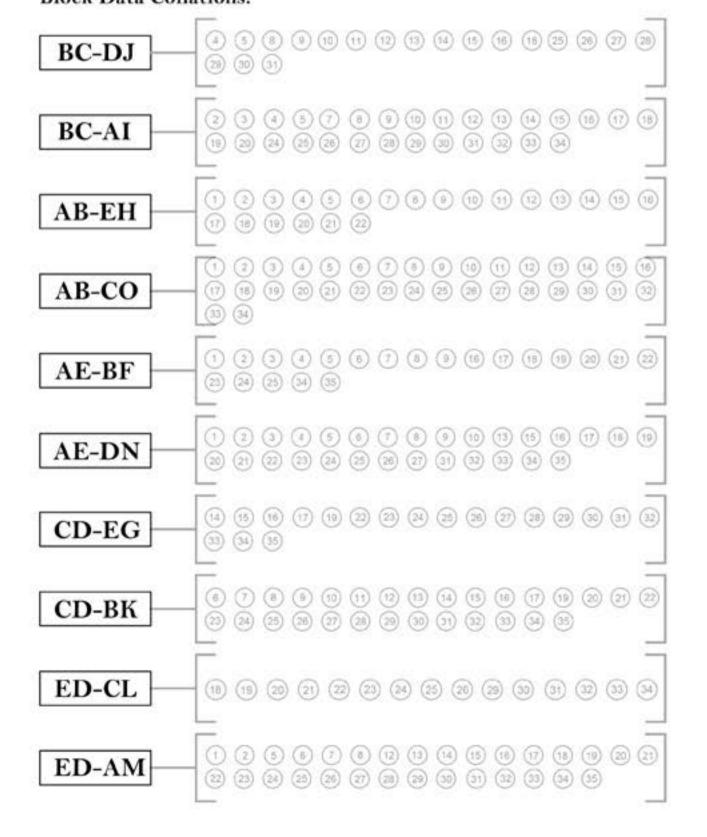
At the same time, I need to know where is the traffic dead corner, so as to develop strengths and avoid weaknesses in the design.







Block Data Collations:



What's in picture A?

First, I drew parallel lines for each of the five edges of the outer contour corresponding to the corner points, so that each edge would get two parallel lines. By doing this for all five edges, we end up with 10 new intersections and 10 sets of parallel lines.

What's in picture B?

Then, we calculate the intersection of them, and we can draw the following conclusion: if the land is an open space, and people can walk freely in the open space, the most likely area he passes through in these labeled areas is the black block in the figure, that is, the traffic in this area is the most developed. As shown in the figure, the color decreases from dark to light, representing the decrease of traffic accessibility.

Intersection Operation

(10) VI

Parameter and and control	market out for second		
1 V	(11) V	21 VII	31 VII
2 VI	12 VI	22 VIII	32 VII
3 V	13 VII	23 VII	33 VII
4 VI	14 VII	24 VIII	34 VIII
5 VII	15 VIII	25 IX	35) V
6 VI	16 IX	26 VIII	
7 VII	17 VIII	27 VII	
8 VIII	18 VIII	28 VI	
9 VII	19 IX	29 VII	

(20) VIII

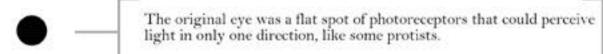
(30) VII

ANALYSIS PART2: Block generated

Plane evolution

As Darwin did in The Origin of Species:

If we list the various eyes of existing animals from simple to complex, we can deduce how complex eyes evolved step by step.



The depression of the photoreceptor cells increases the photoreceptor area, allowing the perception of light from different directions, improving the accuracy of vision, and preventing damage to the photoreceptor cells. The depression sinks deeper and deeper into an ideal hemispherical shape.

The opening of the eye begins to contract, creating a "aperture".

Around this time, the eye gets a clear jelly that keeps mud out of the socket, further protecting the eye and fixing its shape.

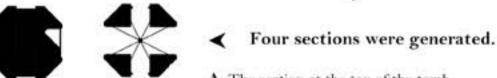
The eye's opening gradually shrinks and its "aperture" gets smaller and smaller, further improving the accuracy of vision, until it becomes a pinhole camera eye that can focus light on photoreceptors, like the eye of a nautilus.

Next, eyes opening must use transparent membrane seal to further protect the eyes, in fact this a membrane can appear at any time, and may even eyespots has a transparent membrane protection, from the start and transparent film is not so difficult to some, can come from other parts of the body (of cornea protein also has in other parts of the body).

This transparent membrane thickens and forms the lens.

To make the image more and more accurate, the lens will gradually move inward, gradually thicken, and correct for aberrations by changing the ratio of proteins that make up the lens so that it has different densities in different places, eventually creating a complex—

Eventually creating a complex eye structure. Based on the simulated eye structure, we were able to locate the blind spots at four different angles.



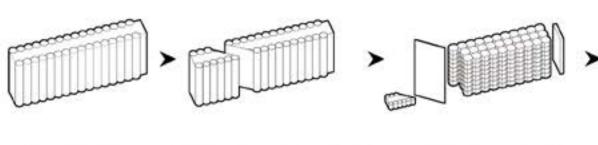
A: The section at the top of the tomb

B: The section of the ceiling

C: Section of the main part of the tomb

D: Section of connecting space

Module Cutting



Silo original form Cutting shape with moving line

Add sufaces and pull

