The Oppelaland: An Underground Refugee Theme Park in Aleppo

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THE OPELALAND
An Underground Refugee Theme Park in Aleppo

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This thesis operates on the perception of Syrian refugees as a threat and a burden to European countries by architectural means.

In emergency situations, architecture tends to act only after the conflict by providing temporary aid, such as refugee camps. This kind of emergency remedy displaces a large number of refugees to countries all over the world. Refugees may be discriminated and treated as second class citizens in the host countries. They may be restricted in small areas like prisoners rather than citizens with equal rights.

This thesis propose a hyper-real project in the form of “Refugeeland” to call attention on this problem and provoke the countries that secretly support or promote the Syrian war and reject to participate in betterment of refugees’ livelihood. I presume that refugees are going to stay and imprisoned underground of their country. Tourists are going to visit this “Refugeeland” and have chances to experience to be “one”.

Contention
The refugee crisis has been witnessed continuously throughout Europe since 2015. The blue color shows the incidents caused by terrorists who posed as refugees to enter into Europe. And the red color shows the incidents caused by refugees. From this graphic, we can see Germany, Austria, Sweden happened a lot incidents through the past two years. That’s because most refugees applying asylum in their country.

Data from http://syrianrefugees.eu/timeline/
At the same time, European countries spend a lot of money to help refugees. Some countries would like to provide financial aid rather than let refugees enter into their country. The main reason that people flee to other countries is to escape the unsafe environment. Ironically, they become the "bad situation" in those countries.

Syria is the major origin of people applying asylum in Europe. Since Syrian civil war happened in 2011, Syria became the major region of people applying asylum in Europe. UN estimates that more than five million refugees flee to Syria’s neighbor countries. However, all the major refugee camps are settled into developing countries which near Syria rather than Europe.

Data from http://www.takepart.com/article/2015/10/28/map-that-shows-how-huge-europes-refugee-crisis-really-is
Zizek in his book "Against the double blackmail" mentioned, here are two solutions for refugee crisis: one is open our door as widely as possible, another is pull up the drawbridge. But both solutions are bad, he states, they merely prolong the problem rather than tackling it. In that case, why would we spend a lot of money to let them stay and pose Security threats to us.

So, I propose to create a new underground society for Syrian refugees in their own country and force them back.
Beyond the interior conflicts, there are a lot of countries involved into this complex situation. The Russian-led countries support Syrian government and fight against Syrian rebel army and US-led countries. The war had already became a world war rather than civil war. Because of the persistence of the conflicts, to construct buildings inside of Syria, the first element that should be considered is safety.

Architectural Types

To build buildings in Syria, the first element that should be considered is to deal with the conflicts which means safety is the most important issue.
The great citadel of Aleppo

Section of the great citadel of Aleppo

Castle/Fortress
Castle or fortress are ancient, heavily protected and impenetrable building types.
Derinkuyu, Underground City in Turkey

Comparing to fortress or castle, underground tunnel is more suitable for today’s situation, since people can avoid air attack or bombing in the underground shelters. The underground city in Turkey was to protect people from wars or bad situation. It is large enough to have sheltered as many as 20,000 people together with their livestock and food stores. People move all the normal life and social activities into the subterranean city during conflict time.
“Once, a city was divided in two parts
One part became the Good half, the other part the Bad half.
The Wall was a masterpiece.”

-- Koolhaas.

In this project, Koolhaas and his collaborators proposed a walled city within London as a way to create a new urban culture, one which would lead inhabitants to leave the rest of the city to fall to ruins. It is a metaphor for existing social and architectural conditions in which, in pursuit of happiness and wealth in a capitalist society, white people go so far to imprison themselves to protect themselves from Bad side, like blacks, latinos and the poor.

Considering about the character of dynamic of ongoing war, the project should talk about impermanence, smaller size, fragments rather than permanent and metropolis. Like English architect Cedric Price emphasized the necessity of architecture as a question of time and not just a question of space.
Lebanon shared the similar context with Syria. It is a country that has an ancient and tolerant land of history and culture, a complex web of religions, languages and sensibilities, and have been enduring several years Civil War.

However, as the cliché says, “the phoenix rose from its ashes and the city restored its bullet-scarred façades, blasting skeletons of the city and replacing them with hotels, restaurants, bars, cabarets, luxury boutiques, valet parking, all eager to restore Beirut’s place as a choice tourist destination.”

Once again, Beirut was the Paris of the East! The city of all sins!

The idea of reconstructing and promoting the city can be studied as an example for revitalizing Syria. Several projects designed by Solidere and scattered around the city Beirut. Borrowing good memories, culture and people favorite activities from the past to design projects is a good way to revitalized the city.
B018, Bernard Khoury, Beirut, Lebanon

B018 is a music club designed by Bernard Khoury in Beirut port. It is a place of nocturnal survival. B018 refuses to participate to the naive amnesia that governs the post-war reconstruction efforts. This project addressed entertainment into an underground site. This underground club avoid the character of monument after the conflicts. And provide colorful life to local people to escape from the current situation.
Subterranean space as we know it has unfolded in a fairly benign manner: buildings were seen as a series of grafted limbs to an infrastructural sub-surface level, which holds networks of tunnels, sewers, pipes, and wires.

The layer of infrastructures can be recreated as new infrastructure layer for supporting living necessities to downtown and a layer which attach to the surface that can be enjoyed natural light and ventilation.
Programs

In regular refugee camps, because the amount of refugees is huge, the resources of host countries are rapidly consuming. Refugee camps cannot satisfy people with food, employment, school, and entertainment.
https://www.newsdeeply.com/syria/articles/2016/05/19/against-the-odds-stories-of-survival-and-ingenuity

https://en.wikipedia.org/wiki/Zaatari_refugee_camp

http://www.ibtimes.co.uk/fleeing-isis-lens-thousands-syrian-kurds-cross-border-into-turkey-1466641

https://chronicle.fanack.com/specials/refugees/refugees-war-syria/
Actually, war is a chance for both outsiders and refugees.
To stay in the room and enjoy the air attack happening around;
   To sunbathe besides a “natural” pool;
And to enjoy the automatic vibration and roaring which brings by bombing in the club.
   If this is life, then enjoy it.
Proposal

This project takes advantage of the war to create a theme park for tourists who are interested in refugee life and war tourism, at the same time, it creates a new society for Syrian refugees who must flee domestic and multinational forces fighting over their land. I called it Oppelaland. Traditionally, city planning is in horizontal plane. However, the Oppelaland will be re-organized in vertical direction. In this new land, tourists and refugees travel through different transportations, but they share air, space, water and food.
Site

Aleppo, the most populous city in Syria, acts as a testing site for this project. The old town in Aleppo includes a lot of famous heritage sites which are spiritual places for Syrians and populous tourists attractions for tourists. In my proposal, because those sites were damaged by the war, it is convenient for us to convert them to the entrances of underground world. At the same time, the existing infrastructures can be recreated for underground use.
Landmarks of Aleppo

f. Souq of Aleppo

g. Madrasa al-Halawiyya of the 5th century.

h. The Great Mosque of Aleppo

j. Aleppo Public Park

a. The Clock Tower

b. Citadel of Aleppo

c. Hammam Yalbugha

d. Al-Sultaniyeh Mosque

e. Al-Shibani Church
Oppealnd

All the heritage sites will be possible entrances of Oppelaland. Refugees will enter Oppelaland through the heritage sites they are familiar with. Tourists will enter the underground world from neighboring refugee camps and travel to Oppelaland by underground cable car.
Landmarks of Aleppo

b. Citadel of Aleppo
c. Hammam Yalbugha
f. Souq of Aleppo
h. The Great Mosque of Aleppo

- Entrances of Oppelaland
- Underground Travel Routes
Oppelaland

The Oppelaland consists of three layers: Uptown, Mid-town and Downtown, literally and allegorically.

Uptown is also called Adventureland, is the existing heritage sites of Aleppo that have become a space of nostalgia, history, and now "Open sesame" to the subterranean world.

Downtown includes Libertyland, Fantasyland and Frontierland. Liberty land is where the refugee camps, tourists camping area are located. They live in the same space but different layers. It is a great chance for tourists to enjoy their “refugee life”. Frontierland includes a hospital and a waste area which can be reached by tourists, volunteers and refugees through separate pathways. Fantasyland is the entertainment area for tourists have fun. It is covered by an artificial membrane sky, and includes a lake, a forest bath, a picnic “tree”, an auditorium, and a mountain gallery.

Mid-town is a layer that connect Downtown and Uptown, it includes underground pipework and a Demilitarized Zone(DMZ) which is called Oppela Avenue since it is the entryway of tourists. It is a new area where allows different groups meet. In this case, this area becomes a new boundary. In DMZ, it is supposed to be the safest area inside of Oppelaland. However, since it is the nearest area to the Uptown, it is more dangerous than Downtown. This ambivalent zone give all sides a chance to “meet” with each other.
ADVENTURELAND

UPTOWN

OPPELA AVENUE

DIMILITARIZED ZONE

TOURISTS TRANSPORTATION

LIBERTYLAND

CAMPING AREA

FANTASYLAND

AMUSEMENT AREA

FRONTIERLAND

WASTE AREA

HOSPITAL

PIPEWORK

AIR SUPPLY

AIR RETURN

WATER SYSTEM

SEWER SYSTEM

ELECTRICITY

MANHOLE
OPPELA AVENUE
DEMILITARIZED ZONE
SECRET ROOM
GROUNDWATER TABLE
TOURISTS TRANSPORTATION
DOUBLE REINFORCED CONCRETE SHELL
CENTRAL CORE
FRONTIERLAND
WASTE SPACE
LIBERTYLAND
CAMPING AREA FOR TOURISTS
TOURISTS ESCAPE
SCHOOL
ARTIFICIAL SKY (MEMBRANE)
ARTIFICIAL LIGHTING
FANTASYLAND
MOUNTAIN GALLERY
FANTASYLAND
LAKE (WATER RESOURCES)
FANTASYLAND
FOREST (BATH HOUSE)
FANTASYLAND
MOUNTAIN (GALLERY)
Camouflage is important and necessary for viewpoint of tourists so that their safety is assured in conflict area. The viewpoint used fragmentary mirror to camouflage. It reflects surrounding debris, so that armed forces can hardly find it from long distance.

In DMZ, there are several "secret" rooms sponsored by different organizations or countries. Some are negotiation rooms for Syrian army, some are warehouses for Syrians, some are food delivery center for UN provide stuff for Syrian people. They come from different sides through private tunnels. Even though they think it is secret, but tourists can hear their activities and their dialogues by trumpet which secretly connect to the rooms when they travel through, so this is a sort of live show and is the signal for tourists that they have entered the Opellaland.

Tourists and refugees in Libertyland share same living area but in different layers. They can see each other but cannot touch each other. The layer for tourists is depend on the tourists transportation. Refugee camps are arranged in vertical direction: the sleeping area, water storage, restrooms are separated in different layers.
CAMOUFLAGE VIEW POINTS

DEMILITARIZED ZONE

LIVING AREA
Plan

The plan of Libertyland mastered by several transportation cores, and each core connected by bridges with each other. The camping area is rectangular form which allows refugee camps settled into each layer.
Plan

The plan of Fantasyland is controlled by triangular geometry.
One day in Oppelaland

Please preview one day in Oppelaland. Welcome to join us in this fantastic Xanadu!
At 8:00, refugees wake up, go to Oppela Avenue, and collect food for the day. Across town, tourists mount their cable cars, and are shuttled past barricades filled with debris, bones and tombs, a sure sign they have arrived at Oppelaland.
From 8 to 12, refugees need to check “neural networks” of Opellaland as usual. Children go to School to have classes by volunteers.
At 12. Tourists are offered a chance to meet refugees in the picnic “tree”. They sit together...
At 12:00, tourists are offered a chance to meet refugees in the picnic "tree". They sit together under the concrete "branches", sharing food and having conversation in different languages.
13 to 18. Is the most exciting time for tourists. They can visit sick people in Frontierland or go to Fantasyland to sunbathe in the forest bath-house.
Refugees at this time, usually do chores for the day. They go to Fantasyland to collect water, go to Frontierland to throw household waste or go to hospital to take medicine care and visit their family.
At 18, Refugees perform a well-prepared show for tourists. They celebrate the day together. And the whole Fantasyland turns into a nightclub for tourists only. They drink, they relax, and they have fun.
At 18. Refugees perform a well-prepared show for tourists. They celebrate the day together. And the whole Fantasyland turns into a nightclub for tourists only. They drink, they relax, and they have fun.
At 24. Tourists go back to their camping areas with memories of an unforgettable day.
At 24:00, Refugees go back to their living areas. It is just another ordinary day.
Bibliography


Cai, Rongfeng. “Syrian civil war four years anniversary.” Last modified on 17 April 2015. 
http://whogovernstw.org/2015/04/17/junfengtsai4/


Poushter, Jacob. “European opinions of the refugee crisis in 5 charts” Last modified on 16 September, 2016. 


