PARLIAMENT OF THE UNITED TRANSBORDER FEDERATION

P5 PRESENTATION
3RD OF JULY 2015, DELFT
SEBASTIAAN BUITENHUIS
to be updated
INTRO TO THE STUDIO
RESEARCH
SITE ANALYSIS
PROCESS
DESIGN
“...The US-Mexican border, like most borders, was established by violence – and its architecture is the architecture of violence.”

Noam Chomsky
2005.
BORDERS AROUND THE WORLD

- KOREA DMZ: 250 KM
- USA - MEXICO BORDER: 3110 KM
- EU - RUSSIA BORDER: 6400 KM
- GREAT WALL OF CHINA: 8850 KM
- USA - CANADA BORDER: 8891 KM
FIRST BORDER BETWEEN MEXICO AND THE STATES

1521-1845
DEFINITION OF BORDER ECOREGIONS
THE TEAMS

TEAM 1
Ana Lisonok landscape
Elena Balzarini social
Luca de Stefano typology

TEAM 2
Arjan van Toorenbreg landscape
Xijie Ma social
Futura Falco typology

TEAM 3
Jordy Vos landscape
Marco Moretto social
Sylvia Dorn typology

TEAM 4
Rei Sawaki landscape
Sebastiaan Buitenhuis social
Nicki van Loon typology

TEAM 5
Niek van der Zwaag landscape
Thomas Pons social
Niels Mulder typology

California Coast
Sonoran Desert
Mandrean Archipelago & Sierra Madre
Chihuahuan Desert
Texas Plains & Western Gulf Coastal

0 100 200 km
Accelerated through the fear from the attacks of 9/11 and all that followed, the so-called “Western Society” is constructing the greatest wall ever built on this planet. On different building sites on all five inhabitable continents, walls, fences, and high-tech border surveillance are under construction in order to secure the citizens and their high quality of life within this system.

The fall of the Berlin Wall was described as the historical moment that marks the demolition of the world’s last barrier between nation states. Yet it took the European Union only six years to create with the Schengen Agreement in 1995 a new division only 80 km offset to the east of Berlin. Together with the wall in Israel, the US-Mexico border, the Australian Coast Defence and the DMZ in Korea, it makes part of a worldwide system that contains an exclusive society (14% of the world’s population) with an average income of €2,500/month versus the ones in front of the wall with an average income of only €150/month.

The United States–Mexico barrier consists of several separation barriers designed to prevent illegal immigration into the United States. The 3,140 km border between the United States and Mexico traverses a variety of terrains, including urban areas and deserts. The barrier is located mainly in the urban sections of the border which include San Diego, California, and El Paso, Texas.

Between 1998 and 2004, 1,954 persons are officially reported to have died along the US-Mexico border. On May 17, 2006, the U.S. Senate approved a possible extension, what could be 600 km of triple layered fencing and a vehicle fence.

Greenland and the Faroe Islands are integrated in the Schengen Zone with the exception of the Free Movement of Persons aquis.

The Demilitarized Zone (or DMZ) in Korea is a strip of land running across the Korean Peninsula that serves as a buffer zone between North and South Korea. The DMZ was created in the ceasefire of July 27th, 1953 and cuts the Korean Peninsula roughly in half. It is 248 km long and approximately 4 km wide.

The West Bank barrier is a physical barrier being constructed by Israel consisting of a network of fences with vehicle-barrier trenches surrounded by an on average 60 meters wide exclusion area and up to 8 meters high concrete walls. As of January 2006, the length of the barrier as approved by the Israeli government is 670 kilometers. Approximately 36% has been constructed, 25% is under construction, 20% has been approved but construction has not yet begun, and the remaining 19% awaits final approval.

The Australian Defence Force (ADF) conducts surveillance and response operations in Australia’s northern approaches. Since September 2001, it has doubled the number of days Customs vessels are at sea and increased flying hours for surveillance aircraft by 20 percent. Under a proposed legislation from June 2006, all new boat arrivals would be transferred offshore to have their asylum claims processed.

The Ceuta border fence is a separation barrier between Morocco and the Autonomous City of Ceuta, in Spain. Construction of the €30-million razor wire barrier was financed by the European Union. It consists of parallel 3-metre fences topped with barbed wire.

The Melilla border fence is a separation barrier between Morocco and the Spanish city of Melilla. The razor wire barrier cost Spain €33 million to construct. It consists of 11 km of parallel 3 m high fences topped with barbed wire. Its height is currently being doubled to 6 m.
The Functioning Core
Multi-national outsourcing in search of cheap labor markets of the non-integrating gap.

Unprecedented migration across global borders in search of strong economies in the functioning core.

The Non-Integrating Gap
THE BORDER ATTRACTION
and divides
us border patrol illegal apprehensions

2013

2014

Tucson
El Paso
Del Rio
Rio Grande Valley

Replace graphics?
trip:
people we met
Teddy
Roland (border alliance)
crossing the border
to be updated

MYRIAD OF INACCESSIBLE ORGANIZATIONS
significant cities & regions
leads to a border region
UNITED TRANSBORDER FEDERATION
Govt. focus areas

TZAR’S CABINET

AGRICULTURE
RESOURCES
ECONOMICS
CULTURE
INFRASTRUCTURE
EDUCATION
HEALTH

GOVERNMENT FOCUS AREA'S
ENERGY & WATER MANAGEMENT

Los Angeles
Tijuana
San Diego
Calexico
Mexicali
Juma
Phoenix
Tucson
Nogales
Nogales
El Paso
Juarez
Del Rio
Acuna
McAllen
Reynosa

Population: 6.5 million
Population: 1.25 million
Population: 1.21 million
Population: 4.3 million
Population: 2.7 million
Population: 0.27 million
Population: 1.5 million

Extended Wind Park
New Nuclear Power Zone
New Large Scale Solar Plants
HVDC transmission line
Fossil Energy
Nuclear Energy
Solar Energy
Wind Energy
Hydro Energy

SHARED RESOURCES
FOOD STABLE

Required Total Area: 6,728,922ha
Total Agriculture Area: 6,851,000ha
to be updated

POLICITAL ARENA
new regional capitol
EL PASO/JUAREZ
NEW REGIONAL CAPITOL
G Earth picture of city
PoPulation Growth to be updated

in 20 years
+1.000.000

Paso del Norte

Juarez

El Paso
THE NEW REPRESENTATIVE GOVERNMENT OF THE BORDER NEEDS TO REPLACE THE CURRENT ORGANIZATIONS, AS TO CENTRALISE AND OPEN UP THE POLITICAL SYSTEMS THAT OVERSEE THE BORDER.
A NEW PARLIAMENT TYPOLOGY WHICH OPENS UP AND ALLOWS FOR THE PEOPLE TO DISCUSS AND QUESTION THE FUTURE OF THEIR REGION. PLACING CENTRAL THE PUBLIC AND THE DISCUSSION AS THE FOUNDATION OF THE NEW SYSTEM.
HISTORY OF THE CHAMIZAL
to be updated

Treaty of Guadelupe Hidalgo
First surveys encounter shifting river

1848 1852
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Year</th>
<th>Event</th>
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<td>1852</td>
<td>First surveys encounter shifting river</td>
<td>1899</td>
<td>Creation of Cordova Island</td>
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<td>Treaty on border Banco’s</td>
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<td>Chamizal convention</td>
<td>1963</td>
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**to be updated**
to be updated
Figure 5—Plat Showing the Chamizal Settlement

Lands to be exchanged under the Convention of 1963

Channel of the Rio Grande River as relocated under the Convention of 1963
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<td>Chamizal convention</td>
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<tr>
<td>1963</td>
<td>Completion of Chamizal reconstruction</td>
</tr>
<tr>
<td>1967</td>
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*To be updated*
to be updated

THE BORDER
MORPHOLOGY OF THE BORDER
Bridge of the America’s Port of Entry

Juarez community stadium

Juarez Water Park

Autonomous University of Ciudad Juarez

PROXIMITY OF FUNCTIONS

to be updated
ALL SIDED ACCESSIBILITY

to be updated
ARCHITECTURE INFORMING THE POWER STRUGGLE

THE RIGID SYSTEM

to be updated

THE FLUID SOCIETY

vs.
Total 34413 m²

- Archives and mailing services tot. 560 m²
- Security department tot. 222 m²
- Media working spaces tot. 972 m²
- Political Party chambers and individual working spaces for members of parliament tot. 7060 m²
- Presidium for chairmen and vice chairmen of the chamber. total 702 m²
- Parliament Chamber total 1630 m²
- Supporting offices total 1147 m²
- Hearing rooms total 2550 m²
- Parking facilities (20% of total) 5736 m²
- Restaurant tot. 1212 m²

Total 28677 m²
Total 34413 m²

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Parliament Chamber total 1630 m²
Supporting offices total 1147 m²
Hearing rooms total 2550 m²

Parking facilities (20% of total) 5736 m²
Restaurant tot. 1212 m²

Total 28677 m²

Archives tot. 1000 m²
Exposition tot. 1000 m²
Restaurant tot. 1212 m²

Total 30677 m²

Knowledge is Power = Updated Program Bar
3d program diagram
SITE ANALYSIS
(STILL) AN ISLAND
STRATIFIED ENVIRONMENT
INFRASTRUCTURAL BARRIERS
political system
PROCESS
PLOT DIMENSIONS

60m x 60m
BASIC VOLUMETRIC OUTCOME OF THE PROGRAM
allowing daylight entry at the heart of the building
PUBLIC CAN VIEW OUTWARD AND INWARD
OUTER RIM OF OFFICES ALLOWING DAYLIGHT ENTRY AND CENTRAL OBSERVATION
CENTRAL ATRIUM FROM WHICH THE PUBLIC CAN VIEW THE POLITICAL MACHINE
NEW PUBLIC ROUTING ALLOWING OBSERVATION, EDUCATION AND DISCUSSION
NEW GRADIENT OF WHAT IS PUBLIC AND PRIVATE FOR THE POLITICANS
turning the building inside out, congregations and demonstrations at the heart of the building
DESIGN
TWO CORNER CORES
CANTILEVER DIAGRID
SECONDARY CONSTRUCTION
STRUCTURAL SYSTEM OF THE CANTILEVER
to be updated
CONSTRUCTION AND FACADE SYSTEM
INDIRECT LIGHTING
to be updated

BALANCING MASS
to be updated
Contrasting Composite Panels to be updated

Public Corruption

Limestone Mass
to be updated
WALKTHROUGH
Cleaning staff locker room
Security staff locker room
Strong room / weapons
Delivery
Parking
Long term storage
Cleaning staff storage
Security staff quarters
Mechanical room
Security waiting room
Security booth
Short storage
Cloakroom
Reception

1.1 Bar

VESTIDOR MUJERES
SREKCOL
VESTIDOR HOMBRES
SREKCOL
VESTIDOR MUJERES
SREKCOL
VESTIDOR HOMBRES
SREKCOL

WALKTHROUGH - LEVEL -1
WALKTHROUGH - LEVEL 7