

THE MIRROR WORLDS OF PORT AIRES



MELANIE KOTZ
WS 2013
DIE ANGEWANDTE
STUDIO HANI RASHID
DEEP FUTURES

 WOLKE 1

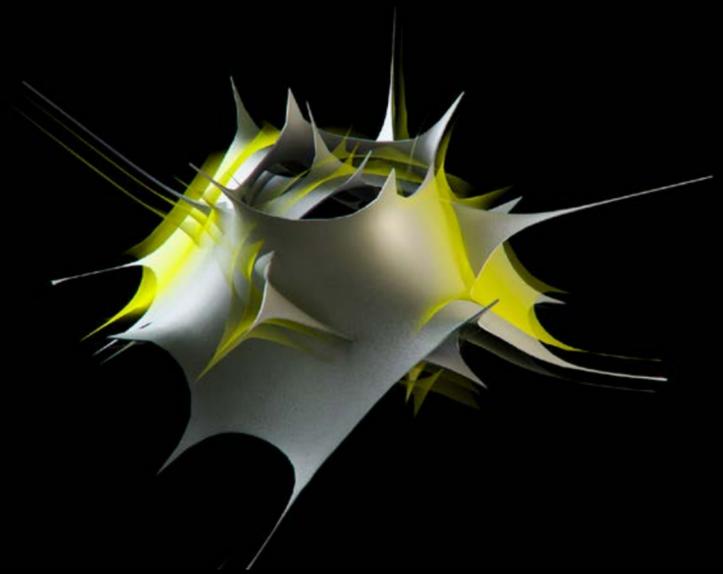
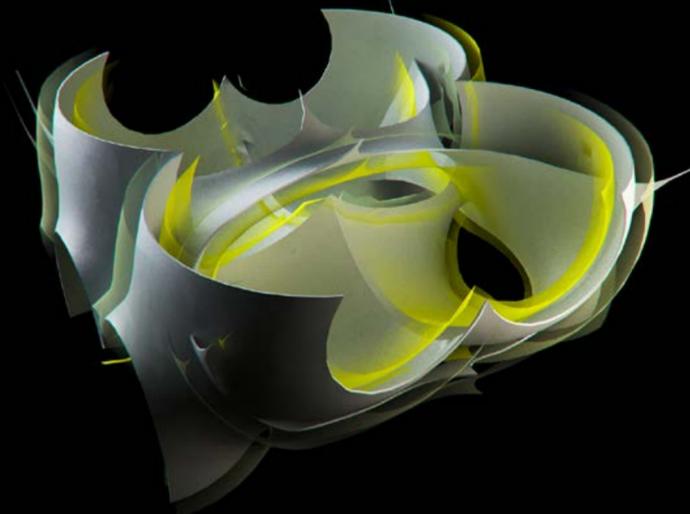
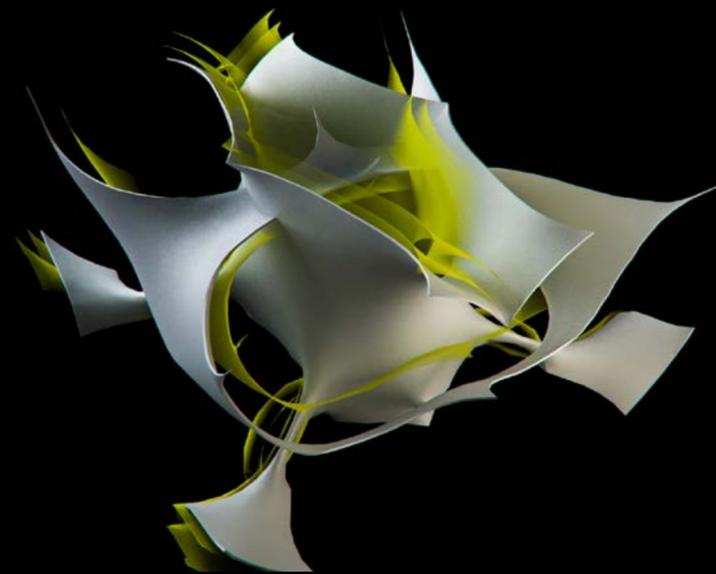
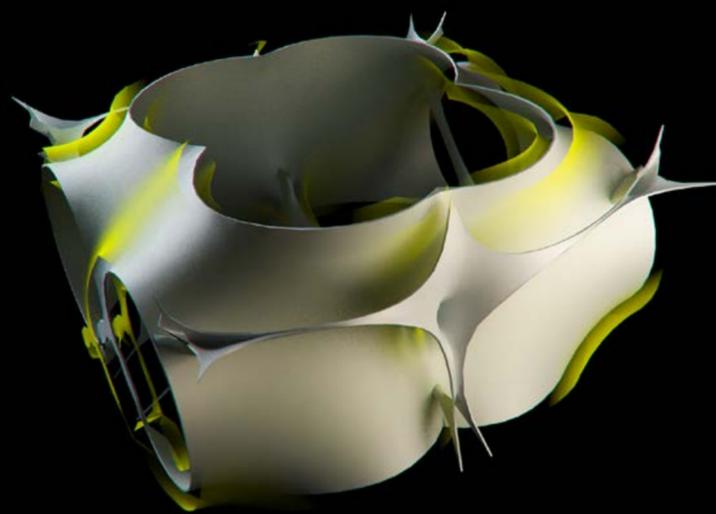
INTERNET & MATTERNET

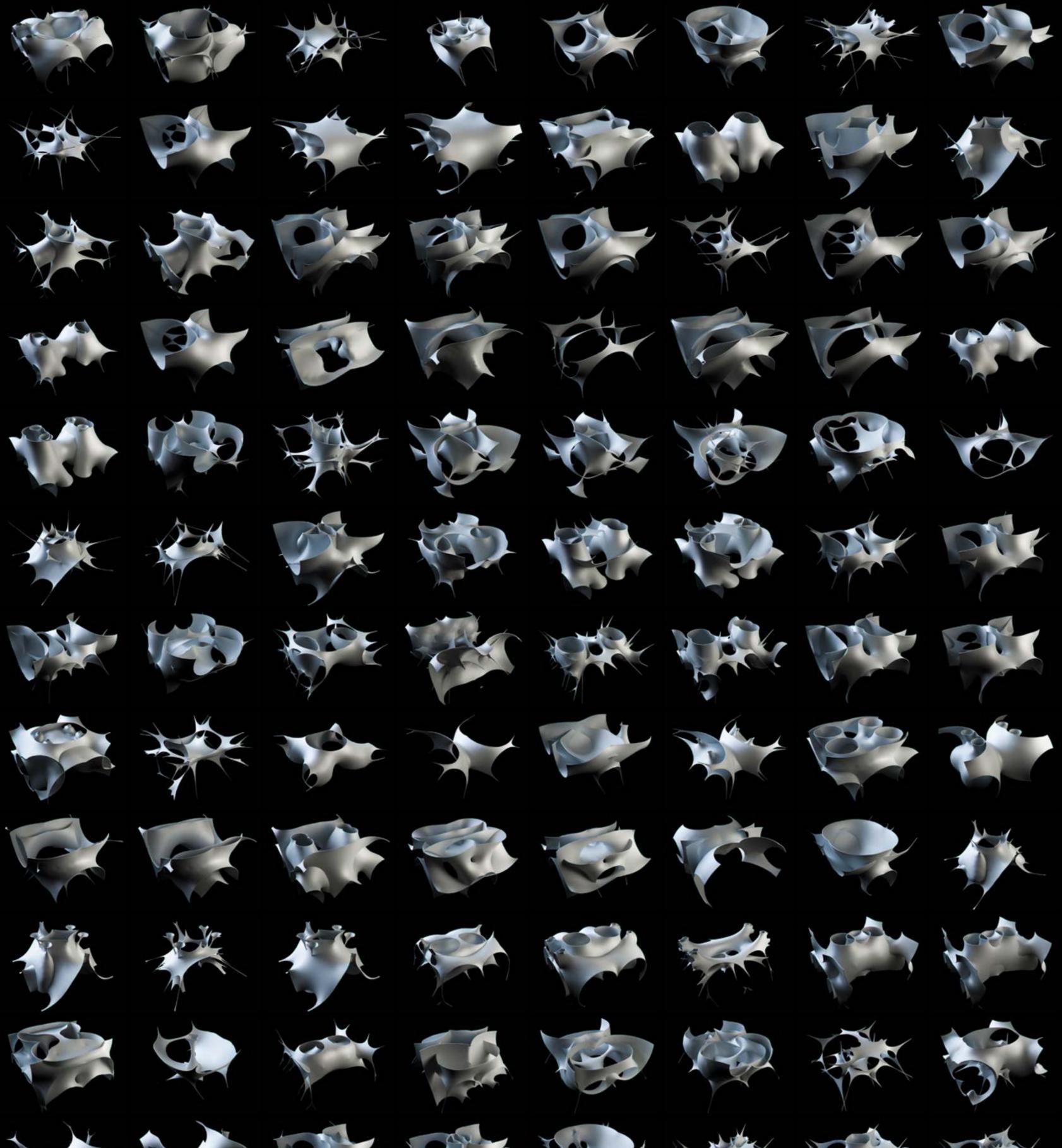
INFORMATION
TRANSPORT

TRANSPORT OF
MATTER

INTERNET

MATERNET

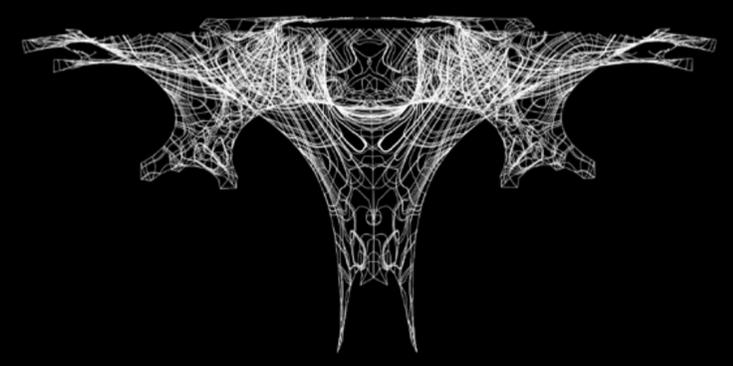
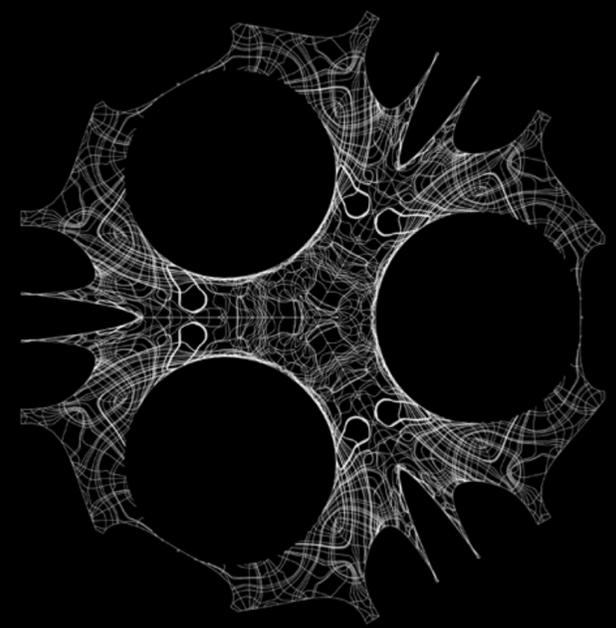
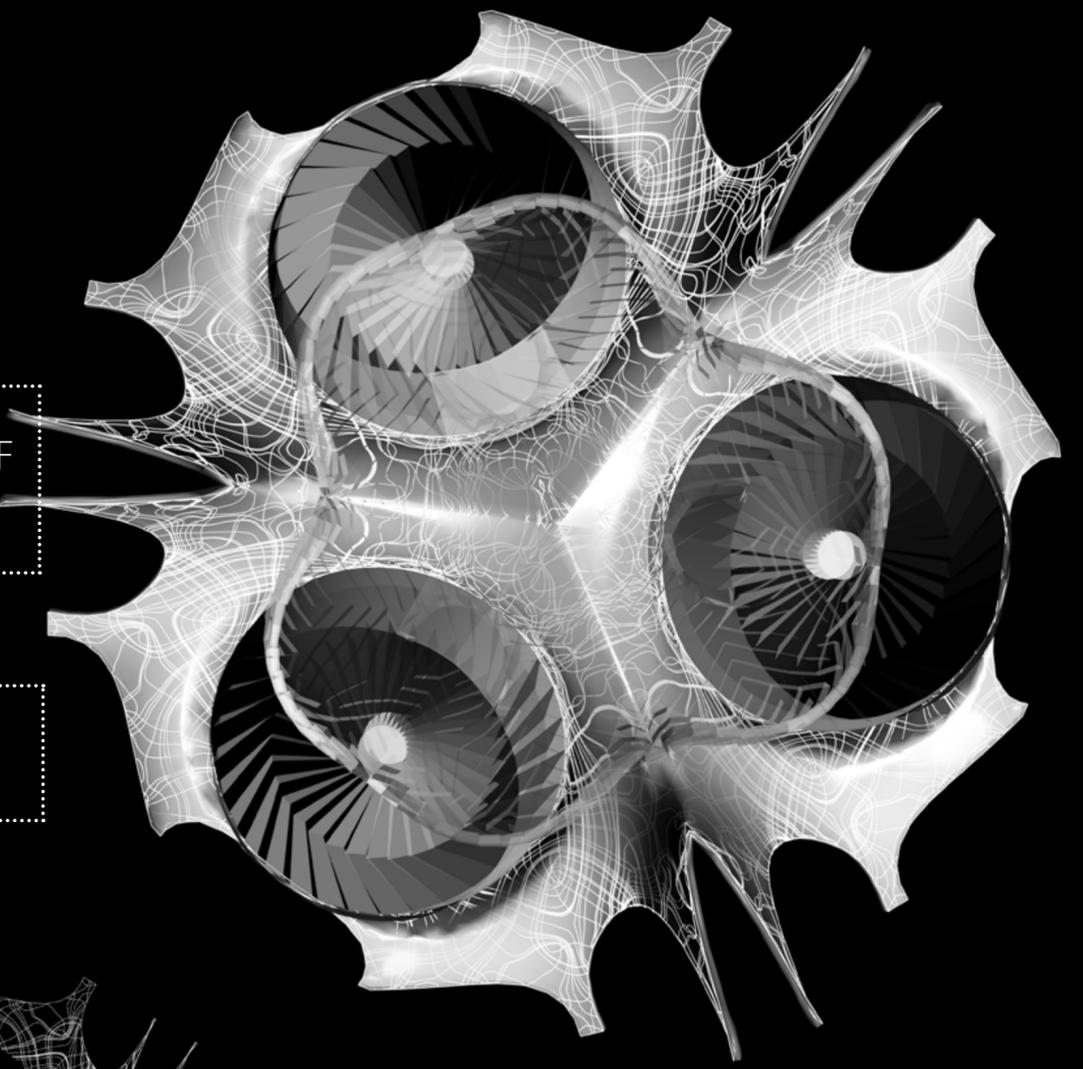




TRANSPORT OF
MATTER

MATERNET

VIA
DRONES

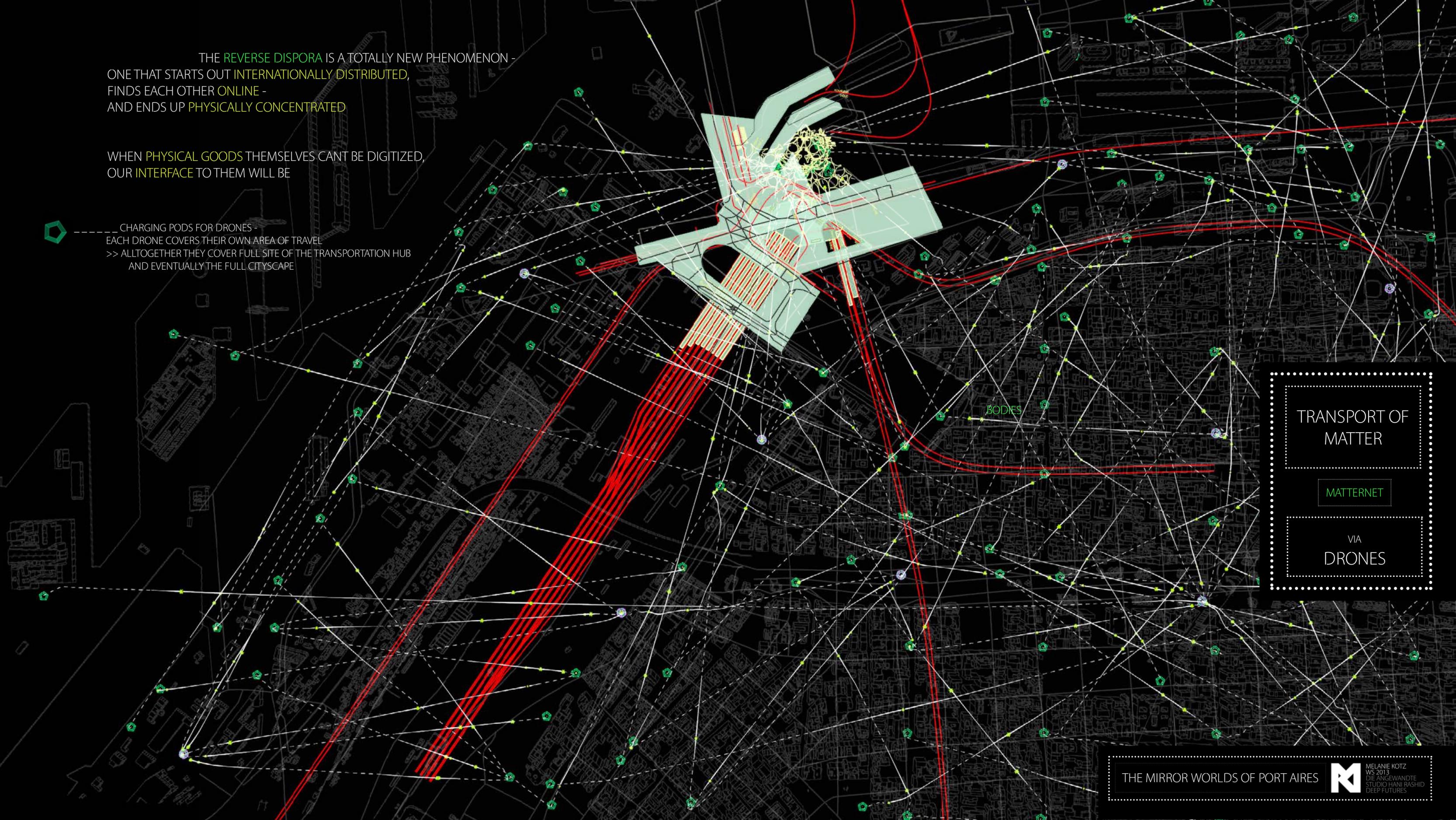


THE **REVERSE DISPORA** IS A TOTALLY NEW PHENOMENON -
ONE THAT STARTS OUT **INTERNATIONALLY DISTRIBUTED**,
FINDS EACH OTHER **ONLINE** -
AND ENDS UP **PHYSICALLY CONCENTRATED**

WHEN **PHYSICAL GOODS** THEMSELVES CANT BE DIGITIZED,
OUR **INTERFACE** TO THEM WILL BE



--- CHARGING PODS FOR DRONES -
EACH DRONE COVERS THEIR OWN AREA OF TRAVEL
>> ALLTOGETHER THEY COVER FULL SITE OF THE TRANSPORTATION HUB
AND EVENTUALLY THE FULL CITYSCAPE



BODIES

TRANSPORT OF
MATTER

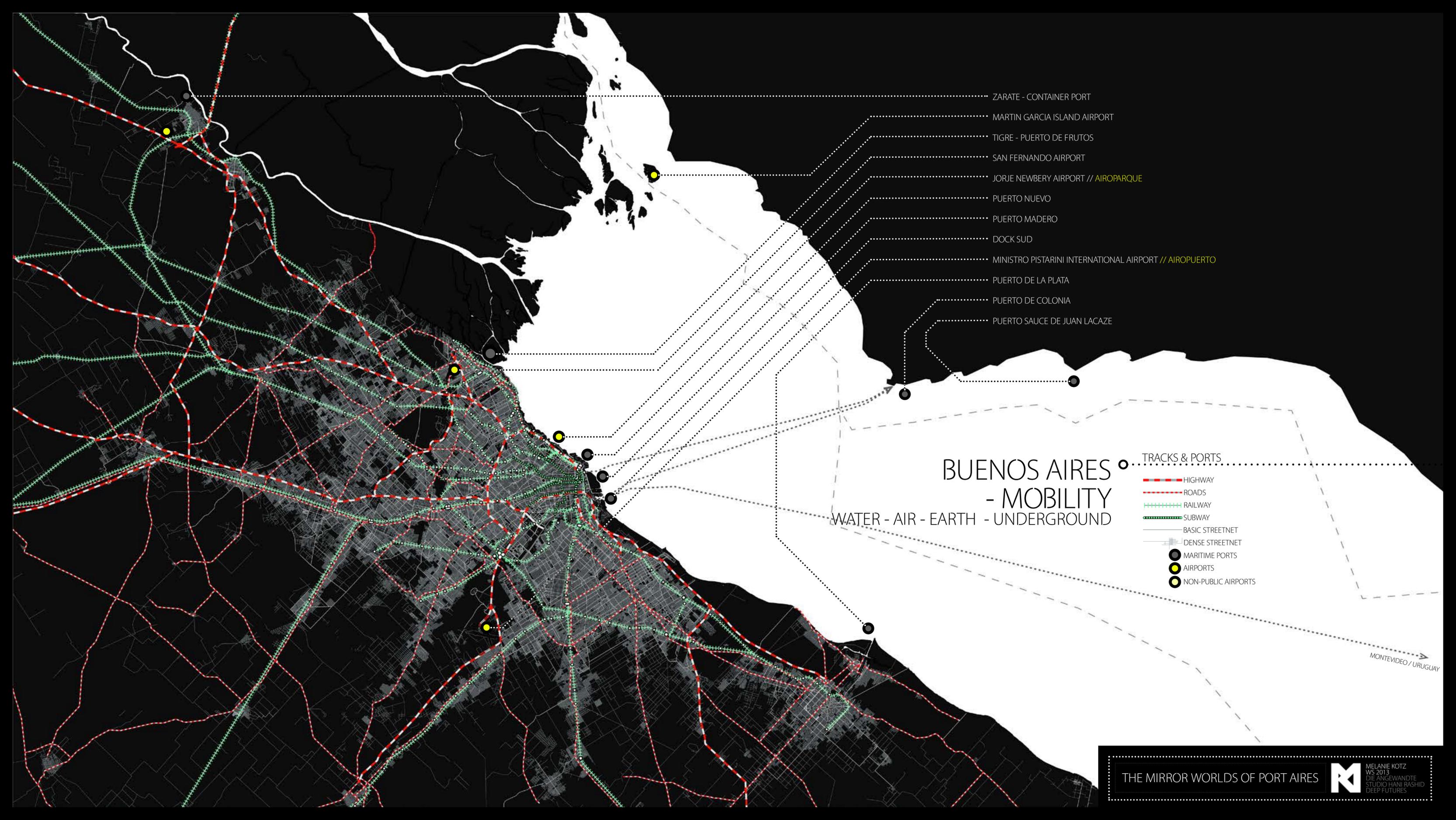
MATERNET

VIA
DRONES

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DEEP FUTURES



ZARATE - CONTAINER PORT

MARTIN GARCIA ISLAND AIRPORT

TIGRE - PUERTO DE FRUTOS

SAN FERNANDO AIRPORT

JORJE NEWBERY AIRPORT // AIOPARQUE

PUERTO NUEVO

PUERTO MADERO

DOCK SUD

MINISTRO PISTARINI INTERNATIONAL AIRPORT // AIOPUERTO

PUERTO DE LA PLATA

PUERTO DE COLONIA

PUERTO SAUCE DE JUAN LACAZE

BUENOS AIRES - MOBILITY

WATER - AIR - EARTH - UNDERGROUND

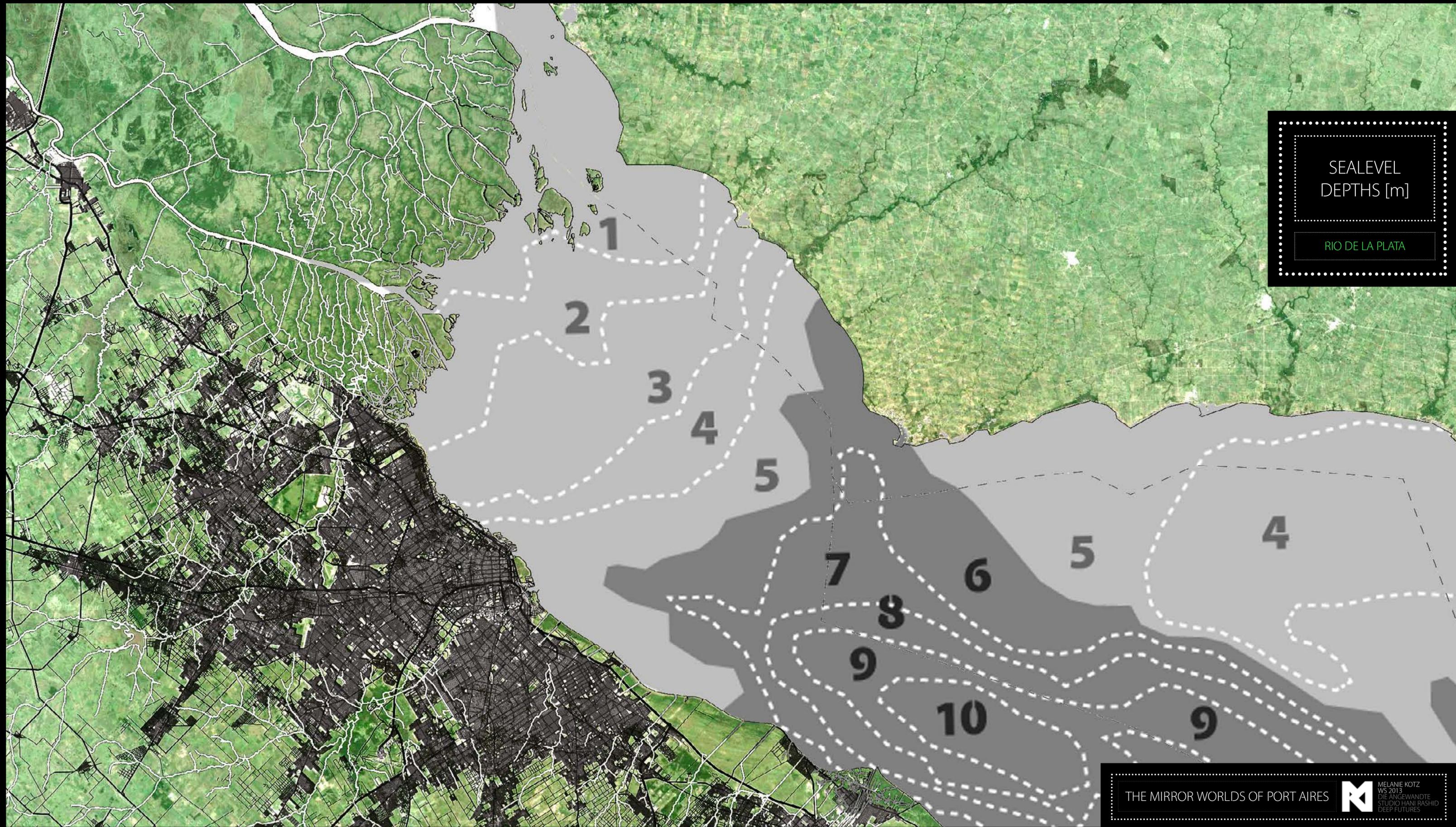
TRACKS & PORTS

- - - - - HIGHWAY
- ROADS
- - - - - RAILWAY
- SUBWAY
- - - - - BASIC STREETNET
- - - - - DENSE STREETNET
- MARITIME PORTS
- AIRPORTS
- NON-PUBLIC AIRPORTS

MONTEVIDEO / URUGUAY

SEALEVEL
DEPTHS [m]

RIO DE LA PLATA



FORM STUDIES

SPIKE

BLOB

FAN

DRONES

DRONES

TRANSPORT HUB + STUDIOS

SKELLETON

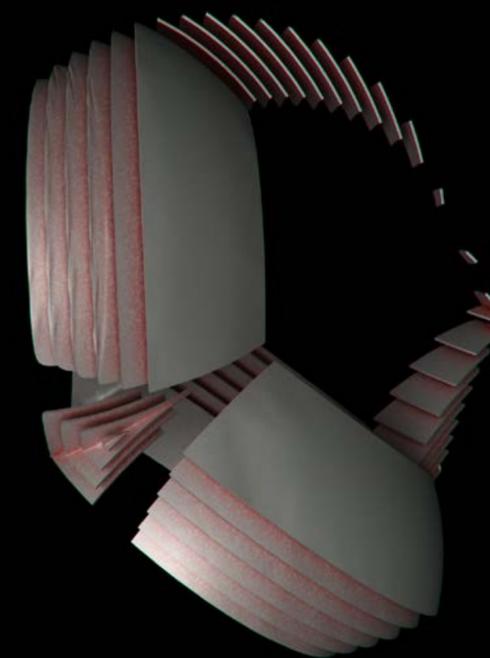
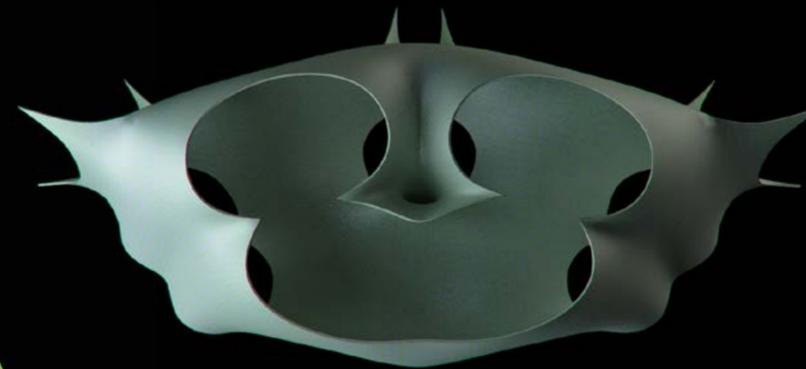
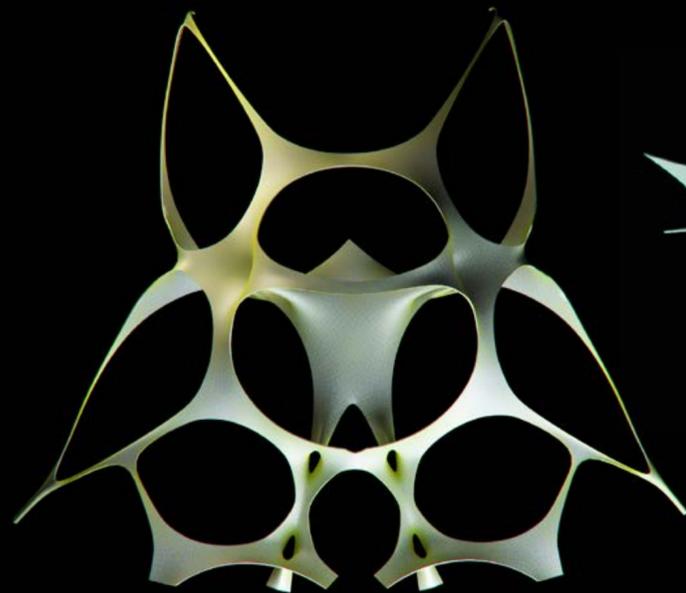
BODIES

MULTI - LAYERED SKINS

CONTINUOUS STRUCTURE

CONTINUOUS CIRCULATION SPACES

BUILDING TO GROUND CARVING



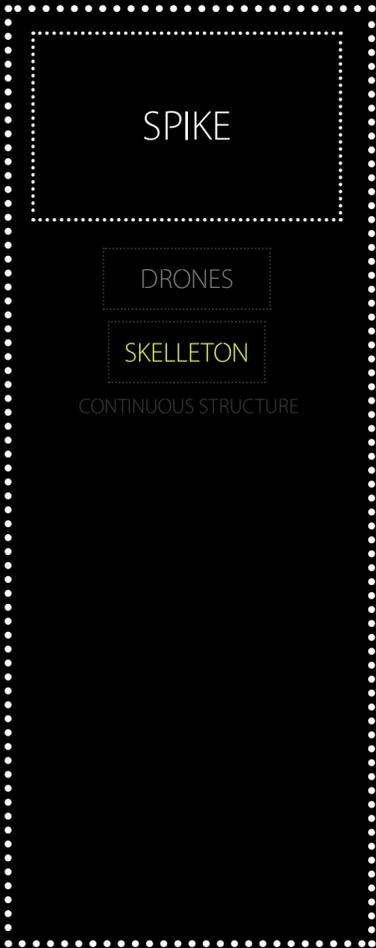
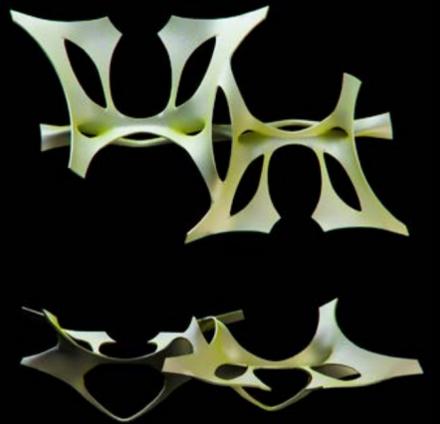
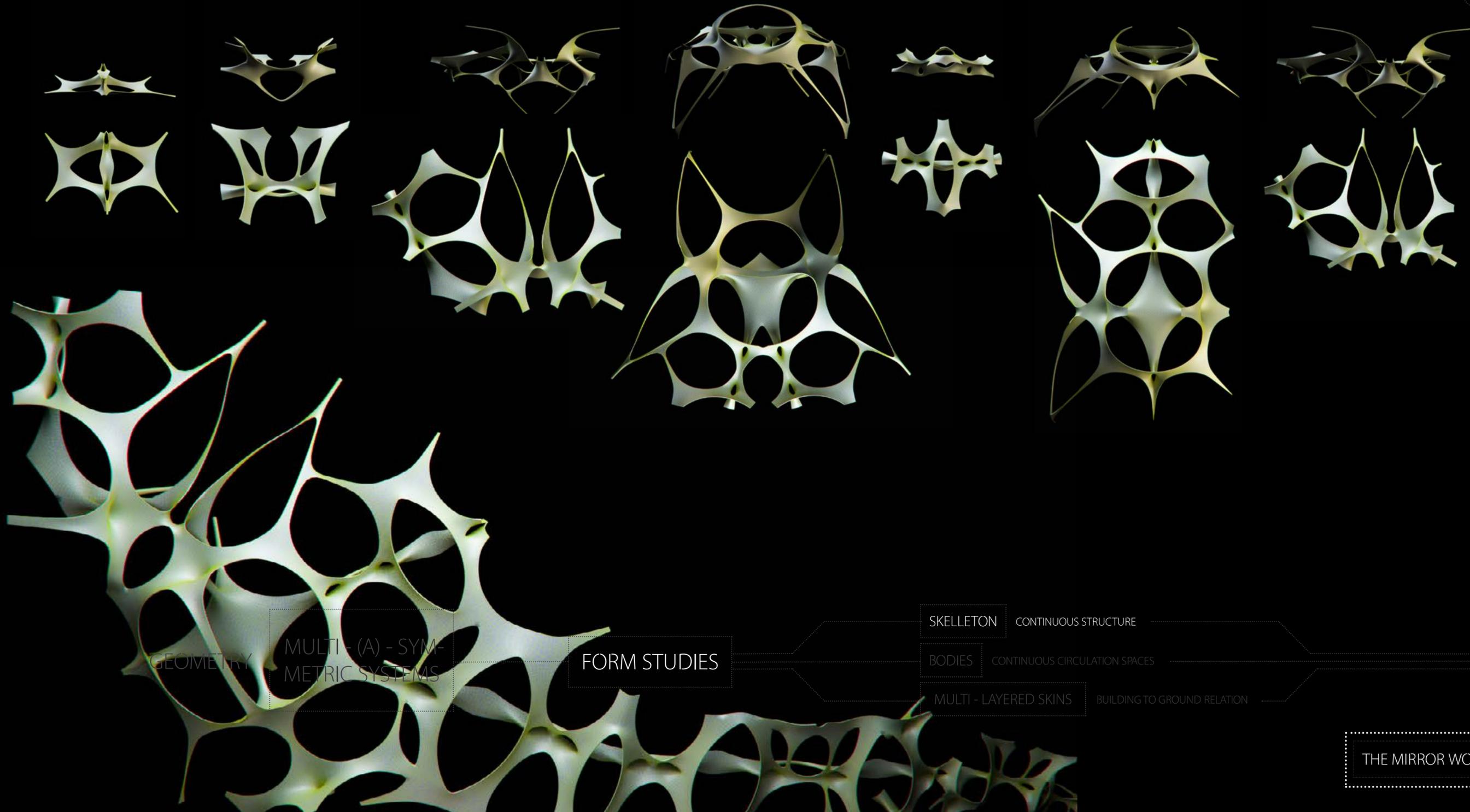
CULTURE

BUENOS
AIRES

HISPANO - EUROPEAN
TANGO & SOSA

EUROPEAN URBAN CULTURE +
INDIGENOUS TRIBES

ONE COULD FEEL A CERTAIN
MELANCHOLY WITHIN THE STRENGTH
OF THE ARGENTINIAN TANGO &
MERCEDES SOSA'S VOICE OF THE
PEOPLE



SPIKE

DRONES

SKELLETON

CONTINUOUS STRUCTURE

GEOMETRY

MULTI - (A) - SYM-
METRIC SYSTEMS

FORM STUDIES

SKELLETON CONTINUOUS STRUCTURE

BODIES CONTINUOUS CIRCULATION SPACES

MULTI - LAYERED SKINS BUILDING TO GROUND RELATION

CULTURE

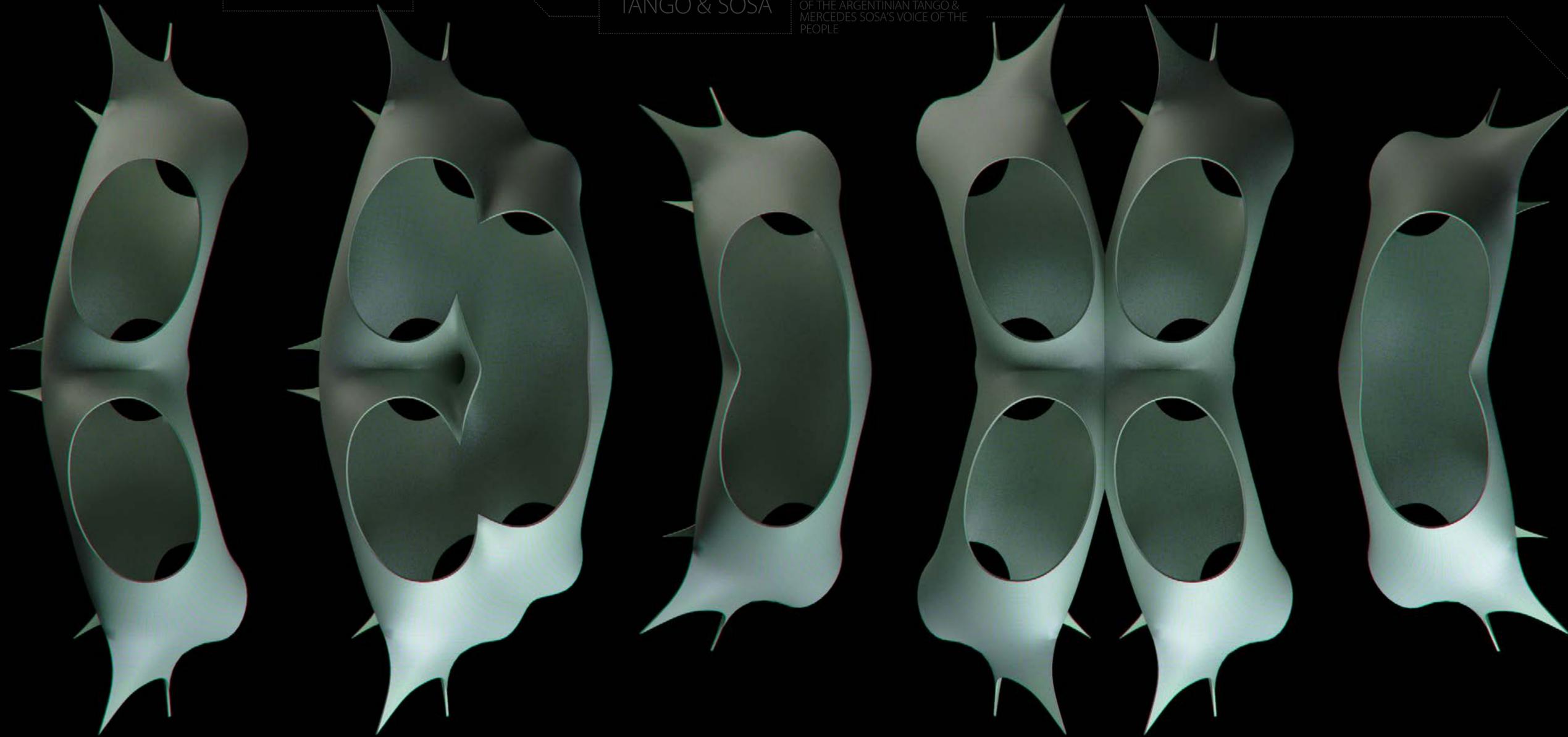
BUENOS
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GEOMETRY

MULTI - (A) - SYM-
METRIC SYSTEMS

FORM STUDIES

SKELLETON

CONTINUOUS STRUCTURE

BODIES

CONTINUOUS CIRCULATION SPACES

MULTI - LAYERED SKINS

BUILDING - TO GROUND RELATION

BLOB

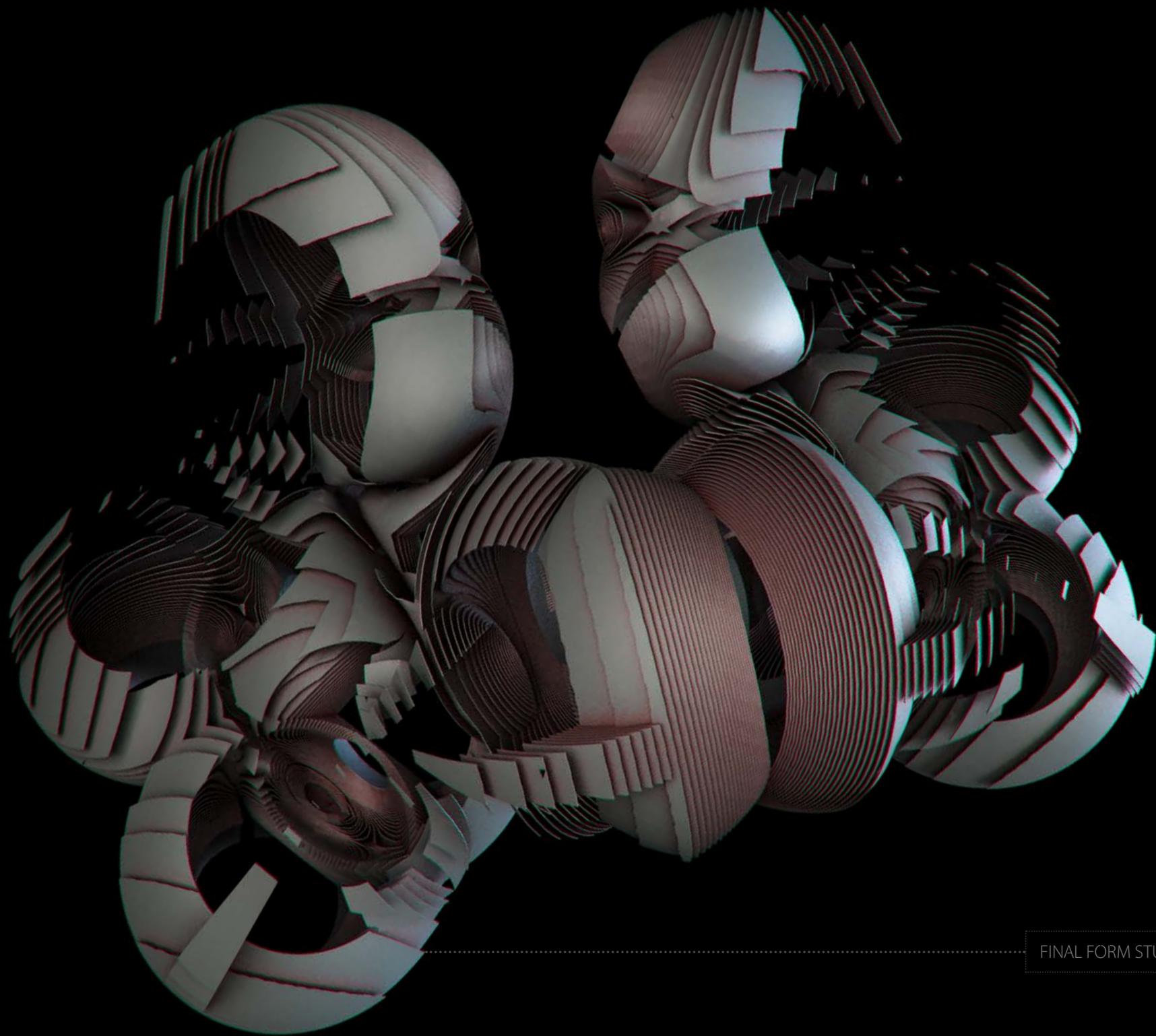
DRONES

BODIES

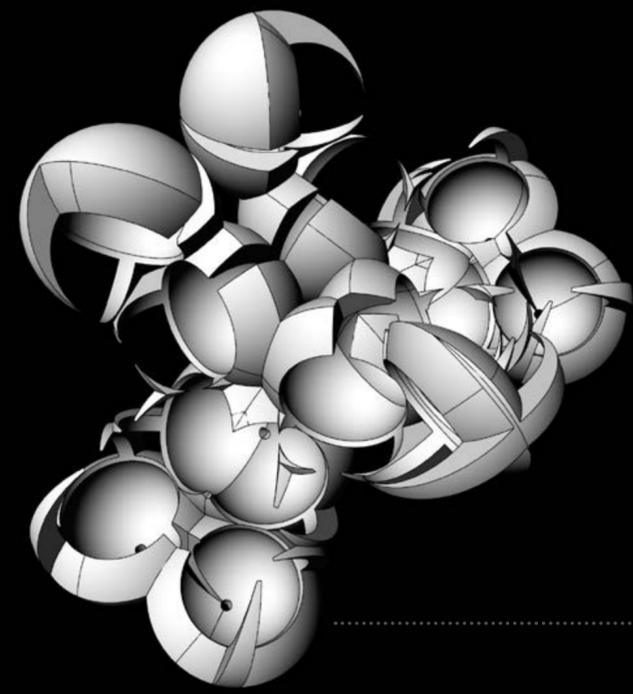
CONTINUOUS CIRCULATION SPACES

THE MIRROR WORLDS OF PORT AIRES

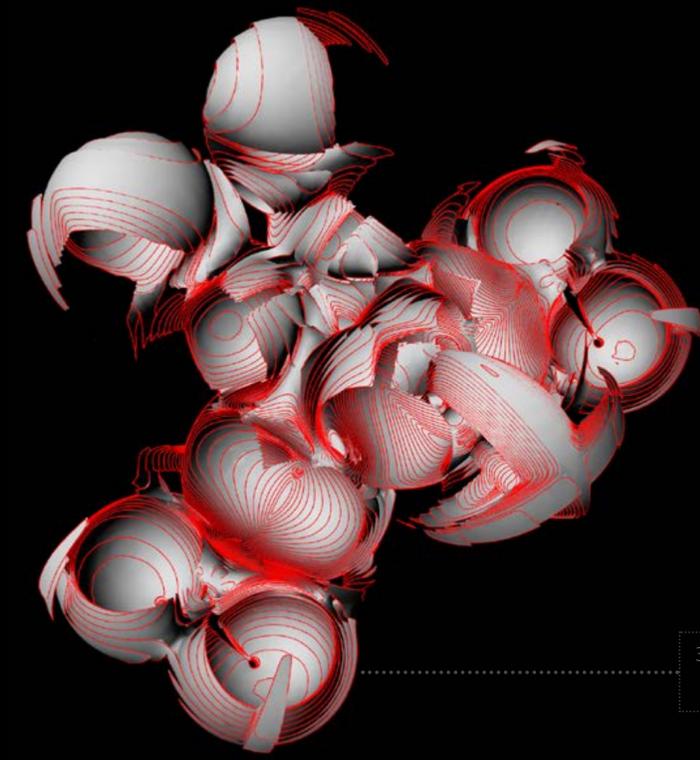




FINAL FORM STUDY



BASIC VOLUMES
MULTI-MIRRORED



3D-SLICING INTO
CONTINUOUS
LAYERS

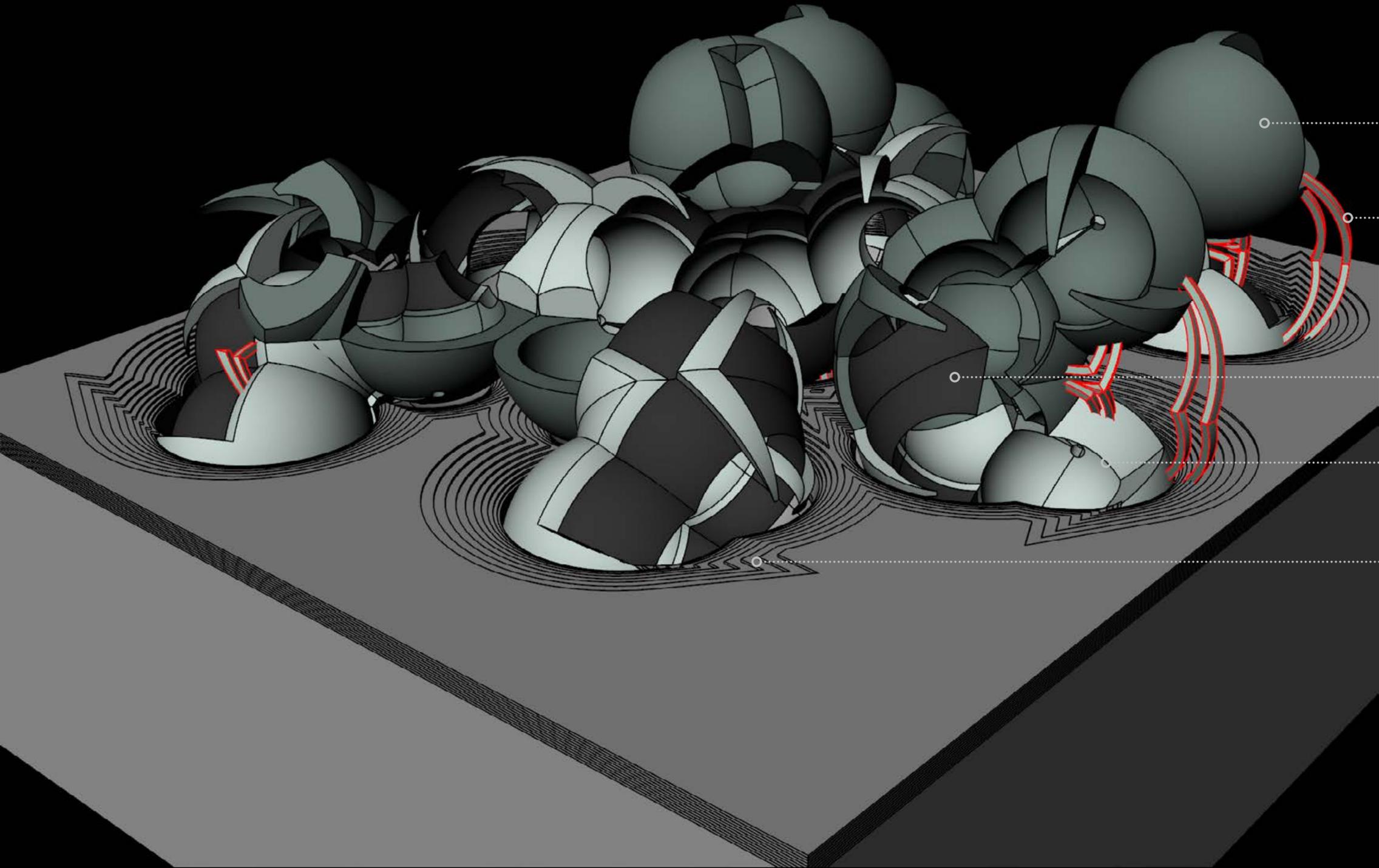
FAN

TRANSPORT HUB + STUDIOS

MULTI - LAYERED SKINS

BUILDING TO GROUND CARVING

BUILD UP BY BASIC VOLUMES



2ND GROUP OF VOLUMES
UPPERGROUND

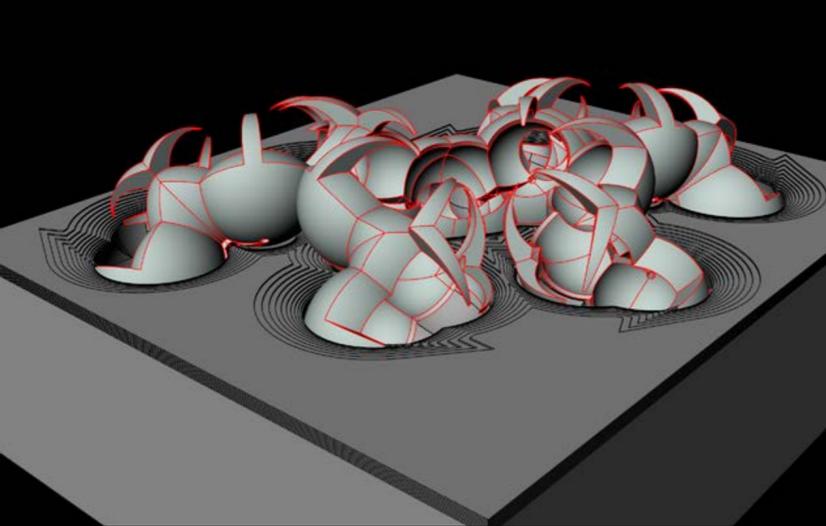
VERTICAL SUPPORT

GROUP OF SHELLS

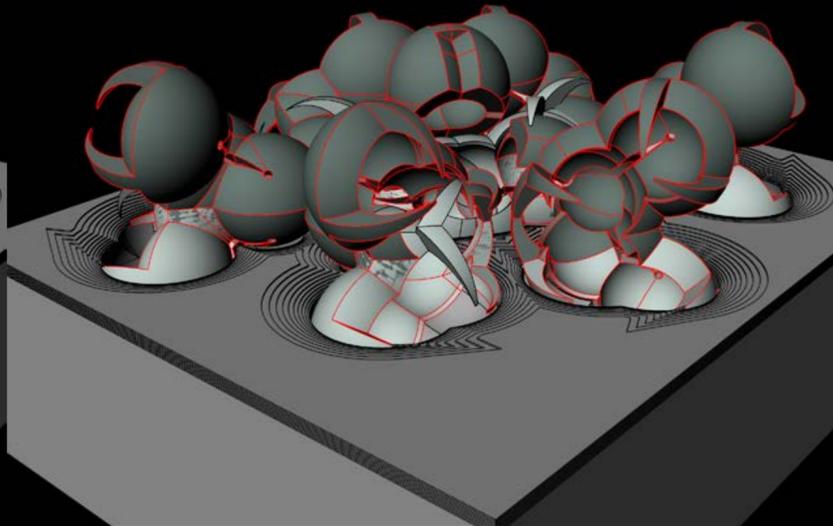
1ST GROUP OF VOLUMES
UNDERGROUND

STEPPED PIAZZA

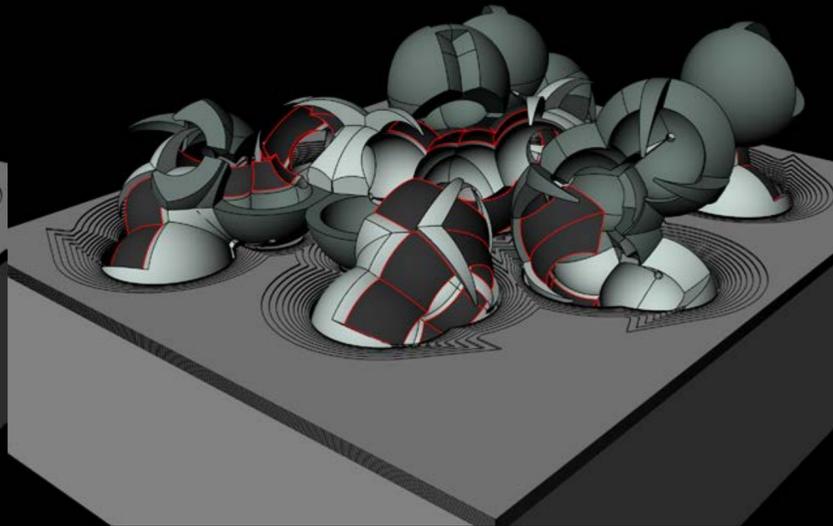
BUILD UP BY BASIC VOLUMES



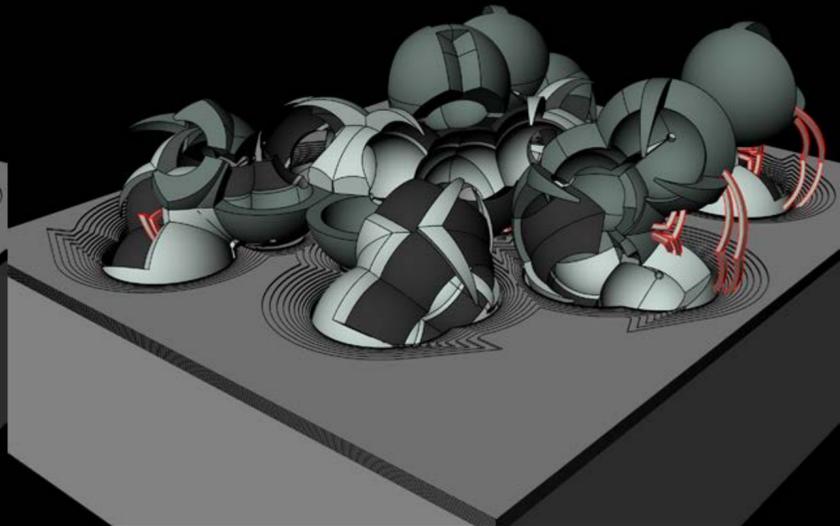
1ST GROUP OF VOLUMES UNDERGROUND



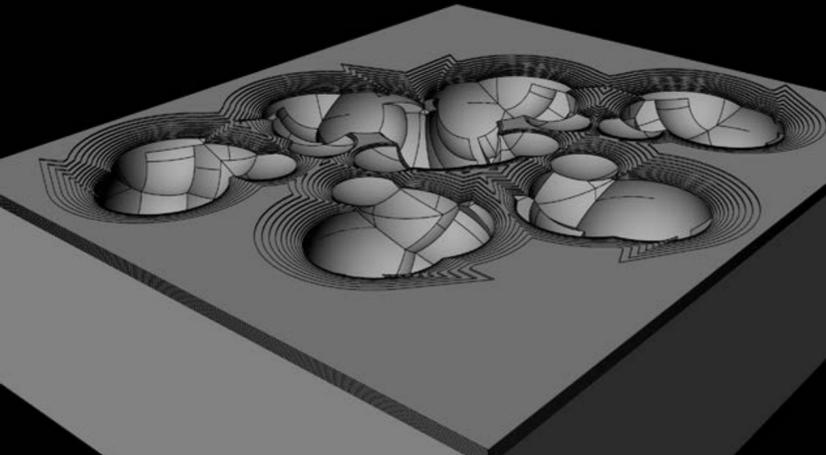
2ND GROUP OF VOLUMES UPPERGROUND



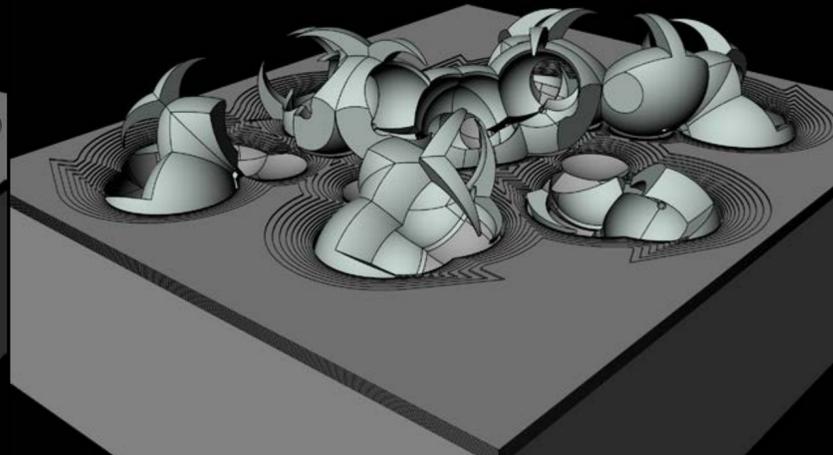
GROUP OF SHELLS



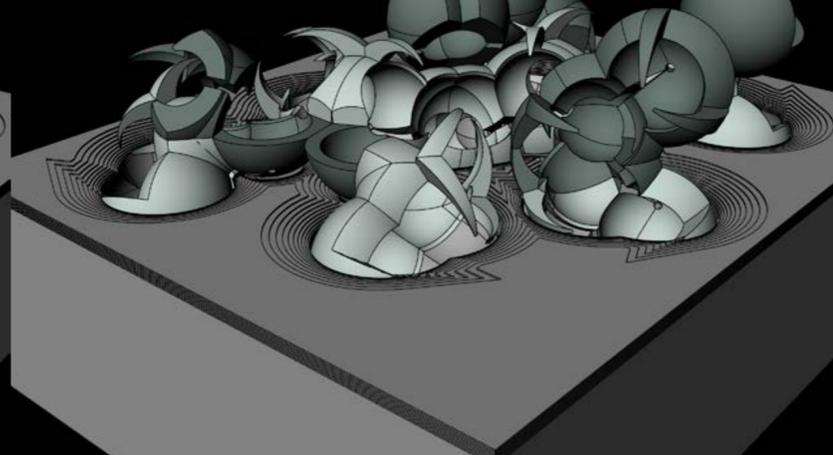
VERTICAL SUPPORT - ?



STEPPED PIAZZA

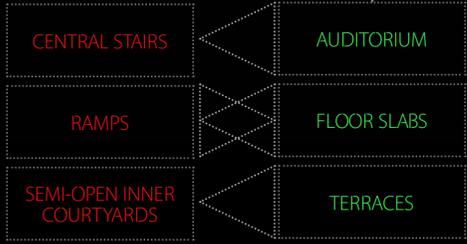
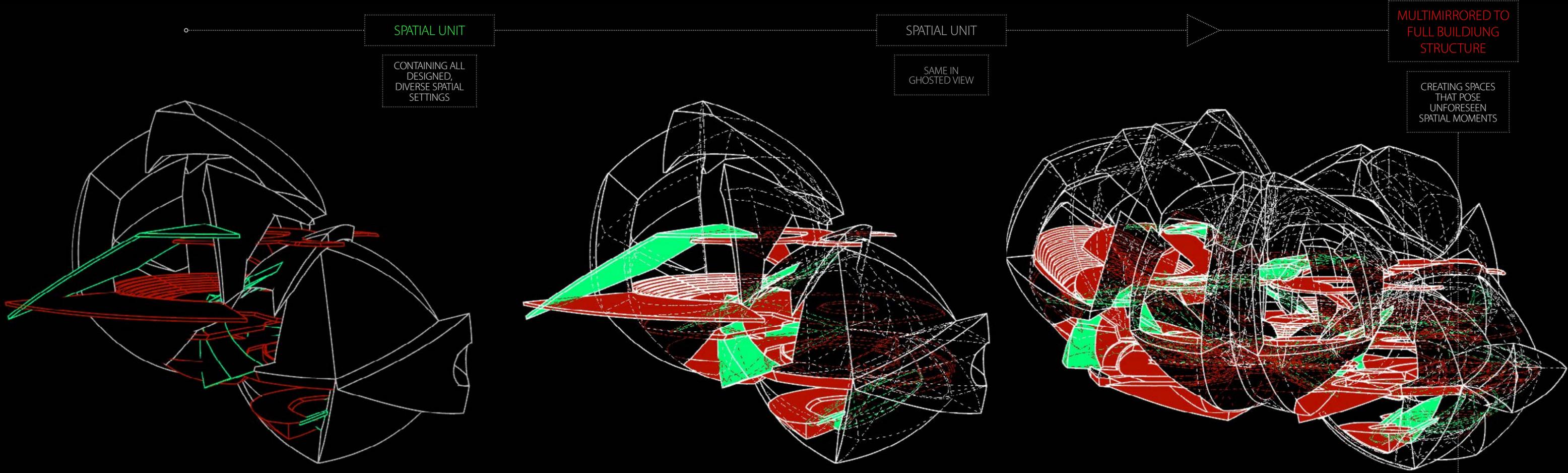


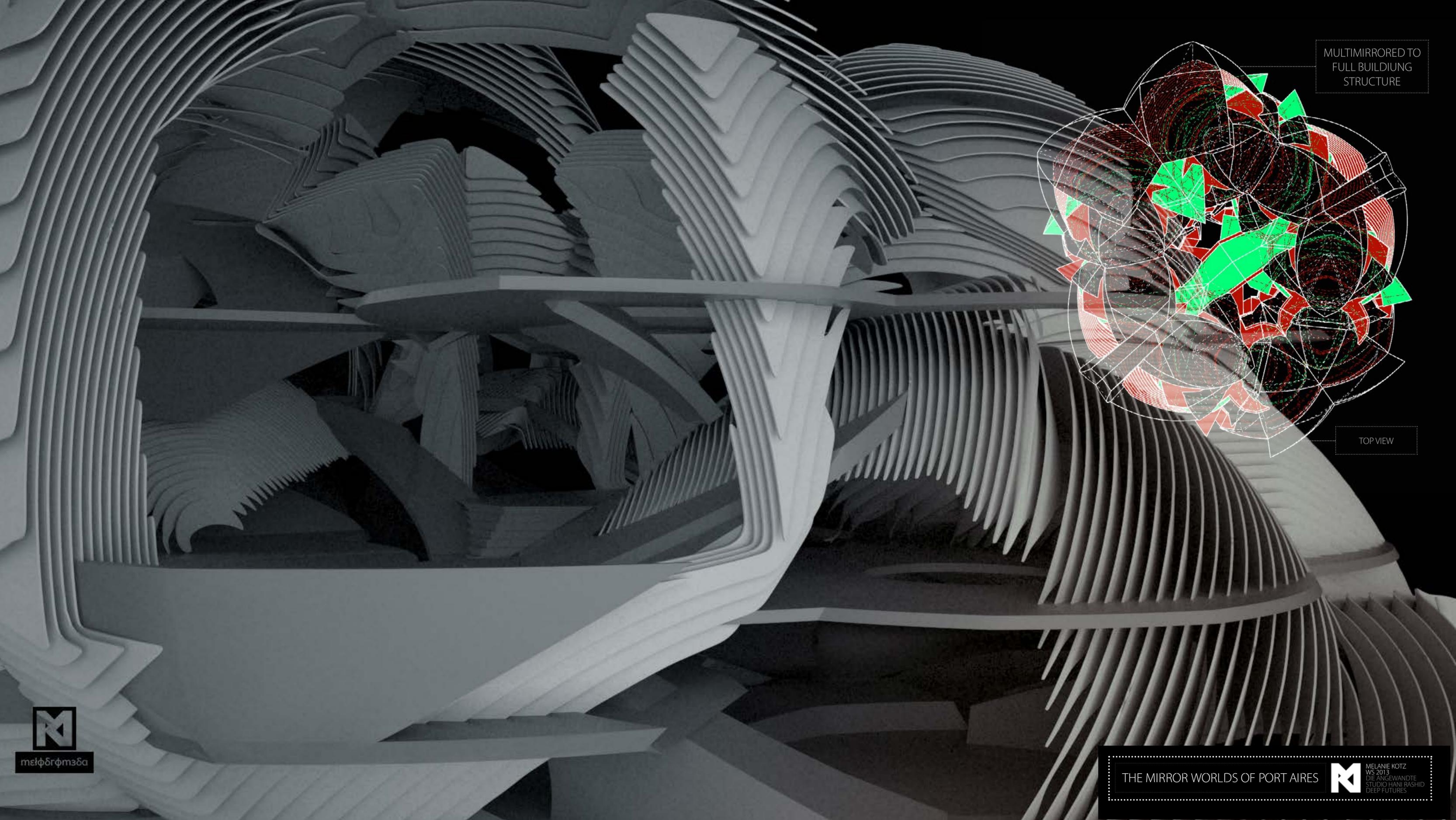
1ST GROUP OF VOLUMES - REDUCED



2ND GROUP OF VOLUMES - REDUCED

UNFORESEEABLE TRANSFORMATION





MULTIMIRRORED TO
FULL BUILDING
STRUCTURE

TOP VIEW

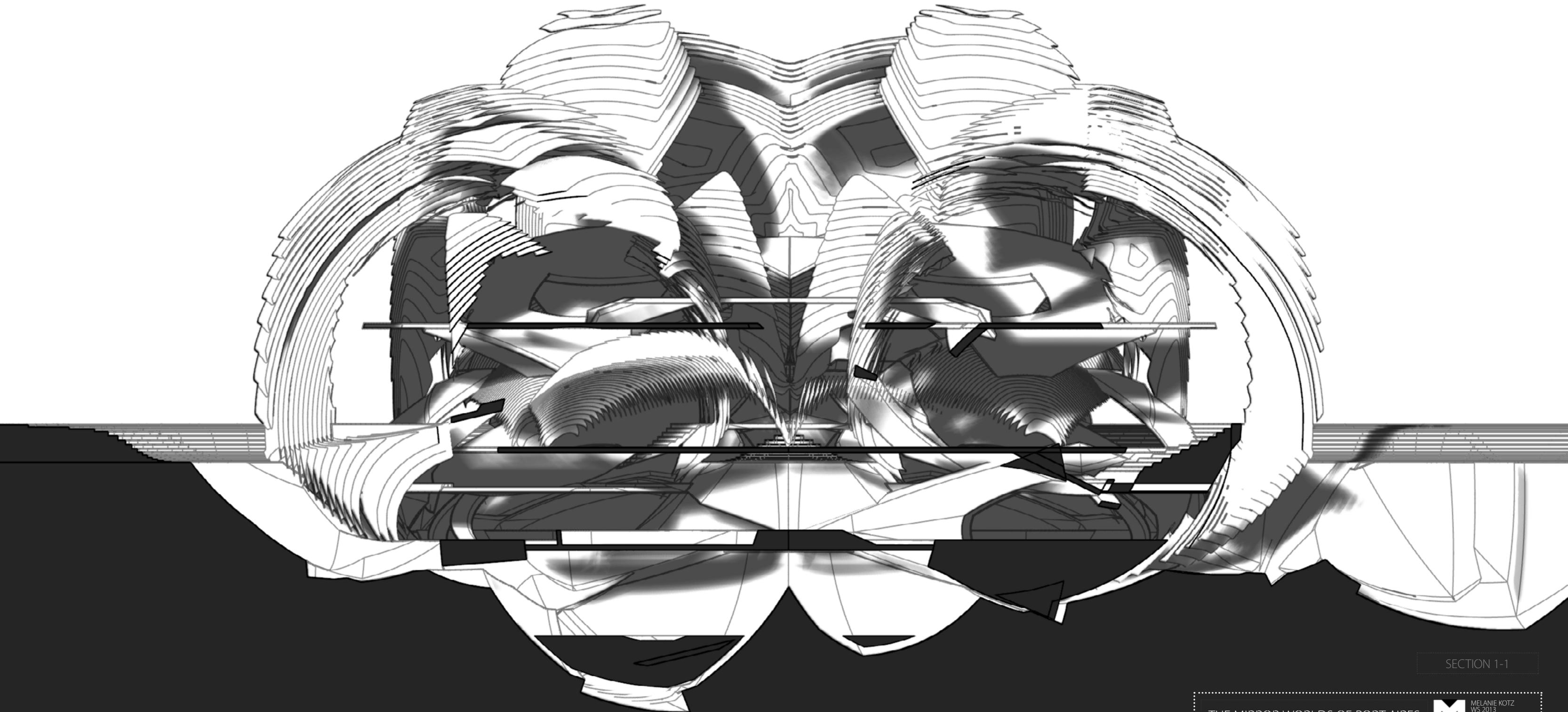


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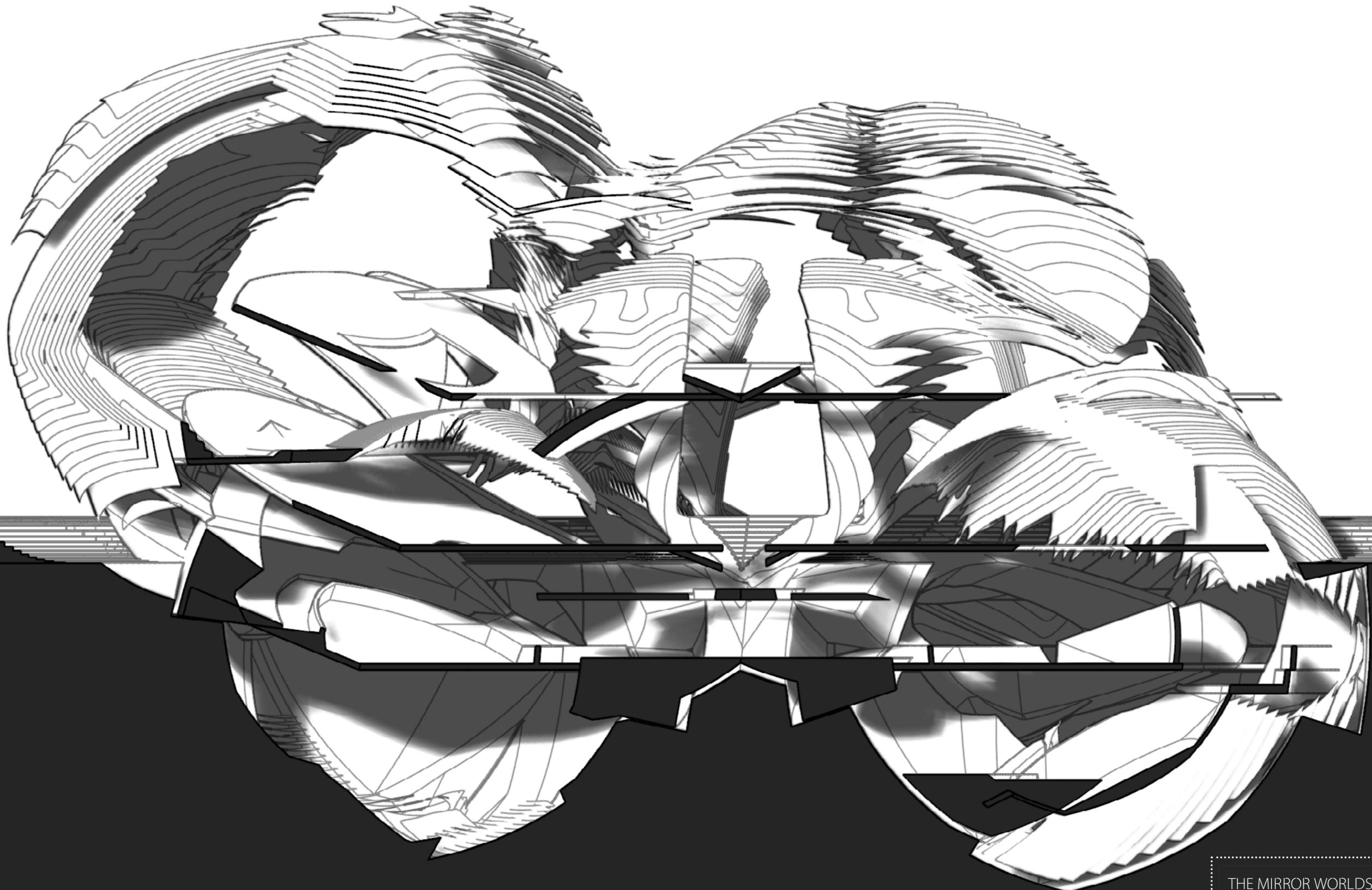


SECTION 1-1

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SECTION 2-2

