





BLIND
SPOTS
OF
A
SPOTLESS
TY

BLIND
SPOTS
OF
A
SPOTLESS
CITY

A THESIS BY **SAN YOON**

CORNELL AAP

MASTER OF ARCHITECTURE

DECEMBER 2022

ADVISED BY **JESSE LECAVALIER + SEAN ANDERSON**

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CHAPTER_ 0

INTRO



X_:/?_

0-000 WHAT IS LIFE, WHEN TECHNOLOGY ACQUIRES
PRIORITY OVER IT AND HOW CAN AN ARCHITECT
CONJURE LIFE IN SYMBIOSIS WITH THE MECHANICAL
LANDSCAPE OF THE FUTURE?

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SLEEP ANDY WARHOL 1964

ABSTRACT_

- 0-001 THE THESIS, 'BLIND SPOTS OF A SPOTLESS CITY,' WELCOMES YOU TO THE FICTIONAL OUTLOOK ON THE NEXT PHASE OF SONGDO SMART CITY: AN URBAN LIFE DRIVEN BY CONTENT-BASED PROFIT AND ITS APPARATUS. CURATED BY CORPORATIONS AND FILLED WITH RESIDENTIAL INFLUENCERS SPONSORED BY THEM, EXISTING URBAN CONDITION TRANSFORMS INTO VERTICAL SOUND STAGES, FORMING A CITYWIDE CONTENT PRODUCTION FACTORY. THE CITY IS KEPT SPOTLESS THAN EVER BEFORE, AS ITSELF BECOMES A SUPERVISED JOB - AS SONGDORIANS SAY, 'I WORK FOR THE CITY!'
- 0-002 BY SHOWCASING SONGDO, THE INVESTIGATION OF THE THESIS QUESTIONS THE IDEA OF HUMAN LIFE IN SYMBIOSIS WITH THE ARCHITECTURE REPLACED BY THE TECHNOLOGY, AND PROPOSES AN APPARATUS THAT BECOMES THE STAGE OF SITUATIONS AND LIFE.
- 0-003 THE THESIS MIGHT CONTAIN SCENES OF GRAPHIC VIOLENCE AND BRUTAL DEPICTIONS OF FUTURE. ARCHITECTS WHO ARE FAINT OF DYSTOPIA, PRONE TO ALTERNATIVE UTOPIA OR HAVE WEAK STOMACHS ARE ADVISED TO TAKE EXTREME CAUTION. FOR THOSE CHOOSING TO CONTINUE, YOU HAVE BEEN WARNED...



PLAN VOISIN LE CORBUSIER 1925

PREFACE_

0-004 I WAS RAISED IN A FIRST GENERATION PLANNED CITY OF KOREA, BUNDANG NEW TOWN, UNTIL BECOMING AN ADULT. LIVING THERE, MASTERPLANNED INDICATORS WERE STRICT TO THE POINT WHERE SOMETIMES I FEEL LOST DUE TO SIMILAR TYPOLOGIES SHARED BETWEEN MY BLOCK AND MY FRIEND'S BLOCK. AS A RESIDENT LIVING UNDER THE CONCRETE SKINNED COLOSSUSES, I ALWAYS GOT ALONG WITH MY FRIENDS AT A PLAYGROUND WITH DESIGNED SLIDES, SEESAWS, AND SWINGS. THESE WERE THE APPARATUS THAT HELPED MAINTAIN OUR CHILDISH JOY.

0-005 BUT WHAT ALWAYS ALLURED US WAS NOT HOW SPECTACLE THOSE MASS-PRODUCED MACHINES OF AMUSEMENTS WERE. IT WAS THE SENSES AND CREATIVITY STIMULATED BY HOW WE OCCUPIED THOSE MACHINES. THERE IS ALWAYS A SYSTEM DESIGNED FOR THEM, BUT IT ALWAYS LED US TO SOMEWHERE UNEXPECTED. IT WAS ABOUT THE ACTIVITY WE DESIRE TO DO OVER WHAT WE ARE SUPPOSED TO DO. MACHINES, EVEN WITH THEIR COMMON CONCEPTION OF NON-HUMANISTIC FEATURES, HAVE A CAPACITY TO OPEN ARMS ON OUR OWN WAYS OF MANIPULATION OF THE SPACES.

0-006 THIS IS NOT MERELY AN ARCHITECTURAL NOSTALGIA AND IS DEFINITELY NOT AN EMPTY ADMIRATION TOWARDS THE LOOMING HAZE OF MY OWN MEMORY, BUT AN UNDERSTANDING TOWARDS AN IMPORTANCE OF JOY AND ENTERTAINMENT OF USING A SPACE CAUSED BY SITUATIONS UNDER OUR CURRENT DAY AND AGE OF BIG BROTHERS; IT IS THE ADMIRATION TOWARDS THE QUALITY OF AMBIGUITY WITHIN SPECIFICITY AND THE POTENTIALITY OF OCCUPYING THEM WITH HUMAN INTERACTIONS.

0-007 EVER SINCE LE CORBUSIER DREAMT OF A UTOPIAN CITY, MODERNISM HAS GROWN TO ASSOCIATE CLOSELY WITH REAL ESTATE AND CREATED A 'TEMPLATE' FOR AN IDEAL CITY. NUMERAL CORPORATIONS SMUDGED INTO CITY DEVELOPMENTS AND ACQUIRED OWNERSHIP. IT DIFFERENTIATES FROM SUBURBAN TOWNS SOLD BY COMPANIES WITH THEIR COLOSSAL SCALE AND CAPITAL. BUILDING A SKYSCRAPER WOULD COST SIGNIFICANTLY MORE THAN A SUBDIVISION BECAUSE OF THE HIGHER LABOR COST AND MATERIAL USAGES SUCH AS CONCRETE AND STEEL. CITIES TODAY CONJURED BY CORPORATIONS CONTAIN A MASSIVE NUMBER OF SKYSCRAPERS, DEFINING THEMSELVES AS A MELTING POT OF CAPITALISM. AS REINER DE GRAFF MENTIONED IN HIS LECTURE, 'PHANTOM URBANISM,' CONCRETE IS THE NEW GOLD.

0-008 RAPID URBANIZATION WAS FOLLOWED BY THE IDEA OF 'THE CITY AS A TEMPLATE.' IT WAS FUSED WITH THE RISE OF DUBAI AND ITS SLOGAN, "ONE DAY ALL CITIES WILL BE BUILT LIKE THIS." WITHIN THIS IDEOLOGY, COUNTRIES LIKE UAE AND CHINA STARTED TO EXPORT THE NOTION OF THE 'PLACE' WORLDWIDE AS A FORM OF EXPERTISE. IF FUTURE CITIES ARE THE AMALGAMATION OF PAST CITIES, HOW CAN A CULTURE EMERGE?

0-009 WHILE IT MAY COINCIDE WITH THE MODERNISTIC IDEAL, THE MOVEMENT CREATES THE UNFORTUNATE DEBRIS OF ABANDONED CITIES WITH EMPTY HIGH RISES AND INFRASTRUCTURE, MAKING US QUESTION BOTH TO DEVELOPERS AND ARCHITECTS, 'WHAT ARE WE DOING?' LIVING IN THE ERA OF IPHONE AND MEMORY CARDS, WE STARTED TO THINK THE HIGHER THE TECH IS, THE BETTER. ARCHITECTURE IS BECOMING MORE AND MORE LIKE A PURE MACHINE, WITH CYBERNETICS LIMBS AND ORGANS. EVERYTHING TELLS US THE RISE OF MECHANICAL URBANISM. BUT THE BLIND SPOT OF IT IS, THE CITY CAN NEVER PURELY FUNCTION AS A MACHINE, AS IT HAS ALWAYS BEEN AND WILL BE A PLACE OF LIFE.

0-010

THE ALGORITHMIC SYSTEM OF THE SMART CITY MANIFESTED BY COLLECTED DATA IS MEANT TO TRANSFORM HUMAN LIFE TO ITS PERFECTION. BUT NO HUMAN IS PERFECT, AND WE GROW THROUGH IMPERFECTION. THE MOST PRIMITIVE BEHAVIOR IS WHAT KEEPS US HUMAN, LIKE SLURPING ON A GOOD SOUP AFTER A HARD DAY'S WORK, BUT ACCIDENTALLY DROPPING THE BOWL AND STARE AT IT. IN A BROADER SCHEME OF TECHNOLOGICAL DEVELOPMENT, IT IS EASY TO SAY THAT THESE CORE VALUE OF LIFE CAN BE REPLACED WITH CERTAIN TECHNOLOGICAL, SPOTLESS, BLEEDING EDGE THINGS TO MOVE FORWARD. BUT I ARGUE THAT THE UNBEARABLE WEIGHT OF OUR WILL TOWARDS 'LIFE' CAN NEVER BE REPLACED.

0-011

'BLIND SPOTS OF A SPOTLESS CITY' AIMS TO ENVISION THE NEXT PHASE OF A CORPORATE-LEAD URBANISM OF SONGDO, AND GOES THROUGH THE JOURNEY OF THE MAIN CHARACTER, 'THE ARCHITECT,' WHO WAS SELECTED BY CORPORATIONS TO DESIGN THE 'NEXT SONGDO.' IT IS A FICTIONAL MEMOIR, SHOWCASING MULTIPLE STAGES OF HIS LIFE'S WORK THAT LASTED ALMOST 30 YEARS: THE JOURNEY THAT GOES THROUGH THE EXCITEMENT, FRUSTRATION, AGONY, EXISTENTIAL CRISIS, AND A LIBERATION AFTER FINISHING THE PROJECT AND RETIRING FROM THE ARCHITECTURE FIELD, CLOSING THE CASE WITH THE POTENTIAL OF HOPE AND A BEGINNING OF THE NEXT PHASE OF THE FUTURE LIFE.



HER SPIKE JONZE 2013

CHAPTER_ 1

LIFE OF SONGDO

SCENE_ A

1-001 IN 2023, SONGDO HAS OFFICIALLY ANNOUNCED TO BE FAILED. THE WHOLE BUSINESS STARTED IN THE LATE 1990S, LED BY THE CORPORATION GALE INTERNATIONAL AND THE CITY OF INCHEON TO MAKE THE CITY AS A MODEL FOR ALL THE CITIES BORN AFTER TO ADOPT THE TYPOLOGIES EXPERIMENTED HERE. THE OCEAN WAS FILLED WITH LAND, AND THE CITY WAS BUILT, DESIGNED BY COLLAGING MULTIPLE SUCCESSFUL EXAMPLES OF URBAN FRAGMENTS SUCH AS PARIS, NEW YORK, AND LONDON.

1-002 THE MOST EXTREME CONCEPT FOR SONGDO WAS THAT FROM THE GET-GO, THE WHOLE CITY WAS WIRED WITH MACHINES SUCH AS SENSORS, SCREENS, AND CAMERAS; TOOLS FOR KEEPING THE CITY SPOTLESS. THE CITY BECAME AN AMALGAMATION OF PRODUCTS SPONSORED BY MANY OTHER COMPANIES, SUCH AS CISCO OR POSCO. NATURALLY, THE TOWN BECAME A PLACE FOR AN EXTREME INVESTMENT BUT NOT A PLACE FOR LIFE, LEADING TO THE FINANCIAL DOWNFALL OF SONGDO WITH THE LACK OF RESIDENTS, LOSING MORE THAN 600 BILLION WON SINCE 2009. THE CITY MIGHT HAVE BEEN SMART, BUT IT WAS NEVER WISE.

1-003 "CITIES ARE THE WORLD'S EXPERIMENTAL LABORATORIES AND THUS A METAPHOR FOR AN UNCERTAIN AGE."

-PARAG KHANNA

1-004 "... GALE STUNNED THE ROOM BY ANNOUNCING PLANS TO EVENTUALLY ROLL OUT 20 NEW CITIES ACROSS CHINA AND INDIA, USING NEW SONGDO AS A TEMPLATE. IN THE SPIRIT OF MOORE'S LAW, HE SAYS, EACH WILL BE DONE FASTER, BETTER, CHEAPER, YEAR AFTER YEAR ..."

- GRAIG LINSAY

0098

P-050 VT 12 FEB 69 OLYMPIC STAR FOR OFFICIAL USE ONLY



1969

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P-050 VT 12 FEB 21 OLYMPIC STAR FOR OFFICIAL USE ONLY



2021



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airport

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SONGDO



SONGDO, 2011 BOSTON GLOBAL INVESTORS

NOW, ABOUT THIS SMART CITY_

1-005 THE ULTIMATE FORM OF A CITY TODAY IS A SMART CITY. NOBODY CAN PRECISELY CONVEY THE DEFINITION OF THE SMART CITY BECAUSE 'SMART' IS A HIGHLY RELATIVE TERM. ANTHONY TOWNSEND ARGUES THAT ITS RELATIVITY HOLDS A HIGH RISK BECAUSE IT LEADS TO A FORCEFUL DEVELOPMENT WHEN DRIVEN BY PROFITABILITY VALUE DEFINED BY CORPORATIONS. THE LEVEL OF INTELLIGENCE THE CITY SHOULD OR CAN HOLD IS DICTATED BY THEM, WHICH IS IN DIRECT RELATIONSHIP WITH THE RESIDENTS' ACCESSMENT TO THINGS. ONE WOULD FEEL LIKE THEY ARE SMART BY LIVING IN A SMART CITY, BUT THEY CAN NEVER BE SMARTER.

1-006 THE SMART CITY DEVELOPMENT IS HEAVILY TOP-DOWN. IT IS TO STRICTLY DIRECT A WAY OF LIVING IN THE CITY. FOR EXAMPLE, DUBAI STRUCTURED ITS ADMINISTRATIVE DISTRICT AS 'HEALTHY CITY,' 'MEDIA CITY,' OR 'FINANCIAL CITY.' BY ZONING THE PROGRAM, EACH SECTORS ARE DESIGNED TO BE HIGHLY SPECIALIZED IN ONE DEMAND, LEADING TO THE EFFICIENCY OF A CITY. BUT A SIMPLE BORDER-LINING OF PROGRAMS ONLY LEADS TO VULNERABILITY. INEVITABLY, GOVERNANCE STEPS IN FOR CONTROL, FIXING PEOPLE TO FUNCTION AS THEY WERE PROGRAMMED TO, SOLIDIFYING THE DISTANCE BETWEEN REAL LIFE AND PROPOSED LIFE.

1-007 SONGDO SMART CITY, OFFICIALLY NAMED SONGDO INTERNATIONAL BUSINESS DISTRICT (IBD), IS AN URBAN ZONE DESIGNED TO PROVIDE FOREIGN WORKERS WITH A WORK AND LIVING SETTING. LOCATED IN INCHEON FREE ECONOMIC ZONE (IFEZ), SOUTH KOREA, THE THE CITY OF INCHEON HAS BEEN POURING FINANCE AND SOIL INTO THE OCEAN TO CONJURE THE CITY OF FUTURE SINCE THE LATE 90S WITH GALE INTERNATIONAL. SINCE THEN, THE CITY HAS BEEN CRITICIZED FOR MULTIPLE REASONS: THE CITY WAS BUILT OVER THE RECALIMED LAND, BACKING DOWN THE UTOPIAN PROMISE OF ACHIEVING CLEAN ENERGY AND SUSTAINABILITY BY DESTROYING THE WETLAND. PART OF IT WAS REPLACED WITH A GOLF COURSE DESIGNED BY THE PROFESSIONAL GOLFER JACK NICKLAUS. MOREOVER, DESPITE THE CITY'S BOMBASTIC AMBITIONS, IT SUFFERS FROM THE DEGRADATION OF BEING A TESTBED FOR AN ASSEMBLY LINE CITY MADE TO KEEP CHINA IN CHECK. ULTIMATELY, THE CITY WAS CONSTRUCTED FOR THE MACHINE, NOT PEOPLE.

1-008 INFRASTRUCTURES AND SPACES IN SONGDO SMART CITY ARE DESIGNED FOR EFFICIENCY. EACH URBAN ELEMENT WAS MANUFACTURED FROM LOGISTICS AND PROPAGATED VIA TEMPLATES. A PARK IN SONGDO WOULD NOT BE CREATED WITH INTENTION BUT RATHER EXTRACTED FROM THE 'BEST PARK LIST' IN THE DIGITAL ARCHIVE. THE CITY BECOMES KITBASHED, LEADING TO A REPEATABLE FORMULA THAT MAKES THE CITY A JACK OF ALL TRADES, MASTER OF NONE. THE CITY APPEALS TO MANNERISM, PROMISING TO BE A PANACEA FOR ALL THE WOES YET FUNCTIONING STRICTLY FOR EFFICIENT PROFITABILITY. THE MODERN UTOPIA WORKS BETTER AS A LAB FOR TECHNOLOGY THAN A PLACE FOR LIVING.

1-009 TWO HUMANISTIC PROBLEMS REST IN SONGDO, A COMMONLY KNOWN 'NO MAN'S CITY.' FIRST, THE CITY IS NOT DESIGNED FOR HUMAN USE, AND SECOND, IT IS COSTLY TO LIVE WITH ALL THE TECHNOLOGY GRATED TO EVERYDAY LIVES. FUNDAMENTALLY, IT DOESN'T RESPOND TO HOW 'LIFE' CAN HAPPEN. TO KEEP THE SYSTEM RUN FLUENTLY, THE CITY HAS TO STAY SPOTLESS. BUT THE RESIDENTS HAVE LESS ASSESSMENT OF OUR SURROUNDINGS, AND OUR UNDERSTANDING OF OUR OWN BODIES WILL COLLAPSE. RATHER THAN PEOPLE SHAPING THE CITY, THE CITY SHAPES PEOPLE. THIS PHENOMENON BREEDS FORMULAIC MODEL HUMANITY. WHAT IS LIFE, IF NOT SPACES ARE TAINTED WITH ACCIDENTS AND SITUATIONS?



SONGDO 001



SONGDO 002



SONGDO 003



SONGDO 004



SONGDO 005



SONGDO 006



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SONGDO 007



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SONGDO 008





SONGDO 009



SONGDO 010



SONGDO MASTER PLAN KPF

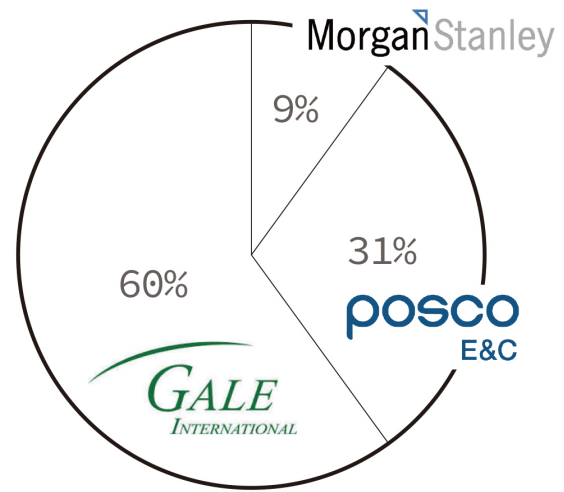
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SONGDO IFEZ CONTROL CENTER POSCO

PROPERTY OWNERSHIP OF SONGDO



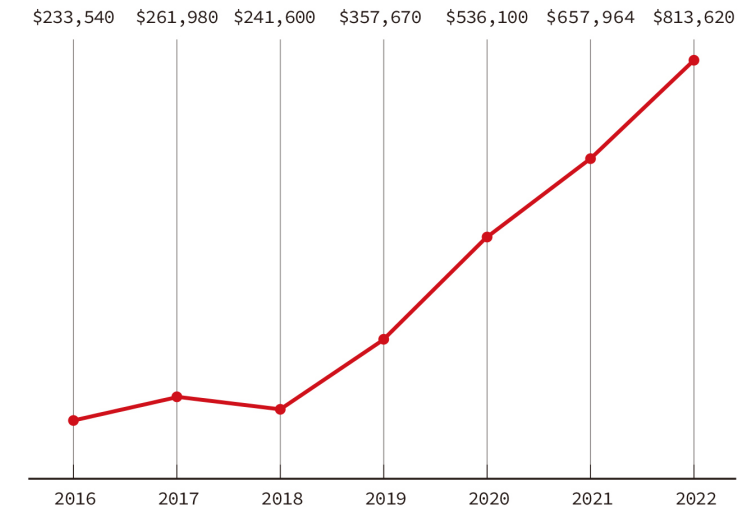
MASTERPLAN



SYSTEM



AVERAGE PRICE OF SONGDO APARTMENT SALE
APPROXIMATE CALCULATION BASED ON EXCHANGE RATE



SOURCE: MINISTRY OF LAND, INFRASTRUCTURE AND TRANSPORT

RECENT SALES ON SONGDO APARTMENTS

SONGDO CENTRAL PARK	80%
SONGDO XI THE STAR	65%
THE SHARP SONGDO ARC BAY	48%

SOURCE: KOREA REAL ESTATE BOARD

CHAPTER_ 2

SPOTLESS CITY



SCENE_ B

2-001 THEN THE CITY STARTED TO THINK... RATHER THAN HAVING A BIG DREAM THAT SEEMS OUT OF WORLDLY, WHAT IS THE MOST UNDER-THE-NOSE, PROFITABLE BUSINESS THEY CAN PERFORM THAT CAN GAIN PUBLICITY? OBVIOUSLY, IT LED THEM TO THE SUBSCRIPTION MODEL AND CONTENT CREATION. EVER SINCE NETFLIX, SUBSCRIPTION AND CONTENT MODEL HAS BEEN REPLACING THE BUSINESS NORM. THE WHOLE POINT IS SIMPLE: LET PEOPLE POSSESS NOTHING, BUT GAIN ACCESS TO EVERYTHING. THAT WAY, CORPORATIONS CAN TAKE LITTLE MONEY FROM EVERYONE'S POCKET, RATHER THAN BIG MONEY FROM MINIMUM PEOPLE. ALSO, PRODUCT PLACEMENT AND ADVERTISEMENTS TO KEEP THE MONEY CIRCLE WITHIN THEMSELVES.

2-002 THE SUBSCRIPTION MODEL SLOWLY STARTED TO GET BIGGER THAN MERELY AN ONLINE PLATFORM AND BLEED INTO REALITY. GOOD EXAMPLE WOULD BE BMW AND THEIR SUBSCRIPTION MODEL, WHERE ONE PAY FOR THE BASIC PRICE FOR THE CAR BODY BUT HAVE TO SUBSCRIBE TO ANY ADDITIONAL FUNCTION SUCH AS HEATED SEATS OR HIGH BEAM ASSISTANT, RANGING FROM 10 TO 900 EUROS PER MONTH. SPECTATORS OF SONGDO SAW AN OPPORTUNITY AND STUCK WITH IT; A CITY AS A STAGE FOR CONTENT CREATION, WHERE PEOPLE CAN SUBSCRIBE TO.

2-003

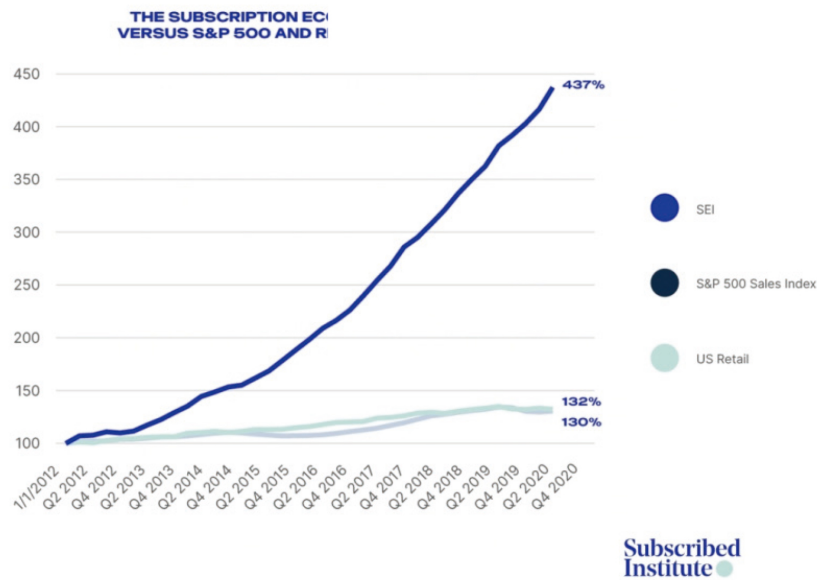
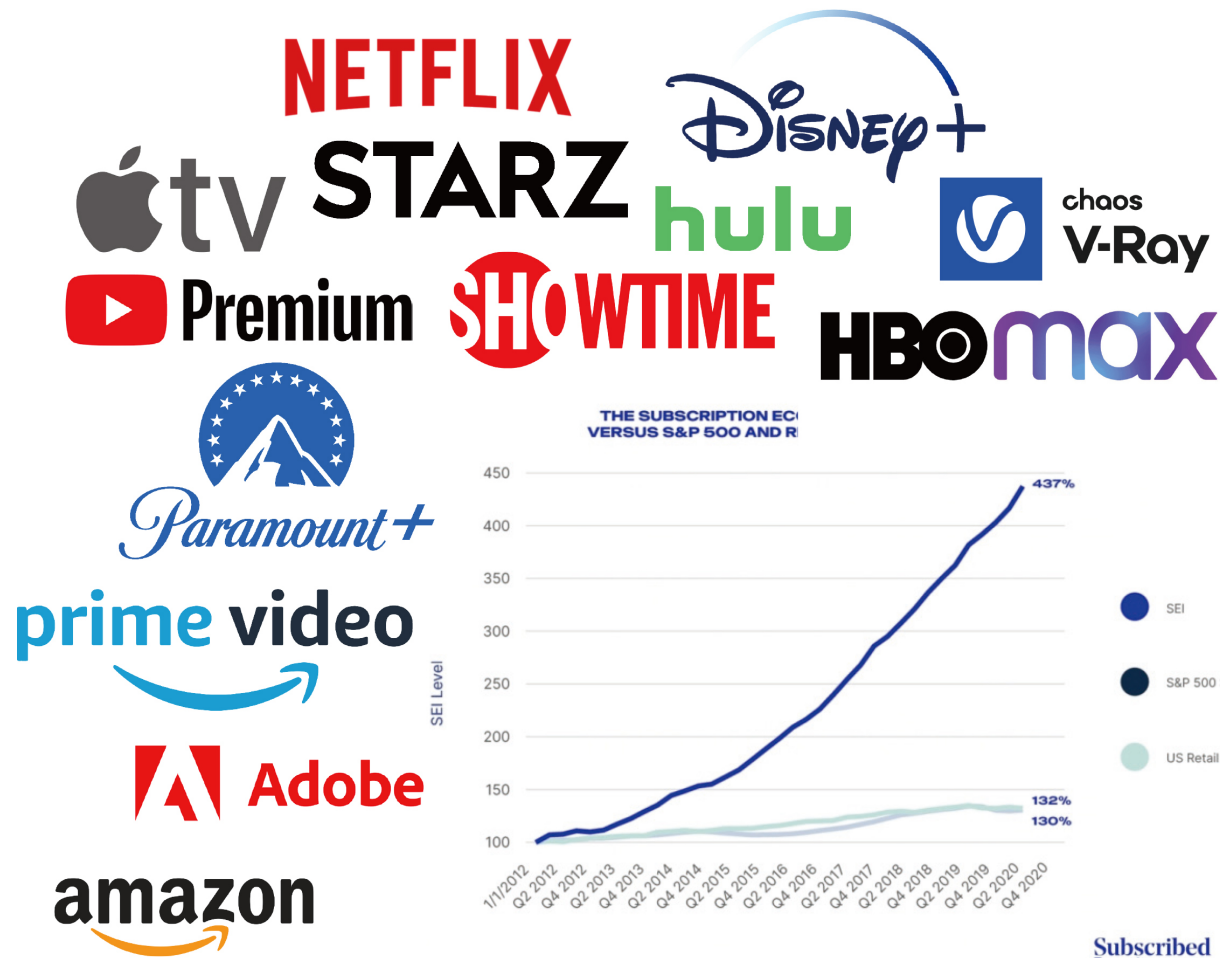
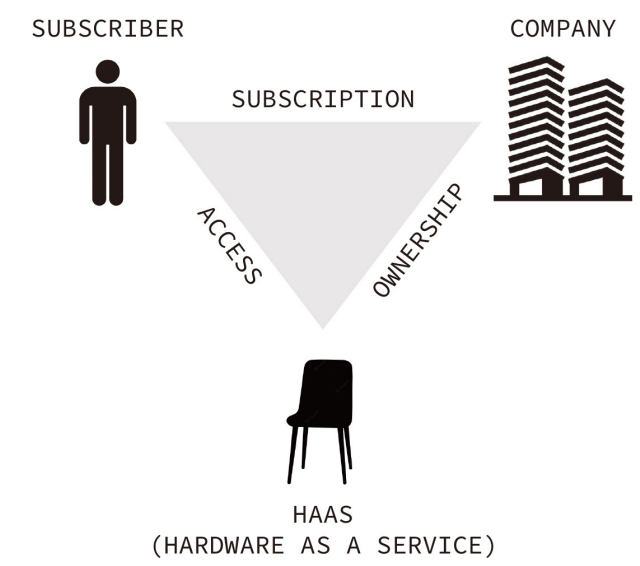
“A SMART CITY WITHOUT PEOPLE IS A DUMB CITY. YOU ARE BUILDING A SMART CITY IN THE ABSENCE OF PEOPLE, IN THE ABSENCE OF HISTORY, IN THE ABSENCE OF CULTURE. THE DEVELOPERS SAY, 'WE ARE GOING TO BUILD THIS GREAT, AMAZING CITY AND PEOPLE WILL LIVE.' AND THEY DON'T. PEOPLE WANT TO LIVE IN COMMUNITIES AND HAVE CULTURE AROUND THEM.”

-BOYD COHEN

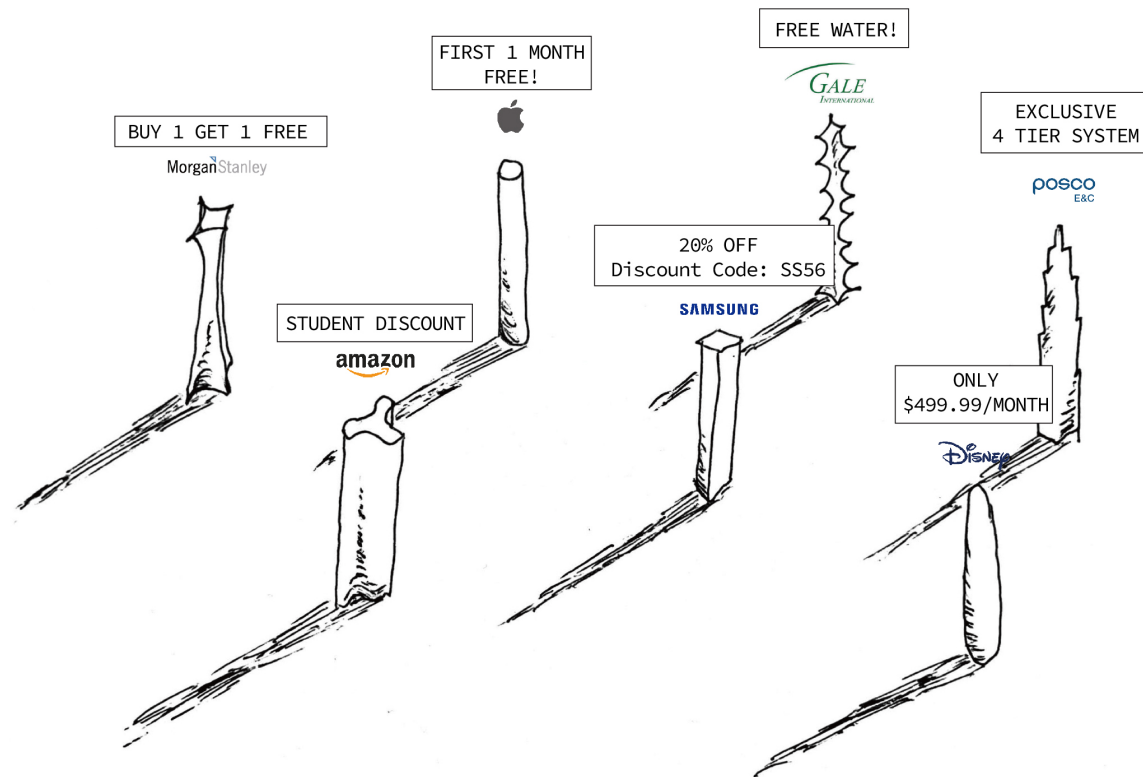
2-004

“... IN SONGDO ... CISCO INTENDS TO OFFER CITIES AS A SERVICE, BOUNDING URBAN NECESSITIES—WATER, POWER, TRAFFIC, TELEPHONE— INTO A SINGLE, INTERNET-ENABLED UTILITY, TAKING A LITTLE EXTRA OFF THE TOP OF EVERY RESIDENT'S BILL ...”

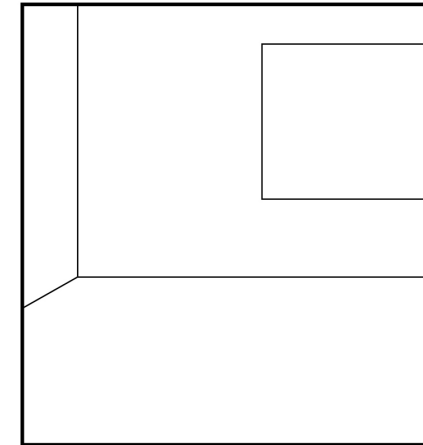
- GRAIG LINSAY

Songdo IBD
CITY AS A SERVICE



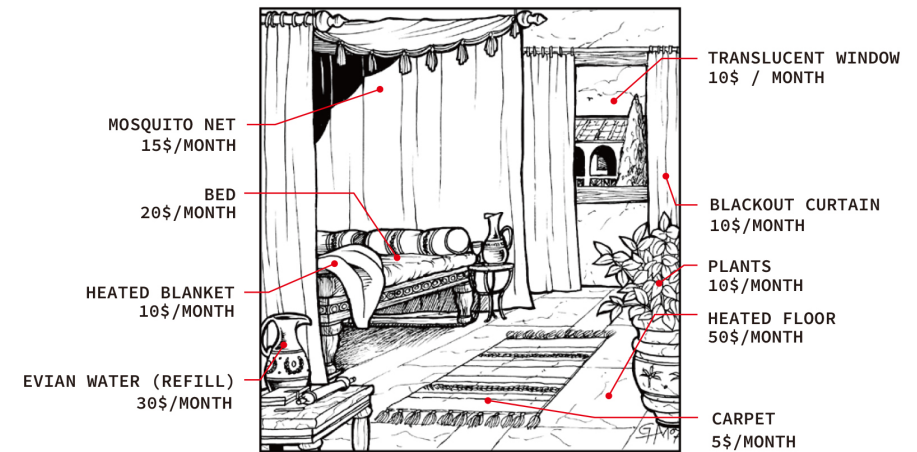
ROOM FOR SUBSCRIPTION



SUBSCRIPTION: 599.99\$/MONTH

CONTENT CREATORS: FREE

COMMODITIES FOR SUBSCRIPTION



SUBSCRIPTION: VARIABLE MONTHLY FEE

CONTENT CREATORS: FREE

SCENE_ C

2-005 AN ARCHITECT WAS HIRED AND INITIATED THE PROJECT. THE CONCEPT STARTED FROM USING EVERY BLOCK AS A SOUND STAGE FOR FILMING AND MANAGING, BUT EVENTUALLY FOLLOWING THE SACRED RULES OF LOGISTICS REQUIRED FOR FEEDING IN FRANTIC AMOUNT OF RESOURCES FOR FILMING AND ADVERTISING, BECAME A VERTICAL TOWER FORMED BY STACKING GIGANTIC SOUND STAGE BOXES. IN CORPORATIONS' DEFENSE, BOXES ARE POSSIBLE TO DISASSEMBLE FOR SUSTAINABILITY, EACH PARTS SPONSORED BY MANUFACTURING COMPANIES LURKING IN SONGDO.

2-006 THE ROAD GOT THINNER, THE FACADE GOT MORE REFLECTIVE, AND OUTSIDE THE SOUND STAGE BOXES WAS TANGLED WITH MACHINES. RESOURCES, INCLUDING PLAYERS OF THE CITY SUCH AS INFLUENCERS, OPERATORS, OR TRANSPORTERS, HAD TO BE EFFICIENTLY FEED INTO THE BOXES, SO A HIGH PERFORMANCE FREIGHT ELEVATOR WAS THE MAIN APPARATUS FOR THE SYSTEM. EACH OF THESE TOWERS WERE OWNED BY DIFFERENT COMPANIES. SOME WERE SHOCKED BY THE LACK OF HUMANISM IN IT, WHILE OTHERS CHEERED FOR TECHNOLOGICAL COLOSSUS.

2-007 BUT THE ARCHITECT WAS EAGER TO SEARCH FOR THE WAY OF LIVING WITHIN THE EXTRAVAGANZA OF IT ALL, WHICH LED TO THE DESIGN OF A HONEY BEE, A LIVABLE FREIGHT ELEVATOR AND A HIVE, A SOUND STAGE THAT IT CAN HOVER AROUND, IN COLLABORATION WITH THYSSENKRUP AND HYUNDAI ELEVATOR.



2-008

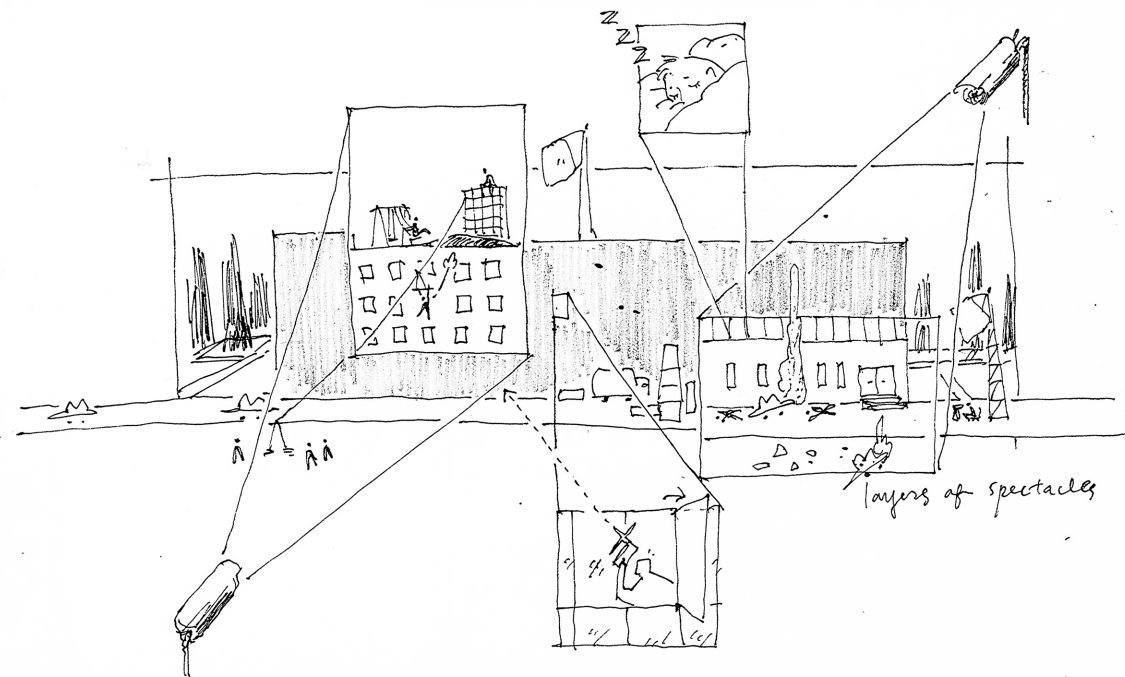
“WHEN YOU TAKE MESSY AMBIGUOUS DIMENSIONS OF HUMAN NATURE AND TRY TO FIND WAYS TO ALGORITHMICIZE THEM, THERE IS ALWAYS A FAILURE THERE, SOMETHING THAT SLIPS THROUGH THE CRACKS.”

-SHANNON MATTERN

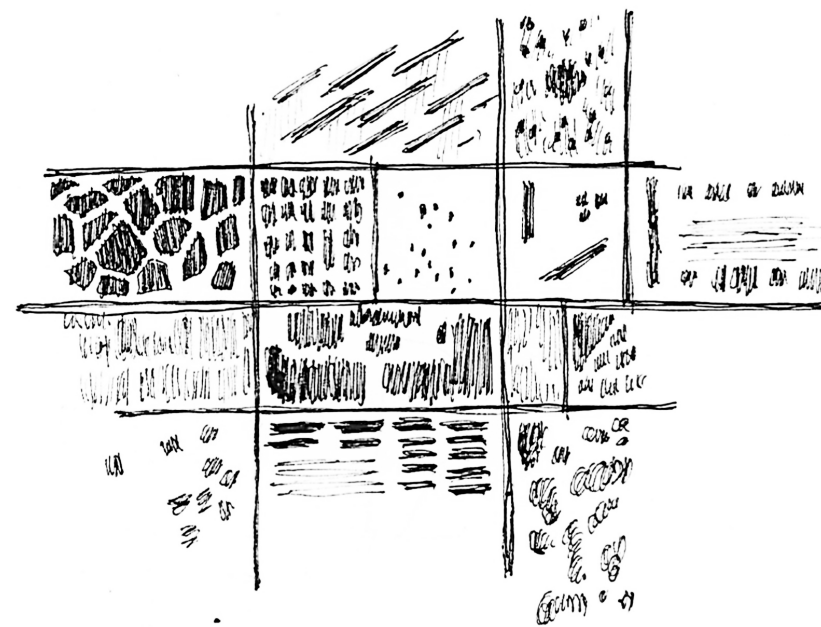
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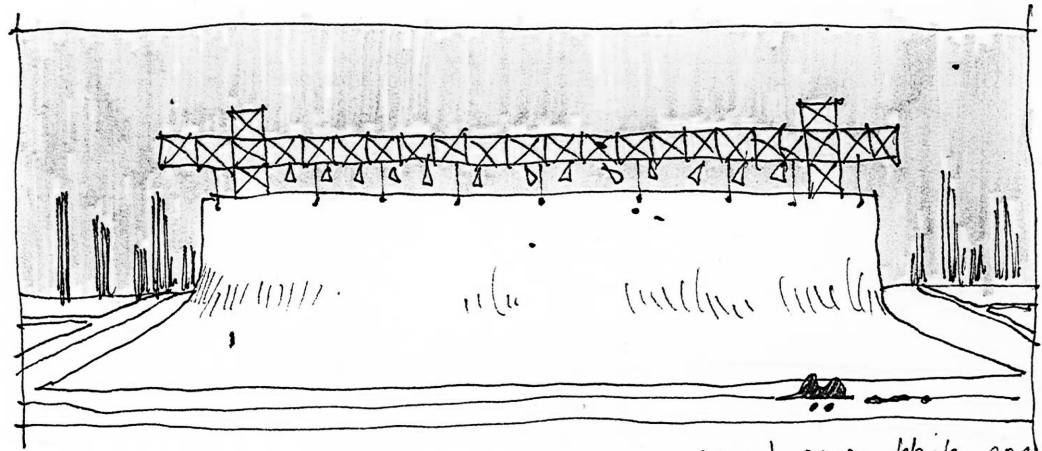




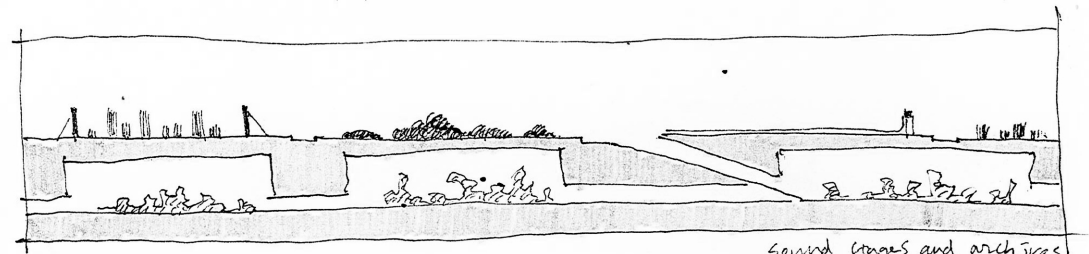
layers of spectacles



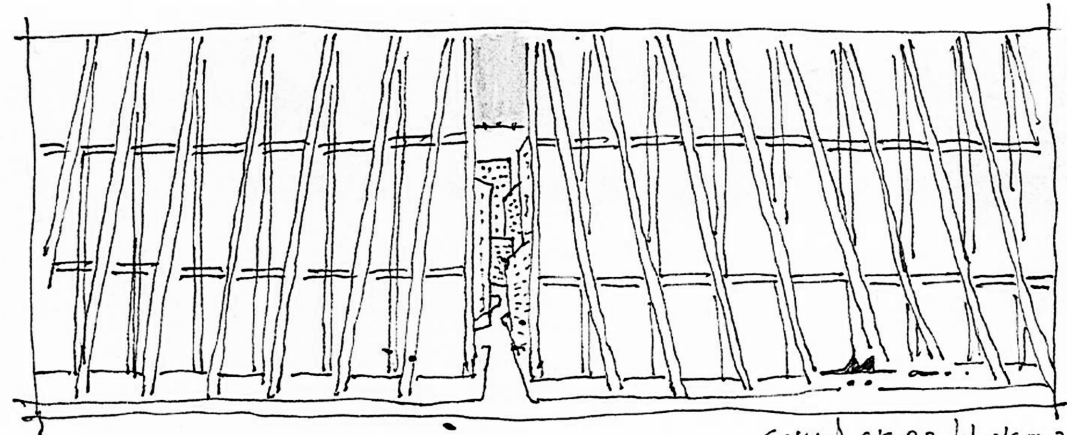
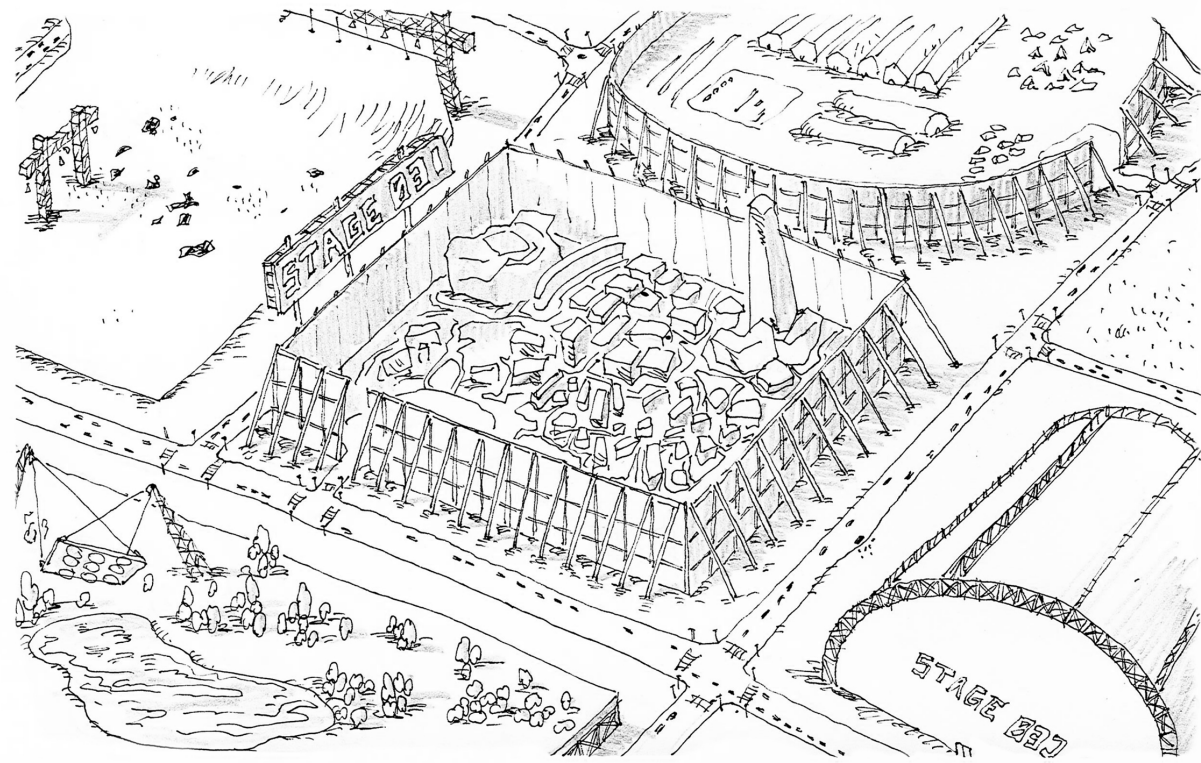
each block becomes a stage



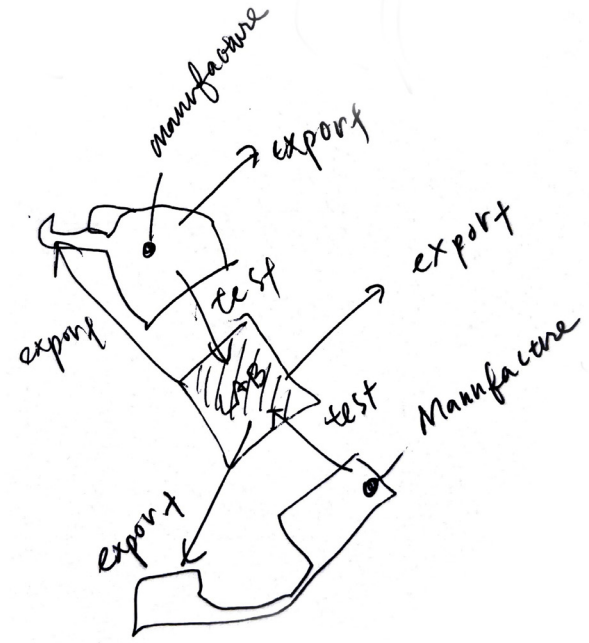
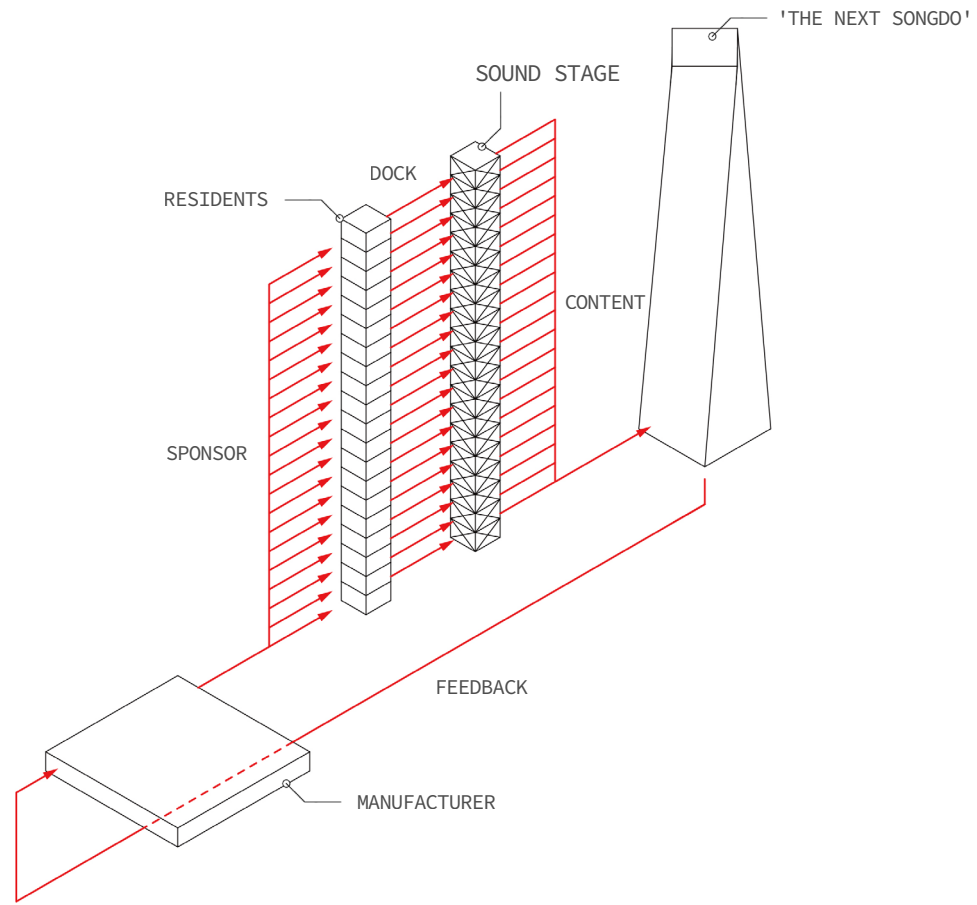
sound stage block 001.

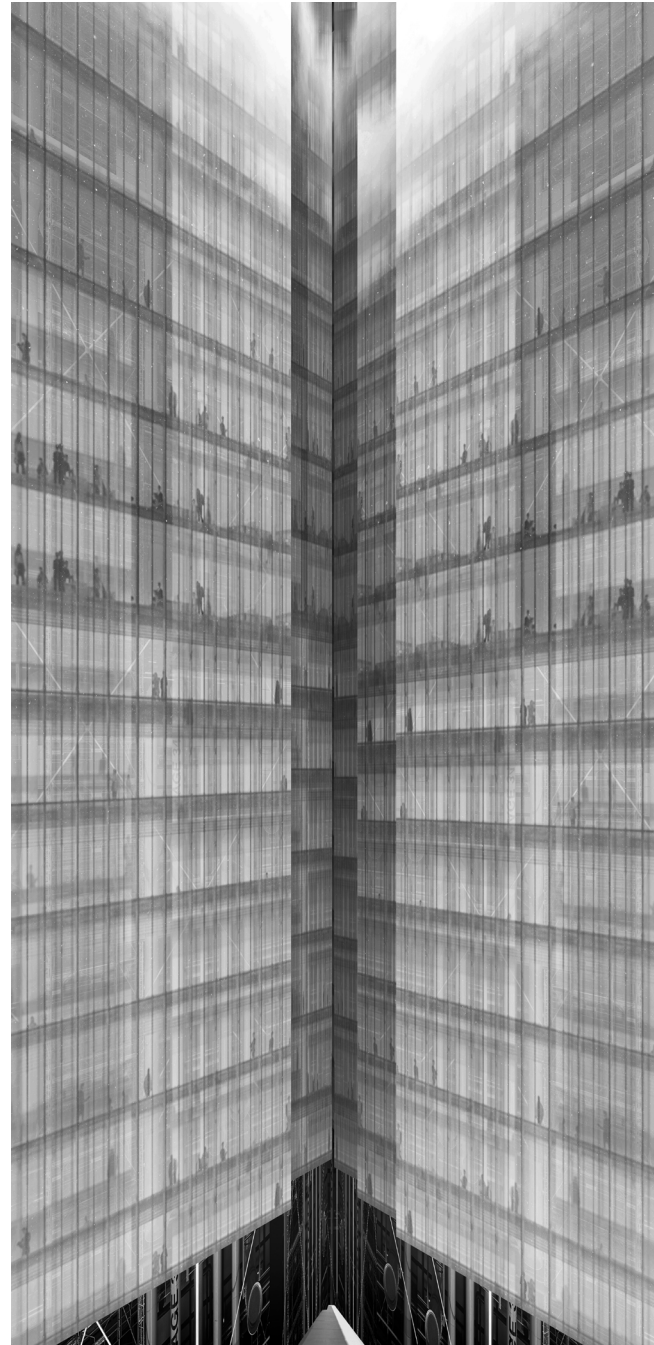


sound stages and archives.



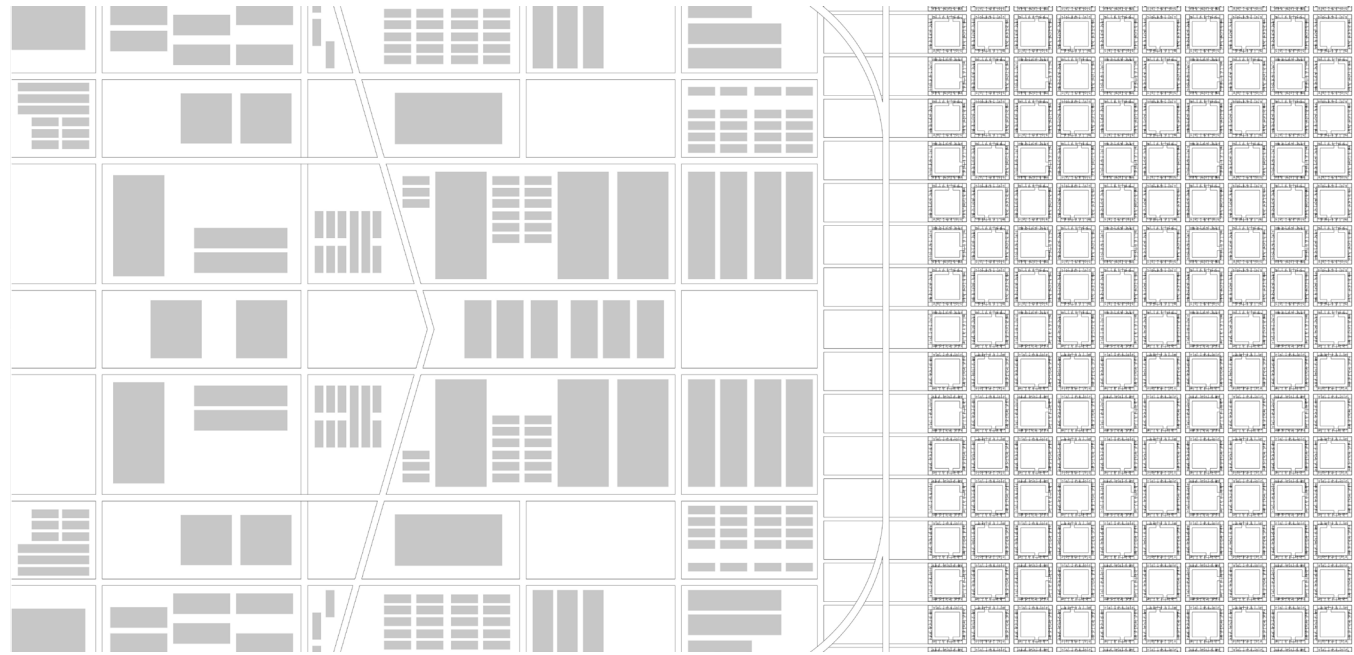
some stage block 02.



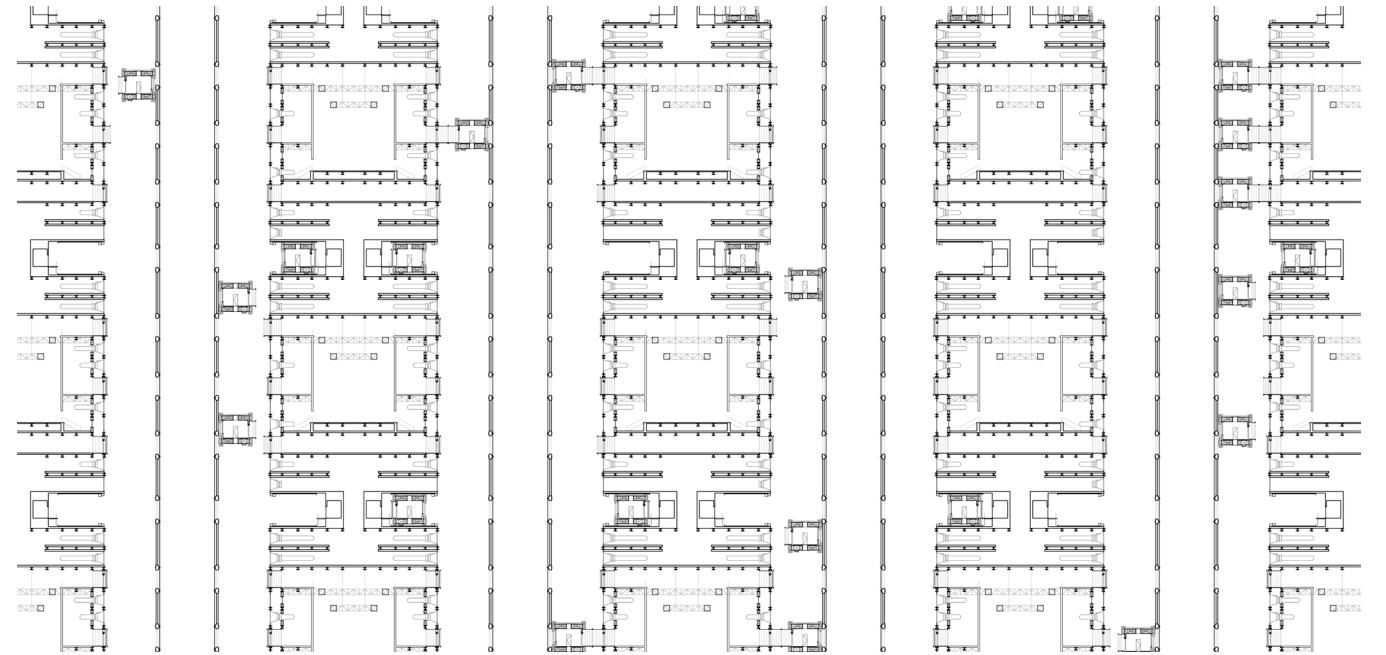




74



THE NEXT SONGDO MASTER PLAN



75

THE NEXT SONGDO MASTER SECTION



CHAPTER_ 3

BLIND SPOTS



SCENE_ D

- 3-001 "THIS SCENE HIGHLIGHTS DRAWINGS OF PATENTS THE ARCHITECT HAD TO FILE. PLEASE TAKE A CLOSE LOOK AND EXAMINE AS THE SCENE FLOWS."
- 3-002 THE 'HONEY BEE' IS A FREIGHT ELEVATOR IN THE SIZE OF 5X5X5 METER. IT IS A HIGH FUNCTIONING ROOM THAT FULLY MAINTAINS THE BEST AIR, HUMIDITY, AND TEMPARATURE NOT ONLY FOR MOVING ITEMS BUT FOR STORING THEM. IT ANCHORS ONTO THE RAILING, PIVOTING IN XYZ AXIS FOR THE BEST EFFICIENT PERFORMANCE FOR DELIVERY. WHEN ARRIVING TO THE DESIGNATED SOUND STAGE, IT EXTENDS ITS AIRTUBE AND CONNECTS, COMPLETING THE DELIVERY.
- 3-003 BUT THIS HIGH FUNCTIONING ROOM IS NOT ONLY FOR FREIGHTS IN THE NEXT SONGDO. IT IS ALSO FOR PEOPLE. PEOPLE RELATED TO SONGDO, WHOEVER IT MAY BE, CAN LIVE IN IT AS LONG AS THEY DEVOTE SOMETHING AND PLAY A ROLE FOR THE WHOLE SYSTEM. EMERGENCY EXITS ON THE CEILING, FLOOR, AND WALLS ARE ACTUALLY DESIGNED FOR A NEW HUMAN INTERACTION AND CULTURE FOR THE RESIDENTS. WHEN YOU MEET SOMEONE IN THE NEXT SONGDO, YOU CONNECT YOUR HOME.
- 3-004 BY GIVING THIS UNDER-THE-TABLE TYPOLOGY OF A 'HACKED' WAY OF USING A MACHINE, THE BIRTH OF 'CULTURE' IN THE NEXT SONGDO ARISES DUE TO THE UNBEARABLE WEIGHT OF OUR DESIRE FOR LIFE.



3-005 "THERE ARE EYES EVERYWHERE. NO BLIND SPOT LEFT. WHAT SHALL WE DREAM OF WHEN EVERYTHING BECOMES VISIBLE? WE'LL DREAM OF BEING BLIND."

-PAUL VIRILIO

3-006 "I THINK THAT MYSTERIOUS THINGS HAPPEN IN FAMILIAR PLACES. WE DON'T ALWAYS HAVE TO RUN TO THE OTHER END OF THE WORLD."

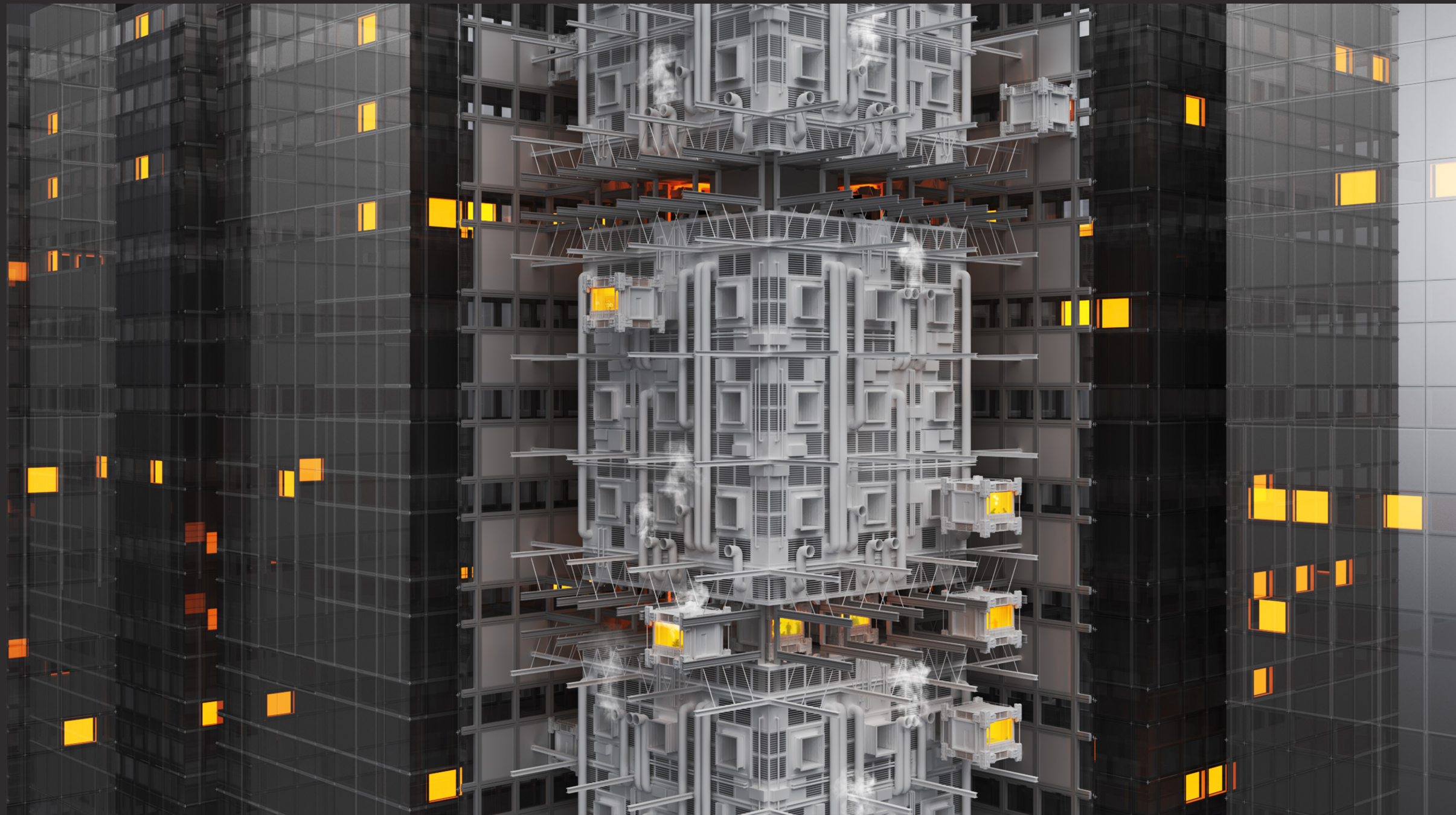
-SAUL LEITER



82

83







TITLE: DOC A-057

THE HONEY BEE

NUMBER	50,574,430
FILED	OCTOBER 9, 2031
PATENTED	DECEMBER 24, 2031

NOTE:
DURABLE FREIGHT ELEVATOR WITH ADDITIONAL FUNCTIONS DESIGNED FOR THE NEXT SONGDO.

1)
THE ELEVATOR IS DESIGNED FOR TRANSPORTING PEOPLE, PROPS, AND RESOURCES ORDERED FOR FILMING AND LIVING IN THE NEXT SONGDO, FOR EFFICIENCY.


2)
EACH ELEVATOR IS DESIGNED TO CRAWL AROUND THE VERTICAL FACTORIES OF THE NEXT SONGDO THREE-DIMENSIONALLY FOLLOWING THE XYZ AXIS, FOR EFFICIENCY.

3)
EACH ELEVATOR SHOULD BE MANUFACTURED WITH A 5X5X5 METER SCALE, FOR EFFICIENCY.

4)
EACH ELEVATOR SHOULD BE TRANSPORTED DIRECTLY FROM THE FACTORY AT THE NEXT SONGDO PORT DISTRICT TO THE DESIRED CORPORATION TOWER, BY A HAULING TRUCK DESIGNED SPECIFICALLY FOR LOADING 'THE HONEY BEE,' FOR EFFICIENCY.

5)
WHILE INSTALLING, EACH ELEVATOR SHOULD BE ANCHORED FIRMLY TO THE GUIDE RAILS. THE PROCESS SHOULD BE PERFORMED BY THE ORDER OF THE DESIGNATED ELEVATOR MECHANIC CERTIFIED WITH A LICENSE ISSUED BY THE CITY, FOR EFFICIENCY.

ARCHITECT SAN YOON

SIGNATURE:


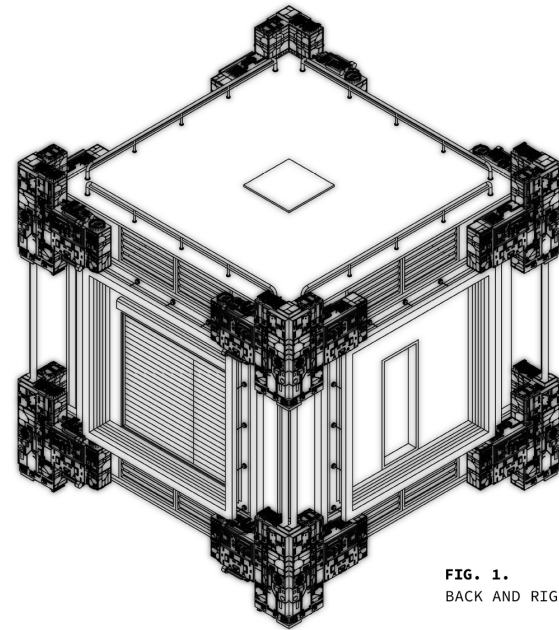


FIG. 1.
BACK AND RIGHT SIDE

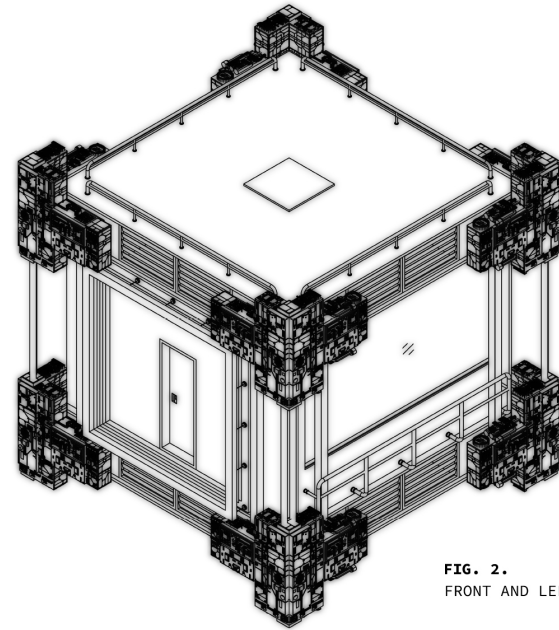
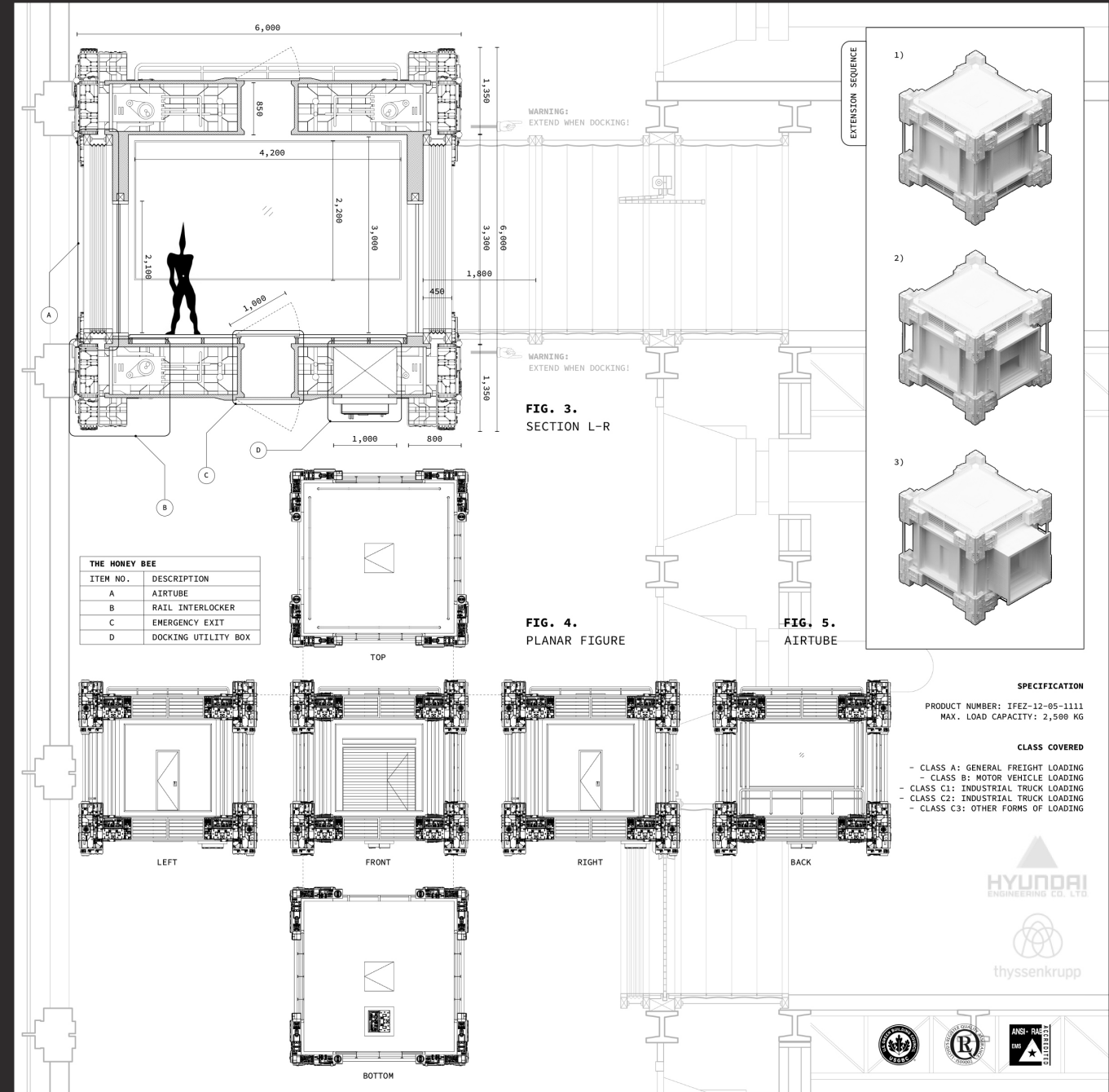


FIG. 2.
FRONT AND LEFT SIDE



TITLE:
THE HIVE

NUMBER	50,574,430
FILED	OCTOBER 9, 2031
PATENTED	DECEMBER 24, 2031

NOTE:
ASSEMBLABLE AND STACKABLE SOUND STAGE SYSTEM DESIGNED FOR THE NEXT SONGDO.

1)
THE SOUND STAGE IS DESIGNED TO BE AN ARCHITECTURAL MACHINE FOR MASS-PRODUCED FILMING. EACH STAGE CAN BE STACKED VERTICALLY AND FORM A TOWER, FOR EFFICIENCY.


2)
EACH SOUND STAGE IS DESIGNED TO BE FED WITH RESOURCES DIRECTLY FROM THE ELEVATOR THROUGH THE SKIN, FOR EFFICIENCY.

3)
EACH SOUND STAGE SHOULD BE MANUFACTURED WITH A 30X30X30 METER SCALE, FOR EFFICIENCY.

4)
EACH ELEVATOR SHOULD BE TRANSPORTED DIRECTLY FROM THE FACTORY IN THE NEXT SONGDO PORT DISTRICT TO THE DESIRED CORPORATION TOWER, BY A HAULING TRUCK DESIGNED SPECIFICALLY FOR LOADING DISASSEMBLED PARTS OF 'THE HIVE,' FOR EFFICIENCY.

5)
WHILE INSTALLING, EACH SOUND STAGE SHOULD BE ASSEMBLED ACCORDINGLY, MANAGED BY THE ORDER OF THE DESIGNATED STAGE OPERATOR CERTIFIED WITH A LICENSE BY THE CITY, FOR EFFICIENCY.

ARCHITECT SAN YOON

SIGNATURE:


DOC E-041

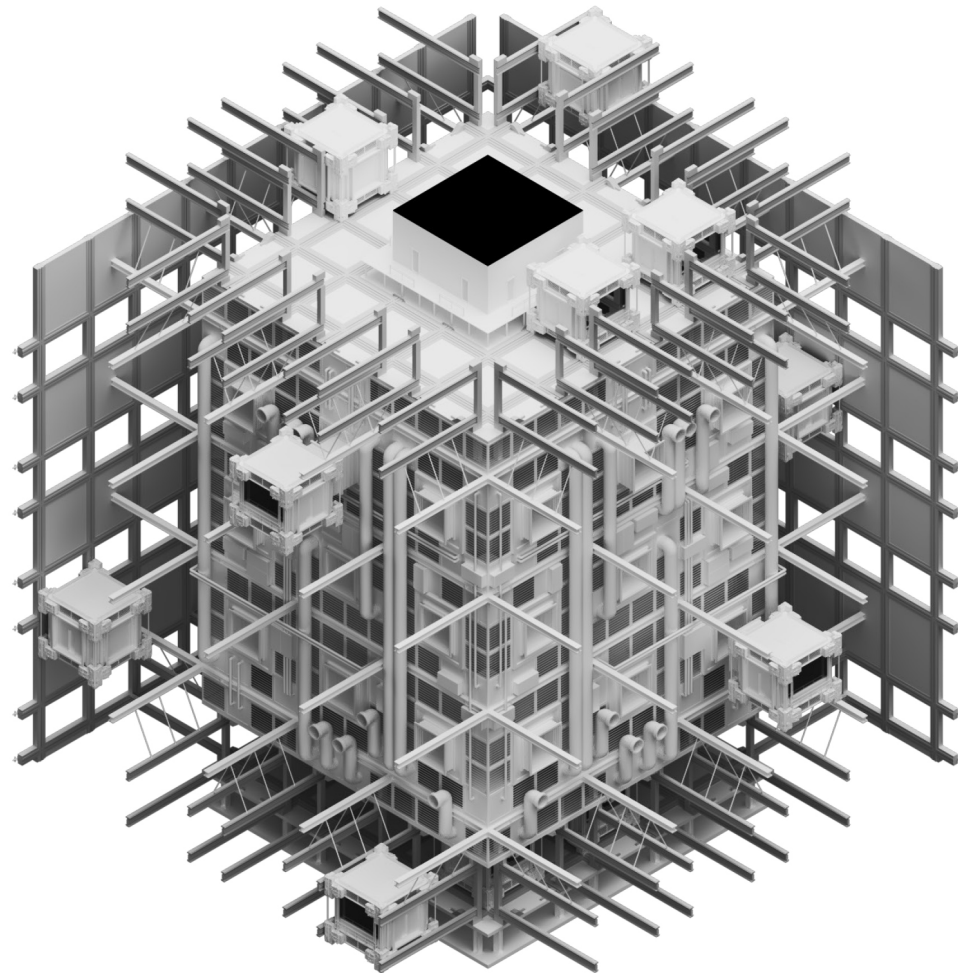
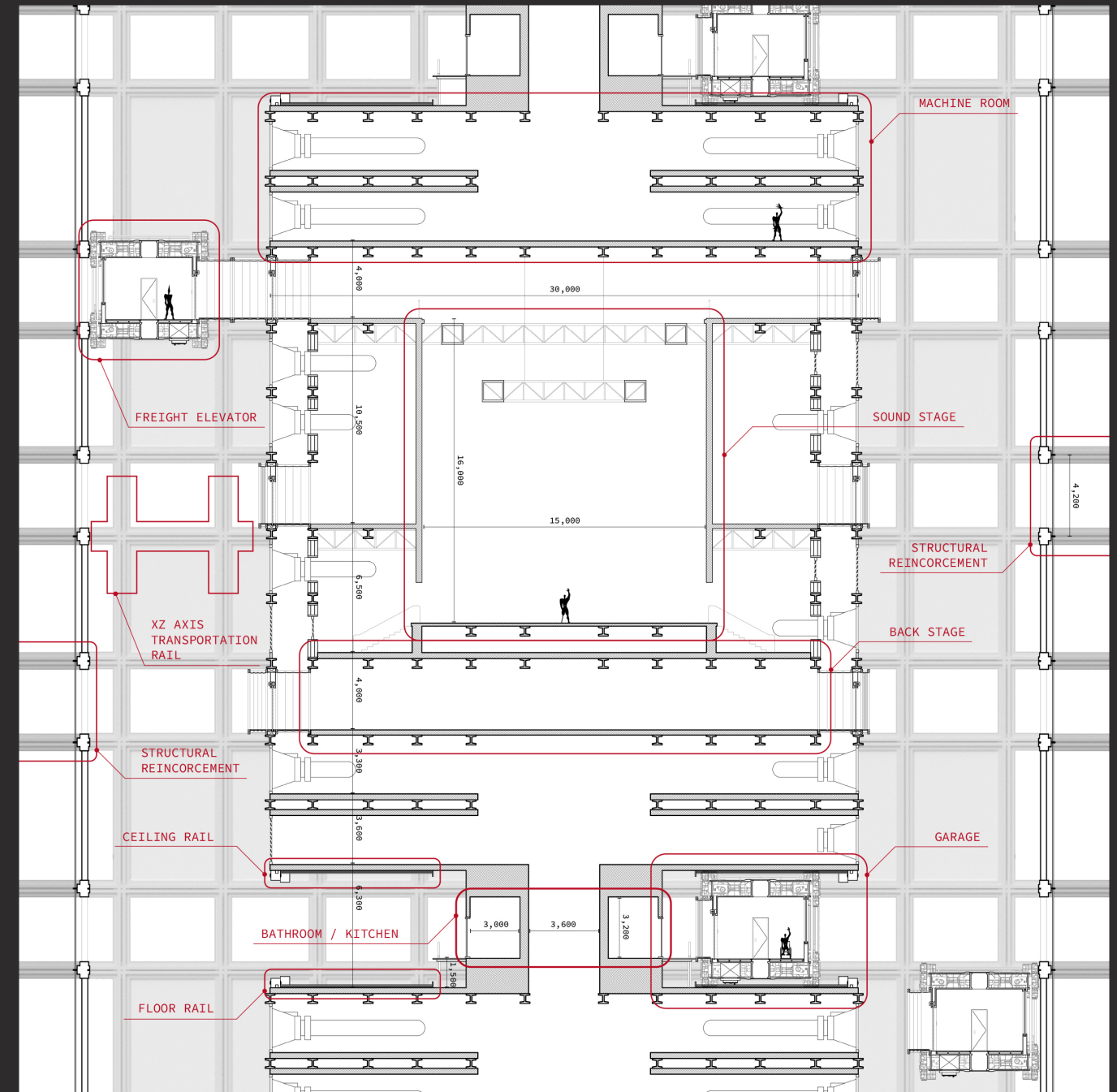
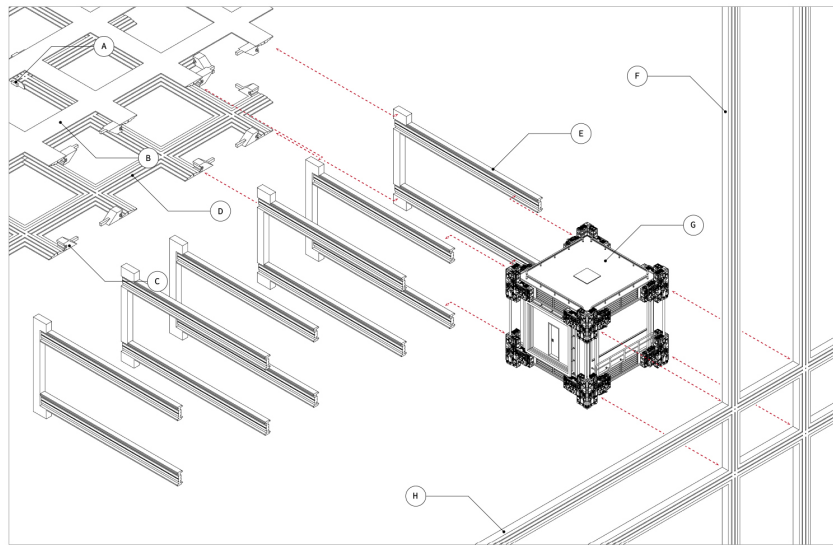


FIG. 1.
STAGE MODULE

* FACADE PARTIALLY OMITTED

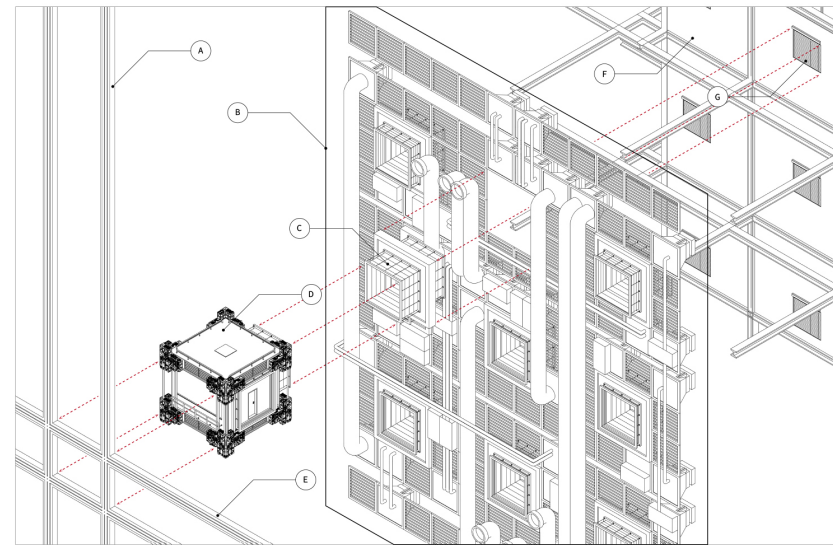




GARAGE DOCKING SYSTEM	
ITEM NO.	DESCRIPTION
A	STOPPER
B	CEILING RAIL
C	DOCKING PRESS
D	FLOOR RAIL
E	Y AXIS TRANSPORTATION RAIL
F	Z AXIS TRANSPORTATION RAIL
G	THE HONEY BEE
H	X AXIS TRANSPORTATION RAIL

NOTE:

- RED DASHED LINE FOR ANCHORING GUIDE.
- THE GARAGE IS SPECIFICALLY DESIGNED FOR PARKING THE ELEVATORS.
- MAXIMUM 8 PARKING SPOT AVAILABLE PER GARAGE.

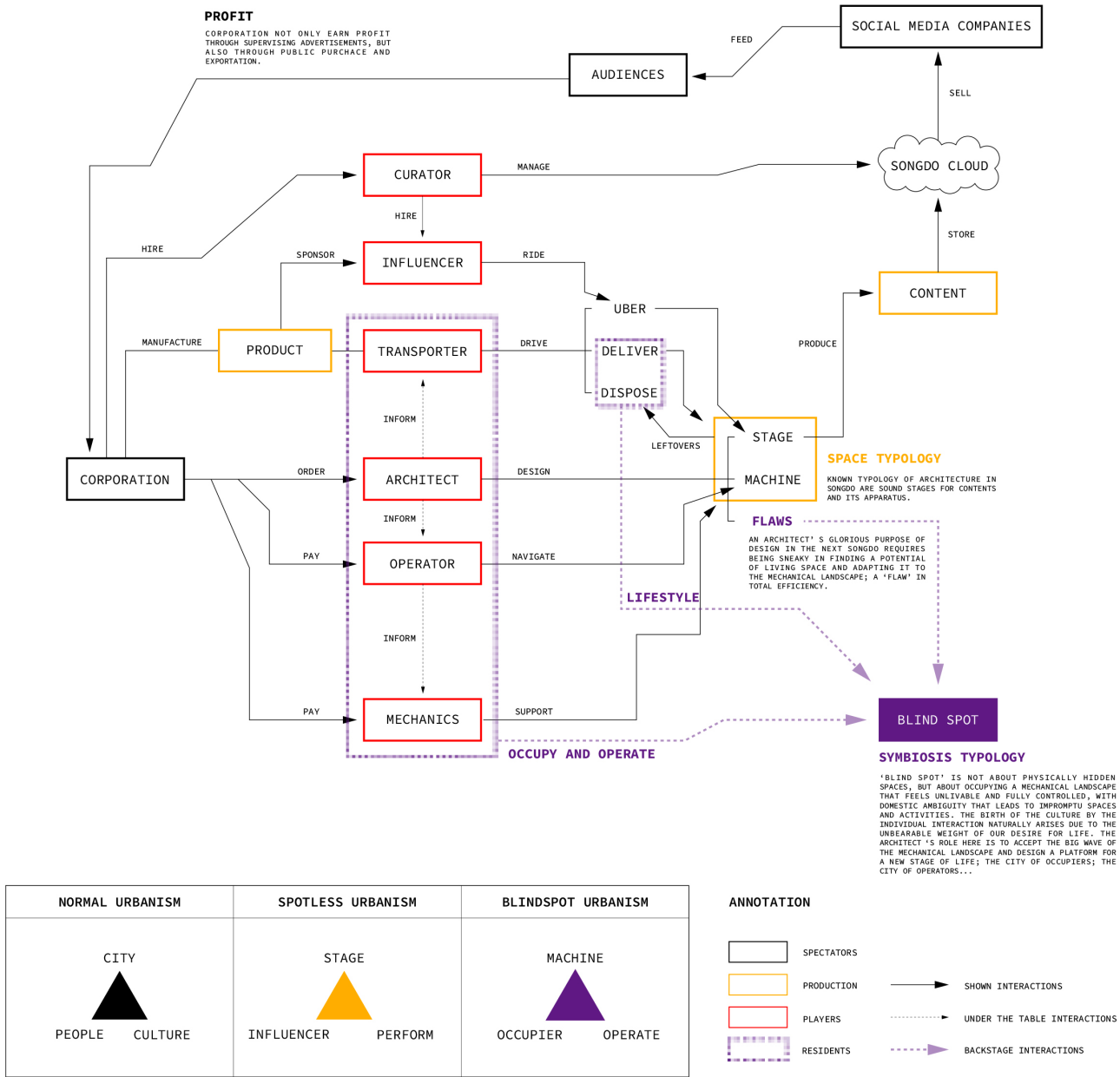


STAGE DOCKING SYSTEM	
ITEM NO.	DESCRIPTION
A	Z AXIS TRANSPORTATION RAIL
B	MACHANICAL FACADE
C	AIRTUBE
D	THE HONEY BEE
E	X AXIS TRANSPORTATION RAI
F	SOUND STAGE
G	TILT-UP DOOR

NOTE:

- RED DASHED LINE FOR ANCHORING GUIDE.
- WHEN DOCKING, AIRTUBES FROM BOTH THE ELEVATOR AND THE STAGE EXTEND AND ANCHOR TO EACH OTHER.

CASTING SYSTEM MAP OF THE NEXT SONGDO



FINALE

HOPE / LIFE



SCENE_ ENDING

----- ARCHITECT'S ROLE FOR THE UPCOMING ERA IS TO UNDERSTAND THE BIG WAVE OF THE TECHNOLOGY MOVING FORWARD AND THE APPARATUS THAT MAKES IT POSSIBLE, AS THESE ARE CLOSELY CONNECTED TO THE ARCHITECTURE ITSELF. WITHIN THIS NOTION, ARCHITECTURE DESIGN IS ABOUT PROVIDING A PLATFORM FOR A NEW STAGE OF LIFE IN A NEW LANDSCAPE. IT IS ALWAYS ABOUT THE POTENTIAL OF 'HOPE' ANY ARCHITECTS SHOULD BEAR WITHIN THEMSELVES, EVEN WITH THE CYBERNETIC ARCHITECTURE THAT IS LOOMING TO FACE US FROM A CLOSE DISTANCE. TO DO SO, WE HAVE TO LOOK CLOSELY, AS WE SHOULD UNDERSTAND THE MACHINE IN SEARCH FOR LIFE.

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99

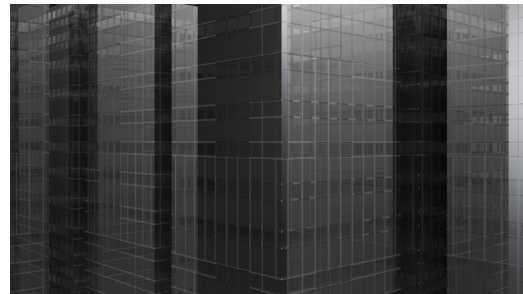
'LIFE IS MORE IMPORTANT THAN ART. THAT IS WHY ART IS IMPORTANT.'

- JAMES BALDWIN

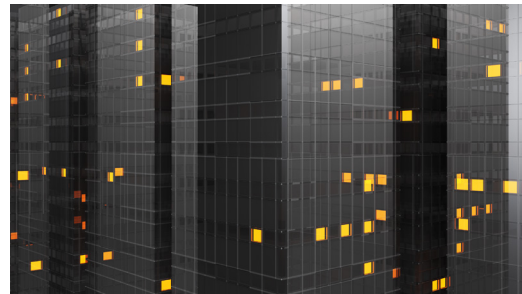




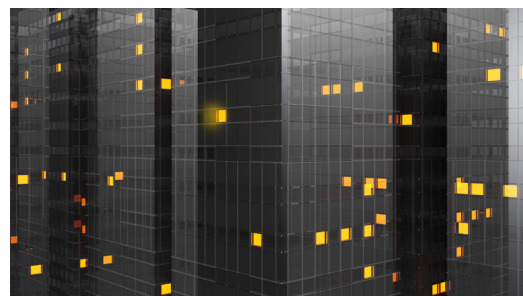
FILM: HONEY BEE'S SPECIAL DAY_



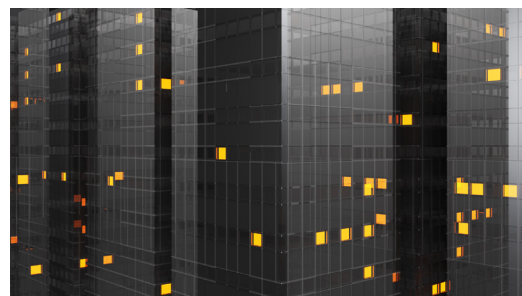
S-00



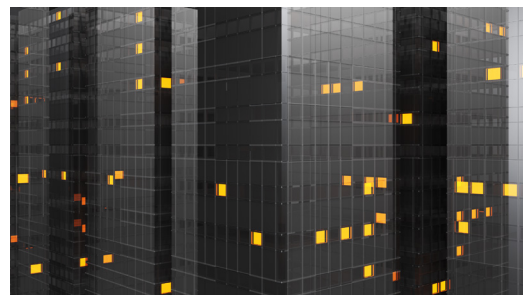
S-01



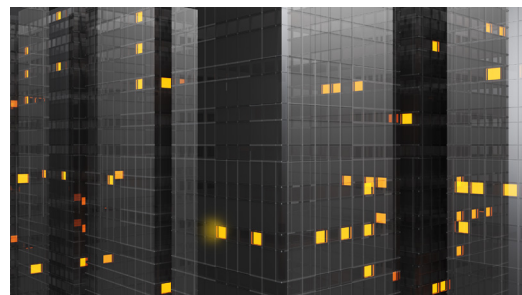
S-02



S-03



S-04



S-05

S-00 (AMBIENT EMPTY CITY SOUND)

S-01 (MULTIPLE IPHONE ALARM SOUND)
07:00 AM

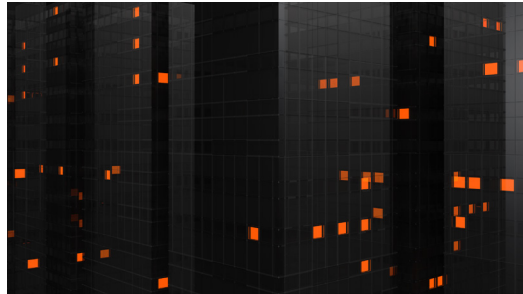
S-02 (DELAYED ALARM SOUND)
07:30 AM
PLAYER 1: OH NO, I AM LATE!

S-03 (ELEVATOR SOUND.. THE LOOMING LIGHT GOES DOWN)

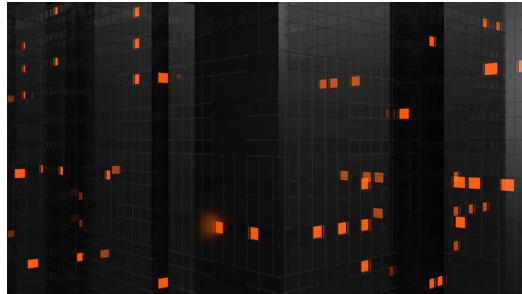
S-04 (CONTINUES)

S-05 (ELEVATOR STOPS)
07:35 AM
PLAYER 1: PHEW..! NOT TOO LATE.
LET ME GRAB A COOKIE... (CRUNCH)
OKAY... ANOTHER DAY, ANOTHER WORK!

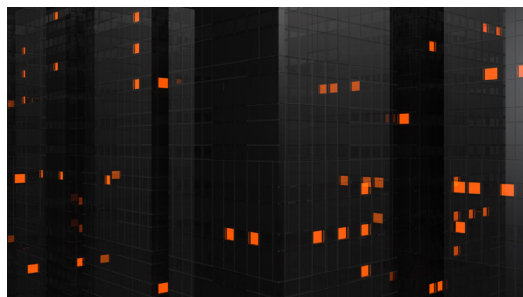




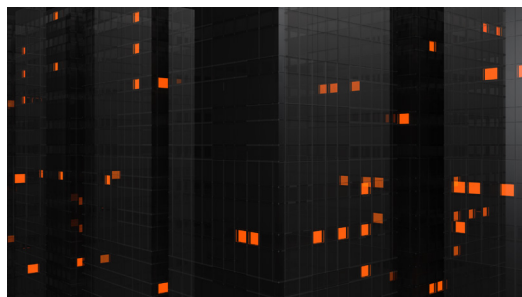
S-06



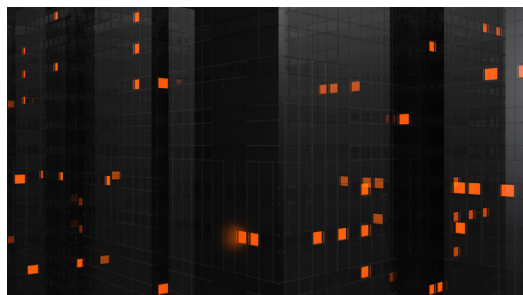
S-07



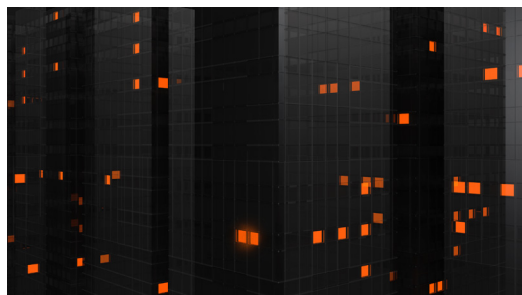
S-08



S-09



S-10



S-11

S-06 (CITYSCAPE GOES DARK, SOUND GOES QUIET)

S-07 (LIGHT TURNS ON)

05:30 PM

PLAYER 1: WHAT A DAY.

TIME TO GO HOME AND WATCH SOME
VIDEOS.

WOULD BE SO COOL IF MY STAGE WAS
ABOUT DOG VIDEOS.

S-08 (ELEVATOR MOVES HORIZONTALLY)

S-09 (ELEVATOR BONKS)

S-10 PLAYER 1: OOPS..! SO SORRY

S-11 PLAYER 2: OH NO PROBLEM

PLAYER 1: HA HA

PLAYER 2: HA HA

PLAYER 1: MY ROOM WAS SUPPOSED TO GO UP.
I DON'T KNOW WHAT HAPPENED.

PLAYER 2: IT'S COOL.

MY ROOM MALFUNCTIONS FROM TIME TO
TIME.

PLAYER 1: NOW I AM STUCK HERE CAUSE OF
TRAFFIC.

PLAYER 2: TODAY WAS MY DAY OFF.

SO I WAS ABLE TO SECURE THIS SPOT.

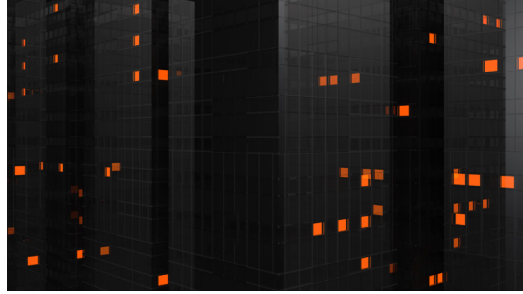
PLAYER 1: THAT SOUNDS NICE.

I ONLY HAD ONE COOKIE TODAY.

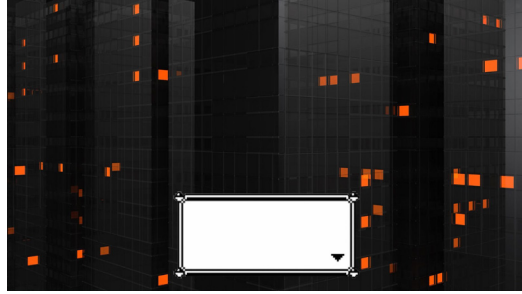
PLAYER 2: I HAVE SOME KIMCHI FRIED RICE.

THE NEW GALE INT. MEAL SUBSCRIPTION
IS PRETTY GOOD.

YOU WANNA CONNECT AND SHARE?



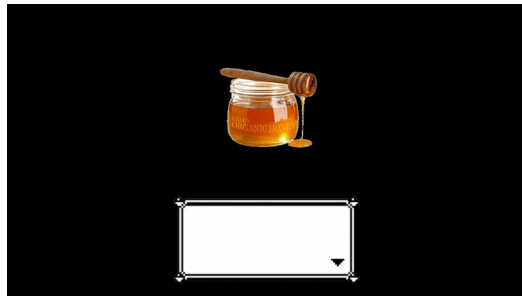
S-12



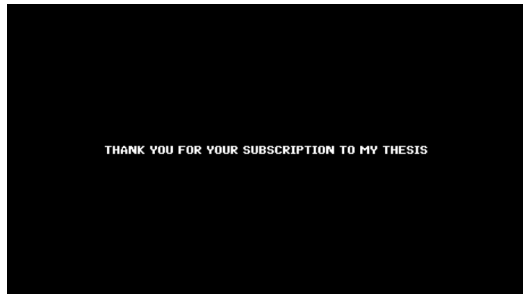
S-13



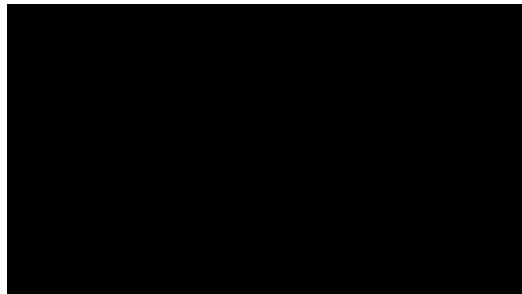
S-14



S-15



S-16



S-17

PLAYER 1: (BLUSH)
UH, SURE! I WOULD LOVE THAT.
PLAYER 2: OKAY, COME ON OVER!

S-12 (LIGHT TURNS OFF)

S-13 (MUSIC PLAYING, 'SUSPICIOUS MINDS' BY ELVIS PRESLEY)
NARRATION: NOW I REALIZE...
LIFE CAN BE SWEETER THAN THE VIDEO.

S-14 (BACKGROUND BLACKS OUT)

S-15 (GALE'S ORGANIC HONEY LOGO SHOWS UP)
NARRATION: ...LIKE ORGANIC HONEY BY GALE INTERNATIONAL!
ONLY 9.99\$ A JAR FOR A MONTHLY SUBSCRIPTION!
SIGN UP NOW FOR A 10% DISCOUNT.

S-16 (THANK YOU FOR YOUR SUBSCRIPTION TO MY THESIS)

S-17 FIN.

END-CREDIT

BIBLIO
GRAPHY

PUBLICATIONS

- 001 REINER DE GRAFF **FOUR WALLS AND A ROOF**
HARVARD UNIVERSITY PRESS_ 2017
- 002 FRANK TRENTMANN **EMPIRE OF THINGS** HARPER
COLLINS PUBLISHRES_ 2016
- 003 BEN GREEN **THE SMART ENOUGH CITY: PUTTING
TECHNOLOGY IN ITS PLACE TO RECLIAM OUR URBAN
FUTURE** MIT PRESS_ 2019
- 004 RAVI SUNDARAM **PIRATE MOVERNITY** TAYLOR &
FRANCIS_ 2009
- 108 005 HELGE MOOSHAMMER + PETER MOERTENBOECK
PLATFORM URBANISM AND ITS DISCONTENTS NAI010
PUBLISHERS_ 2021
- 006 JOHN R. LOGAN **BEYOND CITY LIMITS** TEMPLE
UNIVERSITY PRESS_ 2009
- 007 ANTHONY M. TOWNSEND **SMART CITIES: BIG DATA,
CIVIS HACKERS, AND THE QUEST FOR A NEW UTOPIA**
W. W. NORTON_ 2013
- 008 ANTHONY M. TOWNSEND **INFORMATION TECHNOLOGY
AND THE WORLD OF WORK** TAYLOR & FRANCIS_ 2017
- 009 ANTHONY M. TOWNSEND **GHOST ROAD: BEYOND THE
DRIVERLESS CAR** W. W. NORTON_ 2020
- 010 ANTHONY DUNNE + FIONA RABY **SPECULATIVE
EVERYTHING** MIT PRESS_ 2013

- 011 COLIN ROWE + FRED KOETTER **COLLAGE CITY** MIT
PRESS_ 1984
- 012 JOHN DE GRAFF + DAVID WANN + THOMAS H. NAYLOR
AFFLUENZA BERRETT-KOEHLER PUBLISHERES_ 2014
- 013 GERDA ROELVINK + KEVIN ST. MARTIN + J. K.
GIBSON-GRAHAM **MAKING OTHER WORLDS POSSIBLE**
UNIVERSITY OF MINNESOTA PRESS_ 2015
- 014 NATHAN JURGENSON **THE SOCIAL PHOTO: ON
PHOTOGRAPHY AND SOCIAL MEDIA** VERSO_ 2019
- 015 GUY DEBORD **THE SOCIETY OF THE SPECTACLE** 1967
- 016 SHANNON MATTERN **A CITY IS NOT A COMPUTER**
PRINCETON UNIVERSITY PRESS_ 2021
- 017 REM KOOLHAAS **DELIRIOUS NEW YORK** MONACELLI
PRESS_ 2014
- 018 SVETLANA BOYM **THE OFF-MODERN** BLOOMSBURY
PUBLISHING_ 2017
- 019 KEN KNABB **SITUATIONIST INTERNATIONAL
ANTHOLOGY** BUREAU OF PUBLIC SECRETS_ 1981
- 020 ZYGMUNT BAUMAN **LIQUID MODERNITY** POLITY
PRESS_ 2013
- 021 JESPER JUUL **THE ART OF FAILURE** MIT PRESS_
2013
- 109

FILMS + SHOWS

- 022 RIDLEY SCOTT **BLADE RUNNER** 1982
023 DENIS VILLENEUVE **BLADE RUNNER 2049** 2017
024 SPIKE JONZE **HER** 2013
025 MIKE JUDGE **IDIOCRACY** 2006
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028 CHARLTON BROOKER **BLACK MIRROR** 2011
029 LUCAS FILM **ANDOR** 2022
030 UNICORN STENCIL DOC FILMS **THE EXPERIMENTAL CITY** 2019

110

REFERENCED WORKS

- 031 IGNACIO G. GALAN **AFTER BELONGING: IN RESIDENCE** 2016
032 REINER DE GRAFF **PHANTOM URBANISM** GSD_ 2018
033 ANDREAS GURSKY **ANDREAS GURSKY** MOMA_ 2002
034 ALEX LEHNERER **THE WESTERN TOWN** 2013
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036 CEDRIC PRICE **GENERATOR PROJECT** 1978-1980
037 CEDRIC PRICE **POTTERIES THINKBELT PROJECT** 1964-1966
038 PHILIP SCHAEERER **BILDBAUTEN** 2007
039 GILLES DELEUZE **POSTSCRIPT ON THE SOCIETIES OF CONTROL** 1990
040 SYD MEAD **FUTURE CITIES** 2020
041 RICHARD MCGUIRE **HERE** 2014
042 LIAM YOUNG **PLANET CITY** 2021
043 BARBARA PROBST **EXPOSURE #116** 2015
044 SAUL LEITER **THROUGH BOARDS** 1957
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ARTICLES

- 046 ANNA EIREINER PROMISES OF URBANISM: NEW SONGDO CITY AND THE POWER OF INFRASTRUCTURE 2021
- 047 JIM ROBBINS WHY THE LUSTER ON ONCE-VAUNTED 'SMART CITIES' IS FADING YALE UNIVERSITY_ 2021
- 048 KALEY OVERSTREET BUILDING CITY FROM SCRATCH: THE STORY OF SONGDO, KOREA ARCHDAILY_ 2021
- 049 PARAG KHANNA BEYOND CITY LIMITS FOREIGN PRESS_ 2010
- 112 050 GREG LINDSAY CISCO'S BIG BET ON NEW SONGDO: CREATING CITIES FROM SCRATCH FAST COMPANY_ 2010
- 051 JAMES VINCENT BMW STARTS SELLING HEATED SEAT SUBSCRIPTIONS FOR \$18 A MONTH THE VERGE_ 2022
- 052 EVAN SELINGER Q&A: WHAT'S DUMB ABOUT SMART CITIES BOSTON GLOBE_ 2021
- 053 JEREMY HEIMANS + HENRY TIMMS UNDERSTANDING "NEW POWER" HARVARD BUSINESS REVIEW_ 2014
- 054 JOHN CAULFIELD HOLLYWOOD IS NOW THE STREAM FACTORY BDC NETWORK_ 2022

- 055 JENNA DREten + MIKOLAJ JAN PISKORSKI INFLUENCER CELEBRIFICATION: HOW SOCIAL MEDIA INFLUENCERS ACQUIRE CELEBRITY CAPITAL TAYLOR & FRANCIS_ 2021
- 056 THEO MACKEY POLLACK NO, EDWARD HOPPER DID NOT HATE THE CITY FRONTIERE_ 2018
- 057 LIZ STINSON THE SIDEWAYS ELEVATOR OF THE FUTURE IS HERE, AND IT'S WILD WIRED_ 2017
- 058 CHRISTOPHER ALESSI THYSSENKRUPP REIMAGINES THE ELEVATOR AS A HYPERLOOP FOR BUILDINGS THE WALL STREET JOURNAL_ 2016

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POST-CREDIT

A LETTER



ACKNOWLEDGEMENT

NOTE

'BLIND SPOTS OF A SPOTLESS CITY' IS DEVOTED TO ALL THE PEOPLE WHOM I OWE LOVE AND APPRECIATION TO, THROUGHOUT MY 3.5 YEARS OF LIFE AT CORNELL. WHO WOULD HAVE THOUGHT... APPROXIMATELY 1/30 OF THE LIFE EXPECTANCY OF OUR GENERATION! I HOPE TO SPEND MUCH MORE TIME WITH YOU ALL, BOTH DAILY AND BY COINCIDENTAL ENCOUNTERS, FOR THE REMAINING 21/30. MEANWHILE, HAVE THE BEST DAY WITH BEST FOOD, ALWAYS.

"IN CASE I DON'T SEE YA, GOOD AFTERNOON, GOOD EVENING AND GOOD NIGHT."

-TRUMAN SHOW

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