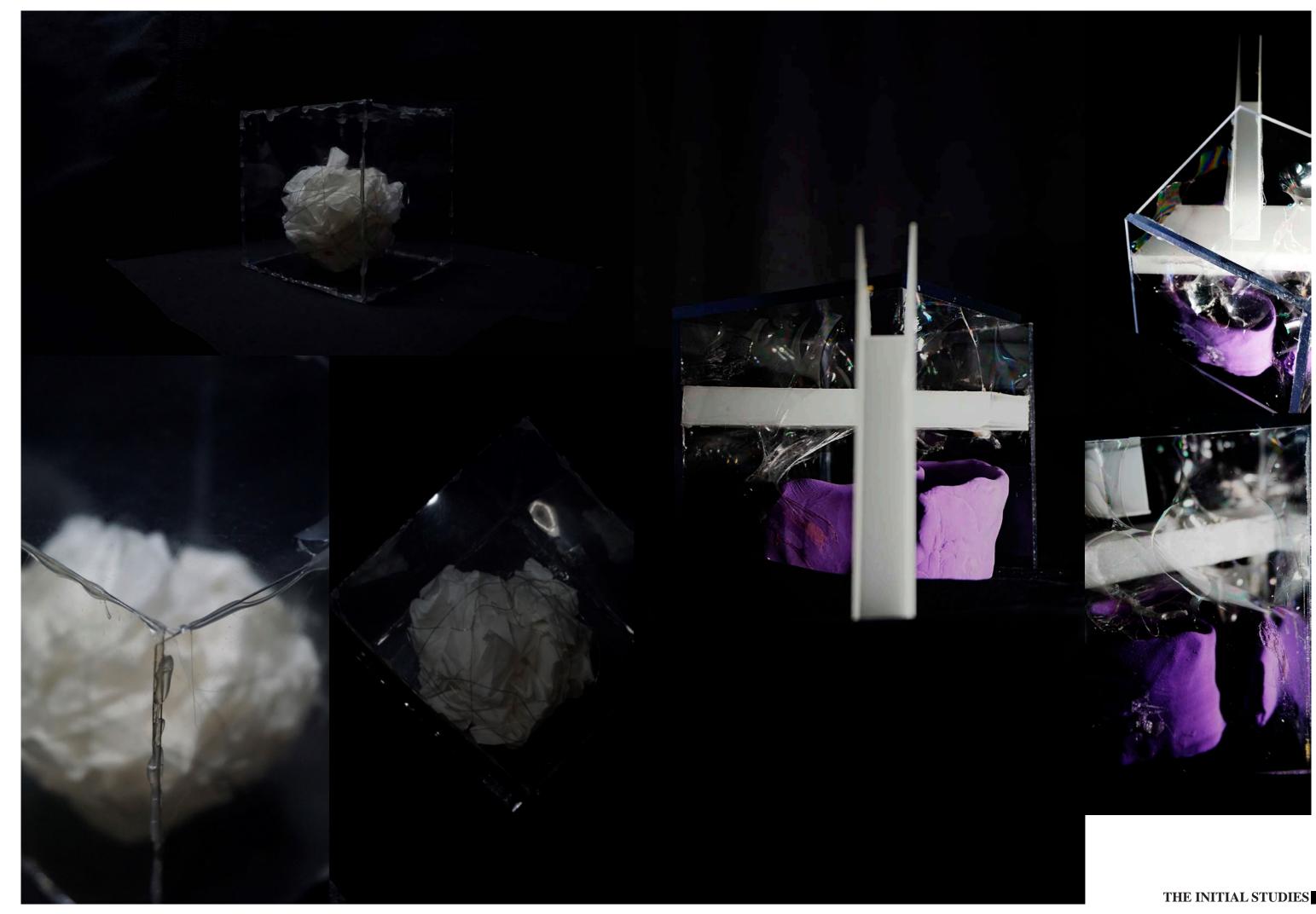


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DOES ARCHITECTURE HAVE SPONTANIETY? **COULD ARCHITECTURE BE PHASING IN PERIODICALLY? IS ARCHITECTURE JUST A CONTAINER OF ACTIVITIES?**



DOES ARCHITECTURE HAVE SPONTANIETY? **COULD ARCHITECTURE BE** A CLOCKWORK HOUSE I, ME, MYSELF 2021 SIMMED **CONTAINER OF ACTIV**





Mr. O is a paranoia who wants everything to be under control. He lives in a house called "clockwork house" which rotates according to time and his peculiar habits. He's too lazy that he wants to lie down at any time.

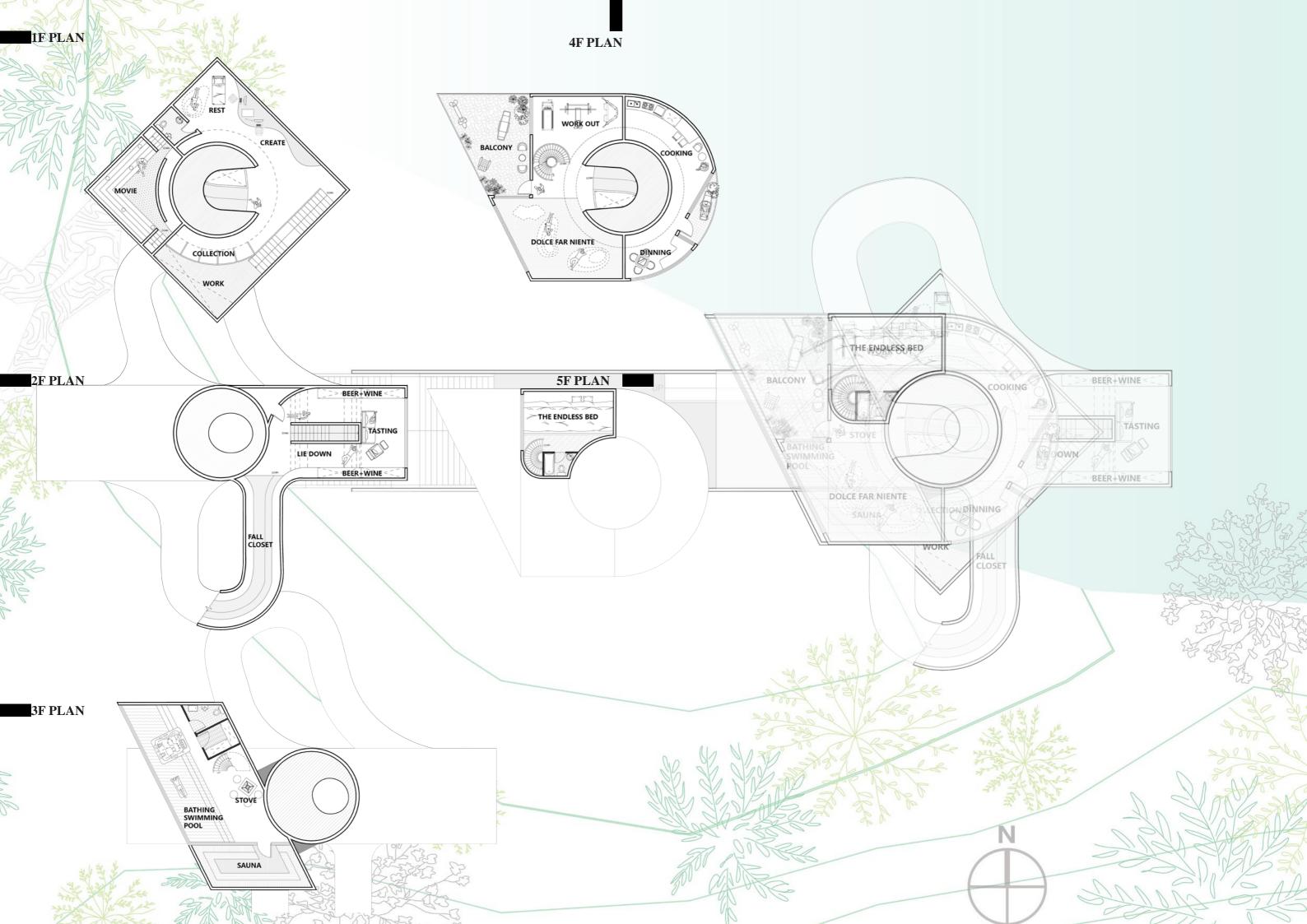
The house is rotating to capture the best views of every moment, and there are 3 parts of it with a traffic core in the middle.

The first part is the daily one, which rotates in the cycle of a day to accommodate his sleeping, working out, cooking and dining in a chronological sequence of one day, he would enter the space that corresponds to the fixed hole in the core at the designated time.

tipsy mood. And this combination rotates seasonally to satisfy his demand that he could enter the combination to immediately get the clothes and the booze in the corresponding season which is pre-arranged neatly in sequence from shirts to coats, from beer to whiskey.

The third part is working and recreation one, he determines not to work on weekends, so there's no access to the workspace on weekends and chilling area on weekdays. He lives in this kind of clockwork-like life mode and is satisfied with it, he thinks he's controlling the whole mechanism and the regime, but instead, it's the mechanism that is in control of him...

And he combines the cellar and the closet as the second part to fulfill his eccentricity of trying new clothes in a

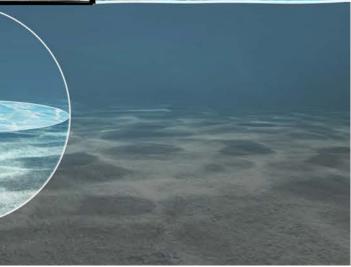


10AM Monday December





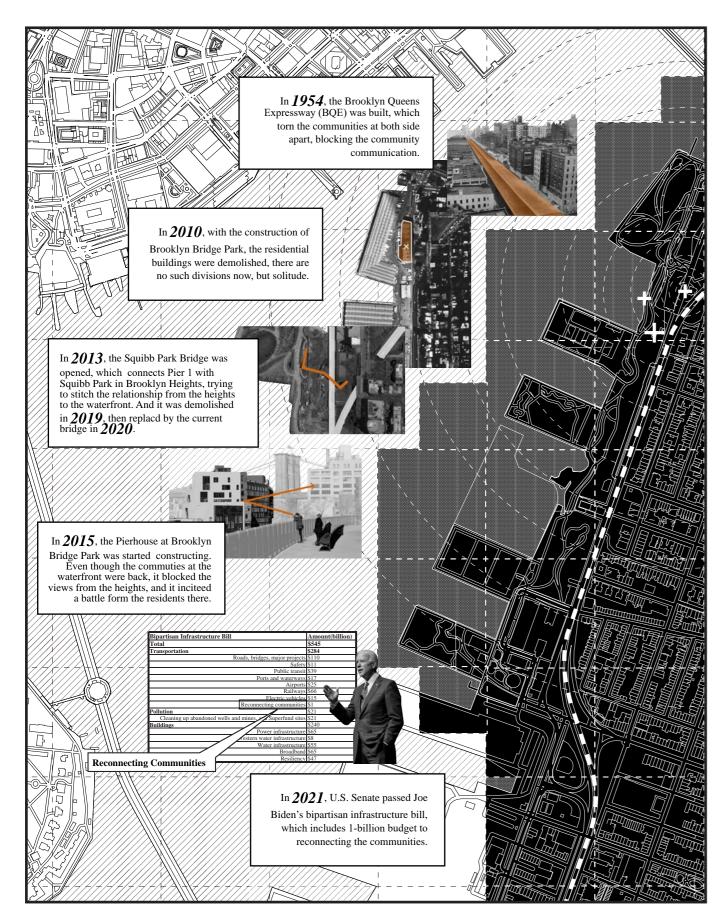




DOES ARCHITECTURE HAVE SPONTANIETY? **COULD ARCHITECTURE BE** PHASING IN PERIODICALLY? GATHERING, RECONNECTING **8 GAINING BACK** for Bodies, Buildings and the BQE 2021 FALL **Speculating New Futures CRITIC: LAURIE HAWKINSON**

The construction of the Brooklyn Queens Expressway (BQE) in 1954 torn the communities at both sides apart, and blocked the approach to the waterfront of the residents on the Brooklyn Heights. The project is aiming to bridge and reconnect Brooklyn Heights communities to the waterfront and the communities there, and gain back the views occupied by the luxury condominium: Pierhouse at Brooklyn Park. Meanwhile, it connects the Brooklyn Promeanade and the BQE, building the connection vertically and horizontally, creating the dynamic relationship of all layers there, and providing the communications. What's more, it's a way to save the BQE in disrepair instead of tearing it down.





In the very beginning, communities was torn apart by the construction of the BQE and the relationships between communities are becoming more and more fragile just like the BQE nowadayes. And the rich occupied the waterfront and the views towards it, which belongs to the Brooklyn Promeandes and the public. The infrastructure bill is a golden opportunity to gathering the residents, reconnect to thewaterfront and gain the views as well as the rights back.

PHASE I: **GATHERING** Now (2021-2026)

Community Center + **Open-air Theater**

The community center and open-air theater offer a gathering point for the residents there and connect the three cantilevers vertically from inside and outside.

PHASE II: RECONNECTING Soon (2026-2030)

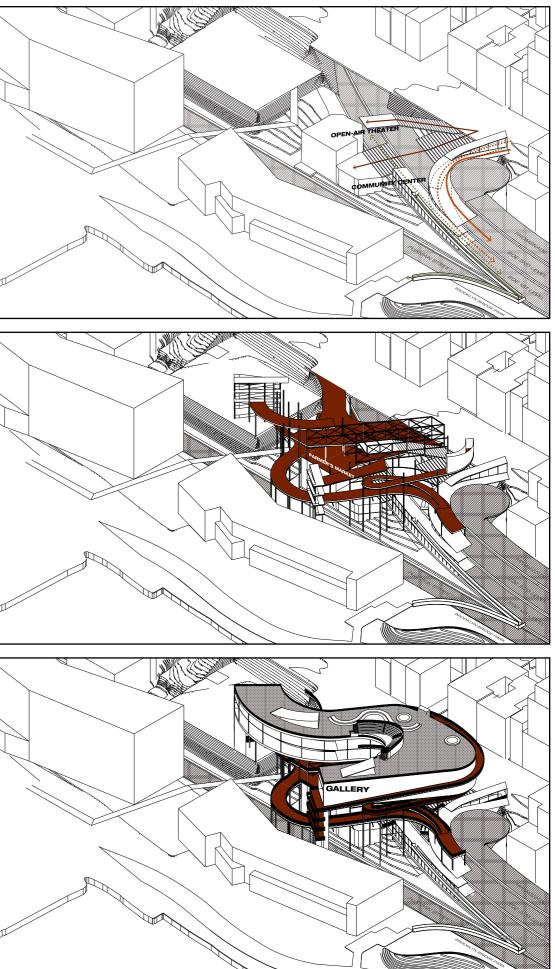
Farmer's Market + Walking/ Jogging/ Cycling Ramp

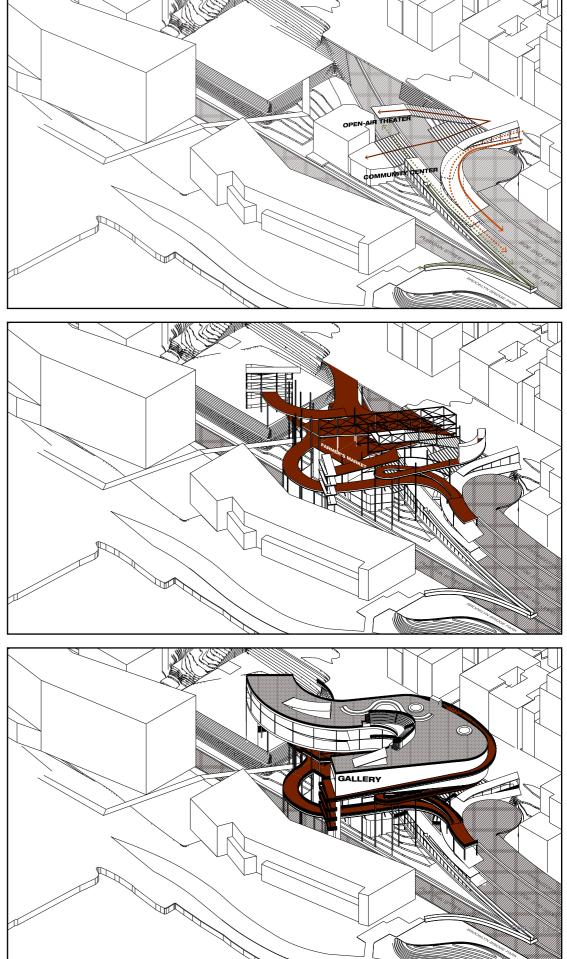
The farmer's market consisting of ramps, connects neighborhoods on the other side and the promenade side. And it will become a multi-purpose venue for dancing etc. or an extension to the openair theater and other public activities in the evening.

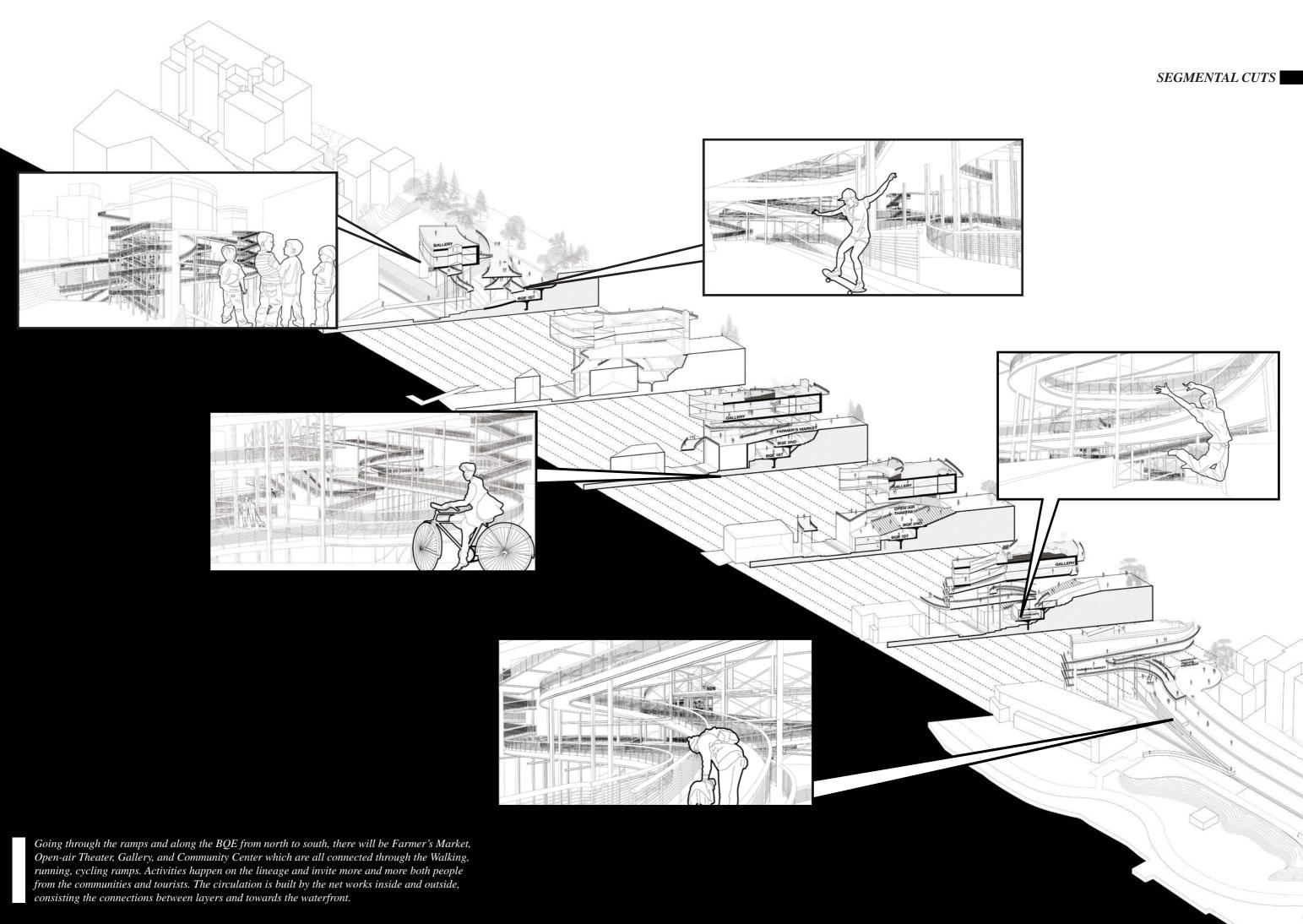
PHASE III: GAINING BACK **Eventually** (2030-2035)

Gallery

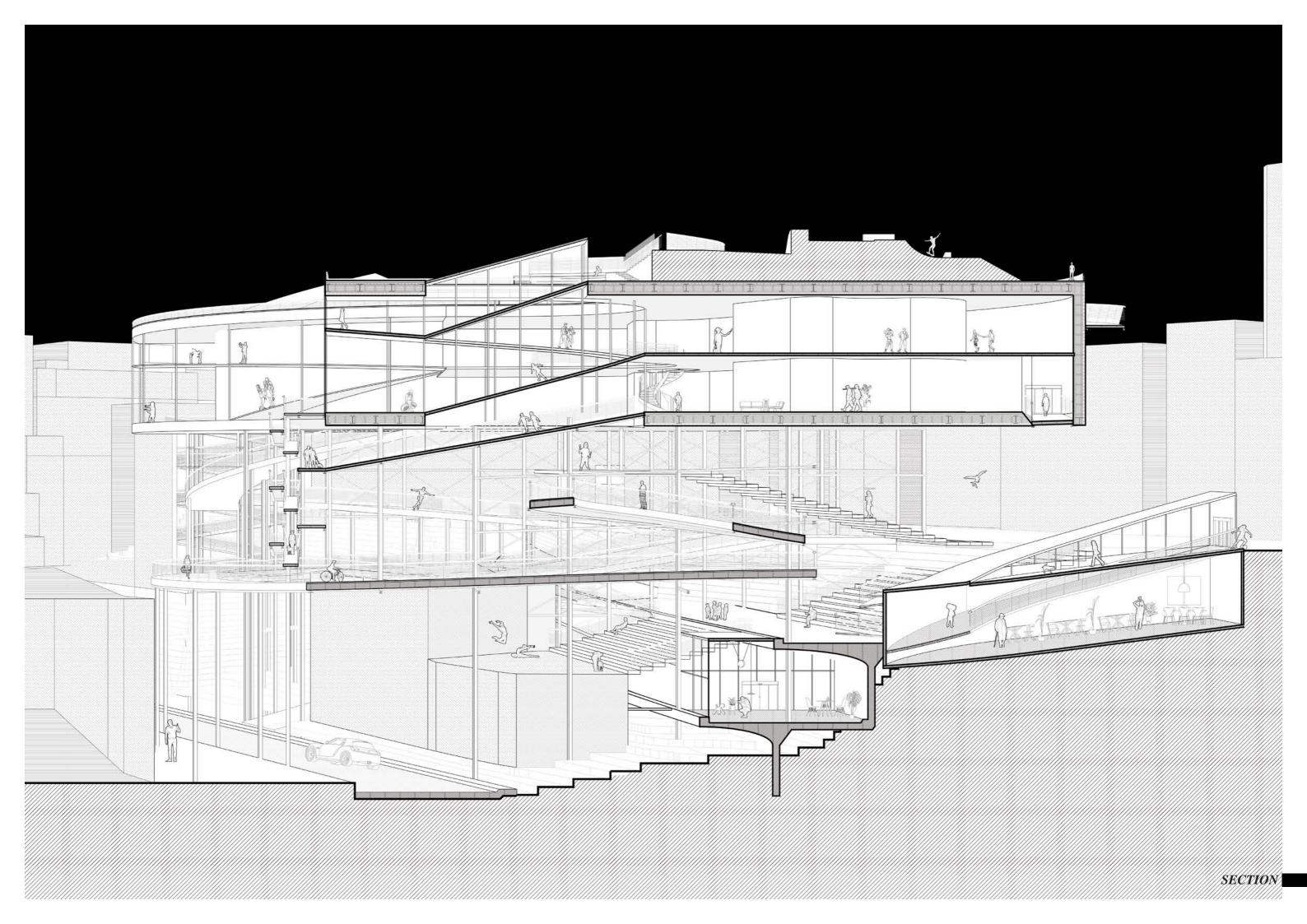
The thied phase uses a gallery to maximize the views towards Manhattan, Governor's Island and the Statue of Liberty. Meanwhile, it is gaining back the view belonging to them in the first place.

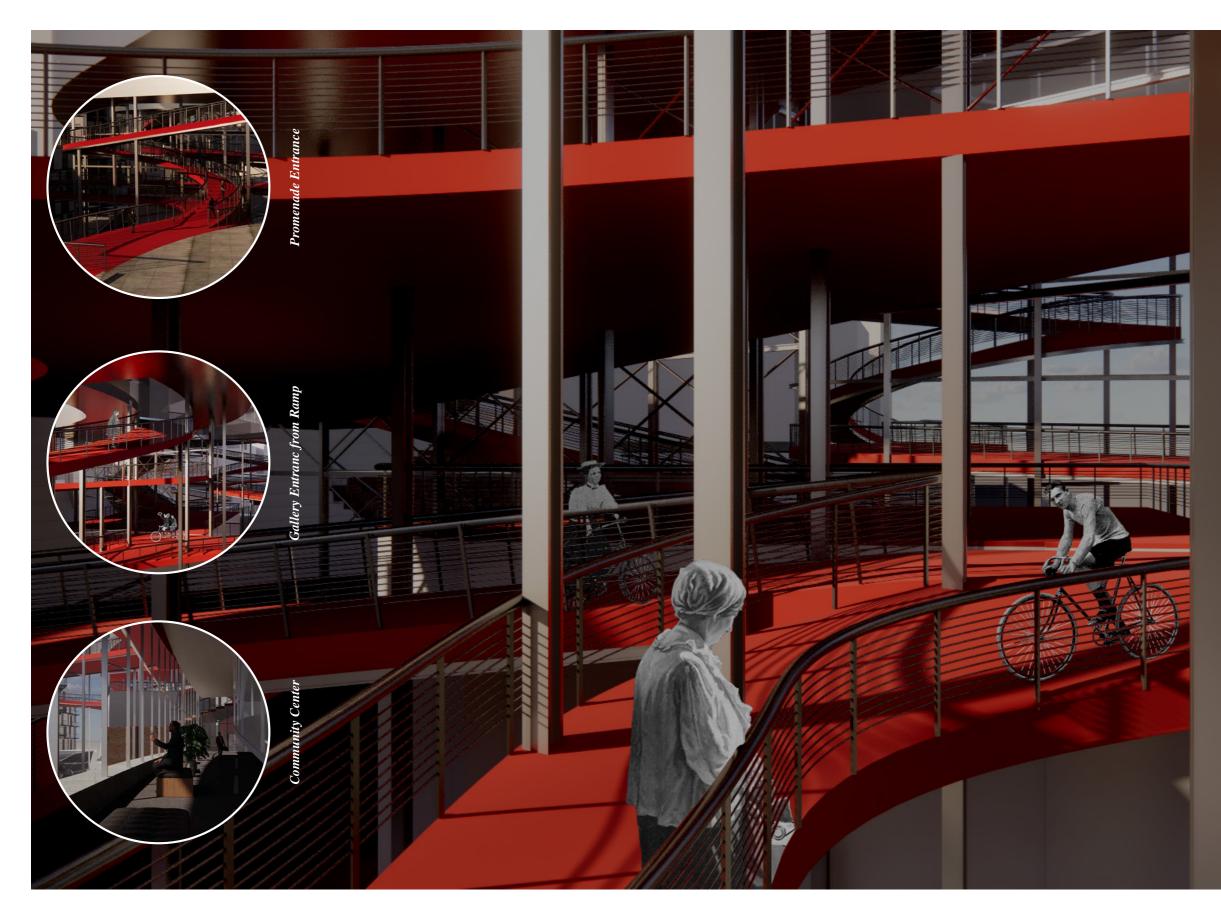


























MODELS



THE RECULIER, FOLKLORES. **ECTURE IN PROGRESS EXAMPLE 1** Life & Death/Control & Un-control/ Growth & Degradation 2022 SPRING 2022 SPRING CRITIC: STEPHEN CASSELL & ANNIE BARRETT

IS ARCHITECTURE JUST A CONTAINER OF ACTIVITIES?

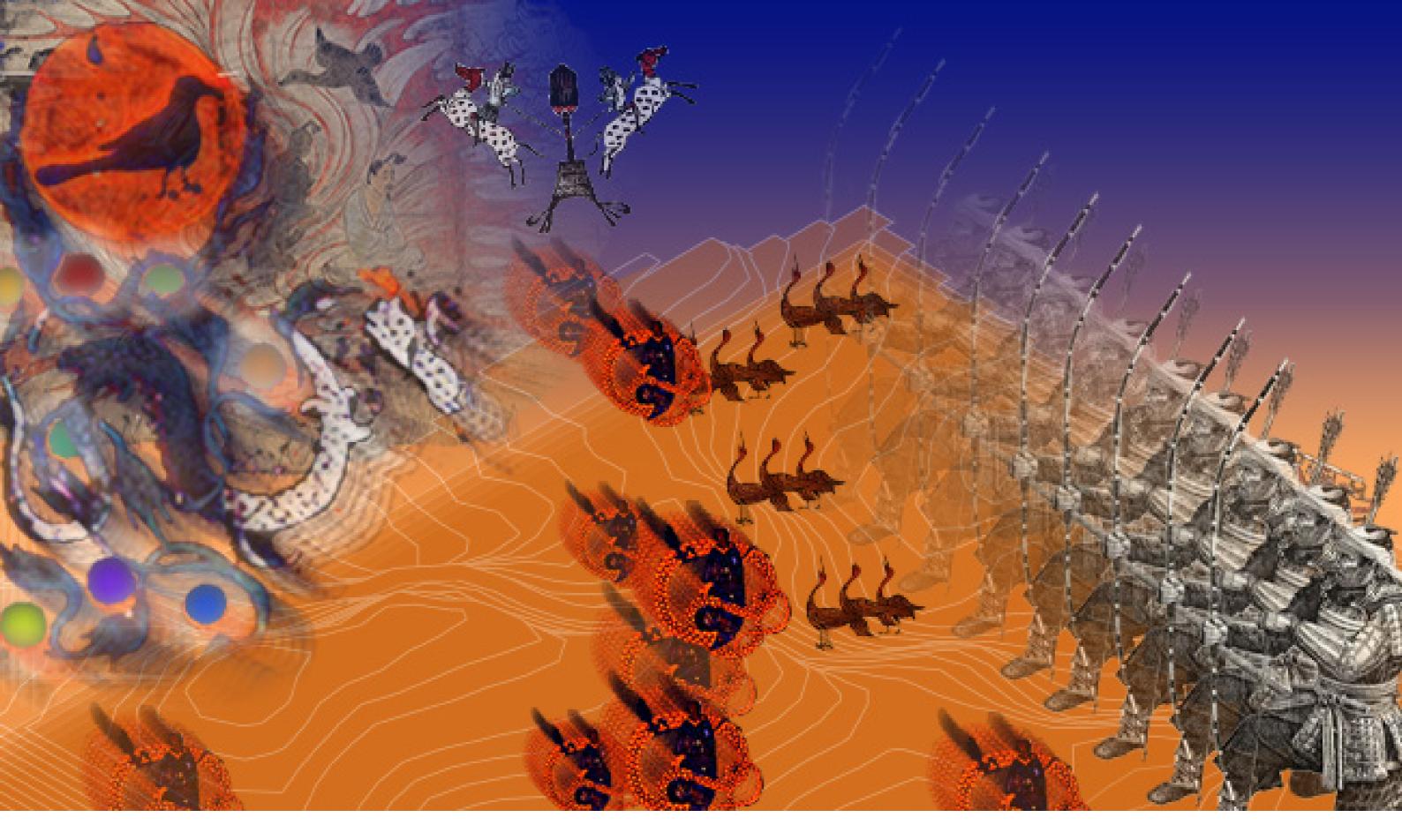




We all know that there's only one sun in the solar system, but what if there are 9 more in the sky?

Once upon a time, the ancient god has ten children, who are crows of different colors. They serve as the sun to perform the changing of day and night. Normally they are sleeping down in the sea and on duty one by one. But one day they decided to come out together ever after. They're shining bright, just showing their enormous glory. However, it's too bright and it even sets the ground on fire. Everything on the ground is burning, people and other creatures are losing their homes.

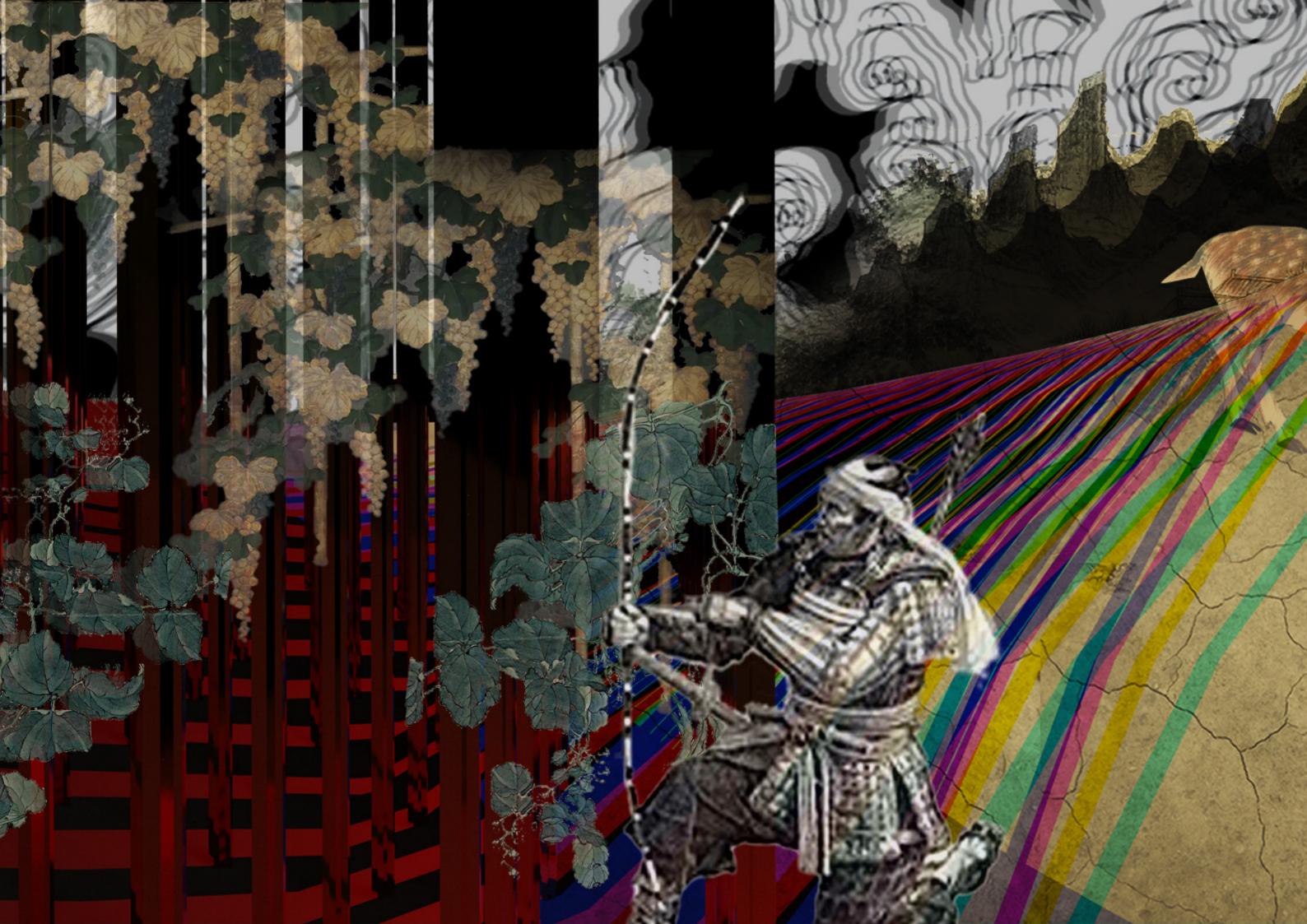
O1 BACKGROUND



Then a guy called Houyi is determined to save human beings by shooting down nine of them to bring peace back to the world. But the sky is just too bright and he could see nothing up there. In order to tell the direction of the suns. He built 10 columns by 10 columns to distinguish the position and directions of the suns.

All his actions made the god very angry, and the god made the grapes grow around the columns and the vines shed the ground. So Houyi won't be able to see any shadows.

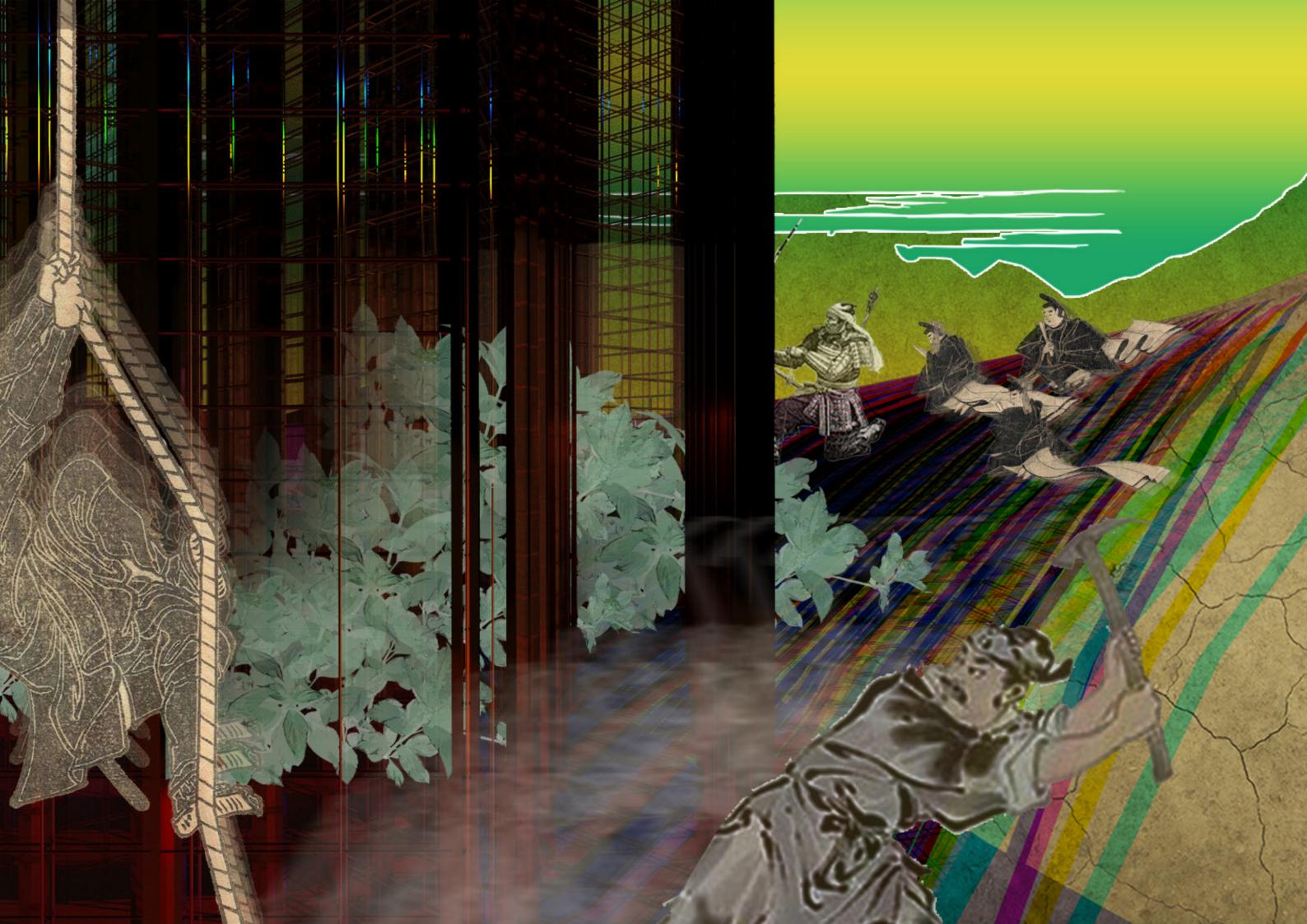
02 HOUYI





03 WUGANG

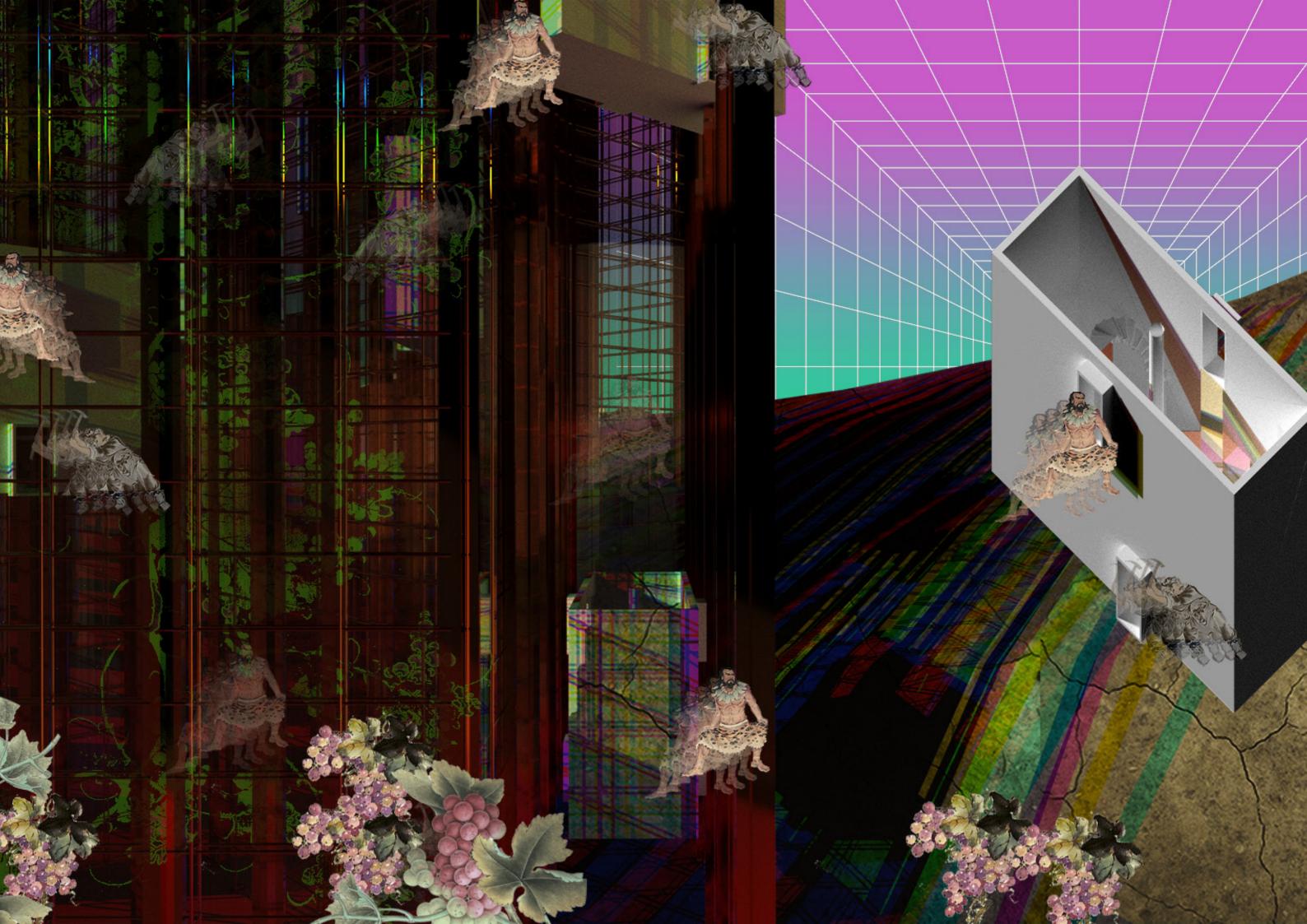
Because of the fire and heat, people are dying. A man called Wugang volunteered to cut all the vines in order to help Houyi and save human beings. He uses all his strength to do the job, but the vines are growing higher and higher which becomes unreachable. He was thinking about how to overcome this problem, maybe set up some scaffoldings? The only material he has is copper, so he made the scaffolding out of it. In order to protect it, Wugang set membranes on both sides of it.

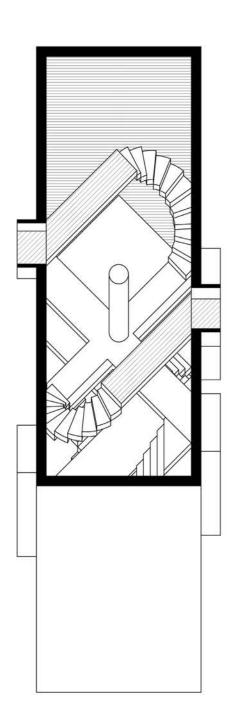


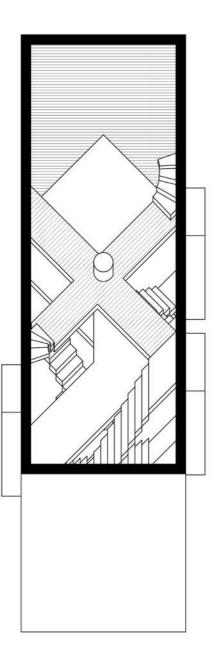


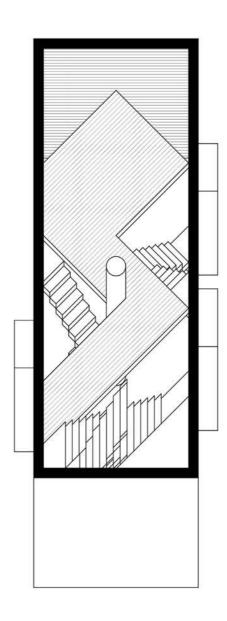
The god learned what Wugang is doing and is still not happy with it. So he sent out Kuafu, who loves the suns so deeply, to help the vines grow. The god also knows people are dying and don't want to make himself disgraceful and lose his dignity. So he asked Kuafu to work discreetly and finish the job perfectly without being seen by Wugang and Houyi. So Kuafu builds 10 cells up in the air to hide from them. But Houyi notices that someone is sabotaging around, then he starts to search for who is growing the vines over and over again.

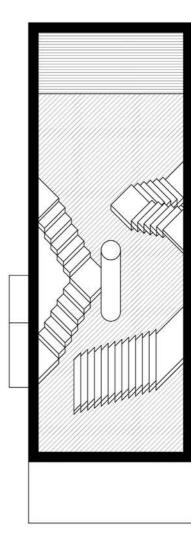
04 KUAFU

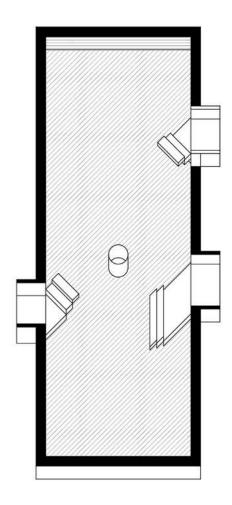


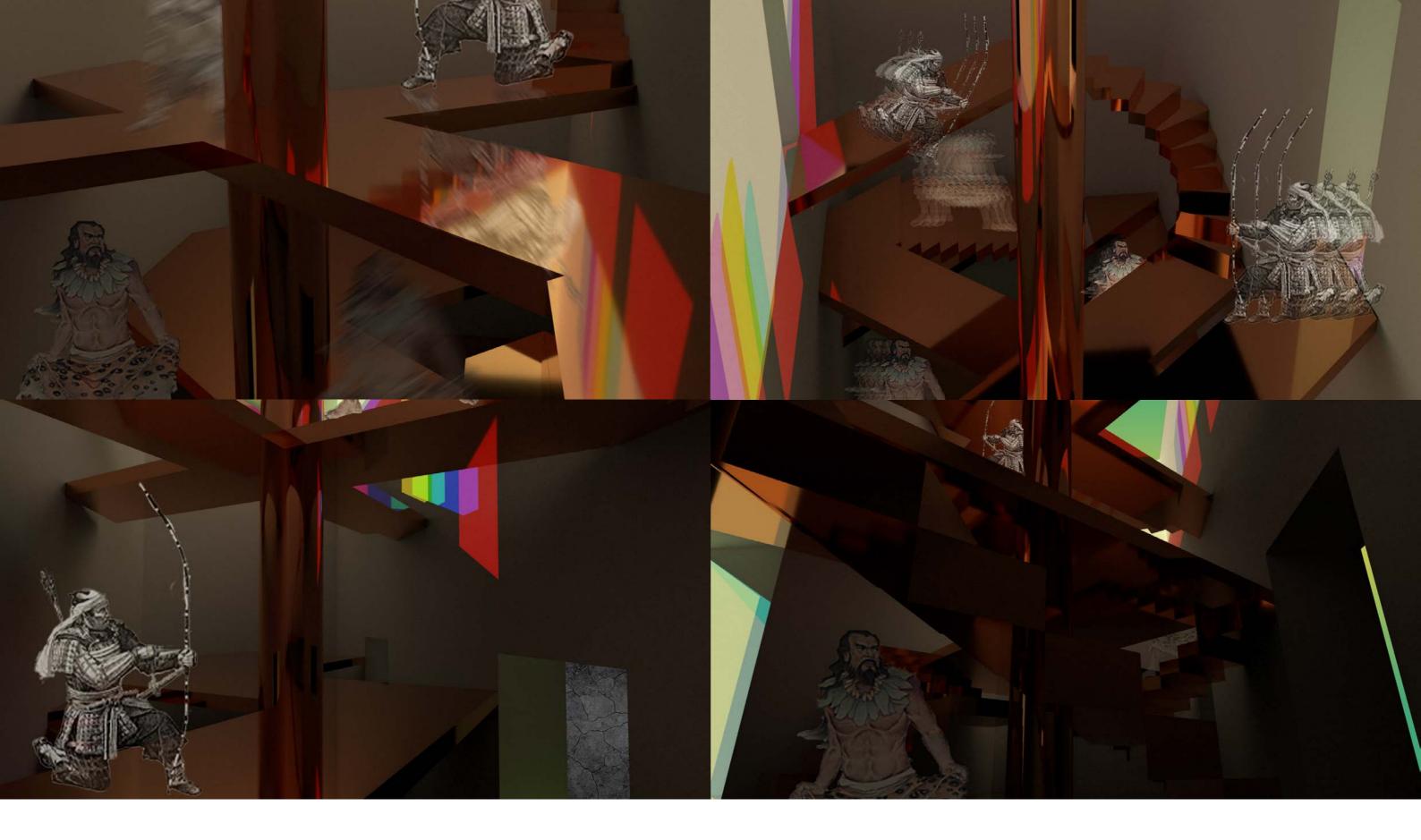








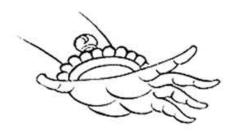




05 THE CELL

The cell has several entrances and exits located at different levels, in this way, Kuafu could easily escape and play hide and seek with Wugang inside. Meanwhile, he could still grow the vines following the god's decree.

However, under the distraction of Kuafu, the grapes are growing bigger and finally ripe enough then fall on the ground. With no human intervention, the grape fermented naturally and became wine. It flows along the terrain and gets into the slots between the membranes.





CO2

02

Photosynthesis- Day 6CO2+6H2O __________C5H12O6+6O2

Cellular respiration-Night C6H12O6 +6O2 → 6CO2+ 6H2O + Energy

Copper Oxidization: 4Cu+O2→2Cu2O [red to pink] 2Cu2O+O2→4CuO [black]



02

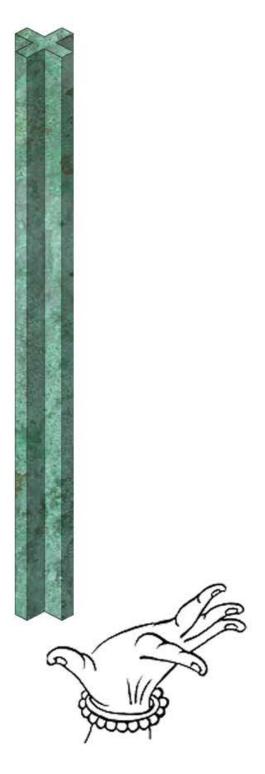
CO2

Fermentation C6H12O6 Emymer 2C2H5OH+2CO2

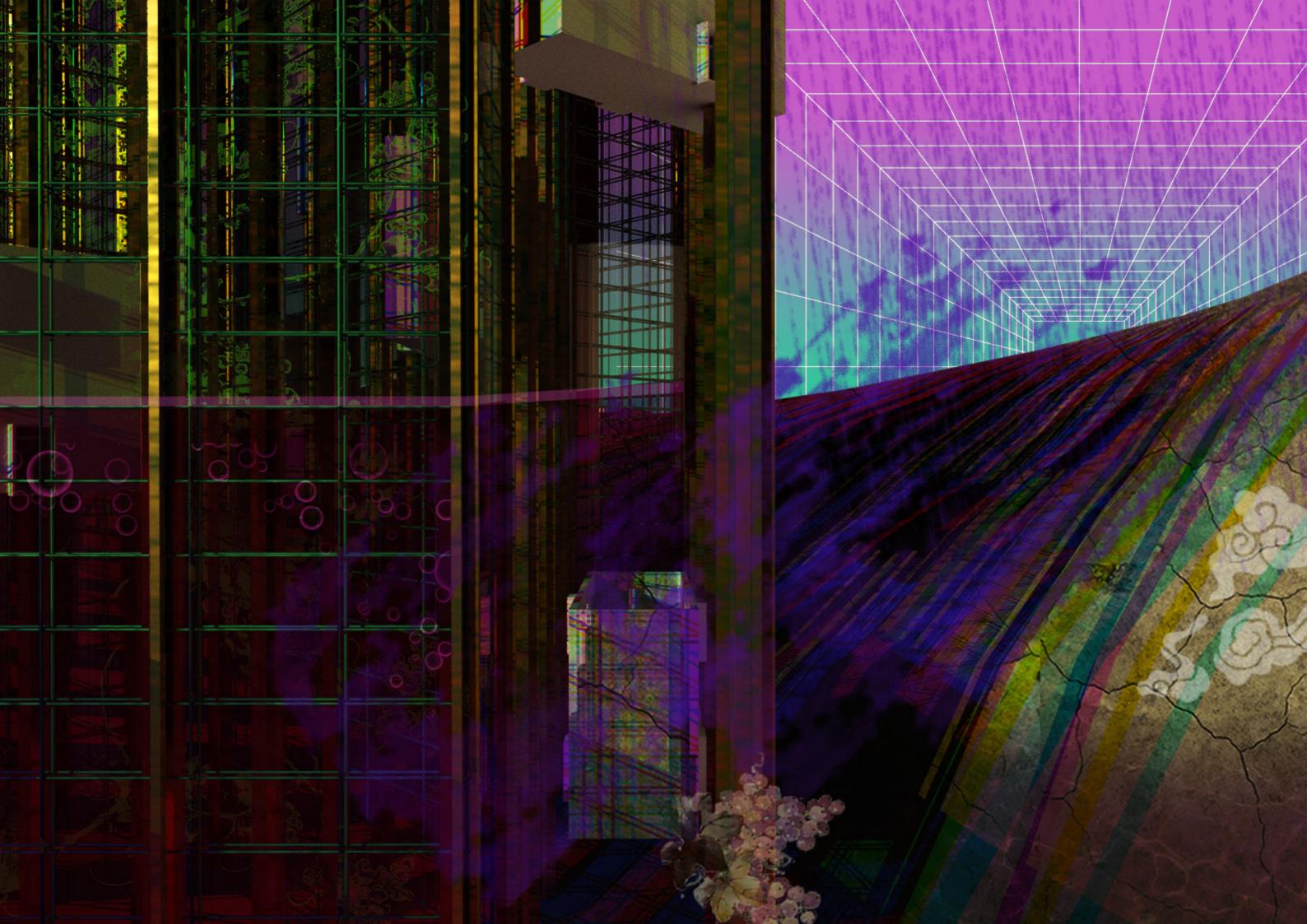
Copper Oxidization: $2CuO + CO2 + H2O \rightarrow Cu2CO3(OH)2$ [malachite, dark green to blue] $3CuO + 2CO2 + H2O \rightarrow Cu3(CO3)2(OH)2$ [azurite, blue to purple]

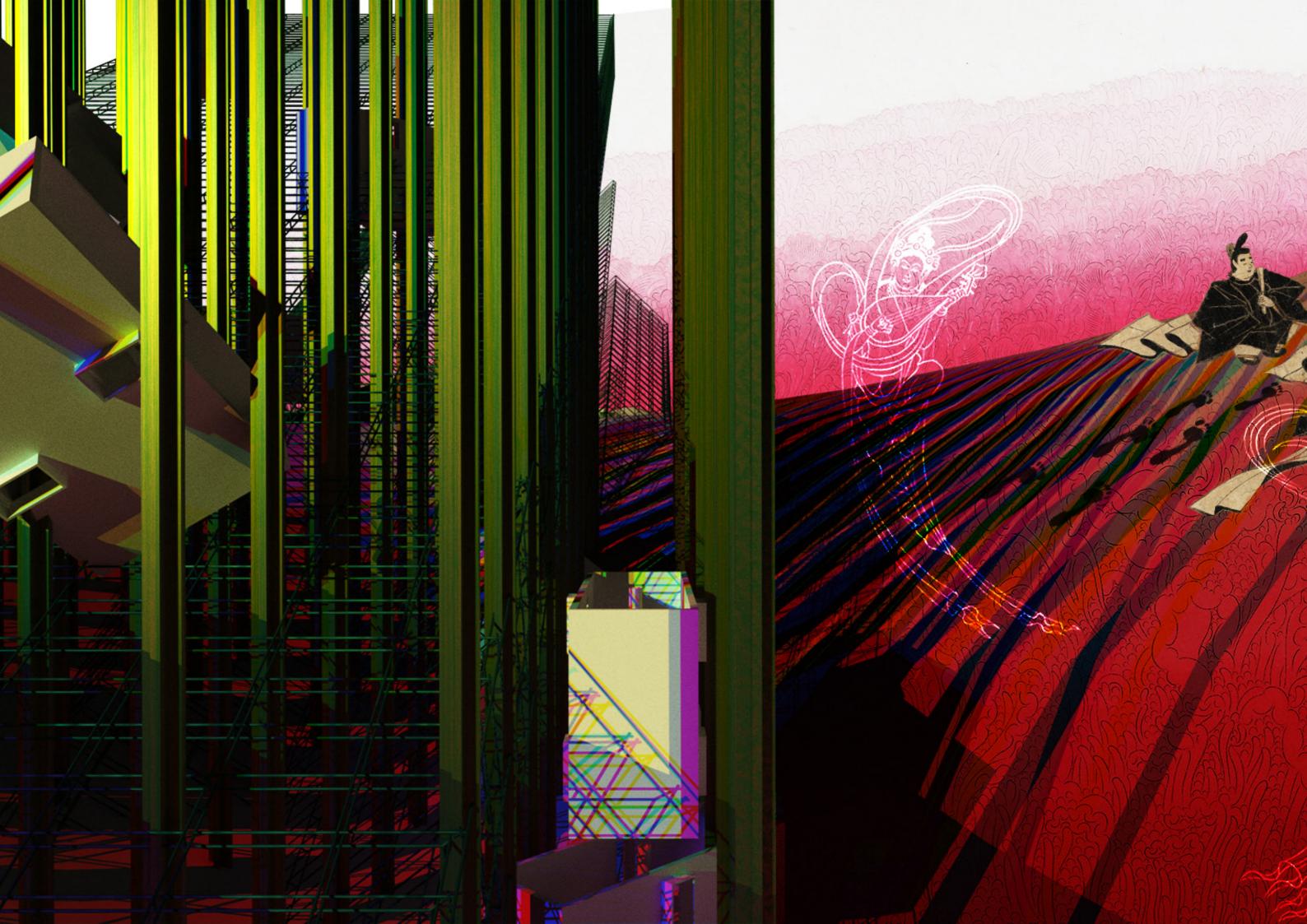
Everything has gone, the efforts, the scaffolding and the figures. Only the columns were left there, bathing in the wind and sun, oxidizing itself day by day. The sun's still there. The green patina becomes the index of the solar power and no one remembers the hero who was trying so hard to shoot the suns and save human beings.

06 THE WINE



Then the chemical reaction is happening. The wine is going up, contacting with enough oxygen, starting to oxidize itself. And with more carbon dioxide and incremental humidity, the copper scaffolding is starting to oxidize too. Day after day, the scaffolding became super fragile and the wine finally became the acid after the whole oxidization. The brittle scaffolding is soaking in the acid and it broke eventually, the whole complex is falling down to the ground.







THE REAL PROPERTY OF A CALL OF A CAL

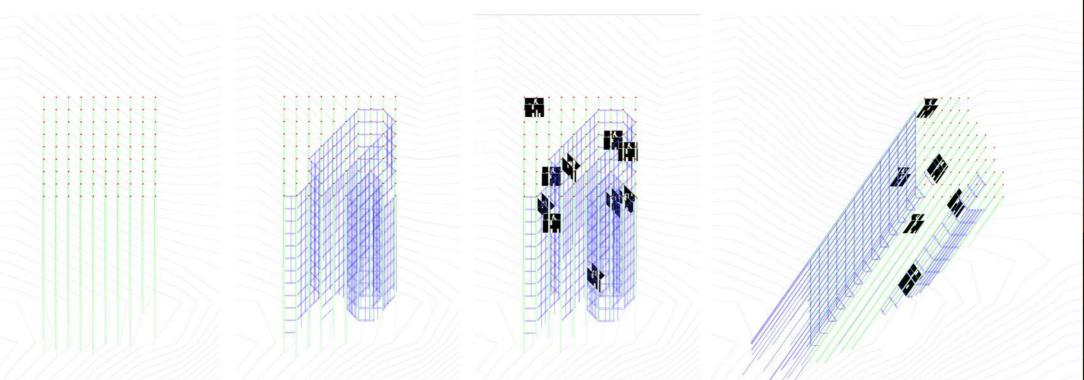
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07 THE ARCHITECTRUE

Let's go back to architecture.

It's going all the way from columns, then scaffolding, and cells. But eventually, it's in ruins. Human activities influence it every minute, and the architecture is co-evolving with them. So it's not merely a container or a still object, even if it seems to be. It changes, evolves, constructs and deconstructs itself, together with humans and their activities.

