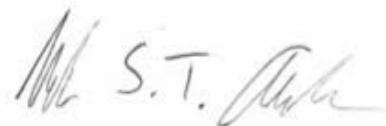


Archi-Story

Jingran Chu

The thesis of Jingran Chu, titled Archi_story is approved:



Date 5/20/21



Date 5/18/21

Kyle Steinfeld

University of California, Berkeley

My thesis is based on my background in art and architecture, because I have some work experience with the post-production team of movies as a concept artist. Those experiences make me realize that, especially for those sci-fi or fiction stories, the design of an unreal but logical and solid world could bring a massive difference to the story, and it can even shape it with space. My project is mainly based on that four questions.

Can the space be vibrant and personalized enough to drive the story as a real-person character?

Can architecture be a secondary actor?

Can architecture space become the story logic?

Can architecture be not only scenario in a movie, but also can be order and behavioral guidelines?

Behind the story, I am considering that architecture can be a medium to present an idea. It can like a painting, a book, a movie, itself can states altitudes, or critiques, not only limitate in architecture but also for anything include the societies. Furthermore, that is why I think architects can do well work beyond built a real building.

This tower comes from my thoughts of what happens in the last years. The epidemic has intensified various conflicts: The plundering of limited resources, the bully from the people at the top to the people at the bottom; lies, discrimination, and misunderstanding between peoples. It is a real babel tower story. People speak different languages and cannot understand each other anymore.

Each segment has an architectural prototype, and also each prototype has an architecture theory behind it, which is a result of a particular history or movement.

The central factory is born from the NAKAGIN capsule tower, the most famous built architecture of the metabolism, in Tokyo, Asia, where people all have much pressure. Moreover, the concept of this segment is to use the fractal grid to generate a space in order. And this order also could be the characters' behavioral guidelines. The core and the critical program are located in the center, and public service is surrounding. The fractal circulation enhances this order. You can imagine how people live according to this rigid space.

Also, for the New City, it comes from the garden city theory, it's also a critique for the Industrialization and urbanization that time, and enhance the importance of the green space and public transport. They try to find a Peaceful Path to Real Reform.

The last segment, the Dust City, comes from the Kowloon walled city in HONGKONG. I use the grasshopper and try to discuss the informal architecture mode here.

I define this project as a visual architecture project, hope everyone could enjoy it.

新巴別塔
NEO BABEL TOWER

初璟然
Jingran Chu

At first, no one cared about one disaster
It was just a wildfire, a plague, the extinction of a species, the disappearance of a city
Until everyone involved into it...

起初，沒有人在意這一場災難
這不過是一場山火，一次瘟疫，一個物種的滅絕，一座城市的消失
直到這場災難和每個人息息相關……

"The first, the Ordovician mass extinction, which took place 445 million years ago, involved the disappearance of 85 percent of all species including brachiopods, bryophytes, and tripods.

The second, Late Devonian mass extinction: Sea life disappeared between 375 million and 360 million years ago.

The third, the Permian extinction, saw 75% of all living things disappear.

The fourth, the Triassic extinction, wiped out 80% of the dinosaurs' natural enemies and ushered in the age of dinosaurs.

The fifth, the Cretaceous mass extinction, the dinosaurs disappeared."

第一次，奧陶紀大滅絕，發生在4.45億年前，包括腕足類，苔蘚類，三足類等85%的物種消失。

第二次，泥盆紀後期大滅絕：3.75億年前至3.60億年前，海洋生物消失。

第三次，二疊紀大滅絕，75%的生物消失。

第四次，三疊紀大滅絕，恐龍80%的天敵消失，開啟了恐龍時代。

第五次，白堊紀大滅絕，恐龍消失。



- In 2020, a strange radiation comes from the inner core. It firstly began with headaches and nausea among the low-altitude residents, and than...convulsions, multiple system organ failure and death. After death, their bodies turns red, it is...strange...



**S-CORE:*
A mysterious object that arrives with the radiation.
Some “**Talented**” people who pray to the S-Core can get the “**Blood**” and “**Bone**” of the God, the Blood for feeding and the Bone for forging.

**圣核心:*
和辐射一起出现的神秘造物。
一些有“天赋”的人通过祈祷可以从圣核心中获得神的“骨”和“血”，血以饱食，骨以锻造。

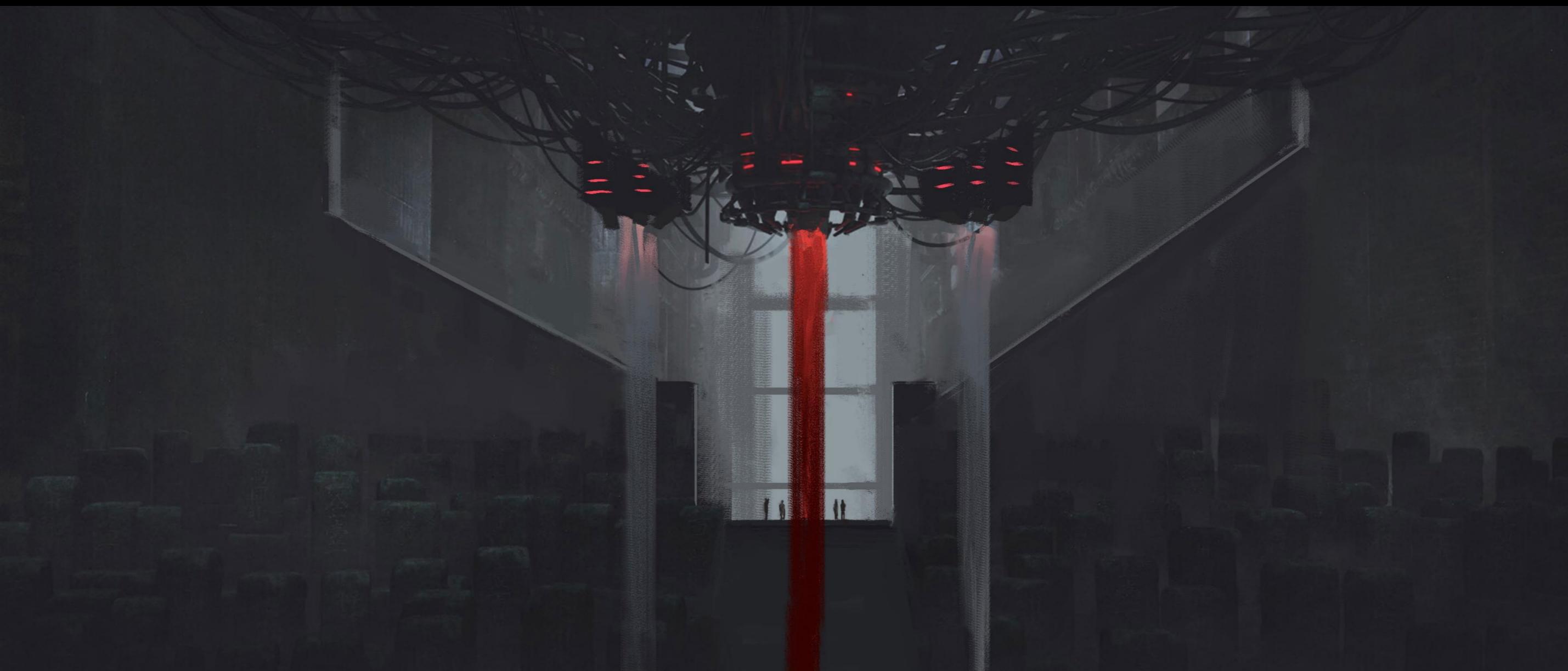


***“Blood”:**
*Found with the S-CORE.
Edible red fluid substance which
rich in nutrients*

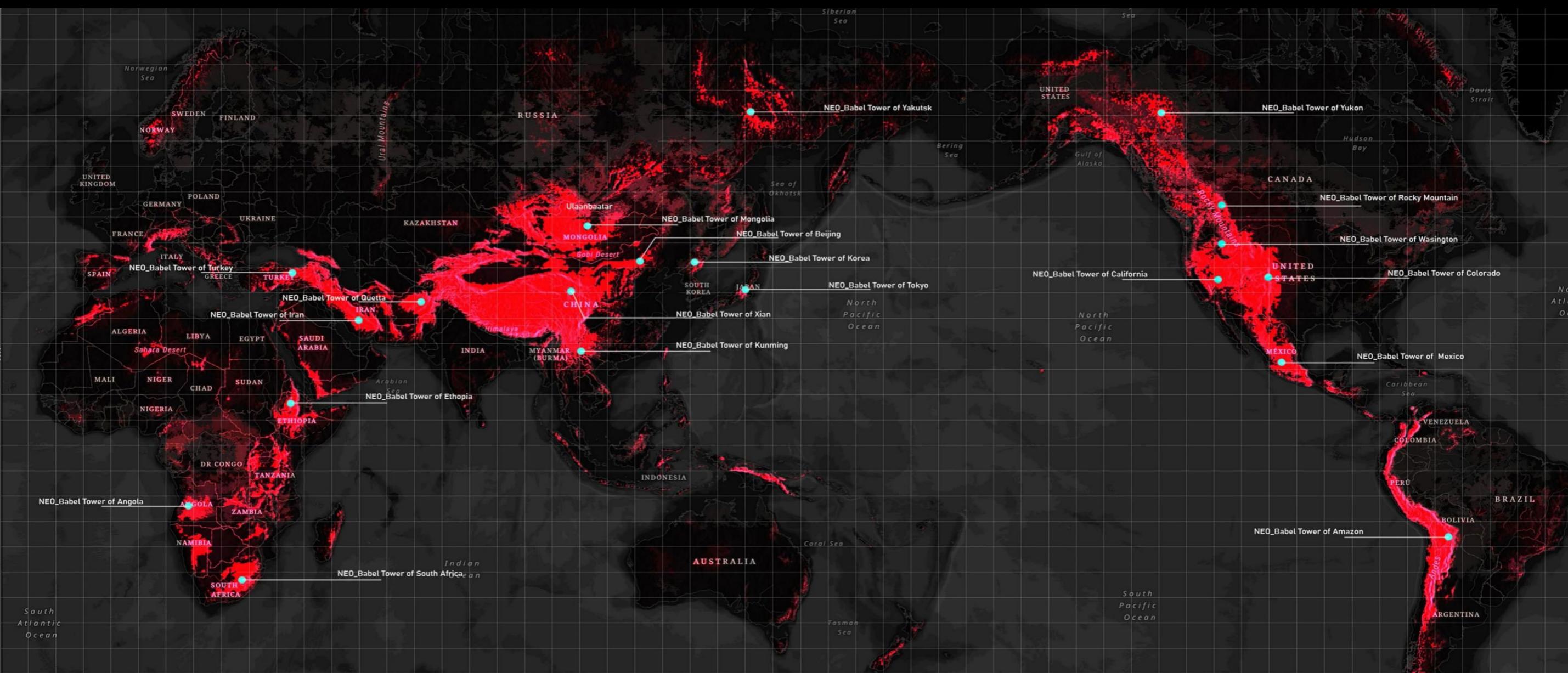
“血”：
圣核心的伴生物，可以得到红色的可食用流体，富含营养物质。

***“Bone”:**
*Found with the S-CORE.
A new substance with magical
biological properties and good fuse
abilities, it can significantly
improve the performance of the
existing materials.*

*骨“
圣核心的伴生物，一种白色的具有生物性的全新液态材料，具有很好的融合性，可以显著的提高现有各种建筑材料的强度。



- Everyone wants to be that “talented” one, that means.... live with dignity. But “talented” has no criteria, it is inborn.



-Half years later, survivors launched the Neo-Babel Tower project, and began to escape from the ground ...

-Then they said, "Come, let us build ourselves a city, with a tower that reaches to the heavens, so that we may make a name for ourselves; otherwise we will be scattered over the face of the whole earth.

——*Genesis*

11:4

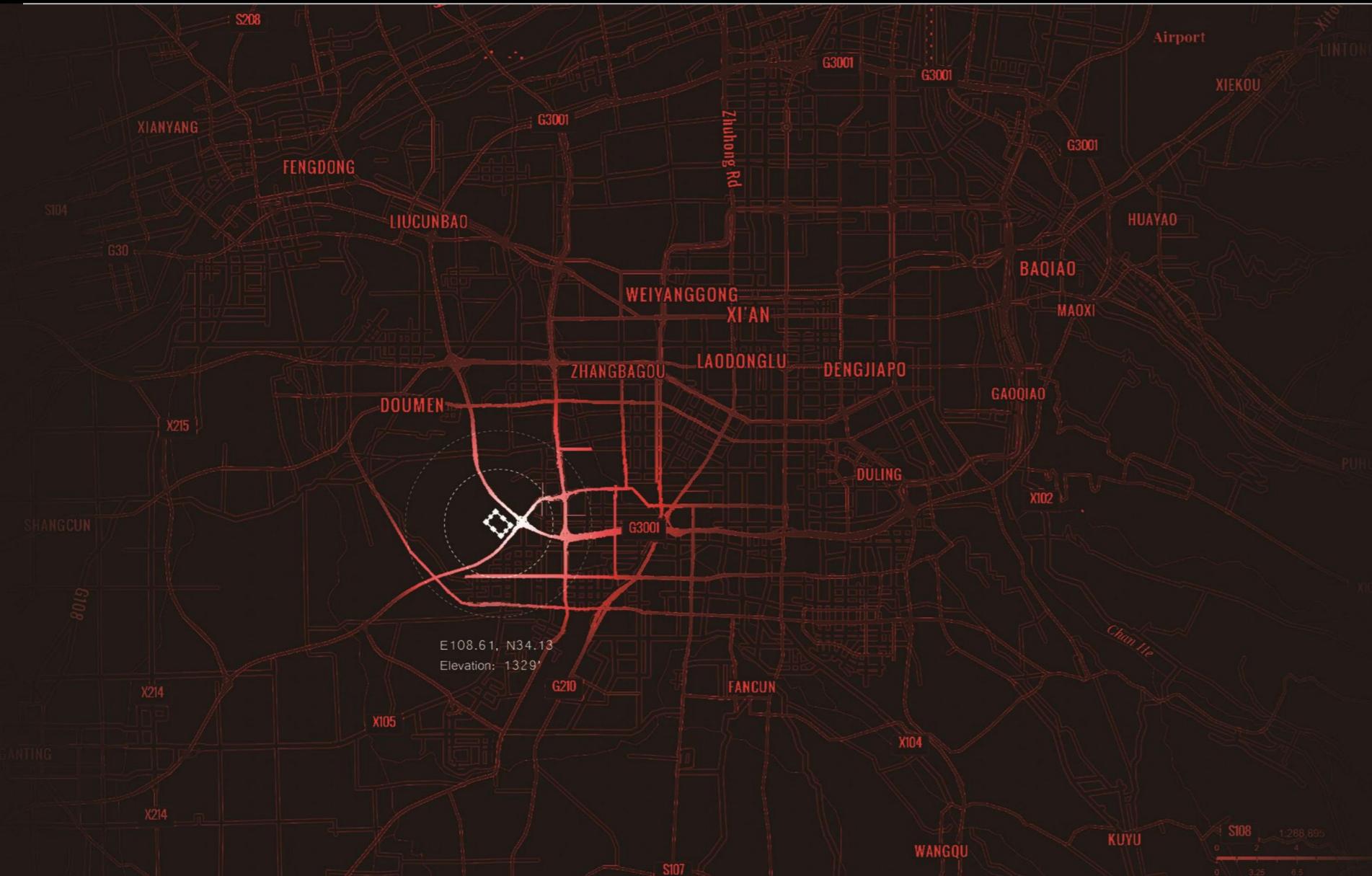
来吧，我们要建造一座城和一座塔，塔顶通天，来传扬我们的名。

——*創世記 11:4*



- I heard from my grandmother that her father was an experienced construction worker who had worked for the Tower of Babel, and he said he had never seen a project like this. It was like bleeding everything out.

LOADING

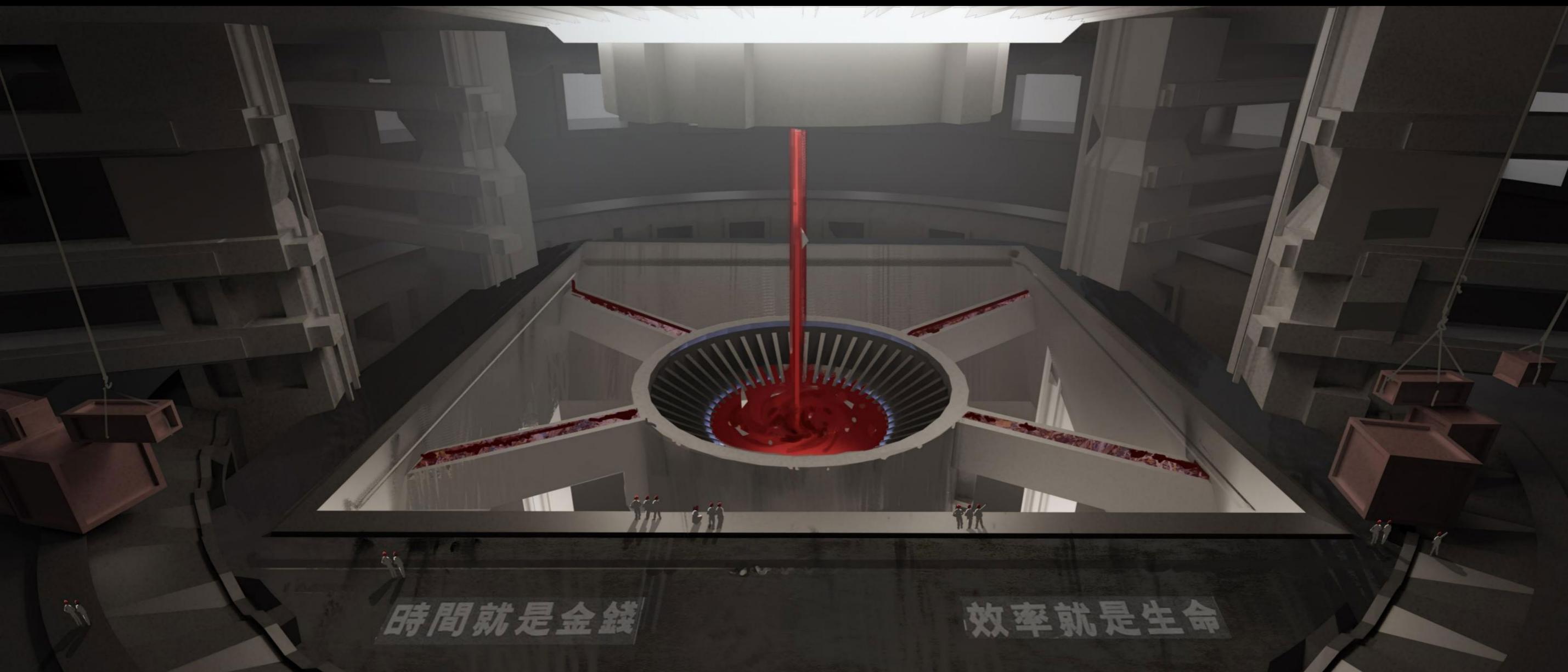


***Neo-Babel tower of Xi'an**
Location: E108.61, N34.13
Elevation: 1329'
2021-2023

***西安塔**
坐标: E108.61, N34.13
海拔: 1329'
2021-2023



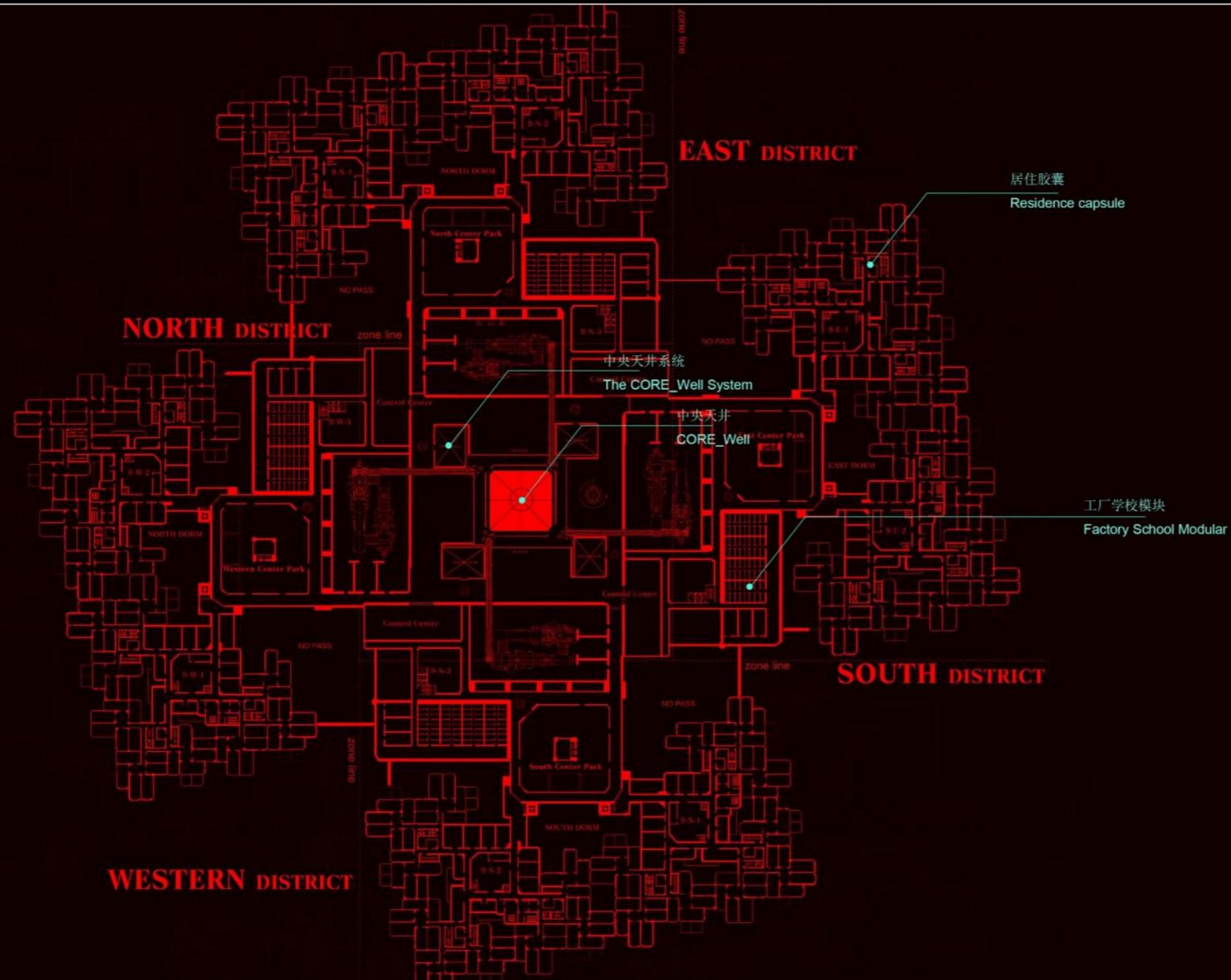
-The tower became higher and higher, seems never stop.



時間就是金錢

效率就是生命

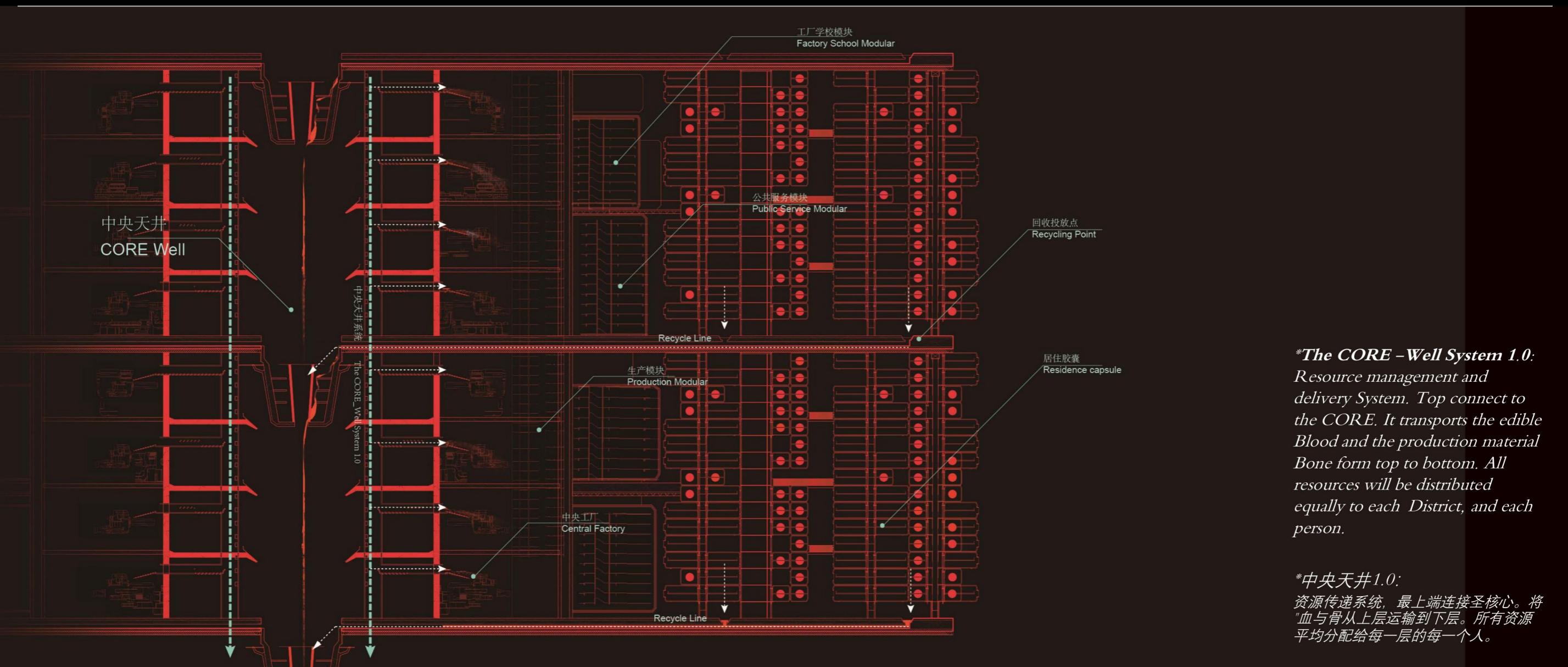
-Two more years after radiation, they moved the S-CORE and everything into the tower. All recourse and more than 100,000 survivorsA new world come into operation.



***Central Factory:**
The first completed segment in the project, responsible for primary production and construction work.

***中央工厂:**
最先被建成的部分，承担了所有生产与接下来的建造工作。

LOADING



People get a little breath at 3500 meters above sea level, but that's not enough. They need to go higher. Healthy people work in factories, wise people invent and create, old people dedicate themselves to live at the bottom of the tower, and talented people are at the top, pray for food and resources to everyone

The tower became higher, but the radiation was still there.

20 years...

50 years...

100...

200...

It is not clear when the escape will end, but it seems hopeful.

于是人类在海拔3500米的地方得到了一丝喘息，但也仅仅是喘息，还不够，他们还需要到更高的地方去。有力气的人在工厂工作，有智慧的人发明创造，年迈者奉献自己住在塔底，通神的人在塔顶，为整个塔带来食物和资源。
10年后，塔基升至500米，辐射仍然如影随形。

20年

50年

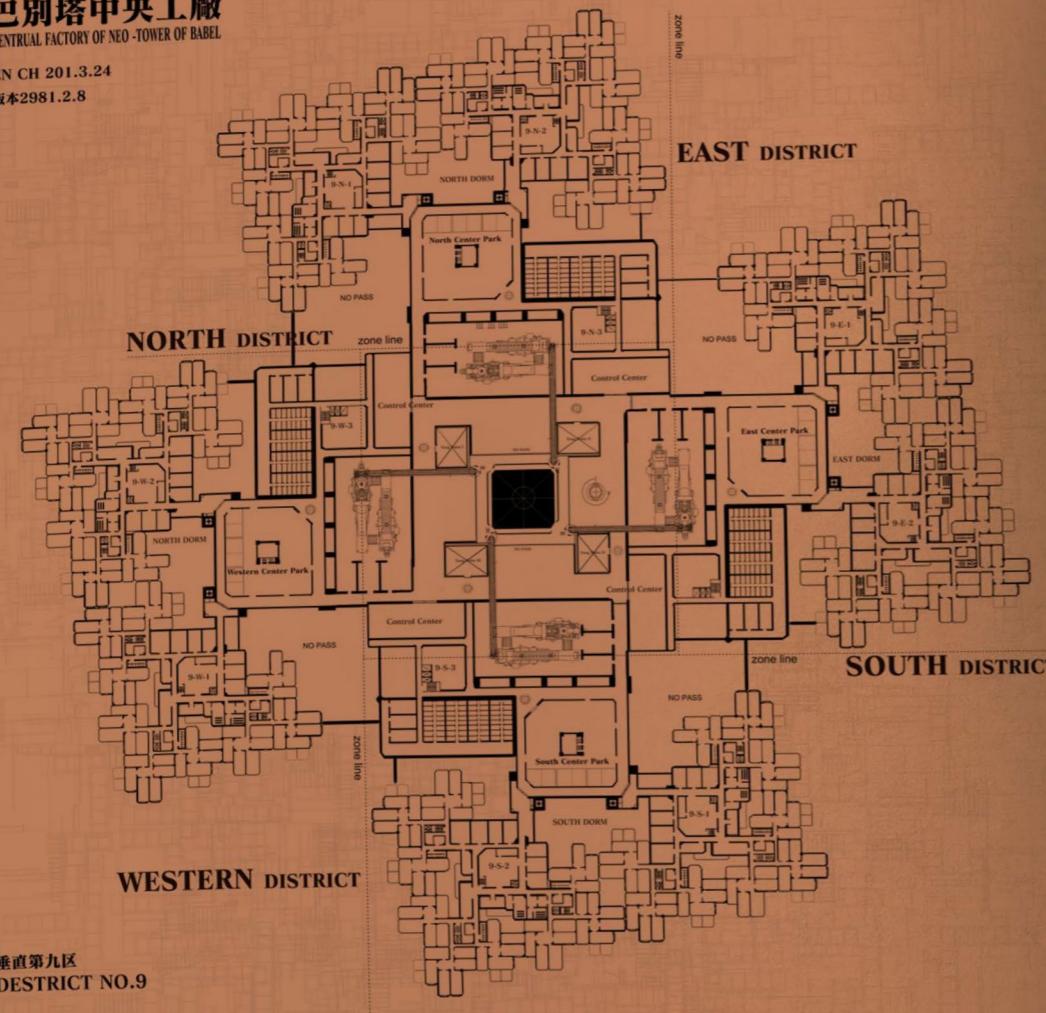
100年

200年

虽然人们不知这场逃离何时才是尽头，但是一切看起来似乎是充满希望。

巴別塔中央工廠
CENTRAL FACTORY OF NEO-TOWER OF BABEL

EN CH 201.3.24
版本2981.2.8



-When I graduated from factory school at the age of 18, it's about decades ago, I got this handbook, and I was in the District No.9 that time. It means that I officially became a member of the Central Factory. Those people who work hard will be rewarded with the right to live in higher districts. And to those free rider, or someone makes big mistakes, they will be downgraded.

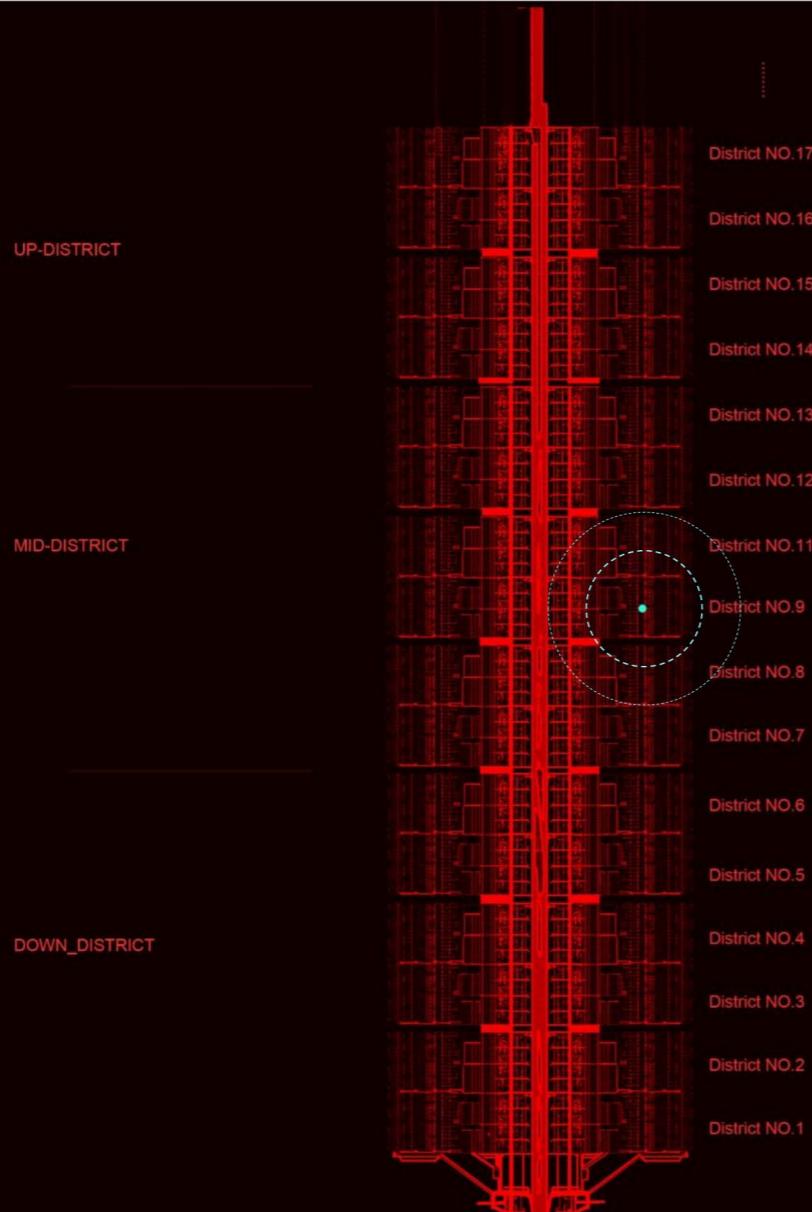
新巴別塔信条：

当我步入这高塔，远离我的故乡，我庄严宣誓，我将忠于人类文明，竭尽全力，维护，捍卫文明的延续，共同托起文明的高塔。塔内众生，人人平等。我将铭记每一个建塔人，他们与塔长存。

The NEO Babel Credo:

When I step into this tower, far from my hometown, I promise that I will be
loyal to human civilization, do my best to preserve and fight for its
continuation, and hold up the tower for all of us. All living beings in the tower
are equal. I will remember everyone who built the tower. They will live forever.

LOADING



**District:*

With the growth of the tower, the production and construction work has been subdivided. Some key industries are moving up to keep away from the bottom radiation.

**厂区:*

随着塔的发展, 生产建造工作逐渐被细分, 关键的部分上移以远离辐射。

**The CORE Well System 2.0:*

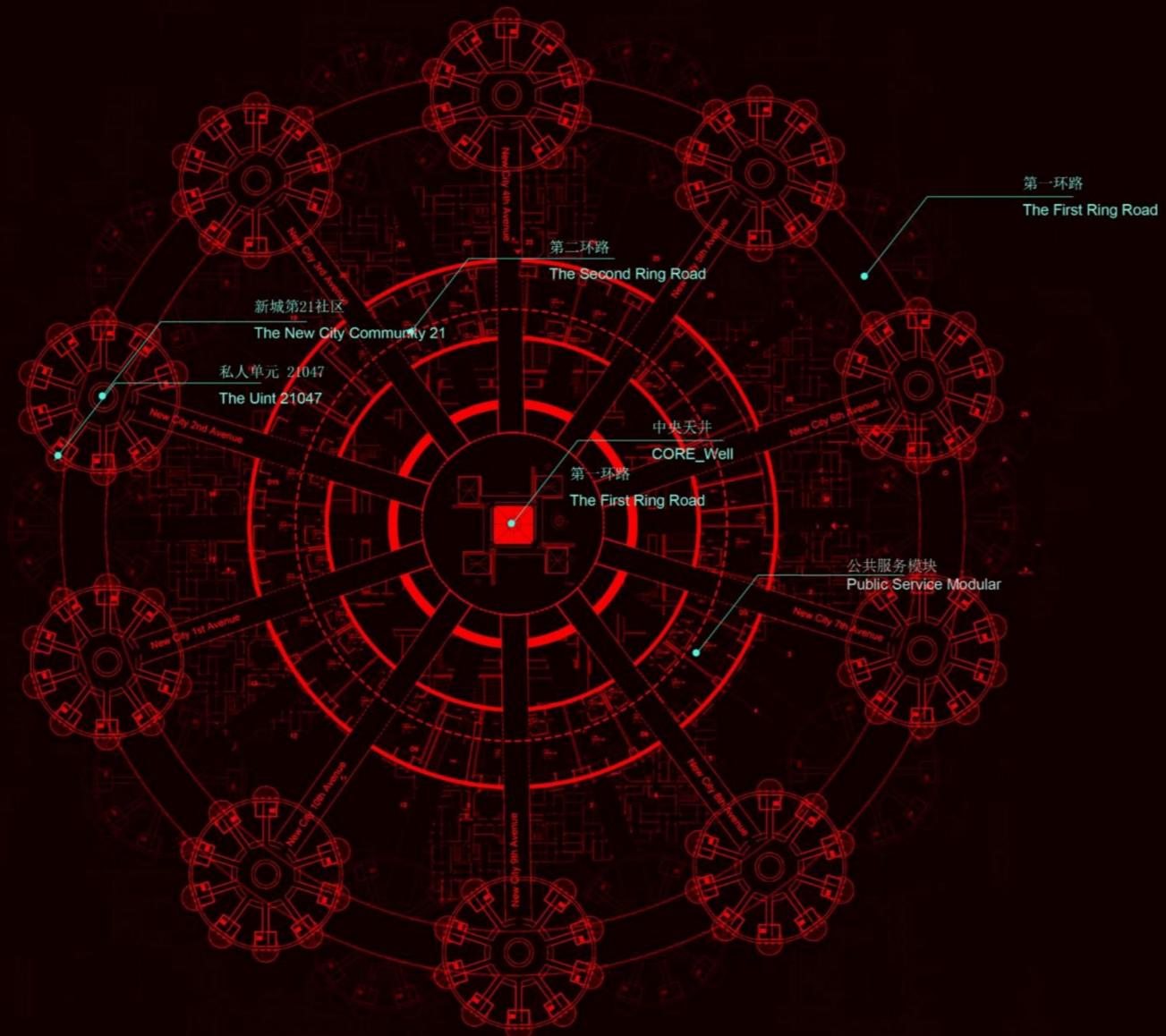
In 2094, confirmed by the unanimous consent: Resources will not be distributed equally from July, instead, it will be distributed by needs of different districts.

**中央天井2.0*

2094年, 通过管理者的一致决定, 从七月份起资源将不再被平均分配, 变成按需分配



-My parents are residents of the District NO.9, it's not too bad... And it's where I started, but I want to go up, higher, and I heard people on the upper level , I mean those who born as "Talented", they built the New City around 30 years ago, because they said the old one was limited in space and no privacy or freedom.... Hmm...The New City ...It sounds good.



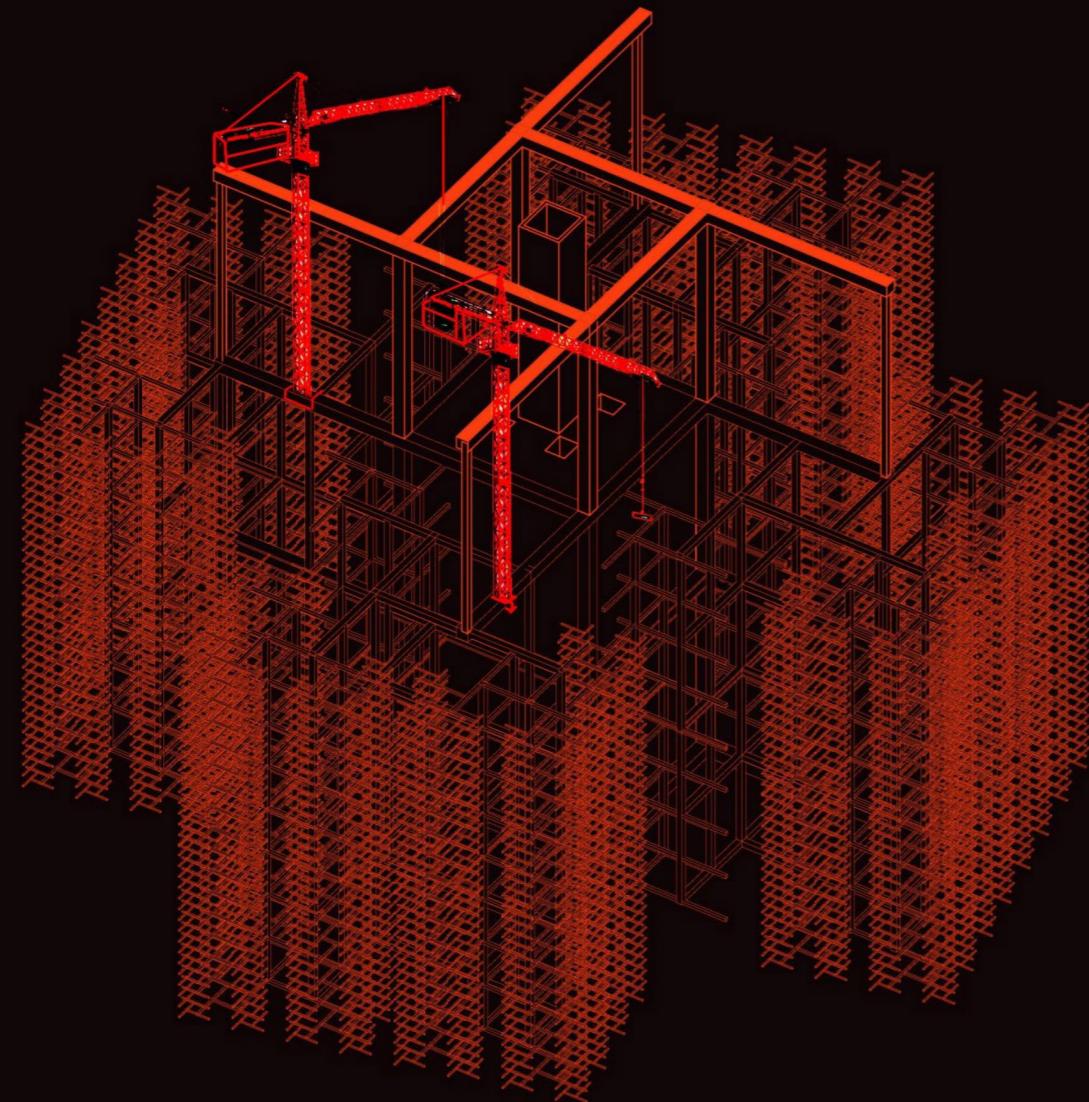
***New City:**
Completed and opened for residents at 30 years ago, it represents the residents start to rethink about the housing problem off the earth surface, and shows people's desire for a better life

***新城**
在30年前正式投入使用。
代表了塔内居民重新开始审视离开地球表面的生活，追求更高的生活质量



-Last month, I moved to No.19 District due to my outstanding performance. The staffs here is mainly responsible for the technical operation and scheduling of tower raise. The good thing is maybe I have chance have a glare at the new city, where I will live in the future.

LOADING



*** Tower Raise:**

As the population grows, people will add more modules for the tower to increase the height of the tower.

Every time the tower rises, all the people have to go back to their room, in case the shake causes them to fall through the structure gaps.

***升塔**

随着人口的增长，人们为新巴别塔增加更多的居住模块，也借此升高塔的高度。
每次升塔作业时人们都需要回到他们各自的房间，以免震动导致的坠亡。



***Tower Raise 2.0**

——Natural Tower Raise :

It's still a mystery like S-CORE and the Radiation.

It occurs like the tide, usually in the middle of the month, with a slight vibration of the building as a warning, usually accompanied by roaring noise. Scientists speculate that might be the orographic uplift of earth's surface for unknown reason.

***升塔2.0——自然升塔**

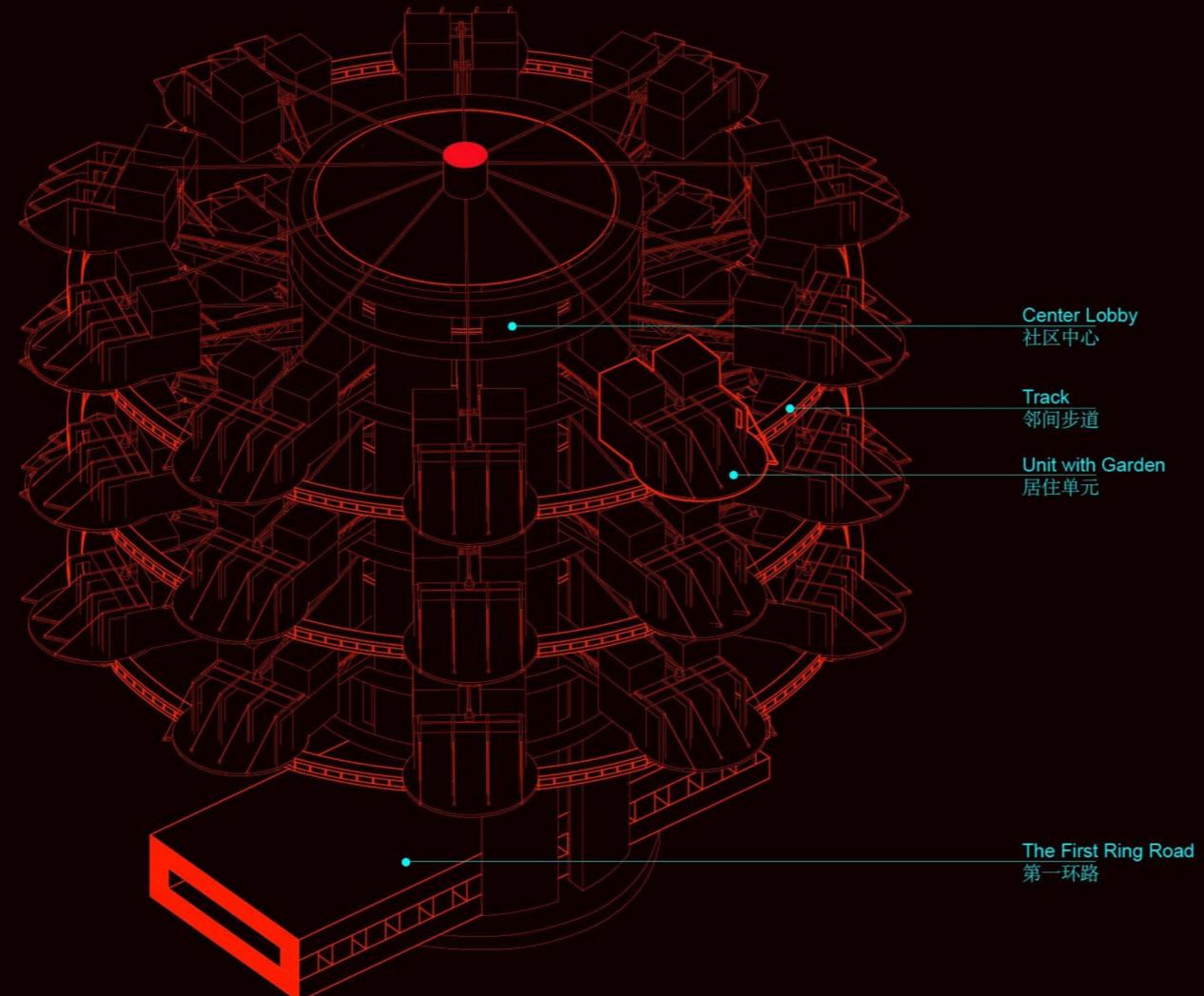
跟圣核心和这场灾难一样，仍然是个谜。
它像潮汐一样发生，一般在每个月的月中，通常
伴有轻微的震动以及嘶吼一样的噪音作为预警。
科学家推测这可能是未知原因导致的地壳升高。



I am so lucky! The construction site is just located in the New City. When I slowly rising with the crane . I feel supper excited.



-I catch a glimpse of the new city in the blood-red sunset. Oh...that's it, I lose my words.



***Community**

Every 30 units forms a community in the New City, sharing public facilities in the center and Tracks.

***社区**

每三十户居民组成一个社区，共享中间的公共设施和环形跑道。

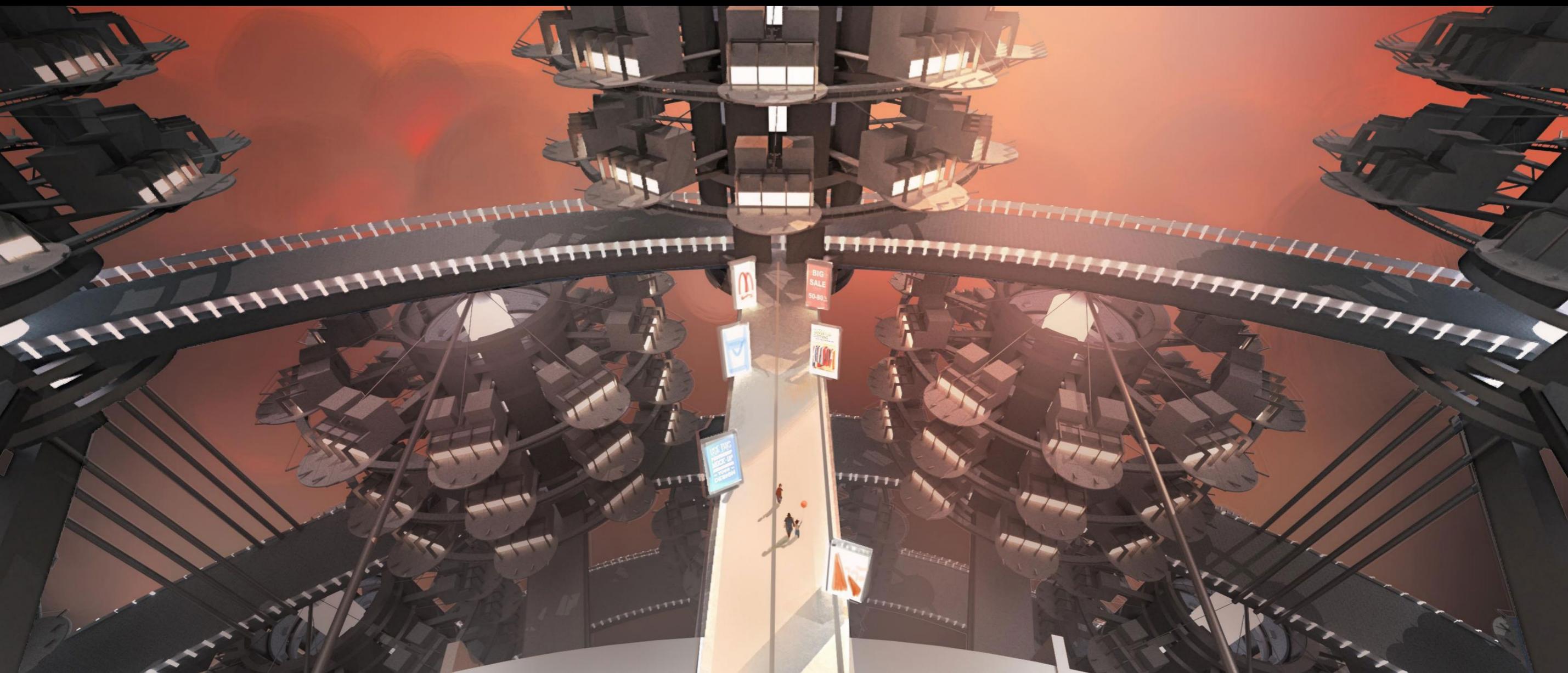


-I saw a girl standing in the garden with flowers. Oh, flowers.....I've only seen them in books. She is playing the violin and wearing a white dress with pretty lace. The material of the dress has beautiful sparkle in the sunset, just like the Bone, the most valuable material in the factory.

“Last week, a weird worker, who looks in her 40s, suddenly shouted something very rude to a talent 's child when she worked for the Tower Raise in New City.

The girl was frightened and hide into the house.”

一则传闻：上周一个看起来四十多岁的奇怪工人，在进行升塔工作的时候，突然间大声的向talents 的后代喊着什么，非常粗鲁。
把女孩吓得躲回了屋子里。



-The new city is cute, as well as the child there, I try to talk to her loudly: Your dress looks so good, how did you get it?

Because I have never worn a dress. Sadly, she doesn't answer.

But at the end of the day, things happened beyond my expectation, I was informed by the team leader that I had been downgraded, for being accused of harassment



*** *Bone 2.0:***
More than one decade after people living in the Tower, the Bone's composition changed. Scientists discovered other metal elements, which could be purified and put back into production.

*** “骨”2.0:**
人类迁移到塔内的十多年后，“骨”的成分发生变化，科学家从中发现了其他金属物质，这些金属物质可以被提纯，重新投入生产。

This is our world, from the past to future.....

一直都是这样.....



-I was sent back to the District No.9. From that day, I started to feel sick, and had nightmares every night, in my dream I was falling.
But I think it's nothing to be scared, it's easier to go down than up.....



***Dust city**

An informal shelter for people who are unable to work, which located in the bottom of the Tower.

***锈都**

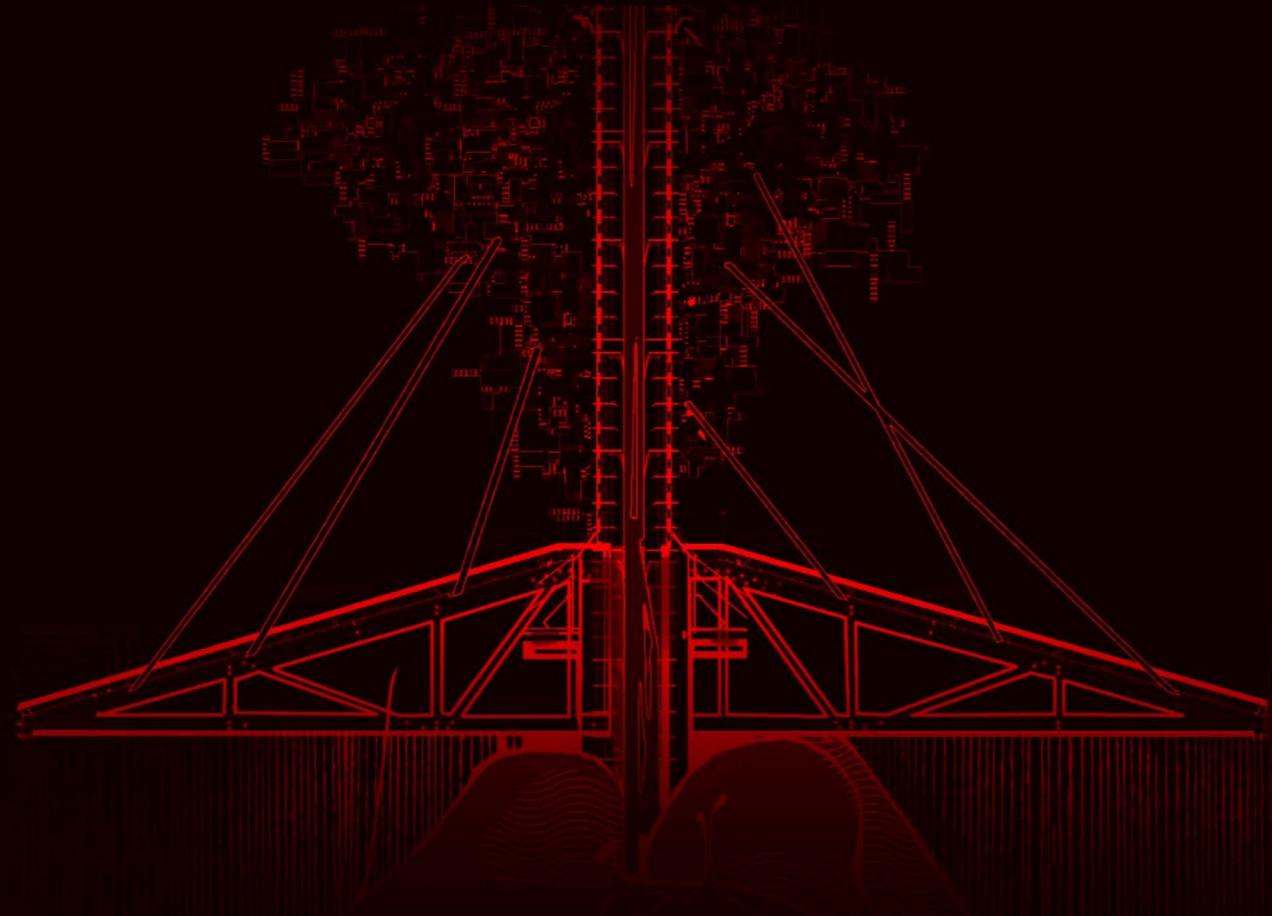
最底层的，对于失去劳动能力的人员的非正式庇护所。



I haven't recovered from the illness for a long time. I fell from District No.9 to District No.1. Finally, the manager told me , the factory needed more labors, so I would be sent to the shelter under the factory .



It's called Dust City. There's no distribution of resources, what we have is only something rest from the top, as well as some garbage will be thrown down. There are no rules. Some people form the gang , they hold the top stories. But when I tried to join them, they said don't accept women.



**The CORE Well System 3.0:
About garbage disposal,
All waste from the Well System is dumped
to the Earth's surface.
The bodies of those who died unexpectedly
will also be returned to their hometowns
after a big funeral ceremony*

**中央天井3.0
关于垃圾投放,
所有的垃圾从中央天井统一丢弃至地球表面。
不幸遇难的同胞，在举行葬礼后，也将把他们的
遗体归还故乡*



I feel I am dying every day. I started to have headaches, and red spots on my skin. But it all doesn't matter, because it couldn't get any worse, and I feel free. I make a decision today. I decide to leave here. I don't know if I was the only one who jumped down from here, I guess not. What dose the earth look like now? I hope I am lucky enough to catch a glimpse of the surface when I fell

LOADING



** Protection layer:
The structure at the bottom of the Tower.
It can decrease some radiation*

**保护层：
塔底的结构层，对辐射有一定的过滤作用*

She jumped off from the edge of the protection layer.

Is it an illusion?

She saw the red giant holding the tower and licking the bottom

Suddenly the giant gave a groan of pain

And she heard a prayer from the top of the tower.

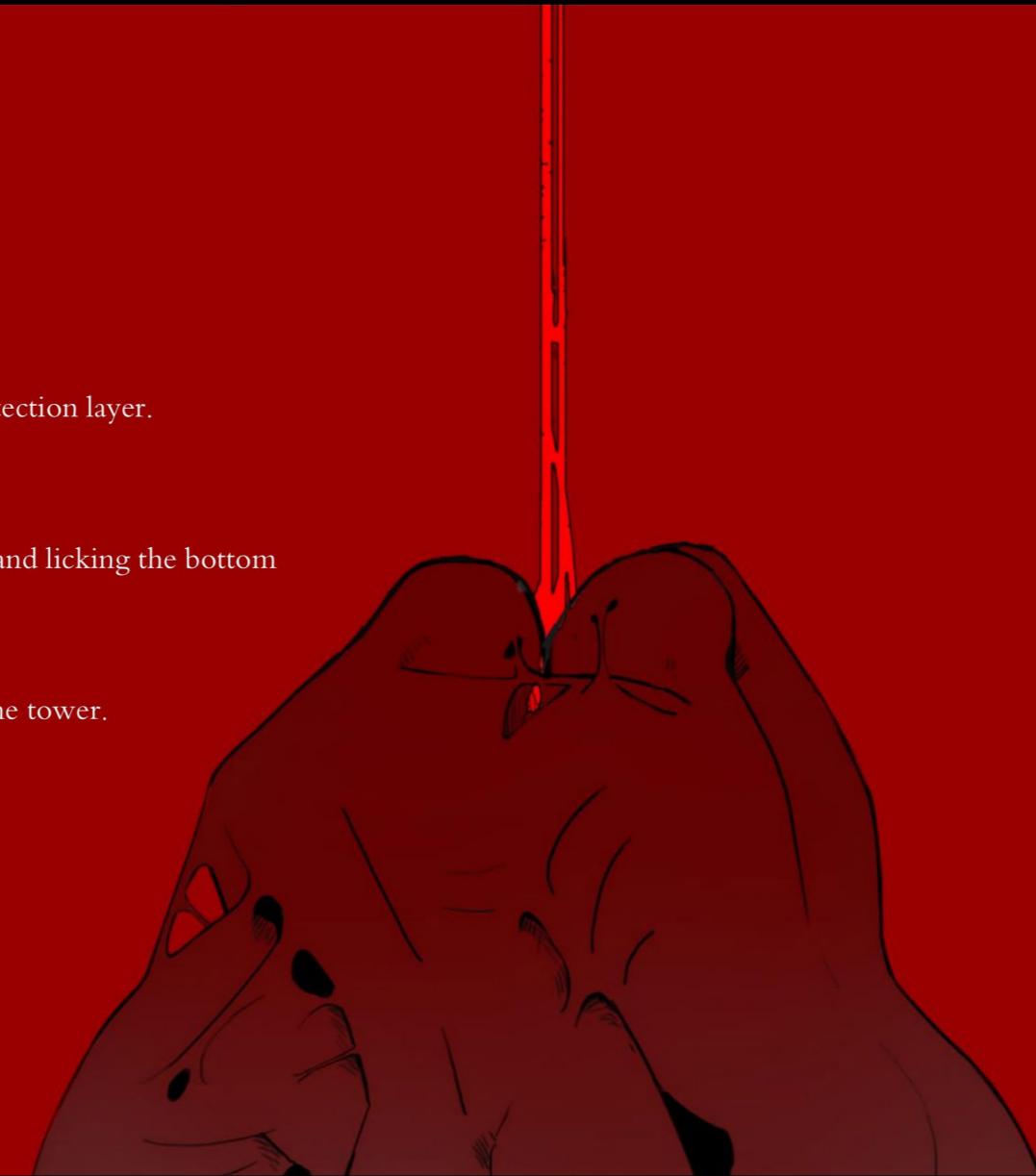
她从保护层的边缘一跃而下。

是幻觉吗？

她看到红色的巨人托着高塔，在舔舐着塔底，

突然巨人发出痛苦的呻吟，

而塔顶传来的祈祷声。



--END--