



Light, From Rise to Decline.

- The light and shadow of order and chaos
- The establishment and dissolution of civilization.

Duration: 1 Month
Project Type: Landscape Installation
Design
Teamwork
Collaborators: Cong Nie, Di Chen
My Role: Researcher, Idea Developer,
Installation Designer, Modeler.
Individual Rework

Velux International Award 2016 Entry

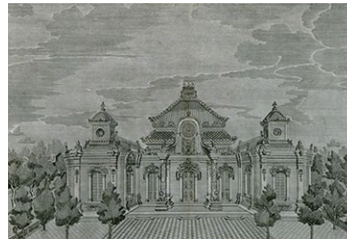
Context Introduction.

In 1900, during the Eight-Power Allied Forces war of aggression against China, one of the world's most famous garden, The Old Summer Palace, was rubbed and totally destroyed by the coalition and mobs, leaving us only sections of the ruins.

Hoping to reproduce the process of this royal garden from its glory to ruin, we decide to set a translucent film device which can complete the completion of light on the ruins of Old Summer Palace. Merging with the shadow of the ruins itself, it will show the "fragmentation, reproduction and ruin" of the Old Summer Palace.

At the same time, the installation will be a retaining structure, protect and maintain the ruins. Using the light and shadow to show the objective history 156 years ago, such a installation will help us face the history in a deep and calm mood.

History of the Palace.



Old Summer Palace in its heyday
Qing Dynasty / AC.1800



Old Summer Palace after robbed by the aggressor
AC.1860

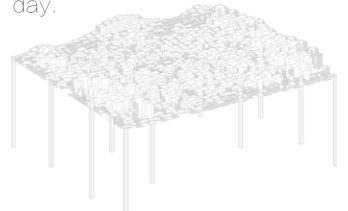


Old Summer Palace as ruins
AC.1910~Now

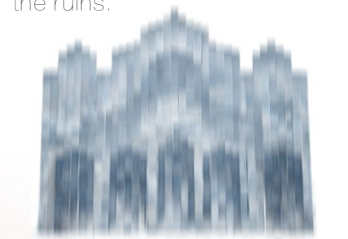
Theory of the installation



Rigui(universal dial) is a traditional Chinese clock, shows time through shadow created by the sun in different position in a day.



In case to protect the relic and to recreate the marvelous shadow of the Old Summer Palace, a roof was designed to put above the ruins.



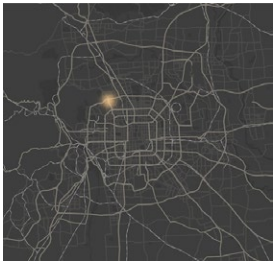
Every noon, light go through the roof will create thousand pieces of dark and pale shadow, which forms the facade of the palace.



Location.



China

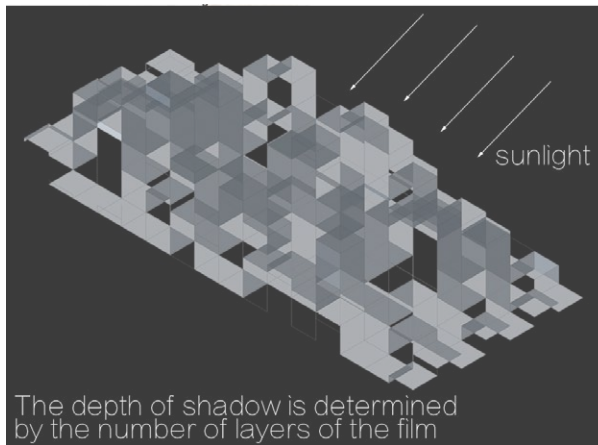


Beijing



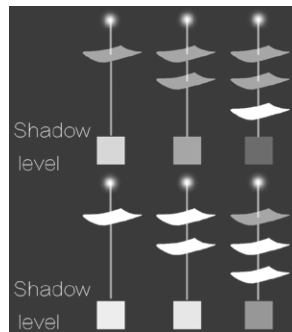
Garden of The
Gardens

How it works.

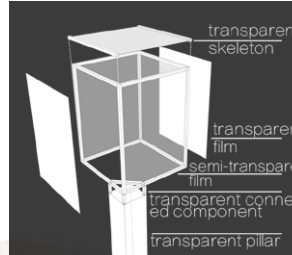


Shadow Analysis

As the solar zenith angle makes regular changes over time, the light and shadow will vary regularly through our structure, and then reach the light and shadow that Old Summer Palace should be in its heyday on 18th Oct (memorial day of The Old Summer Palace). And then as time goes on, the complete and glaring shadow will gradually dissipate and fracture, reflecting the mobs' long-term and further damage of Old Summer Palace after the destruction of the British and French troops.



Unfull transparent film



Construction

The Change of shadow. in one day at AM 11:58 in one year

