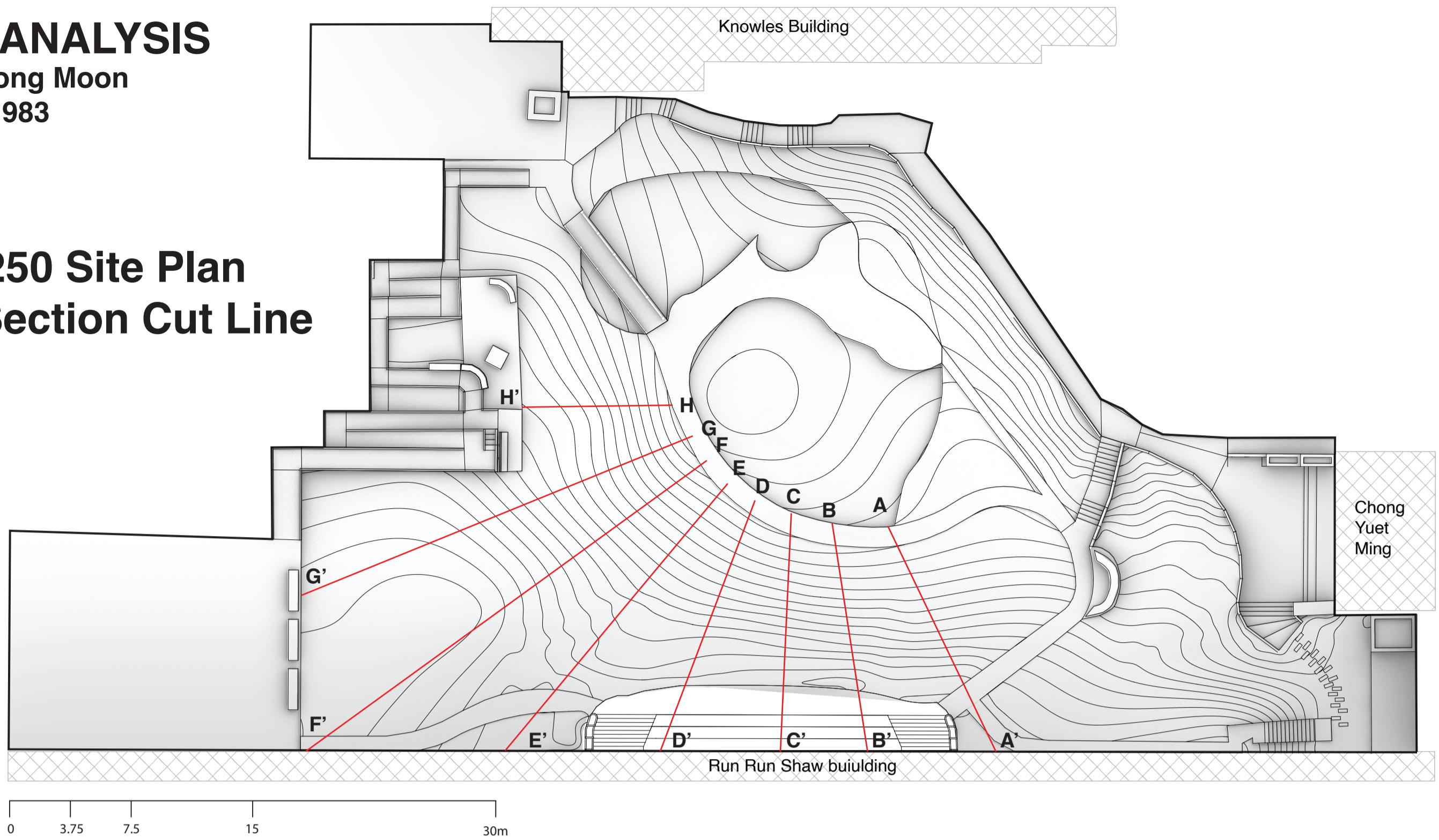


# SITE ANALYSIS

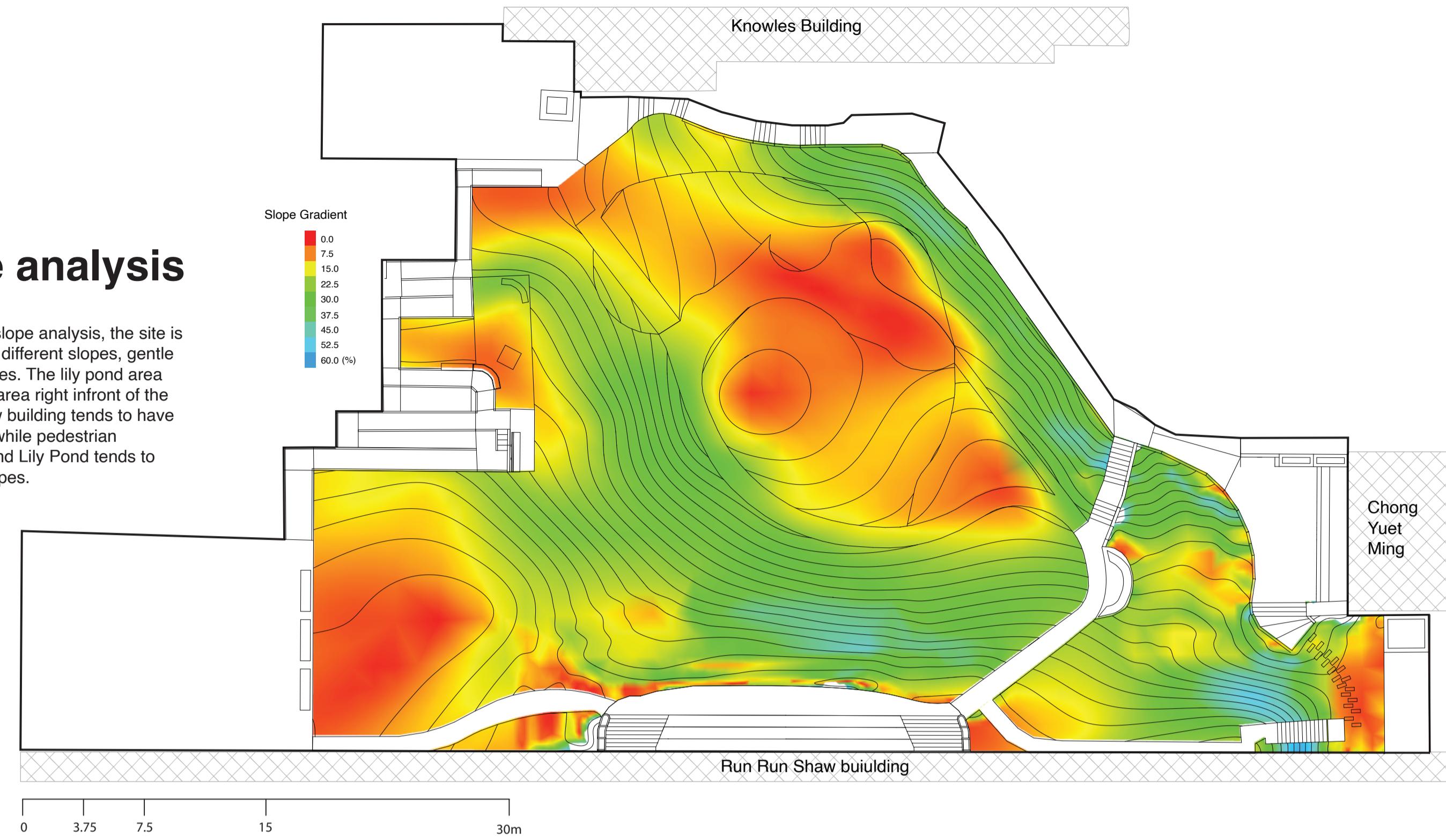
Joonseong Moon  
3035711983

## 1: 250 Site Plan & Section Cut Line

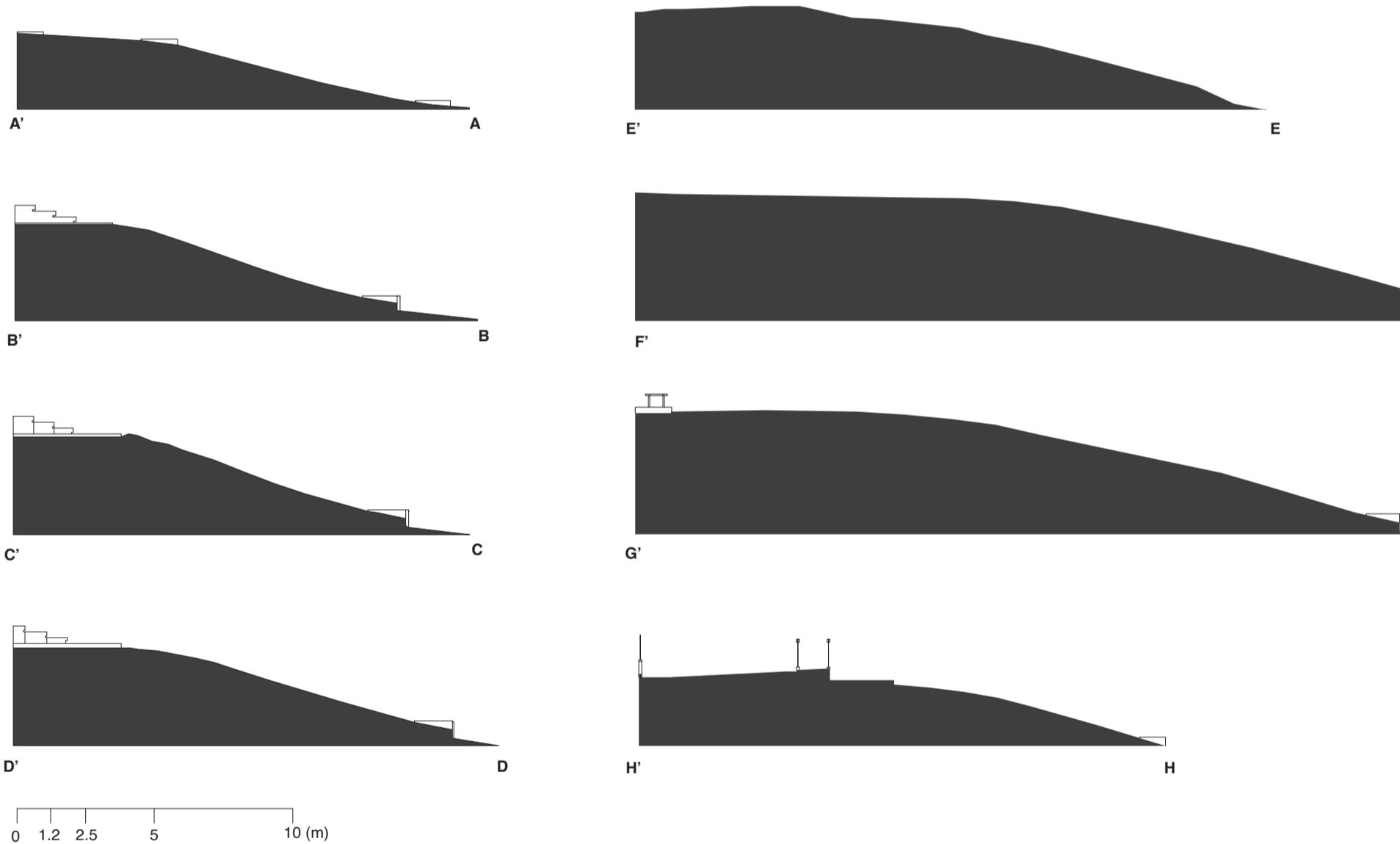


## Slope analysis

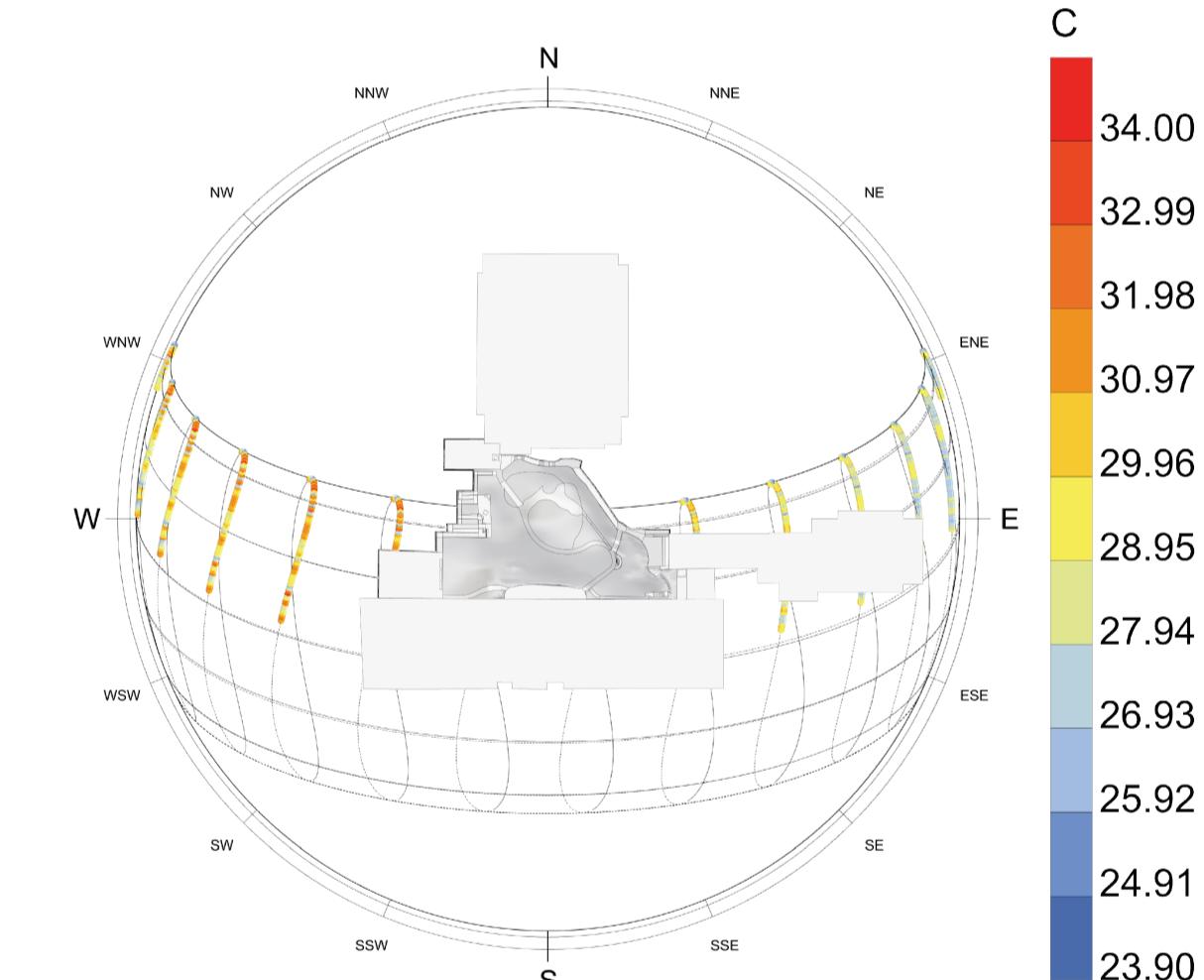
Based on the slope analysis, the site is combined with different slopes, gentle and steep slopes. The lily pond area and the grass area right in front of the Run Run Shaw building tends to have gentle slopes while pedestrian networks around Lily Pond tends to have steep slopes.



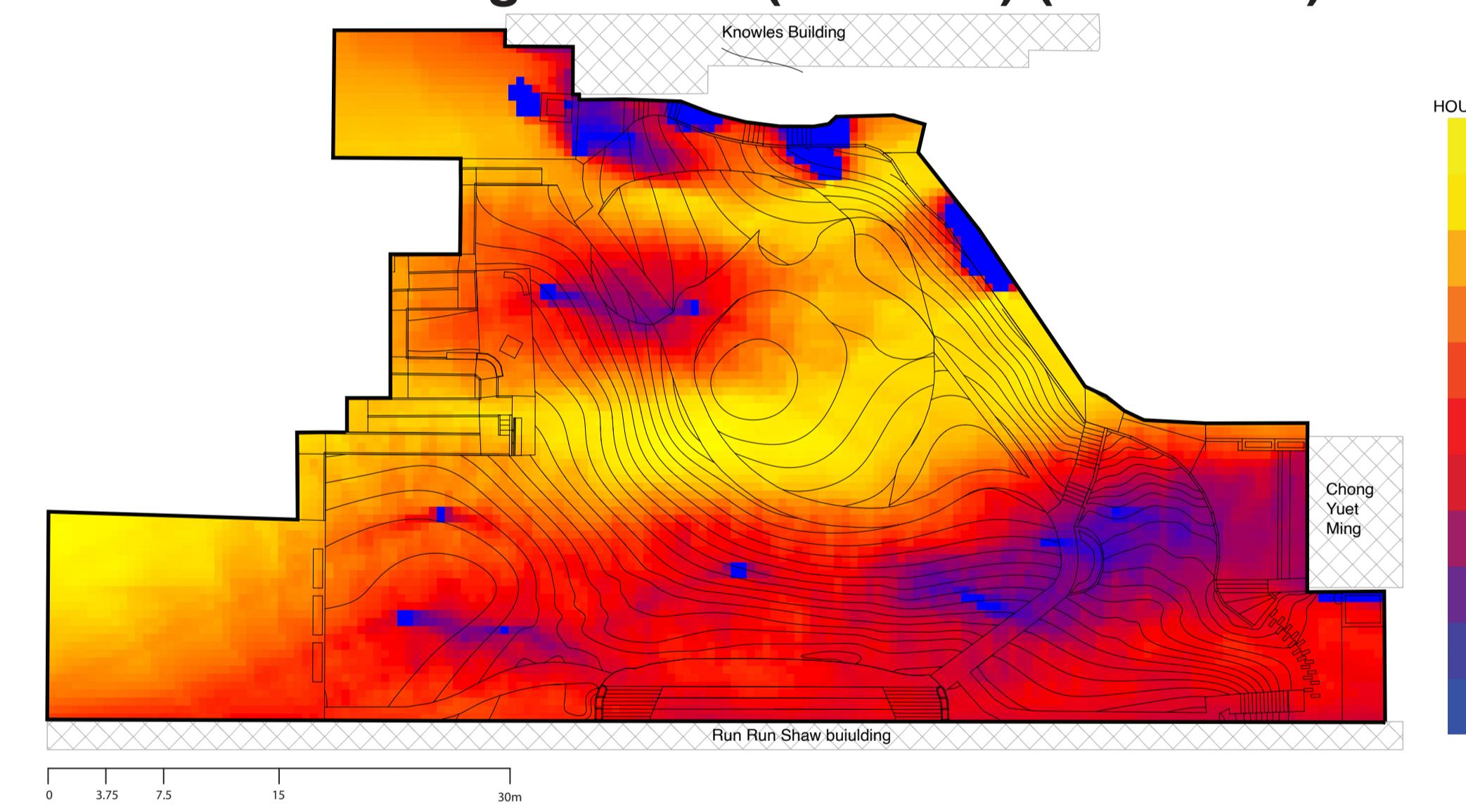
## 1: 200 Sections



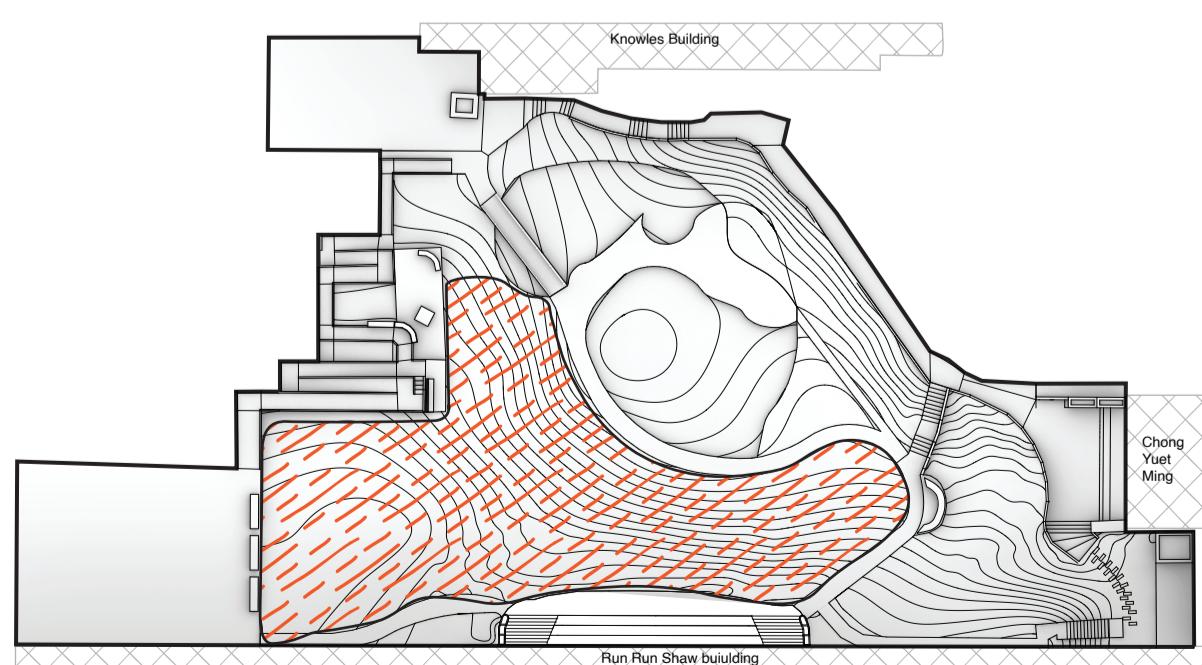
## Sunpath (Summer) (Jun - Aug)



## Direct sunlight hours (summer) (Dec - Feb)



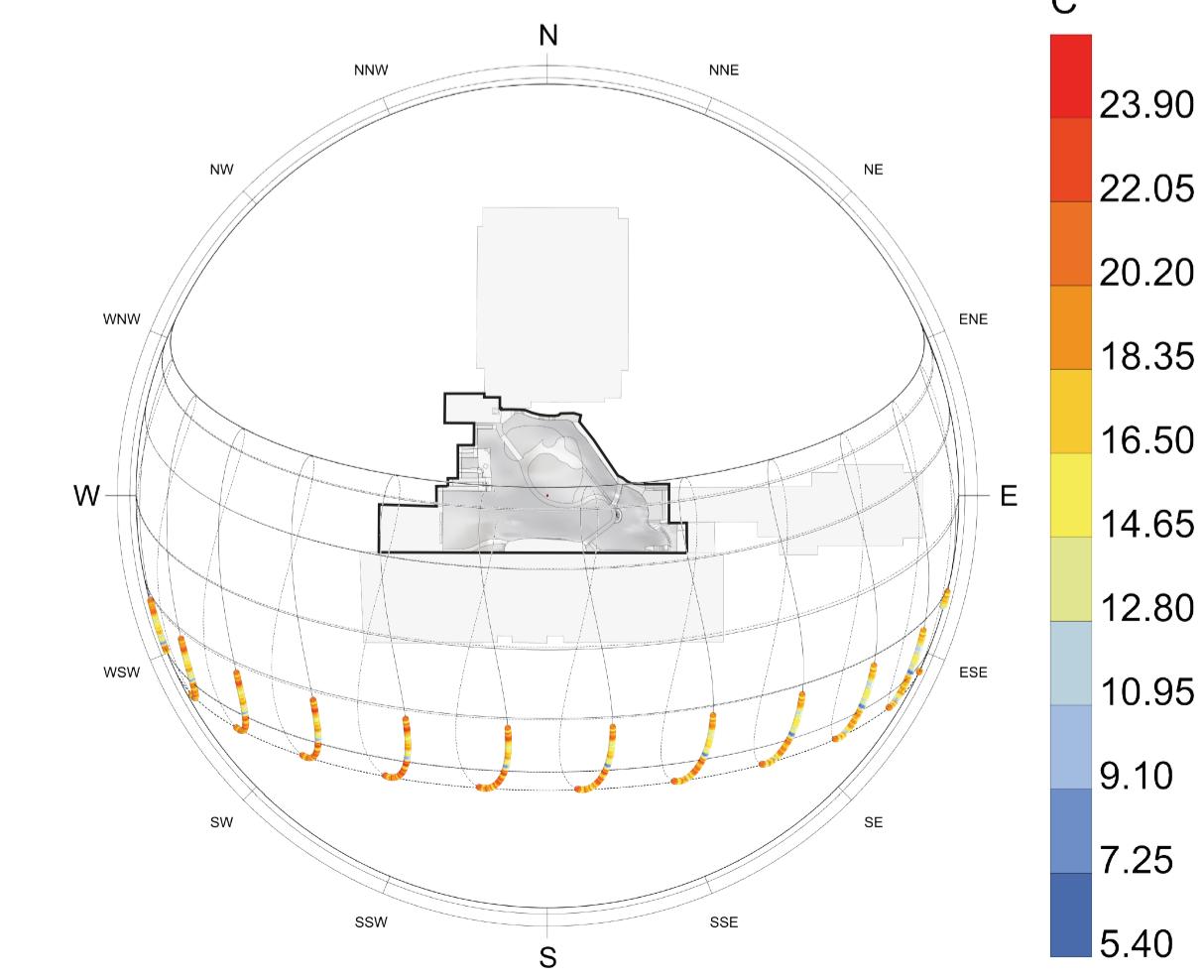
## Main slope area



The main slope area is located between Run Run Shaw building and Lily Pond area. The area has the area where it has gentle slopes and steep slopes. The area is studied through 8 different sections to show the variations and changes over area. Section lines are created through Bison, and infrastructures such as pedestrian roads and benches are added by using clipping planes in Rhino.

Based on the site research and analysis through Ladybug, the location of the sun is continuously changing based on the time period. For example, In winter, Sun is located on the lower side of the equator while sun is located on the upper side of the equator during summer. Based on this result, the difference is shown through direct sunlight hour analysis. There are locations where direct sunlight hours are significantly different based on the sun locations.

## Sunpath (Winter) (Dec - Feb)



## Direct sunlight hours (Winter) (Dec - Feb)

