

Kalecik, Ankara

Elif Ünal - Gül Gülşen





Konum: Kalecik/Ankara (40°05'45.1"N
33°24'38.0"E)

Program: Şarap Satış Birimi

Alan: 72 m²

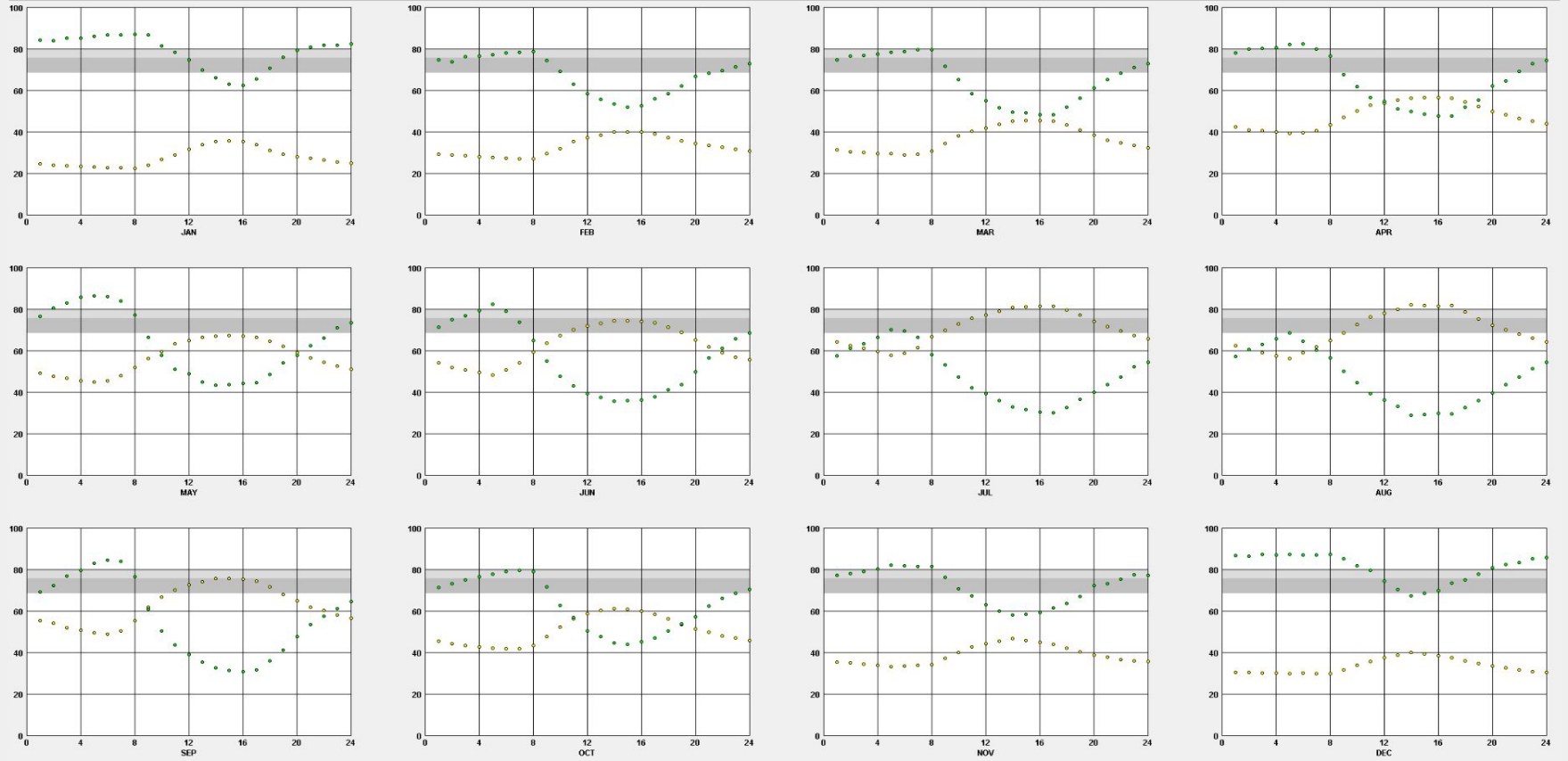
Taşıyıcı: Taş Yığma Yapı

İklim: Mikroklimatik iklim

Climate Consultant Analizleri

DRY BULB X RELATIVE HUMIDITY ASHRAE Standard 55-2004 using PMV

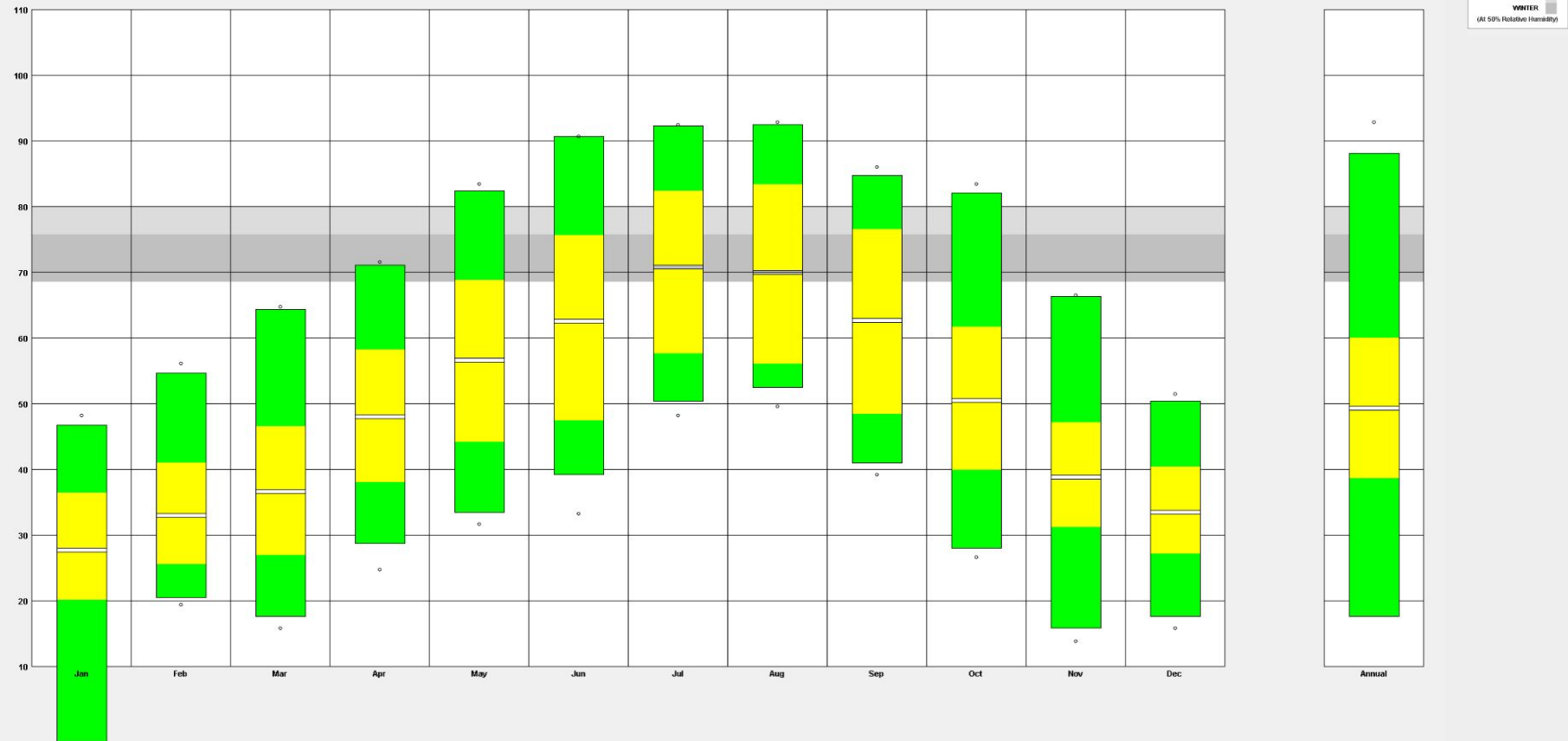
LOCATION: ANKARA, -, TUR
Latitude/Longitude: 40.12° North, 32.96° East, Time Zone from Greenwich 2
Data Source: IVEC Data 171280 WMO Station Number, Elevation 3113 ft



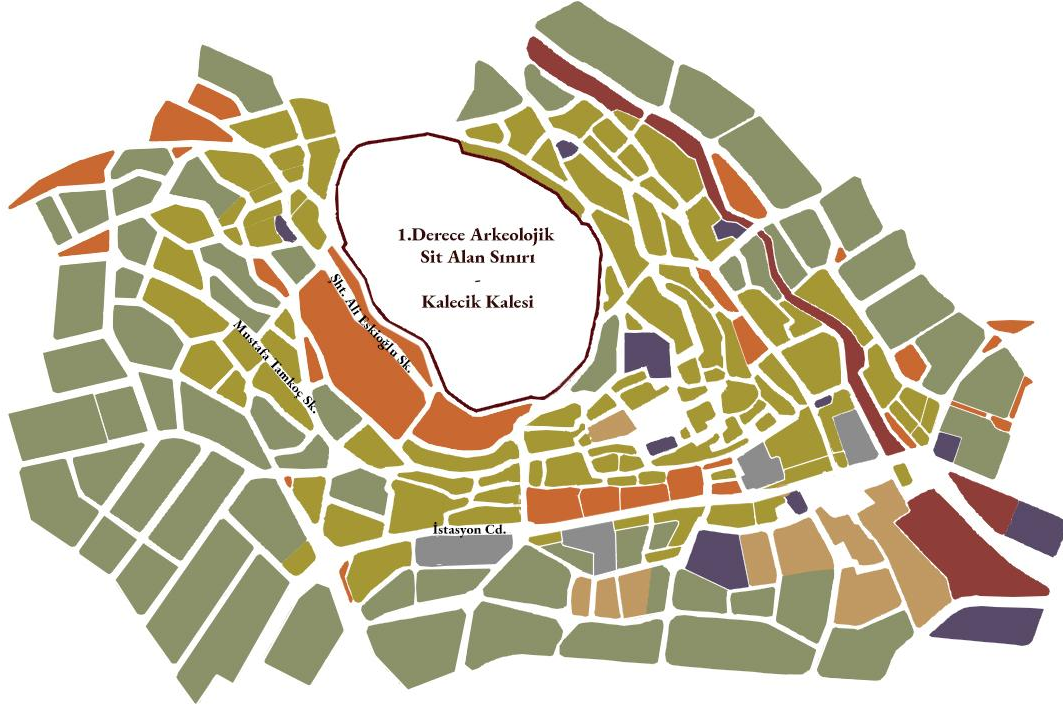
Climate Consultant Analizleri

TEMPERATURE RANGE
ASHRAE Standard 55-2004 using PMV

LOCATION: ANKARA, -, TUR
Latitude/Longitude: 40.12° North, 32.98° East, Time Zone from Greenwich 2
Data Source: IVEC Data 171280 WMO Station Number, Elevation 3113 ft



Malzeme Analizi



İbadet Alanları

Konut Alanları

Konut Alanları

Ticaret Alanları

Konut Alanları

Dere Alanları

Belediye Hizmet Alanları

Tarihi Kent Merkezi



Ahşap



Kerpiç



Kiremit



Tuğla



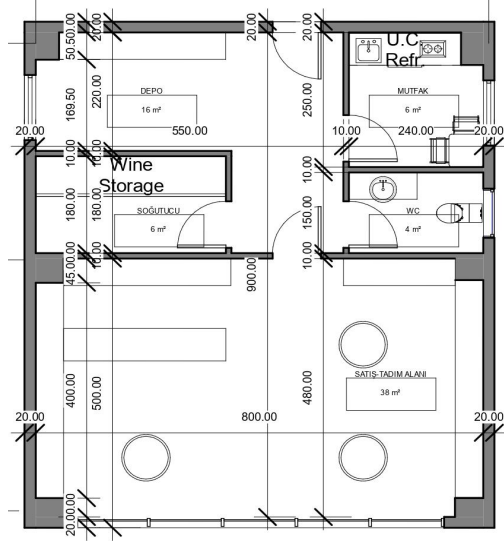
Kaba Yontu Taş



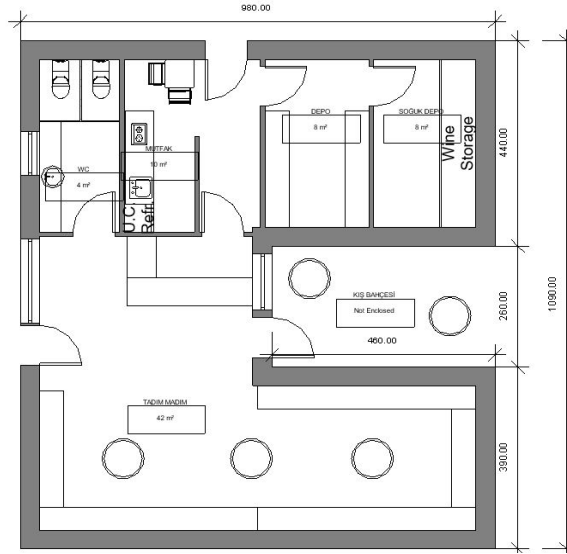
Kesme Taş



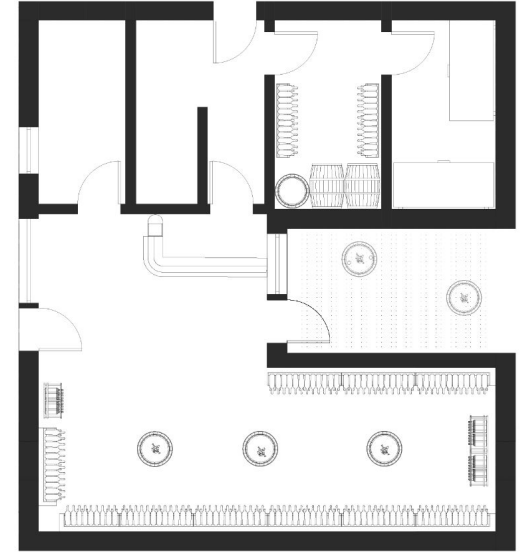
Zemin Kat Planı | 1/50 | Yapılan Değişiklikler



Alternatif 1



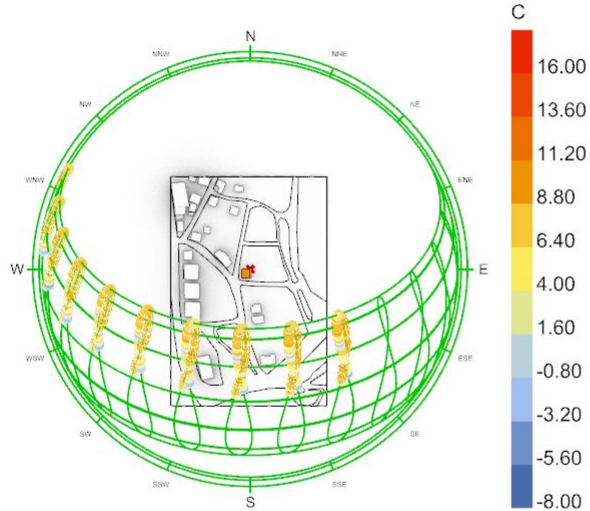
Alternatif 2



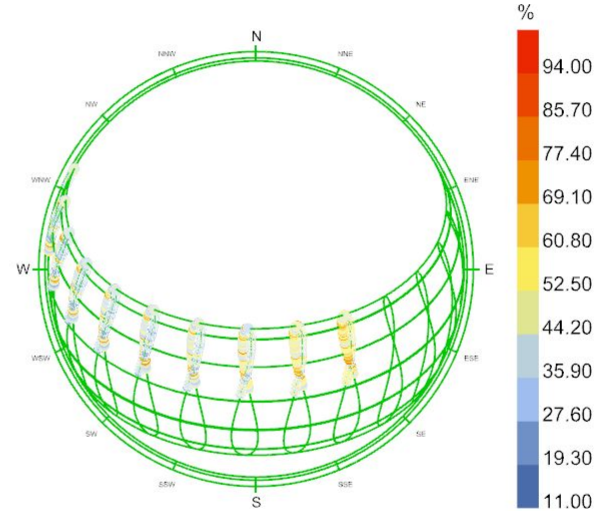
Alternatif 3

- Malzeme olarak taş kullanıldı.
- Depolar ara kısımlara yerleştirildi, ses izolasyonu sağlandı.
- Cam açıklıkları şaraplar ışık almayacak şekilde yerleştirildi.
- Kamusal alanlara iki kapıdan ulaşılabilir.
- Özel alanlar ve kamusal alanlar tezgah arkasına gizlenen bir kapıyla birbirinden ayrıldı.
- İki kısmın arasında kalan bölge insanların dışarıda tadım yapabilmesi için ayrıldı.

Sun Path| Alternatif 1

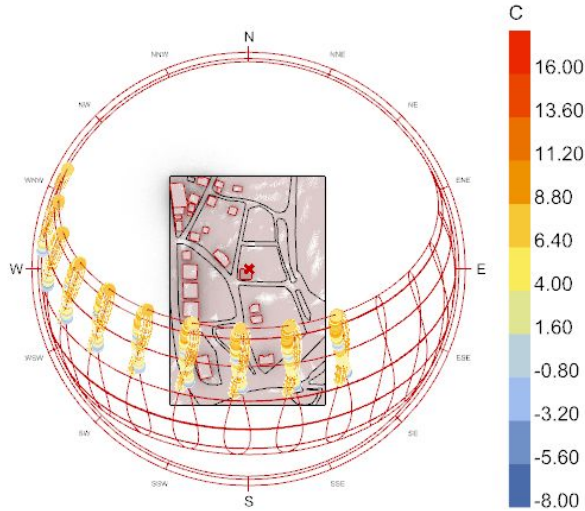


Dew Point Temperature (C)
city: ANKARA
country: TUR
time-zone: 2.0
source: IWECC Data



Relative Humidity (%)
city: ANKARA
country: TUR
time-zone: 2.0
source: IWECC Data

Sun Path| Alternatif 2 ve Alternatif 3



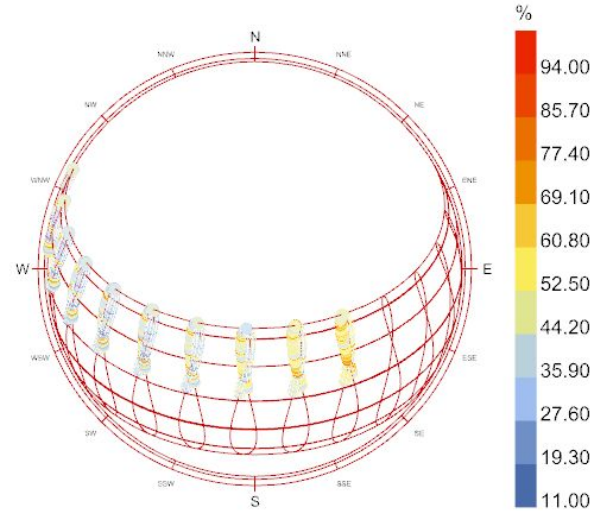
Dew Point Temperature (C)

city: ANKARA

country: TUR

time-zone: 2.0

source: IWECC Data



Relative Humidity (%)

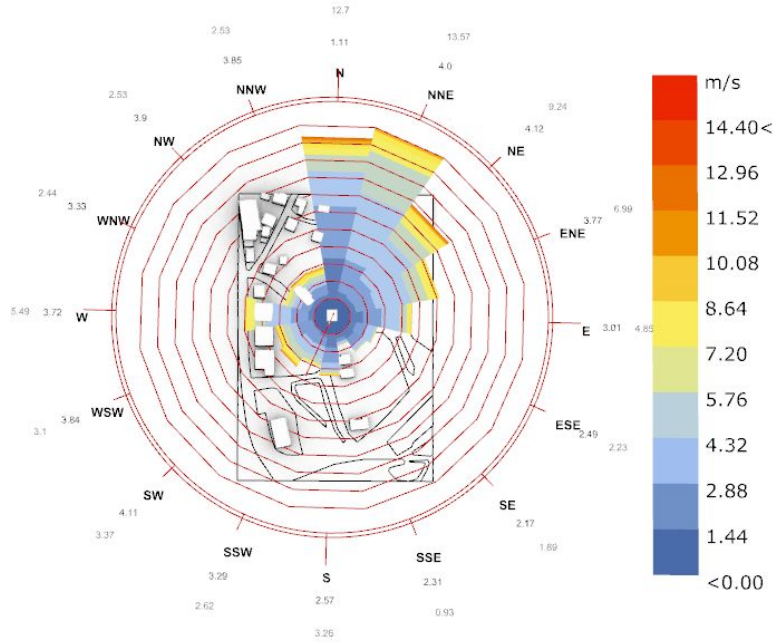
city: ANKARA

country: TUR

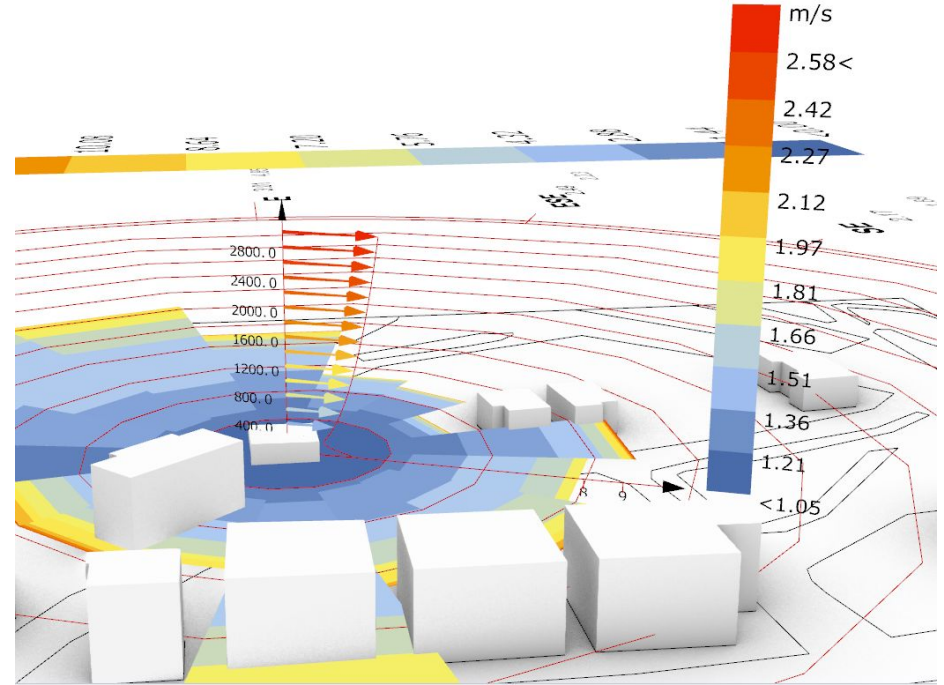
time-zone: 2.0

source: IWECC Data

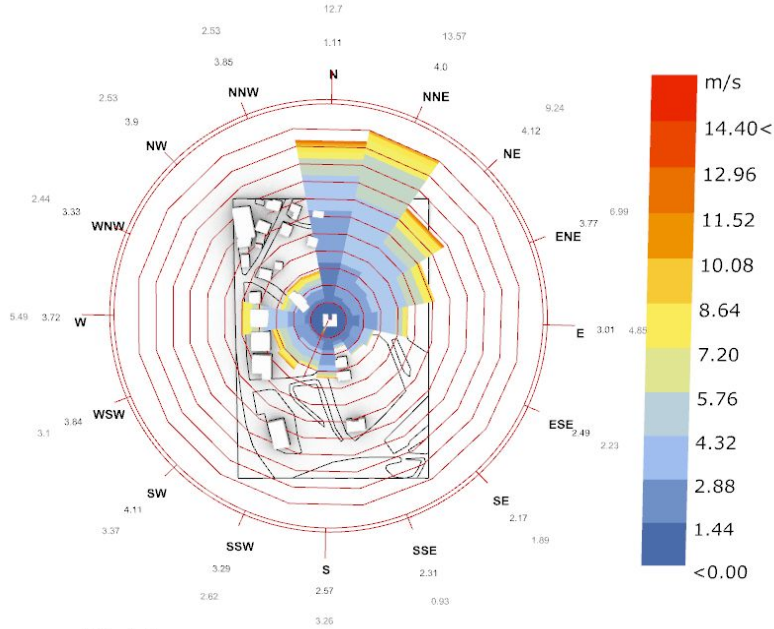
Rüzgar Analizi| Alternatif 1



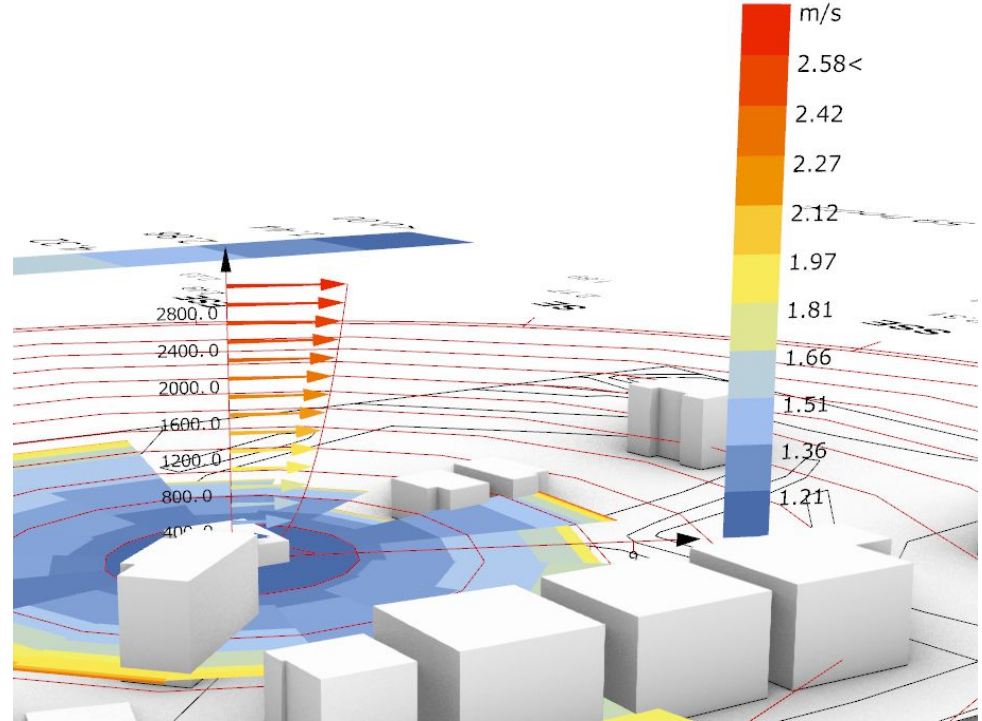
Wind-Rose
ANKARA_TUR
1 APR 1:00 - 30 SEP 24:00
Hourly Data: Wind Speed (m/s)
Calm for 22.27% of the time = 978 hours.
Each closed polyline shows frequency of 1.4%. = 59 hours.



Rüzgar Analizi| Alternatif 2 ve Alternatif 3

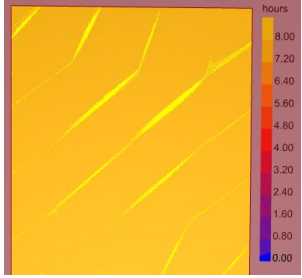


Wind-Rose
ANKARA_TUR
1 APR 1:00 - 30 SEP 24:00
Hourly Data: Wind Speed (m/s)
Calm for 22.27% of the time = 978 hours.
Each closed polyline shows frequency of 1.4%. = 59 hours.

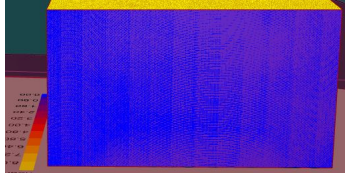


Solar Radiation Analizi | Alternatiflerin Karşılaştırılması

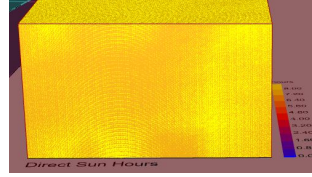
Üst Görünüş



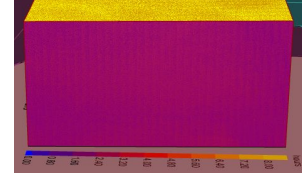
Kuzey Cephesi



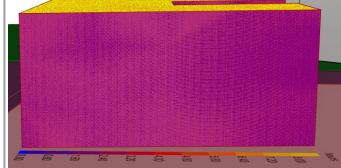
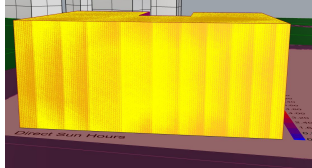
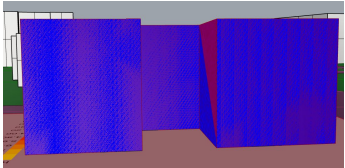
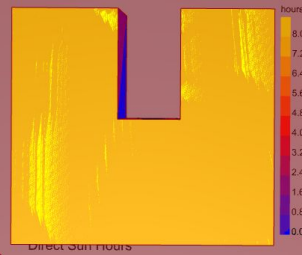
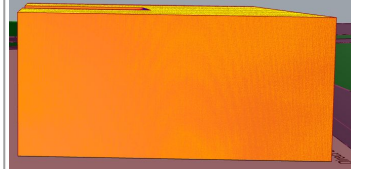
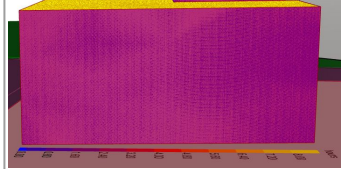
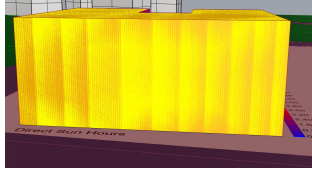
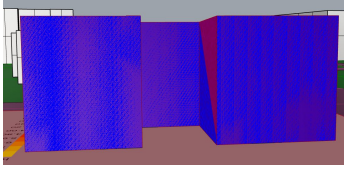
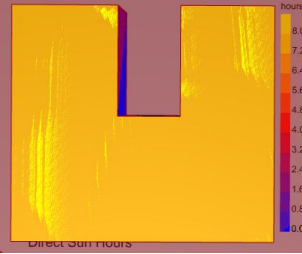
Güney Cephesi



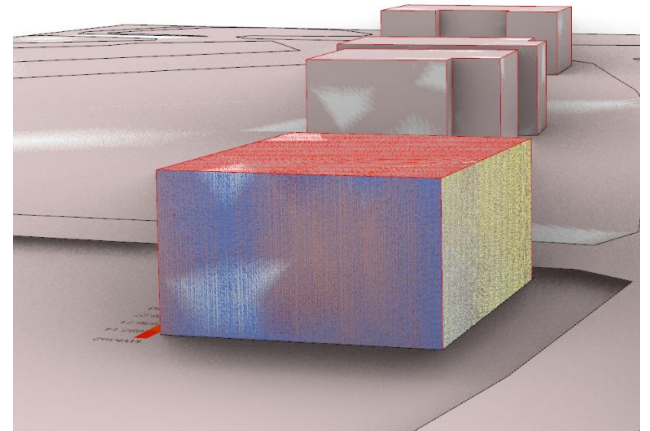
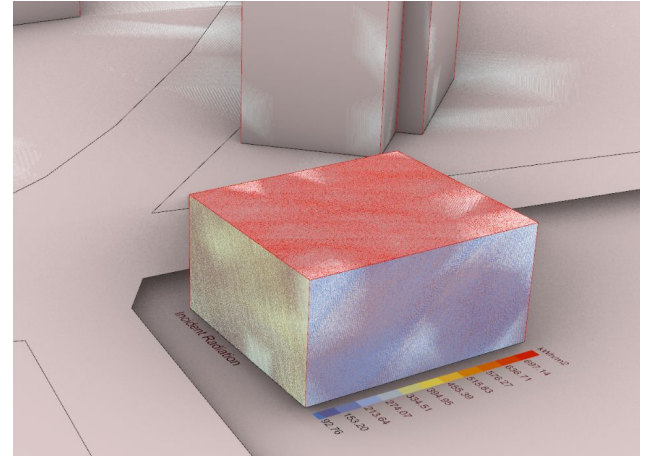
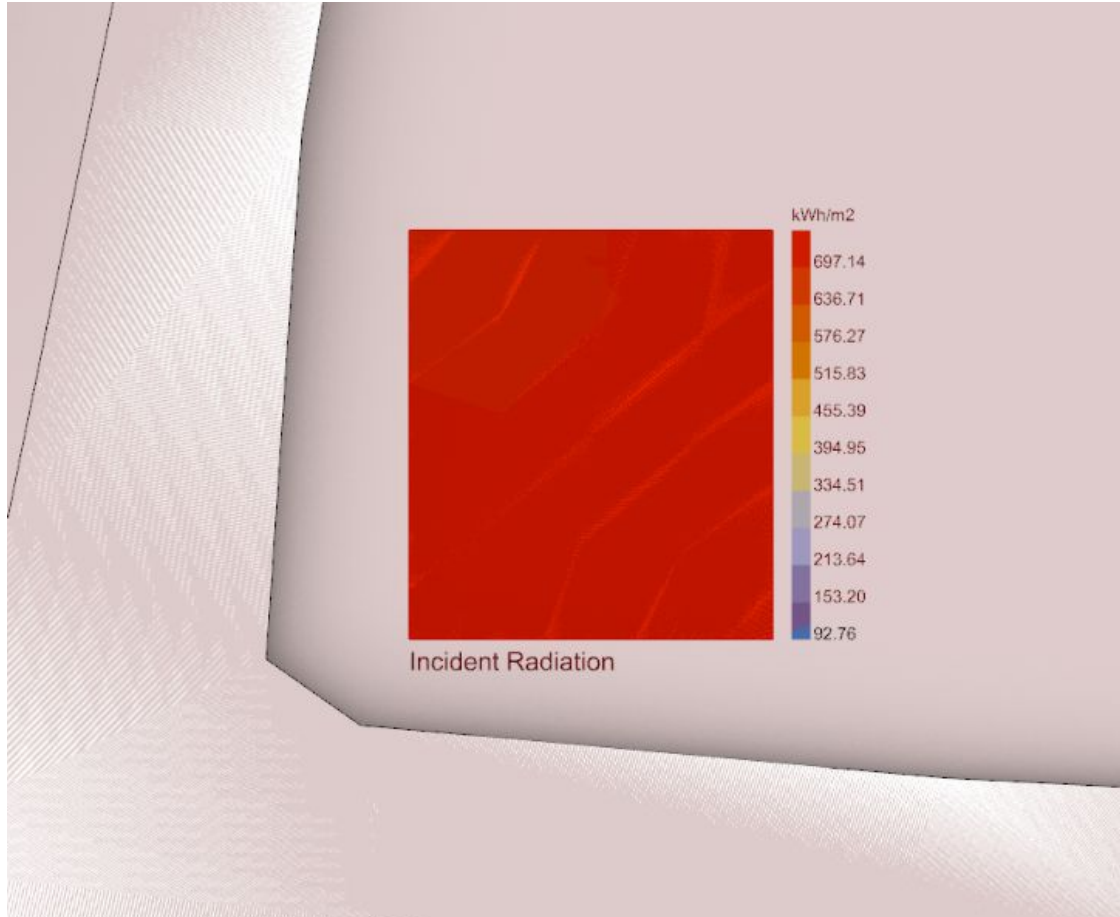
Doğu Cephesi



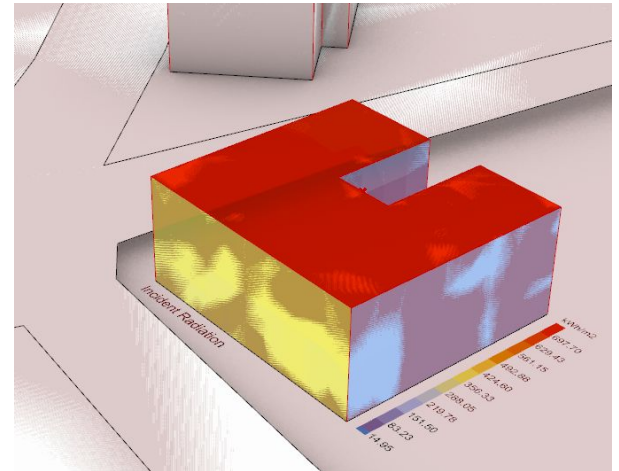
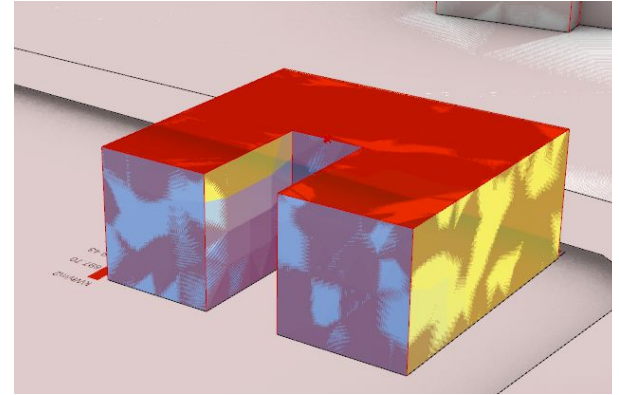
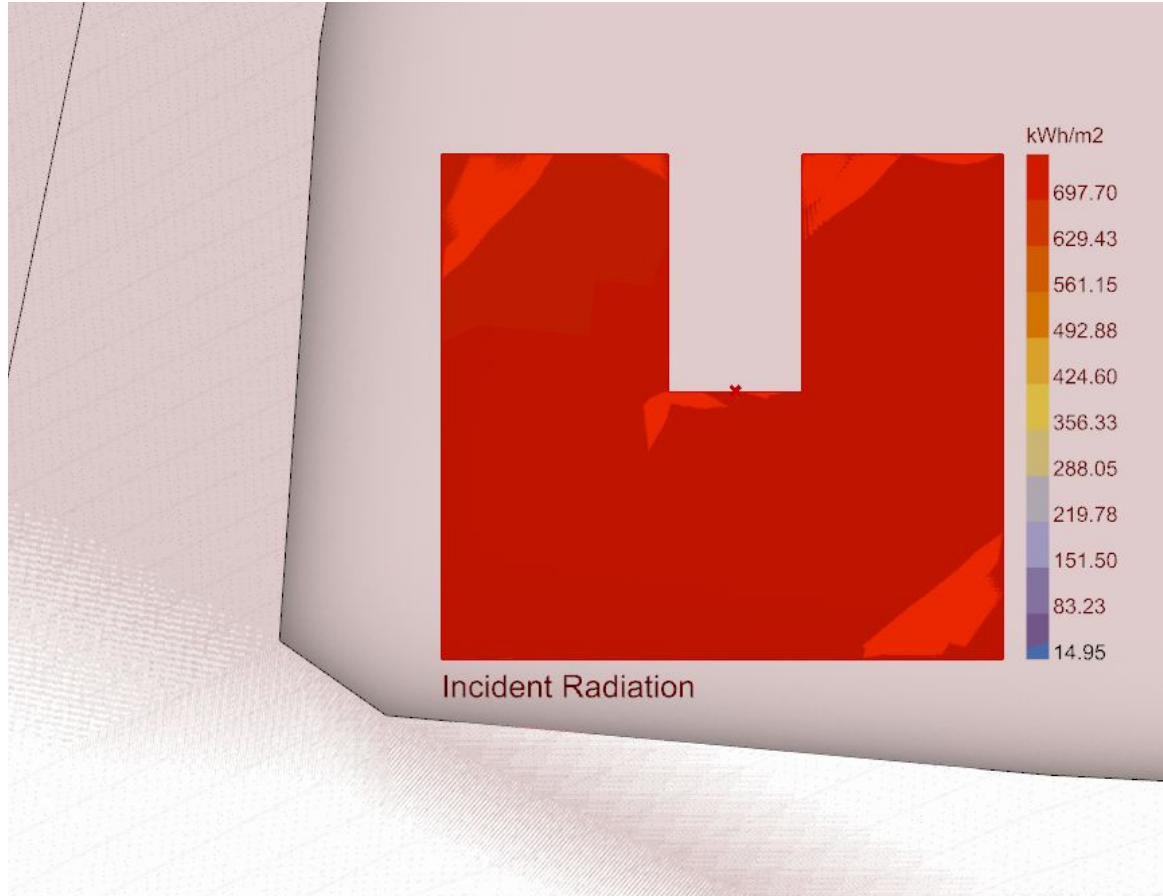
Batı Cephesi

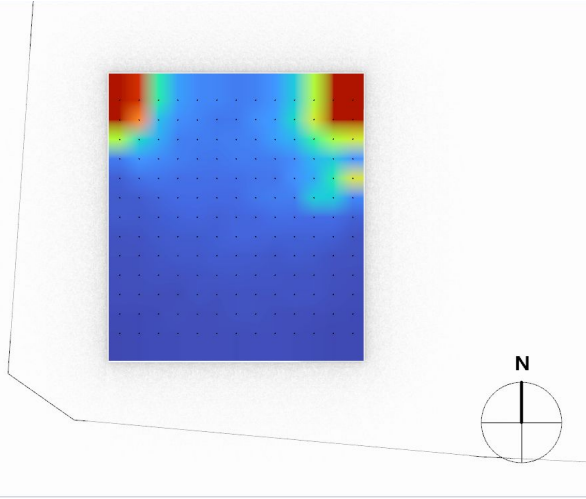


Sun Path | Alternatif 1

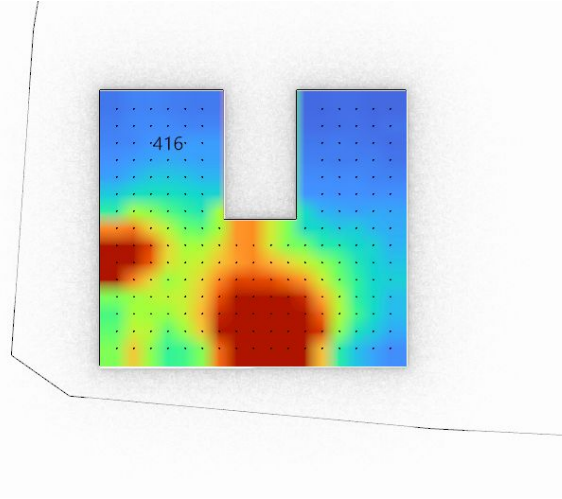


Sun Path | Alternatif 2 ve Alternatif 3

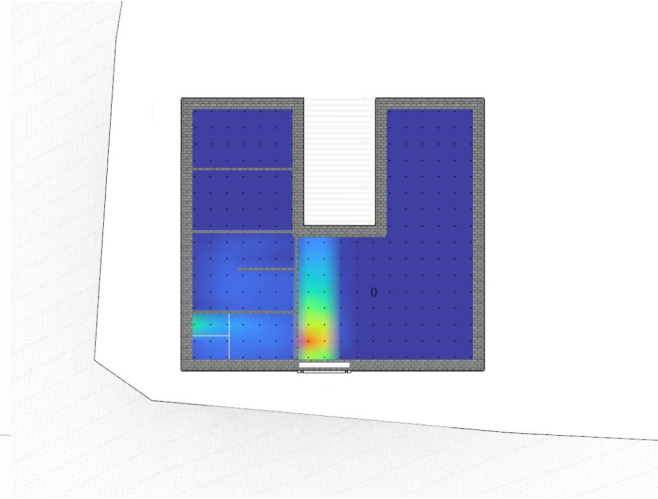




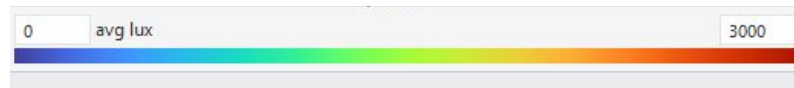
Alternatif 1

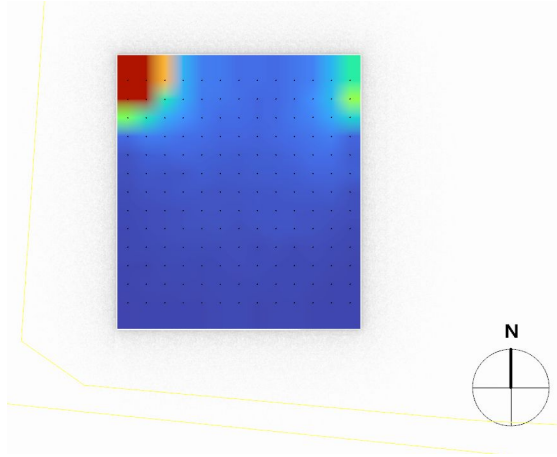


Alternatif 2

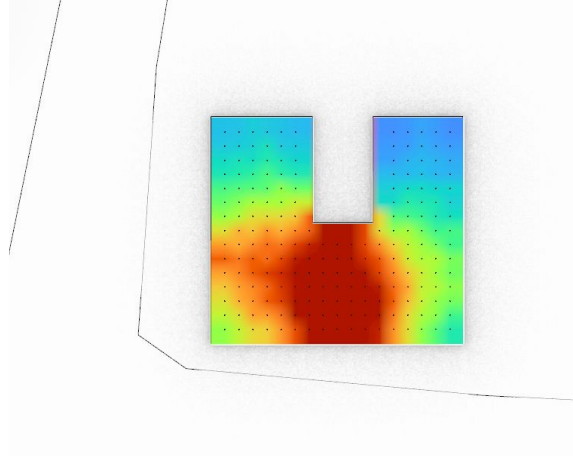


Alternatif 3

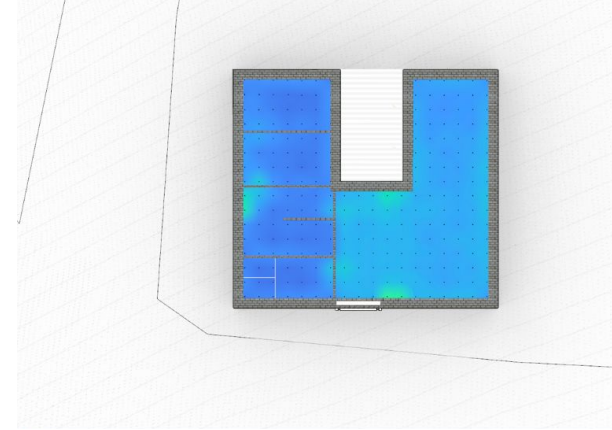




Alternatif 1



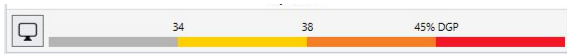
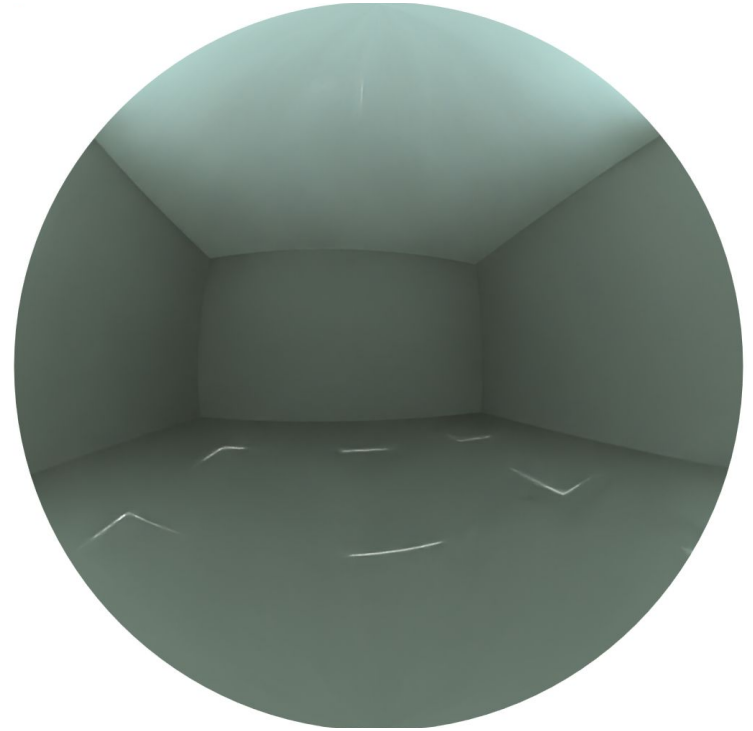
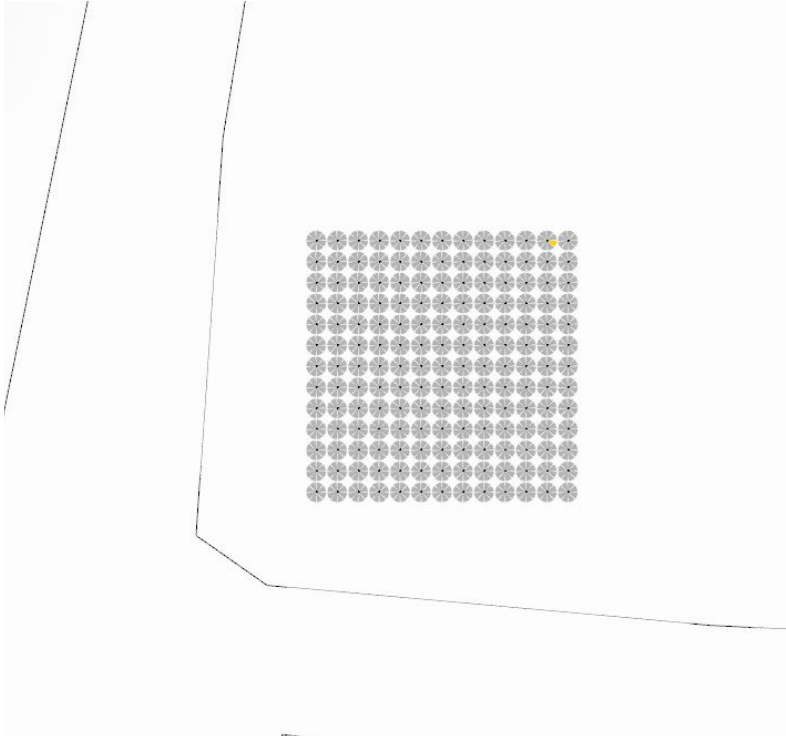
Alternatif 2

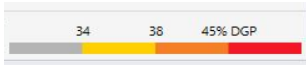
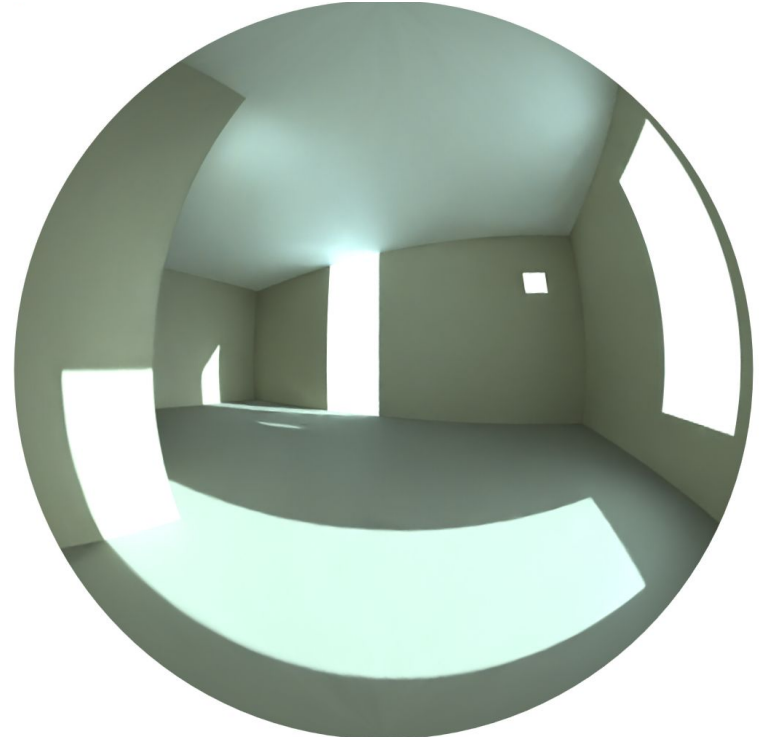
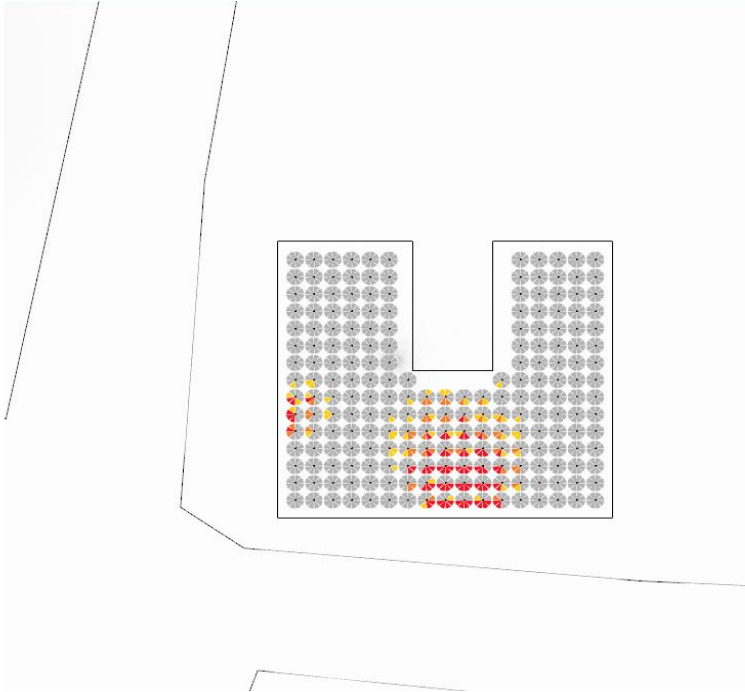


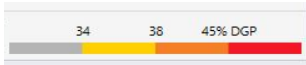
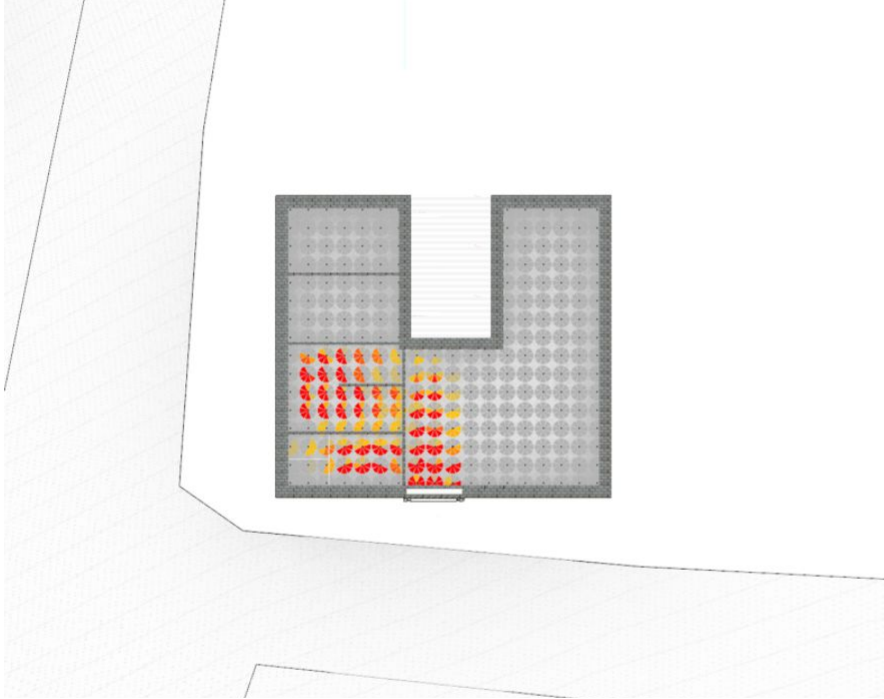
Alternatif 3



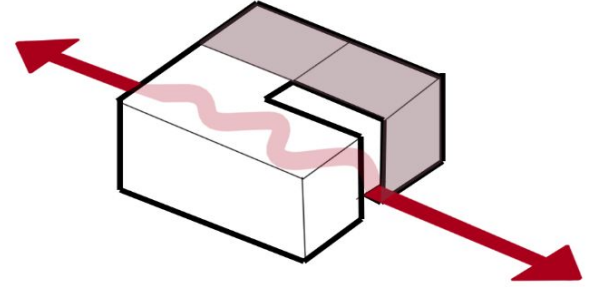
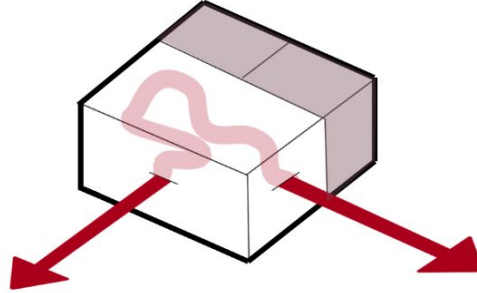
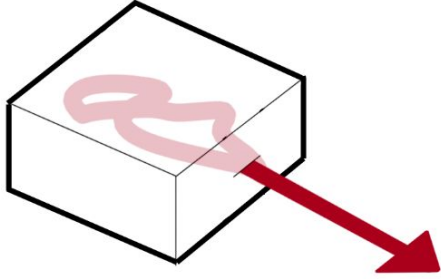
Glare Analizi | Alternatif 1



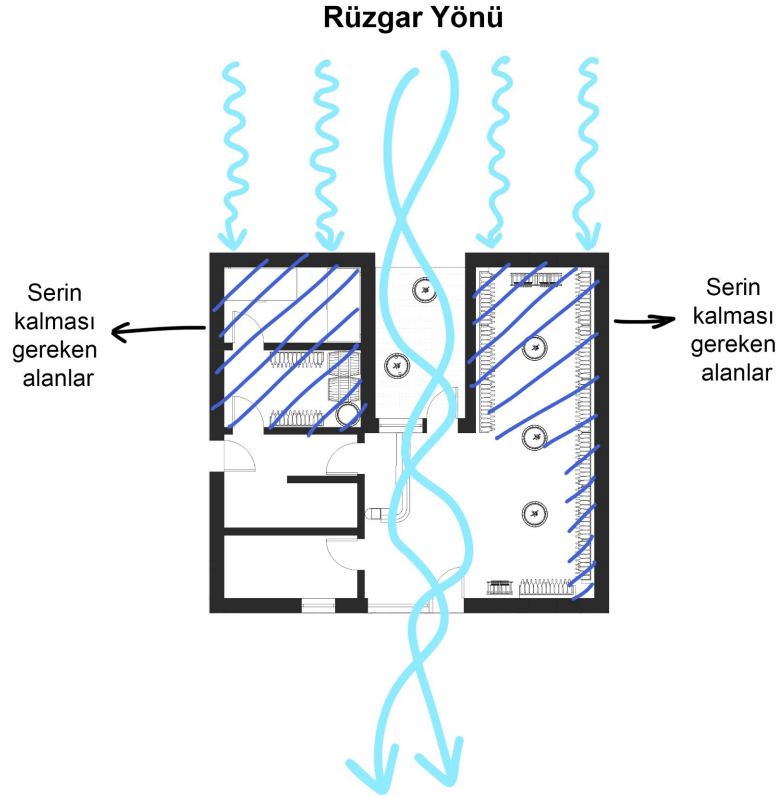




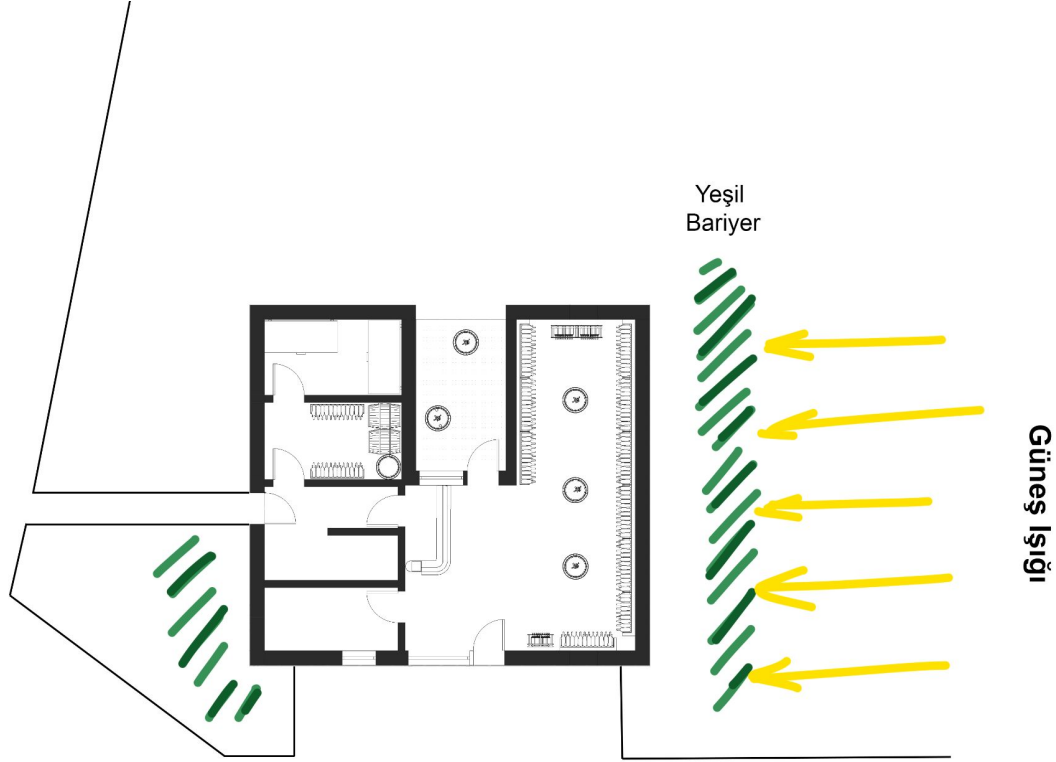
Alternatif 3 | Dolaşım Diyagramı

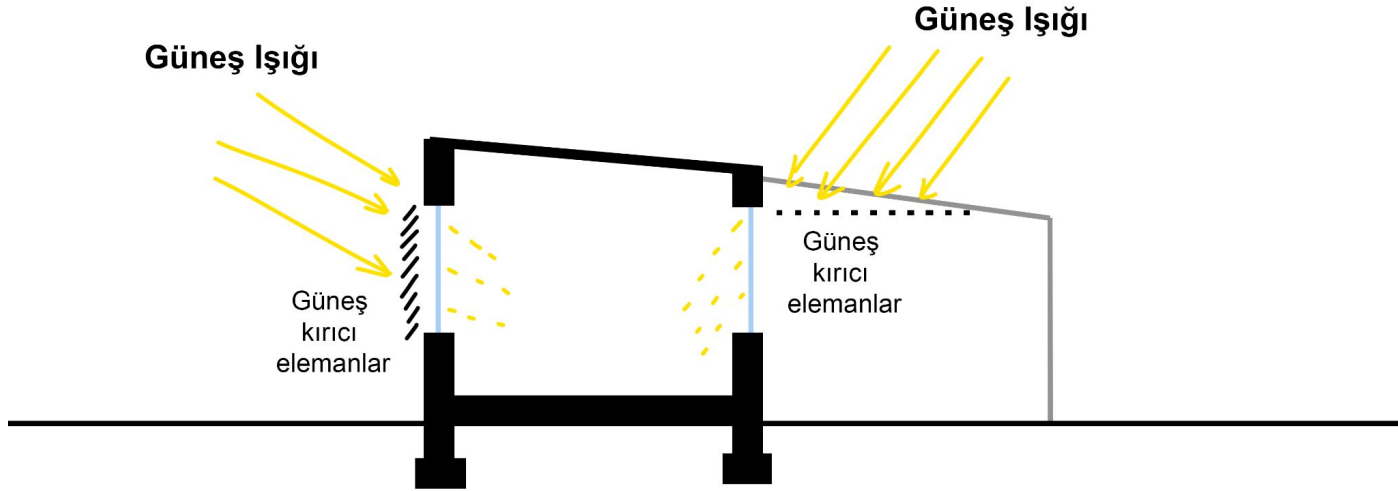


Alternatif 3 | Havalandırma Diyagramı



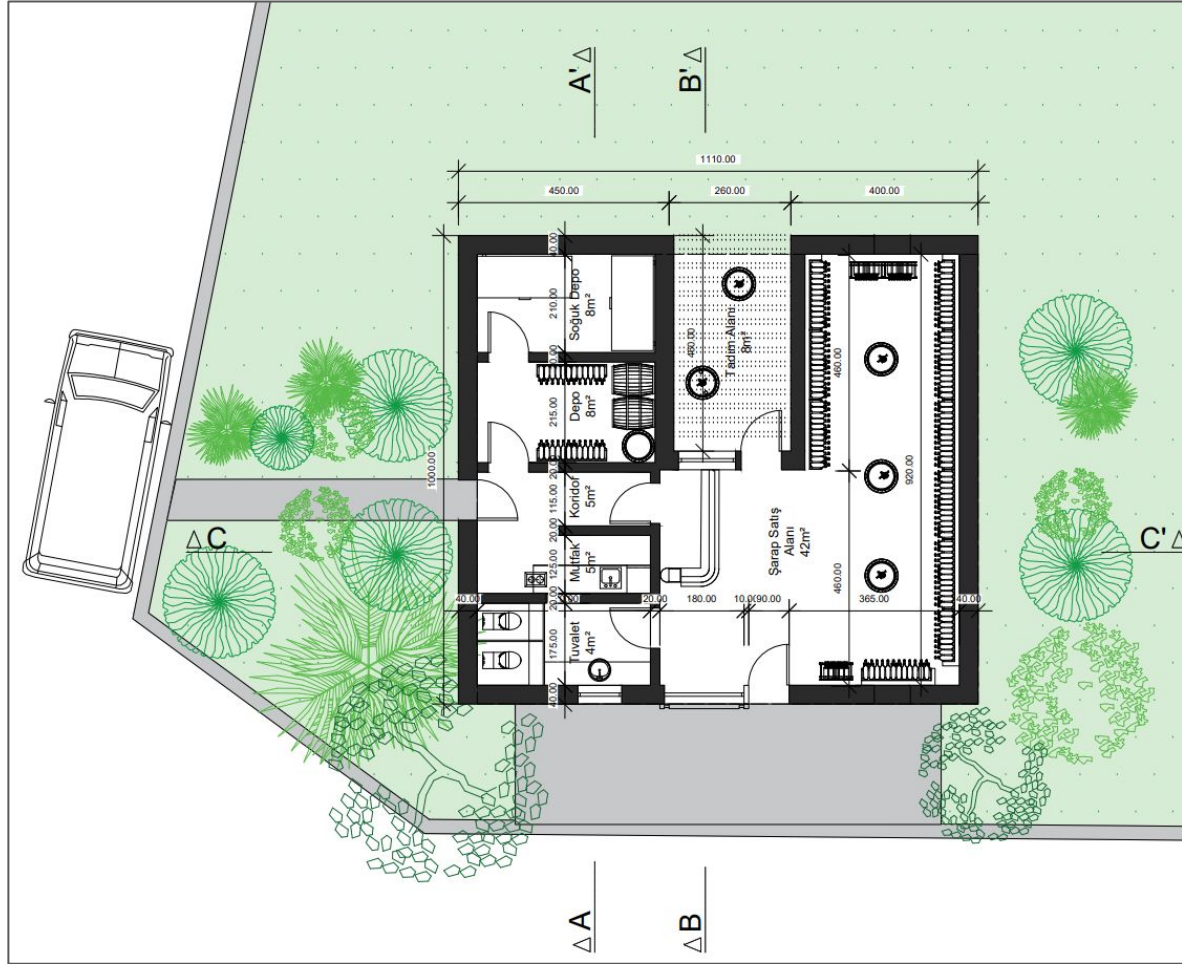
Alternatif 3 | Aydınlanma Stratejisi I



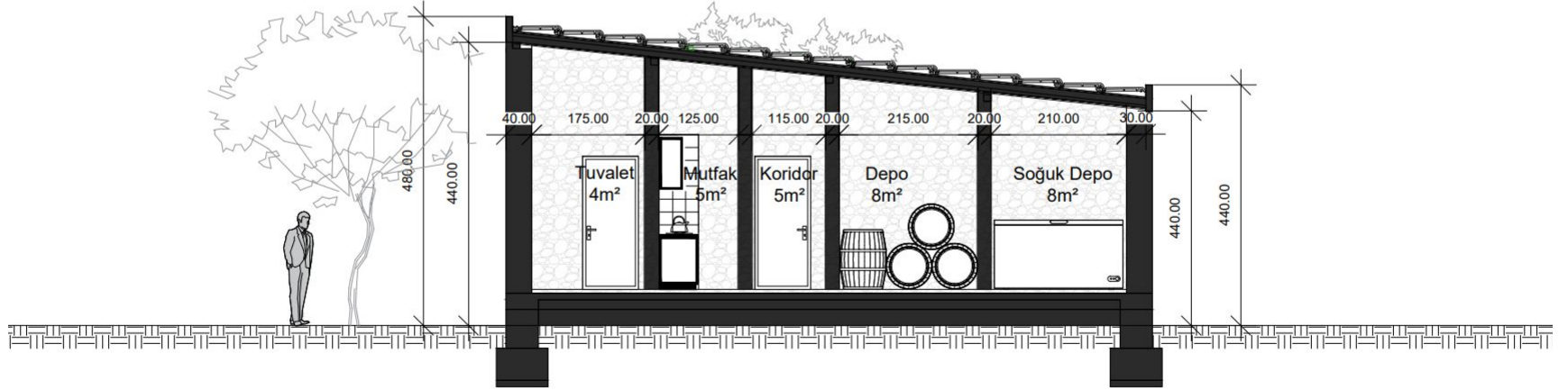


Alternatif 3 | 1/500 Ölçek Vaziyet Planı

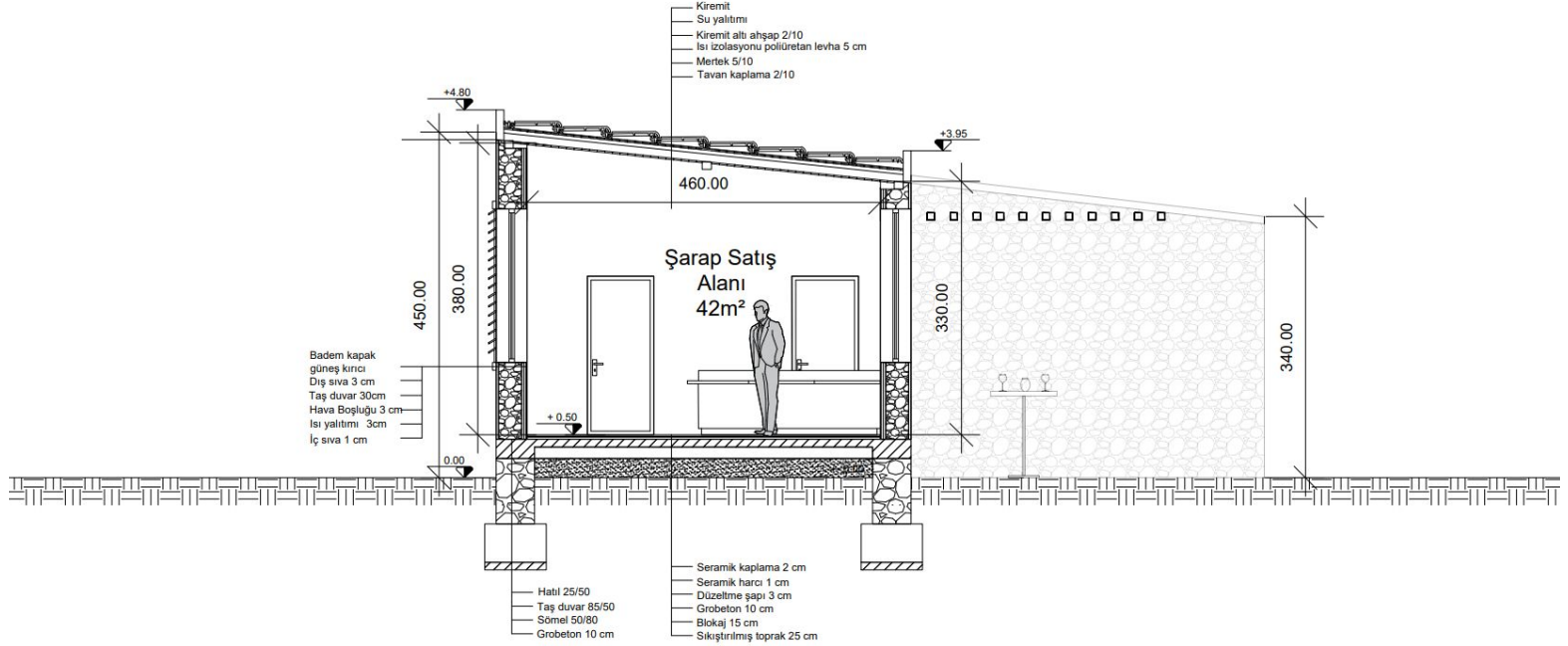




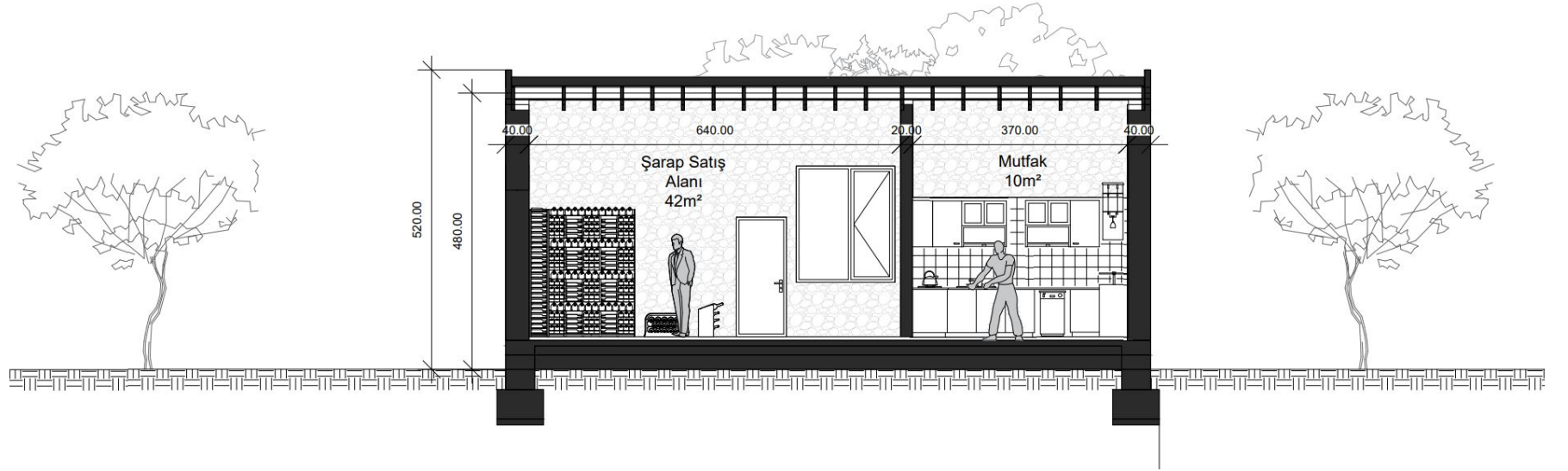
Alternatif 3 | 1/200 Ölçek AA' Kesit



Alternatif 3 | 1/50 Ölçek BB' Kesit



Alternatif 3 | 1/200 Ölçek CC' Kesit



Alternatif 3 | Render 1

