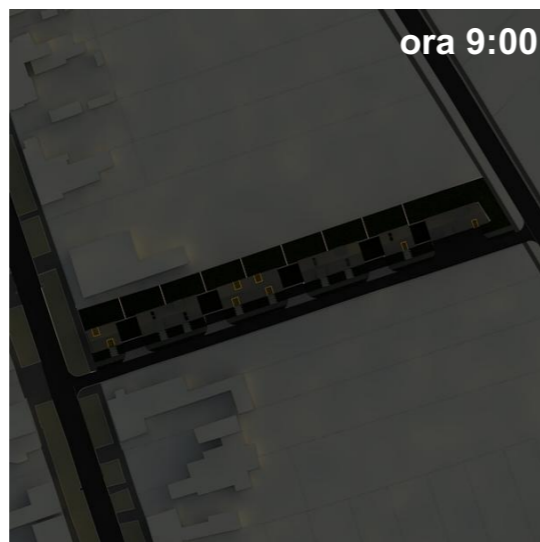


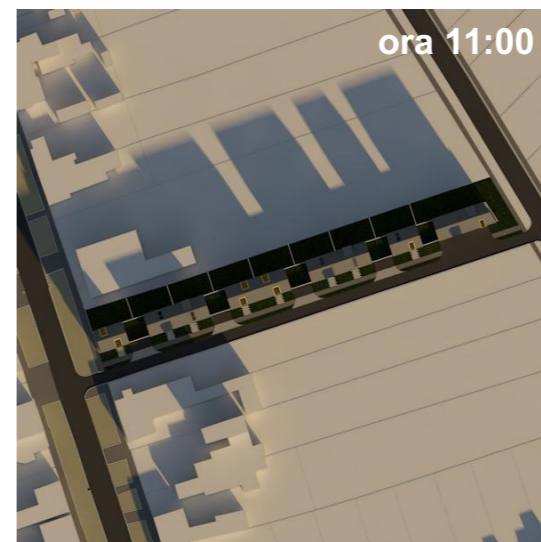
ora 8:18



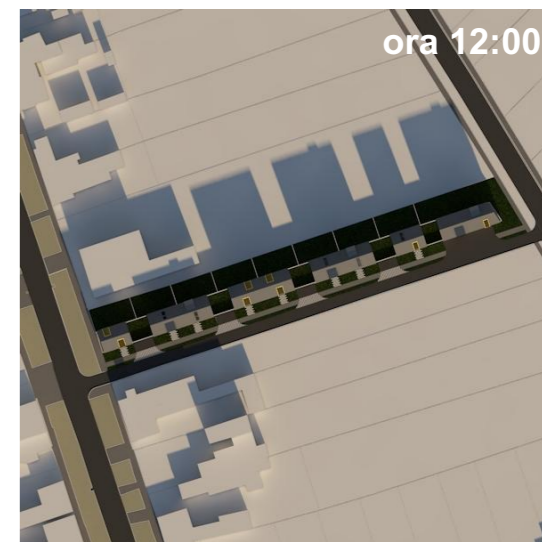
ora 9:00



ora 10:00



ora 11:00



ora 12:00



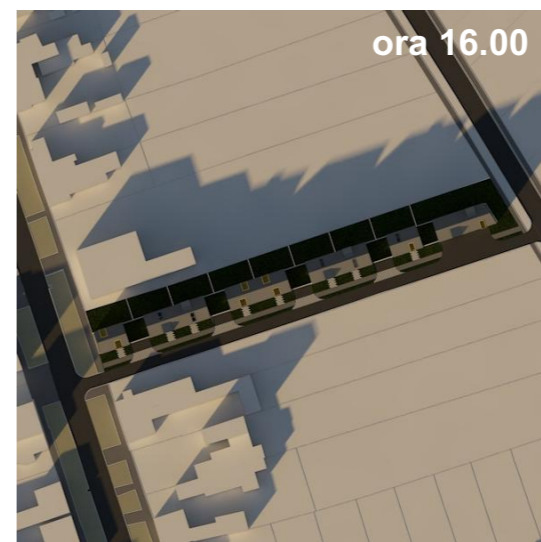
ora 13.00



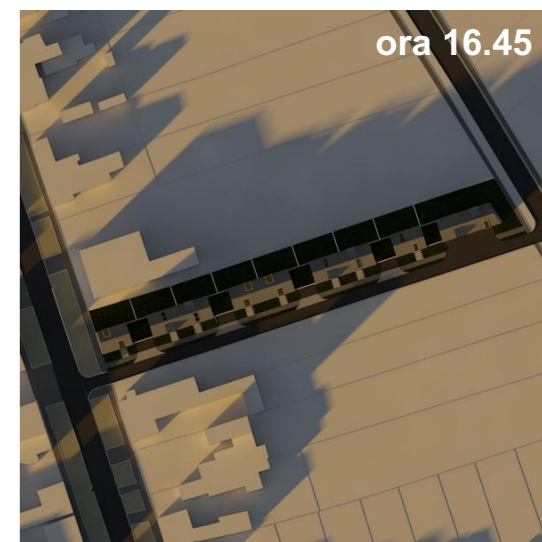
ora 14.00



ora 15.00

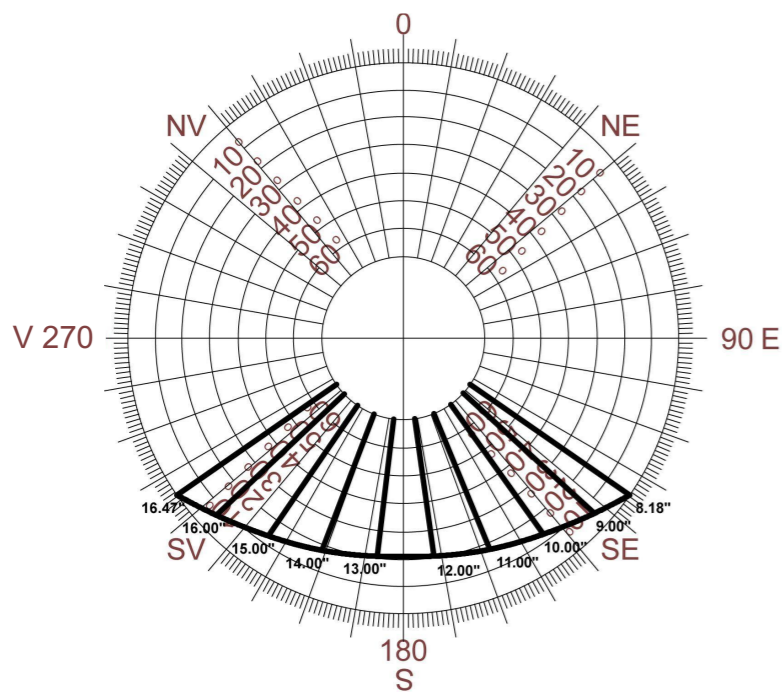


ora 16.00



ora 16.45

Amprenta umbrelor calculata in raport cu ora de iarna +60"



22 Decembrie - Solstitiul de Iarna

| nr. | ora | azimut grade | altitudine grade |
|---------|--------|--------------|------------------|
| rasarit | 8.18" | 124.72° | -0.05° |
| 1 | 9.00" | 132.47° | 5.68° |
| 2 | 10.00" | 144.49° | 12.63° |
| 3 | 11.00" | 167.74° | 17.70° |
| 4 | 12.00" | 172.00° | 20.44° |
| 5 | 13.00" | 186.69° | 20.56° |
| 6 | 14.00" | 201.08° | 18.04° |
| 7 | 15.00" | 214.37° | 13.17° |
| 8 | 16.00" | 226.51° | 6.37° |
| apus | 16.47" | 235.21° | 0.00° |

Diagrama pozitiei soarelui cu orele de iluminare 22 Decembrie (maxima de Iarna)

referinta latitudine 45°43'17.2"Nord
 referinta longitudine 21°12'43.1"Est
 decalaj fus orar GMT + 2.00 ore - Bucuresti / Romania

In intervalul oral analizat se observa ca ansamblul rezidential propus nu umbreste constructiile existente invecinate in mod agresiv si pentru perioade lungi de timp, fiind asigurate minim 1h 1/2 in fiecare zi de iluminat natural direct in caperilor de locuit orientate spre investitia propusa - **Conform OMS 119/2014 art.3**

| | | | | | |
|---|--|--|--------------------------|---|----------------------------------|
| 5U STAMP proiectare complexa in constructii civile si industriale | | S.C. 5U STAMP S.R.L. Timisoara, Str. Bucovinei Nr.63a, Reg.Com.J35/2504/2011 C.I.F. 29340981 E-mail: 5ustampm@gmail.com | | Beneficiar: Meszaros Sebastian Iulian si Meszaros Elisaveta Amplasament: Timisoara, str. Chisodei, nr. 45-47 | Proiect nr.: 04-CHI-19 |
| Sef proiect | Arh. Baia Dragos | Semnatura | Scara: | Titlu proiect: | Faza: |
| Proiectat | Arh. Baia Dragos Arh. Folea Doru/Arh. Craciun Novella | | | LOCUINTE UNIFAMILIALE INSIRUTE / CUPLATE SI FUNCTIUNI COMPLEMENTARE | PUZ |
| Desenat | Arh. Craciun Novella | | Data: | Titlu plansa: | Plansa nr.: |
| | | | Ianuarie 2020 | STUDIUL DE INSORIRE | 07 |