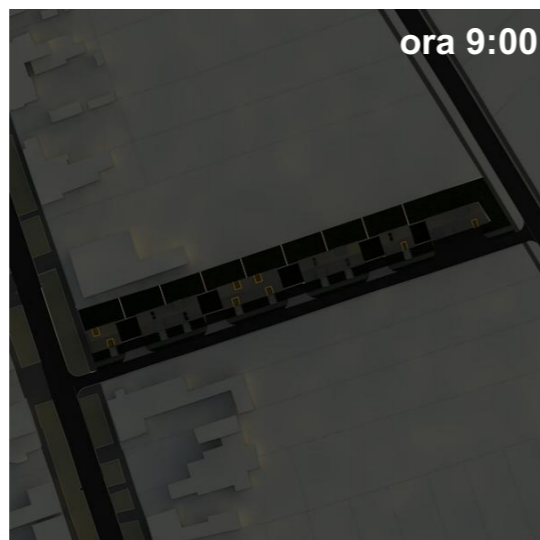


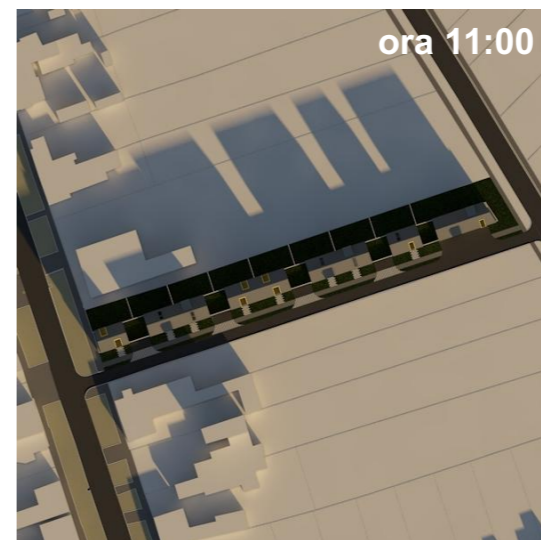
ora 8:18



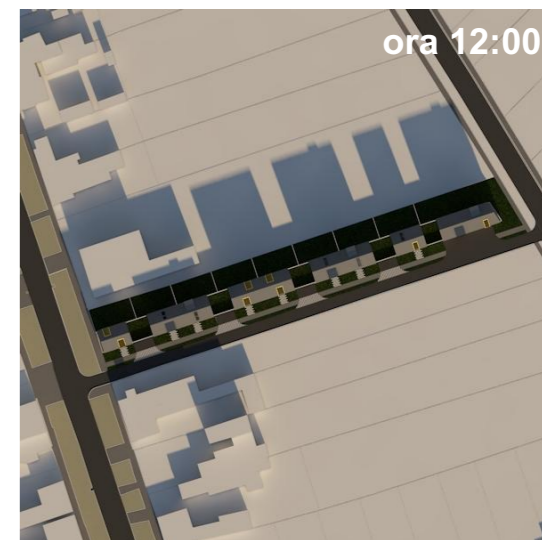
ora 9:00



ora 10:00



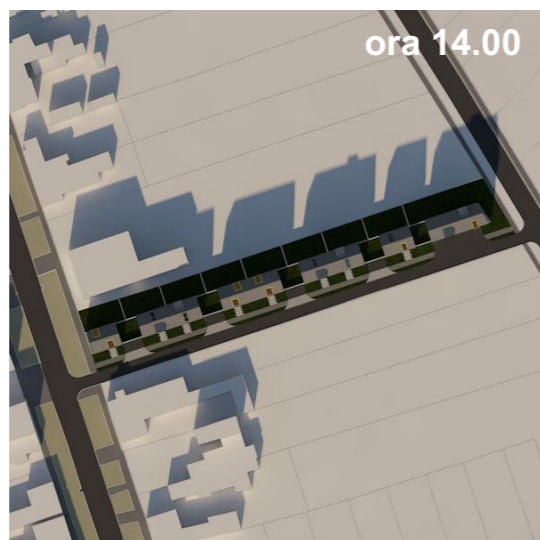
ora 11:00



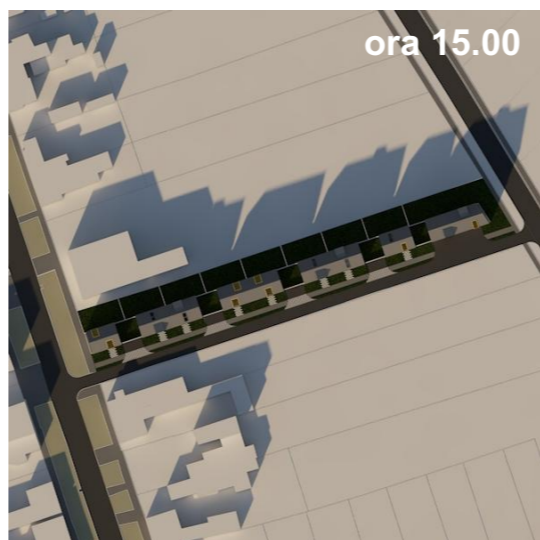
ora 12:00



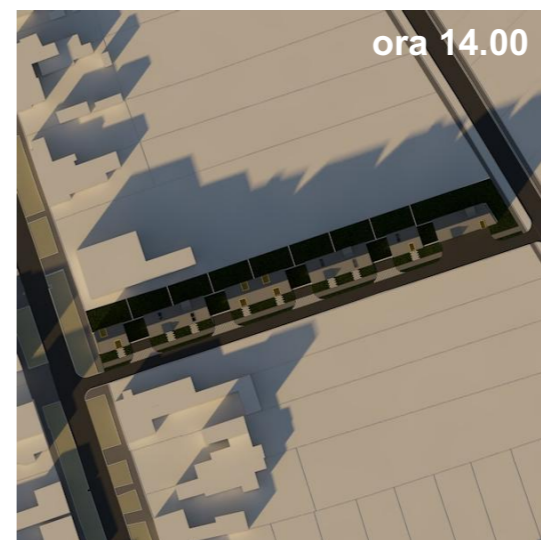
ora 13.00



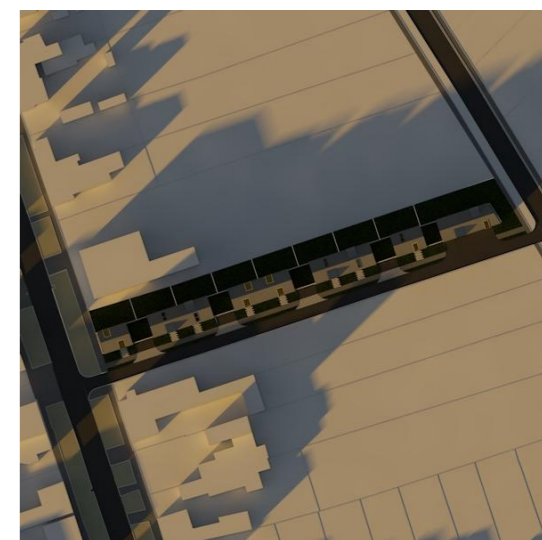
ora 14.00



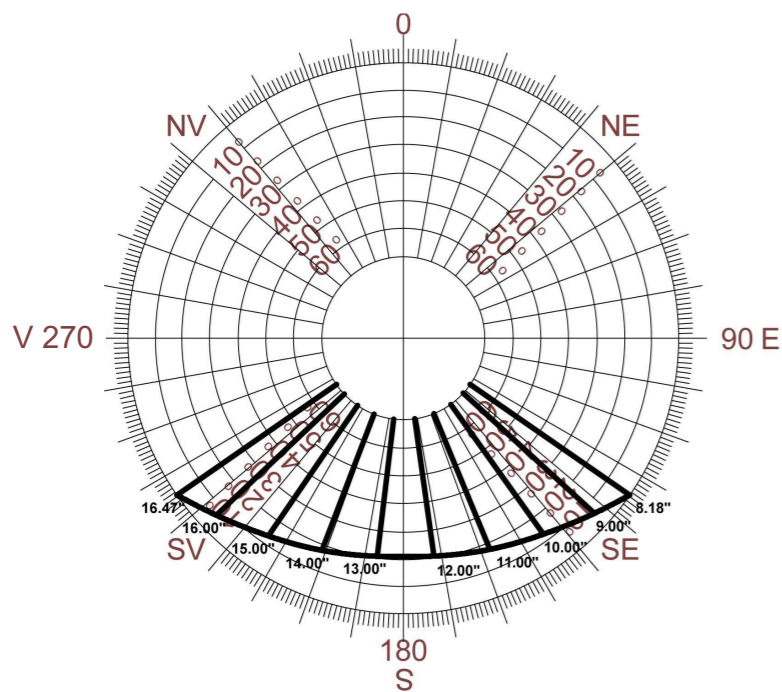
ora 15.00



ora 16.00



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 incaperilor de locuit orientate spre investitia propusa - **Conform OMS 119/2014 art.3**

<b>5U STAMP</b> 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.: <b>04-CHI-19</b>
Sef proiect	Arh. Baia Dragos	Semnatura	Scara:	Titlu proiect:	Faza:
Proiectat	Arh. Baia Dragos Arh. Folea Doru/Arh. Craciun Novella			<b>LOCUINTE UNIFAMILIALE INSIRUTE / CUPLATE SI FUNCTIUNI COMPLEMENTARE</b>	<b>Etapa I PUZ</b>
Desenat	Arh. Craciun Novella		Data:	Titlu plansa:	Plansa nr.:
			<b>August 2019</b>	<b>STUDIUL DE INSORIRE</b>	<b>07</b>