

2024.04.29

SOLSTUDIER

CIRKUS LORENSBERG

Innehållsförteckning

INTRODUKTION	s.	2
SAMMANFATTNING	s.	2
SOLSTUDIER VÅRDAGSJÄMNING	s.	3
ANALYS SOLTIMMAR VÅRDAGJÄMNING	s.	25
SOLSTUDIER SOMMARSOLSTÅND	s.	26
ANALYS SOLTIMMAR SOMMARSOLSTÅND	s.	50

Introduktion

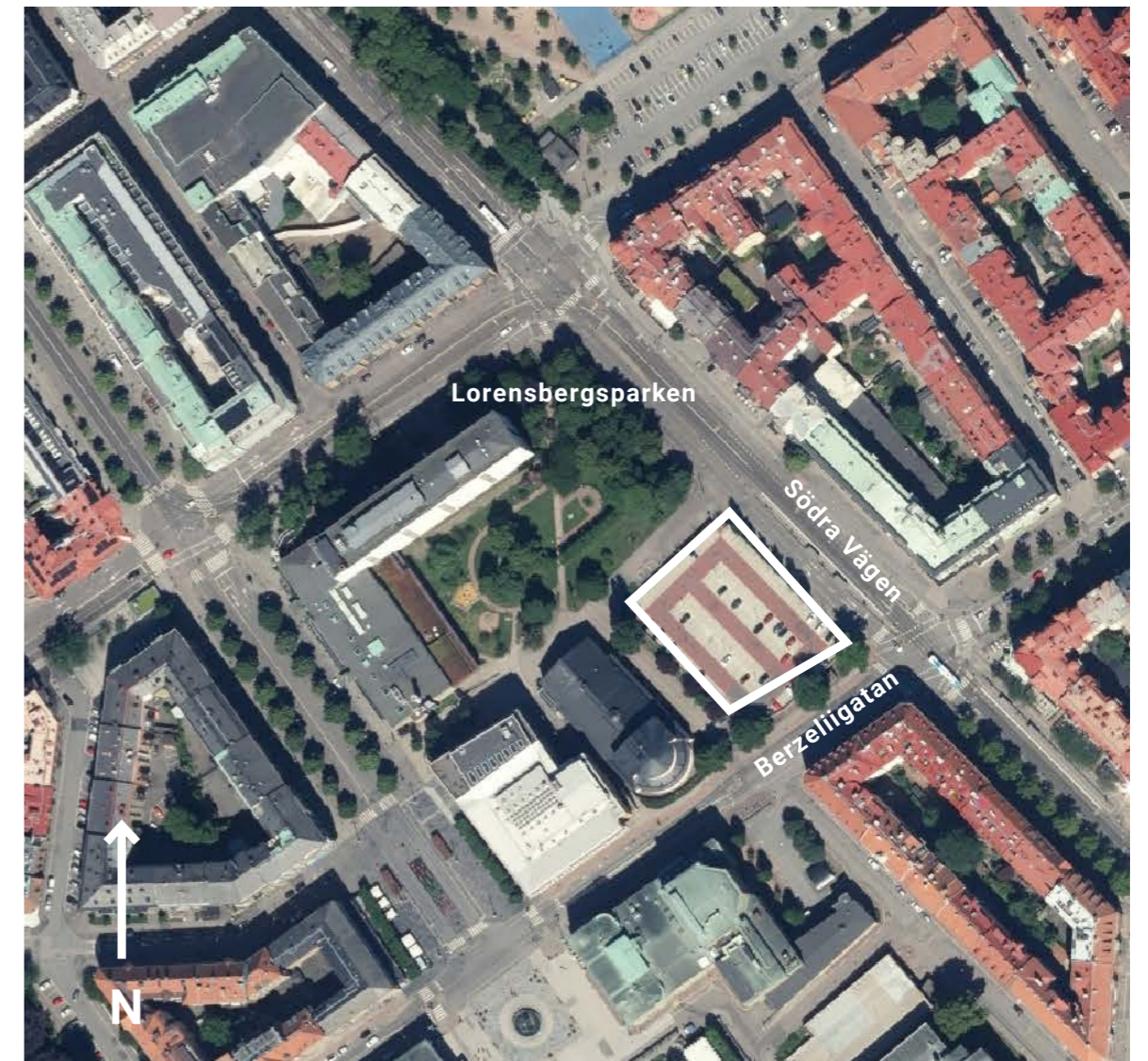
En solstudie har gjorts med anledning av framtagandet av en ny detaljplan för bostäder vid Cirkus Lorensberg. Skuggorna har simulerats i en 3D modell i programmet Rhino och är anpassat till den specifika platsen.

Solstudien har genomförts på vårdagjämningen (20 mars) och resultatet är samma för höstdagjämningen (22 september). Solstudien har även genomförts på sommarsolståndet (midsommar, 20 juni) som illustrerar en situation med bästa solförhållanden under året.

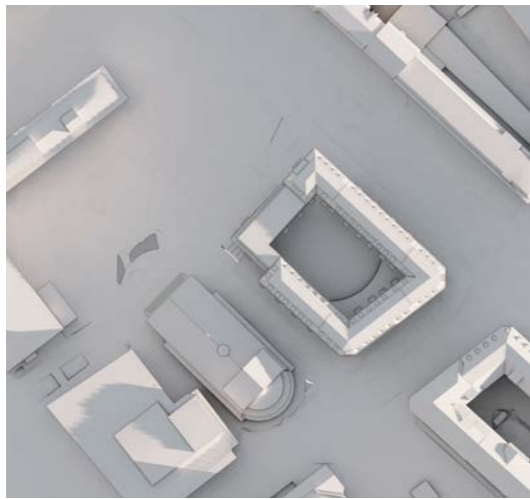
Analysen av antalet soltimmar har gjorts i programmet Autodesk Forma.

Sammanfattning

Solstudien visar vilka platser som fortsatt har god tillgång på sol samt vilka gator och stråk vsom blir påverkade av den nya bebyggelsen. Berzeliigatan har fortsatt goda solförhållanden under dagen medan Södra Vägens får minskat solljus i angränsning till det nya kvarteret. Stora delar av Lorensbergsparken som angränsar den nya bebyggelsen blir opåverkat av det nya kvarteret. Kvarterets innergård har begränsad tillgång på sol under årets mörkare månader, men har solförhållanden med 5-7h sol på delar av gården under sommarmånaderna.



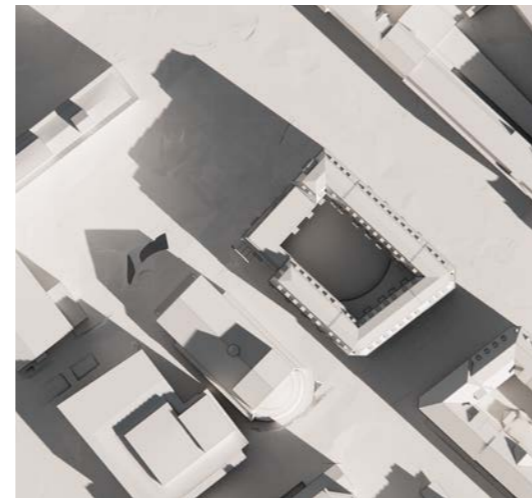
Solstudier - Vårdagjämning (20 mars)



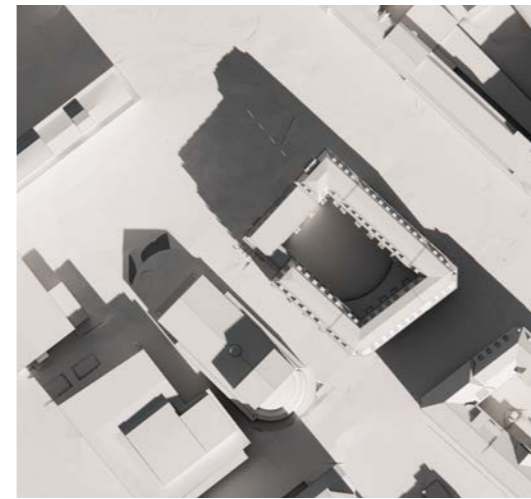
kl 07



kl 08



kl 09



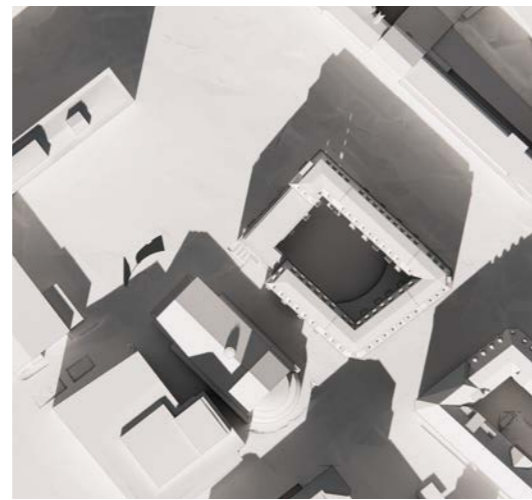
kl 10



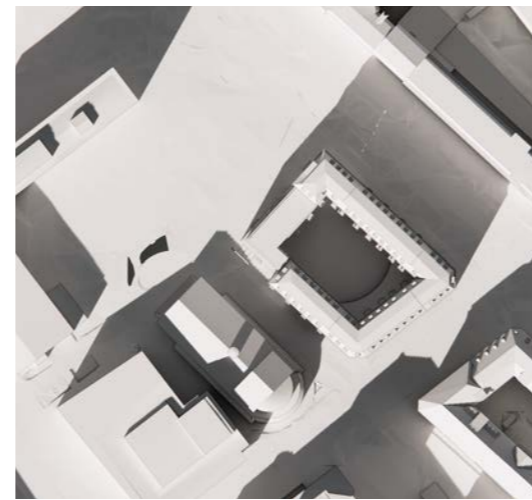
kl 11



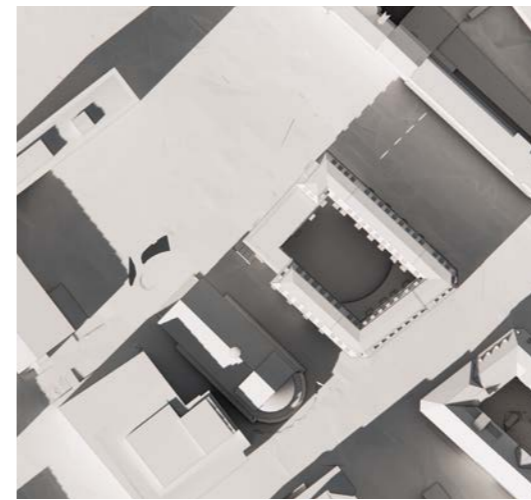
kl 12



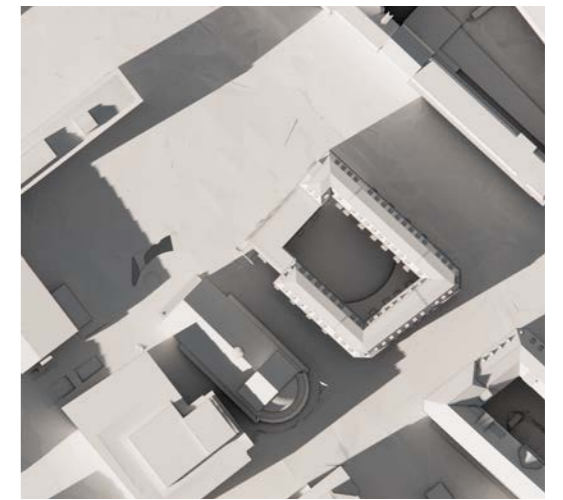
kl 13



kl 14



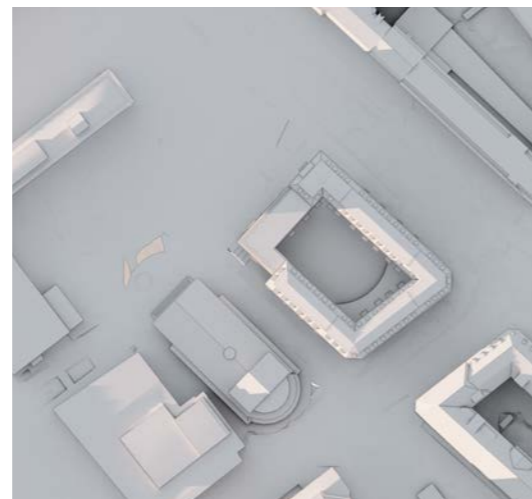
kl 15



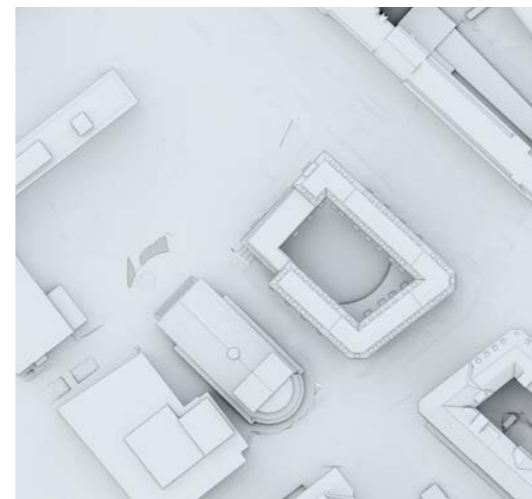
kl 16



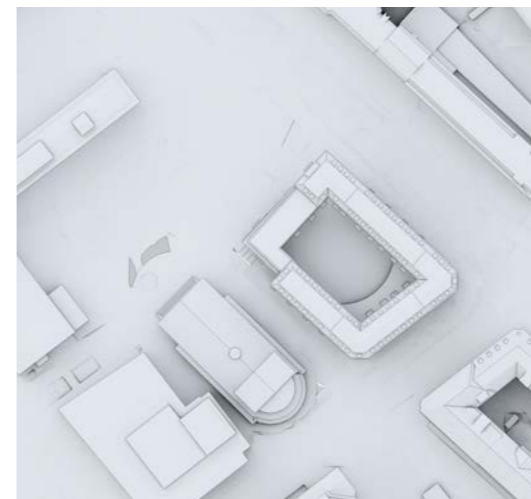
kl 17



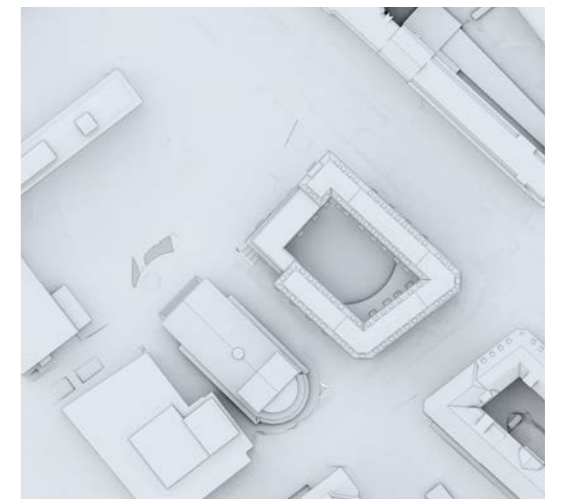
kl 18



kl 19

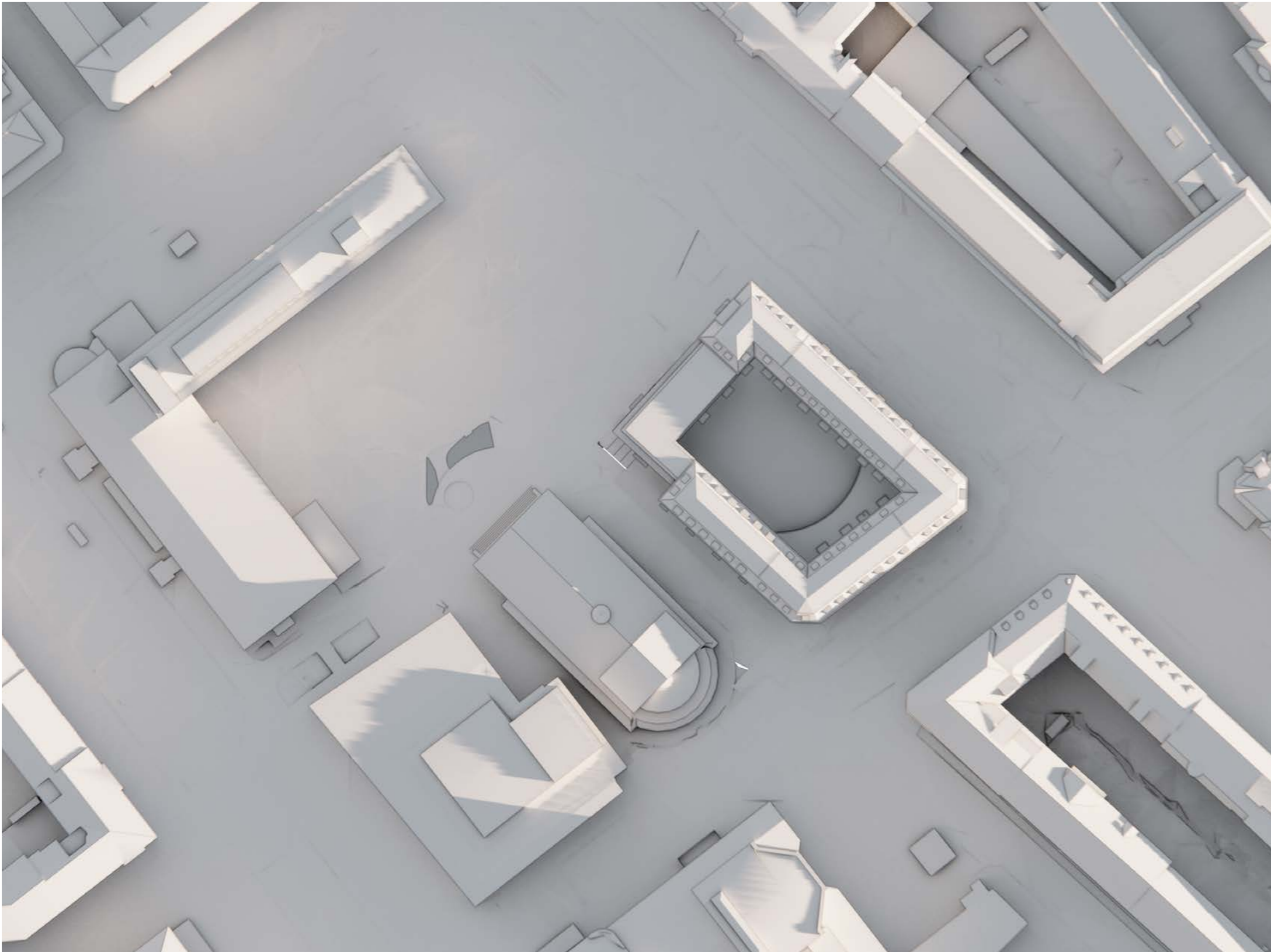


kl 20

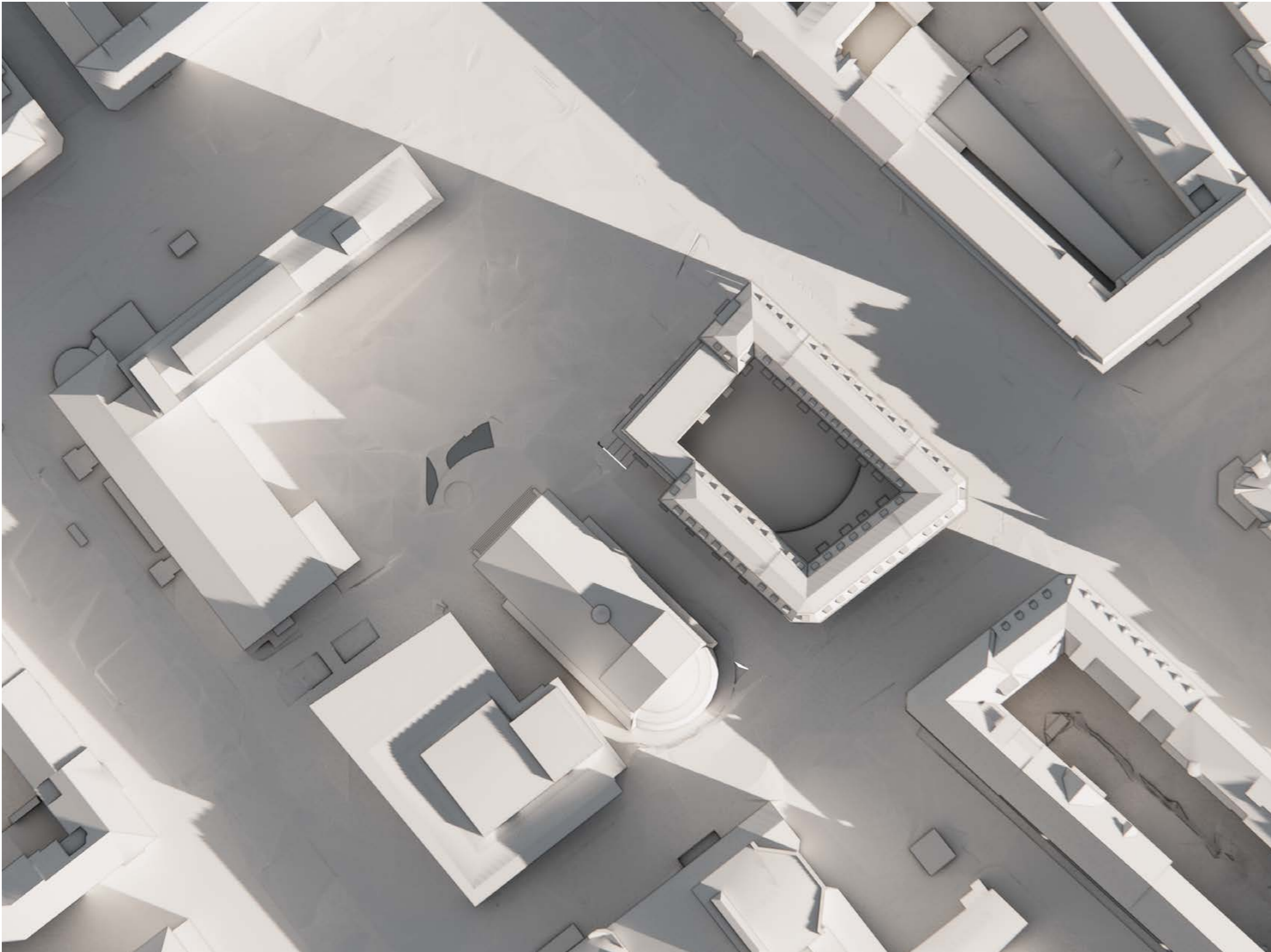


kl 21

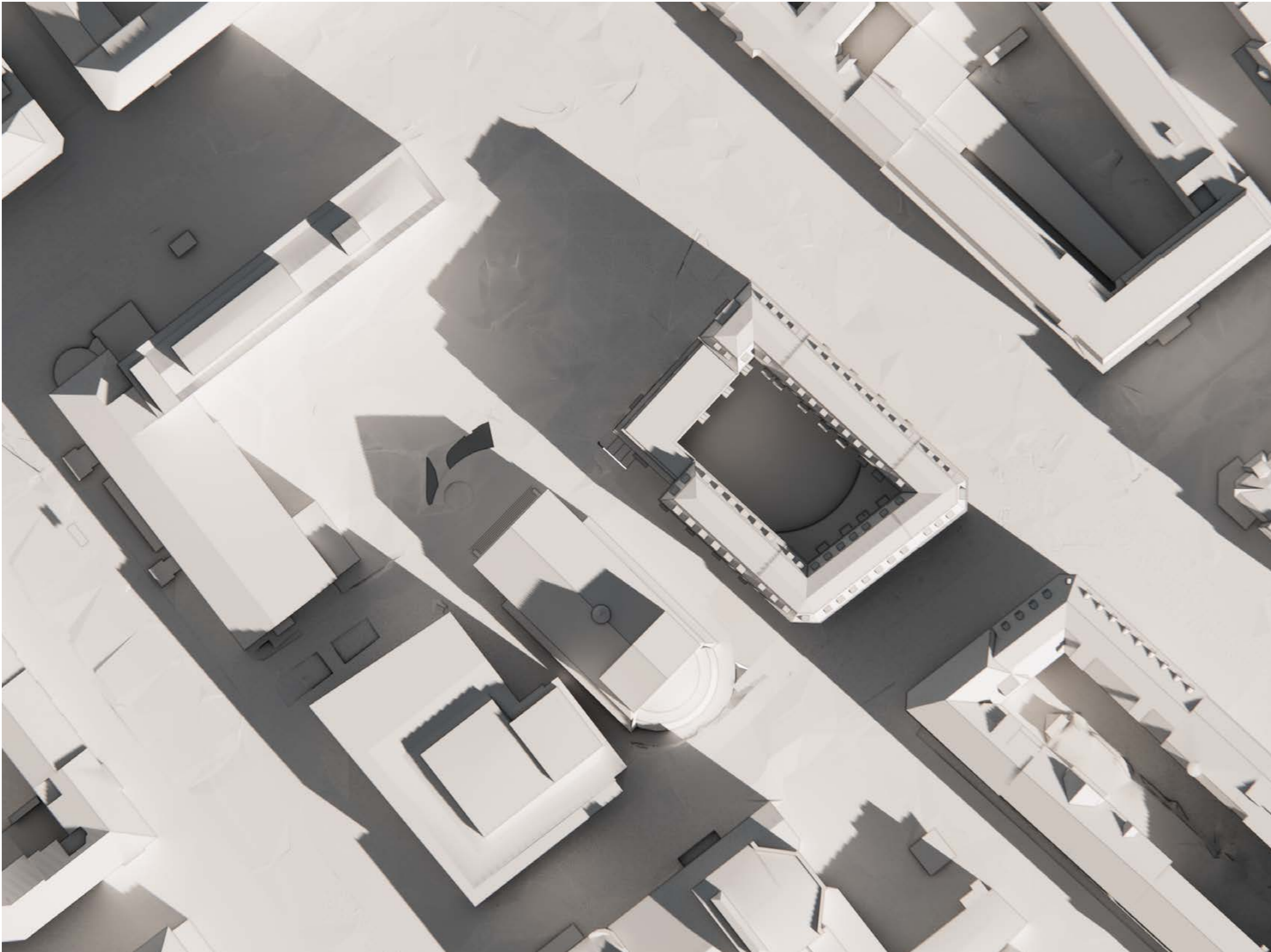
Solstudier - Vårdagjämning (20 mars) kl 07



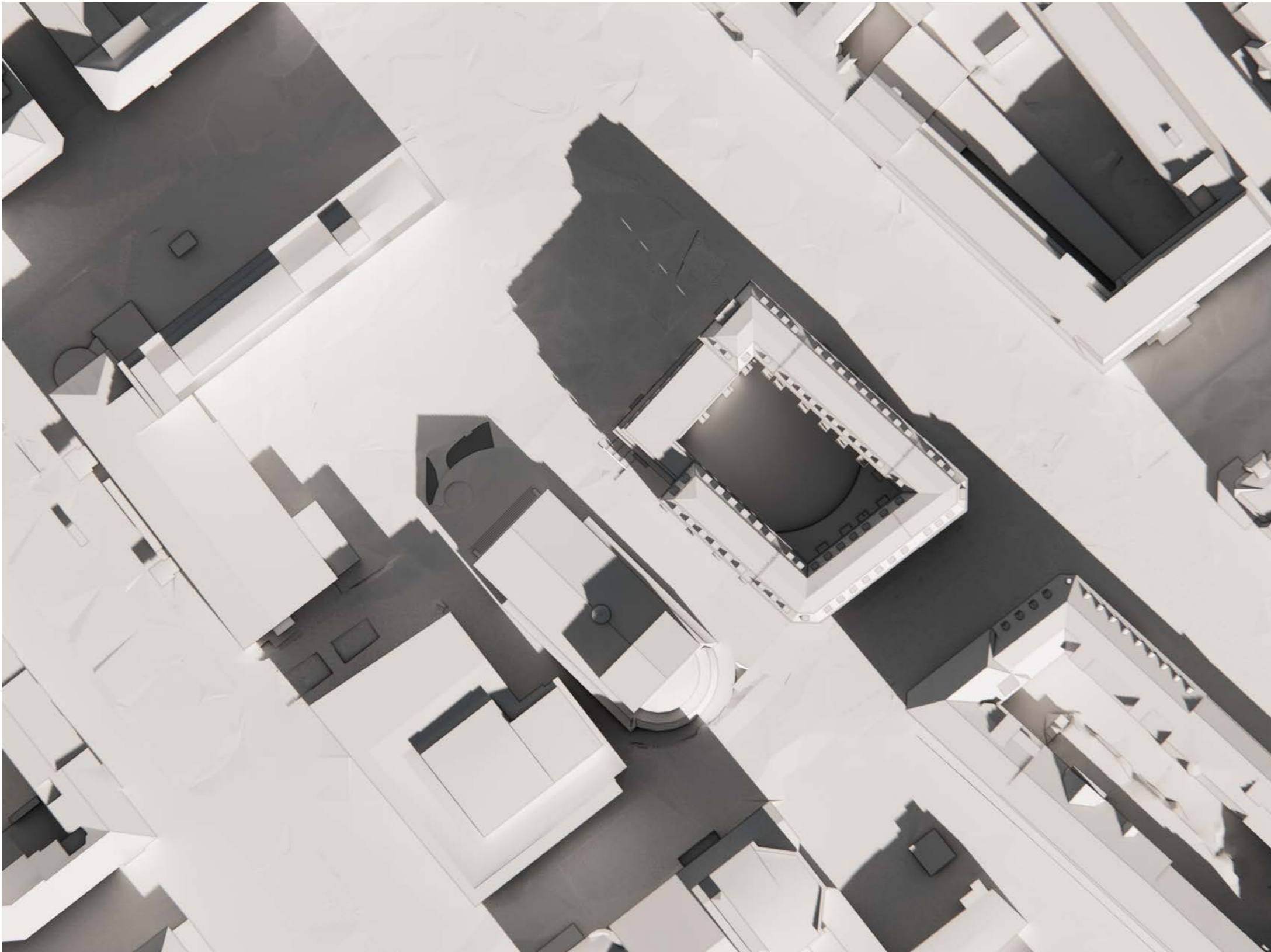
Solstudier - Vårdagjämning (20 mars) kl 08



Solstudier - Vårdagjämning (20 mars) kl 09



Solstudier - Vårdagjämning (20 mars) kl 10



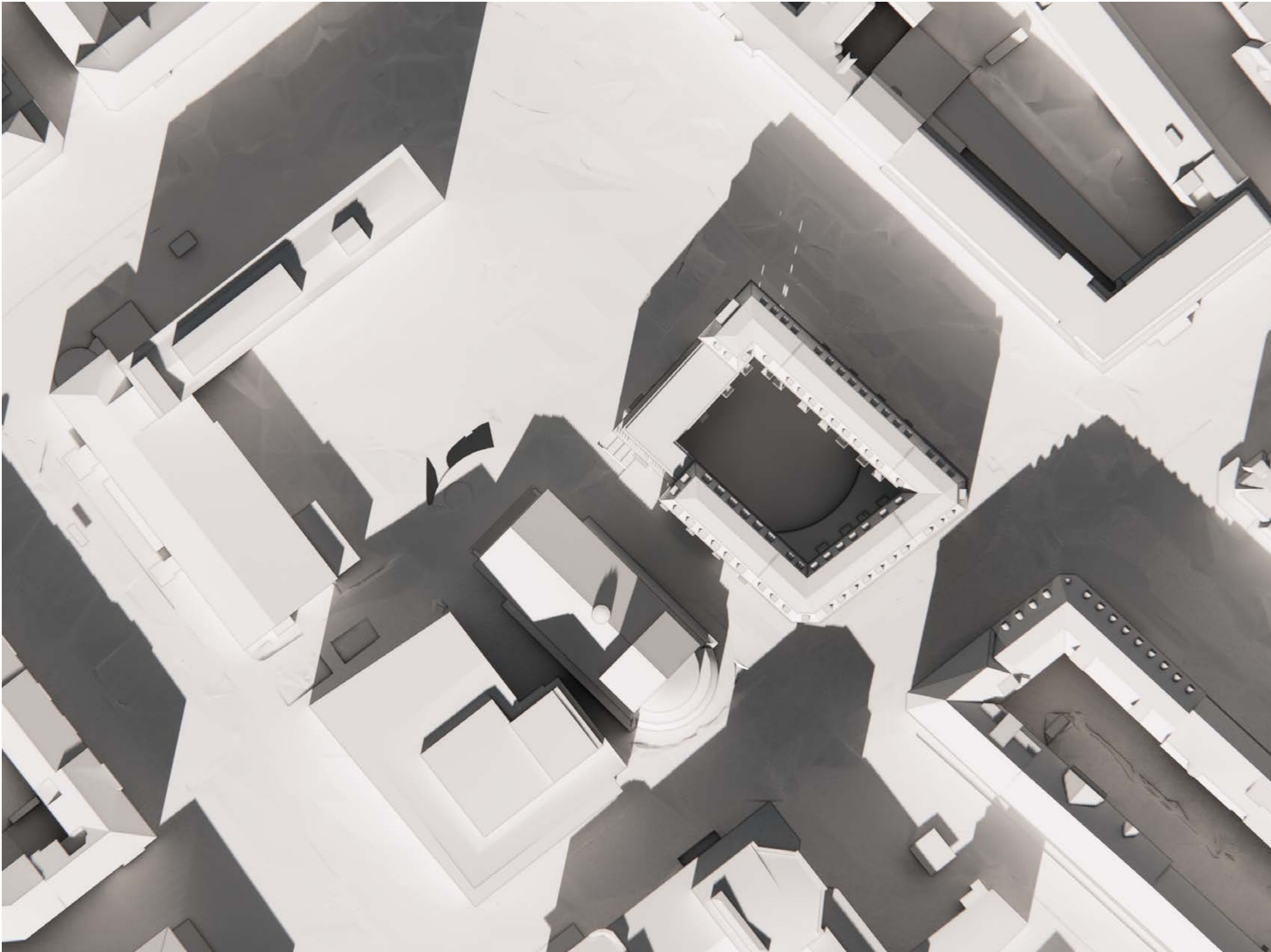
Solstudier - Vårdagjämning (20 mars) kl 11



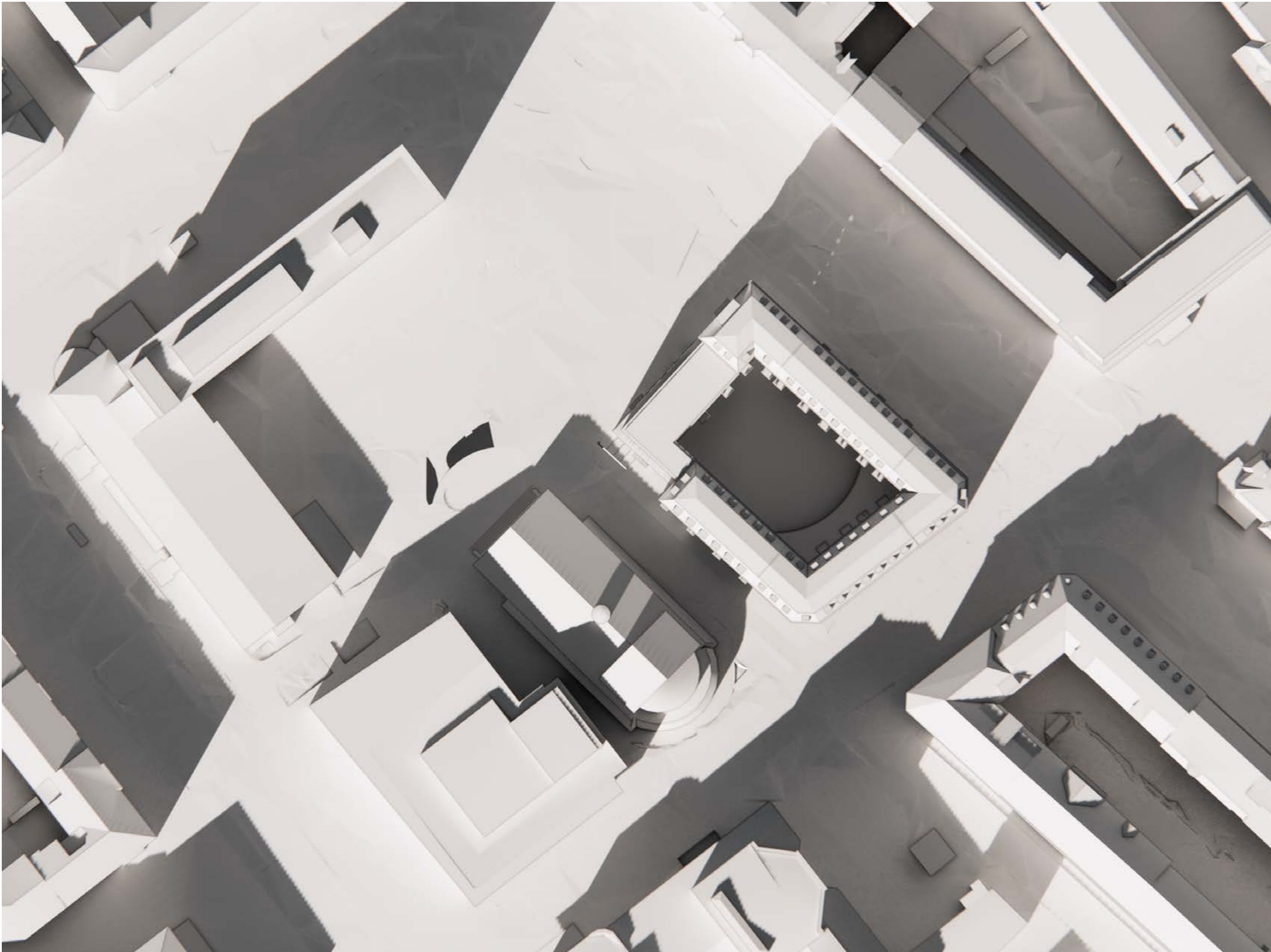
Solstudier - Vårdagjämning (20 mars) kl 12



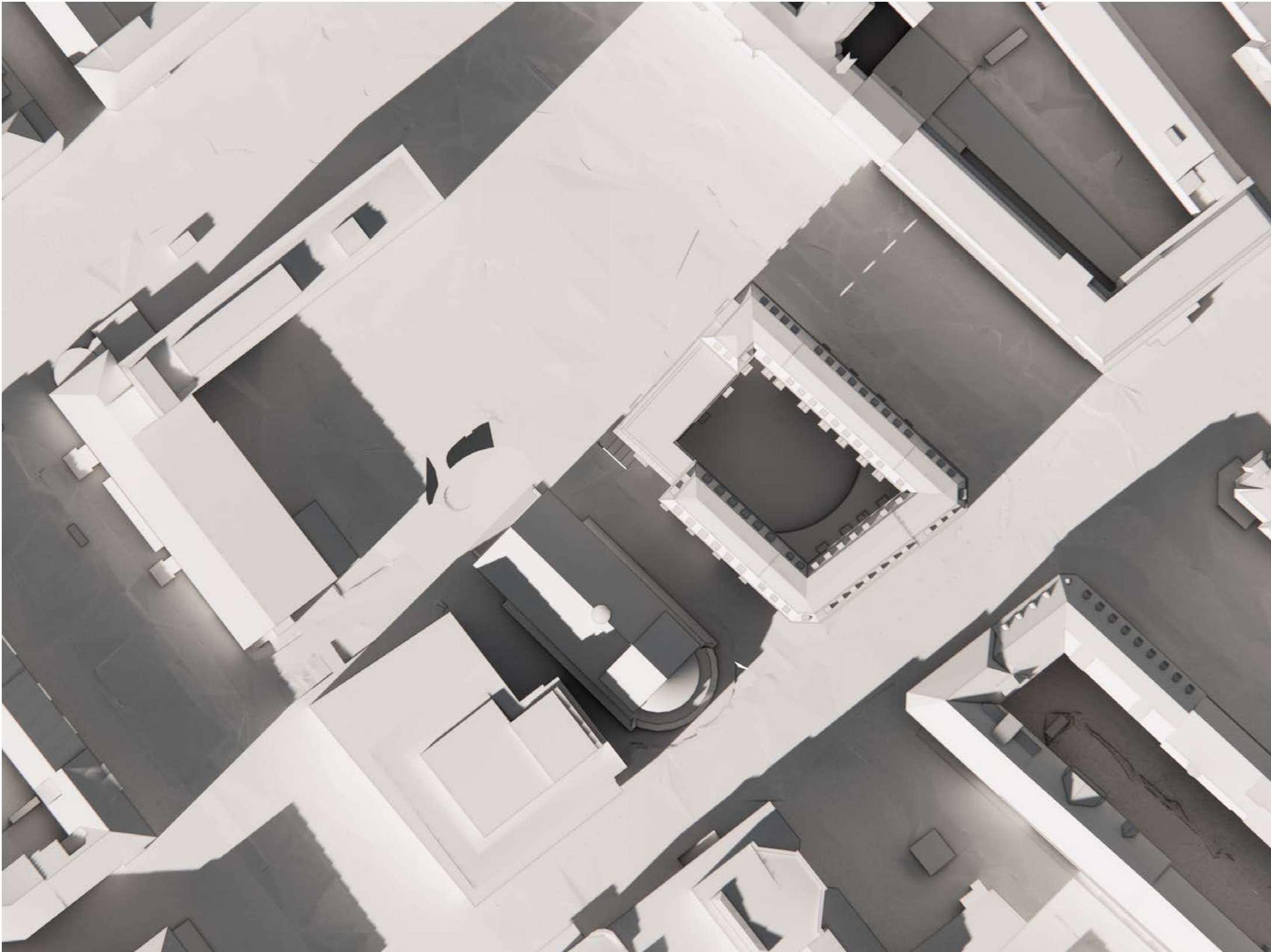
Solstudier - Vårdagjämning (20 mars) kl 13



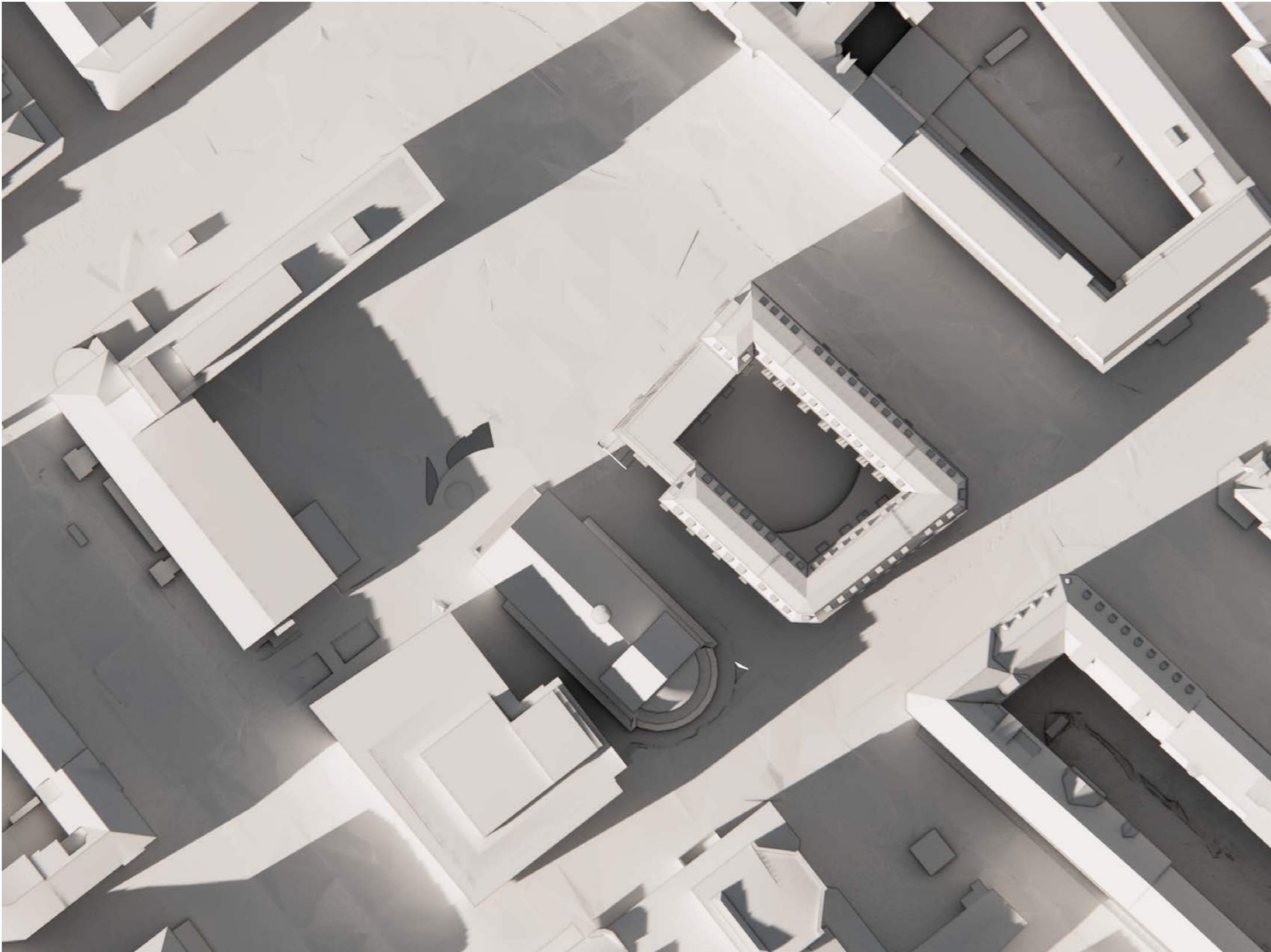
Solstudier - Vårdagjämning (20 mars) kl 14



Solstudier - Vårdagjämning (20 mars) kl 15



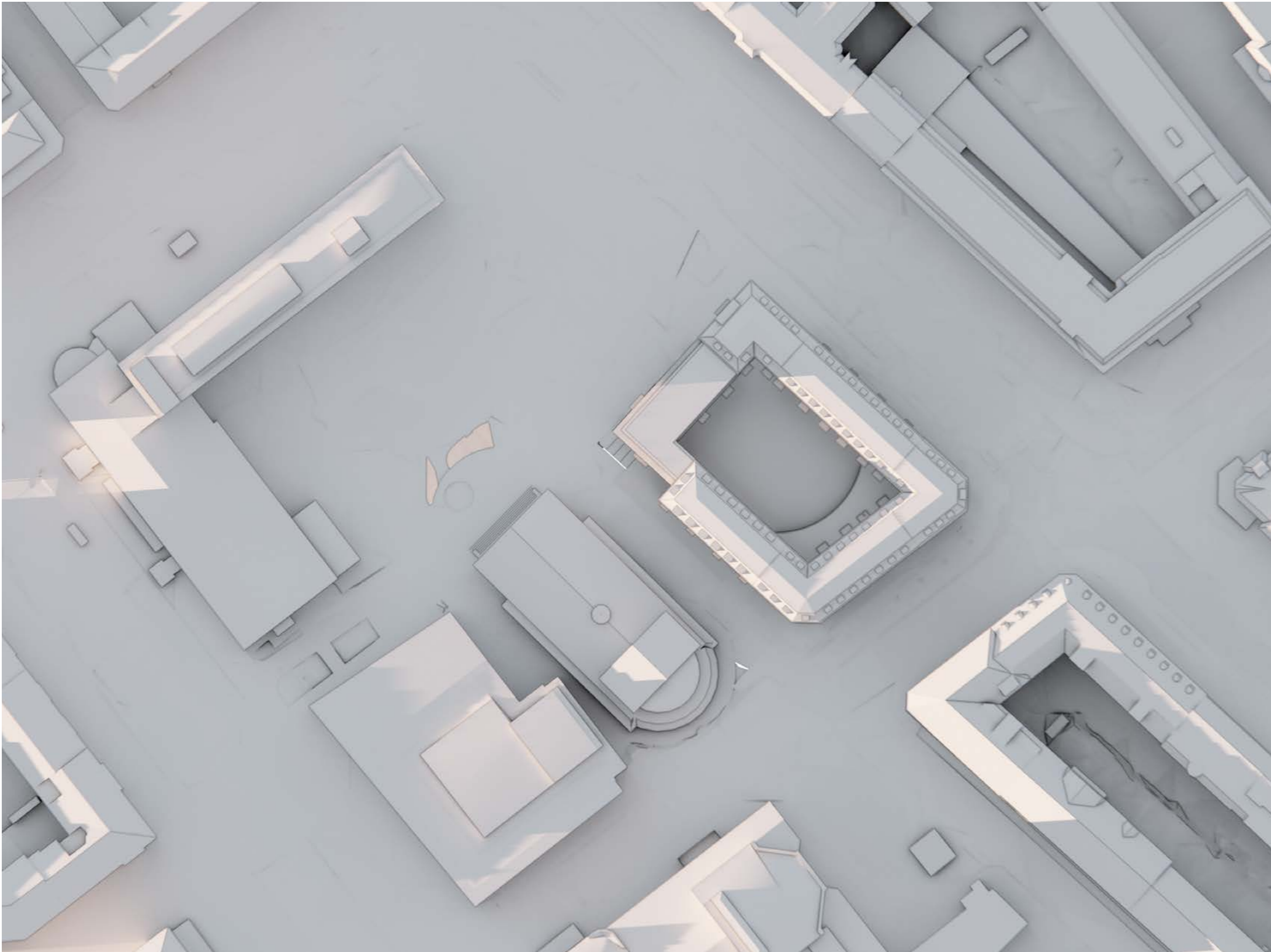
Solstudier - Vårdagjämning (20 mars) kl 16



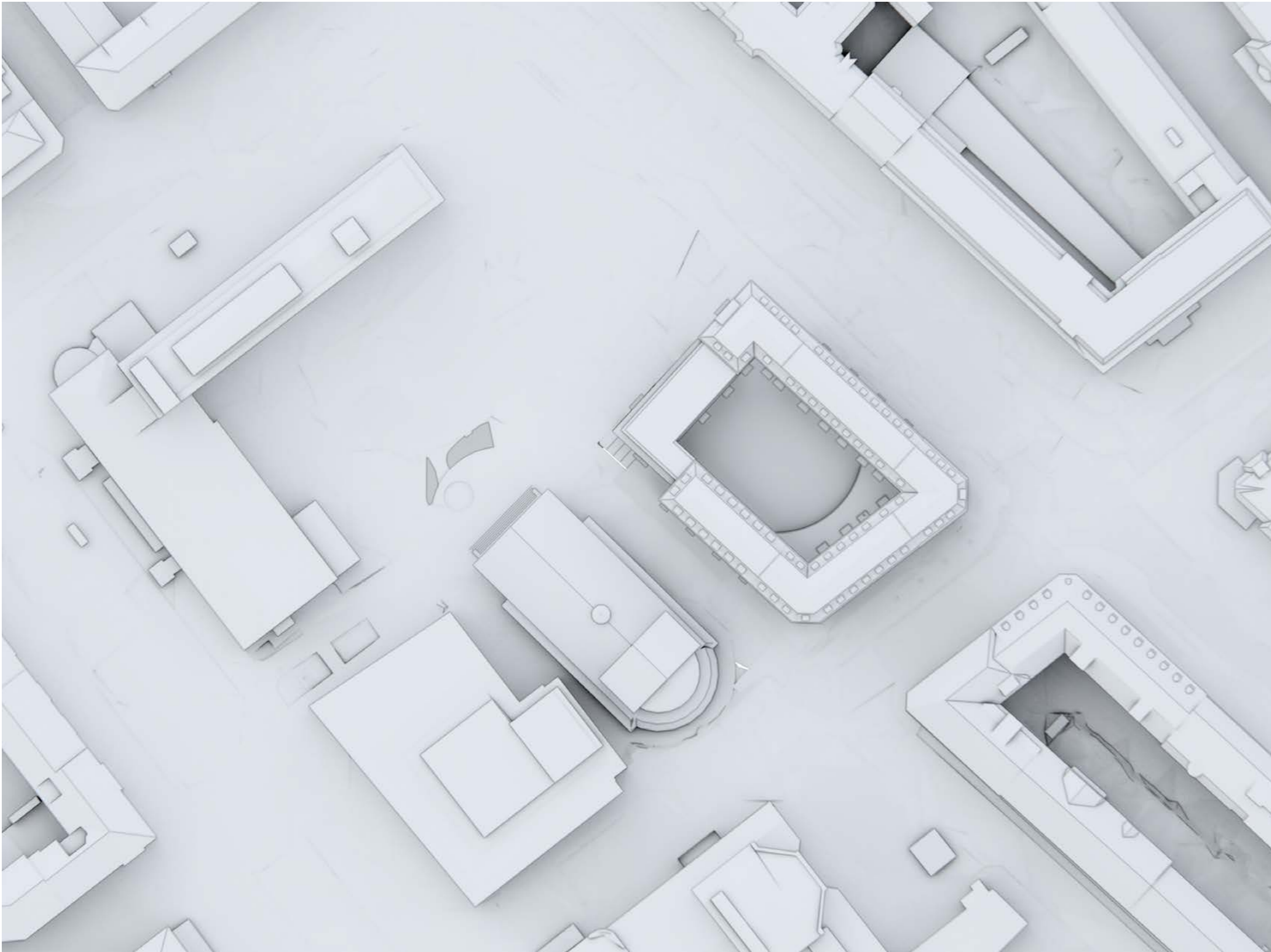
Solstudier - Vårdagjämning (20 mars) kl 17



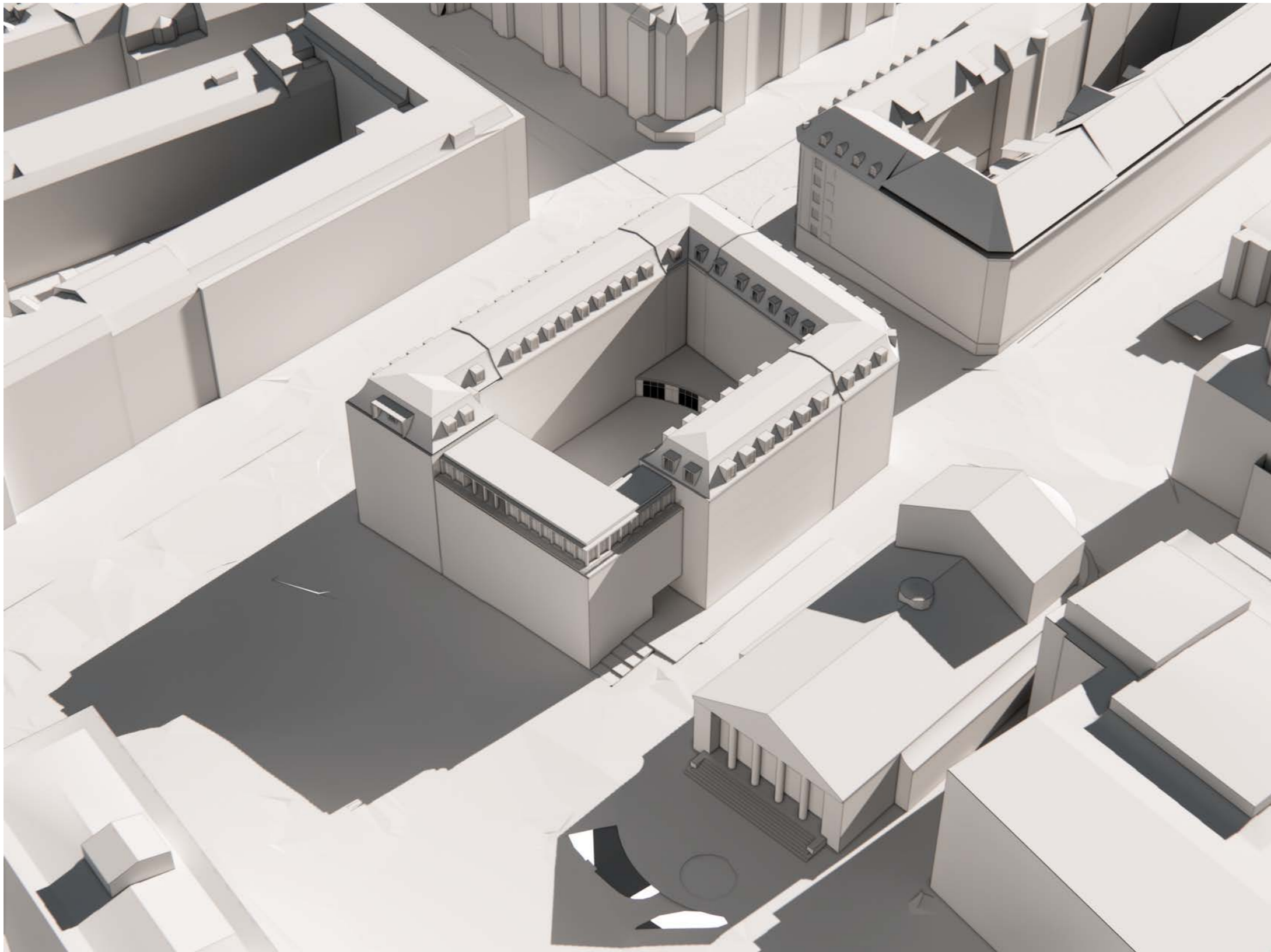
Solstudier - Vårdagjämning (20 mars) kl 18



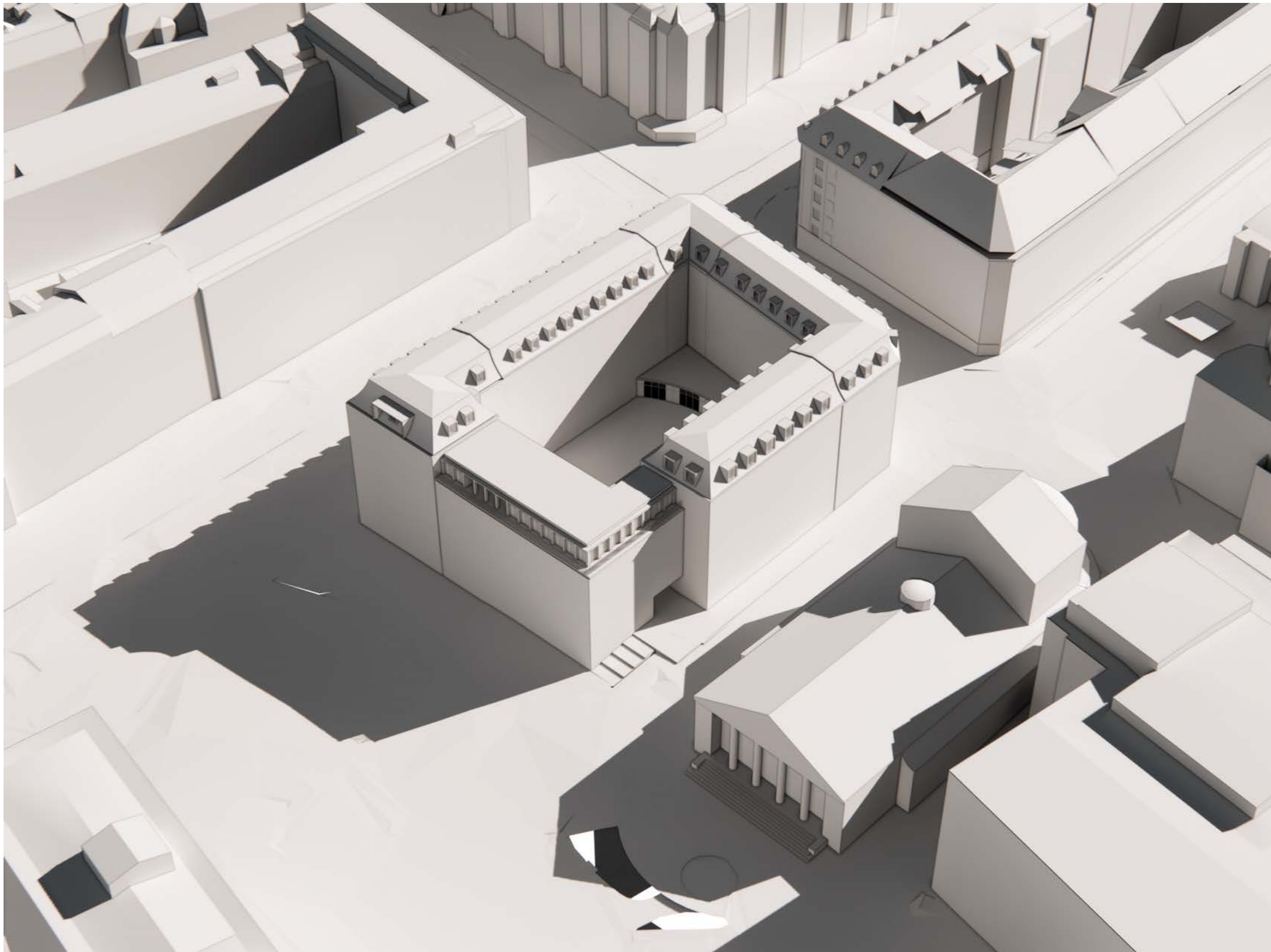
Solstudier - Vårdagjämning (20 mars) kl 19



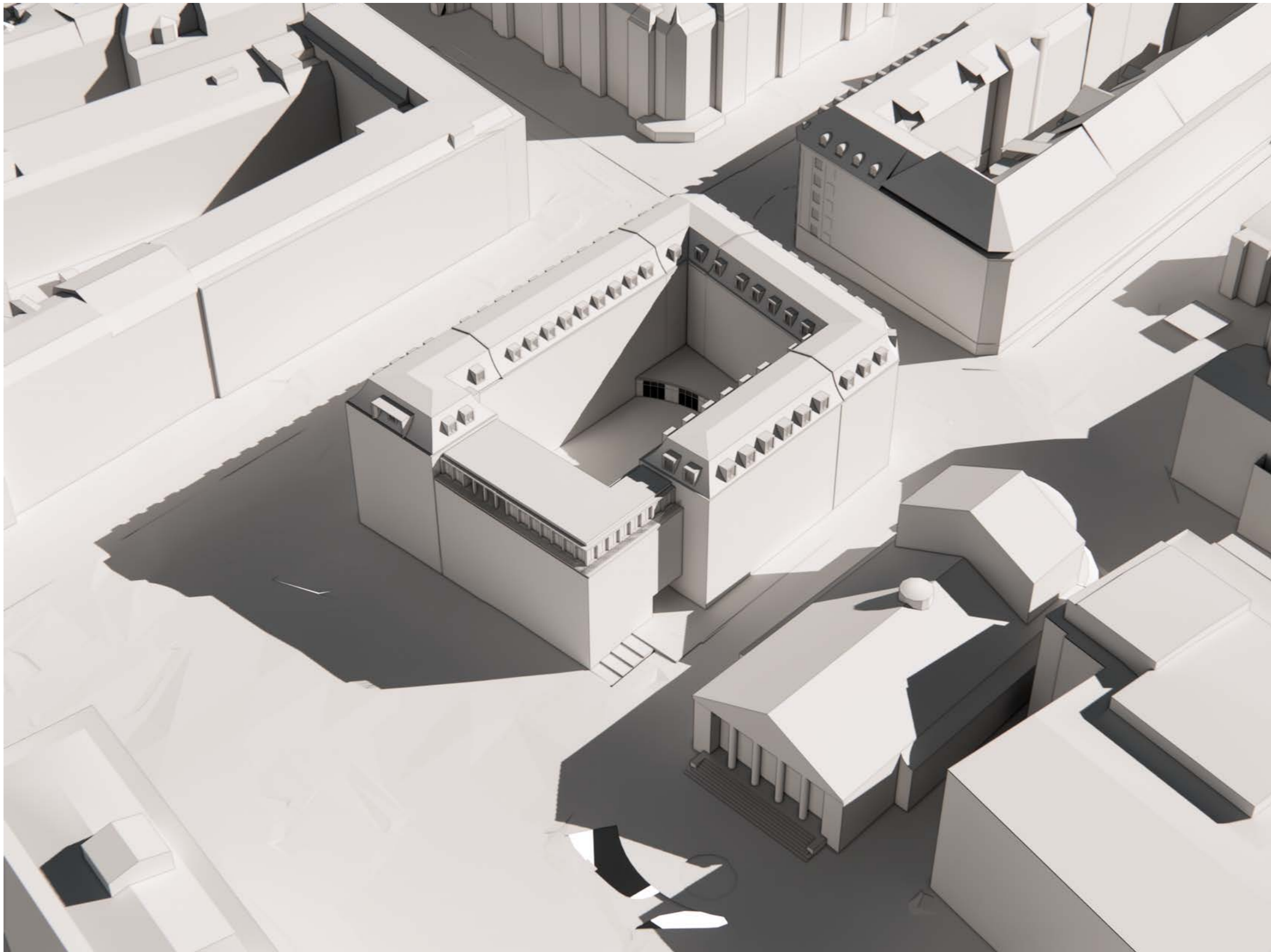
Solstudier - Vårdagjämning (20 mars) kl 11



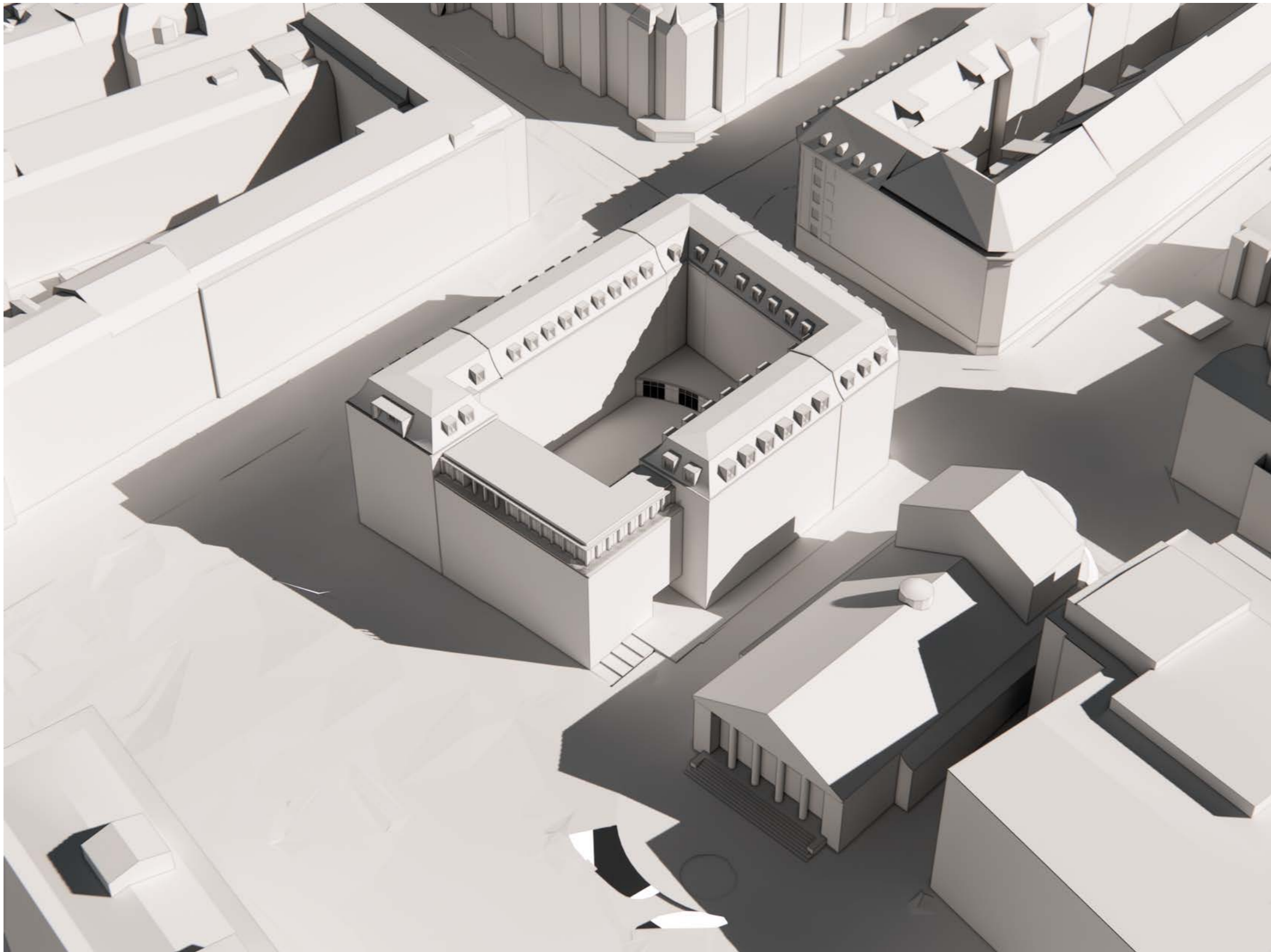
Solstudier - Vårdagjämning (20 mars) kl 12



Solstudier - Vårdagjämning (20 mars) kl 13



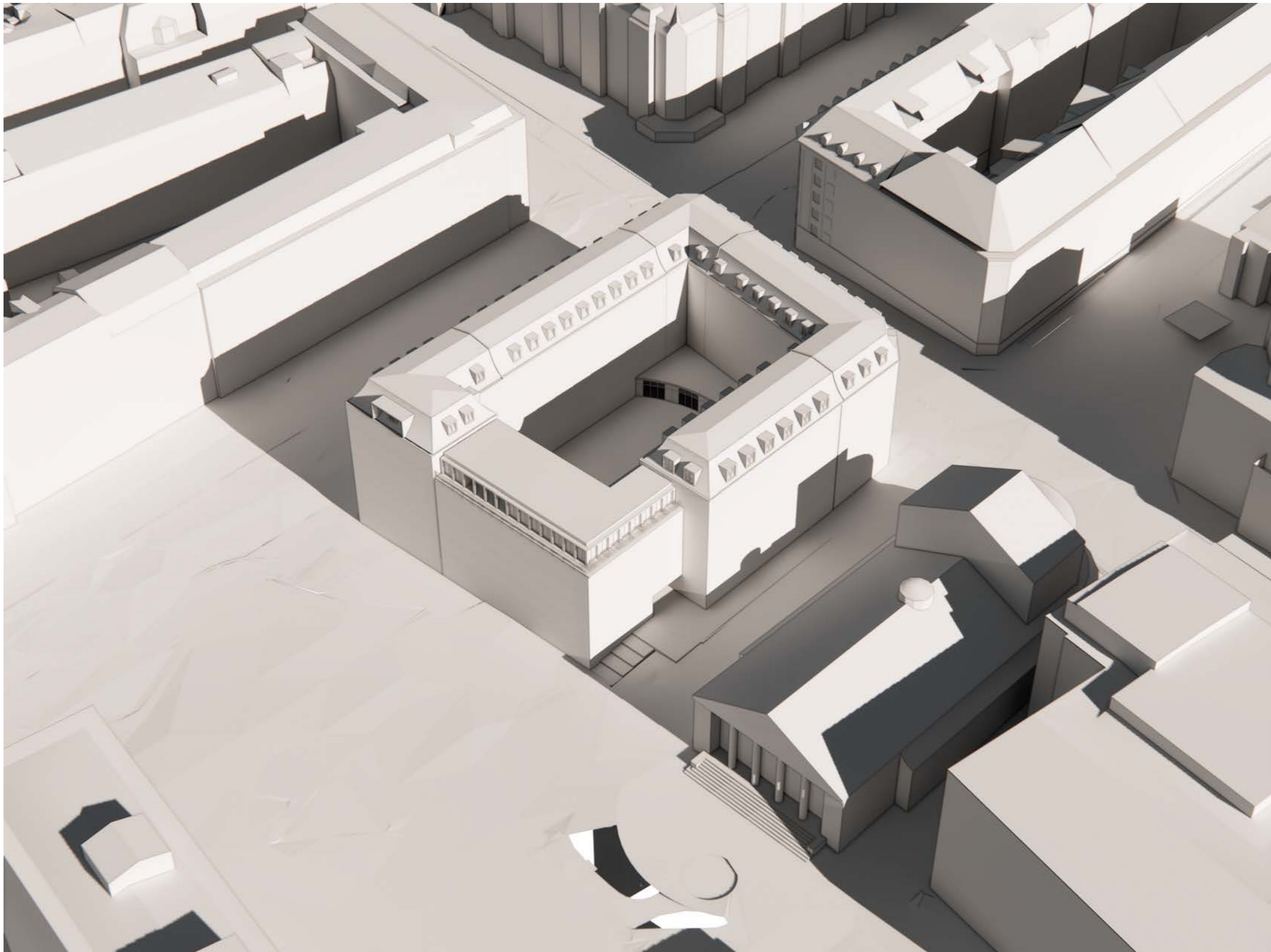
Solstudier - Vårdagjämning (20 mars) kl 14



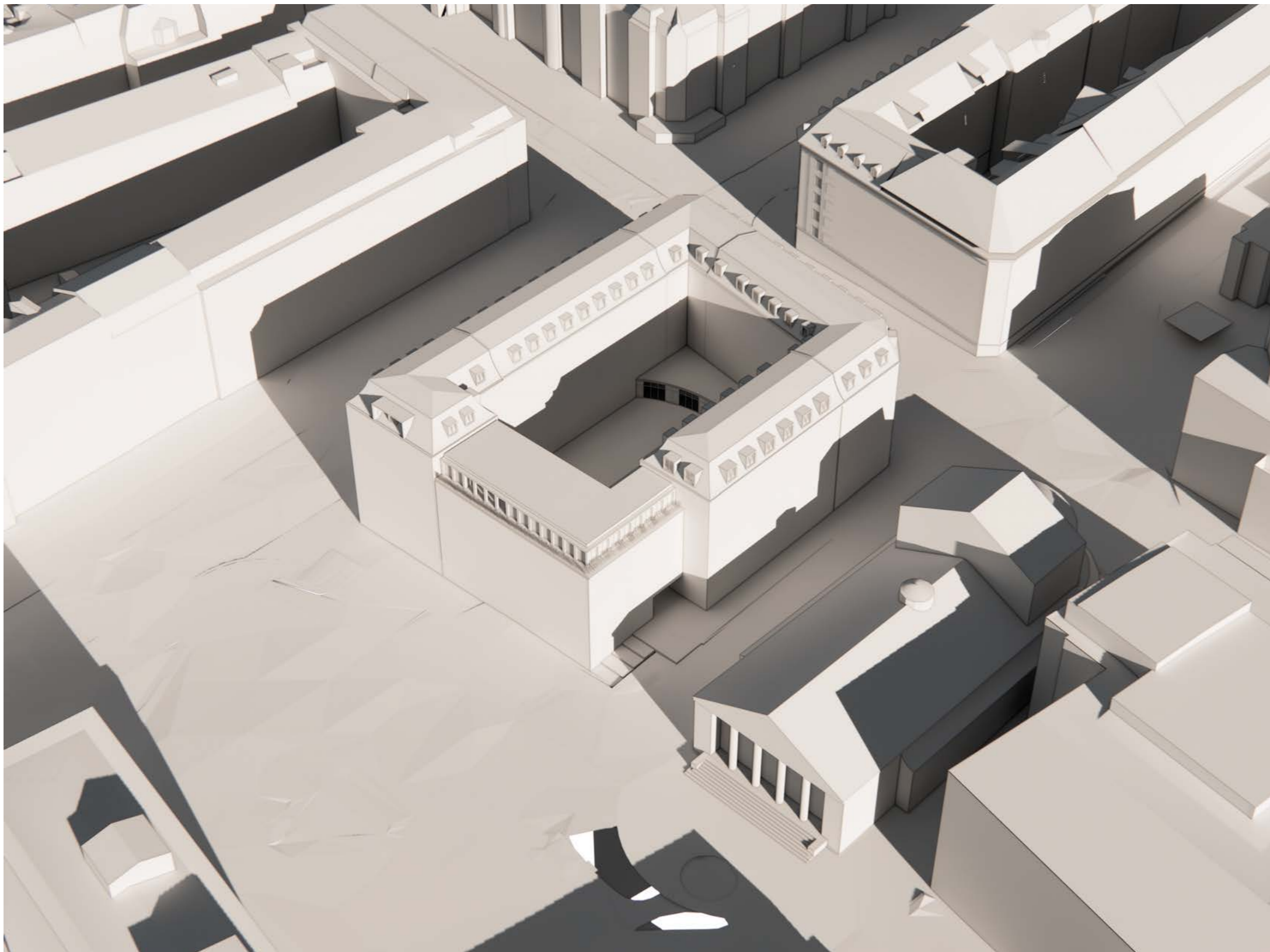
Solstudier - Vårdagjämning (20 mars) kl 15



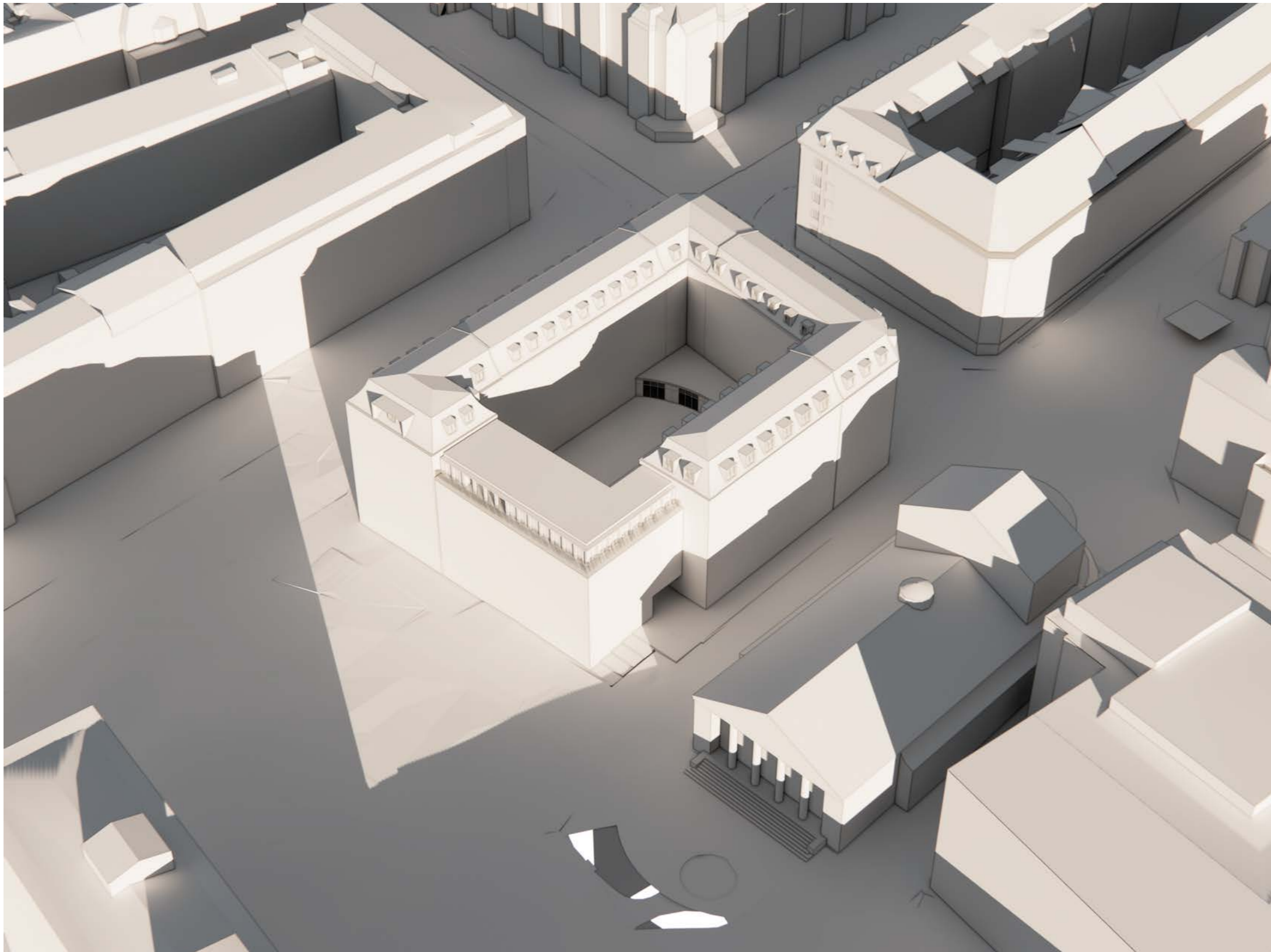
Solstudier - Vårdagjämning (20 mars) kl 16



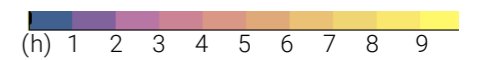
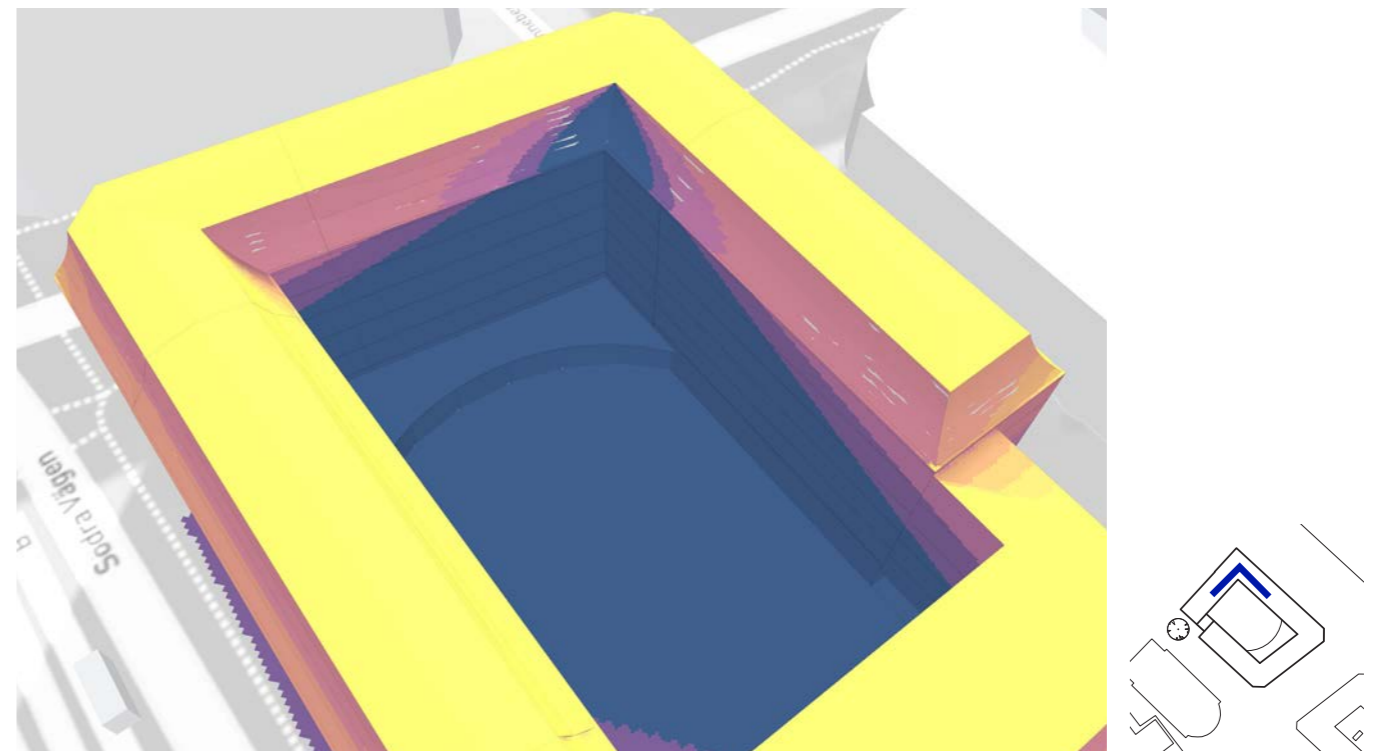
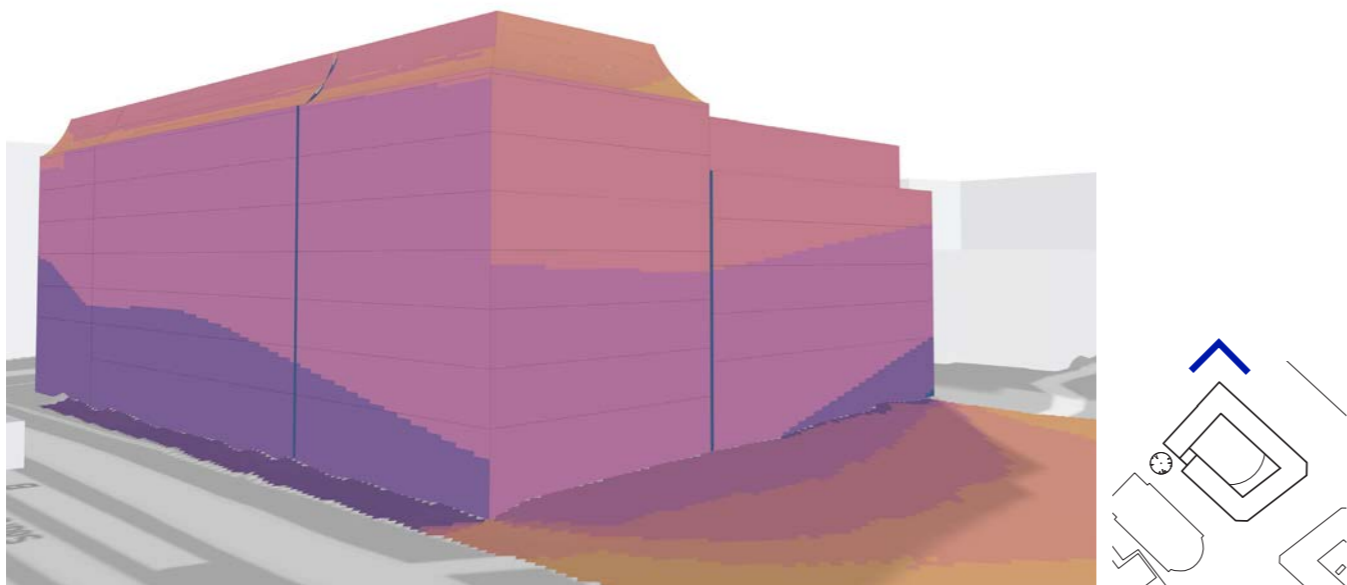
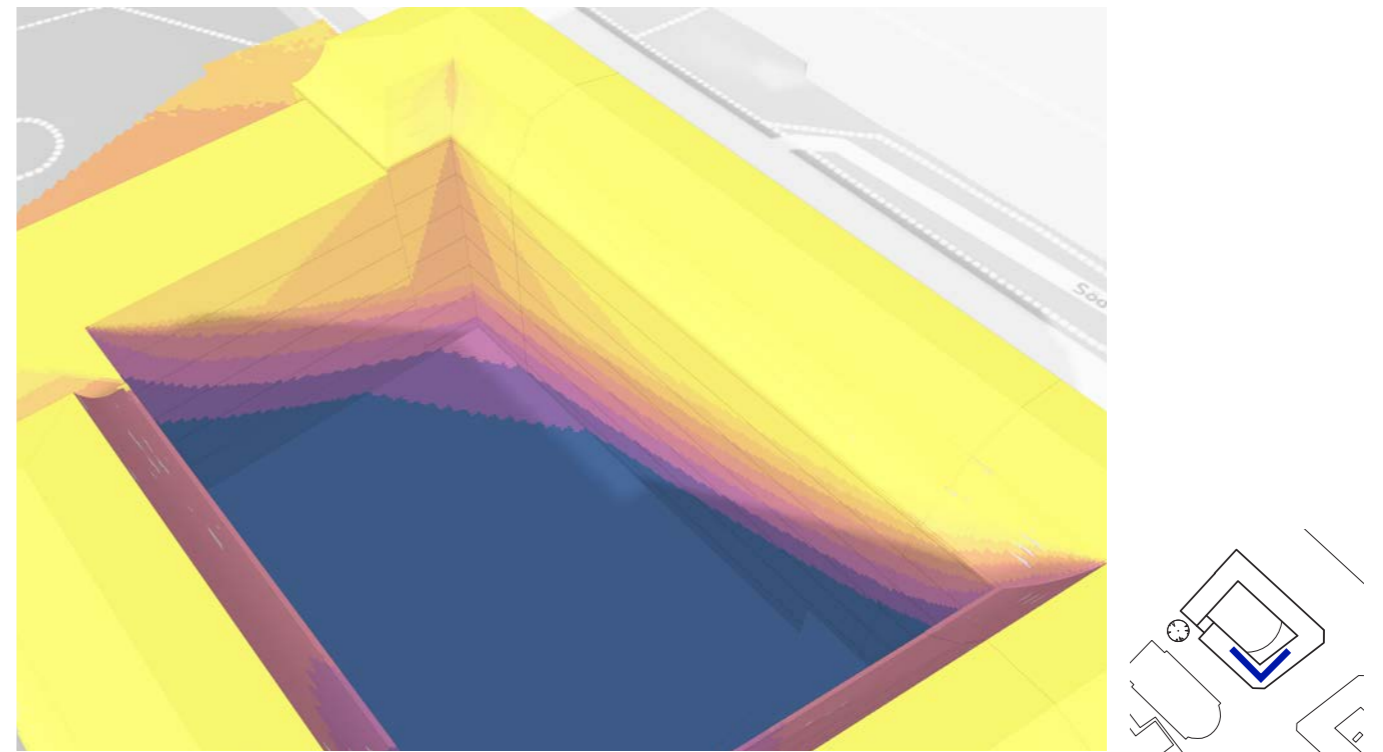
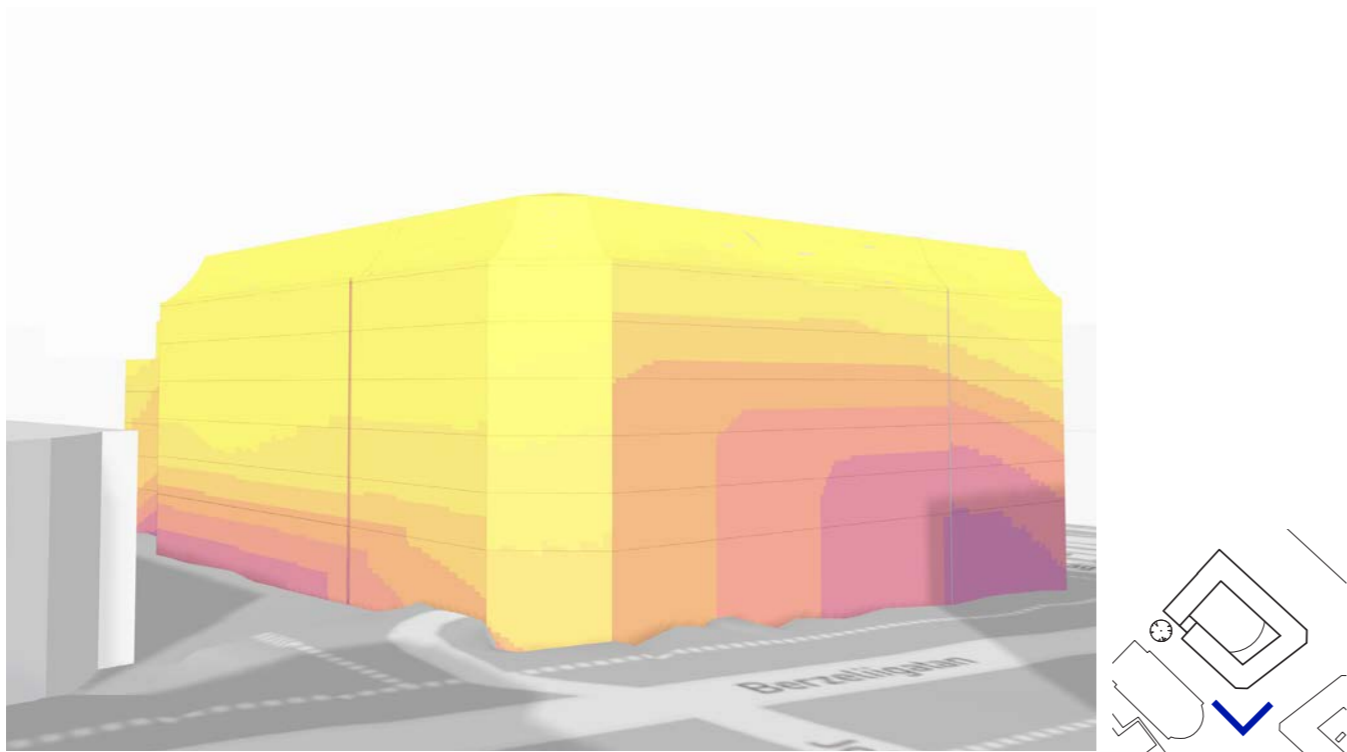
Solstudier - Vårdagjämning (20 mars) kl 17



Solstudier - Vårdagjämning (20 mars) kl 18



Analys antal soltimmar - Vårdagjämning (20 mars)



Solstudier - Midsommar (20 juni)



kl: 07



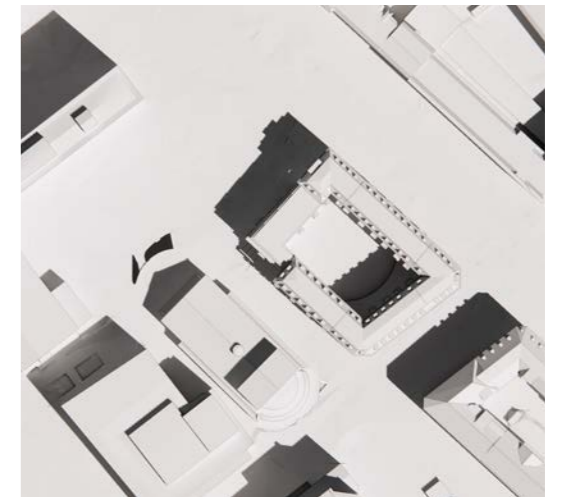
kl: 08



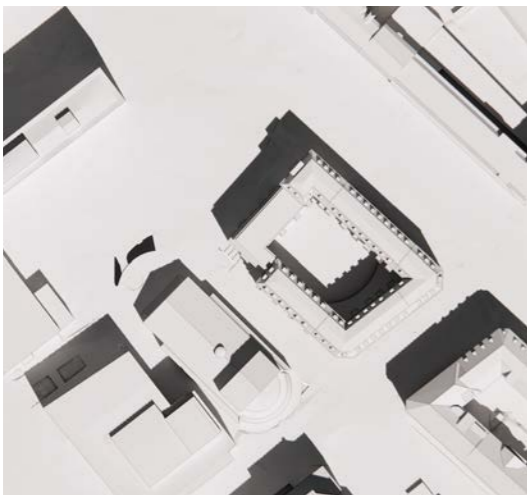
kl: 09



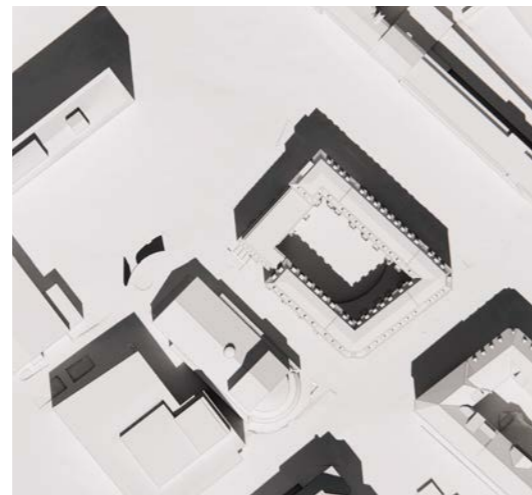
kl: 10



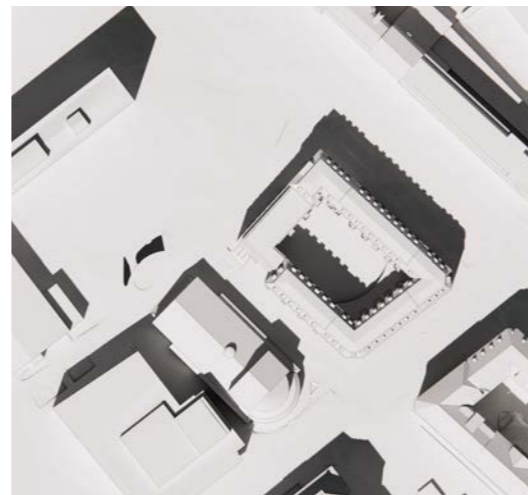
kl: 11



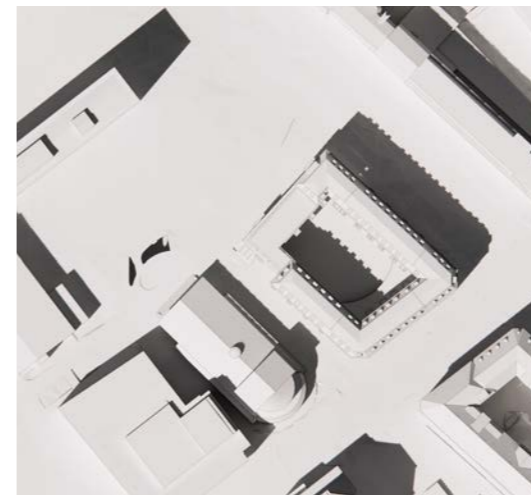
kl: 12



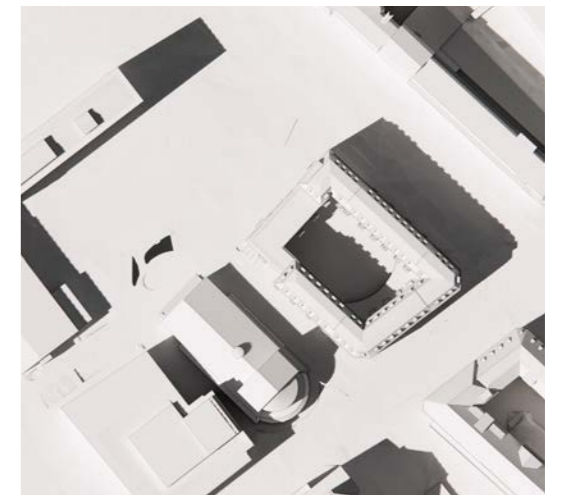
kl: 13



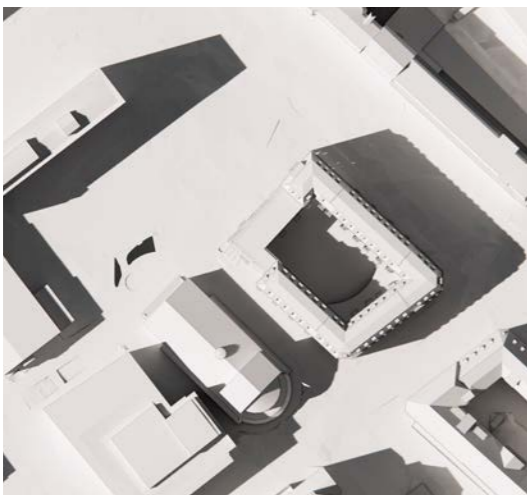
kl: 14



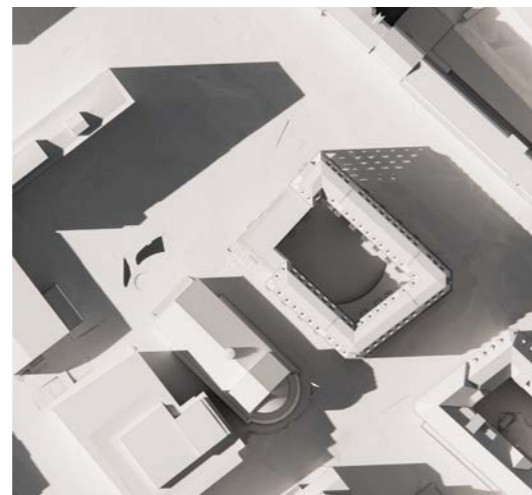
kl: 15



kl: 16



kl: 17



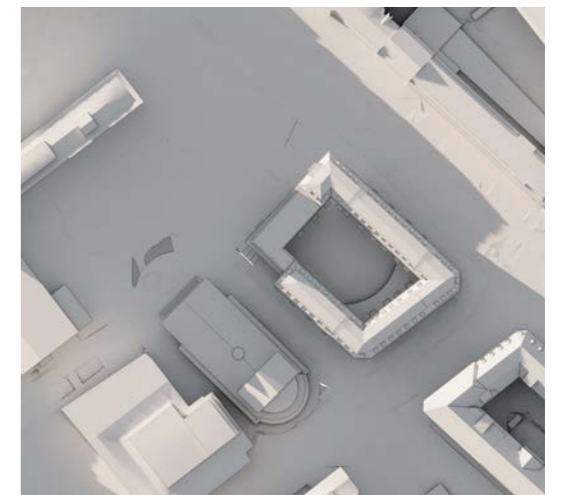
kl: 18



kl: 19



kl: 20

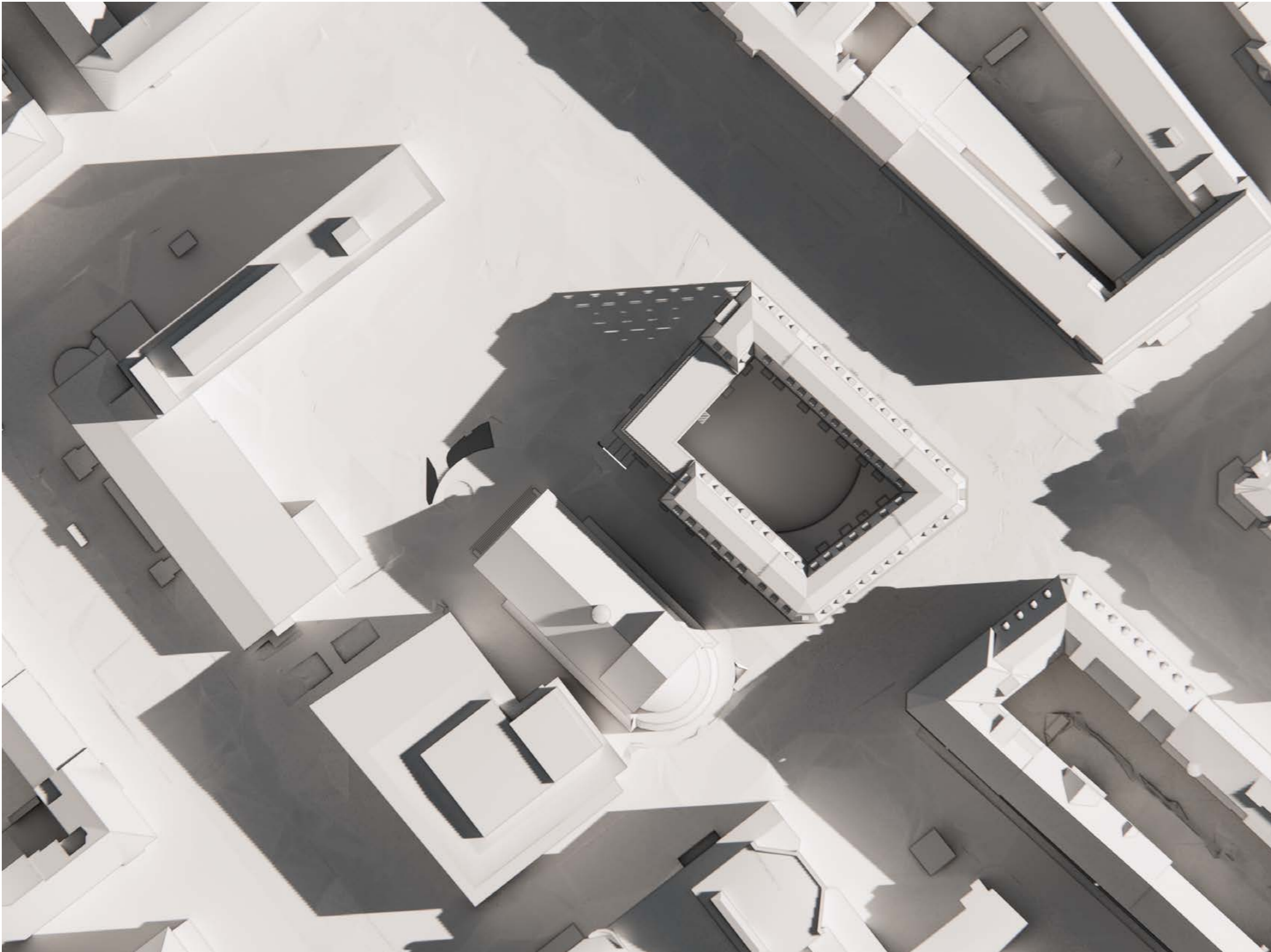


kl: 21

Solstudier - Midsommar (20 juni) kl 07



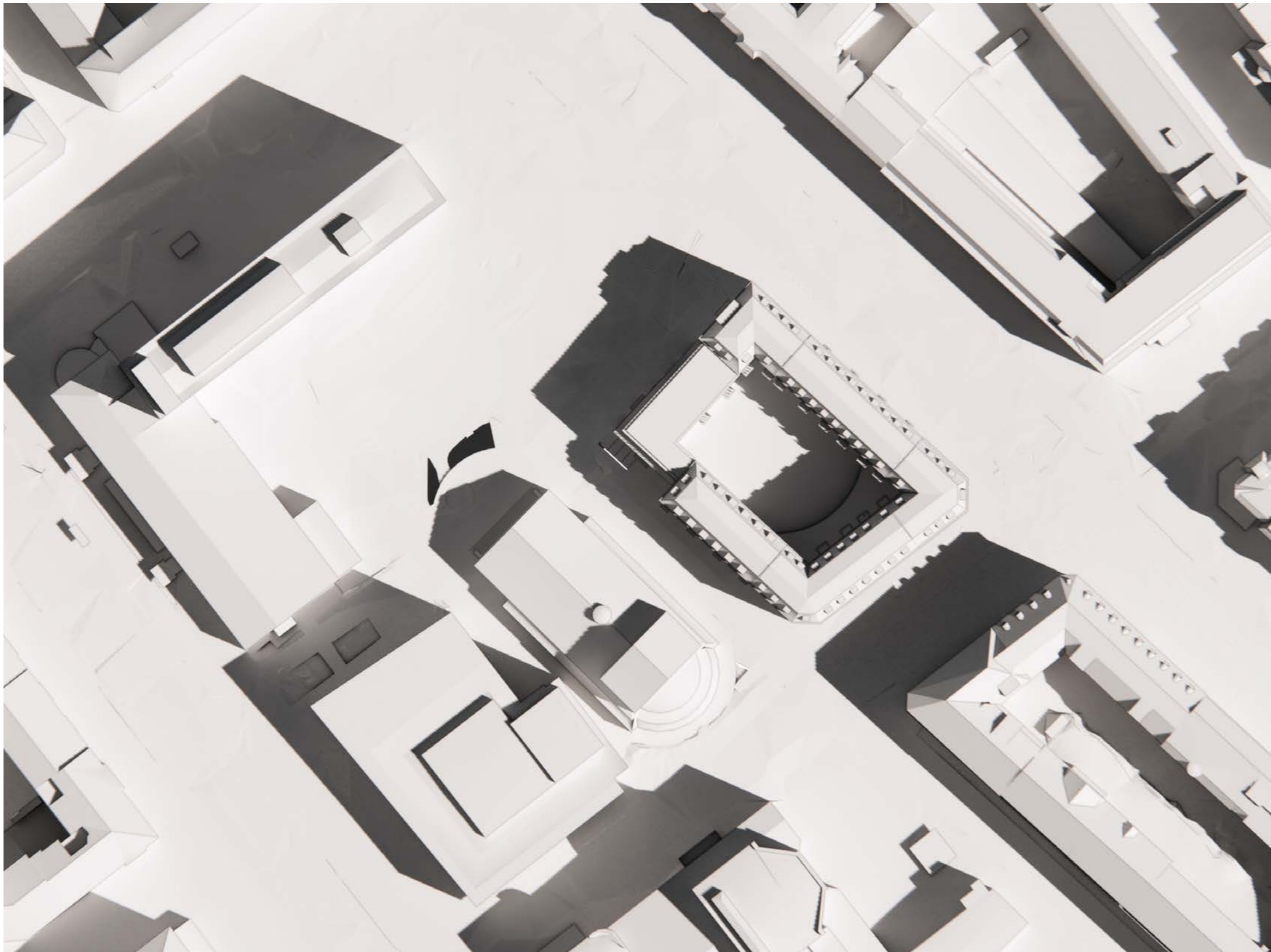
Solstudier - Midsommar (20 juni) kl 08



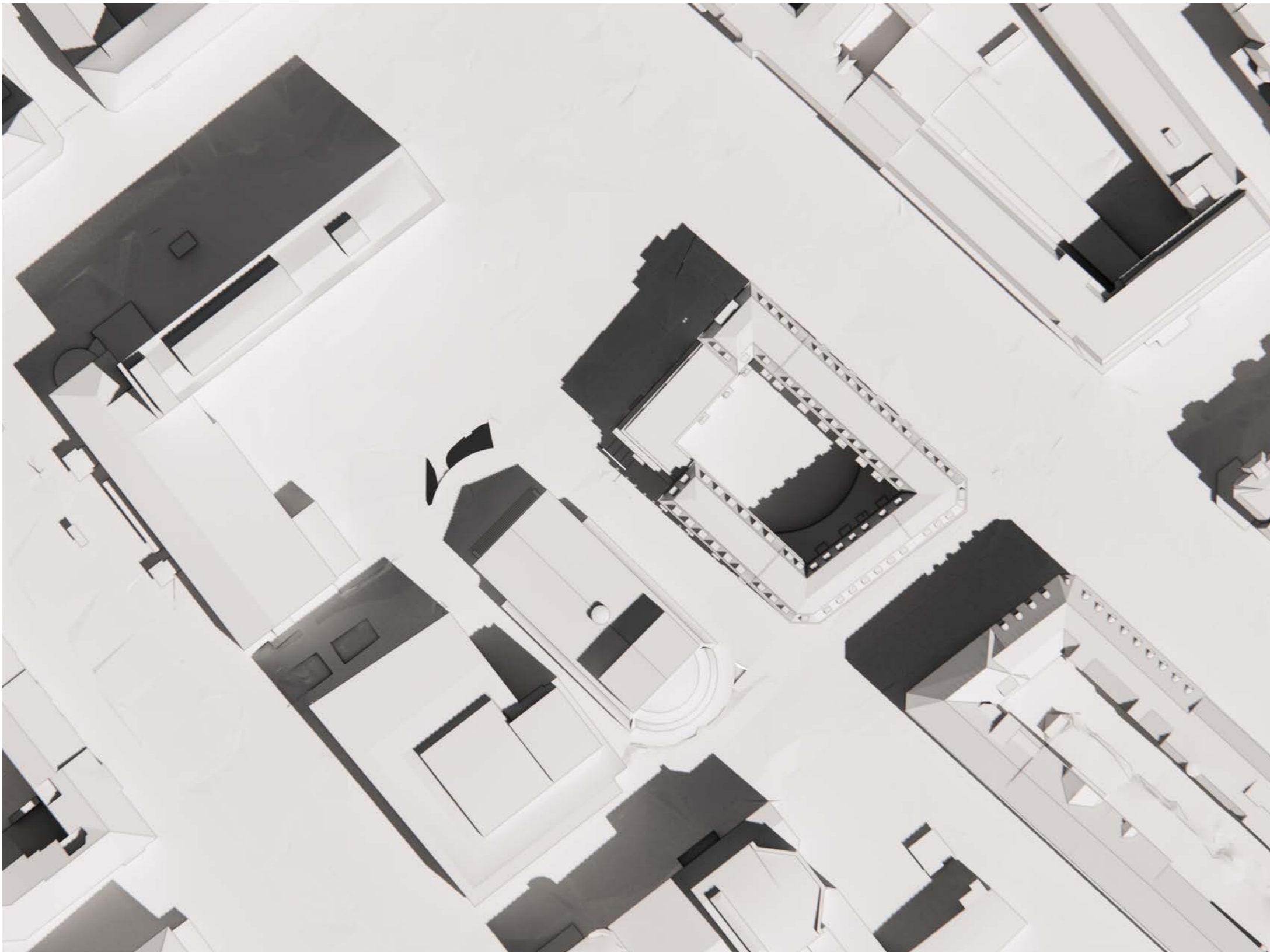
Solstudier - Midsommar (20 juni) kl 09



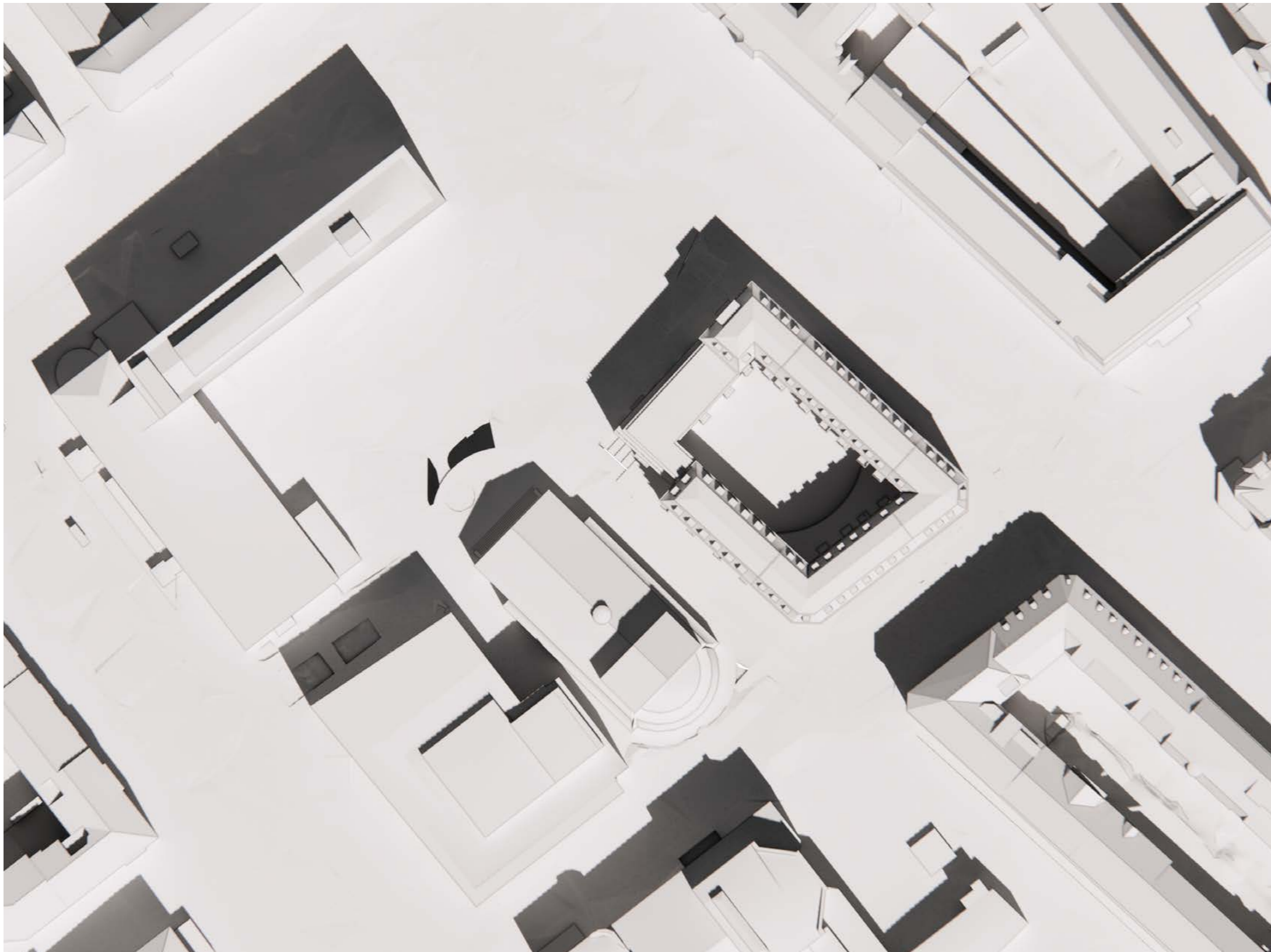
Solstudier - Midsommar (20 juni) kl 10



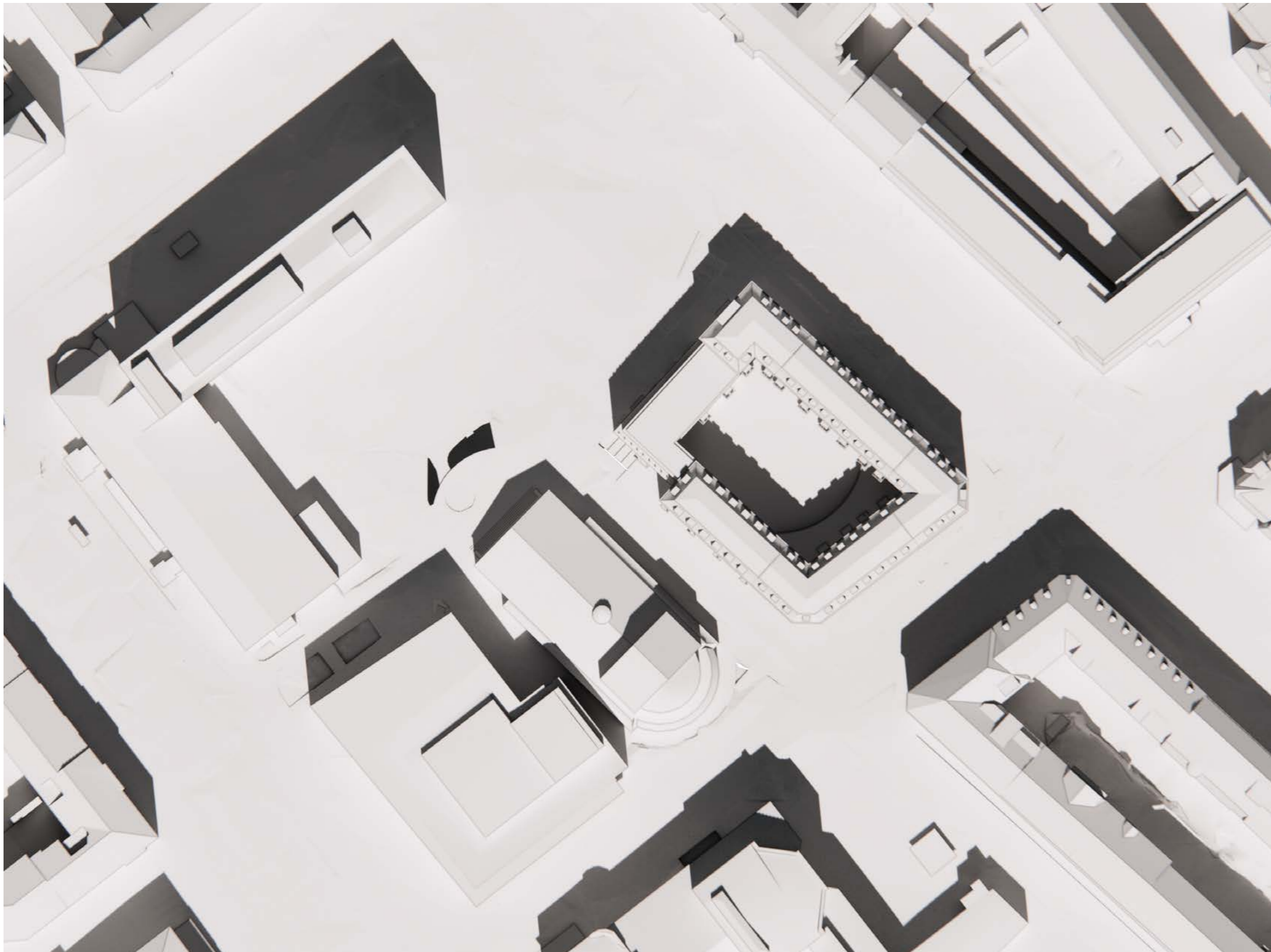
Solstudier - Midsommar (20 juni) kl 11



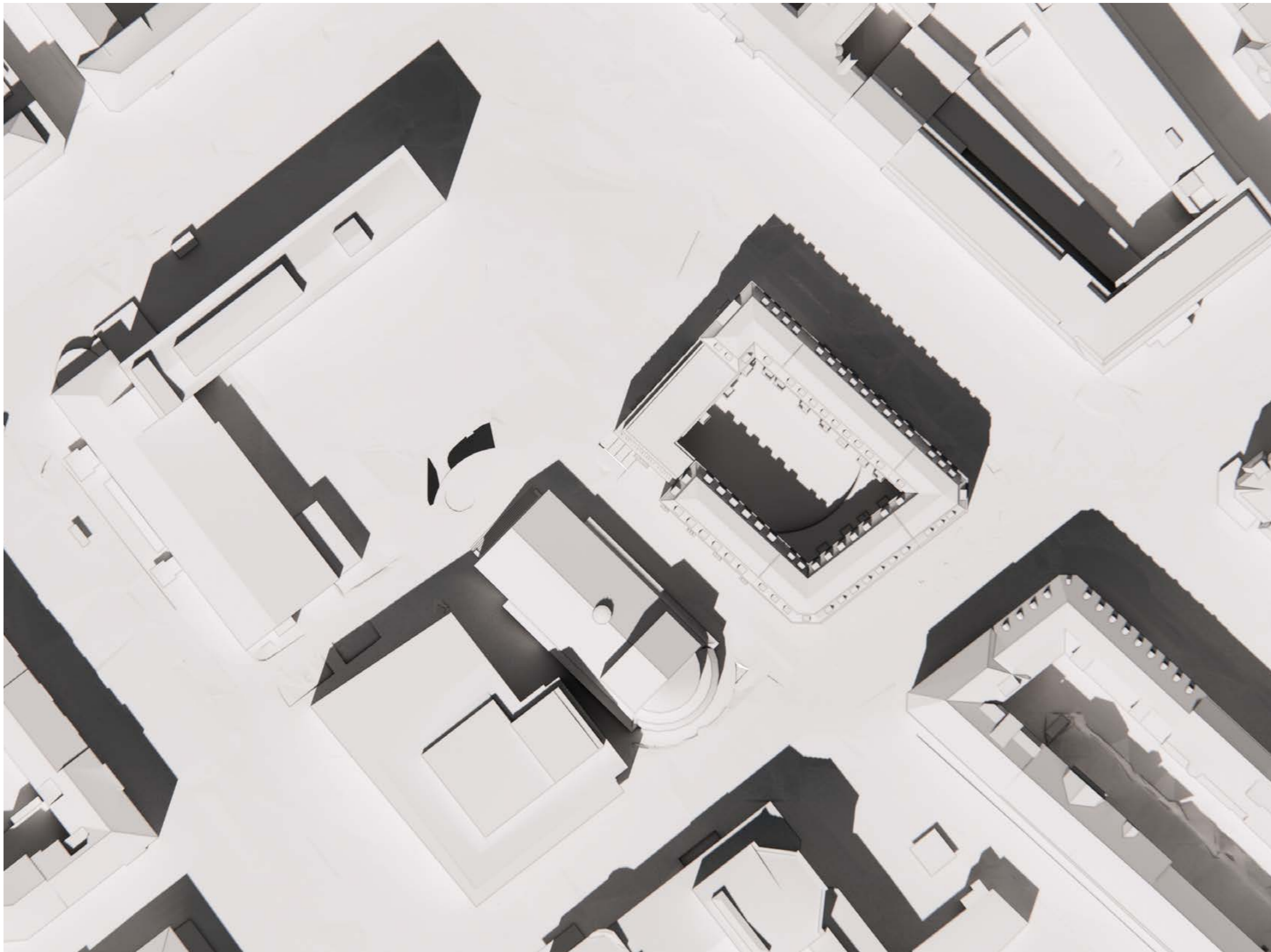
Solstudier - Midsommar (20 juni) kl 12



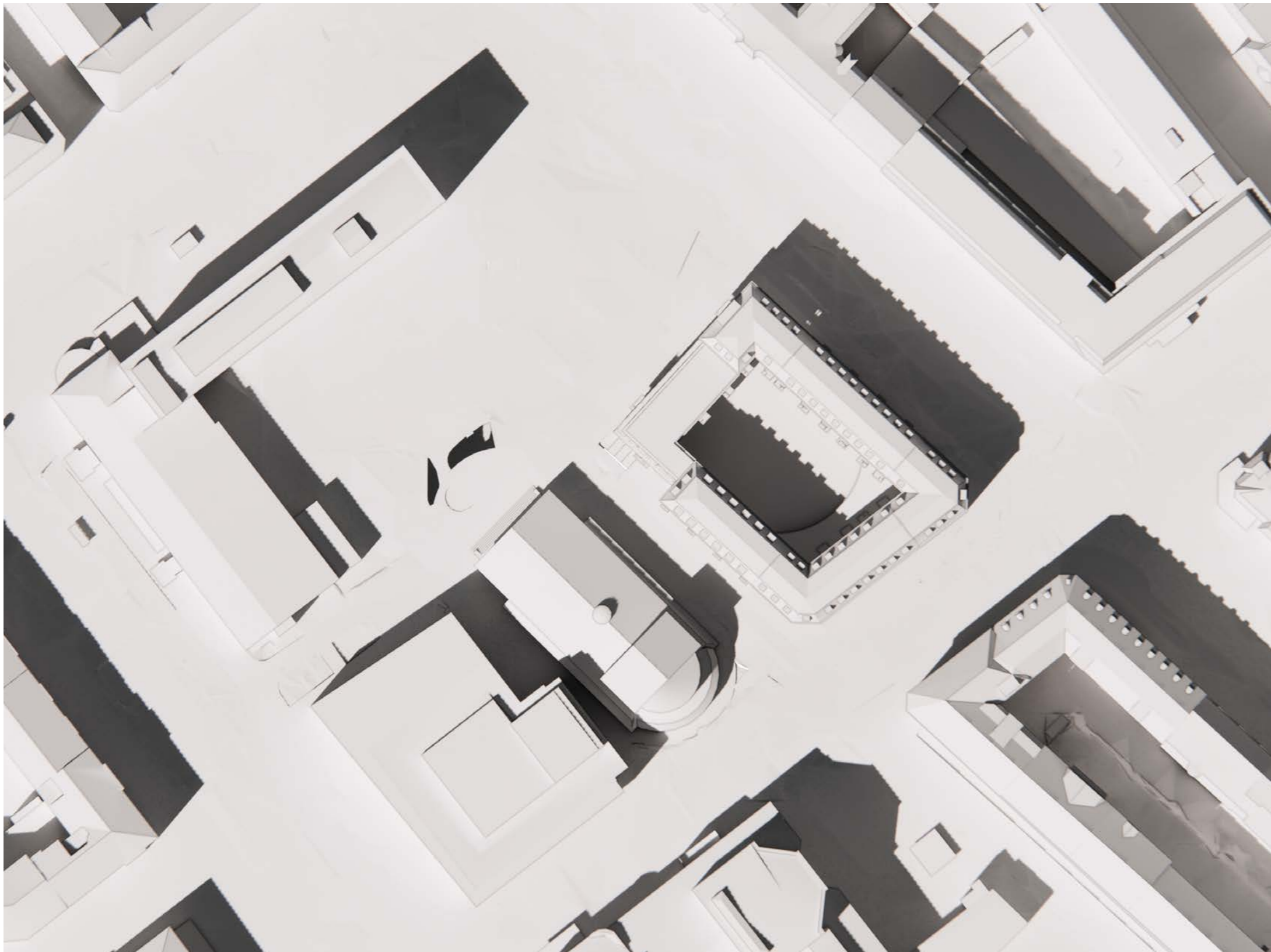
Solstudier - Midsommar (20 juni) kl 13



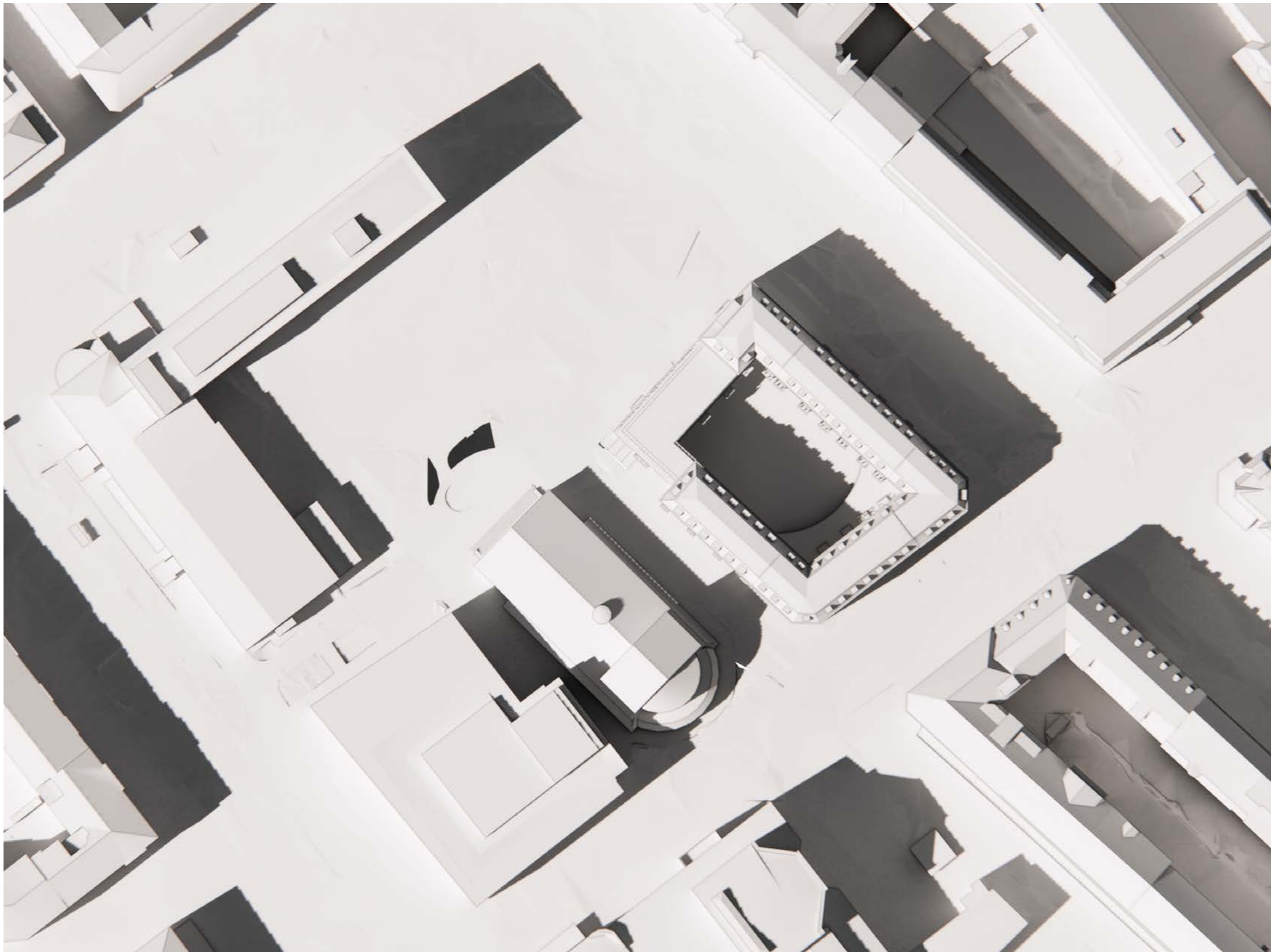
Solstudier - Midsommar (20 juni) kl 14



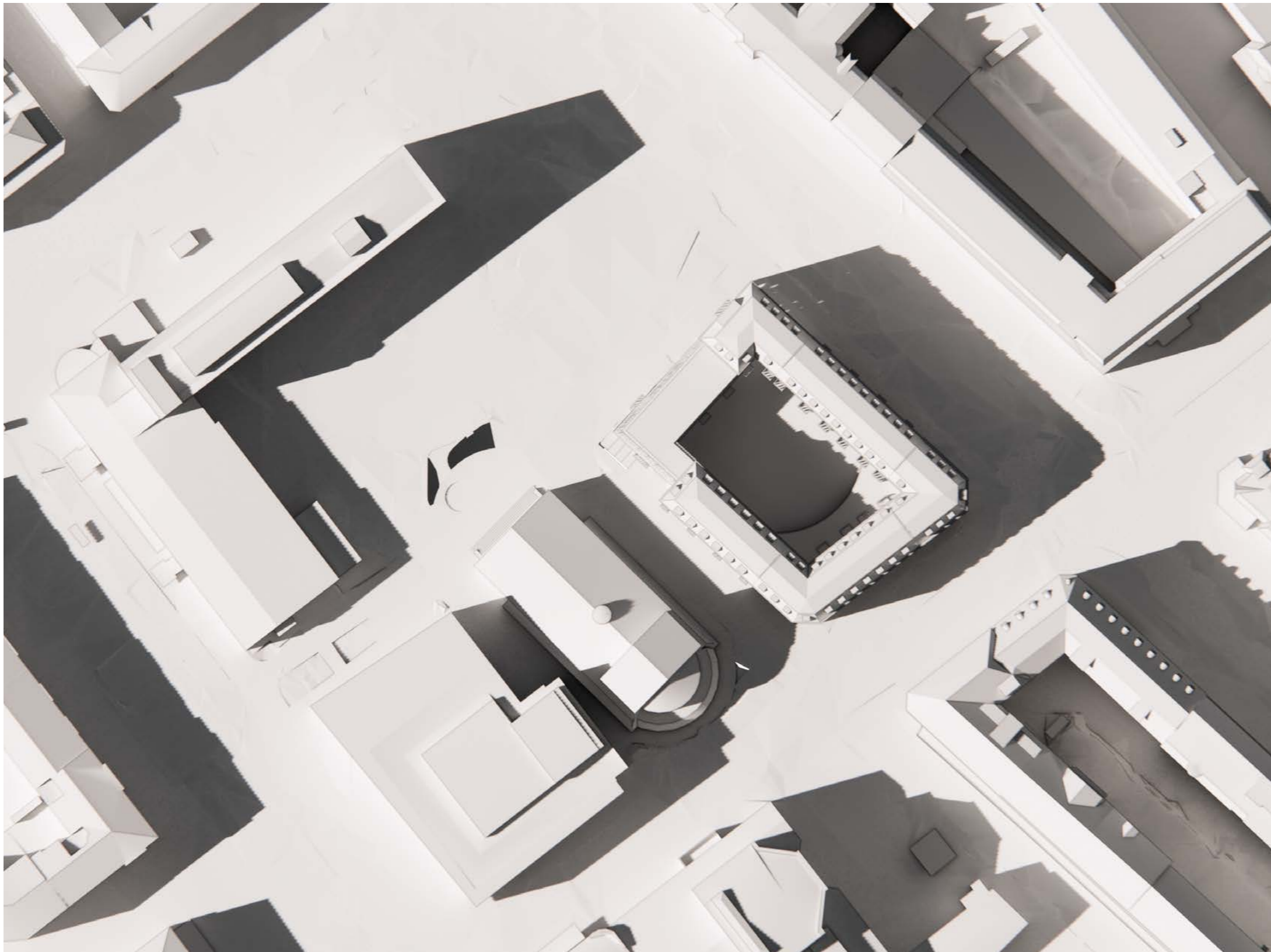
Solstudier - Midsommar (20 juni) kl 15



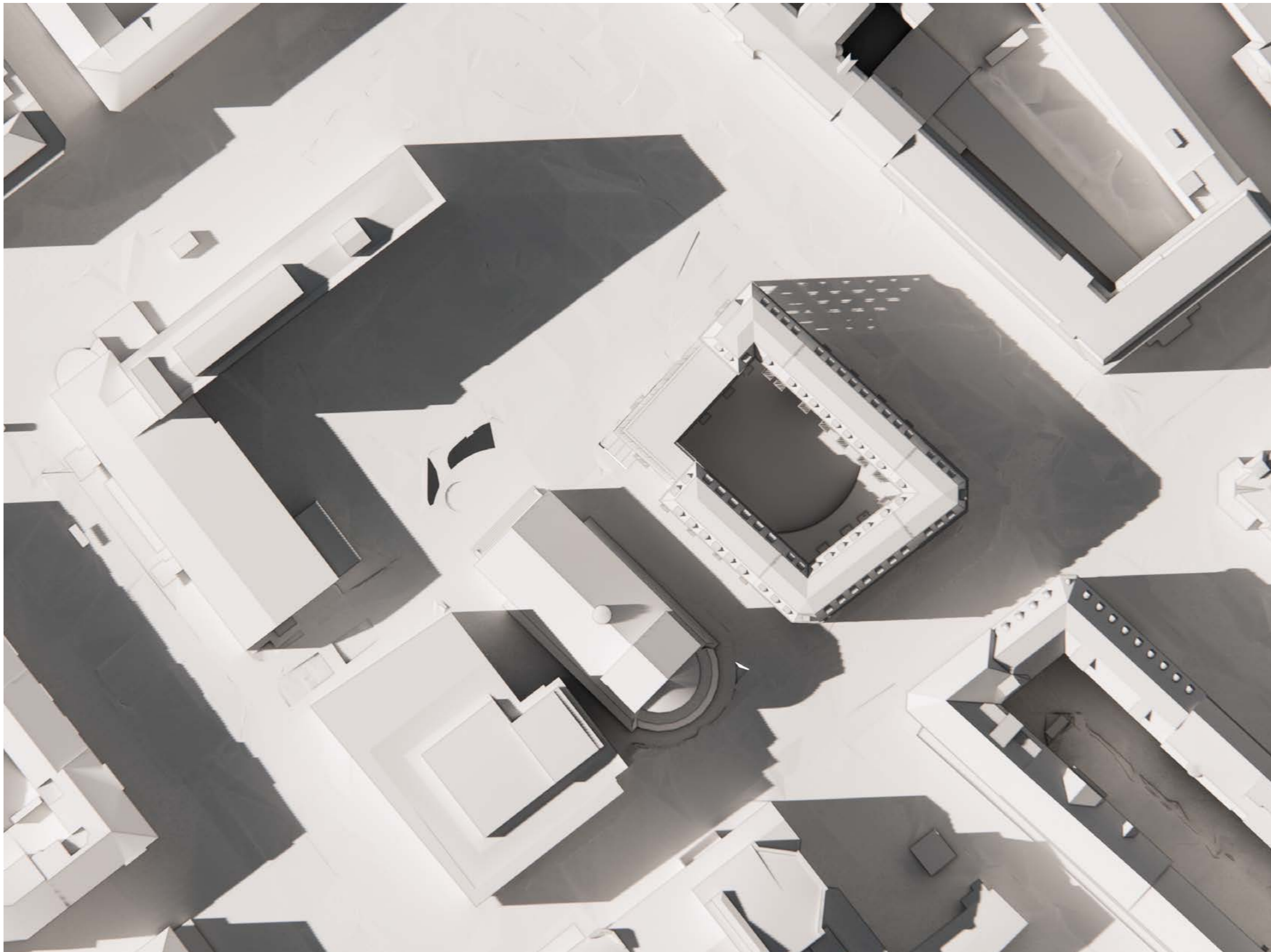
Solstudier - Midsommar (20 juni) kl 16



Solstudier - Midsommar (20 juni) kl 17



Solstudier - Midsommar (20 juni) kl 18



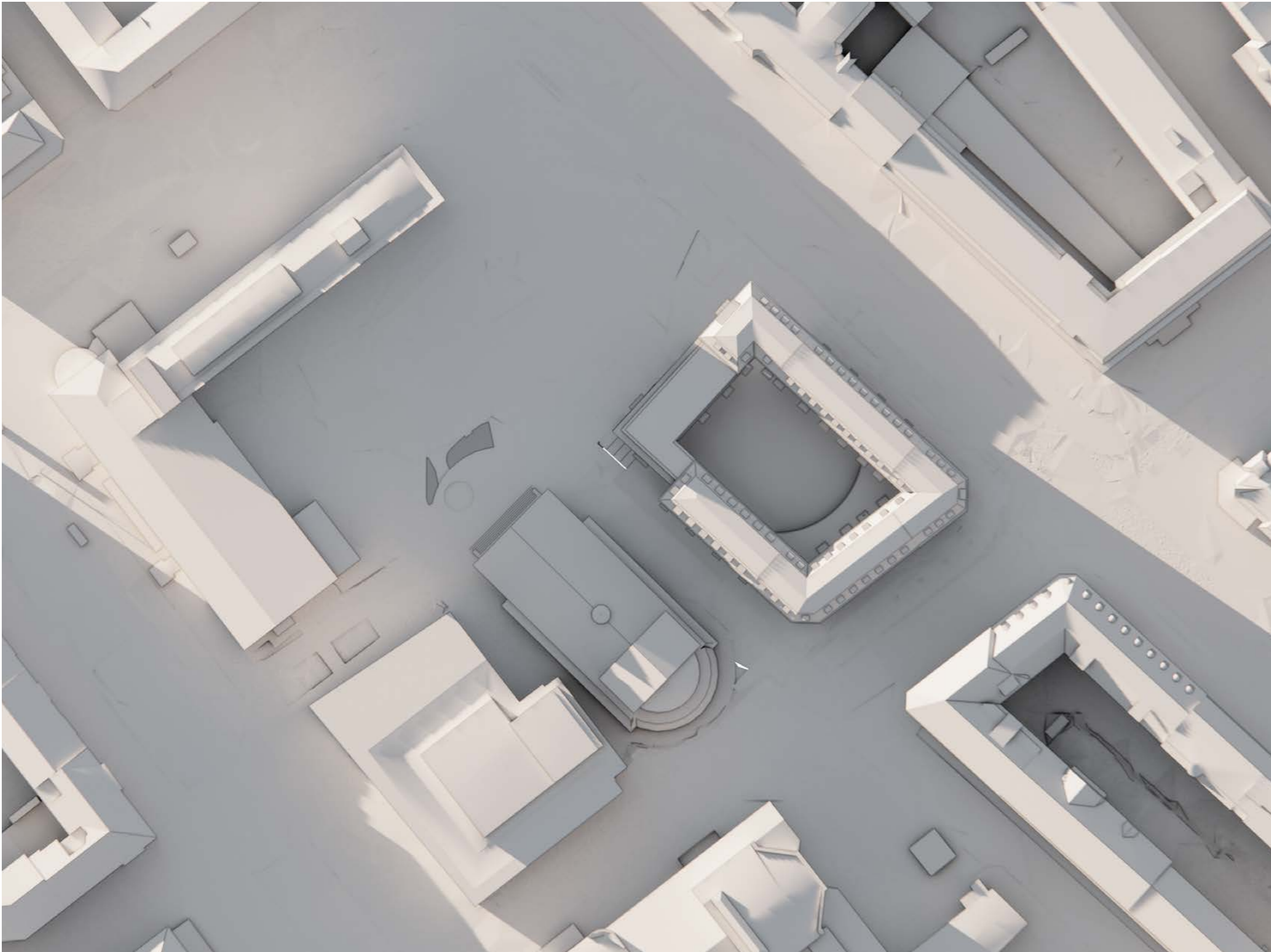
Solstudier - Midsommar (20 juni) kl 19



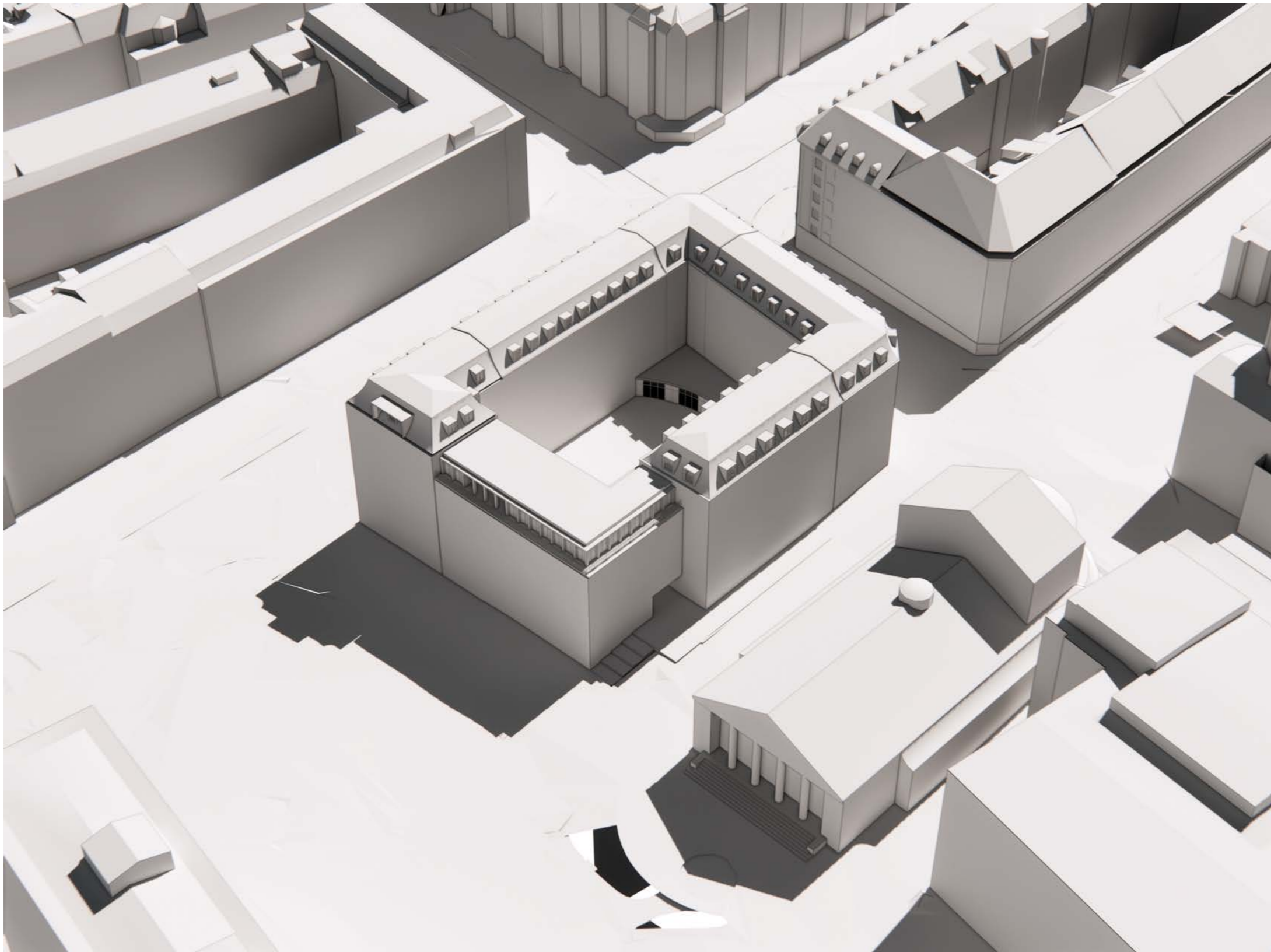
Solstudier - Midsommar (20 juni) kl 20



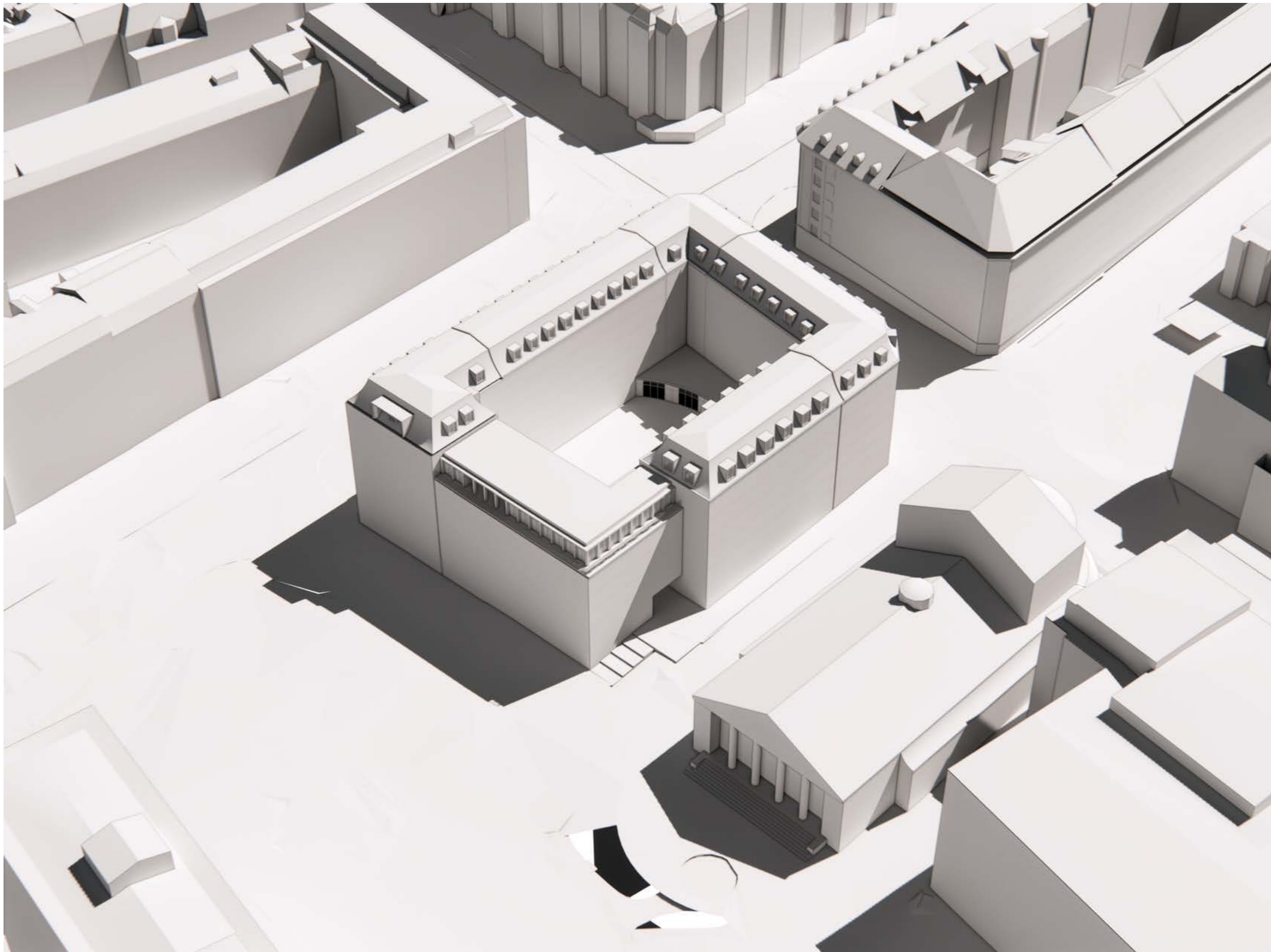
Solstudier - Midsommar (20 juni) kl 21



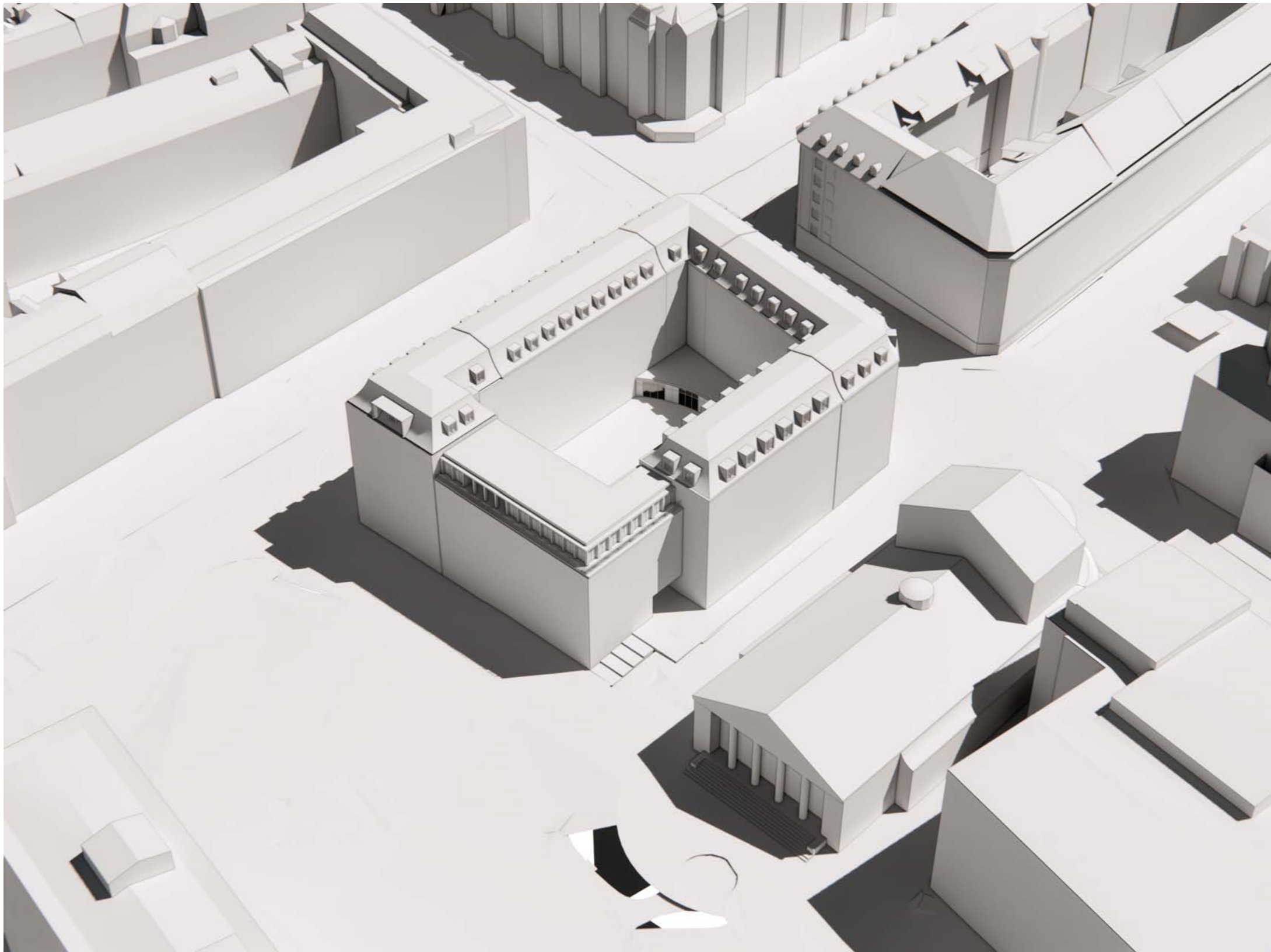
Solstudier - Midsommar (20 juni) kl 11



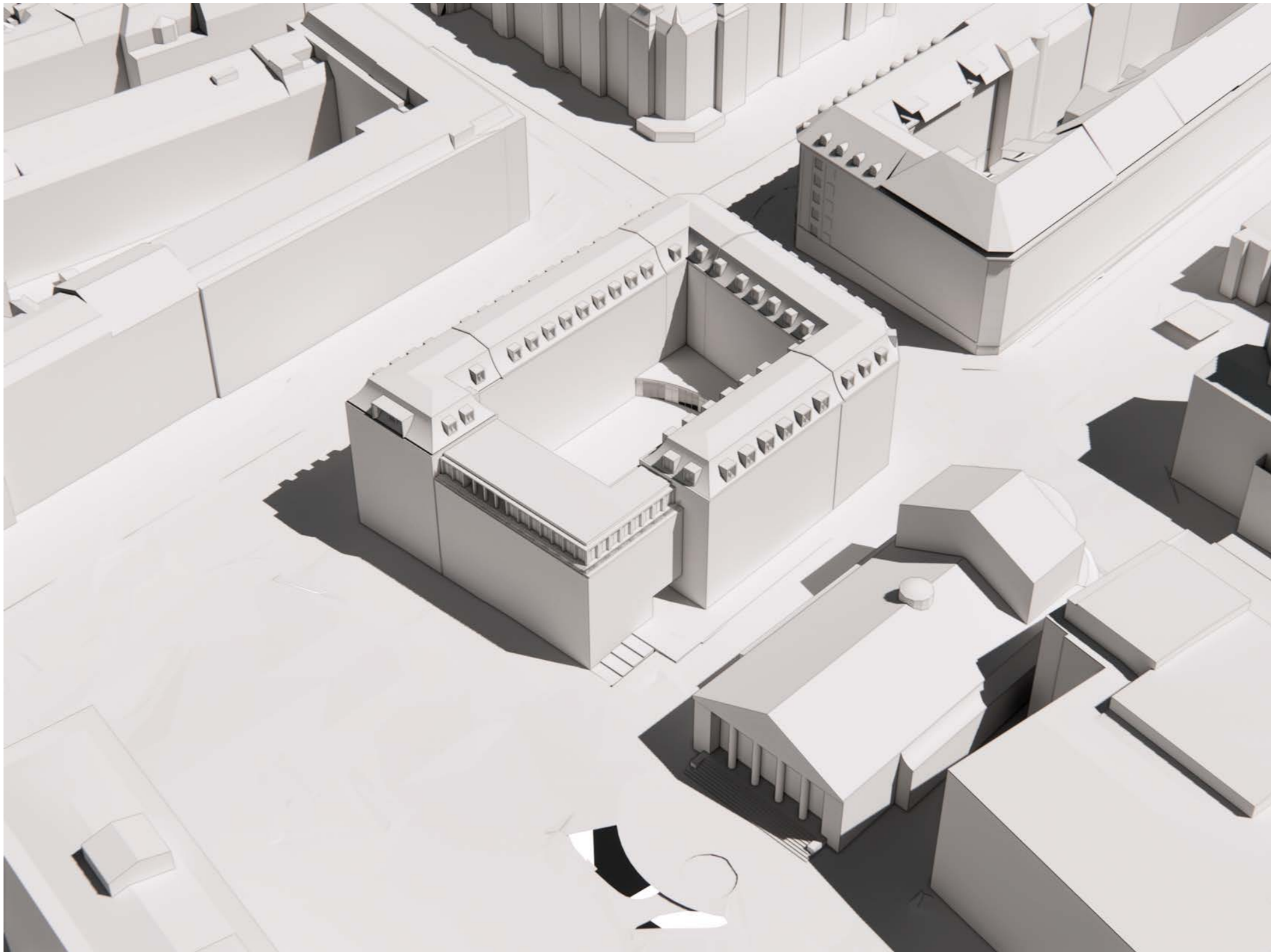
Solstudier - Midsommar (20 juni) kl 12



Solstudier - Midsommar (20 juni) kl 13



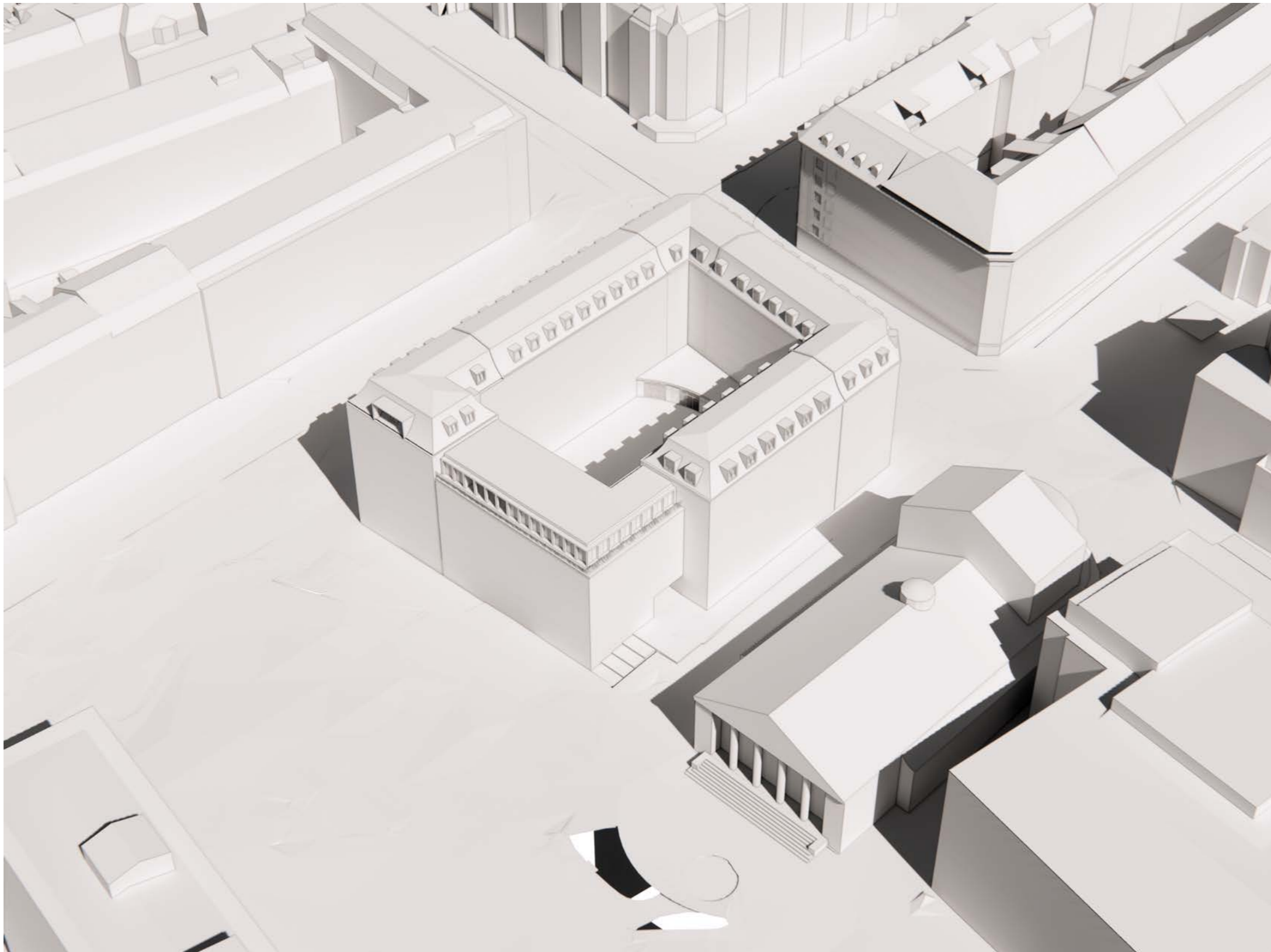
Solstudier - Midsommar (20 juni) kl 14



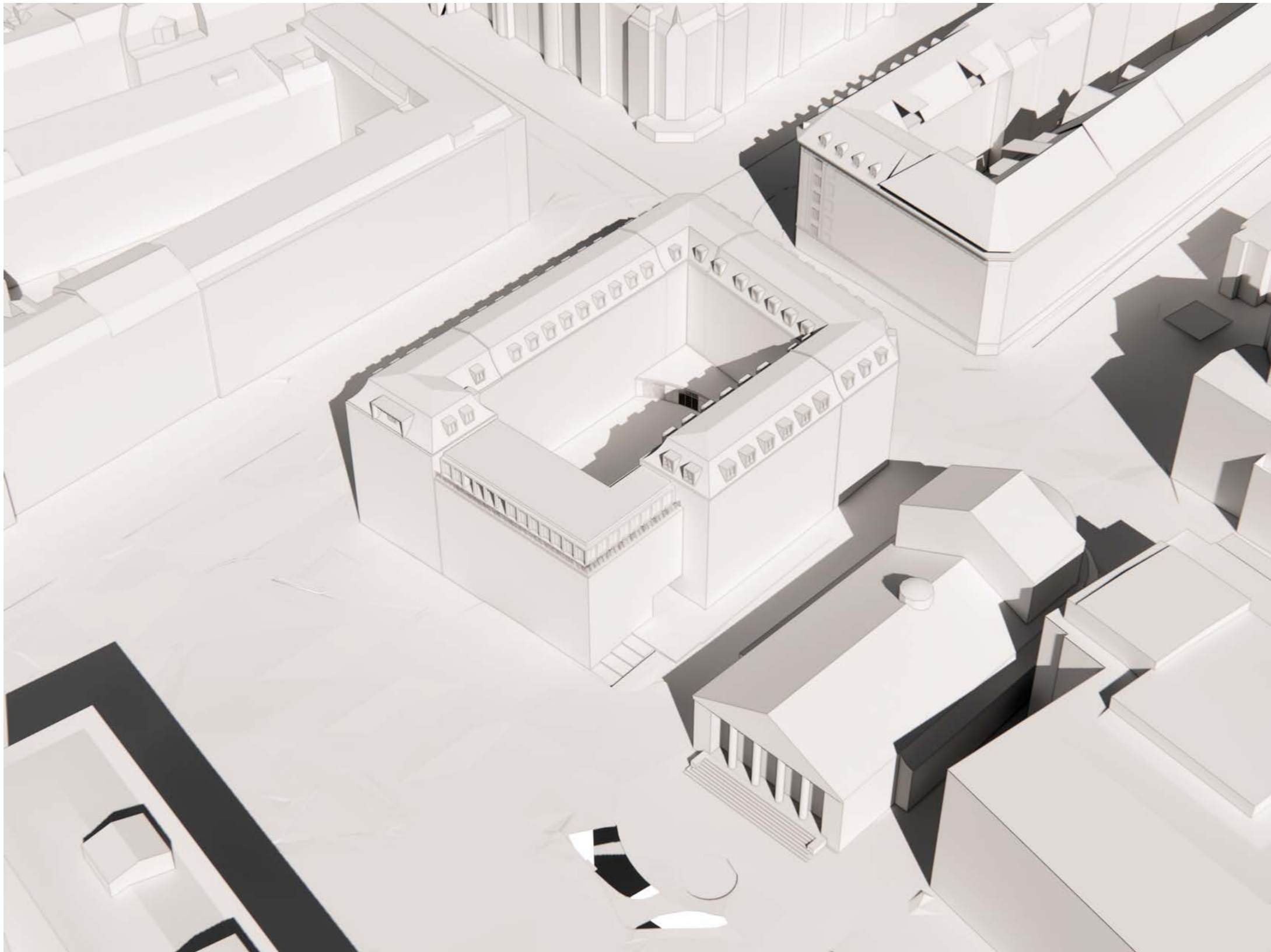
Solstudier - Midsommar (20 juni) kl 15



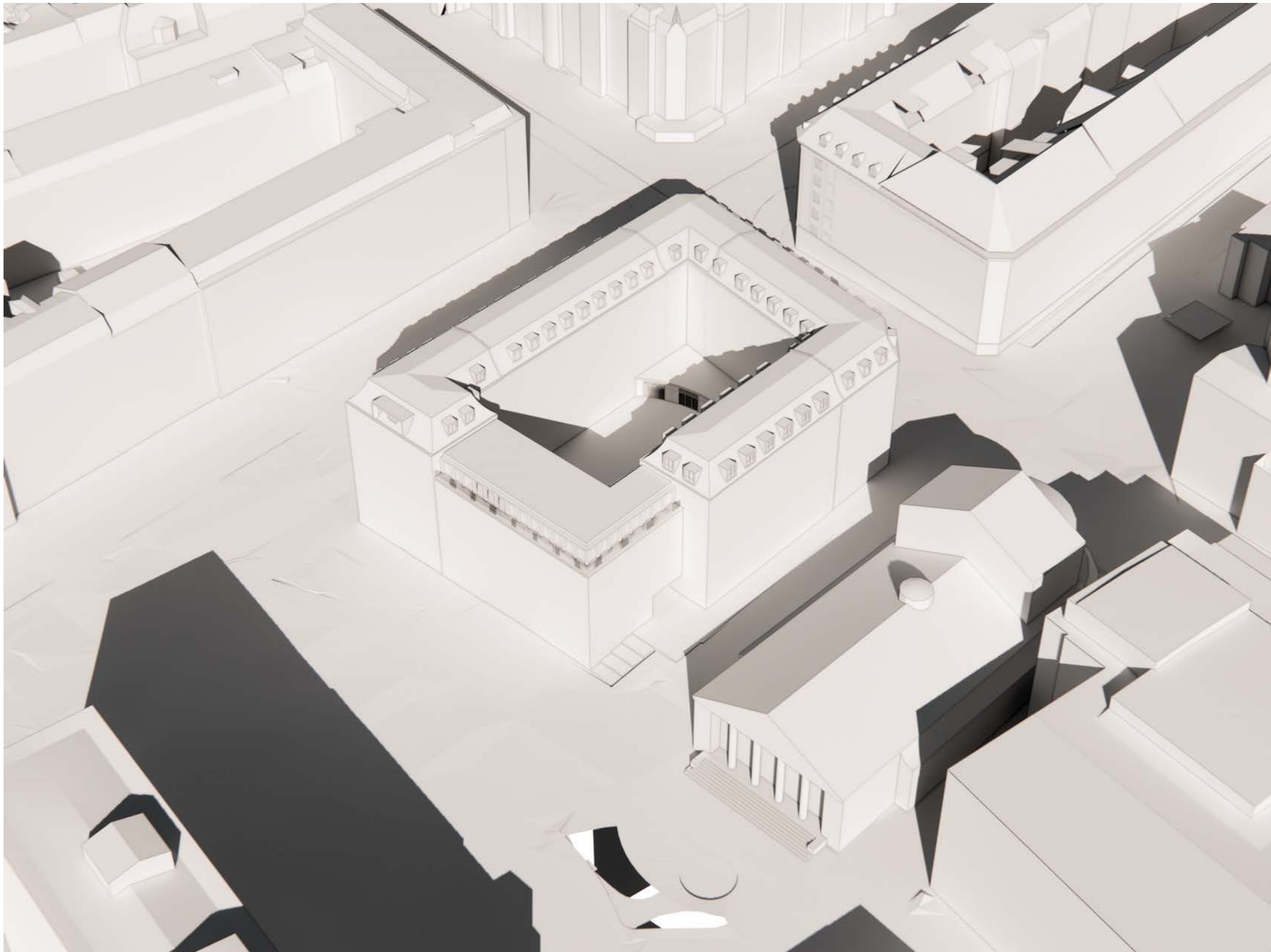
Solstudier - Midsommar (20 juni) kl 16



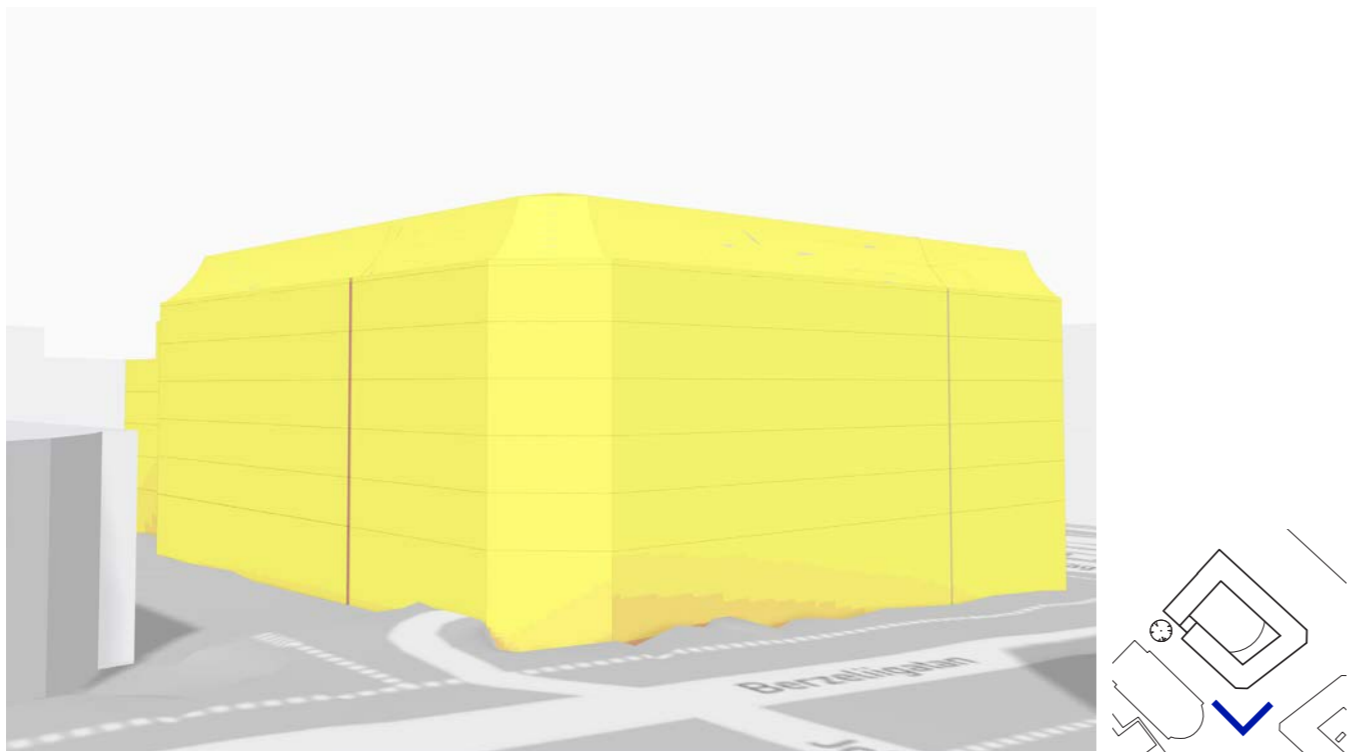
Solstudier - Midsommar (20 juni) kl 17



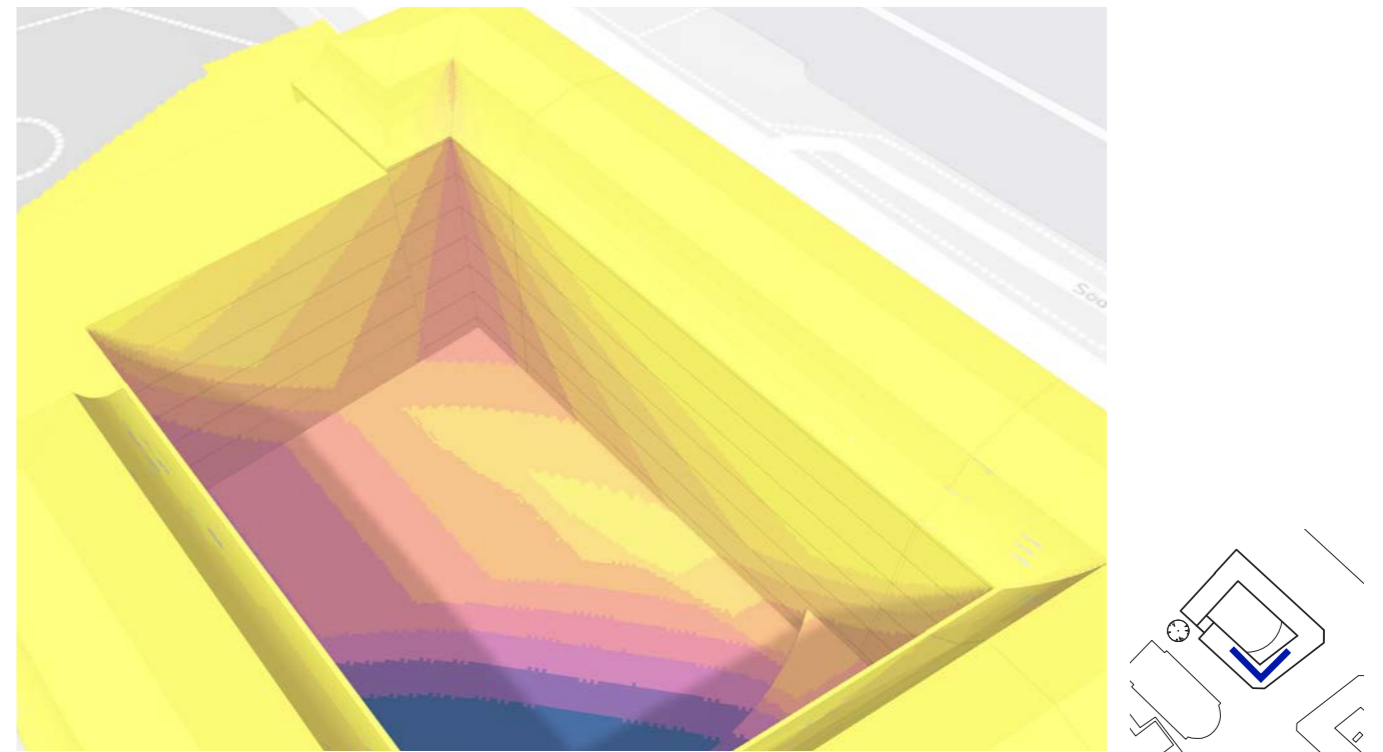
Solstudier - Midsommar (20 juni) kl 18



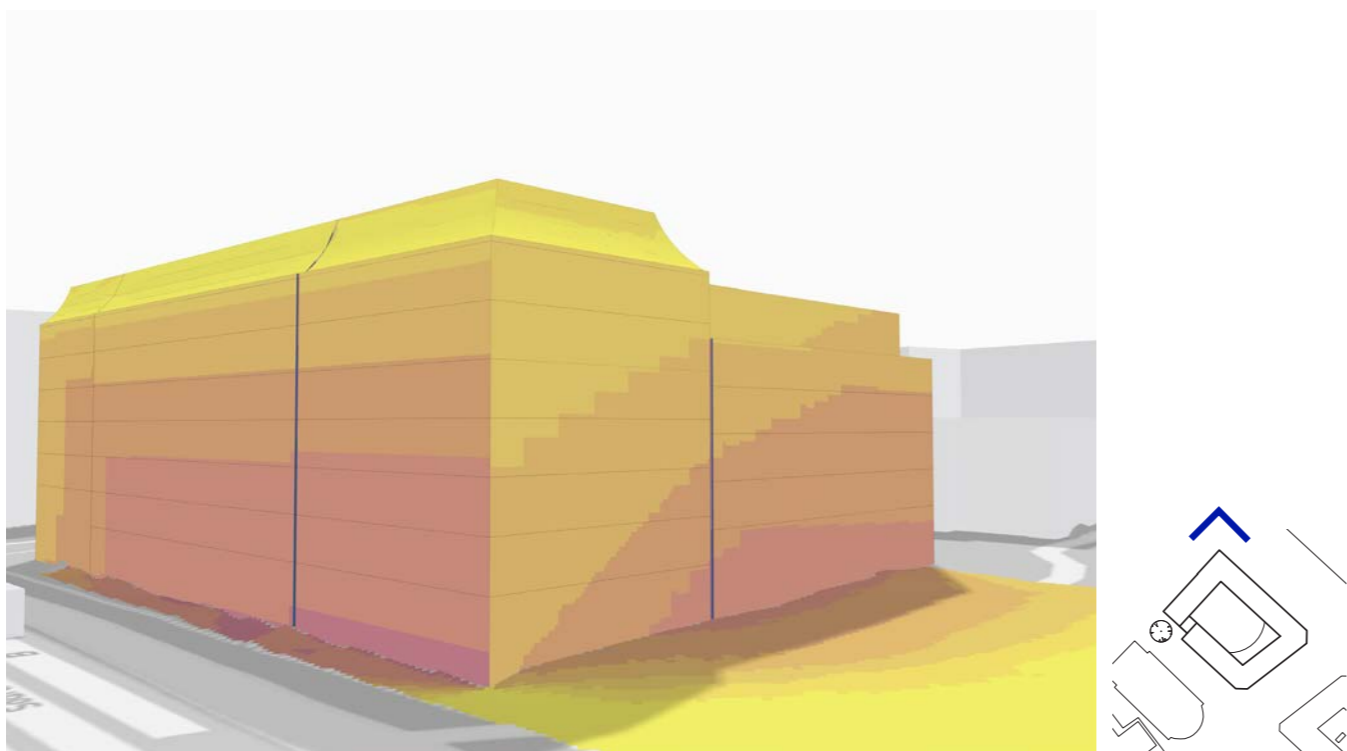
Analys antal soltimmar - Midsommar (20 juni)



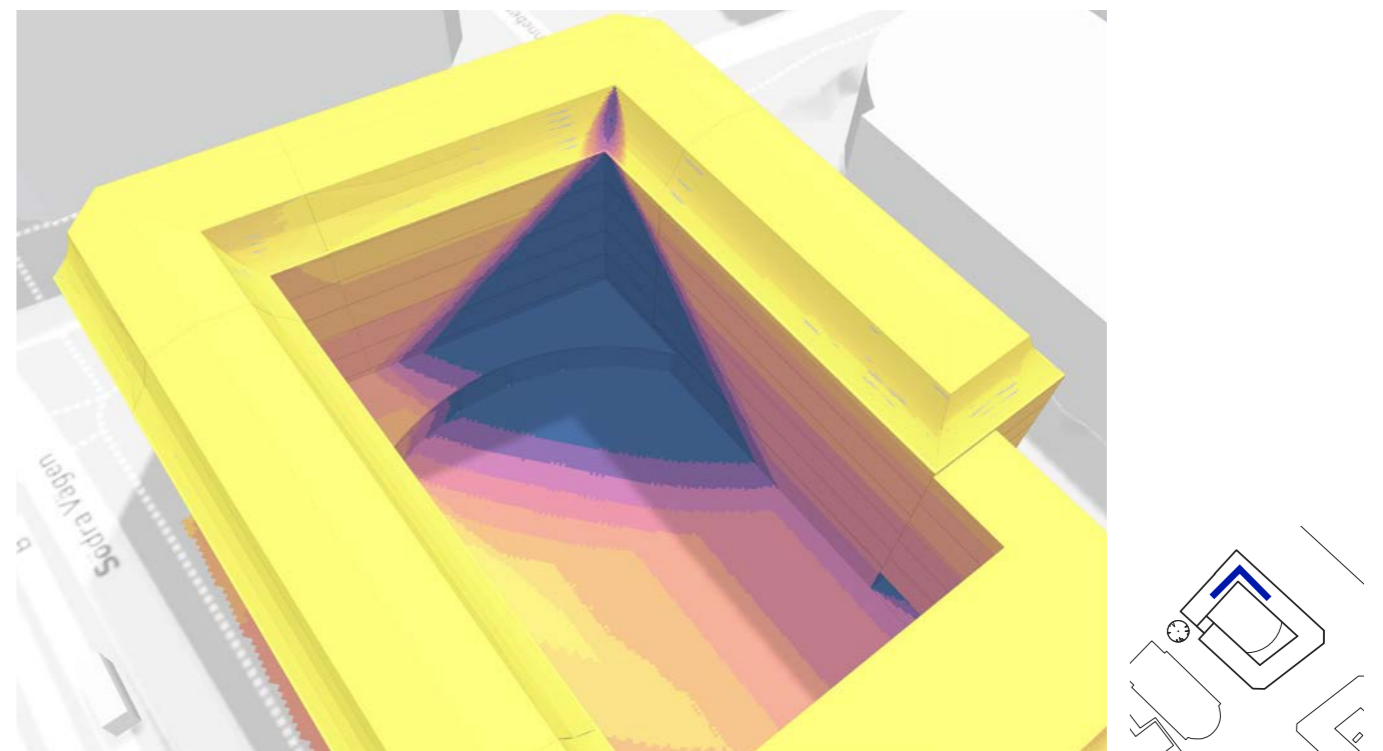
Yttre fasader - vy från södra hörnet



Gårdsfasader - vy från södra hörnet



Yttre fasader - vy från norra hörnet



Gårdsfasader - vy från norra hörnet

