

CC_20220927_Exhibit -7 - Solar Study (TJP Architectural Solutions, August 30, 2022)

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TJP ARCHITECTURAL SOLUTIONS

Solar Study –

Date: 08-30-20222

1633 Victory Blvd., Glendale CA

Project Background:

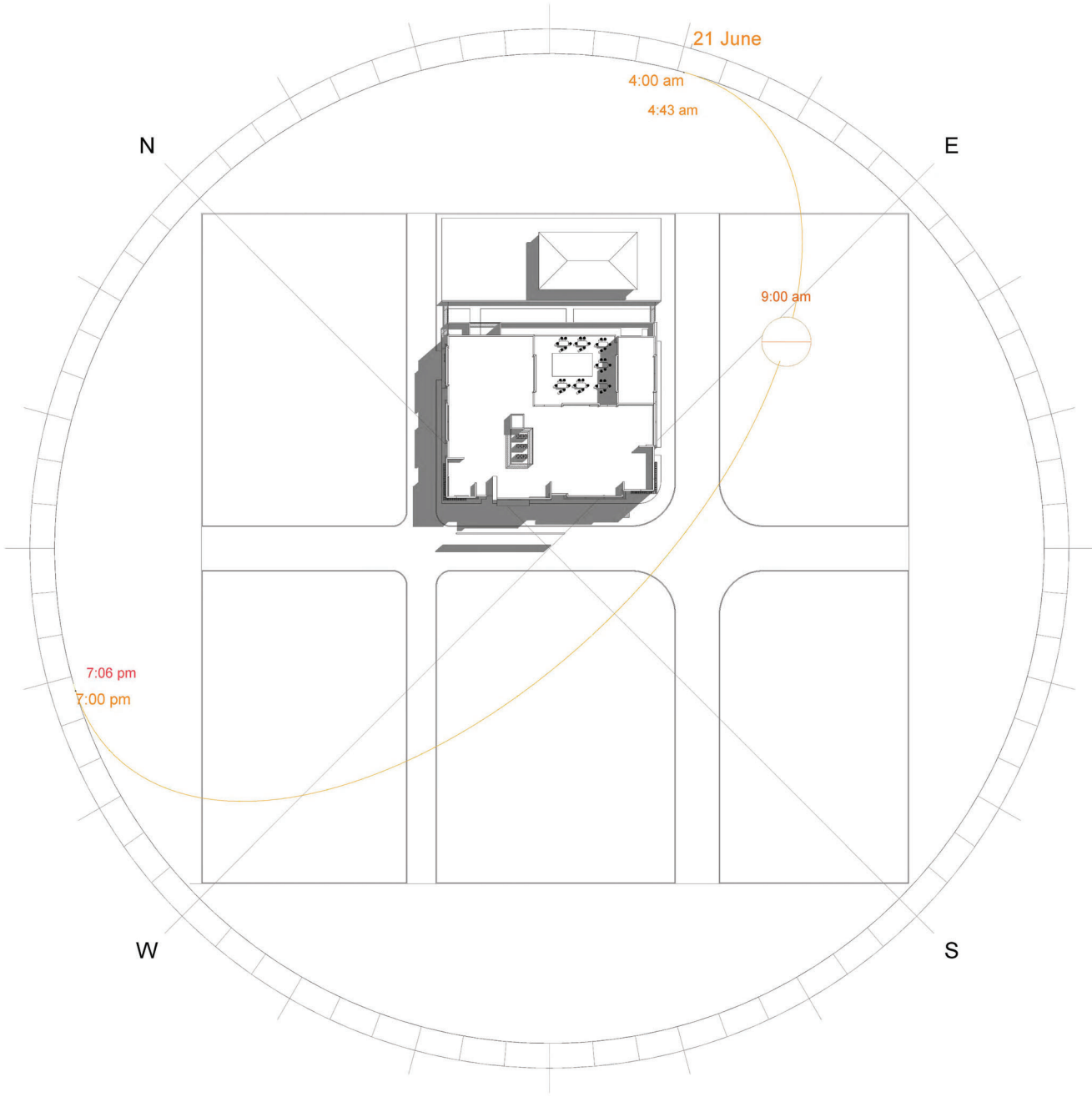
- Revit file is provided by the client and is the basis for the solar study
- Site orientation with respect to North is adjusted on the Revit file
- The solar access study is to show the effect of the new building on the existing neighboring single-family dwelling located on the northern border of the proposed hotel.
- Shadow projections were shown on all solstices: Spring Equinox, Summer Solstice, Fall Equinox, Winter Solstice. Dates are specified with each image

Findings:

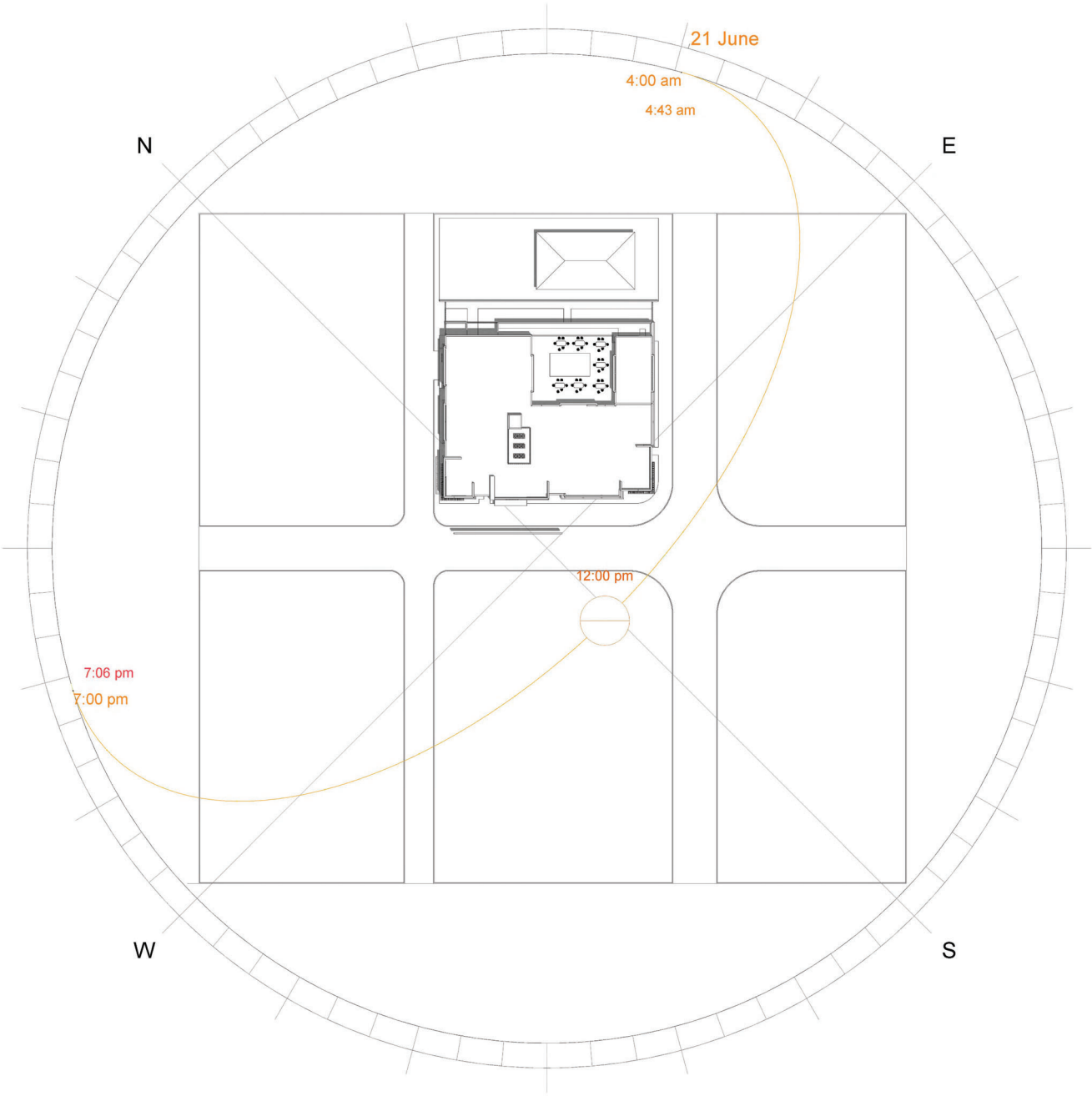
- Shadows will mostly cross the north border during 12 noon and onwards on all solstices
- The most time shadows will be beyond the north border will be during the winter months
- Most of the shadows casted on all solstices are towards southwest and has the most shaded time during the day
- Duration of House in Shade:

SOLSTICE	AMOUNT OF TIME	Exceeds 2-hour Shade Standards
Summer Solstice 9AM TO 5PM	0 min	No
Winter Solstice 9AM TO 3PM	2:11PM-3PM (49 min.)	No

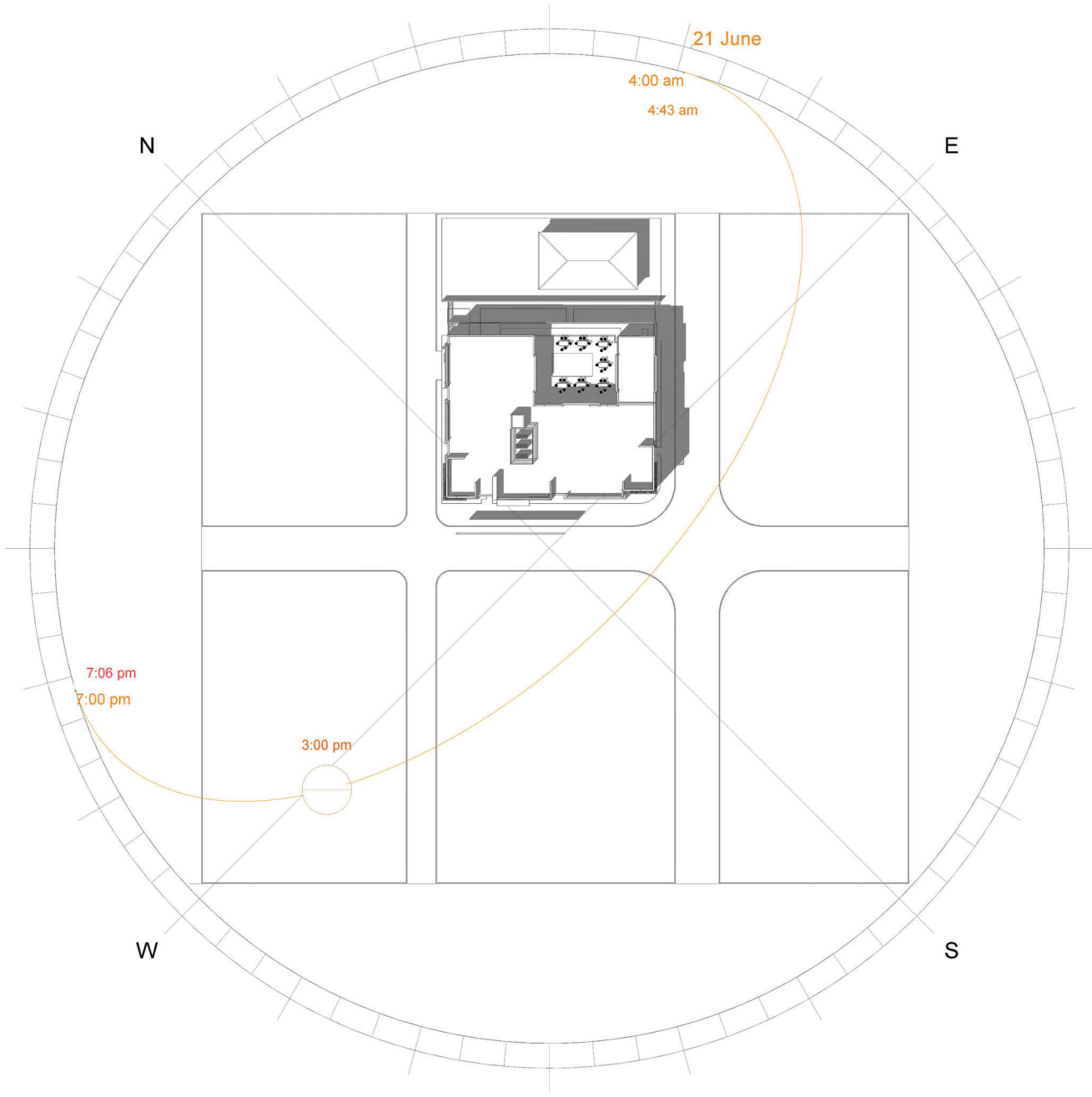
SUMMER SOLSTICE -
JUNE 21 9 AM



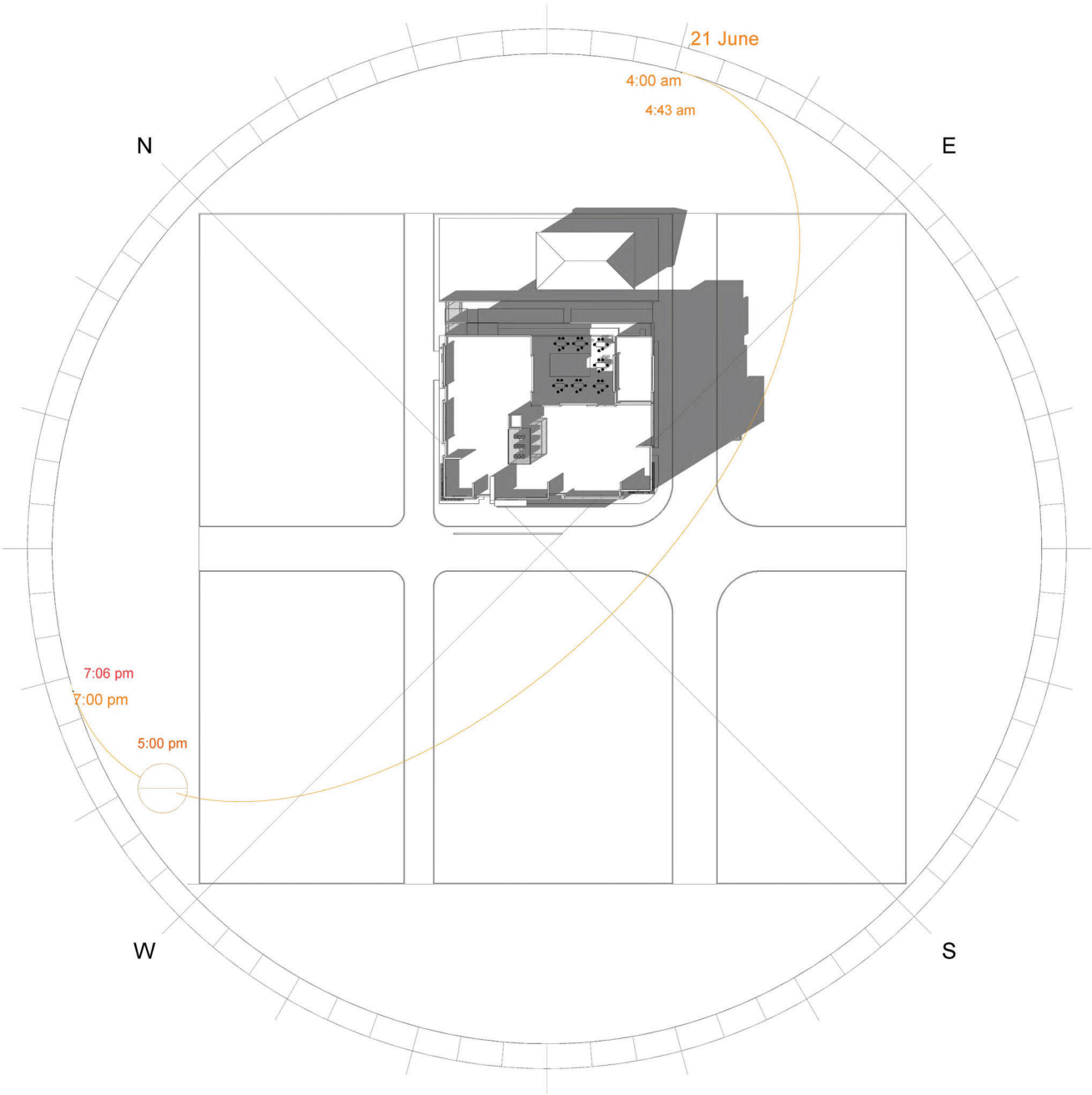
SUMMER SOLSTICE -
JUNE 21 12 NN



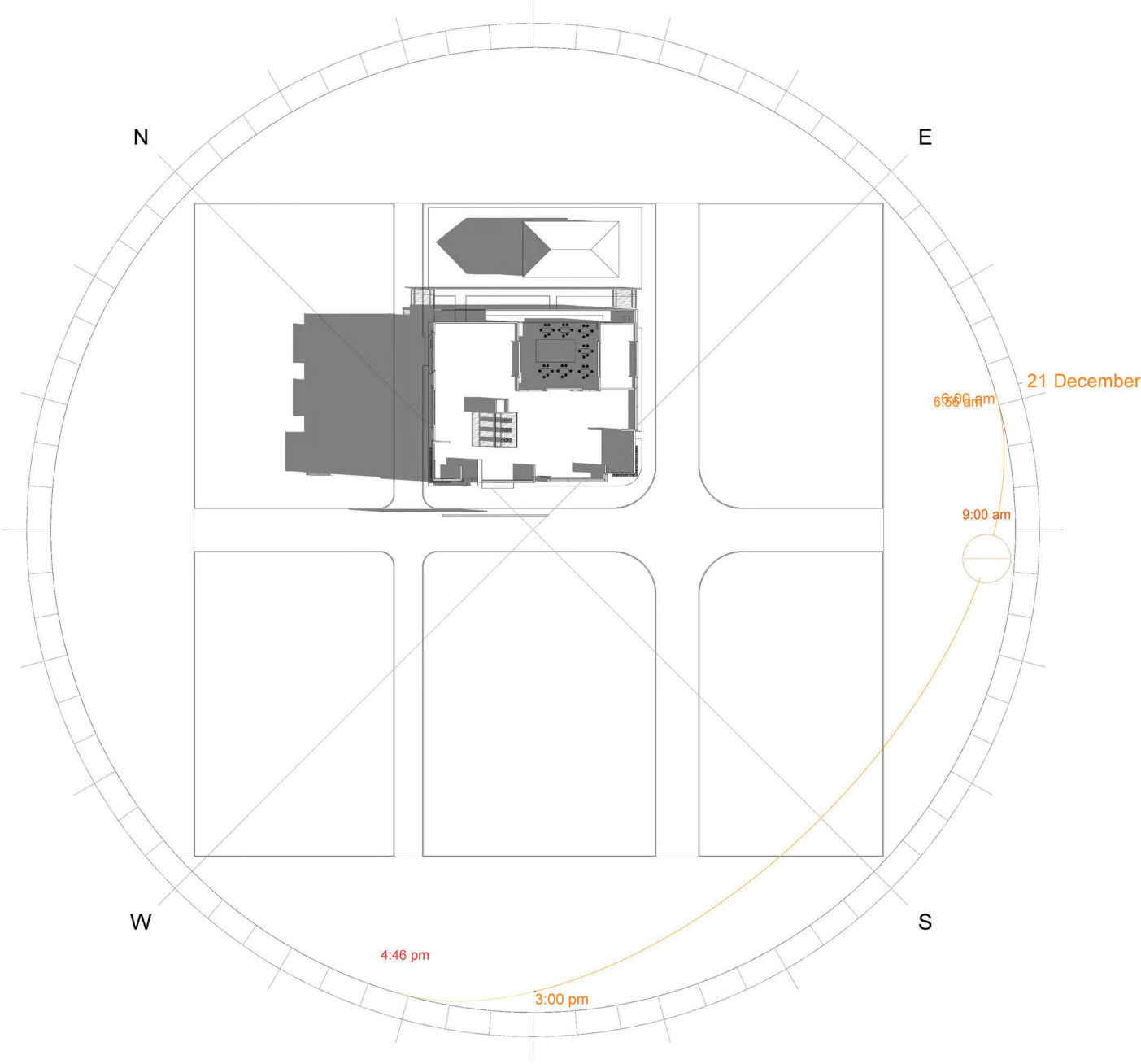
SUMMER SOLSTICE -
JUNE 21 3 PM



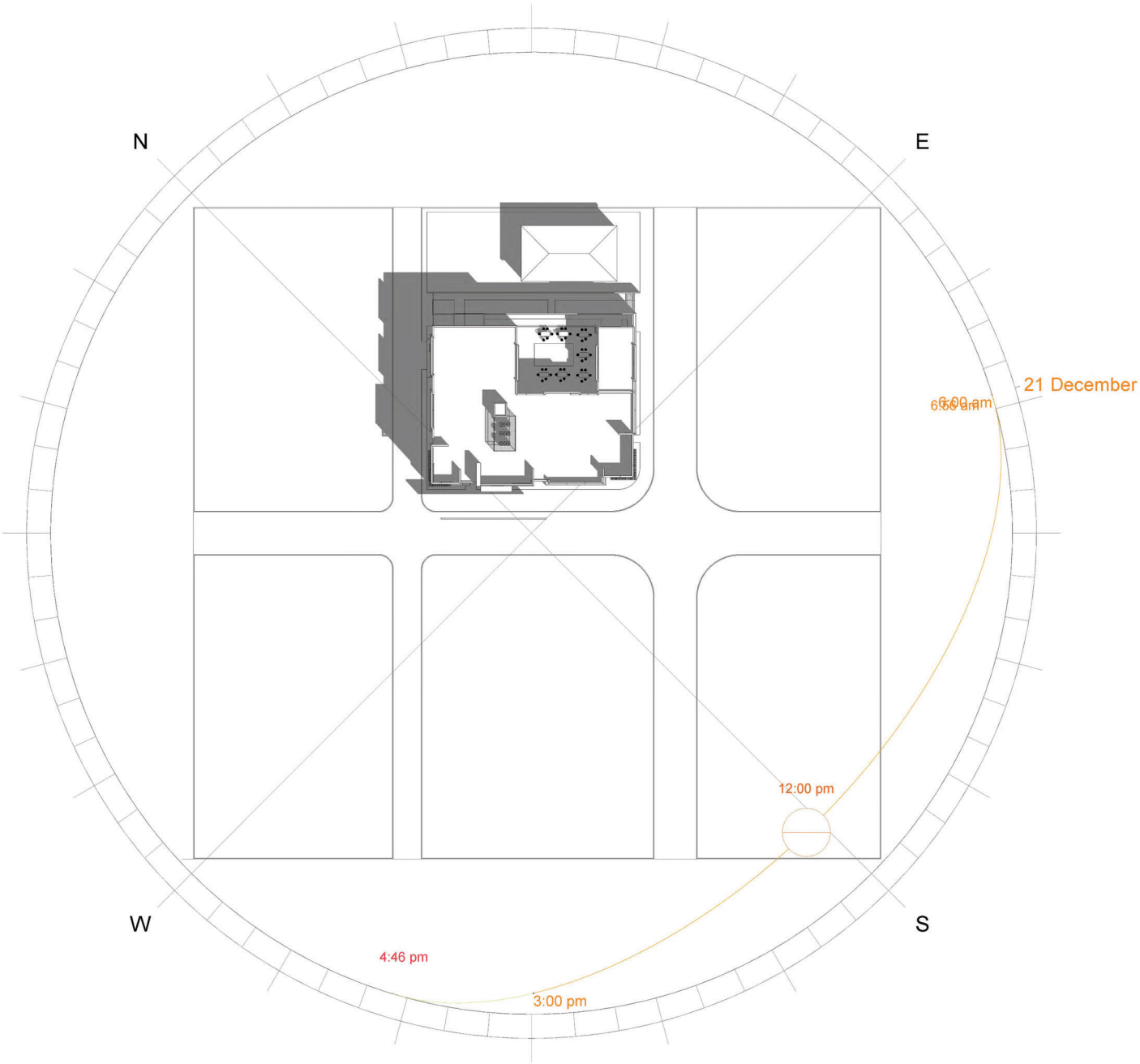
SUMMER SOLSTICE -
JUNE 21 5 PM



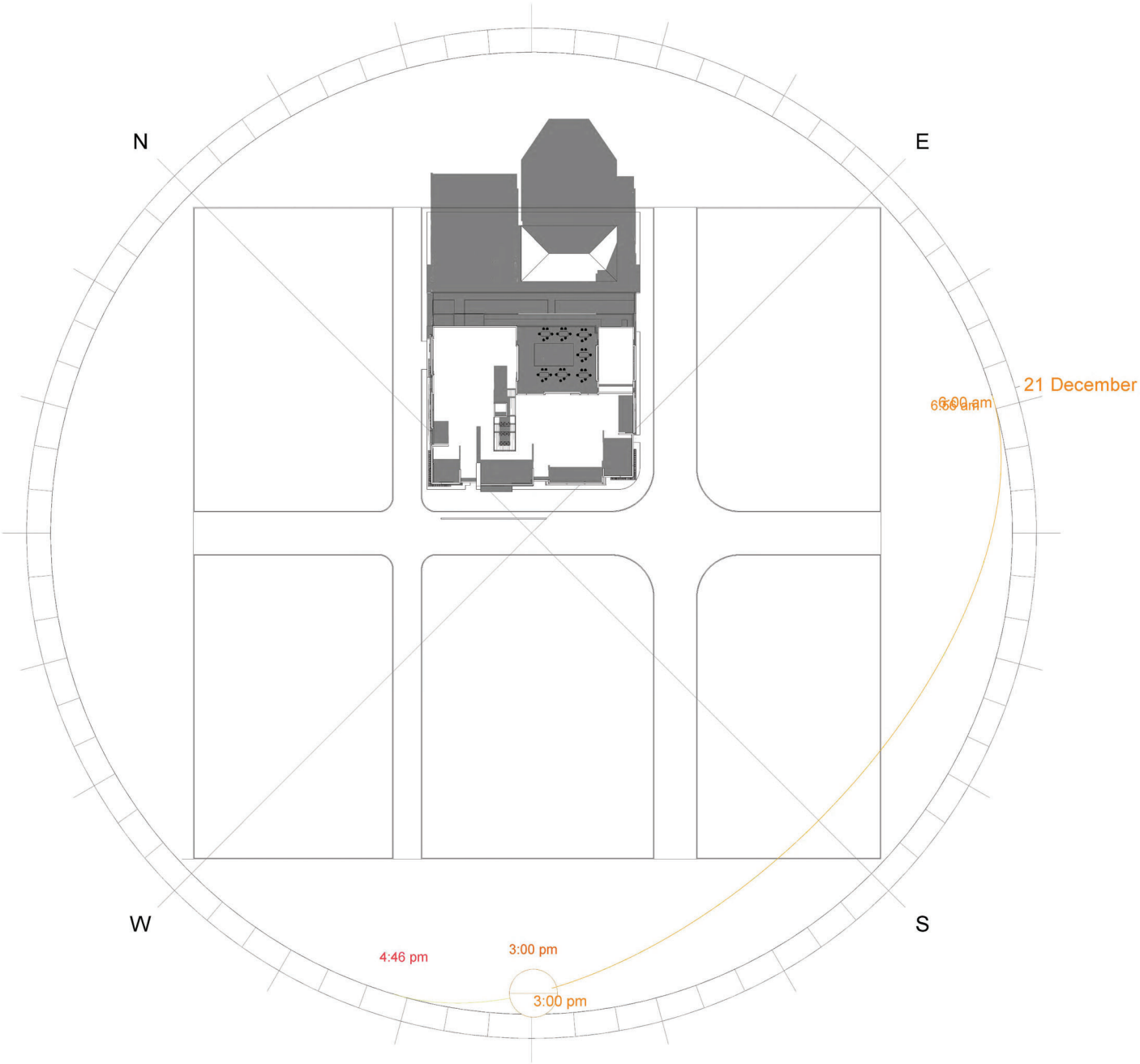
WINTER SOLSTICE -
DECEMBER 21 9 AM



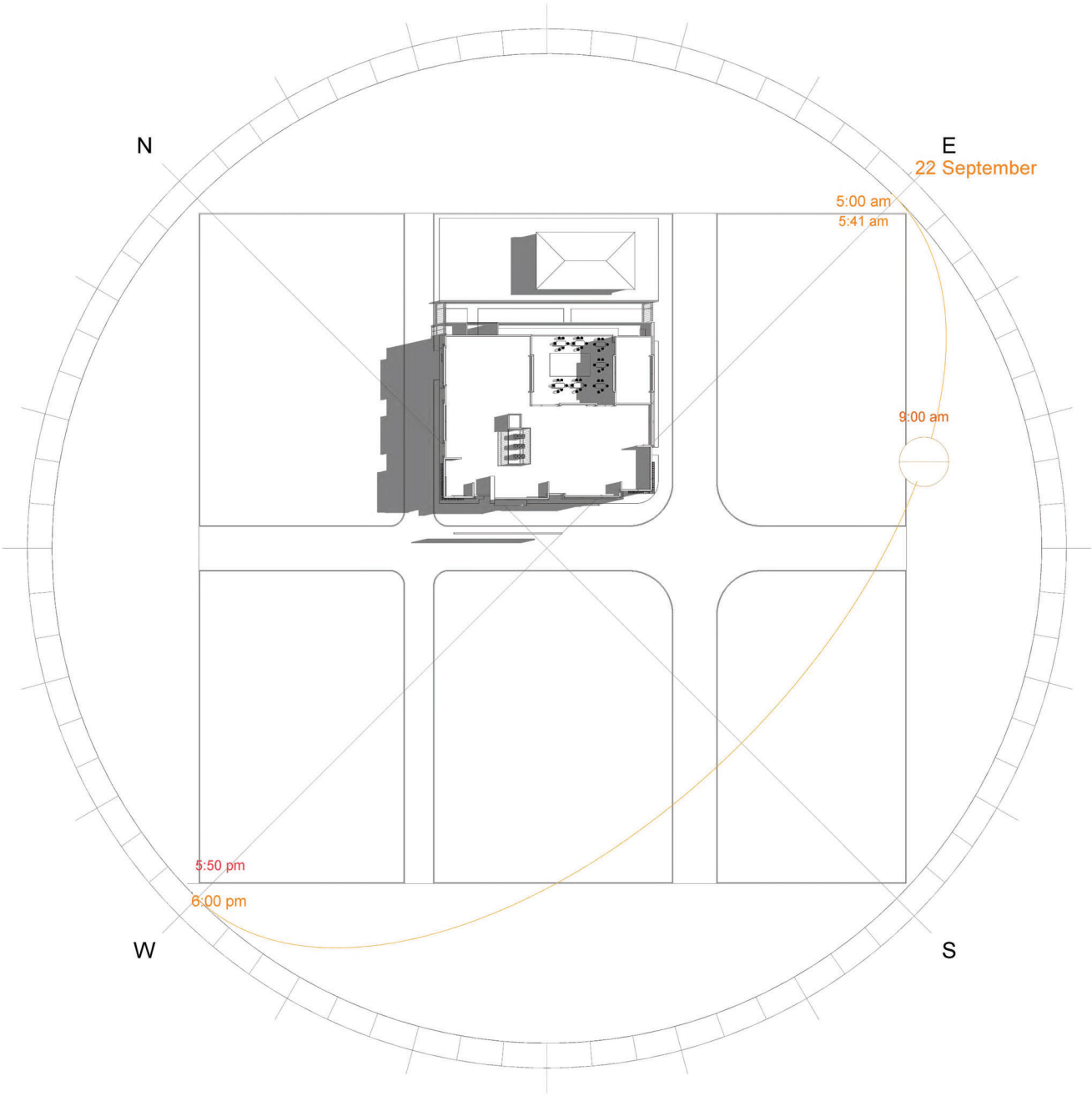
WINTER SOLSTICE -
DECEMBER 21 12NN



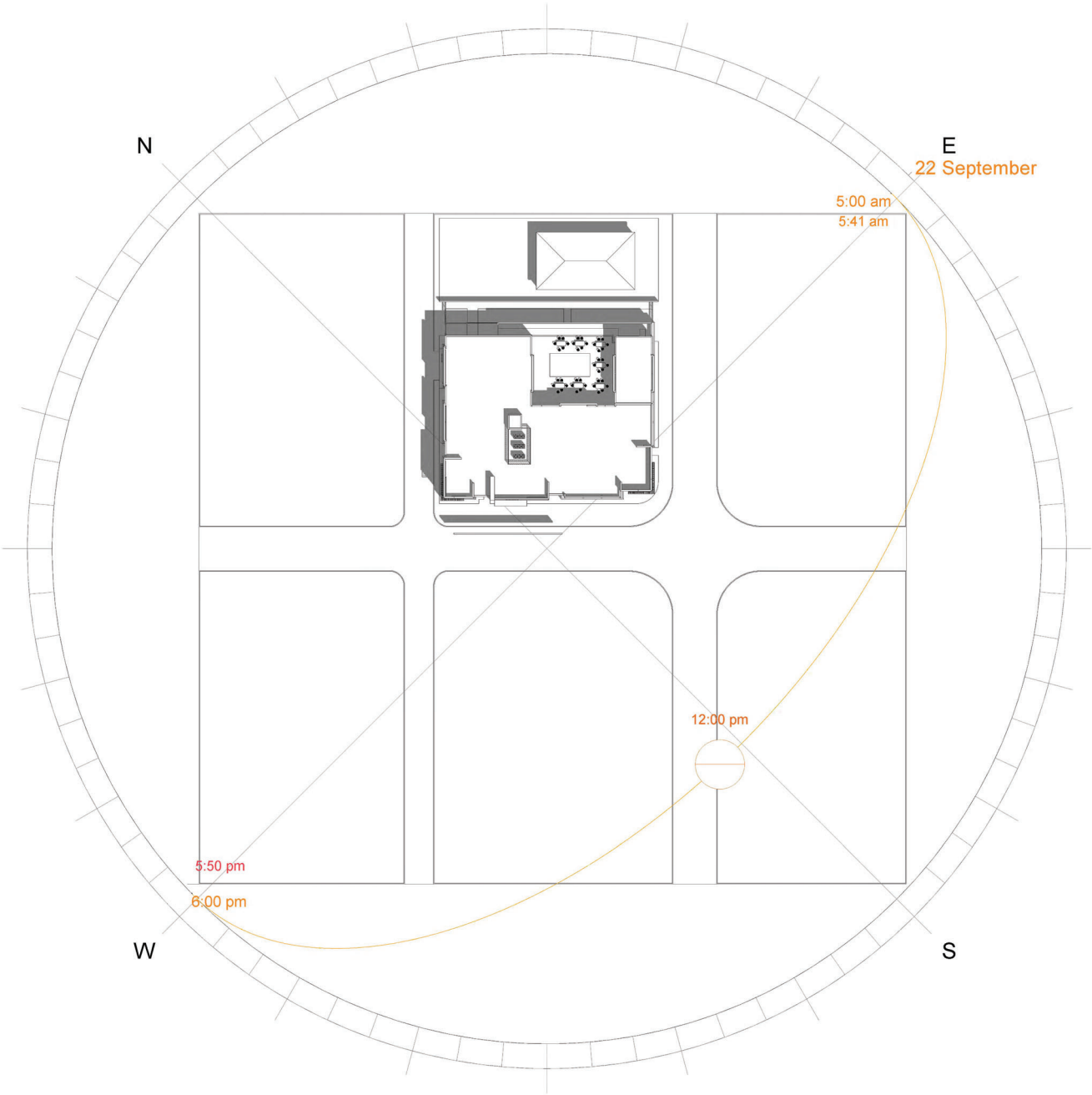
WINTER SOLSTICE -
DECEMBER 21 3PM



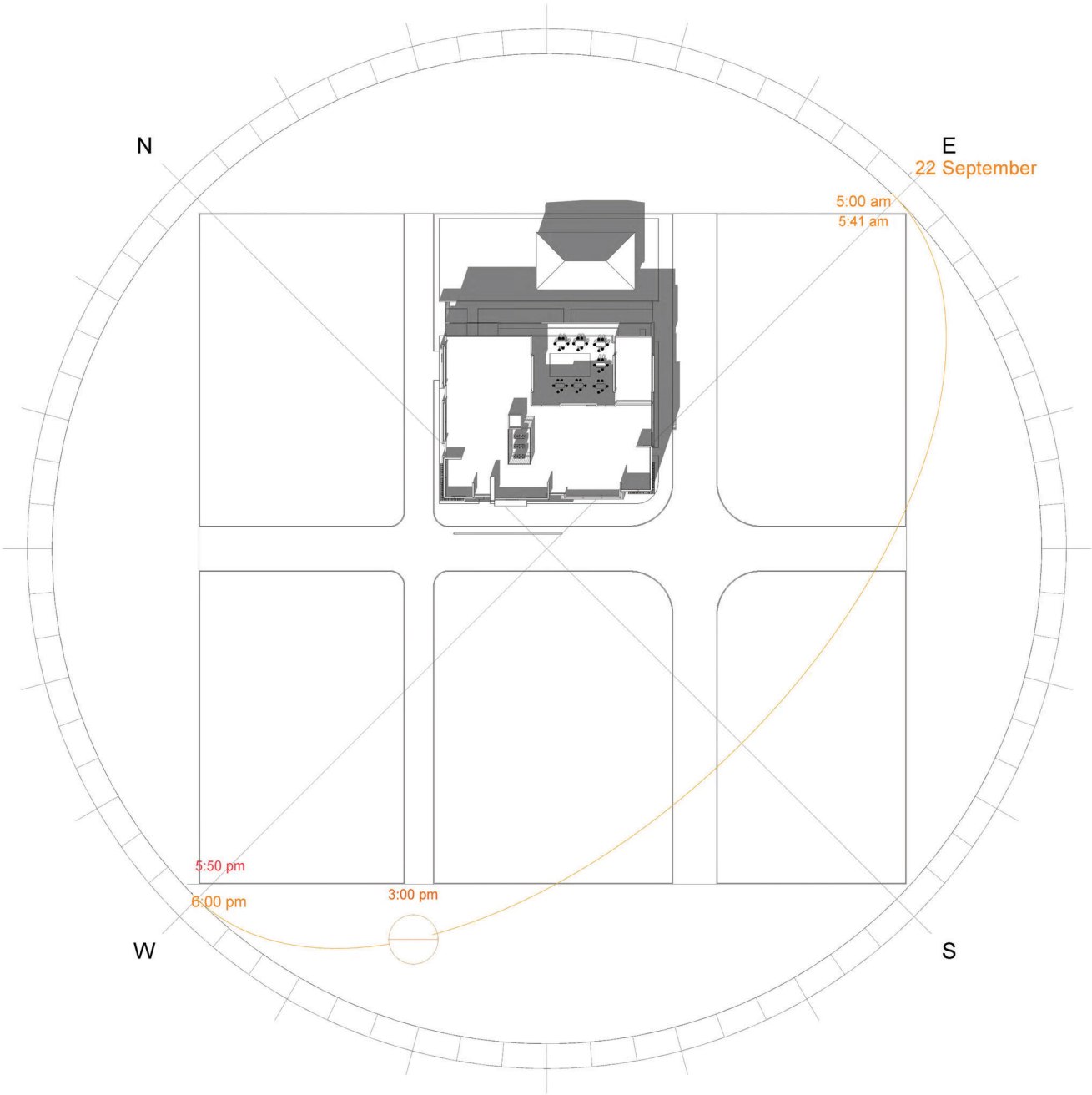
FALL EQUINOX -
SEPTEMBER 22 9AM



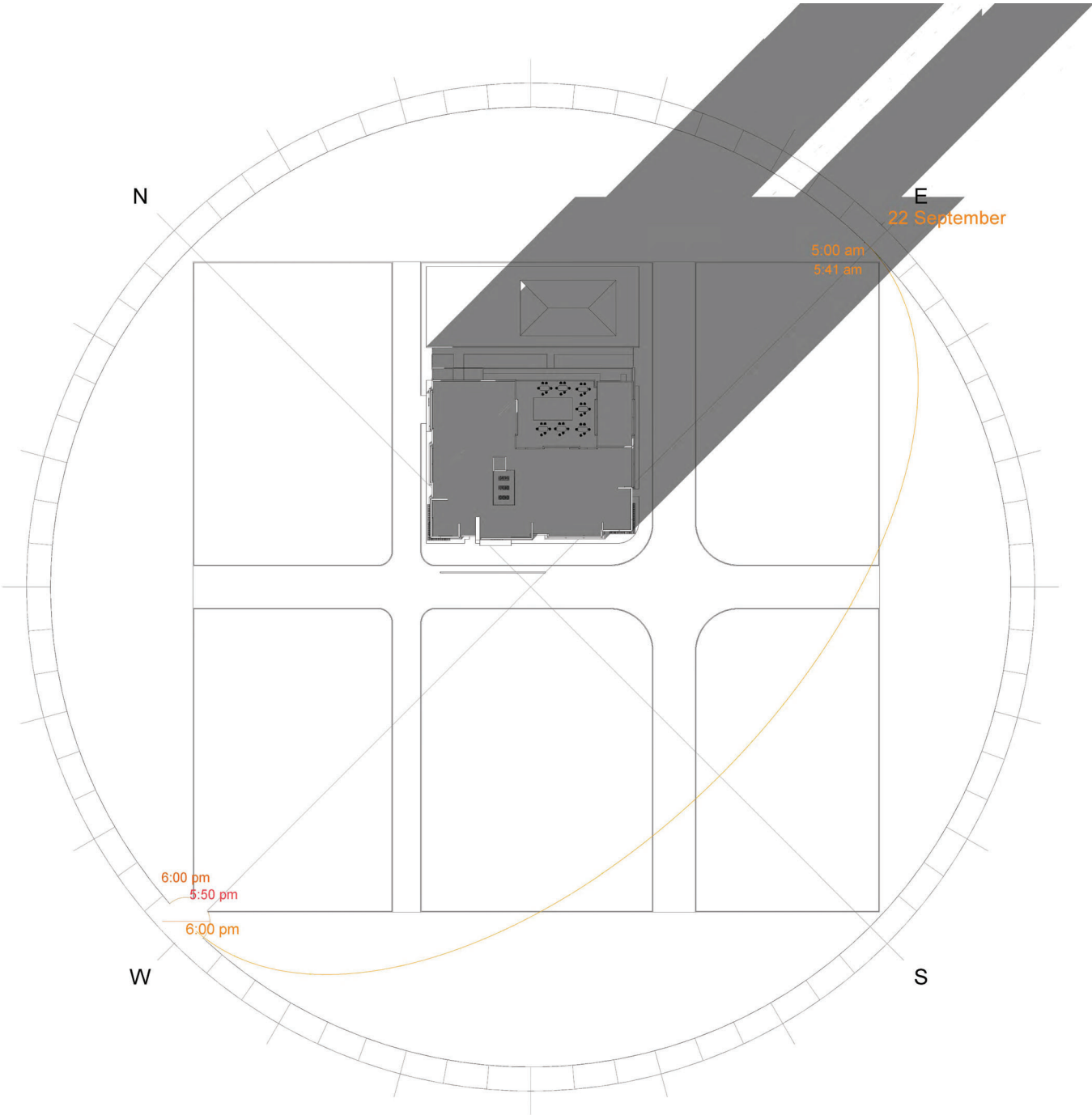
FALL EQUINOX -
SEPTEMBER 22 12NN



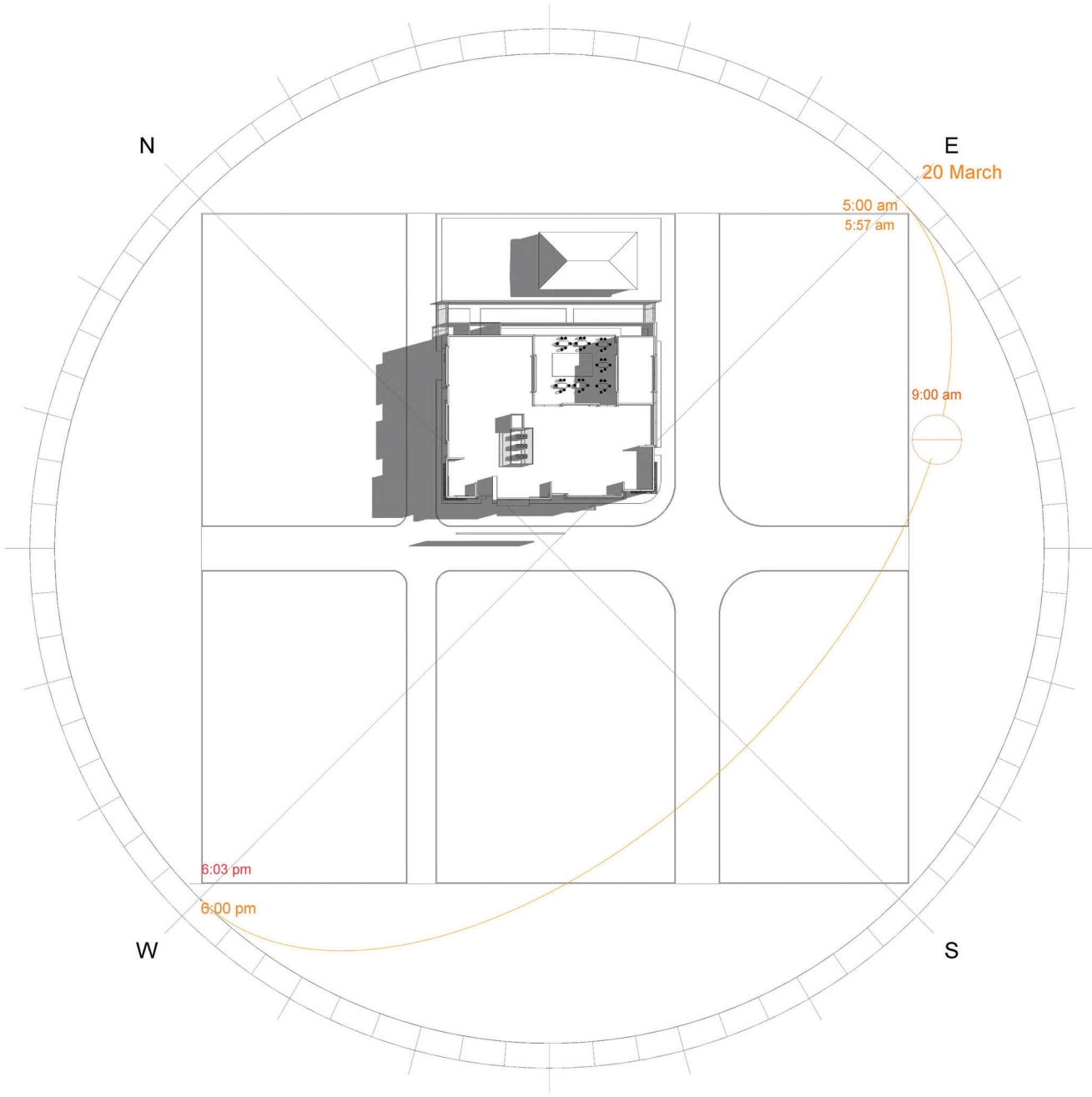
FALL EQUINOX -
SEPTEMBER 22 3PM



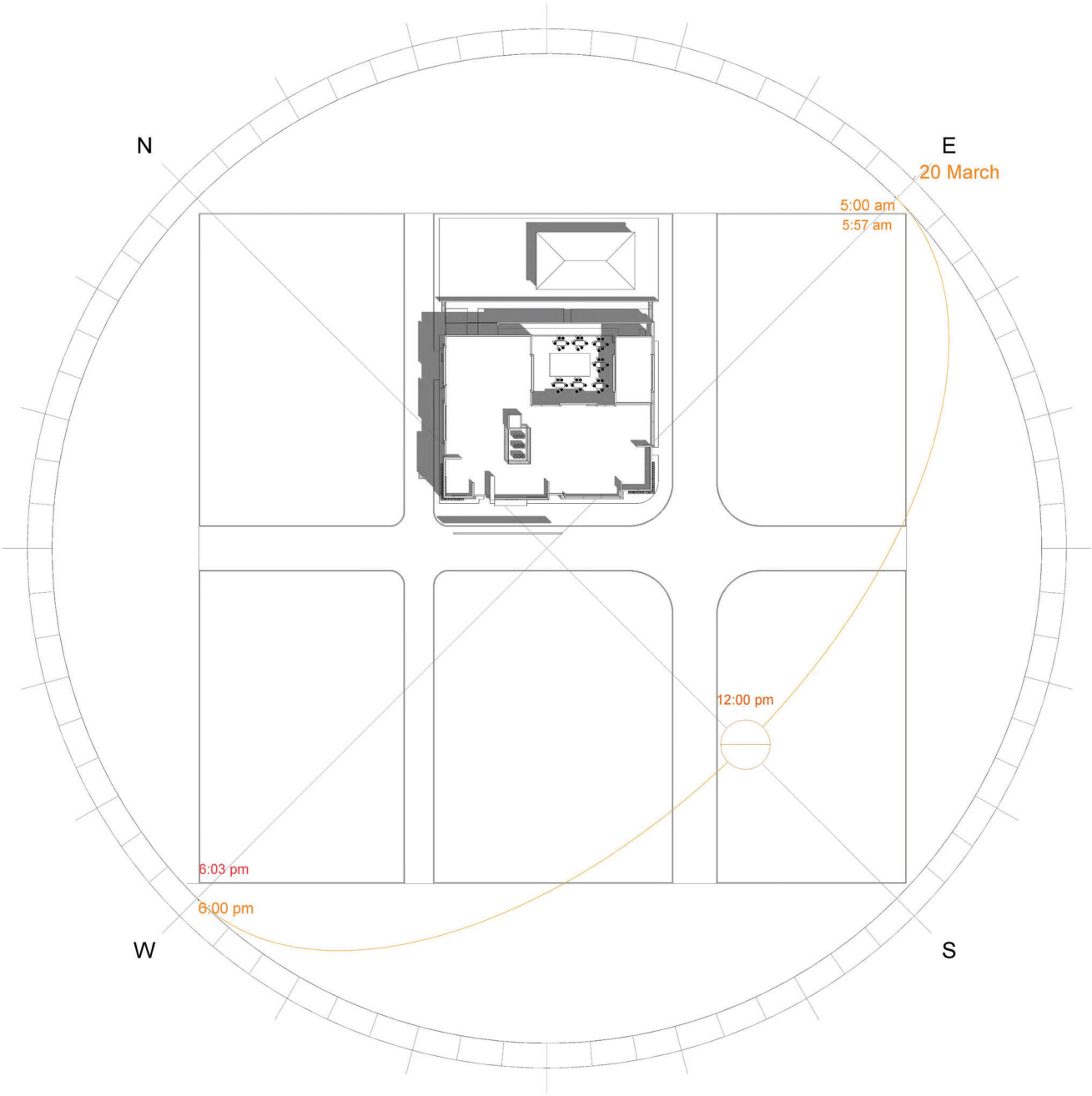
FALL EQUINOX -
SEPTEMBER 22 6PM



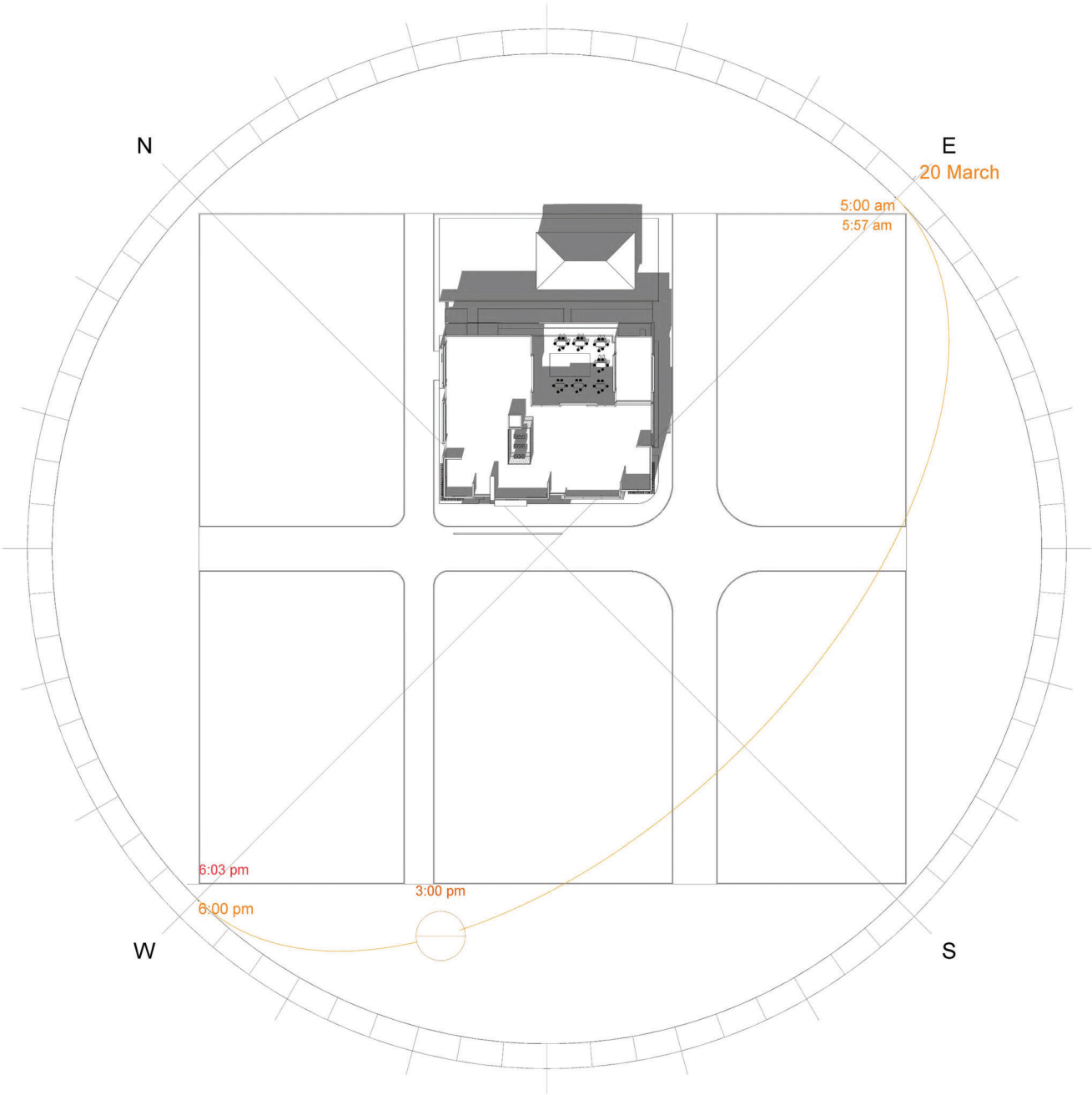
SPRING EQUINOX-
MARCH 20 9 AM



SPRING EQUINOX-
MARCH 20 12 NN



SPRING EQUINOX-
MARCH 20 3PM



SPRING EQUINOX-
MARCH 20 6PM

