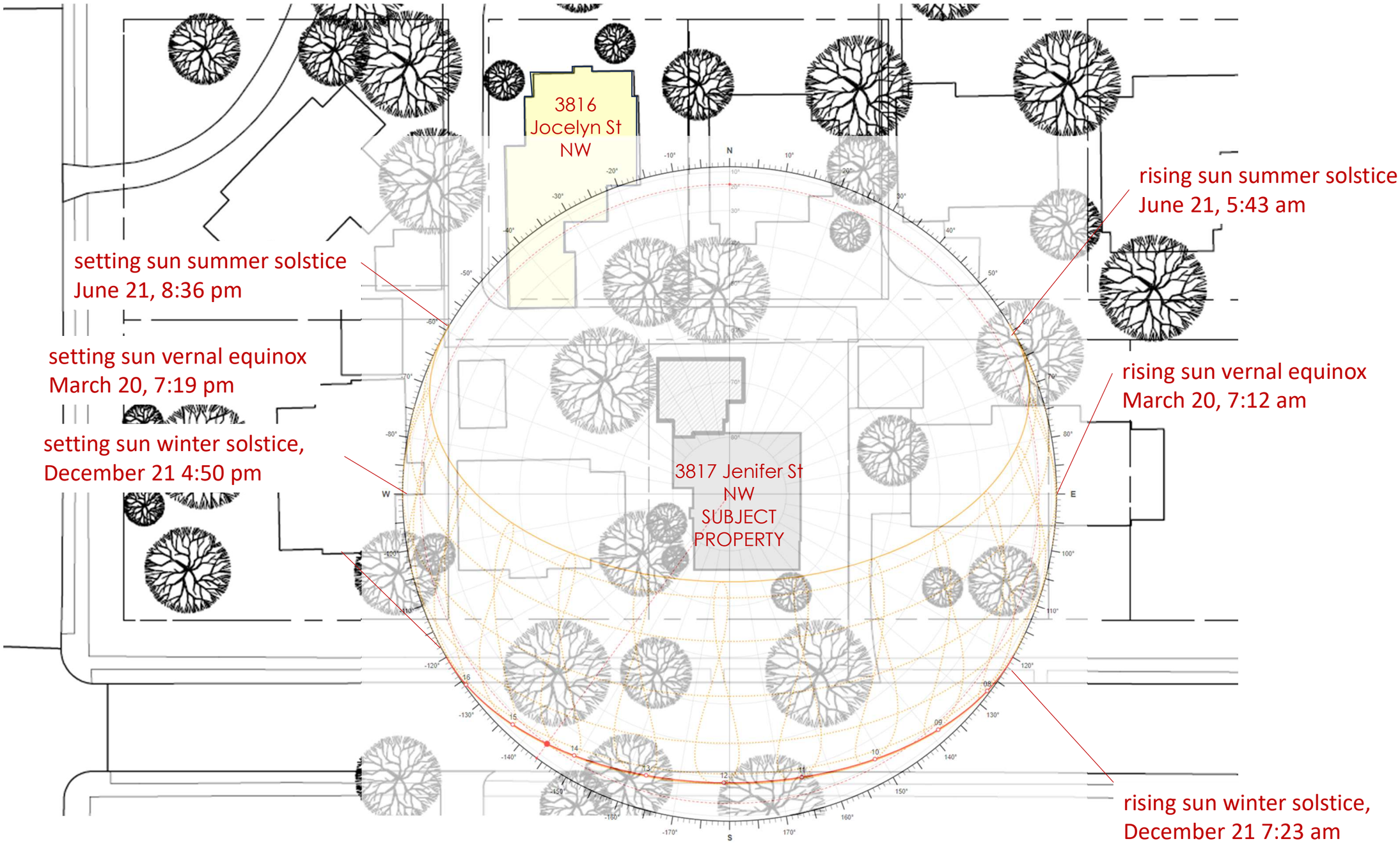


sun path study

Board of Zoning Adjustment
District of Columbia
CASE NO. 21452
EXHIBIT NO. 39B

3816 Jocelyn St NW

3817 JENIFER St NW
SUBJECT PROPERTY

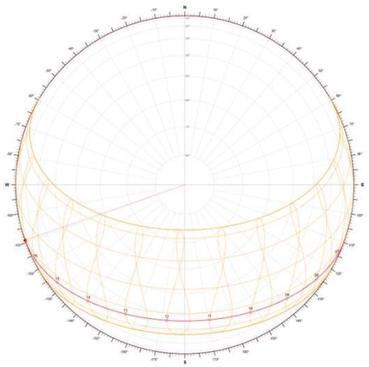


View from existing deck to 3816 Jocelyn St NW

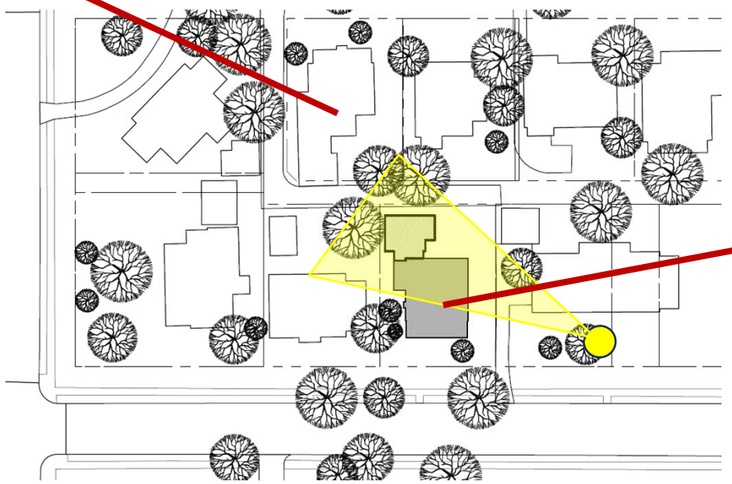


View from alley to 3816 Jocelyn St NW

3816 Jocelyn St NW



Sun path, Washington DC



3817 JENIFER St NW
SUBJECT PROPERTY

OP Report: *"Given the modest height, location above an existing footprint, and substantial side-yard separation to the east, the project would not result in undue impacts to light and air."*

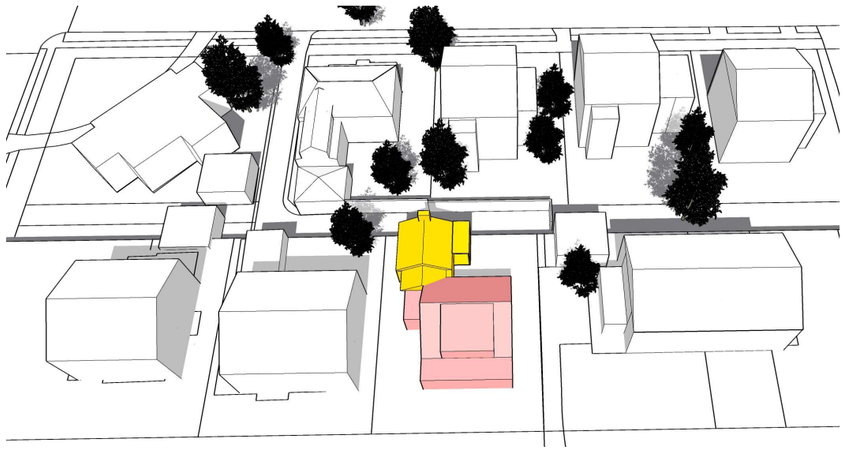
sun path study | rising sun
december 21 7:23 am



8:12 am



10:12 am



12:12 pm



2:12 pm

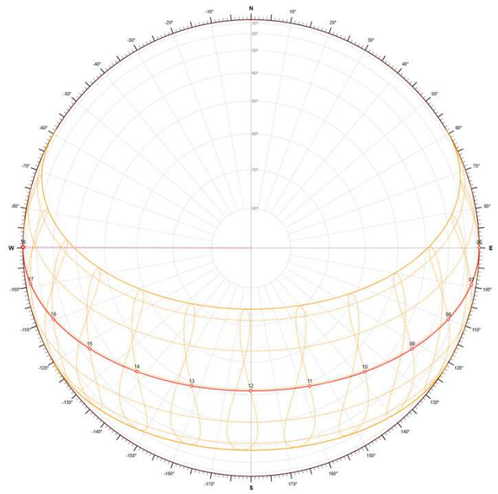


4:12 pm



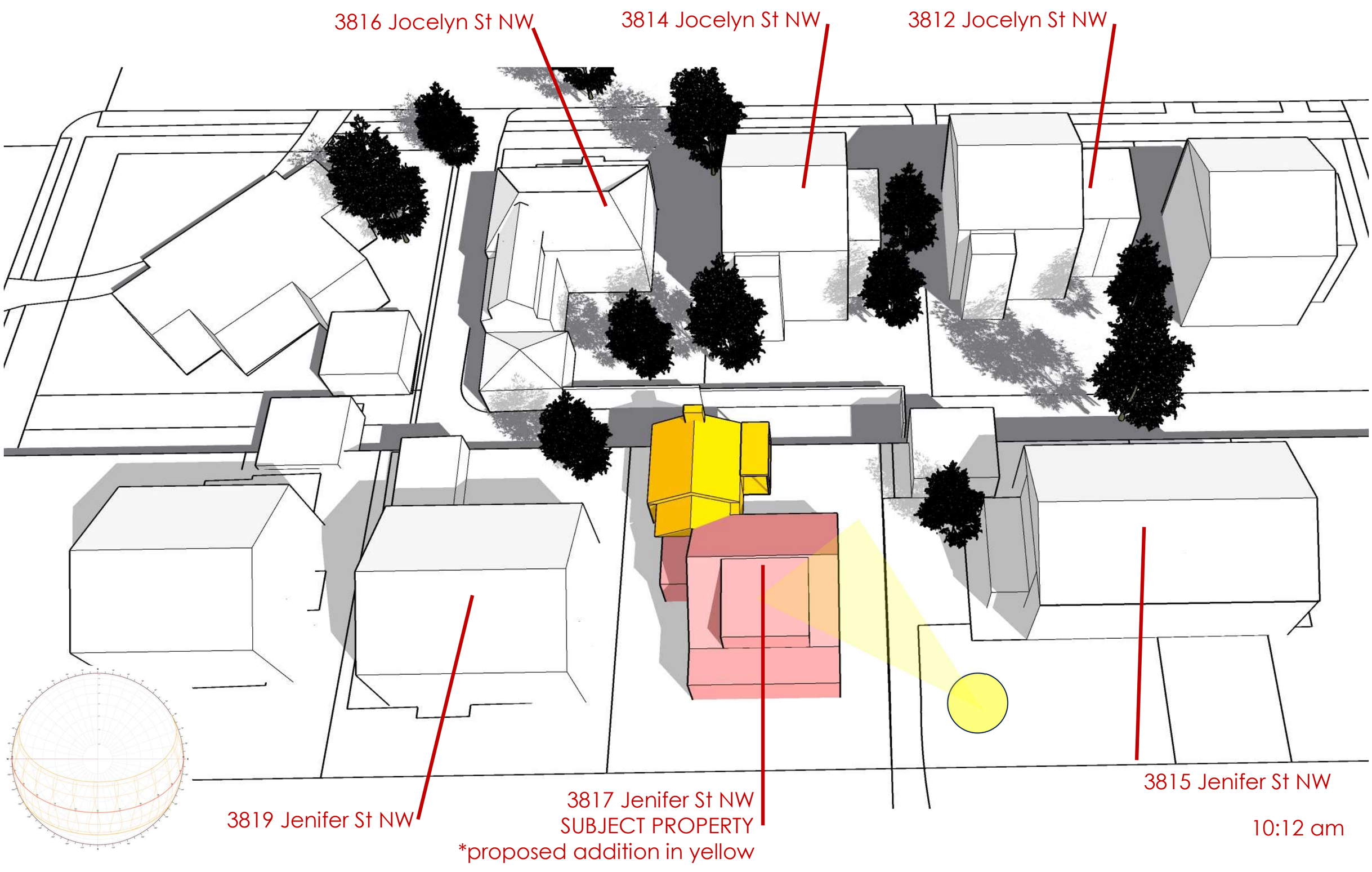
6:12 pm

- In early hours of Spring and Fall months shadows will be cast across the ally on outside alley fence and rear wall of 3816 Jocelyn St NW. No shadow is projected to enter inside the property

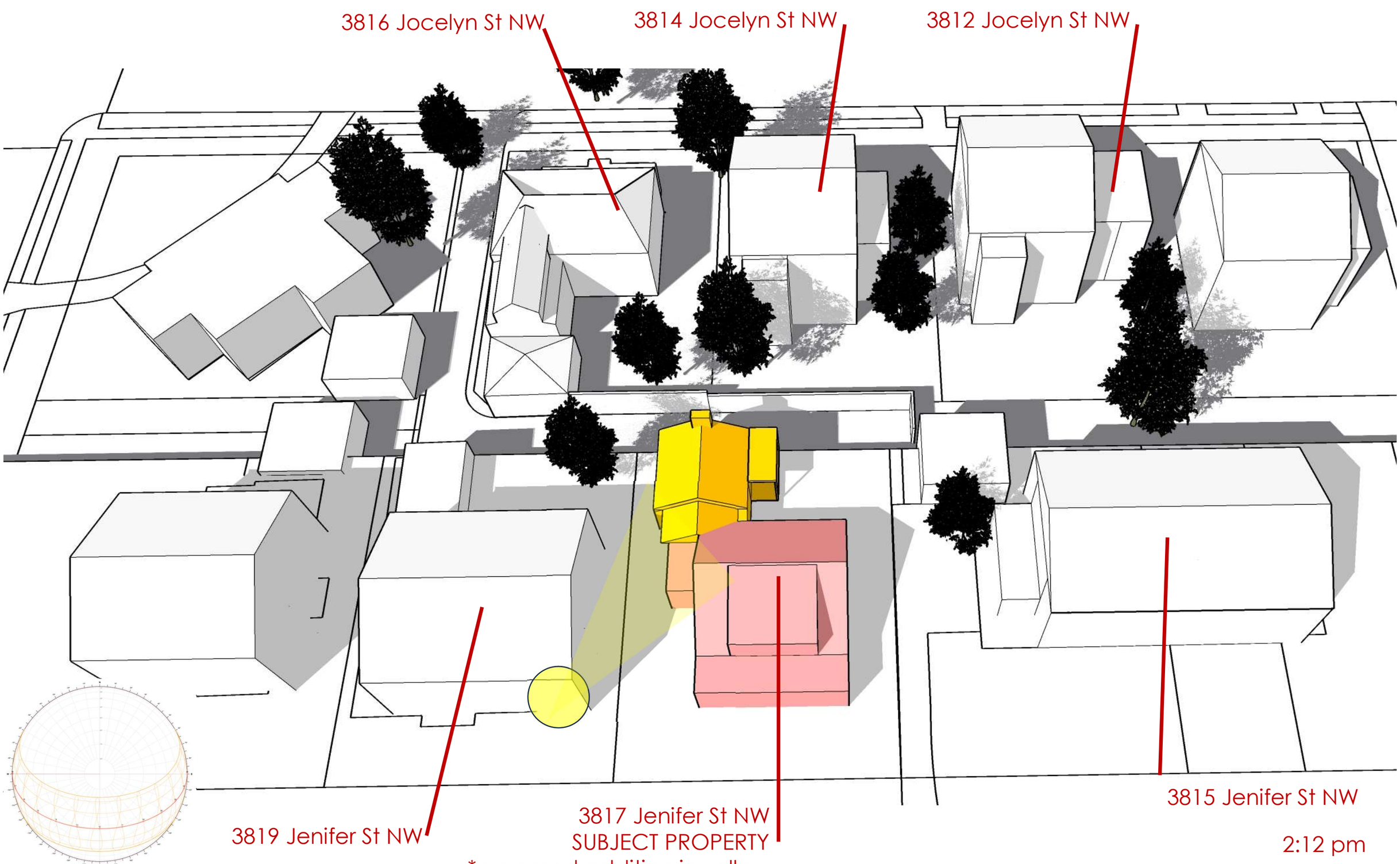


Sun path, Washington DC

sun path study | vernal equinox,
march 20 sunrise 7:12am, sunset 7:19pm



sun path study | vernal equinox,
march 20 sunrise 7:12am, sunset 7:19pm



sun path study | vernal equinox,
march 20 sunrise 7:12am, sunset 7:19pm



8:23 am



10:23 am



12:23 pm



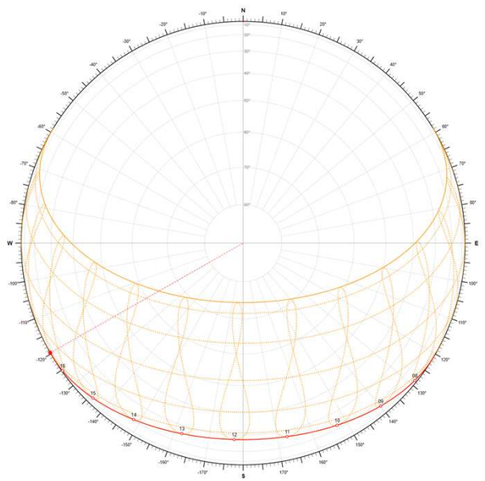
2:23 pm



4:23 pm

- During the early morning hours of the winter months, shadows will be cast onto the property at 3816 Jocelyn St NW. Please note that a few trees in the backyard of 3816 Jocelyn St NW already create a separation from the alley and will block the majority of the existing light.





Sun path, Washington DC

sun path study | winter solstice,
december 21 sunrise 7:23 am, sunset 4:50 pm

3816 Jocelyn St NW

3814 Jocelyn St NW

3812 Jocelyn St NW



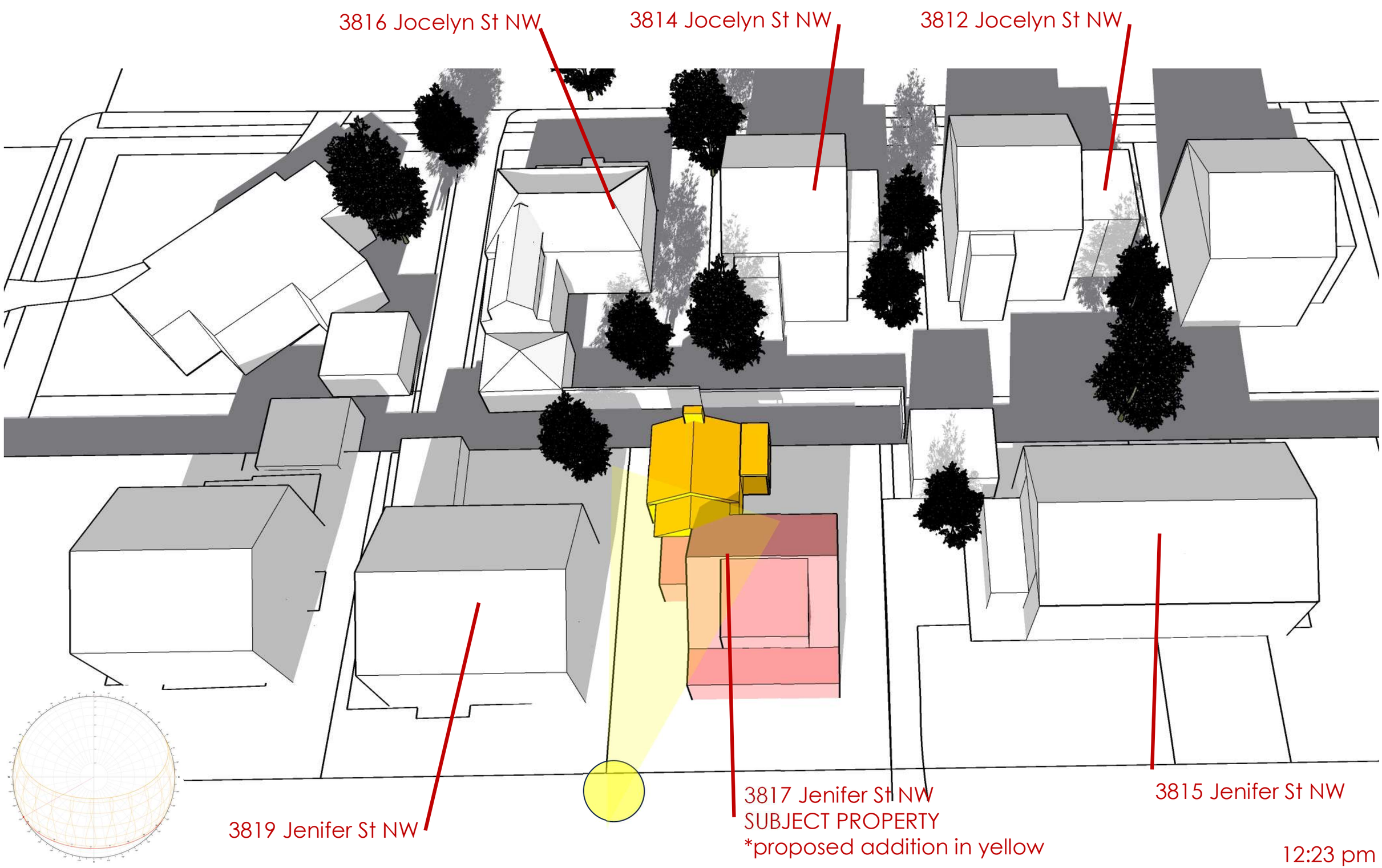
3819 Jenifer St NW

3817 Jenifer St NW
SUBJECT PROPERTY
*proposed addition in yellow

3815 Jenifer St NW

10:23 am

sun path study | winter solstice,
december 21 sunrise 7:23 am, sunset 4:50 pm



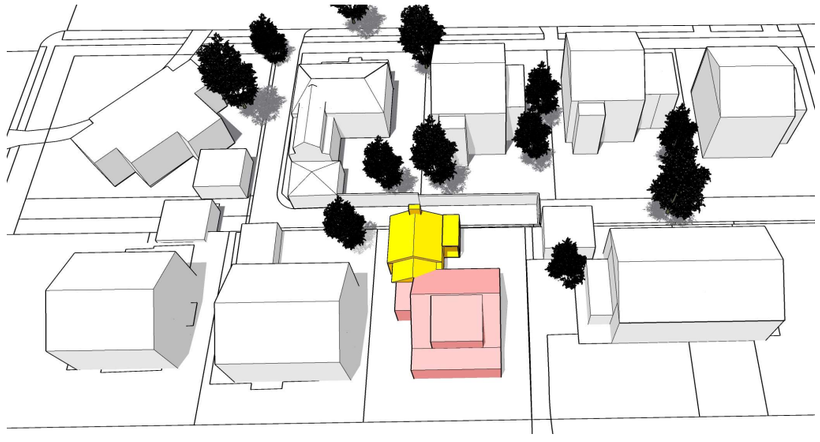
sun path study | winter solstice,
december 21 sunrise 7:23 am, sunset 4:50 pm



8:43 am



10:43 am



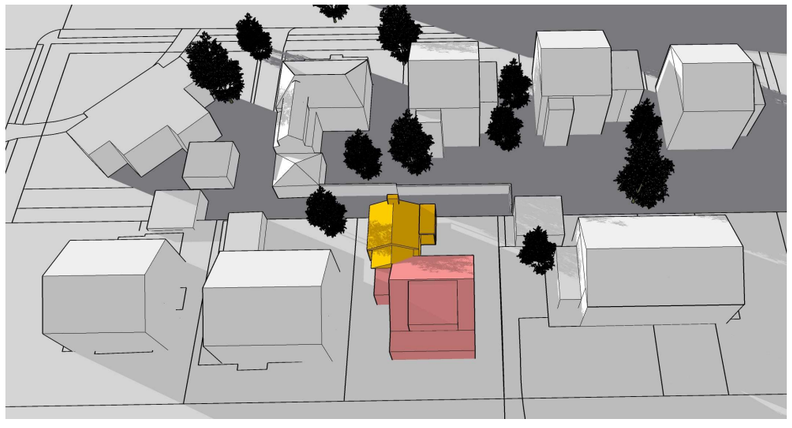
12:43 pm



2:43 pm

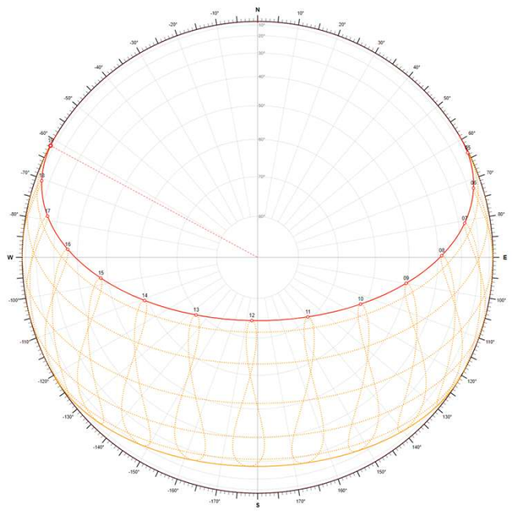


4:43 pm

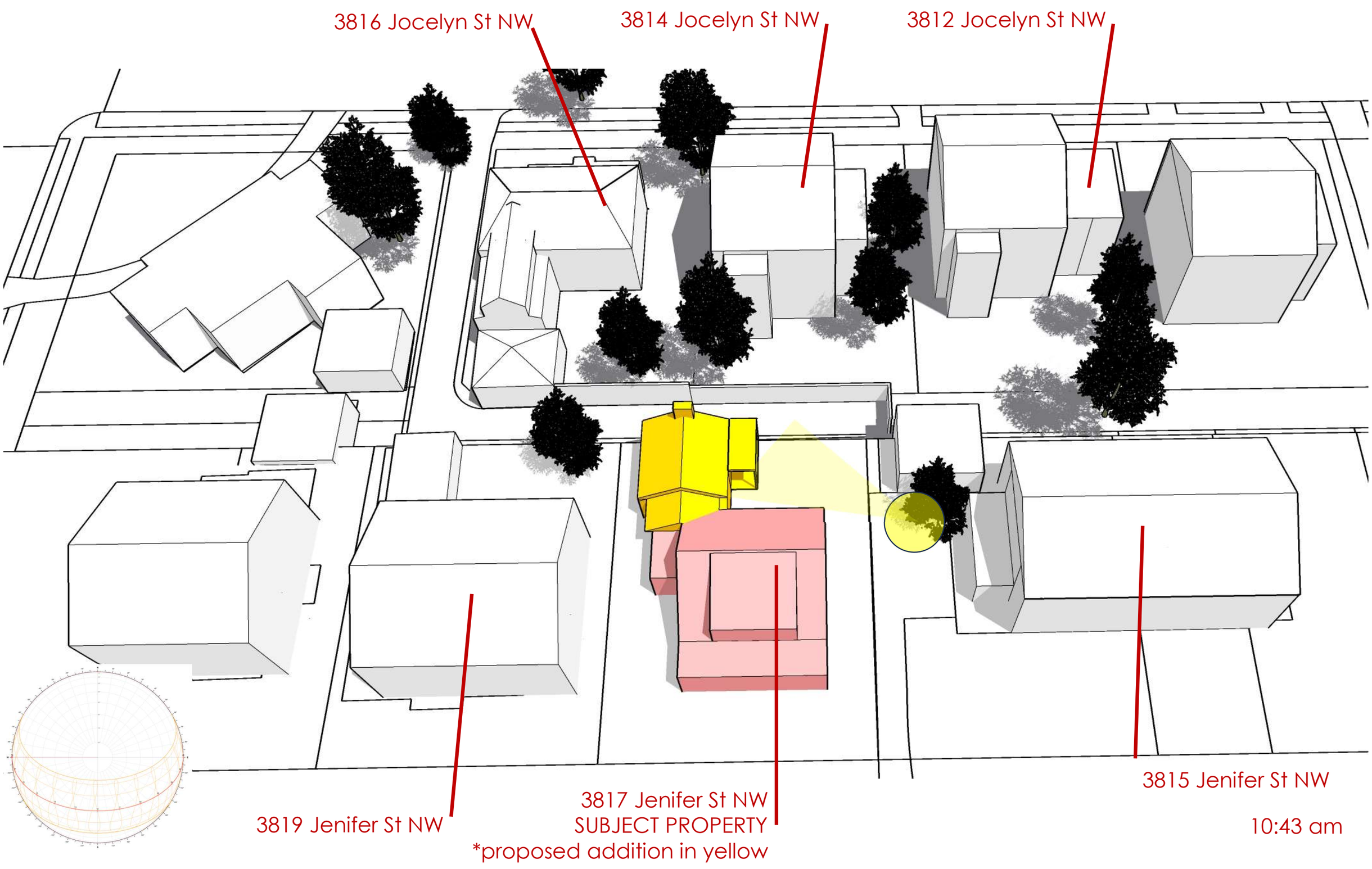


6:43 pm

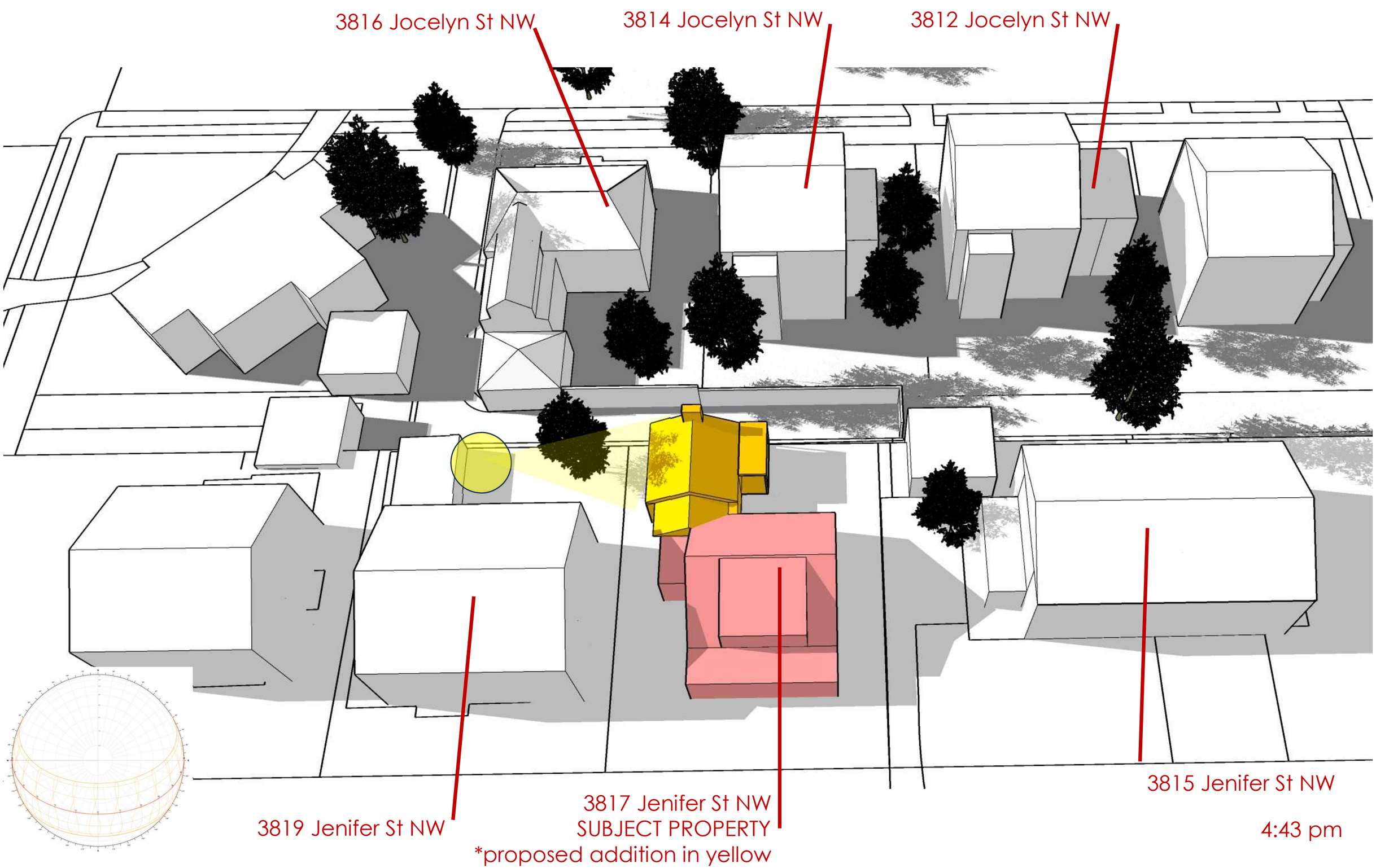
- In summer months NO shadow will be cast across the ally to 3816 Jocelyn St NW



Sun path, Washington DC



sun path study | summer solstice
june 21 sunrise 5:43am, sunset 8:36pm



sun path study | summer solstice
june 21 sunrise 5:43am, sunset 8:36pm