

EXHIBIT C

Fredrique Linnea Brown
(845) 758-5231
Jennifer Philipson
(303) 356-0605
jlphilipson@gmail.com
155 Country Club Drive
Red Hook, NY 12572

May 12, 2020

Attention Zoning Board of Appeals

Re: Sun Impact Study

Our neighbor to the North East came to me on Sunday and showed me a computer simulation he had run of a sun impact study for the proposed addition at 155 Country Club Drive. We do not feel that the proposed structure would be as impactful as our neighbor feels it would be for several reasons. As the pictures below show there is a row of evergreen trees between the two properties that are about 20 feet tall, there are also multiple trees on our property that are 60+ feet tall.

Current Tree line (average height 20 feet)

This picture shows the property line as it is currently with the row of evergreen trees.



This picture shows the trees on the property line from the rear of the house.



This picture shows some of the larger trees on the property. It also shows the Maple and the Catalpa tree that will be removed in order to build the addition. They are marked with red arrows.



The following diagrams show the shadow that the line of evergreen trees creates on neighbor's property currently.

- the black line indicates the direction and length of the shadow, the width is not to scale
- the center red circle is the center tree of the line of evergreens pictured above – 20 feet
- the orange filled in circle is the sun with a yellow line indicating the path of sunlight
- the orange line to the East and West of the sunline indicate the sunrise and sunset respectively

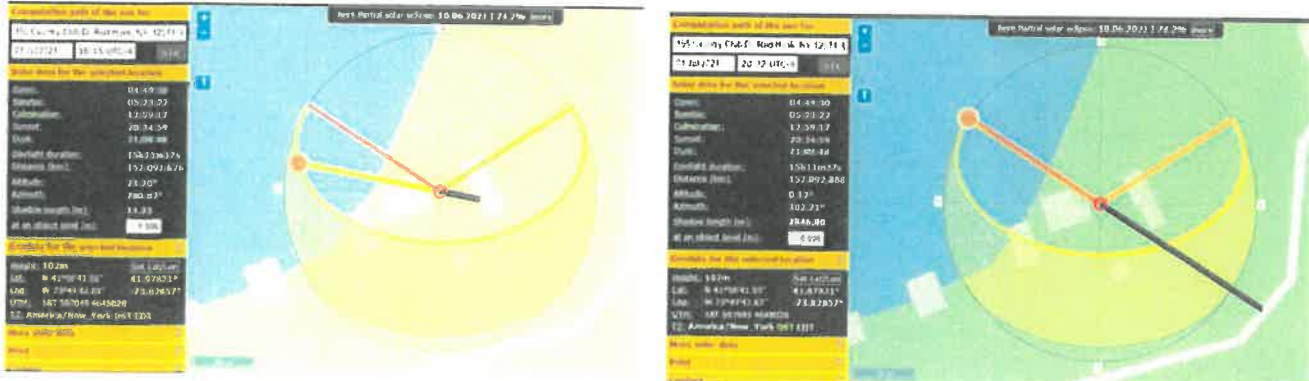
January 1 – The shadow hits the house at 2:20 pm and covers the portion of the house to the right of the shadow line until sundown.



April 1 - The shadow hits the house at 4:32 pm and covers the portion of the house to the right of the shadow line until sundown.



July 1 - The shadow hits the house at 6:15 pm and covers the portion of the house to the right of the shadow line until sundown.



October 1 - The shadow hits the house at 3:53 pm and covers the portion of the house to the right of the shadow line until sundown.



Summary: The line of trees between the two properties and the larger trees on the property put the house next door in shadow. The removal of the large Maple and Catalpa tree in between the two properties might actually allow for more sunlight to reach the property.