

Las Vegas DesertSOL House

SUNPOWER™

BENEFITS

Highest Efficiency

SunPower™ Solar Panels are the most efficient photovoltaic panels on the market today.

Attractive Design

Unique design combines high efficiency and a sleek, black appearance to blend elegantly with the roof.

More Power

Our panels produce more power in the same amount of space—up to 50% more than conventional designs and 100% more than thin film solar panels.

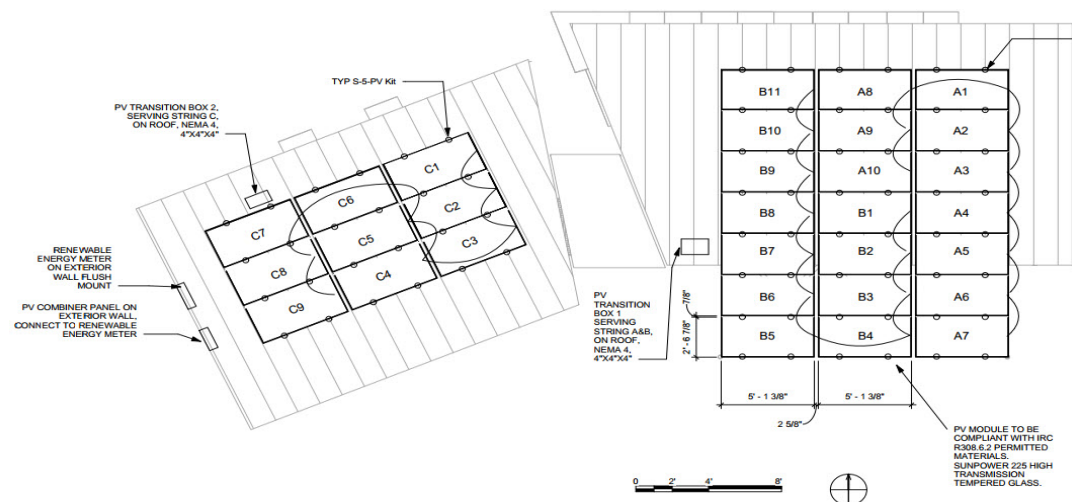
Reliable and Robust Design

Proven materials, tempered front glass, and a sturdy anodized frame allow panel to operate reliably in multiple mounting configurations.

Manufacturer: Sun Power SPR-225-BLK-U Mono-Cryst.

Dimensions: 5'-1 3/8" x 2'-6 7/8" x 1 5/8"

Quantity: 30 panels



1 PHOTOVOLTAIC ARRAY PLAN
1/4" = 1'-0"

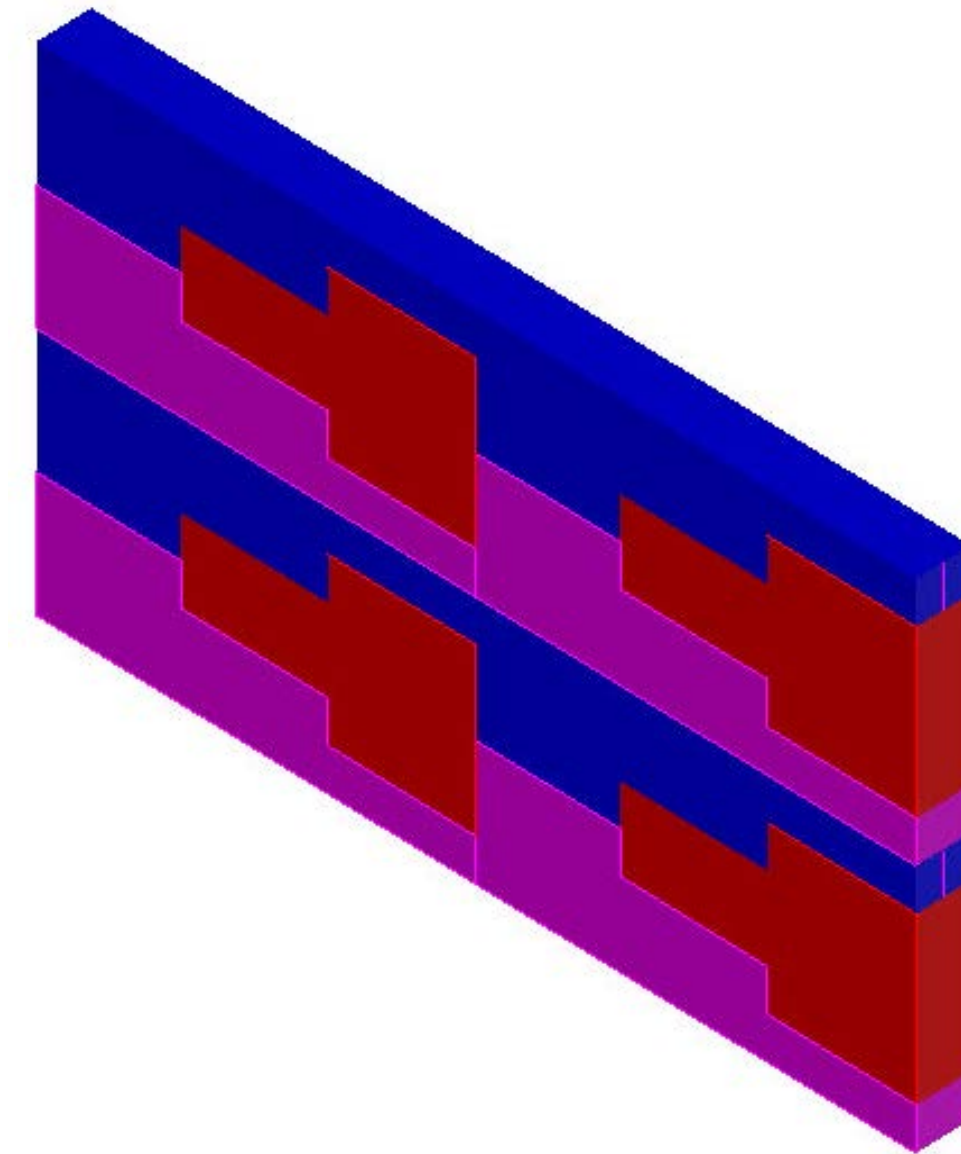
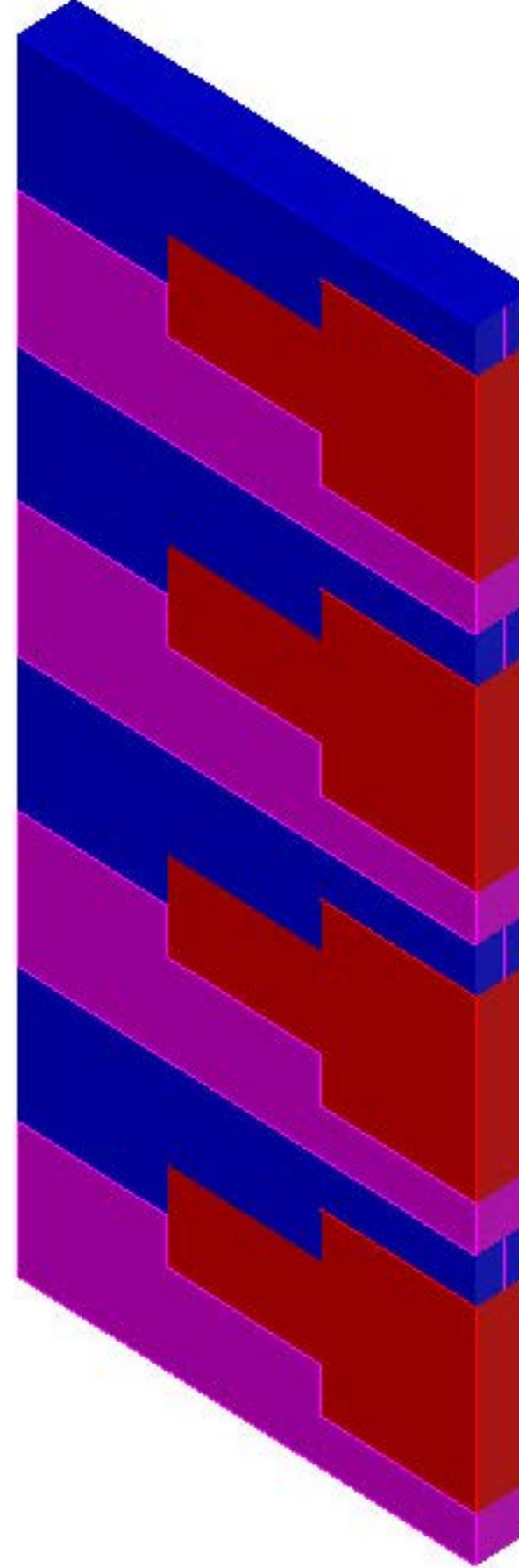
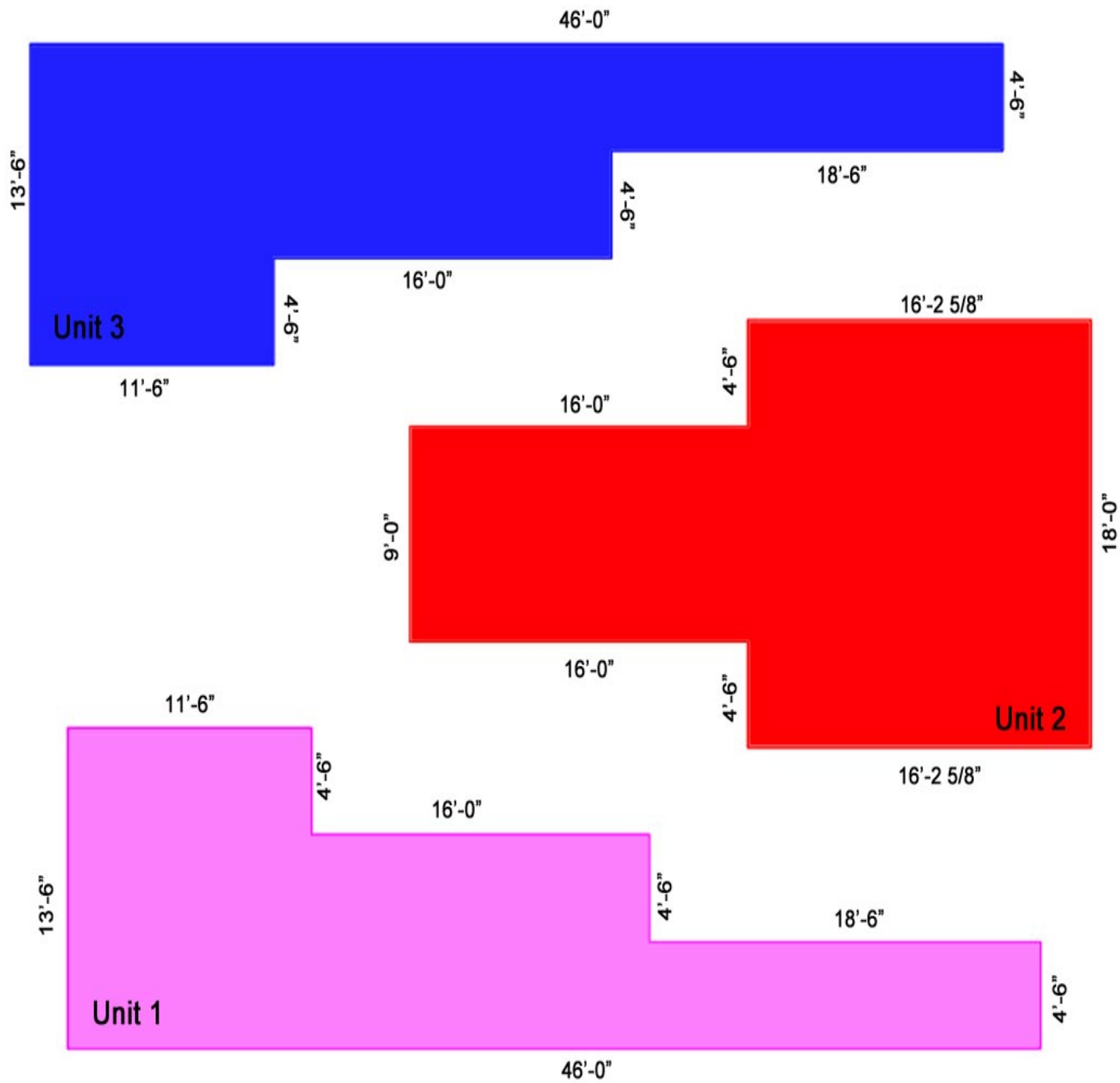


Assignment 5: Interlocking Façade and Solar Panels
Prof. Aptekar
Patricia Paredes

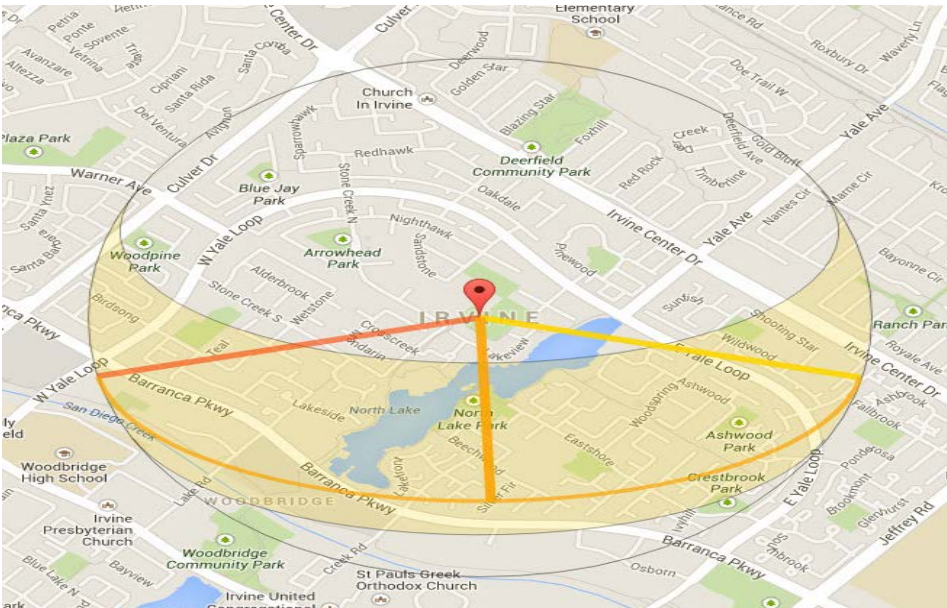
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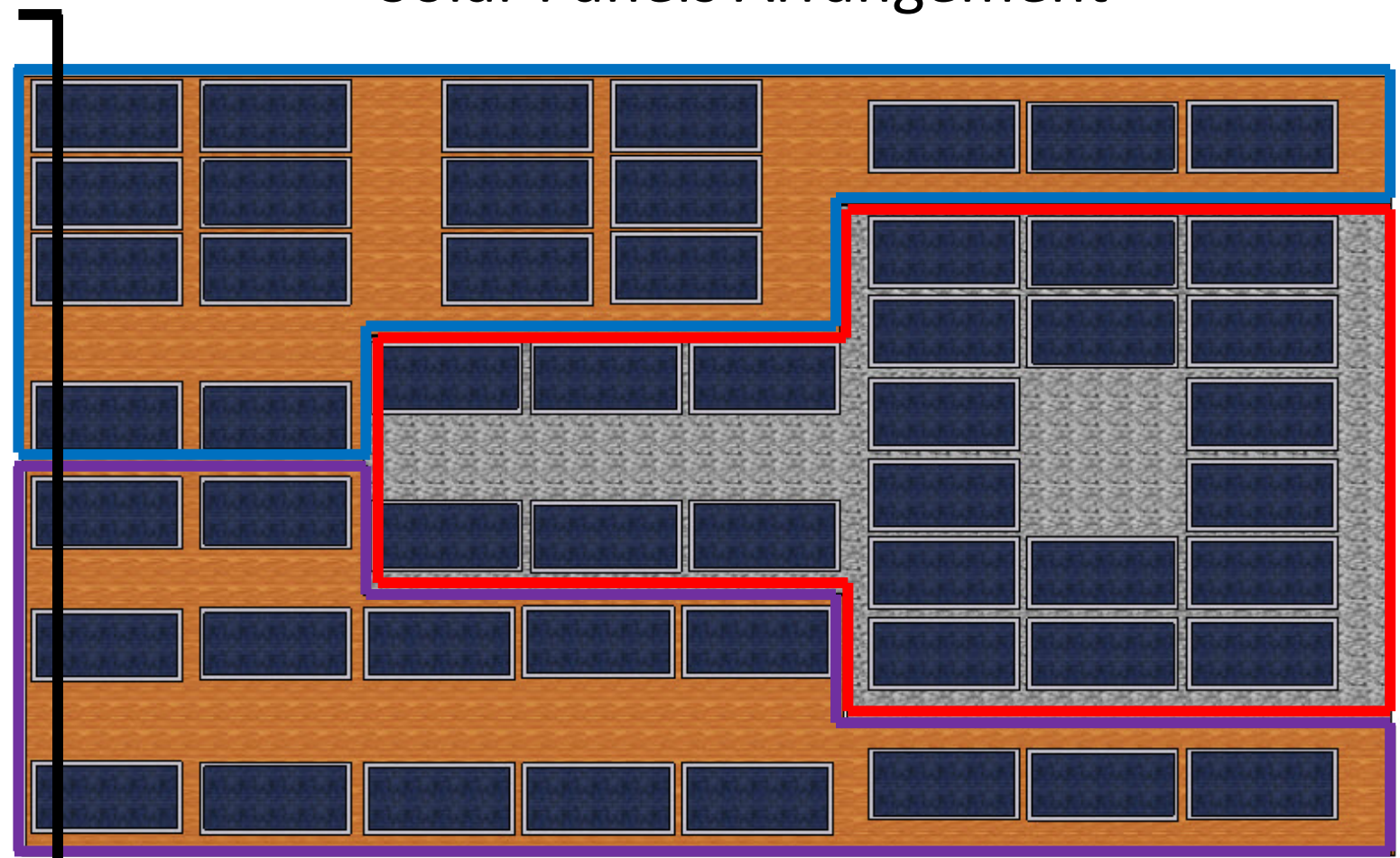
Interlocking Façade Design and Dimensions



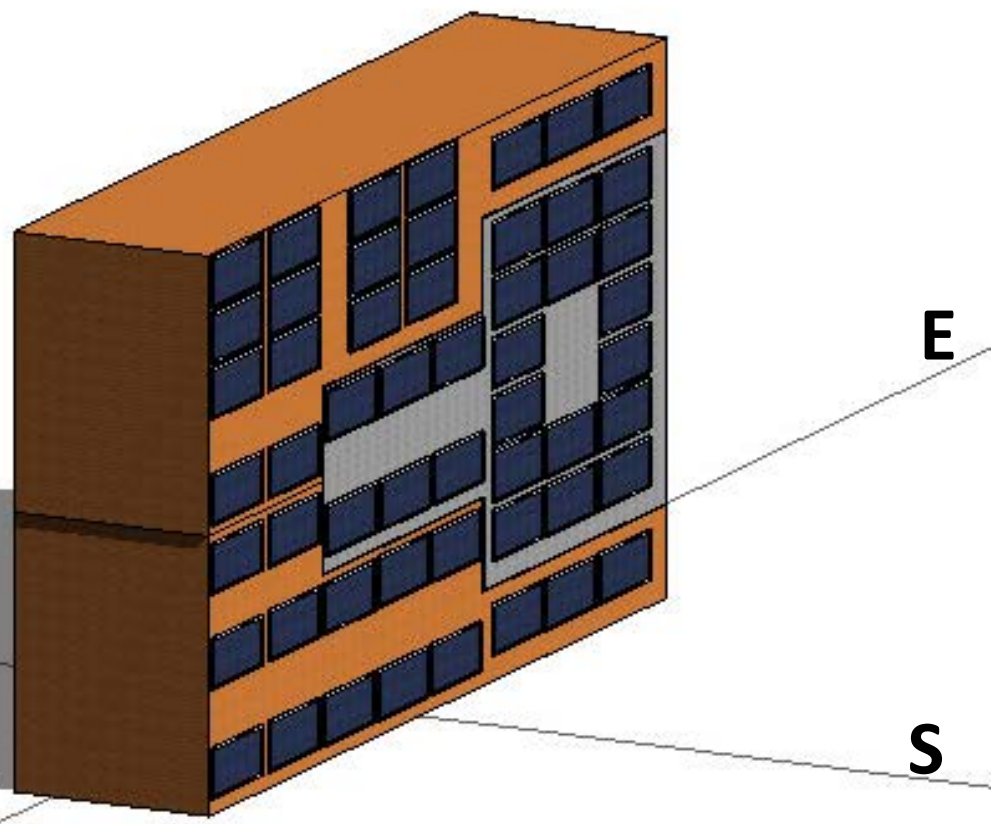
Irvine, California Sun Diagram at 3pm



Interlocking Façade
Solar Panels Arrangement



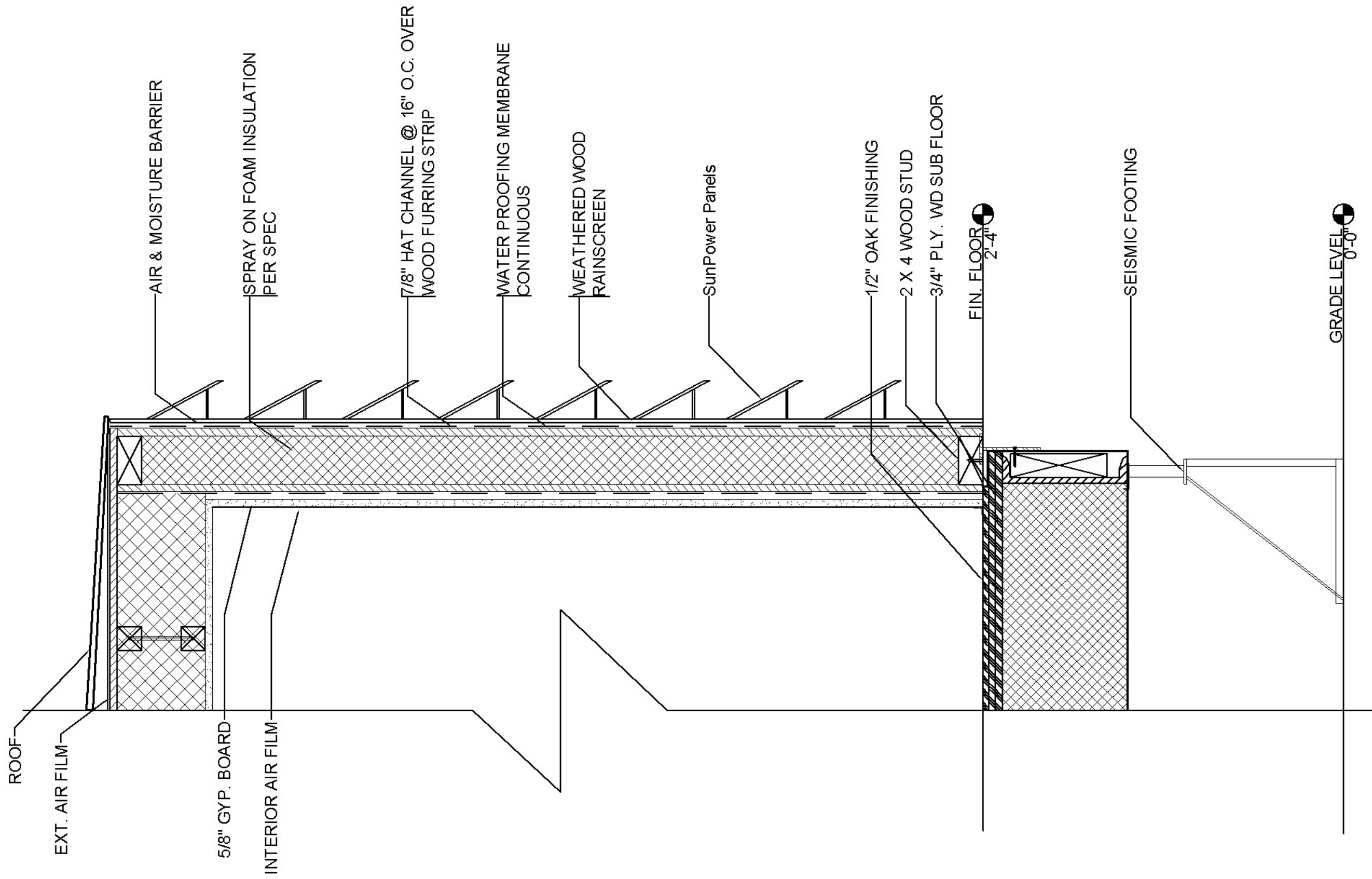
- Unit 1:** 15 panels
- Unit 2:** 22 panels
- Unit 3:** 17 panels
- Total:** 54 panels



Sun hitting the South Facade

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WALL SECTION

1

SCALE: 1/4" = 1'-0"



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