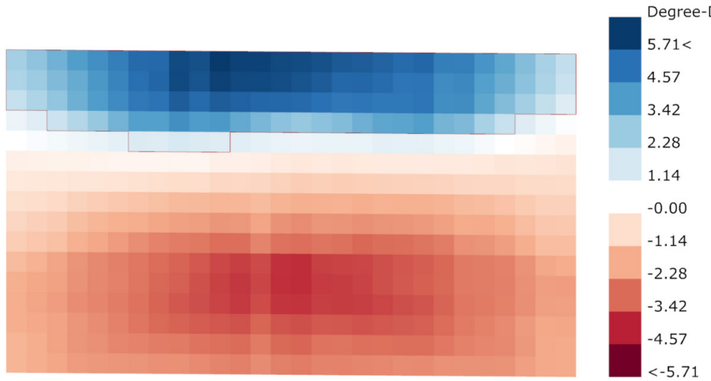
SHADING DESIGN

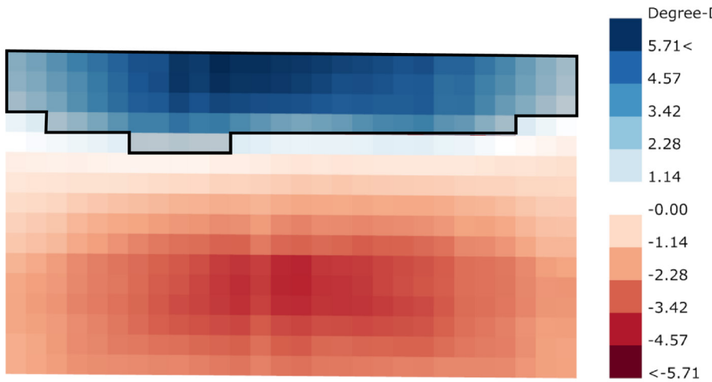
STEP. 1
Do shade benefit analysis for the entrance of the building, then get the proper shape that the shade will be most efficient.

STEP. 2
Make the sun shield according to the analysis.

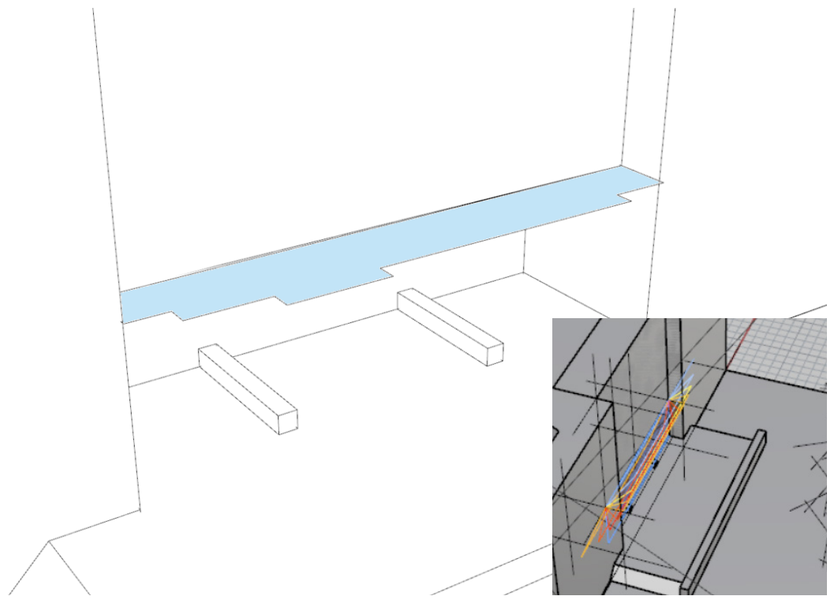
STEP. 3
Apply to the model.

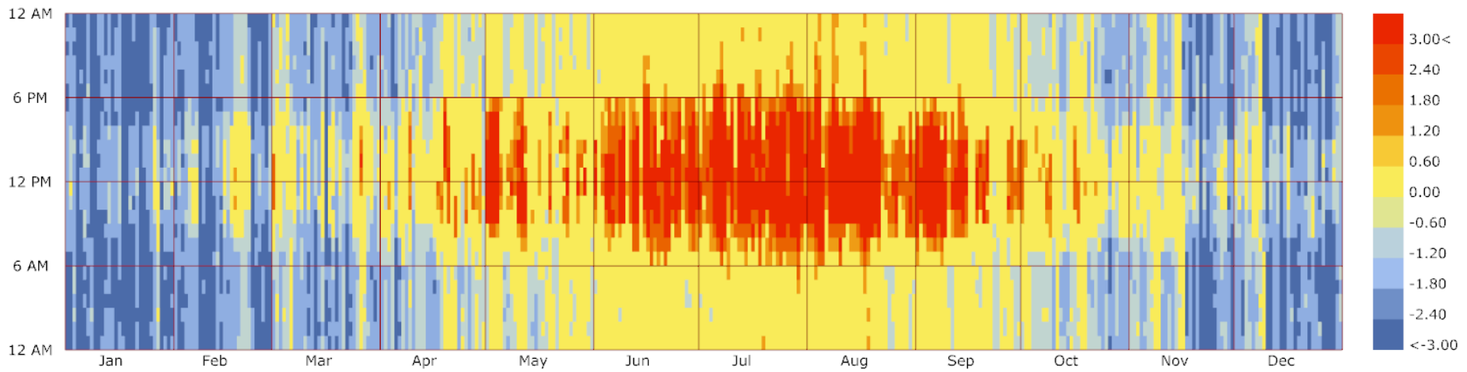


Shade Benefit Analysis



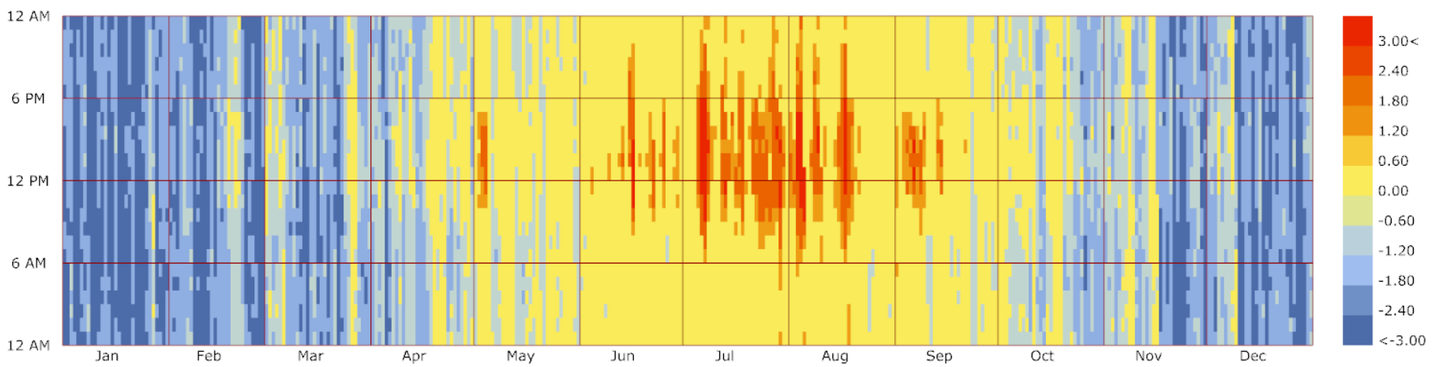
Shade Benefit Analysis





Outdoor Comfort (-3 = Extreme Cold | -2 = Cold | -1 = Cool | 0 = Comfort | 1 = Warm | 2 = Hot | 3 = Extreme Heat) - Hourly
Philadelphia International Ap_PA_USA
1 JAN 1:00 - 31 DEC 24:00

No shade at all



Outdoor Comfort (-3 = Extreme Cold | -2 = Cold | -1 = Cool | 0 = Comfort | 1 = Warm | 2 = Hot | 3 = Extreme Heat) - Hourly
Philadelphia International Ap_PA_USA
1 JAN 1:00 - 31 DEC 24:00

Fully shaded