

FINAL REVIEW

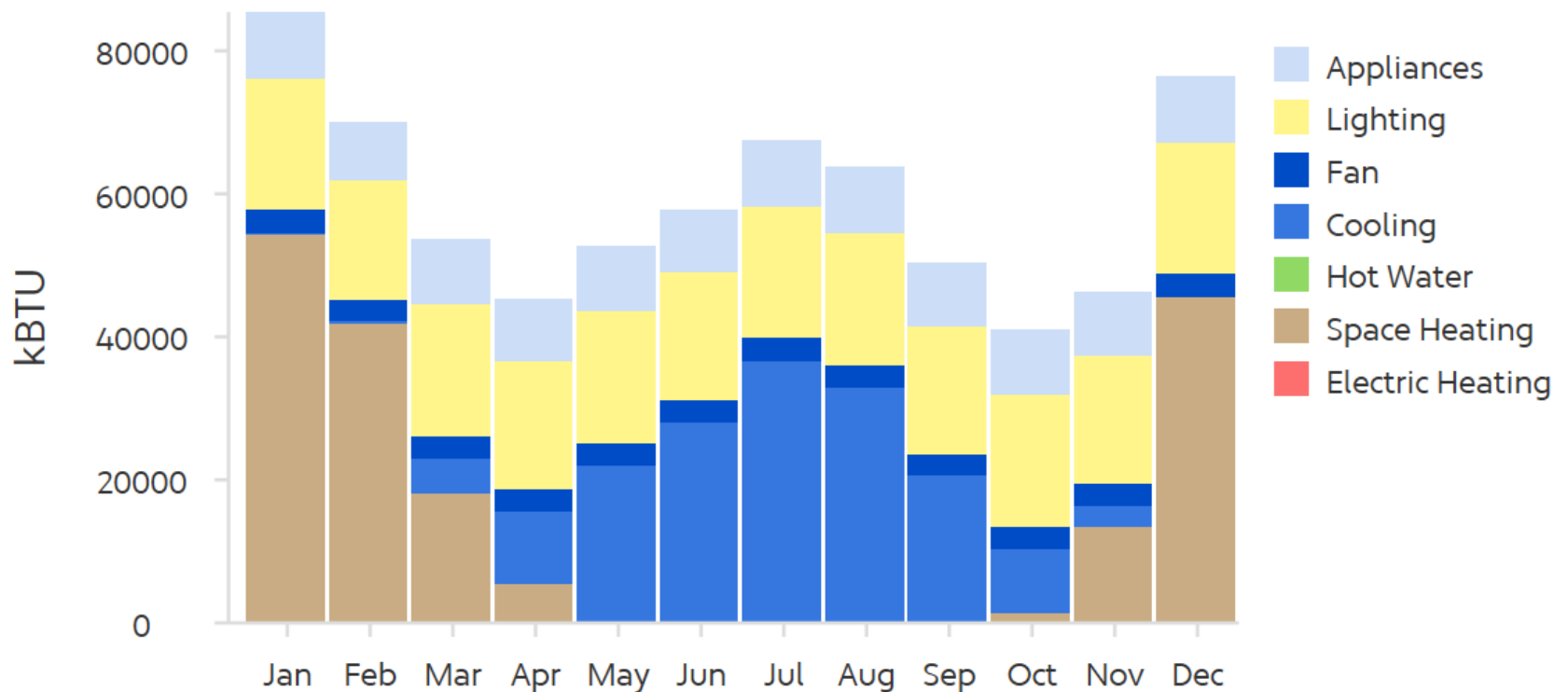
Calla Chang & Emily Moser

Building Analyzed



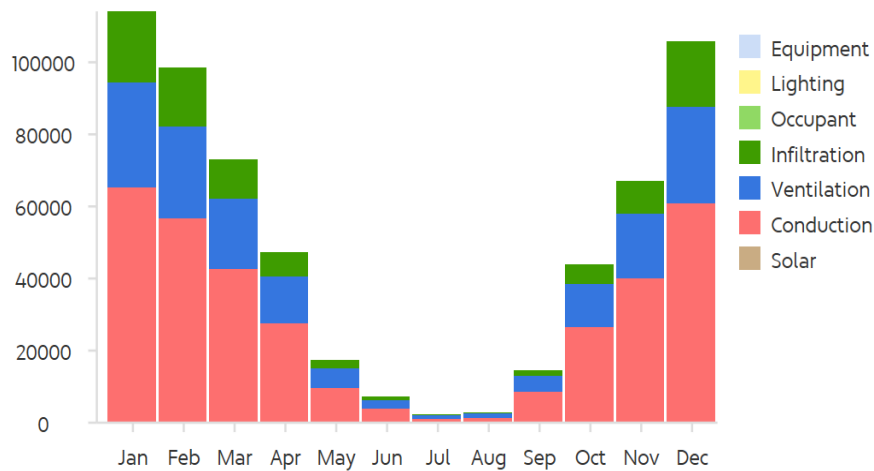
Heating & Cooling Consumption

Monthly Consumption (kBTU)



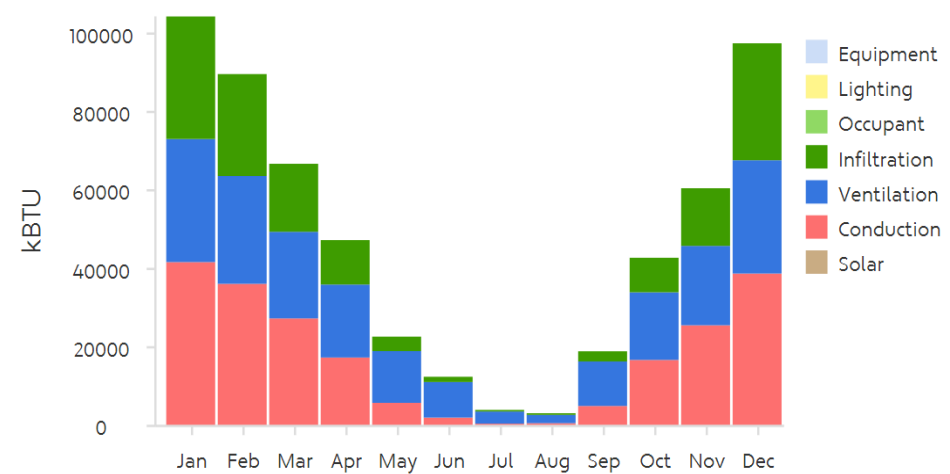
Key Factors in Heating Consumption

Monthly Heat Loss (kBTU)



Preliminary Design

Monthly Heat Loss (kBTU)

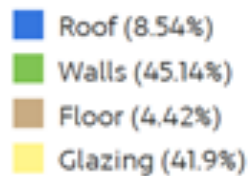
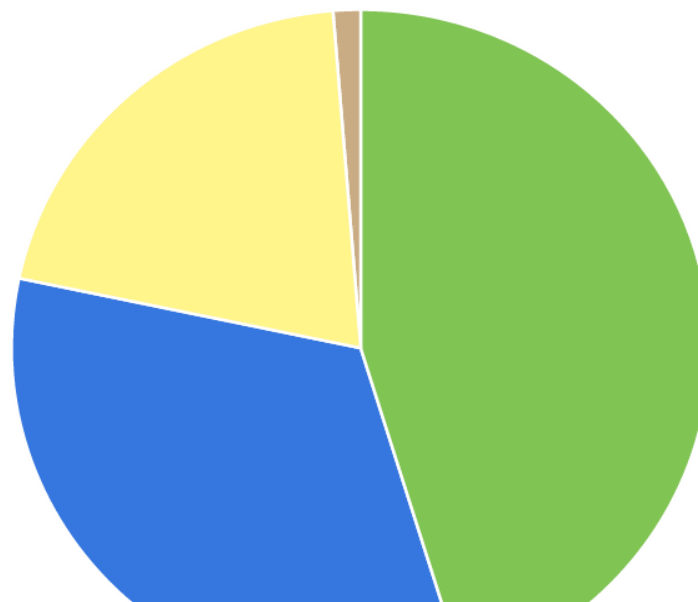
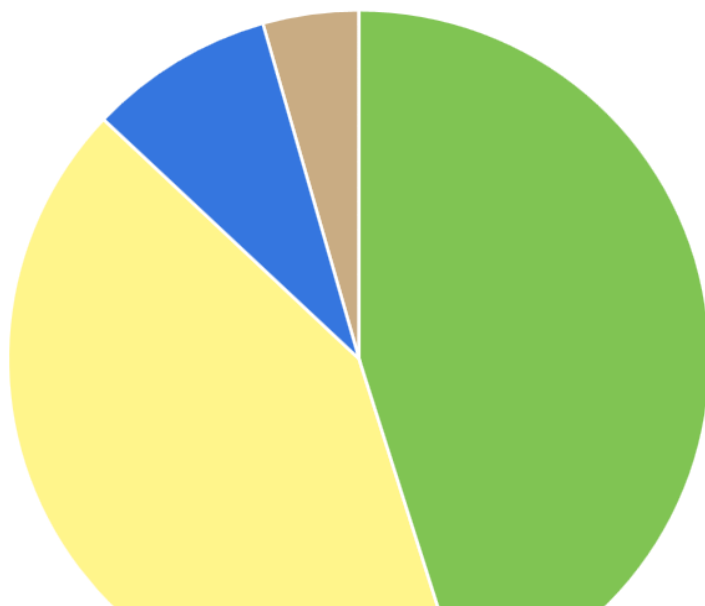


Final Design

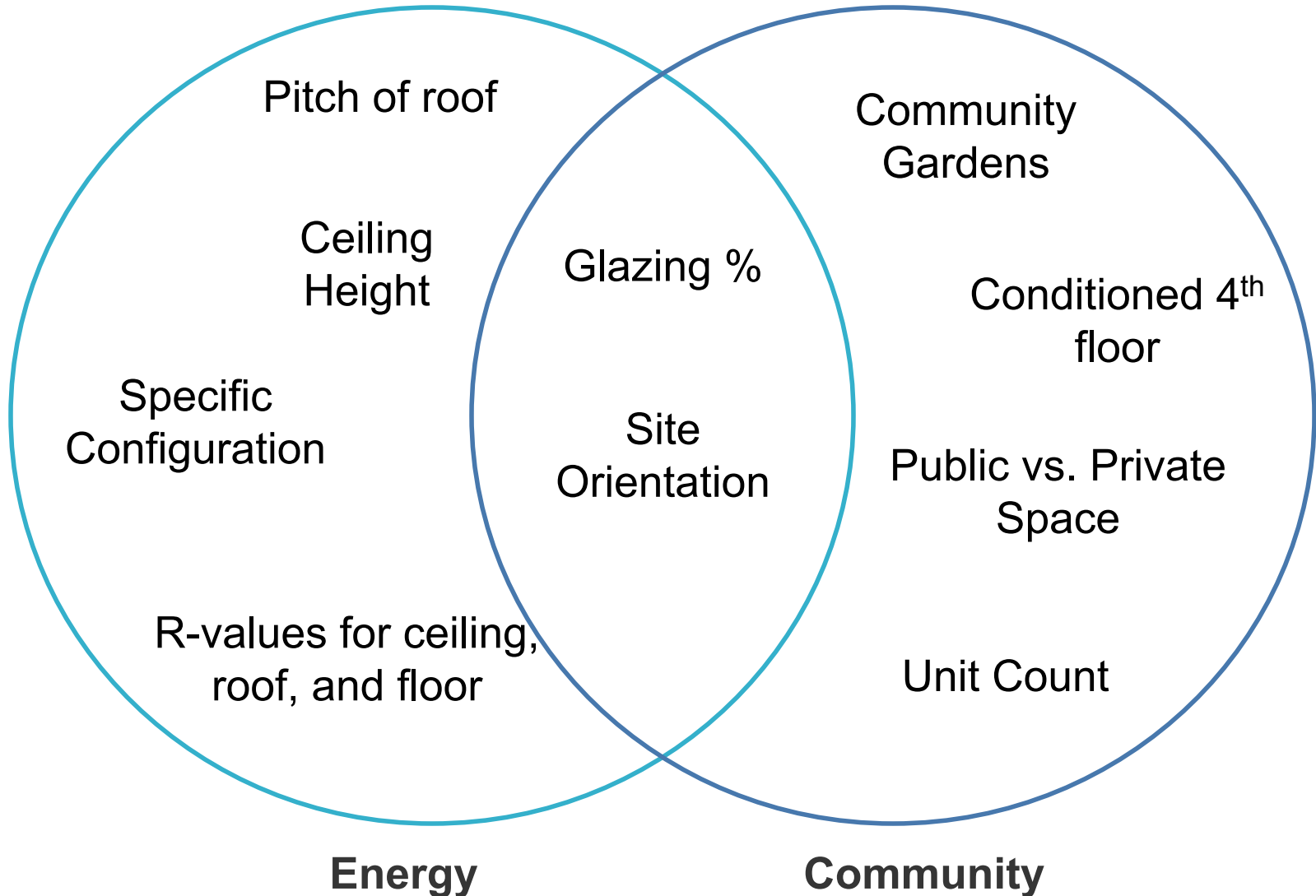
Conduction, Infiltration, & Ventilation

Conduction Losses

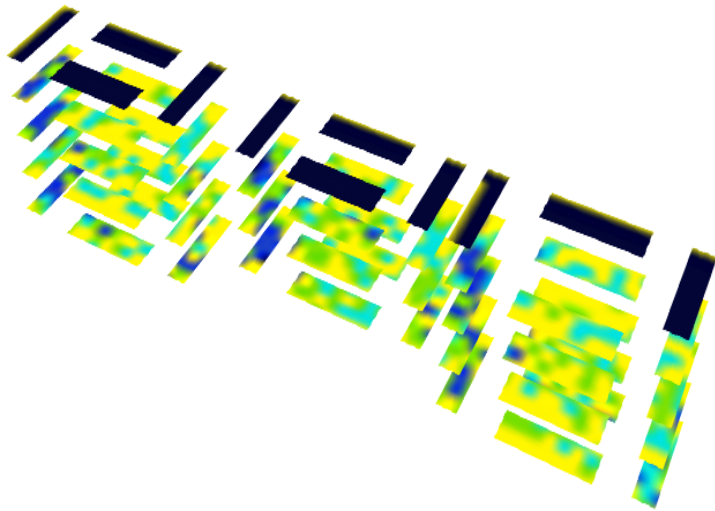
Fabric Conduction Losses (kBTU)



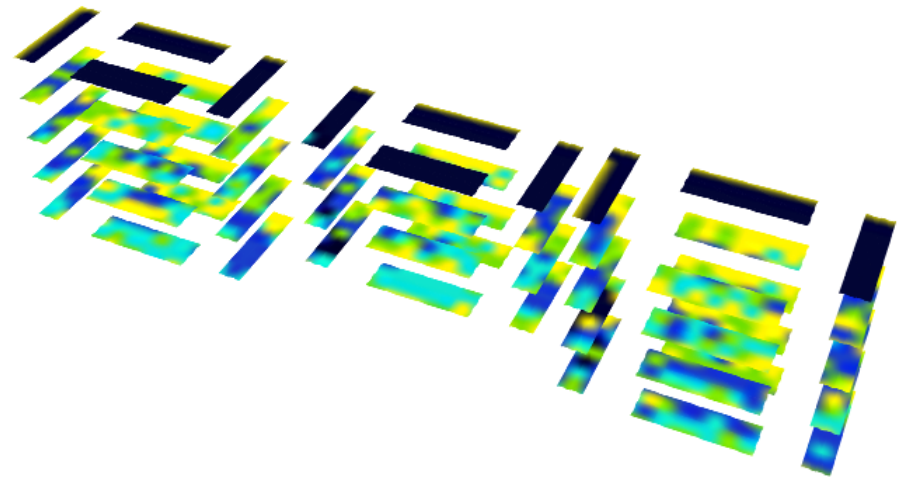
Design Decisions



Shading



Without Shading



With Shading

LEGEND »

Percentage of occupied hours where illuminance is at least **300lux**, measured at 0.85 meters above the floor plate.

0-20%

20-40%

40-60%

60-80%

80-100%