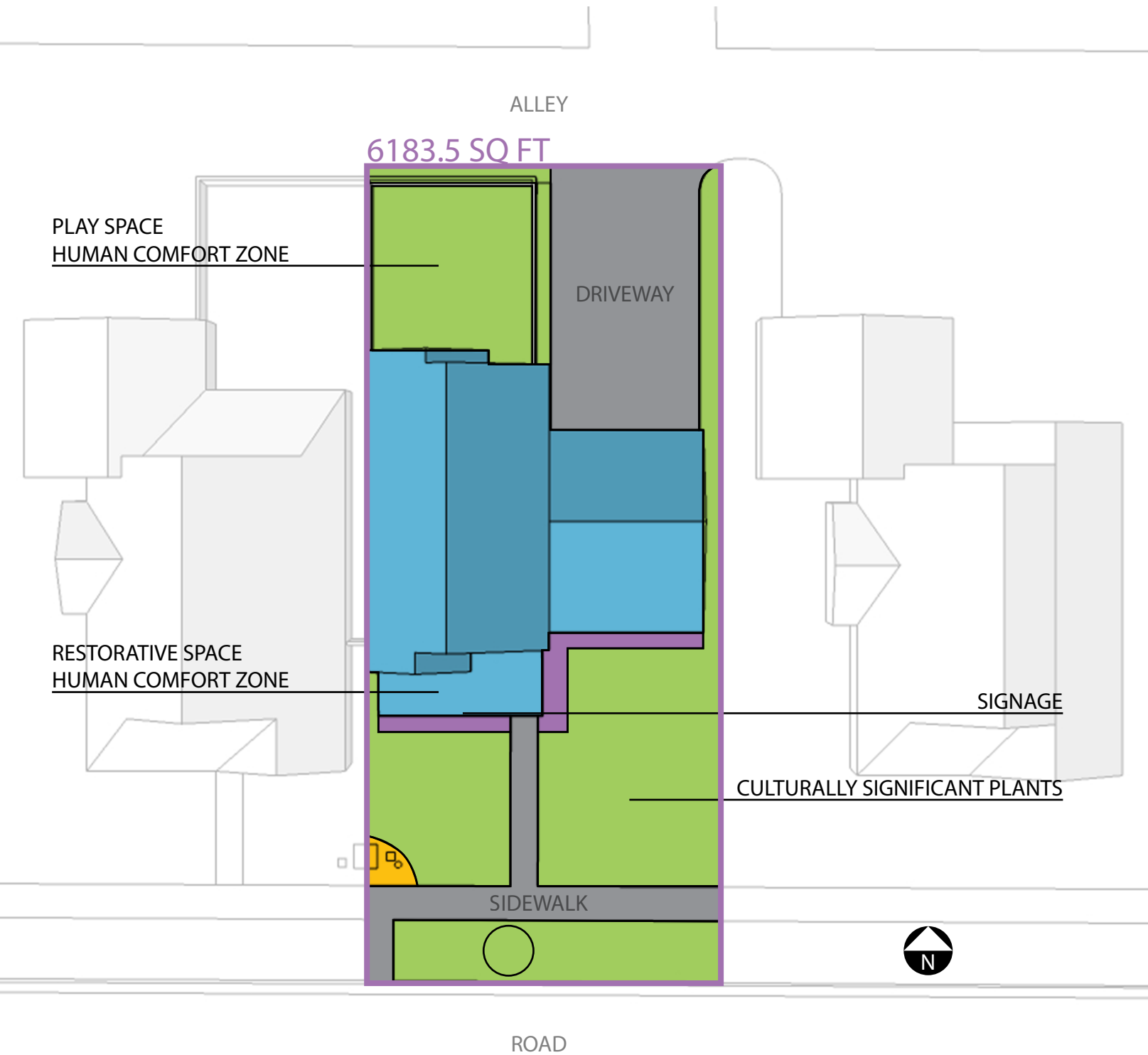
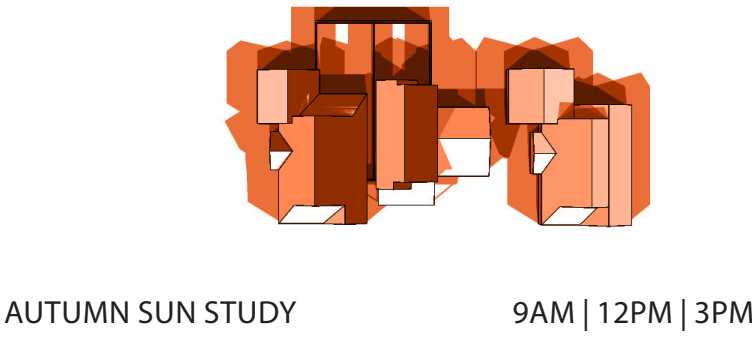
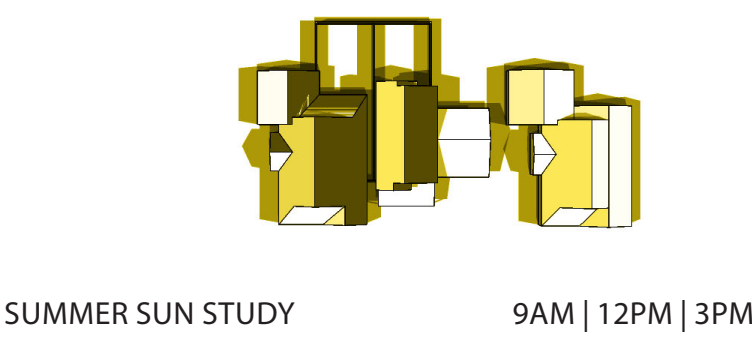
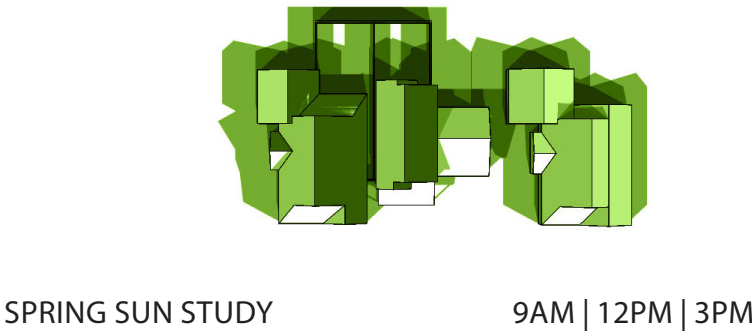
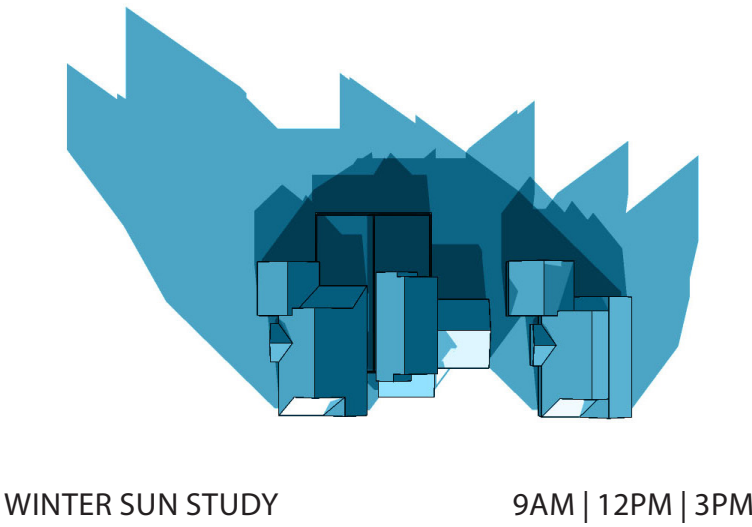


BOZEMAN SINGLE-FAMILY RESIDENCE STUDY

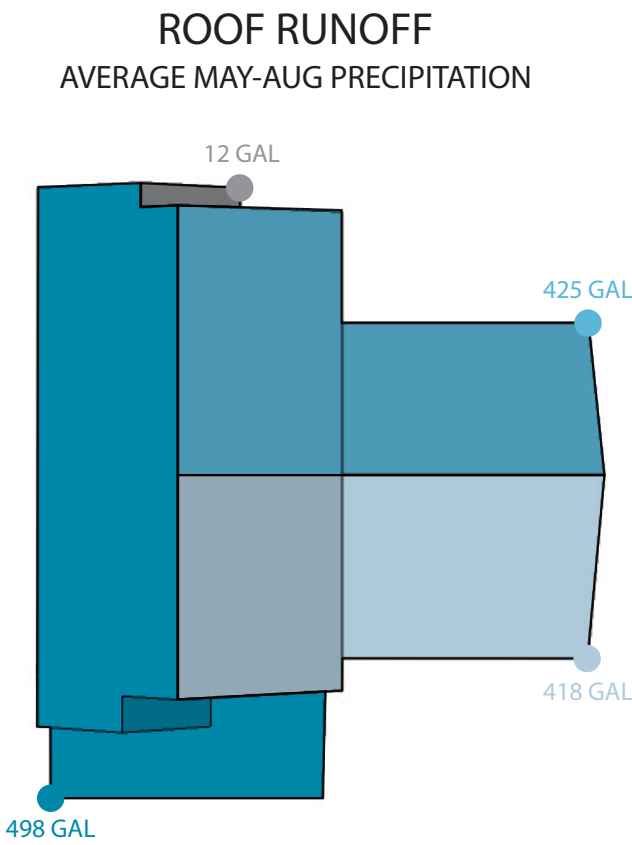
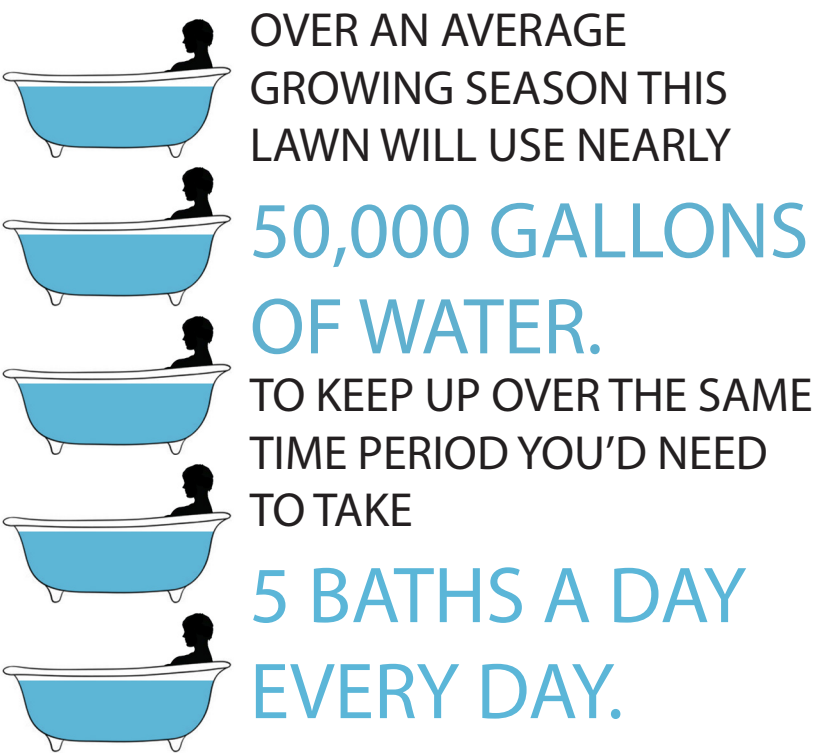
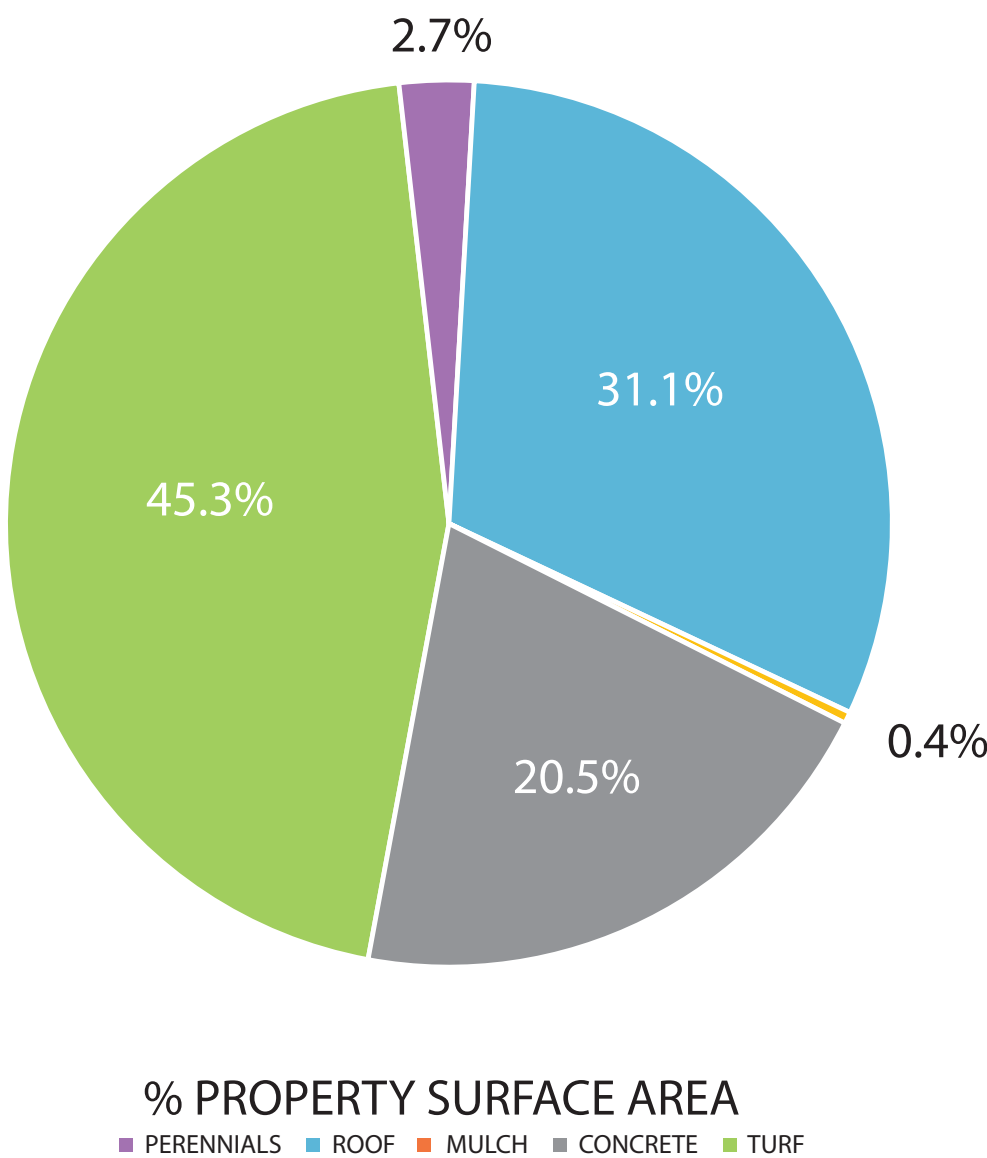
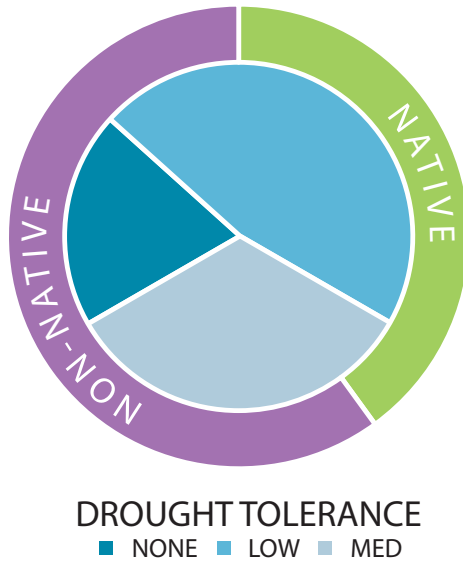
ELIZABETH RITCHIE | HORT 432 | FALL 2016

WHY THIS PROPERTY?

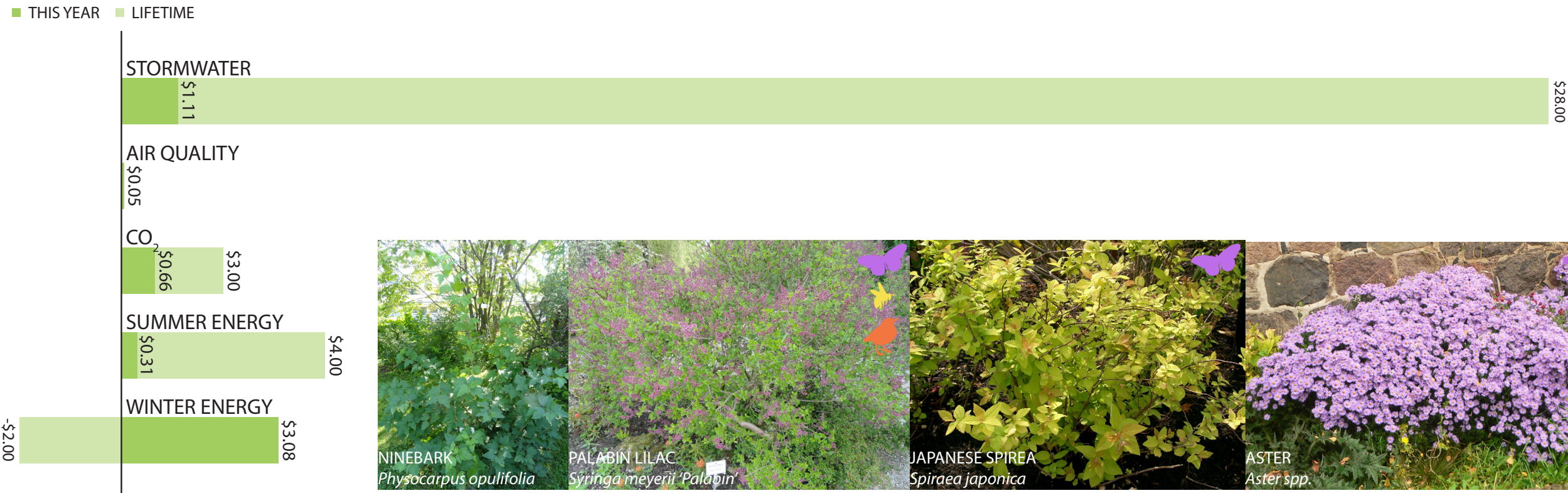
This property, containing on single family home with alley garage access, was selected to be representative of its neighborhood in regards to orientation, programming, and vegetation. Like many of its peers, this property is relatively narrow with very shallow setbacks to the adjoining properties. It is oriented north-south and offers a fairly sized-able front yard compared to its neighbors. However, this means that the fenced-in backyard is rather small in comparison and is planted only with turf. The covered porch and fenced in backyard offer a sense of security and ownership, especially when considering the shallow setbacks. The abundant use of turf is common in this, and most, residential areas and as such has been termed as culturally significant since it would be exceptional if this was not present. The alley-access garage allows for a narrower house profile on the lot, though this particular design does not seem to take advantage of this fact as much as it could have. Interestingly, the developers have chosen to place the utility boxes on the front face of the lots on this street, likely for cost-reduction or access reasons.



PERENNIAL BEDS



SAVINGS FROM TREE



PERENNIALS AND SHRUBS ATTRACT

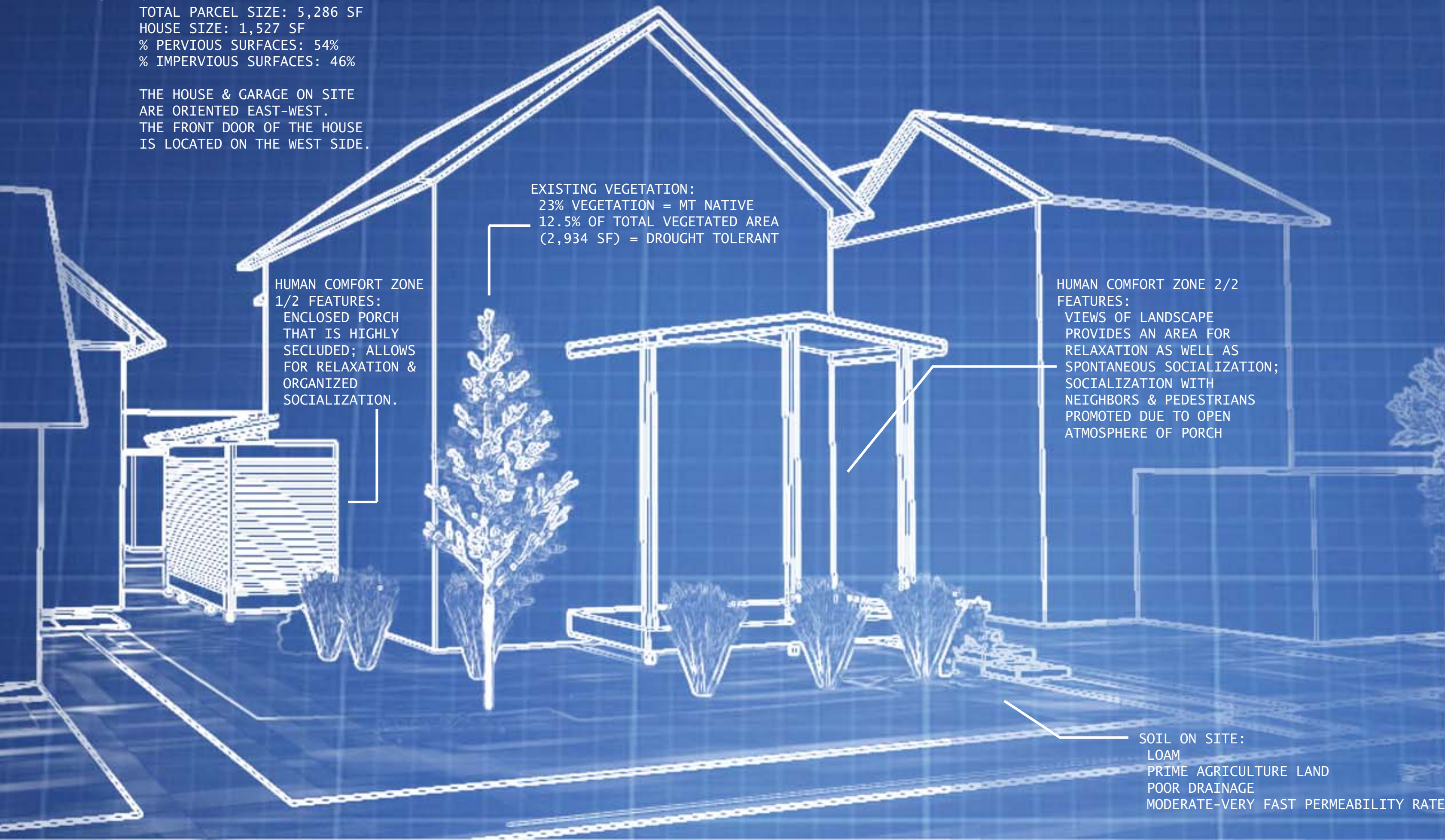
BUTTERFLIES

BEES

BIRDS

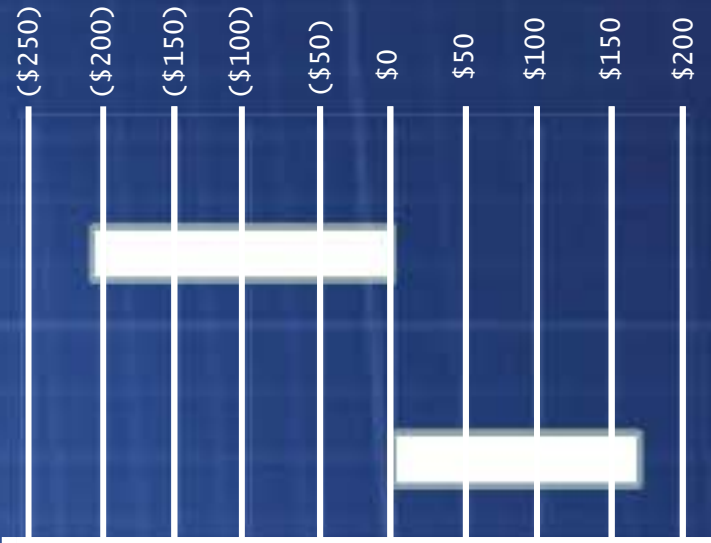
SITE 6:
TOTAL PARCEL SIZE: 5,286 SF
HOUSE SIZE: 1,527 SF
% PERVIOUS SURFACES: 54%
% IMPERVIOUS SURFACES: 46%

THE HOUSE & GARAGE ON SITE
ARE ORIENTED EAST-WEST.
THE FRONT DOOR OF THE HOUSE
IS LOCATED ON THE WEST SIDE.

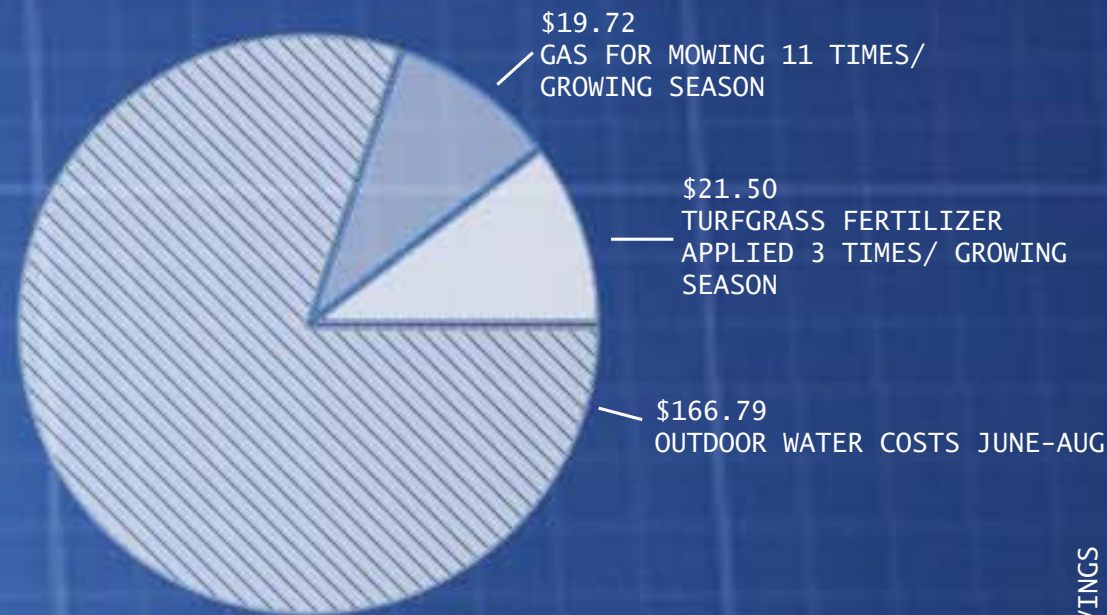


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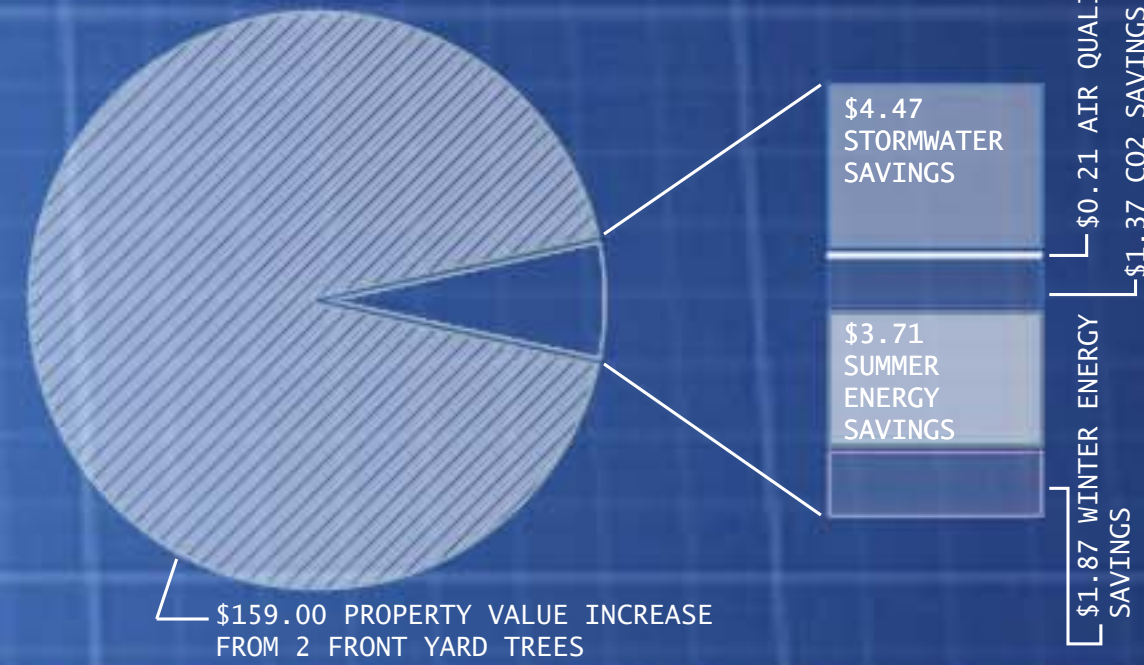
TOTAL ANNUAL
OUTDOOR COSTS
\$208.01



SITE 6: ANNUAL OUTDOOR COSTS



SITE 6: ANNUAL OUTDOOR SAVINGS / GAINS



SUMMER SOLSTICE SUN-SHADE ANALYSIS



WINTER SOLSTICE SUN-SHADE ANALYSIS

