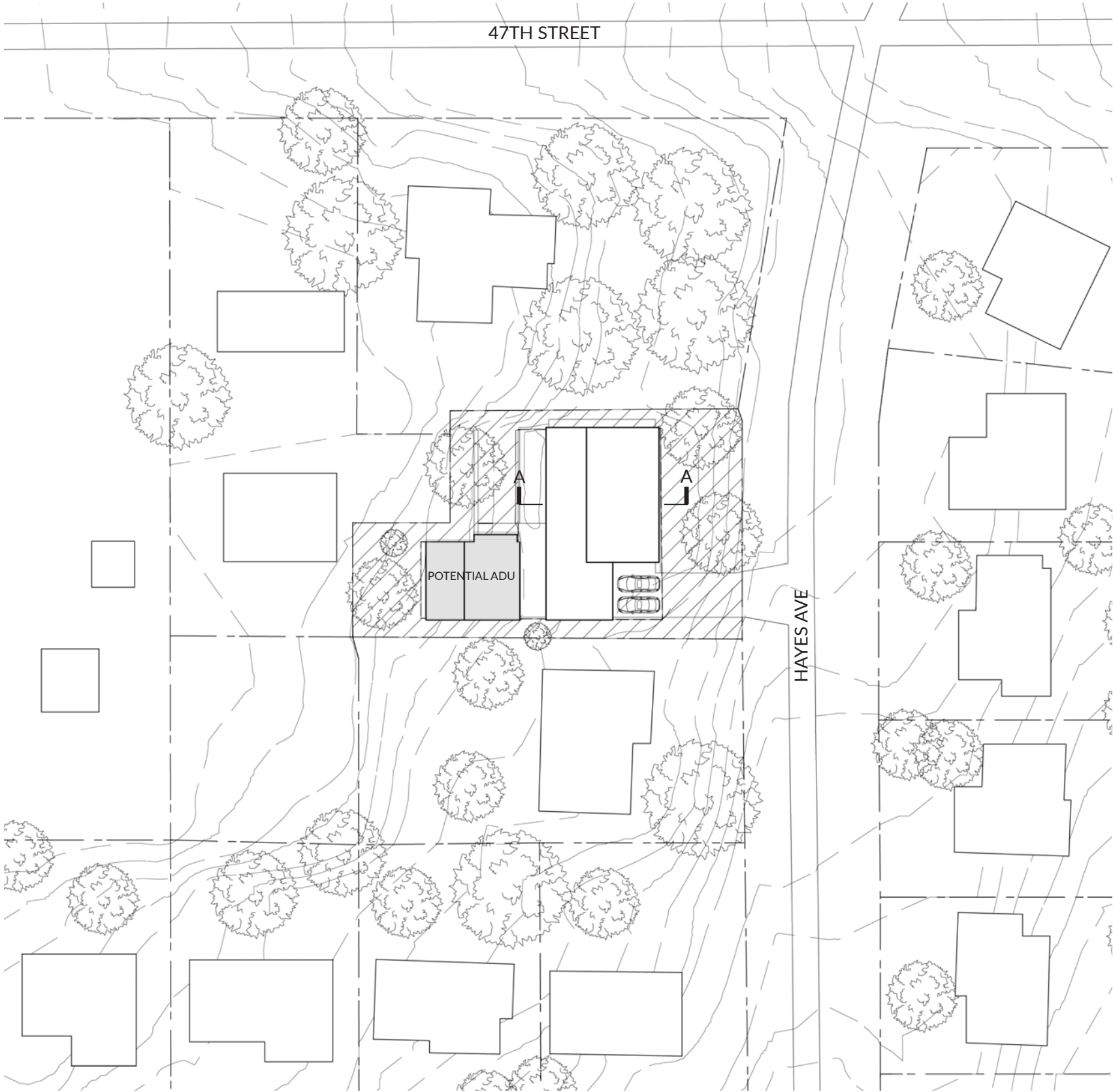




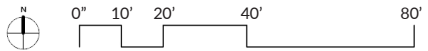
FRONT APPROACH



BACKYARD



SITE PLAN

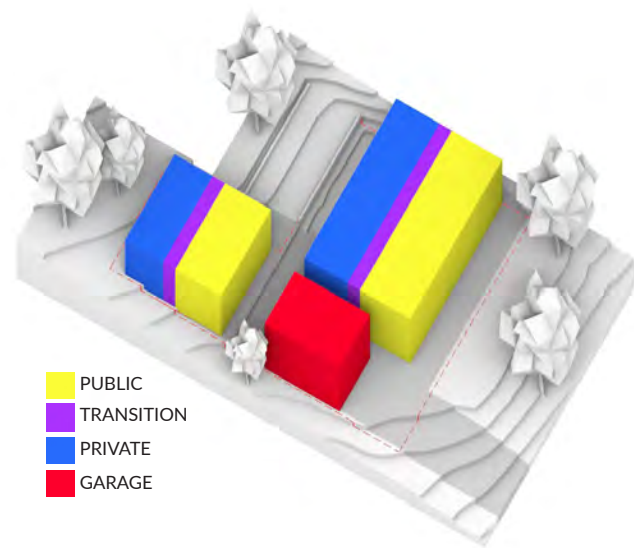


HOME AS LIFE

CREATING FLEXIBLE SPACES THAT ALLOW FOR FUNCTIONALITY IN EVERY STAGE OF LIFE



SHELBY THORNTON



PROGRAM



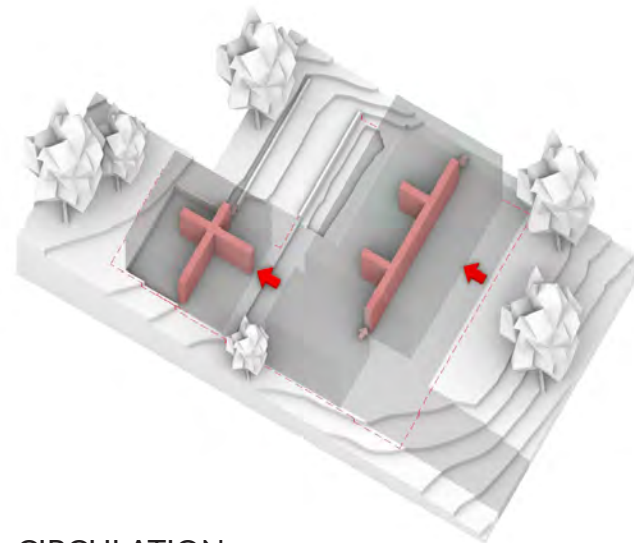
KITCHEN AND DINING AREA



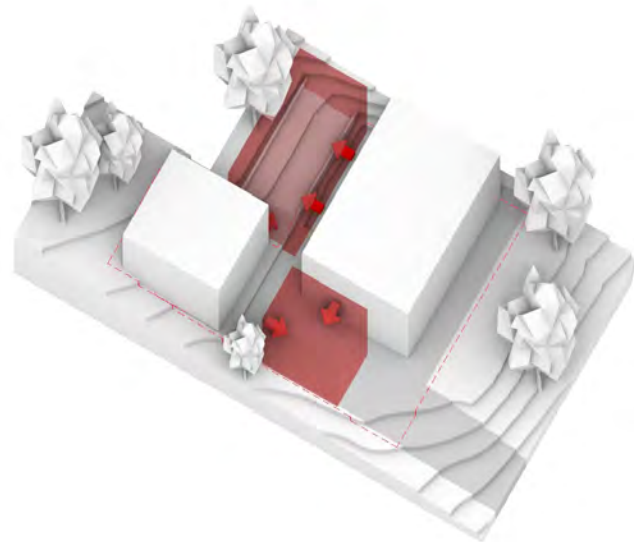
GARAGE AS AN OUTDOOR PAVILION



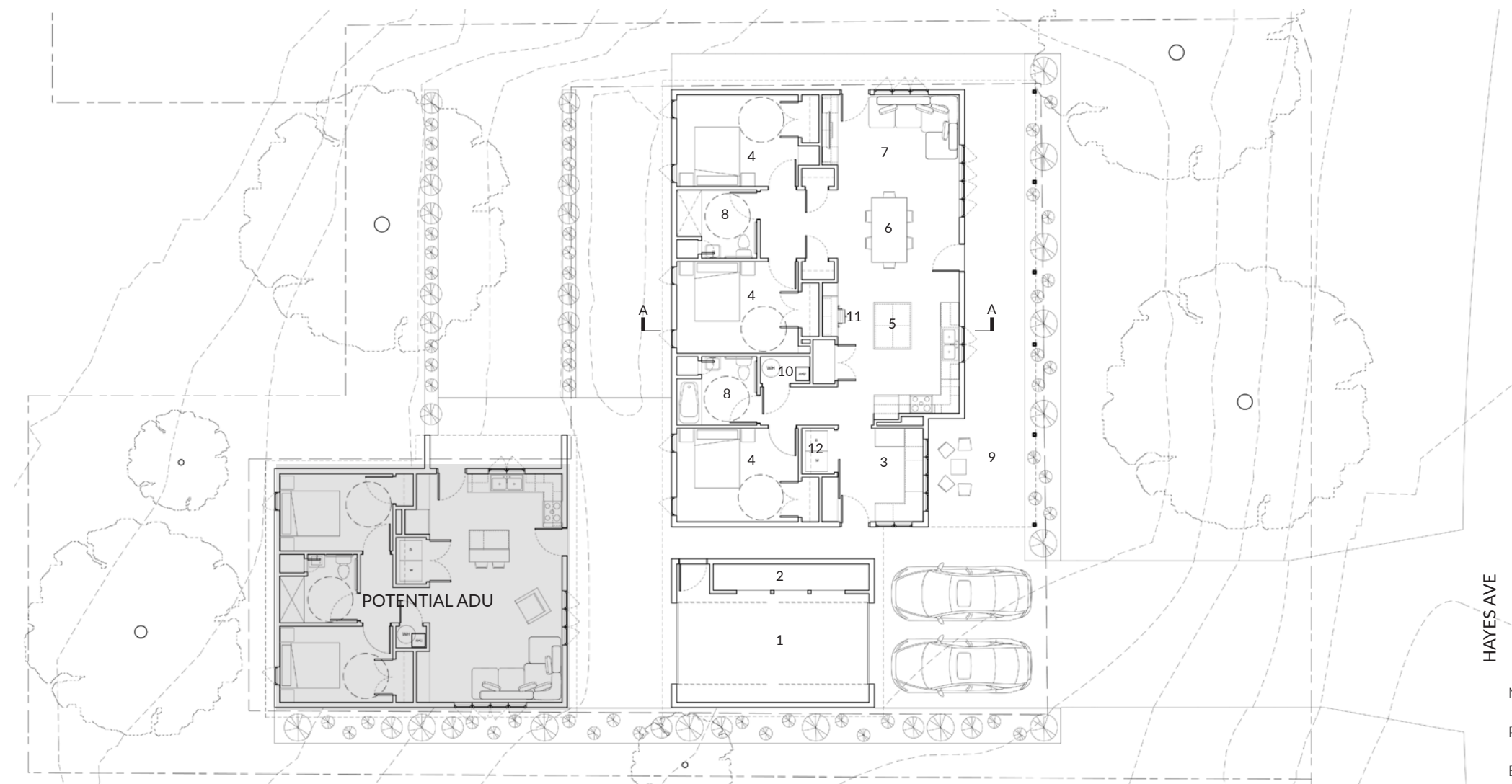
GARAGE AS EXERCISE SPACE



CIRCULATION



SHARED SPACE

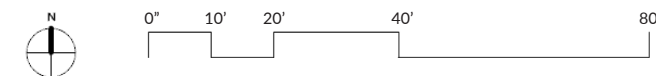


FLOOR PLAN

- 1 GARAGE
- 2 STORAGE
- 3 MUDROOM
- 4 BEDROOM
- 5 KITCHEN
- 6 DINING
- 7 LIVING
- 8 BATHROOM
- 9 PORCH
- 10 MECHANICAL
- 11 OFFICE
- 12 LAUNDRY

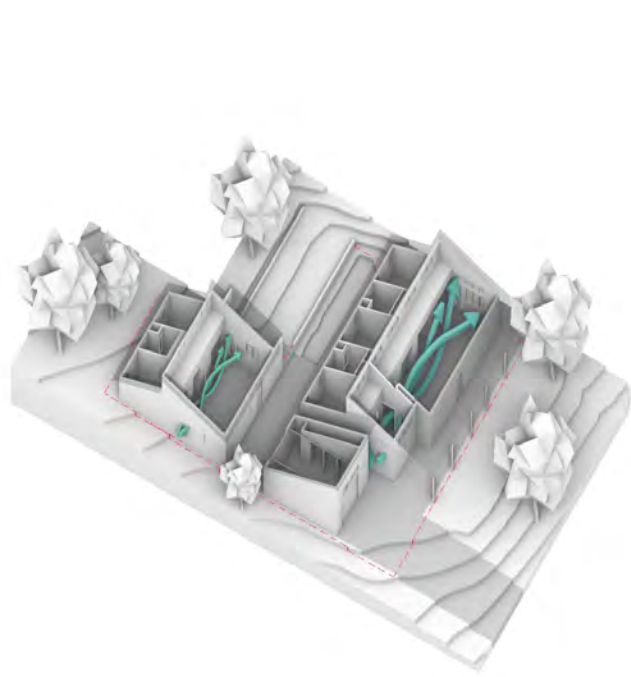
HAYES AVE

MAIN HOUSE GSF: 1,527 SF
 POTENTIAL ADU GSF: 854 SF
 BATHROOMS: 8'-11" x 7'-7"
 BEDROOMS: 13'-6" x 10'-2"

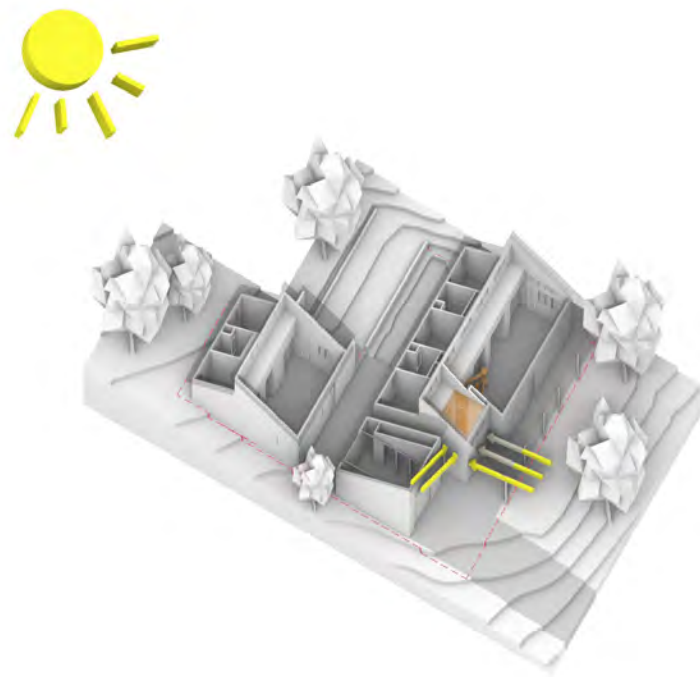


HOME AS LIFE

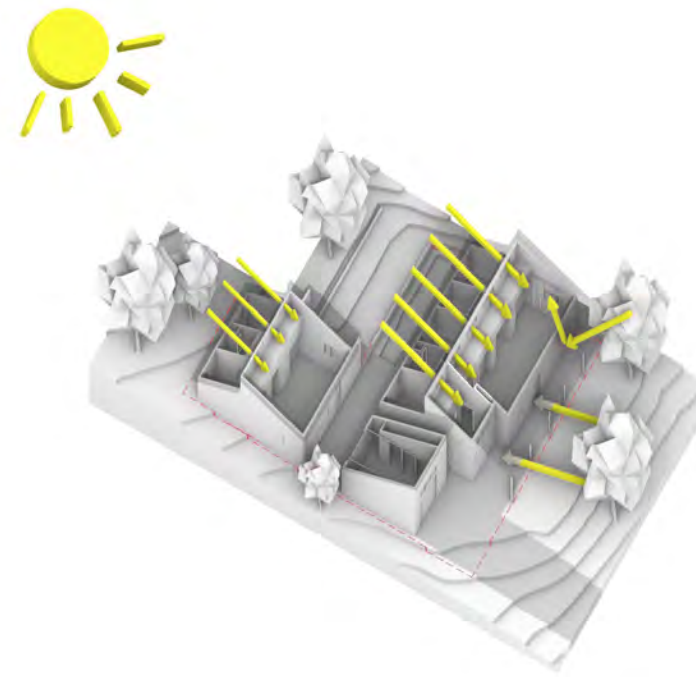
CREATING FLEXIBLE SPACES THAT ALLOW FOR FUNCTIONALITY IN EVERY STAGE OF LIFE



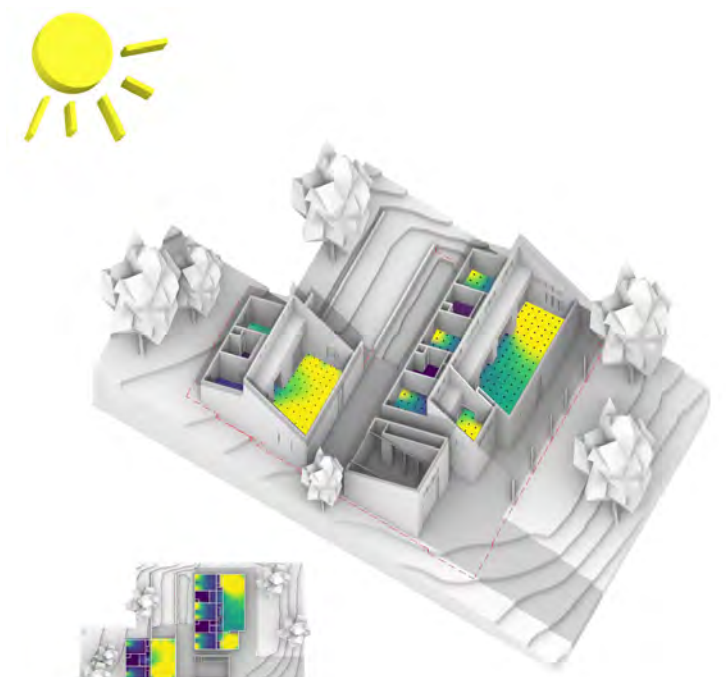
PASSIVE COOLING: CROSS VENTILATION



PASSIVE SOLAR HEATING: SUNSPACE



PASSIVE SOLAR: SUNSHADING AND DAYLIGHT



DAYLIGHT ANALYSIS

MAIN HOUSE DAYLIGHT	
2.35% (max 21°)	2.45% (max 21°)
ADU DAYLIGHT	
1.85% (max 21°)	1.25% (max 21°)

0% 100%



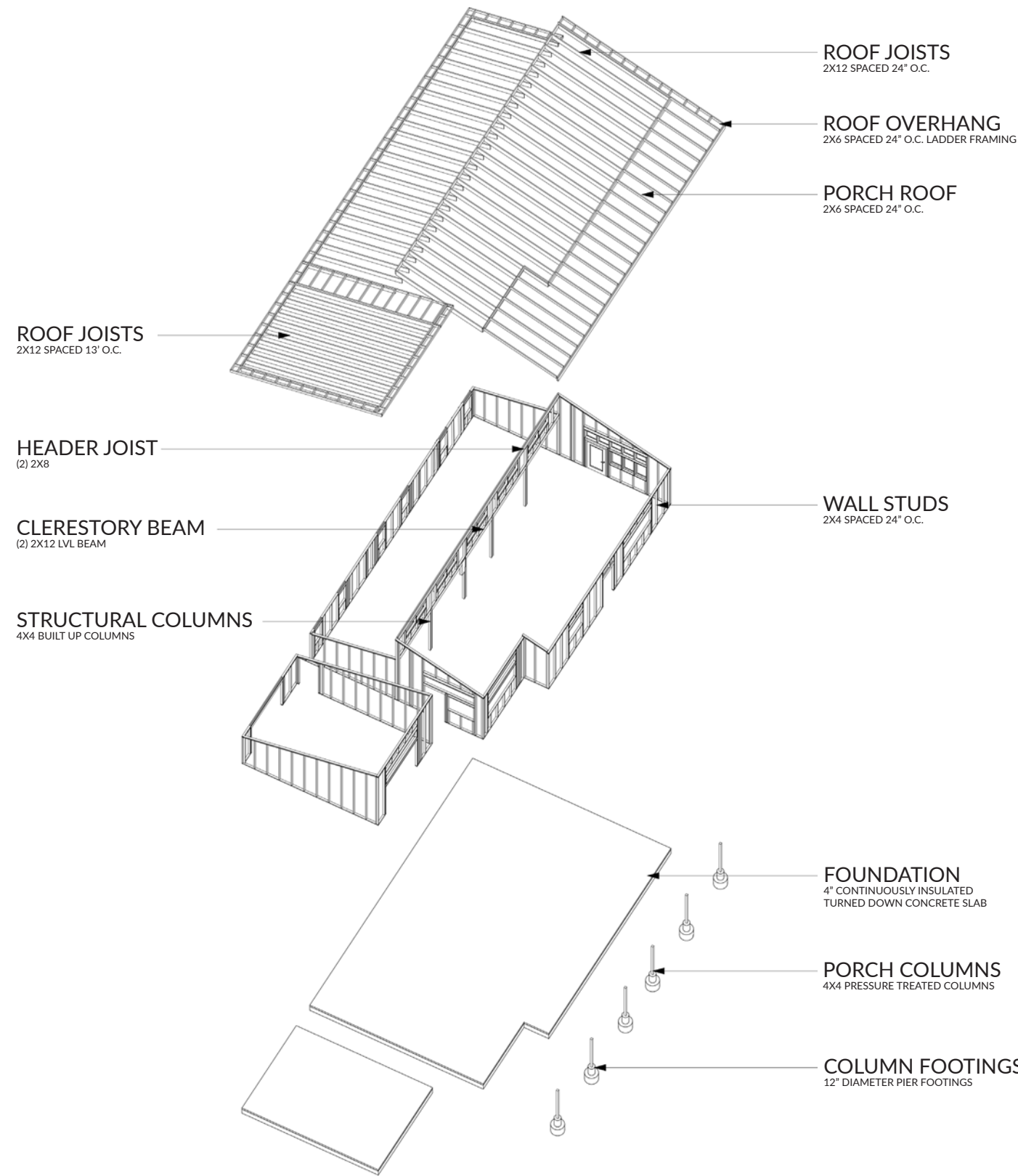
SUNSPACE MUD ROOM



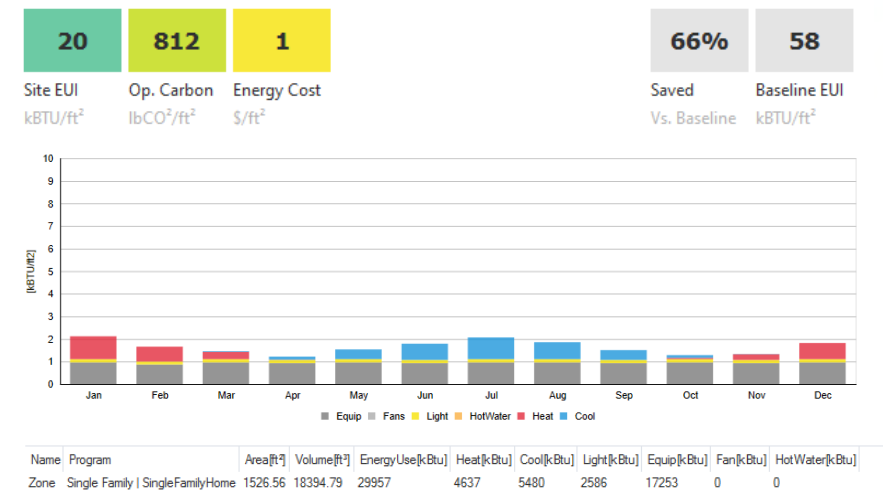
SECTION A-A

HOME AS LIFE

CREATING FLEXIBLE SPACES THAT ALLOW FOR FUNCTIONALITY IN EVERY STAGE OF LIFE



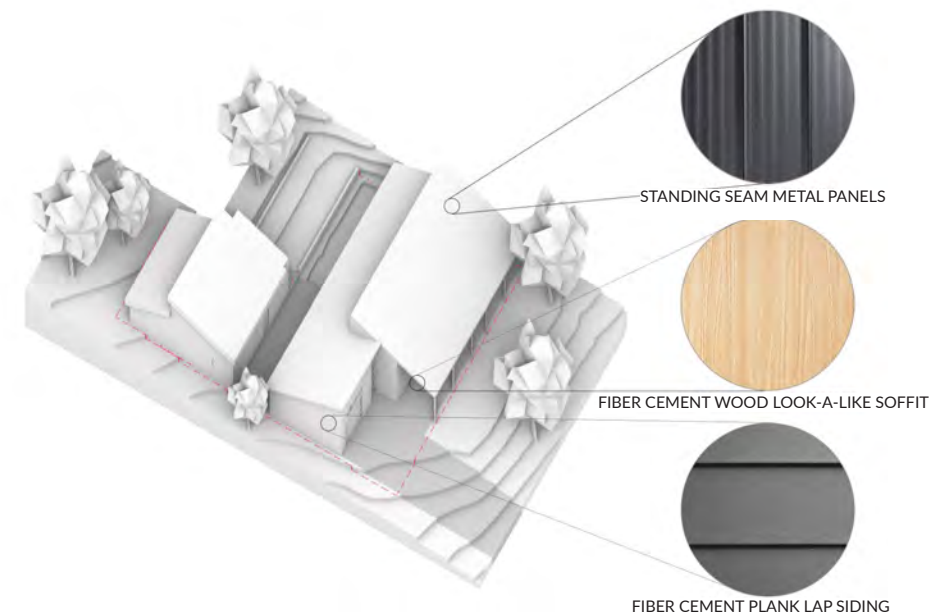
STRUCTURE



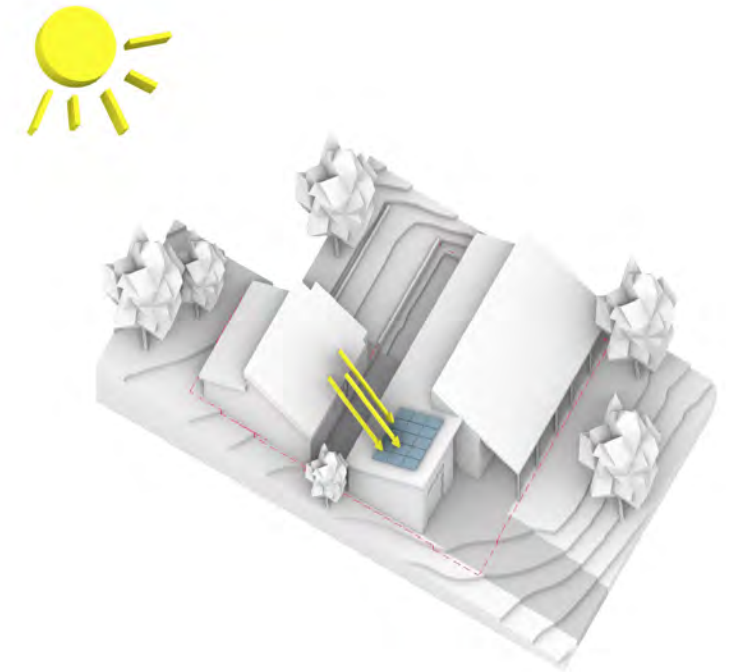
SITE EUI: 20 kBTU/ft² < TYPICAL MIDWESTERN HOUSE EUI: 41.4 kBTU/ft²
 TOTAL ENERGY USE: 29,957 kBtu

(14) 380W PV MODULES

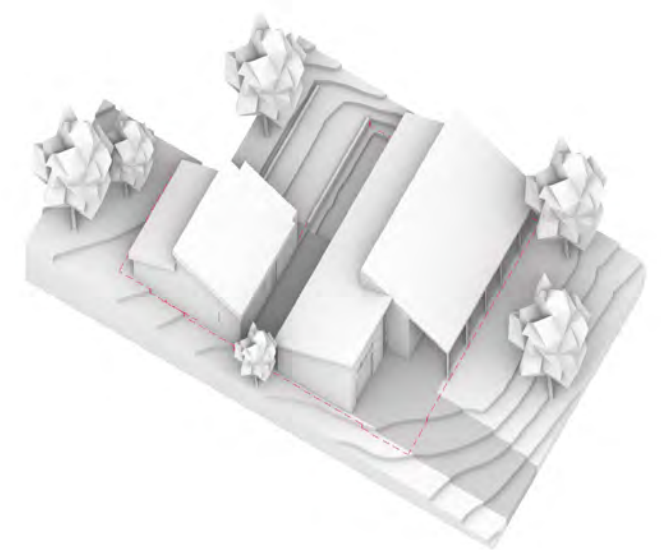
THERMAL ANALYSIS



MATERIALS



SOLAR ENERGY: PV MODULES



FINAL SITE

HOME AS LIFE

CREATING FLEXIBLE SPACES THAT ALLOW FOR FUNCTIONALITY IN EVERY STAGE OF LIFE