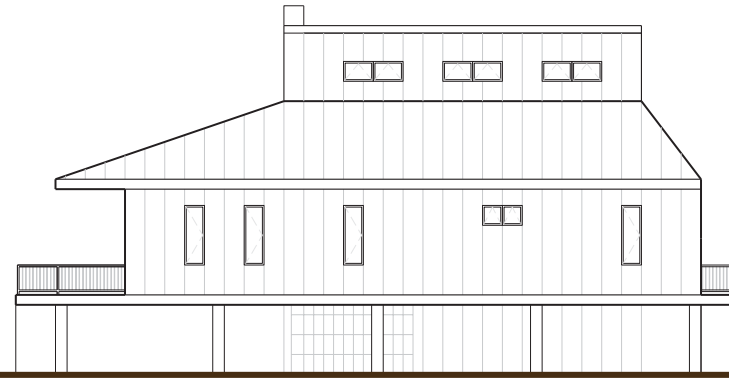


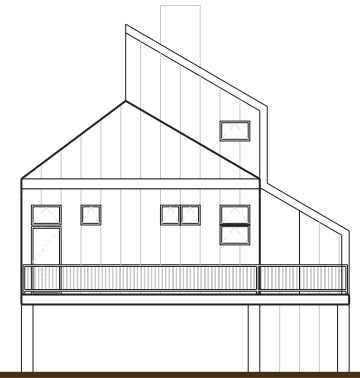
SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

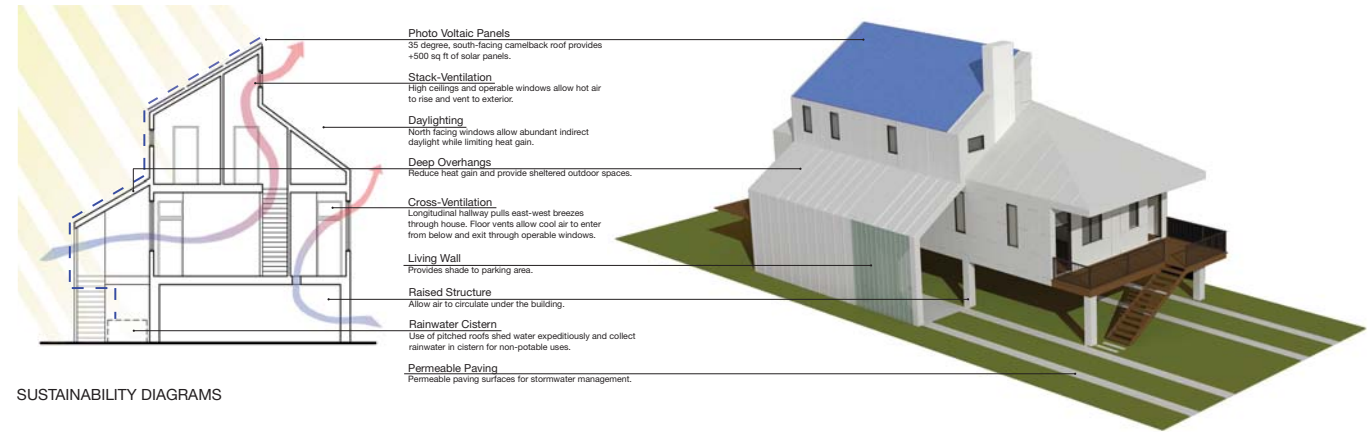


WEST ELEVATION

BUILDING ELEVATIONS
SCALE 1/8" = 1'-0"



3+1 b²



SUSTAINABILITY DIAGRAMS



CONCEPT DIAGRAM

IDENTIFIABLE VERNACULAR

The 3+1 b² House is derived from the juxtaposition of the technological and cultural influences of current times with the functionality of the New Orleans camelback housing style. The 3+1 b² House plan is asymmetrically configured to adapt to primary and secondary family or economic patterning. The second floor plan configuration for this design diverges from traditional placement in the rear to allow for ideal accommodation of alternative energy sources. The double camelback is an ideally suited building style to the project requirements of the MIR Phase II program, lending to the extended family living patterns of this area and also the benefits of economic return. Mandated site adaptations of this style provide additional opportunities for extended living space, secure off-street parking and emergency refuge by lifting the living areas above base flood elevations. Essential to the camelback housing style is the truth that "Community begins at the front porch".

SUSTAINABLE DESIGN

The 3+1 b² House models the latest technology and building planning concepts incorporating alternative energy sources, plumbing and air conditioning systems that reduce water and energy needs and a high-performance envelope system that contributes to low overall power consumption. Key sustainable design strategies will include minimizing southern exposure fenestrations, maximizing northern exposure daylighting, rainwater harvesting, C2C materials selections and use of solar PV panels.

REBUILD SMART

The 3+1 b² House follows this firm's commitment to community preservation, building long-lasting value in our structures and advancement of the art of rebuilding. We look to the community for design inspiration and cultural reinforcement in the design of the 3+1 b² House, facilitating comfortable, contemporary living. The use of low-cost, durable materials and proven construction techniques assures value to returning homeowners. The 3+1 b² House attempts to explore new alternatives to construction efficiency in envelope design and massing simplicity.

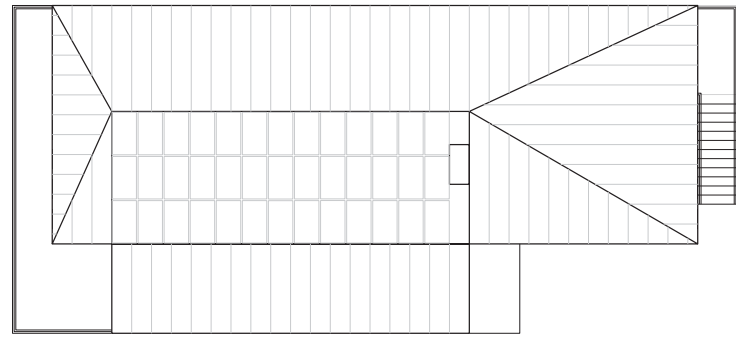
DETAILS

lot: 40' x 105'
total sq ft: 1950
3 bedroom unit: 1400 sq ft
first floor: 900 sq ft
second floor: 500 sq ft
1 bedroom unit: 550 sq ft
finish floor elevation: 8'-0"

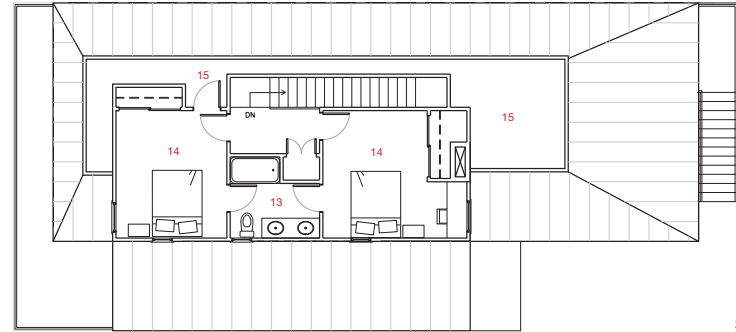
MAKE IT RIGHT



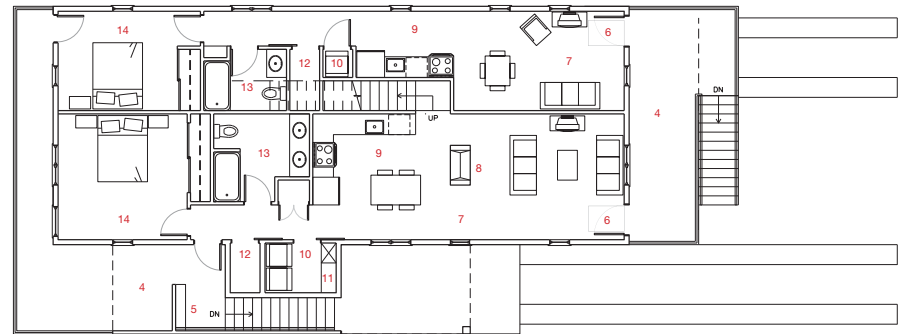
billesarchitecture
NEW ORLEANS, LA



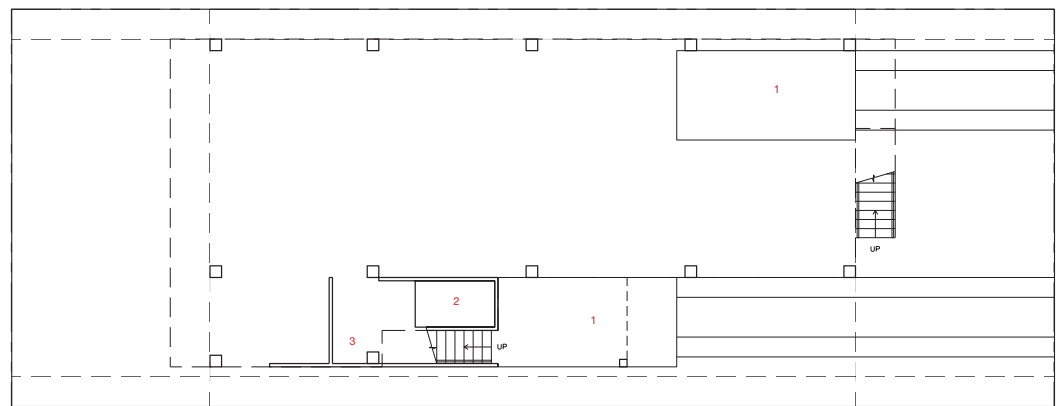
ROOF PLAN



SECOND FLOOR PLAN

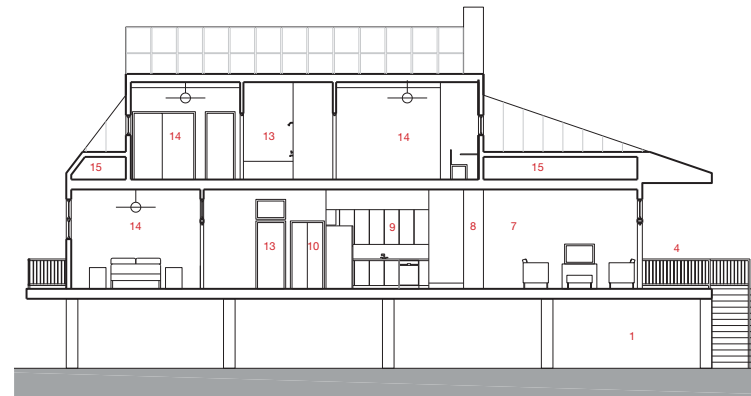


FIRST FLOOR PLAN



FLOOR PLANS
SCALE 1/8" = 1'-0"

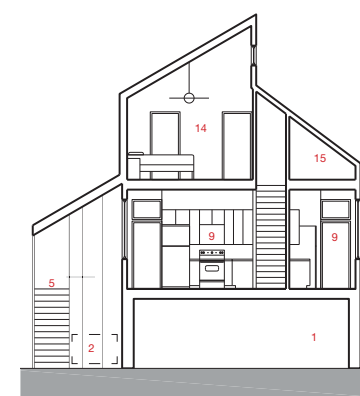
GROUND FLOOR PLAN



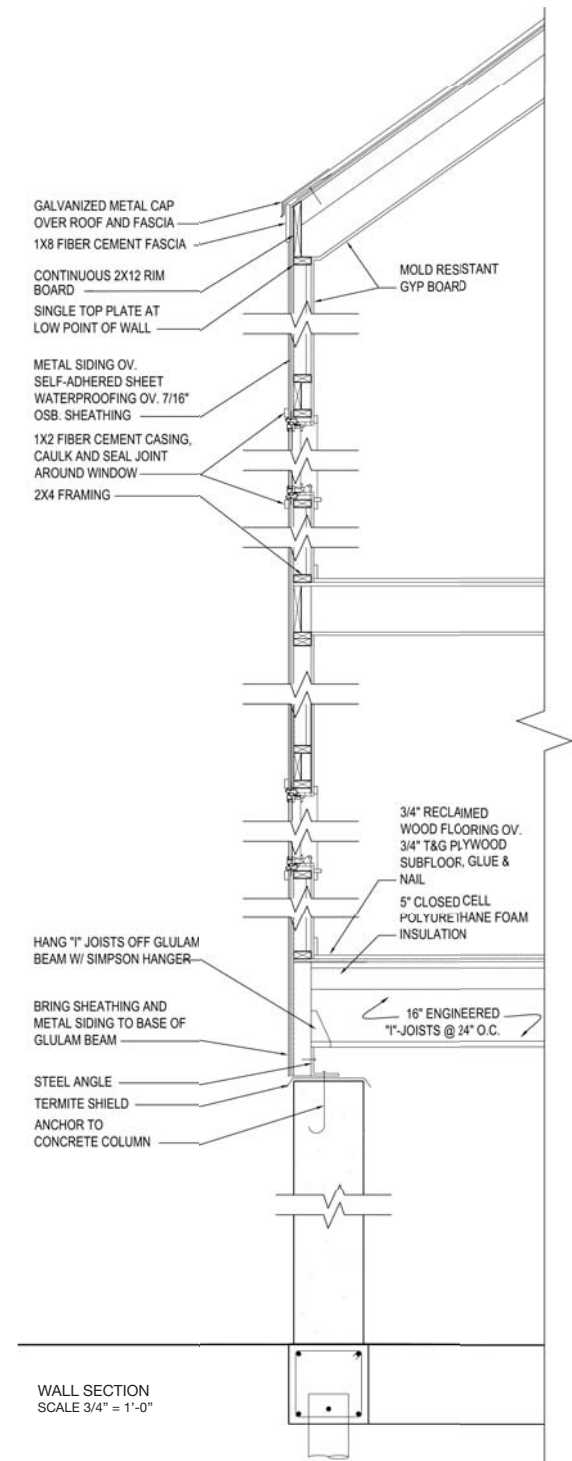
LONGITUDINAL SECTION

BUILDING SECTIONS
SCALE 1/8" = 1'-0"

- | | |
|-----------------|---------------|
| 1 parking | 8 hearth |
| 2 cistern | 9 kitchen |
| 3 storage | 10 laundry |
| 4 covered porch | 11 recycling |
| 5 shoe removal | 12 mechanical |
| 6 walk-off mat | 13 bathroom |
| 7 living/dining | 14 bedroom |
| | 15 attic |



CROSS SECTION



WALL SECTION
SCALE 3/4" = 1'-0"



MAKE IT RIGHT