

rocky mountain modern

private residence [4] unbuilt



concept narrative

The scenery surrounding Boulder, Colorado creates some of the most picturesque landscapes west of the Rocky Mountains, projecting imagery that is mostly seen in oil canvas paintings. The captivating views will leave you breathless, more so than the altitude and thin air ever will. Amongst the rolling hills and lodge pole pines, lies a thriving site with spectacular views in almost every direction; a hidden deciduous oasis just outside the hustle and bustle of an active urban environment. The proposed site on the hillside of the Boulder outskirts invokes a plethora of different design opportunities and challenges that make the building of this house truly unique. Taking cues from the steep topography, native vegetation, and rich vernacular of the area, we are able to seamlessly blend our contemporary design with the surrounding landscape creating a new architectural archetype within the community. Our proposal encompasses traditional Japanese architecture, arts and crafts style construction, and Adirondack style detailing, marrying each type into one cohesive form, and ultimately shaping our final decisions on the proposal.

The building's simple forms are modeled after the local shed structures, incorporating the architectural styles of Japanese joinery and space planning. The house sits as two separate structures, (The Garage Suite & the Main Suite) that are only joined by the circulation through the site and the integration of the landscape itself. The forms of the two structures mirror each other as they cascade down the rocky hillside, pitching towards the differing mountain vistas. The garage suite projects upward and outward establishing a clear and defined entryway into the home, while the main suite matches the slope of the land, almost becoming one with the terrain as it lifts from the site facing the tree line of the land below. The house is supported by large stone walls which flank the outer edges of the structure and penetrate the walls of the home generating unique interactions between the occupants and the house itself. The strong use of local materials and topographic site work grounds the house onto this site merging it with the landscape.



south perspective



courtyard [from north]



future greenhouse

driveway / entry

garage entrance

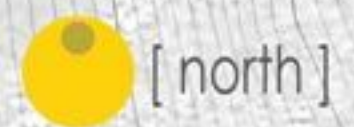
main entrance

existing boulders

southeast view

maintain existing drainage

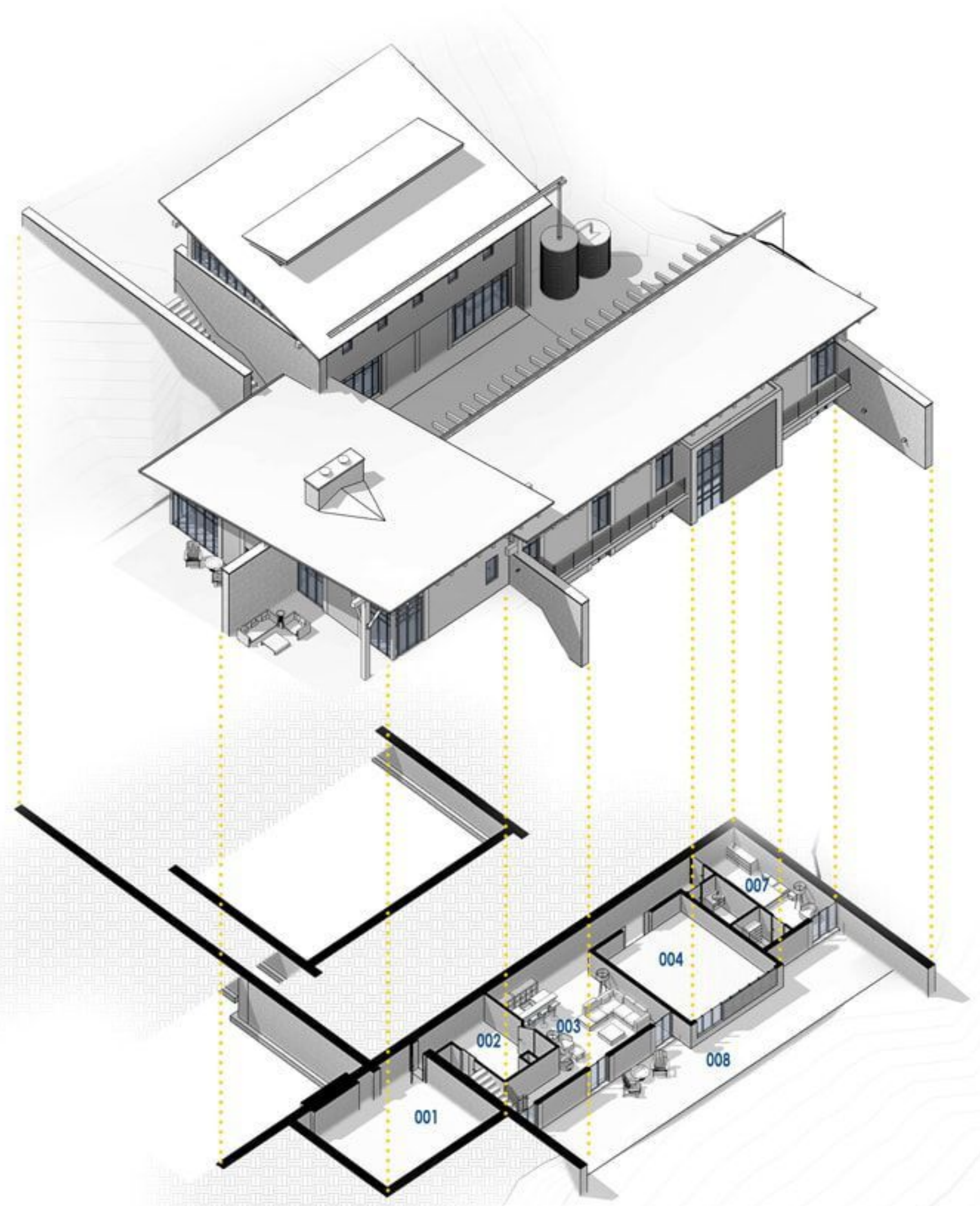
future pond site



[north]

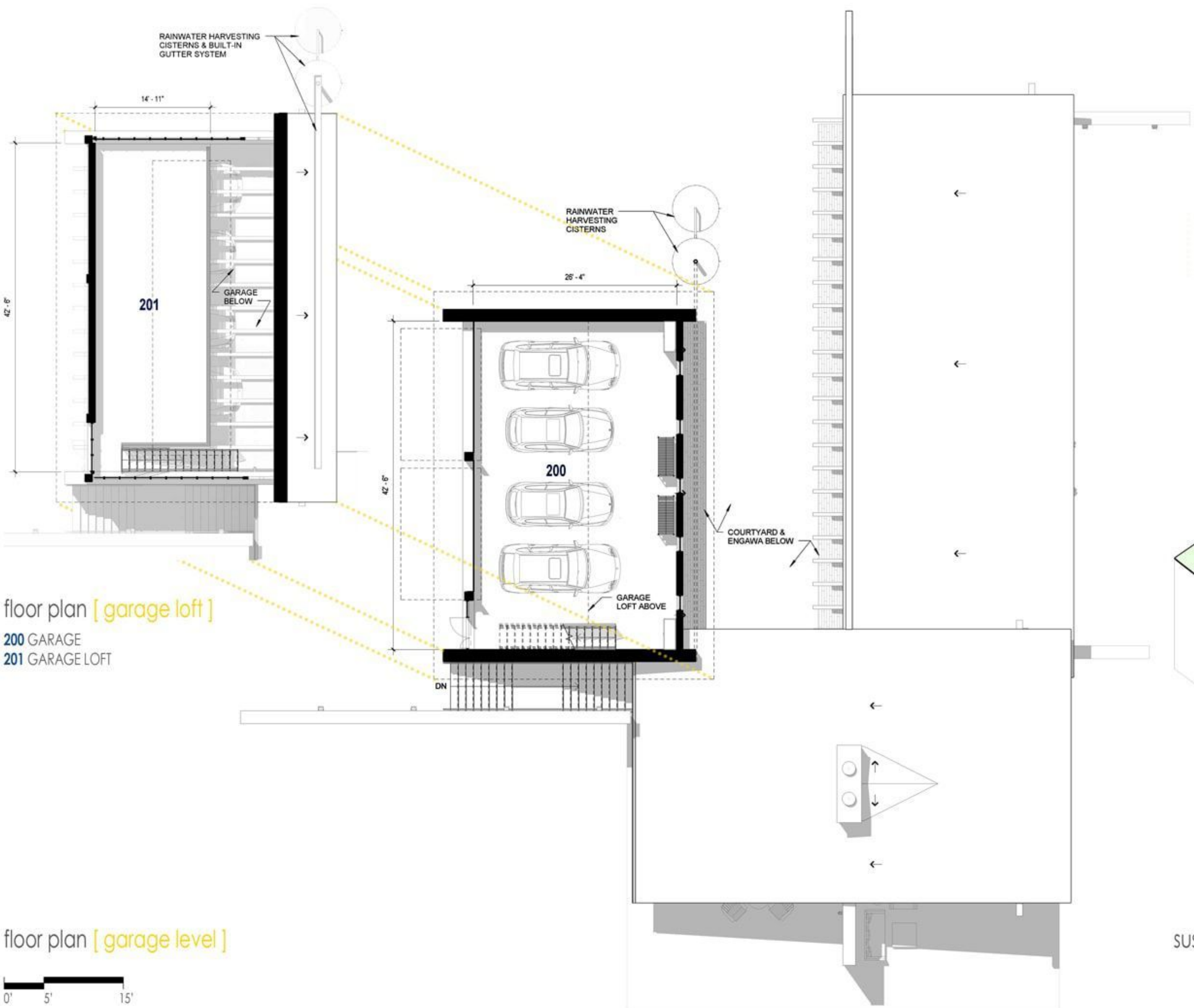


- 001 STORAGE / MECH./ PANIC
- 002 LAUNDRY ROOM
- 003 LIVING ROOM
- 004 YOGA ROOM
- 005 BATHROOM
- 006 CLOSET
- 007 BEDROOM
- 008 BASEMENT PATIO



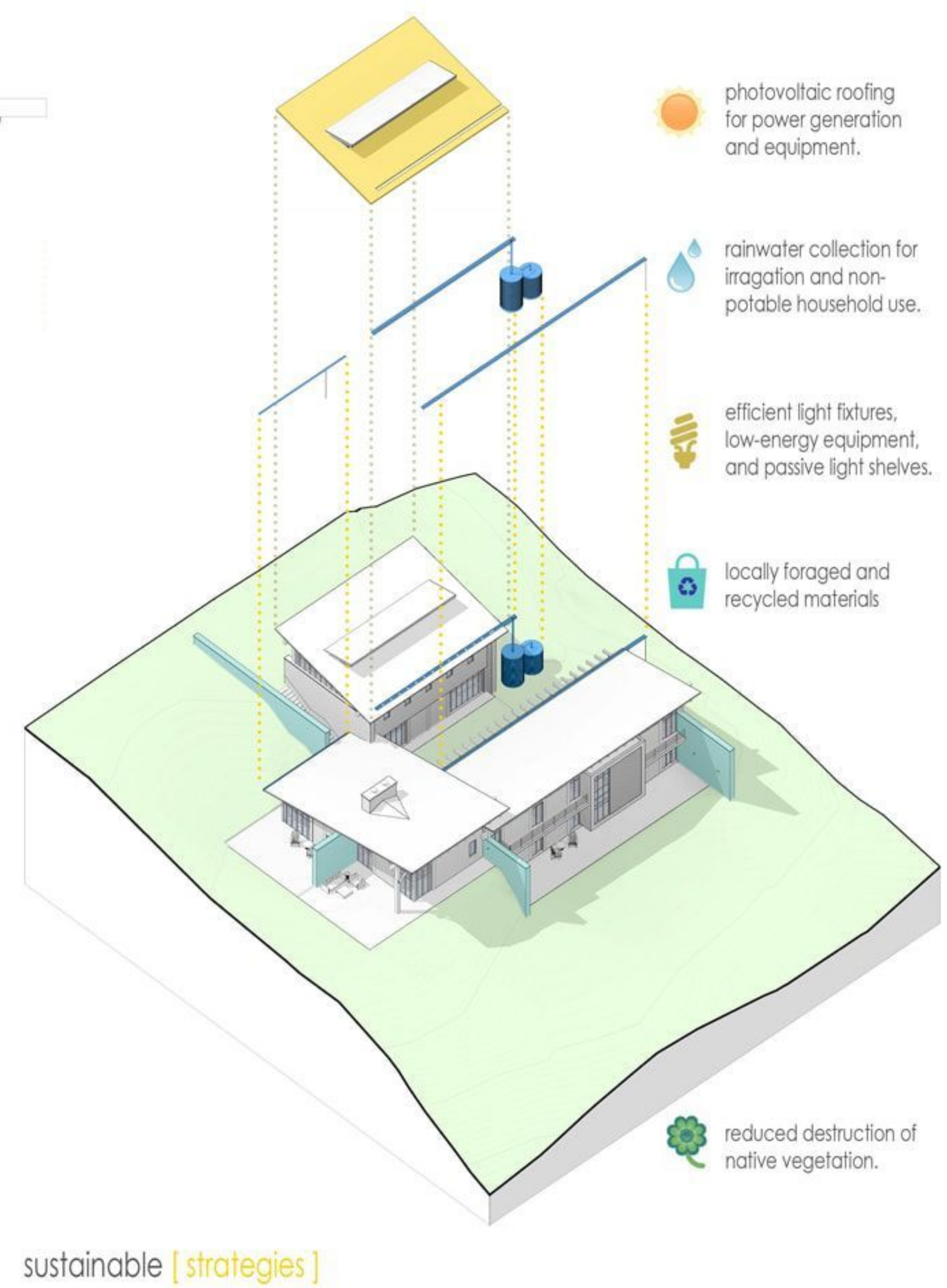
floor plan [basement level]



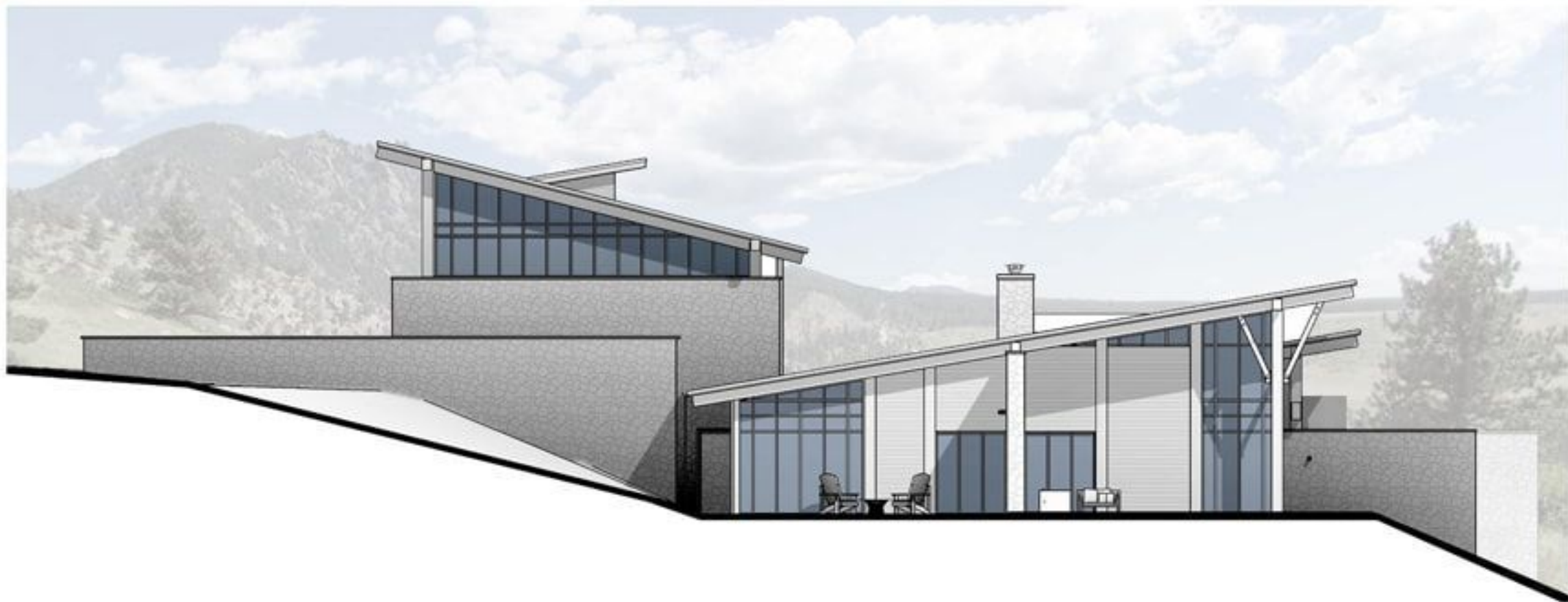


floor plan [garage loft]
 200 GARAGE
 201 GARAGE LOFT

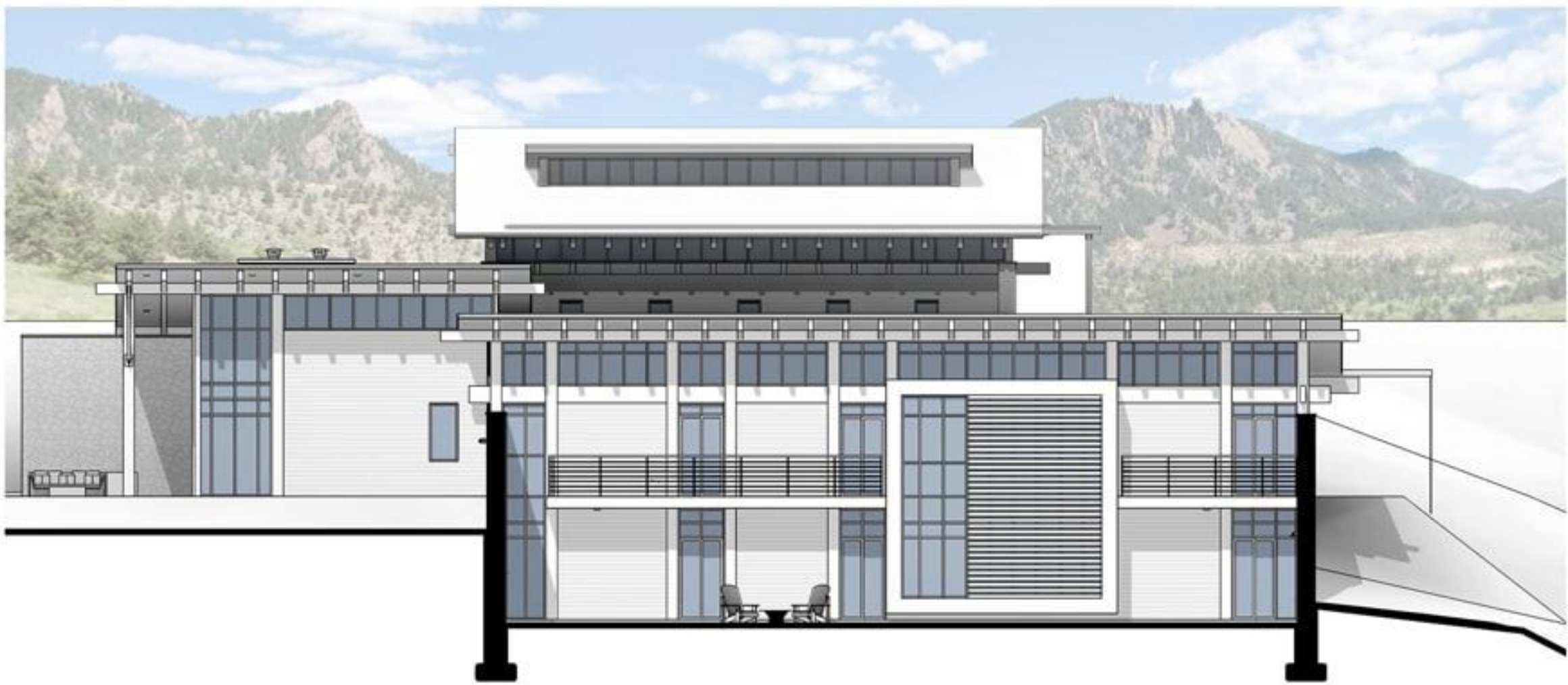
floor plan [garage level]
 0' 5' 15'



sustainable [strategies]



exterior elevation [south]



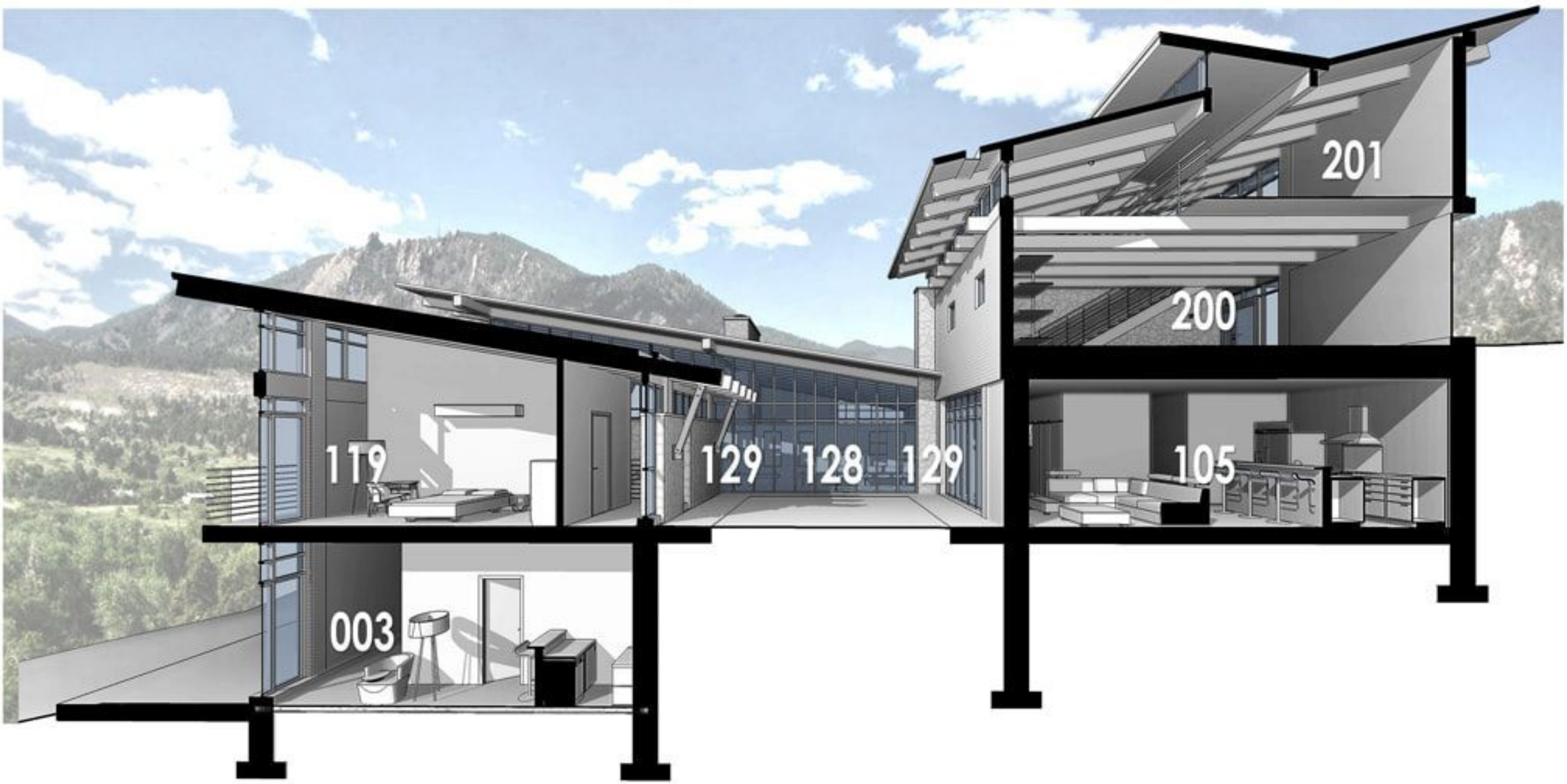
exterior elevation [east]



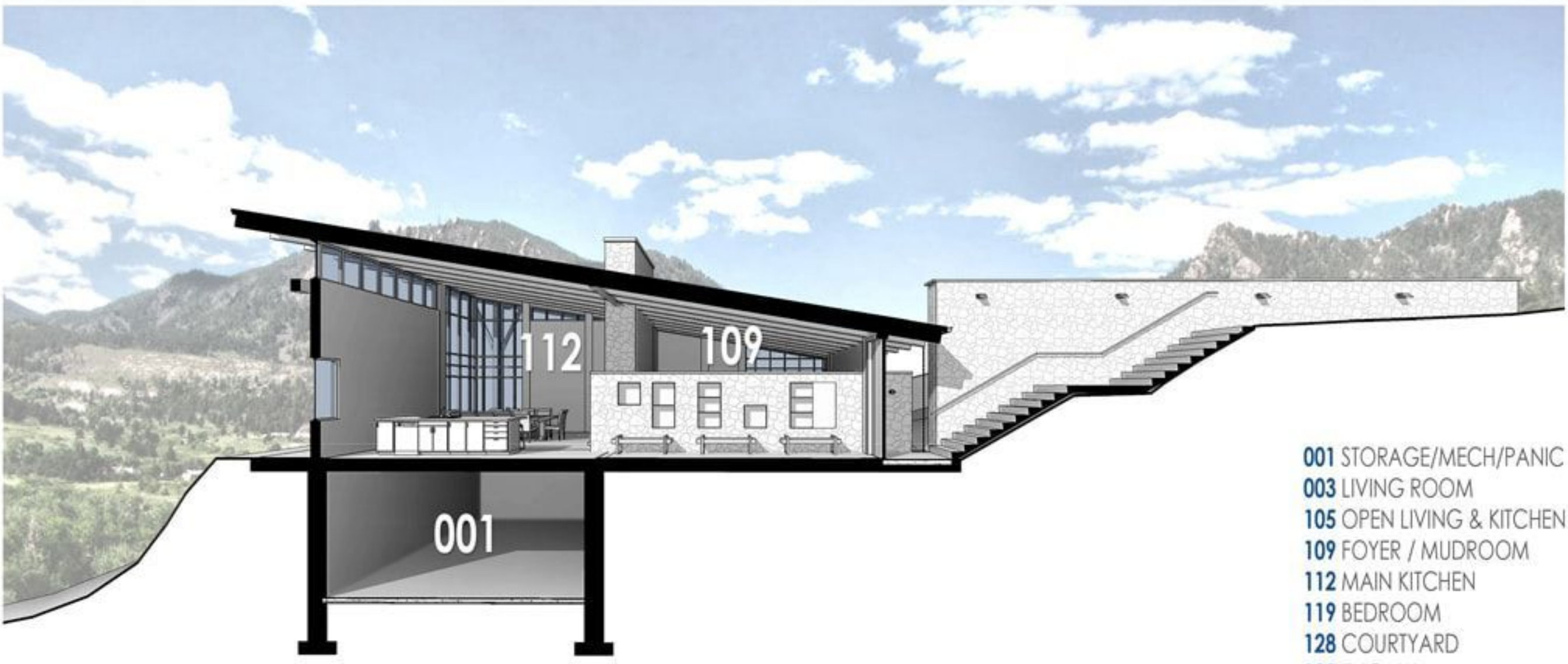
exterior elevation [north]



exterior elevation [west]



building section [perspective]



building section [perspective]

- 001 STORAGE/MECH/PANIC
- 003 LIVING ROOM
- 105 OPEN LIVING & KITCHEN
- 109 FOYER / MUDROOM
- 112 MAIN KITCHEN
- 119 BEDROOM
- 128 COURTYARD
- 129 ENGAWA
- 200 GARAGE
- 201 GARAGE LOFT

structurally insulated panel (SIP) roof with fire-resistant slate tile finish (class A fire rated)

heavy timber framing for a highly fire-resistive structure

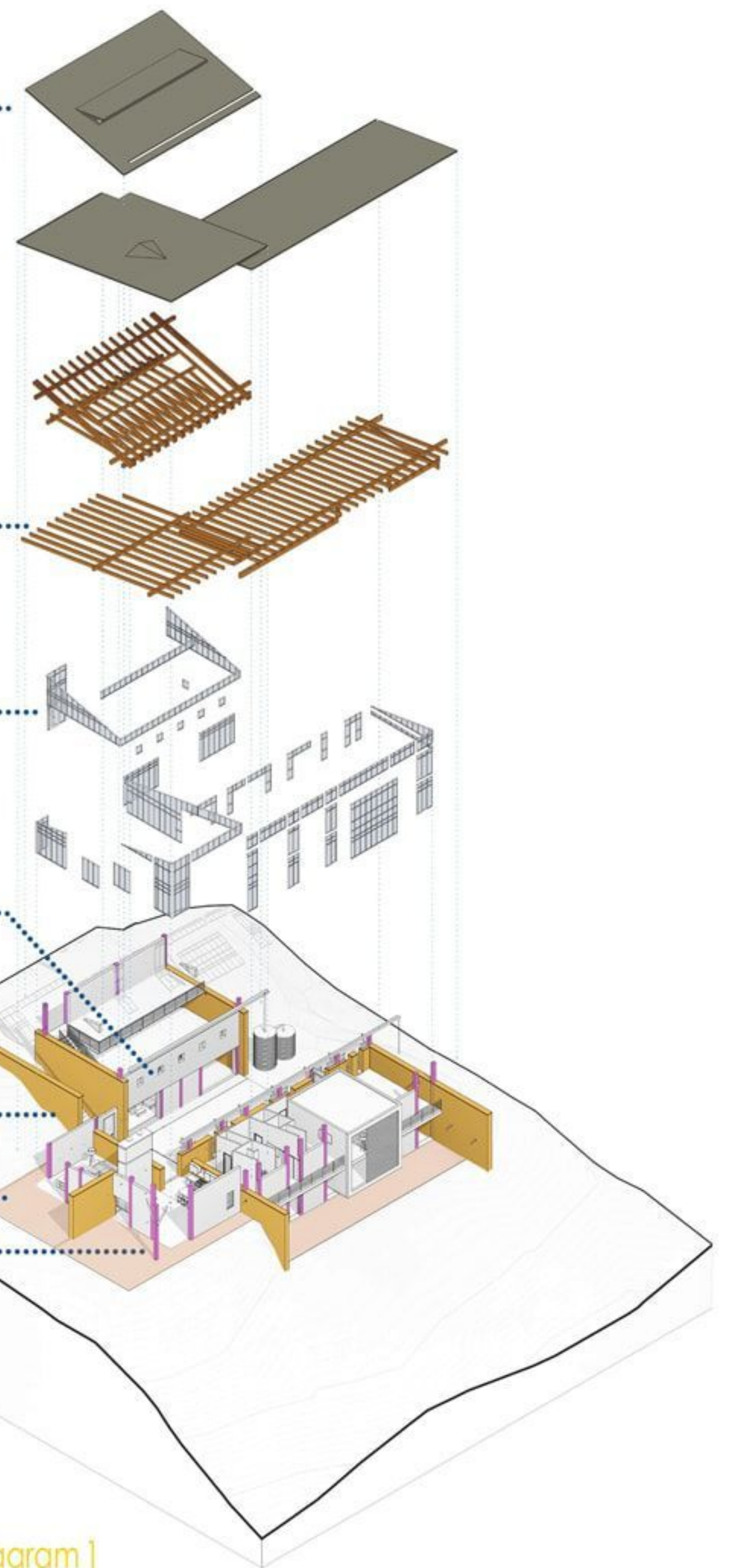
low-e, double glazed windows with fire shutters where require. glass width minimized for safety against fire cracking

a606 steel siding resembles lodgepole pines, reflects the natural surrounding, and has fire-resistive properties

stone bearing/retaining walls act as passive fire barriers

masonry/concrete patio fire barrier
fire-resistive heavy timber columns

structural systems / fire resistance [diagram]



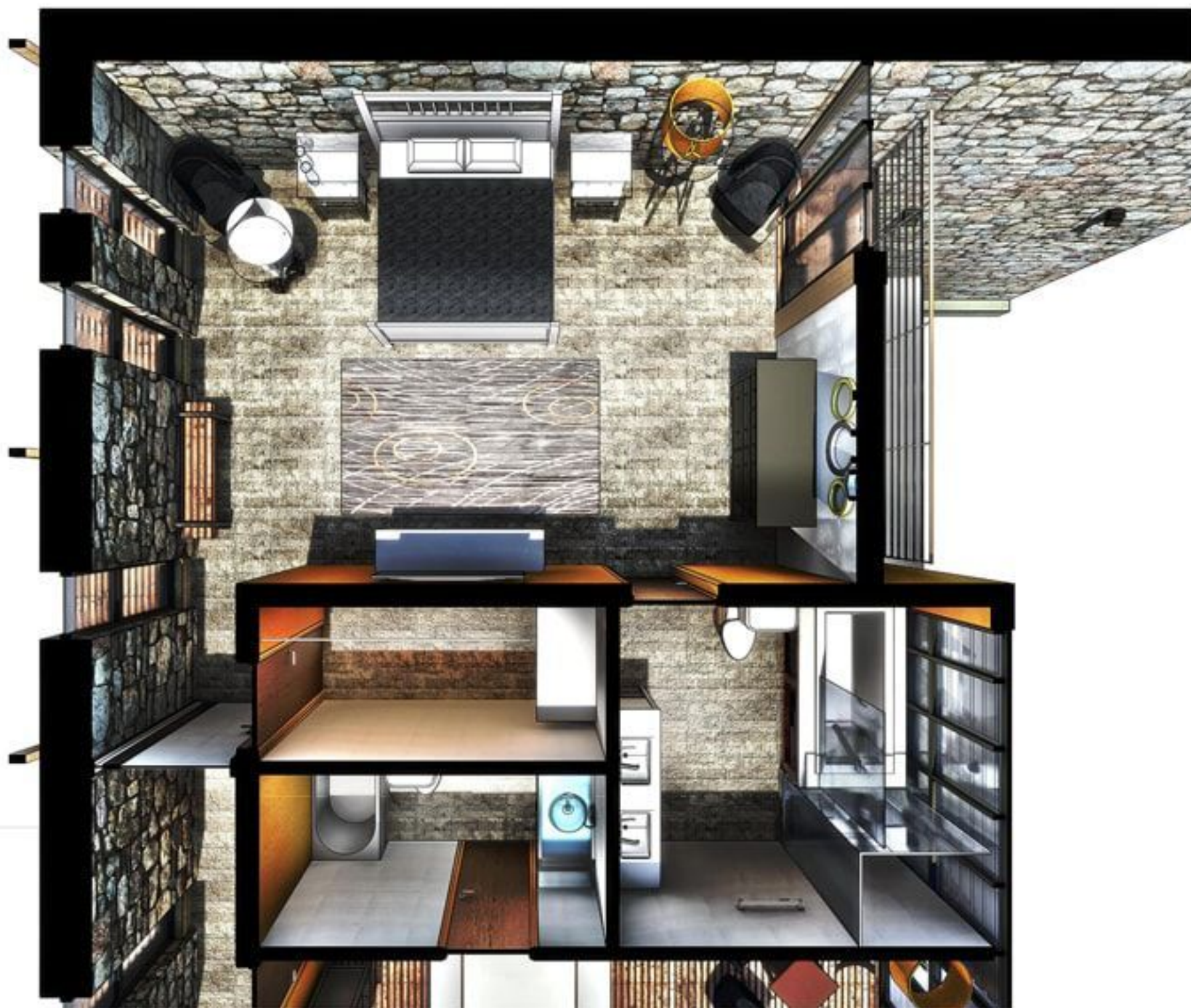


main entry



foyer / mudroom



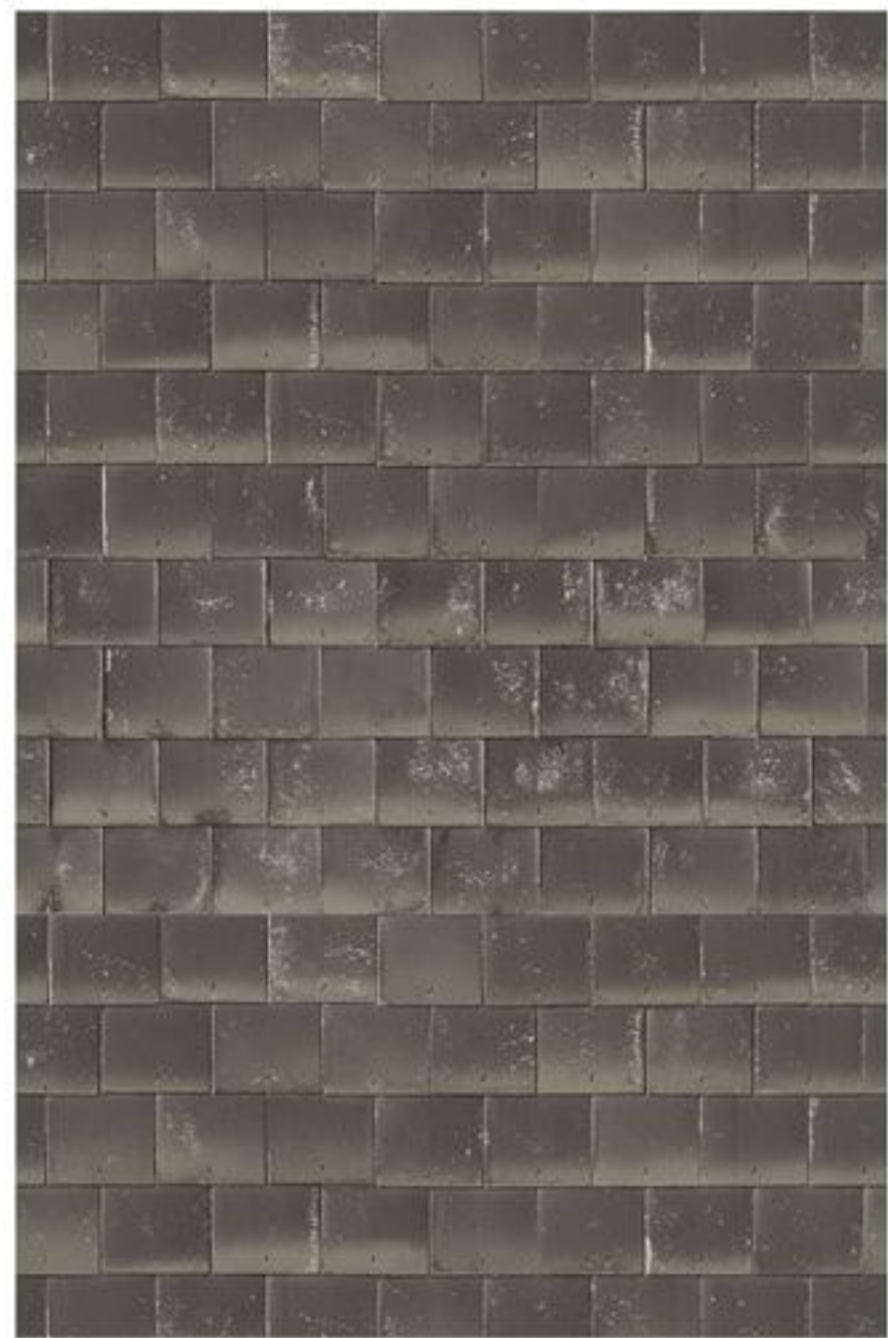


master bedroom [details]





yoga room - facing southeast



southwest perspective

