

Program Summary:

A single-family residence including 3 bedrooms, 2 ½ baths, and single car garage. A second-floor open loft is provided for the client's hair studio.

Program Statement:

This residence occupies a 75' x 150' infill lot shaped by the presence of a mature magnolia tree located in the northeast quadrant, 20 feet from the street. The design responds to this condition, organizing the home around the tree while preserving its prominence. A simple, flowing plan separates public and private zones, balancing active living spaces with secluded sleeping areas. A loft above the kitchen and dining area accommodates the client's hair studio, integrating workspace within the home while maintaining spatial efficiency. To preserve the magnolia, the bifurcated plan shifts southwest, allowing the structure to settle around the tree rather than displace it. A continuous shed roof extends from the eastern sleeping zone upward toward the west, creating volume for the loft and transitioning into a single-car carport along the west façade. The corrugated metal roof folds down along the east and west elevations, reinforcing the building's form while contributing to passive solar performance. Openings are oriented north and south, paired with overhangs that create shaded front and rear porches while protecting interiors from direct sun. Material selections reflect both economy and clarity. Black-painted cement board siding frames openings within the folded metal envelope, while a restrained black-and-white interior palette reinforces the project's minimalist intent. Black-washed antique heart pine is used for loft flooring and stair treads, introducing warmth and texture within an otherwise disciplined material.

R300.01

Building Area: (sf)
2,600 SF

Cost per Square Foot:
\$162

Construction Cost
\$420,000

Date of Completion:
July 2025



R300.02

An infill home on a vacant lot expresses the owner's modern spirit. The home's namesake, a stately magnolia tree, served as the key design feature. The north-facing street façade is wrapped in a folded metal roof and wall planes protecting the front porch. The magnolia frames the entry.

R300.03

The vacant lot sits between two existing homes and measures 70' × 150', with the north façade facing the street. A large, stately magnolia tree anchors the northeast corner, located 20 feet from both the north and east property lines. The house is set back from the street to avoid the tree's drip line, with the private wing offset an additional 10 feet from the tree. A shed roof structure accommodates a loft with a hair design station, while also creating volume above the living room.

FIRST FLOOR PLAN



- | | |
|--------------------|--------------|
| 1 GARAGE | 11 BEDROOM |
| 2 LIVING ROOM | 12 CLOSET |
| 3 KITCHEN | 13 HALF BATH |
| 4 DINING ROOM | 14 LOFT |
| 5 PRIMARY BEDROOM | 15 HALF BATH |
| 6 PRIMARY CLOSET | |
| 7 PRIMARY BATHROOM | |
| 8 LAUNDRY | |
| 9 BEDROOM | |
| 10 BATH | |



R300.04

The folded roof and wall plane rises from the east (the home's private side) toward the west, with corrugated metal protecting against harsh solar angles. Generous glazing along the covered north and south façades provides both interior and exterior views throughout the public areas, while also allowing for cross-ventilation.



R300.05

The north façade captures views of the magnolia tree and other native plantings, reinforcing the home's material palette of vertical corrugated metal and charcoal gray horizontal siding. The tree informs the color scheme through its dark branches and yellow-green foliage. The exterior skin was selected to accommodate a modest budget.





R300.06

The northeast corner, offset in plan to protect the magnolia tree, incorporates a folded metal wall with a vertical screen to shade the front porch. The detail highlights the exterior skin's material palette, combining vertical, horizontal, and a random palmetto mixture.



R300.07

The south façade mirrors the north fenestration, creating a north-south see-through condition. The primary bedroom's offset in plan is expressed through the folded metal roof and wall forms. The back porch extends the kitchen and dining areas outdoors and is protected by the west-facing folded roof plane. The single-car garage allows for year-round maintenance and drive-through access.



R300.08

A minimal interior design concept is carried throughout, featuring a palette of black, white, and yellow-green. The shed roof volume is braced with exposed collar beams that include recessed uplighting. A simple material palette, including polished concrete and drywall, supports the project's modest budget, while yielding to the colors expressed from the client's extensive art collection.





R300.09

The studio loft overlooks the living area above the kitchen and dining spaces beneath the shed roof form. The loft stair is concealed behind a half wall before becoming exposed above, featuring black-washed, recycled wood vertical balustrades. The stair rail design relates to the home's exterior design elements. These views reinforce the north-south visual openness.



R300.10

Beneath the loft stair, a music nook is tucked across from the fireplace. Both spaces feature a black-and-white palette with yellow-green accents. The wood railing detail creates a veiled valance above the nook while allowing views into the kitchen and dining areas. The design was inspired by the hair designer's combs.





R300.11

The primary bedroom features south-facing, private views into the rear yard. A modest modern palette includes a custom-designed bed by the architect. The shed roof form is expressed at the ceiling.

The primary bath maintains the home's color scheme, including a black accent wall that punctuates the white vanity top and fixtures. The view from the bath into the bedroom captures the interior–exterior relationship through the south-facing windows. The double exterior wall construction at the metal folds allows for art alcoves in the bedrooms.





R300.12

The primary bath maintains the home's color scheme, including a black accent wall that punctuates the white vanity top and fixtures. The view from the bath into the bedroom captures the interior–exterior relationship through the south-facing windows. The double exterior wall construction at the metal folds allows for art alcoves in the bedrooms.

R300.13

The hair artist requested a studio space as part of the design. By utilizing a simple shed roof form, sufficient volume was created to accommodate a loft stair near the front door, providing easy access to a loft that overlooks the living area while remaining separate. The half bath is punctuated with a yellow-green accent, and the railing design is inspired by the teeth of combs and hair. The collar beam doubles as structural support and light fixtures.

