

Porches House



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On the Boards

Single-Family Residential

Remodel and Addition

1,745 SF Conditioned living space

1,300 SF Non-conditioned living space

This 1930's 2 bedroom/1 bath bungalow had been picked up and moved down the coast, set down backwards on communal land, to become the warm-season home for a family of sailors. Serving as home-off-the-water for up to 17 members of 3 generations of the family plus friends and guests – yes all at once – the 1,030 sf house, in the Owner's words, "gets crowded".

The decision to make it a year-round homestead while keeping the public life of the house necessitate the addition of private quarters for the Owner and a bunk loft.

Life for this family happens outside in the Texas heat. Engaging the persistent south-south-east sea breeze, movement of sun and shade, and afternoon summer thunderstorms drive the form, organization, and materiality of this renovation/addition. Complimenting the modest character of the existing structure and managing an appropriate budget are important.

The residence sits on a private land trust in a community organized around shared outdoor space. Communal gathering is important. The addition of porches and stoops allows the home to turn outward to the community, engaging public space.

Adding 900 sf of screened porches, replacing the existing 300 sf porch, and creating a central breezeway aligned with prevailing wind reconceptualize this house as a double-dog trot. Corrugated metal roofing over the porches turns rain into a veil and amplifies the experience of summer storms.

With the completion of the addition in 2021, the home will support joyful communal, family, and private living centered around community and climate.

Project Location

Houston

Trinity Bay





Existing
North Elevation



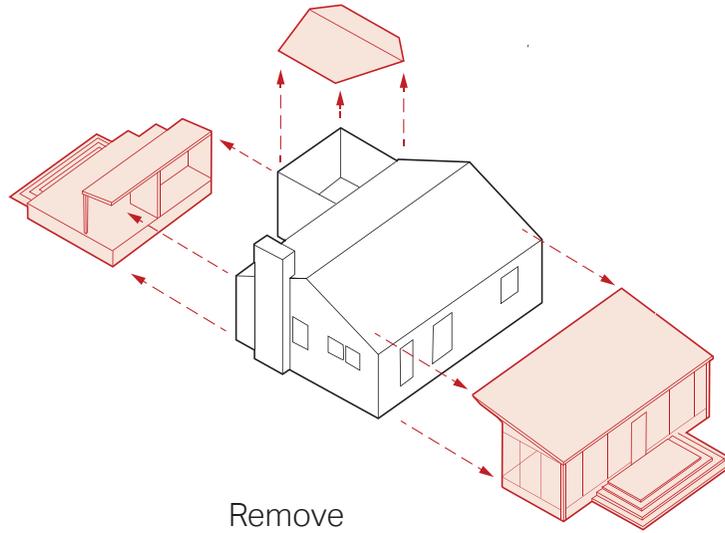
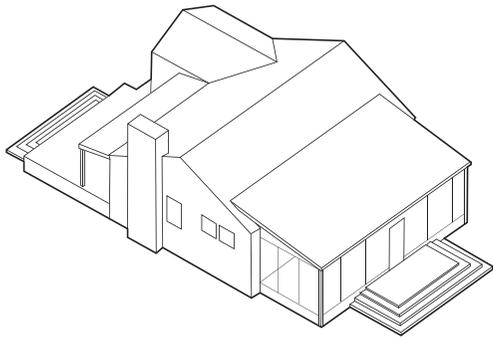
Existing
East Elevation



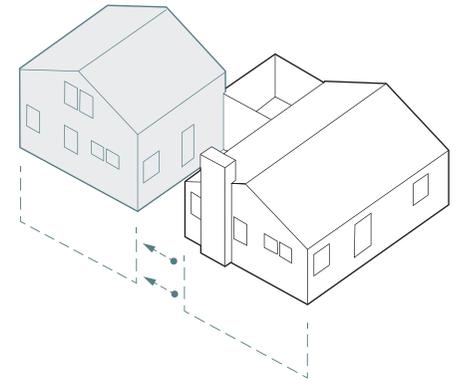
Existing
South Elevation



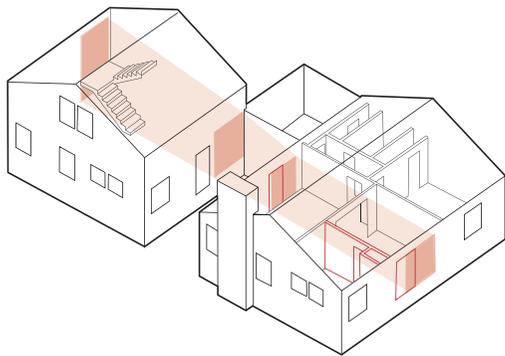
Existing
West Elevation



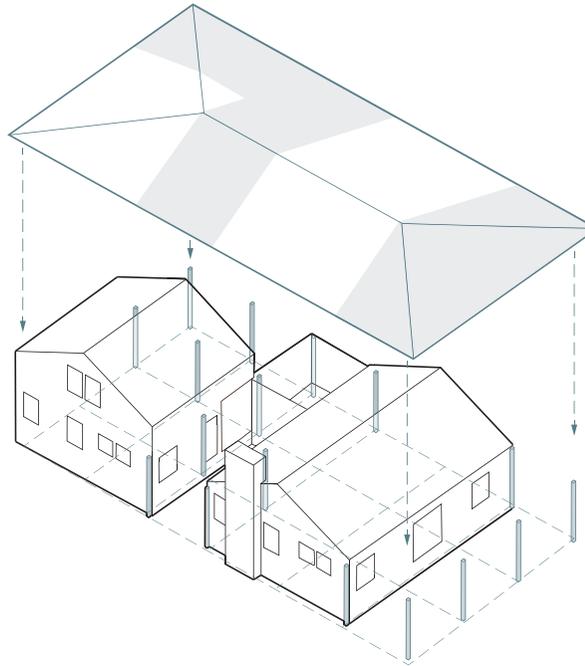
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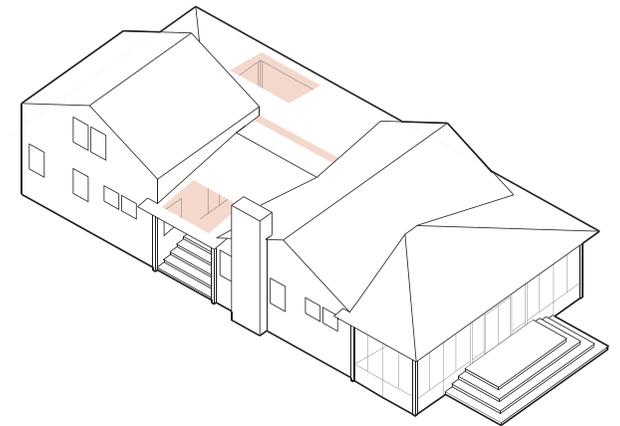
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Align



Connect

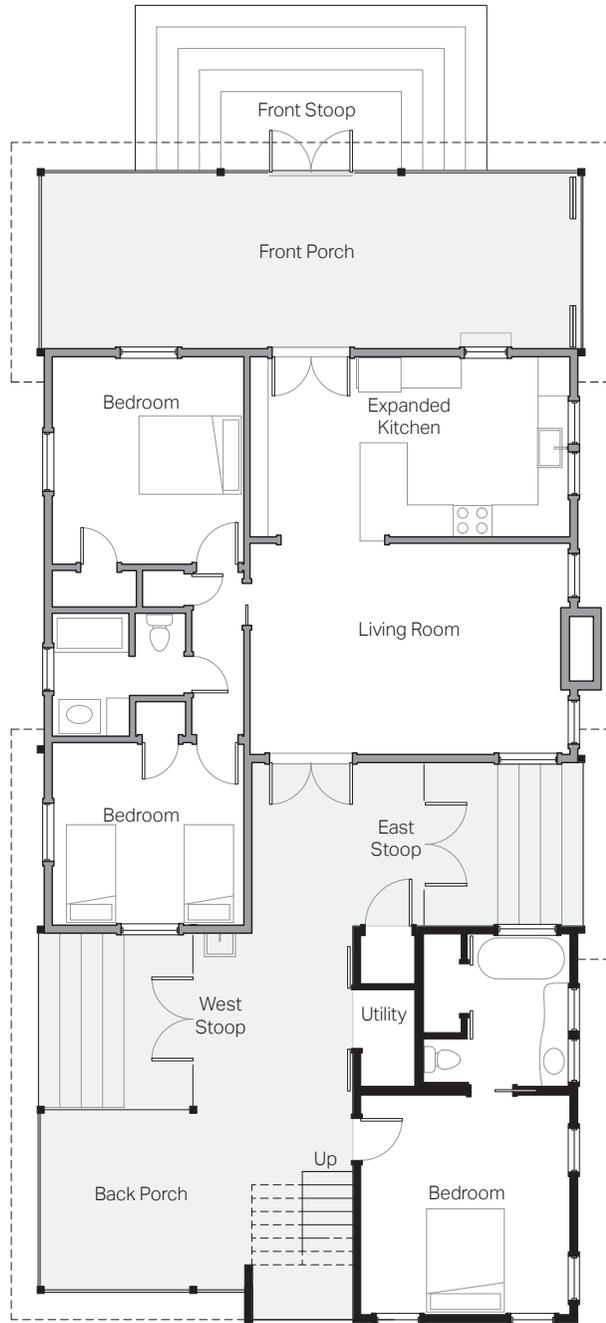


Open

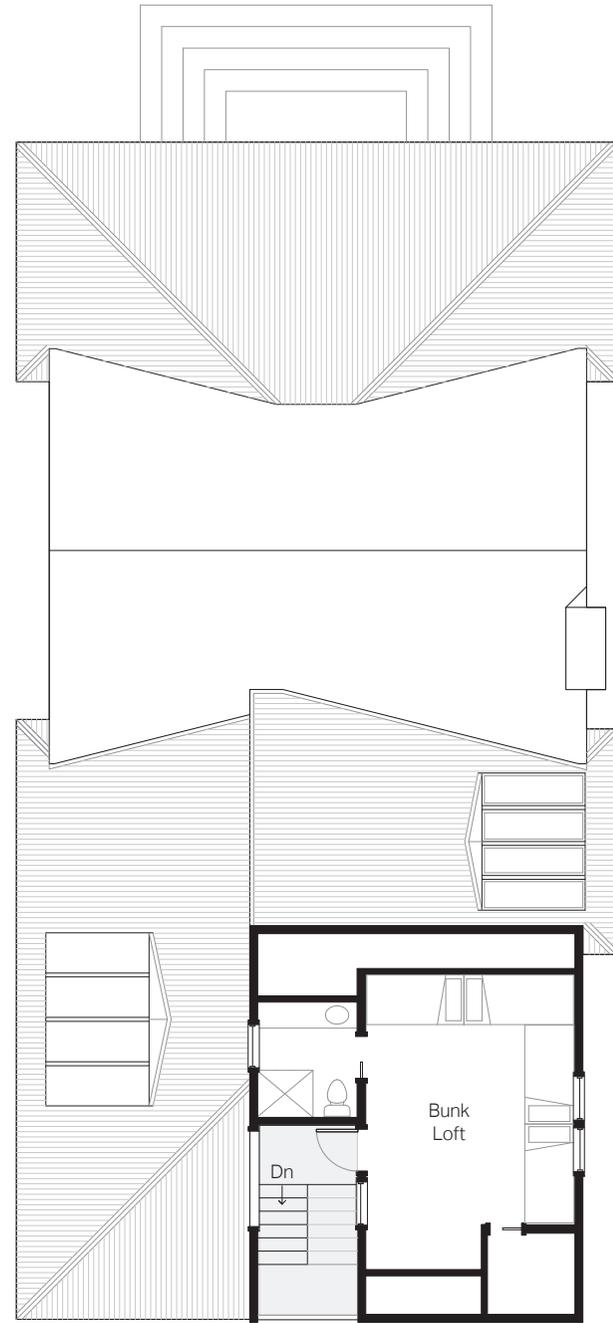
New Porch
& Stoop

Existing
Structure

Addition

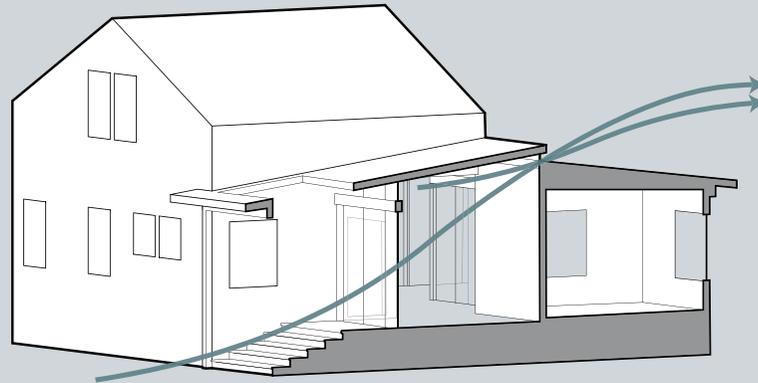
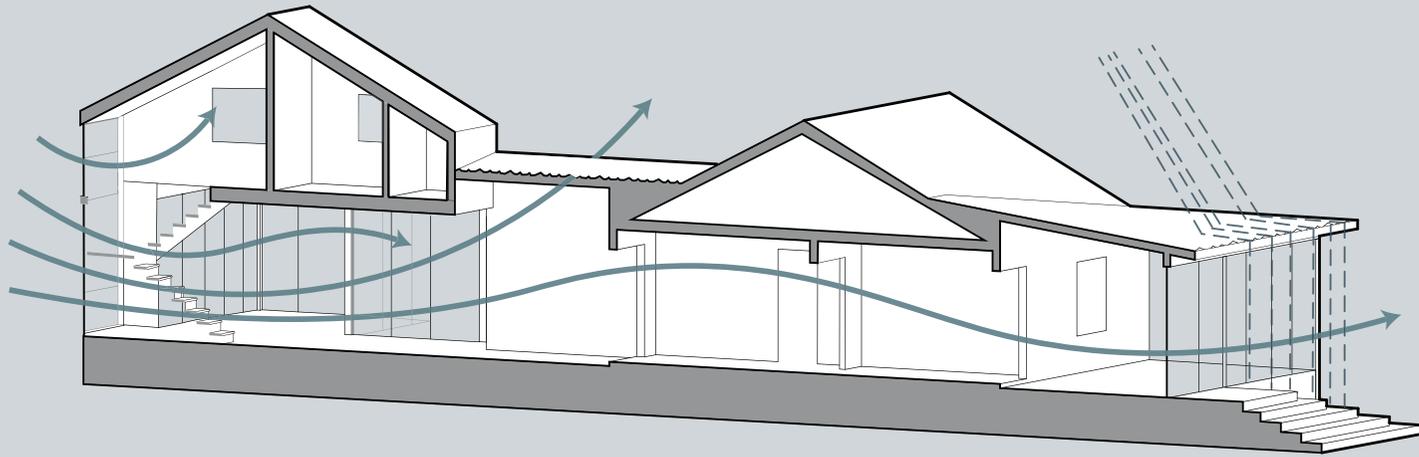


First Floor Plan



Loft Floor Plan





Breezeway

The central axis of the existing home and addition align directly with the prevailing south-south-east seabreeze.

Openings in the existing residence are relocated and widened to align with the new breezeway connecting the addition to the existing home. The breezeway terminates at the south at an open stair, funneling wind into the structure.

Stoops

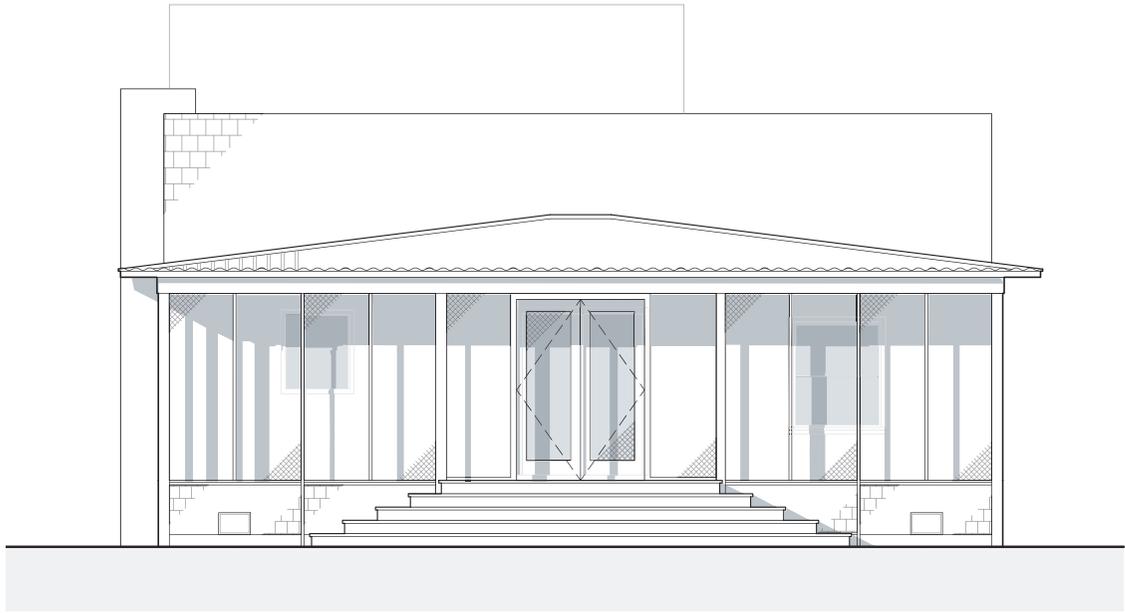
East and West stoops perpendicular to the breezeway serve to connect the home across the property and allow for natural light and cross ventilation to enter adjacent interior spaces.

Broad and deep steps face communal outdoors spaces on three sides of the home and serve as sheltered seating.

Roof

A low-pitched corrugated metal roof with deep overhangs unifies the outdoor living spaces. An open fascia detail without gutter or formal drip edge allows rain water to cascade from the roof in rivulets, creating a veil around the porches in a storm. The water falls into a gravel strip at the perimeter of the house and is collected in a french drain system.

The sound of the rain on the roof will amplify the experience.



North Elevation

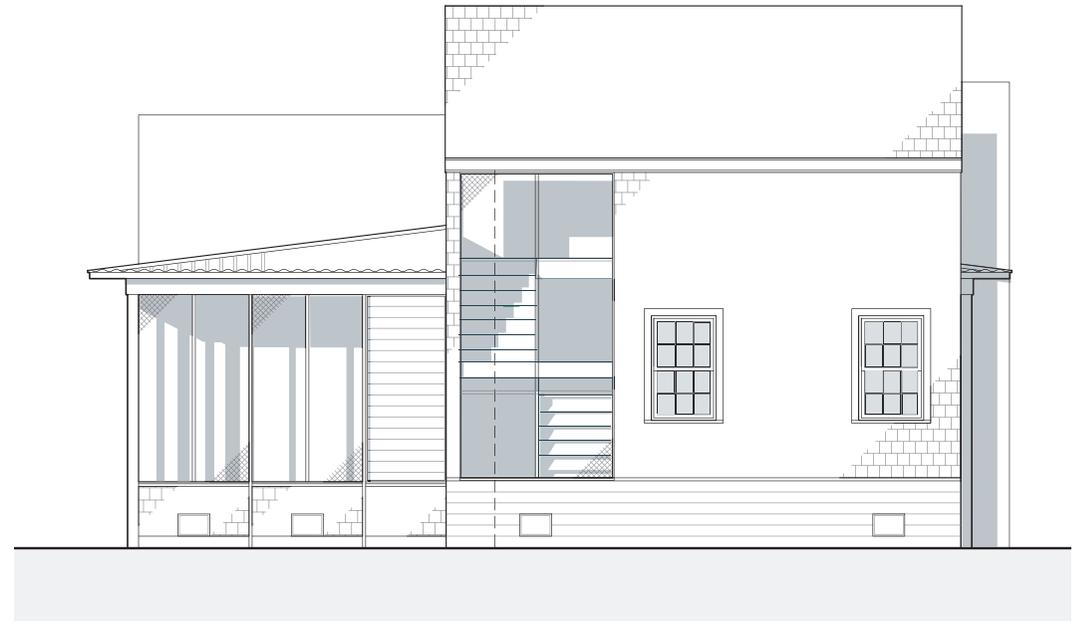


Addition

Existing Structure

New Porch & Stoop

East Elevation



South Elevation



West Elevation