

Canvas(s)

Construction Strategy
The promise of component construction - SIPs, ICFs, modular, etc. - has been shorter timelines, construction efficiency, and higher quality at lower prices. These potential benefits may outweigh the assets of stick-built homes, yet these systems have failed to become mainstream in American construction. This is partly due to the need to transform entire industries and project delivery methods.

This entry proposes components, yet unlike aforementioned systems, it adopts norms familiar to architects, designers, and builders. Wood trusses offer broad flexibility in design, yet are inexpensive, efficient, simple to erect, and offer room for abundant insulation.

Advantages

- Material costs include structural engineering
- Capitalizes on existing component system
- Cost effective yet sustainable
- Residential construction labor pool can apply familiar skills
- Reduces time from slab to weatherproof shell
- Provides durable, energy-efficient shell, including distinct zones for:

- + Ventilation behind siding,
- + Up to 18" of precut insulation (R-70+ possible) installed by carpenters,
- + Wall plenum for quick mechanical, electrical, and plumbing installation,
- + Protection of vapor barrier (6"+ from the interior finish).

Site Plan Details
The site plan includes four "A" and two "B" units. Two "A" units front Plymouth, reflecting the gable ends of homes to the west. The remaining "A" units sit atop 6 garage/storage bays along the alley. "B" town home units occupy the southeastern corner, anticipating the likelihood of a larger commercial or multifamily building across Sheridan.

The four units along Plymouth are ideal live/work spaces and have street access.

Each structure in the front can have a basement; no basements are shown.

The combined parking under the north structure is a response to site size. The decision to stack reduces site paving, provides ample garage storage space, preserves green space for gardening and art, while ensuring structures maintain an appropriate scale.

Foundation

4x

4x

Construction

standard methods + truss innovation

16x

84x

56x

168x

8x

21 days
all units shelled in

TPO 2x

Insulation 1150x

Steel Skin 770x

Sheathing 575x

January calendar: S M T W T F S, 1-31

Other Trades

Mechanical Electrical Plumbing & Finishes

2 Plans 6 D.U.s

A Lower Upper **4x @ \$115/sf**

B Lower Upper **2x @ \$115/sf**

Site & Floor Plans 1/16" = 1'-0"

1 LIVING / DINING
2 KITCHEN
3 BEDROOM
4 FLEX / 3RD BEDROOM
5 LAUNDRY
6 MECHANICAL
7 BICYCLE / CAR PARKING
8 STAIR TO A UNITS
9 PUBLIC ART CANVAS
10 VEGETABLE GARDEN (864 sf)
11 SCULPTURE GARDEN
12 SHARED PATIO
13 RAIN GARDEN
14 RAIN BARREL (40 TOTAL)
15 NEW TREE

SHERIDAN AVE. N.
PLYMOUTH AVE. N.

A UPPER
B UPPER

Wall Section 3/4" = 1'-0"

DRYWALL
TRUSS ROTATION BLOCK
FLOORING

MECHANICAL PLENUM ABOVE GARAGE
DRYWALL
STEEL SIDING OVER SHEATHING
SHEATHING WITH WOOD BLOCK SPACERS FOR VENTILATION PATH
RIGID INSULATION BETWEEN TRUSSES
1" CONTINUOUS SPRAY FOAM INSULATION / VAPOR BARRIER
SPRAY FOAM FULL DEPTH OF EACH TRUSS POCKET
TRUSS
DRYWALL
VENTILATION PATH
METAL OVER INSULATION
CONCRETE SLAB OVER RIGID INSULATION OVER GRAVEL

Plymouth Avenue Elevation 1/16" = 1'-0"

Canvas(s)

Community Collage

Low cost infill housing can be a divisive issue for communities. The desire to reproduce nearby historic styles is commonly strong, yet the results are often lifeless in comparison to predecessors. The monies to reproduce the intricate detailing are usually unavailable in all but the most affluent neighborhoods.

We suggest an alternative to the replication of style, harnessing the potential of modern materials - durable and affordable - to allow the "broad and accepting panoply" to discuss, debate, negotiate, collaborate, manipulate, and ultimately personalize the site with art. Preferences both contemporary and nostalgic will surface, and can comfortably coexist without exclusion. Consider the portraits adorning the Guthrie Theater alongside the historic Ceresota mural, the brightly painted historic facade of the Valspar complex, or the expressive steel reliefs adorning the articulated brick facade of Homewood Studios.

The Artists' Core gains more than a token garden with a handful of artifacts. Every surface of the site becomes a potential canvas for expression, based on canvasses of neighborhood participants.

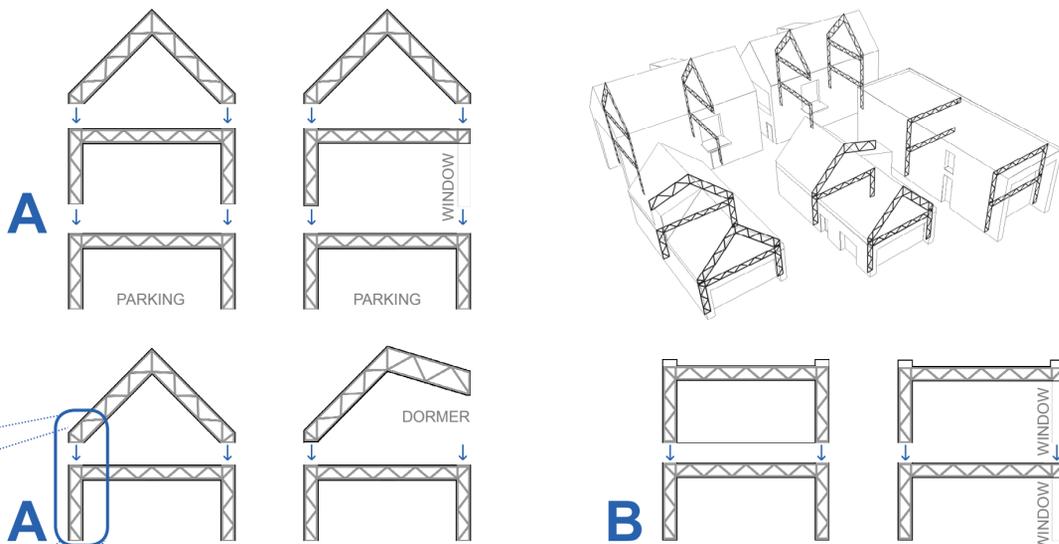
The community fills the void, painting, building, sculpting, and planting an enlarged three-dimensional collage, an intervention in the spirit of Romare Bearden.

Cultural Ownership

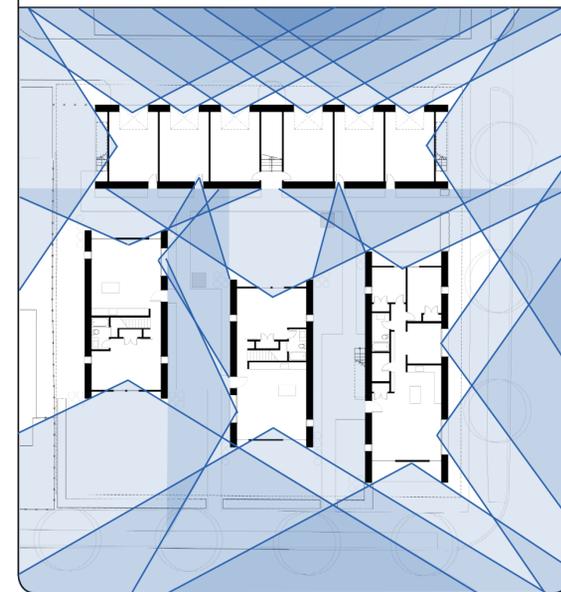
The impact of small urban interventions - the mural at a local cafe, a nifty garden trellis, a homemade garden sculpture, or an brightly colored awning - can have a memorable impact. Carefully considered gestures create cultural and financial equity with little actual investment. They also help all of us visually navigate and understand the complexity of the city, much as a street map does in the abstract.

We intend to create a richly layered destination, a landmark, a cultural focus, yet in a way where the voice of the residents can speak in equal measure with the architects and builders that make the initial statement.

Typical Section Assemblies



Eyes On Public Space



Plymouth & Sheridan Avenues



Bird's Eye



Plymouth Avenue North



Looking West Into Sculpture Garden



Urban Art

