

Blueprint for Success

New Residential Construction at 2283, 2285, 2287 and 2291 Loth Street

Client:

City of Cincinnati
Centennial Plaza Two
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Project Assignment:

Creative Housing Solutions provides ongoing Architectural Design, Program Management, and Contract Administration for the Blueprint for Success program. This is a pilot partnership program between the City of Cincinnati and the Cincinnati-Hamilton County Community Action Agency (CAA) to help at-risk youth receive an education and construction skills as they revitalize/build houses in an inner city neighborhood. Upon graduation participants that want to enter the construction industry will be guaranteed a job in the field. Other participants will be able to use the transferable skills learned (ex. communication, work ethic, leadership) in other jobs, while receiving higher education, or pursuing entrepreneurship.

Assignment Details:

This project adds four new affordable single-family homes to the Loth Street neighborhood to previously vacant properties.

The home will have 1,500 sf to the thermal envelope, 3 bedrooms, 2 full bath rooms with alley accessible surface parking and has achieved **LEED Gold Certification**.

Many energy efficient items were included in the project:

- High-efficiency hybrid heat system with 95% AFUE gas furnace and 16 SEER Heat Pump
- Low-flow toilets, showers and sinks
- Compact Fluorescent Lighting
- Energy Star Appliances
- Heat Pump water heater – 2.2 EF (Efficiency Factor) saving 50% of domestic water heating costs
- R-38 attic insulation
- Energy Star windows and exterior doors
- Spray cellulose insulation in the walls to reduce air infiltration

Minimizing wood and construction waste was achieved through the following measure:

- Panelized exterior wall construction
- Engineered floor trusses
- 19.2" stud spacing on interior wall framing.



Loth Street Elevation



Exterior Detail



Aerial View of the Loth Street Neighborhood



Aerial View of the Site before construction



Creative Housing Solutions, Inc.

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