

National Organization of Minority Architects

Legacy Project

Community Service Project 2012



Assembly of Winning Design

Parts for the winning unit will be milled from salvaged materials by WARM Training staff at their Reclaim Detroit facility. Final assembly of all units will take place in October by NOMA volunteers within WARM's training facility in Mexicantown. Lunch will incorporate a brief seminar on home weatherization and green home design.

The Client

WARM Training Center is a non-profit organization that promotes the development of resource efficient, affordable, healthy homes and communities through education, training, and technical assistance.

Michigan Energy Demonstration Centers

WARM training was selected as one of eight Michigan Energy Demonstration Centers located throughout Michigan to promote energy efficiency, renewable energy, green building and sustainable living solutions for Michigan residents and businesses. The network of centers educates the public through hands-on, interactive examples.



PROJECT SCHEDULE

June Advertise Competition

July 14, 2012 - One Day Charrette

WARM Training
4835 Michigan Avenue
Detroit, MI 48216
8am – 5pm

August Mill Parts
September Assemble Test Unit

Oct. 17, 2012 - Assemble all Units

WARM Training
Green Jobs Training Center
2701 Bagley Street
Detroit, MI 48216
8am – 5pm



Centric**design**Studio



**RECLAIM
DETROIT**
CONSTRUCTION

The Challenge

WARM would like the ability to place their Energy Demonstration Center on wheels. They require the design of flexible, portable, modular display units that can be housed at WARM training offices, but are transportable by box, truck, trailer, cargo van and/or pickup truck to events, conferences and other events.

One Day Charrette

The winning design will be selected during a single day charrette. Design teams will be composed of professionals, students and WARM training staff.

Students on the winning team will receive free admission to the NOMA conference courtesy of Centric Design Studios.

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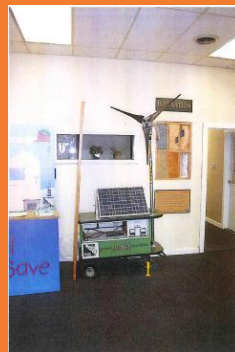


The Design Requirements

1. The existing demonstration space at WARM Training headquarters will be converted into a flexible display space for the new units. The existing counter, cabinets and displays will be deconstructed and removed.
2. Units should work together as a whole, but may be used separately.
3. The total maximum available linear feet of display area is approximately 31'. These 31' are divided into the following lengths: 16', 10' and/or 5'.
4. Maximum unit height is 8'.
5. Maximum display floor area at conferences and events is typically 10' x 10' or 3' x 6'.
6. When the units are on display at an event, the flexible display area at WARM headquarters should appear complete and professional. At a minimum, one unit would remain at WARM Training to conceal phone and electrical utility areas.
7. Units should be designed and constructed in a way consistent with WARM's mission. Ideally, the unit should feature reclaimed materials from WARM's deconstruction projects and be fabricated by WARM graduate employees. Summer tours of WARM's Reclaim Detroit facilities are offered Saturdays.
8. The design should reflect WARM's mission, vision and areas of practice.
9. The design should reflect both WARM's and the State of Michigan's description of an Energy Demonstration Center.



10. Units should incorporate the storage and display of WARM's current sample inventory and allow for expansion.
11. At least one unit should be dedicated to the following WARM program areas:
 - a. Residential Energy
 - b. Technical Assistance
 - c. Workforce Development
 - d. Deconstruction
12. At least one unit should showcase "green" materials and products.
13. At least one unit should display temporary posters and other print media



"The Green Machine"



Featured Elements

Unit(s) should be able to display:

1. A flat panel TV with video (run from laptop or integral to the display)
2. The current "green machine" (refer to photo below)
3. A water fixture display
4. A small window model (for demonstrating window kit and rope caulk)
5. A kilo watt meter
6. A smart meter
7. A thermostat
8. A small door frame (for demonstrating v-seal)
9. Tool storage
10. Laminated photos (demonstrating bad energy choices)
11. A whiteboard for displaying the Energy Equation, enlarged sample utility bill and house diagram
12. Battery storage (for generating energy)
13. Brochure rack
14. Question and Answer boards (on different energy types)
15. Renewable and Non-renewable energy definitions boards

For More Information

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