

**Line of Business:**  
**Insulated Concrete  
 Masonry**

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**Client:**  
**Leidal & Hart  
 Mason Contractors**

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**Location:**  
**Harrison Townshp , MI**

**Project Partners:**



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 Zeeland, MI 49464**

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## **CASE STUDY:** **Macomb County Sheriff Marine Patrol Boathouse** Winter 2022 - Spring 2023

### **THE SITUATION:**

The Macomb County Sheriff's office needed a new boat house for their Marine division that would save money on energy costs during the off-season. Omni Block was the best fit for this project as it will last decades while reducing the energy consumption for the building.

### **PROJECT DESCRIPTION:**

The System 12 - 12" block was chosen for this project, along with 8" half high accents. The combination of Burnished, Split Face, and Smooth finishes gave the building a professional yet aesthetically pleasing look, while maintaining the functionality and energy efficiency of Omni Block.

### **PRODUCT FEATURES:**

- Thermal efficiency
- Lower construction costs
- Lower utility costs
- Lower maintenance costs
- Higher durability
- More fire resistant
- More wind resistant
- More pest resistant
- More sound resistant
- More mold resistant

### **ABOUT OMNI BLOCK:**

Omni Block is a patented insulated cementitious masonry unit (CMU) wall system which combines the benefits of indigenous aggregates, Expanded Polystyrene foam insulation, thermal lag (the delay, disruption and redirection of heat flow), exposed thermal mass on the interior side which allows the absorption of heat and air tightness. This combination results in a thermally efficient wall system with a high R-value and is consistent with well-known and widely accepted thermal performance concepts.

### **MASON CONTRACTOR:**

Leidal & Hart Mason Contractors  
 12100 Globe St.  
 Livonia, MI 48150  
 (734) 522-2400

### **ARCHITECT:**

Wakely Associates Architects  
 130500 Van Dyke Ave.  
 Suite 209  
 Warren, MI 48093  
 (586) 573-4100

### **OWNER:**

Macomb County Sheriff's Office  
 133125 S River Rd.  
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