Build with ICF for: Virtually any Building Plan
Insulated Concrete Forms (ICFs) are quickly becoming a fundamental building technique for multi-family residential, school and commercial buildings due to their strength, energy efficiency and ease of use. Take a look at how ICFs work—and find out what makes them the best choice for your next building project.

**SETTING THE STAGE**
The outer shell consists of foam insulation blocks that are stacked together like legos.

**ADDING STRENGTH**
Concrete is poured throughout the block structure, making it strong, safe, soundproof and energy efficient.

**SMOOTHING IT OUT**
The exterior layers of ICFs can include acrylic stucco mesh, conventional stucco, brick or any other finish system.
Affordability Insulated concrete homes cost zero to 2% more than wood-frame homes. The slightly higher mortgage payment is easily offset by the lower energy bills and insurance premiums. The real payback is in quality—the intangible benefits of a quieter and more comfortable home.

Built to Last Concrete requires little to no maintenance and stands up to hurricanes, tornadoes, earthquakes, and fires. It can't be eaten by termites and won't rust or rot.

Energy Efficient R-Value Insulated concrete homes save an estimated 50 to 80% on heating and cooling costs, and prevent more than twice the expensive resealing leaks of conventional framed walls.

Environmentally Friendly Insulated concrete homes decrease our dependence on fossil fuels, and minimize landfill waste. Concrete uses local materials and saves trees.

Superior Comfort Sound Reduction Insulated concrete homes reduce outside noise levels by up to 50%. Air infiltration: Insulated concrete homes are virtually airtight and have four times less air infiltration which means less dust, mold and moisture, and lower energy bills.

Unlimited Design Flexibility Insulated concrete homes can be designed in any architectural style you can imagine. Because concrete takes any shape or form, it can create an unlimited variety of curves and angles.

Unsurpassed Safety / Wind Damage The strength and density of insulated concrete walls offer unmatched resistance to the devastation of tornadoes and straight-line winds over 200 mph. Fire: Insulated concrete walls have a four-hour fire rating when subjected to continuous gas, flames, and temperatures up to 2000 degrees Fahrenheit. Conventional framed walls typically collapse in an hour or

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<th>WOOD VS. ICF COST COMPARISON</th>
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| TOTAL COST TO BUILD (1) | WOOD $305,000 | ICF $332,000 | DIFFERENCE $27,000 4.8% |
| 90% MORTGAGE (2) | $270,000 | $260,000 | $10,000 4.3% |
| 10% DOWN PAYMENT (2) | $30,000 | $32,000 | $2,000 4.1% |
| MONTHLY MORTGAGE | $1,791 | $1,827 | $36 2.2% |
| HOMEOWNER INSURANCE (8) | $100 | $95 | $5 5.3% |
| HEATING/COOLING (6) | $300 | $154 | $146 48.6% |
| TOTAL MONTHLY COSTS/SAVINGS | $2,337 | $2,074 | $263 12.2% |

*Guidelines with ICF Construction vs. Wood results in a 10% increase in cost at 5 year costs
CASE STUDIES

GLENSTONE MUSEUM, MARYLAND

RICHARDSVILLE ELEMENTARY, KENTUCKY

NELSON MANDELA APARTMENTS, ILLINOIS

ROY ST. COMMONS, WASHINGTON
Inquiries

If you would like to know more please call or fill out form below for any inquiries, questions or commendations.

Name*

Email*

Company Name

Message*

Submit

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ICF OPEN HOUSE

A PATHWAY TO ENERGY & DISASTER RESILIENCY: AN ICF OPEN HOUSE
February 19, 2020
Hyatt Place
480 Bass Pro Drive NW
Altoona, IA 50009

See Event Info Here