



Sculpted Homes

Ultra Energy Efficient

Beyond Passive Homes
Beyond NetZero Solar
Geothermal Radiant
Eco-Friendly
Low Carbon Footprint

Ultra Life Safety

Tornado	Hurricane
Fire	Flood
Earthquake	Termites
Mold	

ExoCore

Single Family Homes	Condos
Town homes	Apartments
Dorms	Baracks
Hotels	Hospitals
Schools	Offices

Imagine a Home Beyond Your Dreams



ExoCore

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Modern ExoCore Home

For those who choose to build an ExoCore home, they have the ability to create a living space that will help them achieve all their wants and needs. Like a dream. Future, physical, financial family security.

ExoCore provides the necessities of safety and security from severe weather and hazards like fire that traditional "stick" home construction cannot. The strong long-lasting construction of a ExoCore home also provides economical benefits to keep heating and cooling costs to a minimum while keeping you comfortable.

Beyond shelter requirements, an ExoCore (created at our sculpture studios) opens the possibilities to sculpting a home where you can truly live, work, learn and play. The only limitation is your imagination.

Any Style, Size and Features



Traditional ExoCore Home



Beyond Stick-Built Homes



Energy Efficiency

- Warm in Winter, Cool in Summer
- Airtight Insulated Precast
- Interior Thermal Sink
- Thermal Bridge Free

Life Safety

- Fire Resistant
- Hurricane Resistant
- Tornado Resistant
- Flood Resistant
- Insect Resistant
- Mold Resistant

Sustainability

- High R-Value
- Recycled Content Save Trees
- Centuries of Durability
- Ultra Low Carbon Footprint
- Ultra Low Life-Cycle Cost

Aesthetics

- Unlimited design options
- Adding function to beauty



Beyond Stick-Built Homes

Introduction to ExoCore Sculpted Homes

- ExoCore Sculpted Homes made from insulated precast concrete will combine the life safety and environmental benefits of insulated precast concrete and the construction efficiencies of modular buildings to create affordable and attractive scalable homes that will last for hundreds of years
- We have spent decades developing ExoCore:
 - › Leveraging our knowledge of precast concrete, and high-quality indoor construction
 - › Developing Rcrane Model RCX – the enabling technology for cost effective erection of ExoCores
 - › Building relationships with partners that share our passion for homes that deliver maximum life safety and energy efficiency while keeping total monthly costs of ownership in-line with traditional “stick” construction
- ExoCore Sculpted Homes will add a profound positive impact on economic growth and a huge increase in Peace of Mind and Quality of Life; which we call POMQUOL
- Quiet, Strong, Beautiful, High-Value and Unlimited Features

Overview of Materials

- Introduction to ExoCore sculpted homes
- Modular scalable home discussion
- Beauty of insulated precast concrete
- Review of Rcrane RCX

**WE ARE PASSIONATE ABOUT
THE POSITIVE SOCIAL ECONOMIC
IMPACTS OF EXOCORE**



ExoCore Creates Unlimited Possibilities

Sculpture Studio > Beyond Factory
Beyond Manufacture Plant

Sculpted > Beyond Manufactured
Beyond Precast
Beyond Factory Built

Heavy Duty > Beyond Lightweight

For Site Construction > Beyond Off Site Construction

ExoCore > Beyond stick built homes
Beyond modules
Beyond modular
Beyond passive

EXOCORE
THOUGHTFULLY
OVERCOMES CURRENT
LOW-QUALITY
LIGHTWEIGHT IMAGE
CHALLENGES TO
OLDER MODULAR
TECHNOLOGY



ExoCore = Superior Buildings

**Modular Building
+ Insulated Precast**



- ExoCore combines the benefits of modular construction in an indoor environment together with the life safety and energy efficiency of insulated precast
- ExoCore homes and commercial buildings are highly customizable
- By every metric, ExoCore exceeds performance of traditional stick homes
- Improving Peace of Mind and Quality of Life. POMQUOL



**EXOCORE COMBINE THE
EFFICIENCIES OF MODULAR
CONSTRUCTION WITH THE LIFE
SAFETY, SUSTAINABILITY, AND
REDUCED ENERGY CONSUMPTION
OF INSULATED AIR TIGHT
PRECAST CONCRETE**



Aspire to Construct Superior Buildings

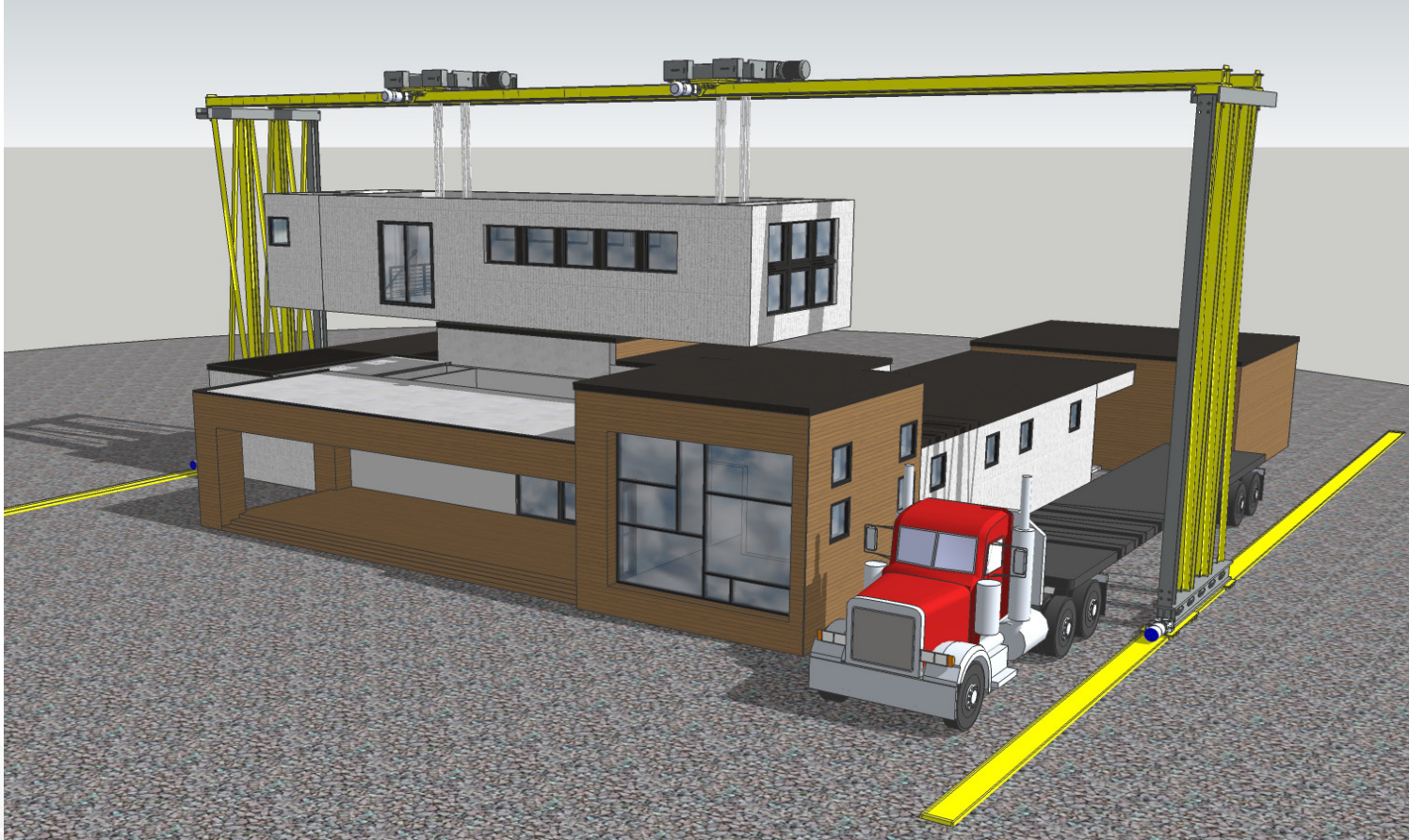
Attributes	Traditional Stick House	Current Modular	Precast Panels	ExoCore
Highly customizable	✓		✓	✗
Majority construction done indoors		✓		✗
Reduces labor expense		✓		✗
In-line or less than total cost of traditional	✓	✓		✗
Maximizes energy efficiency			✓	✗
Maximizes safety in hurricane/tornado/fire			✓	✗
Reduce construction time vs traditional		✓		✗
Lasts for centuries			✓	✗
Requires Rcrane lifting capability				✗



BEAUTY AND STRENGTH BLOW
AWAY TRADITIONAL “STICK”
BUILT HOME CONSTRUCTION



ExoCore Home Erection



RCRANE ENABLES ECONOMIC
ERECTION OF HEAVY BUILT
EXOCORE SCULPTED HOME.



Erected High-Rise ExoCores



ExoCore High-Rise Erection



UNLIMITED POSSIBILITIES FOR
STYLE, SIZE AND SCALABILITY OF
EXOCORE SCULPTED HOMES



Overview of ExoCore Benefits



Warm in Winter
Cool in Summer



Air Tight



Insulated
Precast

Energy Efficiency

- Insulated precast created in our sculpture studio
- Air tight with high R-value insulation (R-21 to R-49)
- May incorporate radiant floor heating, high velocity cooling, geothermal systems and Low-E glass windows and doors, options for solar panels and windmills



Fire



Hurricanes



Tornadoes

Life Safety

- Protection from the forces of nature best achieved with concrete based systems
- Precast concrete wall panels give highest degree of safety from fire, hurricane and tornado force winds
- Select precast rated at up to F5 tornado (200 mph)



Centuries of
Durability



Recycled Content
Save Trees



High R-Values

Sustainability

- Homes will last for centuries, not just decades and will require minimal maintenance
- Recycled content within precast can reach as high as 40%
- Higher R-values with lower lumber costs

WE HOPE YOU SHARE OUR

PASSION FOR HOMES THAT

DELIVER MAXIMUM LIFE SAFETY

AND ENERGY EFFICIENCY WHILE

KEEPING TOTAL MONTHLY

COSTS OF OWNERSHIP IN-LINE

WITH TRADITIONAL “STICK”

CONSTRUCTION.





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