# CONSERVE

**Brochure Tri-Fold Design Presentation 8** 

## SIDE 1A

#### **MISSION STATEMENT**

ConServe, LLC is a Florida Registered Certified General Contractor (CGC) with "unlimited" residential/commercial/ industrial build capacity (Florida's top license). ConServe holds over 2 decades of construction experience both locally and international. Since inception, ConServe has identified cost-effective technology upgrades to the traditional building process. This includes upgrades to energy installations, increased lifespan of materials/systems employed, an engineered process that allows for decreased annual insurance costs and architectural features that improve the finish and function for living at a cost effective price point!

The ConServe Team interfaces with the design and permit teams to strengthen the process and exceed necessary building standards. This includes cost effective upgrades that are often at minimal or at no cost yet achieve perfection for the Client. With over 50 years of proven success, it remains shocking that the extreme benefits of light gauge steel are summarily dismissed by most Clients as the "Best Option" for structural, energy and lifespan needs. This is just one simple technology that works in concert with site design, foundations, vapor barriers, insulations, windows, mechanical/electrical/plumbing and the selected finishes for project perfection. ConServe is your clear choice for Energy, Affordability and the Environment!





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NEW CONSTRUCTION
CONST MANAGEMENT
SUSTAINABLE CONST
RENOVATIONS
GREEN BUILD
RESTORATIONS



For estimate requests. please contact

904-444-1141

WWW.CONSERVELLC.COM

# DESIGN • BUILD ENVIRONMENT





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www.ConServeLLC.com

## SIDE 1B

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## SIDE 2

#### STEEL

- Insurance discounts
- Mold resistant
- Termite Resistant
- Fire Resistant

#### TERMITE RESISTANCE

- According to the United States Department of Agriculture (USDA) termites cause an estimated \$5 billion dollars of damage a year in the United States.
- Termites cause more damage than fire, floods, and storms combined.
- The Formosan termite is one of the most destructive termite species in the world and now infests more than 14 states according to the USDA. Originally limited to Hawaii, the Formosan termite is now well established throughout the southern states in and around the Gulf Coast, and spreading rapidly.
- CFS is inorganic and does not provide a food source for termites.
- There is no need for annual termite treatments with steel.
- CFS provides a healthy building with no off-gassing from chemical termite treatments, or pressure treated lumber.

• Termite damage is rarely covered by insurance. Build it right and avoid costly problems later.

#### FIRE RESISTANCE

- $\bullet$  Steel is a non-combustible, fire resistant material and will not feed a fire.
- On average, wood structural members or framing rank third as the first-ignited material in home fires according to the National Fire Protection Accordation
- Building with steel can reduce cost of construction insurance as well as homeowner's insurance premiums.

#### **ENVIRONMENT FRIENDLY**

- Steel is 100 percent recyclable. Each year, nearly 68.7 percent of all steel scrap is North America is recycled.
- Steel does not contribute to the growth of landfills.
- Steel framed structures stay straight and true and do not expand and contract with humidity and temperature changes. This means that door and windows openings framed with steel remain stable and this saves on energy costs.

 Cold-formed steel has the highest strength-to-weight-ratio of any structural building material. As a result, steel projects can be built with fewer materials

#### BENIEGITS

Steel provides a number of benefits to the consumer including:

- High strength results in safer structures, less maintenance and slower aging of structure
- Fire safet
- Not vulnerable to termites
- Not vulnerable to any type of fungi, mold or organism
- Less probability of foundation problems 5 times lighter than wood which results in less movement
- Less probability of damage in an earthquake lighter structure with stronger connections results in less seismic force
- Less probability of damage in high winds stronger connections, riveted and screwed versus nailed
- Light gauge steel structures do not rot, shrink, split, crack, warp, or decompose like wood structures, and can be used in areas where there is a probability of termite attacks.



#### ICF

- Extreme Energy Efficiency
- Disaster Resistant Building
- Fire Resistant
- Wind resistance of over 250mph
- ICF structures are built to last for centuries.

## EXCELLENT FOR RESIDENTIAL, COMMERCIAL AND AGRICULTURAL CONSTRUCTION

- Thick foam insulation on both sides of the concrete offers greater insulating values, reducing energy consumption.
- Unlimited Design Capabilities make Vertical Insulted Concrete Forms the right choice for any structure.
- TF Forming System products offer many tall wall construction advantage for multi-story buildings and high-rise construction.

#### **ENERGY EFFICIENT**

Building owners report energy usage down 40-60% using ICF systems

#### STRUCTURAL STRENGTH

- Concrete poured into an Insulated Concrete Form cures slower,
- resulting in a wall that is up to 50% stronger than regular poured walls.
- ICF projects are built to withstand natural disasters.
- Adding Helix Fibers to the concrete can give your walls wind resistance of over 250mph.

#### **CUSTOMIZABLE ON-SITE**

- on Forming systems vertical insulated Concrete Forms can be cut to any size on-site using simple hand tools. No special tools required. No heavy equipment required.
- TF Forming Systems Vertical Insulated Concrete Forms can be customized straight from the factory.

#### MONOLITHIC WALL CONSTRUCTION

• The Vertical design of the rails allows for tall, straight walls to be filled in one pour.

#### FIRE RESISTANCE

 ICF can offer a multi-hour fire rating for areas such as demising walls, party walls, and other commercial construction where a 3-4 hour fire rating is required

### CONCRETE AND THE RIGID POLY ARE ALLERGEN AND INSECT RESISTANT

I light envelope or our systems create a mord, allergen and insect-free building for your clients. This provides a cleaner, healthier environment for homes, commercial buildings and agricultural structures.

#### LOW MAINTENANCE

- Little to no maintenance required on the structure due to the fact that all material is inert and durable. Concrete and insulation also resist moisture so there is no rotting or decay of the structure over time resulting in breakdown or dilapidation of the frame like with wood frame buildings.
- ICF structures are built to last for centuries.