Welcome to the 2024



January 24, 2024





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Welcome Hothe 19th Annual ICF Builder Awards

Welcome to the 19th Annual ICF Builder Awards! ICF Builder magazine is proud to announce the winners of this year's 2024 ICF Builder Awards and People's Choice Awards, an event designed to honor and promote the many fine projects created in recent years using ICFs. This year we again invited the public to vote on the top three projects for the People's Choice Awards. The People's Choice Awards are not just votes from industry insiders — anyone who sees the videos can vote, so we encouraged everyone to share those links widely. It gives people outside of the industry a chance to see just what ICF can do.

This year we are awarding winners and first and second runners-up in nine categories including education, pools, three residential size categories, heavy and light commercial, multifamily, and multifamily low-rise projects. This year, we had our largest amount of entries ever with a 25% increase over 2023 and a 37% increase over 2022. It is heartening to see this type of increase. Thank you for being part of this uplifting trend!

ICF Builder magazine has presented this awards ceremony for the past 18 years for a few reasons. The magazine has a 19-year history, and since the team made a commitment to promoting ICF, we also wanted to make a commitment to honor the people who were bringing these projects to life. ICF is more of a well-known and accepted method of construction today than it was 19 years ago, and that is due to the innovative design and excellent craftsmanship on the part of the individuals involved in each of these projects through the years.

These projects are the best of the best, and have and will continue to advance the ICF industry. It is our honor and pleasure to highlight each of these winning projects. Each year, it is clear how much the industry has evolved, and it is increasingly clear how much value insulated concrete construction can bring to the homebuilder, commercial or industrial builder. Thank you for joining us and being part of this event.

Special thanks to our sponsors



Gold



BRACING SYSTEMS



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RESISTO.





by Canam





Bama Breeze



Project Statistics

> Location: Dauphin Island, Alabama

Type: Pool
Size: 700 sq. ft.
ICF Use: 700 sq. ft.
Cost: \$150.000

Total Construction: 8 weeksICF Installation Time: 6 days

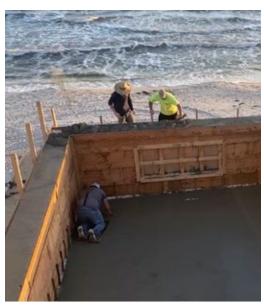
Construction Team

Owner/Developer: Sandmen Properties
 General Contractor: Cutting Edge Pools
 ICF Installer: Cutting Edge Pools
 Form Distributor: Chicagoland Concrete

> ICF System: Nudura

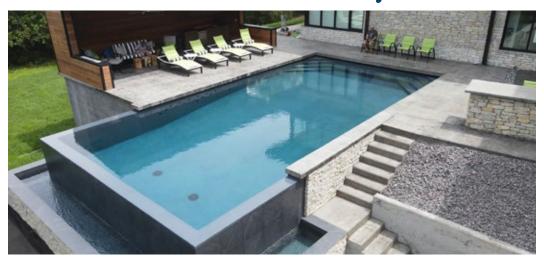


- > ICF monopour pool elevated above the beach
- > First-of-its kind pool
- > Cost-effective solution in a high-risk environment
- Opened new market for ICF pools
- > Extends ICF awareness in a hurricane zone



Pools

Shaw Hollow Infinity Pool



Project Statistics

> Location: Springfield, Missouri

Type: PoolSize: 1,000 sq. ft.

> **ICF Use**: 1,000 sq. ft.

Cost: \$270,000

Total Construction: 15 weeksICF Installation Time: 5 days

Construction Team

Owner/Developer: Robert & Kathy Shaw

General Contractor: Cutting Edge Homes

ICF Installer: Cutting Edge Homes

> Form Distributor: Rost Forms and Supply

Other Team Member: Kelvin DoerrICF System: Fox Blocks



- > ICF monopour shell with three-sided infinity edge
- Underground equipment room gives structural support
- > EcoFinish turns the pool into a mirror
- Stone and woodwork blends into surroundings
- > Hydrolux autocover gives premier insulation



Garnet Way Infinity Pool



Project Statistics

▶ Location: Penticton, British Columbia, Canada

> Type: Pool > Size: 900 sq. ft. > ICF Use: 900 sq. ft. Cost: \$1 million

> Total Construction: 60 weeks > ICF Installation Time: 14 days

Construction Team

Owner/Developer: Jason Stutzke

> GC: Okanagan Extreme Home Builders

> ICF Installer: Okanagan Extreme Home Builders

> Form Distributor: Home Hardware Building Centre

Architect: RK Studio ICF System: Amvic

- > Built to integrate into the ICF home build
- > Bottom of ICF pool is the mountain rock
- Bonding agents used to acquire watertightness
- Infinity edge glass wall
- > Hot tub integrated within the main pool
- Structural suspended slab integrated in the pour





SMALL RESIDENTIAL

King's Bay Point



Project Statistics

> Location: Crystal River, Florida

Type: Residence
 Size: 2,995 sq. ft.
 ICF Use: 9,790 sq. ft.
 Cost: \$1,2 million

Total Construction: 60 weeksICF Installation Time: 35 days

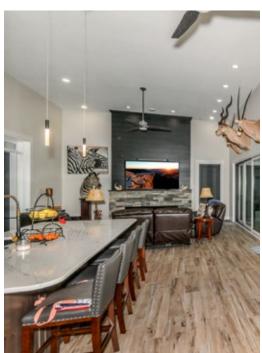
Construction Team

Owner/Developer: Dickemann Group
 General Contractor: Dickemann Group
 ICF Installer: Coral Reef Contracting Inc.
 Form Distributor: Amvic Building System

Architect: Blue Water DraftingICF System: Amvic

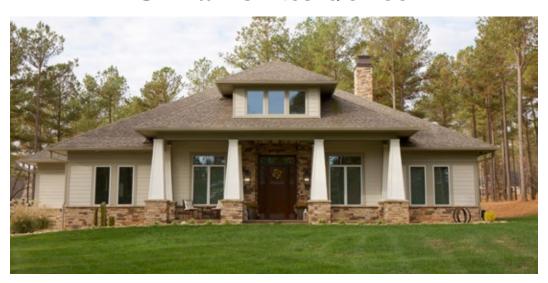


- Stability for coastal soil conditions
- Coastal impact resistance
- Hurricane/flood resistance
- Energy efficient, sustainable, sound-proof



SMALL RESIDENTIAL

Shilakis Residence



Project Statistics

> Location: Tellico Village, Tennessee

> Type: Residence **Size**: 2,720 sq. ft. ICF Use: 5,115 sq. ft. **Cost**: \$850.000

> Total Construction: 42 weeks > ICF Installation Time: 10 days

Construction Team

> Owner/Developer: The Shilakis

General Contractor: Parks Management > ICF Installer: Parks ICF Wall Systems LLC

> Form Distributor: AG Heins Co.

> Architect: Sater Design Collection Inc.

> ICF System: Nudura



- Owners chose ICF for strength and comfort
- > 2nd home to showcase a new style of window
- Completed in 10 months due to ICFs



SMALL RESIDENTIAL

Above The Bar



Project Statistics

Location: Salcombe, Devon, England

Type: Residence
 Size: 2,066 sq. ft.
 ICF Use: 3,907 sq. ft.
 Cost: £940.800

Total Construction: 52 weeks
 ICF Installation Time: 6 weeks

Construction Team

> Owner/Developer: Kevin and Maddie Anderson

> GC: Lilburn & Elliott Construction Ltd.

> ICF Installer: Lilburn & Elliott Construction Ltd.

Form Distributor: The Fell PartnershipArchitect: Derry Owen Architects

Interior Designer: Beeches Design
 Other Team Member: Nigel Ridley

> ICF System: Nudura



- Built on the edge of a cliff
- > Tight access and located on a public path
- House steps back to blend in with its surroundings
- Built with a small team
- Local stone used for lower ground floor
- Pressure air test of 2.43, almost passive



LARGE RESIDENTIAL

San Anselmo



Project Statistics

> Location: San Anselmo, California

> Type: Residence **Size**: 3,420 sq. ft. **ICF Use**: 11,724 sq. ft. Cost: \$2.2 million

> Total Construction: 48 weeks > ICF Installation Time: 89 days

Construction Team

> Owner/Developer: Dan Schoenfeld General Contractor: Olenka Builders > ICF Installer: Swensson Construction

> Form Distributor: California ICF

> Architect/Consultant: Nicholas Nikiforuk

> Engineer: DG Engineering

> Other Team Member: Thomas Neece

ICF System: IntegraSpec



- > Entire building is ICF material
- Concrete roof structure used ICF gables and EPS geofoam to create concrete dormers
- Concrete ICF stairs, inside and out
- > Area under the stair porch created a wine cellar
- > Concrete roof creates vaulted cathedral ceilings
- Net zero



LARGE RESIDENTIAL

Carmi Home Project



Project Statistics

Location: Penticton, British Columbia, Canada

Type: Residence
 Size: 5,422 sq. ft.
 ICF Use: 11,352 sq. ft.
 Cost: \$2.1 million

Total Construction: 84 weeksICF Installation Time: 45 days

Construction Team

> GC: Okanagan Extreme Home Builders

▶ ICF Installer: Okanagan Extreme Home Builders

Form Distributor: Home Hardware Building Centre

Architect: RK StudioICF System: Amvic



- > Mountain-top home designed for family living
- ▶ 10,000 cubic feet of rock blasted on property
- 24 feet of nano doors
- Solar panels
- Energuide rating of 47 GJ/year
- ▶ 10" block for pool transition into 8" block for home



LARGE RESIDENTIAL

LaLiberte Iconic



Project Statistics

Location: Cave Creek. Arizona

> Type: Residence **Size**: 5,821 sq. ft. > ICF Use: 11,947 sq. ft. **Cost**: \$3.4 million

> Total Construction: 84 weeks > ICF Installation Time: 12 days

Construction Team

Owner/Developer: Mark LaLiberte

General Contractor: A Finer Touch Construction

> ICF Installer: ICF Specialists > Form Distributor: Cosan Studio

Architect: Cosan Studio

> Other Team Member: Alfonso Nieves

ICF System: Fox Blocks

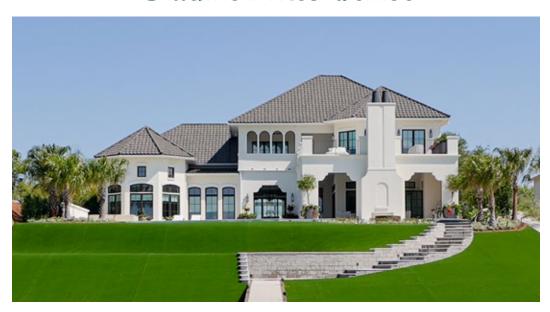


- > High-performance, net-zero custom desert home
- Glass makes up 29% of the home's exterior
- Private 760 sq. ft. quest casita
- > High-end amenities include a digital Anthem shower
- Infinity pool and covered outdoor living area
- > 800-pound triple-pane, 8 x 9' entry pivot door



Unlimited Residential

Claunch Residence



Project Statistics

> Location: Orange Beach, Alabama

> Type: Residence **Size**: 12,776 sq. ft. **ICF Use**: 13,891 sq. ft. Cost: \$6 million+

> Total Construction: 78 weeks **ICF Installation Time**: 45 days

Construction Team

> General Contractor: Loper Construction

> ICF Installer: Force 5 Walls > Architect: McCollough Architecture

> Other Team Member: Justice Olson

> ICF System: Fox Blocks

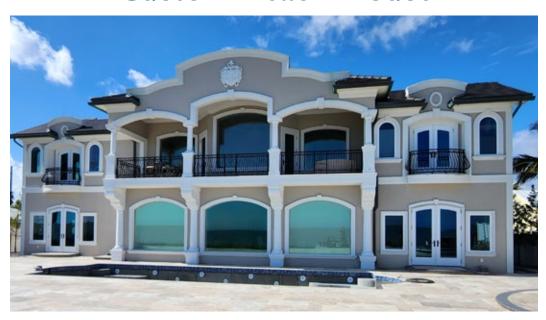
- Saltwater pool with a spa and swim-up bar
- Gym, outdoor shower and cold plunge spa
- > Entryway with floating bridge and koi pond
- Sauna and limestone-enclosed aromatherapy steam shower
- Private pet room and courtyard
- Separate private guest suite above garage





Unlimited Residential

Custom Beach House



Project Statistics

Location: Melbourne Beach, Florida

> Type: Residence **Size**: 8,900 sq. ft. ICF Use: 14.353 sq. ft. > Cost: \$6.1 million

> Total Construction: 156 weeks > ICF Installation Time: 150 days

Construction Team

▶ **General Contractor**: Kinley Construction

> ICF Installer: Kinley Construction

> Form Distributor: Amvic Building System

Architect: Spacecoast Architects PA

ICF System: Amvic



- Florida oceanfront hurricane-resistant ICF construction
- Concrete piles foundation
- Hurricane- and Impact-rated window and door systems
- Enclosed motor court and garages
- > Fully solar (PV) with battery back up
- ▶ High IAQ design with advanced HVAC systems



Unlimited Residential

The Ranch



Project Statistics

> Location: Southern Alberta, Canada

Type: Residence
 Size: 7,421 sq. ft.
 ICF Use: 15,917 sq. ft.
 Cost: \$3.5 million

Total Construction: 2 yearsICF Installation Time: 67 days

Construction Team

Owner/Developer: AnonymousGeneral Contractor: Owner

ICF Installer: Mike Mayer Construction
 Form Distributor: Rona - Pincher Creek
 Architect: Dimensional Design and Drafting

> ICF System: SuperForm



- > ICF wine cellar 11 feet below main floor
- Forty-five 90-degree corners
- > Four 45-degree corners
- > Includes handbuilt timber framing
- Copper gable end vents and other copper details
- > Fir board and batten siding



LIGHT COMMERCIAL

The Lewis Building



Project Statistics

Location: Newburyport, Massachusetts

> Type: Retail & apartments **Size**: 10,239 sq. ft. > ICF Use: 11,617 sq. ft.

Cost: \$3.5 million

> Total Construction: 60 weeks > ICF Installation Time: 143 days

Construction Team

Owner/Developer: Steve Lewis

General Contractor: Groen Construction Inc.

> ICF Installer: Groen Construction Inc.

Form Distributor: Atlantic Builder Supply Northeast

> Architect: Scott Brown Architects

> ICF System: Nudura

- ICF walls from footings to roof eaves
- > Three stories above grade and one below
- Abuts the sidewalk and road on three sides
- Back half of building sets on structural steel





LIGHT COMMERCIAL

Lake Clark Air Hangar & Terminal



Project Statistics

Location: Anchorage, Alaska
 Type: Commercial hangar
 Size: 12,052 sq. ft.
 ICF Use: 12,588 sq. ft.
 Cost: \$3.95 million

Total Construction: 68 weeksICF Installation Time: 50 days

Construction Team

Owner/Developer: Lake Clark Air

General Contractor: Remote Alaska Solutions

> ICF Installer: Remote Alaska Solutions

> Form Distributor: Alaska Concrete Solutions

> Architect: Z Architects

Structural Engineering: Arete Structural Engineering

> ICF System: Nudura

- ▶ 80'x82' hangar with attached 80'x42' terminal
- > 64' custom hangar door.
- Strut-like "trees" evoke a natural canopy
- > Steel trusses, 6" Insulfoam & EDPM roof
- > 12" SIPs roof over timber framing
- > Timber features all hand-hewn on-site





LIGHT COMMERCIAL

Bell Block Building



Project Statistics

Location: Waterbury, Vermont

> Type: Medical offices, restaurant & brewery

Size: 9,300 sq. ft. ICF Use: 10,200 sq. ft. Cost: \$2 million

> Total Construction: 68 weeks > ICF Installation Time: 5 months

Construction Team

Owner/Developer: Aaron Flint Building ▶ General Contractor: Aaron Flint Building

> ICF Installer: Aaron Flint Building

Form Distributor: VTICF

> Architect: Joe Green Architects

> ICF System: Amvic



- > Embedment of fasteners for brackets
- Installed siding, slate, and brick directly to ICF
- Geothermal and solar power/heat/cooling
- 3 stories ICF to roofline



MULTIFAMILY LOW-RISE

Nelson Street Townhomes



Project Statistics

> Location: Esquimalt, British Columbia, Canada

Type: Townhomes
 Size: 4,800 sq. ft.
 ICF Use: 11,990 sq. ft.
 Cost: \$2.4 million CAD

Total Construction: 88 weeksICF Installation Time: 180 days

Construction Team

> Owner/Developer: Xquimalt Developments Ltd.

> GC/ICF Installer: Xquimalt Developments Ltd.

Form Distributor: Island ICF Foundation Supplies

> Architect: XV Architecture Ltd.

> Other Team Member: Antony Vermeulen

ICF System: Nudura

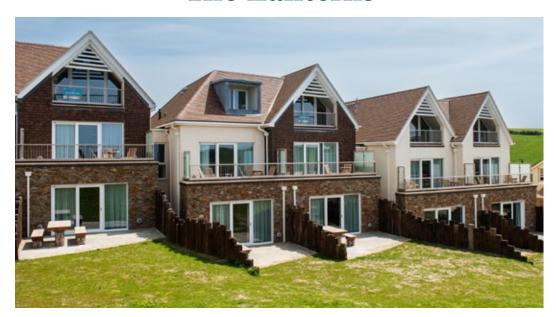


- First project for developer/builder
- ▶ 6,200 sq. ft. of area built on 5,200 sq. ft. lot
- > All exterior walls on all three levels are ICF
- ICF floor decks on all floors
- ▶ British Columbia Step Code 3—compliant
- > Extensive overhangs (over 5') and roof decks
- Many corner conditions and cantilevers
- Basements maximize living space under garage



MULTIFAMILY LOW-RISE

The Lanterns



Project Statistics

> Location: Hope Cove, England

Type: Vacation rentals **Size**: 14,800 sq. ft. **ICF Use**: 20,301 sq. ft. > Cost: \$2.2 million

> Total Construction: 108 weeks > ICF Installation Time: 225 days

Construction Team

> Owner/Developer: Trinity Square Developments

> GC: Lilburn & Flliott Construction Ltd.

> ICF Installer: Lilburn & Elliott Construction Ltd.

> Form Distributor: The Fell Partnership

> Architect: Trinity Square Developments

> ICF System: Nudura

- > Blends into existing architecture of the area
- Cranked gables to maximize coastal views
- > Facade materials blend into surroundings
- New techniques for corners/angles
- > Fast superstructure build time on a coastal site
- Bespoke high-end finishes in each apartment





MULTIFAMILY LOW-RISE

The Lighthouse



Project Statistics

> Location: Parry Sound, Ontario, Canada

Type: Condominium
 Size: 20,70 sq. ft.
 ICF Use: 75,485 sq. ft.
 Cost: \$15.4 million

Total Construction: 105 weeksICF Installation Time: 165 days



Construction Team

Owner/Developer: GreystoneGeneral Contractor: Greystone

> ICF Installer: Greystone

Form Distributor: Amvic Building System

Architect: Duncan Ross Architect Site Supervisor: Nat Spadafora

> Project Manager: Kyle Gray

> ICF System: Amvic

- > 43-unit building with underground parking
- Zoning restricted height below existing homes
- > Urban infill development required remediation
- > ICF was also used on 3 previous phases
- > ICF allowed for construction in extreme weather
- > ICF accelerated schedule during Covid-19



MULTIFAMILY

Homewood Suites & Hilton Garden Inn



Project Statistics

Location: Columbus, Ohio > Type: Dual-brand hotel > Size: 177,210 sq. ft. ICF Use: 130,600 sq. ft. Cost: \$36.3 million

Total Construction: 131 weeks ICF Installation Time: 136 days

Construction Team

> Owner/Developer: Middletown Hotel Mgmt.

▶ General Contractor: HiFive Development Services

ICF Installer: HVB Inc.

Form Distributor: Fox Blocks by Airlite Plastics Co.

Architect: HiFive Design Group

ICF System: Fox Blocks



- Seven-story, dual-brand hotel with basement
- > 240 guest rooms with a common lobby
- Two-level banquet center and steak house
- Completed 177,000 sq. feet in seven months
- Supported by 3,000+ Geopiers
- Was the largest PACE-financed project in Ohio



MULTIFAMILY

Drury Plaza Hotel Lake Buena Vista



Project Statistics

> Location: Orlando, Florida

> Type: Hotel

Size: 204,468 sq. ft.
 ICF Use: 36,215 sq. ft.
 Cost: \$100 million

Total Construction: 155 weeksICF Installation Time: 200 days

Construction Team

Owner/Developer: Drury Development Corp.

> **General Contractor**: Druco Development Co. Inc.

ICF Installer: Rago Enterprises LLCArchitect: Drury Development Corp.

ICF System: Amvic

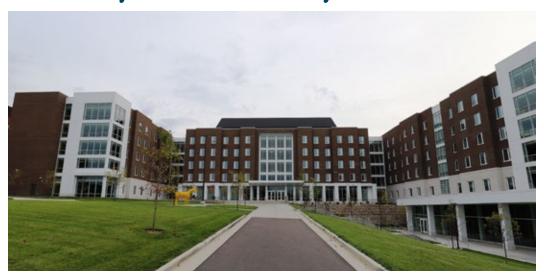


- 15-story tower addition built with all ICF
- First ICF building on Disney property
- ▶ 1 of over 30 ICF hotels built by Drury
- ▶ 602 rooms and 17,000 + sq. ft. of event space
- > Drury's First Official Walt Disney World Hotel
- > The company's largest hotel to date



MULTIFAMILY

Kentucky State University Residence Hall



Project Statistics

Location: Frankfort, Kentucky

Type: Student housing
 Size: 163,400 sq. ft.
 ICF Use: 78,340 sq. ft.

> **Cost**: \$37.6 million

Total Construction: 106 weeksICF Installation Time: 220 days

Construction Team

Owner/Developer: CRM Companies
 General Contractor: D.W. Wilburn Inc.
 ICF Installer: Olympic Construction

Form Distributor: Martin Clark
 Architect: EOP Architects

> Structural Engineer: Brown + Kubican, PSC

ICF System: Nudura



- KSU had major student housing needs
- > ICF accelerated design/construction schedule
- > Twice the size of next largest dorm
- Designed from scratch in 10 weeks
- Funded through a Public-Private-Partnership (P3)
- > KSU is Kentucky's only Historically Black College



HEAVY COMMERCIAL

Newark Army Reserve Center



Project Statistics

Location: Newark, Delaware > Type: Army reserve center

> Size: 42,000 sq. ft. **ICF Use**: 30,000 sq. ft. Cost: \$19.75 million

> Total Construction: 61 weeks > ICF Installation Time: 80 days

Construction Team

Owner/Developer: US Army 99th Readiness Division

> General Contractor: Harkins Builders Inc. > ICF Installer: Diamond State Masonry > Form Distributor: Manning Materials Architect: US Army Corps of Engineers

> ICF System: Nudura

- ICF from footings to top of walls
- > Air leakage of .25 cfm/sf for building envelope
- LEED Silver-certified
- HPSB certification in process
- Recognized by Army Corps of Engineers
- Completed ahead of schedule





HEAVY COMMERCIAL

Canterbury Woods Performing Arts Center



Project Statistics

Location: Williamsville, New York > Type: Performing arts center

Size: 13,500 sq. ft. **ICF Use**: 14,700 sq. ft. Cost: \$7 million

> Total Construction: 52 weeks

> ICF Installation Time: approx. 25 weeks

Construction Team

> Owner/Developer: Episcopal Church Home and Affiliates Inc.

> GC: Lehigh Construction Group Inc.

> ICF Installer: Ideal Concrete Inc.

> Form Distributor: 84 Lumber

Architect: Architectural Resources

> Other Team Members: Andy Horgan & Bob Redmond

> ICF System: Nudura

- > Accommodates 250 guests
- Raised stage, sloping floors, and fan-shaped seating
- 8" and 10" radiused ICF walls
- No straight walls or conventional corners
- > ICF wall heights ranged from 20 to 34 feet
- Project exterior is Dryvit EIFS system





HEAVY COMMERCIAL

Divi Little Bay Resort



Project Statistics

> Location: Philipsburg, Sint Maarten

Type: Resort hotel
 Size: 77,955 sq. ft.
 ICF Use: 85,400 sq. ft.
 Cost: \$20 million

Total Construction: 80 weeksICF Installation Time: 120 days

Construction Team

Owner/Developer: Divi Resorts

General Contractor: Gemini Contractors

> ICF Installer: Gemini Contractors

Form Distributor: Nudura/Tremco CPG

Architect: IXI Design N.V.
 ICF Consultant: Tim Viau
 ICF System: Nudura



- Addition to existing Divi Little Bay Resort
- ▶ Three 4-story buildings, 98 rooms
- Concrete composite floors and roof
- > 77,955 sq. ft. of roof area
- Designed for seismic and hurricane wind loads
- Dryvit TAFS applied over ICF for exterior finish



Rich Pond Elementary School



Project Statistics

Location: Bowling Green, Kentucky

Type: School
 Size: 91,886 sq ft.
 ICF Use: 49,099 sq. ft.
 Cost: \$20.8 million

Total Construction: 90 weeksICF Installation Time: 45 days

Construction Team

> Owner/Developer: Warren County Public Schools

General Contractor: Alliance Corp.
 ICF Installer: Carmicle Masonry

▶ **Form Distributor**: Fox Blocks by Airlite Plastics Co.

> Architect: Sherman Carter Barnhart Architects

MEP Engineering: CMTA

Other Team Member: Justice Olson

ICF System: Fox Blocks

- > Wood floors in classrooms, library, and offices
- ▶ Includes 104,000-piece Lego bulldog mascot
- > 180+ inch video wall in the cafeteria
- > Gym doubles as safe room for emergencies
- > Common area for students, cafeteria, gym
- Media center with flexible seating and furnishings





Education

Ellis Elementary School



Project Statistics

Location: Logan, Utah

> Type: School **Size**: 55,400 sq. ft. > ICF Use: 35,808 sq. ft.

Cost: \$16.7 million

> Total Construction: 87 weeks > ICF Installation Time: 150 days

Construction Team

Owner/Developer: Logan City School District

General Contractor: DWA Construction

ICF Installer: IMS Masonry

> Architect: Design West Architects Mason Contractor: Hunsaker Exteriors

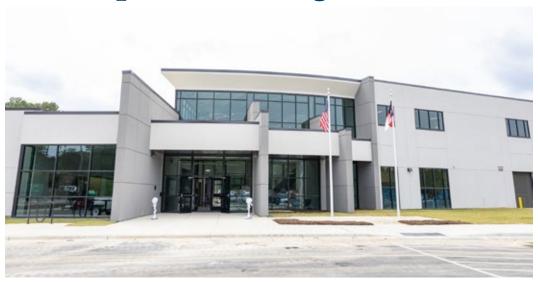
> ICF System: Fox Blocks

- > Thin brick used as an exterior finish
- School is used year-round
- Cooled by water from irrigation canal
- Design West Architects's founder designed the original Ellis School in 1893
- > Basement of the school, which has storage and mechanical systems, is a bentonite boat





Aspire Trade High School



Project Statistics

> Location: Huntersville, North Carolina

> Type: School

Size: 65,561 sq. ft. > ICF Use: 28,728 sq. ft. Cost: \$18.7 million

> Total Construction: 14 months > ICF Installation Time: 90 days

Construction Team

> Owner/Developer: Aspire Carolinas Foundation Inc.

General Contractor: Samet Corp. > ICF Installer: Olympic Construction > Form Distributor: Concrete Supply

Architect: Boomerang Design > Other Team Member: Andy Horgan

ICF System: Nudura



- > Only school of its kind in North Carolina
- Features hands-on trade labs.
- > Students select the trade major of their choice
- > Funding partially raised from local and national trade companies
- > Trade companies also participate in the curriculum







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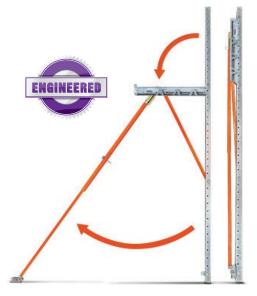
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