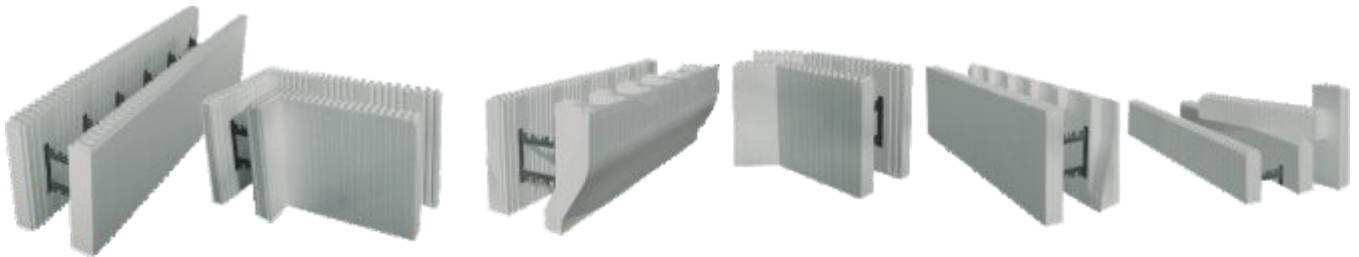


CONGRATULATIONS  
to the Winners  
of the  
**2017 LOGIX AWARDS**



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# BASHA KILL ACRES HOME

1<sup>ST</sup>  
RUNNER UP

Small  
Residential

2017  
Logix  
Awards

Type of Building.....Residential  
Location.....Wurtsboro, NY

Size.....1,941 sq. ft.  
Year Built.....2016

## Design Highlights

This two storey plus basement home features an elegant yet simple rectangular design to minimize surface area exposure and heating and cooling loads. Floor trusses clear span to allow for an open concept design with higher ceilings, and a raised heel truss design was incorporated into the roof system.



## Construction Facts

This home was self-built by the homeowner who is a HERS rater and certified Passive Home consultant. A newborn child entering the picture midway through the build definitely added some excitement to the process!



## Resilience, Sustainability & Comfort Notes

- This home features R-36 Logix walls (Logix Platinum + Logix D-Rv insert panels), R-70 ceiling insulation and R-20 under-slab insulation. It achieved a HERS Rating of 3 with solar and a HERS Rating of 30 without. With the PV solar turned on, this home is producing an energy credit. Overall project cost is estimated at only \$126/sq. ft.

“This project shows not only the comfort, durability and efficiency levels that are achievable with a Logix home (heating design load only 10kbtu and cooling only 8kbtu), but also shows that this method of construction is accessible to anyone.”

- TROY H.,  
HOMEOWNER

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# SU VERDE - THE PROUD GREEN HOME OF KENTUCKY

Type of Building.....Residential  
Location.....Louisville, KY

Size.....2,400 sq. ft.  
Year Built.....2016

**WINNER**  
**Small Residential**

**2017 Logix Awards**

## Design Highlights

This home is located in a New Urbanism community that is culturally rich and socially restorative, promoting health, wellness and healthy spaces. The community features a common geothermal system and this home is oriented to optimize solar heat loss/gain.



## Construction Facts

All six sides of this home are effective thermal breaks — 6" foam underslab, insulated footings, R-85 roof insulation and R-25 Logix Pro walls furred out to R-40. Logix Pro Buck™ was used in openings to eliminate thermal breaks and triple pane windows were chosen.



## Resilience, Sustainability & Comfort Notes

- This home achieved a .6 ACH/HR and has been recognized as LEED v4 Platinum, NAHB Emerald and DOE Net Zero.

"This beautiful home is stylish, incredibly efficient, and extraordinarily comfortable and livable."

- TRAVIS KITRELL,  
LOGIX TERRITORY MANAGER

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# ARENA TESORO

1<sup>ST</sup>  
RUNNER UP

Large  
Residential

2017  
Logix  
Awards

Type of Building.....Residential  
Location.....Kaukauna, WI

Size.....7,500 sq. ft.  
Year Built.....2015

### Design Highlights

This stunning home features many unusual angles, 20 arched windows and two oval windows. Ten inch Logix walls were used for the basement walls, and 6.25" Logix walls were used for the above-grade walls in order to create a ledge for the floor trusses. The main floor walls are 12' high and feature a flying gable. This beautiful home also features stunning stone detailing throughout.



### Construction Facts

The most difficult construction challenge with this project was to marry the boathouse, which is 45 degrees off the house, to the Logix walls of the main house. The boathouse footings are 7' below water level and the footings for the Logix walls are 2' below water level. The homeowner built this home himself after taking a Logix training course.



### CONTACT:

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### Resilience, Sustainability & Comfort Notes

- This 7,500 sq. ft. home is conditioned with four ground water heat pumps that will operate at night only for a budgeted monthly cost of \$300, including heating the water in the indoor pool.

"As the owner of the home I am very satisfied with the Logix system. Logix allowed me the versatility and flexibility I needed to build this home as I envisioned it."

- ROBERT R.  
HOMEOWNER

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# THE SHELVING ROCK HOME

Building Type.....Residential  
Location.....Glenville, NY

Size.....4,280 sq. ft.  
Year Built.....2016

WINNER  
Large  
Residential

2017  
Logix  
Awards

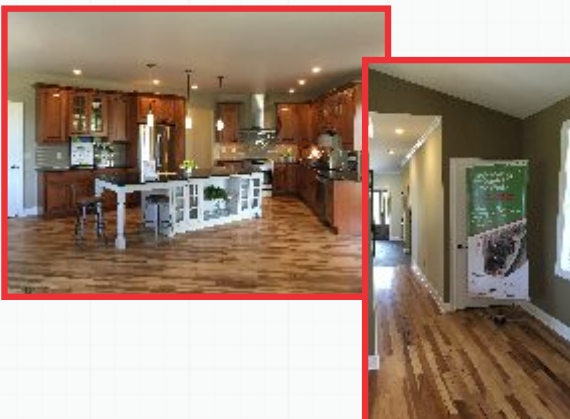
## Design Highlights

This beautiful home was designed in accordance with Universal Design principles to facilitate "aging in place". It features 36" doors, 4' wide hallways, no step-in showers, and door handles (not knobs). The complicated design included 30 corners total (16 of them 45° degree corners), 178 trusses and a very intricate roof line.



## Construction Facts

This was a pure winter build and Logix ICF made all the difference. Concrete was poured on 15° F days, and on the day following the pour, the concrete was still 73° F!



## Resilience, Sustainability & Comfort Notes

- Built with Logix Pro for R-25 wall assembly thermal performance and Logix Pro Buck™ in all openings for maximum thermal stability, this Net Zero Home achieved a HERS Rating of 33 without solar. And, it's air tight with 0.3 ACH/HR @ 50 pascals.

"This is a phenomenal home built by Andy Ellis of Halfmoon Construction Company. It won Best Large Residential Project at the 2016 ICF Builder Awards."

- WIN PECK, LOGIX TERRITORY MANAGER

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# HUTTERITE MULTI-PLEX

Type of Building.....Multi-Residential  
Location.....Rimby, AB

Size.....19,400 sq. ft.  
Year Built.....2014

1<sup>ST</sup>  
RUNNER UP

Mid-Rise &  
Multi-Family

2017  
Logix  
Awards

## Design Highlights

This multi-plex contains seven units, each with two floors (including the finished lower level) and each containing a total of 5,400 sq. ft. of living space. Each unit contains five to six bedrooms and a common living space, but no kitchen as meals are served in a communal common area.



## Construction Facts

For this multi-residential project, 6.25" core Logix was used for all below and above-grade exterior walls as well as for the fire-rated demising walls between the units. The ICF installer in this case was very experienced, and this was a straight-forward build.



## Resilience, Sustainability & Comfort Notes

- Logix Platinum Series was selected on this project for its superior effective wall assembly R-value of R-28. The entire slab contains radiant heat, and the upper areas are heated with fan coils, all powered by a single boiler unit.

"Hutterites build for a 100-200 year building life. They think and plan for the long term. This is why Logix Platinum was such a good fit for this Hutterite colony."

- MATT KRAY,  
LOGIX DEALER

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# THE OXBOW AT TUXEDO POINT

Type of Building.....Mid-Rise  
Location.....Winnipeg, MB

Size.....181,000 sq. ft.  
Year Built.....2016

**WINNER**

**Mid-Rise & Multi-Family**

**2017  
Logix  
Awards**

## Design Highlights

Logix was used to construct the below-grade parkade walls for this mid-rise building as well as all the exterior above-grade walls. Demising walls were constructed with CMU (load-bearing corridor walls) and steel stud (non-load-bearing). Pre-cast concrete floors were specified.



## Construction Facts

Each 36,000 sq. ft. floor of this mid-rise building was constructed in a 4-week cycle. The biggest challenge of the project was the coordination of four different trades, especially during the winter months when the CMU walls required extensive heating and hoarding.



## Resilience, Sustainability & Comfort Notes

- The ICF exterior walls for this mid-rise building required only about 50% of the MH/SQ labor required to construct the uninsulated CMU demising walls.

"We built a similar-sized mid-rise building right beside this one, and at the same time, using wood-frame construction. The construction cost for the higher quality ICF building came in at roughly the same cost as the wood-frame building."

- HARV SCHELLENBERG,  
HP BUILDERS

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# CABELA'S NORTH EDMONTON

Type of Building.....Commercial  
Location.....Edmonton, AB

Size.....26,500 sq. ft.  
Year Built.....2013

1<sup>ST</sup>  
RUNNER UP  
Commercial

2017  
Logix  
Awards

## Design Highlights

Eight inch Logix Pro was specified for the 30' tall walls in this commercial building. This was the 5<sup>th</sup> Cabela's constructed in Canada using ICF, and the 4<sup>th</sup> one constructed using Logix ICF. The design is also notable for its large embed plates, which were required for the roof assembly and the integral rebar columns in the walls.



## Construction Facts

Utilizing a combination of Logix ICF and Uniscaffold Tall Wall bracing in this commercial project made for an efficient, safe and high quality build. Any delays potentially caused by cold and wet weather elements were minimized by the crew and Logix ICF. Also, unassembled Logix KD was also used in this project to quickly build ICF forms around the many integral rebar columns.



## Resilience, Sustainability & Comfort Notes

- This Logix installation was completed on budget and on time in just seven weeks during a cold Edmonton fall. This smooth build featured a .116 MH/Sq.Ft. labor rate, which is very good for 30'+ tall walls built in colder conditions.

"The insulated concrete form (ICF) scope of work for this project was completed in a professional manner, on time, and contributed to producing a quality facility."

- JENNIFER KINZER, PROJECT MANAGER.  
PCL CONSTRUCTION MANAGEMENT INC.

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# AHMADIYYA MUSLIM MOSQUE

Type of Building.....Institutional  
Location.....Saskatoon, SK

Size.....21,500 sq. ft.  
Year Built.....2016

WINNER

Commercial

2017  
Logix  
Awards

## Design Highlights

An effective R-value of R-33 was specified for this institutional project and was attained using 10" core Logix Pro in combination with Logix D-Rv panels. The building uses a complex building design, featuring 30', 28' and 25' tall walls, a parapet, a turret and a 12' diameter feature minaret — all built with Logix. Logix was also used to build the interior walls that separate the three main areas of the facility — the prayer hall, office and multi-purpose gym.



## Construction Facts

This project was the installer's first ICF project and a number of significant challenges were successfully overcome. Initially, the grade beams were designed too narrow and this had to be worked through. Different wall thicknesses (10" to 8") also had to be integrated and there were many short corners to contend with. Demanding cold winter conditions also had to be overcome.



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## Resilience, Sustainability & Comfort Notes

- This place of worship is located beside a busy highway and the sound-dampening qualities of Logix walls are perfect for this type of application. The high performance R-33 building envelope will dramatically reduce operating costs for the entire life span of the building.

"The rugged and versatile Logix ICF system used in combination with the best-in-class Unisccaffold ICF tall wall scaffolding system helped this first time ICF installer to overcome a number of challenges and successfully deliver a top quality high-performance facility."

- LYLE HAMILTON, VICE PRESIDENT OF SALES,  
LOGIX WESTERN DIVISION

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