



Superior Walls[®]

• SINCE 1981 •

CELEBRATING 35 YEARS

Superior Walls by Magnis

Sought to reinvent New Home Building Construction

1

The latest in
Green
Foundation
Technology

2

Conduct more
work away from
the construction
site

3

Develop a system
that would be
less dependent
on available
worksite labor

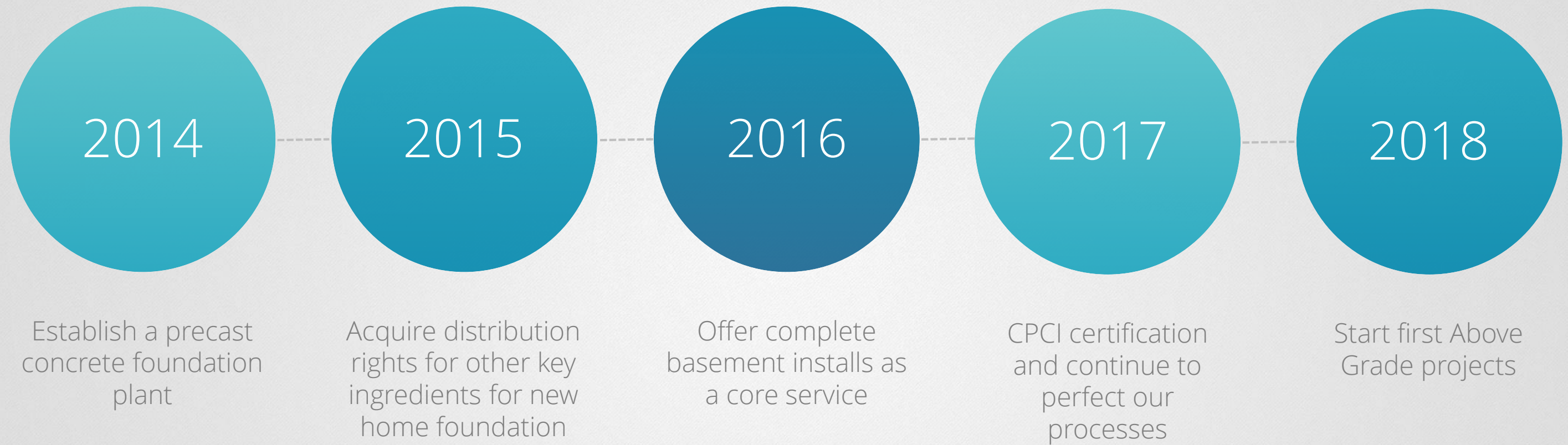
4

Extend the
outdoor
construction
season

Today's Market

- Cost of labor is high \$
- Qualified labor \$\$
- Tough to find full, qualified work crews
- Cost of concrete in remote locations is high
- Industry has moved into RTM and Modular Homes to keep prices down and quality high

Our Strategy



How We Make Precast Concrete Wall Panels



The plant in Beausejour, MB

Introducing the **Problem** with **Poured-In-Place Foundations**



Poured-In-Place foundations do not cure properly



Introducing Xi Plus Wall Panels from Superior Walls

-
- ✓ Insulated up to R-24
 - ✓ Damp Proof
 - ✓ Eco-Friendly

Xi Plus comes in 4 different heights

10'

9'

8'

4'

How We Install Precast Concrete Wall Panels



How We Install Precast Concrete Wall Panels



How We Install Precast Concrete Wall Panels



Above Grade Multi-Family



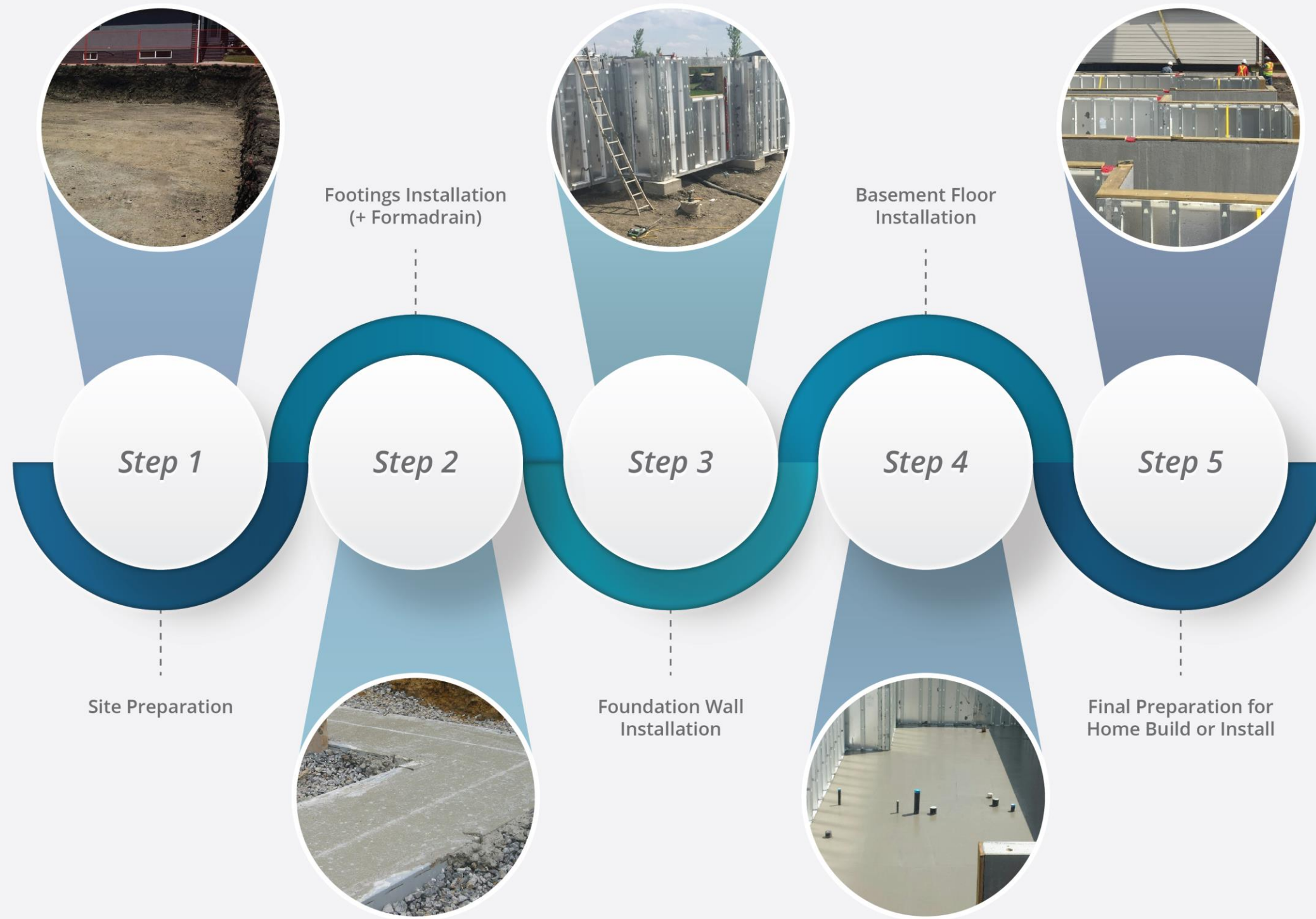
Concrete used for making the panels is **5000 psi in strength**

Precast concrete wall panels use 2/3 less concrete than traditional poured-in-place walls.

We evaluate each batch of concrete delivered to our Beausejour, Manitoba plant.



Complete Basement Installs



Precast Advantages

Built-in Features	Precast Walls	Traditional Foundations
Insulated	Yes	No
Studded	Yes	No
Precast Access Holes	Yes	No
Damp-proof	Yes	No
Crushed Stone Footing	Yes	No
Installs In Hours	Yes	No

GREEN STORY










- ★ **Build An Energy-Efficient Foundation For Your New Home!**
- ★ **Improve Air Quality In Your New Home!**
- ★ **Minimize Your Environmental Impact!**



Cost Comparison (concrete piles)

	Superior Walls	ICF	PIP
 Engineering	Included	\$750	\$750
 Survey	\$750	\$750	\$750
 Excavation/Backfill	\$2,600	\$2,600	\$2,600
 Concrete Piles	\$15,900	\$15,900	\$15,900
 Drain Tile System	\$5,300	\$5,300	\$5,300
 Foundation Walls	\$23,100	\$24,100	\$14,420
 2 x 10 P/T Sill Plate	\$1,000	\$1,000	\$1,000
 Damp Proofing	\$240	Not Applicable	\$240
 Frost Wall	Not Applicable	Not Applicable	\$1,930
Total	\$48,890	\$50,400	\$42,890
	100%	103%	88%

Cost Comparison (stone footings)

	Stone Footings (Superior Walls)	Concrete Footings (ICF)	Concrete Footings (PIP)
 Engineering	Included	\$750	\$750
 Survey	\$750	\$750	\$750
 Excavation/Backfill	\$2,600	\$2,600	\$2,600
 Footings	\$3,600	\$10,950	\$10,950
 Drain Tile System	\$5,300	\$5,300	\$5,300
 Foundation Walls	\$23,100	\$24,100	\$14,420
 2 x 10 P/T Sill Plate	\$1,000	\$1,000	\$1,000
 Damp Proofing	\$240	Not Applicable	\$240
 Frost Wall	Not Applicable	Not Applicable	\$1,930
Total	\$36,590	\$45,450	\$37,940
	100%	124.2%	103.7%

140+ Local Installs Since January 2015

Builder partners



Q&A

- ✓ Where do you manufacture the wall panels?
- ✓ How do you seal the wall panels together?
- ✓ Why is it only a 15 year warranty and not longer?
- ✓ How can it be so much stronger than a PIP foundation?

Product Comparison

	Superior Walls	ICF	PIP
5,000psi Plus+ concrete	✓	—	—
Walls manufactured in a climate-controlled factory	✓	—	—
Installed by factory-certified installation crew	✓	—	—
Rebar always present in a pre-engineered configuration	✓	—	—
No need for concrete footer before foundation walls constructed	✓	—	—
Can use crushed stone footing	✓	—	—
Readily able to be installed in cold weather in the winter	✓	—	—
Sill plate holes provided	✓	—	—
Provided with a continuous layer of R-24 insulation bonded directly to the concrete	✓	✓*	—
Holes provided for wiring and plumbing	✓	—	—
Galvanized stud facings built into the wall	✓	—	—
Allow for increasing the amount of insulation without the need to install additional framing	✓	—	—
Foundation installation time average ½ to 1 day	✓	—	—
Ready to finish from factory	✓	—	—