

Building Better Communities

THE FUTURE OF CONSTRUCTION

bigBLOCK
construction



PIONEER

Developed new seeds with
Agriculture Canada



INNOVATOR

Worked hard to make
change in his industry



THE CHALLENGE

Need to produce more food
for the growing global
population



Evolution of the Construction Industry.....

Just as the agriculture industry evolved to feed the growing global population, so must the construction industry evolve.



AGRICULTURE

Then and Now



CONSTRUCTION

Now and the Future



WE BELIEVE COMMUNITIES CAN BE RESPONSIBLY PLANNED AND BUILT WITH SUCH MASTERY THAT CANADIANS FIND WELLNESS AND PROSPERITY BEHIND EVERY DOOR

OUR MISSION IS TO ACCELERATE THE ADOPTION OF EFFICIENT AND SUSTAINABLE DEVELOPMENT PROCESSES AND PRACTICES

Our Values

Excellence

We challenge the status quo

Honesty

We provide trust through transparency

Tenacity

We follow through and never give up

Fun

We work hard and play hard

Innovation

We are courageous through creativity

Collaboration

We leverage shared knowledge

netzero

bigBLOCK

CONSTRUCTION



CANADA'S FIRST NET ZERO READY MURB



Natural Resources
Canada



Canadian
Home Builders'
Association



Willowview Heights

227-238-107 Thode Ave.
Saskatoon, SASKATCHEWAN, S7W 1E9

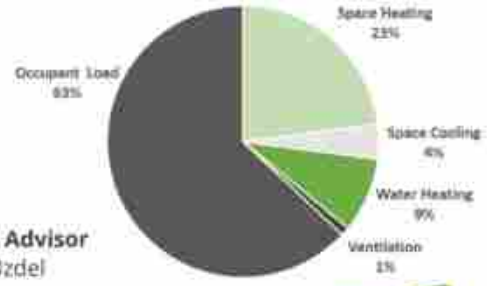
ENERGUIDE

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12 Units

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292 GJ

Energy Advisor
Darcy Bzdel

Service Organization
Sun Ridge Residential Inc.

Net Zero Ready MURB

BUILDING ENCLOSURE

Windows:
Berdick Windows, triple glazed

Walls:
R-36 2x10 wall,
staggered 2x6 & 2x4 studs

Ceiling:
R-80 blown-in

Foundation:
ICF crawlspace,
Lower units: R-28 2x8 wall

Airtightness:
0.47 ACH@50

Energy Consumption:
73% better than
NRCan reference house

MECHANICALS

Fuel Source:
dual fuel

Heating & Cooling:
Dettson Chinook furnace
Upper units: also include ASHP

Water Heating:
Rheem heat pump

Ventilation:
Upper units: Lifebreath HRV
Lower units: VanEE ERV

KEY NUMBERS

- 5 Months – Turn Dirt to Occupancy (Fast)
- 50% Less Carbon Footprint
- 70% Less Neighborhood Site Disruption
- 3% Increase in Construction Costs
- 73% Better than NRCan reference House





Wasteful traditional methods



MODULAR CONSTRUCTION & THE BENEFITS

- More efficient design process
- Faster build times
- Strict quality control standards
- Protection from adverse weather conditions
- Built on time and on budget
- No material damage or theft
- Reduced construction waste
- Reduced commute time for workers
- Lower injuries across entire construction process





**A Few Examples of
Modular Built Projects
Throughout the Years**



Our Clients & Partners

Community Minded Organizations

- Non Profits
- Affordable / Entry Level Housing
- Seniors Residences
- Indigenous Groups
- Investors

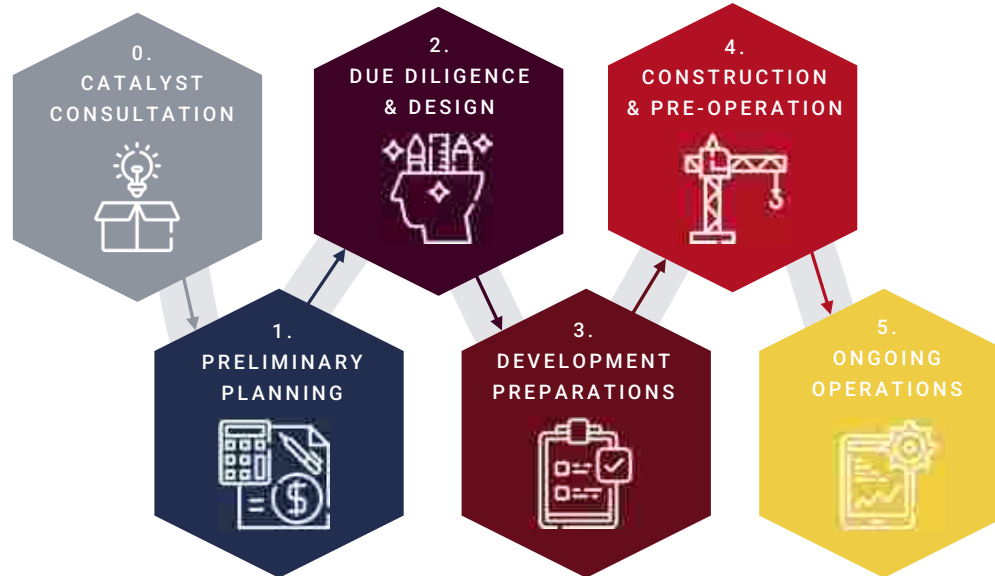
Govt Agencies & Professional Organizations

- Local City Housing and Planning
- Provincial and Federal Housing Agencies
- Architects, Engineers, Appraisers
- Modular Builders, Local Trades

A REPEATABLE PROCESS FOR SUCCESS

Birth of the Kickstart Kit

We use this tool to help guide clients through the development journey. We do this so that developments can embody **sustainability for generations to come.**



THEIR GUIDE TO A SUSTAINABLE DEVELOPMENT

The Kickstart Kit

Faster

We can **fast track** clients from design to construction very quickly

Lower Risk

Integrating finance and design into construction means fewer surprises

Proven Method

We have built over 1,500 affordable units using this method

True Integrated Design Process

Project equity sources and modular are considered right from the early design stage

Embody Sustainability

The project must make sense both now and for generations to come

Better Client Satisfaction

When you can make bold promises and keep them, you gain the trust and confidence of those you work with



Help Build a Better Future

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LET'S BUILD COMMUNITIES TOGETHER

