Jasper Rebuild

Foundation Construction

The purpose of this document is to provide high-level information on residential foundation construction in Jasper. If you have questions about the specific methods or processes your builder is using, it is best to contact them directly. Alberta builders use a variety of systems, construction practices, and quality-control measures to ensure foundations are built safely and perform as intended.

All residential foundations constructed in Jasper are inspected by Safety Codes Officers to confirm compliance with the Alberta Building Code. Engineering inspections are not required when the foundation complies with the Alberta Building Code.

In addition, new home foundations are covered by **Alberta's New Home Warranty, which provides 10 years of structural coverage.** More information on Alberta's New Home Warranty is available here.

Methods for Constructing Foundations

There are various ways to construct a foundation. The foundations will be constructed to comply with the Alberta Building Code, and appropriate Canadian Standards Association (CSA) standards and requirements. Some but not all the methods that may be used during the Jasper Rebuild include:

- *Insulated Concrete Forms (ICF)* are permanent forms that are stacked, reinforced with steel, and filled with concrete to create foundation walls with continuous insulation and air sealing.
- *Conventional Cast-in-Place Concrete* is poured into temporary forms that are removed after curing, and insulation is added separately.
- *Slab-on-Grade Foundations* are reinforced concrete slabs poured directly on prepared ground with insulation below and at the edges.

Please note that many builders have concrete experts and specialists on their teams who review the construction of the foundation, including the concrete, for each site, ensuring that every foundation meets the required standards and testing requirements.