



connected. sustainable.



-Steve Jackson, President CEA, NCSO

-Enviromatics Group Ltd has 3 CEA's on staff and currently test 120+/- homes/month in Edmonton and Calgary

-Enviromatics owns & operates a licensed Natural Resources Canada service organization called Enervision-Healthy Housing Choices.

-Enervision is the "Administrative Agent" for Built Green Canada in Western Canada.

New Housing Programs





Energuide for New Homes

Typical Energy Efficiency Ratings

Type of House	Rating
New House build to building code standards	65-72
New house with some energy-efficiency improvements	73-79
Energy-efficient new house	80-90
House requiring little or no purchased energy	91-100

Homes Built Today to Current Building Code Practices

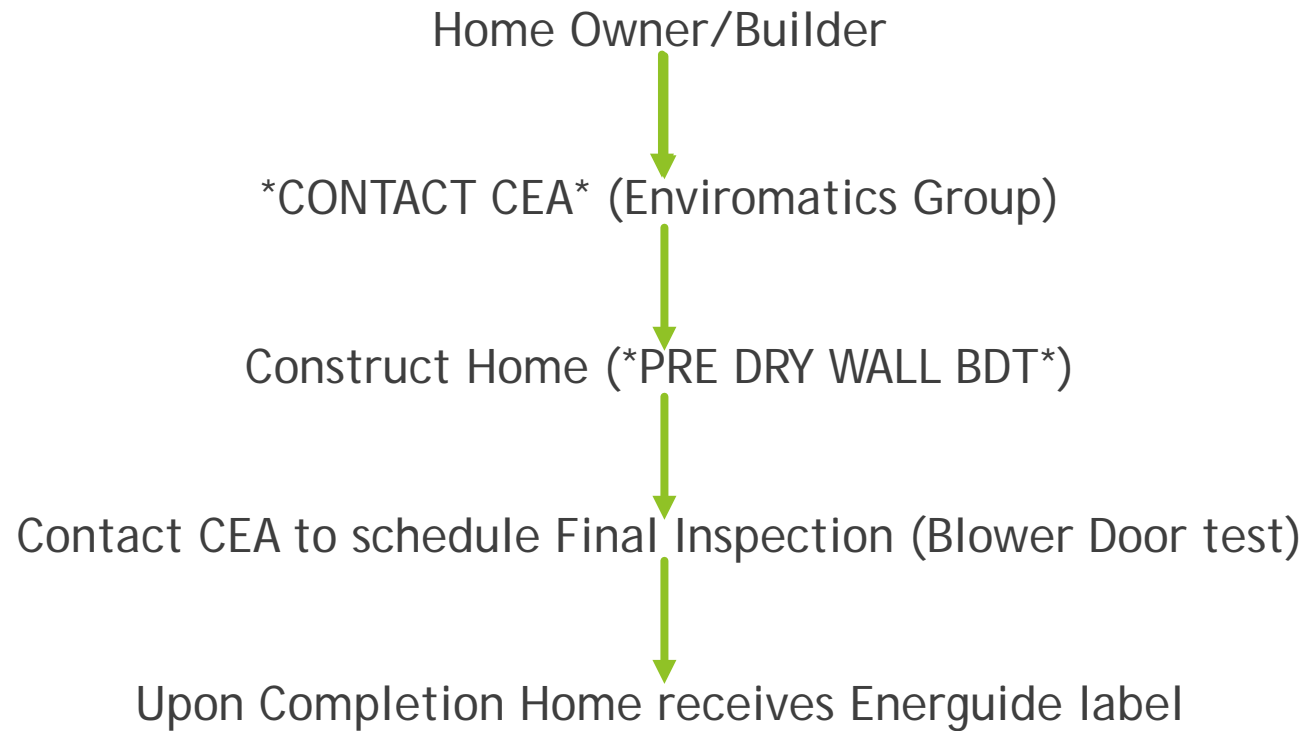
- ▶ R20 Exterior Wall Insulation
- ▶ R12 Frost Wall Insulation
- ▶ R40 Ceiling Insulation
- ▶ Dual Pane Windows
- ▶ 92% AFUE Furnace
- ▶ 67% 40-50 Gallon Hot Water Tank
- ▶ No HRV

Most Common Upgrades to meet required Energuide 80

- ▶ Triple Pane Low e- Argon Windows
- ▶ R20 Frost Wall Insulation
- ▶ R50 Ceiling Insulation
- ▶ 95+% AFUE Furnace
- ▶ 67+% Efficient Domestic Hot Water Tank or Instant Hot Water
- ▶ Heat Recovery Ventilator (HRV)
- ▶ Drain Water Heat Recovery
- ▶ Air Tightness!!!!

THIS IS NOT A GENERAL LIST TO BE USED

Process





THANK YOU



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