



Cornish NH Energy Committee Educational Forum

FUNDAMENTALS OF ENERGY-SMART, COST CONSCIOUS BUILDING

A Talk by Ethan Cole & Ryan Hereth
FOR BOTH EXPERTS & BEGINNERS!

Tues. Dec. 2, 2025
7-8:30pm
Via Zoom only

PRE-REGISTRATION
REQUIRED: [LINK](#)

This talk is for builders and homeowners alike and will explore:

- What makes the most durable, energy efficient building envelope.
- How to safely & economically achieve building tightness.
- The best wall and roof assemblies money can buy.
- Vapor barrier vs. air barrier - differences & importance.
- How best to seal around windows & other framing transitions (wall to roof).
- Continuous insulation & the pros and cons of different types of insulation.
- How this can be applied to weatherizing existing homes.



Ethan Cole is the Owner/CEO of Earthshare Construction LLC, based in Lebanon NH, which since 2011 has been producing high performance buildings, remodels, energy retrofits & weatherization projects in the greater Upper Valley. Ethan has over 20 years of experience in the trades, and holds dual Envelope Professional and Building Analyst Professional certifications from the Building Performance Institute (BPI).



Ryan Hereth is the CEO of Geobarns LLC, a Vermont based company that has been building barn-style structures in the upper valley since 1992. In the past ten years Ryan has adapted Geobarns structures into high performance, durable buildings. Most recently Ryan has worked on comparative building assemblies, examining the impact & use of natural vs. man-made materials to reduce embodied carbon.

Contact josharf@gmail.com with any questions.

Please note: The Cornish Energy Committee does not endorse any particular contractor or product brand. This event is for educational purposes only.