

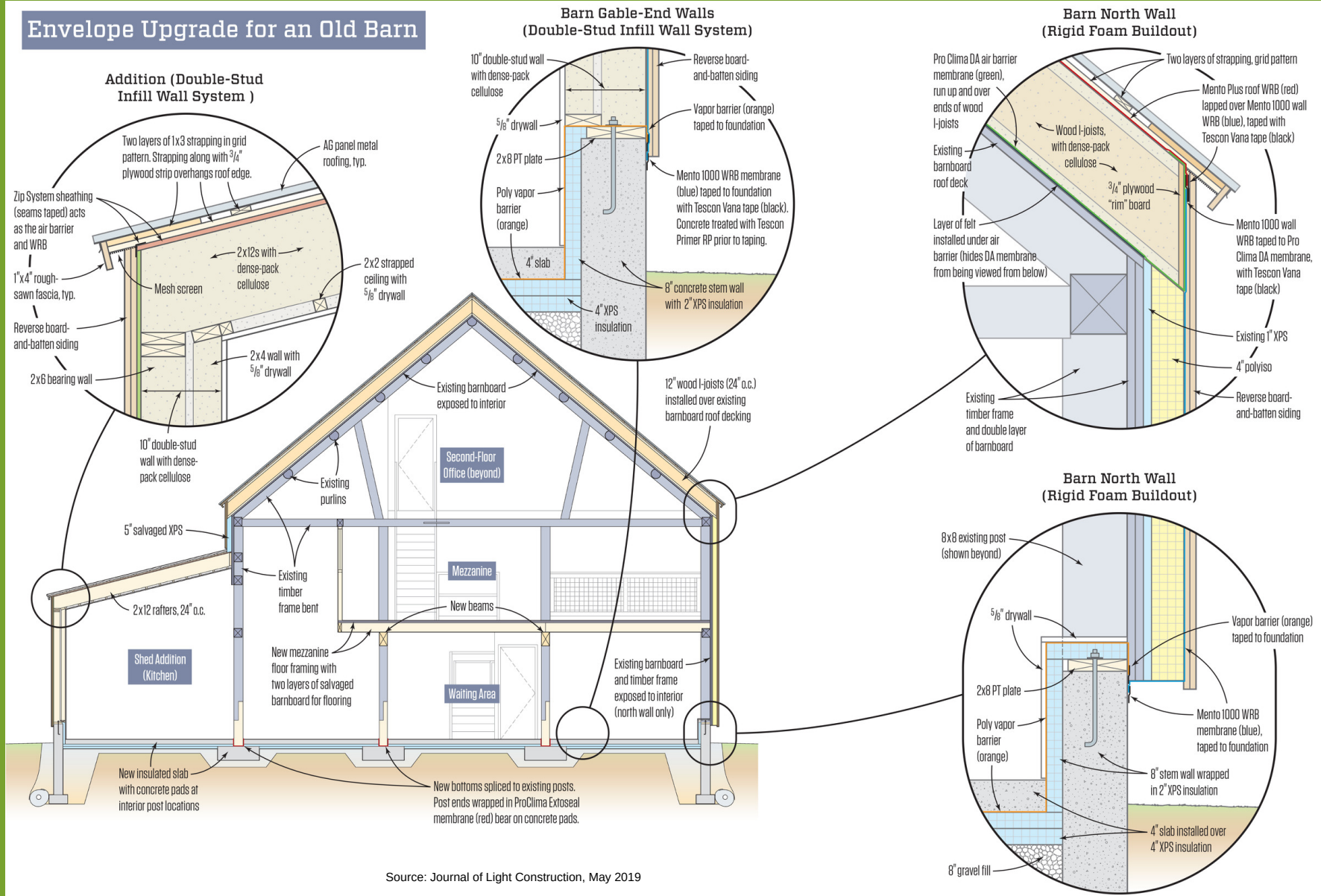
case study



Maine Passive House moved a 200-year old barn and replaced it on a new foundation, creating a modern, high performing restaurant, with all the charm and history of the old building. Built on a tight budget, the building has 10" double stud walls and an airtight envelope. Under construction it was heated with a single 5500W electric heater, proving that high performance doesn't have to cost a fortune.



Envelope Upgrade for an Old Barn



Source: Journal of Light Construction, May 2019

specs

Location: Oxford, Maine
 Year Completed: 2019
 Gross Floor Area: 3,000 sf
 Architect: Leslie Benson Designs

features

Deep Energy Retrofit
 Wall construction is airtight and allows for old construction to be visible from the inside
 New super insulated roof
 Wood fired pizza oven