

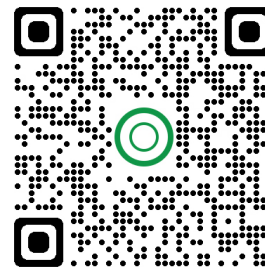


Kent, WA

OWNER | Jake Boyer

CPHC | Dan whimore

CONTRACTOR | Jake Boyer



“None of us had ever done anything like this before and it was a piece of cake!”

The Build SMART portion was the one thing that went smoothly. With a rag tag crew who had never done anything other than conventional framing we were able to put this thing together in a matter of days and get it dried in. Compound angles of the east wall were the only challenges we ran into during panel installation and only because the framing of the floor was done without consideration of the air barrier layer needing to be outboard of the rim joist, leaving us to make up an extra inch gap where the final two panels were to connect.

99% of the problems I experienced on the job were a result of me never having built a home myself and deciding that I was going to be my own architect, GC, and vast majority of subcontractors, all while maintaining my daily responsibilities and travel schedule for work. Home could have easily been done in less than half the time with a real crew.



Build SMART is an Off-Site Extension of your Team

Build SMART has been consistent in its message, we are not here to replace local trades or build in radical ways that won't be compatible with other components in your build or require unfamiliar techniques. Bottom line, E-Wall integrates well, "the thing that's great about the Build Smart system is that it is familiar to all of the trades that had to come in and kind of help us when we were working on trade work within the house." In fact, Build SMART rarely is the only environmentally conscious building solution or product that owners pursue to build their house or other structure. E-Wall complements those other things very nicely.



Unskilled Labor & Time Savings

Official ground breaking was Feb 26th 2019, but we still had to dig the old house out of the ground, have it surveyed for asbestos and approved before we could proceed. Actual form work started on March 13th 2019

Panel installation started on may 22nd and was dried in by May 14th. Actual panels took approximately 4 days to install with myself and two other guys plus crane operator. "None of us had ever done anything like this before and was a piece of cake!" Substantial completion was january 2020. could have been done in half the time with a full team

Time Savings

Everyone who worked on the project, especially during framing agreed that prefabrication is the way to go. Drywall hung faster, cabinets sat straighter, air tightness was easy and we even passed the blower door test before installing or sealing the air barrier section in the basement under the upper level deck.

BUILD BETTER. BUILD FASTER. **BUILD SMART.**

PERFORMANCE TARGET | Passive House

AIR TIGHTNESS | .021 ACH 50

SIZE | 3086 SQFT | 220 LF OF Panels

COMPLETION DATE | January 2020

HVAC ENGINEER | Dan whimore

LENDER | Washington Federal

EXTERIOR WALLS | 2X6 LSL with 3.5" EPS | 2X8 Dimensional framing with 3.5" eps

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BOYER PROJECT