

Project Data Sheet 5

600 Swartekill

Esopus, NY

2011 - 2012

700 sf before --> 700 sf renovated + 110 sf addition = 810 sf

Scope of work:

Owner GC - c.1960 cabin - a wreck before construction - complete renovation

Insulation/Envelope: spray foam insulation over crawl space floor and walls and in walls and rafters - R-15 to R-40 +/-, triple pane windows

HVAC: Heat Recovery Ventilator, air-source heat pump

Solar: 2 kW system with typical solar grants / tax credits

Envelope: Estimated air-tightness before renovation: ~ 7 ACH (air changes per hour)
Air-tightness after: 2.0 ACH
HERS index after: 33

Cost data: Total construction cost including complete re-build of existing structure, new addition, and site work ~ \$160K
Estimated energy use before renovation: ~ \$2400 per year
Estimated energy use after: ~ \$ 965 per year (60% reduction)
Actual energy costs ~ \$1300 per year (resident is not energy conscious at all)

Builder: Greenhill Contracting, Inc. - Anthony Aebi



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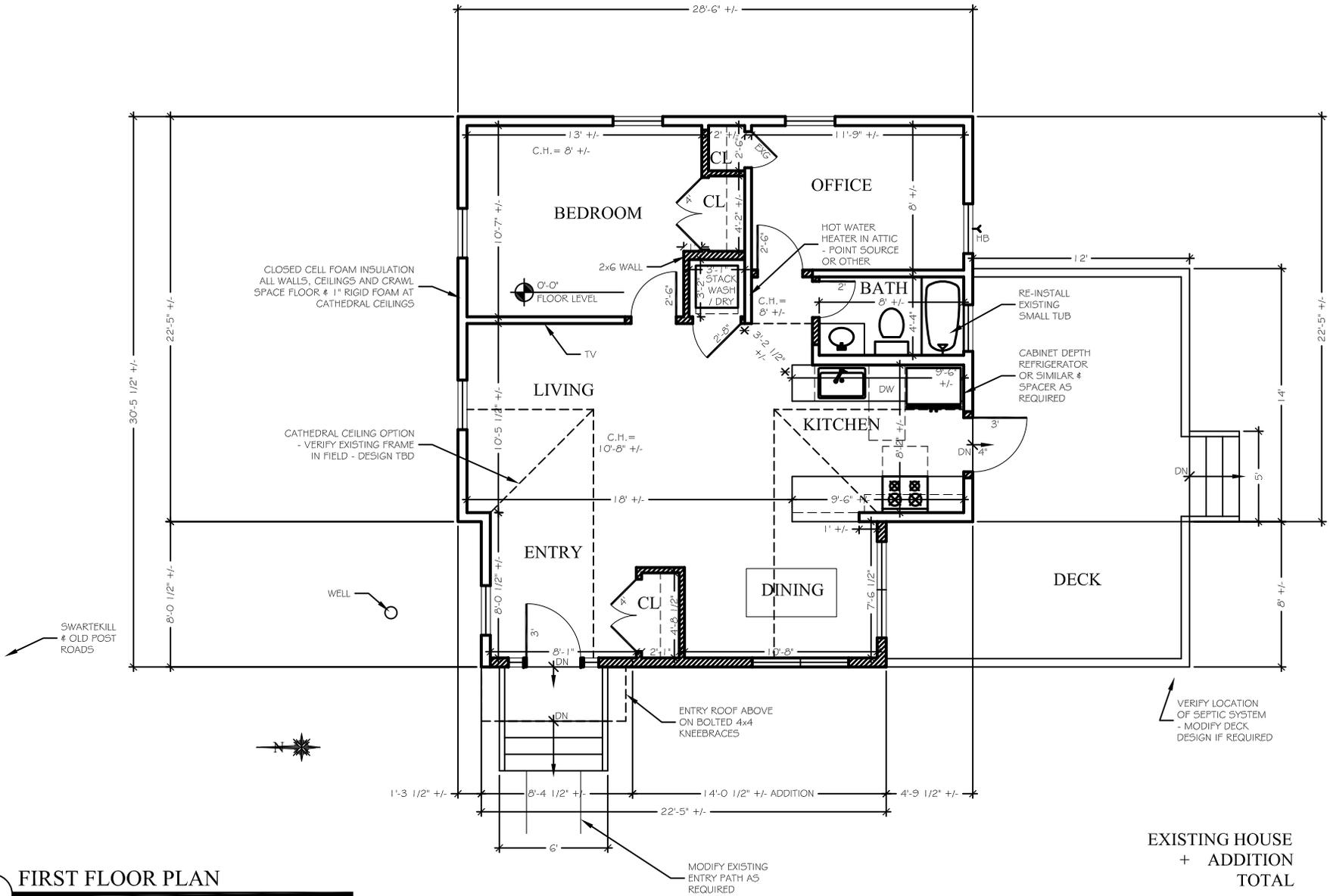
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1 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

EXISTING HOUSE	700 SF +/-
+ ADDITION	110 SF +/-
TOTAL	810 SF +/-

**RENOVATION FOR
ANTHONY AEBI
600 SWARTEKILL ROAD
TOWN OF ESOPUS, NY**

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