

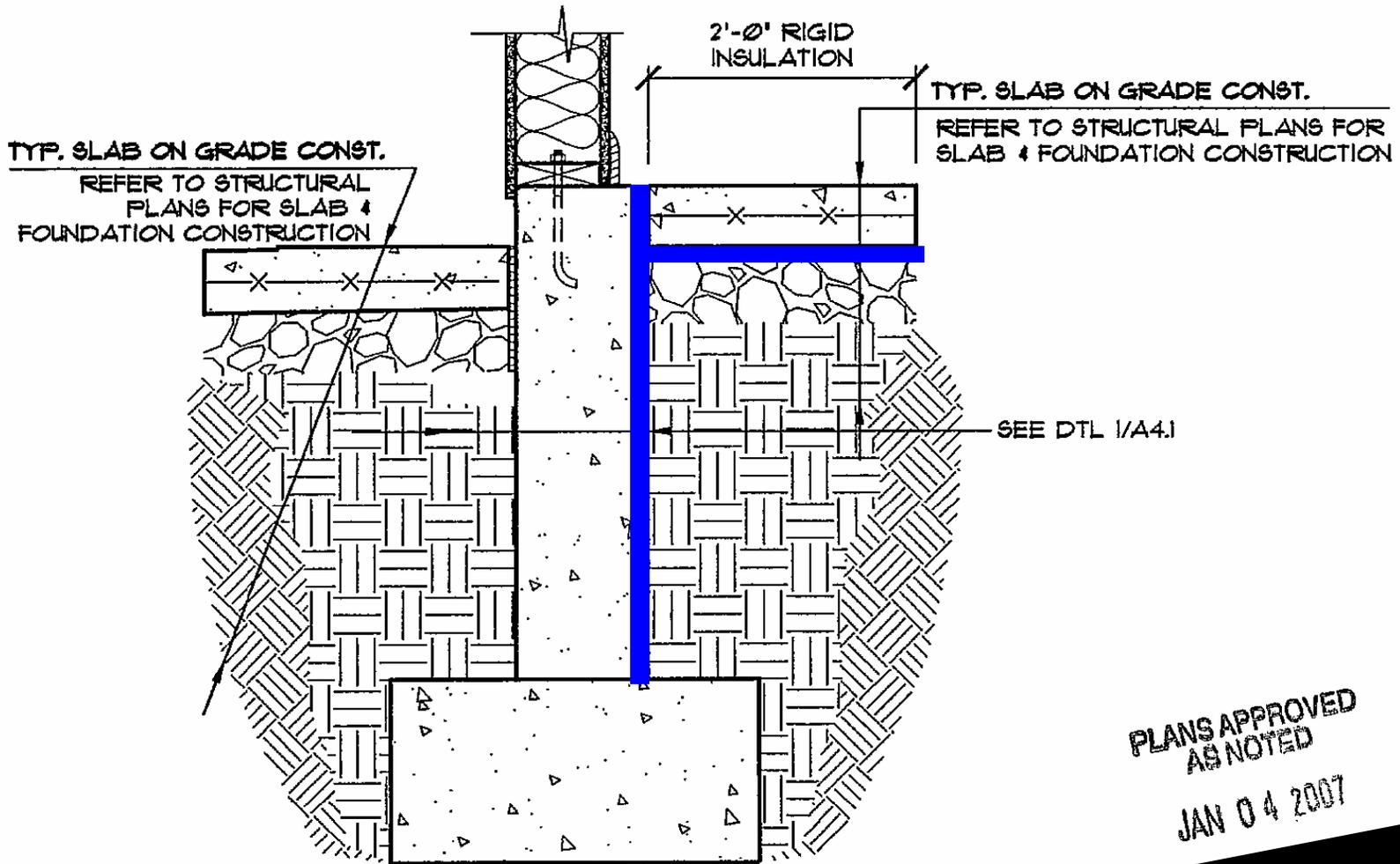
# REScheck

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## Most common path

- Frequently little (if any) review of Compliance Certificate
- Common errors:
  - Missing doors
  - Missing floors (over garage, porch, bump-out)
  - Inaccurate component areas





PLANS APPROVED  
AS NOTED  
JAN 04 2007

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**DETAIL: GARAGE/UNIT FOUNDATION**

SCALE: 1"=1'-0"

# Details on Plans

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## Insufficient Details

- Unspecified compliance path
- Continuous thermal envelope (no cross-sections)
- No window or door schedules with U-factors
- No proposed duct insulation
- Options chosen
- Conditioned vs. unconditioned basement



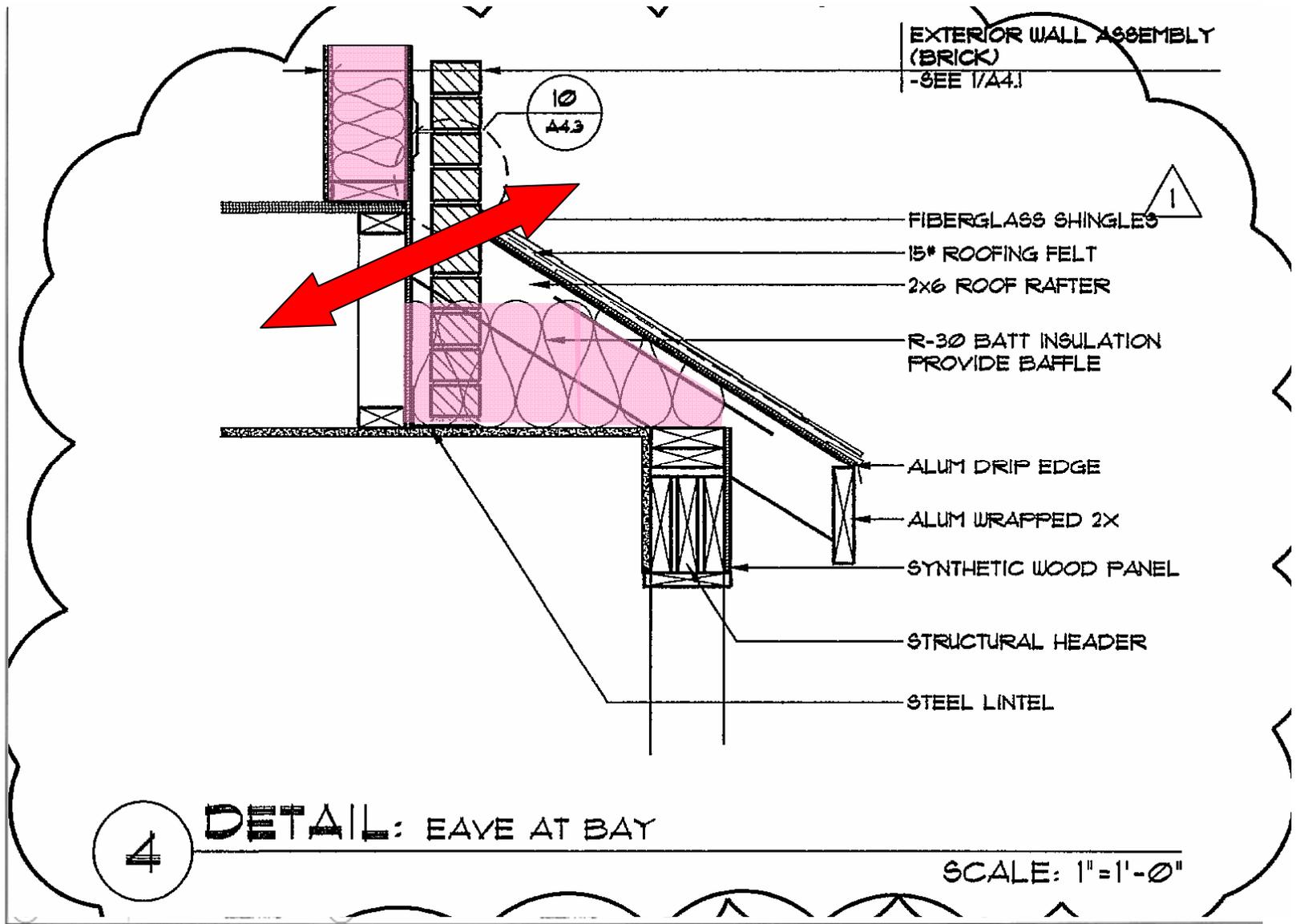
## INSULATION SCHEDULE

FLOOR INSULATION	R-19
WALL INSULATION	R-13
CEILING INSULATION	R-30
CONTINUOUS WALL INSULATION	R-3
DAYLIGHT BASEMENT INSULATION	N/A
HEATER EFFICIENCY	80% EFFICIENCY



### NOTES:

- BUILDER RESPONSIBLE FOR ALL BEAMS
- 8" CONCRETE FOUNDATION WALLS (TYP.)
- FULL BASEMENT
- SUMP PUMP OR DAYLIGHT DRAIN
- HEAT REGISTER W/ RETURN VENT
- MASONRY FRONT PER PLAN



# Inspections

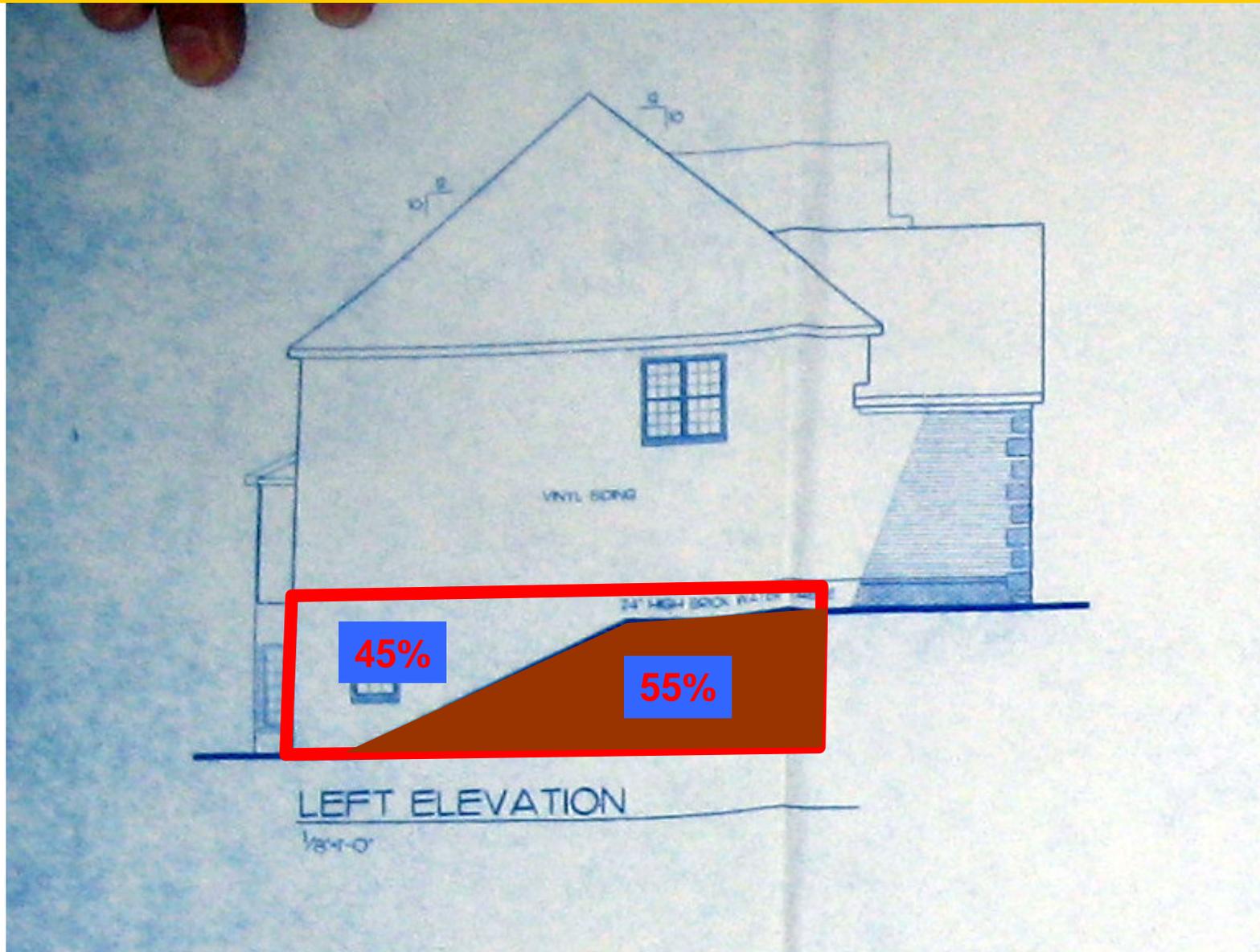
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1. Floodplain(\*)
- ☺ 2. Footing
- ☺ 3. Slab
4. Foundation wall rebar inspection (masonry/concrete)
- ☺ 5. Foundation Wall
6. Rough Plumbing
- ☺ 7. Rough Mechanical
8. Rough Gas
9. Rough Electrical
- ☺ 10. Rough Framing
- ☺ 11. Insulation
12. Wallboard
13. Final Plumbing
14. Final Mechanical
15. Final Gas
16. Final Electrical
17. Other inspections (\*)
18. Fire-Resistance(\*)
- ☺ 19. Final

☺ Inspections we will cover

# Rough Framing

# Basement Wall: R-10/13



# Above Grade Wall: R-19







Air barrier on the back side of a kneewall



# Ducts

Substantially airtight?



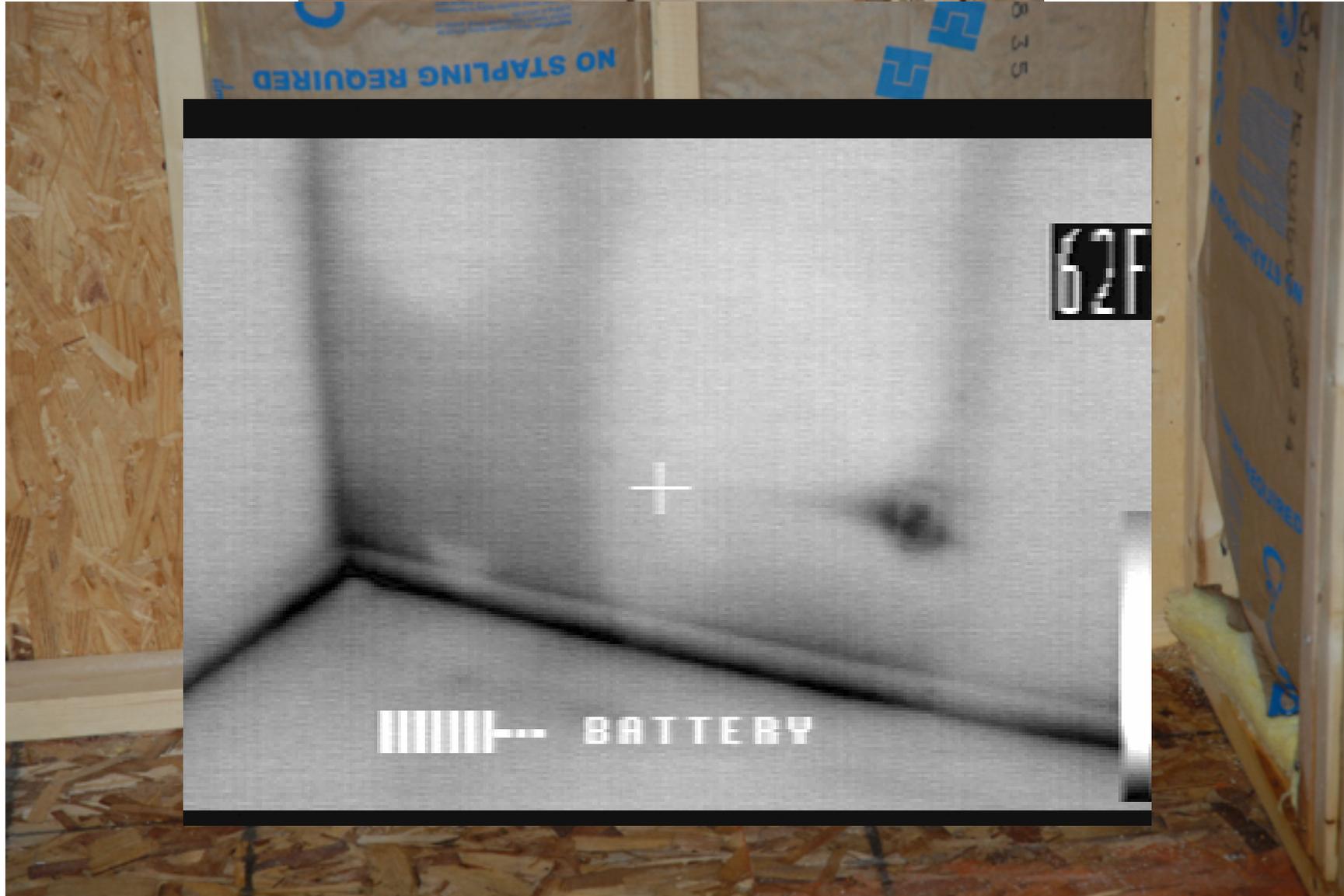






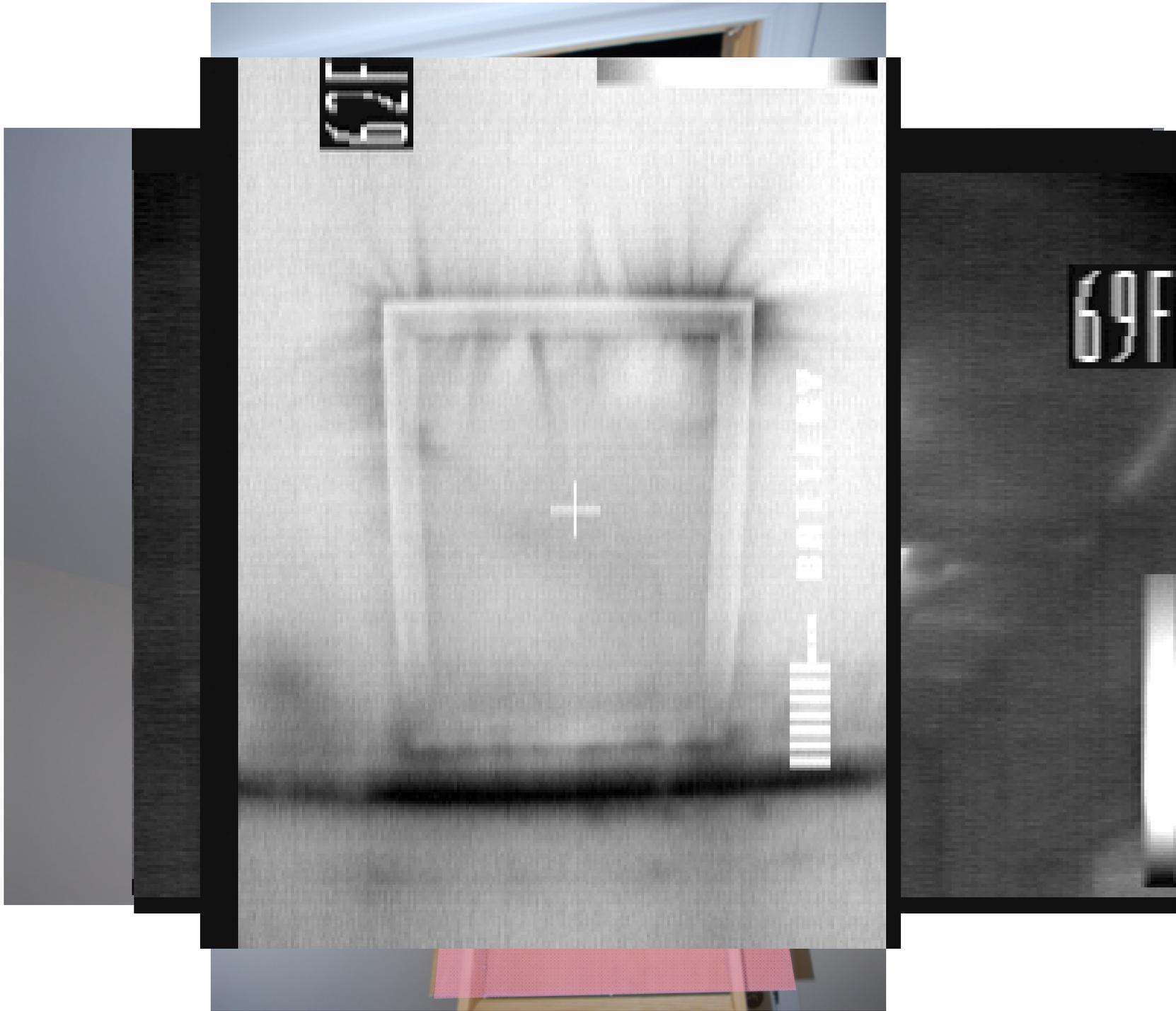
# Insulation

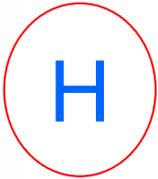






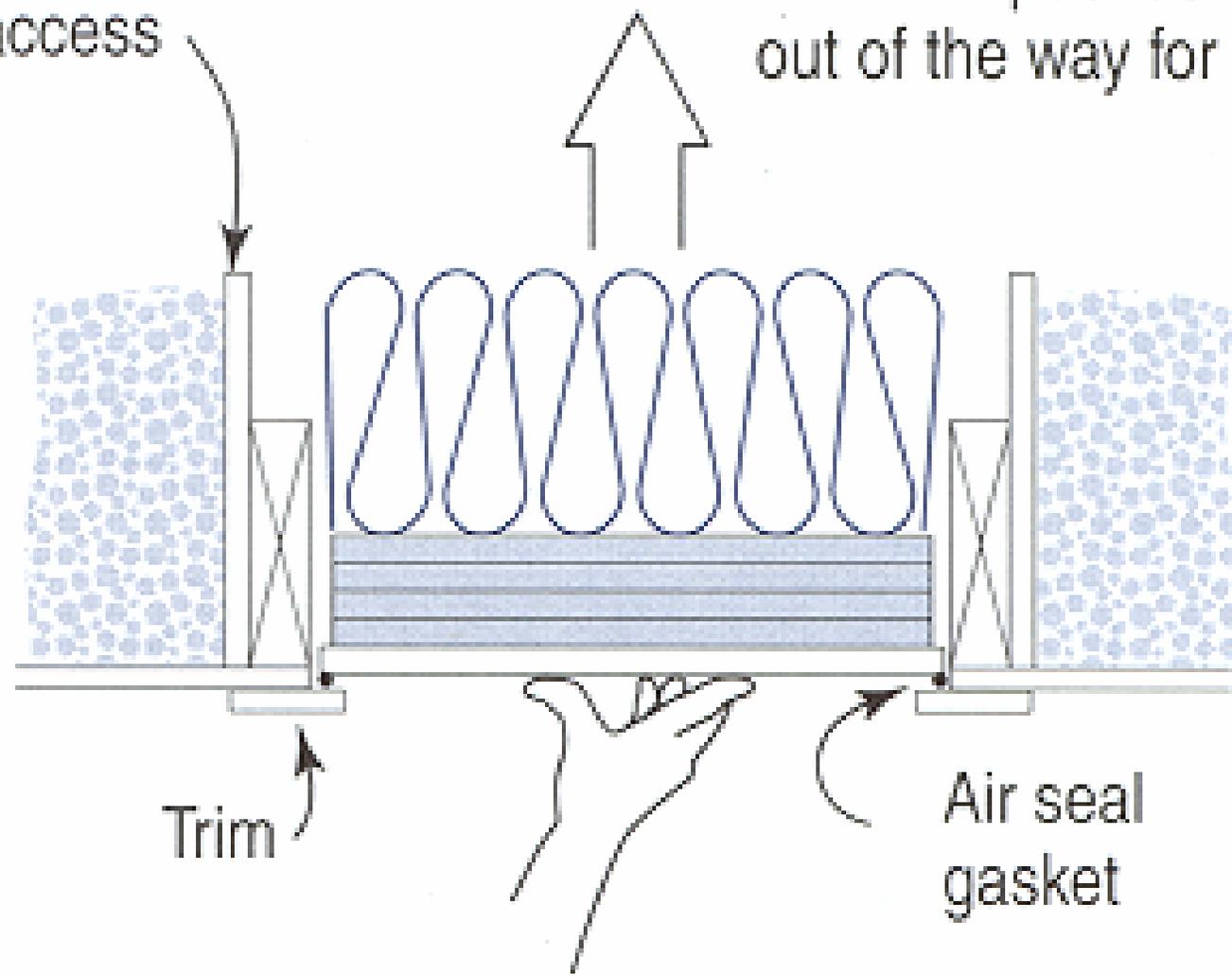
Final





Insulation dams prevent loose-fill insulation from falling through access

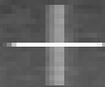
Hatch lid pushes up and out of the way for access



Trim

Air seal gasket

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BATTERY

# Summary

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- Continuous thermal envelope
- Verify REScheck Compliance Certificate
  - All components present
  - Areas reasonable
- Identify basement issues
  - Conditioned
  - Above grade walls
  - Slab insulation required
- Check duct sealing and proper connections
- Stairwell and attic access insulation
- Weatherstripping
  - Doors to basements