



Auditor Forms and Site Drawings

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Our Goals

- Ensure that site information is collected accurately and consistently
- Provide away for QCI and others to verify data
- Sufficient documentation
- Ultimately, create uniformity in NEAT data entry and energy modeling.

Auditor Forms

- Energy Auditor's Data Collection Forms
 - This is a work in progress.
 - All the forms that need to be signed at the audit:
 - Weatherization Agreement
 - Notice of Safety
 - Mold and Moisture
 - Etc.
 - Data collections
 - blower door
 - mechanical form
 - Pictures
 - Site drawings

Purposes of Site Drawing

- Define and measure the Thermal and Pressure boundaries
- Have correct data for the WA software, so that work orders are correct
- Help auditors not miss any possible measures
 - Helps jog your memory

Site Drawing

- Details
- Neatness
- Accuracy (nearest half foot).
- Site Drawing Elements
 - Attic, Foundation and Wall dimensions
 - Attic, Foundation and Wall Square footage calculations
 - Information that will affect the scope of work
 - Information needed by crews or contractors to perform their work properly

Site Drawing

- Pictures are your friend!!
 - Document the existing condition
 - Can head off issues later
 - Helping you fill in something you may have missed at the audit.
- Site drawings and picture are a powerful combination

Type of houses

- Rambler
- Spit level
- Mobile home
- Town home
- Two, three levels home
- Multi-families unit

Site Drawings

- Shows what pictures cannot tell:
 - Measurements
 - Cardinal direction
 - Thermal and Pressure Boundaries
 - Location of doors and windows with assigned code name. (this can also be address with good pictures and label the pictures)
 - Separated each story including one for basement if any different in square footage or design of perimeter.
 - Side views
 - Ground slope views

Data collection

- What should be included:
 - Size of doors and windows
 - Any special condition:
 - Kneewall
 - Crawlspace
 - Insulation level
 - Etc.

Pictures

- Existing condition (more for better)
 - Electrical
 - Moisture
 - Duct work
 - Venting
 - Anything that maybe an issue later.....

Example #1 Split level



Example #1 Split level



Example #1 Split level



Example #2 - 1.5 Stories



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Example #2 - 1.5 Stories



Recap

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Questions