## **Mean HVAC Wrightsoft Basic Manual J Review Checklist**

Temperatu	'es:
□ I Cod per	Outdoor: Show> Project Information — ACCA or ASHRAE 1% and 99% unless local code requires otherwise. ndoor: Show>Zone Information — ACCA: Heat 70°/30% Cool 75°/50%. National Energy Code: Heat 72°/30% of 75°/50%. Dry climate (latent loads consistently 0 or <5% of total) Cool 75°/45%. Changes allowed with mission of local authority. Mean HVAC recommends no lower than 72° cooling if you exercise this option. Be at to make necessary adjustment to Manual S
Tightness:	,
□ I Clin □ (	nfiltration: Show>Right-J>Infiltration — Note: "Average" typically meets or exceeds new construction code in nate zones 1-3 it is not necessarily the "most common" especially with existing building stock.  Optional: Blower Door: Options>Infiltration Method>Blower Door- Make sure to set test pressure difference in the state of th
Orientation	ı:
(NC	Actual (important): Show>Right-Draw – Double click the point on the compass that indicates where north is of which way the front door faces).
ı ـــ Building ma	Front Door (unimportant): Show>Project Information- Doesn't impact load.
☐ I rep If yo dea ☐ ( the not ☐ ( Bas	High-level review: File>Print review>"+Loads">Component Construction Note: be sure to un-select other orts and all of the rooms. Only select the "entire house" for easier reading ou see anything that shouldn't be there or that you don't recognize, adjust the drawing properties. When ling with windows, focus on the U value and SHGC, not the description.  Closer review/changes: Select all the rooms, windows, doors one floor at a time: Right click on each sheet (on right side of the drawing screen) and use the "select" option. Use the property sheet to confirm materials the default materials at the top of the page.  Common mistakes (not a complete list of possible mistakes- obviously):  ements: Below grade wall/floor not selected on basement sheet or depth not set (defaults to 2' below de), below grade walls selected for all floors, walk-out wall not changed (use the wall icon tool).  Walls: Attic knee wall (any wall adjacent to the attic) not identified as knee wall (use the wall drawing icon). Frame walls supporting lower areas are often insulated differently.  Windows: Missing overhang and internal shade (MJ min: Blinds, 45°, medium).  Doors: Glass doors not drawn as windows. For doors with SOME glass use the 50/50 rule if it's 50%+ glass use a French door (window) if it <50% glass use a door and ignore the glass.  Ceilings: Don't use the ceiling partition material, just draw the floors on top of each other. Attics insulated- often with foam- at the roof, not the ceiling are not "unvented" they're "encapsulated." Vaulted ceiling materials, when used, are often overlooked.  Floors: Don't use the floor partition material, just draw the floors on top of each other. Floors over garage.
Other items	
☐ ( mis floc ☐ \	General room properties: See above for "select all" procedure. <b>Duct location and quality</b> (most common take with potentially huge consequences), <b>Internal gains</b> , ceiling height (include space between conditioned ors)  Ventilation (when appropriate): Show>Zone Information. Select the central vent type and select the
von	tilation method (ASHPAE 62 20VV) or enter the ventilation CEM (using E8 to override)