

2014 ABC Section 9.36 Specifications for Building Permit Application



Please forward to plans@qualistat.com

FOR REVIEW

FOR PERMIT

9.36 Performance Energy Compliance – WE WILL USE THE MINIMUM VALUE FOR COMPLIANCE YOU MAY EXCEED THE MINIMUM VALUE, BUT YOU CANNOT GO BELOW

Builder:	
Proposed Address:	
Permit Applicant:	
Applicant Address:	
Plot (Site) plan must be included	

PART 1 - ENVELOPE SPECIFICATIONS Required for permit	
ccSPF = Open Cell foam = Light Density = ½ pound ccSPF = Closed Cell foam = Medium Density = 2 pound SHGC = Solar Heat Gain Coefficient DHW = Domestic Hot Water HRV = Heat Recovery Ventilator EF= Energy Factor AFUE = Annual Fuel Utilization Efficiency SEER = Seasonal Energy Efficiency Ratio	
NOTE: Leave items unmarked to be modeled using defaults	
Stud spacing – Above grade Exterior Walls:	As per plan <input type="checkbox"/> 16" <input type="checkbox"/> (Default) 19.2" <input type="checkbox"/> 24" <input type="checkbox"/>
Above Grade Wall Insulation:	R-20 <input type="checkbox"/> (Default) R-22 <input type="checkbox"/> 3" ccSPF <input type="checkbox"/> 4" ccSPF <input type="checkbox"/> 5.5" ocSPF <input type="checkbox"/> other: <input type="text"/>
Stud spacing – Below grade Bsmt Frost Walls:	As per plan <input type="checkbox"/> 16" <input type="checkbox"/> 19.2" <input type="checkbox"/> 24" <input type="checkbox"/> (Default)
Frost Wall Insulation:	R-12 <input type="checkbox"/> (Default) R-20 <input type="checkbox"/> other: <input type="text"/>
Attic Insulation:	R-40 <input type="checkbox"/> (Default) R-50 <input type="checkbox"/> R-60 <input type="checkbox"/> other: <input type="text"/>
Rim Joist Insulation:	R-20 <input type="checkbox"/> R-22 <input type="checkbox"/> 3" ccSPF <input type="checkbox"/> (Default) 4" ccSPF <input type="checkbox"/> 5.5" ocSPF <input type="checkbox"/> Other: <input type="text"/>
Cantilever Insulation:	R-20 <input type="checkbox"/> R-22 <input type="checkbox"/> 3" ccSPF <input type="checkbox"/> 4" ccSPF <input type="checkbox"/> (Default) 6" ocSPF <input type="checkbox"/> Other: <input type="text"/>
Bonus Room Floor Insulation:	R-20 <input type="checkbox"/> R-22 <input type="checkbox"/> 3" ccSPF <input type="checkbox"/> 4" ccSPF <input type="checkbox"/> 8" ocSPF <input type="checkbox"/> (Default) Other: <input type="text"/>
Windows:	Double Glaze <input type="checkbox"/> (Default) Triple Glaze <input type="checkbox"/> Please suggest <input type="checkbox"/> If Known: (Default U-1.7 0.42 SHGC) Metric U-value: <input type="text"/> SHGC: (between 0.3 -0.65) <input type="text"/>
Underslab Radiant Heating:	RI Only <input type="checkbox"/> NOTE: RI requires insulation below slab YES <input type="checkbox"/> NO <input type="checkbox"/> R-10 Rigid (extruded EPS) <input type="checkbox"/> (Default) R-8 Rigid (expanded EPS) <input type="checkbox"/> Other: <input type="text"/>
Air Tightness Construction:	2.5 ACH <input type="checkbox"/> (Default) 3.2 ACH <input type="checkbox"/> Test <input type="checkbox"/>

PART 2 - MECHANICAL Required for permit	
Furnace AFUE:	Pick from drop down list % AFUE (92% Default) Please suggest <input type="checkbox"/> Electric <input type="checkbox"/> Natural Gas <input type="checkbox"/> (Default) Propane <input type="checkbox"/>
Boiler:	Electric <input type="checkbox"/> Natural Gas <input type="checkbox"/> (Default) Propane <input type="checkbox"/> Pick from drop down list %
Ventilation Type	Heat Recovery <input type="checkbox"/> (Default) Efficiency % @ 0° C % @ -25° C NO Heat Recovery <input type="checkbox"/> (Default 70% & 64%)
DHW Type:	40 Gal <input type="checkbox"/> 50 Gal <input type="checkbox"/> (Default) 65 Gal <input type="checkbox"/> 75 Gal <input type="checkbox"/> 80 Gal <input type="checkbox"/> Tankless <input type="checkbox"/> US Gallons Electric <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane <input type="checkbox"/>
DHW Efficiency:	Pick from drop down list % EF (Default - Natural Gas 67% - Electric 92%)
A/C:	YES <input type="checkbox"/> NO <input type="checkbox"/> (Default)
A/C Efficiency:	Pick from drop down list % SEER (14.5 SEER Default)
SEER (higher is better)	