

# BUILDER SPECIFICATION CHECKLIST

<b>Builder Name:</b> _____		<b>Job Name:</b> _____	
<b>Slab on Grade Insulation R-Value:</b> _____	<b># Feet Down:</b> _____	<b># Feet In:</b> _____	
<b>Crawl Wall Insulation R-Value:</b> _____	<b>Full Wall?</b> _____	<b>If No, # Feet Down:</b> _____	
<b>Finished Bsmt Wall Insulation R-Value:</b> _____	<b>Full Wall?</b> _____	<b>If No, # Feet Down:</b> _____	
<b>Unfinished Bsmt Wall Insulation R-Value:</b> _____	<b>Full Wall?</b> _____	<b>If No, # Feet Down:</b> _____	
<b>Exterior Foundation Wall Insulation R-Value:</b> _____			
<b>Rim Joist Insulation R-Value:</b> _____			
<b>Above Grade Wall Insulation Cavity R-Value:</b> _____	<b>Sheathing Material/R-Value:</b> _____		
<b>Attic Knee Wall Insulation Cavity R-Value:</b> _____	<b>Sheathing Material/R-Value:</b> _____		
<b>Attic Insulation R-Value:</b> _____			
<b>Frame Floor Over Garage Insulation R-Value:</b> _____			
<b>Windows U-Value:</b> _____	<b>SHGC:</b> _____		
<b>Gas Furnace AFUE:</b> _____			
<b>A/C Seer:</b> _____			
<b>Heat Pump HSPF:</b> _____			
<b>Water Heater EF:</b> _____	<b>Gallons:</b> _____		
<b>% High Efficiency Lighting (CFL/LED):</b> _____			
<b>Refrigerator kWh/year:</b> _____			
<b>Dishwasher EF:</b> _____			
<b>Air Leakage Rate(ACH50):</b> _____	<b>(We will use 6.0 air changes unless you note otherwise)</b>		
<b>% Duct Leakage Rate:</b> _____	<b>(We will use 6% leakage unless you note otherwise)</b>		

**Is a fresh air system installed? Yes: \_\_\_\_\_ No: \_\_\_\_\_ System Type: \_\_\_\_\_**  
**(Examples: Passive Air duct into return Trunk, continuously running exhaust fan, ERV, HRV systems, etc.)**

We have helpful information regarding fresh air systems on our website, [www.tsienergysolutions.com](http://www.tsienergysolutions.com), in the residential part of the Links/ Resources tab. If you build a tight home and install a ventilation system, you may be able to avoid some costlier upgrades like full wall basement insulation

**If the home is on a crawl, is it a conditioned crawl with the access located in side the home? Yes No NA**

If the home is on a conditioned crawl (with the access inside the home), we will use 4cfm/100sf for duct leakage which will help your overall performance. If you are building a conditioned crawl, make sure a dehumidifier is used during construction to reduce moisture and install the visqueen (at least temporary visqueen) AS SOON AS POSSIBLE DURING EARLY CONSTRUCTION to avoid moisture/mold problems in the crawl during construction. There is helpful information regarding conditioned crawls on our website, [www.tsienergysolutions.com](http://www.tsienergysolutions.com), in the residential section of the Links/Resources tab.

**Please sign and date below if the above information is correct regarding your current building specifications.**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_