

## Architectural Notes and Schedules

The house improvements are designed to comply with the IRC 2009 Building Code. All fastenings, connections, headers, and member sizes shall comply.

One new door will be installed on the north side of the house; it will be a standard pre-hung insulated and glazed unit for a 6-1/2" wall. There will be six new windows installed, as noted on the plans. The detailed window schedule is provided here:

<b>Window Schedule</b>		
<b>Location</b>	<b>Style</b>	<b>Header</b>
A	Anderson Perma-Shield Casement 17 x 41	2 - 2x4
B	Anderson Perma-Shield Fixed 24 x 48	2- 2x4
C	Anderson Perma-Shield Casement 17 x 41	2- 2x4
D	Anderson Perma-Shield Casement 24 x 48	2- 2x4
E	Allsco Crystal Double 60 x 24	2- 2x8
F	Vinyl/ Wood Oval Fixed 35 x 22	2- 2x6

## Energy Conservation Summary

All of the construction will comply with the requirements of the IECC 2009 Energy Code. The Anderson windows are all low-e, triple pane units,  $U = 0.28$ . The Oval Fixed window has double pane glazing that will have  $U = 0.28$  with a third glazing on the exterior. The Allsco Crystal window is low-e, double pane with argon,  $U = 0.34$ . The IECC requirement is  $U = 0.35$  (max.) The new exterior door will meet this standard also.

The insulation values for the other building components are summarized in this table:

<b>Component</b>	<b>R value, required</b>	<b>R value, provided</b>
Ceiling	49	54 with roof
Wood Frame Wall	20 or $13 + 5(h)$	31
Floor	30	N/A
Basement Wall	15/19	N/A
Crawlspace Wall R-value	'10/13	17