Beck Bakeoven Assembly

Preliminary Nov. 4, 1998
Figure 2. Section
Figure 3. Section at Oven.
Two small circles show existing outside air inlets

Location of fireplace outside air damper. It is built into the fill piece (Figure 7)

Two brick fill pieces to support firebox floor and create ash space. (Note: damper handle is not rendered correctly). Duct for outside air is built from firebrick splits, or equivalent.
Figure 8

Precast firebox floor with ashdump. Firebox floor is 31.5” wide, 26” deep, and 2” thick.

Figure 9

Firebox built from standard firebrick. Firebrick bond is not shown.
Fill piece to height of wood storage box floor. 

2” of rigid insulating board is added to back of firebox.
Figure 14
Wood storage box.

Figure 15
Precast ceiling for wood storage box.
Bakeoven ashbox is created. Bricks shown are 4.5” wide firebricks or equivalent. 4” of Foamglass is installed. Circle at right shows outside air inlet to bakeoven ashbox.

Same as Figure 17, viewed from family room. 2” of insulating board is added to the sides of the firebox.
Figure 20
Precast firebox lintel piece is installed

Figure 21
5” insulated flex duct is run from outside air inlet in pad to bakeoven ashbox.
Detail at bakeoven ashbox

Precast oven hearth is installed.
Figure 24
Location of bypass damper is shown

Figure 25
Facing is shown. Note: facing is representational only, and is not rendered correctly (ignore faceted appearance)