If a hearth extension is used, it must be entirely constructed of non-combustible materials.

An air space of 6" or 8" must be maintained under the fireplace (use the Mason-Lite metal base system).

Once smoke shelf is in place, insert 36" repair in the cell and fill with concrete.

Bolt metal base to brackets secured to the floor system.

Drill 4" into slab and use epoxy to secure 1/2" rebar.