

7/16 OSB or
plywood sheathing

**Typical frame house
wall construction**

Vinyl, aluminum or
wood siding

5/8" Fireclay flue liner with full mortar
refractory mortar joints smooth inside;
squeeze enough mortar out to masonry at
corners to stabilize liner sections

Maintain 1" clearance
thru soffit and roof –
extend flue to 36"
above roof at highest
penetration and at least
24" above a horizontal
roof point 10' away, or
if ridge closer, above
ridge

1" Air space between flue
block and combustible
sheathing or other framing
if chimney is completely
outside the house wall – 2"
if any portion of chimney
is inside wall or house

½" Air space between
liner and flue block

Minimum 4" solid
masonry (brick/stone);
if flue block, all block
cores grouted solid

Close off air space gap at siding
with any suitable matching trim.
If siding covers, OK to butt siding
to chimney.

Plan View

Masonry Chimney Required Clearances & Air Spaces

No Scale