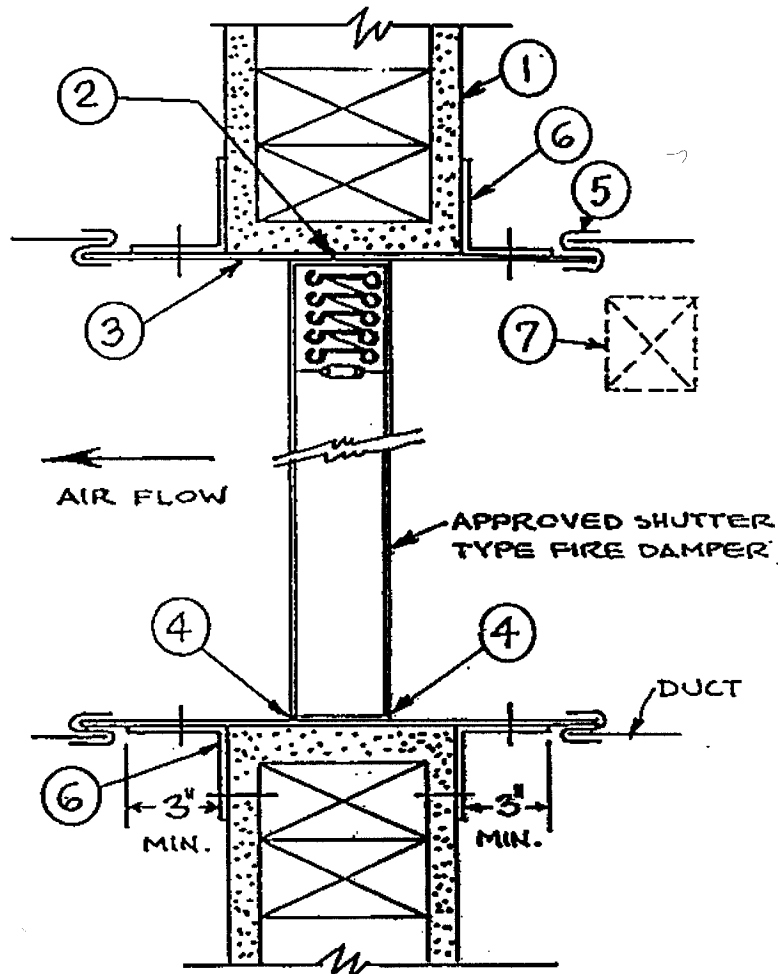


STANDARD DETAILS & SPECIFICATIONS

SUBJECT: Fire Damper Installation Detail

Spec No C-3  
 Rev. Date 10/04/99  
 Eff. Date 10/04/99  
 Approved By *[Signature]*  
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STANDARD FRAME APPLICATION.

1. Standard frame fire partition with double header framing and fire rated material lining in lintel. Double header not required at steel. Lining not required at concrete or masonry.
2. Opening to be 1/8" wider for each foot of sleeve width and 1/8" higher for each foot of sleeve height.
3. Continuous welded 16 gage sleeve to extend 3" beyond each side of partition.
4. Fire damper frame welded to sleeve with 1" fillets at 5" o. c. maximum on each side of frame. Optional—Damper frame may be flanged and bolted in sleeve with 1/4" bolts at 5" o. c. maximum on each side of frame.
5. "S" slip duct connection—NOT screwed or bolted to sleeve.
6. Minimum 1 1/2" x 1 1/2" x 1/8" angles (or formed 10 gage angles) all around sleeve on both sides of partition. Welded or bolted to sleeve with 1" fillets at 5" o. c. maximum or 1/4" bolts at 5" o. c. maximum. Angles are not attached to wall (except at sill which is optional) to provide for expansion. In no case shall angle overlap wall framing less than 1".
7. Suitable hand holes must be provided to make fire dampers accessible for inspection and servicing.