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System No. W-L-8004

ltem No.	Max Distance Between Adjacent Pen. Item In. (mm)	Min Distance Between Adjacent Pen. Item In. (mm)	Max Distance From Through Opening In. (mm)	Min Distance From Through Opening In. (mm)
2A	7-7/16 (189)	1-11/16 (43)	12 (305)	1/2 (13 mm)
2B	7-7/16 (189)	1-11/16 (43)	12 (305)	1/2 (13 mm)
2C	7-7/16 (189)	1-11/16 (43)	12 (305)	1/2 (13 mm)
2D	7-7/16 (189)	1-11/16 (43)	12 (305)	1/2 (13 mm)
2E	7-7/16 (189)	1-11/16 (43)	12 (305)	1-1/2 (32 mm)

The through penetrating items to be rigidly supported on both sides of wall assembly and located as shown in the table below:

3. Firestop System — The firestop system shall consist of the following:

A. Steel Wire Mesh — No. 8 steel wire mesh having a min 1 in. (25 mm) lap along the longitudinal seam. Length of steel wire mesh to be 4-3/4 in., (120 mm) centered and formed to fit periphery of through opening. Steel wire mesh is not required when additional framing members (Item No. 1A) are used.

B. Packing Material — Min 4.0 in. (102 mm) thickness of min 3.5 pcf (56 kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material.

C. Fill, Void or Cavity Material* — Sealant — Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



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