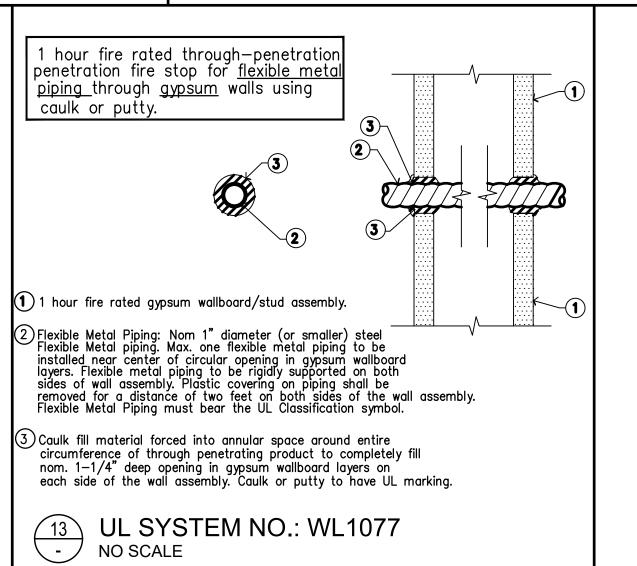
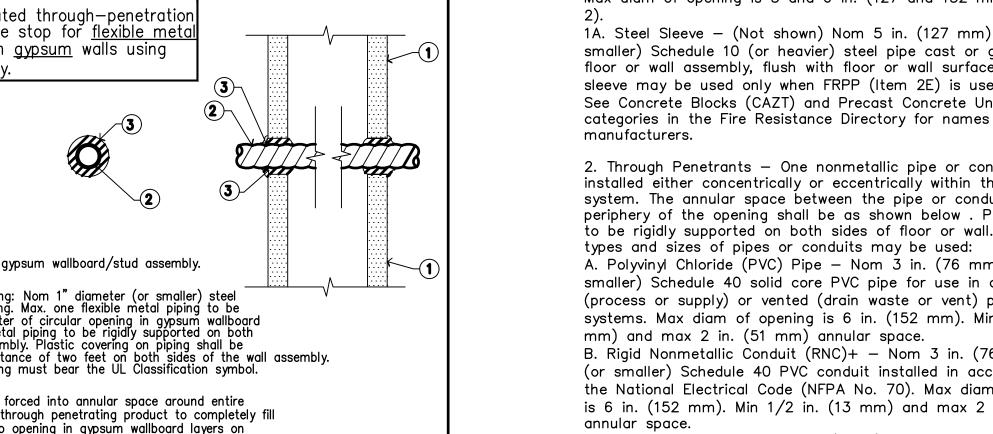


UL SYSTEM NO.: WL2083

NO SCALE





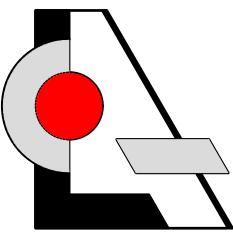
See Concrete Blocks (CAZT) and Precast Concrete Units (CFTV) categories in the Fire Resistance Directory for names of 2. Through Penetrants — One nonmetallic pipe or conduit to be installed either concentrically or eccentrically within the firestop system. The annular space between the pipe or conduit and the periphery of the opening shall be as shown below. Pipe or conduit to be rigidly supported on both sides of floor or wall. The following A. Polyvinyl Chloride (PVC) Pipe - Nom 3 in. (76 mm) diam (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) or vented (drain waste or vent) piping systems. Max diam of opening is 6 in. (152 mm). Min 1/2 in. (13 B. Rigid Nonmetallic Conduit (RNC)+ - Nom 3 in. (76 mm) diam (or smaller) Schedule 40 PVC conduit installed in accordance with the National Electrical Code (NFPA No. 70). Max diam of opening is 6 in. (152 mm). Min 1/2 in. (13 mm) and max 2 in. (51 mm) C. Chlorinated Polyvinyl Chloride (CPVC) Pipe — Nom 3 in. (76 mm) diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems. Max diam of opening is 6 in. (152 mm). Min 1/2 in. (13 mm) and max 2 in. (51 mm) annular

fill material cures.

C. Fill, Void or Cavity Material* - Sealant - Min 3/4 in. (19 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall assembly. Additional fill material to be installed such that a min 1/4 in. (6 mm) crown is formed around the through penetrant on top surface of floor or on both surfaces of wall. In floors, bottom edge of fill material shall be recessed a nom 1/2 in. (13 mm) below the top edge of wrap strip. When floor is constructed of hollow-core precast concrete unit, sealant to be installed symmetrically on both sides of floor, flush with floor surfaces. Additional fill material to be installed such that a min 1/4 in. (6 mm) crown is formed around the through penetrant on both surfaces of precast concrete unit. W R GRAČE & CO - CONN - FS1900, FS1901, FS1905 and FS1929 Sealant

+Bearing the UL Listing Mark *Bearing the UL Classification Marking

UL DESIGN C-AJ-2201



AA 003432

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REVISIONS / DATE

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ESLAW A. CZACZYK AIA AR 00015391

PROJ. NO. 16209 LAC **DESIGNED BY** AAA **DRAWN BY** 10/14/16

SCALE AS SHOWN

DETAILS

SHEET