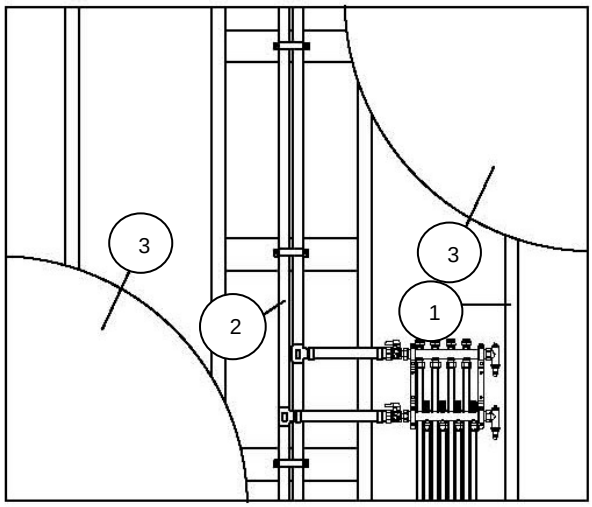
Sioux Chief Manufacturing Company, Inc.
Design No. SCMC/DWP 60-02
Floor/Ceiling Assembly
PowerPEX and PowerPEX Bbarrier Pipes
CAN/ULC-S101, ASTM E119
Rating: 1 Hour



1. **WALL FRAMING:** Nominal 2 in. × 4 in. (50mm × 90mm) solid sawn wood studs, spaced max. 16 in. on center (oc) (load bearing) or max. 24 in. oc (non-load bearing), or min. 25 GA steel studs spaced max. 24 in. oc (non-load bearing). Wood studs require blocking at mid-height.

2. **CERTIFIED MANUFACTURER:** Sioux Chief Manufacturing Company, Inc.

   CERTIFIED PRODUCT: PowerPEX and PowerPEX Barrier Pipes

   3/8 in. (9mm) through 2 in. (50mm) nominal pipe size (Standard or O2 Barrier) SIOUX PEX tubing, fastened to studs or blocking at mid-height of wall, and 40 in. oc. Max. density of tubing 10 lbs (4.5 kg per stud) cavity. Tubing to be fastened with steel or copper ties. Tubing may be connected to standard copper or brass plumbing components, tees, bend supports, manifolds, etc. Plastic manifolds with a weight not exceeding 5 lb. (2.3 kg) per cavity may be used.

3. **GYPSUM WALLBOARD:** 5/8 in. Type X gypsum wallboard, installed horizontally on each side of studs, and fastened with 1-5/8 in. Type W gypsum screws, located 8 in. oc.