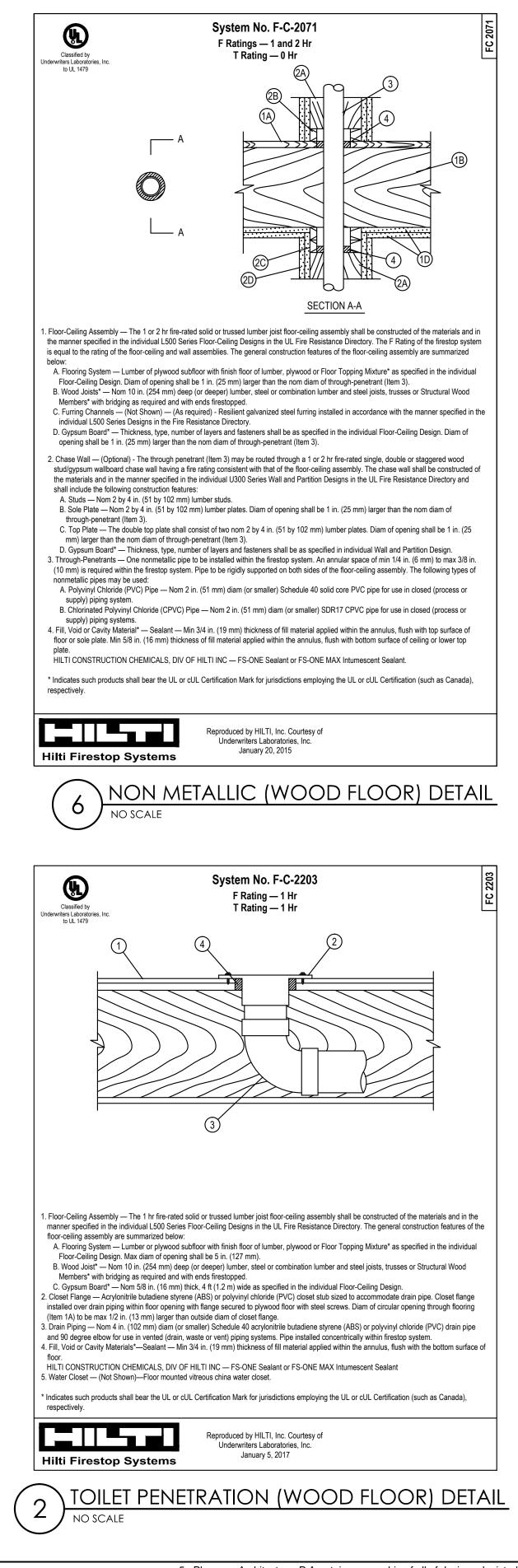
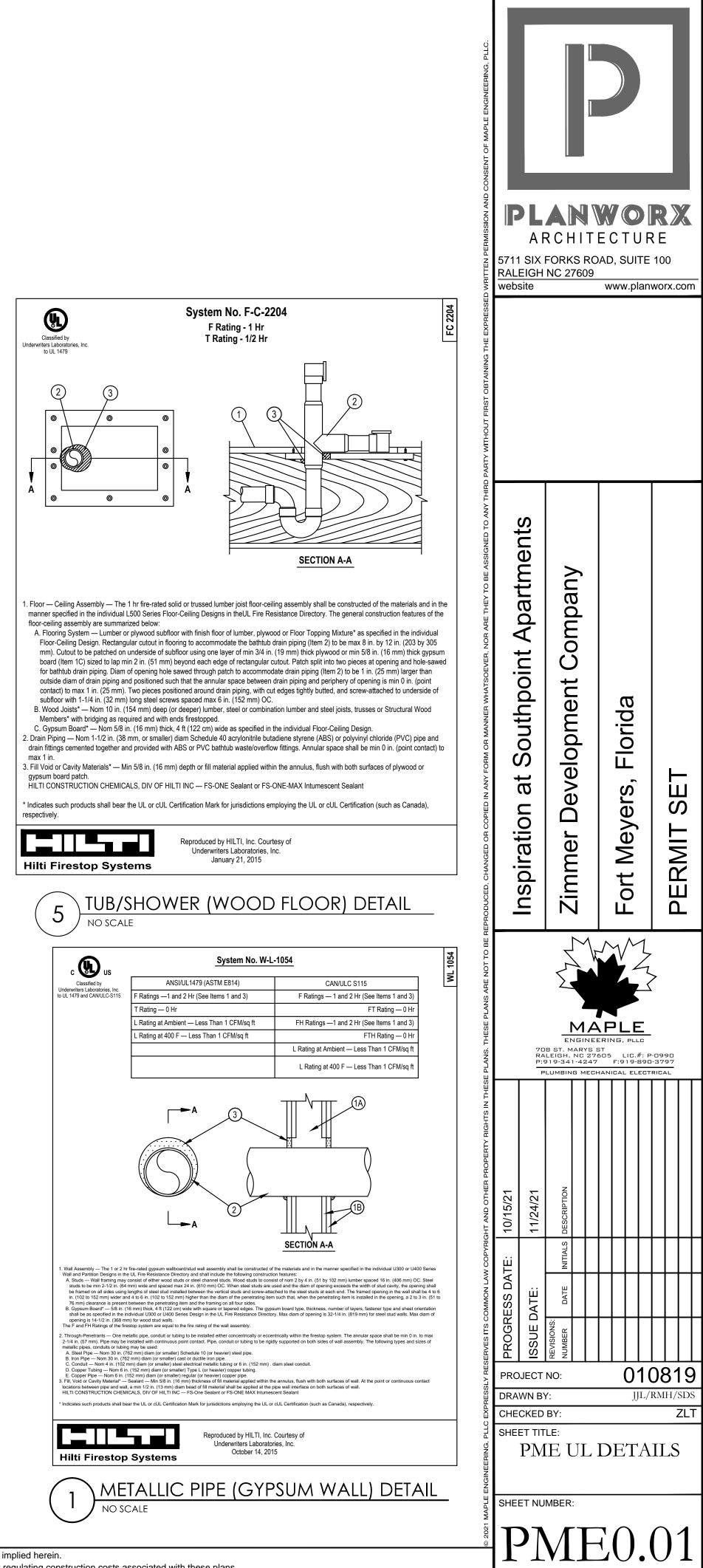
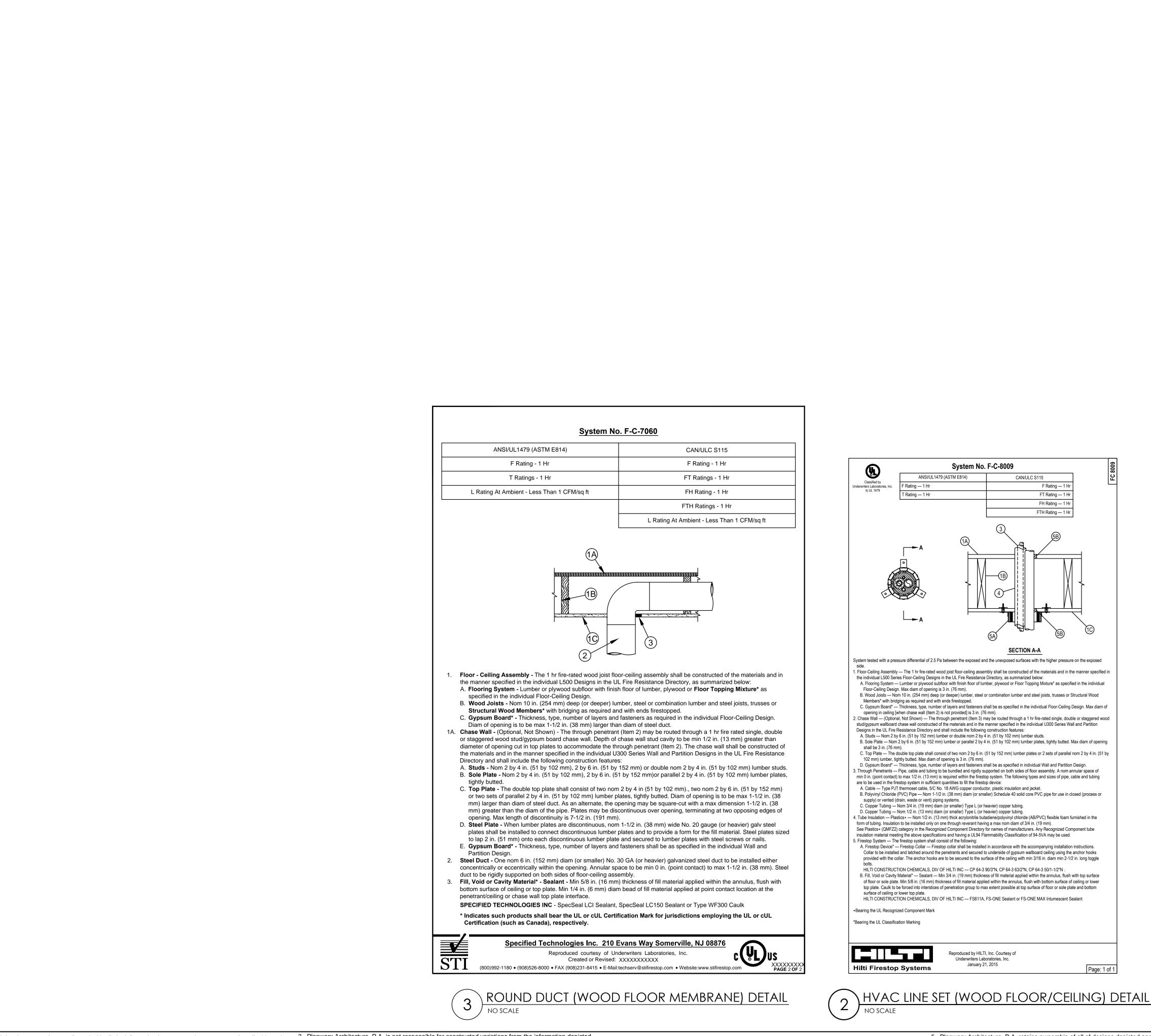


NON-METALLIC PIPE (WOOD FLOOR) DETAIL

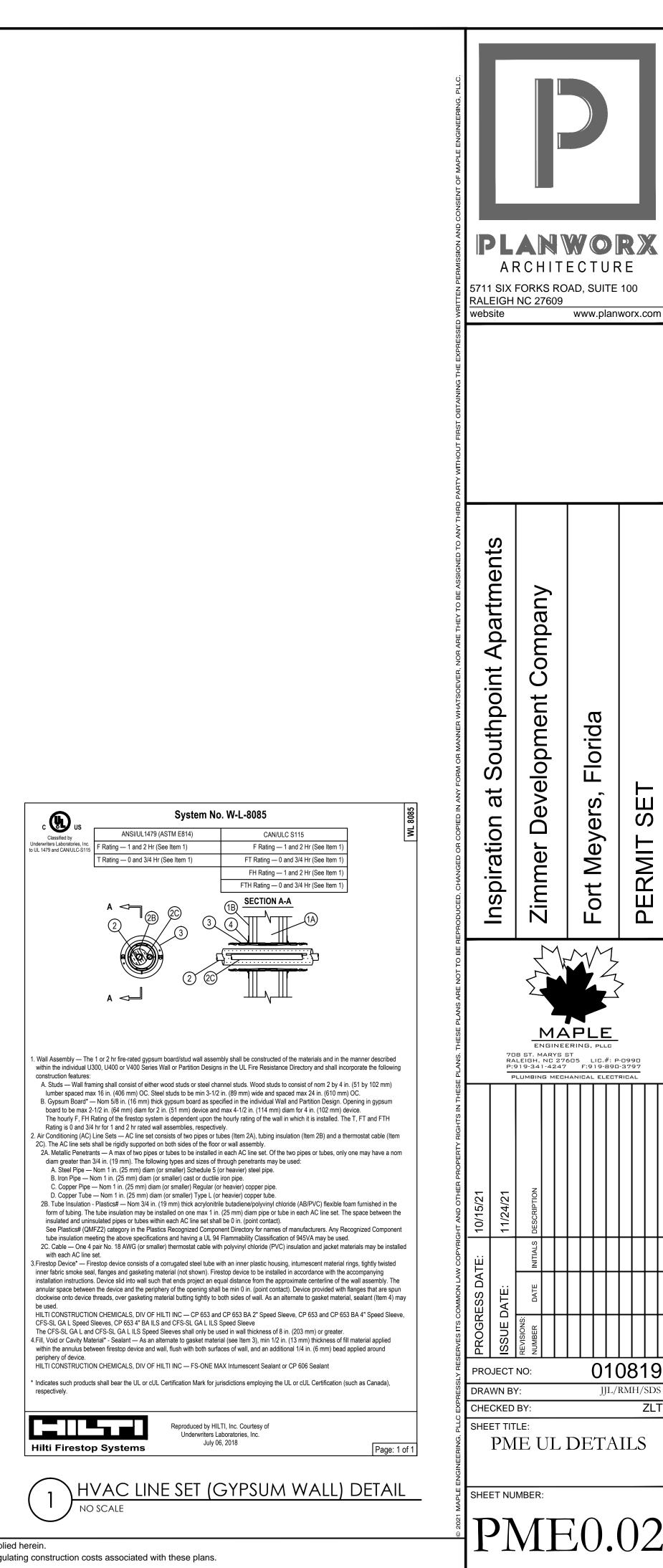


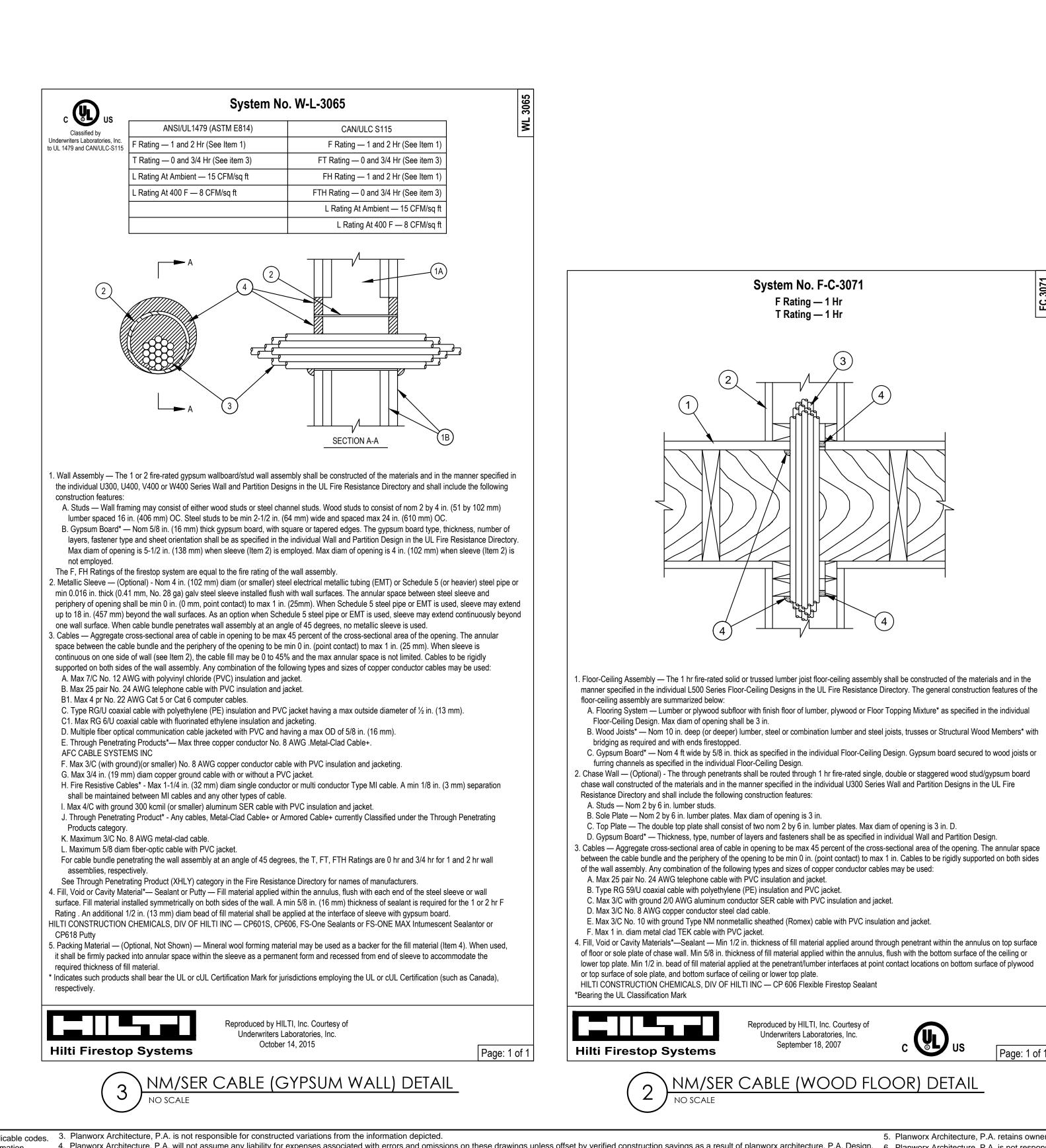
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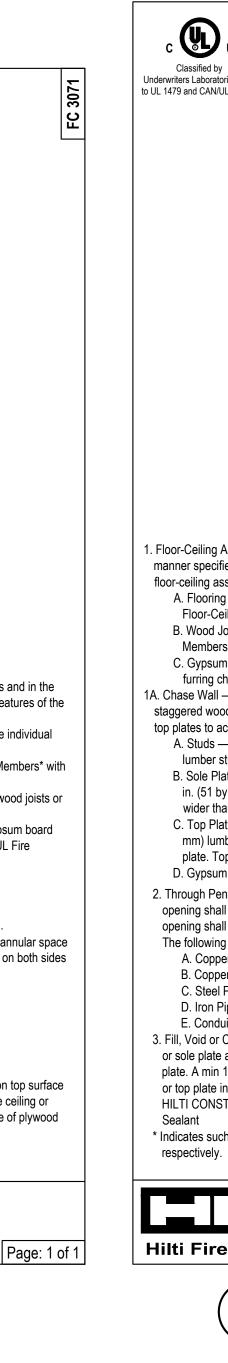




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System No. F-C-1106 Support Values intro ANSI/UL1479 (ASTM E814) CAN/ULC S115 F Rating - 1 Hr F Rating - 1/4 Hr FT Rating - 1/4 Hr T Rating - 1/4 Hr FT Rating - 1/4 Hr FT Rating - 1/4 Hr Values intro Image: Comparison of the comp	Inchiration at Southnoint Anartments		Zimmer Development Company	Fort Meyers, Florida	PERMIT SET
g Assembly — The 1 hr fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed of the materials and in the cified in the individual L500 Series Floor-Ceiling Designs in the UL Fire Resistance Directory. The general construction features of the assembly are summarized below: ing System — Lumber or plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture* as specified in the individual Ceiling Design. Max diam of opening shall be 5 in. (127 mm). d Joists* — Nom 10 in. (254 mm) deep (or deeper) lumber, steel or combination lumber and steel joists, trusses or Structural Wood ers* with bridging as required and with ends firestopped. um Board* — Min 5/8 in. (16 mm) thick as specified in the individual Floor-Ceiling Design. Gypsum board secured to wood joists or or channels as specified in the individual Floor-Ceiling Design. Max diam of opening shall be 5 in. (127 mm). III — (Optional, Not Shown) — The through penetrants (Item 2) may be routed through a fire rated or non-rated single, double or rood stud/gypsum board chase wall. Depth of chase wall stud cavity to be min 1/2 in. greater than diameter of opening cut in sole and a accommodate the through penetrant (Item 2). The chase wall shall be constructed to include the following construction features:	The second se				
 a. – Nom 2 by 4 in. (51 by 102 mm), 2 by 6 in. (51 by 152 mm), 2 by 8 in. (51 by 203 mm) or double nom 2 by 4 in. (51 by 102 mm) rstuds. Plete — Nom 2 by 4 in. (51 by 102 mm), 2 by 6 in. (51 by 152 mm) or 2 by 8 in. (51 by 203 mm) lumber plates or double nom 2 by 4 by 102 mm) lumber plates tightly butted together. Circular opening to be centered in sole plate. Sole plate to be min 1 in. (25mm) than diam of opening in sole plate is 5 in. (140 mm). Plate — The double top plate shall consist of two nom 2 by 4 in. (51 by 102 mm), 2 by 6 in. (51 by 152 mm) or 2 by 8 in. (51 by 203 mm) burber plates or double nom 2 by 4 in. (51 by 102 mm) lumber plates tightly butted together. Circular opening to be centered in top Top plate to be min 1 in. (25mm) wider than diam of opening. Max diam of opening in top plate is 5-1/2 in. (140 mm). Plate — The double top plate shall consist of two nom 2 by 4 in. (51 by 102 mm), 2 by 6 in. (51 by 152 mm) or 2 by 8 in. (51 by 203 mm) bord. Peretrants — One metallic pipe, conduit or tubing, to be installed concentrically or eccentrically within the opening. The diam of the penetrant. The annular space between the pipe, conduit or tubing and the periphery of nall be min 0 in. (102 mm) diam (or smaller) Type L (or heavier) copper tube. Pipe — Nom 4 in. (102 mm) diam (or smaller) Regular (or heavier) copper tube. Pipe — Nom 4 in. (102 mm) diam (or smaller) Regular (or heavier) copper tube. Pipe — Nom 4 in. (102 mm) diam (or smaller) Schedule 10 (or heavier) copper tube. Pipe — Nom 4 in. (102 mm) diam (or smaller) Schedule 10 (or heavier) copper tube. Pipe — Nom 4 in. (102 mm) diam (or smaller) Schedule 10 (or heavier) copper tube. Pipe — Nom 4 in. (102 mm) diam (or smaller) schedular toplied within the annulus flush with the top surface of the floor to cavit, Materials* Sealant applied within the annulus flush with the bottom surface of gypsum board or lower top n 1/2 in. (13 mm) diameter bead	902 PROJ DRAW CHEC SHEE	ECT I /N BY KED I T TITI	:: BY: _E:		D819 RMH/SDS ZLT ILS
METALLIC PIPE (WOOD FLOOR) DETAIL NO SCALE	SHEE"			E0.	03