

UL FIRE RESISTANCE DIRECTORY NOMENCLATURE			
Through Penetrations			
First letter represents what is being penetrated	Second letter(s) provide more information about the floor or wall:	Four digit number describes the penetrating item(s)	Example: CAJ1150
F = FLOOR W = WALLS C = FLOORS OR WALLS (COMBINED)	A = CONCRETE FLOORS WITH A MINIMUM THICKNESS LESS THAN OR EQUAL TO 5 IN B = CONCRETE FLOORS WITH A MINIMUM THICKNESS GREATER THAN 5 IN C = FRAMED FLOORS E = FOR CEILING ASSEMBLIES CONSISTING OF CONCRETE WITH MEMBRANE PROTECTION J = CONCRETE OR MASONRY WALLS WITH A MINIMUM THICKNESS LESS THAN OR EQUAL TO 8 IN L = FRAMED WALLS	0000 - 0999 BLANK OPENINGS 1000 - 1999 METAL PIPE, CONDUIT OR TUBING 2000 - 2999 NON METALLIC PIPE CONDUIT OR TUBING 3000 - 3999 CABLES 4000 - 4999 CABLE TRAYS 5000 - 5999 INSULATED PIPES 6000 - 6999 MISCELLANEOUS ELECTRICAL (BUSWAY) 7000 - 7999 MISCELLANEOUS MECHANICAL 8000 - 8999 MIXED PENETRATING ITEMS 9000 - 9999 RESERVED FOR FUTURE USE	C = FLOOR OR WALL PENETRATION A = CONCRETE FLOORS 5" OR LESS J = CONCRETE OR MASONRY WALLS 8" OR LESS 1150 = METAL PIPE, CONDUIT OR TUBING
Joint Systems			
First letters identify the type of joint:	Second letter(s) provide more information about the floor or wall:	Four digit number describes the penetrating item(s)	Example: HWD0757
CJ = CONTINUITY HEAD OF WALL FF = FLOOR TO FLOOR WW = WALL TO WALL FW = FLOOR TO WALL HW = HEAD TO WALL BW = BOTTOM OF WALL	S = NO MOVEMENT (STATIC) = D = ALLOWS MOVEMENT (DYNAMIC)	0000 - 0999 LESS THAN OR EQUAL TO 2" 1000 - 1999 GREATER THAN 2" AND LESS THAN OR EQUAL TO 6" 2000 - 2999 GREATER THAN 6" AND LESS THAN OR EQUAL TO 12" 3000 - 3999 GREATER THAN 12" AND LESS THAN OR EQUAL TO 24" 4000 - 4999 GREATER THAN 24"	HW = HEAD TO WALL D = ALLOWS MOVEMENT (DYNAMIC) 0757 = LESS THAN OR EQUAL TO 2"

FIRESTOPPING NOTES:

THE CONTRACTOR IS REQUIRED TO SUBMIT A COMPLETE SCHEDULE OF FIRESTOPPING PRODUCTS TO BE USED AT EACH PENETRATION, ALONG WITH CUTS OF THE MATERIALS USED, BEFORE THE FIRESTOPPING CONSTRUCTION AS A REFERENCE. THE FOLLOWING IS AN OUTLINE OF SYSTEMS:

1. WIRES, CONDUITS, SMALL METAL PIPES, AND SMALL PLASTIC 2" DIAMETER AND SMALLER, SHALL BE FIRE CAULKED (BOTH SIDES).
2. SPRINKLER PIPES (METAL), LARGER DIAMETER OTHER METAL PIPING SHALL BE FIRE CAULKED (BOTH SIDES).
3. PVC PIPING LARGER THAN 3" IN DIAMETER SHALL RECEIVE COLLARS (SEE DETAILS).
4. 4" DIAMETER METAL EXHAUST DUCTS SHALL BE FIRE CAULKED.
5. METAL DUCTWORK SHALL BE FIRE CAULKED, BUT ALSO MAY REQUIRE SMOKE OR FIRE DAMPERS.

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RESIDENTIAL - WOOD CONSTRUCTION			
Floor Substrate: Wood Floor/Ceiling Assembly			
SHEET	MEP PENETRATIONS THRU	SYSTEM	DESCRIPTION
A905-A908	WOOD FLOOR/ CEILING ASSEMBLY	F-C-0002	WOOD FLOOR/CEILING ASSEMBLY (2-HR)
		F-C-1009	METAL PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (2-HR)
		F-C-1058	METAL PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (2-HR)
		F-C-2030	PLASTIC PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (2-HR)
		F-C-2142	PLASTIC PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		F-C-2203	CLOSEST FLANGE THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		F-C-2204	PLASTIC PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		F-C-2310	MULTIPLE PLASTIC PEX TUBING THROUGH WOOD FLOOR/CEILING ASSEMBLY (2-HR)
		F-C-2389	PLASTIC PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		F-C-3012	CABLE/CABLE BUNDLE THROUGH WOOD FLOOR/CEILING ASSEMBLY (2-HR)
		F-C-5004	INSULATED (GLASS-FIBER OR AB/PVC FLEXIBLE FOAM INSULATION) PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (2-HR)
		F-C-5036	INSULATED (GLASS-FIBER) METAL PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		F-C-5037	INSULATED (AB/PVC FLEXIBLE FOAM) METAL PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY (2-HR)
		F-C-7013	DUCT PENETRATION THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		F-C-7025	PENETRATION THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		F-C-7043	DUCT PENETRATION THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		F-C-8026	MULTIPLE HVAC LINE THROUGH WOOD FLOOR/CEILING ASSEMBLY (1-HR)
		C-AJ-1228	METAL PIPE THROUGH CONCRETE OR MASONRY (2-HR)
		C-AJ-1513	MULTIPLE METAL PIPES THROUGH CONCRETE OR MASONRY (2-HR)
		C-AJ-2109	PLASTIC PIPE THROUGH CONCRETE OR MASONRY (2-HR)
C-AJ-2187	PLASTIC PIPE THROUGH CONCRETE OR MASONRY (2-HR)		
C-AJ-3263	CABLE BUNDLE THROUGH CONCRETE OR MASONRY (2-HR)		
C-AJ-5090	METAL PIPE WITH AB/PVC INSULATION THROUGH CONCRETE OR MASONRY (2-HR)		
C-AJ-5091	METAL PIPE WITH GLASS FIBER OR CALCIUM SILICATE INSULATION THROUGH CONCRETE OR MASONRY (2-HR)		
C-AJ-8042	ELECTRICAL BUSWAY THROUGH CONCRETE OR MASONRY (2-HR)		
C-AJ-7051	METAL DUCT WITH DUCT DAMPER THROUGH CONCRETE OR MASONRY (2-HR)		
C-AJ-7082	ROUND SHEET METAL DUCT THROUGH CONCRETE OR MASONRY (2-HR)		
C-AJ-7144	METAL DUCT WITH GLASS FIBER INSULATION THROUGH CONCRETE OR MASONRY (2-HR)		
C-AJ-8005	MULTIPLE PENETRATIONS THROUGH CONCRETE OR MASONRY (2-HR)		
W-1-1054	METAL PIPE THROUGH GYPSUM WALL ASSEMBLY (1-HR)		
W-1-1389	MULTIPLE METAL PIPES THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-1718	PLASTIC PIPE THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-2129	PLASTIC PIPE THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-3334	CABLE BUNDLE THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-3414	CABLE THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-5028	PLASTIC PIPE WITH AB/PVC INSULATION THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-5029	METAL PIPE WITH GLASS FIBER OR CALCIUM SILICATE INSULATION THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-7042	METAL DUCT (WITHOUT DAMPER) THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-7155	METAL DUCT THROUGH GYPSUM WALL ASSEMBLY		
W-1-7156	METAL DUCT WITH GLASS FIBER INSULATION THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-1-8079	MULTIPLE PENETRATIONS THROUGH GYPSUM WALL ASSEMBLY (2-HR)		
W-J-3215	CABLE BUNDLE (4") (2-HR)		
A911	CONCRETE OR BLOCK WALL MEMBRANE PENETRATION	CLV OR CLV 76	MEMBRANE PENETRATION IN GYPSUM WALL ASSEMBLY (2-HR)
SHEET	JOINTS	SYSTEM	DESCRIPTION
A911	GYPSUM WALL	H-W-S-0090	TOP OF WALL JOINT (1-HR)

No.	Description	Date

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HILTI FIRESTOP SCHEDULE / NOMENCLATURE

HOLIDAY INN EXPRESS & SUITES

INTERSECTION OF HAYNES PLACE & LAMM RD.
WILSON, NC 27789

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SHEET NO. **A904**

SCALE: 1/2" = 1'-0"

