

**The Fire Resistance Directory utilizes an alpha-numeric numbering system:
Basic number system = ALPHA-ALPHA-NUMERIC**

Through – Penetrations

<p>The first letter represents what is being penetrated:</p> <p>F = FLOOR W = WALLS C = FLOORS OR WALLS (COMBINED)</p>	<p>The second letter(s) provide more information about the floor or wall:</p> <p>A = CONCRETE FLOORS 5 INCHES THICK OR LESS B = CONCRETE FLOORS GREATER THAN 5 INCHES THICK C = FRAMED FLOORS – FLOOR/CEILING ASSEMBLIES D = STEEL DECK CONSTRUCTION E THRU I = NOT USED AT THE PRESENT TIME J = CONCRETE OR MASONRY WALLS 8 INCHES THICK OR LESS K = CONCRETE WALLS GREATER THAN 8 INCHES THICK L = FRAMED WALLS – GYPSUM WALLBOARD ASSEMBLIES M = BULKHEADS N THRU Z = NOT USED AT THE PRESENT TIME</p>	<p>The four digit number describes the penetrating item(s):</p> <p>0000 – 0999 BLANK OPENINGS 1000 – 1999 METAL PIPE, CONDUIT OR TUBING 2000 – 2999 NONMETALLIC 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</p>	<p>EXAMPLE: CAJ1150</p> <p>C = FLOOR OR WALL PENETRATION A = CONCRETE FLOOR 5" OR LESS J = CONCRETE OR MASONRY WALLS 8" OR LESS</p> <p>1150 = METAL PIPE, CONDUIT OR TUBING</p>
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Joint Systems

<p>The first letters identify the type of joint:</p> <p>FF = FLOOR-TO-FLOOR WW = WALL-TO-WALL FW = FLOOR-TO-WALL HW = HEAD-TO-WALL CG = WALL-TO WALL JOINTS INTENDED AS CORNER GUARDS BW = BOTTOM OF WALL</p>	<p>The third letter signifies the movement capabilities of the joint system:</p> <p>S = NO MOVEMENT (STATIC) D = ALLOWS MOVEMENT (DYNAMIC)</p>	<p>The four digit number describes the nominal joint width:</p> <p>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"</p>	<p>EXAMPLE: HWD0042</p> <p>HW = HEAD-OF-WALL D = ALLOWS MOVEMENT (DYNAMIC)</p> <p>0042 = LESS THAN OR EQUAL TO 2"</p>
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Perimeter Fire Containment Systems

<p>The first letters identify the perimeter fire containment system:</p> <p>CW = CURTAIN WALL</p>	<p>The third letter signifies the movement capabilities of the joint system:</p> <p>S = NO MOVEMENT (STATIC) D = ALLOWS MOVEMENT (DYNAMIC)</p>	<p>The four digit number describes the nominal joint width:</p> <p>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"</p>
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