



# Clark County Building Department

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<b>Division:</b>	<b>Plans Exam and Inspection</b>	<b>Policy &amp; Procedure:</b>	<b>BD-PP-257</b>
<b>Subject:</b>	<b>FIRE RESISTANT PENETRATION AND JOINT REQUIREMENTS</b>	<b>Effective Date:</b>	<b>12/05/2014</b>
<b>Code:</b>		<b>Revised Date:</b>	<b>04/30/2026</b>

## A. POLICY:

The architectural plans shall have a statement of special inspection to identify the requirements specified in IBC Section 1705.16.

## B. PROCEDURE:

### Architect of Record (RDP)

1. Define and show the fire-rated assemblies and the hourly ratings within the structure.
2. Specify on the plans that the fire-resistant penetration and joint designs comply with the required hourly rating for the assembly being protected, or  
Specify on the plans if the fire-resistant penetration and joint designs will be a deferred submittal.
3. Submit Engineering Judgements (EJ) for penetration firestop and fire-resistant joint systems when conditions exist and construction does not conform to a listed detail.

EJ's shall be reviewed, stamped and sealed by the RDP and submitted as a revision to the life safety record for phased construction, or on the building permit for standard projects.

### Plans Examination staff shall:

1. Review drawings for conditions which require special inspection in accordance with IBC Section 1705.16.
2. Review the plans for fire-rated assemblies and verify the hourly ratings and designs are in accordance with the adopted codes.
3. Determine if high-rise buildings (occupiable floor of 55' or more above fire department vehicle access) or buildings assigned to Risk Category III or IV are in accordance with Section 1604.5.
4. Select Fire Penetration and Joints in the Third-Party Tab of Accela.
5. Ensure the plans include a statement that "RDP Stamped sealed Fire-resistant penetration and joint designs shall be available on the jobsite for use by the CCBD inspectors and third-party inspector."

### Installing contractor shall:

1. Maintain a copy of the stamped sealed Fire-resistant penetration and joint designs provided by the RDP.
2. Procure and maintain copies of the listing documents for use by the building inspector and special inspector.
3. Schedule an initial inspection with the special inspector.
4. Arrange for all installers to perform verification inspections with the special inspector.

## FIRE RESISTANT PENETRATION AND JOINT REQUIREMENTS

Inspection staff:

1. The building inspector shall confirm the specific listing selected for use in the field is appropriate.
2. The special inspector shall verify and document installation in accordance with the specific design and compliance to the required hourly rating for the assembly being protected.
3. The building inspector shall approve the final assembly.
4. The special inspection final report shall be reviewed and accepted by CCBBD Engineering Division inspection staff prior to final building inspection.

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**Revision History:**

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FIRE RESISTANT PENETRATION AND JOINT REQUIREMENTS BD-PP-151		12/05/2014
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