



Clark County Department of Building & Fire Prevention

Building Division – Inspection Services

Field Inspection Guideline

SUBJECT:	Floor Sink Through Penetrations	FIG-B-022
<i>Effective Date:</i>	December 09, 2011	<i>Revised: June 15, 2014</i>
		<i>Approved By:</i> BAT
<i>Code Chapter:</i>	Clark County Administration Code (CCBAC) Section 22.02.056 (B)	Page 1 of 1

General Code Application:

The code requirements for penetrations in a floor/ceiling assembly created by floor sinks and other items have been subject to multiple revisions over the past 30 years. In addition, penetrating items in rated assemblies have been subjected to various code interpretations by this Department. Inspections during the course of the Licensed Resort Hotel Periodic Inspection program shall be based on the code of record, with consideration to the enforcement procedures at the time of the original construction. The integrity of the fire resistivity of a floor/ceiling assembly shall not be compromised. The following field application shall be used as the methodology for inspecting existing applications during the course of the Licensed Resort Hotel Periodic Inspection.

Field Application:

For projects where the code of record is determined to be 2000, or later edition, of the International Building Code (IBC), penetrations created by floor sinks shall be installed in accordance to a recognized and approved listed assembly.

For projects where the code of record has been established prior to the 2000 International Building Code the installation shall:

- be installed in accordance to a recognized and approved listed assembly; or
- incorporate a 2-hour fire resistive envelope around the sink and the drain pipe shall be treated as a pipe penetrations through the envelope; or
- be of any approved and recorded documentation specifically for the project under inspection; provided the installation would reasonably prevent the passage of fire, smoke, and hot gasses; or

Floor sink penetrations in existing construction deemed non-compliant with the above options shall be so identified for correction.

Revision History:

Reference #	Title	Effective Date	Revised	Reviewed
FIG-B-022	Floor Sink Penetrations	December 09, 2011		June 06, 2013
FIG-B-022	Floor Sink Penetrations	June 15, 2014		