

FEATURED PROJECT:

CAMBRIA HOTEL



Description: When a contractor suggested changing the specified cast iron plumbing to PVC, LeBlanc Welch Inc. brought up potential issues with noise and liability, and encouraged the contractors to get approval from the building owner.

The owner agreed to PVC for the horizontal runs only; all vertical stacks were required to be cast iron. Furthermore, all fittings transitioning from the vertical stacks to the PVC were cast iron. To strengthen the specifications, the project engineer included that all cast iron was required. With this addition, the contractor was required to get approval to use any PVC.

This compromise answered the noise concerns and later saved lots of rework when the project team received an Acoustical Report of Design Criteria and Guidelines prepared by an acoustics engineering firm. This report is typically prepared prior to the start of design, but by the engineer insisting on cast iron, the project was able to answer many of the concerns. Another benefit of using cast iron? Based upon the back-to-back floor mount bottom outlet fixture types used in conjunction with the lavatories within a confined wall space, the project was able to use starter fittings.

>> **Charlotte Pipe and Foundry Products Used**

- Full Line Of Cast Iron Soil Pipe
- Service, Extra Heavy and Hubless

2" - 15"
- Cast Iron Starter Fittings

PROJECT TYPE	>>	Hotel
DATE OF COMPLETION	>>	November 2021
GEOGRAPHIC REGION	>>	Southeast
APPLICATION	>>	Commercial Plumbing System
PROJECT LOCATION	>>	Columbia, SC
BUILDING OWNER	>>	Choice Hotels
PROJECT ENGINEER	>>	LeBlanc Welch nc.
GENERAL CONTRACTOR	>>	McCroly Construction

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