



COLORADO • SINCE 1878

Department of Building Safety Policy and Procedure Statement

FROM: Chad Root, CBO

A handwritten signature in black ink, appearing to read 'Chad Root', written over a horizontal line.

SUBJECT: Under Structural Basement Floor Plumbing Inspections and Requirements

DATE: 1/4/2024

Purpose: The purpose of this policy is to give direction on when plumbing is installed under a structural basement floor or ground level structural floor where the plumbing is put together before the floor is in place and before the plumbing is hung from the structural floor above. City of Louisville Building Department and the State of Colorado will allow this with the following procedures in the Policy statement that must be met.

Policy: The City of Louisville will allow testing and inspection of plumbing systems that are to be installed under a structural floor before the structural floor is in place and before the plumbing is supported from the structural floor under the following conditions only.

1. Plumbing must be under air pressure of 5 psi or 10 ft water column at time of inspection.
2. Plumbing must be secured and anchored with metal strut channel
3. Plumbing must have correct slope at time of inspection.
4. Plumbing must have hangers every 4 ft attached or better to meet code.
5. After floor is installed and plumbing is secured from structural floor the plumbing shall be flooded with water and then scoped/video to verify there is no ponding and slope of plumbing meets code.