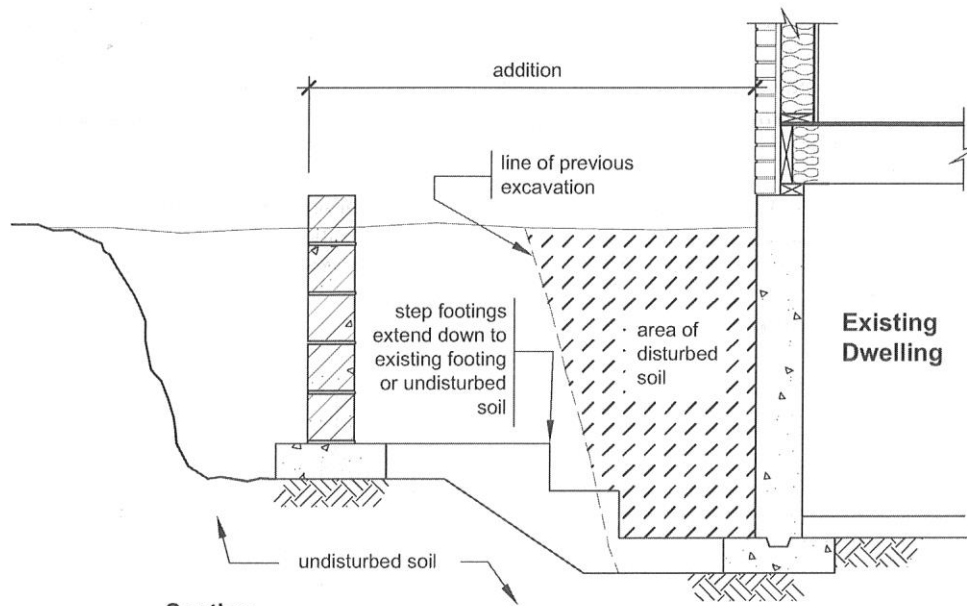


## Step Footing Detail

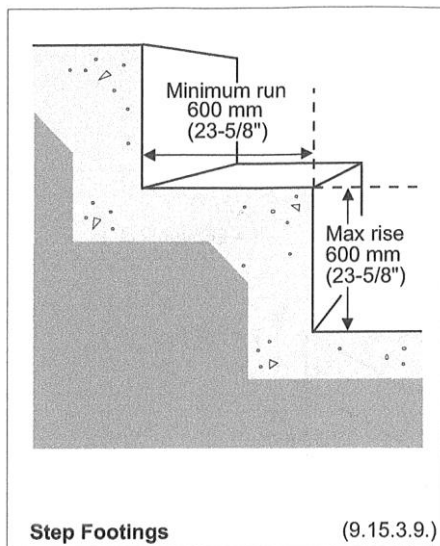


**Section**

**9.12.2.1. Excavation to Undisturbed Soil**

Example: Typical footing to connect a new frost wall to an existing full-depth foundation wall

Per Section 9.12.2.1 of the National Building Code, excavations for foundations are required to extend to undisturbed soil. The footing depth for a foundation being used for an addition is required to extend to meet the depth of the existing foundation.



Per Section 9.15.3.9 of the NBC, the vertical rise of a step footing is limited to a maximum of 600mm and the horizontal run is required to be a minimum of 600mm. Maintain the thickness of the strip footing throughout the rise and run of the step footing.