



**TOPIC: Fire Resistive Construction - NEC/230/#1 & IBC/7/#4**

**CODE: Oregon Structural Specialty Code: 2022 Edition  
Oregon Electrical Specialty Code: 2021 Edition**

**REVISED: March 30, 2023 [Rebecca Esau], Director**

**REFERENCE: Oregon Electrical Specialty Code – Article 230  
Oregon Structural Specialty Code – Chapter 7**

**SUBJECT: Multiple Electrical Services in the Same Building**

**QUESTION:** The Oregon Electrical Specialty Code does not allow more than one electrical service in a single building. The Oregon Structural Specialty Code allows a single building to be treated as separate buildings when they are separated from each other by a Fire Wall. Are there approved alternative methods to separate a building for the purpose of allowing separate electrical services in the same building?

**RESPONSE:** Yes. Where a Fire Wall is required to separate a building for the purposes of allowing the installation of more than one electrical service, the wall may be constructed to the lesser standards of a two-hour-rated Fire Barrier as described in the Structural Specialty Code, except that the wall must extend continuously and vertical from the foundation or on-grade slab, up to the roof sheathing. In a fire situation, a Fire Barrier will provide a sufficient separation to allow for the disconnection of the electrical service to adjacent areas when deemed necessary by the Fire Bureau.

While these separations may be constructed to the standards of a Fire Barrier; a Fire Wall is also an acceptable method.