

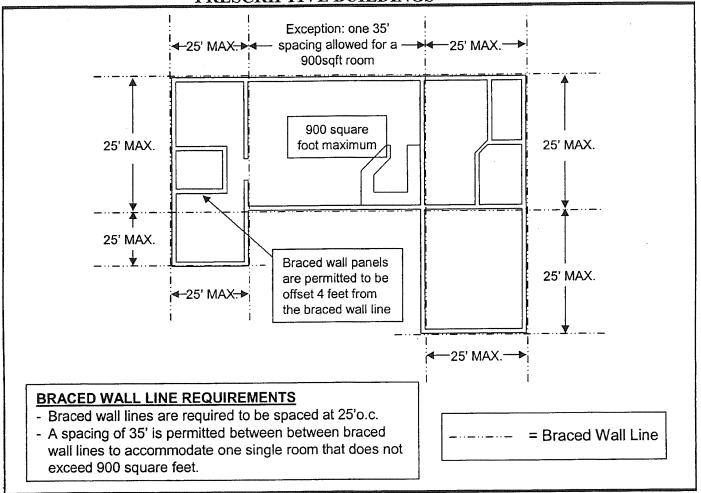
Community Development Department

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PRESCRIPTIVE WALL BRACING BASICS

PRESCRIPTIVE BUILDINGS



NON-PRESCRIPTIVE BUILDINGS

Buildings shall have a lateral-force-resisting system, that resists all wind and seismic loads, designed by a Washington State engineer or architect when any of the following occur:

- 1. When braced wall lines cannot meet the minimum requirements for the amount and locations of bracing required within the braced wall line.
- 2. When braced wall lines are not in plane vertically from the foundation to the uppermost story.
- 3. When a section of floor or roof, that extends more than six feet beyond a braced wall line, is not supported by shear walls or braced wall lines on all edges.
- 4. When braced wall panels are placed over openings in the wall below that exceed eight feet in width.
- 5. When an opening in the floor exceeds 12 feet in any dimension or exceeds 50% of the least floor dimension.