



Appendix A: Significant Structures

Below are the three (3) categories of Significant Structures that apply. See Oregon Revised Statutes (ORS) 672.107 and 455.447. Relevant definitions of “height” and “ground area” can be found at the bottom of the applicable category.

1. Hazardous Facilities & Special Occupancy Structures	2. Essential Facilities	3. Height and Human Occupancy
Engineering of the primary structural frame or load resisting system and its elements or parts for:		
<p>A. Structures housing, supporting or containing sufficient quantities of toxic or explosive substances to be of danger to the safety of the public if released.</p> <p>B. Medical facilities with 50 or more resident, incapacitated patients.</p> <p>C. Buildings with a capacity greater than 250 individuals for every public, private or parochial school through secondary level or child care centers.</p> <p>D. Buildings for colleges or adult education schools with a capacity greater than 500 persons.</p> <p>E. Covered structures whose primary occupancy is public assembly with a capacity greater than 300 persons.</p> <p>F. Jails and detention facilities.</p> <p>G. All structures and occupancies with a capacity greater than 5,000 persons.</p>	<p>A. Hospitals.</p> <p>B. Other medical facilities having surgery and emergency treatment areas.</p> <p>C. Fire and police stations.</p> <p>D. Tanks or other structures containing, housing or supporting water or fire-suppression material; or equipment required for the protection of essential or hazardous facilities or special occupancy structures.</p> <p>E. Emergency vehicle shelters and garages.</p> <p>F. Structures and equipment in emergency-preparedness centers.</p> <p>G. Standby power generating equipment for essential facilities.</p> <p>H. Structures and equipment in government communication centers and other facilities required for emergency response.</p> <p>AND either:</p> <p>Have a ground area of more than 4,000 ft²</p> <p>OR</p> <p>Are more than 20 feet in height</p>	<p>Buildings customarily occupied by humans</p> <p>AND are either:</p> <p>More than 4 stories above average ground level</p> <p>OR</p> <p>More than 45 feet above average ground level</p>
<p>“Ground Area” is defined as any projected or suspended occupied areas above the ground level in combination with areas in contact with the ground. Measurements in determining the ground area shall be taken from outside wall to outside wall and include the sum of the areas of all additions and the area of the original structure. The ground area of a building, or portion thereof, not provided with surrounding exterior walls is the usable area under the horizontal projection of the roof or floor above.</p> <p>“Height” is measured from the top surface of the lowest flooring to the highest interior overhead finish of the structure in determining whether a building exceeds the 20-foot height limitation. A basement floor is considered the lowest flooring when useable (i.e., storage, garage, etc.).</p>		
<p>HOWEVER, Significant Structure does not mean:</p> <ul style="list-style-type: none"> • Agricultural buildings or equine facility (as defined by ORS 455.315) • 1 or 2 family dwellings • Bridges, docks, and piers 		