

# Peer jurisdiction Small Cell Facility code matrix

Jursdiction	Small Cell Support Structure Location + Type	Aesthetics/design	Noise
<b>Renton (Title IV, 4-4-140)</b>	<p>New poles for small cell facilities are allowed when:</p> <ul style="list-style-type: none"> <li>* The small cell facility cannot be located on a site outside of the public right-of-way such as a public park, public property, or in or on a building whether by roof or panel-mount or separate structure; and</li> <li>* The small cell facility cannot be located on an existing pole within the public right-of-way; and</li> <li>* The proposed facility complies with a preferred concealment technique or an approved concealment element plan.</li> </ul>	<p>Small cells must either meet "Preferred Concealment Techniques" or prepare a "Concealment Element Plan". Preferred concealment techniques include:</p> <ul style="list-style-type: none"> <li>* Attaching antennas to buildings and shrouding the antennas;</li> <li>* Screening antennas with a sign</li> <li>* Attaching facilities to lighting or traffic poles.</li> </ul>	<p>No equipment shall be operated so as to produce noise in levels above forty five (45) decibels as measured from the nearest property line on which the wireless communication facility is located.</p>
<b>Redmond (12.14, Article VII (small cells); 21.56 (WCFs))</b>	<p>Small Cells have the same design standards as other WCFs. Code provides order of preference for new antenna support structures for small cell facilities. Establishes standards for small cells attached to utility poles, small cells attached to light poles.</p> <p>Provides hierarchy of location types (e.g. attached to an existing legally established antenna support structure, attached to structure used for research, manufacturing, commercial or office etc.). Applicants are required to locate support structures on the highest ranking location.</p>	<p>Pole mounted equipment shall be located in a manner that minimizes clutter and visual impact.</p> <p>Antennas required to be painted to be camouflaged.</p> <p>Full concealment required in specific corridors (generally major streets).</p> <p>Antennas required to be flush mounted.</p>	<p>No equipment shall be operated so as to produce noise in violation of Chapter 6.36 RMC (Noise Standards). The maximum allowed noise level is 45-70 decibels depending on location and time of day.</p>
<b>Issaquah (18.22)</b>	<p>Defines different types of locations, which are either categorized as "Encouraged", "Discouraged" or "Prohibited" . "Discouraged" locations are only allowed to be used if the applicant demonstrates that no locations on the "Encouraged" list are possible to use, and "Prohibited" locations can only be allowed if the applicant demonstrates that no "Encouraged" or "Discouraged" sites are available and that visual and noise impacts have been minimized.</p>	<p>Screening is required and visual impact must be minimized.</p> <p>Antenna and related equipment shall be placed and treated to present the least possible visual impact to the public. Treatments might include:</p> <ul style="list-style-type: none"> <li>* Equipment enclosure;</li> <li>* Location of antenna and radio box on the pole;</li> <li>* Painting to match the pole; or any combination of these measures.</li> </ul> <p>Limited to no more than 15 feet above the top of a roofline or structure.</p> <p>New poles limited to 30 feet in height, or the minimum height necessary, not to exceed 50 feet.</p>	<p>The proposed siting must minimize noise impacts to adjacent uses.</p>
<b>Federal Way (19.256)</b>	<p>Allowed to be located on existing or replacement light poles, attached to buildings, mounted on cables strung between existing utility poles</p>	<p>Contains design criteria for small cells located on nonwooden poles, wooden poles, buildings, and strung on wires between poles. The city may consider the cumulative visual effects of small wireless facilities mounted on poles within rights-of-way when assessing proposed siting locations so as to not adversely affect the visual character of the city. Small cells on new poles must be contained within the pole unless technically infeasible. Antennas must be a maximum distance from the face of the pole.</p>	<p>No equipment for small cells shall be operated so as to produce noise in violation of Chapter 7.10 FWRC (Federal Way's noise ordinance). The noise ordinance is vague and basically prohibits sounds that are "public disturbance noise."</p>

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<p><b>Bellevue (6.08 (small cells); 20.20.195 (WCFs))</b></p>	<p>Allowed to be pole-mounted (preferred option), strand-mounted (i.e. mounted on a cable between poles)</p>	<p>Contains design criteria for small cells located on poles (city-owned, utility, and new poles) and strand mounted small cells. New poles must be aesthetically compatible with utility poles within 600 feet of the site. If a new pole is located in an area with decorative poles, it will need to mimic the design of the decorative poles.</p>	<p>Must comply with standards for noise emissions (listed in BCC 9.18, between 45 and 70 decibels based on zoning and time of day).</p>
<p><b>Bainbridge Island (18.10A, 19.10 (small cells - INTERIM ORDINANCE); 18.10 (WCFs))</b></p>	<p>Allowed to be attached to existing or replacement light and utility poles, existing buildings, or cables strung between existing utility poles.</p>	<p>Antennas and equipment shall have subdued colors and nonreflective materials. To the greatest extent feasible, contrast between the pole and attached antennas and equipment, colors, finishes, brackets and configuration shall be minimized.</p>	<p>No equipment shall be operated so as to produce noise in violation of Chapter 16.16 BIMC (Noise Standards). The maximum allowed noise level is set by 173-60-040 WAC, between 45 and 70 decibels based on location and time of day.</p>
<p><b>Bainbridge Island (18.10A, 19.10 (small cells - INTERIM ORDINANCE); 18.10 (WCFs))</b></p>	<p>New poles are only allowed if facility cannot be located on an existing utility pole or light pole, building, transmission tower, or in or on a nonresidential use in a residential zone; concealment design must be approved.</p>	<p>Contains design criterial for small cells located on nonwooden poles, wooden poles, buildings, and strung on wires between poles. Equipment must be located to minimize visual impact. New poles may only be proposed if the above listed options are not available and if concealed as approved by the City.</p>	<p>No equipment shall be operated so as to produce noise in violation of Chapter 16.16 BIMC (Noise Standards). The maximum allowed noise level is set by 173-60-040 WAC, between 45 and 70 decibels based on location and time of day.</p>
<p><b>Medina (19.14, 20.38 (small cells); 20.37 (WCFs))</b></p>	<p>Provides a hierarchy for small cell placement (replacement wooden poles &gt; new metal pole on 84th Ave NE &gt; new poles that meet City design standards)</p>	<p>Contains design criteria and concealment standards for small cells located on nonwooden poles, wooden poles, buildings, and strung on wires between poles. Special criteria for small cells on new poles in the City's designated "design zones"</p>	<p>No equipment shall be operated so as to produce noise in violation of Chapter 8.06 MMC (Noise Standards). The maximum allowed noise level is between 45 and 60 decibels based on location and time of day</p>