

<b>CITY OF RICHMOND</b>	
<b>CITY COUNCIL POLICY</b>	Adopted: December 4, 2018 Revised: October 1, 2019
<b>GENERAL SUBJECT: SMALL WIRELESS FACILITIES</b>	

**SECTION 1 PURPOSE AND INTENT**

- (a) The City of Richmond intends this Policy to establish reasonable, uniform and comprehensive standards and procedures for small wireless facilities deployment, construction, installation, collocation, modification, operation, relocation and removal within the City’s territorial boundaries, consistent with and to the extent permitted under federal and California state law. The standards and procedures contained in this Policy are intended to, and should be applied to, protect and promote public health, safety and welfare, and balance the benefits that flow from robust, advanced wireless services with the City’s local values, which include without limitation the livability, accessibility, quality and visual aesthetic character of the City, its neighborhoods and community. Consistent with the City’s commitment to the precautionary principle (City Council Resolution 38-11) and Health in All Policies (Ordinance No. 27-15 N.S.), the provisions in this Policy are intended to ensure that infrastructure deployments demonstrate compliance with all applicable health and safety regulations and are encouraged to be located and designed to mitigate adverse impacts on livability, accessibility, quality and visual aesthetic character. The City’s commitment to the precautionary principle and Health in All Policies shall not be interpreted or applied to regulate personal wireless service facilities on the basis of environmental effects of radio frequency emissions to the extent that such wireless facilities comply with the FCC’s regulations concerning such emissions. This Policy is also intended to reflect and promote the community interest by (1) ensuring that the balance between public and private interest is maintained; (2) protecting the City’s livability, accessibility, quality and visual character from potential adverse impacts or visual blight created or exacerbated by small wireless facilities and related communications infrastructure; (3) protecting and preserving the City’s environmental resources; and (4) promoting access to high-quality, advanced wireless services for the City’s residents, businesses and visitors.
  
- (b) This Policy is not intended to, nor shall it be interpreted or applied to: (1) prohibit or effectively prohibit any personal wireless service provider’s ability to provide personal wireless services; (2) prohibit or effectively prohibit any entity’s ability to provide any interstate or intrastate telecommunications service, subject to any competitively neutral and nondiscriminatory rules, regulations or other legal requirements for rights-of-way management; (3) unreasonably discriminate among providers of functionally equivalent services; (4) deny any request for

authorization to place, construct or modify personal wireless service facilities on the basis of environmental effects of radio frequency emissions to the extent that such wireless facilities comply with the FCC's regulations concerning such emissions; (5) prohibit any collocation or modification that the City may not deny under federal or California state law; (6) impose any unfair, unreasonable, discriminatory or anticompetitive fees that exceed the reasonable cost to provide the services for which the fee is charged; or (7) otherwise authorize the City to preempt any applicable federal or California law.

- (c) This Policy can be amended over time to reflect changes in the City's and its community's needs and evolve with the rapid and often dramatic changes in applicable laws and available technologies.

## SECTION 2 DEFINITIONS

- (a) "**antenna**" means the same as defined by the FCC in 47 C.F.R. § 1.6002(b), as may be amended or superseded.
- (b) "**arterial road**" means a road designed primarily for long-distance travel with maximum speeds above 35 miles per hour, high traffic capacity and low accessibility from neighboring roads.
- (c) "**collector road**" means a road designed primarily as a connection between local roads and arterials, with maximum speeds up to 35 miles per hour, moderate traffic capacity and high accessibility from local roads.
- (d) "**collocation**" means the same as defined by the FCC in 47 C.F.R. § 1.6002(g), as may be amended or superseded.
- (e) "**concealed**" or "**concealment**" means camouflaging techniques that integrate the transmission equipment into the surrounding natural and/or built environment such that the average, untrained observer cannot directly view the equipment but would likely recognize the existence of the wireless facility or concealment technique. Camouflaging concealment techniques include, but are not limited to: (1) facade or rooftop mounted pop-out screen boxes; (2) antennas mounted within a radome above a streetlight; (3) equipment cabinets in the public rights-of-way painted or wrapped to match the background; and (4) an isolated or standalone faux-tree.
- (f) "**decorative pole**" means any pole that includes decorative or ornamental features, design elements and/or materials intended to enhance the appearance of the pole or the public right-of-way in which the pole is located.
- (g) "**Director**" means the Director of Planning and Building for the City of Richmond or the Director's designee.

- (h) **“FCC”** means the Federal Communications Commission or its duly appointed successor agency.
- (i) **“FCC Shot Clock”** means the presumptively reasonable time frame within which the City must act on a wireless application, as defined by the FCC and as may be amended from time to time.
- (j) **“local road”** means a road designed primarily to provide access to abutting properties from collectors or arterials, with maximum speeds up to 25 miles per hour and low traffic capacity.
- (k) **“ministerial permit”** means any City-issued non-discretionary permit required to commence or complete any construction or other activity subject to the City’s jurisdiction. Ministerial permits may include, without limitation, a building permit, construction permit, electrical permit, encroachment permit, excavation permit and/or traffic control permit.
- (l) **“OTARD”** means any over-the-air-reception-device subject to 47 C.F.R. § 1.4000, as may be amended or superseded.
- (m) **“personal wireless services”** means the same as defined in 47 U.S.C. § 332(c)(7)(C)(i), as may be amended or superseded, which defines the term as commercial mobile services, unlicensed wireless services and common carrier wireless exchange access services.
- (n) **“personal wireless service facilities”** means the same as defined in 47 U.S.C. § 332(c)(7)(C)(i), as may be amended or superseded, which defines the term as facilities that provide personal wireless services.
- (o) **“RF”** means radio frequency or electromagnetic waves generally between 30 kHz and 300 GHz in the electromagnetic spectrum range.
- (p) **“Section 6409”** means Section 6409(a) of the Middle Class Tax Relief and Job Creation Act of 2012, Pub. L. No. 112-96, 126 Stat. 156, codified as 47 U.S.C. § 1455(a), as may be amended.
- (q) **“small wireless facility”** or **“small wireless facilities”** means the same as defined by the FCC in 47 C.F.R. § 1.6002(f), as may be amended or superseded.

### **SECTION 3 APPLICABILITY**

- (a) **Applicable Wireless Facilities.** Except as expressly provided otherwise in this Policy, the provisions in this Policy shall be applicable to all existing small wireless facilities and all applications and requests for authorization to construct, install, attach, operate, collocate, modify, reconstruct, relocate or otherwise

deploy small wireless facilities within the City's jurisdictional and territorial boundaries within the public rights-of-way or on private property.

- (b) **Exemptions.** Notwithstanding anything in this Policy to the contrary, a small cell permit shall not be required for:
  - (1) wireless facilities or other infrastructure deployments owned and operated by the City for its use;
  - (2) OTARD facilities;
  - (3) all requests for approval to collocate, replace or remove transmission equipment at an existing wireless tower or base station submitted pursuant to Section 6409, which will be reviewed under the standards in Richmond Municipal Code Article 15.04.614.
- (c) **Other Infrastructure Deployments.** To the extent that other infrastructure deployments, including without limitation any deployments that require approval pursuant to Richmond Municipal Code Chapter 12.28, involve the same or substantially similar structures, apparatus, antennas, equipment, fixtures, cabinets, cables or improvements, the Director or other official responsible to review and approve or deny requests for authorization in connection with such other infrastructure deployment shall apply the provisions in this Policy unless specifically prohibited by applicable law.

#### **SECTION 4 REQUIRED PERMITS AND APPROVALS**

- (a) **Small Cell Permit.** A "small cell permit," subject to the Director's prior review and approval, is required for any small wireless facility proposed on an existing, new or replacement support structure.
- (b) **Other Permits and Approvals.** In addition to a small cell permit, the applicant must obtain all other permits and regulatory approvals as may be required by any other federal, state or local government agencies, which includes without limitation any ministerial permits and/or approvals issued by other City departments or divisions. All applications for ministerial permits submitted in connection with a proposed small wireless facility must contain a valid small cell permit for the proposed facility. Any application submitted without such small cell permit will be denied without prejudice. Furthermore, any permit or approval granted under this Policy shall remain subject to all lawful conditions and/or legal requirements associated with such other permits or approvals.

#### **SECTION 5 SMALL CELL PERMIT APPLICATION REQUIREMENTS**

- (a) **Small Cell Permit Application Contents.** All applications for a small cell permit must include all the information and materials required in this subsection (a).

- (1) **Application Form.** The applicant shall submit a complete, duly executed small cell permit application on the then-current form prepared by the Director of Planning and Building or his/her designee.
- (2) **Application Fee.** The applicant shall submit the applicable small cell permit application fee established by City Council resolution. Batched applications must include the applicable small cell permit application fee for each small wireless facility in the batch. If no small cell permit application fee has been established, then the applicant must submit a signed written statement that acknowledges that the applicant will be required to reimburse the City for its reasonable costs incurred in connection with the application.
- (3) **Construction Drawings.** The applicant shall submit true and correct construction drawings, prepared, signed and stamped by a California licensed or registered engineer, that depict all the existing and proposed improvements, equipment and conditions related to the proposed project, which includes without limitation any and all poles, posts, pedestals, traffic signals, towers, streets, sidewalks, pedestrian ramps, driveways, curbs, gutters, drains, handholes, manholes, fire hydrants, equipment cabinets, antennas, cables, trees and other landscape features. The construction drawings must: (i) contain cut sheets that contain the technical specifications for all existing and proposed antennas and accessory equipment, which includes without limitation the manufacturer, model number and physical dimensions; (ii) identify all structures within 500 feet from the proposed project site and call out such structures' overall height above ground level; (iii) depict the applicant's plan for electric and data backhaul utilities, which shall include the locations for all conduits, cables, wires, handholes, junctions, transformers, meters, disconnect switches, and points of connection; and (iv) demonstrate that proposed project will be in full compliance with all applicable health and safety laws, regulations or other rules, which includes without limitation all building codes, electric codes, local street standards and specifications, and public utility regulations and orders.
- (4) **Site Survey.** For any small wireless facility proposed to be located within the public rights-of-way, the applicant shall submit a survey prepared, signed and stamped by a California licensed or registered engineer. The survey must identify and depict all existing boundaries, encroachments and other structures within 75 feet from the proposed project site, which includes without limitation all: (i) traffic lanes; (ii) all private properties and property lines; (iii) above and below-grade utilities and related structures and encroachments; (iv) fire hydrants, roadside call boxes and other public safety infrastructure; (v) streetlights, decorative poles, traffic signals and permanent signage; (vi) sidewalks, driveways, parkways, curbs, gutters and storm drains; (vii) benches, trash cans, mailboxes, kiosks and other street furniture; and (viii) existing trees, planters and other landscaping features.

- (5) **Photo Simulations.** The applicant shall submit site photographs and photo simulations that show the existing location and proposed small wireless facility in context from at least three vantage points within the public streets or other publicly accessible spaces, together with a vicinity map that shows the proposed site location and the photo location for each vantage point.
- (6) **Project Narrative and Justification.** The applicant shall submit a written statement that explains in plain factual detail whether and why the proposed wireless facility qualifies as a “small wireless facility” as defined by the FCC in 47 C.F.R. § 1.6002(l). A complete written narrative analysis will state the applicable standard and all the facts that allow the City to conclude the standard has been met—bare conclusions not factually supported do not constitute a complete written analysis. As part of the written statement the applicant must also include (i) whether and why the proposed support is a structure as defined by the FCC in 47 C.F.R. § 1.6002(m); and (ii) whether and why the proposed wireless facility meets each required finding for a small cell permit as provided in Section 7(c).
- (7) **RF Compliance Report.** The applicant shall submit an RF exposure compliance report that certifies that the proposed small wireless facility, as well as any collocated wireless facilities, will comply with applicable federal RF exposure standards and exposure limits. The RF report must be prepared and certified by an RF engineer acceptable to the City. The RF report must include the actual frequency and power levels (in watts ERP) for all existing and proposed antennas at the site and exhibits that show the location and orientation of all transmitting antennas and the boundaries of areas with RF exposures in excess of the uncontrolled/general population limit (as that term is defined by the FCC) and also the boundaries of areas with RF exposures in excess of the controlled/occupational limit (as that term is defined by the FCC). Each such boundary shall be clearly marked and identified for every transmitting antenna at the project site.
- (8) **Public Notices.** The applicant shall submit a mailing list and envelopes, stamped and addressed, for all properties and record owners of properties entitled to receive notice under Section 7(a). Insufficient postage and/or illegible addressing shall be a basis to deem the application incomplete.
- (9) **Regulatory Authorization.** The applicant shall submit evidence of the applicant’s regulatory status under federal and California law to provide the services and construct the small wireless facility proposed in the application.
- (10) **Site Agreement.** For any small wireless facility proposed to be installed on any structure owned or controlled by the City and located within the public rights-of-way, the applicant shall submit a partially-executed site agreement on a form prepared by the City that states the terms and conditions for such

non-exclusive use by the applicant. No changes shall be permitted to the City's form site agreement except as may be (i) indicated on the form itself or (ii) approved on a case-by-case basis by the City Manager (or his or her designee), provided that the City Attorney concurs that such change does not affect a material term or expose the City to an undue risk considering the nature of the licensee, licensed infrastructure and proposed use(s). Any unpermitted changes to the City's form site agreement shall be deemed a basis to deem the application incomplete.

- (11) **Title Report and Property Owner's Authorization.** For any small wireless facility proposed to be installed on any private property not owned or controlled by the City, the applicant must submit: (i) a title report issued within 30 days from the date the applicant filed the application; and (ii) if the applicant is not the property owner, a written authorization signed by the property owner identified in the title report that authorizes the applicant to submit and accept a small cell permit in connection with the subject property.
- (12) **Acoustic Analysis.** The applicant shall submit an acoustic analysis prepared and certified by an engineer for the proposed small wireless facility and all associated equipment including all environmental control units, sump pumps, temporary backup power generators and permanent backup power generators demonstrating compliance with the City's noise regulations. The acoustic analysis must also include an analysis of the manufacturers' specifications for all noise-emitting equipment and a depiction of the proposed equipment relative to all adjacent property lines. In lieu of an acoustic analysis, the applicant may submit evidence from the equipment manufacturer that the ambient noise emitted from all the proposed equipment will not, both individually and cumulatively, exceed the applicable limits.
- (b) **Peer and Independent Consultant Review.** The City Council authorizes the Director to, in the Director's discretion, select and retain an independent consultant with specialized training, experience and/or expertise in telecommunications issues satisfactory to the Director in connection with any permit application. The Director may request an independent consultant review on any issue that involves specialized or expert knowledge in connection with wireless facilities deployment or permit applications for wireless facilities, which include without limitation: (a) permit application completeness and/or accuracy; (b) pre-construction planned compliance with applicable regulations for human exposure to RF emissions; (c) post-construction actual compliance with applicable regulations for human exposure to RF emissions; (d) whether and to what extent a proposed project will comply with applicable laws; (e) the applicability, reliability and/or sufficiency of any information, analyses or methodologies used by the applicant to reach any conclusions about any issue with the City's discretion to review; and (f) any other issue identified by the Director that requires expert or specialized knowledge. The Director may request that the independent consultant prepare written reports, testify at public

meetings, hearings and/or appeals and attend meetings with City staff and/or the applicant. Subject to applicable law, in the event that the Director elects to retain an independent consultant in connection with any permit application, the applicant shall be responsible for the reasonable costs in connection with the services provided, which may include without limitation any costs incurred by the independent consultant to attend and participate in any meetings or hearings. Before the independent consultant may perform any services, the applicant shall tender to the City a deposit in an amount equal to the estimated cost for the services to be provided as determined by the Director. The Director may request additional deposits as reasonably necessary to ensure sufficient funds are available to cover the reasonable costs in connection with the independent consultant's services. In the event that the deposit exceeds the total costs for consultant's services, the Director shall promptly return any unused funds to the applicant after the wireless facility has been installed and passes a final inspection by the Director or his or her designee. In the event that the reasonable costs for the independent consultant's services exceed the deposit, the Director shall invoice the applicant for the balance. The City shall not issue any construction or encroachment permit to any applicant with any unpaid deposit requests or invoices.

- (c) **Additional Requirements.** The City Council authorizes the Director to develop, publish and from time to time update or amend permit application requirements, forms, checklists, guidelines, informational handouts and other related materials that the Director finds necessary, appropriate or useful for processing any application governed under this Policy. All such requirements and materials must be in written form and publicly stated to provide all interested parties with prior notice.

## **SECTION 6 SMALL CELL PERMIT APPLICATION SUBMITTAL AND REVIEW**

- (a) **Requirements for a Duly Filed Application.** Any application for a small cell permit will not be considered duly filed unless submitted in accordance with the requirements in this subsection (a).
  - (1) **Submittal Appointment.** All applications must be submitted to the City at a pre-scheduled appointment with the Director. Applicants may generally submit one application per appointment, or up to five individual applications per appointment for batched applications subject to subsection (d). Applicants may schedule successive appointments for multiple applications whenever feasible and not prejudicial to other applicants. The Director shall use reasonable efforts to provide the applicant with an appointment within five working days after the Director receives a written request. Any application received without an appointment, whether delivered in-person, by mail or through any other means, will not be considered duly filed.

- (2) **Pre-Submittal Conferences.** The City strongly encourages, but does not require, applicants to schedule and attend a pre-submittal conference with the Director for all proposed projects that involve more than five (5) small wireless facilities. This voluntary pre-submittal conference does not cause the FCC Shot Clock to begin and is intended to streamline the review process through informal discussion that includes, without limitation, the appropriate project classification and review process; any latent issues in connection with the proposed project, including compliance with generally applicable rules for public health and safety; potential concealment issues or concerns (if applicable); coordination with other City departments responsible for application review; and application completeness issues. To mitigate unnecessary delays due to application incompleteness, applicants are encouraged (but not required) to bring any draft applications or other materials so that City staff may provide informal feedback and guidance about whether such applications or other materials may be incomplete or unacceptable. The Director shall use reasonable efforts to provide the applicant with an appointment within five working days after receiving a written request and any applicable fee or deposit to reimburse the City for its reasonable costs to provide the services rendered in the pre-submittal conference.
- (b) **Application Completeness Review.** Within 30 calendar days after the Director receives a duly filed small cell permit application, the Director shall review the application for completeness and, if any application does not contain all the materials required in Section 5(a) or any other publicly stated requirements, send a written notice to the applicant that identifies the missing or incomplete requirements.
- (c) **Applications Deemed Withdrawn.** To promote efficient review and timely decisions, and to mitigate unreasonable delays or barriers to entry caused by chronically incomplete applications, any application governed under this Policy will be automatically deemed withdrawn by the applicant when the applicant fails to tender a substantive response to the Director within 60 calendar days after the Director deems the application incomplete in a written notice to the applicant. As used in this subsection (c), a “substantive response” must include the materials identified as incomplete in the Director’s notice.
- (d) **Batched Applications.** Applicants may submit up to five individual applications for a small cell permit in a batch; provided, however, that small wireless facilities in a batch must be proposed with substantially the same equipment in the same configuration on the same support structure type. Each application in a batch must meet all the requirements for a complete application, which includes without limitation the application fee for each application in the batch. If any application in a batch is incomplete, the entire batch shall be deemed incomplete. If any application is withdrawn or deemed withdrawn from a batch, the entire batch

shall be deemed withdrawn. If any application in a batch fails to meet the required findings for approval, the entire batch shall be denied.

- (e) **Additional Procedures.** The City Council authorizes the Director to establish other reasonable rules and regulations for duly filed applications, which may include without limitation regular hours for appointments with applicants, as the Director deems necessary or appropriate to organize, document and manage the application intake process. All such rules and regulations must be in written form and publicly stated to provide all interested parties with prior notice.

## **SECTION 7 APPROVALS AND DENIALS; NOTICES**

- (a) **Public Notice.** Prior to any approval, conditional approval or denial, public notice shall be mailed to all properties by the City at the applicant's expense and record owners of properties within 500 feet from the project site measured laterally in both directions and all persons who voluntarily added their names to a list of interested parties to be maintained by the City. The notice must contain: (1) a general project description; (2) the applicant's identification and contact information as provided on the application submitted to the City; (3) contact information for the Director; (4) a statement that the Director will act on the application without a public hearing but will for a minimum of five (5) days from the date of the notice accept written public comments that evaluate the application for compliance with the standards in this Policy; and (5) a statement that the FCC requires the City to act on small cell permit applications, which includes any administrative appeals, in 60 days for attachments to existing structures and 90 days for new structures, unless the applicant voluntarily agrees to toll (i.e., pause or extend) the timeframe for review.
- (b) **Administrative Review.** Not less than 10 calendar days after the public notice required in subsection (a), the Director shall approve, conditionally approve or deny a complete and duly filed small cell permit application without a public hearing.
- (c) **Required Findings.** The Director may approve or conditionally approve a complete and duly filed application for a small cell permit when the Director finds:
  - (1) the proposed project meets the definition for a "small wireless facility" as defined by the FCC;
  - (2) the applicant has demonstrated with clear, convincing and objectively verifiable evidence in the written record that (i) the proposed project would be in the most preferred location as set forth in Section 9 (Location Requirements) and that any more preferred location as set forth in Section 9 would be an inadequate location for the proposed project; and (ii) that any more-preferred location(s) within 500 feet in any direction of the proposed site would be technically infeasible;

- (3) the proposed project would not be located on a prohibited support structure identified in this Policy;
  - (4) the proposed project would be on the most preferred support structure within 500 feet from the proposed site in any direction or the applicant has demonstrated with clear, convincing and objectively verifiable evidence in the written record that any more-preferred support structure(s) within 500 feet would be technically infeasible;
  - (5) the proposed project complies with all applicable design standards in this Policy;
  - (6) the applicant has demonstrated that the proposed project will be in planned compliance with all applicable FCC regulations and guidelines for human exposure to RF emissions;
  - (7) all public notices required for the application have been given; and
  - (8) the proposed project will not create any nuisances arising from the emissions of odor, dust, gas, noise, vibration, smoke, heat, glare or other pollutants at a level exceeding applicable control limits defined by any applicable provision in the Richmond Municipal Code.
- (d) **Conditional Approvals; Denials without Prejudice.** Subject to any applicable federal or California laws, nothing in this Policy is intended to limit the Director's ability to conditionally approve or deny without prejudice any small cell permit application as may be necessary or appropriate to ensure compliance with this Policy.
- (e) **Decision Notices.** Within five calendar days after the Director acts on a small cell permit application or before the FCC Shot Clock expires (whichever occurs first), the Director shall notify the applicant of such decision by written notice. If the Director denies the application (with or without prejudice), the written notice must contain the reasons for the decision.
- (f) **Appeals.** Any decision by the Director shall be final and not subject to any administrative appeals.

## **SECTION 8 STANDARD CONDITIONS OF APPROVAL**

- (a) **General Conditions.** In addition to all other conditions that may be adopted by the Director for a small cell permit, all small cell permits issued under this Policy shall be automatically subject to the conditions in this subsection (a).

- (1) **Permit Term.** This small cell permit will automatically expire 10 years and one day from its issuance. Any other permits or approvals issued in connection with any collocation, modification or other change to this small wireless facility, which includes without limitation any permits or other approvals deemed-granted or deemed-approved under federal or state law, will not extend this term limit unless expressly provided otherwise in such permit or approval or required under federal or state law. To the extent that this small cell permit is issued in connection with any structure owned or controlled by the City and located in the public rights-of-way, this small cell permit shall be coterminous with the cancellation, termination or expiration of the agreement between the applicant and the City for access to the subject City structure.
- (2) **Permit Renewal.** Not more than one year before this small cell permit expires, the permittee may apply for permit renewal. The permittee must demonstrate that the subject small wireless facility complies with all the conditions of approval associated with this small cell permit and all applicable provisions in the Richmond Municipal Code and this Policy that exist at the time the decision to renew or not renew the permit is rendered. The Director may modify or amend the conditions on a case-by-case basis as may be necessary or appropriate to ensure compliance with this Policy. Upon renewal, this small cell permit will automatically expire 10 years and one day from its issuance.
- (3) **Post-Installation Certification.** Within 60 calendar days after the permittee commences full, unattended operations of a small wireless facility approved or deemed-approved, the permittee shall provide the Director with documentation reasonably acceptable to the Director that the small wireless facility has been installed and/or constructed in strict compliance with the approved construction drawings and photo simulations. Such documentation shall include without limitation as-built drawings, GIS data and site photographs.
- (4) **Build-Out Period.** This small cell permit will automatically expire six (6) months from the approval date (the “build-out period”) unless the permittee obtains all other permits and approvals required to install, construct and/or operate the approved small wireless facility, which includes without limitation any permits or approvals required by the any federal, state or local public agencies with jurisdiction over the subject property, the small wireless facility or its use. If this build-out period expires, the City will not extend the build-out period but the permittee may resubmit a complete application, including all application fees, for the same or substantially similar project.
- (5) **Site Maintenance.** The permittee shall keep the site, which includes without limitation any and all improvements, equipment, structures, access routes, fences and landscape features, in a neat, clean and safe condition in

accordance with the approved construction drawings and all conditions in this small cell permit. The permittee shall keep the site area free from all litter and debris at all times. The permittee, at no cost to the City, shall remove and remediate any graffiti or other vandalism at the site within 48 hours after the permittee receives notice or otherwise becomes aware that such graffiti or other vandalism occurred.

- (6) **Compliance with Laws.** The permittee shall maintain compliance at all times with all federal, state and local statutes, regulations, orders or other rules that carry the force of law (“laws”) applicable to the permittee, the subject property, the small wireless facility or any use or activities in connection with the use authorized in this small cell permit, which includes without limitation any laws applicable to human exposure to RF emissions. The permittee expressly acknowledges and agrees that this obligation is intended to be broadly construed and that no other specific requirements in these conditions are intended to reduce, relieve or otherwise lessen the permittee’s obligations to maintain compliance with all laws. No failure or omission by the City to timely notice, prompt or enforce compliance with any applicable provision in the Richmond Municipal Code, this Policy, any permit, any permit condition or any applicable law or regulation, shall be deemed to relieve, waive or lessen the permittee’s obligation to comply in all respects with all applicable provisions in the Richmond Municipal Code, this Policy, any permit, any permit condition or any applicable law or regulation.
- (7) **Adverse Impacts on Other Properties.** The permittee shall use all reasonable efforts to avoid any and all unreasonable, undue or unnecessary adverse impacts on nearby properties that may arise from the permittee’s or its authorized personnel’s construction, installation, operation, modification, maintenance, repair, removal and/or other activities on or about the site. The permittee shall not perform or cause others to perform any construction, installation, operation, modification, maintenance, repair, removal or other work that involves heavy equipment or machines except during normal construction work hours authorized by the Richmond Municipal Code. The restricted work hours in this condition will not prohibit any work required to prevent an actual, immediate harm to property or persons, or any work during an emergency declared by the City or other state or federal government agency or official with authority to declare a state of emergency within the City. The Director may issue a stop work order for any activities that violates this condition in whole or in part.
- (8) **Inspections; Emergencies.** The permittee expressly acknowledges and agrees that the City’s officers, officials, staff, agents, contractors or other designees may enter onto the site and inspect the improvements and equipment upon reasonable prior notice to the permittee. Notwithstanding the prior sentence, the City’s officers, officials, staff, agents, contractors or other designees may, but will not be obligated to, enter onto the site area without

prior notice to support, repair, disable or remove any improvements or equipment in emergencies or when such improvements or equipment threatens actual, imminent harm to property or persons. The permittee, if present, may observe the City's officers, officials, staff or other designees while any such inspection or emergency access occurs.

- (9) **Permittee's Contact Information.** Within 10 days from the final approval of this small cell permit, the permittee shall furnish the Director with accurate and up-to-date contact information for a person responsible for the small wireless facility, which includes without limitation such person's full name, title, direct telephone number, facsimile number, mailing address and email address. The permittee shall keep such contact information up-to-date at all times and promptly provide the Director with updated contact information if either the responsible person or such person's contact information changes.
- (10) **Indemnification.** The permittee and, if applicable, the property owner (if not on City-owned infrastructure) upon which the small wireless facility is installed shall defend, indemnify and hold harmless the City, City Council and the City's boards, commissions, agents, officers, officials, employees and volunteers (collectively, the "indemnitees") from any and all (1) damages, liabilities, injuries, losses, costs and expenses and from any and all claims, demands, law suits, writs and other actions or proceedings ("claims") brought against the indemnitees to challenge, attack, seek to modify, set aside, void or annul the City's approval of this small cell permit, and (2) other claims of any kind or form, whether for personal injury, death or property damage, that arise from or in connection with the permittee's or its agents', directors', officers', employees', contractors', subcontractors', licensees' or customers' acts or omissions in connection with this small cell permit or the small wireless facility. In the event the City becomes aware of any claims, the City will use best efforts to promptly notify the permittee and the private property owner (if applicable) and shall reasonably cooperate in the defense. The permittee expressly acknowledges and agrees that the City shall have the right to approve, which approval shall not be unreasonably withheld, the legal counsel providing the City's defense, and the property owner and/or permittee (as applicable) shall promptly reimburse City for any costs and expenses directly and necessarily incurred by the City in the course of the defense. Within ten calendar days of the service of a claim, the permittee shall execute a letter of agreement with the City, acceptable to the Office of the City Attorney, which memorializes the above obligations. The permittee expressly acknowledges and agrees that the permittee's indemnification obligations under this condition are a material consideration that motivates the City to approve this small cell permit, and that such indemnification obligations will survive the expiration, revocation or other termination of this small cell permit.
- (11) **Performance Bond.** Before the City issues any permits required to commence construction in connection with this small cell permit, the permittee

shall post a performance bond from a surety and in a form acceptable to the Director in an amount reasonably necessary to cover the cost to remove the improvements and restore all affected areas based on a written estimate from a qualified contractor with experience in wireless facilities removal. The written estimate must include the cost to remove all equipment and other improvements, which includes without limitation all antennas, radios, batteries, generators, utilities, cabinets, mounts, brackets, hardware, cables, wires, conduits, structures, shelters, towers, poles, footings and foundations, whether above ground or below ground, constructed or installed in connection with the small wireless facility, plus the cost to completely restore any areas affected by the removal work to a standard compliant with applicable laws. In establishing or adjusting the bond amount required under this condition, and in accordance with California Government Code § 65964(a), the Director shall take into consideration any information provided by the permittee regarding the cost to remove the small wireless facility to a standard compliant with applicable laws. The performance bond shall expressly survive the expiration, revocation or other termination of this small cell permit to the extent required to completely remove the equipment and improvements, restore the affected areas and perform all other obligations in accordance with this condition.

- (12) **Permit Revocation.** Any permit granted under this Policy may be revoked in accordance with the provisions and procedures in this condition. The Director may initiate revocation proceedings when the Director has information that the facility may not be in compliance with all applicable laws, which includes without limitation, any permit in connection with the facility and any associated conditions with such permit(s). Before the Director may conduct a public hearing to revoke any permit granted under this Policy, the Director must issue a written notice to the permittee that specifies (i) the facility; (ii) the violation(s) to be corrected; (iii) the timeframe in which the permittee must correct such violation(s); and (iv) that, in addition to all other rights and remedies the City may pursue, the City may initiate revocation proceedings for failure to correct such violation(s). A permit granted under this Policy may be revoked only by the City Council after a duly notice public hearing. The City Council may revoke a permit when it finds substantial evidence in the written record to show that the facility is not in compliance with any applicable laws, which includes without limitation, any permit in connection with the facility and any associated conditions with such permit(s). Any decision by the City Council to revoke or not revoke a permit shall be final and not subject to any further appeals. Within five business days after the City Council adopts a resolution to revoke a permit, the Director shall provide the permittee with a written notice that specifies the revocation and the reasons for such revocation.
- (13) **Record Retention.** Throughout the permit term, the permittee must maintain a complete and accurate copy of the written administrative record, which includes without limitation the small cell permit application, small cell permit,

the approved plans and photo simulations incorporated into this approval, all conditions associated with this approval, any ministerial permits or approvals issued in connection with this approval and any records, memoranda, documents, papers and other correspondence entered into the public record in connection with the small cell permit (collectively, "records"). If the permittee does not maintain such records as required in this condition, any ambiguities or uncertainties that would be resolved by inspecting the missing records will be construed against the permittee. The permittee shall protect all records from damage from fires, floods and other hazards that may cause deterioration. The permittee may keep records in an electronic format; provided, however, that hard copies or electronic records kept in the City's regular files will control over any conflicts between such City-controlled copies or records and the permittee's electronic copies, and complete originals will control over all other copies in any form. The requirements in this condition shall not be construed to create any obligation to create or prepare any records not otherwise required to be created or prepared by other applicable laws. Compliance with the requirements in this condition shall not excuse the permittee from any other similar record-retention obligations under applicable law.

- (14) **Abandoned Wireless Facilities.** The small wireless facility authorized under this small cell permit shall be deemed abandoned if not operated for any continuous six-month period. Within 90 days after a small wireless facility is abandoned or deemed abandoned, the permittee and/or property owner shall completely remove the small wireless facility and all related improvements and shall restore all affected areas to a condition compliant with all applicable laws, which includes without limitation the Richmond Municipal Code. In the event that neither the permittee nor the property owner complies with the removal and restoration obligations under this condition within said 90-day period, the City shall have the right (but not the obligation) to perform such removal and restoration with or without notice, and the permittee and property owner shall be jointly and severally liable for all costs and expenses incurred by the City in connection with such removal and/or restoration activities.
- (15) **Landscaping.** The permittee shall replace any landscape features damaged or displaced by the construction, installation, operation, maintenance or other work performed by the permittee or at the permittee's direction on or about the site. If any trees are damaged or displaced, the permittee shall hire and pay for a licensed arborist to select, plant and maintain replacement landscaping in an appropriate location for the species. Only International Society of Arboriculture certified workers under the supervision of a licensed arborist shall be used to install the replacement tree(s). Any replacement tree must be substantially the same size as the damaged tree and consistent with the City's list of pre-approved street trees. The permittee shall, at all times, be responsible to maintain any replacement landscape features.

- (16) **Cost Reimbursement.** The permittee acknowledges and agrees that (i) the permittee's request for authorization to construct, install and/or operate the wireless facility will cause the City to incur costs and expenses; (ii) the permittee shall be responsible to reimburse the City for all costs incurred in connection with the permit, which includes without limitation costs related to application review, permit issuance, site inspection and any other costs reasonably related to or caused by the request for authorization to construct, install and/or operate the wireless facility; (iii) any application fees required for the application may not cover all such reimbursable costs and that the permittee shall have the obligation to reimburse City for all such costs 10 days after a written demand for reimbursement and reasonable documentation to support such costs; and (iv) the City shall have the right to withhold any permits or other approvals in connection with the wireless facility until and unless any outstanding costs have been reimbursed to the City by the permittee.
- (b) **Conditions for Small Wireless Facilities in the Public Rights-of-Way.** In addition to all conditions in subsection (a), all small cell permits for small wireless facilities in the public rights-of-way issued under this Policy shall be automatically subject to the conditions in this subsection (b).
- (1) **Future Undergrounding Programs.** If other public utilities or communications providers in the public rights-of-way underground their facilities in the segment of the public rights-of-way where the permittee's small wireless facility is located, the permittee must underground its equipment except the antennas, any electric meter and any other equipment that must be placed above ground to function. Accessory equipment such as radios and computers that require an environmentally controlled underground vault to function are not exempt from this condition and shall be undergrounded. Small wireless facilities installed on wood utility poles that will be removed pursuant to the undergrounding program may be reinstalled on a streetlight that complies with the City's standards and specifications. Such undergrounding shall occur at the permittee's sole cost and expense except as may be reimbursed through tariffs approved by the CPUC for undergrounding costs.
- (2) **Electric Meter Upgrades.** If the commercial electric utility provider adopts or changes its rules obviating the need for a separate or ground-mounted electric meter and enclosure, the permittee on its own initiative and at its sole cost and expense shall remove the separate or ground-mounted electric meter and enclosure. Prior to removing the electric meter, the permittee shall apply for any encroachment and/or other ministerial permit(s) required to perform the removal. Upon removal, the permittee shall restore the affected area to its original condition that existed prior to installation of the equipment.

- (3) **Rearrangement and Relocation.** The permittee acknowledges that the City, in its sole discretion and at any time, may: (1) change any street grade, width or location; (2) add, remove or otherwise change any improvements in, on, under or along any street owned by the City or any other public agency, which includes without limitation any sewers, storm drains, conduits, pipes, vaults, boxes, cabinets, poles and utility systems for gas, water, electric or telecommunications; and/or (3) perform any other work deemed necessary, useful or desirable by the City (collectively, “City work”). The City reserves the rights to do any and all City work without any admission on its part that the City would not have such rights without the express reservation in this small cell permit. If the Public Works Director determines that any City work will require the permittee’s small wireless facility located in the public rights-of-way to be rearranged and/or relocated, the permittee shall, at its sole cost and expense, do or cause to be done all things necessary to accomplish such rearrangement and/or relocation. If the permittee fails or refuses to either permanently or temporarily rearrange and/or relocate the permittee’s small wireless facility within a reasonable time after the Public Works Director’s notice, the City may (but will not be obligated to) cause the rearrangement or relocation to be performed at the permittee’s sole cost and expense. The City may exercise its rights to rearrange or relocate the permittee’s small wireless facility without prior notice to permittee when the Public Works Director determines that the City work is immediately necessary to protect public health or safety. The permittee shall reimburse the City for all costs and expenses in connection with such work within ten (10) days after a written demand for reimbursement and reasonable documentation to support such costs.

## **SECTION 9 LOCATION REQUIREMENTS**

- (a) **Preface to Location Requirements.** This subsection (a) provides guidance as to how to interpret and apply the location requirements in this Section 9. To better assist applicants and decisionmakers understand and respond to the community’s aesthetic preferences and values, subsections (b), (c), (d) and (e) set out listed preferences for locations and support structures to be used in connection with small wireless facilities in ordered hierarchies. Applications that involve lesser-preferred locations or structures may be approved so long as the applicant demonstrates that either (1) no more preferred locations or structures exist within 500 feet from the proposed site; or (2) any more preferred locations or structures within 500 feet from the proposed site would be technically infeasible as supported by clear, convincing and objectively verifiable evidence in the written record. Subsection (f) identifies “prohibited” support structures on which the City shall not approve any small cell permit application for any competitor or potential competitor.

(b) **Locations in the Public Rights-of-Way.** The City prefers small wireless facilities in the public rights-of-way to be installed in locations, ordered from most preferred to least preferred, as follows:

- (1) locations within commercial or industrial districts on or along arterial roads;
- (2) locations within commercial or industrial districts on or along collector roads;
- (3) locations within commercial or industrial districts on or along local roads;
- (4) locations within mixed use or other non-residential districts on or along arterial roads;
- (5) locations within mixed use or other non-residential districts on or along collector roads;
- (6) locations within mixed use or other non-residential districts on or along local roads;
- (7) locations within residential districts on or along arterial roads;
- (8) locations within residential districts on or along collector roads;
- (9) any location in any district within 500 feet from any structure approved for a residential use.

(c) **Locations Outside the Public Rights-of-Way.** The City prefers small wireless facilities outside the public rights-of-way to be installed in locations, ordered from most preferred to least preferred, as follows:

- (1) City-owned parcels in any zoning district;
- (2) IB, ILL, IL, IG, and IW zoning districts;
- (3) CG, CR, and CC zoning districts;
- (4) CM-1, CM-2, CM-3, CM-4, CM-5, and LW zoning districts;
- (5) PCI, PR, OS and AG zoning district;
- (6) Planned Area districts; and
- (7) RH, RL1, RL2, RM-1, and RM-2 zoning districts.

- (d) **Support Structures in the Public Rights-of-Way.** The City prefers small wireless facilities to be installed on support structures in the public rights-of-way, ordered from most preferred to least preferred, as follows:
- (1) existing or replacement streetlight poles;
  - (2) existing or replacement wood utility poles;
  - (3) new, non-replacement streetlight poles;
  - (4) new, non-replacement poles for small wireless facilities.
- (e) **Support Structures Outside the Public Rights-of-Way.** The City prefers small wireless facilities to be installed on support structures outside the public rights-of-way, ordered from most preferred to least preferred, as follows:
- (1) existing buildings or other non-tower structures previously approved for use as a support structure for personal wireless service facilities;
  - (2) other existing buildings or non-tower structures;
  - (3) existing or replacement poles or towers;
  - (4) new, non-replacement towers for small wireless facilities.
- (f) **Prohibited Support Structures.** The City prohibits small wireless facilities to be installed on the following support structures, whether located in the public rights-of-way or not:
- (1) decorative poles;
  - (2) traffic signals, signs, poles, cabinets and related devices;
  - (3) any utility pole scheduled for removal or relocation within 12 months from the time the Director acts on the small cell permit application;
  - (4) new, non-replacement wood poles.

## **SECTION 10 DESIGN STANDARDS**

(a) **General Standards.**

- (1) **Noise.** Small wireless facilities and all accessory equipment and transmission equipment must comply with all applicable noise control standards and regulations in Richmond Municipal Code Articles 15.04.605 and 15.04.608,

and shall not exceed, either on an individual or cumulative basis, the noise limit in the applicable district.

- (2) **Lights.** Small wireless facilities shall not include any lights that would be visible from publicly accessible areas, except as may be required under Federal Aviation Administration, FCC, other applicable regulations for health and safety. All equipment with lights (such as indicator or status lights) must be installed in locations and within enclosures that mitigate illumination impacts visible from publicly accessible areas. The provisions in this subsection shall not be interpreted or applied to prohibit installations on streetlights or luminaires installed on new or replacement poles as may be required under this Policy.
- (3) **Landscape Features.** Small wireless facilities shall not displace any existing landscape features unless: (A) such displaced landscaping is replaced with native and/or drought-resistant plants, trees or other landscape features approved by the Director and (B) the applicant submits and adheres to a landscape maintenance plan. The landscape plan must include existing vegetation, and vegetation proposed to be removed or trimmed, and the landscape plan must identify proposed landscaping by species type, size and location. Landscape maintenance must be performed in accordance with Richmond Municipal Code Article 15.04.613.
- (4) **Site Security Measures.** Small wireless facilities may incorporate reasonable and appropriate site security measures, such as locks and anti-climbing devices, to prevent unauthorized access, theft or vandalism. The Director shall not approve any barbed wire, razor ribbon, electrified fences or any similarly dangerous security measures. All exterior surfaces on small wireless facilities shall be constructed from or coated with graffiti-resistant materials.
- (5) **Signage; Advertisements.** All small wireless facilities must include signage that accurately identifies the site owner/operator, the owner/operator's site name or identification number and a toll-free number to the owner/operator's network operations center. Small wireless facilities may not bear any other signage or advertisements unless expressly approved by the City, required by law or recommended under FCC, OSHA or other United States governmental agencies for compliance with RF emissions regulations.
- (6) **Compliance with Health and Safety Regulations.** All small wireless facilities shall be designed, constructed, operated and maintained in compliance with all generally applicable health and safety regulations, which includes without limitation all applicable regulations for human exposure to RF emissions.

(b) **Small Wireless Facilities in the Public Right-of-Way.**

- (1) **Overall Height.** Small wireless facilities may not exceed either (A) the minimum separation from electrical lines required by applicable safety regulations (such as CPUC General Order 95), plus four feet or (B) four feet above the existing support structure.
- (2) **Antennas.**
  - (A) **Concealment.** All antennas and associated mounting equipment, hardware, cables or other connectors must be completely concealed within an opaque antenna shroud or radome. The antenna shroud or radome must be graffiti-resistant and painted a flat, non-reflective color to match the underlying support structure.
  - (B) **Antenna Volume.** Each individual antenna may not exceed three cubic feet in volume and all antennas may not exceed six cubic feet in volume.
- (3) **Accessory Equipment.**
  - (A) **Installation Preferences.** All non-antenna accessory equipment shall be installed in accordance with the following preferences, ordered from most preferred to least preferred: (i) underground in any area in which the existing utilities are primarily located underground; (ii) on the pole or support structure; (iii) integrated into the base of the pole or support structure; or (iv) mounted on the ground. Applications that involve lesser-preferred installation locations may be approved so long as the applicant demonstrates that no more preferred installation location would be technically infeasible as supported by clear and convincing evidence in the written record.
  - (B) **Undergrounded Accessory Equipment.** All undergrounded accessory equipment must be installed in an environmentally controlled vault that is load-rated to meet the City's standards and specifications. Underground vaults located beneath a sidewalk must be constructed with a slip-resistant cover. Vents for airflow shall be flush-to-grade when placed within the sidewalk and may not exceed two feet above grade when placed off the sidewalk. Applicants shall not be permitted to install an underground vault in a location that would cause any existing tree to be materially damaged or displaced.
  - (C) **Pole-Mounted Accessory Equipment.** All pole-mounted accessory equipment must be installed flush to the pole in a single shroud or enclosure to minimize the overall visual profile. If any applicable health and safety regulations prohibit flush-mounted equipment, the maximum separation permitted between the accessory equipment and the pole shall be the minimum separation required by such regulations. All pole-mounted equipment and required or permitted signage must be placed and oriented

away from adjacent sidewalks and structures. Pole-mounted equipment may be installed behind street, traffic or other signs to the extent that the installation complies with applicable public health and safety regulations. All cables, wires and other connectors must be routed through conduits within the pole, and all conduit attachments, cables, wires and other connectors must be concealed from public view. To the extent that cables, wires and other connectors cannot be routed through the pole, applicants shall route them through a single external conduit or shroud that has been finished to match the underlying support structure.

- (D) **Base-Mounted Accessory Equipment.** All base-mounted accessory equipment must be installed within a shroud, enclosure or pedestal integrated into the base of the support structure. All cables, wires and other connectors routed between the antenna and base-mounted equipment must be concealed from public view.
  - (E) **Ground-Mounted Accessory Equipment.** The Director shall not approve any ground-mounted accessory equipment including, but not limited to, any utility or transmission equipment, pedestals, cabinets, panels or electric meters. Notwithstanding the preceding sentence, the Director may grant an exception when the applicant demonstrates by clear and convincing evidence that compliance with this section would be technically infeasible.
  - (F) **Accessory Equipment Volume.** All accessory equipment associated with a small wireless facility installed above ground level shall not cumulatively exceed: (i) nine (9) cubic feet in volume if installed in a residential district or within 500 feet from any structure approved for a residential use; or (ii) seventeen (17) cubic feet in volume if installed in a non-residential district. The volume calculation shall include any shroud, cabinet or other concealment device used in connection with the non-antenna accessory equipment. The volume calculation shall not include any equipment or other improvements placed underground.
- (4) **Streetlights.** Applicants that propose to install small wireless facilities on an existing streetlight must remove and replace the existing streetlight with one substantially similar to the City's standards and specifications but designed to accommodate wireless antennas and accessory equipment, unless the existing streetlight has been designed and engineered to support a small wireless facility in accordance with applicable health and safety regulations. To mitigate any material changes in the streetlighting patterns, the replacement pole must: (A) be located as close to the removed pole as possible; (B) be aligned with the other existing streetlights; and (C) include a luminaire at substantially the same height and distance from the pole as the luminaire on the removed pole. All antennas must be installed above the pole within a single, canister style shroud or radome that tapers to the pole.

- (5) **Wood Utility Poles.** Applicants that propose to install small wireless facilities on an existing wood utility pole must install all antennas above the pole unless the applicant demonstrates that mounting the antennas above the pole would be technically infeasible as supported by clear and convincing evidence in the written record. Side-mounted antennas on a stand-off bracket or extension arm must be concealed within a shroud. All cables, wires and other connectors must be concealed within the side-arm mount or extension arm. The maximum horizontal separation between the antenna and the pole shall be the minimum separation required by applicable health and safety regulations.
- (6) **New, Non-Replacement Poles.** Applicants that propose to install small wireless facilities on a new, non-replacement pole must install a new streetlight substantially similar to the City's standards and specifications but designed to accommodate wireless antennas and accessory equipment located immediately adjacent to the proposed location. If there are no existing streetlights in the immediate vicinity, the applicant may install a metal or composite pole capable of concealing all the accessory equipment either within the pole or within an integrated enclosure located at the base of the pole. The pole diameter shall not exceed twelve (12) inches and any base enclosure diameter shall not exceed sixteen (16) inches. All antennas, whether on a new streetlight or other new pole, must be installed above the pole within a single, canister style shroud or radome.
- (7) **Encroachments over Private Property.** Small wireless facilities may not encroach onto or over any private or other property outside the public rights-of-way without the property owner's express written consent.
- (8) **Backup Power Sources.** Fossil-fuel based backup power sources shall not be permitted within the public rights-of-way; provided, however, that connectors or receptacles may be installed for temporary backup power generators used in an emergency declared by federal, state or local officials.
- (9) **Obstructions; Public Safety.** Small wireless facilities and any associated equipment or improvements shall not physically interfere with or impede access to any: (A) worker access to any above-ground or underground infrastructure for traffic control, streetlight or public transportation, including without limitation any curb control sign, parking meter, vehicular traffic sign or signal, pedestrian traffic sign or signal, barricade reflectors; (B) access to any public transportation vehicles, shelters, street furniture or other improvements at any public transportation stop; (C) worker access to above-ground or underground infrastructure owned or operated by any public or private utility agency; (D) fire hydrant or water valve; (E) access to any doors, gates, sidewalk doors, passage doors, stoops or other ingress and egress points to

any building appurtenant to the rights-of-way; or (F) access to any fire escape.

- (10) **Utility Connections.** All cables and connectors for telephone, data backhaul, primary electric and other similar utilities must be routed underground in conduits large enough to accommodate future collocated wireless facilities. Undergrounded cables and wires must transition directly into the pole base without any external doghouse. All cables, wires and connectors between the underground conduits and the antennas and other accessory equipment shall be routed through and concealed from view within: (A) internal risers or conduits if on a concrete, composite or similar pole; or (B) a cable shroud or conduit mounted as flush to the pole as possible if on a wood pole or other pole without internal cable space. The Director shall not approve new overhead utility lines or service drops merely because compliance with the undergrounding requirements would increase the project cost.
- (11) **Spools and Coils.** To reduce clutter and deter vandalism, excess fiber optic or coaxial cables shall not be spooled, coiled or otherwise stored on the pole outside equipment cabinets or shrouds.
- (12) **Electric Meters.** Small wireless facilities shall use flat-rate electric service or other method that obviates the need for a separate above-grade electric meter. If flat-rate service is not available, applicants may install a shrouded smart meter. The Director shall not approve a separate ground-mounted electric meter pedestal.
- (13) **Street Trees.** To preserve existing landscaping in the public rights-of-way, all work performed in connection with small wireless facilities shall not cause any street trees to be trimmed, damaged or displaced. If any street trees are damaged or displaced, the applicant shall be responsible, at its sole cost and expense, to plant and maintain replacement trees, consistent with the City's list of pre-approved street trees, at the site for the duration of the permit term.

(c) **Small Wireless Facilities Outside the Public Right-of-Way.**

- (1) **Overall Height.** Small wireless facilities on private property may not exceed the applicable height limit for structures in the applicable zoning district or overlay zone.
- (2) **Setbacks.** Small wireless facilities on private property may not encroach into any applicable setback for structures in the subject zoning district.
- (3) **Backup Power Sources.** The Director shall not approve any diesel generators or other similarly noisy or noxious generators in or within 500 feet from any residence; provided, however, the Director may approve sockets or other connections used for temporary backup generators.

- (4) **Parking; Access.** Any equipment or improvements constructed or installed in connection with any small wireless facilities must not reduce any parking spaces below the minimum requirement for the subject property. Whenever feasible, small wireless facilities must use existing parking and access rather than construct new parking or access improvements. Any new parking or access improvements must be the minimum size necessary to reasonably accommodate the proposed use.
- (5) **Towers, Poles and Other Freestanding Small Wireless Facilities.** All new towers, poles or other freestanding structures that support small wireless facilities must be made from a metal or composite material capable of concealing all the accessory equipment, including cables, mounting brackets, radios, and utilities, either within the support structure or within an integrated enclosure located at the base of the support structure. All antennas must be installed above the pole in a single, canister-style shroud or radome. The support structure and all transmission equipment must be painted with flat/neutral colors that match the support structure. The pole height shall not exceed thirty-five (35) feet or the height limit for the applicable zoning district or overlay zone, whichever is less. The pole diameter shall not exceed twelve (12) inches and any base enclosure diameter shall not exceed sixteen (16) inches.
- (6) **Building-Mounted Small Wireless Facilities.**
- (A) **Preferred Concealment Techniques.** All applicants must propose new non-tower small wireless facilities that are completely concealed and architecturally integrated into the existing facade or rooftop features with no visible impacts from any publicly accessible areas at ground level (examples include, but are not limited to, antennas behind existing parapet walls or facades replaced with RF-transparent material and finished to mimic the replaced materials). Alternatively, if the applicant demonstrates with clear and convincing evidence that integration with existing features is technically infeasible, the applicant may propose completely concealed new structures or appurtenances designed to mimic the support structure's original architecture and proportions (examples include, but are not limited to, steeples and chimneys).
- (B) **Facade-Mounted Equipment.** When small wireless facilities cannot be placed behind existing parapet walls or other existing screening elements, the Director may approve facade-mounted equipment in accordance with this subsection (c)(6)(B). All facade-mounted equipment must be concealed behind screen walls and mounted flush to the facade. The Director may not approve "pop-out" screen boxes. Except in industrial zones, the Director may not approve any exposed facade-mounted

antennas, including but not limited to exposed antennas painted to match the facade.