



# TELECOMMUNICATIONS

Community Development Department  
8101 Ralston Road  
Arvada, Colorado 80002

### 5.2.31 Telecommunication Facilities & Dish Antennas

- A. Purpose and Goals. The purpose of these provisions is to establish requirements for the siting of telecommunication facilities. The goals of these provisions are to:
1. Encourage the use of wall mounted panel antennas;
  2. Encourage roof mounted antennas only when wall mounted antennas will not provide adequate service;
  3. Encourage the location of towers in non-residential areas and minimize the total number of towers throughout the community;
  4. Encourage strongly the joint use of new and existing sites;
  5. Encourage telecommunications providers of antennas and towers to locate them, to the extent possible, in areas where the adverse impact on the community is minimal;
  6. Encourage telecommunications providers to configure them in a way that minimizes the adverse visual impact of the antennas and towers; and
  7. Enhance the ability of telecommunications providers to provide such services to the community quickly, effectively, and efficiently.
- B. Applicability. The requirements set forth in 5.2.31 shall not apply to:
1. Amateur radio antennas that are owned and operated by a federally licensed amateur radio station operator or are used exclusively for receive-only antennas, provided the requirement of §6.3.1.C. regarding the height to be no more than the distance from the base of the antenna to the property line is met.
  2. Pre-existing telecommunication facilities. Any telecommunication facility for which a permit has been properly issued prior to August 12, 1997, shall not be required to meet the requirements of this Section, other than the requirements of Sections 5.2.31.D, 5.2.31.E., and 5.2.31.F below. Changes and additions to pre-existing telecommunication facilities shall meet the applicable requirements of this Section 5.2.31.
- Antennas used for reception of television and radio such as television dish antennas, television broadcast band antennas, and broadcast radio antennas, provided that the requirements of §5.3, "Accessory Uses," and §6.3.1.C. of this Code regarding the height to be no more than the distance from the base to the property line is met.
- C. Inventory of Existing Sites. Each Applicant for a telecommunication facility shall provide to the Community Development Department a

narrative and map description of the Applicant's existing or then currently proposed telecommunication facilities within the City, and outside of the City within one mile of its boundaries. In addition, the Applicant shall inform the City generally of the areas of the City in which it believes telecommunication facilities may need to be located within the next three years. This provision is not intended to be a requirement that the Applicant submit its business plan, proprietary information, or make commitments regarding the location of facilities within the City. Rather, it is an attempt to provide a mechanism for the City and all Applicants for telecommunication facilities to share general information, assist in the City's comprehensive planning process, and promote co-location by identifying areas in which telecommunication facilities might be appropriately constructed for multiple users.

The Community Development Department may share such information with other Applicants applying for administrative approvals or conditional permits under this section or other organizations seeking to locate antennas within the jurisdiction of the City, provided, however that the Community Development Department is not, by sharing such information, in any way representing or warranting that such sites are available or suitable unless a more stringent compliance schedule is mandated by the controlling federal agency.

- D. Building Codes; Safety Standards. To ensure the structural integrity of telecommunication facilities, the owner of a telecommunication facility shall ensure that it is maintained in compliance with standards contained in applicable local building codes and the applicable standards for telecommunication facilities that are published by the Electronic Industries Association, as amended from time to time. If, upon inspection, the City concludes that a telecommunication facility fails to comply with such codes and standards and constitutes a danger to persons or property, then, upon written notice being provided to the owner of the telecommunication facility, the owner shall have 30 days from date of notice to bring such telecommunication facility into compliance with such standards. Upon good cause shown by the owner, the City's Chief Building Official may extend such compliance period not to exceed 90 days from the date of said notice. If the owner fails to bring such telecommunication facility into compliance within said time period, the City may remove such facility at the owner's expense.
- E. Removal of Abandoned Telecommunication Facilities. Any telecommunication facility that is not operated for a continuous period of 6 months shall be considered abandoned. The City, in its sole discretion, may require an abandoned telecommunication facility to be removed. The owner of such telecommunication facility shall remove the same within 30 days of receipt of written notice from the City. If such telecommunication facility is not removed within said 30 days, the City may remove it at the owner's expense and any special use site plan approving the telecommunication facility shall be deemed to have expired.

F. Federal Requirements. All telecommunication facilities shall meet the current standards and regulations of the FAA, the FCC, and any other agency of the federal government with the authority to regulate telecommunications facilities. If such standards and regulations are changed, then the owners of the telecommunication facility governed by this section shall bring such telecommunication facility into compliance with such revised standards and regulations within the time period mandated by the controlling federal agency. Failure to meet such revised standards and regulations shall constitute grounds for the removal of the telecommunication facility at the owner's expense.

G. Aesthetics; Lighting. The guidelines set forth in this section shall apply to the location of all telecommunication facilities governed by this section; provided, however, that the City may waive these requirements if it determines that the goals of this section are better served thereby.

1. Freestanding telecommunication facilities shall either maintain a galvanized steel finish, or subject to any applicable FAA standards, be painted a neutral color so as to reduce visual obtrusiveness.
2. The design of a telecommunication facility and any accessory equipment shall, to the extent possible, use materials, colors, textures, screening, and landscaping that will blend the telecommunication facility to the surrounding natural setting and built environment.
3. If an antenna is installed on a structure other than a freestanding telecommunication facility, the antenna and accessory equipment shall be of a neutral color that is identical to, or closely compatible with, the color of the supporting structure so as to make the antenna and related facilities as visually unobtrusive as possible.
4. Freestanding telecommunication facilities shall not be artificially lighted, unless required by the FAA or other applicable governmental authority, or the facility is mounted on a light pole or other similar structure primarily used for lighting purposes.

If lighting is required, the City may review the available lighting alternatives and approve the design that would cause the least disturbance to the surrounding views. Lighting shall be shielded or directed to the greatest extent possible so as to minimize the amount of light falling onto nearby properties, particularly residences.

5. No portion of any antenna may extend beyond the property line.
6. No trees larger than 4 inches in diameter measured at 4 ½ feet high on the tree may be removed, unless authorized by the Community Development Director. To obtain such authorization the Applicant shall show that tree removal is necessary, the

Applicant's plan minimizes the number of trees to be removed and any trees removed are replaced at a ratio of 2 to 1.

7. Accessory telecommunication equipment such as vaults, equipment rooms, and equipment enclosures shall be constructed out of non-reflective materials (visible exterior surfaces only).
8. Accessory equipment for telecommunication facilities shall be designed and constructed to look like a building, facility, or structure typically found in the area.
9. Telecommunication facilities in areas of high visibility shall, where possible, be sited below the ridgeline or be designed (e.g., placed underground, depressed, or located behind earth berms) to minimize their profile.
10. A special design may, where possible, be required of any telecommunication facility where findings of particular sensitivity are made (e.g., proximity to historic or aesthetically significant structures, views and/or community features).

H. Review Procedure General. Applications for telecommunication facilities and dish antennas shall be reviewed pursuant to the following procedures:

1. Wall Mounted. Applications for building wall mounted telecommunication facilities utilizing panel antennas and applications for panel and whip antennas located on existing towers or alternative tower structures shall be reviewed by the Community Development Director for conformance to this section and Code using the Site Plan review procedures set forth in §3.15 of this Code.
2. Roof Mounted. Applications for building roof mounted telecommunication facilities using panel or whip antennas, shall follow the §3.15 Site Plan review process and, as such, the Community Development Director may administratively approve a request for roof mounted facilities or refer the application to City Council for approval, after a recommendation by Planning Commission, should the Director consider the roof mounted facility to have a significant visual impact, (e.g., proximity to historical sites or significant views of historic sites) or otherwise be incompatible with the structure or surrounding area, or not meet the intent of these provisions. Applications for roof mounted facilities shall demonstrate that a wall mounted facility is inadequate to provide service.
3. Freestanding. Freestanding telecommunication facilities may be permitted as a conditional use, subject to a recommendation by the Planning Commission, after a public hearing, and approval by the City Council after a public hearing. Applications for

freestanding telecommunication facilities shall provide the information required in §5.2.31.J below and any other information required pursuant to this Section 5.2.37, and shall be reviewed for conformance to this Section and Code. All applications for freestanding telecommunication facilities shall demonstrate that a wall or roof mounted facility is inadequate to provide service.

4. Dish Antennas. Applications for dish antennas shall follow the §3.15 Site Plan review process and, as such, the Community Development Director may administratively approve a request for a dish antenna facility or refer the application to City Council for approval, after a recommendation by Planning Commission, should the Director consider the facility to have a significant visual impact, or otherwise be incompatible with the supporting structure or surrounding area, or not meet the intent of these provisions.
  5. Alternative Tower Structures. Applications for alternative tower structures shall follow the §3.15 Site Plan review process, and, as such, the Community Development Director may administratively approve a request for an alternative tower structure facility or refer the application to City Council for approval, after a recommendation by Planning Commission, should the Director consider the facility to have a significant visual impact, or otherwise be incompatible with the structure or surrounding area, or not meet the intent of these provisions.
- I. Radio Frequency Standards. All Applicants shall comply with federal standards for radio frequency emissions. At the request of the City upon complaint, but not more than annually, an Applicant shall submit a project implementation report which provides cumulative field measurements of radio frequency emissions of all antennas installed at the subject site, and which compares the results with established federal standards. If, upon review, the City finds that the facility does not meet federal standards, the City may require corrective action within a reasonable period of time, and if not corrected, may require removal of the telecommunication facility pursuant to §5.2.31.E. Any reasonable costs incurred by the City, including reasonable consulting costs to verify compliance with these requirements, shall be paid by the Applicant.
  - J. Signal Interference. All telecommunication facilities shall be designed and sited so as not to cause interference with the normal operation of radio, television, telephone and other telecommunication services utilized by adjacent residential and non-residential properties; nor shall any such facilities interfere with any public safety telecommunications. The Applicant shall provide a written statement from a qualified radio frequency engineer, certifying that a technical evaluation of existing and proposed facilities indicates no potential interference problems and shall allow the City to monitor interference levels with public safety communications during this process. Additionally, the Applicant shall notify the City at least ten calendar days prior to the introduction of new service or changes in existing service, and shall allow the City to monitor

interference levels with public safety communications during the testing process.

- K. Fees. In addition to any building permit fees and development application fees, the Applicant shall pay a non-refundable telecommunication facilities permit fee. The initial telecommunication facilities permit fee shall be in the amount of \$2,200.00 for a new freestanding telecommunication facility. Permit fees for telecommunication facilities requiring administrative approval shall be \$600.00.

These permit fees may be modified from time to time by City Council resolution. In addition, any reasonable costs incurred by the City, including reasonable costs to verify compliance with any requirements under this Section 5.2.31 shall be paid by the Applicant.

L. Standards for Approval.

1. Wall mounted. A building wall mounted telecommunication facility shall be evaluated for approval subject to the following criteria:
  - a. Such facilities shall be architecturally compatible with and colored to match the building or structure to which they are attached;
  - b. The maximum protrusion of such facilities from the building or structure face to which they are attached shall be 2 feet;
  - c. Modifications to the building penthouse, mechanical screening and other appurtenances may be approved by the Community Development Department to allow panel antennas for telecommunication facilities;
  - d. Wall mounted telecommunication facilities shall not extend above the roofline unless mounted to a penthouse.
  
2. Roof mounted. Such facilities shall be approved only where an Applicant demonstrates a wall mounted facility is inadequate to provide service and evaluated for approval based upon the following criteria:
  - a. Such facilities shall be architecturally compatible with and colored to match the building or structure to which they are attached.
  - b. Roof mounted telecommunication whip antennas shall extend no more than 12 feet above the parapet of any flat roof or ridge of a sloped roof or penthouse to which they are attached.
  - c. Roof mounted telecommunication panel antennas shall extend no more than 7 feet above the parapet of a flat roof or ridge of a sloped roof to which they are mounted.
  - d. Roof mounted telecommunication accessory equipment shall extend no more than 7 feet above any parapet of a flat roof upon which they may be placed, and shall not be permitted on a sloped roof.

3. Alternative Tower Structures. Such structures shall be architecturally compatible with the surrounding area.
  - a. Alternative towers shall be evaluated for approval based upon the following criteria:
    - i. Height or size of the proposed alternative tower structure;
    - ii. Proximity of the facility to residential structures and residential district boundaries;
    - iii. Nature of uses on adjacent and nearby properties and the compatibility of the facility to these uses;
    - iv. Compatibility with the surrounding topography;
    - v. Compatibility with the surrounding tree coverage and foliage;
    - vi. Compatibility of the design of the site, with particular reference to design characteristics that have the effect of reducing or eliminating visual obtrusiveness;
    - vii. Impact on the surrounding area of the proposed ingress and egress, if any;
    - viii. An evaluation of the Applicant's plans for development of its telecommunications facilities within the City in accordance with §5.2.31.C. above.
  - b. An alternative tower structure may also include utilization of a traffic signal, street light pole, or similar structure within a public right of way or freestanding structure within a commercial, office, or industrial area so long as such pole or structure is not more than ten feet higher (as measured from the ground to the top of the pole) than any existing utility or traffic signal within 500 feet of the pole or structure. Any such telecommunication pole shall in no case be higher than 40 feet, nor shall there be more than one telecommunication pole within 100 feet of another. An alternative tower structure under this subparagraph b. shall be evaluated for approval upon the criteria set forth in subparagraph a. above.
4. Dish Antennas. Dish antennas shall be evaluated for approval based upon the following criteria:
  - a. Height of the proposed structure or size and number of dish antennas at the site;
  - b. Proximity of the facility to residential structures and residential district boundaries;
  - c. Nature of uses on adjacent and nearby properties;
  - d. Compatibility with the surrounding topography;
  - e. Compatibility with the surrounding tree coverage and foliage;

- f. Design of the dish antenna site, with particular reference to design characteristics that have the effect of reducing or eliminating visual obtrusiveness;
- g. Proposed ingress and egress, if any;
- h. An evaluation of the Applicant's plans for development of its facilities within the City in accordance with §5.2.31.C above; and
- i. Availability of suitable existing sites and other structures.

5. Freestanding Telecommunications Facilities.

- a. Information Required. Each Applicant shall submit a scaled site plan and scaled elevation view and other supporting drawings, calculations, and other documentation, signed and sealed by appropriate qualified professionals, showing the location and dimension of all improvements, including information concerning topography, radio frequency coverage, tower height, setbacks, drives, parking, fencing, landscaping, adjacent uses, drainage, and other information deemed by the Community Development Director to be necessary to assess compliance with this section.
- b. Co-Location. Freestanding telecommunication facilities may be required to be designed and constructed to permit the facility to accommodate the attachment of at least 2 telecommunication providers on the same freestanding facility. No telecommunication facility owner or operator shall unfairly exclude a telecommunication competitor from using the same facility or location.
- c. Factors Considered in Granting Approval for Freestanding Telecommunication Facilities. The City shall consider the following factors in determining whether to issue a conditional use approval, although the City may waive or reduce the burden on the Applicant of one or more of these criteria if the City concludes that the goals of this section are better served thereby.
  - i. Height or size of the proposed tower;
  - ii. Proximity of the tower to residential structures and residential district boundaries;
  - iii. Nature of uses on adjacent and nearby properties;
  - iv. Compatibility with the surrounding topography;
  - v. Compatibility with the surrounding tree coverage and foliage;
  - vi. Design of the tower, with particular reference to design characteristics that have the effect of reducing or eliminating visual obtrusiveness;
  - vii. Proposed ingress and egress;
  - viii. An evaluation of the Applicant's plans for development of its telecommunications facilities

within the City in accordance with §5.2.31.C above;  
and

- ix. Availability of suitable existing freestanding telecommunication facilities and other structures.

d. Availability of Suitable Existing Freestanding Telecommunication Facilities or Other Structures. No new towers shall be permitted unless the Applicant demonstrates to the reasonable satisfaction of the City that no existing freestanding telecommunication facility or structure can accommodate the Applicant's needs. Evidence submitted to demonstrate that no existing tower or structure can accommodate the Applicant's proposed antenna may consist of the following:

- i. No existing telecommunication facilities or structures at a suitable height are located within the geographic area required to meet the Applicant's engineering requirements;
- ii. Existing freestanding telecommunication facilities or structures do not have sufficient structural strength to support Applicant's proposed antenna and related equipment;
- iii. The Applicant's proposed antenna would cause electromagnetic interference with the antennas on the existing towers or structures, or the antennas on the existing towers or structures would cause interference with the Applicant's proposed antenna;
- iv. The Applicant demonstrates that there are other limiting factors that render existing towers and structures unsuitable.

e. Setbacks and Separation. The following minimum setbacks and separation requirements shall apply to all towers and antennas for which a conditional use approval is required; provided, however, that the City may reduce standard setbacks and separation requirements if the goals of this section would be better served thereby. A freestanding telecommunication facility shall meet the greater of the following minimum setbacks from all property lines:

- i. The setback for a principal building within the applicable zoning;
- ii. Twenty-five percent of the facility height, including antennas; or
- iii. The facility height, including antennas, if the facility is in or adjacent to a residential district.
- iv. Towers over 90 feet in height shall not be located within one-quarter mile from any existing tower that is over 90 feet in height, unless the Applicant has

shown to the satisfaction of the City that there are no reasonably suitable alternative sites in the required geographic area which can meet the Applicant's needs.

- f. Standards. A freestanding telecommunication facility shall meet the following standards to minimize impacts:
  - i. Use existing land forms, vegetation, and structures to aid in screening the facility from view or blending in with the surrounding built and natural environment;
  - ii. Comply with all applicable landscape regulations;
  - iii. Accommodate co-location of facilities unless the City approves an alternative design;
  - iv. Design, materials, and colors of antennas, and their support structures, shall be compatible with the surrounding environment, and monopole support structures shall taper from the base to the tip; and
  - v. Shall not be artificially lighted, unless required by the FAA or other applicable authority or the facility is mounted on a light pole or other similar structure primarily used for lighting purposes. If lighting is required, the City may review the available lighting alternatives and approve the design that would cause the least impact on the surrounding area.
  
- g. Accessory Equipment. Accessory equipment for a freestanding telecommunication facility shall meet the following requirements:
  - i. The buildings, shelters, cabinets, and other accessory components shall be grouped as closely as technically possible;
  - ii. Total footprint coverage area of the Applicant's accessory equipment shall not exceed 350 square feet;
  - iii. No accessory equipment or accessory structure shall exceed 15 feet in height; and
  - iv. Design, materials and colors of all structures shall be compatible with structures and vegetation on the same parcel and adjacent parcels, and shall not reduce the parking requirements and landscaped area for other principal uses on the parcel.
  
- h. Security Fencing. Freestanding telecommunication facilities shall be enclosed by security fencing 6 feet in height and shall also be equipped with an appropriate anti-climbing device; provided, however, that the City may waive such requirements, if the goals of this section would be better served thereby.

- i. Landscaping. The following requirements shall govern the landscaping surrounding freestanding telecommunication facilities for which a conditional use approval is required; provided, however, that the City may waive such requirements if the goals of this section would be better served thereby.
    - i. Freestanding telecommunication facilities shall be landscaped with a buffer of plant materials that effectively screens the view of the accessory equipment from adjacent residential property. The standard buffer shall consist of the front, side, and rear landscaped setback on the perimeter of the site.
    - ii. In locations where the visual impact of the telecommunication facility would be minimal, the landscaping requirement may be reduced or waived altogether.
    - iii. Existing mature tree growth and natural landforms on the site shall be preserved to the maximum extent possible. In some cases, such as towers sited on large, wooded lots, natural growth around the perimeter may be sufficient to buffer.
  - j. Freestanding Telecommunication Facility Removal. Affidavits shall be required from the owner of the property and from the telecommunications Applicant acknowledging that each is responsible for the removal of a tower that is abandoned or is unused for a period of 6 months.
- M. Decision. Any decision to deny an application for a telecommunication facility shall be in writing and supported by substantial evidence in a written record.

## CITY OF ARVADA DEVELOPMENT APPLICATION

<p><b>NOTE: Please complete only those items related to your specific type of application. Indicate each type of application request filed. Attach additional information as necessary. Submit this application with all accompanying materials to:</b>                  ARVADA COMMUNITY DEVELOPMENT DEPARTMENT                  8101 Ralston Road                  Arvada, Colorado 80002-8101 Telephone: 720-898-7435</p>	<p><b>FILE #:</b></p>
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Applicant:	Address:	Phone:	Fax:
Property Owner:	Address:	Phone:	Fax:
Contact Person:	E-Mail Address:	Phone:	Fax:
Name of Project:		Location (Address):	
Existing Zoning:	Existing Land Use:	Proposed Zoning:	Proposed Land Use:
Proposed No. of Lots:	Proposed No. Dwellings:	Proposed Gross Building Sq. Ft.:	

Indicate type of application (s) submitted. Check all boxes that apply. Incomplete, partial or inaccurate applications may not be scheduled for review and/or may be grounds for denial of such request.

<input type="checkbox"/> <b>ANNEXATION/DISCONNECTION</b> a b c d e f g i j cc dd ee ll FEE: \$1,200	<input type="checkbox"/> <b>FINAL DEVELOPMENT PLAN</b> c f h i k l n o q s t u ff nn FEE: \$800 (minimum) x square root of acreage <input type="checkbox"/> <b>FINAL DEVELOPMENT PLAN AMEND.</b> Same as FDP, based on acreage subject to amend. (min. based on 1/2 total acreage of property in FDP)
<input type="checkbox"/> <b>CONCEPT PLAN</b> c ff kk gg FEE: \$500	<input type="checkbox"/> <b>FINAL SUBDIVISION PLAT/AMEND.</b> (Same as FDP Amend.) c f g h i j l n o r s t u FEE: \$500 plus \$150 x the square root of acreage of the property
<input type="checkbox"/> <b>REZONING</b> c d e ff gg kk FEE: \$1,000 FEE: \$800 (If submitted with annexation application)	<input type="checkbox"/> <b>HEIGHT EXCEPTION</b> c d n bb FEE \$600
<input type="checkbox"/> <b>PUD SKETCH PLAN</b> c z ff gg ii FEE: \$600	<input type="checkbox"/> <b>SITE PLAN REVIEW</b> c d f h i j l m n o s t u bb nn FEE: \$800 x square root of acreage of the property with minimum of \$800 <input type="checkbox"/> <b>SITE PLAN AMEND.</b> FEE: \$300
<input type="checkbox"/> <b>OUTLINE DEVELOPMENT PLAN/AMEND.</b> c d i m z aa ff gg FEE: \$1,000	<input type="checkbox"/> <b>MINOR SUBDIVISION PLAT</b> c f h i j l o p t u FEE: \$500 plus \$150 x the square root of acreage of the property
<input type="checkbox"/> <b>PRELIMINARY DEVELOPMENT PLAN</b> c e i j m n o v w x y ff gg FEE: \$700 x square root of the acreage of the property (\$700 minimum) <input type="checkbox"/> <b>PRELIMINARY DEVELOPMENT PLAN AMEND.</b> Same as PDP, based on acreage subject to amend. – minimum based on 1/2 total acreage of property in PDP.	<input type="checkbox"/> <b>REQUEST for VACATION</b> d e FEE: \$ 700 for access easement & r-o-w public hearing (s) \$ 200 for all other easements
<input type="checkbox"/> <b>PRELIMINARY SUBDIVISION PLAT</b> c e i j m n o w x y hh gg FEE: \$700 x square root of the acreage of the property (\$700 minimum) No fee if submitted with a PDP application.	<input type="checkbox"/> <b>CONDITIONAL USE PERMIT</b> c d f h i k l n o q r s t u z bb ff FEE: \$1000
<input type="checkbox"/> <b>MAJOR SUBDIVISION SKETCH PLAN</b> c z ff gg jj FEE: \$600	<input type="checkbox"/> <b>VESTED PROPERTY RIGHT REQUEST</b> FEE: \$1,000 Early vested right FEE: \$500 Statutory vested right
<input type="checkbox"/> <b>CERTIFICATE OF COMPLIANCE W/DESIGN GUIDELINES FOR OLDE TOWN</b> mm Referral to Design Review FEE: \$75 Expedited Review FEE: \$25	<input type="checkbox"/> <b>TELECOMMUNICATION PERMIT</b> bb ff nn oo pp FEE: \$2,200 New freestanding facility FEE: \$600 Administrative review only
<input type="checkbox"/> <b>COMPREHENSIVE PLAN AMEND.</b> If less than 5 acres FEE: \$500 If more than 5 acres FEE: \$1,000	

**Fee Paid:**

\_\_\_\_\_  
 Applicant Signature

\_\_\_\_\_  
 Date

## MATERIALS REQUIRED FOR SUBMITTAL

Note:

The Project Planner will advise the Applicant regarding the submittal requirements, including the quantity and content for each pre-packaged referral packet.

- a. North Jeffco Recreation District letter
- b. Statement of fire protection
- c. Statistical fact sheet
- d. Engineering legal description
- e. Adjacent property owners list
- f. Request for engineering review form
- g. Environmental Site Assessment/Audit
- h. Erosion control plan
- i. Water rights questionnaire
- j. Title commitment policy
- k. Private covenants
- l. Public improvement construction plan
- m. Traffic impact report/ traffic study
- n. Architectural elevations and guidelines
- o. Soils report/ geotechnical study
- p. Minor subdivision plat map
- q. Final development plan
- r. Final plat map
- s. Final landscape plan
- t. Final utility plan
- u. Final drainage report and plan
- v. Preliminary development plan map
- w. Preliminary landscape plan
- x. Preliminary drainage report and plan
- y. Preliminary utility plan
- z. Development overview letter
- aa. Outline development plan map
- bb. Site plan map
- cc. Annexation map
- dd. Petition for annexation
- ee. Annexation impact report
- ff. Project narrative
- gg. Grading intent
- hh. Preliminary plat
- ii. PUD character statement and sketch plan map
- jj. Major subdivision sketch plan map
- kk. Concept plan map
- ll. Vested rights waiver
- mm. Photometrics
- nn. Signal Interference Letter
- oo. Inventory of Existing Sites
- pp. Photosimulation of proposed facility

## NEW WAVE TECHNOLOGIES

*New Wave Technologies, 2400 Main Street, Any City, CO 80000  
Main Office (303) 555-5555, Main Fax (303) 555-5555*

City of Arvada  
8101 Ralston Road  
Arvada, CO 80001-8101

To Whom It May Concern:

As a Radio Frequency (RF) Manager for New Wave Technologies, representing Wire Less Communications for the Denver market, I attest to the following in regards to the proposed wireless communications site located at 1234 Elm Street in the City of Arvada:

1. The proposed Wire Less wireless telecommunication facility will comply with all current Federal communications Commission's (FCC) guidelines and specifically OET Bulletin 65 for cumulative measurements of radio frequency power densities and electromagnetic fields.
2. The proposed Wire Less wireless telecommunication facility will comply at all times with current FCC regulations prohibiting localized interference with reception of television and radio broadcasts.
3. The proposed Wire Less wireless telecommunication facility will not interfere with any public safety frequencies servicing the city and its residents. Specifically, said facility will not interfere with any municipal radio or wireless data communications equipment that is operating in the 800 Hz frequency band. All new Wave base station radios meet or exceed FCC regulations.
4. Immediately upon notification by the Arvada Police Department or any other bona fide Public Safety entity of interference with any public safety radio or wireless data communication equipment, New Wave shall cease operation at the above described site until such time as a fix or solution has been implemented so that operations can resume without interference.
5. The proposed Wire Less site will be operating at the following FCC licensed frequencies. Transmit: \_\_\_\_\_ MHz. Receive: \_\_\_\_\_ MHz. Additional details:
6. The Wire Less network will operate at an average output not exceeding \_\_\_\_\_ watts effective power. The maximum allowable power output as set by the FCC is \_\_\_\_\_ watts effective power.

Further, New Wave Technologies and Wire Less agree to comply with the zoning ordinance in regard to notification and monitoring procedures to ensure that no interference issues exist with local emergency equipment.

Sincerely,