

Application Guideline	Location in Application
(A) An Executive Summary on the first page of the application with the address, proposed height, and type of tower being proposed. A map show in the location of the proposed site should accompany the description;	I.B. Executive Summary, pages 2-3 Exhibit A, Site Plans
(B) A brief description of the proposed facility, including the proposed locations and heights of each of the various proposed sites of the facility, including all candidates referred to in the application;	I.B. Executive Summary, pages 2-3 V. Facility Design, pages 9-10 Exhibit A, Site Plans
(C) A statement of the purpose for which the application is made;	I.A. Authority and Purpose, page 1 IV.B Tower Sharing, page 9
(D) A statement describing the statutory authority for such application;	I.A. Authority and Purpose, page 1
(E) The exact legal name of each person seeking the authorization or relief and the address or principal place of business of each such person. If any applicant is a corporation, trust, or other organized group, it shall also give the state under the laws of which it was created or organized;	I.C. The Applicants, page 3
(F) The name, title, address, and telephone number of the attorney or other person to whom correspondence or communications in regard to the application are to be addressed. Notice, orders, and other papers may be served upon the person so named, and such service shall be deemed to be service upon the applicant;	I.C. The Applicants, page 3
(G) A statement of the need for the proposed facility with as much specific information as is practicable to demonstrate the need including a description of the proposed system and how the proposed facility would eliminate or alleviate any existing deficiency or limitation;	III.A. Statement of Need, pages 6-5 III.C. Technological Alternatives, pages 7-8 Exhibit F, Radio Frequency Coverage Plots from T-Mobile
(H) A statement of the benefits expected from the proposed facility with as much specific information as is practicable;	III.B. Statement of Benefits, pages 6-7
(I) A description of the proposed facility at the proposed prime and alternative sites including:	I.B. Executive Summary, pages 2-3 III.A. Statement of Need, pages 5-6 V. Facility Design, pages 9-10

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(1) Height of the tower and its associated antennas including a maximum "not to exceed height" for the facility, which may be higher than the height proposed by the Applicant; (2) Access roads and utility services; (3) Special design features; (4) Type, size, and number of transmitters and receivers, as well as the signal frequency and conservative worst-case and estimated operational level approximation of electro magnetic radiofrequency power density levels (facility using FCC Office of Engineering and Technology Bulletin 65, August 1997) at the base of the tower base, site compound boundary where persons are likely to be exposed to maximum power densities from the facility; (5) A map showing any fixed facilities with which the proposed facility would interact; (6) The coverage signal strength, and integration of the proposed facility with any adjacent fixed facility, to be accompanied by multi-colored propagation maps of red, green and yellow (exact colors may differ depending on computer modeling used, but a legend is required to explain each color used) showing interfaces with any adjacent service areas, including a map scale and north arrows; and (7) For cellular systems, a forecast of when maximum capability would be reached for the proposed facility and for facilities that would be integrated with the proposed facility.	VI.C. MPE Limits/Power Density Analysis, page 13 Exhibit N, Power Density Calculations Exhibit F, T-Mobile's Radio Frequency Coverage Plots Exhibit A, Site Plans
(J) A description of the named sites, including : (1) The most recent U.S.G.S. topographic quadrangle map (scale 1 inch = 2000 feet) marked to show the site of the facility and any significant changes within a one mile radius of the site; (2) A map (scale not less than 1 inch =	Exhibit A, Site Plans V. Facility Design, pages 9-10

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200 feet) of the lot or tract on which the facility is proposed to be located showing the showing the acreage and dimensions of such site, the name and location of adjoining public roads or the nearest public road, and the names of abutting owners and the portions of their lands abutting the site; (3) A site plan (scale not less than 1 inch = 40 feet) showing the proposed facility, fall zones, existing and proposed contour elevations, 100 year flood zones, waterways, and all associated equipment and structures on the site; (4) Where relevant, a terrain profile showing the proposed facility and access road with existing and proposed grades; and (5) The most recent aerial photograph (scale not less than 1 inch = 1000 feet) showing the proposed site, access roads, and all abutting properties.	
(K) A statement explaining mitigation measures for the proposed facility including: (1) Construction techniques designed to specifically minimize adverse effects on natural areas and sensitive areas; (2) Special design features made specifically to avoid or minimize adverse effects on natural areas and sensitive areas; (3) Establishment of vegetation proposed near residential, recreation, and scenic areas; and (4) Methods for preservation of vegetation for wildlife habitat and screening.	V. Facility Design, pages 9-10 III.C. Technological Alternatives, pages 7-8 (antenna requirements) Exhibit A, Site Plans (driveway design) Exhibit H, Narrative and Map of Rejected Sites
(L) A description of the existing and planned land uses of the named sites and surrounding areas;	VII.C. Planned and Existing Land Uses, page 17
(M) A description of the scenic, natural, historic, and recreational characteristics of the named sites and surrounding areas including officially designated nearby	Exhibit J, Visual Resource Evaluation Report.

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hiking trails and scenic roads;	
(N) Sight line graphs to the named sites from visually impacted areas such as residential developments, recreational areas, and historic sites;	Exhibit J, Visual Resource Evaluation Report. Applicants respectfully request a waiver from the sight line graphs requested in the Council's guidelines given the extensive and comprehensive visual analysis, including viewshed maps and photosimulations from such visual receptors as included in Exhibit J.
(O) A list describing the type and height of all existing and proposed towers and facilities within a four mile radius within the site search area, or within any other area from which use of the proposed towers might be feasible from a location standpoint for purposes of the application;	Exhibit G
(P) A description of efforts to share existing towers, or consolidate telecommunications antennas of public and private services onto the proposed facility including efforts to offer tower space, where feasible, at no charge for space for municipal antennas;	IV. Site Selection and Tower Sharing, pages 8-9
(Q) A description of the technological alternatives and a statement containing justification for the proposed facility;	III.C. Technological Alternatives, pages 7-8
(R) A description of rejected sites with a U.S.G.S. topographic quadrangle map (scale 1 inch= 2,000 feet) marked to show the location of rejected sites;	IV. Site Selection and Tower Sharing, pages 8-9 Exhibit H, Site Selection and Rejected Sites
(S) A detailed description and justification for the site(s) selected, including a description of siting criteria and the narrowing process by which other possible sites were considered and eliminated, including, but not limited to, environmental effects, cost differential, coverage lost or gained, potential interference with other facilities, and signal loss due to geographical features compared to the proposed site(s);	IV. Site Selection and Tower Sharing, pages 8-9 Exhibit G, Surrounding Site Information Exhibit H, Site Selection and Rejected Sites
(T) A statement describing hazards to human health, if any, with such supporting data and references to regulatory	VI.C. MPE Limits/Power Density Analysis, page 13 Exhibit N, Power Density Analysis

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standards;	Bulk Filing
(U) A statement of estimated costs for site acquisition, construction, and equipment for a facility at the various proposed sites of the facility, including all candidates referred to in the application;	IX.A. Overall Estimated Cost, page 20
(V) A schedule showing the proposed program of site acquisition, construction, completion, operation and relocation or removal of existing facilities for the named sites;	IX.B . Overall Scheduling, page 20
(W) A statement indicating that, weather permitting, the applicant will raise a balloon with a diameter of at least three feet, at the sites of the various proposed sites of the facility, including all candidates referred to in the application, on the day of the Council's first hearing session on the application or at a time otherwise specified by the Council. For the convenience of the public, this event shall be publicly noticed at least 30 days prior to the hearing on the application as scheduled by the Council; and	VI.A. Visual Assessment, pages 11-13
(X) Such information as any department or agency of the state exercising environmental controls may, by regulation, require including: 1. A listing of any federal, State, regional, district, and municipal agencies, including but not limited to the Federal Aviation	VI.B., page 13 VI.C., pages 13-14 VI.D., pages 14-15 VII., pages 15-18 VIII., pages 18-20
Administration; Federal Communications Commission; State Historic Preservation Officer; State Department of Environmental Protection; and local conservation, inland wetland, and planning and zoning commissions with which reviews were conducted concerning the facility, including a copy of any agency position or decision with respect to the facility; and 2. The most recent conservation, inland wetland, zoning, and plan of	Exhibit M Exhibit N Exhibit O Bulk Filing VII. Consistency with the Town of Groton's Land Use Regulations, pages 15-16

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development documents of the municipality, including a description of the zoning classification of the site and surrounding areas, and a narrative summary of the consistency of the project with the Town's regulations and plans.	
(Y) Description of proposed site clearing for access road and compound including type of vegetation scheduled for removal and quantity of trees greater than six inches diameter at breast height and involvement with wetlands;	Exhibit A
(Z) Such information as the applicant may consider relevant.	