

**REVISIONS TO DRAFT ANTENNA SIZES**

**Replacing in ZTA**

Goal is to eliminate references to specific technologies (directional vs multicast) and shapes (panel, whip, box) and use size restriction instead

- Current i. omni-directional (whip) antennas with a maximum height of 15 feet and a maximum diameter of 3 inches;
- Current ii. directional or panel antennas and any enclosure with a maximum height of 9 feet and a combined maximum total volume of 9 cubic feet;
- June 2017 iii. box-shaped antennas and any enclosure with a combined maximum height on any side of 4 feet and a maximum total volume of 46 cubic feet;
- June 2017 iv. small antennas enclosed in a canister with a combined maximum height of 4 feet and a maximum total volume of 15 cubic feet;
- June 2017 v. small antennas enclosed in a panel with a combined maximum height of 2.5 feet and a maximum total volume of 2.5 cubic feet; and
- Separate vi. satellite or microwave dish antennas with a maximum diameter of 8 feet

**OCTOBER 23 2017 SUGGESTED REVISIONS**

Category			Allowable installations								Sample Type	Sample Dimensions
Category	Maximum Length on Any Side (in feet)	Maximum Volume (in cubic feet)	Any Zone			Res Detached, Rural Res, PUD		Res MDU, C/R, Emplmnt, or Ind				
			Tower or Watertanks	In ROW, utility or Streetlight Pole	On any structure	Bldg rooftop	Bldg façade if screened or painted	On a bldg rooftop	On a building façade if screened or painted			
				Parking Lot Light	20 ft from dwelling	Bldg Ht 35 ft or greater		Bldg Ht 20 ft or greater	Bldg Ht 20 ft or greater			
<b>A</b>	4 feet	6 cubic feet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Antenna in 4' canister	50"x15.1"x7.55"=5.18 cu ft
<b>B</b>	4 feet	46 cubic feet	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Box 4' antenna	39"x43"x47"=45.61 cu ft
<b>C</b>	6 feet	30 cubic feet	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (30' up on bldg)	Box 6' antenna	71.6"x24"x25"=24.86 cu ft
<b>D</b>	9 feet	13 cubic feet	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (30' up on bldg)	9' antenna (panel or cylinder)	8.76'x20"x6.9"=8.4 cu f 8'x25.2"x9.3"=13.02 cu ft 9'x1.25' dia=11.04 cu ft
<b>E</b>	15 feet	1 cubic foot	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (30' up on bldg)	Thin Whip 15' antenna	15'x3"dia=.74 cu ft

(Satellite dishes are dealt with separately and do not need to be on this list)