

**CITY OF SAINT LOUIS
DEPARTMENT OF PUBLIC SAFETY
BUILDING DIVISION
GUIDELINES FOR
DRAWING RESIDENTIAL MICROWAVE OR DISH ANTENNA PLANS**

The following form was prepared by the Building Division to be used only as a general guideline for the drawing of construction plans which are required to be submitted at the time of application for a building permit.

To make application for a building permit, the applicant shall submit five (5) sets of detailed construction plans drawn to scale on minimum 8 1/2" x 11" sheets of each of the following to the Building Division - Permit Section, Room 425, City Hall, between 8:00 a.m. and 4:30 p.m. Monday through Friday. The office is closed on all City holidays. One (1) set of photographs is required when: 1) located in a Historic District; 2) located within 300 feet of a park; 3) located within 300 feet of a Historic District or a landmark.

1. Site Plan
2. Ground-Mounted Dish
3. Roof-Mounted Dish
4. Additional Details (if necessary)

The following are lists of the items that should be shown on each of the above plans: The illustrations are guides for plan preparation only to give you a basic idea what each type of plan should look like and are not necessarily specific Code and other Ordinance requirements. Each individual site location, the location of the building on the site and/or size of building might vary as requirements of the St. Louis Zoning Ordinance, the Building Code, and other ordinances dictate, and each will have to be reviewed on its own specific conditions after submittal.

1.0 SITE PLAN

- 1.1 Indicate size and shape of your lot
- 1.2 Indicate address and street (or streets if a corner lot)
- 1.3 Indicate alley location
- 1.4 Indicate size and location of existing house and other buildings
- 1.5 Indicate size and location of proposed microwave or dish antenna
- 1.6 Indicate distance between the proposed microwave dish antenna and each of the property lines

2.0 GROUND-MOUNTED DISH

- 2.1 Indicate size of slab and footings
- 2.2 Indicate size and type of structural members and connections (submit engineering data to support size of members to withstand wind loading as prescribed by code)
- 2.3 Indicate location and type of electrical and/or coaxial connection
- 2.4 Provide elevations of structure

3.0 ROOF-MOUNTED DISH

- 3.1 Indicate size, shape and slope of the roof
- 3.2 Indicate size and type of structural members and connections (submit engineering data to support size of members to withstand wind loading as prescribed by code)
- 3.3 Indicate location and type of electrical an/or coaxial connection
- 3.4 Indicate or provide elevations of the structure including dish with accurate dimensions from grade
- 3.5 Provide structural analysis, sealed, signed and dated by a Missouri registered engineer, of the existing roof structure
- 3.6 Provide framing details of any additional structural members required for the roof system

4.0 ADDITIONAL DETAILS

- 4.1 Indicate whatever information is necessary to show how your proposal will be constructed.

For additional information, contact Permit Section at (314) 622-3313.

GENERAL MICROWAVE OR DISH ANTENNA NOTES

Freestanding: Considered an accessory structure if dish is six (6) feet in diameter or larger

Mounted on Building: Part of the structure if the dish is two (2) feet in diameter or larger

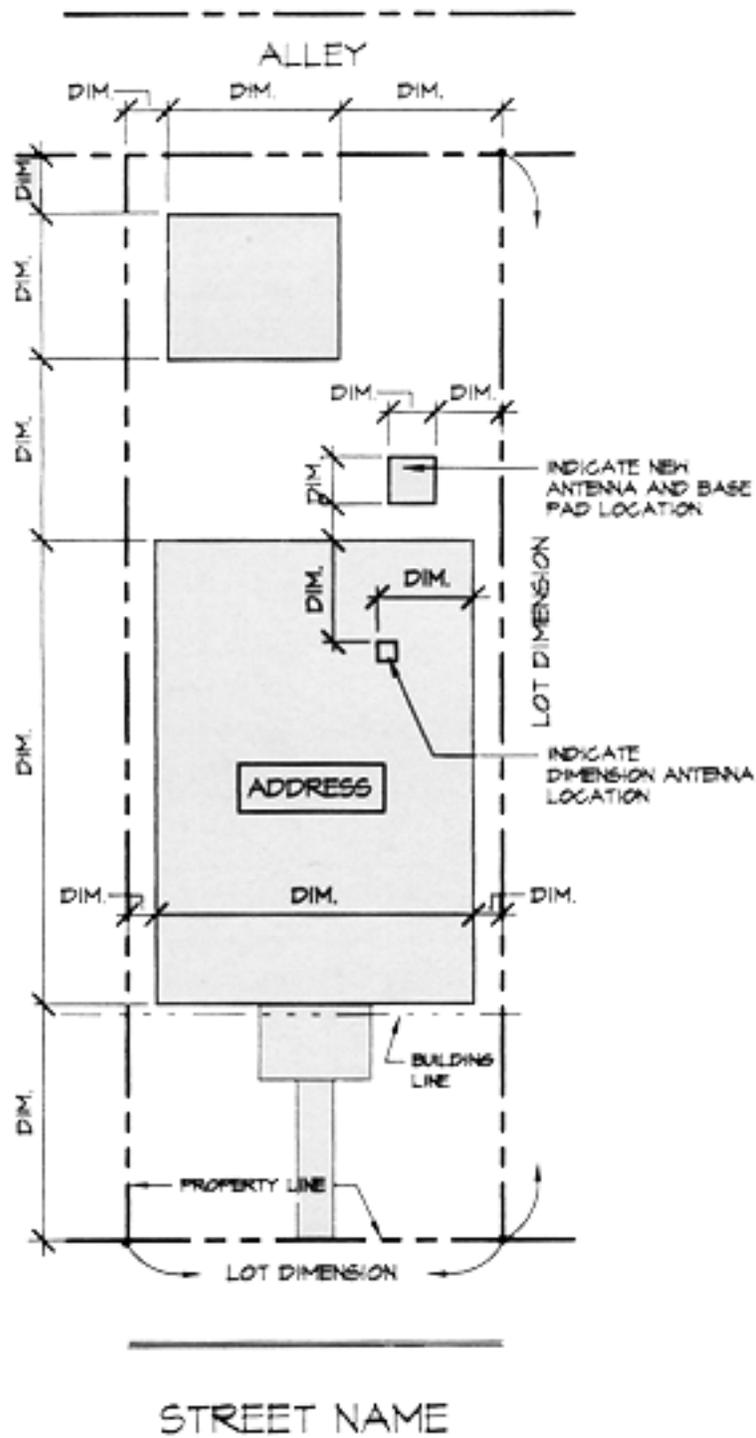
As an accessory structure, as determined by the Zoning Section, it must be located not less than sixty (60) feet from the front line, not less than four (4) feet from any side lot line, not to exceed twelve (12) feet in height nor occupy more than thirty (30) percent of a rear yard. When the dish is roof-mounted, it must conform to the height regulations of the appropriate Zoning District. It must be noted that in these cases, the height is the actual distance above grade without the averaging factor for roofs.

Building and electrical permits are required for all dish antenna structures more than two (2) feet in diameter which are roof or ground mounted or attached to any building or structure. A building permit is not required for any dish antennae not more than (2) feet in diameter erected and maintained on the roof of any building, or erected on the ground not in front of the building line.

In Zoning Districts A through H, no form of advertising or identification is allowed on the dish or framework other than normal manufacturers plates or stamps.

To determine height, measure the distance from the ground to the center pivot point plus one-half (1/2) the diameter of the dish.

Effective Date
January 1, 2001



SITE PLAN

DENOTE SCALE

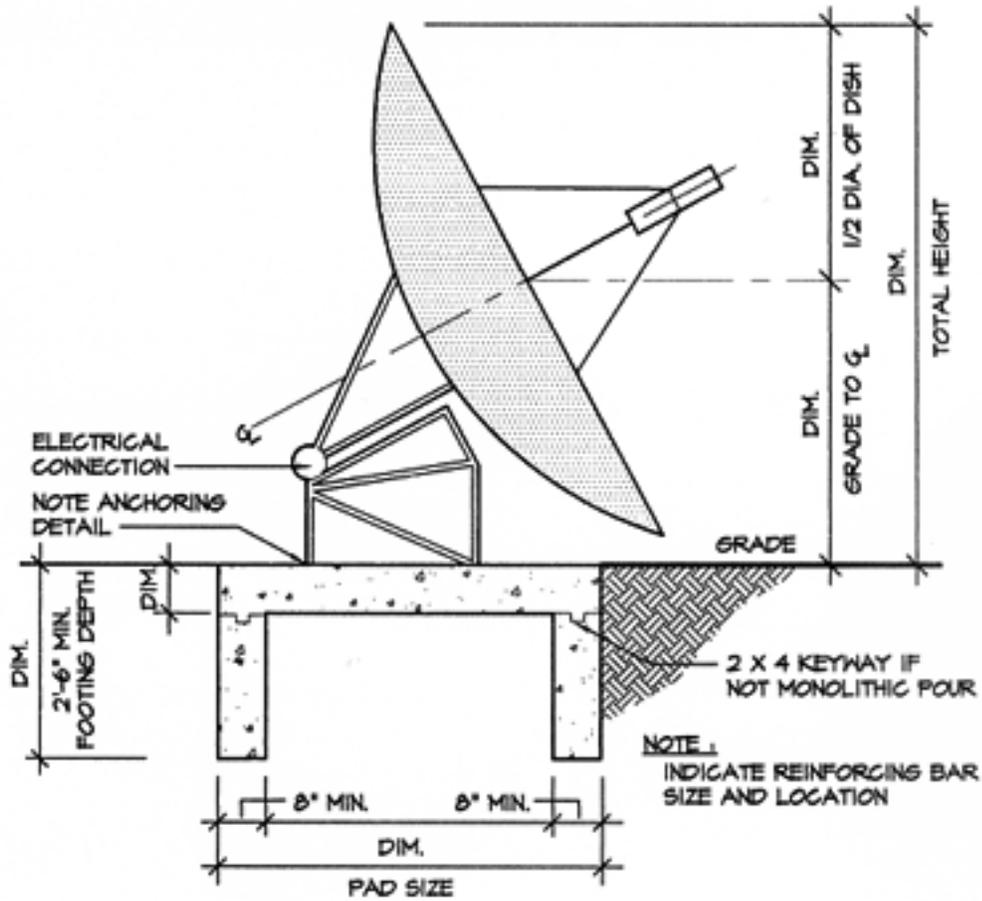
MDSITE

NORTH



(INDICATE ORIENTATION)

City of Saint Louis - Building Division RESIDENTIAL SATELLITE DISH Guidelines and Standard Construction Details	Date: Jan., 2001
	Drawing No. 1 of 2



DISH DIAGRAM

3/8" = 1'-0"

MDDTL

City of Saint Louis - Building Division
RESIDENTIAL SATELLITE DISH
 Guidelines and Standard Construction Details

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Drawing No.

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