

ORDINANCE NUMBER O- 17620

ADOPTED ON MAR 18 1991

AN ORDINANCE AMENDING CHAPTER X, ARTICLE 1, DIVISION 20, OF THE SAN DIEGO MUNICIPAL CODE BY AMENDING THE TITLE OF DIVISION 20 TO READ "RECYCLING FACILITIES AND STORAGE STANDARDS," BY RENUMBERING AND AMENDING SECTION 101.2001 TO 101.2002, AND BY ADDING A NEW SECTION 101.2001; AMENDING CHAPTER X, ARTICLE 1, DIVISION 4, BY AMENDING SECTION 101.0423 BY DELETING SUBSECTION F.2.b.; AMENDING SECTION 101.0426.1 BY DELETING SUBSECTION D.2. AND RELETTERING SUBSECTION D.3. TO READ SUBSECTION D.2.; AMENDING SECTION 101.0427 BY DELETING SUBSECTION G.2. AND RENUMBERING SUBSECTIONS G.3. THROUGH G.5. TO READ SUBSECTIONS G.2. THROUGH G.4.; AMENDING SECTION 101.0428 BY DELETING SUBSECTION F.2.b.; AMENDING SECTION 101.0430 BY DELETING SUBSECTION F.2.c.; AMENDING CHAPTER X, ARTICLE 3, DIVISIONS 2, 5, 7, 14, 15, 17 AND 21, BY AMENDING SECTION 103.0211 BY DELETING SUBSECTION E. AND REPEALING SECTIONS 103.0526.14 AND 103.0528.12; AMENDING SECTION 103.0713 BY DELETING SUBSECTIONS F. AND G. AND RELETTERING SUBSECTIONS H. THROUGH M. TO READ SUBSECTIONS F. THROUGH K.; AMENDING SECTION 103.1419 BY DELETING SUBSECTION B. AND RELETTERING SUBSECTION C. TO READ SUBSECTION B.; BY AMENDING SECTION 103.1511 BY DELETING SUBSECTION H. AND RELETTERING SUBSECTIONS I. THROUGH O. TO READ SUBSECTIONS H. THROUGH N.; AMENDING SECTION 103.1706 BY DELETING SUBSECTION L.5. AND RENUMBERING SUBSECTIONS L.6. THROUGH L.9. TO READ SUBSECTIONS L.5. THROUGH L.8.; AMENDING SECTION 103.1707 BY DELETING SUBSECTION I. AND RELETTERING SUBSECTIONS J. THROUGH N. TO READ SUBSECTIONS I. THROUGH M.; AMENDING SECTION 103.1708 BY DELETING SUBSECTION I. AND RELETTERING SUBSECTIONS J. THROUGH P. TO READ SUBSECTIONS I. THROUGH O.; AMENDING SECTION 103.2108 BY DELETING SUBSECTION K. AND RELETTERING SUBSECTIONS L. AND M. TO READ SUBSECTIONS K. AND L.; AND AMENDING SECTION 103.2109 BY DELETING SUBSECTION K. AND RELETTERING SUBSECTIONS L. THROUGH N. TO READ SUBSECTIONS K. THROUGH M.; ALL RELATING TO RECYCLING FACILITIES AND STORAGE STANDARDS.

BE IT ORDAINED, by the Council of The City of San Diego, as follows:

Section 1. That Chapter X, Article 1, Division 20, of the San Diego Municipal Code be and the same is hereby amended by amending the title of Division 20 to read as follows:

DIVISION 20

RECYCLING FACILITIES AND STORAGE STANDARDS

Section 2. That Chapter X, Article 1, Division 20, of the San Diego Municipal Code be and the same is hereby amended by renumbering Section 101.2001 to 101.2002 and amending said section to read as follows:

SEC. 101.2002 RECYCLING FACILITIES FOR COMMERCIAL AND INDUSTRIAL ZONES

A. [No change.]

B. DEFINITIONS

Throughout this section the following definitions shall apply:

1. and 2. [No change.]

C. through F. [No change.]

Section 3. That Chapter X, Article 1, Division 20, of the San Diego Municipal Code be and the same is hereby amended by adding Section 101.2001 to read as follows:

SEC. 101.2001 CITYWIDE STORAGE STANDARDS FOR TRASH AND RECYCLABLE MATERIALS

A. PURPOSE AND INTENT

The intent of this section is to establish Citywide storage standards for trash and recyclables to enable citizens to more efficiently recycle the solid waste they generate, to decrease the amount of solid waste entering Miramar Landfill thereby extending its life, and to assist in meeting the recycling goals

established by the City Council, and mandated by the State. Space allocation for the storage of recyclable materials will enable sufficient quantities of materials to be accumulated so that source separation, collection, and diversion of recyclable waste materials is more efficient.

This section identifies specific standards, applicable Citywide to both ministerial and discretionary projects, for the location and size of storage areas for recyclable material and solid waste. The purpose of these standards is to ensure the provision of permanent, adequate and convenient space for the storage and collection of trash and recyclable material in new construction in the City of San Diego.

B. DEFINITIONS

Throughout this section the following definitions shall apply: "Recyclable material," also called "recyclables," is reusable material including but not limited to metals, glass, plastic and paper, which are intended for reuse, remanufacture, or reconstitution for the purpose of using the altered form. Recyclable material does not include refuse or hazardous waste or hazardous waste materials. "Trash" is the remaining solid waste.

C. ADMINISTRATION

1. Ministerial Permits - The Building Inspection Department shall not issue any ministerial permit for new construction unless it

complies with this section. The applicant must provide a complete set of plans illustrating compliance with the regulations provided herein.

2. Discretionary Permits - The Planning Director or designee shall not issue any discretionary permit for new construction unless it complies with this section. The applicant must provide a complete set of plans illustrating compliance with the regulations provided herein.

D. RESIDENTIAL PROJECTS

Multiple-family residential projects within all zones and planned districts of the City of San Diego shall provide trash and recycling storage areas as hereinafter specified:

1. Internal Trash and Recyclable Material Storage Requirements. Each dwelling unit shall include an area with a minimum of five (5) cubic feet designed for the internal storage of trash and recyclable material. A minimum of two and one-half (2 1/2) cubic feet shall be provided for the storage of trash and a minimum of two and one-half (2 1/2) cubic feet for the storage of recyclable material.

2. Exterior Trash and Recyclable Material Storage Requirements.

~~THE FOLLOWING~~ are minimum exterior trash and recycling storage area requirements. ~~These~~ requirements apply per building/structure.

TABLE I OF SECTION 101.2001

Dwelling Units	Trash	Recyclables	Total Area
2 - 6	12 sq. ft.	12 sq. ft.	24 sq. ft.
7 - 15	24 sq. ft.	24 sq. ft.	48 sq. ft.
16 - 25	48 sq. ft.	48 sq. ft.	96 sq. ft.
26 - 50	96 sq. ft.	96 sq. ft.	192 sq. ft.
51 - 75	144 sq. ft.	144 sq. ft.	288 sq. ft.
76 - 100	192 sq. ft.	192 sq. ft.	384 sq. ft.
101 - 125	240 sq. ft.	240 sq. ft.	480 sq. ft.
126 - 150	288 sq. ft.	288 sq. ft.	576 sq. ft.
151 - 175	336 sq. ft.	336 sq. ft.	672 sq. ft.
176 - 200	384 sq. ft.	384 sq. ft.	768 sq. ft.
201 +	Every additional 25 dwelling units shall require an additional 48 sq. ft. for trash and 48 sq. ft. for recyclables		

Dimensions of the storage area shall accommodate containers consistent with current methods of collection. The exterior trash and recycling storage area may be located on the outside or the exterior of a structure, or in a designated interior area with access, excluding dwelling units or in rear yards and interior side yards. Exterior storage area shall not be located in any required front yard, street side yard, street yard area, any required parking or landscaped areas, or any other area required by the Municipal Code to be constructed or maintained

unencumbered according to fire and other applicable building and public safety laws. The storage area shall be accessible to residents and haulers. If the exterior storage area is located outside or on the exterior of any structure/building, the storage area for two to six (2 - 6) dwelling units shall be screened with a minimum four-foot-high solid enclosure, and projects of seven (7) or more dwelling units shall be screened with a minimum six-foot-high solid enclosure. In all cases where a lot or premises is served by an alley, all exterior storage areas shall be directly accessible to such alley. One sign identifying each exterior trash and recycling storage area is required. Each sign shall not exceed one-square-foot and shall be posted on the exterior of the storage area adjacent to the access point.

E. NON-RESIDENTIAL USES AND PROJECTS

Nonresidential uses and projects within all zones and planned districts of the City of San Diego shall provide exterior trash and recyclable material storage areas as hereinafter specified. The following are minimum exterior trash and recycling storage area requirements. These requirements apply per building/structure.

TABLE II OF SECTION 101.2001

Bldg. Size (sq. ft.)	Trash	Recyclables	Total Area
0 - 5,000	12 sq. ft.	12 sq. ft.	24 sq. ft.
5,000 - 10,000	24 sq. ft.	24 sq. ft.	48 sq. ft.
10,001 - 25,000	48 sq. ft.	48 sq. ft.	96 sq. ft.
25,001 - 50,000	96 sq. ft.	96 sq. ft.	192 sq. ft.
50,001 - 75,000	144 sq. ft.	144 sq. ft.	²²⁸ 244 sq. ft.
75,001 - 100,000	192 sq. ft.	192 sq. ft.	384 sq. ft.
100,001 +	Every additional 25,000 sq. ft. shall require an additional 48 sq. ft. for trash and 48 sq. ft. for recyclables		

Dimensions of the storage area shall accommodate containers consistent with current methods of collection. The exterior trash and recycling storage area may be located on the outside or the exterior of a structure/building, or in a designated interior area with access or in rear yards and interior side yards. The exterior storage area shall not be located in any required front yard, street side yard, street yard area, any required parking or landscaped areas, or any other area required by the Municipal Code. The storage area shall be accessible to all occupants and haulers. In all cases where a lot or premises is served by an alley, all exterior storage areas shall be directly accessible to such alley. If the exterior storage area is located outside or on the exterior of any structure it shall be screened with a minimum six-foot-high solid enclosure. One sign identifying each exterior trash and recycling storage area is required. Each sign

shall not exceed one-square-foot and shall be posted on the exterior of the storage area adjacent to the access point.

Section 4. That Chapter X, Article 1, Division 4, of the San Diego Municipal Code be and the same is hereby amended as follows:

A. That Section 101.0423 be amended by deleting subsection F.2.b.

B. That Section 101.0426.1 be amended by deleting subsection D.2. and renumbering subsection D.3. to read subsection D.2.

C. That Section 101.0427 be amended by deleting subsection G.2. and renumbering subsections G.3. through G.5. to read subsections G.2. through G.4.

D. That Section 101.0428 be amended by deleting subsection F.2.b.

E. That Section 101.0430 be amended by deleting subsection F.2.c.

Section 5. That Chapter X, Article 1, Divisions 2, 5, 7, 14, 15, 17 and 21, of the San Diego Municipal Code be and the same are hereby amended as follows:

A. That Section 103.0211 be amended by deleting subsection E.

B. That Division 5 be amended by repealing Sections 103.0526.14 and 103.0528.12.

C. That Section 103.0713 be amended by deleting subsections F. and G. and relettering subsections H. through M. to read subsections F. through K.

D. That Section 103.1419 be amended by deleting subsection B. and relettering subsection C. to read subsection B.

E. That Section 103.1511 be amended by deleting subsection H. and relettering subsections I. through O. to read subsection H. through N.

F. That Section 103.1706 be amended by deleting subsection L.5. and renumbering subsections L.6. through L.9. to read subsections L.5. through L.8.

G. That Section 103.1707 be amended by deleting subsection I. and relettering subsections J. through N. to read subsections I. through M.

H. That Section 103.1708 be amended by deleting subsection I. and relettering subsections J. through P. to read subsections I. through O.

I. That Section 103.2108 be amended by deleting subsection K. and relettering subsections L. through M. to read subsections K. through L.

J. That Section 103.2109 be amended by deleting subsection K. and relettering subsections L. through N. to read subsections K. through M.

Section 6. This ordinance shall take effect and be in force on the thirtieth day from and after its passage, however, the provisions of this ordinance shall not be applicable within the Coastal Zone until the thirtieth day following the date the California Coastal Commission unconditionally certifies this ordinance as a local coastal program amendment. If this ordinance is not certified, or is certified with suggested modifications by the California Coastal Commission, the

provisions of this ordinance shall be null and void within the Coastal Zone.

Section 7. In areas of the City of San Diego other than the Coastal Zone no permits for development inconsistent with the provisions of this ordinance shall be issued unless application therefore was made prior to the date of adoption of this ordinance.

Section 8. Within the Coastal Zone no permits for development inconsistent with the provisions of this ordinance shall be issued unless application therefore was made prior to the date the California Coastal Commission unconditionally certified this ordinance as a local coastal program amendment.

APPROVED: JOHN W. WITT, City Attorney

By Frederick C. Conrad
Frederick C. Conrad
Chief Deputy City Attorney

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Or.Dept:Plan.
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SPACE ALLOCATION STANDARDS
FOR
MULTI-UNIT RESIDENTIAL COMPLEXES

ASSUMPTIONS

1. A survey found that complexes with six or less dwelling units have trash collected by City forces on a weekly basis.

Complexes receiving City trash collection are also eligible for curbside recycling services provided by the City.

2. Complexes with seven or more dwelling units usually have trash collected by private haulers. It is assumed that these complexes are also serviced on a weekly basis.

3. The citywide average multi-unit household size is 2 persons.

4. Based on national and local figures the average multi-unit occupant generates 2.5 lbs. of uncompactd trash (including recyclables) per day. Therefore, the average multi-unit household generates:

2.5 lbs. (daily trash) x 2 (avg. household size) = 5 lbs.
of trash per unit per day.

5 lbs. per day x 7 days = 35 lbs. of trash and
recyclables generated weekly per dwelling unit.

Interior Storage Requirements

Based on San Diego waste composition data and the State mandate of diverting 50% of the waste stream by the year 2000, the trash to recyclables ratio is set at 1:1 (50% trash and 50% recyclables).

Space Allocation Formula:

Approximately 1.4 cubic feet per day is required to store the 5 lbs. of trash and recyclables generated at each unit per day. Assuming that the trash and recyclables are removed from the unit every 3 to 4 days, a total of 5 cubic feet is designated to store the materials.

At a 1:1 ratio, 2.5 cubic feet is designated for the storage of recyclables and 2.5 cubic feet is designated for the storage of trash.

Exterior Storage Requirements

To ensure that sufficient area is provided on site to accommodate a standard 3-cubic-yard bin, minimum dimensions for storage areas are 48 square feet with one dimension no less than 8 feet in length.

Space Allocation Formula:

450 lbs. of uncompacted waste = 3 cubic yards. The factor for determining the number of 3-cubic-yard bins (or equivalent storage area) is calculated by the following equation:

35 lbs. of waste generated per week per unit divided by 450 lbs. = 0.077 (rounded up = 0.08). This factor is used to determine the number of bins needed at a given complex by multiplying the factor by the number of units.

To determine the allocation of space for recyclables and trash from the total number of bins, multiply by 50% (based on the 1:1 trash to recyclables ratio).

For example: 25 units x 0.08 = 2, 3-cubic-yard bins.
(one for trash and one for recyclables)

The table provided in the ordinance established ranges based on the highest whole number of bins needed for each increment in a given range.

**ATTACHMENT 2
SPACE ALLOCATION
STANDARDS & ASSUMPTIONS**

**ASSUMPTIONS
NON-RESIDENTIAL USES**

1. Based on national waste generation studies, the average weekly waste generation rate by square foot for non-residential uses = 0.07 pounds.
2. Based on San Diego waste composition data and the State mandate of diverting 50% of the waste stream by the year 2000, the trash to recyclables ratio is set at 1:1 (50% trash and 50% recyclables).

Space Allocation Formula:

450 lbs. of uncompacted waste = 3 cubic yards. The factor for determining the number of 3-cubic-yard bins (or equivalent storage are) is calculated by the following equation:

Square footage x 0.07 divided by 450 = the number of 3-cubic-yard bins required for waste (for weekly collection). If the standard is based on semi-weekly collection, divide by 2.

To determine the allocation of space for recyclables and trash from the total number of bins, multiply by 50% (based on the 1:1 trash to recyclables ratio).

For example: 25,000 square feet x 0.07 = 1,750 lbs. per week divided by 450 pounds per 3-cubic-yard bin = 4 bins (two for trash and two for recyclables), based on weekly collection. Therefore, total space allocation area = 4 bins x 48 square feet (the area needed to accommodate a standard 3-cubic-yard bin) = 192 square feet.

If the standard is based on semi-weekly collection, divide the number of bins by 2. In this case, 2 bins would then be required, one for trash and one for recyclables, for a total of 96 square feet.

**ATTACHMENT 2
SPACE ALLOCATION
STANDARDS & ALLOCATION**