

Appendix

Appendix L Solid Waste Management Plan

Appendix

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Solid Waste Management Plan

THE RENAISSANCE

1122 Anaheim Boulevard

Prepared for:

City of Anaheim
Department of Public
Works Streets and
Sanitation 200 S.
Anaheim Boulevard
Anaheim, CA 92805
Phone (714) 765-6836

Prepared by:



Hunsaker & Associates Irvine, Inc.
3 Hughes
Irvine, CA 92618
Contact: Ted D.
Fratton (949) 768-2541
tfrattone@hunsaker.com

Submittal Date: December 20, 2019

W.O. 4260-3

Solid Waste Management Plan The Renaissance Apartments

Development Case No. 2019-00087

December 20, 2019

Amendment to Solid Waste Management Plan Exhibit

An updated Solid Waste Management Plan Exhibit dated December 20, 2019 has been incorporated into the SWMP report. The site plan was revised to address and provide ADA access near the trash staging area in the EVA lane. The trash truck collection route has not been affected by the revision.

Project Description

The proposed The Renaissance Apartments project consists of four residential levels encasing a 6-level parking structure providing a total of 269 attached residential units. The units mix will consist of 49 – studio units, 117 - 1-bedroom units and 103 - 2-bedroom units. The building has been designed to front on Anaheim Boulevard to create an attractive street scene with a large lobby at the main building entry and front-yard patios to activate the parkway. The building also provides several courtyard areas to break up the structure's massing and allow for social interactions, active and passive recreation and attractive views from the residential units.

Vehicular access to the site and parking garage will be provided off of Anaheim Boulevard near the property's northwest corner. The entry drive will bring residents and visitors to the parking structure at the northern edge of the building, which will accommodate all of the project's parking. Beyond the parking structure's entry will be a gated fire access route to provide emergency access to the building along the entire north and east building edges. The north fire access drive will also provide the project's move-in and trash collection area, out of the way of the regular vehicular access route. Pedestrian circulation is also a vital component of the project's site design, with walkways being provided throughout the project along all four sides of the building connecting units to amenity areas and to Anaheim Boulevard.

Bin Storage

The proposed development will utilize two dumpster (bin) enclosures located within the parking garage area. The enclosure located at the west side of the parking garage will contain 8 bins, while the enclosure located at the east side of the parking garage will contain 9 bins, for a total of 17 bins. Trash storage rooms will be conveniently located throughout the site to ensure all units are within 150 feet of trash disposal locations. The apartment's management team will be responsible for moving trash from the storage rooms to the dumpster enclosures for disposal. In addition to the trash storage rooms, two trash shoot locations will also be provided, for the residents and maintenance staff's use.

Collection

Bins will be transported from the trash enclosures in the garage via scout trucks and placed for

collection at the trash staging area along the emergency access drive. Trash trucks will be able to activate the controlled access gate to reach the trash staging area in order to collect the bins. Once trash has been collected, the trash trucks will utilize the hammerhead turnaround located at the east end of the main access drive. No on-street parking will be permitted along the main access drive, providing a clear route for trash collection. The development's minimum road width and turning radii all comply with required City of Anaheim Public Works and Fire Department dimensions and standards. Please refer to attached Solid Waste Management Plan site plan exhibit for truck turning radius details.

In addition to trash bin collection, residents will be permitted to dispose of large bulk items at the designated bulk trash staging location (in a 10'x8' minimum storage area) within the parking garage.

Hauling

N/A

Recycling

Processing of recyclables will be provided by trash service company.

Disposal of Trash & Recyclables

Trash and recycling materials will be stored in the units' trash bins and disposed of with the regular weekly collection by the City of Anaheim as detailed in the Collection section above.

Fees for Sanitation Services

The apartment owner with bin service will be responsible for all fees associated with Sanitation Services and Street Sweeping.

**City of Anaheim
Streets and Sanitation Division
Solid Waste Management Plan**

**Department of Public Works
Streets and Sanitation
Contact: Leticia Mercado
Phone: 714-765-6836
e-mail: lmercado@anaheim.net**

IDC Meeting

Name of Project: The Renaissance Apartments
Company: Renaissance City North Anaheim LLC
Address of Project: 1122 Anaheim Boulevard, Anaheim, CA
Contact Person: Hunsaker & Associates Irvine, Inc. c/o Ted Frattone
Telephone/Fax Number(s): (949) 768-2541
Email Address: tfrattone@hunsaker.com
Project Description: Redevelopment of a 4.493 AC site for the development of 269 residential apartment units.
Name of Planner: Nick Taylor
IDC Number For Project:
Building Case Number: PRE2019-00015 (DEV2019-00087)
Quarter Section:

Type of Project	# of Units	Total Square Feet
Commercial Project		
Residential Project	269	233,591
Mixed-Use Project		
a. Commercial		
- Restaurant		
- Retail		
- Other		
b. Residential		
- Single Family		
- Condos/Townhomes		
- Apartments		

Applicant must complete and submit all three items listed below by _____.

- ☒ A) Provide a site plan to include the following locations as applicable:
- ☐ trash storage areas
 - ☐ trash enclosures
 - ☐ recyclables storage areas
 - ☐ grease storage areas
 - ☐ route for trash truck access
 - ☐ collection locations
- ☒ B) Provide drawing details of the following:
- ☐ storage areas
 - ☐ enclosures
 - ☐ trash chutes (if applicable)
 - ☐ trash truck access
 - ☐ collection locations
- ☒ C) Attach to this form, a detailed statement explaining the plan for the following:
- ☐ storage
 - ☐ collection
 - ☐ hauling
 - ☐ recycling
 - ☐ disposal of trash and recyclables

Office Use Only

☐ Site Plan

Notes: _____

☐ Detailed Drawings

Notes: _____

☐ Written Statement

Notes: _____

City of Anaheim
Checklist for Solid Waste Management Plan
Solid Waste Management Plan (cont'd)

Please check appropriate boxes:

1) Type of Solid Waste Service Required for Project:

- ☒ City Bin Service (3 Yd)
Number of Bins: 18
- ☐ City Automated Barrel Service
Number of Barrels: _____
- ☒ Bulky-Item Pick-Up Service
- ☐ Packer Service
Packer Size: _____
Number of Packers: _____
- ☐ Roll-Off Box Service
Number of Roll-Off Boxes _____
- ☐ Roll-Out Service
Number of Bins: _____
Means of Roll-Out _____

2) Type of Recycling Service Required for Project

- ☒ City Bin Service (includes recycling service)
- ☐ City Automated Barrel Service (includes recycling service)
- ☐ Source-Separated Recyclables
 - ☐ On-site Baler _____
 - ☐ Bin/Box provided by recycler/hauler _____
 - ☐ Type of source-separated recyclable materials _____
 - ☐ Name of hauler for source-separated recyclable materials _____
 - ☐ Grease container/interceptor _____

3) Type of Storage for Trash and Recyclables

- ☒ Bin Trash Enclosure (refer to City Standard)
- ☐ Automated Barrels Stored in Approved Location Out of Public View
- ☒ Bulky Item Storage Area
- ☐ Source-Separated Recyclables Stored in Approved Location Out of Public View
- ☐ Trash Chutes
- ☐ Other Storage _____

4) Trash Truck Access Plan

- ☒ On-site Trash Truck Turn Around Required
 - ☐ Continuous Drive Lane From Entrance to Exit _____
- ☒ On-site Hammer Head (refer to City Standard) Refer to attached SWMP Site Plan Exhibit
- ☐ Street Collection
- ☐ Alley Collection

5) Construction and Demolition Materials (C&D) Plan

- ☐ Asphalt/Concrete Materials
- ☐ Soil Export Materials
- ☐ Landscape Materials
- ☐ Building Deconstruction/Demolition Materials
- ☐ Contact Republic Services (714) 238-3378 for waste stream diversion.

City of Anaheim
Checklist for Solid Waste Management Plan
Solid Waste Management Plan (cont'd)

6) Green Building

- ☐ Contact Green Building Specialist at Republic Services (714) 238-3378 for waste stream analysis.

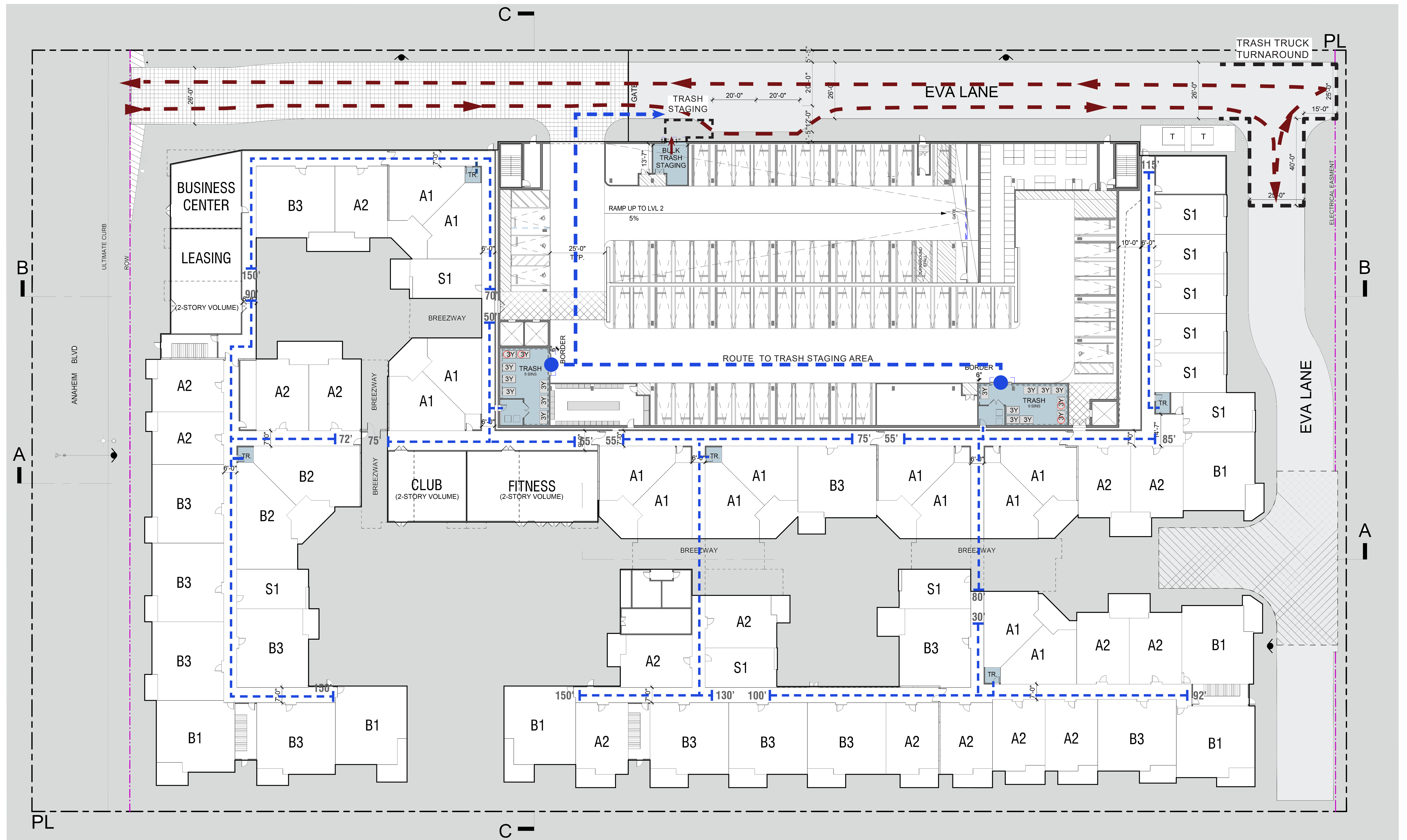
Signature of Property Owner
Representative


Hungaker & Associates Irvine, Inc.

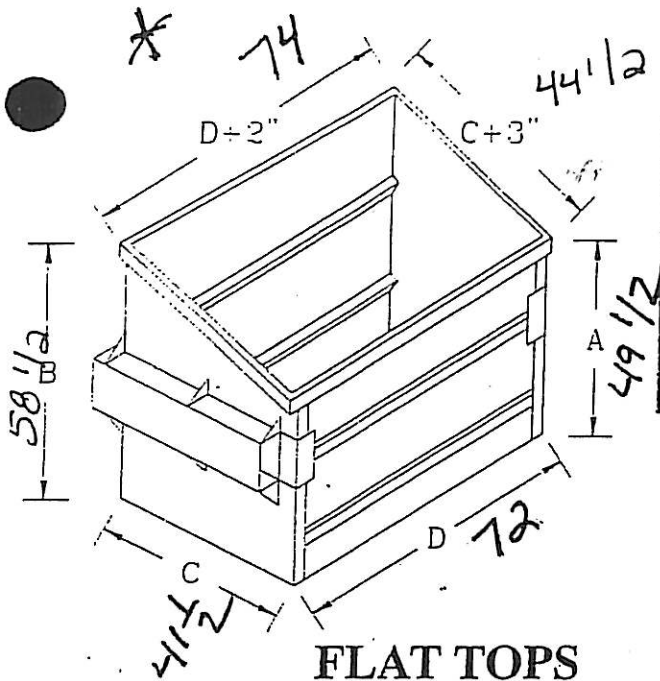
Date 10/1/2019

Approval by City Staff _____

Date _____



DIMENSIONS

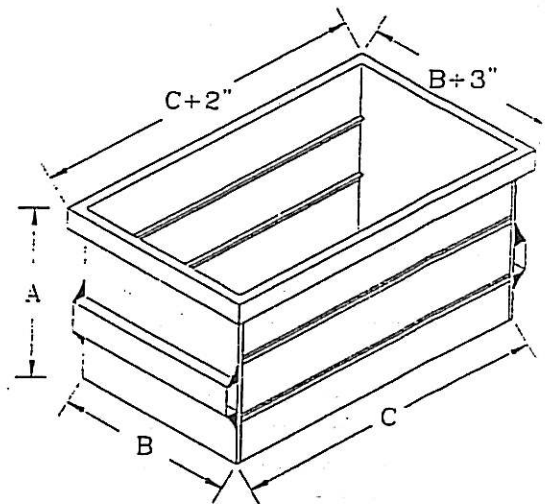


FLAT TOPS

PRODUCT #	SIZE	HEIGHT	WIDTH	LENGTH	CUBIC YDS.
		A *	B	C **	
10500 ***	1 YD 49"	35"	28"	49"	1.03
10501 ***	1 YD 60"	30"	26"	60"	1.00
9095	1 YD 72"	28"	24"	72"	1.04
10504	2 YD FH	34 1/2"	34 1/2"	72"	1.84
9003	2 YD IH	38"	34 1/2"	72"	2.02
9004	2 YD BH	41 1/2"	34 1/2"	72"	2.21
10507	3 YD FH	41 1/2"	41 1/2"	72"	2.66
10509	3 YD IH	46"	41 1/2"	72"	2.95
9006	3 YD BH	50 1/2"	41 1/2"	72"	3.23
10512	4 YD FH	46"	50 1/2"	72"	3.58
9008	4 YD IH	50 1/2"	50 1/2"	72"	3.94
10514	4 YD BH	56 1/2"	50 1/2"	72"	4.40
10516	5 YD	50 1/2"	58"	72"	4.52
10520	6 YD	57"	68"	72"	5.98

PITCH TOPS

PRODUCT #	SIZE	FRONT HEIGHT	BACK HEIGHT	WIDTH	LENGTH
		A *	B *	C	D **
9001	1 1/2 YD	29 1/2"	34 1/2"	29 1/2"	72"
9002	2 YD	34 1/2"	41 1/2"	34 1/2"	72"
9005 *	3 YD	41 1/2"	50 1/2"	41 1/2"	72"
9007	4 YD	46"	57"	50 1/2"	72"
9096	5 YD	50"	62"	58"	72"
10001	6 YD	64"	71"	58"	72"



* CASTERS ADD 8" TO HEIGHT
 ** END LOADER = 80"
 *** BOTTOM CHANNELS ONLY

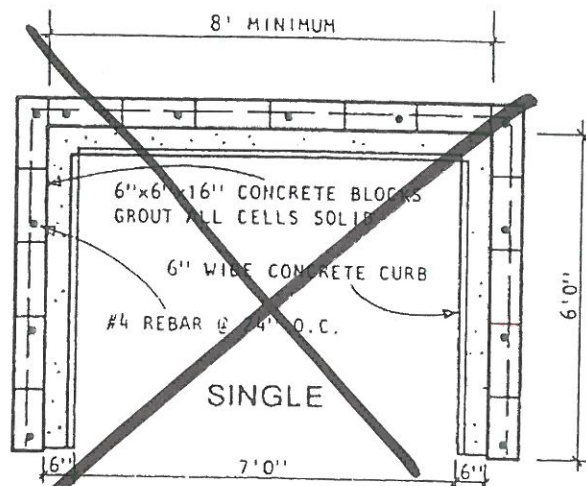
OPTIONS

- 16 GA. CROSSPANELED LIDS, WITH DOUBLE LID BRACES FOR STRENGTH
- APARTMENT LIDS (EXCEPT 1 YD. & 1 1/2 YD.)
- LID HANDLES (STEEL LIDS)
- LOCKING LID DEVICES - STEEL OR PLASTIC LIDS
- 12 GA. BOTTOMS
- 16" OR FULL INSEAM WELD
- WATERTIGHT
- DRAIN PLUG OR DRAIN HOLES

- IDENTIFICATION WELDED (NO ADDITIONAL CHARGE)
- CHANNEL STRAPS OR "BOXED" GUSSETS FOR REINFORCEMENT OF CHANNELS
- HEAVY DUTY FRONT BUMPERS
- BOTTOM SKIDS FOR ADDED STRENGTH
- 10 GA., 7 GA., OR 1/4" WRAP AROUND CASTERPLATES
- BOLT - ON CASTERPLATES
- TOWING HITCH AND BARS
- PULL HANDLES
- STEEL OR SPECIALTY CASTERS

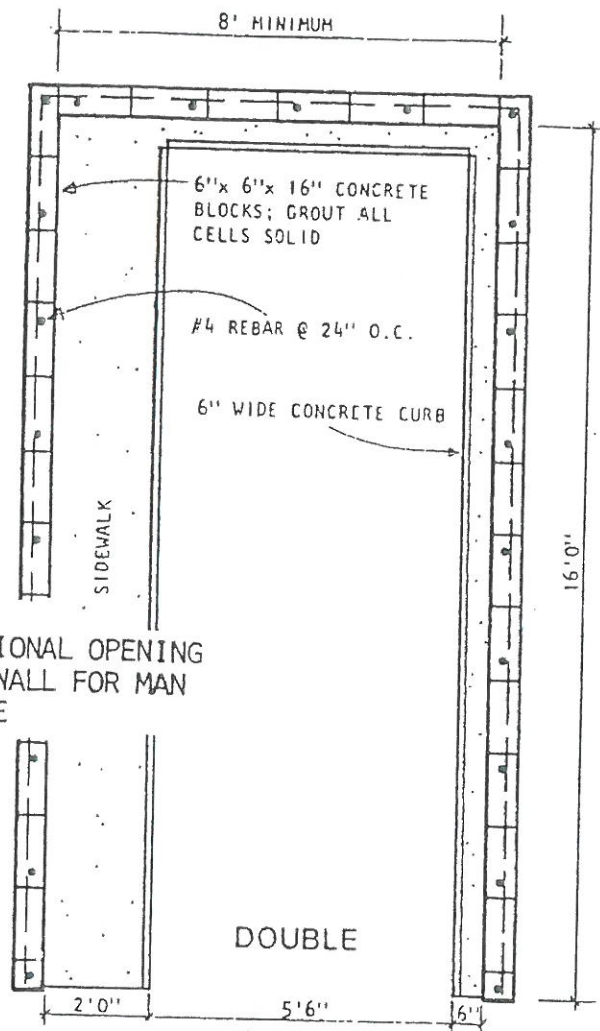
NOTES:

1. Refuse container enclosure to be located clear of other structures where possible, but accessible to both deposit and pickup.
2. Slab to meet finished grade. If slab does not meet finished grade, provide ramp sloped at $\frac{1}{4}$ " per foot maximum.
3. Location, size and number of structures will be determined by the Sanitation Inspector prior to issuance of building permit. For information call 765-6836
4. All hardware to be corrosion resistant.
5. Plans must show refuse areas in detail.

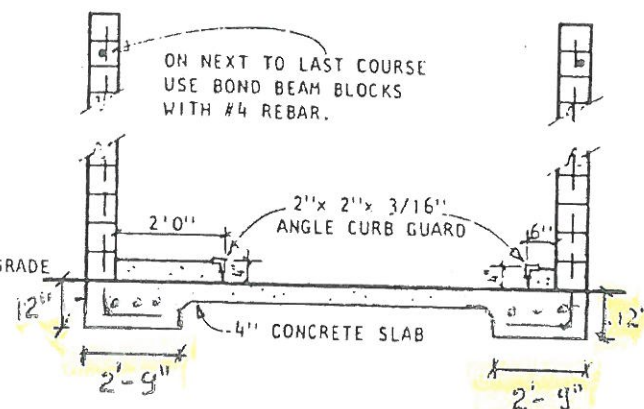
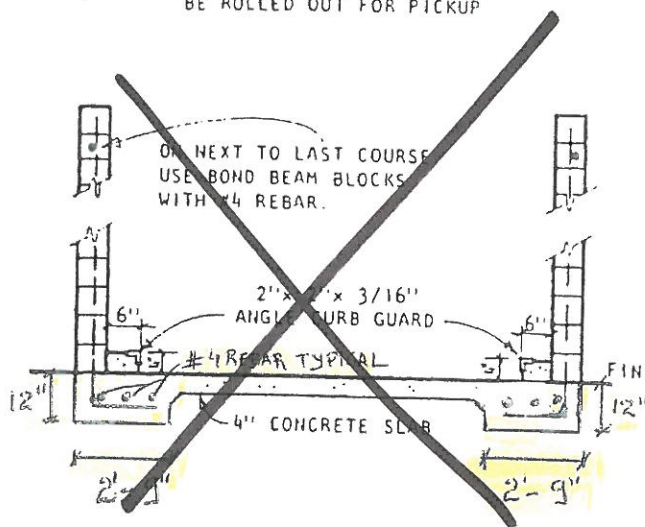


AREA IN FRONT TO REMAIN CLEAR TO ENABLE BINS TO BE ROLLED OUT FOR PICKUP

OPTIONAL OPENING IN WALL FOR MAN GATE

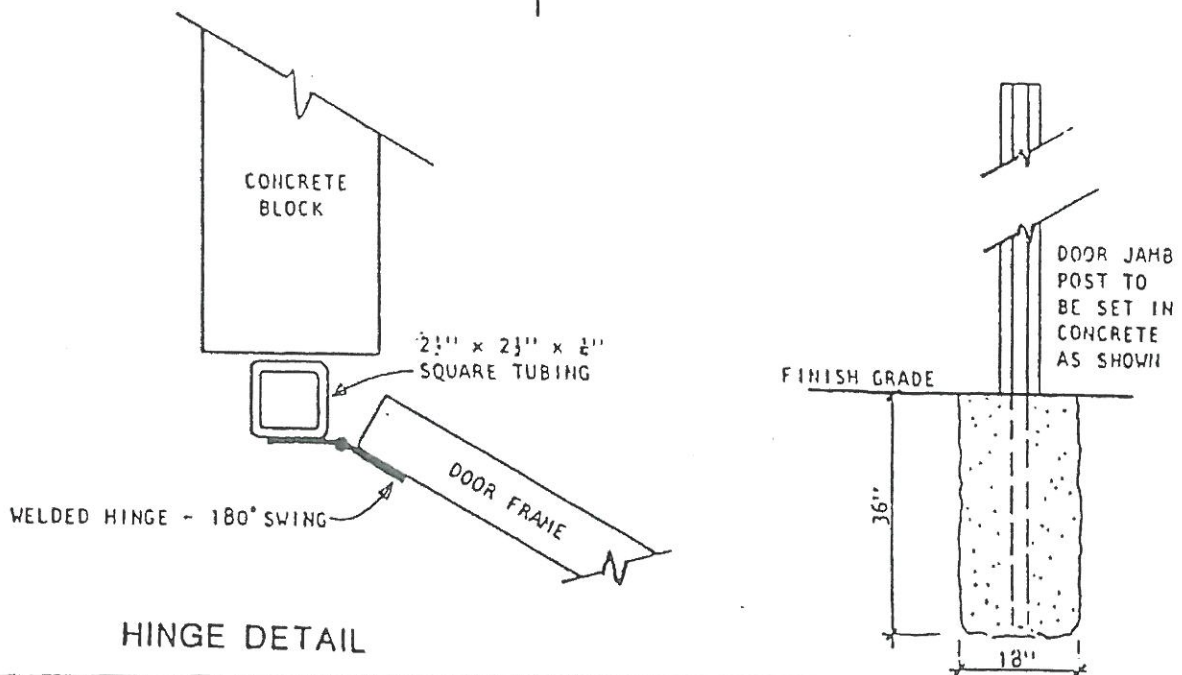
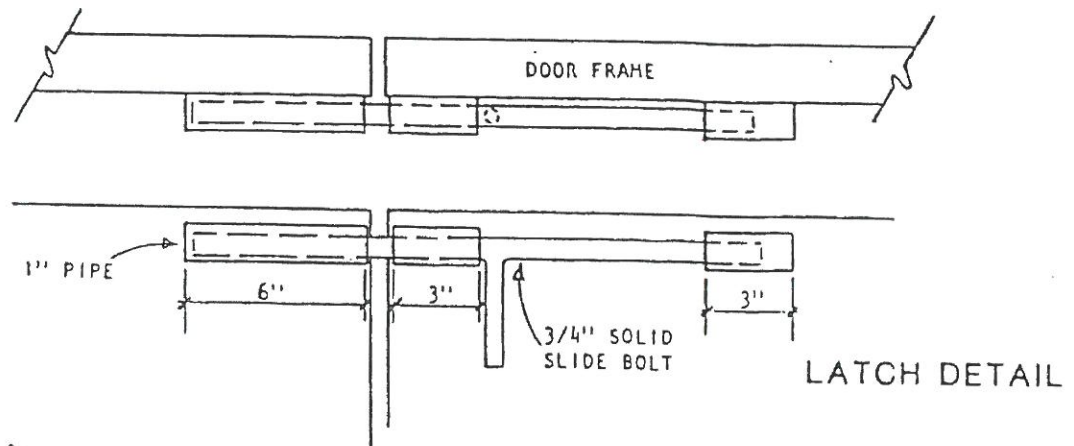
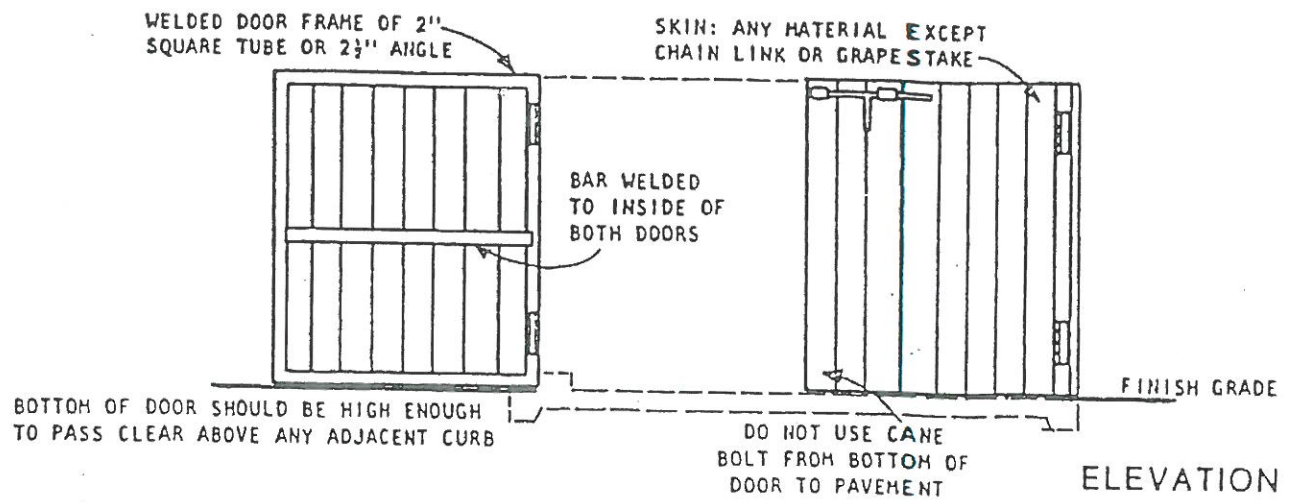


AREA IN FRONT TO REMAIN CLEAR TO ENABLE BINS TO BE ROLLED OUT FOR PICKUP

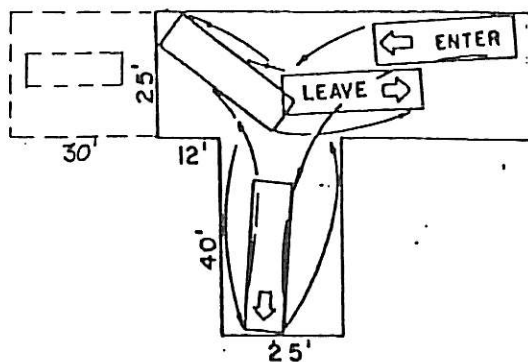


CITY OF ANAHEIM

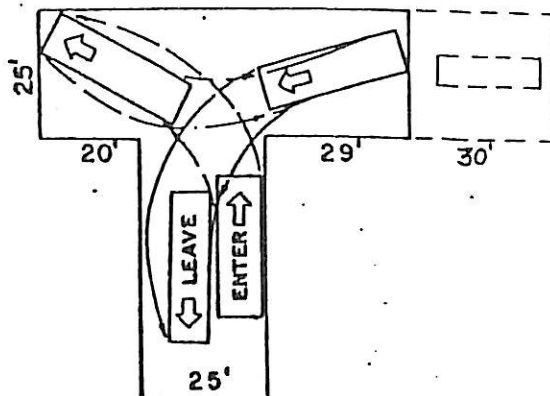
Refuse Container Enclosure for Multiple- Family, Residential, Commercial and Industrial Use.



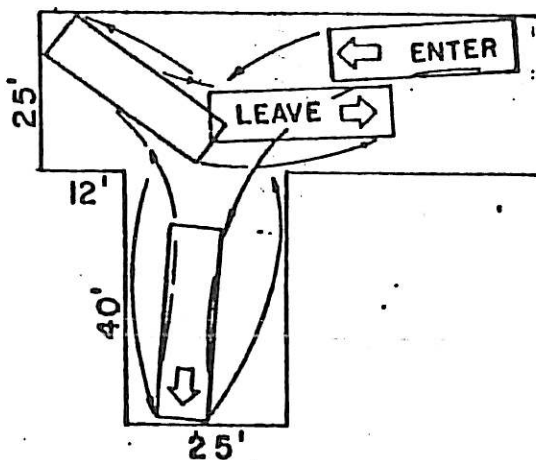
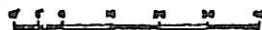
CITY OF ANAHEIM - TRASH ENCLOSURE REQUIREMENTS



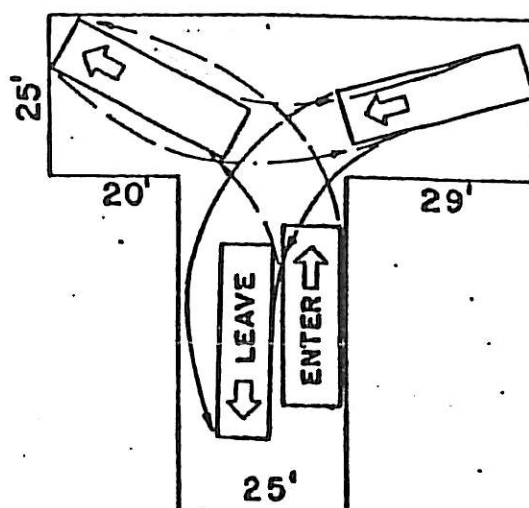
25' ENTRANCE
25' WIDE TEE
ADD 30' FOR DROP-OFF-BOX



25' ENTRANCE
25' WIDE TEE
ADD 30' FOR DROP-OFF-BOX



25' ENTRANCE
25' WIDE TEE



25' ENTRANCE
25' WIDE TEE



DRAWN T. K.

CHECKED *[Signature]*

APPR. *[Signature]*

DEPT. PUBLIC WORKS - TRAFFIC

TRUCK TURNING RADIUS 35' LONG TRASH TRUCK

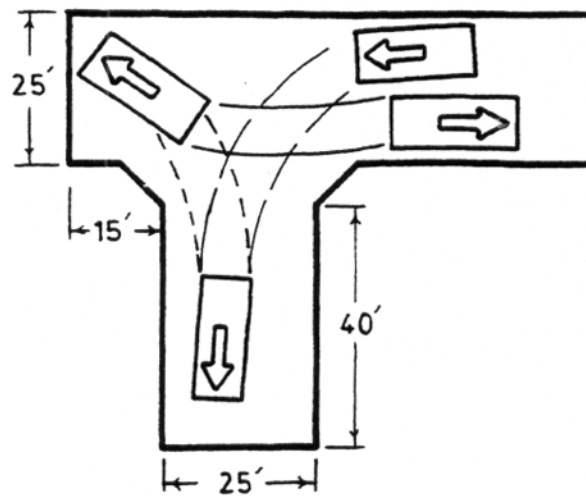
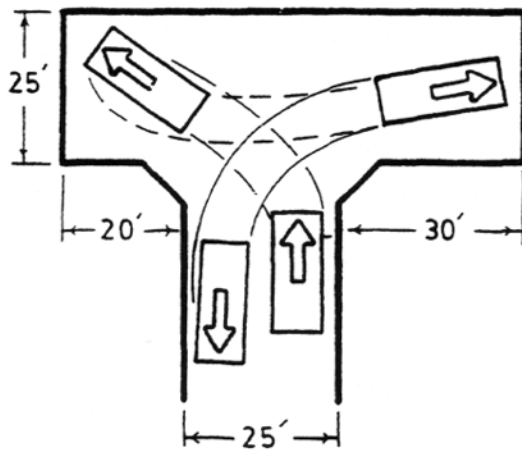
L-11

DATE

SCALE

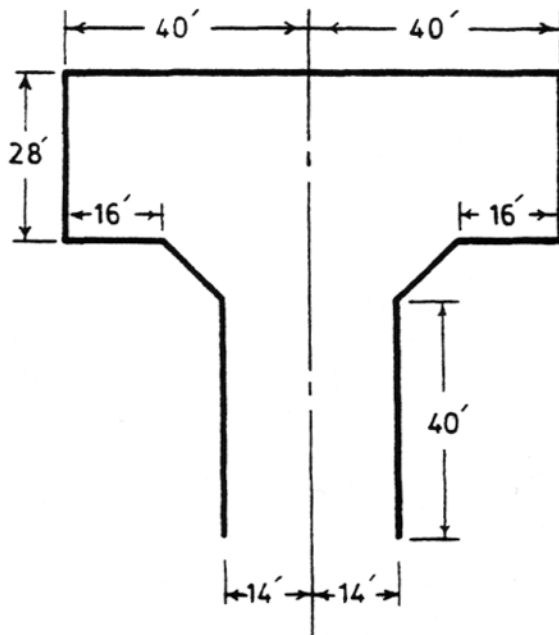
REVISED

DWG. NO.



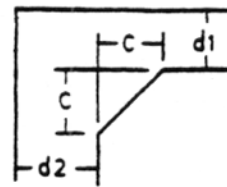
SANITATION TRUCK

Minimum of 14' 6" vertical clearance is required.



FIRE TRUCK

Minimum of 14' 0" vertical clearance is required.



$$W = d1 + d2$$

CUT-OFF DISTANCE TABLE

(W)	(C)
50	6.90
51	5.75
52	4.60
53	3.45
54	2.30
55	1.15
56	0.00



REVISED BY

CITY OF ANAHEIM
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
TRAFFIC ENGINEERING SECTION

**MINIMUM
UTILITY VEHICLE
HAMMERHEAD TURN AREA**

Paul E. Singer 11-21-90
DIRECTOR OF PUBLIC WORKS AND CITY ENGINEER DATE

Paul Singer 11-20-90
CITY TRAFFIC AND TRANSPORTATION ENGINEER DATE

STANDARD
DETAIL NO. **476**

STD. DETAIL RE-NUMBER 6-7-04