Type 1 - Standard commercial developments with multiple businesses, multi-family, or planned developments (excluding food service establishments)

Type 2 - Commercial single business occupant (excluding food service establishments)

Type 3 - Food service establishments

Type 4 - Conditional Exception (excluding food service establishments). Requires special approval.

Type 5 - Recycling enclosure for facilities utilizing compactors (or exceptions for split bins)
Slide Bolt Support (3/16") Metal Plate
Lock Hasp (See Detail)
3/4" Steel Slide Bolt with welded stop pin
1" I.D. Pipe Section welded to the Slide Bolt Support and the Frame

OUTSIDE VIEW
LATH DETAIL

CMY wall
3"x3" or 4"x4" 1/2" thick square tubing
Welded Hinge 180° Swing

HINGE DETAIL

Door jams to be set in concrete as shown

GATE POST FOOTING DETAIL

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SOLID WASTE ENCLOSURES

STANDARD CURRENT AS OF: OCTOBER 2007
Diagram 8.04 - D - 1 - Plan View

Concrete Apron, Min 6" slab, 22'-10" x 15' deep

Cone Bolt Slots creates a 120'-opening

Pedestrian Access

Recycling

Trash

Curb Stop

Direction of Flow

1-1/2 %

Center curbstop 6" wide x 2' tall with beveled side edges at 45 degree slopes.

21'-10"

Trellis - recommended minimum overhead clearance of 10' from ground level.

For Trash Only

Concrete Apron, Min 6" slab, 22'-10" wide by 15' deep

Diagram 8.04 - D - 1 - Perspective View
2. Commercial single business occupant (excluding food service facilities)

Diagram 8.04 - D - 2 - Plan View

Concrete Apron, Min 6” slab, 19’-2” x 15’ deep

Direction of flow

Recycling
1-1/2 %
-Curb Stop

Trash
1-1/2 %
-Curb Stop

Center curbstop 6” wide x 2” tall with beveled side edges at 45 degree slopes.

18’-2”
Trellis – recommended minimum overhead clearance of 10’ from ground level.

Concrete Apron, Min 6” slab, 19’-2” wide by 15’ deep

Diagram 8.04 - D - 2 - Perspective View

For Trash Only

Diagram 8.04 - D - 2 - Front Elevation

Trellis width 19’-2”

Clearance 4’

6’ Wall

4”

Recycle Materials Only

Curbstop 10” high

Footings

Footings

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SOLID WASTE ENCLOSURES

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3. Food Services Facilities

Diagram 8.04 - D - 3 - Plan View

Concrete Apron, Min 6" slab, 26'-6" x 15' deep

Cane bolts slots create a 100" opening

8" 3' 8" 7'-8" 6" 7'-8" 8"

Pedestrian Access

Recycling

Trash

Curb Stop

1-1/2 %

FOG Containment Area

Direction of flow

1-1/2 %

Center curbstop 6" wide x 2" tall with beveled side edges at 45 degree slopes.

Notes:
1. 3" x 4" @ 12" OC Trellis
2. 4" x 6" Beam
3. 4" x 4" Support Columns. Set in 24" x 3" Deep Footing
4. Skim Coat Stucco to match associated building or to blend into landscape.
5. 8" x 8" x 16" concrete block, #4 Rebar. Vertical @ 24" OC. #4 Rebar horizontal bond beam @ 24" OC solid grouted; trowled concrete cap.
6. 6" Concrete slab with #3 rebar @ 18" OC each way over 90% compacted base, 1% max slope to drain.
7. 10" concrete curb (Wheel stop). Standard at inside perimeter.
8. Slide bolt per City Standards.
9. Curb bolt per City Standards.
10. 2 x 3 TS gate frame, miter cut & weld corners, grind all corners smooth; 1½" x ½" bar stop welded flush with inside face of frame.

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SOLID WASTE ENCLOSURES

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4. Conditional Exception (Excluding Food Service Facilities)

Diagram 8.04 - D - 4 - Plan View

Concrete Apron, Min 6" slab, 18'-10" wide x 15' deep

Cane bolts slots create a 100' opening

Direction of flow

1-1/2 %

Recycling

Pedestrian Access

Trash

Curb Stop

Curb Stop

1-1/2 %

9'-4" 7'-8"

5'-9"

3'

5'-9"

17'-10"

Frontal View of Gates

Bin Service Access

Pedestrian Access

Bin Service Access

Gate 6' High
5. Recycling Enclosure For Facilities Utilizing Compactors (Or Exceptions for split bins).

Diagram 8.04 – D – 5

Cane bolts slots create a 100" opening typ.

Concrete Apron, Min 6" slab, 11'-1" wide by 15' deep.

Direction of flow

1-1/2 %

1% Curb Stop

7'-9"

8"

6"

15', deep

6'

7'-2"

10'-1"

10'
F. Solid waste container common enclosure

7. Solid Waste Container Common Enclosure for Residential,
   (Sample 4 container enclosure).

Diagram 8.04 - F - 7

Concrete Apron, min 4" thick, 13' wide by 3'

Direction of flow

1-1/2 %

360° Minimum Clearance

Option II, 5' high wall instead of gates.

Concrete Apron, min 4" thick, 13' wide by 3'

Direction of flow

1-1/2 %

3' Clearance

3' Clearance

12' Wide
G. Bin Enclosure Accessibility

Diagram 8.04 - G-9

Diagram 8.04 - G-10

Where a circular through movement is not possible, maneuvering space in front of any dumpster as noted in G-11 below must be provided (46.5' min.). Backup and turnaround space must be in an aisle with a minimum width of 16' and a depth of 30', and min. inside curb radius of 46.5'.

Diagram 8.04 - G-11

Max dead-end back-up distance 40'

46.5' maneuvering area
46.5' inside curb radius
46.5' maneuvering area
General Notes:

1. Minimum dimensions inside bumper curb shall be 5'–6" by 7'–8" for each bin.

2. The concrete slab inside the trash, recycling, and Fats Oils Grease (FOG) storage areas shall be sloped 2% towards the rear of the enclosure, to prevent spills from running out of the enclosure.

3. Pedestrian access areas within an enclosure shall be sloped a minimum of 1% to drain out of the enclosure. Pedestrian access shall have a minimum width of 36" clear and shall comply with the Americans with Disabilities Act (ADA).

4. Gate posts shall be filled with concrete or have caps, whether plastic or welded steel, to prevent water from entering the square tubing and causing corrosion (rust) on the inside.

5. A trellis of roof structure is allowed to be incorporated into the design, and may be required by the Community Development or the Architectural Review Commission. Any such structure shall be of sufficient height to allow the lids of the bins to open fully.

6. Gate post shall be free-standing, separated from the masonry wall of the enclosure by a minimum of one inch.

7. A six-inch thick steel reinforced concrete slab apron shall extend 15’ out from the enclosure and at least 6” wider per side then the enclosure itself. The apron shall be adequately reinforced to accommodate the weight of the garbage trucks.