

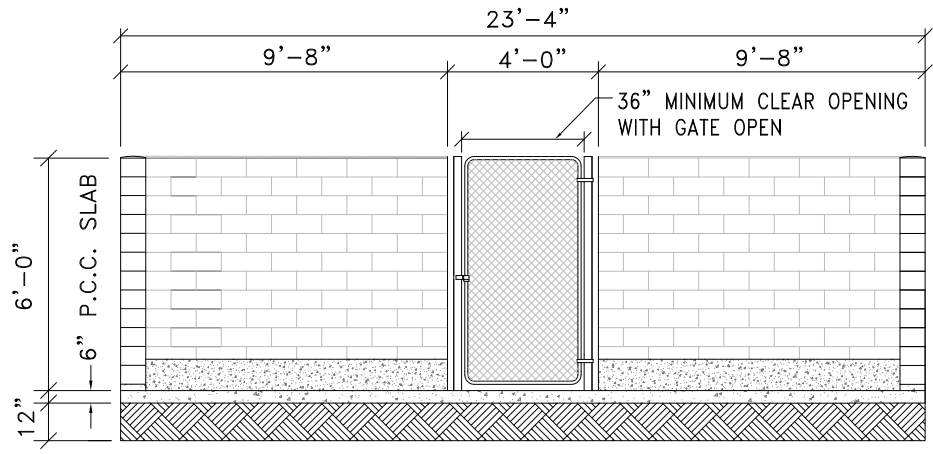
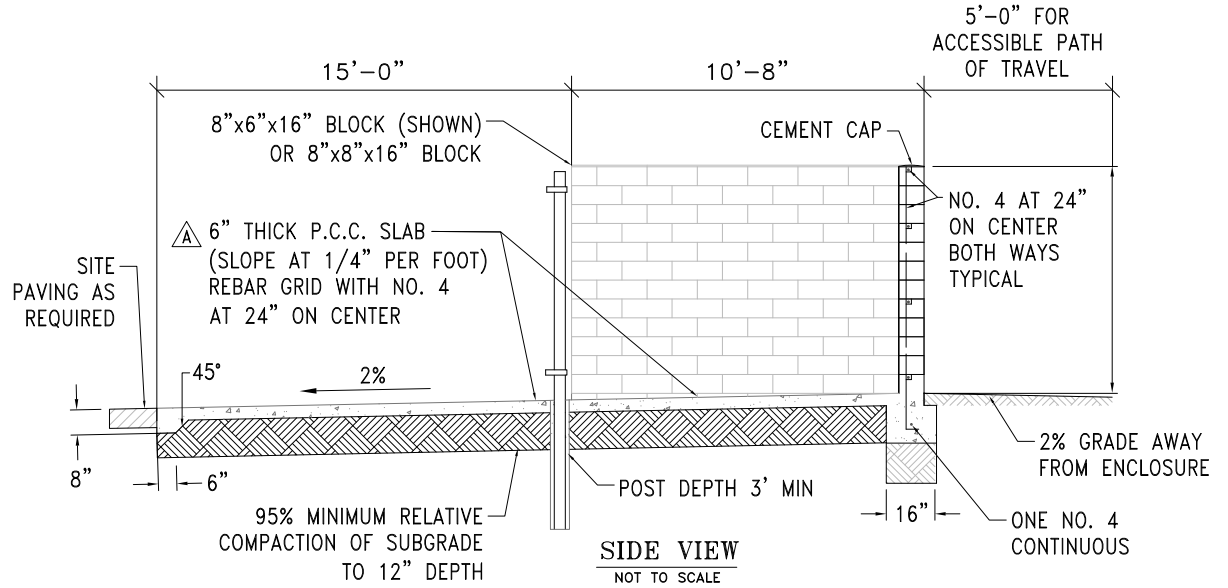


A NOTE: IN UNIQUE CIRCUMSTANCES, THE ENCLOSURE MAY BE CONSTRUCTED WITHOUT WALLS OR GATES. SUCH CONSTRUCTION METHODS MUST BE APPROVED BY THE DIRECTOR OF UTILITIES.

<i>Steven B. Kahn</i> STEVEN B. KAHN R.C.E. 42350 EXP. 3/31/2015		07/28/2016 DATE			City of Santa Maria Standard Drawing	
REVISIONS		BY	APP		DATE	DESCRIPTION:
A	UTILITY DEPARTMENT REVISIONS	JAS	1/15/18		SOLID WASTE ENCLOSURE FOR TWO CONTAINERS	MS-16A
DRAWN BY: MM		DATE DRAWN: 07/16		SCALE: NTS		SHEET 1 OF 5

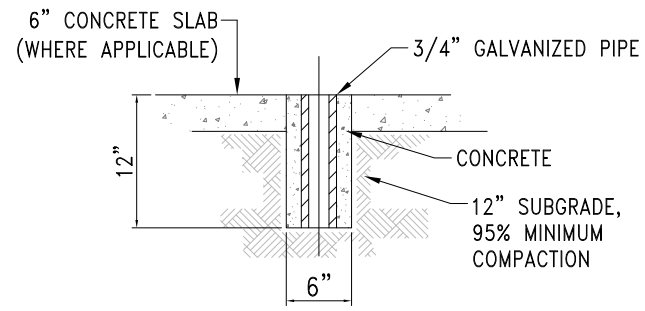


ELEVATION
NOT TO SCALE

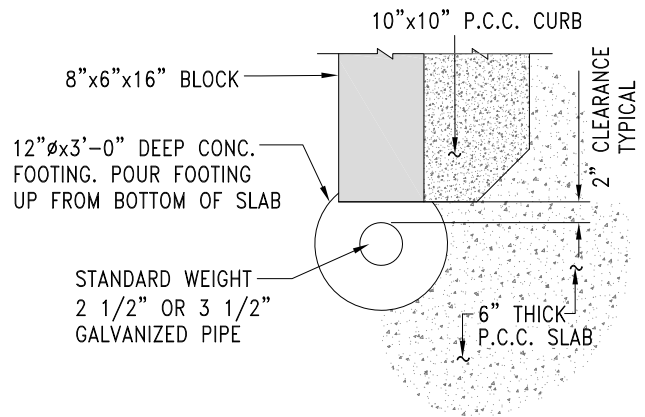


SIDE VIEW
NOT TO SCALE

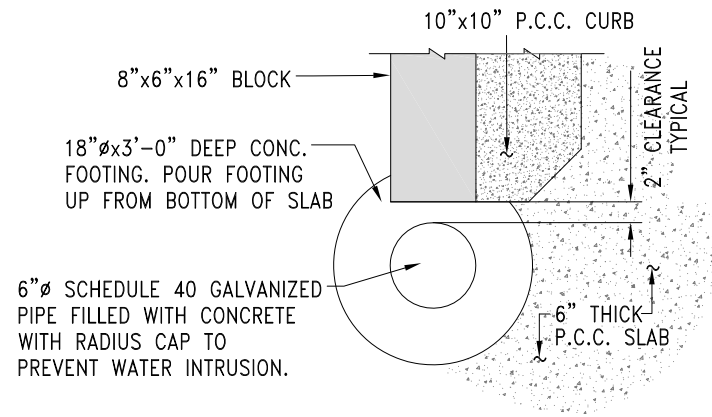
△ NOTE: OPENING IS REQUIRED, BUT GATE IS OPTIONAL. OPENING SHALL BE CENTERED AT BACK OF ENCLOSURE.



DETAIL "A"





DETAIL "B"




DETAIL "C"

- NOTES**
1. CONTRACTOR MAY SELECT STRONGER PIPE FOR GATE HINGES AS NEEDED FOR GATE STURDINESS.
 2. CONTRACTOR MAY USE DROP PIN FOOTLATCH DESIGN AS SHOWN OR MAY USE APPROVED ALTERNATE DESIGN TO SECURE GATES OPEN.

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GENERAL NOTES



1. MASONRY BLOCK SIZE AND TYPE, (E.G. PRECISION, SPLITFACE, SLUMP, ETC.) PROPOSED FOR CONSTRUCTION SHALL BE APPROVED BY COMMUNITY DEVELOPMENT DEPARTMENT PRIOR TO ISSUANCE OF BUILDING PERMIT.
2. LOCATION OF ENCLOSURE(S) ON SITE SHALL BE APPROVED BY DIRECTOR OF UTILITIES PRIOR TO ISSUANCE OF BUILDING PERMIT.
3. GROUT ALL CELLS SOLID.
4. PROVIDE CLEAN-OUT OPENINGS AT THE BOTTOM OF ALL CELLS. OPENINGS ALLOWED ON INTERIOR FACES OF TRASH ENCLOSURES ONLY.
5. TOP LIFT OF GROUT SHALL BE PLACED APPROXIMATELY ONE INCH (1") BELOW TOP OF THE WALL TO PROVIDE FOR CEMENT MORTAR CAP.
6. ANY PROPOSED DEVIATIONS FROM THESE STANDARDS WILL BE CONSIDERED AT TIME OF BUILDING PLAN CHECK. COMMENTS WILL BE NOTED ON THE PLANS AND LISTED ON COMMENTS SHEET.
7. TWO GATES ARE REQUIRED, THEY ARE TO OPEN FROM THE MIDDLE AND BE ABLE TO LOCK IN EXTENDED POSITION.
8. IF DIRECT FORK-IN ACCESS IS NOT AVAILABLE, ADDITIONAL CONCRETE PAD(S) REQUIRED.
9. REBAR FOR CONCRETE SLAB SHALL BE INSTALLED AS A GRID WITH BARS ORIENTED AT 90 DEGREES. BARS SHALL BE WIRED TOGETHER AND SUSPENDED ON BLOCKS TO KEEP GRID AT A UNIFORM DEPTH AT MIDDLE OF SLAB. 

MATERIALS

1. CONCRETE BLOCK SHALL CONFORM TO GRADE N HOLLOW LOAD-BEARING LIGHT WEIGHT UNITS, ASTM C90
2. REINFORCING STEEL SHALL CONFIRM TO ASTM A615, GRADE 40.
3. WATER SHALL BE CLEAN AND FREE FROM DELETERIOUS AMOUNTS OF ACIDS, ALKALIS OR ORGANIC MATERIALS.
4. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150,TYPE II, LOW ALKALI MILL TESTED.
5. HYDRATED LIME SHALL CONFIRM TO ASTM C201, TYPE S.
6. AGGREGATE FOR MASONRY MORTAR SHALL CONFORM TO ASTM C144.
7. AGGREGATE FOR GROUT SHALL CONFORM TO ASTM C404.
8. CONCRETE FOR FOOTINGS, CURBS, AND FLATWORK SHALL BE CLASS "A" 6 SACK PER CITY STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE.

PROPORTIONS

1. MORTAR SHALL CONFORM TO TYPE S OF THE UNIFORM BUILDING CODE AND SHALL BE COMPOSED OF ONE PART PORTLAND CEMENT TO 3 1/2 PARTS SAND, NOT LESS THAN 1/4 NOR MORE THAN 1/2 PART HYDRATED LIME; ALL PARTS BY VOLUME OF PORTLAND CEMENT USED.
2. MINIMUM MORTAR STRENGTH SHALL BE 1,800 PSI AT 28 DAYS.
3. GROUT SHALL BE COMPOSED OF ONE PART PORTLAND CEMENT, THREE PARTS CONCRETE SAND, AND TWO PARTS 3/8" PEA GRAVEL. GROUT SHALL TEST TO 2,000 PSI AT 28 DAYS.

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MINIMUM RESIDENTIAL COLLECTION DEVELOPMENT STANDARDS

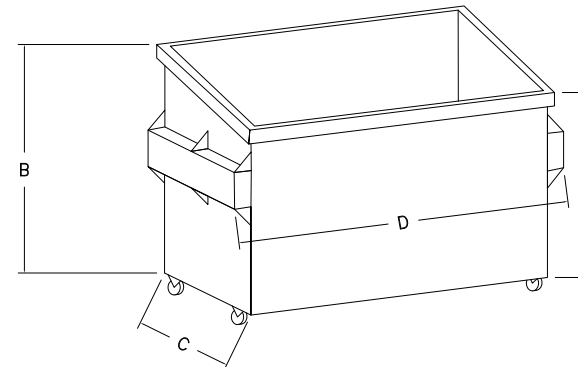
	TYPE	MINIMUM REQUIREMENTS
1.	Apartment Condominium Fourplex (per eight (8) units)	One (1) 4-cu yd. trash One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers
2.	Senior Citizen Housing (per ten (10) units)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers
3.	Single-Family Detached Duplex Triplex	Determined on a case-by-case basis

MINIMUM INDUSTRIAL COLLECTION DEVELOPMENT STANDARDS

	TYPE	MINIMUM REQUIREMENTS
1.	Industrial Facility (per 8,000 sq. ft.)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers
2.	Multi-Tenant Industrial Facility (per two (2) units, determined on a case-by-case basis)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers
3.	Warehouse Development (per 30,000 sq. ft.)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers

MINIMUM COMMERCIAL COLLECTION DEVELOPMENT STANDARDS

	TYPE	MINIMUM REQUIREMENTS
1.	Single-Tenant Retail (per 8,000 square feet)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers
2.	Multi-Tenant Retail (per two (2) tenants, determined on case-by-case basis)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers
3.	Office Development (per 15,000 sq. ft.)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers
4.	Hotel Motel, etc. (per 10,000 sq. ft.)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Two (2) 60-gal organics containers
5.	Fast-Food Establishment Mini-Mart Restaurant, etc. (per building or unit)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin Four (4) 60-gal organics containers
6.	Appliance Automotive Furniture (per 8,000 sq. ft.)	One (1) 4-cu yd. trash bin One (1) 4-cu yd. recycle bin One (1) 60-gal organics container





SIZE	FRONT HEIGHT	BACK HEIGHT	WIDTH	LENGTH
	A*	B*	C	D
2 YD	34.5"	41.5"	34.5"	81"
3 YD	41.5"	50.5"	41.5"	81"
4 YD	46"	57"	50.5"	81"

* CASTERS ADD 8" TO HEIGHT

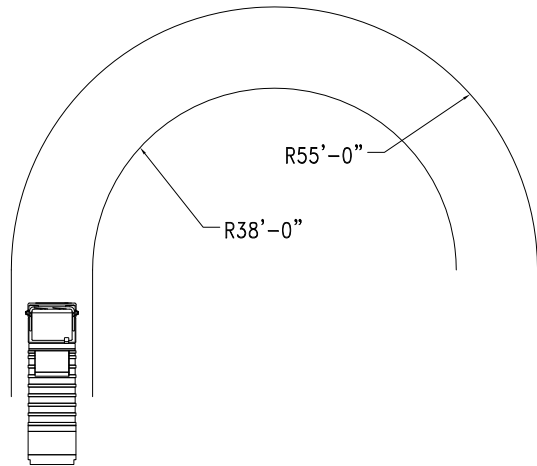
PITCH TOP FRONT LOADER CONTAINER DIMENSIONS

DIMENSIONS ARE SUBJECT TO CHANGE

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△ GENERAL INFORMATION

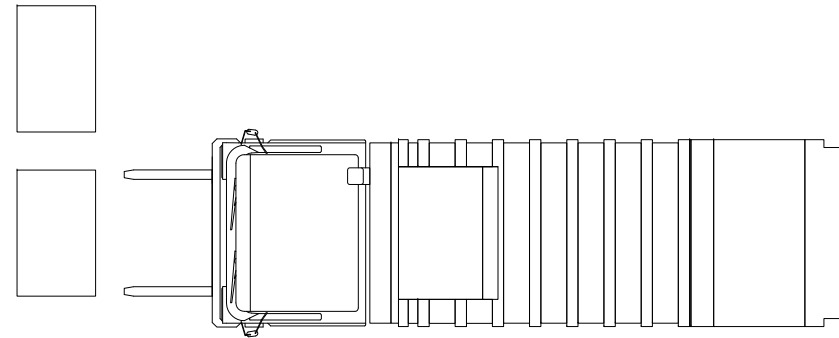
- A. PER ASSEMBLY BILL ("AB") 341 AND AB 939, RESIDENCES, COMMERCIAL BUSINESSES, INDUSTRIAL FACILITIES, AND MULTI-FAMILY DWELLINGS ARE REQUIRED TO ARRANGE FOR RECYCLING SERVICES.
- B. PER AB 1826, COMMERCIAL BUSINESSES AND MULTI-FAMILY DWELLINGS ARE REQUIRED TO ARRANGE FOR ORGANIC WASTE RECYCLING SERVICES.
- C. AT MINIMUM, ONE (1) RECYCLE CONTAINER SHALL BE ISSUED TO EACH ACCOUNT. EACH ACCOUNT SHALL BE EVALUATED ON AN INDIVIDUAL BASIS TO DETERMINE THE QUANTITY OF RECYCLING BINS REQUIRED. AS A GENERAL RULE, MULTIPLE TRASH BINS REQUIRE MULTIPLE RECYCLE BINS.
- D. ENCLOSURES SHALL BE CONSTRUCTED PER CITY OF SANTA MARIA STANDARDS.
- E. TRASH ENCLOSURE LOCATION AND ORIENTATION SHALL PROVIDE FOR "FORK-IN" ACCESS BY REFUSE VEHICLES. (SEE DETAIL BELOW)



REFUSE VEHICLE TURN RADIUS DETAIL

△ REFUSE VEHICLE ACCESS STANDARDS

TYPE	TURNING RADIUS / CLEARANCE
1. FRONT LOADER	38'-0" INSIDE RADIUS 55'-0" OUTSIDE RADIUS
2. VEHICLE HEIGHT	15'-0" CLEARANCE
3. VEHICLE LENGTH	32'-0" CLEARANCE WITH FORKS UP 35'-0" CLEARANCE WITH FORKS DOWN
4. VEHICLE WIDTH	15' CLEARANCE (CLEAR TRAVEL LANE)
5. BACKING DISTANCE	NO BACKING



REFUSE VEHICLE FORK-IN ACCESS DETAIL

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