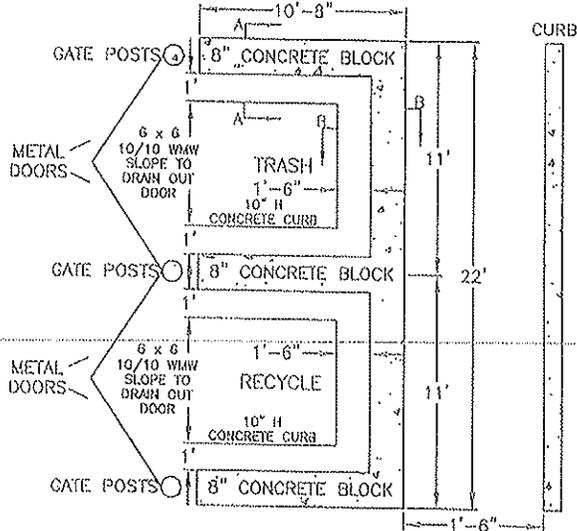
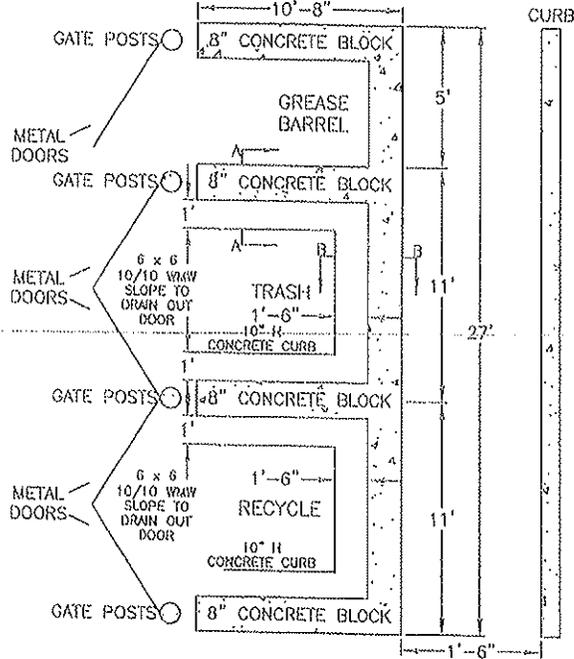


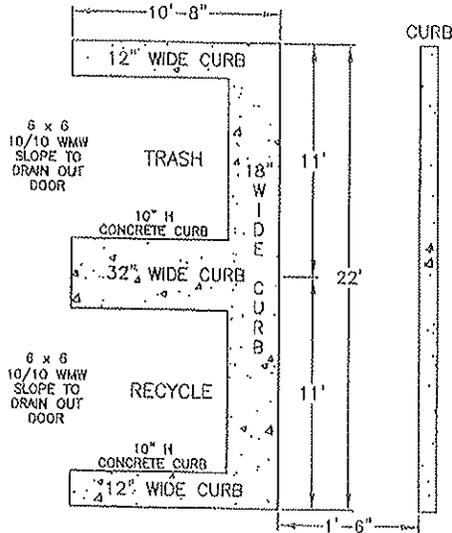
ENCLOSURE SCALE / STANDARD



ENCLOSURE SCALE / RESTAURANT

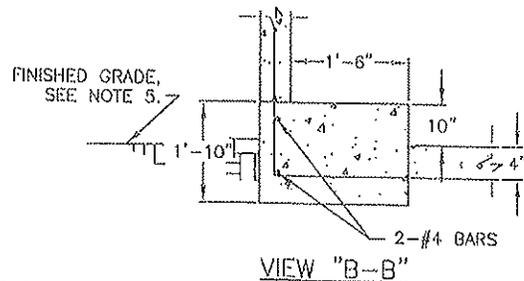
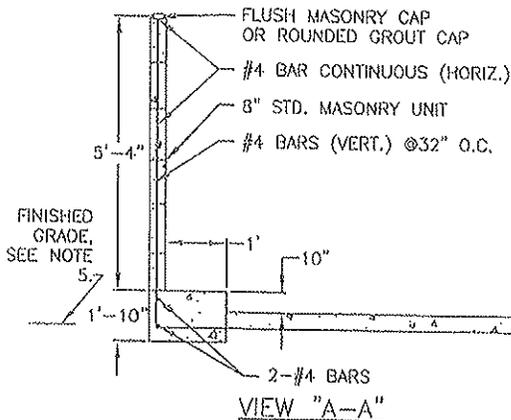


ENCLOSURE SCALE/ CURB ONLY
ZONES-M1,M2,M3, & CM ONLY



NOTES:

1. ALL CONSTRUCTION SHALL COMPLY WITH THE FRESNO MUNICIPAL CODE.
2. GROUT ALL CELLS.
3. ALL MASONRY UNITS SHALL COMPLY WITH THE LATEST ADOPTED CALIFORNIA BUILDING CODE AND U.B.C. STANDARD 24-4 GRADE N.
4. ALL MASONRY WALLS SHALL BE INSPECTED BY THE CITY OF FRESNO DEVELOPMENT DEPARTMENT.
5. DEPTH OF FOOTINGS ARE INTO NATURAL UNDISTURBED SOIL OR TESTED AND APPROVED COMPACTED FILL.
6. ALL MASONRY UNITS SHALL BE MINIMUM F'M=1500 PSI.
7. REINFORCING STEEL SHALL BE DEFORMED BAR, MIN. GRADE 40.
8. FOOTING CONCRETE SHALL BE A MINIMUM 2000 PSI AT 28 DAYS.
9. MORTAR SHALL BE TYPE-S (MINIMUM 1800 PSI AT 28 DAYS).
ONE (1) PART CEMENT, TYPE-1
ONE-HALF (1/2) PART LIME PUTTY OR HYDRATED LIME.
FOUR AND ONE-HALF (4 1/2) PARTS SAND (MAXIMUM).
10. GROUT SHALL BE A MINIMUM 2000 PSI AT 28 DAYS.
ONE (1) PART CEMENT,
THREE (3) PARTS SAND.
TWO (2) PARTS PEA GRAVEL.
11. FINISH PAD ELEVATION TO BE FLUSH WITH GRADE AT ACCESS PAVEMENT.
12. ANY GATE HINGES SHOULD BE LOCATED ON THE OUTSIDE.
13. METAL DOORS ARE REQUIRED ON ALL ENCLOSURES, CHAIN LINK IS NOT ACCEPTABLE.
14. 8" CONCRETE BLOCK TO BE USED FOR WALLS.
15. 2 CELLS ARE REQUIRED FOR COMMERCIAL/INDUSTRIAL BUILDINGS.
16. 3 CELLS ARE REQUIRED FOR RESTAURANTS.



TYPICAL SECTION W/ CONCRETE BLOCK WALL

TYPICAL REFUSE CONTAINER
ENCLOSURE DETAILS

REF. & REV.
AUG., 2010

CITY OF FRESNO
P-33

GENERAL NOTES:

1. ALL SITE PLANS SHALL HAVE THE SIGNATURE APPROVAL OF A SOLID WASTE MANAGEMENT DIVISION REPRESENTATIVE.
2. CONTAINERS USED AT ALL PLACES SHALL BE PLACED FOR COLLECTION AT SERVICE LOCATIONS APPROVED BY THE PUBLIC UTILITIES DIRECTOR, OR HIS/HER DESIGNEE, BUT SHALL NOT BE STORED IN THE PUBLIC RIGHT-OF-WAY.
3. THE DESIGN OF ANY NEW, SUBSTANTIALLY REMODELED, OR EXPANDED BUILDING OR OTHER FACILITY SHALL PROVIDE FOR PROPER STORAGE OR HANDLING WHICH WILL ACCOMMODATE THE SOLID WASTE LOADING ANTICIPATED AND WHICH WILL ALLOW FOR SAFE AND EFFICIENT WASTE REMOVAL.
4. THE PUBLIC UTILITIES DIRECTOR, OR HIS/HER DESIGNEE, SHALL PLAN WITH THE PROPERTY OWNER AND/OR THEIR REPRESENTATIVE AS TO PLACEMENT OF STORAGE CONTAINERS TO MINIMIZE TRAFFIC, AESTHETIC AND OTHER PROBLEMS BOTH ON THE PROPERTY, AND FOR THE GENERAL PUBLIC.
5. BELOW IS A CHECKLIST OF REQUIREMENTS REVIEWED FOR A SITE PLAN:
 - a. REFUSE, RECYCLABLES, AND GREASE BARRELS SHALL BE STORED FOR LATER REMOVAL FROM THE PREMISES IN AN AREA THAT IS SCREENED FROM VIEW OF THE PUBLIC STREETS BY A CITY OF FRESNO, PUBLIC UTILITIES APPROVED STANDARD ENCLOSURE (REFER TO P-33, P-34, AND P-95 FOR DETAILS). APPROVED STANDARD ENCLOSURES ARE TO BE BUILT USING EIGHT INCH (8") CONCRETE BLOCK AT A HEIGHT OF SIX FEET (6').
 - b. ENCLOSURES BUILT IN (INDUSTRIAL ZONES) M-1, M-2, M-3, AND CM ZONES REQUIRING DIRECTOR APPROVAL, OR HIS/HER DESIGNEE, MAY ELIMINATE WALLS AS LONG AS IT IS NOT VISIBLE FROM A MAIN STREET. FOR THIS DESIGN, THE CURBING WILL BE TWELVE INCHES (12") WIDE ON BOTH SIDES, EIGHTEEN INCHES (18") DEEP ALONG THE REAR WITH A THIRTY-TWO INCH (32") WIDE CURB SEPARATING THE TWO CELLS. CURBING MUST BE REINFORCED WITH REBAR AT A HEIGHT OF TEN INCHES (10"). ALL ENCLOSURES SHALL BE A MINIMUM OF EIGHTEEN INCHES (18") FROM THE NEAREST CURB. ALL OTHER PUBLIC WORKS DESIGN REQUIREMENTS SHALL BE MET DURING REVIEW.
 - c. THE APPROVED STANDARD ENCLOSURE HAS BEEN DESIGNED TO ACCOMMODATE ALL SIZES OF CONTAINERS TO HANDLE THE ACCUMULATION OF WASTE AND RECYCLABLES GENERATE BETWEEN COLLECTIONS. A STORAGE AREA WITH INNER DIMENSIONS TEN FEET (10') BY TEN FEET (10') IS THE MINIMUM. THERE SHALL BE CURBING TWELVE INCHES (12") FROM SIDE WALLS AND EIGHTEEN INCHES (18") FROM REAR WALL AND AT A HEIGHT OF TEN INCHES (10"). THESE FEATURES ARE INCLUDED IN ORDER TO REDUCE THE POSSIBILITY OF DAMAGE TO THE ENCLOSURE ITSELF.
 - d. SERVICE ACCESS TO ENCLOSURE SHALL BE A MINIMUM UNENCUMBERED OPENING OF EIGHT FEET (8'). THE GATE TO BE USED SHALL BE BUILT OF METAL, CHAIN LINK IS NOT ACCEPTABLE, SO THAT BINS CANNOT BE SEEN WHEN GATES ARE CLOSED AND SHALL BE MOUNTED ON THE OUTER SURFACE OF ENCLOSURE AS TO NOT PROTRUDE INTO SERVICE ACCESS OPENING. HARDWARE LATCHES SHOULD BE A HEAVY GAUGE LOCKING GATE LATCH. TWO GATES ARE REQUIRED ON EACH CELL WITH THE EXCEPTION OF THE GREASE BARREL CELL.
 - e. THE FLOOR OR BOTTOM SURFACE OF THE COLLECTION AREA SHALL BE MADE OF CONCRETE, (SLOPED) ONE PERCENT (1%) TO THE FRONT, AND THERE SHALL NOT BE ANY DRAINAGE GUTTER IN FRONT OF ENTRANCE. THE UNENCUMBERED OPENING OF EIGHT FEET (8') REFERENCED IN D. ABOVE SHALL BE A LEVEL SURFACE. THE FLOOR SHALL NOT SLOPE TO THE BACK OR SIDES OF THE ENCLOSURE TO ALLOW DRAINAGE TO THE REAR OF THE AREA OR CAUSE ANY STANDING WATER WITHIN THE ENCLOSURE. IT SHALL BE CONSTRUCTED SO THE COLLECTION VEHICLE CAN DRIVE DIRECTLY INTO THE POCKETS OF THE CONTAINERS WITHOUT ANY OBSTRUCTIONS.
 - f. INGRESS AND EGRESS SHALL HAVE AN UNOBSTRUCTED OVERHEAD CLEARANCE OF SIXTEEN FEET (16') AND SHALL NOT BE LESS THAN EIGHTEEN FEET (18') WIDE AND CAPABLE OF ACCOMMODATING A TRUCK WITH A TWO HUNDRED FIFTY INCH (250") WHEELBASE, A FORTY-FOUR FOOT (44') (CENTER LINE) TURNING RADIUS AND A SUPPORT WEIGHT OF THIRTY-FIVE (35) TONS. AREA SHALL BE UNOBSTRUCTED AND SO CONFIGURED THAT A TRUCK WILL BE ABLE TO MAKE A ROUND TRIP FROM THE PUBLIC RIGHT-OF-WAY TO THE COLLECTION ARE AND RETURN WITHOUT EXCESSIVE BACKING INTO A TRAFFIC LANE OR A PUBLIC THOROUGHFARE. BACKING AROUND A BUILDING IS NOT ALLOWED. AT NO TIME SHALL A TRUCK BE REQUIRED TO BACK IN EXCESS OF FORTY-FIVE FEET (45').
 - g. BIN ENCLOSURE GATES AND SERVICE AREA SHALL NOT OPEN INTO OR BE A PART OF A PARKING STALL OR LOADING ZONE.
 - h. GATED ENTRANCE/EXIT SERVICE SITES SHALL BE AT LEAST FORTY FEET (40') AWAY FROM ENTRANCES AND EXITS TO PREVENT TRUCKS FROM STICKING OUT INTO THE ROADWAY WHILE WAITING TO ACCESS ENCLOSURE AND ALLOW TRUCKS ENOUGH SPACE TO CLEAR GATE ON EXITING WHILE WAITING TO MERGE WITH TRAFFIC.
 - i. THE ENCLOSURE(S) SHALL ACCOMMODATE REFUSE BINS, RECYCLE BINS, AND GREASE BARRELS WHEN APPLICABLE. NEITHER THE WASTE NOR RECYCLING CONTAINER SHALL BE REQUIRED TO BE MOVED IN ORDER TO SERVICE THE OTHER. GREASE BARRELS SHALL NOT BE PLACED IN THE SAME AREA OF THE ENCLOSURE WITH REFUSE OR RECYCLABLES.
 - j. OWNER/OCCUPANTS SHALL NOT USE ENCLOSURES FOR STORAGE OR PLACE ANY MATERIALS AROUND THE TRASH, RECYCLE, OR GREASE CONTAINERS.
 - k. SIGNAGE IS REQUIRED TO CLEARLY IDENTIFY ALL RECYCLING, SOLID WASTE COLLECTION, AND LOADING AREAS AND THE MATERIALS ACCEPTED THEREIN. THIS SIGNAGE SHALL BE PLACED AT ALL POINTS OF DIRECT ACCESS TO RECYCLING, SOLID WASTE, AND LOADING AREAS ON, OR ADJACENT TO, THE RECYCLABLE AND SOLID WASTE MATERIAL CONTAINERS.
 - l. SITES UTILIZING COMPACTORS AND/OR ROLL-OFFS REQUIRE SIXTY FEET (60') OF CLEARANCE IN FRONT OF THE UNIT, AND A MINIMUM OF THREE FEET (3') ON EACH SIDE, FOR LOADING AND UNLOADING.

TYPICAL REFUSE ENCLOSURE
DETAILS

REF. & REV.
NOV., 2007

CITY OF FRESNO

P-34