



Border Grooves approximately 3/4" O.C.

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "GREENBOOK", the most current edition and all supplements thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.
2. Dwg. 104, Case 3101 General Concrete Notes shall apply.
3. If distance from curb to back of sidewalk is too short to accommodate ramp and 4'-0" minimum platform as in Type A, the sidewalk may be depressed longitudinally as in Type B or C or D. Type B, C, and D also apply in curb returns where necessary.
4. If sidewalk is less than 5'-0" wide, the full width of the sidewalk shall be depressed as shown in Type C or D.
5. When ramp is located in center of curb return, crosswalk lines must be similar to those shown in Type A to accommodate wheelchairs.
6. The bottom of the ramp shall have a flush flow line lip.
7. Sidewalk and curb ramp shall be 3-1/2" 213-C-17 (470-C-2500, 5 sack, one inch maximum aggregate, 2500 psi) concrete over 6" AB 90% RC.
8. Curb ramps shall have a 12" wide border with 1/4" grooves approximately 3/4" on center at the level surface of the sidewalk. See grooving detail.
9. Curb ramps shall have a Detectable Warning Surface. See Detectable Warning Surface Notes Dwg. 106D, Case 3101.
10. Curb ramp side slope varies uniformly to a maximum of 10% at curb to conform with longitudinal sidewalk slope adjacent to top of ramp, except in Type C or D.
11. Utility pull boxes, manholes, vaults, and all other utility facilities within the boundaries of the curb ramp will be relocated by others prior to, or in conjunction with, curb ramp construction.
12. Dowel curb ramps at all cold joints in existing concrete with 10M (#3) rebars 12" long at 36" intervals. Drive tight fit or epoxy. Expansion joints and/or Weakened-plane joints shall separate curb ramps in new concrete construction.
13. All slopes relative to (E) street grades.
14. TRUNCATED DOMES - GENERAL: Wheelchair Curb Cut Ramps shall have a prefabricated Detectable Warning Surface installed on ramp surface consisting of tile(s) with raised truncated domes conforming to the details on this standard plan and shall be in conformance with the requirements established by the Department of General Services, Division of State Architect; and the American with Disabilities Act (Title 49 CFR Transportation, Part 37.9 Standards for Accessible Transportation Facilities, Appendix A, Section 4.29.2 Detectable Warnings on Walking Surfaces) and shall be cast in place in conformance with the manufacturer's cast in place recommendations. Detectable Warning Surface shall extend the full width and 3'-0" depth of the ramp. The edge of the detectable warning surface nearest the street shall be between 6" and 8" from the gutter flowline. When a detectable surface edge and/or domes is cut and the resulting edge is not flush with the surface of the ramp, the edge shall be beveled or conformed with perimeter sealant at 1:2 maximum slope in accordance with the manufactures requirements.

Manufacturer(s) shall provide a written 5-year warranty for prefabricated detectable warning surfaces, guaranteeing replacement when there is defect in the dome shape, color fastness, sound-on-cane acoustic quality, resilience, or attachment. Warranty period shall begin upon acceptance of work.

ACAD FILE NO. C3101D106C Rev5.DWG

CITY OF SAN LEANDRO * STANDARD PLANS

NO.	REVISIONS	DATE	BY	APPROVED									
1	Deleted all Metric dimensions	4/24/12	AMS	 Kenneth Joseph, City Engineer R.C.E. No.34870 Expires 9/30/13									
WHEELCHAIR CURB CUT RAMP NOTES													
DRAWN	GF/MLWH/VL	CHECKED	KJ/KRC	DATE	June 2004	SCALE	NONE	SHEET	3 OF 4	DWG. NO.	106C	CASE.	3101