

NOTES

1. IF DISTANCE FROM CURB TO BACK OF SIDEWALK IS TOO SHORT TO ACCOMODATE RAMP AND 4 ft. PLATFORM (LANDING) AS IN CASE A, THE SIDEWALK MAY BE DEPRESSED LONGITUDINALLY AS IN CASE B OR C OR MAY BE WIDENED AS IN CASE D.
2. IF SIDEWALK IS LESS THAN 6 ft. WIDE, THE FULL WIDTH OF THE SIDEWALK SHALL BE DEPRESSED AS SHOWN IN CASE C.
3. WHEN RAMP IS LOCATED IN CENTER OF CURB RETURN, CROSSWALK CONFIGURATION MUST BE SIMILAR TO THAT SHOWN FOR CASE E TO ACCOMMODATE WHEELCHAIRS.
4. FOR CASES F AND G, THE LONGITUDINAL PORTION OF THE SIDEWALK MAY NEED TO BE DEPRESSED AS SHOWN IN CASE B.
5. IF LOCATED ON A CURB THE SIDES OF THE RAMP NEED NOT BE PARALLEL, BUT THE MINIMUM WIDTH OF THE RAMP SHALL BE 4 ft..
6. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
7. SIDEWALK AND RAMP THICKNESS, "T", SHALL BE 4 in. MINIMUM.
8. THE RAMP SHALL HAVE A 12 in. WIDE BORDER WITH 1/4 in. GROOVES APPROXIMATELY 3/4 in. ON CENTER. SEE GROOVING DETAIL.
9. WHEN DETECTABLE WARNING SURFACE IS NOT REQUIRED ON A CURB RAMP, THE CONCRETE FINISH OF THE RAMP AND ITS FLARED SIDES SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
10. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF 10% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP, EXCEPT IN CASE C.
11. UTILITY PULL BOXES, MANHOLES, VAULTS AND ALL OTHER UTILITY FACILITIES WITHIN THE BOUNDARIES OF THE CURB RAMP WILL BE RELOCATED OR ADJUSTED TO GRADE BY THE OWNER PRIOR TO, OR IN CONJUNCTION WITH, CURB RAMP CONSTRUCTION.
12. MAXIMUM SLOPES OF ADJOINING GUTTER, THE ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP AND CONTINUOUS PASSAGE TO THE CURB RAMP SHALL NOT EXCEED 5 PERCENT WITHIN 4 ft. OF THE TOP OR BOTTOM OF THE CURB RAMP.
13. CONCRETE SHALL BE 560-C-3250.
14. RETROFITS – WHEN A WHEELCHAIR RAMP IS ADDED TO AN EXISTING FACILITY, THE CHANGES ARE PERMITTED:
 - (A) RAMP GRADE IN CASE "C" MAY BE INCREASED TO 4%.
 - (B) OTHER RAMP GRADES MAYBE INCREASED TO A MAXIMUM OF 11.1% (NEVERTHELESS, THEY SHOULD BE AS FLAT AS FEASIBLE.
 - (C) WHERE THE 4 FOOT PLATFORM IS NOT FEASIBLE, THE WIDTH MAY BE DECREASED TO 3 FOOT.
 - (D) THE PLATFORM MAY BE ELIMINATED IF THE GRADE DOES NOT EXCEED 8.33%.
15. RASIED TRUNCATED DOMES SHALL BE DARK GREY IN COLOR AND SHALL BE "TERRA PAVING" AS MANUFACTURED BY WAUSAU TILE, INC. OF WISCONSIN OR EQUAL.
16. DETECTABLE WARNING SURFACES SHALL EXTEND 36 INCHES MINIMUM IN THE DIRECTION OF TRAVEL AND THR FULL WIDTH OF THE CURB RAMP.

NOTE: ADAPTED FROM CALTRANS CURRENT STANDARDS PLANS FOR UP-TO-DATE REQUIREMENTS.

CITY OF NEWPORT BEACH PUBLIC WORKS DEPARTMENT	APPROVED:			
CURB ACCESS RAMP NOTES	_____ DIRECTOR OF PUBLIC WORKS R.C.E. NO. 36106			
	DATE	11/17/06	SCALE	N.T.S.
	DRAWN	R. OKADA	STD-181-L-C	