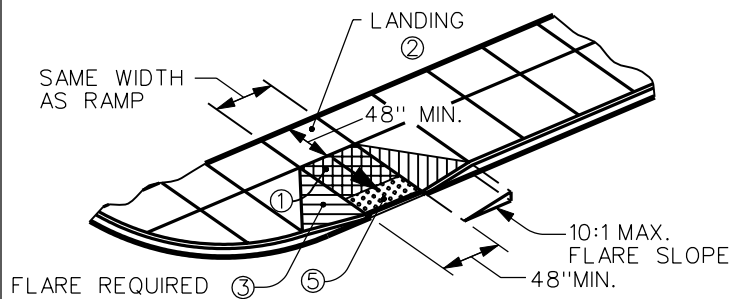
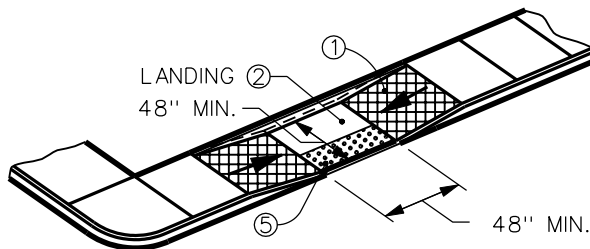


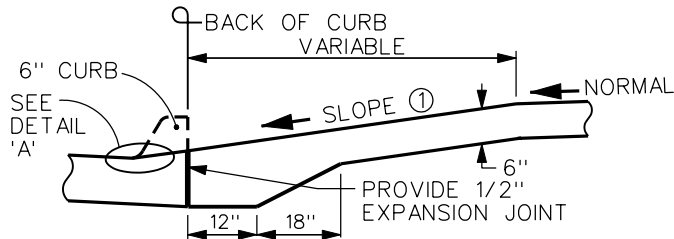
URBAN STANDARD SPECIFICATIONS for PUBLIC IMPROVEMENT MANUAL



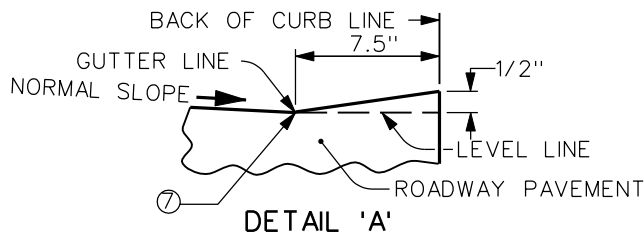
**PERPENDICULAR RAMP
(FOR CLASS 'A' SIDEWALK)**



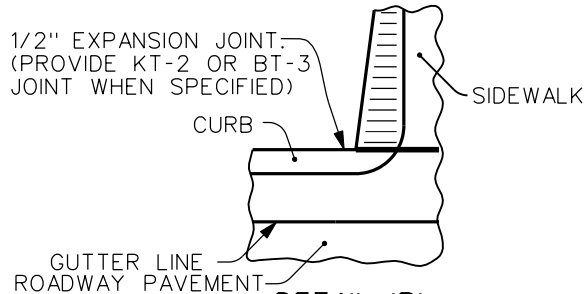
**PARALLEL RAMP
(FOR CLASS "A" SIDEWALK)**
(FOR USE WITH RESTRICTED RIGHT-OF-WAY)
(ALL RAMP SLOPE WITHIN SIDEWALK)



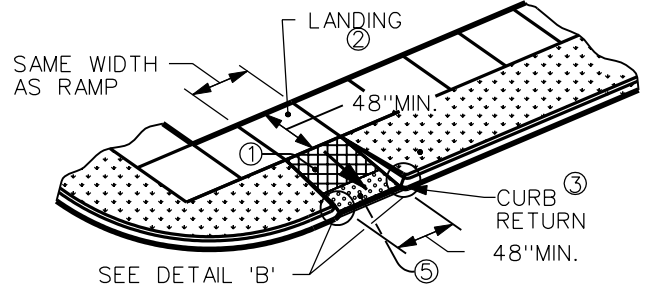
**TYPICAL SECTION
(PERPENDICULAR & COMBINATION RAMPS)**



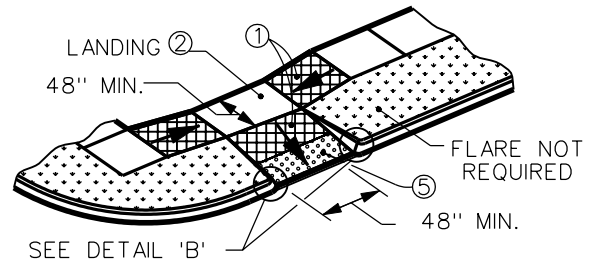
DETAIL 'A'



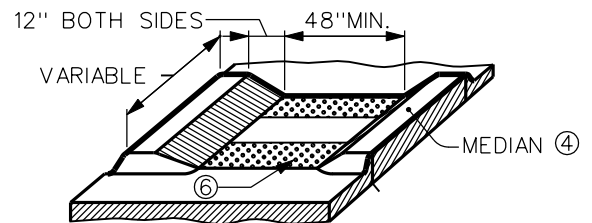
**DETAIL 'B'
(CURB RETURN)**



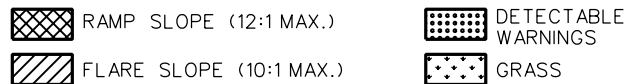
**PERPENDICULAR RAMP
(FOR CLASS "B" & "C" SIDEWALK)**



**COMBINATION RAMP
(FOR CLASS "B" & "C" SIDEWALK)**
(FOR USE WITH RESTRICTED RIGHT-OF-WAY)
(PART OF RAMP SLOPE PARALLEL TO
SIDEWALK AND PART PERPENDICULAR TO
SIDEWALK)



ACCESS AT CURBED MEDIANS



NOTES:
IF CROSSWALKS ARE MARKED, THE RAMPS, EXCLUSIVE OF FLARES, MUST BE WHOLLY LOCATED WITHIN THE CROSSWALK MARKINGS.

- ① MAXIMUM RAMP SLOPE IS 12:1 (8.33%). (DOES NOT APPLY AT MID-BLOCK CROSSINGS FOR PARALLEL RAMPS OR THE PARALLEL PORTION OF COMBINATION RAMPS)
- ② MAXIMUM LANDING SLOPE IN ANY DIRECTION IS 50:1 (2%). (DOES NOT APPLY TO MID-BLOCK CROSSINGS)
- ③ FLARE REQUIRED IF RAMP IS CONTIGUOUS WITH SIDEWALK.
- ④ PROVIDE 2% CROSS SLOPE ACROSS MEDIAN FOR DRAINAGE. FOR WIDE MEDIANS (12' OR GREATER), CURB RAMPS MAY BE USED AT BOTH SIDES WITH A 48" X 48" MIN. LANDING IN BETWEEN.
- ⑤ A 24" WIDE (MIN.) STRIP OF DETECTABLE WARNINGS SHALL BE INSTALLED AT THE BOTTOM OF RAMP. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACE, EITHER LIGHT ON DARK OR DARK ON LIGHT. (REFER TO FIGURE 7030.14)
- ⑥ FOR CROSSINGS CONTROLLED BY SIGNALS AND TIMED FOR FULL CROSSING, DETECTABLE WARNINGS ARE NOT REQUIRED AT MEDIANS
- ⑦ MAXIMUM ALLOWABLE GRADE BREAK BETWEEN CURB RAMP AND GUTTER SHALL BE 13%.

5	10/18/05	
REV.	DATE	BY
DATE: 01-01-98		

TYPES OF PEDESTRIAN RAMPS OUTSIDE OF INTERSECTION RADIUS

FIGURE: 7030.9

SHEET 1 OF 1