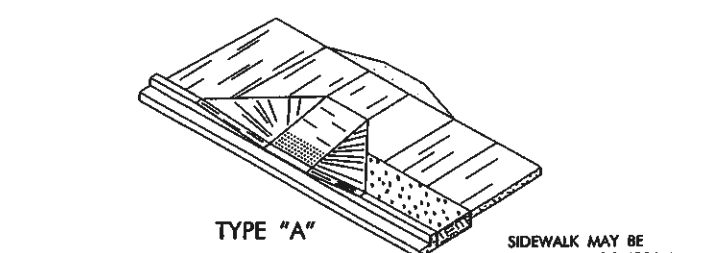
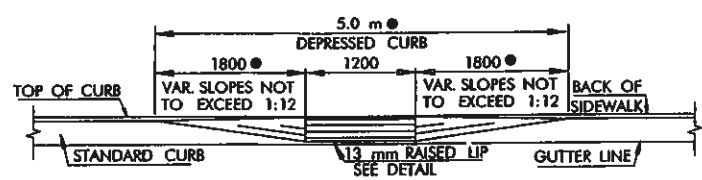
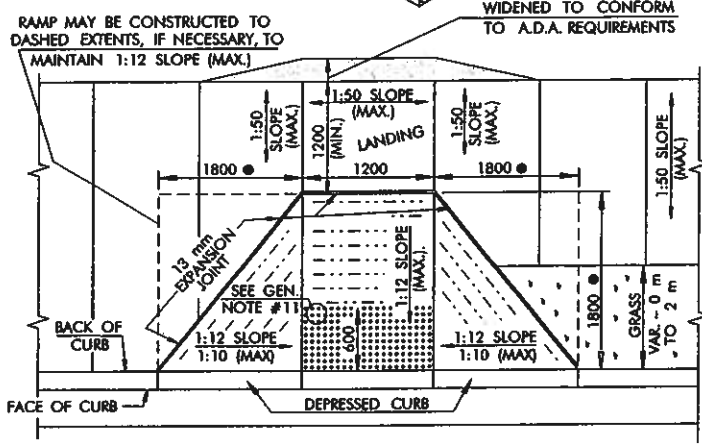


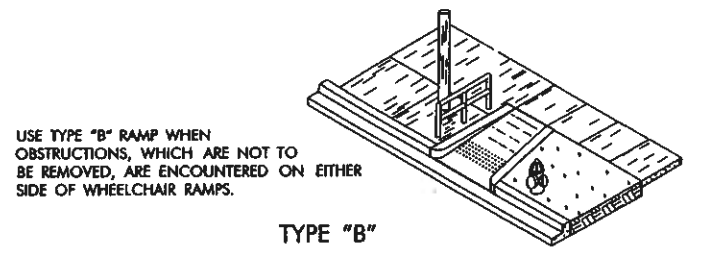
DESCRIPTION	REVISIONS	DATE
RE-ISSUE W/METRIC 1999 SPECS.		
Update to ADA Specs., Add G.Note #10	lpc 7/99	
Add New Tactile Warning Details, Notes lpc 11/02		
Rev. Tactile Warning Det's, Add Note #11	lpc 6/05	
Ramp Orientation of Crosswalks	rh 8/08	



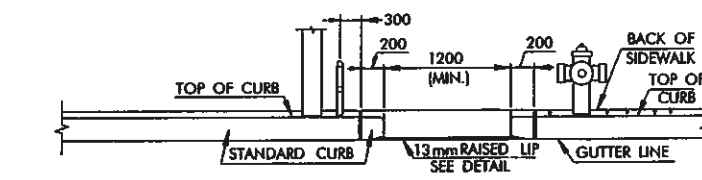
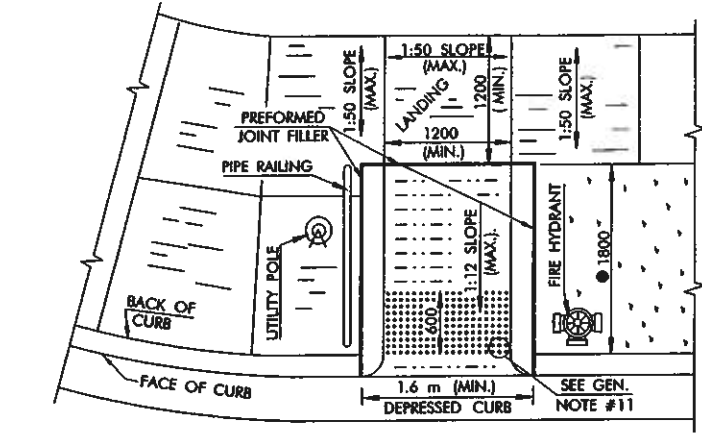
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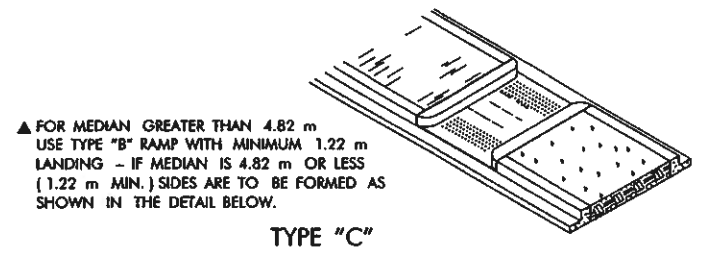
ELEVATION



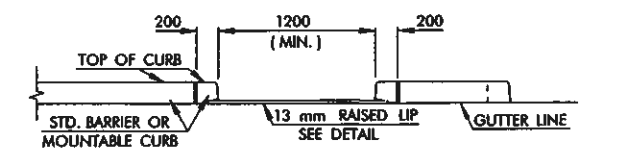
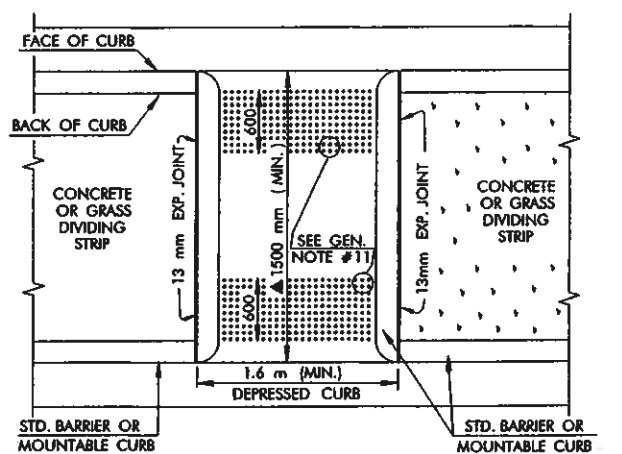
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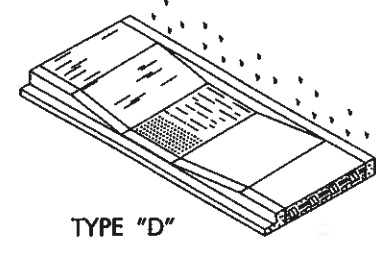
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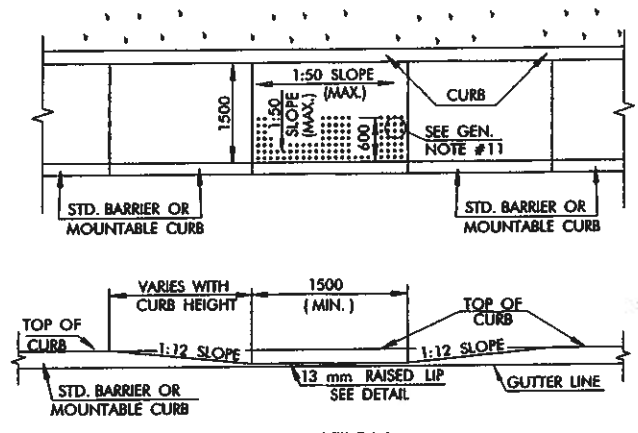
TYPE "C"



ELEVATION



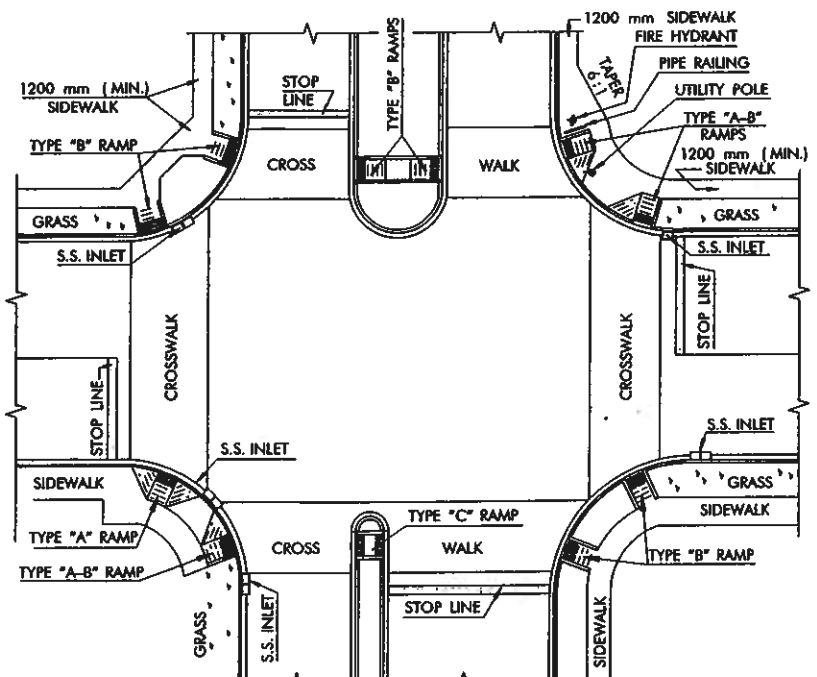
TYPE "D"



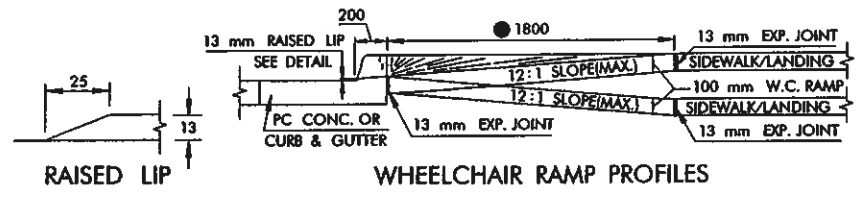
ELEVATION

GENERAL NOTES

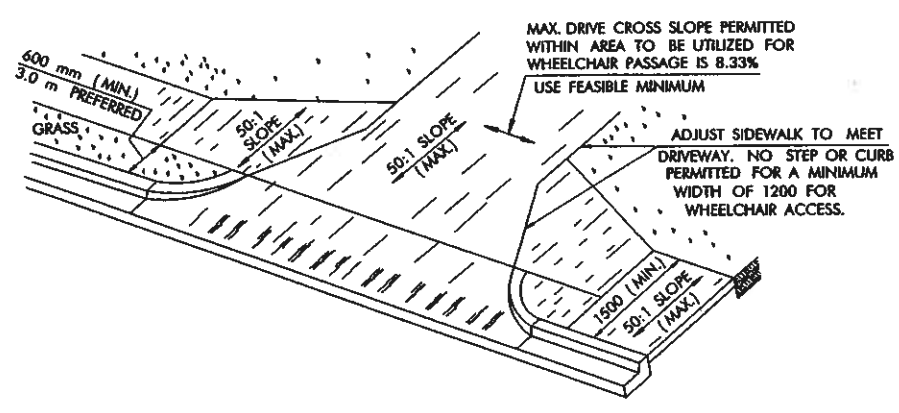
1. THERE WILL BE NO DEDUCTION OF PAYMENT FOR CONCRETE CURB & GUTTER AND/OR INTEGRAL CURB FOR THE LENGTH OF THE DEPRESSED CURB.
2. RAMP DIMENSIONS SHOWN ARE BASED ON CURB HEIGHT OF 150 mm. DIMENSIONS SHOULD BE ADJUSTED FOR OTHER CURB HEIGHTS. MAXIMUM PERMISSIBLE RUNNING SLOPES FOR WHEELCHAIR RAMPS IS 1:12 OR 8.33%, RAMP SLOPE MAY BE 1:10 (MAX.) ALONG FACE OF TAPERED CURB.
3. TRANSVERSE GROOVING SHALL BE REQUIRED ON RAMPS, AS SHOWN ON THIS SHEET. SEE 1999 METRIC STANDARD SPECIFICATIONS, SECTION 414.04(k).
4. DRAINAGE STRUCTURES SHALL NOT BE PLACED IN LINE WITH THE RAMPS.
5. THE NORMAL GUTTER LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP WITH A 1:50 SLOPE (MAX.). SEE NOTE NO. 10.
6. WHEELCHAIR RAMPS SHOULD BE LOCATED SO THAT THE RAMP WILL BE ON THE TRAFFIC APPROACH SIDE OF ANY OBSTACLE.
7. WHEELCHAIR RAMPS SHOULD BE BUILT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE TYPE OF RAMP WILL BE DESIGNATED ON THE PLANS. IF A RAMP IS TO BE CONSTRUCTED AS A COMBINATION OF TWO TYPES, (ONE SIDE TYPE A AND ONE SIDE TYPE B) THE RAMP SHALL BE DESIGNATED AS TYPE A-B.
8. PIPE RAILING CONSTRUCTION DETAILS, WHEN REQUIRED AT TYPE "B" WHEEL CHAIR RAMPS, WILL BE SHOWN ON THE PLANS.
9. EXCAVATION, BACKFILL, EXPANSION JOINT MATERIAL, SEALERS, AND OTHER RELATED MISCELLANEOUS ITEMS WILL NOT BE PAID FOR SEPARATELY BUT THE COST THEREOF SHALL BE INCLUDED IN THE COST OF THE SIDEWALK.
10. ALL FEATURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURB RAMPS AND CROSSWALK MARKINGS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, ACCESSIBILITY GUIDELINES (ADAAG). WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THE ADAAG, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURE(S). THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK WHICH IS NOT IN FULL COMPLIANCE WITH THE ADAAG WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF THE ADAAG, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
11. WHEN TACTILE WARNING DEVICES ARE REQUIRED, A SPECIAL CONSTRUCTION STANDARD DRAWING OR DETAIL SHEET WILL BE INCLUDED IN THE PLANS.



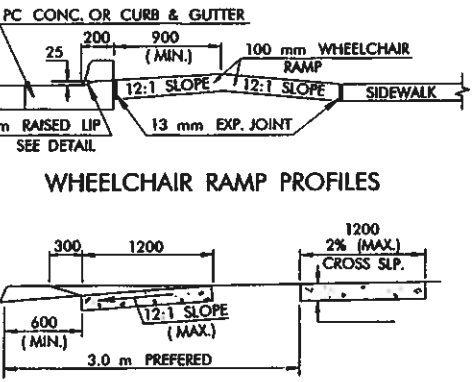
THE ABOVE EXAMPLES ARE TYPICAL ONLY AND ARE SHOWN TO ILLUSTRATE POSSIBLE RAMP TYPES, POSSIBLE RAMP LOCATIONS, POSSIBLE INLET LOCATIONS, AND HOW THE RAMP WILL BE DESIGNATED ON THE PLANS. CARE SHOULD BE EXERCISED TO ASSURE THAT MEDIAN RAMP AND CURB RAMP LINE UP, AND THAT RAMPS THROUGHOUT A PROJECT ARE LOCATED WITH SOME DEGREE OF UNIFORMITY.



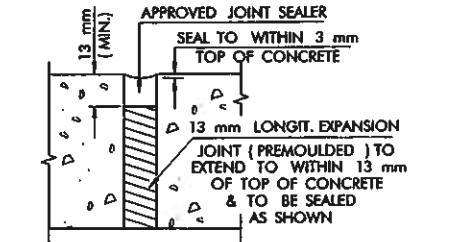
WHEELCHAIR RAMP PROFILES



13 mm EXPANSION JOINT



WHEELCHAIR RAMP PROFILES



13 mm EXPANSION JOINT

JOINT FILLER SHALL MEET THE REQUIREMENTS OF SECTIONS 701.08(b) AND 701.08(e) OF THE 1999 ENGLISH STANDARD SPECIFICATIONS. JOINT FILLER SHALL BE USED BETWEEN SIDEWALK AND CURBS, WHEELCHAIR RAMPS, DRIVEWAYS, STREETS, RETAINING WALLS, ETC.

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
610.06(A)	13 mm CONCRETE SIDEWALK	SQ. METER
622.06(A)	PIPE RAILING	METER

■ SIDEWALK THICKNESS SHALL BE SPECIFIED IN MILLIMETERS.

APPROVED BY ROADWAY ENGINEER *Timothy A. Rogers* DATE 6/24/08

OKLAHOMA DEPT. OF TRANSPORTATION
ROADWAY STANDARD (METRIC)
WHEELCHAIR RAMPS

1999 SPECIFICATIONS WCR-2 03M
ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED. R-98M