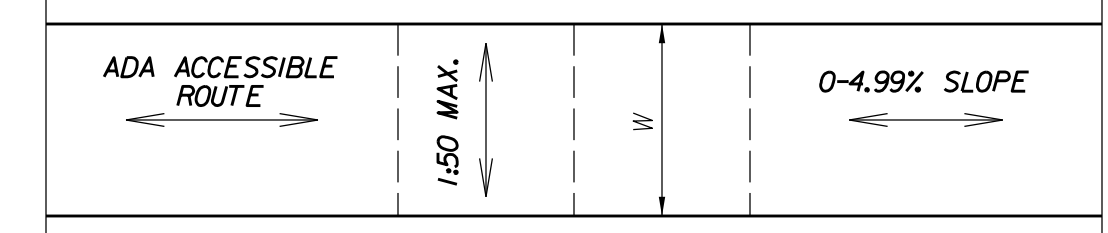


	BY	DATE
SURVEY:		
DESIGNED:	Richard Hayden	2/24/2010
DRAWN:	Richard Hayden	2/24/2010
CHECKED:		

**ADA ACCESSIBLE ROUTES**



ALL ADA ACCESSIBLE ROUTES SHALL CONFORM TO THE GRADES SHOWN ON THIS SHEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.  
 FOR SIDEWALK REPAIR AND MAINTENANCE, MATCH THE EXISTING SIDEWALK WIDTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.  
 FOR NEW CONSTRUCTION, THE MINIMUM WIDTH "W" FOR AN ADA ACCESSIBLE ROUTE SHALL BE 6'-0" WHEN ADJACENT TO THE CURB AND 5'-0" IN ALL OTHER LOCATIONS.  
 THE WIDTH OF RAMPS AND TRUNCATED DOME STRIPS SHALL MATCH THE WIDTH OF THE ADA ACCESSIBLE ROUTE IT SERVES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

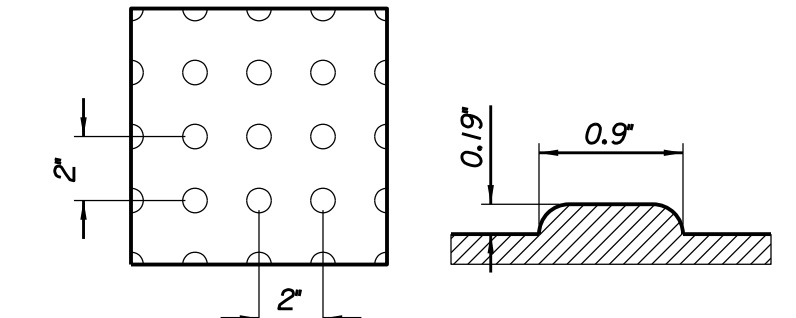
**CURB & GUTTER**

**NORMAL C & G** SHALL BE THE TYPICAL CURB & GUTTER SPECIFIED ON THE PLANS AND TYPICAL SECTIONS FOR THIS PROJECT.  
**T\*** DENOTES THE TRANSITION FROM THE NORMAL CURB & GUTTER SECTION TO THE ADA CURB & GUTTER SECTION.  
**ADA C & G** SHALL BE SIMILAR TO THE ENTRANCE CURB & GUTTER PROFILE. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT THE SURFACE DOES NOT HOLD WATER OR HAVE ANY VERTICAL SURFACES WHICH MIGHT IMPEDE TRAVEL OF A WHEELCHAIR OR CREATE A TRIPPING HAZARD.

**DETECTABLE WARNINGS - TRUNCATED DOMES**

THE METHOD OF CONSTRUCTION OF THE DETECTABLE WARNING SECTION SHALL BE SUBMITTED TO THE ENGINEER IN WRITING AND APPROVED PRIOR TO CONSTRUCTION.

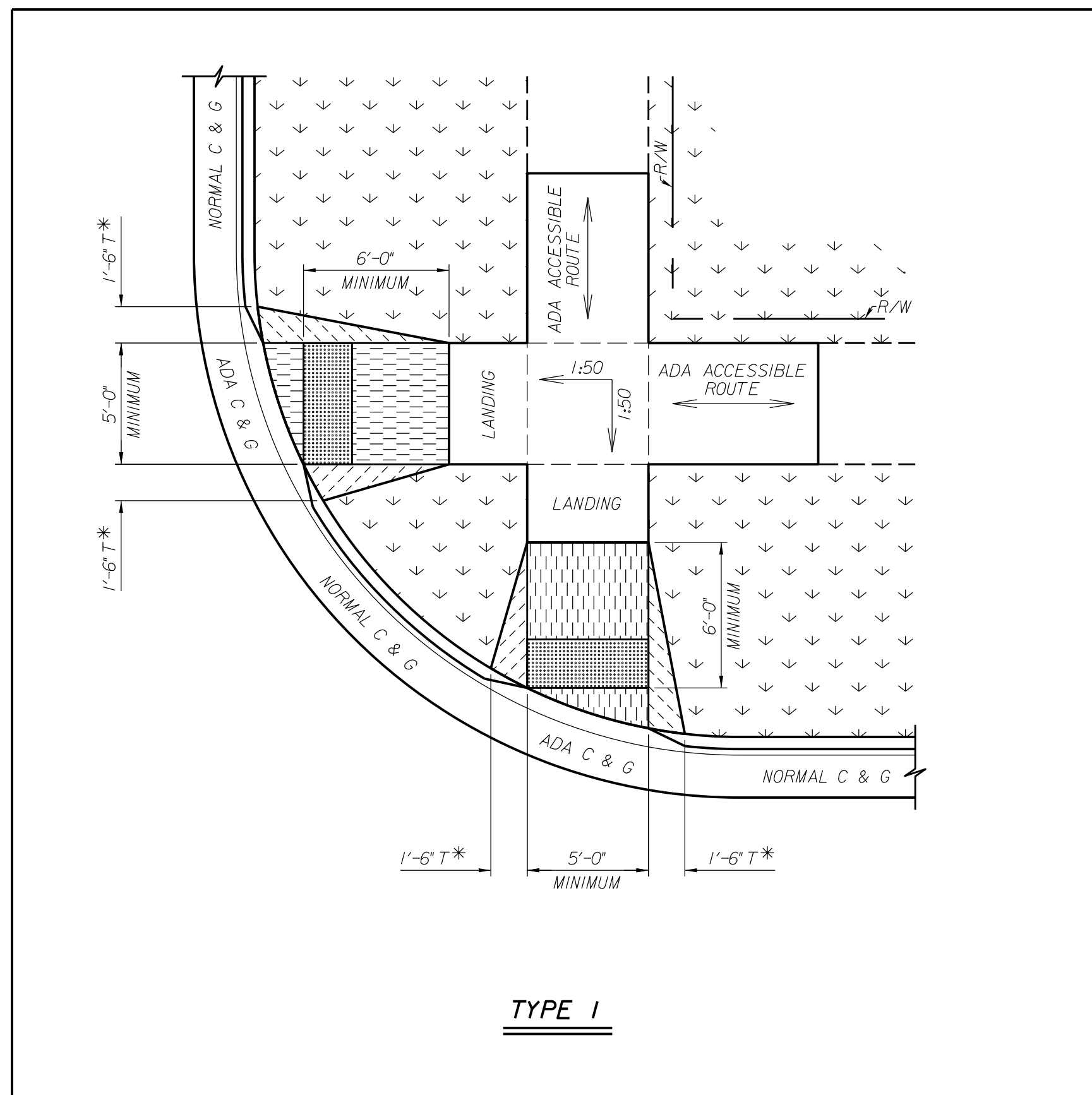
THE DETECTABLE WARNING SECTION SHALL BE 2 FEET LONG AND THE FULL WIDTH OF THE RAMP AS SHOWN.



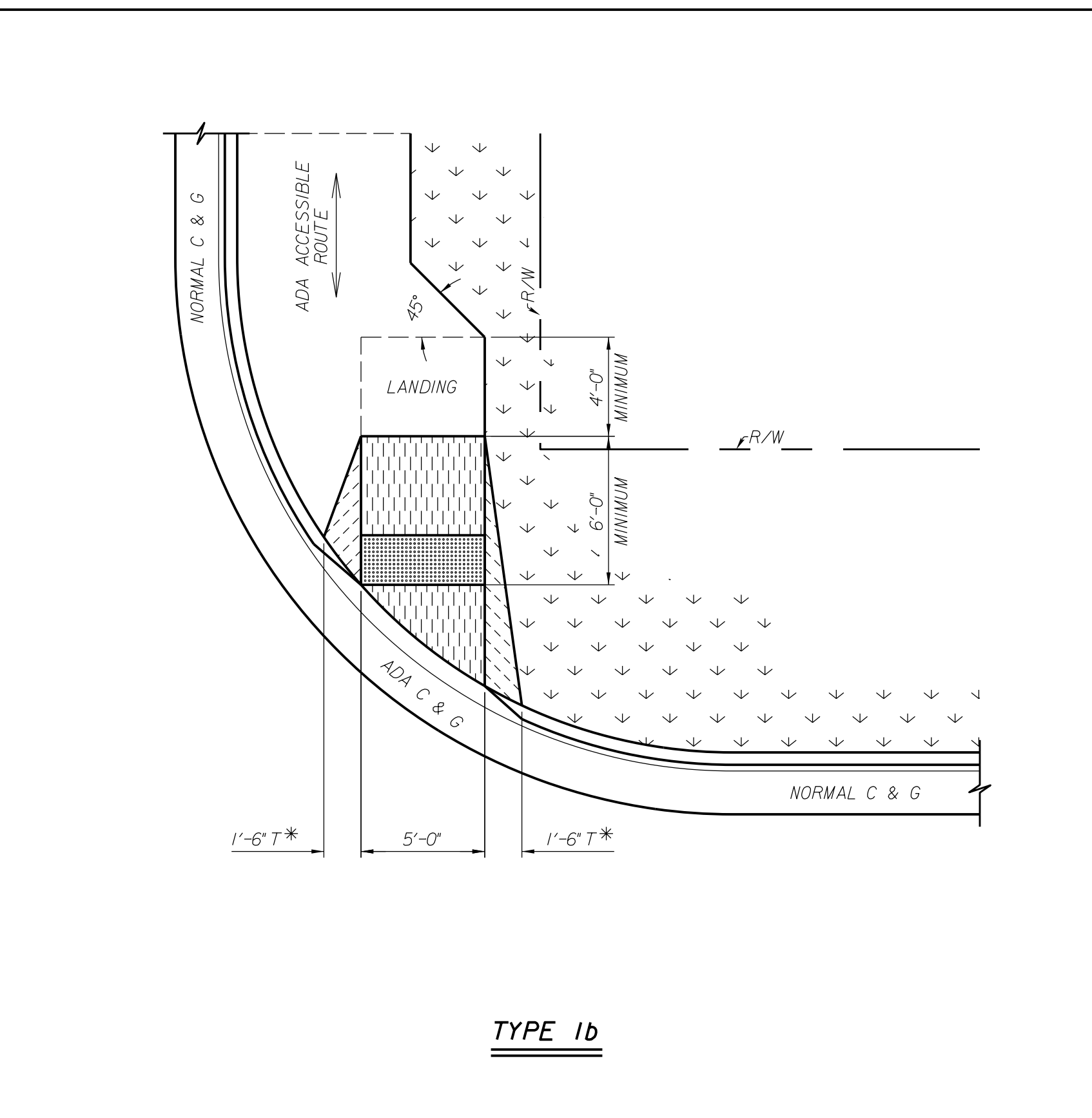
THE DETECTABLE WARNING SECTION SHALL BE CONSTRUCTED AT 90° TO THE DIRECTION OF TRAVEL FOR THE ADA ACCESSIBLE ROUTE FOR ALL TYPE I ADA RAMPS.

**GENERAL NOTES**

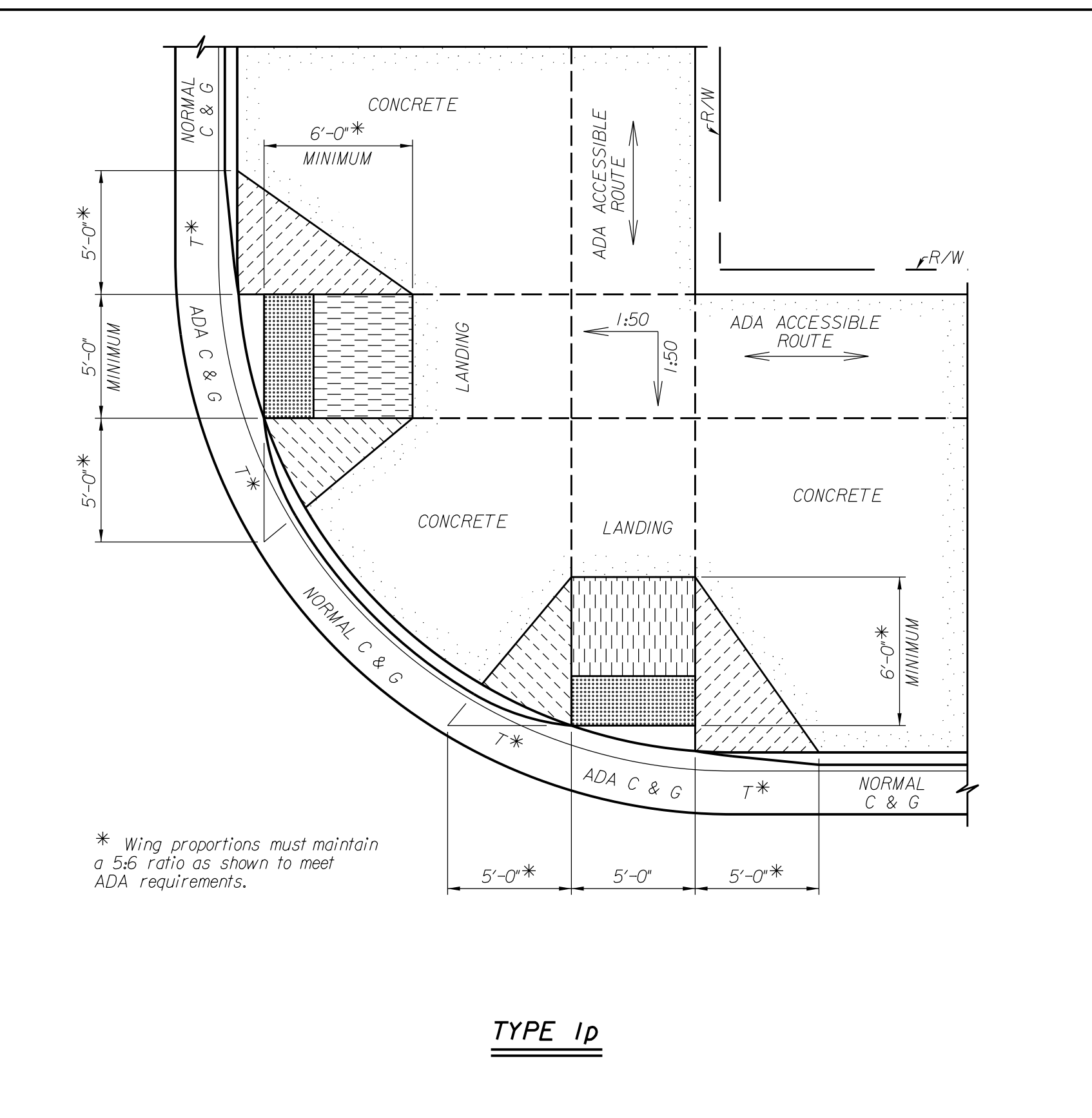
Concrete used shall be "City Mix 6 Sack" throughout. Welded wire reinforcement (W1.4xW1.4x6x6) shall be required in all sidewalks. Wire shall be installed using wire supports, chairs or during concrete placement to ensure placement at the approximate center of the sidewalk thickness.  
 The lowest type of ramp should be used for construction. Type II or III ramps should only be used when specifically called for on the plans or directed by the ENGINEER.  
 Handicap ramps shall be constructed to a minimum thickness of six inches (6"). Handicap ramps shall be measured and paid under the bid item "Sidewalk Construction" as provided in the contract documents. If the handicap ramp is placed continuously with sidewalk of a different thickness, the quantity of "Sidewalk Construction" shall be measured to the dimensions shown on this sheet for the type of ramp constructed.  
 The quantity of "Sidewalk Construction" shall be measured by the square yard of completed work of the specified thickness.  
 Smooth bars shall be used through all expansion joints. Handicap ramps should be tied to the curb and gutter with #4 bars on 24" centers drilled a minimum of 6" into the curb and gutter.  
 All dimensions shown are minimum unless otherwise noted. Final dimensions for construction may be expanded by the CONTRACTOR or as directed by the ENGINEER to meet ADAAG requirements.



**TYPE I**

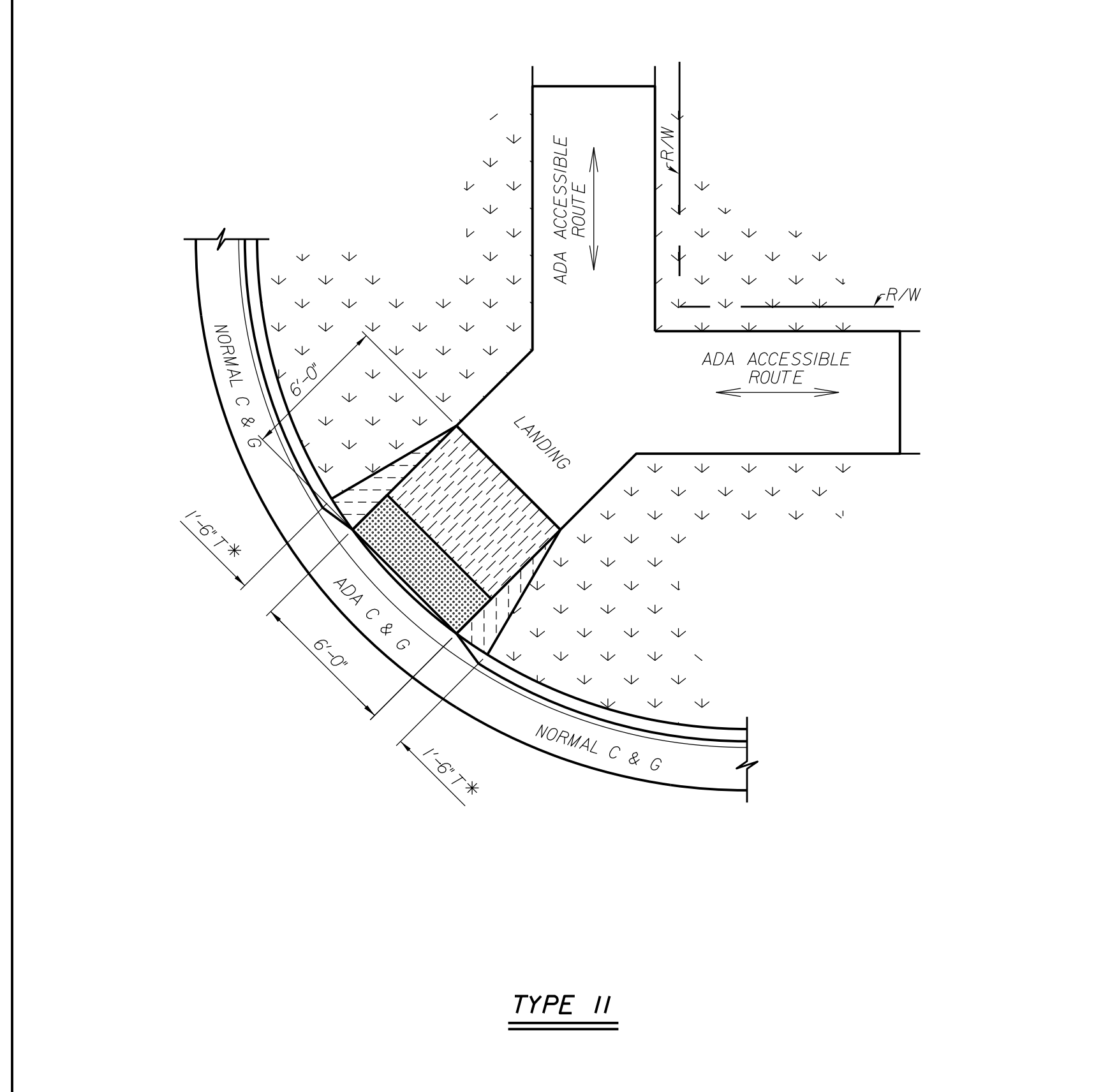


**TYPE I b**

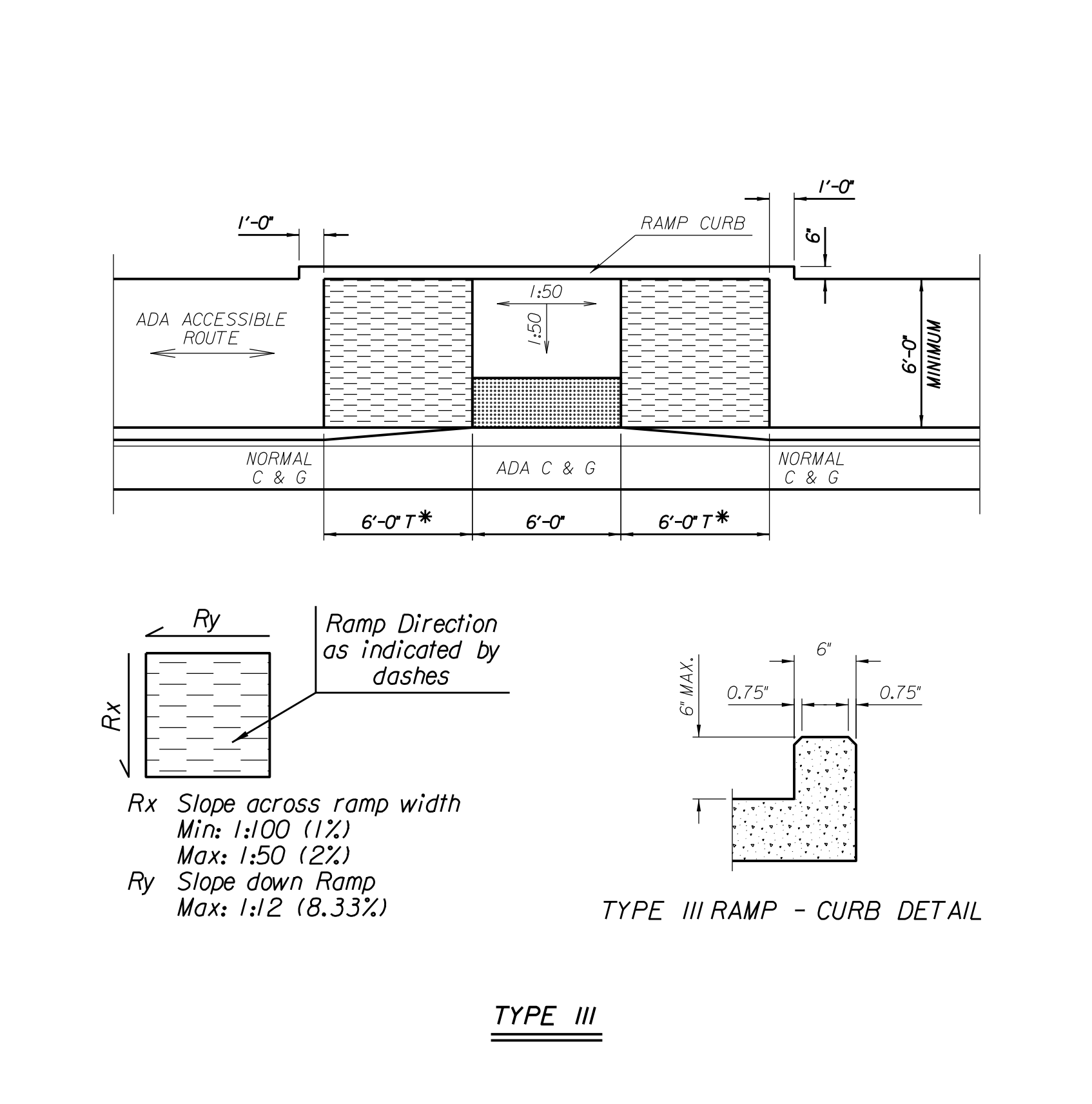


**TYPE I d**

\* Wing proportions must maintain a 5:6 ratio as shown to meet ADA requirements.



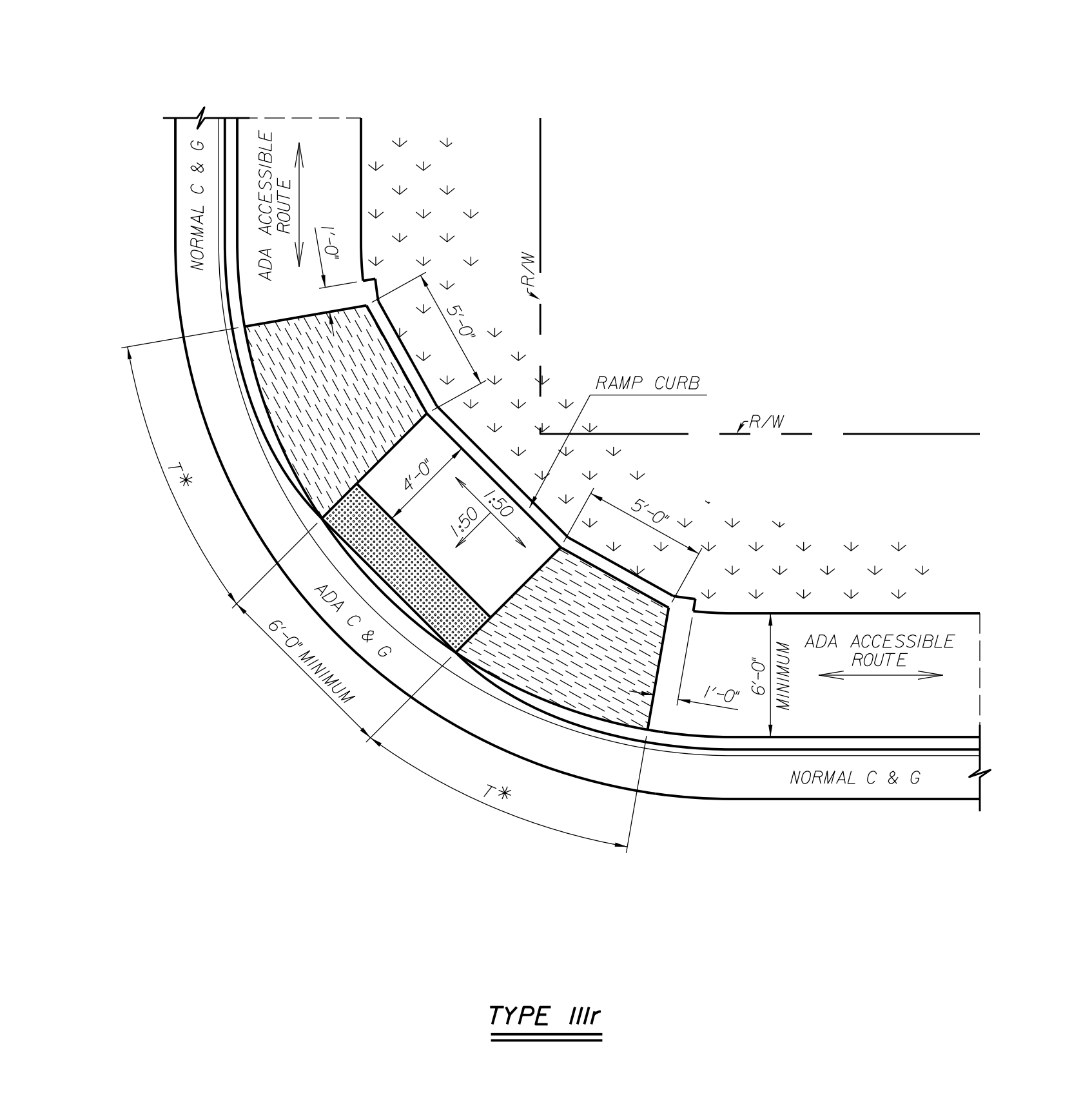
**TYPE II**



**TYPE III**

Ramp Direction as indicated by dashes  
 Rx Slope across ramp width  
 Min: 1:100 (1%)  
 Max: 1:50 (2%)  
 Ry Slope down Ramp  
 Max: 1:12 (8.33%)

**TYPE III RAMP - CURB DETAIL**



**TYPE III d**

Project Desc: HANCOCK STREET 2012  
 Project Number: CIP-0007  
 Design File: I:\Public Works\CIP-0007\_HancockSt2012\F-16\_PlanPreparation\dwg\Final\SidewalkRamps.dgn  
 Date Plotted: 4/13/2012  
 Plotted By: RichardDH



REVIEWED BY	DATE	APP'D	DATE	REVISION	BY	APP'D

**FINAL PLANS**  
 APPROVED FOR CONSTRUCTION

HANCOCK STREET 2012  
 HARTUP ST TO PARK ST  
 MCPHERSON MIDDLE SCHOOL

ADA RAMP DETAILS  
 AMERICANS WITH DISABILITIES ACT  
 RAMP AND SIDEWALK DETAILS

PROJECT NO:	CIP-0007	FILE:	SidewalkRamps.dgn
WORK ORDER NO:	E-16	PLOT BY:	RichardDH
CONSTR COMPL:		PLOT DATE:	4/13/2012
FIELD REVISIONS:		SHEET	20 OF 38