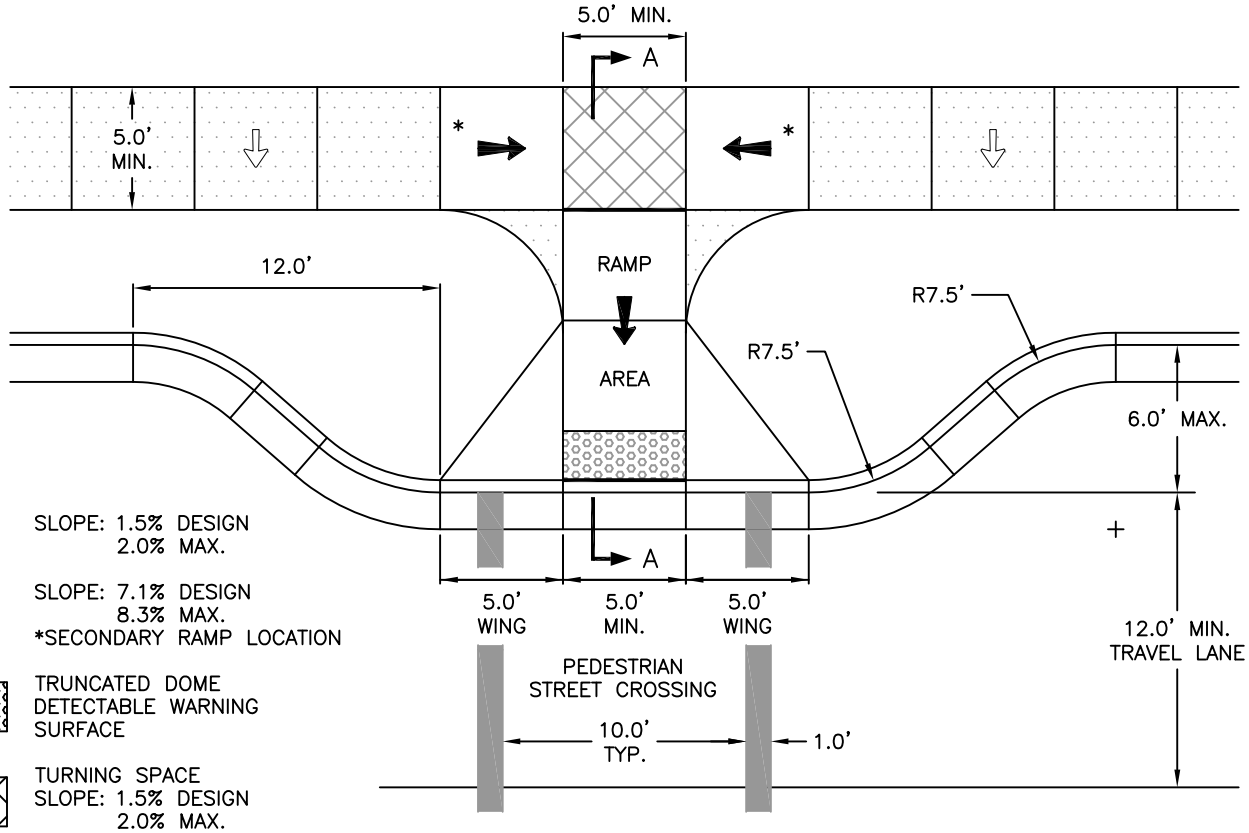
This Detail Drawing may not be altered or changed in any manner except by the City Engineer. It is the responsibility of the user to acquire the most current version.



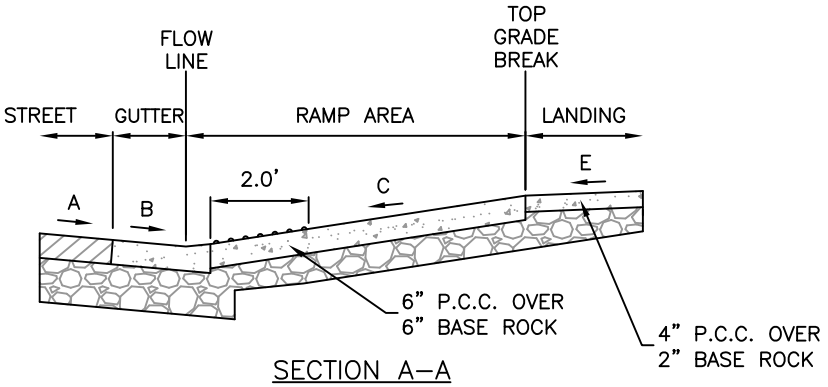
SLOPE: 1.5% DESIGN
2.0% MAX.

SLOPE: 7.1% DESIGN
8.3% MAX.
*SECONDARY RAMP LOCATION

TRUNCATED DOME DETECTABLE WARNING SURFACE

TURNING SPACE
SLOPE: 1.5% DESIGN
2.0% MAX.

CROSS SLOPE OF TURNING AREA, RAMP AREA, AND PEDESTRIAN STREET CROSSING SHALL NOT BE GREATER THAN THE SLOPE OF THE ADJACENT ROADWAY.



SECTION A–A

SLOPE	A	B*	C*,*	D
DESIGN	2.0%	2.0%	7.1%	1.5%
MAXIMUM	4.0%	5.0%	8.3%	2.0%

*THE ALGEBRAIC DIFFERENCE BETWEEN B & C SHALL NOT EXCEED 11.0%.
*THE MINIMUM SLOPE FOR THE PRIMARY RAMP AREA IS 4.9%

GENERAL NOTES:

1. SIDEWALK RAMPS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH "PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT–OF–WAY" (PROWAG), JULY 2011 EDITION.
2. SIDEWALK RAMPS SHALL BE LOCATED PERPENDICULAR TO THE CURBLINE AND TO MINIMIZE OUT–OF–DIRECTION TRAVEL WHILE MAINTAINING PEDESTRIAN VISIBILITY AND MINIMIZING STREET CROSSING DISTANCES.
3. PROVIDE CURB EXTENSION AT MID–BLOCK PEDESTRIAN STREET CROSSINGS WITH ON–STREET PARKING.
4. CONCRETE SHALL BE COMMERCIAL MIX, MIN. COMPRESSIVE STRENGTH OF 3300 PSI AT 28 DAYS.
5. BASE ROCK SHALL CONSIST OF 3/4"–0 CRUSHED ROCK COMPACTED TO 95% OF AASHTO T–180.
6. BASE ROCK SHALL BE THOROUGHLY WATERED IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE WHEN THE MEASURED OR FORECASTED ASCENDING AIR TEMPERATURE IS 80 DEGREES OR GREATER.
7. TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE INSTALLED THE FULL WIDTH OF THE RAMP AND CONSIST OF (BLACK) ADA SOLUTIONS CAST–IN–PLACE OR APPROVED EQUAL.
8. ON STEEP SLOPES, SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 8.3% OR MAXIMUM LENGTH OF 15 FEET CONSTRUCTED AT CONSTANT SLOPE.
9. SIDEWALK RAMPS SHALL HAVE A MINIMUM WIDTH OF 5 FEET. WHERE SIDEWALK RAMPS ARE USED TO PROVIDE BICYCLE ACCESS, THE MINIMUM RAMP WIDTH SHALL BE 8 FEET.

Mid-Block Perpendicular Sidewalk Ramp			CITY OF WILSONVILLE
DRAWING NUMBER: RD-1130	DRAWN BY: ZW	SCALE: N.T.S.	
FILE NAME: RD-1130.DWG	APPROVED BY: PN	DATE: 3/22/19	PUBLIC WORKS STANDARDS