

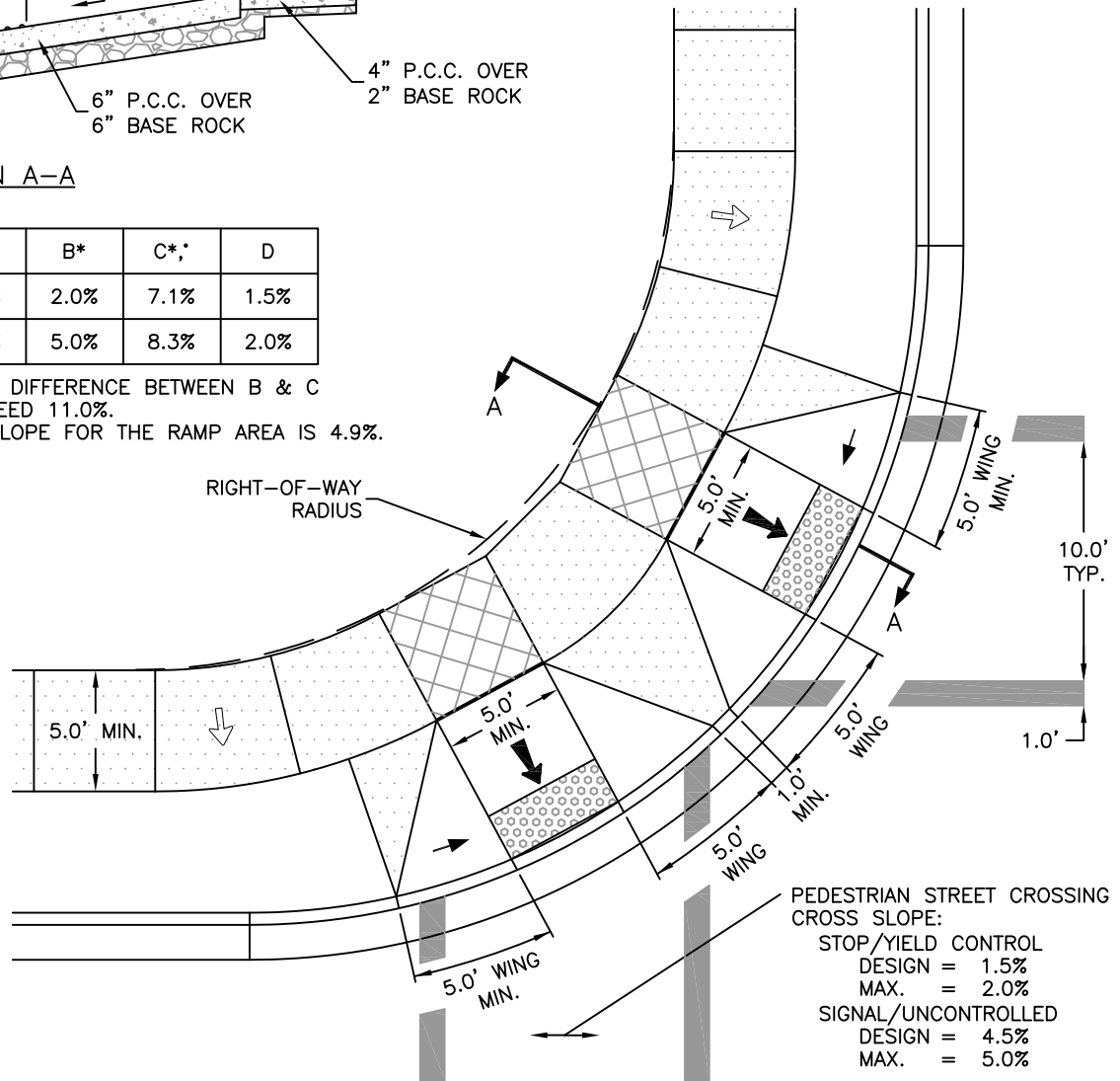


SECTION A-A

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 RAMP AREA IS 4.9%.

- ← FLARE SLOPE 10% MAX.
- ↖ SLOPE: 1.5% DESIGN 2.0% MAX.
- ↙ SLOPE: 7.1% DESIGN 4.9% MIN. 8.3% MAX.
-  TRUNCATED DOME DETECTABLE WARNING SURFACE
-  TURNING SPACE SLOPE: 1.5% DESIGN 2.0% MAX.



PEDESTRIAN STREET CROSSING  
 CROSS SLOPE:  
 STOP/YIELD CONTROL  
 DESIGN = 1.5%  
 MAX. = 2.0%  
 SIGNAL/UNCONTROLLED  
 DESIGN = 4.5%  
 MAX. = 5.0%

GENERAL NOTES:

- 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.
- 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.
- CONCRETE SHALL BE COMMERCIAL MIX, MIN. COMPRESSIVE STRENGTH OF 3300 PSI AT 28 DAYS.
- BASE ROCK SHALL CONSIST OF 3/4"-0 CRUSHED ROCK COMPACTED TO 95% OF AASHTO T-180.
- 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.
- 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.
- ON STEEP SLOPES, SIDEWALK RAMPS MAY BE PLACED ALONG THE SIDEWALK PRIOR TO THE LANDING AREA. THE RAMP SHALL HAVE A MAXIMUM SLOPE OF 8.3% OR MAXIMUM LENGTH OF 15 FEET CONSTRUCTED AT CONSTANT SLOPE.
- 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.

Perpendicular Sidewalk Ramp

CITY OF  
 WILSONVILLE



DRAWING NUMBER: RD-1115

DRAWN BY: ZW

SCALE: N.T.S.

FILE NAME: RD-1115.DWG

APPROVED BY: PN

DATE: 3/22/19

PUBLIC WORKS STANDARDS