

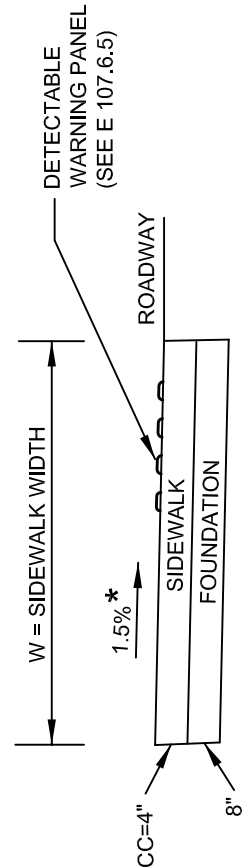
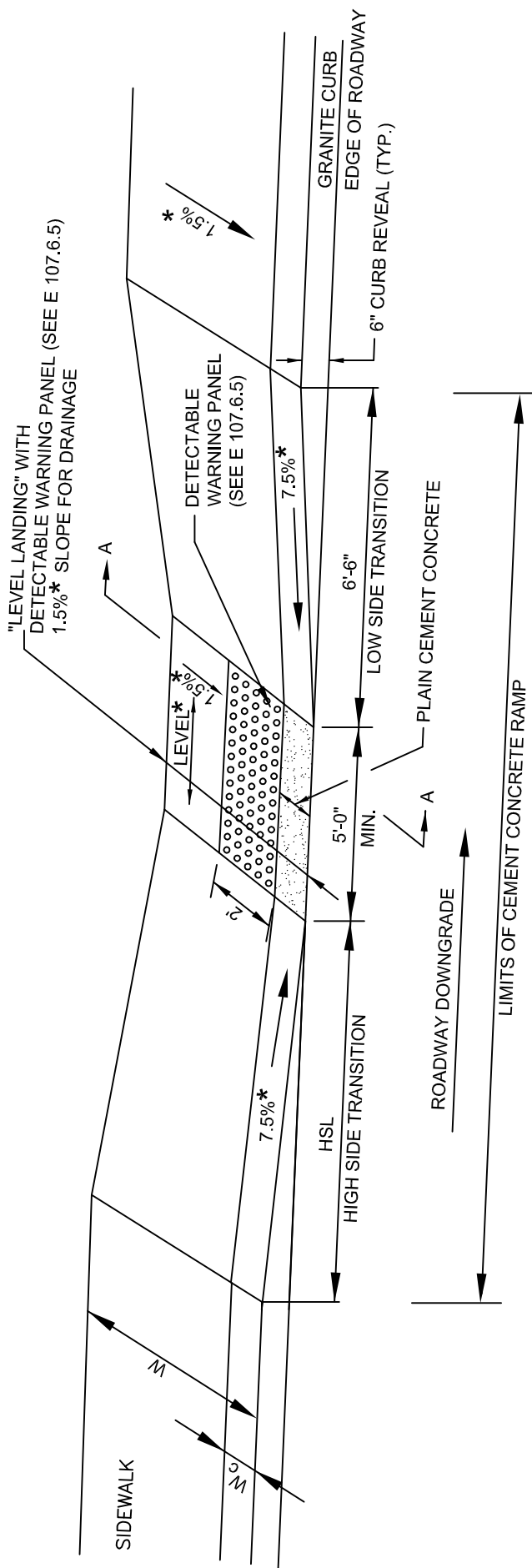
LEGEND

- HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0)
 - W = SIDEWALK WIDTH
 - W_C = CURB WIDTH
 - W₁ = PERPENDICULAR RAMP LENGTH
 - CC = CEMENT CONCRETE
 - * = TOLERANCE FOR CONSTRUCTION ±0.5%
- USABLE SIDEWALK WIDTH PER AAB = W-W_C
 RAMP LENGTH, W₁ = W-4'-0" Min



WHEELCHAIR RAMPS LESS THAN 12'-4" SIDEWALK

DATE OF ISSUE OCTOBER 2017
DRAWING NUMBER E 107.2.0



SECTION A-A

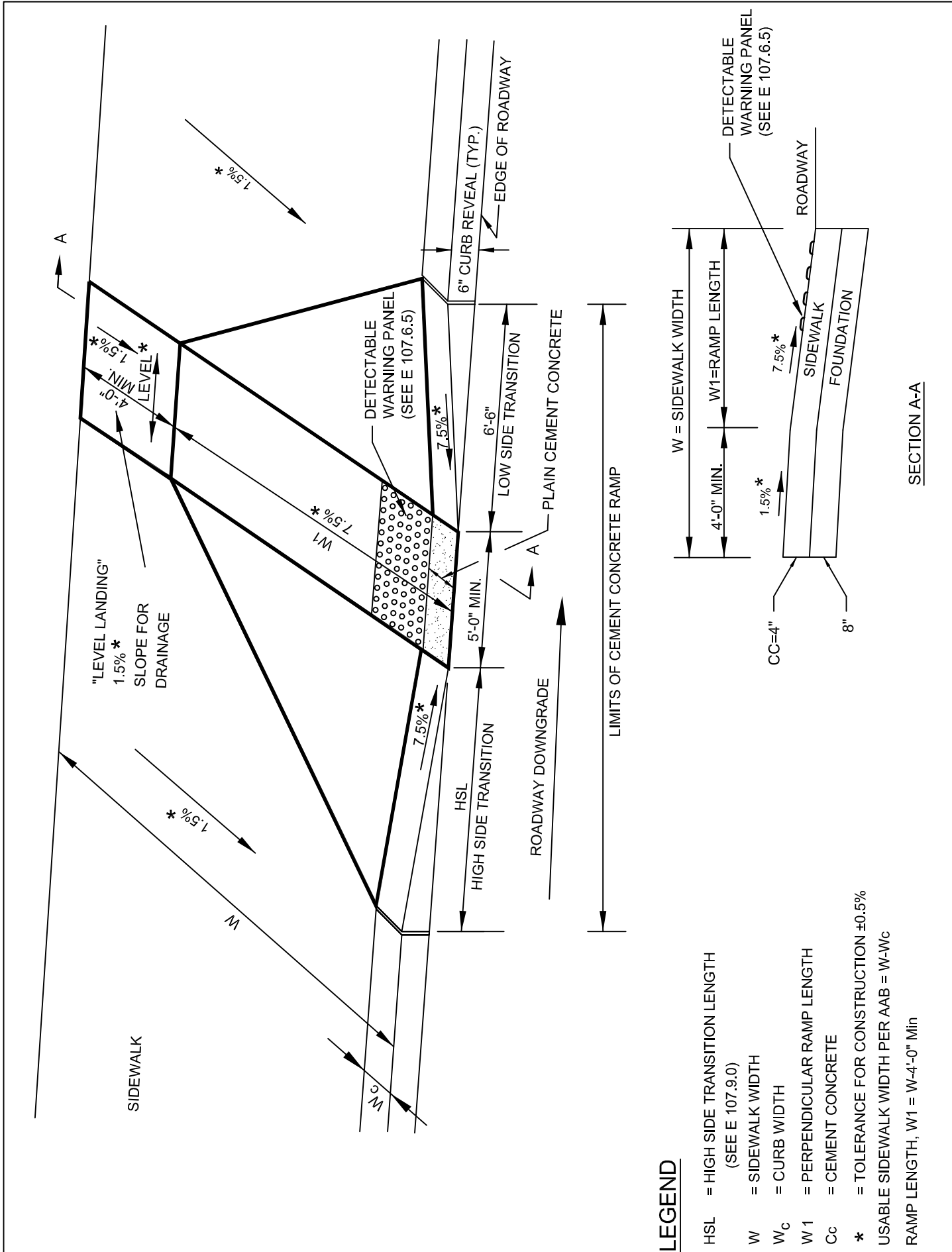
NOTE:
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS

- LEGEND**
- HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0)
 - W = SIDEWALK WIDTH
 - W_C = CURB WIDTH
 - CC = CEMENT CONCRETE
 - * = TOLERANCE FOR CONSTRUCTION ±0.5%
- USABLE SIDEWALK WIDTH PER AAB = W-W_C
 USABLE SIDEWALK WIDTH PER AAB IS NOT TO BE LESS THAN 4'0"
 SEE E 107.6.5 FOR DETAILS OF DETECTABLE WARNING PANEL



WHEELCHAIR RAMP ON NARROW SIDEWALK WITH DETECTABLE WARNING PANEL

DATE OF ISSUE OCTOBER 2017
DRAWING NUMBER E 107.2.1



LEGEND

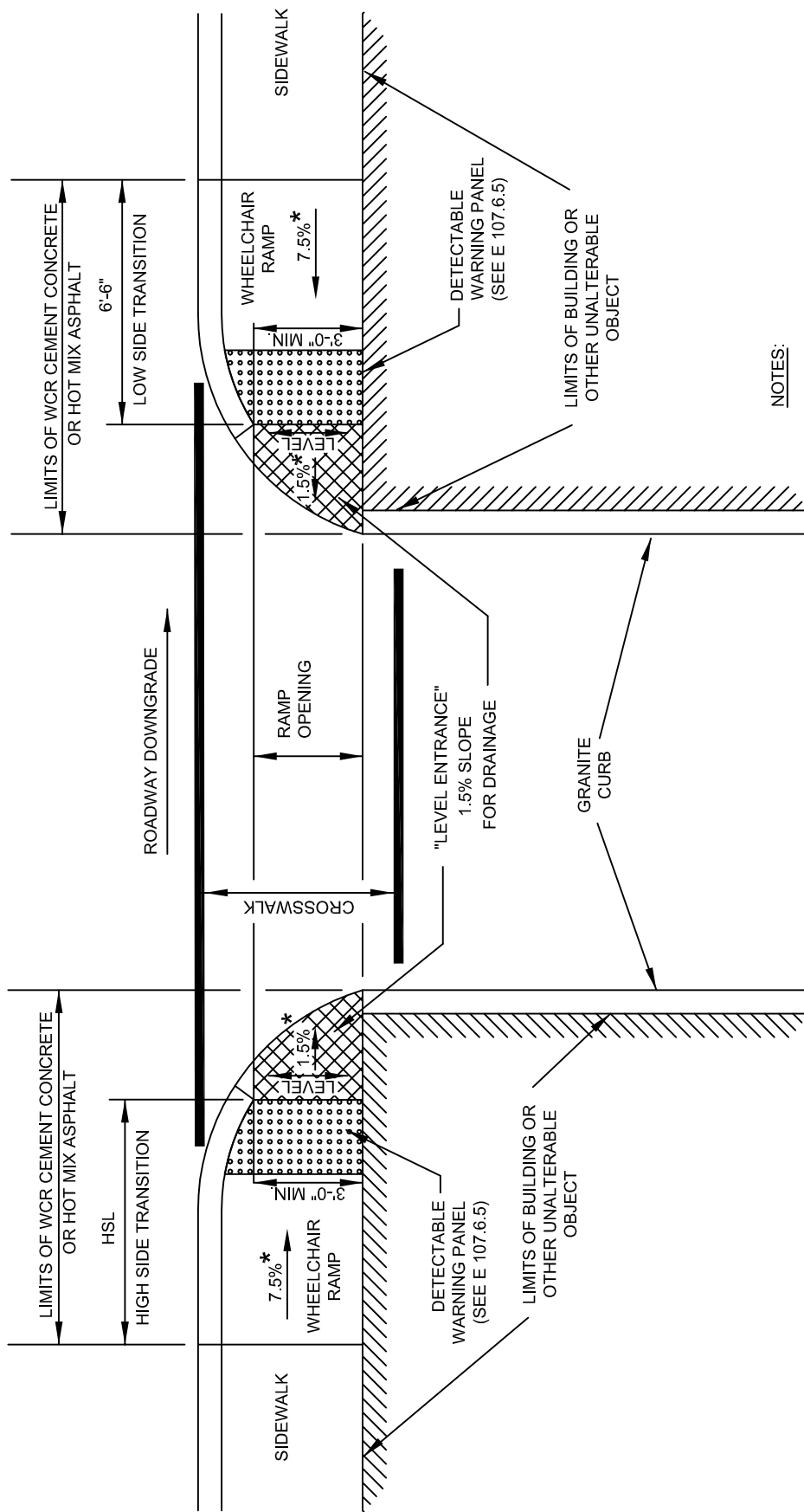
- HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0)
 - W = SIDEWALK WIDTH
 - W_c = CURB WIDTH
 - W₁ = PERPENDICULAR RAMP LENGTH
 - C_c = CEMENT CONCRETE
 - * = TOLERANCE FOR CONSTRUCTION ±0.5%
- USABLE SIDEWALK WIDTH PER AAB = W-W_c
 RAMP LENGTH, W₁ = W-4'-0" Min

SECTION A-A



**WHEELCHAIR RAMPS
 GREATER THAN 12'-4" SIDEWALK**

DATE OF ISSUE	OCTOBER 2017
DRAWING NUMBER	E 107.3.0



NOTES:

DETECTABLE WARNING PANEL
 LOCATED NOT LESS THAN 6" OR MORE THAN 24"
 FROM ROADWAY EDGE (GUTTER LINE). TRUNCATED
 DOMES TO BE ALIGNED WITH DIRECTION OF TRAVEL.
 FOR DETAILS OF TRUNCATED DOMES SEE DRAWING
 E 107.6.5.
 ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO
 BE ADJUSTED FOR FIELD CONDITIONS.

LEGEND

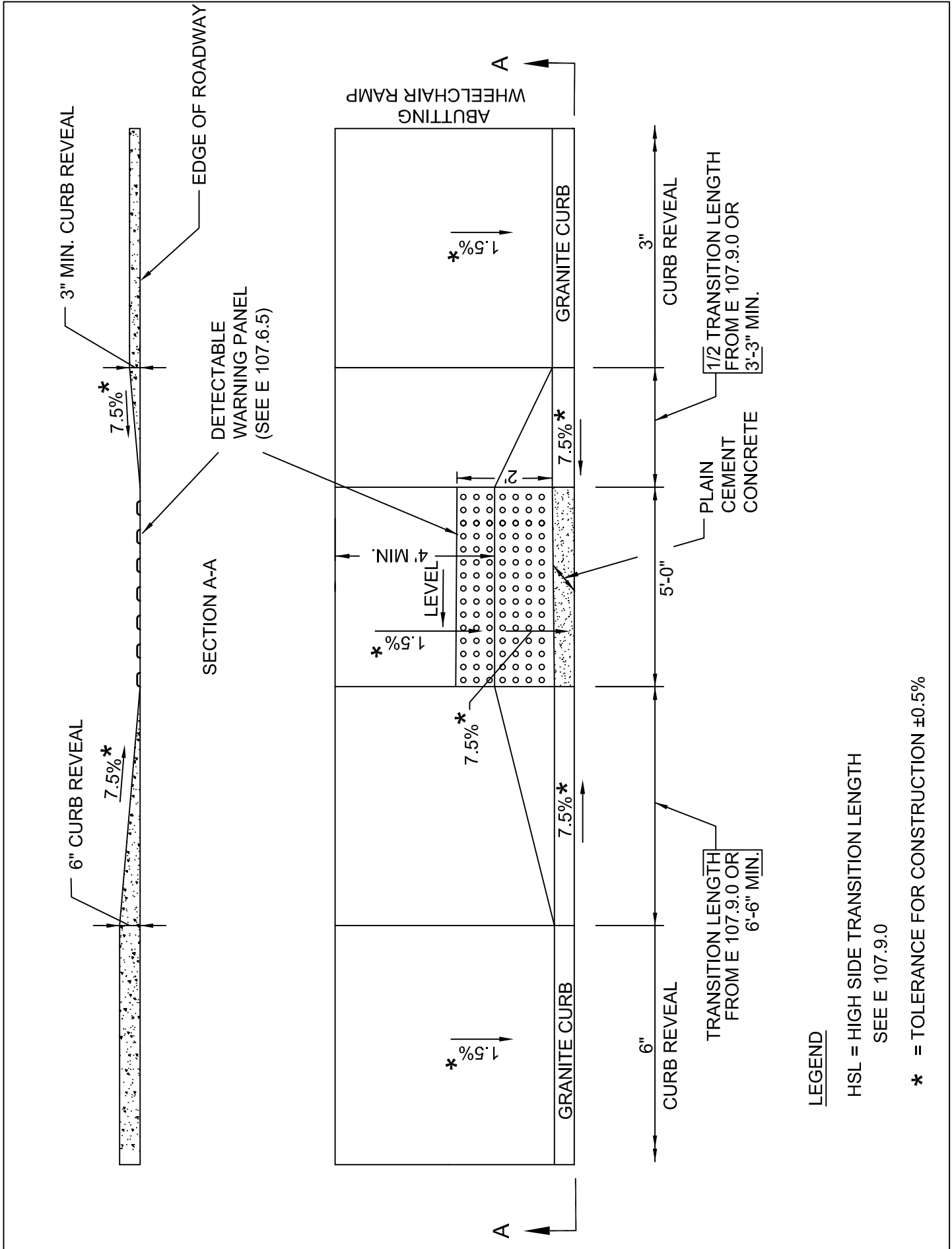
HSL = HIGH SIDE TRANSITION LENGTH
 (SEE E 107.9.0)
 * = TOLERANCE FOR CONSTRUCTION ±0.5%

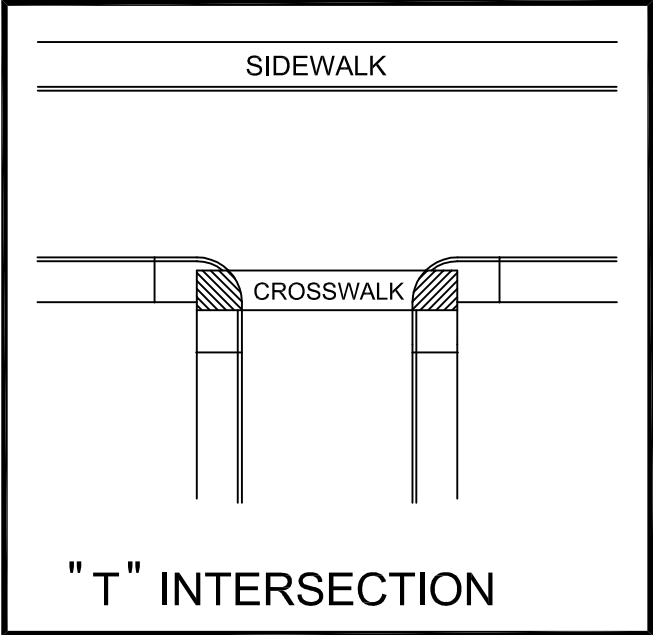
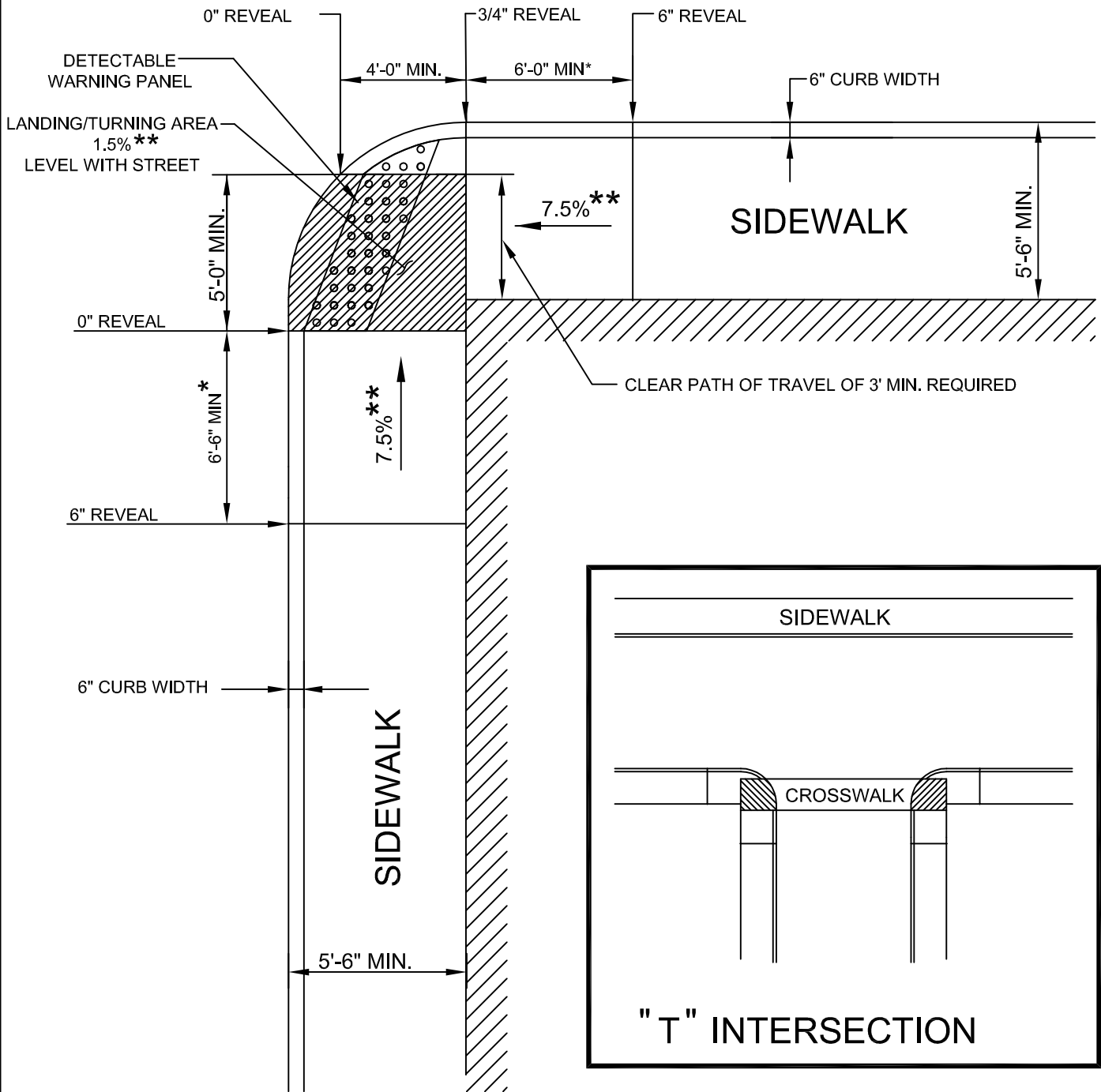
WHEELCHAIR RAMP FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL

WHEELCHAIR RAMP WITH 3" CURB REVEAL

DATE OF ISSUE
 OCTOBER 2017

DRAWING NUMBER
E 107.6.3





LEGEND

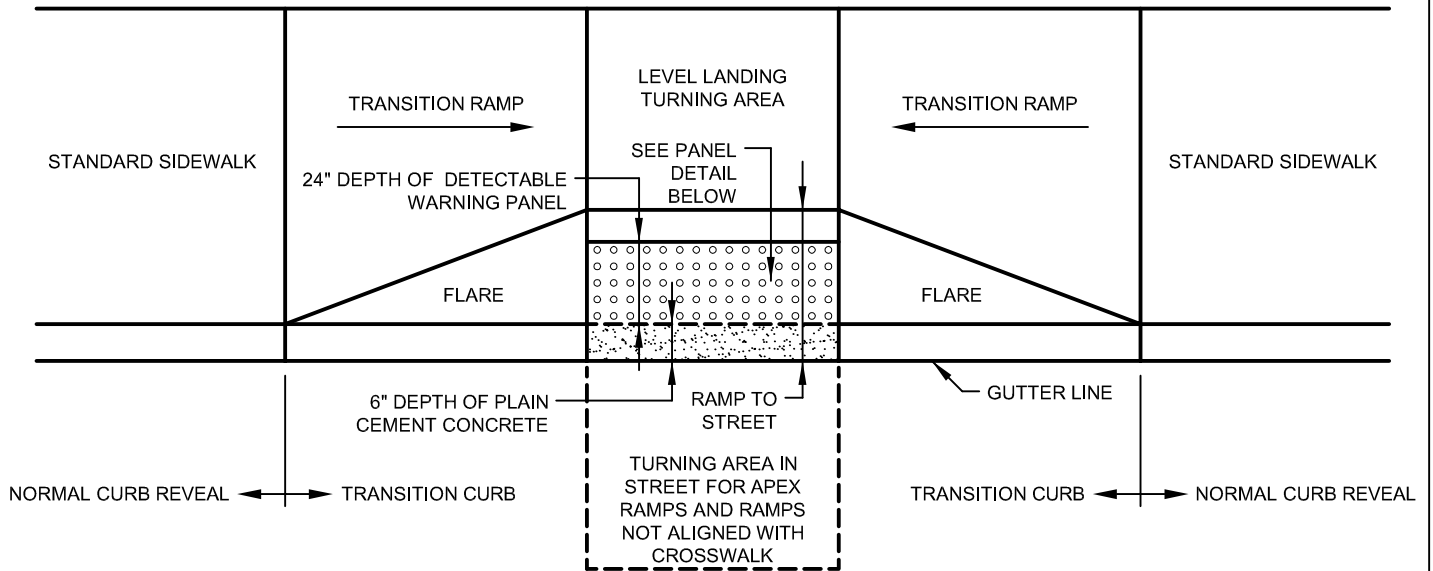
 BUILDING OR OTHER UNALTERABLE CONDITION

* TRANSITION LENGTH SHOWN IS MINIMUM.
(SEE E 107.9.0)

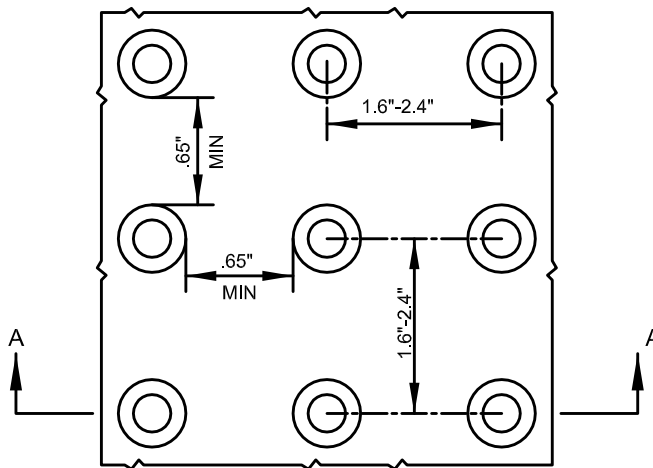
** TOLERANCE FOR CONSTRUCTION ±0.5%

NOTE:

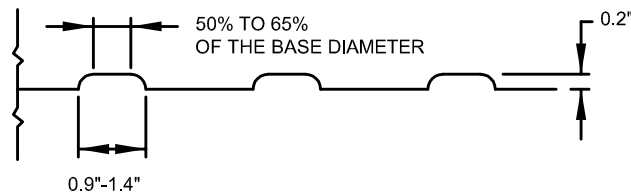
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS



TYPICAL INSTALLATION



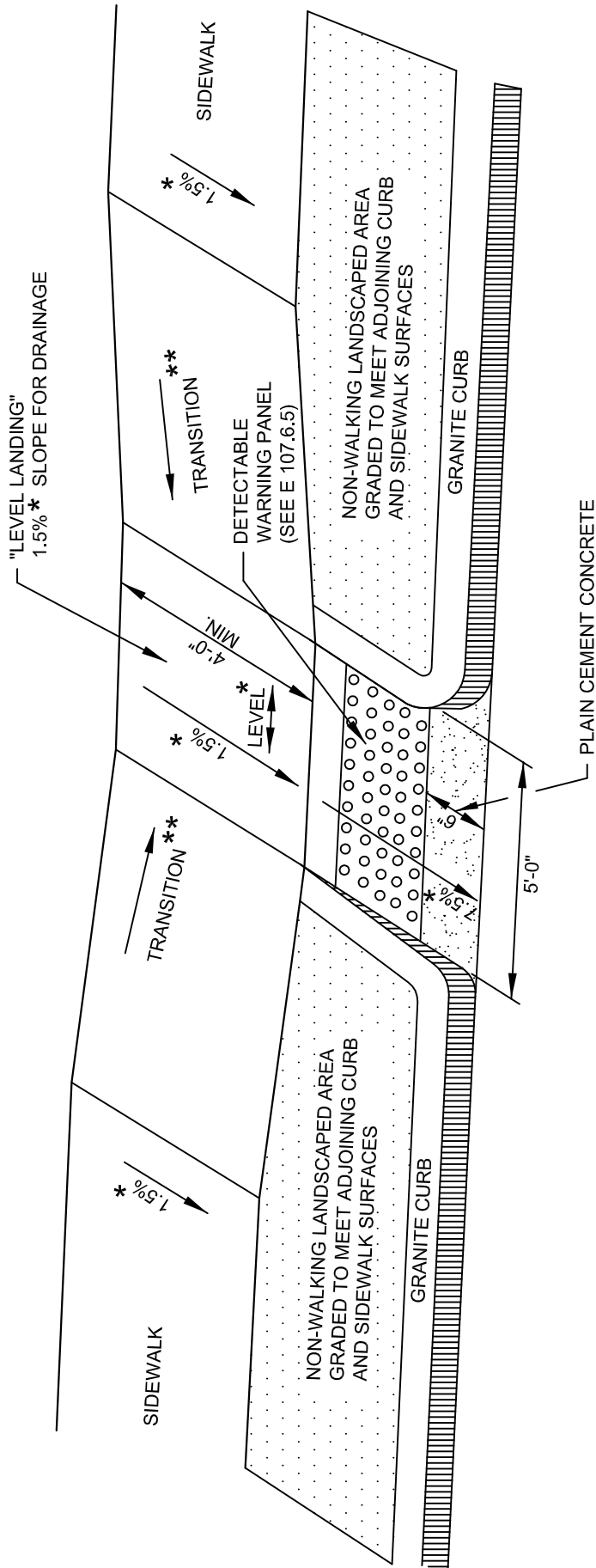
DETAIL OF DETECTABLE WARNING PANEL



SECTION A-A

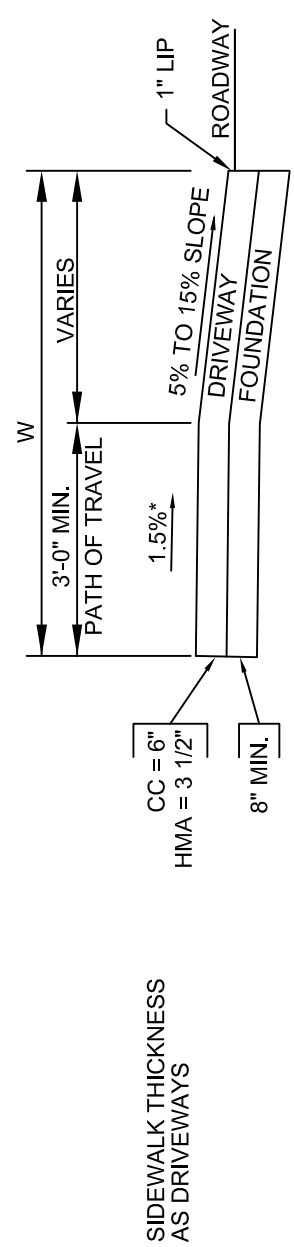
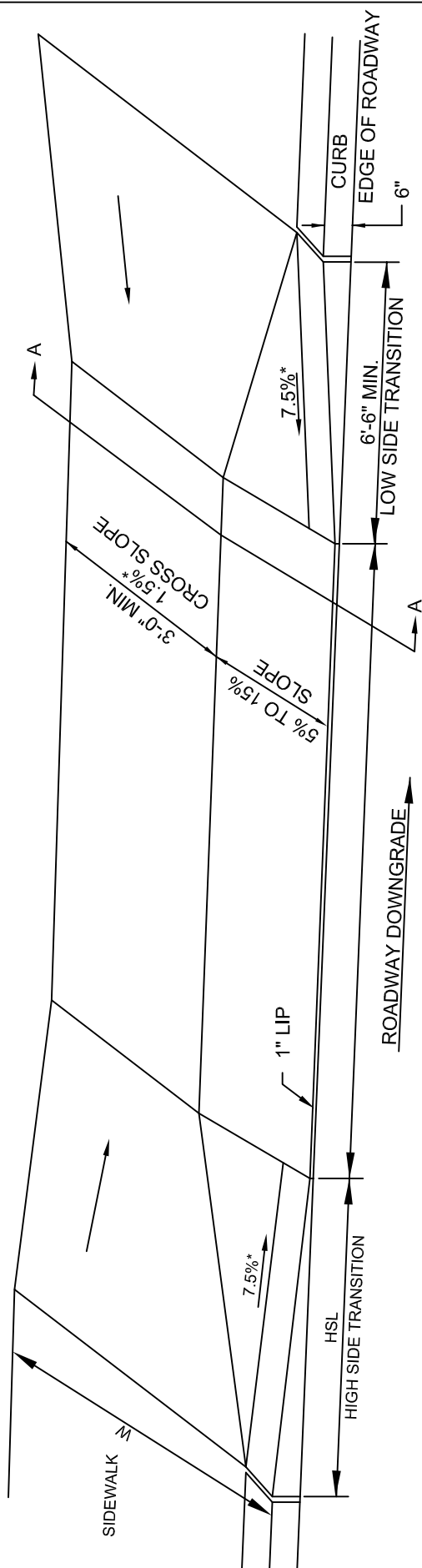
NOTE:

PANELS MAY BE CONCRETE PRECAST OR CAST IN PLACE OR OTHER SUITABLE MATERIAL PERMANENTLY APPLIED TO THE RAMP. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.



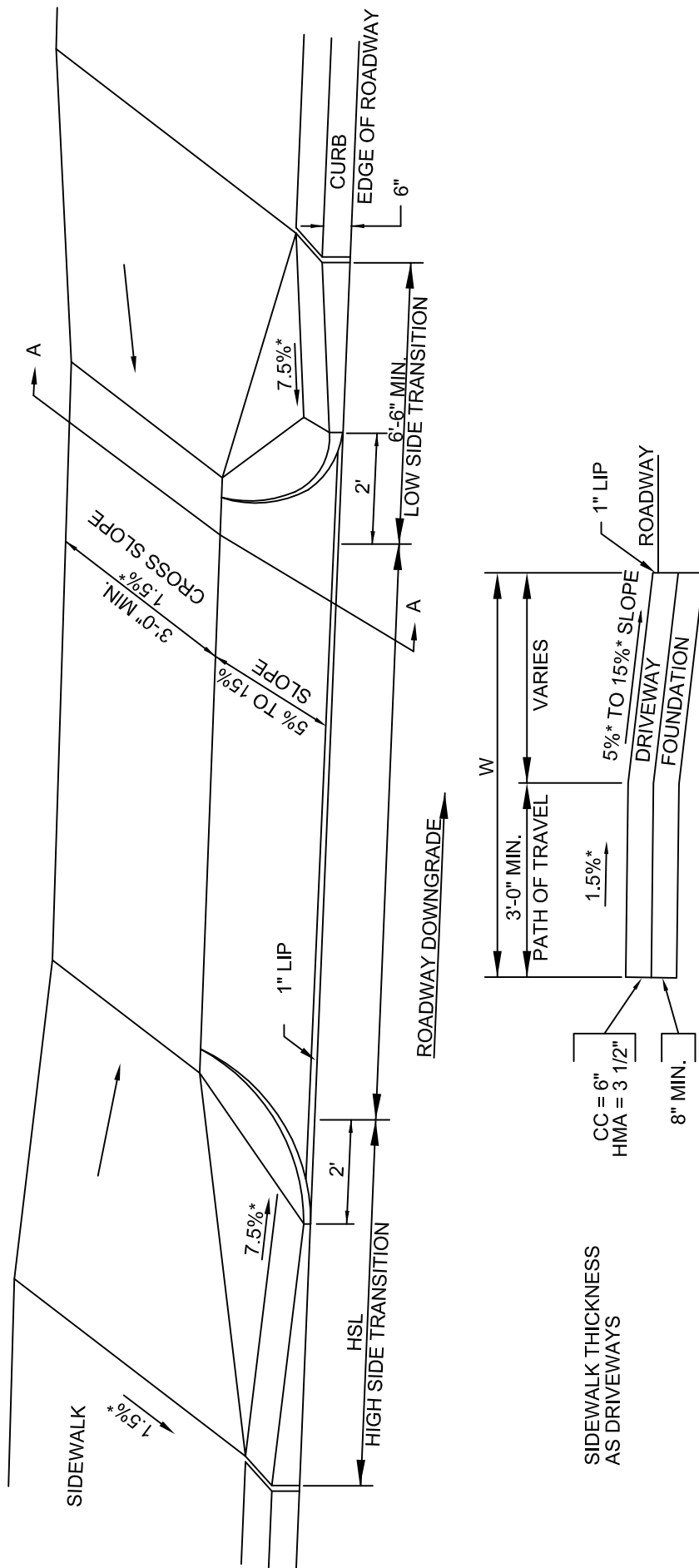
LEGEND

- * = TOLERANCE FOR CONSTRUCTION ±0.5%
- ** = SEE E 107.9.0 FOR TRANSITION LENGTH



SECTION A-A

LEGEND
 HSL = HIGH SIDE TRANSITION LENGTH. SEE E 107.9.0
 W = SIDEWALK WIDTH
 * = TOLERANCE FOR CONSTRUCTION ±0.5%
 CC = CEMENT CONCRETE
 HMA = HOT MIX ASPHALT



SECTION A-A

LEGEND

- HSL = HIGH SIDE TRANSITION LENGTH. SEE E 107.9.0
- W = SIDEWALK WIDTH
- * = TOLERANCE FOR CONSTRUCTION ±0.5%
- CC = CEMENT CONCRETE
- HMA = HOT MIX ASPHALT

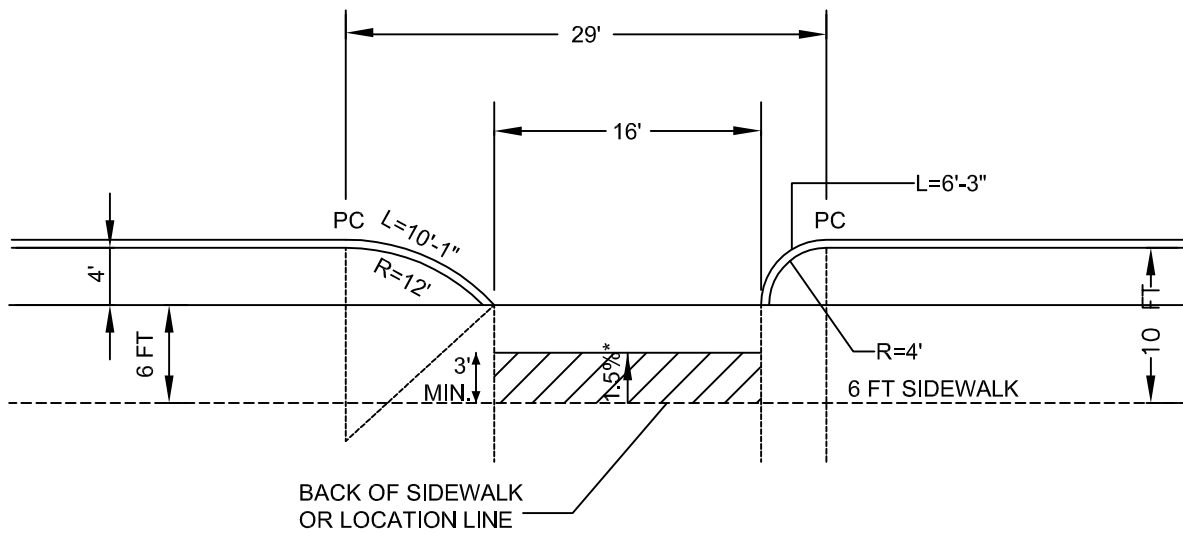


CONSTRUCTION STANDARDS

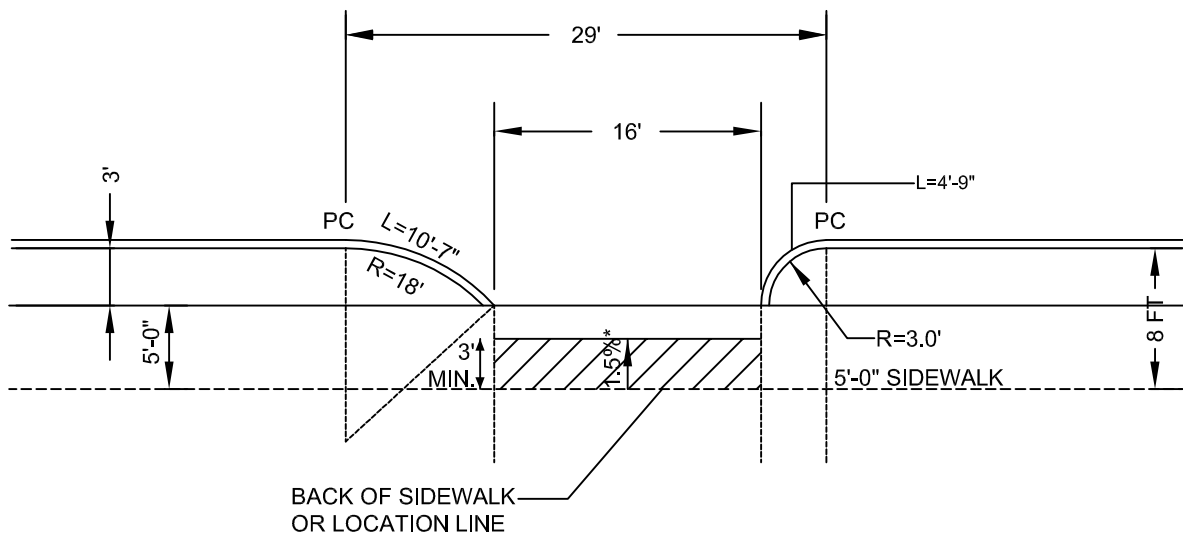
SIDEWALK THROUGH DRIVEWAYS WITH CURB RETURNS 2' CURB CORNERS

DATE OF ISSUE
OCTOBER 2017

DRAWING NUMBER
E 107.8.0



10 FT SIDEWALK LAYOUT



8 FT SIDEWALK LAYOUT

NOTES:

1. WHEN THE SIDEWALK IS PAVED TO THE CURB LINE, USE SHORT CURB RETURNS AT THE HIGHWAY CURB LINE PC'S, SHOWN IN THESE DESIGNS.



*MUST MAINTAIN PATH OF TRAVEL WITH 1.5% CROSS SLOPE ($\pm 0.5\%$ CONSTRUCTION TOLERANCE)

CURB TRANSITION LENGTH FOR WHEELCHAIR RAMPS

ROADWAY PROFILE GRADE	* HIGH SIDE TRANSITION LENGTH
%	ENGLISH UNITS
=0%	6'-6"
>0% TO 1%	7'-8"
>1% TO 2%	9'-0"
>2% TO 3%	11'-0"
>3% TO 4%	14'-0"
>4% TO 5%	15'-0" Max

NOTE:

* BASED ON A DESIGN SLOPE OF
7.5% AND A REVEAL OF 6".