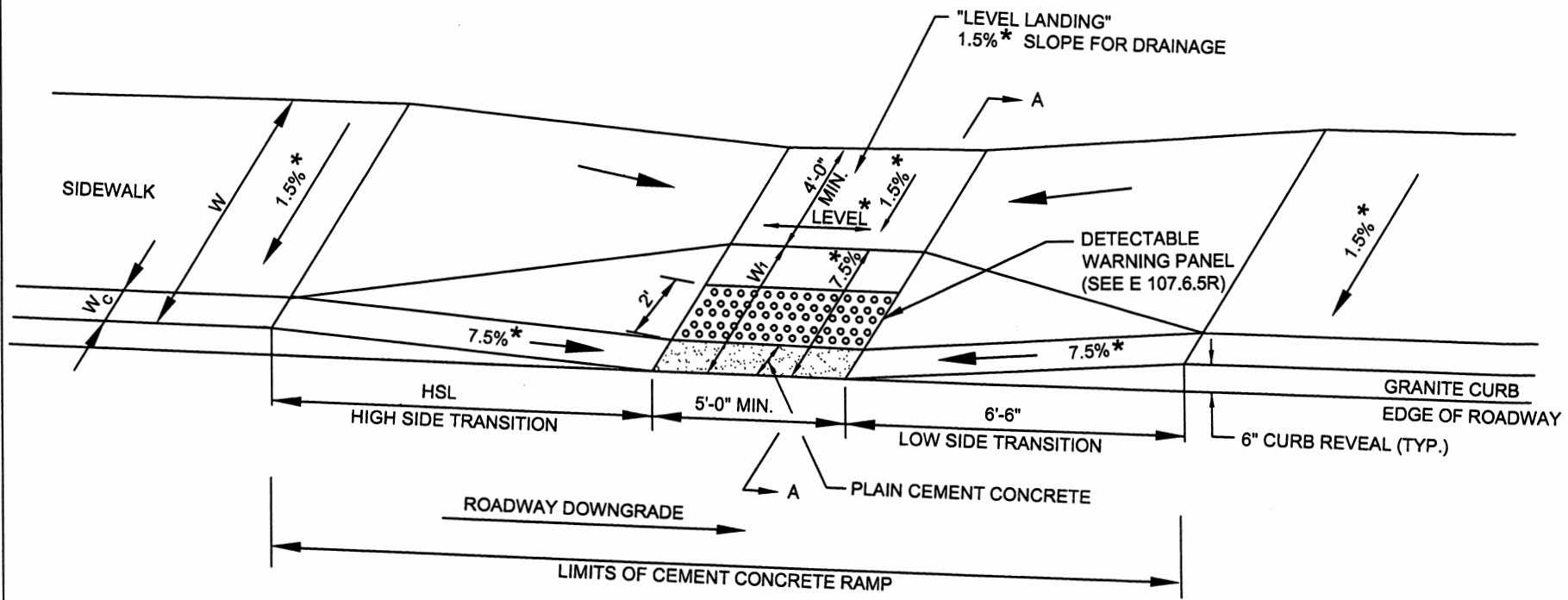


NOTES:

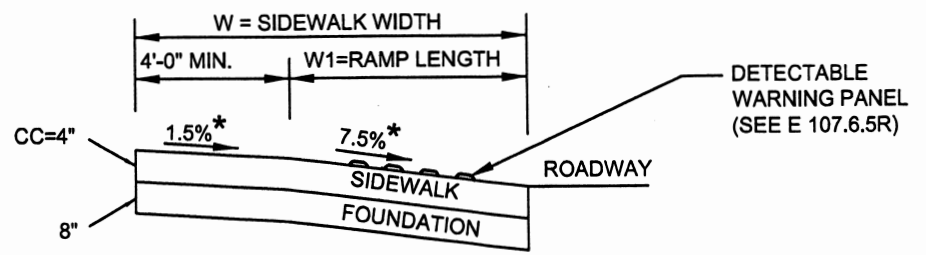
1. LEVEL LANDINGS CAN OVERLAP
2. ISLAND AREAS SUBJECT TO TRAVEL SHOULD BE TREATED AS PLAZAS "NOT MORE THAN 2% SLOPE IN ANY DIRECTION"
3. ALL RAMPS BY REGULATION MUST BE PERPENDICULAR TO THE CURB AT THE GUTTER
4. RAMPS SHOULD BE BOTH ALIGNED TOWARD THE RECEIVING RAMP AND WITHIN THE GENERALLY PREFERRED PEDESTRIAN PHASE OF TRAFFIC

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

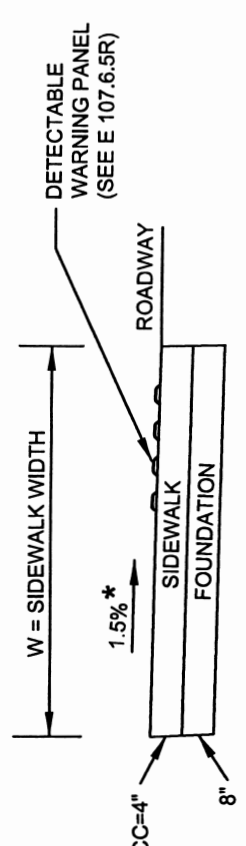
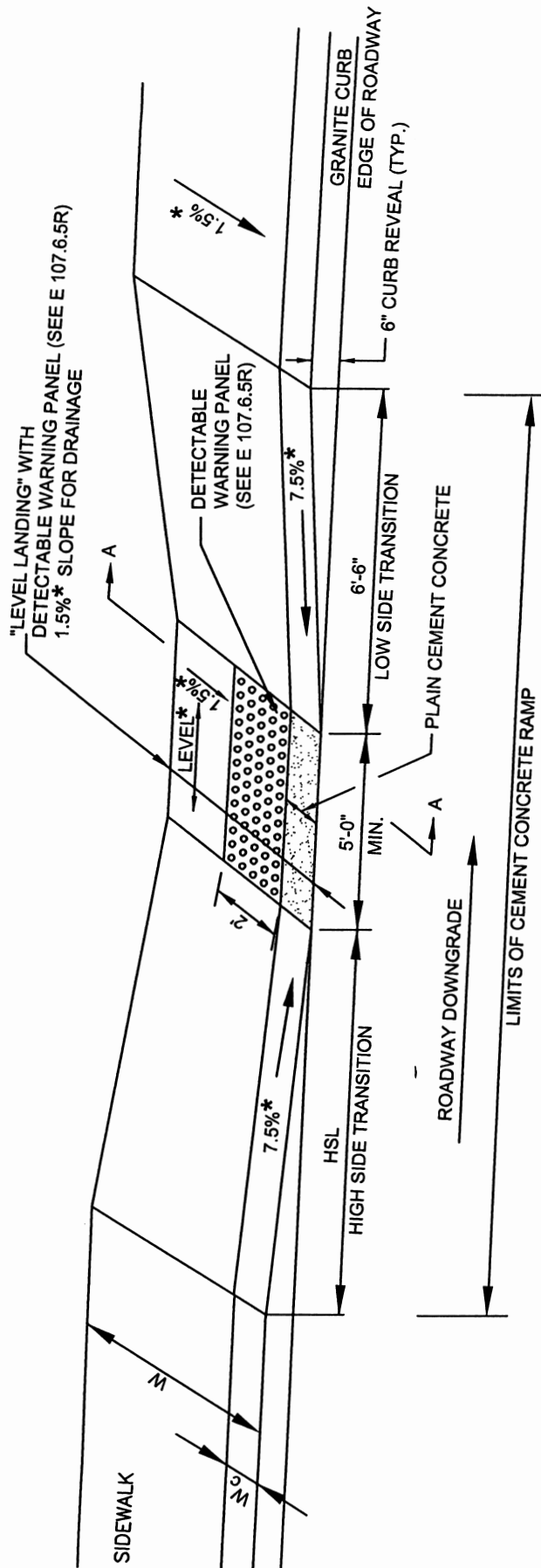


LEGEND

- HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0R)
- W = SIDEWALK WIDTH
- W_c = CURB WIDTH
- W_1 = PERPENDICULAR RAMP LENGTH
- CC = CEMENT CONCRETE
- * = TOLERANCE FOR CONSTRUCTION $\pm 0.5\%$
- USABLE SIDEWALK WIDTH PER AAB = $W - W_c$
- RAMP LENGTH, $W_1 = W - 4'-0"$ Min



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 107.9.0R)

W = SIDEWALK WIDTH

W_c = CURB WIDTH

CC = CEMENT CONCRETE

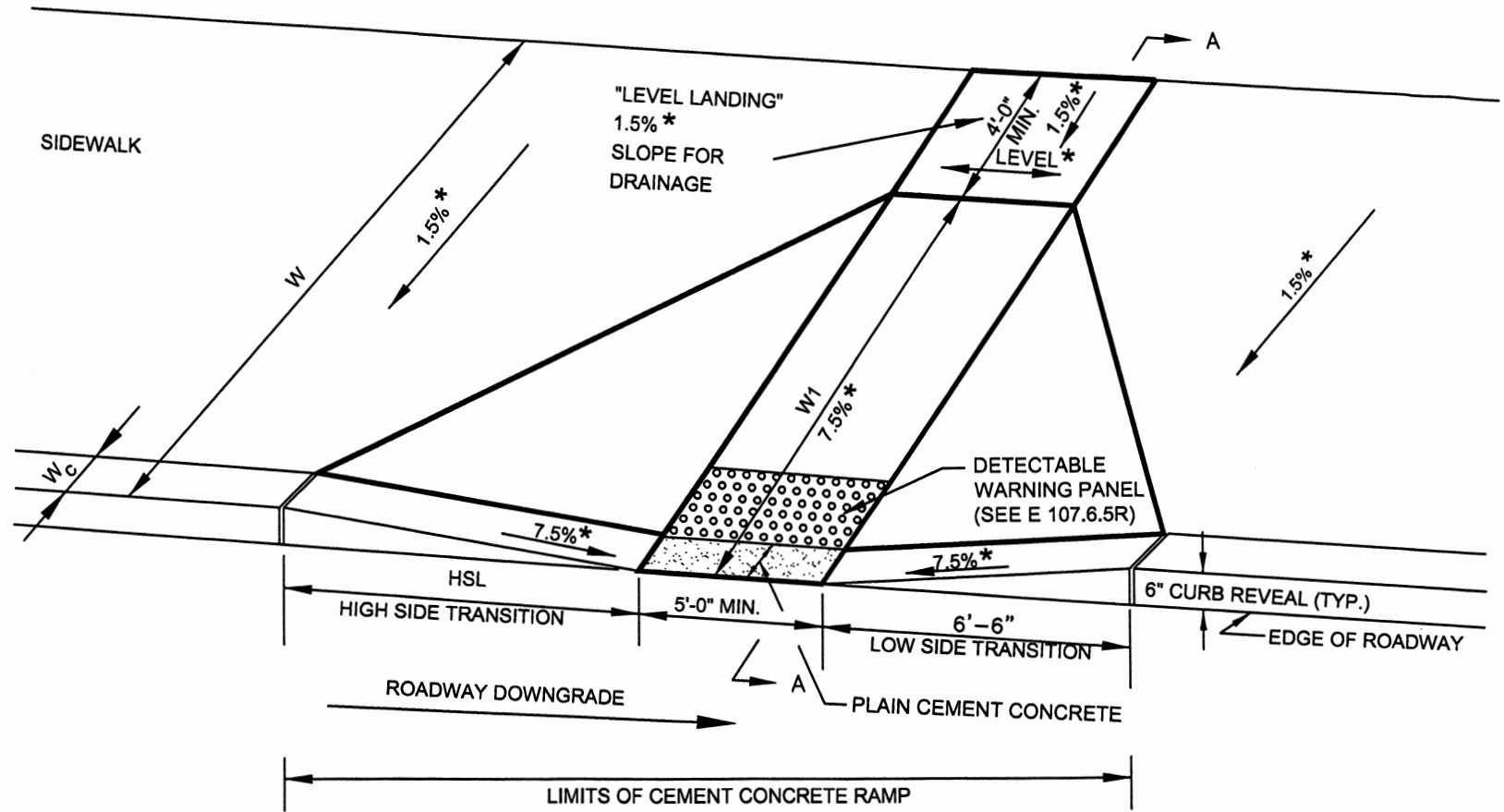
* = TOLERANCE FOR CONSTRUCTION ±0.5%

USABLE SIDEWALK WIDTH PER AAB = W-W_c

USABLE SIDEWALK WIDTH PER AAB IS NOT TO BE LESS THAN 4'0"

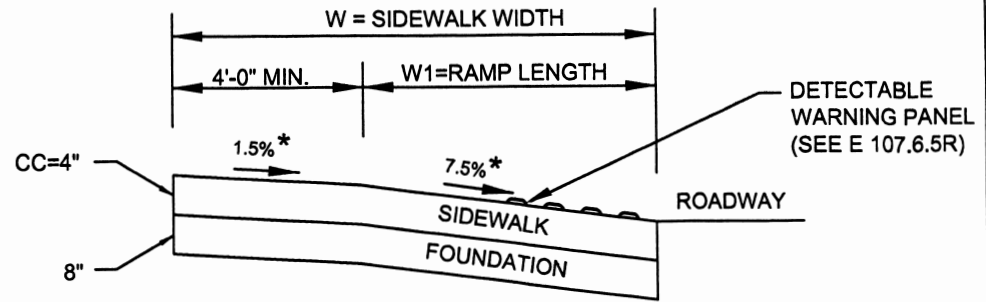
SEE E 107.6.5R FOR DETAILS OF DETECTABLE WARNING PANEL

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



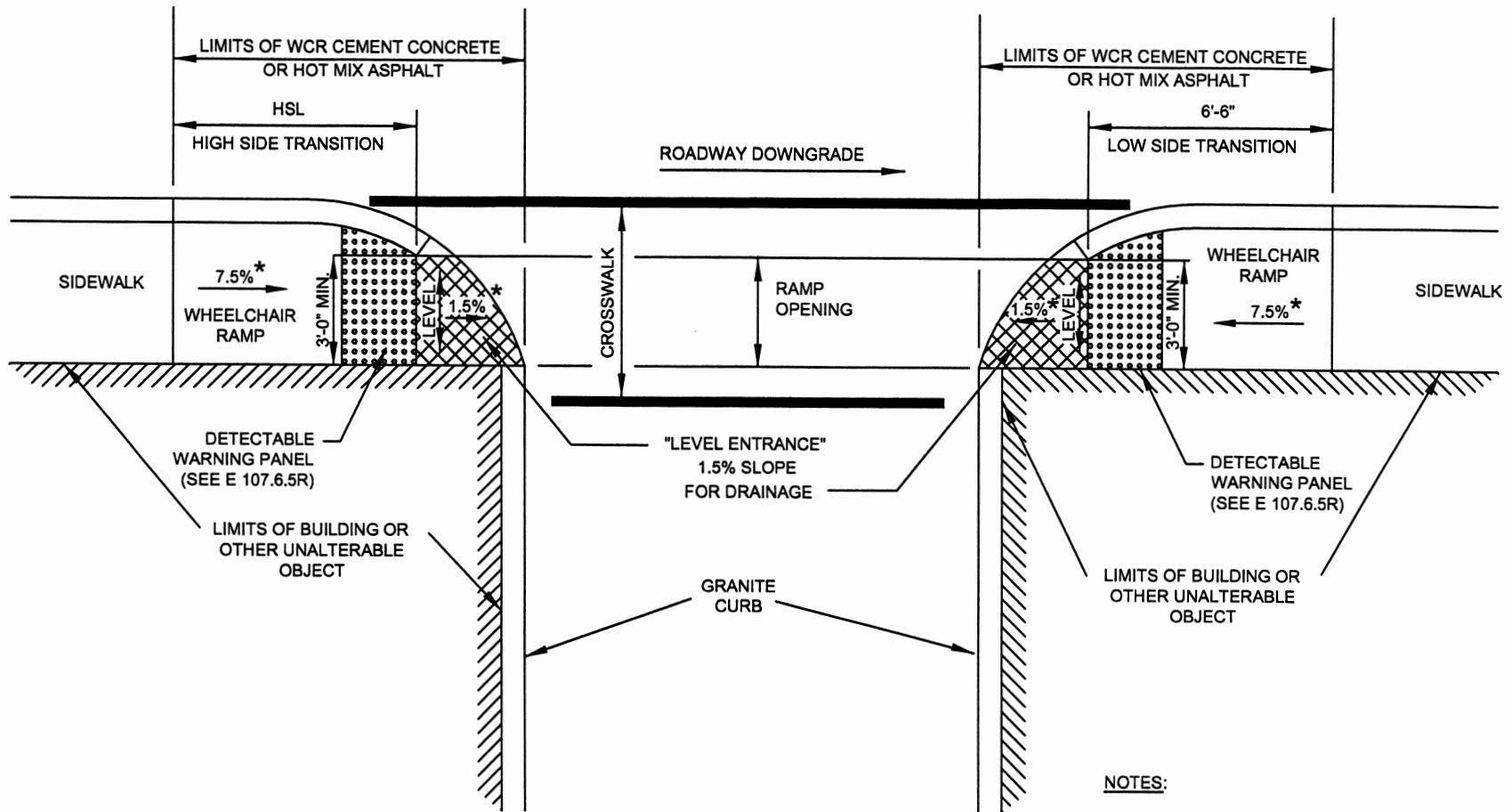
LEGEND

- HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0R)
- W = SIDEWALK WIDTH
- W_c = CURB WIDTH
- W_1 = PERPENDICULAR RAMP LENGTH
- Cc = CEMENT CONCRETE
- * = TOLERANCE FOR CONSTRUCTION $\pm 0.5\%$
- USABLE SIDEWALK WIDTH PER AAB = $W - W_c$
- RAMP LENGTH, $W_1 = W - 4'-0"$ Min



SECTION A-A

WHEELCHAIR RAMP FOR ONE
CONTINUOUS DIRECTION OF
PEDESTRIAN TRAVEL



LEGEND

HSL = HIGH SIDE TRANSITION LENGTH
 (SEE E 107.9.0R)

* = TOLERANCE FOR CONSTRUCTION $\pm 0.5\%$

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 107.6.5R.

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

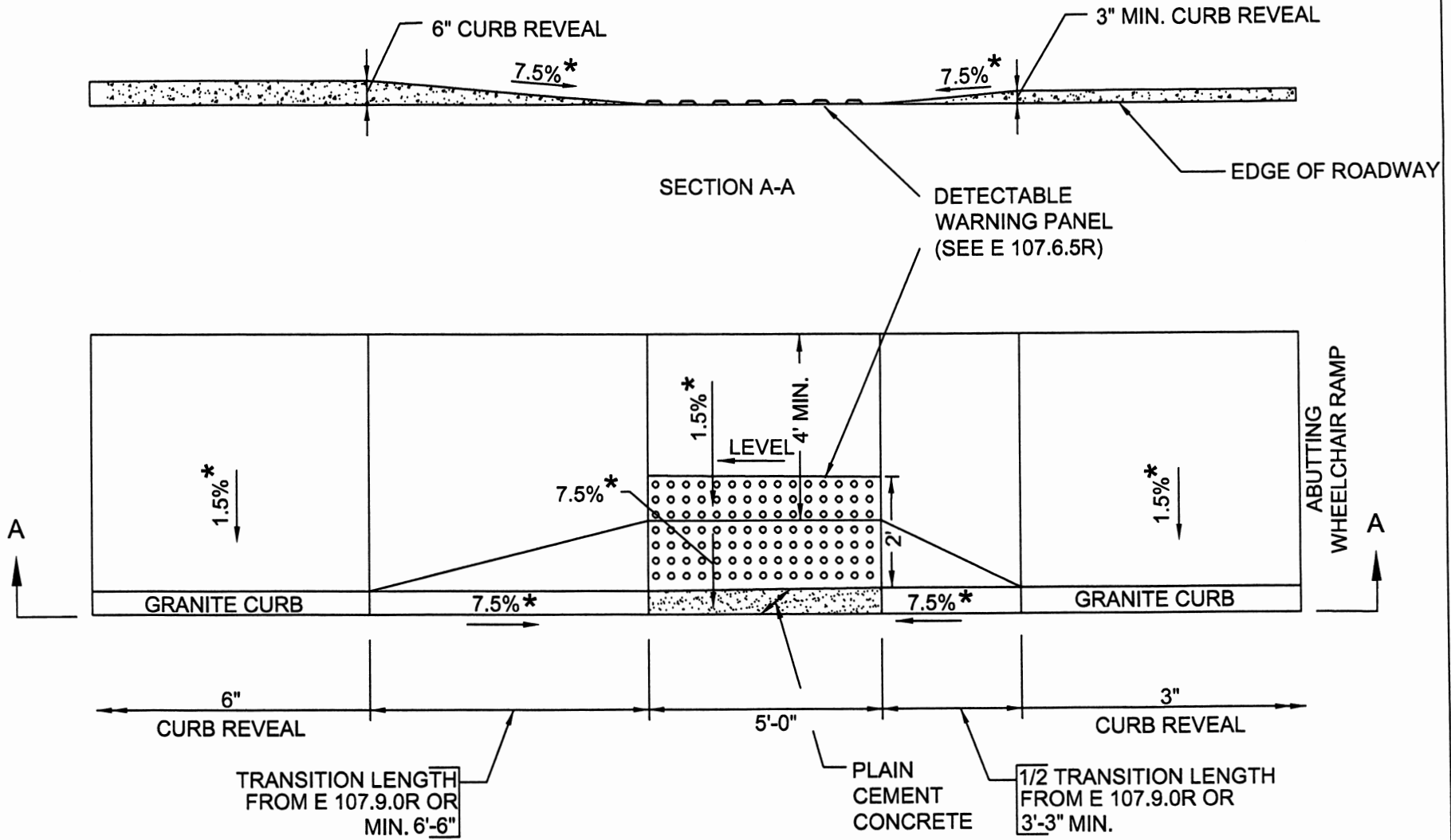
DATE OF ISSUE

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DRAWING NUMBER

E 107.6.0

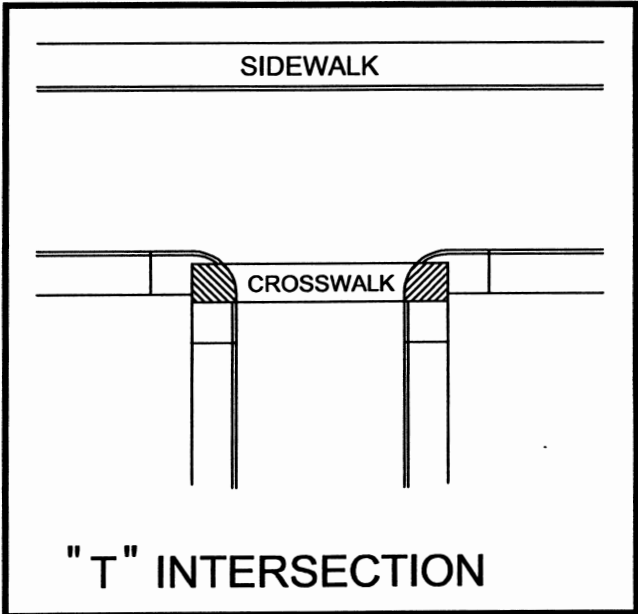
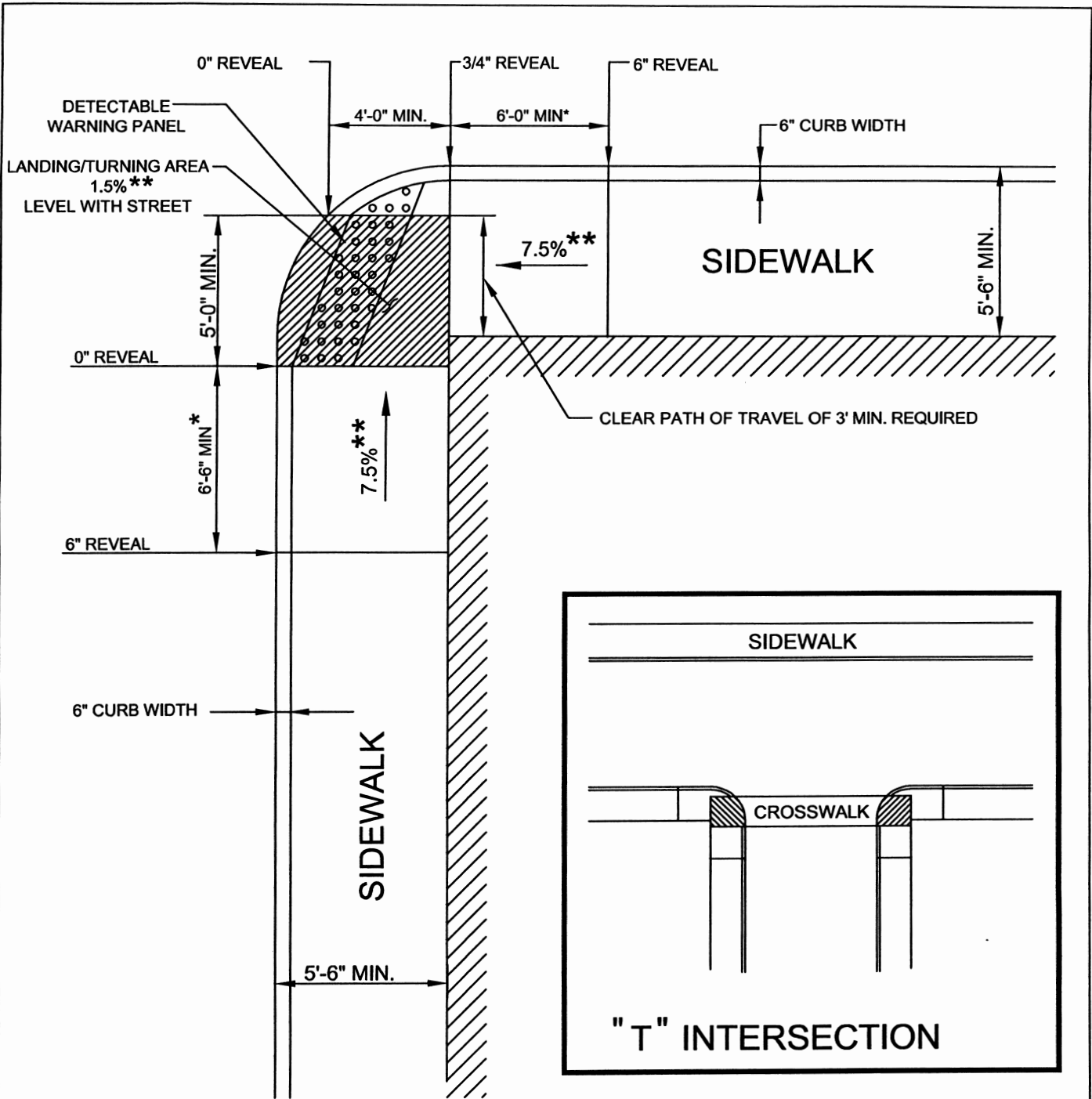
WHEELCHAIR RAMP
WITH 3" CURB REVEAL



LEGEND

HSL = HIGH SIDE TRANSITION LENGTH
 SEE E 107.9.0R

* = TOLERANCE FOR CONSTRUCTION ±0.5%



LEGEND

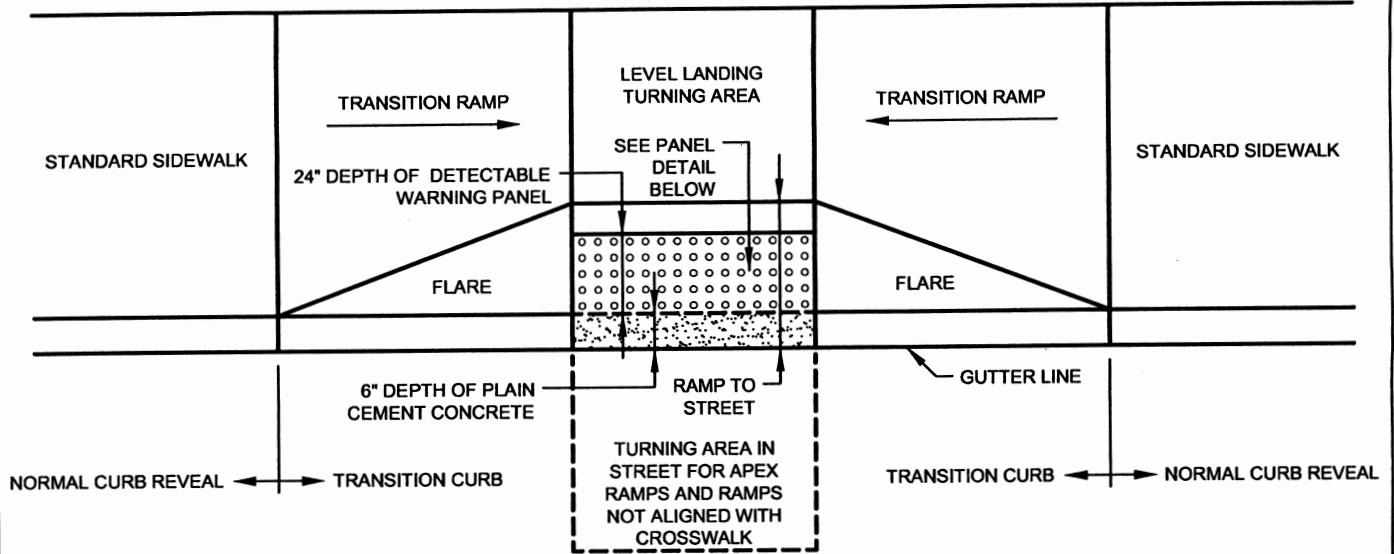
 BUILDING OR OTHER UNALTERABLE CONDITION

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

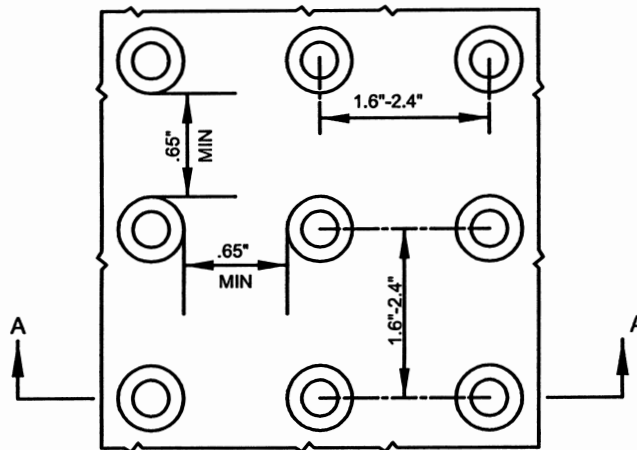
** TOLERANCE FOR CONSTRUCTION ±0.5%

NOTE:

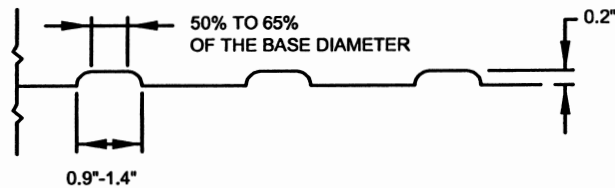
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS



TYPICAL INSTALLATION



DETAIL OF DETECTABLE WARNING PANEL

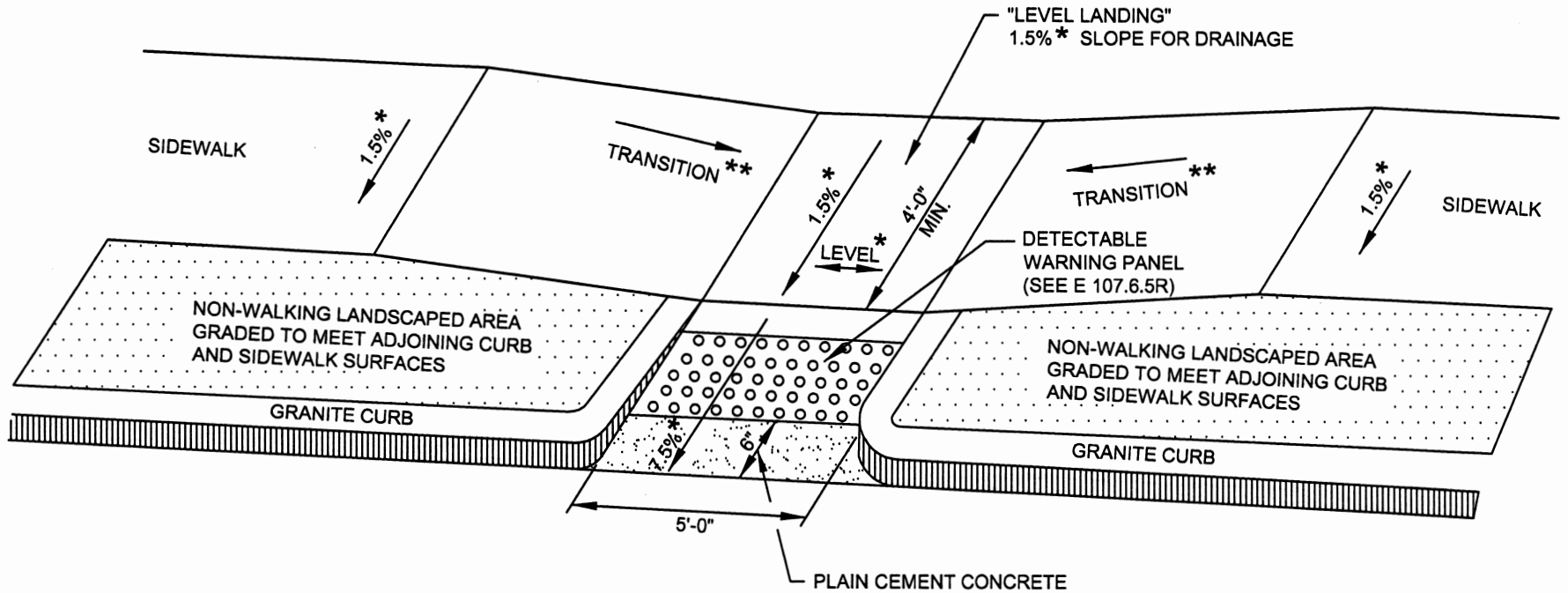


SECTION A-A

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.

**WHEELCHAIR RAMP WITH
 LANDSCAPING STRIP**



LEGEND

- * = TOLERANCE FOR CONSTRUCTION $\pm 0.5\%$
- ** = SEE E 107.9R FOR TRANSITION LENGTH

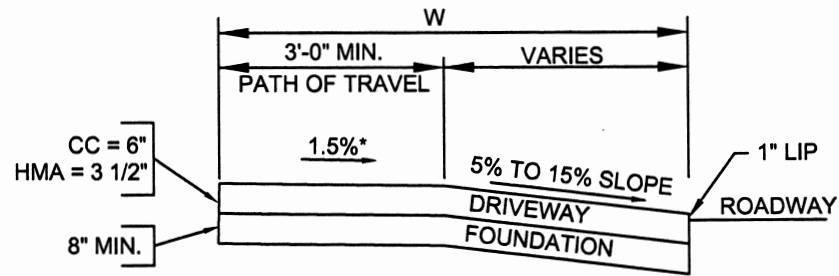
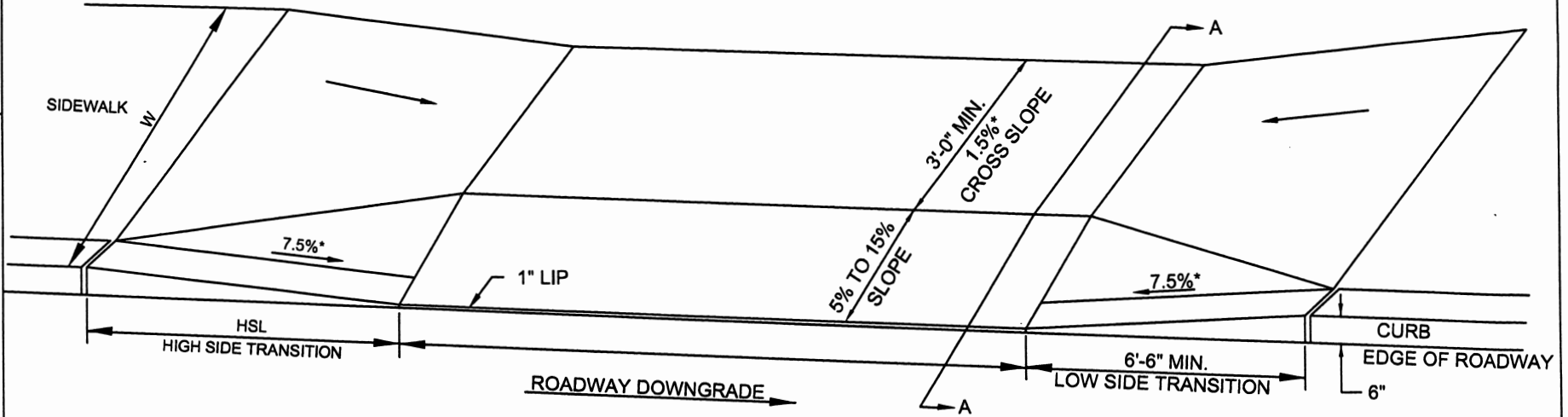
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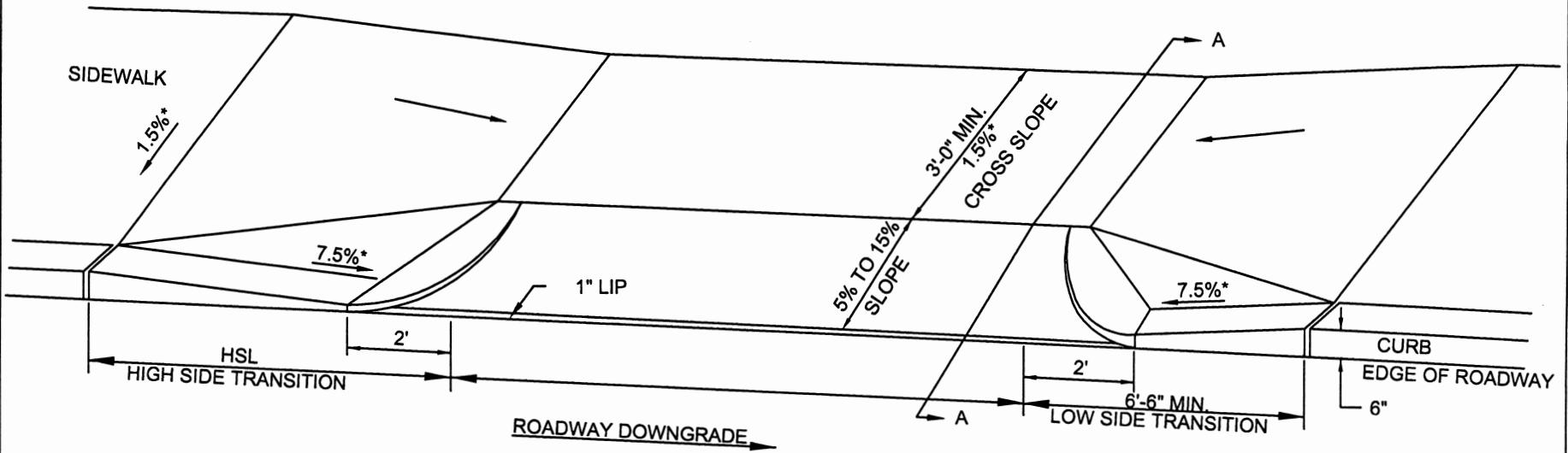
**SIDEWALK THROUGH DRIVEWAYS
WITHOUT CURB RETURNS**



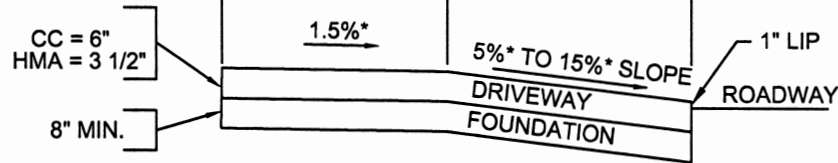
SECTION A-A

LEGEND

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



SIDEWALK THICKNESS AS DRIVEWAYS



SECTION A-A

LEGEND

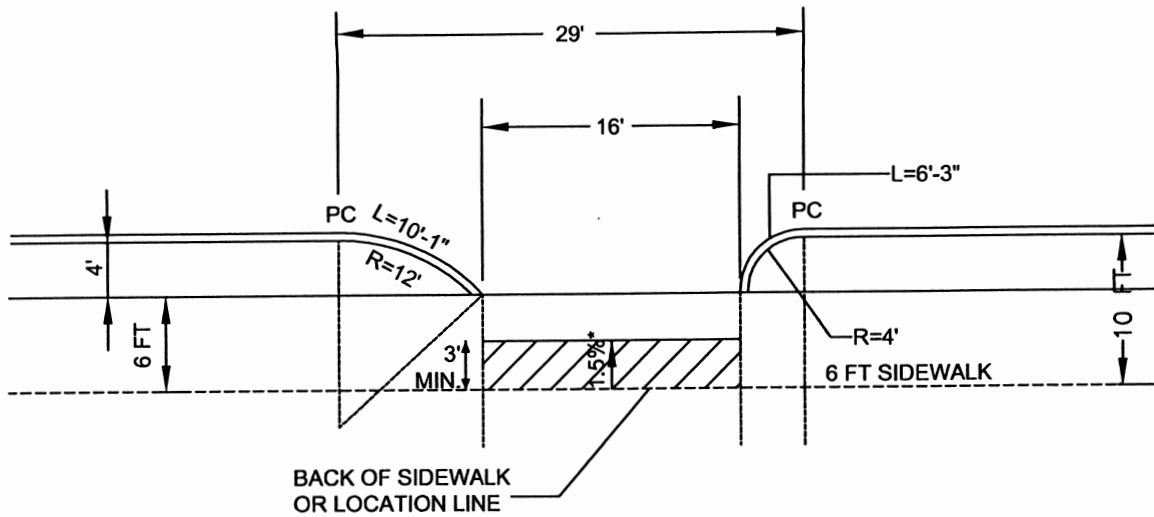
- HSL = HIGH SIDE TRANSITION LENGTH
- W = SIDEWALK WIDTH
- * = TOLERANCE FOR CONSTRUCTION ±0.5%
- CC = CEMENT CONCRETE
- HMA = HOT MIX ASPHALT

DATE OF ISSUE

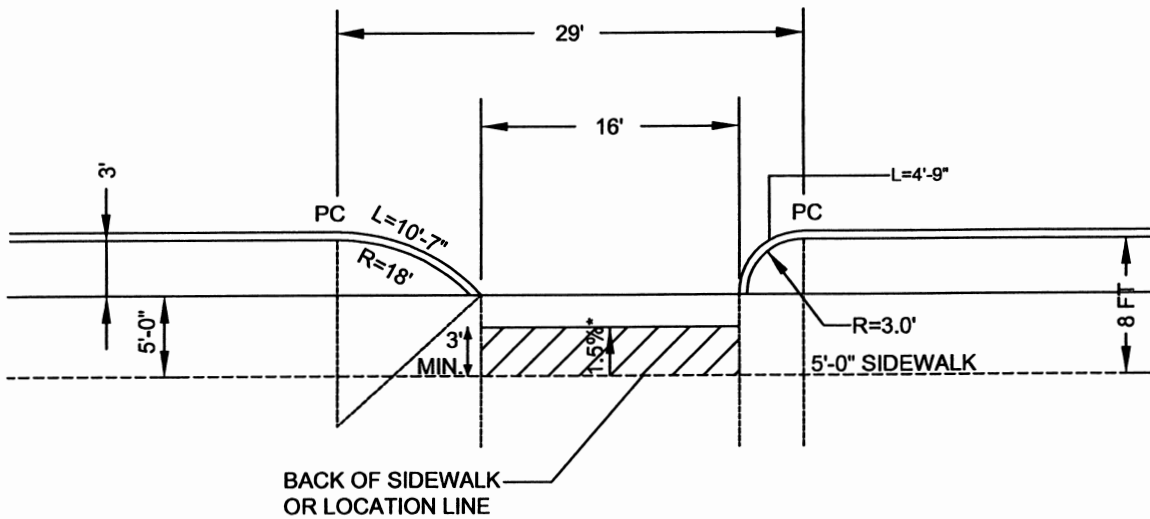
JUNE 2014

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".**

DATE OF ISSUE

JUNE 2014

DRAWING NUMBER

E 107.9.0