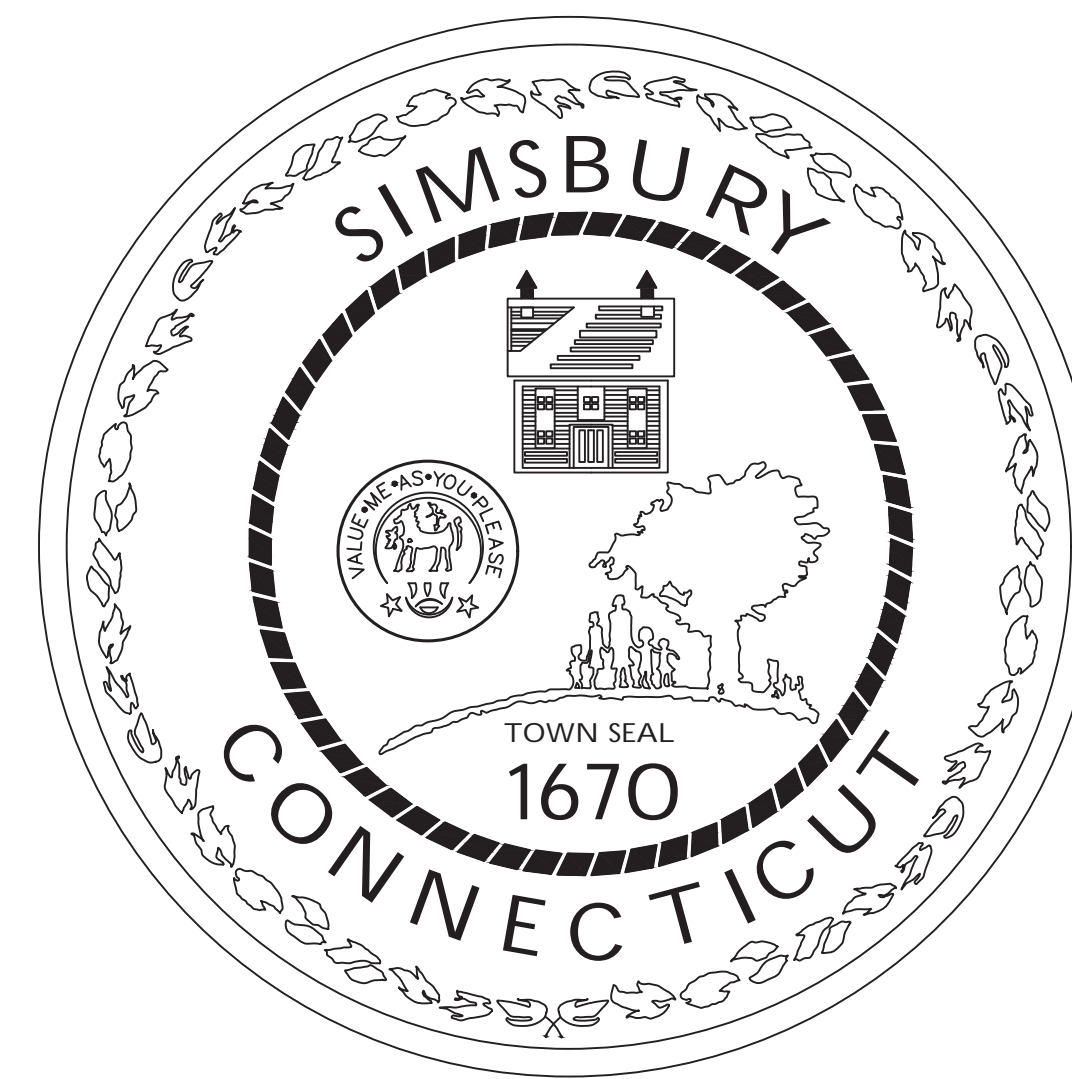


CONCRETE SIDEWALK REPLACEMENT HOPMEADOW STREET

DEPARTMENT OF PUBLIC WORKS
66 TOWN FOREST ROAD
WEST SIMSBURY, CONNECTICUT



Prepared By:

SIMSBURY DEPARTMENT OF PUBLIC WORKS
66 TOWN FOREST ROAD
WEST SIMSBURY, CONNECTICUT 06092
860-658-3222



- NOTES
- 1) CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF TRAFFIC.
 - 2) TOWN OF SIMSBURY WILL HAVE A CTDOT ENCHROACHMENT PERMIT FOR ALL WORK IN DOT RIGHT OF WAY, CONTRACTOR RESPONSIBLE FOR ADHERENCE TO TERMS OF ENCHROACHMENT PERMIT.
 - 3) ALL WORK TO BE PERFORMED SHALL FOLLOW PROWAG STANDARDS ON STATE ROADS, AND ADA STANDARDS ON TOWN ROADS.
 - 4) REFERENCE PHOTO PROVIDED MAY NOT BE REPRESENTATIVE, CONTRACTOR RESPONSIBLE FOR VERIFYING CURRENT CONDITIONS.
 - 5) REPLACEMENT OF EXISTING SIDEWALK WILL REQUIRE MINOR GRADE ADJUSTMENTS TO INSTALL ADA RAMPS, CONTRACTOR SHALL PLAN WORK ACCORDINGLY, SIDEWALK RUNNING SLOPE GRADES WILL BE THE SAME AS THE ROAD WHEREVER POSSIBLE, WHERE NOT THE SAME AS THE ROAD, GRADE SHALL NOT EXCEED 5%.
 - 6) FINAL SURFACE, IN ALL AREAS, WILL BE GRADED TO DRAIN.
 - 7) SIDEWALK CAN BE NARROWED TO A MIN. 4' WHEN APPROVED BY ENGINEER, FOR SHORT DISTANCES, TO AVOID OBSTRUCTIONS.
 - 8) NON-WALKING SURFACE (SNOWSHELF), LANDSCAPING TO BE MAINTAINED AT 5' MIN., UNLESS APPROVED BY ENGINEER.
 - 9) WHEREVER PRACTICABLE, STRAIGHTEN APPROACH TO INTERSECTIONS.
 - 10) WHERE NOTED AREA WILL HAVE NO GREENSPACE AND SIDEWALK IS TO BE BUILT WITH MONOLITHIC BITUMINOUS CURB. SEE DETAIL.
 - 11) CONTRACTOR TO COORDINATE WITH TOWN AND HOMEOWNER TO ADJUST PRIVATE WALKWAYS TO MATCH SIDEWALK ELEVATION.
 - 12) WHEN CONTRACTOR ENCOUNTERS LANDSCAPING, PLANTS, OR OTHER OBSTRUCTIONS TO WORK, CONTRACTOR IS TO CONTACT ENGINEER FOR APPROVAL BEFORE ANY ACTION IS TAKEN. TREE ROOTS THAT ARE ENCOUNTERED SHOULD NOT BE REMOVED WITHOUT REVIEW OF TOWN ENGINEER.
 - 13) NEW CROSSWALKS TO BE PAINTED, BY OTHERS, TO MEET ALL TOWN AND STATE STANDARDS.
 - 14) EXISTING CROSSWALK TO BE REMOVED, BY OTHERS. NEW CROSSWALK TO BE ADJUSTED TO THE WEST OF EXISTING TO AVOID CONFLICT BETWEEN RAMPS AND CATCH BASINS.
 - 15) EXISTING W11-2 PED. XING SIGNS TO BE RELOCATED, BY OTHERS.
 - 16) WATER VALVE LOCATED IN/NEAR SIDEWALK, CONTRACTOR TO MATCH TO SIDEWALK ELEVATION.
 - 17) STOP BAR TO BE ADJUSTED, BY OTHERS, AS NEEDED TO MEET STATE GUIDELINES.
 - 18) AREA BETWEEN CURB AND SIDEWALK, IN AREAS WHERE MONOLITHIC BITUMINOUS CURB IS TO BE BUILT, SHOULD BE MIN 8" AND A MAX 12". IF CONTRACTOR FINDS THIS BUFFER ZONE FALLS OUTSIDE THIS MIN OR MAX, TOWN ENGINEER WILL NEED TO BE CONSULTED BEFORE WORK PROCEEDS.

TABLE 1
STOPPING SIGHT DISTANCES FOR PROPOSED CROSSWALKS

HOPMEADOW STREET CROSSWALK, APPROXIMATELY 8' NORTH OF WIGGINS FARM DRIVE INTERSECTION (ALL DISTANCE ARE APPROXIMATE)

HOPMEADOW STREET (ALL DISTANCES ARE APPROXIMATE)

NORTH 600'
SOUTH 650'


AT POSTED SPEED LIMIT OF 35MPH ALL CROSSWALKS MEET THE REQUIRED STOPPING SIGHT DISTANCE

TABLE 2
SIGNS AND ADVANCED SIGNS FOR PROPOSED CROSSWALKS

HOPMEADOW STREET (8' NORTH OF WIGGINS FARM DRIVE) (ALL DISTANCES ARE APPROXIMATE)

NORTH BOUND
ADVANCE SIGN
W11-2 WITH W16-2AP (400FT) /EXISTING SIGN TO REMAIN
AT CROSSWALK
W11-2 WITH W16-7PL /EXISTING SIGN TO BE RELOCATED TO NEW CROSSWALK LOCATION
SOUTHBOUND
ADVANCE SIGN
W11-2 WITH W16-2AP (300FT) /EXISTING SIGN TO REMAIN
AT CROSSWALK
W11-2 WITH W16-7PL /EXISTING SIGN TO BE RELOCATED TO NEW CROSSWALK LOCATION

BY					
DATE					
REVISION					
NO.					



TOWN OF SIMSBURY
DEPARTMENT OF PUBLIC WORKS
66 TOWN FOREST ROAD
SIMSBURY CONNECTICUT

HOPMEADOW STREET SIDEWALK IMPROVEMENTS


DRAWN BY: RH	CHECKED BY: YYY
DATE JUNE 6TH, 2022	SCALE: NONE

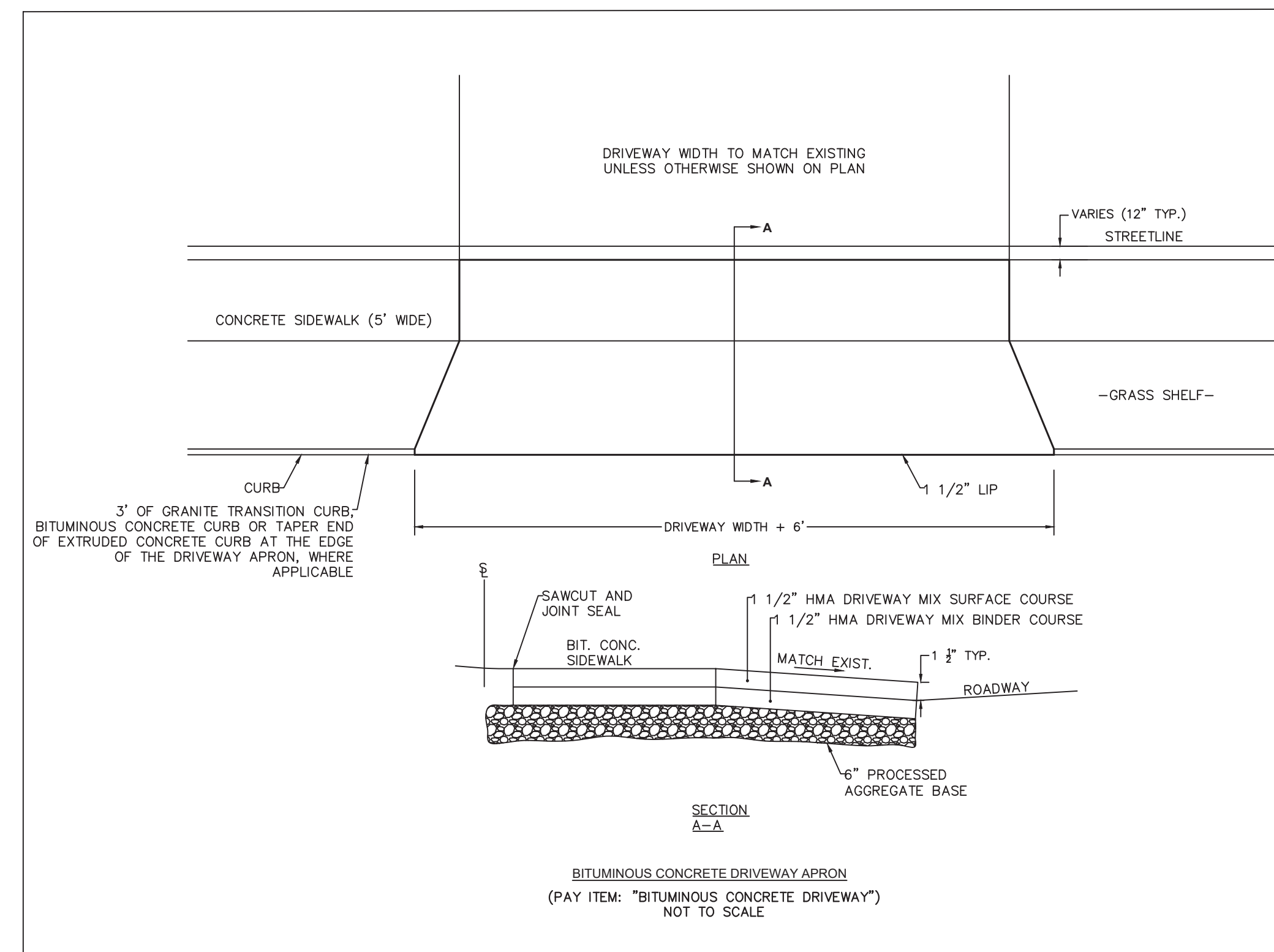
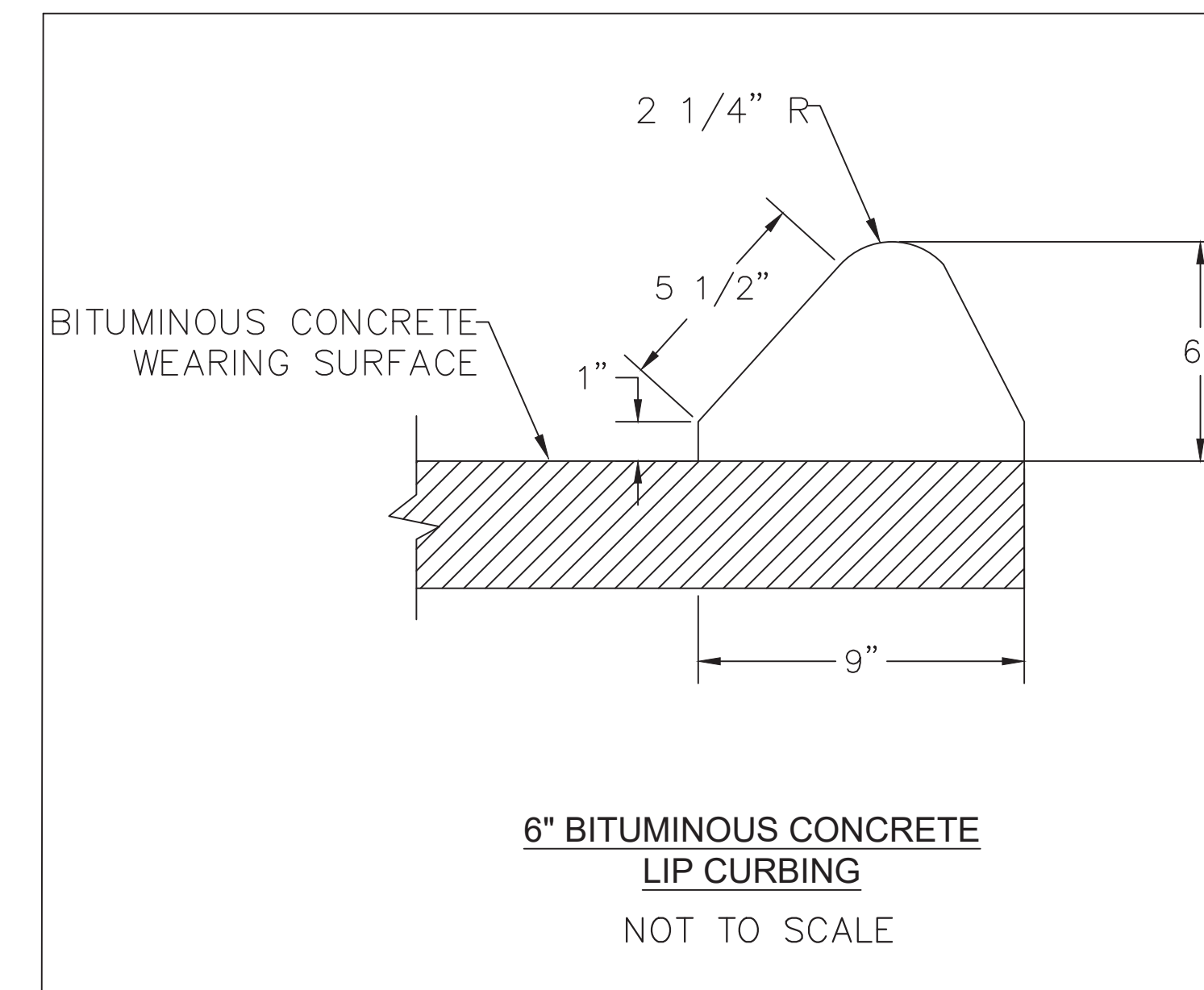
SHEET
DWG-01

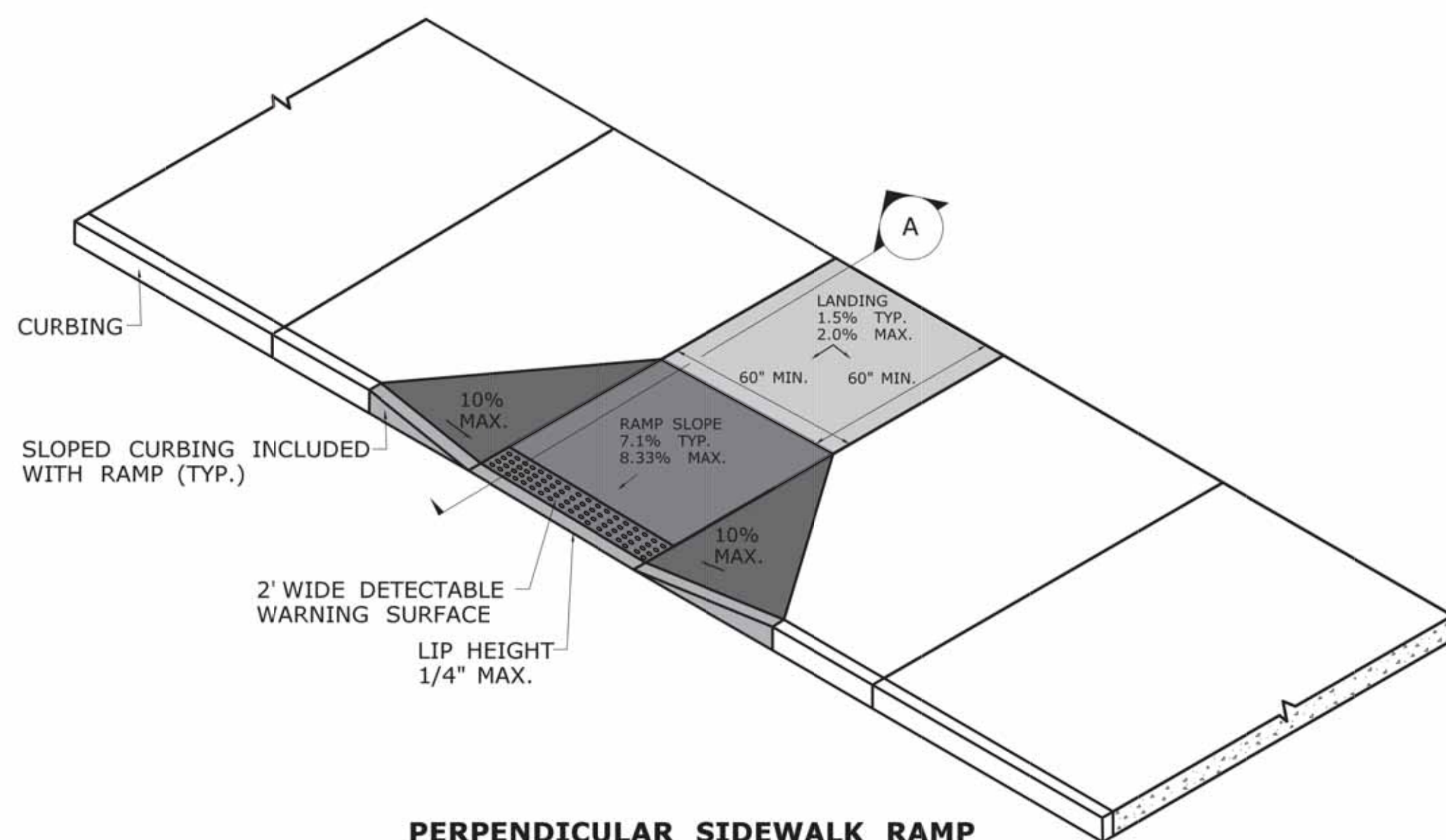


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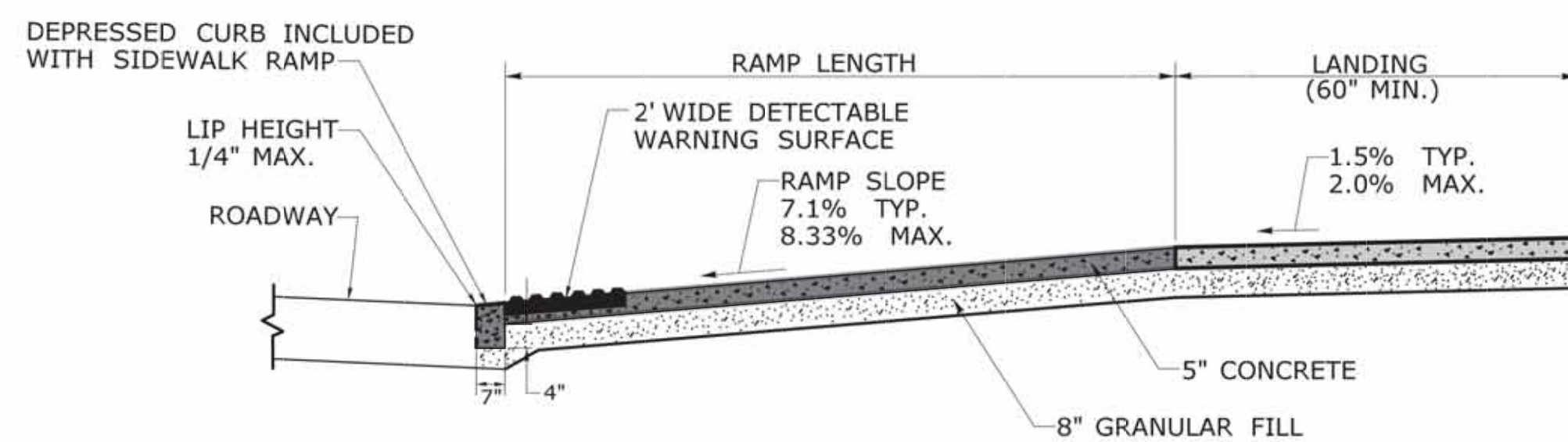
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BY						
DATE						
REVISION						
NO.						
						
TOWN OF SIMSBURY DEPARTMENT OF PUBLIC WORKS 66 TOWN FOREST ROAD SIMSBURY CONNECTICUT						
HOPMEADOW STREET SIDEWALK IMPROVEMENTS						
DRAWN BY: RH		CHECKED BY: YYY				
DATE: JUNE 6TH, 2022		SCALE: NONE				
SHEET DWG-01						

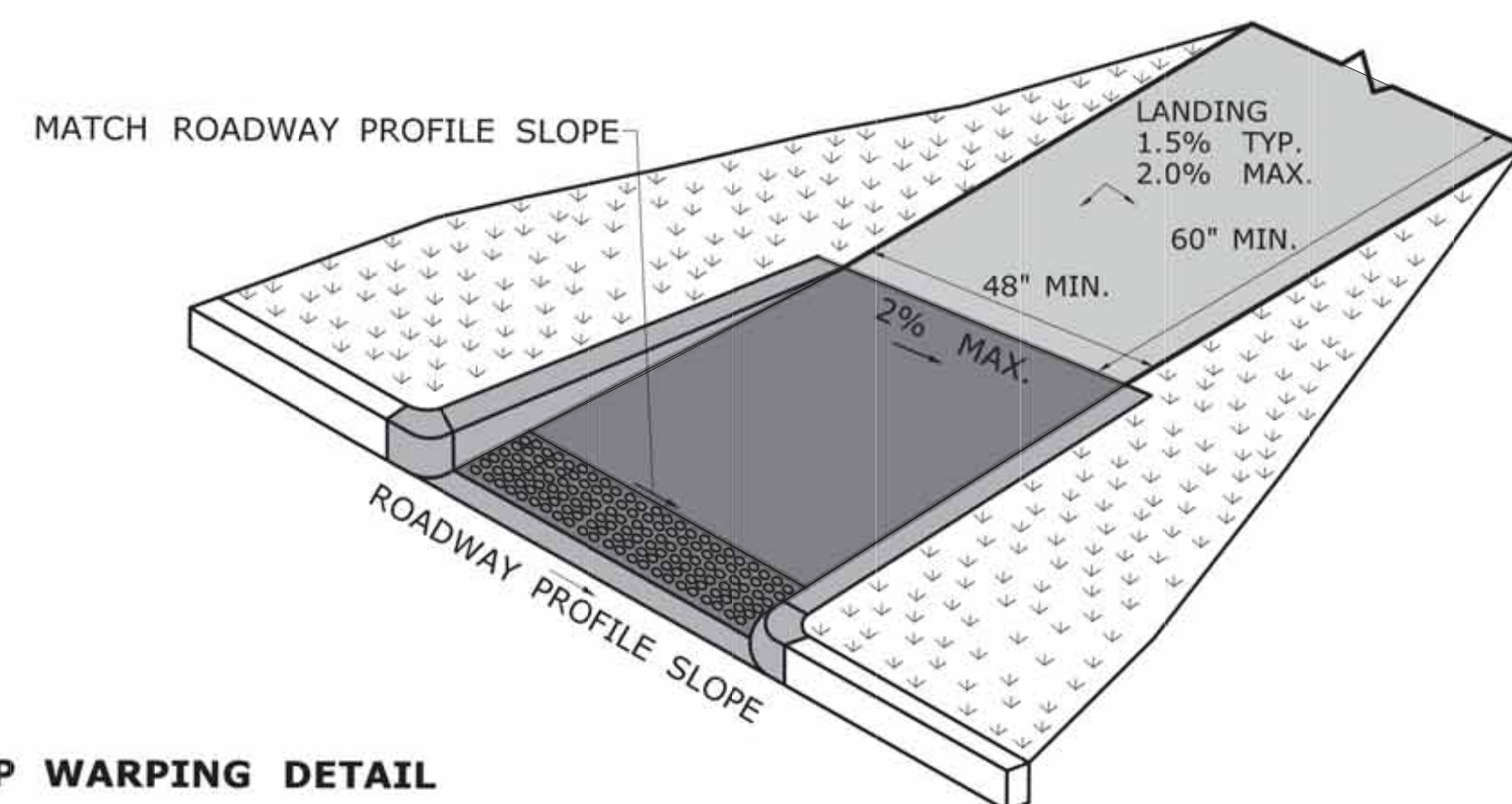
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PERPENDICULAR SIDEWALK RAMP AND SECTION

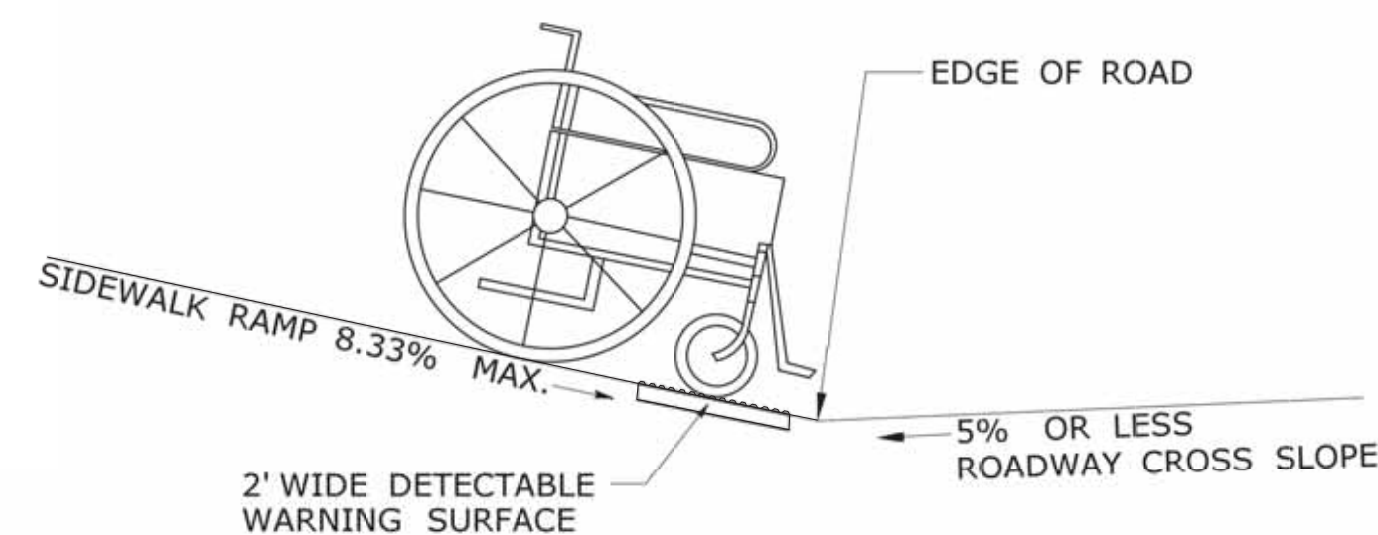


SECTION A

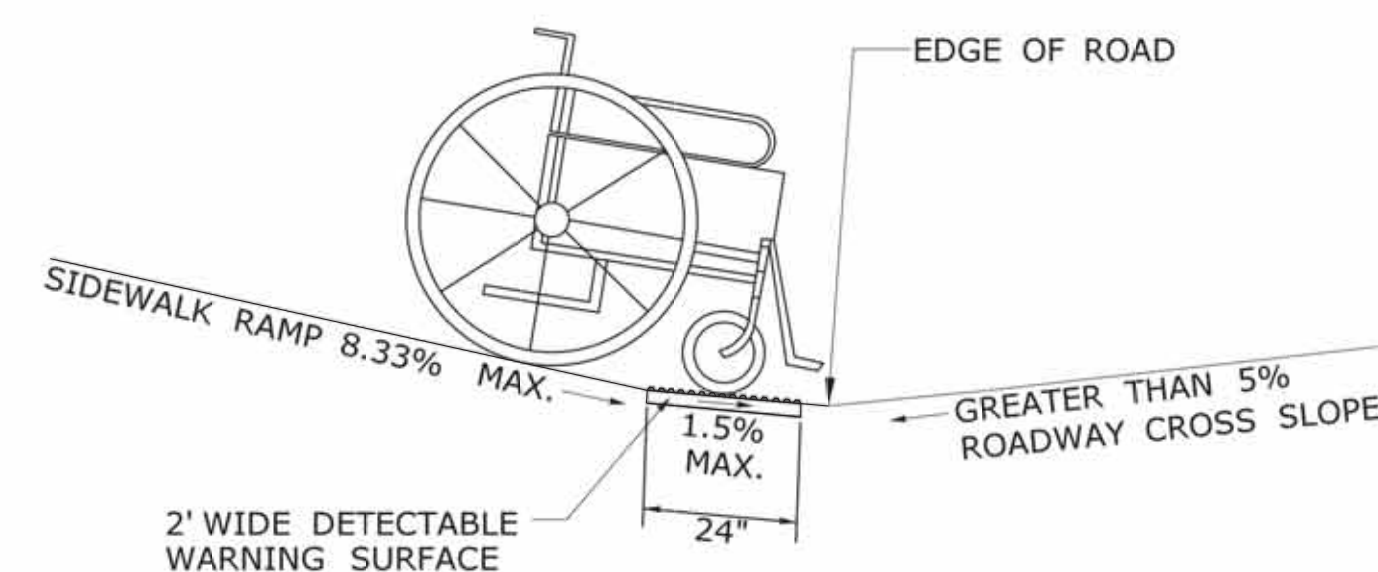


RAMP WARPING DETAIL

1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3 % PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE.
2. COMPLETE TRANSITION TO ROADWAY PROFILE BEHIND DETECTABLE WARNING SURFACE.



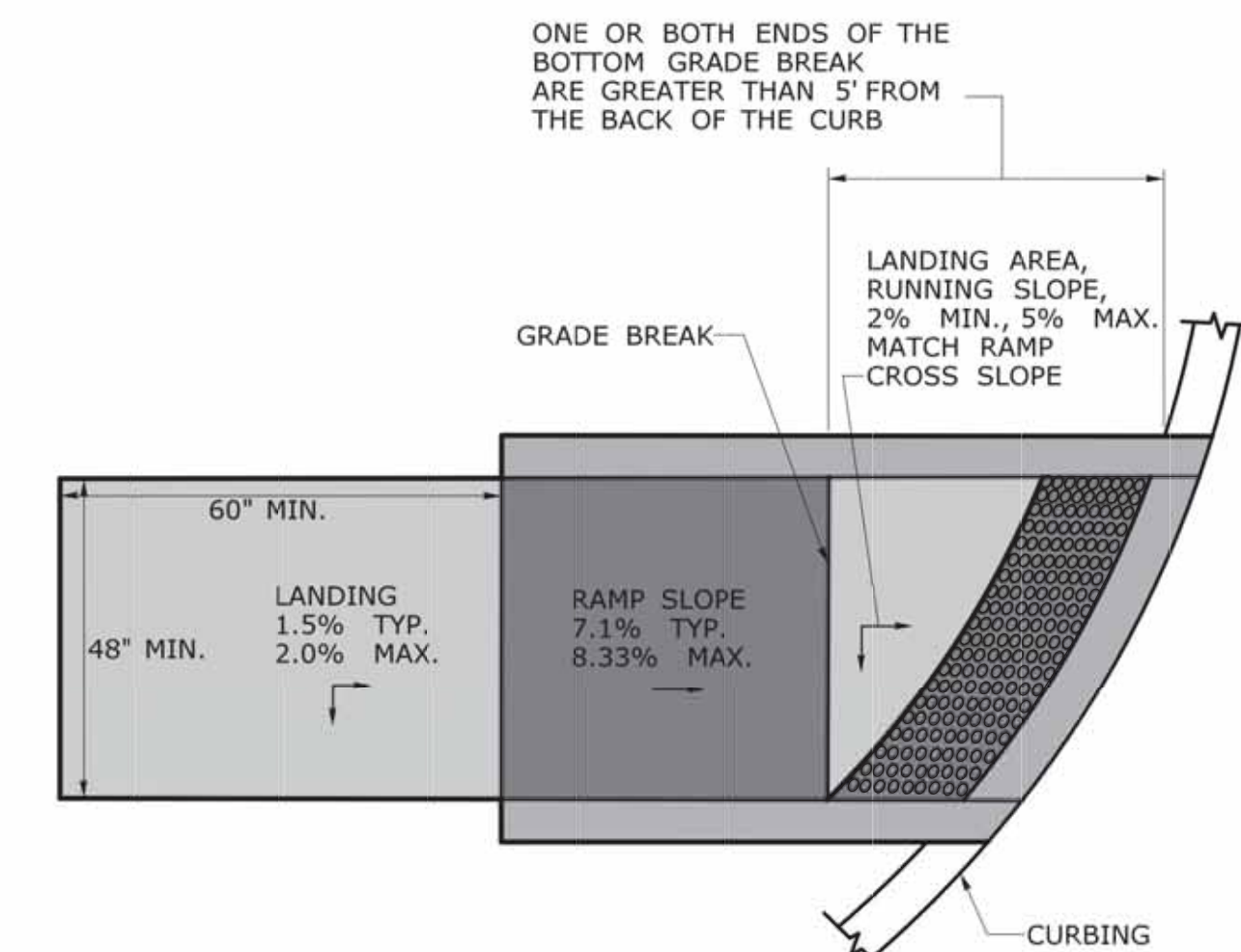
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE



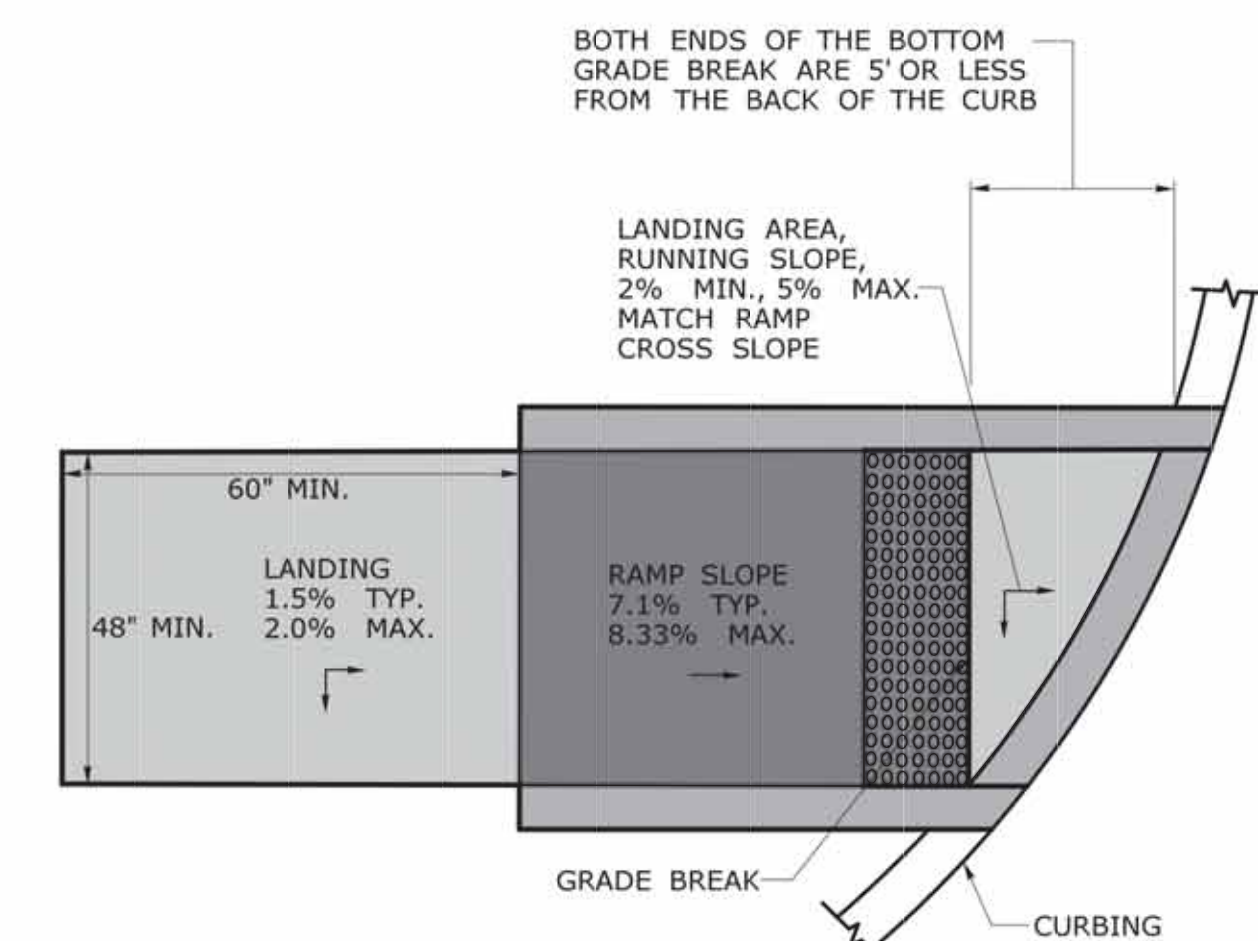
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE

GENERAL NOTES:

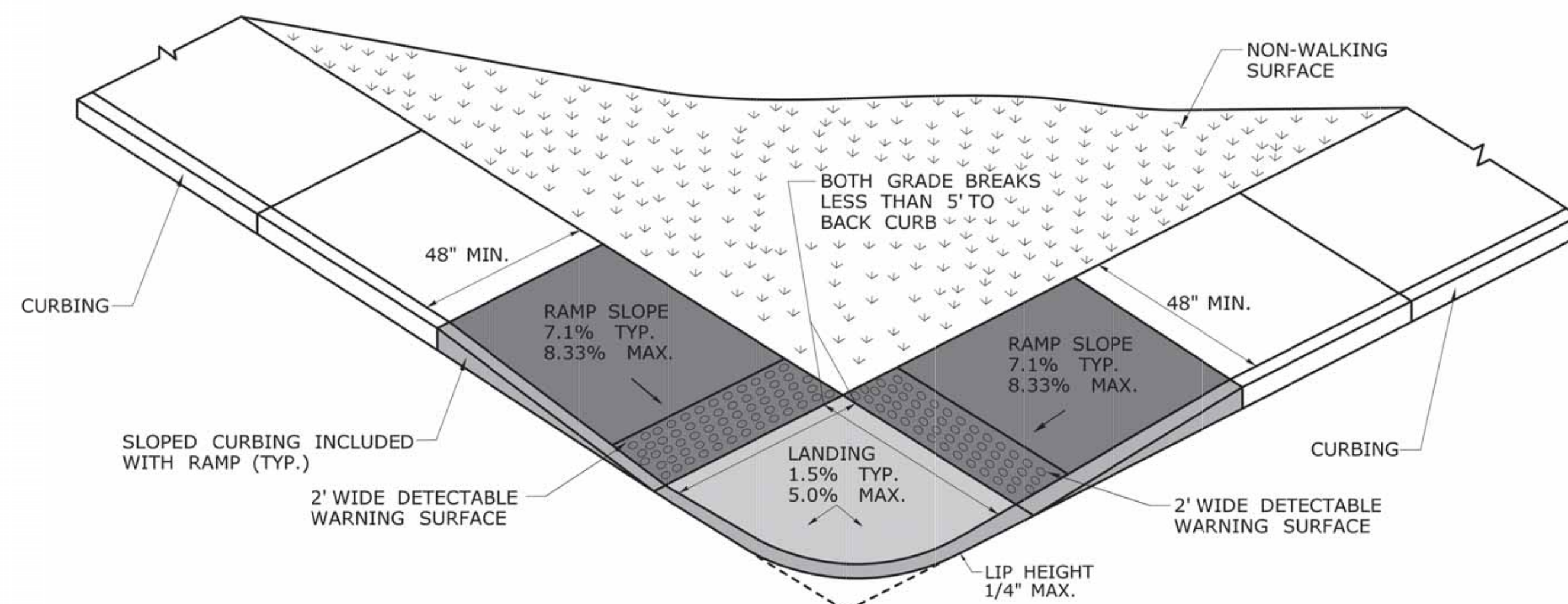
1. SIDEWALK RAMP SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED 1/4 INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.



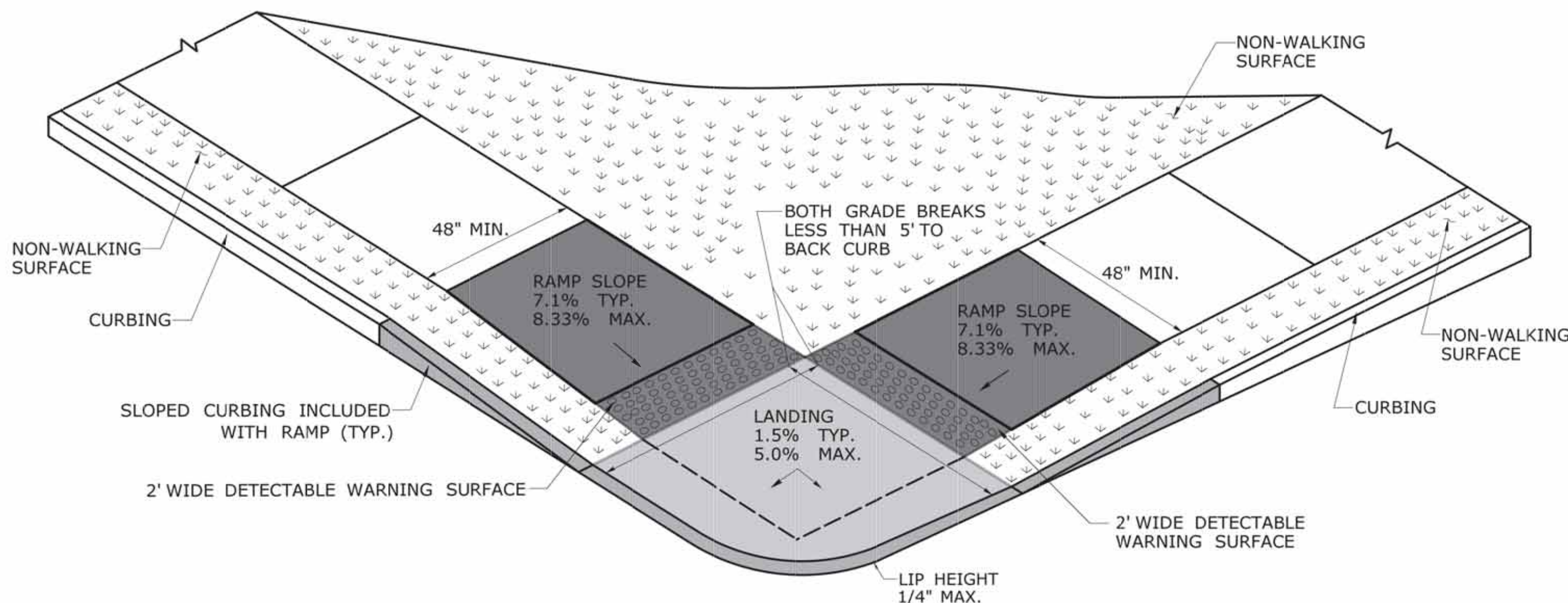
GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION



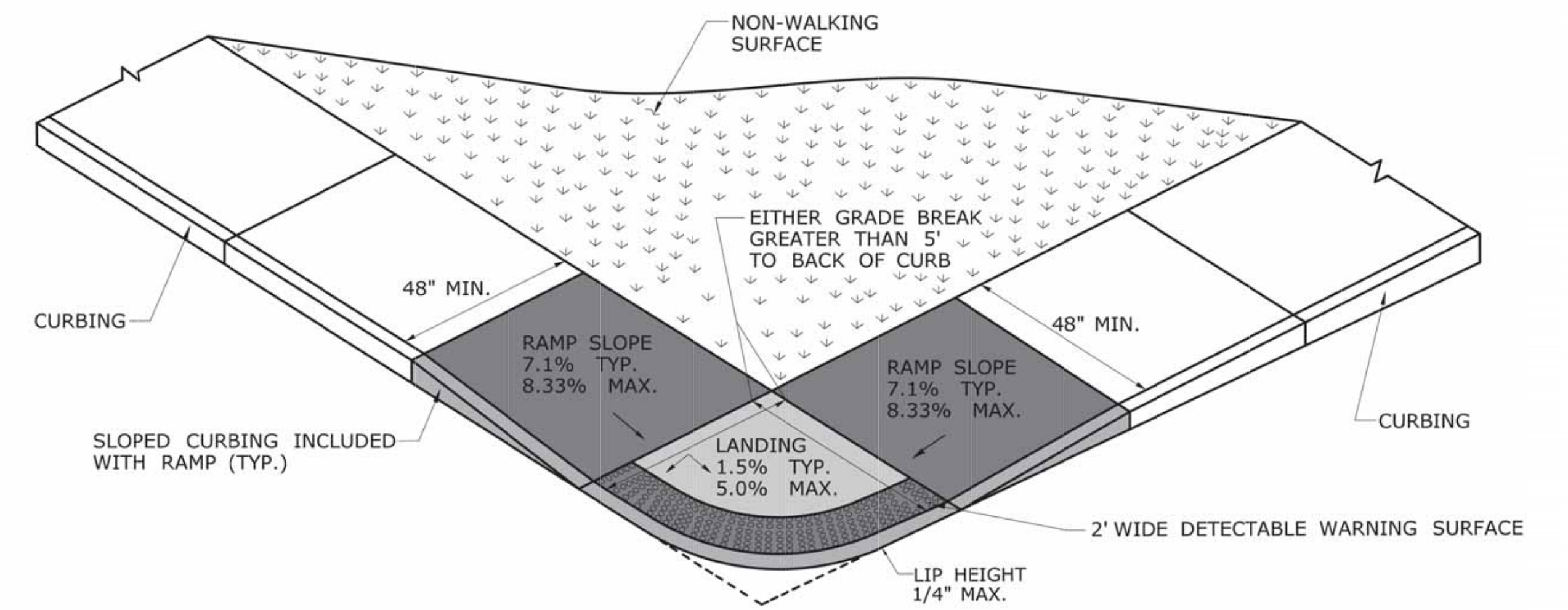
GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION



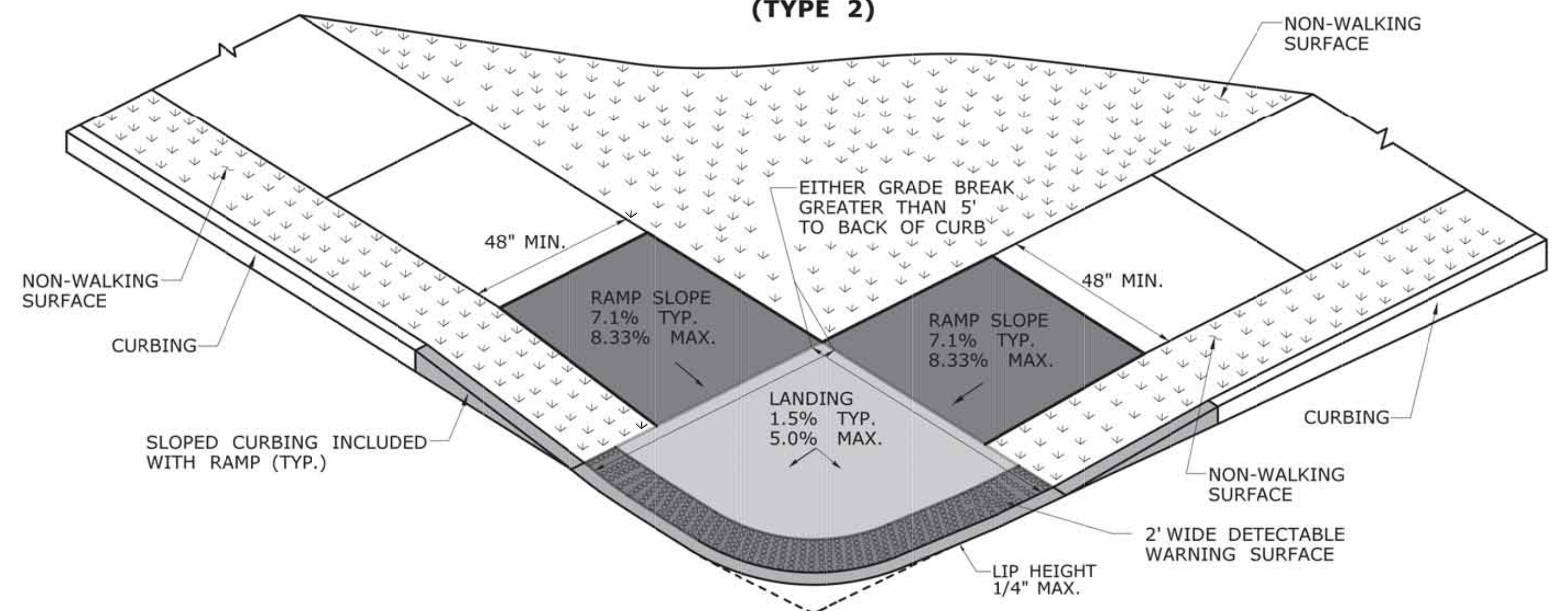
**PERPENDICULAR RAMP
WITH A GRADE BREAK OF 5' OR LESS
(TYPE 1)**



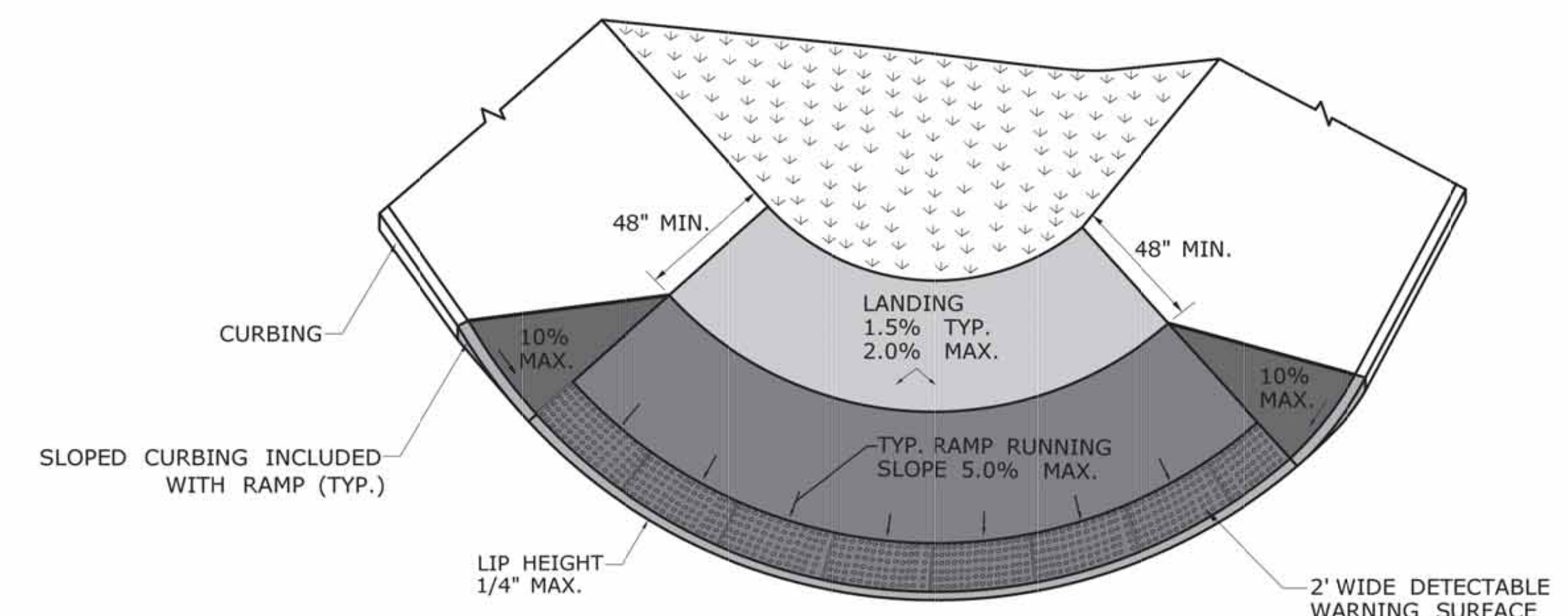
**PERPENDICULAR RAMP
WITH A GRADE BREAK
TO BACK OF CURB OF 5' OR LESS
(TYPE 3)**



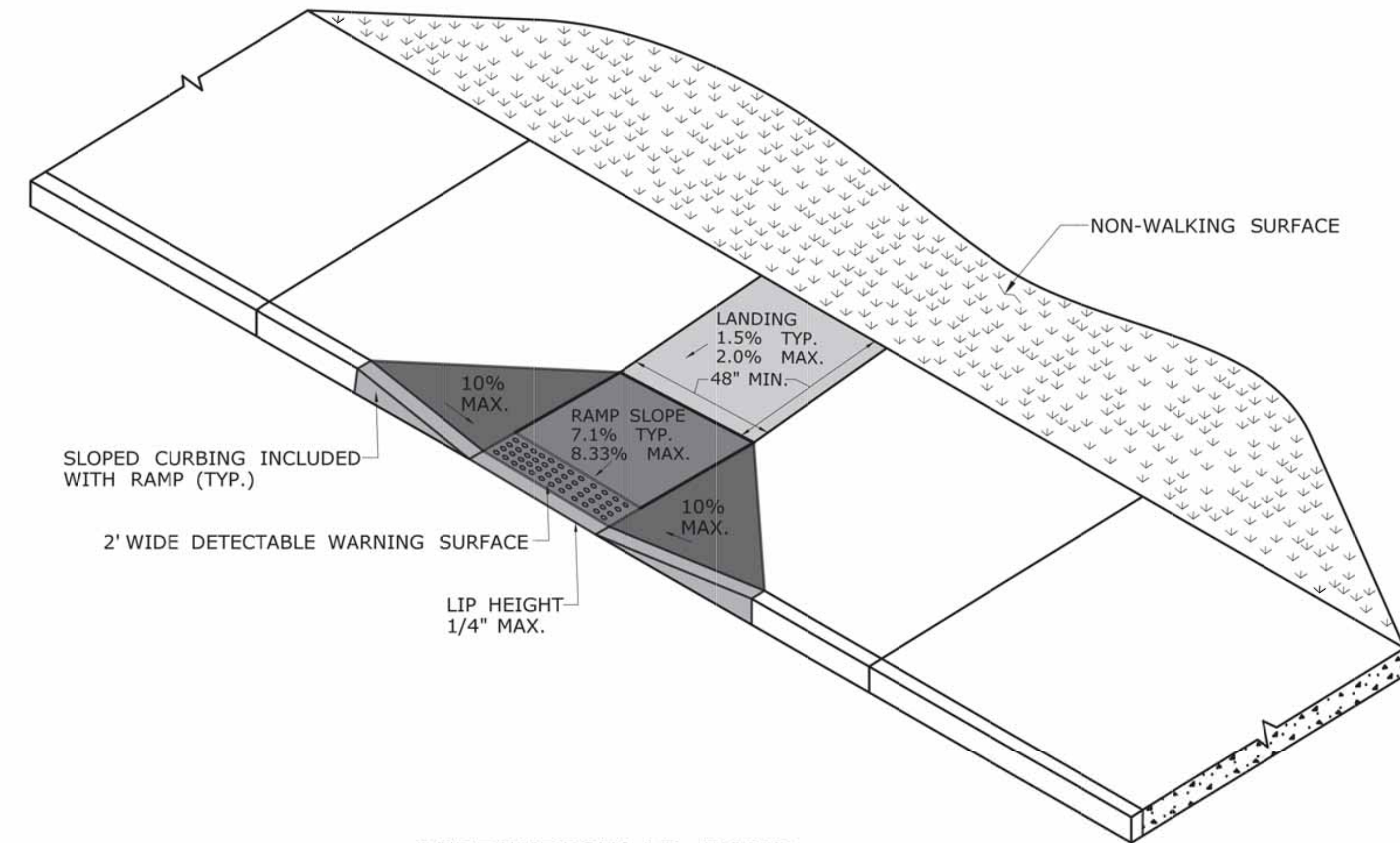
**BLENDED TRANSITION
WITH GRADE BREAK GREATER THAN 5'
(TYPE 2)**



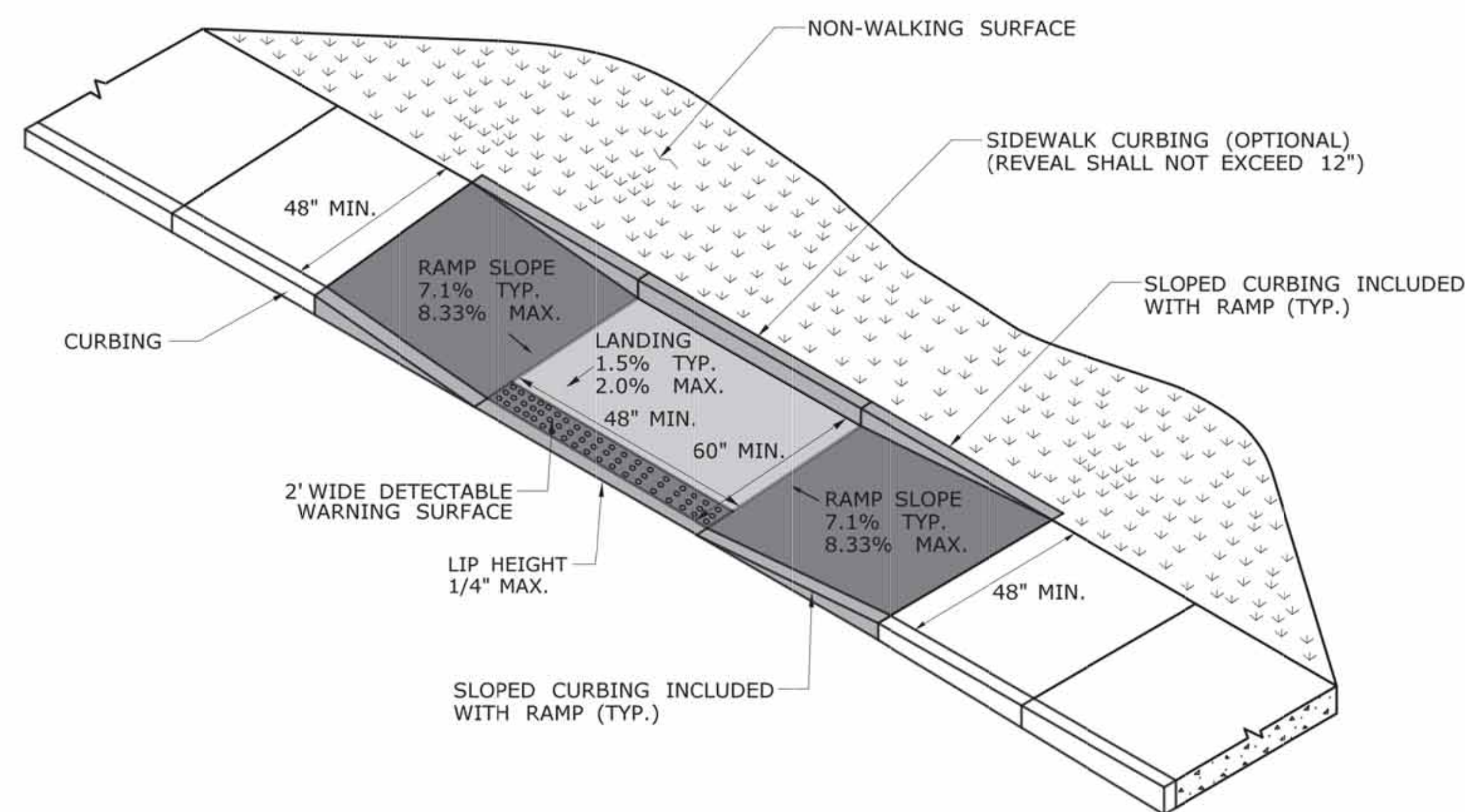
**BLENDED TRANSITION
WITH A GRADE BREAK
TO BACK OF CURB GREATER THAN 5'
(TYPE 4)**



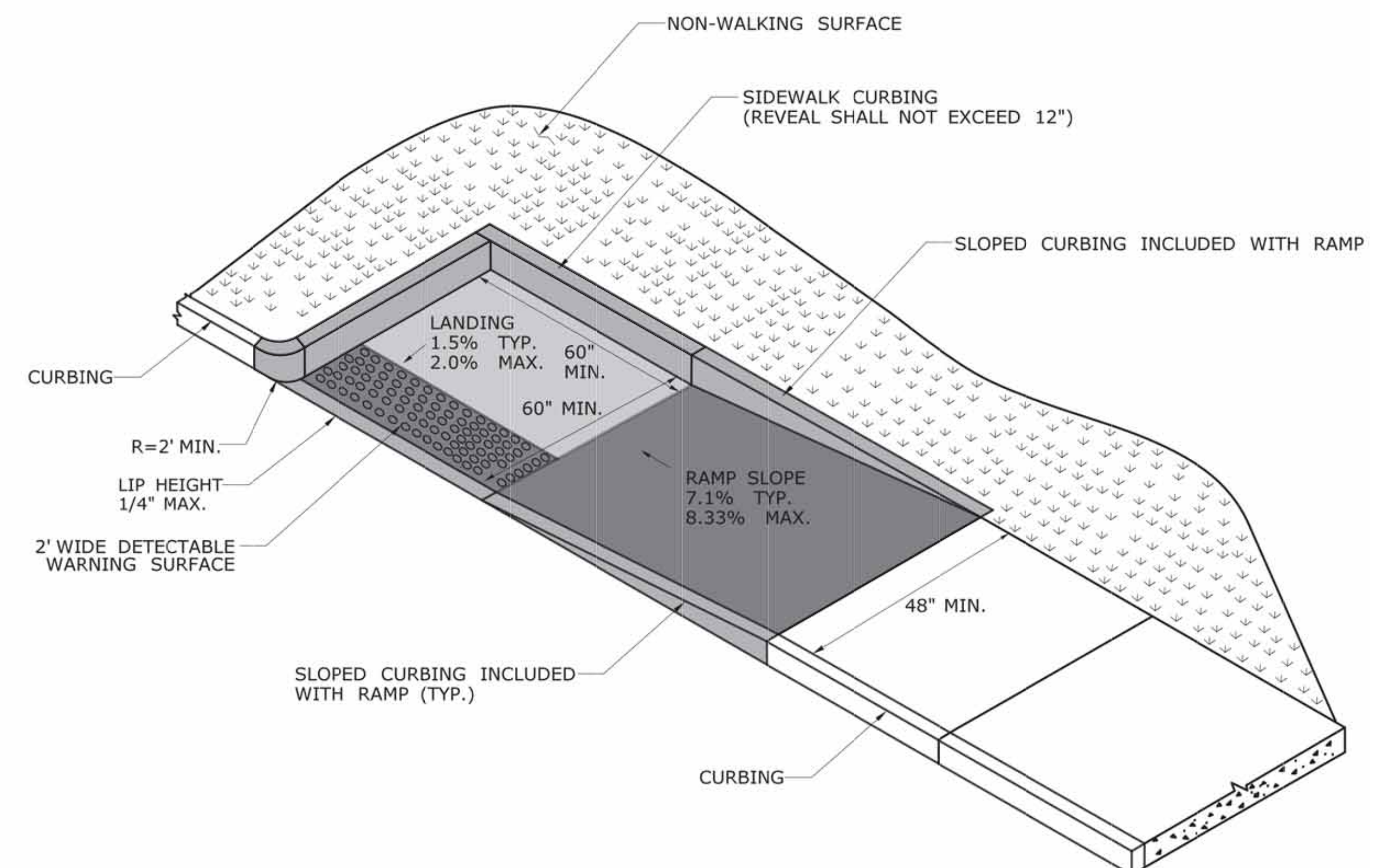
**BLENDED TRANSITION
WITH LANDING AT TOP
(TYPE 5)**



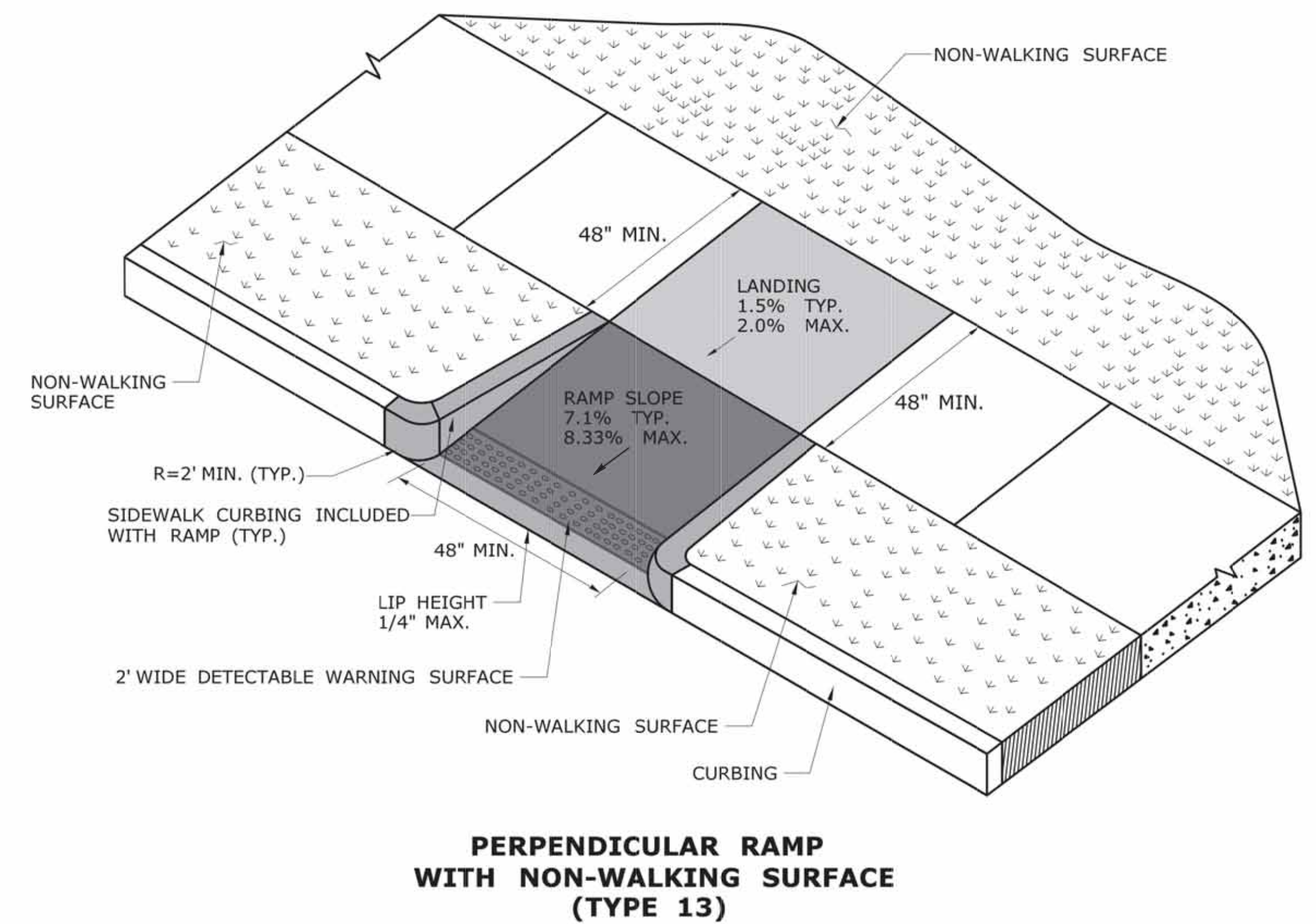
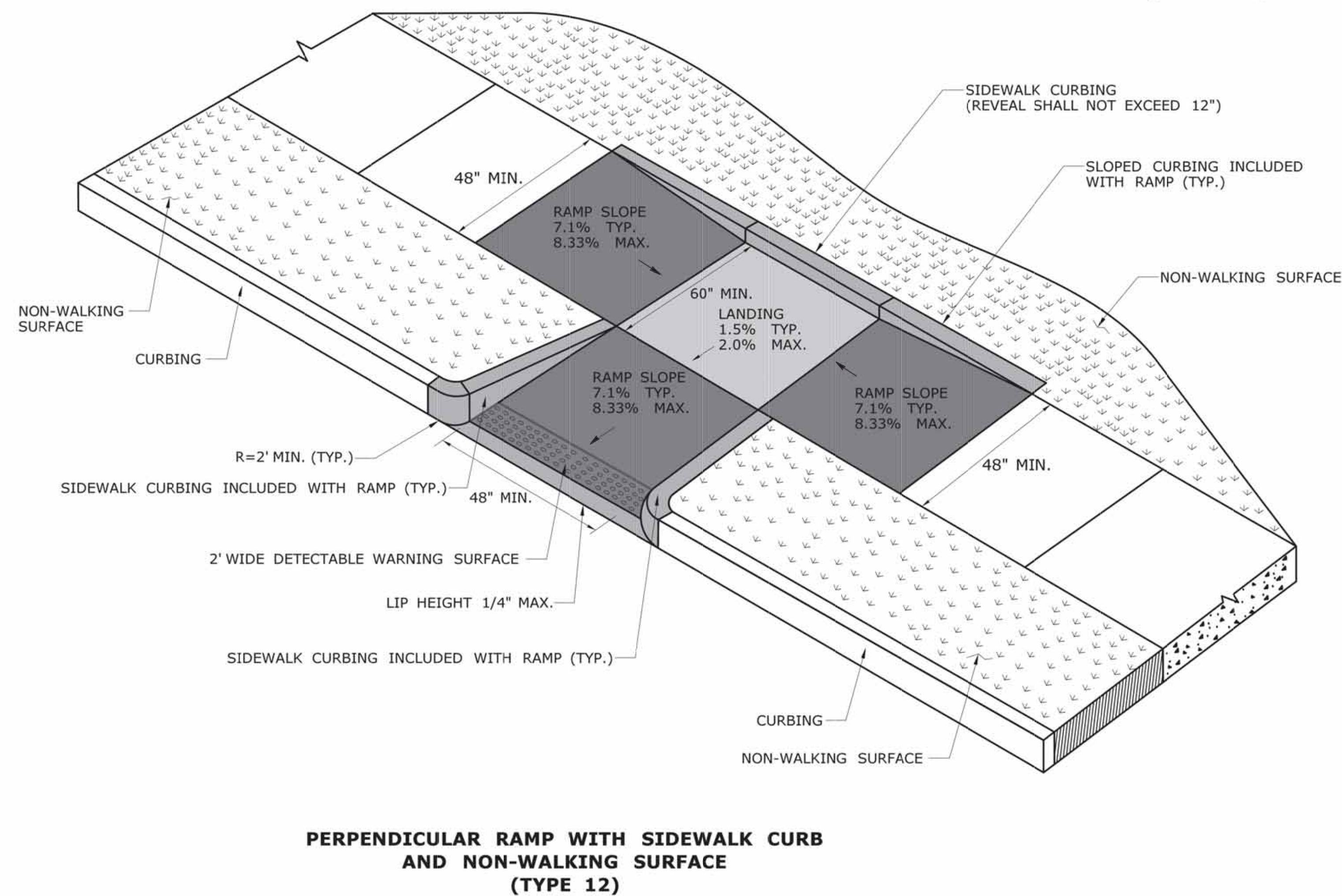
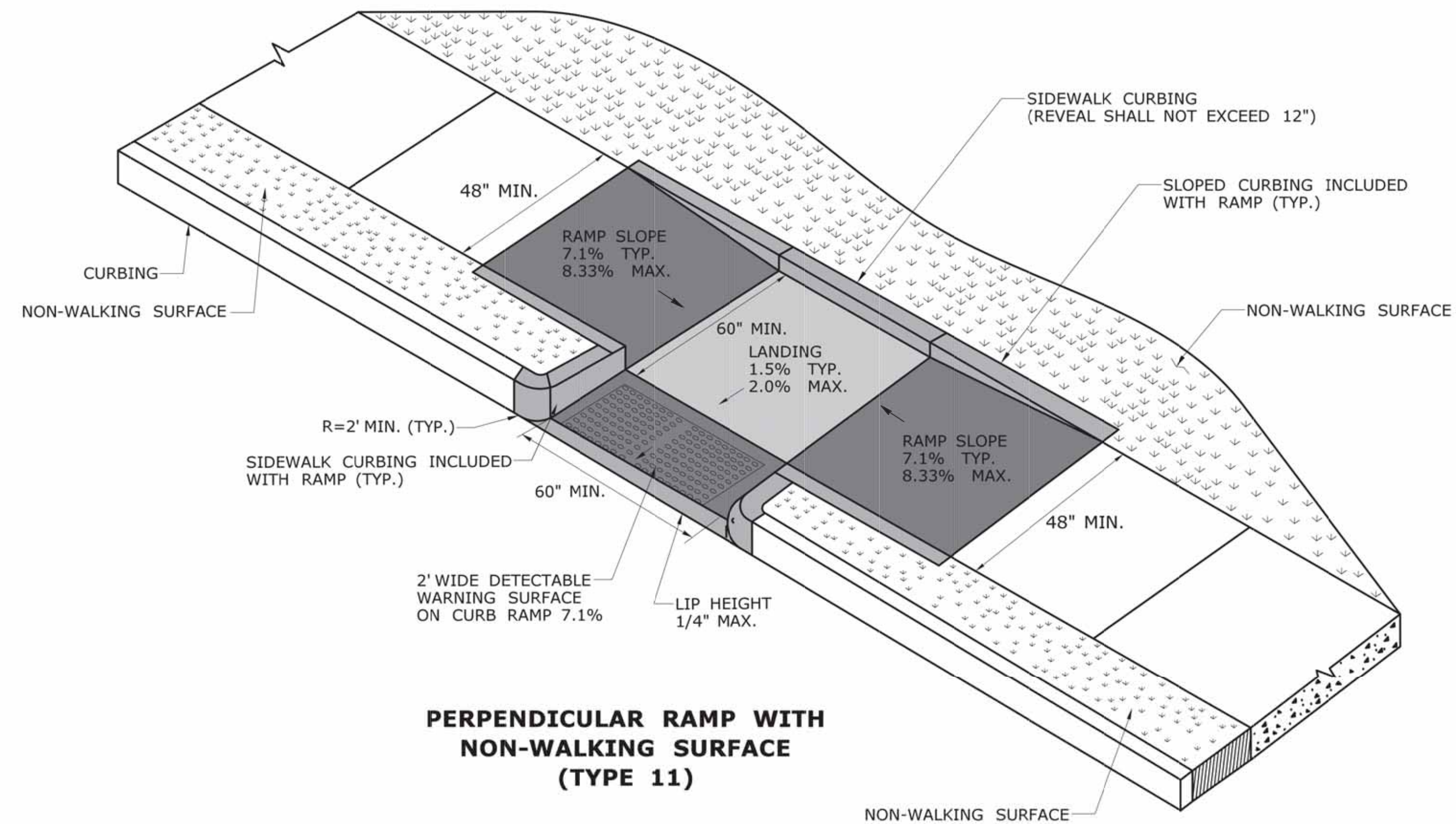
**PERPENDICULAR RAMP
WITH 48" BY-PASS
(TYPE 8)**

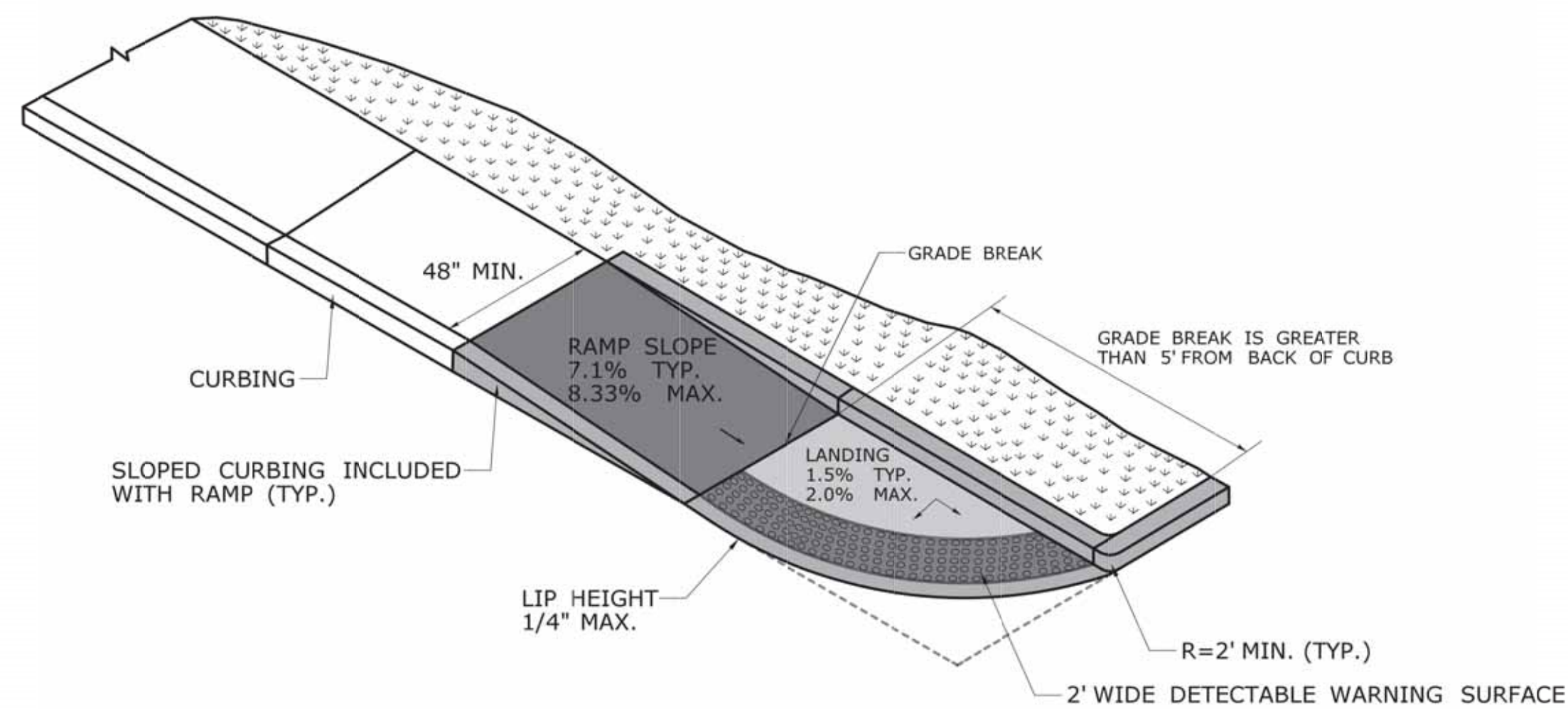


**PARALLEL RAMP WITHOUT
NON-WALKING SURFACE
(TYPE 9)**

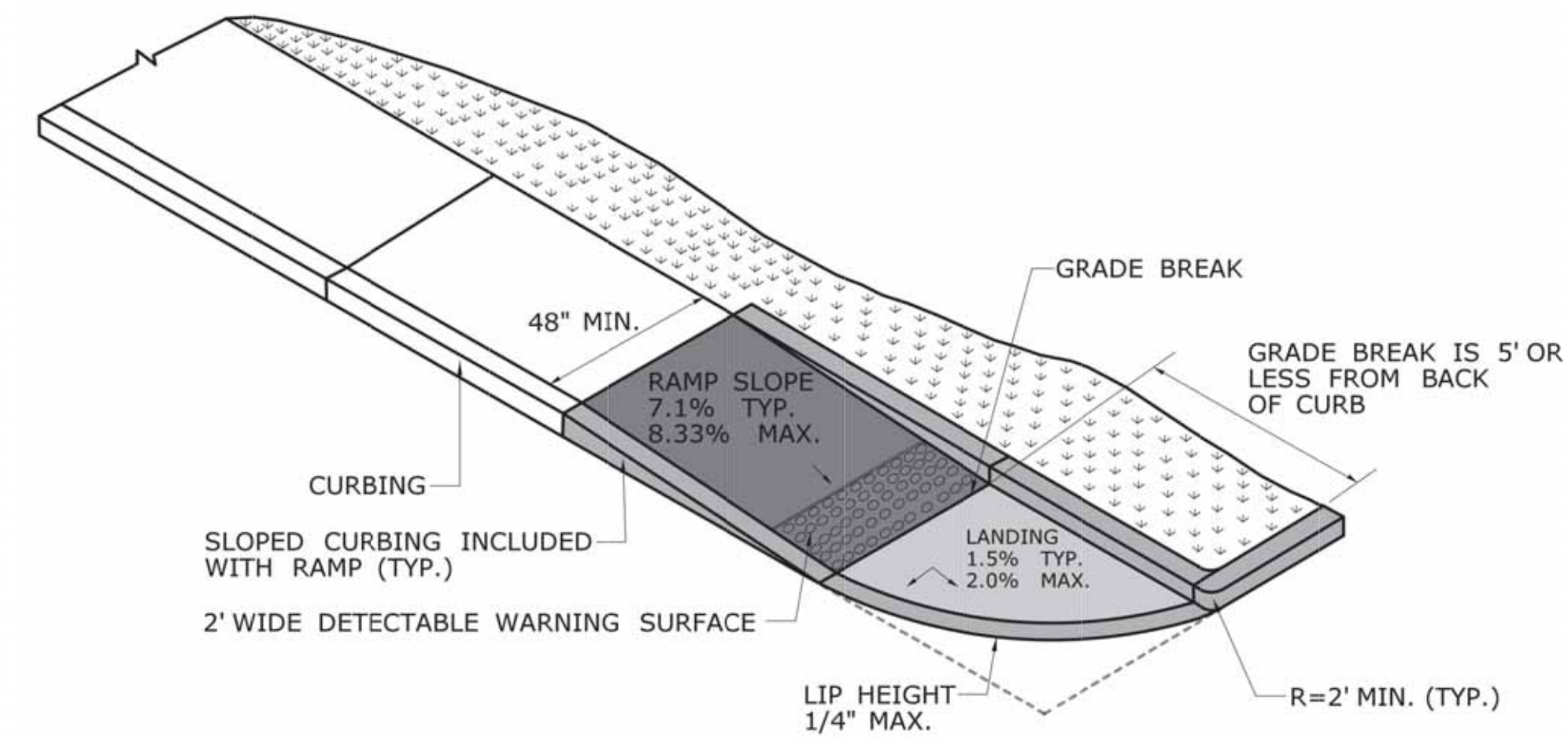


**PARALLEL RAMP
WITH LANDING AT BOTTOM ON CORNER
(TYPE 10)**

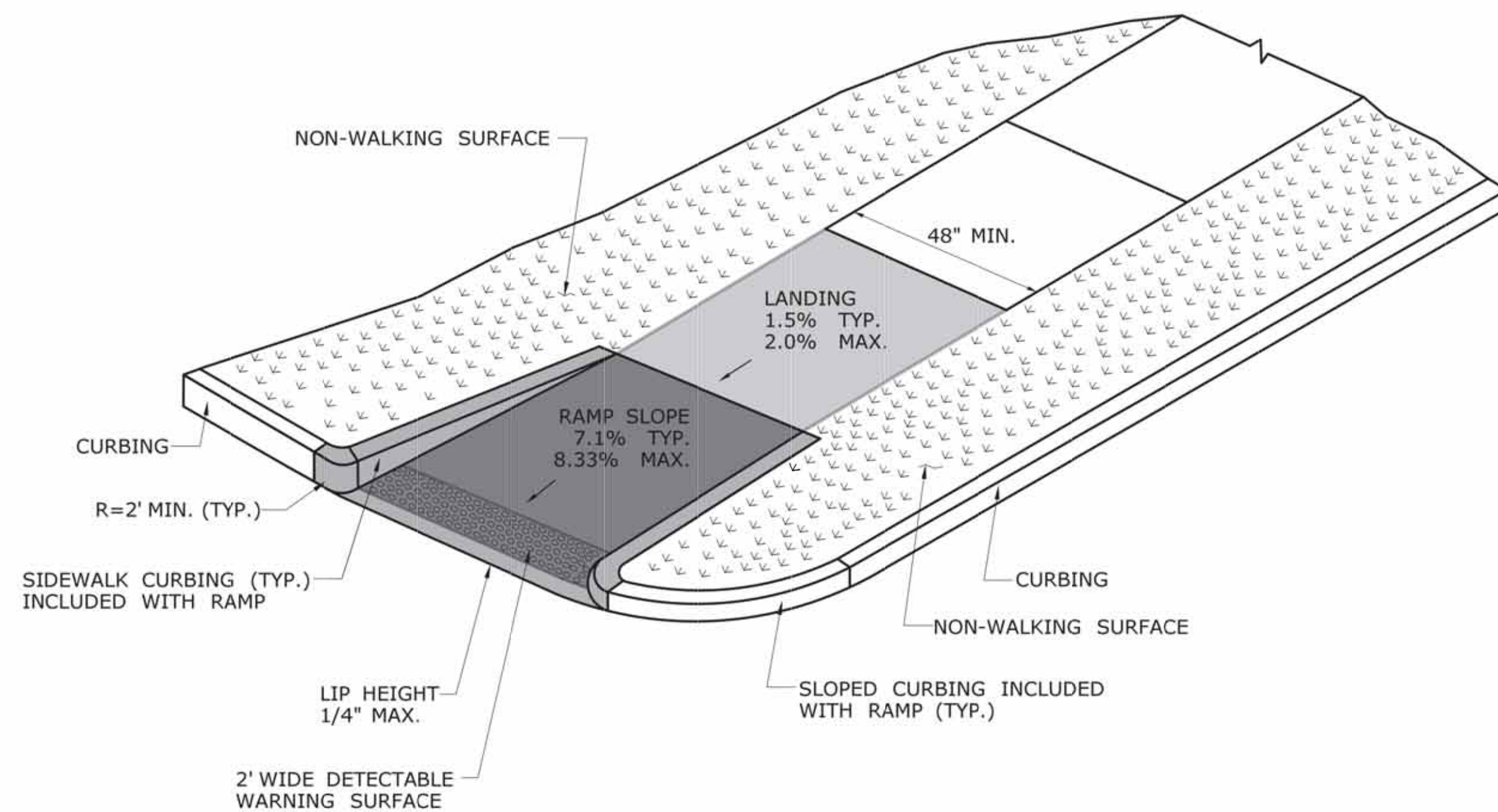




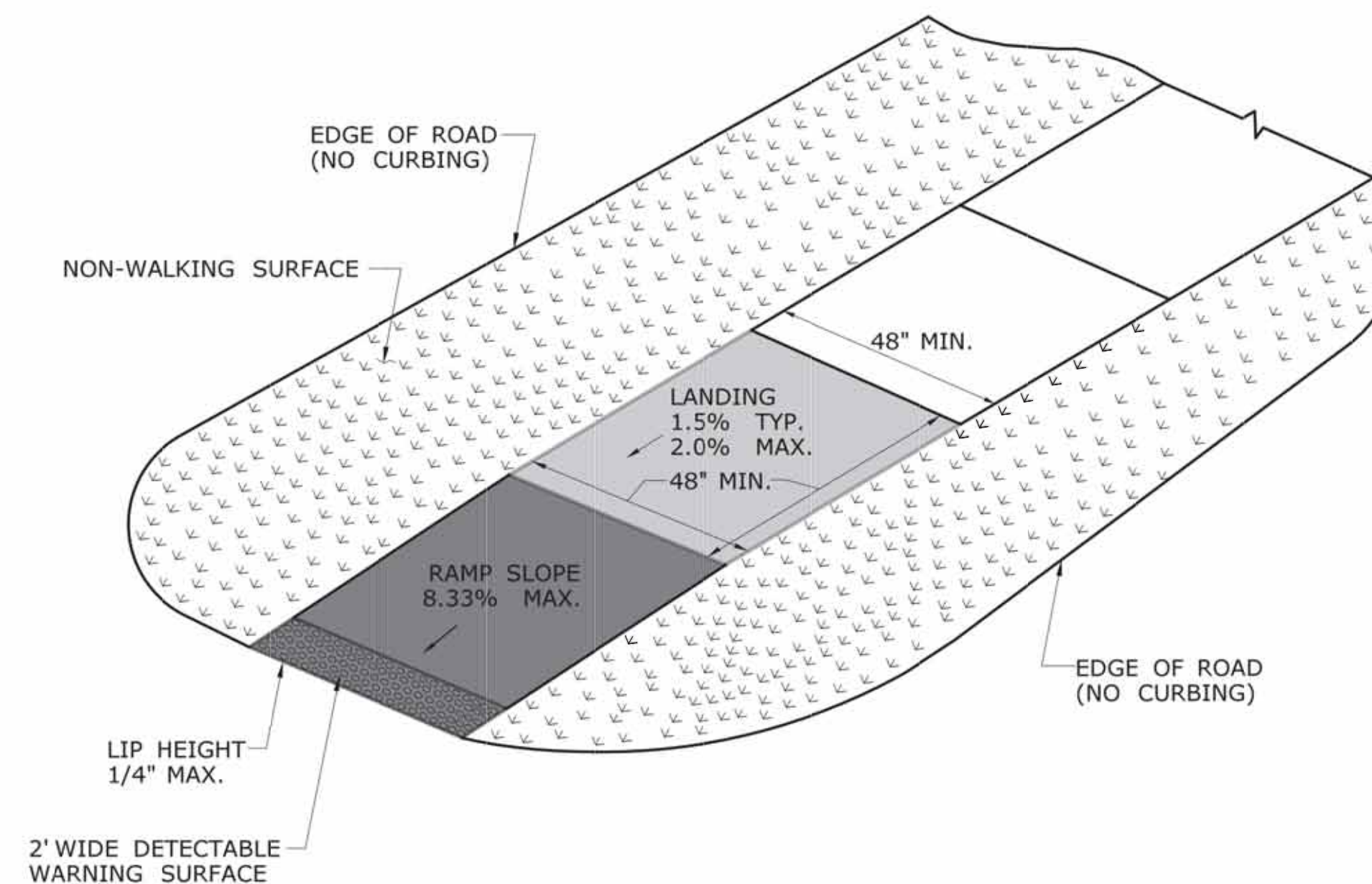
**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK GREATER THAN 5'
(TYPE 14)**



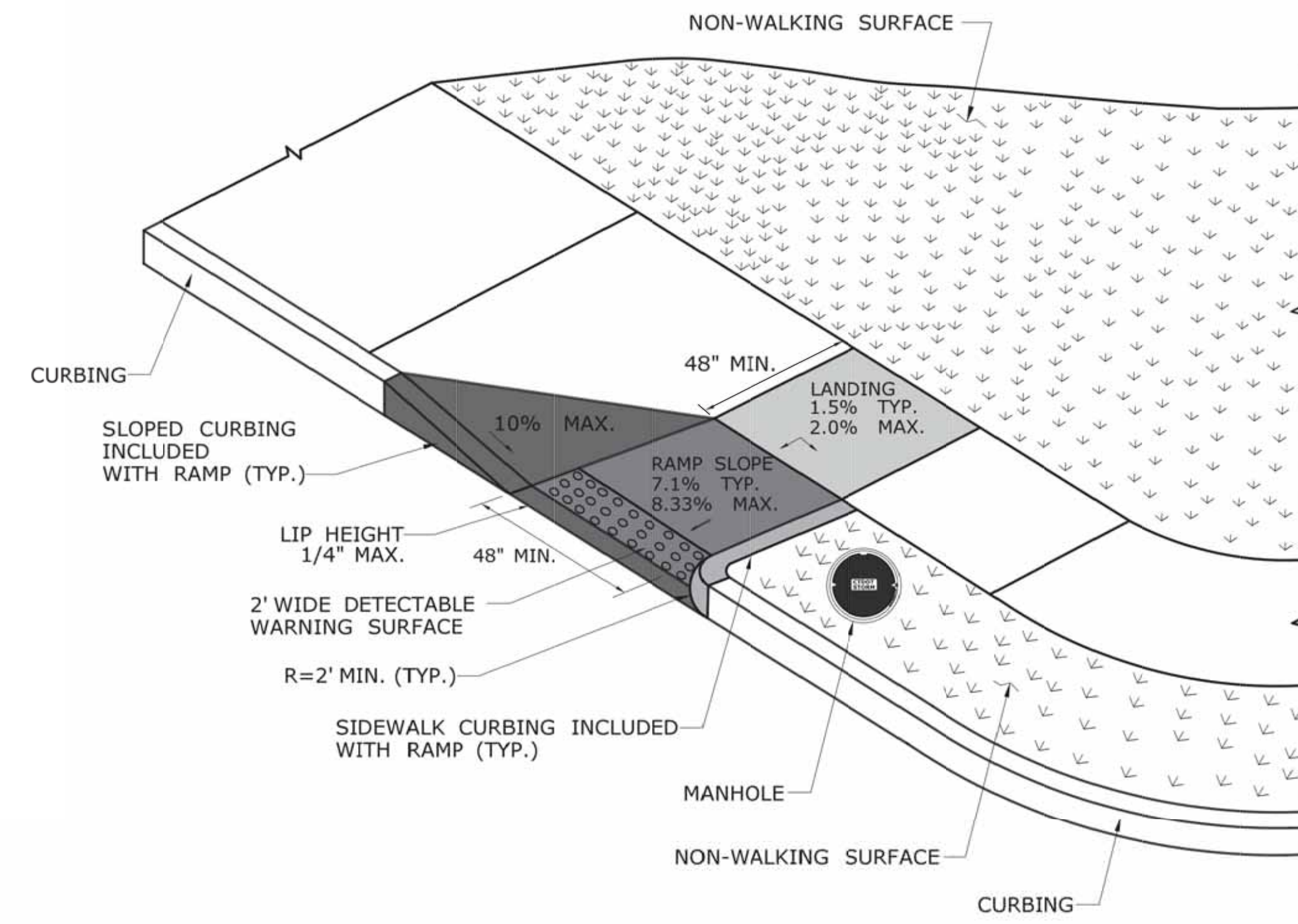
**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK 5' OR LESS
(TYPE 15)**



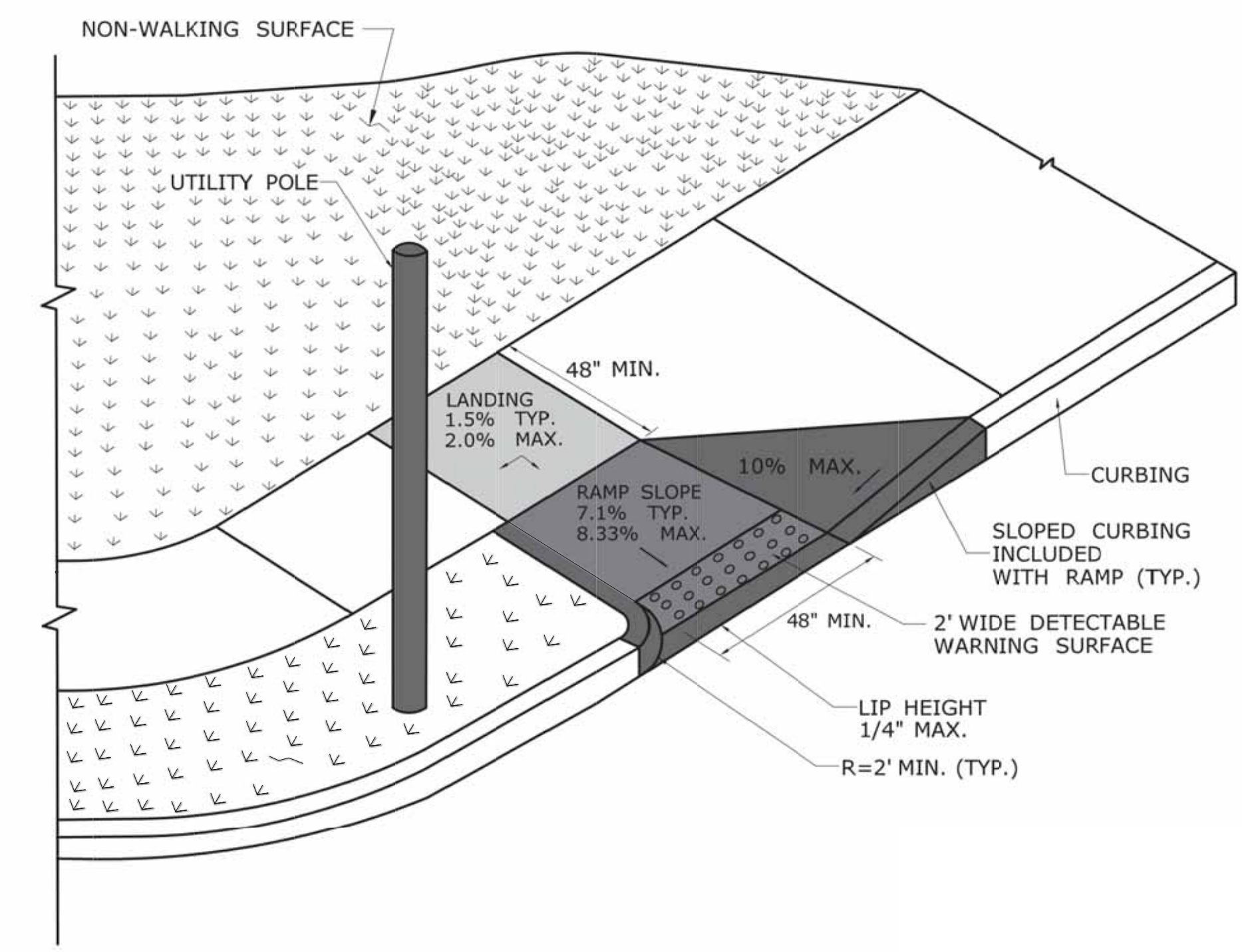
**SINGLE DIRECTION - RETURN CURB
WITH NON-WALKING SURFACE
(TYPE 16)**



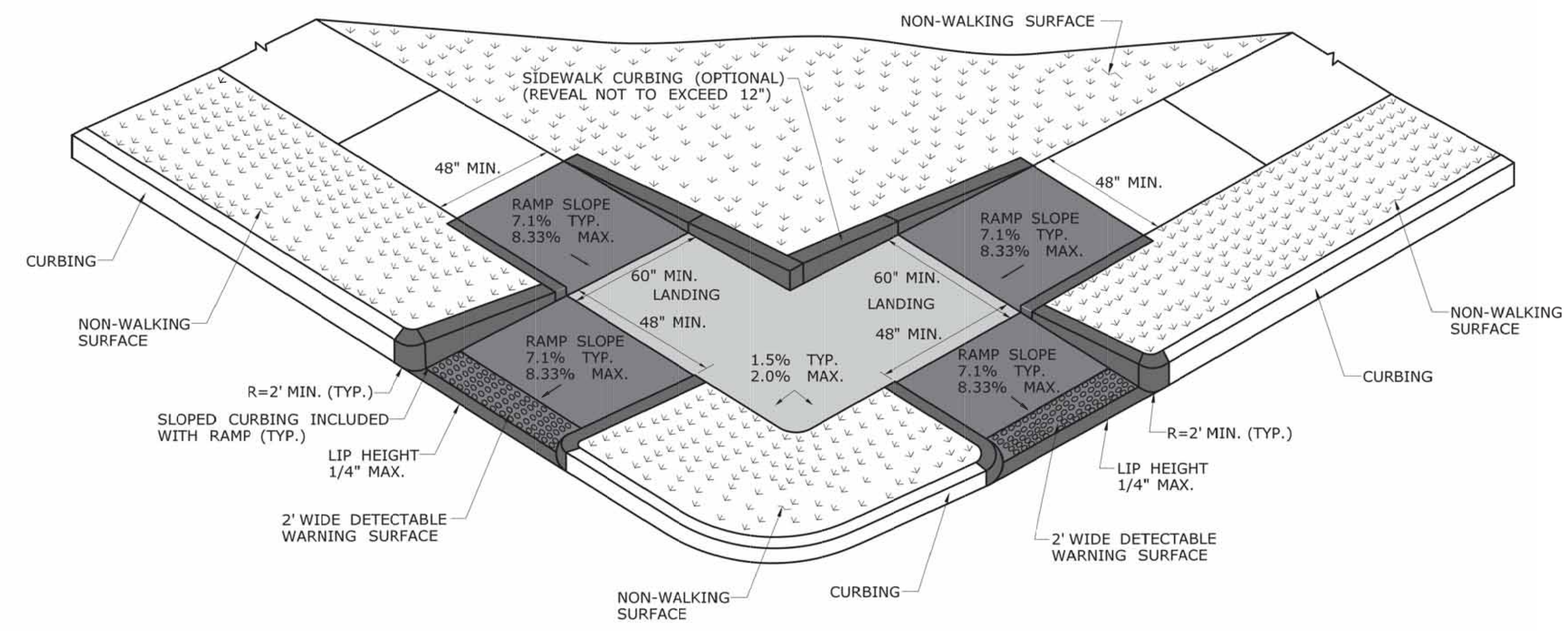
**SINGLE DIRECTION - NO CURB
WITH NON-WALKING SURFACE
(TYPE 17)**



**PERPENDICULAR RAMP
WITH NON-WALKING SURFACE
(TYPE 18 LEFT)**



**PERPENDICULAR RAMP
WITH NON-WALKING SURFACE
(TYPE 18 RIGHT)**



**PERPENDICULAR RAMP
WITH NON-WALKING SURFACE
(TYPE 19)**

DESIGNER/DRAFTER: _____ CHECKED BY: _____

SIGNATURE/
BLOCK:

OFFICE OF ENGINEERING
2800 BERLIN TURNPIKE
NEWINGTON, CT 06111

APPROVED BY: _____



STATE OF CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION

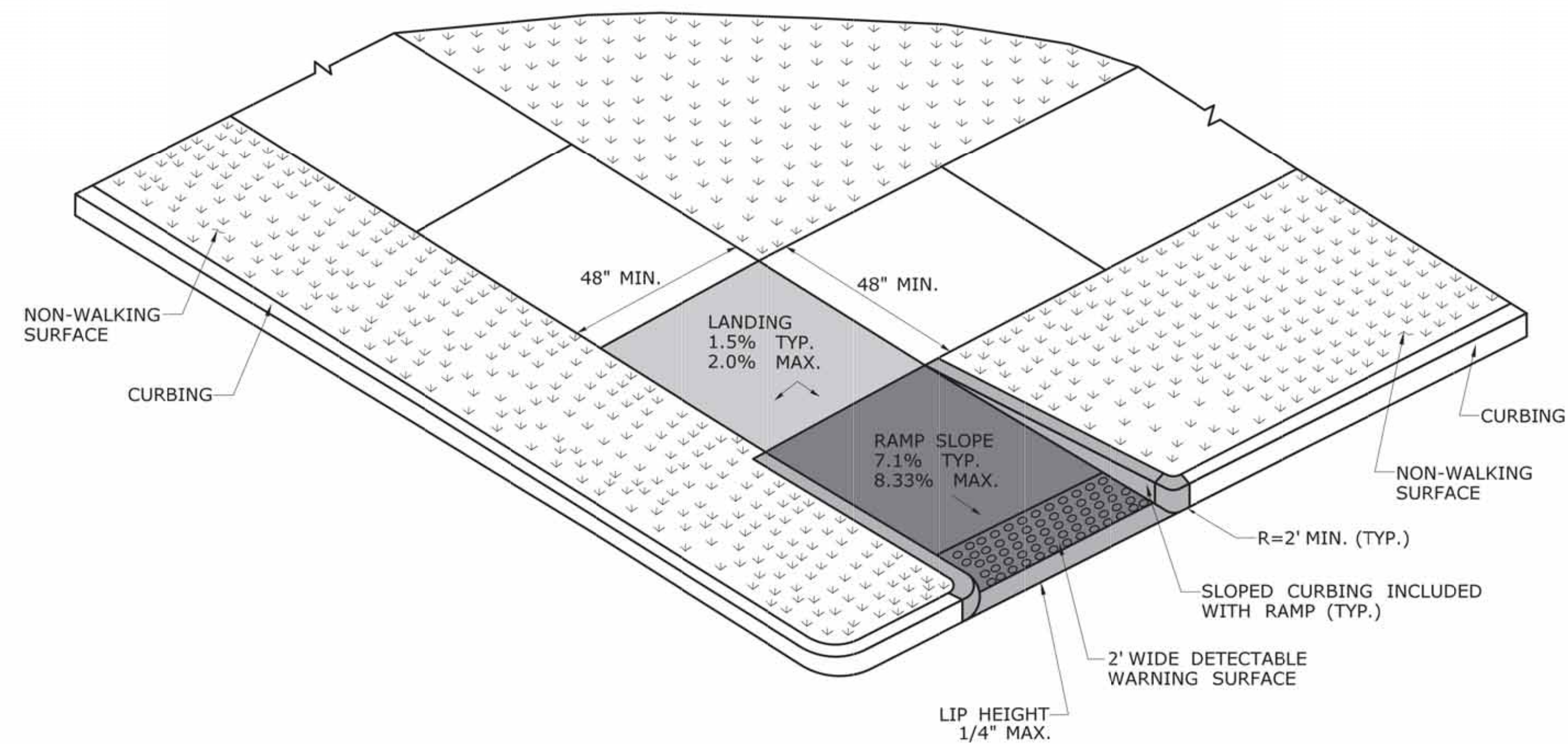


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PROJECT DESCRIPTION: ####
TOWN(S): ####
DRAWING TITLE: CONCRETE SIDEWALK RAMP SHEET 7

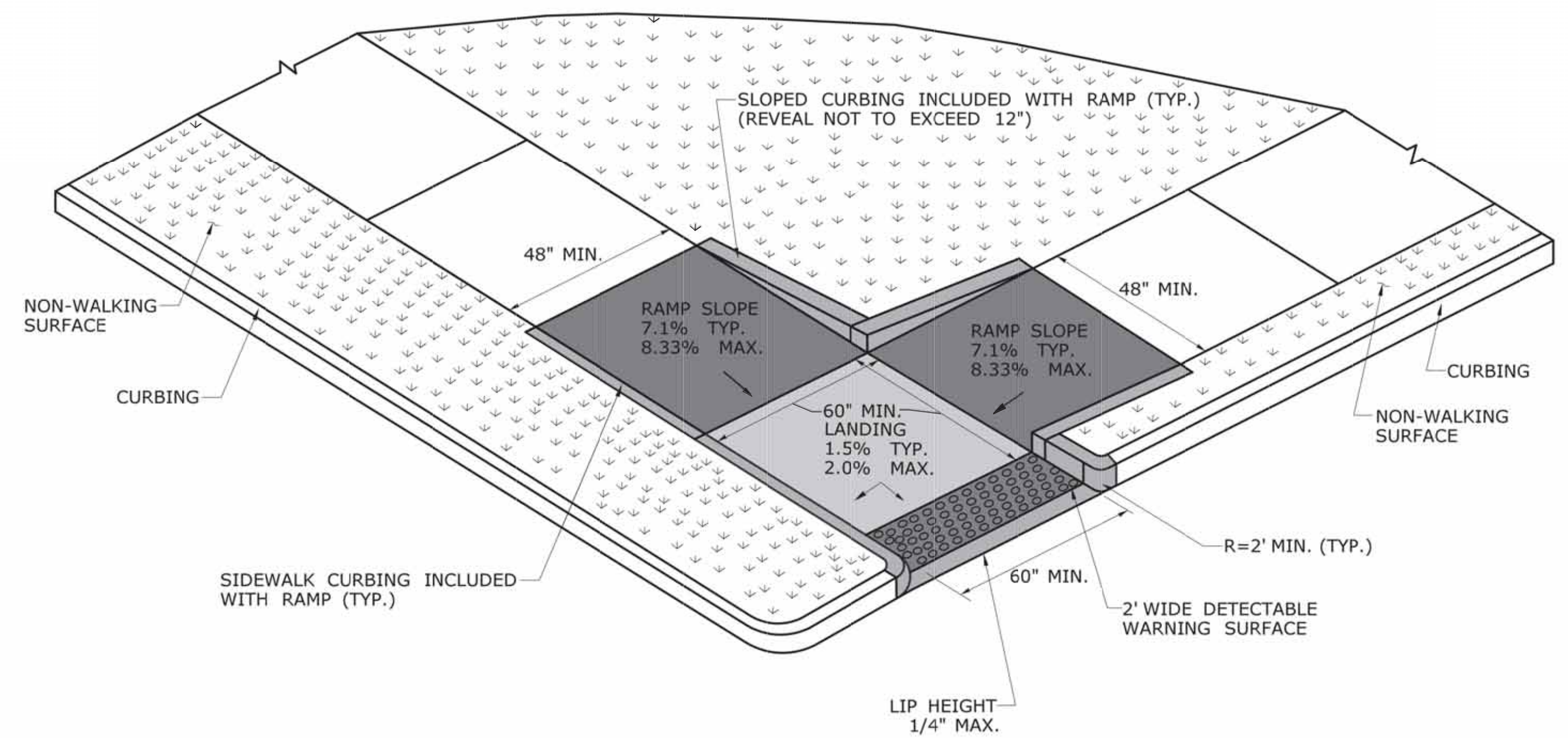
DRAWING NO.

SHEET NO.




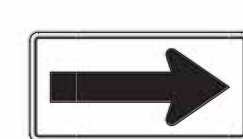
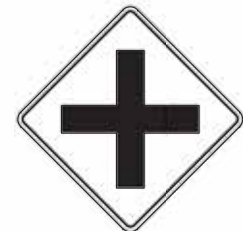
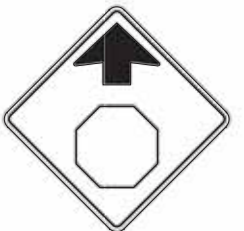









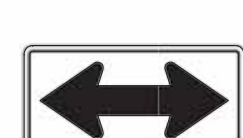


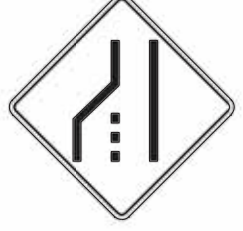
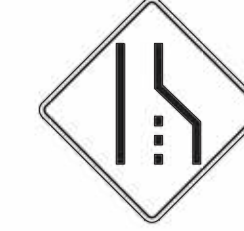


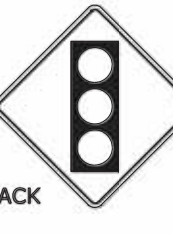





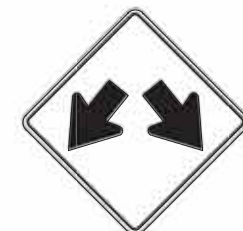
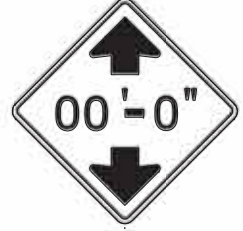


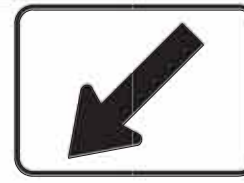










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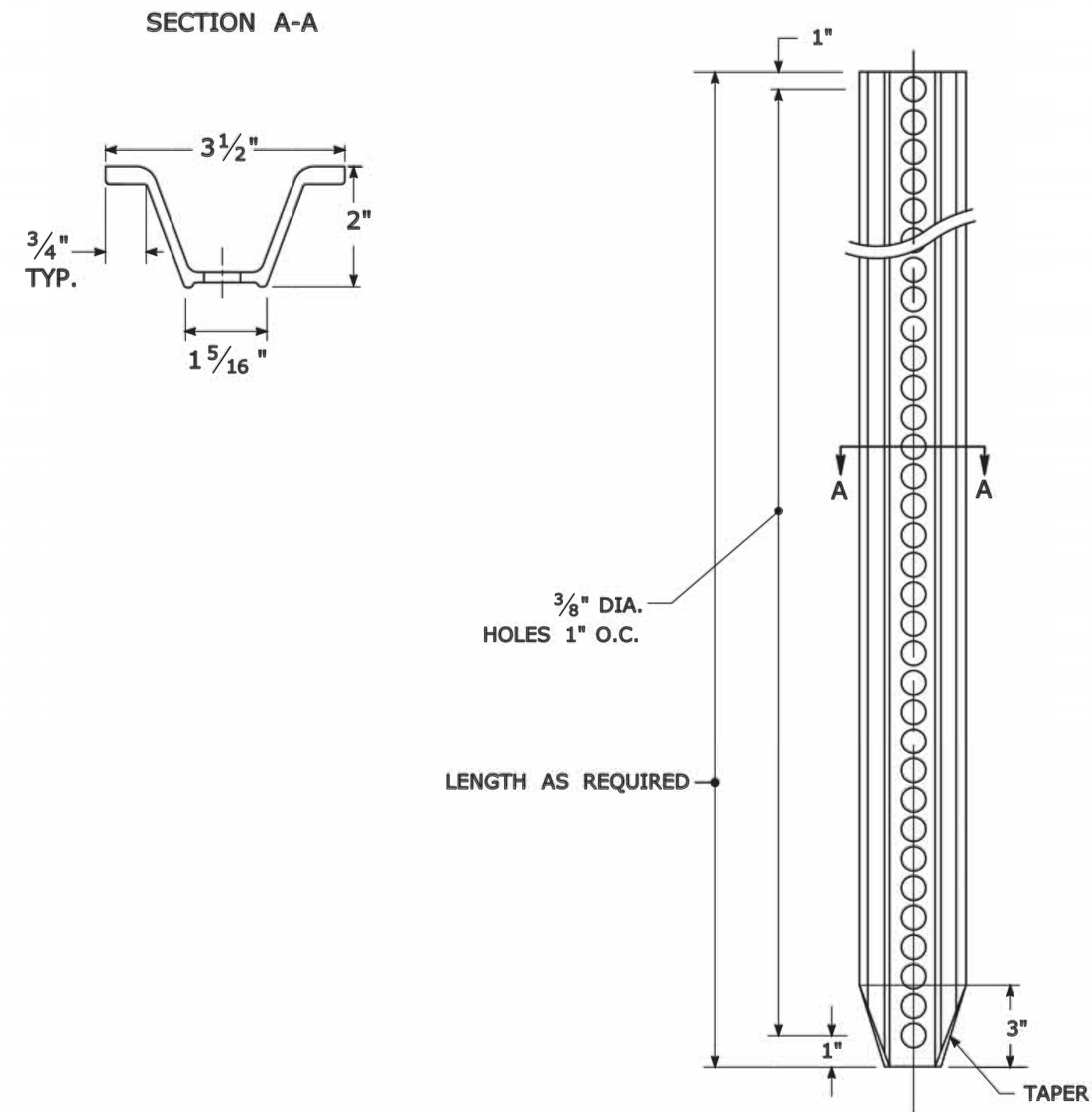
**RESTRICTED PEDESTRIAN CROSSING SIDEWALK RAMP
WITH NON-WALKING SURFACE
(TYPE 20)**



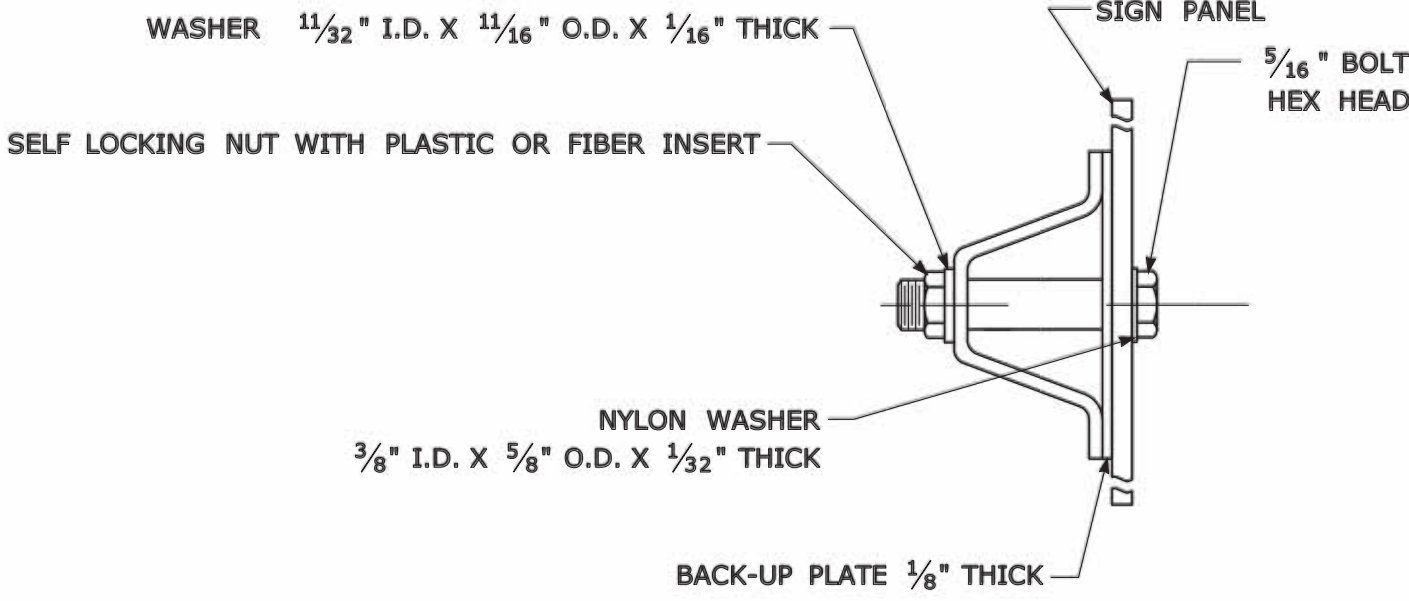
**RESTRICTED PEDESTRIAN CROSSING
WITH LANDING AT BOTTOM AND NON-WALKING SURFACE
(TYPE 21)**

S - SERIES					W1 - SERIES					W2 - SERIES					W3 - SERIES					W4 - SERIES					W5 - SERIES					W6 - SERIES					W7 - SERIES					W8 - SERIES																																																																																																																																																																																																																																																																																												
<div>S1-1</div> <div></div> <div>LEGEND - BLACK BACKGROUND - FLUORESCENT YELLOW GREEN</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.75</td><td>36</td><td>41-2112</td><td>1</td><td>.080</td></tr><tr><td>12.00</td><td>48</td><td>41-2113</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.75	36	41-2112	1	.080	12.00	48	41-2113	2	.100	<div>W1-1L</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-4006</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4031</td><td>1</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4006	1	.080	9.00	36	41-4031	1	.080	<div>W1-1R</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-4005</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4160</td><td>1</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4005	1	.080	9.00	36	41-4160	1	.080	<div>W1-6</div> <div></div> <div>LEGEND - BLACK BACKGROUND - FLUORESCENT YELLOW (LEFT OR RIGHT)</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>8.00</td><td>48X24</td><td>41-4223</td><td>2</td><td>.100</td></tr><tr><td>12.50</td><td>60X30</td><td>41-4262</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	8.00	48X24	41-4223	2	.100	12.50	60X30	41-4262	2	.100	<div>W2-1</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-4226</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4236</td><td>1</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4226	1	.080	9.00	36	41-4236	1	.080	<div>W3-1</div> <div></div> <div>OCTAGON - RED</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-0501</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-0503</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-0501	1	.080	16.00	48	41-0503	2	.100	<div>W4-1</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4448</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4452</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4448	1	.080	16.00	48	41-4452	2	.100	<div>W4-1</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4449</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4459</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4449	1	.080	16.00	48	41-4459	2	.100	<div>W5-1</div> <div></div> <div>ROAD NARROWS</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4402</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4404</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4402	1	.080	16.00	48	41-4404	2	.100	<div>W6-1</div> <div></div> <div>W6-2</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4335</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4330</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4335	1	.080	16.00	48	41-4330	2	.100	<div>W7-1</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-4506</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4530</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4508</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4506	1	.080	9.00	36	41-4530	1	.080	16.00	48	41-4508	2	.100	<div>W8-5</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-4519</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4520</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4521</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4519	1	.080	9.00	36	41-4520	1	.080	16.00	48	41-4521	2	.100															
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THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4441</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4447</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4441	1	.080	16.00	48	41-4447	2	.100	<div>W6-3</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4329</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4331</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4329	1	.080	16.00	48	41-4331	2	.100	<div>W1-8</div> <div></div> <div>LEGEND - BLACK BACKGROUND - FLUORESCENT YELLOW (LEFT OR RIGHT)</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>3.00</td><td>18X24</td><td>41-3951</td><td>1</td><td>.080</td></tr><tr><td>7.50</td><td>30X36</td><td>41-4211</td><td>1</td><td>.080</td></tr><tr><td>12.00</td><td>36X48</td><td>41-4260</td><td>2</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	3.00	18X24	41-3951	1	.080	7.50	30X36	41-4211	1	.080	12.00	36X48	41-4260	2	.080	<div>W3-3</div> <div></div> <div>SYMBOL & LEGEND - BLACK BACKGROUND - YELLOW TOP CIRCLE - RED BOTTOM CIRCLE - GREEN</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-0835</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-0848</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-0835	1	.080	16.00	48	41-0848	2	.100	<div>W4-3</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4468</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4435</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4468	1	.080	16.00	48	41-4435	2	.100	<div>W4-3</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4470</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4434</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4470	1	.080	16.00	48	41-4434	2	.100	<div>WHEN FLASHING STOP AHEAD</div> <div>W/ FLASHERS</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>25.00</td><td>60</td><td>41-0534</td><td>2</td><td>.125</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	25.00	60	41-0534	2	.125
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																																																																																																																																																
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<div>W9 - SERIES</div> <div>W9-1</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4443</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4444</td><td>2</td><td>.100</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4443	1	.080	16.00	48	41-4444	2	.100	<div>W9-1</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4440</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4445</td><td>2</td><td>.100</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4440	1	.080	16.00	48	41-4445	2	.100	<div>W11-2</div> <div></div> <div>LEGEND - BLACK BACKGROUND - FLUORESCENT YELLOW GREEN</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-4829</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4830</td><td>1</td><td>.080</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4829	1	.080	9.00	36	41-4830	1	.080	<div>W12-1</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>6.25</td><td>30</td><td>41-4213</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4215</td><td>1</td><td>.080</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4213	1	.080	9.00	36	41-4215	1	.080	<div>W12-2</div> <div></div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>9.00</td><td>36</td><td>41-4706</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4708</td><td>2</td><td>.100</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4706	1	.080	16.00	48	41-4708	2	.100	<div>W13-1P</div> <div></div> <div>(SUBPLATE)</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>2.25</td><td>18X18</td><td>41-5566</td><td></td><td>.080</td></tr><tr><td>4.00</td><td>24X24</td><td>41-5567</td><td></td><td>.080</td></tr><tr><td>6.25</td><td>30X30</td><td>41-5574</td><td></td><td>.080</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.25	18X18	41-5566		.080	4.00	24X24	41-5567		.080	6.25	30X30	41-5574		.080	<div>W16-2aP</div> <div></div> <div>(SUBPLATE) USE AT ADVANCE SIGN LOCATION</div> <div>LEGEND - BLACK BACKGROUND - FLUORESCENT YELLOW GREEN</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>2.00</td><td>24X12</td><td>41-6140</td><td></td><td>.080</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	24X12	41-6140		.080	<div>W16-7PL</div> <div></div> <div>(SUBPLATE) USE AT CROSSWALK</div> <div>LEGEND - BLACK BACKGROUND - FLUORESCENT YELLOW GREEN</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>2.00</td><td>24X12</td><td>41-2617</td><td></td><td>.080</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	24X12	41-2617		.080	<div>W16-7PR</div> <div></div> <div>(SUBPLATE) USE AT CROSSWALK</div> <div>LEGEND - BLACK BACKGROUND - FLUORESCENT YELLOW GREEN</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>2.00</td><td>24X12</td><td>41-2619</td><td></td><td>.080</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	24X12	41-2619		.080	<div>W16-9P</div> <div></div> <div>(SUBPLATE) USE AT ADVANCE SIGN LOCATION</div> <div>LEGEND - BLACK BACKGROUND - FLUORESCENT YELLOW GREEN</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>2.00</td><td>24X12</td><td>41-6126</td><td></td><td>.080</td></tr><tr><td>3.75</td><td>30X18</td><td>41-6137</td><td></td><td>.080</td></tr></table>					AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	24X12	41-6126		.080	3.75	30X18	41-6137		.080	<div>RETROREFLECTIVE STRIP</div> <div>LEGEND - N/A BACKGROUND - FLUORESCENT YELLOW GREEN</div> <table><tr><th>AREA (SQ. FT)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr><tr><td>1.50</td><td>4X48</td><td>41-5001</td><td>1</td><td>.080</td></tr><tr><td>2.00</td><td>4X72</td><td>41-5006</td><td>1</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	1.50	4X48	41-5001	1	.080	2.00	4X72	41-5006	1	.080																																																																																																														
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1.50	4X48	41-5001	1	.080																																																																																																																																																																																																																																																																																																																																
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<div>2 10-2021 REVISED SHEETING TYPE TR-GS_02</div> <div>1 6-2018 NEW SHEET ISSUED TR-GS_02</div> <div>REV. DATE REVISION DESCRIPTION SHEET NO.</div>					<div>Plotted Date: 10/14/2021</div>																																																																																																																																																																																																																																																																																																																															

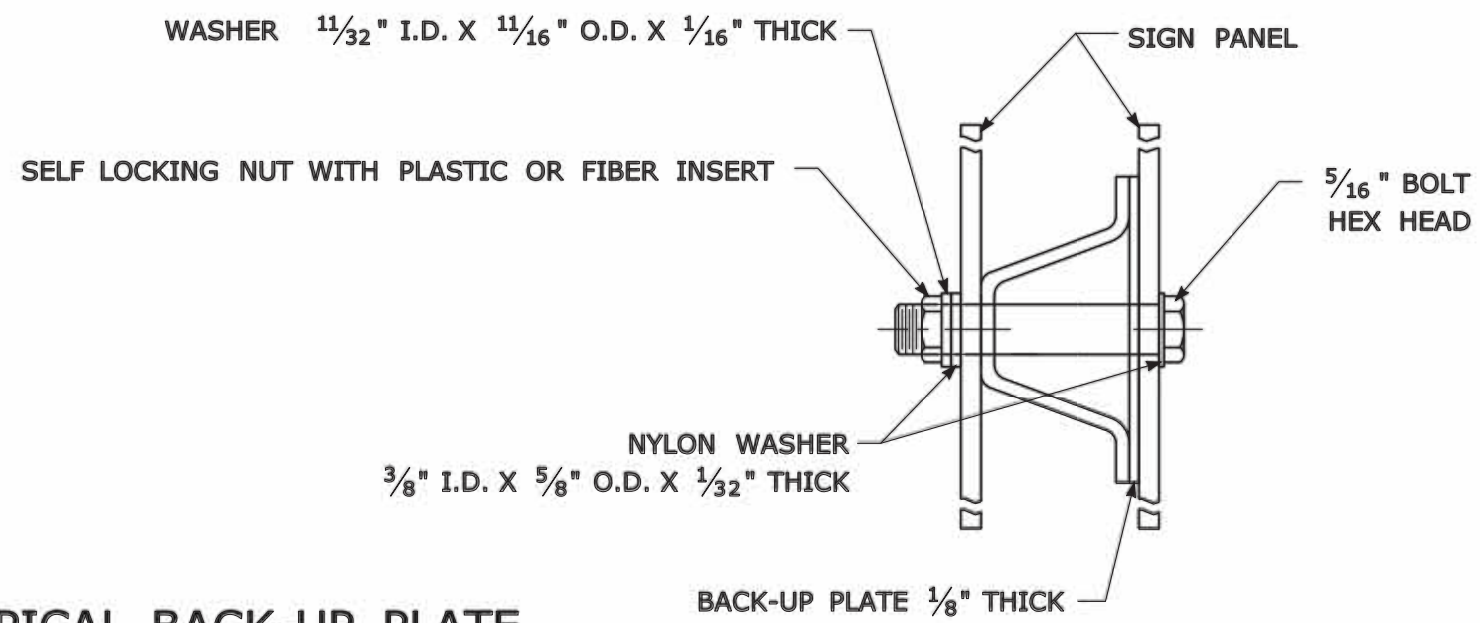
TYPICAL METAL SIGN POSTS



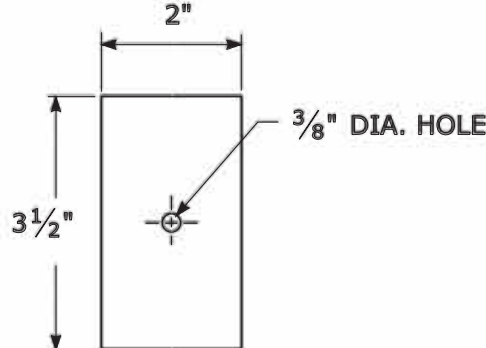
TYPICAL SIGN PANEL ATTACHMENT



TYPICAL BACK TO BACK SIGN PANEL ATTACHMENT



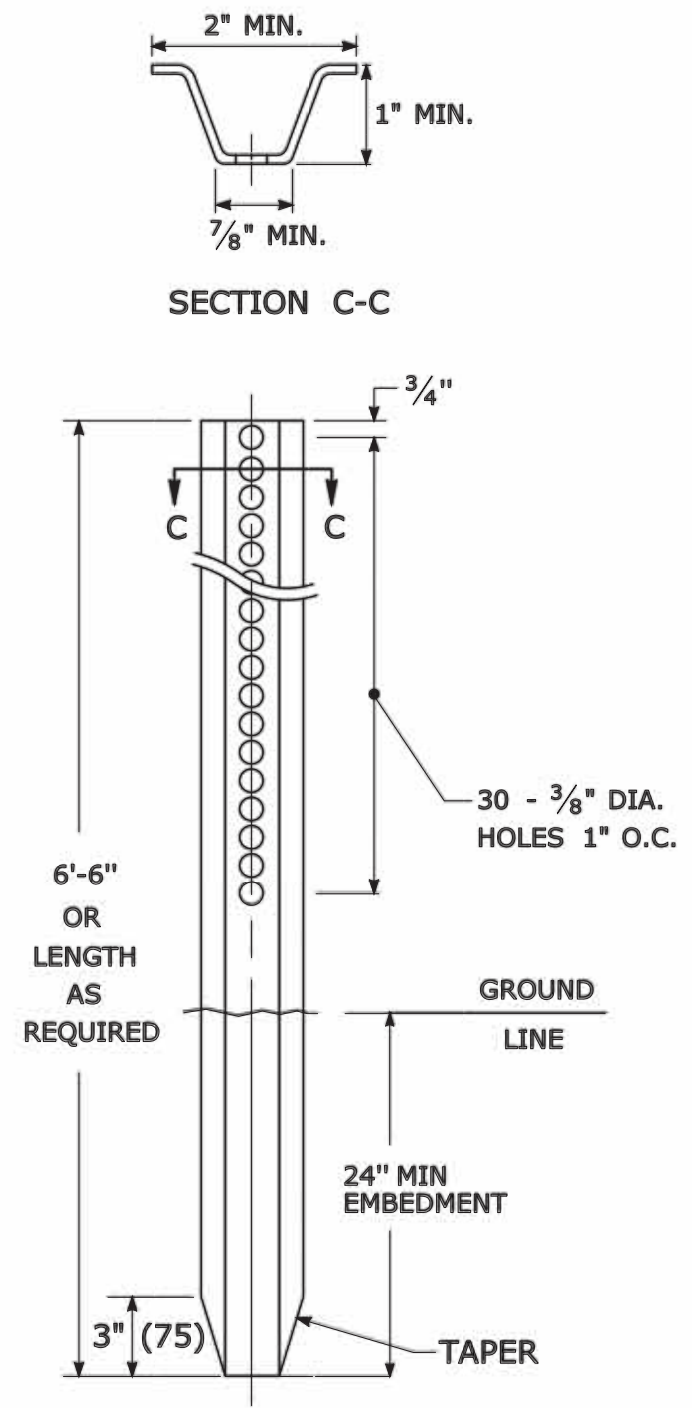
TYPICAL BACK-UP PLATE



BOLTS - STAINLESS STEEL CONFORMING TO ASTM F593, ALLOY GROUP 1 OR 2 (ALLOY TYPES 304 OR 316).
SELF LOCKING NUTS - STAINLESS STEEL CONFORMING TO ASTM F594, ALLOY GROUP 1 OR 2 (ALLOY TYPES 304 OR 316).
WASHERS - STAINLESS STEEL CONFORMING TO ASTM A240, (ALLOY TYPES 304 OR 316).

METAL DELINEATOR POST

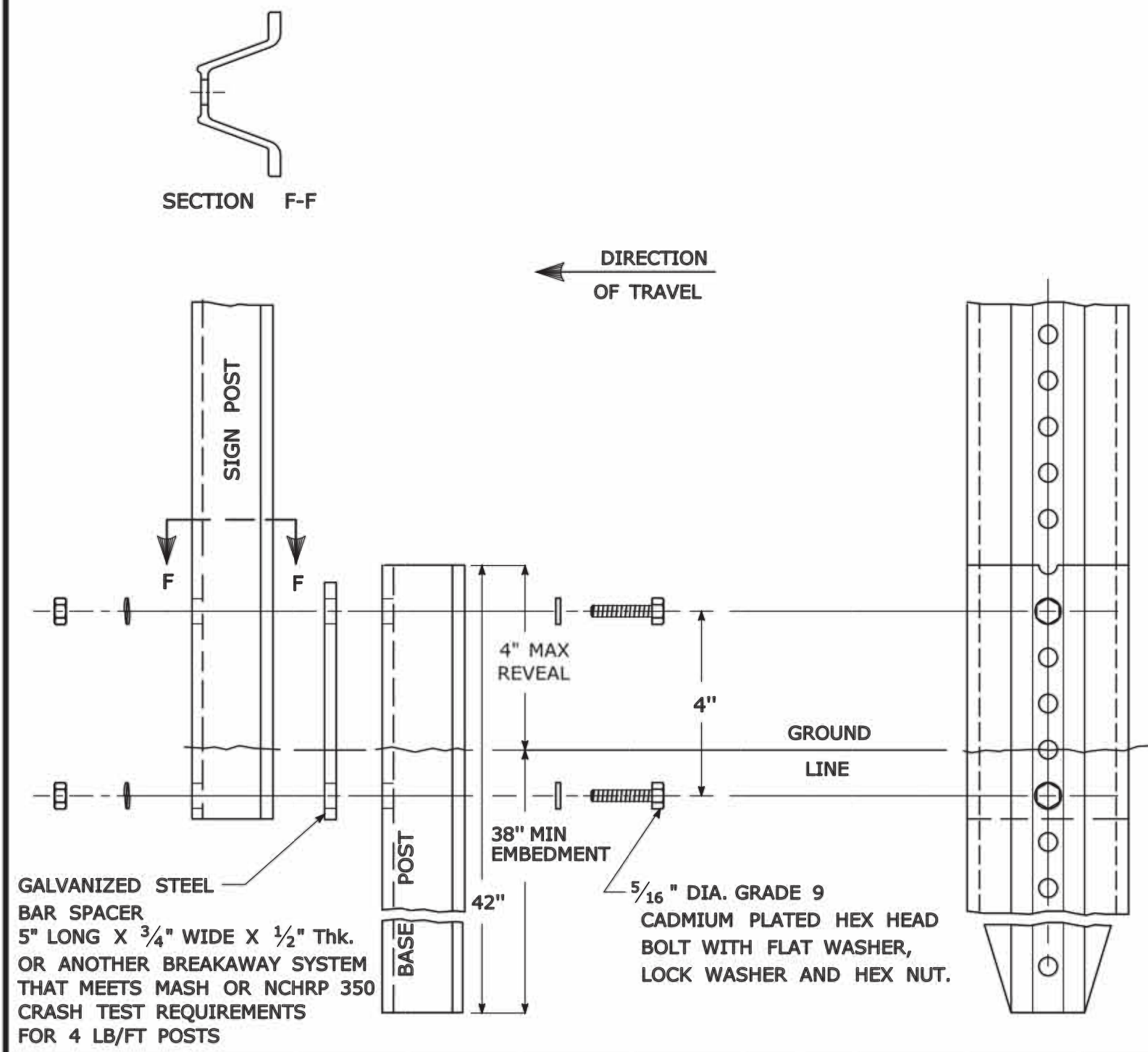
WT./FT. = 1.12 LBS./FT. MIN.



GENERAL NOTES:

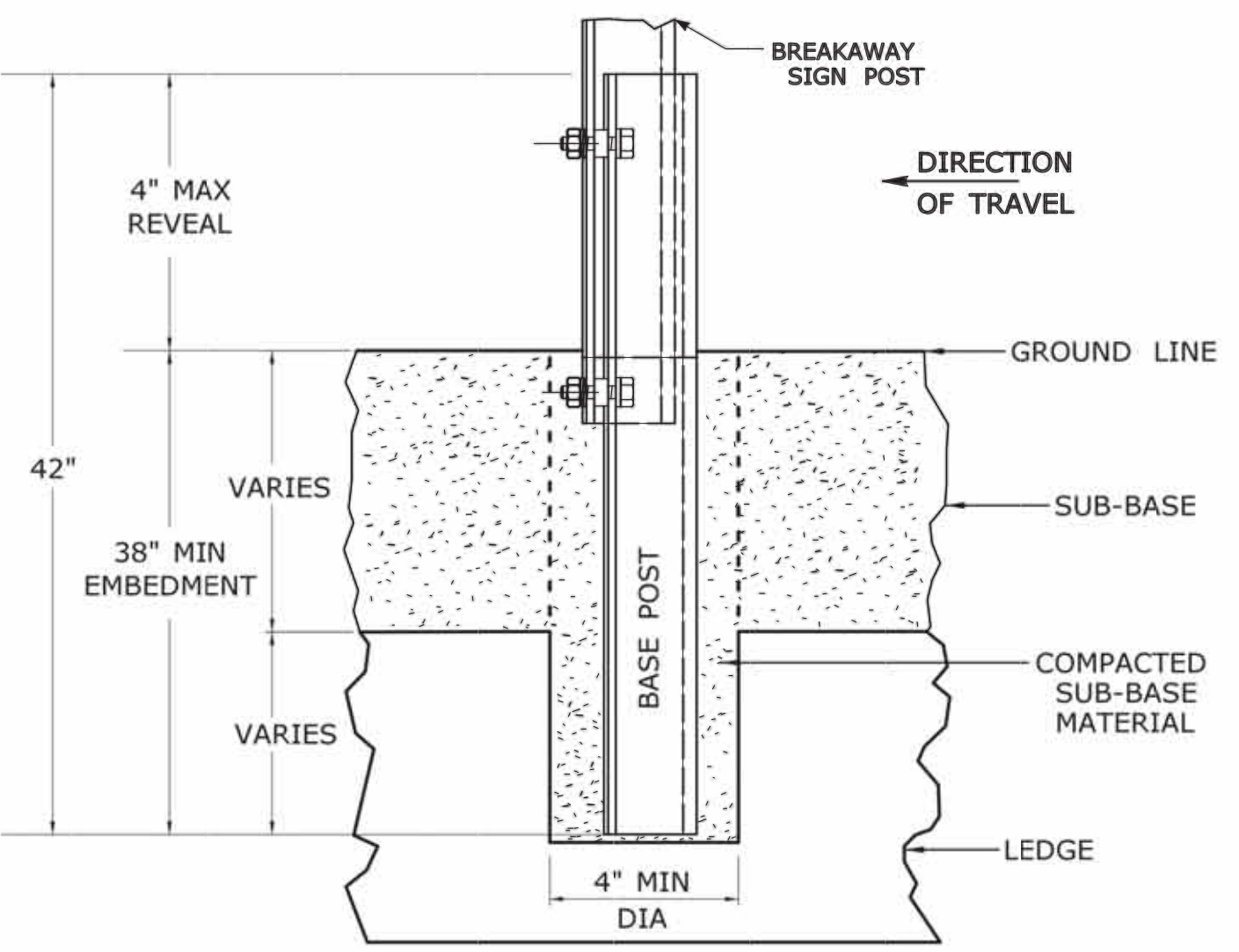
1. STEEL FOR DELINEATOR POSTS SHALL BE ASTM A36 STEEL. STEEL FOR ALL OTHER POSTS SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A 499 GRADE 80 AND TO THE CHEMICAL REQUIREMENTS OF ASTM A1 CARBON STEEL TEE RAIL HAVING NOMINAL WEIGHT (MASS) OF 91 LBS. OR GREATER PER LINEAR YARD.
2. AFTER FABRICATION, ALL STEEL POSTS, STRAPS AND PLATES SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A123.
3. WASHERS FOR BREAKAWAY INSTALLATIONS SHALL MEET ASTM F436, TYPE 1.
4. SPACER BAR FOR BREAKAWAY INSTALLATION SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A36.
5. ALL BOLTS, NUTS, AND WASHERS FOR BREAKAWAY INSTALLATIONS SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A153.
6. ALL SIGN POSTS SHALL HAVE BREAKAWAY FEATURES THAT MEET AASHTO REQUIREMENTS CONTAINED IN THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS." THE BREAKAWAY FEATURES SHALL BE STRUCTURALLY ADEQUATE TO CARRY THE SIGNS SHOWN IN THE PLANS AT 60 mph WIND LOADINGS. INSTALLATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
7. SIGN POSTS SHALL BE 4 LBS./FT.

BREAKAWAY INSTALLATION
FOR 4 LBS./FT. POSTS

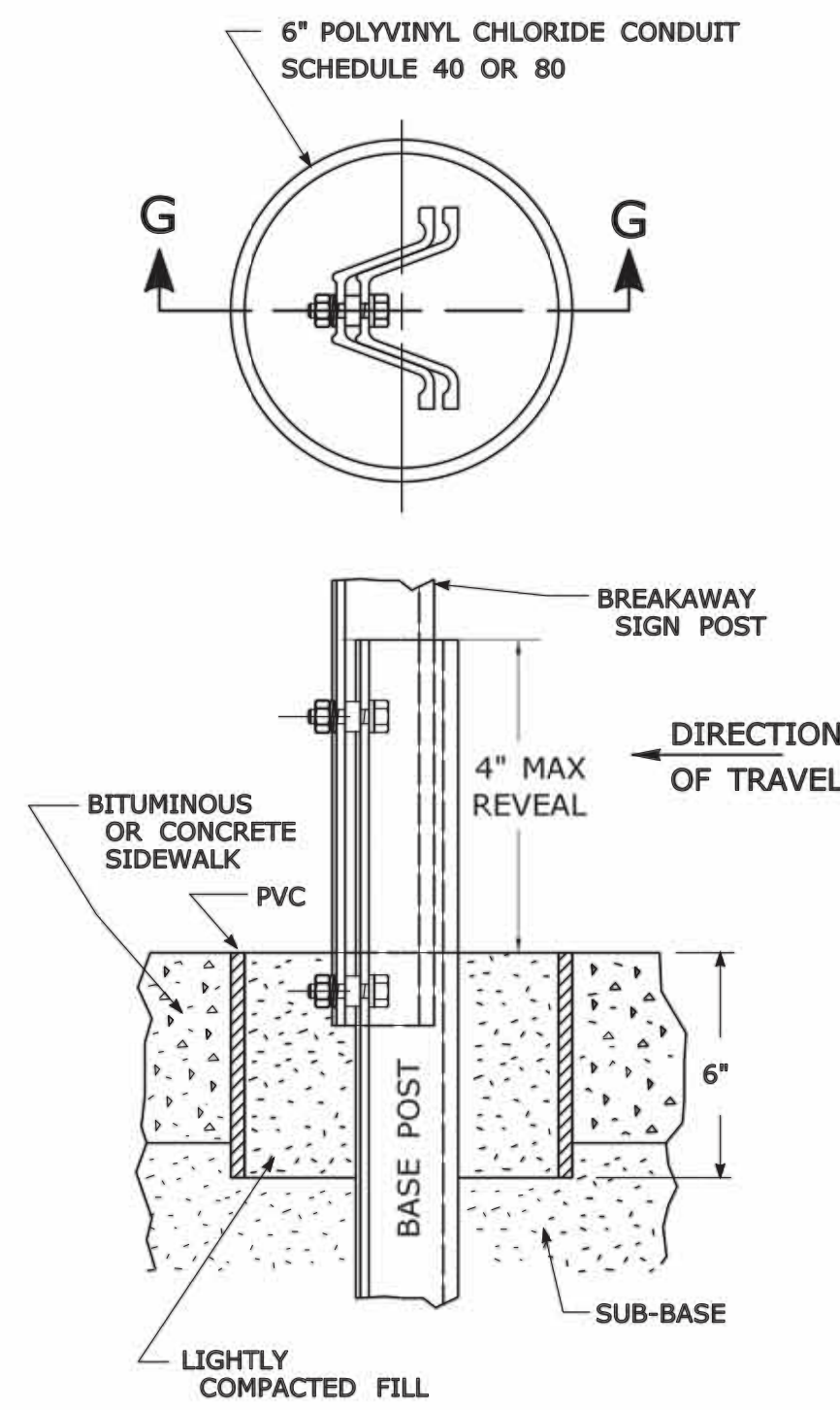


TYPICAL SIGN POST INSTALLATION IN LEDGE

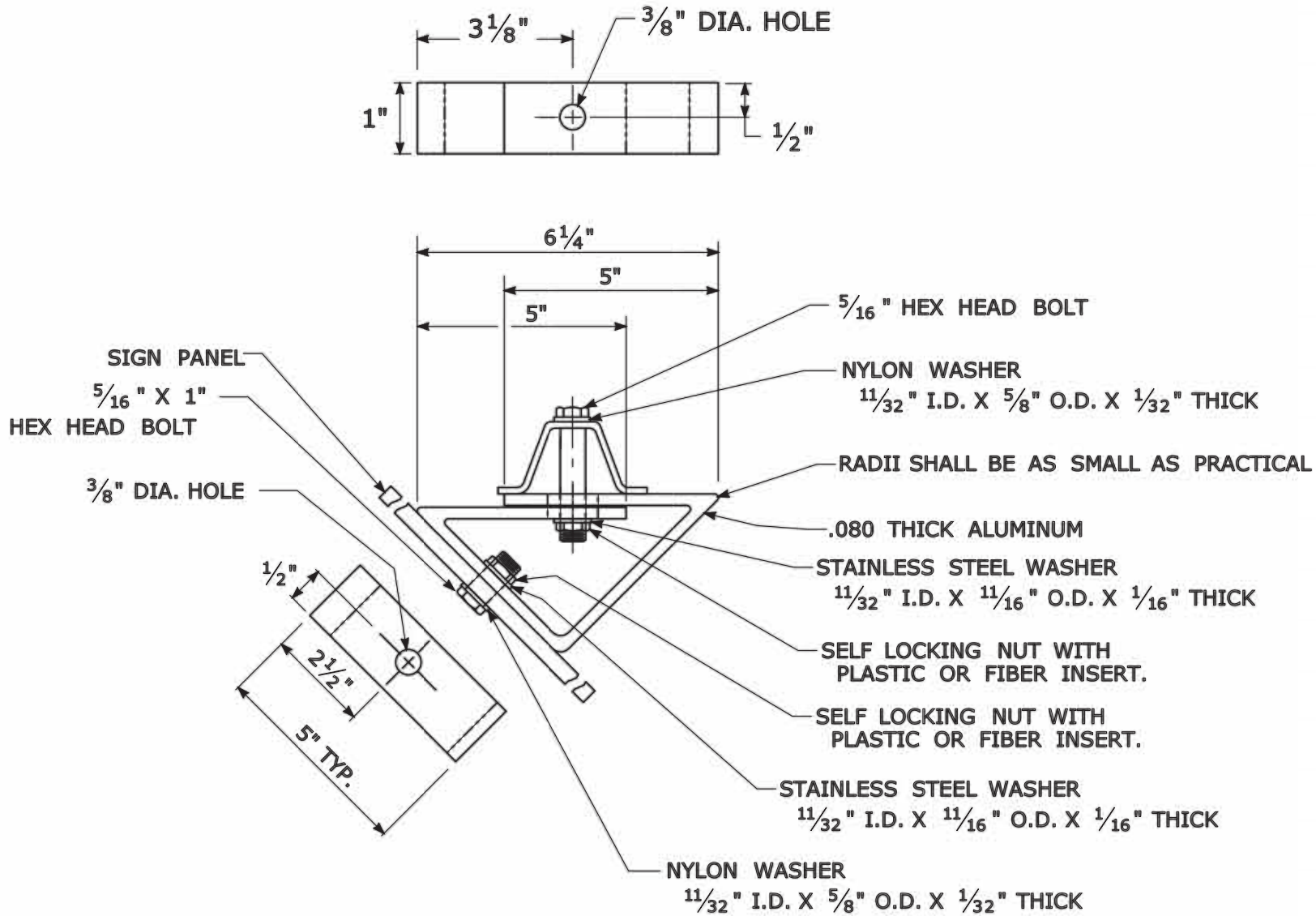
LEDGE SHALL BE REMOVED TO DRIVE THE BASE POST TO A DEPTH OF 38".
HOLE SHALL BE FILLED WITH SUB-BASE MATERIAL AND COMPACTED WITH A TAMPING BAR, OR TECHNIQUE APPROVED BY THE ENGINEER, PRIOR TO BASE POST INSTALLATION.



TYPICAL SLEEVE
FOR PAVED AREAS



45° MOUNTING BRACKET
FOR INSTALLATION OF PARKING SIGNS



REV.	DATE	REVISION DESCRIPTION
2	6-2017	SIGN POST REVISIONS.
1	2-2011	MINOR REVISIONS.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/6/2017

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: TR-1208-02-May-2017-Revision.dgn Model: TR-1208-02

SUBMITTED BY: Mark F. Makuch, P.E.
APPROVED BY: Gregory M. Dorosh, P.E.

NAME/DATE/TIME: Mark F. Makuch, P.E. 2017.06.07 07:30:30-04'00'
NAME/DATE/TIME: Gregory M. Dorosh, P.E. 2017.06.15 09:27:29-04'00'

CTDOT
STANDARD SHEET
OFFICE OF ENGINEERING

STANDARD SHEET TITLE: METAL SIGN POSTS AND SIGN MOUNTING DETAILS

GUIDE SHEET NO.: TR-1208_02