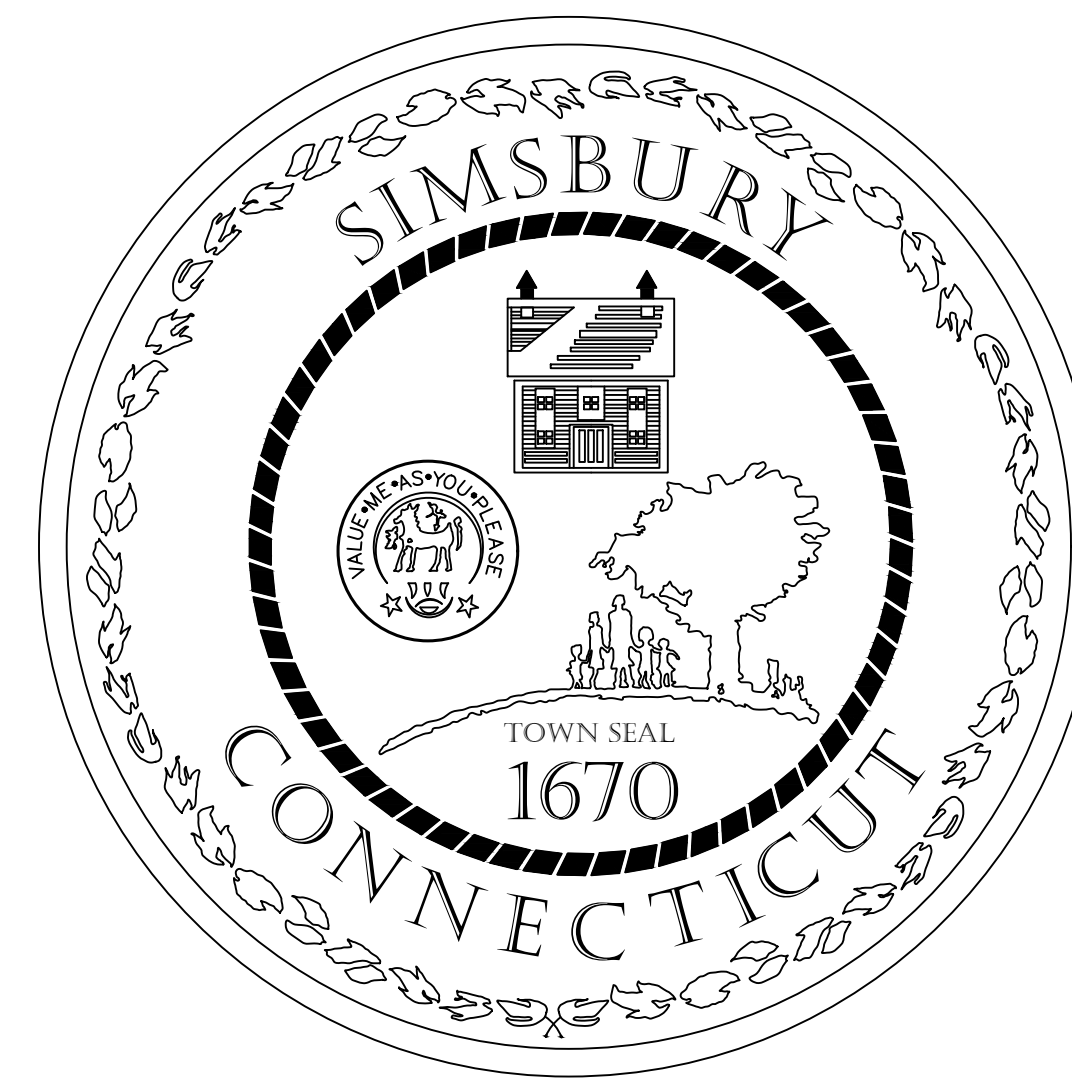


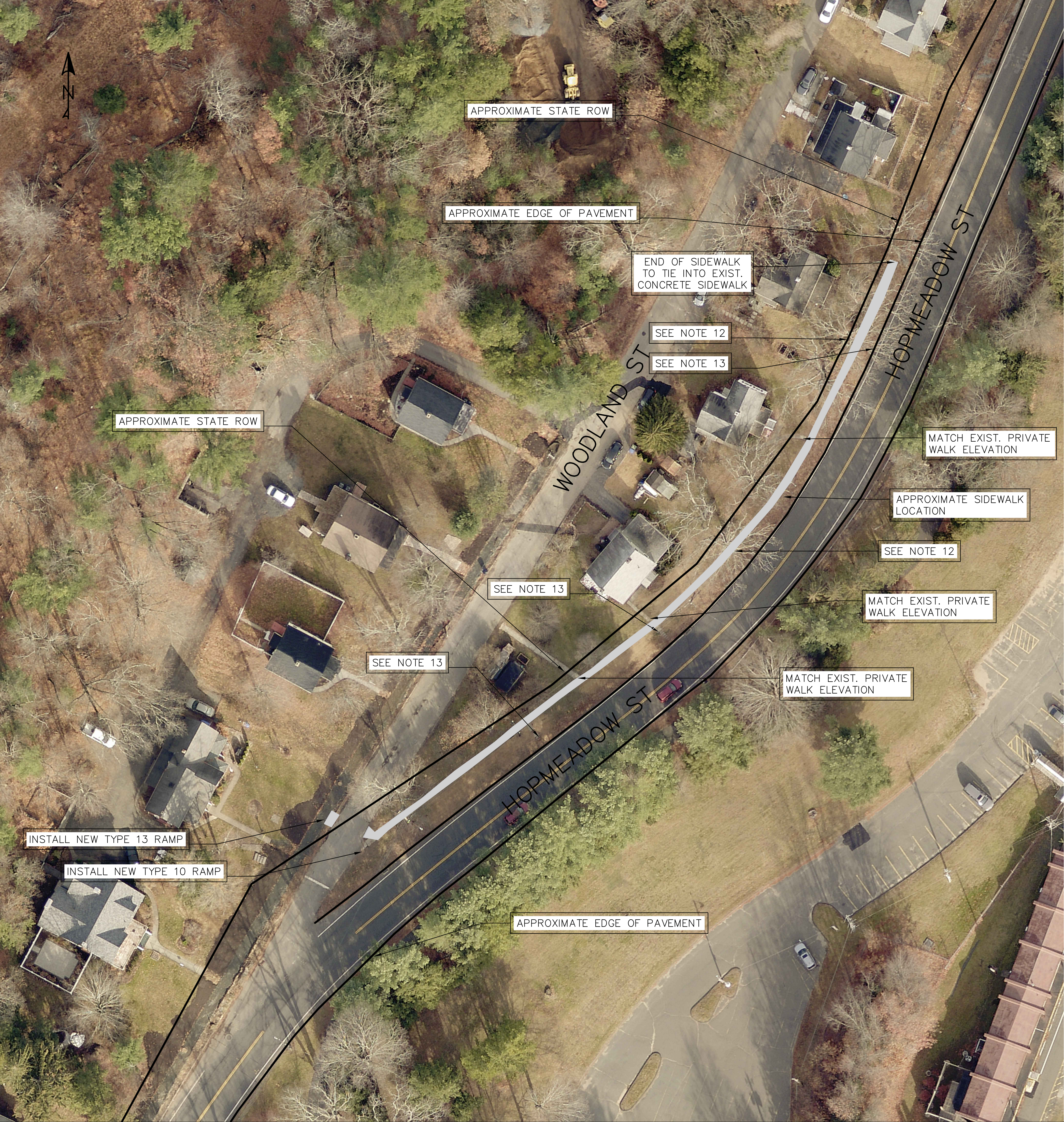
CONCRETE SIDEWALK REPLACEMENT HOPMEADOW STREET 2023

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 ENCROACHMENT PERMIT FOR ALL WORK IN DOT RIGHT OF WAY, CONTRACTOR RESPONSIBLE FOR ADHERENCE TO TERMS OF ENCROACHMENT PERMIT.
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- 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) CONTRACTOR TO COORDINATE WITH TOWN AND HOMEOWNER TO ADJUST PRIVATE WALKWAYS TO MATCH SIDEWALK ELEVATION.
- 11) WHEN CONTRACTOR ENCOUNTERS LANDSCAPING, PLANTS, OR OTHER OBSTRUCTIONS TO WORK, CONTRACTOR IS TO CONTACT ENGINEER FOR APPROVAL BEFORE ANY ACTION IS TAKEN. LARGE TREE ROOTS THAT ARE ENCOUNTERED SHOULD NOT BE REMOVED WITHOUT REVIEW OF TOWN ENGINEER.
- 12) WHERE NOTED TREE IS CLOSE TO SIDEWALK AND WILL BE EVALUATED BY AN ARBORIST TO AVOID DAMAGING TREE
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- 14) NOTED MANHOLE IS ABOVE OPTIMAL SIDEWALK ELEVATION. MANHOLE WILL BE EVALUATED FOR POSSIBLE LOWERING.
- 15) CROSS SLOPE AT INTERSECTION WILL REQUIRE SPECIAL ATTENTION TO MAINTAIN ADA RAMP REQUIREMENTS
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- 17) NOTED CROSSWALK TO BE ERADICATED AND REPAINTED IN LINE WITH NEW RAMP LOCATIONS BY OTHERS

BY							
DATE							
REVISION							
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TOWN OF SIMSBURY DEPARTMENT OF PUBLIC WORKS 66 TOWN FOREST ROAD SIMSBURY CONNECTICUT							
HOPMEADOW STREET SIDEWALK IMPROVEMENTS 2023							
DRAWN BY: RH		CHECKED BY: YYY					
DATE: JANUARY 23RD, 2023		SCALE: NONE					
SHEET DWG-01							



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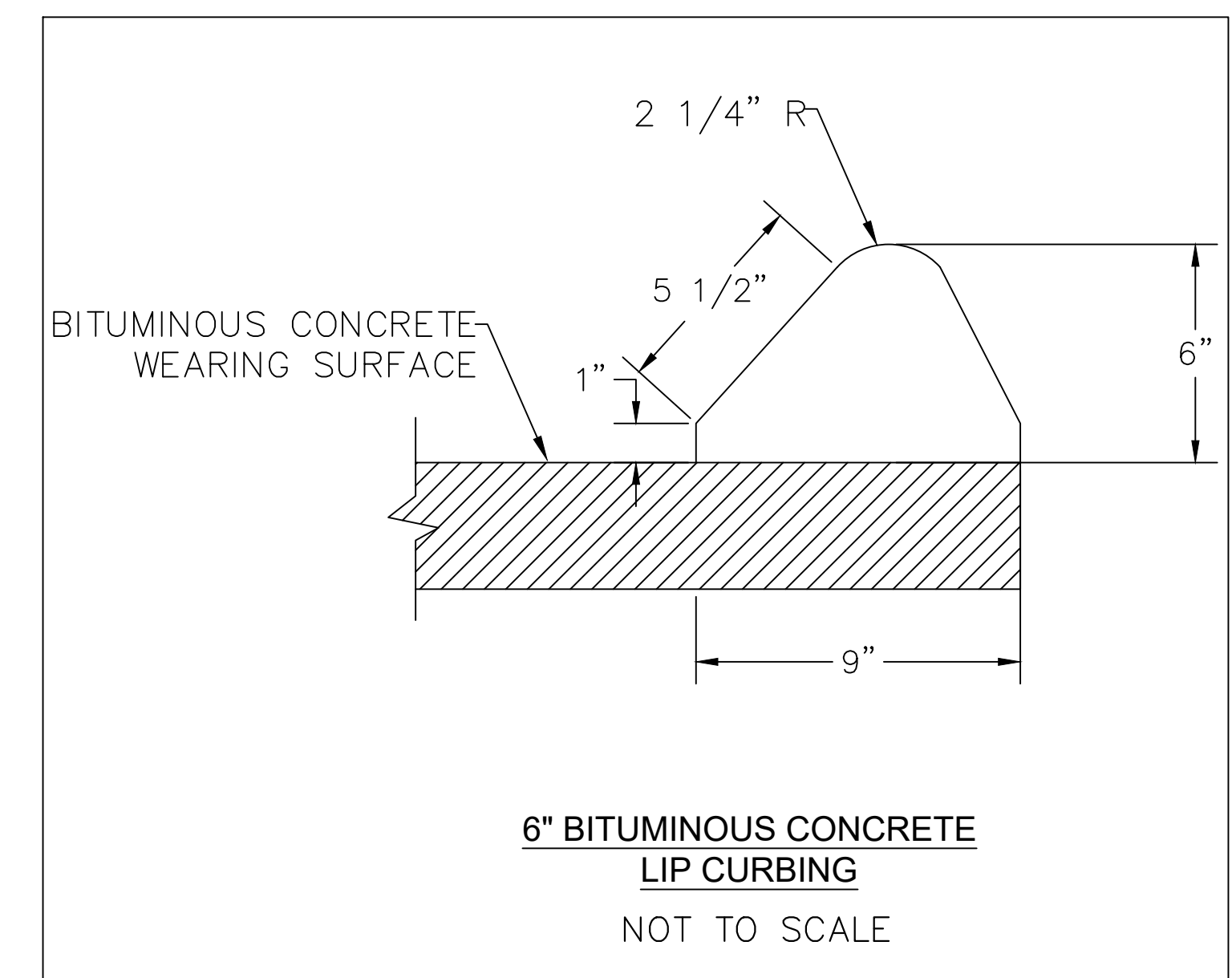
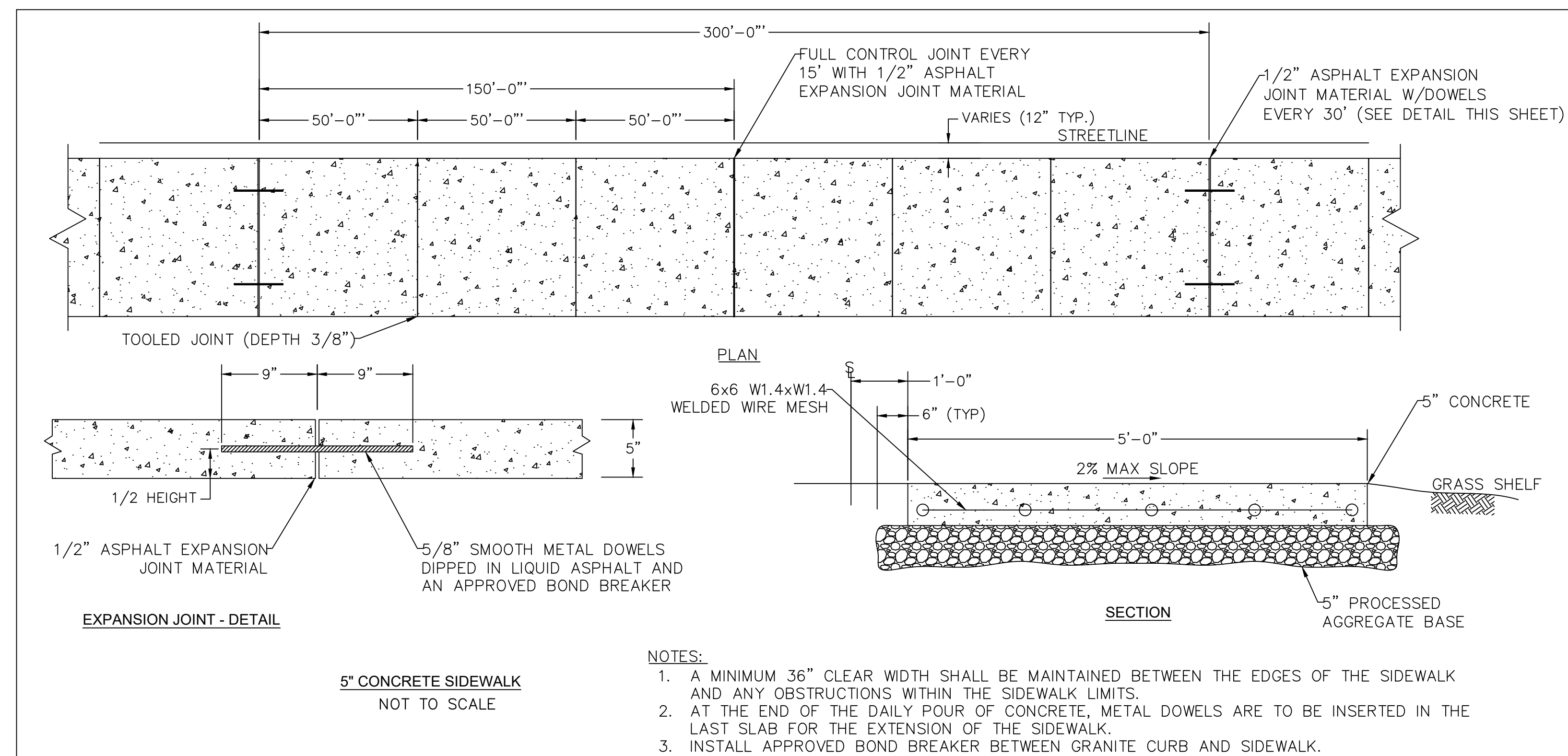
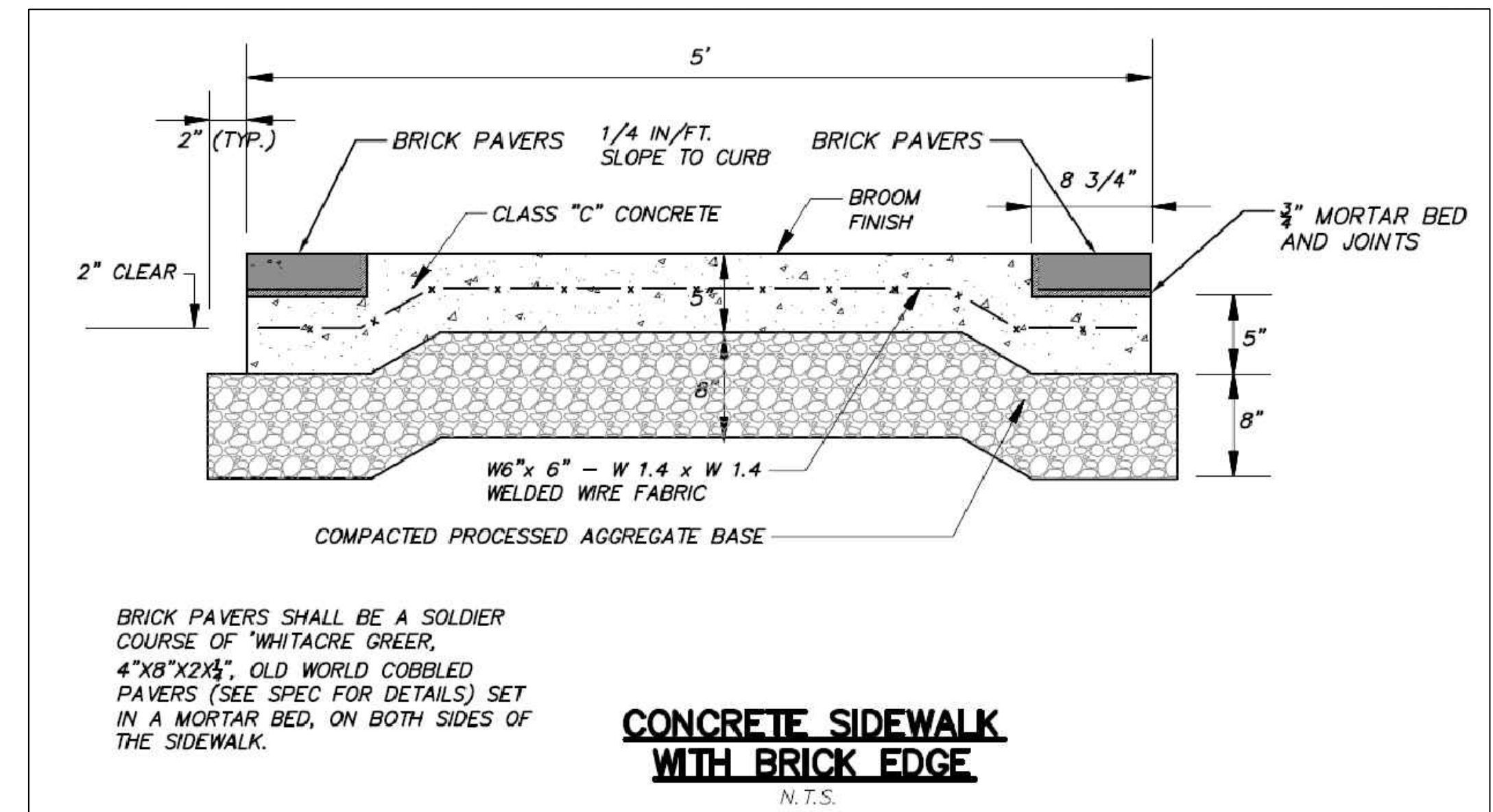
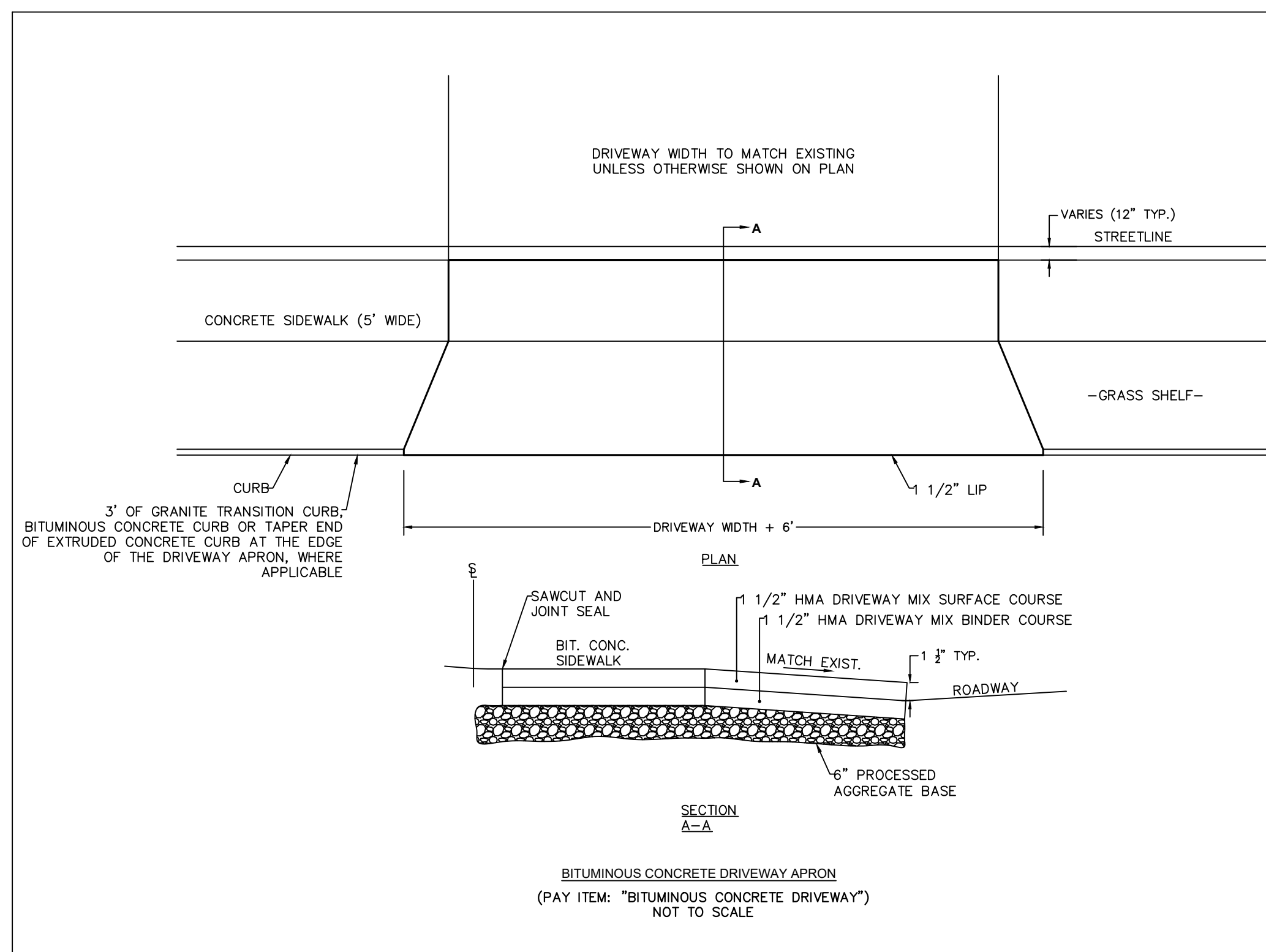
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HOPMEADOW STREET SIDEWALK IMPROVEMENTS 2023							
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DATE: JANUARY 23RD, 2023		SCALE: NONE					
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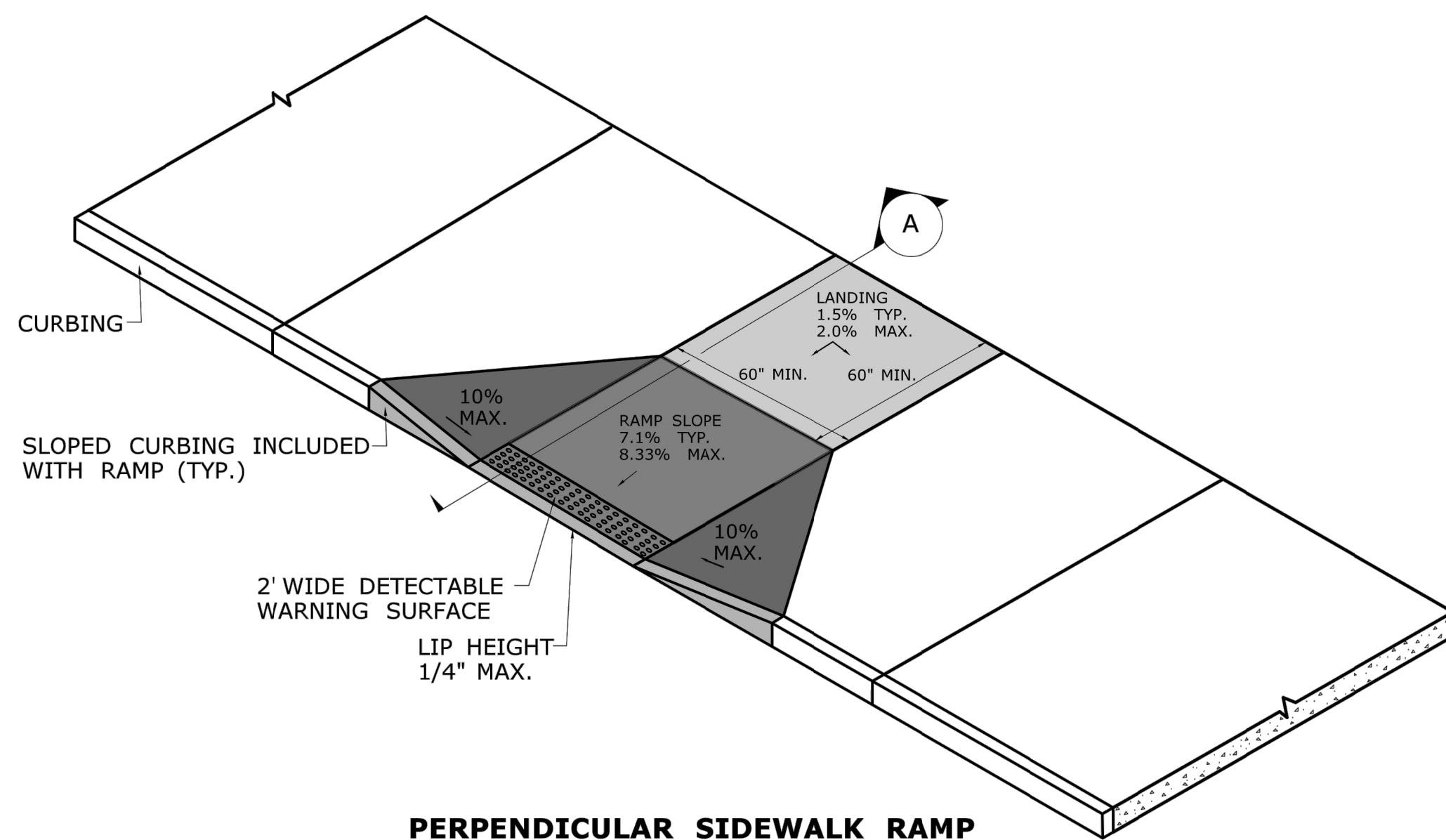
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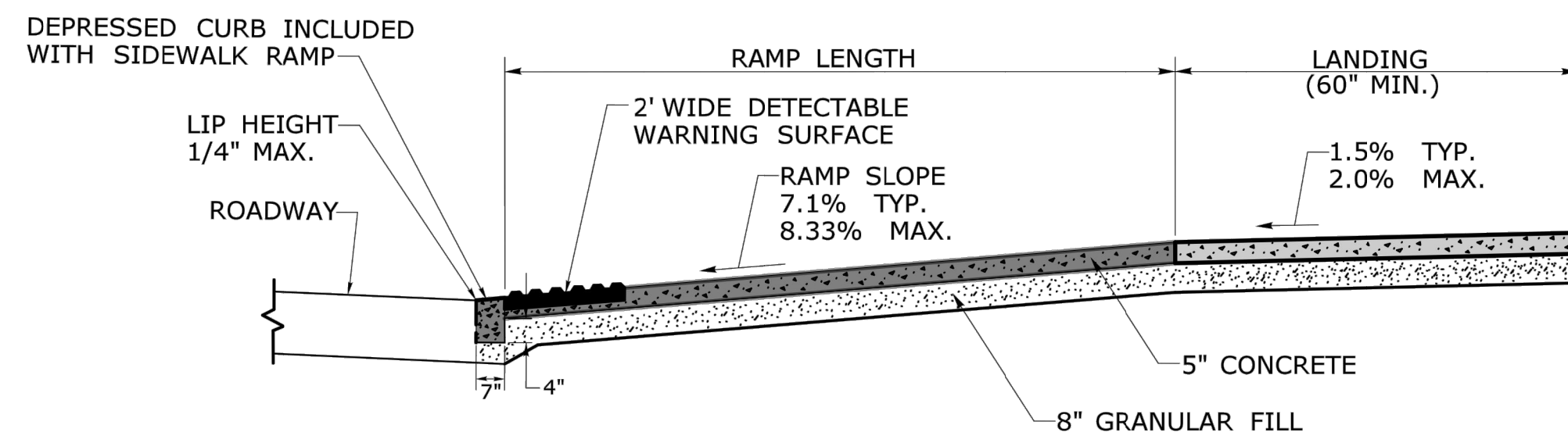
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DATE							
REVISION							
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TOWN OF SIMSBURY DEPARTMENT OF PUBLIC WORKS 66 TOWN FOREST ROAD SIMSBURY CONNECTICUT							
HOPMEADOW STREET SIDEWALK IMPROVEMENTS 2023							
DRAWN BY: RH				CHECKED BY: YYY			
DATE: JANUARY 23RD, 2023				SCALE: NONE			
SHEET DWG-03							



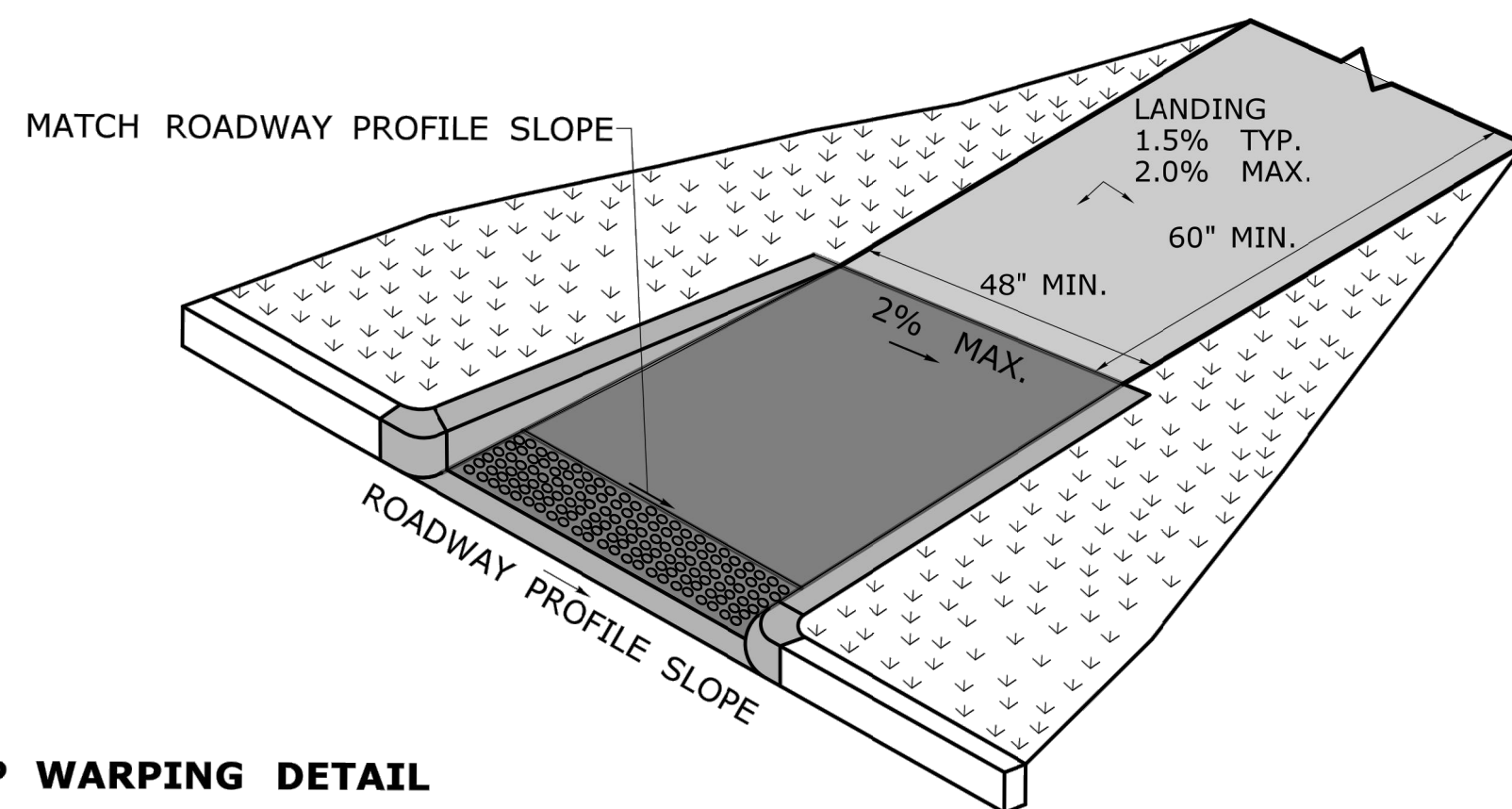
DRAWN BY: J TE: JANUARY 7TH, 2023	CHECKED BY: YYY SCALE: NONE	SHEET DET-01	HOPMEADOW STREET SIDEWALK IMPROVEMENTS	DETAILS	TOWN OF SIMSBURY DEPARTMENT OF PUBLIC WORKS 66 TOWN FOREST ROAD SIMSBURY CONNECTICUT		DATE:	
							PROJECT:	
							SHEET NO.:	
							DRAWING NO.:	
							DATE:	
							DATE:	



PERPENDICULAR SIDEWALK RAMP AND SECTION

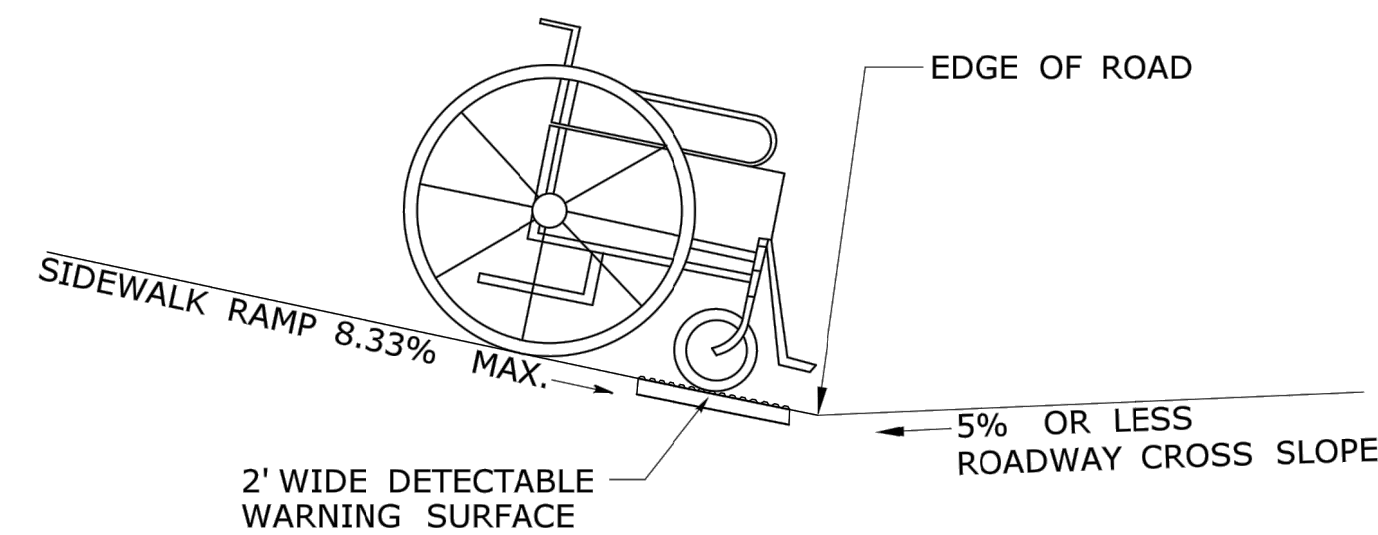


SECTION A

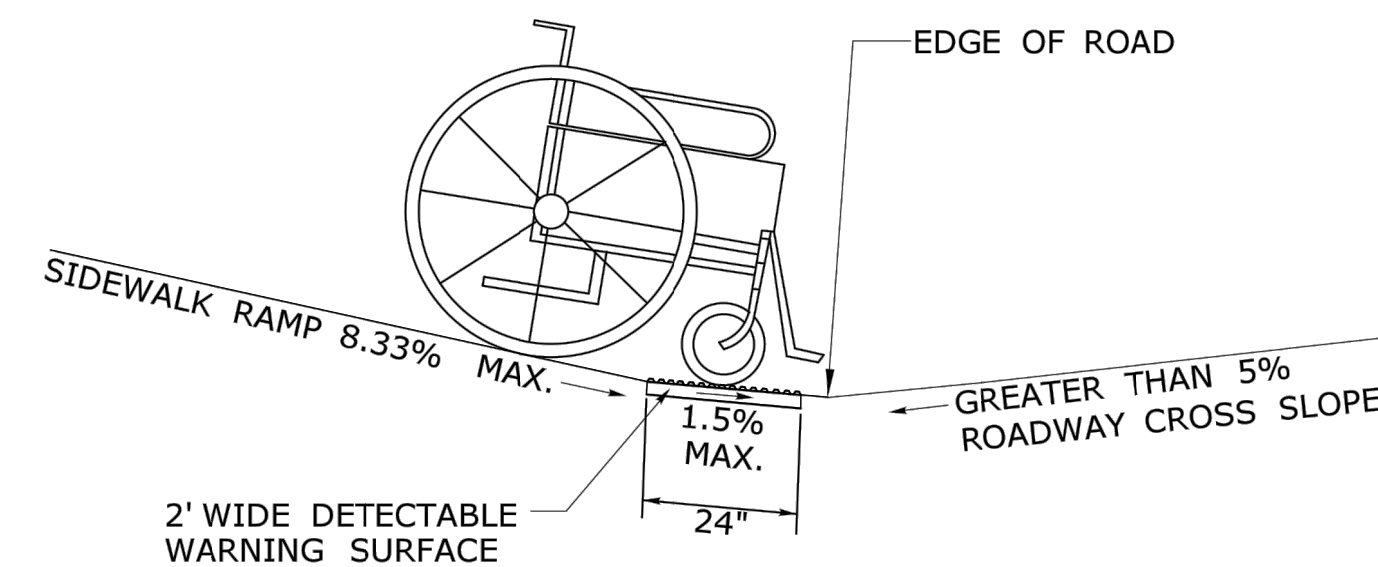


RAMP WARPING DETAIL

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.



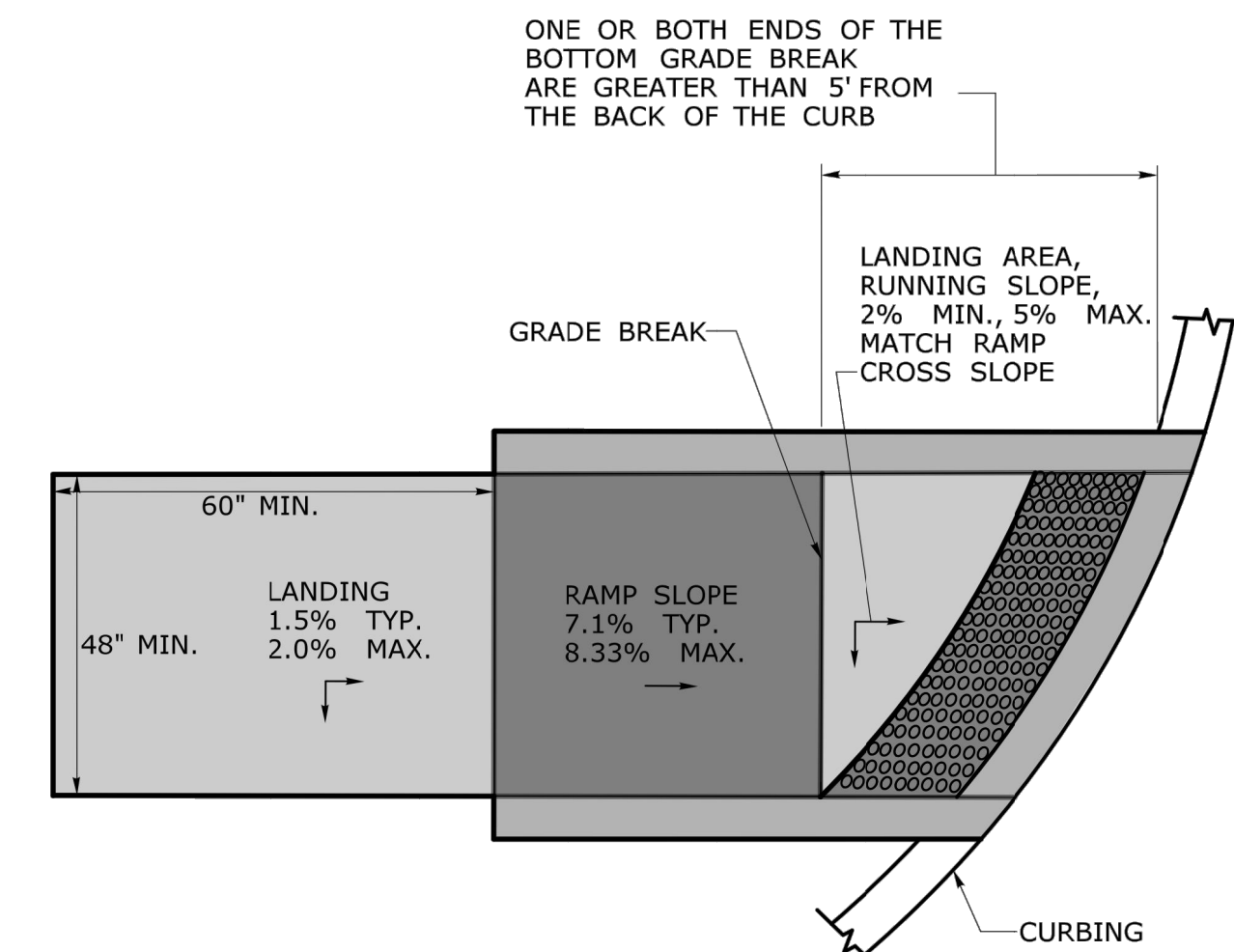
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE



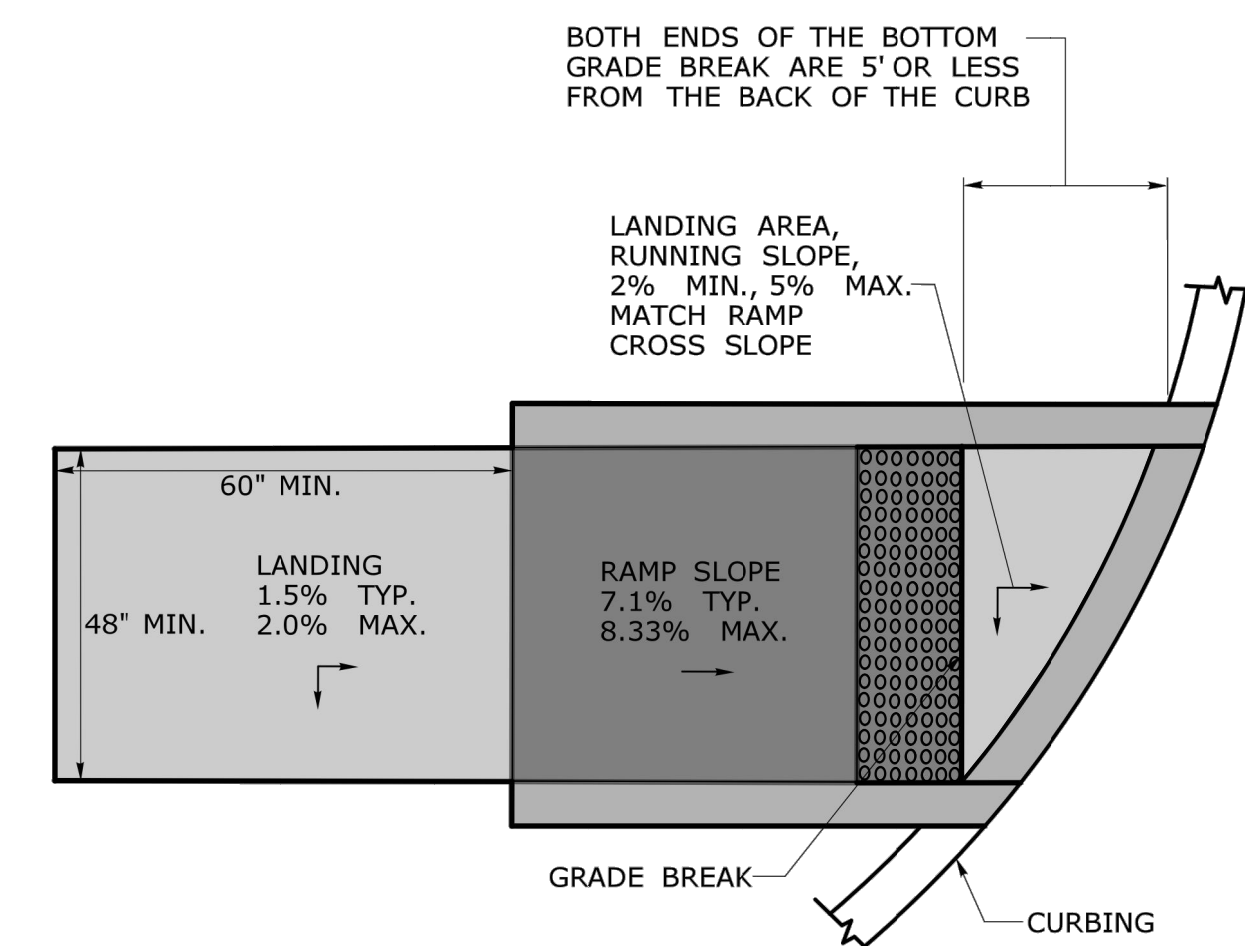
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE

GENERAL NOTES:

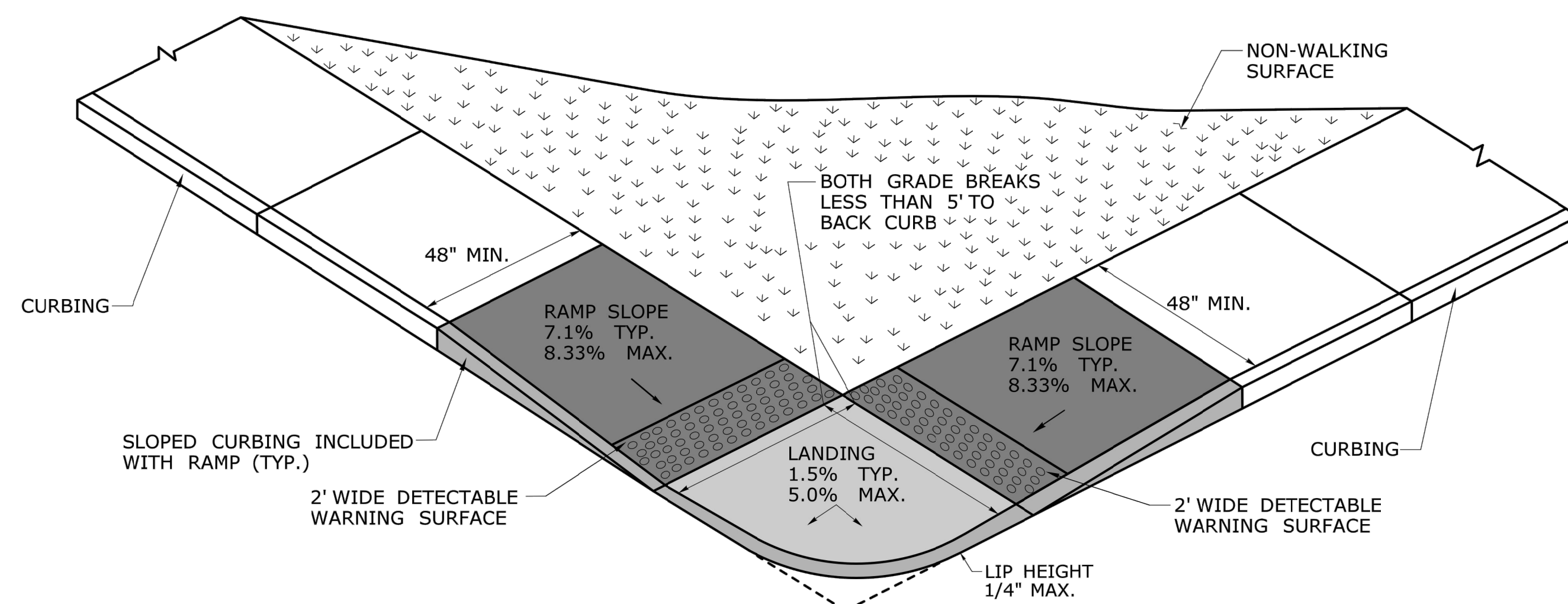
1. SIDEWALK RAMP SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED $\frac{1}{4}$ INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE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



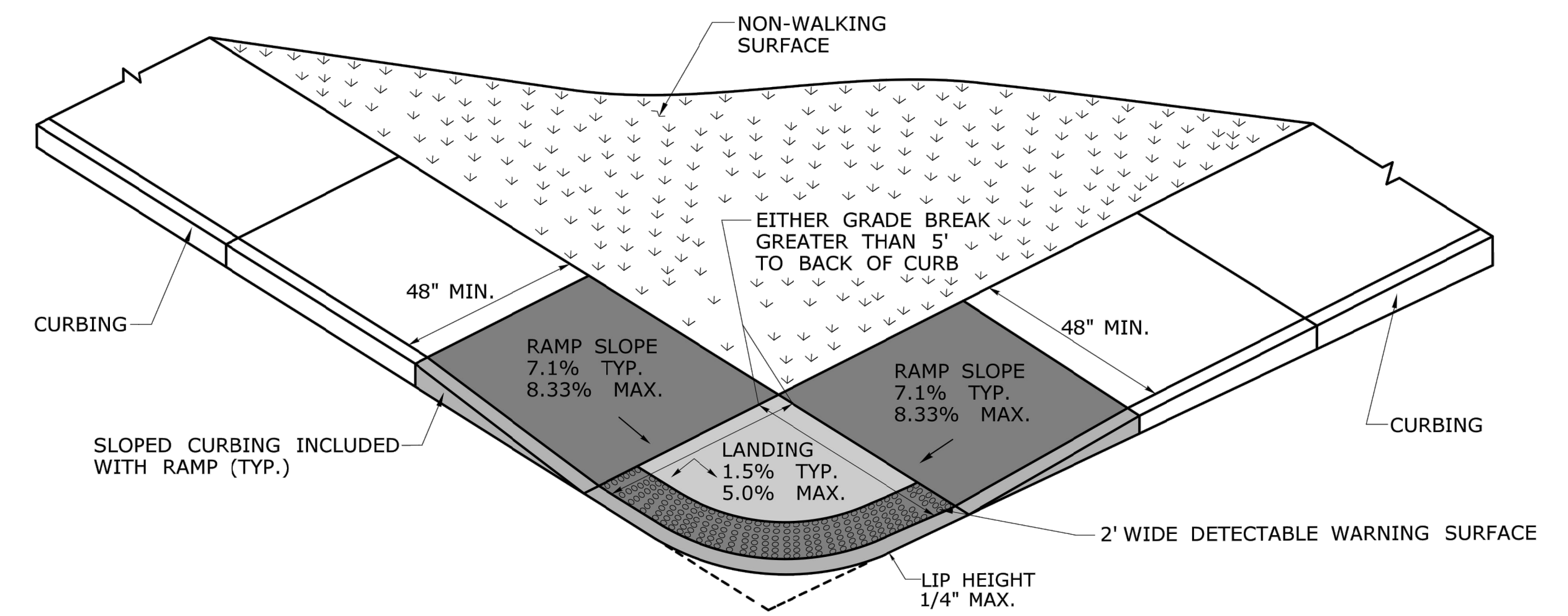
GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION



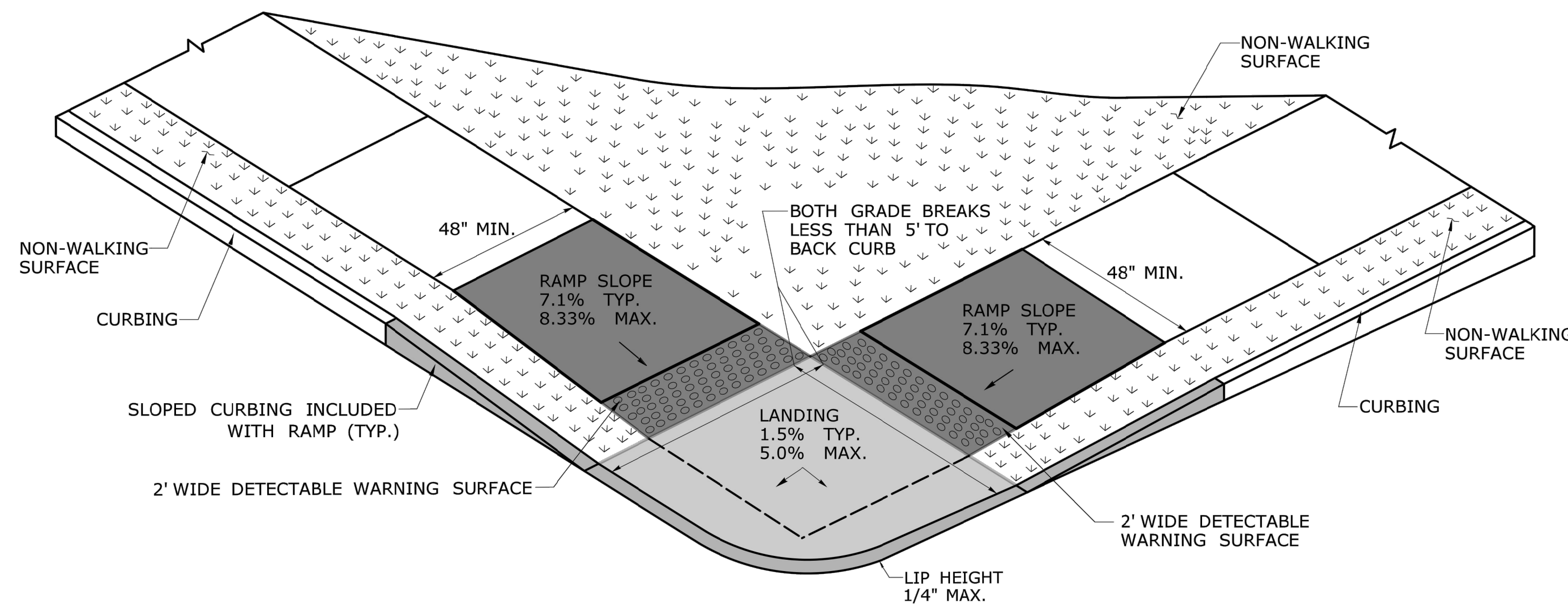
GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION



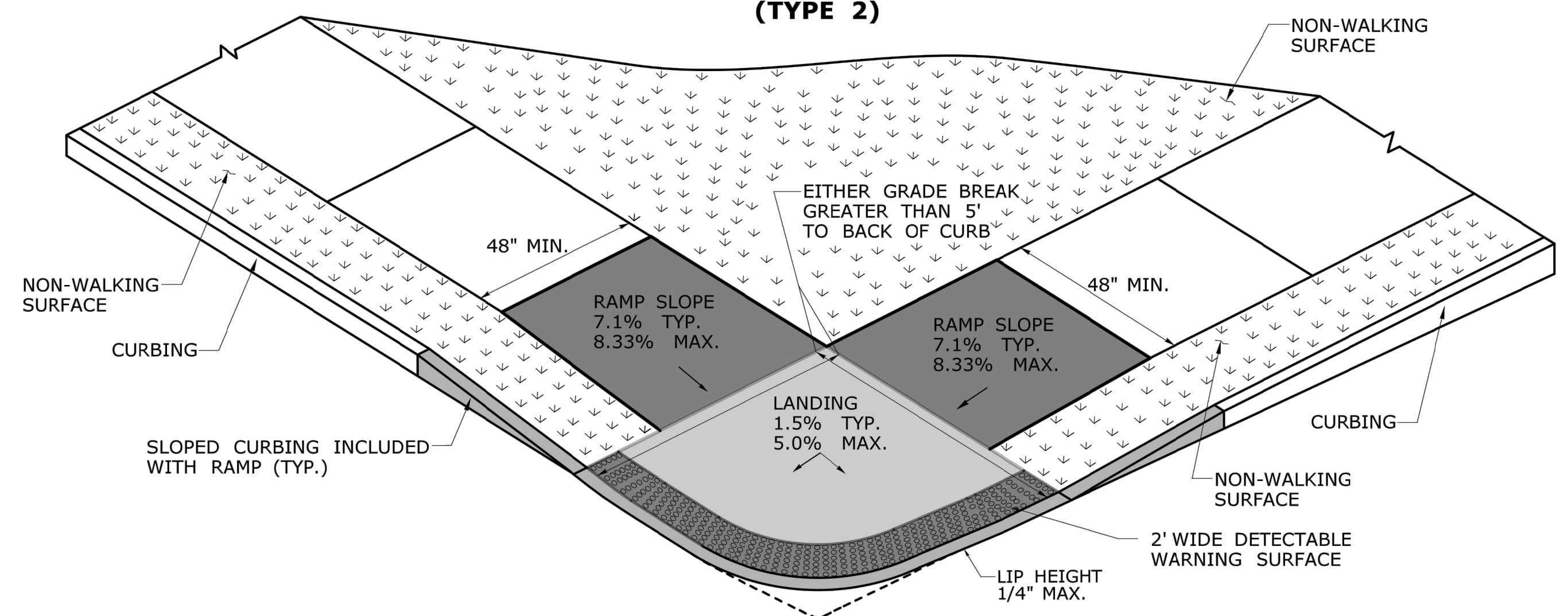
**PERPENDICULAR RAMP
WITH A GRADE BREAK OF 5' OR LESS
(TYPE 1)**



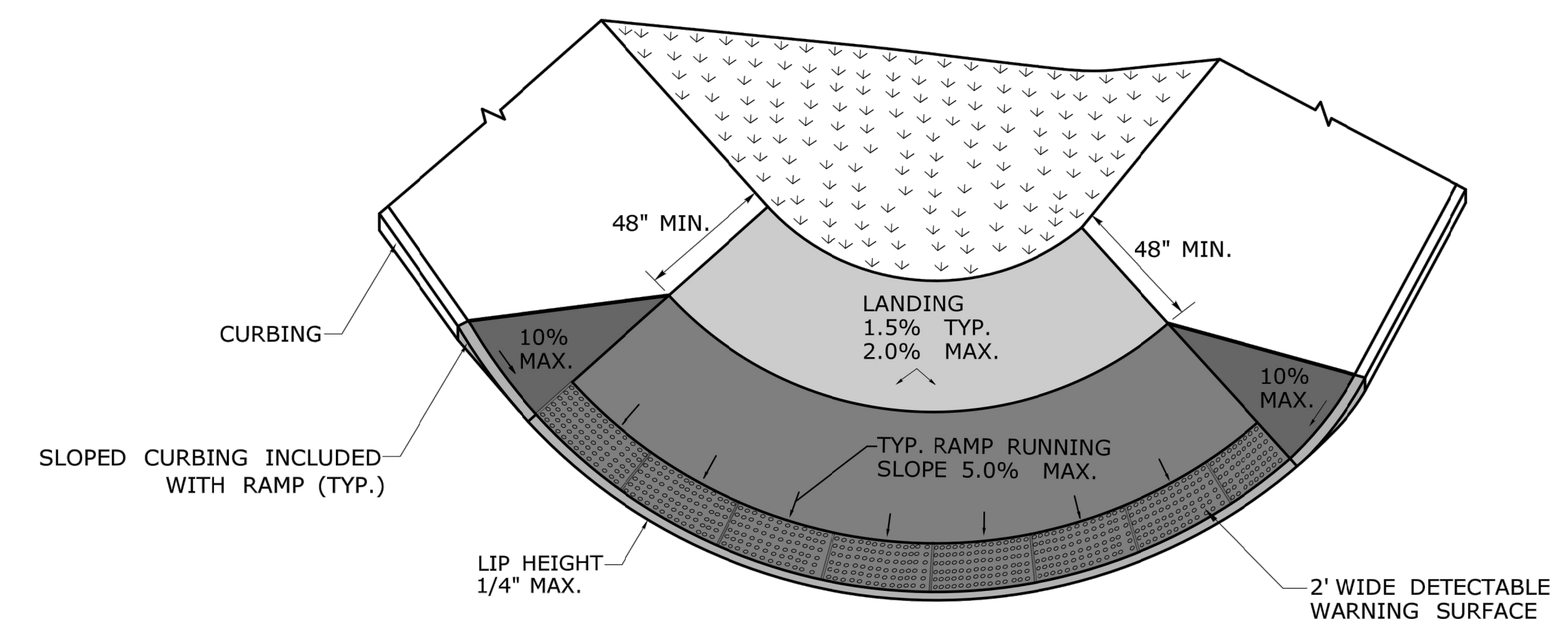
**BLENDED TRANSITION
WITH GRADE BREAK GREATER THAN 5'
(TYPE 2)**



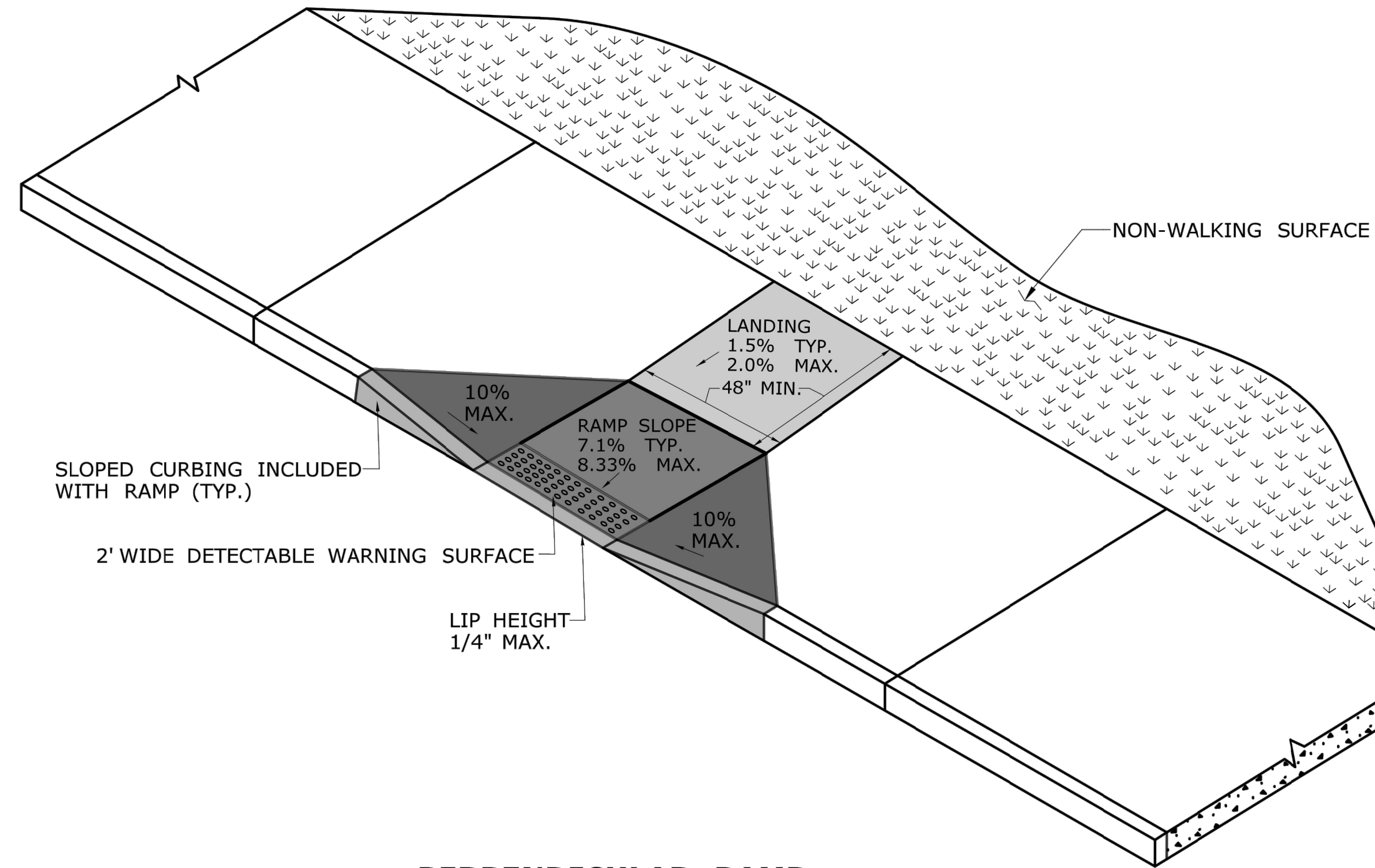
**PERPENDICULAR RAMP
WITH A GRADE BREAK
TO BACK OF CURB OF 5' OR LESS
(TYPE 3)**



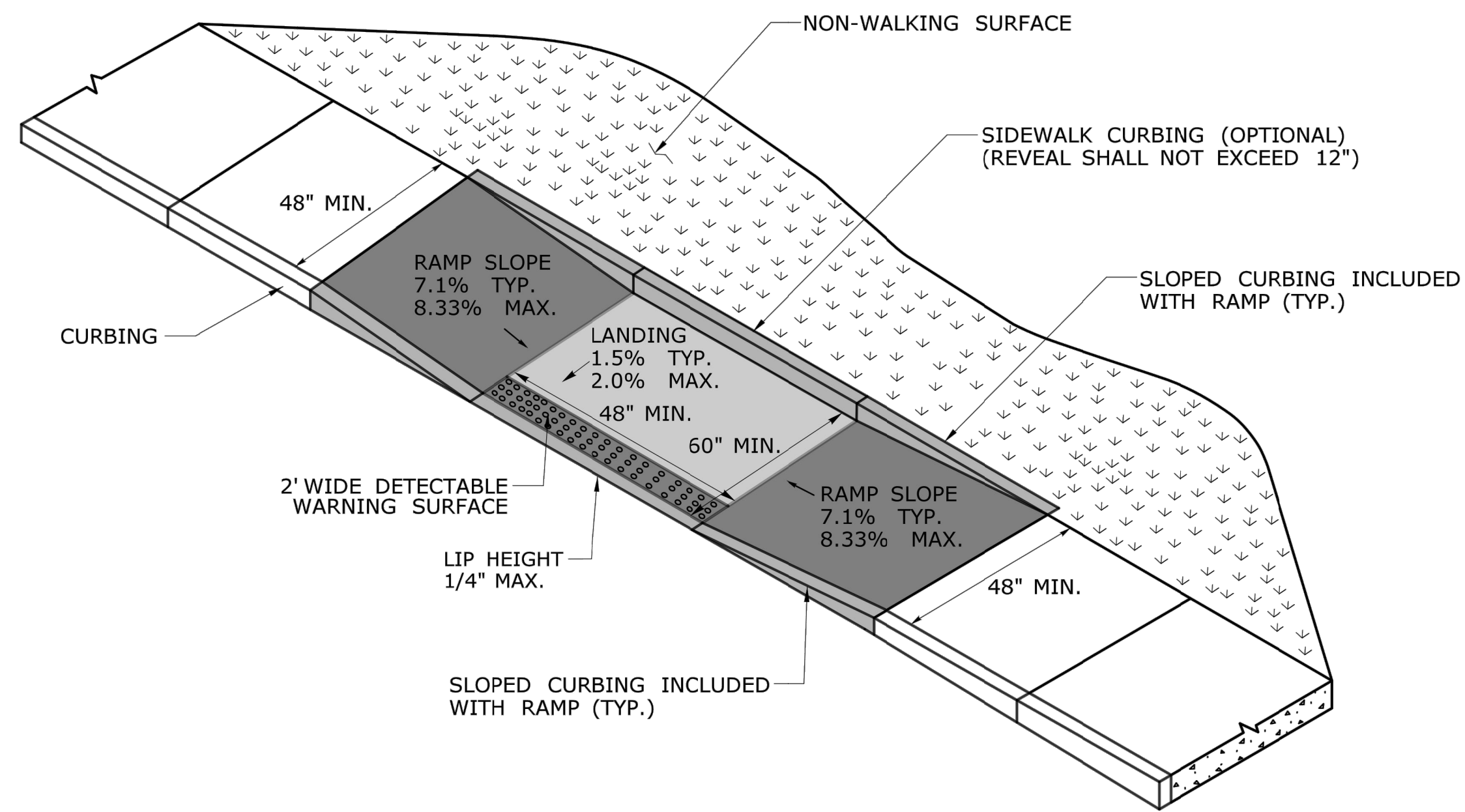
**BLENDED TRANSITION
WITH A GRADE BREAK
TO BACK OF CURB GREATER THAN 5'
(TYPE 4)**



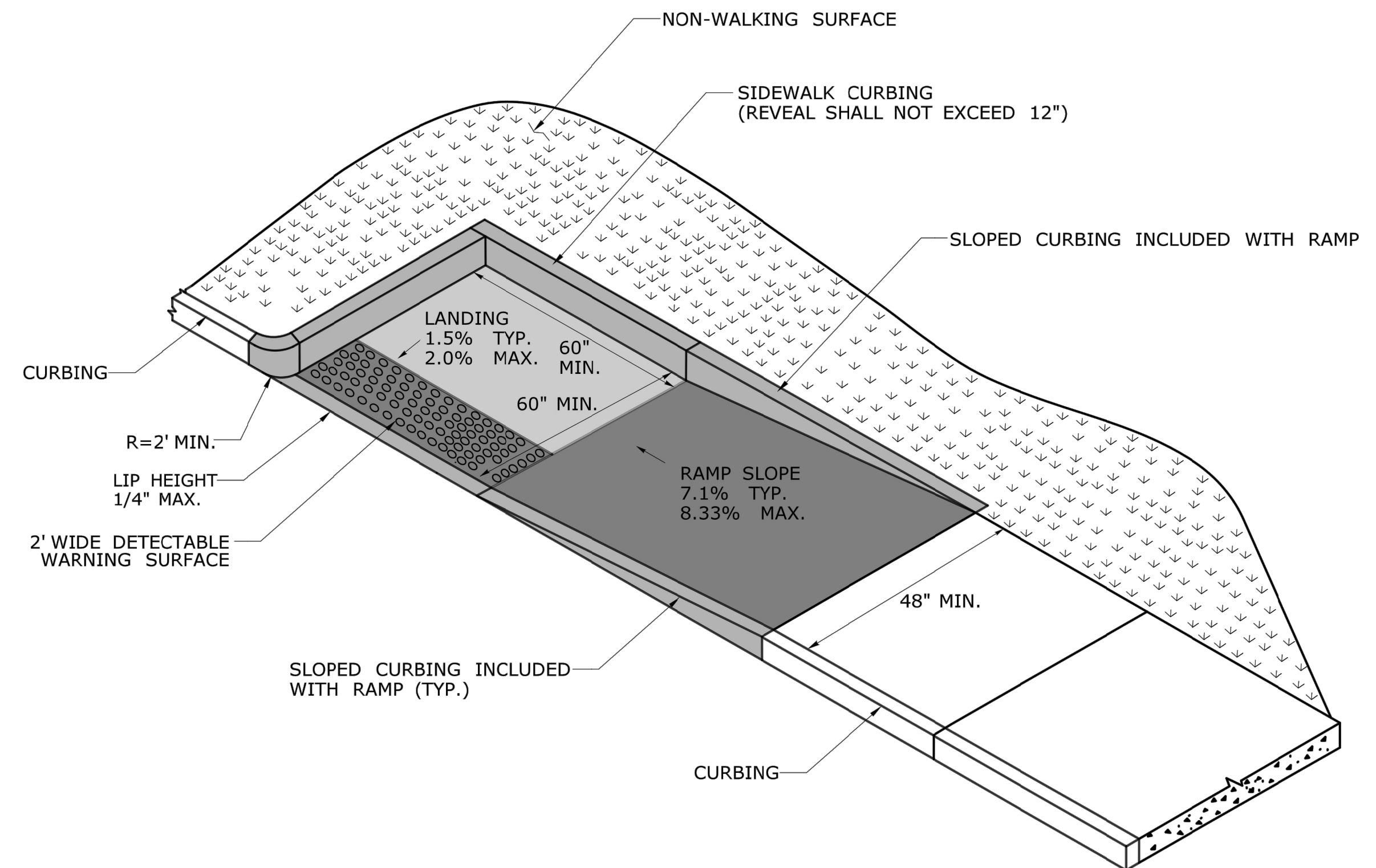
**BLENDED TRANSITION
WITH LANDING AT TOP
(TYPE 5)**



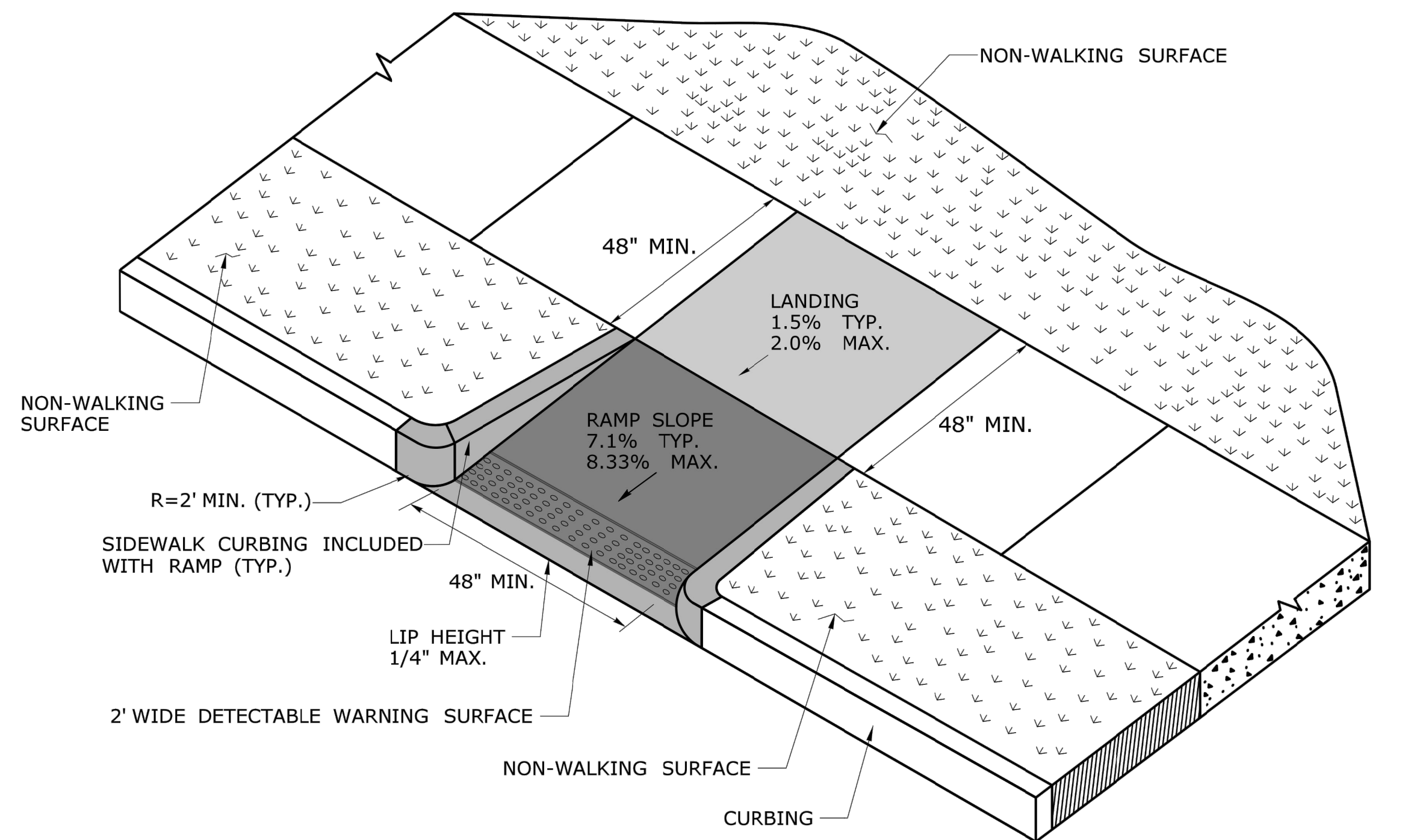
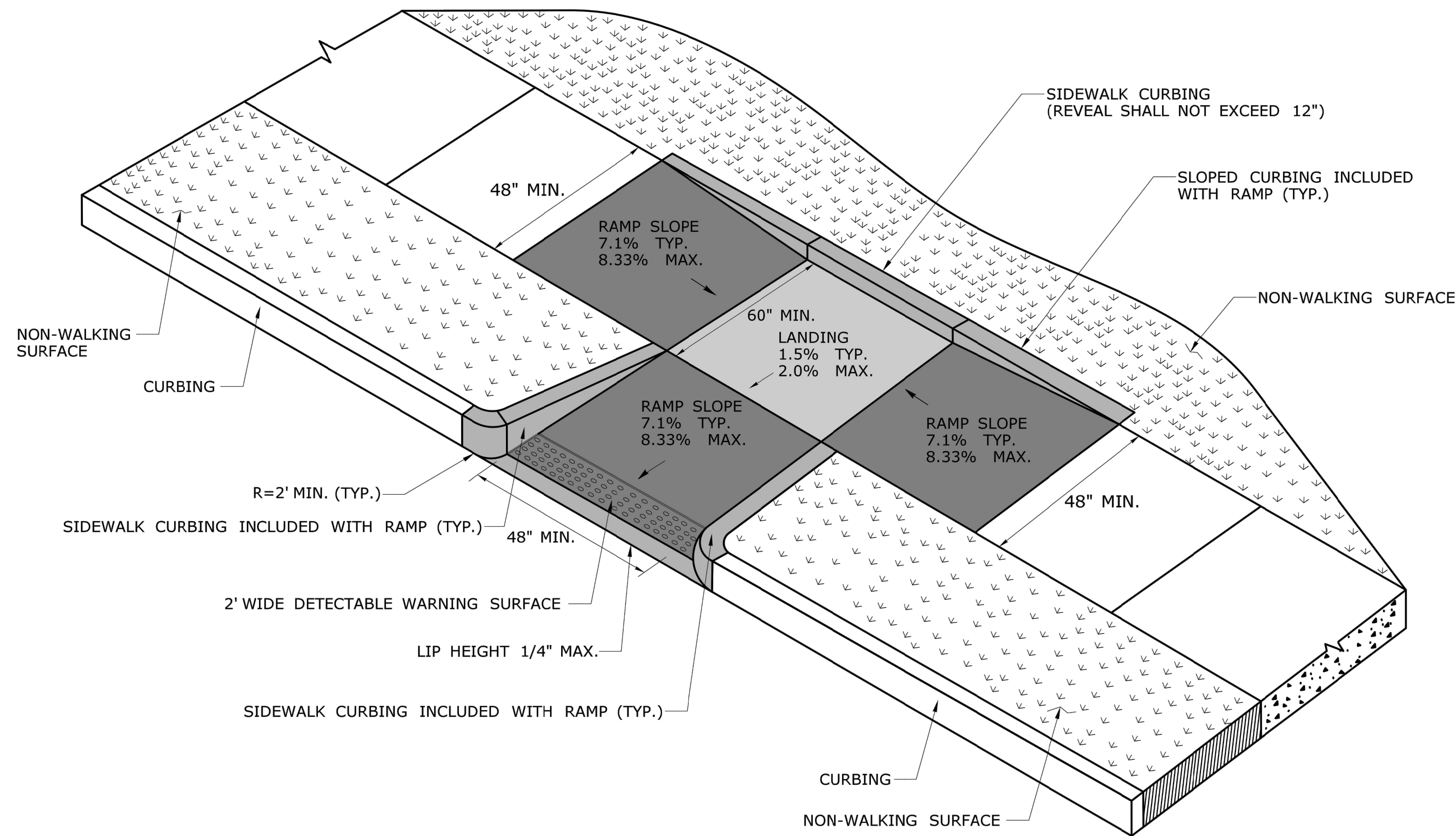
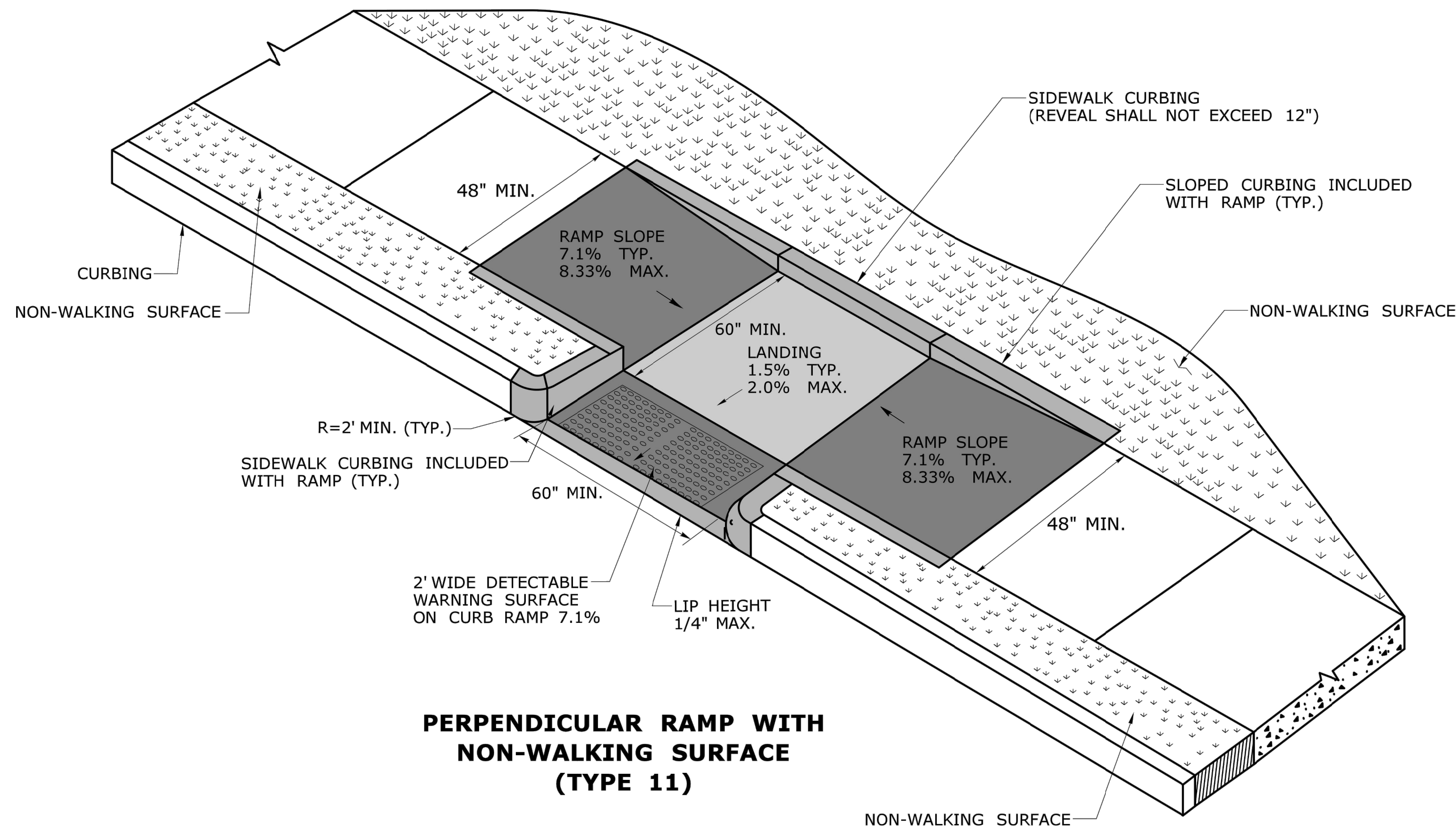
**PERPENDICULAR RAMP
WITH 48" BY-PASS
(TYPE 8)**

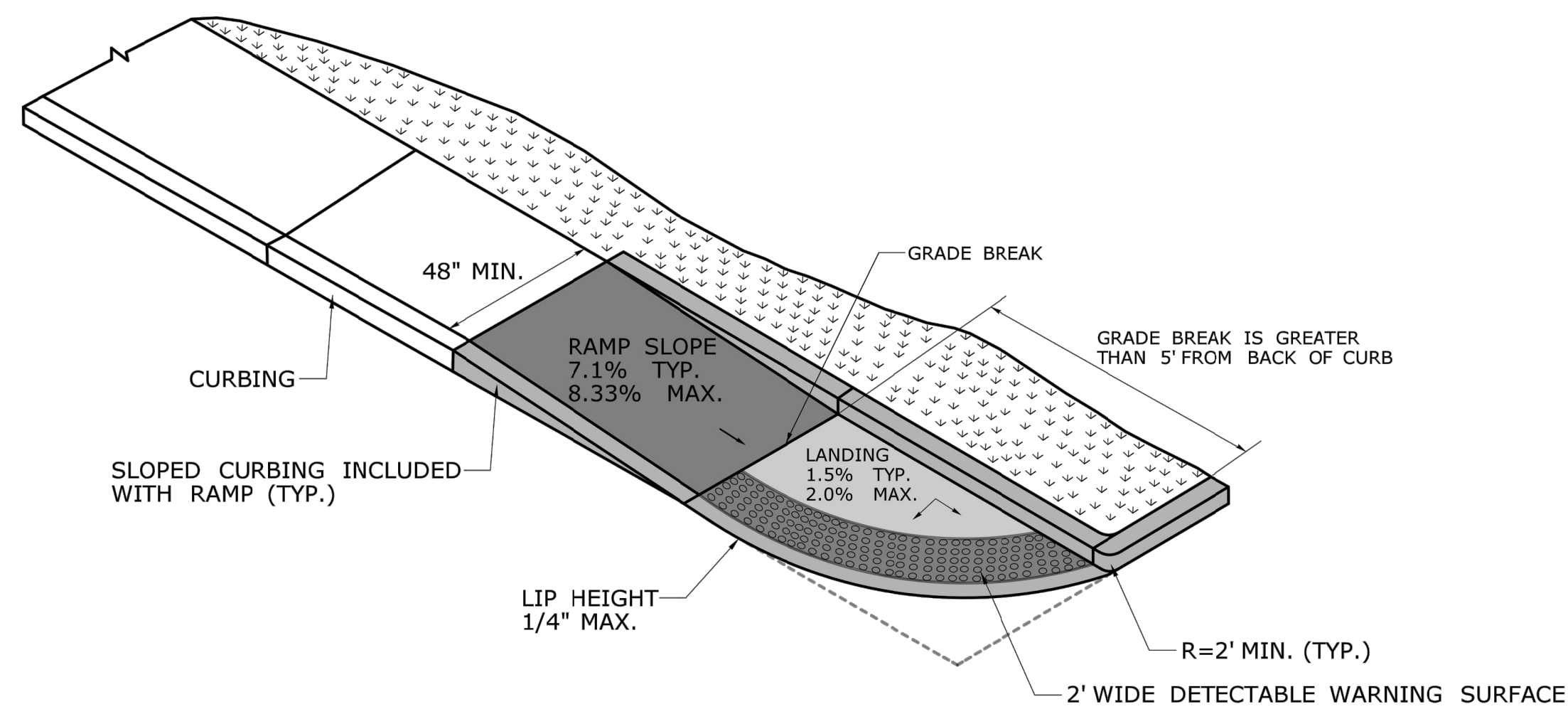


**PARALLEL RAMP WITHOUT
NON-WALKING SURFACE
(TYPE 9)**

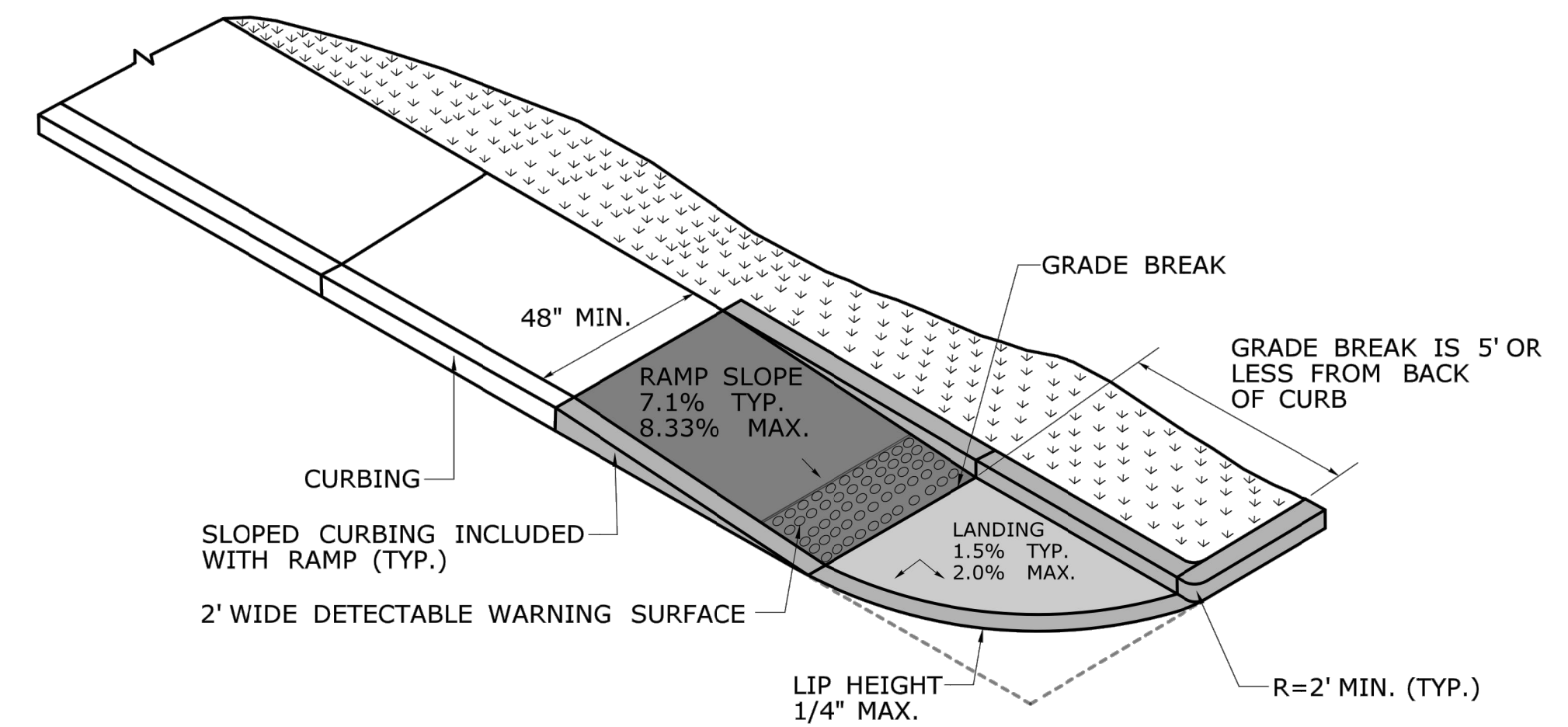


**PARALLEL RAMP
WITH LANDING AT BOTTOM ON CORNER
(TYPE 10)**

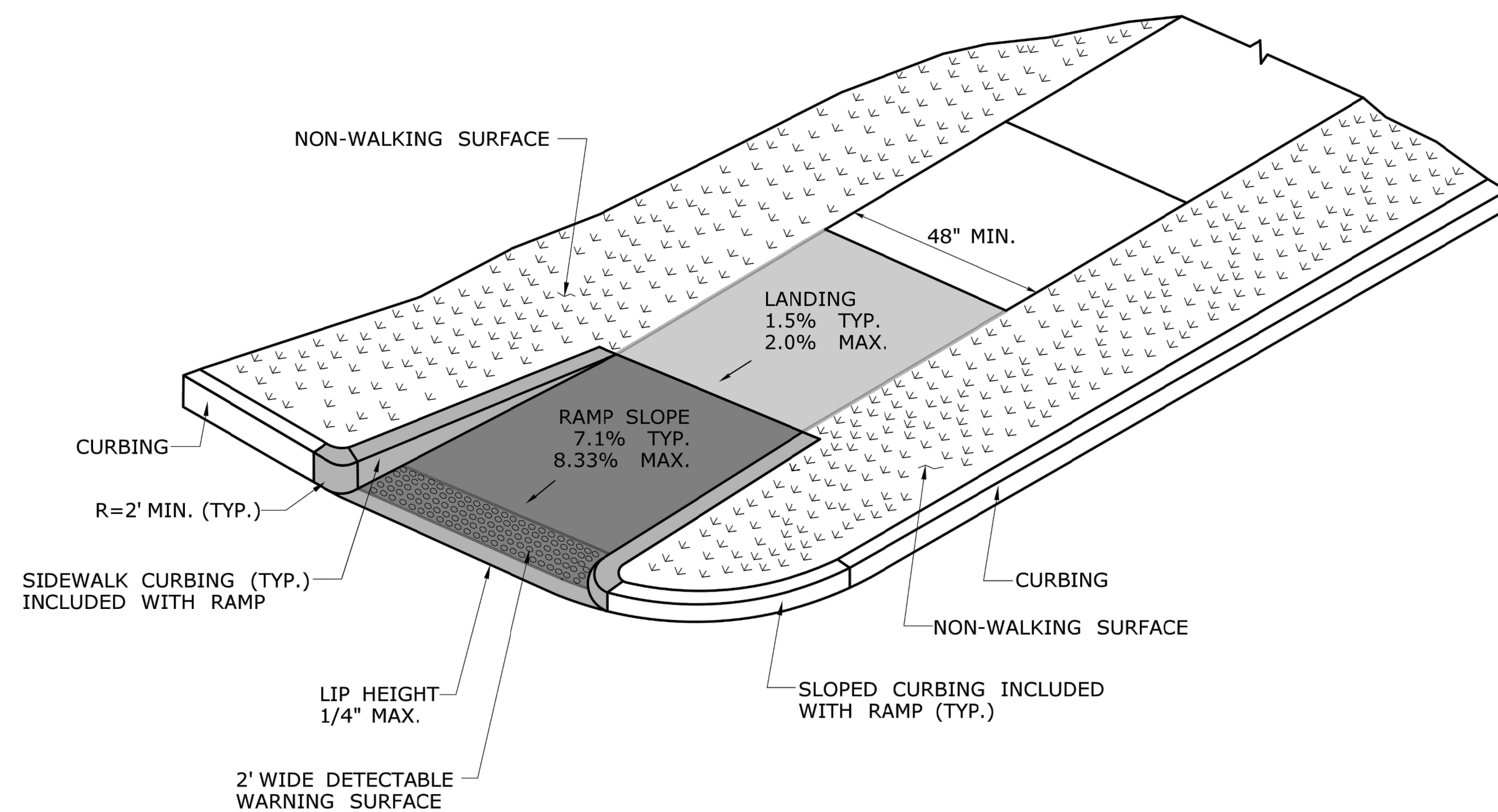




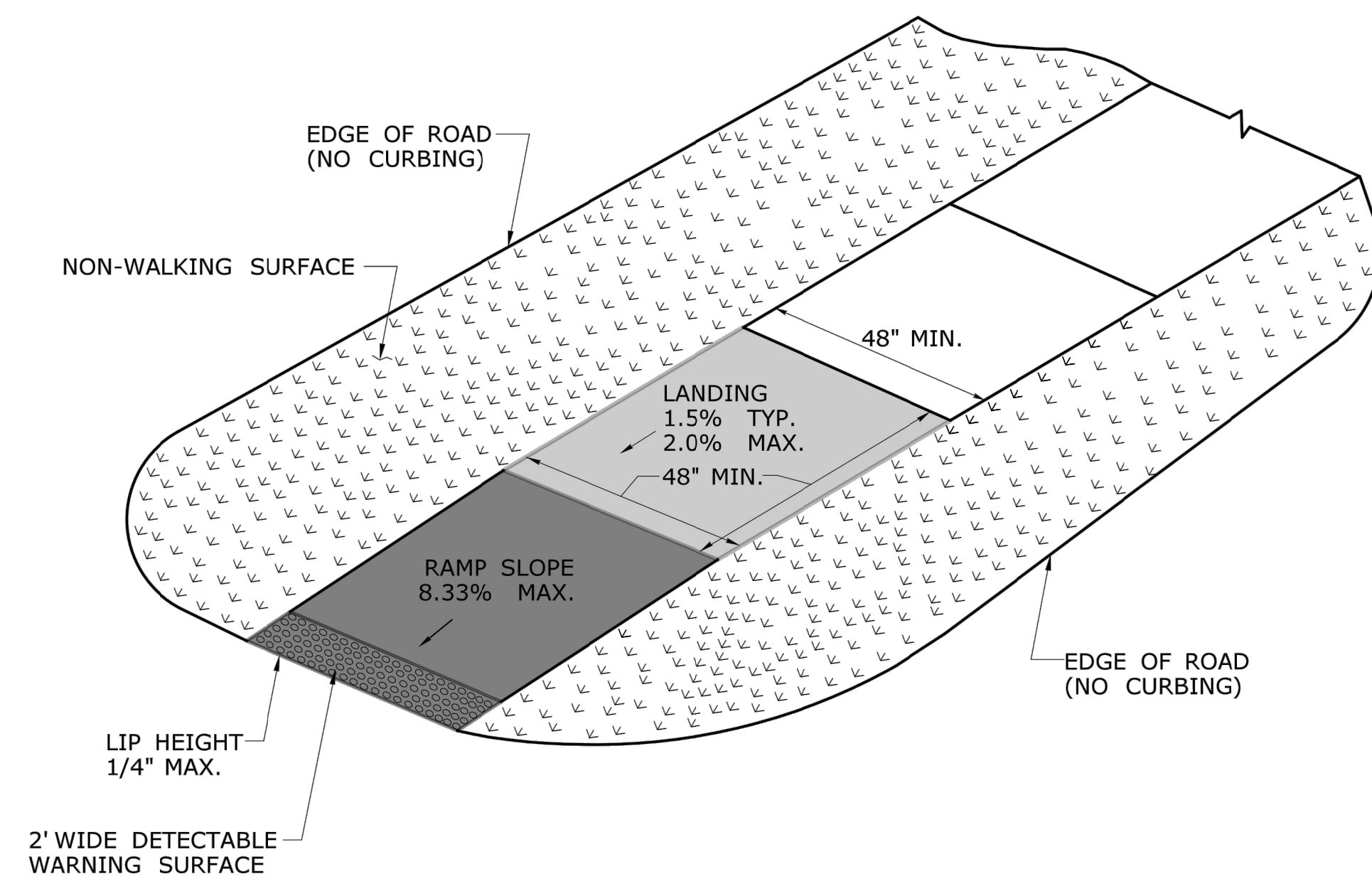
**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK GREATER THAN 5'
(TYPE 14)**



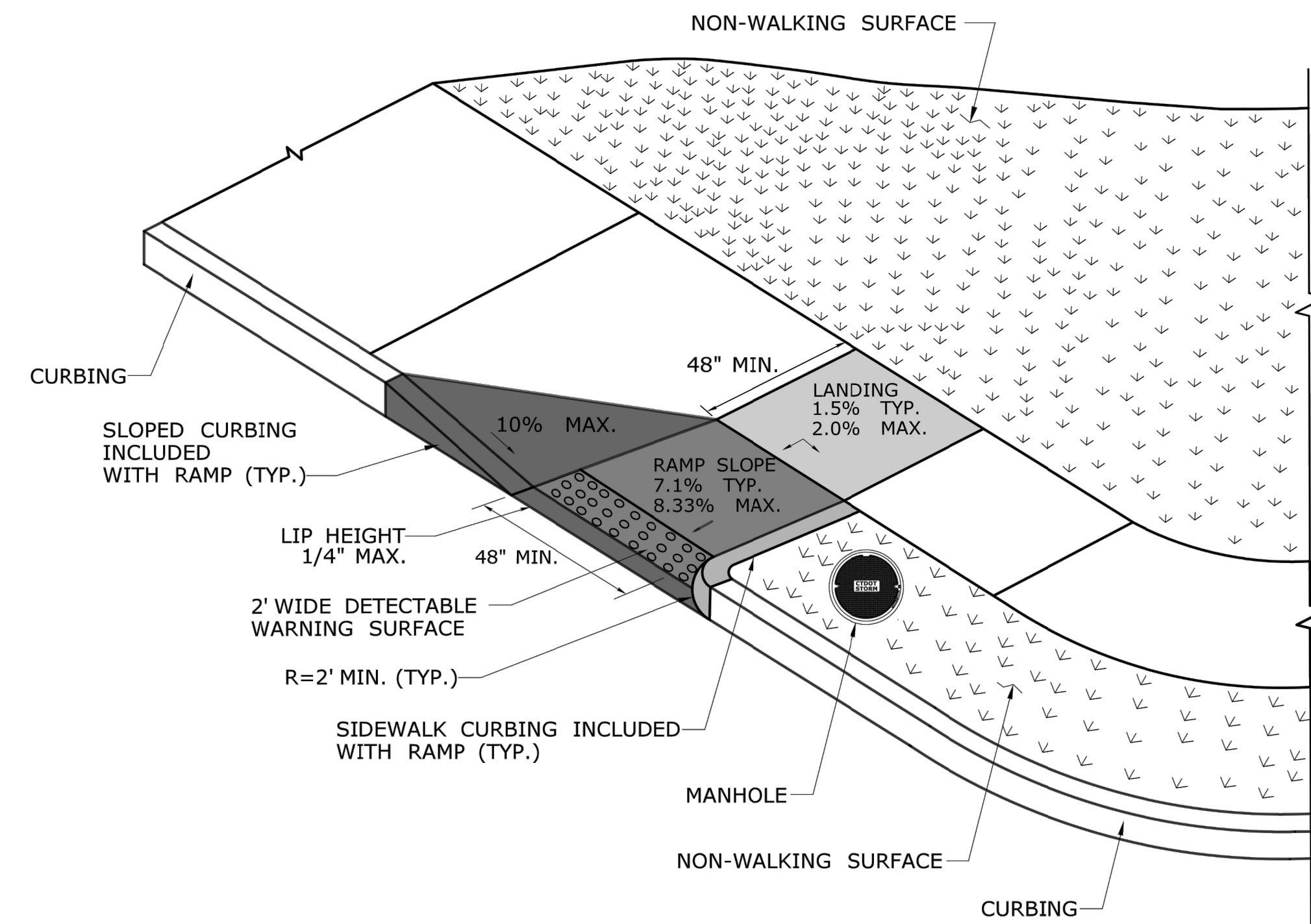
**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK 5' OR LESS
(TYPE 15)**



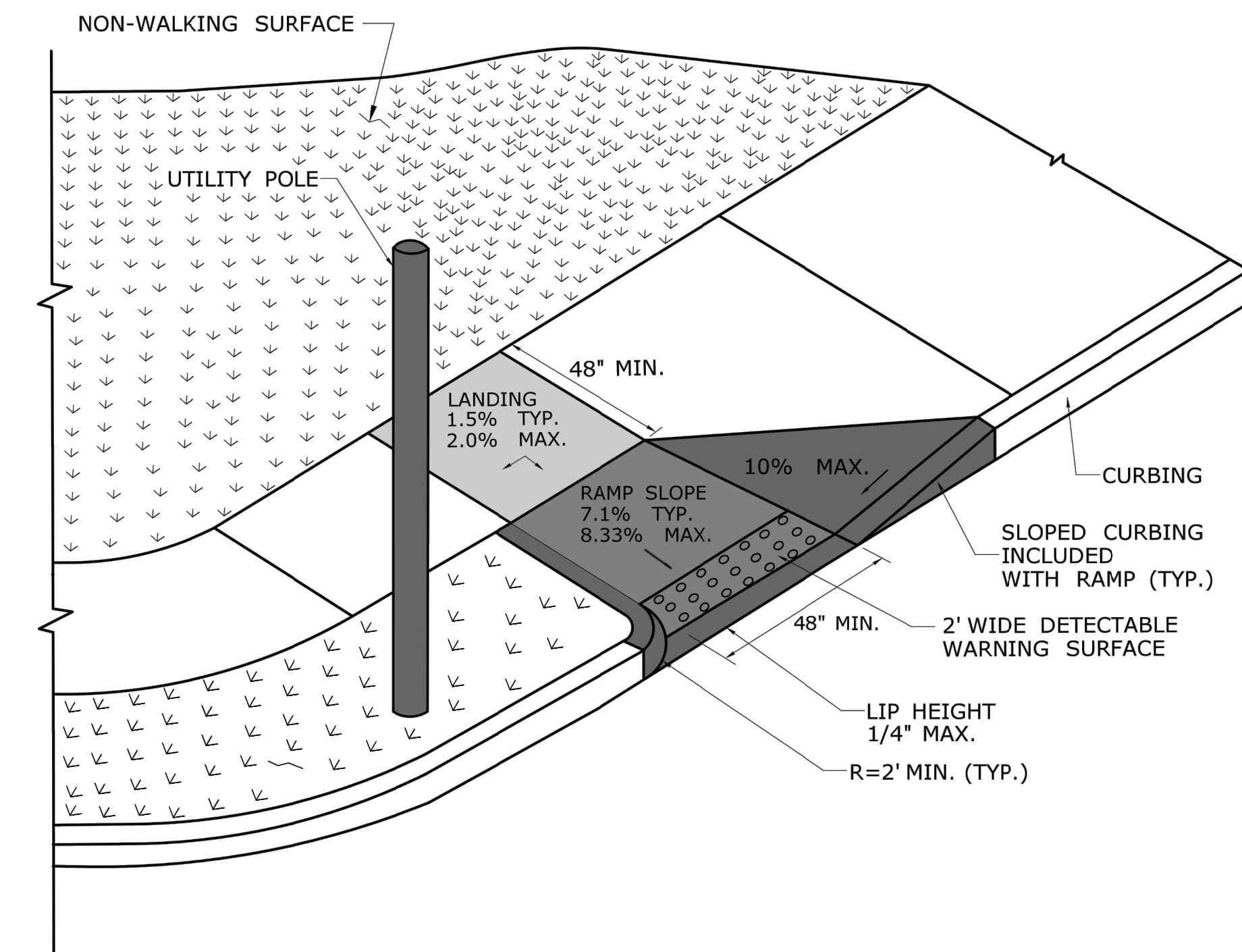
**SINGLE DIRECTION - RETURN CURB
WITH NON-WALKING SURFACE
(TYPE 16)**



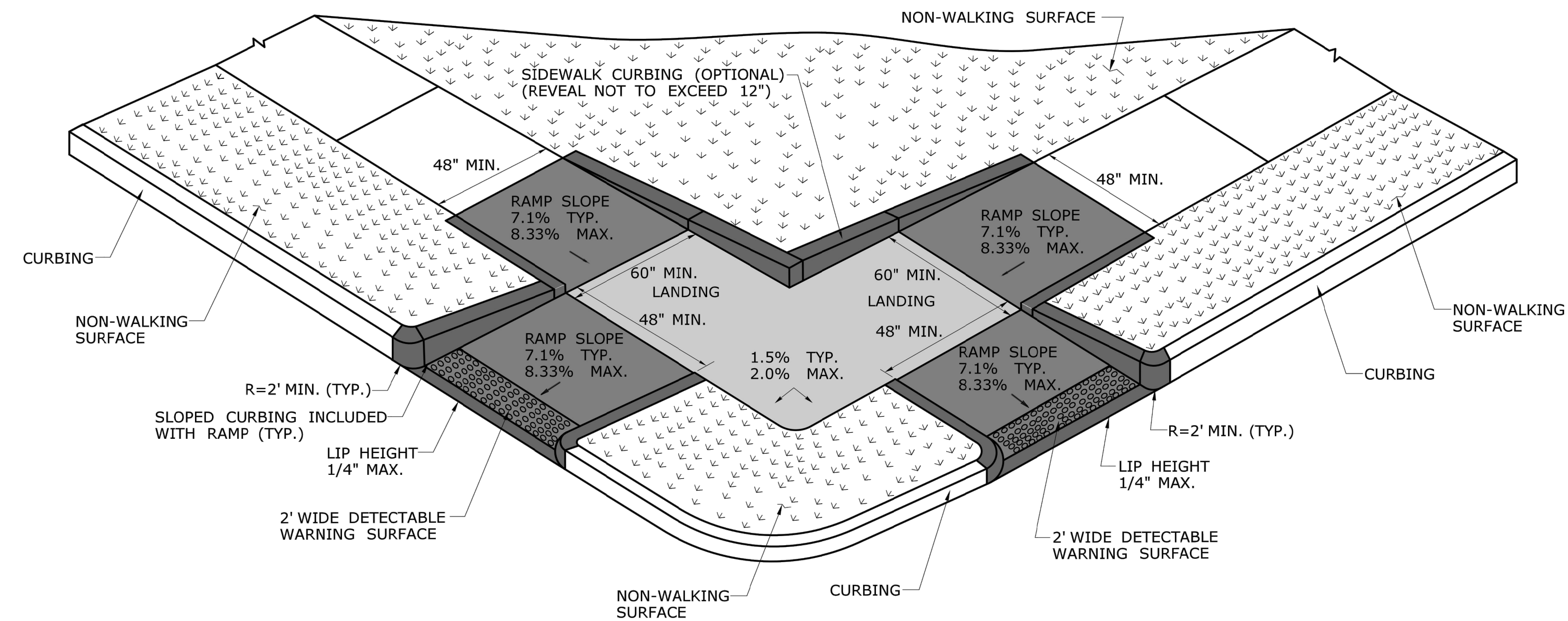
**SINGLE DIRECTION - NO CURB
WITH NON-WALKING SURFACE
(TYPE 17)**



**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



PROJECT NUMBER: ####

PROJECT DESCRIPTION: ####

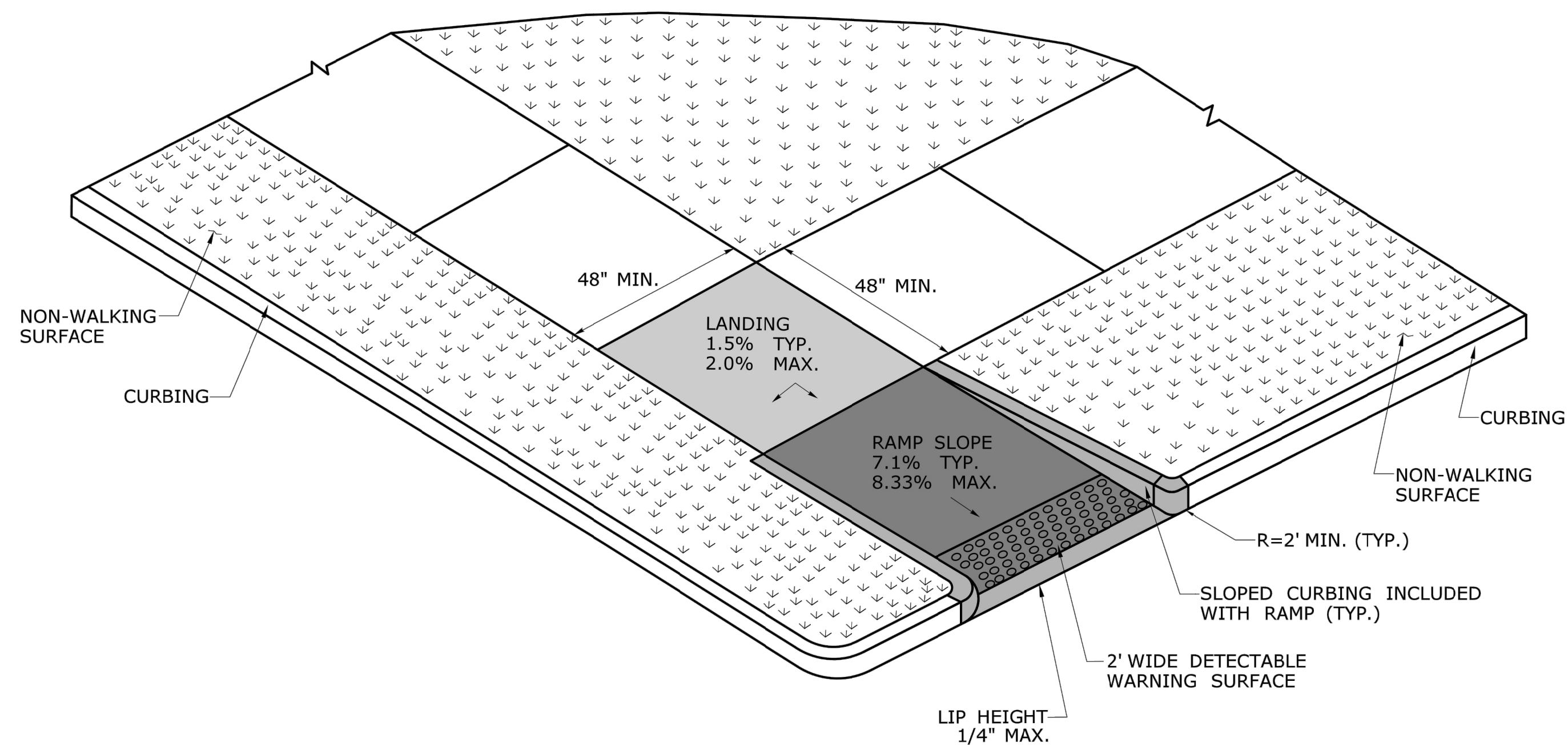
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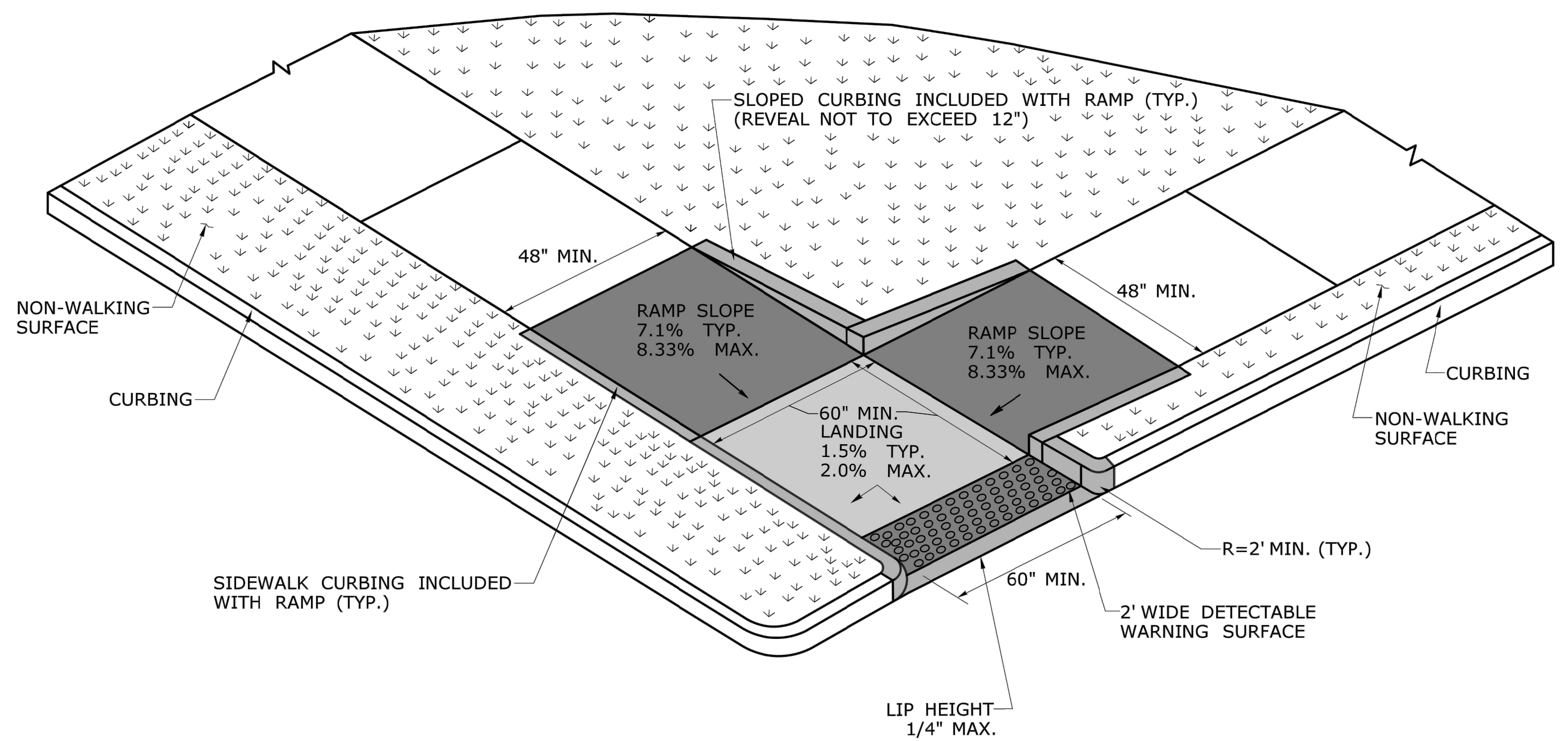
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SHEET NO.





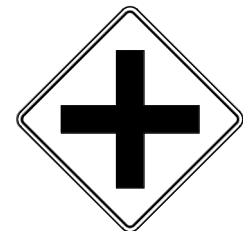
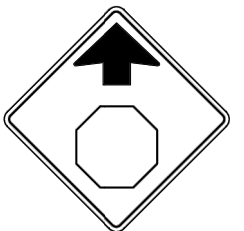



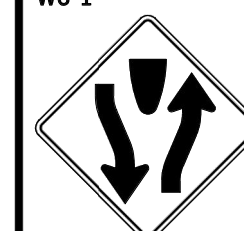
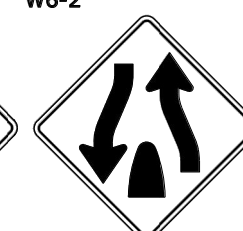




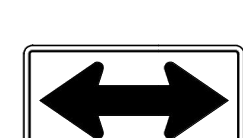
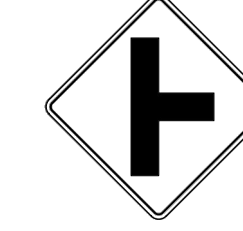
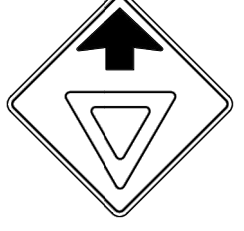
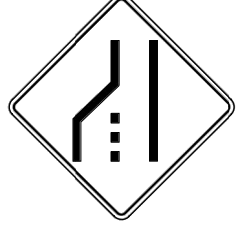
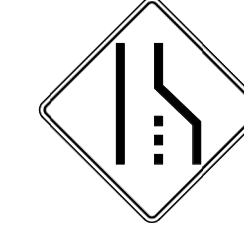

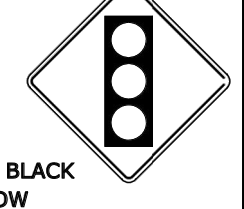

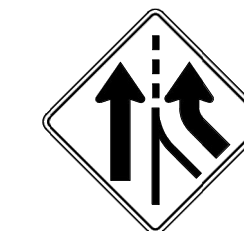
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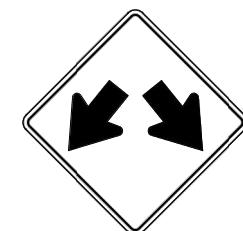
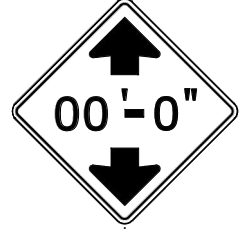

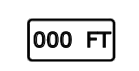
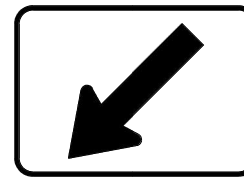
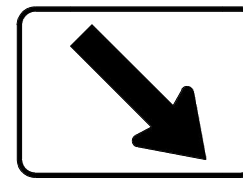


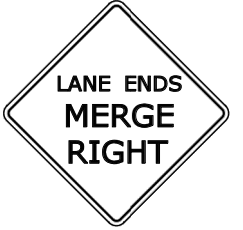
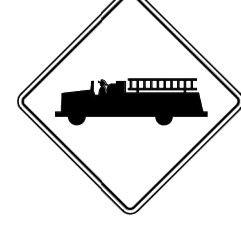
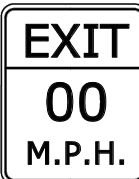
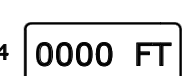



**RESTRICTED PEDESTRIAN CROSSING SIDEWALK RAMP
WITH NON-WALKING SURFACE
(TYPE 20)**

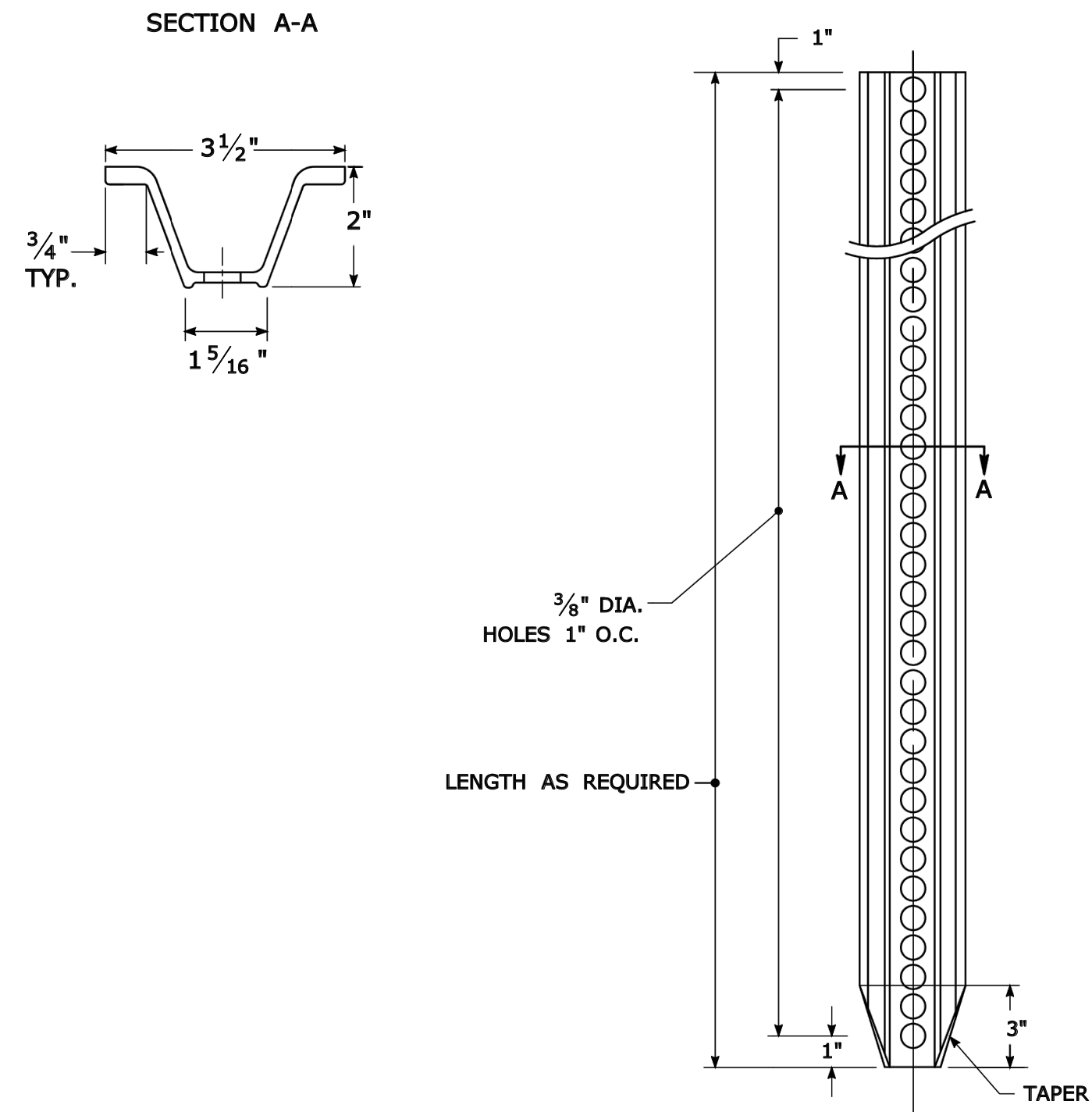


**RESTRICTED PEDESTRIAN CROSSING
WITH LANDING AT BOTTOM AND NON-WALKING SURFACE
(TYPE 21)**

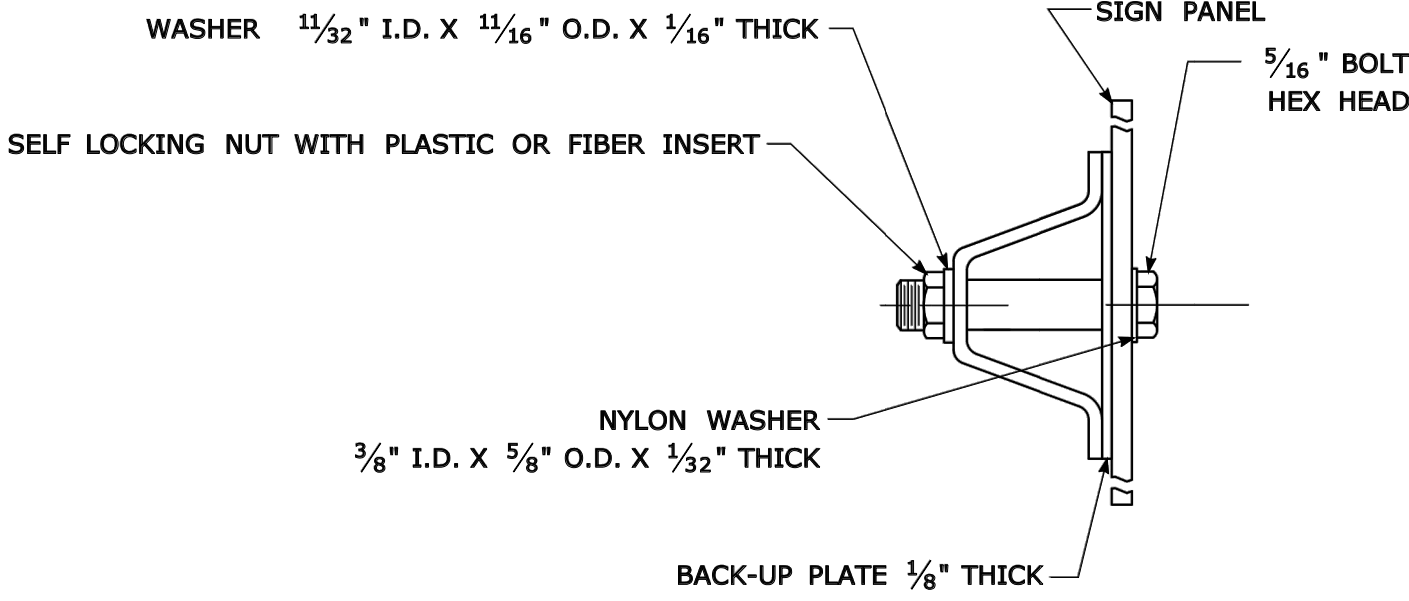
S - SERIES					W1 - SERIES					W2 - SERIES					W3 - SERIES					W4 - SERIES					W5 - SERIES					W6 - SERIES					W7 - SERIES					W8 - SERIES																																																																																																																																																																																																																																																																													
<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> <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
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																																																																																																																																	
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9.00	36	41-4335	1	.080																																																																																																																																																																																																																																																																																																																	
16.00	48	41-4330	2	.100																																																																																																																																																																																																																																																																																																																	
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										<div>W1-2</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>6.25</td><td>30</td><td>41-4029</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4169</td><td>1</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4029	1	.080	9.00	36	41-4169	1	.080	<div>W1-2</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>6.25</td><td>30</td><td>41-4168</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4032</td><td>1</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4168	1	.080	9.00	36	41-4032	1	.080	<div>W1-7</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>8.00</td><td>48X24</td><td>41-4207</td><td>2</td><td>.100</td></tr><tr><td>12.50</td><td>60X30</td><td>41-4208</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	8.00	48X24	41-4207	2	.100	12.50	60X30	41-4208	2	.100	<div>W2-2</div> <div></div> <div>(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>6.25</td><td>30</td><td>41-4225</td><td>1</td><td>.080</td></tr><tr><td>9.00</td><td>36</td><td>41-4235</td><td>1</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-4225	1	.080	9.00	36	41-4235	1	.080	<div>W3-2</div> <div></div> <div>TRIANGLE - RED & WHITE</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>41-0504</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-0506</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30	41-0504	1	.080	16.00	48	41-0506	2	.100	<div>W4-2</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>41-4442</td><td>1</td><td>.080</td></tr><tr><td>16.00</td><td>48</td><td>41-4446</td><td>2</td><td>.100</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36	41-4442	1	.080	16.00	48	41-4446	2	.100	<div>W4-2</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>41-4441</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																																																																																																																													
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12.50	60X30	41-4208	2	.100																																																																																																																																																																																																																																																																																																																	
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6.25	30	41-4225	1	.080																																																																																																																																																																																																																																																																																																																	
9.00	36	41-4235	1	.080																																																																																																																																																																																																																																																																																																																	
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6.25	30	41-0504	1	.080																																																																																																																																																																																																																																																																																																																	
16.00	48	41-0506	2	.100																																																																																																																																																																																																																																																																																																																	
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16.00	48	41-4446	2	.100																																																																																																																																																																																																																																																																																																																	
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9.00	36	41-4441	1	.080																																																																																																																																																																																																																																																																																																																	
16.00	48	41-4447	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																																																																																																																																																																																																			
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										<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																																																																																																																																																																																																																																																																																								
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<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>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>2.00</td><td>4X72</td><td>41-5010</td><td>1</td><td>.080</td></tr></table>										AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	4X72	41-5010	1	.080	<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>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.	2.00	4X72	41-5006	1	.080
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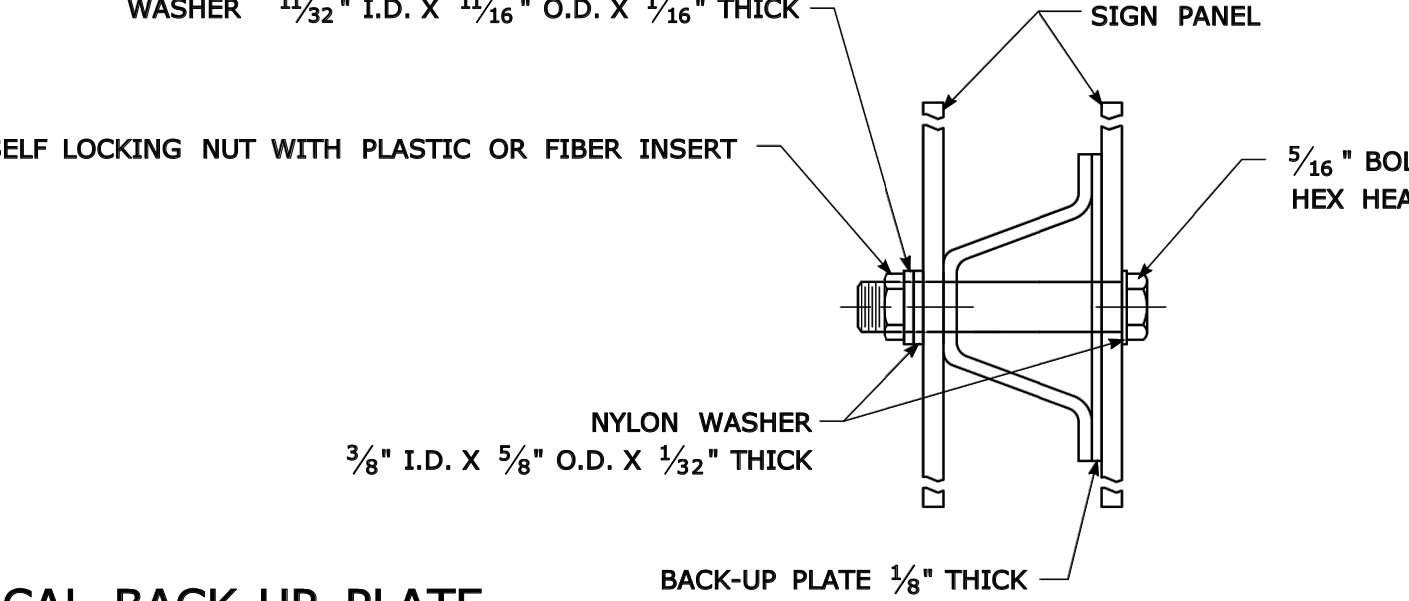
TYPICAL METAL SIGN POSTS



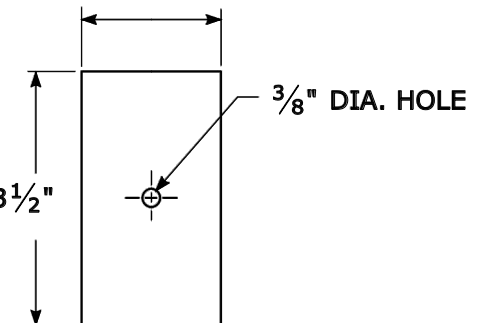
TYPICAL SIGN PANEL ATTACHMENT



TYPICAL BACK TO BACK SIGN PANEL ATTACHMENT

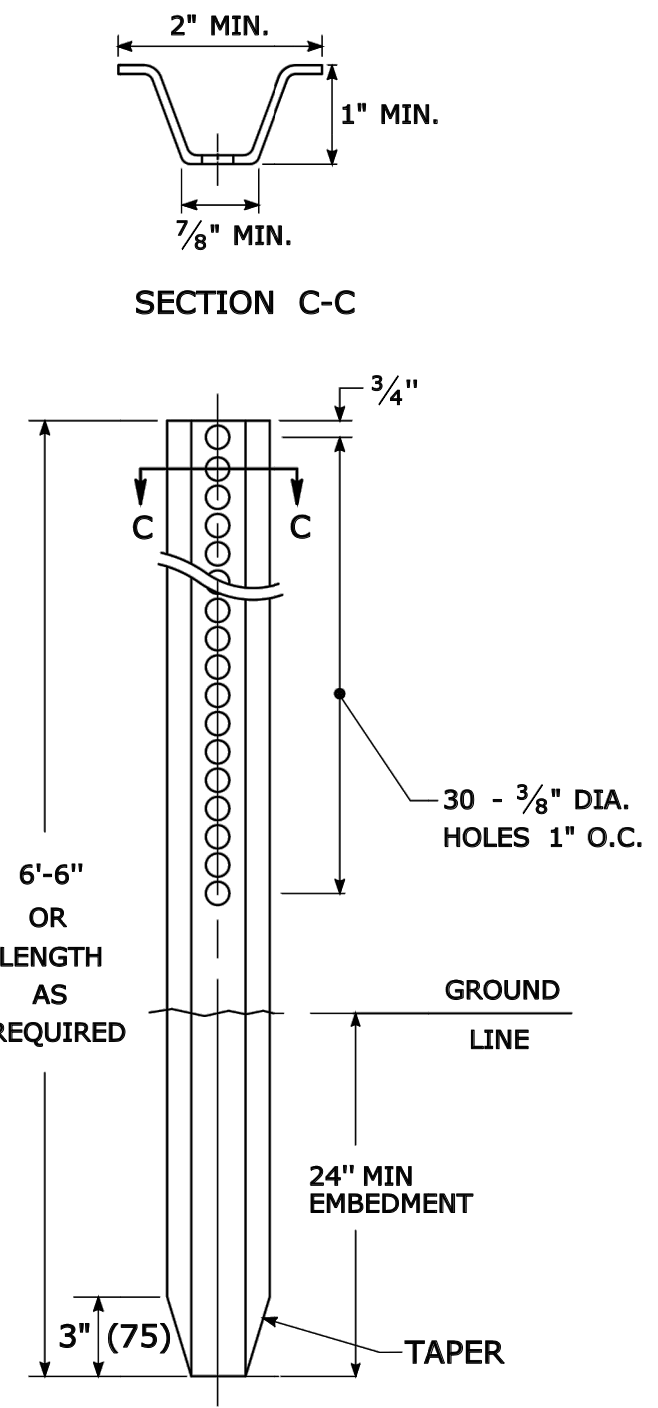


TYPICAL BACK-UP PLATE



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).

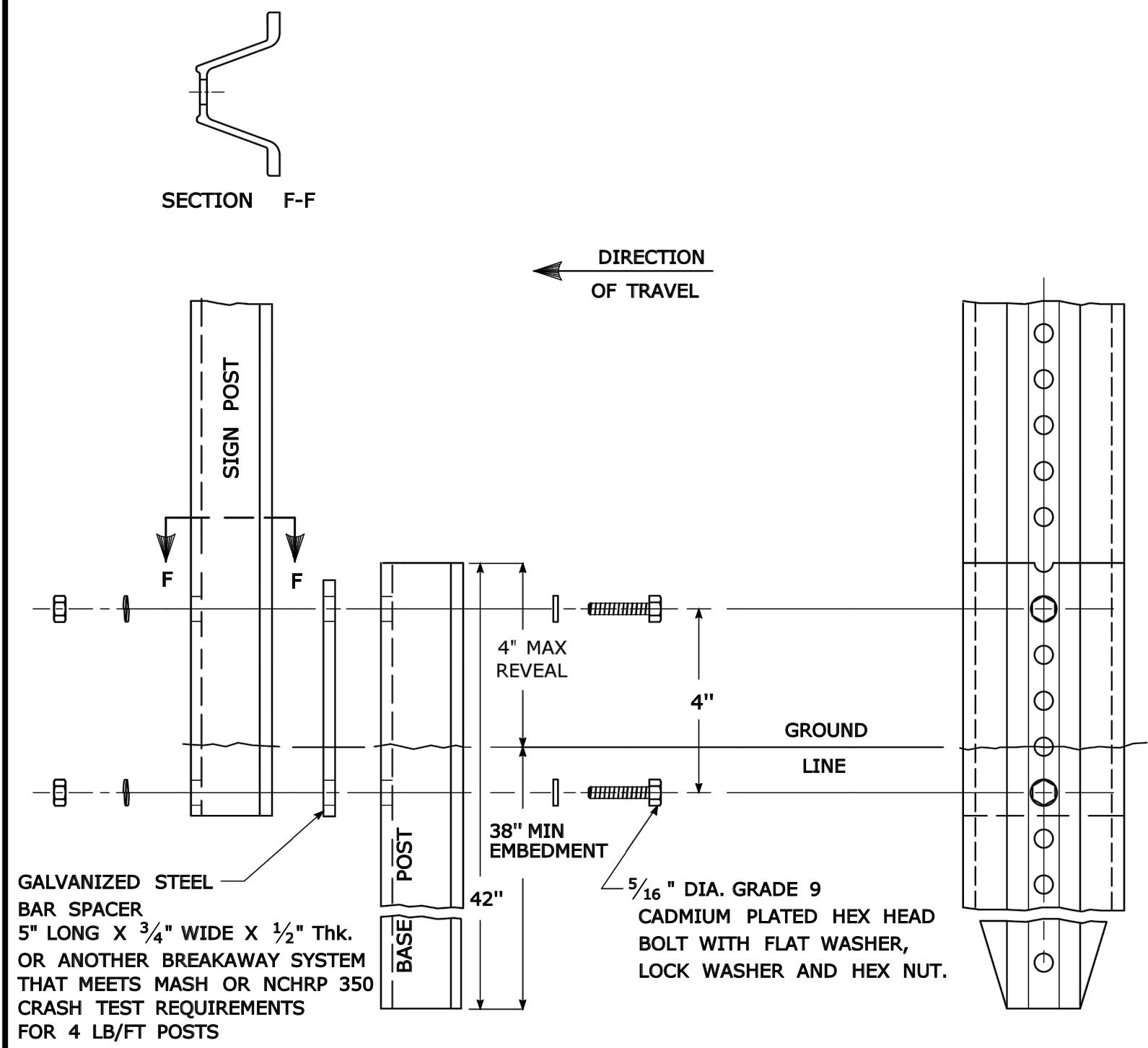
METAL DELINEATOR POST
WT./FT. = 1.12 LBS./FT. MIN.



GENERAL NOTES:

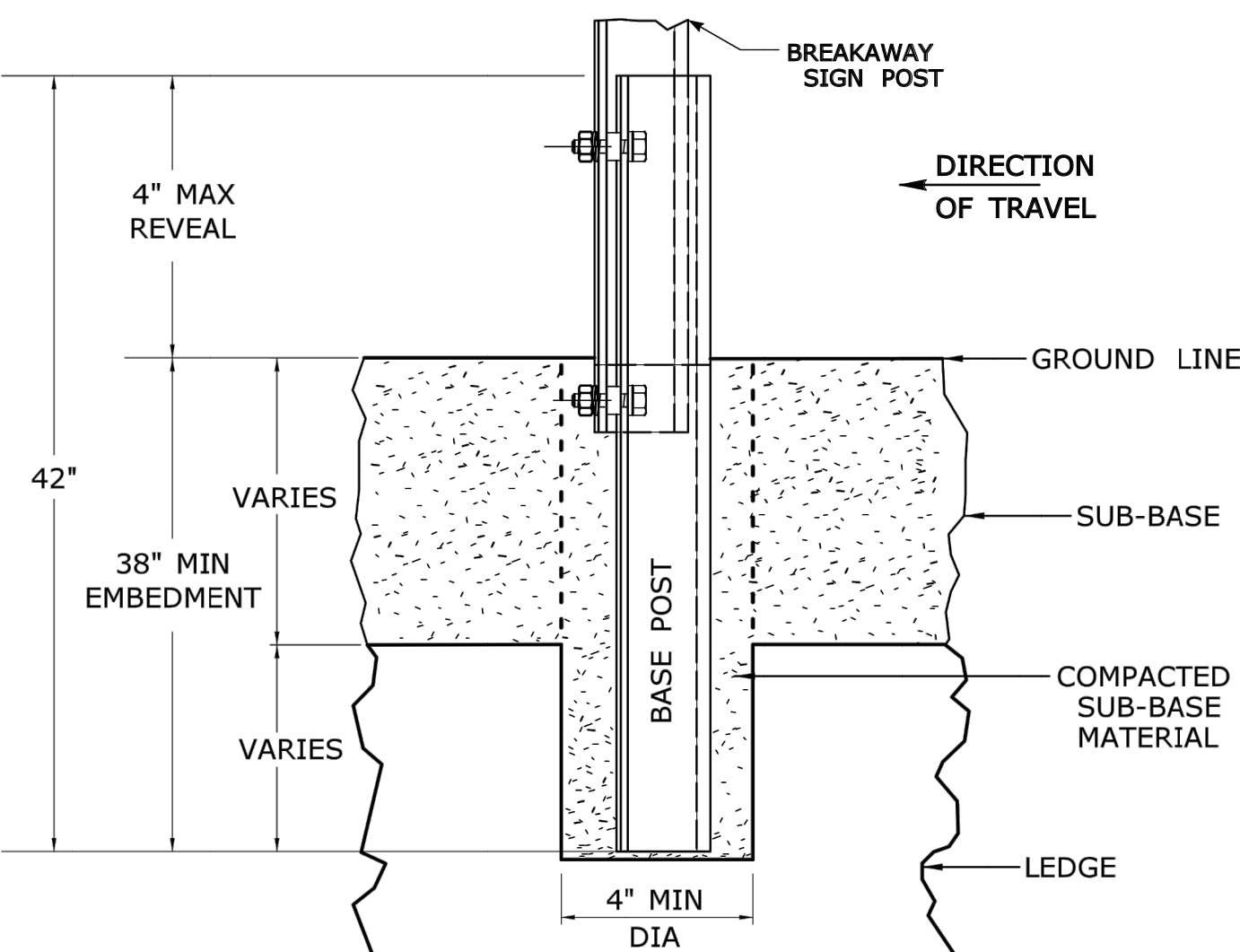
1. STEEL FOR DELINEATOR POSTS SHALL BE ASTM A36 STEEL. STEEL FOR ALL OTHER POSTS SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A 499 GRADE 80 AND TO THE CHEMICAL REQUIREMENTS OF ASTM A1 CARBON STEEL TEE RAIL HAVING NOMINAL WEIGHT (MASS) OF 91 LBS. OR GREATER PER LINEAR YARD.
2. AFTER FABRICATION, 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

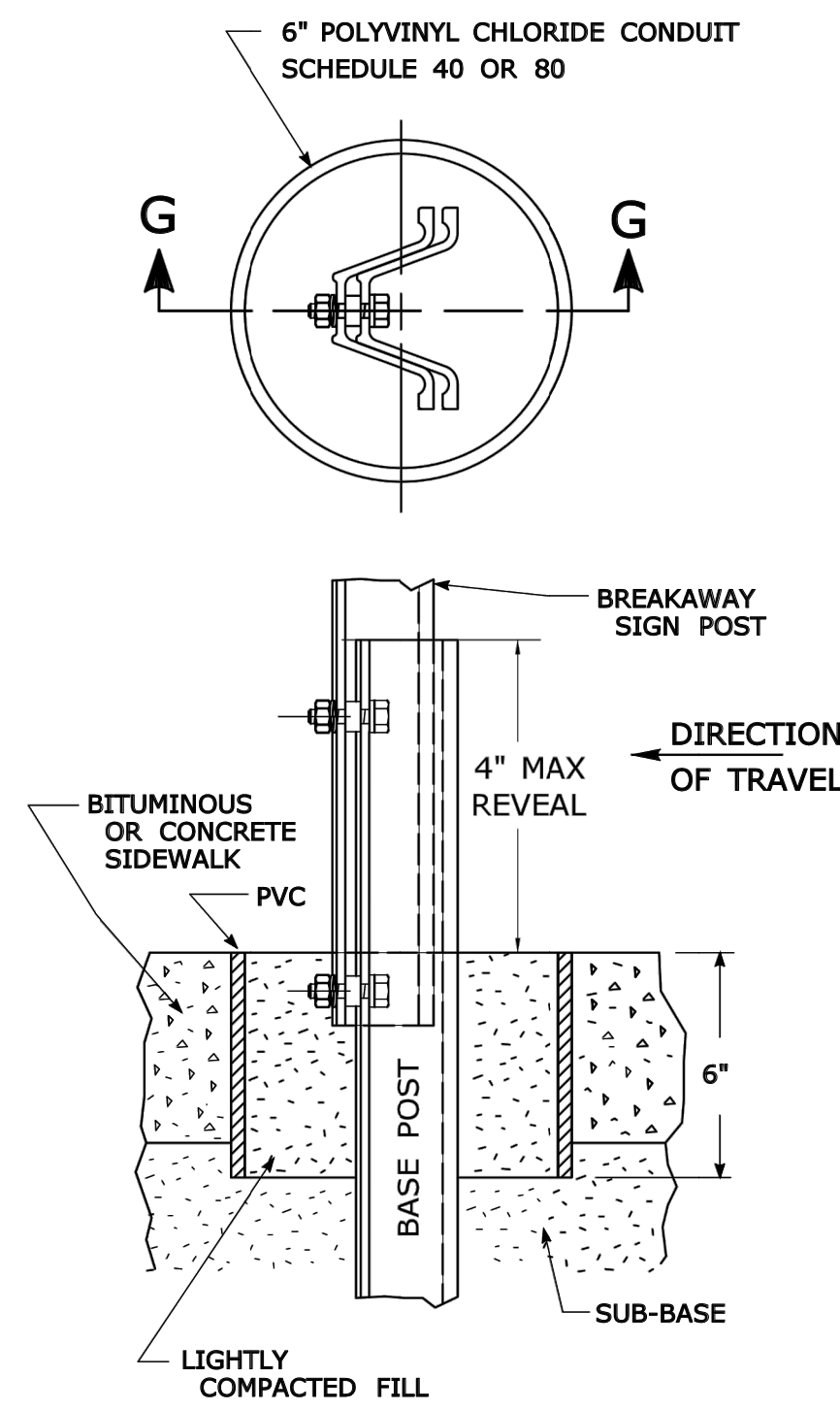


TYPICAL SIGN POST INSTALLATION IN LEDGE

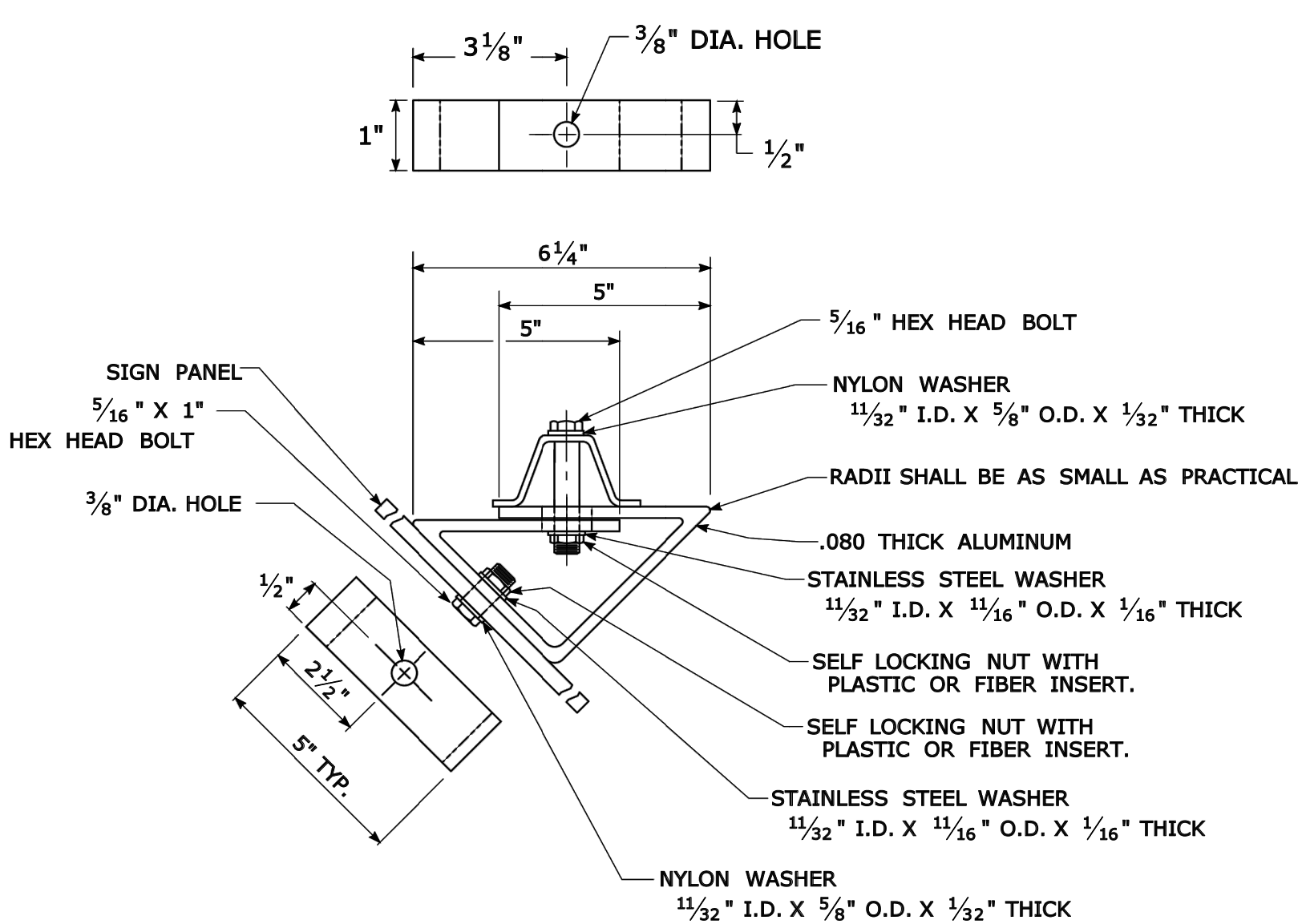
LEDGE SHALL BE REMOVED TO DRIVE THE BASE POST TO A DEPTH OF 38".
HOLE SHALL BE FILLED WITH SUB-BASE MATERIAL AND COMPACTED WITH A TAMPING BAR, OR TECHNIQUE APPROVED BY THE ENGINEER, PRIOR TO BASE POST INSTALLATION.



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: 2017.06.07 07:30:30-04'00'
NAME/DATE/TIME: 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