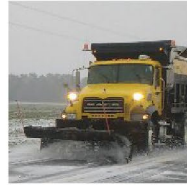


**NORTH CAROLINA**  
Department of Transportation



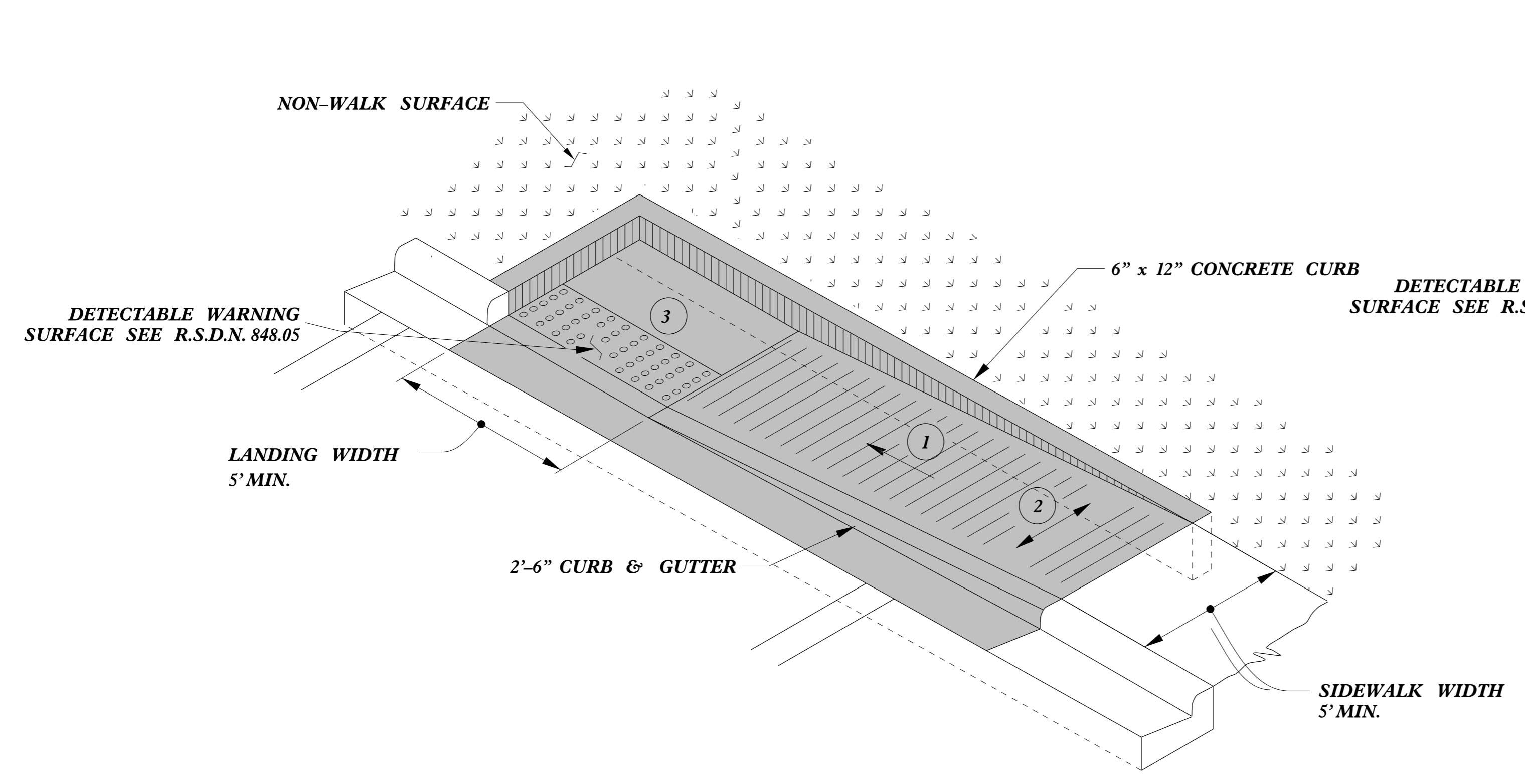
# R-5782MD Side Walk Ramps Project

Casey Whitley, PE, PLS

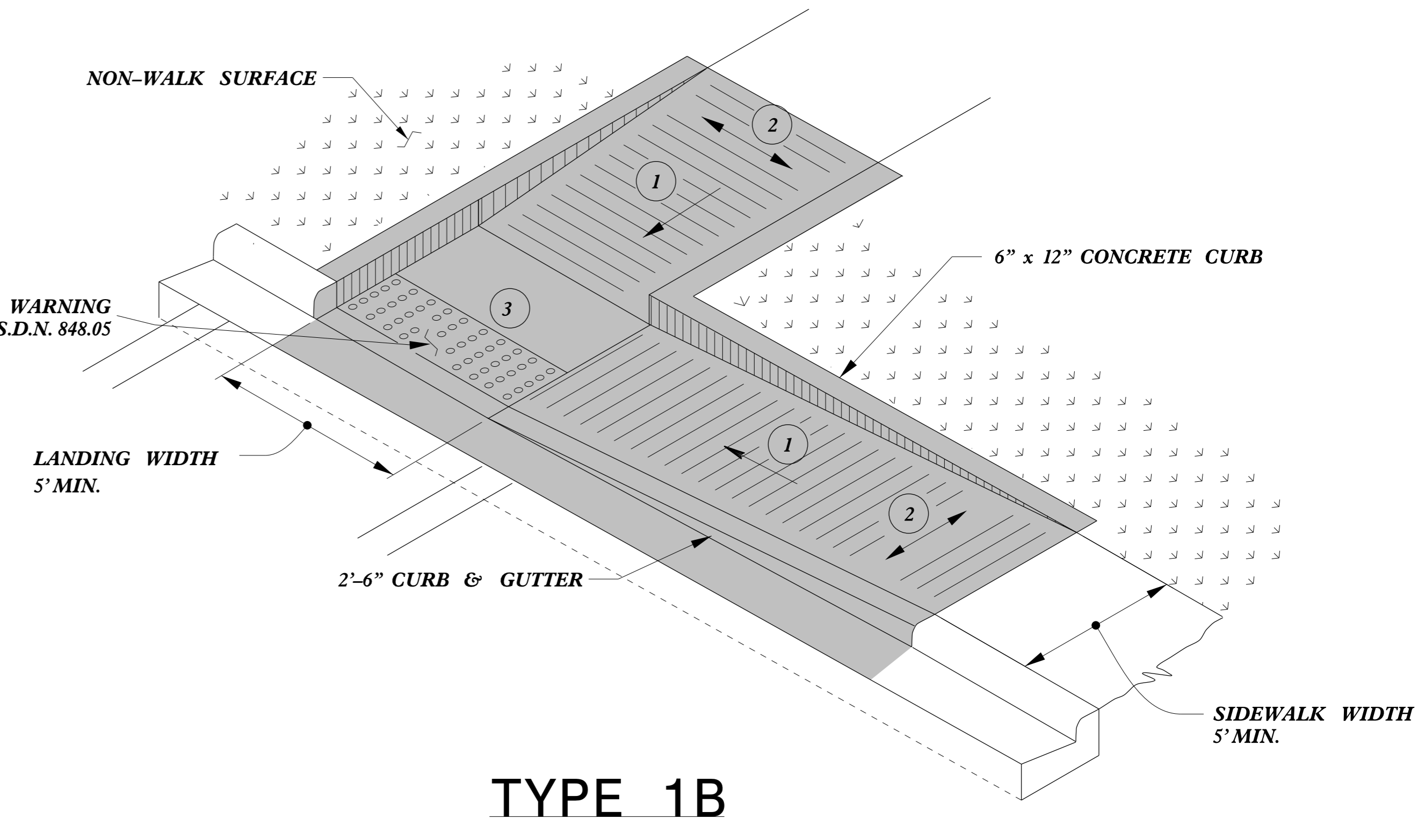
2023

Town of Bethel

5/14/99



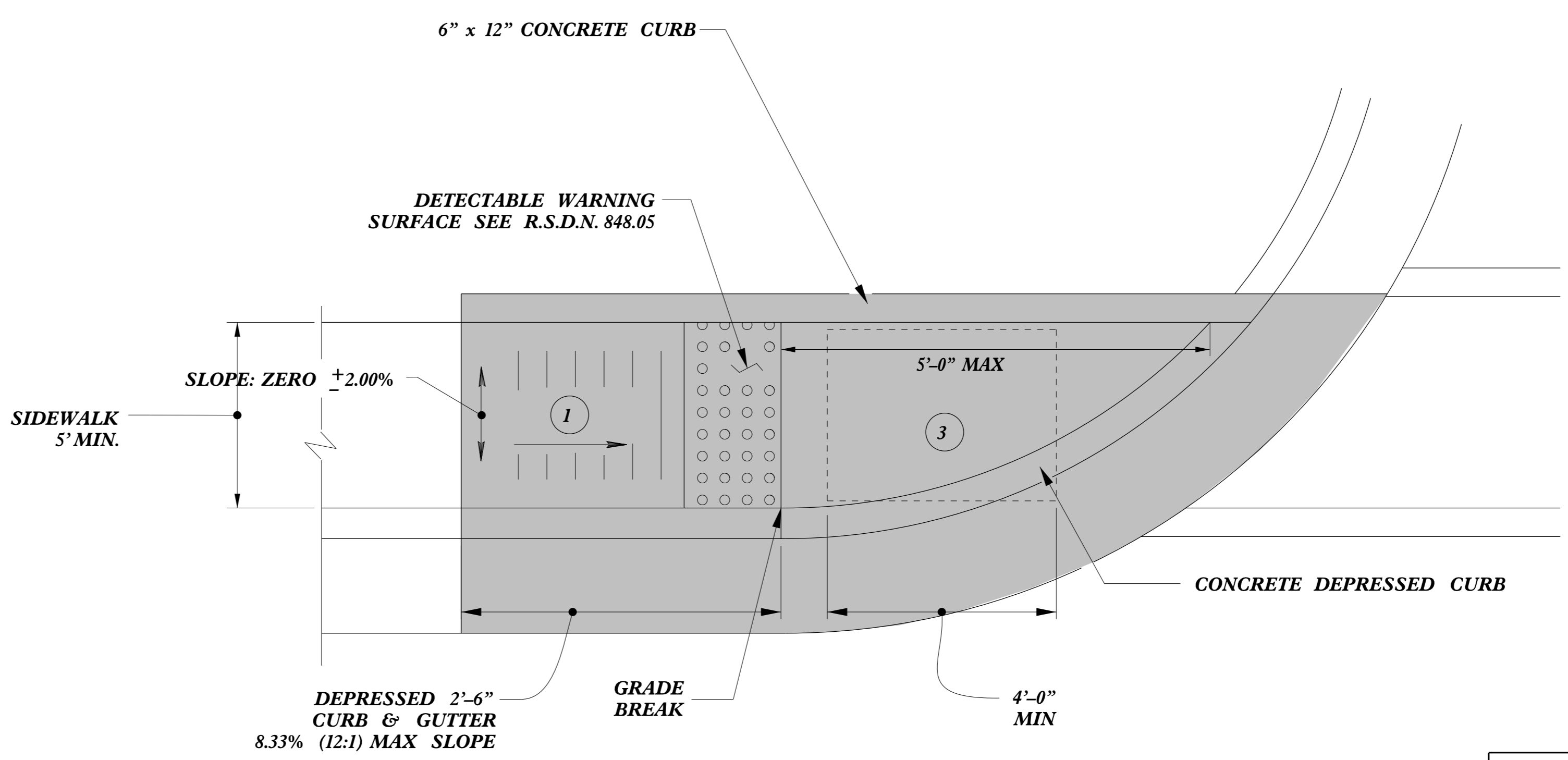
**TYPE 1A**



**TYPE 1B**

**PAY LIMITS FOR 1 CURB RAMP**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



**TYPE 1**

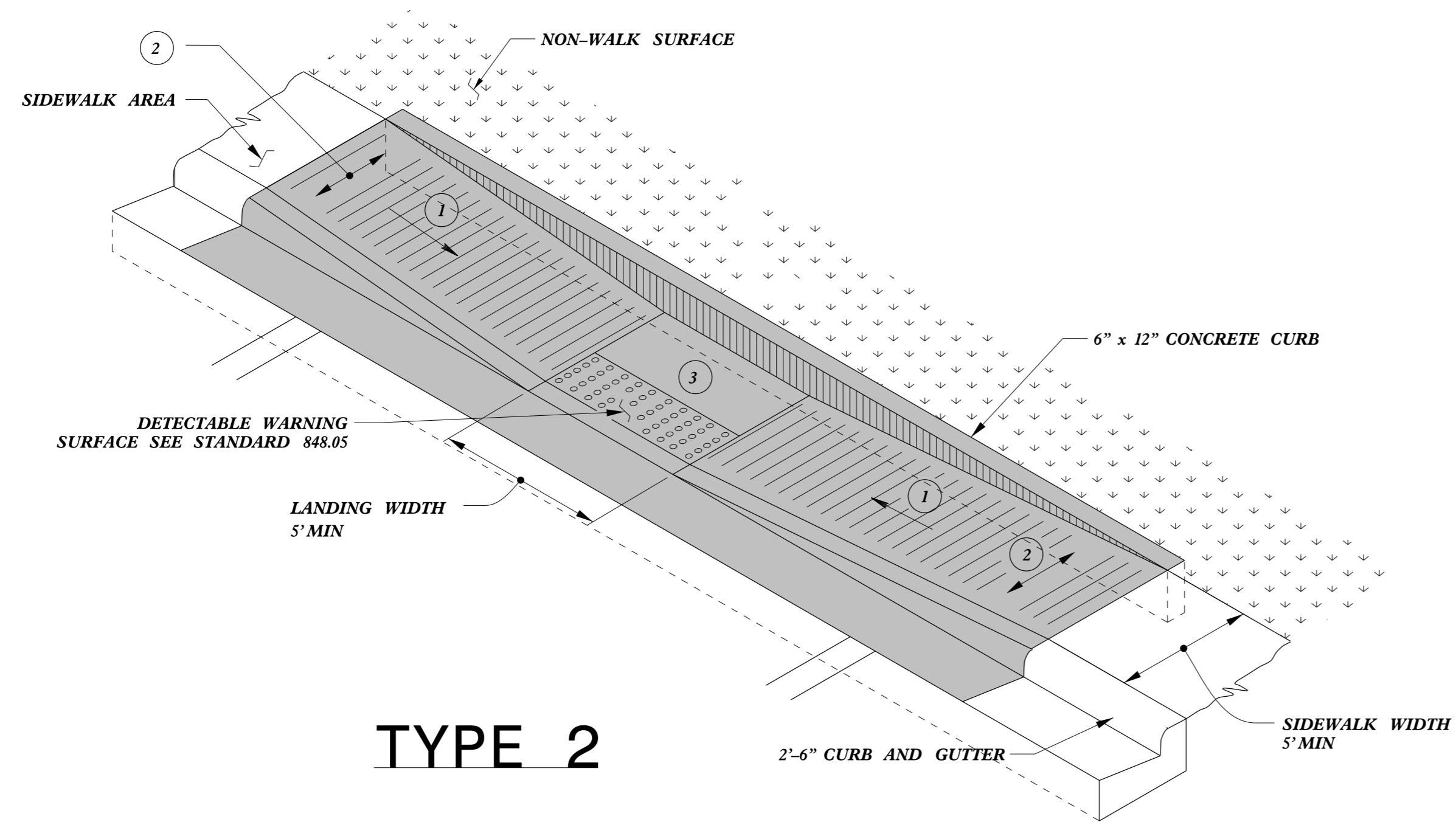


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Directional Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

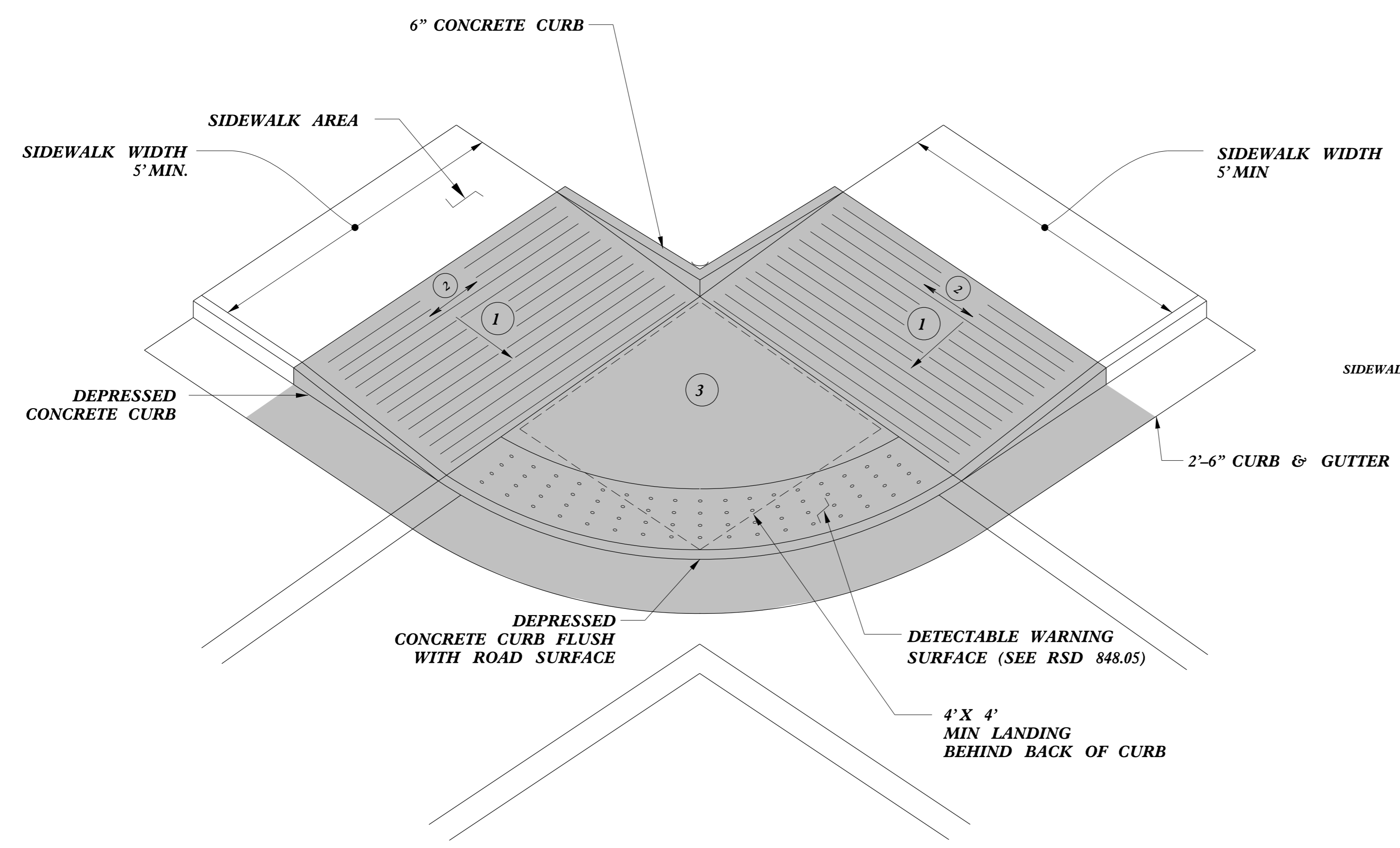
C:\P\2011\110511\110511.dwg  
 USER: J.S. HOWERTON  
 DATE: 7/7/11 10:58:11 AM  
 PLOT: 7/7/11 10:58:11 AM  
 PLOTTER: HP DesignJet T1100



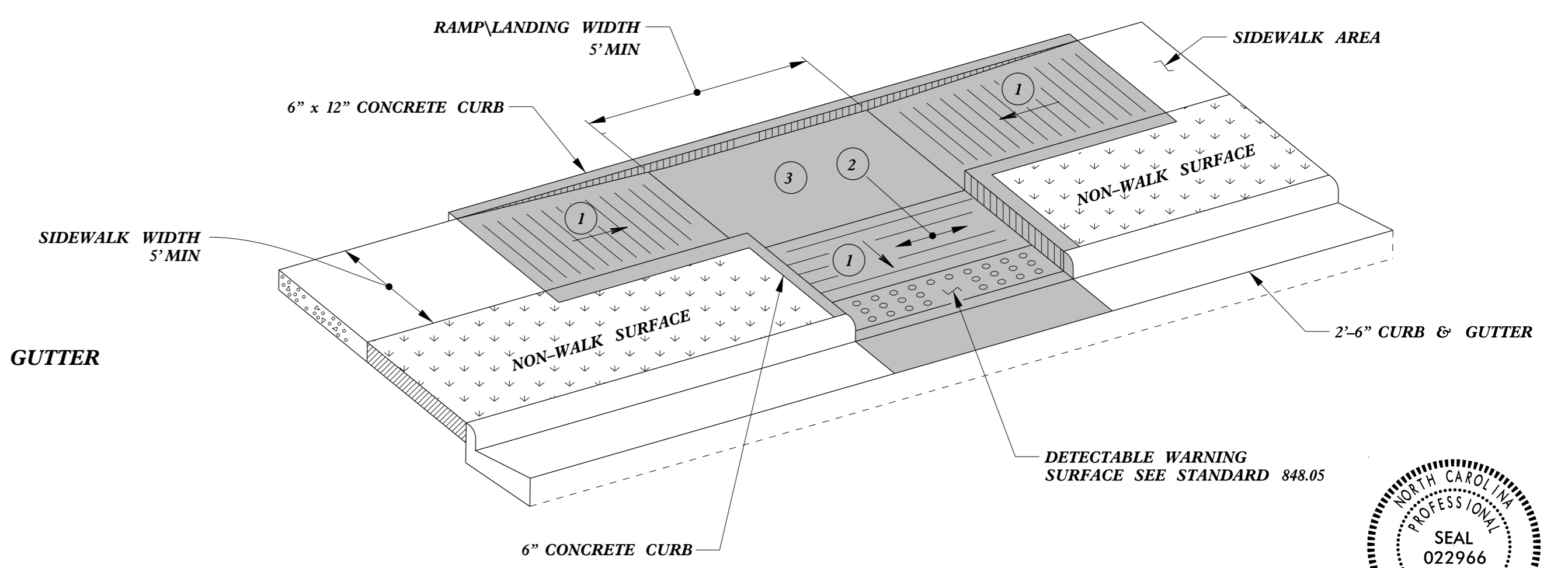
**TYPE 2**

**PAY LIMITS FOR 1 CURB RAMP**

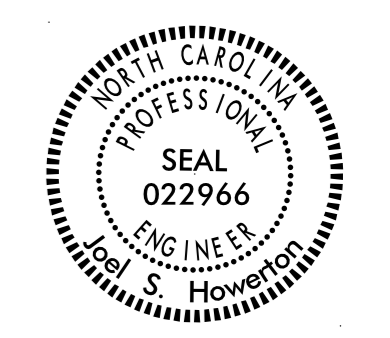
- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



**TYPE 2A**



**TYPE 3**

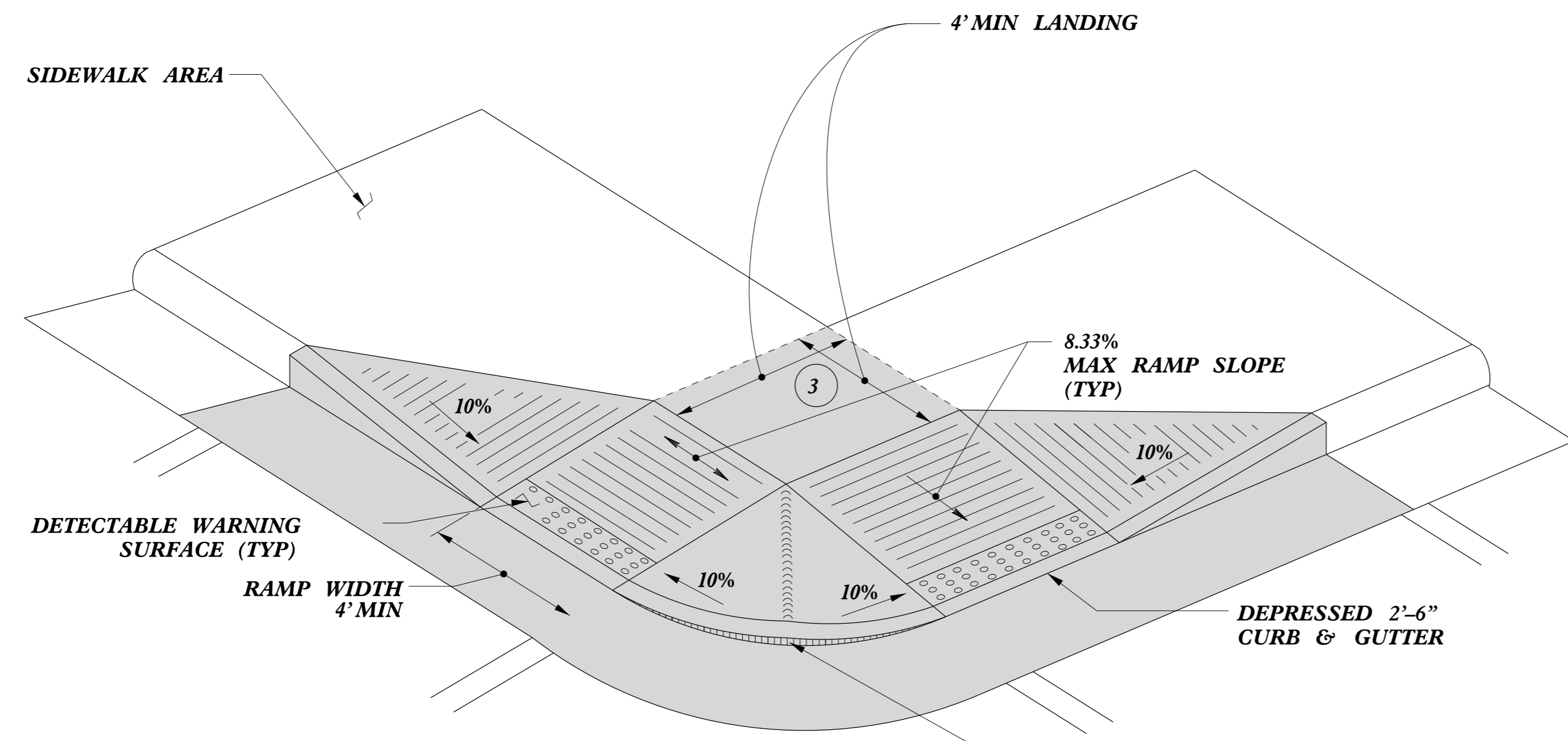


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

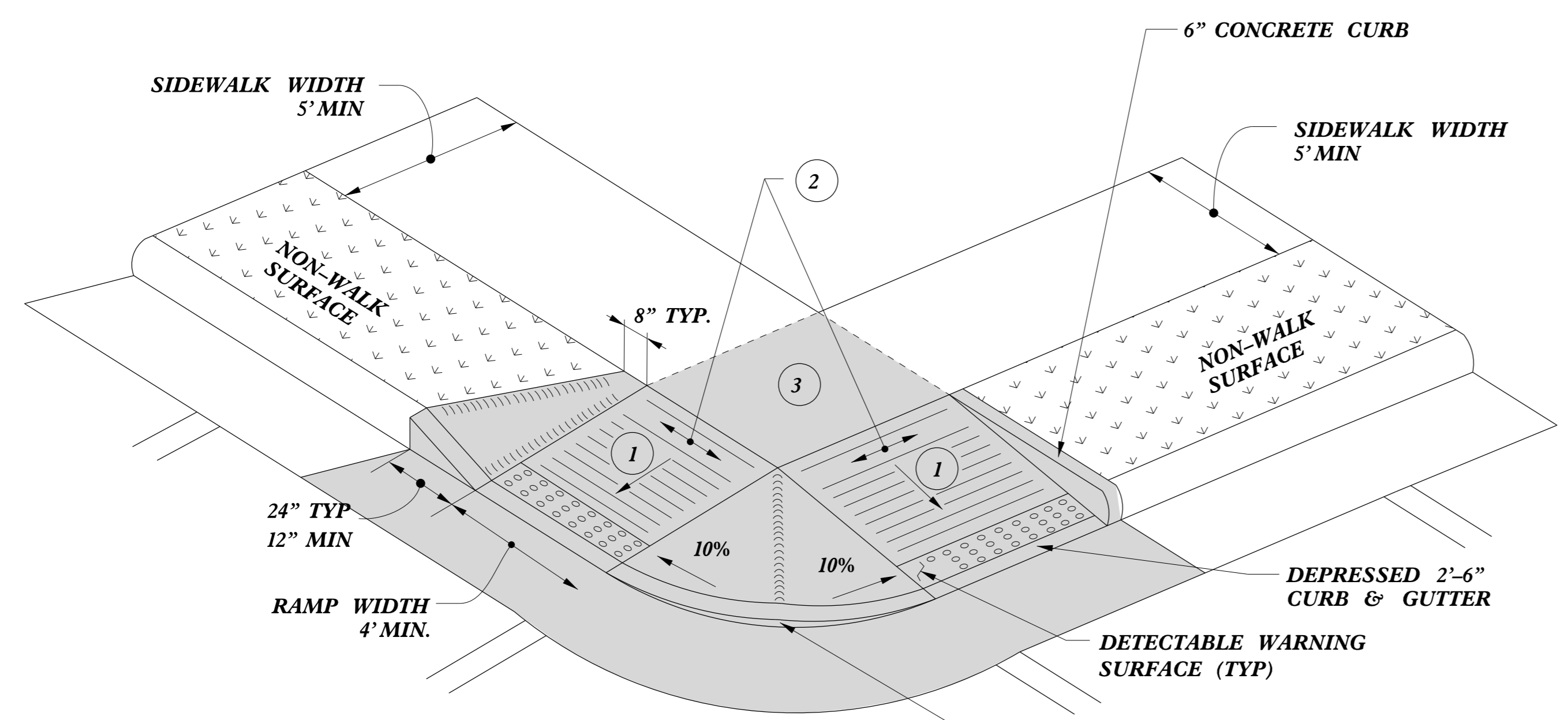
<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC. :stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

5/14/99  
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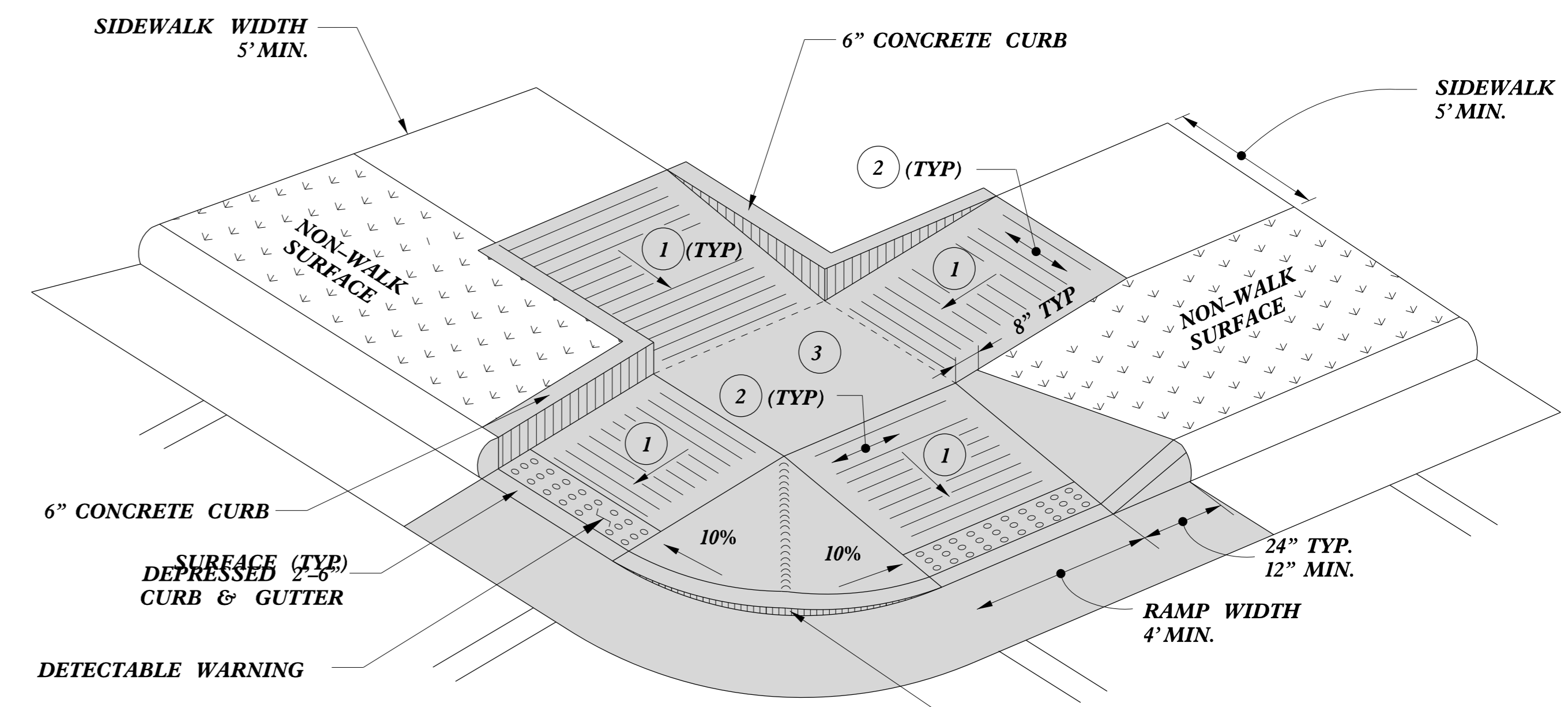


**TYPE 4**



**TYPE 4A**

PAY LIMITS FOR 2 CURB RAMPS



**TYPE 5**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Shared Landing	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

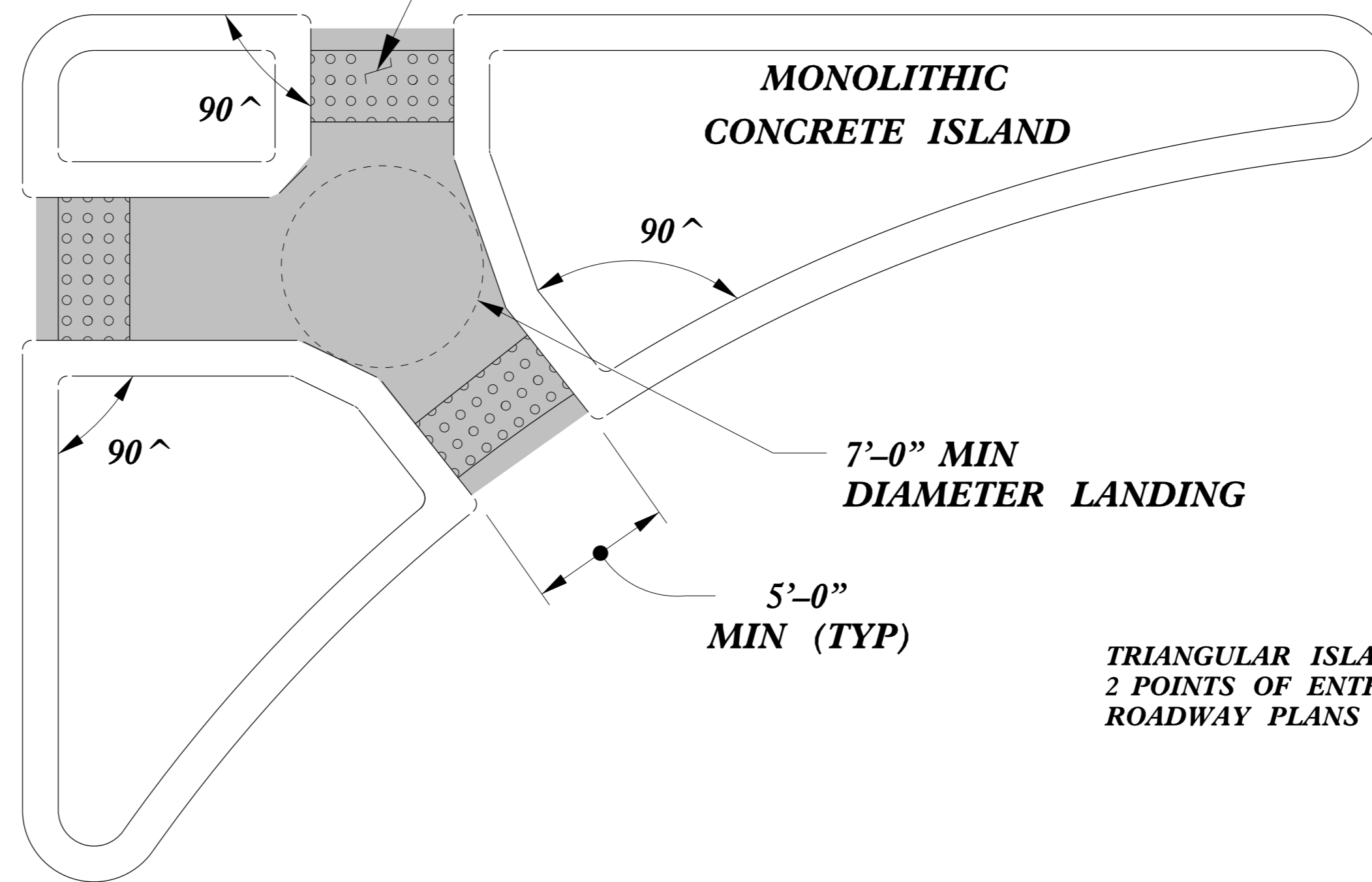
5/14/99  
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5/14/99

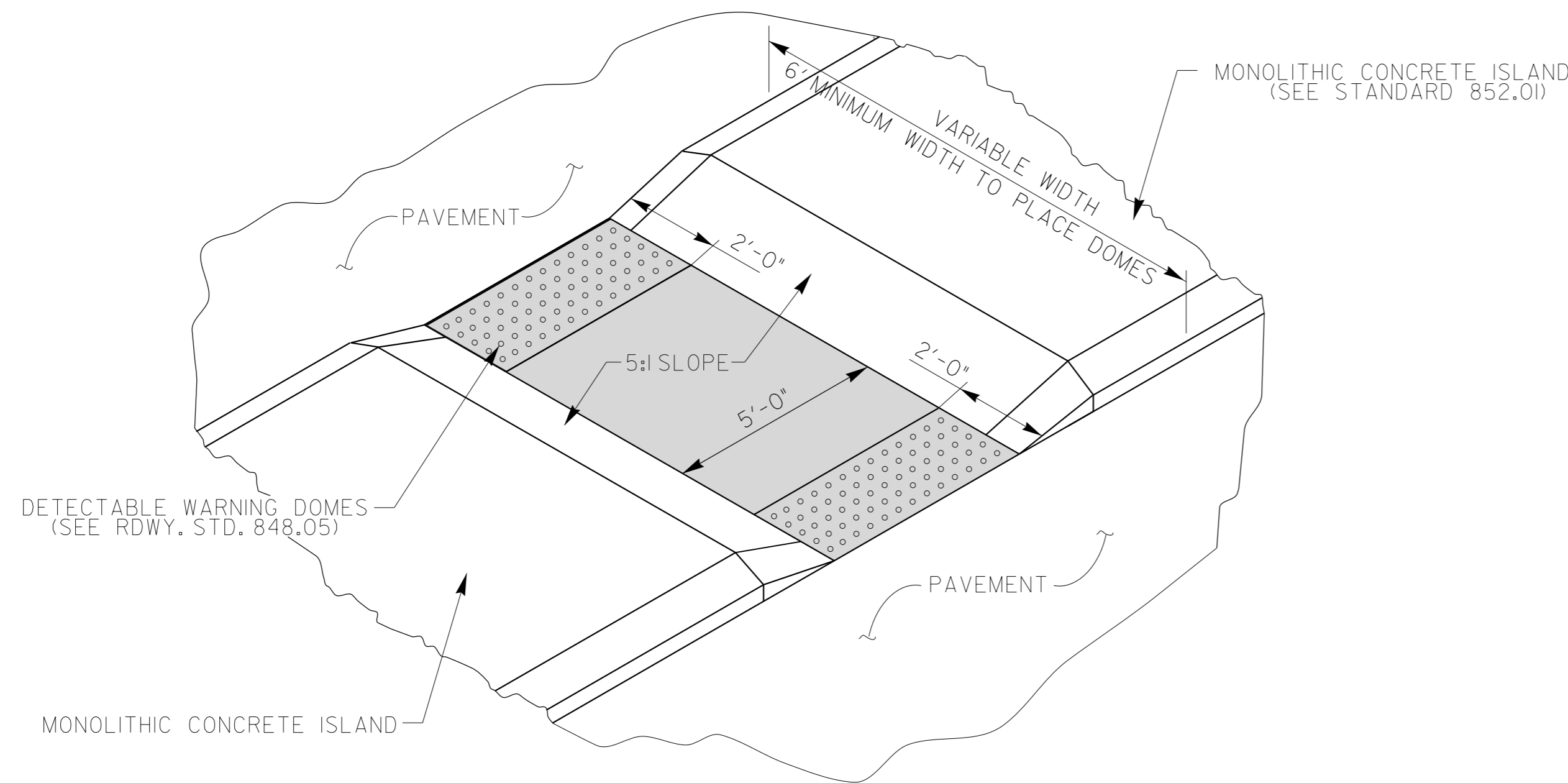
**DETECTABLE WARNING SURFACE (TYP)**

PAY LIMITS FOR 2 OR 3 CURB RAMPS (CALCULATE BASED ON NUMBER OF SETS OF TRUNCATED DOMES)

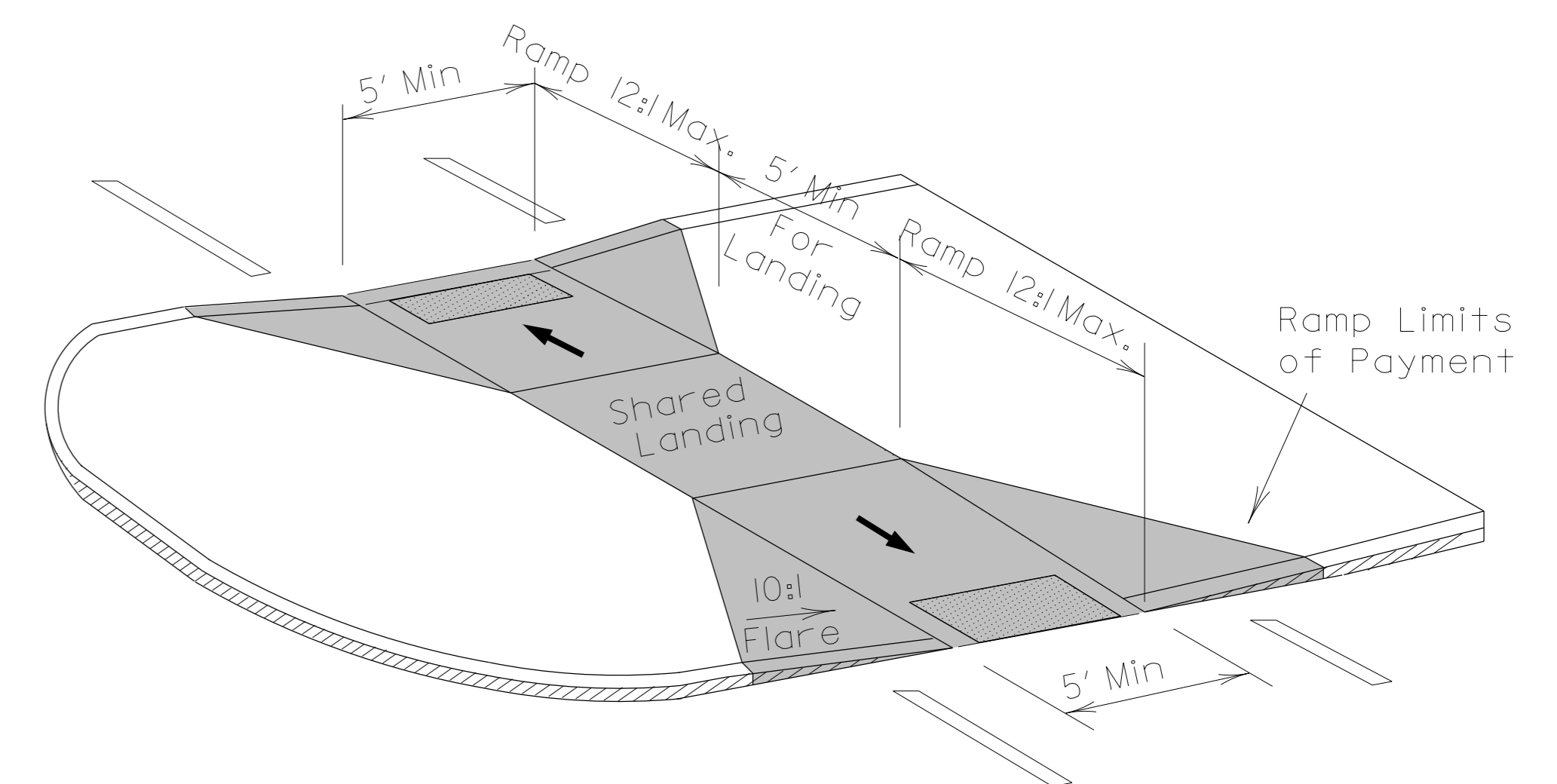


TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY 2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

**TRIANGULAR ISLAND WITH CUT THROUGH**



**MEDIAN ISLAND WITH CUT THROUGH**



**MEDIAN ISLAND CURB RAMPS**

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**CURB RAMPS**

Median or Turn Lane Islands

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
MODIFIED BY: DATE:  
CHECKED BY: DATE:  
FILE SPEC.: stds/2012CurbRamp/CurbRampDetails.dgn



\$\$\$\$\$C:\TIME\$\$\$\$\$  
\$\$\$\$\$CON\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$



<b>A</b>	<b>Standard Wheelchair Ramp</b> 848.06	<b>(A)</b>
<b>B</b>	Detectable Warning Domes Only	<b>(B)</b>
<b>C</b>	Type 1	<b>(C)</b>
<b>D</b>	Type 1A	<b>(D)</b>
<b>E</b>	Type 1B	<b>(E)</b>
<b>F</b>	Type 2	<b>(F)</b>
<b>G</b>	Type 2A	<b>(G)</b>
<b>H</b>	Type 3	<b>(H)</b>
<b>I</b>	Type 4	<b>(I)</b>
<b>J</b>	Type 4A	<b>(J)</b>
<b>K</b>	Type 5	<b>(K)</b>
<b>L</b>	Median Island curb ramps	<b>(L)</b>
<b>M</b>	Median island with Cut through	<b>(M)</b>
<b>N</b>	Triangular island with Cut through	<b>(N)</b>
<b>O</b>	Special Detail A	<b>(O)</b>
<b>P</b>	Special Detail B	<b>(P)</b>





A	Standard Wheelchair Ramp 848.06	(A)
B	Detectable Warning Domes Only	(B)
C	Type 1	(C)
D	Type 1A	(D)
E	Type 1B	(E)
F	Type 2	(F)
G	Type 2A	(G)
H	Type 3	(H)
I	Type 4	(I)
J	Type 4A	(J)
K	Type 5	(K)
L	Median Island curb ramps	(L)
M	Median island with Cut through	(M)
N	Triangular island with Cut through	(N)
O	Special Detail A	(O)
P	Special Detail B	(P)





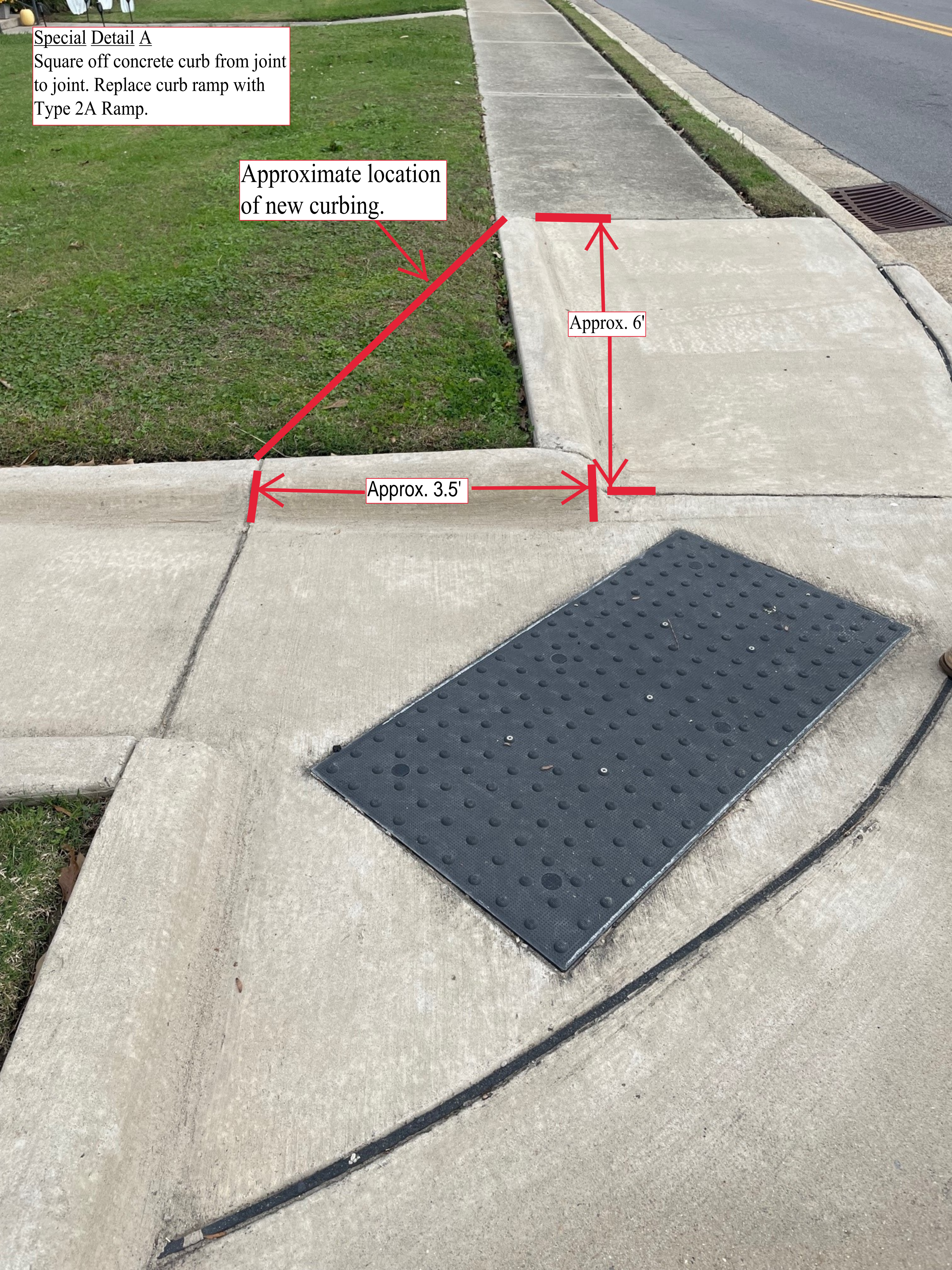
Special Detail A

Square off concrete curb from joint to joint. Replace curb ramp with Type 2A Ramp.

Approximate location of new curbing.

Approx. 6'

Approx. 3.5'





**Special Detail B**

Extend sidewalk to the face of the utility box. Tie in curb to extended sidewalk while making ADA compliant. Replace sidewalk ramp with a Type 1 ramp.

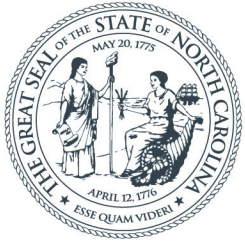


4.5'

18"

4'





## NORTH CAROLINA

Department of Transportation



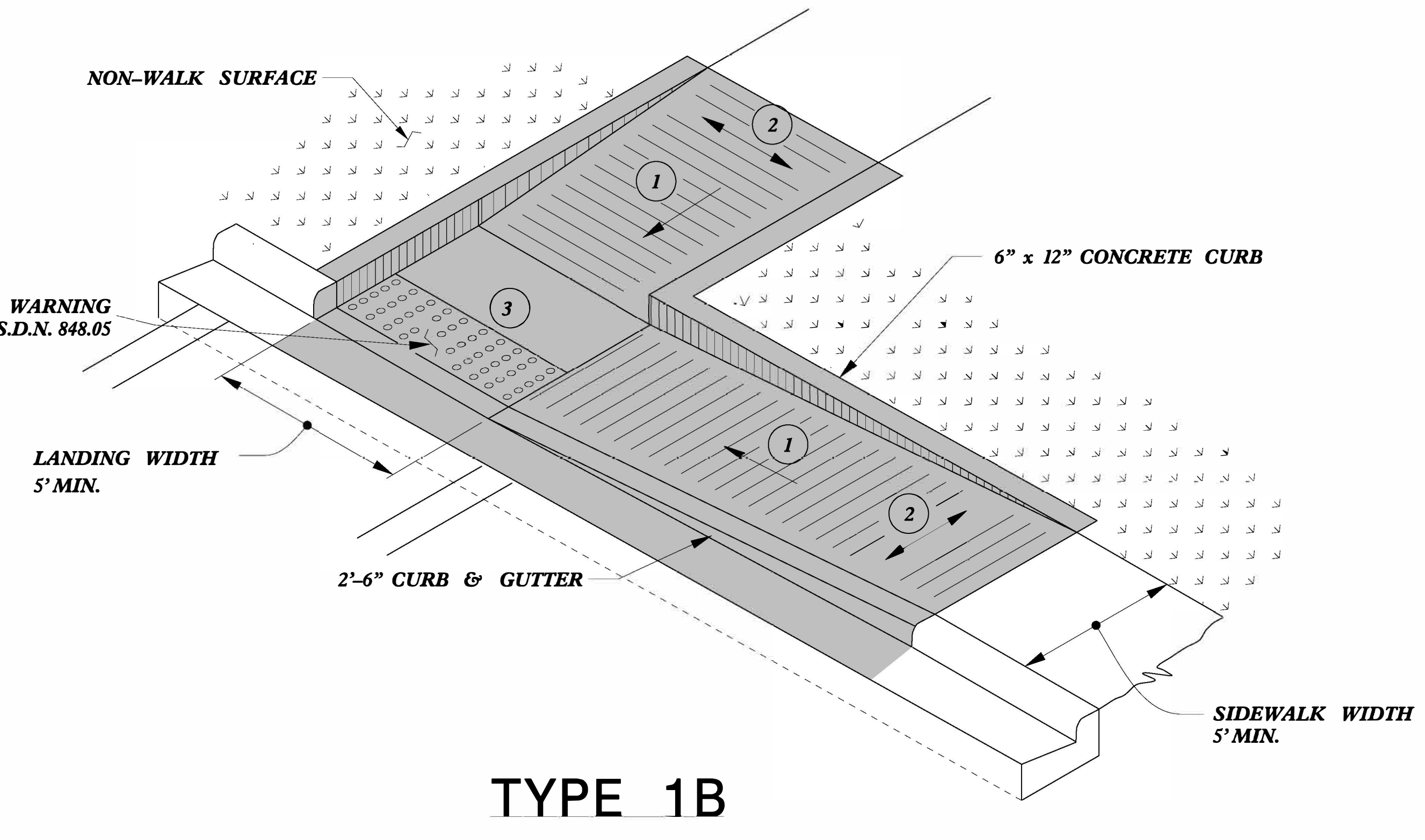
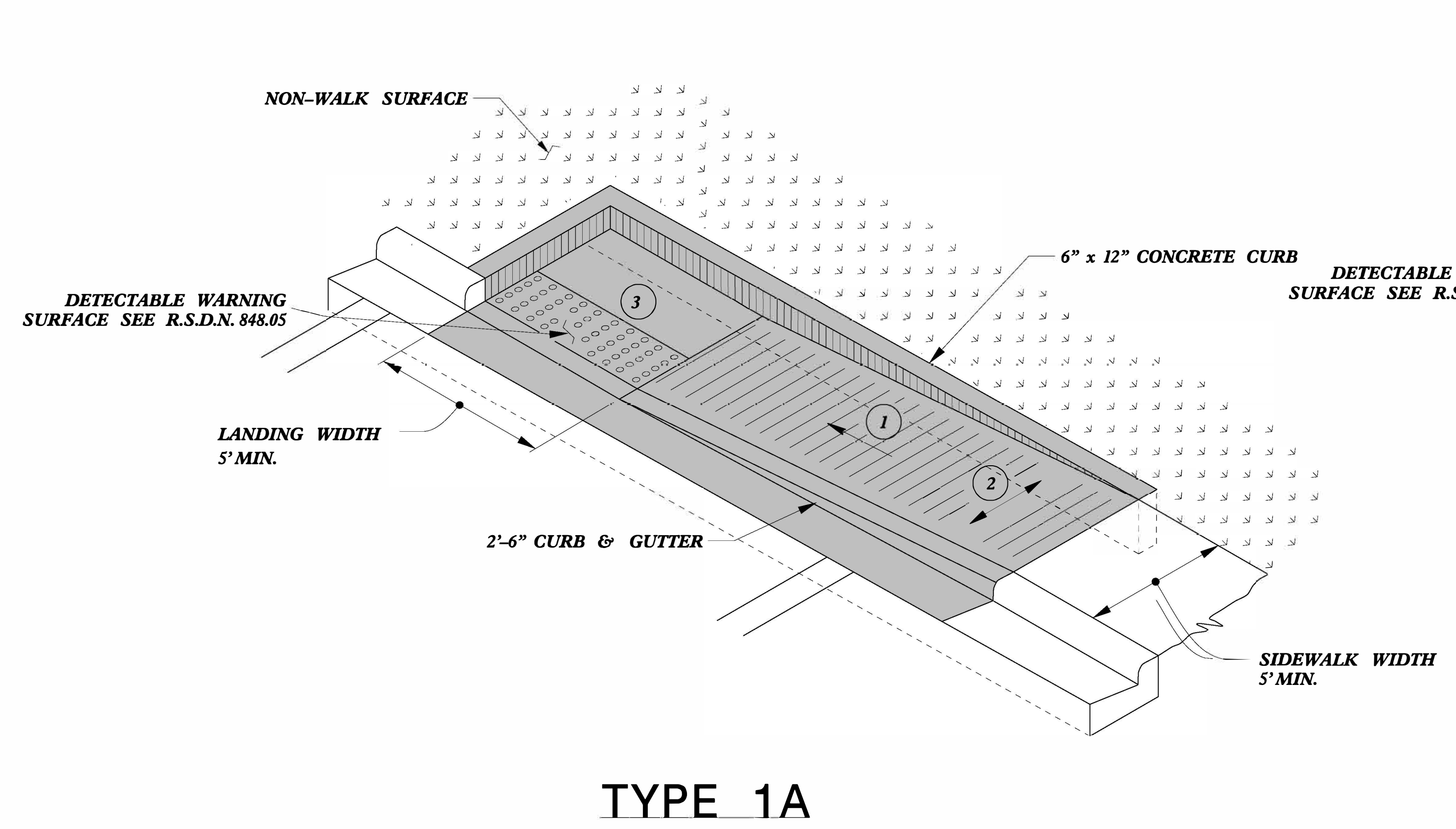
# R-5782MD Side Walk Ramps Project

Casey Whitley, PE, PLS

2023

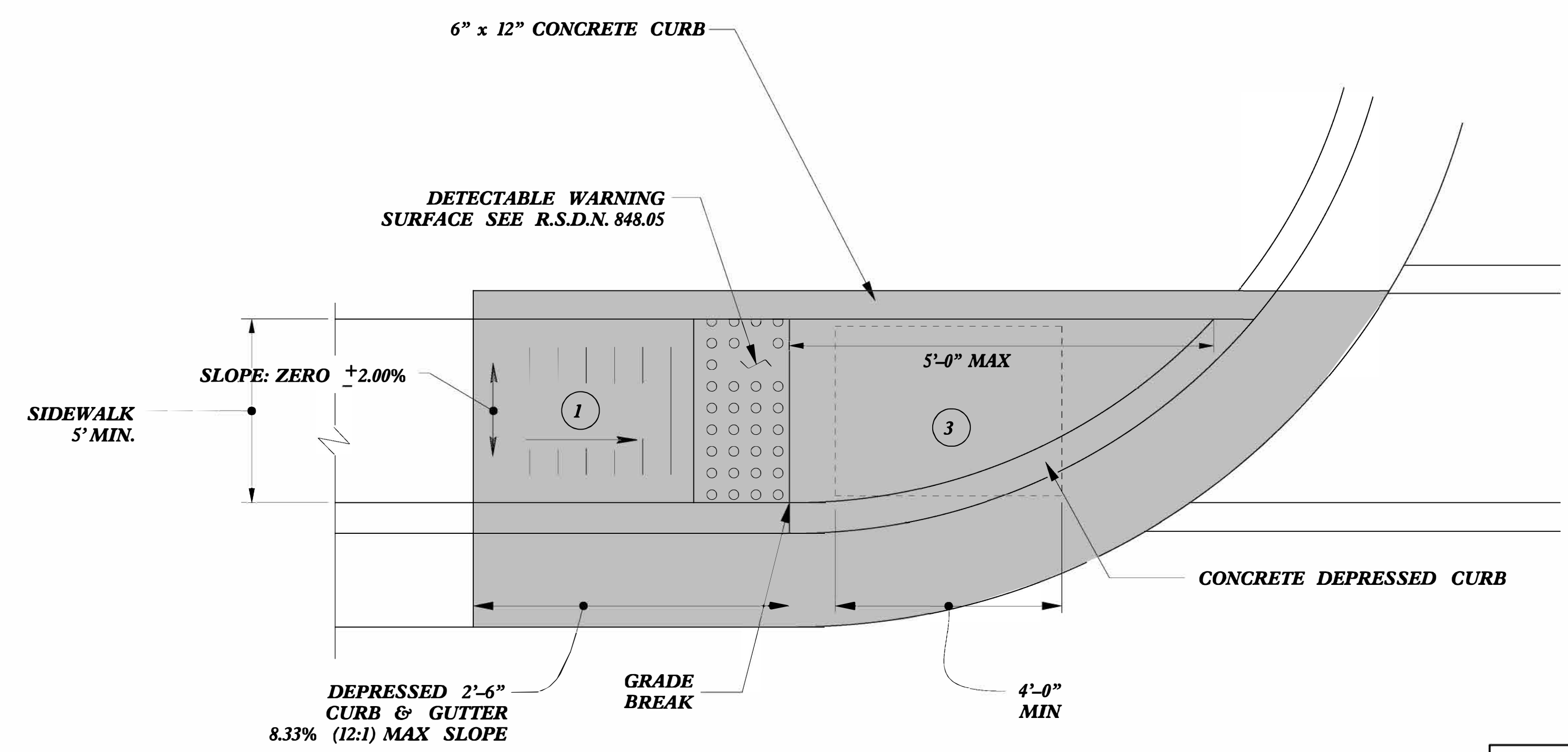
Town of Fountain

5/14/99



**PAY LIMITS FOR 1 CURB RAMP**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

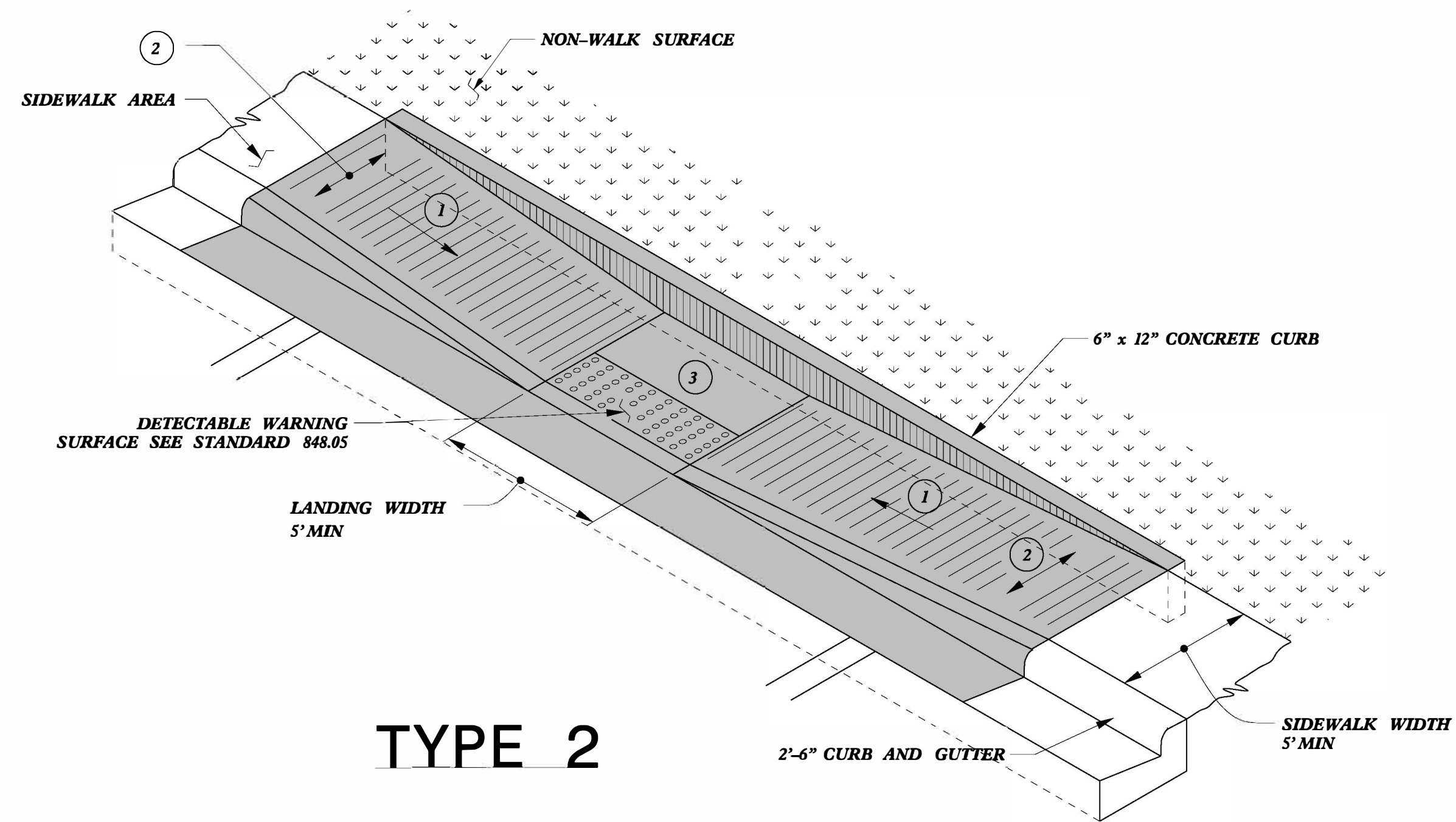


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Directional Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC. stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

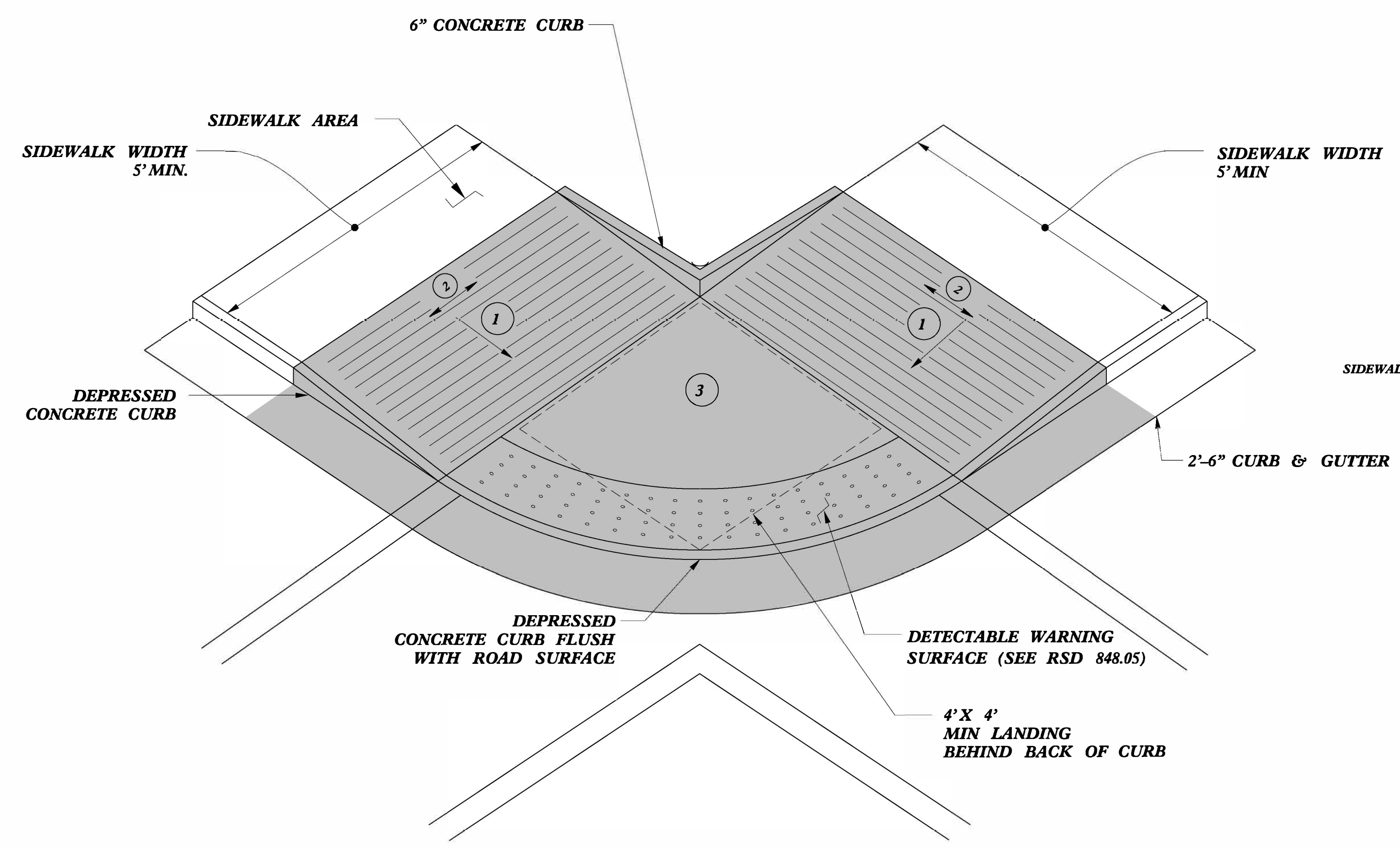
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 DATE: 7/7/11  
 TIME: 10:00 AM



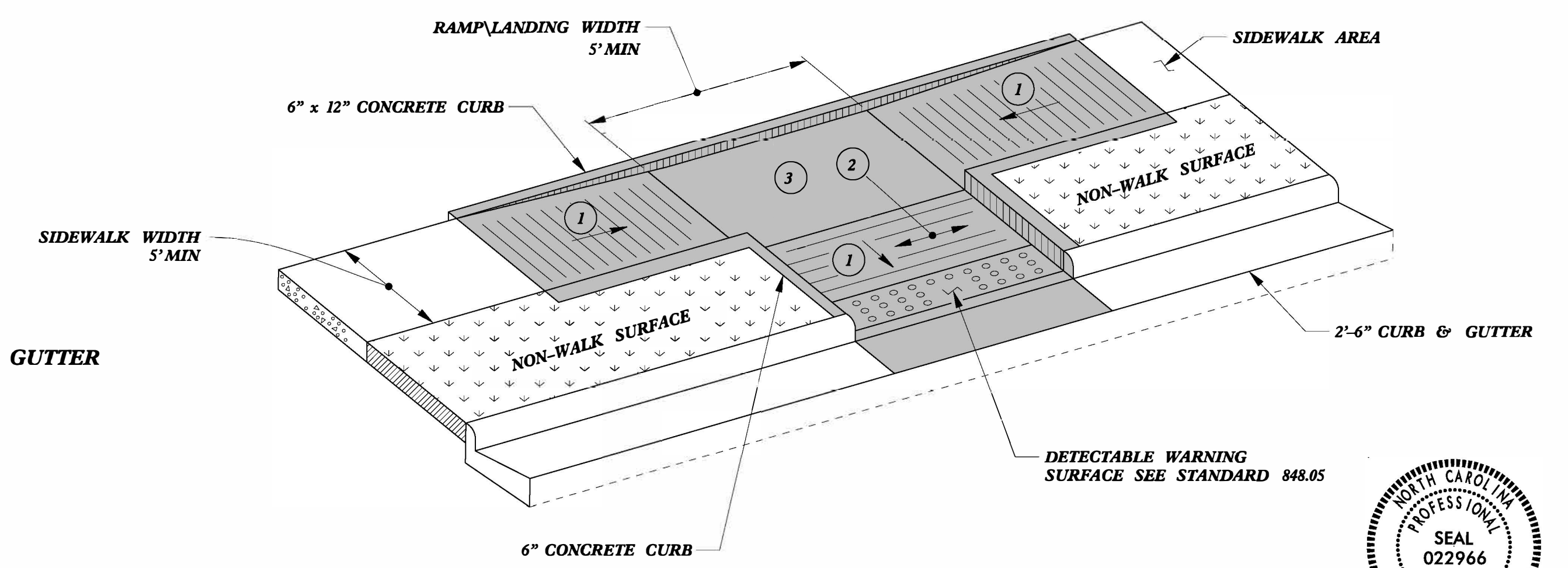
**TYPE 2**

**PAY LIMITS FOR 1 CURB RAMP**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



**TYPE 2A**



**TYPE 3**



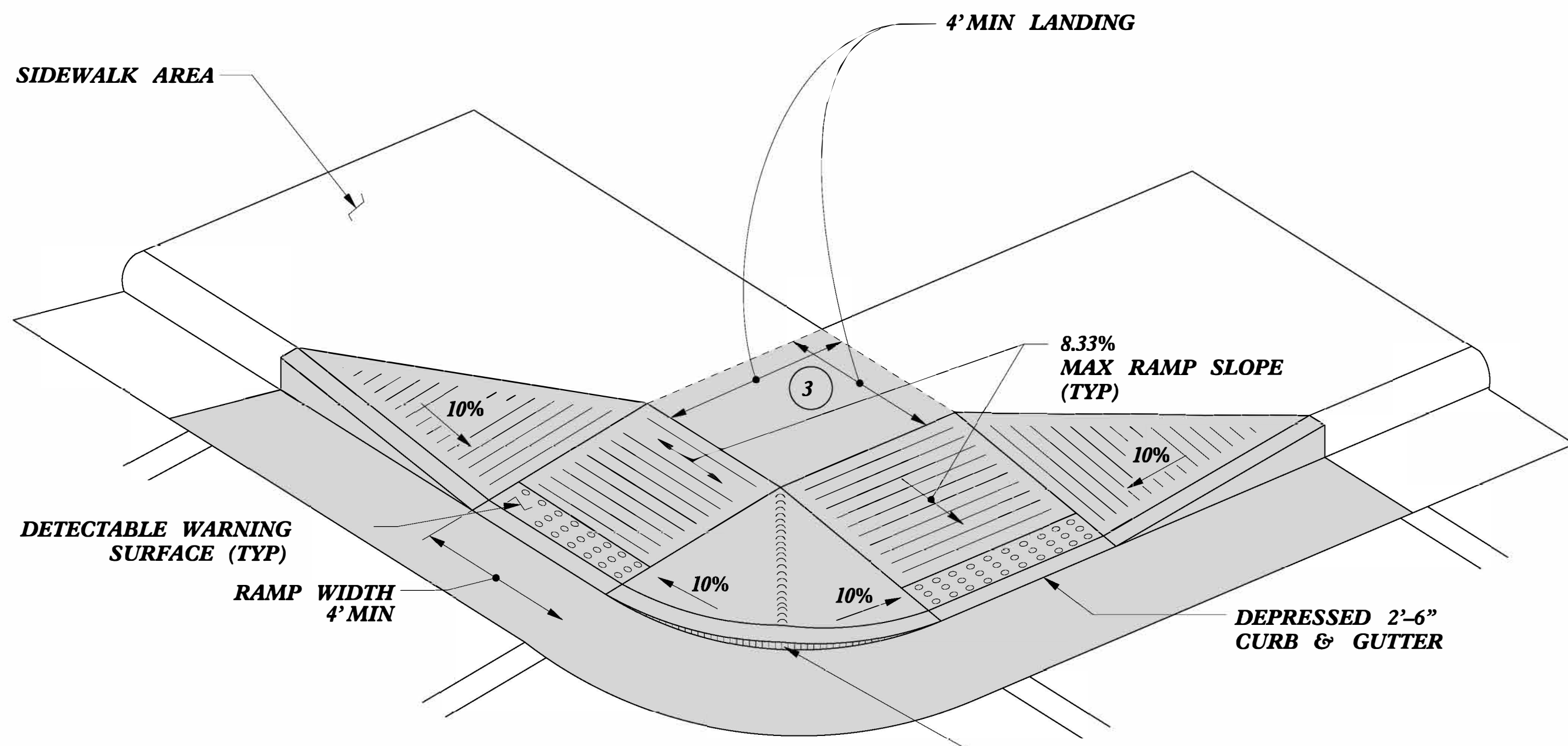
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950 FAX 919-250-4119	
<b>CURB RAMPS</b>	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

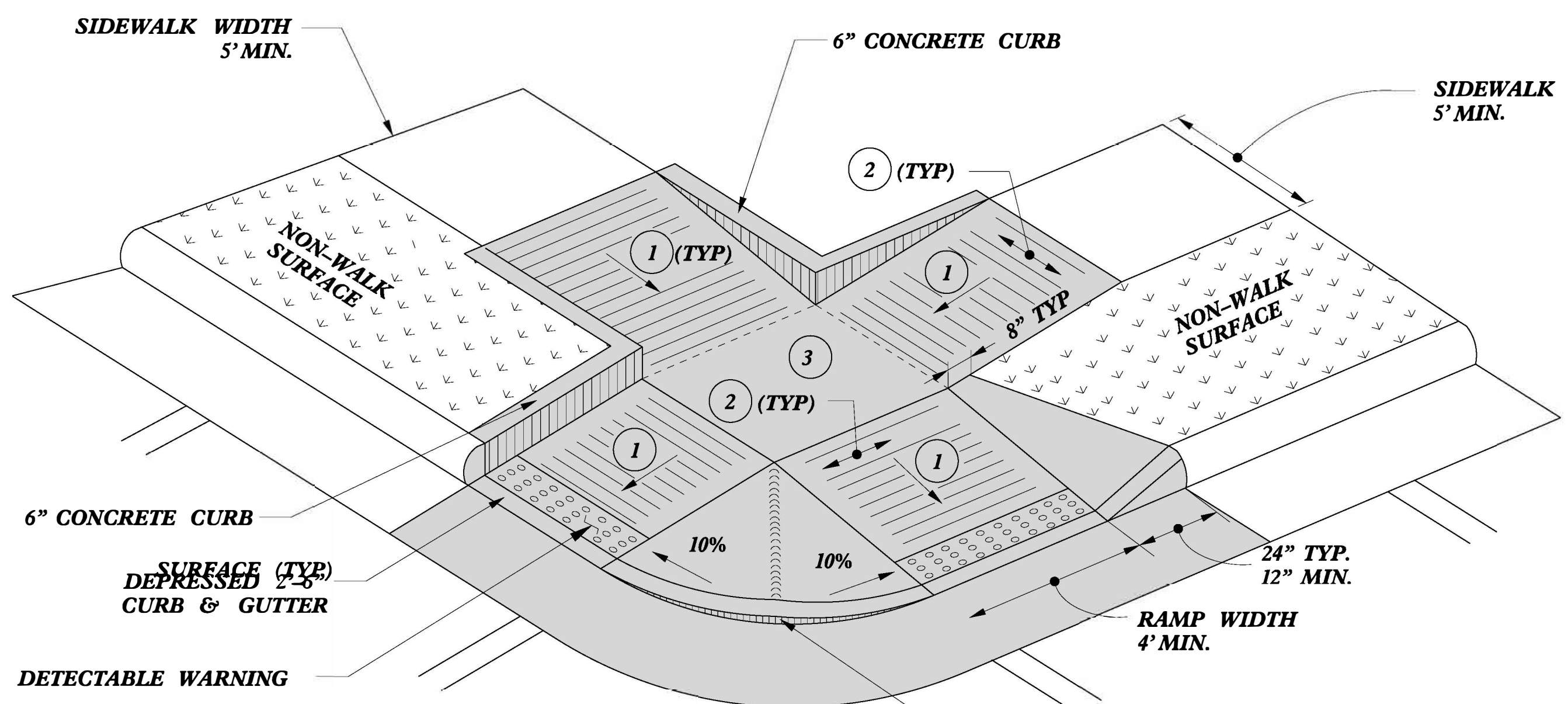
5/14/99  
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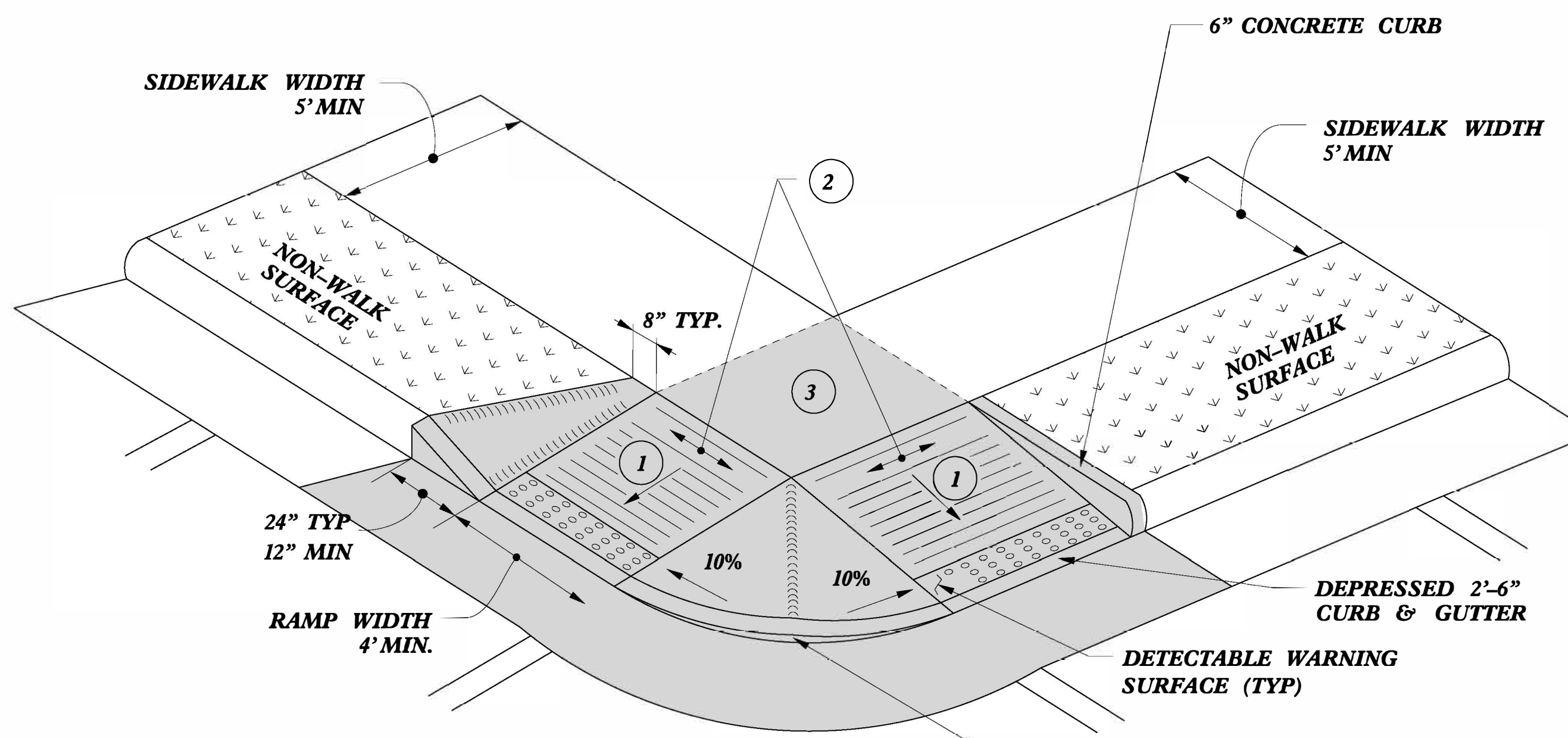


TYPE 4

PAY LIMITS FOR 2 CURB RAMPS



TYPE 5



TYPE 4A

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

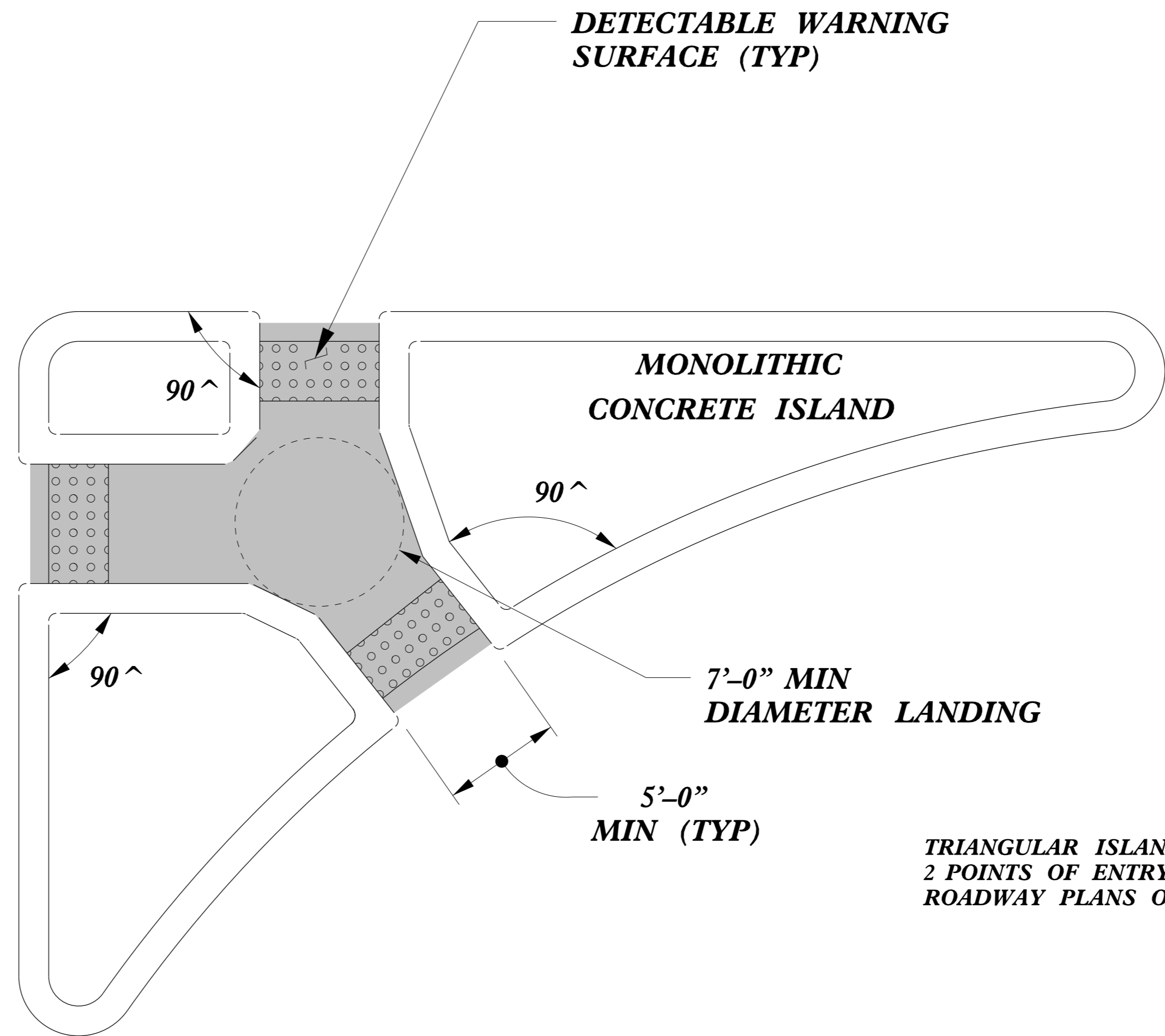
CONTRACT STANDARDS AND DEVELOPMENT UNIT Office 919-707-6950 FAX 919-250-4119

### CURB RAMPS

Shared Landing

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
MODIFIED BY: DATE:  
CHECKED BY: DATE:  
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn

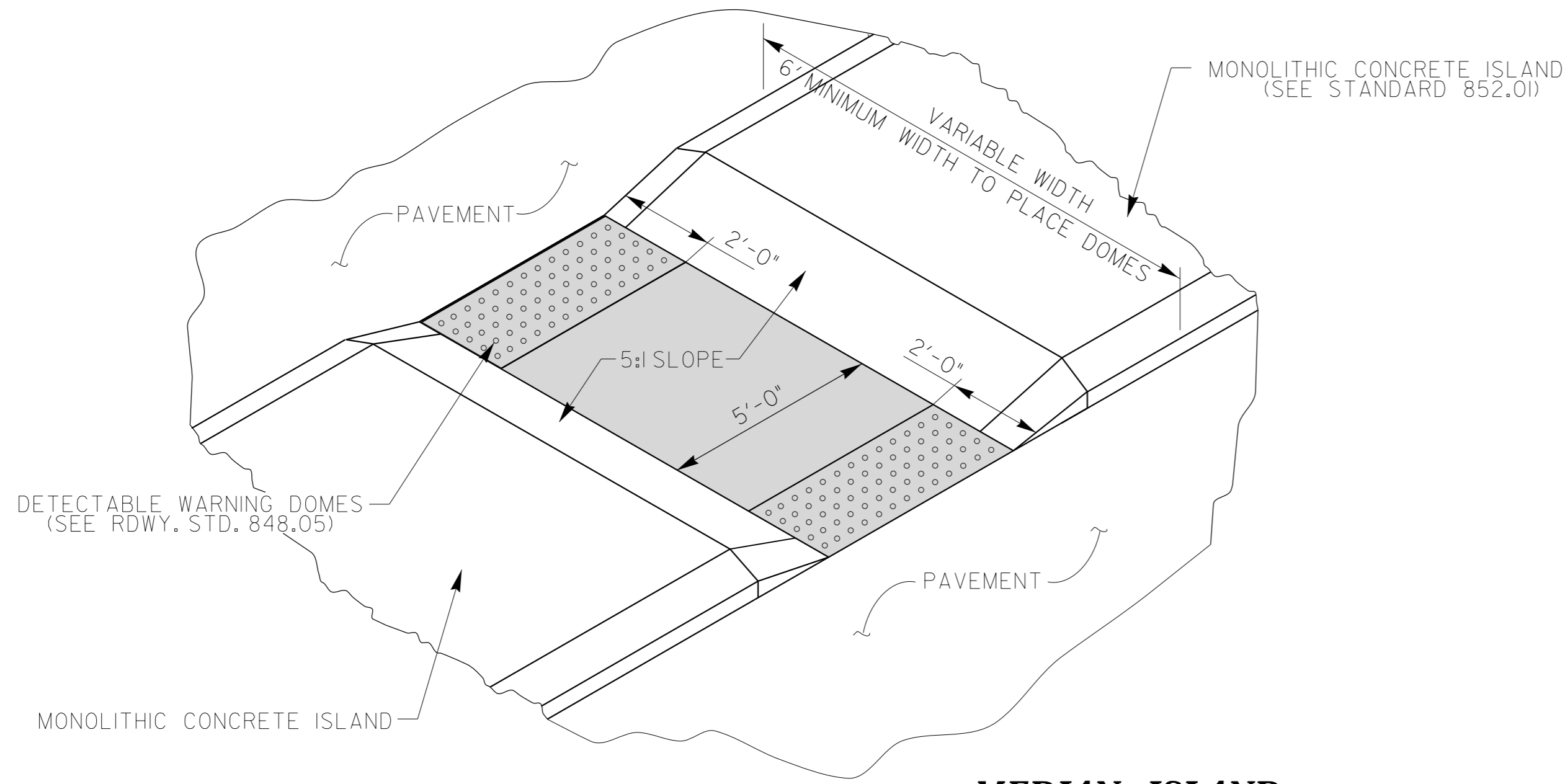
5/14/99  
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DATE: [unreadable]



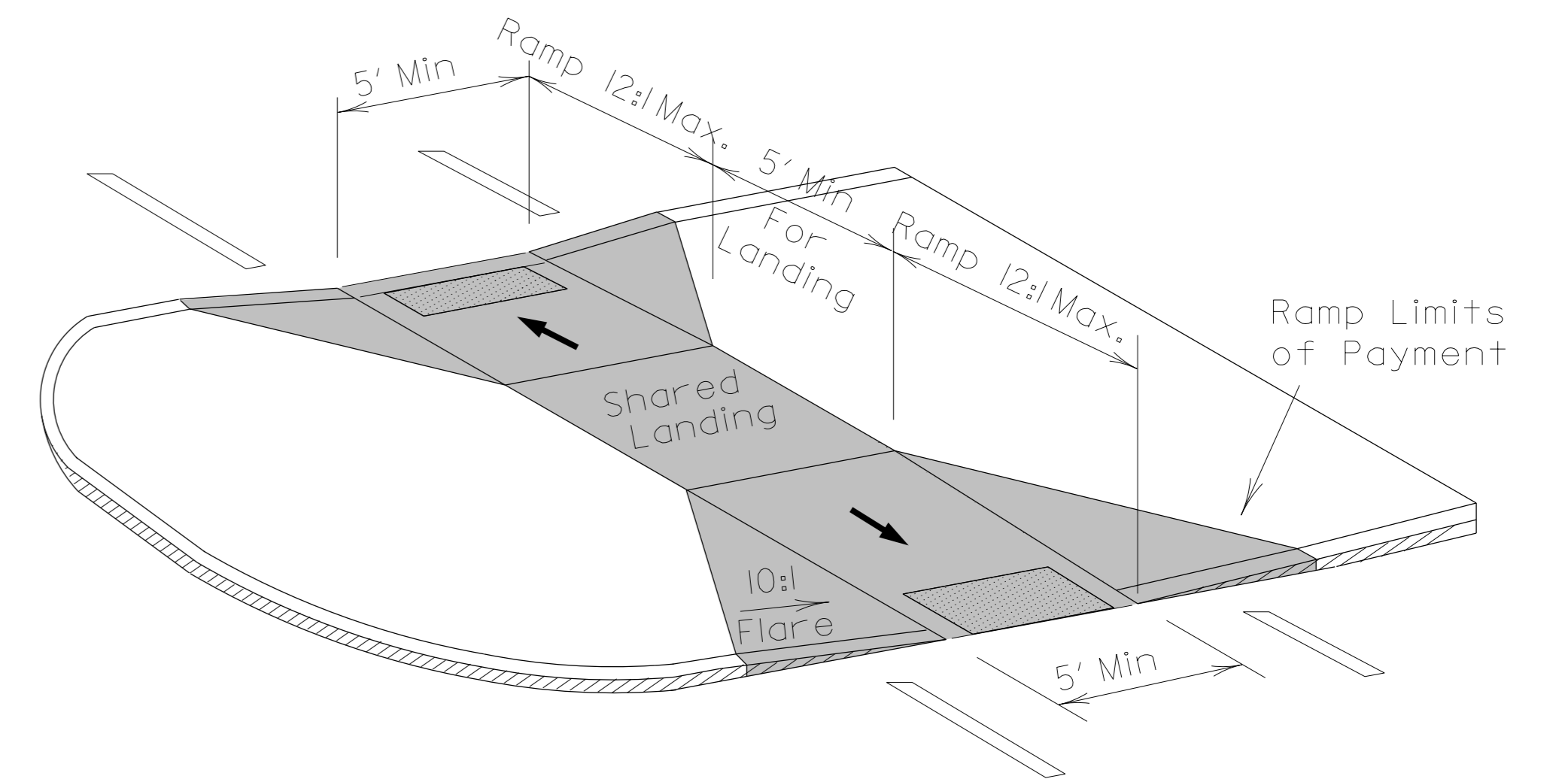
**PAY LIMITS FOR 2 OR 3 CURB RAMPS  
(CALCULATE BASED ON NUMBER OF  
SETS OF TRUNCATED DOMES)**

*TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY  
2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE  
ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.*

**TRIANGULAR ISLAND  
WITH CUT THROUGH**



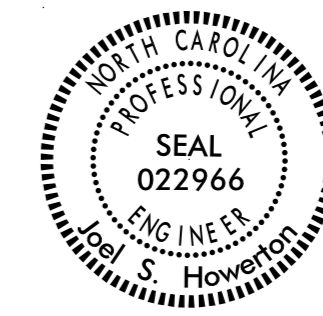
**MEDIAN ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
CURB RAMPS**

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950 FAX 919-250-4119	
<b>CURB RAMPS</b>	
Median or Turn Lane Islands	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC.: stds/2012CurRamp/CurbRampDetails.dgn	





<b>A</b>	<b>Standard Wheelchair Ramp 848.06</b>	<b>(A)</b>
<b>B</b>	Detectable Warning Domes Only	<b>(B)</b>
<b>C</b>	Type 1	<b>(C)</b>
<b>D</b>	Type 1A	<b>(D)</b>
<b>E</b>	Type 1B	<b>(E)</b>
<b>F</b>	Type 2	<b>(F)</b>
<b>G</b>	Type 2A	<b>(G)</b>
<b>H</b>	Type 3	<b>(H)</b>
<b>I</b>	Type 4	<b>(I)</b>
<b>J</b>	Type 4A	<b>(J)</b>
<b>K</b>	Type 5	<b>(K)</b>
<b>L</b>	Median Island curb ramps	<b>(L)</b>
<b>M</b>	Median island with Cut through	<b>(M)</b>
<b>N</b>	Triangular island with Cut through	<b>(N)</b>
<b>O</b>	Special Detail A	<b>(O)</b>
<b>P</b>	Special Detail B	<b>(P)</b>

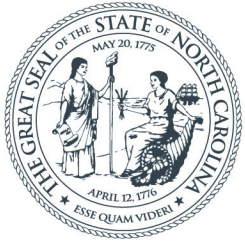




A	Standard Wheelchair Ramp 848.06	(A)
B	Detectable Warning Domes Only	(B)
C	Type 1	(C)
D	Type 1A	(D)
E	Type 1B	(E)
F	Type 2	(F)
G	Type 2A	(G)
H	Type 3	(H)
I	Type 4	(I)
J	Type 4A	(J)
K	Type 5	(K)
L	Median Island curb ramps	(L)
M	Median island with Cut through	(M)
N	Triangular island with Cut through	(N)
O	Special Detail A	(O)
P	Special Detail B	(P)







## NORTH CAROLINA

Department of Transportation



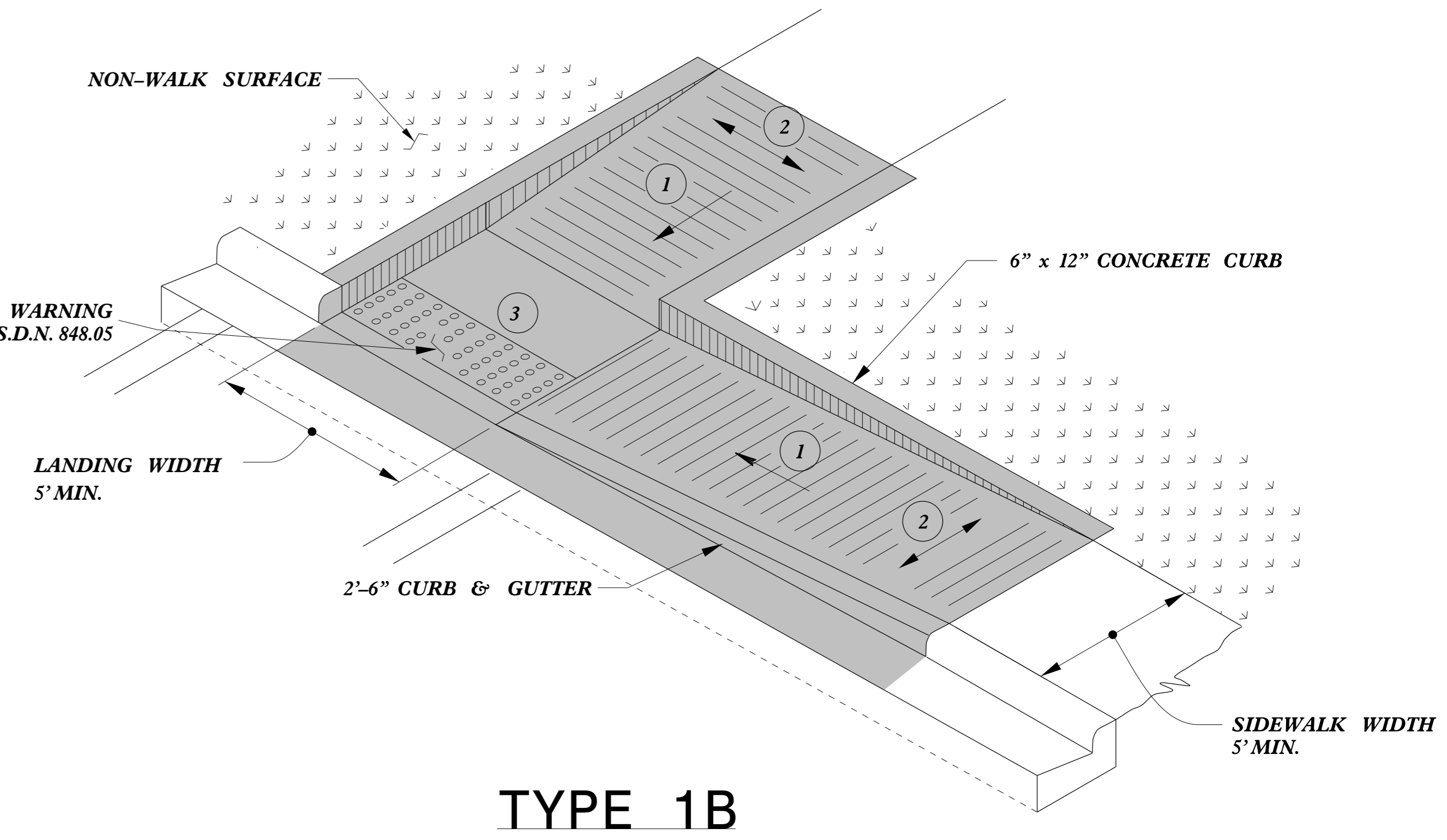
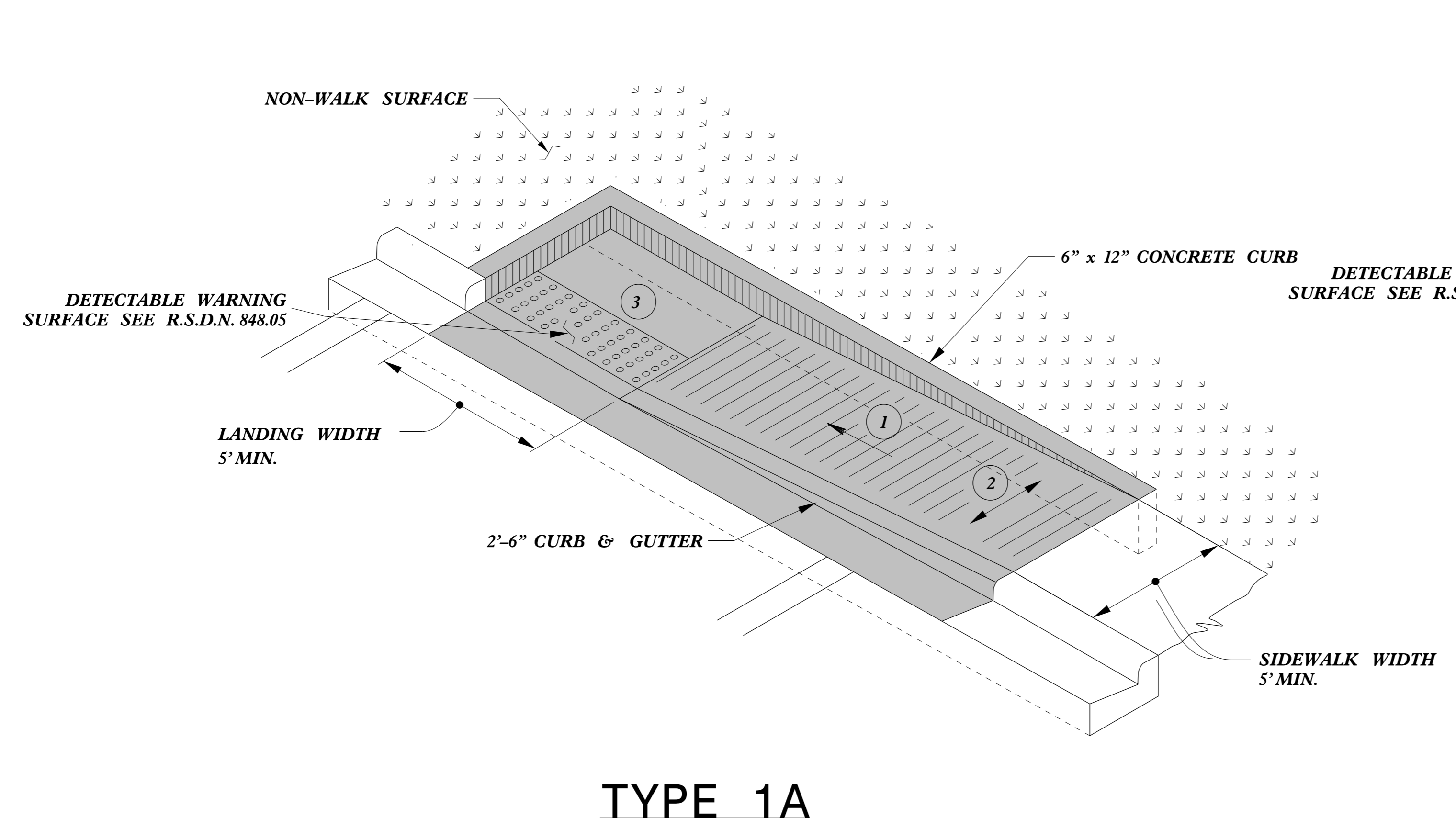
# R-5782MD Side Walk Ramps Project

Casey Whitley, PE, PLS

2023

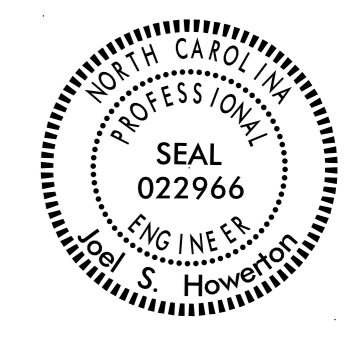
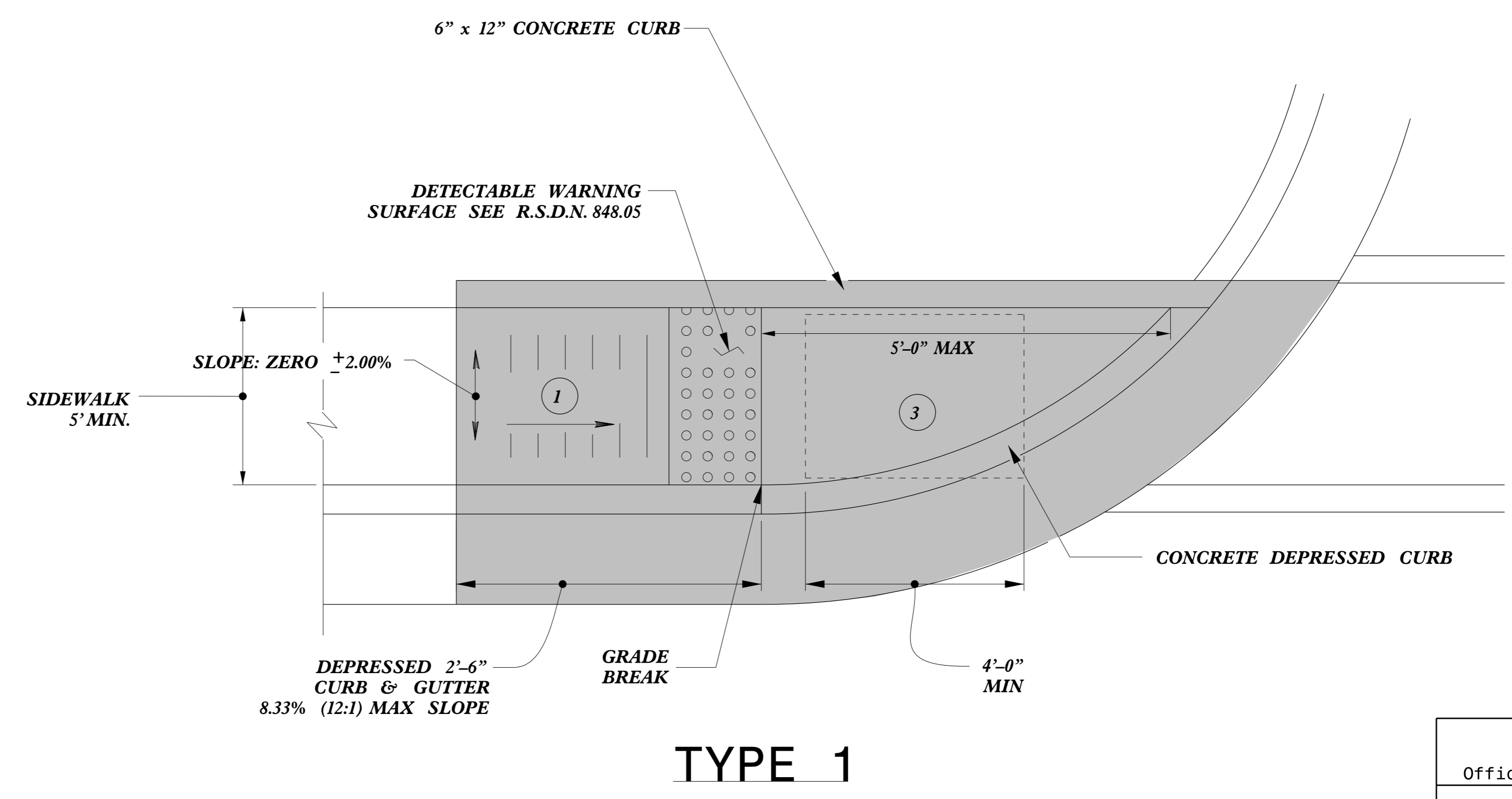
Town of Hookerton

5/14/99



**PAY LIMITS FOR 1 CURB RAMP**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

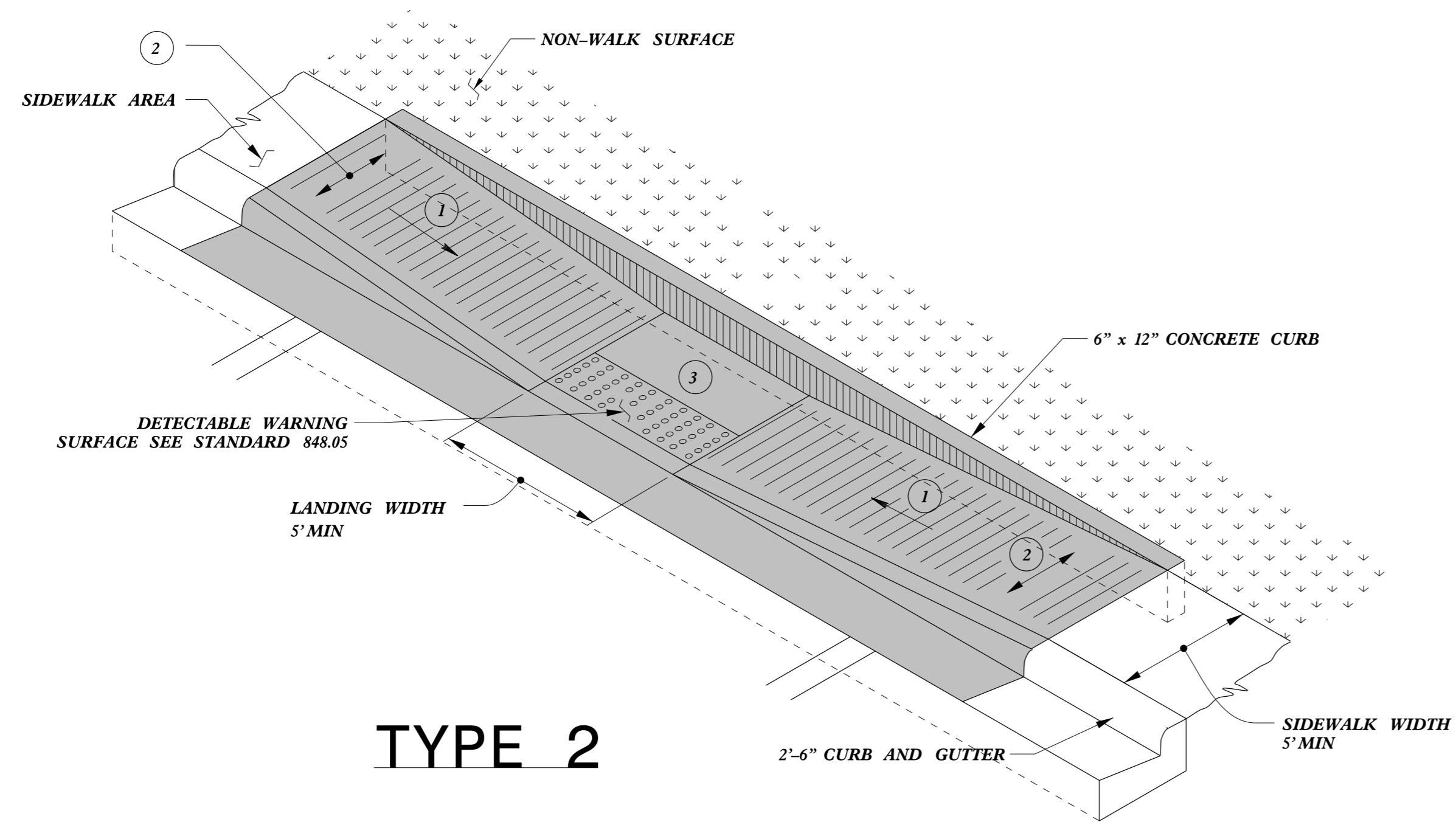


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Directional Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

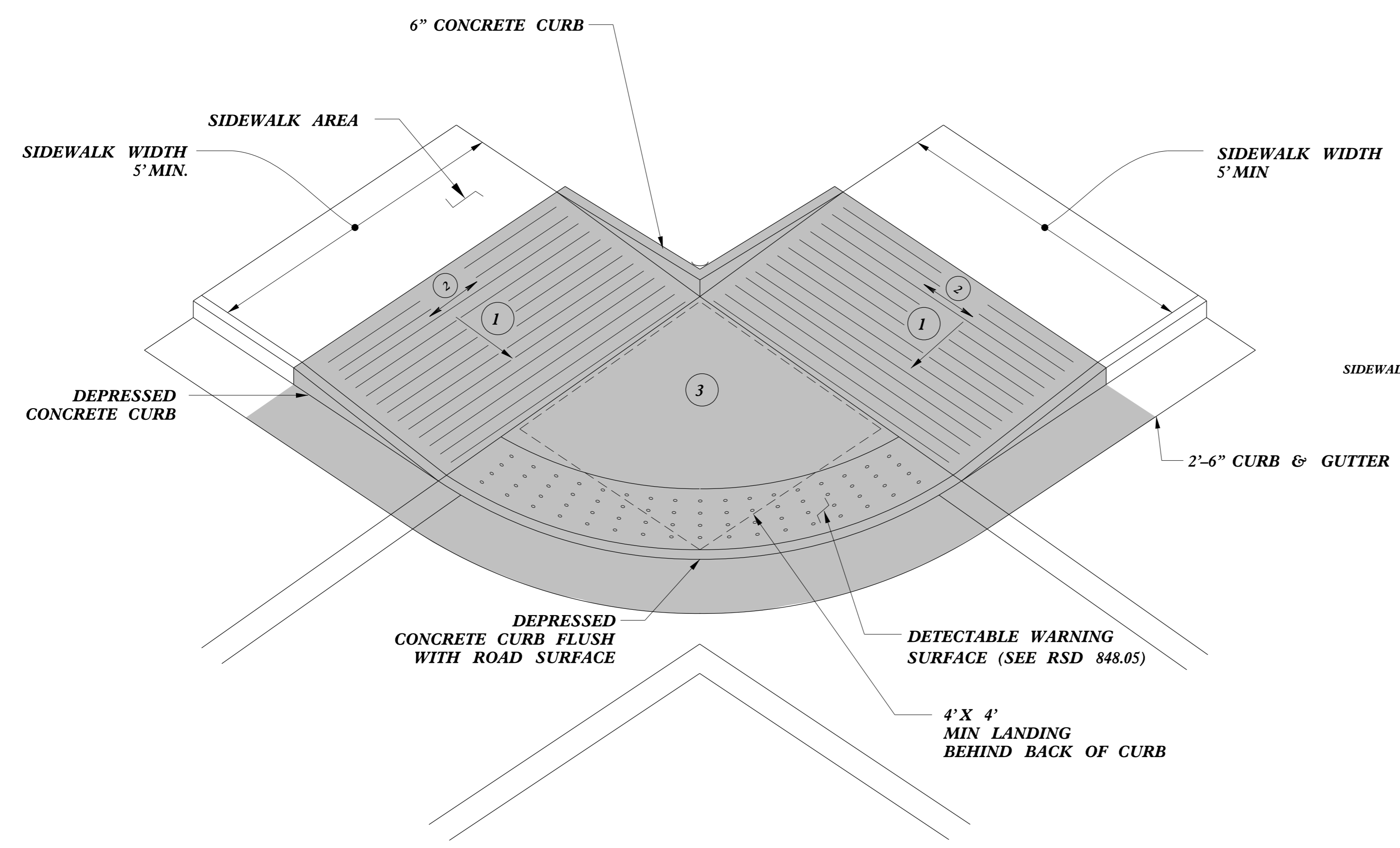
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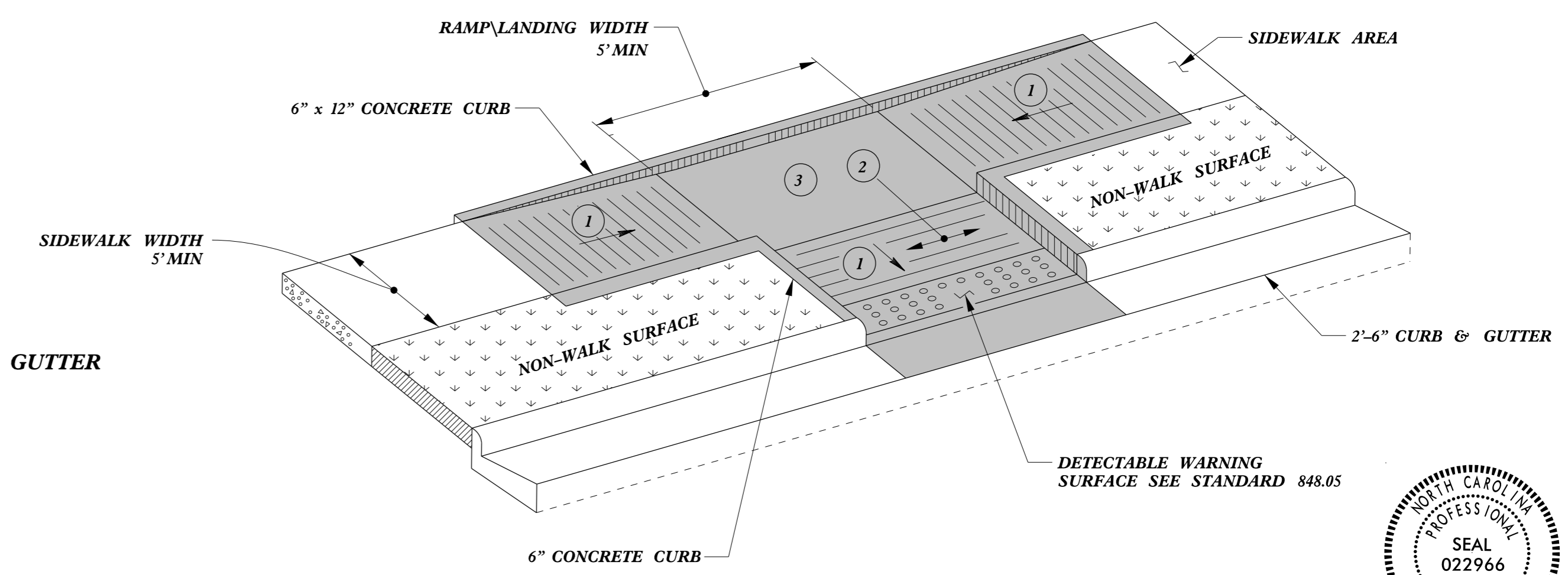
**TYPE 2**

**PAY LIMITS FOR 1 CURB RAMP**

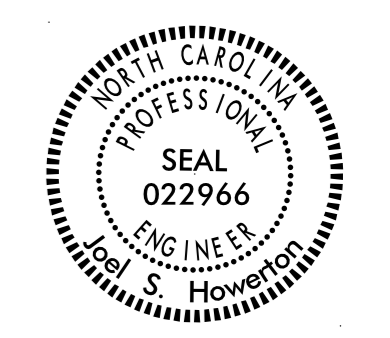
- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



**TYPE 2A**



**TYPE 3**

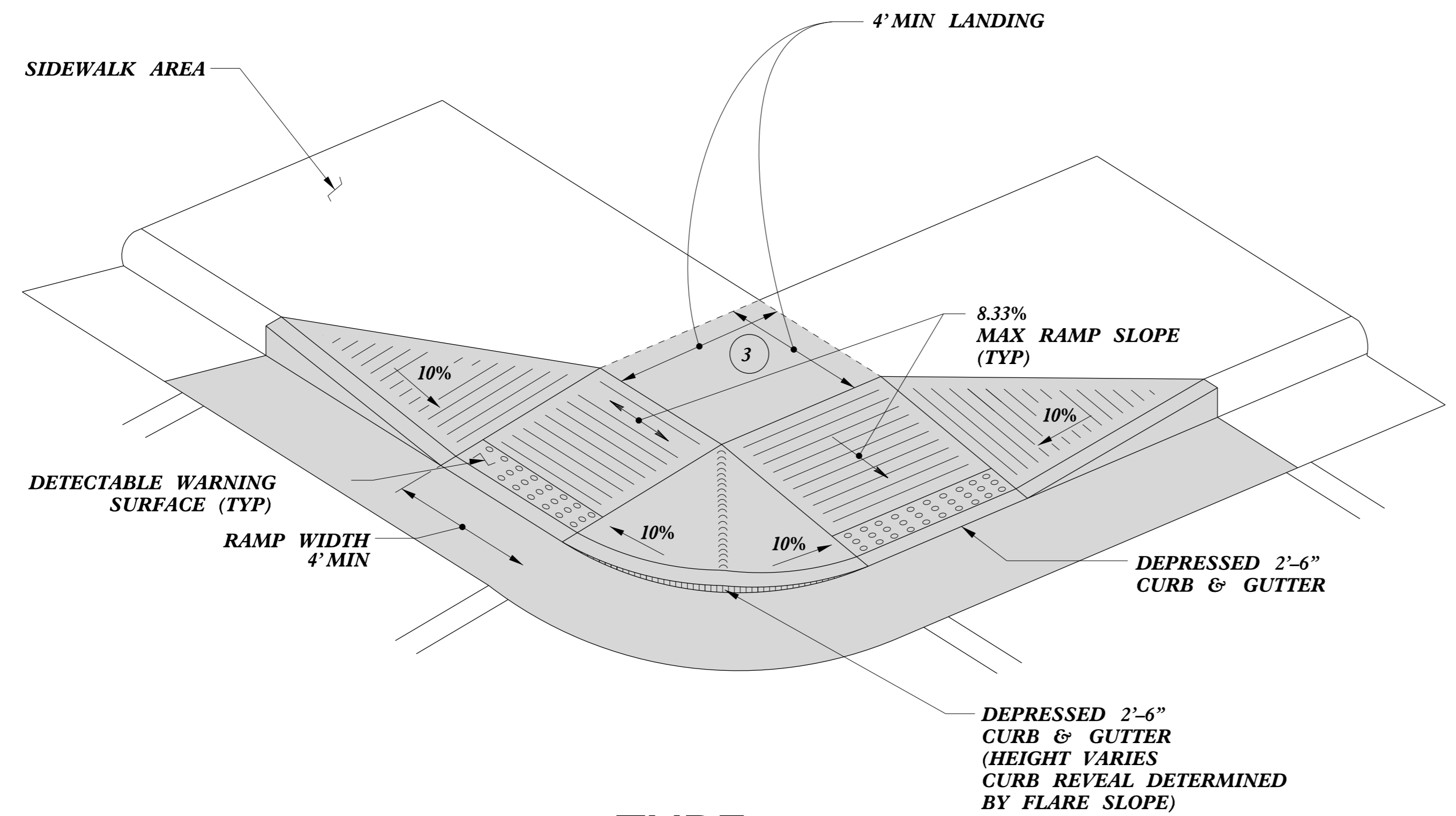


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

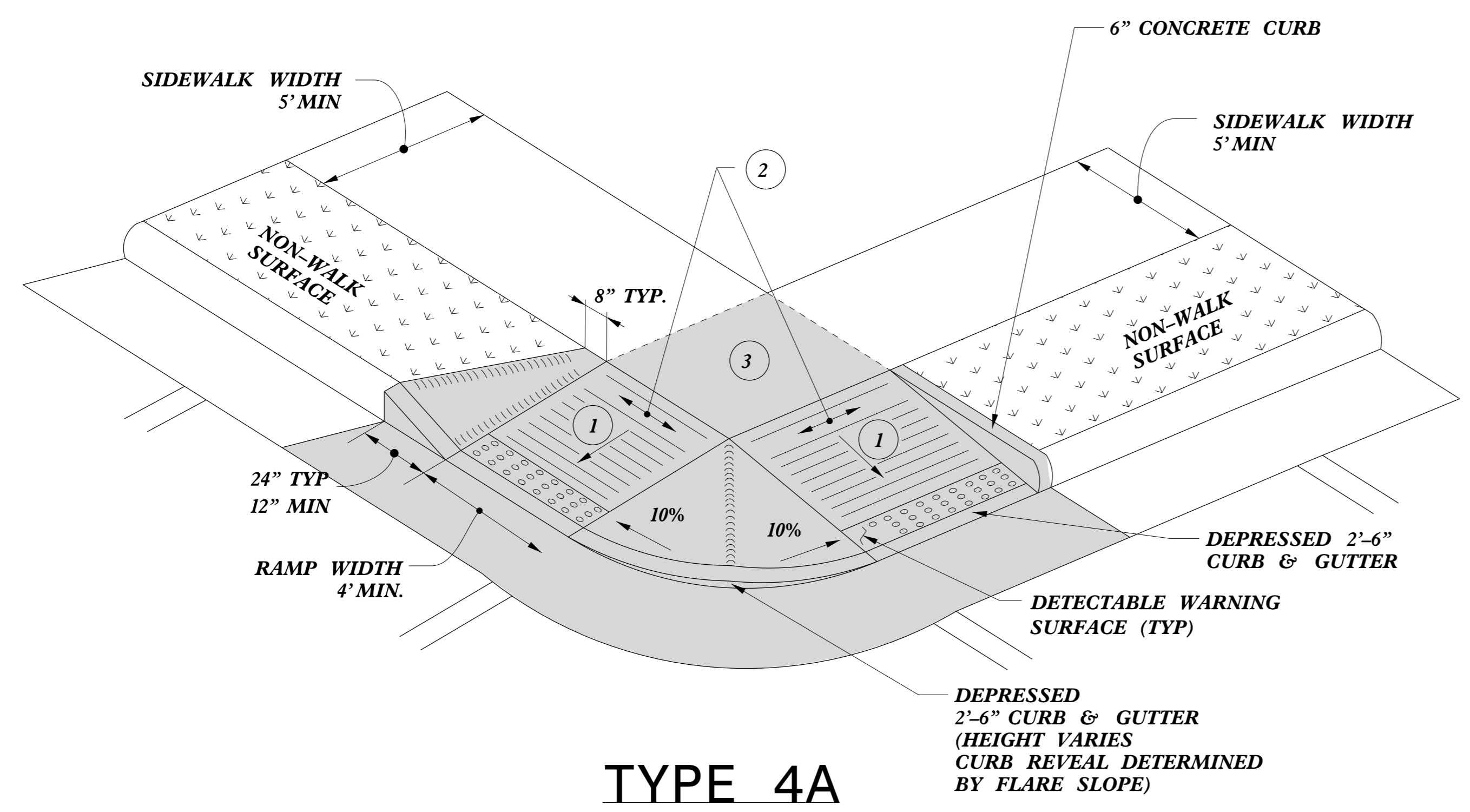
<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC. :stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

5/14/99  
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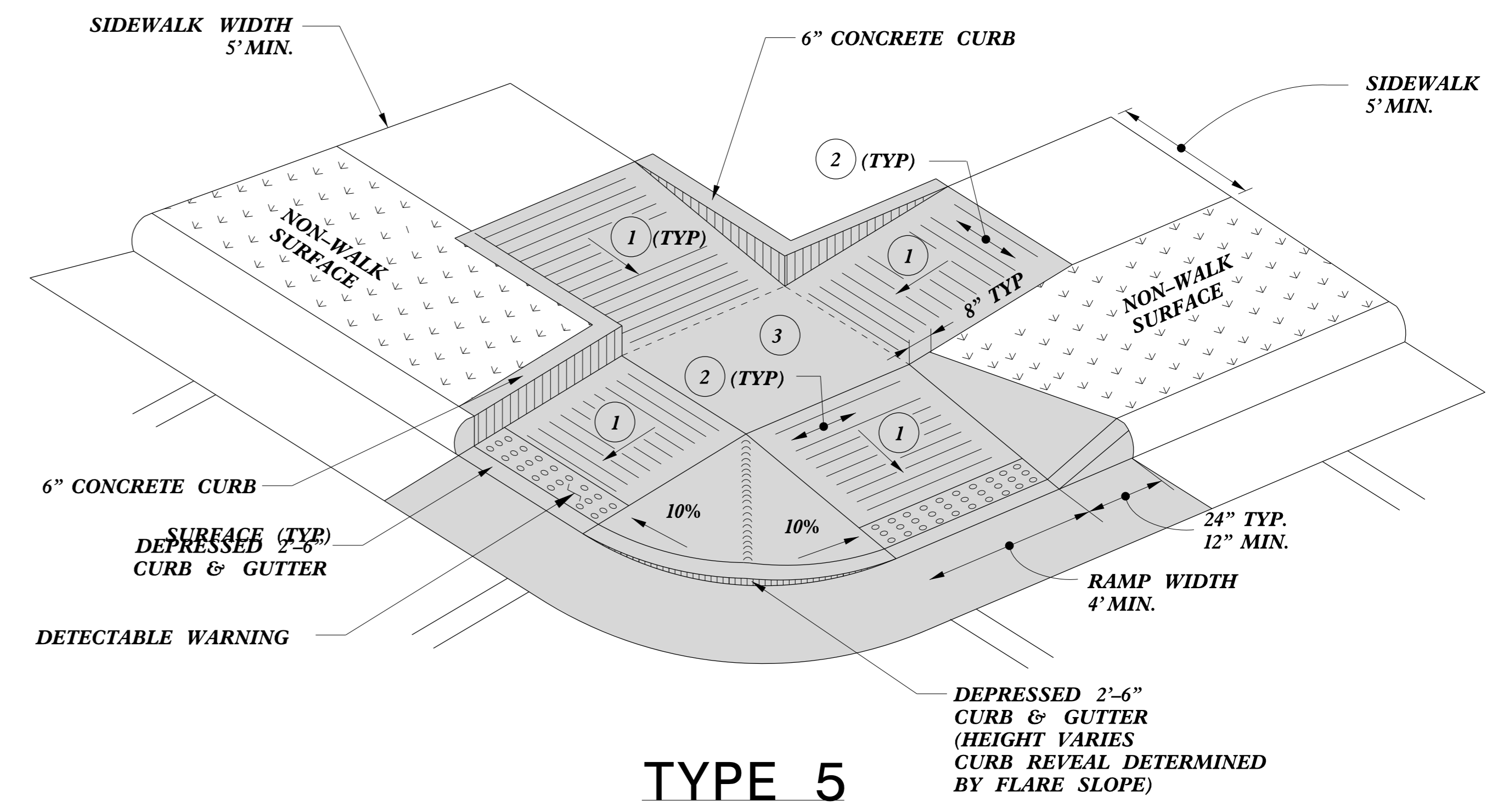


**TYPE 4**



**TYPE 4A**

**PAY LIMITS FOR 2 CURB RAMPS**



**TYPE 5**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**CURB RAMPS**  
Shared Landing

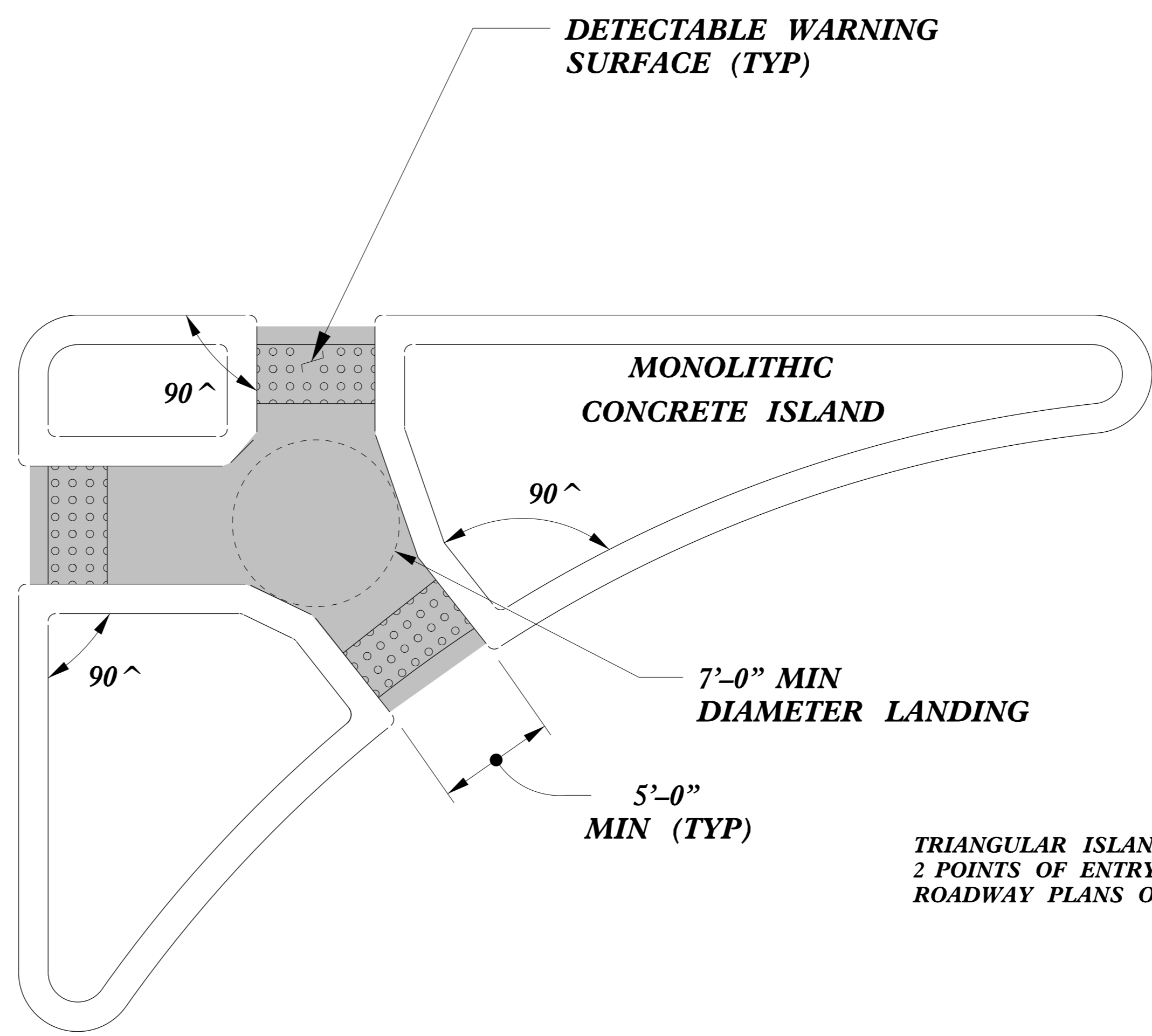
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 MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

5/14/99  
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 USER: J.S. HOWERTON  
 TIME: 10:00 AM



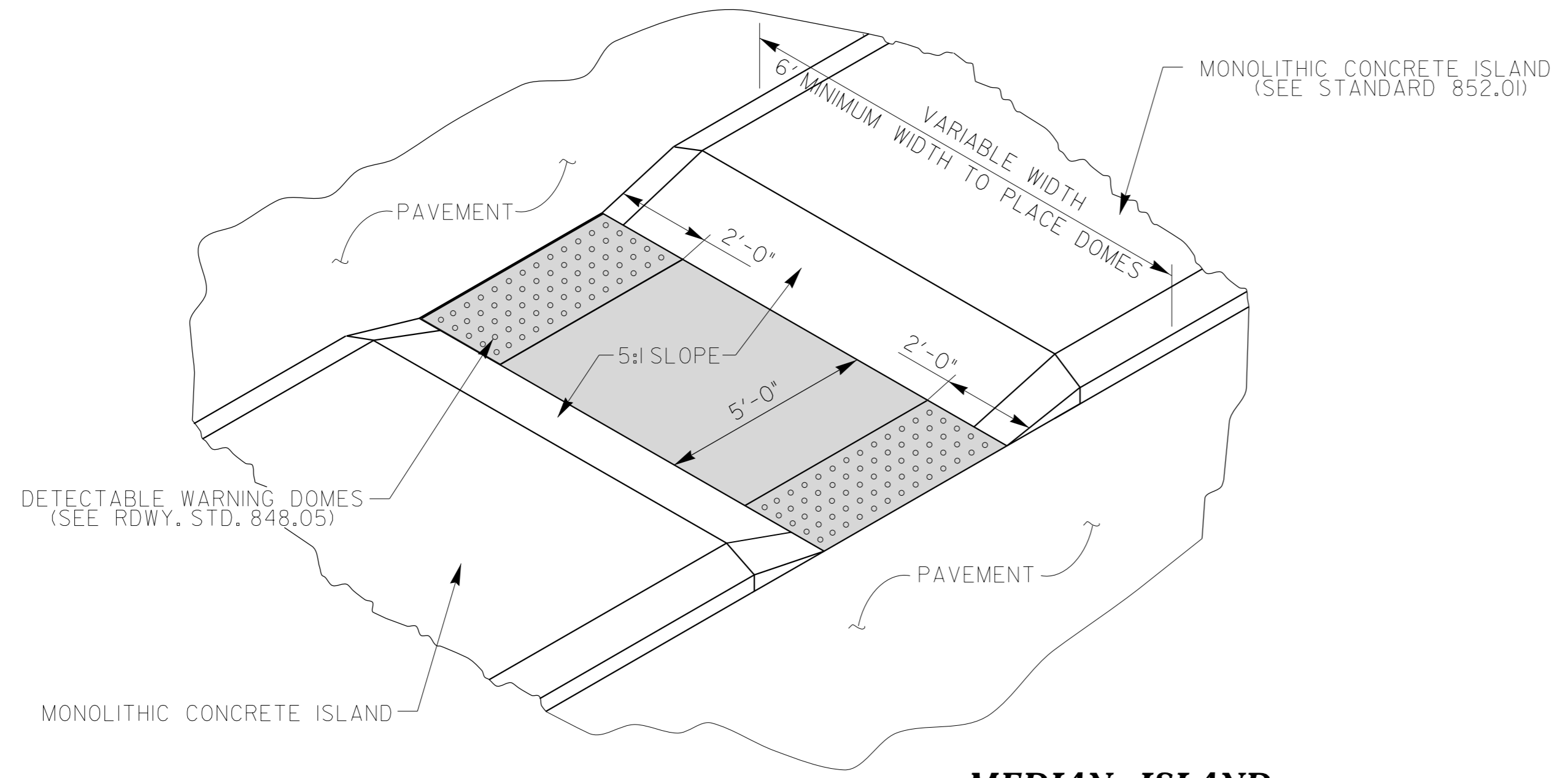
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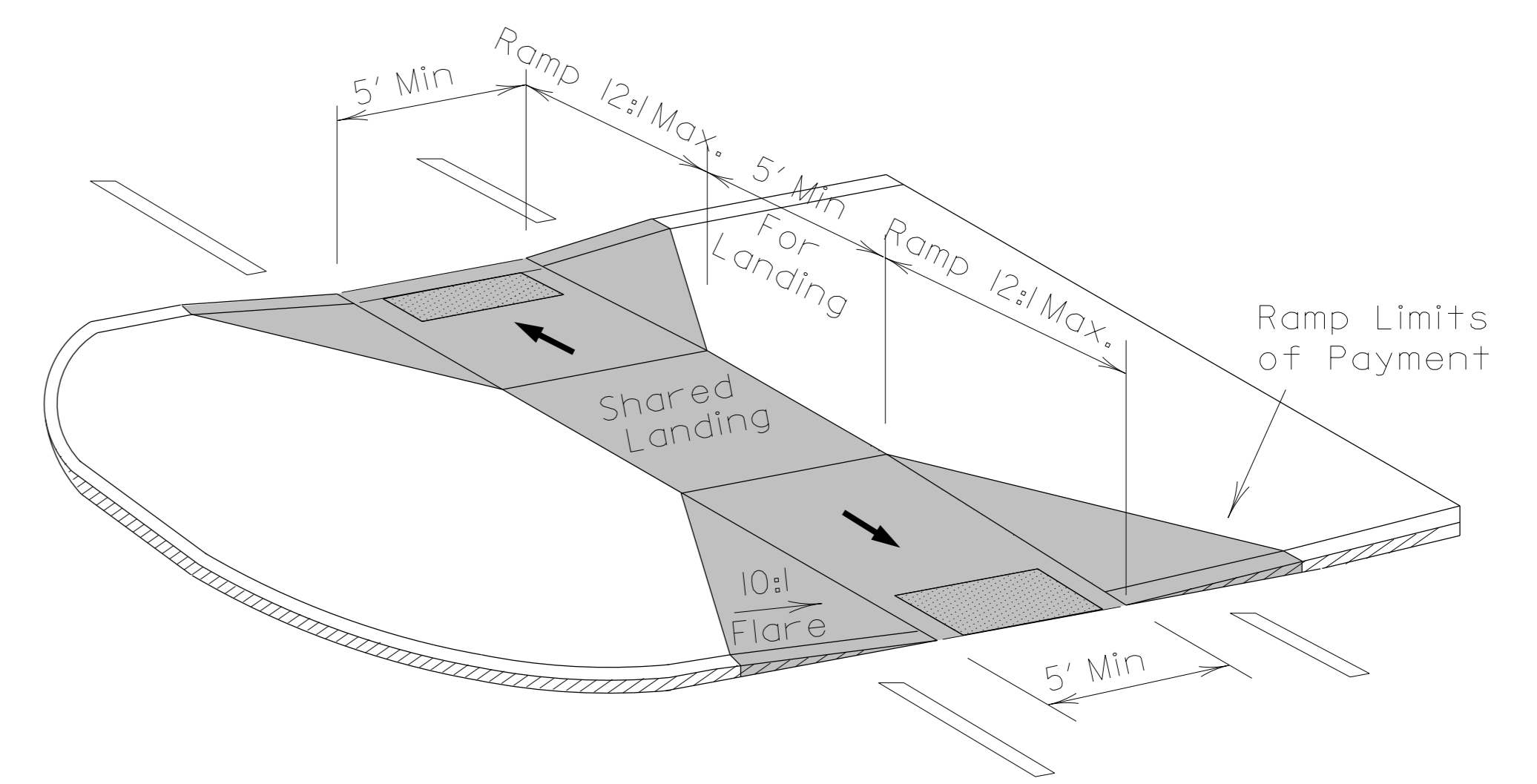
**PAY LIMITS FOR 2 OR 3 CURB RAMPS  
(CALCULATE BASED ON NUMBER OF  
SETS OF TRUNCATED DOMES)**

**TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY  
2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE  
ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.**

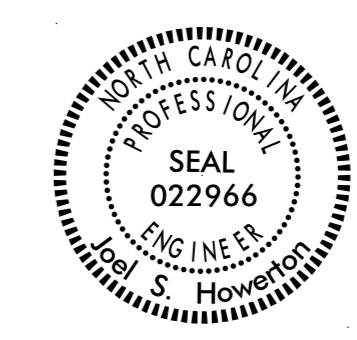
**TRIANGULAR ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
CURB RAMPS**



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS  
AND DEVELOPMENT UNIT**  
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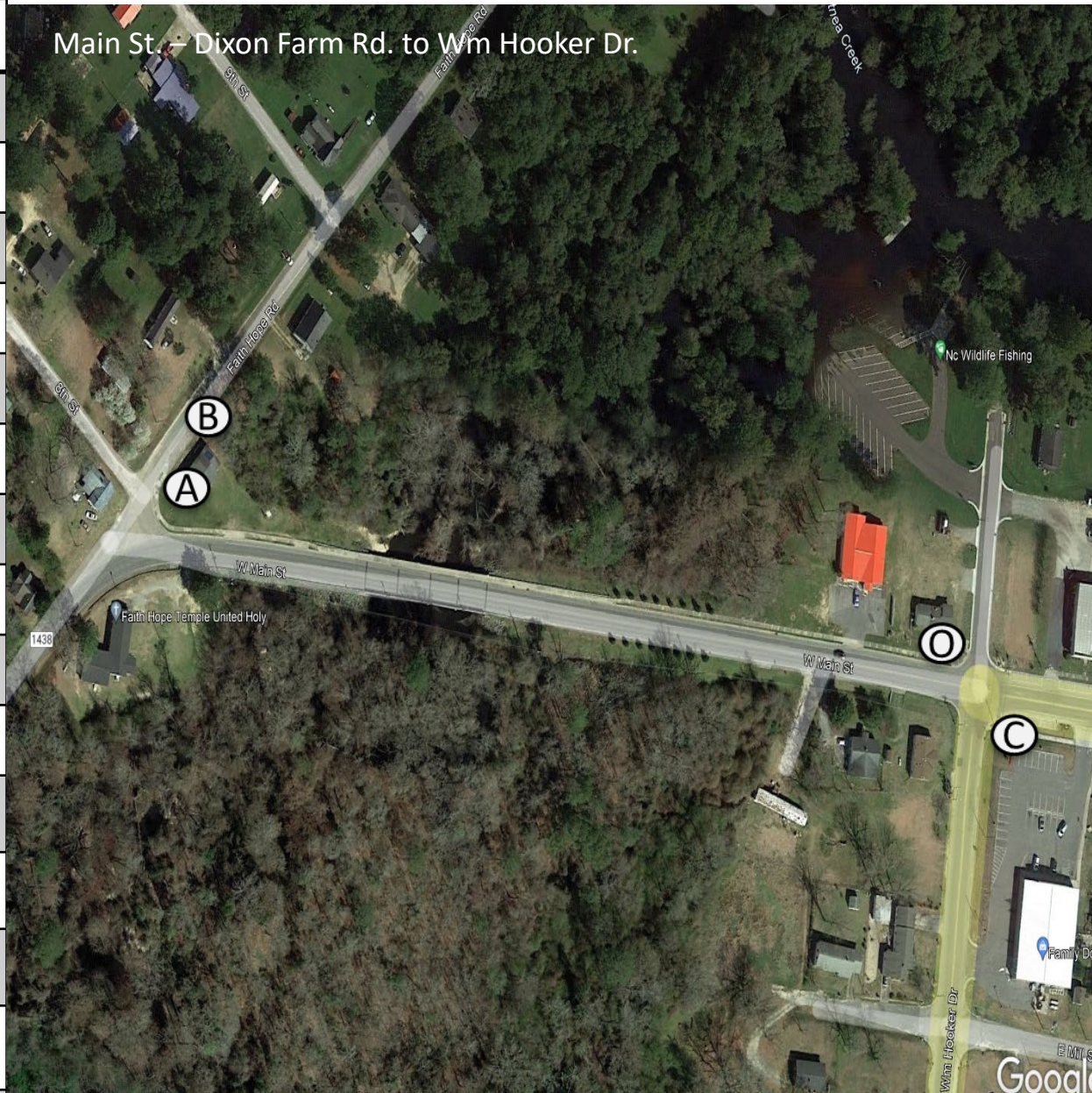
**CURB RAMPS**  
Median or Turn Lane Islands

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn

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 C:\TIME\PROJECTS\CON\CON\USER\NAME\$\$\$\$  
 C:\TIME\PROJECTS\CON\CON\USER\NAME\$\$\$\$



<b>A</b>	<b>Standard Wheelchair Ramp 848.06</b>	<b>(A)</b>
<b>B</b>	Detectable Warning Domes Only	<b>(B)</b>
<b>C</b>	Type 1	<b>(C)</b>
<b>D</b>	Type 1A	<b>(D)</b>
<b>E</b>	Type 1B	<b>(E)</b>
<b>F</b>	Type 2	<b>(F)</b>
<b>G</b>	Type 2A	<b>(G)</b>
<b>H</b>	Type 3	<b>(H)</b>
<b>I</b>	Type 4	<b>(I)</b>
<b>J</b>	Type 4A	<b>(J)</b>
<b>K</b>	Type 5	<b>(K)</b>
<b>L</b>	Median Island curb ramps	<b>(L)</b>
<b>M</b>	Median island with Cut through	<b>(M)</b>
<b>N</b>	Triangular island with Cut through	<b>(N)</b>
<b>O</b>	Type 1 ramp at Intersection, Remove Ramp Going South & Replace with 4" Concrete Sidewalk	<b>(O)</b>
<b>P</b>	Special Detail	<b>(P)</b>

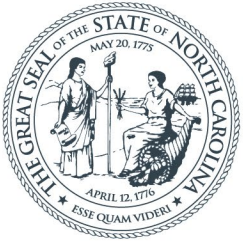




<b>A</b>	<b>Standard Wheelchair Ramp 848.06</b>	<b>(A)</b>
<b>B</b>	Detectable Warning Domes Only	<b>(B)</b>
<b>C</b>	Type 1	<b>(C)</b>
<b>D</b>	Type 1A	<b>(D)</b>
<b>E</b>	Type 1B	<b>(E)</b>
<b>F</b>	Type 2	<b>(F)</b>
<b>G</b>	Type 2A	<b>(G)</b>
<b>H</b>	Type 3	<b>(H)</b>
<b>I</b>	Type 4	<b>(I)</b>
<b>J</b>	Type 4A	<b>(J)</b>
<b>K</b>	Type 5	<b>(K)</b>
<b>L</b>	Median Island curb ramps	<b>(L)</b>
<b>M</b>	Median island with Cut through	<b>(M)</b>
<b>N</b>	Triangular island with Cut through	<b>(N)</b>
<b>O</b>	Add 80' of 4" Concrete Sidewalk With Type 4A Ramp at Intersection	<b>(O)</b>
<b>P</b>	Special Detail	<b>(P)</b>







## NORTH CAROLINA

Department of Transportation



# R-5782MD Side Walk Ramps Project

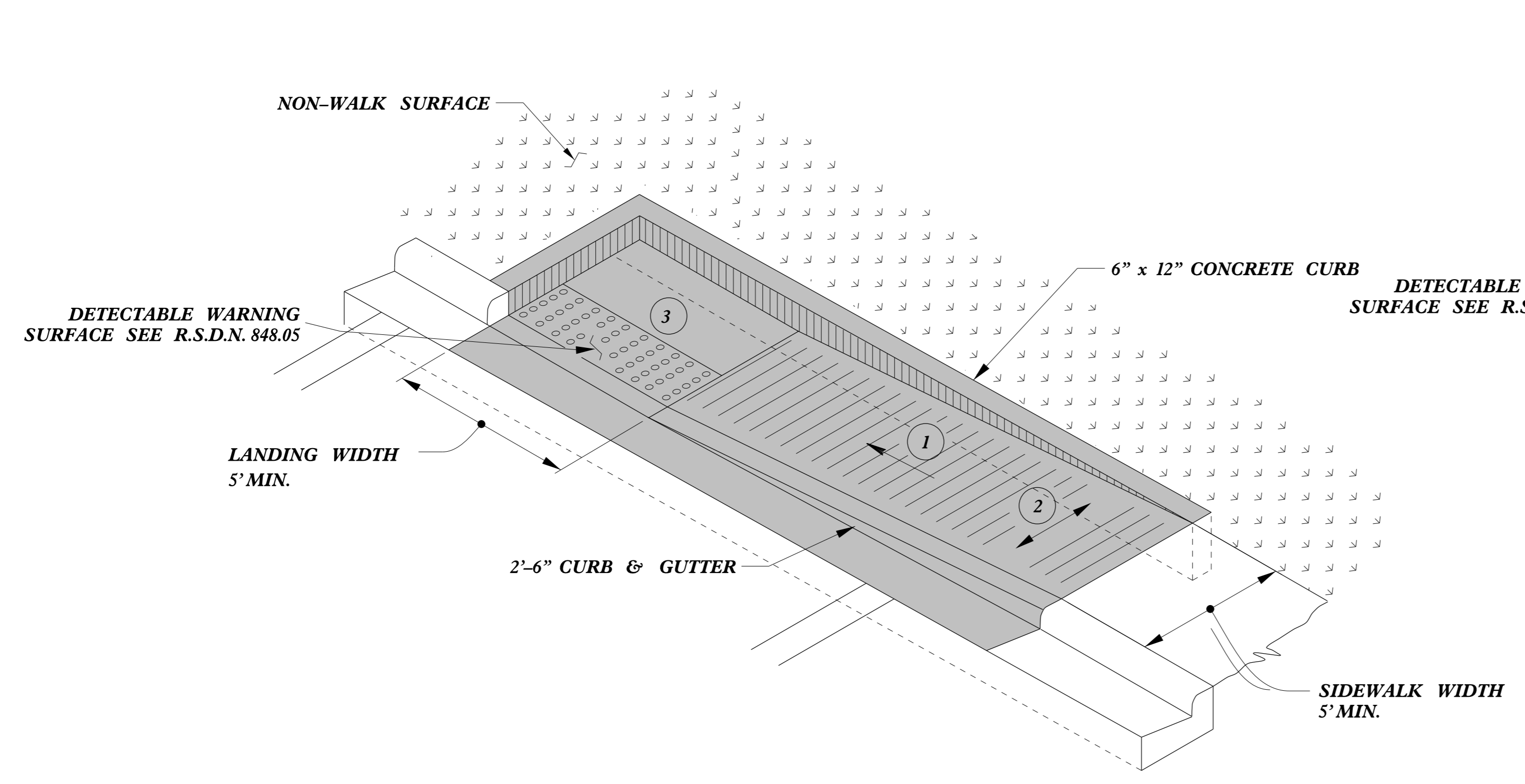
Casey Whitley, PE, PLS

2023

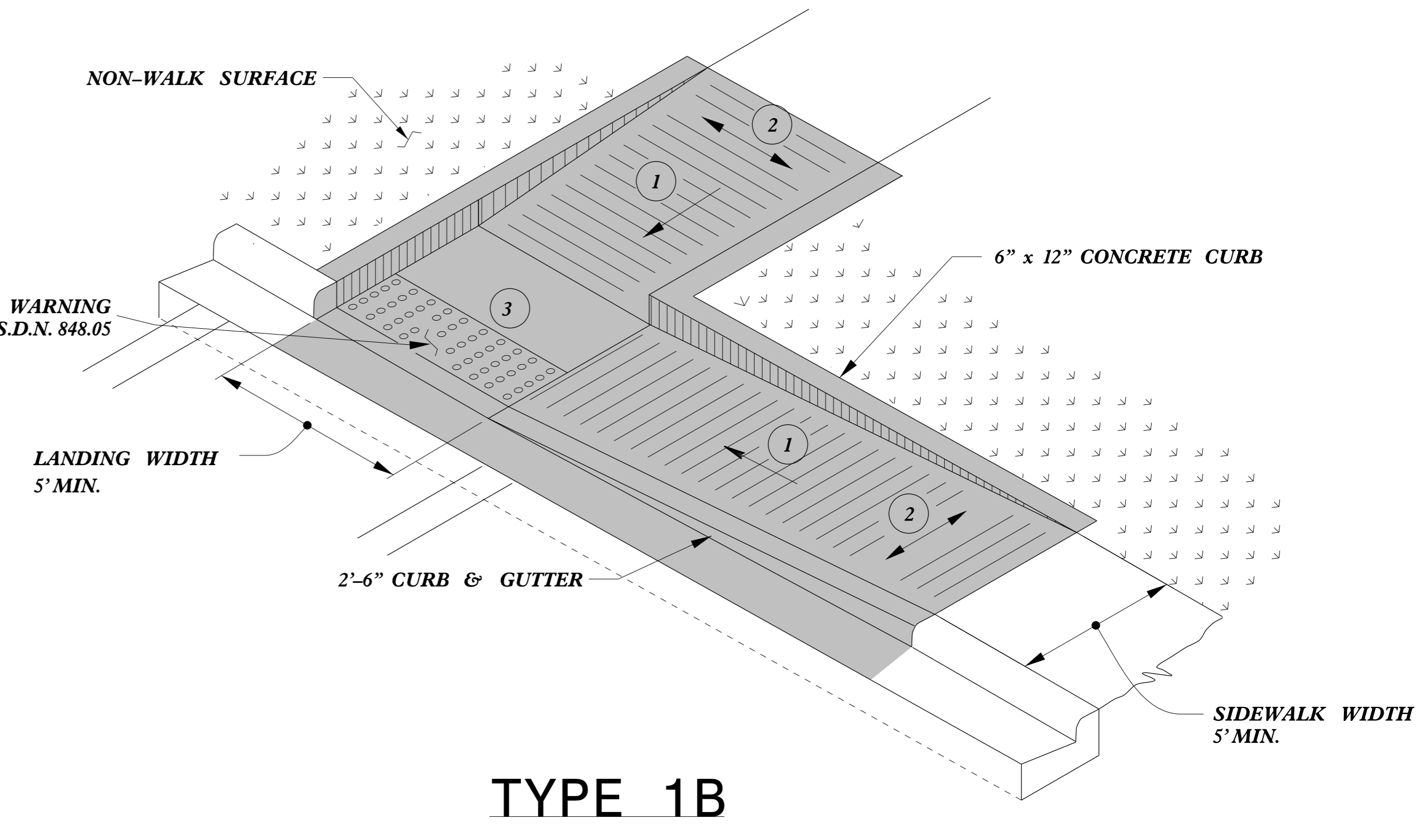
Town of Walstonburg



5/14/99



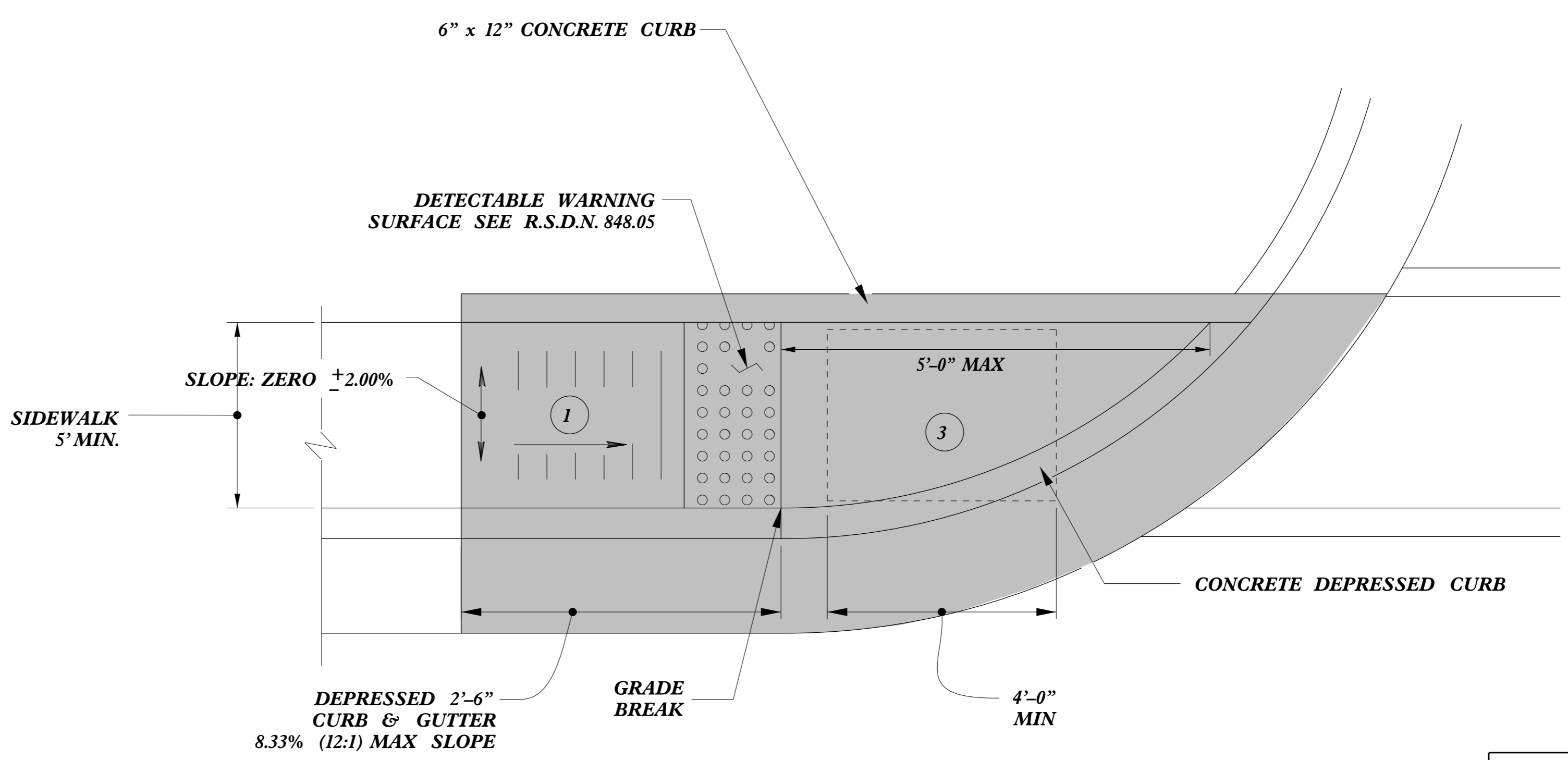
**TYPE 1A**



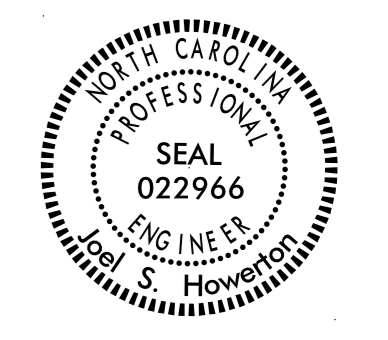
**TYPE 1B**

**PAY LIMITS FOR 1 CURB RAMP**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



**TYPE 1**



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

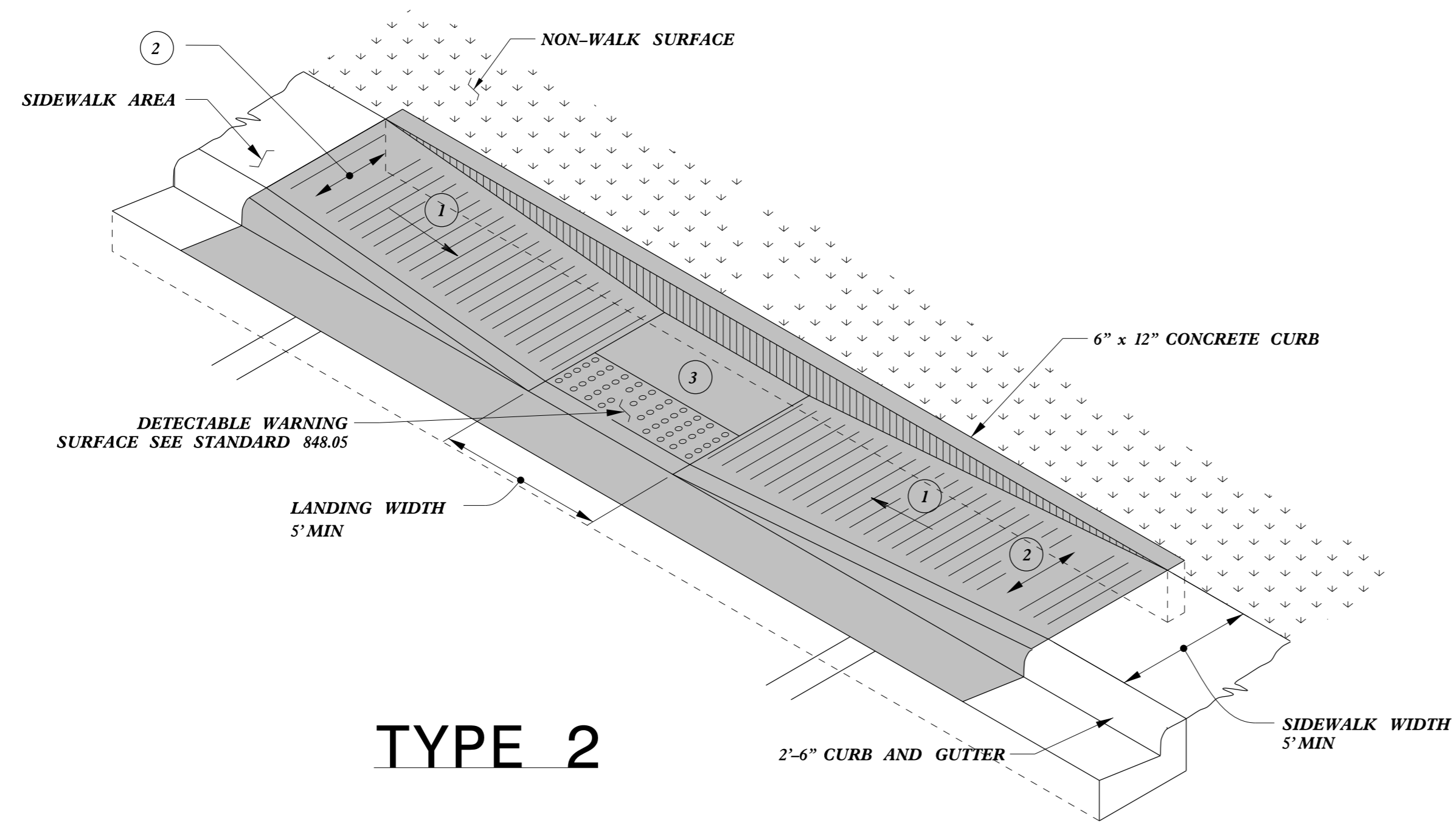
**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**CURB RAMPS**  
Directional Ramps

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

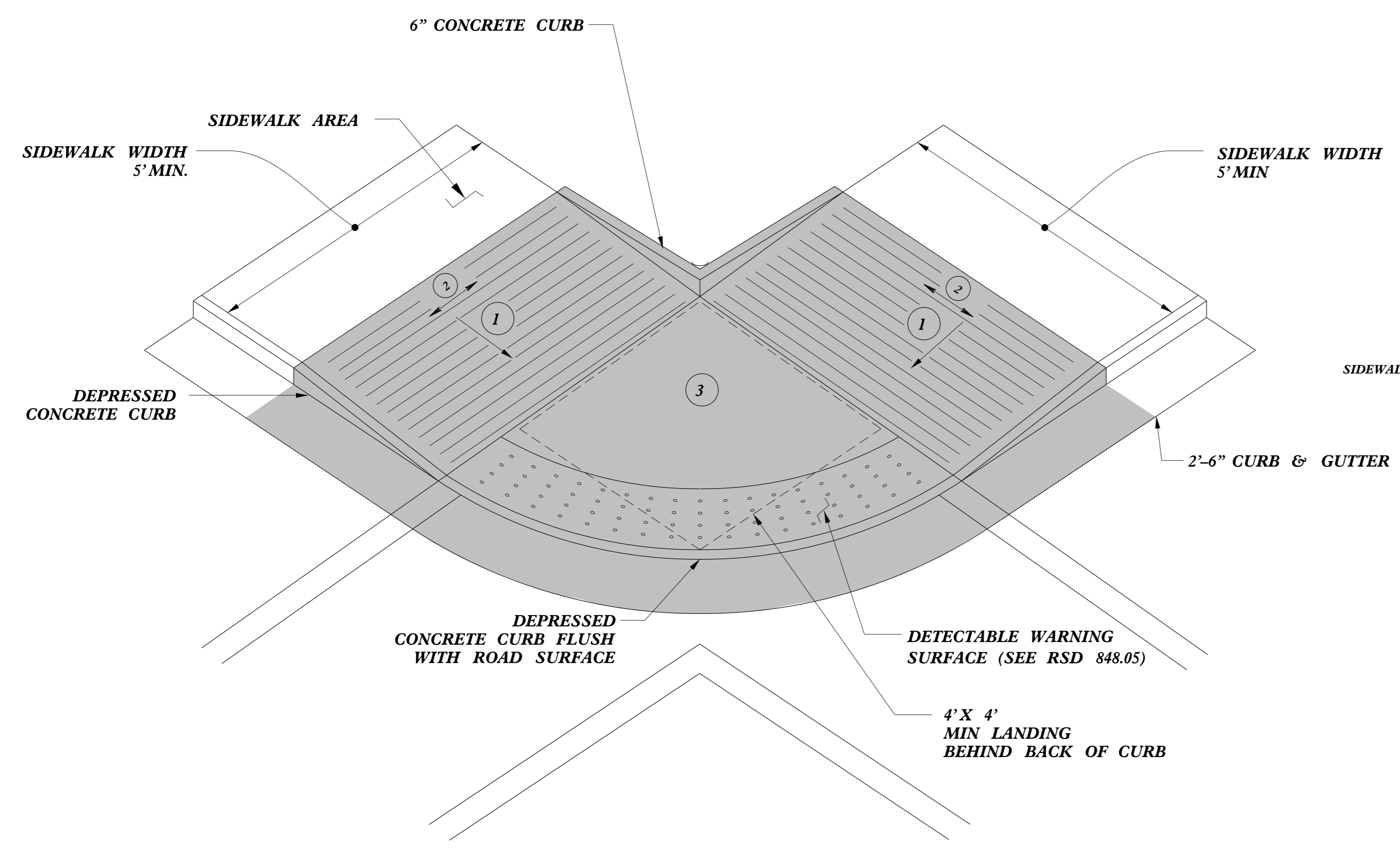




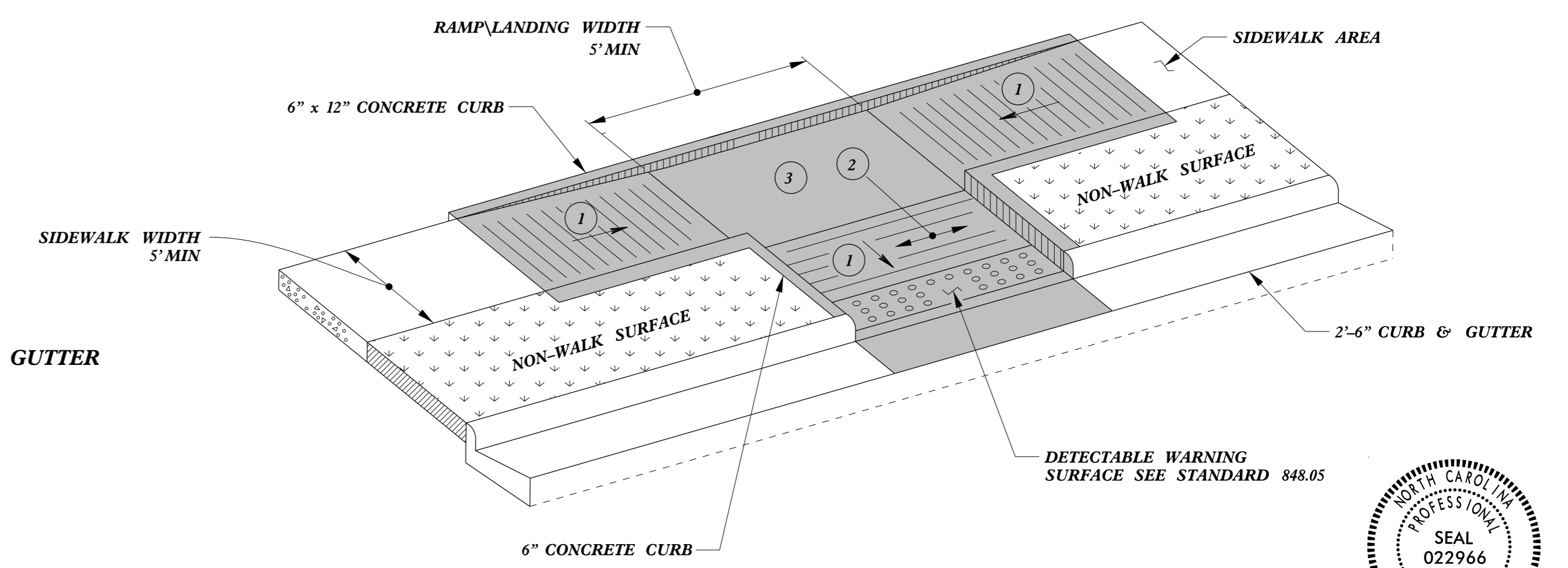
**TYPE 2**

**PAY LIMITS FOR 1 CURB RAMP**

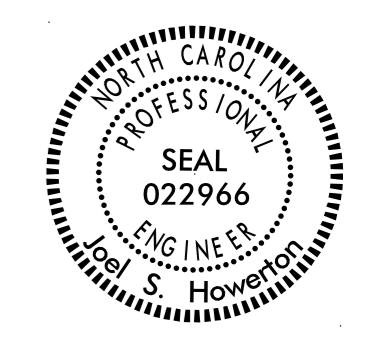
- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



**TYPE 2A**



**TYPE 3**



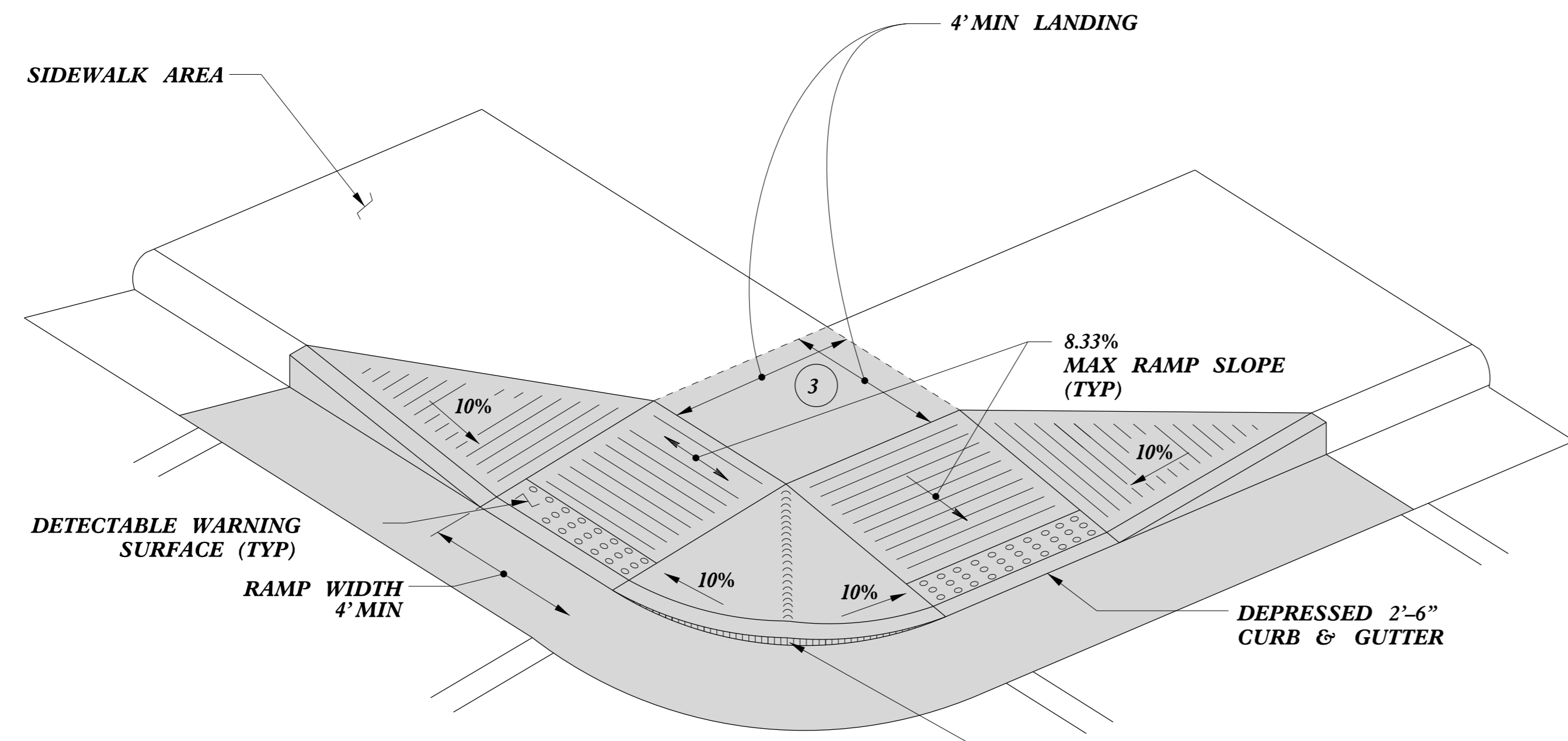
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC. :stds/2012CurbRamp/CurbRampDetails.dgn	

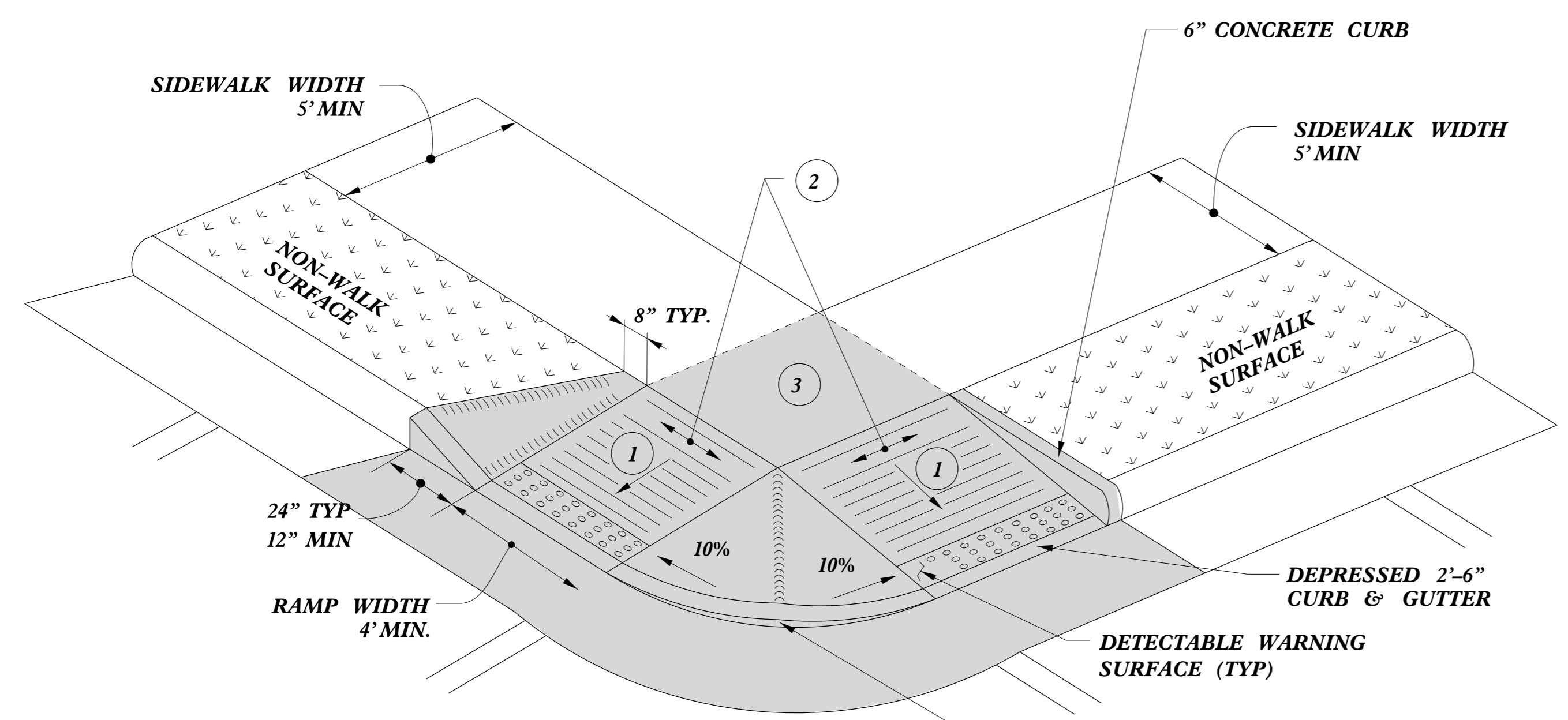
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5/14/99  
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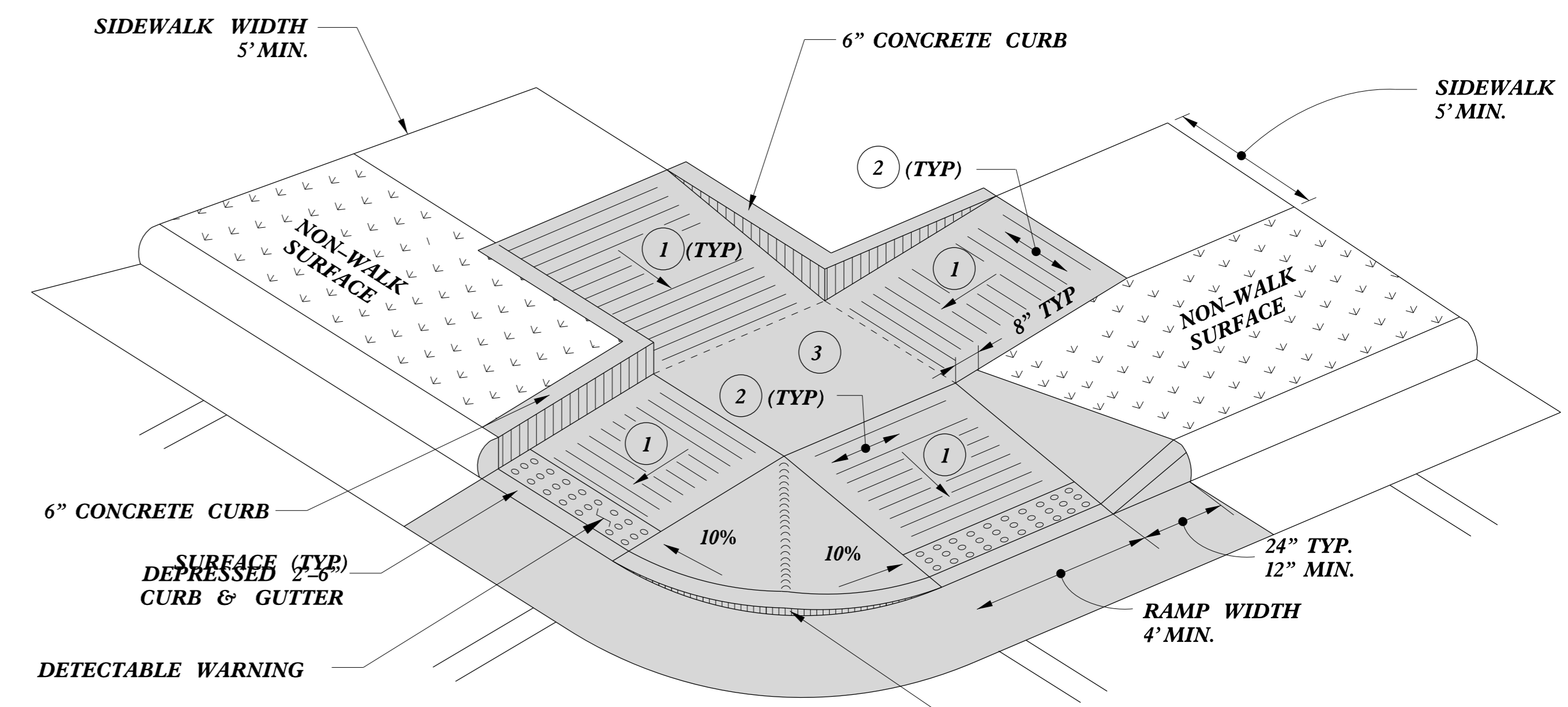


**TYPE 4**



**TYPE 4A**

**PAY LIMITS FOR 2 CURB RAMPS**



**TYPE 5**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
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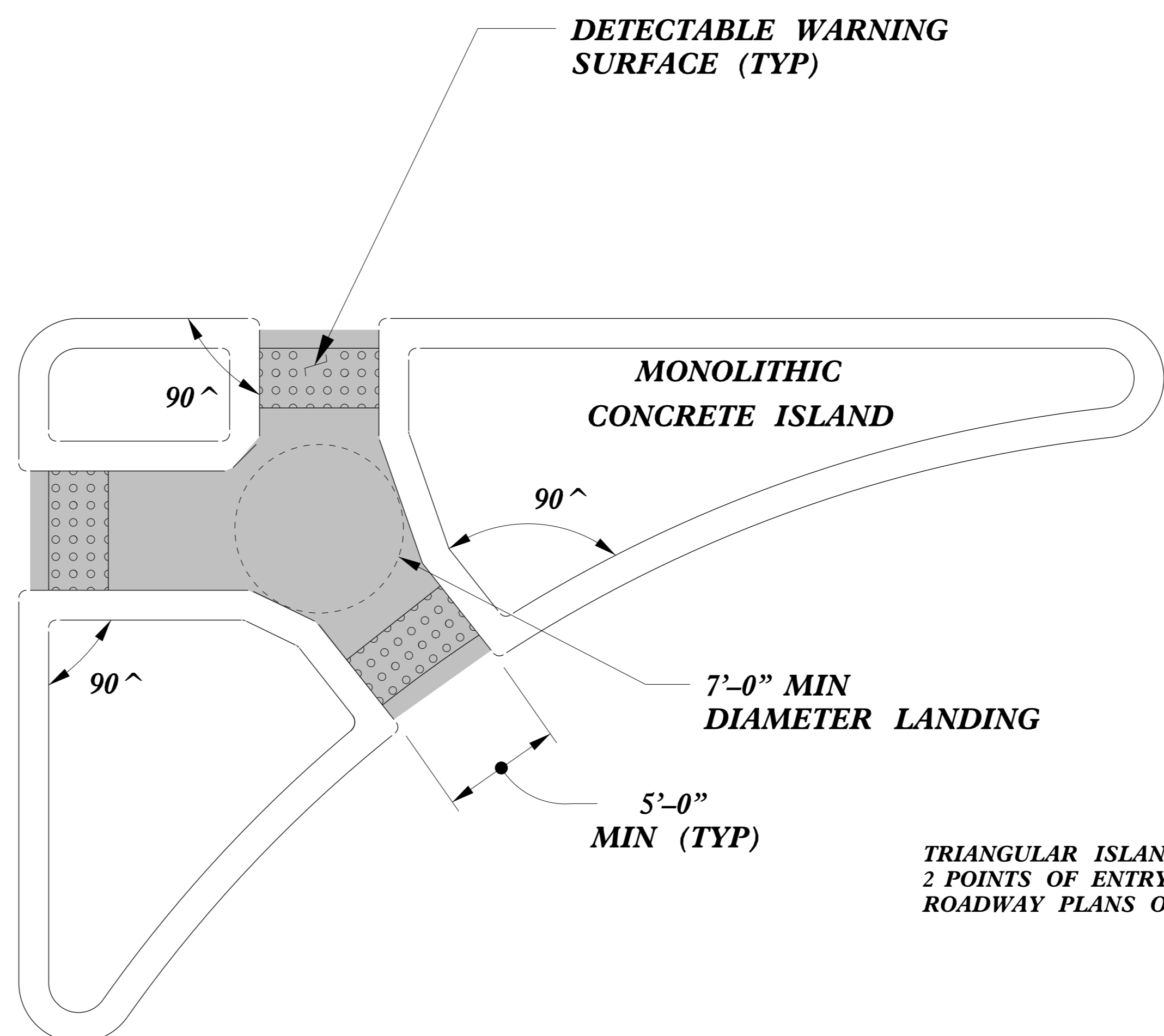
<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Shared Landing	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

5/14/99  
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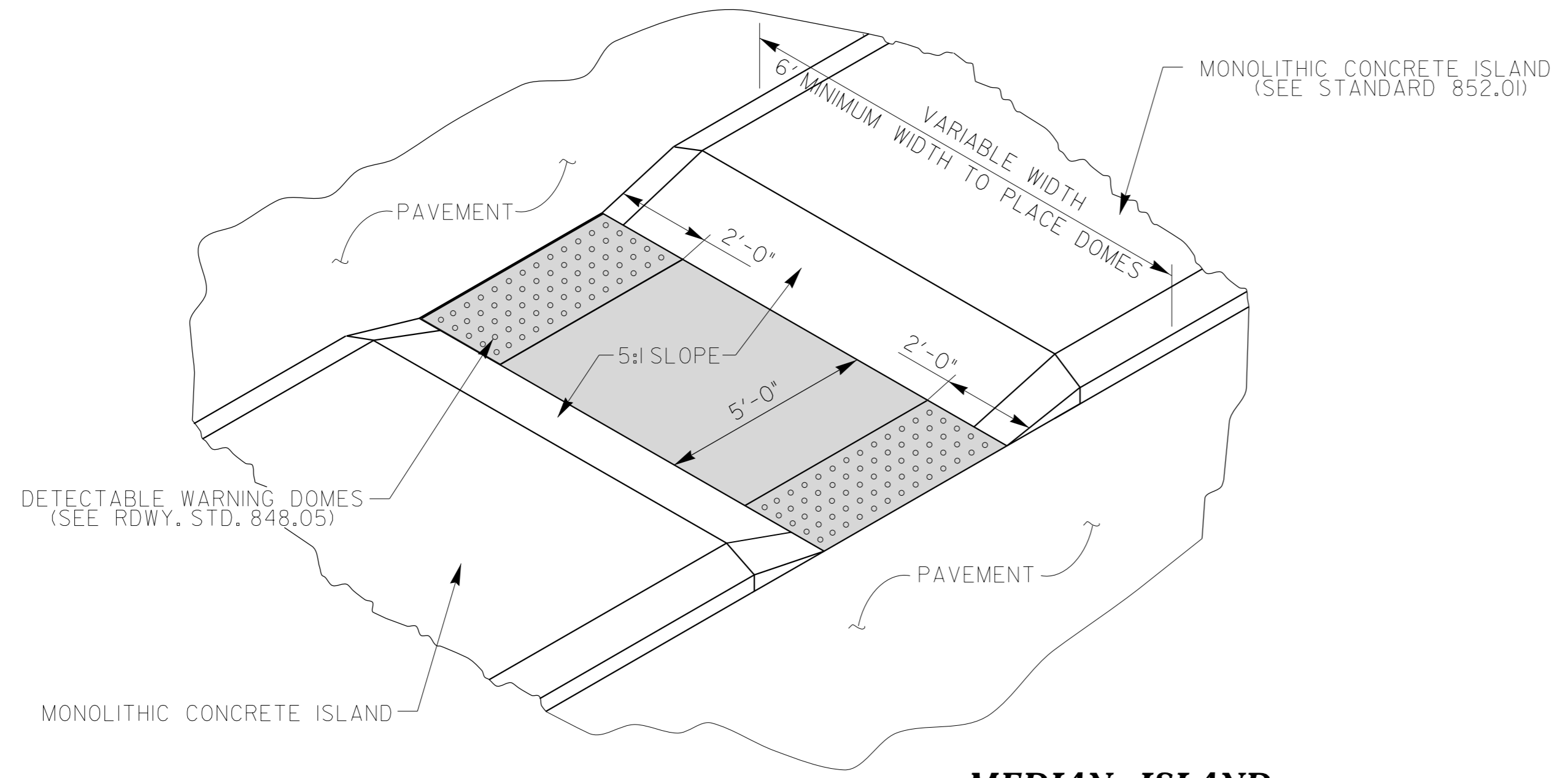
5/14/99



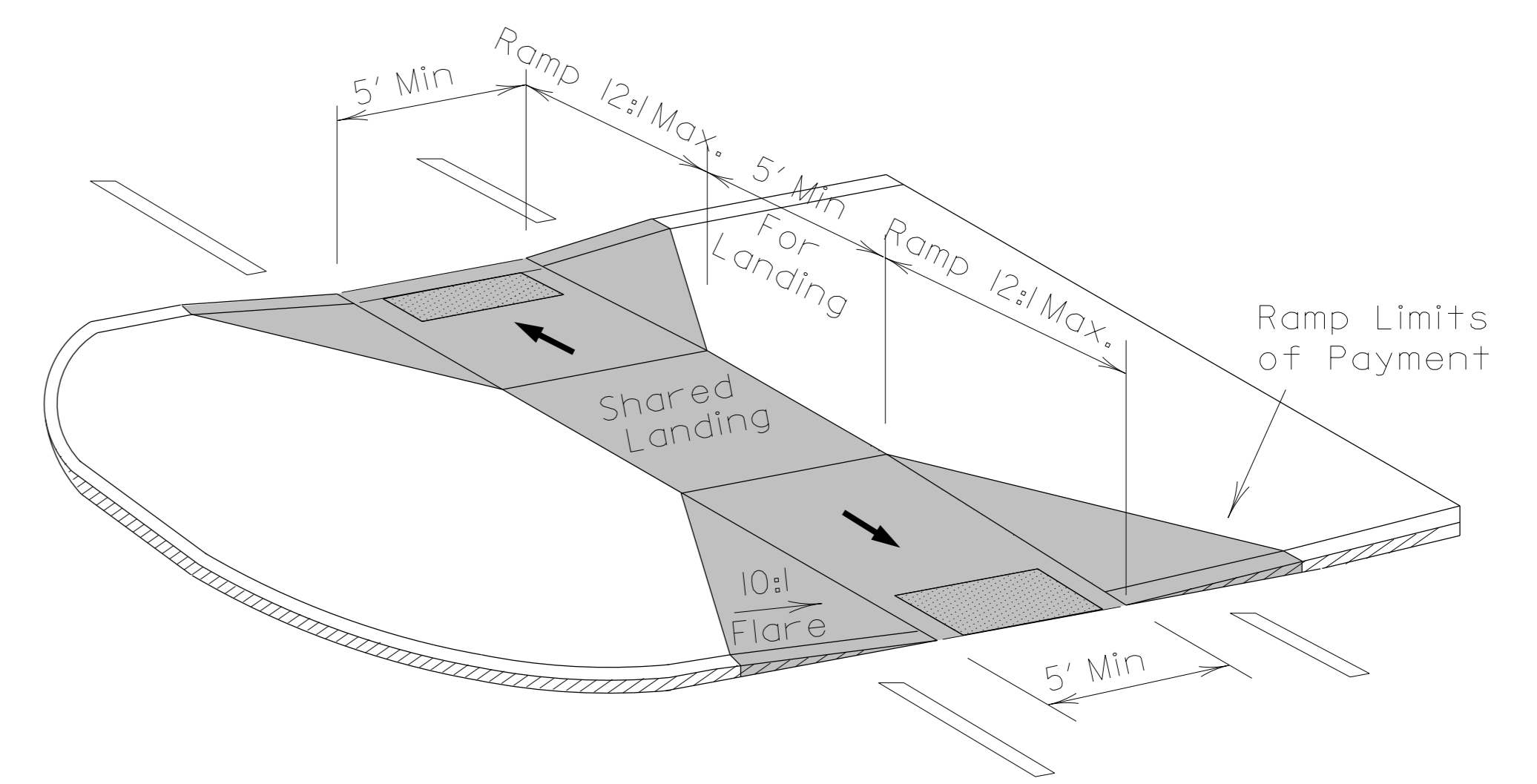
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TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY  
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ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

**TRIANGULAR ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
CURB RAMPS**

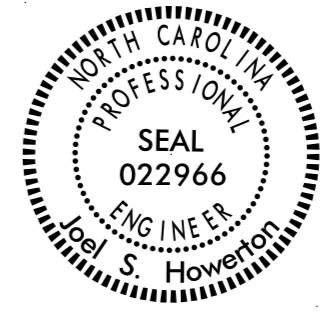
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**CONTRACT STANDARDS  
AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**CURB RAMPS**

Median or Turn Lane Islands

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn



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A	Standard Wheelchair Ramp 848.06	(A)
B	Detectable Warning Domes Only	(B)
C	Type 1	(C)
D	Type 1A	(D)
E	Type 1B	(E)
F	Type 2	(F)
G	Type 2A	(G)
H	Type 3	(H)
I	Type 4	(I)
J	Type 4A	(J)
K	Type 5	(K)
L	Median Island curb ramps	(L)
M	Median island with Cut through	(M)
N	Triangular island with Cut through	(N)
O	Type 1 and Connect Sidewalk (Approx. 25' of Sidewalk to Connect)	(O)
P	Special Detail B	(P)

