

## NORTH CAROLINA

Department of Transportation



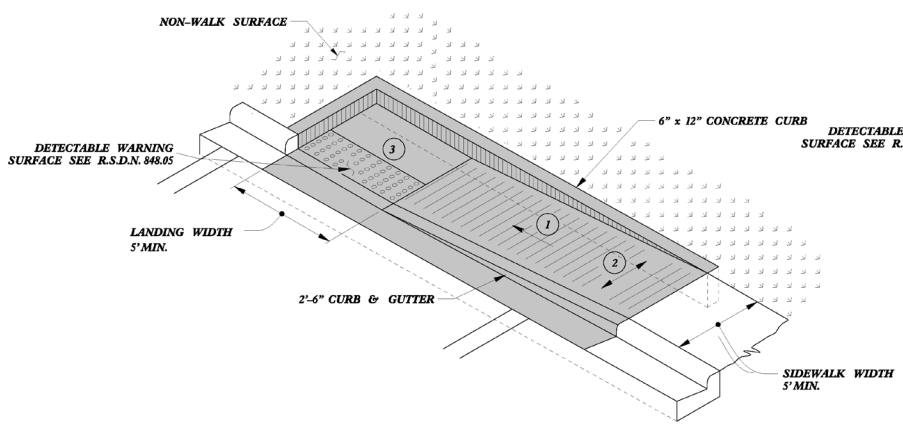
# TIP: R-5782PA

## Curb Ramp Improvement Project

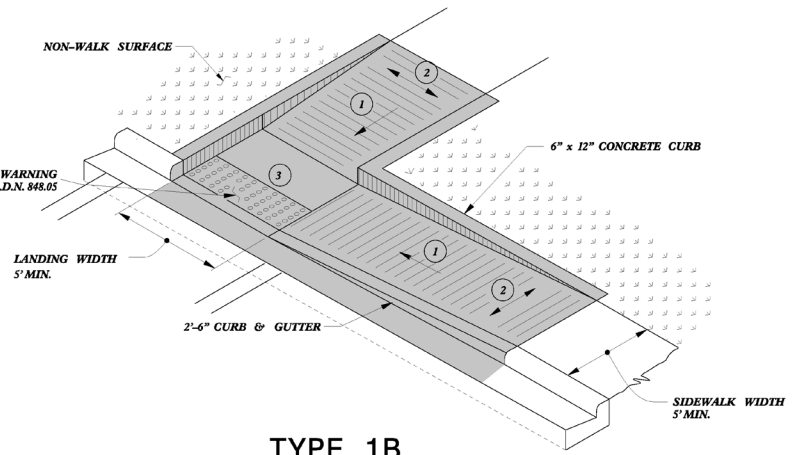
Vanceboro, Bridgeton, Grantsboro, Bayboro, Oriental

Heather Lane, PE  
Contract: DB00562  
WBS: 44912.3.22

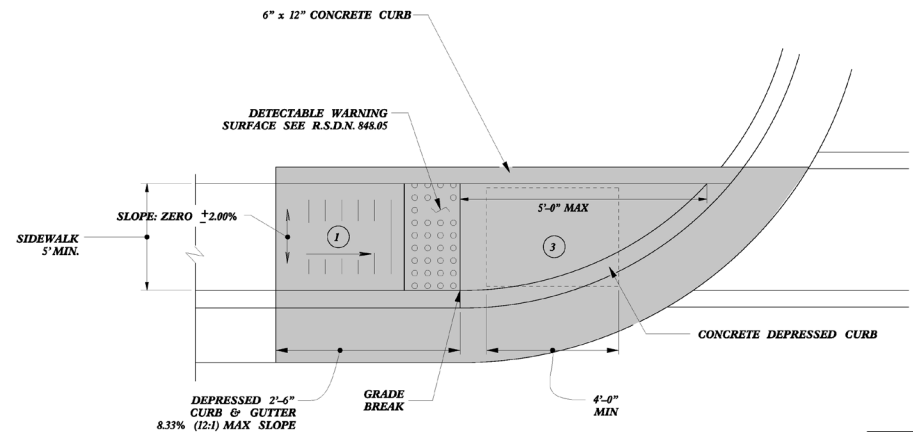
2023



TYPE 1A



TYPE 1B



TYPE 1

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.

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

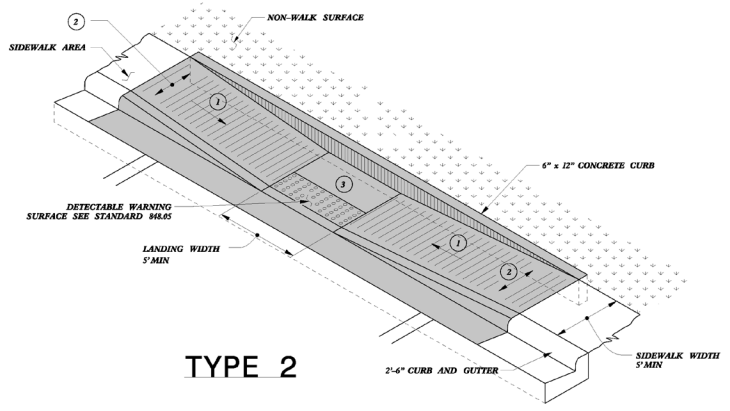


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

**CURB RAMPS**  
Directional Ramps

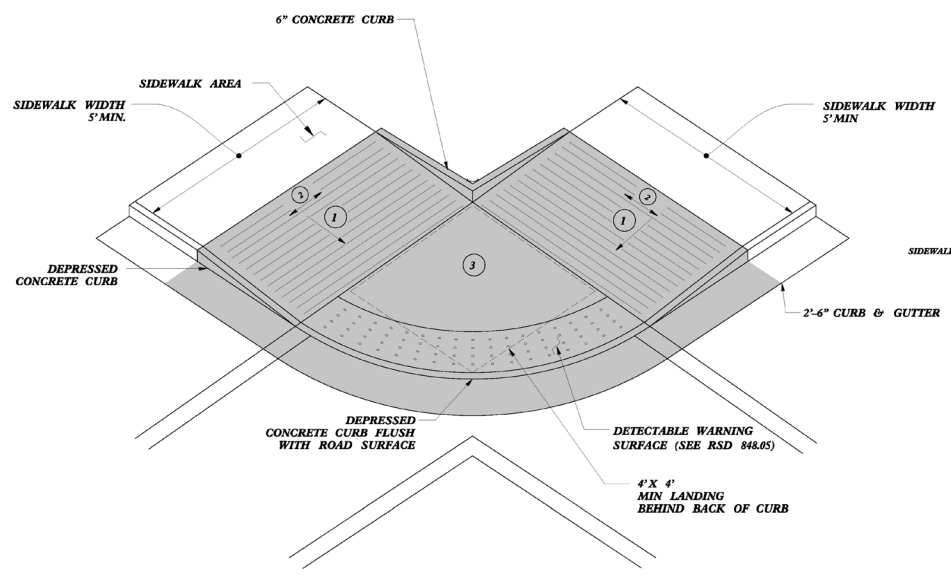
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 MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn



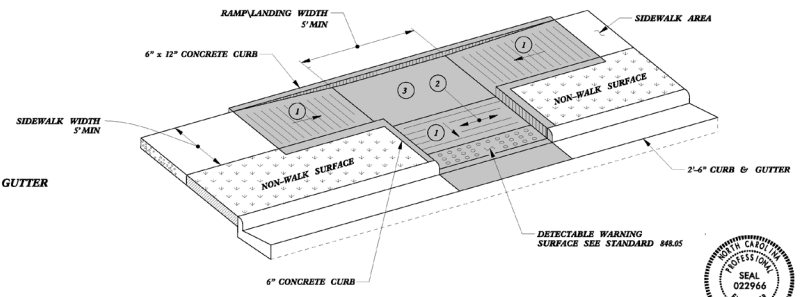
**TYPE 2**

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

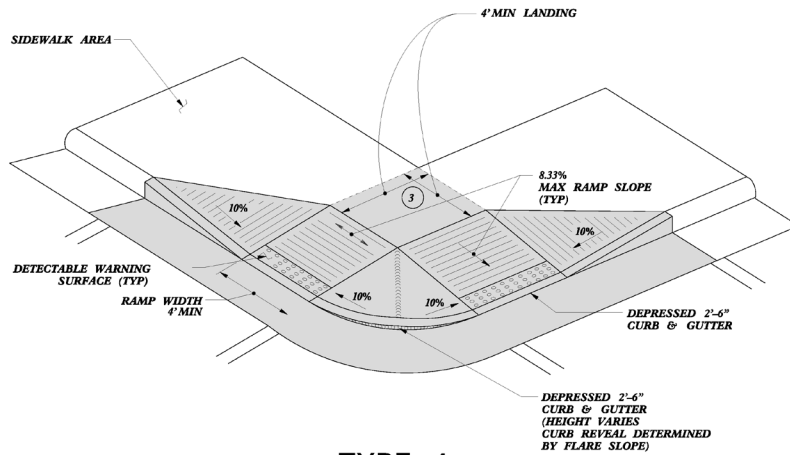
**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-5850 FAX 919-250-4119

**CURB RAMPS**  
Parallel Ramps

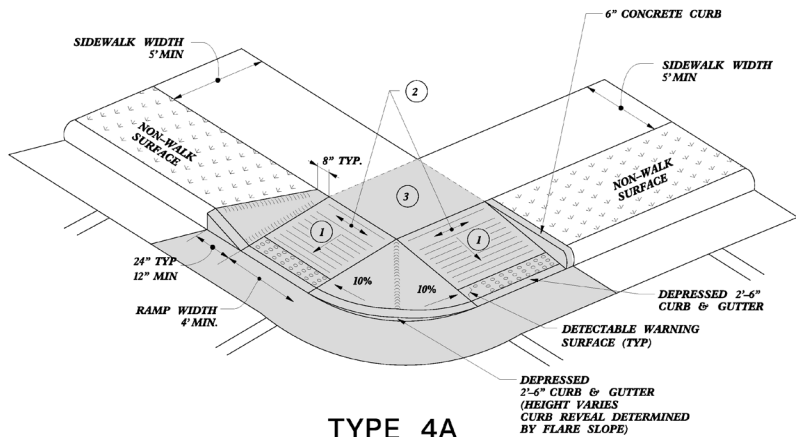
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MODIFIED BY: DATE:  
CHECKED BY: DATE:  
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REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

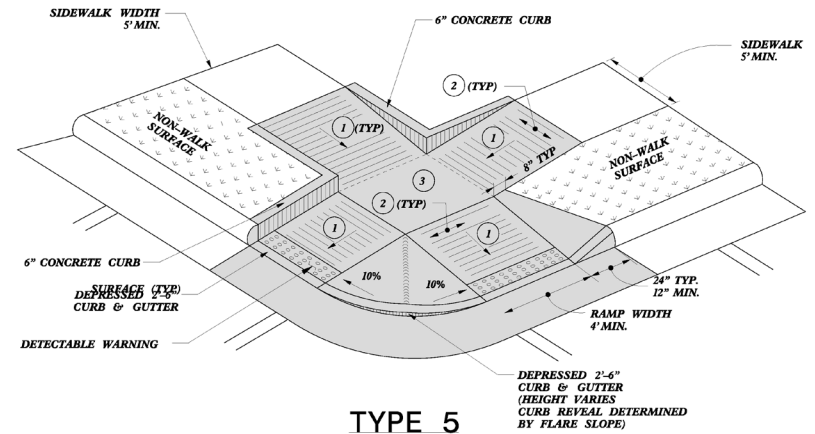
PROJECT REFERENCE NO.	SHEET NO.
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TYPE 4



TYPE 4A



TYPE 5

PAY LIMITS FOR 2 CURB RAMPS

- 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.

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



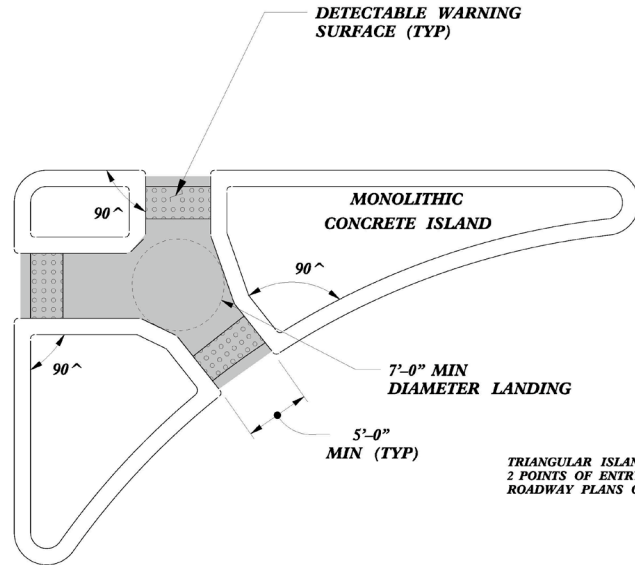
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<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.dwg	

6/12/09

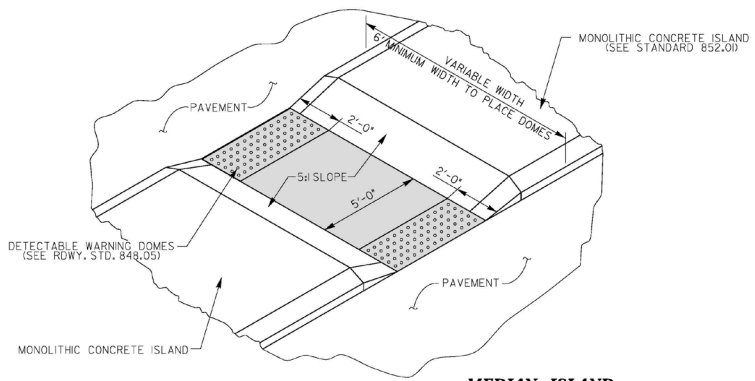
PROJECT REFERENCE NO.	SHEET NO.
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PAY LIMITS FOR 2 OR 3 CURB RAMPS  
(CALCULATE BASED ON NUMBER OF  
SETS OF TRUNCATED DOMES)

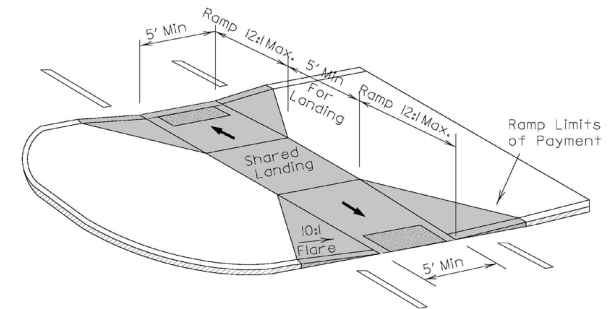


TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY  
2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE  
ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

**TRIANGULAR ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
CURB RAMPS**

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



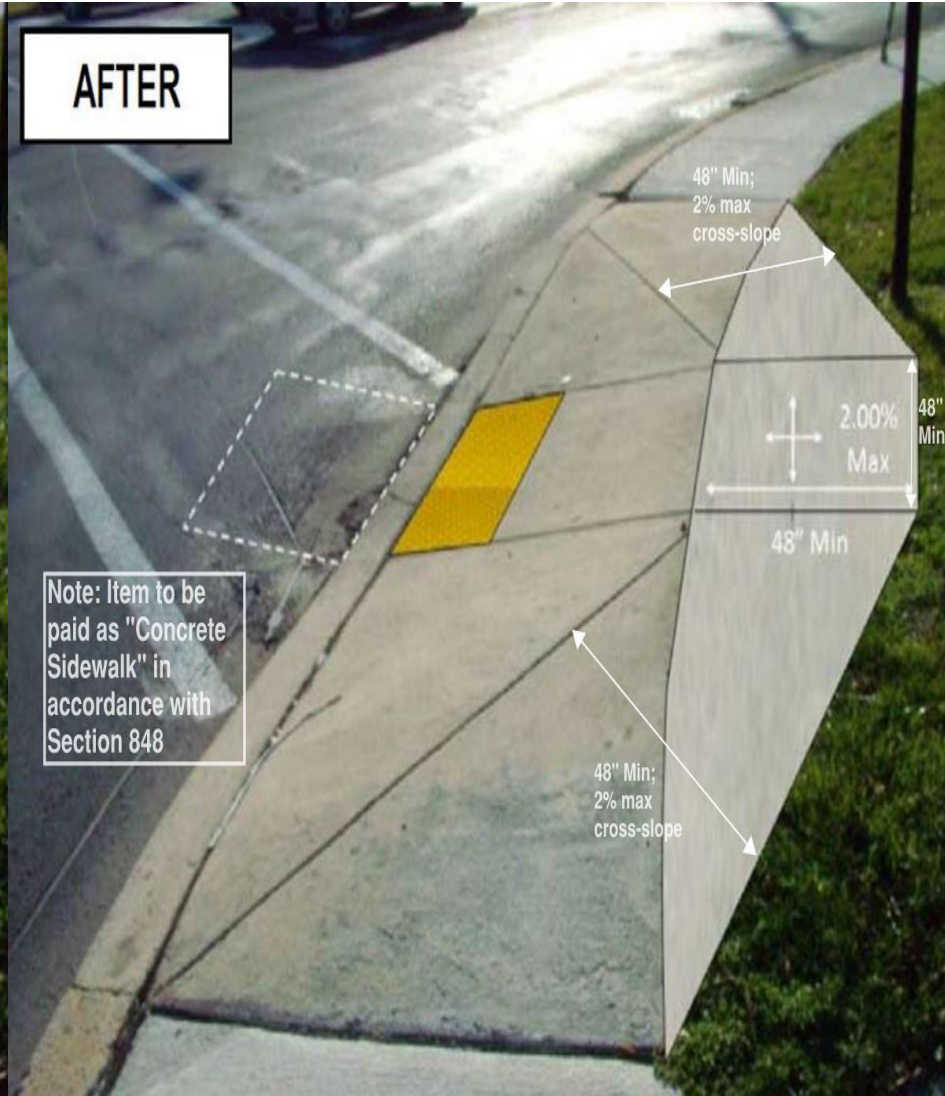
<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
Median or Turn Lane Islands	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: s.tds/2012CurbRamp/CurbRampDetails.dwg	

# Special Detail A

BEFORE



AFTER





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

Vanceboro





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



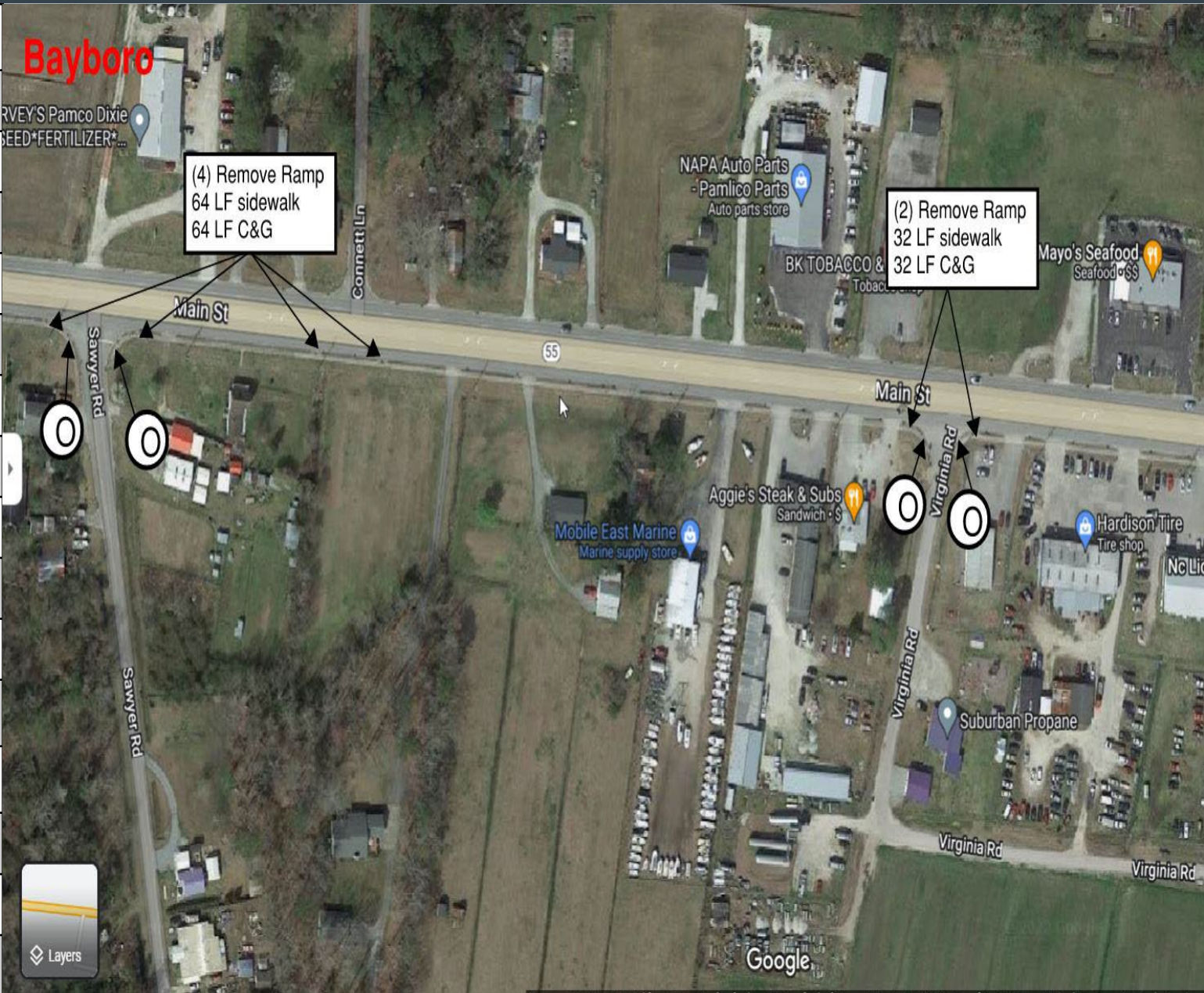
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<b>B</b>	Detectable Warning Domes Only
<b>C</b>	Type 1
<b>D</b>	Type 1A
<b>E</b>	Type 1B
<b>F</b>	Type 2
<b>G</b>	Type 2A
<b>H</b>	Type 3
<b>I</b>	Type 4
<b>J</b>	Type 4A
<b>K</b>	Type 5
<b>L</b>	Median Island curb ramps
<b>M</b>	Median island w/ cut through
<b>N</b>	Triangular island w/ cut through
<b>O</b>	Special Detail A



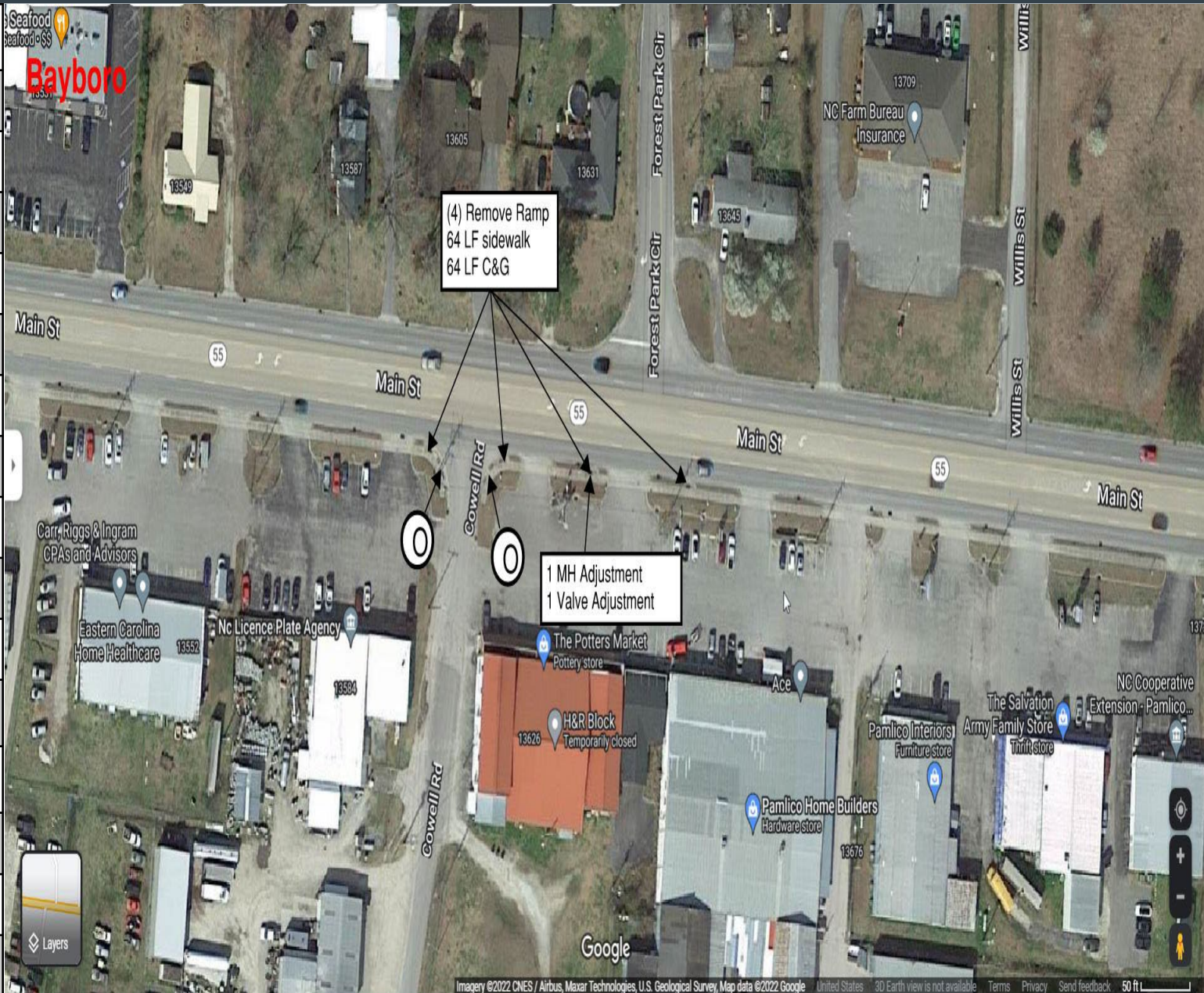
<b>A</b>	Standard 848.06
<b>B</b>	Detectable Warning Domes Only
<b>C</b>	Type 1
<b>D</b>	Type 1A
<b>E</b>	Type 1B
<b>F</b>	Type 2
<b>G</b>	Type 2A
<b>H</b>	Type 3
<b>I</b>	Type 4
<b>J</b>	Type 4A
<b>K</b>	Type 5
<b>L</b>	Median Island curb ramps
<b>M</b>	Median island w/ cut through
<b>N</b>	Triangular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



<b>A</b>	Standard 848.06
<b>B</b>	Detectable Warning Domes Only
<b>C</b>	Type 1
<b>D</b>	Type 1A
<b>E</b>	Type 1B
<b>F</b>	Type 2
<b>G</b>	Type 2A
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<b>I</b>	Type 4
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<b>M</b>	Median island w/ cut through
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<b>A</b>	Standard 848.06
<b>B</b>	Detectable Warning Domes Only
<b>C</b>	Type 1
<b>D</b>	Type 1A
<b>E</b>	Type 1B
<b>F</b>	Type 2
<b>G</b>	Type 2A
<b>H</b>	Type 3
<b>I</b>	Type 4
<b>J</b>	Type 4A
<b>K</b>	Type 5
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<b>A</b>	Standard 848.06
<b>B</b>	Detectable Warning Domes Only
<b>C</b>	Type 1
<b>D</b>	Type 1A
<b>E</b>	Type 1B
<b>F</b>	Type 2
<b>G</b>	Type 2A
<b>H</b>	Type 3
<b>I</b>	Type 4
<b>J</b>	Type 4A
<b>K</b>	Type 5
<b>L</b>	Median Island curb ramps
<b>M</b>	Median island w/ cut through
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<b>A</b>	Standard 848.06
<b>B</b>	Detectable Warning Domes Only
<b>C</b>	Type 1
<b>D</b>	Type 1A
<b>E</b>	Type 1B
<b>F</b>	Type 2
<b>G</b>	Type 2A
<b>H</b>	Type 3
<b>I</b>	Type 4
<b>J</b>	Type 4A
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<b>A</b>	Standard 848.06
<b>B</b>	Detectable Warning Domes Only
<b>C</b>	Type 1
<b>D</b>	Type 1A
<b>E</b>	Type 1B
<b>F</b>	Type 2
<b>G</b>	Type 2A
<b>H</b>	Type 3
<b>I</b>	Type 4
<b>J</b>	Type 4A (1) Remove Ramp 16 LF sidewalk 16 LF C&G
<b>K</b>	Type 5
<b>L</b>	Median Island curb ramps
<b>M</b>	Median island w/ cut through
<b>N</b>	Triangular island w/ cut through
<b>O</b>	Special Detail A

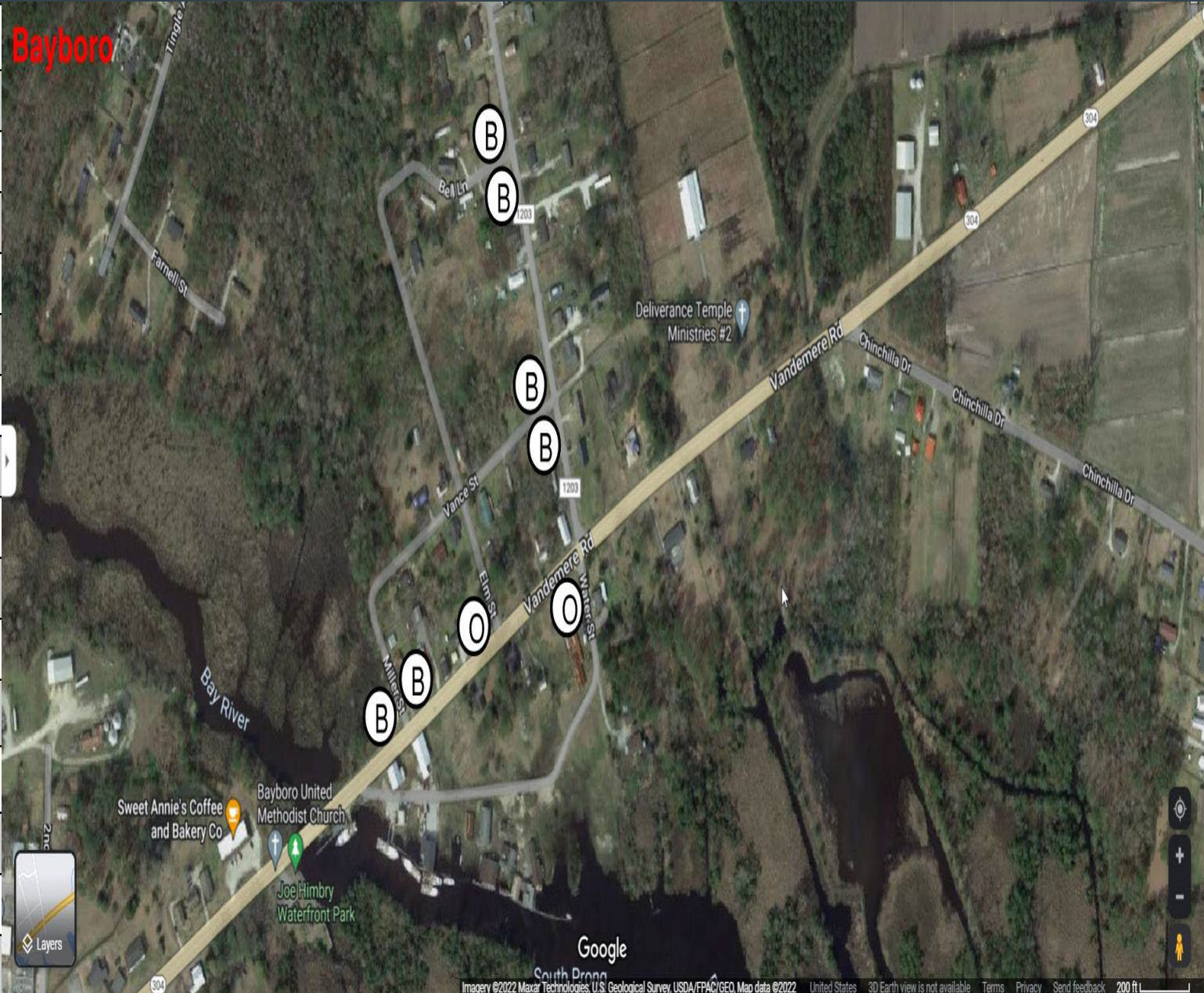




<b>A</b>	Standard 848.06
<b>B</b>	Detectable Warning Domes Only
<b>C</b>	Type 1
<b>D</b>	Type 1A
<b>E</b>	Type 1B
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<b>A</b>	Standard 848.06
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<b>C</b>	Type 1
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