



NORTH CAROLINA
Department of Transportation



R-5782H Side Walk Ramps Project

William Kincannon PE

2017

Town of Havelock

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓖ
I	Type 4	Ⓖ
J	Type 4A	Ⓖ
K	Type 5	Ⓖ
L	Median Island curb ramps	Ⓖ
M	Median island with Cut through	Ⓖ
N	Triangular island with Cut through	Ⓖ
O	Special Detail A	Ⓖ
P	Special Detail B	Ⓖ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ





NORTH CAROLINA
Department of Transportation



R-5782I Side Walk Ramps Project

William Kincannon PE

2017

Town of Havelock

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

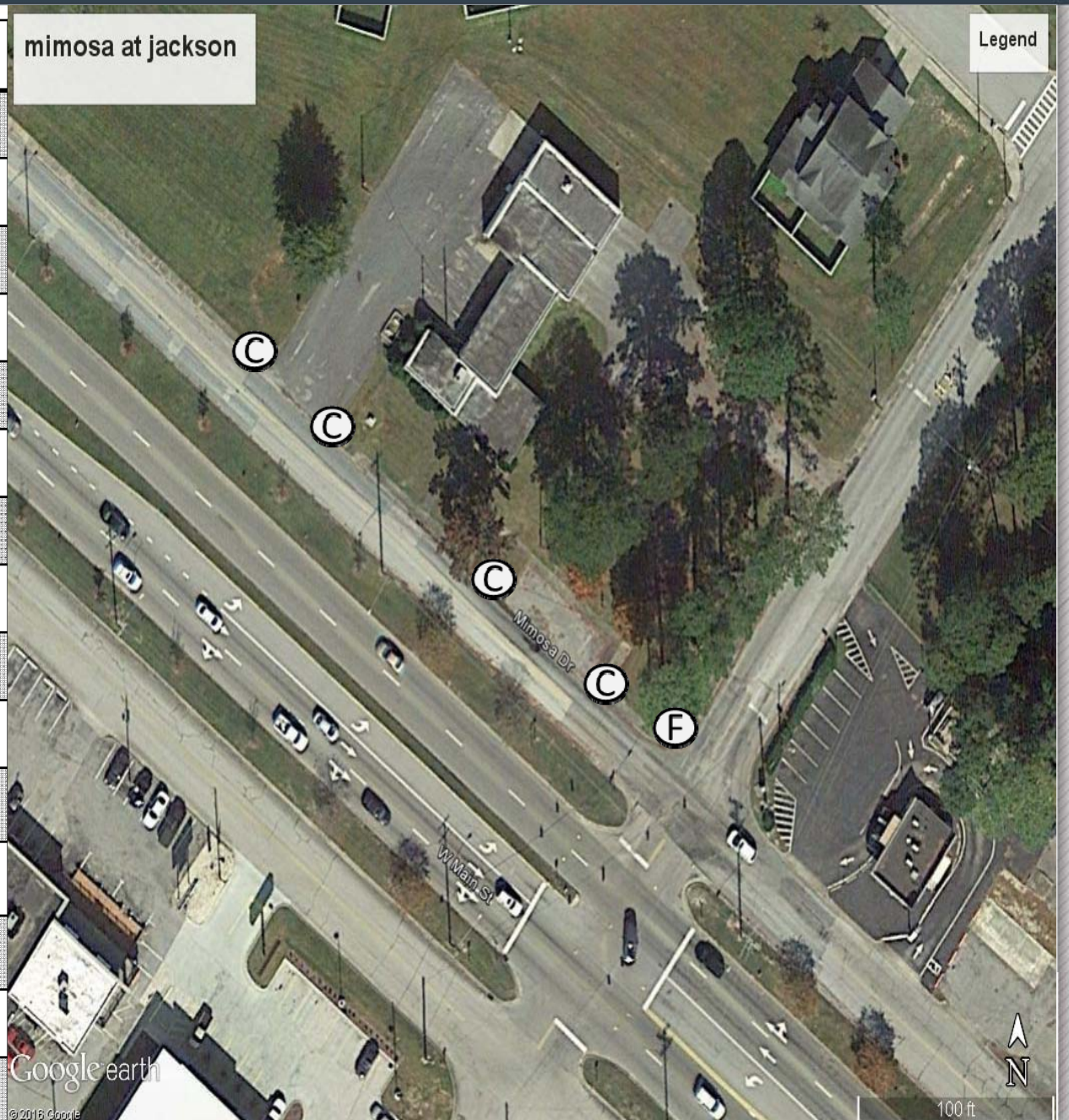


Cunningham Blvd at Hatteras Ave

Legend

200 ft

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
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E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

carlot near wendy's



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
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H	Type 3	Ⓗ
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J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
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L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

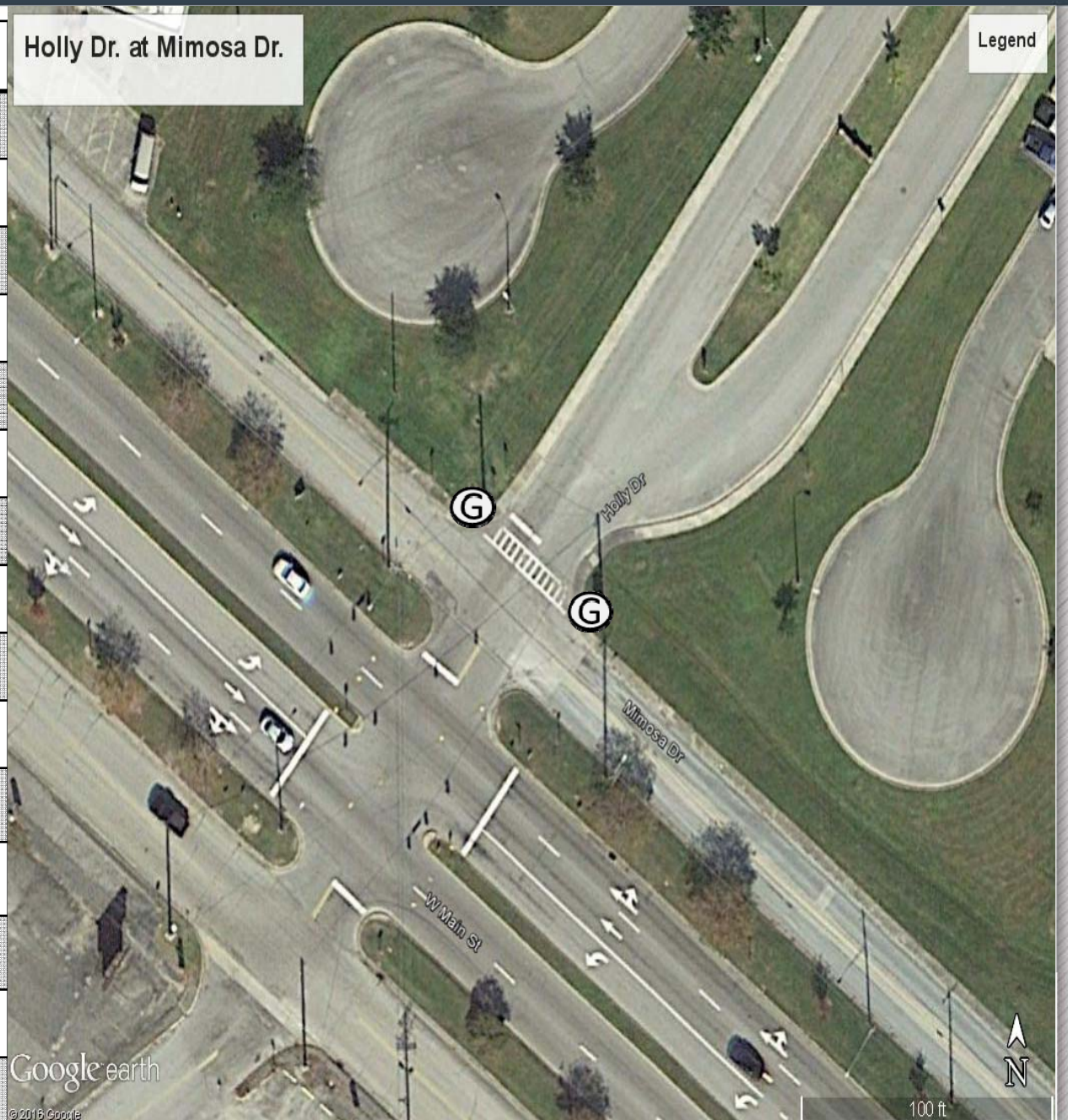
Quick Cash driveways



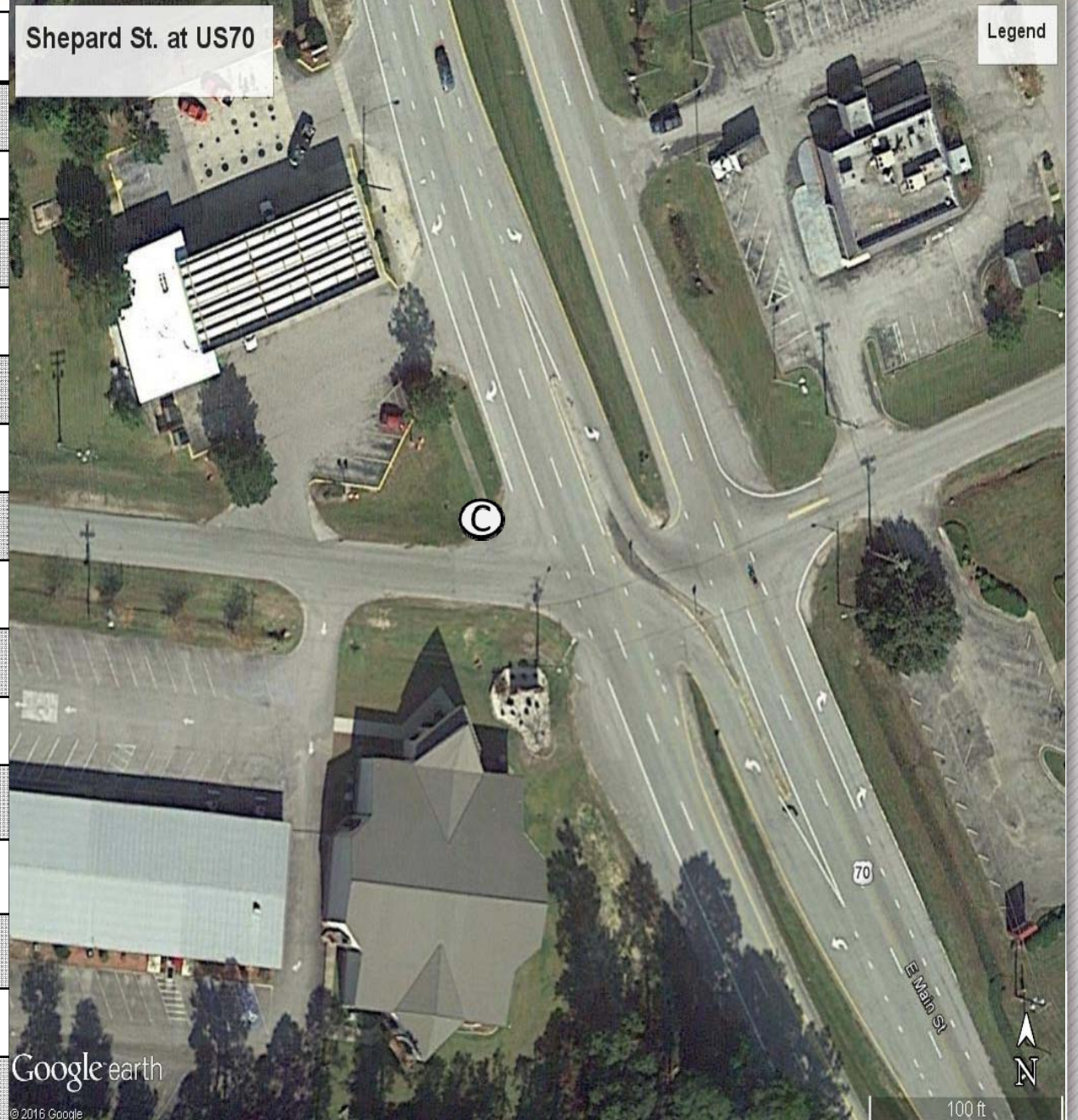
A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓖ
I	Type 4	Ⓖ
J	Type 4A	Ⓖ
K	Type 5	Ⓖ
L	Median Island curb ramps	Ⓖ
M	Median island with Cut through	Ⓖ
N	Triangular island with Cut through	Ⓖ
O	Special Detail A	Ⓖ
P	Special Detail B	Ⓖ

Holly Dr. at Mimosa Dr.

Legend



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
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J	Type 4A	Ⓙ
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O	Special Detail A	Ⓞ
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J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

Vine St. at US70

Legend

Google earth

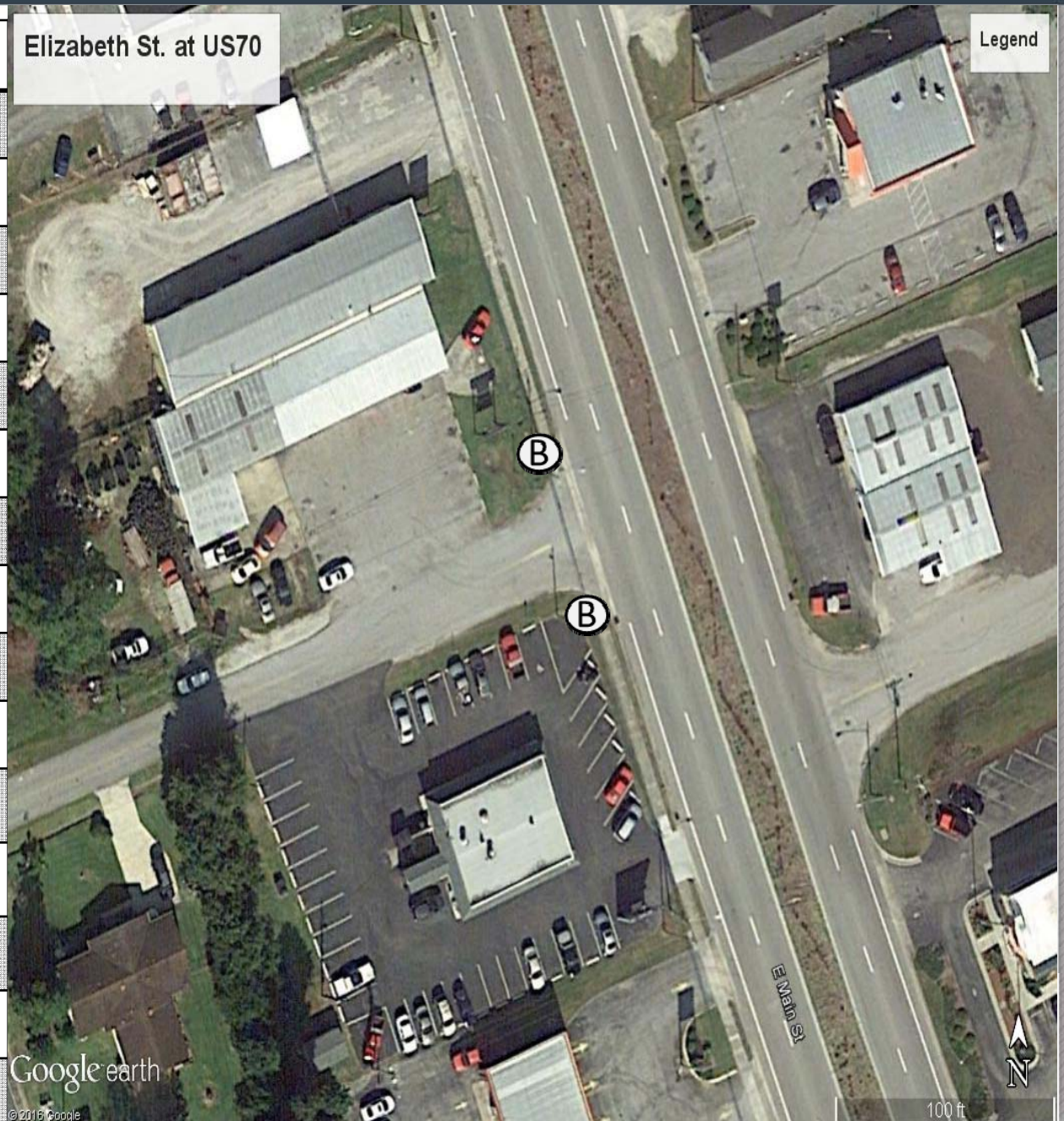
© 2016 Google

100 ft



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	⓵
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

Elizabeth St. at US70

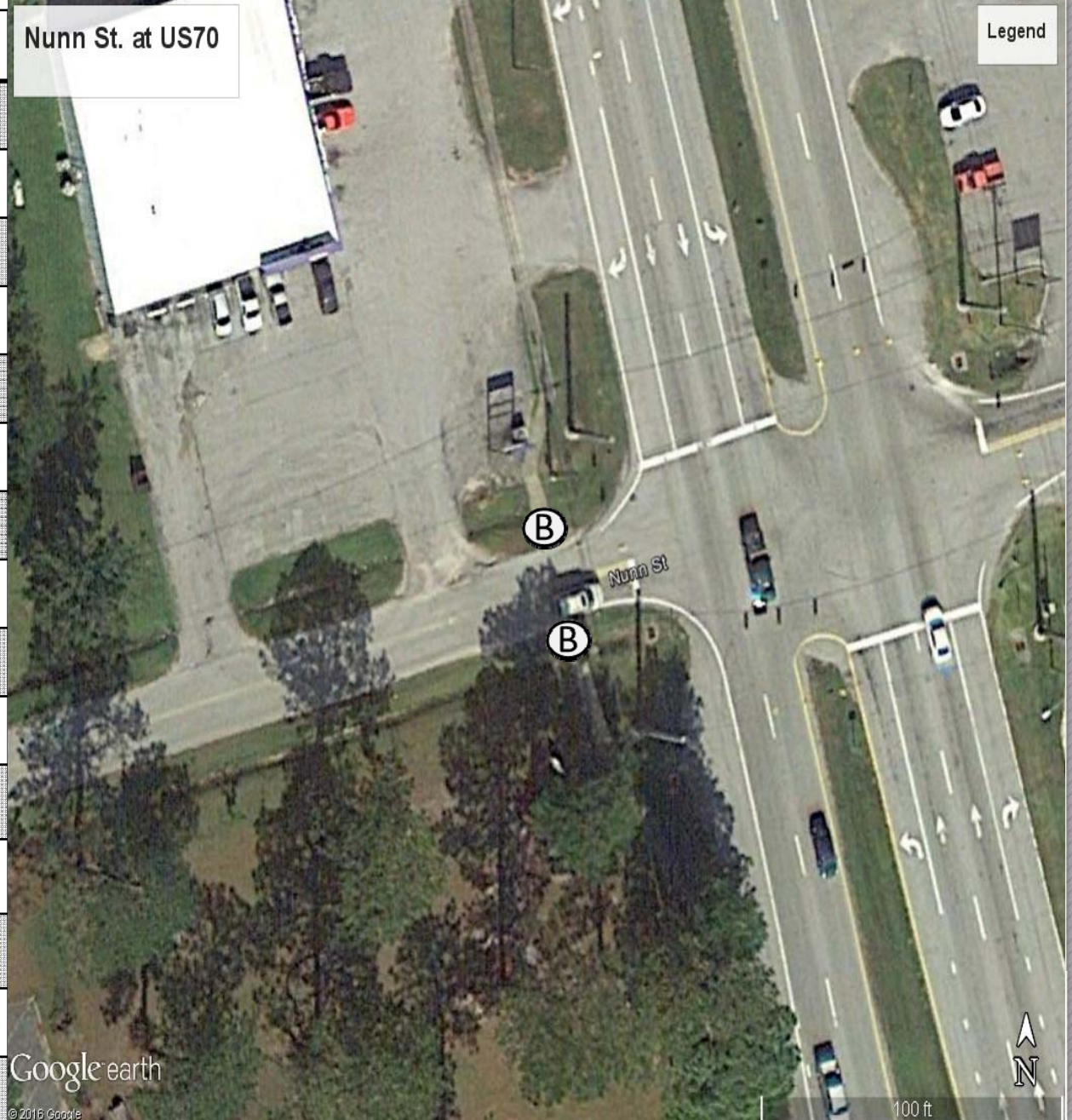


Google earth

© 2016 Google

100 ft

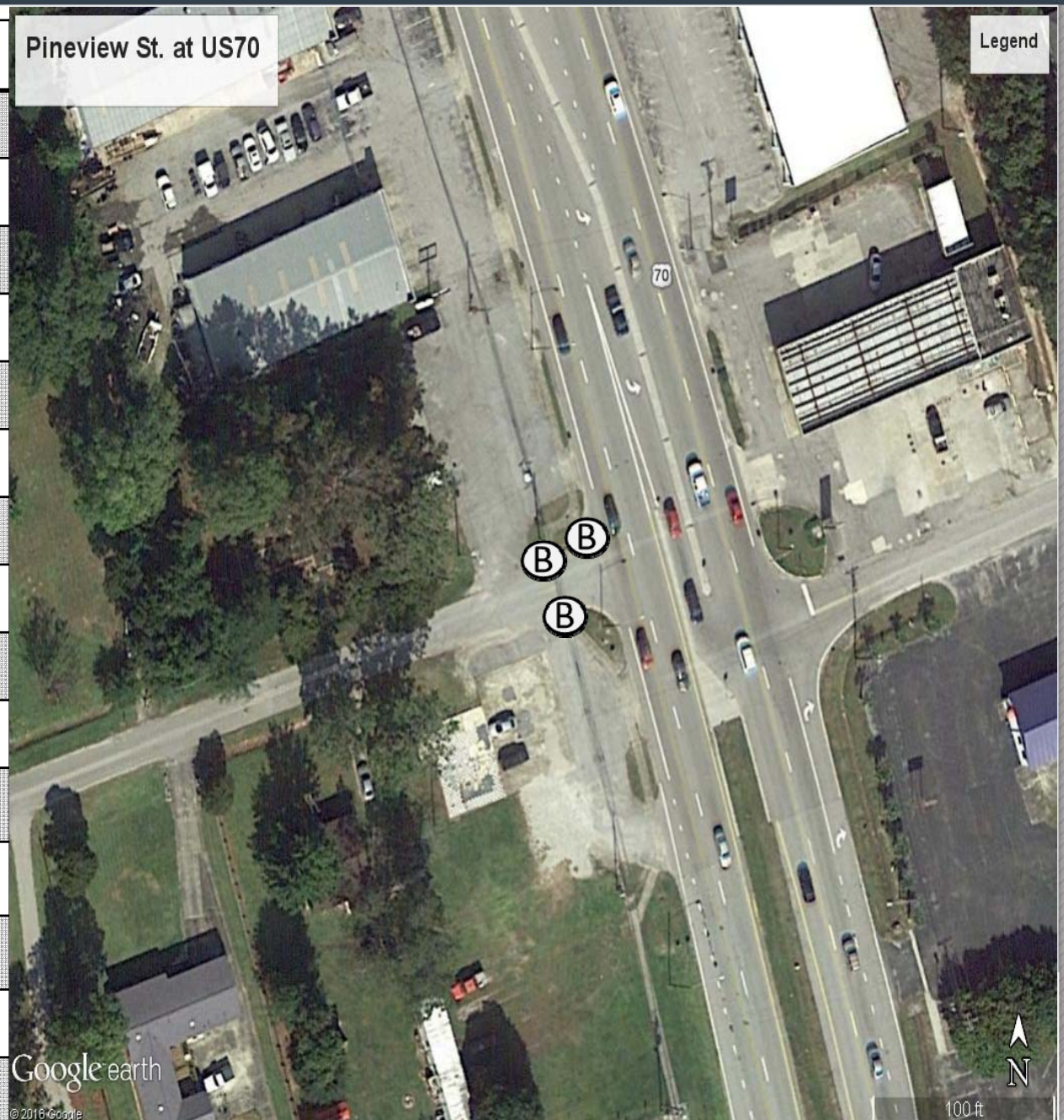
A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
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I	Type 4	Ⓘ
J	Type 4A	⓵
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
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O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
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G	Type 2A	Ⓖ
H	Type 3	Ⓗ
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J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



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E	Type 1B	Ⓔ
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G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
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O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	⓵
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ





NORTH CAROLINA
Department of Transportation



R-5782J Side Walk Ramps Project

William Kincannon PE

2017

Town of Newport

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	⓵
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	⓵
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

Howard Blvd. at Mason Ln.

Write a description for your map.

Legend

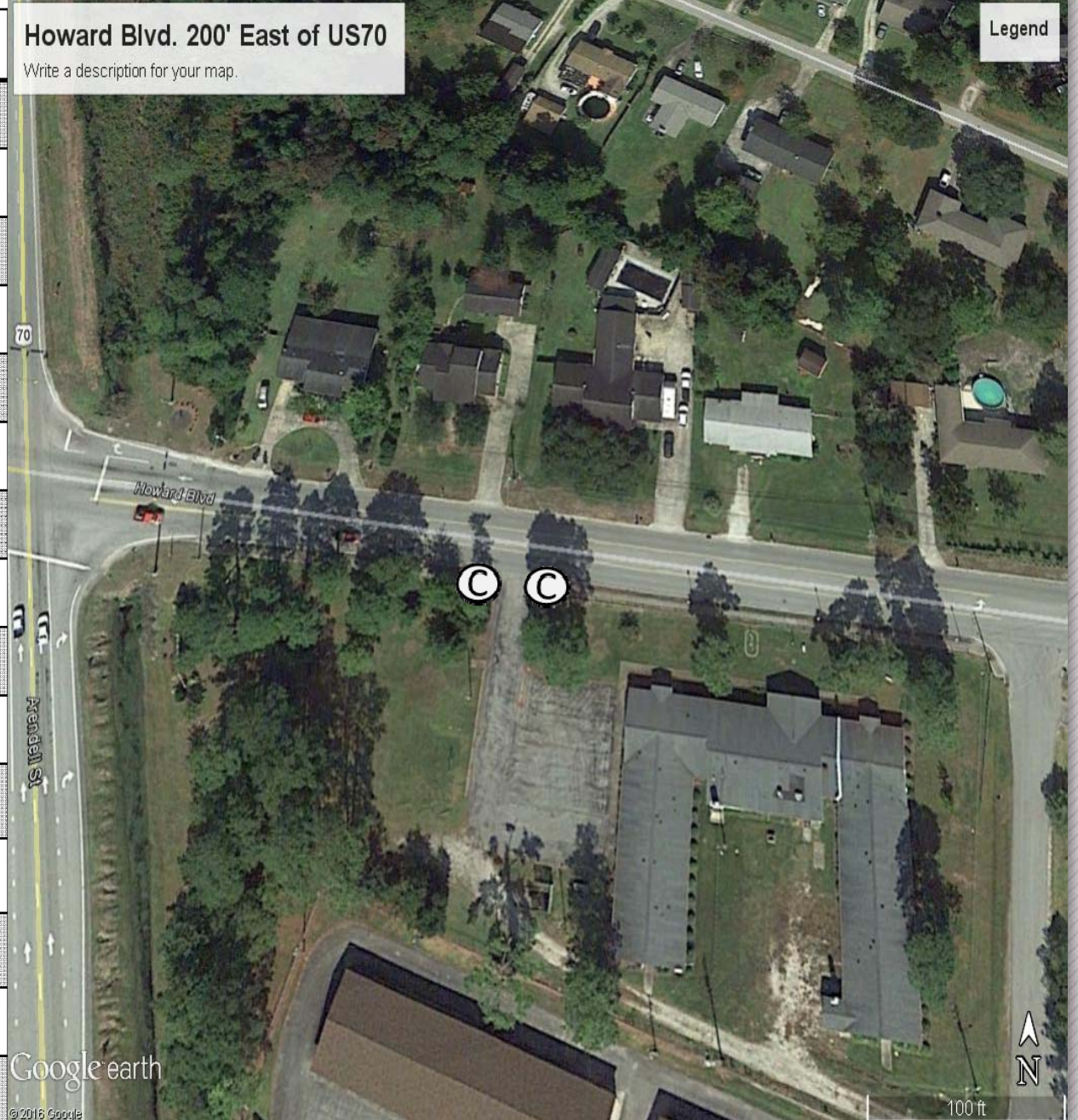


Google earth

© 2016 Google

100 ft

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
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H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

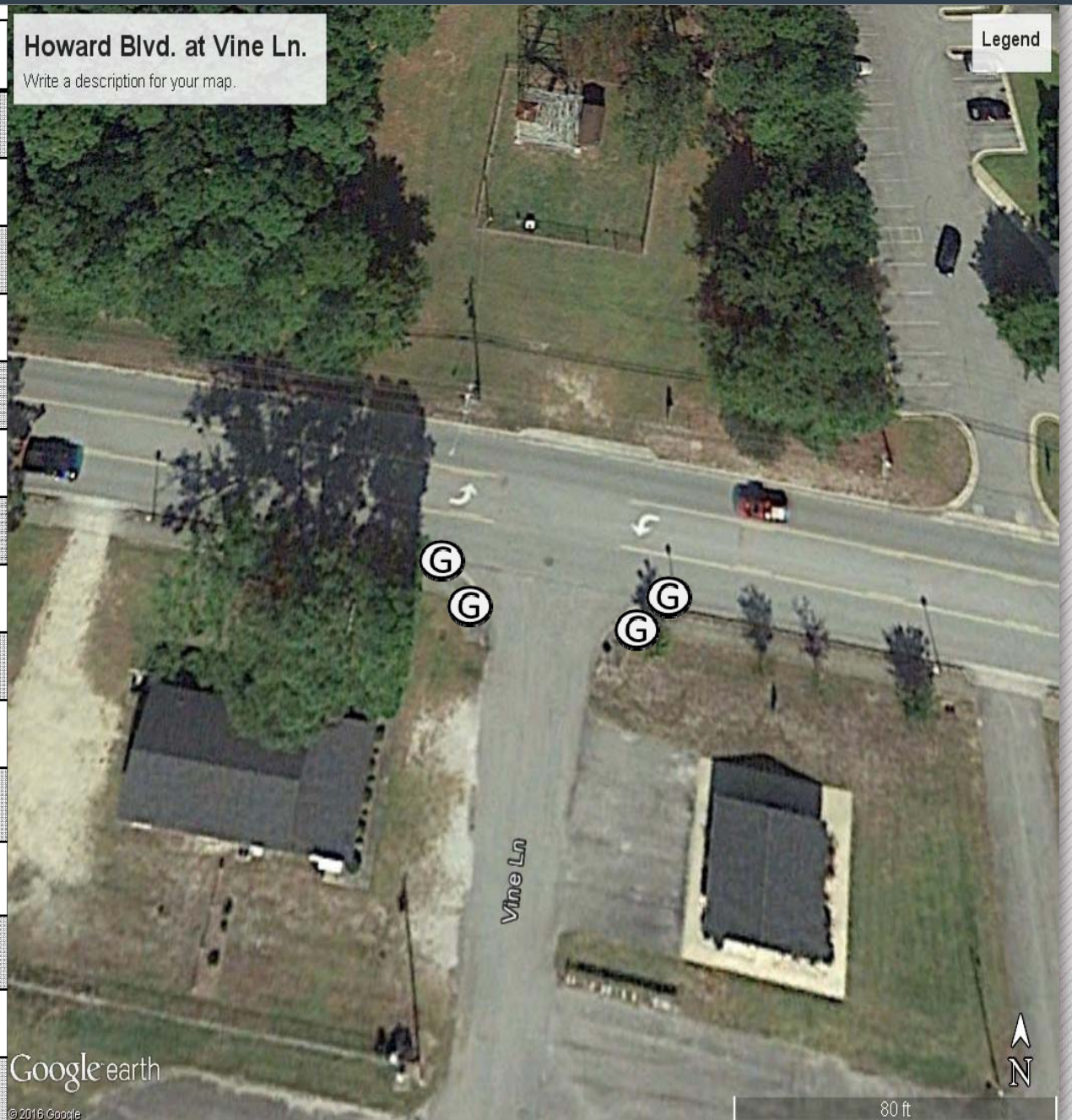


A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

Howard Blvd. at Vine Ln.

Write a description for your map.

Legend



Google earth

© 2016 Google

80 ft

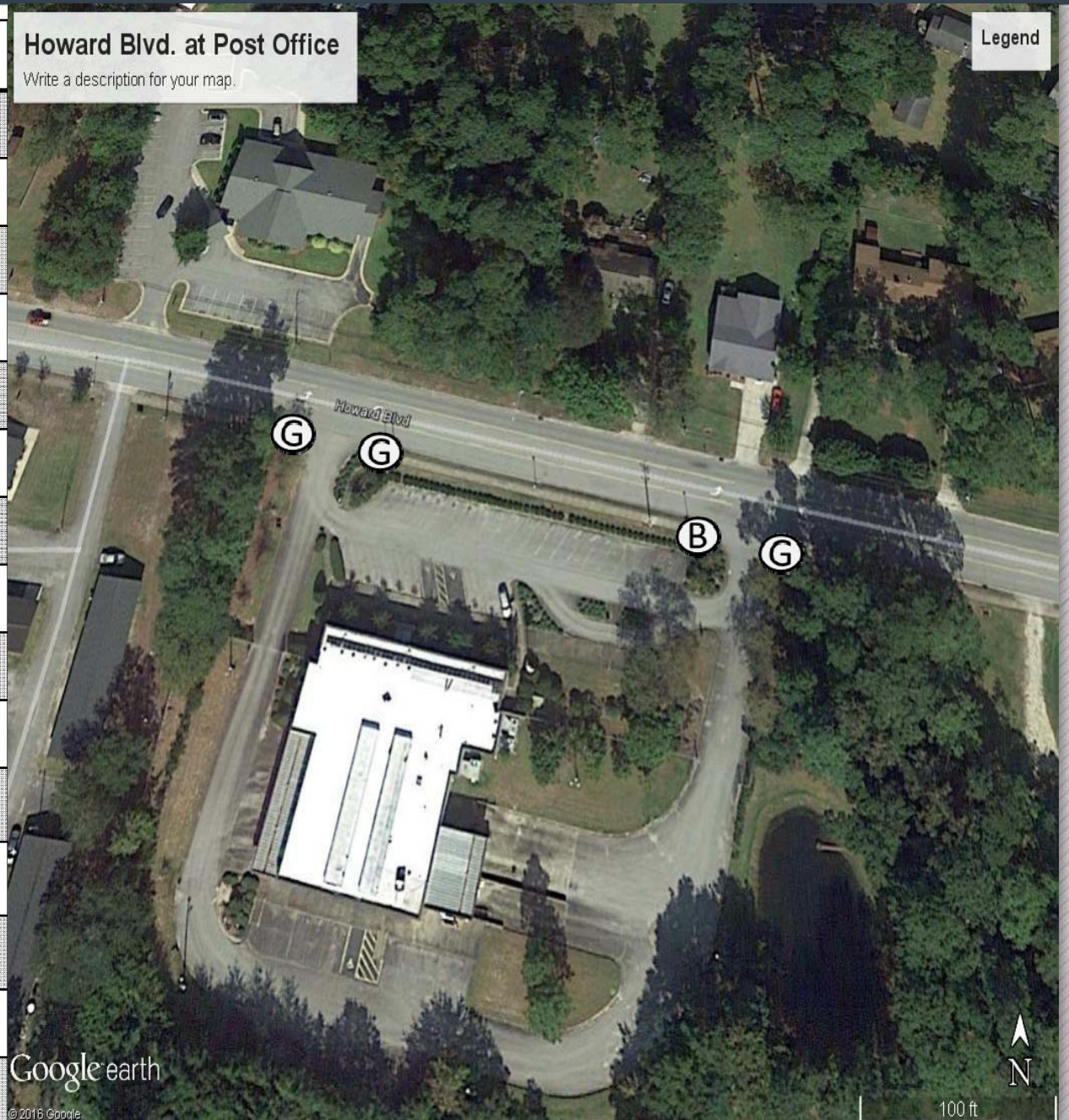
A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	⓵
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓖ
I	Type 4	Ⓖ
J	Type 4A	Ⓖ
K	Type 5	Ⓖ
L	Median Island curb ramps	Ⓖ
M	Median island with Cut through	Ⓖ
N	Triangular island with Cut through	Ⓖ
O	Special Detail A	Ⓖ
P	Special Detail B	Ⓖ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓖ
I	Type 4	Ⓖ
J	Type 4A	Ⓖ
K	Type 5	Ⓖ
L	Median Island curb ramps	Ⓖ
M	Median island with Cut through	Ⓖ
N	Triangular island with Cut through	Ⓖ
O	Special Detail A	Ⓖ
P	Special Detail B	Ⓖ



A	Standard Wheelchair Ramp 848.05	Ⓐ
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O	Special Detail A	Ⓞ
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H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
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M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

Howard Blvd. at South Park Ln.

Write a description for your map.

Legend



Google earth

© 2016 Google

100 ft

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	⓵
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

Howard Blvd. at West RR Blvd.

Write a description for your map.

Legend



Google earth

© 2016 Google

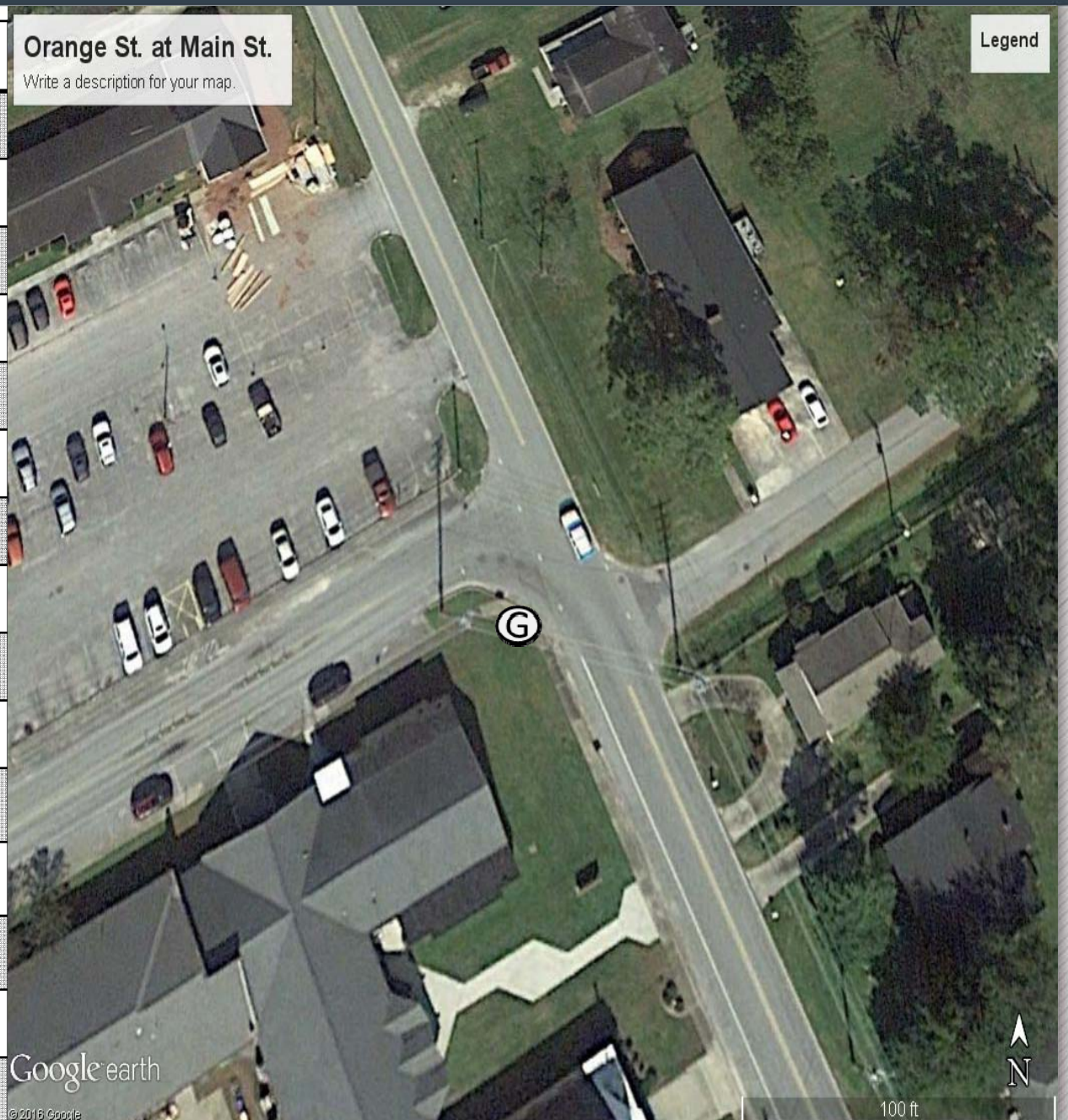
100 ft

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B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
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M	Median island with Cut through	Ⓜ
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P	Special Detail B	Ⓟ

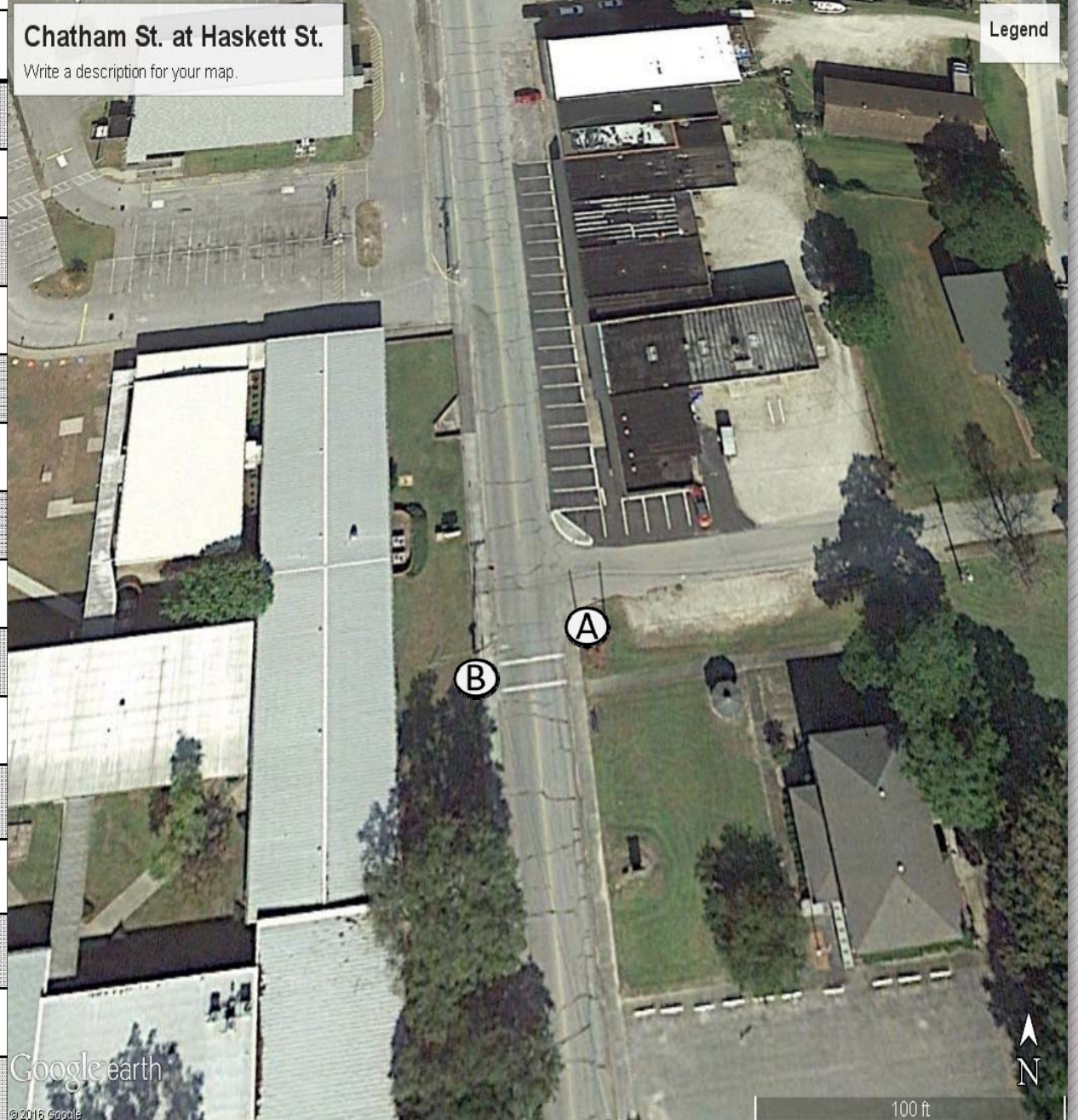
Orange St. at Main St.

Write a description for your map.

Legend



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓣ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ





NORTH CAROLINA
Department of Transportation



R-5782K Side Walk Ramps Project

William Kincannon PE

2017

Town of Beaufort

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
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O	Special Detail A	Ⓖ
P	Special Detail B	Ⓖ

US70 and George St.

Legend

Google earth

© 2016 Google

N

100 ft

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
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G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

US70 and First St.

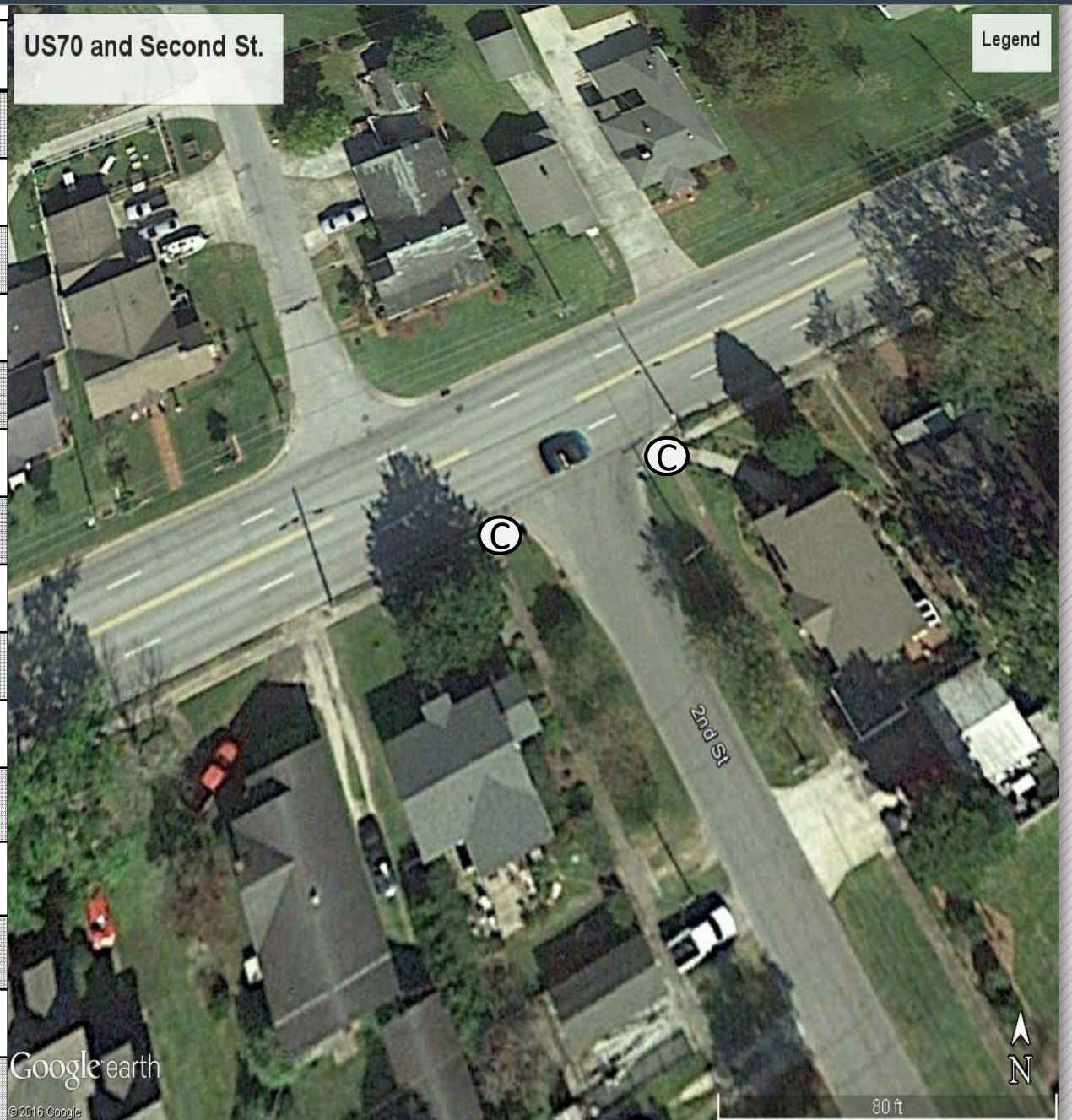
Legend



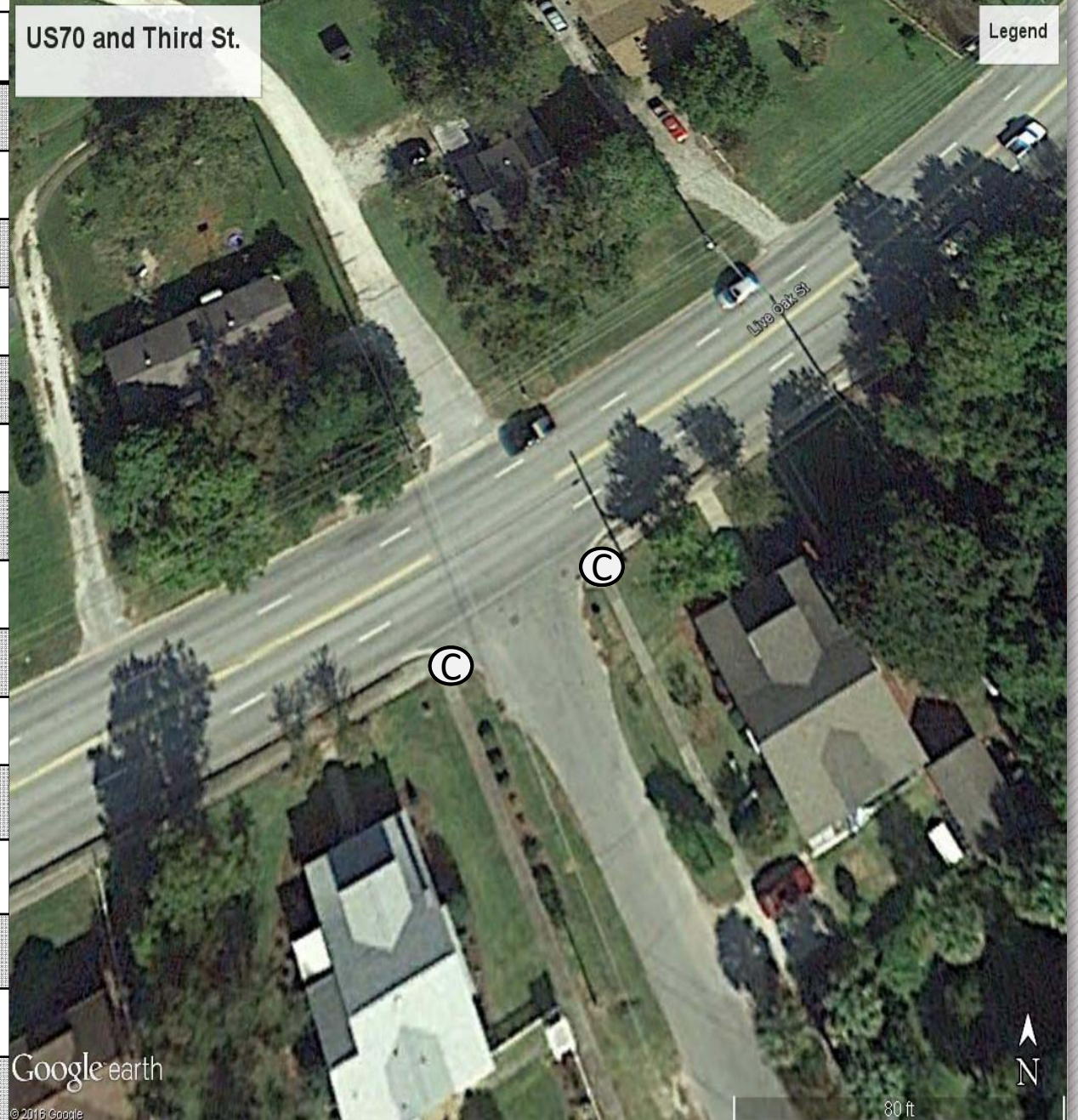
A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

US70 and Second St.

Legend



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓣ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

US70 and Marsh St.



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓖ
I	Type 4	Ⓖ
J	Type 4A	Ⓖ
K	Type 5	Ⓖ
L	Median Island curb ramps	Ⓖ
M	Median island with Cut through	Ⓖ
N	Triangular island with Cut through	Ⓖ
O	Special Detail A	Ⓖ
P	Special Detail B	Ⓖ



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

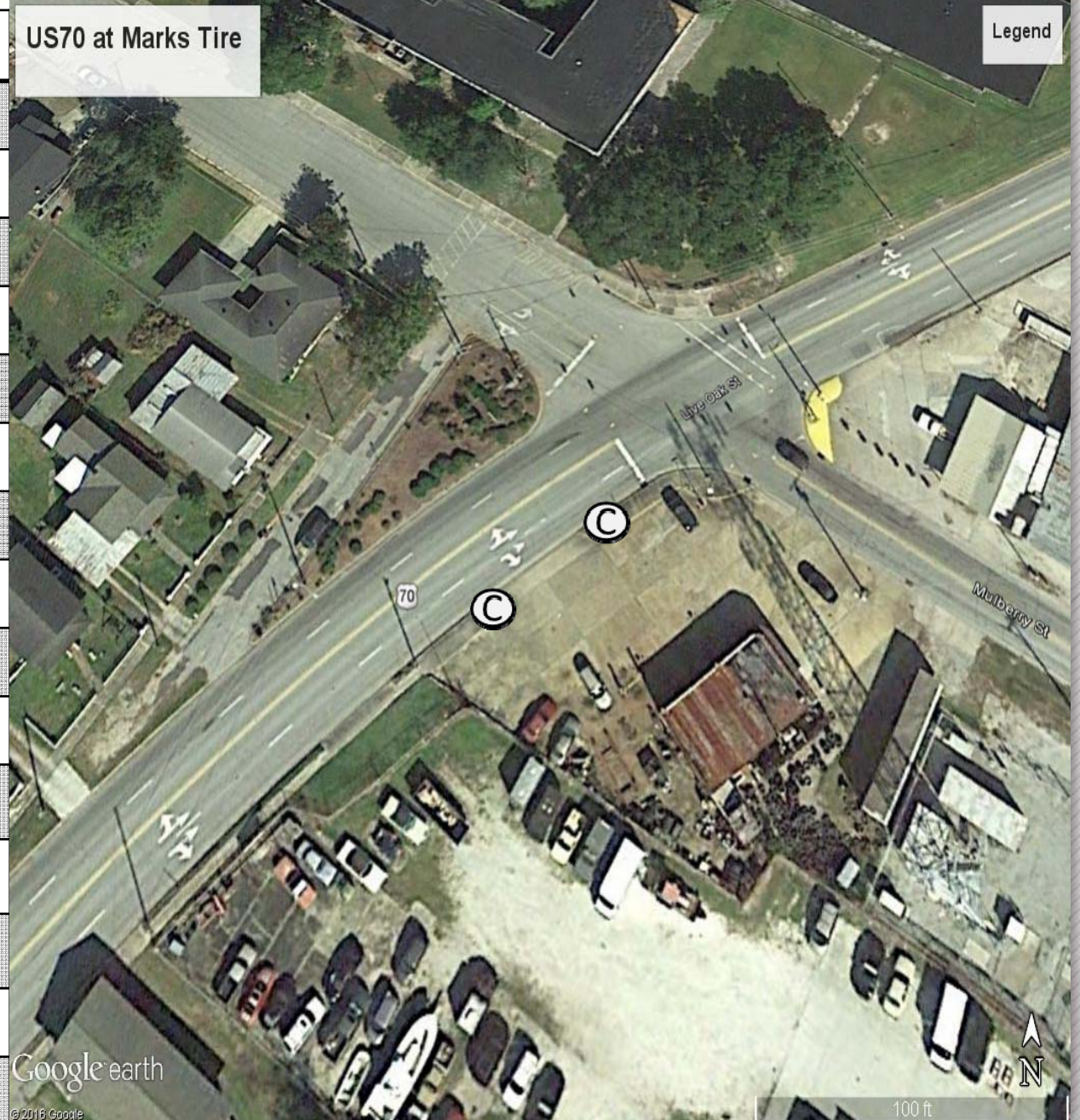


A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ

US70 at Mulberry and Lennoxville.



A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	Ⓙ
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ





NORTH CAROLINA
Department of Transportation



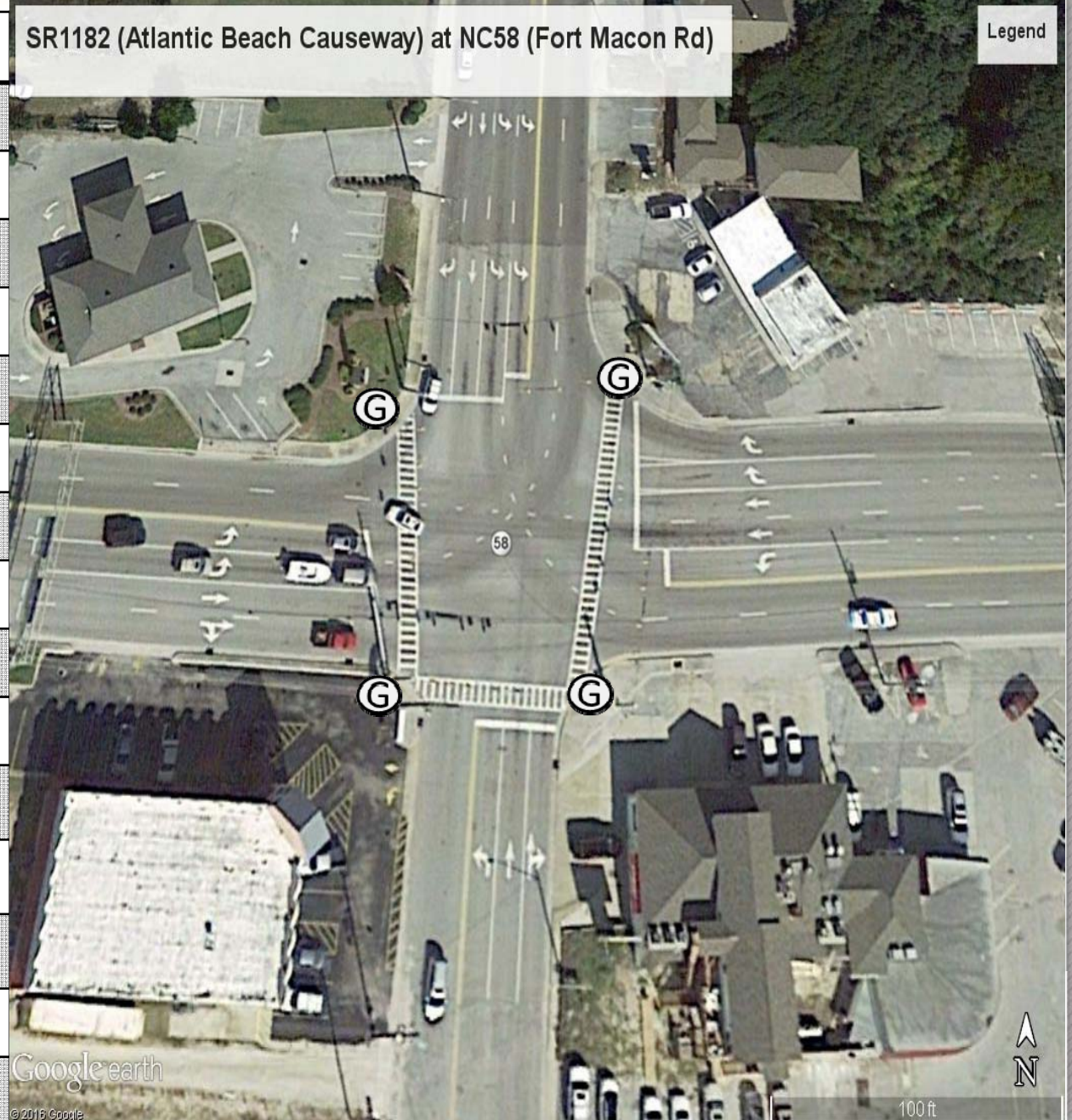
R-5782L Side Walk Ramps Project

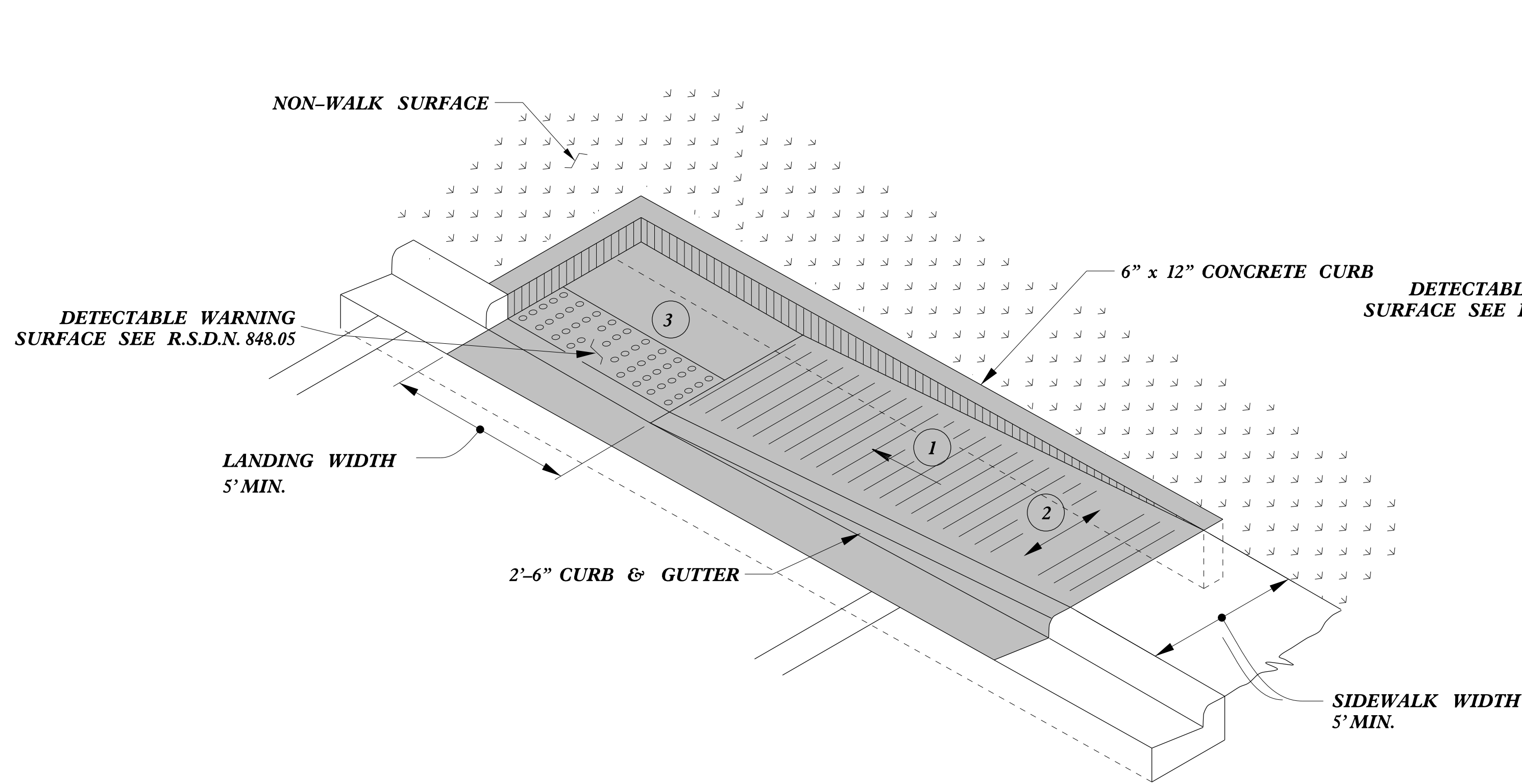
William Kincannon PE

2017

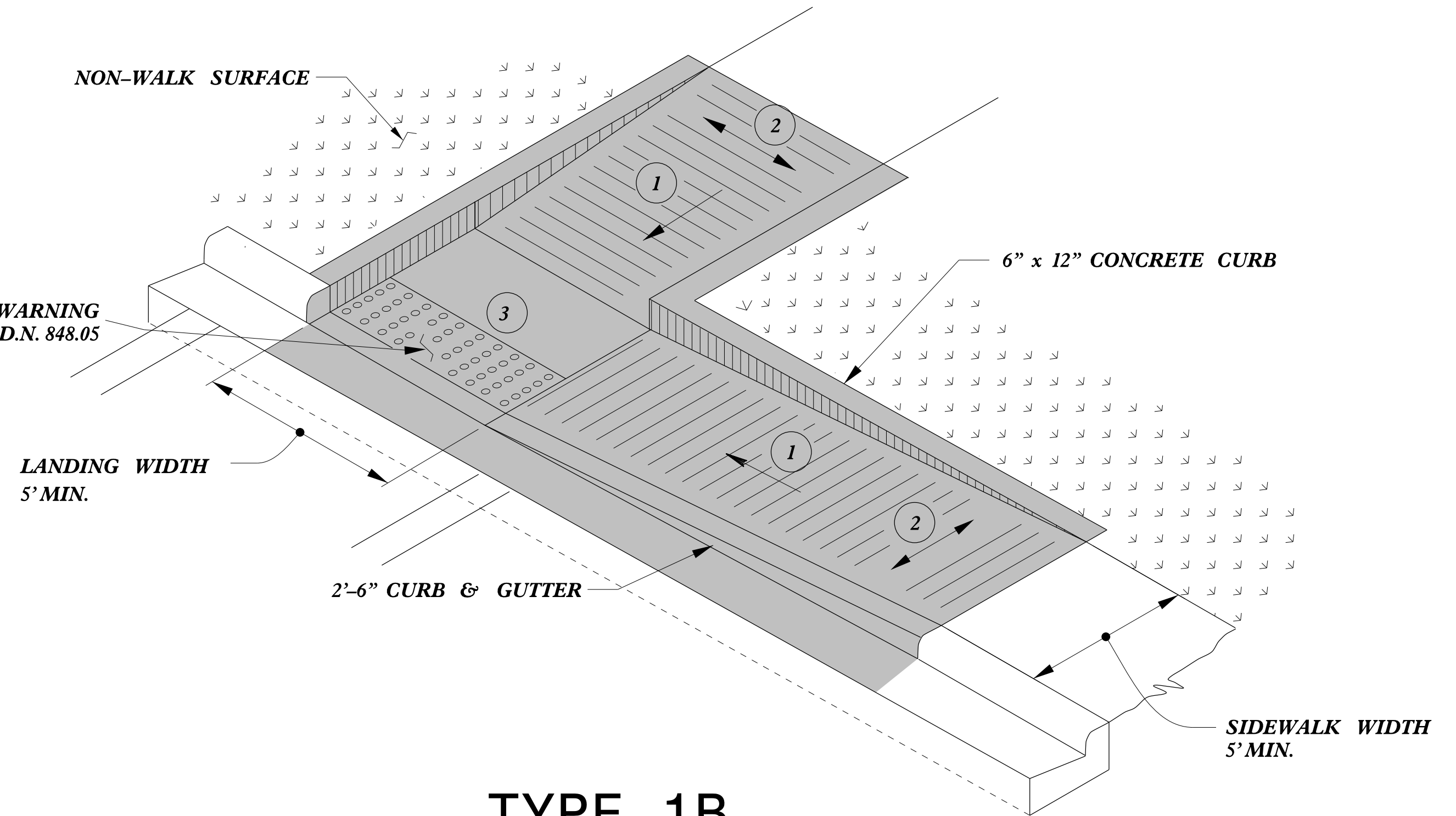
Town of Atlantic Beach

A	Standard Wheelchair Ramp 848.05	Ⓐ
B	Detectable Warning Domes Only	Ⓑ
C	Type 1	Ⓒ
D	Type 1A	Ⓓ
E	Type 1B	Ⓔ
F	Type 2	Ⓕ
G	Type 2A	Ⓖ
H	Type 3	Ⓗ
I	Type 4	Ⓘ
J	Type 4A	⓵
K	Type 5	Ⓚ
L	Median Island curb ramps	Ⓛ
M	Median island with Cut through	Ⓜ
N	Triangular island with Cut through	Ⓝ
O	Special Detail A	Ⓞ
P	Special Detail B	Ⓟ





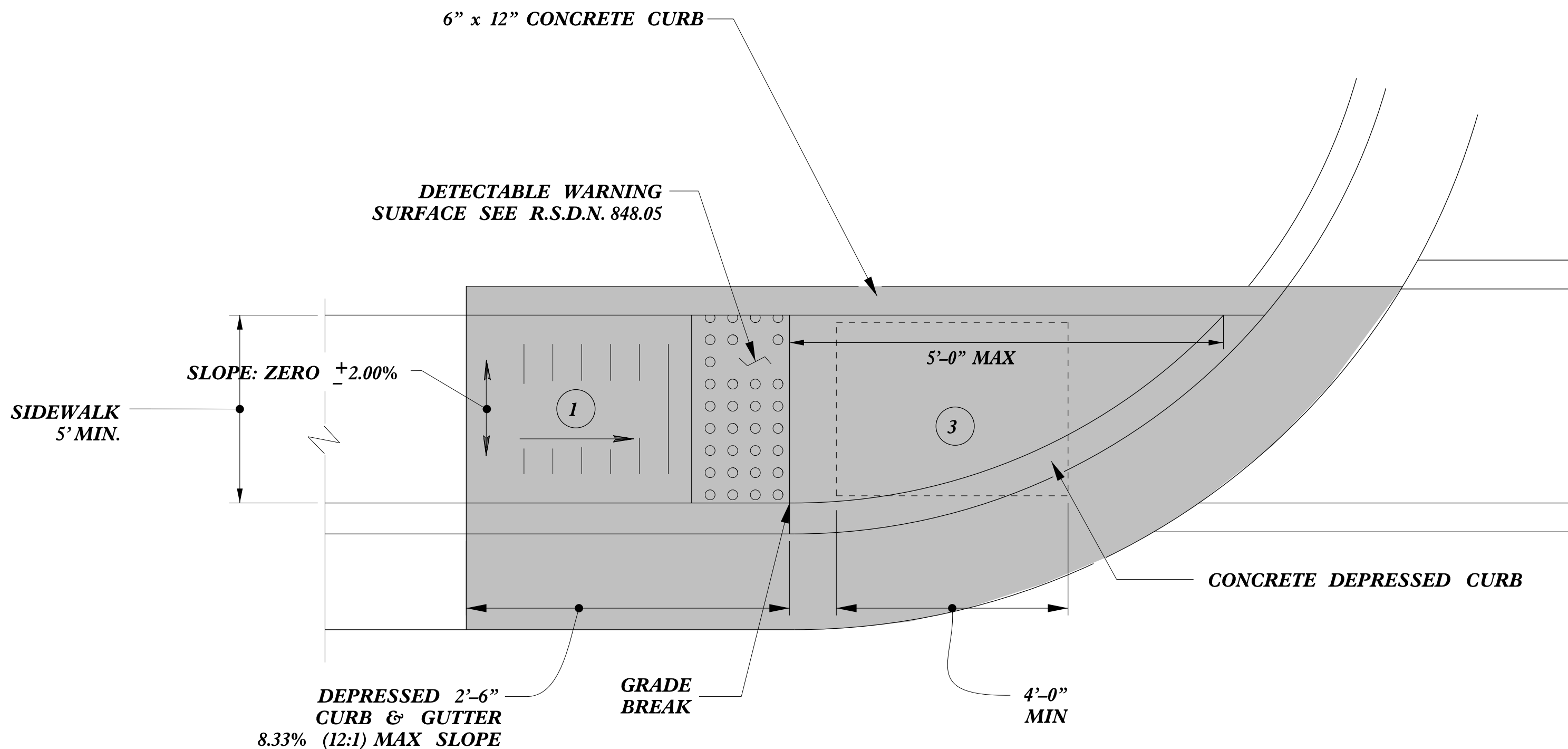
TYPE 1A



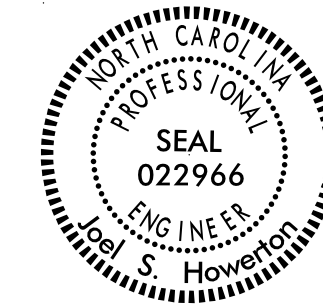
TYPE 1B

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.

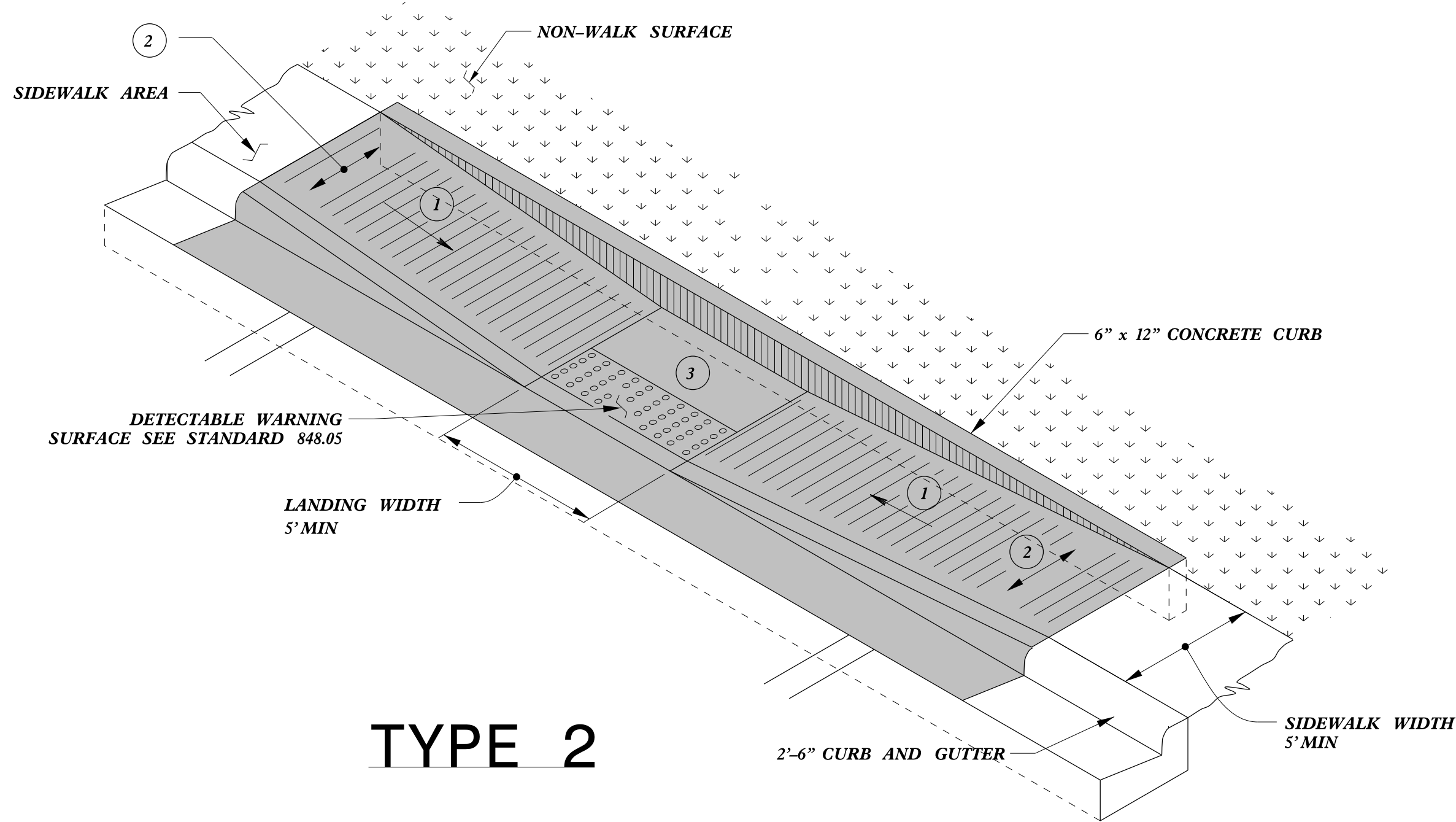


TYPE 1



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	

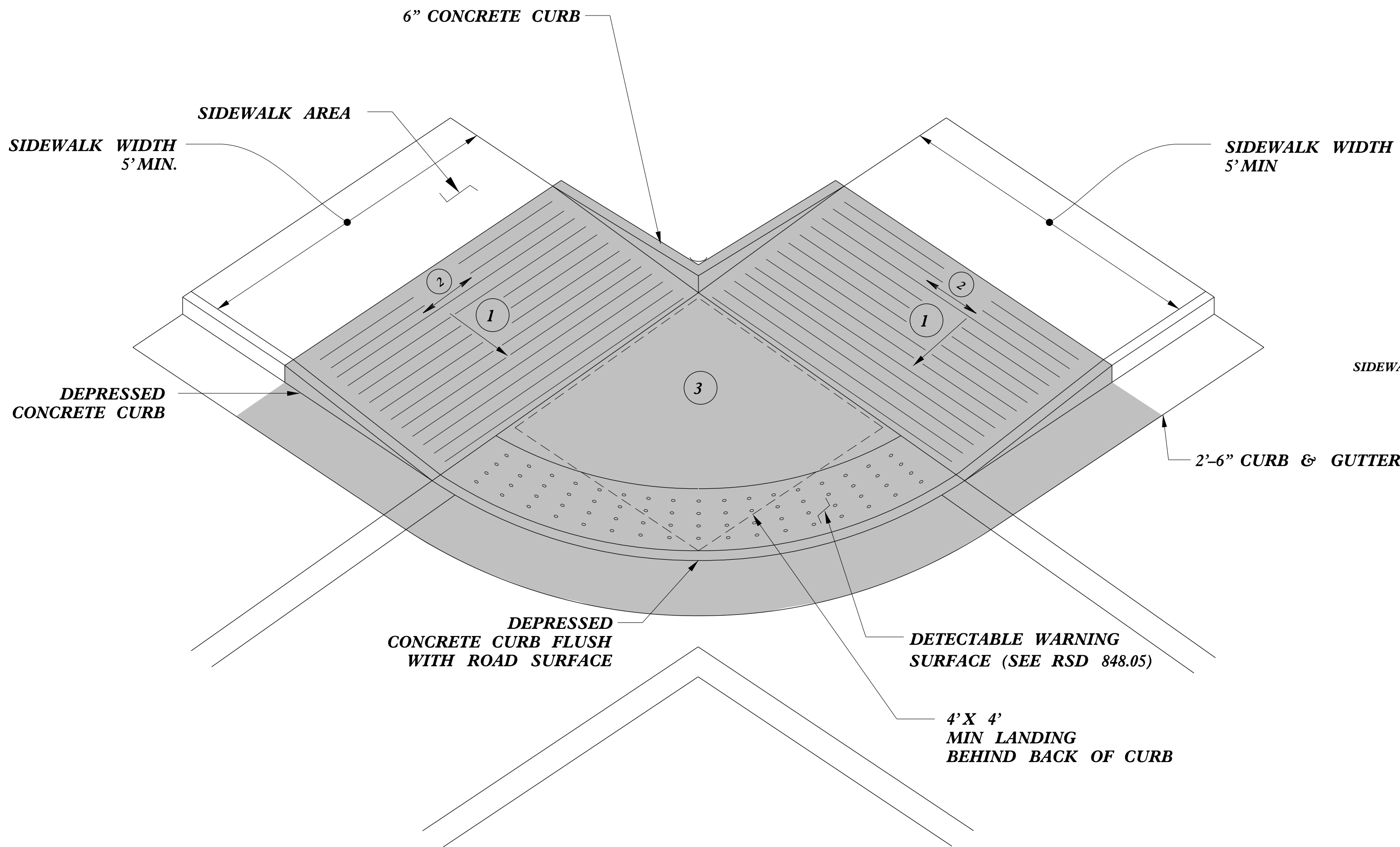
REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES



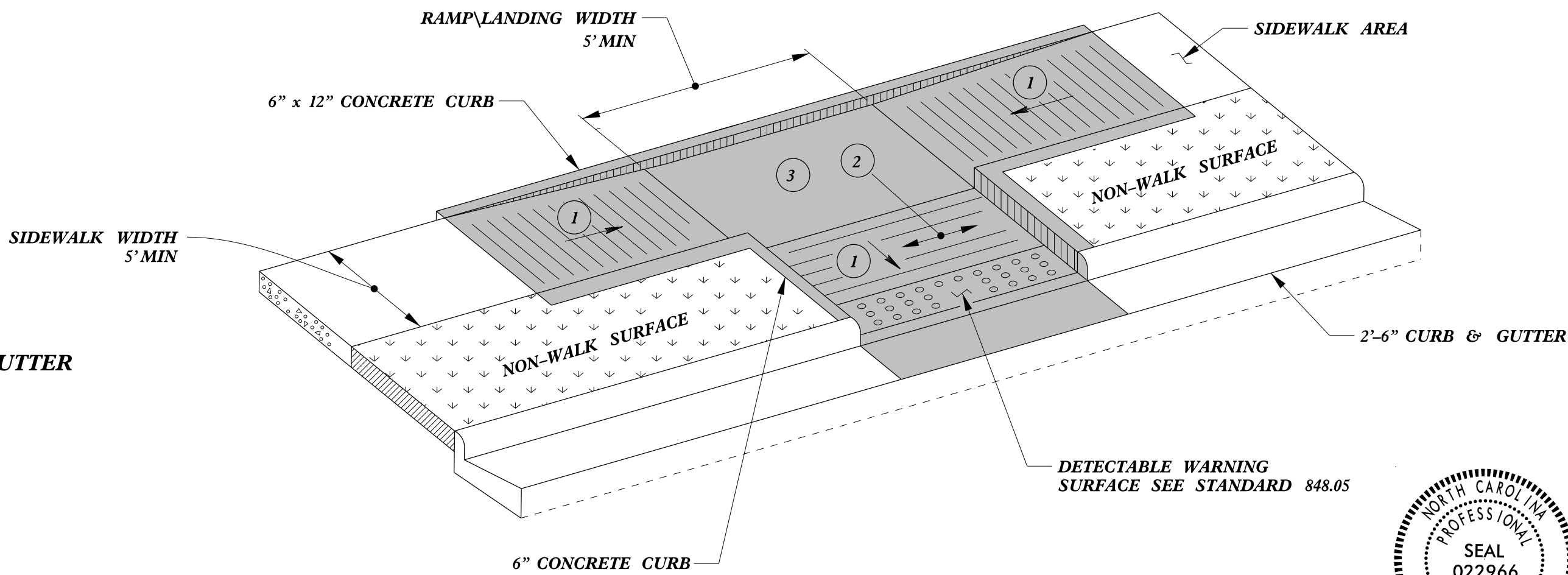
TYPE 2

PAY LIMITS FOR 1 CURB RAMP

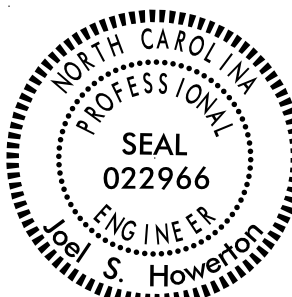
- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPs REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



TYPE 2A

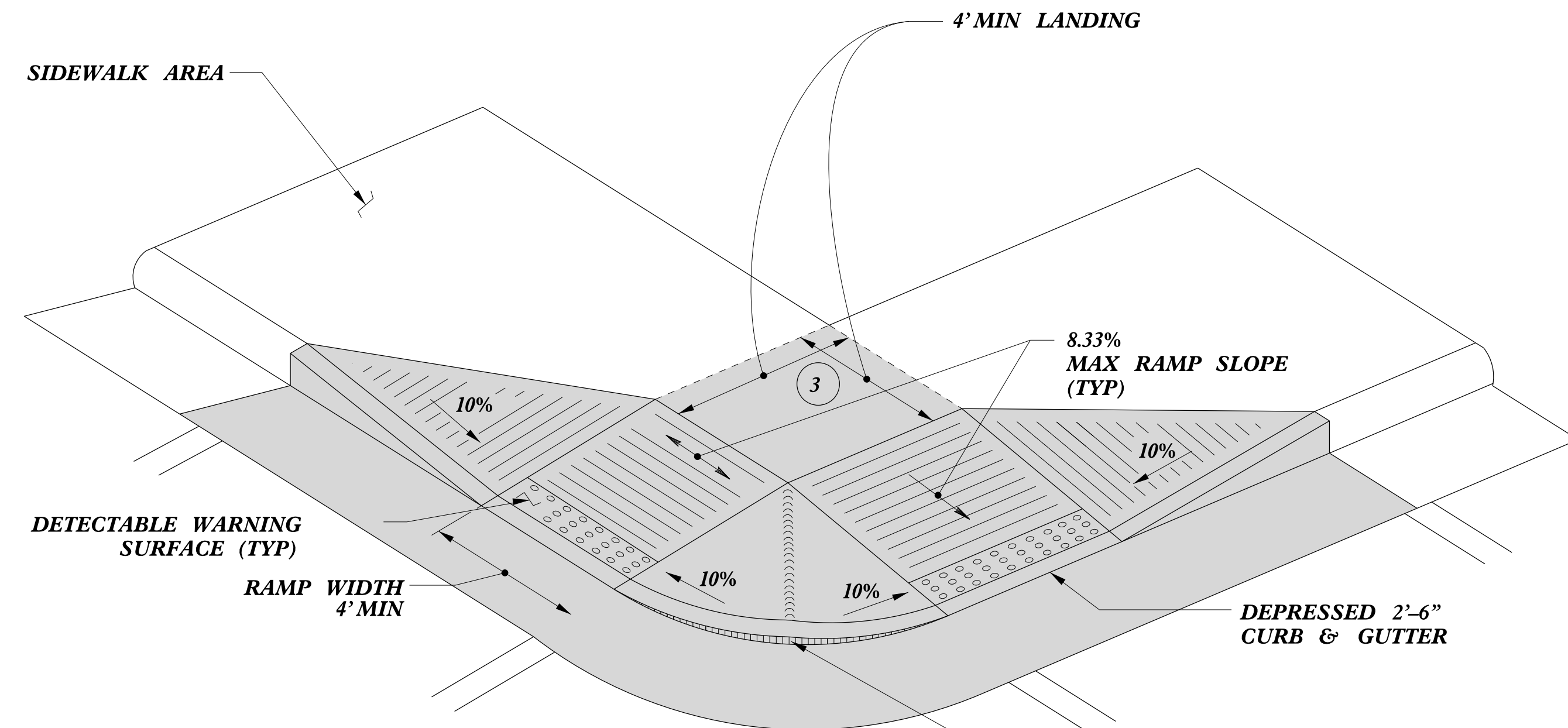


TYPE 3

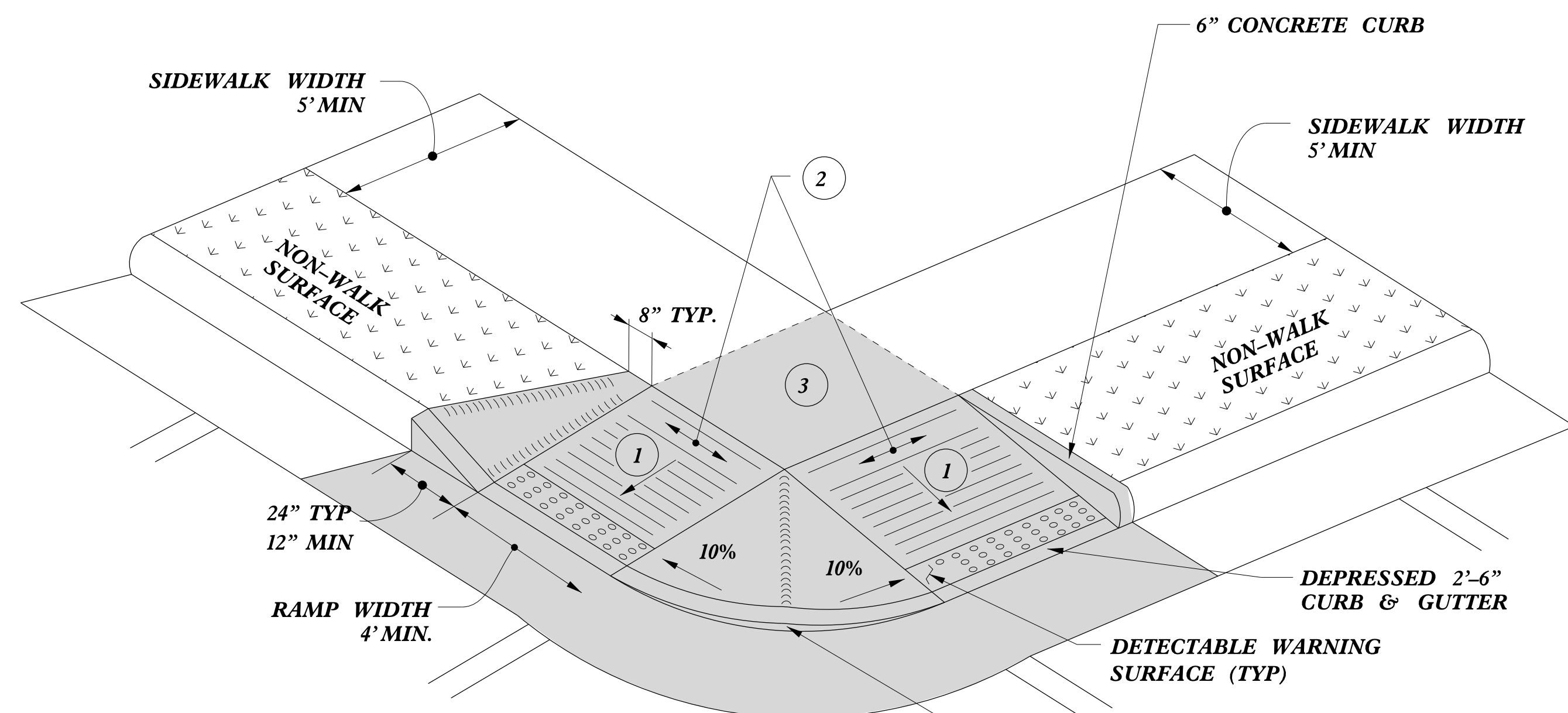


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
CONTRACT STANDARDS AND DEVELOPMENT UNIT Office 919-707-6950 FAX 919-250-4119	
CURB RAMPS Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

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

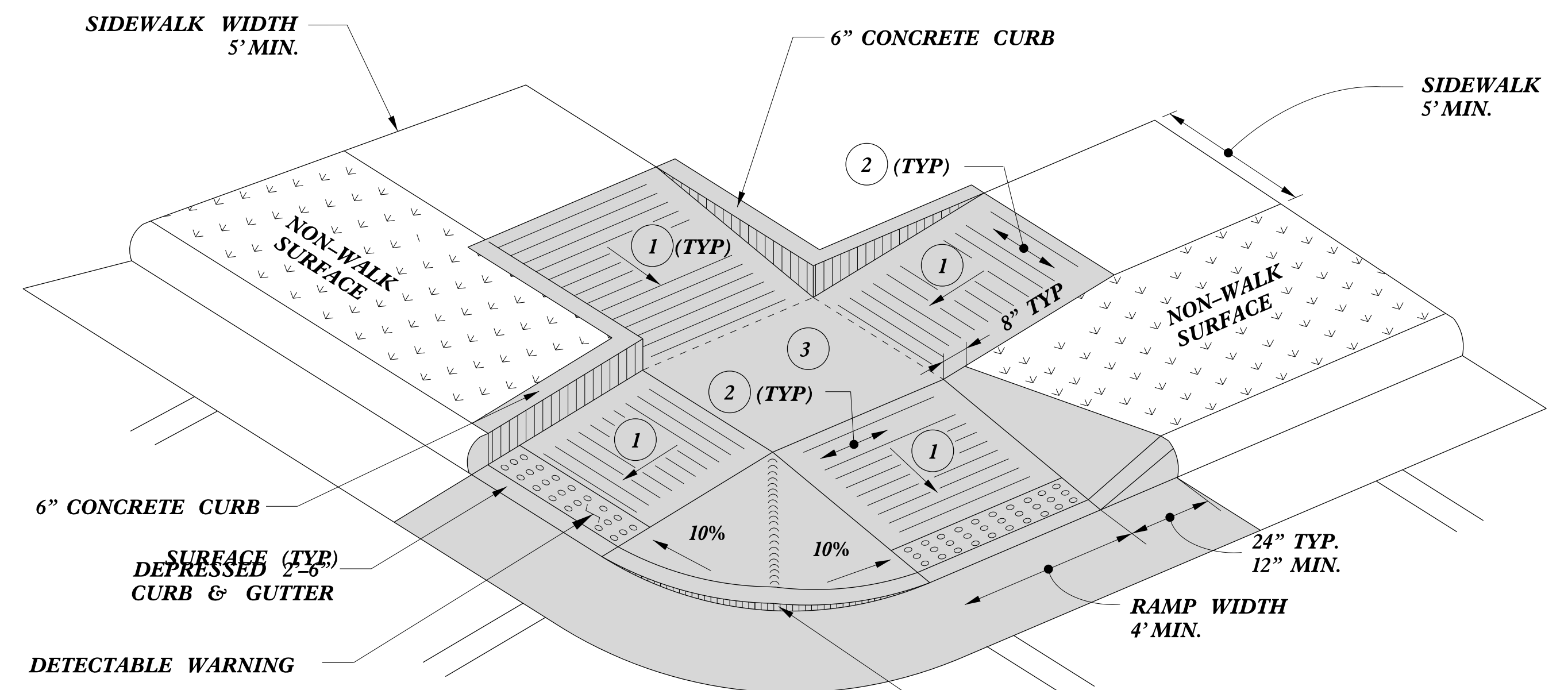


TYPE 4



TYPE 4A

PAY LIMITS FOR 2 CURB RAMPS



TYPE 5

- 8.33% (12:1) MAX RAMP SLOPE
- CROSS SLOPE: 2.00%
- 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	

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