

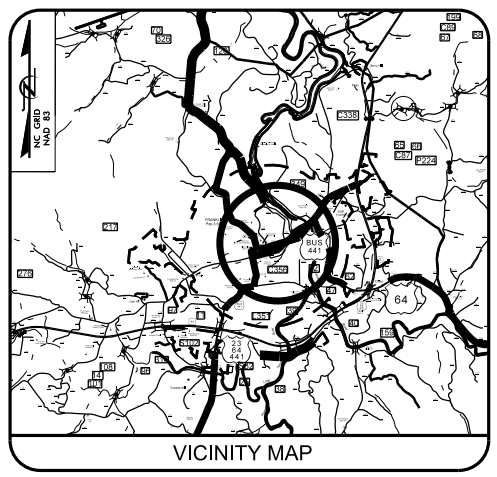
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TIP: R-5794C

CONTRACT: DN00665



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MACON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	44910.3.5	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44910.3.5		CONST.	

LOCATION: US 441 BUS NORTH & SOUTH

TYPE OF WORK: GRADING, CONCRETE SIDEWALK, CONCRETE ADA RAMPS, PAVEMENT MARKING, PAVEMENT REPAIR, & TRAFFIC CONTROL

SITE 1 Page 4

INTERSECTION OF US 441
BUS NORTH & US 441
PORTER ST, FRANKLIN,
MACON COUNTY

SITE 2 Page 5

INTERSECTION OF US 441
BUS NORTH & MACON
AVE, FRANKLIN, MACON
COUNTY

SITE 3 Page 6

INTERSECTION OF US 441
BUS NORTH, SR 1323 IOTLA
ST & SR 1718 PHILLIPS
ST, FRANKLIN, MACON
COUNTY

SITE 4 Page 7

ON US 441 BUS NORTH
BETWEEN PATTON AVE &
SITE 3, FRANKLIN, MACON
COUNTY

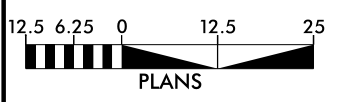
SITE 5 Page 8

INTERSECTION OF US 441
BUS SOUTH & SR 1718
PHILLIPS ST, FRANKLIN,
MACON COUNTY

SITE 6 Page 9

ON US 441 BUS SOUTH
BETWEEN SR 1718
PHILLIPS ST & S PATTON
AVE, FRANKLIN, MACON
COUNTY

GRAPHIC SCALES



PROJECT LENGTH

TOTAL LENGTH STATE PROJECT = VAR.

Prepared In the Office of:
DIVISION OF HIGHWAYS
191 Robbinsville Rd., Andrews, NC 28901

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:
08/23/19

JESSE A. RUSSELL, P.E.
PROJECT ENGINEER

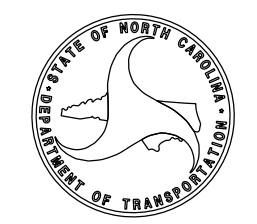
DSALAN R BROWN
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.



STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

INDEX OF SHEETS

- 1 TITLE SHEET
- 1-A INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS
- 2 CONVENTIONAL SYMBOLS
- 3-3C ALTERNATIVE CURB RAMPS
- 4-9 PLAN SHEET

GENERAL NOTES

- GENERAL NOTES: 2018 SPECIFICATIONS EFFECTIVE: 01-16-2018
- 1 CARE SHALL BE TAKEN TO PREVENT DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - 2 THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY.
 - 3 UTILITY OWNERS ON THIS PROJECT
 DUKE ENERGY - POWER
 FRONTIER COMMUNICATIONS - COMMUNICATION
 MORRIS BROAD BAND - COMMUNICATIONS
 TOCCOA NATURAL GAS - GAS DISTRIBUTION
 TOWN OF FRANKLIN - WATER & SEWER
- ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY CREWS AS NEEDED

LIST OF ROADWAY STANDARDS

- 2018 ROADWAY STANDARD DRAWINGS
- The following Roadway Standards as appear in 'Roadway Standard Drawings' - Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., dated January 16, 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.
- | STD. NO. | TITLE |
|-------------|--|
| DIVISION 2 | EARTHWORK |
| 200.02 | Method of Clearing - Method II |
| DIVISION 5 | SUBGRADE, BASES AND SHOULDERS |
| 560.01 | Method of Shoulder Construction |
| DIVISION 6 | ASPHALT BASES AND PAVEMENTS |
| 654.01 | Pavement Repairs |
| DIVISION 8 | INCIDENTALS |
| 840.30 | Driveway Drop Inlet |
| 846.01 | Concrete Curb & Gutter |
| 848.01 | Concrete Sidewalk |
| 848.02 | Driveway Turnout - Radius Type |
| 848.03 | Driveway Turnout - Drop Curb Type |
| 848.04 | Street Turnout |
| 848.05 | Curb Ramp - Proposed Curb and Gutter |
| 848.06 | Curb Ramp - Existing Curb and Gutter |
| DIVISION 11 | WORK ZONE TRAFFIC CONTROL |
| 1101.01 | Work Zone Advance Warning Signs |
| 1101.02 | Temporary Lane Closures |
| 1101.03 | Temporary Road Closures |
| 1101.04 | Temporary Shoulder Closures |
| 1101.02 | Portable Work Zone Signs |
| 130.01 | Drum |
| 135.01 | Cones |
| 150.01 | Flagging Devices |
| DIVISION 16 | EROSION CONTROL AND ROADSIDE DEVELOPMENT |
| 1632.02 | Rock Inlet Sediment Trap Type B |
| 1632.03 | Rock Inlet Sediment Trap Type C |

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

12/2/2016

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EP
Computed Property Corner	-----
Property Monument	□ ECM
Parcel/Sequence Number	123
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	----- WLB
Proposed Wetland Boundary	----- WLB
Existing Endangered Animal Boundary	----- EAB
Existing Endangered Plant Boundary	----- EPB
Existing Historic Property Boundary	----- HPB
Known Contamination Area: Soil	----- S
Potential Contamination Area: Soil	----- S
Known Contamination Area: Water	----- W
Potential Contamination Area: Water	----- W
Contaminated Site: Known or Potential	☠ ☢

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
Small Mine	⊗
Foundation	□
Area Outline	□
Cemetery	⊕
Building	□
School	□
Church	□
Dam	▬

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	----- JS
Buffer Zone 1	----- BZ 1
Buffer Zone 2	----- BZ 2
Flow Arrow	←
Disappearing Stream	-----
Spring	○
Wetland	-----
Proposed Lateral, Tail, Head Ditch	-----
False Sump	-----

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	-----
Switch	-----
RR Abandoned	-----
RR Dismantled	-----

Note: Not to Scale *S.U.E. = *Subsurface Utility Engineering*

RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	◆
Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	●
Exist Permanent Easment Pin and Cap	◇
New Permanent Easment Pin and Cap	◆
Vertical Benchmark	⊗
Existing Right of Way Marker	△
Existing Right of Way Line	-----
New Right of Way Line	-----
New Right of Way Line with Pin and Cap	-----
New Right of Way Line with Concrete or Granite R/W Marker	-----
New Control of Access Line with Concrete C/A Marker	-----
Existing Control of Access	-----
New Control of Access	-----
Existing Easement Line	----- E
New Temporary Construction Easement	----- E
New Temporary Drainage Easement	----- TDE
New Permanent Drainage Easement	----- PDE
New Permanent Drainage / Utility Easement	----- DUE
New Permanent Utility Easement	----- PUE
New Temporary Utility Easement	----- TUE
New Aerial Utility Easement	----- AUE

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- C
Proposed Slope Stakes Fill	----- F
Proposed Curb Ramp	----- CR
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	-----

VEGETATION:

Single Tree	○
Single Shrub	○

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----

EXISTING STRUCTURES:

MAJOR:	Bridge, Tunnel or Box Culvert	----- CONC
	Bridge Wing Wall, Head Wall and End Wall	----- CONC WW
MINOR:	Head and End Wall	----- CONC HW
	Pipe Culvert	-----
	Footbridge	-----
	Drainage Box: Catch Basin, DI or JB	----- CB
	Paved Ditch Gutter	-----
	Storm Sewer Manhole	----- S
	Storm Sewer	----- S

UTILITIES:

POWER:	Existing Power Pole	●
	Proposed Power Pole	○
	Existing Joint Use Pole	●
	Proposed Joint Use Pole	○
	Power Manhole	⊕
	Power Line Tower	⊗
	Power Transformer	⊗
	U/G Power Cable Hand Hole	-----
	H-Frame Pole	-----
	U/G Power Line LOS B (S.U.E.*)	----- P
	U/G Power Line LOS C (S.U.E.*)	----- P
	U/G Power Line LOS D (S.U.E.*)	----- P

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	⊕
Telephone Cell Tower	⊗
U/G Telephone Cable Hand Hole	-----
U/G Telephone Cable LOS B (S.U.E.*)	----- T
U/G Telephone Cable LOS C (S.U.E.*)	----- T
U/G Telephone Cable LOS D (S.U.E.*)	----- T
U/G Telephone Conduit LOS B (S.U.E.*)	----- TC
U/G Telephone Conduit LOS C (S.U.E.*)	----- TC
U/G Telephone Conduit LOS D (S.U.E.*)	----- TC
U/G Fiber Optics Cable LOS B (S.U.E.*)	----- T FO
U/G Fiber Optics Cable LOS C (S.U.E.*)	----- T FO
U/G Fiber Optics Cable LOS D (S.U.E.*)	----- T FO

WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	-----
U/G Water Line LOS C (S.U.E.*)	-----
U/G Water Line LOS D (S.U.E.*)	-----
Above Ground Water Line	----- A/G Water

TV:

TV Pedestal	⊕
TV Tower	⊗
U/G TV Cable Hand Hole	-----
U/G TV Cable LOS B (S.U.E.*)	----- TV
U/G TV Cable LOS C (S.U.E.*)	----- TV
U/G TV Cable LOS D (S.U.E.*)	----- TV
U/G Fiber Optic Cable LOS B (S.U.E.*)	----- TV FO
U/G Fiber Optic Cable LOS C (S.U.E.*)	----- TV FO
U/G Fiber Optic Cable LOS D (S.U.E.*)	----- TV FO

GAS:

Gas Valve	◇
Gas Meter	⊕
U/G Gas Line LOS B (S.U.E.*)	----- G
U/G Gas Line LOS C (S.U.E.*)	----- G
U/G Gas Line LOS D (S.U.E.*)	----- G
Above Ground Gas Line	----- A/G Gas

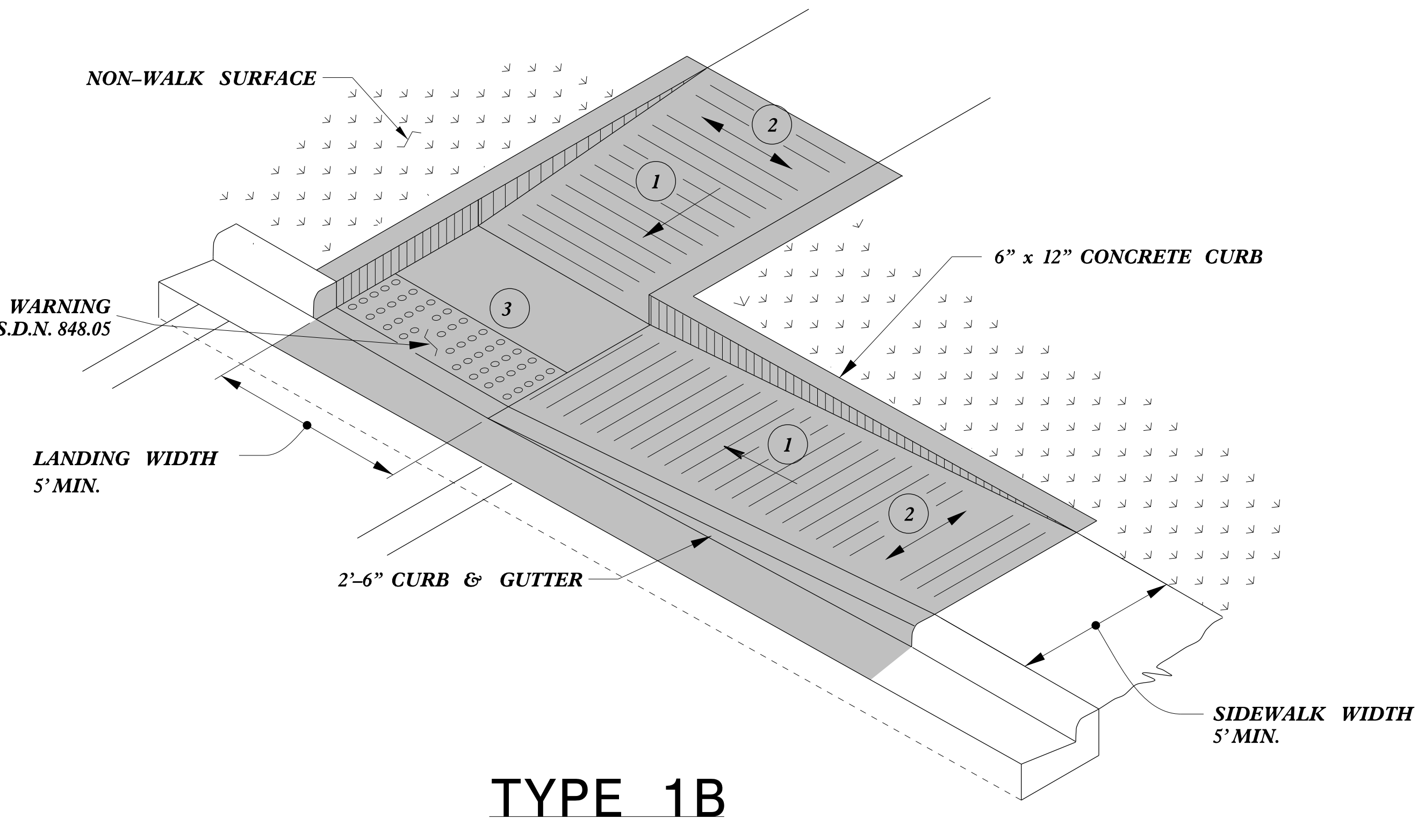
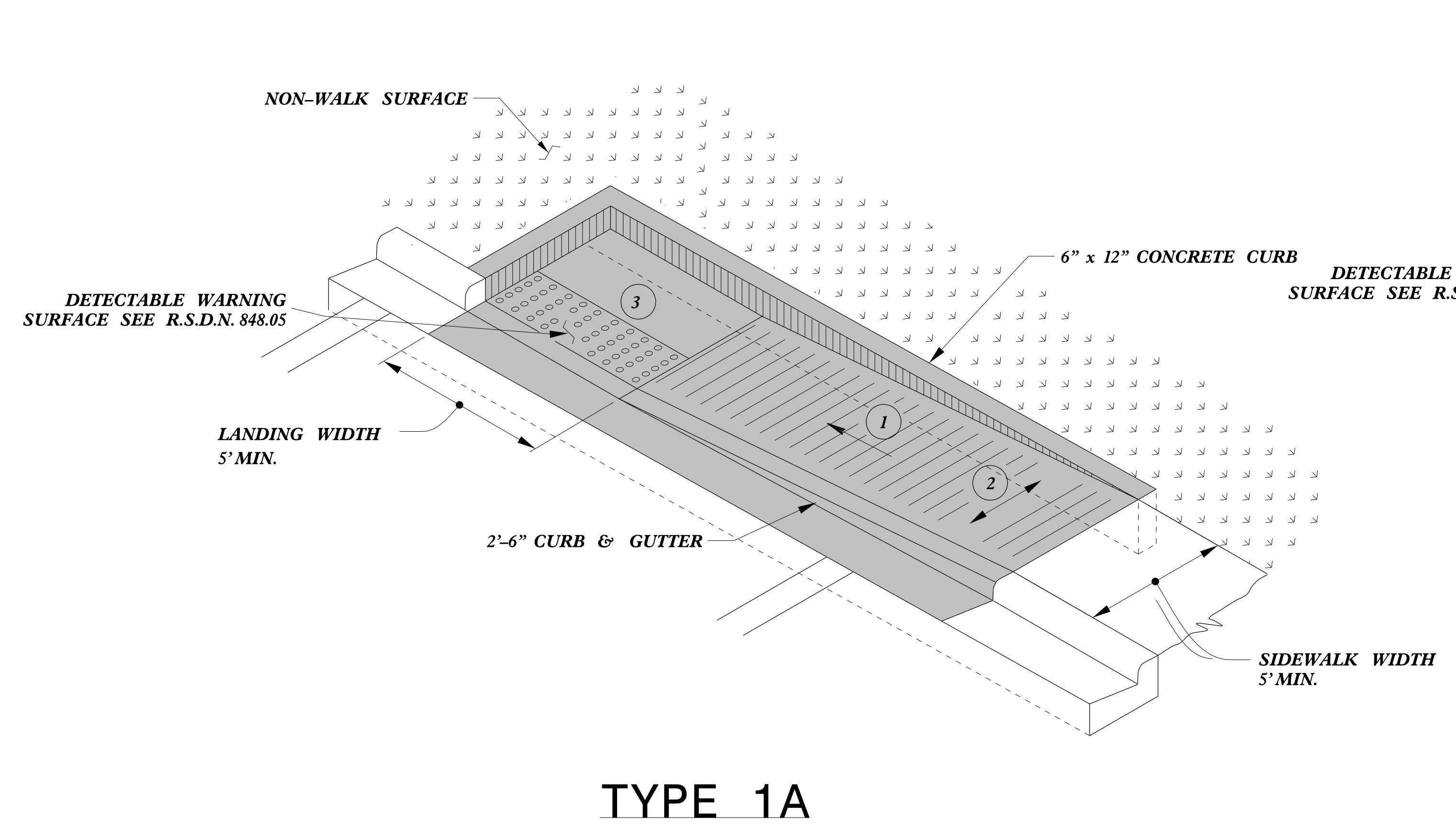
SANITARY SEWER:

Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	----- SS
Above Ground Sanitary Sewer	----- A/G Sanitary Sewer
SS Forced Main Line LOS B (S.U.E.*)	----- FSS
SS Forced Main Line LOS C (S.U.E.*)	----- FSS
SS Forced Main Line LOS D (S.U.E.*)	----- FSS

MISCELLANEOUS:

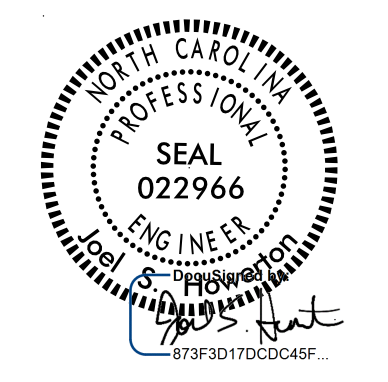
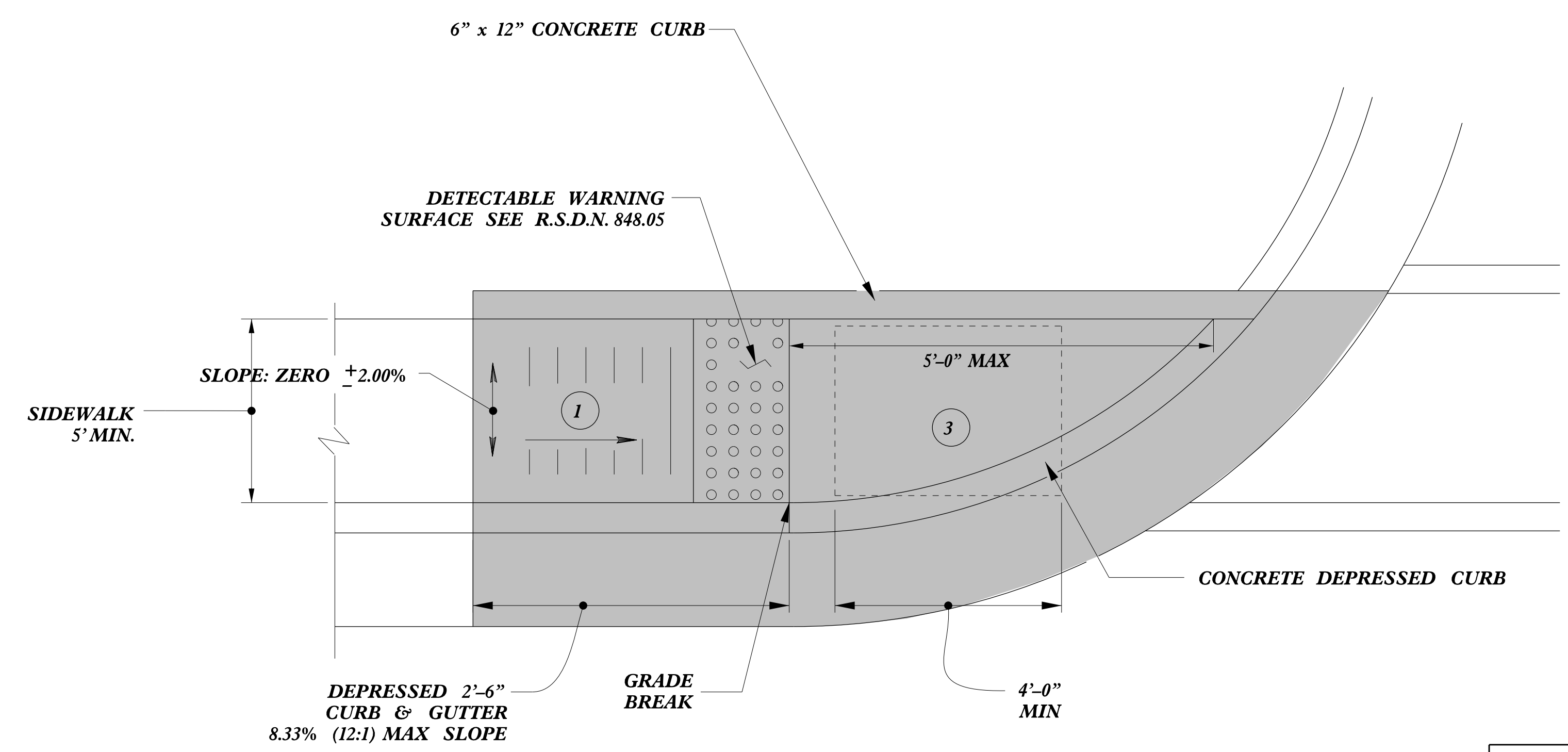
Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊕
Utility Unknown U/G Line LOS B (S.U.E.*)	----- TUTL
U/G Tank; Water, Gas, Oil	-----
Underground Storage Tank, Approx. Loc.	----- UST
A/G Tank; Water, Gas, Oil	-----
Geoenvironmental Boring	⊗
U/G Test Hole LOS A (S.U.E.*)	⊗
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

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.

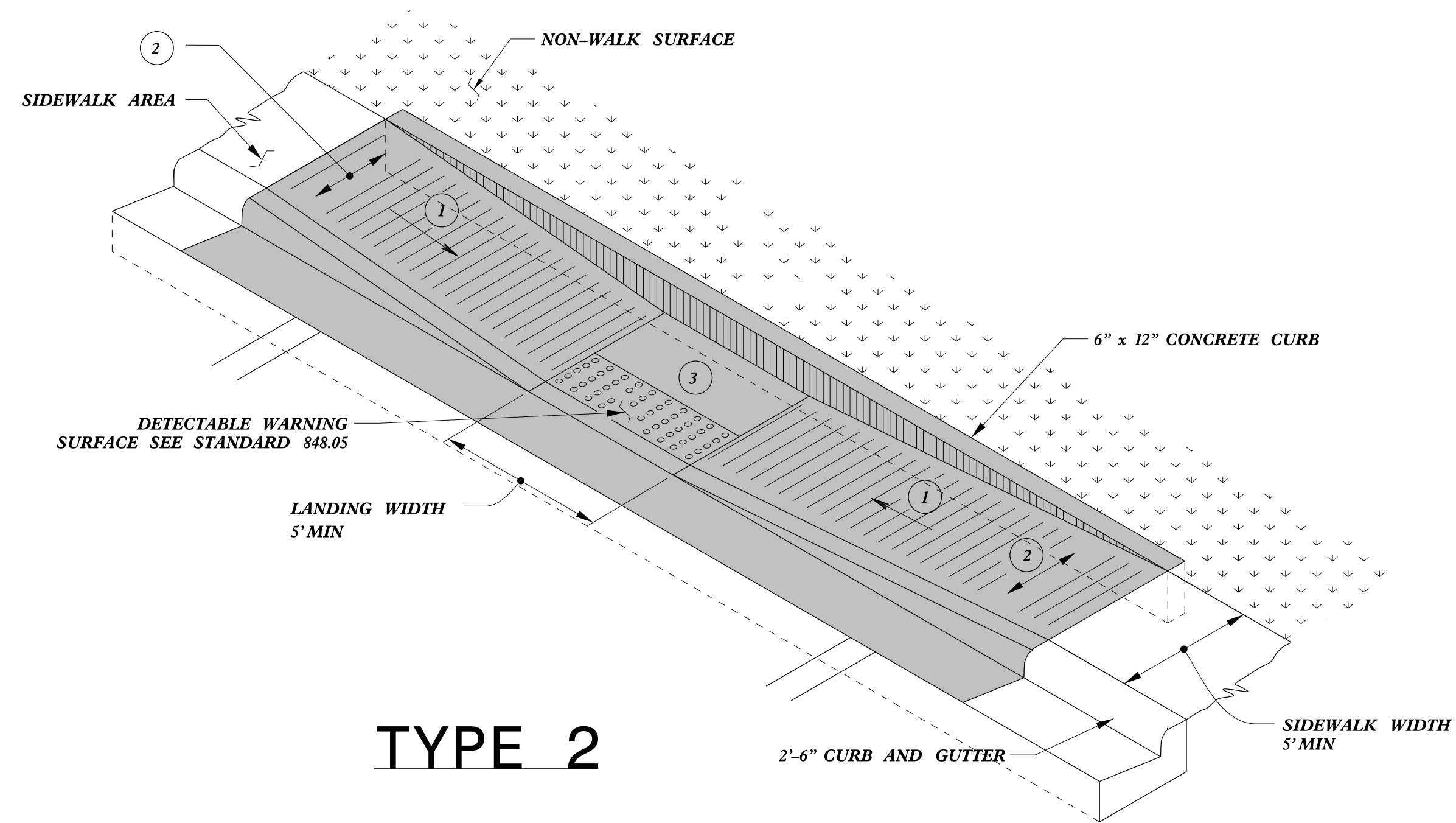


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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	

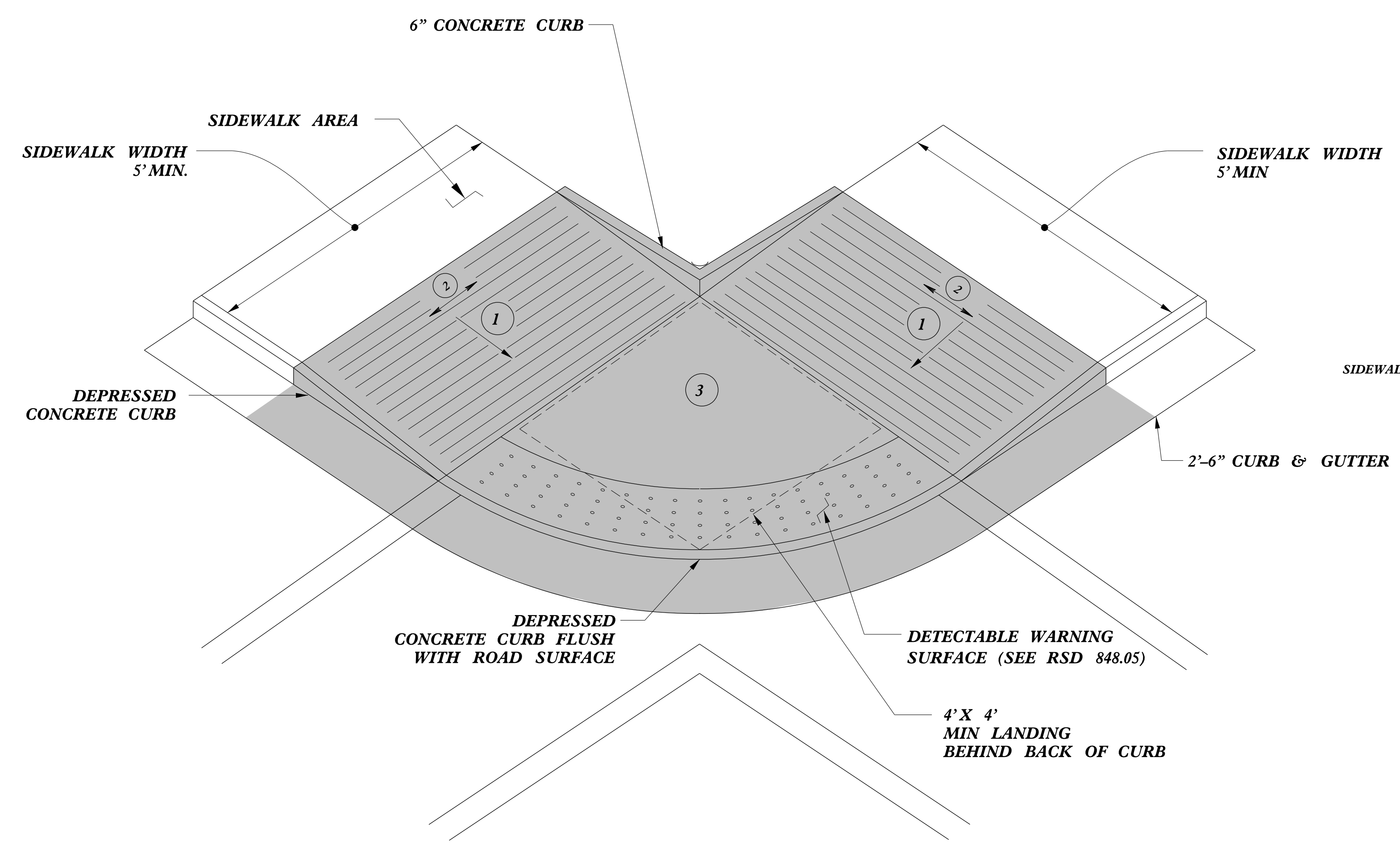
REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

C:\P\2011\110711\110711.dwg
 USER: J.S. HOWERTON
 DATE: 7/7/11 10:58:11 AM
 PLOT: 7/7/11 10:58:11 AM
 PLOT DEVICE: HP DesignJet 500

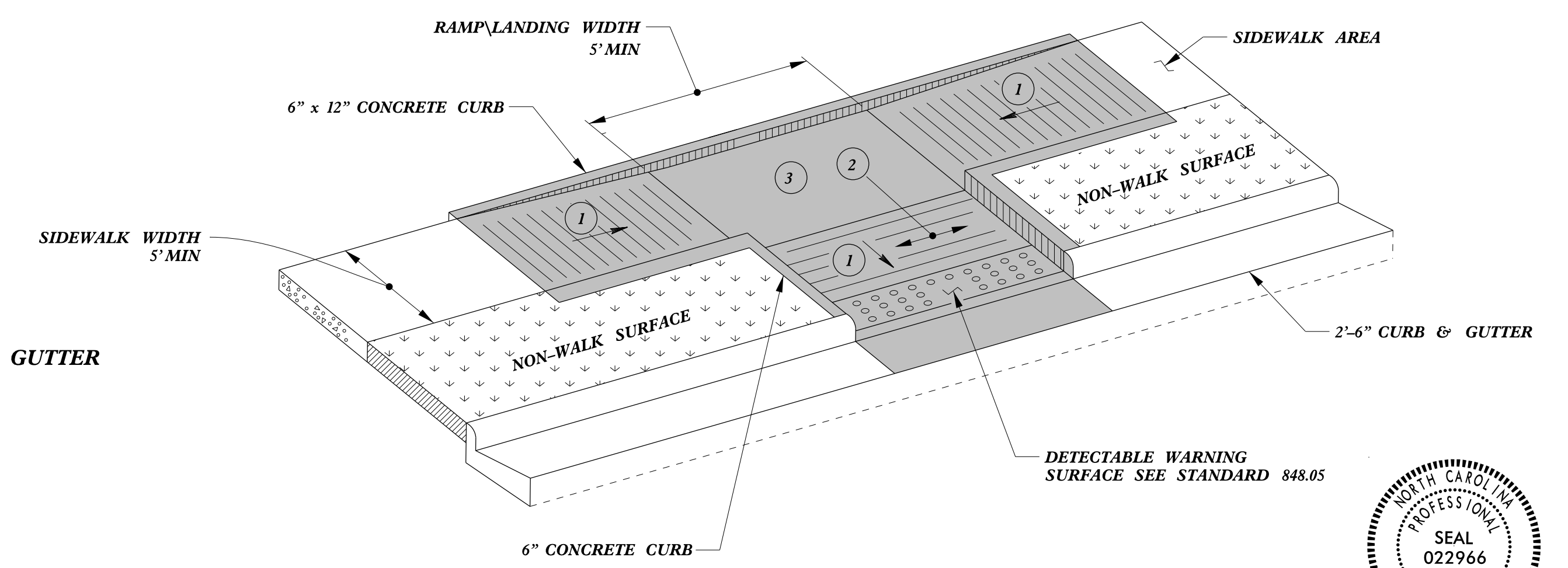


TYPE 2

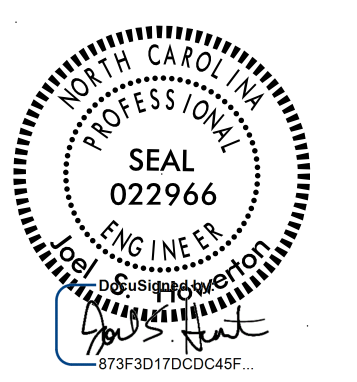
- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



TYPE 2A



TYPE 3

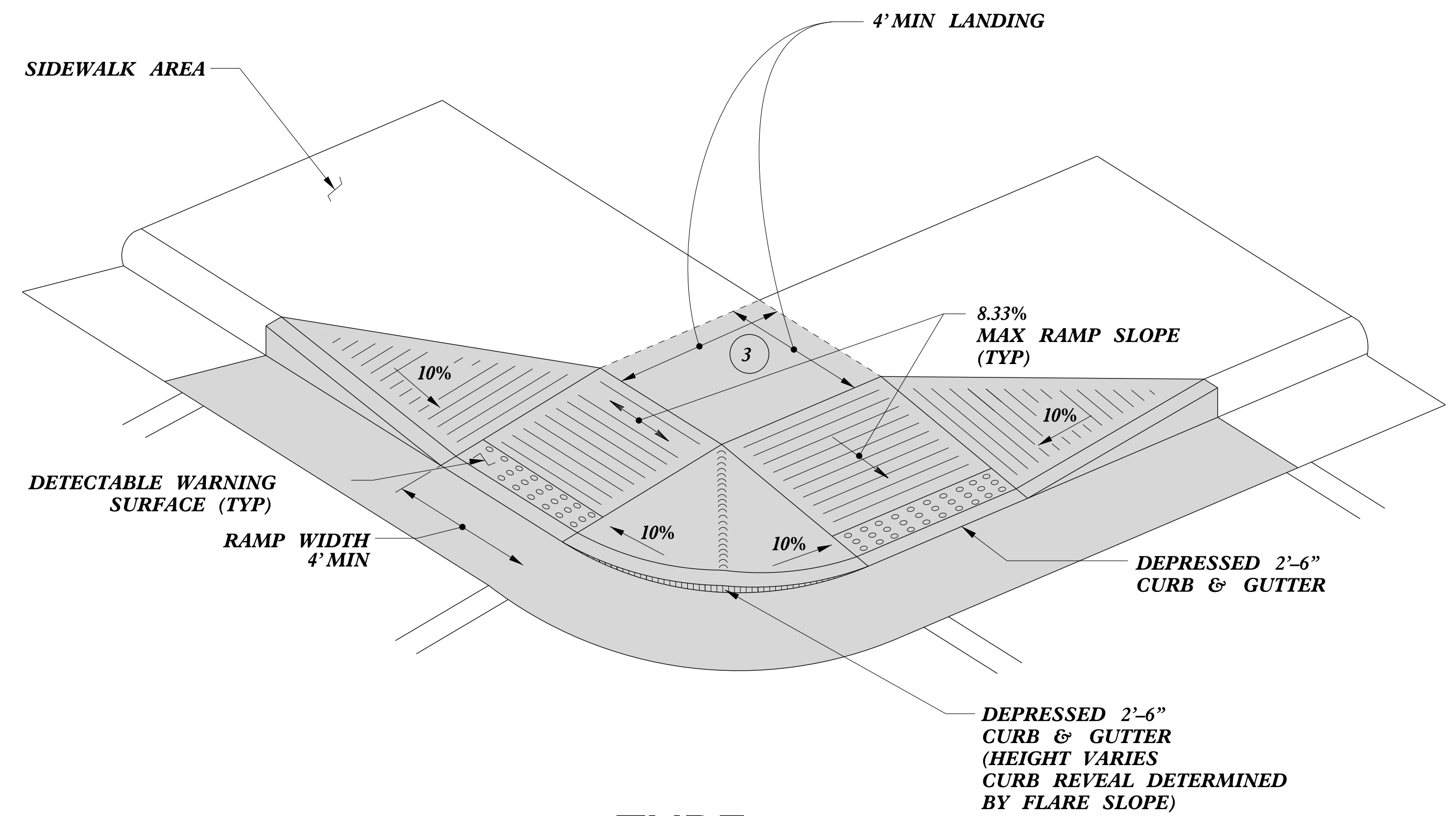


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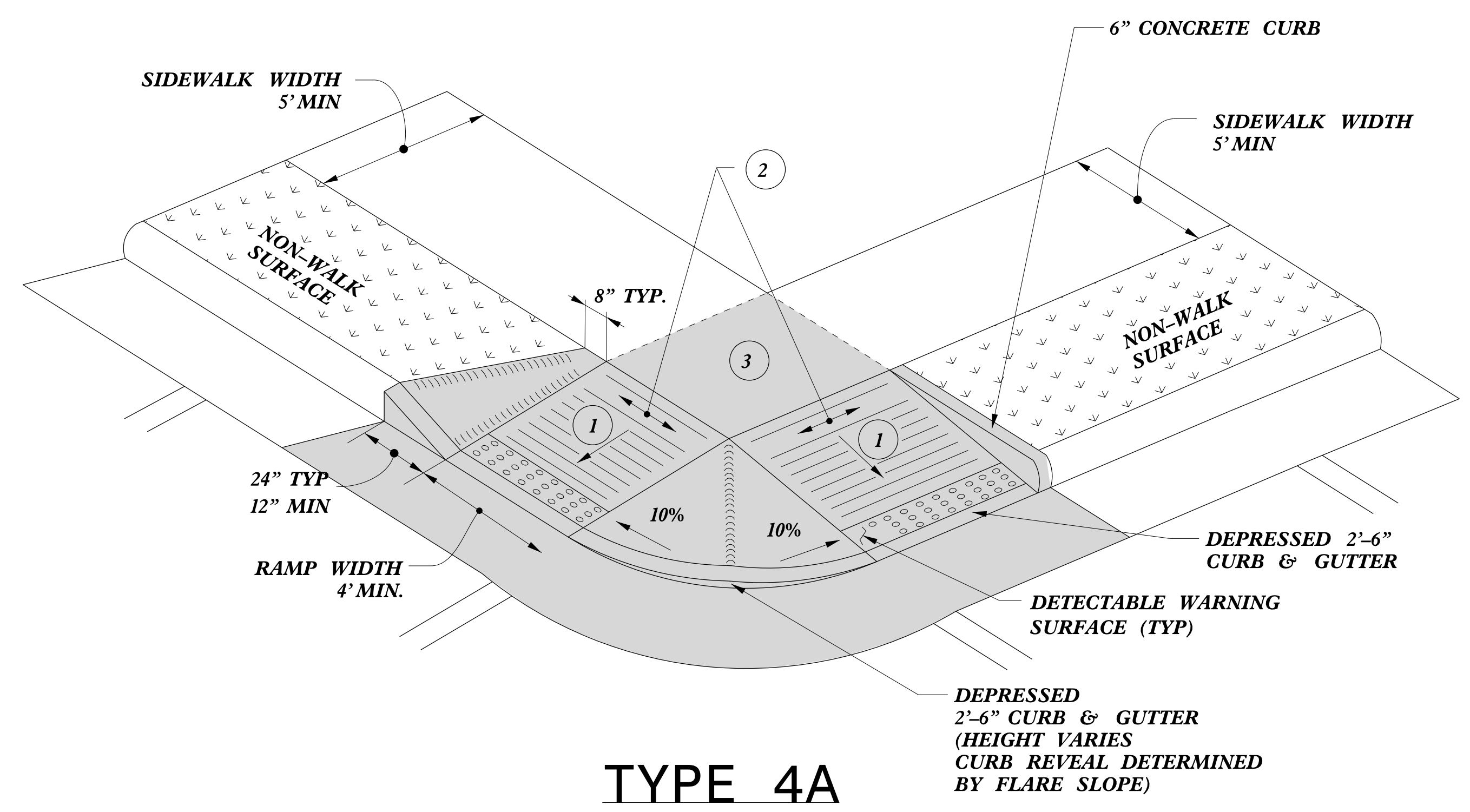
CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
CURB RAMPS	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

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

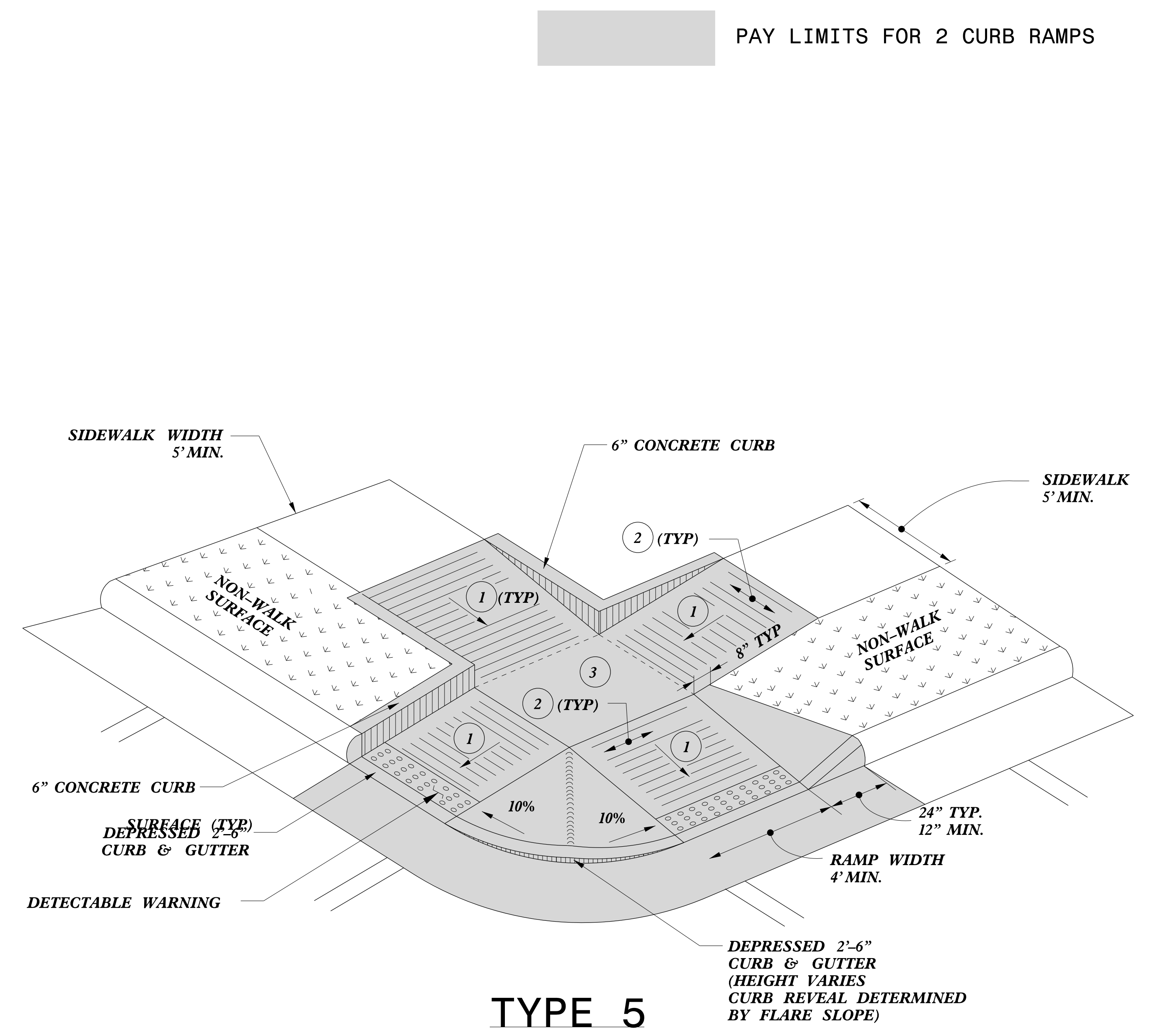
5/14/99
C:\ME\CON\CON\USER\NAME



TYPE 4



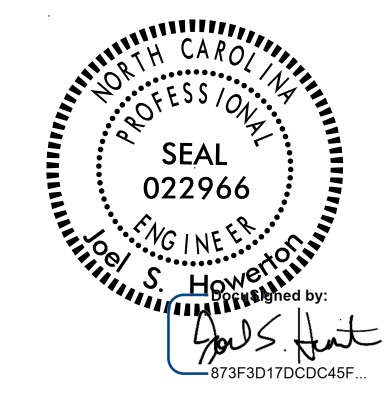
TYPE 4A



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.

PAY LIMITS FOR 2 CURB RAMPS




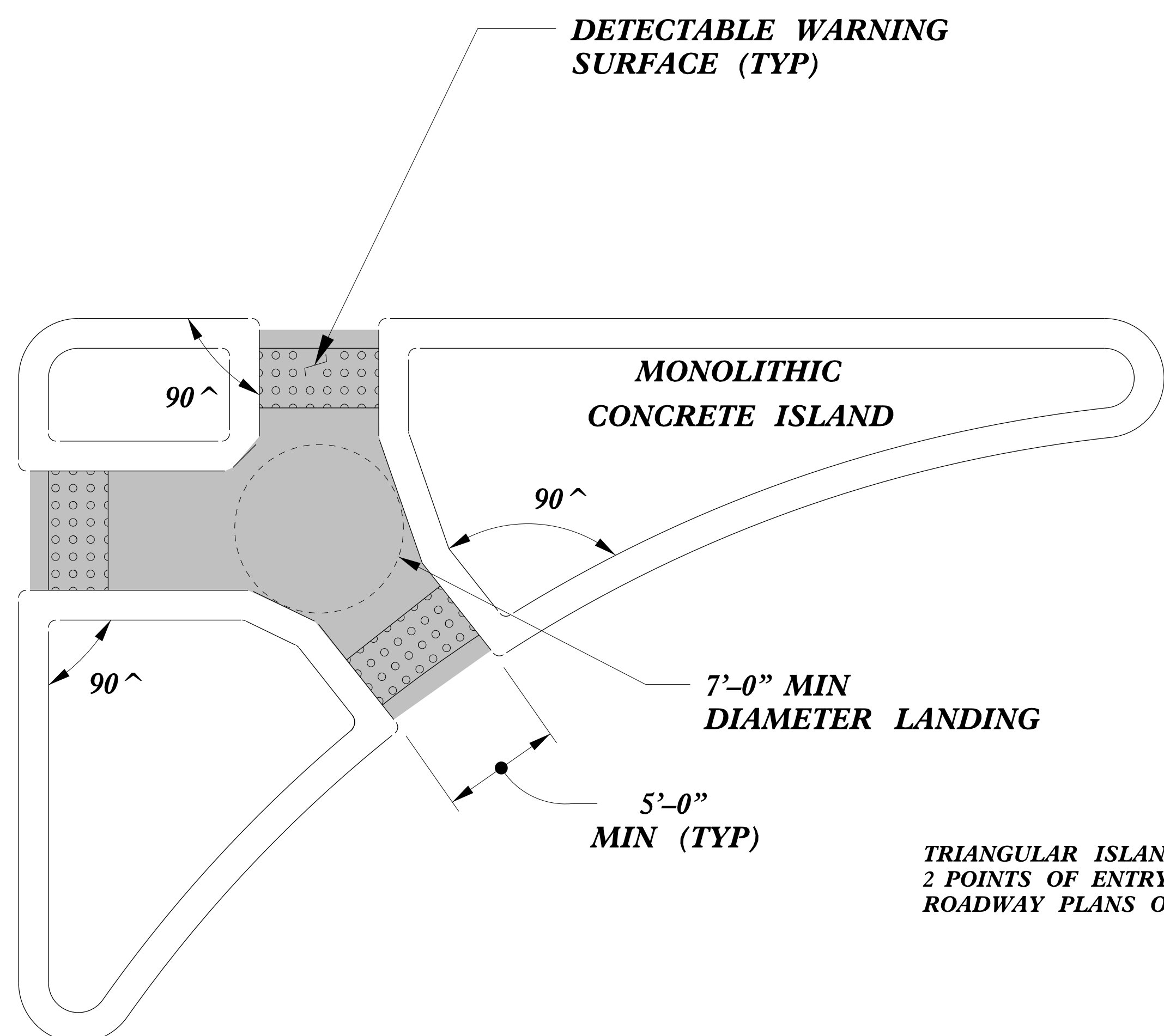
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

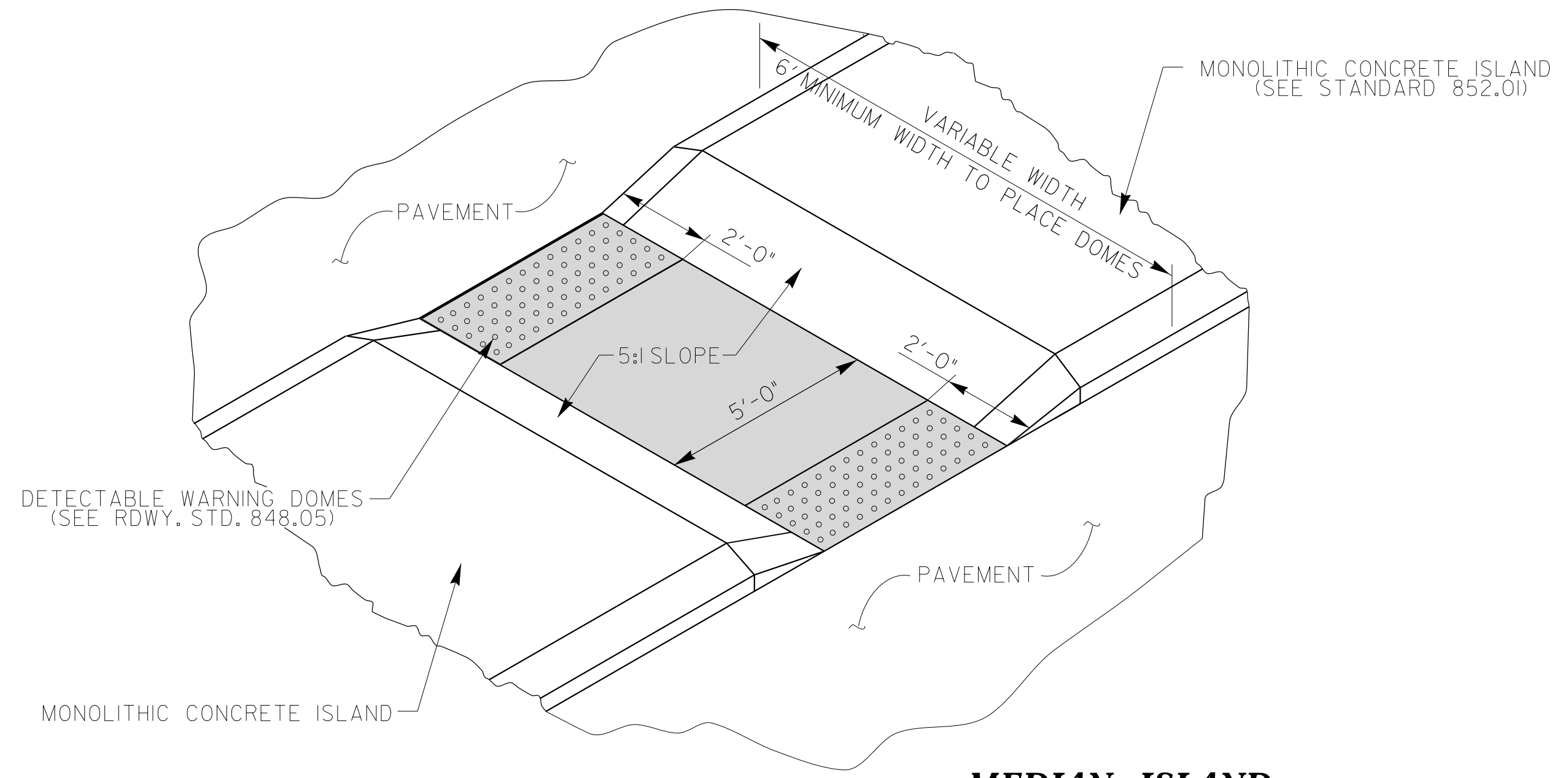
5/14/99
C:\P\PROJECTS\44910\3\5\DWG\3B.DWG
PLOT DATE: 7/7/11 10:00 AM
PLOT BY: J.S. HOWERTON
PLOT DEVICE: HP DesignJet 5000PS
PLOT SCALE: 1:1
PLOT SHEET: 3 OF 3
PLOT STATUS: SUCCESS

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

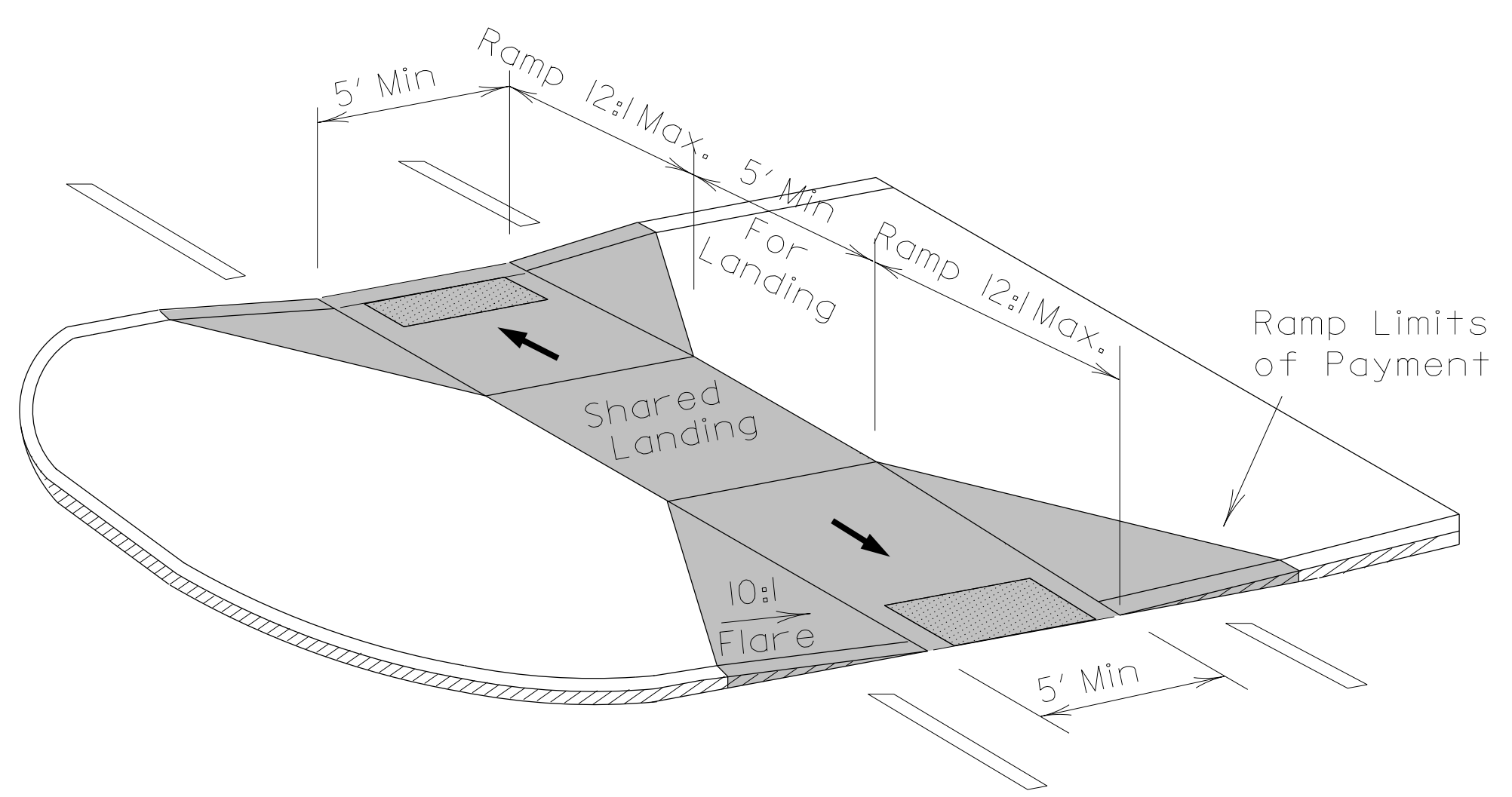


TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY
2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE
ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

**TRIANGULAR ISLAND
WITH CUT THROUGH**



**MEDIAN ISLAND
WITH CUT THROUGH**



**MEDIAN ISLAND
CURB RAMPS**

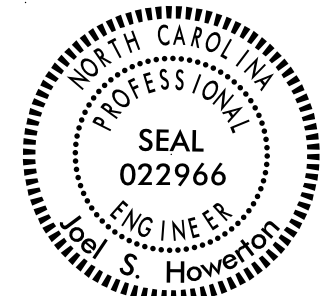
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

**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



DocuSigned by:
J.S. Howerton
573F3D17DCD45F...

5/14/99
C:\P\2012\STDS\2012CurbRamp\CurbRampDetails.dgn
TIME: 11:58:00 AM
DATE: 7/7/11
USER: JSH

PROJECT REFERENCE NO.	SHEET NO.
44910.3.5	4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS, SIDEWALK, CURB AND GUTTER.

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

SITE 1

NC GRID
NAD 83/NSRS 2007

REMOVE AND REPLACE EXISTING CROSSWALK
STD 1205.07 WITH DECORATIVE CROSSWALK

TYPE 1 CURB RAMP
STD 848.05

PROPOSED SIDEWALK
W/2'6" CURB AND GUTTER
STD. 848.01
STD. 846.01

W MAIN ST
8" STANDARD CROSSWALK
STD. 1205.07

PROPOSED SIDEWALK
W/2'6" CURB AND GUTTER
STD. 848.01
STD. 846.01

CURB RAMP
STD 848.05

US 441 BUS

NOTE: ALL WORK SHALL BE COMPLETED WITHIN EXISTING NCDOT RIGHT OF WAY



GRAPHIC SCALE

PROJECT REFERENCE NO. 44910.3.5	SHEET NO. 6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS, SIDEWALK, CURB AND GUTTER.

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

SITE 3

REMOVE AND REPLACE EXISTING CROSSWALK WITH DECORATIVE CROSSWALK STD 1205.07

REMOVE AND REPLACE EXISTING CROSSWALK WITH DECORATIVE CROSSWALK STD 1205.07

REMOVE AND REPLACE EXISTING CROSSWALK WITH DECORATIVE CROSSWALK STD 1205.07

8" STANDARD CROSSWALK STD. 1205.07

REMOVE AND REPLACE EXISTING CROSSWALK WITH DECORATIVE CROSSWALK STD 1205.07

NOTE: ALL WORK SHALL BE COMPLETED WITHIN EXISTING NCDOT RIGHT OF WAY

25' 0' 25' 50' 75' 100'



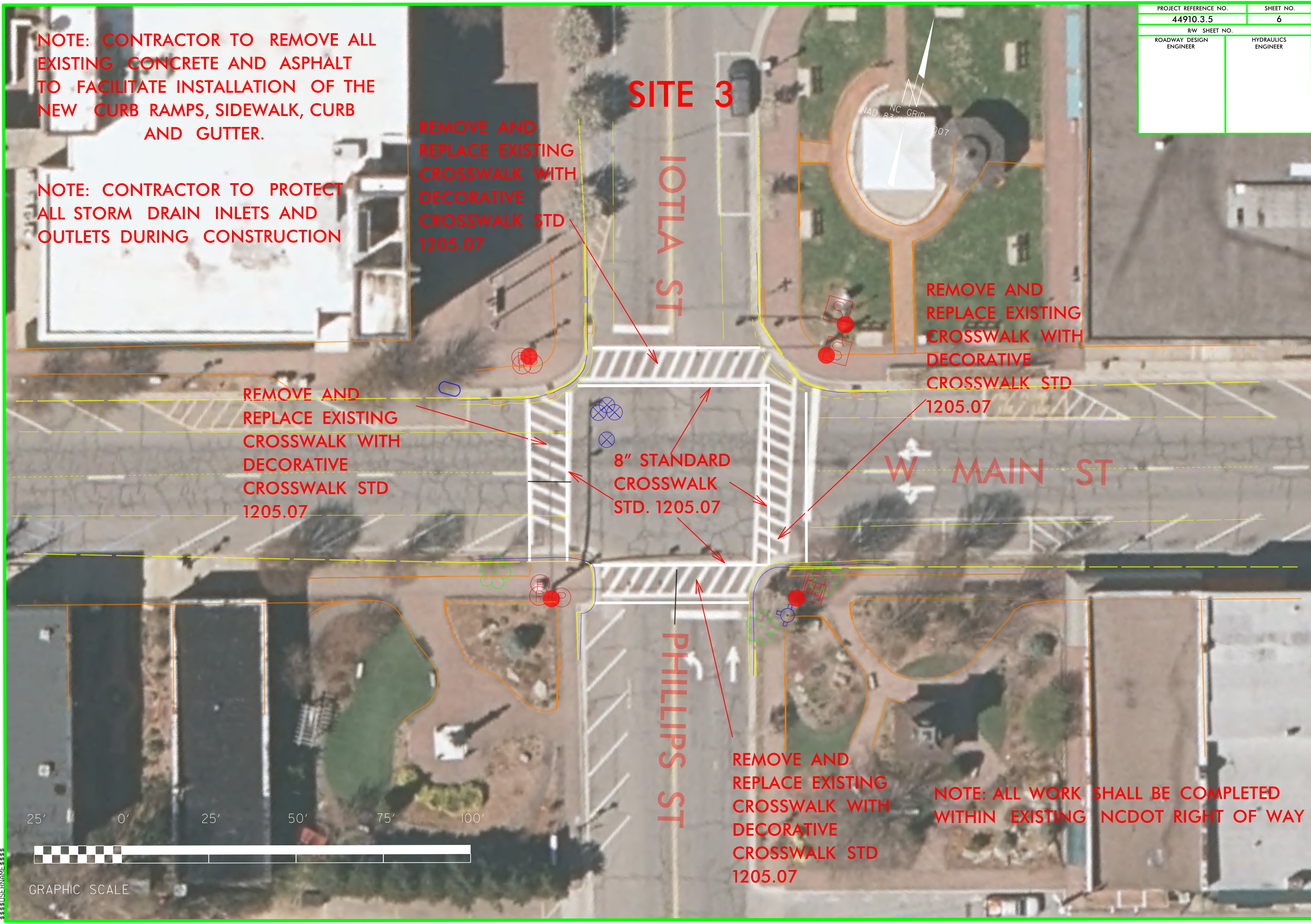
GRAPHIC SCALE

SYSTEM
DRAWING
DATE
SCALE

ER

ER

ER



PROJECT REFERENCE NO. 44910.3.5	SHEET NO. 7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SITE 4

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS, SIDEWALK, CURB AND GUTTER.

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION



PROPOSED SIDEWALK
W/2'6" CURB AND GUTTER
STD. 848.01
STD. 846.01

NO FLOW LINE
TO BE INSTALLED

REMOVE EXISTING
CONCRETE SLAB

REMOVE
EXISTING
CROSSWALK

REMOVE AND REPLACE EXISTING
CURB RAMP WITH SIDEWALK
AND CURB
STD. 848.01
STD. 846.01

PROPOSED SIDEWALK
W/2'6" CURB AND GUTTER
STD. 848.01
STD. 846.01

ADJUST VALVE

ADJUST VALVE

TYPE 1 CURB RAMP
STD 848.05

DECORATIVE
CROSSWALK
STD 1205.07

REMOVE AND
REPLACE EXISTING
CROSSWALK WITH
DECORATIVE
CROSSWALK STD
1205.07

TYPE 3 CURB RAMP
STD 848.05

8" STANDARD
CROSSWALK
STD. 1205.07

8" STANDARD
CROSSWALK
STD. 1205.07

TYPE 1 CURB RAMP
STD 848.02



ADJUST VALVE

REMOVE CONCRETE
FROM EXISTING CONST.
JOINT

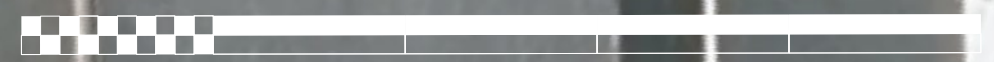
REMOVE SIGNS

PROPOSED 2'6" CURB AND
GUTTER 10' X 13'
STD. 846.01

TYPE 2 CURB RAMP
STD 848.05

PROPOSED 2'6" CURB AND
GUTTER 10' X 13'
STD. 846.01

25' 0' 25' 50' 75' 100'



GRAPHIC SCALE

NOTE: ALL WORK SHALL BE COMPLETED WITHIN EXISTING NCDOT RIGHT OF WAY

SYSTEMS DESIGN CONSULTANTS



PROJECT REFERENCE NO.	SHEET NO.
44910.3.5	8
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS, SIDEWALK, CURB AND GUTTER.

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

NOTE: ALL WORK SHALL BE COMPLETED WITHIN EXISTING NCDOT RIGHT OF WAY

SITE 5

NC GRID
WAD 83/NSRS 2007

PHILLIPS ST

E PALMER ST

PHILLIPS ST

EXISTING CROSSWALK

SEE NOTE

REMOVE EXISTING CROSSWALK

SEE NOTE

EXISTING CROSSWALK

EXISTING CROSSWALK

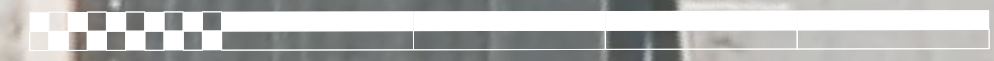
SEE NOTE

EXISTING CROSSWALK

SEE NOTE

NOTE: MAINTAIN EXISTING CURB RAMPS RETRO FIT ADDITIONAL CURB RAMPS WHERE SIDEWALK IS FLUSH WITH ROADWAY STD. 848.06

25' 0' 25' 50' 75' 100'



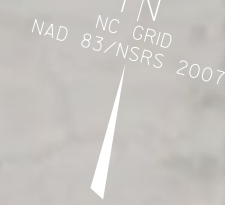
GRAPHIC SCALE

SYTIME\$\$\$\$\$ADDITIONS\$\$\$\$\$USLFRNMLL\$\$\$\$\$

1B

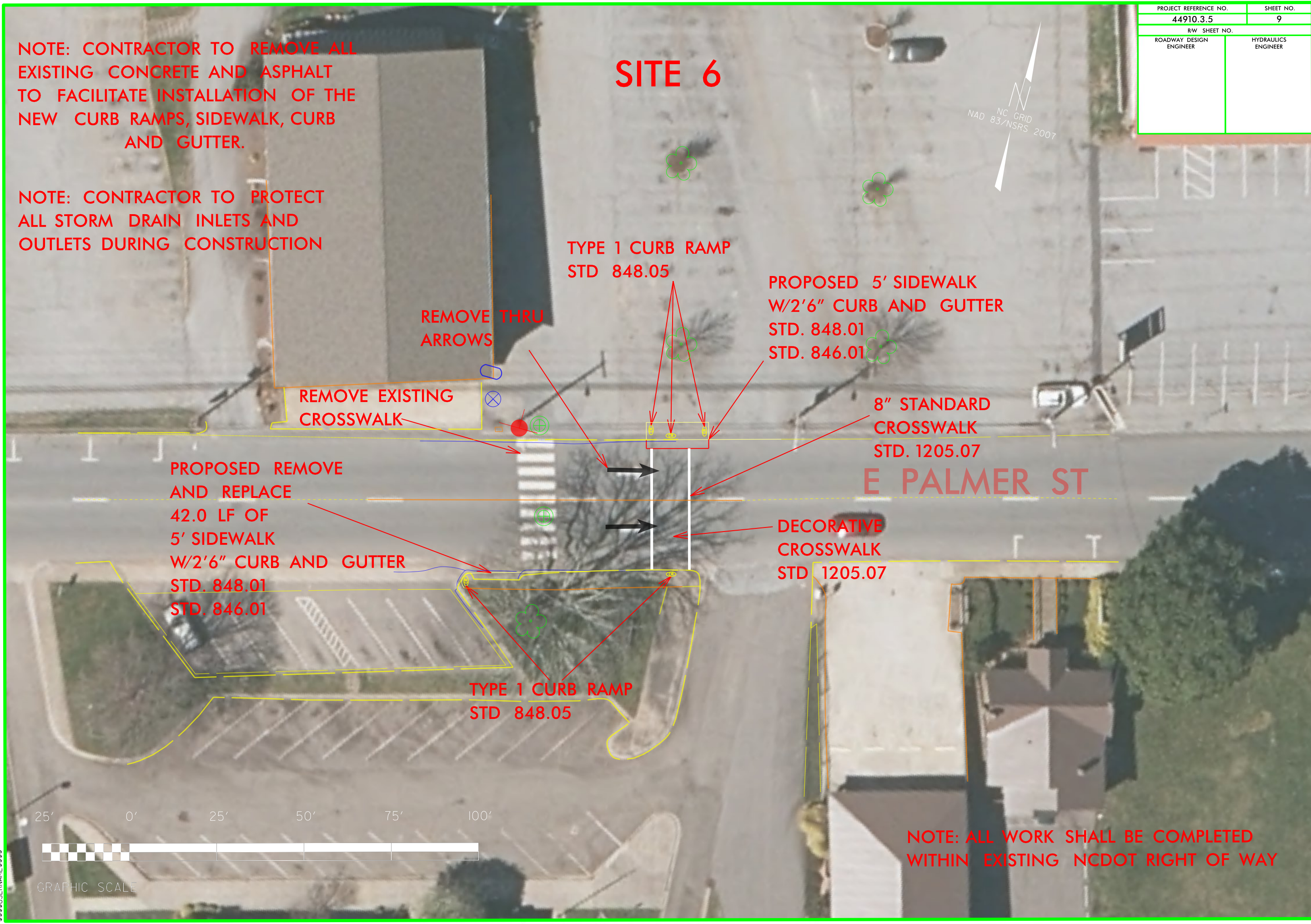
PROJECT REFERENCE NO. 44910.3.5	SHEET NO. 9
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SITE 6



NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS, SIDEWALK, CURB AND GUTTER.

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION



PROPOSED REMOVE AND REPLACE 42.0 LF OF 5' SIDEWALK W/2'6" CURB AND GUTTER STD. 848.01 STD. 846.01

REMOVE THRU ARROWS

REMOVE EXISTING CROSSWALK

TYPE 1 CURB RAMP STD 848.05

PROPOSED 5' SIDEWALK W/2'6" CURB AND GUTTER STD. 848.01 STD. 846.01

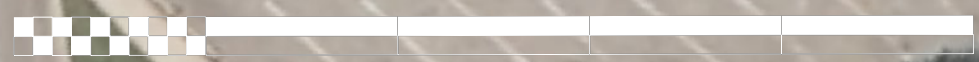
8" STANDARD CROSSWALK STD. 1205.07

E PALMER ST

DECORATIVE CROSSWALK STD 1205.07

TYPE 1 CURB RAMP STD 848.05

25' 0' 25' 50' 75' 100'



GRAPHIC SCALE

NOTE: ALL WORK SHALL BE COMPLETED WITHIN EXISTING NCDOT RIGHT OF WAY

SYSTEMS ENGINEERING
 CONSULTING
 ARCHITECTS
 INC.