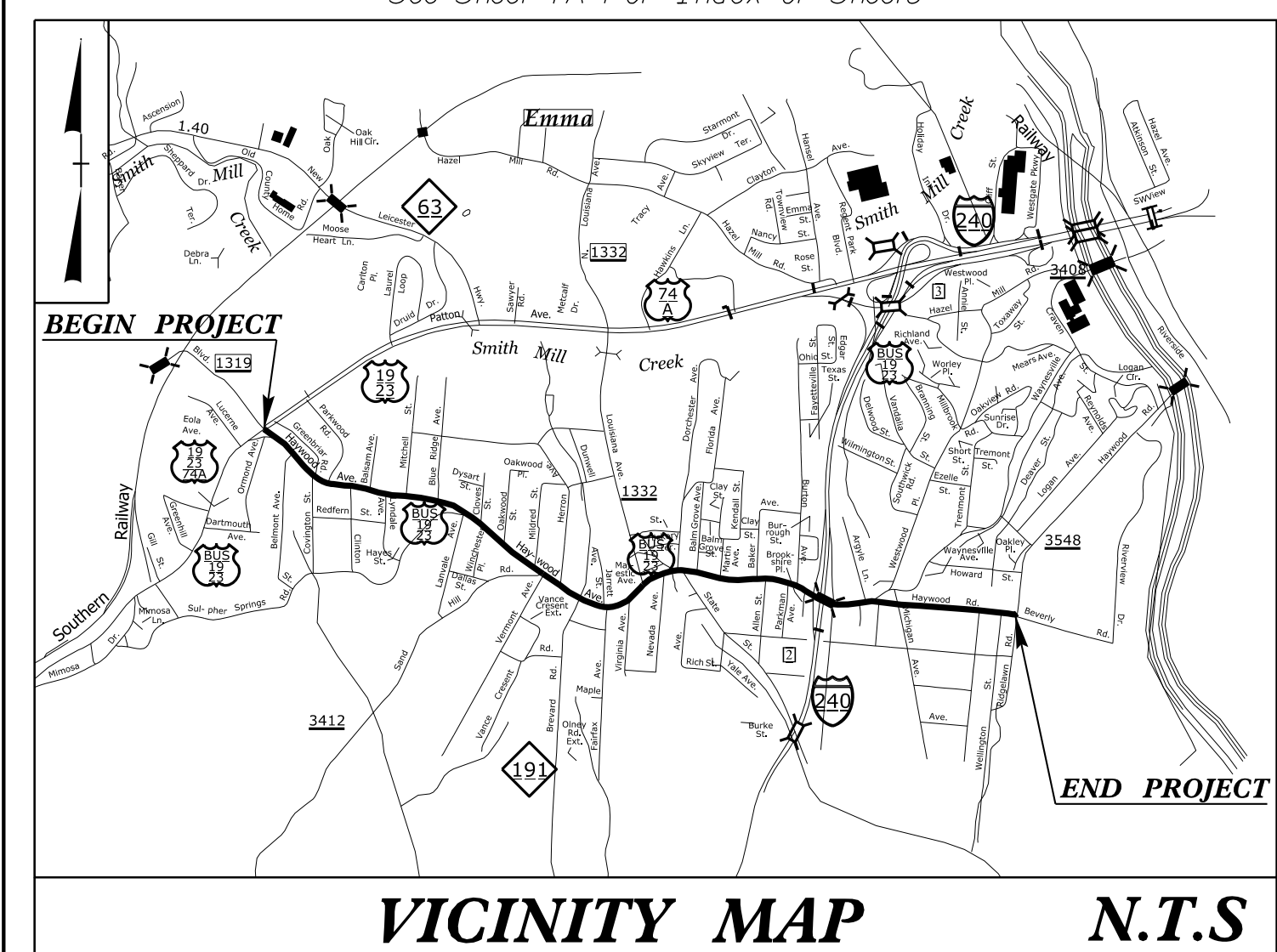


09.08/24

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TIP PROJECT: HL-0003
CONTRACT: C205049

See Sheet 1A For Index of Sheets



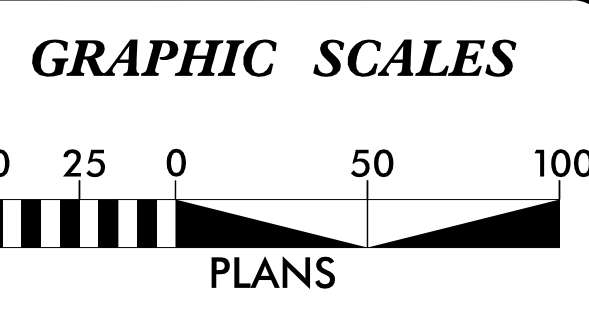
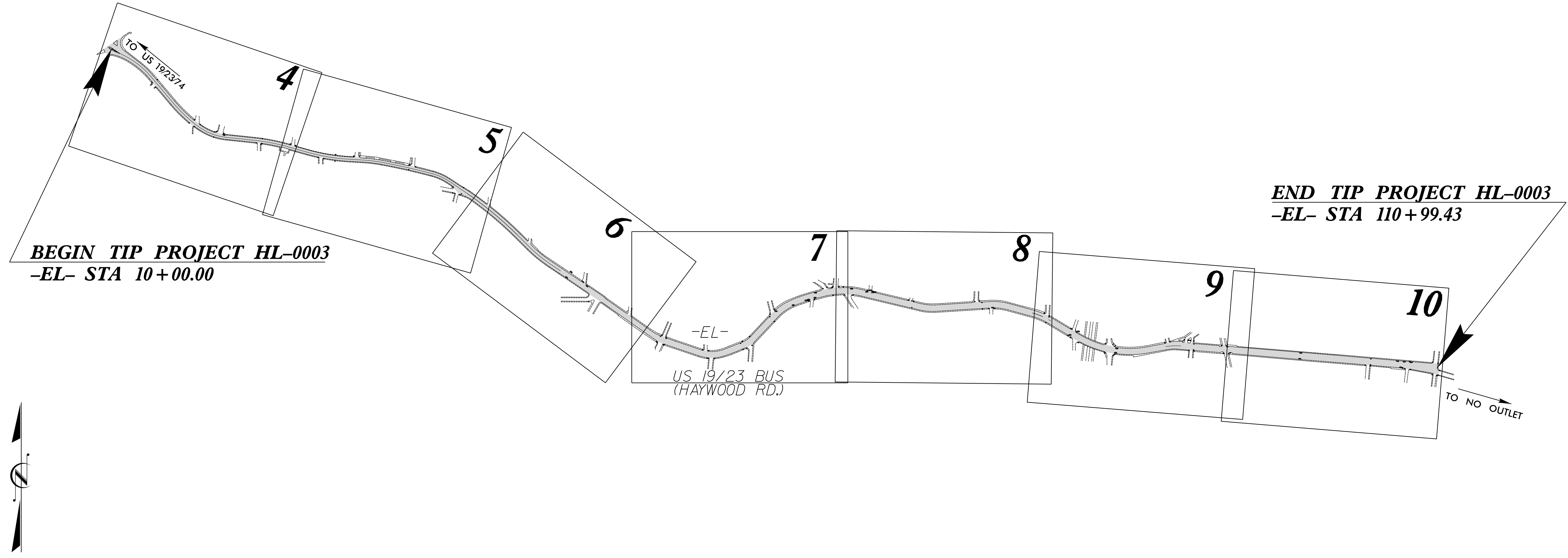
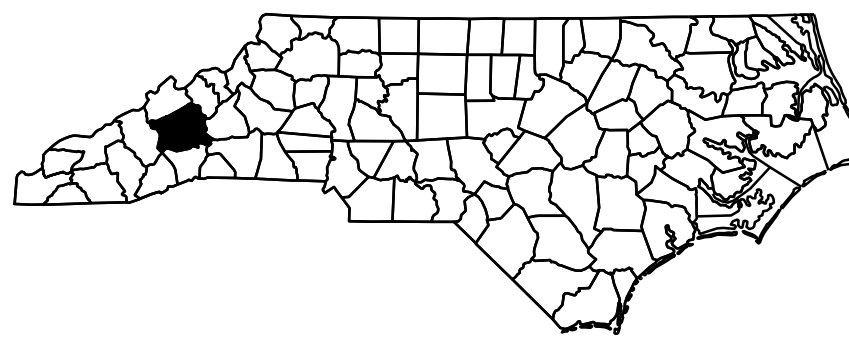
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BUNCOMBE

**LOCATION: US 19 /23 BUSINESS (HAYWOOD ROAD)
FROM US 19/23/74 (PATTON AVE.) TO RIDGELAWN RD.**

TYPE OF WORK: DRAINAGE, PAVING, AND SIGNALS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HL-0003	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49467.1.1	0019064	P.E.	
49467.2.1	0019064	RW	
49467.3.1	0019064	CONST.	



DESIGN DATA
ADT 2020 = 11,400
V = 20 MPH

FUNC CLASS =
MINOR ARTERIAL
REGIONAL TIER

PROJECT LENGTH
LENGTH ROADWAY TIP PROJECT HL-0003 = 1.91 MILES

Prepared In the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: BRENDAN W. MERITHEW, P.E.
PROJECT ENGINEER

LETTING DATE: WILLIAM C. CARVER, P.E.
PROJECT DESIGN ENGINEER
FEBRUARY 18, 2025

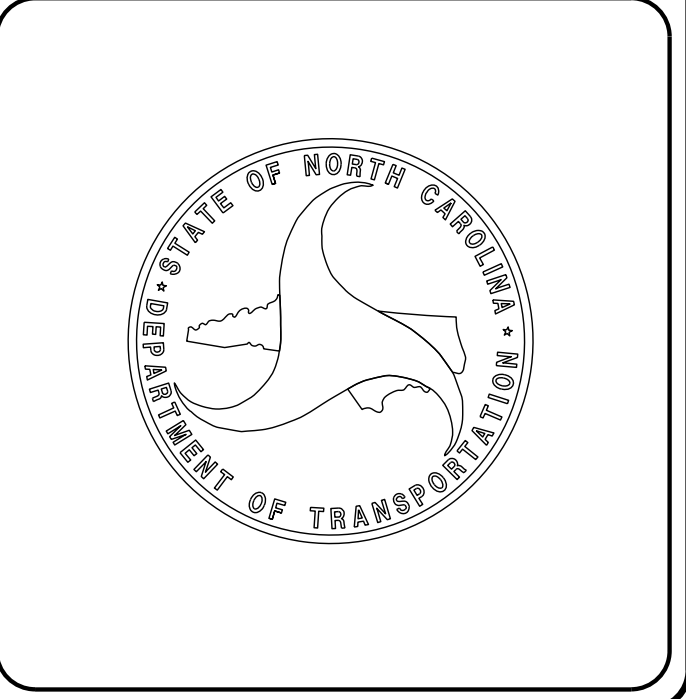
HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

12/09/2024

DocuSigned by:
William C Carver
163926A8519349F...
SIGNATURE: _____ P.E.



STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin (EIP)	○
Computed Property Corner	×
Existing Concrete 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-☠-s-
Potential Contamination Area: Soil	☠-s-☠-s-
Known Contamination Area: Water	☠-w-☠-w-
Potential Contamination Area: Water	☠-w-☠-w-
Contaminated Site: Known or Potential	☠ ?

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○
Well	○
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	WLB
Proposed Lateral, Tail, Head Ditch	-----
False Sump	▽

RAILROADS:

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

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	●
Secondary Horiz and Vert Control Point	◆
Vertical Benchmark	⊕
Existing Right of Way Monument	△
Proposed Right of Way Monument (Rebar and Cap)	▲
Proposed Right of Way Monument (Concrete)	▲
Existing Permanent Easement Monument	◇
Proposed Permanent Easement Monument (Rebar and Cap)	◆
Existing C/A Monument	△
Proposed C/A Monument (Rebar and Cap)	▲
Proposed C/A Monument (Concrete)	▲
Existing Right of Way Line	-----
Proposed Right of Way Line	-----
Existing Control of Access Line	-----
Proposed Control of Access Line	-----
Proposed ROW and CA Line	-----
Existing Easement Line	-----
Proposed Temporary Construction Easement	E
Proposed Temporary Drainage Easement	TDE
Proposed Permanent Drainage Easement	PDE
Proposed Permanent Drainage/Utility Easement	DUE
Proposed Permanent Utility Easement	PUE
Proposed Temporary Utility Easement	TUE
Proposed Aerial Utility Easement	AUE

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----
Proposed Slope Stakes Fill	-----
Proposed Curb Ramp	-----
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	-----
Bridge Wing Wall, Head Wall and End Wall	-----
MINOR:	
Head and End Wall	-----
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	-----
Paved Ditch Gutter	-----
Storm Sewer Manhole	-----
Storm Sewer	-----

UTILITIES:

* SUE - Subsurface Utility Engineering
LOS - Level of Service - A,B,C or D (Accuracy)

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 Test Hole (SUE - LOS A)*	⊕
U/G Power Line (SUE - LOS B)*	-----
U/G Power Line (SUE - LOS C)*	-----
U/G Power Line (SUE - LOS D)*	-----

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	⊕
Telephone Cell Tower	⊕
U/G Telephone Cable Hand Hole	⊕
U/G Telephone Test Hole (SUE - LOS A)*	⊕
U/G Telephone Cable (SUE - LOS B)*	-----
U/G Telephone Cable (SUE - LOS C)*	-----
U/G Telephone Cable (SUE - LOS D)*	-----
U/G Telephone Conduit (SUE - LOS B)*	-----
U/G Telephone Conduit (SUE - LOS C)*	-----
U/G Telephone Conduit (SUE - LOS D)*	-----
U/G Fiber Optics Cable (SUE - LOS B)*	-----
U/G Fiber Optics Cable (SUE - LOS C)*	-----
U/G Fiber Optics Cable (SUE - LOS D)*	-----

WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line Test Hole (SUE - LOS A)*	⊕
U/G Water Line (SUE - LOS B)*	-----
U/G Water Line (SUE - LOS C)*	-----
U/G Water Line (SUE - LOS D)*	-----
Above Ground Water Line	A/G Water

TV:

TV Pedestal	⊕
TV Tower	⊗
U/G TV Cable Hand Hole	⊕
U/G TV Test Hole (SUE - LOS A)*	⊕
U/G TV Cable (SUE - LOS B)*	-----
U/G TV Cable (SUE - LOS C)*	-----
U/G TV Cable (SUE - LOS D)*	-----
U/G Fiber Optic Cable (SUE - LOS B)*	-----
U/G Fiber Optic Cable (SUE - LOS C)*	-----
U/G Fiber Optic Cable (SUE - LOS D)*	-----

GAS:

Gas Valve	◇
Gas Meter	⊕
U/G Gas Line Test Hole (SUE - LOS A)*	⊕
U/G Gas Line (SUE - LOS B)*	-----
U/G Gas Line (SUE - LOS C)*	-----
U/G Gas Line (SUE - LOS D)*	-----
Above Ground Gas Line	A/G Gas

SANITARY SEWER:

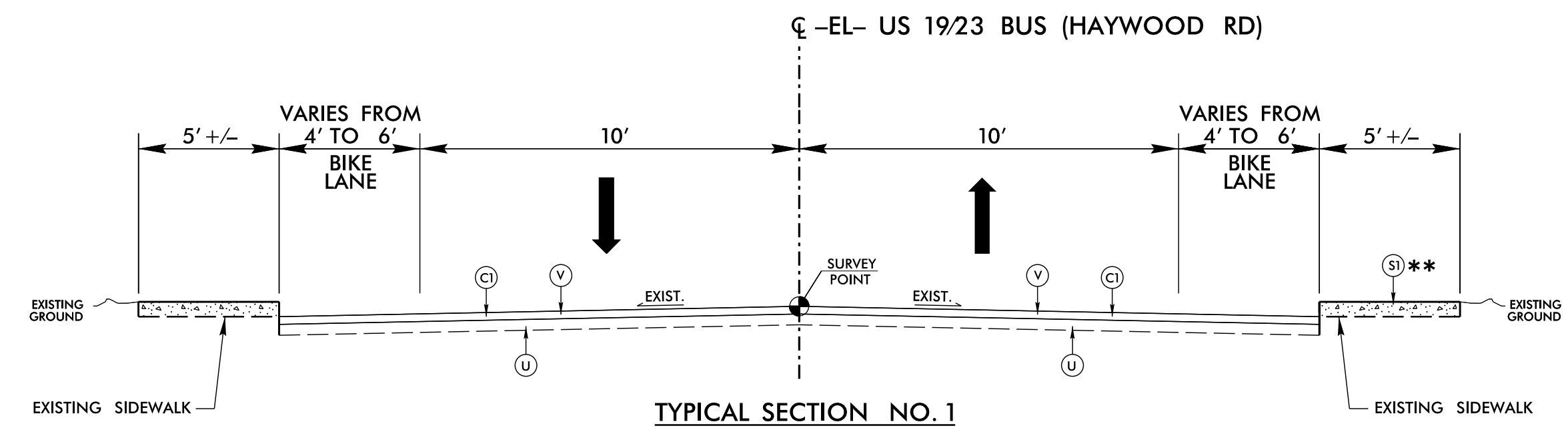
Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	SS
Above Ground Sanitary Sewer	A/G Sanitary Sewer
SS Force Main Line Test Hole (SUE - LOS A)*	⊕
SS Force Main Line (SUE - LOS B)*	-----
SS Force Main Line (SUE - LOS C)*	-----
SS Force Main Line (SUE - LOS D)*	-----

MISCELLANEOUS:

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

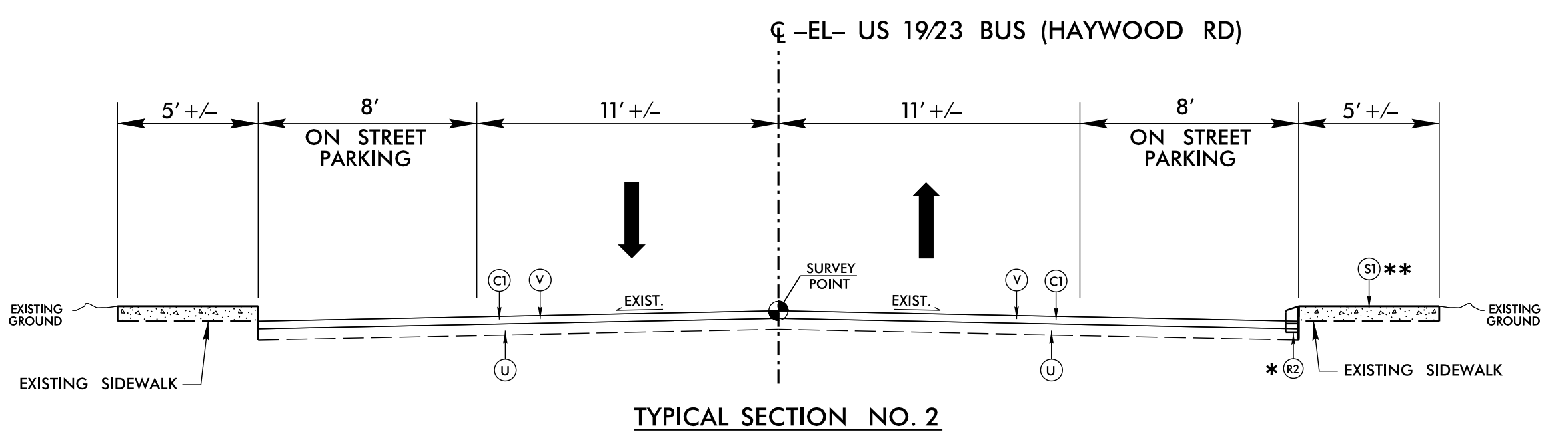
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PROJECT REFERENCE NO. <i>HL-0003</i>	SHEET NO. <i>2A-1</i>
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



USE TYPICAL SECTION NO. 1
-L- STA. 10+00 TO STA. 36+92

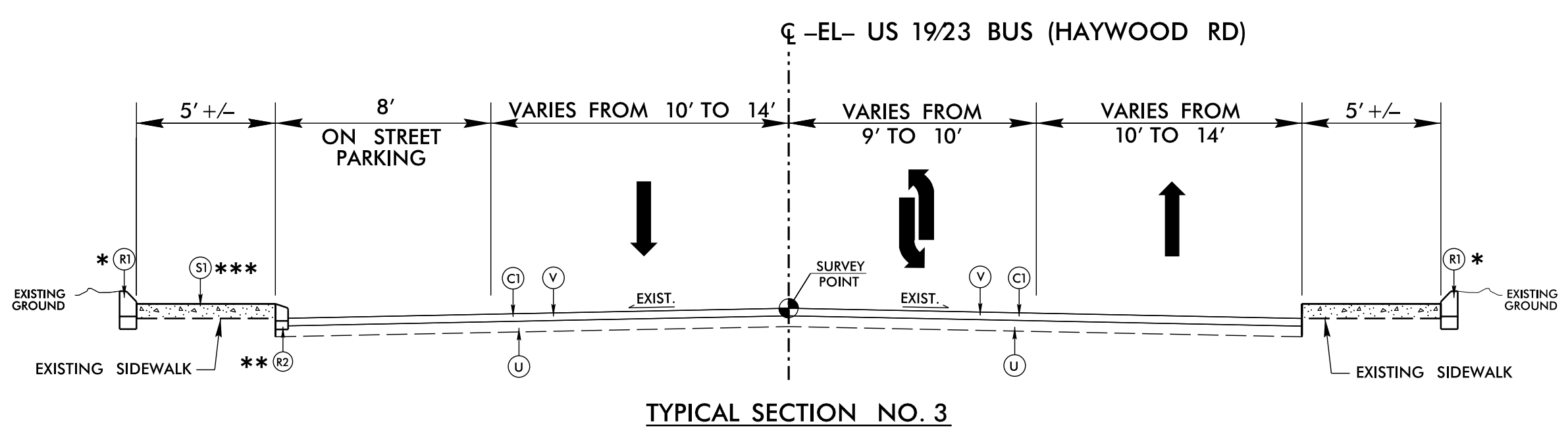
** INSTALL 4" CONCRETE SIDEWALK
-EL- STA. 36+79 +/- TO STA. 36+92 +/- RT



USE TYPICAL SECTION NO. 2
-L- STA. 36+92 TO STA. 49+00

* INSTALL 9" X 12" CONCRETE CURB
-EL- 37+49 +/- TO STA. 37+68 +/- RT

** INSTALL 4" CONCRETE SIDEWALK
-EL- STA. 37+49 +/- TO STA. 37+68 +/- RT

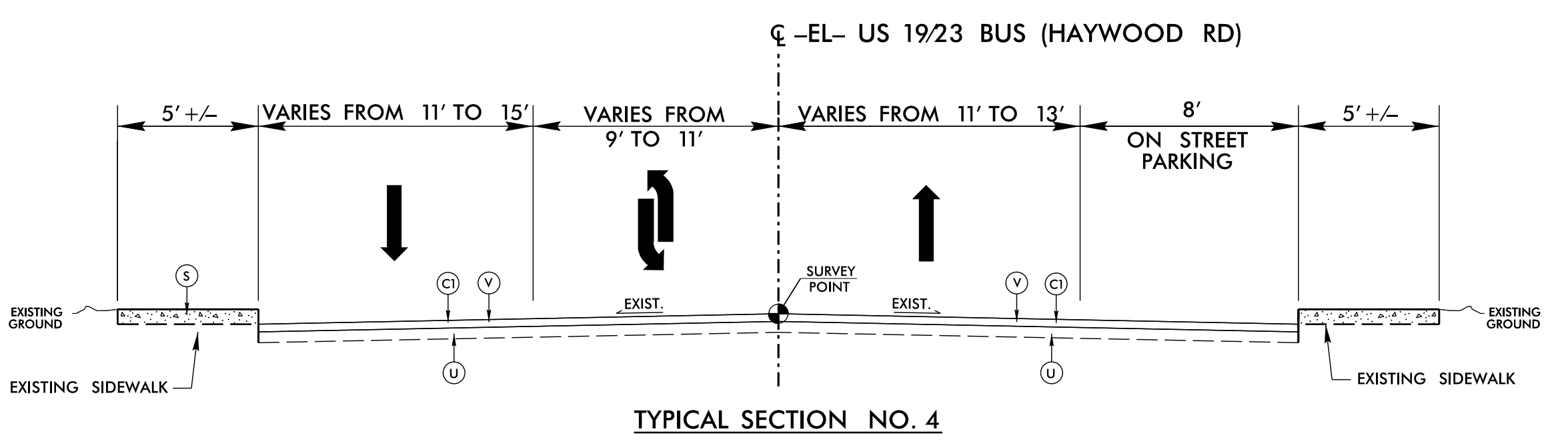


USE TYPICAL SECTION NO. 3
-L- STA. 49+00 TO STA. 69+50

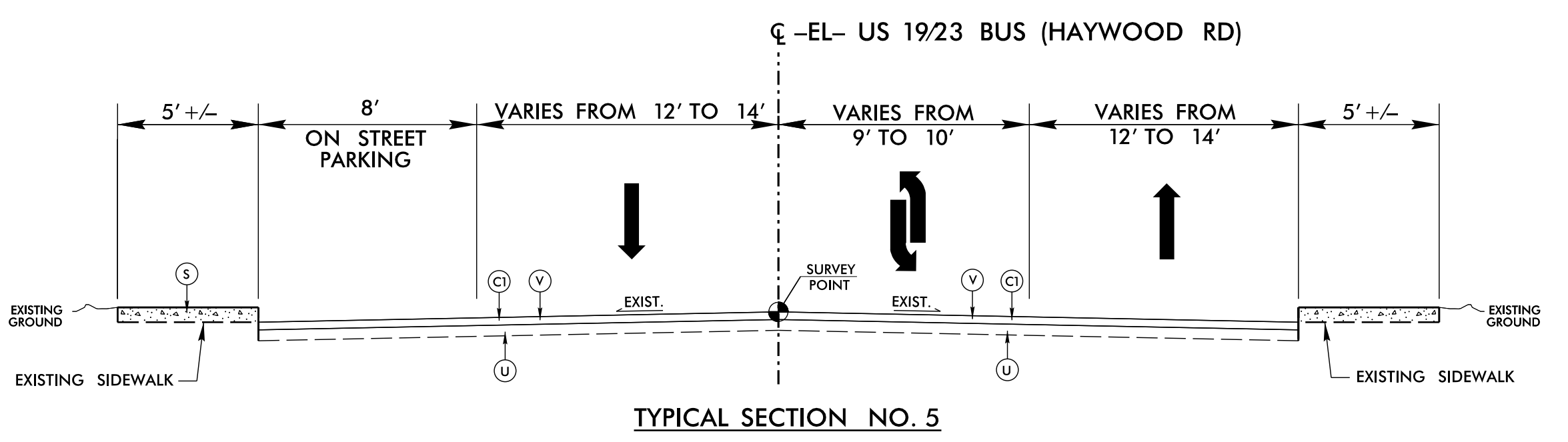
* INSTALL 8" X 12" CONCRETE CURB
-EL- STA. 60+61 +/- TO STA. 60+79 +/- RT
-EL- STA. 67+37 +/- TO STA. 67+47 +/- LT

** INSTALL 9" X 12" CONCRETE CURB
-EL- STA. 68+95 +/- TO STA. 69+05 +/- LT

*** INSTALL 4" CONCRETE SIDEWALK
-EL- STA. 68+95 +/- TO STA. 69+05 +/- LT



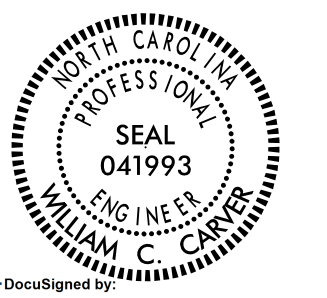
USE TYPICAL SECTION NO. 4
-L- STA. 69+50 TO STA. 75+00

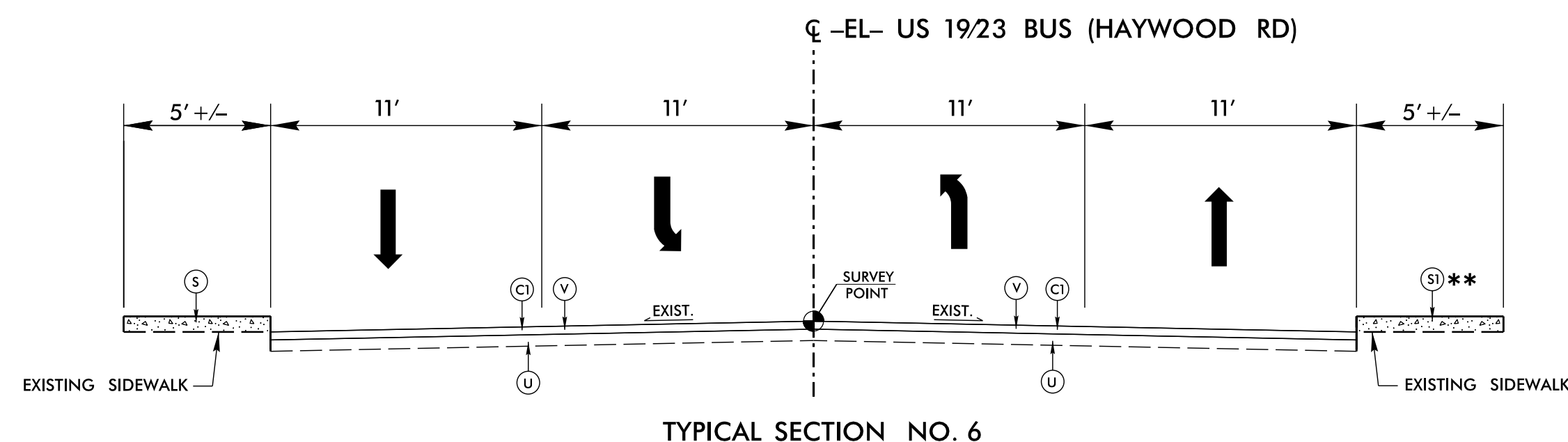


USE TYPICAL SECTION NO. 5
-L- STA. 75+00 TO STA. 85+50

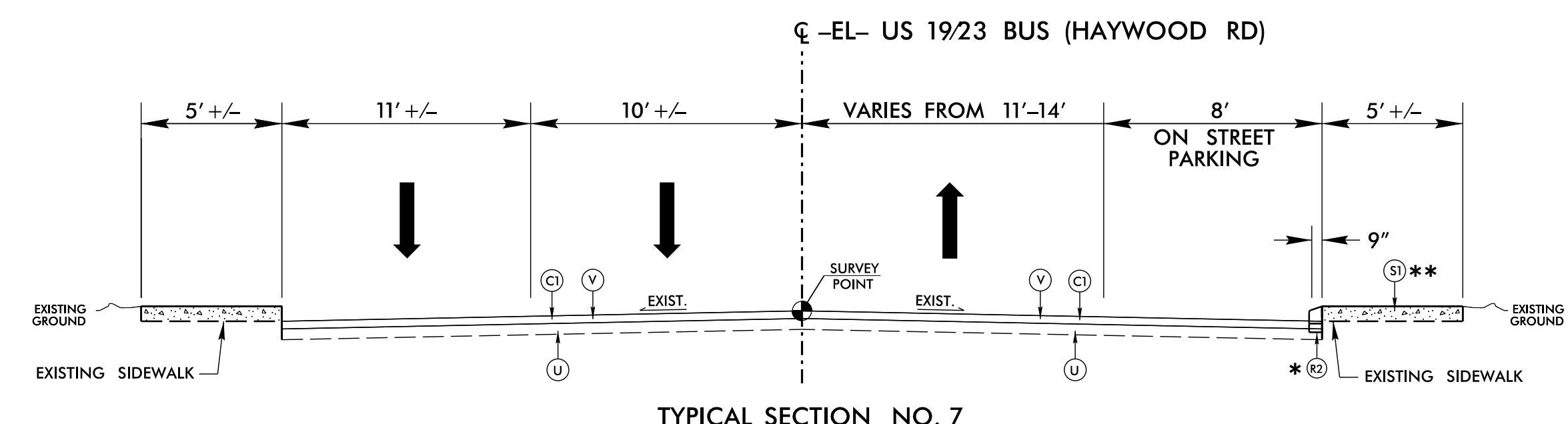
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. OER SQ. YARD
R1	8" X 12" CONCRETE CURB
R2	9" X 12" CONCRETE CURB
S1	4" CONCRETE SIDEWALK
U	EXISTING PAVEMENT
V	1.5" FINE MILLING
V1	INCIDENTAL MILLING

6/2/24

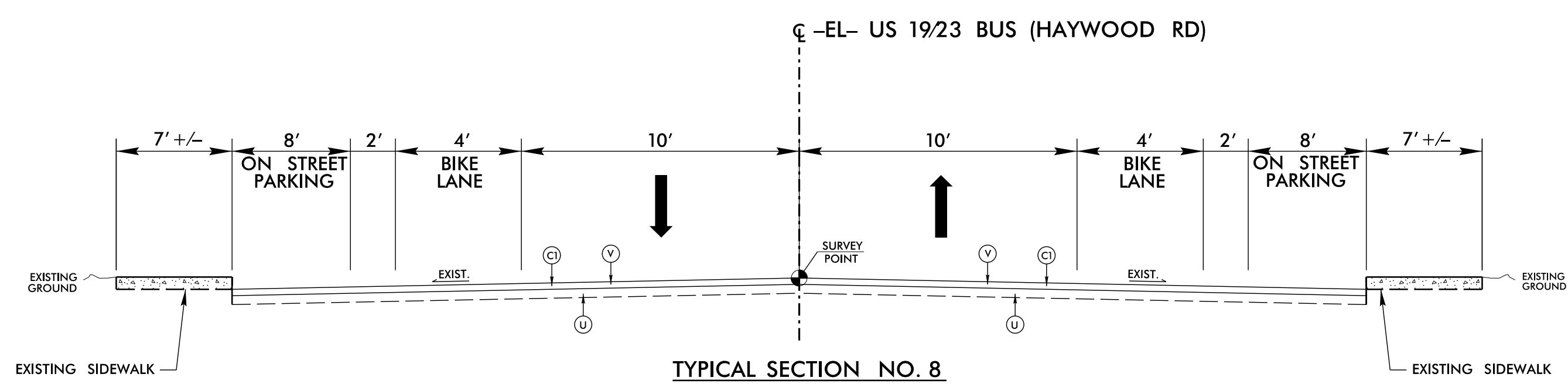
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ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
	
Digitally signed by <i>William C. Carter</i> 07/30/2024 1E3625A8B19349F	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



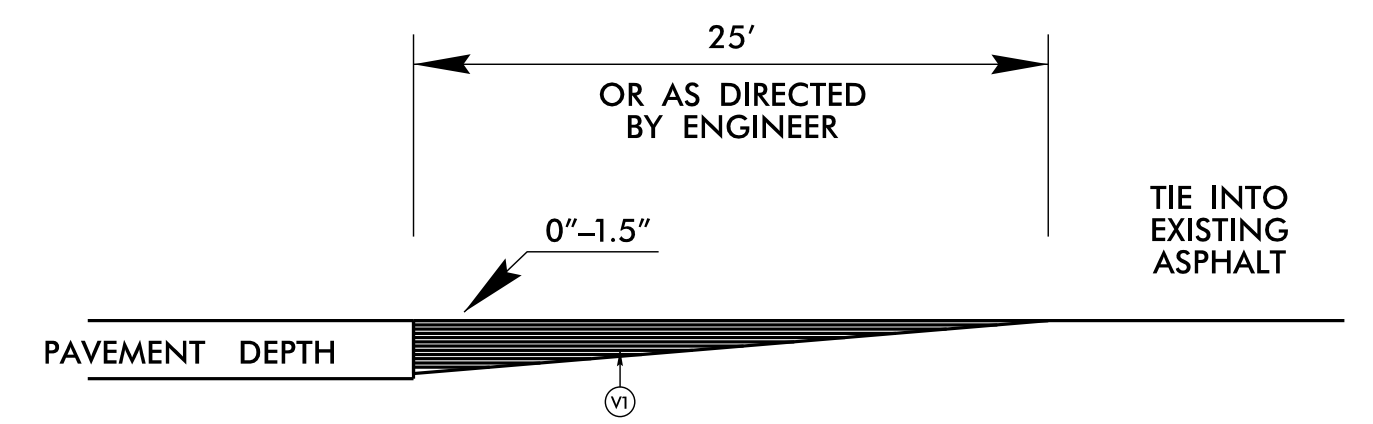
USE TYPICAL SECTION NO. 6
 -L- STA. 85+50 TO STA. 88+00
 ** INSTALL 4" CONCRETE SIDEWALK
 -EL- STA. 87+93 +/- TO STA. 87+99 +/- RT



USE TYPICAL SECTION NO. 7
 -L- STA. 88+00 TO STA. 94+22
 * INSTALL 9" X 12" CONCRETE CURB
 -EL- STA. 93+18 +/- TO STA. 93+43 +/- RT
 ** INSTALL 4" CONCRETE SIDEWALK
 -EL- STA. 93+18 +/- TO STA. 93+43 +/- RT



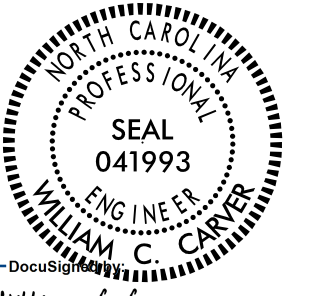
USE TYPICAL SECTION NO. 8
 -L- STA. 94+22 TO STA. 111+00



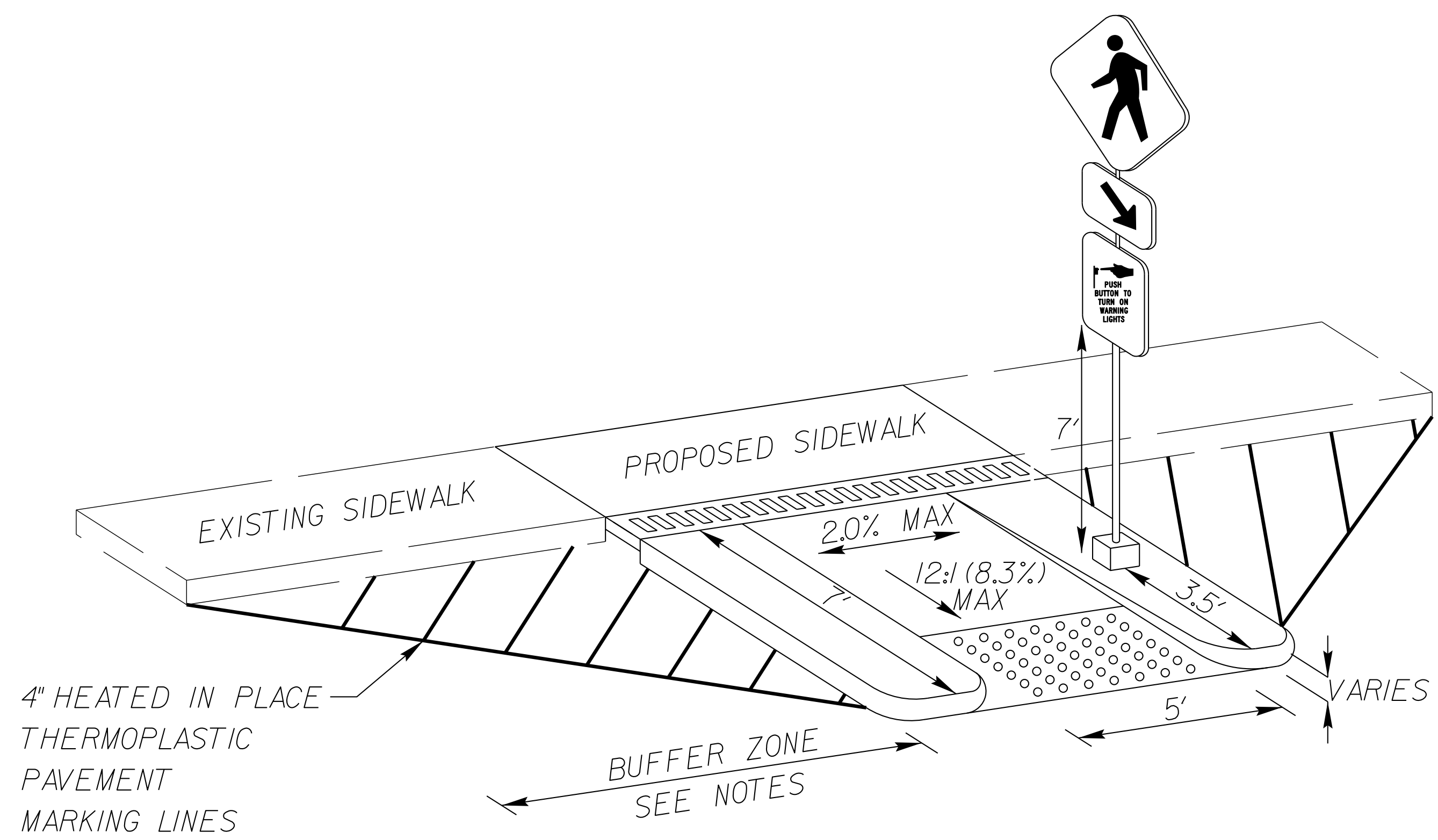
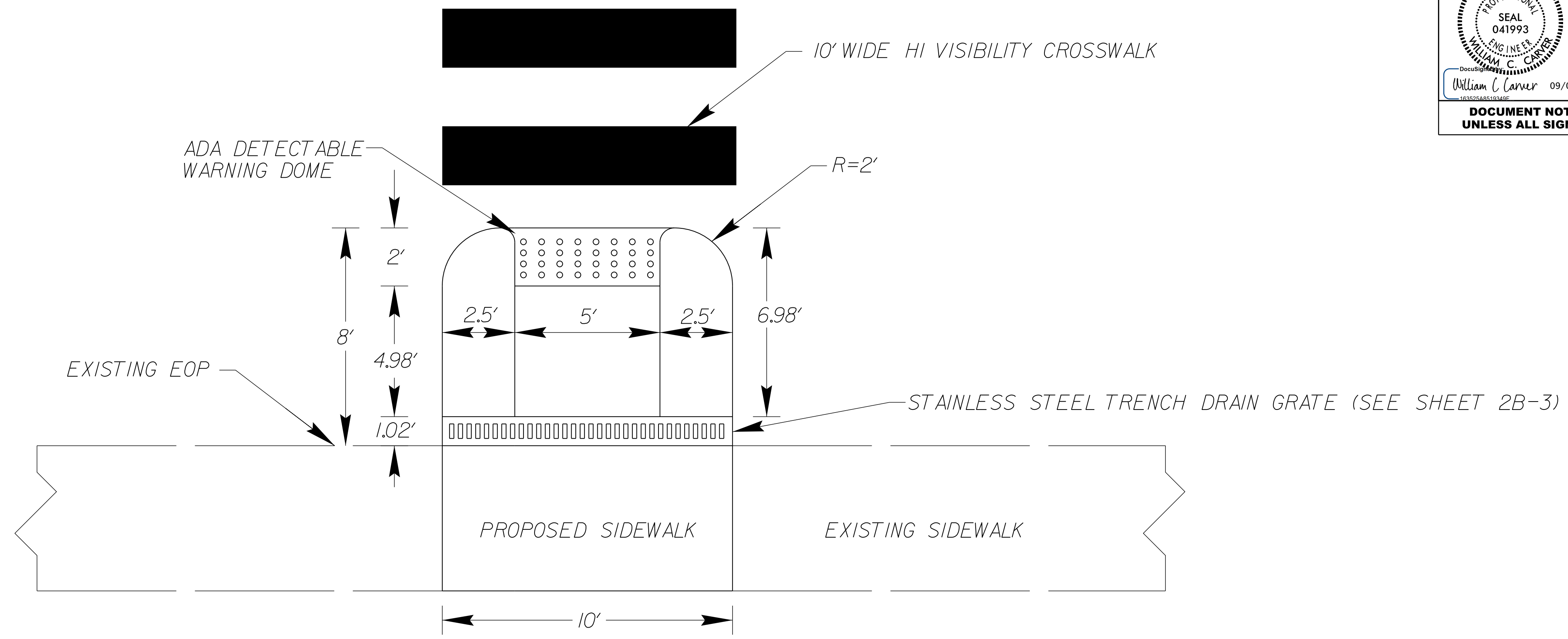
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. OER SQ. YARD
R1	8" X 12" CONCRETE CURB
R2	9" X 12" CONCRETE CURB
S1	4" CONCRETE SIDEWALK
U	EXISTING PAVEMENT
V	1.5" FINE MILLING
V1	INCIDENTAL MILLING

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 William C. Carter
 041993

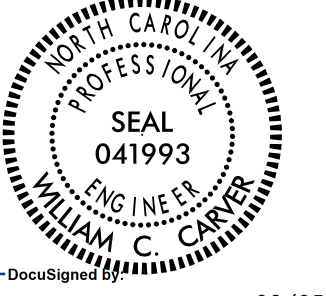
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 USER:ME

PROJECT REFERENCE NO. <i>HL-0003</i>	SHEET NO. <i>2B-1</i>
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
	
William C. Carver 09/05/2024 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

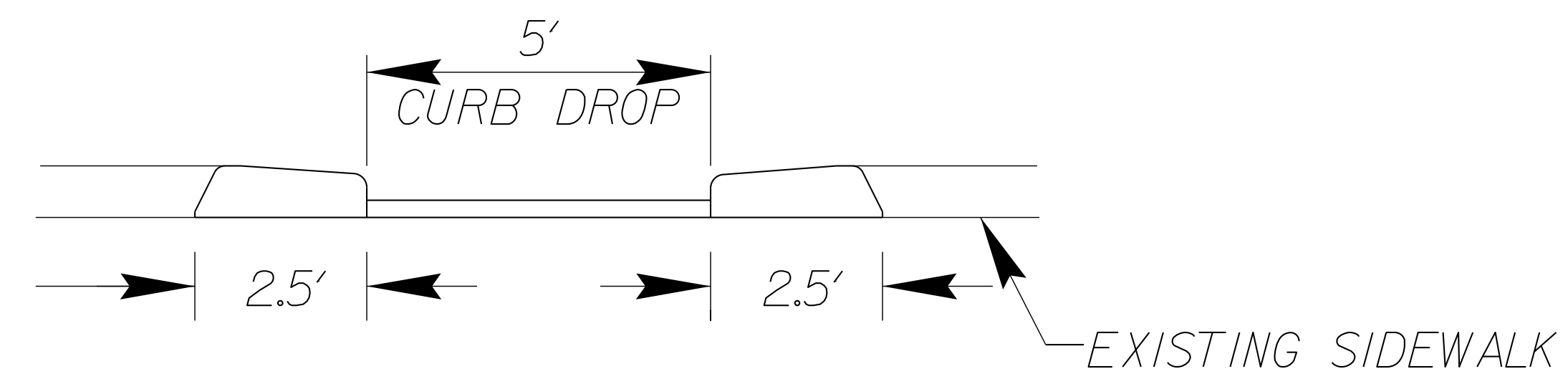
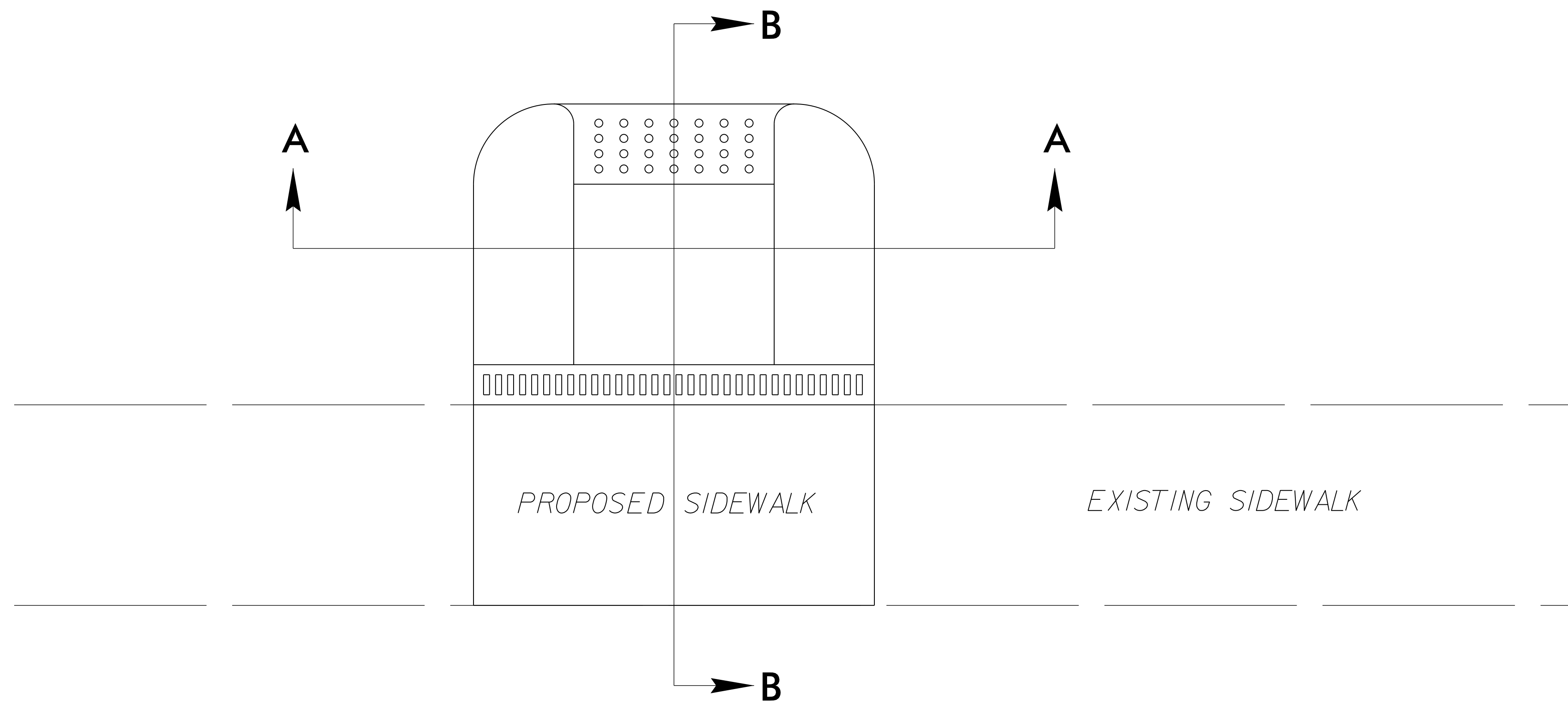
PEDESTRIAN BULBOUT DETAIL



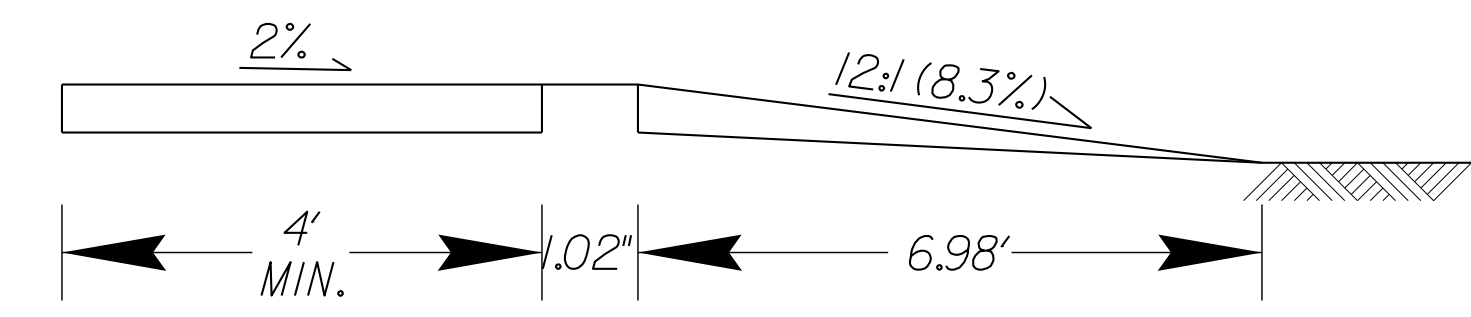
- NOTES:**
- USE CAST IRON DETECTABLE WARNINGS FOUND ON THE NCDOT APPROVED PRODUCTS LIST WITH A NATURAL FINISH TO ENCOURAGE A WEATHERED APPEARANCE LOOK AT LOCATIONS AS SHOWN IN THE PLANS. DETECTABLE WARNINGS SHALL BE APPROVED FOR USE BY THE ENGINEER PRIOR TO INSTALLATION.
 - BUFFER ZONE PAVEMENT MARKINGS SHALL BE A MINIMUM OF 20 FT IN LENGTH ON BOTH SIDES ON THE PEDESTRIAN BULB OUT AT MID BLOCK CROSSINGS.
 - BUFFER ZONE PAVEMENT MARKINGS SHALL BE A MINIMUM OF 30 FT IN LENGTH BETWEEN THE PEDESTRIAN BULB OUT AND SIGNALIZED INTERSECTIONS.

PROJECT REFERENCE NO. <i>HL-0003</i>	SHEET NO. <i>2B-2</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	
<i>William C. Carver</i>	09/05/2024
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PEDESTRIAN BULBOUT DETAIL (CONT.)



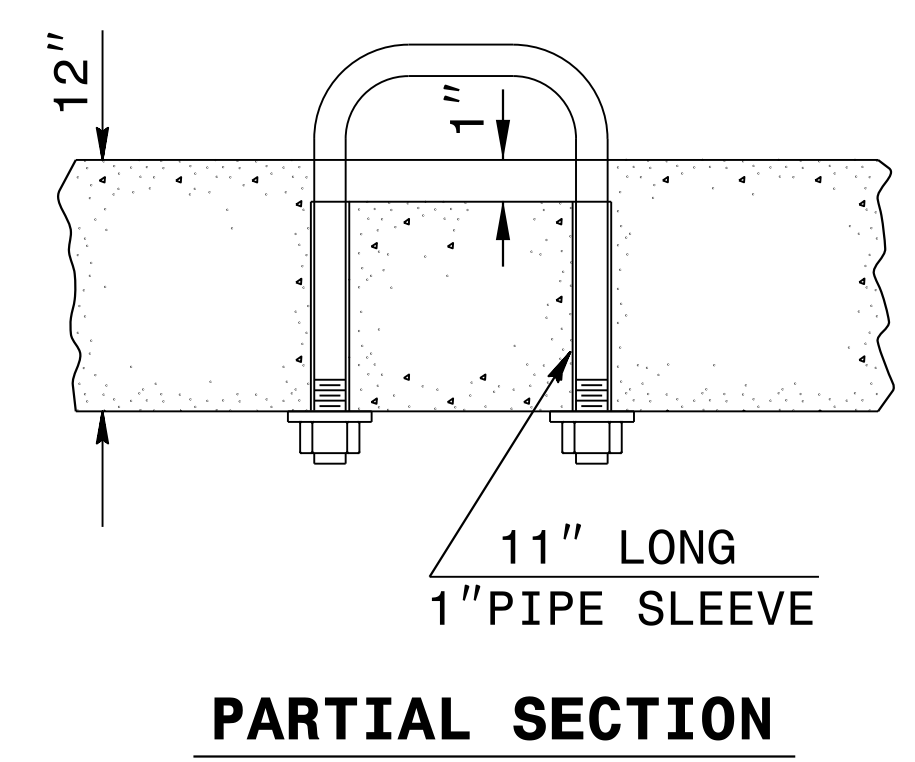
SECTION A-A



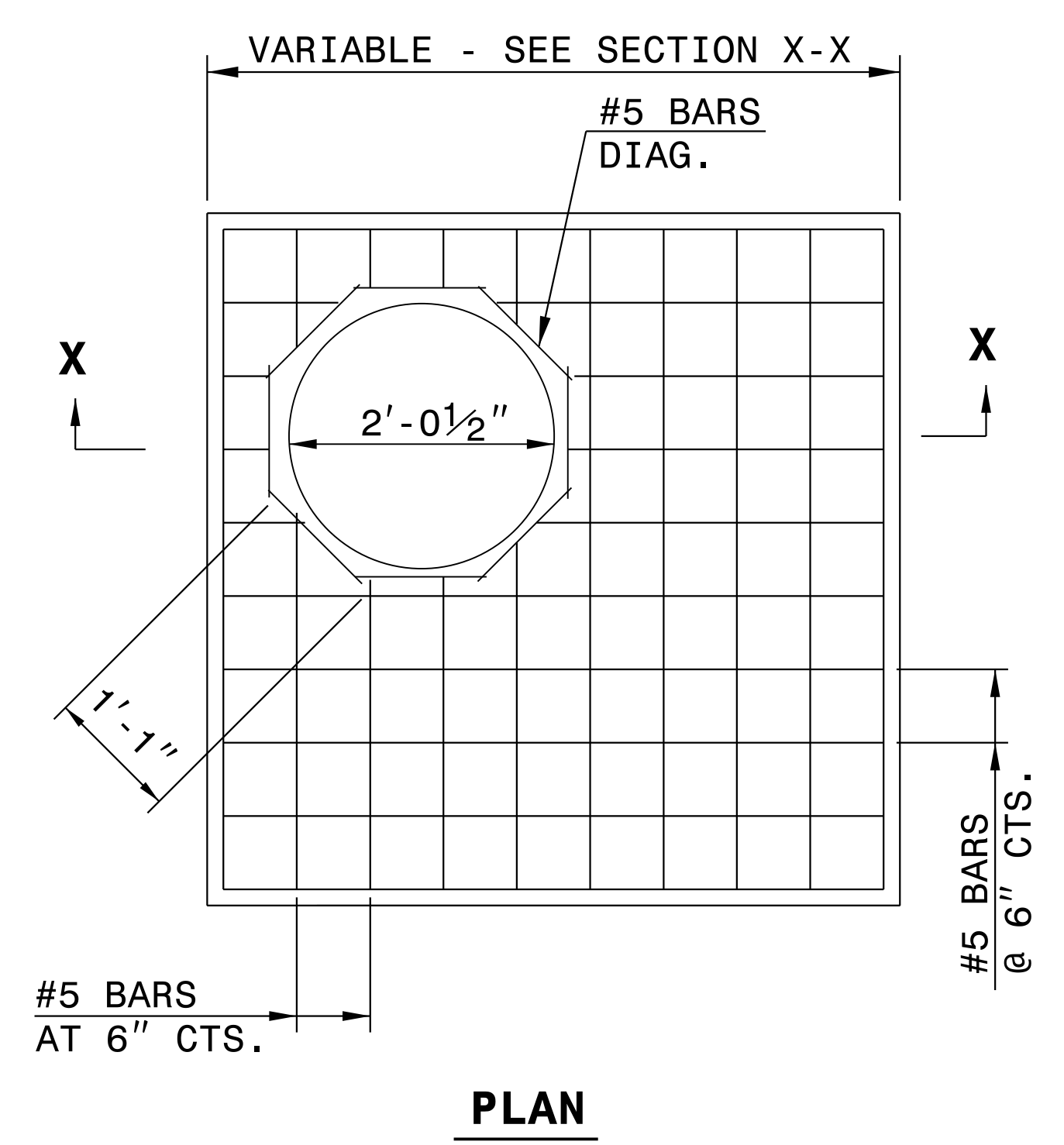
SECTION B-B

REVISIONS
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 \$\$\$\$\$\$ USER NAME \$\$\$\$\$\$

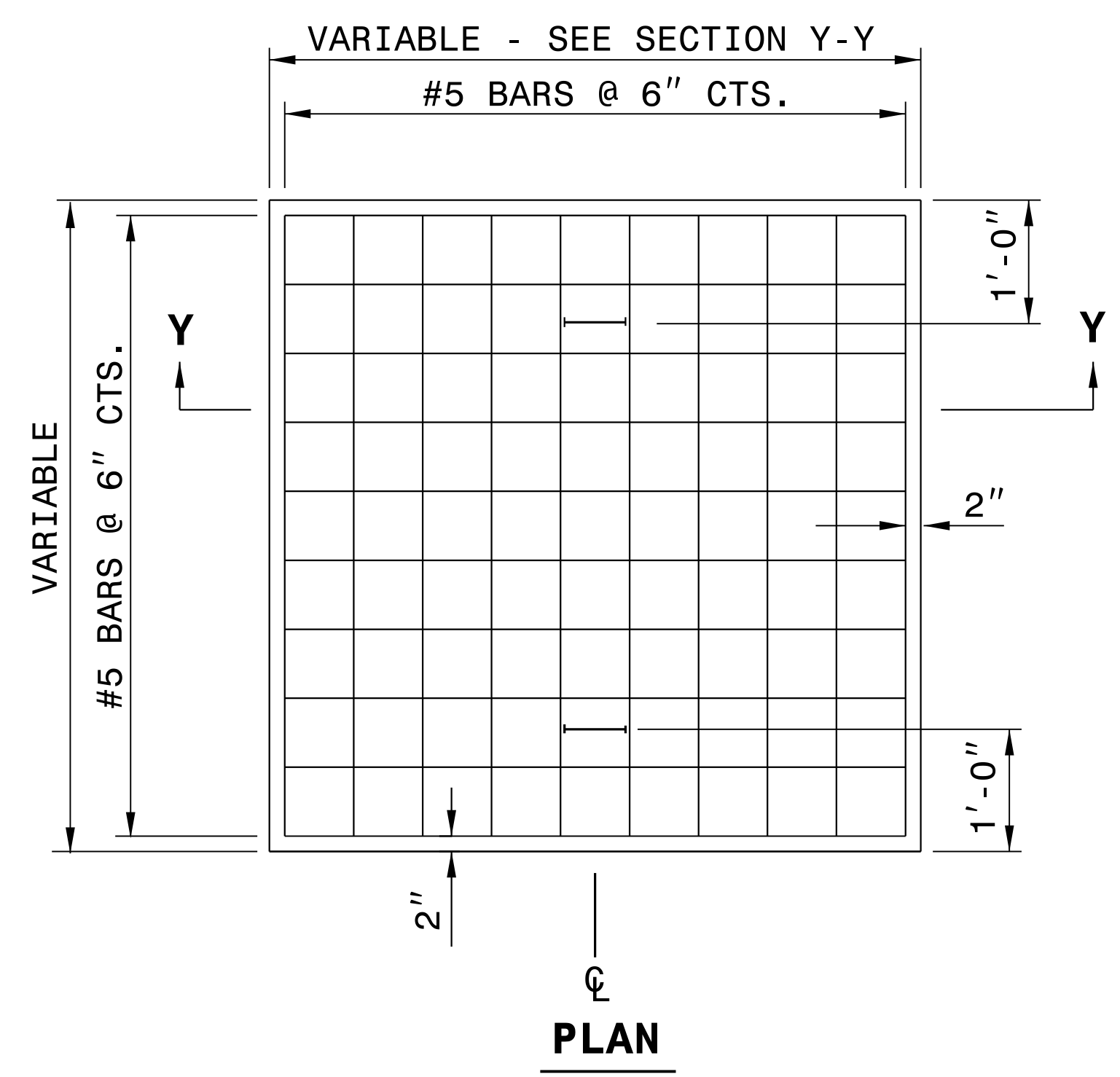
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PARTIAL SECTION



PLAN



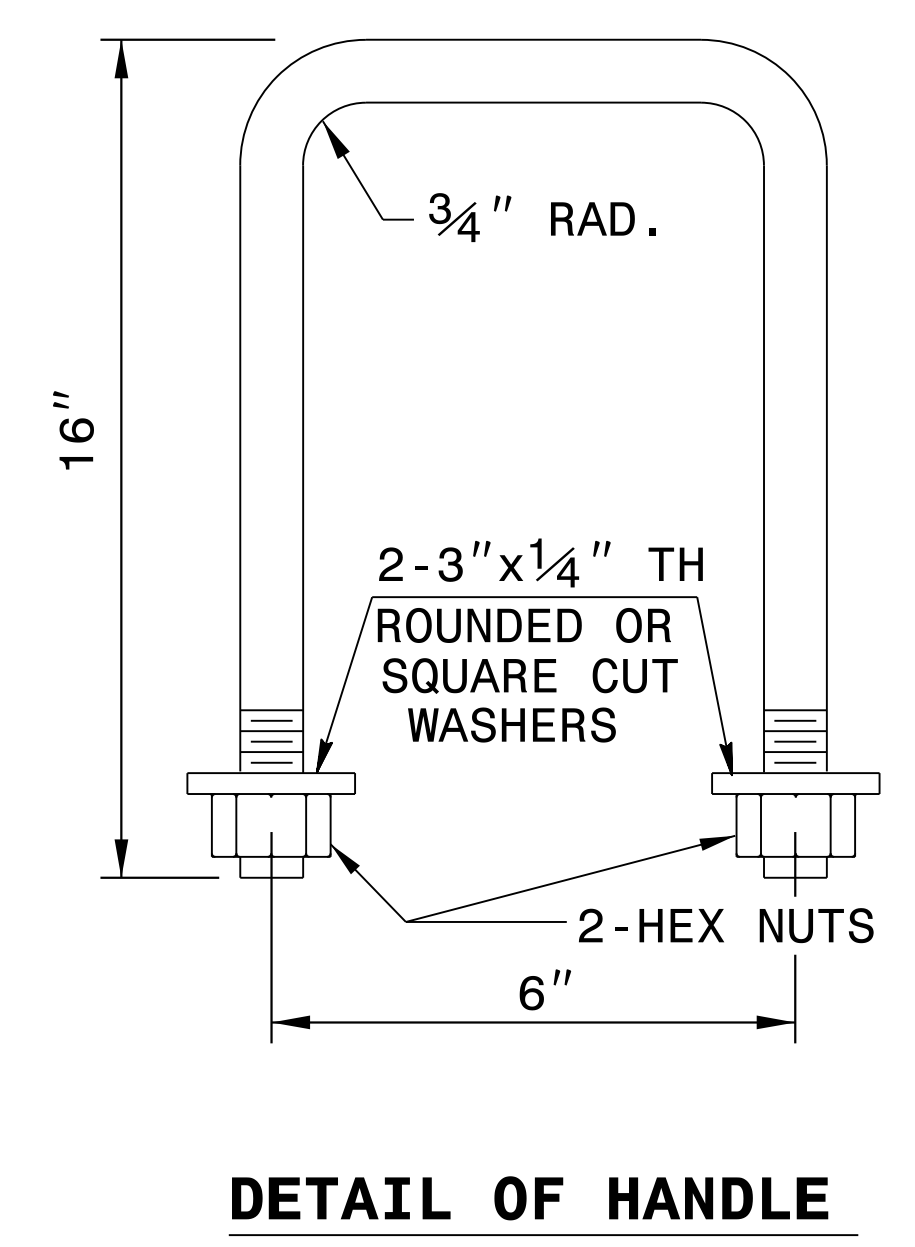
PLAN

GENERAL NOTES:
 CONSTRUCT IN ACCORDANCE WITH SECTION 859 OF THE STANDARD SPECIFICATIONS.
 FIELD VERIFY THE DIMENSIONS FOR THE EXISTING BOXES.

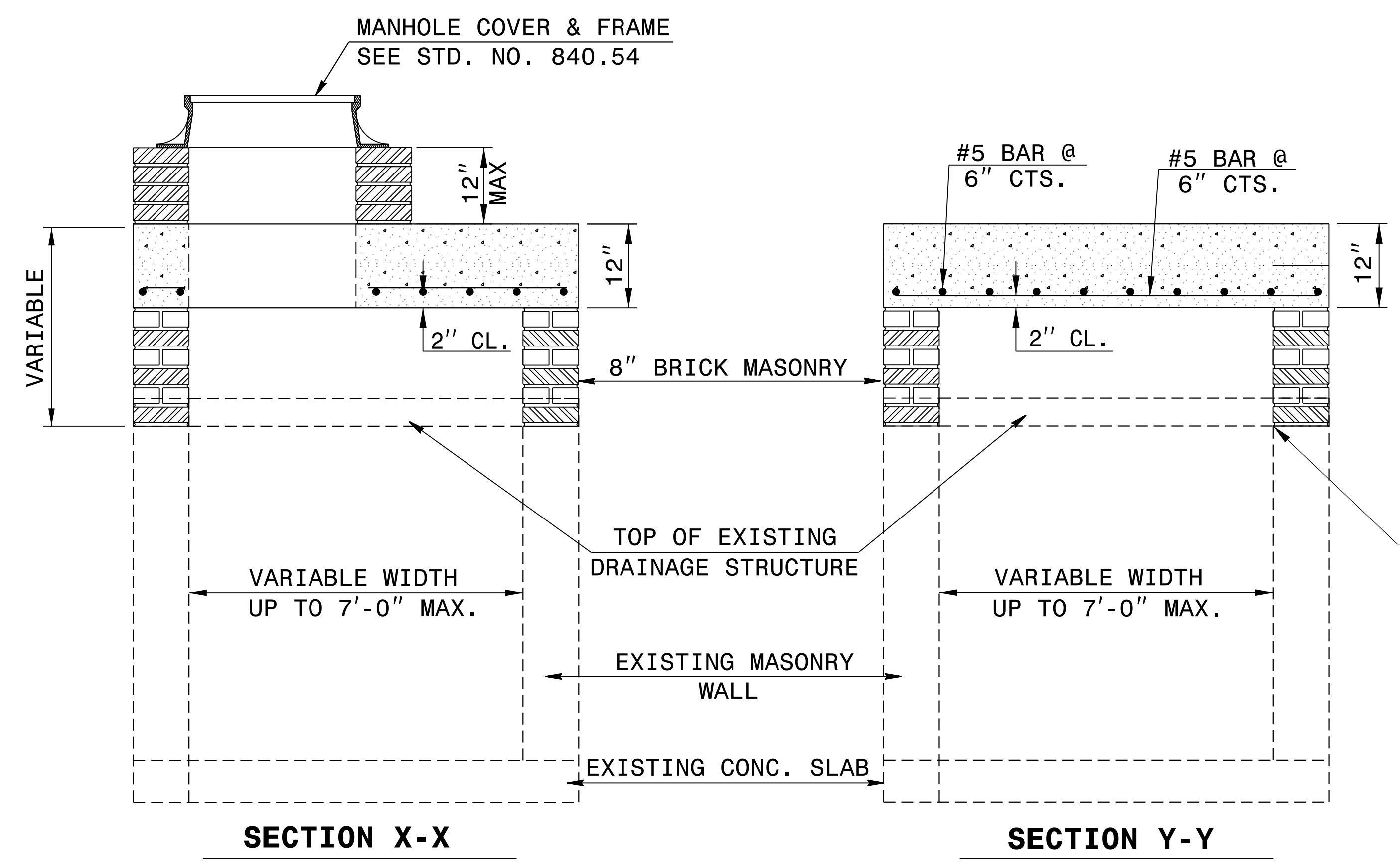
BILL OF MATERIALS

MASONRY			
TOP SLAB CONCRETE CLASS "A"		.037YDS ³	PER FT ²
BRICK MASONRY		.025YDS ³	PER FT ²
REINFORCING STEEL		7.64LBS	PER FT ²
MANHOLE OPTION QUANTITIES			
SIZE	QTY.	LENGTH	REINF. STEEL LBS.
#5 DIAG.	8	1'-1"	9.04

NOTE:
 CONCRETE AND REINFORCING STEEL QUANTITIES BASED ON SQUARE FOOT AREA OF THE PROPOSED TOP SLAB FOR THE EXISTING DRAINAGE STRUCTURE.
 BRICK MASONRY QUANTITY IS BASED ON THE TOTAL SQUARE FOOTAGE OF EXTERIOR WALL SURFACE AREA TO BE CONSTRUCTED.



DETAIL OF HANDLE



SECTION X-X

SECTION Y-Y

ALIGN PROPOSED BRICK VERTICAL ADJUSTMENT TO INNER FACE OF WALL



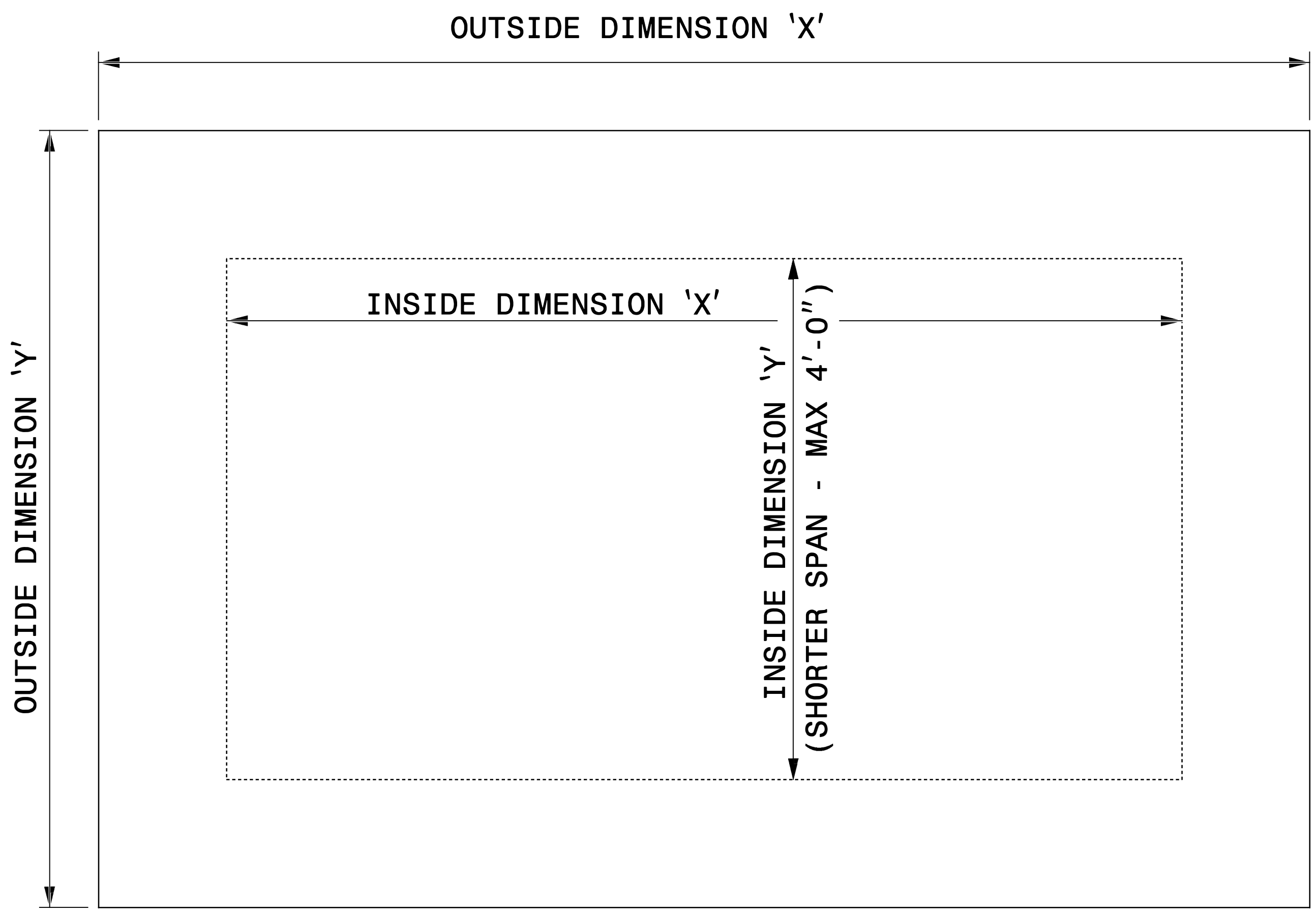
DocuSigned by:
 Nicole M. Hecker
 588423D34164C5

CONTRACT STANDARDS AND DEVELOPMENT UNIT
 Office 919-707-6950 FAX 919-250-4119
DETAIL TO CONVERT EXISTING TRAFFIC BEARING DROP INLET OR CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX (MANHOLE OPTIONAL)

ORIGINAL BY: T.S.S. DATE: FEB. 2000
 MODIFIED BY: E.E.W. DATE: NOV. 2001
 CHECKED BY: DATE:
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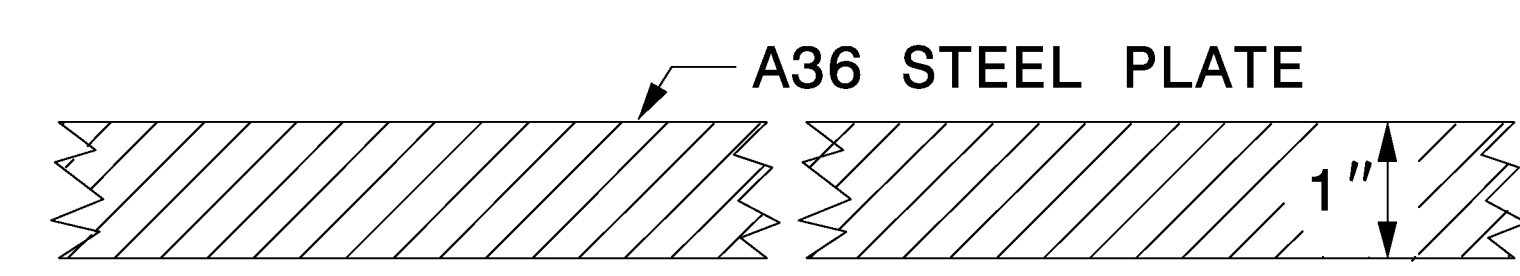
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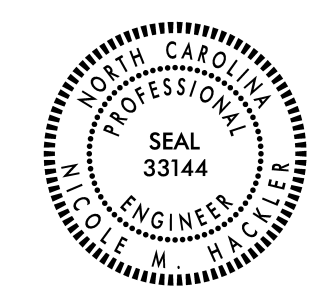
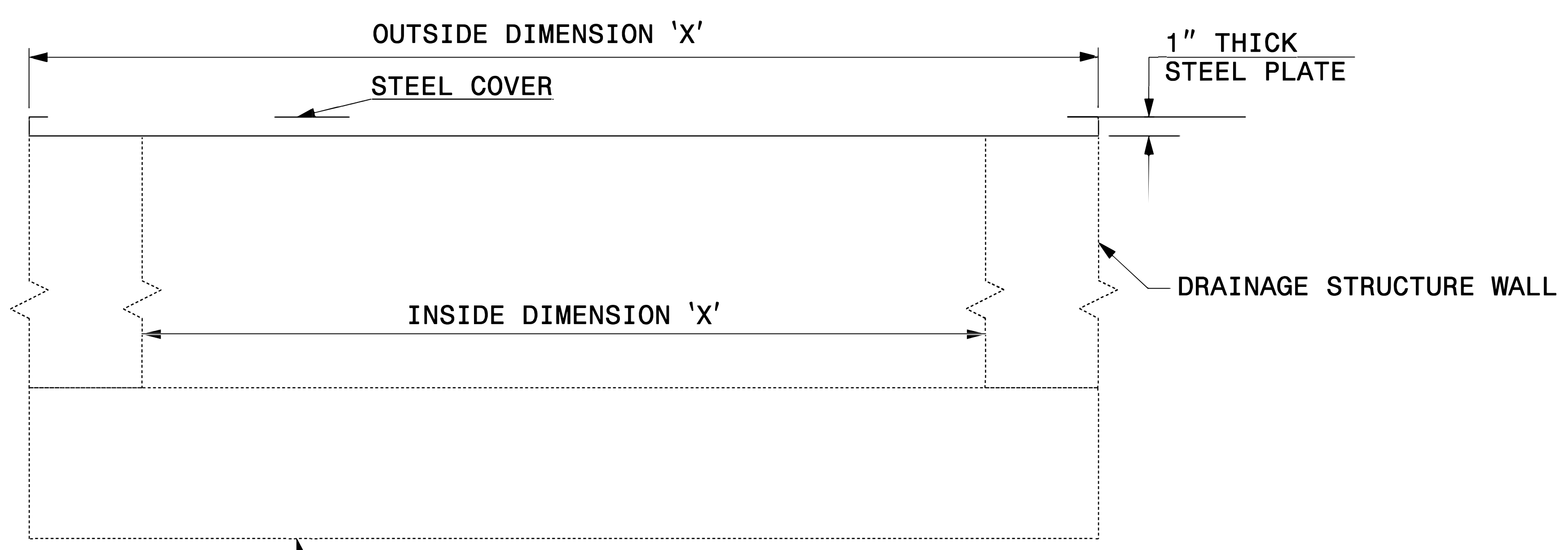
GENERAL NOTES:

- USE GRADE A36 STEEL
- STEEL COVERS ARE FOR TEMPORARY USE DURING PHASE CONSTRUCTION.
- FILL SHALL BE PLACED DIRECTLY OVER THE STEEL PLATES.
- SEE ROADWAY PLANS AND PROVISIONS FOR LOCATIONS
- QUANTITIES TO BE PAID FOR AT THE UNIT PRICE BID PER EACH.



SECTION VIEW OF STEEL TOP PLATE

PLAN VIEWS



DocuSigned by:
Nicole M. Hecker
588425D34164C5

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

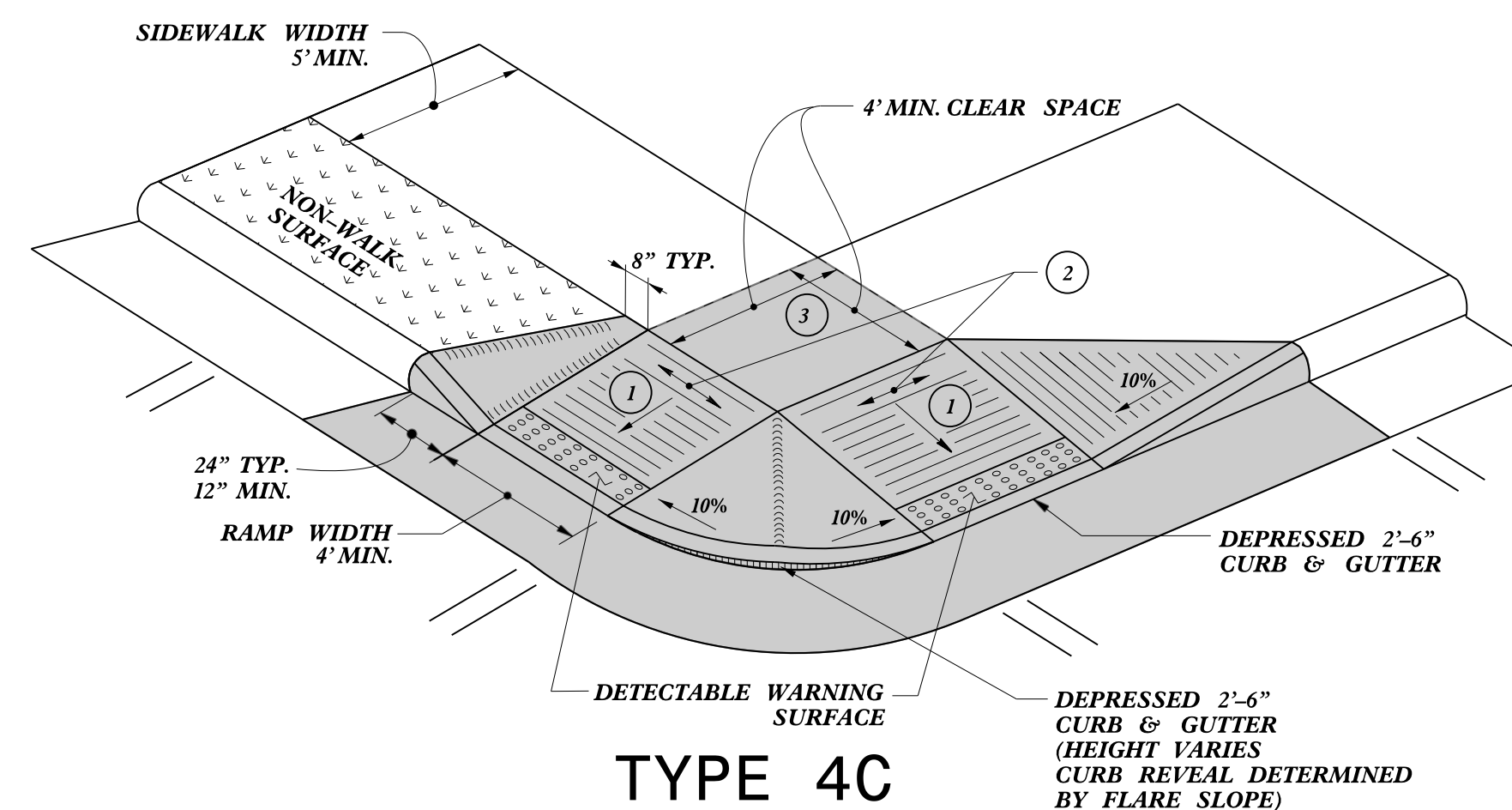
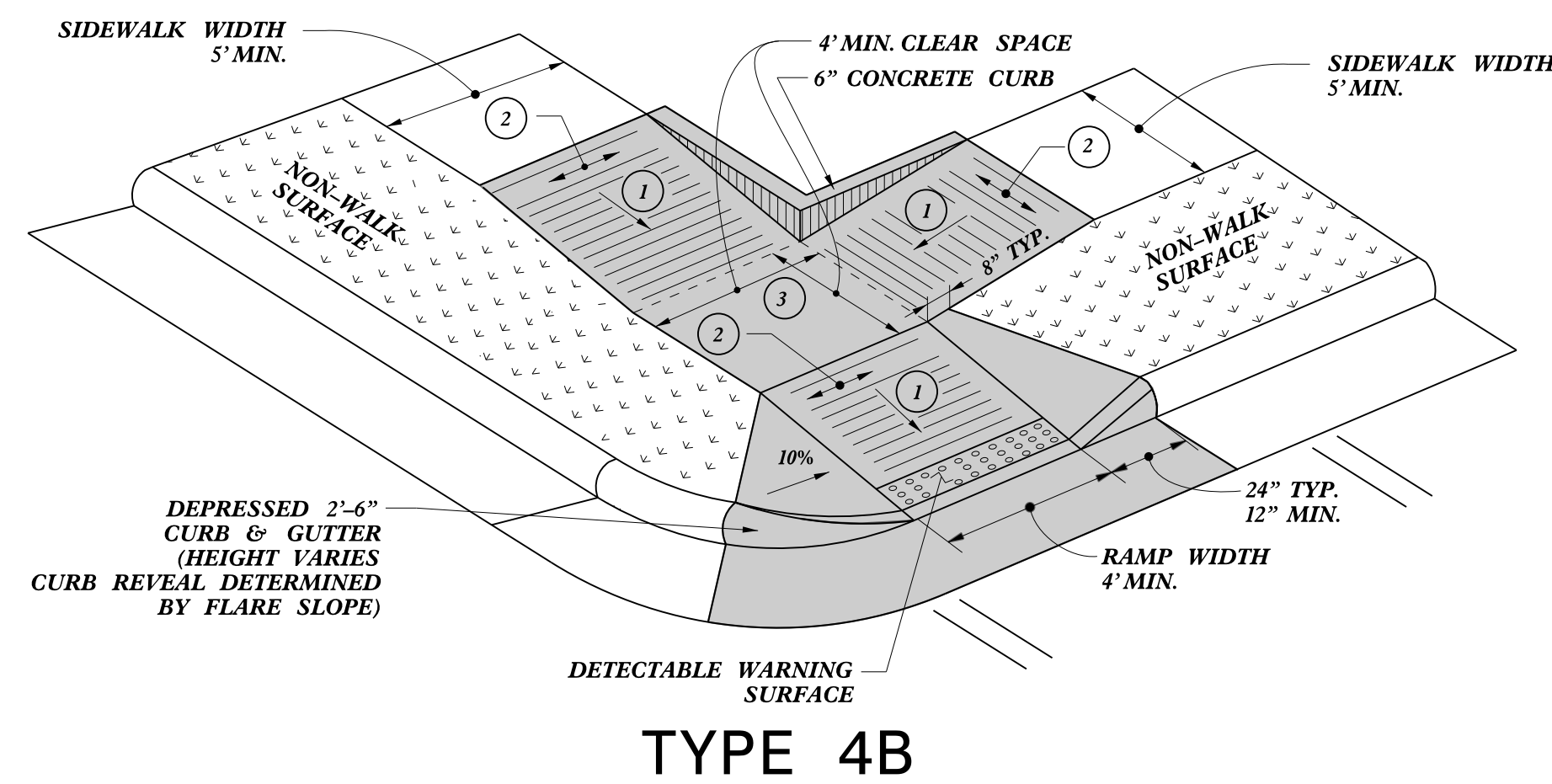
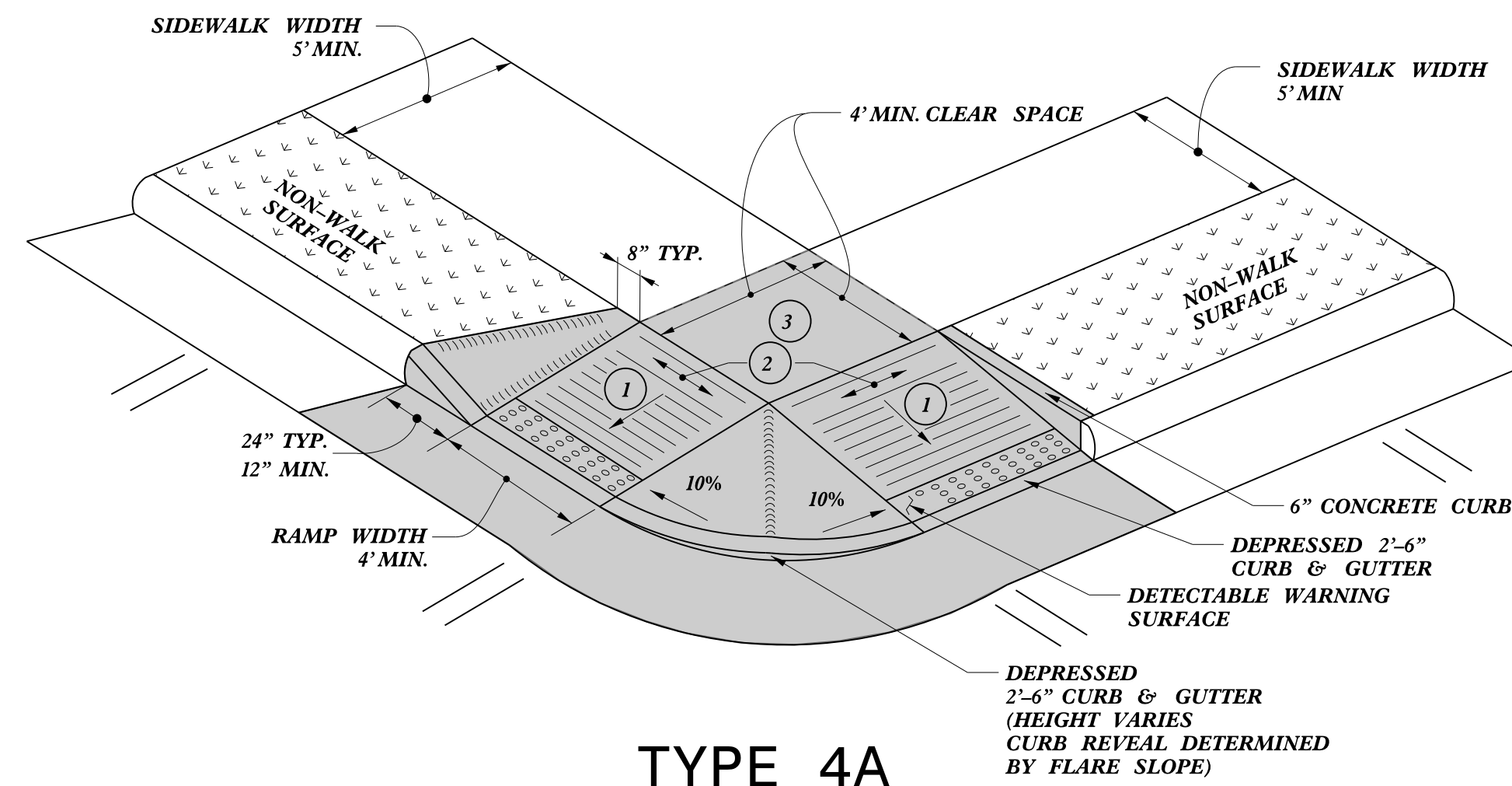
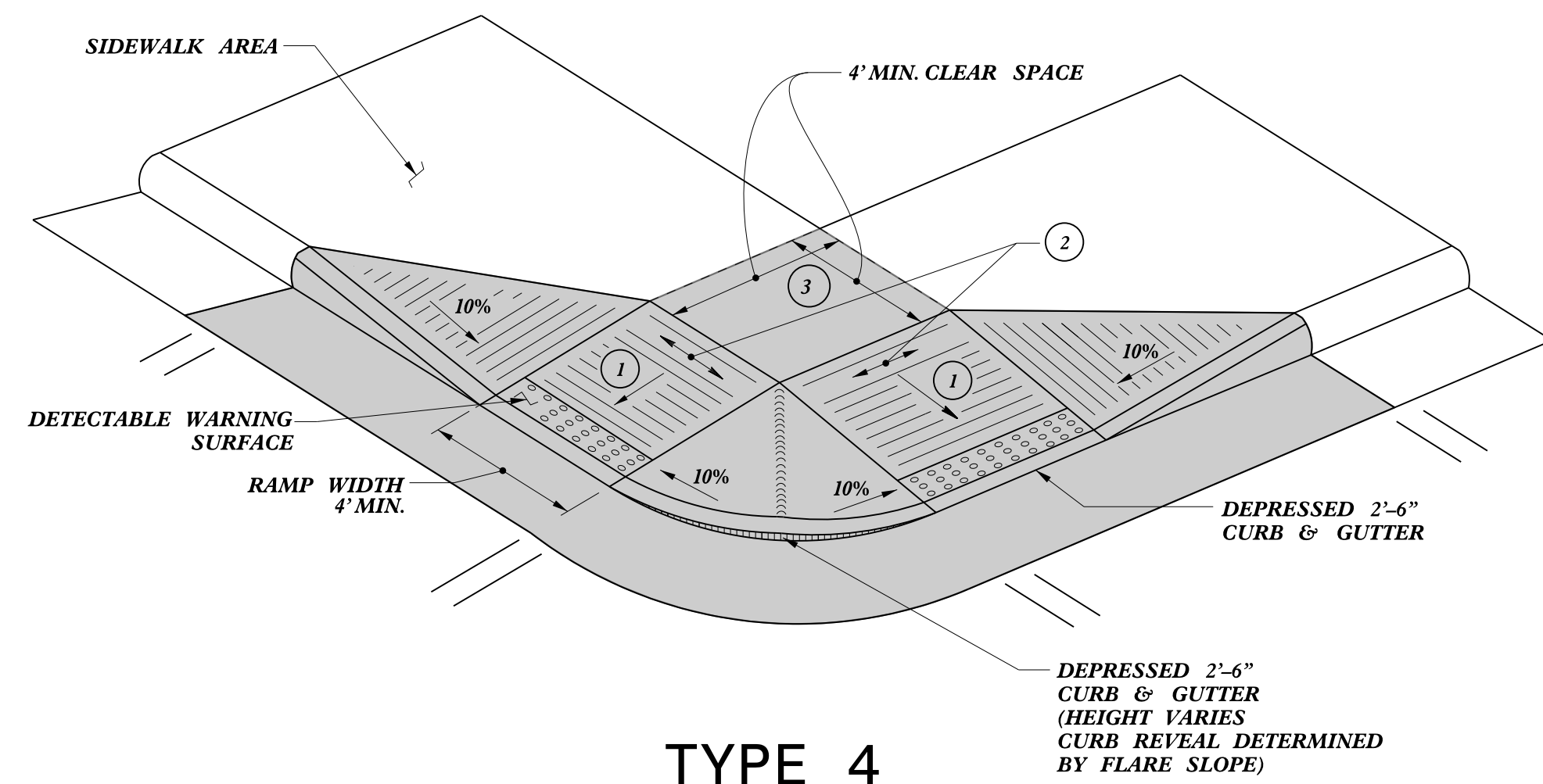
**CONTRACT STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-6950 FAX 919-250-4119

**DETAIL OF TEMPORARY
1" STEEL COVER
OVER DRAINAGE STRUCTURE**

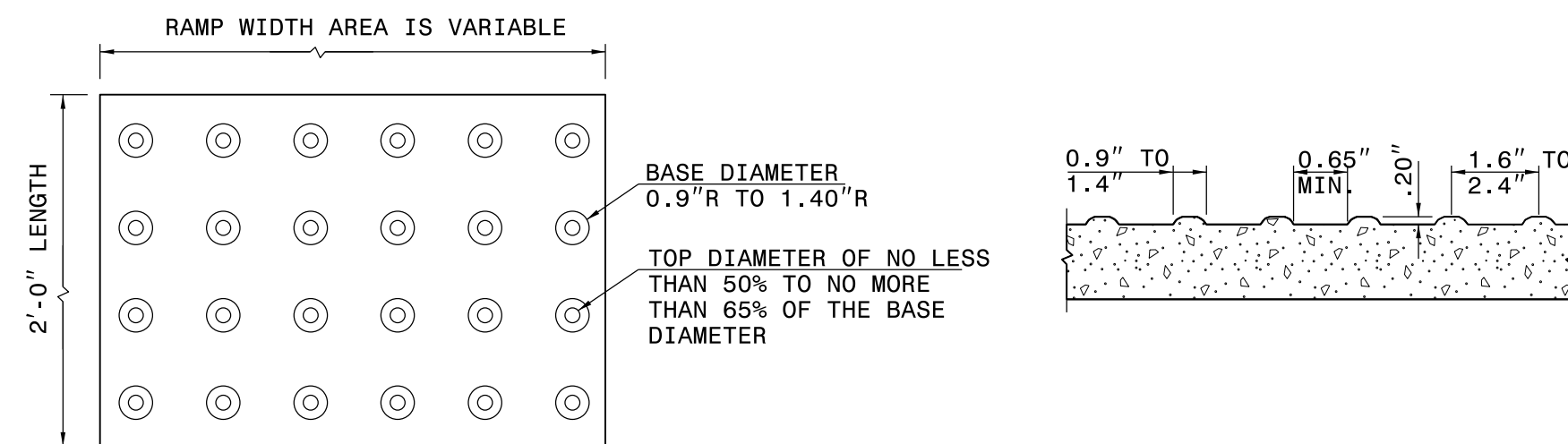
ORIGINAL BY: E.E. WARD DATE: 2-2-98
MODIFIED BY: DATE: _____
CHECKED BY: DATE: _____
FILE SPEC.: eric:/usr/details/metric/stand/st1cvr2.dgn

\$\$\$ TIME \$\$\$
\$\$\$ COUNTY \$\$\$
\$\$\$ STATE \$\$\$
\$\$\$ DISTRICT \$\$\$
\$\$\$ SURVEY \$\$\$
\$\$\$ PERMITS \$\$\$

ELEVATION VIEWS



NOTES:
 DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
 DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



DETECTABLE WARNING SURFACE

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%

PAY LIMITS FOR 1 OR 2 CURB RAMPS
 (CALCULATE BASED ON NUMBER OF SETS OF DETECTABLE WARNING SURFACES)

STATE OF
 NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
CURB RAMP
 SHARED LANDING



DocuSigned by:
 Nicole M. Hickler
 5884323034164C5...

SHEET 10 OF 13
848D06

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

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

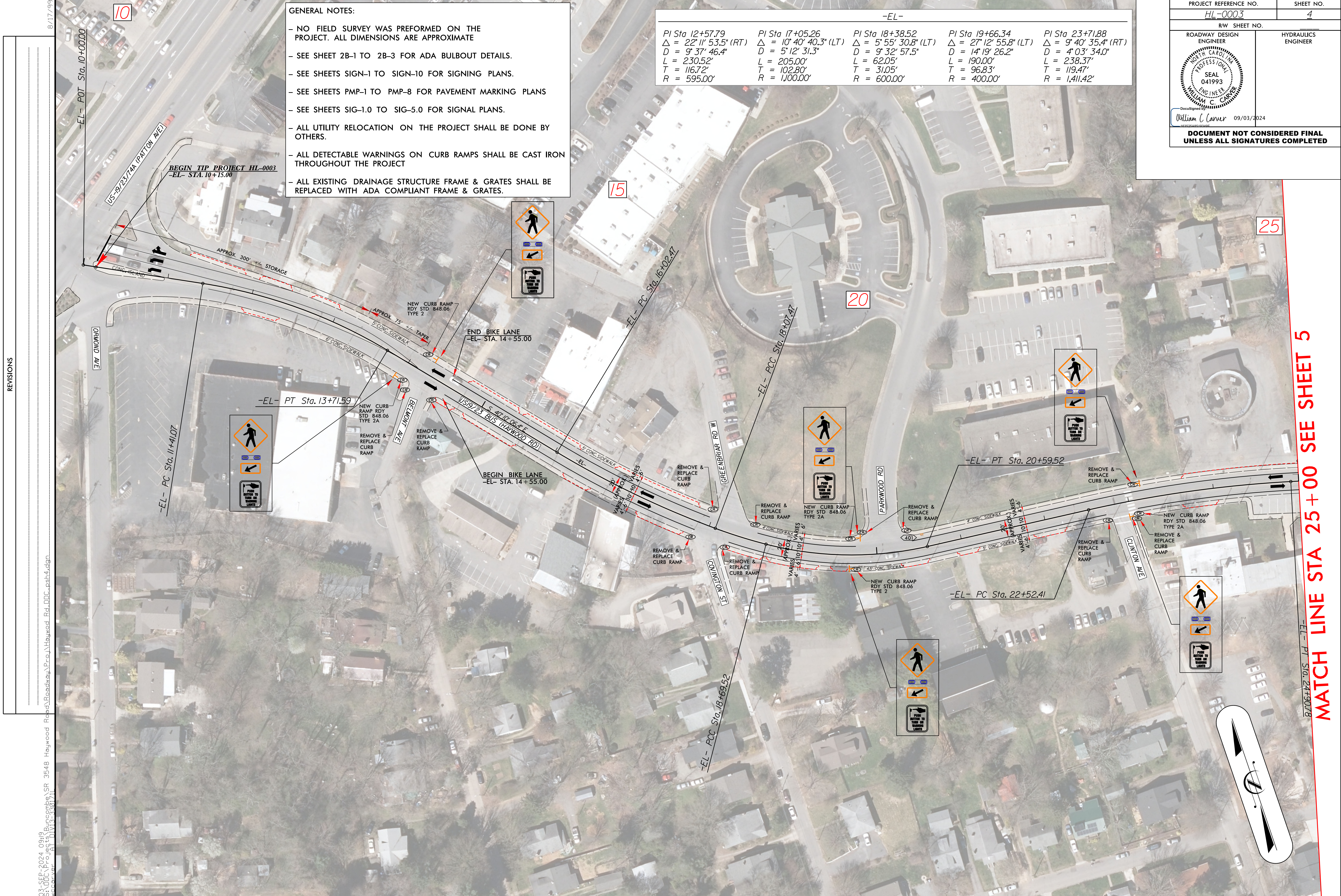
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ORIGINAL BY: S.CALHOUN DATE: 12-22-2023
 MODIFIED BY: DATE:
 CHECKED BY: DATE:
 FILE SPEC.: special_details\nmhackler\848D0610.dgn

GENERAL NOTES:

- NO FIELD SURVEY WAS PERFORMED ON THE PROJECT. ALL DIMENSIONS ARE APPROXIMATE
- SEE SHEET 2B-1 TO 2B-3 FOR ADA BULBOUT DETAILS.
- SEE SHEETS SIGN-1 TO SIGN-10 FOR SIGNING PLANS.
- SEE SHEETS PMP-1 TO PMP-8 FOR PAVEMENT MARKING PLANS
- SEE SHEETS SIG-1.0 TO SIG-5.0 FOR SIGNAL PLANS.
- ALL UTILITY RELOCATION ON THE PROJECT SHALL BE DONE BY OTHERS.
- ALL DETECTABLE WARNINGS ON CURB RAMP SHALL BE CAST IRON THROUGHOUT THE PROJECT
- ALL EXISTING DRAINAGE STRUCTURE FRAME & GRATES SHALL BE REPLACED WITH ADA COMPLIANT FRAME & GRATES.

-EL-				
PI Sta 12+57.79 Δ = 22° 11' 53.5" (RT) D = 9' 37' 46.4" L = 230.52' T = 116.72' R = 595.00'	PI Sta 17+05.26 Δ = 10° 40' 40.3" (LT) D = 5' 12' 31.3" L = 205.00' T = 102.80' R = 1,000.00'	PI Sta 18+38.52 Δ = 5' 55' 30.8" (LT) D = 9' 32' 57.5" L = 62.05' T = 31.05' R = 600.00'	PI Sta 19+66.34 Δ = 27° 12' 55.8" (LT) D = 14' 19' 26.2" L = 190.00' T = 96.83' R = 400.00'	PI Sta 23+71.88 Δ = 9° 40' 35.4" (RT) D = 4' 03' 34.0" L = 238.37' T = 119.47' R = 1,411.42'



MATCH LINE STA 25 + 00 SEE SHEET 5

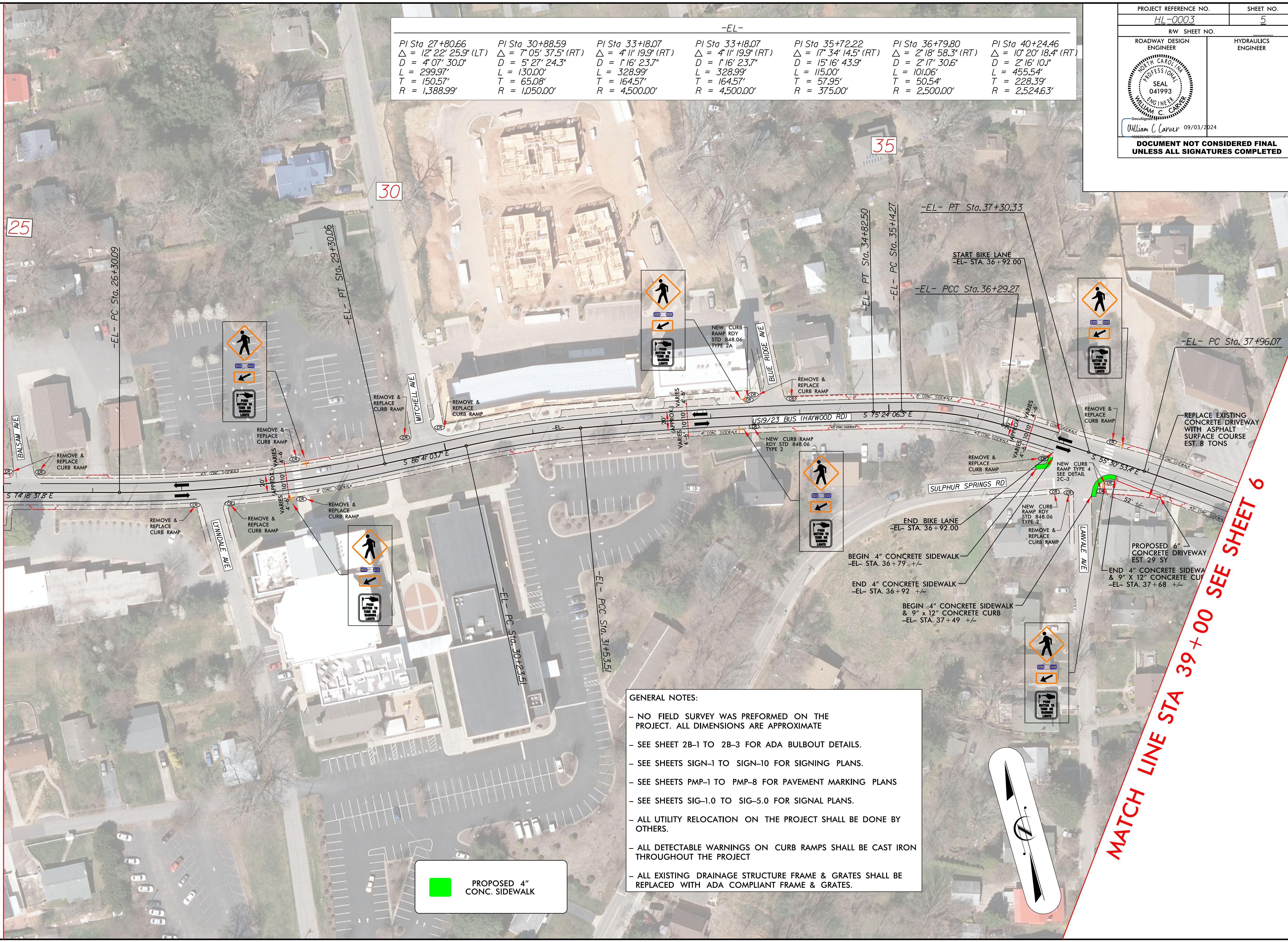
REVISIONS

8/17/99
SR 3548 Haywood Road, Haywood Rd, DDC, psh4.dgn
03-SEP-2024 09:18
S:\000\Projects\SR 3548 Haywood Road\Roadway\Proc\Haywood_Rd_DDC_psh4.dgn

-EL-						
PI Sta 27+80.66 Δ = 12' 22" 25.9" (LT) D = 4' 07" 30.0" L = 299.97' T = 150.57' R = 1,388.99'	PI Sta 30+88.59 Δ = 7' 05" 37.5" (RT) D = 5' 27" 24.3" L = 130.00' T = 65.08' R = 1,050.00'	PI Sta 33+18.07 Δ = 4' 11" 19.9" (RT) D = 1' 16" 23.7" L = 328.99' T = 164.57' R = 4,500.00'	PI Sta 33+18.07 Δ = 4' 11" 19.9" (RT) D = 1' 16" 23.7" L = 328.99' T = 164.57' R = 4,500.00'	PI Sta 35+72.22 Δ = 17' 34" 14.5" (RT) D = 15' 16" 43.9" L = 115.00' T = 57.95' R = 375.00'	PI Sta 36+79.80 Δ = 2' 18" 58.3" (RT) D = 2' 17" 30.6" L = 101.06' T = 50.54' R = 2,500.00'	PI Sta 40+24.46 Δ = 10' 20" 18.4" (RT) D = 2' 16" 10.1" L = 455.54' T = 228.39' R = 2,524.63'

MATCH LINE STA 25+00 SEE SHEET 4

MATCH LINE STA 39+00 SEE SHEET 6



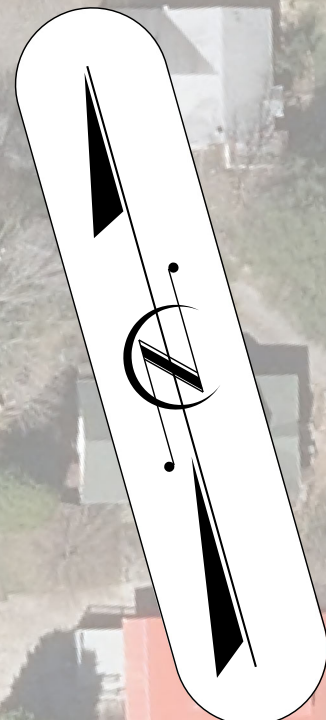
REVISIONS

03-SEP-2024 09:31 C:\Users\carver\OneDrive\Documents\Projects\Haywood_Rd_DDC_psh5.dgn
 William C. Carver

PROPOSED 4" CONC. SIDEWALK

GENERAL NOTES:

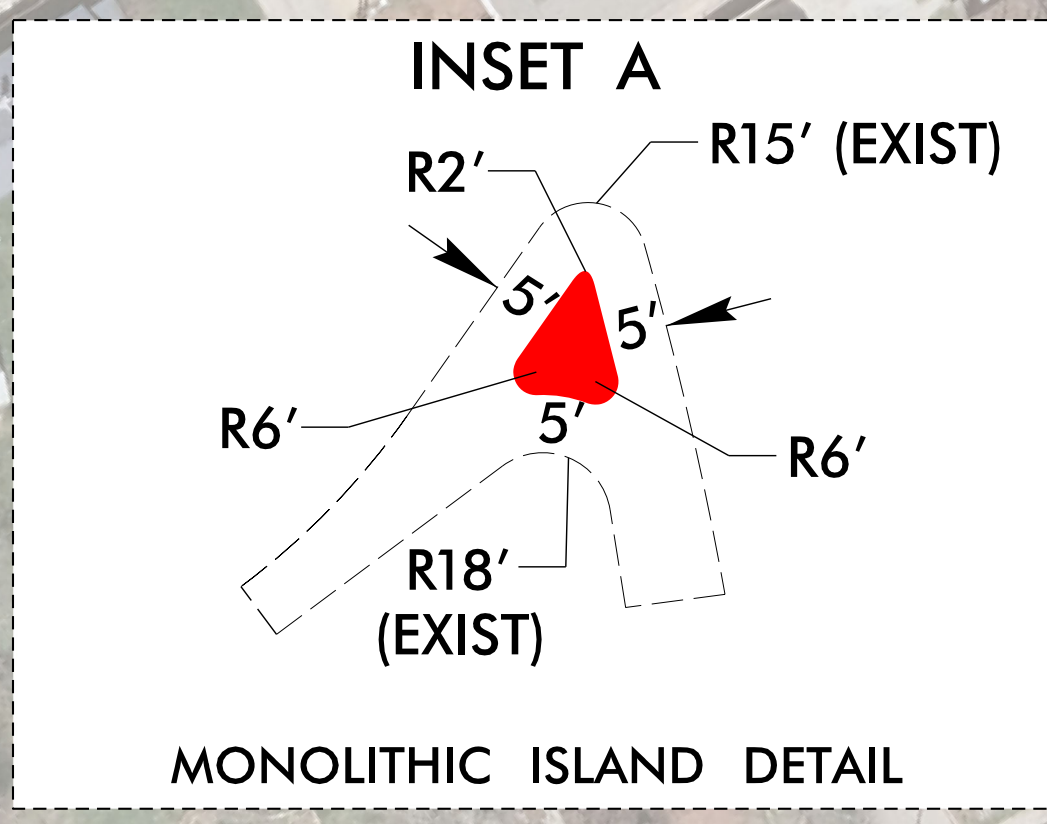
- NO FIELD SURVEY WAS PERFORMED ON THE PROJECT. ALL DIMENSIONS ARE APPROXIMATE
- SEE SHEET 2B-1 TO 2B-3 FOR ADA BULBOUT DETAILS.
- SEE SHEETS SIGN-1 TO SIGN-10 FOR SIGNING PLANS.
- SEE SHEETS PMP-1 TO PMP-8 FOR PAVEMENT MARKING PLANS
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- ALL EXISTING DRAINAGE STRUCTURE FRAME & GRATES SHALL BE REPLACED WITH ADA COMPLIANT FRAME & GRATES.



PROJECT REFERENCE NO.	SHEET NO.
HL-0003	6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
William C. Carver 09/03/2024	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

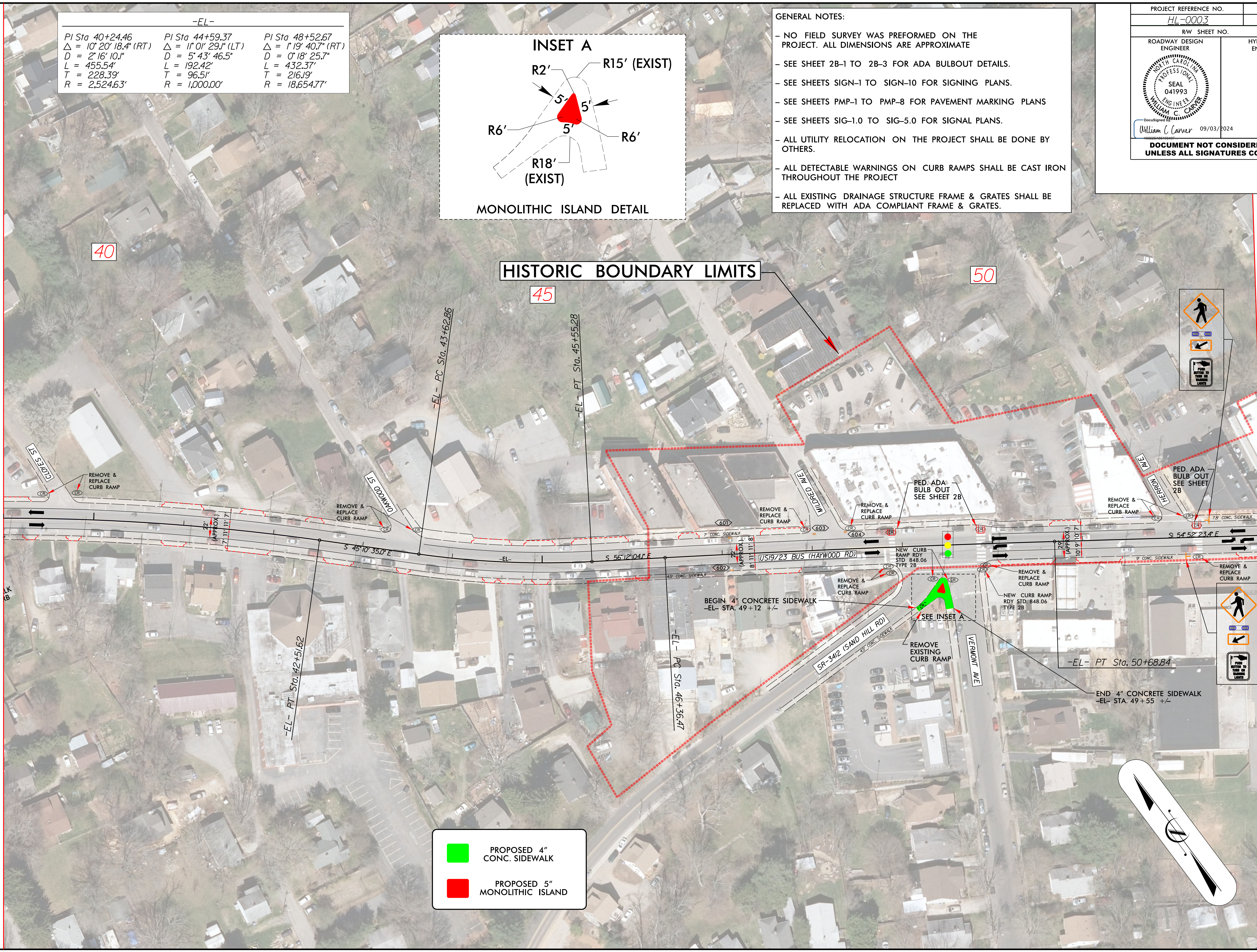
- GENERAL NOTES:**
- NO FIELD SURVEY WAS PERFORMED ON THE PROJECT. ALL DIMENSIONS ARE APPROXIMATE
 - SEE SHEET 2B-1 TO 2B-3 FOR ADA BULBOUT DETAILS.
 - SEE SHEETS SIGN-1 TO SIGN-10 FOR SIGNING PLANS.
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-EL-		
PI Sta 40+24.46	PI Sta 44+59.37	PI Sta 48+52.67
$\Delta = 10^{\circ} 20' 18.4" (RT)$	$\Delta = 11^{\circ} 01' 29.1" (LT)$	$\Delta = 1^{\circ} 19' 40.7" (RT)$
D = 2' 16" 10.1"	D = 5' 43" 46.5"	D = 0' 18" 25.7"
L = 455.54'	L = 192.42'	L = 432.37'
T = 228.39'	T = 96.51'	T = 216.19'
R = 2,524.63'	R = 1,000.00'	R = 18,654.77'

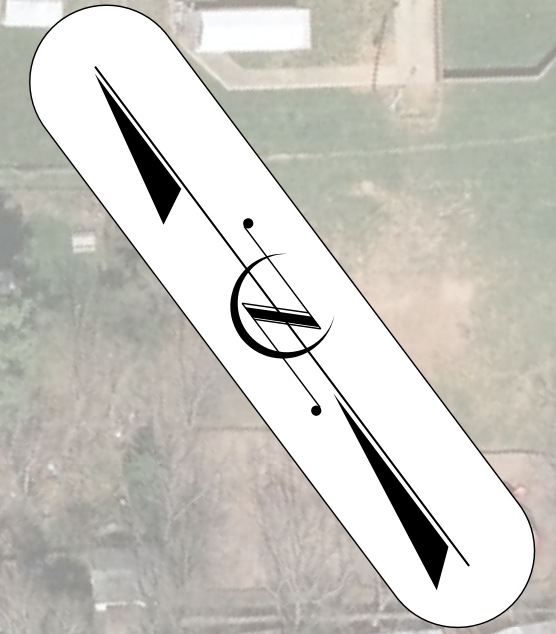


MATCH LINE STA 39+00 SEE SHEET 5

MATCH LINE STA 53+00 SEE SHEET 7



	PROPOSED 4" CONC. SIDEWALK
	PROPOSED 5" MONOLITHIC ISLAND



REVISIONS
 8/17/24
 SR-3412 (SAND HILL RD) PROJECT
 PROJECT NO. 2024-09-18
 PROJECT LOCATION: SR 3548, Haywood Road, Haywood Rd, DDC, psh6.dgn
 DRAWN BY: WCC
 CHECKED BY: WCC