

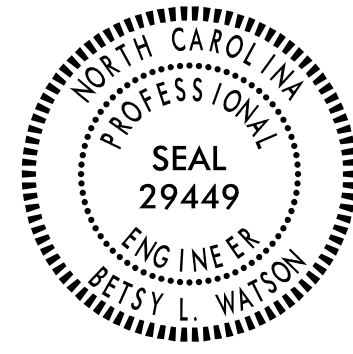
T.I.P.: U-5888

CONTRACT NO.: C204675

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
HAYWOOD COUNTY**

**LOCATION: WAYNESVILLE – INTERSECTION OF US 23
BUSINESS (N MAIN ST) AND WALNUT ST**

TIP NO. U-5888	SHEET NO. SIGN-1
APPROVED: <i>Betsy L. Watson</i> <small>-----SHEETBBSAPF8F43F-----</small>	
DATE: 9/23/2021	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.40	SINGLE LANE ROUNDABOUT SIGNING, WITH PEDESTRIANS (SHEET 1 OF 2)
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

GENERAL NOTES

- . SIGNS FURNISHED BY CONTRACTOR.
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN.....	48	SF
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN.....	377.60	SF
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN.....	89.50	SF
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL.....	900	LF
4096000000	904	SIGN ERECTION, TYPE D.....	6	EA
4102000000	904	SIGN ERECTION, TYPE E.....	47	EA
4108000000	904	SIGN ERECTION, TYPE F.....	8	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE E.....	2	EA
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL.....	19	EA
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL.....	1	EA
4915000000	1264	7' U-CHANNEL POSTS.....	7	EA
4955000000	1264	OBJECT MARKERS (END OF ROAD).....	3	EA
4957000000	1264	OBJECT MARKERS (TYPE 1).....	4	EA

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2-2A	TYPE 'D' SIGNS
SIGN-3	TYPE 'E' SIGNS
SIGN-3A	TYPE 'F' SIGNS
SIGN-4-5	SIGNING PLAN SHEETS

PLAN PREPARED BY:

BETSY L. WATSON, P.E. SENIOR TRANSPORTATION ENGINEER
ROSI R. HENNEIN TRANSPORTATION DESIGNER



Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-6500
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

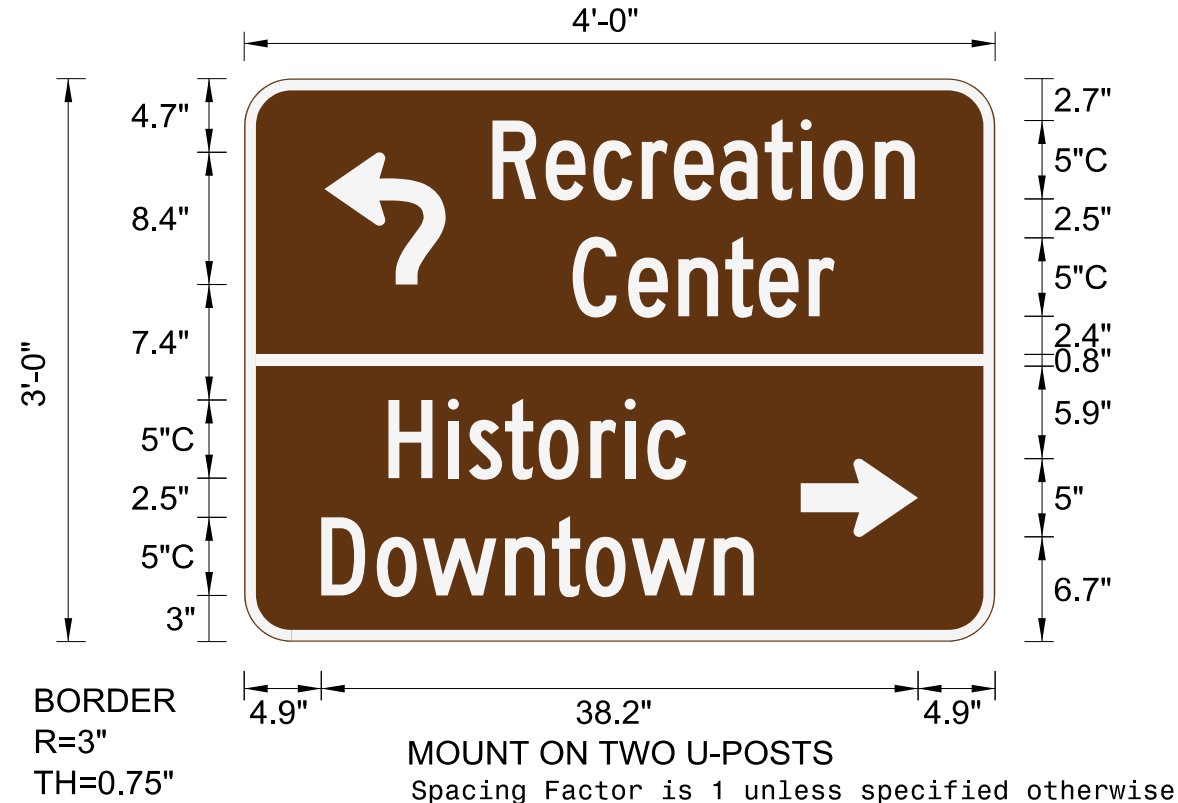
SIGN NUMBER: 301
 TYPE: D
 QUANTITY: 1

BACKG COLOR: Brown / Brown
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
ROUNDABOUT ARROW	5.1	22.8	7.7	8.4
AR_Type D	35.6	6.7	5	7.5

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Mar 10, 2019
 PROJECT ID: U-5888 DIV: 14



USE NOTES
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

	R	e	c	r	e	a	t	i	o	n	Series/Size Text Length	
15.9	3.4	3	3.1	2	3	2.8	2.3	1.4	3.3	2.6	5.1	C 2000
												27
21	3.6	3.2	3	2.2	3.2	1.7	10.3					C 2000
												16.8
9.2	3.8	1.3	2.3	2.2	3.3	2.2	1.4	2.5	19.7			C 2000
												19.1
4.9	3.6	3	5.3	3	2.2	2.9	5.3	2.6	15.4			C 2000
												27.7

SIGN NUMBER: 302
 TYPE: D
 QUANTITY: 1

BACKG COLOR: Brown / Brown
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
ROUNDABOUT ARROW	4.8	22.8	7.7	8.4
AR_Type D	35.3	6.7	5	7.5

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Mar 10, 2019
 PROJECT ID: U-5888 DIV: 14



USE NOTES
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LETTER POSITIONS

Letter spacings are to start of next letter

	H	i	s	t	o	r	i	c	Series/Size Text Length			
19.8	3.8	1.3	2.3	2.2	3.3	2.2	1.4	2.5	9.1	C 2000		
											19.1	
15.5	3.6	2.9	5.3	3	2.2	3	5.3	2.6	4.8			C 2000
												27.7
5.3	3.4	3	3.1	2.1	2.9	2.8	2.3	1.4	3.3	2.6	15.8	C 2000
												27
10.4	3.6	3.2	3	2.2	3.2	1.7	20.9					C 2000
												16.8

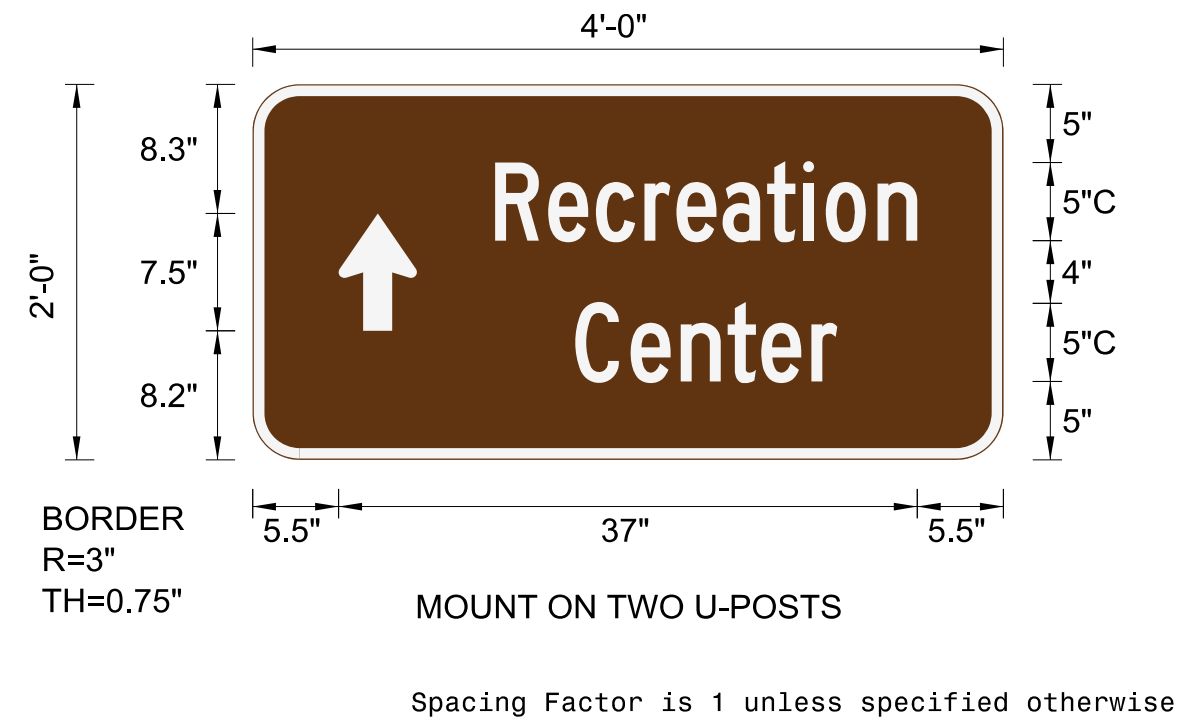
SIGN NUMBER: 303
 TYPE: D
 QUANTITY: 1

BACKG COLOR: Brown
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	5.5	8.2	5	7.5

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Mar 10, 2019
 PROJECT ID: U-5888 DIV: 14



USE NOTES
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LETTER POSITIONS

Letter spacings are to start of next letter

	R	e	c	r	e	a	t	i	o	n	Series/Size Text Length	
15.5	3.4	3.1	3.1	2.1	2.9	2.8	2.3	1.4	3.3	2.6	5.5	C 2000
												27
20.6	3.6	3.2	3	2.2	3.2	1.7	10.6					C 2000
												16.8

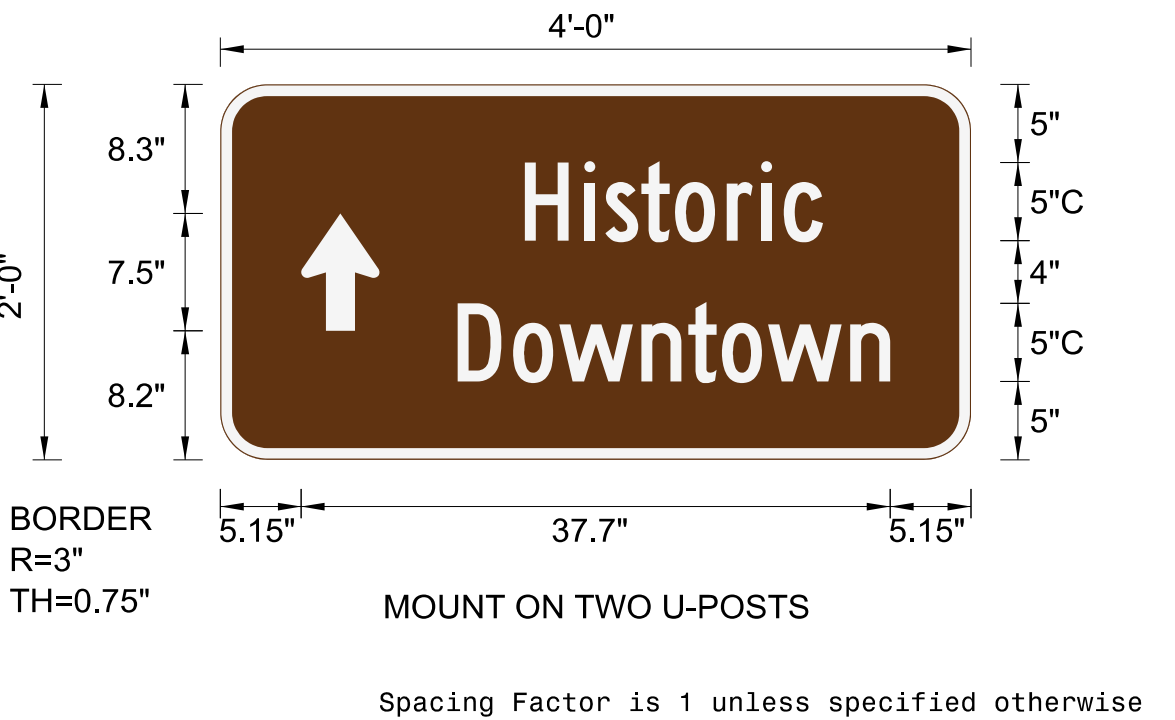
SIGN NUMBER: 304
 TYPE: D
 QUANTITY: 1

BACKG COLOR: Brown
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	5.2	8.2	5	7.5

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Mar 10, 2019
 PROJECT ID: U-5888 DIV: 14



USE NOTES
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

	H	i	s	t	o	r	i	c	Series/Size Text Length			
19.5	3.8	1.3	2.3	2.2	3.3	2.2	1.4	2.5	9.5	C 2000		
											19.1	
15.2	3.6	2.9	5.3	3	2.2	2.9	5.3	2.6	5.2			C 2000
												27.7

TIP NO. U-5888 SHEET NO. SIGN-2

APPROVED: *Betsy L. Watson*

DATE: 8/14/2019

SEAL

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 UNLESS ALL SIGNATURES COMPLETED

\$\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$\$\$\$DGN\$\$\$\$\$
 \$\$\$\$\$\$USERNAME\$\$\$\$\$

TYPE 'D' SIGNS

APPROVED: *Betsy L. Watson*


DATE: 8/14/2019



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



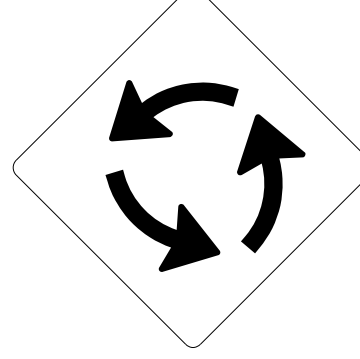
401 QUANTITY REQ'D 2



24 X 30
R2-1

ONE "U" POST PER SIGN


406 QUANTITY REQ'D 4



36 X 36
W2-6

ONE "U" POST PER SIGN


411 QUANTITY REQ'D 10



36 X 36
W11-2

FLUORESCENT YELLOW/GREEN
ONE "U" POST PER SIGN

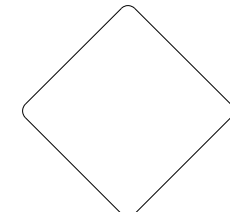
402 QUANTITY REQ'D 2



24 X 30
R2-1

ONE "U" POST PER SIGN


407 QUANTITY REQ'D 3



18 X 18
OM4-1

ONE "U" POST PER SIGN


412 QUANTITY REQ'D 8



24 X 12
W16-7PL

FLUORESCENT YELLOW/GREEN
MOUNT BELOW SIGN 411
IN 8 INSTALLATIONS

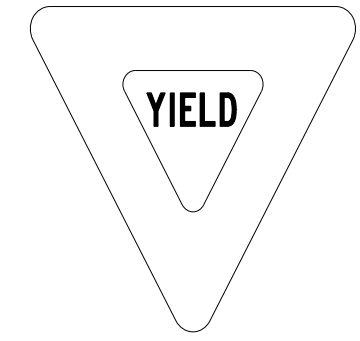
403 QUANTITY REQ'D 1



30 X 30
W14-1

MOUNT BELOW SIGN 401
IN 1 INSTALLATION


408 QUANTITY REQ'D 4



36 X 36 X 36
R1-2

ONE "U" POST PER SIGN


413 QUANTITY REQ'D 2



24 X 12
W16-9P

FLUORESCENT YELLOW/GREEN
MOUNT BELOW SIGN 411
IN 2 INSTALLATIONS


404 QUANTITY REQ'D 1



36 X 12
R6-1R

ONE "U" POST PER SIGN

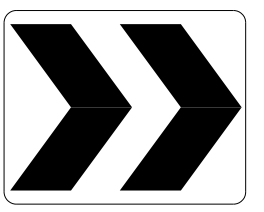
409 QUANTITY REQ'D 1



36 X 12
R6-1R

MOUNT ABOVE SIGN 410
IN 1 INSTALLATION

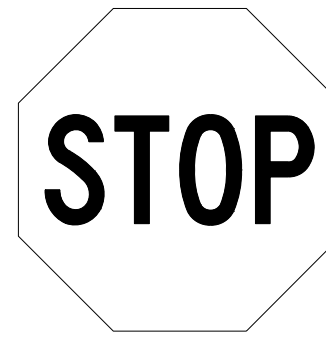
414 QUANTITY REQ'D 4



30 X 24
R6-4

ONE "U" POST PER SIGN

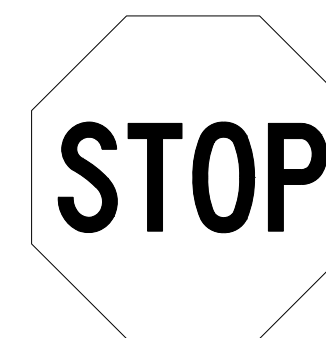
405 QUANTITY REQ'D 7



36 X 36
R1-1

ONE "U" POST PER SIGN

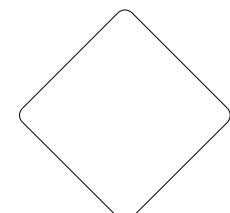
410 QUANTITY REQ'D 1



36 X 36
R1-1

TWO "U" POSTS PER SIGN

415 QUANTITY REQ'D 4



18 X 18
OM1-3

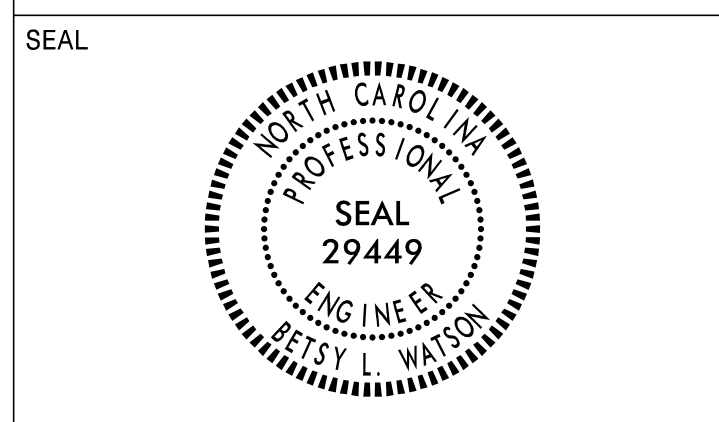
ONE "U" POST PER SIGN

\$\$\$\$\$SYSTEMTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

TYPE 'E' SIGNS

APPROVED: *Betsy L. Watson*
35E97B834F8743F

DATE: 8/14/2019



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UNLESS ALL SIGNATURES COMPLETED



501

		2 - 24 X 12
		2 - 24 X 12
		2 - 24 X 24
		2 - 21 X 15

TWO "U" POSTS PER SIGN

506

	1 - 24 X 12
	1 - 24 X 12
	1 - 24 X 24

ONE "U" POST PER SIGN

502

	1 - 24 X 12
	1 - 24 X 12
	1 - 24 X 24

ONE "U" POST PER SIGN

507

	1 - 24 X 12
	1 - 24 X 12
	1 - 24 X 24
	1 - 24 X 15

ONE "U" POST PER SIGN

503

	1 - 24 X 12
	1 - 24 X 12
	1 - 24 X 24
	1 - 21 X 15

ONE "U" POST PER SIGN

508

	1 - 24 X 12
	1 - 24 X 12
	1 - 24 X 24
	1 - 24 X 15

ONE "U" POST PER SIGN

504

	1 - 24 X 12
	1 - 24 X 12
	1 - 24 X 24
	1 - 21 X 15

MOUNT BELOW SIGN 303
IN 1 INSTALLATION

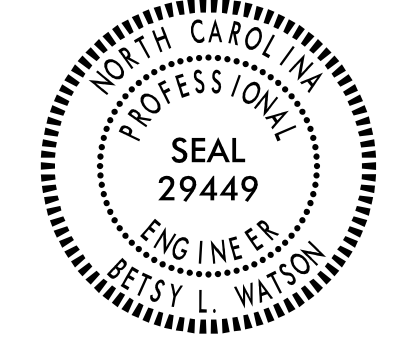

505

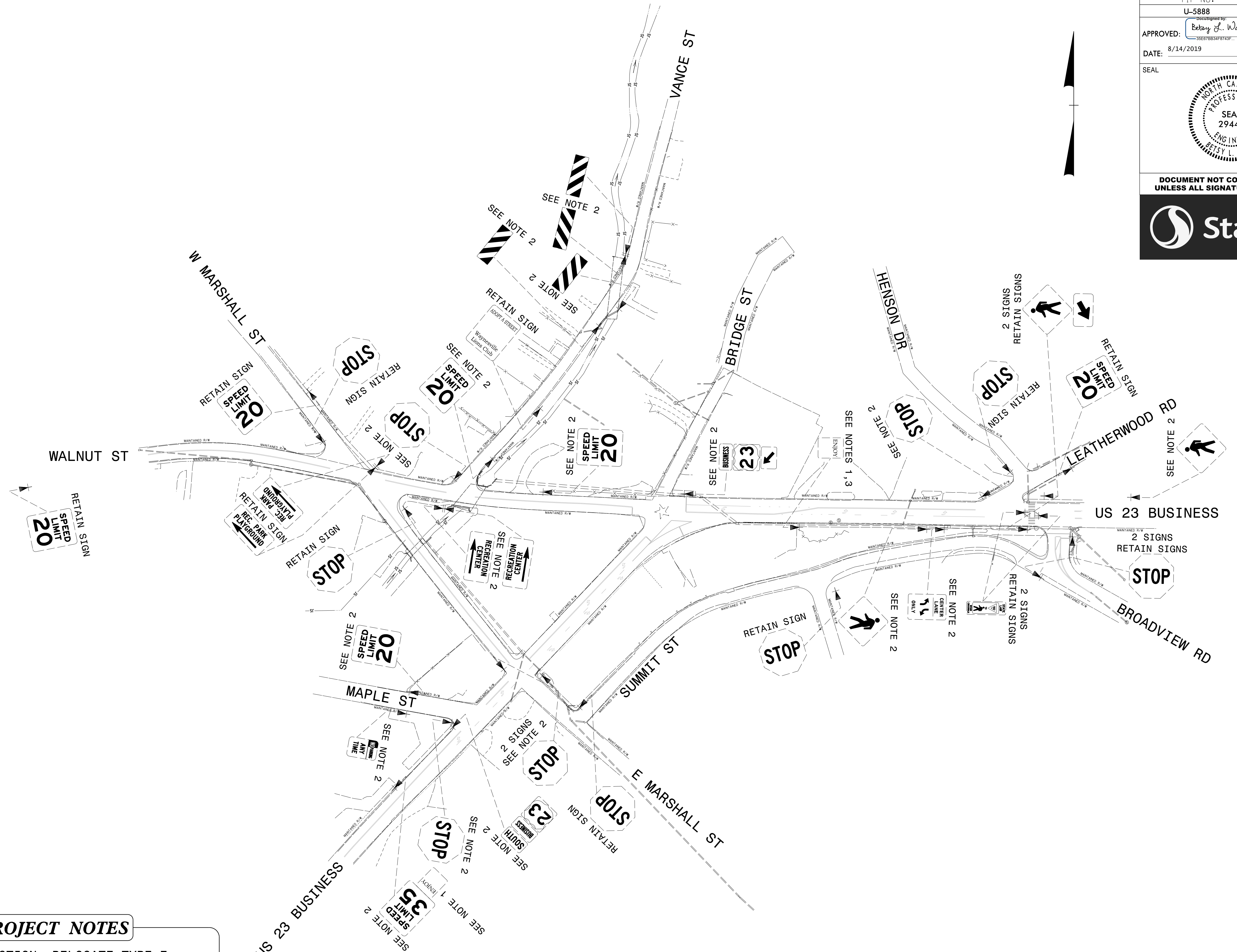
		2 - 24 X 12
		2 - 24 X 12
		2 - 24 X 24
		2 - 21 X 15

TWO "U" POSTS PER SIGN

\$\$\$\$\$SYSTEMTIME\$\$\$\$\$
\$\$\$\$\$\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

TYPE 'F' SIGNS

TIP NO. U-5888	SHEET NO. SIGN-4
APPROVED: <i>Betsy L. Watson</i> 35E7B34F8743F	
DATE: 8/14/2019	
SEAL	
	
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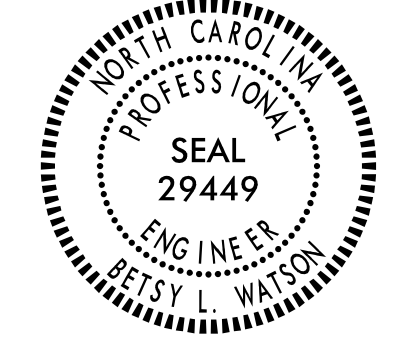


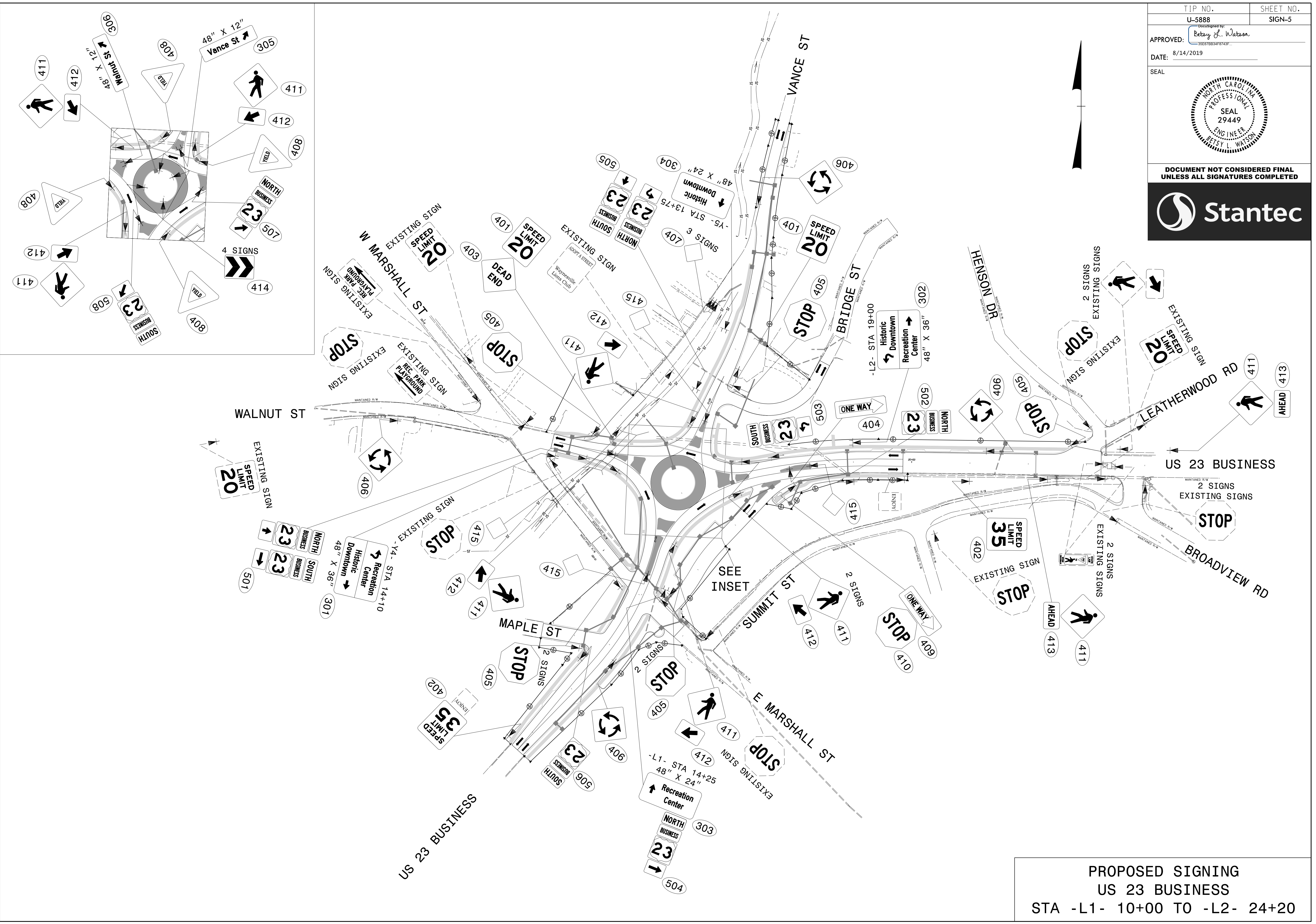
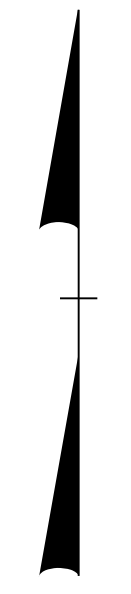
PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE E
- 2 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 3 DISPOSAL OF SUPPORT, U-CHANNEL

EXISTING SIGNING
US 23 BUSINESS
STA -L1- 10+00 TO -L2- 24+20

\$\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$DDGN\$\$\$\$\$
 \$\$\$USERNAME\$\$\$\$\$

TIP NO. U-5888	SHEET NO. SIGN-5
APPROVED: <i>Betsy L. Watson</i> 35E7B34F8743F	
DATE: 8/14/2019	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



\$\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$\$DDGN\$\$\$\$\$
 \$\$\$USERNAME\$\$\$\$\$

PROPOSED SIGNING
US 23 BUSINESS
 STA -L1- 10+00 TO -L2- 24+20