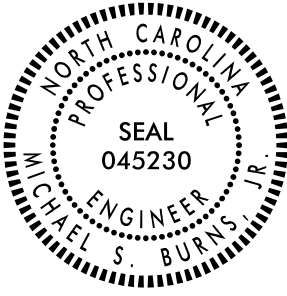


T.I.P.: R-5725

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
GUILFORD COUNTY**

**LOCATION: INTERSECTION IMPROVEMENTS ALONG NC 68 AND NC 150 IN OAK RIDGE**

<small>TIP NO.</small> R-5725	<small>SHEET NO.</small> SIGN-1
<small>APPROVED:</small> <i>Michael S. Burns, Jr.</i> <small>0426C8CC006F437...</small>	
<small>DATE:</small> 5/3/2023	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**ROADWAY STANDARD DRAWING**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - 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:

<u>STD. NO.</u>	<u>TITLE</u>
901.50	ARROWS AND SHIELDS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.20	SCHOOL MARKED AND UNMARKED CROSSWALKS / SPEED REDUCTION REQUIREMENTS
910.40	SINGLE/TWO LANE ROUNDABOUT WITH PEDESTRIAN

**GENERAL NOTES**

- . 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.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

**SUMMARY OF QUANTITIES**

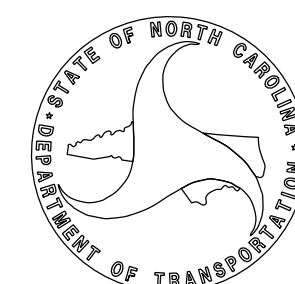
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DESC. NO.	SECT. NO.		
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4025000000	901	460.6	S.F.
4025000000	901	157.4	S.F.
4072000000	903	1443	L.F.
4096000000	904	6	EA.
4102000000	904	16	EA.
4108000000	904	15	EA.
4237000000	907	6	EA.
4238000000	907	104	EA.
4363000000	SP	56	L.F.
4957000000	1264	9	EA.

**INDEX**

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-1	TITLE SHEET
SIGN-2 THRU 2A	SUPPORT INFORMATION AND ROADWAY STANDARD DRAWINGS
SIGN-3 THRU 3A	TYPE E AND F SHEETS
SIGN-4 THRU 4C	SIGN DESIGNS AND OVERHEAD DETAILS
SIGN-5 THRU 5D	EXISTING SIGN DETAIL SHEETS
SIGN-6 THRU 6D	PROPOSED SIGN DETAIL SHEETS

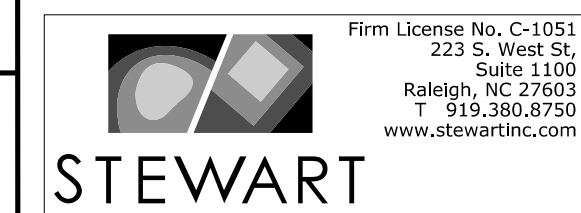
**PLAN SUBMITTED TO:**


KELVIN L. JORDAN SIGNING AND DELINEATION REGIONAL ENGINEER  
WALTER JOHNSON SIGNING AND DELINEATION PROJECT DESIGN ENGINEER



**PLAN PREPARED BY: STEWART**

MICHAEL BURNS, PE PROJECT ENGINEER  
JOSHUA ROEMER PROJECT DESIGN ENGINEER



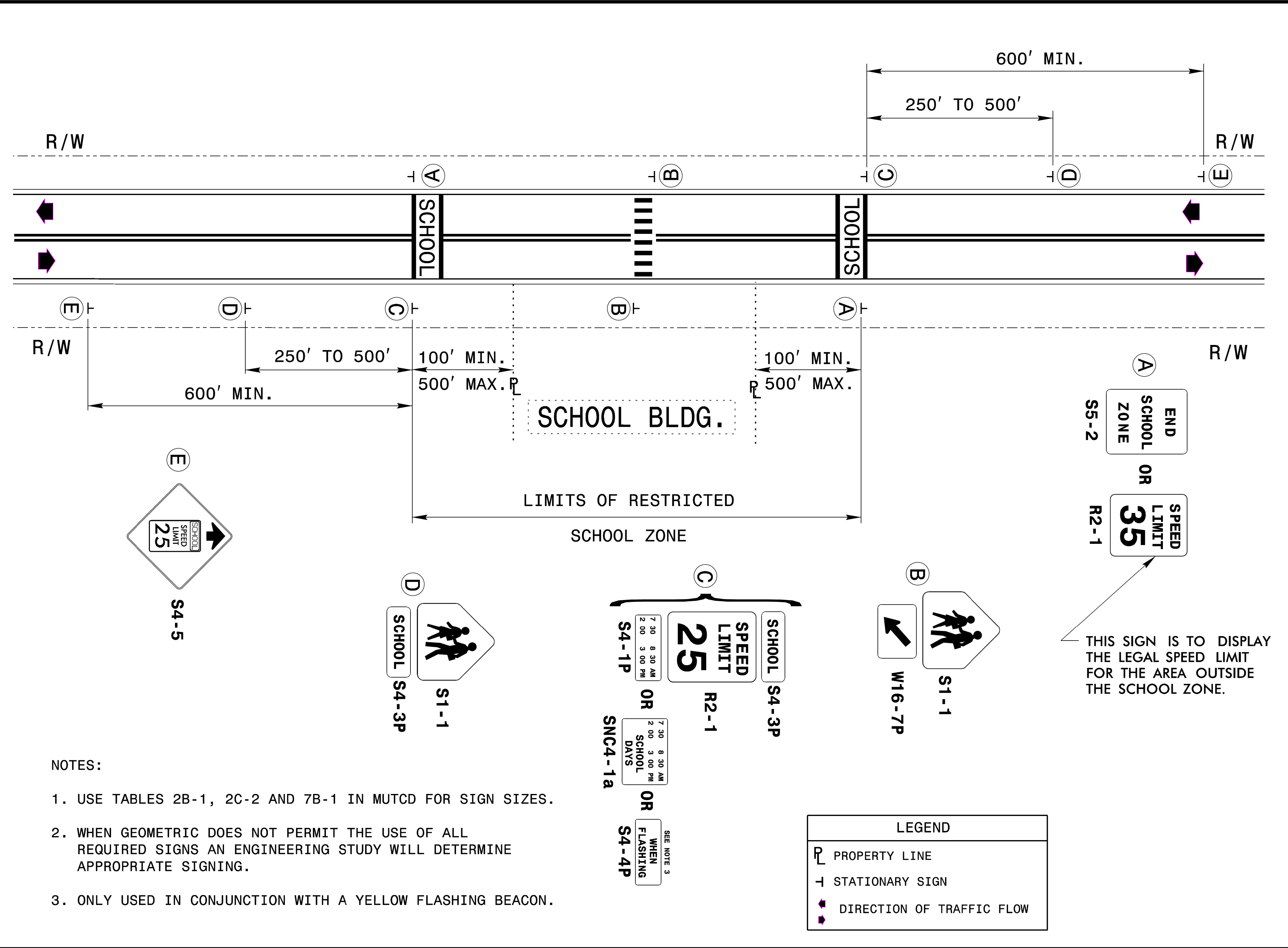
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 DocuSigned by: Matthew V. Spring  
 APPROVED: 3/21/2019  
 DATE: BC60F6E8B584403...  
 SEAL  


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

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

ENGLISH DETAIL DRAWING FOR  
 SIGNING SCHOOL ZONE WITH  
 MARKED CROSSWALK  
 WHERE SPEED REDUCTION IS REQUIRED

ENGLISH DETAIL DRAWING FOR  
 SIGNING SCHOOL ZONE WITH  
 MARKED CROSSWALK  
 WHERE SPEED REDUCTION IS REQUIRED



03/20/19 S:\S&J\Standards Group\Standards and Drawings\Drawings\2018 Standard Dwg\Division 9 Final\0910.20\_sgn\_sht01\_SchoolMarked Crosswalk Speed Reduction IS Required.dwg User:dstokes

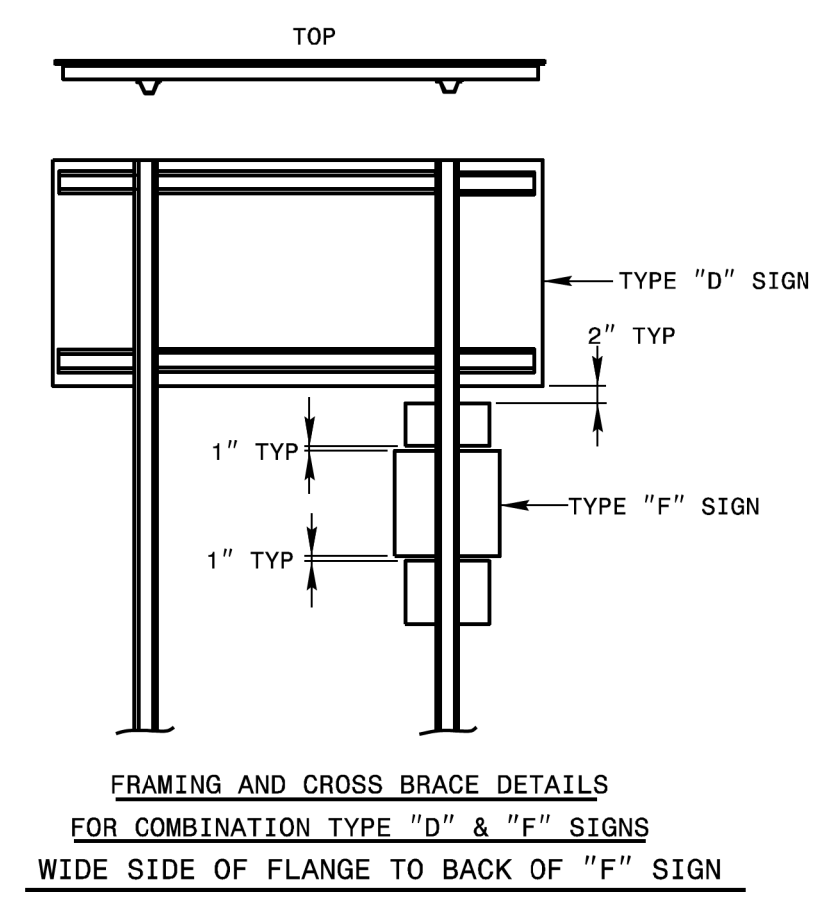
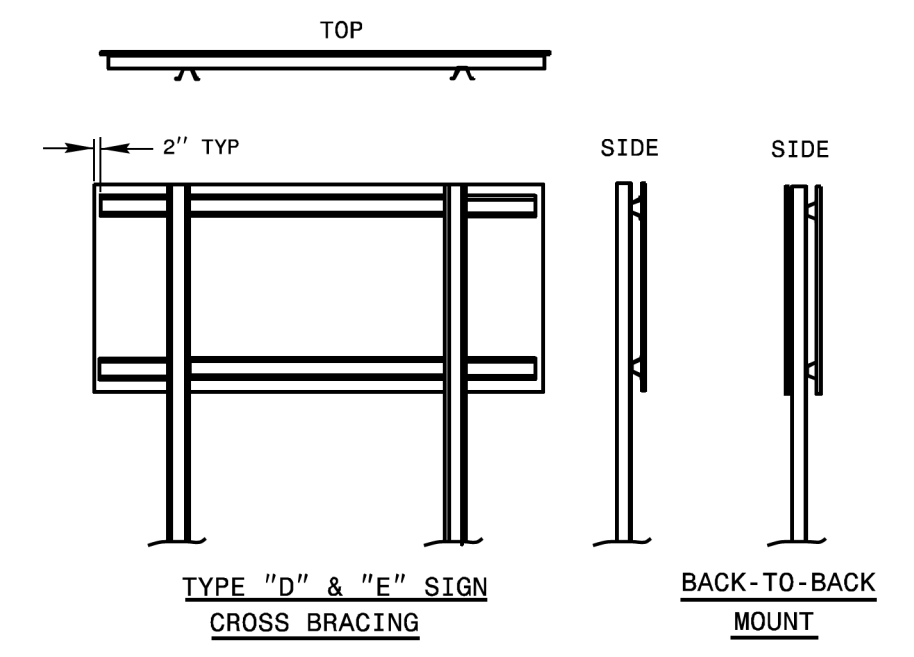
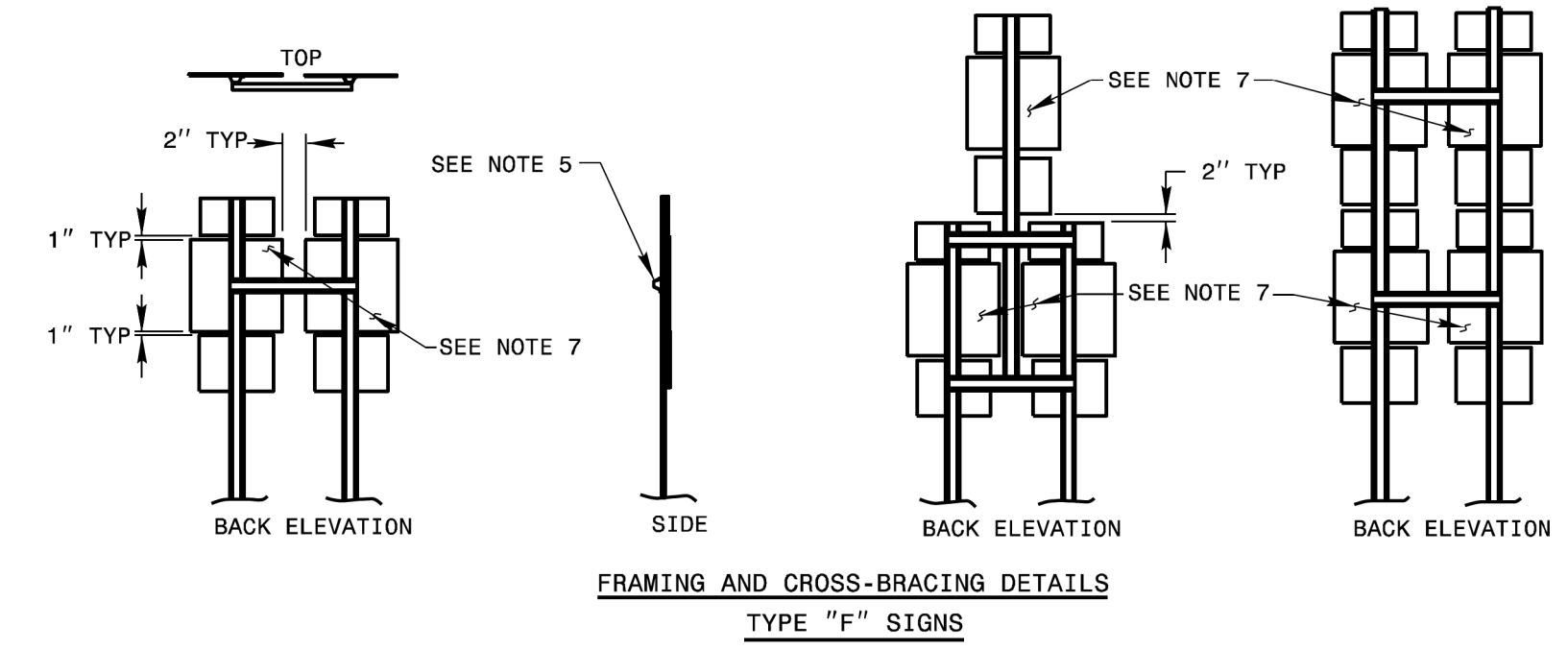
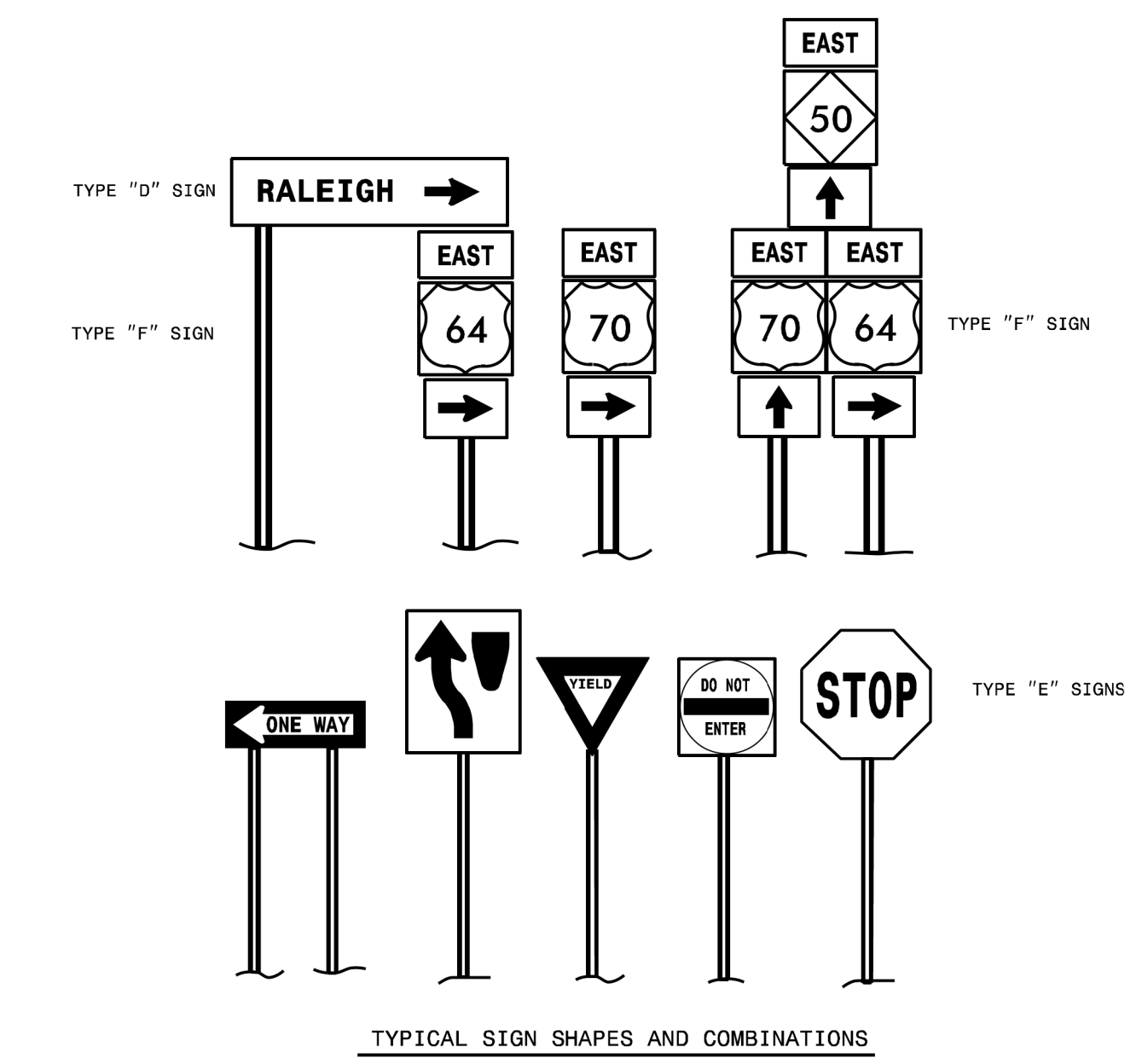
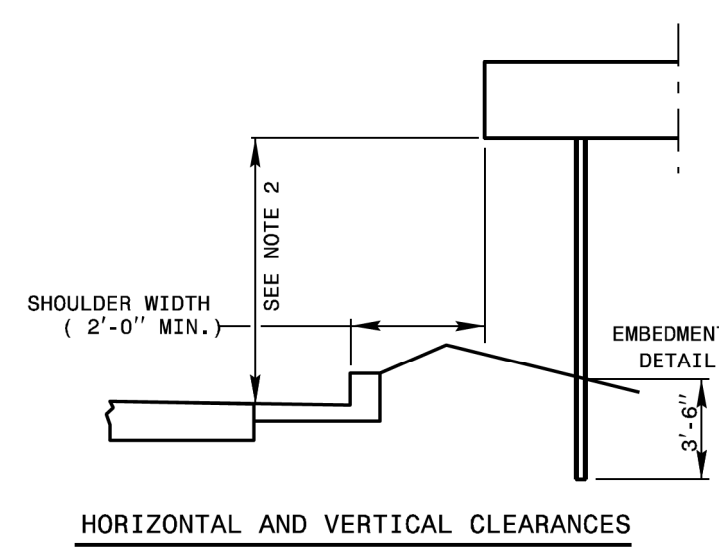
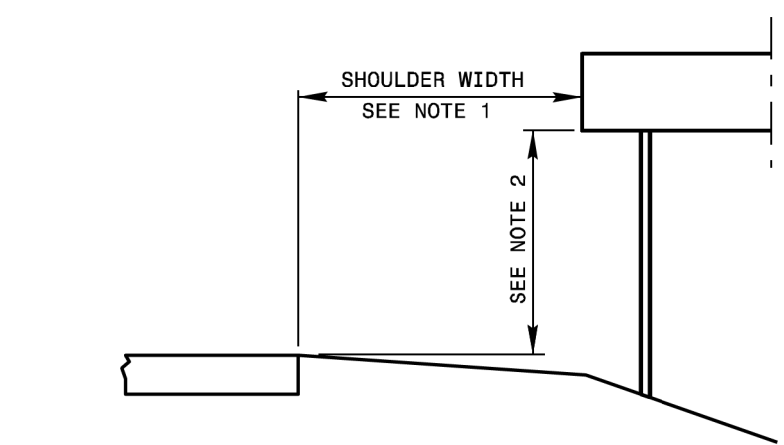
TIP NO.	SHEET NO.
R-5725	DocuSigned by: SIGN-2A
APPROVED:	<i>Matthew V. Springer</i>
DATE:	6/23/2021
SEAL	

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

6-21

ENGLISH DETAIL DRAWING FOR  
MOUNTING OF  
TYPE 'D', 'E' AND 'F' SIGNS  
ON 'U' CHANNEL POSTS

SHEET 1 OF 2  
**904D50**



FRAMING AND CROSS BRACE DETAILS  
FOR COMBINATION TYPE "D" & "E" SIGNS  
WIDE SIDE OF CROSS BRACE GOES TO BACK OF SIGN

FRAMING AND CROSS BRACE DETAILS  
FOR COMBINATION TYPE "D" & "F" SIGNS  
WIDE SIDE OF FLANGE TO BACK OF "F" SIGN

- NOTES:
- ERECT TYPE "D", "E", AND "F" SIGNS ON FREEWAYS WITH THE NEAR EDGE OF THE SIGN 20 FT. FROM THE TRAVEL LANE. ERECT ALL OTHER "D", "E", AND "F" SIGNS WITH THE NEAR EDGE OF THE SIGN AT THE EDGE OF THE SHOULDER BREAK (6 FT. MINIMUM CLEARANCE, 12 FT. DESIRABLE, FROM THE EDGE OF TRAVEL LANE), OR AS DIMENSIONED ON PLAN SHEETS.
  - ERECT TYPE "D", "E", AND "F" SIGNS WITH THE BOTTOM OF SIGN ASSEMBLY AT LEAST 7 FT. ABOVE THE EDGE OF THE TRAVEL LANE ON ROADS WITH 2 OR MORE LANES IN THE SAME DIRECTION AND AT LEAST 5 FT. ON OTHER ROUTES. THE VERTICAL CLEARANCE IS 7 FT. WHERE REQUIRED FOR PEDESTRIAN TRAFFIC AND/OR PARKED VEHICLES.
  - THE VERTICAL DIMENSION BETWEEN MOUNTING HOLE CENTERS ON ALL TYPES "D", "E", AND "F" SIGNS IS 30" MAXIMUM. THE VERTICAL AND HORIZONTAL DIMENSIONS BETWEEN MOUNTING HOLES IS TO THE WHOLE INCH. EACH SIGN PANEL HAS A MINIMUM OF 2 BOLTS PER SUPPORT.
  - ATTACH SIGN W/ 5/8" HEX HEAD BOLT, NYLON WASHER, SHIM, FLAT WASHER, LOCK WASHER, HEX NUT NO BUCKLING OF THE SIGN WILL BE PERMITTED. SEE ASSEMBLY DETAIL SHEET# 2 OF 904.50.
  - FURNISH AND INSTALL CROSS-BRACING AS SHOWN IN DETAIL. PAINT ENDS OF CROSS BRACES W/ APPROVED. ZINC PAINT
  - INSTALL POST AND CROSS-BRACING WITH THE WIDE SIDE OF THE FLANGE TOWARD THE BACK OF SIGN(S) FOR COMBINATION TYPE "D" AND "F" SIGNS.
  - THE SHIELD HEIGHTS IN THESE ASSEMBLIES CAN NOT BE LARGER THAN 24".
  - IF SIGN ASSEMBLIES REQUIRE MORE THAN TWO U-CHANNEL SUPPORTS, THE SUPPORTS SHALL BE PLACED A MINIMUM OF 4 FT. BETWEEN POSTS. NO MORE THAN TWO POSTS SHALL FALL WITHIN 7 FT. PATH, OR THE SIGN ASSEMBLY MUST BE PLACED BEHIND BARRIER PROTECTION.

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

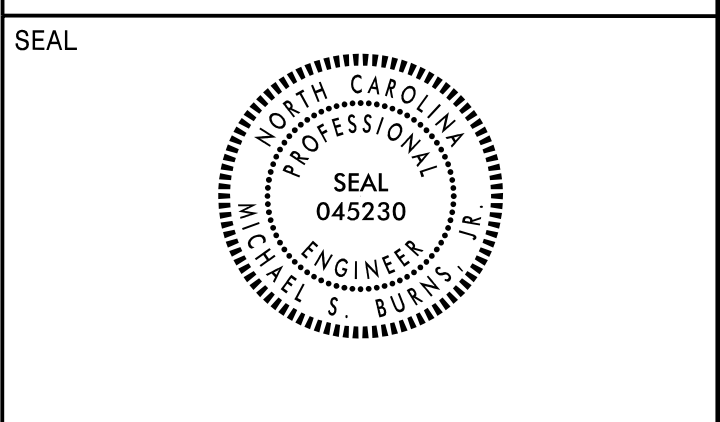
6-21

ENGLISH DETAIL DRAWING FOR  
MOUNTING OF  
TYPE 'D', 'E' AND 'F' SIGNS  
ON 'U' CHANNEL POSTS

SHEET 1 OF 2  
**904D50**

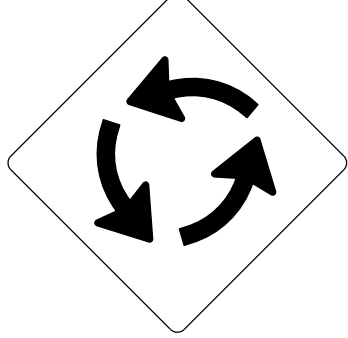
**REVISED SIGNING  
ROADWAY STANDARD DRAWING**

APPROVED: *Michael S. Buena, Jr.*  
D425C8C006F437  
 DATE: 5/3/2023



**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

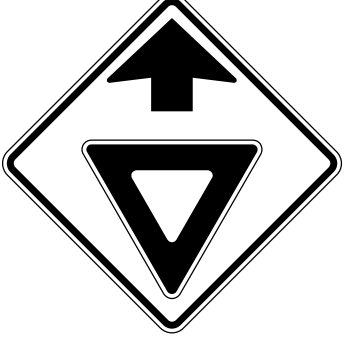
401 QUANTITY REQ'D 5



30" X 30"  
W2-6

ONE "U" POST PER SIGN


402 QUANTITY REQ'D 5



30" X 30"  
W3-2

ONE "U" POST PER SIGN

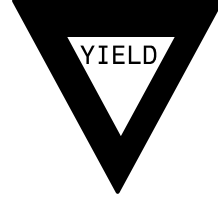
403 QUANTITY REQ'D 8



30" X 24"  
R6-4

ONE "U" POST PER SIGN

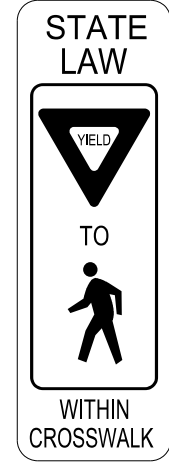
404 QUANTITY REQ'D 9



48" X 48" X 48"  
R1-2

ONE "U" POST PER SIGN

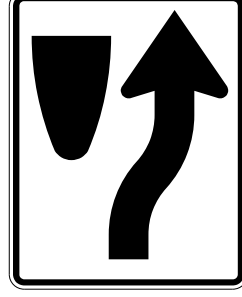
405 QUANTITY REQ'D 6



12" X 36"  
R1-6

ONE POST PER SIGN

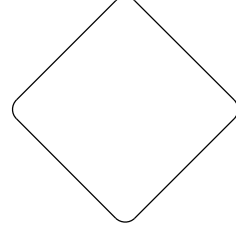
406 QUANTITY REQ'D 9



24" X 30"  
R4-7

ONE "U" POST PER SIGN


407 QUANTITY REQ'D 9



18" X 18"  
OM1-3

MOUNT BELOW SIGN 406  
IN 9 INSTALLATIONS


408 QUANTITY REQ'D 7



36" X 36"  
W11-2

ONE "U" POST PER SIGN


409 QUANTITY REQ'D 6



24" X 12"  
W16-7PL

MOUNT BELOW SIGN 408  
IN 6 INSTALLATIONS

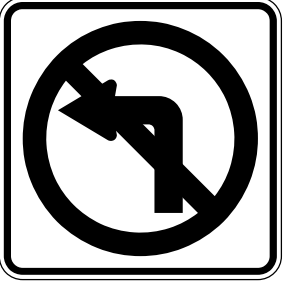
410 QUANTITY REQ'D 3



54" X 18"  
R6-1

ONE "U" POST PER SIGN

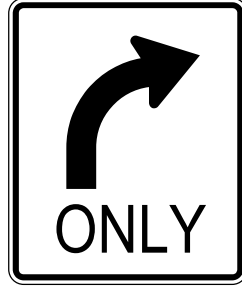
411 QUANTITY REQ'D 3



24" X 24"  
R3-2

MOUNT BELOW SIGN 415  
IN 3 INSTALLATIONS


412 QUANTITY REQ'D 3



30" X 36"  
R3-5R

MOUNT BELOW SIGN 415  
IN 3 INSTALLATIONS


413 QUANTITY REQ'D 1



24" X 30"  
R2-1

ONE "U" POST PER SIGN

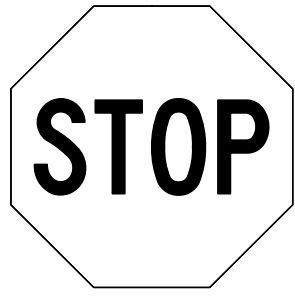
414 QUANTITY REQ'D 1



36" X 36"  
R5-1

ONE "U" POST PER SIGN

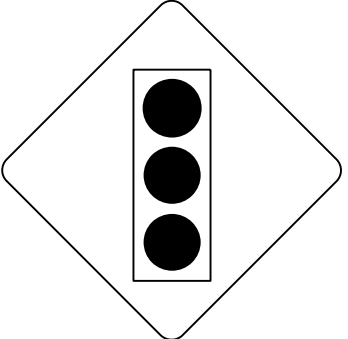
415 QUANTITY REQ'D 6



30" X 30"  
R1-1

ONE "U" POST PER SIGN


416 QUANTITY REQ'D 2



36" X 36"  
W11-2

ONE "U" POST PER SIGN


417 QUANTITY REQ'D 1



24" X 12"  
W16-9P

MOUNT BELOW SIGN 408  
IN 1 INSTALLATION

418 QUANTITY REQ'D 1



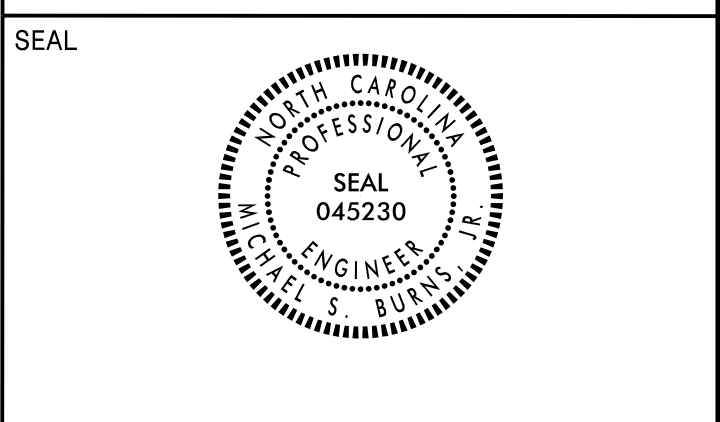
36" X 36"  
W11-2

ONE "U" POST PER SIGN



**TYPE "E" SIGNS**

APPROVED: *Michael S. Burns, Jr.*  
D425C8C006F437  
 DATE: 5/3/2023



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 UNLESS ALL SIGNATURES COMPLETED**

501 QUANTITY REQ'D   1  

ONE "U" POST PER SIGN

502 QUANTITY REQ'D   1  

ONE "U" POST PER SIGN

503 QUANTITY REQ'D   1  

ONE "U" POST PER SIGN

504 QUANTITY REQ'D   1  

ONE "U" POST PER SIGN

505 QUANTITY REQ'D   2  

ONE "U" POST PER SIGN

506 QUANTITY REQ'D   1  

TWO "U" POST PER SIGN

507 QUANTITY REQ'D   1  

TWO "U" POST PER SIGN

508 QUANTITY REQ'D   1  

ONE "U" POST PER SIGN

509 QUANTITY REQ'D   1  

ONE "U" POST PER SIGN

510 QUANTITY REQ'D   1  

ONE "U" POST PER SIGN

511 QUANTITY REQ'D   1  

ONE "U" POST PER SIGN

512 QUANTITY REQ'D   1  

TWO "U" POST PER SIGN

513 QUANTITY REQ'D   1  


ONE "U" POST PER SIGN

514 QUANTITY REQ'D   1  

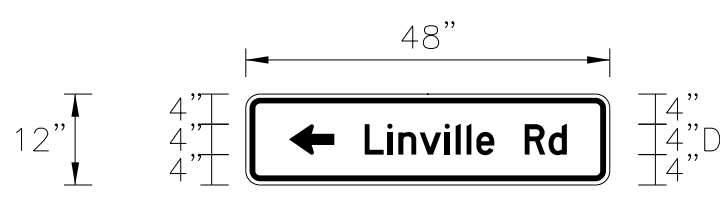
TWO "U" POST PER SIGN

Firm License No. C-1051  
 223 S. West St.  
 Suite 1100  
 Raleigh, NC 27603  
 T 919.380.8750  
 www.stewartinc.com

**TYPE "F" SIGNS**

TIP NO. R-5725	SHEET NO. SIGN-4
APPROVED: <i>Michael S. Burns, Jr.</i> <small>D425C8C0006F437...</small>	
DATE: 5/3/2023	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

<b>SIGN NUMBER:</b> 301 <b>TYPE:</b> D <b>QUANTITY:</b> 1 <b>SIGN WIDTH:</b> 4'-0" <b>HEIGHT:</b> 1'-0" <b>TOTAL AREA:</b> 4.0 Sq.Ft. <b>BORDER TYPE:</b> FLUSH <b>RECESS:</b> 0.5" <b>WIDTH:</b> 0.75" <b>RADII:</b> 1.38" <b>NO. Z BARS:</b> <b>LENGTH:</b>	<b>BACKG COLOR:</b> Yellow <b>COPY COLOR:</b> Black <table border="1"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>AR_Type D</td> <td>5.7</td> <td>4</td> <td>4</td> <td>6</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	AR_Type D	5.7	4	4	6	<b>DESIGN BY:</b> MSB <b>PROJECT ID:</b> R-5725 <b>CHECKED BY:</b> APY <b>DATE:</b> Feb 06, 2023 <b>DIV:</b> 7
SYMBOL	X	Y	WID	HT								
AR_Type D	5.7	4	4	6								



BORDER R=1.38"  
TH=0.75"  
IN=0.5"

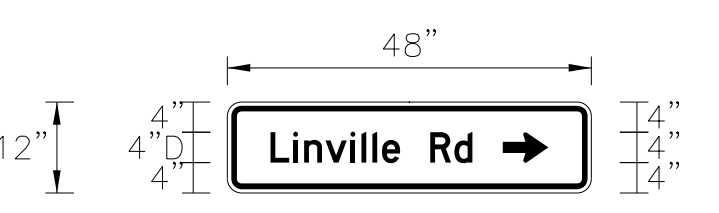
Spacing Factor is 1 unless specified otherwise

**LETTER POSITIONS**

Letter spacings are to start of next letter													Series/Size
L	i	n	v	i	l	i	e	R	d				Text Length
15.7	3	1.4	2.8	3.3	1.4	1.4	1.3	2.4	4	3.2	2.4	5.7	D 2000 26.6

FILENAME: R5725\_Sgn\_SGN4 NORTH CAROLINA D.O.T. SIGN DETAIL

<b>SIGN NUMBER:</b> 302 <b>TYPE:</b> D <b>QUANTITY:</b> 1 <b>SIGN WIDTH:</b> 4'-0" <b>HEIGHT:</b> 1'-0" <b>TOTAL AREA:</b> 4.0 Sq.Ft. <b>BORDER TYPE:</b> FLUSH <b>RECESS:</b> 0.5" <b>WIDTH:</b> 0.75" <b>RADII:</b> 1.38" <b>NO. Z BARS:</b> <b>LENGTH:</b>	<b>BACKG COLOR:</b> Yellow <b>COPY COLOR:</b> Black <table border="1"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>AR_Type D</td> <td>36.3</td> <td>4</td> <td>4</td> <td>6</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	AR_Type D	36.3	4	4	6	<b>DESIGN BY:</b> MSB <b>PROJECT ID:</b> R-5725 <b>CHECKED BY:</b> APY <b>DATE:</b> Feb 06, 2023 <b>DIV:</b> 7
SYMBOL	X	Y	WID	HT								
AR_Type D	36.3	4	4	6								



BORDER R=1.38"  
TH=0.75"  
IN=0.5"

Spacing Factor is 1 unless specified otherwise

**LETTER POSITIONS**

Letter spacings are to start of next letter													Series/Size
L	i	n	v	i	l	i	e	R	d				Text Length
5.7	3	1.4	2.8	3.3	1.4	1.4	1.3	2.4	4	3.2	2.4	15.7	D 2000 26.6

FILENAME: R5725\_Sgn\_SGN4 NORTH CAROLINA D.O.T. SIGN DETAIL

5/3/2023 5:58:10 PM \\stewartinc\Users\mckenzie\My Documents\Projects\RE725\_Sgn\_SGN4.dgn



**SIGN DESIGNS  
GROUND MOUNTED**

SIGN NUMBER: 303 TYPE: D QUANTITY: 1  
 SIGN WIDTH: 5'-6" HEIGHT: 1'-6" TOTAL AREA: 8.3 Sq.Ft.  
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 1.5"  
 NO. Z BARS: LENGTH:

BACKG COLOR: Green COPY COLOR: White  
 DESIGN BY: MSB CHECKED BY: APY Jan 20, 2022  
 PROJECT ID: R-5725 DIV: 7

SYMBOL	X	Y	WID	HT
AR_Type D	52.4	5.4	6	9

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2  
 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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	L	i	n	v	i	l	l	e	R	d	Series/Size	Text Length
	6.4	10.9	13.1	17.3	22.3	24.4	26.6	28.5	32.1	38.1	D 2000	40

FILENAME: R5725\_Sgn\_prop\_dsn NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 304 TYPE: D QUANTITY: 1  
 SIGN WIDTH: 5'-6" HEIGHT: 2'-6" TOTAL AREA: 13.8 Sq.Ft.  
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 2.25"  
 NO. Z BARS: LENGTH:

BACKG COLOR: Green COPY COLOR: White  
 DESIGN BY: MSB CHECKED BY: APY Feb 06, 2023  
 PROJECT ID: R-5725 LOCATION: DIV: 7

SYMBOL	X	Y	WID	HT
AR_Type D	5.7	19.3	6	9
AR_Type D	51.3	4.7	6	9

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2  
 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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	H	i	g	h	P	o	i	n	t	S	t	o	k	e	s	d	o	l	e	Series/Size	Text Length
	20.7	5.4	1.9	4.8	3.5	6	4.6	4.6	2.2	4.1	2.4	5.7								D 2000	39.6
	5.7	4.4	2.8	4.6	4.3	4	3.4	4.5	4.6	1.9	3.5	22.2								D 2000	38.1

FILENAME: R5725\_Sgn\_SGN4 NORTH CAROLINA D.O.T. SIGN DETAIL

5/3/2023 10:58:10 AM  
 C:\Users\USER1\Documents\Projects\RE725\_Sgn\_SGN4.dgn  
 USER1



**SIGN DESIGNS  
 GROUND MOUNTED**

SIGN NUMBER: 305 TYPE: D QUANTITY: 1 SIGN WIDTH: 6'-6" HEIGHT: 3'-0" TOTAL AREA: 19.5 Sq.Ft. BORDER TYPE: INSET RECESS: 0" WIDTH: 0.75" RADII: 2.75" NO. Z BARS: LENGTH:	BACKG COLOR: Brown COPY COLOR: White <table border="1"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>AR_Type D</td> <td>34.5</td> <td>4.5</td> <td>6</td> <td>9</td> </tr> </tbody> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	34.5	4.5	6	9	DESIGN BY: MSB CHECKED BY: APY Jun 21, 2022 DIV: 7 PROJECT ID: R-5725
SYMBOL	X	Y	WID	HT								
AR_Type D	34.5	4.5	6	9								

BORDER R=2.75" TH=0.75"

Panel Style: guide\_con\_recreational.ssi  
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

Letter locations are panel edge to lower left corner															Series/Size	
O	a	k		R	i	d	g	e							Text Length	
19.4	24.6	29.2	33	39	44	45.9	50.5	55							D 2000 39.1	
5.8	11.8	14	16.2	17.8	20.5	25.1	27.6	32.1	38.1	43.8	47.8	52.1	56.7	61	67.6	D 2000 66.3

FILENAME: R5725\_Sgn\_prop\_dsn NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 306 TYPE: D QUANTITY: 1 SIGN WIDTH: 6'-6" HEIGHT: 3'-0" TOTAL AREA: 19.5 Sq.Ft. BORDER TYPE: INSET RECESS: 0" WIDTH: 0.75" RADII: 2.75" NO. Z BARS: LENGTH:	BACKG COLOR: Brown COPY COLOR: White <table border="1"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>AR_Type D</td> <td>34.5</td> <td>4.5</td> <td>6</td> <td>9</td> </tr> </tbody> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	34.5	4.5	6	9	DESIGN BY: MSB CHECKED BY: APY Jun 21, 2022 DIV: 7 PROJECT ID: R-5725
SYMBOL	X	Y	WID	HT								
AR_Type D	34.5	4.5	6	9								

BORDER R=2.75" TH=0.75"

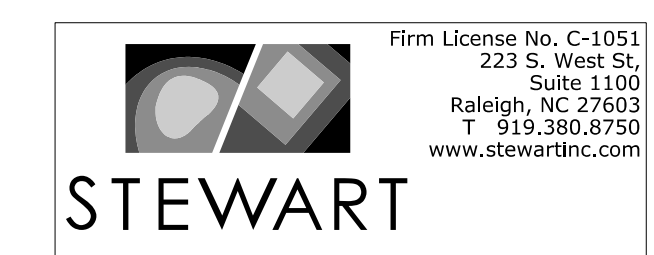
Panel Style: guide\_con\_recreational.ssi  
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

Letter locations are panel edge to lower left corner															Series/Size	
O	a	k		R	i	d	g	e							Text Length	
19.4	24.6	29.2	33	39	44	45.9	50.5	55							D 2000 39.1	
5.8	11.8	14	16.2	17.8	20.5	25.1	27.6	32.1	38.1	43.8	47.8	52.1	56.7	61	67.6	D 2000 66.3

FILENAME: R5725\_Sgn\_prop\_dsn NORTH CAROLINA D.O.T. SIGN DETAIL

5/3/2023 5:30:12 PM \\stewart\rs725\_Sgn\_SGN4B.dgn USER:mckenzie



SIGN DESIGNS  
GROUND MOUNTED



SIGN NUMBER: 420      BACKG COLOR: White  
TYPE: E                      COPY COLOR: Black  
QUANTITY: 1

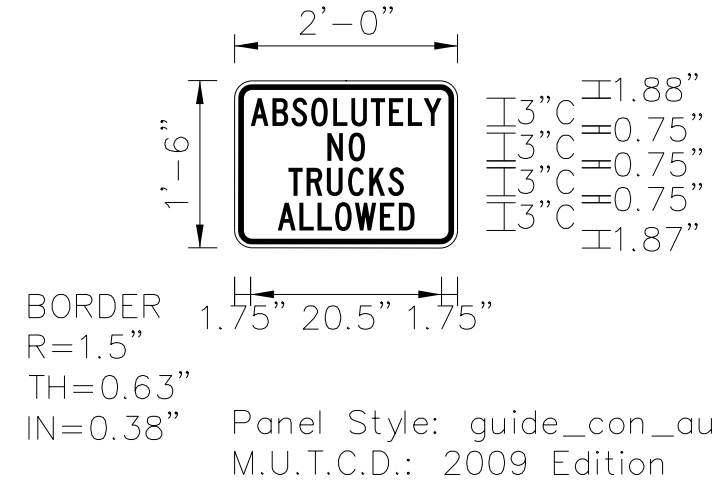
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-0"  
HEIGHT: 1'-6"  
TOTAL AREA: 3.0 Sq.Ft.

BORDER TYPE: INSET  
RECESS: 0.38"  
WIDTH: 0.63"  
RADII: 1.5"

NO. Z BARS:                      MAT'L: 0.080" (2.0 mm) ALUMINUM  
LENGTH:

DESIGN BY: MSB                      CHECKED BY: APY                      Jun 21, 2022  
PROJECT ID: R-5725                      DIV: 7



USE NOTES: 1,2  
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.

Panel Style: guide\_con\_auxiliary\_wht\_2012.ssi  
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	Series/Size	Text Length
A	C 2000	20.5
B	C 2000	20.5
S	C 2000	20.5
O	C 2000	20.5
L	C 2000	20.5
U	C 2000	20.5
T	C 2000	20.5
E	C 2000	20.5
L	C 2000	20.5
Y	C 2000	20.5
N	C 2000	4
O	C 2000	4
T	C 2000	12.4
R	C 2000	12.4
U	C 2000	12.4
C	C 2000	12.4
K	C 2000	12.4
S	C 2000	12.4
A	C 2000	14.7
L	C 2000	14.7
L	C 2000	14.7
O	C 2000	14.7
W	C 2000	14.7
E	C 2000	14.7
D	C 2000	14.7

FILENAME: R5725\_Sgn\_prop\_dsn                      NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 422      BACKG COLOR: White  
TYPE: E                      COPY COLOR: Red  
QUANTITY: 2

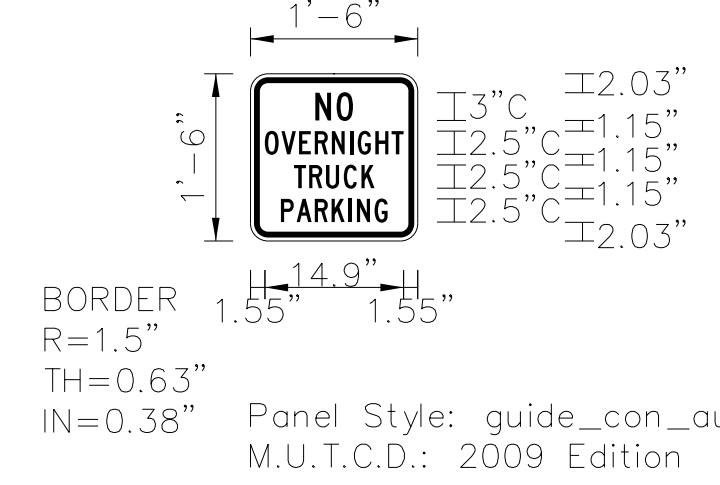
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"  
HEIGHT: 1'-6"  
TOTAL AREA: 2.3 Sq.Ft.

BORDER TYPE: INSET  
RECESS: 0.38"  
WIDTH: 0.63"  
RADII: 1.5"

NO. Z BARS:                      MAT'L: 0.080" (2.0 mm) ALUMINUM  
LENGTH:

DESIGN BY: MSB                      CHECKED BY: APY                      Jun 21, 2022  
PROJECT ID: R-5725                      DIV: 7



USE NOTES: 1,2  
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.

Panel Style: guide\_con\_auxiliary\_wht\_2012.ssi  
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	Series/Size	Text Length
N	C 2000	4.1
O	C 2000	4.1
V	C 2000	14.9
E	C 2000	14.9
R	C 2000	14.9
N	C 2000	14.9
I	C 2000	14.9
G	C 2000	14.9
H	C 2000	14.9
T	C 2000	14.9
T	C 2000	8.7
R	C 2000	8.7
U	C 2000	8.7
C	C 2000	8.7
K	C 2000	8.7
P	C 2000	11.5
A	C 2000	11.5
R	C 2000	11.5
K	C 2000	11.5
I	C 2000	11.5
N	C 2000	11.5
G	C 2000	11.5

FILENAME: R5725\_Sgn\_prop\_dsn                      NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 421      BACKG COLOR: White  
TYPE: E                      COPY COLOR: Black  
QUANTITY: 1

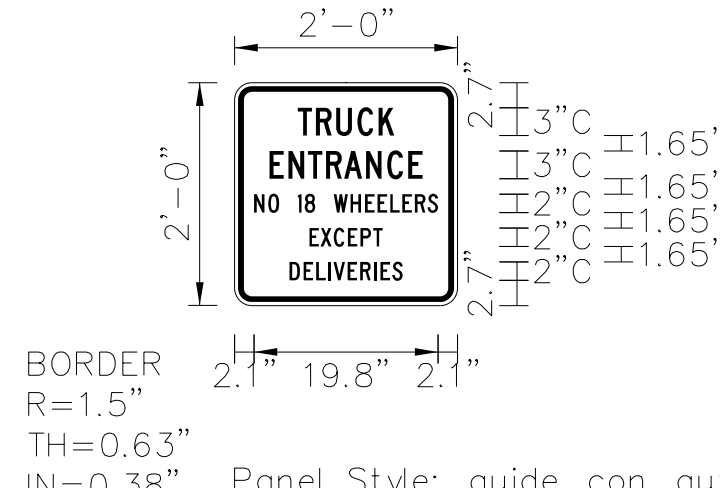
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-0"  
HEIGHT: 2'-0"  
TOTAL AREA: 4.0 Sq.Ft.

BORDER TYPE: INSET  
RECESS: 0.38"  
WIDTH: 0.63"  
RADII: 1.5"

NO. Z BARS:                      MAT'L: 0.080" (2.0 mm) ALUMINUM  
LENGTH:

DESIGN BY: MSB                      CHECKED BY: APY                      Jun 21, 2022  
PROJECT ID: R-5725                      DIV: 7



USE NOTES: 1,2  
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.

Panel Style: guide\_con\_auxiliary\_wht\_2012.ssi  
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

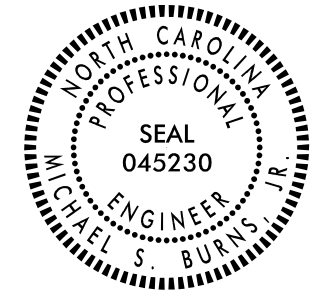
Letter	Series/Size	Text Length
T	C 2000	10.4
R	C 2000	10.4
U	C 2000	10.4
C	C 2000	10.4
K	C 2000	10.4
E	C 2000	16.5
N	C 2000	16.5
T	C 2000	16.5
R	C 2000	16.5
A	C 2000	16.5
N	C 2000	16.5
C	C 2000	16.5
E	C 2000	16.5
N	C 2000	19.8
O	C 2000	19.8
I	C 2000	19.8
8	C 2000	19.8
W	C 2000	19.8
H	C 2000	19.8
E	C 2000	19.8
E	C 2000	19.8
L	C 2000	19.8
E	C 2000	19.8
R	C 2000	19.8
S	C 2000	19.8
E	C 2000	7.9
X	C 2000	7.9
C	C 2000	7.9
E	C 2000	7.9
P	C 2000	7.9
T	C 2000	7.9
D	C 2000	12.2
E	C 2000	12.2
L	C 2000	12.2
I	C 2000	12.2
V	C 2000	12.2
E	C 2000	12.2
R	C 2000	12.2
I	C 2000	12.2
E	C 2000	12.2
S	C 2000	12.2

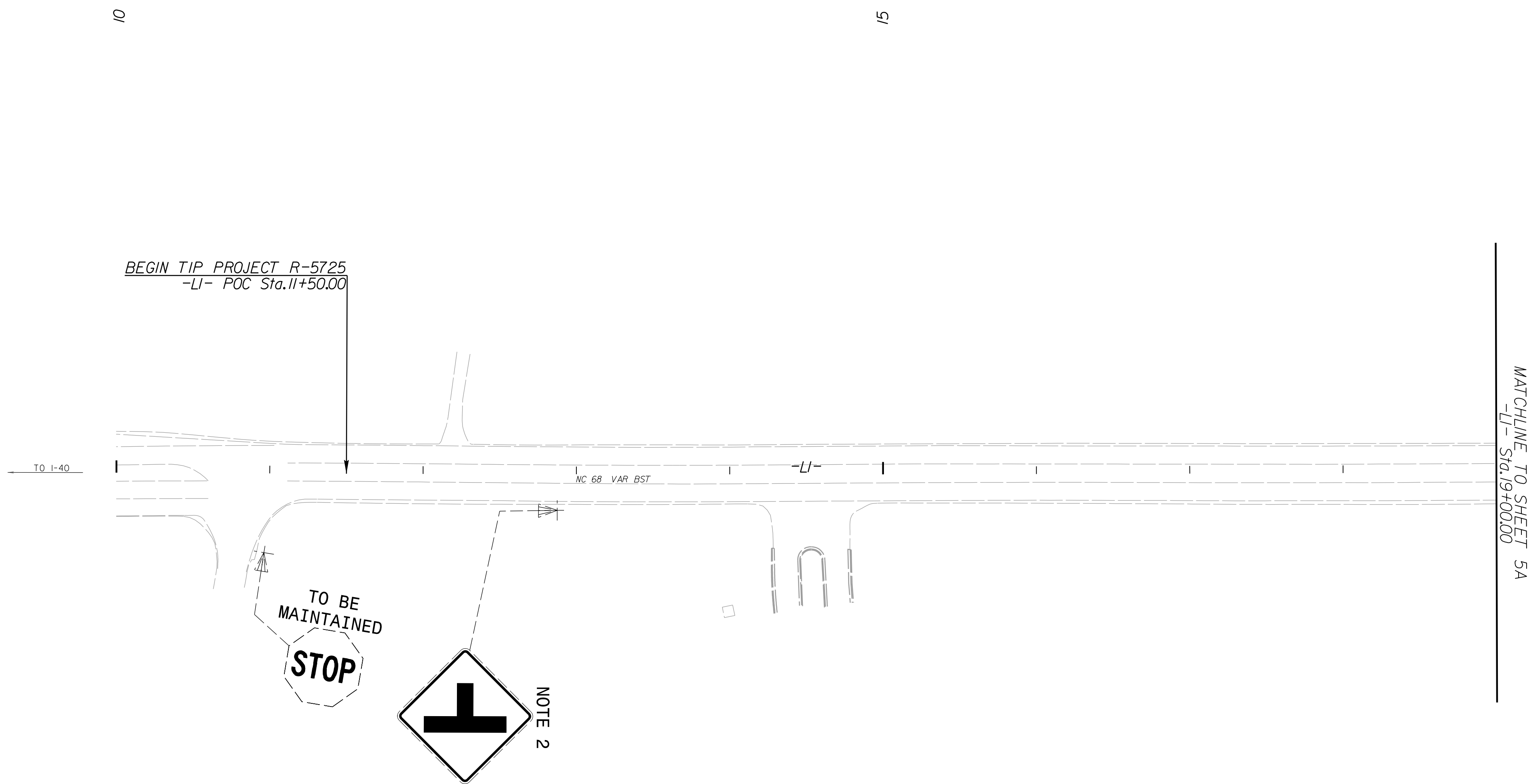
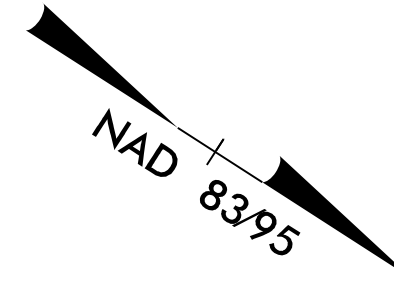
FILENAME: R5725\_Sgn\_prop\_dsn                      NORTH CAROLINA D.O.T. SIGN DETAIL

5/3/2023 10:58:12 AM \\stewart\rs5725\_Sgn\_SGN4C.dgn USER:rs5725



**SIGN DESIGNS  
GROUND MOUNTED**

TIP NO. R-5725	SHEET NO. SIGN-5
APPROVED: <i>Michael S. Buena, Jr.</i> <small>D425C8CC006F437</small>	
DATE: 5/3/2023	
SEAL	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



**PROJECT NOTES**

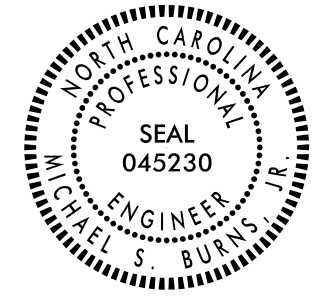
- 1 STOCKPILE SIGN, D, E OR F
- 2 DISPOSAL OF SIGN, D, E OR F
- 3 SIGN ERECTION, TYPE D, E, AND F

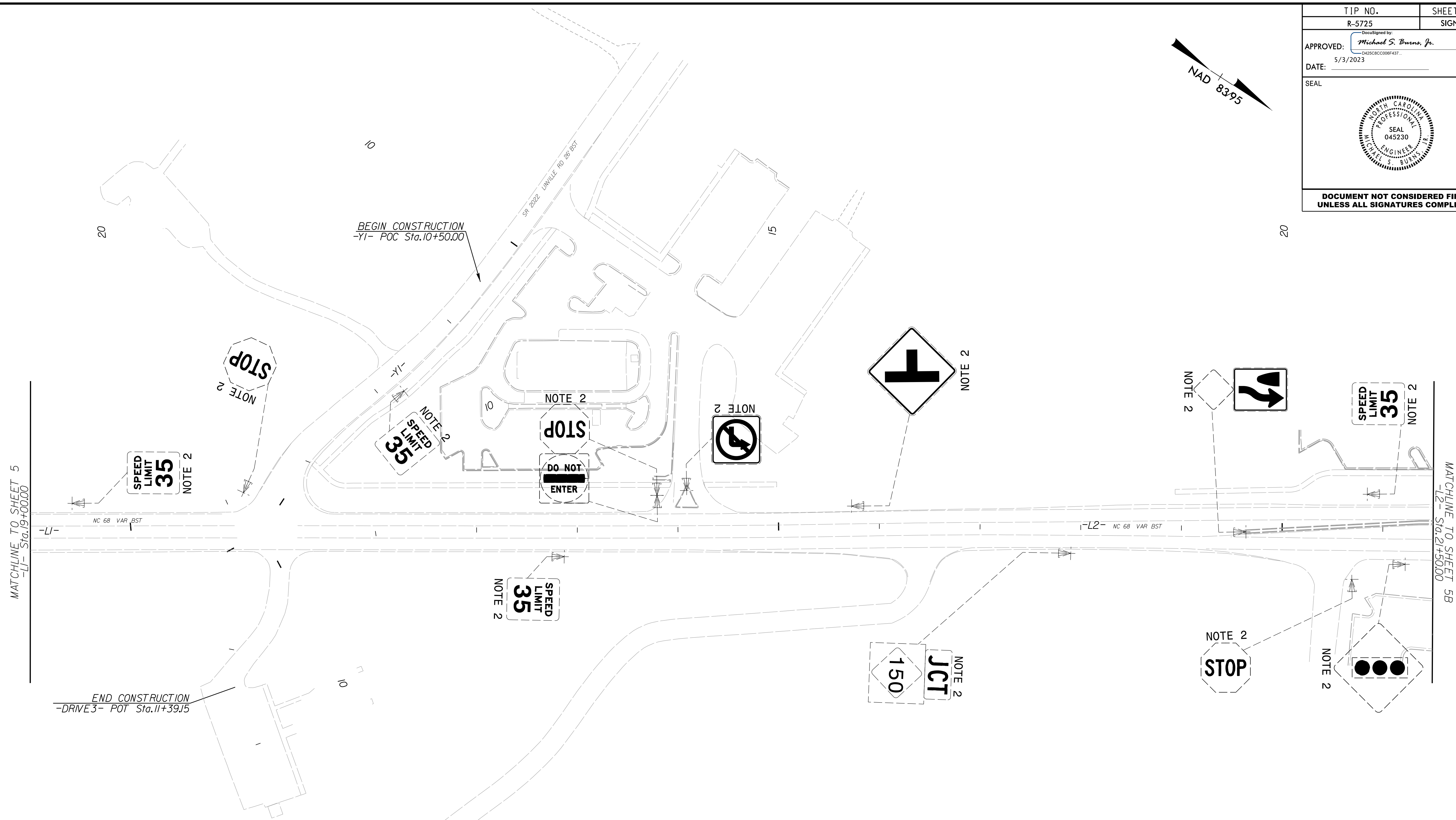
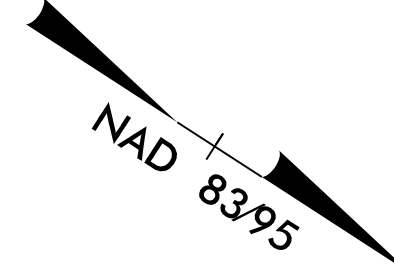
5/3/2023  
 \\signing\rs725\_Sgn\_SIGN5.dgn  
 USER:rmckenzie



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**EXISTING SIGNS**

TIP NO. R-5725	SHEET NO. SIGN-5A
Approved by: <i>Michael S. Burns, Jr.</i> <small>D425C8CC006F437</small>	
DATE: 5/3/2023	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



**PROJECT NOTES**

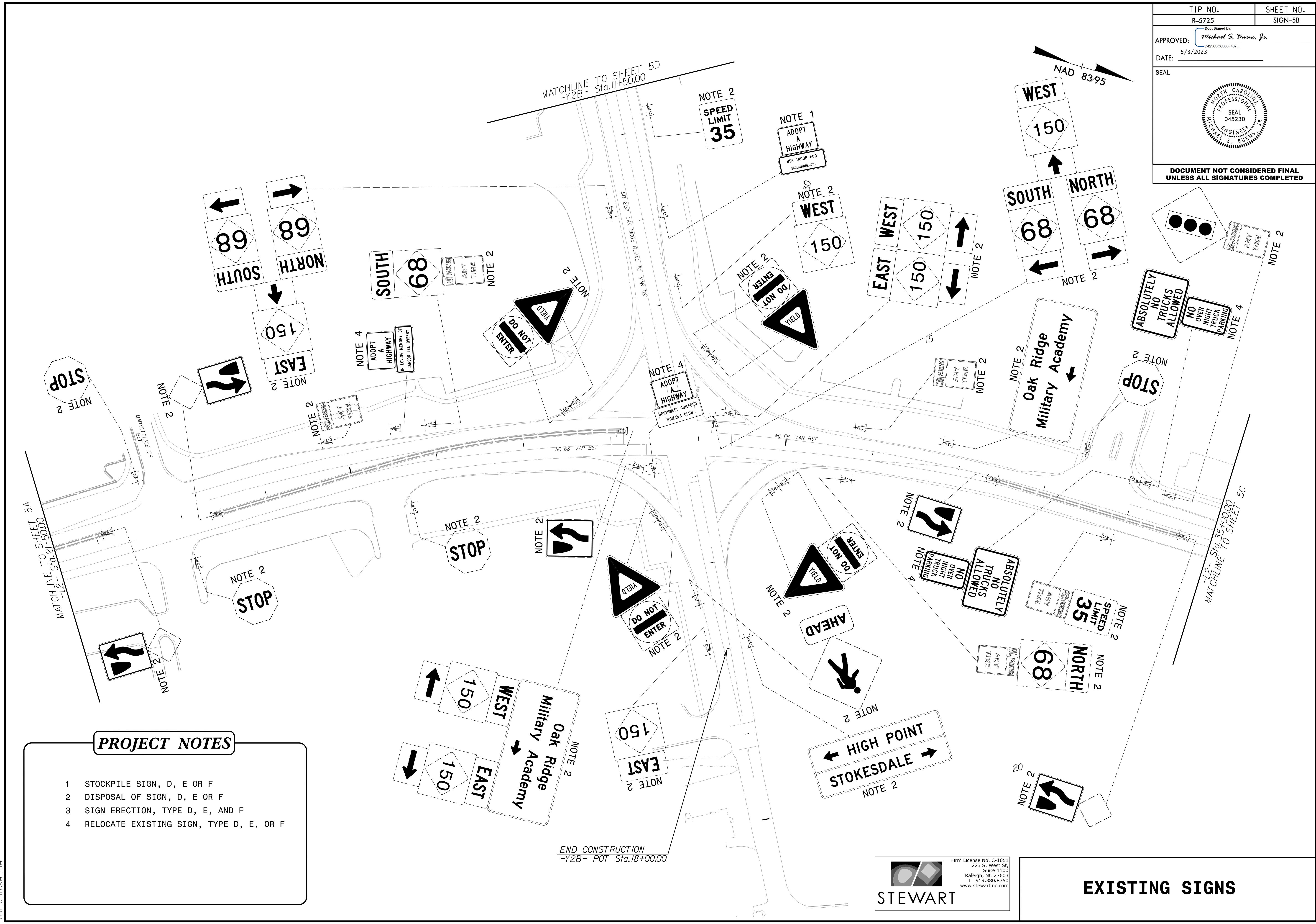
- 1 STOCKPILE SIGN, D, E OR F
- 2 DISPOSAL OF SIGN, D, E OR F
- 3 SIGN ERECTION, TYPE D, E, AND F



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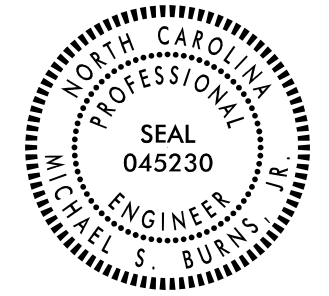
**PROJECT NOTES**

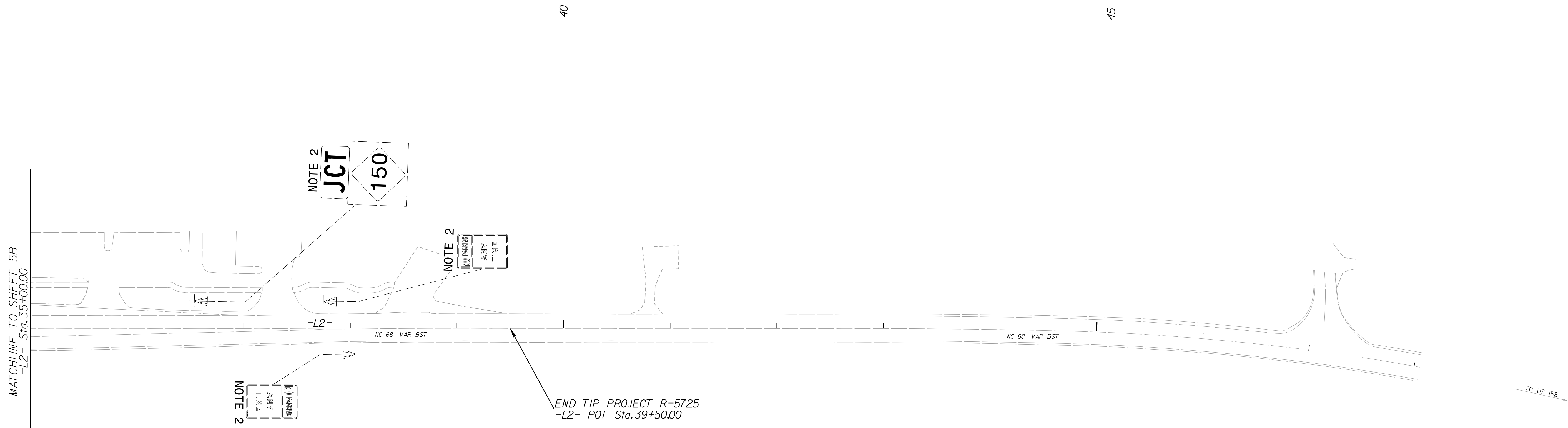
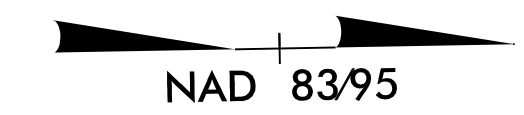
- 1 STOCKPILE SIGN, D, E OR F
- 2 DISPOSAL OF SIGN, D, E OR F
- 3 SIGN ERECTION, TYPE D, E, AND F
- 4 RELOCATE EXISTING SIGN, TYPE D, E, OR F

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5/3/2023  
 User: rsmckenzie  
 Signing: R5725\_Sgn\_SGN5B.dgn

TIP NO. R-5725	SHEET NO. SIGN-5C
APPROVED: <i>Michael S. Buena, Jr.</i> <small>D425C8CC006F437</small>	
DATE: 5/3/2023	
SEAL	
	
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**PROJECT NOTES**

- 1 STOCKPILE SIGN, D, E OR F
- 2 DISPOSAL OF SIGN, D, E OR F
- 3 SIGN ERECTION, TYPE D, E, AND F




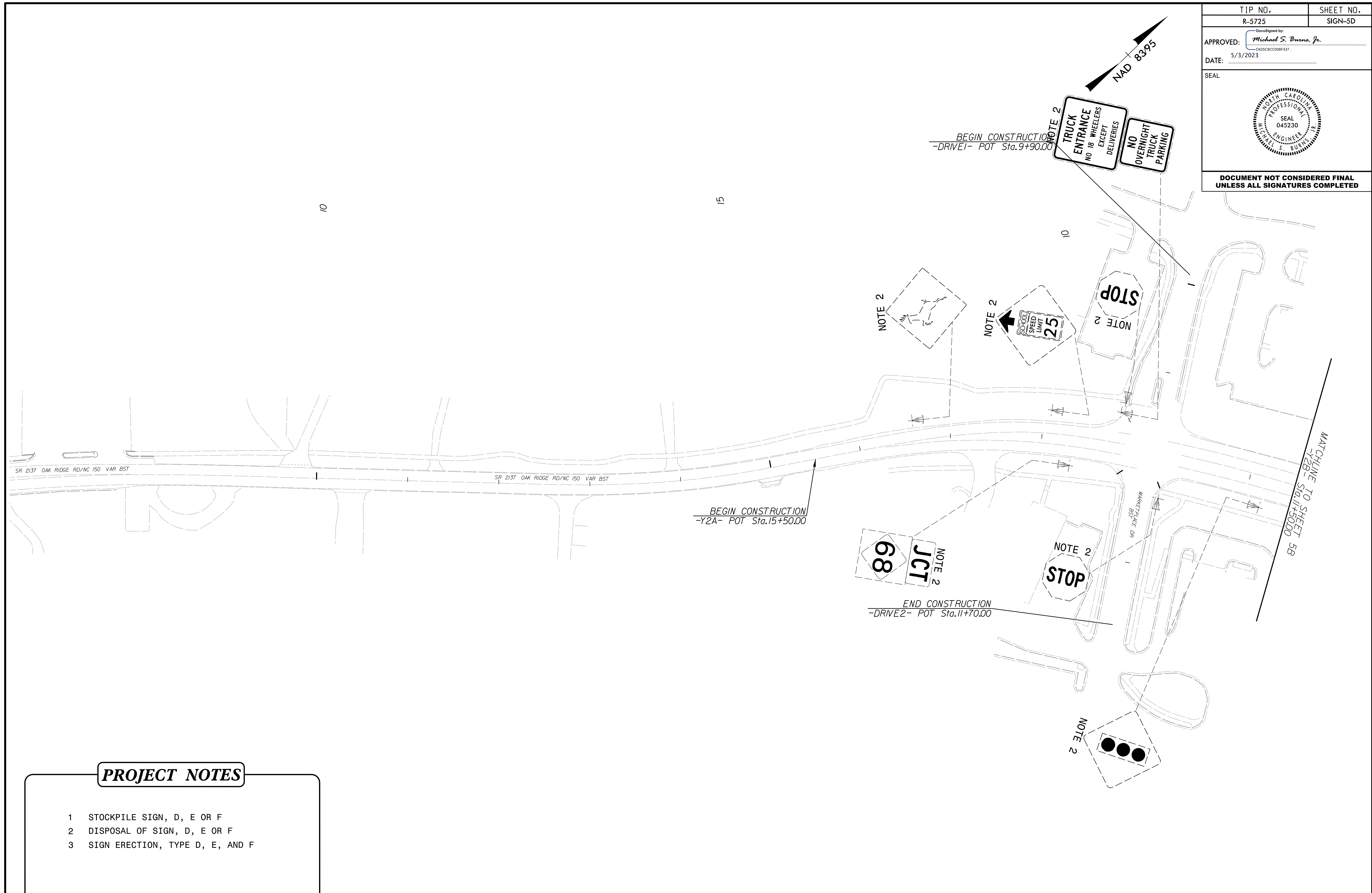
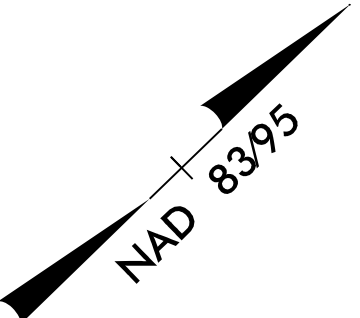
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**EXISTING SIGNS**

5/3/2023  
\\stg\eng\185725-Sgn-SIGN5C.dgn  
USER:rmckenzie

TIP NO. R-5725	SHEET NO. SIGN-5D
APPROVED: <i>Michael S. Buena, Jr.</i> DocuSigned by: Michael S. Buena, Jr. 0425080006F437...	
DATE: 5/3/2023	
SEAL	
	
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- PROJECT NOTES**
- 1 STOCKPILE SIGN, D, E OR F
  - 2 DISPOSAL OF SIGN, D, E OR F
  - 3 SIGN ERECTION, TYPE D, E, AND F

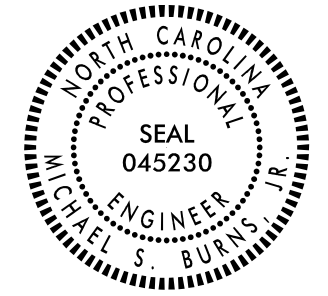


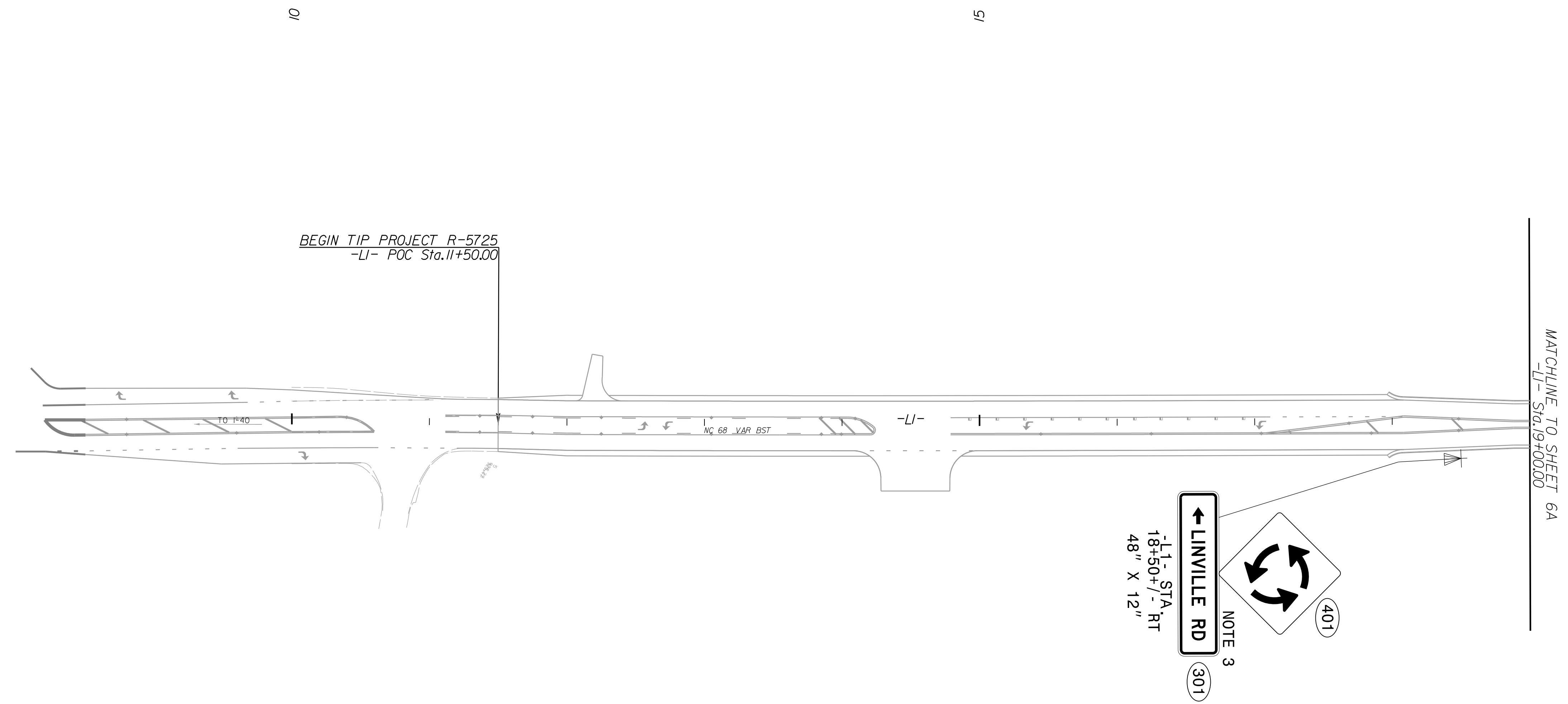
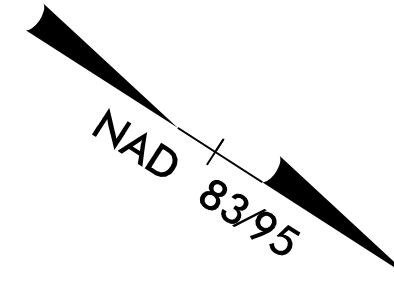
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**EXISTING SIGNS**

5/3/2023  
User: rzmckenzie  
Project: R5725\_Sgn\_SIGN5D.dgn

TIP NO. R-5725	SHEET NO. SIGN-6
Approved by: <i>Michael S. Buena, Jr.</i> <small>D425C8CC006F437</small>	
DATE: 5/3/2023	
SEAL	
	
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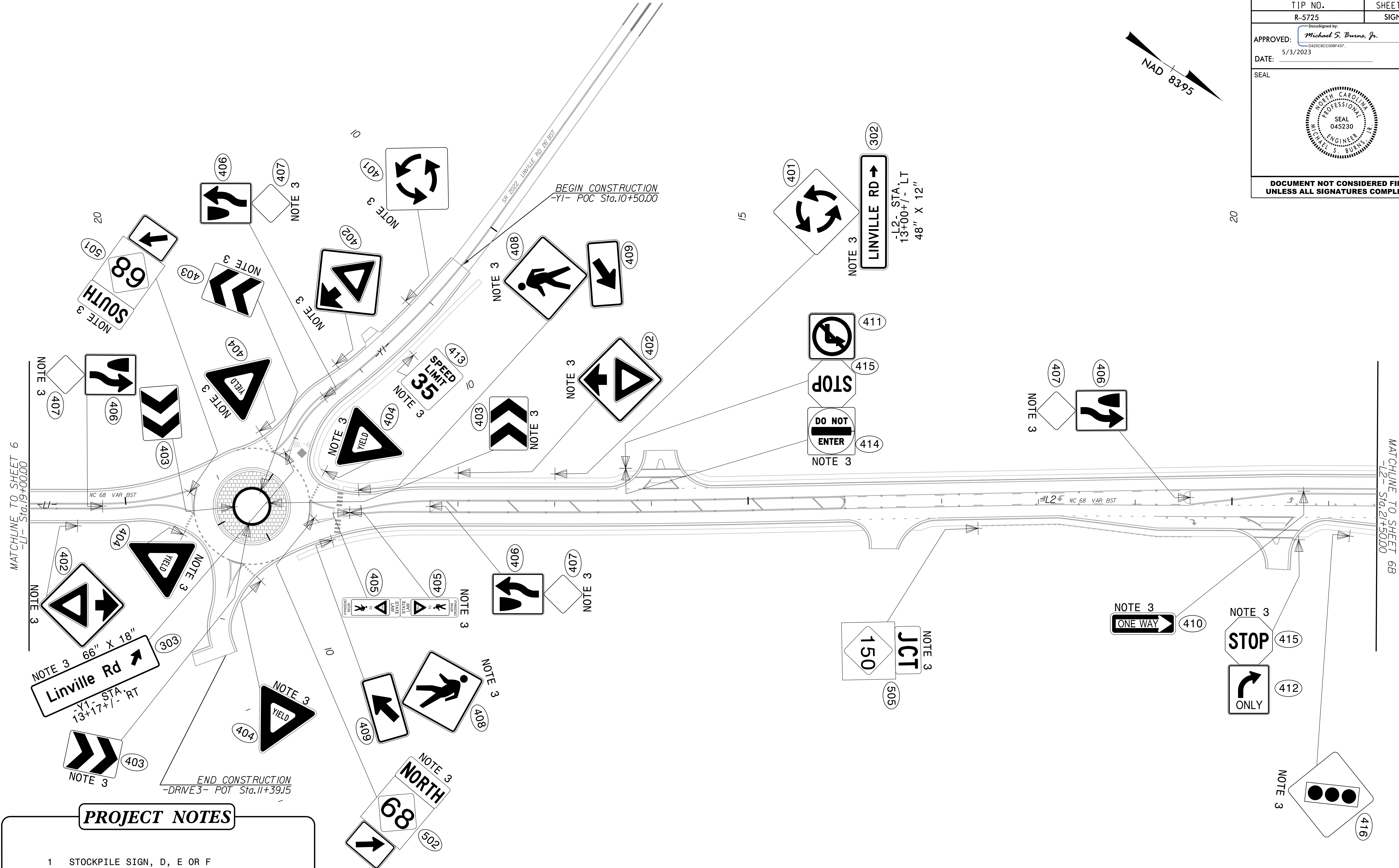
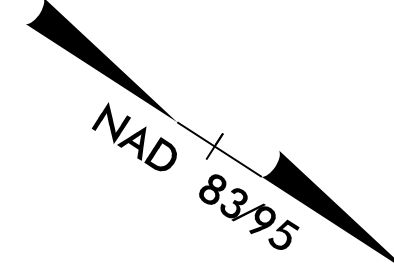
- PROJECT NOTES**
- 1 STOCKPILE SIGN, D, E OR F
  - 2 DISPOSAL OF SIGN, D, E OR F
  - 3 SIGN ERECTION, TYPE D, E, AND F



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## PROPOSED SIGNS

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 User: rzmckenzie  
 Signing: R5725\_Sgn\_SIGN6.dgn



**PROJECT NOTES**

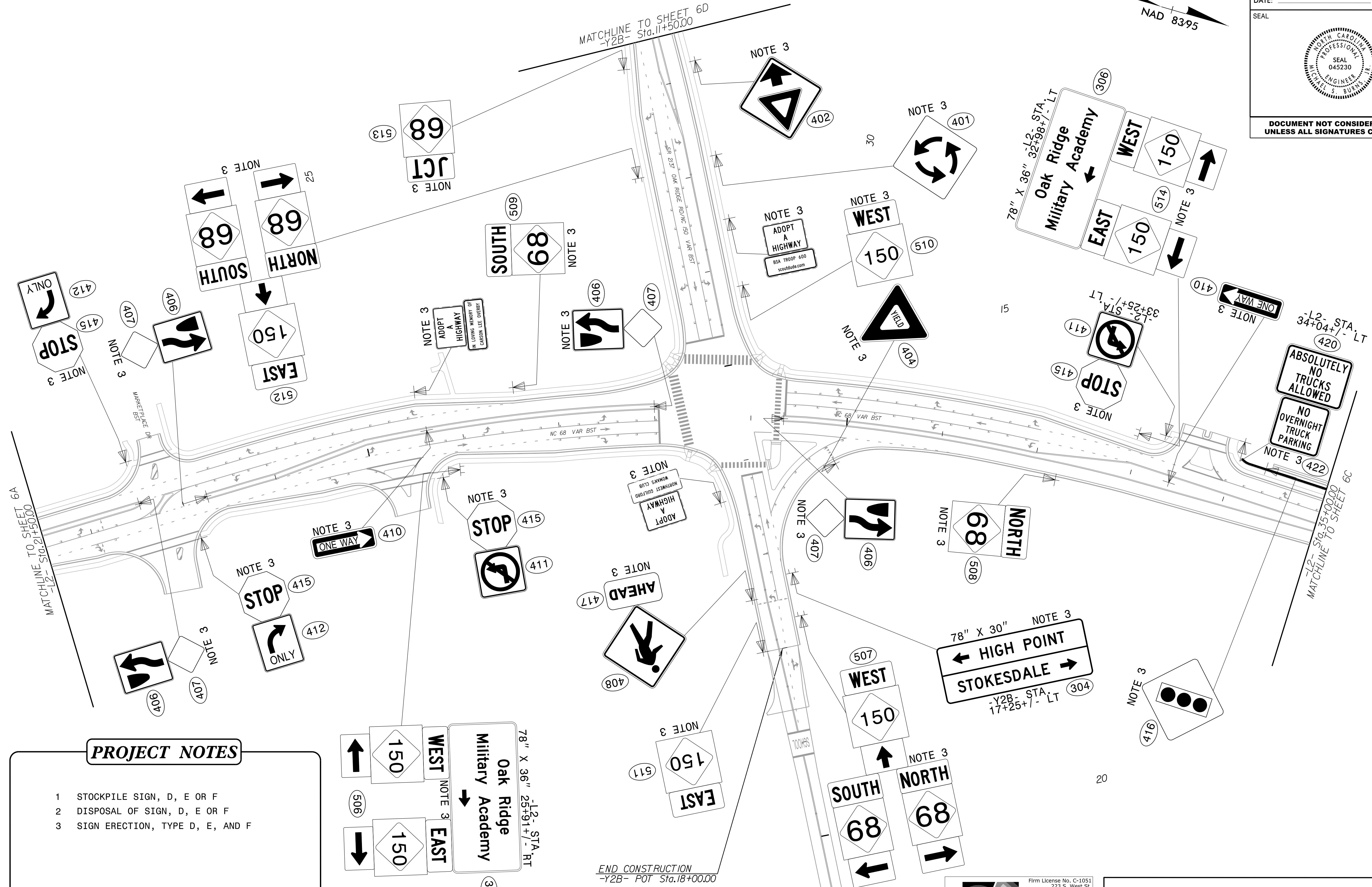
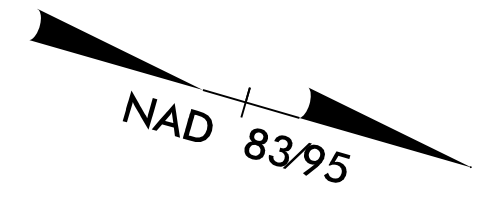
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- 2 DISPOSAL OF SIGN, D, E OR F
- 3 SIGN ERECTION, TYPE D, E, AND F

**NOTE:**  
UTILIZE 7 LF OF RED POST REFLECTORS  
ON EACH YIELD SIGN POST.



**PROPOSED SIGNS**






**PROJECT NOTES**

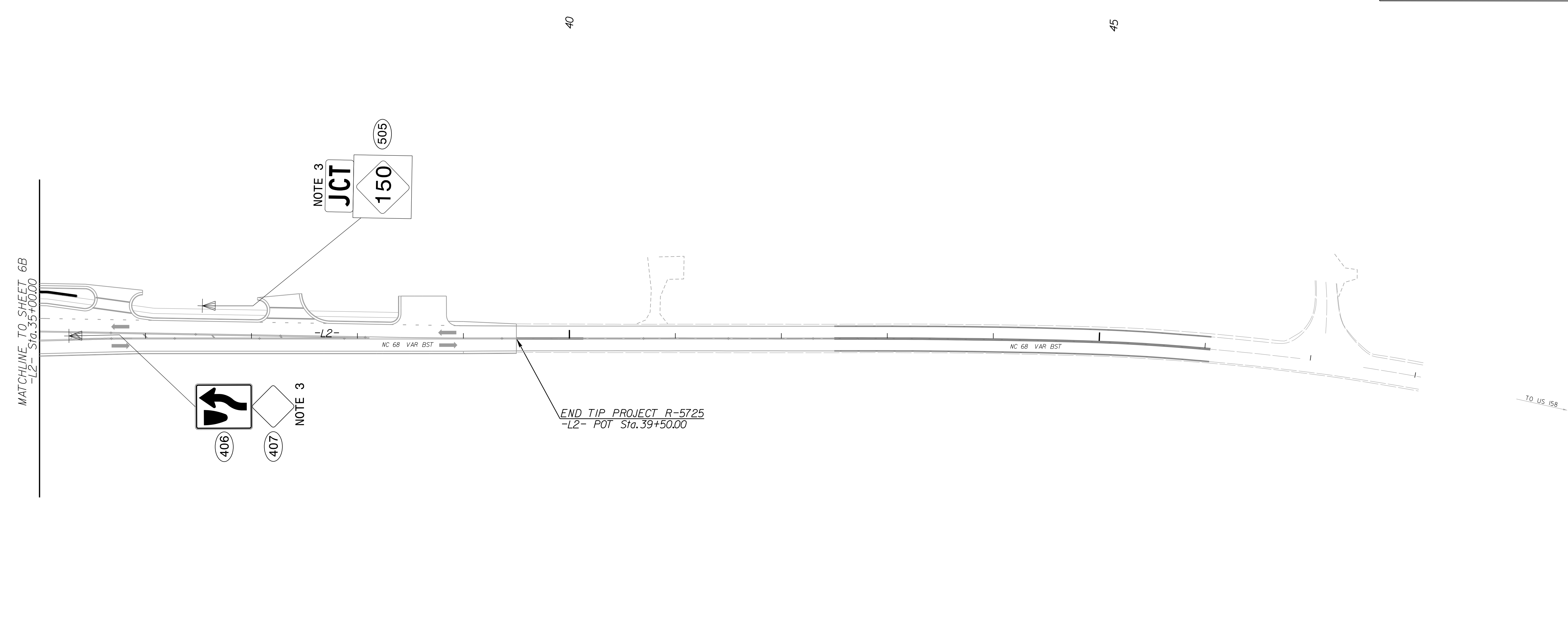
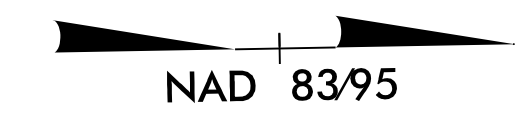
- 1 STOCKPILE SIGN, D, E OR F
- 2 DISPOSAL OF SIGN, D, E OR F
- 3 SIGN ERECTION, TYPE D, E, AND F



**PROPOSED SIGNS**

5/3/2023 11:58:10 AM C:\Users\mckenzie\OneDrive\Documents\Projects\5725\_Sign\_SGN6B.dgn

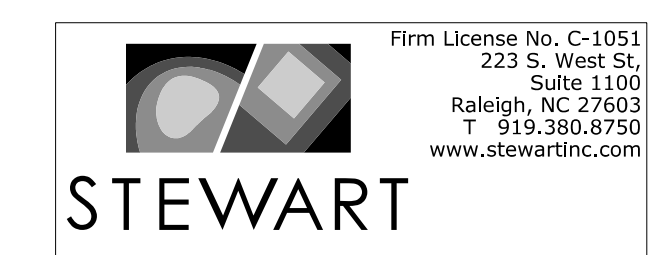
TIP NO. R-5725	SHEET NO. SIGN-6C
APPROVED: <i>Michael S. Buena, Jr.</i> <small>D425C8CC006F437</small>	
DATE: 5/3/2023	
SEAL	
	
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**PROJECT NOTES**

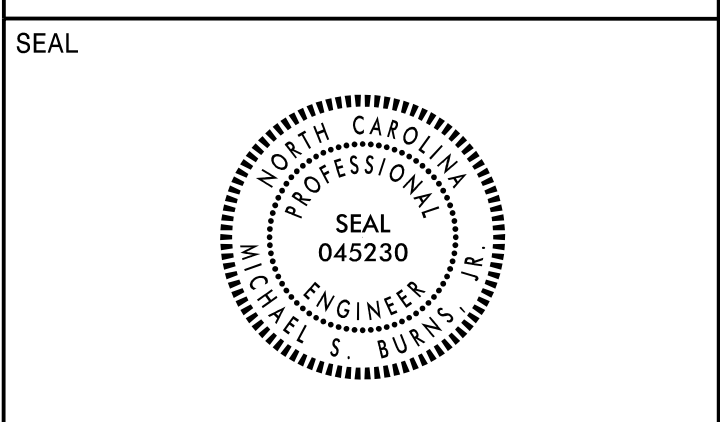
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- 2 DISPOSAL OF SIGN, D, E OR F
- 3 SIGN ERECTION, TYPE D, E, AND F

5/3/2023 11:58:10 AM USER: rzmckenzie

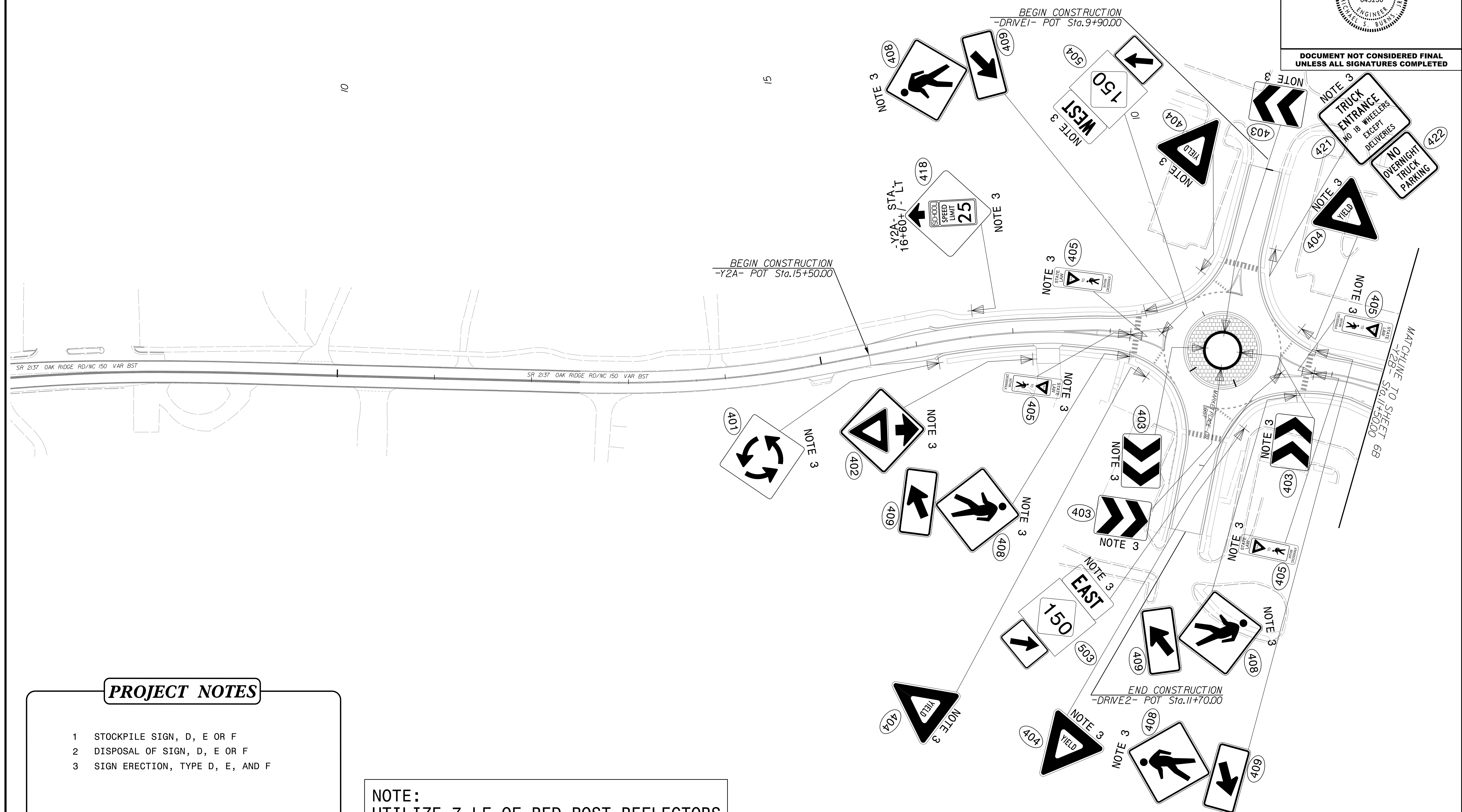
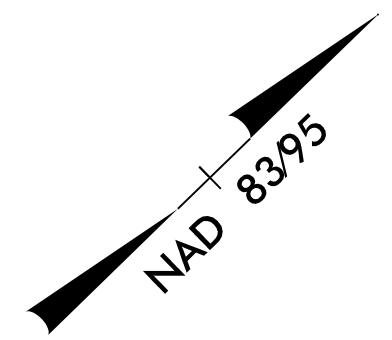


PROPOSED SIGNS

APPROVED: *Michael S. Burns, Jr.*  
D425C8CC006F437  
 DATE: 5/3/2023



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED



- PROJECT NOTES**
- 1 STOCKPILE SIGN, D, E OR F
  - 2 DISPOSAL OF SIGN, D, E OR F
  - 3 SIGN ERECTION, TYPE D, E, AND F

NOTE:  
 UTILIZE 7 LF OF RED POST REFLECTORS  
 ON EACH YIELD SIGN POST.



**PROPOSED SIGNS**

5/3/2023  
 Signing VR5725\_Sgn\_SGN6D.dgn  
 USER:mckenzie