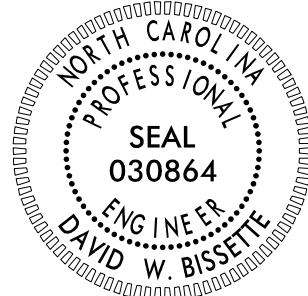


**T.I.P.: U-5743**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
RANDOLPH COUNTY**

**LOCATION: NC 42 FROM SR 2237 (EAST SALISBURY STREET) TO NORTH  
OF US 64 /NC49 (DIXIE DRIVE) IN ASHEBORO**

<small>PROJECT REFERENCE NO.</small> <b>U-5743</b>	<small>SHEET NO.</small> <b>SIGN-1</b>
<small>Signed by:</small> <i>David Bissette</i>	
<small>APPROVED:</small> _____	
<small>DATE:</small> 06-Apr-2026	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**INDEX**

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-1	TITLE SHEET, INDEX OF SHEETS, LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, GENERAL NOTES, AND SUMMARY OF QUANTITIES
SIGN-2	SIGN DESIGN SHEET
SIGN-3	TYPE "E" AND "F" SIGN DESIGNS
SIGN-4 THRU 8	SIGNING DETAIL SHEETS

**ROADWAY STANDARD DRAWING**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - CONTRACT STANDARDS AND DEVELOPMENT UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

**GENERAL NOTES**

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

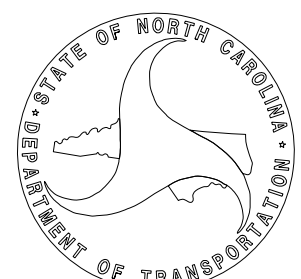
- A) SIGNS FURNISHED BY STATE (BUNN PLANT)
- B) CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- C) ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- D) IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- E) WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- F) ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- G) THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE GRADE C REFLECTIVE SHEETING.
- H) SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

**SUMMARY OF QUANTITIES**

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	463	LF.
4096000000	904	SIGN ERECTION, TYPE D	1	EA.
4102000000	904	SIGN ERECTION, TYPE E	25	EA.
4108000000	904	SIGN ERECTION, TYPE F	6	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	31	EA.
4370000000	SP	DISPOSAL OF FLASHER SYSTEM	1	L.S.

**PLAN SUBMITTED TO:**

MITCH\_EATON, PE \_\_\_\_\_ SIGNING & DELINEATION REGIONAL ENGINEER  
 STACEY\_JOHNS \_\_\_\_\_ SIGNING & DELINEATION PROJECT DESIGN ENGINEER



**PLAN PREPARED BY: MOTT MACDONALD**

**DAVID W BISSETTE, PE** PRINCIPAL PROJECT MANAGER  
**SAM COLEMAN, PE** PROJECT ENGINEER

PLANS PREPARED FOR THE NCDOT BY:

**M** MOTT MACDONALD I & E, LLC  
 1101 HAYNES STREET, SUITE 101  
 RALEIGH, NC 27604  
**M** MOTT MACDONALD NC LICENSE NO. F-0669

2/27/2025 11:45:45 AM User: jason.dgavriljuk \\nas01-dgavriljuk\user-cw.bentley.com\mott-use-pr-15\Documents\391827-2017\_Rail\_Engineering\_LSA\NCF-Server\308350\_DDC.12\_U-5743\_Signing\_and\_Delineation\Signing\Sign Design\Layout Plans\U-5743\_Sgn\_SGN\_2.dgn

SIGN NUMBER: 301 TYPE: D QUANTITY: 1 SIGN WIDTH: 5'-6" HEIGHT: 3'-0" TOTAL AREA: 16.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green / Green COPY COLOR: White <table border="1" style="width: 100%; border-collapse: collapse;"> <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>7.6</td> <td>21.2</td> <td>6</td> <td>9</td> </tr> <tr> <td>AR_Type D</td> <td>49.1</td> <td>3.6</td> <td>6</td> <td>9</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	7.6	21.2	6	9	AR_Type D	49.1	3.6	6	9																					DESIGN BY: S COLEMAN PROJECT ID: U-5743 CHECKED BY: D BISSETTE LOCATION: NC 42, ASHEBORO Nov 27, 2022 DIV: 8
SYMBOL	X	Y	WID	HT																																	
AR_Type D	7.6	21.2	6	9																																	
AR_Type D	49.1	3.6	6	9																																	

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS												Series/Size
Letter spacings are to start of next letter												Text Length
R	a	m	s	e	u	r	C	i	t	y		D 2000
25.2	4.7	4.6	6.7	3.4	4.3	4.7	2.3	10.2				30.7
S	i	l	e	r								D 2000
22.7	5	2.2	1.9	4.4	2.3	6	5.3	1.6	2.6	4.5	7.6	35.7
L	e	x	i	n	g	t	o	n				D 2000
7.9	4.3	3.8	5.3	2.2	4.4	4.3	2.8	4.6	3.5	22.9		35.2

FILENAME: U-5743 Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

TIP NO. <b>U-5743</b>	SHEET NO. <b>SIGN-2</b>
APPROVED:	
DATE: 06-Apr-2026	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
PLANS PREPARED FOR THE NCDOT BY: <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <b>M</b>                      MOTT                      MACDONALD                 </div> <div style="text-align: center;"> <b>M</b>                      MOTT MACDONALD I &amp; E, LLC                      1101 HAYNES STREET, SUITE 101                      RALEIGH, NC 27604                      NC LICENSE NO. F-0669                 </div> </div>	

SIGN DESIGN SHEET



3/5/2026  
User: dsgavr1jyuk  
User: cw.bentley.commott-use-pr-15\Documents\391827-2017\_Rail\_Engineering\_LSA\NCF-Server\308350.DOC.12 U-5743\Signing and Delineation\Signing\Layout Plans\U-5743\_Sgn\_SGN\_4.dgn

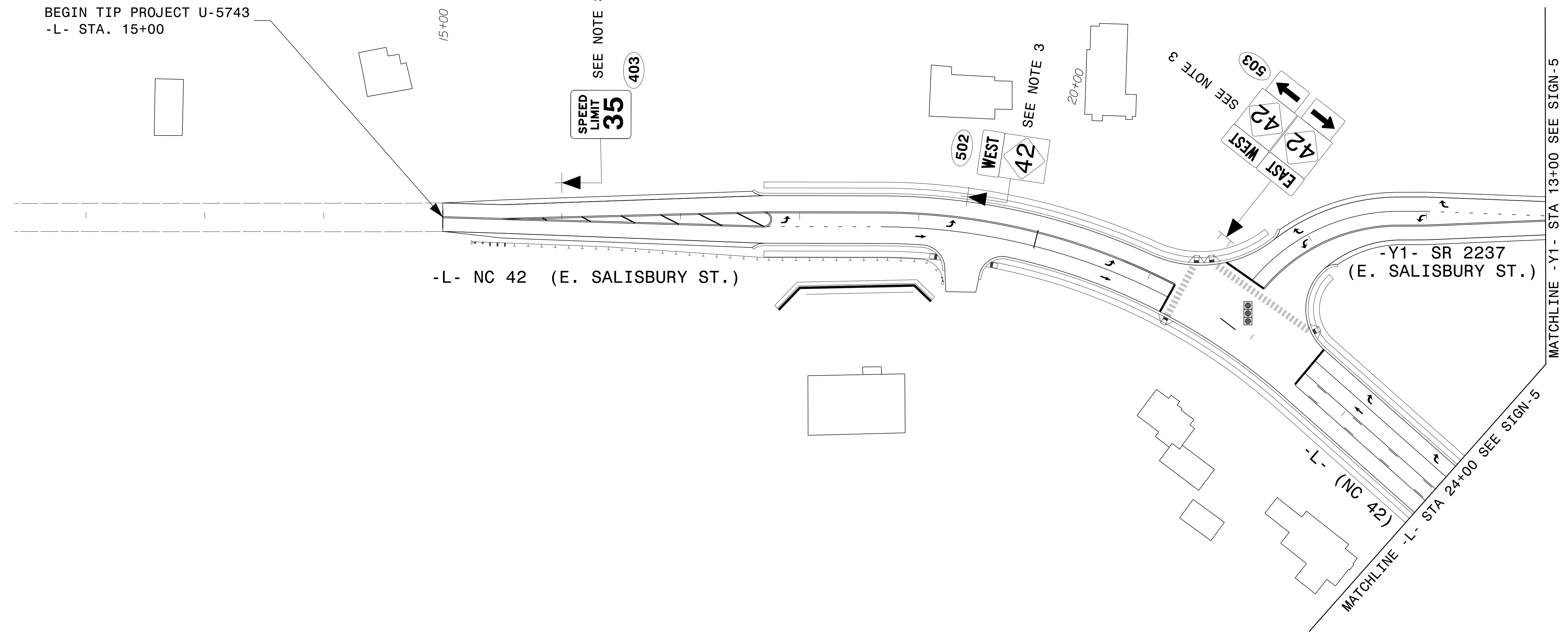


### PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF FLASHER SYSTEM
- 3 SIGN ERECTION, TYPE D, E, AND F

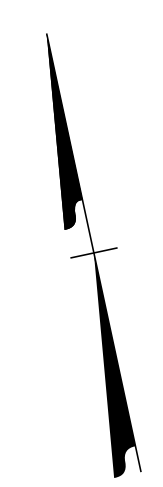
TIP NO.	SHEET NO.
U-5743	SIGN-4
APPROVED: <i>David Bisette</i>	
DATE: 06-Apr-2026	
SEAL	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
PLANS PREPARED FOR THE NCDOT BY: <b>M</b> MOTT MACDONALD I & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 NC LICENSE NO. F-0669	

BEGIN TIP PROJECT U-5743  
-L- STA. 15+00



**PROPOSED  
SIGNING DETAIL SHEET**

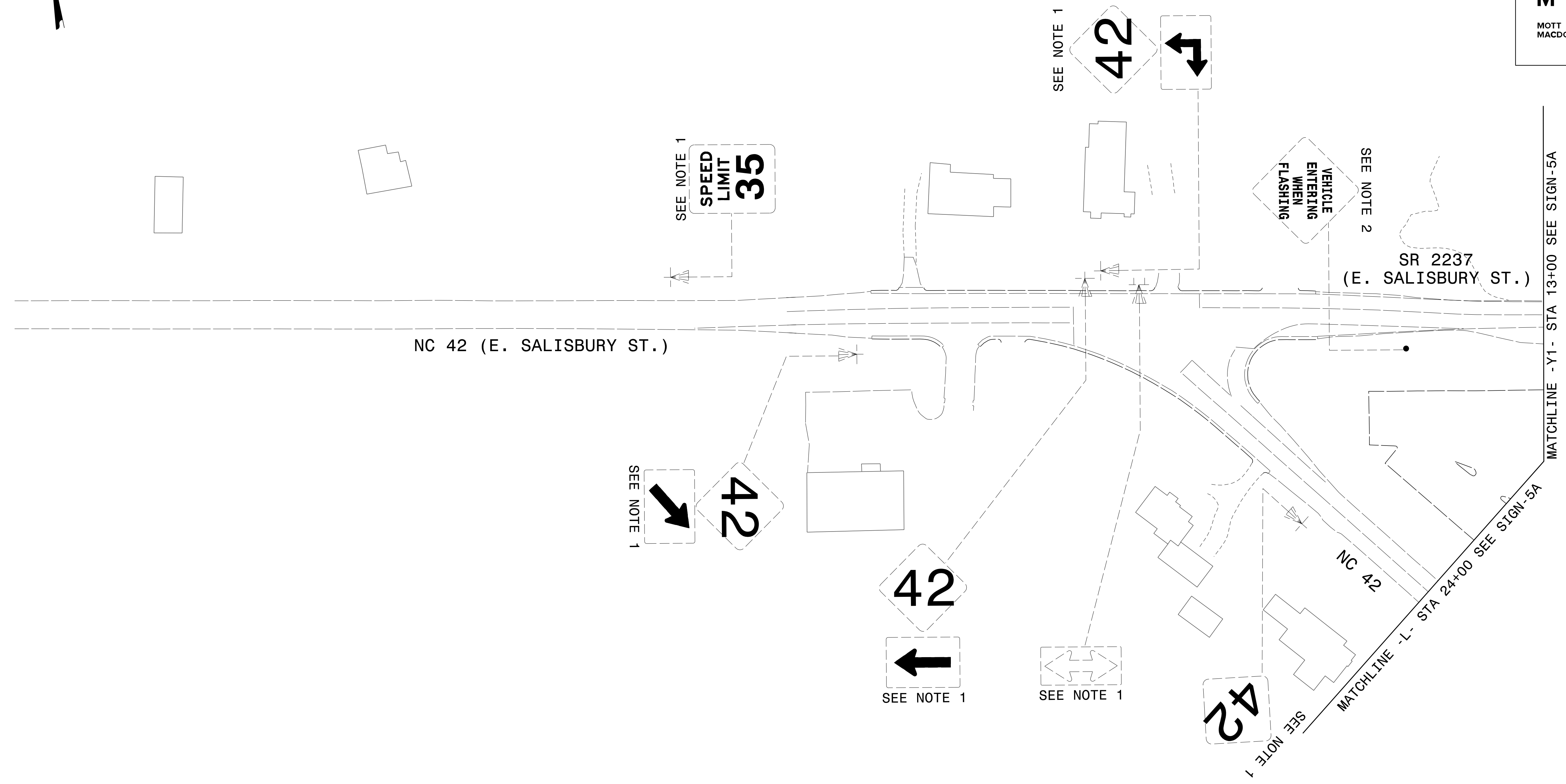
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### PROJECT NOTES

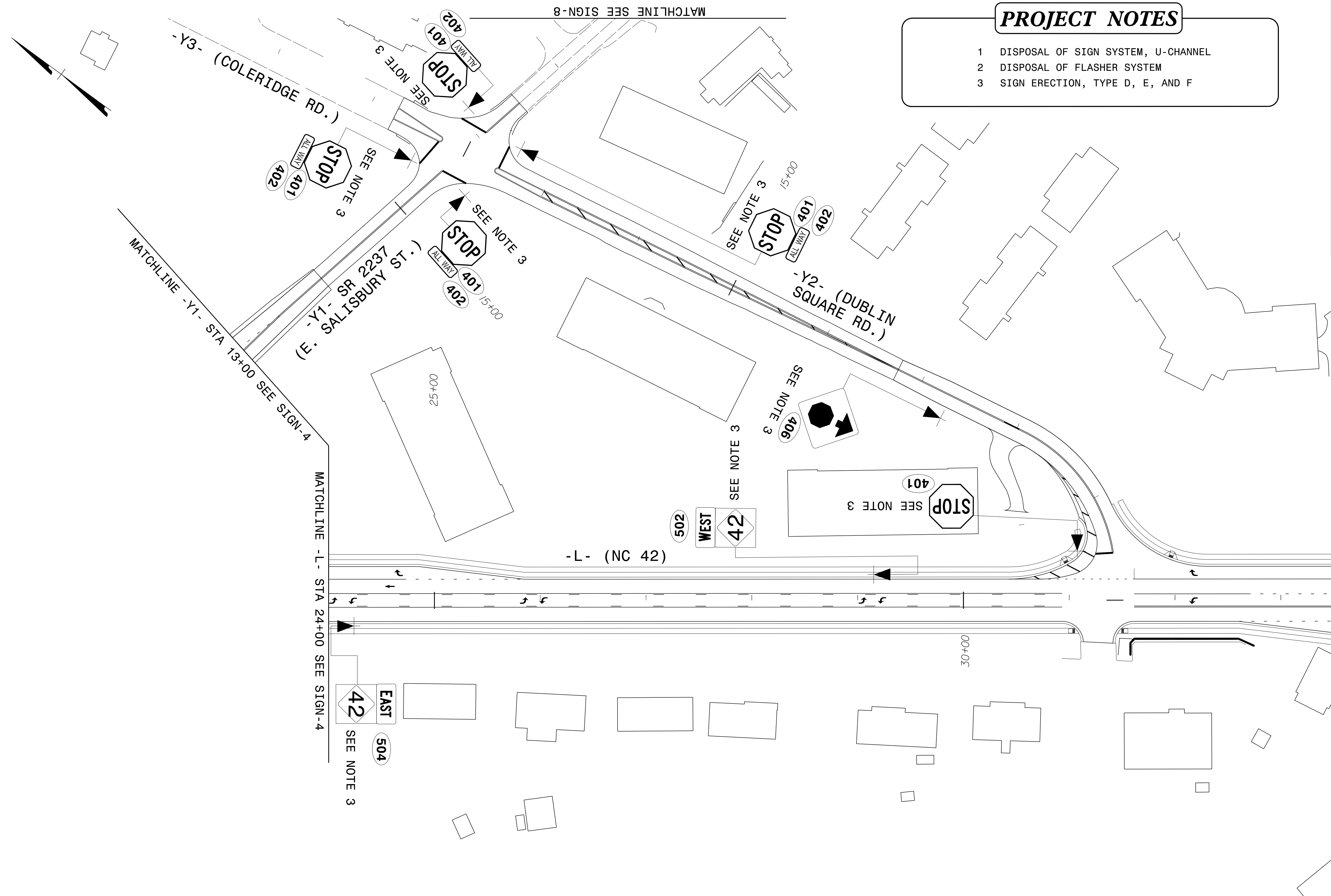
- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF FLASHER SYSTEM
- 3 SIGN ERECTION, TYPE D, E, AND F

TIP NO.	SHEET NO.
U-5743	SIGN-4A
APPROVED: <i>David Bisette</i> <small>01F504EA7684D1</small>	
DATE: 06-Apr-2026	
SEAL	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
PLANS PREPARED FOR THE NCDOT BY: <b>M</b> MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 NC LICENSE NO. F-0669	




**EXISTING  
SIGNING DETAIL SHEET**

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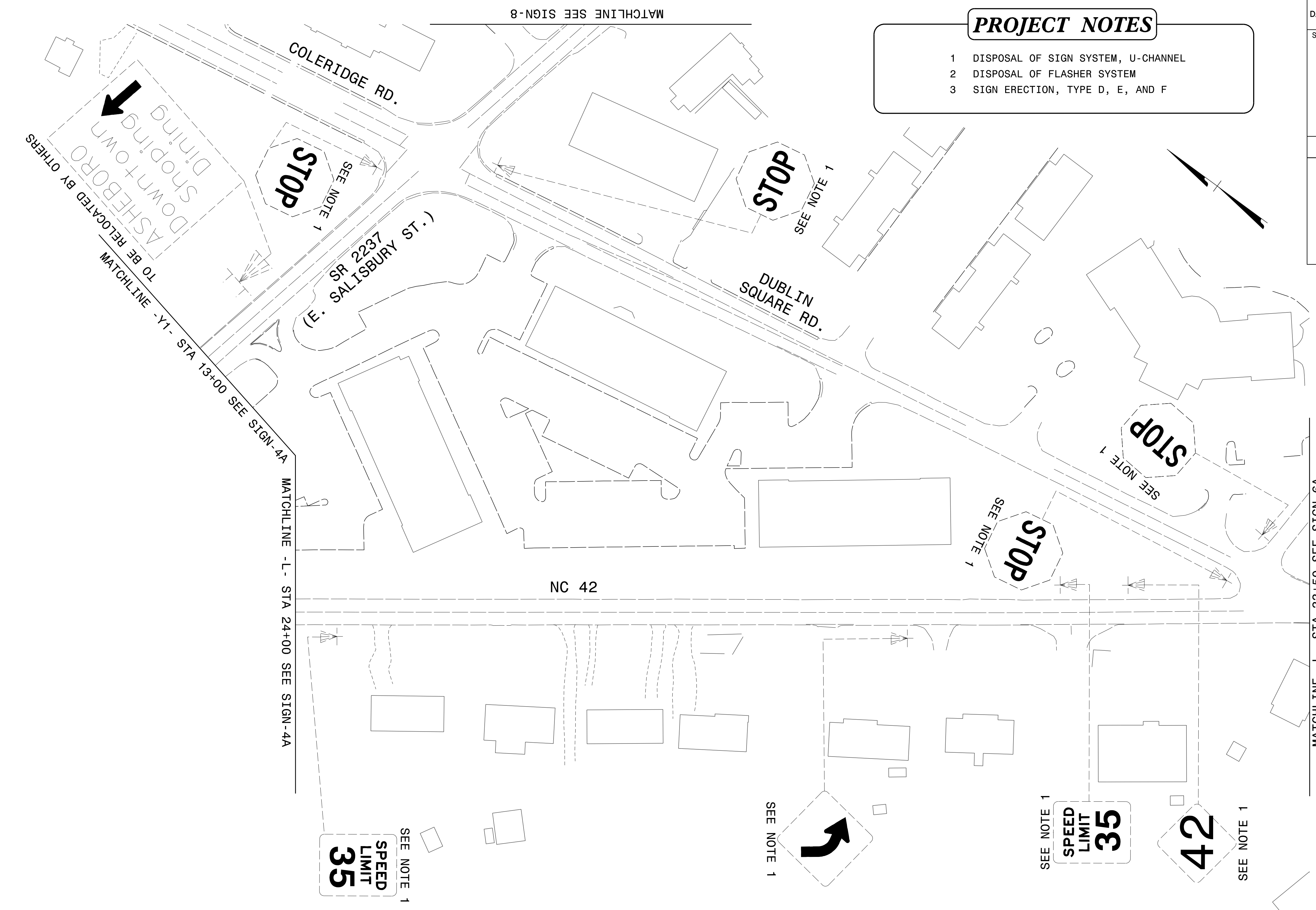
### PROJECT NOTES

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

TIP NO. <b>U-5743</b>	SHEET NO. <b>SIGN-5</b>
APPROVED: <i>David Bisette</i> <small>01F504EA7884D1</small>	
DATE: 06-Apr-2026	
SEAL 	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
PLANS PREPARED FOR THE NCDOT BY: <b>M</b> MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 NC LICENSE NO. F-0669	

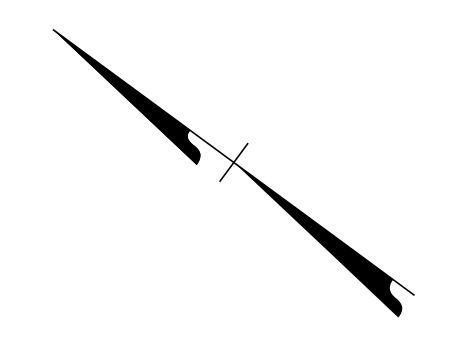
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User: dgavr1jyuk



### PROJECT NOTES

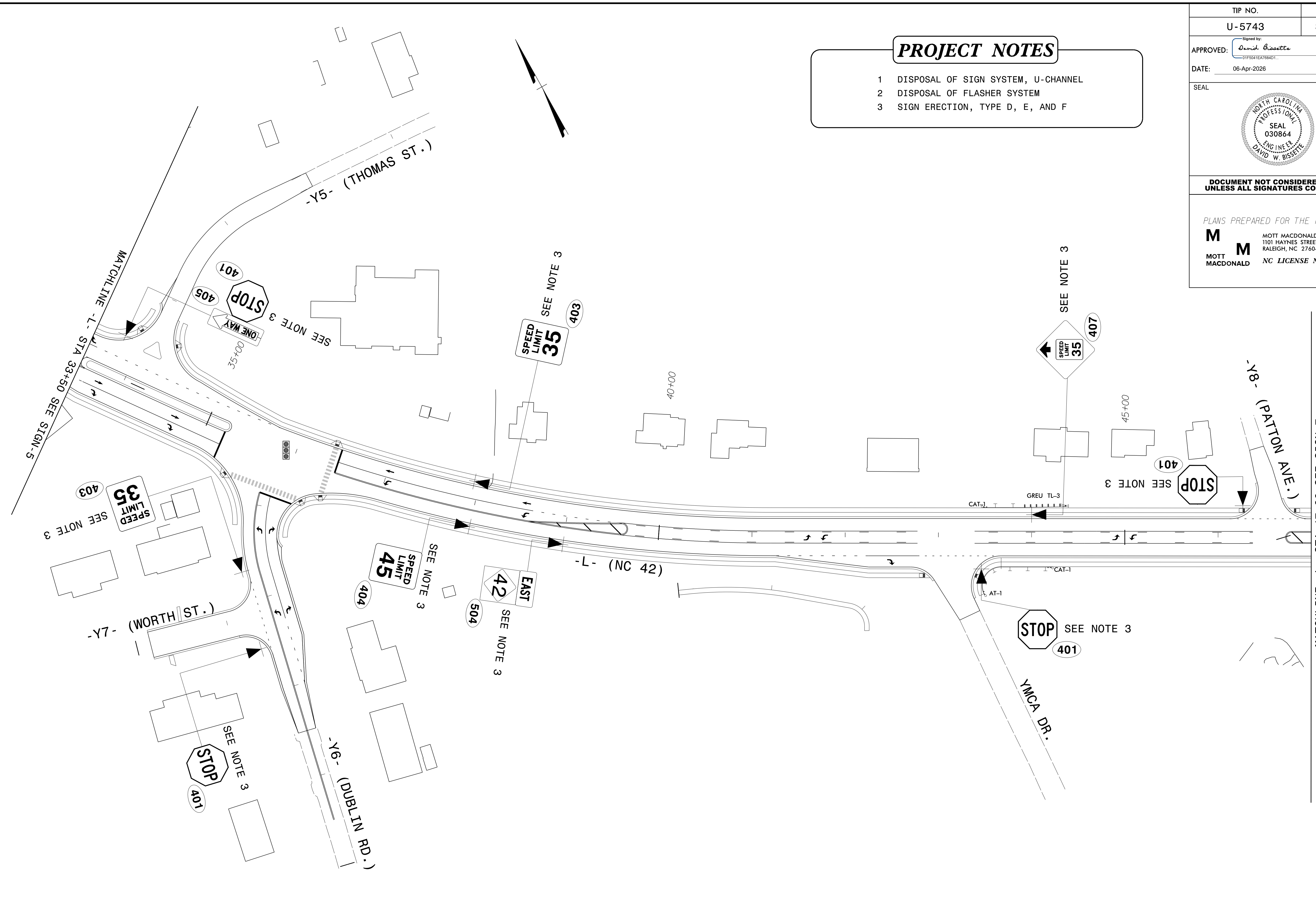
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- 3 SIGN ERECTION, TYPE D, E, AND F



TIP NO.	SHEET NO.
U-5743	SIGN-5A
APPROVED: <i>David Bisette</i>	
DATE: 06-Apr-2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
PLANS PREPARED FOR THE NCDOT BY: <b>M</b> MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 <b>M</b> MOTT MACDONALD NC LICENSE NO. F-0669	

## EXISTING SIGNING DETAIL SHEET

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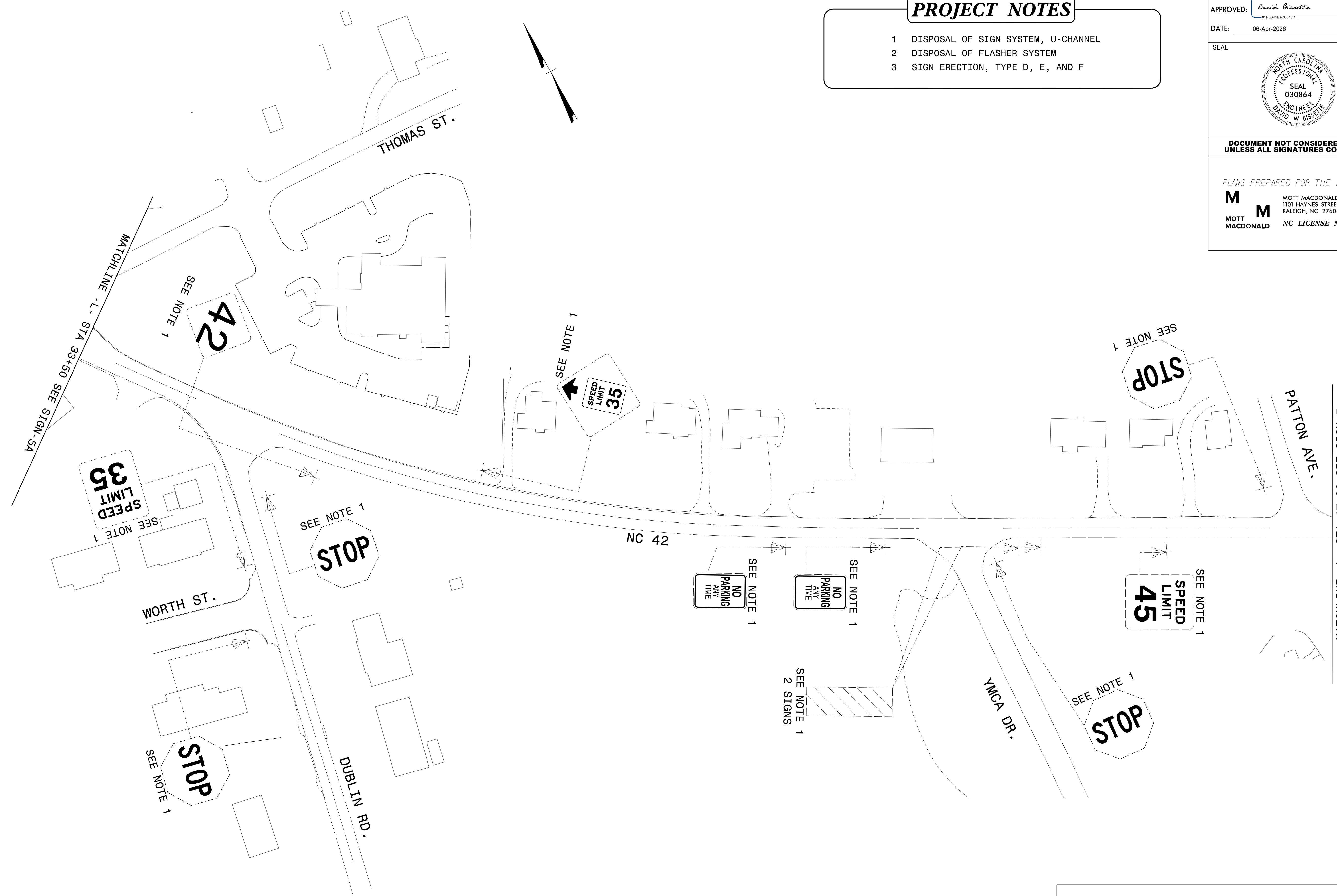
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- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF FLASHER SYSTEM
- 3 SIGN ERECTION, TYPE D, E, AND F

TIP NO.	SHEET NO.
U-5743	SIGN-6
APPROVED: <i>David Bisette</i>	
DATE: 06-Apr-2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
PLANS PREPARED FOR THE NCDOT BY: <b>M</b> MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 NC LICENSE NO. F-0669	

## PROPOSED SIGNING DETAIL SHEET

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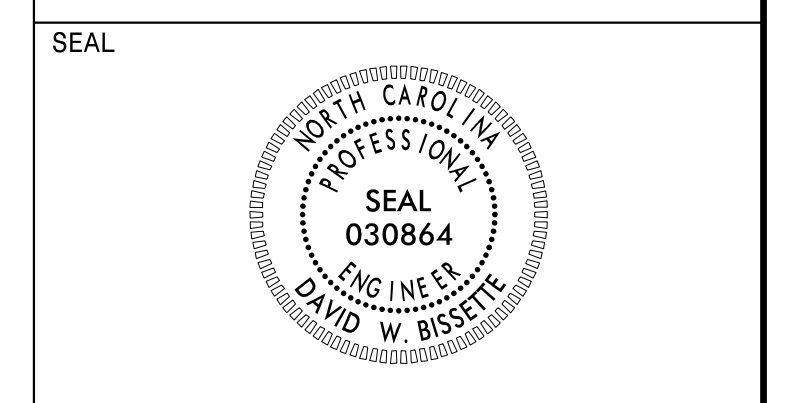


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TIP NO.	SHEET NO.
U-5743	SIGN-6A

APPROVED: *David Bisette*  
01F5041E7684D1  
 DATE: 06-Apr-2026



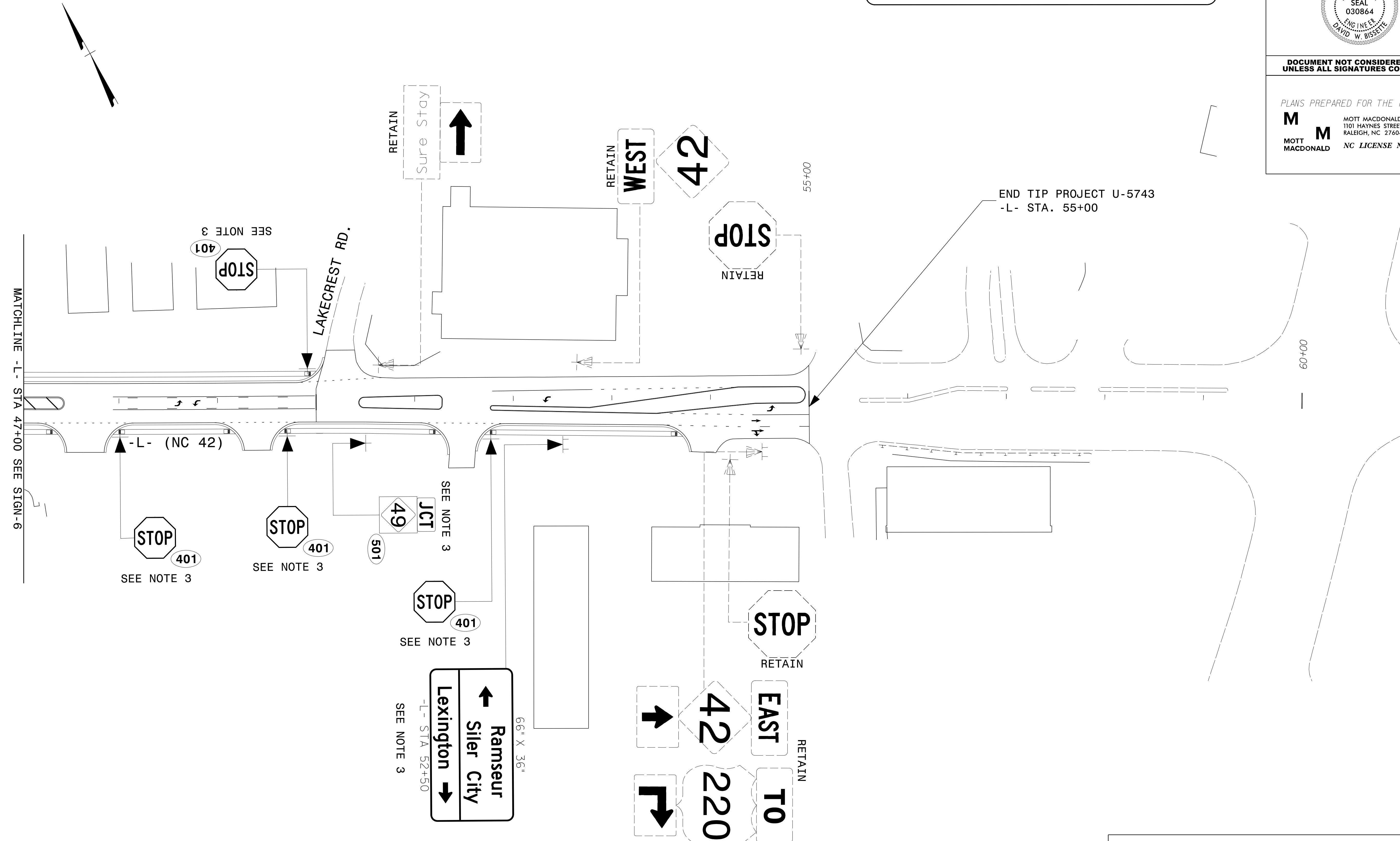
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

PLANS PREPARED FOR THE NCDOT BY:

<b>M</b>	MOTT MACDONALD I & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604
<b>M</b>	MOTT MACDONALD NC LICENSE NO. F-0669

**EXISTING  
SIGNING DETAIL SHEET**

2/27/2026 use-cw.bentley.commott-use-pr-15\Documents\391827-2017\_Rail\_Engineering\_LSA\NCF-Server\308350.DOC.12 U-5743\Signing and Delineation\Signing Layout Plans\U-5743\_Sgn\_SGN\_7.dgn  
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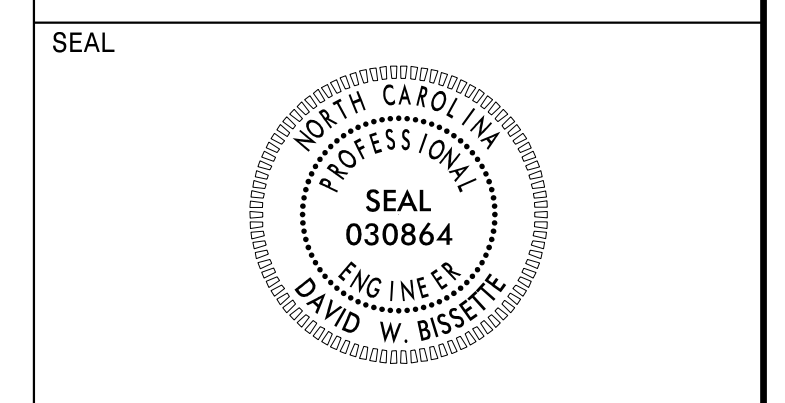


### PROJECT NOTES

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

TIP NO.	SHEET NO.
U-5743	SIGN-7

APPROVED: *David Bisette*  
01F5041E7684D1  
 DATE: 06-Apr-2026



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UNLESS ALL SIGNATURES COMPLETED**

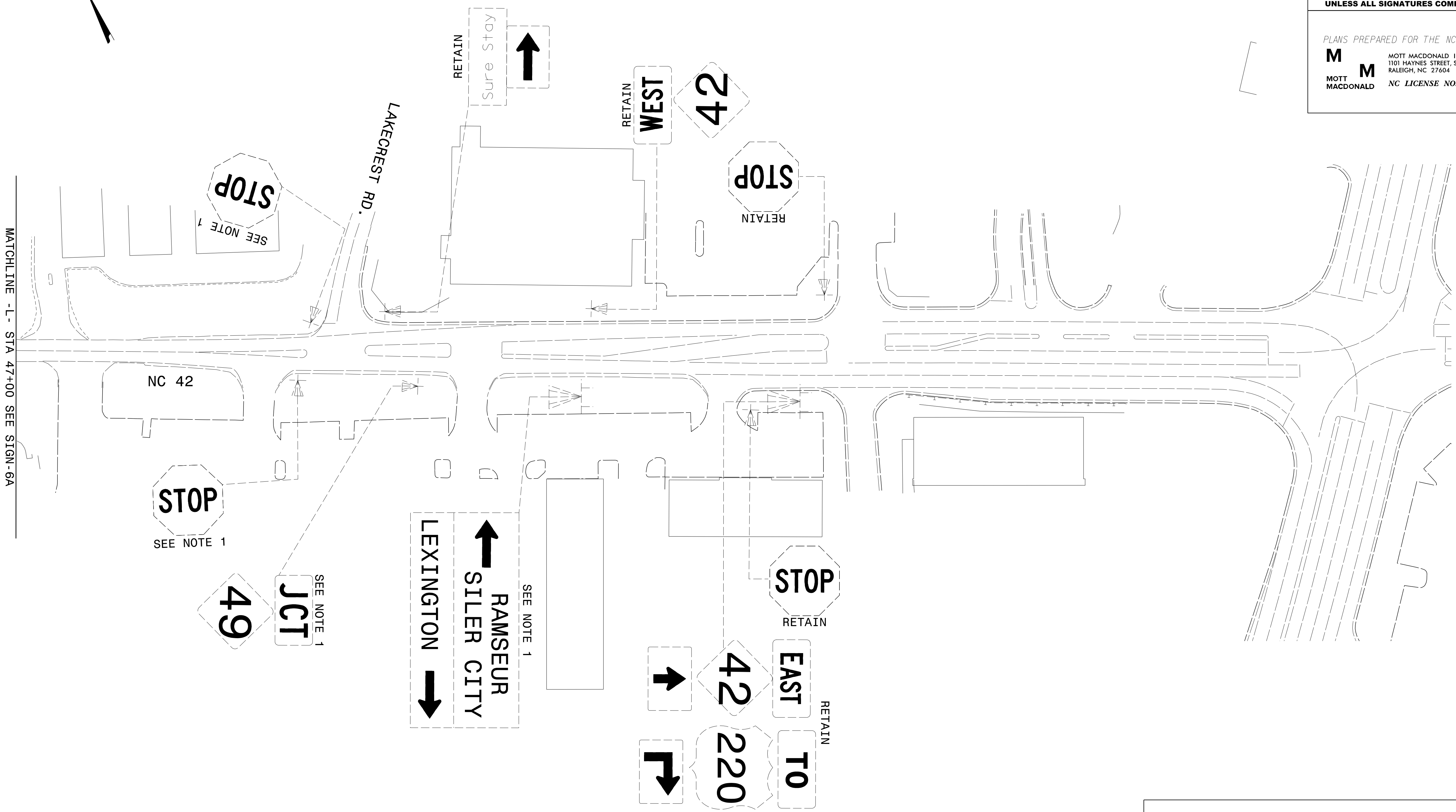
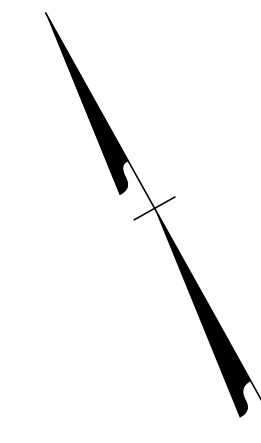
PLANS PREPARED FOR THE NCDOT BY:  
**M** MOTT MACDONALD 1 & E, LLC  
 1101 HAYNES STREET, SUITE 101  
 RALEIGH, NC 27604  
**M** MOTT MACDONALD NC LICENSE NO. F-0669

END TIP PROJECT U-5743  
 -L- STA. 55+00

## PROPOSED SIGNING DETAIL SHEET

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MATCHLINE - L - STA 47+00 SEE SIGN-6A

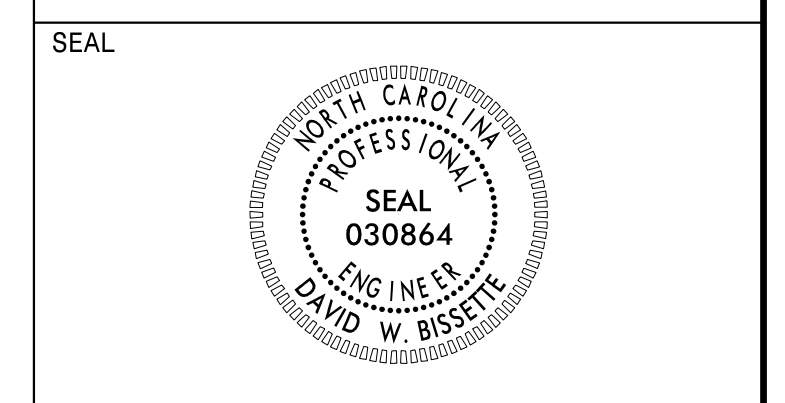


### PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF FLASHER SYSTEM
- 3 SIGN ERECTION, TYPE D, E, AND F

TIP NO.	SHEET NO.
U-5743	SIGN-7A

APPROVED: *David Bisette*  
01F5041EA7884D1...  
 DATE: 06-Apr-2026



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED FOR THE NCDOT BY:

<b>M</b>	MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604
<b>M</b>	MOTT MACDONALD NC LICENSE NO. F-0669

### EXISTING SIGNING DETAIL SHEET

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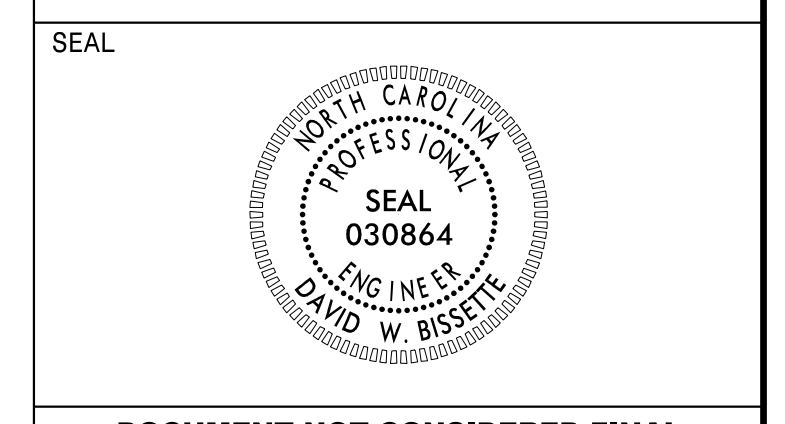
### PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF FLASHER SYSTEM
- 3 SIGN ERECTION, TYPE D, E, AND F

TIP NO.	SHEET NO.
U-5743	SIGN-8

APPROVED: *David Bisette*  
01F504E7A7884D1

DATE: 06-Apr-2026

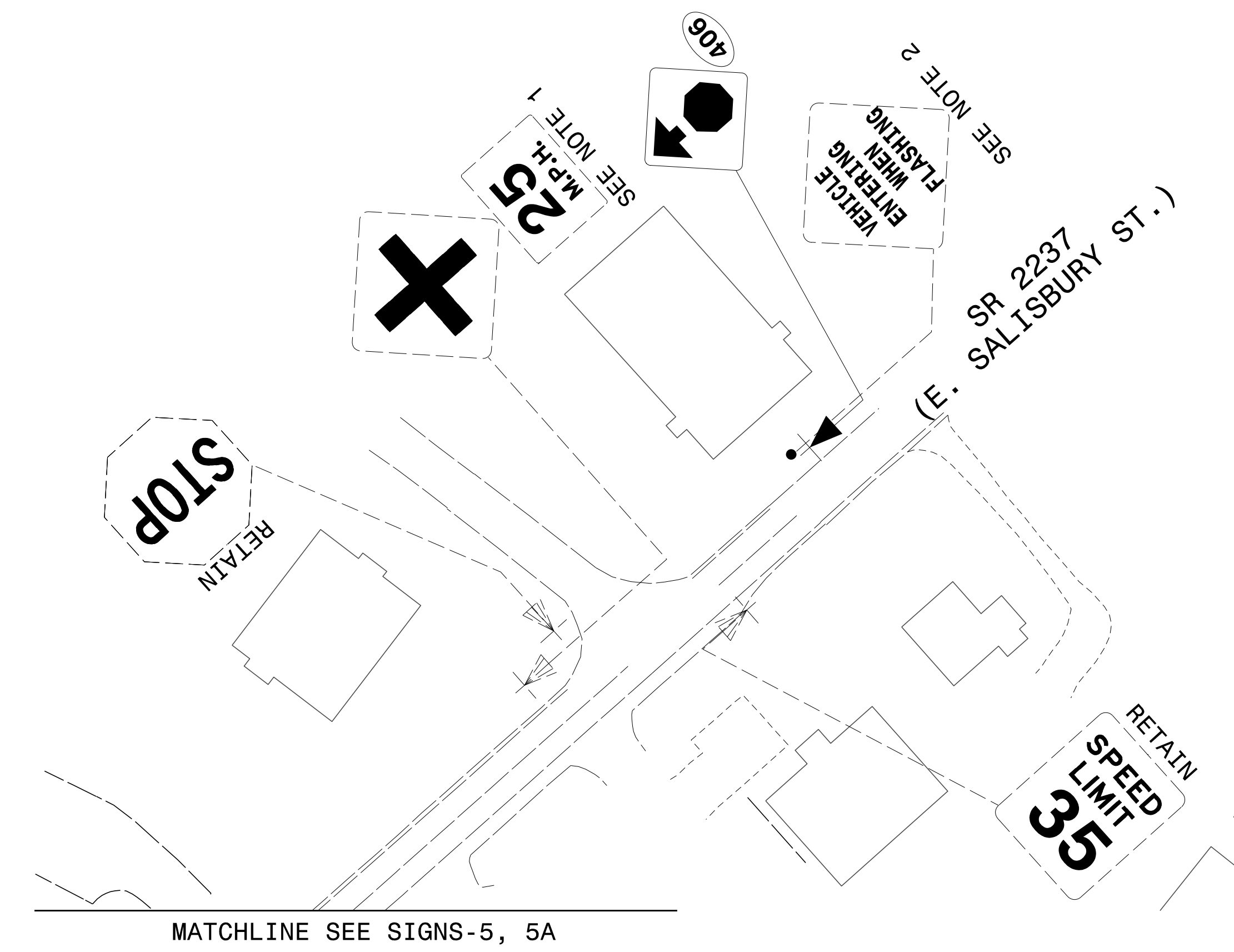
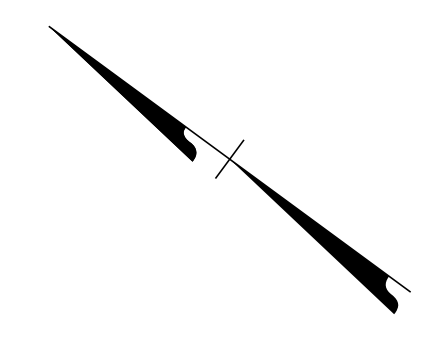


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**M** MOTT MACDONALD I & E, LLC  
 1101 HAYNES STREET, SUITE 101  
 RALEIGH, NC 27604

**M** MOTT MACDONALD  
 NC LICENSE NO. F-0669



## EXISTING & PROPOSED SIGNING DETAIL SHEET