

5:22:05 PM 7/16/2016 16:05:05 NCDOT\_B5783\_US29-70\DESIGN\B5783\Traffic\Signing\CADD\Signing\_Layout\Plans\Plan\_Sheets\B5783\_SGN\_TSH.dgn USER: zandrews

**T.I.P.: B-5783**

**CONTRACT: C204815**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
DAVIDSON COUNTY**

**LOCATION: BRIDGE NO.164 AND NO.168 ON US 29  
OVER NORFOLK SOUTHERN RAILROAD**

TIP NO. <b>B-5783</b>	SHEET NO. <b>SIGN-1</b>
APPROVED: <small>DocuSigned by: Zach Andrews C0D0949922FAFE</small>	
DATE: 04/12/2023	
<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:

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

**GENERAL NOTES**

- SIGNS FURNISHED BY STATE (BUNN SIGN PLANT)
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- 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.
- DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

**SUMMARY OF QUANTITIES**


ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4048000000	902	4	C.Y.
4054000000	902	1	C.Y.
4060000000	903	2407	LB.
4066000000	903	2127	LB.
4072000000	903	226	L.F.
4096000000	904	2	EA.
4102000000	904	15	EA.
4108000000	904	1	EA.
4110000000	904	9	EA.
4110000000	904	1	EA.
4152000000	907	4	EA.
4155000000	907	19	EA.
4236000000	907	4	EA.


**INDEX**

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	REVISED ROADWAY STANDARD DRAWING
SIGN-2	SUPPORT INFORMATION
SIGN-3-3E	SIGN DESIGNS, TYPE E AND F SIGNS
SIGN-4-7	SIGNING PLAN SHEETS

<b>PLAN SUBMITTED TO:</b>	
<b>KELVIN JORDAN, REGIONAL ENGINEER, DIVISIONS 7, 9-14</b>	
<b>JON ROBERT NAVARRETE, DESIGN ENGINEER, DIVISIONS 7, 9-14</b>	

<b>PLAN PREPARED BY: DAVENPORT</b>	 <b>DAVENPORT</b> <small>119 BROOKSTOWN AVENUE, SUITE PH1 WINSTON-SALEM, NC 27101 336.744.1636 www.davenportworld.com NCBELS FIRM LICENSE NO. C-2522</small>
<b>ZACHERY P. ANDREWS, P.E.</b> PROJECT ENGINEER	
<b>PHILLIP J. PEEK, E.I.</b> PROJECT DESIGN ENGINEER	

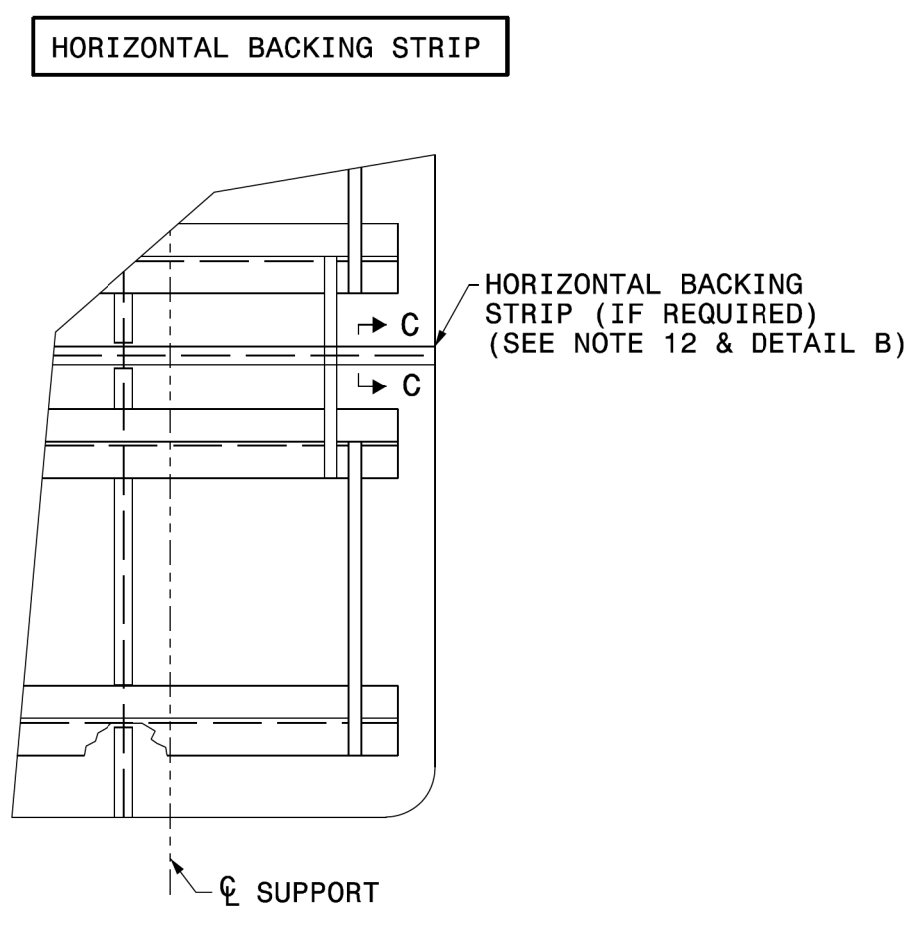
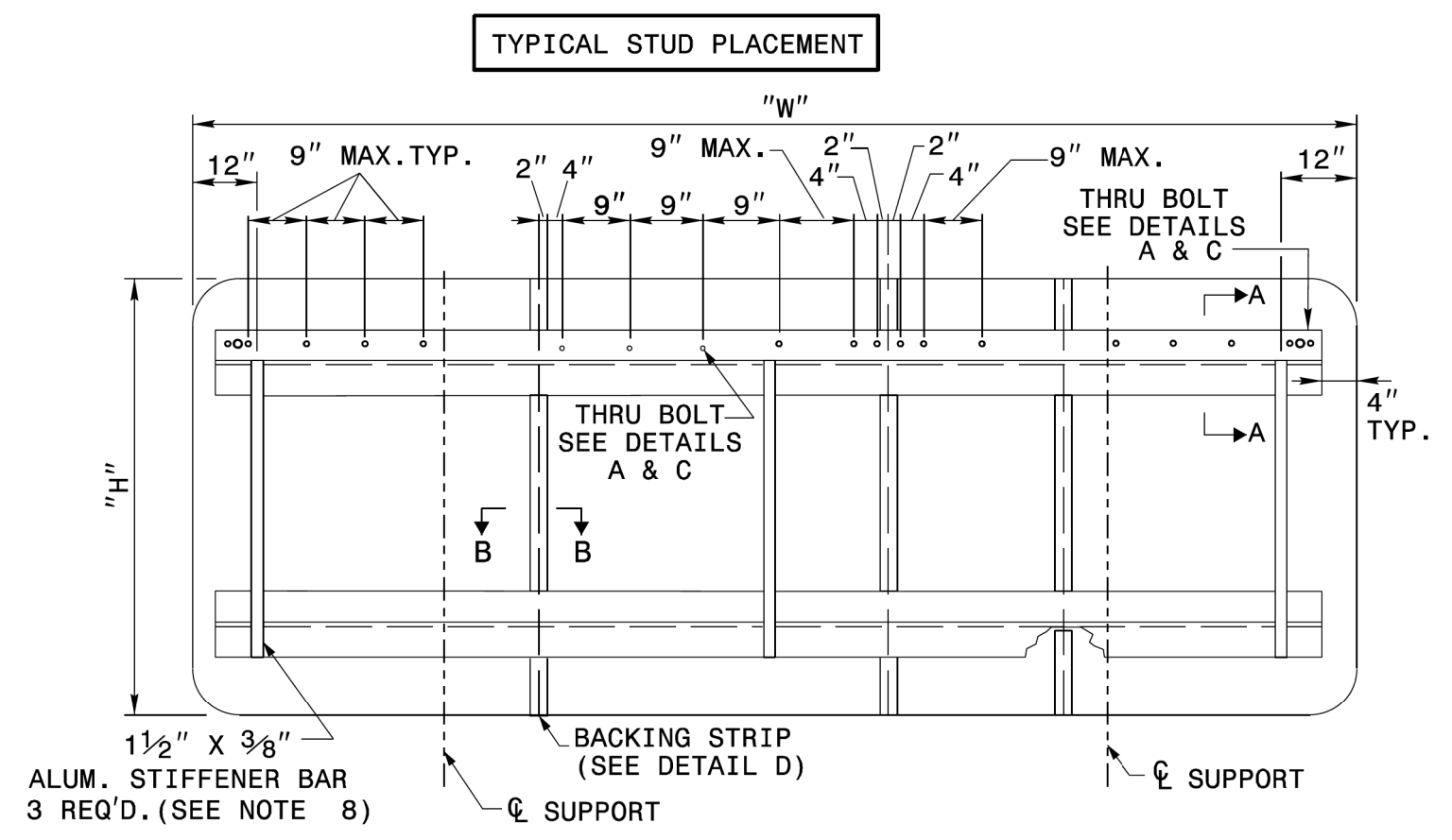
TIP NO. B-5783	SHEET NO. SIGN-1A
APPROVED: <i>Jack Andrews</i> CRO0949632C/CAFE...	
DATE: 04/12/2023	
SEAL	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

TIP NO.	SHEET NO.
DocuSigned by: <i>Matthew V. Springer</i>	
APPROVED: 3/21/2019 BC60F6E8B584403...	
DATE:	
SEAL	
	

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

2-19  
ENGLISH DETAIL DRAWING FOR  
TYPE 'A' SIGNS  
WELDED STUD CONSTRUCTION

SHEET 1 OF 2  
**901D10**



- NOTES:
1. USE THE NUMBER AND SIZE OF SUPPORTS SHOWN ON THE SUPPORT CHART IN PROJECT PLANS.
  2. FABRICATE SIGN PANEL SECTIONS WITH SHEETS 4'-0" WIDE. WHEN FABRICATING SIGNS WHICH ARE NOT MULTIPLES OF 4'-0" IN WIDTH, DO NOT CUT MORE THAN TWO SHEETS TO LESS THAN 4'-0" IN WIDTH. THESE PANELS SHALL NOT BE LESS THAN 1'-0" IN WIDTH.
  3. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, FOR TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES, AND SUPPORTS.
  4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
  5. SEE ROADWAY STANDARD 904.20 WHEN TYPE "B" SECONDARY SIGN MOUNTING IS REQUIRED.
  6. DETAILS FOR TYPE "A" SECONDARY SIGNS SHALL BE THE SAME AS FOR TYPE "A" SIGNS.
  7. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
  8. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
  9. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
  10. FABRICATE SIGNS TALLER THAN 12'-0" AS TWO SEPARATE SIGNS WITH A HORIZONTAL SPLICE. LOCATE STRINGERS ON EACH SECTION OF THE SIGN BY THE SIGN STRINGER CHART. (SEE ROADWAY STANDARD 901.70)
  11. FABRICATE SIGNS TALLER THAN 12'-0" BUT SHORTER THAN 14'-6" WITH A HORIZONTAL SPLICE LOCATED 7'-0" FROM BOTTOM OF SIGN.
  12. FABRICATE SIGNS 14'-6" TALL AND TALLER WITH A HORIZONTAL SPLICE. LOCATE THE SPLICE AT LEAST HALF OF THE SIGN HEIGHT FROM THE BOTTOM AND AT LEAST 7'-0" FROM THE TOP.
  13. THERE SHALL ONLY BE A 1/8" GAP BETWEEN THE VERTICAL BACKING STRIP AND THE "Z" BAR.
  14. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
  15. PLACE NYLON WASHER UNDER HEAD OF 3/8" THRU BOLTS.
  16. FABRICATE EACH SIGN WITH 3/8" DIA. THRU BOLT, 4" FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR. SEE DETAILS A & C.
  17. FABRICATE EACH SIGN WITH 3/8" DIA. THRU BOLT CENTERED IN EACH PANEL THRU THE TOP AND BOTTOM "Z" BAR. CENTERED THRU BOLT REQUIRED IN END PANELS GREATER THAN 2'-0" WIDE. SEE DETAILS A & C.
  18. THRU BOLTS WILL HAVE A MINIMUM 1/16" TO MAXIMUM 1/8" GAP

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

2-19  
ENGLISH DETAIL DRAWING FOR  
TYPE 'A' SIGNS  
WELDED STUD CONSTRUCTION

SHEET 1 OF 2  
**901D10**

**REVISED SIGNING  
ROADWAY STANDARD DRAWING**

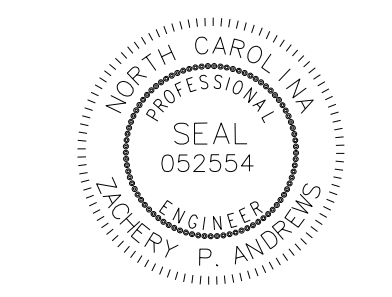

**DAVENPORT**  
119 BROOKSTOWN AVE., SUITE PH-1  
WINSTON-SALEM, NC 27011  
336-744-1818 www.davenport.com  
NCBELS FIRM LICENSE NO. C-2522

**REVISED NCDOT STANDARD  
DRAWING - TYPE "A" SIGNS**

5:22:14 PM 7/17/2016 160905.NCDDT..B5783\_US29-70\DESIGN\B5783\_Traffic\Signing\CADD\Signing\_Layout\Plans\Plan\_Sheets\B5783\_SGN-1A.dgn  
USER: zandrews

03/20/19 6:45:00 AM Standards and Drawings Drawings\208 Standard Dwg\Division 9 Final\09010\_sgn\_sht01\_type a\_sgn\_2-19.dgn  
USER: zandrews



TIP NO. B-5783	SHEET NO. SIGN-2
APPROVED: <i>Jack Andrews</i> <small>CR00049632C/CAFE...</small>	
DATE: 04/12/2023	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

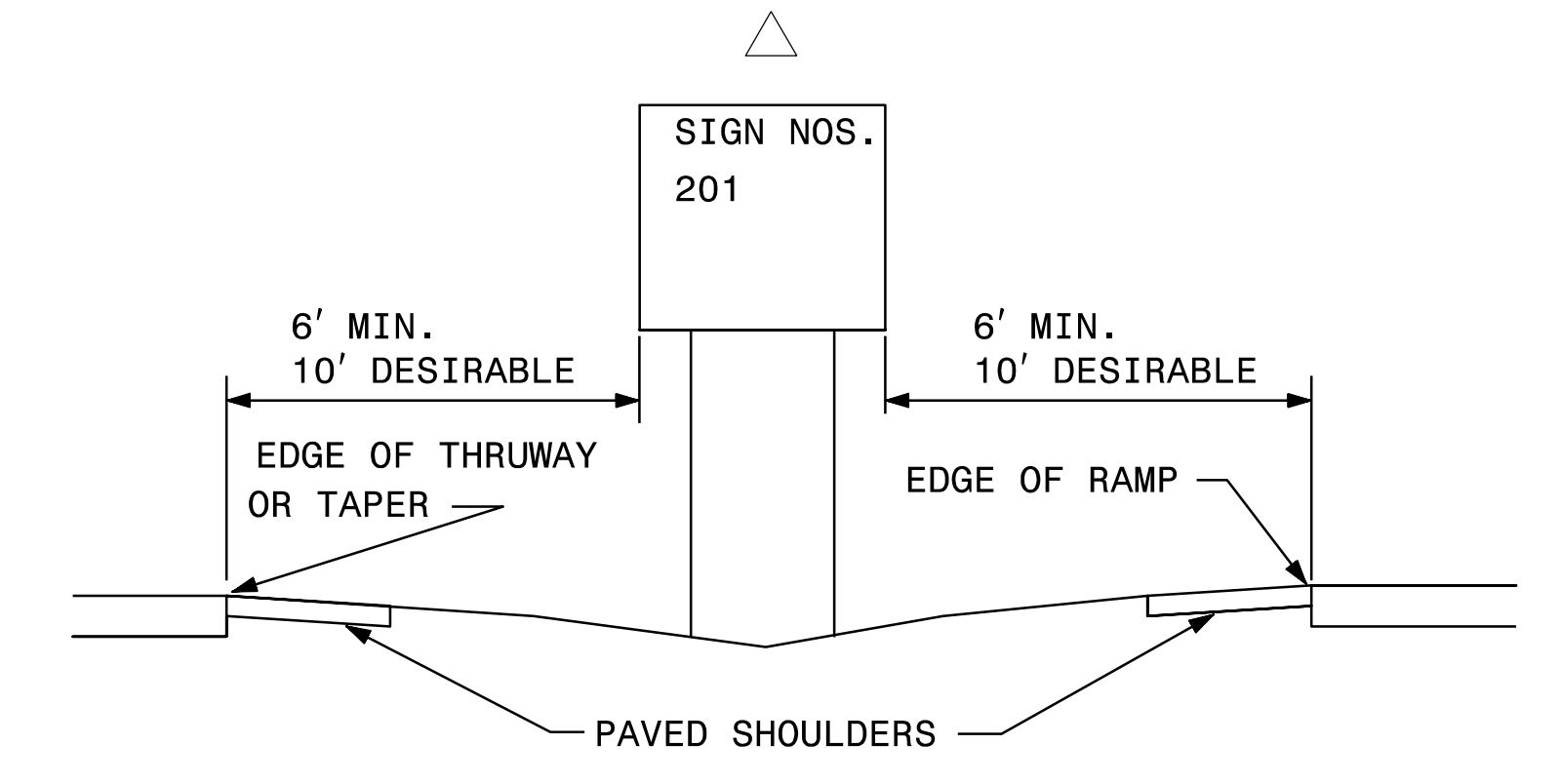
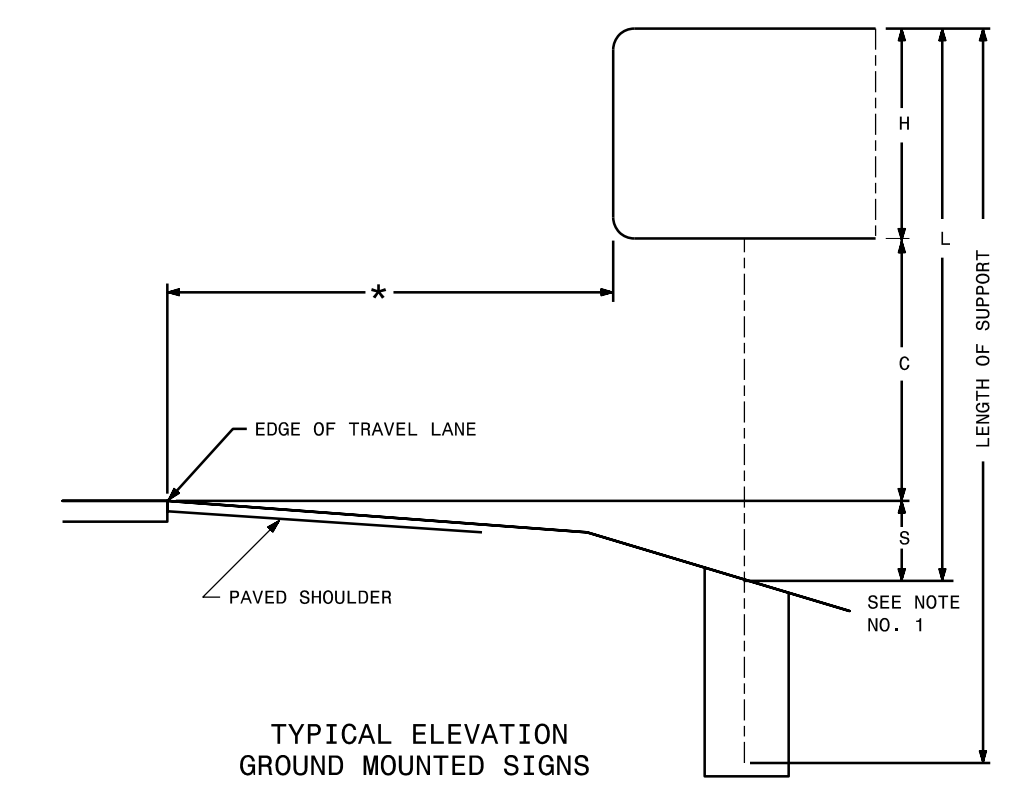
## STEEL SUPPORT CHART:

Version: 3.1 Posted: 6/2/2017

NUMBER	TYPE	SIGN SIZE (in.)			ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
		w	x	h										SNS HT "H"	MTG HT "C"	EMBED-MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)	
101	A	288	x	72	-NBL- 16+71	3	W6x16	BA	N/A	N/A	N/A	30.00	8.52	6.00	7.00	3.5	5.53	18.53	22.03	4.74	17.74	21.24	4.44	17.44	20.94	1168.36	0	1.5	4	0.79	0.00	_____
102	A	210	x	144	-SBL- 25+11	2	W10x26	S	N/A	N/A	N/A	16.00	10.26	24.00	7.00	4.5	3.86	34.86	39.36	0.00	0.00	0.00	6.94	37.94	42.44	0.00	2126.8	2.5	5	1.82	0.00	_____
103	A	192	x	120	-NBL- 26+60	2	W8x18	BA	N/A	N/A	N/A	30.00	9.38	10.00	5.00	4.0	5.34	20.34	24.34	0.00	0.00	0.00	6.48	21.48	25.48	1036.76	0	2.0	4.5	1.05	0.00	_____
201	A	72	x	60	-NBL- 32+15	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.52	5.00	7.00	2.5	0.00	12.00	14.50	0.00	0.00	0.00	0.00	12.00	14.50	201.30	0	1.0	3	0.00	0.17	_____
															TOTAL			TOTAL			TOTAL				TOTAL							
															2406.42			2126.80			3.65				0.17							
															USE: 2407.00			2127.00			4.00				1.00							

### NOTES

- DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.
- FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (\*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (\*) ARTICLE 1072-1. (\*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES
- PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.



5:22:31 PM  
 7/1/2016 1:00:05 PM  
 USER: zandrews  
 5:22:31 PM  
 7/1/2016 1:00:05 PM  
 USER: zandrews


**DAVENPORT**  
 119 BROOKSTOWN AVE, SUITE PH-1  
 WINSTON-SALEM, NC 2701  
 336-744-1636 www.davenport.com  
 NCELS FIRM LICENSE NO. C-2522

**TYPE "A"**  
**GROUND MOUNTED SIGNS**

APPROVED: *Jack Andrews*  
CD00949632C4FE...  
 DATE: 04/12/2023



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

SIGN NUMBER: 101 TYPE: A QUANTITY: 1 SIGN WIDTH: 24'-0" HEIGHT: 6'-0" TOTAL AREA: 144.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" NO. Z BARS: 2 LENGTH: 280 MAT'L: 0.125" (3.2 mm) ALUMINUM	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: PJP PROJECT ID: B-5783 CHECKED BY: JLE LOCATION: US 29 Nov 23, 2022 DIV: 09
--	---	---

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter													Series/Size							
													Text Length							
19.6	18.2	8.2	10.6	16	15.7	15.5	15.8	22.6	15.2	13.7	17.0	9.6	9.6	8.2	10.6	16	15.8	10.6	19.6	EM 2000
													248.9							
105.3	10.7	8.9	9.8	7.5	10	8.9	10.7	3.5	7.5	105.3				E 2000						
													77.5							

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 102 TYPE: A QUANTITY: 1 SIGN WIDTH: 17'-6" HEIGHT: 12'-0" TOTAL AREA: 210.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" NO. Z BARS: 3 LENGTH: 202 MAT'L: 0.125" (3.2 mm) ALUMINUM	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: PJP PROJECT ID: B-5783 CHECKED BY: JLE LOCATION: US 29 Nov 23, 2022 DIV: 09
---	---	---

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter													Series/Size	
													Text Length	
19.6	17.0	15.4	13.4	8.2	15.8	15.5	17.0	3.2	16	16.6	19.2	13.6	19.6	EM 2000
													170.9	
28.3	15.7	15.5	15.8	22.6	15.2	13.8	17.0	9.6	9.6	8.2	10.6	28.3	EM 2000	
													153.4	
50.7	8.9	10.7	3.5	7.5	10	25	10	12	4.4	9.2	7.5	50.7	E 2000	
													108.7	

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 103 TYPE: A QUANTITY: 1 SIGN WIDTH: 16'-0" HEIGHT: 10'-0" TOTAL AREA: 160.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 184 MAT'L: 0.125" (3.2 mm) ALUMINUM	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: PJP PROJECT ID: B-5783 CHECKED BY: JLE LOCATION: US 29 Nov 23, 2022 DIV: 09
--	---	---

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter													Series/Size
													Text Length
28.8	18.4	8.2	17.0	10.5	16	15.4	15.8	9.6	15.2	8.3	28.8	EM 2000	
													134.4
19.3	15.7	15.5	15.8	22.6	15.2	13.7	17.0	9.6	9.6	8.2	10.6	19.3	EM 2000
													153.5

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 201 TYPE: A QUANTITY: 1 SIGN WIDTH: 6'-0" HEIGHT: 5'-0" TOTAL AREA: 30.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 6" NO. Z BARS: 2 LENGTH: 64 MAT'L: 0.125" (3.2 mm) ALUMINUM	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: PJP PROJECT ID: B-5783 CHECKED BY: JLE LOCATION: US 29 Nov 23, 2022 DIV: 09
---	---	---

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter						Series/Size
						Text Length
17.7	10.7	12.8	4.2	9	17.7	E 2000
						36.7

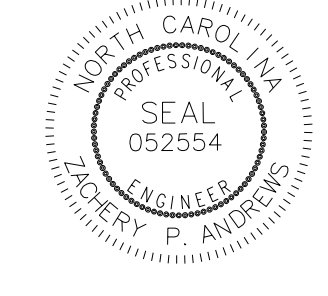
NORTH CAROLINA D.O.T. SIGN DETAIL

5:22:41 PM  
 Z:\2016\160905\_NCDOT\_B5783\_US29-70\DESIGN\B5783\_Traffic\Signing\CADD\Signing\_Layout\Plans\Sign\_SGN-03.dgn  
 USER: zandrews

APPROVED: *Jack Andrews*  
DocuSigned by:  
 JACK ANDREWS  
 C8D0949632FC4FE...

DATE: 04/12/2023

SEAL



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

SIGN NUMBER: 301 TYPE: D QUANTITY: 1 SIGN WIDTH: 6'-0" HEIGHT: 4'-0" TOTAL AREA: 24.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADII: 6" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White SYMBOL	DESIGN BY: PJP PROJECT ID: B-5783	CHECKED BY: JLE LOCATION: US 29	Nov 23, 2022 DIV: 09
---	---	--------------------------------------	------------------------------------	-------------------------

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size Text Length
23.2	3.1	2.4	2.3	2.6	2.8	3.1	1.9	3	2.3	2.1	23.2		D 2000
													25.6
11.2	4.9	5.5	5.5	2.4	5.0	5.0	5.6	4.1	6	5.3	5.1	1.1	11.3
													55.5
28.2	2.3	2.1	2.7	2.7	1.2	2.7	2.0	28.1					D 2000
													15.7
10.0	4.6	6.0	5.5	5.3	5.6	4.6	5.0	4.1	6	5.0	5.1	1.1	10.1
													D 2000
													57.9

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302 TYPE: D QUANTITY: 1 SIGN WIDTH: 6'-0" HEIGHT: 4'-0" TOTAL AREA: 24.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADII: 6" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White SYMBOL	DESIGN BY: PJP PROJECT ID: B-5783	CHECKED BY: JLE LOCATION: US 29	Nov 23, 2022 DIV: 09
---	---	--------------------------------------	------------------------------------	-------------------------

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

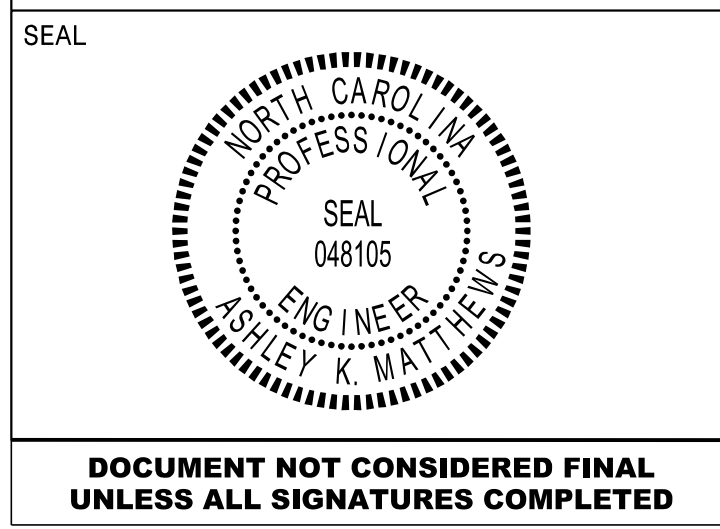
Letter spacings are to start of next letter													Series/Size Text Length
23.2	3.1	2.4	2.3	2.6	2.8	3.1	1.9	3	2.3	2.1	23.2		D 2000
													25.6
10.0	4.6	6.0	5.5	5.3	5.6	4.6	5.0	4.1	6	5.0	5.1	1.1	10.1
													57.9
28.2	2.3	2.1	2.7	2.7	1.2	2.7	2.0	28.2					D 2000
													15.7
11.2	4.9	5.5	5.5	2.4	5.0	5.0	5.6	4.1	6	5.0	5.1	1.1	11.3
													D 2000
													55.5

NORTH CAROLINA D.O.T. SIGN DETAIL

5:22:45 PM  
 7/1/2016 1:00:05 PM  
 USER: zandrews  
 C:\Users\zandrews\AppData\Local\Temp\Signing Layout\Plans\Plan\_Sign-03A.dgn



APPROVED: *Ashley K. Matthews*  
 DATE: 2/14/2023 | 1:38 PM EST



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 700 TYPE: A QUANTITY: 1  
 SIGN WIDTH: 17'-0" HEIGHT: 14'-6" TOTAL AREA: 246.5 Sq.Ft.  
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9"  
 NO. Z BARS: 5 LENGTH: 196.0

BACKG COLOR: Green COPY COLOR: White  
 SYMBOL X Y WID HT  
 M1\_4 58 124.3 36 36  
 M1-5-2-36-15 124.3 36 36

DESIGN BY: J.Navarrete CHECKED BY: Jan 26, 2023  
 PROJECT ID: ID LOCATION: DIV: 7

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													Series/Size	
													Text Length	
16.6	17	15.4	13.4	8.2	15.8	15.5	17	3.2	16	16.6	19.2	13.6	16.6	EM 2000
T h o m a s v i l l e													170.9	
25.3	15.7	15.5	15.8	22.6	15.2	13.8	17	9.6	9.6	8.2	10.6	25.3		EM 2000
H i g h P o i n t													153.4	
34.7	18.4	8.2	17	10.6	16	15.4	15.8	9.6	15.4	8.3	34.7			EM 2000
E X I T 3/4 M I L E													134.6	
47.7	8.9	10.7	3.5	7.5	10	25	10	12	4.4	9.2	7.5	47.7		E 2000
E X I T 1/4 M I L E													108.7	

US 29 @ NC 68 Signage NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 701A TYPE: A QUANTITY: 1  
 SIGN WIDTH: 17'-0" HEIGHT: 14'-6" TOTAL AREA: 246.5 Sq.Ft.  
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9"  
 NO. Z BARS: 5 LENGTH: 196.0

BACKG COLOR: Green COPY COLOR: White  
 SYMBOL X Y WID HT  
 M1\_4 58 124.3 36 36  
 M1-5-2-36-15 124.3 36 36

DESIGN BY: J.Navarrete CHECKED BY: Jan 26, 2023  
 PROJECT ID: ID LOCATION: DIV: 7

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													Series/Size	
													Text Length	
16.6	17	15.4	13.4	8.2	15.8	15.5	17	3.2	16	16.6	19.2	13.6	16.6	EM 2000
T h o m a s v i l l e													170.9	
25.3	15.7	15.5	15.8	22.6	15.2	13.8	17	9.6	9.6	8.2	10.6	25.3		EM 2000
H i g h P o i n t													153.4	
34.7	18.4	8.2	17	10.6	16	15.4	15.8	9.6	15.4	8.3	34.7			EM 2000
E X I T 1/4 M I L E													134.6	
49.2	8.9	10.7	3.5	7.5	10	22	10	12	4.4	9.2	7.5	49.2		E 2000
E X I T 3/4 M I L E													105.7	

US 29 @ NC 68 Signage NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 702 TYPE: A QUANTITY: 1  
 SIGN WIDTH: 17'-0" HEIGHT: 14'-6" TOTAL AREA: 246.5 Sq.Ft.  
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9"  
 NO. Z BARS: 5 LENGTH: 196.0

BACKG COLOR: Green COPY COLOR: White  
 SYMBOL X Y WID HT  
 M1\_4 58 127.7 36 36  
 M1-5-2-36-15 127.7 36 36  
 AR\_Type A 88.1 10.3 22.4 35.3

DESIGN BY: J.Navarrete CHECKED BY: Jan 26, 2023  
 PROJECT ID: ID LOCATION: DIV: 7

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													Series/Size	
													Text Length	
16.6	17	15.4	13.4	8.2	15.8	15.5	17	3.2	16	16.6	19.2	13.6	16.6	EM 2000
T h o m a s v i l l e													170.9	
25.3	15.7	15.5	15.8	22.6	15.2	13.8	17	9.6	9.6	8.2	10.6	25.3		EM 2000
H i g h P o i n t													153.4	
34.7	18.4	8.2	17	10.6	16	15.4	15.8	9.6	15.4	8.3	34.7			EM 2000
E X I T 1/4 M I L E													134.6	

US 29 @ NC 68 Signage NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 703 TYPE: A QUANTITY: 1  
 SIGN WIDTH: 17'-0" HEIGHT: 14'-6" TOTAL AREA: 246.5 Sq.Ft.  
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9"  
 NO. Z BARS: 5 LENGTH: 196.0

BACKG COLOR: Green COPY COLOR: White  
 SYMBOL X Y WID HT  
 M1\_4 59.4 111.7 36 36  
 M1-5-2-36-15 111.7 36 36

DESIGN BY: J.Navarrete CHECKED BY: Jan 26, 2023  
 PROJECT ID: ID LOCATION: DIV: 7

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													Series/Size	
													Text Length	
18	17	15.4	13.4	8.2	15.8	15.5	17	3.2	16	16.6	19.2	13.6	15.1	EM 2000
T h o m a s v i l l e													170.9	
26.7	15.7	15.5	15.8	22.6	15.2	13.8	17	9.6	9.6	8.2	10.6	23.8		EM 2000
H i g h P o i n t													153.4	
50.6	8.9	10.7	3.5	7.5	10	22	10	12	4.4	9.2	7.5	47.7		E 2000
E X I T 1/4 M I L E													105.7	

US 29 @ NC 68 Signage NORTH CAROLINA D.O.T. SIGN DETAIL

02/14/23 S:\S&U\Western Region\Div 7\B-5783-SD\_3B-3C.dgn User:akmatthews

APPROVED: *Ashley K. Matthews*  
40171AA1BC834C0...

DATE: 2/23/2023 | 12:58 PM EST



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

SIGN NUMBER: 704	BACKG COLOR: Green	DESIGN BY: J.Navarrete	CHECKED BY:	Jan 26, 2023																				
TYPE: A	COPY COLOR: White	PROJECT ID: ID	LOCATION:	DIV: 7																				
QUANTITY: 1	<table border="1" style="font-size: 8px;"> <thead> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> </thead> <tbody> <tr><td>M1_4</td><td>58</td><td>113.8</td><td>36</td><td>36</td></tr> <tr><td>M1-5-2-36-15G10</td><td>113.8</td><td>36</td><td>36</td><td>36</td></tr> <tr><td>AR_Type A</td><td>88.1</td><td>18</td><td>22.4</td><td>35.3</td></tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	M1_4	58	113.8	36	36	M1-5-2-36-15G10	113.8	36	36	36	AR_Type A	88.1	18	22.4	35.3			
SYMBOL	X	Y	WID	HT																				
M1_4	58	113.8	36	36																				
M1-5-2-36-15G10	113.8	36	36	36																				
AR_Type A	88.1	18	22.4	35.3																				
SIGN WIDTH: 17'-0"																								
HEIGHT: 14'-6"		Spacing Factor is 1 unless specified otherwise																						
TOTAL AREA: 246.5 Sq.Ft.																								
BORDER TYPE: FLUSH																								
RECESS: 0"																								
WIDTH: 2"																								
RADI: 9"																								
NO. Z BARS: 5	MATL: 0.125" (3.2 mm) ALUMINUM																							
LENGTH: 196.0																								

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

LETTER POSITIONS

Letter spacings are to start of next letter

															Series/Size
															Text Length
N	o	t	i	o	n	a	l								EM 2000
16.6	17	15.4	13.4	8.2	15.8	15.5	17	3.2	16	16.6	19.2	13.6	16.6		170.9
															EM 2000
T	h	o	m	a	s	v	i	l	l	e					153.4
25.3	15.7	15.5	15.8	22.6	15.2	13.8	17	9.6	9.6	8.2	10.6	25.3			

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 701B	BACKG COLOR: Green	DESIGN BY: AKM	CHECKED BY:	Feb 14, 2023																																			
TYPE: B	COPY COLOR: White	PROJECT ID:	LOCATION:	DIV: 7																																			
QUANTITY: 1	<table border="1" style="font-size: 8px;"> <thead> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> </thead> <tbody> <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> <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>	SYMBOL	X	Y	WID	HT																																	
SYMBOL	X	Y	WID	HT																																			
SIGN WIDTH: 8'-6"																																							
HEIGHT: 2'-6"		Spacing Factor is 1 unless specified otherwise																																					
TOTAL AREA: 21.3 Sq.Ft.																																							
BORDER TYPE: FLUSH																																							
RECESS: 0"																																							
WIDTH: 1"																																							
RADI: 3"																																							
NO. Z BARS: 2	MATL: 0.125" (3.2 mm) ALUMINUM																																						
LENGTH: 94.0																																							

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

LETTER POSITIONS

Letter spacings are to start of next letter

															Series/Size
															Text Length
G	A	S	-	F	O	O	D								D 2000
10.8	8.1	9.3	6.8	10	3.5	10	7.5	9.1	9.3	6.8	10.8				80.4

NORTH CAROLINA D.O.T. SIGN DETAIL

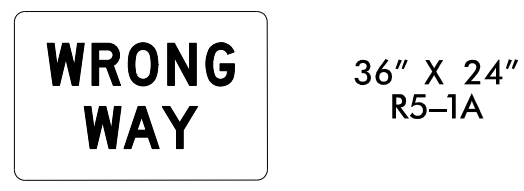
APPROVED:   
DocuSigned by:  
Zach Andrews  
C8D0849632FC4FE...

DATE: 04/12/2023



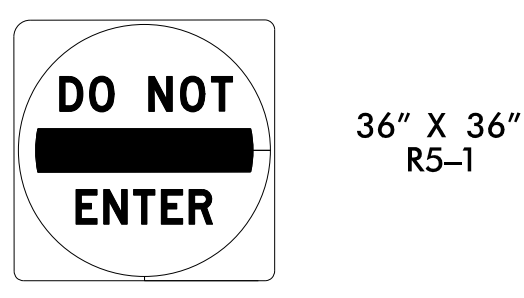
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

**401** QUANTITY REQ'D 4



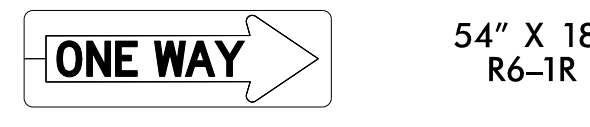
ONE "U" POST PER SIGN

**402** QUANTITY REQ'D 4



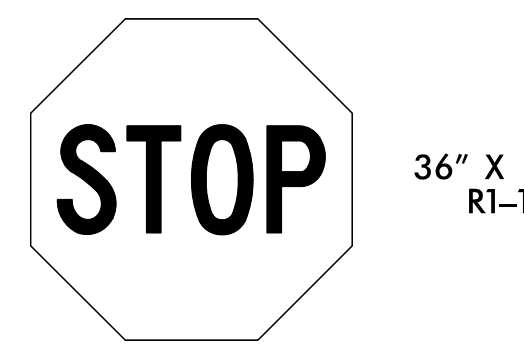
ONE "U" POST PER SIGN

**403** QUANTITY REQ'D 2



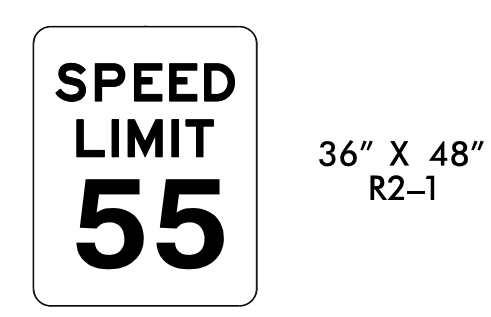
TWO "U" POST PER SIGN ASSEMBLY

**404** QUANTITY REQ'D 3



ONE "U" POST PER SIGN

**405** QUANTITY REQ'D 2

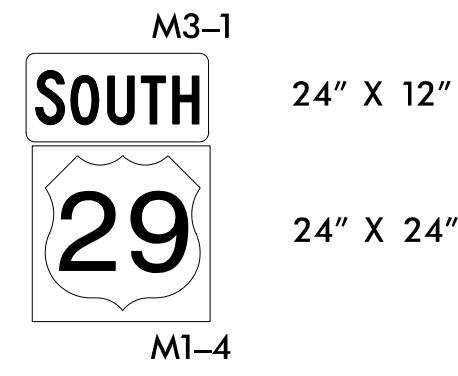


TWO "U" POST PER SIGN

5:22:49 PM  
 7/1/2016 1:00:05 PM  
 USER: zachandrews



501



ONE "U" POST PER SIGN

TIP NO. B-5783	SHEET NO. SIGN-3E
-------------------	----------------------

APPROVED: *Jack Andrews*  
DocuSigned by:  
 0 C8D0949632FC4FE...

DATE: 04/12/2023




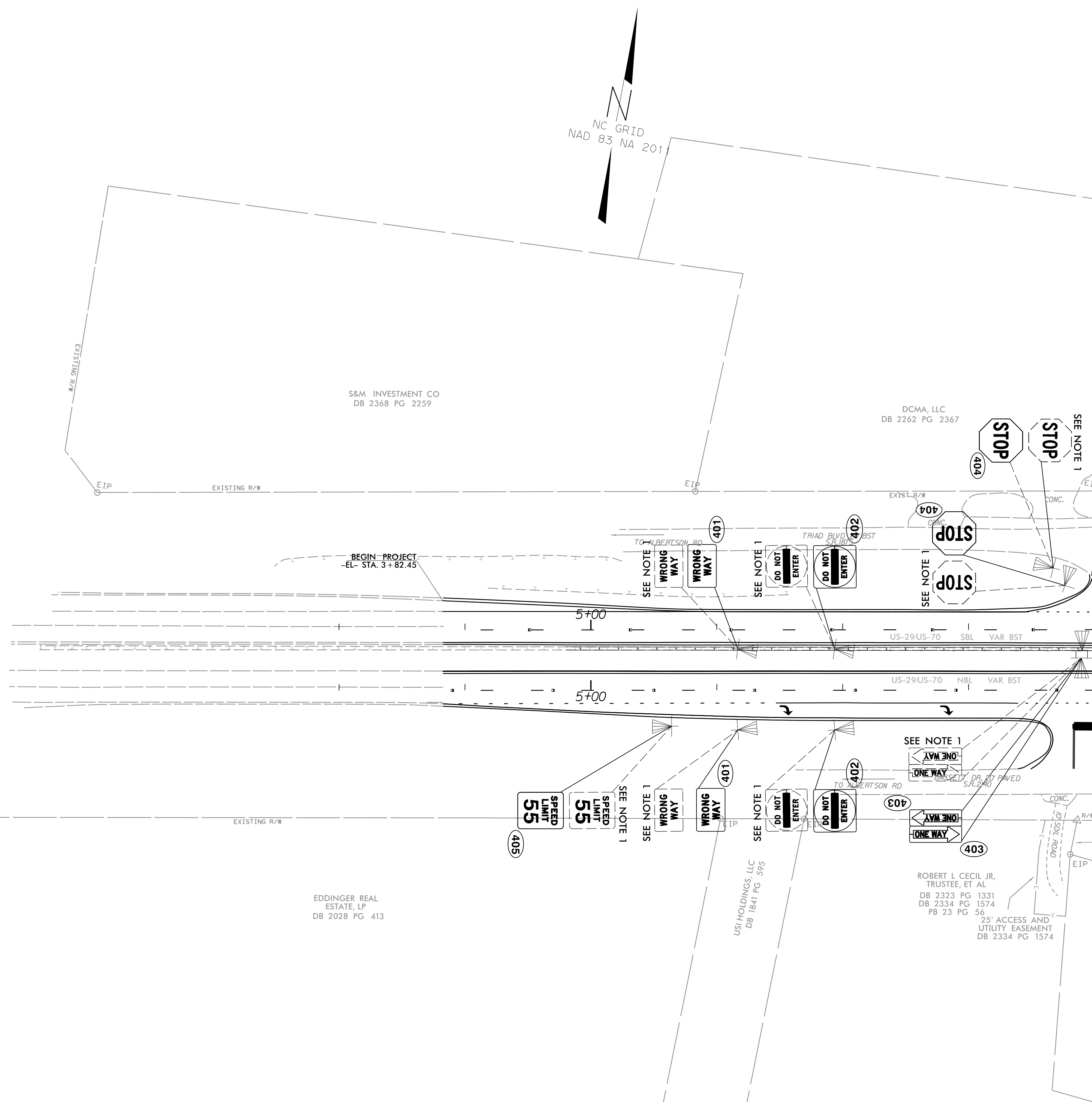
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

5:22:51 PM  
7/1/2016 1:16:00 PM  
USER: jandrews

**TYPE "F" SIGNS**



TIP NO. B-5783	SHEET NO. SIGN-5
APPROVED: <i>Jack Andrews</i> CDD0849632C4FE...	
DATE: 04/12/2023	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



MATCHLINE STA. 9+00 (SEE SHEET SIGN-6)

- PROJECT NOTES**
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
  2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM


**DAVENPORT**  

 119 BROOKSTOWN AVE, SUITE PH-1  
 WINSTON-SALEM, NC 2701  
 336-744-1636 www.davenportworld.com  
 NCELS FIRM LICENSE NO. C-2522

# SIGNING PLAN SHEETS

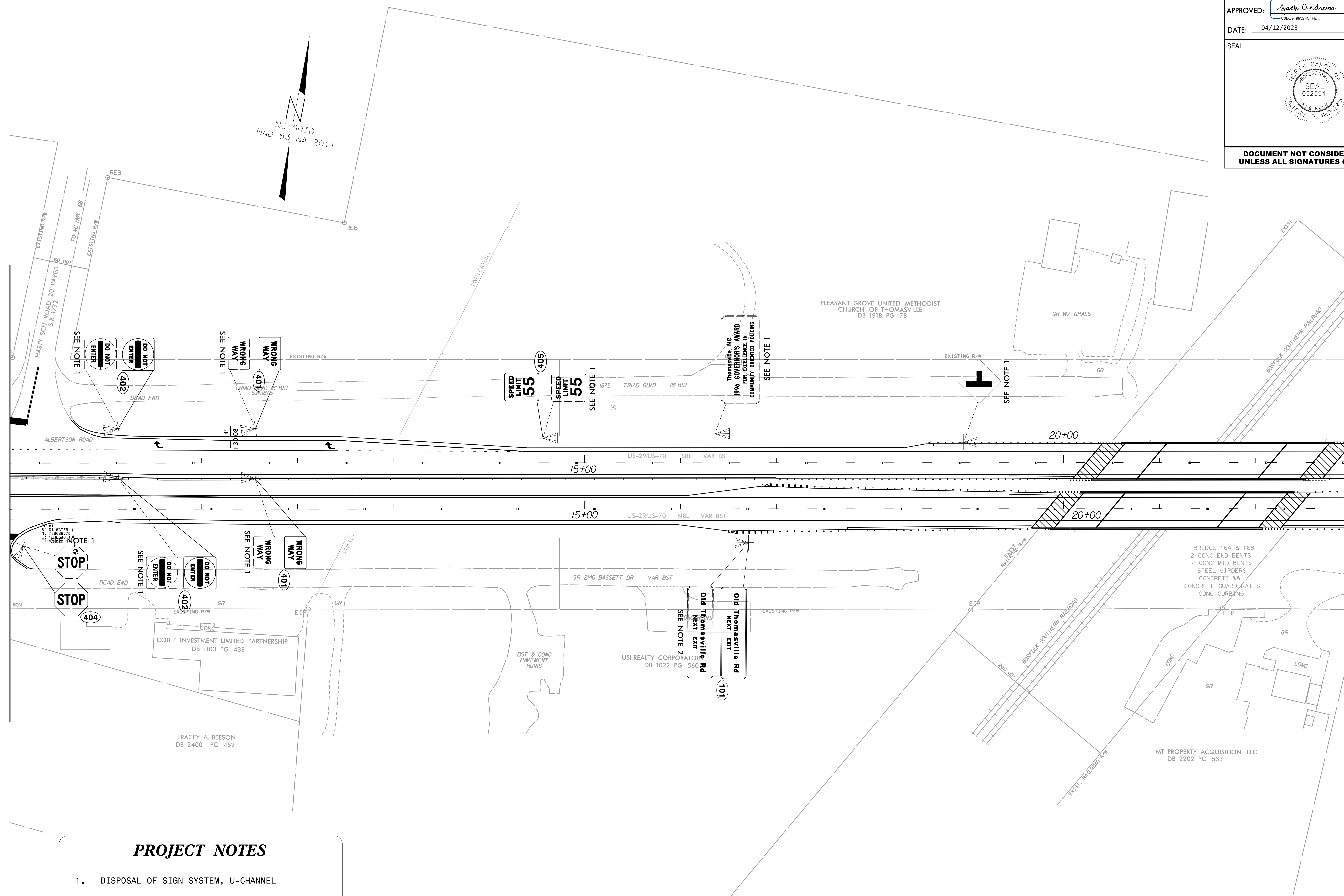
5:23:02 PM 7/17/2016 1:00:05 NCDDT...B5783...US29-70\DESIGN\B5783\Traffic\Signing\Layout\Plans\Sign\_SGN-05.dgn USER: jandrews



TIP NO. B-5783	SHEET NO. SIGN-6
APPROVED: <i>Jack Andrews</i> CDD0849632C/CAFE...	
DATE: 04/12/2023	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

MATCHLINE STA. 9+00 (SEE SHEET SIGN-5)

MATCHLINE STA. 23+00 (SEE SHEET SIGN-7)




- PROJECT NOTES**
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
  - DISPOSAL OF SIGN SYSTEM, STEEL BEAM

**DAVENPORT**  

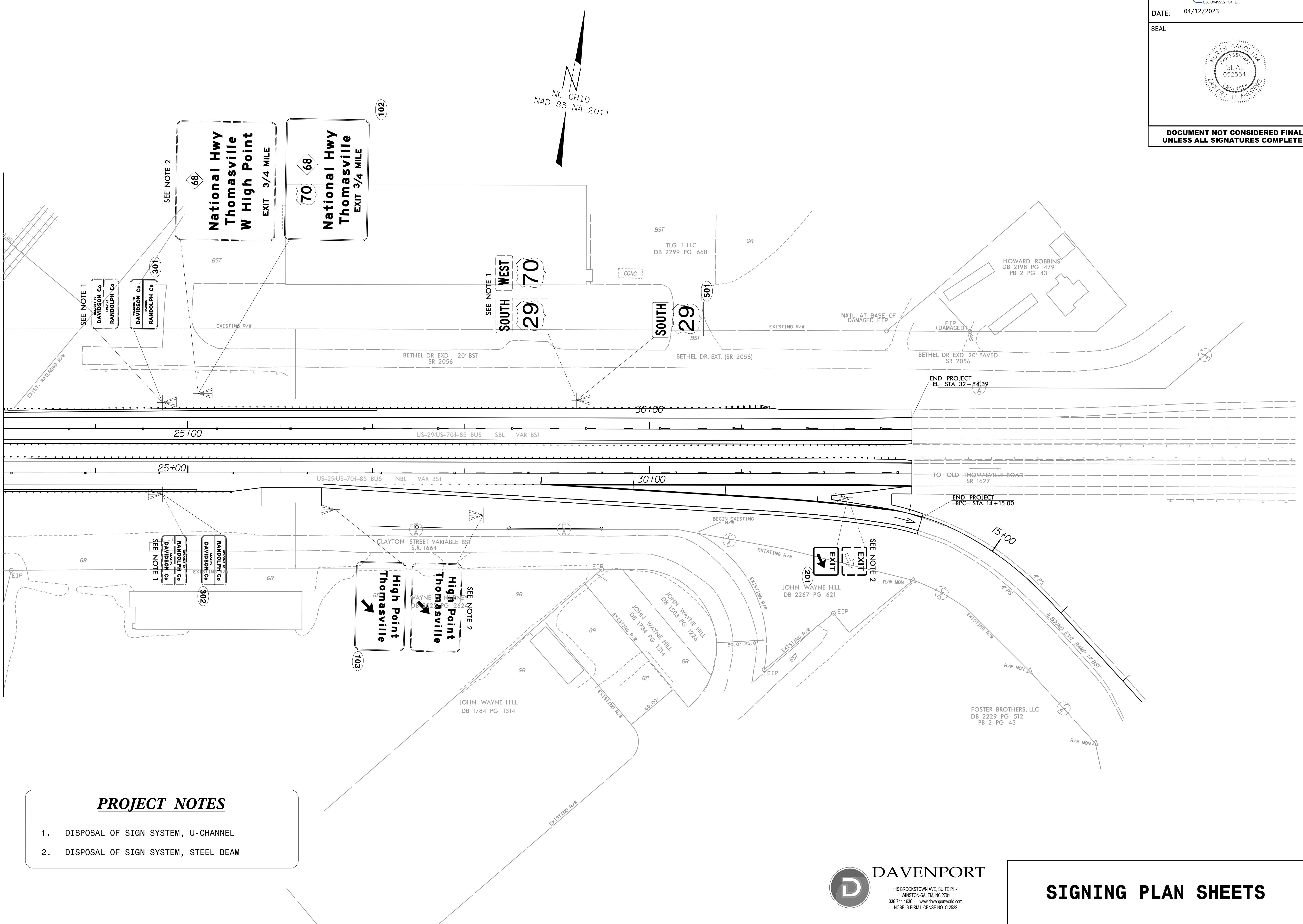
 119 BROOKSTOWN AVE, SUITE PH-1  
 WINSTON-SALEM, NC 2701  
 336-744-658 www.davenportworld.com  
 NCBELS FIRM LICENSE NO. C-2522

**SIGNING PLAN SHEETS**

5:23:05 PM  
 7/17/2016 1:00:05 PM  
 USER: zandrews

TIP NO. B-5783	SHEET NO. SIGN-7
APPROVED: <i>Jack Andrews</i> CDD0849632FCAFE...	
DATE: 04/12/2023	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

MATCHLINE STA. 23+00 (SEE SHEET SIGN-6)



- PROJECT NOTES**
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
  2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM

**DAVENPORT**  
  
 119 BROOKSTOWN AVE, SUITE PH-1  
 WINSTON-SALEM, NC 2701  
 336-744-1636 www.davenportworld.com  
 NCBELS FIRM LICENSE NO. C-2522

**SIGNING PLAN SHEETS**

5:23:09 PM 7/12/2016 160905\_NCCDDT...B5783\_US29-70\DESIGN\B5783\_Traffic\Signing\CADD\Signing Layout\Plans\Plan Sheets\B5783\_SGN\_SGN-07.dgn USER: zandrews