


**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

TIP NO. I-5997	SHEET NO. SIGN-1
APPROVED: <u>Ayman Alqudwah</u> <small>F30AC5CAF86472</small>	
DATE: Dec 7, 2021	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SIGNING PLAN WAKE COUNTY

**LOCATION: I-440/US 1 - FROM SR1728 (WADE AVENUE) TO
SR 2000 (WAKE FOREST ROAD) IN RALEIGH.**

T.I.P.: I-5997

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
901.20	TYPE 'B' 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
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING

PROJECT NOTES

- 1 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 2 SIGN ERECTION, TYPE A (OVERHEAD)
- 3 SIGN ERECTION, TYPE B (OVERHEAD)
- 4 DISPOSAL OF WALKWAY
- 5 DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- 6 SIGN ERECTION, TYPE A (GROUND MOUNTED)
- 7 DISPOSAL OF LIGHTING SYSTEM
- 8 CUTTING OF SIGN HANGERS, OVERHEAD

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	42 EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	33 EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	13 EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	75 EA.
4236000000	907	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	13 EA.
4251000000	907	DISPOSAL OF LIGHTING SYSTEM	32 EA.
4263000000	907	DISPOSAL OF WALKWAY	26 EA.
4360000000	SP	CUTTING OF SIGN HANGERS, OVERHEAD	141 EA.

GENERAL NOTES

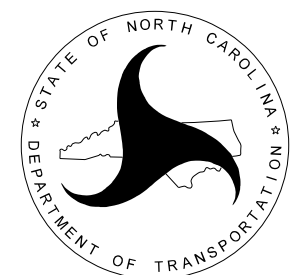
- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A-1C	ROADWAY STANDARD DRAWINGS
SIGN-2	PLAN SHEET LAYOUT
SIGN-3-18	SIGN DESIGNS
SIGN-19-23	SIGNING PLAN SHEETS

PLAN PREPARED BY: NCDOT SIGNING & DELINEATION UNIT

AYMAN ALQUDWAH, PE SIGNING & DELINEATION REGIONAL ENGINEER
MATTHEW TRACEY, PE SIGNING & DELINEATION PROJECT DESIGN ENGINEER



THREE WAY CHECK

MATTHEW TRACEY, PE
JOSE MARTINEZ, PE
MITCH EATON, PE



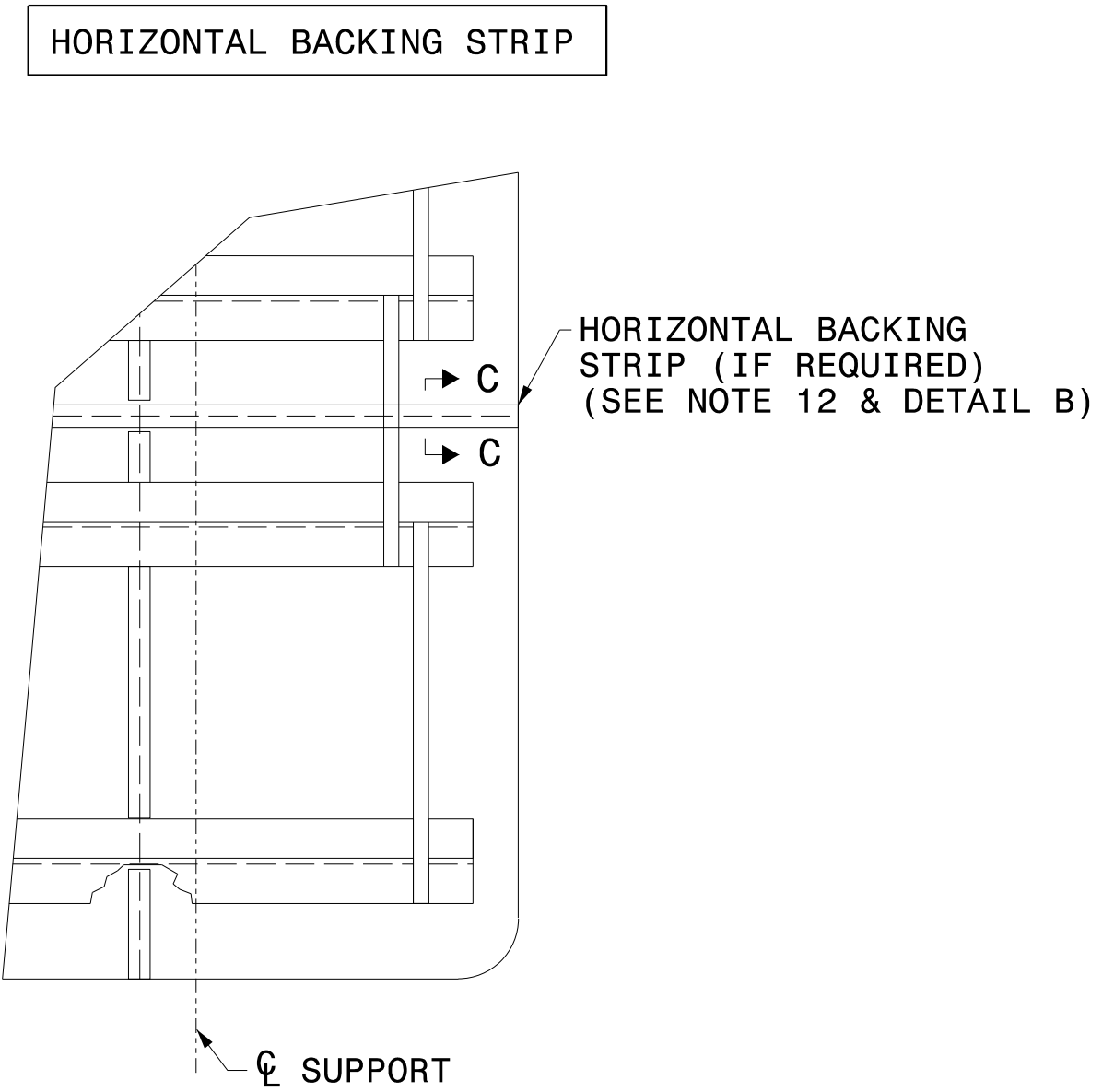
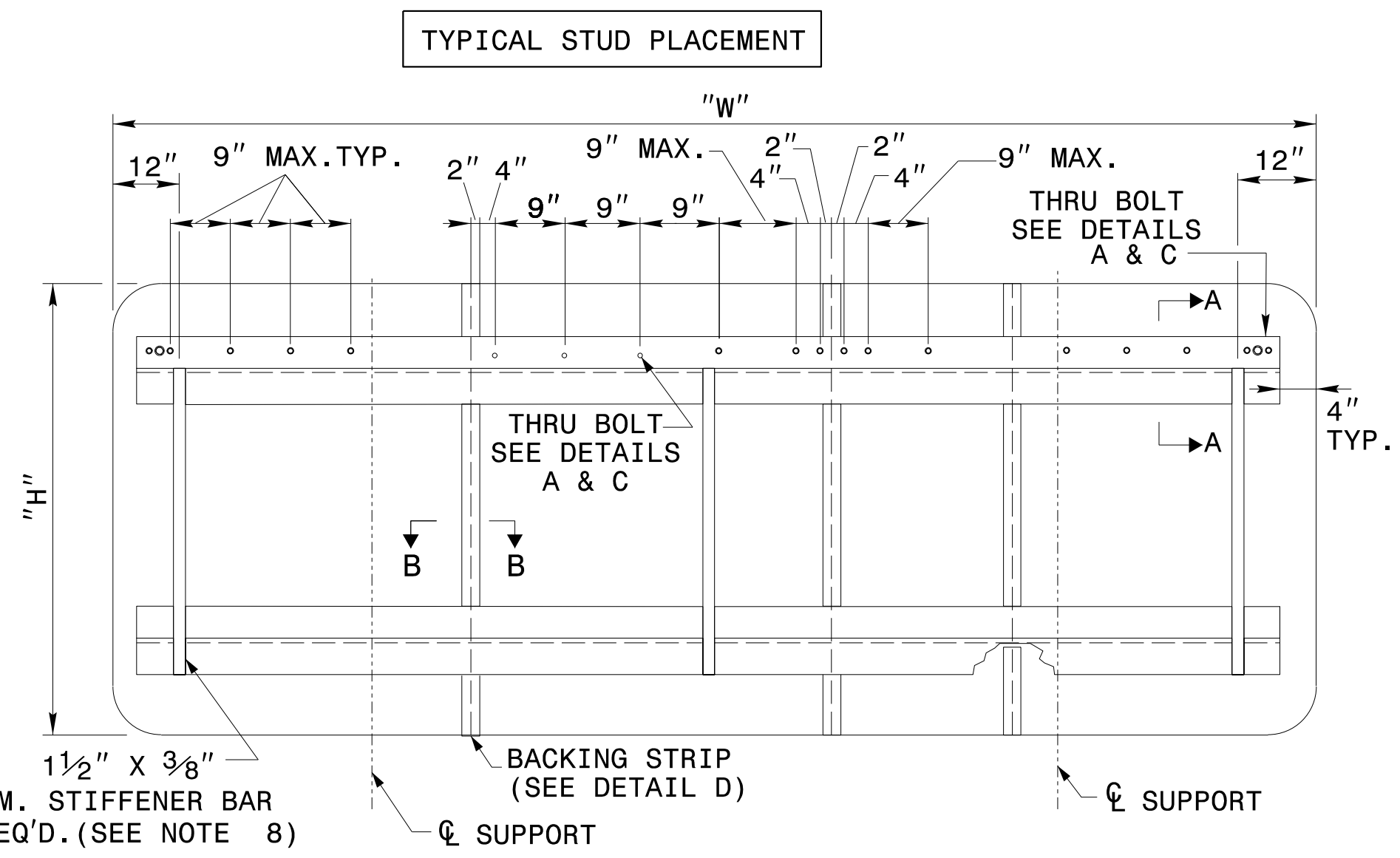
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

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

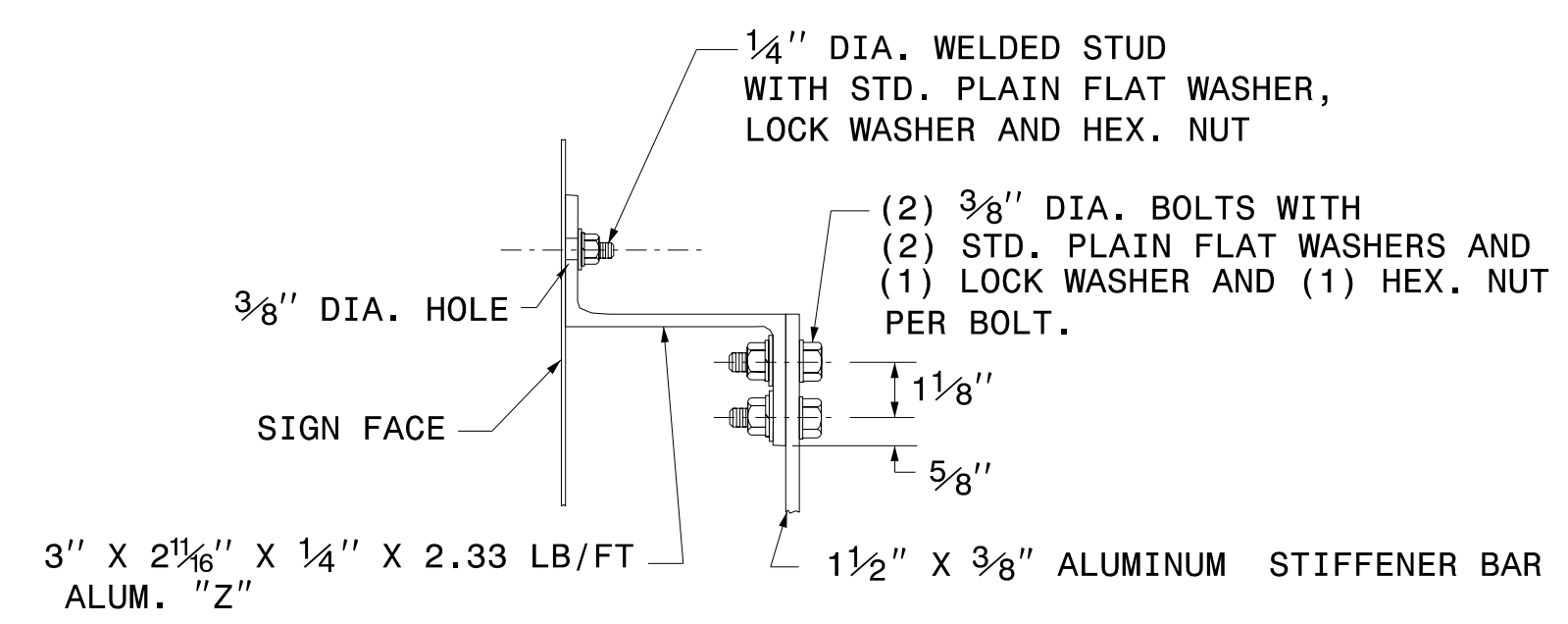
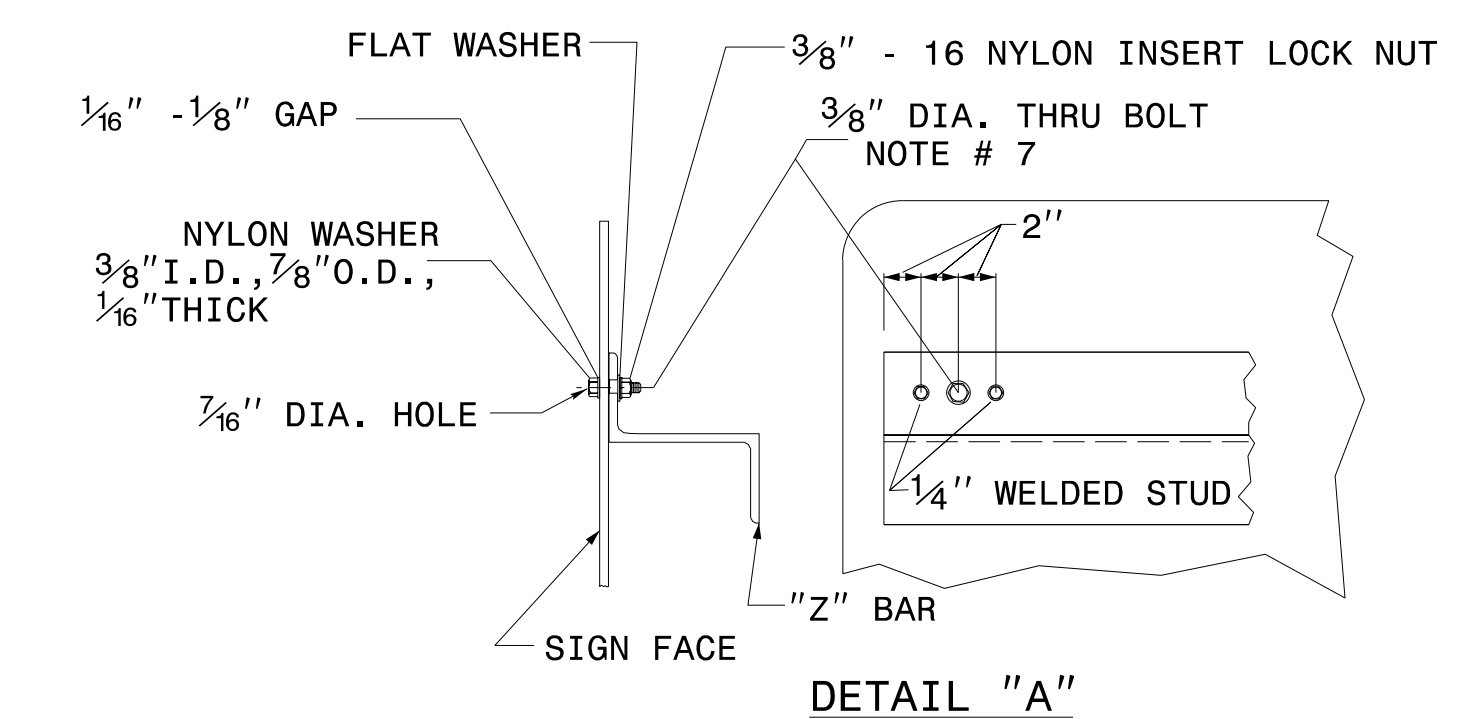
SEAL



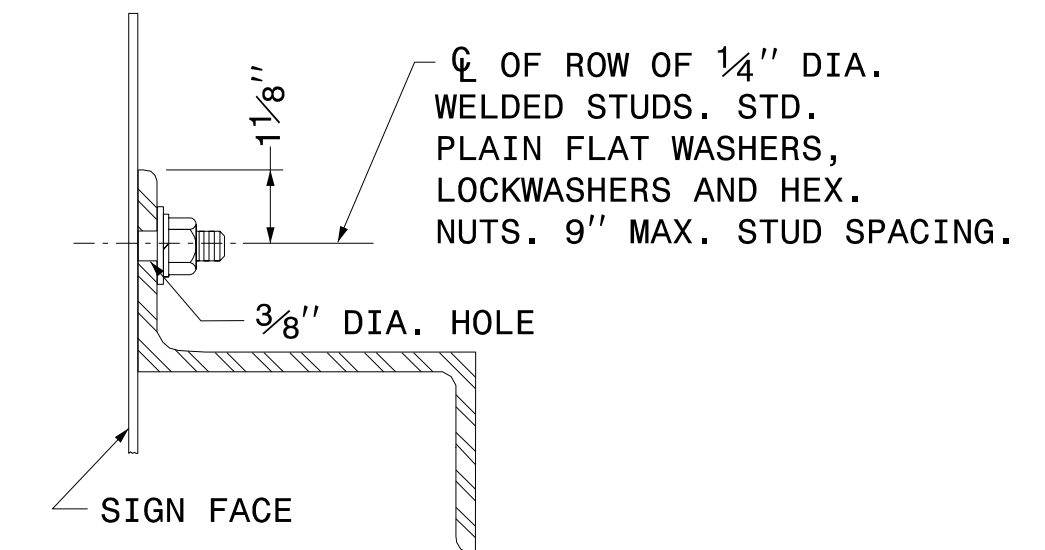
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

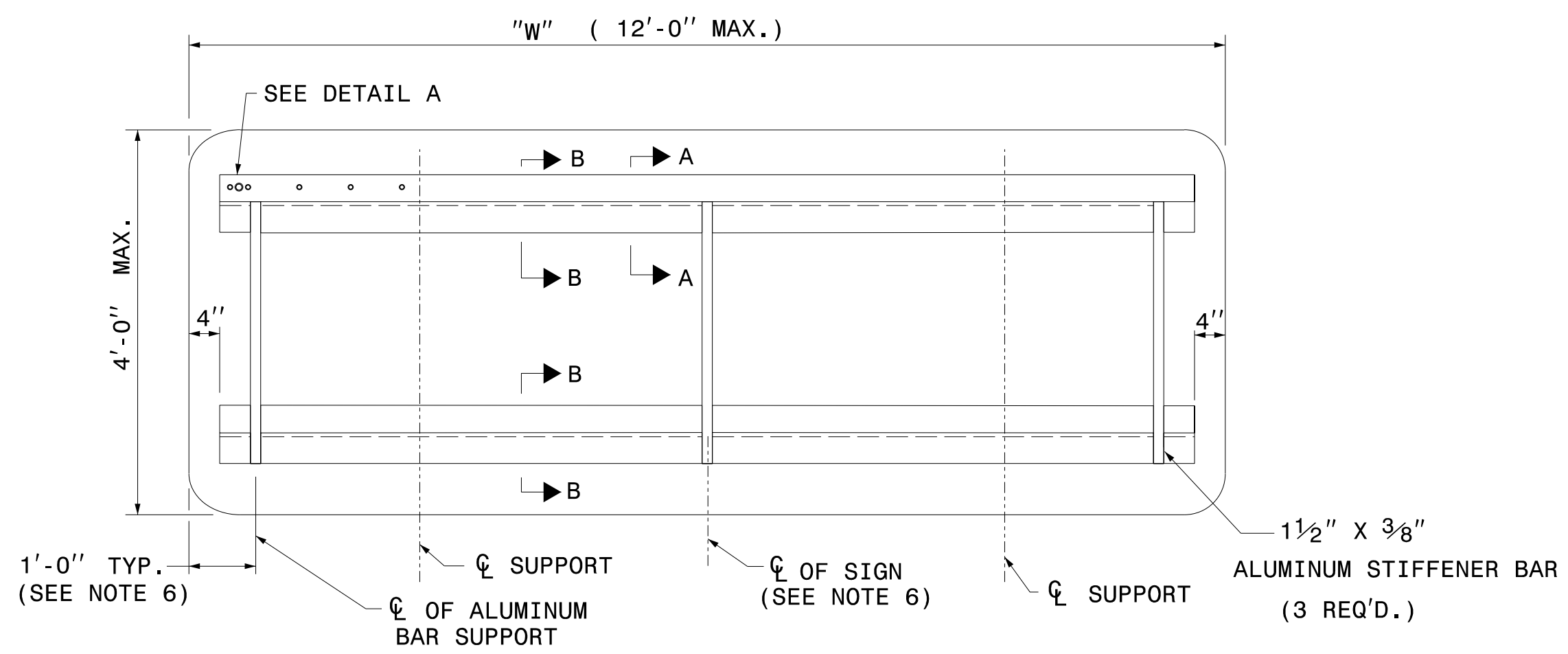
ENGLISH DETAIL DRAWING FOR
TYPE 'B' SIGNS
WELDED STUD CONSTRUCTION



SECTION A-A
STIFFENER DETAIL



SECTION B-B



NOTES:

1. USE NUMBER AND SIZE OF SUPPORTS SHOWN ON SUPPORT CHART IN PROJECT PLAN SHEETS.
2. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES FOR THE TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES AND SUPPORTS.
3. FURNISH ALL MOUNTING HARDWARE.
4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
5. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
6. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
7. FABRICATE EACH SIGN WITH A 3/8" DIA. BOLT 4" FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR.
8. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
9. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
10. PLACE NYLON WASHER UNDER HEAD OF 3/8" THRU BOLT.
11. 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.

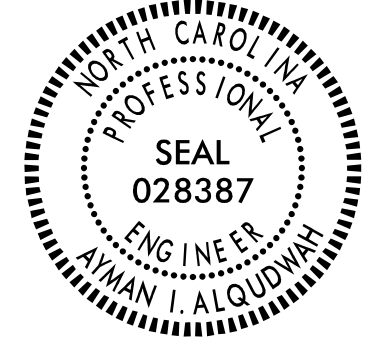
2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'B' SIGNS
WELDED STUD CONSTRUCTION

APPROVED: *Amman Alqudus*
F32ACGAF98547Z

DATE: Dec 7, 2021

SEAL



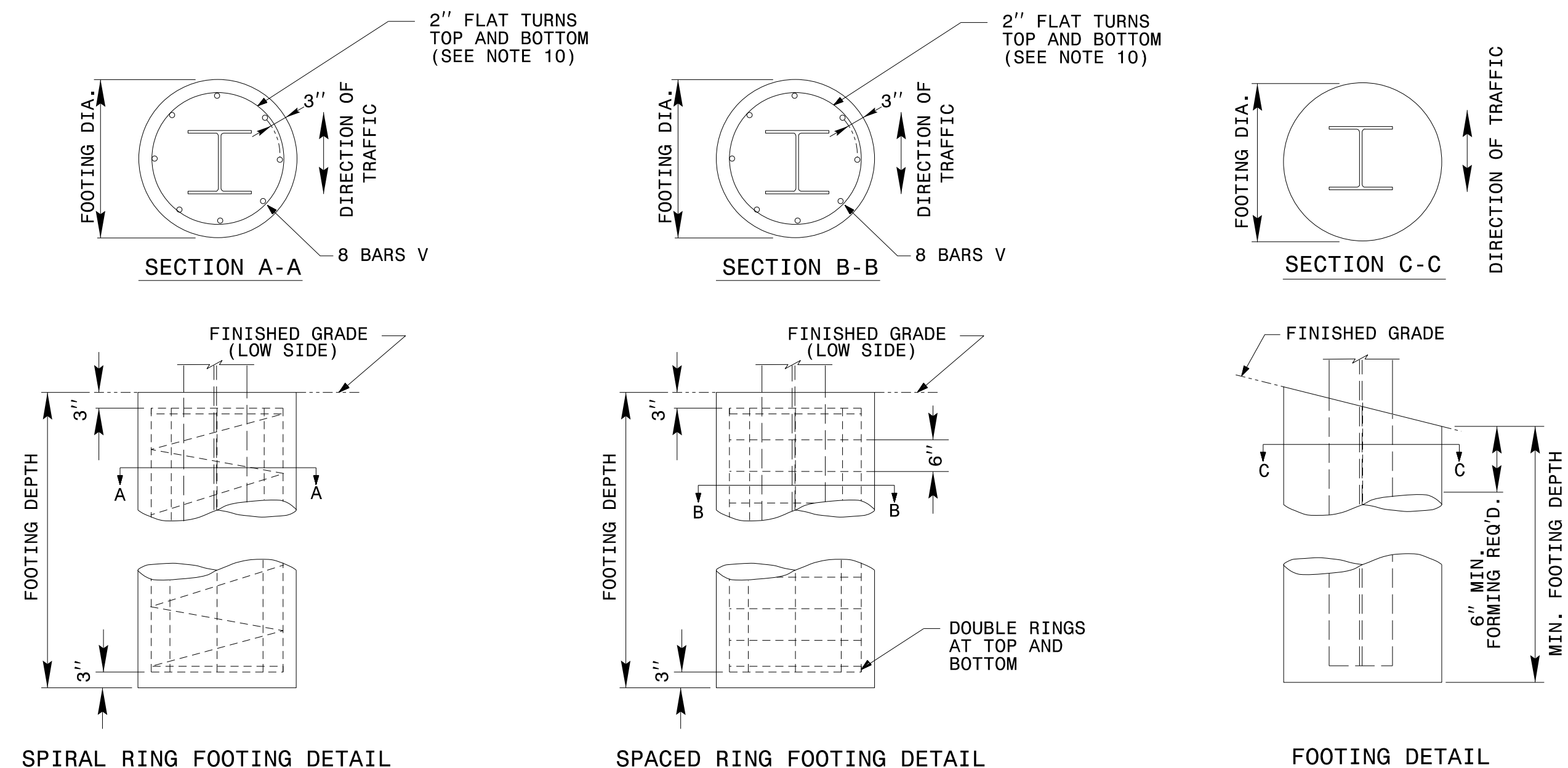
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

5-20

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3
903D10

BEAM SHAPE	BOLT SIZE	SLIP BASE PLATE DATA								KEEPER PLATE DATA						HINGE CONNECTION DATA								BREAK AWAY SUPPORT WEIGHT CONSTANT LBS.		
		A ₁	B ₁	C ₁	D ₁	E ₁	T ₁	R ₁	A ₂	B ₂	C ₂	D ₂	E ₂	R ₂	T ₂	BOLT SIZE	F	G	H	I	J	K	L		R ₃	T ₃
S3X5.7	1/2"DIA. X 3/4"	7"	4"	1"	3/4"	2 1/2"	1"	9/32"	7"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 3/4"	2 1/4"	3 1/2"	4"	1/2"	1"	1 1/2"	2"	9/32"	3/8"	18
S4X7.7	1/2"DIA. X 3/4"	8"	4"	1"	3/4"	2 1/2"	1"	9/32"	8"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 3/4"	2 5/8"	3 1/2"	4"	1/2"	1"	1 1/2"	2"	9/32"	3/8"	20
W6X9	1/2"DIA. X 3/4"	10"	5"	1"	3/4"	3 1/2"	1"	9/32"	10"	5"	1"	3/4"	3 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 3/4"	4"	3 1/2"	4"	3/4"	1"	1 1/2"	2"	9/32"	3/8"	32
W6X12	5/8"DIA. X 4"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/4"	11/32"	11"	5"	1 1/4"	7/8"	3 1/4"	11/32"	28 GAUGE	5/8"DIA. X 2"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	3/8"	39
W6X16	5/8"DIA. X 4 1/2"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	11/32"	12"	6"	1 1/4"	7/8"	4 1/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	1/2"	47
W8X18	5/8"DIA. X 4 1/2"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	1 1/2"	11/32"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/4"	5 1/4"	4"	4 1/2"	1"	1 1/8"	5/8"	2 1/4"	11/32"	1/2"	70
W8X21	3/4"DIA. X 4 1/2"	14"	7"	1 1/2"	1"	5"	1 1/2"	13/32"	14"	7"	1 1/2"	1"	5"	13/32"	28 GAUGE	3/4"DIA. X 2 1/2"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1/2"	73
W10X22	3/4"DIA. X 4 1/2"	16"	8"	1 1/2"	1"	6"	1 1/2"	13/32"	16"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4"DIA. X 2 1/2"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1/2"	119
W10X26	3/4"DIA. X 5 1/2"	16 1/2"	8"	1 1/2"	1"	6"	1 3/4"	13/32"	16 1/2"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	140
W12X26	3/4"DIA. X 5 1/2"	18 1/2"	9"	1 1/2"	1"	7"	1 3/4"	13/32"	18 1/2"	9"	1 1/2"	1"	7"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	176
W14X30	1"DIA. X 6"	22"	9"	2"	1 1/2"	6"	2"	17/32"	22"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	17/32"	5/8"	205
W16X31	1"DIA. X 6"	24"	9"	2"	1 1/2"	6"	2"	17/32"	24"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	223
W18X35	1"DIA. X 6"	25"	9"	2"	1 1/2"	6"	2"	17/32"	25"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	243
W18X40	1"DIA. X 6 1/2"	26"	9"	2"	1 1/2"	6"	2 1/4"	17/32"	26"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 1/2"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	278
W21X44	1"DIA. X 7"	29"	9"	2"	1 1/2"	6"	2 1/2"	17/32"	29"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 1/2"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	310



FOUNDATION DATA *			
FOOTING DIAMETER	REINFORCEMENT	SPIRAL BAR	SPACED BAR
1'-6"	8 # 6 BARS	#3 BAR, 6" PITCH	#3 BAR, 6" SPACE
2'	8 # 7 BARS	#3 BAR, 6" PITCH	#3 BAR, 6" SPACE
2'-6"	8 # 9 BARS	#3 BAR, 6" PITCH	#3 BAR, 6" SPACE
3'	8 # 11 BARS	#3 BAR, 6" PITCH	#3 BAR, 6" SPACE
3'-6"	8 # 12 BARS	#3 BAR, 6" PITCH	#3 BAR, 6" SPACE
4'	8 # 14 BARS	#3 BAR, 6" PITCH	#3 BAR, 6" SPACE

* FOUNDATION DIMENSIONS ARE SHOWN IN PLANS

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

5-20

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

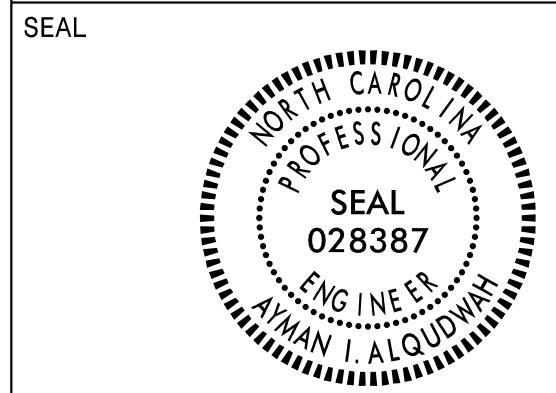
SHEET 2 OF 3
903D10



PLAN SHEET LAYOUT

APPROVED: *Ayman Alqudusah*

DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 2A,38A BACKG COLOR: Green
 TYPE: B (OVHD) COPY COLOR: White
 QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 7'-6"
 HEIGHT: 2'-6"
 TOTAL AREA: 18.8 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 3"

NO. Z BARS: 2
 LENGTH: 82.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT CHECKED BY: Jun 09, 2021
 PROJECT ID: I-5997 LOCATION: DIV: 5

BORDER R=3" TH=2"

USE NOTES: 1,2
 1. Legend and border(except those that are colored black) shall be direct applied Grade A 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

Series/Size	Text Length
E 2000	57.8
E 2000	57.8

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 1A,3A,5A,7A BACKG COLOR: Green
 TYPE: B (OVHD) COPY COLOR: White
 QUANTITY: 4

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 7'-6"
 HEIGHT: 2'-6"
 TOTAL AREA: 18.8 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 3"

NO. Z BARS: 2
 LENGTH: 82.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT CHECKED BY: Jun 09, 2021
 PROJECT ID: I-5997 LOCATION: DIV: 5

BORDER R=3" TH=2"

USE NOTES: 1,2
 1. Legend and border(except those that are colored black) shall be direct applied Grade A 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

Series/Size	Text Length
E 2000	57.8
E 2000	57.8

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2B BACKG COLOR: Green
 TYPE: A (OVHD) COPY COLOR: White
 QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 22'-6"
 HEIGHT: 6'-6"
 TOTAL AREA: 146.3 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"

NO. Z BARS: 2
 LENGTH: 262.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT CHECKED BY: Jun 15, 2021
 PROJECT ID: I-5997 LOCATION: DIV: 5

BORDER R=9" TH=2"

USE NOTES: 1,2
 1. Legend and border(except those that are colored black) shall be direct applied Grade A 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

Series/Size	Text Length
EM 2000	215.7
E 2000	70.1

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 1B BACKG COLOR: Green
 TYPE: A (OVHD) COPY COLOR: White
 QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 15'-0"
 HEIGHT: 6'-6"
 TOTAL AREA: 97.5 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"

NO. Z BARS: 2
 LENGTH: 172.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT CHECKED BY: Jun 15, 2021
 PROJECT ID: I-5997 LOCATION: DIV: 5

BORDER R=9" TH=2"

USE NOTES: 1,2
 1. Legend and border(except those that are colored black) shall be direct applied Grade A 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

Series/Size	Text Length
EM 2000	109.4
E 2000	52.6

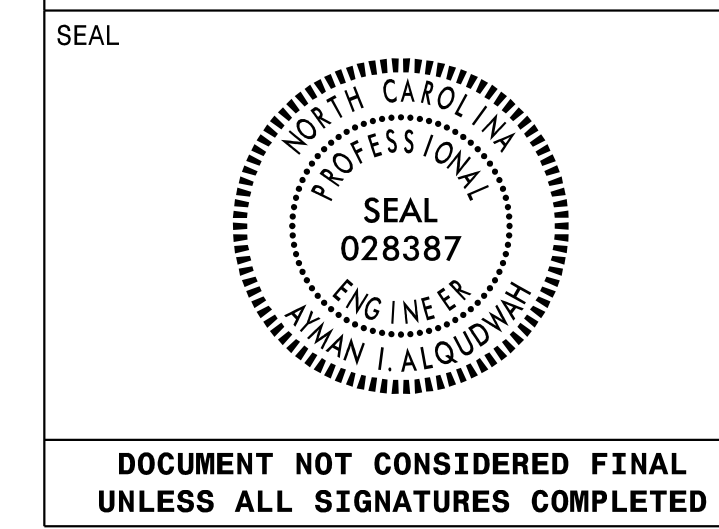
FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

I:\1-5997\1-5997 Map.dgn User:mmr0001

SIGN DESIGNS

APPROVED: *Asman Alqudwah*
P23CSCAF050472

DATE: Dec 7, 2021



SIGN NUMBER: 3B BACKG COLOR: Green
TYPE: A (OVHD) COPY COLOR: White

DESIGN BY: MT CHECKED BY: Aug 03, 2021
PROJECT ID: I-5997 LOCATION: DIV: 5

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 15'-0"
HEIGHT: 6'-6"
TOTAL AREA: 97.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 9"

NO. Z BARS: 2
LENGTH: 172.0

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 A 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

Series/Size	Text Length
EM 2000	109.4
E 2000	70.1

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 5B BACKG COLOR: Green
TYPE: A (OVHD) COPY COLOR: White

DESIGN BY: MT CHECKED BY: Aug 03, 2021
PROJECT ID: I-5997 LOCATION: DIV: 5

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 15'-0"
HEIGHT: 6'-6"
TOTAL AREA: 97.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 9"

NO. Z BARS: 2
LENGTH: 172.0

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 A 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

Series/Size	Text Length
EM 2000	109.4
E 2000	70.1

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 38B BACKG COLOR: Green
TYPE: A (OVHD) COPY COLOR: White

DESIGN BY: MT CHECKED BY: Aug 12, 2021
PROJECT ID: I-5997 LOCATION: DIV: 5

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 26'-0"
HEIGHT: 6'-6"
TOTAL AREA: 169.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 9"

NO. Z BARS: 2
LENGTH: 304.0

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 A sheeting.
2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

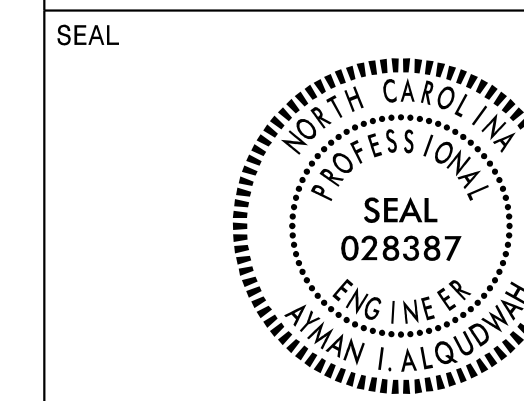
Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	215.7
E 2000	52.6

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

APPROVED: *Ayman Alqudwah*

DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 7B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
Al_Type A	180	13.3	22.2	34.9

SIGN WIDTH: 18'-6"
HEIGHT: 4'-6"
TOTAL AREA: 83.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 2
LENGTH: 214.0

DESIGN BY: MT **CHECKED BY:** **Aug 03, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size
												Text Length
34.5	17.3	8.2	15.5	15.5	16.6	16	15.8	10.6	7.8			EM 2000
												108.4

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 4A,6A,8A **BACKG COLOR:** Green
TYPE: B (OVHD) **COPY COLOR:** White
QUANTITY: 3

SYMBOL	X	Y	WID	HT
Al_Type A	100	143.3	36	36

SIGN WIDTH: 7'-6"
HEIGHT: 2'-6"
TOTAL AREA: 18.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 2
LENGTH: 82.0

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size
												Text Length
16.1	8.8	10.7	3.5	7.5	15	12.2	16.1					EM 2000
												57.8

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 6B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
W_4	100	143.3	36	36
W1-5-2-24-100	192	143.3	36	36

SIGN WIDTH: 24'-0"
HEIGHT: 17'-0"
TOTAL AREA: 408.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 6
LENGTH: 280.0

DESIGN BY: MT **CHECKED BY:** **Aug 03, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size					
												Text Length					
56.1	17.8	8.2	15.5	15.2	19.5	14.4	14.4	10.6	16	19.2	15.5	10.6	56.1	EM 2000			
														175.8			
42.8	17.4	10.4	17	13.9	13.4	10.4	14.1	10.6	16	17.1	17	9.6	8.2	13.8	13.6	42.8	EM 2000
																	202.4
95.7	17.8	17	11.8	15.5	17	17.6	95.7										EM 2000
																	96.6
114																	E 2000
109	22	15	12	4.4	9.2	7.5	109										E 2000
																	70.1

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 4B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
W_4	100	143.3	36	36
W1-5-2-24-100	192	143.3	36	36

SIGN WIDTH: 24'-0"
HEIGHT: 17'-0"
TOTAL AREA: 408.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 6
LENGTH: 280.0

DESIGN BY: MT **CHECKED BY:** **Aug 03, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size					
												Text Length					
56.1	17.8	8.2	15.5	15.2	19.5	14.4	14.4	10.6	16	19.2	15.5	10.6	56.1	EM 2000			
														175.8			
42.8	17.4	10.4	17	13.9	13.4	10.4	14.1	10.6	16	17.1	17	9.6	8.2	13.8	13.6	42.8	EM 2000
																	202.4
95.7	17.8	17	11.8	15.5	17	17.6	95.7										EM 2000
																	96.6
114																	E 2000
109	22	15	12	4.4	9.2	7.5	109										E 2000
																	70.1

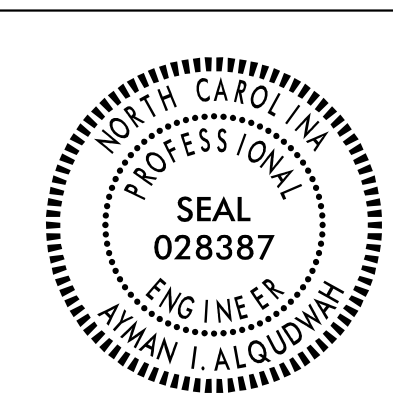
FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

U:\1-5997\1-5997 Map.dgn
 User: mmr0001

SIGN DESIGNS

APPROVED: *Rayman Alqudwah*

DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 11 **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
M_1	18.4	31.6	30	24
AR_Type A	106.7	21.2	19	29.8

SIGN WIDTH: 12'-0"
HEIGHT: 5'-6"
TOTAL AREA: 66.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"

NO. Z BARS: 2
LENGTH: 136.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
W	E	S	T							Text Length
57.4	9.8	7.1	7.4	6	56.2					E 2000
										30.3
										EN 2000
13.8	13.7	14.1	12.8	8.5	15.2	8.5	8.8	50.6		76.7

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 10 **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
M_1	46.7	61.8	36	36
M1-S-2-24-10C	113.2	61.8	36	36
AR_Type A	205.2	49.8	22.2	34.8

SIGN WIDTH: 20'-6"
HEIGHT: 10'-6"
TOTAL AREA: 215.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 3
LENGTH: 238.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT **CHECKED BY:** **Aug 03, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
W	E	S	T							Text Length
42.7	10.3	13.6	11	9	158.3					E 2000
										43.9
										EN 2000
102.7	11.8	12.8	11.8	11	9.7	86.2				57.1
										EN 2000
13.3	17.8	8.2	15.5	15.2	19.5	14.4	14.4	10.6	16	175.8
										EN 2000
73.8	12.9	16.8	13.8	11.3	117.3					54.9

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 9 **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
M_1	82.4	121	36	36
M1-S-2-24-10C	129.7	121	36	36
AROWN	12.8	11	32.1	22
AROWN	189	11	32.1	22

SIGN WIDTH: 19'-6"
HEIGHT: 15'-6"
TOTAL AREA: 302.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 6
LENGTH: 226.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT **CHECKED BY:** **Aug 03, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
W	E	S	T							Text Length
57.7	14.8	10.7	11	9	130.8					E 2000
										45.5
										EN 2000
116.2	12.5	12.8	11	11	9.7	97.7				57.1
										EN 2000
29.1	17.8	8.2	15.5	15.2	19.5	14.4	14.4	10.6	16	175.8
										EN 2000
15.8	17.4	10.4	17	13.9	10.4	14.1	10.6	16	17.1	202.4
										EN 2000
88.7	17.8	17	11.8	15.5	17	17.6	88.7			96.6

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 8B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
M_1	124	146	36	36
M1-S-2-24-10C	176	146	36	36
AR_Type A	191.4	6.6	20	31.5

SIGN WIDTH: 28'-0"
HEIGHT: 17'-0"
TOTAL AREA: 476.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 6
LENGTH: 328.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3,4

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

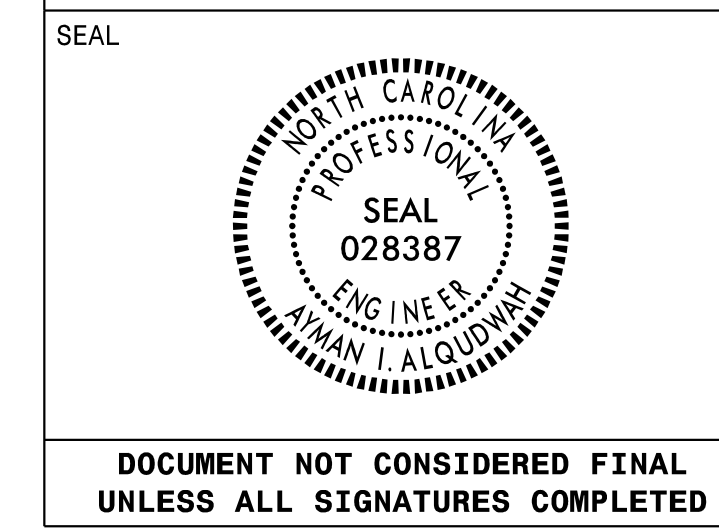
Letter spacings are to start of next letter										Series/Size
W	E	S	T							Text Length
80.1	17.8	8.2	15.5	15.2	19.5	14.4	14.4	10.6	16	175.8
										EN 2000
66.8	17.4	10.4	17	13.9	10.4	14.1	10.6	16	17.1	202.4
										EN 2000
119.7	17.8	17	11.8	15.5	17	17.6	119.7			96.6
										EN 2000
99.9	11.4	13.9	5.1	9	198.6					39.5
										E 2000
188.2	12.8	12.8	10	12.2	96.9					47.9

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

U:\1-5997\1-5997 Map.dgn
 User: mmr0001

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
 DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 14A,17A TYPE: B (OVHD) QUANTITY: 2
 SIGN WIDTH: 10'-0" HEIGHT: 2'-6" TOTAL AREA: 25.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 3"
 NO. Z BARS: 2 LENGTH: 112.0
 BACKG COLOR: Green COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM
 DESIGN BY: MT CHECKED BY: LOCATION: PROJECT ID: I-5997
 Aug 02, 2021 DIV: 5

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

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
E	X	I	T	T	A						E 2000
21.3	8.9	10.7	3.5	7.5	15	12.2	7.5	12.2	21.3		77.4

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 12A,13A,16A TYPE: B (OVHD) QUANTITY: 3
 SIGN WIDTH: 10'-0" HEIGHT: 2'-6" TOTAL AREA: 25.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 3"
 NO. Z BARS: 2 LENGTH: 112.0
 BACKG COLOR: Green COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM
 DESIGN BY: MT CHECKED BY: LOCATION: PROJECT ID: I-5997
 Aug 02, 2021 DIV: 5

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.

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
E	X	I	T	T	A						E 2000
19.7	8.9	10.7	3.5	7.5	15	12.1	7.5	15.3	19.7		88.5

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 14B TYPE: A (OVHD) QUANTITY: 1
 SIGN WIDTH: 24'-0" HEIGHT: 19'-0" TOTAL AREA: 456.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"
 NO. Z BARS: 6 LENGTH: 280.0
 BACKG COLOR: Green COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM
 DESIGN BY: MT CHECKED BY: LOCATION: PROJECT ID: I-5997
 Aug 02, 2021 DIV: 5

USE NOTES: 1,2,3,4
 1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
 4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size						
											Text Length						
W	E	S	T								E 2000						
64.7	14.8	10.7	11	9	157.8						45.5						
N	O	R	T	H							E 2000						
146.2	12.5	12.8	11	11	9.7	64.7					57.1						
G	L	E	N	V	O	O	D	A	V	E	EM 2000						
56.1	17.8	8.2	15.5	15.2	15.5	14.4	14.4	10.6	16	18.2	15.5	10.6	56.1	175.8			
C	R	A	B	T	R	E	V	A	L	L	E	Y		EM 2000			
42.8	17.4	15.4	17	13.9	13.4	10.4	14.1	10.6	18	17.1	17	9.6	8.2	13.8	13.6	42.8	202.4
D	O	R	H	A	N												EM 2000
65.7	17.8	17	11.8	15.5	17	17.6	65.7										96.6
E	X	I	T	O	N	L	Y										E 2000
93.7	11.1	13.4	4.7	9	15	13.5	13.6	10.2	12.2	91.7							102.6

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 12B TYPE: A (OVHD) QUANTITY: 1
 SIGN WIDTH: 25'-0" HEIGHT: 13'-6" TOTAL AREA: 337.5 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"
 NO. Z BARS: 4 LENGTH: 292.0
 BACKG COLOR: Green COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM
 DESIGN BY: MT CHECKED BY: LOCATION: PROJECT ID: I-5997
 Aug 02, 2021 DIV: 5

USE NOTES: 1,2,3
 1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size			
											Text Length			
E	A	S	T								E 2000			
69.7	10.3	13.6	11	9	186.3						43.6			
S	O	U	T	H							E 2000			
126.7	11.8	12.8	11.8	11	9.7	113.2					57.1			
G	L	E	N	V	O	O	D	A	V	E	EM 2000			
40.3	17.8	8.2	15.5	15.2	15.5	14.4	14.4	10.6	16	18.2	15.5	10.6	83.8	175.8
R	I	D	G	E	R	D								EM 2000
70.5	17.3	8.2	15.5	15.5	10.6	16	15.8	10.6	117					108.4

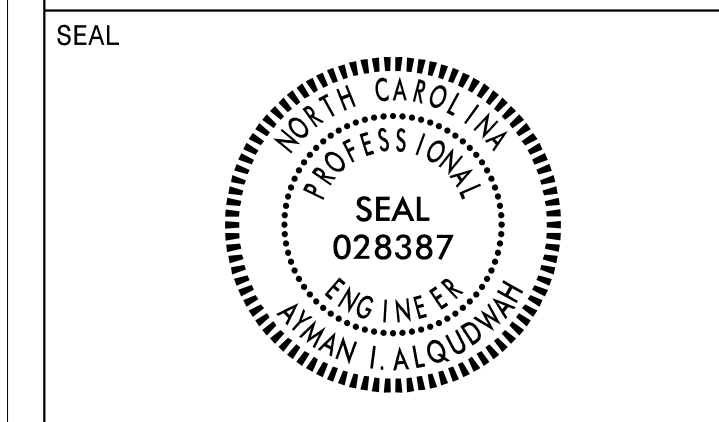
FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

I:\1-5997\1-5997 Map.dgn
 User: mmr0001

SIGN DESIGNS

APPROVED: *Agman Alghudwah*
DocuSigned by:
 F32AC5CAF98472

DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 15A,18A **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
NI_4				
NI-5-2-24-10C				

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

SIGN WIDTH: 14'-6"
HEIGHT: 2'-6"
TOTAL AREA: 36.3 Sq.-Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 2
LENGTH: 166.0

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	122.2

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 13B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
NI_4	74.4	109.5	36	36
NI-5-2-24-10C	141	109.5	36	36

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

SIGN WIDTH: 21'-6"
HEIGHT: 15'-6"
TOTAL AREA: 333.3 Sq.-Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 6
LENGTH: 250.0

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	43.9
E 2000	57.1
EM 2000	175.8
EM 2000	108.4
E 2000	70.1

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 17B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
NI_4	88.4	184	36	36
NI-5-2-24-10C	156.7	184	36	36
ARROW	125.4	8	32	22

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

SIGN WIDTH: 24'-0"
HEIGHT: 22'-0"
TOTAL AREA: 528.0 Sq.-Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 6
LENGTH: 280.0

USE NOTES: 1,2,3,4

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	45.5
E 2000	57.1
EM 2000	175.8
EM 2000	108.4
EM 2000	36.5
EM 2000	47.8

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 15B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
ARROW	104.4	8	32	22

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

SIGN WIDTH: 20'-6"
HEIGHT: 12'-6"
TOTAL AREA: 256.3 Sq.-Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 4
LENGTH: 238.0

USE NOTES: 1,2,3,4

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	184
EM 2000	139
E 2000	52.6
EM 2000	39.5
EM 2000	47.8

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

U:\1-5997\1-5997 Map.dgn
 User: mmr0001

SIGN DESIGNS

APPROVED: *Ayman Aljoudah*
F524GSCAF986472

DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 19A **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White

QUANTITY: 1

SIGN WIDTH: 14'-6"
HEIGHT: 2'-6"
TOTAL AREA: 36.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

NO. Z BARS: 2
LENGTH: 166.0

DESIGN BY: MT **CHECKED BY:** MT **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size		
													Text Length		
E	I	T	S	T	R	.	A						E 2000		
25.9	8.9	10.7	9.5	8.6	6.1	15	12.2	7.5	12.2	7.5	5.3	7.5	15.3	25.9	122.2

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 18B,27B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White

QUANTITY: 2

SIGN WIDTH: 20'-6"
HEIGHT: 12'-6"
TOTAL AREA: 256.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 4
LENGTH: 238.0

DESIGN BY: MT **CHECKED BY:** MT **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2,3,4

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields: A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	
													Text Length	
S	I	T	F	O	R	D							E 2000	
41	17.9	8.2	12.8	16	14.7	15.8	11.8	13.8	10.6	16	15.8	10.6	41	164

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 19B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White

QUANTITY: 1

SIGN WIDTH: 24'-0"
HEIGHT: 17'-0"
TOTAL AREA: 408.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 6
LENGTH: 280.0

DESIGN BY: MT **CHECKED BY:** MT **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	
													Text Length	
G	I	E	N	V	O	D	A	V	E				E 2000	
56.1	17.8	8.2	15.5	15.2	19.3	14.4	14.4	10.6	16	18.2	15.5	10.6	56.1	175.9

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 16B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White

QUANTITY: 1

SIGN WIDTH: 21'-6"
HEIGHT: 16'-0"
TOTAL AREA: 344.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 6
LENGTH: 250.0

DESIGN BY: MT **CHECKED BY:** MT **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields: A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
E	A	S	T										E 2000
70.5	10.3	13.6	11	9	140.6								43.9

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

I:\1-5997\1-5997 Map.dgn
 User: mmr00001

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
P23CNC3AF95472

DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 20A,22A,26A,27A,31A BACKG COLOR: Green
TYPE: B (OVHD) COPY COLOR: White
QUANTITY: 5
SIGN WIDTH: 10'-0" HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 3"
NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 112.0

SYMBOL	X	Y	WID	HT

DESIGN BY: MT CHECKED BY: Aug 02, 2021
PROJECT ID: I-5997 LOCATION: DIV: 5

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade A 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

Series/Size	Text Length	E	X	I	T	B	A															
E 2000	71.4	21.3	8.9	10.7	8.5	7.5	15	12.2	7.5	12.2	21.3											

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 21A,23A,25A BACKG COLOR: Green
TYPE: B (OVHD) COPY COLOR: White
QUANTITY: 3
SIGN WIDTH: 10'-0" HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 3"
NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 112.0

SYMBOL	X	Y	WID	HT

DESIGN BY: MT CHECKED BY: Aug 02, 2021
PROJECT ID: I-5997 LOCATION: DIV: 5

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade A 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

Series/Size	Text Length	E	X	I	T	B	A															
E 2000	88.6	19.7	8.9	10.7	8.5	7.5	15	12.2	7.5	15.3	19.7											

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 20B BACKG COLOR: Green
TYPE: A (OVHD) COPY COLOR: White
QUANTITY: 1
SIGN WIDTH: 20'-6" HEIGHT: 12'-0"
TOTAL AREA: 246.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 9"
NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 238.0

SYMBOL	X	Y	WID	HT

DESIGN BY: MT CHECKED BY: Aug 02, 2021
PROJECT ID: I-5997 LOCATION: DIV: 5

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade A 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

Series/Size	Text Length	S	I	X	F	O	R	K	S	R	D												
E 2000	164	41	17.9	8.2	12.8	16	14.7	15.8	11.8	13.8	10.6	16	15.8	10.6	41								
E 2000	71.4	87.3	15.6	16.1	13.8	13.8	12.2	87.3															
E 2000	139	53.5	17	15.8	10.2	13.4	10.6	16	18.4	9.8	9.8	7.8	10.6	53.5									
E 2000	76.1	14	14																				

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 21B, 23B BACKG COLOR: Green
TYPE: A (OVHD) COPY COLOR: White
QUANTITY: 2
SIGN WIDTH: 24'-6" HEIGHT: 7'-0"
TOTAL AREA: 171.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 9"
NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 286.0

SYMBOL	X	Y	WID	HT

DESIGN BY: MT CHECKED BY: Aug 02, 2021
PROJECT ID: I-5997 LOCATION: DIV: 5

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length	S	I	X	F	O	R	K	S	R	D												
E 2000	164	43.5	17.9	8.2	12.8	16	14.7	15.8	11.8	13.8	10.6	16	15.8	10.6	86.7								
E 2000	71.4	88.6	14.7	16.1	14.7	13.8	12.2	133															

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

I:\1-5997\1-5997 Map.dgn
User: mmr0001

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
 DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 203,204,205,206 **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 4

SYMBOL	X	Y	WID	HT
AR_Type A	24.5	8	18.6	29.2

SIGN WIDTH: 6'-0"
HEIGHT: 5'-0"
TOTAL AREA: 30.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 2
LENGTH: 64.0

DESIGN BY: MT **CHECKED BY:** **Jun 17, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	X	I	T	Series/Size
	17.6	10.7	12.8	4.2	9
	17.6				17.6
					36.7

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 258 **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 20'-6"
HEIGHT: 7'-0"
TOTAL AREA: 143.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 2
LENGTH: 238.0

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	S	I	X	F	O	R	K	S	R	D	Series/Size
	41	17.6	8.2	12.8	16	14.7	15.8	11.8	13.8	10.6	16
											164
											71.4
											139
											39.5
											47.9

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 228,268 **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
AR_Type A	130.4	6.6	20	31.5

SIGN WIDTH: 24'-6"
HEIGHT: 12'-6"
TOTAL AREA: 306.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 4
LENGTH: 286.0

DESIGN BY: MT **CHECKED BY:** **Aug 02, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

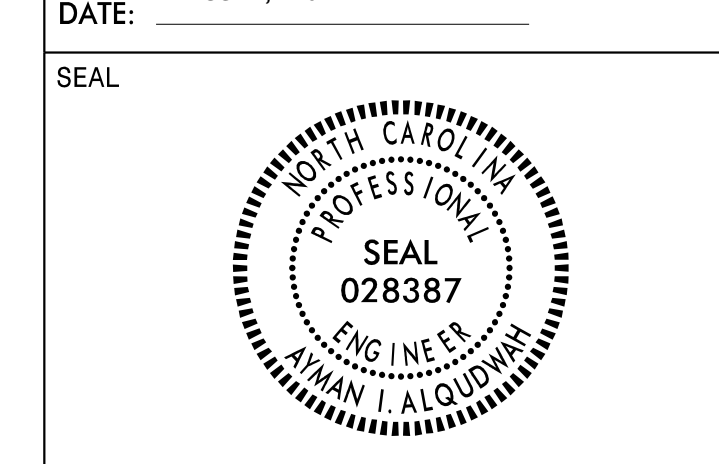
Letter spacings are to start of next letter

	S	I	X	F	O	R	K	S	R	D	Series/Size
	65	17.6	8.2	12.8	16	14.7	15.8	11.8	13.8	10.6	16
											164
											71.4
											139
											39.5
											47.9

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
FRANCISCAFRANZ
 DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 201
TYPE: A
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 6'-0"
TOTAL AREA: 36.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADIUS: 6"
NO. Z BARS: 2
LENGTH: 64.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	43	12	18.6	28.2

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT
PROJECT ID: I-5997
CHECKED BY:
LOCATION:
Aug 03, 2021
DIV: 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
E	X	I	T							E 2000
15.6	10.7	12.8	4.2	9	17.6					36.7
6										E 2000
14.1	14.6	40.4								14.6

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 202
TYPE: A
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 6'-0"
TOTAL AREA: 36.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADIUS: 6"
NO. Z BARS: 2
LENGTH: 64.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	43	12	18.6	28.2

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT
PROJECT ID: I-5997
CHECKED BY:
LOCATION:
Aug 03, 2021
DIV: 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
E	X	I	T							E 2000
17.6	10.7	12.8	4.2	9	17.6					36.7
7										E 2000
14.1	14.6	40.4								14.6

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 207
TYPE: A
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 6'-0"
TOTAL AREA: 45.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADIUS: 6"
NO. Z BARS: 2
LENGTH: 82.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	59.5	17	18.6	28.2

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT
PROJECT ID: I-5997
CHECKED BY:
LOCATION:
Aug 03, 2021
DIV: 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
E	X	I	T							E 2000
26.6	10.7	12.8	4.2	9	26.6					36.7
7	A									E 2000
12.6	17.1	18.4	42							35.5

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 208
TYPE: A
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 6'-0"
TOTAL AREA: 45.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADIUS: 6"
NO. Z BARS: 2
LENGTH: 82.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	59.5	17	18.6	28.2

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT
PROJECT ID: I-5997
CHECKED BY:
LOCATION:
Aug 03, 2021
DIV: 5

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
E	X	I	T							E 2000
26.6	10.7	12.8	4.2	9	26.6					36.7
7	B									E 2000
12.6	16.7	14.6	44.1							33.3

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

12/01/21
 U:\1-5997\1-5997 Map.dgn
 User:mmr0001

SIGN DESIGNS

APPROVED: *Asman Aljoudah*

DATE: Dec 7, 2021

SEAL



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 29A,32A **BACKG COLOR:** Green **DESIGN BY:** MT **CHECKED BY:** **Aug 03, 2021**
TYPE: B (OVHD) **COPY COLOR:** White **PROJECT ID:** I-5997 **LOCATION:** **DIV:** 5

QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 7'-6"
HEIGHT: 2'-6"
TOTAL AREA: 18.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 82.0

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	58.1

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 24A,28A,30A,35A **BACKG COLOR:** Green **DESIGN BY:** MT **CHECKED BY:** **Aug 03, 2021**
TYPE: B (OVHD) **COPY COLOR:** White **PROJECT ID:** I-5997 **LOCATION:** **DIV:** 5

QUANTITY: 4

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 8'-6"
HEIGHT: 2'-6"
TOTAL AREA: 21.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 94.0

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	66.2

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 29B **BACKG COLOR:** Green **DESIGN BY:** MT **CHECKED BY:** **Aug 03, 2021**
TYPE: A (OVHD) **COPY COLOR:** White **PROJECT ID:** I-5997 **LOCATION:** **DIV:** 5

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M_1	68.5	141.4	36	36
M_1	138.2	141.4	45	36

SIGN WIDTH: 19'-6"
HEIGHT: 19'-0"
TOTAL AREA: 370.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 6 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 226.0

USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	71.4
EM 2000	196.3
E 2000	156
EM 2000	153.9
EM 2000	123.5
E 2000	92.6

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 24B **BACKG COLOR:** Green **DESIGN BY:** MT **CHECKED BY:** **Aug 03, 2021**
TYPE: A (OVHD) **COPY COLOR:** White **PROJECT ID:** I-5997 **LOCATION:** **DIV:** 5

QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR000	122.6	6	12	22

SIGN WIDTH: 24'-0"
HEIGHT: 7'-0"
TOTAL AREA: 168.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 280.0

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

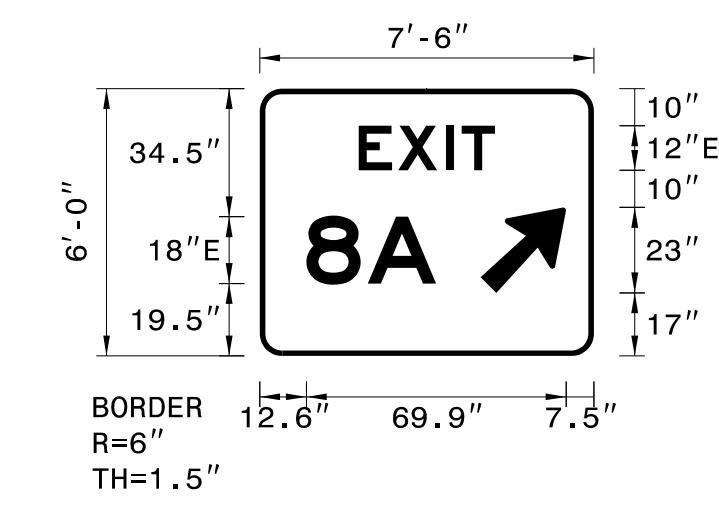
Series/Size	Text Length
EM 2000	196.3
E 2000	73.1
EM 2000	37
EM 2000	47.8

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

I:\1-5997\1-5997 Map.dgn
 User: mmr00001

SIGN DESIGNS

SIGN NUMBER: 209 TYPE: A BACKG COLOR: Green COPY COLOR: White DESIGN BY: MT CHECKED BY: LOCATION: Aug 03, 2021 DIV: 5
 QUANTITY: 1 SYMBOL X Y WID HT
 SIGN WIDTH: 7'-6" HEIGHT: 6'-0" TOTAL AREA: 45.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 6"
 NO. Z BARS: 2 LENGTH: 82.0 MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2,3
 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.
 3. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

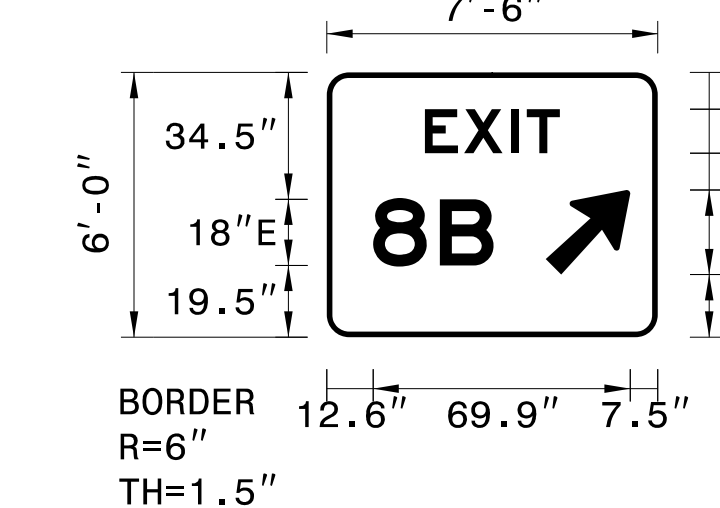
LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	36.7
E 2000	34.5

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 210,211 TYPE: A BACKG COLOR: Green COPY COLOR: White DESIGN BY: MT CHECKED BY: LOCATION: Aug 03, 2021 DIV: 5
 QUANTITY: 2 SYMBOL X Y WID HT
 SIGN WIDTH: 7'-6" HEIGHT: 6'-0" TOTAL AREA: 45.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 6"
 NO. Z BARS: 2 LENGTH: 82.0 MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2,3
 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.
 3. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

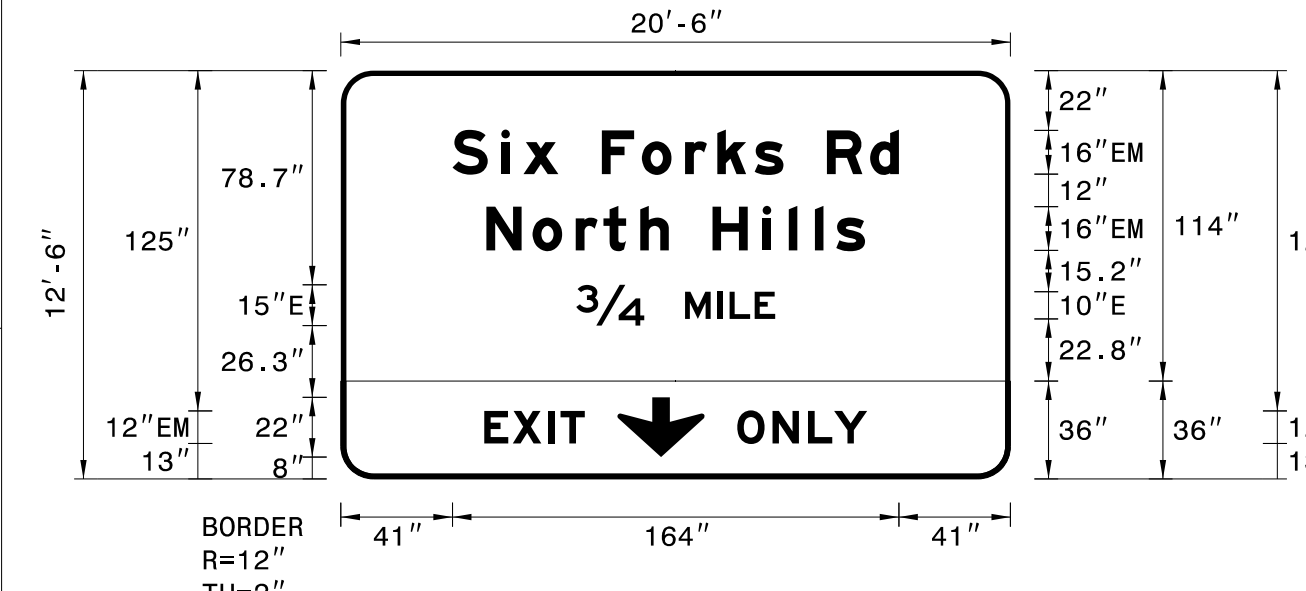
LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	36.7
E 2000	34.5

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 31B TYPE: A (OVHD) BACKG COLOR: Green COPY COLOR: White DESIGN BY: MT CHECKED BY: LOCATION: Aug 03, 2021 DIV: 5
 QUANTITY: 1 SYMBOL X Y WID HT
 SIGN WIDTH: 20'-6" HEIGHT: 12'-6" TOTAL AREA: 256.3 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"
 NO. Z BARS: 4 LENGTH: 238.0 MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2,3
 1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

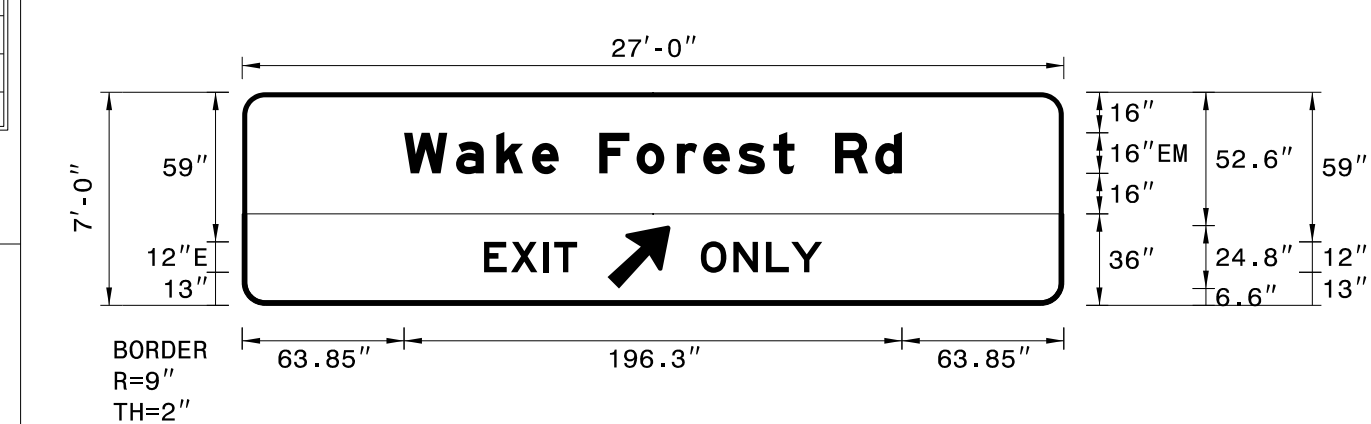
LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	164
EM 2000	139
E 2000	75.1
EM 2000	37
EM 2000	47.8

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 30B,37B TYPE: A (OVHD) BACKG COLOR: Green COPY COLOR: White DESIGN BY: MT CHECKED BY: LOCATION: Aug 03, 2021 DIV: 5
 QUANTITY: 2 SYMBOL X Y WID HT
 SIGN WIDTH: 27'-0" HEIGHT: 7'-0" TOTAL AREA: 189.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9"
 NO. Z BARS: 2 LENGTH: 316.0 MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2,3
 1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	196.3
E 2000	36.7
E 2000	47.8

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

APPROVED: *Ayman Alqudwah*
 DATE: Dec 7, 2021

SEAL

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 34 **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 24'-0"
HEIGHT: 8'-6"
TOTAL AREA: 204.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 3
LENGTH: 280.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT **CHECKED BY:** **Aug 03, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

BORDER R=12" TH=2"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length	W	a	k	e	F	o	r	e	s	t	R	d				
EM 2000	196.3	15.8	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16	15.8	10.6	76
EM 2000	23.4	248.9	23.4	15.8													
EM 2000	164	15.8	17.8	8.2	12.8	16	14.7	15.8	11.8	13.8	10.6	16	15.8	10.6	108.4		
EM 2000	38.2	236.1	4.8	8	23.4	15.8											
EM 2000	175.8	15.8	17.8	8.2	15.3	15.2	18.5	14.4	14.4	10.6	16	18.2	15.5	10.6	96.5		
EM 2000	44.4	228	13	8	23.4	15.8											

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 32B **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 19'-6"
HEIGHT: 22'-0"
TOTAL AREA: 429.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 6
LENGTH: 226.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT **CHECKED BY:** **Aug 03, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

BORDER R=12" TH=2"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length	W	a	k	e	F	o	r	e	s	t	R	d		
EM 2000	71.4	50.8	15.8	16.1	13.8	13.8	12.2	111.8							
EM 2000	156	39	16	17	15.5	8	12	17	3.2	16	17.4	7.8	15.5	10.6	39
EM 2000	153.9	40	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	40	
EM 2000	123.5	55.2	13.8	15.8	17	7.8	15.5	15.5	17	10.4	10.6	55.2			
EM 2000	73.1	80.5	25	15	12	4.4	9.2	7.5	80.5						
EM 2000	37	46.6	10.6	13	4.6	6.9	150.4								
EM 2000	47.8	139.6	13	13.1	9.6	12.1	46.6								

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 33 **BACKG COLOR:** Green
TYPE: A (OVHD) **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 24'-0"
HEIGHT: 8'-6"
TOTAL AREA: 204.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 3
LENGTH: 280.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MT **CHECKED BY:** **Aug 03, 2021**
PROJECT ID: I-5997 **LOCATION:** **DIV:** 5

BORDER R=12" TH=2"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length	C	a	p	i	t	a	l	B	l	v	d			
EM 2000	156	25.2	16	17	15.5	8	12	17	3.2	16	17.4	7.8	15.5	10.6	106.8
EM 2000	26.6	236.2	26.6	25.2											
EM 2000	144	25.2	18.6	15.8	17	14.1	15.5	10.1	10.6	16	15.8	10.6	118.8		
EM 2000	38.2	226.6	4.8	8	23.4	25.2									
EM 2000	177.3	25.2	17	13.8	16.3	16	16	15.5	11.8	10.6	16	18.2	15.5	10.6	65.6
EM 2000	44.4	218.4	13	8	23.4	25.2									

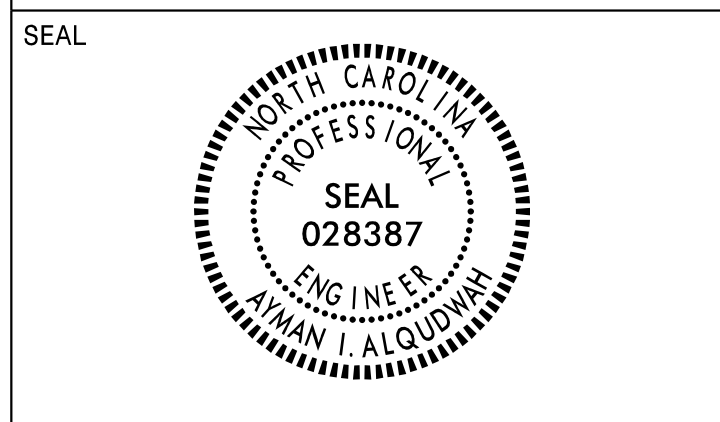
FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

U:\1-5997\1-5997 Map.dgn
 User: mmr0001

SIGN DESIGNS

APPROVED: *Asman Alqudwah*

DATE: Dec 7, 2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 37A **BACKG COLOR:** Green **DESIGN BY:** MT **CHECKED BY:** **Aug 03, 2021**
TYPE: B (OVHD) **COPY COLOR:** White **PROJECT ID:** I-5997 **LOCATION:** **DIV:** 5

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 10'-0"
HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 2
LENGTH: 112.0

USE NOTES: 1,2

1. Legend and border(except those that are colored black) shall be direct applied Grade A 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											Series/Size
E	X	I	T	1	0						Text Length
26.9	8.9	10.7	3.5	7.5	15	8	12.8	26.9			E 2000
											66.2

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 36A **BACKG COLOR:** Green **DESIGN BY:** MT **CHECKED BY:** **Aug 03, 2021**
TYPE: A (OVHD) **COPY COLOR:** White **PROJECT ID:** I-5997 **LOCATION:** **DIV:** 5

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 14'-6"
HEIGHT: 2'-6"
TOTAL AREA: 36.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 2
LENGTH: 166.0

USE NOTES: 1,2

1. Legend and border(except those that are colored black) shall be direct applied Grade A 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													Series/Size		
E	X	I	T	S	B	B	.	A					Text Length		
26.9	8.9	10.7	3.5	8.6	8.1	15	12.2	7.5	12.2	7.5	5.3	7.5	15.3	26.9	E 2000
													122.2		

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 288,358 **BACKG COLOR:** Green **DESIGN BY:** MT **CHECKED BY:** **Aug 03, 2021**
TYPE: A (OVHD) **COPY COLOR:** White **PROJECT ID:** I-5997 **LOCATION:** **DIV:** 5

QUANTITY: 2

SYMBOL	X	Y	WID	HT
ADORN	122.6	8	32	22

SIGN WIDTH: 24'-0"
HEIGHT: 7'-6"
TOTAL AREA: 180.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 3
LENGTH: 280.0

USE NOTES: 1,2,3

1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter														Series/Size		
W	a	k	e	F	o	r	e	s	t	R	d			Text Length		
45.8	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16	15.8	10.6	45.8	EN 2000
														196.3		
														EN 2000		
73.8	10.8	13	4.8	8.9	177.4									37		
														EN 2000		
196.6	13	13.1	9.6	12.1	73.8									47.8		

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 368 **BACKG COLOR:** Green **DESIGN BY:** MT **CHECKED BY:** **Aug 03, 2021**
TYPE: A (OVHD) **COPY COLOR:** White **PROJECT ID:** I-5997 **LOCATION:** **DIV:** 5

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 20'-6"
HEIGHT: 7'-0"
TOTAL AREA: 143.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: 2
LENGTH: 238.0

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

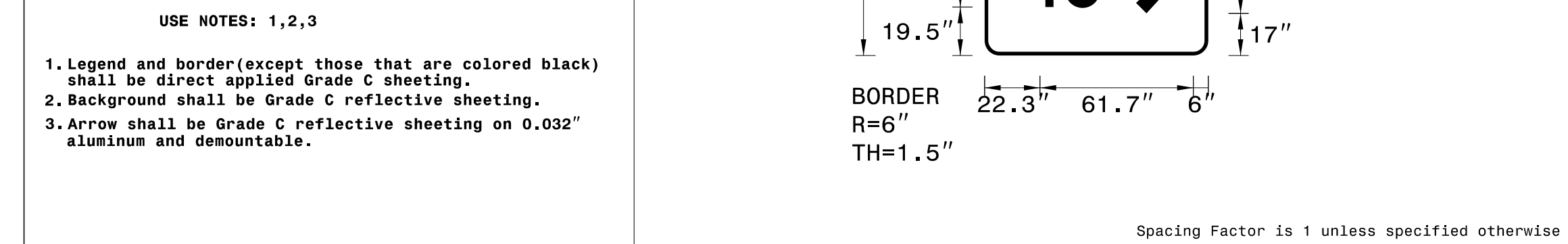
Letter spacings are to start of next letter													Series/Size	
S	i	x	F	o	r	k	s	R	d				Text Length	
41	17.9	8.2	12.8	16	14.7	15.8	11.8	13.8	10.6	16	15.8	10.6	41	EN 2000
													164	
													EN 2000	
53.5	17	15.6	10.2	13.4	10.6	16	18.4	9.6	9.6	7.8	10.6	53.5	EN 2000	
													128	
													EN 2000	
77.2	4.5	7.5	22	15	12	4.4	9.2	8.9	8.1	77.2			E 2000	
													91.6	

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

U:\1-5997\1-5997 Map.dgn
 User: mmr0001

SIGN DESIGNS

SIGN NUMBER: 212,213 BACKG COLOR: Green DESIGN BY: MT CHECKED BY: Aug 16, 2021
 TYPE: A COPY COLOR: White PROJECT ID: I-5997 LOCATION: DIV: 5
 QUANTITY: 2
 SIGN WIDTH: 7'-6"
 HEIGHT: 6'-0"
 TOTAL AREA: 45.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 6"
 NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 82.0



USE NOTES: 1,2,3

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.

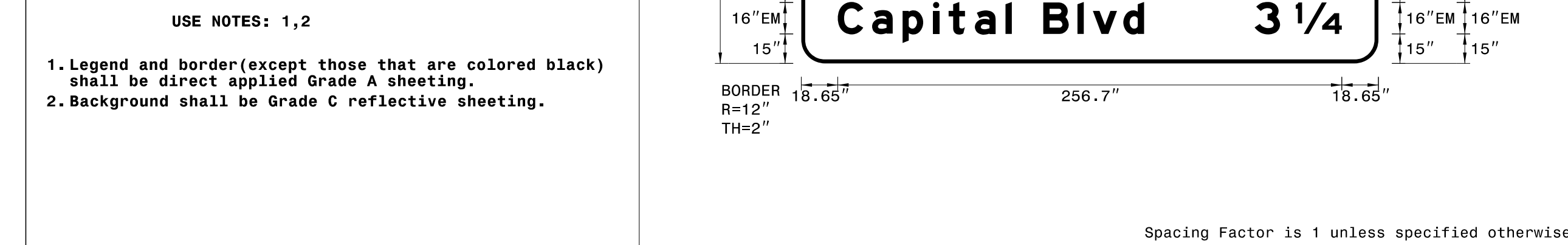
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size	
											Text Length	
E	X	I	T								26.6	36.7
1	0										22.3	24.7

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 39 BACKG COLOR: Green DESIGN BY: MT CHECKED BY: Aug 16, 2021
 TYPE: A (OVHD) COPY COLOR: White PROJECT ID: I-5997 LOCATION: DIV: 5
 QUANTITY: 1
 SIGN WIDTH: 24'-6"
 HEIGHT: 8'-6"
 TOTAL AREA: 208.3 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 286.0



USE NOTES: 1,2

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

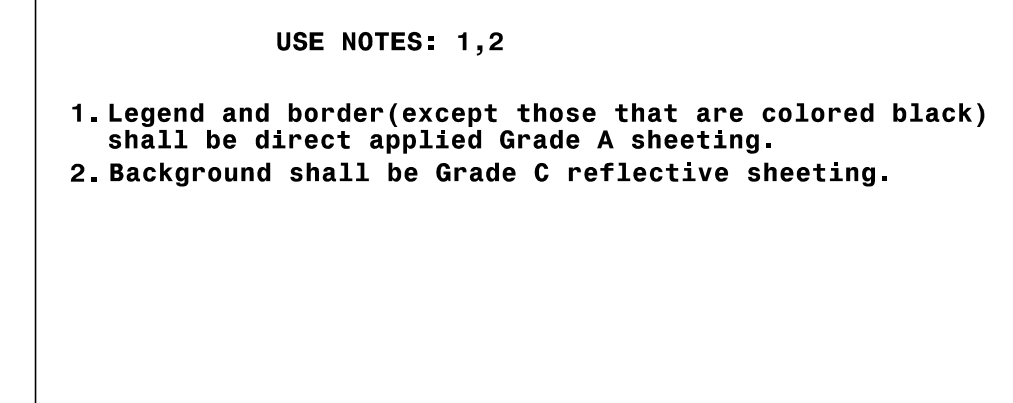
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter														Series/Size	
														Text Length	
S	I	X	F	O	R	K	S	R	D					18.6	164
1														248.7	26.6
W	A	K	E	F	O	R	E	S	T	R	D			18.6	196.3
2														231	13
C	A	P	I	T	A	L	B	L	V	D				18.6	156
3														231	41.4

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 40 BACKG COLOR: Green DESIGN BY: MT CHECKED BY: Aug 16, 2021
 TYPE: A (OVHD) COPY COLOR: White PROJECT ID: I-5997 LOCATION: DIV: 5
 QUANTITY: 1
 SIGN WIDTH: 23'-6"
 HEIGHT: 8'-6"
 TOTAL AREA: 199.8 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 274.0



USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter														Series/Size	
														Text Length	
G	L	E	N	W	O	D	A	V	E					7.1	175.8
1														237.2	4.8
R	I	D	G	E	R	D								7.1	109.4
1														238.6	36.2
L	A	K	E	B	O	O	N	E	T	R	A	I	L	7.1	215.7
3														238.6	13

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 41 BACKG COLOR: Green DESIGN BY: MT CHECKED BY: Aug 16, 2021
 TYPE: A (OVHD) COPY COLOR: White PROJECT ID: I-5997 LOCATION: DIV: 5
 QUANTITY: 1

SYMBOL	X	Y	WID	HT


SIGN WIDTH: 24'-6"
 HEIGHT: 8'-6"
 TOTAL AREA: 208.3 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"

NO. Z BARS: 3
 LENGTH: 286.0

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 A 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															Series/Size	
W	a	k	e	F	o	r	e	s	t	R	d				Text Length	
18.6	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16	15.8	10.6	79	EN 2000 198.3
	12															EN 2000 23.4
251.9	23.4	18.6														EN 2000 196
18.6	16	17	15.5	8	12	17	3.2	16	17.4	7.8	15.5	10.6	119.4			EN 2000 39.4
	1		3/4													EN 2000 144
235.9	4.8	8	26.6	18.6												EN 2000 109.4
18.6	18.6	15.8	17	14.1	15.5	10.1	10.6	16	15.8	10.6	131.4					EN 2000 44.4
	2		1/2													EN 2000 47.6
231	13	8	23.4	18.6												EN 2000 47.6

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 42 BACKG COLOR: Green DESIGN BY: MT CHECKED BY: Aug 16, 2021
 TYPE: A (OVHD) COPY COLOR: White PROJECT ID: I-5997 LOCATION: DIV: 5
 QUANTITY: 1

SYMBOL	X	Y	WID	HT

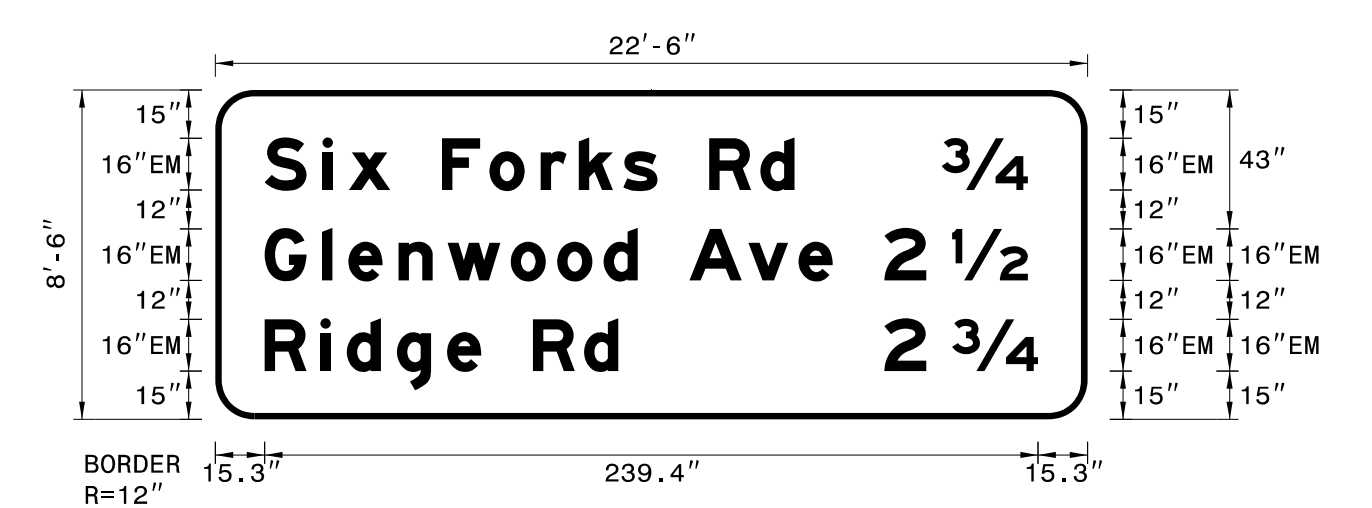
SIGN WIDTH: 22'-6"
 HEIGHT: 8'-6"
 TOTAL AREA: 191.3 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"

NO. Z BARS: 3
 LENGTH: 262.0

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 A sheeting.
 2. Background shall be Grade C reflective sheeting.



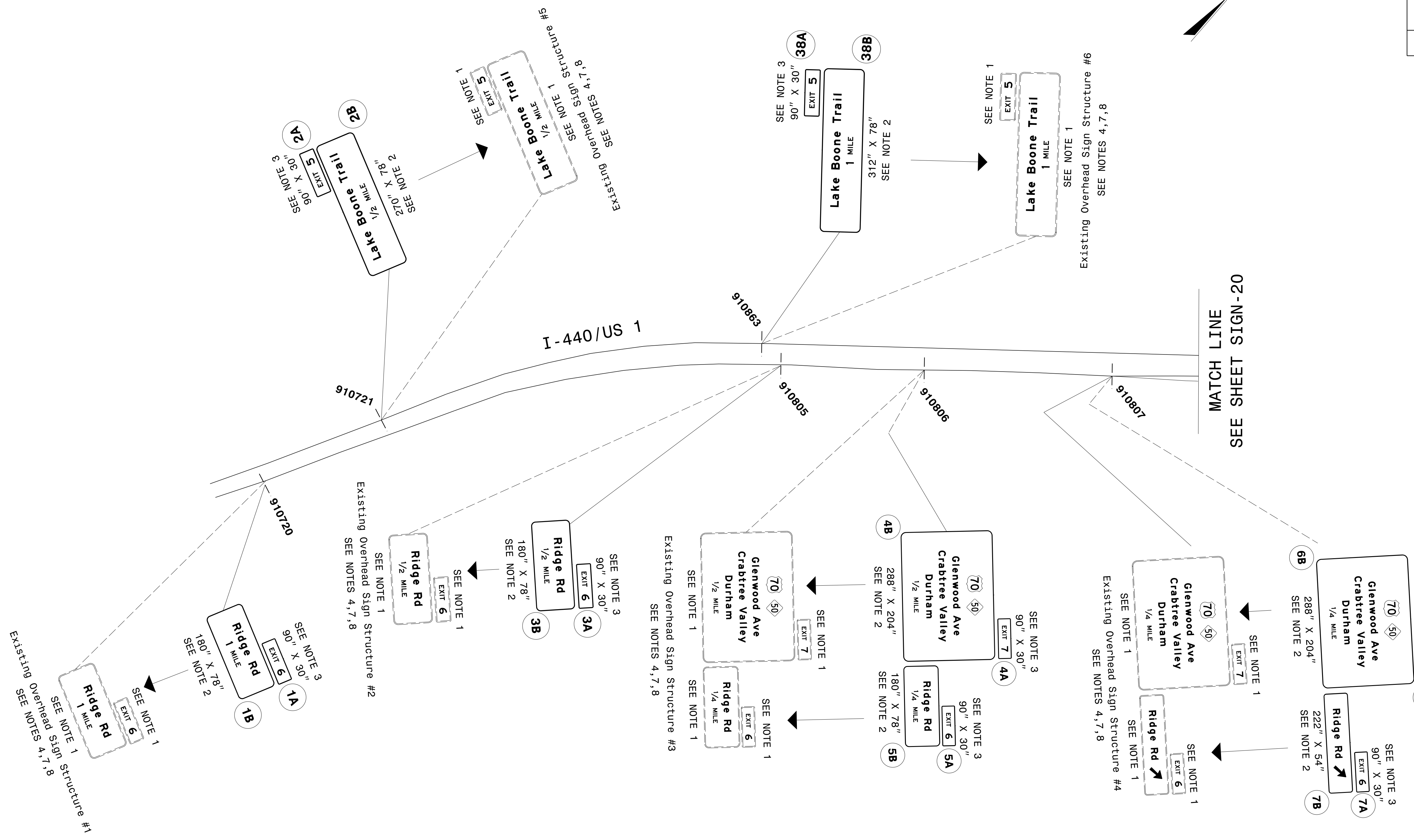
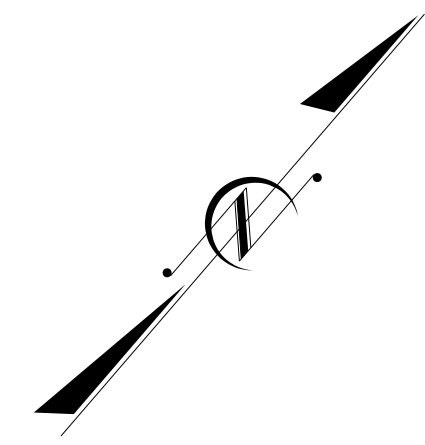
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

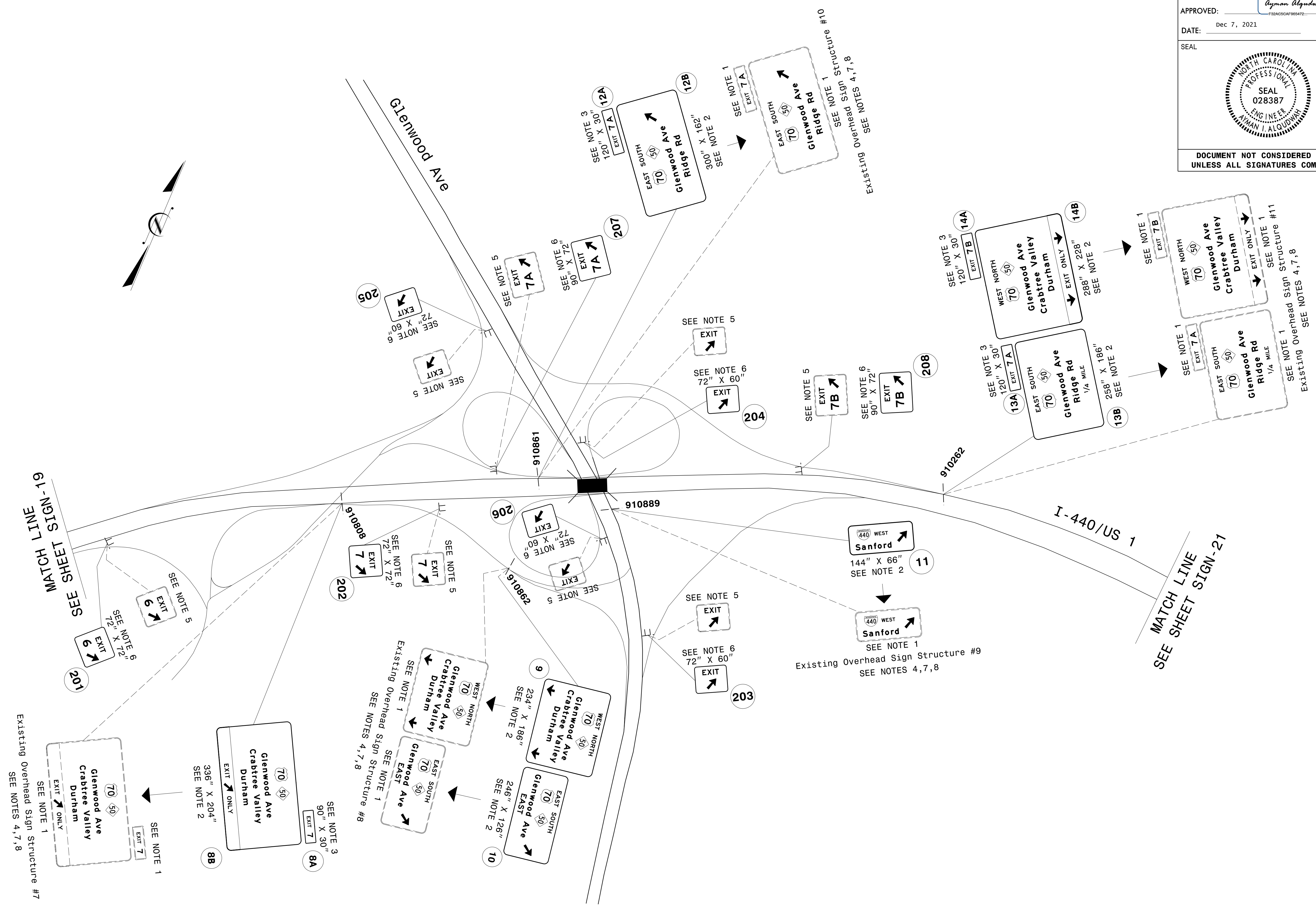
Letter spacings are to start of next letter															Series/Size	
S	i	x	F	o	r	k	s	R	d						Text Length	
15.3	17.3	8.2	12.8	16	14.7	15.8	11.8	13.8	10.6	16	15.8	10.6	90.7			EN 2000 164
	3/4															EN 2000 26.6
224.9	26.6	18.6														EN 2000 175.8
15.3	17.8	8.2	15.5	15.2	19.5	14.4	14.4	10.6	16	18.2	15.5	10.6	78.9			EN 2000 44.4
	2		1/2													EN 2000 109.4
207.1	13	8	23.4	18.6												EN 2000 47.6
15.3	17.3	8.2	15.5	15.5	19.5	16	15.8	10.6	145.3							EN 2000 47.6
	2		3/4													EN 2000 47.6
207.1	13	8	26.6	15.3												EN 2000 47.6

FILENAME: I-5997 Map NORTH CAROLINA D.O.T. SIGN DETAIL

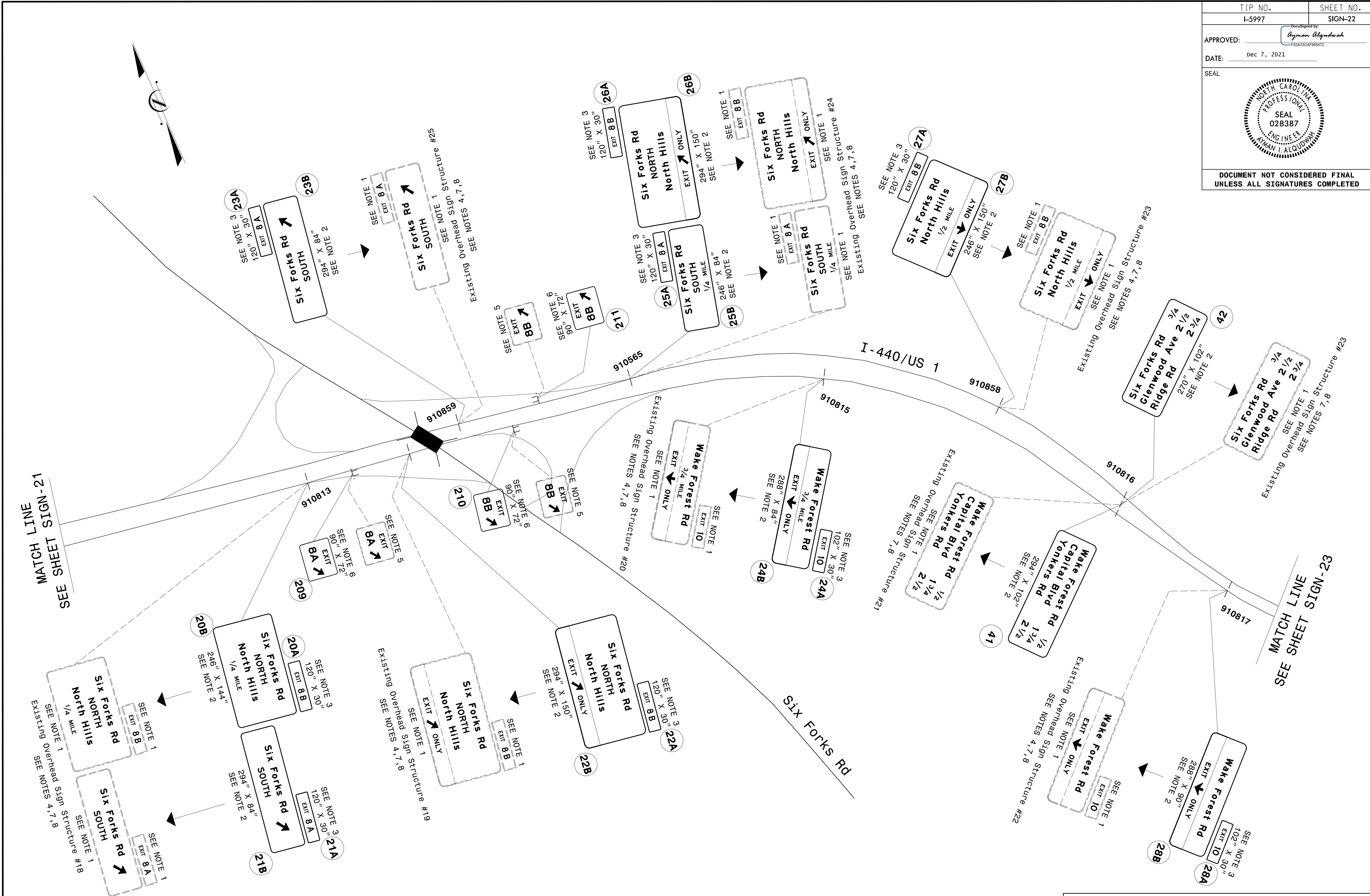
SIGN DESIGNS



**EXISTING AND PROPOSED SIGNS
I-440/US 1**



**EXISTING AND PROPOSED SIGNS
I-440/US 1**



**EXISTING AND PROPOSED SIGNS
I-440/US 1**

