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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

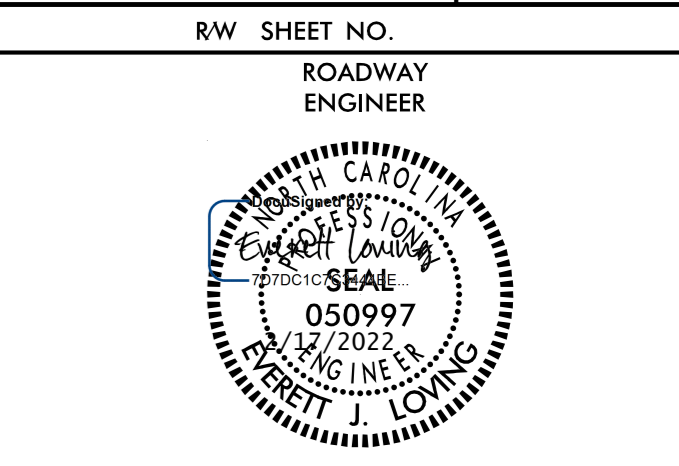
Kimley » Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO. SHEET NO.
I-5973 SIGN-1



DOCUMENT NOT CONSIDERED FINAL
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SIGNING PLAN
MECKLENBURG COUNTY

LOCATION: NC 16 (BROOKSHIRE BLVD) AND NORTHERN I-485 INTERCHANGE

REVISIONS

ROADWAY STANDARD DRAWINGS

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 - WELDED STUD CONSTRUCTION
901.20	TYPE 'B' SIGNS - WELDED STUD CONSTRUCTION
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS
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 CONTRACTOR.
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- 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.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION, SIGNING, OR PAVEMENT MARKING. SEE TRAFFIC MANAGEMENT PLANS.

SUMMARY OF QUANTITIES

ITEM NO.	DESC. NO.	SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4025000000	901		CONTRACTOR FURNISHED TYPE 'A' SIGN.....	32.5	SF
4025000000	901		CONTRACTOR FURNISHED TYPE 'D' SIGN.....	28	SF
4025000000	901		CONTRACTOR FURNISHED TYPE 'E' SIGN.....	62	SF
4025000000	901		CONTRACTOR FURNISHED TYPE 'F' SIGN.....	74	SF
4048000000	902		REINFORCED CONCRETE SIGN FOUNDATIONS.....	1	CY
4054000000	902		PLAIN CONCRETE SIGN FOUNDATIONS.....	1	CY
4060000000	903		SUPPORTS, BREAKAWAY STEEL BEAM.....	1447	LB
4072000000	903		SUPPORTS, 3-LB STEEL U-CHANNEL.....	590	LF
4096000000	904		SIGN ERECTION, TYPE D.....	1	EA
4102000000	904		SIGN ERECTION, TYPE E.....	11	EA
4108000000	904		SIGN ERECTION, TYPE F.....	12	EA
4110000000	904		SIGN ERECTION, TYPE A (GROUND MOUNTED).....	1	EA
4116100000	904		SIGN ERECTION, RELOCATE TYPE 'A' (GROUND MOUNTED).....	3	EA
4116100000	904		SIGN ERECTION, RELOCATE TYPE 'E' (GROUND MOUNTED).....	19	EA
4116100000	904		SIGN ERECTION, RELOCATE TYPE 'F' (GROUND MOUNTED).....	2	EA
4082100000	906		SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 19+90 RT.....	1	LS
4082100000	906		SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 21+07 LT.....	1	LS
4082100000	906		SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 30+40 LT.....	1	LS
4082100000	906		SUPPORTS, OVERHEAD SIGN STRUCTURE AT -LRPA- STA 23+00 RT.....	1	LS
4143000000	907		DISPOSAL OF SUPPORT, OVERHEAD STRUCTURE.....	1	EA
4148000000	907		DISPOSAL OF SIGN SYSTEM, OVERHEAD STRUCTURE.....	1	EA
4155000000	907		DISPOSAL OF SIGN SYSTEM, U-CHANNEL.....	6	EA
4192000000	907		DISPOSAL OF SUPPORT, U-CHANNEL.....	28	EA
4228000000	907		STOCKPILE SIGN, A OR B (OVERHEAD).....	2	EA

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	TYPE 'A' AND 'B' GROUND MOUNTED SIGNS
SIGN-3A - SIGN-3D	OVERHEAD SIGN ASSEMBLIES
SIGN-4A - SIGN-4B	SIGN DESIGNS
SIGN-5	TYPE 'E' & 'F' SIGNS
SIGN-6 - SIGN-9	SIGNING PLAN SHEETS

PLAN PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC:

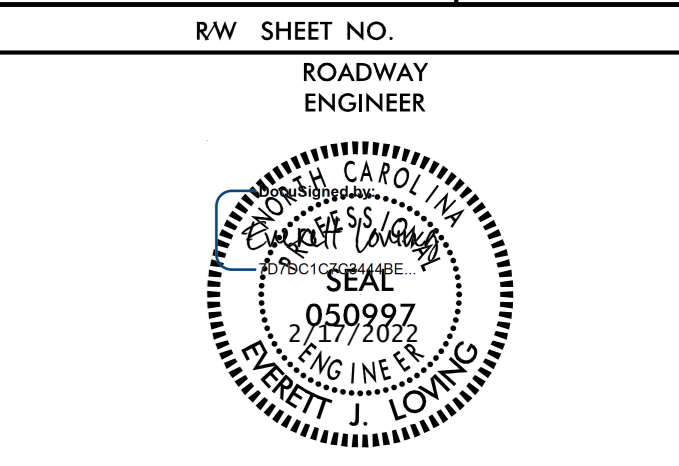
EVERETT LOVING, P.E. SENIOR TRANSPORTATION ENGINEER

JACK CRINO, EIT TRANSPORTATION DESIGNER

Kimley » Horn

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10/13/2021



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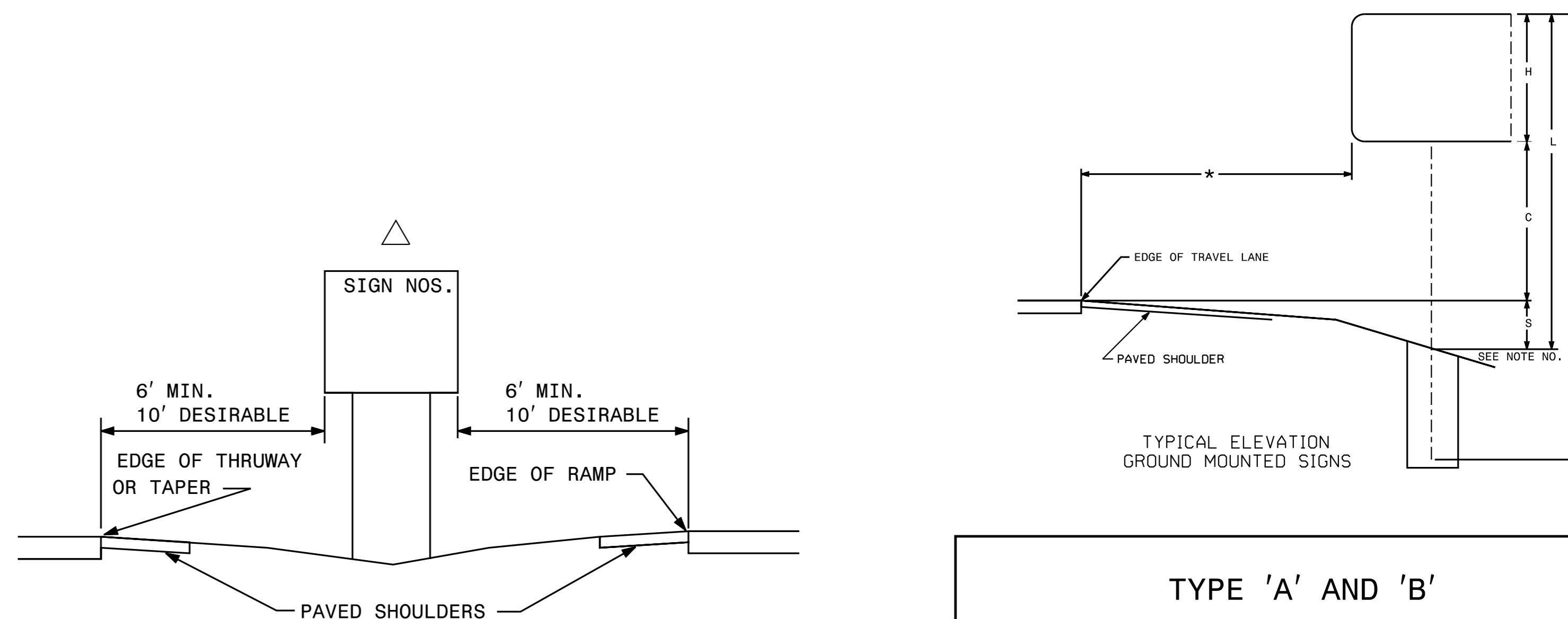
TYPE 'A' AND 'B' GROUND MOUNTED SIGNS

SUPPORT CHART

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										"H"	"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.)	
201	A	78	x	60	L 33+50	1	W6x16	BA	N/A	N/A	N/A	Δ	0.00	5.00	7.00	2.5	0.00	0.00	0.00	0.89	12.89	15.39	0.00	0.00	0.00	293.24	0	1.5	3	0.20	0.00	8/10/2021
301	D	96	x	42	LRPC 26+00	2	S3x5.7	BA	N/A	N/A	N/A	14.00	4.69	3.50	7.00	2.5	1.34	11.84	14.34	0.00	0.00	0.00	2.34	12.84	15.34	205.18	0	1.0	3	0.00	0.17	8/10/2021
901	A	90	x	72	LRPA 21+60	2	S4x7.7	BA	N/A	N/A	N/A	16.00	4.40	6.00	7.00	3.0	3.58	16.58	19.58	0.00	0.00	0.00	2.30	15.30	18.30	331.68	0	1.0	3.5	0.00	0.20	8/10/2021
902	A	90	x	72	LRPA 18+00	2	S4x7.7	BA	N/A	N/A	N/A	7.00	4.40	6.00	7.00	3.0	1.87	14.87	17.87	0.00	0.00	0.00	0.62	13.62	16.62	305.57	0	1.0	3.5	0.00	0.20	8/10/2021
903	A	90	x	72	LRPA 20+00	2	S4x7.7	BA	N/A	N/A	N/A	7.00	4.40	6.00	7.00	3.0	2.16	15.16	18.16	0.00	0.00	0.00	1.05	14.05	17.05	311.12	0	1.0	3.5	0.00	0.20	8/10/2021
														TOTAL		TOTAL		TOTAL		TOTAL												
														1446.78		0.00		0.20		0.79												
														USE:				1.00		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.



**TYPE 'A' AND 'B'
 GROUND MOUNTED SIGNS**

REVISIONS

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10/13/2021

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

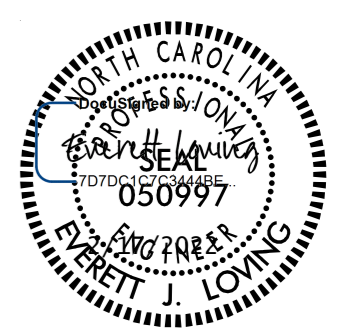
CONST. REV.

PROJECT REFERENCE NO. SHEET NO.

1-5973 SIGN-3A

R/W SHEET NO.

ROADWAY ENGINEER

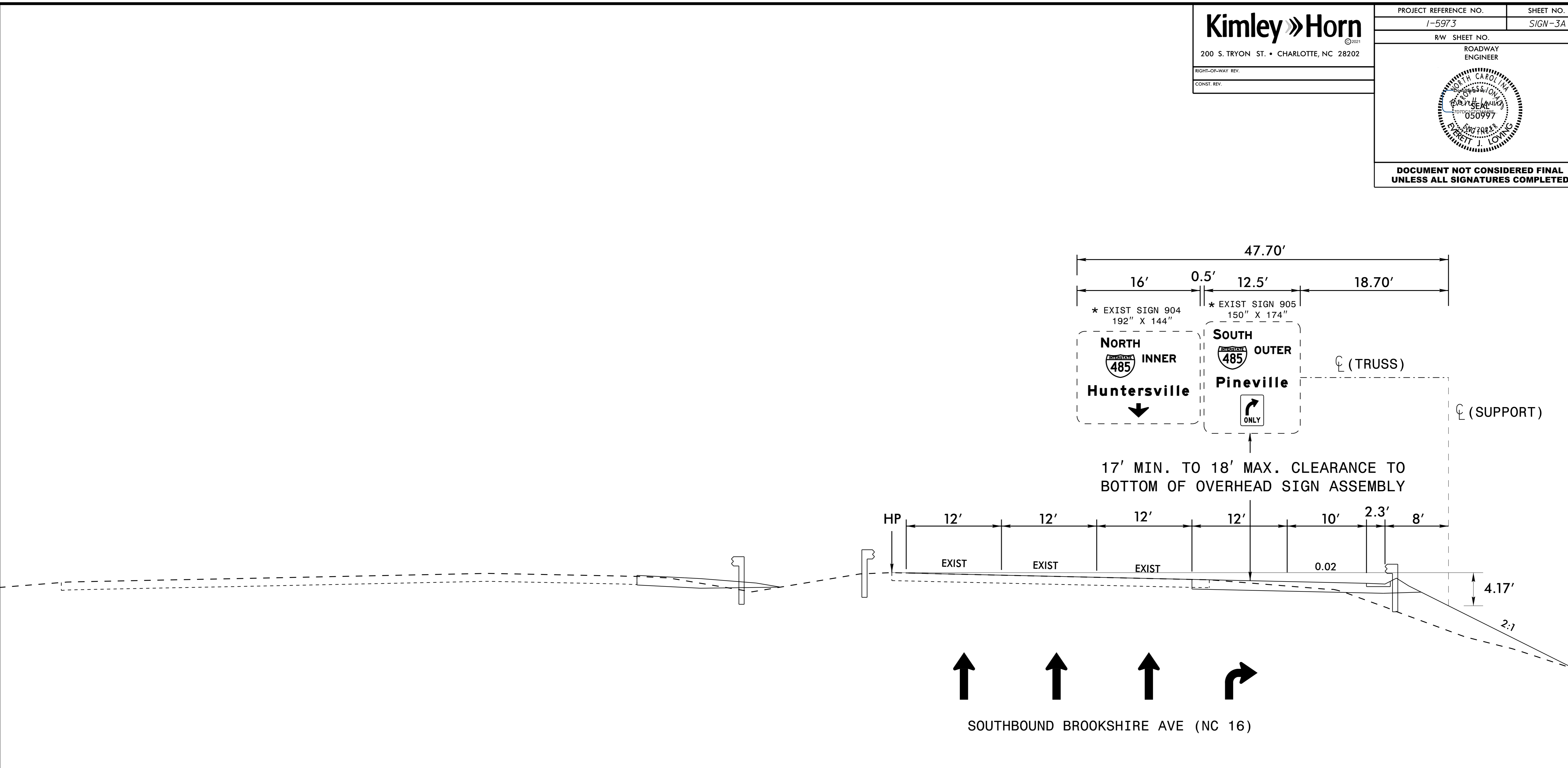


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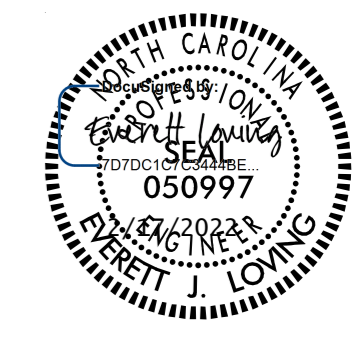


NOTES:

1. IF CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY 'A'
SOUTHBOUND BROOKSHIRE AVE (NC 16)
-L- STA 19+90

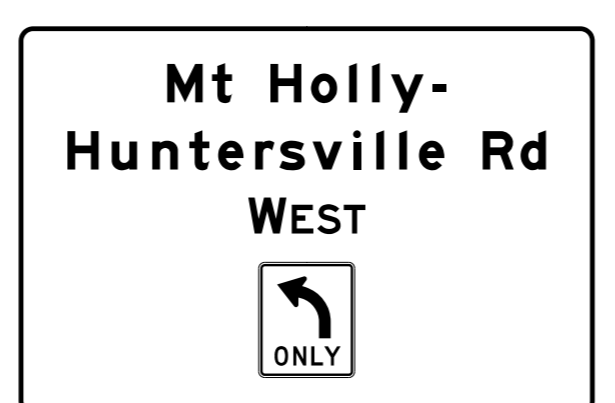


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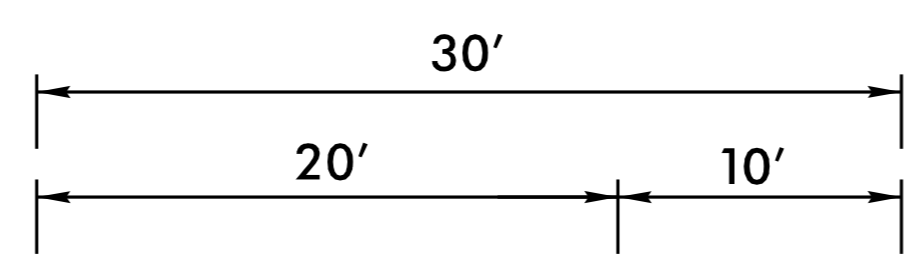
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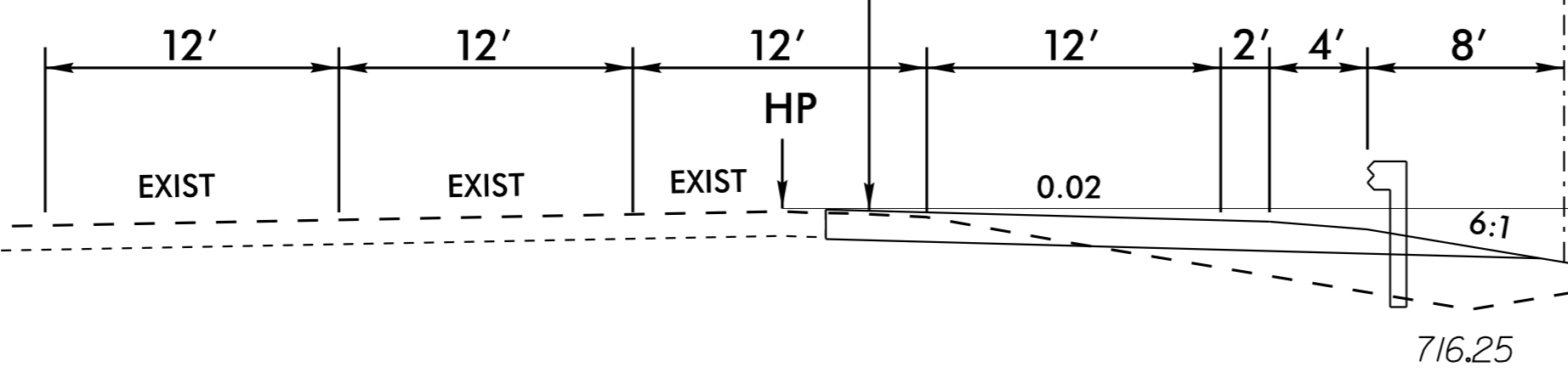


* SIGN NO. 1
240" X 162"



CL (TRUSS)
CL (SUPPORT)

17' MIN. TO 18' MAX. CLEARANCE TO
BOTTOM OF OVERHEAD SIGN ASSEMBLY



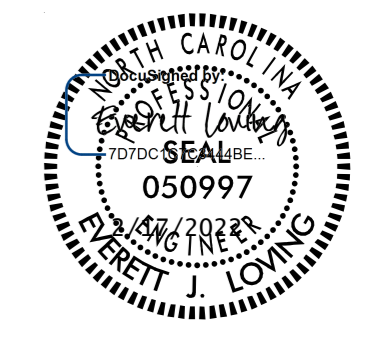
NORTHBOUND BROOKSHIRE AVE (NC 16)

NOTES:

- IF CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
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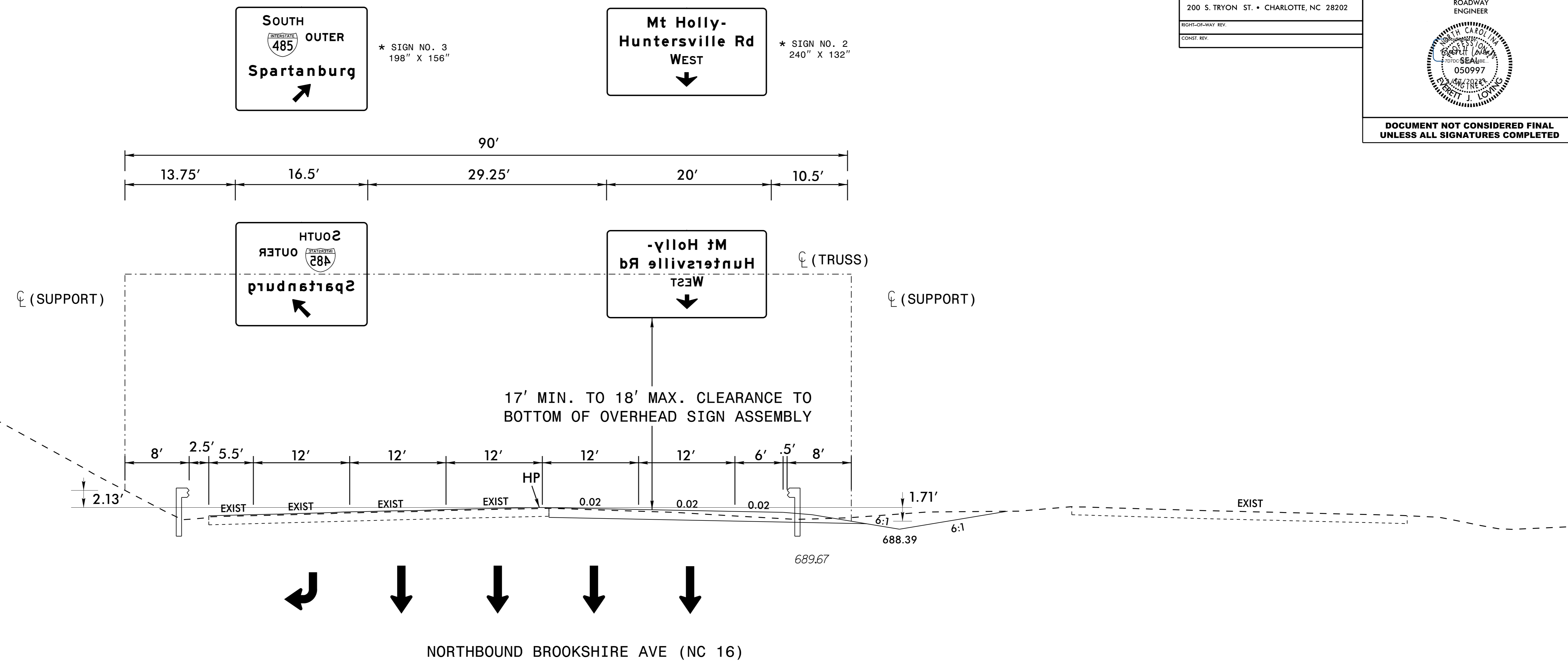
THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY 'B'
NORTHBOUND BROOKSHIRE AVE (NC 16)
-L- STA 21+07

PROJECT REFERENCE NO. I-5973		SHEET NO. SIGN-3C
R/W SHEET NO.		
ROADWAY ENGINEER		
		
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REVISIONS

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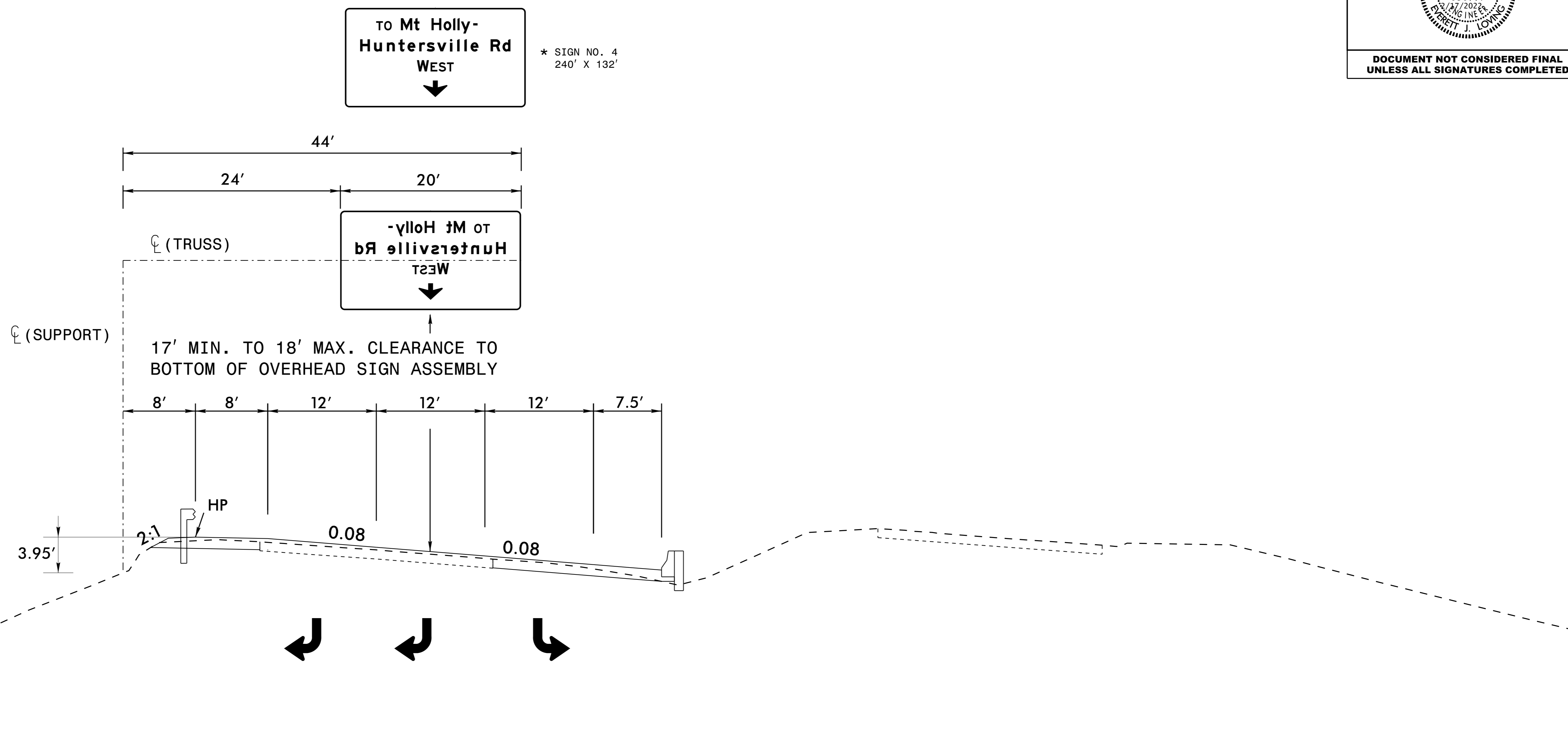
NOTES:

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- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
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THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY 'C'
NORTHBOUND BROOKSHIRE AVE (NC 16)
-L- STA 30+40

REVISIONS
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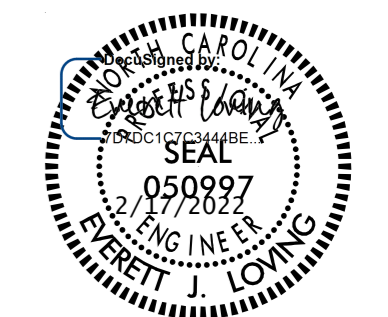


NOTES:

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OVERHEAD SIGN ASSEMBLY 'D'
-LRPA- STA 23+00



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10/13/2021

SIGN NUMBER: 1
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
R3-5L	102	102	36	48

SIGN WIDTH: 20'-0"
HEIGHT: 13'-6"
TOTAL AREA: 270.0 Sq.Ft.

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

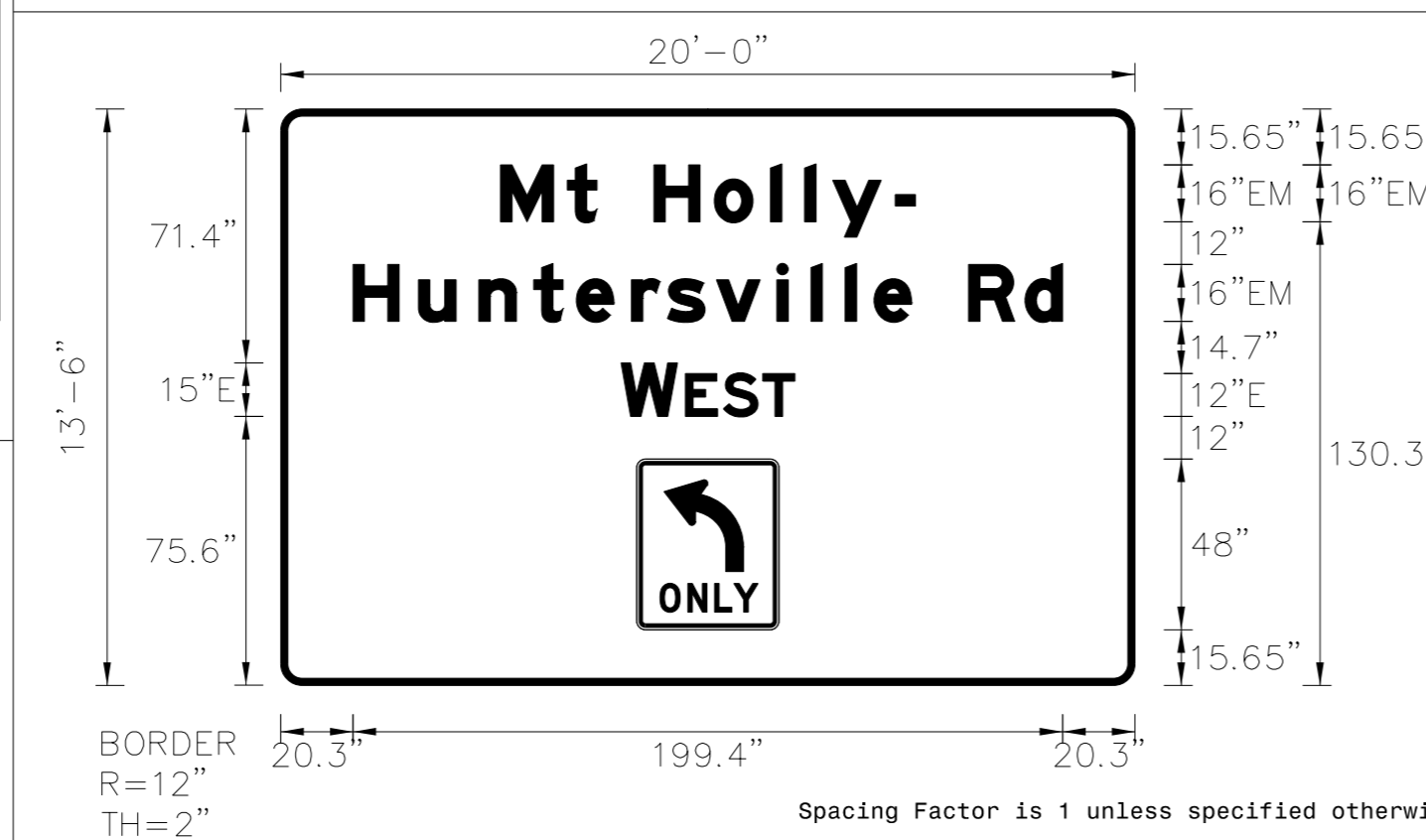
NO. Z BARS: 4
LENGTH: 232.0

MAT'L: 0.063" (1.6 mm) ALUMINUM
0.080" (2.0 mm) ALUMINUM
0.125" (3.2 mm) ALUMINUM

DESIGN BY: JRC
PROJECT ID: I-5973

CHECKED BY: CDL
DIV: 10

Sep 24, 2021



- 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.

LETTER POSITIONS

Letter spacings are to start of next letter															Series/Size Text Length	
M	t	H	o	l	i	y	4	-	61.7						EM 2000	
61.8	18.7	8.3	16	17	15.8	9.6	7.8	13.6	4	5.6	61.7				116.5	
H u n t e r s v i l l e R d															EM 2000	
20.3	18.4	17	15.4	12	15.5	10.1	13.8	17	9.6	9.6	8.2	10.6	16	15.8	10.6	20.3
W E S T															E 2000	
95.6	15.9	2.2	10.7	11	9	95.6										48.8

FILENAME: I-5973_Guidesign_Design

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR-DOWN	104	13.6	32	22

SIGN WIDTH: 20'-0"
HEIGHT: 11'-0"
TOTAL AREA: 220.0 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 232.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: JRC
PROJECT ID: I-5973

CHECKED BY: CDL
DIV: 10

Sep 24, 2021



- 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.

LETTER POSITIONS

Letter spacings are to start of next letter															Series/Size Text Length	
M	t	H	o	l	i	y	4	-	61.7						EM 2000	
61.8	18.7	8.3	16	17	15.8	9.6	7.8	13.6	4	5.6	61.7				116.5	
H u n t e r s v i l l e R d															EM 2000	
20.3	18.4	17	15.4	12	15.5	10.1	13.8	17	9.6	9.6	8.2	10.6	16	15.8	10.6	20.3
W E S T															E 2000	
95.6	15.9	2.2	10.7	11	9	95.6										48.8

FILENAME: I-5973_Guidesign_Design

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_1	48.2	80.9	45	36
AR_Type A	85.1	12.8	22.4	35.3

SIGN WIDTH: 16'-6"
HEIGHT: 13'-0"
TOTAL AREA: 214.5 Sq.Ft.

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

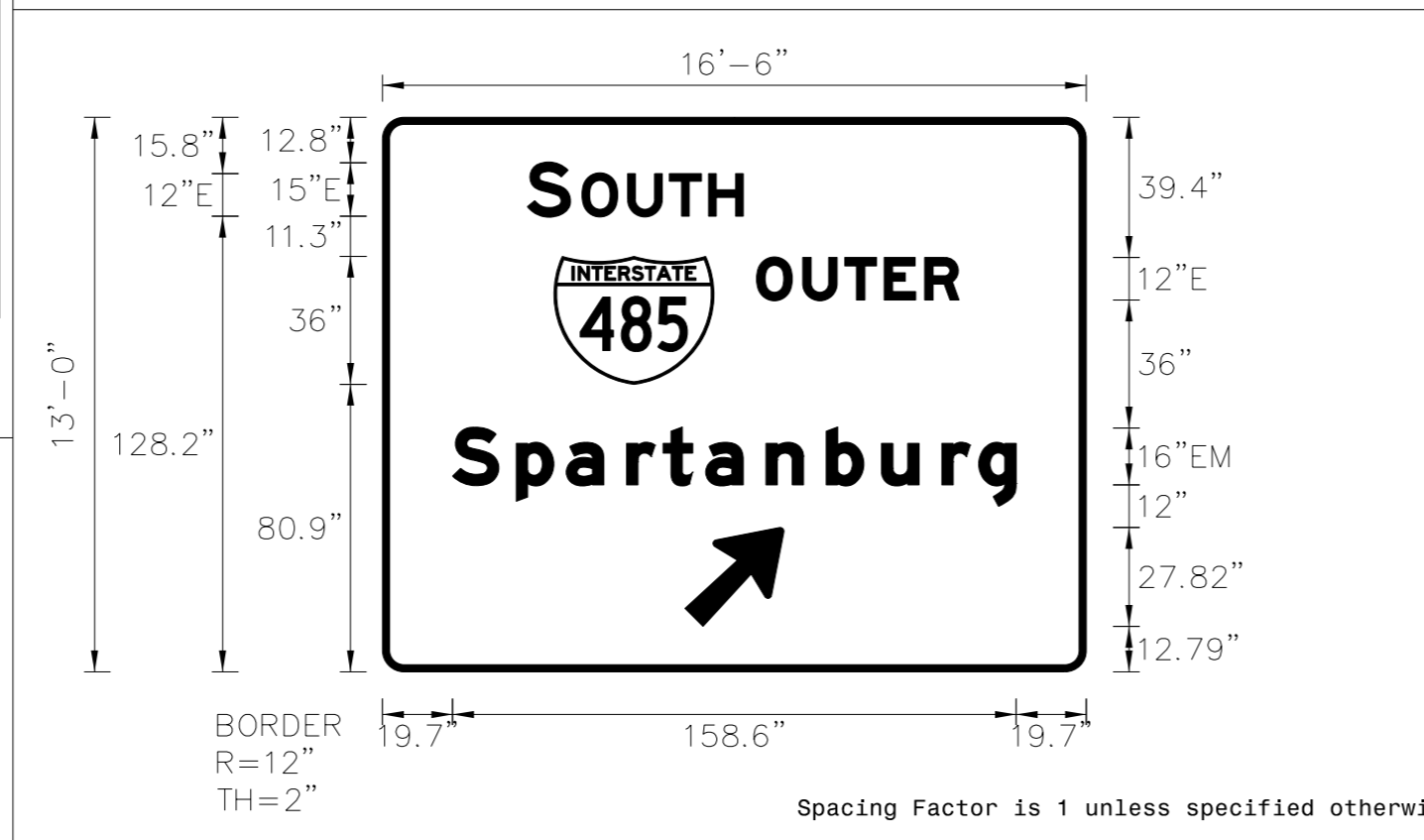
NO. Z BARS: 4
LENGTH: 190.0

MAT'L: 0.063" (1.6 mm) ALUMINUM
0.080" (2.0 mm) ALUMINUM
0.125" (3.2 mm) ALUMINUM

DESIGN BY: JRC
PROJECT ID: I-5973

CHECKED BY: CDL
DIV: 10

Sep 24, 2021



- 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.

LETTER POSITIONS

Letter spacings are to start of next letter															Series/Size Text Length	
S	O	U	T	H											E 2000	
40.8	12.2	3.2	12.8	11.8	11	9.7	96.5								60.7	
O U T E R															E 2000	
105.2	13	11.9	11	11.4	9.7	35.8									57	
S p a r t a n b u r g															EM 2000	
19.7	17.9	14.1	17	10.2	12	17	17	15.5	17	10.4	10.6	19.7				158.6

FILENAME: I-5973_Guidesign_Design

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 4
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR-DOWN	104	13.6	32	22

SIGN WIDTH: 20'-0"
HEIGHT: 11'-0"
TOTAL AREA: 220.0 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 232.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: JRC
PROJECT ID: I-5973

CHECKED BY: CDL
DIV: 10

Sep 24, 2021



- 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.

LETTER POSITIONS

Letter spacings are to start of next letter															Series/Size Text Length	
T	O	M	t	H	o	l	i	y	4	-	64.1				EM 2000	
41.4	10.7	10.1	12.1	17.3	7.4	16	16	12.6	5.8	4.6	12.3	4	5.6	64.1	134.5	
H u n t e r s v i l l e R d															EM 2000	
20.3	18.4	17	15.4	12	15.5	10.1	13.8	17	9.6	9.6	8.2	10.6	16	15.8	10.6	20.3
W E S T															E 2000	
95.6	15.9	2.2	10.7	11	9	95.6										48.8


FILENAME: I-5973_Guidesign_Design

NORTH CAROLINA D.O.T. SIGN DETAIL

REVISIONS

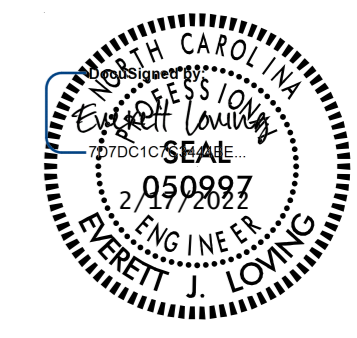
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10/13/2021

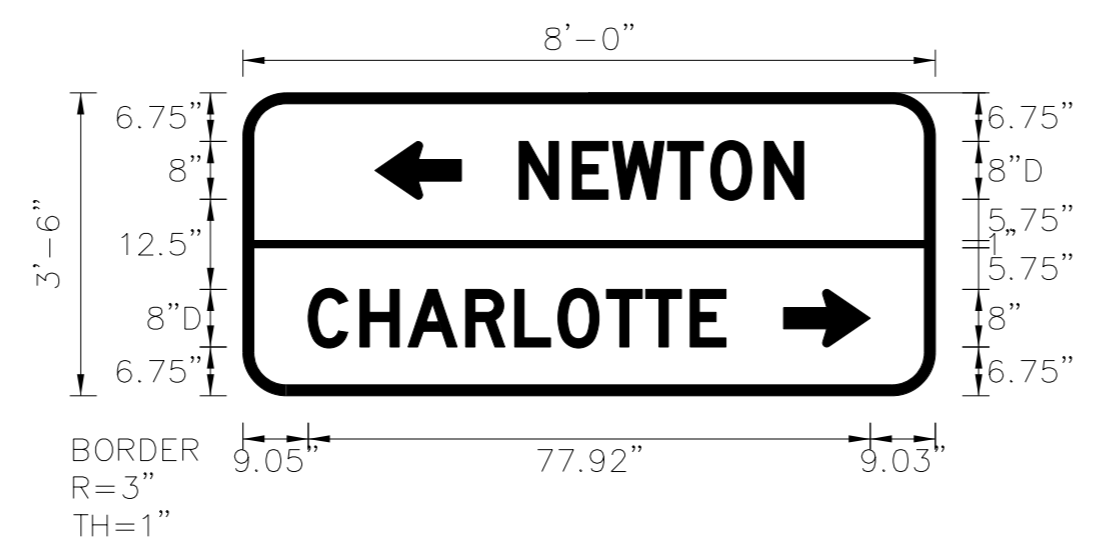


200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO. <i>I-5973</i>	SHEET NO. <i>SIGN-4B</i>
R/W SHEET NO.	
ROADWAY ENGINEER	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SIGN NUMBER: 301	BACKG COLOR: Green	DESIGN BY: JRC	CHECKED BY: CDL	Aug 27, 2021														
TYPE: D	COPY COLOR: White	PROJECT ID: I-5973		DIV: 10														
QUANTITY: 1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>AR_Type D</td> <td>18.3</td> <td>27.3</td> <td>8</td> <td>12</td> </tr> <tr> <td>AR_Type D</td> <td>75</td> <td>6.8</td> <td>8</td> <td>12</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	AR_Type D	18.3	27.3	8	12	AR_Type D	75	6.8	8	12		
SYMBOL	X	Y	WID	HT														
AR_Type D	18.3	27.3	8	12														
AR_Type D	75	6.8	8	12														
SIGN WIDTH: 8'-0"																		
HEIGHT: 3'-6"																		
TOTAL AREA: 28.0 Sq.Ft.																		
BORDER TYPE: FLUSH																		
RECESS: 0"																		
WIDTH: 1"																		
RADII: 3"																		
NO. Z BARS: 2	MAT'L: 0.063" (1.6 mm) ALUMINUM																	
LENGTH: 70.0	0.080" (2.0 mm) ALUMINUM																	
	0.125" (3.2 mm) ALUMINUM																	
USE NOTES 1 & 2																		
1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.																		
2. Background shall be C reflective sheeting.																		

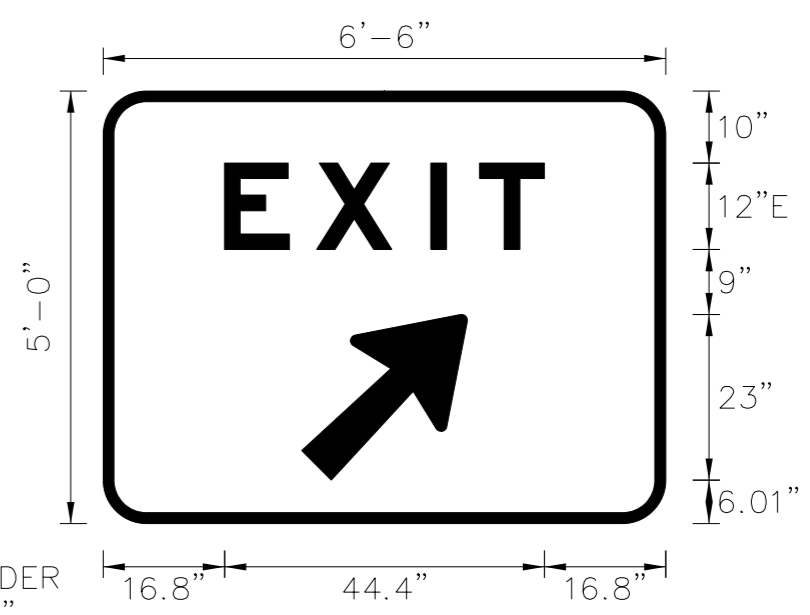


Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS												Series/Size
Letter spacings are to start of next letter												Text Length
	N	E	W	T	O	N						D 2000
	38.3	7.4	5.6	7.6	6	7.4	5.4	18.3				39.4
	C	H	A	R	L	O	T	T	E			D 2000
	9	7.2	6.6	8	6.8	6	6.7	5.4	6.2	5	29	57.9

FILENAME: I-5973_Guidesign_Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 101	BACKG COLOR: Green	DESIGN BY: JRC	CHECKED BY: CDL	Aug 27, 2021									
TYPE: A	COPY COLOR: White	PROJECT ID: I-5973		DIV: 10									
QUANTITY: 1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>AR_Type A</td> <td>27.5</td> <td>6</td> <td>18.3</td> <td>29.3</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	AR_Type A	27.5	6	18.3	29.3		
SYMBOL	X	Y	WID	HT									
AR_Type A	27.5	6	18.3	29.3									
SIGN WIDTH: 6'-6"													
HEIGHT: 5'-0"													
TOTAL AREA: 32.5 Sq.Ft.													
BORDER TYPE: FLUSH													
RECESS: 0"													
WIDTH: 1.5"													
RADII: 6"													
NO. Z BARS: 2	MAT'L: 0.063" (1.6 mm) ALUMINUM												
LENGTH: 70.0	0.080" (2.0 mm) ALUMINUM												
	0.125" (3.2 mm) ALUMINUM												
USE NOTES 1 & 2													
1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.													
2. Background shall be C reflective sheeting.													



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS												Series/Size
Letter spacings are to start of next letter												Text Length
	E	X	I	T								E 2000
	16.8	12.8	15.8	6.7	9	16.8						44.4


FILENAME: I-5973_Guidesign_Design NORTH CAROLINA D.O.T. SIGN DETAIL

REVISIONS

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10/13/2021


401 QUANTITY REQ'D 2



36" X 12"
R6-1 (R)

TWO "U" POSTS PER SIGN

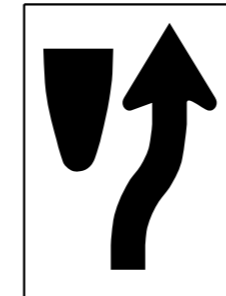
402 QUANTITY REQ'D 2



36" X 12"
R6-1 (L)

TWO "U" POSTS PER SIGN

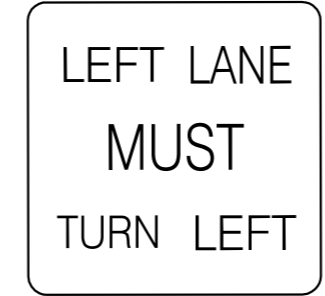
403 QUANTITY REQ'D 1



24" X 30"
R4-7

ONE "U" POST PER SIGN


404 QUANTITY REQ'D 2



36" X 36"
R3-7L

ONE "U" POST PER SIGN

405 QUANTITY REQ'D 2




36" X 36"
R5-1

ONE "U" POST PER SIGN

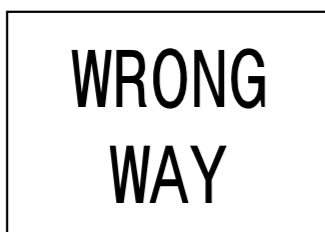
Kimley»Horn

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO. I-5973	SHEET NO. SIGN-5
R/W SHEET NO.	
ROADWAY ENGINEER	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	


406 QUANTITY REQ'D 2




42" X 30"
R5-1a

ONE "U" POST PER SIGN


501 QUANTITY REQ'D 2



24" X 12"
M3-2




24" X 24"
M1-5




21" X 15"
M6-3

ONE "U" POST PER SIGN


502 QUANTITY REQ'D 2




24" X 12"
M3-1



24" X 12"
M3-1




30" X 24"
M1-1




21" X 15"
M6-3

ONE "U" POST PER SIGN


503 QUANTITY REQ'D 2




24" X 12"
M3-2



24" X 12"
M3-2




30" X 24"
M1-1




21" X 15"
M6-3

ONE "U" POST PER SIGN


504 QUANTITY REQ'D 3



24" X 12"
M3-1




24" X 24"
M1-5




21" X 15"
M6-1R

ONE "U" POST PER SIGN


505 QUANTITY REQ'D 3



24" X 12"
M3-2



24" X 24"
M1-5



21" X 15"
M6-1L

ONE "U" POST PER SIGN

TYPE "E" AND "F" SIGNS

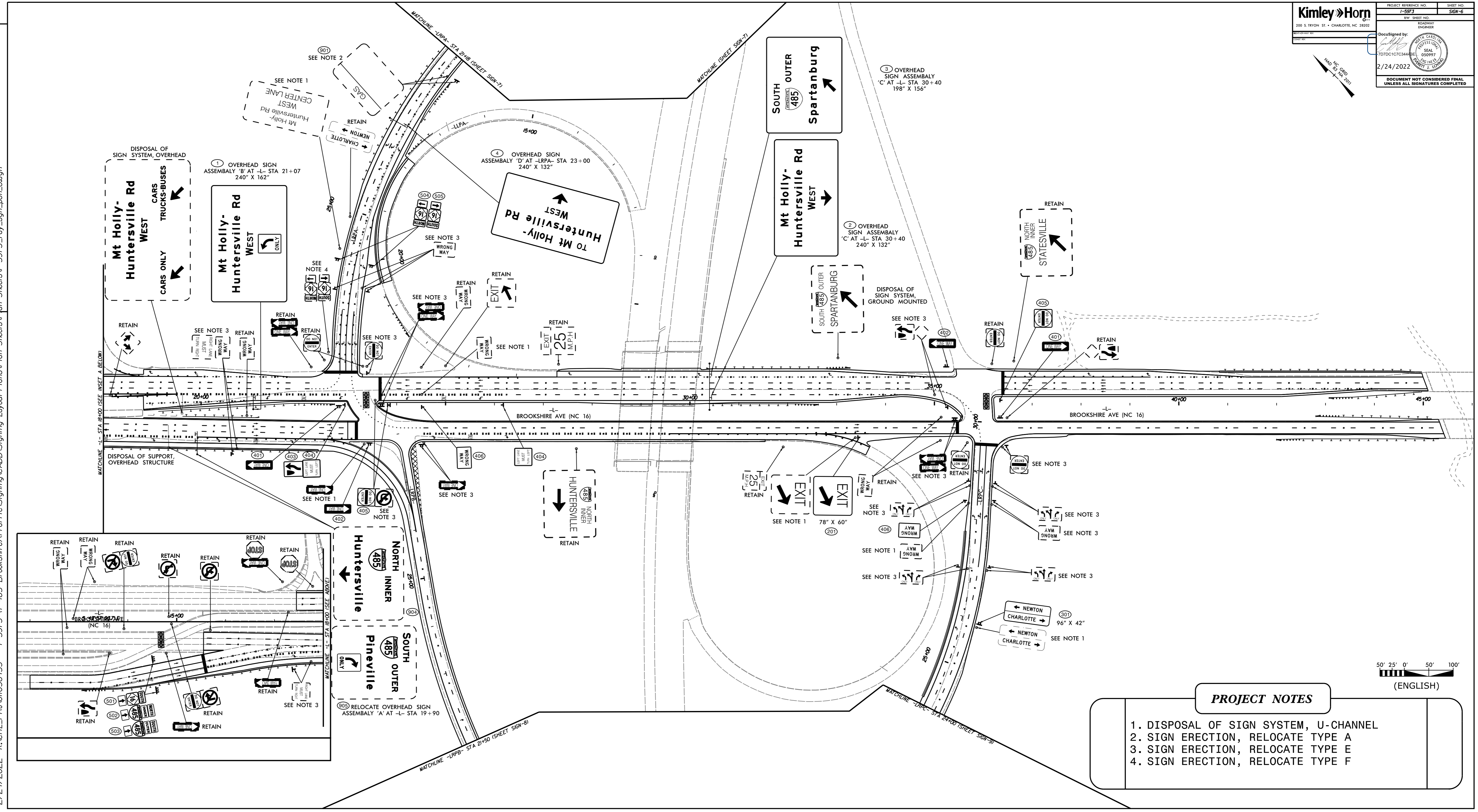
Kimley Horn
200 S. TRYON ST. • CHARLOTTE, NC 28202

PROJECT REFERENCE NO. 1-5973
SHEET NO. 504-6

DocuSigned by:
TODD G. HORN
2/24/2022

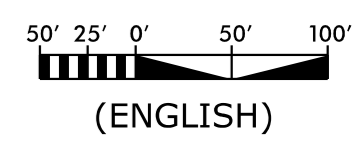
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UNLESS ALL SIGNATURES COMPLETED

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 REVISIONS



PROJECT NOTES

1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2. SIGN ERECTION, RELOCATE TYPE A
3. SIGN ERECTION, RELOCATE TYPE E
4. SIGN ERECTION, RELOCATE TYPE F

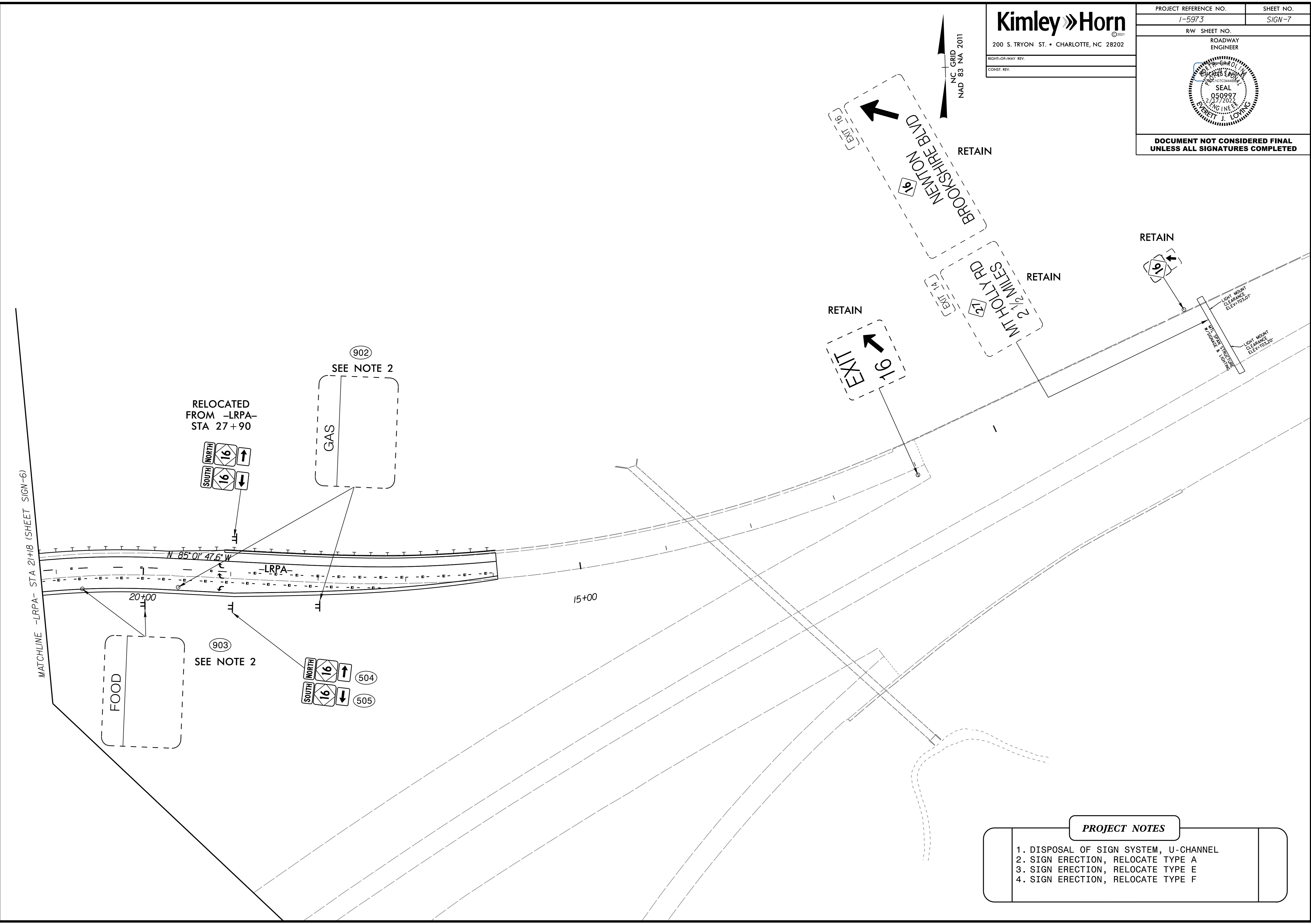


Kimley Horn
 200 S. TRYON ST. • CHARLOTTE, NC 28202
 ROADWAY ENGINEER
 RIGHT-OF-WAY REV.
 CONST. REV.

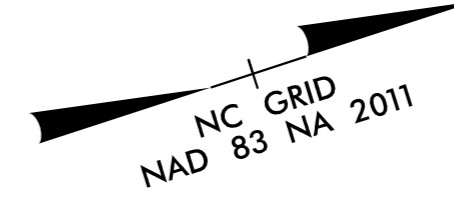
PROJECT REFERENCE NO. I-5973	SHEET NO. SIGN-7
R/W SHEET NO.	
ROADWAY ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

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- PROJECT NOTES**
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 2. SIGN ERECTION, RELOCATE TYPE A
 3. SIGN ERECTION, RELOCATE TYPE E
 4. SIGN ERECTION, RELOCATE TYPE F

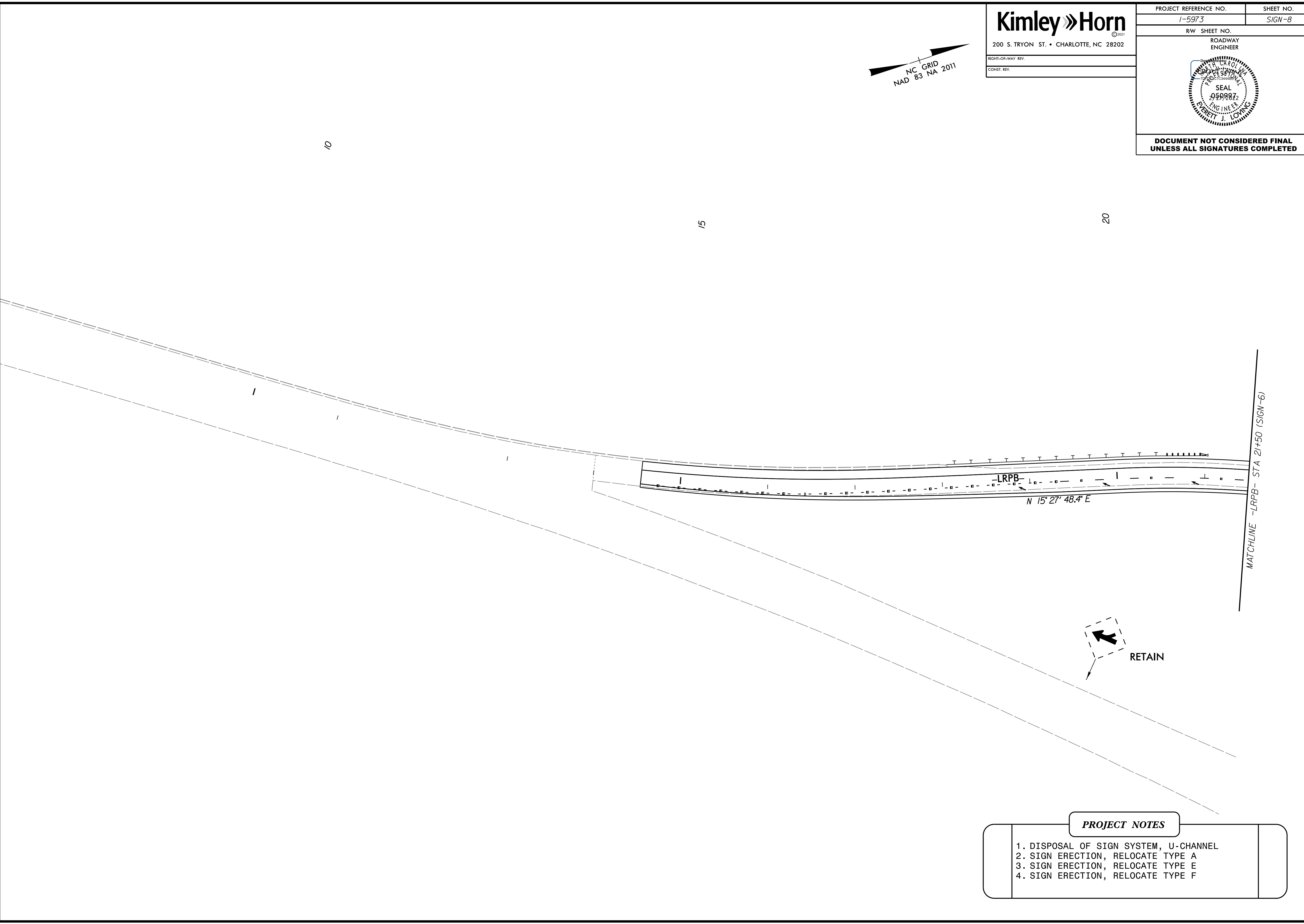


Kimley»Horn 200 S. TRYON ST. • CHARLOTTE, NC 28202	
PROJECT REFERENCE NO. I-5973	SHEET NO. SIGN-8
R/W SHEET NO.	
ROADWAY ENGINEER	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

REVISIONS

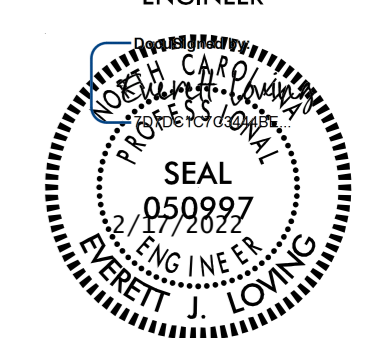
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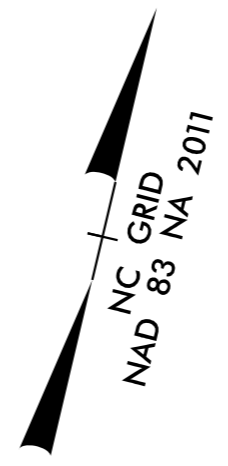
10/13/2021



- PROJECT NOTES**
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 2. SIGN ERECTION, RELOCATE TYPE A
 3. SIGN ERECTION, RELOCATE TYPE E
 4. SIGN ERECTION, RELOCATE TYPE F

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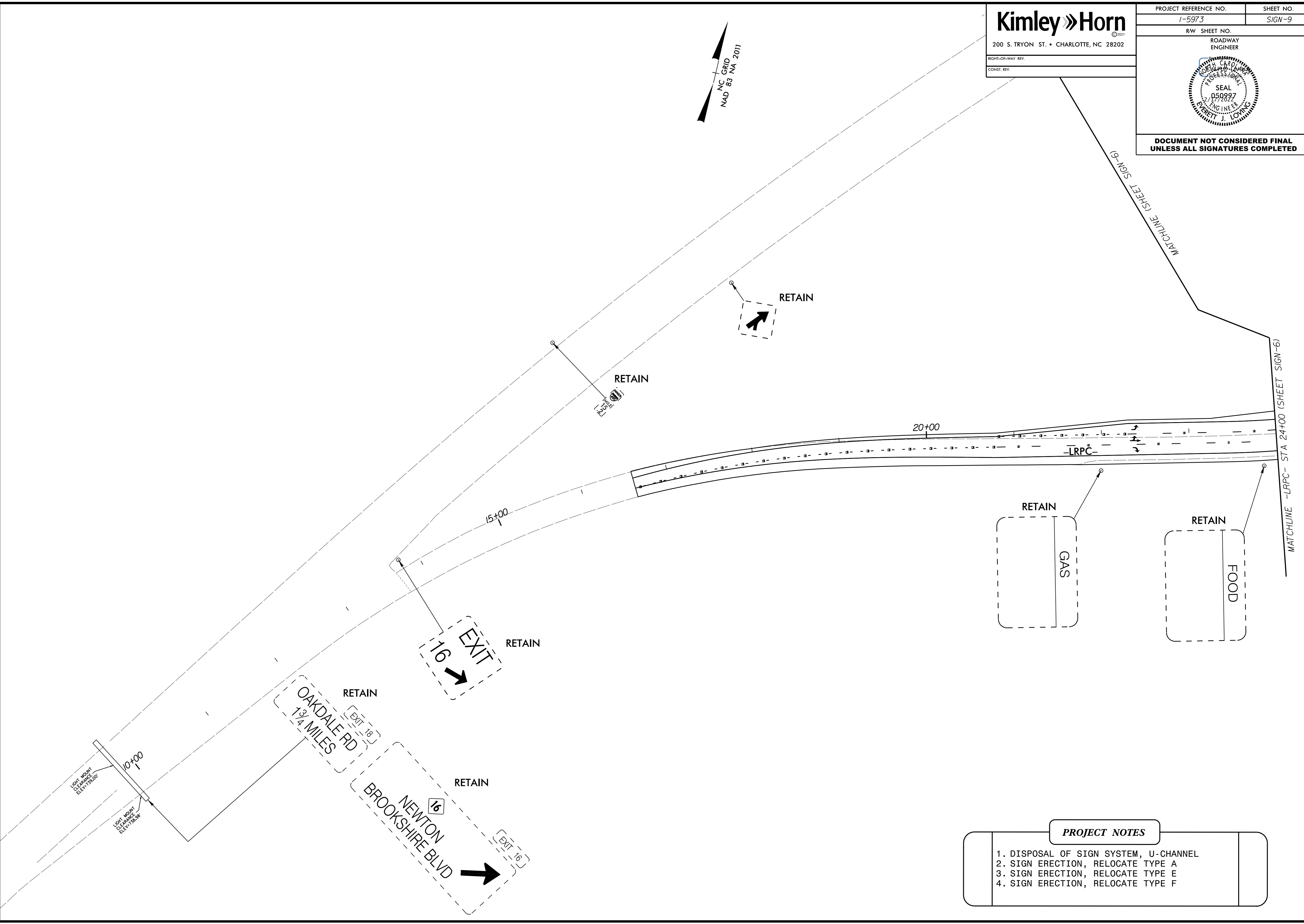
PROJECT REFERENCE NO. I-5973	SHEET NO. SIGN-9
R/W SHEET NO. ROADWAY ENGINEER	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



REVISIONS

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10/13/2021



- PROJECT NOTES**
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 2. SIGN ERECTION, RELOCATE TYPE A
 3. SIGN ERECTION, RELOCATE TYPE E
 4. SIGN ERECTION, RELOCATE TYPE F