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TIP NO.	SHEET NO.
R - 1015	S - 1
APPROVED: <i>Ron King</i>	
DATE: 11/20/2018	
SEAL	
	
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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
CRAVEN & CARTERET COUNTIES**

**LOCATION: US 70 (HAVELOCK BYPASS) FROM SOUTH OF CARTERET /CRAVEN
COUNTY LINE TO SOUTH OF SR 1176, (CAROLINA PINES BLVD.)**

T.I.P.: R-1015

CONTRACT:

INDEX

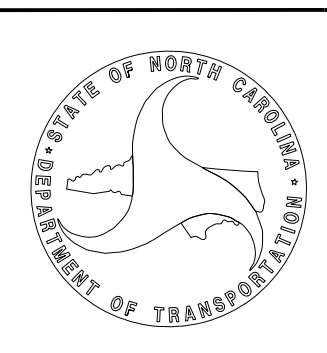
SHEET NO.	DESCRIPTION
S-1	TITLE SHEET
S-2	RWY STD DRAWINGS & GENERAL NOTES
S-3	SUPPORT INFORMATION
S-4-4P	SIGN DESIGNS
S-5-5A	'E', 'F' & MILMARKERS TYPE SIGNS
S-6-6G	OVERHEAD DETAILS
S-7-34	SIGN DETAIL SHEETS

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4048000000	902	16	C.Y.
4054000000	902	4	C.Y.
4057000000	SP	148	C.Y.
4060000000	903	14533	LB.
4066000000	903	7946	LB.
4072000000	903	306	L.F.
4082000000	903	4474	L.F.
4096000000	904	12	EA.
4102000000	904	125	EA.
4108000000	904	27	EA.
4109000000	904	14	EA.
4109000000	904	7	EA.
4110000000	904	29	EA.
4110000000	904	22	EA.
4114000000	904	22	EA.
4115000000	904	3	EA.
4116100000	904	8	EA.
4141000000	907	8	EA.
4158000000	907	56	EA.

PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

A. ALQUDWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER
ERIC WARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER

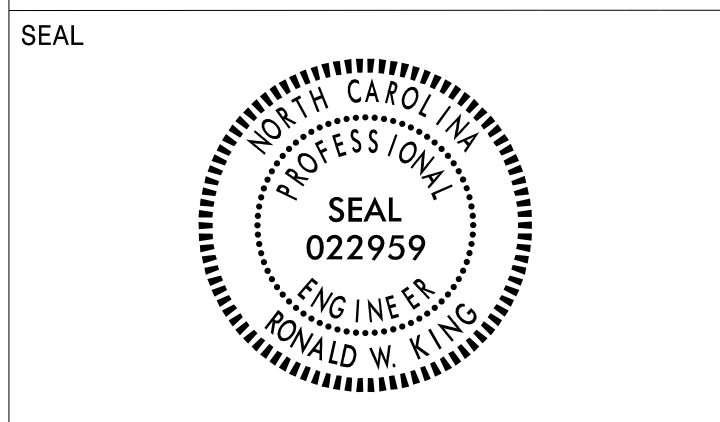


PLAN PREPARED BY: HDR

RON KING, P.E. PROJECT ENGINEER
R. DRAYTON TRAFFIC DESIGNER

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900, Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

APPROVED: *Ron King*
 DATE: 9/19/2018



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HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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
901.60	RIVET SPACING FOR OVERLAYED SIGNS
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
903.20	MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON WOOD POSTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT

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.
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO WOOD 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 WOOD 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 GRADE 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.

PROJECT NOTE

1. DISPOSAL OF SIGN SYSTEM, WOOD
2. RELOCATE SIGN, TYPE E
3. DISPOSAL OF SUPPORT, WOOD

09/19/18
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 User:RDHAYTON

APPROVED: *Ron King*

DATE: 9/19/2018

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HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

SIGN				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/yyyy)	
NUMBER	TYPE	SIZE (in.)											SNS HT	MTG HT	EMBED-MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)		
101	B	114	x	36	30+00 -L-	2	S4x7.7	BA	N/A	N/A	N/A	30.00	5.57	3.00	7.00	2.5	5.59	15.59	18.09	0.00	0.00	0.00	3.44	13.44	15.94	302.03	0	1.0	3	0.00	0.17	
102A	B	132	x	30	31+00 -L-	2	W10x26	BA	N/A	1-R	N/A	30.00	7.62	12.00	7.00	4.5	5.28	24.28	28.78	0.00	0.00	0.00	6.90	25.90	30.40	1818.68	0	2.5	5	1.82	0.00	
102B	A	156	x	144																												
103	A	168	x	84	50+00 -L-	2	W6x12	S	N/A	N/A	N/A	18.00	8.20	7.00	7.00	3.5	1.72	15.72	19.22	0.00	0.00	0.00	4.45	18.45	21.95	0.00	494.04	1.5	4	0.52	0.00	
104A	B	132	x	30	119+00 -L-	2	W10x22	S	N/A	1-R	N/A	18.00	7.62	12.00	7.00	4.0	3.21	22.21	26.21	0.00	0.00	0.00	5.85	24.85	28.85	0.00	1211.32	2.5	4.5	1.64	0.00	
104B	A	156	x	144																												
105A	B	132	x	30	145+00 -L-	2	W8x21	S	N/A	1-R	N/A	18.00	7.62	12.00	7.00	4.5	2.12	21.12	25.62	0.00	0.00	0.00	4.76	23.76	28.26	0.00	1131.48	2.0	5	1.16	0.00	
105B	A	156	x	144																												
106A	B	132	x	30	167+00 -L-	2	W6x16	S	N/A	II	N/A	18.00	6.45	8.50	7.00	3.5	3.41	18.91	22.41	0.00	0.00	0.00	5.56	21.06	24.56	0.00	751.52	1.5	4	0.52	0.00	
106B	A	132	x	72																												
107A	B	132	x	30	193+00 -L-	2	W6x16	S	N/A	II	N/A	18.00	6.45	8.50	7.00	3.5	2.42	17.92	21.42	0.00	0.00	0.00	4.56	20.06	23.56	0.00	719.68	1.5	4	0.52	0.00	
107B	A	132	x	72																												
108A	B	132	x	30	222+00 -L-	2	W6x16	S	N/A	II	N/A	18.00	6.45	9.50	7.00	4.0	2.42	18.92	22.92	0.00	0.00	0.00	4.56	21.06	25.06	0.00	767.68	1.5	4.5	0.59	0.00	
108B	A	132	x	84																												
109A	B	132	x	30	265+00 -L-	3	W6x16	BA	N/A	II	N/A	30.00	3.91	9.50	7.00	3.5	6.88	23.38	26.88	7.25	23.75	27.25	9.03	25.53	29.03	1471.56	0	1.5	4	0.79	0.00	
109B	A	132	x	84																												
110A	B	132	x	30	293+00 -L-	2	W6x16	S	N/A	II	N/A	18.00	6.45	8.50	7.00	3.5	3.72	19.22	22.72	0.00	0.00	0.00	5.87	21.37	24.87	0.00	761.44	1.5	4	0.52	0.00	
110B	A	132	x	72																												
111A	B	132	x	30	317+00 -L-	2	W6x16	BA	N/A	II	N/A	30.00	6.45	8.50	7.00	4.0	7.53	23.03	27.03	0.00	0.00	0.00	7.53	23.03	27.03	958.96	0	1.5	4.5	0.59	0.00	
111B	A	132	x	72																												
112	B	114	x	36	190+00 -L-	2	S3x5.7	S	N/A	N/A	N/A	18.00	5.57	3.00	7.00	2.5	2.28	12.28	14.78	0.00	0.00	0.00	4.04	14.04	16.54	0.00	178.524	1.0	3	0.00	0.17	
113A	B	132	x	30	451+00 -L-	2	W8x21	BA	N/A	1-R	N/A	30.00	7.62	12.00	7.00	4.5	4.67	23.67	28.17	0.00	0.00	0.00	4.75	23.75	28.25	1330.82	0	2.0	5	1.16	0.00	
113B	A	156	x	144																												
114A	B	132	x	30	478+00 -L-	2	W10x26	BA	N/A	1-R	N/A	30.00	7.62	12.00	7.00	4.5	8.23	27.23	31.73	0.00	0.00	0.00	8.27	27.27	31.77	1931.00	0	2.5	5	1.82	0.00	
114B	A	156	x	144																												
115	B	120	x	36	486+00 -L-	2	S4x7.7	BA	N/A	N/A	N/A	30.00	5.86	3.00	7.00	2.5	5.11	15.11	17.61	0.00	0.00	0.00	4.79	14.79	17.29	308.73	0	1.0	3	0.00	0.17	
116A	B	132	x	30	570+00 -L-	2	W8x21	BA	N/A	1-R	N/A	20.00	7.62	12.00	7.00	4.5	4.53	23.53	28.03	0.00	0.00	0.00	4.11	23.11	27.61	1314.44	0	2.0	5	1.16	0.00	
116B	A	156	x	144																												
117A	B	132	x	30	597+00	2	W8x18	BA	N/A	1-R	N/A	20.00	7.62	12.00	7.00	4.5	2.63	21.63	26.13	0.00	0.00	0.00	2.95	21.95	26.45	1086.44	0	2.0	5	1.16	0.00	
117B	A	156	x	144																												
118	A	168	x	84	556+00 -L-	2	W6x12	BA	N/A	N/A	N/A	30.00	8.20	7.00	7.00	3.5	4.53	18.53	22.03	0.00	0.00	0.00	4.11	18.11	21.61	601.68	0	1.5	4	0.52	0.00	
119	A	72	x	60	SEE S-28	2	S3x5.7	BA	N/A	N/A	N/A	18.00	3.52	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
120	A	72	x	60	48+00 -RP1AB-	2	S3x5.7	BA	N/A	N/A	N/A	6.00	3.52	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
121	A	150	x	150	35+00 -RP1AB-	3	W6x16	BA	N/A	N/A	N/A	30.00	4.44	12.50	7.00	4.0	3.67	23.17	27.17	3.55	23.05	27.05	3.88	23.38	27.38	1446.60	0	1.5	4.5	0.88	0.00	
122	B	96	x	36	150+75 -L-	2	S3x5.7	S	N/A	N/A	N/A	18.00	4.69	3.00	7.00	2.5	2.83	12.83	15.33	0.00	0.00	0.00	4.39	14.39	16.89	0.00	183.654	1.0	3	0.00	0.17	
123	B	108	x	42	42+50 -Y3-	2	S4x7.7	BA	N/A	N/A	N/A	30.00	5.27	3.50	7.00	3.0	7.17	17.67	20.67	0.00	0.00	0.00	7.13	17.63	20.63	358.01	0	1.0	3.5	0.00	0.20	
124	B	108	x	42	62+00 -Y3-	2	S4x7.7	S	N/A	N/A	N/A	18.00	5.27	3.50	7.00	3.0	5.50	16.00	19.00	0.00	0.00	0.00	7.50	18.00	21.00	0.00	308	1.0	3.5	0.00	0.20	
201	A	96	x	60	81+00 -L-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
202A	A	96	x	60	87+30 -L-	2	S4x7.7	BA	N/A	N/A	N/A	Δ	4.69	7.00	7.00	3.0	0.50	14.50	17.50	0.00	0.00	0.00	0.50	14.50	17.50	309.50	0	1.0	3.5	0.00	0.20	
202B	B	96	x	24																												
203A	A	72	x	60	61+30 -RP2CD-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.52	7.00	7.00	3.0	0.50	14.50	17.50	0.00	0.00	0.00	0.50	14.50	17.50	235.50	0	1.0	3.5	0.00	0.20	
203B	B	72	x	24																												
204	A	96	x	60	256+00 -L-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
205	A	96	x	60	232+00 -L-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
206	A	96	x	60	539+00 -L-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
207A	A	96	x	60	510+00 -L-	2	S4x7.7	BA	N/A	N/A	N/A	Δ	4.69	7.00	7.00	3.0	0.50	14.50	17.50	0.00	0.00	0.00	0.50	14.50	17.50	309.50	0	1.0	3.5	0.00	0.20	
207B	B	96	x	24																												
208A	A	72	x	60	19+00 -RP1AB-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.52	7.00	7.00	3.0	0.50	14.50	17.50	0.00	0.00	0.00	0.50	14.50	17.50	235.50	0	1.0	3.5	0.00	0.20	
208B	B	72	x	24																												

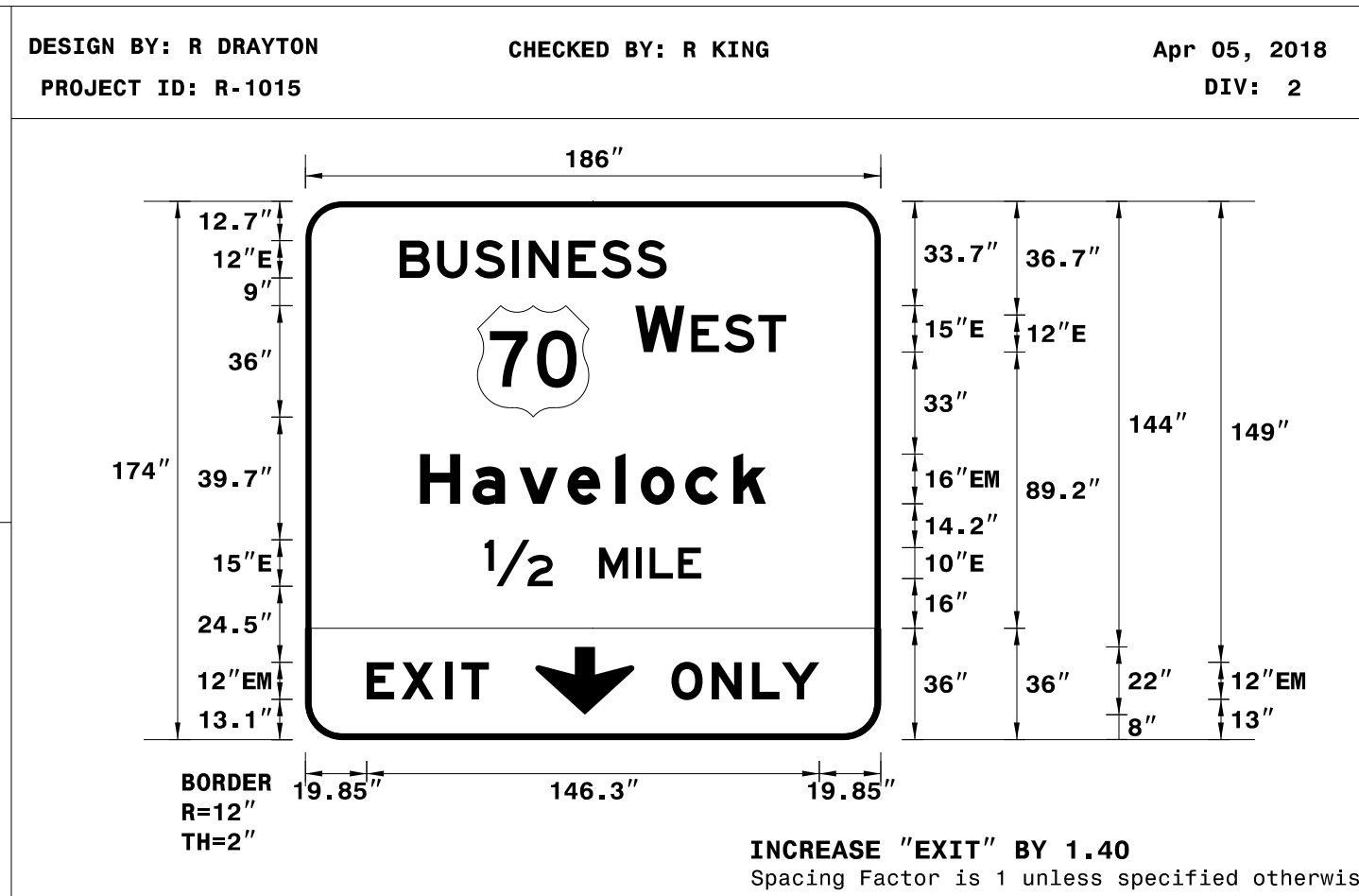
TOTAL	15618.96	TOTAL	6998.99	TOTAL	15.39	TOTAL	3.55

SIGN NUMBER: 1B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 15'-6"
HEIGHT: 14'-6"
TOTAL AREA: 224.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 5
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	55.7	104.3	36	36
ARDOWN	74.4	8	32	22

MAT'L: 0.125" (3.2 mm) ALUMINUM

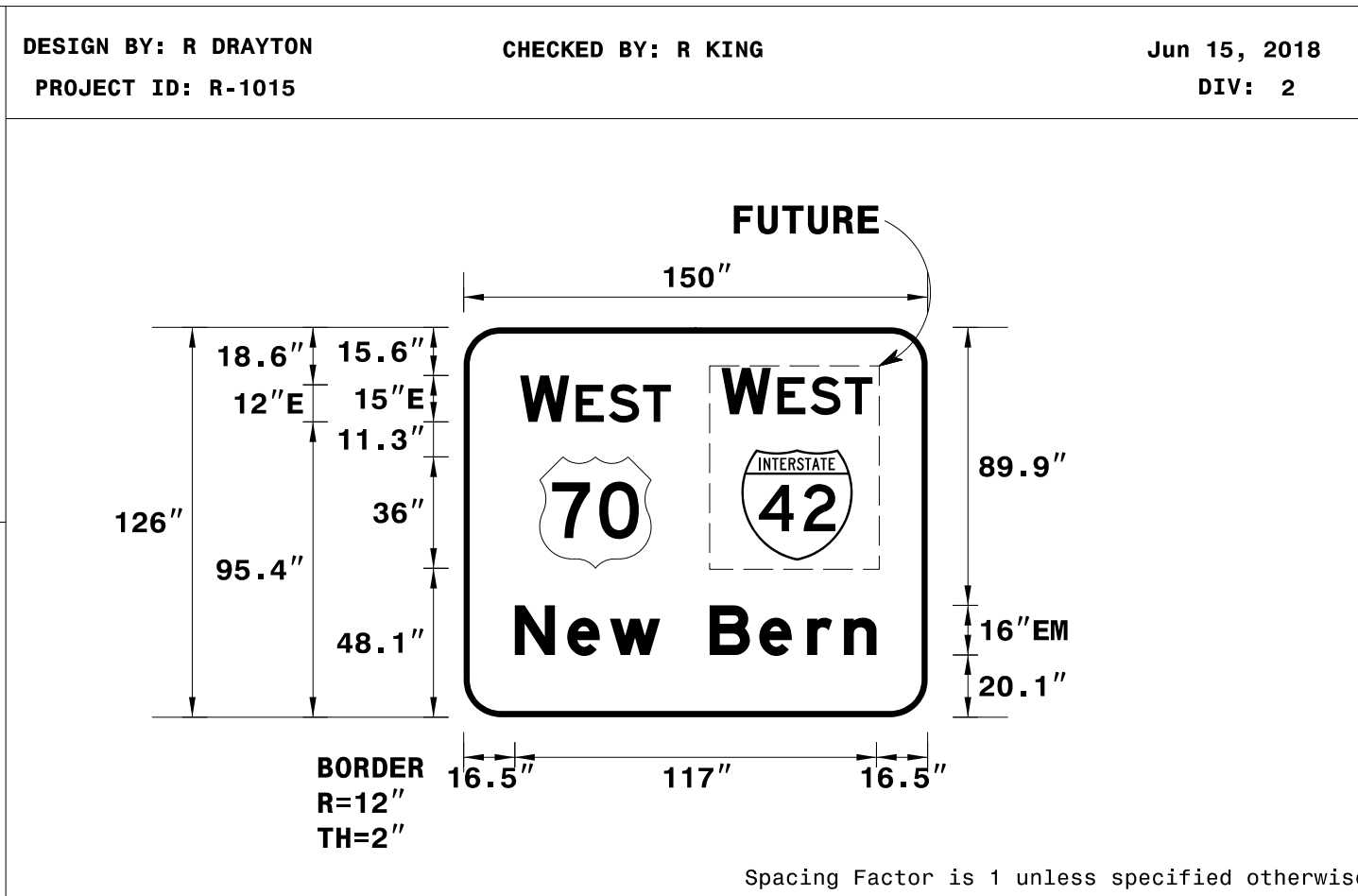


SIGN NUMBER: 2, 6 & 11
TYPE: A
QUANTITY: 3
SIGN WIDTH: 12'-6"
HEIGHT: 10'-6"
TOTAL AREA: 131.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 142.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	24.6	48.1	36	36

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 on 0.032" (0.8mm) aluminum and demountable.
 - Bottom panel shall be yellow Grade C sheeting on background with black recessed border. THICKNESS: 1.5" RECESS: 0.5"

- 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 on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	B	U	S	I	N	E	S	S	Series/Size	
30.5	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	69.2	E 2000
										86.3
										E 2000
106.7	15.9	2.2	10.7	11	9	30.5				48.8
										EM 2000
37.1	17	15.2	15.5	15.5	8.2	14.4	15.5	10.6	37.1	111.8
										E 2000
58	22	15	12	4.4	9.2	7.5	58			70.1
										EM 2000
19.9	11.2	14	5.4	8.9	126.6					39.5
										EM 2000
118.4	13	13.1	9.6	12.1	19.9					47.8

FILENAME: Guidsign_English_8-2-13
NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	W	E	S	T	Series/Size					
18.2	15.9	2.2	10.7	11	9	83	E 2000			
							48.8			
							EM 2000			
16.5	17	13.8	16.3	16	16	15.5	11.8	10.6	16.5	117

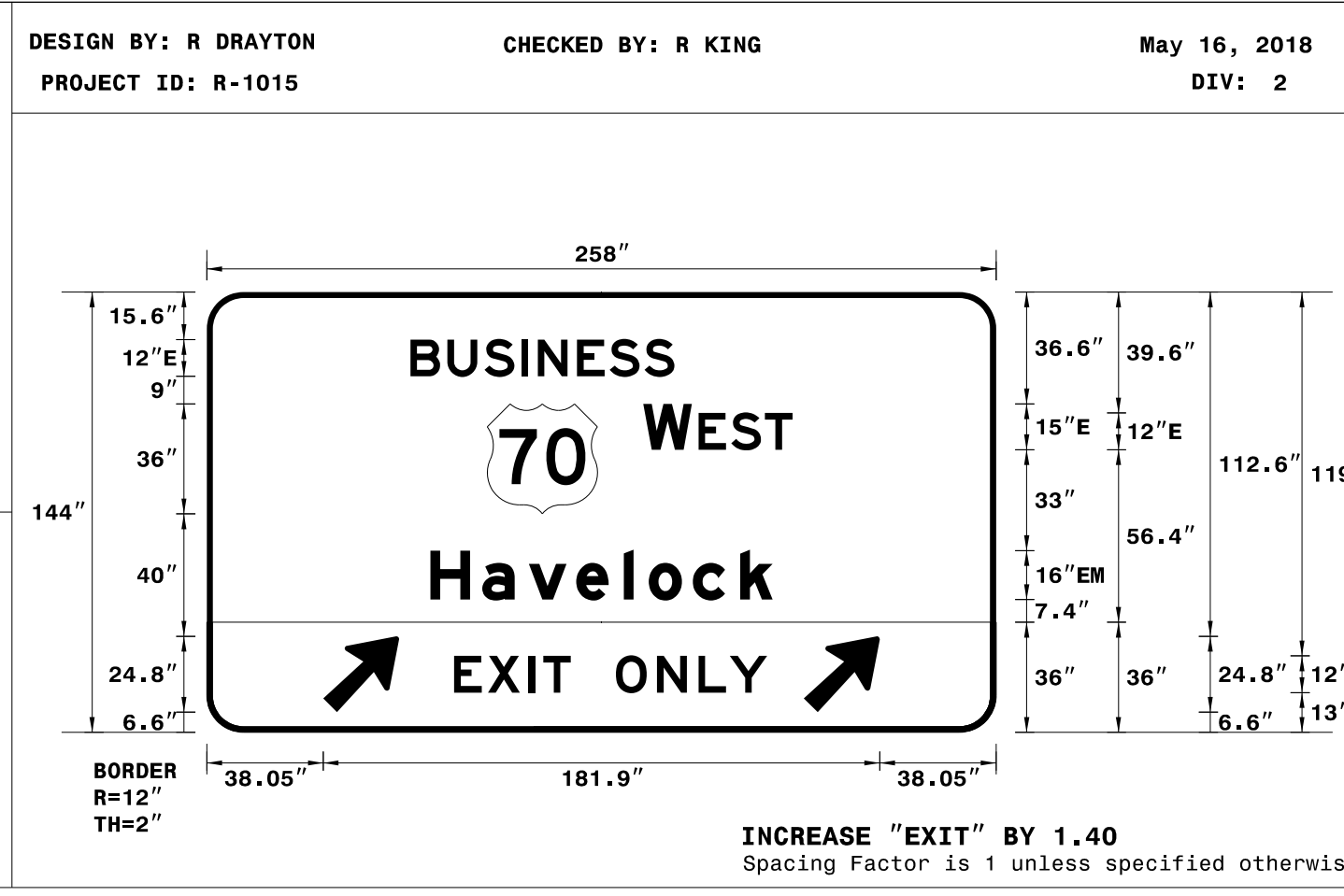
FILENAME: Guidsign_English_8-2-13
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 21'-6"
HEIGHT: 12'-0"
TOTAL AREA: 258.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 250.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	91.7	71.4	36	36
AR_Type A	38	6.6	20	31.5
AR_Type A	195.2	6.6	20	31.5

MAT'L: 0.125" (3.2 mm) ALUMINUM

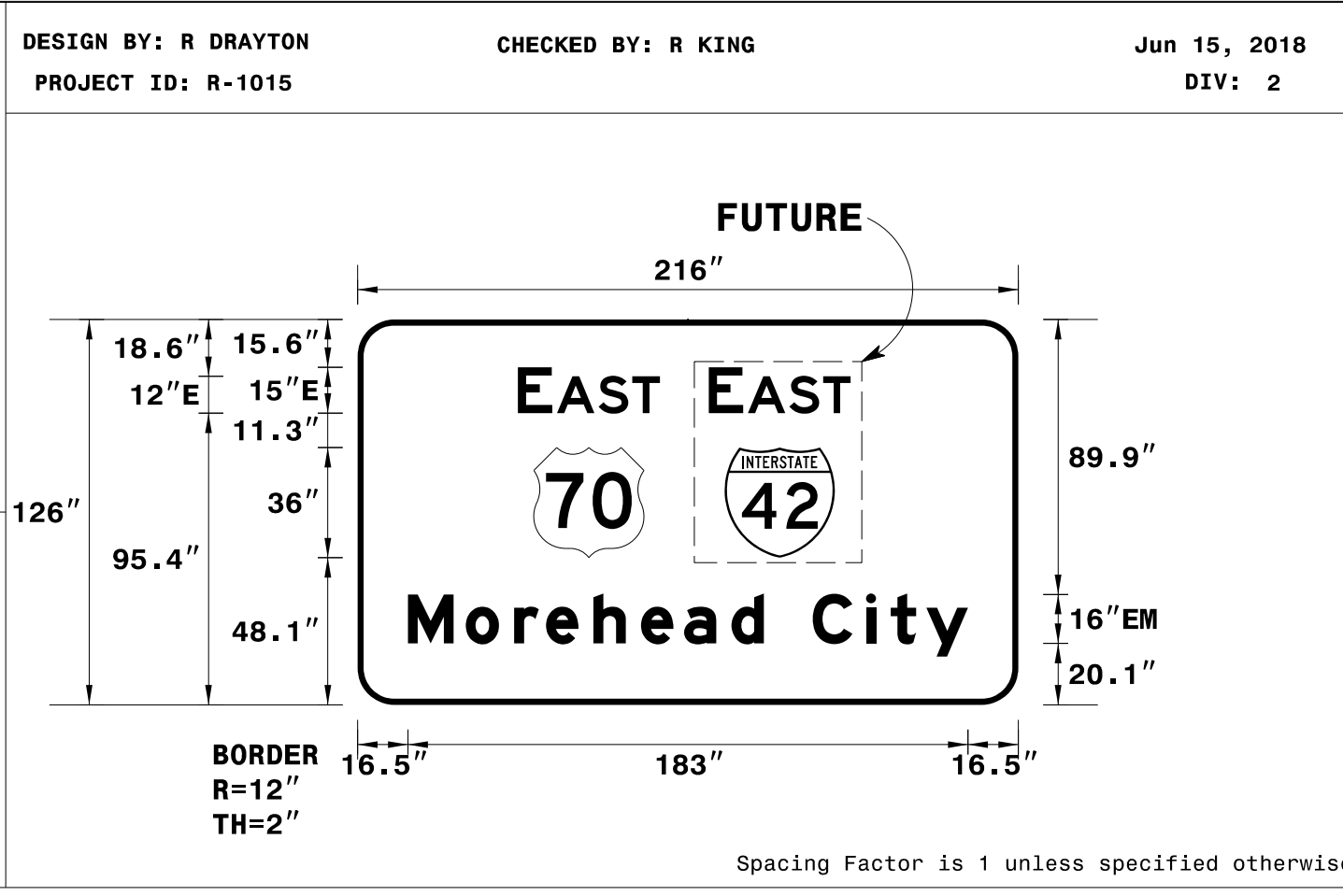


SIGN NUMBER: 4, 8 & 13
TYPE: A
QUANTITY: 3
SIGN WIDTH: 18'-0"
HEIGHT: 10'-6"
TOTAL AREA: 189.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 208.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	57.6	48.1	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM



- 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 on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	B	U	S	I	N	E	S	S	Series/Size		
66.5	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	105.2	E 2000	
										86.3	
										E 2000	
142.7	15.9	2.2	10.7	11	9	66.5				48.8	
										EM 2000	
73.1	17	15.2	15.5	15.5	8.2	14.4	15.5	10.6	73.1	111.8	
										E 2000	
80.8	11.1	13.4	4.7	9	14.7	13.5	13.6	10.2	12.2	74.8	102.3

FILENAME: Guidsign_English_8-2-13
NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter


Letter	E	A	S	T	Series/Size										
52.4	11.3	1.5	13.6	11	9	117.2	E 2000								
							46.4								
							EM 2000								
16.5	18.9	15.8	10.4	15.5	15.5	14.1	15.5	10.6	16	17.4	8	11.7	13.6	16.5	183

FILENAME: Guidsign_English_8-2-13
NORTH CAROLINA D.O.T. SIGN DETAIL

REVISIONS

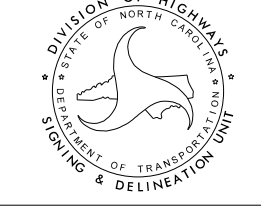
PLOT DRIVER: \$PLTDVRS\$
 USER: \$USER\$
 FILE: \$PWVARVAULTPATHDESIG\$
 DATE: \$DATES\$
 SCALE: \$SCALESHORT\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$

APPROVED: *Ron King* DATE: 9/19/2018



PROPOSED SIGN DESIGNS

SCALE: NTS	REVISIONS
DATE: \$DATES\$	
DWG. BY: J DOWDY	
DESIGN BY: R DRAYTON	
REVIEWED BY: R KING	

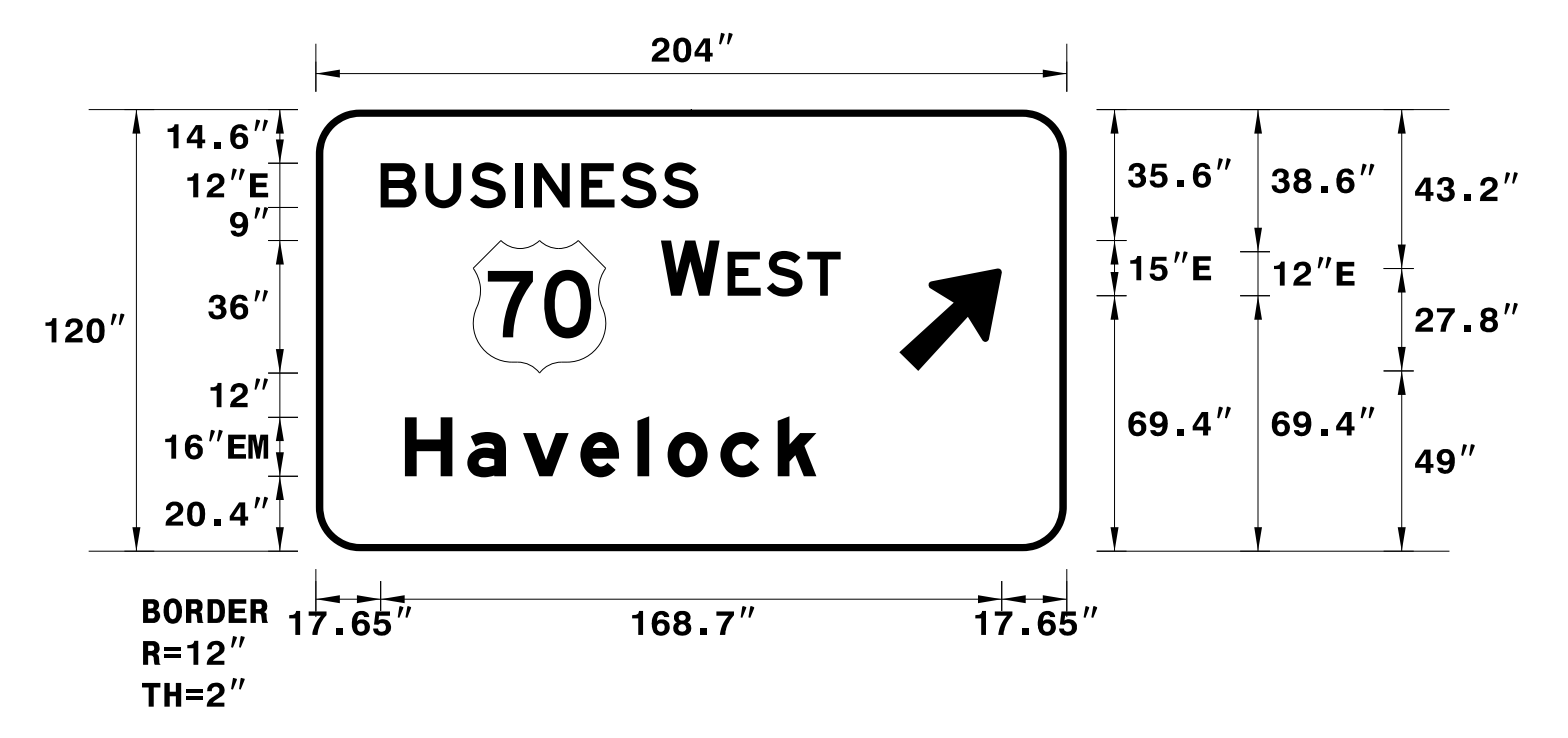


SIGN NUMBER: 5B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 17'-0"
 HEIGHT: 10'-0"
 TOTAL AREA: 170.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 3
 LENGTH: 196.0

BACKG COLOR: Green
 COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM

SYMBOL	X	Y	WID	HT
M1_4	42.8	48.4	36	36
AR_Type A	158.6	49	22.4	35.3

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 Apr 04, 2018
 PROJECT ID: R-1015
 DIV: 2



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 on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size	Text Length
B	U	S	I	N	E	S	S				E 2000	86.3
17.6	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	100.1		E 2000	48.8
W	E	S	T								EM 2000	111.8
93.8	15.9	2.2	10.7	11	9	61.5						
H	a	v	e	l	o	c	k					
24.2	17	15.2	15.5	15.5	8.2	14.4	15.5	10.6	68			

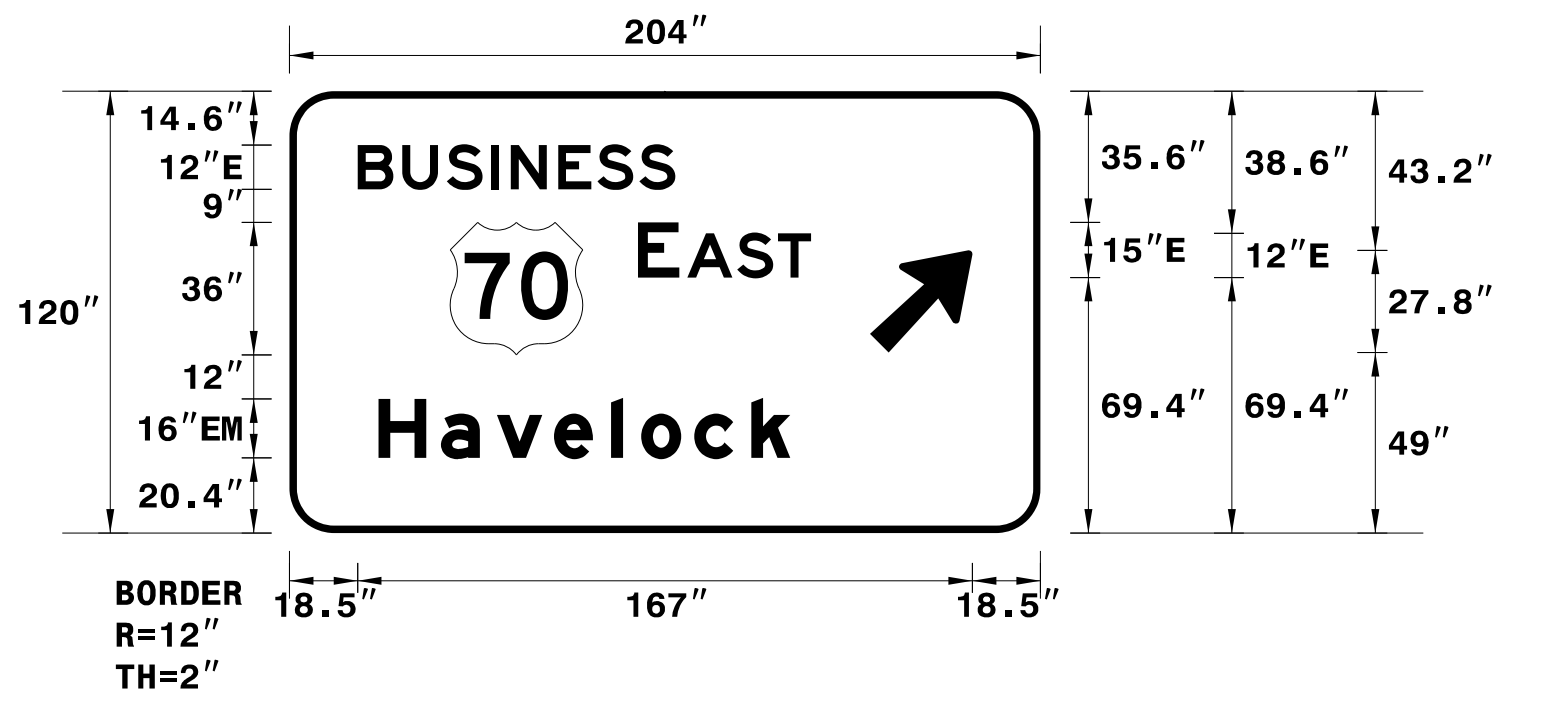
FILENAME: R-1015_Sign_Designs_GuideSIGN NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 7B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 17'-0"
 HEIGHT: 10'-0"
 TOTAL AREA: 170.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 3
 LENGTH: 196.0

BACKG COLOR: Green
 COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM

SYMBOL	X	Y	WID	HT
M1_4	43.6	48.4	36	36
AR_Type A	157.7	49	22.4	35.3

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 Apr 04, 2018
 PROJECT ID: R-1015
 DIV: 2



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 on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size	Text Length
B	U	S	I	N	E	S	S				E 2000	86.3
18.5	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	99.2		E 2000	47.1
E	A	S	T								EM 2000	111.8
94.6	11.3	2.2	13.6	11	9	62.3						
H	a	v	e	l	o	c	k					
24.2	17	15.2	15.5	15.5	8.2	14.4	15.5	10.6	68			

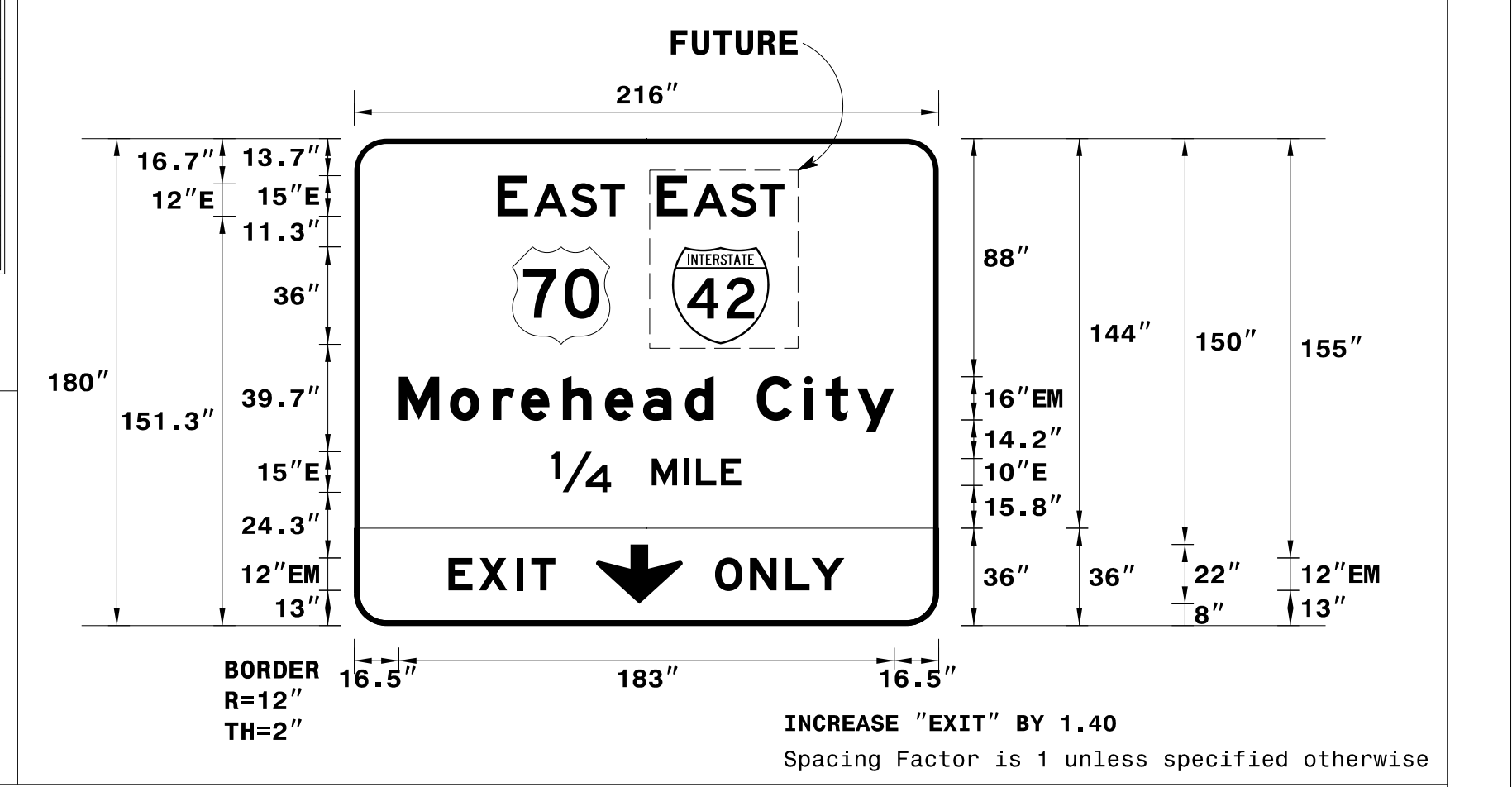
FILENAME: R-1015_Sign_Designs_GuideSIGN NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 12B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 18'-0"
 HEIGHT: 15'-0"
 TOTAL AREA: 270.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 6
 LENGTH: 208.0

BACKG COLOR: Green
 COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM

SYMBOL	X	Y	WID	HT
M1_4	58.5	104	36	36
ARDOWN	89.4	8	32	22

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 Jun 15, 2018
 PROJECT ID: R-1015
 DIV: 2



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 on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting on background with black recessed border.

THICKNESS: 1.5" RECESS: 0.5"

INCREASE "EXIT" BY 1.40
 Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS


Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size	Text Length				
E	A	S	T								E 2000	47.1				
52.9	11.3	2.2	13.6	11	9	116					EM 2000	183				
M	o	r	e	h	e	a	d	C	i	t	y	E 2000	70.1			
16.5	18.9	15.8	10.4	15.5	15.5	14.1	15.5	10.6	16	17.4	8	11.7	13.6	16.5		
1/4	M	I	L	E											E 2000	39.5
73	22	15	12	4.4	9.2	7.5	73								EM 2000	47.8
E	X	I	T													
34.8	11.2	14	5.4	8.9	141.7											
O	N	L	Y												EM 2000	47.8
133.4	13	13.1	9.6	12.1	34.9											

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

PLOT DRIVER: \$PLTDRV\$
 USER: \$USER\$
 FILE: \$PWVARVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 SCALE: \$SCALESORT\$
 DATE: \$DATE\$

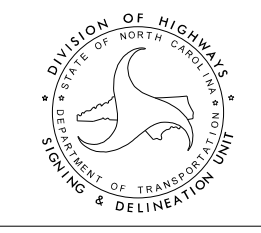
APPROVED: Ron King DATE: 9/19/2018



PROPOSED SIGN DESIGNS

REVISIONS	

SCALE: NTS	DATE: \$DATES\$
DWG. BY: J DOWDY	DESIGN BY: R DRAYTON
REVIEWED BY: R KING	



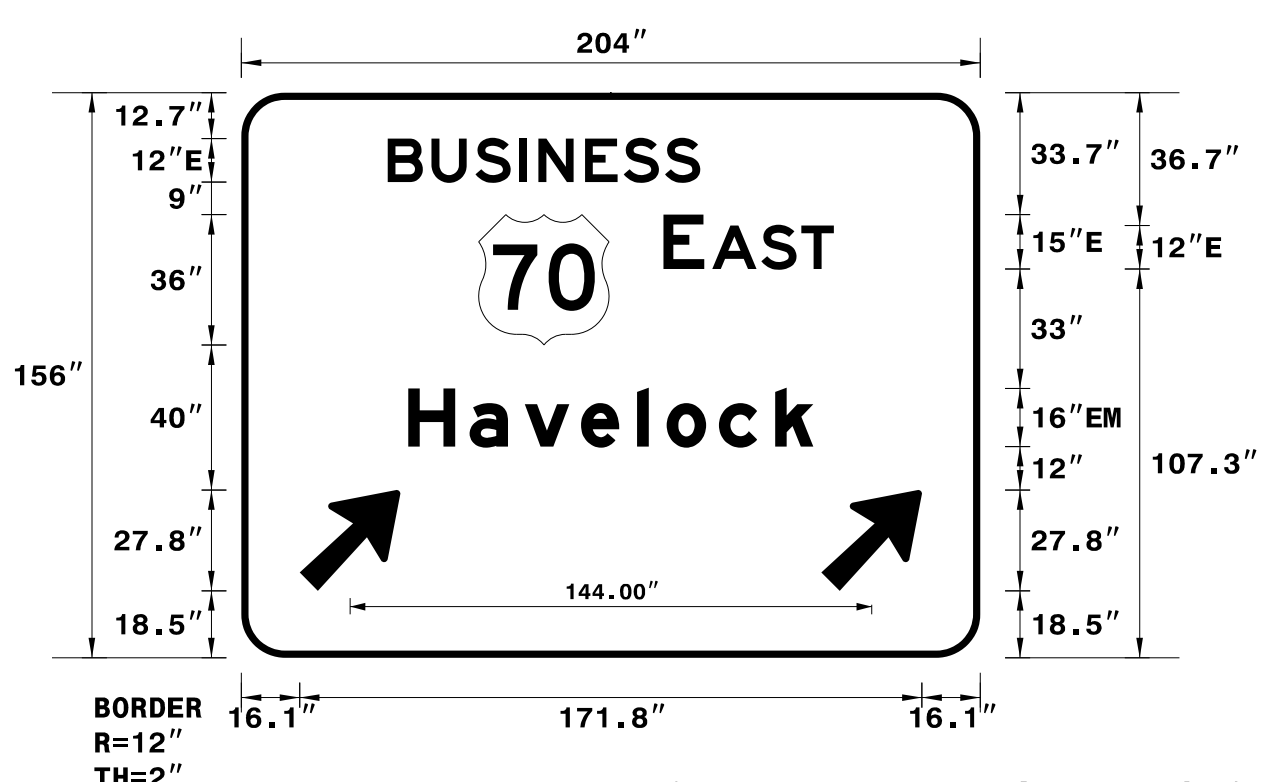
SIGN NUMBER: 9B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 17'-0"
 HEIGHT: 13'-0"
 TOTAL AREA: 221.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 4
 LENGTH: 196.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	65.5	86.3	36	36
AR_Type A	16.1	18.5	22.4	35.3
AR_Type A	160.1	18.5	22.4	35.3

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 Jun 15, 2018
 DIV: 2



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 on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size	Text Length
B	U	S	I	N	E	S	S				E 2000	86.3
40.4	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	77.3		E 2000	47.1
E	A	S	T								EM 2000	111.8
116.5	11.3	2.2	13.6	11	9	40.4						
H	a	v	e	l	o	c	k					
46.1	17	15.2	15.5	15.5	8.2	14.4	15.5	10.6	46.1			

FILENAME: Guidesign_English_8-2-13

NORTH CAROLINA D.O.T. SIGN DETAIL

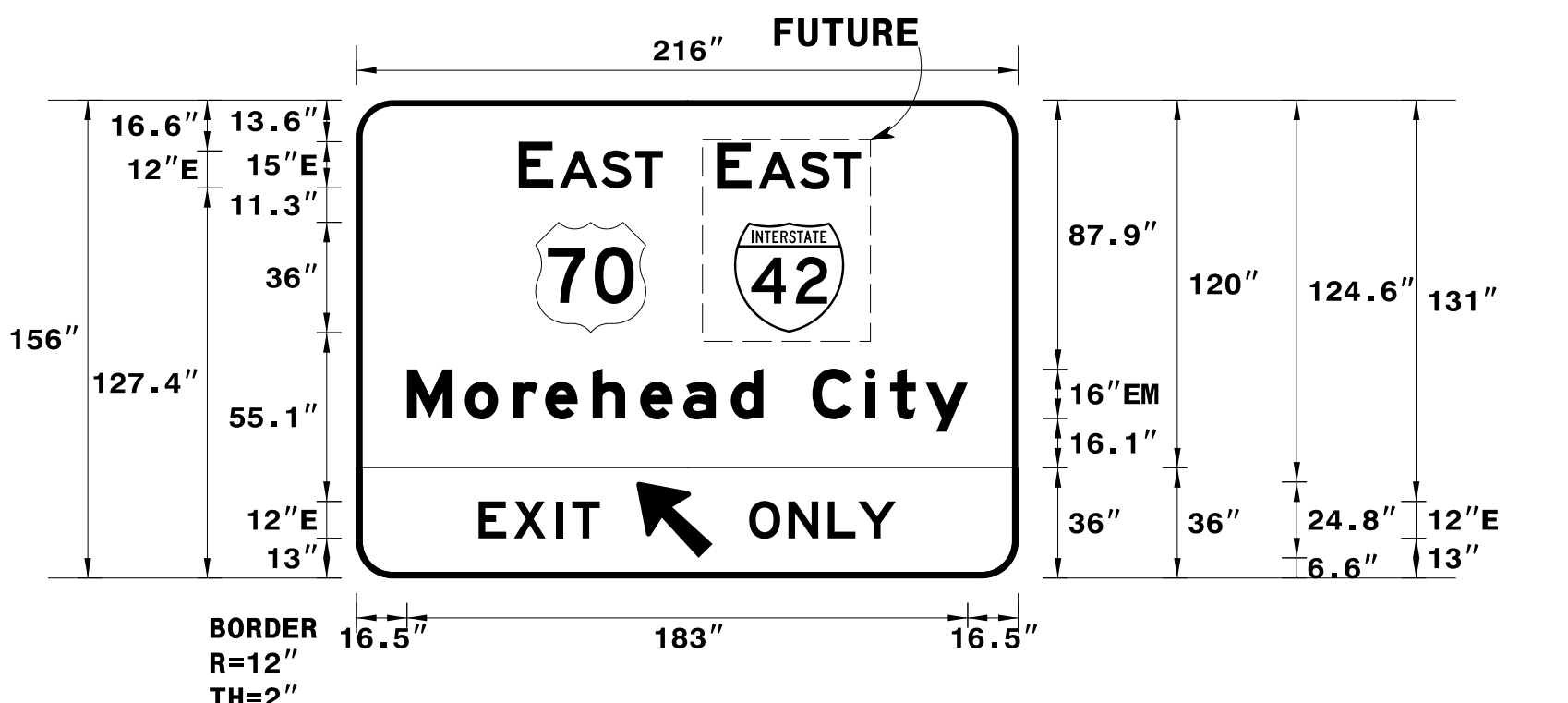
SIGN NUMBER: 10B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 18'-0"
 HEIGHT: 13'-0"
 TOTAL AREA: 234.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 4
 LENGTH: 208.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	58.5	80.1	36	36
AR_Type A	91.4	6.6	20	31.5

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 Jun 15, 2018
 DIV: 2



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 on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting on background with black recessed border. THICKNESS: 1.5" RECESS: 0.5"

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size	Text Length				
E	A	S	T								E 2000	47.1				
53	11.3	2.2	13.6	11	9	116					EM 2000	183				
M	o	r	e	h	e	a	d	C	i	t	y	E 2000	39.5			
16.5	18.9	15.8	10.4	15.5	15.5	14.1	15.5	10.6	16	17.4	8	11.7	13.6	16.5	E 2000	47.9
E	X	I	T													
39.9	11.4	13.9	5.1	9	136.6											
O	N	L	Y													
128.2	12.8	12.8	10	12.2	39.9											

FILENAME: Guidesign_English_8-2-13

NORTH CAROLINA D.O.T. SIGN DETAIL

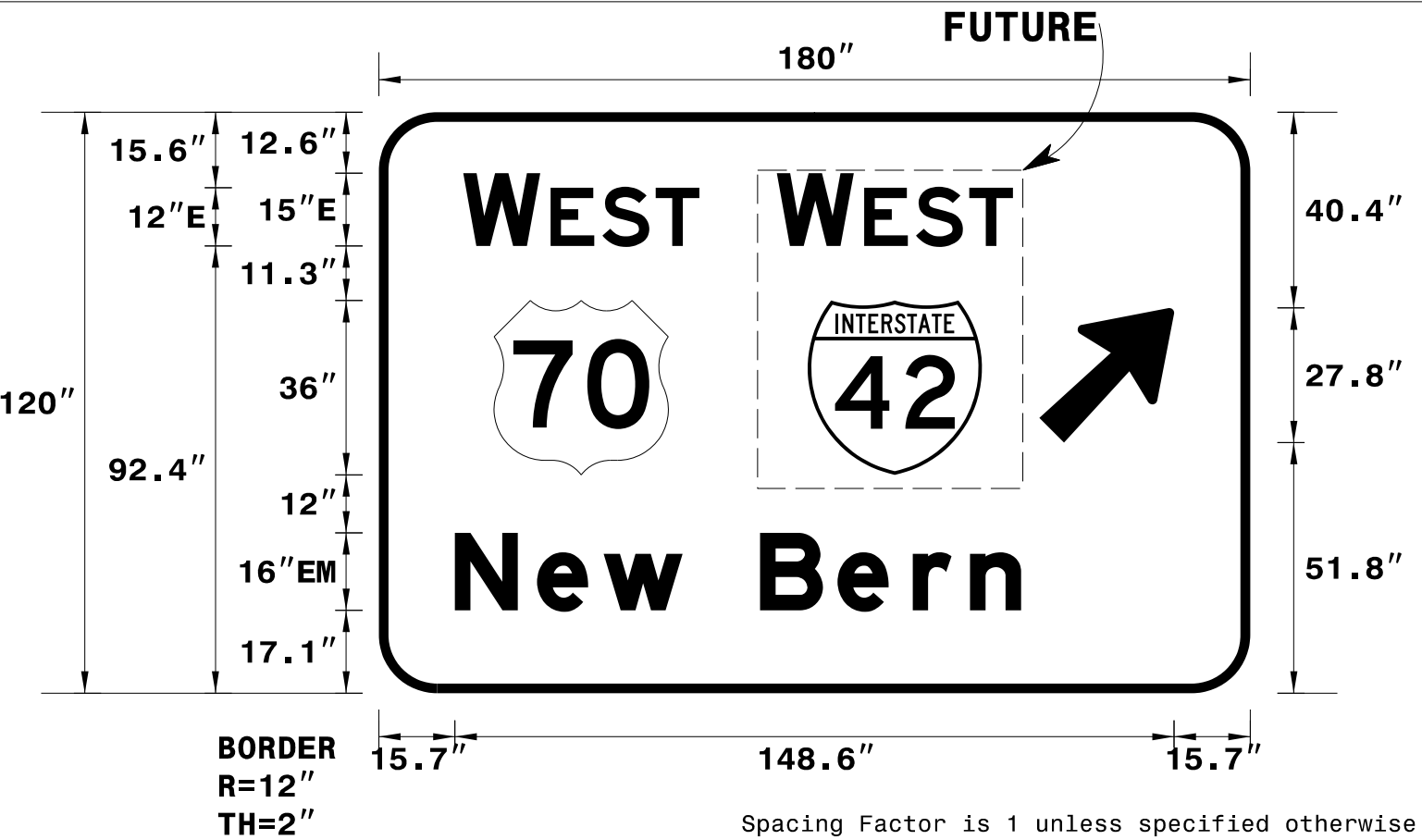
SIGN NUMBER: 14
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 15'-0"
 HEIGHT: 10'-0"
 TOTAL AREA: 150.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 3
 LENGTH: 172.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	136.5	51.8	22.4	35.3
M1_4	23.8	45.1	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 Jun 15, 2018
 DIV: 2



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 on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size	Text Length
W	E	S	T								E 2000	48.8
17.4	15.9	2.2	10.7	11	9	113.8					EM 2000	117
N	e	w	B	e	r	n						
15.7	17	13.8	16.3	16	16	15.5	11.8	10.6	47.3			


FILENAME: Guidesign_English_8-2-13

NORTH CAROLINA D.O.T. SIGN DETAIL

REVISIONS

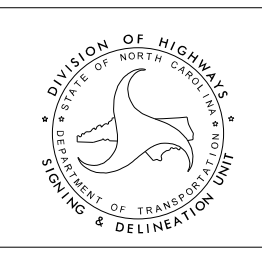
PLOT DRIVER: \$PLTDVRS\$
 USER: \$USER\$
 FILE: \$PWVARVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 SCALE: \$SCALESHORT\$
 DATE: \$DATE\$

APPROVED: Ronald W. King DATE: 9/19/2018



PROPOSED SIGN DESIGNS

REVISIONS	

SCALE: NTS	
DATE: \$DATES\$	
DWG. BY: J DOWDY	
DESIGN BY: R DRAYTON	
REVIEWED BY: R KING	CADD FILE

SIGN NUMBER: 101
 TYPE: B
 QUANTITY: 1
 SIGN WIDTH: 9'-6"
 HEIGHT: 3'-0"
 TOTAL AREA: 28.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 3"
 NO. Z BARS: 2
 LENGTH: 106.0

BACKG COLOR: Green
 COPY COLOR: White

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 C sheeting.
- Background shall be Grade C reflective sheeting.

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 May 16, 2018
 PROJECT ID: R-1015
 DIV: 2

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 103
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 14'-0"
 HEIGHT: 7'-0"
 TOTAL AREA: 98.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"
 NO. Z BARS: 2
 LENGTH: 160.0

BACKG COLOR: Green
 COPY COLOR: White

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 C sheeting.
- Background shall be Grade C reflective sheeting.

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 May 16, 2018
 PROJECT ID: R-1015
 DIV: 2

Spacing Factor is 1 unless specified otherwise

PROJ. REFERENCE NO.	SHEET NO.
R-1015	S-4C

HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	98
D 2000	39.8
D 2000	12.7

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	54.5
EM 2000	137
E 2000	65.9

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 122
 TYPE: B
 QUANTITY: 1
 SIGN WIDTH: 8'-0"
 HEIGHT: 3'-0"
 TOTAL AREA: 24.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 3"
 NO. Z BARS: 2
 LENGTH: 88

BACKG COLOR: Green
 COPY COLOR: White

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 C sheeting.
- Background shall be Grade C reflective sheeting.

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 May 16, 2018
 PROJECT ID: R-1015
 DIV: 2

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 102B & 105B
 TYPE: A
 QUANTITY: 2
 SIGN WIDTH: 13'-0"
 HEIGHT: 12'-0"
 TOTAL AREA: 156.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 3
 LENGTH: 148.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	40.7	71.8	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

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.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 May 16, 2018
 PROJECT ID: R-1015
 DIV: 2

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	80
D 2000	34.2
D 2000	12.4

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	86.3
E 2000	48.8
EM 2000	111.8
E 2000	52.6

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

REVISIONS

PLOT DRIVER: \$PLTDVRS\$
 USER: \$USER\$
 FILE: \$PWVAVVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 SCALE: \$SCALESORT\$
 DATE: \$DATE\$

APPROVED: *Ron King* DATE: 9/19/2018

PROPOSED SIGN DESIGNS

SCALE: NTS	REVISIONS
DATE: \$DATES\$	
DWG. BY: J DOWDY	
DESIGN BY: R DRAYTON	
REVIEWED BY: R KING	

CADD FILE

SIGN NUMBER: 107B & 110B BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 2

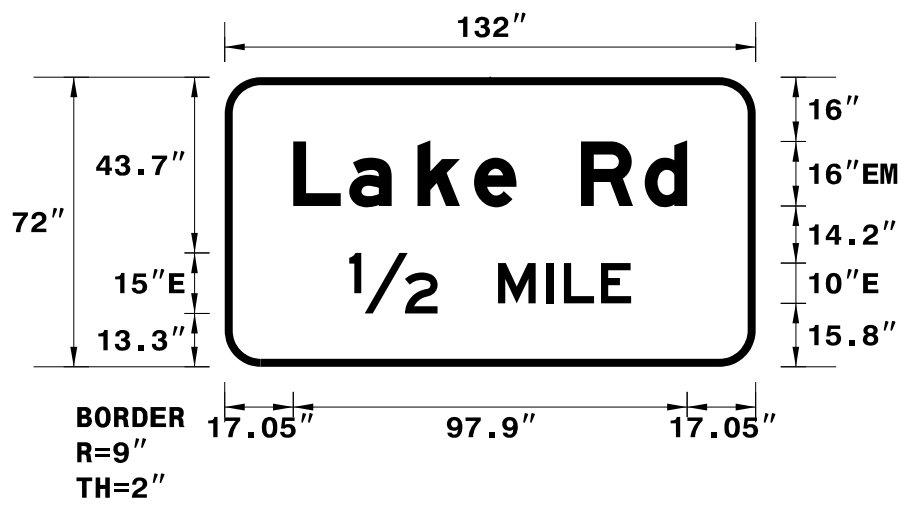
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 11'-0"
 HEIGHT: 6'-0"
 TOTAL AREA: 66.0 Sq.Ft.

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

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 124.0

DESIGN BY: R DRAYTON CHECKED BY: R KING May 16, 2018
 PROJECT ID: R-1015 DIV: 2



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.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	97.9
E 2000	70.1

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 123 BACKG COLOR: Green/Green
 TYPE: B COPY COLOR: White
 QUANTITY: 1

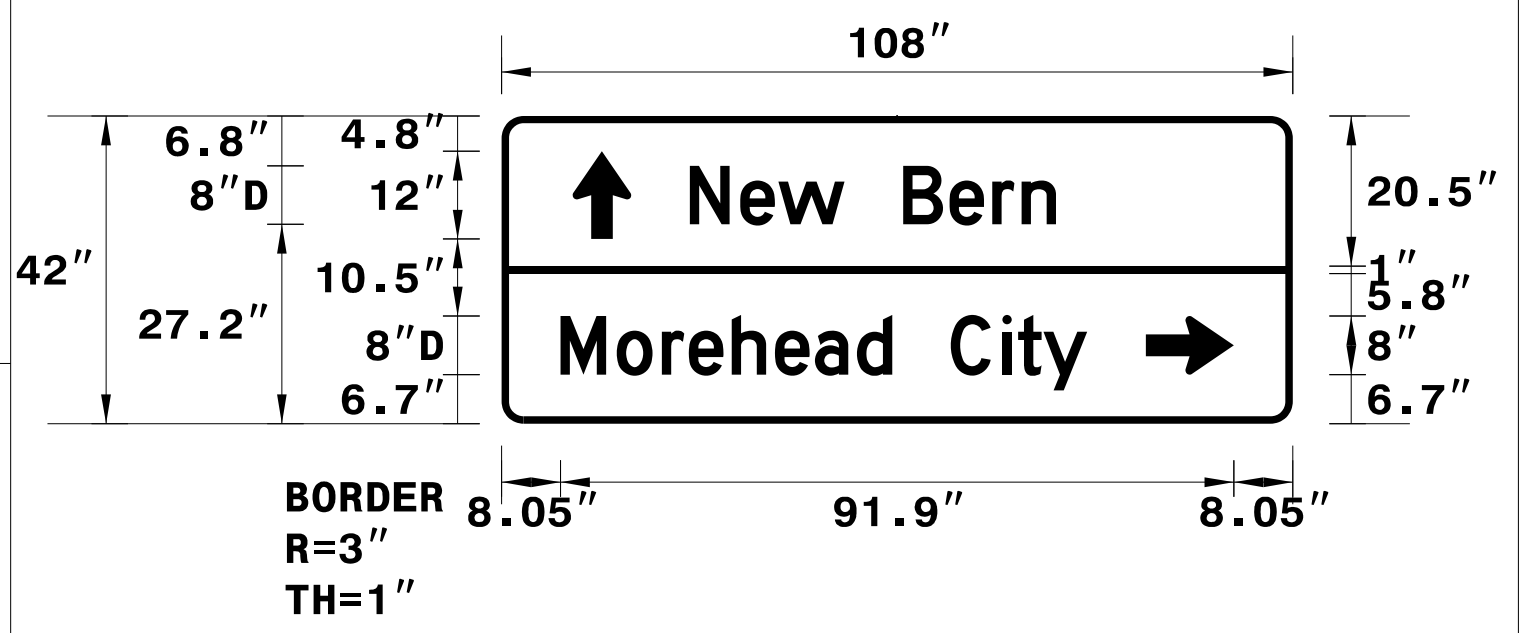
SYMBOL	X	Y	WID	HT
AR_Type D	9.7	25.2	8	12
AR_Type D	88	6.7	8	12

SIGN WIDTH: 9'-0"
 HEIGHT: 3'-6"
 TOTAL AREA: 31.5 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 3"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 100.0

DESIGN BY: R DRAYTON CHECKED BY: R KING Jun 22, 2018
 PROJECT ID: R-1015 DIV: 2



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
D 2000	50
D 2000	71.9

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 106B & 111B BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 2

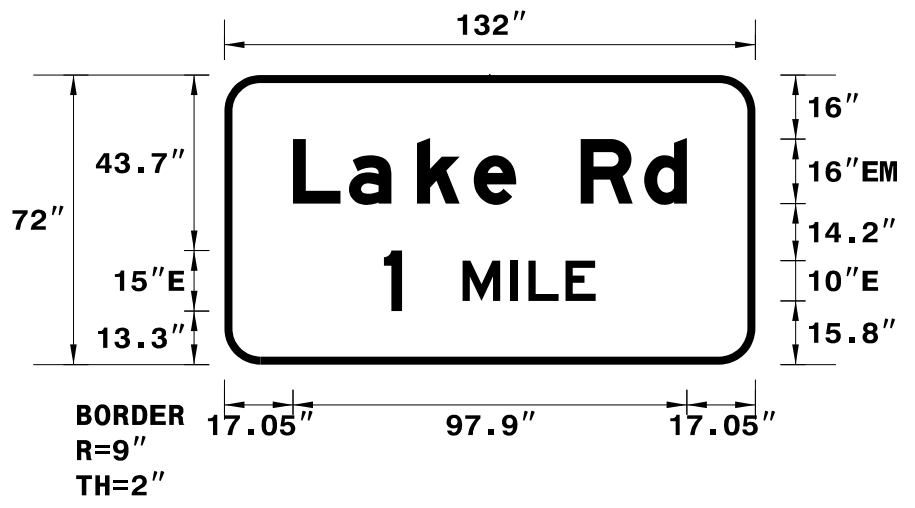
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 11'-0"
 HEIGHT: 6'-0"
 TOTAL AREA: 66.0 Sq.Ft.

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

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 124.0

DESIGN BY: R DRAYTON CHECKED BY: R KING Apr 10, 2018
 PROJECT ID: R-1015 DIV: 2



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.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	97.9
E 2000	52.6

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 104B BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

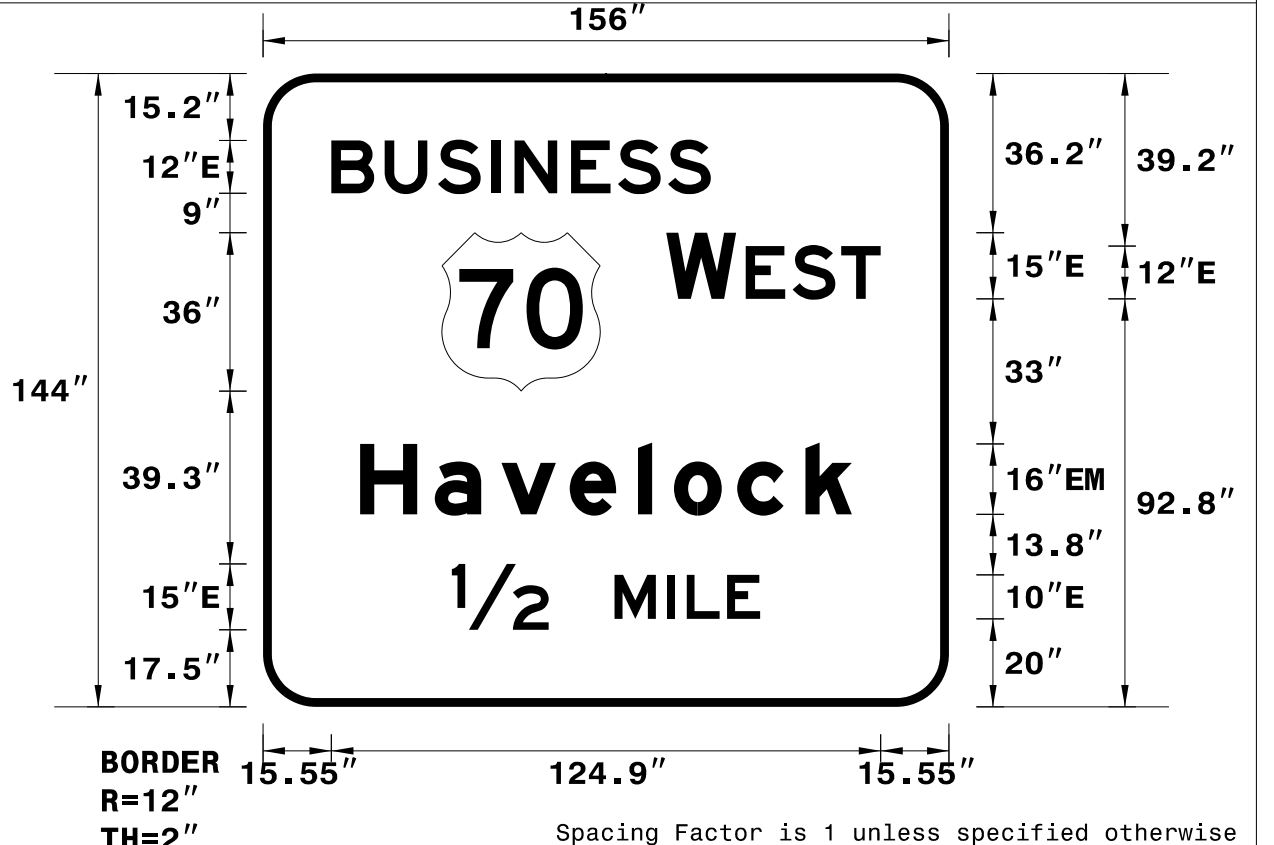
SYMBOL	X	Y	WID	HT
MI_4	40.7	71.8	36	36

SIGN WIDTH: 13'-0"
 HEIGHT: 12'-0"
 TOTAL AREA: 156.0 Sq.Ft.

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

NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 148.0

DESIGN BY: R DRAYTON CHECKED BY: R KING May 16, 2018
 PROJECT ID: R-1015 DIV: 2



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.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	86.3
E 2000	48.8
EM 2000	111.8
E 2000	70.1

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

APPROVED: *Ron King* DATE: 9/19/2018



PROPOSED SIGN DESIGNS

SCALE: NTS	REVISIONS
DATE: \$DATES	
DWG. BY: J DOWDY	
DESIGN BY: R DRAYTON	
REVIEWED BY: R KING	
CADD FILE	

PLOT DRIVER: \$PLTDVRS\$ PENTABLE: \$PENTBL\$ REVISIONS
 USER: \$USER\$ TIME: \$TIME\$ SCALE: \$SCALESHT\$
 DATE: \$DATE\$ FILE: \$PWVARVAULTPATHDESC\$

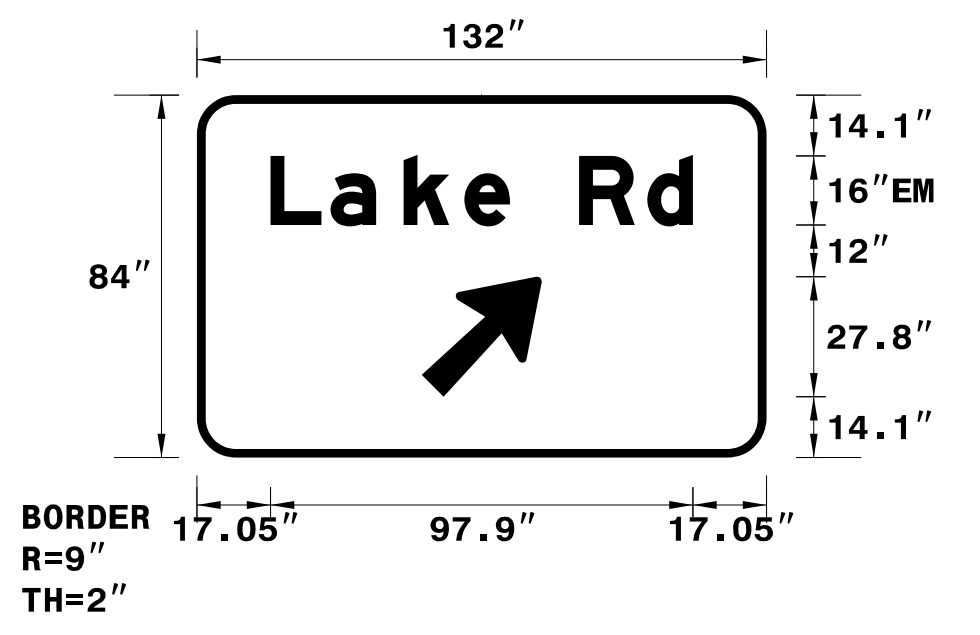
SIGN NUMBER: 108B & 109B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 11'-0"
HEIGHT: 7'-0"
TOTAL AREA: 77.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 124.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	52.1	14.1	22.4	35.3

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
CHECKED BY: R KING
May 16, 2018
PROJECT ID: R-1015
DIV: 2



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. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

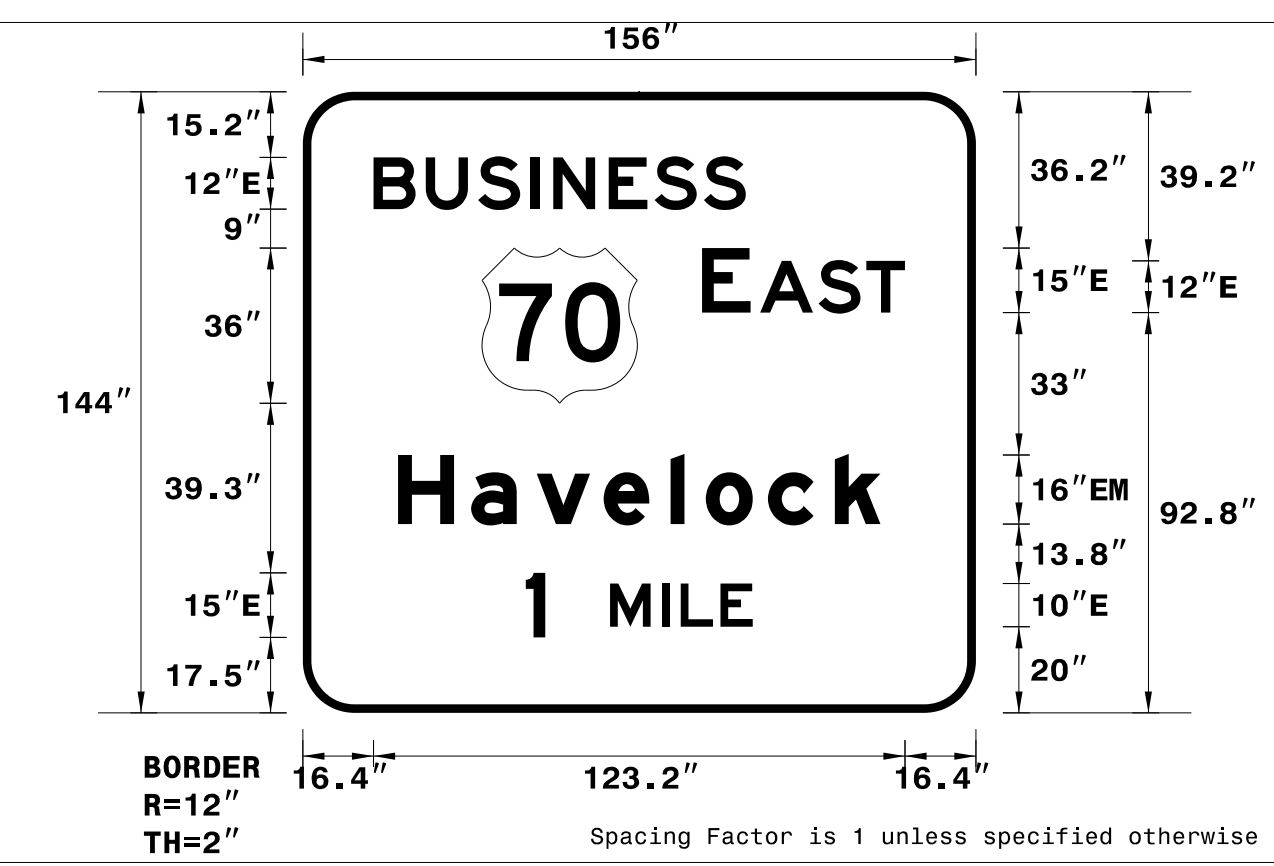
SIGN NUMBER: 113B & 117B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 13'-0"
HEIGHT: 12'-0"
TOTAL AREA: 156.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	41.5	71.8	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
CHECKED BY: R KING
May 16, 2018
PROJECT ID: R-1015
DIV: 2



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. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	97.9

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	86.3
E 2000	47.1
EM 2000	111.8
E 2000	52.6

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

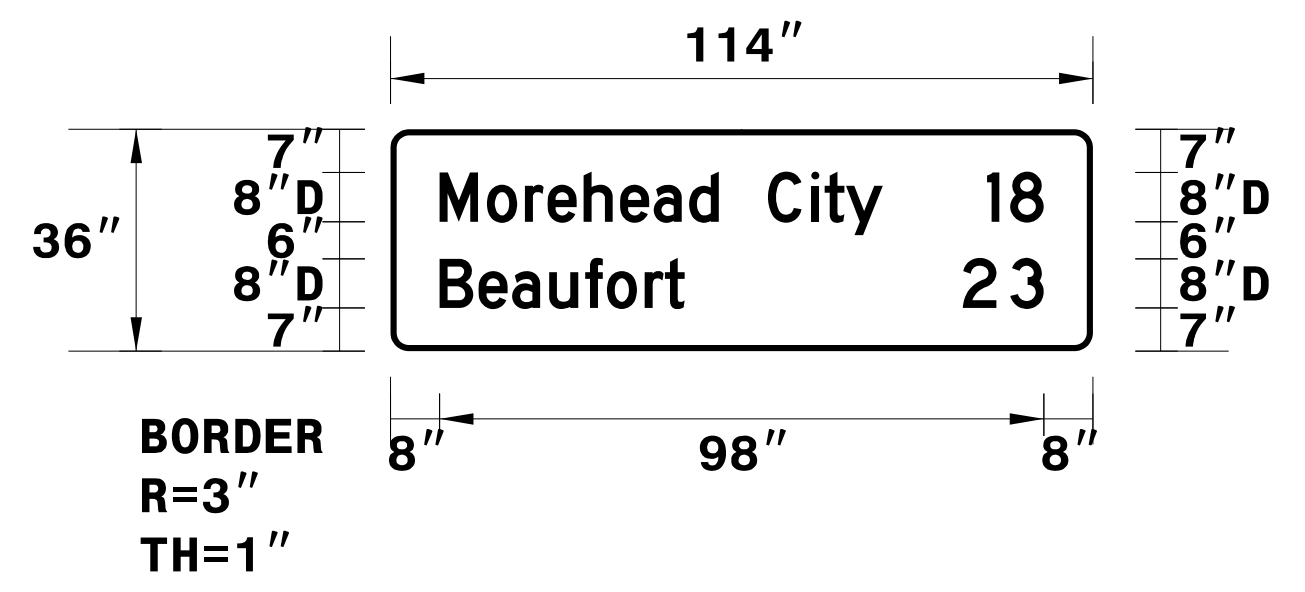
SIGN NUMBER: 112
TYPE: B
QUANTITY: 1
SIGN WIDTH: 9'-6"
HEIGHT: 3'-0"
TOTAL AREA: 28.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	10	25.2	8	12
AR_Type D	72	6.7	8	12

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
CHECKED BY: R KING
May 16, 2018
PROJECT ID: R-1015
DIV: 2



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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

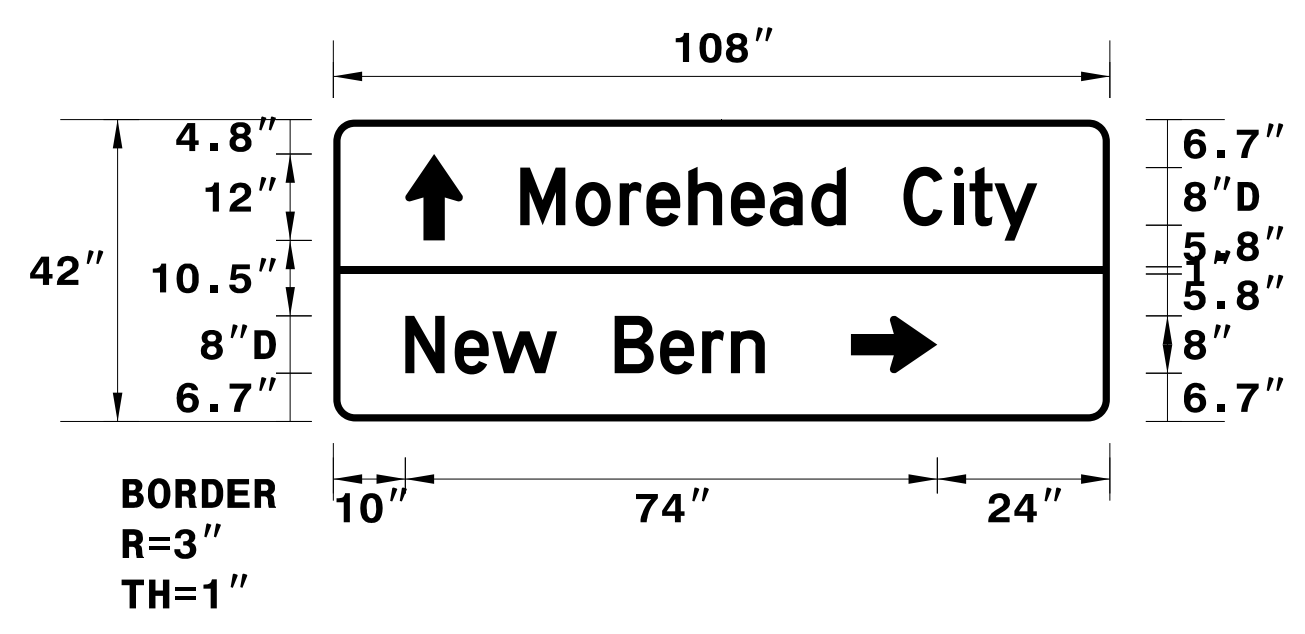
SIGN NUMBER: 124
TYPE: B
QUANTITY: 1
SIGN WIDTH: 9'-0"
HEIGHT: 3'-6"
TOTAL AREA: 31.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: 2
LENGTH: 100.0

BACKG COLOR: Green/Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	10	25.2	8	12
AR_Type D	72	6.7	8	12

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
CHECKED BY: R KING
Jun 22, 2018
PROJECT ID: R-1015
DIV: 2



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
D 2000	98
D 2000	39.8
D 2000	13.1

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	71.9
D 2000	50

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

APPROVED: *Ron King* DATE: 9/19/2018

PROPOSED SIGN DESIGNS

SCALE: NTS	REVISIONS
DATE: \$DATES	
DWG. BY: J DOWDY	
DESIGN BY: R DRAYTON	
REVIEWED BY: R KING	

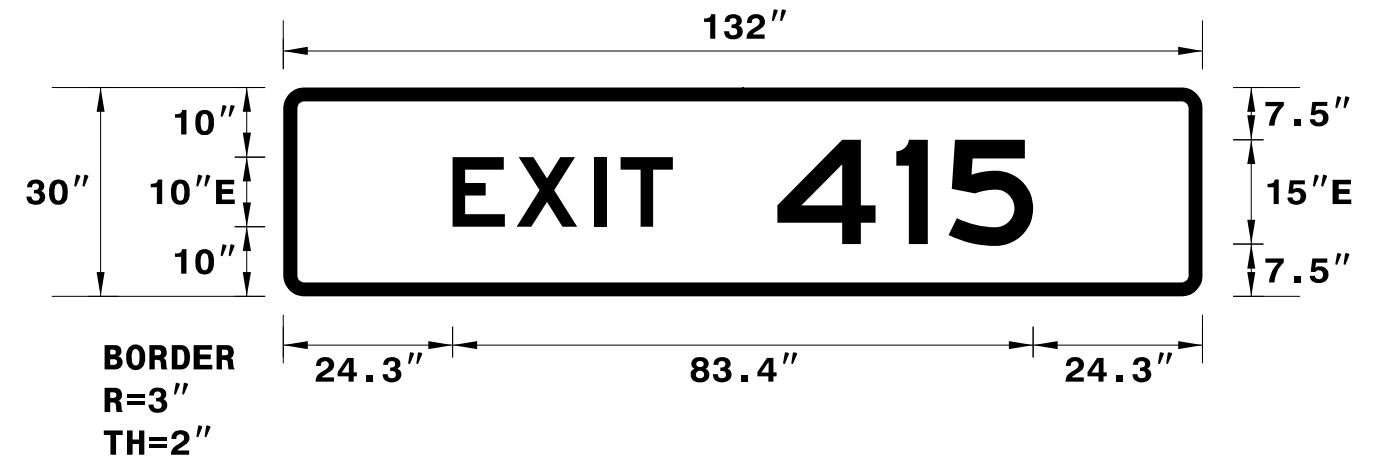
CADD FILE

PLOT DRIVER: \$PLTDVRS\$
 USER: \$USER\$
 FILE: \$PWVARVAULTPATHDESC\$
 REVISIONS
 DATE: \$DATES\$
 TIME: \$TIME\$
 SCALE: \$SCALESHORT\$

SIGN NUMBER: 106A, 107A, 108A, 109A, 110A & 111A
 TYPE: B
 QUANTITY: 6
 SIGN WIDTH: 11'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 27.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 3"
 NO. Z BARS: 2
 LENGTH: 124.0

SYMBOL	X	Y	WID	HT

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 PROJECT ID: R-1015
 Apr 11, 2018
 DIV: 2



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.

INCREASE "EXIT" SPACING BY 1.20
 Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

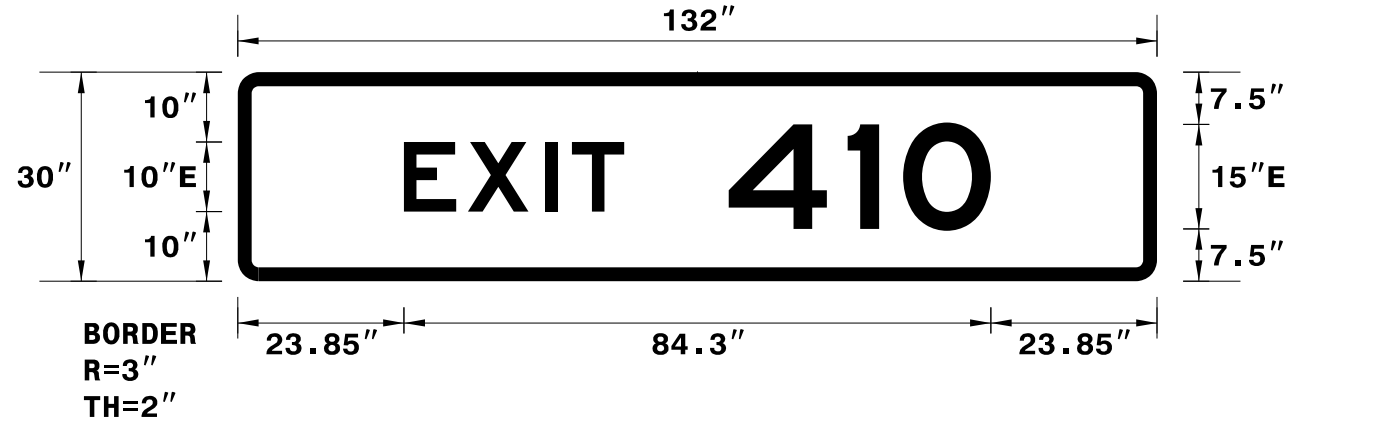
	E	X	I	T		Series/Size
24.3	9.2	11.1	3.8	7.5	76.1	E 2000
	4	1	5			31.6
70.9	17.1	7.5	12.2	24.3		E 2000
						36.8

FILENAME: Guidesign_English_8-2-13

SIGN NUMBER: 113A, 114A, 117A & 116A
 TYPE: B
 QUANTITY: 4
 SIGN WIDTH: 11'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 27.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 3"
 NO. Z BARS: 2
 LENGTH: 124.0

SYMBOL	X	Y	WID	HT

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 PROJECT ID: R-1015
 May 16, 2018
 DIV: 2



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.

INCREASE "EXIT" SPACING BY 1.20
 Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

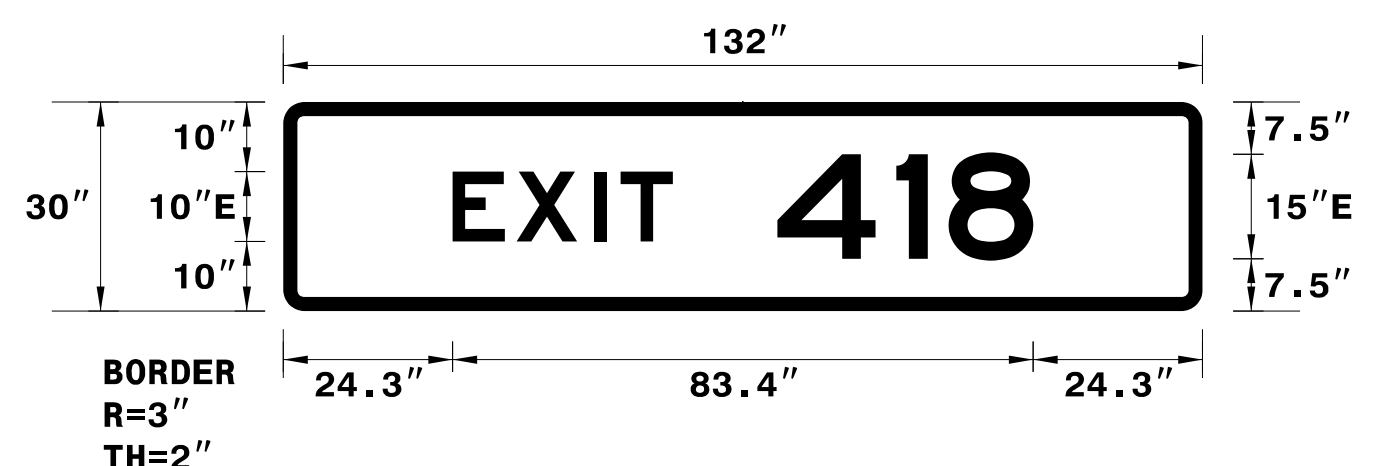
	E	X	I	T		Series/Size
23.9	9.2	11.1	3.8	7.5	76.5	E 2000
	4	1	0			31.6
70.5	17.1	7.9	12.6	23.9		E 2000
						37.7

FILENAME: Guidesign_English_8-2-13

SIGN NUMBER: 102A, 104A & 105A
 TYPE: B
 QUANTITY: 3
 SIGN WIDTH: 11'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 27.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 3"
 NO. Z BARS: 2
 LENGTH: 124.0

SYMBOL	X	Y	WID	HT

DESIGN BY: R DRAYTON
 CHECKED BY: R KING
 PROJECT ID: R-1015
 Apr 11, 2018
 DIV: 2



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.

INCREASE "EXIT" SPACING BY 1.20
 Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	X	I	T		Series/Size
24.3	9.2	11.1	3.8	7.5	76.1	E 2000
	4	1	8			31.6
70.9	17.1	7.5	12.2	24.3		E 2000
						36.8

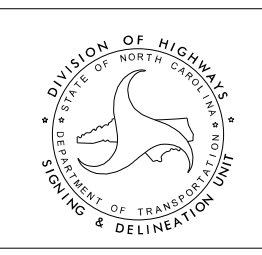
FILENAME: Guidesign_English_8-2-13

APPROVED: *Ron King* DATE: 9/19/2018



PROPOSED SIGN DESIGNS

SCALE: NTS
 DATE: \$DATES
 DWG. BY: J DOWDY
 DESIGN BY: R DRAYTON
 REVIEWED BY: R KING



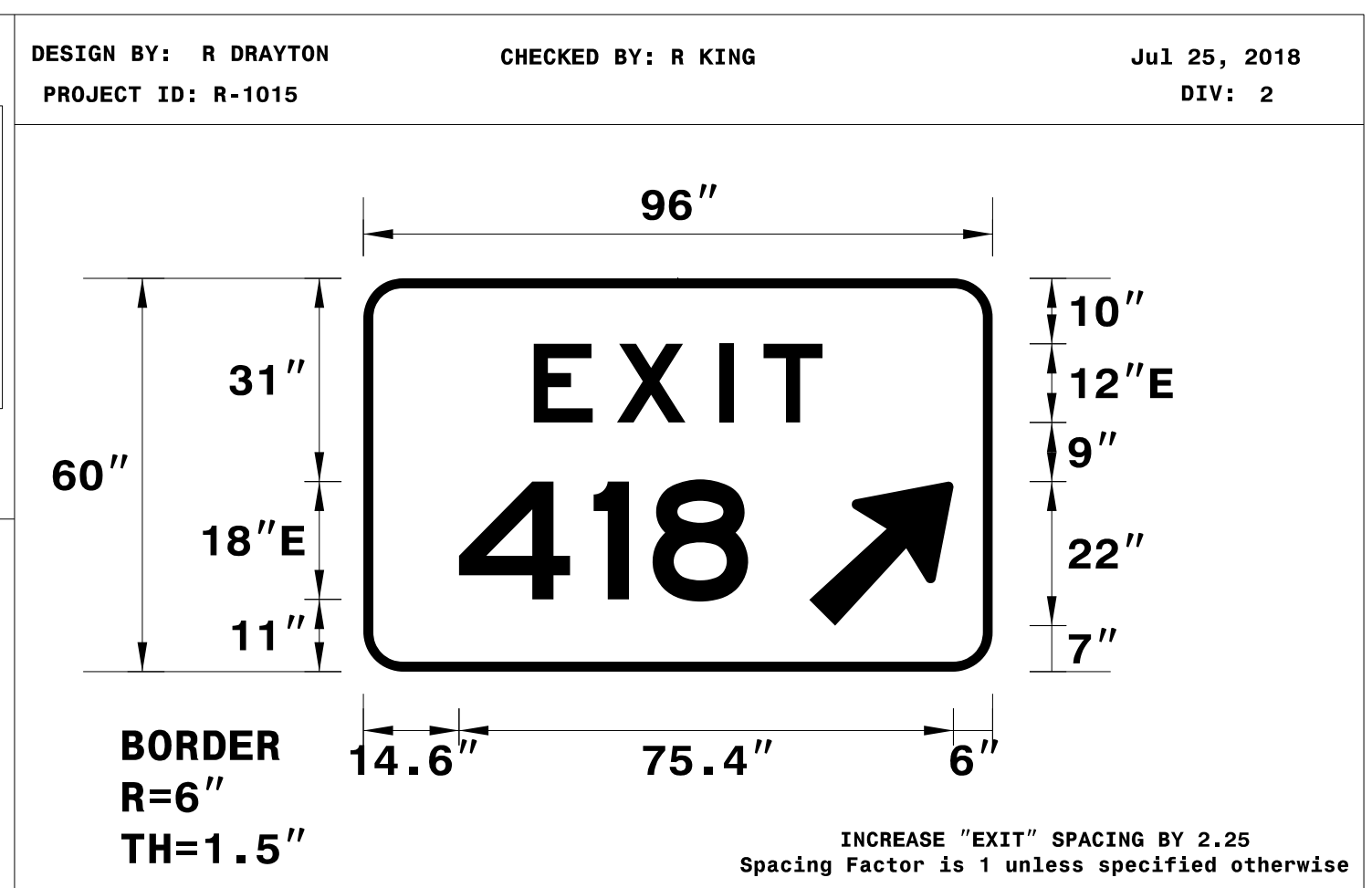
REVISIONS	

PLOT DRIVER: \$PLTDVRS\$
 USER: \$USER\$
 FILE: \$PWVARVAULTPATHDESC\$
 REVISIONS
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 SCALE: \$SCALESORT\$
 DATE: \$DATE\$

SIGN NUMBER: 201 & 202A
 TYPE: A
 QUANTITY: 2
 SIGN WIDTH: 8'-0"
 HEIGHT: 5'-0"
 TOTAL AREA: 40.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 88.0

SYMBOL	X	Y	WID	HT
AR_Type A	68	7	17.5	28

BACKG COLOR: Green
 COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM



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

LETTER POSITIONS

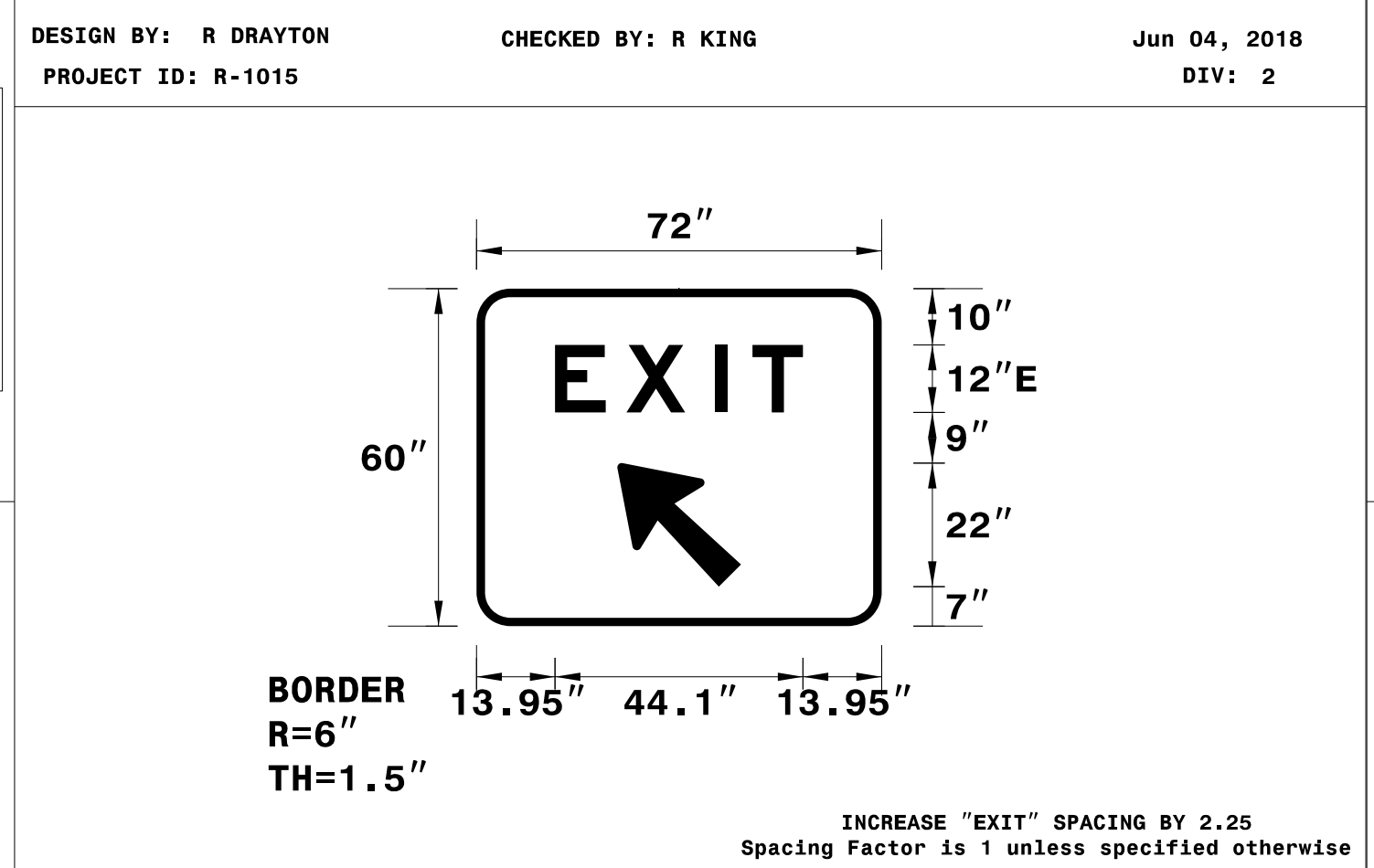
Letter spacings are to start of next letter										Series/Size	Text Length
	E	X	I	T						E 2000	44.1
26	12.7	15.7	6.6	9	26					E 2000	44.1
	4	1	8							E 2000	44.1
14.6	20.5	9	14.6	37.3							

FILENAME: Guidesign_English_8-2-13
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 203A
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 6'-0"
 HEIGHT: 5'-0"
 TOTAL AREA: 30.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 64.0

SYMBOL	X	Y	WID	HT
AR_Type A	25	7	17.5	28

BACKG COLOR: Green
 COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM



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

LETTER POSITIONS

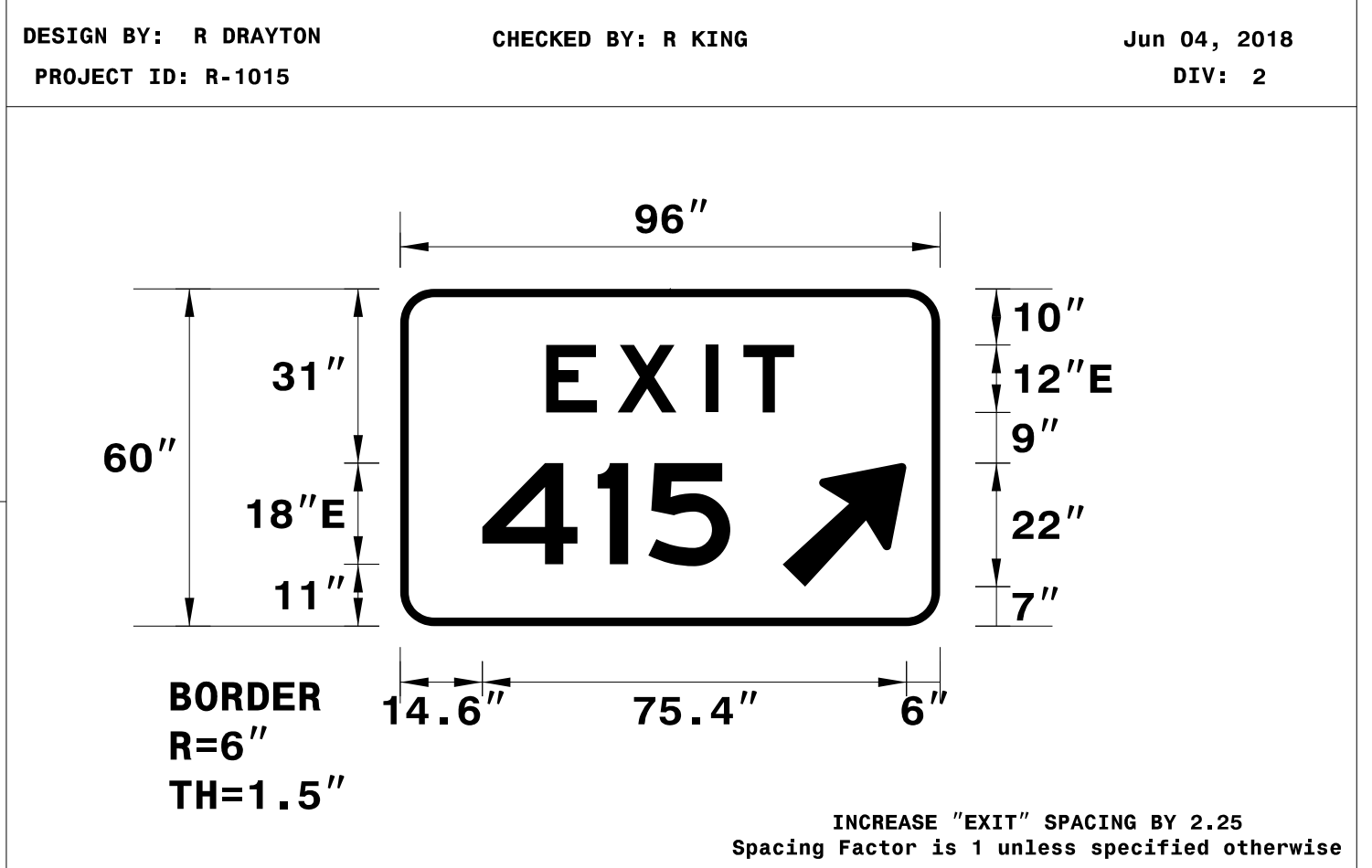
Letter spacings are to start of next letter										Series/Size	Text Length
	E	X	I	T						E 2000	44.1
14	12.7	15.7	6.6	9	14					E 2000	44.1
	4	1	5							E 2000	44.1
14.6	20.5	9	14.6	37.3							

FILENAME: Guidesign_English_8-2-13
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 204 & 205
 TYPE: A
 QUANTITY: 2
 SIGN WIDTH: 8'-0"
 HEIGHT: 5'-0"
 TOTAL AREA: 40.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 88.0

SYMBOL	X	Y	WID	HT
AR_Type A	68	7	17.5	28

BACKG COLOR: Green
 COPY COLOR: White
 MAT'L: 0.125" (3.2 mm) ALUMINUM



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

LETTER POSITIONS


Letter spacings are to start of next letter										Series/Size	Text Length
	E	X	I	T						E 2000	44.1
26	12.7	15.7	6.6	9	26					E 2000	44.1
	4	1	5							E 2000	44.1
14.6	20.5	9	14.6	37.3							

FILENAME: Guidesign_English_8-2-13
 NORTH CAROLINA D.O.T. SIGN DETAIL

REVISIONS


PLOT DRIVER: \$PLTDVRS\$
 USER: \$USER\$
 FILE: \$PWVARVAULTPATHDESC\$
 DATE: \$DATES\$
 TIME: \$TIME\$
 SCALE: \$SCALESHORT\$
 PENTABLE: \$PENTBL\$
 DATE: \$DATES\$
 TIME: \$TIME\$

APPROVED: Ron King DATE: 9/19/2018



PROPOSED SIGN DESIGNS

SCALE:	NTS
DATE:	\$DATES\$
DWG. BY:	J DOWDY
DESIGN BY:	R DRAYTON
REVIEWED BY:	R KING



REVISIONS	

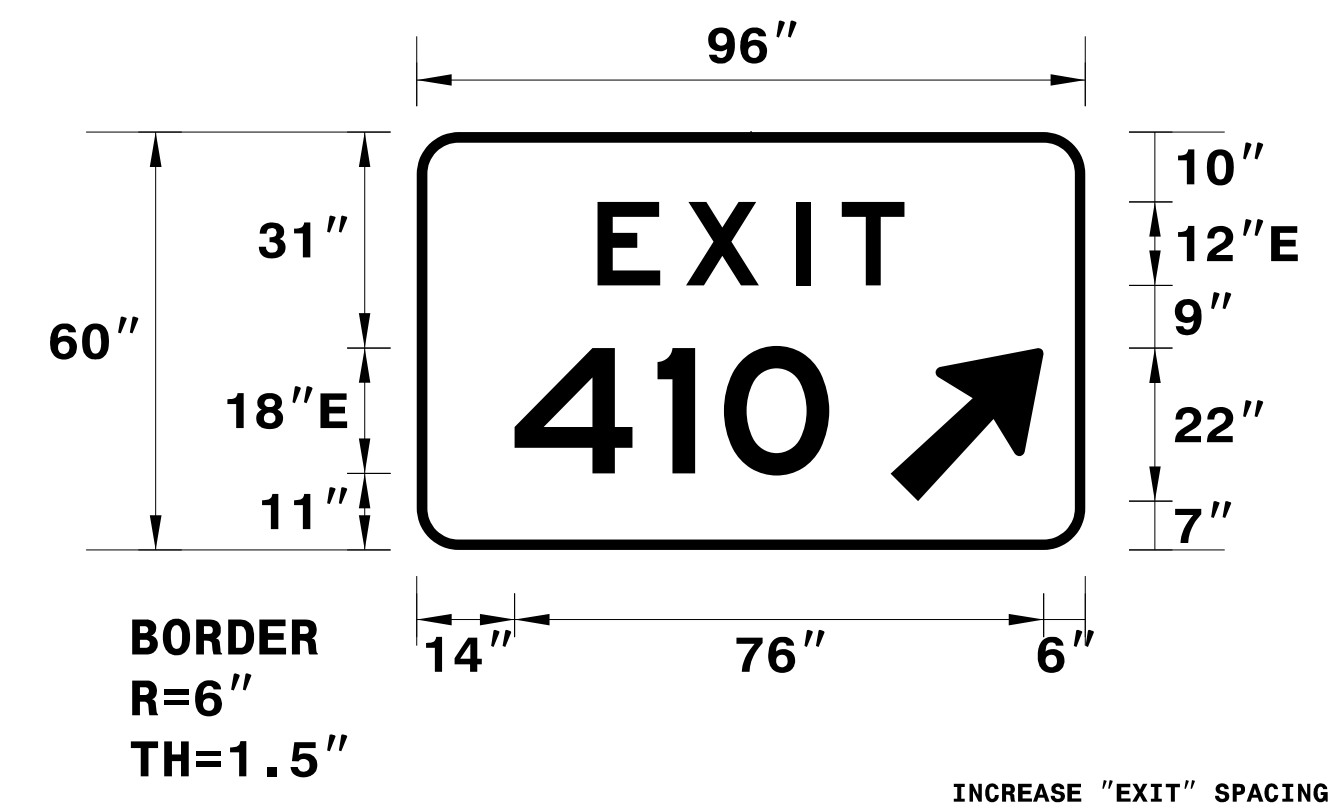
CADD FILE

SIGN NUMBER: 206 & 207A BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 2
 SIGN WIDTH: 8'-0"
 HEIGHT: 5'-0"
 TOTAL AREA: 40.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 88.0

SYMBOL	X	Y	WID	HT
AR_Type A	68	7	17.5	28

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON CHECKED BY: R KING Jun 04, 2018
 PROJECT ID: R-1015 DIV: 2



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.

INCREASE "EXIT" SPACING BY 2.25
 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	12.7	15.7	6.7	9	26		44.1	
	4	1	0			E 2000	45.2	
14	20.5	9.5	15.1	36.8				

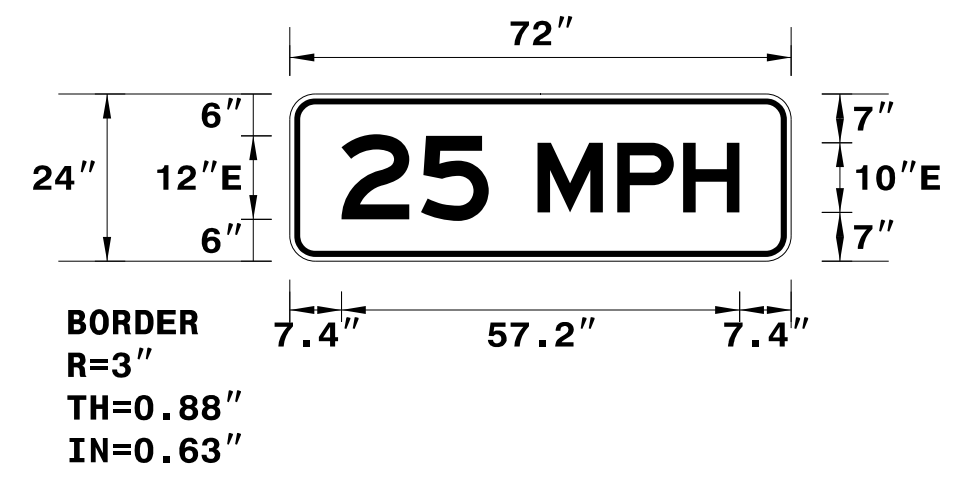
FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 203B & 208B BACKG COLOR: Yellow
 TYPE: B COPY COLOR: Black
 QUANTITY: 2
 SIGN WIDTH: 6'-0"
 HEIGHT: 2'-0"
 TOTAL AREA: 12.0 Sq.Ft.
 BORDER TYPE: RECESSED
 RECESS: 0.63"
 WIDTH: 0.88"
 RADII: 3"
 NO. Z BARS: 2
 LENGTH: 64.0

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON CHECKED BY: R KING Apr 05, 2018
 PROJECT ID: R-1015 DIV: 2



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter							Series/Size	Text Length
	2	5					E 2000	
7.4	11.4	9.7	43.4				21.1	
	M	P	H			E 2000	29	
35.6	11.5	9.5	8.1	7.4				

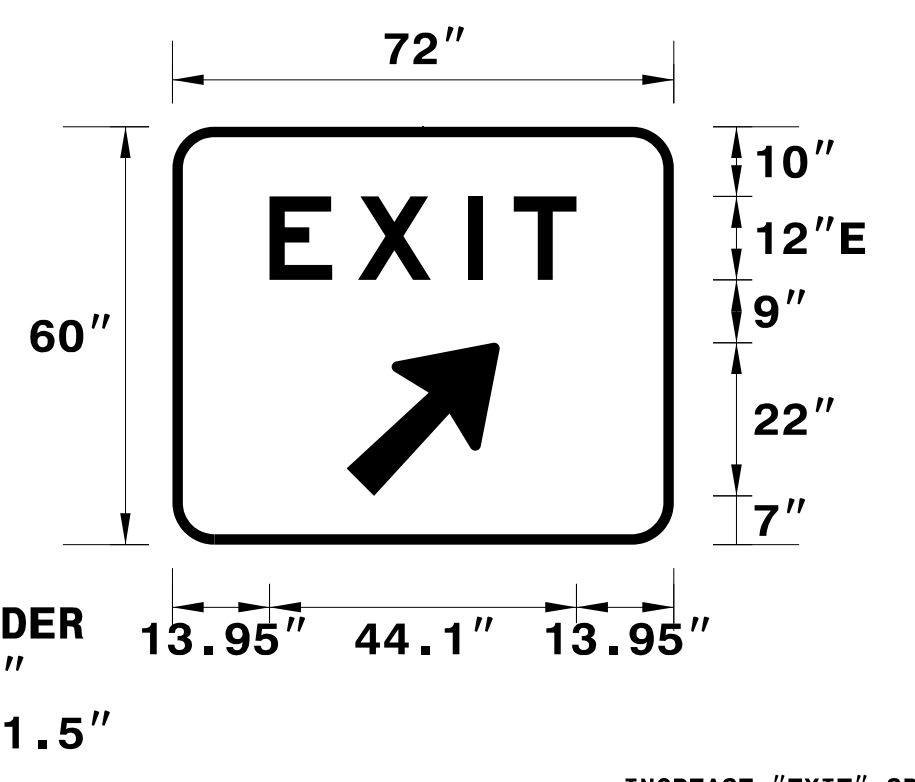
FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 208A BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1
 SIGN WIDTH: 6'-0"
 HEIGHT: 5'-0"
 TOTAL AREA: 30.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 64.0

SYMBOL	X	Y	WID	HT
AR_Type A	25	7	17.5	28

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON CHECKED BY: R KING Jun 04, 2018
 PROJECT ID: R-1015 DIV: 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.


INCREASE "EXIT" SPACING BY 1.20
 Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

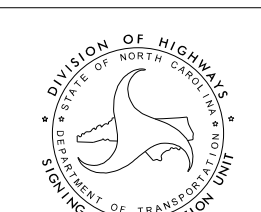
Letter spacings are to start of next letter							Series/Size	Text Length
	E	X	I	T			E 2000	
14	12.7	15.7	6.6	9	14		44.1	

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

APPROVED: *Ron King* DATE: 9/19/2018



PROPOSED SIGN DESIGNS



SCALE: NTS	REVISIONS
DATE: \$DATES	
DWG. BY: J DOWDY	
DESIGN BY: R DRAYTON	
REVIEWED BY: R KING	

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$ REVISIONS
 USER: \$USER\$ TIME: \$TIME\$ SCALE: \$SCALE\$
 DATE: \$DATE\$ FILE: \$PWVARVAULTPATHDESC\$

SIGN NUMBER: 202B & 207B	BACKG COLOR: Yellow	DESIGN BY: R DRAYTON	CHECKED BY: R KING	Jun 04, 2018
TYPE: B	COPY COLOR: Black	PROJECT ID: R-1015		DIV: 2
QUANTITY: 2				
SIGN WIDTH: 8'-0"				
HEIGHT: 2'-0"				
TOTAL AREA: 16.0 Sq.Ft.				
BORDER TYPE: FLUSH				
RECESS: 0.63"				
WIDTH: 0.88"				
RADII: 3"				
NO. Z BARS:	MAT'L: 0.125" (3.2 mm) ALUMINUM			
LENGTH:				

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

	2	5																			Series/Size
	19.4	11.4	9.7	55.4																	E 2000
																					21.1
	M	P	H																		E 2000
	47.6	11.5	9.5	8.1	19.4																29

FILENAME: Guidesign_English_8-2-13

NORTH CAROLINA D.O.T. SIGN DETAIL

PLOT DRIVER: \$PLTDVRS\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ SCALE: \$SCALE\$
 FILE: \$PWVAVVAULTPATHDESC\$ TIME: \$TIME\$

APPROVED: *Ron King* DATE: 9/19/2018

PROPOSED SIGN DESIGNS

SCALE: NTS		REVISIONS	
DATE: \$DATES\$			
DWG. BY: J DOWDY			
DESIGN BY: R DRAYTON			
REVIEWED BY: R KING			

CADD FILE

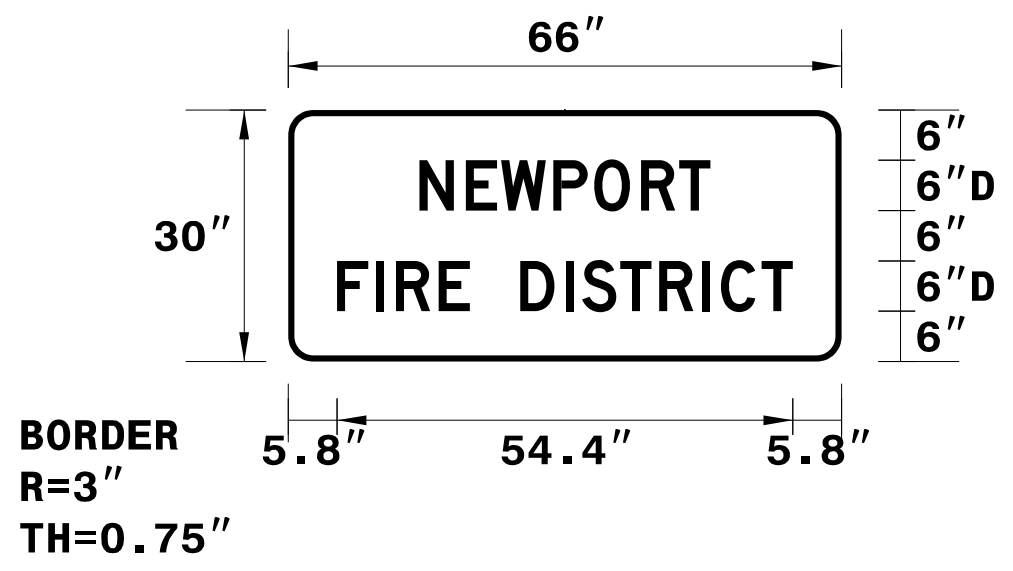
SIGN NUMBER: 301
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 5'-6"
 HEIGHT: 2'-6"
 TOTAL AREA: 13.8 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 Apr 04, 2018
 DIV: 2



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size		
													Text Length		
N	E	W	P	O	R	T							D 2000		
15.7	5.5	4.2	6.2	4.9	5.6	4.6	3.7	15.7					34.7		
F	I	R	E	D	I	S	T	R	I	C	T		D 2000		
5.8	4.6	2.4	5.1	3.7	6	5.4	2	4.6	4.6	5.1	2.3	4.9	3.7	5.8	54.4

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

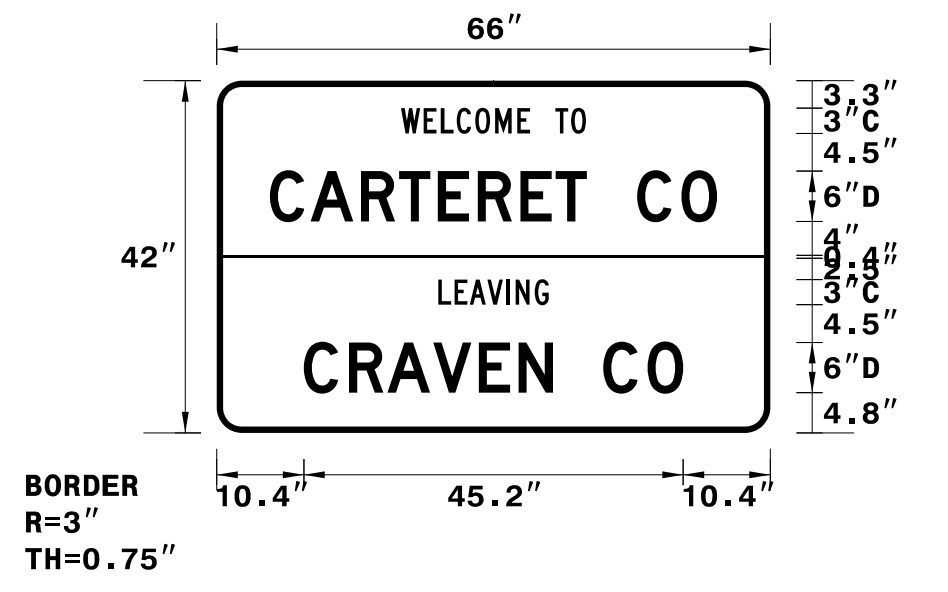
SIGN NUMBER: 303
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 5'-6"
 HEIGHT: 3'-6"
 TOTAL AREA: 19.3 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green / Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 Apr 04, 2018
 DIV: 2



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
W	E	L	C	O	M	E	T	O					C 2000
22	2.7	2	1.9	2.2	2.4	2.6	1.5	3	1.9	1.8	22		22.1
C	A	R	T	E	R	E	T	C	O				D 2000
6.3	4.9	6	4.6	4.6	4.7	5.1	4.2	3.7	6	5.3	4.3	6.3	53.3
L	E	A	V	I	N	G							C 2000
26.4	2	1.8	2.1	2.3	1.1	2.3	1.7	26.4					13.2
C	R	A	V	E	N	C	O						D 2000
10.4	5.4	4.6	5.5	5.5	4.7	4.1	6	5.3	4.3	10.4			45.2

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

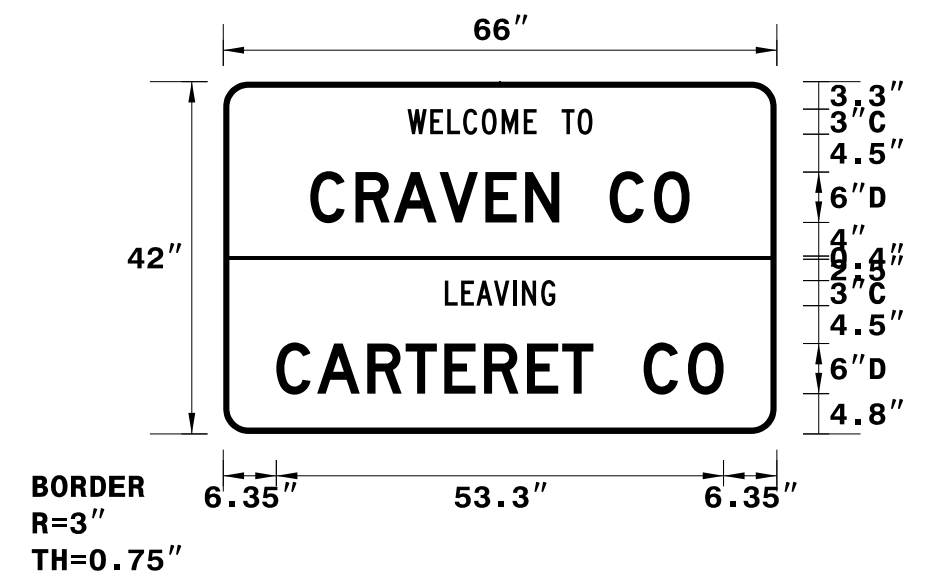
SIGN NUMBER: 302
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 5'-6"
 HEIGHT: 3'-6"
 TOTAL AREA: 19.3 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green / Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 Apr 04, 2018
 DIV: 2



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
W	E	L	C	O	M	E	T	O					C 2000
22	2.7	2	1.9	2.2	2.4	2.6	1.5	3	1.9	1.8	22		22.1
C	R	A	V	E	N	C	O						D 2000
10.4	5.4	4.6	5.5	5.5	4.7	4.1	6	5.3	4.3	10.4			45.2
L	E	A	V	I	N	G							C 2000
26.4	1.9	1.8	2.1	2.3	1.1	2.3	1.7	26.4					13.2
C	A	R	T	E	R	E	T	C	O				D 2000
6.3	4.9	6	4.6	4.6	4.7	5.1	4.2	3.7	6	5.3	4.3	6.3	53.3

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

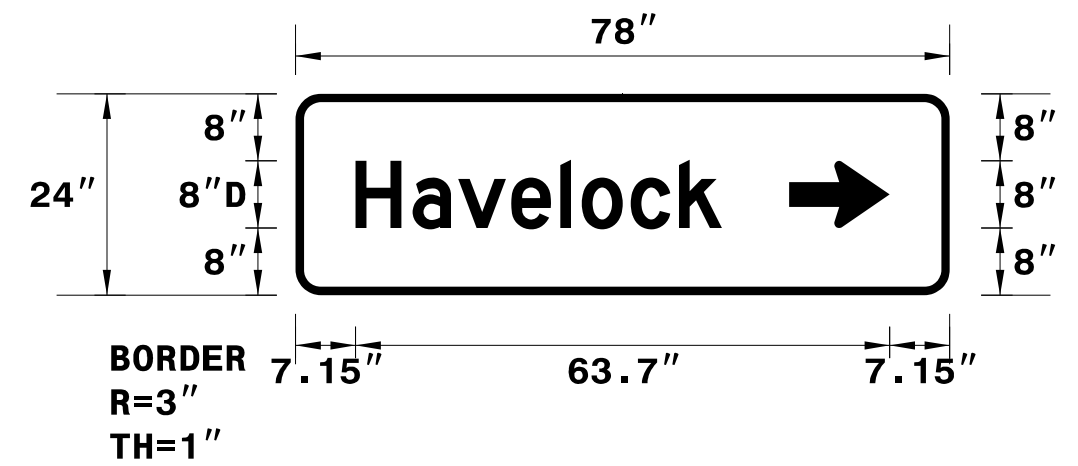
SIGN NUMBER: 313
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 6'-6"
 HEIGHT: 2'-0"
 TOTAL AREA: 13.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	58.8	8	8	12

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 May 17, 2018
 DIV: 2



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

Spacing Factor is 1 unless specified otherwise


LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
H	a	v	e	l	o	c	k						D 2000
7.2	6.8	5.4	6.3	5.8	2.6	5.8	5.8	5.1	27.2				43.7

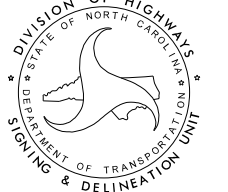
FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL


PLOT DRIVER: \$PLTDVRS\$
 USER: \$USER\$
 FILE: \$PW\$VAULT\$PATH\$DESIG\$
 REVISIONS
 PENTABLE: \$PENTBL\$
 SCALE: \$SCALE\$SHORT\$
 DATE: \$DATE\$
 TIME: \$TIME\$

APPROVED: *Ron King* DATE: 9/19/2018



PROPOSED SIGN DESIGNS

SCALE:	NTS		REVISIONS _____ _____ _____ _____
DATE:	\$DATES		
DWG. BY:	J DOWDY		
DESIGN BY:	R DRAYTON		
REVIEWED BY:	R KING	CADD FILE	

PROJ. REFERENCE NO.	SHEET NO.
R-1015	S-4N
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	

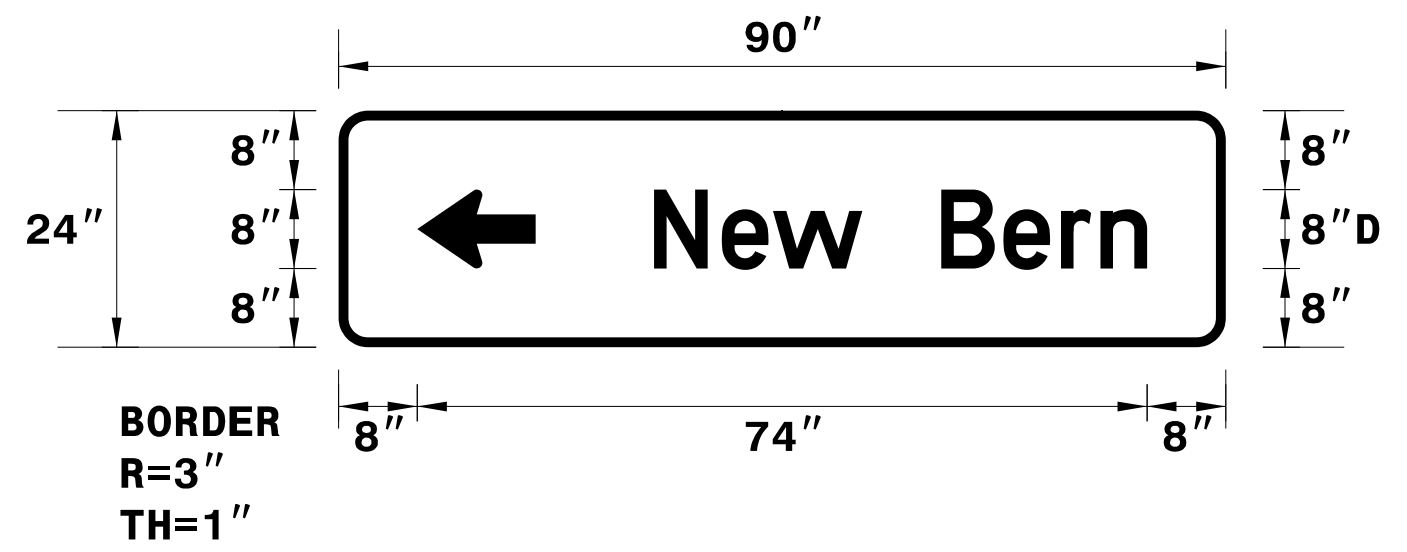
SIGN NUMBER: 307
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 7'-6"
 HEIGHT: 2'-0"
 TOTAL AREA: 15.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 3"
 NO. Z BARS: 1
 LENGTH:

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	8	8	8	12

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 May 16, 2018
 DIV: 2



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.

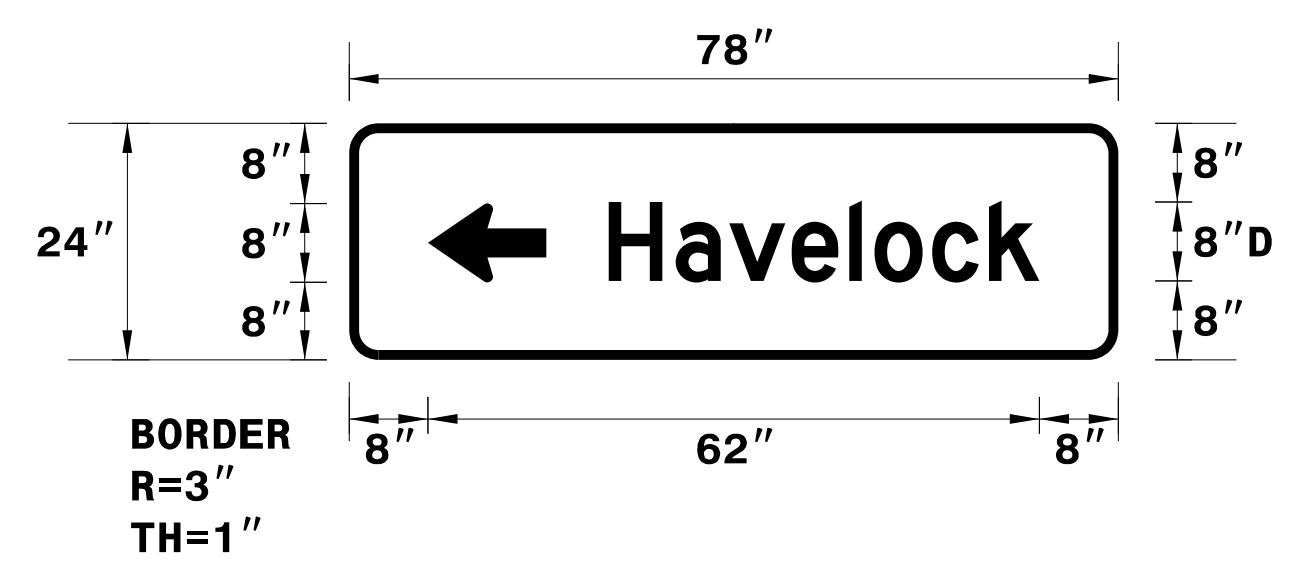
SIGN NUMBER: 308
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 6'-6"
 HEIGHT: 2'-0"
 TOTAL AREA: 13.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 3"
 NO. Z BARS: 1
 LENGTH:

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	8	7.9	8	12

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 May 21, 2018
 DIV: 2



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
D 2000	50

32	N	e	w	B	e	r	n	8	6.3	5.8	4	4.7	8
----	---	---	---	---	---	---	---	---	-----	-----	---	-----	---

Spacing Factor is 1 unless specified otherwise

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

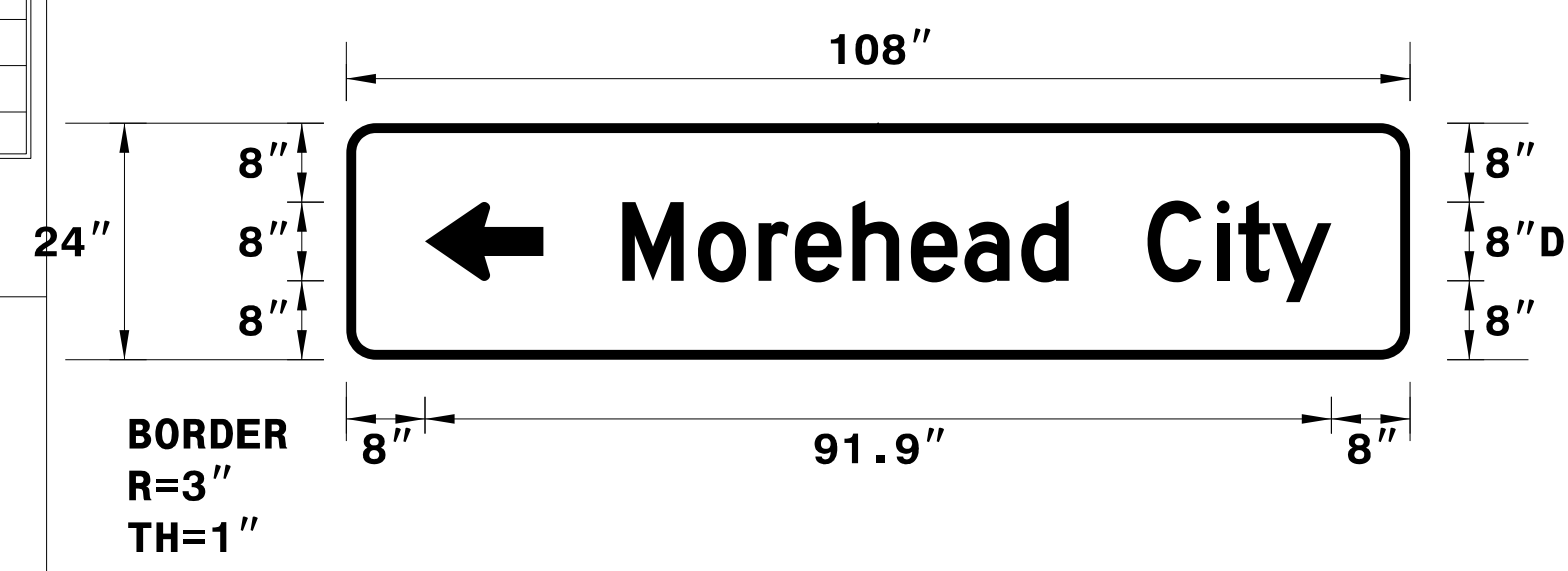
SIGN NUMBER: 306
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 9'-0"
 HEIGHT: 2'-0"
 TOTAL AREA: 18.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 3"
 NO. Z BARS: 1
 LENGTH:

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	8	8	8	12

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-1015
 CHECKED BY: R KING
 May 16, 2018
 DIV: 2



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
D 2000	43.7

26.3	H	a	v	e	l	o	c	k	8	6.8	5.4	6.3	5.8	2.6	5.8	5.8	5.1	8
------	---	---	---	---	---	---	---	---	---	-----	-----	-----	-----	-----	-----	-----	-----	---

Spacing Factor is 1 unless specified otherwise

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	71.9

28	M	o	r	e	h	e	a	d	C	i	t	y	8	7.7	6.2	3.7	5.8	5.9	5.4	5.8	4.8	8	7	2.2	3.4	6	8
----	---	---	---	---	---	---	---	---	---	---	---	---	---	-----	-----	-----	-----	-----	-----	-----	-----	---	---	-----	-----	---	---

Spacing Factor is 1 unless specified otherwise

FILENAME: Guidesign_English_8-2-13 NORTH CAROLINA D.O.T. SIGN DETAIL


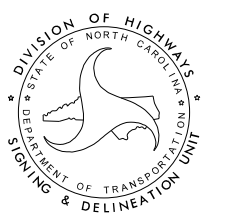
REVISIONS

PLOT DRIVER: \$PLTDVRS\$
 USER: \$USER\$
 FILE: \$PWVARVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 SCALE: \$SCALESHT\$
 DATE: \$DATE\$

APPROVED: *Ron King* DATE: 9/19/2018

PROPOSED SIGN DESIGNS

SCALE: NTS
 DATE: \$DATES\$
 DWG. BY: J DOWDY
 DESIGN BY: R DRAYTON
 REVIEWED BY: R KING

REVISIONS

CADD FILE

SIGN NUMBER: 309
TYPE: D
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 8'-0"
HEIGHT: 3'-0"
TOTAL AREA: 24.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
PROJECT ID: R-1015

CHECKED BY: R KING

May 16, 2018
DIV: 2

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 310
TYPE: D
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 8'-0"
HEIGHT: 3'-0"
TOTAL AREA: 24.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
PROJECT ID: R-1015

CHECKED BY: R KING

May 16, 2018
DIV: 2

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	80
D 2000	34.2
D 2000	9

FILENAME: Guidesign_English_8-2-13

NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	80
D 2000	34.2
D 2000	13.2

FILENAME: Guidesign_English_8-2-13

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 311 & 314
TYPE: D
QUANTITY: 2

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 5'-6"
HEIGHT: 1'-6"
TOTAL AREA: 8.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 1.5"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
PROJECT ID: R-1015

CHECKED BY: R KING

Apr 04, 2018
DIV: 2

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 312 & 315
TYPE: D
QUANTITY: 2

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 4'-6"
HEIGHT: 2'-6"
TOTAL AREA: 11.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
PROJECT ID: R-1015

CHECKED BY: R KING

Apr 04, 2018
DIV: 2

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	50.6

FILENAME: Guidesign_English_8-2-13

NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	35.9
D 2000	20.2
D 2000	40.8

FILENAME: Guidesign_English_8-2-13

NORTH CAROLINA D.O.T. SIGN DETAIL

REVISIONS

PLOT DRIVER: \$PLTDVRS\$
USER: \$USER\$
FILE: \$PWVAVULTPATHDESC\$
PENTABLE: \$PENTBL\$
TIME: \$TIME\$
SCALE: \$SCALESHT\$
DATE: \$DATE\$

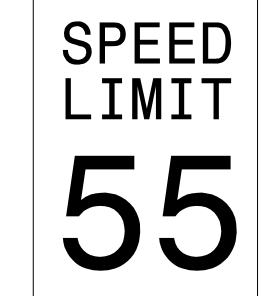
APPROVED: *Ron King* DATE: 9/19/2018

PROPOSED SIGN DESIGNS

SCALE: NTS	REVISIONS
DATE: \$DATES\$	
DWG. BY: J DOWDY	
DESIGN BY: R DRAYTON	
REVIEWED BY: R KING	

CADD FILE

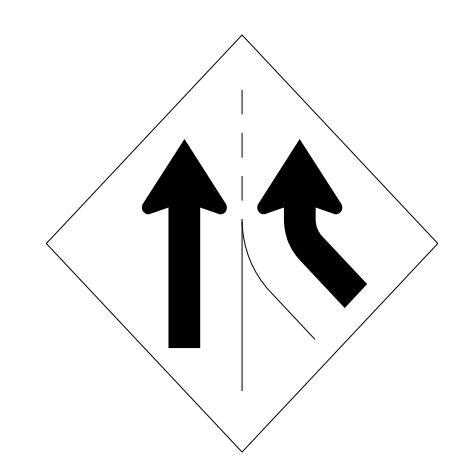
401 QUANTITY REQ'D 6



48 X 60
R2-1

TWO WOOD POSTS PER SIGN


406 QUANTITY REQ'D 1



48 X 48
W4-3(R)

TWO WOOD POST


411 QUANTITY REQ'D 2



54 X 18
R6-1 (R)

TWO WOOD POSTS PER SIGN


416 QUANTITY REQ'D 4



36 X 48
W13-3

TWO WOOD POSTS PER SIGN

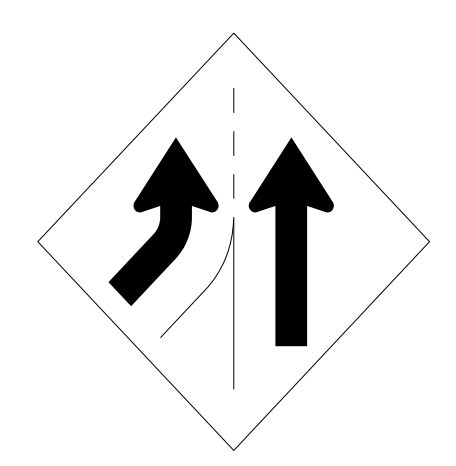
421 QUANTITY REQ'D 2



18 X 18
W13-1P

MOUNT UNDER SIGN 420 IN
2 APPLICATIONS

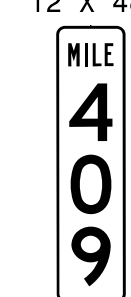
426 QUANTITY REQ'D 1



48 X 48
W4-3(L)

TWO WOOD POSTS

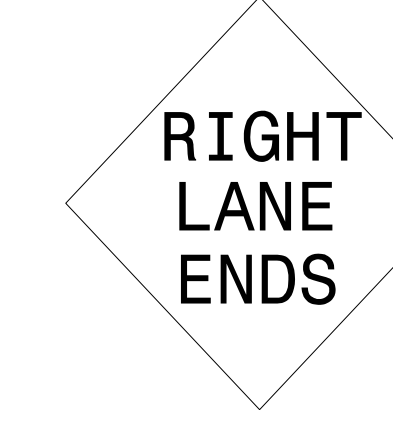
QUANTITY REQ'D 2



12 X 48

ONE WOOD POST PER SIGN

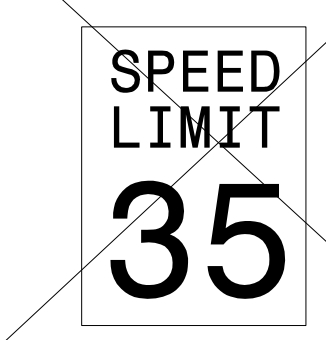
402 QUANTITY REQ'D 10



48 X 48
W9-2(R)

TWO WOOD POSTS PER SIGN


407 QUANTITY REQ'D 1



24 X 30
R2-1

ONE WOOD POST

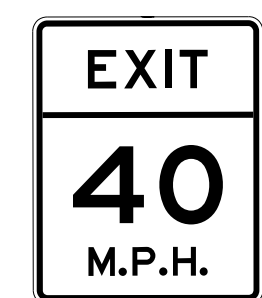
412 QUANTITY REQ'D 6



54 X 18
R6-1 (L)

TWO WOOD POSTS PER SIGN

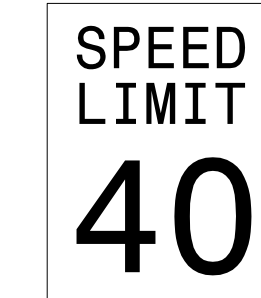
417 QUANTITY REQ'D 3



36 X 48
W13-2

TWO WOOD POSTS PER SIGN

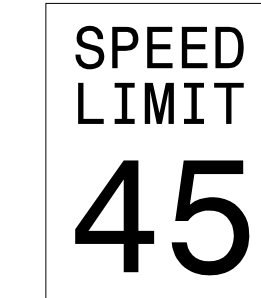
422 QUANTITY REQ'D 1



30 X 36
R2-1

ONE WOOD POST

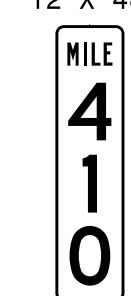
427 QUANTITY REQ'D 2



24 X 30
R2-1

ONE WOOD POST PER SIGN

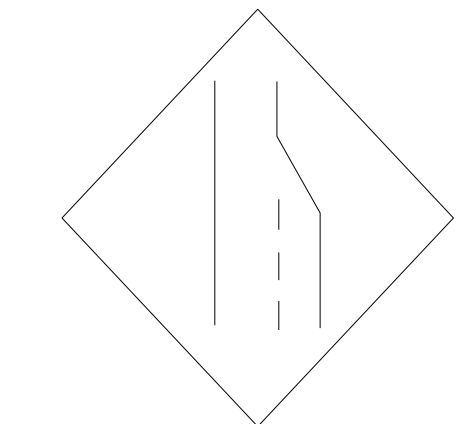
QUANTITY REQ'D 2



12 X 48

ONE WOOD POST PER SIGN

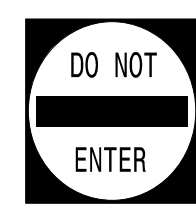
403 QUANTITY REQ'D 12



48 X 48
W4-2(R)

TWO WOOD POSTS PER SIGN

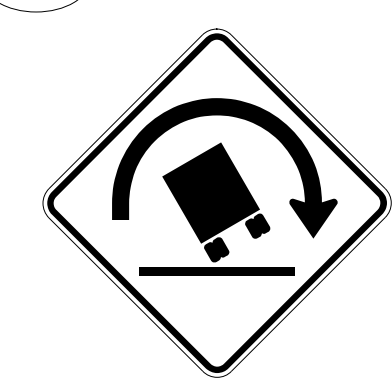
408 QUANTITY REQ'D 5



36 X 36
R5-1

ONE WOOD POST PER SIGN

413 QUANTITY REQ'D 4



36 X 36
W1-13

ONE WOOD POST PER SIGN

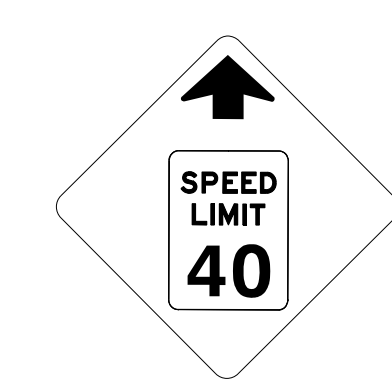
418 QUANTITY REQ'D 1



36 X 36
W1-15

ONE WOOD POST


423 QUANTITY REQ'D 3



48 X 48
W3-5

TWO WOOD POSTS PER SIGN


428 QUANTITY REQ'D 2



36 X 36
R3-7L

ONE WOOD POST PER SIGN

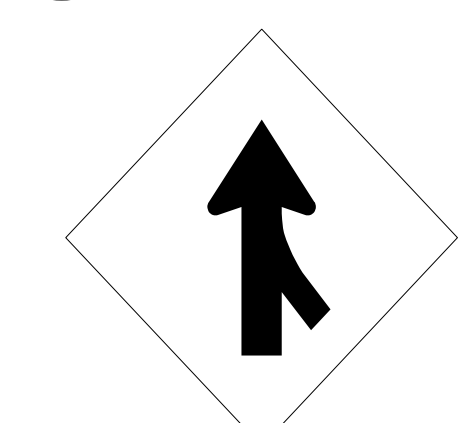
QUANTITY REQ'D 2



12 X 48

ONE WOOD POST PER SIGN

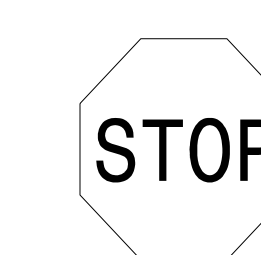
404 QUANTITY REQ'D 6



48 X 48
W4-1 (R)

TWO WOOD POSTS PER SIGN


409 QUANTITY REQ'D 2



36 X 36
R1-1

ONE WOOD POST PER SIGN

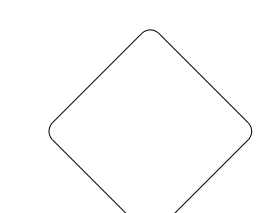
414 QUANTITY REQ'D 5



30 X 30
W13-1P

MOUNT UNDER SIGN 418 IN
1 APPLICATION
MOUNT UNDER SIGN 413 IN
4 APPLICATIONS

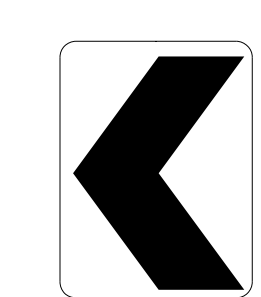
419 QUANTITY REQ'D 3



18 X 18
OM1-3

ONE WOOD POST PER SIGN

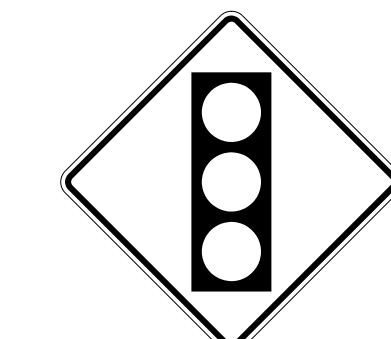
424 QUANTITY REQ'D 3



36 X 48
W1-8 (L)

TWO WOOD POSTS PER SIGN


429 QUANTITY REQ'D 4



48 X 48
W3-3

TWO WOOD POST PER SIGN

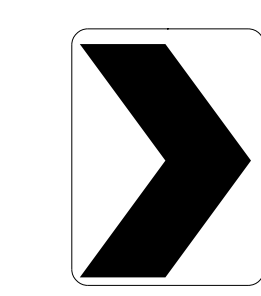
QUANTITY REQ'D 2



12 X 48

ONE WOOD POST PER SIGN

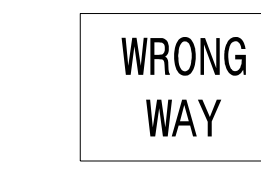
405 QUANTITY REQ'D 27



36 X 48
W1-8 (R)

TWO WOOD POSTS PER SIGN

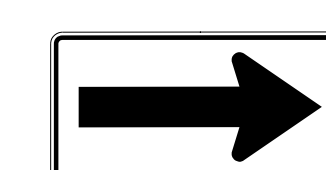
410 QUANTITY REQ'D 8



36 X 24
R5-1a

ONE WOOD POST PER SIGN

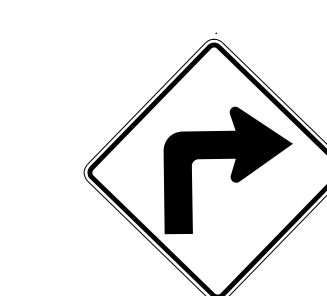
415 QUANTITY REQ'D 3



60 X 30
W1-6R

TWO WOOD POSTS PER SIGN

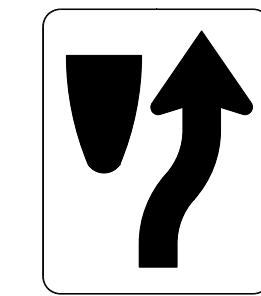
420 QUANTITY REQ'D 2



30 X 30
W1-1

ONE WOOD POST PER SIGN

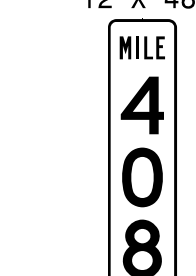
425 QUANTITY REQ'D 1



36 X 48
R4-7

TWO WOOD POSTS

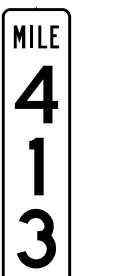
QUANTITY REQ'D 2



12 X 48

ONE WOOD POST PER SIGN


QUANTITY REQ'D 2



12 X 48

ONE WOOD POST PER SIGN

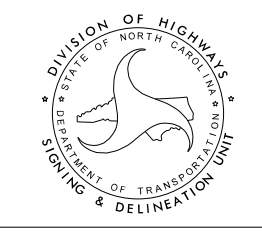
APPROVED: *Ron King* DATE: 9/19/2018



SEAL
022959
RONALD W. KING
ENGINEER

**TYPE "E" SIGNS
& MILEMARKERS**

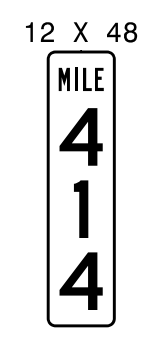
SCALE:	NTS
DATE:	\$DATES
DWG. BY:	J DOWDY
DESIGN BY:	R DRAYTON
REVIEWED BY:	R KING



REVISIONS	

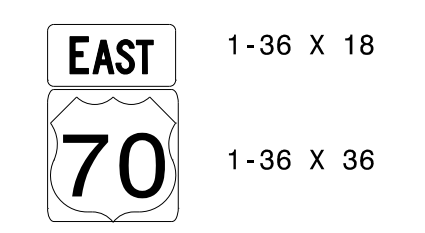
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 DATE: \$DATE\$
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 PENTABLE: \$PENTBL\$

QUANTITY REQ'D 2



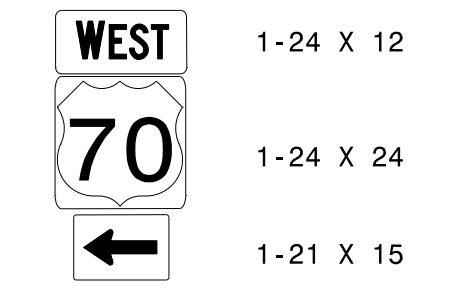
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501 503 513



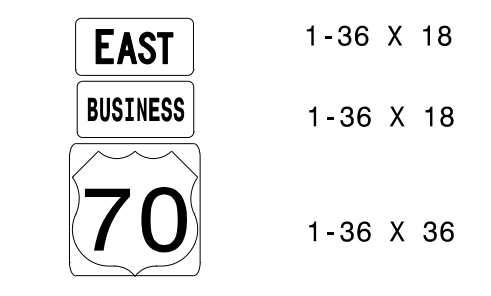
ONE WOOD POSTS PER SIGN

507



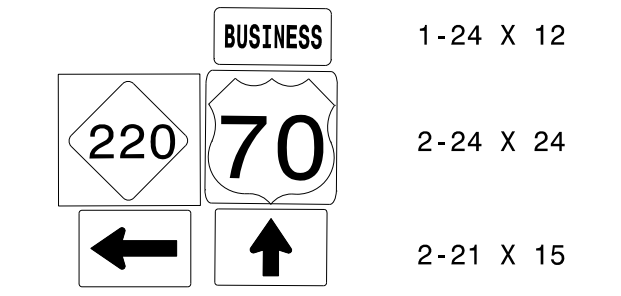
ONE WOOD POST

518 527



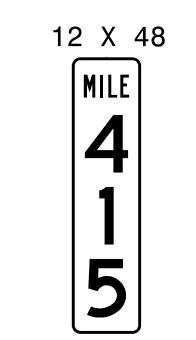
ONE WOOD POST PER SIGN

526



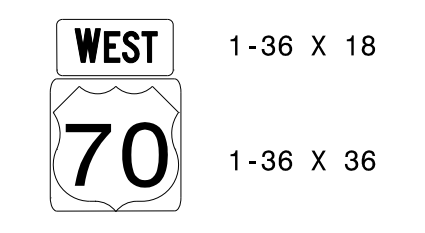
TWO WOOD POSTS

QUANTITY REQ'D 2



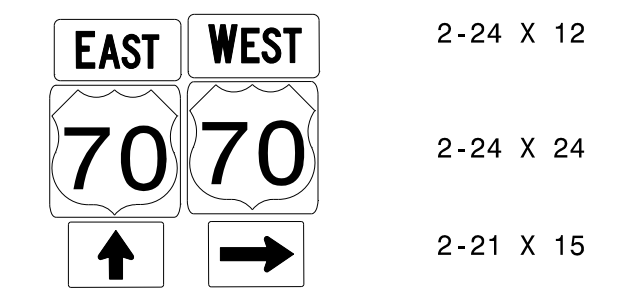
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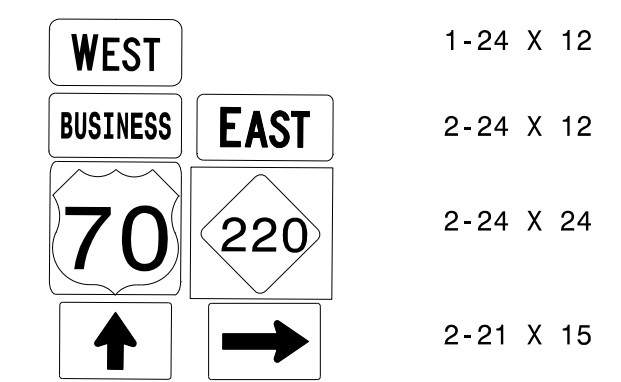
ONE WOOD POSTS PER SIGN

509



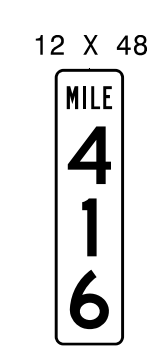
TWO WOOD POSTS

522



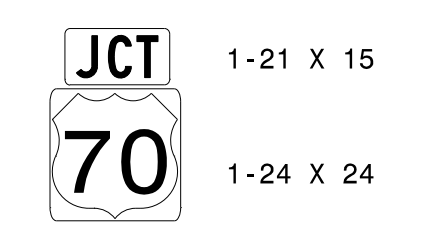
TWO WOOD POSTS

QUANTITY REQ'D 2



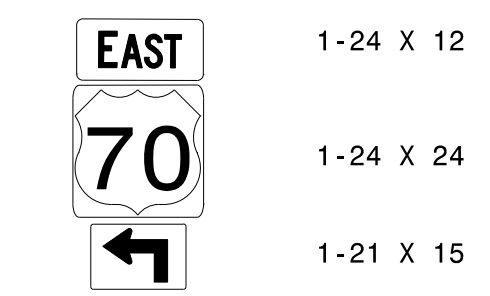
ONE WOOD POST PER SIGN

504 508



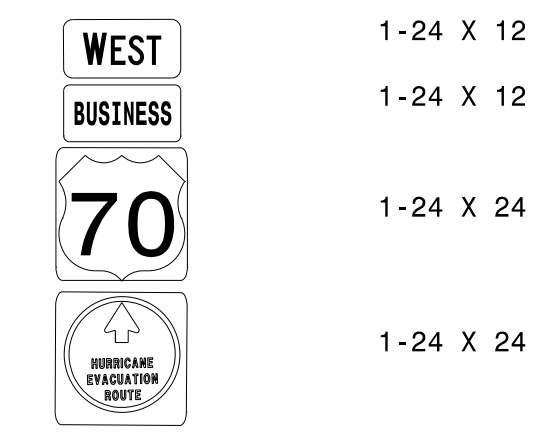
ONE WOOD POSTS PER SIGN

510



ONE WOOD POST

523



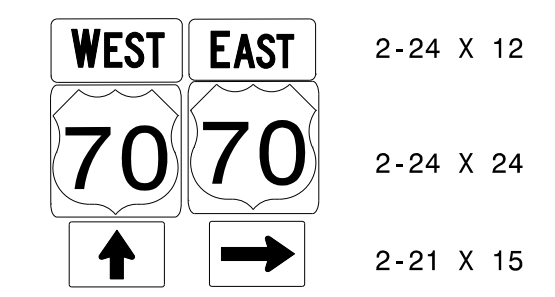
ONE WOOD POST

QUANTITY REQ'D 2



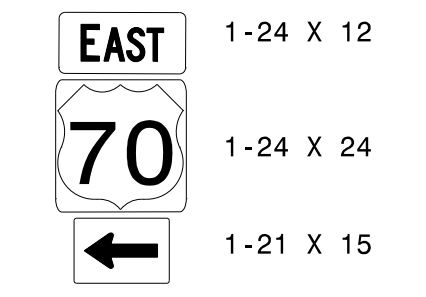
ONE WOOD POST PER SIGN

505



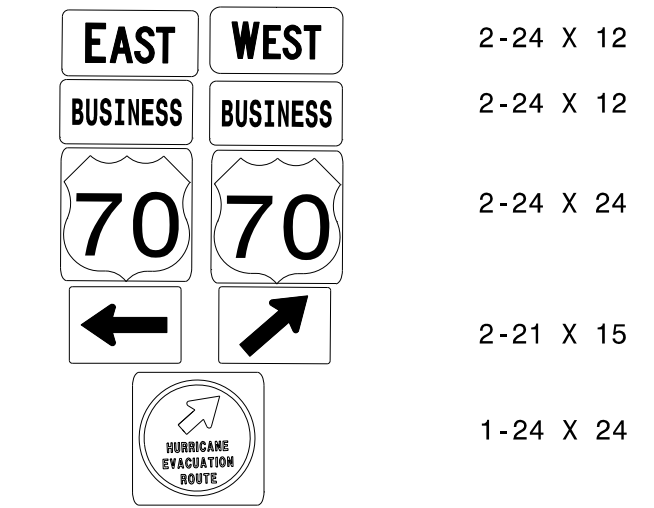
TWO WOOD POSTS

511 520



ONE WOOD POST PER SIGN

524



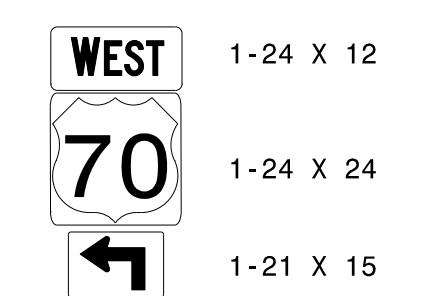
TWO WOOD POSTS

QUANTITY REQ'D 2



ONE WOOD POST PER SIGN

506



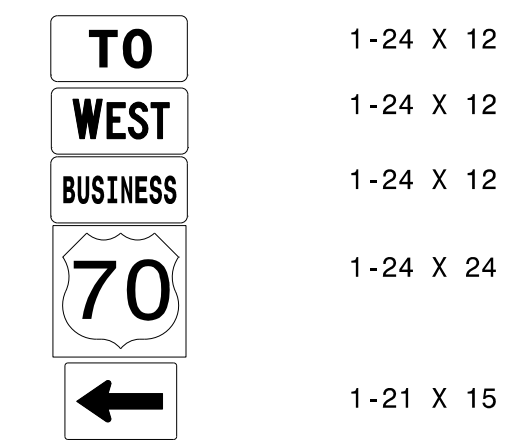
ONE WOOD POST

515 516 517 519 521 528



ONE WOOD POST PER SIGN

525



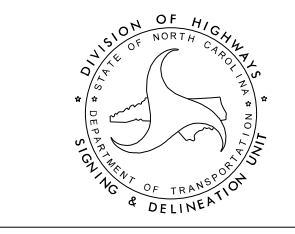
ONE WOOD POST

APPROVED: *Ron King* DATE: 9/19/2018



TYPE "F" SIGNS & MILEMARKERS

SCALE:	NTS
DATE:	\$DATES
DWG. BY:	J DOWDY
DESIGN BY:	R DRAYTON
REVIEWED BY:	R KING

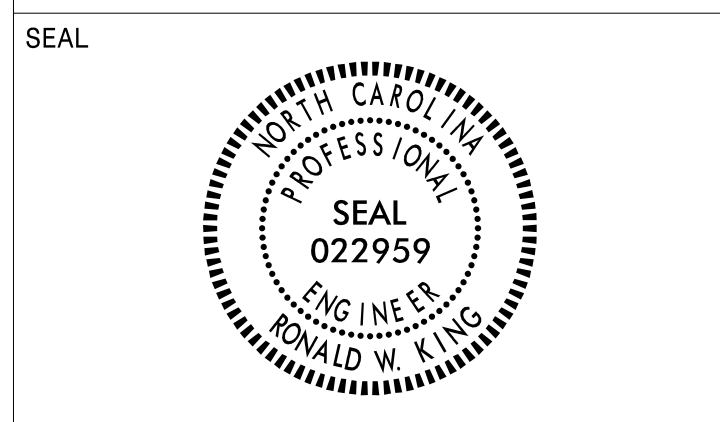


REVISIONS	

PLOT DRIVER: \$PLTDVRS\$ PENTABLE: \$PENTBL\$ SCALE: \$SCALES\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWWARVAULTPATHDESC\$

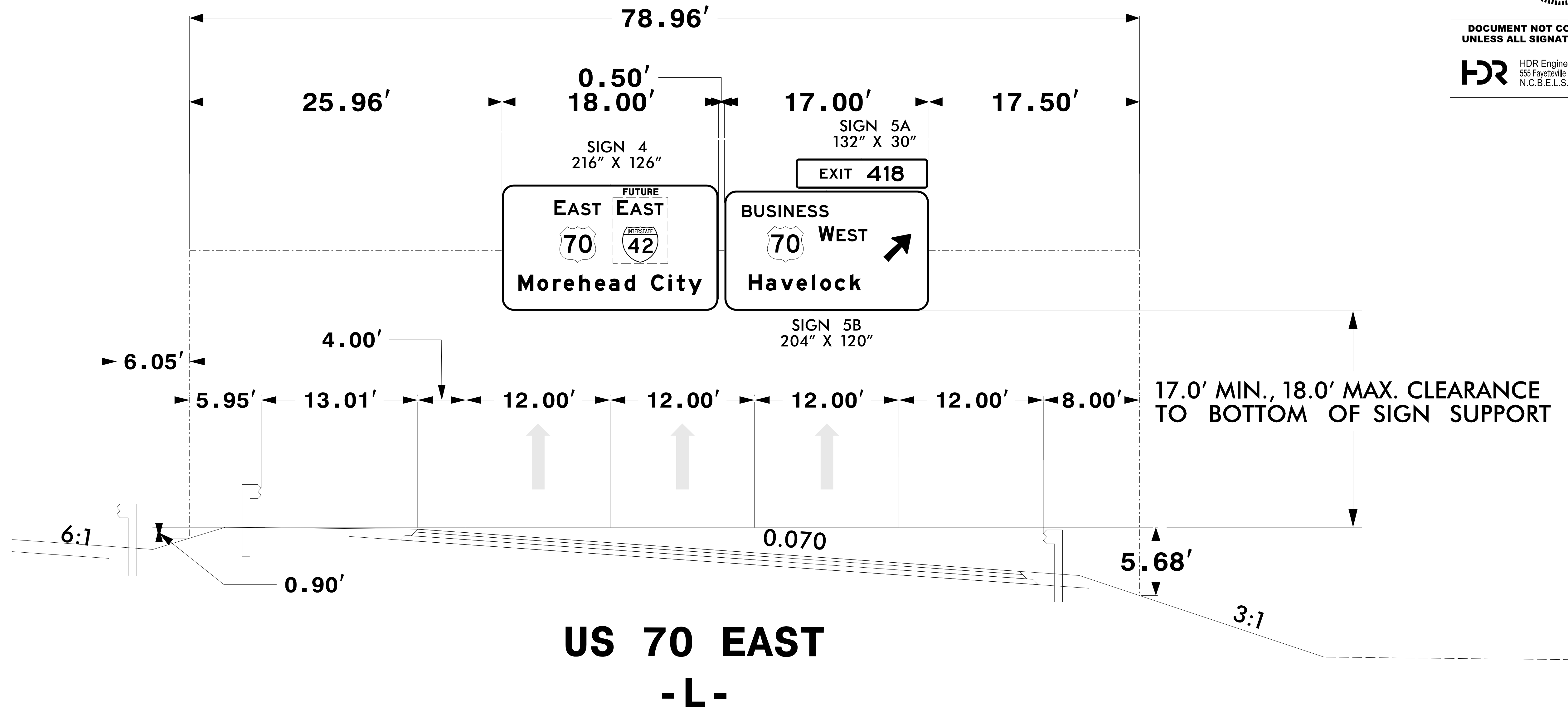
REVISIONS

APPROVED: *Ron King*
 DATE: 9/19/2018



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UNLESS ALL SIGNATURES COMPLETED**

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 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
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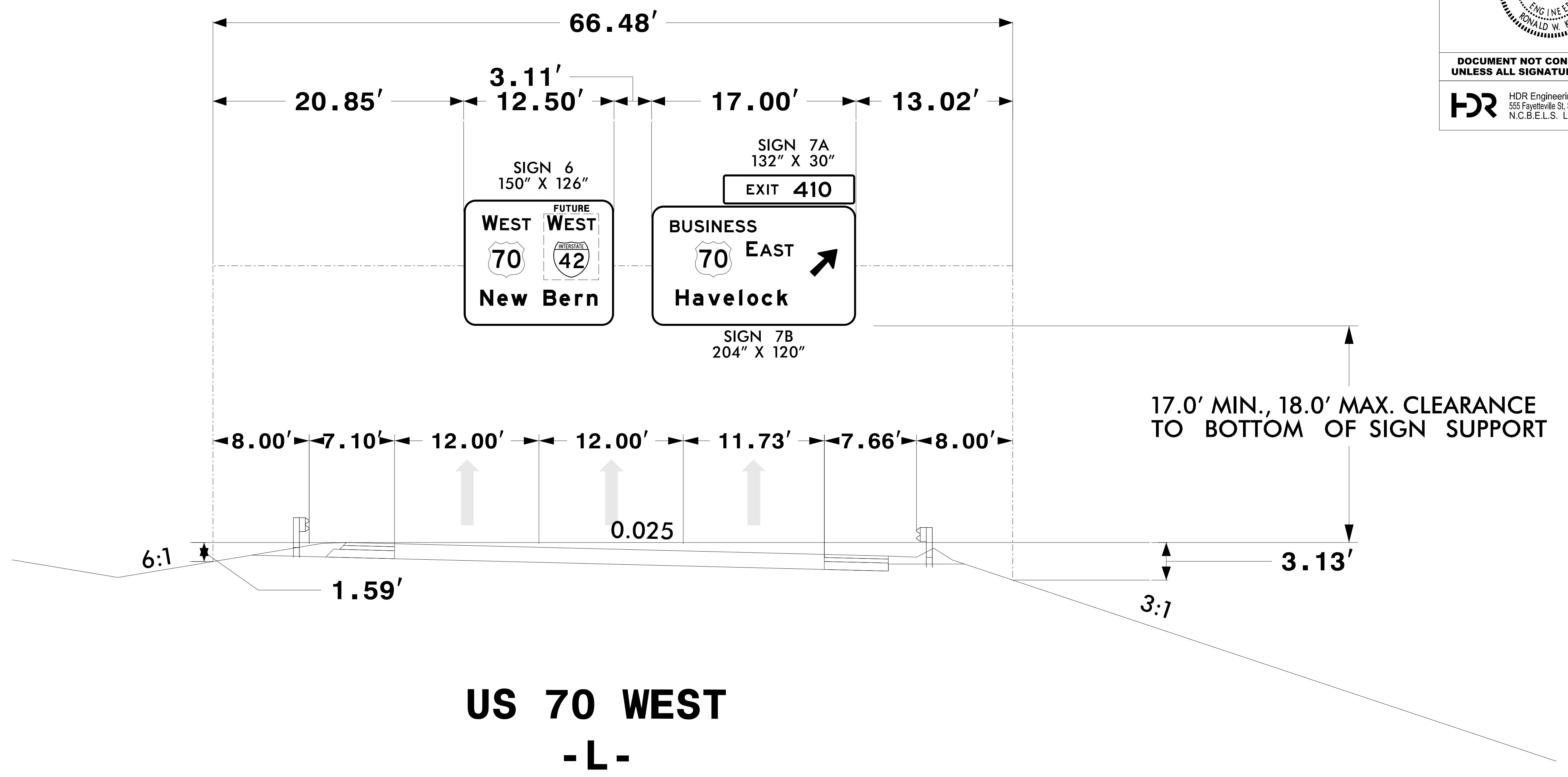
NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- 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.
- 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.
- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

**PROPOSED OVERHEAD SIGN
ASSEMBLY "C"
-L- STA 89 + 84**

09/19/18
 P:\1\100058664\US_East_01\Documents\3322\10001376\100058664\6.0_CAD_BIM\6.2_Work_In_Progress\Signing\CADD\1015_SCN_6B.dgn
 User:RDR\HRT\JUN

TIP NO. R-1015	SHEET NO. S-6C
APPROVED: <i>Ron King</i>	
DATE: 9/19/2018	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



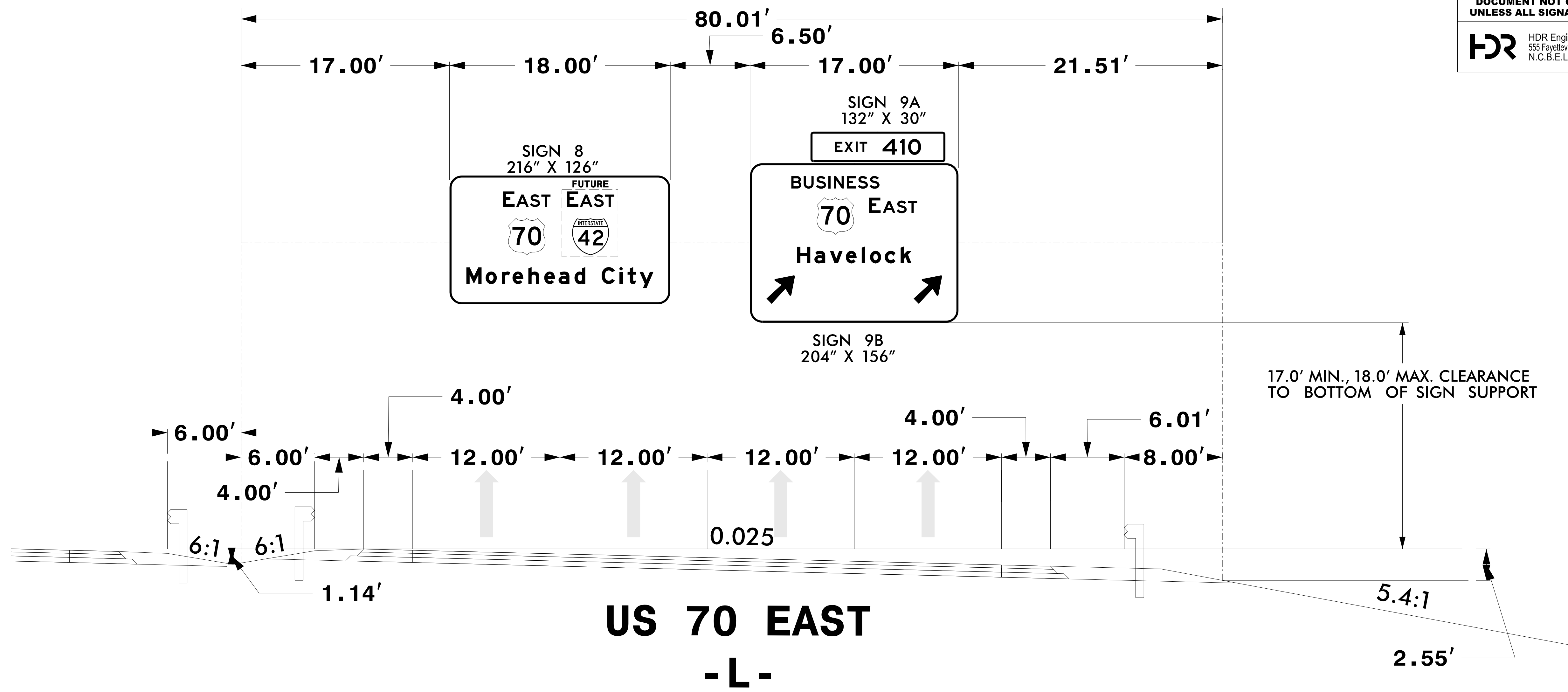
NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- 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.
- 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.
- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

**PROPOSED OVERHEAD SIGN
ASSEMBLY "D"
-L- STA 504 + 50**

09/19/18
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 User:RKHARTON

TIP NO. R-1015	SHEET NO. S-6D
APPROVED: <i>Ron King</i>	
DATE: 9/19/2018	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



US 70 EAST
-L-

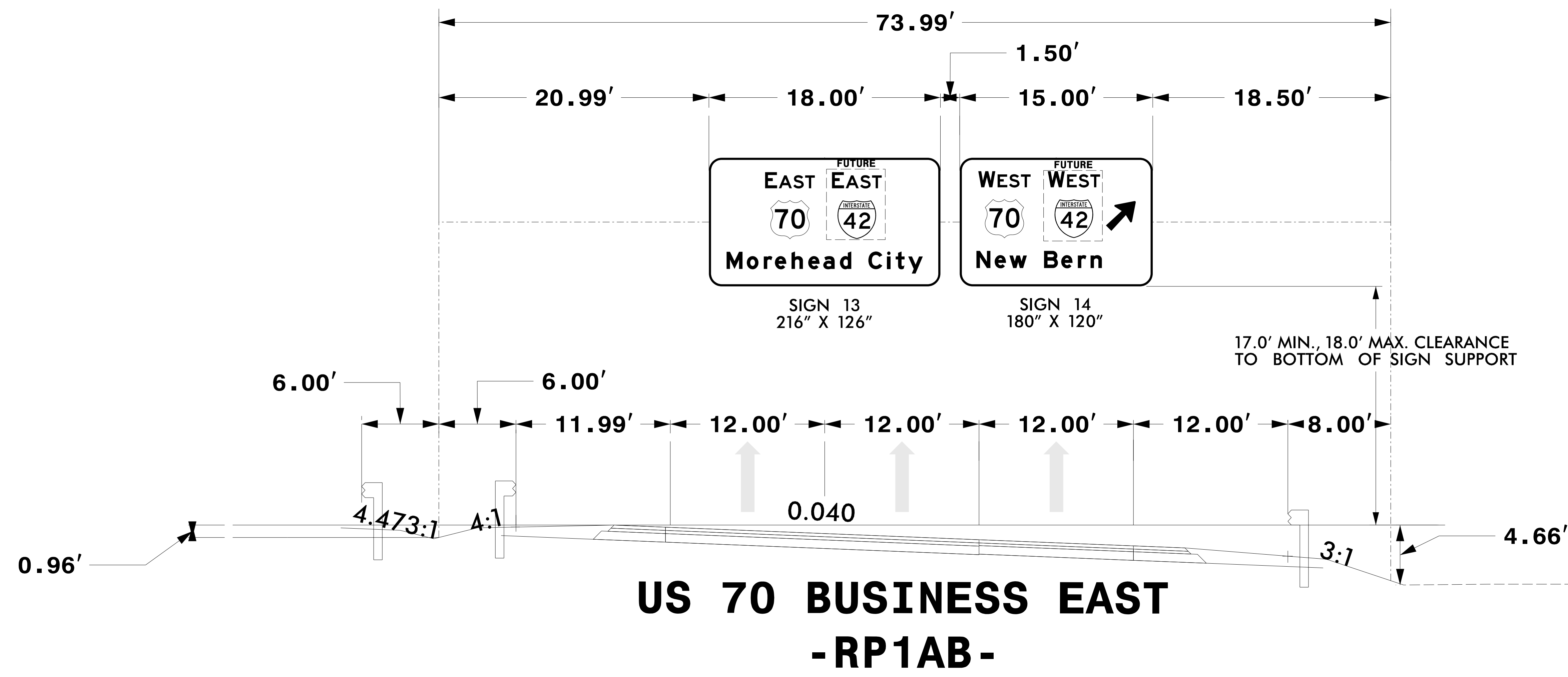
NOTES:

1. IF THE 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 130 M.P.H.

**PROPOSED OVERHEAD SIGN
ASSEMBLY "E"**
-L- STA 544 + 00

09/19/18
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 User:RKHARTON

TIP NO. R-1015	SHEET NO. S-6G
APPROVED: <i>Ron King</i>	
DATE: 9/19/2018	
SEAL	
	
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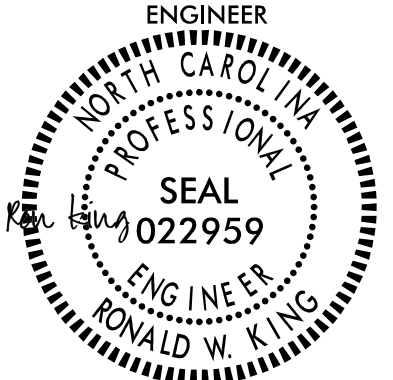



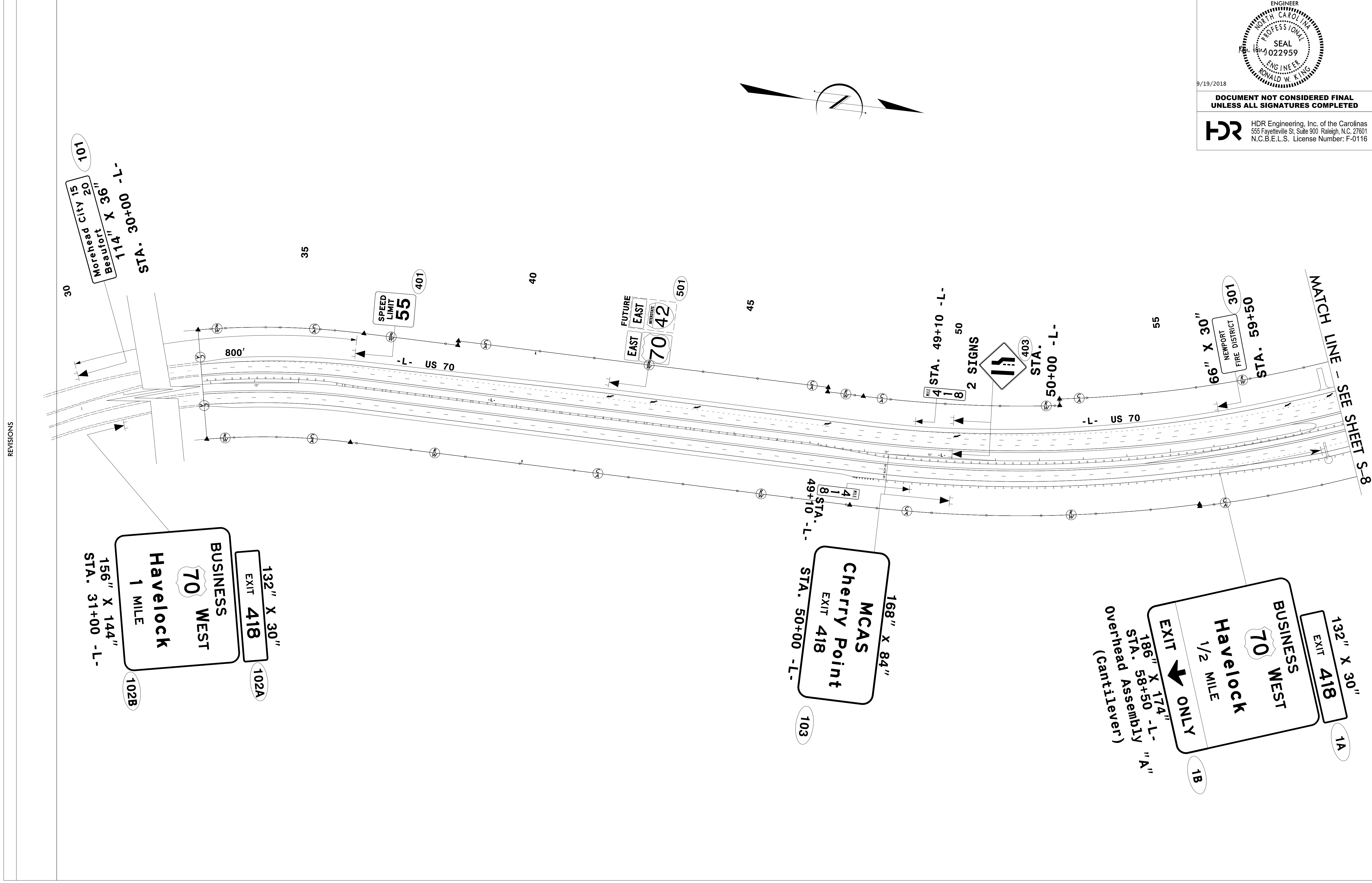
NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
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**PROPOSED OVERHEAD SIGN
ASSEMBLY "H"
-RP1AB- STA 22 + 05**

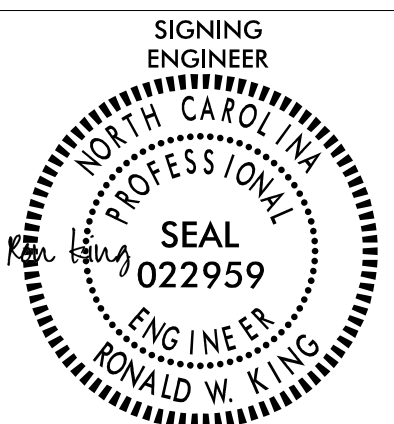

09/19/18
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 User:RHARTON

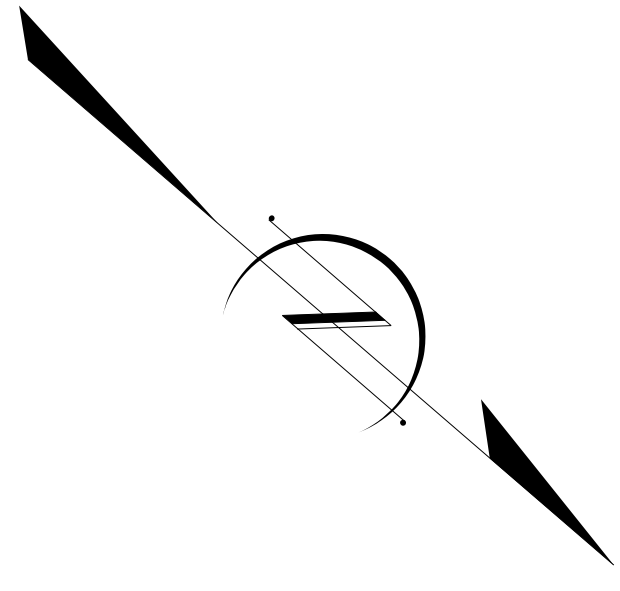
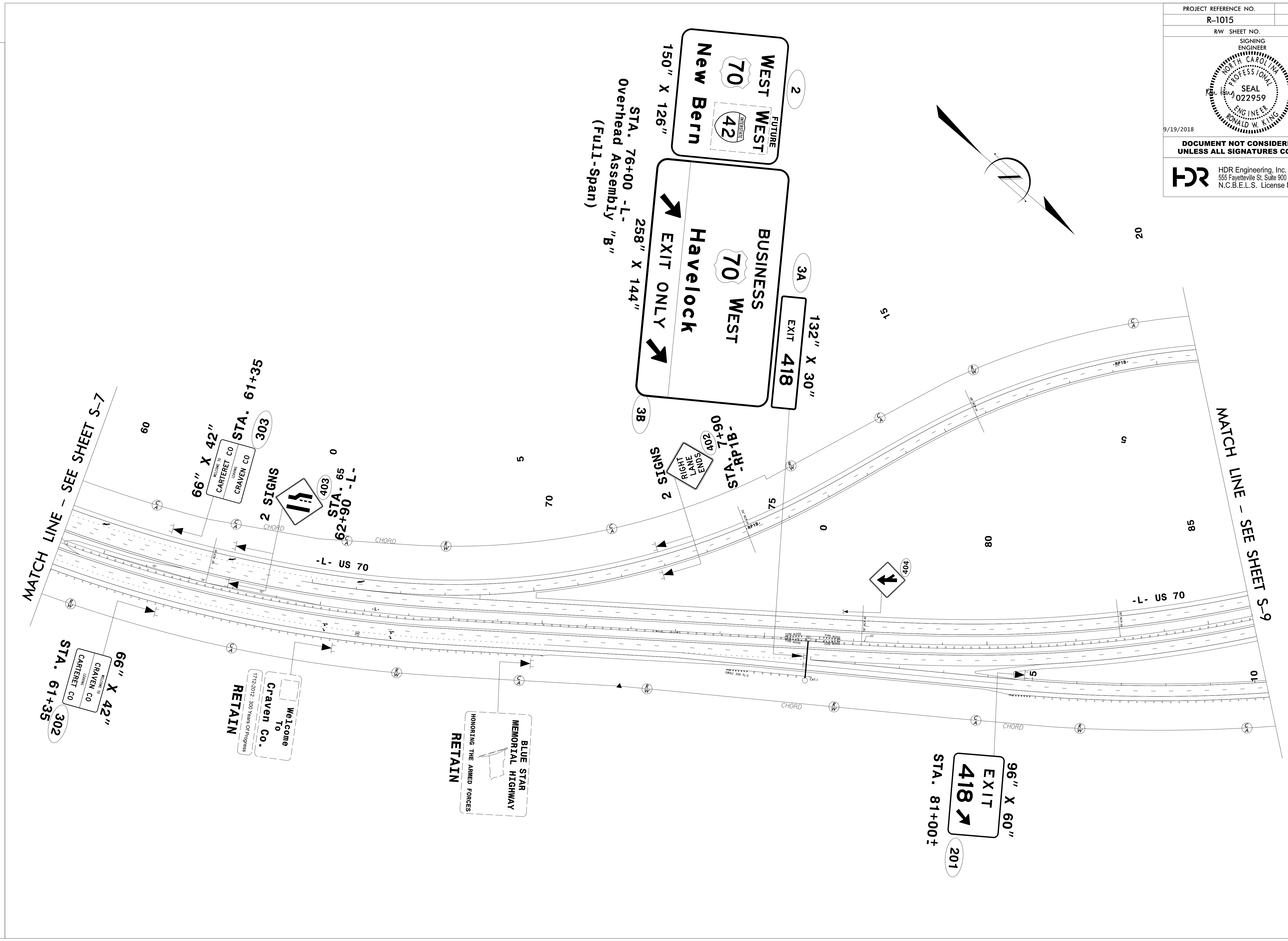
PROJECT REFERENCE NO. R-1015	SHEET NO. S-7
RW SHEET NO.	
SIGNING ENGINEER	
	
9/19/2018	
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REVISIONS

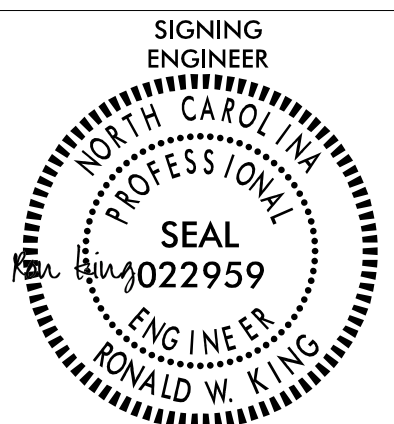

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 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 DATE: \$DATE\$

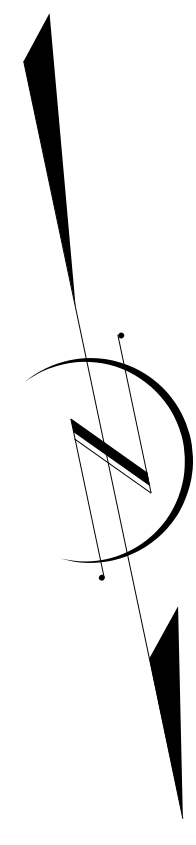
PROJECT REFERENCE NO. R-1015	SHEET NO. S-8
RW SHEET NO.	
SIGNING ENGINEER	
	
9/19/2018	
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REVISIONS

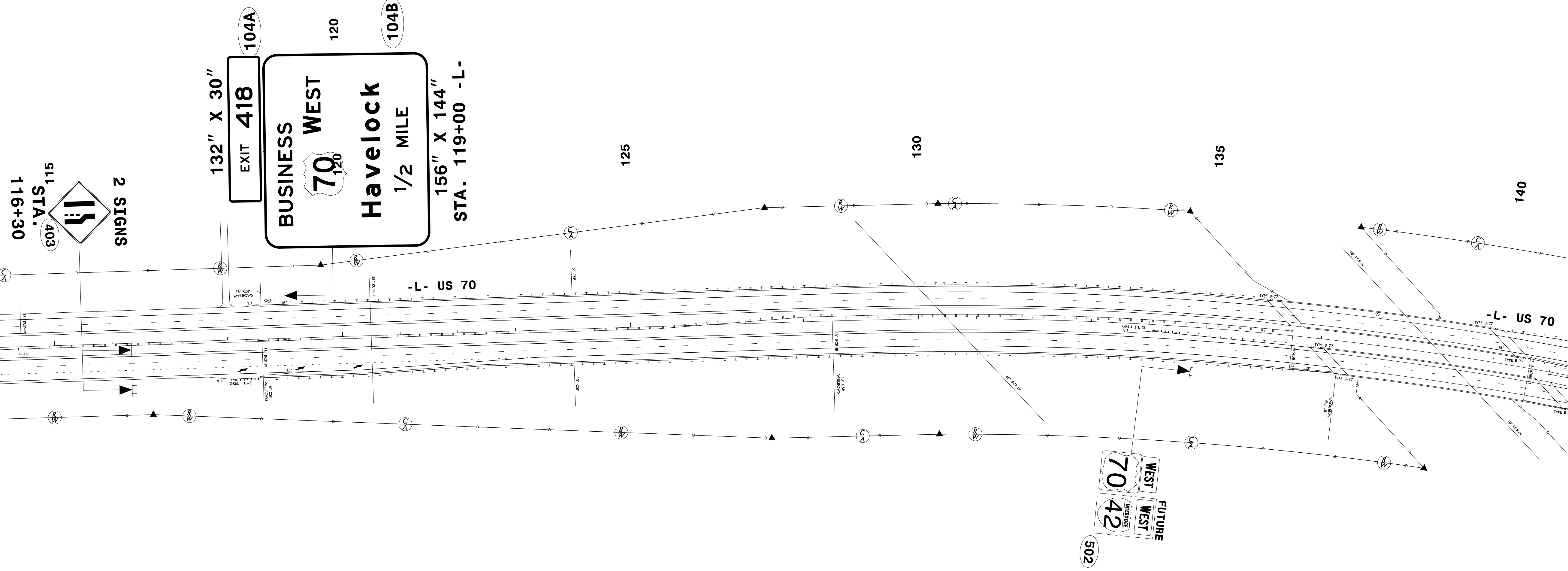
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 TIME: \$TIME\$
 DATE: \$DATE\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-10
RW SHEET NO.	
SIGNING ENGINEER	
	
9/19/2018	
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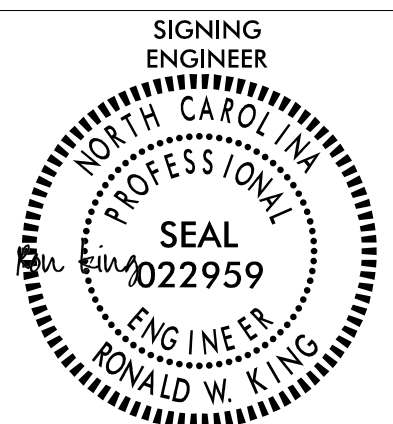

MATCH LINE - SEE SHEET S-9

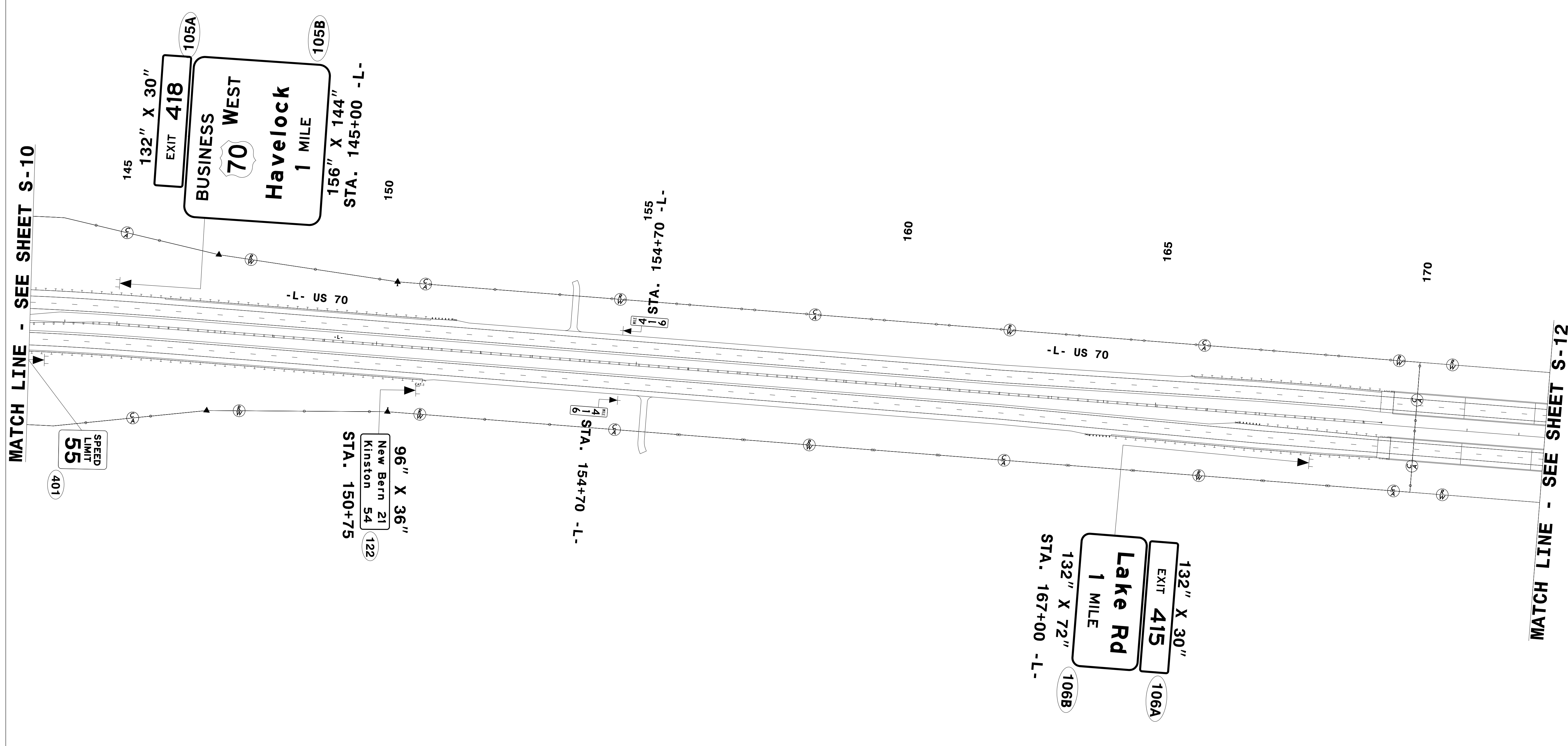
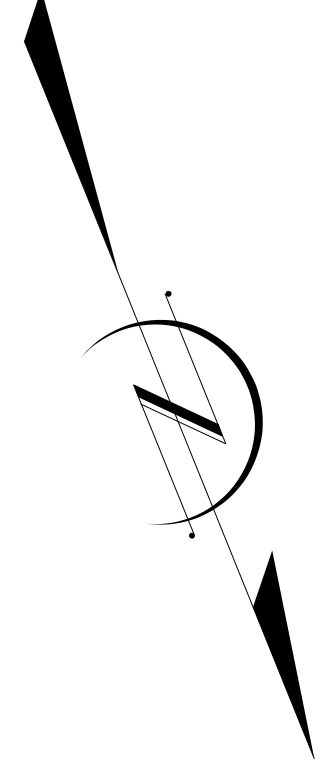
MATCH LINE - SEE SHEET S-11



REVISIONS

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYVAULTPATHDESC\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-11
RW SHEET NO.	
	
9/19/2018	
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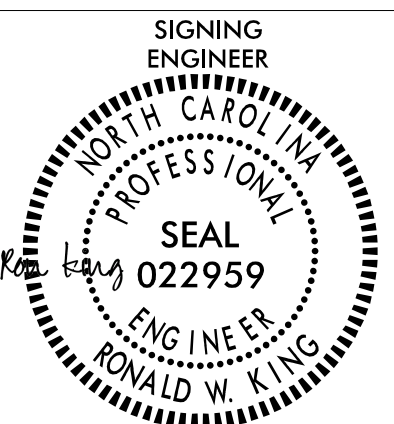



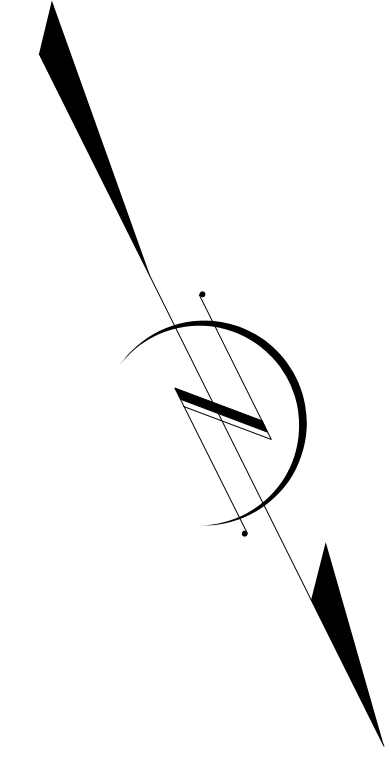
MATCH LINE - SEE SHEET S-10

MATCH LINE - SEE SHEET S-12

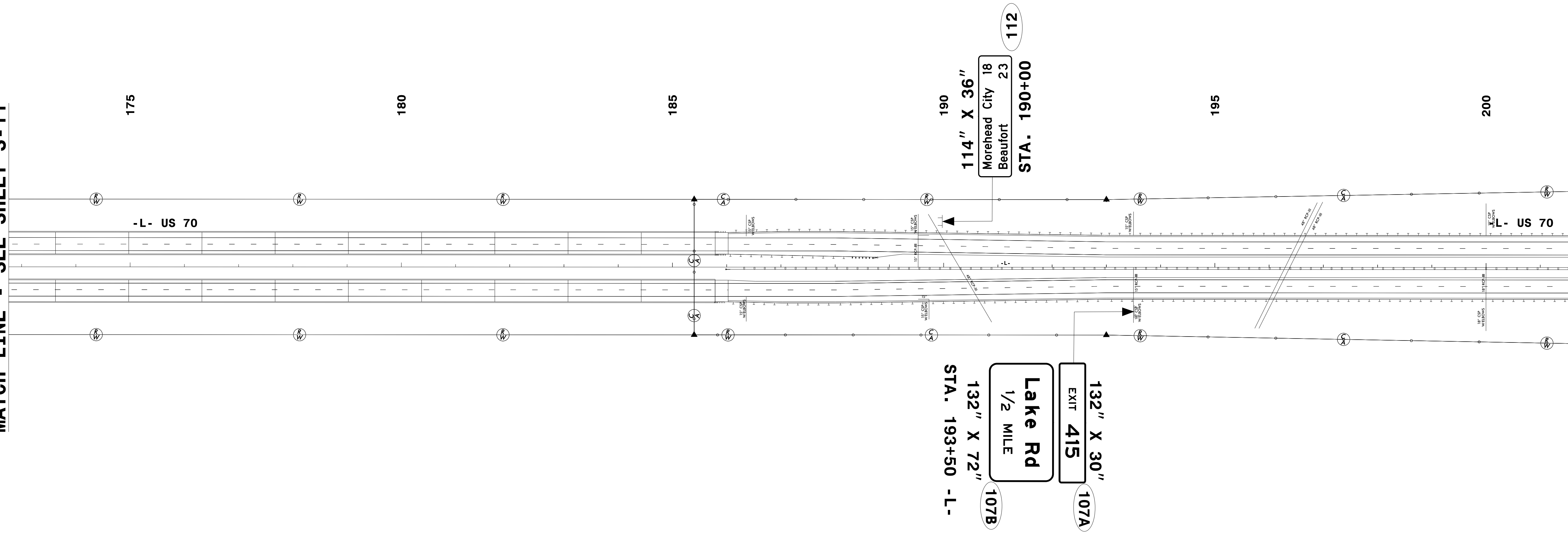
REVISIONS

PLOT DRIVER: \$PLTDRV\$
 USER: \$USER\$
 FILE: \$PWYVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 DATE: \$DATE\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-12
RW SHEET NO.	
SIGNING ENGINEER	
	
9/19/2018	
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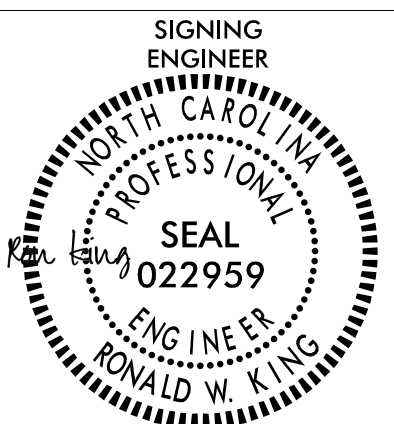

MATCH LINE - SEE SHEET S-11

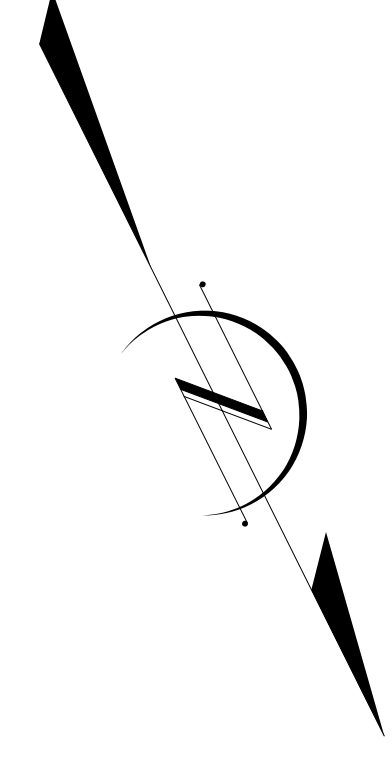


MATCH LINE - SEE SHEET S-13

REVISIONS

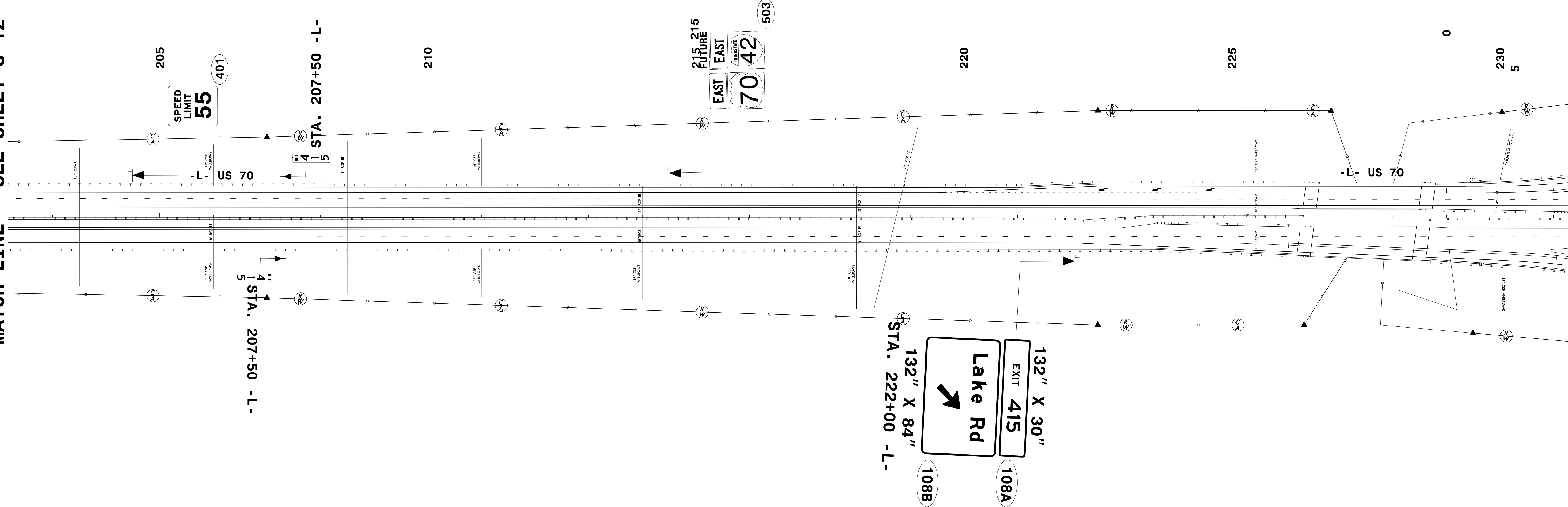
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 FILE: \$PWYVAULTPATHDESC\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-13
RW SHEET NO.	
SIGNING ENGINEER	
	
9/19/2018	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St. Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	



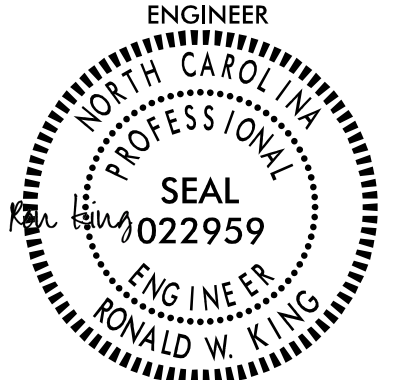

MATCH LINE - SEE SHEET S-12

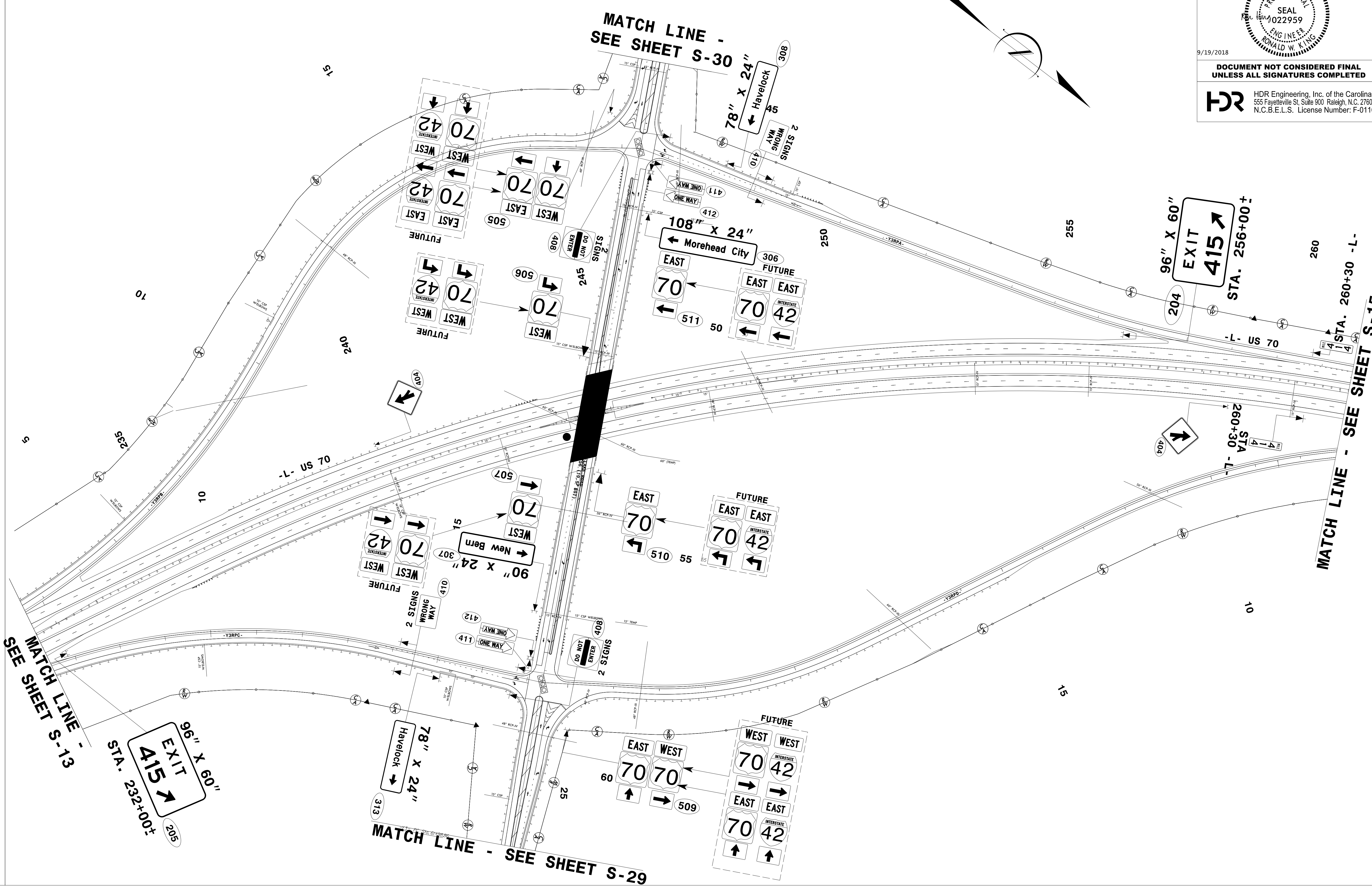
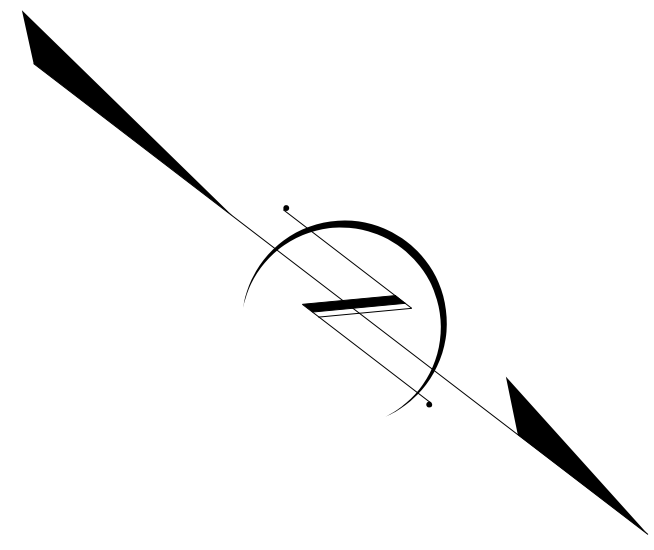
MATCH LINE - SEE SHEET S-14



REVISIONS

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYRVAULTPATHDESC\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-14
RW SHEET NO.	
SIGNING ENGINEER	
	
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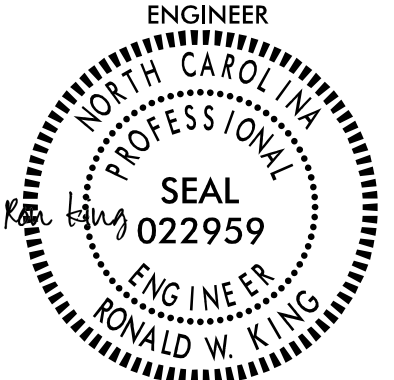



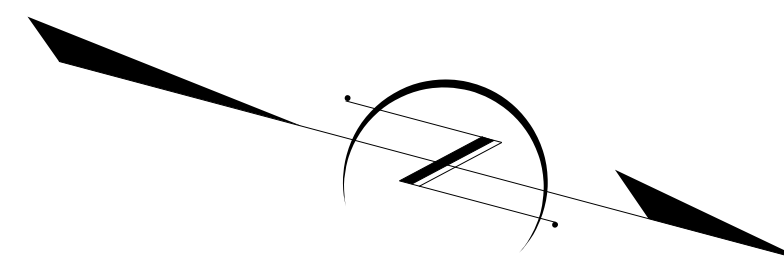
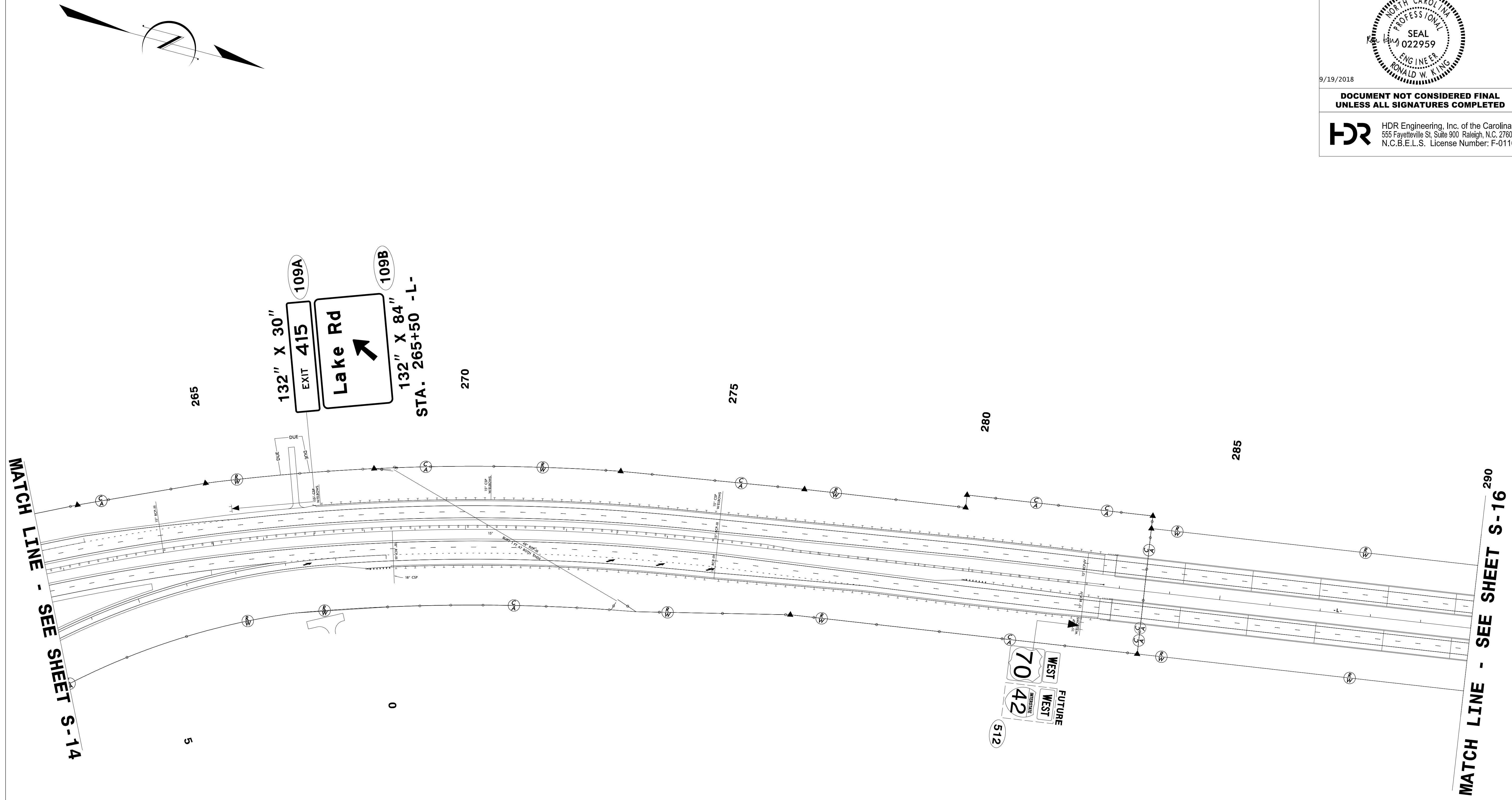
REVISIONS

PLOT DRIVER: \$PLTDRV\$ DATE: \$DATE\$

USER: \$USER\$ TIME: \$TIME\$

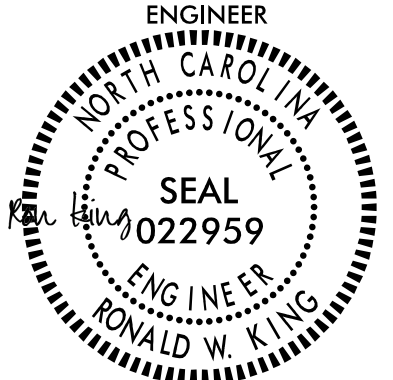

FILE: \$PWYVAULTPATHDESC\$

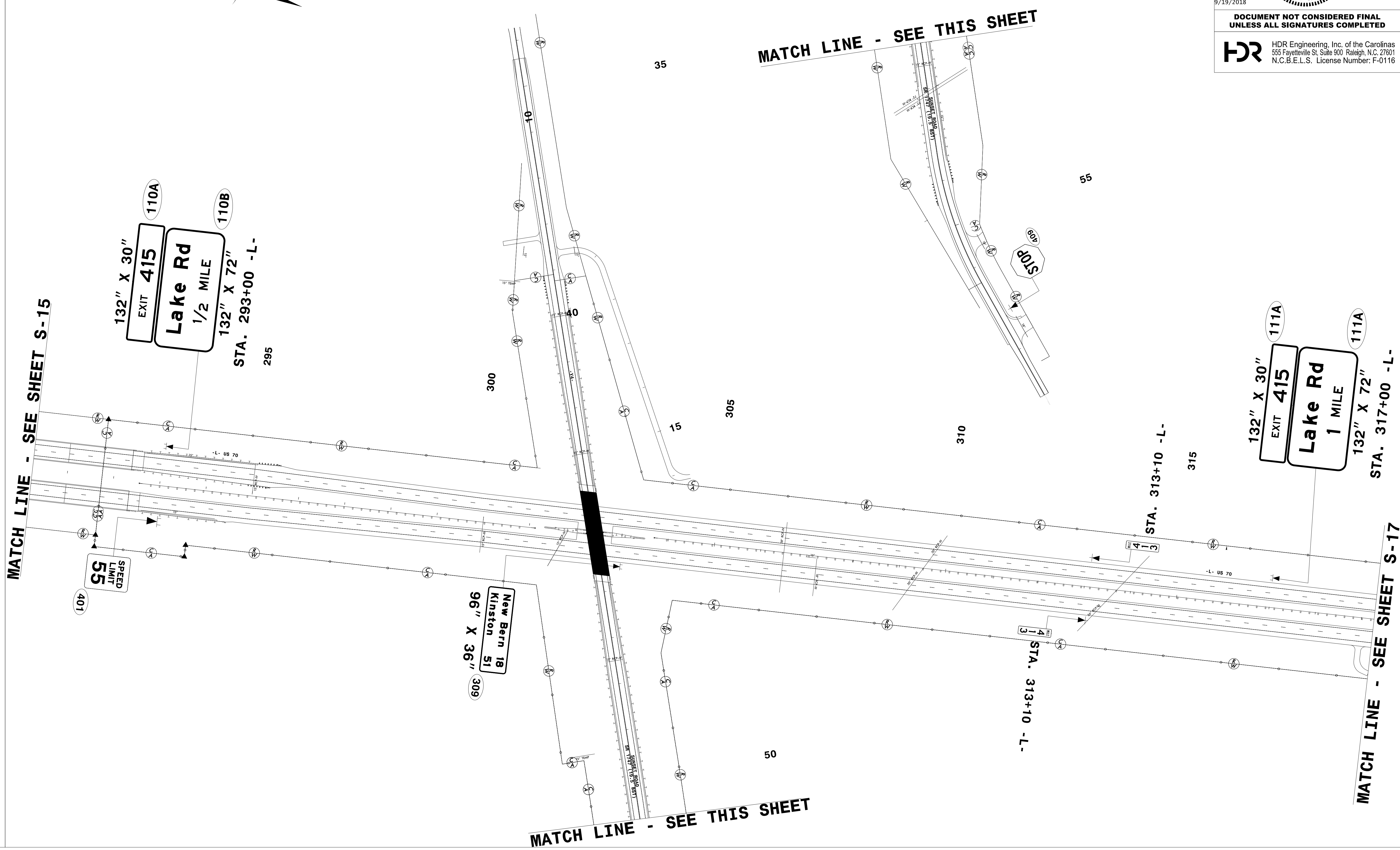
PROJECT REFERENCE NO.	SHEET NO.
R-1015	S-15
RW SHEET NO.	
SIGNING ENGINEER	
	
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REVISIONS

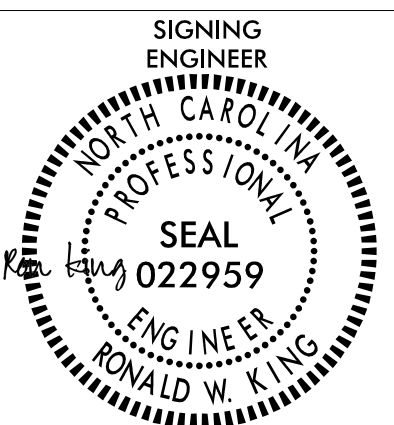

PLOT DRIVER: \$PLTDRV\$
 USER: \$USER\$
 FILE: \$PWVAVULTPATHDESC\$
 DATE: \$DATE\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$

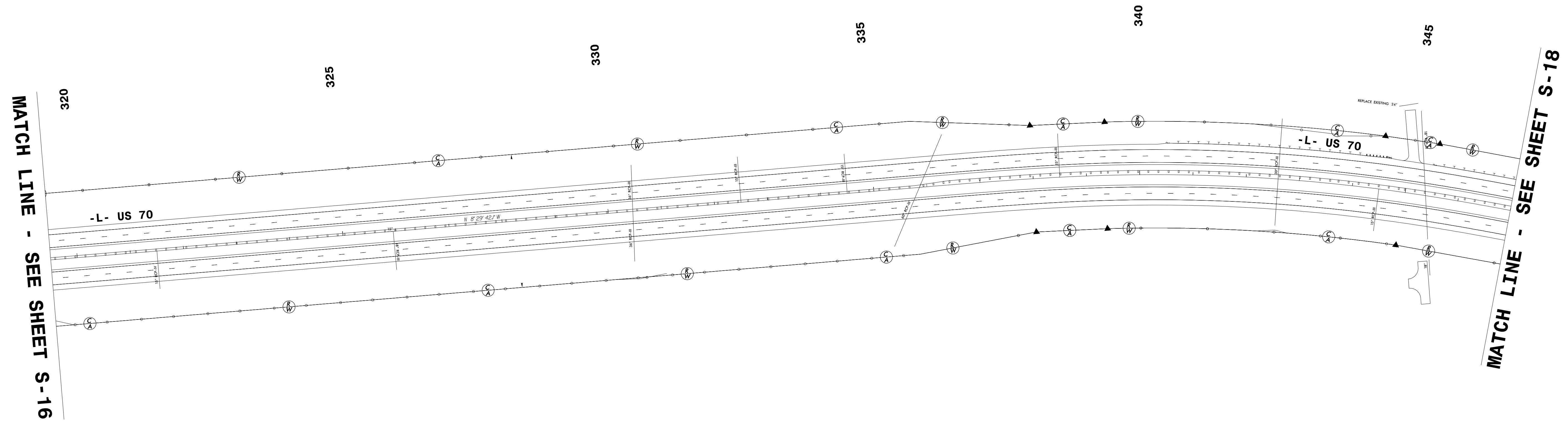
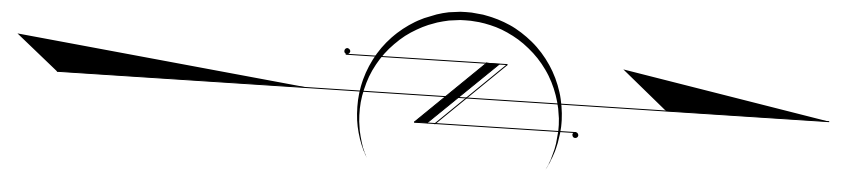
PROJECT REFERENCE NO. R-1015	SHEET NO. S-16
RW SHEET NO.	
SIGNING ENGINEER	
	
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PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWVAVULTPATHDESC\$

REVISIONS

PROJECT REFERENCE NO. R-1015	SHEET NO. S-17
RW SHEET NO.	
SIGNING ENGINEER	
	
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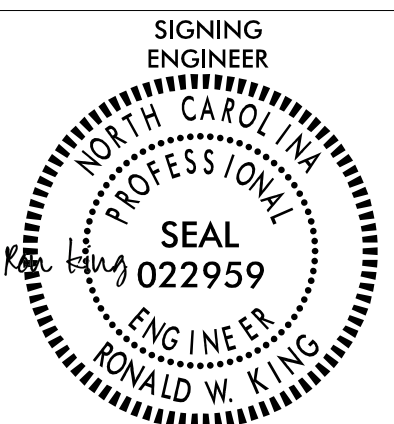



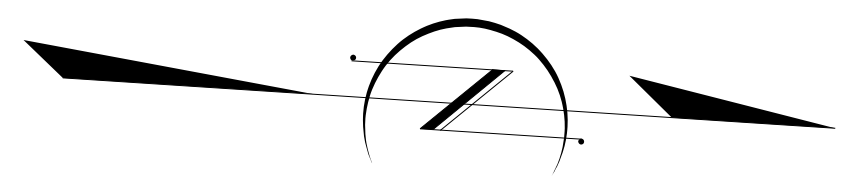
MATCH LINE - SEE SHEET S-16

MATCH LINE - SEE SHEET S-18

REVISIONS

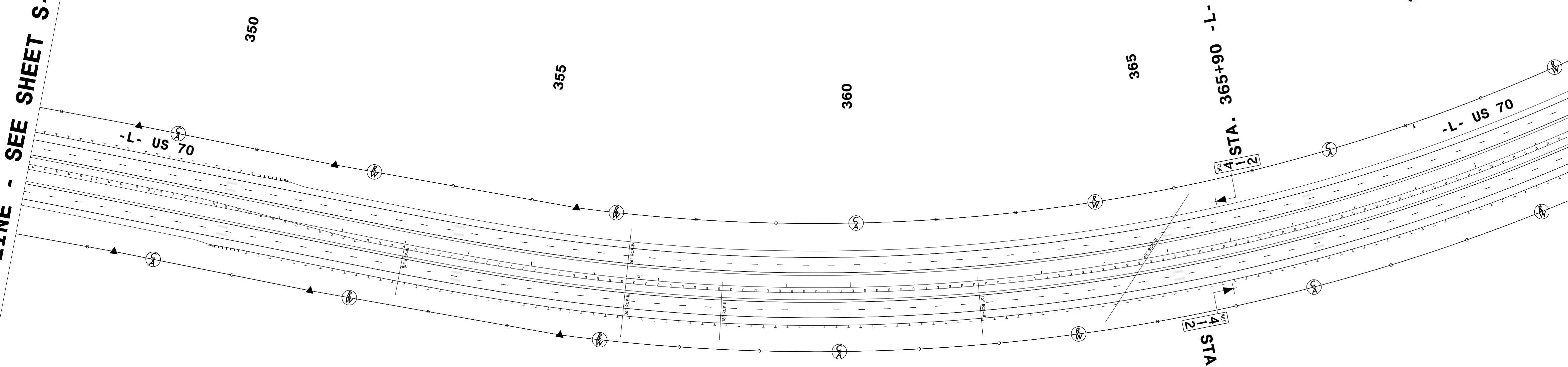
PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYVAULTPATHDESC\$

PROJECT REFERENCE NO.	SHEET NO.
R-1015	S-18
RW SHEET NO.	
SIGNING ENGINEER	
	
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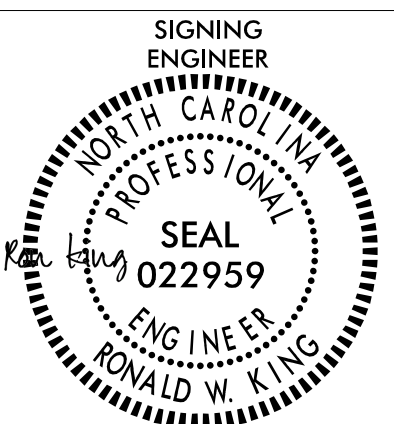

MATCH LINE - SEE SHEET S-17

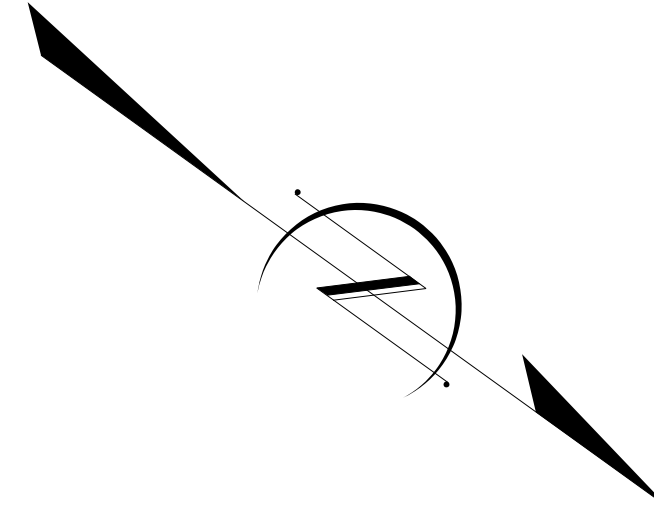
MATCH LINE - SEE SHEET S-19



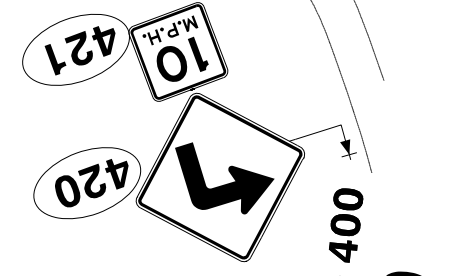
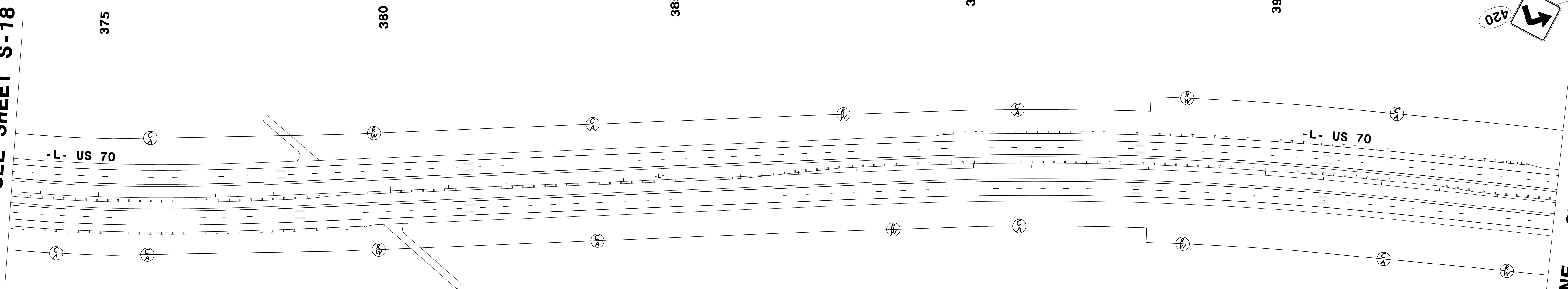
REVISIONS

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYVAULTPATHDESC\$

PROJECT REFERENCE NO.	SHEET NO.
R-1015	S-19
RW SHEET NO.	
SIGNING ENGINEER	
	
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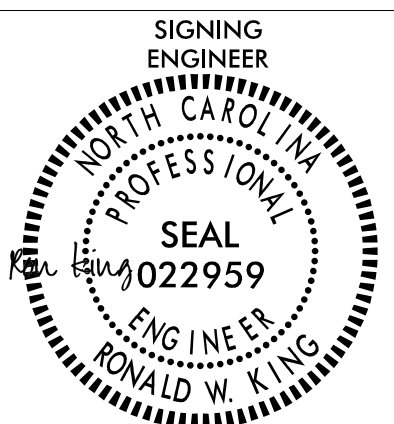

MATCH LINE - SEE SHEET S-18

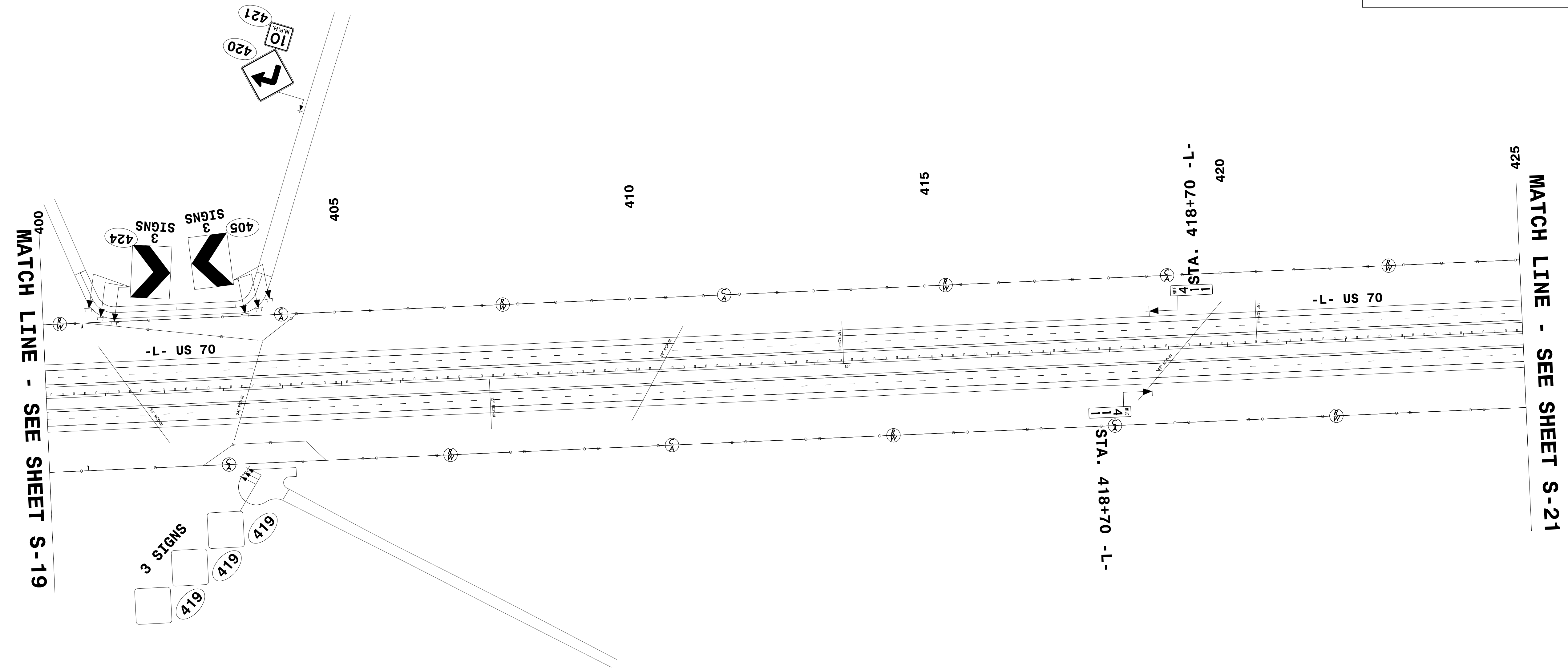
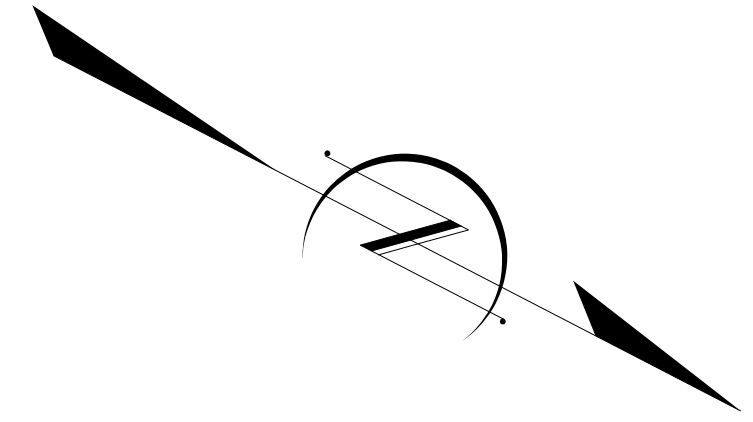


MATCH LINE - SEE SHEET S-20

REVISIONS

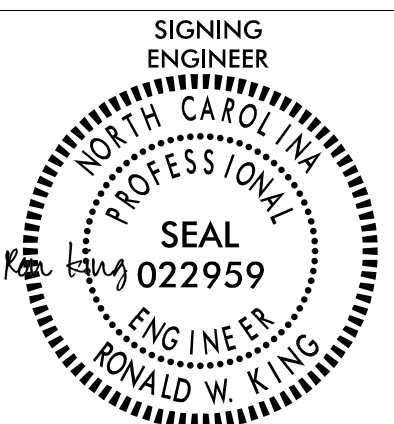

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYVAULTPATHDESC\$

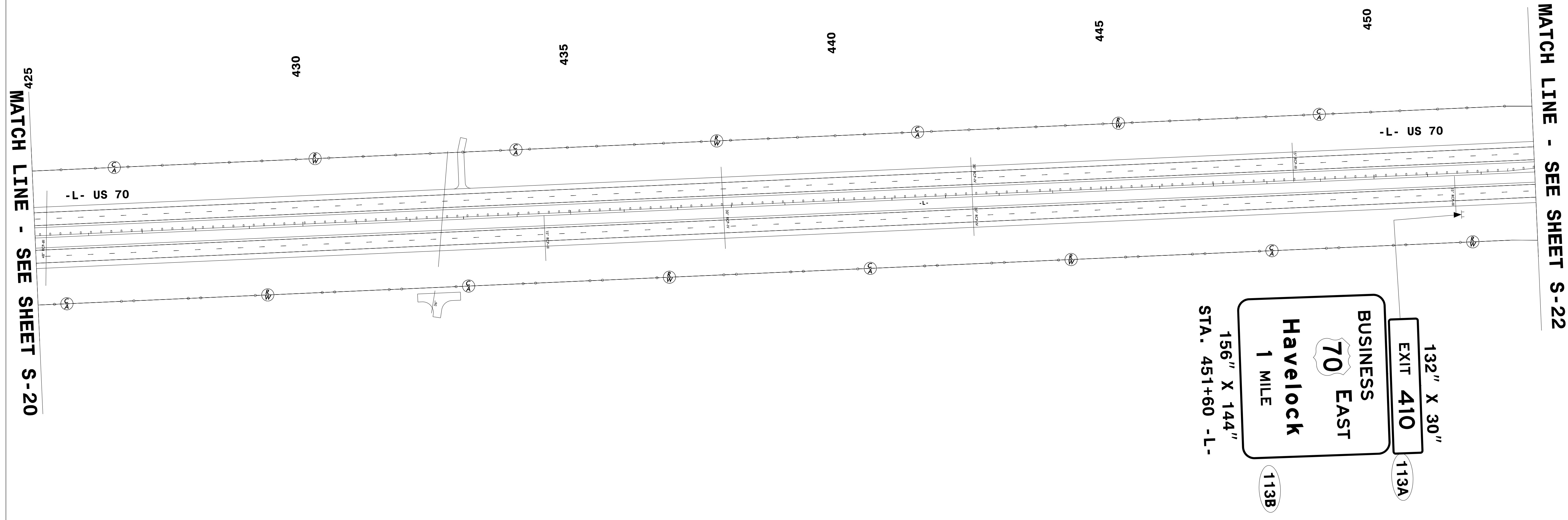
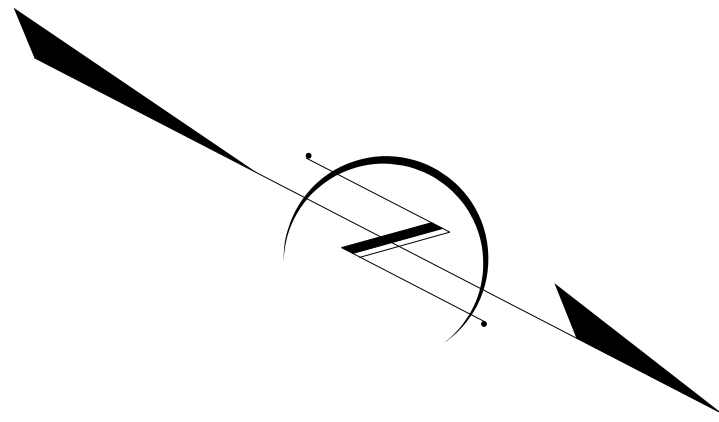
PROJECT REFERENCE NO. R-1015	SHEET NO. S-20
RW SHEET NO.	
SIGNING ENGINEER	
	
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REVISIONS

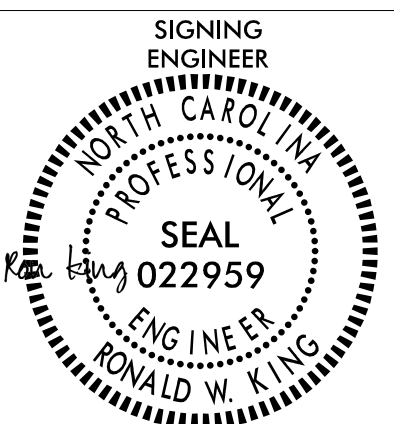

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYVAULTPATHDESC\$

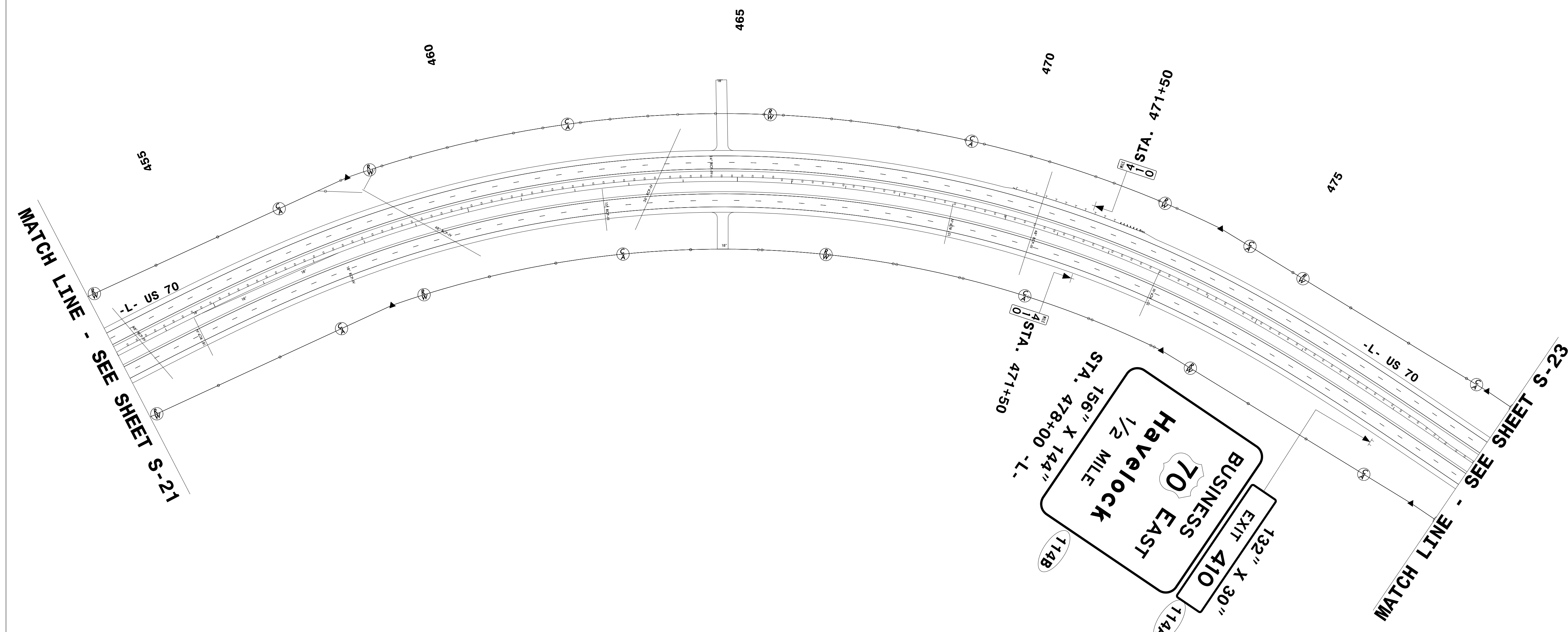
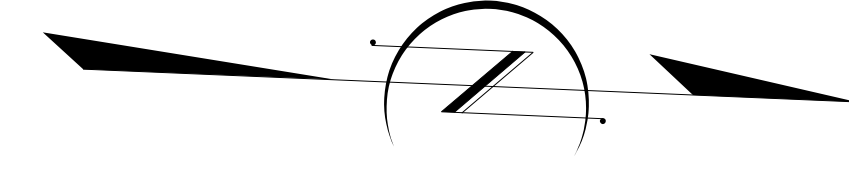
PROJECT REFERENCE NO. R-1015	SHEET NO. S-21
RW SHEET NO.	
SIGNING ENGINEER	
	
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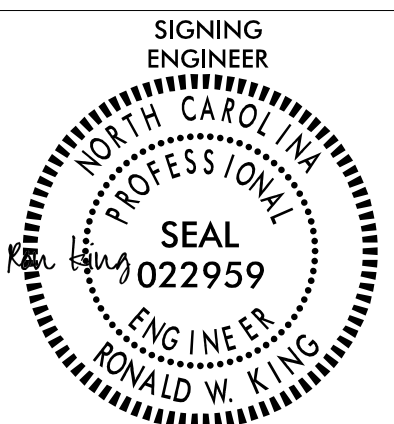

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ TIME: \$TIME\$
 DATE: \$DATE\$
 FILE: \$PWYVAULTPATHDESC\$

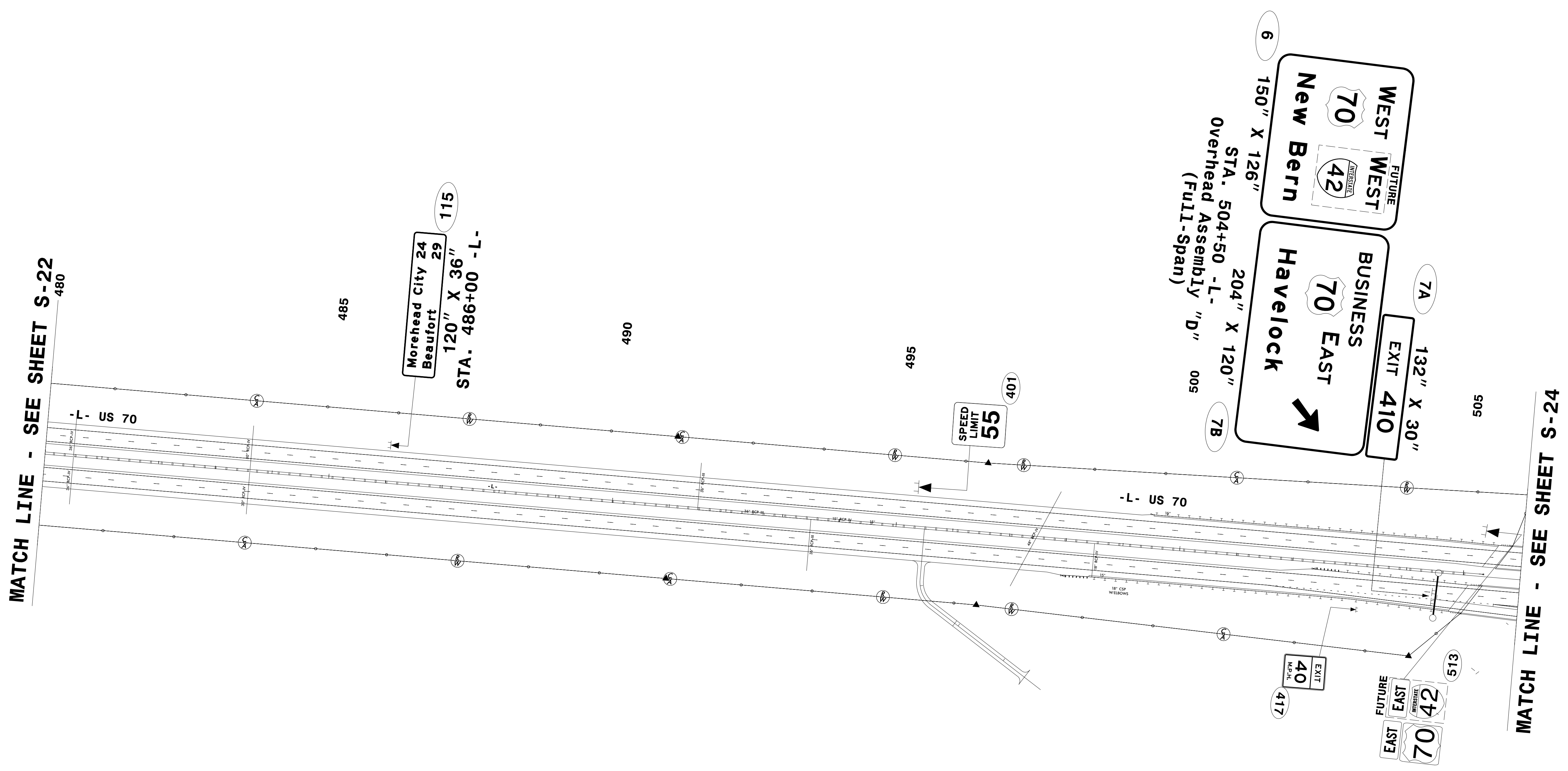
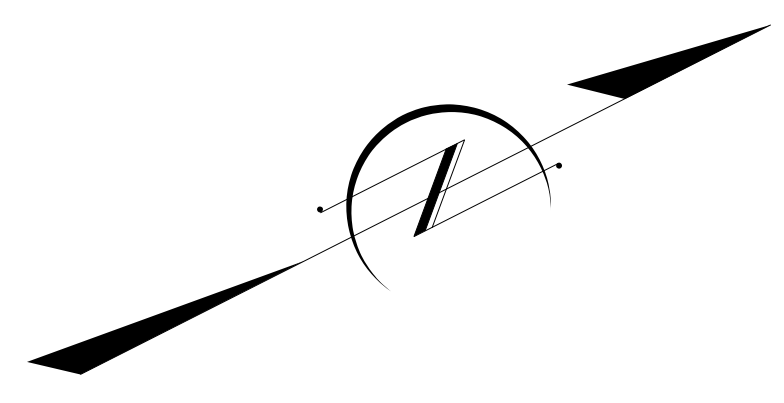
PROJECT REFERENCE NO. R-1015	SHEET NO. S-22
RW SHEET NO.	
	
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REVISIONS

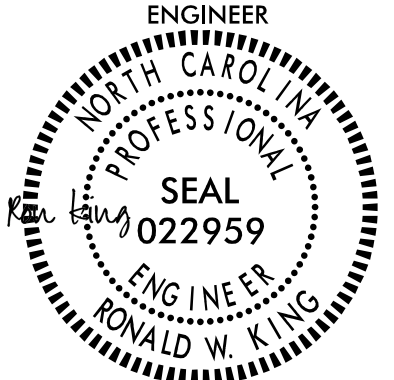

PLOT DRIVER: \$PLTDRV\$
 USER: \$USER\$
 FILE: \$PWYVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 DATE: \$DATE\$

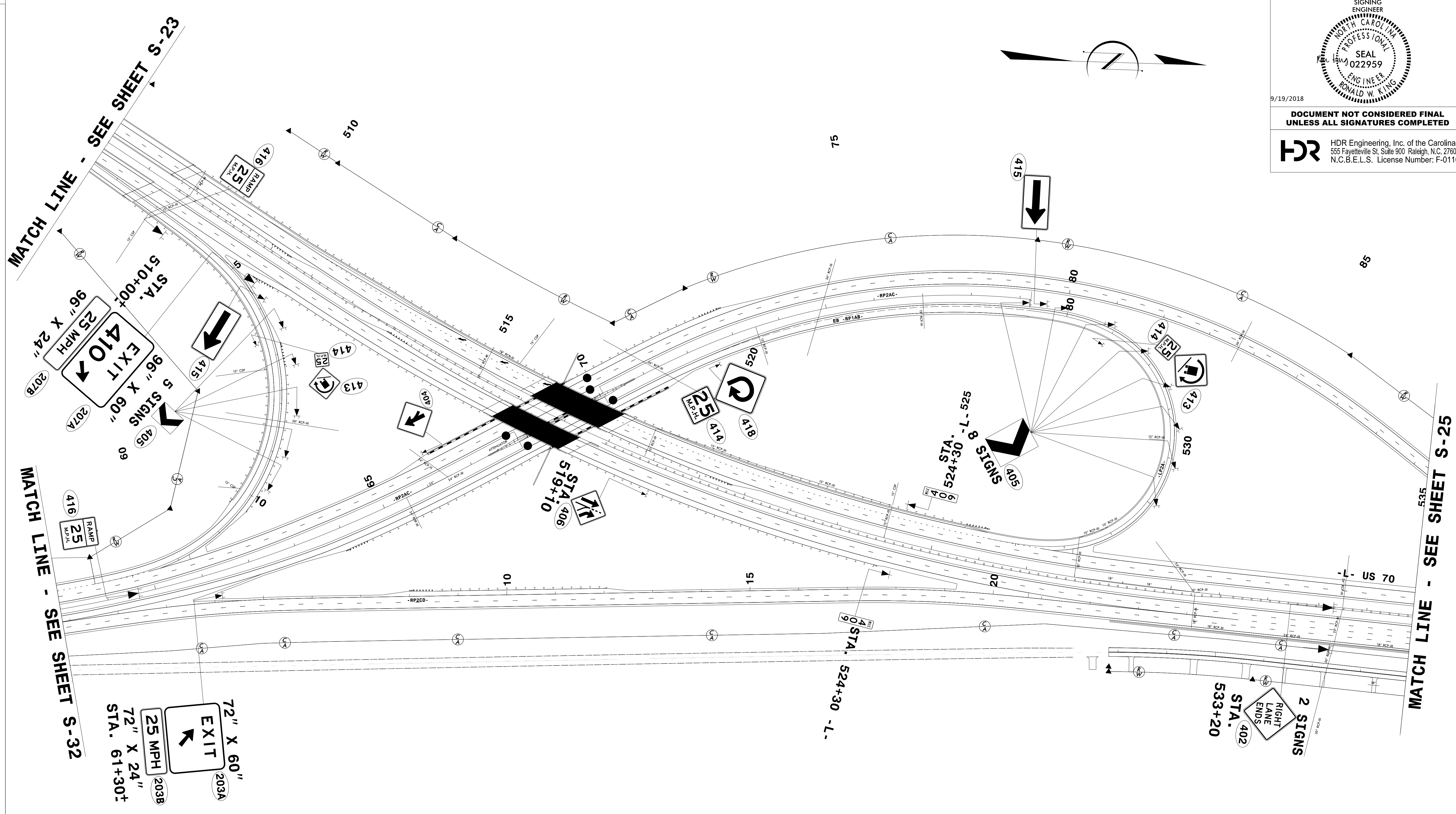
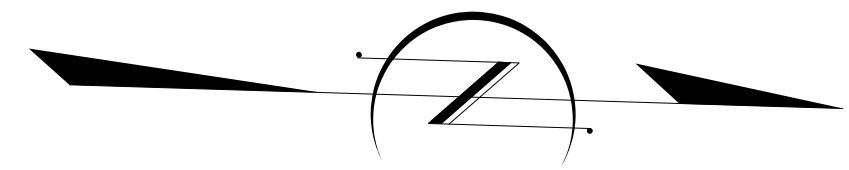
PROJECT REFERENCE NO. R-1015	SHEET NO. S-23
RW SHEET NO.	
SIGNING ENGINEER	
	
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REVISIONS

PLOT DRIVER: \$PLTDRV\$
 USER: \$USER\$
 FILE: \$PWYVAULTPATHDESC\$
 DATE: \$DATE\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-24
RW SHEET NO.	
SIGNING ENGINEER	
	
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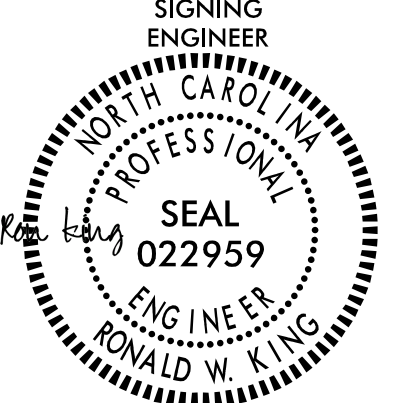

MATCH LINE - SEE SHEET S-23

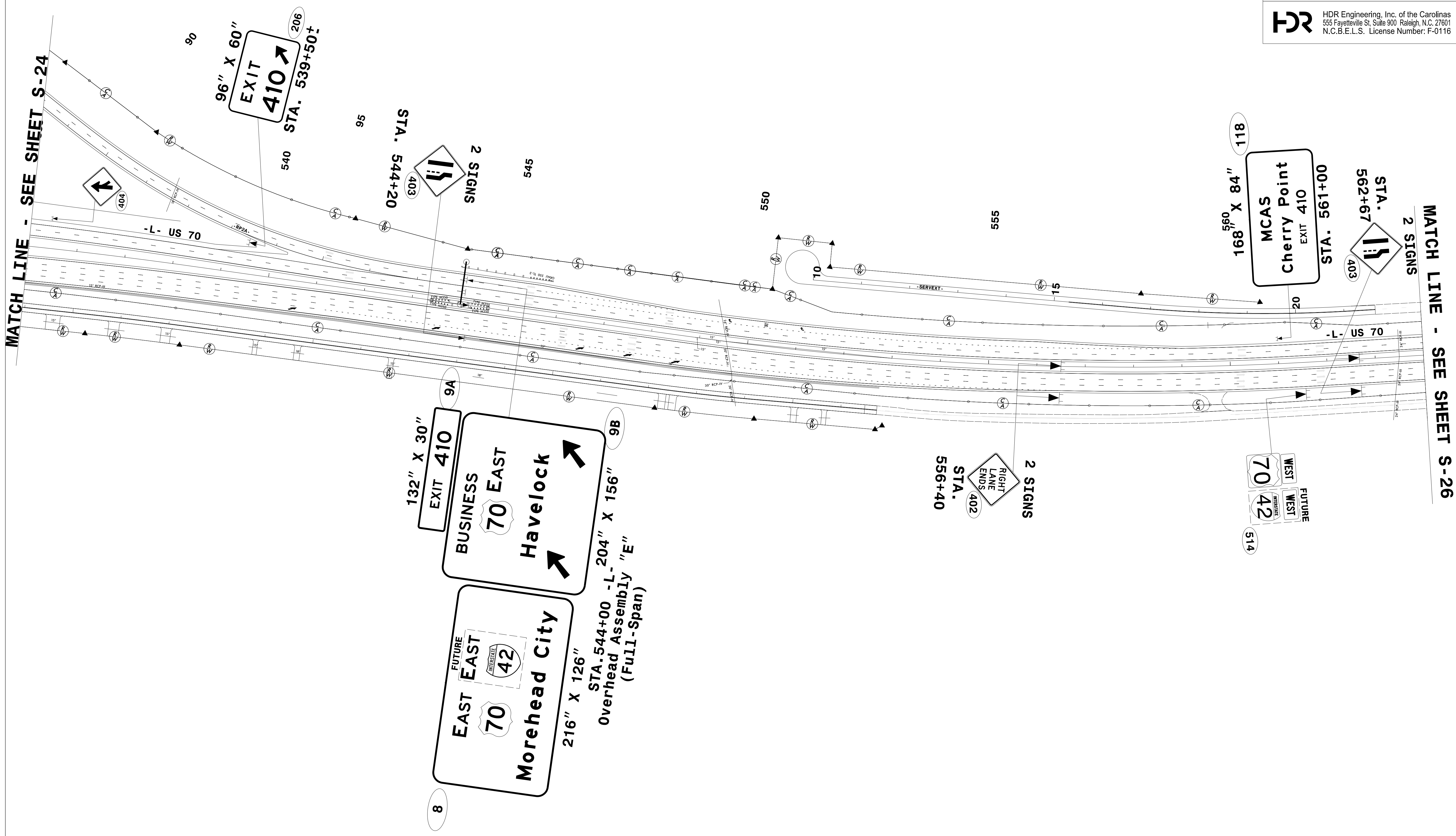
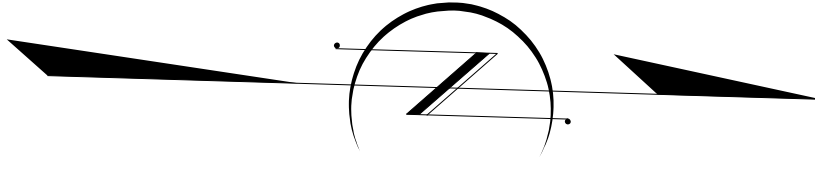
MATCH LINE - SEE SHEET S-32

MATCH LINE - SEE SHEET S-25

REVISIONS

PLOT DRIVER: \$PLTDRV\$
 USER: \$USER\$
 FILE: \$PWYVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 DATE: \$DATE\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-25
RW SHEET NO.	
SIGNING ENGINEER	
	
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MATCH LINE - SEE SHEET S-24

MATCH LINE - SEE SHEET S-26

REVISIONS

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYVAULTPATHDESC\$

8

132" X 30" EXIT 410 9A

BUSINESS 70 EAST Havelock

216" X 126" 9B

STA. 544+00 -L- 204" X 156" Overhead Assembly "E" (Full-Span)

216" X 126"

514

WEST 70 WEST 42 FUTURE WEST 70 WEST 42

2 SIGNS

STA. 556+40

RIGHT LANE ENDS (402)

118

560 X 84" 096'

MCAS Cherry Point EXIT 410

STA. 561+00

562+67

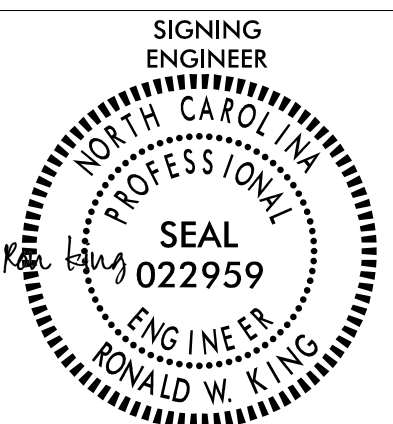

2 SIGNS (403)

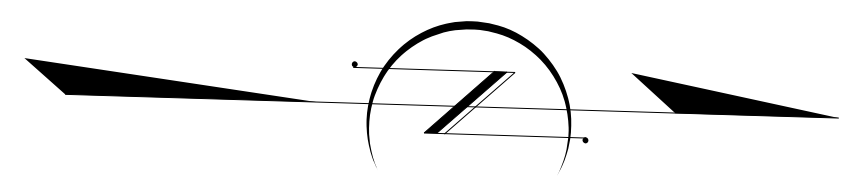
2 SIGNS (403)

STA. 544+20

96" X 60" EXIT 410

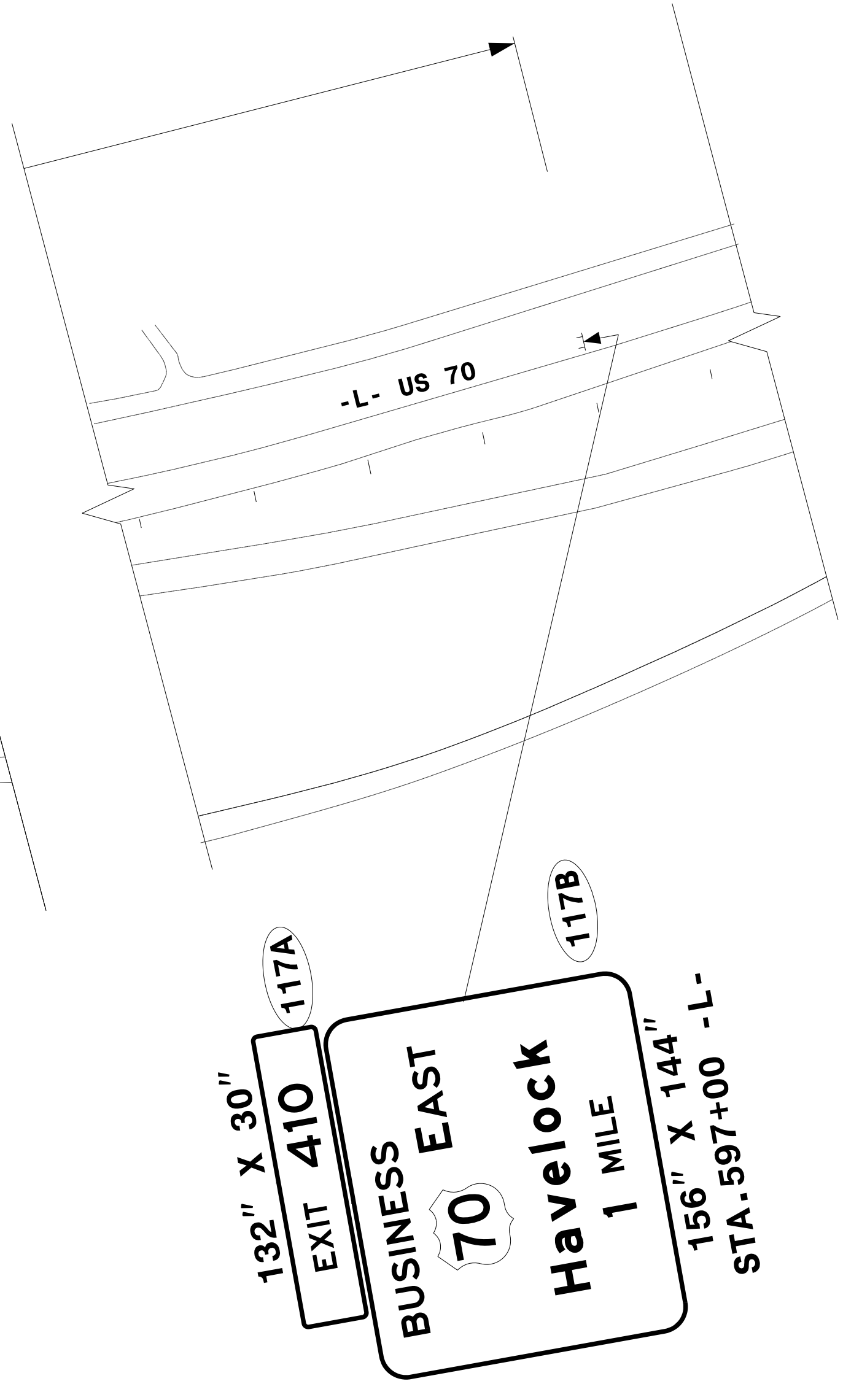
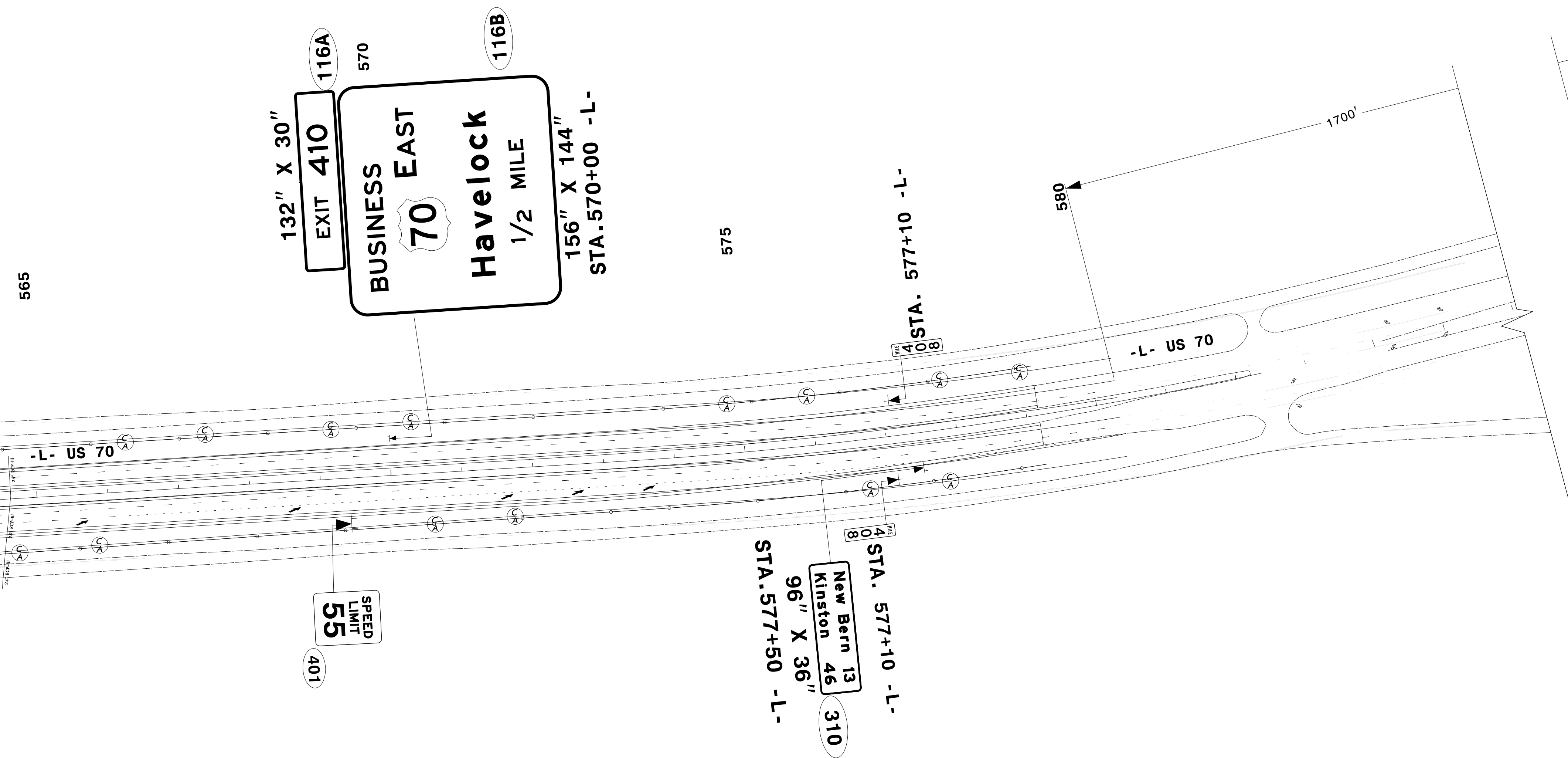
STA. 539+50+

PROJECT REFERENCE NO. R-1015	SHEET NO. S-26
RW SHEET NO.	
SIGNING ENGINEER	
	
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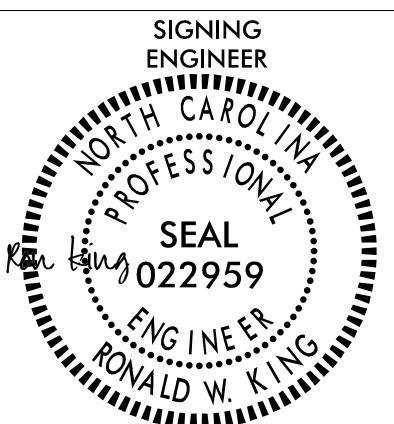

595

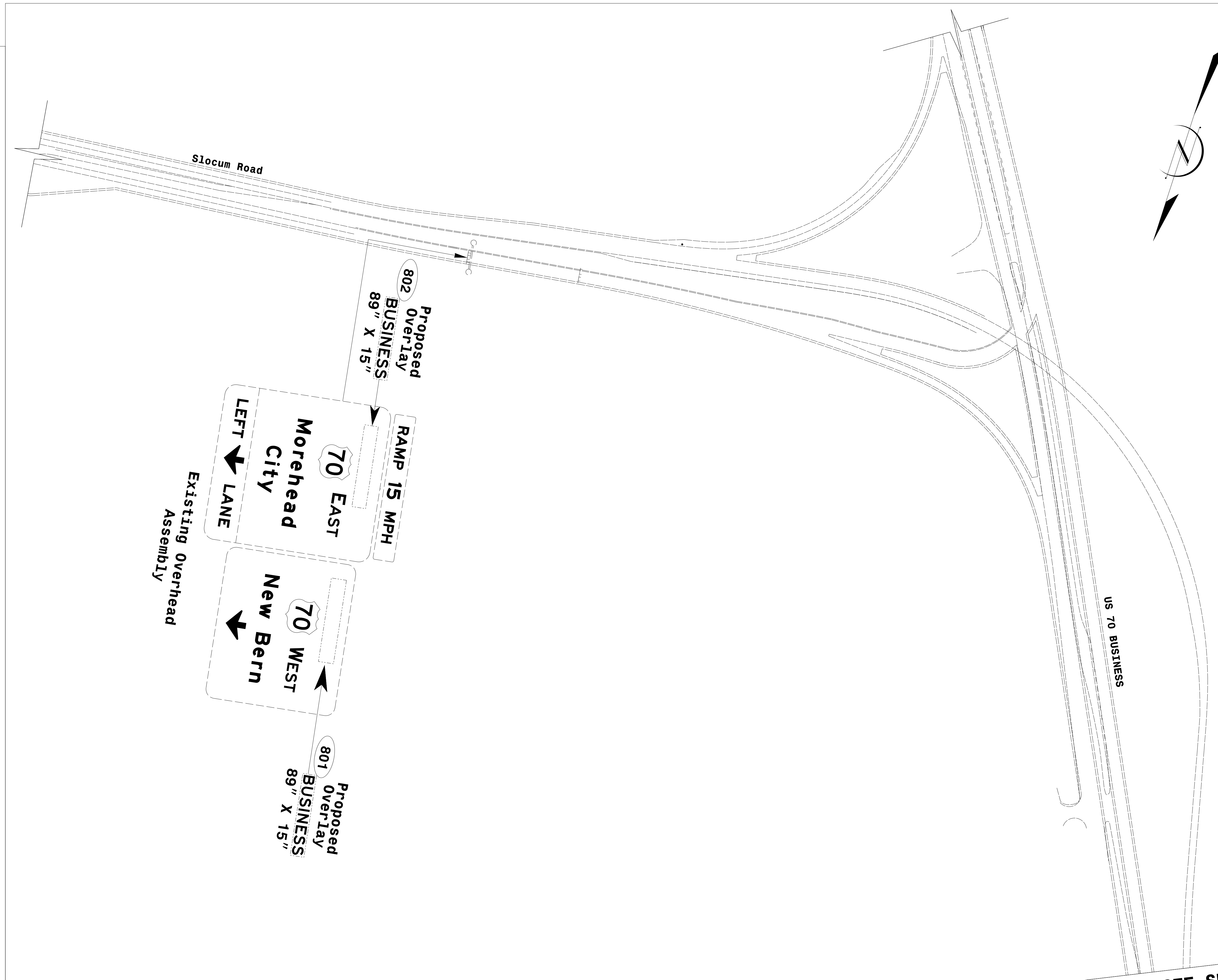
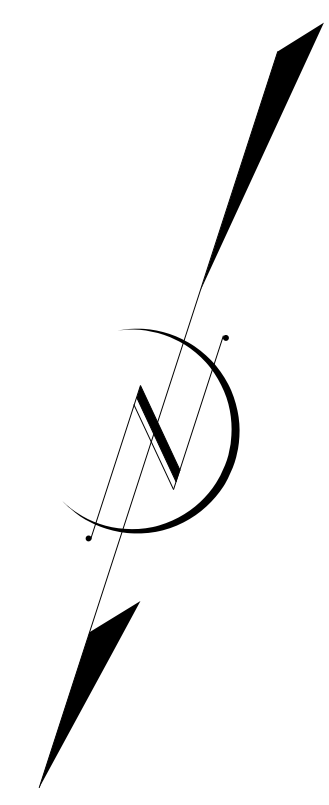
MATCH LINE - SEE SHEET S-25



REVISIONS

PLOT DRIVER: \$PLTDRV\$
 USER: \$USER\$
 FILE: \$PWYVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 DATE: \$DATE\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-27
RW SHEET NO.	
	
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MATCH LINE - SEE SHEET S-28

REVISIONS

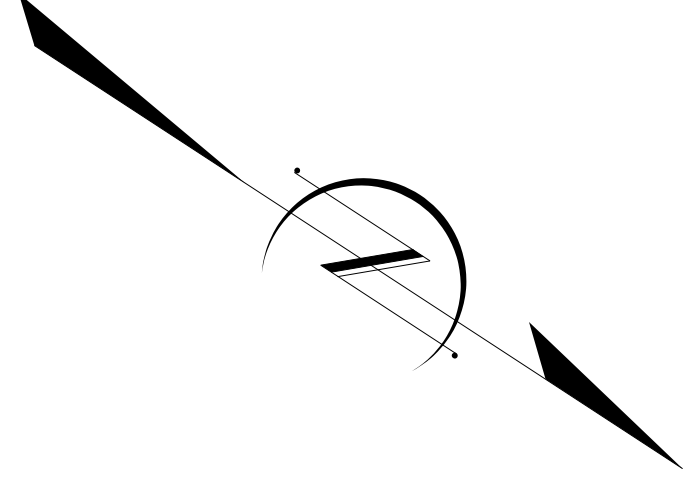
PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ TIME: \$TIME\$
 DATE: \$DATE\$
 FILE: \$PWYVAULTPATHDESC\$

PLOT DRIVER: \$PLTDRV\$
USER: \$USER\$
FILE: \$PWVAVULTPATHDESC\$

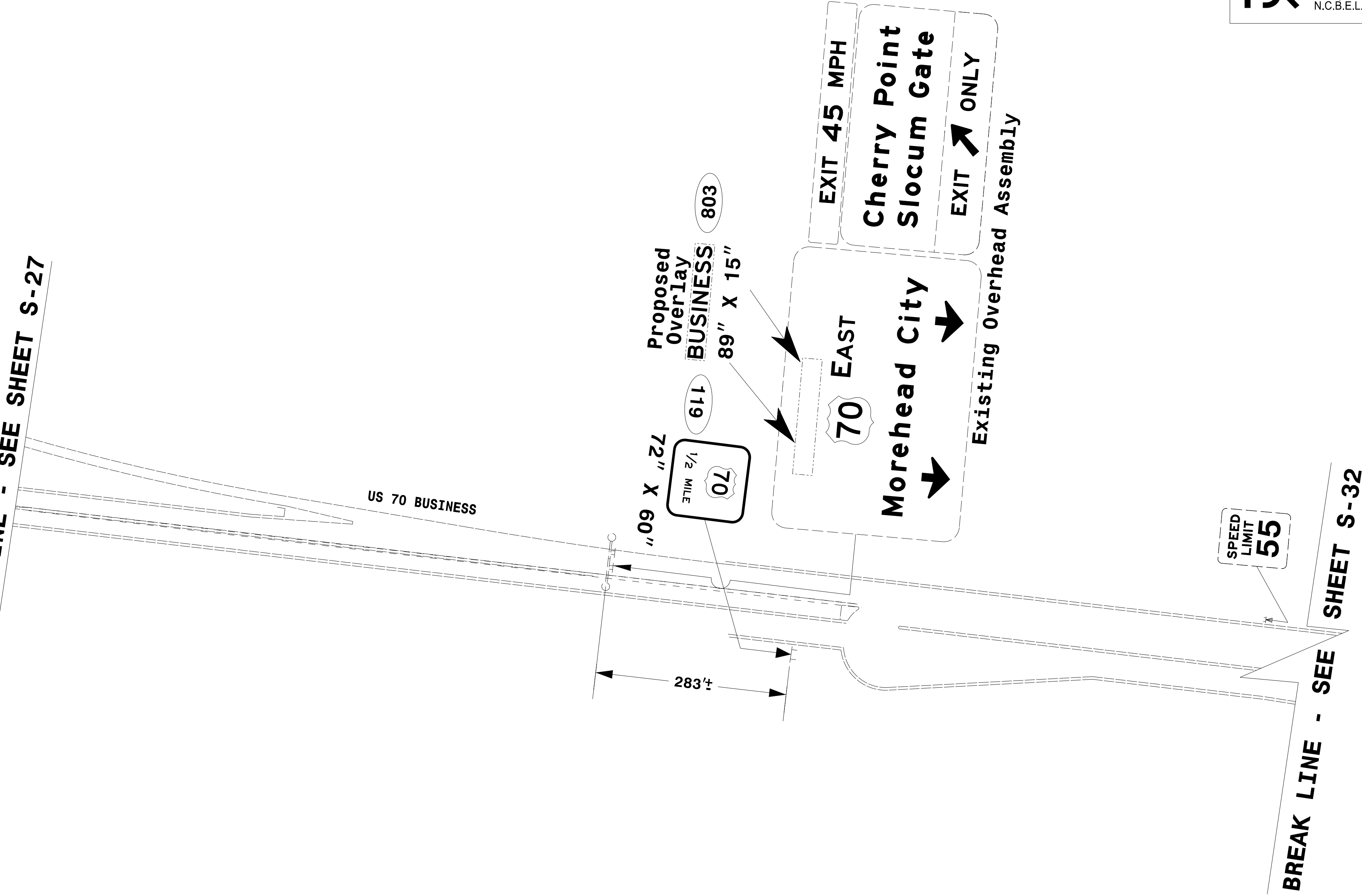
DATE: \$DATE\$

PENTABLE: \$PENTBL\$
TIME: \$TIME\$

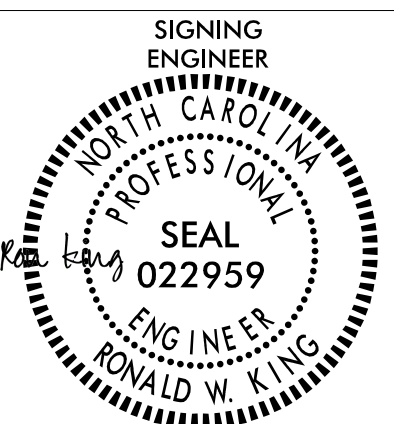

REVISIONS

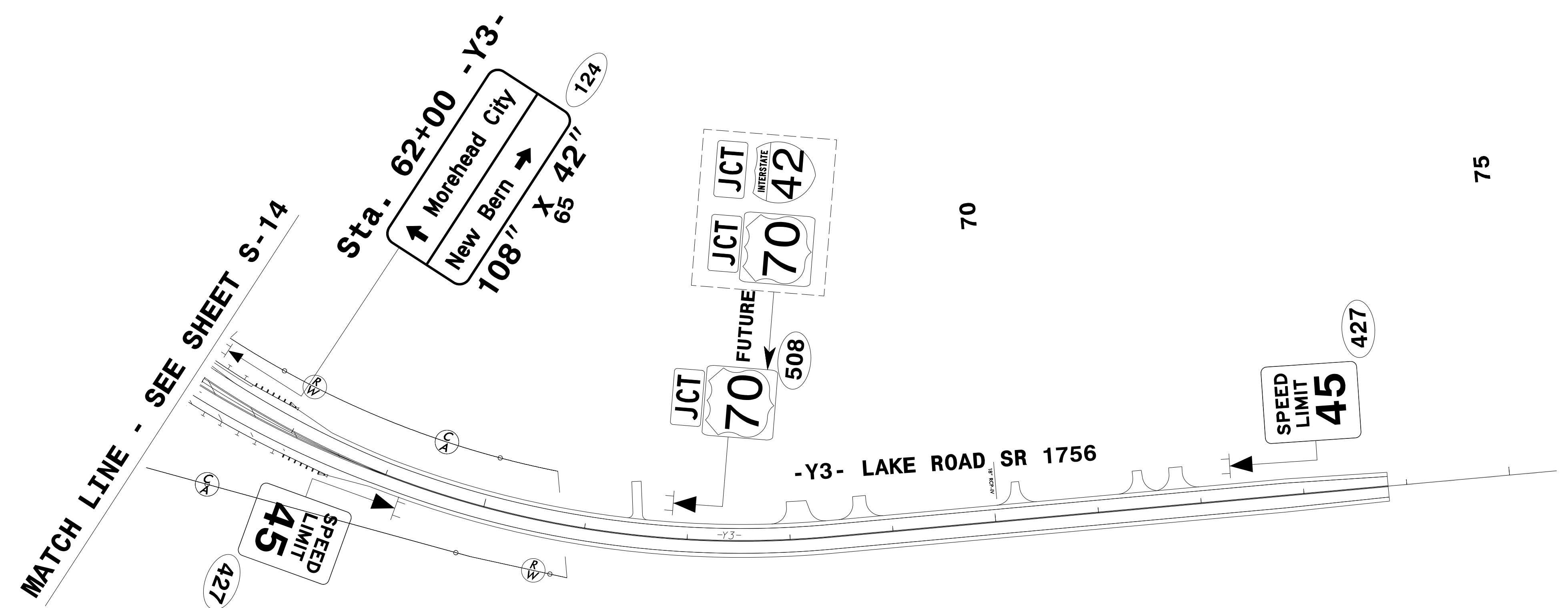
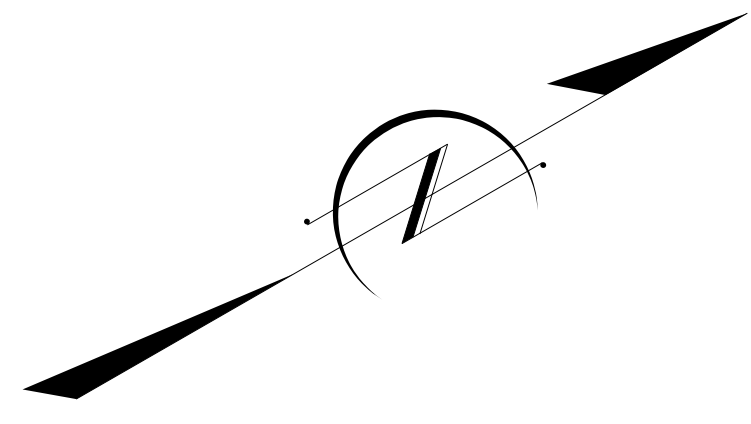


MATCH LINE - SEE SHEET S-27

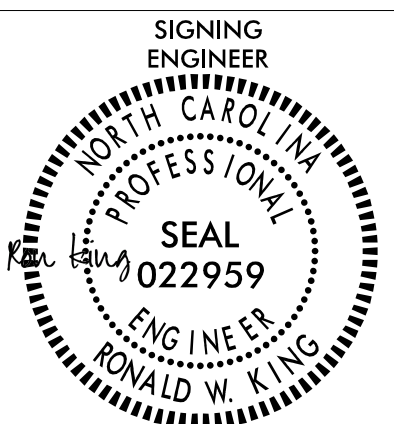



PROJECT REFERENCE NO. R-1015	SHEET NO. S-28
RW SHEET NO.	
9/19/2018	
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PROJECT REFERENCE NO. R-1015	SHEET NO. S-29
RW SHEET NO.	
	
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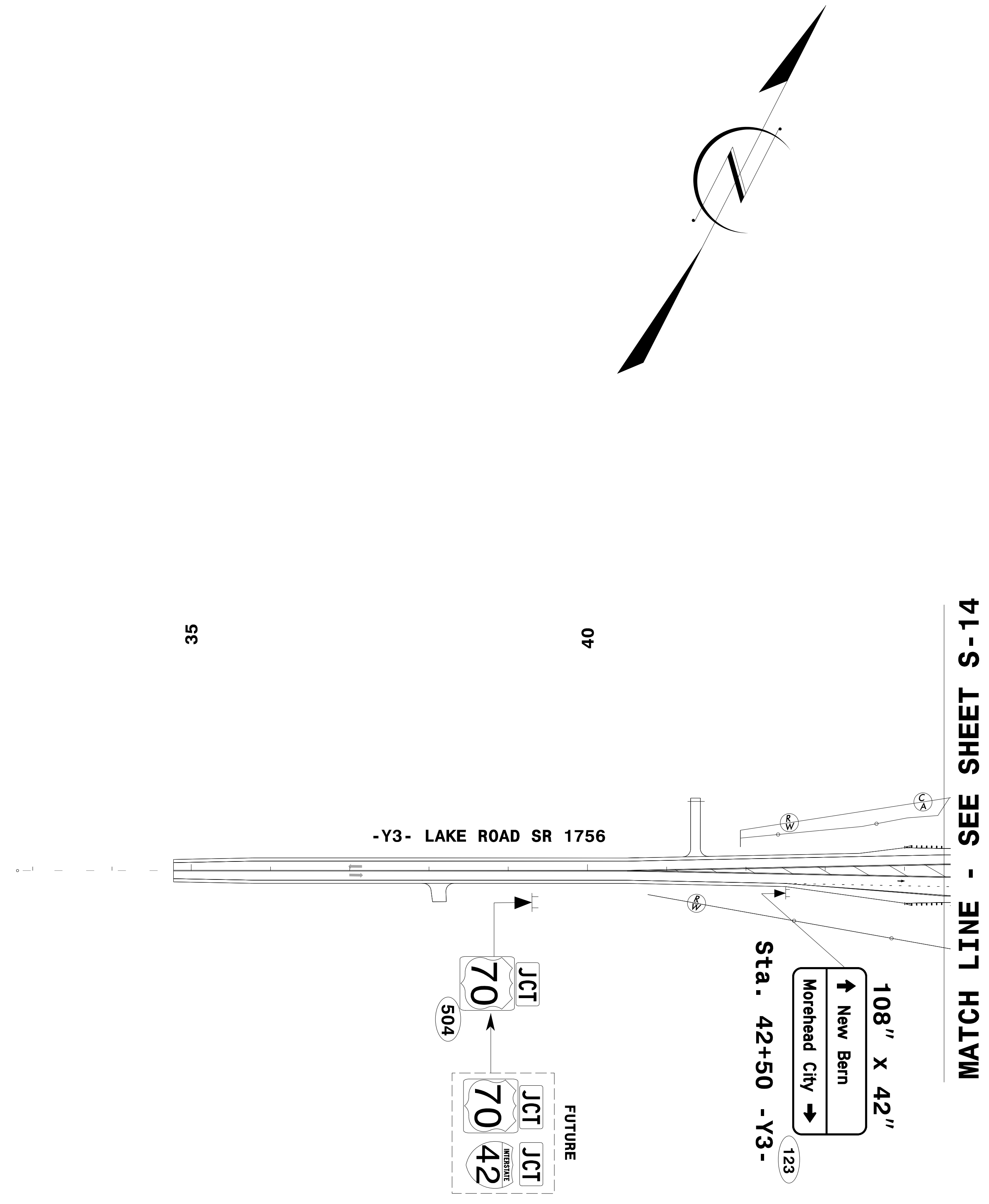


REVISIONS

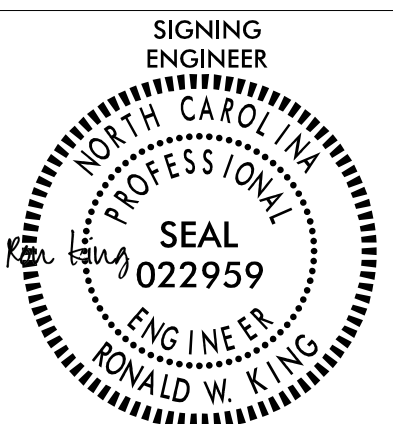

PROJECT REFERENCE NO. R-1015	SHEET NO. S-30
RW SHEET NO.	
SIGNING ENGINEER	
	
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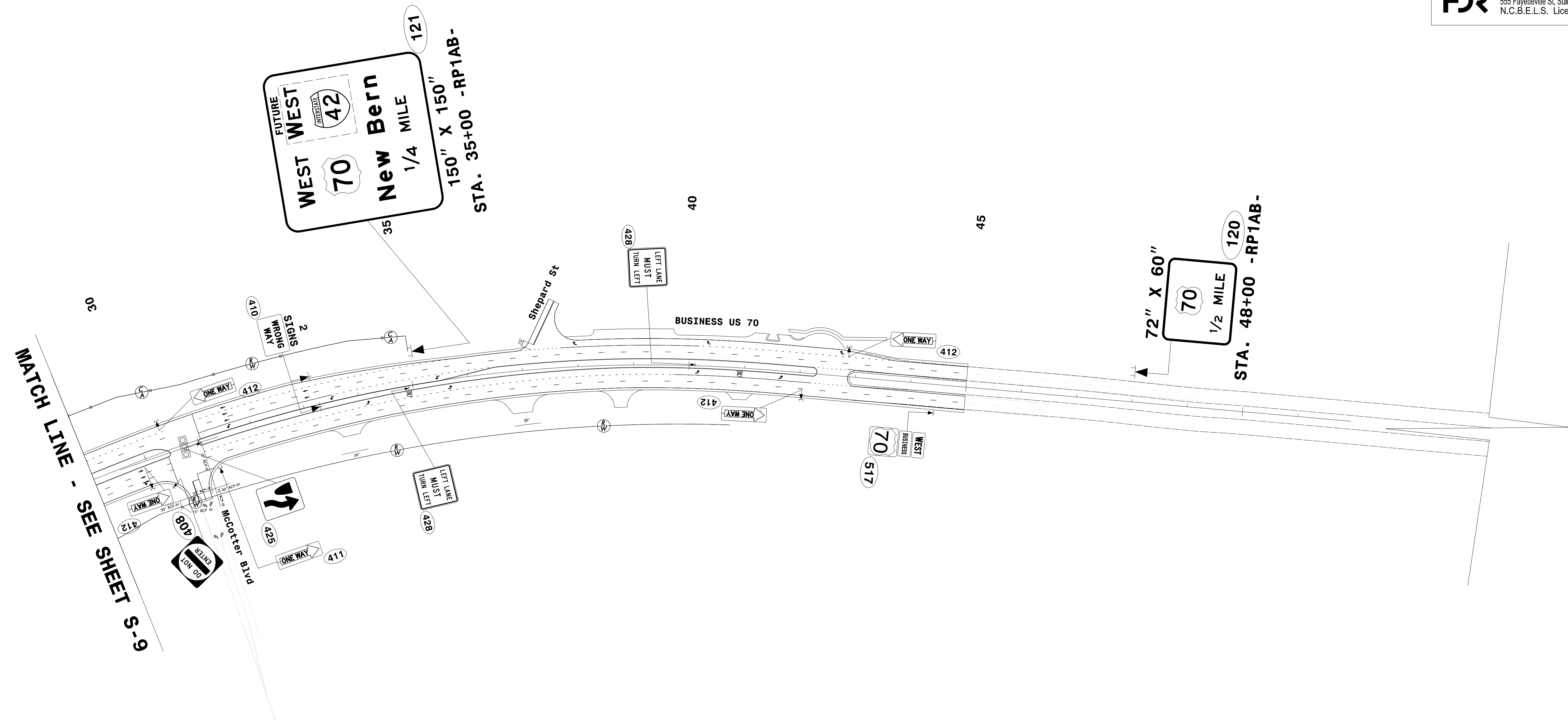
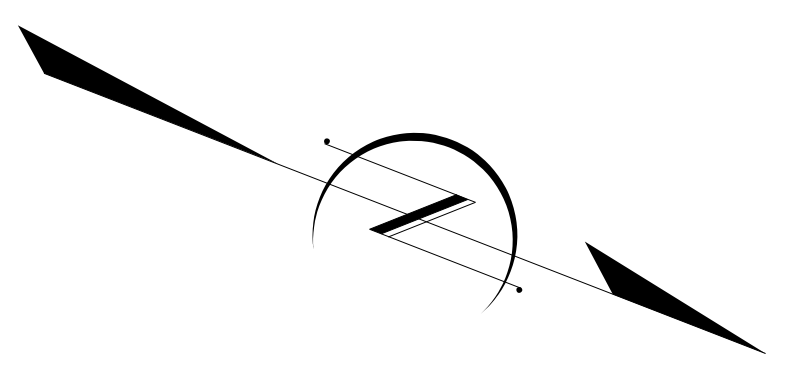
REVISIONS

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYRVAULTPATHDESC\$



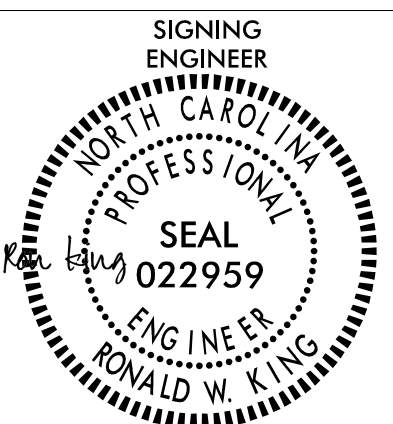

MATCH LINE - SEE SHEET S-14

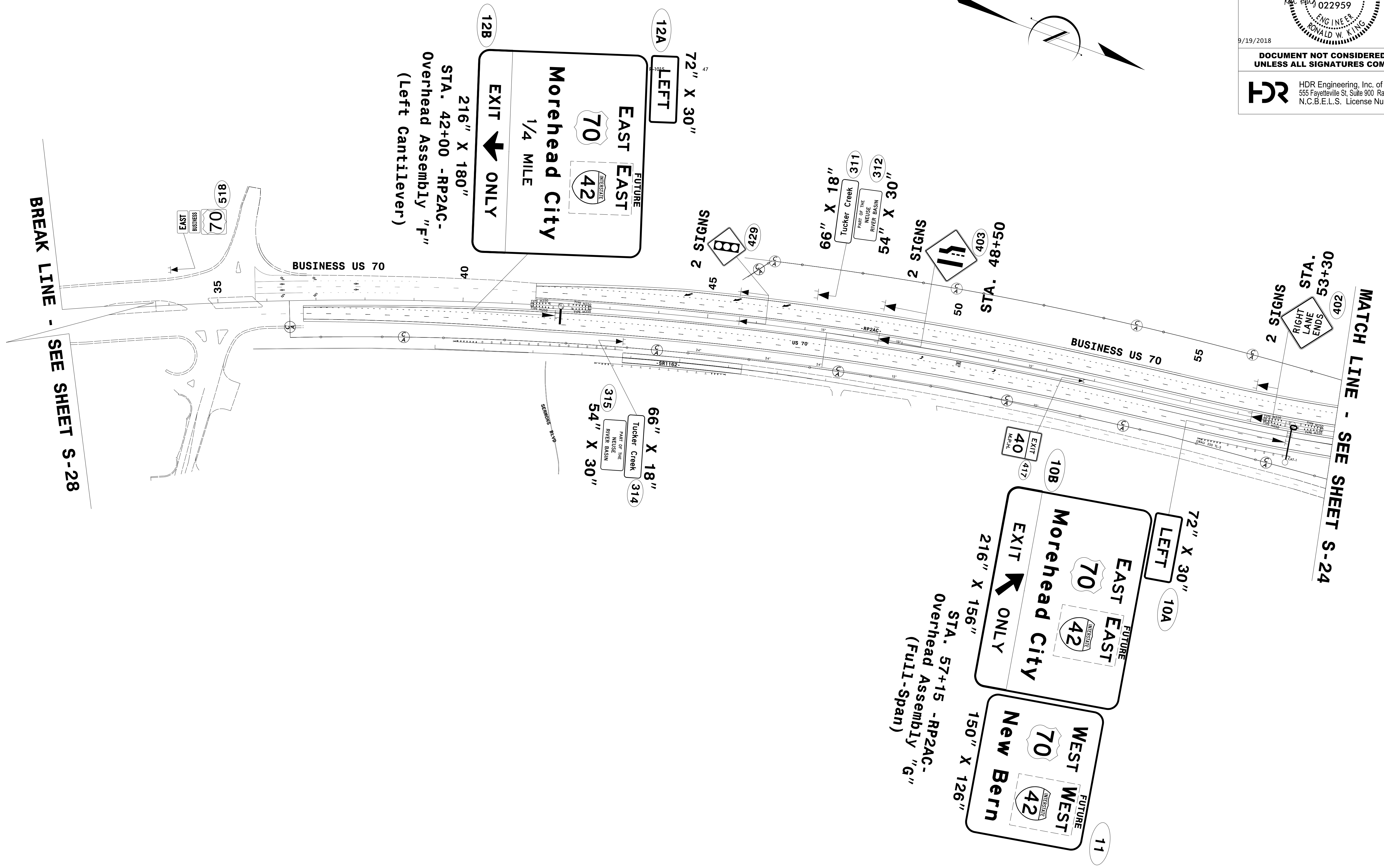
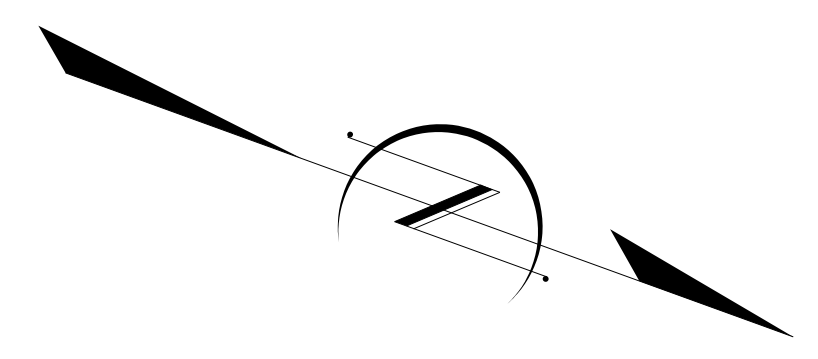
PROJECT REFERENCE NO. R-1015	SHEET NO. S-31
RW SHEET NO.	
SIGNING ENGINEER	
	
9/19/2018	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
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REVISIONS

PLOT DRIVER: \$PLTDRV\$
 USER: \$USER\$
 FILE: \$PWYVAULTPATHDESC\$
 PENTABLE: \$PENTBL\$
 TIME: \$TIME\$
 DATE: \$DATE\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-32
RW SHEET NO.	
SIGNING ENGINEER	
	
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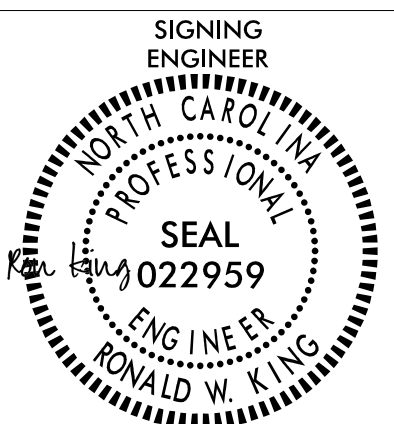



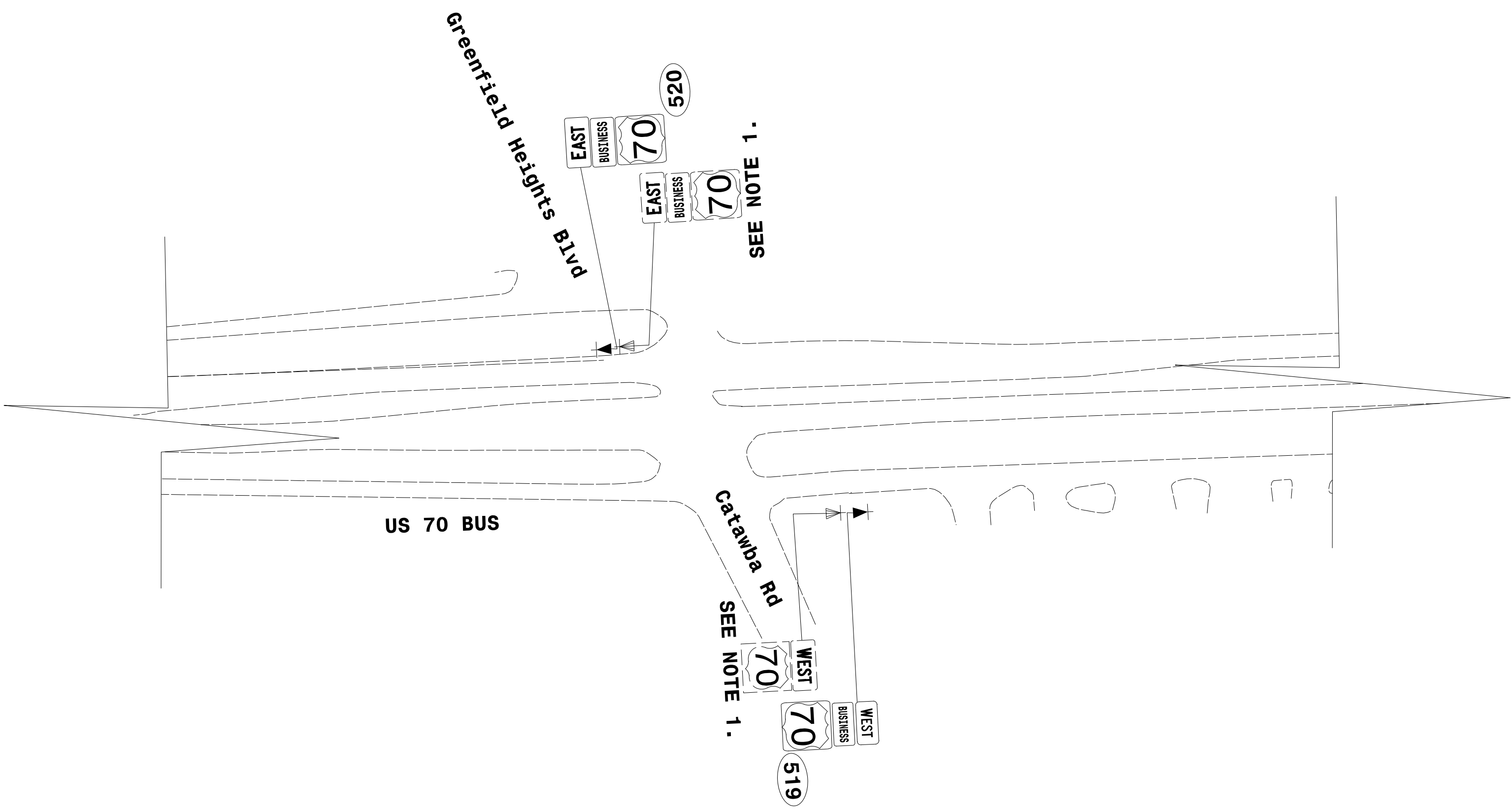
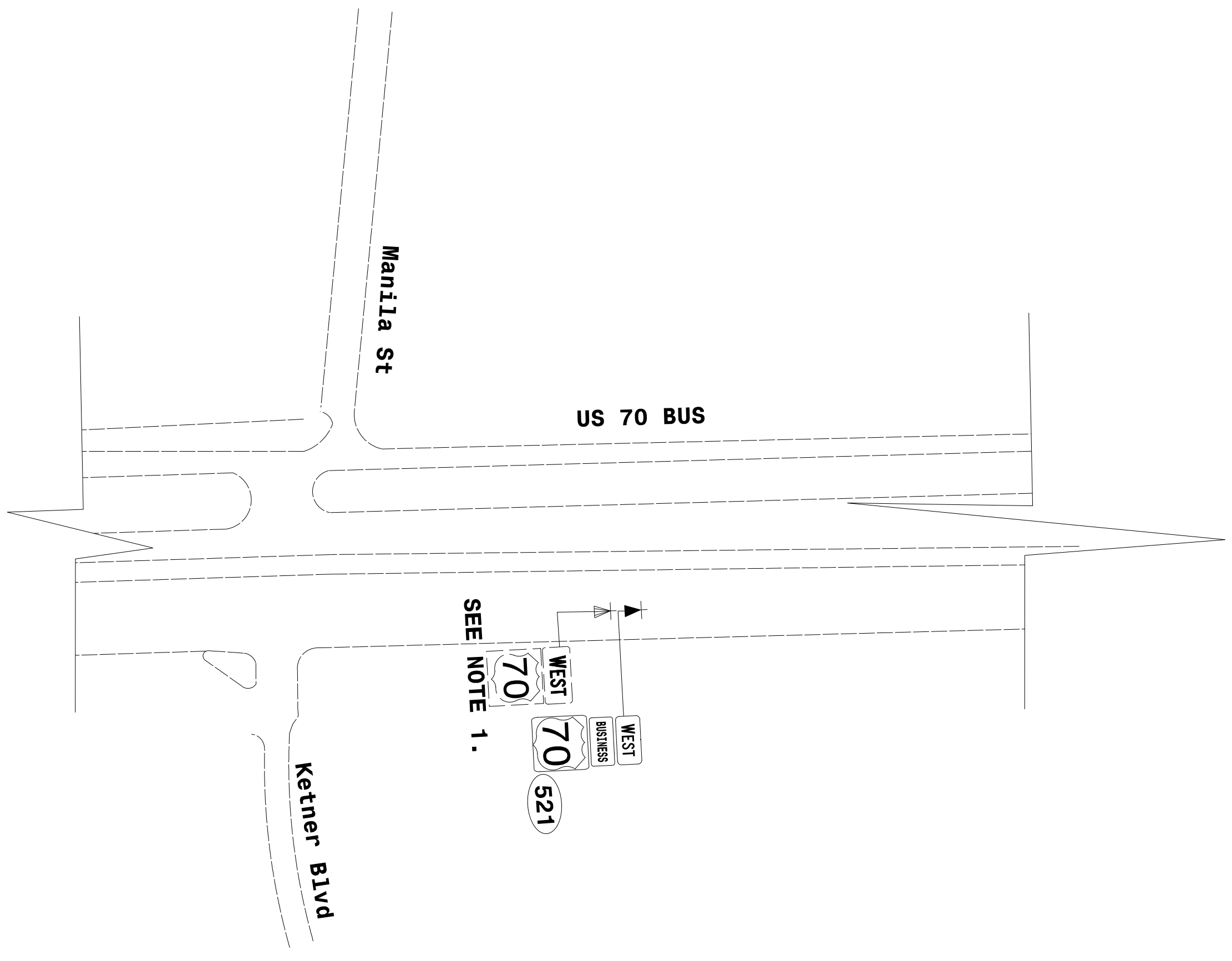
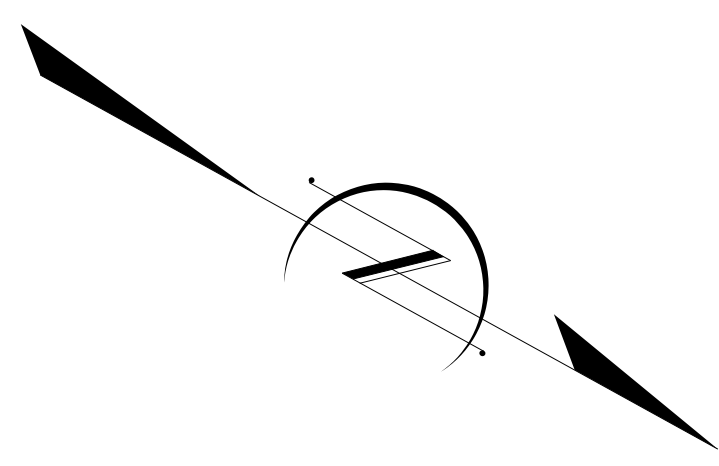
BREAK LINE - SEE SHEET S-28

MATCH LINE - SEE SHEET S-24

REVISIONS

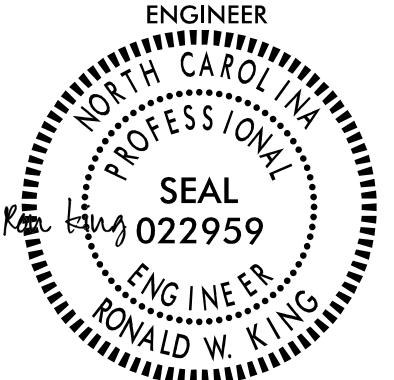

PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ TIME: \$TIME\$
 DATE: \$DATE\$
 FILE: \$PWYVAULTPATHDESC\$

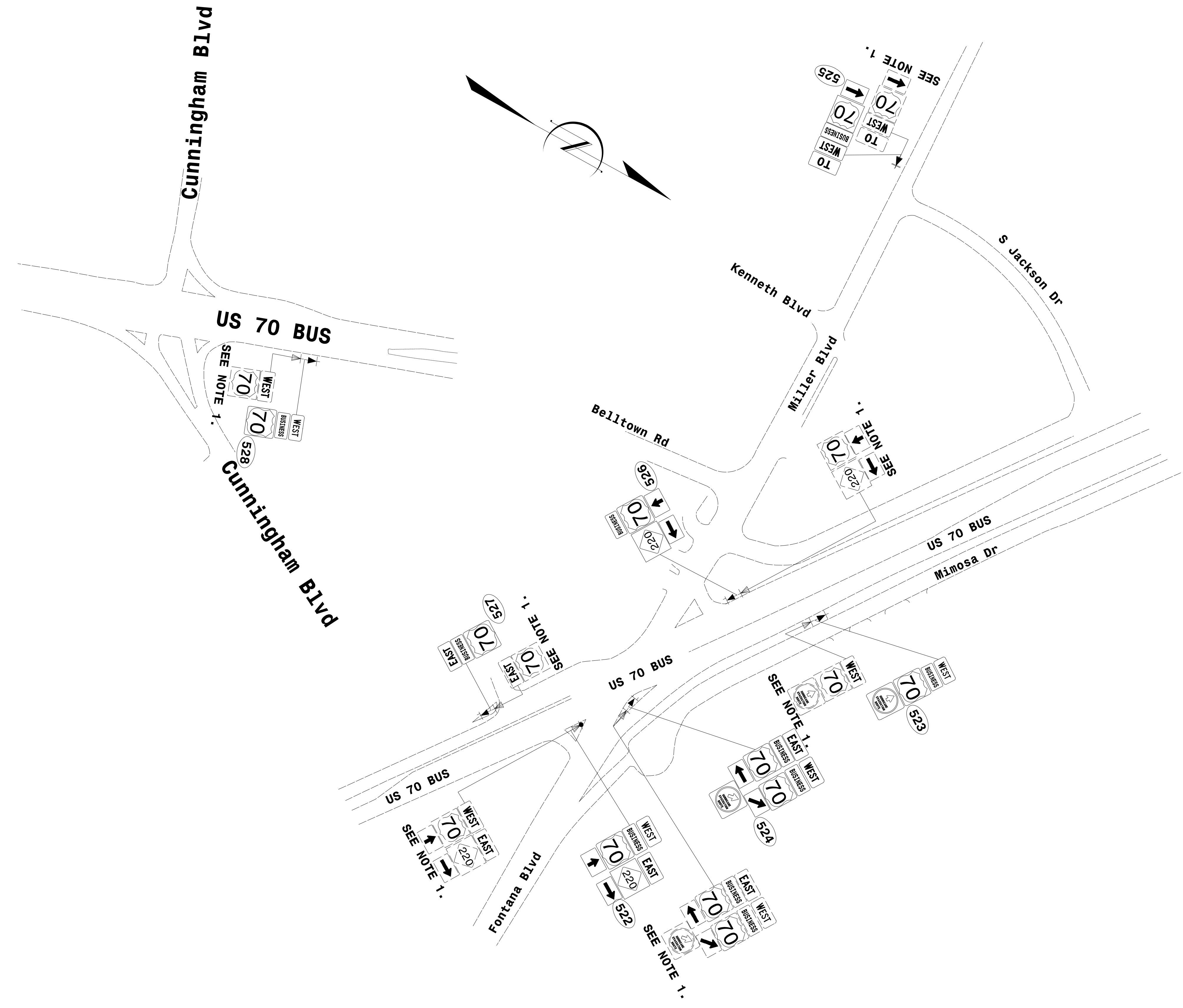
PROJECT REFERENCE NO.	SHEET NO.
R-1015	S-33
RW SHEET NO.	
SIGNING ENGINEER	
	
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PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWVAVULTPATHDESC\$

PROJECT REFERENCE NO. R-1015	SHEET NO. S-34
RW SHEET NO.	
SIGNING ENGINEER	
	
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PLOT DRIVER: \$PLTDRV\$ PENTABLE: \$PENTBL\$
 USER: \$USER\$ DATE: \$DATE\$ TIME: \$TIME\$
 FILE: \$PWYRVAULTPATHDESC\$