

T.I.P.: U-5112

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
UNION COUNTY**

**LOCATION: POTTER ROAD FROM AZTECA DRIVE TO OLD MONROE ROAD
AND PLEASANT PLAINS ROAD FROM EAST OF AURORA BOULEVARD
TO WEST OF LAKEWOOD DRIVE**

TIP NO. U-5112	SHEET NO. SIGN-1
APPROVED:	
DATE: 2/12/2024	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL SUPPORTS, SHEET 1 OF 2
910.20	SIGNING SCHOOL ZONE WITH MARKED CROSSWALK WHERE SPEED REDUCTION IS NOT REQUIRED, SHEET 2 OF 4

GENERAL NOTES

- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	120	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN	7	S.F.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	190	L.F.
4102000000	904	SIGN ERECTION, TYPE E	17	EA.
4108000000	904	SIGN ERECTION, TYPE F	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	7	EA.

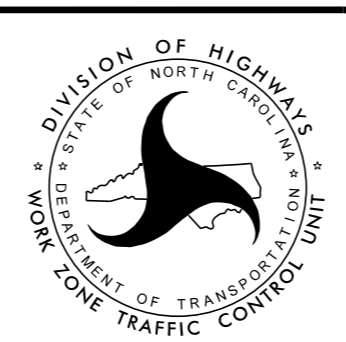
INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	TYPE "E" AND TYPE "F" SIGNS SHEET
SIGN-3 THRU SIGN-8	SIGNING PLAN SHEETS

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

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER

 WALTER JOHNSON SIGNING & DELINEATION PROJECT DESIGN ENGINEER



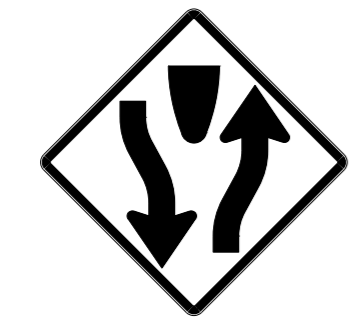

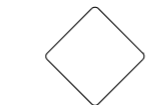



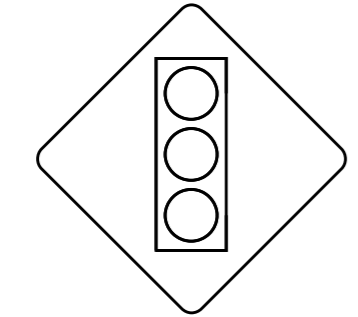
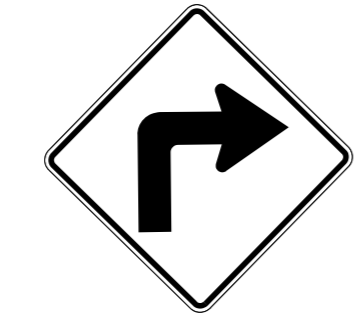



PLAN PREPARED BY: Kimley-Horn and Associates

FRANK MASTERSON, P.E. PROJECT DESIGN ENGINEER


 ANDREW WEEKS, E.I. DESIGNER




REVISIONS

<p>401 QUANTITY REQ'D 1</p>  <p>36" X 36" W6-1</p> <p>ONE "U" POST PER SIGN</p>	<p>402 QUANTITY REQ'D 4</p>  <p>24" X 30" R4-7</p> <p>ONE "U" POST PER SIGN</p>	<p>403 QUANTITY REQ'D 4</p>  <p>18" X 18" OMI-3</p> <p>MOUNT BELOW SIGN 402 IN 4 INSTALLATIONS</p>	<p>404 QUANTITY REQ'D 3</p>  <p>24" X 30" R2-1</p> <p>ONE "U" POST PER SIGN</p>	<p>405 QUANTITY REQ'D 1</p>  <p>24" X 12" W16-9P</p> <p>MOUNT BELOW SIGN 406 IN 1 INSTALLATION</p>	<p>406 QUANTITY REQ'D 1</p>  <p>36" X 36" S1-1</p> <p>ONE "U" POST PER SIGN</p>
<p>408 QUANTITY REQ'D 3</p>  <p>36" X 36" W3-3</p> <p>ONE "U" POST PER SIGN</p>	<p>409 QUANTITY REQ'D 1</p>  <p>36" X 36" W1-1R</p> <p>ONE "U" POST PER SIGN</p>	<p>410 QUANTITY REQ'D 1</p>  <p>18" X 18" W13-1P</p> <p>MOUNT BELOW SIGN 409 IN 1 INSTALLATION</p>	<p>411 QUANTITY REQ'D 1</p>  <p>24" X 30" S5-2</p> <p>ONE "U" POST PER SIGN</p>	<p>412 QUANTITY REQ'D 2</p>  <p>30" X 30" R1-1</p> <p>ONE "U" POST PER SIGN</p>	

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

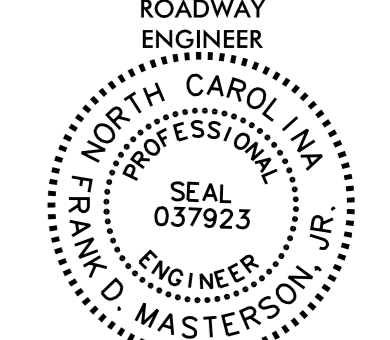
PROJECT REFERENCE NO. U-5112	SHEET NO. SIGN-2
RW SHEET NO.	
ROADWAY ENGINEER	
	
DocuSigned by: Frank Masterson 2/12/2024	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

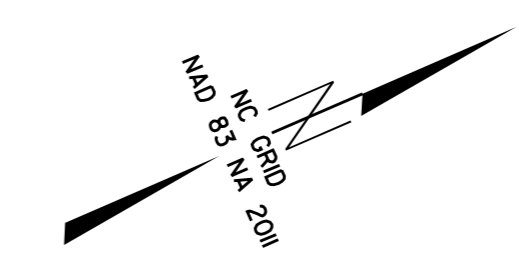
TYPE "E" SIGNS

<p>501 QUANTITY REQ'D 1</p>  <p>24" X 12" M4-1a</p> <p>30" X 24" M1-1</p> <p>ONE "U" POST PER SIGN</p>

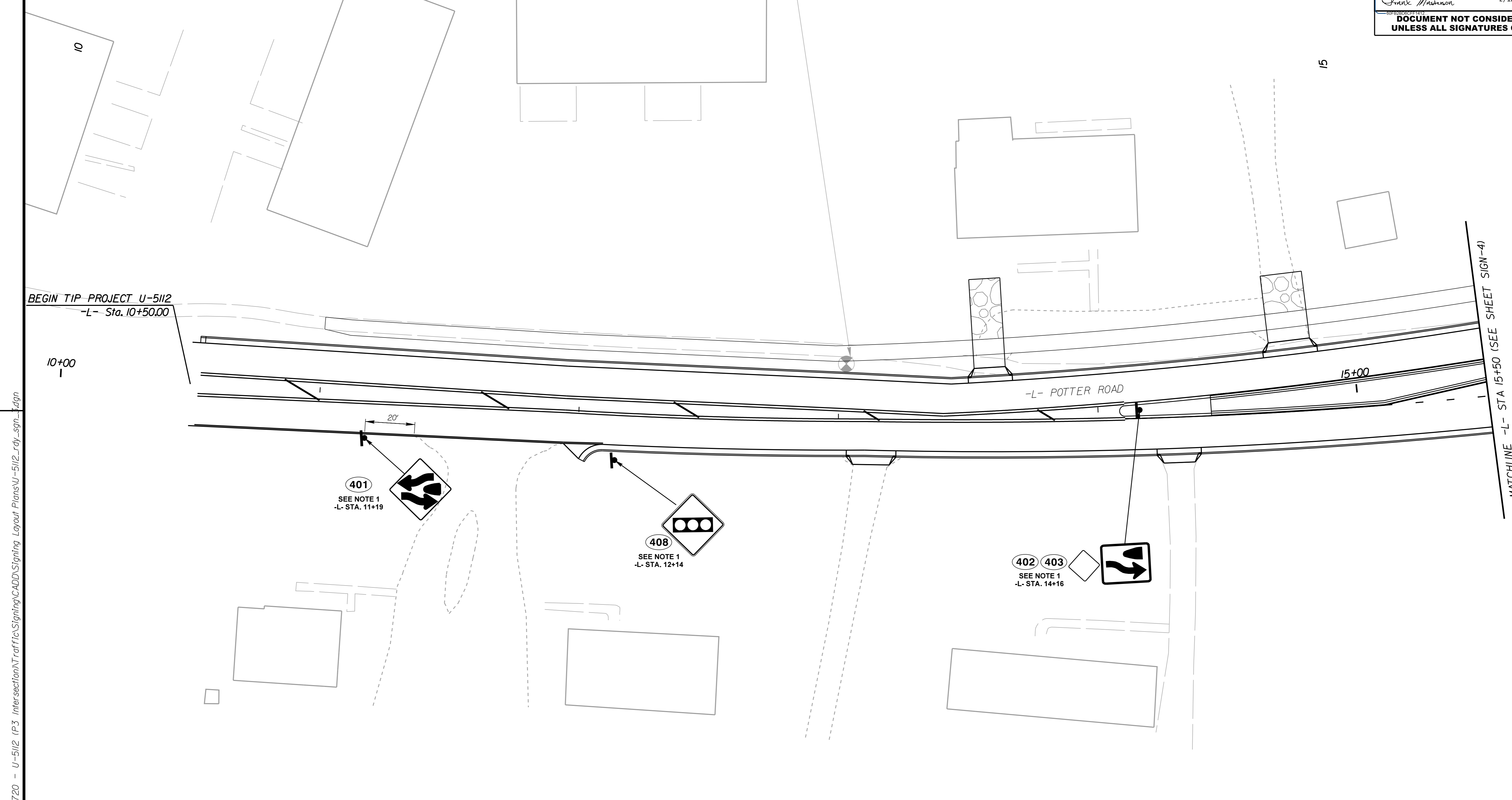
TYPE "F" SIGNS

12/14/2023 CHL_PR\01036720 - U-5112 (P3 Intersection)\Traffic\Signing\CADD\Signing Layout Plans\U-5112_rdy_sgn_2.dgn

PROJECT REFERENCE NO.	SHEET NO.	PROJECT REFERENCE NO.	SHEET NO.
		U-5112	SIGN-3
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RIGHT-OF-WAY REV.		2/12/2024	
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REVISIONS



BEGIN TIP PROJECT U-5112
-L- Sta. 10+50.00

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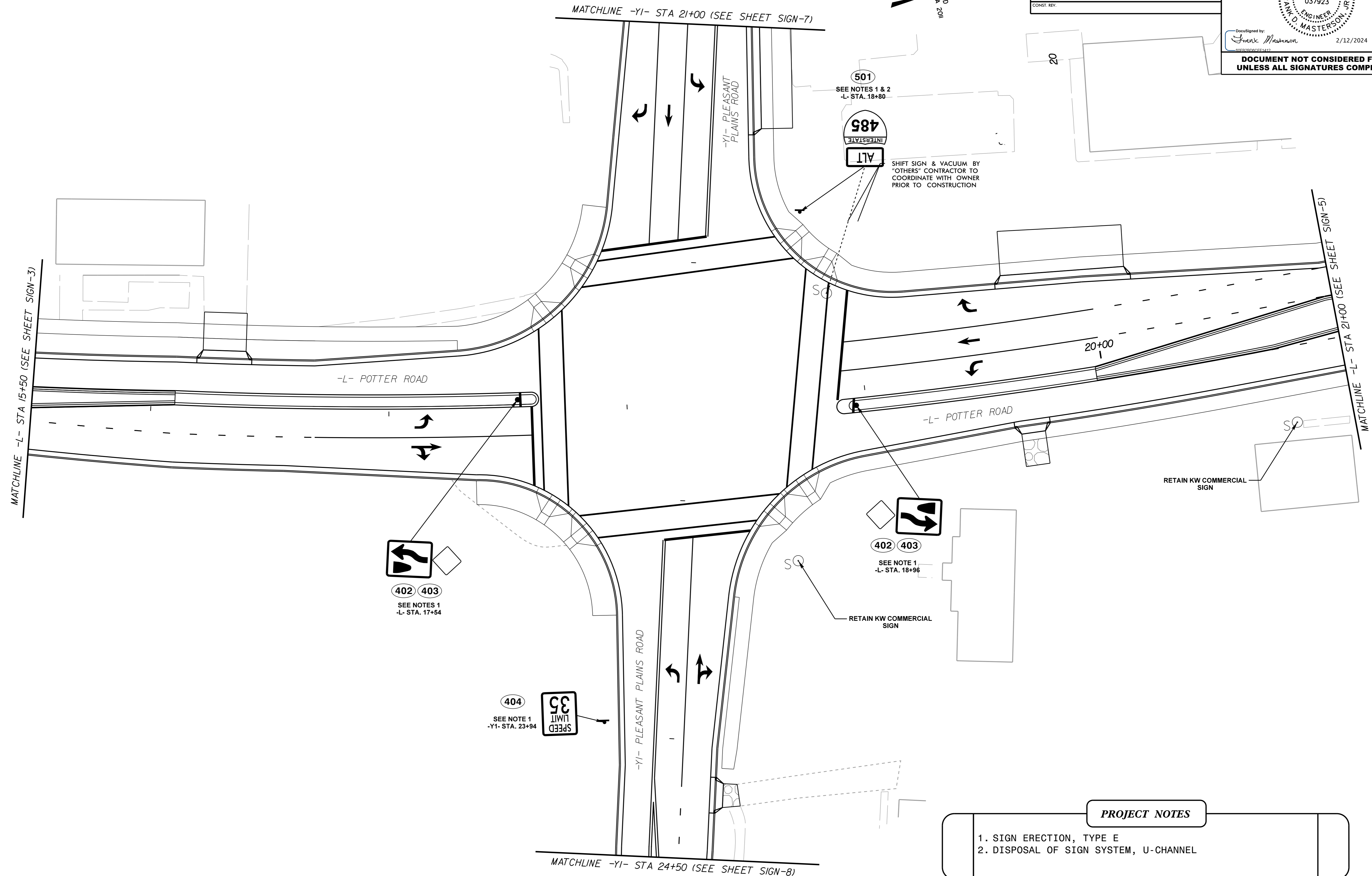
PROJECT NOTES

1. SIGN ERECTION, TYPE E
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

REVISIONS

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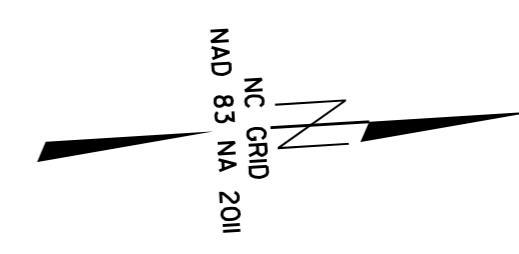
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		U-5112	SIGN-4
Kimley»Horn			
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ROADWAY ENGINEER			
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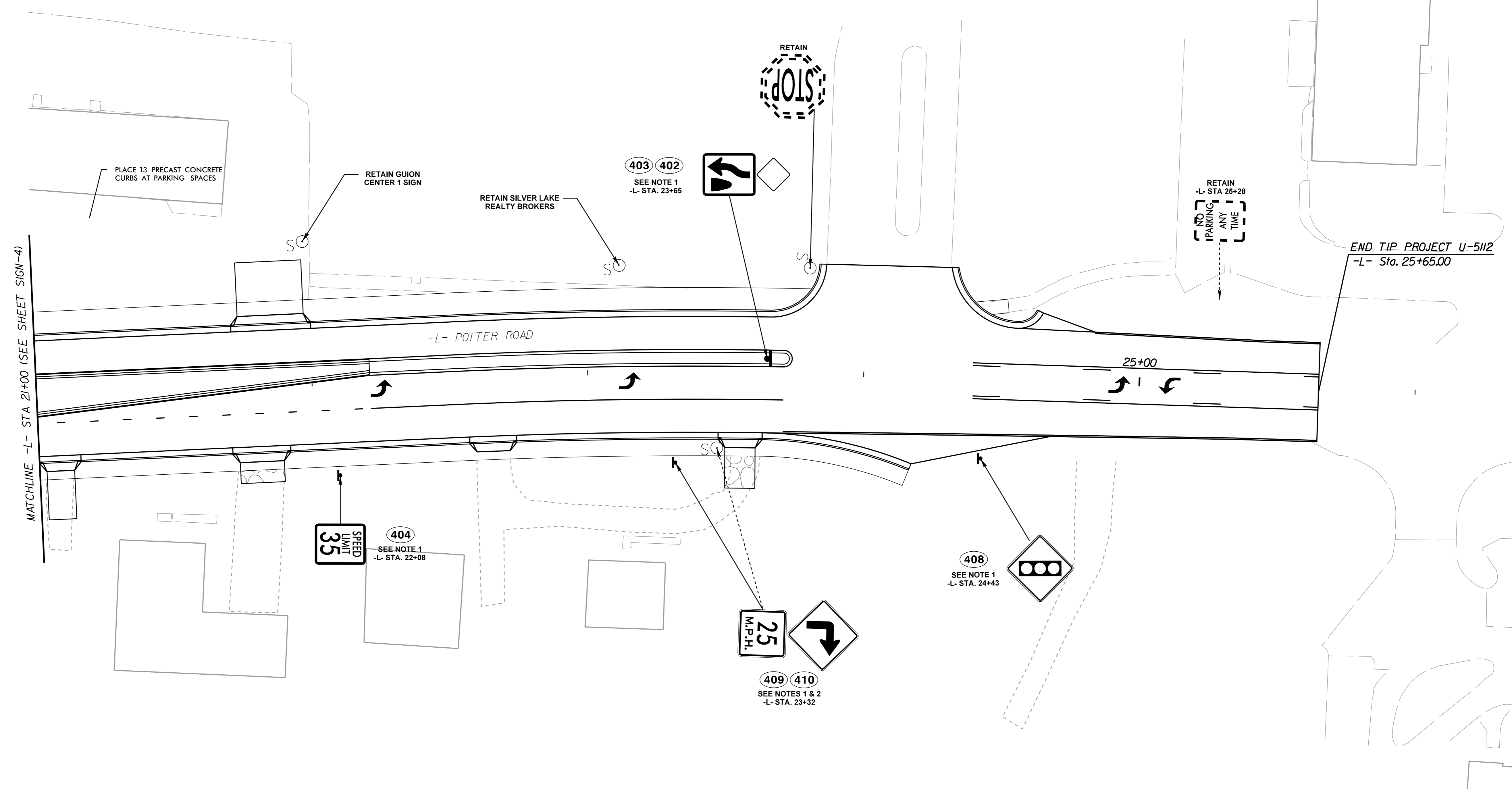
PROJECT NOTES

- SIGN ERECTION, TYPE E
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL

PROJECT REFERENCE NO.	SHEET NO.	PROJECT REFERENCE NO.	SHEET NO.
		U-5112	SIGN-5
Kimley»Horn			
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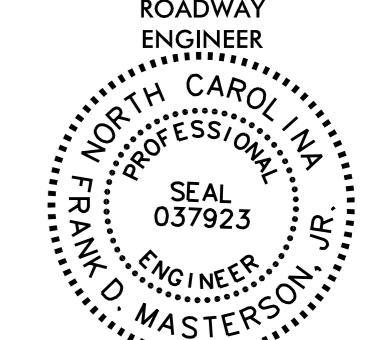
REVISIONS

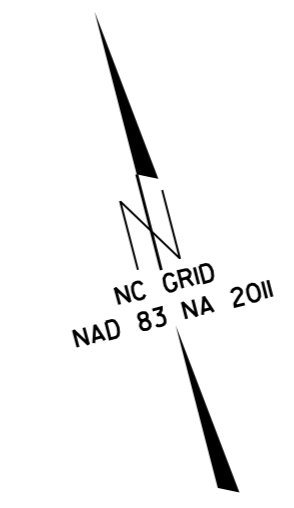


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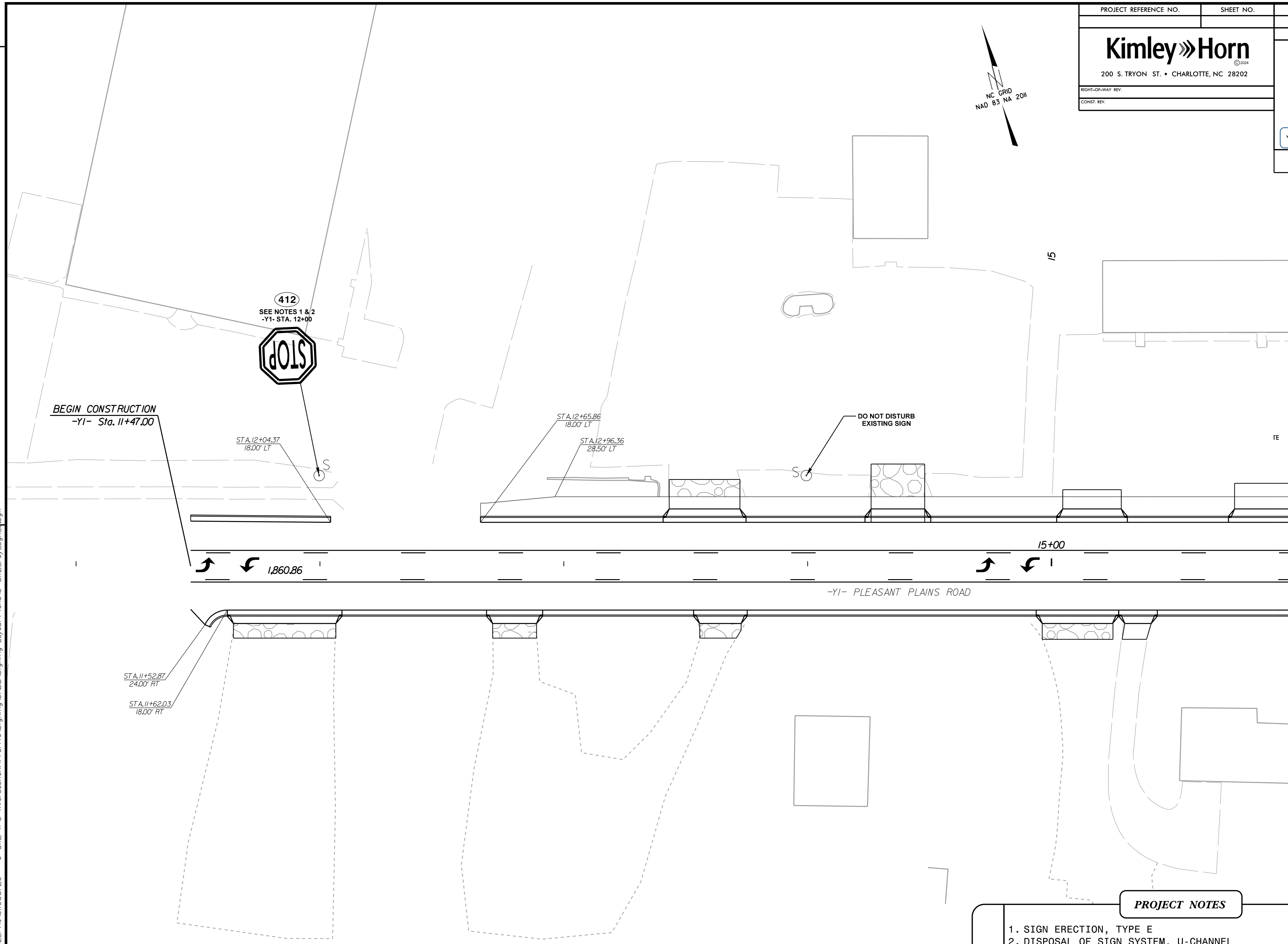
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2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

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PROJECT REFERENCE NO.	SHEET NO.	PROJECT REFERENCE NO.	SHEET NO.
		U-5112	SIGN-6
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ROADWAY ENGINEER			
			
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REVISIONS



MATCHLINE -YI- STA 16+00 (SEE SHEET SIGN-7)


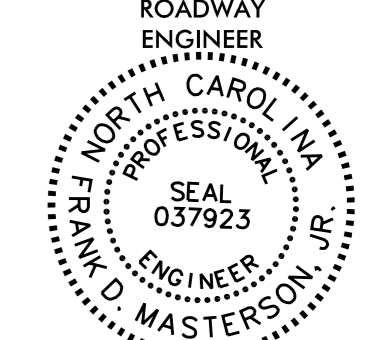
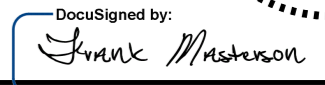
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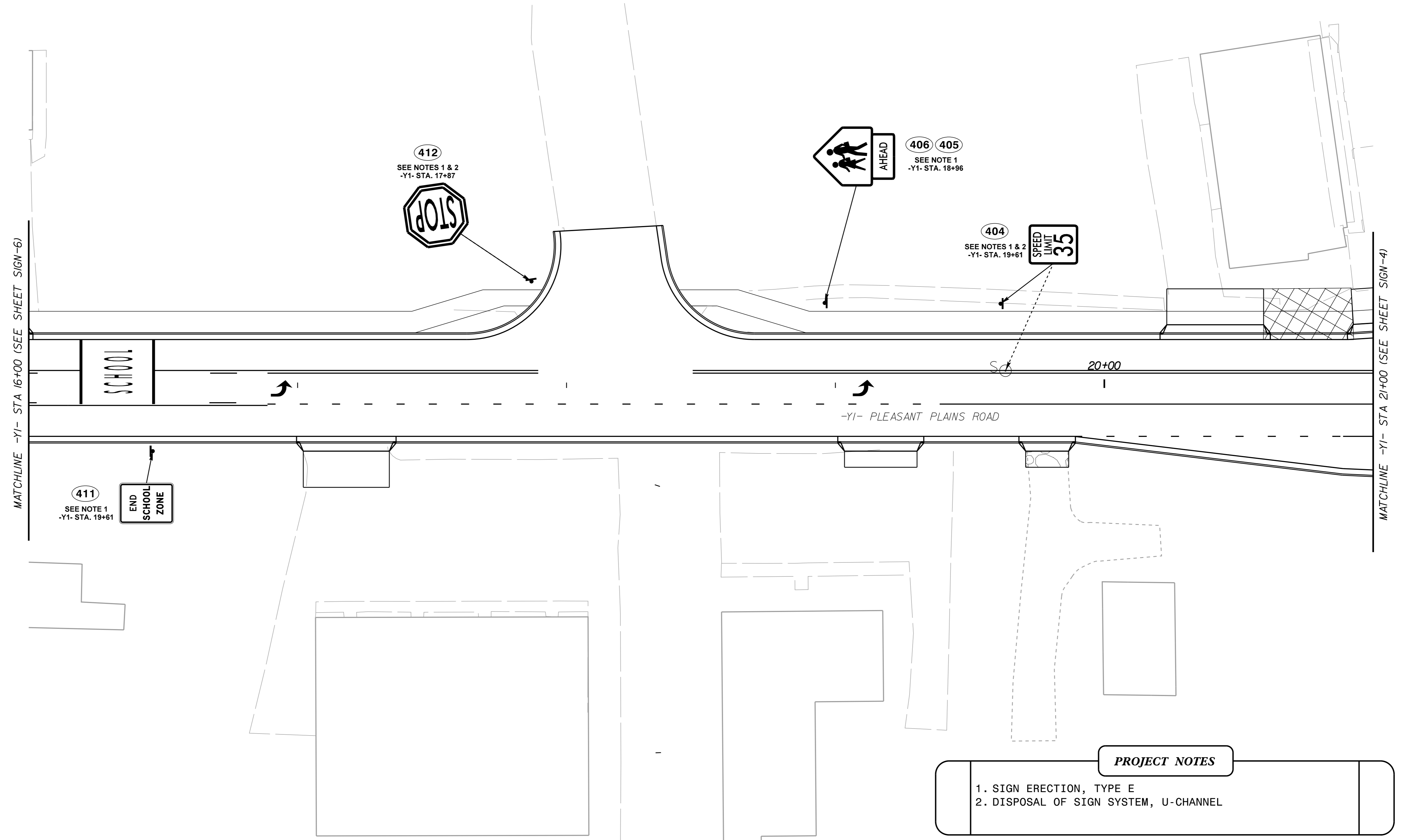
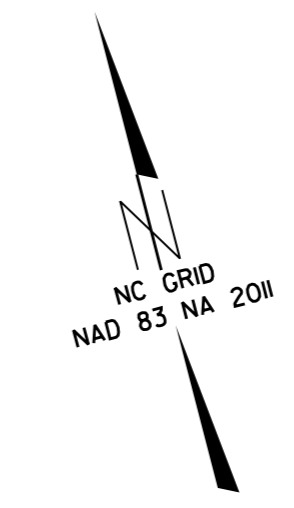
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2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

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PROJECT REFERENCE NO.	SHEET NO.	PROJECT REFERENCE NO.	SHEET NO.
		U-5112	SIGN-7
RW SHEET NO.			
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PROJECT NOTES

- SIGN ERECTION, TYPE E
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL

REVISIONS

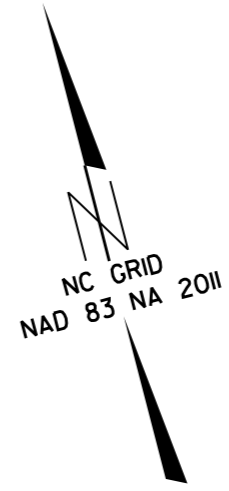
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MATCHLINE -Y1- STA 24+50 (SEE SHEET SIGN-4)

25

25+00

-Y1- PLEASANT PLAINS ROAD



PROJECT REFERENCE NO.	SHEET NO.	PROJECT REFERENCE NO.	SHEET NO.
		U-5112	SIGN-8
R/W SHEET NO.			
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