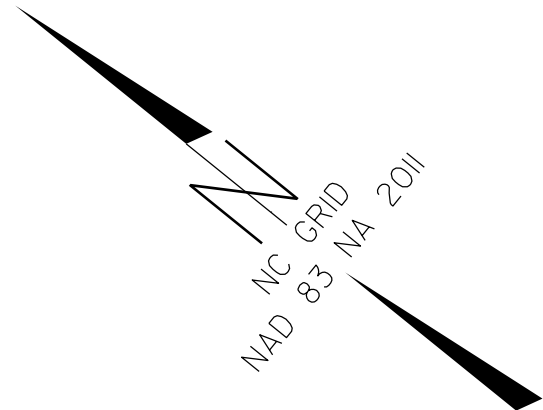


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5789	RW01	09

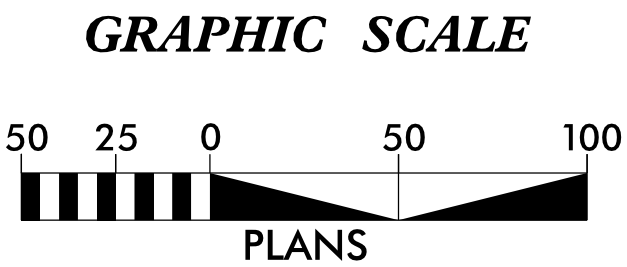
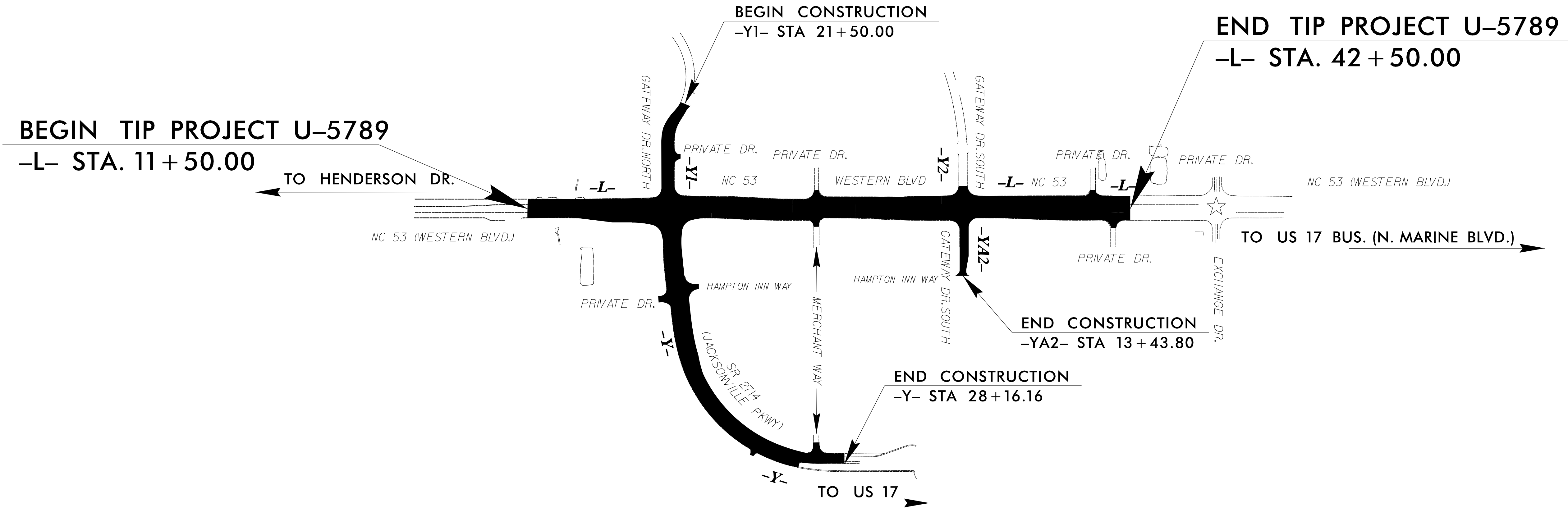
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

ON SLOW COUNTY



TIP PROJECT: U-5789



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "U4007-3" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 376224.375(ft) EASTING: 2480992.509(ft) ELEVATION: 38.81(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999911272

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U4007-3" TO -L- STATION 13+00.00 IS N 21-47'19.8" W 7556.21(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES

VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

DIVISION 2
LOCATION & SURVEYS
2807 NEUSE BLVD.
OFFICE #7
NEW BERN, NC 28562

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
11/08/2017

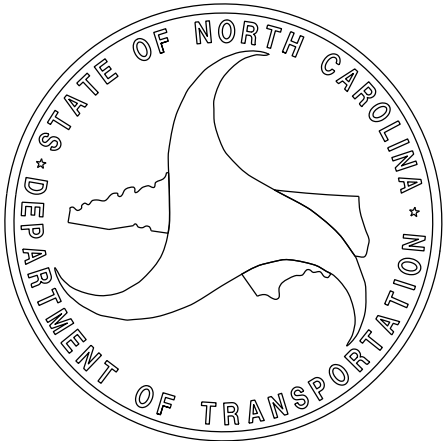
LETTING DATE:
09/16/2025

**PROFESSIONAL LAND
SURVEYOR**



DocuSigned by:
Michael Stahl
3A8C732A5F72430...

04/15/2025
Date:



REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.
U-5789

SHEET NO.
RW02C-1

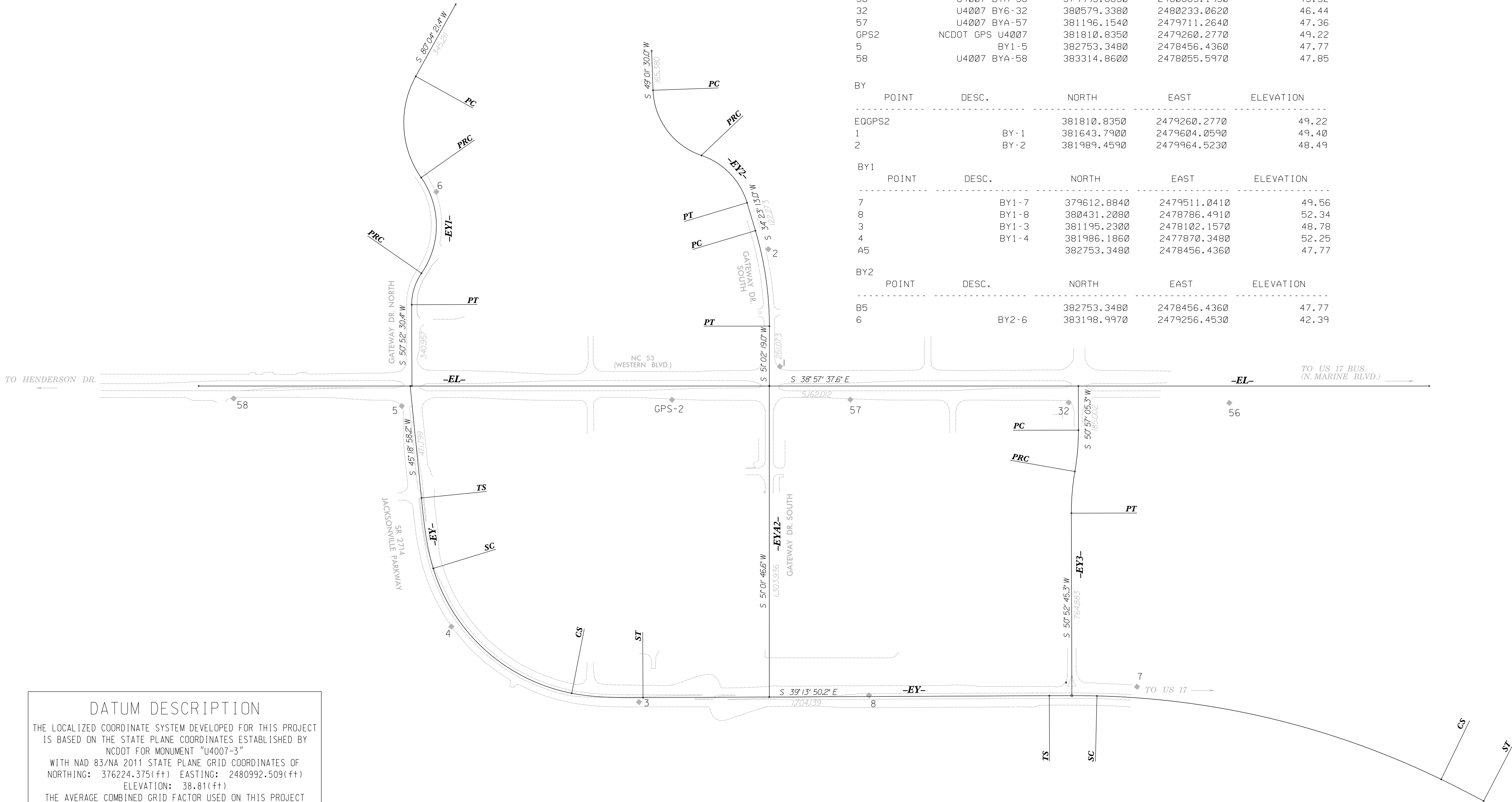
Location and Surveys

DIVISION 2
LOCATION & SURVEYS
2807 NEUSE BLVD.
OFFICE #7
NEW BERN, NC 28562

PROJECT SURVEYOR

02/25/2025

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U4007-3"

WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 376224.375(++) EASTING: 2480992.509(++)
ELEVATION: 38.81(++)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999911272

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U4007-3" TO -L- STATION 13+00.00 IS
N 21° 47' 19.8" W 7556.21'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

BASELINES

BL	POINT	DESC.	NORTH	EAST	ELEVATION
56		U4007 BYA-56	379993.8630	2480683.1930	45.52
32		U4007 BY6-32	380579.3380	2480233.0620	46.44
57		U4007 BYA-57	381196.1540	2479711.2640	47.36
GPS2		NCDOT GPS U4007	381810.8350	2479260.2770	49.22
5		BY1-5	382753.3480	2478456.4360	47.77
58		U4007 BYA-58	383314.8600	2478055.5970	47.85

BY	POINT	DESC.	NORTH	EAST	ELEVATION
EQGPS2			381810.8350	2479260.2770	49.22
1		BY-1	381643.7900	2479604.0590	49.40
2		BY-2	381989.4590	2479964.5230	48.49

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
7		BY1-7	379612.8840	2479511.0410	49.56
8		BY1-8	380431.2080	2478786.4910	52.34
3		BY1-3	381195.2300	2478102.1570	48.78
4		BY1-4	381986.1860	2477870.3480	52.25
A5			382753.3480	2478456.4360	47.77

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
B5			382753.3480	2478456.4360	47.77
6		BY2-6	383198.9970	2479256.4530	42.39

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL POINT	N	E	BEARING	DIST
POT	383474.029	2477999.110		
LINE			S 38°57'37.6" E	5162.01
POT	379460.151	2481244.900		

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	382783.995	2478557.100											
LINE			S 45°18'58.2" W	471.80									
TS	382452.229	2478221.653	S 41°32'52.4" W	299.48									
SPIRAL										11°18'30.2"(LT)	300.00	200.41	100.37
SC	382228.097	2478023.023	S 03°02'33.9" W	782.06	61°55'47.8"(LT)	07°32'20.1"	821.47	456.02	760.00				
CURVE													
CS	381447.138	2477981.511	S 35°27'44.6" E	299.48						11°18'30.2"(LT)	300.00	200.41	100.37
SPIRAL													
ST	381203.212	2478155.260	S 39°13'50.2" E	1704.14									
POT	379883.175	2479233.031	N 39°13'50.2" W	0.00									
LINE													
TS	379883.178	2479233.029	S 38°41'05.8" E	199.99						01°38'13.3"(RT)	200.00	133.34	66.67
SPIRAL													
SC	379727.065	2479358.032	S 25°20'25.8" E	1485.61	24°30'22.3"(RT)	01°38'13.3"	1497.00	760.12	3500.00				
CURVE													
CS	378384.396	2479993.870	S 11°59'45.8" E	199.99						01°38'13.3"(RT)	200.00	133.34	66.67
SPIRAL													
ST	378384.396	2479993.870											

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	383641.824	2479921.316							
LINE			S 80°04'21.4" W	345.21					
PC	383582.310	2479581.273							
CURVE			S 47°58'39.4" W	425.06	64°11'24.0"(LT)	14°19'26.2"	448.13	250.87	400.00
PCC	383297.766	2479265.504							
CURVE			S 50°50'40.4" W	401.12	69°55'26.0"(RT)	16°22'12.8"	427.14	244.73	350.00
PCC	383044.487	2478954.459							
CURVE			S 68°20'26.9" W	138.06	34°55'53.0"(LT)	24°54'40.4"	140.22	72.37	230.00
PT	382993.530	2478826.145							
LINE			S 50°52'30.4" W	340.96					
POT	382778.382	2478561.639							

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	382880.274	2480286.655							
LINE			S 49°01'30.0" W	165.38					
PC	382771.829	2480161.794							
CURVE			S 14°23'56.5" W	340.93	69°15'07.0"(LT)	19°05'54.9"	362.60	207.16	300.00
PCC	382441.608	2480077.013							
CURVE			S 07°04'48.0" W	275.25	54°36'50.0"(RT)	19°05'54.9"	285.96	154.89	300.00
PT	382168.453	2480043.087							
LINE			S 34°23'13.0" W	122.27					
PC	382067.548	2479974.030							
CURVE			S 42°42'46.0" W	404.48	16°39'06.0"(RT)	04°06'08.5"	405.90	204.39	1396.65
PT	381770.354	2479699.664							
LINE			S 51°02'19.0" W	251.07					
POT	381612.480	2479504.437							

EYA2 POINT	N	E	BEARING	DIST
POT	381612.916	2479504.084		
LINE			S 51°01'46.6" W	1303.94
POT	380792.846	2478490.312		

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	380604.679	2480319.387							
LINE			S 50°57'05.3" W	185.00					
PC	380488.132	2480175.712							
CURVE			S 55°56'48.0" W	174.14	09°59'25.5"(RT)	05°43'46.5"	174.37	87.40	1000.00
PCC	380390.617	2480031.430							
CURVE			S 55°54'38.0" W	175.40	10°03'45.5"(LT)	05°43'46.5"	175.63	88.04	1000.00
PT	380292.308	2479886.170							
LINE			S 50°52'45.3" W	764.88					
POT	379809.700	2479292.761							

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROJECT REFERENCE NO.
U-5789

SHEET NO.
RW02C-2

Location and Surveys

DIVISION 2
LOCATION & SURVEYS
2807 NEUSE BLVD.
OFFICE #7
NEW BERN, NC 28562

PROJECT SURVEYOR



02/25/2025

DocuSigned by:
Michael Stahl
3ABCF22A5F72430

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

REVISIONS

6/2/99

25-FEB-2025 06:28
R:\PROJECTS\5789\Control Sheets\Share Point Files\5789_LS.ID-1.dgn
merhodes\A LS-33868L

PROPOSED ALIGNMENT CONTROL SHEET

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	383474.0289	2477999.1102
POT	61+62.01	379460.1510	2481244.9000

Y			
TYPE	STATION	NORTH	EAST
POT	10+00.00	382783.9950	2478557.1005
TS	14+71.80	382452.2291	2478221.6526
SC	17+71.80	382228.0970	2478023.0231
CS	25+93.27	381447.1382	2477981.5107
ST	28+93.27	381203.2121	2478155.2601
POT	37+04.87	380574.5352	2478668.5435

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	383641.8243	2479921.3160
PC	13+45.21	383582.3099	2479581.2734
PT	17+93.34	383297.7661	2479265.5036
PC	17+93.34	383297.7661	2479265.5036
PRC	22+20.48	383044.4868	2478954.4588
PT	23+60.71	382993.5302	2478826.1446
POT	27+01.66	382778.3819	2478561.6395

Y2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	382880.2736	2480286.6547
PC	11+65.38	382771.8290	2480161.7935
PRC	15+27.98	382441.6085	2480077.0132
PT	18+13.94	382168.4529	2480043.0867
PC	19+36.21	382067.5482	2479974.0296
PT	23+42.12	381770.3537	2479699.6637
POT	25+93.19	381612.4798	2479504.4368

YA2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	381612.9158	2479504.0842
POT	23+03.94	380792.8463	2478490.3116

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROJECT REFERENCE NO.
U-5789

SHEET NO.
RW01D-1

Location and Surveys

DIVISION 2
LOCATION & SURVEYS
2807 NEUSE BLVD.
OFFICE #7
NEW BERN, NC 28562

PROJECT SURVEYOR

DocuSigned by:
Michael Stahl
3ABCF22A5F72430...

SEAL

L-3726

PROFESSIONAL
LAND SURVEYOR
MICHAEL W. STAHL

02/25/2025

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Michael W. Stahl, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 25th day of February, 2025.

DocuSigned by:
Michael Stahl
3ABCF22A5F72430...

Professional Land Surveyor L-3726

6/2/99

26-MAR-2025 07:48
K:\MAPS\1068\1068\U5789\Control Sheets\Control 1-2025 Revision E Sheet\Control Sheets\E-Sheets\U5789.LS\E-1_250116.dgn
merhodes\A1 LS-33868L

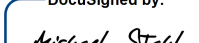
REVISIONS

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-5789	RW02E-1
Location and Surveys	
DIVISION 2 LOCATION & SURVEYS 2807 NEUSE BLVD. OFFICE #7 NEW BERN, NC 28562	
PROJECT SURVEYOR  03/26/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Michael W. Stahl, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on January 13, 2025 and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 26th day of March, 2025.

 DocuSigned by:
Michael Stahl
3ABCF22A5F7243D...

Professional Land Surveyor L-3726

ROW MARKERS

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
YA2	11+00.01	-50.00	381511.1449	2479457.7763
YA2	13+23.00	-50.00	381370.9015	2479284.4070
YA2	13+23.00	-30.00	381386.4510	2479271.8286

PERMANENT EASEMENT MARKERS

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	23+90.00	-70.00	382920.7415	2478847.5904
Y1	24+45.00	-70.00	382886.0358	2478804.9230
Y1	23+90.00	-30.00	382951.7724	2478822.3499
Y1	24+45.00	-30.00	382917.0667	2478779.6824

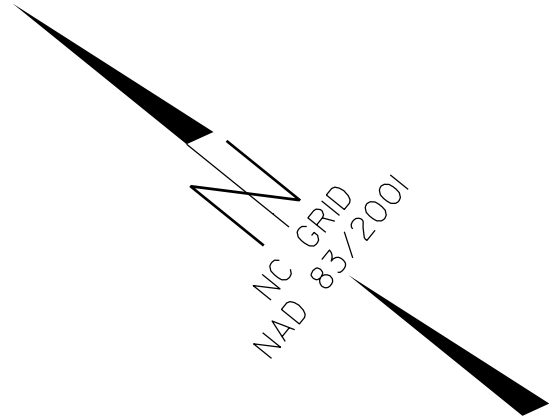
NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- RIGHT OF WAY MONUMENTATION ESTABLISHED January 13, 2025.

REVISIONS

12/13/2017 R/W REVISION: PROPOSED R/W & PDE FOR PARCELS 1 & 2 CHANGED TO TCE.(DBW)

24-MAR-2025 13:01
K:\HARRIS\10689\Control Sheets\150-0-LS.pr1 - Copy (4).dgn
merhodes\A\LS-338668

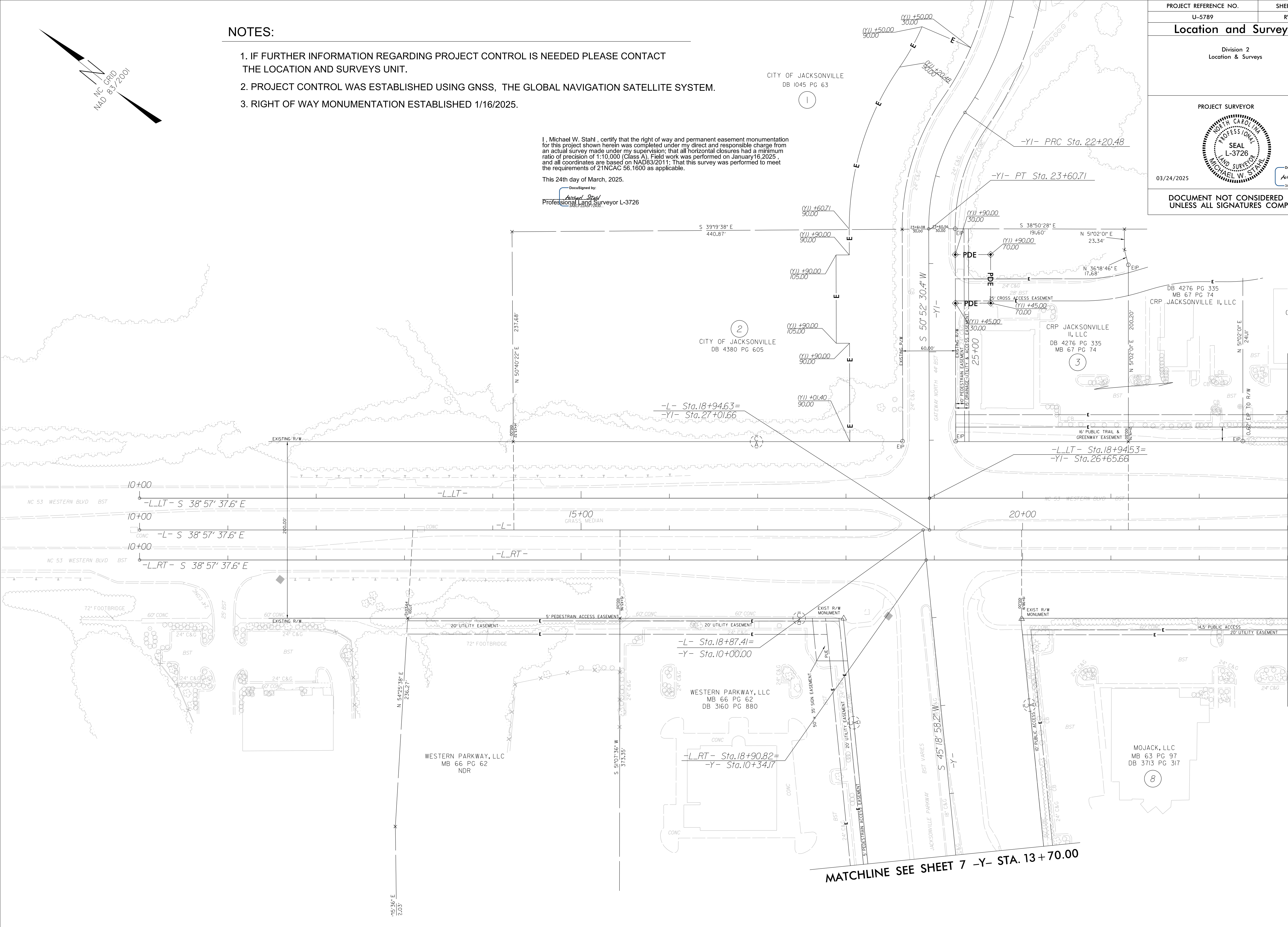


NOTES:

- 1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- 3. RIGHT OF WAY MONUMENTATION ESTABLISHED 1/16/2025.

I, Michael W. Stahl, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on January 16, 2025, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24th day of March, 2025.
DocuSigned by:
Michael W. Stahl
Professional Land Surveyor L-3726



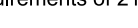
PROJECT REFERENCE NO.	SHEET NO.
U-5789	RW04
Location and Surveys	
Division 2 Location & Surveys	
PROJECT SURVEYOR	
03/24/2025	DocuSigned by: Michael W. Stahl 3ABCF22A5F72430
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

MATCHLINE SEE SHEET 5 -L- STA. 23 + 00.00

MATCHLINE SEE SHEET 7 -Y- STA. 13 + 70.00

I, Michael W. Stahl, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum radius of 100,000 (Class A), Field work was performed on January 16, 2025, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NAC 56.1600 as applicable.

This 24th day of March, 2025.

DocuSigned by:

Michael Stahl
Professional Land Surveyor L-3726
2ABC722AF5F2430.

This 24th day of March, 2025.

DocuSigned by:
Michael Stool
Professional Land Surveyor L-3726
3A8CF22A5F72430...

$$\begin{array}{r} -L- \text{Sta. } 33+93.47= \\ \hline -YA2- \text{Sta. } 10+00.00 \end{array}$$

-L-	Sta.33+93.47=
-YA2-	Sta.10+34.00

IA JACKSONVILLE GATEWAY, LLC
MB 37 PG 202
DB 3370 PG 970

DAYTON HUDSON CORP
MB 36 PG 231
DB 1516 PG 941
N 38°56'09" W
358.65'

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 1/16/2025.

MATCHLINE SEE SHEET 5 -L- STA. 37+00.00



DocuSigned by:
Michael Stahl
Professional Land Surveyor L-3726
3A8CF22A5F72430...

PROJECT SURVEYOR

03/24/2025

DocuSigned by:
Michael Stahl
3ABCF22A5E72A30

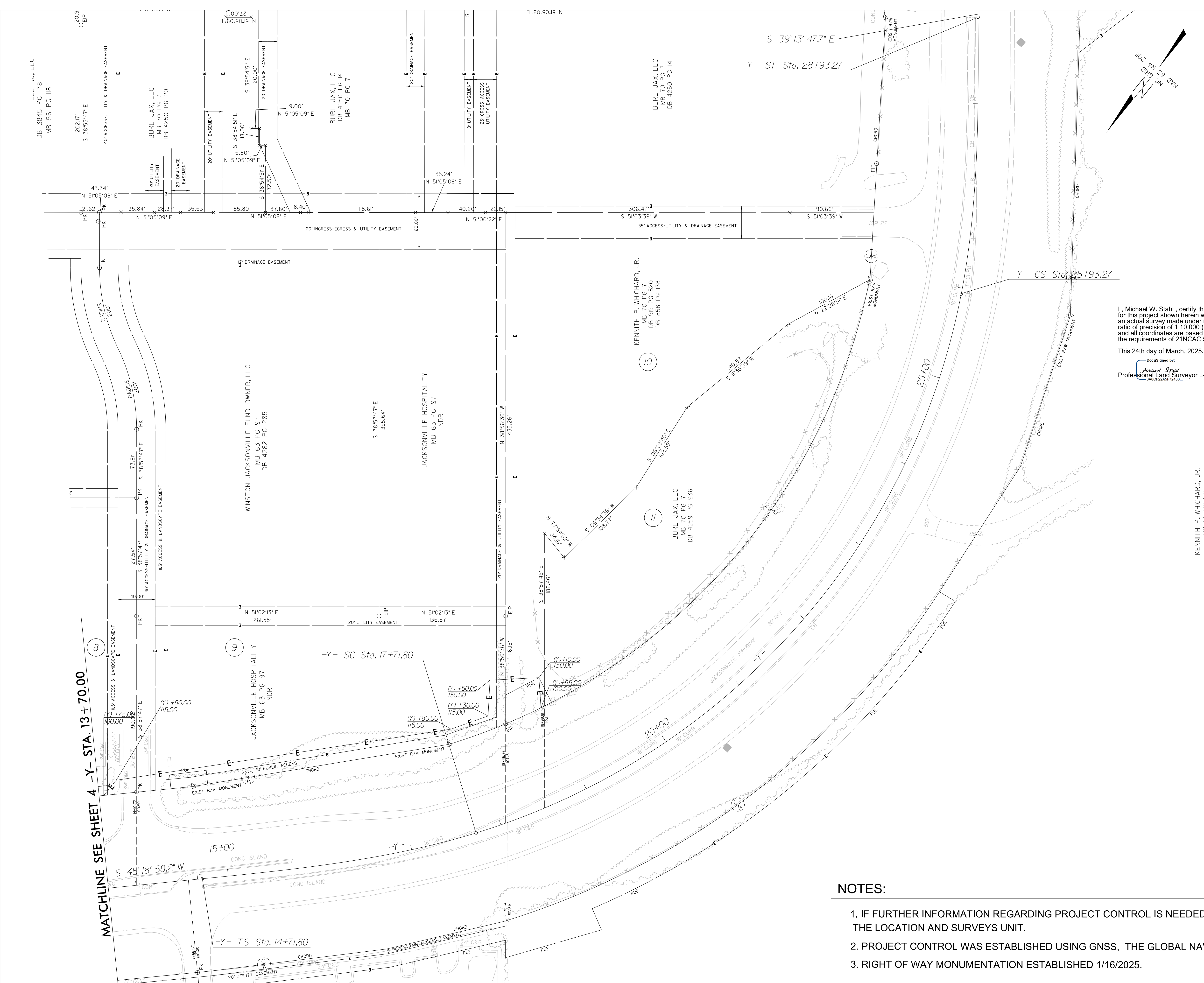
A circular professional seal for Michael W. Stahl. The outer ring contains the text "NORTH CAROLINA" at the top and "PROFESSIONAL" at the bottom. The inner circle contains the text "SEAL" at the top, "L-3726" in the center, and "LAND SURVEYOR" at the bottom. The name "MICHAEL W. STAHL" is written along the bottom inner edge of the seal.

- NOTES:**
-
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
 3. RIGHT OF WAY MONUMENTATION ESTABLISHED 1/16/2025.

REVISIONS

24-MAR-2025 14:25
K:\18848-10889\Control Sheets\150-0-LS.pr1 - Copy (7).dgn
6/2/2025 14:25
K:\18848-10889\Control Sheets\150-0-LS-3338681

6/2/2025 14:25



KENNETH P. WHICHARD, JR.
MB 56 PG 139
MB 47 PG 143
DB 858 PG 138

I, Michael W. Stahl, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from January 16, 2025, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24th day of March, 2025.
Professional Land Surveyor L-3726

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT SURVEYOR
MICHAEL W. STAHL
SEAL L-3726
03/24/2025

PROJECT REFERENCE NO. U-5789
SHEET NO. RW07

Location and Surveys

Division 2
Location & Surveys

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 1/16/2025.