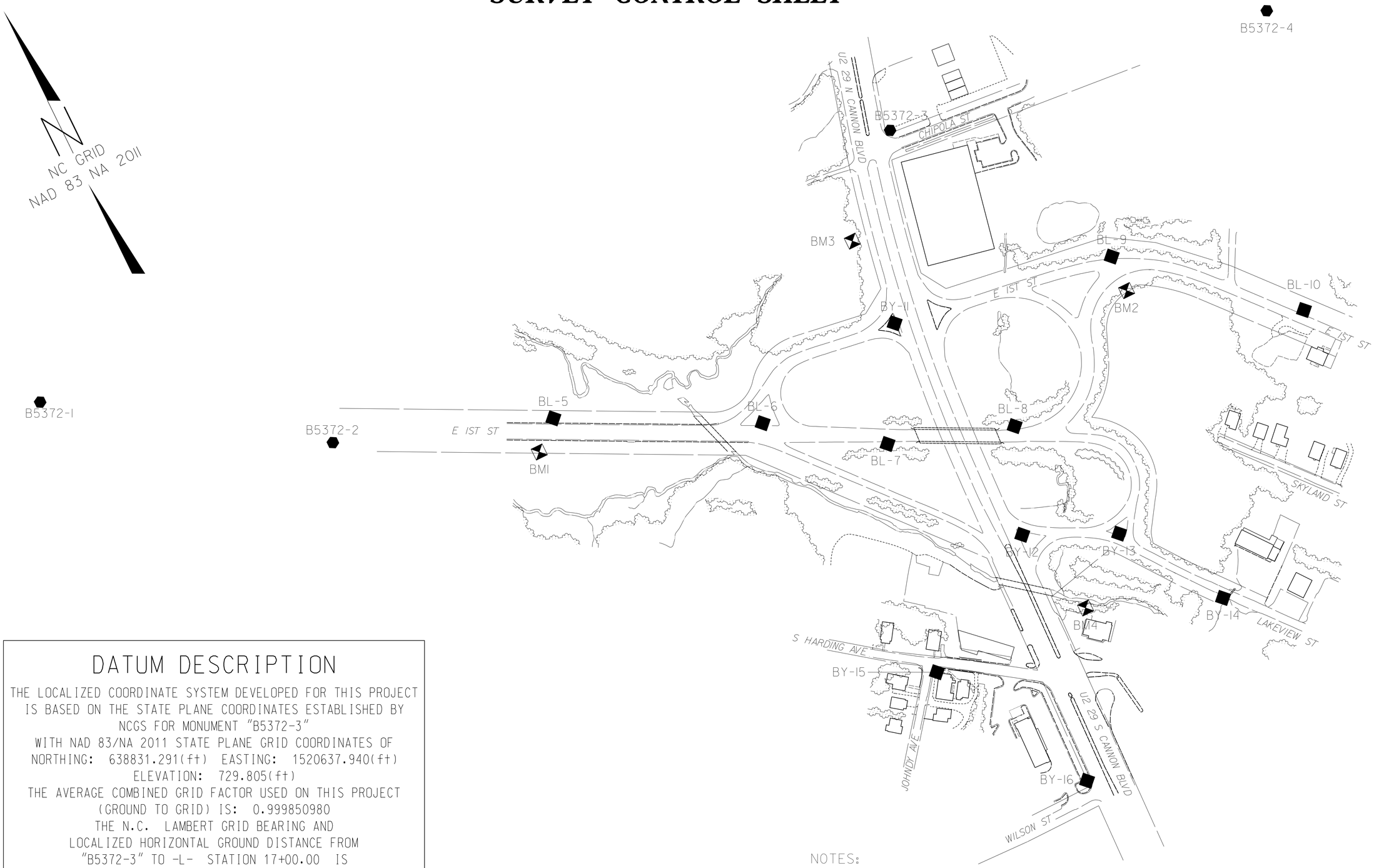
PROJECT REFERENCE NO.	SHEET NO.
B-5372	RW-1
Location and Surveys	

SURVEY CONTROL SHEET



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCGS FOR MONUMENT "B5372-3"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 638831.291(ft) EASTING: 1520637.940(ft)
ELEVATION: 729.805(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.999850980
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"B5372-3" TO -L- STATION 17+00.00 IS
S 42° 00' 19" W 738.74'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

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.

REVISIONS

6/2/99

7/8/2024 2:37:34 PM
C:\Users\dsmith\AppData\Local\Temp\tmp2.s.IC-1.dgn
User:dsmith

SURVEY CONTROL SHEET

BL

POINT	DESC.	NORTH	EAST	ELEVATION
2	B5372-2	638747.9430	1519147.4180	745.62
5	BL-5	638572.3880	1519635.2070	726.84
6	BL-6	638347.3030	1520069.6090	718.03
7	BL-7	638175.4490	1520310.3360	727.69
8	BL-8	638082.4350	1520595.5590	728.84
9	BL-9	638338.7370	1520973.4830	726.03
10	BL-10	638029.1810	1521322.2700	725.25

BY

POINT	DESC.	NORTH	EAST	ELEVATION
3	B5372-3	638831.2910	1520637.9400	729.78
11	BY-11	638421.6020	1520449.2040	722.13
12	BY-12	637846.3860	1520500.0310	703.88
16	BY-16	637263.5070	1520383.4340	712.74

BY3

POINT	DESC.	NORTH	EAST	ELEVATION
22	BY-12	637846.3860	1520500.0310	703.88
13	BY-13	637749.4180	1520704.6430	711.44
14	BY-14	637507.7260	1520856.6270	696.21

BY4

POINT	DESC.	NORTH	EAST	ELEVATION
32	BY-12	637846.3860	1520500.0310	703.88
15	BY-15	637645.5980	1520179.5670	728.74

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCGS FOR MONUMENT "B5372-3"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 638831.291(ft) EASTING: 1520637.940(ft)
ELEVATION: 729.805(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.999850980
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"B5372-3" TO -L- STATION 17+00.00 IS
S 42° 00' 19" W 738.14'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

****
BM1 ELEVATION = 732.21
N 638516 E 1519571
RR SPIKE IN BASE OF 24 INCH OAK
****
BM2 ELEVATION = 726.34
N 638252 E 1520970
RR SPIKE IN BASE OF 30 INCH PINE
****
BM3 ELEVATION = 730.45
N 638638 E 1520445
RR SPIKE IN BASE OF 15 INCH PINE
****
BM4 ELEVATION = 700.80
N 637628 E 1520558
RR SPIKE IN BASE OF 24 INCH SWEET GUM
****

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.

REVISIONS

6/2/99
7/8/2024 2:39:05 PM
Users\b5372_1s_1C-2.dgn
User: dpopper

PROJECT REFERENCE NO.	SHEET NO.
B-5372	RW-3
Location and Surveys	

PROPOSED ALIGNMENT CONTROL SHEET

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	638596.3592	1519517.9612
PC	21+64.51	638073.9726	1520558.7303
PCC	22+73.82	638047.5048	1520663.8908
PCC	24+93.48	638172.1210	1520823.8990
PT	25+92.63	638268.8725	1520813.0562
PC	26+17.65	638291.2386	1520801.8352
PT	27+63.69	638376.5183	1520689.5202
POT	28+04.38	638384.3243	1520649.5886

RPB

TYPE	STATION	NORTH	EAST
POT	10+00.00	638338.3364	1520032.0290
PC	15+08.43	637953.8292	1520364.6789
PT	15+90.58	637885.5240	1520409.9063
POT	16+88.86	637797.3048	1520453.2311

LPA

TYPE	STATION	NORTH	EAST
POT	10+00.00	638283.8786	1520140.5273
PC	10+39.22	638319.5718	1520124.2732
PT	11+51.70	638421.8715	1520147.0523
PC	11+52.51	638422.3988	1520147.6715
PT	12+39.79	638445.9335	1520229.0305
POT	12+55.07	638443.7689	1520244.1586

Y

TYPE	STATION	NORTH	EAST
POT	10+00.00	639024.6348	1520630.0145
PC	11+25.38	638903.8516	1520596.3902
PT	15+90.69	638449.0764	1520499.3223
PC	15+96.37	638443.4543	1520498.4779
PT	20+19.18	638022.6092	1520460.3561
POT	28+66.25	637175.9625	1520433.5817

LPC

TYPE	STATION	NORTH	EAST
POT	10+00.00	638073.9726	1520558.7303
PC	11+90.85	637988.3573	1520729.3046
PT	12+55.19	637946.7227	1520777.4873
PC	12+66.25	637937.6646	1520783.8282
PT	14+69.87	637781.3708	1520716.3825
POT	14+75.84	637780.5062	1520710.4738

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.

REVISIONS

Docusign Envelope ID: 2398077F-F732-4B1D-A3C5-667DBC766942

6/2/99

PROJECT REFERENCE NO.	SHEET NO.
B-5372	RW-04

Location and Surveys

DS SEAL L-5413 — NORTH CAROLINA PROFESSIONAL LAND SURVEYOR ANTHONY A. EDWARDS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, ANTHONY EDWARDS, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

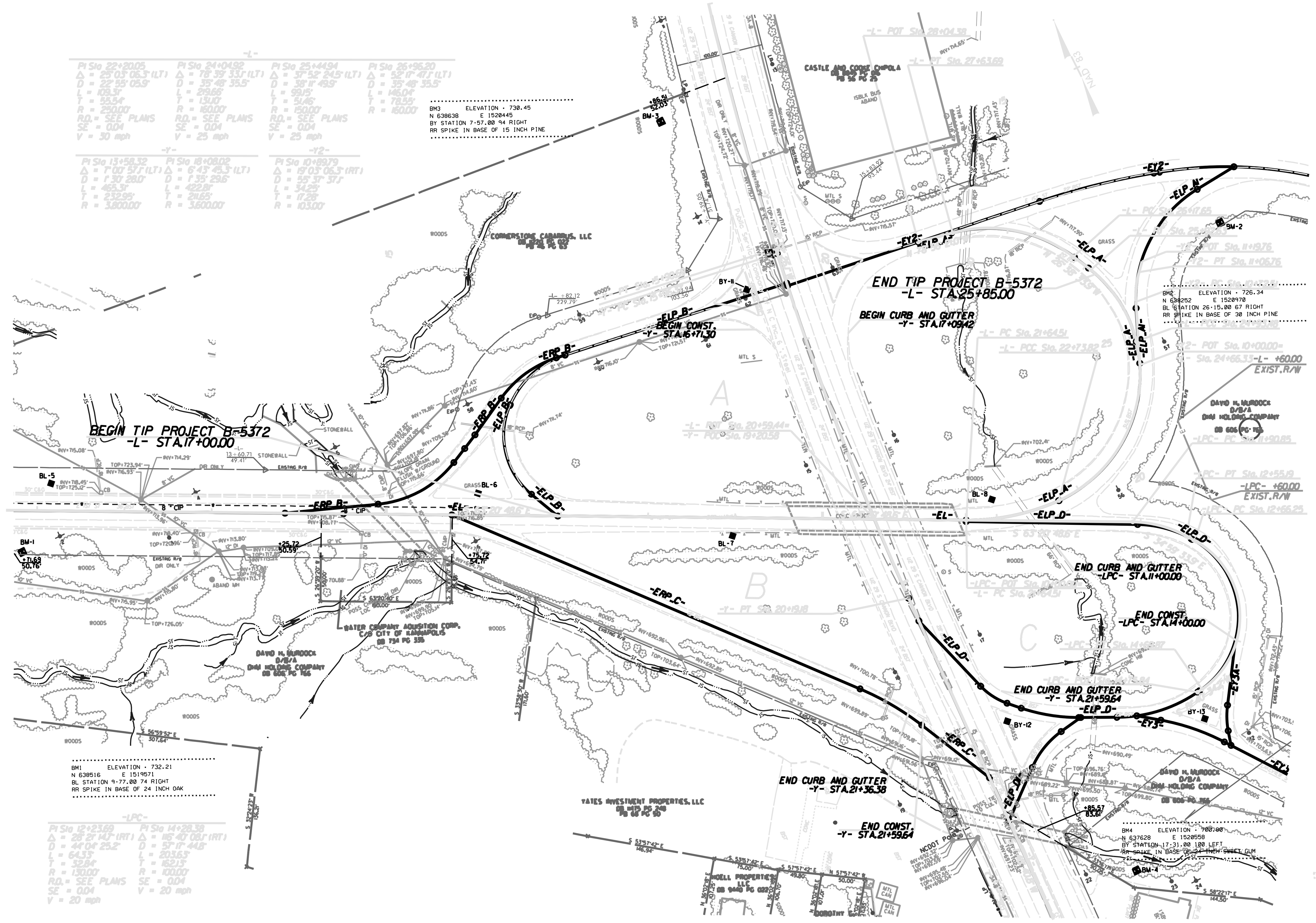
I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 19th day of August, 2024.

DocuSigned by:
Anthony Edwards
70CB565B419B48A...

Professional Land Surveyor — PLS # L-5413 — Seal

REVISIONS



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 __24.05.01___ TO _24.05.01____ .

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$
$$$$USERNAME$$$$

Docusign Envelope ID: A25178AB-7625-4995-908B-16462F450D8B

6/2/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
B-5372	03E-1

Location and Surveys

I, ANTHONY EDWARDS, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 19th day of August, 2024.

DocuSigned by:
Anthony Edwards
70CB565B419B48A...

Professional Land Surveyor PLS # L-5413 Seal

NORTH CAROLINA PROFESSIONAL SEAL L-5413 LAND SURVEYOR ANTHONY A. EDWARDS

PROJECT SURVEYOR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TEMPORARY CONSTRUCTION EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
L	24+60.00	50.00	638119.5466	1520858.5638

TEMPORARY CONSTRUCTION EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
LPC	12+60.00	-50.00	637971.4545	1520821.2079

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 __24-05-01___ TO ___24-05-01__ .

$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$USERNAME$$$$