DocuSign Envelope ID: A7CFD14F-B801-4F49-B376-DE9E022138ED

PROJECT REFERENCE NO.	SHEET NO.
R-5799	RW05

Location and Surveys

MATTERN AND CRAIG
ENGINEERS & SURVEYORS
12 BROAD STREET
ASHEVILLE NORTH CAROLINA 28801
(828) 254-2201
FAX (828) 254-4562
NC LIC. NO. C-1154

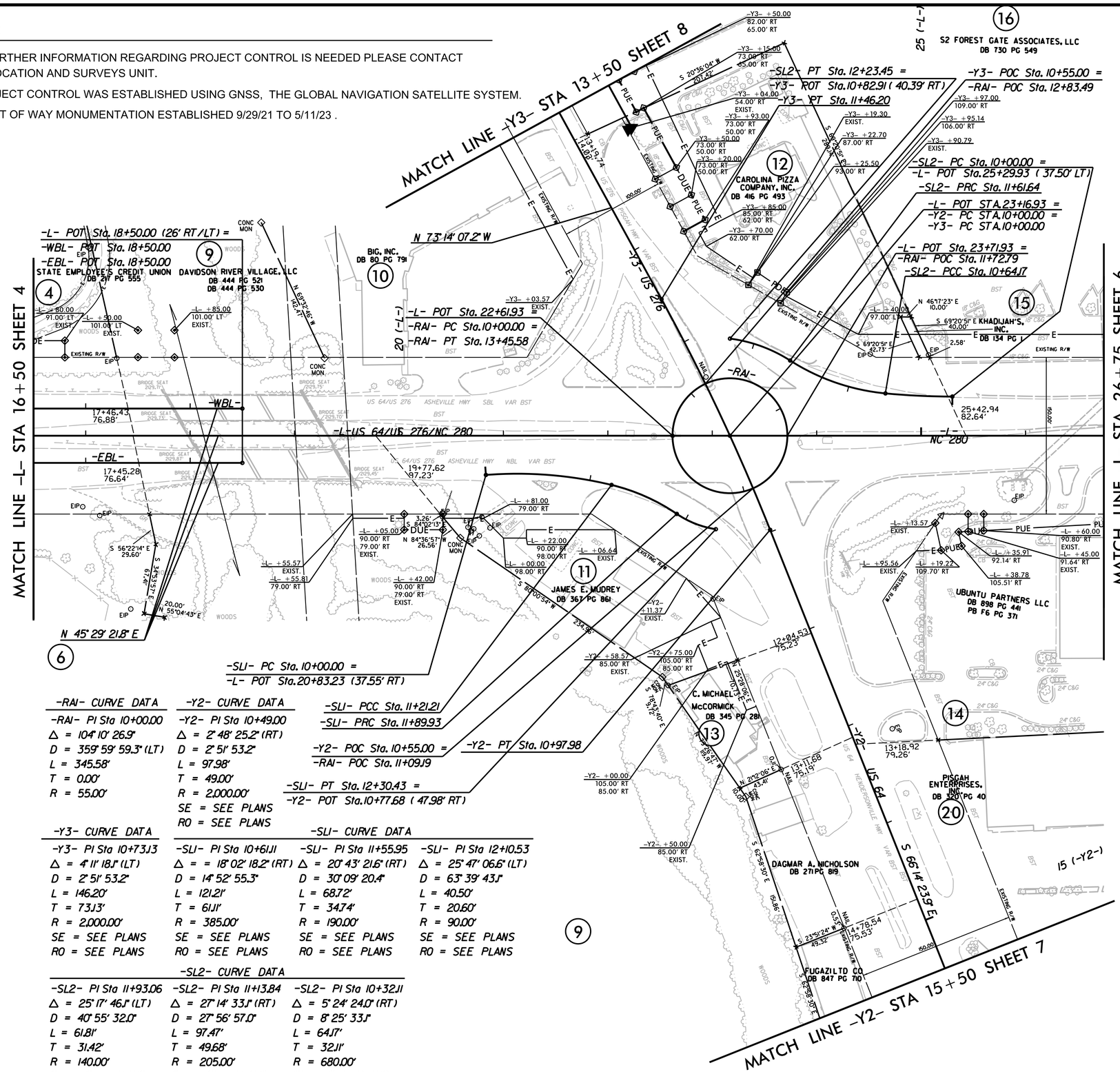
PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5235 LAND SURVEYOR RON L. ZIETLOW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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 9/29/21 TO 5/11/23 .



-RAI- CURVE DATA

-RAI- PI Sta 10+00.00
Δ = 104° 10' 26.9"
D = 359° 59' 59.3" (LT)
L = 345.58'
T = 0.00'
R = 55.00'

-Y2- CURVE DATA

-Y2- PI Sta 10+49.00
Δ = 2° 48' 25.2" (RT)
D = 2° 51' 53.2"
L = 97.98'
T = 49.00'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

-Y3- CURVE DATA

-Y3- PI Sta 10+73.13
Δ = 4° 11' 18.1" (LT)
D = 2° 51' 53.2"
L = 146.20'
T = 73.13'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

-SLI- CURVE DATA

-SLI- PI Sta 10+61.11
Δ = = 18° 02' 18.2" (RT)
D = 14° 52' 55.3"
L = 121.21'
T = 61.11'
R = 385.00'
SE = SEE PLANS
RO = SEE PLANS

-SLI- PI Sta 11+55.95
Δ = 20° 43' 21.6" (RT)
D = 30° 09' 20.4"
L = 68.72'
T = 34.74'
R = 190.00'
SE = SEE PLANS
RO = SEE PLANS

-SLI- PI Sta 12+10.53
Δ = 25° 47' 06.6" (LT)
D = 63° 39' 43.1"
L = 40.50'
T = 20.60'
R = 90.00'
SE = SEE PLANS
RO = SEE PLANS

-SL2- CURVE DATA

-SL2- PI Sta 11+93.06
Δ = 25° 17' 46.1" (LT)
D = 40° 55' 32.0"
L = 61.81'
T = 31.42'
R = 140.00'
SE = SEE PLANS
RO = SEE PLANS

-SL2- PI Sta 11+13.84
Δ = 27° 14' 33.1" (RT)
D = 27° 56' 57.0"
L = 97.47'
T = 49.68'
R = 205.00'
SE = SEE PLANS
RO = SEE PLANS

-SL2- PI Sta 10+32.11
Δ = 5° 24' 24.0" (RT)
D = 8° 25' 33.1"
L = 64.17'
T = 32.11'
R = 680.00'
SE = SEE PLANS
RO = SEE PLANS

I , R. L. Zietlow , 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 9/29/21 to 5/11/23, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 11th day of May, 2023.

DocuSigned by:
Ron Zietlow
8AE55C9844005472...

Professional Land Surveyor L-5235

REVISIONS

6/2/99

16-MAY-2023 08:41
R:\R5799_NCDOT_Survey\3921AR_r5799 RW Revision\03 Design\03-Survey\05-CAD\r5799_ls_rw05.dgn
LIZ.ZIETLOW
NC ASH WKS-52H