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6/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-5799	RW04

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

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

NOTES:

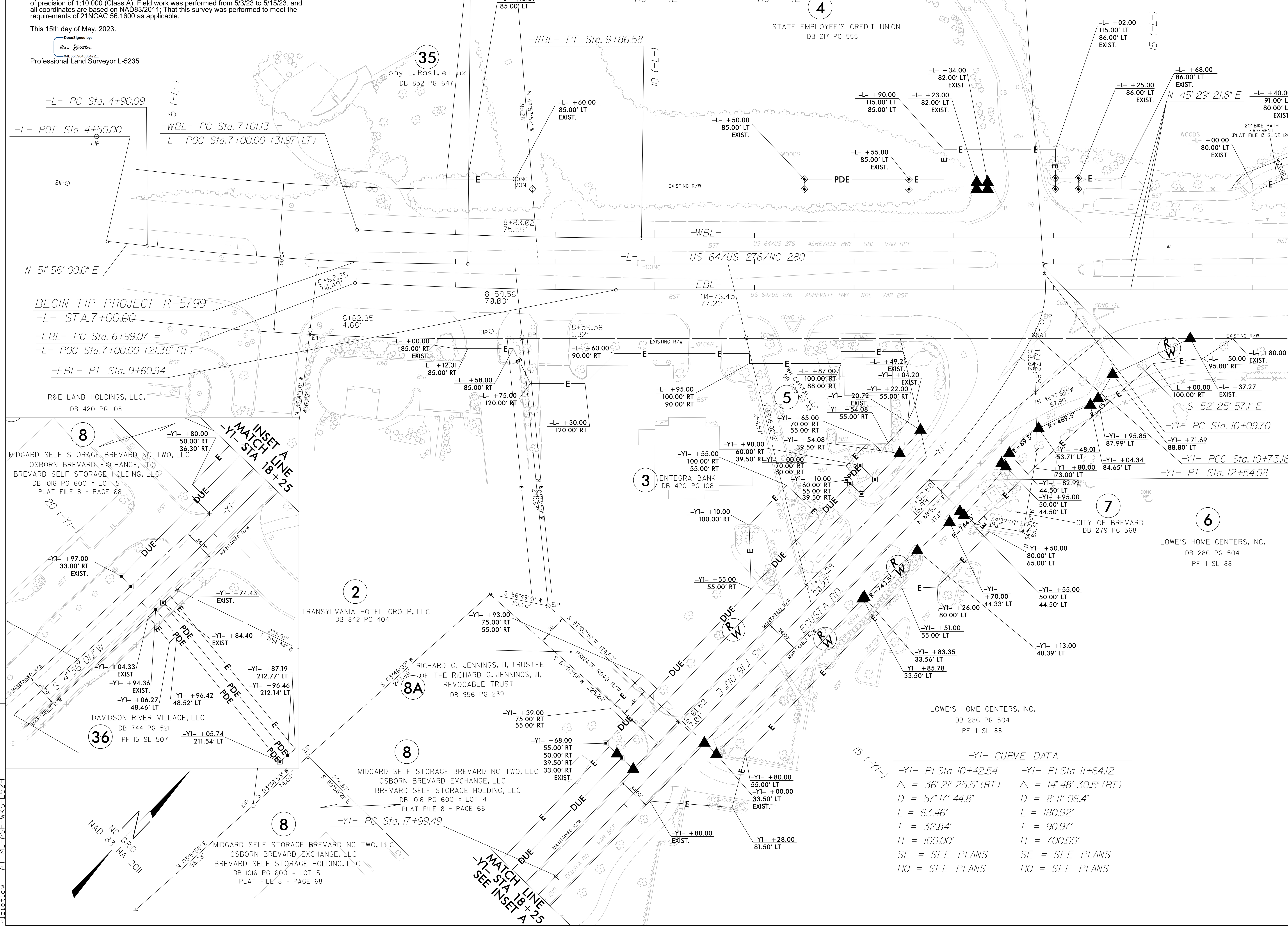
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 9/29/21 TO 5/15/23 .

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 5/3/23 to 5/15/23, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 15th day of May, 2023.

DocuSigned by:
Ron Zietlow
84E55C984005472...
Professional Land Surveyor L-5235

-L- CURVE DATA	-EBL- CURVE DATA	-WBL- CURVE DATA
-L- PI Sta 6+51.37	-EBL- PI Sta 8+30.04	-WBL- PI Sta 8+43.89
△ = 6° 26′ 38.2″ (LT)	△ = 3° 00′ 02.8″ (LT)	△ = 3° 16′ 15.9″ (LT)
D = 1° 59′ 59.5″	D = 1° 08′ 45.3″	D = 1° 08′ 45.3″
L = 322.22′	L = 261.87′	L = 285.46′
T = 161.28′	T = 130.96′	T = 142.77′
R = 2,865.00′	R = 5,000.00′	R = 5,000.00′
	SE = 02	SE = 02
	RO = 42′	RO = 42′



-Y1- CURVE DATA

-Y1- PI Sta 10+42.54	-Y1- PI Sta 11+64.12
△ = 36° 21′ 25.5″ (RT)	△ = 14° 48′ 30.5″ (RT)
D = 57° 17′ 44.8″	D = 8° 11′ 06.4″
L = 63.46′	L = 180.92′
T = 32.84′	T = 90.97′
R = 100.00′	R = 700.00′
SE = SEE PLANS	SE = SEE PLANS
RO = SEE PLANS	RO = SEE PLANS

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I:\3921 NCDOT Survey\3921AR_r5799 RW Revision\03 Design\03-Survey\01-Deliverables\r5799_ls_rw04 rz.dgn
rlzietlow AT MC-ASH-WKS-L52H