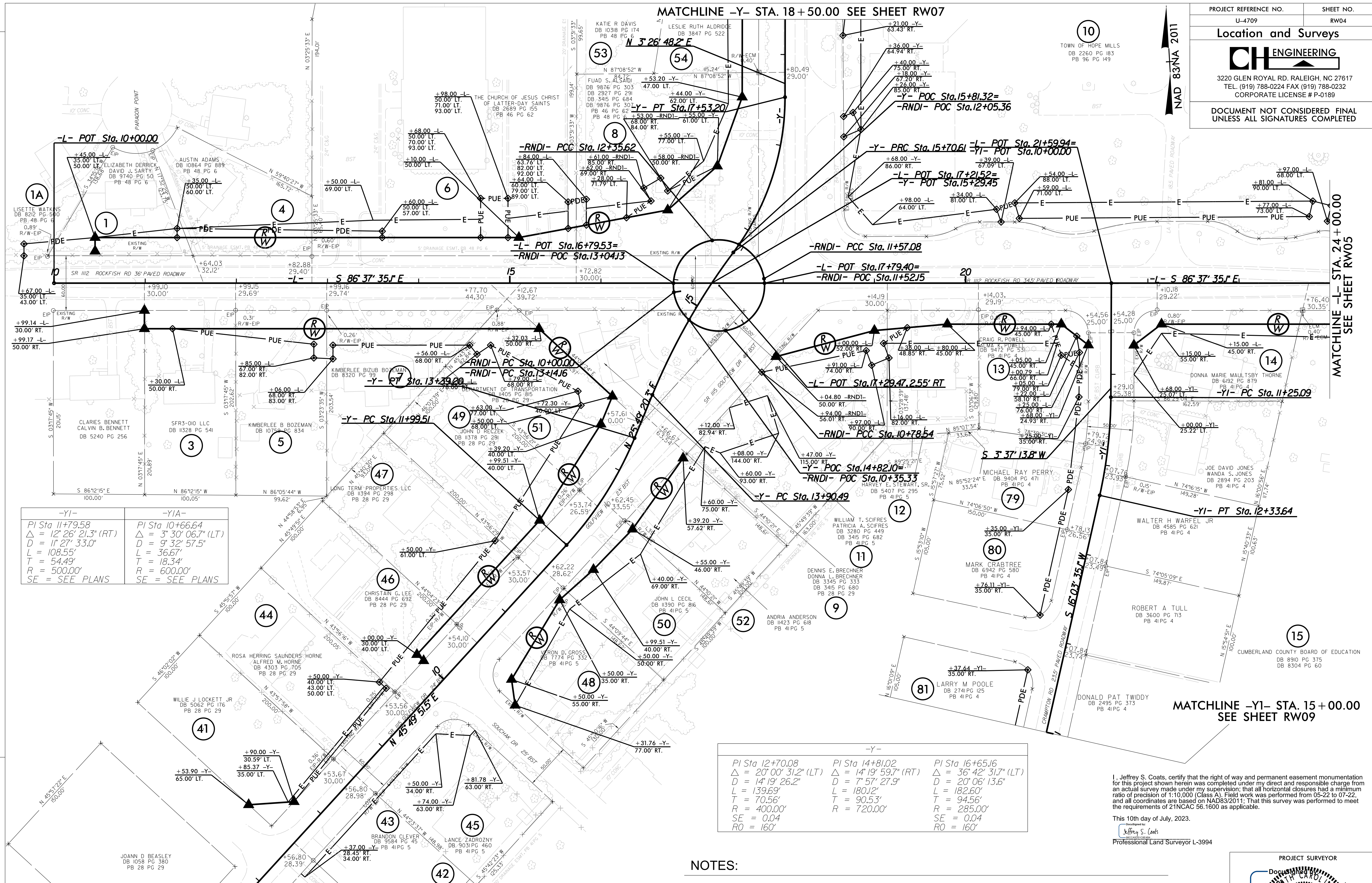


PROJECT REFERENCE NO.	SHEET NO.
U-4709	RW04
Location and Surveys	
CH ENGINEERING	
3220 GLEN ROYAL RD. RALEIGH, NC 27617 TEL. (919) 788-0224 FAX (919) 788-0232 CORPORATE LICENSE # P-0189	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



-Y1-	-Y1A-
PI Sta 11+79.58	PI Sta 10+66.64
Δ = 12° 26' 21.3" (RT)	Δ = 3° 30' 06.7" (LT)
D = 11' 27' 33.0"	D = 9' 32' 57.5"
L = 108.55'	L = 36.67'
T = 54.49'	T = 18.34'
R = 500.00'	R = 600.00'
SE = SEE PLANS	SE = SEE PLANS

-Y-	-Y-	-Y-
PI Sta 12+70.08	PI Sta 14+81.02	PI Sta 16+65.16
Δ = 20° 00' 31.2" (LT)	Δ = 14° 19' 59.7" (RT)	Δ = 36° 42' 31.7" (LT)
D = 14' 19' 26.2"	D = 7' 57' 27.9"	D = 20' 06' 13.6"
L = 139.69'	L = 182.60'	L = 182.60'
T = 70.56'	T = 90.53'	T = 94.56'
R = 400.00'	R = 720.00'	R = 285.00'
SE = 0.04	SE = 0.04	SE = 0.04
RO = 160'	RO = 160'	RO = 160'

-RNDI-	-RNDI-	-RNDI-	-RNDI-
PI Sta 10+50.00	PI Sta 11+28.54	PI Sta 12+07.08	PI Sta 12+85.62
Δ = 90° 00' 00.0" (LT)	Δ = 90° 00' 00.0" (LT)	Δ = 90° 00' 00.0" (LT)	Δ = 90° 00' 00.0" (LT)
D = 114' 35' 29.6"	D = 114' 35' 29.6"	D = 114' 35' 29.6"	D = 114' 35' 29.6"
L = 78.54'	L = 78.54'	L = 78.54'	L = 78.54'
T = 50.00'	T = 50.00'	T = 50.00'	T = 50.00'
R = 50.00'	R = 50.00'	R = 50.00'	R = 50.00'

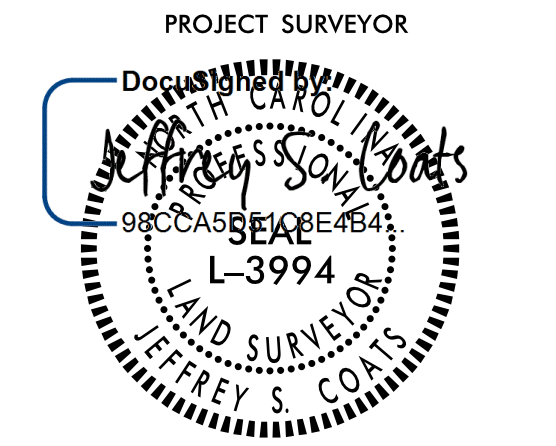
NOTES:

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 MAY 2022 TO JULY 2022 .

I, Jeffrey S. Coats, 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 05-22 to 07-22, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 10th day of July, 2023.

Jeffrey S. Coats
Professional Land Surveyor L-3994



REVISIONS

MATCHLINE -L- STA. 24 + 00.00 SEE SHEET RW05