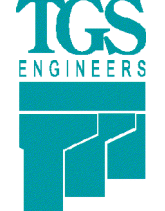


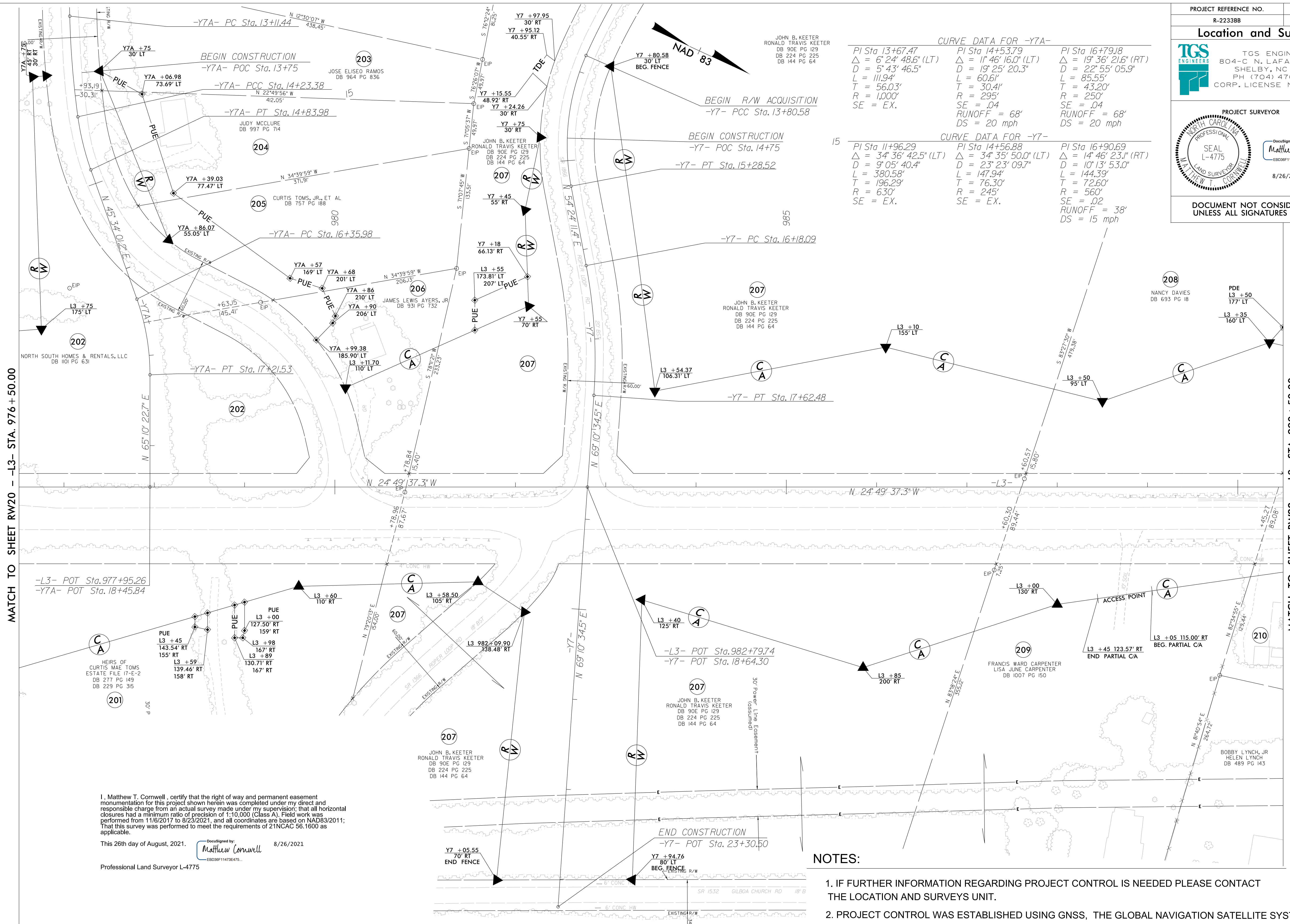


PROJECT REFERENCE NO. R-2233BB	SHEET NO. RW21
Location and Surveys	
 TGS ENGINEERS 804-C N. LAFAYETTE ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	
PROJECT SURVEYOR	
 SEAL L-4775 MATTHEW T. CORNWELL	DocuSigned by:  Matthew Cornwell E8036F11473E475 8/26/2021
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	




CURVE DATA FOR -Y7A-

PI Sta 13+67.47 $\Delta = 6^{\circ} 24' 48.6''$ (LT) D = 5' 43' 46.5" L = 111.94' T = 56.03' R = 1,000' SE = EX.	PI Sta 14+53.79 $\Delta = 11^{\circ} 46' 16.0''$ (LT) D = 19' 25' 20.3" L = 60.61' T = 30.41' R = 295' SE = .04 RUNOFF = 68' DS = 20 mph	PI Sta 16+79.18 $\Delta = 19^{\circ} 36' 21.6''$ (RT) D = 22' 55' 05.9" L = 85.55' T = 43.20' R = 250' SE = .04 RUNOFF = 68' DS = 20 mph
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CURVE DATA FOR -Y7-

PI Sta 11+96.29 $\Delta = 3^{\circ} 36' 42.5''$ (LT) D = 9' 05' 40.4" L = 380.58' T = 196.29' R = 630' SE = EX.	PI Sta 14+56.88 $\Delta = 3^{\circ} 35' 50.0''$ (LT) D = 23' 23' 09.7" L = 147.94' T = 76.30' R = 245' SE = EX.	PI Sta 16+90.69 $\Delta = 14^{\circ} 46' 23.1''$ (RT) D = 10' 13' 53.0" L = 144.39' T = 72.60' R = 560' SE = .02 RUNOFF = 38' DS = 15 mph
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I, Matthew T. Cornwell, 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 11/6/2017 to 8/23/2021, 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 August, 2021. 
 Professional Land Surveyor L-4775

- 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 11/6/2017 TO 8/23/2021 .

REVISIONS

MATCH TO SHEET RW20 -- L3-- STA. 976 + 50.00

MATCH TO SHEET RW22 -- L3-- STA. 990 + 50.00

25-AUG-2021 14:46
 C:\Users\mccornwell\OneDrive\Documents\Projects\2233BB\RW REVISIONS\SHEET WORK\RW SERIES\R-2233BB-1s-rw21.dgn
 MATTHEW T. CORNWELL
 8/26/2021