

Location and Surveys

KCI Associates of N.C., P.A.
 4505 Falls of Neuse Rd, Suite 400
 Raleigh, NC 27609
 Phone (919) 783-9214
<http://www.kci.com>

PROJECT SURVEYOR

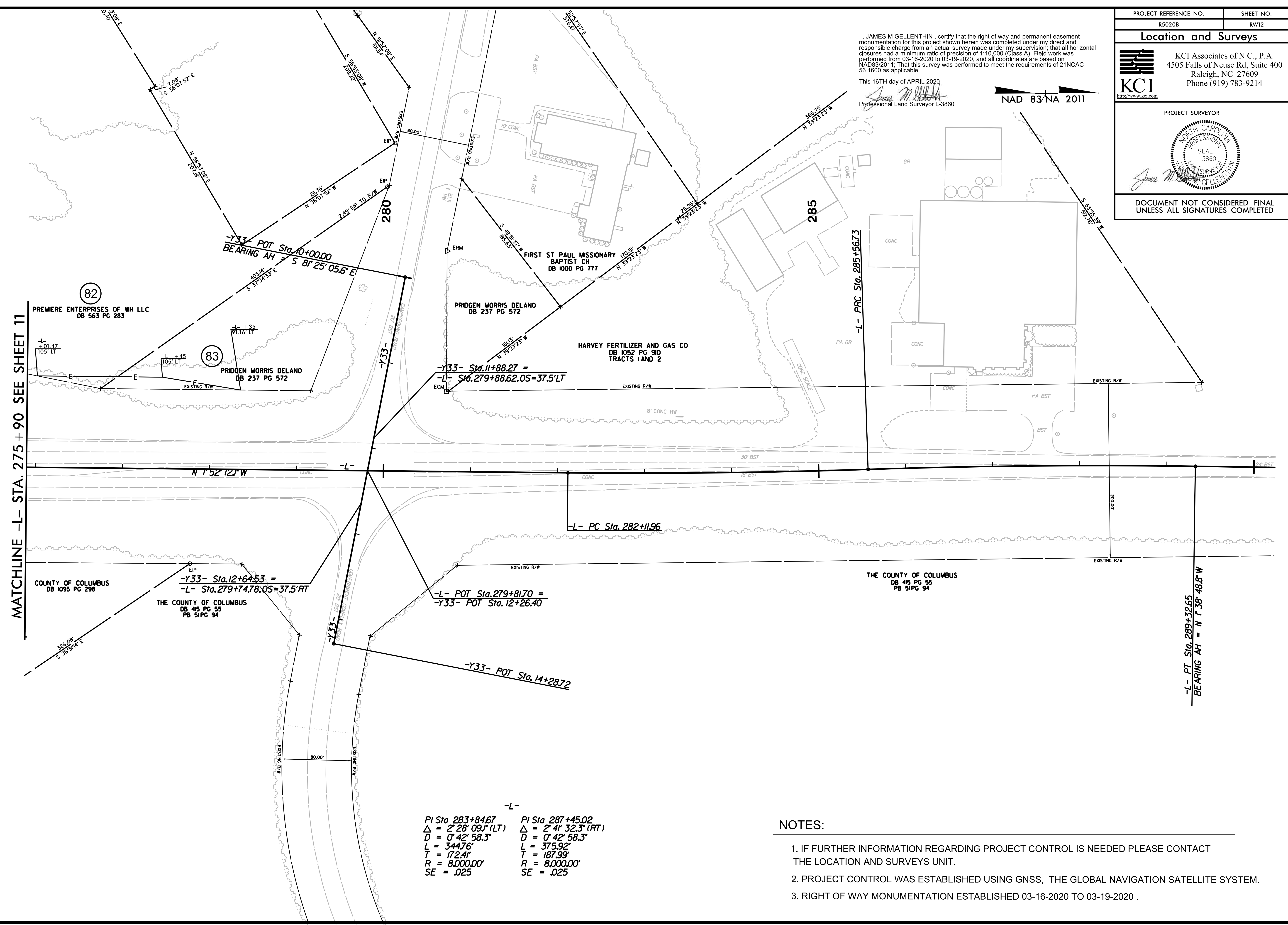
DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

I, JAMES M GELLENTHIN, 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 03-16-2020 to 03-19-2020, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 16TH day of APRIL 2020

James M. Gellenthin
 Professional Land Surveyor L-3860

NAD 83/NA 2011



MATCHLINE -L- STA. 275 + 90 SEE SHEET 11

-L- PT Sta. 289+32.65
 BEARING AH = N 1°38'48.8\"/>

-L-	-L-
PI Sta 283+84.67	PI Sta 287+45.02
Δ = 2°28'09.1\"/>	

- NOTES:**
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 - PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
 - RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2020 TO 03-19-2020 .

REVISIONS

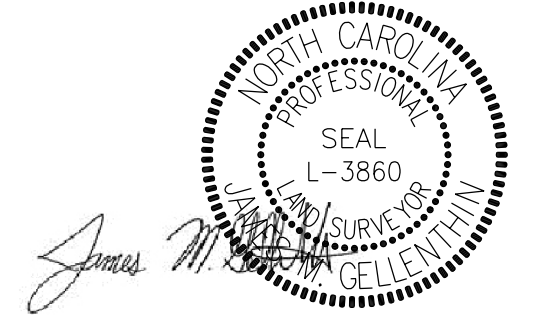
6/2/19 15:15:20 2020_0830 - Survey\A-R5020B RW Station\DRAWINGS\5020B-1s-rw12.dgn

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This 16TH day of APRIL 2020
James M. Gellenthin
Professional Land Surveyor L-3860

NAD 83/NA 2011

MATCHLINE -RPA- STA. 16 + 50 SEE SHEET 11

-RPA- SC Sta. 15+97.27

15

-RPA- SRS Sta. 14+47.27

-RPA- CS Sta. 13+47.27

-RPA- PC Sta. 10+00.00

-RPA- RAMP 25' BST

WBL US 74/76 ANDREW JACKSON HWY 32' BST

EBL US 74/76 ANDREW JACKSON HWY 32' BST

10

MATCHLINE -RPD- STA. 11 + 50 SEE SHEET 11

-RPD- S 63° 00' 59.0" W

-RPD- PT Sta. 10+00.00

PI Sta 11+73.86
Δ = 7° 06' 21.9" (RT)
D = 2° 02' 46.6"
L = 347.27'
T = 173.86'
R = 2,800.00'
SE = .04

PIs Sta 13+80.60
Θs = 1° 01' 23.3"
Ls = 100.00'
LT = 66.67'
ST = 33.33'

-RPA-
PIs Sta 15+47.31
Θs = 5° 22' 17.3"
Ls = 150.00'
LT = 100.05'
ST = 50.04'

PI Sta 17+11.66
Δ = 16° 16' 29.3" (LT)
D = 7° 09' 43.1"
L = 227.24'
T = 114.39'
R = 800.00'
SE = .06
RO=150'

NOTES:

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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2020 TO 03-19-2020 .

REVISIONS

6/2/19

I:\Projects\2020\06\08\132 NCDOT - Survey\A-R5020B RW Stationing\DRAWINGS\5020B-1s-rw13.dgn
15:45:20 06/08/2020 12:22:55
matchlines

6/2/19

REVISIONS


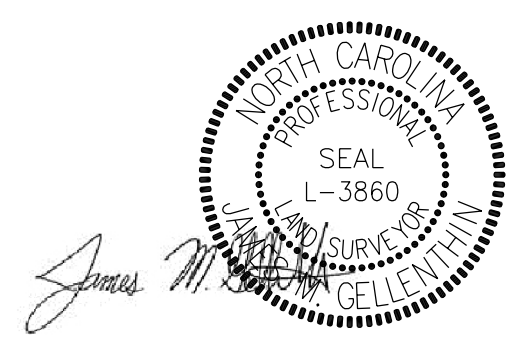
IS: APR 2020 06:34 NCDOT - Survey\A-R5020B RW Staking\DRAWINGS\R5020B-1s-rw14.dgn
M:\0206\502001372 NCDOT - Survey\A-R5020B RW Staking\DRAWINGS\R5020B-1s-rw14.dgn
matchbook

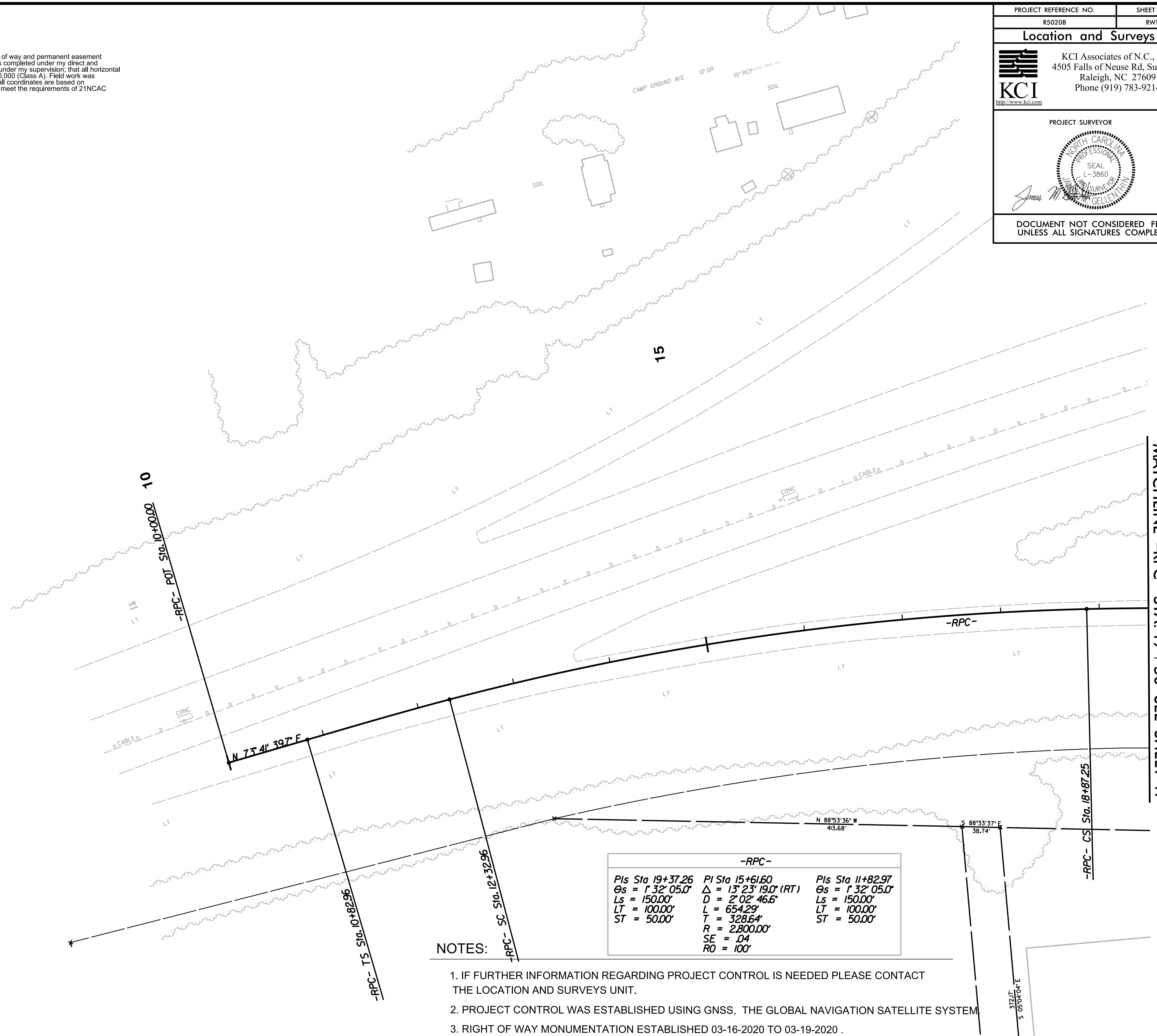
NAD 83/NA 2011

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This 16TH day of APRIL 2020,

James M Gelleth
Professional Land Surveyor L-3860

PROJECT REFERENCE NO. R5020B	SHEET NO. RW14
Location and Surveys	
	
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PROJECT SURVEYOR	
	
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-RPC-		
PIs Sta 19+37.26	PI Sta 15+61.60	PIs Sta 11+82.97
$\Theta_s = 1^\circ 32' 05.0''$	$\Delta = 13^\circ 23' 19.0''$ (RT)	$\Theta_s = 1^\circ 32' 05.0''$
Ls = 150.00'	D = 2' 02' 46.6"	Ls = 150.00'
LT = 100.00'	L = 654.29'	LT = 100.00'
ST = 50.00'	T = 328.64'	ST = 50.00'
	R = 2,800.00'	
	SE = .04	
	RO = 100'	

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