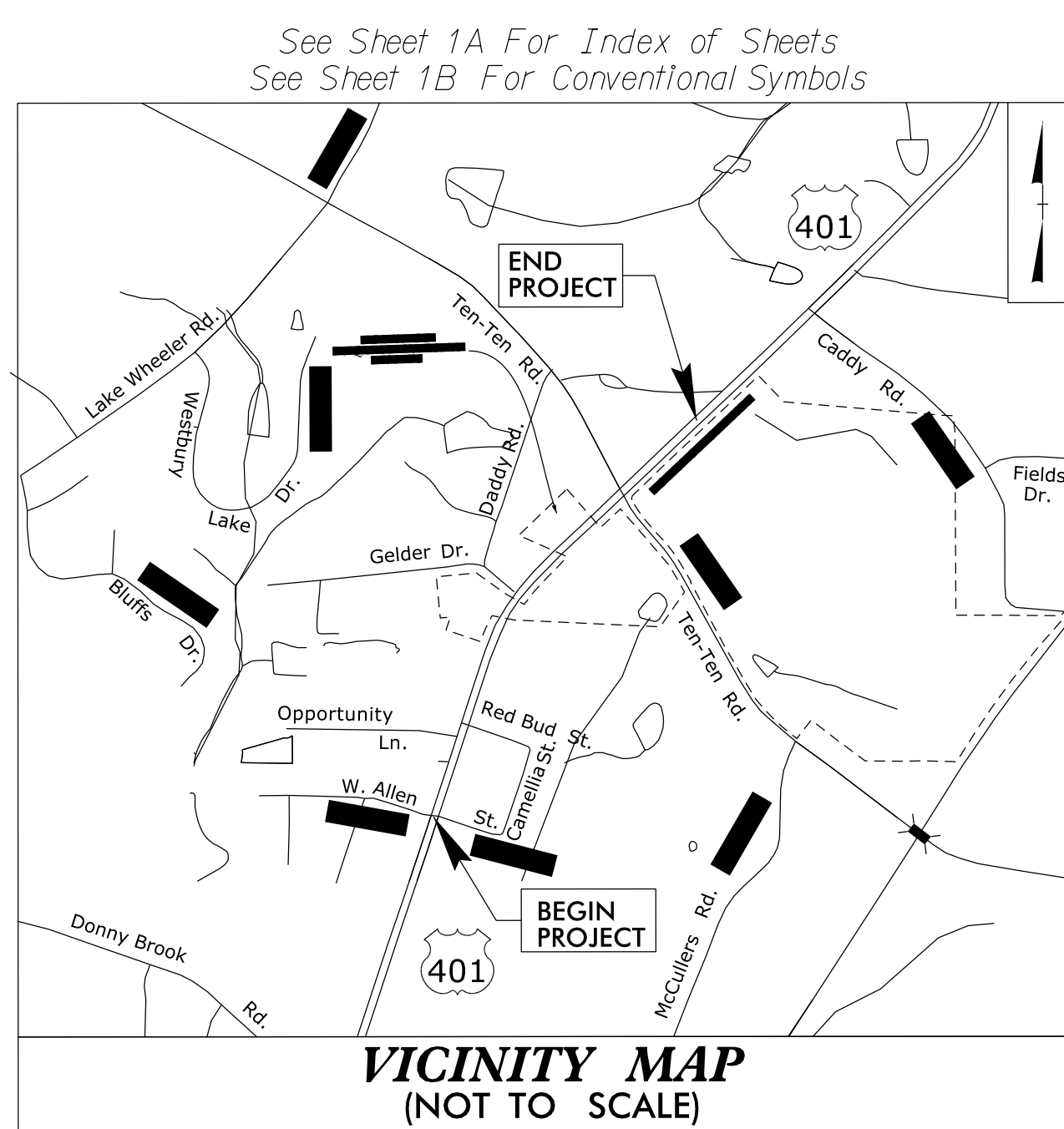


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5746	rw01	6

TIP PROJECT: U-5746

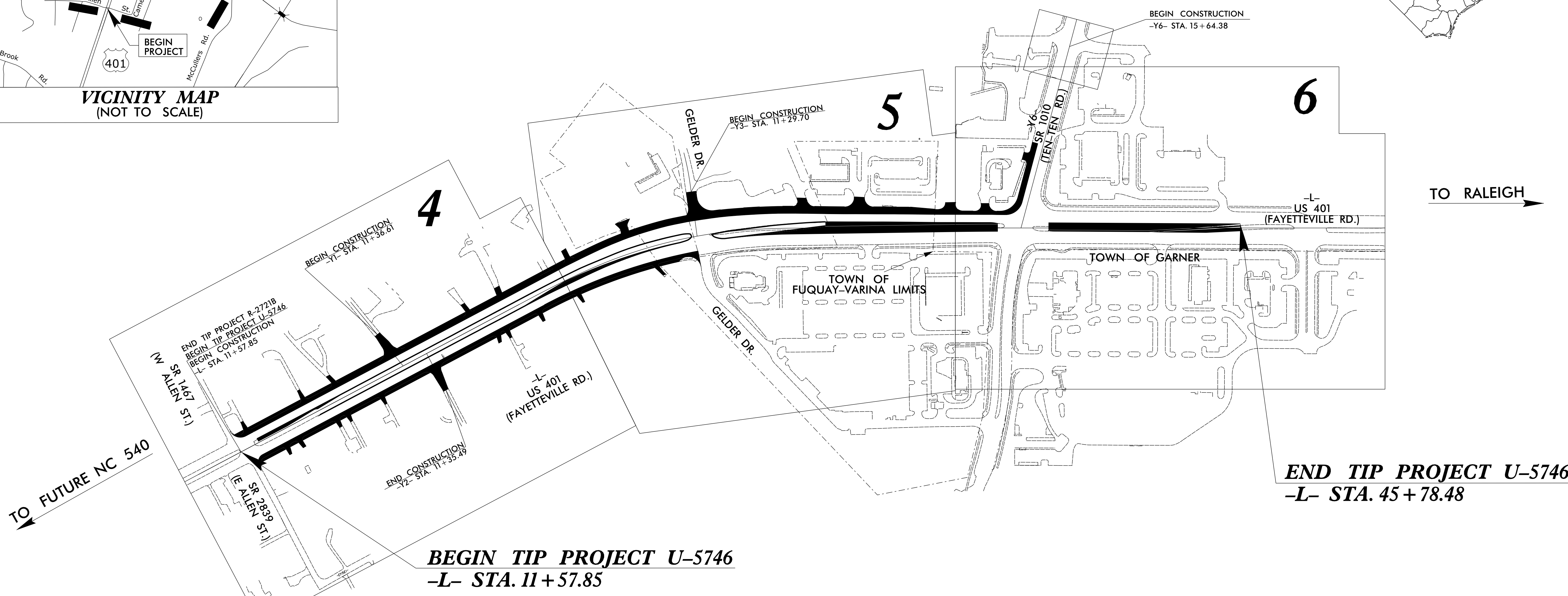
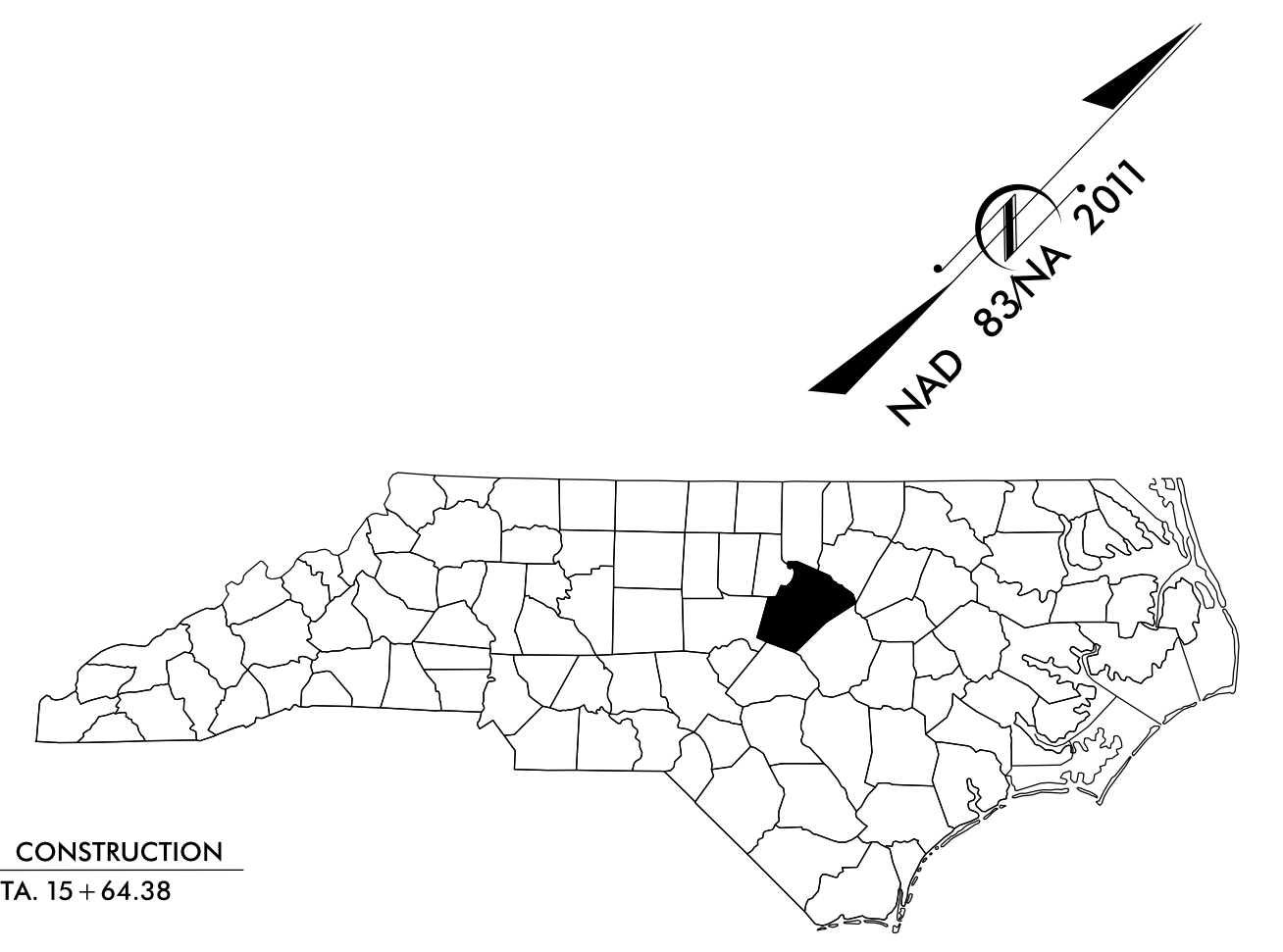


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

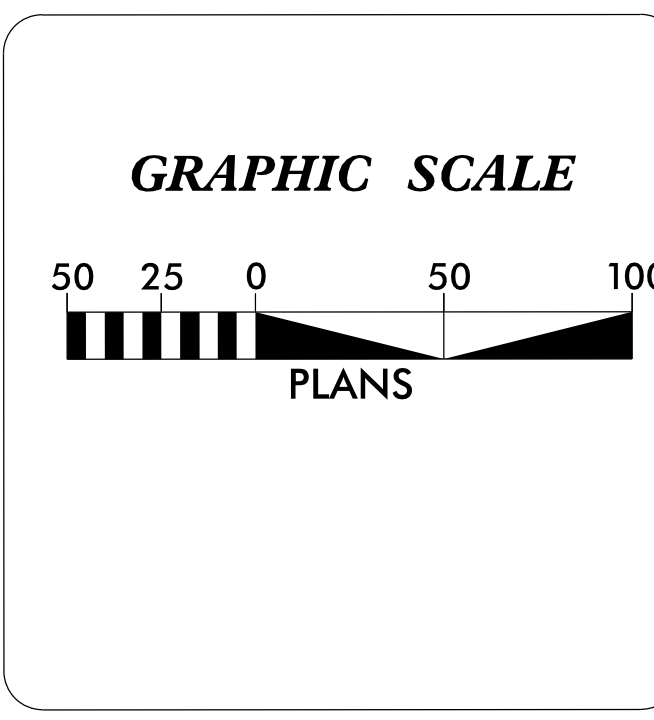
WAKE COUNTY

**LOCATION: US 401 (FAYETTEVILLE RD) FROM SR 1467/2839 (ALLEN ST)
TO NORTH OF SR 1010 (TEN-TEN RD)**



A PORTION OF THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE TOWN OF GARNER AND FUQUAY-VARINA. THERE IS NO CONTROL OF ACCESS ON THIS PROJECT. CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

★ MODIFIED TRAFFIC SIGNAL



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE NAD 1983 (CONUS) NA 2011 STATE PLANE COORDINATES FOR THE NCDOT MONUMENT "R2721AZ-1" WITH A NORTHING OF 697,986.543 EASTING OF 2,070,504.812. THE AVERAGE COMBINED FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS 0.99988804 (1/X=1.00011196). ALL LINEAR DISTANCES ARE LOCALIZED HORIZONTAL DISTANCES. THE VERTICAL DATUM IS (NAVD 88-GEOD 12) AND BASED ON THE FOLLOWING NCDOT MONUMENTS:

- "R2721-2" (ELEV. = 317.19')
- "R2721-6" (ELEV. = 425.56')
- "R2721-19" (ELEV. = 422.87')
- "R2721-25" (ELEV. = 390.50')
- "R2721-31" (ELEV. = 411.85')

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R2721AZ-1" TO -L- STATION 11+57.85 IS S 79°59'24" E 17,721.60' (ft)

ALL LINEAR DISTANCES ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88.

Prepared in the Office of:

DRMP, INC.
8000 REGENCY PARKWAY, SUITE 110
CARY, NC 27518
PHONE: (919) 650 1038

2024 STANDARD SPECIFICATIONS


RIGHT OF WAY DATE: 12/19/2019
LETTING DATE: 11/19/2024

PROFESSIONAL LAND SURVEYOR

DocuSigned by:
91FF97CDE08946E...
SIGNATURE: _____

09/05/2024
Date: _____

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. U5746	SHEET NO. rw02D-1
Location and Surveys	
 DRMP, INC. 9000 REGENCY PARKWAY, SUITE 110 CARY, NC 27518 PHONE: (919) 650 1038	

L			
TYPE	STATION	NORTH	EAST
POT	9+25.00	694685.0171	2087883.7687
TS	21+84.43	695881.1763	2088277.9391
SC	24+84.43	696162.7597	2088381.0589
CS	29+29.03	696537.6517	2088617.1396
ST	32+29.03	696752.3179	2088826.5230
POT	59+19.69	698615.9596	2090767.2709

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	695505.4057	2087875.7901
POT	12+69.76	695473.7911	2088143.6934

Y2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	695555.7929	2088170.7155
POT	12+53.03	695476.3132	2088410.9414

Y3			
TYPE	STATION	NORTH	EAST
POT	8+29.33	696636.8395	2088157.0790
PC	8+58.13	696638.9075	2088185.8108
PCC	10+08.89	696603.3356	2088329.7759
PT	11+07.00	696546.8396	2088409.9192
POT	12+75.42	696442.0241	2088541.7468

Y4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	696450.7300	2088548.1117
PC	11+32.74	696372.8813	2088655.6313
PT	11+97.27	696352.0673	2088715.7349
PC	14+28.68	696342.7968	2088946.9539
PT	14+73.44	696335.3340	2088990.9661
PC	14+78.32	696333.9117	2088995.6323
PT	15+06.53	696329.2178	2089023.3731
PC	17+65.66	696319.0156	2089282.3006
PT	18+07.21	696333.8431	2089319.8447
POT	22+95.37	696681.1808	2089662.8581

Y5			
TYPE	STATION	NORTH	EAST
POT	10+00.00	697182.5534	2089274.5591
PC	11+37.87	697067.4357	2089350.4196
PT	13+40.37	696907.9631	2089474.8801
PC	14+59.94	696819.8895	2089555.7443
PT	16+67.21	696654.1863	2089679.6681
PC	16+83.76	696640.0010	2089688.2005
PT	18+14.68	696525.3505	2089751.3505
POT	20+95.55	696274.3568	2089877.3980

Y6			
TYPE	STATION	NORTH	EAST
POT	10+00.00	698182.9061	2088659.1680
PC	11+72.31	698053.8647	2088773.3587
PT	14+59.08	697819.9710	2088938.2710
POT	21+76.11	697192.0405	2089284.4387

REVISIONS

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATINO REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

RIGHT OF WAY & PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO. U-5746	SHEET NO. rw03e-1
Location and Surveys	
 DRMP, INC. 8000 REGENCY PARKWAY, SUITE 110 CARY, NC 27518 PHONE: (919) 650 1038	
PROJECT SURVEYOR CHARLES W. BROWN	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	17+03.34	-110.00	695458.6832	2088022.8963
L	17+69.84	-85.00	695514.0130	2088067.4516
L	18+10.90	110.00	695491.9878	2088265.5083
L	18+71.07	85.00	695556.9579	2088260.5955
L	21+84.43	85.00	695854.5735	2088358.6688
L	21+84.43	-85.00	695907.7792	2088197.2094
L	22+30.10	-75.00	695948.1803	2088221.0882
L	22+31.77	-85.04	695952.9343	2088212.0880
L	22+87.50	-82.00	696005.5058	2088232.9969
L	22+87.50	-75.13	696003.2853	2088239.4949
L	24+84.43	85.00	696128.3721	2088458.7924
L	24+84.43	-85.00	696197.1474	2088303.3255
L	27+50.00	-85.00	696442.4057	2088438.3975
L	27+87.35	-128.29	696499.8582	2088425.3785
L	28+42.50	-140.09	696555.2048	2088451.3438
L	28+65.00	85.00	696435.6419	2088643.4133
L	28+65.00	70.99	696444.2908	2088632.3967
L	28+95.00	-90.00	696568.4996	2088525.6263
L	30+90.00	-86.00	696716.0811	2088666.0614
L	31+75.79	-85.06	696776.5705	2088729.0562
L	31+96.30	-85.01	696790.8872	2088743.9658
L	32+65.00	-85.00	696838.5378	2088793.5901
L	33+00.00	-81.97	696860.5934	2088820.9377
L	37+92.00	-81.97	697201.3719	2089175.8156
L	38+38.00	-100.00	697246.2389	2089196.5029

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6	18+96.00	31.71	697422.0281	2089121.4380
Y6	18+96.00	50.00	697413.2017	2089105.4217

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+96.00	-120.20	695264.9544	2087948.3169
L	15+90.00	137.00	695273.7309	2088222.0143
L	16+00.00	110.00	695291.6788	2088199.5005
L	16+15.00	147.00	695294.3452	2088239.3363
L	16+29.00	110.00	695319.2219	2088208.5768
L	16+92.00	-118.00	695450.4151	2088011.7486
L	17+61.00	-127.42	695518.8978	2088024.3983
L	17+72.00	-114.00	695525.1442	2088040.5856
L	20+64.00	85.00	695740.1925	2088320.9768
L	20+80.00	121.00	695744.1216	2088360.1758
L	20+91.00	85.00	695765.8377	2088329.4277
L	21+02.00	112.00	695767.8331	2088358.5134
L	21+90.00	-94.00	695915.8879	2088190.4054
L	21+96.00	135.00	695849.8934	2088409.7719
L	21+98.00	85.44	695867.3071	2088363.3253
L	22+13.00	-107.00	695941.8859	2088185.2938
L	22+26.00	135.00	695878.1553	2088419.1118
L	22+29.00	86.40	695896.2764	2088373.9189
L	23+17.00	88.39	695977.5430	2088403.6367
L	23+39.00	127.00	695984.6720	2088447.1301
L	23+48.00	88.64	696005.8282	2088413.9801
L	23+63.00	114.00	696010.6827	2088442.7526
L	24+13.00	-121.00	696141.1872	2088240.9974
L	24+13.00	-180.00	696162.8144	2088186.1042
L	24+51.00	-180.00	696201.4507	2088201.7756
L	24+51.00	-125.00	696180.2438	2088252.5227
L	25+00.00	-145.00	696236.9746	2088255.4303
L	25+00.00	-122.00	696227.4559	2088276.3682
L	25+20.00	-150.00	696258.9781	2088260.0990
L	25+25.00	-120.00	696251.0818	2088289.5483
L	28+62.00	-141.00	696572.6209	2088463.6301
L	29+25.00	-145.00	696628.5330	2088504.0760
L	29+25.00	-131.00	696619.4621	2088514.7399
L	29+45.00	-145.00	696645.0902	2088518.3453
L	29+45.00	-129.00	696634.5682	2088530.3988
L	31+65.00	-116.22	696791.3669	2088699.5328
L	31+77.00	-140.32	696817.1625	2088691.5385
L	31+99.00	-115.00	696814.3802	2088725.1343
L	36+07.00	-107.00	697091.2897	2089025.0365
L	38+11.00	-103.00	697229.7017	2089174.9502
L	39+62.00	-98.96	697331.3706	2089286.6618
L	41+76.00	-94.00	697476.0211	2089444.4547
L	43+32.00	74.37	697462.6297	2089673.5965
L	43+32.00	111.00	697436.2074	2089698.9658
L	43+50.00	-90.00	697593.6541	2089572.7298
L	43+50.00	-75.53	697583.2155	2089582.7537
L	43+61.00	74.54	697482.5902	2089694.6256
L	43+62.00	110.00	697457.7077	2089719.9119

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	11+27.00	35.00	695455.7632	2087997.8132
Y1	11+27.00	29.27	695461.4526	2087998.4881

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	9+12.00	-57.00	696693.0752	2088248.1875
Y3	9+22.00	-83.00	696716.4508	2088265.3953
Y3	9+30.00	-45.69	696677.8475	2088267.5038
Y3	9+45.19	-70.62	696697.0943	2088292.1345
Y3	9+93.86	-55.81	696660.0145	2088343.2219

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6	18+96.00	74.00	697401.6149	2089084.4039
Y6	18+74.00	-44.53	697478.1032	2089177.5839
Y6	18+69.00	-74.00	697496.7116	2089200.9785
Y6	18+98.00	-80.00	697474.2118	2089220.2336
Y6	19+05.00	-44.60	697450.9939	2089192.6140

I, CHARLES W. BROWN, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

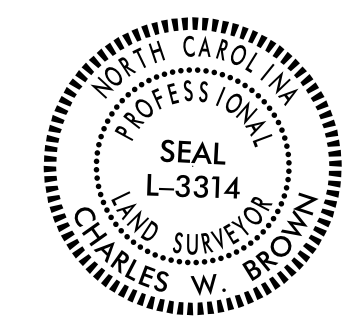
I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 18th day of March, 2020.

Professional Land Surveyor

PLS # L-3314



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.

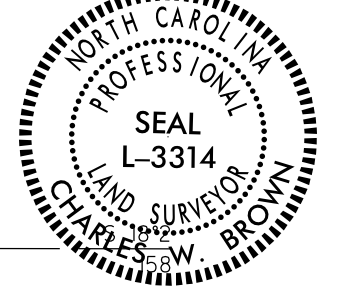
***** DENOTES POINT THAT COULD NOT BE SET
SEE DETAIL SHEETS FOR FURTHER INFO**

REVISIONS

Location and Surveys

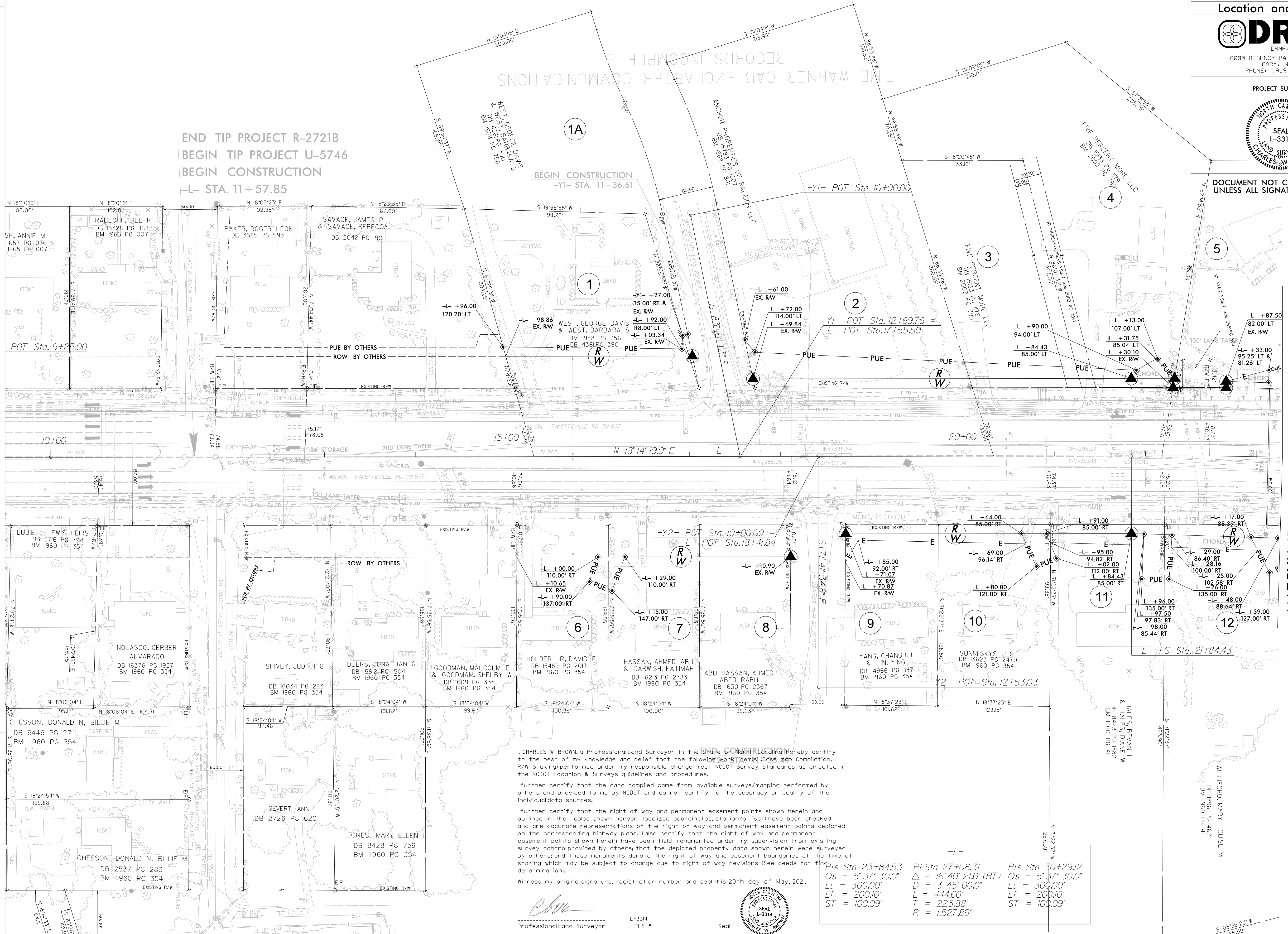


PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS



MATCHLINE -L- STA. 23 + 50, SEE SHEET 5

I, CHARLES W. BROWN, a Professional Land Surveyor in the State of North Carolina, hereby certify to the best of my knowledge and belief that the following work items in accordance with the NCDOT Location & Surveys guidelines and procedures.

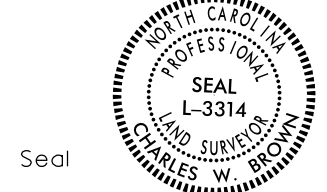
I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 20th day of May, 2021.

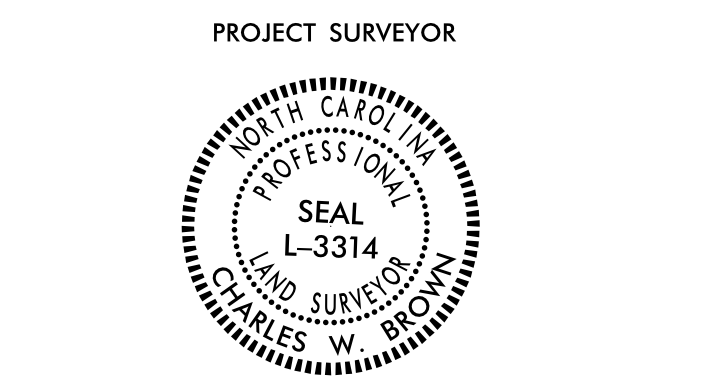
Professional Land Surveyor

L-3314 PLS #

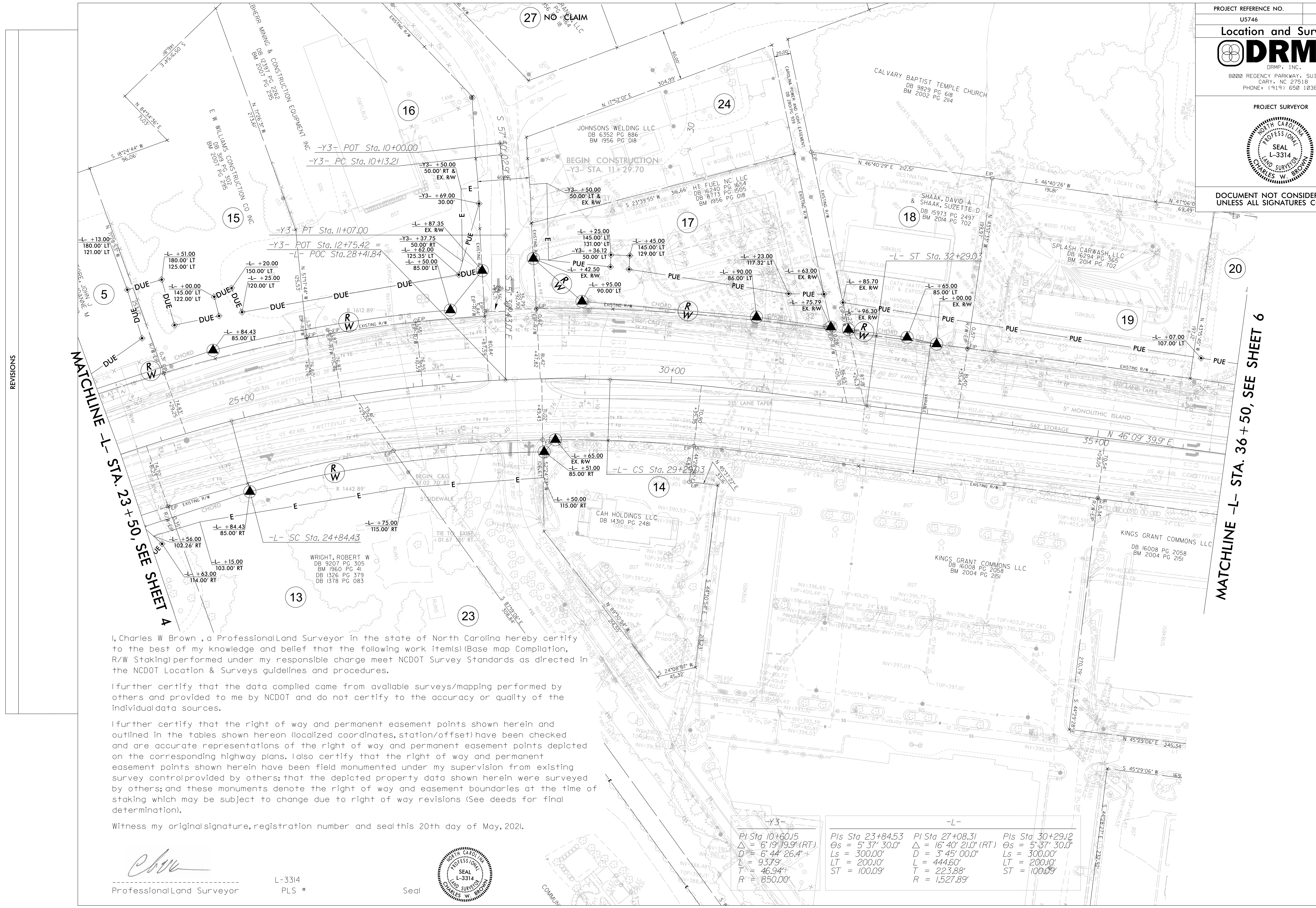


-L-	-L-	-L-
Pls Sta 23+84.53	Pls Sta 27+08.31	Pls Sta 30+29.12
Os = 5' 37" 30.0"	Δ = 16' 40" 21.0" (RT)	Os = 5' 37" 30.0"
Ls = 300.00'	D = 3' 45" 00.0"	Ls = 300.00'
LT = 200.10'	L = 444.60'	LT = 200.10'
ST = 100.09'	T = 223.88'	ST = 100.09'
	R = 1,527.89'	

S 03°36'23" W 165.59'



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



REVISIONS

MATCHLINE -L- STA. 23 + 50, SEE SHEET A

MATCHLINE -L- STA. 36 + 50, SEE SHEET 6

I, Charles W Brown, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 20th day of May, 2021.

Professional Land Surveyor

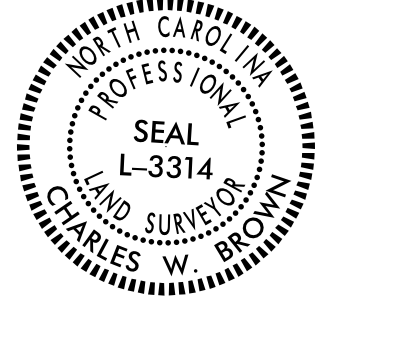
L-3314
 PLS #

Seal



-Y3-	-L-	-L-	-L-
PI Sta 10+60.15	PI Sta 23+84.53	PI Sta 27+08.31	PI Sta 30+29.12
Δ = 6° 19' 19.9" (RT)	Δ = 5° 37' 30.0"	Δ = 16° 40' 21.0" (RT)	Δ = 5° 37' 30.0"
D = 6' 44" 26.4"	Ls = 300.00'	D = 3' 45' 00.0"	Ls = 300.00'
L = 93.79'	L = 200.10'	L = 444.60'	L = 200.10'
T = 46.94'	ST = 100.09'	T = 223.88'	ST = 100.09'
R = 850.00'		R = 1,527.89'	

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

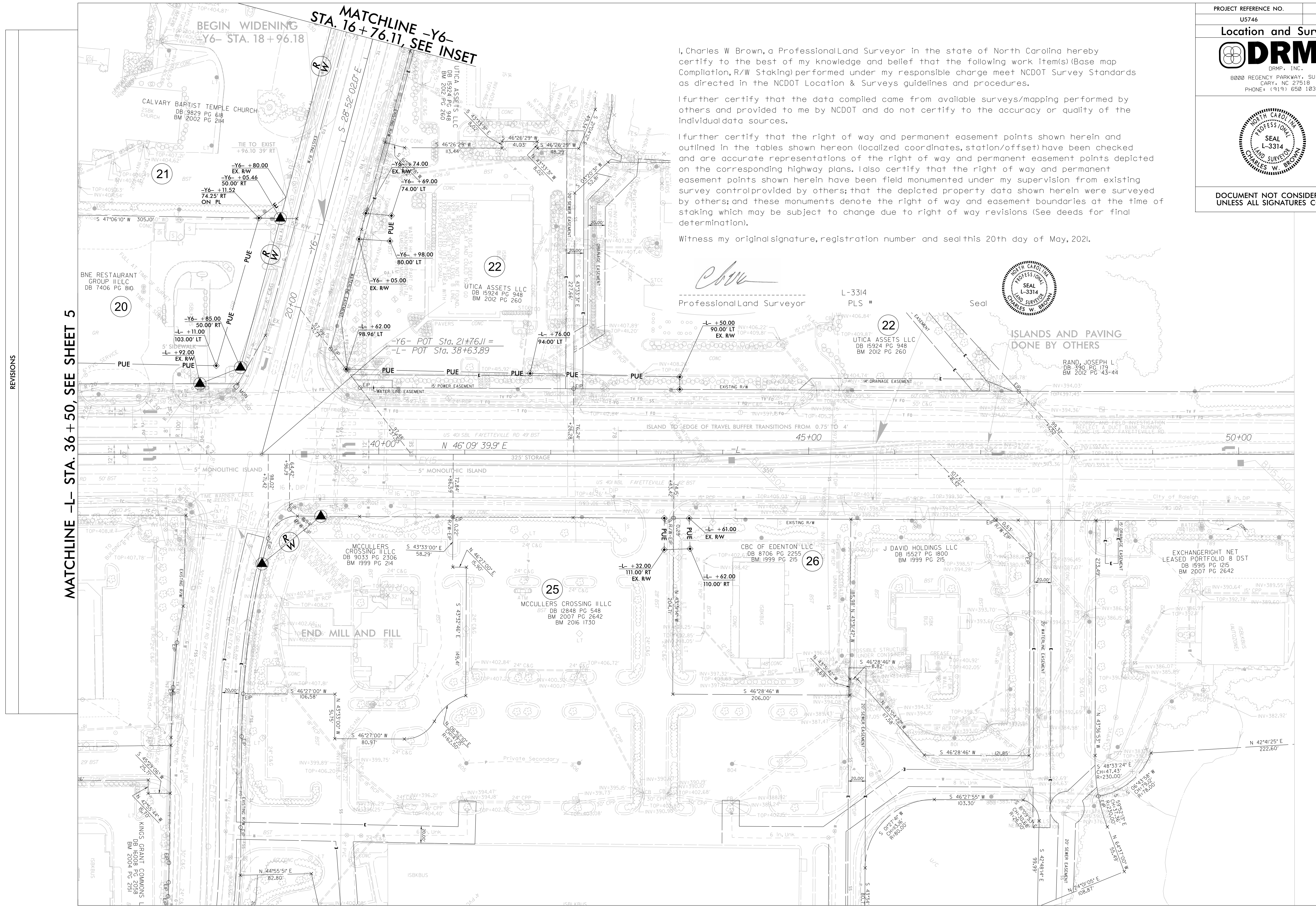
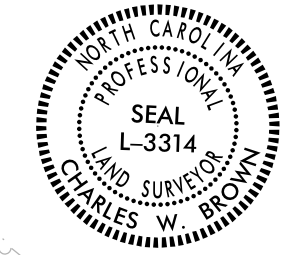
I, Charles W Brown, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 20th day of May, 2021.

Charles W. Brown
Professional Land Surveyor L-3314 PLS # Seal



REVISIONS

MATCHLINE -L- STA. 36 + 50, SEE SHEET 5

BEGIN WIDENING STA. 18 + 96.18
MATCHLINE -Y6- STA. 16 + 76.11, SEE INSET

CALVARY BAPTIST TEMPLE CHURCH
259K CHURCH
DB 9829 PG 618
BM 2002 PG 214

BNE RESTAURANT GROUP HILL CC
DB 7406 PG 810

UTICA ASSETS LLC
DB 15924 PG 948
BM 2012 PG 260

UTICA ASSETS LLC
DB 15924 PG 948
BM 2012 PG 260

UTICA ASSETS LLC
DB 15924 PG 948
BM 2012 PG 260

RAND, JOSEPH L
DB 390 PG 179
BM 2012 PG 43-44

MCCULLERS CROSSING HILL CC
DB 9033 PG 2306
BM 1999 PG 214

MCCULLERS CROSSING HILL CC
DB 12848 PG 548
BM 2007 PG 2642
BM 2016 1730

CBC OF EDENTON LLC
DB 8706 PG 2255
BM 1999 PG 215

J DAVID HOLDINGS LLC
DB 15527 PG 1800
BM 1999 PG 215

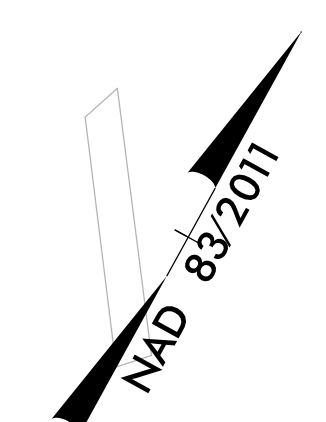
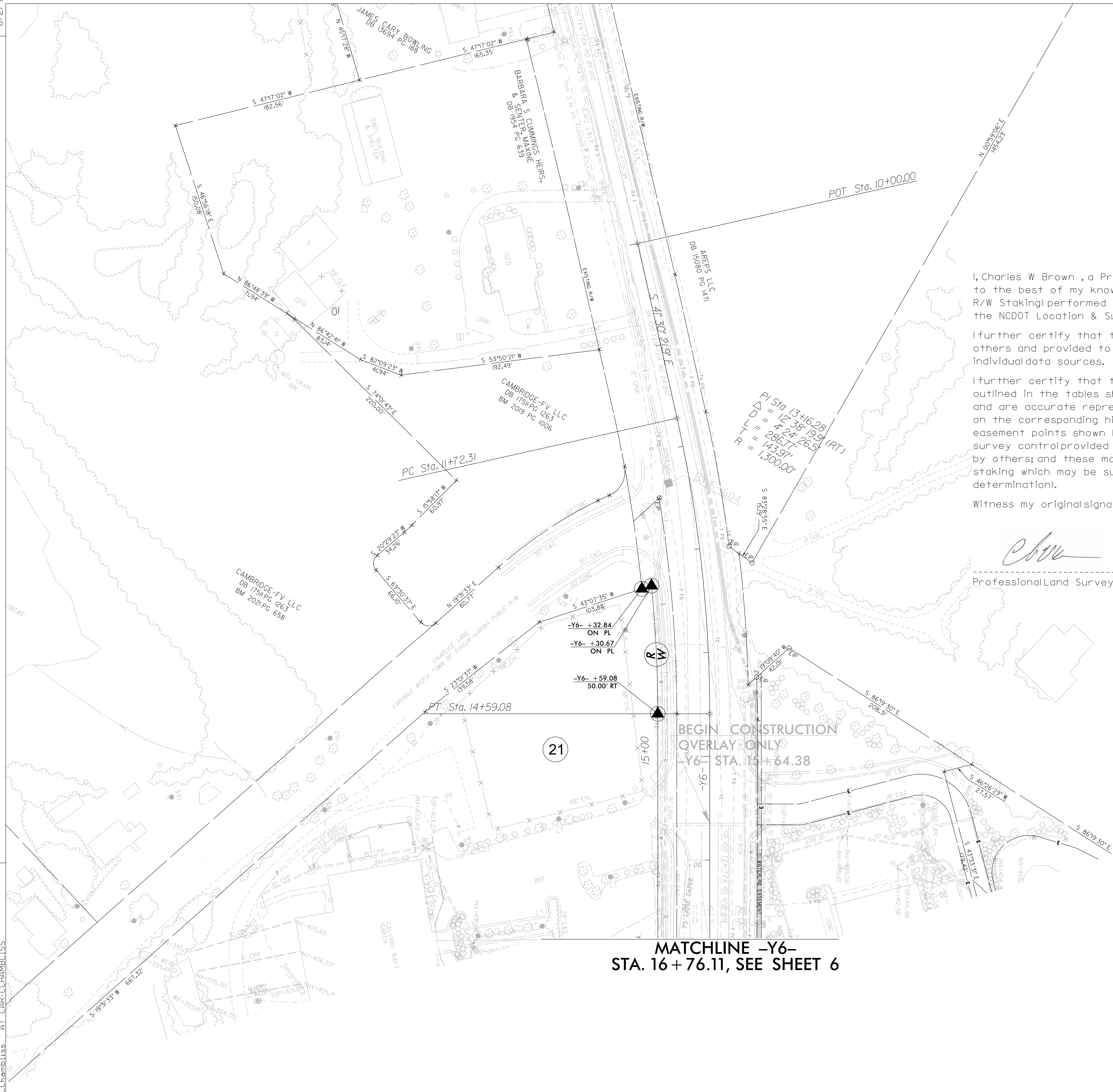
EXCHANGERIGHT NET LEASED PORTFOLIO 8 DST
DB 15915 PG 1215
BM 2007 PG 2642



KINGS GRANT COMMONS L
DB 16008 PG 2058
BM 2004 PG 2181

6/2/09

14-MAY-2021 14:53 P:\PC\0601519\19-0046.026.U-5746.RDW_Staking_33_Location_Survey\03-Survey\12-Working\Apr\12021\Revisions\Working\MSHEETS\U5746.1s.rw06A.dgn

REVISIONS



PROJECT REFERENCE NO. U5746	SHEET NO. rv06A
Location and Surveys	
	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Charles W Brown, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

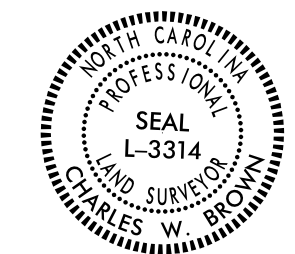
Witness my original signature, registration number and seal this 20th day of May, 2021.

Charles W. Brown

Professional Land Surveyor

L-3314
PLS #

Seal



BEGIN CONSTRUCTION OVERLAY ONLY
-Y6 STA. 15+64.38

MATCHLINE -Y6-
STA. 16+76.11, SEE SHEET 6

TIME WARNER CABLE/CHARTER COM RECORDS INCOMPLETE