6/2/99

REVISIONS

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5021	RW03E-4

ESP ASSOCIATES. INC
211 RACINE DRIVE, SUITE 101
WILMINGTON, NC 28403

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4706 LAND SURVEYOR DONALD E. THOMAS

I , Donald E. Thomas, 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 01/08/2020 to 04/24/2020, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24th day of, April , 2020.

Donald E. Thomas
DocuSigned by:
BA29BA1B5B6444...

Professional Land Surveyor L-4706

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
LREV	374+60.25	150.00	73777.0589	2292057.0740
LREV	375+42.71	-82.08	NOT SET_IN POND	
LREV	379+64.52	115.00	73538.4364	2292502.6916
LREV	379+66.09	85.00	73563.0075	2292519.9747
LREV	380+37.82	-92.61	73675.2440	2292675.1984
LREV	381+70.40	-162.87	73664.2019	2292824.8380
LREV	381+90.70	-145.74	73638.9014	2292832.9130
LREV	385+74.04	-121.11	73409.6729	2293147.5371
LREV	385+96.93	-135.07	73407.3424	2293175.3570
LREV	387+60.30	98.47	73121.8853	2293165.7323
L	394+80.00	95.55	72649.5689	2293691.2052
L	394+80.00	110.00	72639.3417	2293681.0036
L	395+30.00	110.00	72604.4345	2293715.7697
L	395+30.00	106.00	72607.2478	2293718.6133
L	396+00.00	-130.00	72722.3711	2293936.2301
L	398+34.13	106.00	72389.8855	2293925.1086
L	399+14.91	-117.74	72479.7457	2294145.3751
L	399+41.23	-105.00	72451.3281	2294153.6074
L	400+46.00	108.00	72232.2925	2294062.1588
L	401+59.48	-75.00	72264.3587	2294274.9505
L	401+59.48	-105.00	72283.5958	2294297.9707
L	402+14.00	109.00	72105.0206	2294168.0598
L	403+75.00	-75.00	72095.3469	2294412.1113
L	404+00.00	-57.00	72064.3948	2294413.5310
L	404+02.85	111.00	71958.6455	2294282.9587
L	405+51.75	111.00	71842.1960	2294372.1722
L	405+61.00	115.50	71832.2071	2294374.0353
L	405+70.00	-57.00	71928.3161	2294517.5611
L	405+86.50	-75.00	71925.7213	2294541.9400
L	407+07.75	112.75	71717.5287	2294461.5209
L	407+18.50	102.00	71715.2587	2294476.3359
L	407+94.66	-75.76	71754.3919	2294665.6104
L	408+07.17	93.86	71648.8932	2294532.1992
L	408+32.75	-74.50	71721.4491	2294686.2497
L	408+32.75	-57.25	71711.8918	2294671.8882
L	408+50.95	102.17	71608.8036	2294548.9411
L	408+55.25	-73.75	71701.8979	2294698.2774
L	408+55.25	-58.10	71693.3068	2294685.1992
L	408+68.00	-71.00	71689.5193	2294703.0933
L	408+68.00	-73.50	71690.8844	2294705.1868
L	412+70.00	-70.52	71334.9596	2294907.6814
L	416+49.00	97.00	70921.7440	2294909.3656
L	416+53.87	83.72	70922.0608	2294923.5093
L	416+57.54	73.71	70922.2995	2294934.1693
L	416+86.00	111.00	70882.1869	2294909.8508
L	416+96.55	83.70	70882.3383	2294939.1186
L	417+00.42	73.70	70882.3938	2294949.8394
L	417+60.95	73.70	70826.0448	2294971.9544
L	417+60.95	83.70	70822.3915	2294962.6457
L	417+80.95	73.70	70807.4244	2294979.2623
L	417+80.95	83.70	70803.7711	2294969.9535
L	423+15.00	83.70	70306.6398	2295165.0602
L	423+15.00	73.70	70310.2932	2295174.3689
L	423+39.35	73.70	70287.6238	2295183.2659
L	423+39.38	83.70	70283.9408	2295173.9687
L	424+00.00	83.70	70227.5154	2295196.1137
L	426+75.31	75.05	69974.3998	2295304.7484
L	426+90.00	75.00	69960.7399	2295310.1599
L	426+90.00	52.00	69969.1426	2295331.5700
L	428+40.00	-130.00	69896.0024	2295555.7898
L	428+78.00	-55.20	69833.3029	2295500.0456
L	428+78.00	-118.80	69856.5373	2295559.2468
L	430+44.05	39.29	69644.2133	2295472.7513
L	430+44.06	52.00	NOT SET_UNDER BUSHES	

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
YREV	7+64.76	-60.00	84343.2314	2263617.5872
YREV	7+64.76	-29.95	84330.6765	2263590.2829
YREV	7+78.76	-80.00	84336.8244	2263642.3073
YREV	7+80.76	-60.00	84326.9080	2263624.7912
YREV	8+05.76	-83.00	84308.9168	2263656.6224
YREV	8+07.76	-60.00	84298.8862	2263635.8003
YREV	9+02.76	-79.00	84199.8369	2263681.4431
YREV	9+05.76	-65.00	84194.2089	2263668.1877
YREV	9+19.76	-85.00	84181.6625	2263690.3217
YREV	9+25.76	-67.45	84172.6556	2263673.8270
YREV	9+34.77	30.04	84151.4799	2263578.2193
YREV	9+34.77	60.00	84147.9916	2263548.4660
YREV	10+84.55	60.00	84004.8779	2263554.7826
YREV	11+48.76	-108.00	83942.1835	2263723.3551
YREV	11+54.76	-98.00	83936.0935	2263713.4097
YREV	11+67.76	-117.00	83923.2654	2263732.5262
YREV	11+83.76	-85.00	83906.9774	2263700.6718
YREV	15+67.00	100.00	83518.3002	2263521.8185
YREV	15+67.00	69.50	83519.7480	2263552.2866
YREV	16+67.00	100.00	83415.6269	2263528.1768
YREV	32+82.60	234.20	81883.5310	2263490.2188
YREV	32+97.14	236.06	81871.4763	2263485.1986
YREV	34+09.71	247.97	81779.0634	2263446.0774
YREV	37+35.77	254.27	81515.5143	2263332.3447

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
YA	11+78.70	-70.00	81979.2981	2263065.4539
YA	19+69.50	-70.00	81364.6503	2263266.9919

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
YB	15+88.25	-94.07	82729.8042	2264142.0337
YB	15+88.72	-112.25	82738.1998	2264158.1746
YB	16+11.28	-112.25	82711.5848	2264172.0182
YB	16+11.75	-94.03	82703.1731	2264155.8462

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y14A	42+33.25	-197.50	75552.1466	2287914.2647
Y14A	42+39.05	-99.57	75526.1776	2288008.8822
Y14A	42+53.55	116.01	75469.1809	2288217.2961
Y14A	42+61.60	220.50	75441.5206	2288318.3322

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y17	10+52.21	50.48	74593.5404	2290826.9016
Y17	10+54.42	-49.55	74563.8663	2290922.4573

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y17A	10+15.00	-17.50	74508.1095	2291413.5738
Y17A	10+15.42	66.75	74508.5899	2291329.3203

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y19REV	11+32.79	-65.00	73717.2346	2292842.1600
Y19REV	11+32.79	40.00	73749.8357	2292742.3493
Y19REV	11+32.79	30.00	73746.7309	2292751.8551
Y19REV	12+06.17	45.00	73681.6350	2292714.8130

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y22	17+17.00	-96.00	71575.4918	2296432.6687
Y22	17+17.00	-70.00	71582.3103	2296407.5787
Y22	17+30.00	101.00	71615.2847	2296239.2943
Y22	17+36.00	-96.00	71556.2615	2296427.3397
Y22	17+36.00	-70.00	71563.3293	2296402.3188
Y22	21+35.00	-95.00	71168.2348	2296271.3939
Y22	21+35.00	-121.00	71156.1313	2296294.4049
Y22	21+45.00	86.00	71244.0531	2296106.7342
Y22	21+54.00	-121.00	71138.2973	2296284.9109
Y22	21+54.00	-95.00	71150.6291	2296262.0215
Y22	23+58.00	95.00	71075.3149	2295993.8772
Y22	28+85.00	87.00	70649.1864	2295689.6476
Y22	28+98.00	97.00	70644.6936	2295673.8737
Y22	29+03.00	-70.00	70541.2626	2295805.0836
Y22	29+04.00	-113.00	70514.8616	2295839.0392
Y22	29+16.00	86.00	70623.6823	2295671.9971
Y22	29+16.00	97.00	70630.2305	2295663.1585
Y22	29+23.00	-70.00	70525.1924	2295793.1778
Y22	29+24.00	-112.00	70499.3867	2295826.3299
Y22	31+39.55	69.00	70433.9383	2295552.5789
Y22	31+84.00	65.00	70398.7330	2295530.7041
Y22	31+86.13	-92.00	70297.4110	2295650.6520
Y22	32+06.00	-65.00	70297.8227	2295615.5296
Y22	32+06.00	-90.00	70281.2920	2295634.2843
Y22	33+17.00	-95.00	70189.9218	2295544.6052
Y22	33+22.00	-74.68	70202.4892	2295527.6487
Y22	33+60.00	-115.00	70144.0840	2295515.4494
Y22	33+66.00	-90.86	70160.2958	2295496.2319
Y22	35+92.93	-40.00	70104.7579	2295254.8875
Y22	36+20.00	24.96	70155.5616	2295206.1861
Y22	36+20.00	62.00	70190.1002	2295192.8113
Y22	37+28.00	-40.00	70055.9829	2295128.9321
Y22	37+28.00	-25.04	70069.9355	2295123.5291
Y22	37+48.00	-25.04	70062.7133	2295104.8786
Y22	37+48.00	-48.00	70041.3005	2295113.1705
Y22	41+50.00	29.96	69968.8358	2294710.1433
Y22	42+06.45	81.80	69996.7893	2294638.7840
Y22	42+73.00	63.25	69955.4608	2294583.4224
Y22	42+73.00	48.48	69941.6911	2294588.7545
Y22	42+93.00	63.25	69948.2386	2294564.7719
Y22	42+93.00	38.47	69925.1327	2294573.7194
Y22	43+00.00	-30.04	69858.7177	2294591.9315
Y22	43+00.00	-45.00	69844.7652	2294597.3344

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.