OBSTRUCTION TABLE

OBJECT NO.	OBJECT DESCRIPTION	GROUND SURFACE ELEVATION (FT.)	OBJECT TOP ELEVATION (FT.)	PART 77 SURFACE ELEVATION (FT.)	PART 77 CLEARANCE (+ PENETRATE) (- CLEAR)	PART 77 SURFACE VIOLATION	PROPOSED DISPOSITION
36197	TREETOP	161.9	196.9	178.9	18.0	TRANSITIONAL	TRIM
36200	TREETOP	162.8	200.4	187.7	12.7	TRANSITIONAL	TRIM
36201	TREETOP	165.5	218.8	197.1	21.7	TRANSITIONAL	TRIM
36202	TREETOP	160.4	214.6	210.1	4.5	TRANSITIONAL	TRIM
36278	FENCE_SPOT_HEIGHT	168.3	180.6	177.7	2.9	TRANSITIONAL	MARK AND LIGHT
36872	TREETOP	278.8	363.9	342.2	21.7	INNER HORIZONTAL	TRIM
36873	TREETOP	274.7	360.5	342.2	18.3	INNER HORIZONTAL	TRIM
36908	TREETOP	266.6	343.7	342.2	1.5	INNER HORIZONTAL	TRIM
36950	TREETOP	266.9	357.0	342.2	14.8	INNER HORIZONTAL	TRIM
37169	TREETOP	222.4	343.5	342.2	1.3	INNER HORIZONTAL	TRIM
37174	TREETOP	263.2	348.6	342.2	6.4	INNER HORIZONTAL	TRIM
37262	TREETOP	252.3	347.3	342.2	5.1	INNER HORIZONTAL	TRIM
37279	TREETOP	160.1	208.9	192.3	16.6	TRANSITIONAL	TRIM
37280	TREETOP	161.9	202.4	193.0	9.5	TRANSITIONAL	TRIM
37281	TREETOP	165.1	193.4	193.1	0.3	TRANSITIONAL	TRIM
37282	TREETOP	104.8	188.7	186.3	2.4	TRANSITIONAL	TRIM
37283	TREETOP	104.9	204.6	203.2	1.4	TRANSITIONAL	TRIM
37287	TREETOP	111.9	210.1	202.6	7.5	TRANSITIONAL	TRIM
37641	TREETOP	254.2	353.3	342.2	11.1	INNER HORIZONTAL	TRIM
38697	CRANE_BOOM	262.2	373.0	361.2	11.8	CONICAL	MARK AND LIGHT
38739	TREETOP	255.7	359.4	342.2	17.2	INNER HORIZONTAL	TRIM
38823	TREETOP	300.4	360.0	342.2	17.8	INNER HORIZONTAL	TRIM
38893	TREETOP	294.5	353.3	342.2	11.1	INNER HORIZONTAL	TRIM
38953	TWR	199.1	374.9	342.2	32.7	INNER HORIZONTAL	MARK AND LIGHT
38955	TWR	207.1	380.9	342.2	38.7	INNER HORIZONTAL	MARK AND LIGHT
38956	TWR	207.8	384.4	342.2	42.2	INNER HORIZONTAL	MARK AND LIGHT
38957	TWR	201.1	375.6	342.2	33.4	INNER HORIZONTAL	MARK AND LIGHT
38958	TWR	195.2	370.2	342.2	28.0	INNER HORIZONTAL	MARK AND LIGHT
39080	TREETOP	305.6	355.0	342.2	12.8	INNER HORIZONTAL	TRIM
39100	TREETOP	260.6	354.9	342.2	12.7	INNER HORIZONTAL	TRIM
39106	UTILITY_TRANSMISSION_LINE	236.7	358.0	342.2	15.8	INNER HORIZONTAL	MARK AND LIGHT
39108	UTILITY_TRANSMISSION_LINE	241.7	356.0	342.2	13.8	INNER HORIZONTAL	MARK AND LIGHT
39110	UTILITY_TRANSMISSION_LINE	252.4	364.7	342.2	22.5	INNER HORIZONTAL	MARK AND LIGHT
39111	UTILITY_TRANSMISSION_LINE	263.2	372.0	345.5	26.5	CONICAL	MARK AND LIGHT
39113	TREETOP	247.3	343.7	342.2	1.5	INNER HORIZONTAL	TRIM
39117	BLDG_PEAK_ELEV	239.6	365.5	342.2	23.3	INNER HORIZONTAL	MARK AND LIGHT
39522	TREETOP	272.1	342.5	342.2	0.3	INNER HORIZONTAL	TRIM
39726	TREETOP	245.9	342.7	342.2	0.5	INNER HORIZONTAL	TRIM
39780	TREETOP	264.5	352.3	342.2	10.1	INNER HORIZONTAL	TRIM
39882	TREETOP	254.3	343.0	342.2	0.8	INNER HORIZONTAL	TRIM
40034	TREETOP	241.8	345.9	342.2	3.7	INNER HORIZONTAL	TRIM
40358	TREETOP	251.3	343.2	342.2	1.0	INNER HORIZONTAL	TRIM
40360	TREETOP	258.8	351.3	342.2	9.1	INNER HORIZONTAL	TRIM
40363	TREETOP	243.9	342.8	342.2	0.6	INNER HORIZONTAL	TRIM
40384	TREETOP	272.9	346.3	342.2	4.1	INNER HORIZONTAL	TRIM
40482	TREETOP	282.0	344.1	342.2	1.9	INNER HORIZONTAL	TRIM
40517	TREETOP	280.7	352.8	342.2	10.6	INNER HORIZONTAL	TRIM
40696	UTILITY_TRANSMISSION_LINE	222.2	345.2	342.2	3.0	INNER HORIZONTAL	MARK AND LIGHT
40729	TREETOP	262.3	356.2	342.2	14.0	INNER HORIZONTAL	TRIM
40817	TEMPORARY_CRANE_BOOM	213.2	370.9	342.2	28.7	INNER HORIZONTAL	MARK AND LIGHT
40818	TREETOP	254.1	347.5	345.1	2.4	CONICAL	TRIM
40876	TREETOP	295.1	369.6	342.2	27.4	INNER HORIZONTAL	TRIM
40974	TREETOP	269.6	347.8	342.2	5.6	INNER HORIZONTAL	TRIM
40976	TREETOP	261.8	345.4	342.2	3.2	INNER HORIZONTAL	TRIM
41153	TREETOP	257.7	344.6	342.2	2.4	INNER HORIZONTAL	TRIM
41213	TREETOP	264.5	344.1	342.2	1.9	INNER HORIZONTAL	TRIM
41218	TREETOP	225.9	342.6	342.2	0.4	INNER HORIZONTAL	TRIM
41263	TREETOP	242.1	346.2	342.2	4.0	INNER HORIZONTAL	TRIM
41544	TREETOP	275.4	352.1	342.2	9.9	INNER HORIZONTAL	TRIM
41569	TREETOP	290.1	343.7	342.2	1.5	INNER HORIZONTAL	TRIM
41608	TREETOP	305.9	359.3	342.2	17.1	INNER HORIZONTAL	TRIM
41655	UTILITY_ON_BLDG	315.6	353.0	342.2	10.8	INNER HORIZONTAL	MARK AND LIGHT
41656	BLDG_PEAK_ELEV	318.0	351.9	342.2	9.7	INNER HORIZONTAL	MARK AND LIGHT
41659	BLDG_PEAK_ELEV	313.8	346.2	342.2	4.0	INNER HORIZONTAL	MARK AND LIGHT
41682	BLDG_PEAK_ELEV	319.8	353.1	342.2	10.9	INNER HORIZONTAL	MARK AND LIGHT
41763	UTILITY_POLE	299.1	356.0	342.2	13.8	INNER HORIZONTAL	MARK AND LIGHT
41767	UTILITY_POLE	307.5	355.8	342.2	13.6	INNER HORIZONTAL	MARK AND LIGHT
41768	UTILITY_POLE	304.9	353.5	342.2	11.3	INNER HORIZONTAL	MARK AND LIGHT

1. OBSTRUCTION SURVEY COMPLETED BY MARTINEZ GEOSPATIAL SEPTEMBER 2, 2021.
2. USGS QUADRANGLE BASE MAPS DATED 2016 AND 2019.
3. SEE INNER APPROACH PLAN AND PROFILE SHEETS FOR ADDITIONAL OBSTRUCTIONS.

OBSTRUCTION TABLE

OBJECT NO.	OBJECT DESCRIPTION	GROUND SURFACE ELEVATION (FT.)	OBJECT TOP ELEVATION (FT.)	PART 77 SURFACE ELEVATION (FT.)	PART 77 CLEARANCE (+ PENETRATE) (- CLEAR)	PART 77 SURFACE VIOLATION	PROPOSED DISPOSITION
41771	UTILITY_POLE	307.4	343.3	342.2	1.1	INNER HORIZONTAL	MARK AND LIGHT
41801	FLGPL	289.3	350.5	342.2	8.3	INNER HORIZONTAL	MARK AND LIGHT
41804	UTILITY_ON_BLDG	319.8	353.8	350.0	3.8	CONICAL	MARK AND LIGHT
42259	TREETOP	306.0	343.6	342.2	1.4	INNER HORIZONTAL	TRIM
42271	TREETOP	298.7	347.4	342.2	5.2	INNER HORIZONTAL	TRIM
42364	TREETOP	278.2	370.4	363.9	6.5	CONICAL	TRIM
42374	CRANE_BOOM	247.3	412.5	342.2	70.3	INNER HORIZONTAL	MARK AND LIGHT
42375	TREETOP	273.9	355.9	355.7	0.2	CONICAL	TRIM
42386	UTILITY_ON_BLDG	316.1	350.6	347.0	3.6	CONICAL	MARK AND LIGHT
42392	UTILITY_ON_BLDG	314.4	346.6	343.3	3.3	CONICAL	MARK AND LIGHT
44275	TREETOP	248.7	342.8	342.2	0.6	INNER HORIZONTAL	TRIM
44279	TREETOP	259.3	346.6	342.2	4.4	INNER HORIZONTAL	TRIM
44295	TREETOP	269.3	345.9	342.2	3.7	INNER HORIZONTAL	TRIM
44302	TREETOP	271.3	344.1	342.2	1.9	INNER HORIZONTAL	TRIM
44337	TREETOP	264.4	355.5	342.2	13.3	INNER HORIZONTAL	TRIM
44338	TREETOP	269.8	345.3	342.2	3.1	INNER HORIZONTAL	TRIM
44358	TREETOP	272.8	358.7	342.2	16.5	INNER HORIZONTAL	TRIM
44372	TREETOP	272.8	343.7	342.2	1.5	INNER HORIZONTAL	TRIM
44447	TREETOP	244.7	352.6	342.2	10.4	INNER HORIZONTAL	TRIM
44448	TREETOP	266.6	348.3	342.2	6.1	INNER HORIZONTAL	TRIM
44452	TREETOP	270.4	342.3	342.2	0.1	INNER HORIZONTAL	TRIM
44455	TREETOP	247.7	343.3	342.2	1.1	INNER HORIZONTAL	TRIM
44461	TREETOP	248.9	342.9	342.2	0.7	INNER HORIZONTAL	TRIM
44464	TREETOP	245.2	345.6	342.2	3.4	INNER HORIZONTAL	TRIM
44571	TREETOP	262.7	346.8	342.2	4.6	INNER HORIZONTAL	TRIM
44575	TREETOP	264.5	343.4	342.2	1.2	INNER HORIZONTAL	TRIM
44652	TREETOP	270.7	373.4	370.1	3.3	CONICAL	TRIM
44659	TREETOP	275.4	361.7	361.3	0.4	CONICAL	TRIM
44661	TREETOP	276.5	374.5	361.5	13.0	CONICAL	TRIM
44750	TREETOP	268.4	357.7	342.2	15.5	INNER HORIZONTAL	TRIM
44823	TREETOP	308.0	344.4	342.2	2.2	INNER HORIZONTAL	TRIM
45082	UTILITY_TRANSMISSION_LINE	229.9	343.2	342.2	1.0	INNER HORIZONTAL	MARK AND LIGHT
45085	TREETOP	256.2	345.5	342.2	3.3	INNER HORIZONTAL	TRIM
45095	TREETOP	260.3	343.0	342.2	0.8	INNER HORIZONTAL	TRIM
45115	TREETOP	262.2	345.7	342.2	3.5	INNER HORIZONTAL	TRIM
45440	TREETOP	268.7	348.1	342.2	5.9	INNER HORIZONTAL	TRIM
45624	TREETOP	272.4	350.3	342.2	8.1	INNER HORIZONTAL	TRIM
45626	TREETOP	271.5	363.5	342.2	21.3	INNER HORIZONTAL	TRIM
45671	TREETOP	251.2	342.6	342.2	0.4	INNER HORIZONTAL	TRIM
45829	TREETOP	259.3	344.3	342.2	2.1	INNER HORIZONTAL	TRIM
45888	TREETOP	285.7	373.2	370.6	2.6	CONICAL	TRIM
45893	TREETOP	272.7	365.4	360.4	5.0	CONICAL	TRIM
45896	TREETOP	295.7	382.2	380.2	2.0	CONICAL	TRIM
45936	TREETOP	251.7	347.2	342.2	5.0	INNER HORIZONTAL	TRIM
45953	TREETOP	295.2	372.5	342.2	30.3	INNER HORIZONTAL	TRIM
46047	TREETOP	288.4	347.4	342.2	5.2	INNER HORIZONTAL	TRIM
46101	TREETOP	299.5	352.5	342.2	10.3	INNER HORIZONTAL	TRIM
46219	TREETOP	256.0	343.5	342.2	1.3	INNER HORIZONTAL	TRIM
46271	UTILITY_ON_BLDG	301.4	352.4	342.2	10.2	INNER HORIZONTAL	MARK AND LIGHT
46273	UTILITY_TRANSMISSION_LINE	299.4	348.8	342.2	6.6	INNER HORIZONTAL	MARK AND LIGHT
46397	TREETOP	305.8	373.8	372.8	1.0	CONICAL	TRIM
47905	TREETOP	263.7	349.0	342.2	6.8	INNER HORIZONTAL	TRIM
48266	TREETOP	245.1	343.8	342.2	1.6	INNER HORIZONTAL	TRIM
48854	TREETOP	230.8	343.5	342.2	1.3	INNER HORIZONTAL	TRIM
139114	TWR	260.0	395.2	370.1	25.1	CONICAL	MARK AND LIGHT
140491	TREETOP	262.0	343.7	342.2	1.5	INNER HORIZONTAL	TRIM
140514	TREETOP	268.0	349.0	342.2	6.8	INNER HORIZONTAL	TRIM
144451	TREETOP	274.0	354.4	342.2	12.2	INNER HORIZONTAL	TRIM
146062	TREETOP	299.0	345.5	342.2	3.3	INNER HORIZONTAL	TRIM
51021503	CRANE	259.0	356.0	353.0	3.0	CONICAL	MARK AND LIGHT
51021504	CRANE	262.0	374.0	369.2	4.8	CONICAL	MARK AND LIGHT

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RS&H

Reynolds,Smith and Hills Inc.

2600 Park Tower Dr, Suite 101
Vienna, Virginia 22180
703-549-2472
www.rsandh.com
Virgina Registration Nos. 0407-003171 * 0411-00438

MANASSAS REGIONAL AIRPORT

MANASSAS, VIRGINIA

AIRPORT LAYOUT PLAN

CONSULTANTS

REVISIONS

NO.	DESCRIPTION	DATE

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DESIGNED BY: TJM, GB

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SHEET TITLE

AIRPORT AIRSPACE AND CONICAL SURFACE OBSTRUCTION TABLE

SHEET NUMBER

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