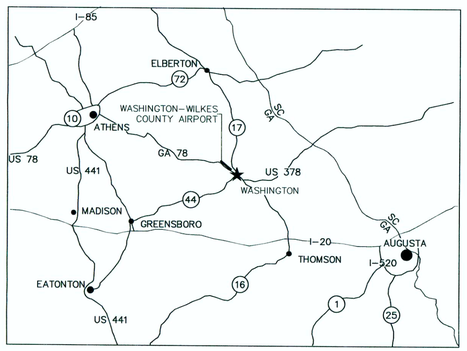
AIRPORT LAYOUT PLAN UPDATE
FOR THE
WASHINGTON - WILKES COUNTY AIRPORT

351 AIRPORT ROAD
WASHINGTON, GA 30673
GDOT PROJECT NO: AP013-9019-16(317) WILKES



LOCATION MAP

SCALE: NTS.

INDEX OF DRAWINGS	
DRAWING NUMBER	DRAWING TITLE
01.01	COVER SHEET
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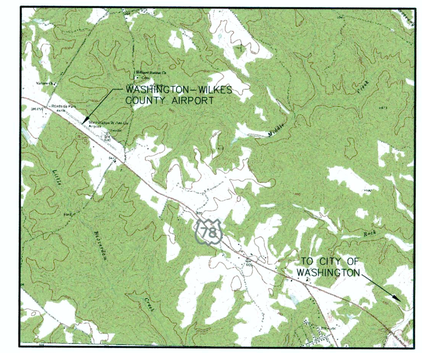
03.01	AIRSPACE PLAN
03.02	APPROACH PROFILES
03.03	OBSTRUCTION TABLES
04.01	INNER APPROACH RUNWAY 13 PLAN AND PROFILE
05.01	INNER APPROACH RUNWAY 31 PLAN AND PROFILE
06.01	AIRPORT PROPERTY MAP



VICINITY MAP

SCALE: NTS.

WILKES COUNTY, GEORGIA

JULY 2014

WK DICKSON
community infrastructure consultants

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community infrastructure consultants
Transportation + Water Resources
Urban Development + Geomatics
2120 Powers Ferry Road
Suite 100
Atlanta, Georgia 30339
(v) 770.955.5574
(f) 770.955.0338
www.wkdickson.com
GA. LICENSE NO. 56-0486717

PLAN SET RELEASE CONTROL DATA

SET NUMBER

DATE RELEASED

2" = FULL SCALE
1" = HALF SCALE

MARK	DATE	DESCRIPTION

REVISIONS:

RELEASED FOR:
NOT FOR PUBLIC USE OR CONSTRUCTION

PLOT DATE: 7/18/2014

PROJECT NAME:
AIRPORT LAYOUT PLAN UPDATE
FOR THE
WASHINGTON - WILKES COUNTY AIRPORT

DRAWING TITLE:
COVER SHEET

OWNER / 24 HR CONTACT:
ADDRESS:
PHONE:
MOBILE:

PROJ. DATE:	AUG 2012
Q.C.:	RW
Q.C. DATE:	07/31/12

DRAWING NUMBER:
01.01

PROJ. NO.:
20120115.00.AT

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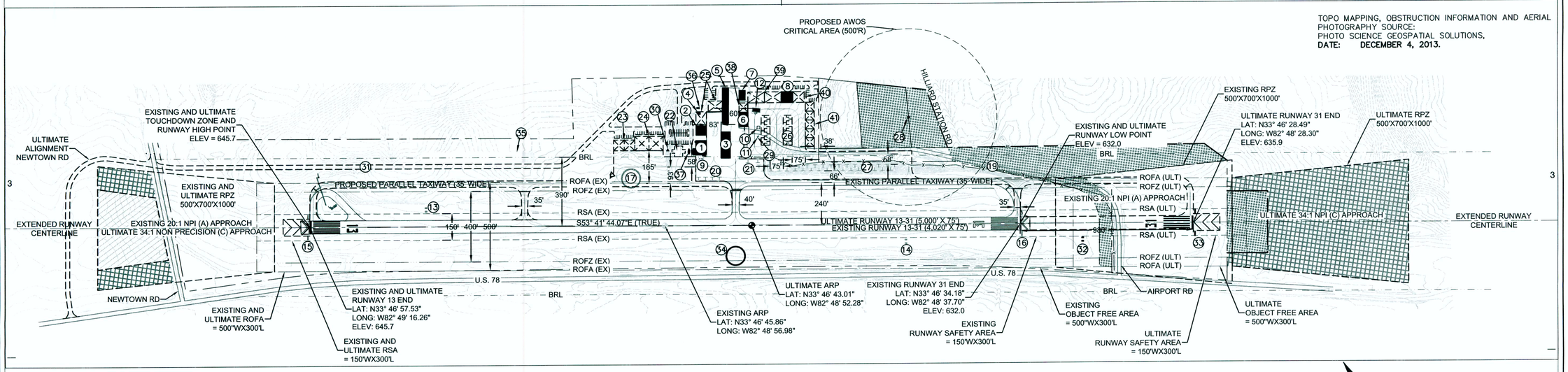
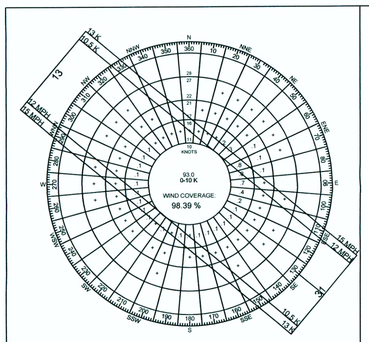
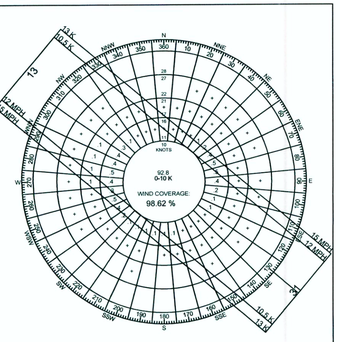




INSTRUMENT FLIGHT WEATHER CONDITIONS

12 MPH (10.5 K) CROSSWIND COVERAGE = 96.47%
15 MPH (13 K) CROSSWIND COVERAGE = 98.39%



ALL WEATHER CONDITIONS

12 MPH (10.5 K) CROSSWIND COVERAGE = 96.82%
15 MPH (13 K) CROSSWIND COVERAGE = 98.62%

WASHINGTON-WILKES COUNTY AIRPORT WIND ROSE

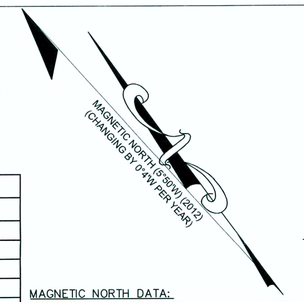
DATA SOURCE: NOAA NATIONAL CLIMATIC DATA CENTER (NCDC)
STATION: ATHENS/BEN EPPS AIRPORT ATHENS, GA
PERIOD COVERED 2005-2014

LEGEND

EXISTING	ULTIMATE	DESCRIPTION
		PAVEMENT
		BUILDINGS
		PROPERTY LINE
		EASEMENT
RSA (EX)	RSA (ULT)	RUNWAY SAFETY AREA
ROFA (EX)	ROFA (ULT)	RUNWAY OBJECT FREE AREA
ROFZ (EX)	ROFZ (ULT)	RUNWAY OBJECT FREE ZONE
		EXTENDED RUNWAY CENTERLINE
BRL		PROPOSED BUILDING RESTRICTION LINE
		AIRPORT REFERENCE POINT (ARP)

NOTES:

1. BUILDING RESTRICTION LINE (BRL) ELEVATION IS 20' ABOVE RUNWAY ELEVATION.
2. THE RUNWAY DESIGNATION IS NOT ANTICIPATED TO CHANGE DURING THE PLANNING PERIOD THROUGH 2032.
3. BASED ON THE SURVEY DATA PROVIDED, THE AIRPORT SPONSOR IS UNAWARE OF ANY OBSTRUCTIONS TO THE TSS FOR THE RUNWAY AS DETAILED IN ROW 4 OF TABLE 3-2, AC 150/5300-13A, CHANGE 1.
4. HORIZONTAL DATUM: NAD83; VERTICAL DATUM: NAVD88



MAGNETIC NORTH DATA:
NOAA NATIONAL GEOPHYSICAL DATA CENTER
JULY, 2012

AIRPORT DATA TABLE

AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	645.7'	645.7'
AIRPORT REFERENCE POINT (NAD 83)		
LATITUDE	33° 46' 45.86"	33° 46' 43.01"
LONGITUDE	82° 48' 56.98"	82° 48' 52.28"
MEAN MAX. TEMP. (HOTTEST MONTH)	88°	88°
RUNWAY LIGHTING	MIRL	MIRL
LOCATION IDENTIFIER	IIY	IIY
TERMINAL NAVAIDS	BEACON, VOR, NDB, GPS, PAPI, AWOS	BEACON, NDB, GPS, PAPI, AWOS
CRITICAL DESIGN AIRCRAFT	(B-II) CESSNA CITATION 560 XLS (16,830 LBS)	(B-II) CESSNA CITATION 560 XLS (16,830 LBS)
TAXIWAY	35' W	35' W
TAXIWAY LIGHTING	MITL	MITL

AIRPORT BUILDING/FACILITY LIST

No.		DESCRIPTION
1	EXISTING	HANGAR (60'x80') - TO REMAIN
2	EXISTING	HANGAR (50'x55') - TO REMAIN
3	EXISTING	T-HANGAR BUILDING (6 UNITS) - TO REMAIN
4	EXISTING	ELECTRICAL VAULT - TO BE RELOCATED
5	EXISTING	HANGAR (35'x200' - 5 UNITS) - TO REMAIN
6	EXISTING	HANGAR (50'x80') - TO REMAIN
7	EXISTING	HANGAR (35'x55') - TO REMAIN
8	EXISTING	HANGAR (60'x65') - TO REMAIN
9	EXISTING	FUEL FARM - TO BE RELOCATED
10	EXISTING	ROTATING BEACON - TO BE RELOCATED
11	EXISTING	AWOS - TO BE RELOCATED
12	EXISTING	HOUSE (25'X45') - TO BE REMOVED
13	EXISTING	PAPI-2 - TO REMAIN
14	EXISTING	PAPI-2 - TO BE RELOCATED
15	EXISTING	THRESHOLD LIGHTS - TO REMAIN
16	EXISTING	THRESHOLD LIGHTS - TO BE RELOCATED
17	EXISTING	SEGMENTED CIRCLE & WIND CONE - TO BE RELOCATED
19	EXISTING	AIRPORT RD - TO BE RELOCATED
20	EXISTING	TIE DOWNS - TO BE REMOVED
21	EXISTING	TIE DOWNS - TO BE REMOVED
22	PROPOSED	TERMINAL BUILDING
23	PROPOSED	CORPORATE HANGARS (60'x60' EA) AND APRON
24	PROPOSED	CORPORATE HANGARS (80'x80' EA) AND APRON
25	PROPOSED	CORPORATE HANGARS (60'x80' EA)
26	PROPOSED	T-HANGAR BUILDINGS (7 UNITS EACH)
27	PROPOSED	TIE DOWN APRON (175'x500')
28	PROPOSED	RELOCATED AWOS
29	EXISTING	RELOCATED GEORGIA FORESTRY SERVICE WEATHER STATION
30	PROPOSED	RELOCATED ROTATING BEACON
31	PROPOSED	AIRPORT RD
32	PROPOSED	PAPI-2
33	PROPOSED	THRESHOLD LIGHTS
34	PROPOSED	RELOCATED SEGMENTED CIRCLE AND WIND CONE
35	PROPOSED	STORMWATER DETENTION
36	PROPOSED	RELOCATED ELECTRICAL VAULT
37	PROPOSED	RELOCATED FUEL FARM
38	PROPOSED	CORPORATE HANGAR (50'x50') AND APRON
39	PROPOSED	CORPORATE HANGARS (60'x90' EA) AND APRON
40	PROPOSED	CORPORATE HANGAR (60'x60') AND APRON
41	PROPOSED	CORPORATE HANGARS (50'x50' EA) AND APRON

RUNWAY 13-31 DATA TABLE

	EXISTING		ULTIMATE	
RUNWAY DIMENSIONS	4,020' L x 75' W		5,000' L x 75' W	
RDC	B-II		B-II	
ARC / CRITICAL AIRCRAFT	CESSNA CITATION 560 XLS		CESSNA CITATION 560 XLS	
PAVEMENT TYPE	ASPHALT		ASPHALT	
PAVEMENT STRENGTH	30,000 LBS. SINGLE, 45,000 LBS. DUAL (ESTIMATED)		30,000 LBS. SINGLE, 45,000 LBS. DUAL (ESTIMATED)	
EFFECTIVE RUNWAY GRADIENT	-0.30%		0.30%	
RW SAFETY AREA WIDTH	150'		150'	
RW SAFETY AREA LENGTH BEYOND RUNWAY END	300'		300'	
RW OBJECT FREE AREA WIDTH	500'		500'	
RW OBJECT FREE AREA LENGTH BEYOND RUNWAY END	300'		300'	
OBSTACLE FREE ZONE WIDTH	400'		400'	
OBSTACLE FREE ZONE LENGTH BEYOND RUNWAY END	200'		200'	
DISTANCE FROM RUNWAY CL TO HOLD POSITION	206'		200'	
RUNWAY LIGHTING	MIRL		MIRL	
	13	31	13	31
TYPE INSTRUMENT APPROACH	VOR-A, NDB, GPS	VISUAL	VOR-A, NDB, GPS	VOR-A, GPS
VISUAL AIDS	PAPI-2	PAPI-2	PAPI-2	PAPI-2
PART 77 APPROACH CATEGORY	NON-PRECISION (A)	NON-PRECISION (A)	NON-PRECISION (C)	NON PRECISION (C)
PART 77 APPROACH SLOPE	20:1	20:1	34:1	34:1
RUNWAY MARKING	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
RUNWAY END COORDINATES: LATITUDE	33°46'57.53" N	33°46'34.18" N	33°46'57.53" N	33°46'28.49" N
RUNWAY END COORDINATES: LONGITUDE	82°49'16.26" W	82°48'37.70" W	82°49'16.26" W	82°48'28.30" W
APPROACH VISIBILITY	1 ½ MILE	1 ½ MILE	1 MILE	1 MILE
RUNWAY END ELEVATION	645.7'	632.0'	645.7'	635.9'

DECLARED DISTANCES

	EXISTING		ULTIMATE	
	13	31	13	31
TAKEOFF RUN AVAILABLE (TORA)	4020	4020	5000	5000
TAKEOFF DISTANCE AVAILABLE (TODA)	4020	4020	5000	5000
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	4020	4020	5000	5000
LANDING DISTANCE AVAILABLE (LDA)	4020	4020	5000	5000

CONDITIONALLY APPROVED
FAA STATE BLOCK GRANT PROGRAM
APPROVAL SUBJECT TO COMMENTS IN APPROVAL LETTER
APPROVING OFFICIAL: INTERMODAL PROGRAMS – AVIATION
GEORGIA DEPARTMENT OF TRANSPORTATION
DATE: 11/6/15

THE PREPARATION OF THIS DOCUMENT WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

CONSTRUCTION NOTICE REQUIREMENT

TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

SPONSOR APPROVAL BLOCK

REVIEWED BY	REVIEW DATE	SIGNED
David Tyler	10/30/15	David Tyler

WK DICKSON
community infrastructure consultants
Transportation + Water Resources
Urban Development + Geomatics
2120 Powers Ferry Road
Suite 100
Atlanta, Georgia 30339
(v) 770.955.5574
(f) 770.955.0338
www.wkdickson.com
GA. LICENSE NO. 56-0486717

GSWCC#

PROFESSIONAL SEAL

FULL SCALE: 1"=300
0 300 600
2" = FULL SCALE
1" = HALF SCALE

MARK	DATE	DESCRIPTION
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REVISIONS:
RELEASED FOR:
NOT FOR PUBLIC USE OR CONSTRUCTION

PLOT DATE: 10/14/2015

PROJECT NAME: AIRPORT LAYOUT PLAN UPDATE FOR THE WASHINGTON - WILKES COUNTY AIRPORT
DRAWING TITLE: AIRPORT LAYOUT PLAN
OWNER / 24 HR CONTACT: ---
ADDRESS: ---
PHONE: ---
MOBILE: ---

PROJ. DATE: MAY 2012
Q.C.: RWL
Q.C. DATE: MAY 2012

DRAWING NUMBER:
02.01

PROJ. NO.: 20120115.00.AT

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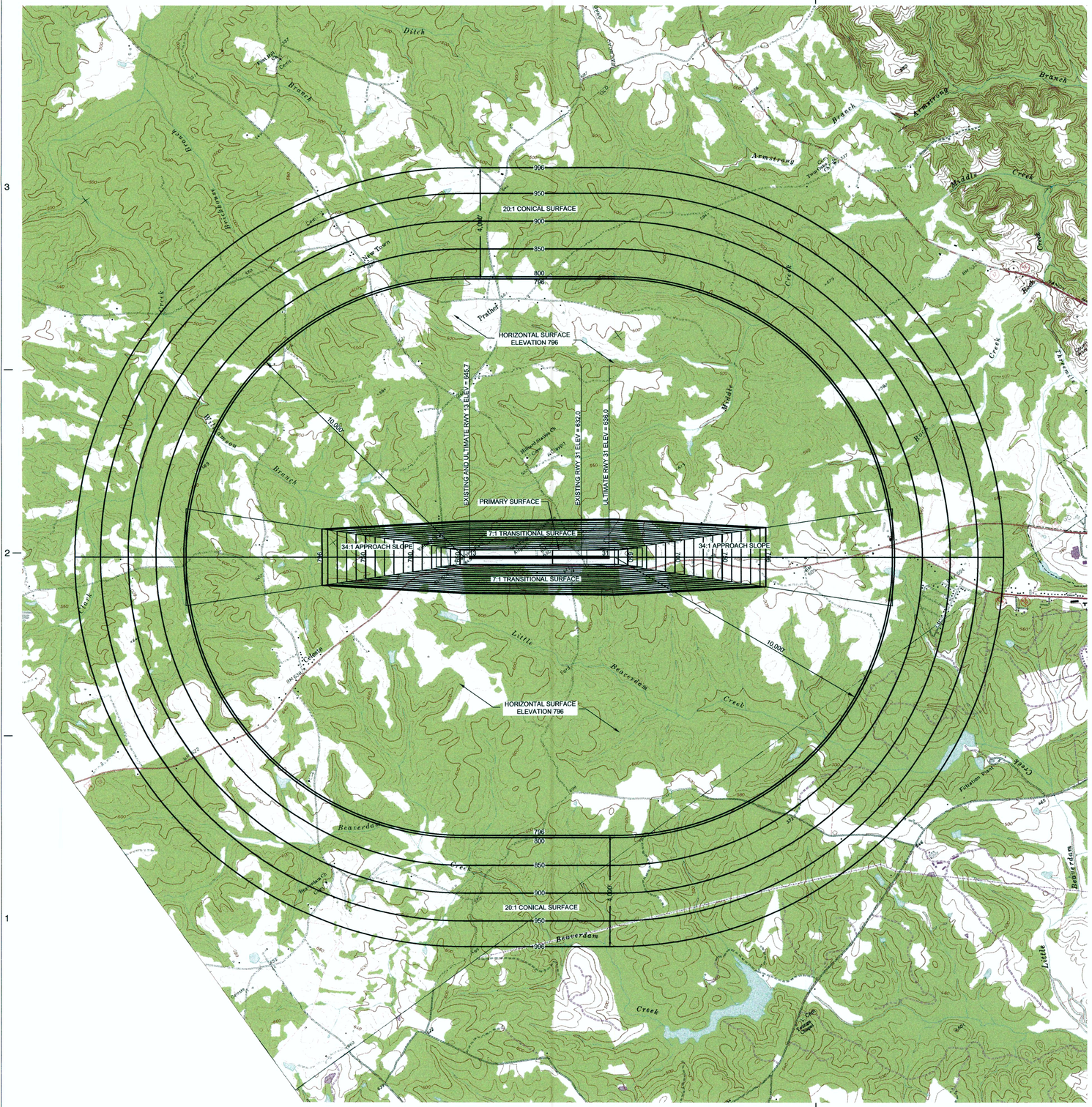
FILE NAME: J:\Projects\Washington-Wilkes\2012011500AT - IIY Airport Layout Plan Update 2012\CADD\Plan Set\02.01 AIRPORT LAYOUT PLAN.dwg -##### - October 14, 2015 - Jamilie Rader



NOTES:

1. SEE SHEET 3.03 FOR OBSTRUCTION DATA TABLES FOR THE OBSTRUCTIONS NOT SHOWN IN THE INNER APPROACH PROFILES.
2. REFER TO THE INNER APPROACH PROFILES PLAN VIEW FOR CLOSE-IN OBSTRUCTIONS.
3. MAPPING AND OBSTRUCTION INFORMATION:
PHOTO SCIENCE, GEOSPATIAL SOLUTIONS, DATE: DECEMBER 4, 2013

1:2000

WK DICKSON
community infrastructure consultants
Transportation + Water Resources
Urban Development + Geomatics
2120 Powers Ferry Road
Suite 100
Atlanta, Georgia 30339
(v) 770.955.5574
(f) 770.955.0338
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2000 2000 4000
2" = FULL SCALE
1" = HALF SCALE

MARK	DATE	DESCRIPTION

REVISIONS:

RELEASED FOR:
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PLOT DATE:
7/18/2014

PROJECT NAME:
AIRPORT LAYOUT PLAN UPDATE FOR THE
WASHINGTON - WILKES COUNTY AIRPORT

DRAWING TITLE:
AIRSPACE PLAN

OWNER / 24 HR CONTACT:
ADDRESS:
PHONE:
MOBILE:

PROJ. DATE: AUG 2012
Q.C.: RW
Q.C. DATE: 07/31/12

DRAWING NUMBER:
03.01

PROJ. N0.:
20120115.00.AT

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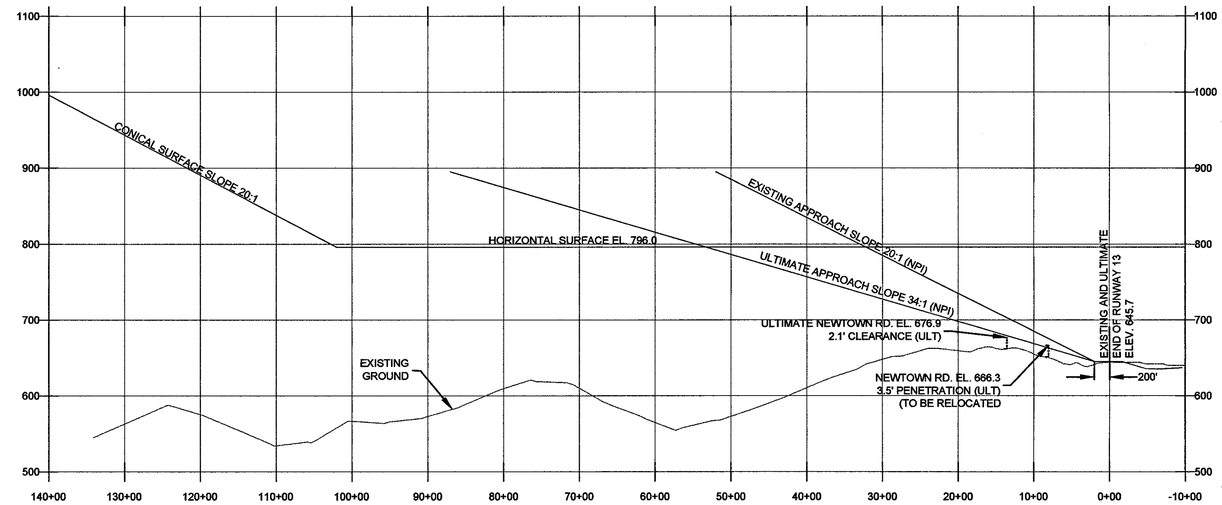
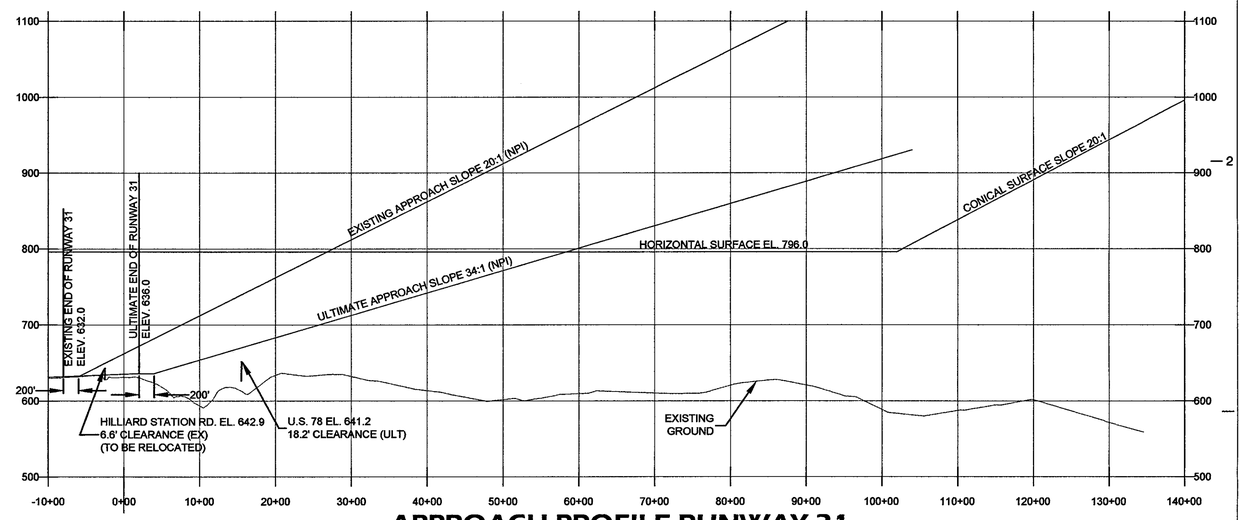


APPROACH PROFILE RUNWAY 13

SCALE: HOR 1"=1000'; VERT 1"=100'



APPROACH PROFILE RUNWAY 31

SCALE: HOR 1"=1000'; VERT 1"=100'

NOTES:

1. SEE SHEET 3.03 FOR OBSTRUCTION DATA TABLES FOR THE OBSTRUCTIONS NOT SHOWN IN THE INNER APPROACH PROFILES.
2. REFER TO THE INNER APPROACH PROFILES PLAN VIEW FOR CLOSE-IN OBSTRUCTIONS.
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50 50 100
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MARK	DATE	DESCRIPTION

REVISIONS:

PLOT DATE: 7/18/2014

RELEASED FOR: NOT FOR PUBLIC USE OR CONSTRUCTION

PROJECT NAME: AIRPORT LAYOUT PLAN UPDATE FOR THE WASHINGTON - WILKES COUNTY AIRPORT

DRAWING TITLE: APPROACH PROFILES

OWNER / 24 HR CONTACT:
ADDRESS:
PHONE:
MOBILE:

PROJ. DATE: AUG 2012
Q.C.: RW
Q.C. DATE: 07/31/12

DRAWING NUMBER: 03.02

PROJ. NO.: 20120115.00.AT

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ID	NORTHING	EASTING	ELEVATION (FT)	PENETRATION (FT)	DESCRIPTION	SURFACE	MITIGATION
22	1375551.944	459663.652	685.4	12	NAVAID	TRANSITION	LIGHT
33	1378081.119	454997.4939	739.8	20	SILO	APPROACH 13	LIGHT
35	1375674.813	459297.4092	674.7	16	POLE	TRANSITION	LIGHT
36	1375638.323	459273.2639	657.5	5	POLE	TRANSITION	LIGHT
37	1375612.181	459323.7066	662.0	9	LIGHT	TRANSITION	LIGHT
38	1375615.129	459319.9074	657.2	4	BUILDING	TRANSITION	LIGHT
42	1375610.078	459658.5827	686.0	6	TREE	TRANSITION	REMOVE
43	1375482.781	459525.5822	655.0	1	POLE	TRANSITION	LIGHT
44	1375745.3	458916.2889	648.0	12	WINDSOCK	TRANSITION	LIGHT
49	1373445.174	462346.3308	697.9	15	TREE	APPROACH 31	REMOVE
50	1373310.443	462237.375	697.1	15	TREE	APPROACH 31	REMOVE
57	1373298.687	462024.6646	677.6	0	TREE	APPROACH 31	REMOVE
58	1373544.436	462173.4927	683.3	7	TREE	APPROACH 31	REMOVE
60	1373729.96	461968.4958	689.1	19	TREE	TRANSITION	REMOVE
61	1373681.833	461897.0128	681.5	14	TREE	APPROACH 31	REMOVE
62	1373803.172	461891.6269	690.0	18	TREE	TRANSITION	REMOVE
63	1373950.46	461917.4843	692.1	2	TREE	TRANSITION	REMOVE
67	1373026.629	461425.3267	683.4	15	TREE	TRANSITION	REMOVE
68	1372957.914	461306.1782	686.3	0	TREE	TRANSITION	REMOVE
69	1373157.459	461267.1415	699.4	34	TREE	TRANSITION	REMOVE
70	1373249.75	461157.8404	687.1	24	TREE	TRANSITION	REMOVE
72	1373341.912	461203.3978	656.8	0	POWER LINE	APPROACH 31	LIGHT
73	1373325.205	461066.8119	695.5	37	TREE	TRANSITION	REMOVE
74	1373334.471	460624.6903	730.6	36	TREE	TRANSITION	REMOVE
75	1373381.303	460699.5461	730.4	47	TREE	TRANSITION	REMOVE
76	1373389.517	460438.0663	740.3	38	TREE	TRANSITION	REMOVE
77	1373544.865	460620.3944	751.5	82	TREE	TRANSITION	REMOVE
78	1373492.597	460391.3721	753.3	60	TREE	TRANSITION	REMOVE
79	1373576.28	460430.5911	752.2	72	TREE	TRANSITION	REMOVE
80	1373401.211	459856.3009	752.5	4	TREE	TRANSITION	REMOVE
81	1373402.702	460038.3433	753.1	20	TREE	TRANSITION	REMOVE
82	1373631.317	460098.6208	750.8	49	TREE	TRANSITION	REMOVE
83	1373797.331	460315.5342	738.6	74	TREE	TRANSITION	REMOVE
84	1373742.776	460111.5534	727.3	40	TREE	TRANSITION	REMOVE
85	1373783.313	459922.952	722.0	24	TREE	TRANSITION	REMOVE
86	1373882.836	460203.8758	703.5	40	TREE	TRANSITION	REMOVE
87	1374034.137	460076.2971	726.8	70	TREE	TRANSITION	REMOVE
88	1373988.565	459626.2015	726.6	27	TREE	TRANSITION	REMOVE
89	1374113.369	459513.7852	722.6	28	TREE	TRANSITION	REMOVE
90	1374218.303	459713.4159	698.0	33	TREE	TRANSITION	REMOVE
91	1374507.551	459564.1102	717.4	73	TREE	TRANSITION	REMOVE
92	1374356.173	459545.9433	699.2	36	TREE	TRANSITION	REMOVE
93	1374539.751	459357.671	686.0	28	TREE	TRANSITION	REMOVE
94	1374254.973	459158.5109	720.6	13	TREE	TRANSITION	REMOVE
95	1374615.874	459424.702	719.6	76	TREE	TRANSITION	REMOVE
96	1374699.378	460789.9958	679.0	6	TREE	TRANSITION	REMOVE
97	1374838.581	460744.2953	690.3	6	TREE	TRANSITION	REMOVE
98	1374747.036	460628.6792	691.9	28	TREE	TRANSITION	REMOVE

ID	NORTHING	EASTING	ELEVATION (FT)	PENETRATION (FT)	DESCRIPTION	SURFACE	MITIGATION
99	1374955.165	460596.3227	696.15056	12	TREE	TRANSITION	REMOVE
100	1375091.962	460209.822	687.54327	20	TREE	TRANSITION	REMOVE
101	1375128.236	460106.4909	688.3	26	TREE	TRANSITION	REMOVE
102	1375277.098	460151.3088	701.7	18	TREE	TRANSITION	REMOVE
103	1375260.948	459990.5416	699.7	32	TREE	TRANSITION	REMOVE
104	1374651.43	459201.475	689.5	31	TREE	TRANSITION	REMOVE
105	1374716.713	459263.7189	723.8	78	TREE	TRANSITION	REMOVE
106	1374710.212	459014.9451	679.0	11	TREE	TRANSITION	REMOVE
107	1374803.562	459124.6237	704.5	57	TREE	TRANSITION	REMOVE
108	1374887.845	459015.0819	700.8	53	TREE	TRANSITION	REMOVE
109	1374856.02	458901.8728	669.0	8	TREE	TRANSITION	REMOVE
110	1374981.757	458743.0548	669.7	8	TREE	TRANSITION	REMOVE
111	1375052.347	458781.964	691.8	42	TREE	TRANSITION	REMOVE
112	1375199.201	458631.1376	698.0	51	TREE	TRANSITION	REMOVE
113	1375324.703	458416.1006	711.4	59	TREE	TRANSITION	REMOVE
114	1375394.045	458326.5179	710.5	58	TREE	TRANSITION	REMOVE
115	1375321.188	458159.6862	695.8	21	TREE	TRANSITION	REMOVE
116	1375579.666	458099.594	700.6	49	TREE	TRANSITION	REMOVE
117	1375759.275	459198.8186	673.3	13	TREE	TRANSITION	REMOVE
118	1375948.542	458913.0135	675.9	16	TREE	TRANSITION	REMOVE
119	1376085.409	458782.9148	694.1	28	TREE	TRANSITION	REMOVE
120	1376214.054	458600.4352	700.2	28	TREE	TRANSITION	REMOVE
121	1376354.868	458413.6995	692.7	25	TREE	TRANSITION	REMOVE
122	1376458.836	458263.1237	702.7	35	TREE	TRANSITION	REMOVE
123	1376559.344	458144.8218	702.2	31	TREE	TRANSITION	REMOVE
124	1376691.243	457950.1682	682.4	11	TREE	TRANSITION	REMOVE
125	1376881.621	457758.7856	706.6	27	TREE	TRANSITION	REMOVE
126	1376888.5	457657.9309	715.0	43	TREE	TRANSITION	REMOVE
127	1377040.126	457479.7966	699.3	24	TREE	TRANSITION	REMOVE
128	1377201.133	457545.4772	701.5	2	TREE	TRANSITION	REMOVE
129	1375701.299	457915.3327	708.0	53	TREE	TRANSITION	REMOVE
130	1375765.578	457698.7537	680.3	14	TREE	TRANSITION	REMOVE
131	1375786.843	457785.5984	710.1	54	TREE	TRANSITION	REMOVE
132	1375897.057	457636.1602	727.8	70	TREE	TRANSITION	REMOVE
133	1375866.181	457553.3754	681.7	13	TREE	TRANSITION	REMOVE
134	1375989.386	457417.8737	693.0	26	TREE	TRANSITION	REMOVE
135	1376063.162	457430.1804	727.2	69	TREE	TRANSITION	REMOVE
136	1376105.82	457331.2953	731.9	70	TREE	TRANSITION	REMOVE
137	1376006.936	457142.6951	696.5	7	TREE	TRANSITION	REMOVE
138	1376098.645	457013.5581	696.5	5	TREE	TRANSITION	REMOVE
139	1376240.64	457062.8885	736.5	65	TREE	TRANSITION	REMOVE
140	1376312.54	456967.5026	745.9	74	TREE	TRANSITION	REMOVE
141	1376175.264	456841.665	700.5	3	TREE	TRANSITION	REMOVE
142	1376079.959	456623.5045	734.0	6	TREE	TRANSITION	REMOVE
143	1376211.32	456680.8841	750.3	42	TREE	TRANSITION	REMOVE
144	1376394.805	456800.7138	742.7	66	TREE	TRANSITION	REMOVE
145	1376330.06	456550.501	727.6	21	TREE	TRANSITION	REMOVE
146	1376579.104	456519.433	721.6	40	TREE	TRANSITION	REMOVE

ID	NORTHING	EASTING	ELEVATION (FT)	PENETRATION (FT)	DESCRIPTION	SURFACE	MITIGATION
147	1376500.469	456726.2911	699.82786	28	TREE	TRANSITION	REMOVE
148	1376704.097	456389.3794	729.7	50	TREE	TRANSITION	REMOVE
149	1377102.534	457343.769	698.6	27	TREE	TRANSITION	REMOVE
150	1377350.58	457388.1361	711.1	6	TREE	TRANSITION	REMOVE
151	1377232.948	457199.8253	697.46399	21	TREE	TRANSITION	REMOVE
152	1377345.636	457064.809	685.2	6	TREE	TRANSITION	REMOVE
153	1377378.284	457238.6204	715.4	19	TREE	TRANSITION	REMOVE
154	1377564.328	457161.3043	724.2	11	TREE	TRANSITION	REMOVE
155	1377666.328	456973.7921	723.4	13	TREE	TRANSITION	REMOVE
156	1377566.74	456960.3187	708.2	11	TREE	TRANSITION	REMOVE
157	1376962.251	455829.1992	719.7	17	TREE	TRANSITION	REMOVE
158	1378139.096	456108.0744	716.3	17	TREE	TRANSITION	REMOVE
159	1378226.302	456115.5561	724.5	13	TREE	TRANSITION	REMOVE
160	1377796.834	455453.1597	711.1	7	TREE	APPROACH 13	REMOVE
161	1377587.864	455316.5525	728.4	24	TREE	APPROACH 13	REMOVE
162	1377598.572	455245.6627	737.7	32	TREE	APPROACH 13	REMOVE
163	1377458.833	455293.6307	712.9	11	TREE	APPROACH 13	REMOVE
164	1377282.965	455240.0282	729.8	9	TREE	TRANSITION	REMOVE
165	1378054.802	454718.4801	744.7	18	TREE	APPROACH 13	REMOVE
166	1377769.112	454545.6956	744.9	15	TREE	TRANSITION	REMOVE
167	1377787.691	454424.7279	748.8	10	TREE	TRANSITION	REMOVE
168	1377899.736	454439.0039	734.3	4	TREE	APPROACH 13	REMOVE
169	1378036.897	454435.9212	739.9	7	TREE	APPROACH 13	REMOVE
170	1378176.83	454582.6109	746.4	15	TREE	APPROACH 13	REMOVE
171	1378188.166	454810.616	750.3	24	TREE	APPROACH 13	REMOVE
172	1378267.439	454757.1322	756.0	27	TREE	APPROACH 13	REMOVE
173	1378498.161	454745.8477	742.7	10	TREE	APPROACH 13	REMOVE
174	1378449.93	454574.6976	744.9	8	TREE	APPROACH 13	REMOVE
175	1377059.793	456625.9345	667.4	4	ROADWAY	APPROACH 13	LIGHT
176	1376740.448	456561.6257	695.3	35	TREE	TRANSITION	REMOVE
177	1376555.281	456729.1336	669.1	3	ROADWAY	TRANSITION	LIGHT
178	1376459.287	456904.8767	665.4	5	ROADWAY	TRANSITION	LIGHT
179	1376356.583	457082.8389	664.4	8	ROADWAY	TRANSITION	LIGHT
180	1376281.656	457203.525	662.1	8	ROADWAY	TRANSITION	LIGHT
181	1375003.391	459147.2546	632.7	2	GROUND	PRIMARY	REMOVE
182	1374853.757	459340.7976	632.4	2	GROUND	PRIMARY	REMOVE
183	1374406.594	459731.3626	665.5	23	TREE	TRANSITION	REMOVE
184	1374293.306	459859.7585	678.7	34	TREE	TRANSITION	REMOVE
185	1374160.012	460031.9403	691.5	46	TREE	TRANSITION	REMOVE
186	1374019.412	460315.2925	656.6	18	ROADWAY	TRANSITION	LIGHT
187	1373894.907	460369.5824	676.7	27	POWER POLE	TRANSITION	LIGHT
188	1373751.038	460635.6878	652.7	9	ROADWAY	TRANSITION	LIGHT
189	1373682.353	460717.8653	651.1	6	ROADWAY	TRANSITION	LIGHT
190	1373618.821	460869.662	662.3	18	POWER POLE	APPROACH 31	LIGHT
191	1373416.323	461107.7237	656.6	3	POWER POLE	APPROACH 31	LIGHT
192	1373878.436	460975.3155	644.6	2	ROADWAY	APPROACH 31	LIGHT
193	1374052.102	461034.3571	641.7	1	ROADWAY	APPROACH 31	LIGHT
194	1374192.529	460957.2056	639.9	3	ROADWAY	APPROACH 31	LIGHT

SURFACE LABEL LEGEND

APPROACH 13 = RUNWAY 13 END (EXISTING) 20:1 APPROACH SURFACE
APPROACH 31 = RUNWAY 31 END (EXISTING) 20:1 APPROACH SURFACE
TRANS = TRANSITIONAL SURFACE
PRIMARY = PRIMARY SURFACE

NOTES:

1. THESE OBSTRUCTION TABLES SUMMARIZE THE OBSTRUCTIONS SHOWING THE OUTSTANDING STRUCTURES AND THE TALLEST TREE REPRESENTING A GROUP OF TREES PENETRATING THE SURFACE IN THE EXISTING CONDITION.
2. REFER TO THE INNER APPROACH PLAN AND PROFILES FOR CLOSE-IN OBSTRUCTIONS TO THE ULTIMATE APPROACH SURFACES.
3. ELEVATION IS TOP OF THE OBJECT.
4. PENETRATION IS THE HEIGHT IN FEET OF THE OBJECT ABOVE THE OBSTACLE IDENTIFICATION SURFACE.
5. ALL TRANSVERSE WAYS ELEVATIONS INCLUDE THE APPLICABLE HEIGHT INCREASE PER PART 77.17(b): 17' FOR HIGHWAYS, 15' FOR PUBLIC ROADS AND 23' FOR RAILROADS.
6. MAPPING AND OBSTRUCTION INFORMATION: PHOTO SCIENCE, A QUANTUM SPATIAL COMPANY, DATE: DECEMBER 4, 2013

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2120 Powers Ferry Road
Suite 100
Atlanta, Georgia 30339
(v) 770.955.5574
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GA. LICENSE NO. 56-0486717

2" = FULL SCALE
1" = HALF SCALE

MARK	DATE	DESCRIPTION

REVISIONS:

RELEASED FOR:
NOT FOR PUBLIC USE OR CONSTRUCTION

PLOT DATE: 7/18/2014

PROJECT NAME:
AIRPORT LAYOUT PLAN UPDATE FOR THE WASHINGTON - WILKES COUNTY AIRPORT

DRAWING TITLE:
OBSTRUCTION TABLES

OWNER / 24 HR CONTACT:
ADDRESS:
PHONE:
MOBILE:

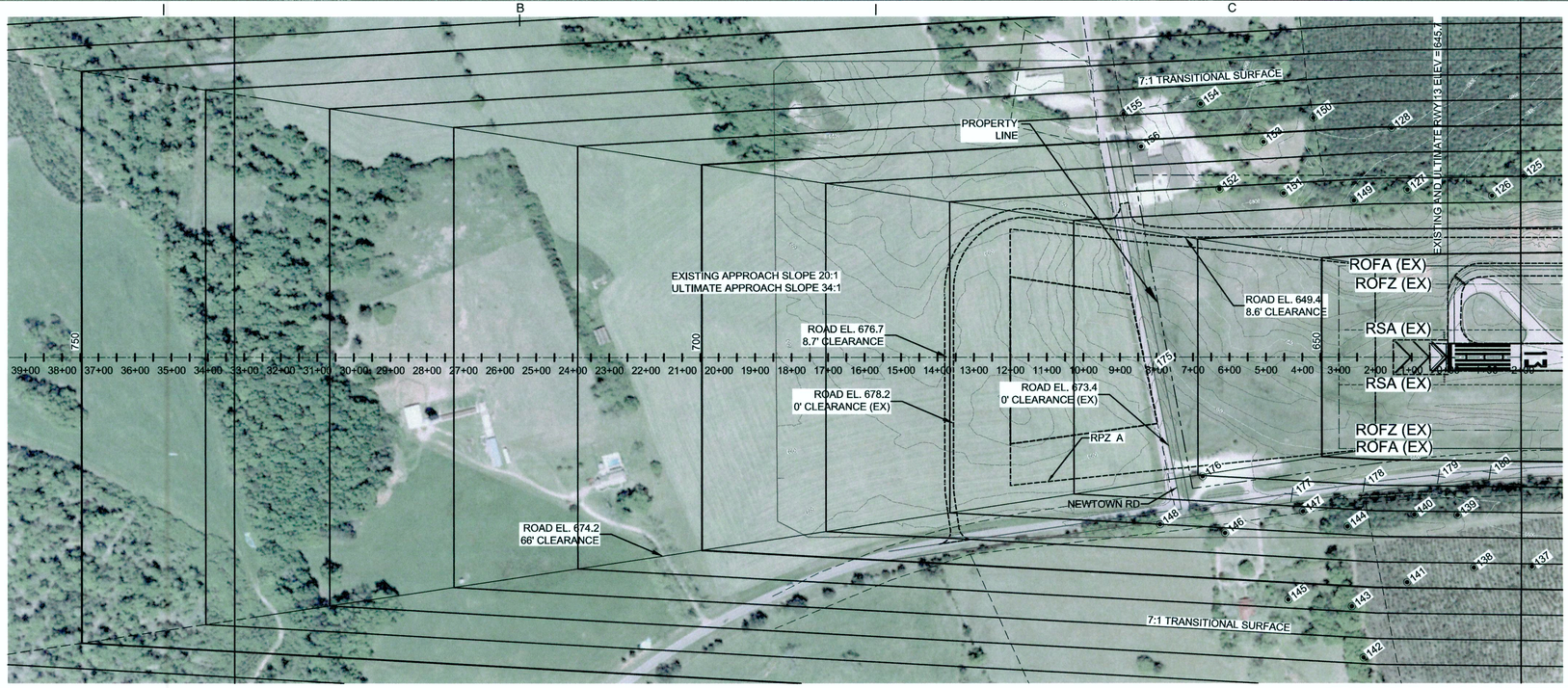
PROJ. DATE: AUG 2012
Q.C.: RW
Q.C. DATE: 07/31/12

DRAWING NUMBER:
03.03

PROJ. NO.:
20120115.00.AT

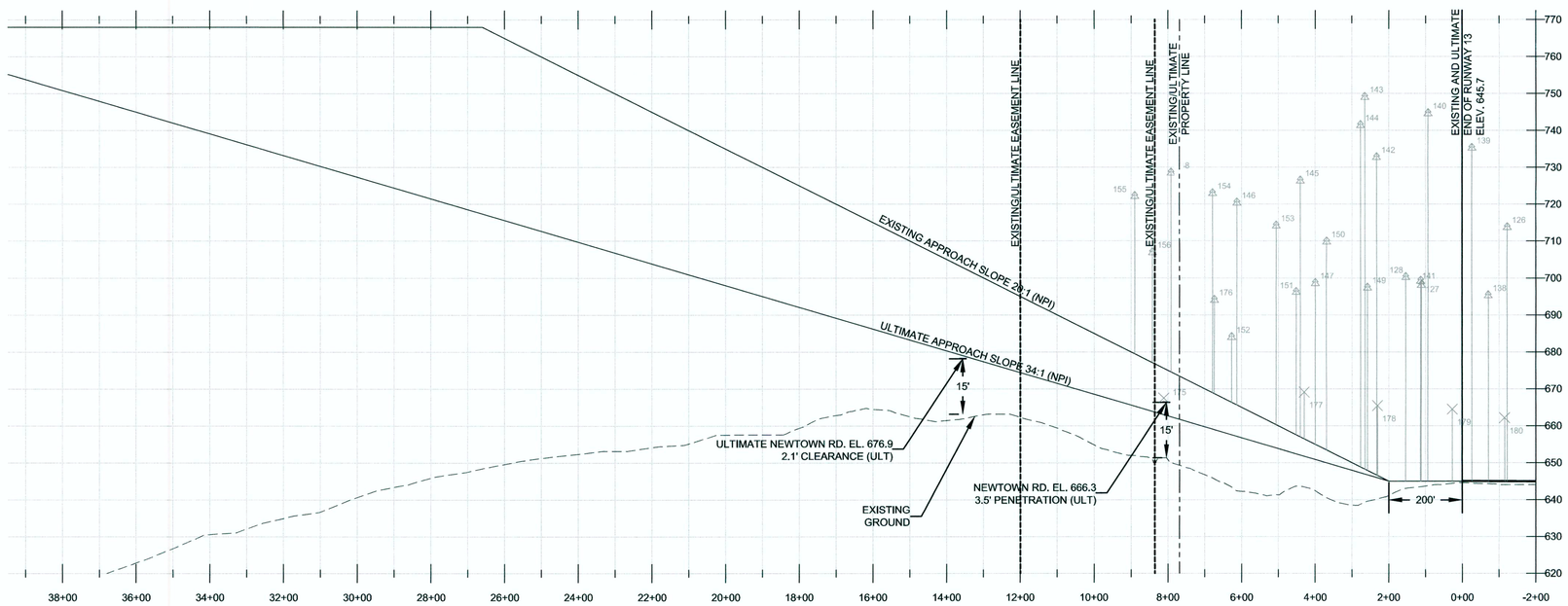
LEGEND

- APPROACH SURFACE VIOLATION (TREE)
- TRANSITIONAL SURFACE VIOLATION (TREE)
- SURFACE VIOLATION (OTHER)



TOPO MAPPING AND OBSTRUCTION INFORMATION:
PHOTO SCIENCE, GEOSPATIAL SOLUTIONS
DATE: 12/04/2013.

AERIAL PHOTOGRAPH: GDOT
DATE: APRIL 21, 2008



INNER APPROACH PROFILE RUNWAY 13

SCALE: HOR 1"=200'; VERT 1"=20'

PROFILE LEGEND

- APPROACH SURFACE VIOLATION (TREE)
- TRANSITIONAL SURFACE VIOLATION (TREE)
- SURFACE VIOLATION (OTHER)

NOTES:

1. OBSTRUCTIONS SHOWN ARE REPRESENTATIVE OF GROUPINGS OF OBSTRUCTIONS AND DO NOT REPRESENT ALL OBSTRUCTIONS.
2. NO RSA OBJECT PENETRATIONS.
3. ELEVATION IS TOP OF THE OBJECT.
4. PENETRATION IS THE PENETRATION VALUE IN FEET OF THE OBJECT ABOVE THE OBSTACLE IDENTIFICATION SURFACE.
5. ALL TRAVERSE WAYS ELEVATIONS INCLUDE THE APPLICABLE HEIGHT INCREASE PER FAR PART 77.17(b): 17' FOR HIGHWAYS, 15' FOR PUBLIC ROADS AND 23' FOR RAILROADS.

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FULL SCALE: 1"=50
0 50 100
2" = FULL SCALE
1" = HALF SCALE

MARK	DATE	DESCRIPTION

REVISIONS:

RELEASED FOR:
NOT FOR PUBLIC USE OR CONSTRUCTION

PLOT DATE: 7/18/2014

PROJECT NAME:
AIRPORT LAYOUT PLAN UPDATE FOR THE WASHINGTON - WILKES COUNTY AIRPORT

DRAWING TITLE:
INNER APPROACH RUNWAY 13 PLAN AND PROFILE

OWNER / 24 HR CONTACT:
ADDRESS:
PHONE:
MOBILE:

PROJ. DATE: AUG 2012
Q.C.: RW
Q.C. DATE: 07/31/12

DRAWING NUMBER:
04.01

PROJ. NO.:
20120115.00.AT

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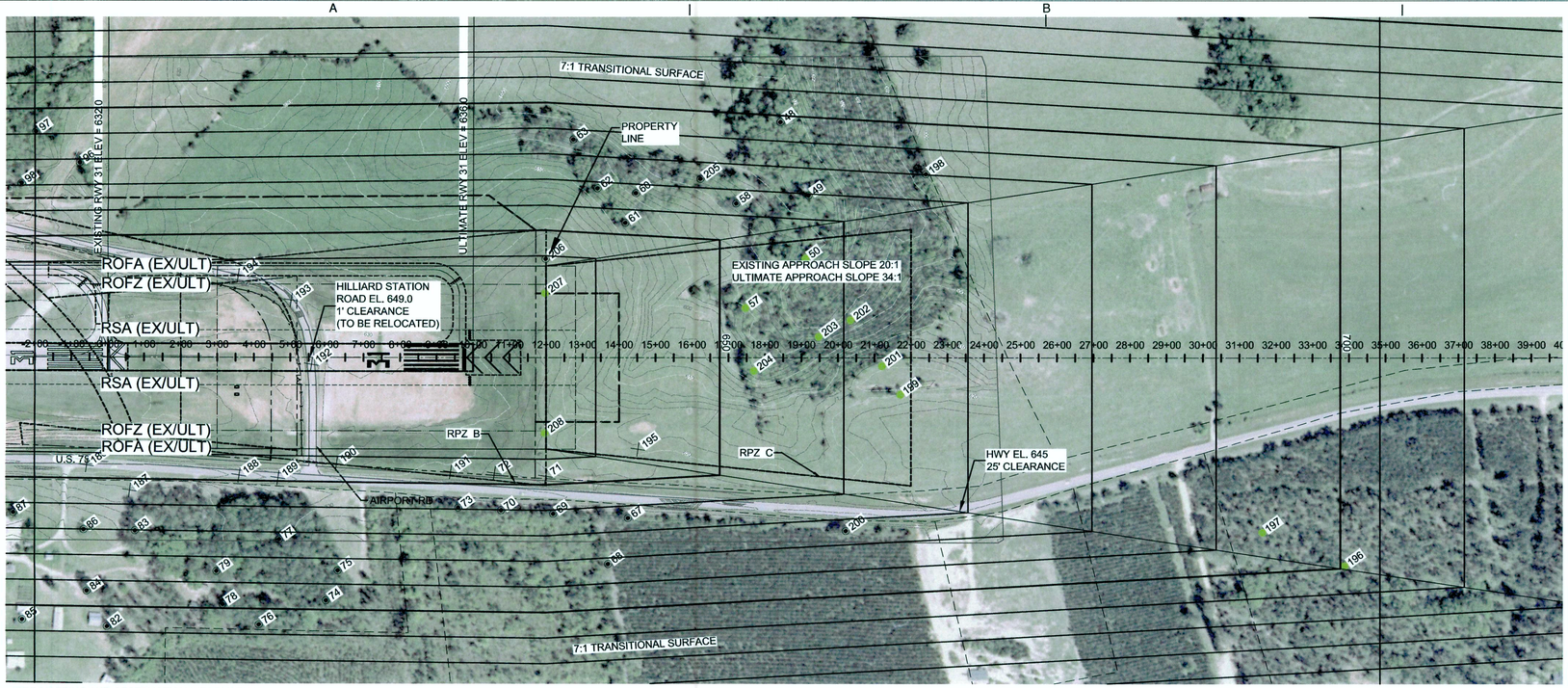
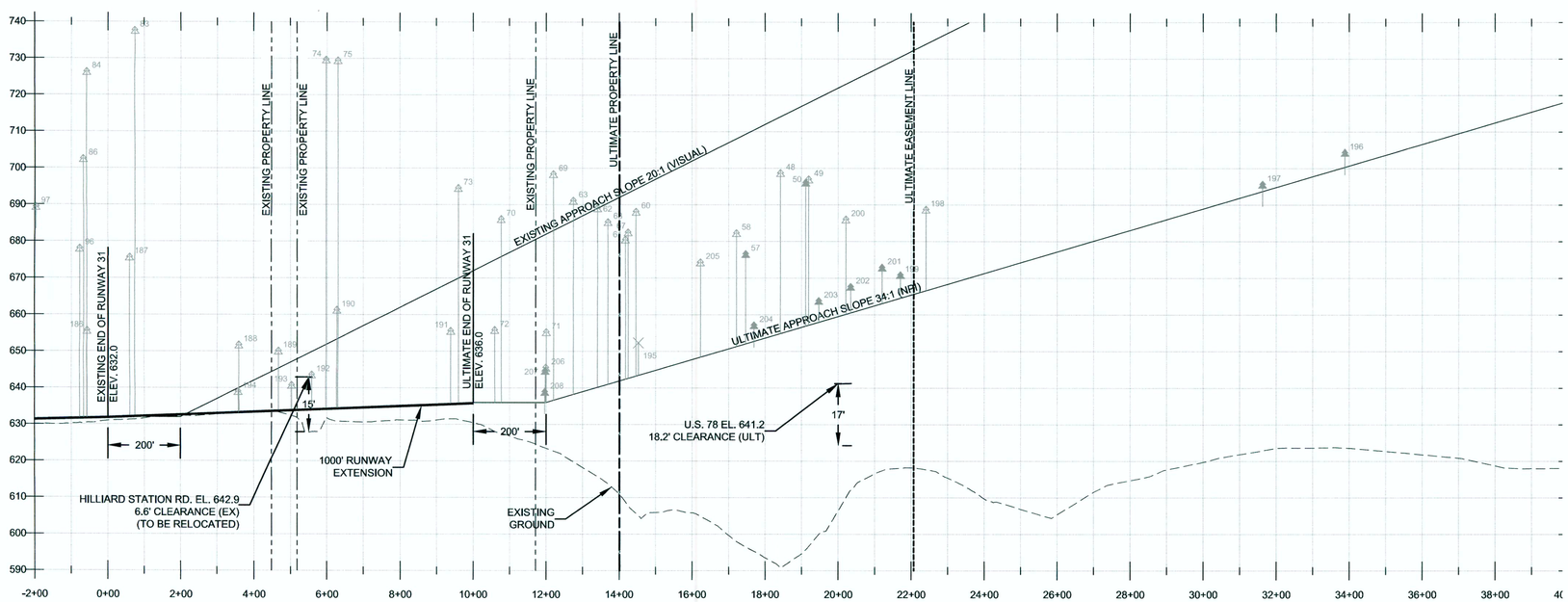


TOPO MAPPING AND OBSTRUCTION INFORMATION:
PHOTO SCIENCE, GEOSPATIAL SOLUTIONS
DATE: 12/10/2013.

AERIAL PHOTOGRAPH: GDOT
DATE: APRIL 21, 2008

LEGEND

- APPROACH SURFACE VIOLATION (TREE)
- TRANSITIONAL SURFACE VIOLATION (TREE)
- SURFACE VIOLATION (OTHER)



INNER APPROACH PROFILE RUNWAY 31

SCALE: HOR 1"=200'; VERT 1"=20'

PROFILE LEGEND

- APPROACH SURFACE VIOLATION (TREE)
- TRANSITIONAL SURFACE VIOLATION (TREE)
- SURFACE VIOLATION (OTHER)

NOTES:

1. OBSTRUCTIONS SHOWN ARE REPRESENTATIVE OF GROUPINGS OF OBSTRUCTIONS AND DO NOT REPRESENT ALL OBSTRUCTIONS.
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FULL SCALE: 1"=50
0 50 100
2" = FULL SCALE
1" = HALF SCALE

MARK	DATE	DESCRIPTION

REVISIONS:

RELEASED FOR: NOT FOR PUBLIC USE OR CONSTRUCTION

PLOT DATE: 7/18/2014

PROJECT NAME: AIRPORT LAYOUT PLAN UPDATE FOR THE WASHINGTON - WILKES COUNTY AIRPORT

DRAWING TITLE: INNER APPROACH RUNWAY 31 PLAN AND PROFILE

OWNER / 24 HR CONTACT:
ADDRESS:
PHONE:
MOBILE:

PROJ. DATE: AUG 2012
Q.C.: RW
Q.C. DATE: 07/31/12

DRAWING NUMBER: 05.01

PROJ. NO.: 20120115.00.AT

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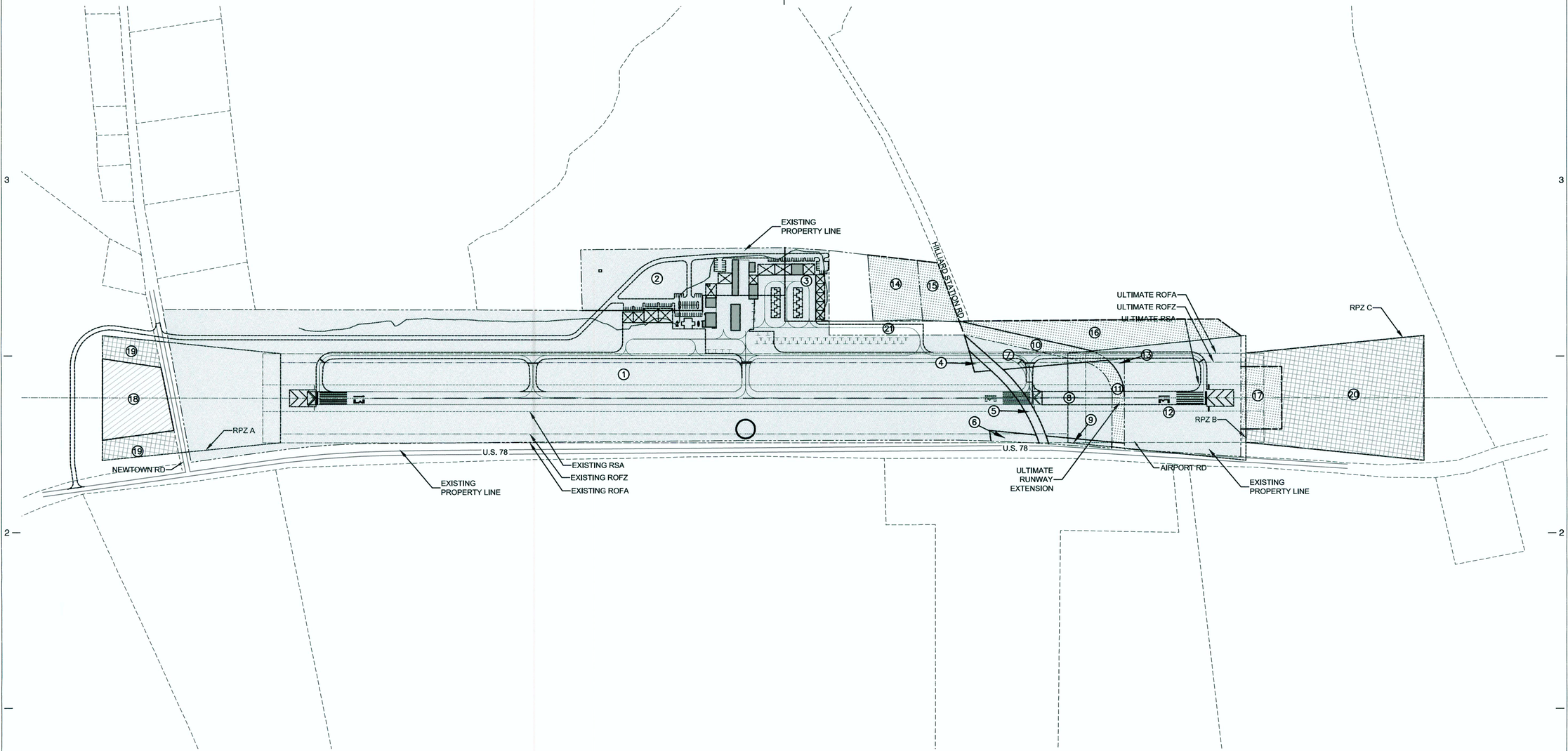

PROPERTY STATUS TABLE

TRACT	ACRES	PARCEL ID	DEED BOOK/PAGE	GRANTOR	INTEREST	ACQUIRED/RELEASED	LAND USE	FEDERAL AID PROJECT NO.
1	66.00	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	9-09-053-0201
2	8.18	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
3	2.05	038 040	273 84	RHONDA NEWBERRY AND JOANNA WALLER	FEE	ACQUIRED	AIRPORT	AP014-XXXX-17 (317) WILKES
4	0.13	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
5	0.83	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
6	0.31	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
7	1.14	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
8	4.36	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
9	0.32	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
10	1.27	038 040	N/A	WILKES COUNTY	FEE	CURRENT EASEMENT/PROPOSED ACQUISITION	AIRPORT	N/A
11	0.80	038 040	N/A	WILKES COUNTY	FEE	CURRENT EASEMENT/PROPOSED ACQUISITION	AIRPORT	N/A
12	9.53	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
13	0.14	038 040	273 84	MULTIPLE OWNERS	FEE	ACQUIRED	AIRPORT	N/A
14	3.00	038 043	N/A	SCOTT, STACY T	FEE	PROPOSED ACQUISITION	RESIDENTIAL	N/A
15	1.70	038 044	N/A	COURSEY, LINDA MAE TAYLOR	FEE	PROPOSED ACQUISITION	RESIDENTIAL	N/A
16	3.94	049 046	N/A	BARNETT, MARION H, JR AS TRUSTEE	FEE	PROPOSED ACQUISITION	CONSERVATIONAL	N/A
17	1.84	049 046	N/A	BARNETT, MARION H, JR AS TRUSTEE	FEE	PROPOSED ACQUISITION	CONSERVATIONAL	N/A
18	3.40	038 016	N/A	REVILLE, CHARLES DAVID	EASEMENT	ACQUIRED	CONSERVATIONAL	9-09-053-0201
19	2.14	038 016	N/A	REVILLE, CHARLES DAVID	EASEMENT	PROPOSED ACQUISITION	CONSERVATIONAL	N/A
20	12.27	049 046	N/A	BARNETT, MARION H, JR AS TRUSTEE	EASEMENT	PROPOSED ACQUISITION	CONSERVATIONAL	N/A
21	1.72			WILKES COUNTY	FEE	DEEDED AS COUNTY ROW/PROPOSED ACQUISITION	AIRPORT	N/A

RUNWAY PROTECTION ZONE DATA

RPZ	INNER WIDTH	OUTER WIDTH	LENGTH
A	500'	700'	1000'
B	500'	700'	1000'
C	500'	700'	1000'

NOTE:

BOUNDARY AND AREA DATA FOR TRACTS TO BE ACQUIRED IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. THESE TRACTS MUST BE SURVEYED BY A SURVEYOR LICENSED IN THE STATE OF GEORGIA BEFORE TRANSFERRING TITLE TO THESE TRACTS.

SOURCE: WILKES COUNTY GEOGRAPHIC INFORMATION SYSTEM (WEBSITE).
DATE: JULY 2012.

LEGEND

- EXISTING PROPERTY
- EXISTING EASEMENT
- PROPOSED PROPERTY
- PROPOSED EASEMENT
- OFF-AIRPORT PARCEL BOUNDARY
- AIRPORT PARCEL/EASEMENT BOUNDARY

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FULL SCALE: 1"= 300
0 300 600
2" = FULL SCALE
1" = HALF SCALE

MARK	DATE	DESCRIPTION

PLOT DATE: 7/18/2014

REVISIONS:

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PROJECT NAME:
AIRPORT LAYOUT PLAN UPDATE FOR THE WASHINGTON - WILKES COUNTY AIRPORT

DRAWING TITLE:
AIRPORT PROPERTY MAP

OWNER / 24 HR CONTACT:
ADDRESS:
PHONE:
MOBILE:

PROJ. DATE: AUG 2012
Q.C.: RW
Q.C. DATE: 07/31/12

DRAWING NUMBER:
06.01

PROJ. NO.:
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1:300

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