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LEGEND

EXISTING	ULTIMATE	
■		VASI
~~		GROUND CONTOURS
—P—		AIRPORT PROPERTY LINE
▭	▨	BUILDINGS/STRUCTURES
-x-x-	-xx-xx-	FENCING
☼		TREES
☼		RUNWAY LIGHTS
◐		THRESHOLD LIGHTS
ø—ø		OVERHEAD POWER
--RSA--		RUNWAY SAFETY AREA (RSA)
—RPZ—		RUNWAY PROTECTION ZONE
—OFA—		OBJECT FREE AREA (OFA)
—BRL—		BUILDING RESTRICTION LINE (BRL)
		SEGMENTED CIRCLE AND WIND CONE
①		OBSTRUCTION ITEM #
		STORM DRAIN
⊠		LAMP POLE
◇		FIRE HYDRANT
⊗		IRON PIPE FOUND
		TOP OF BANK
		ASPHALT

AIRPORT DATA TABLE

		EXISTING	ULTIMATE
FAA SITE NUMBER		22362.A	SAME
LOCATION IDENTIFIER		51J	SAME
AIRPORT ELEVATION (ft, AMSL)		80.0	SAME
AIRPORT REFERENCE POINT (ARP)	LAT.	N33°-51'-13"	SAME
	LONG.	W79°-46'-05"	SAME
NAVIGATIONAL AIDS		NDB	SAME
NORMAL MAX. TEMP. HOTTEST MONTH (°F)		95°	SAME
AIRPORT REFERENCE CODE (ARC)		A-1s	SAME

PROPOSED IMPROVEMENTS:

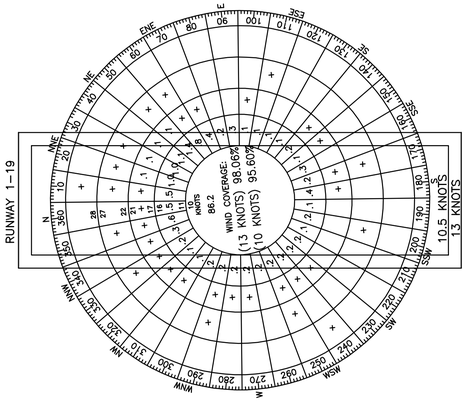
1. ENTIRE RUNWAY TO BE RESURFACED.
2. NEW 80'x30'x12'H HANGER AND APRON EXTENSION.
3. FUTURE 80'x30'x12'H HANGER AND APRON EXTENSION.
4. APPROXIMATELY ±2000 LF OF NEW FENCING TO BE INSTALLED.

RUNWAY DATA TABLE

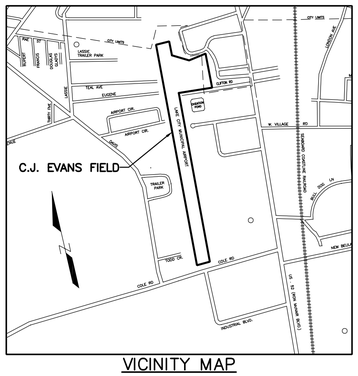
		EXISTING	ULTIMATE
AVERAGE RUNWAY GRADIENT (%)		0.27	SAME
RUNWAY LENGTH		3700'	SAME
RUNWAY WIDTH		75'	SAME
WIND COVERAGE (%)	13.0 KNOTS	98.06	SAME
	10.5 KNOTS	95.60	SAME
PAVEMENT TYPE		ASPHALT	SAME
PAVEMENT DESIGN LOAD (lb), GROSS		20,000	SAME
SUBGRADE CLASS		E-6	SAME
APPROACH SLOPES		20:1	SAME
LIGHTING		MIRL	SAME
RUNWAY MARKING		BASIC	SAME
VISUAL APPROACH AIDS	R/W 1	VASI	SAME
	R/W 19	VASI	SAME
RUNWAY SAFETY AREA LENGTH		4180'	SAME
RUNWAY SAFETY AREA WIDTH		120'	SAME
ELECTRONICS AIDS		NONE	SAME
TOUCHDOWN ZONE	R/W 1	80'	SAME
ELEVATIONS	R/W 19	80'	SAME

NOTES:

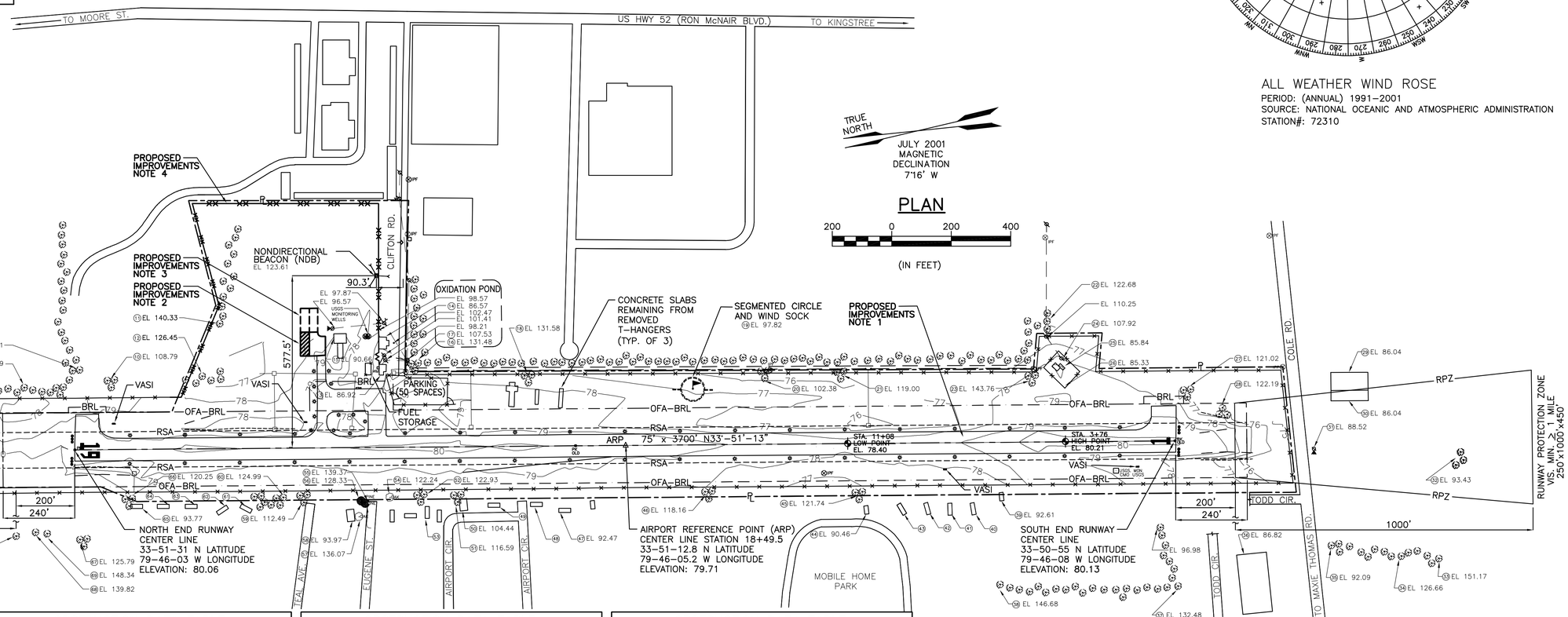
1. THE RUNWAY 1-19 PAVEMENT WIDTH OF 75 FEET EXCEEDS CATEGORY ADG-I STANDARDS, MEETING CRITERIA ESTABLISHED FOR CATEGORY ADG-II.
2. THE RUNWAY 1-19 WIND COVERAGE OF 98.06% AT 13.0 KNOTS MEETS CRITERIA ESTABLISHED FOR CATEGORY ADG-II.
3. OBJECT FREE ZONE AND THRESHOLD PENETRATIONS DETERMINED FROM SURVEY CONDUCTED BY B.P.BARBER & ASSOCIATES, INC. ON 11 JUNE 2001 TO 19 JUNE 2001 AND CURRENT FAA 5010 SKETCH LAST REVISED 25 AUGUST 2000.
4. OBJECT FREE ZONE AND THRESHOLD PENETRATIONS ARE IDENTIFIED IN THE OBSTRUCTION DATA TABLE.
5. THE AIRPORT REFERENCE POINT HAS BEEN UPDATED TO COINCIDE WITH THE CURRENT RUNWAY LENGTH.
6. THE MAGNETIC DECLINATION WAS CALCULATED USING NOAA SYNTHESIS SOFTWARE.
7. RUNWAY PAVEMENT TYPE, DESIGN STRENGTH AND SUBGRADE CLASS TAKEN FROM FLOYD, COLEMAN, ASKINS & KELLAHAN RECORD DRAWINGS DATED MAY, 1984.
8. HEIGHTS IN OBSTRUCTION DATA TABLE ARE REPORTED AS FEET ABOVE GROUND LEVEL (AGL).
9. ELEVATIONS IN OBSTRUCTION DATA TABLE ARE REPORTED AS FEET ABOVE MEAN SEA LEVEL (AMSL).
10. PERIMETER FENCING IS 6' HIGH ABOVE GROUND LEVEL.



ALL WEATHER WIND ROSE
PERIOD: (ANNUAL) 1991-2001
SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
STATION#: 72310



VICINITY MAP
1/4 0 SCALE 1/4 1/2 MILES



TRUE NORTH
JULY 2001 MAGNETIC DECLINATION 7°16' W

PLAN
200 0 200 400
(IN FEET)

OBSTRUCTION DATA TABLE

	ITEM	HEIGHT (AGL,ft)	ELEVATION (AMSL,ft)	SURFACE PENETRATION
1	ELEVATED TANK NOT SHOWN	33-51-28.8 N LATITUDE 79-45-52 W LONGITUDE		NONE
2	ELEVATED TANK NOT SHOWN	33-52-20.7 N LATITUDE 79-45-55.7 N LONGITUDE		NONE
3	TREES	45	123.27	20:1
4	TREES	38	116.51	20:1
5	TREES	55	133.05	7:1
6	TREES	45	125.87	7:1
7	TREES	32	111.97	7:1
8	TREES	67	146.09	7:1
9	TREES	52	131.01	7:1
10	TREES	30	108.79	7:1
11	TREES	63	140.33	7:1
12	TREES	50	126.45	7:1
13	F.O.B.	9	86.92	NONE
14	CAP BLDG.	9	86.57	NONE
15	PRIVATE HANGER	12	90.66	NONE
16	TREES	53	131.48	7:1
17	POWER POLE	30	107.53	7:1
18	TREES	54	131.58	7:1
19	WIND SOCK	20	97.82	7:1

OBSTRUCTION DATA TABLE

	ITEM	HEIGHT (AGL,ft)	ELEVATION (AMSL,ft)	SURFACE PENETRATION
20	TREES	27	102.38	7:1
21	TREES	44	119.00	7:1
22	TREES	47	122.68	7:1
23	TREES	65	143.76	7:1
24	POWER POLE	30	107.92	7:1
25	WELL/PUMP STATION	8	85.84	NONE
26	FENCE	7	85.33	NONE
27	TREES	44	121.02	7:1/OFA
28	TREES	46	122.19	7:1
29	BUILDING	17.5	92.97	NONE
30	BUILDING	10.25	86.04	NONE
31	LAMP POLE	13	88.52	NONE
32	TREES	17	92.43	NONE
33	TREES	78	151.17	7:1
34	TREES	50	126.66	7:1
35	TREES	17	92.09	NONE
36	BUILDING	9	86.82	NONE
37	TREES	56	132.48	7:1
38	TREES	67	146.68	7:1

OBSTRUCTION DATA TABLE

	ITEM	HEIGHT (AGL,ft)	ELEVATION (AMSL,ft)	SURFACE PENETRATION
39	MOBILE HOME	13.5	92.61	7:1
40	MOBILE HOME	13.5(EST)	N/A	7:1
41	MOBILE HOME	13.5(EST)	N/A	7:1
42	MOBILE HOME	13.5(EST)	N/A	7:1
43	MOBILE HOME	13.5(EST)	N/A	7:1
44	MOBILE HOME	12.25	90.46	7:1
45	TREES	43	121.74	7:1
46	TREES	41	118.16	7:1
47	MOBILE HOME	13	92.47	7:1
48	MOBILE HOME	13(EST)	N/A	7:1
49	MOBILE HOME	13(EST)	N/A	7:1
50	HOUSE	25	104.44	7:1
51	TREES	37	116.59	7:1
52	TREES	44	122.93	7:1
53	MOBILE HOME	13.5(EST)	N/A	7:1
54	TREE (OAK)	44	122.24	7:1
55	TREE (PINE)	60	139.37	7:1
56	TREE (PINE)	50	128.33	7:1
57	TREE (OAK)	44	122.24	7:1

OBSTRUCTION DATA TABLE

	ITEM	HEIGHT (AGL,ft)	ELEVATION (AMSL,ft)	SURFACE PENETRATION
58	HOUSE	15.5	93.97	7:1
59	TREES	35	112.49	7:1
60	TREES	47	124.99	7:1
61	MOBILE HOME	13.5(EST)	N/A	7:1
62	MOBILE HOME	13.5(EST)	N/A	7:1
63	MOBILE HOME	13.5	N/A	7:1
64	MOBILE HOME	13.5(EST)	N/A	7:1
65	MOBILE HOME	13.5(EST)	N/A	7:1
66	TREES	39	120.25	7:1
67	TREES	45	125.79	7:1
68	TREES	59	139.82	7:1
69	TREES	65	148.34	7:1
70	TREES	51	131.60	7:1
71	TREE	60	141.40	7:1
72	TREES	60	138.82	7:1
73	TREES	55	133.24	7:1

2003

B. P. BARBER & ASSOCIATES, INC.
ENGINEERS - PLANNERS - SURVEYORS
COLUMBIA - SPARTANBURG - CHARLESTON - FLORENCE

NO.	REVISIONS	BY	APP.	DATE
1	ADDED SHEETS 3 & 4 OF 4	MJF	MAB	11/02

SIGNATURE: DATE

LAKE CITY MUNICIPAL AIRPORT
C.J. EVANS FIELD
LAKE CITY, SOUTH CAROLINA
FAA SITE#: 22362.A
DATE: AUGUST, 2001 COUNTY: FLORENCE

DRAWING TITLE:
AIRPORT LAYOUT PLAN/TERMINAL AREA PLAN/ RUNWAY PROTECTION ZONE DRAWING

DESIGNED BY: FI/MJF
DRAWN BY: MJF
CHECKED BY: MAB
APPROVED BY: DJH
PROJECT: 01315
FILE NO.: C1-13-26
SCALE: AS SHOWN
SHEET 1 OF 4

N:\Projects\01315\dwg\01315base5.dwg 11/21/2002 10:39:30 AM EST