LAFAYETTE MUNICIPAL AIRPORT

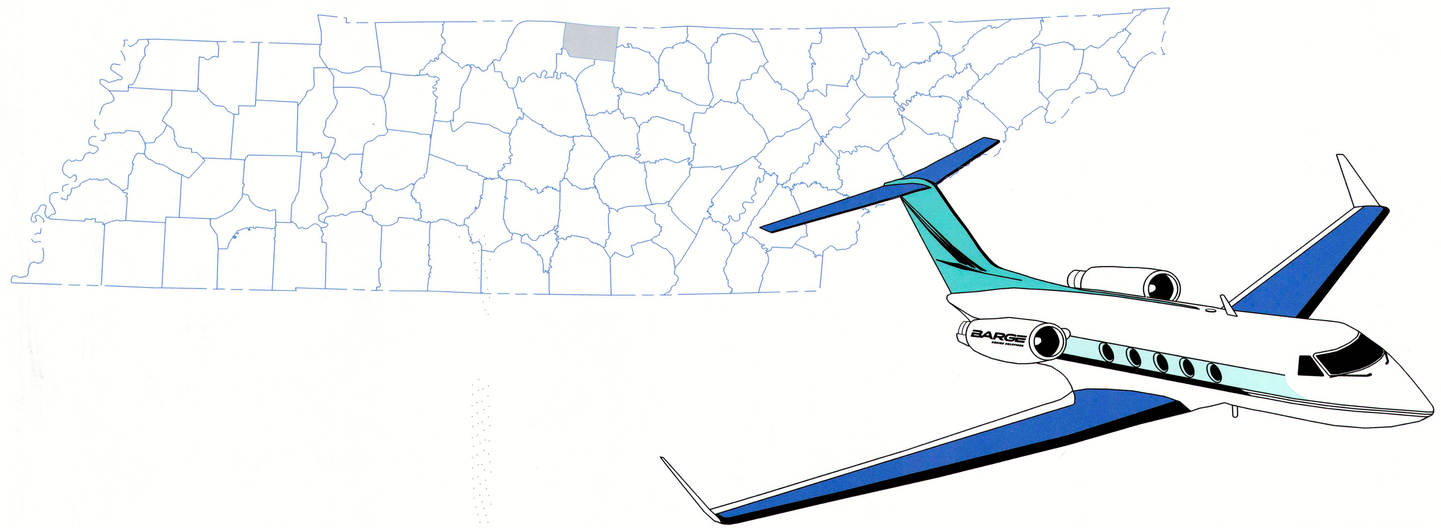
LAFAYETTE, TENNESSEE

AIRPORT LAYOUT PLAN

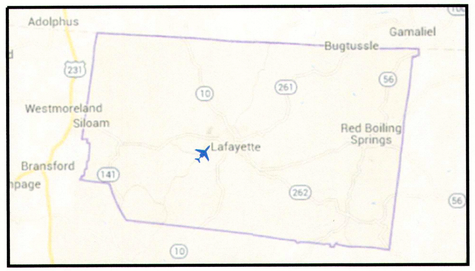
T.A.D. NO. 56-555-0726-04

MAY 2018

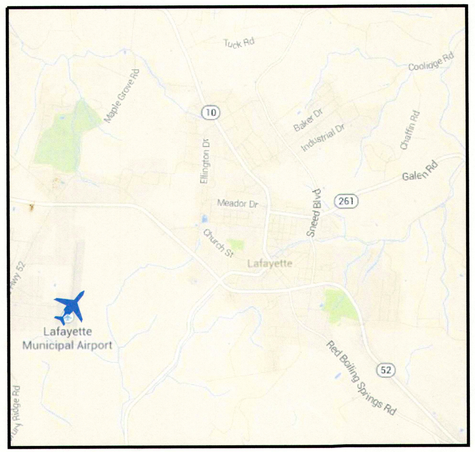
MACON COUNTY,
TENNESSEE



LOCATION MAP



VICINITY MAP

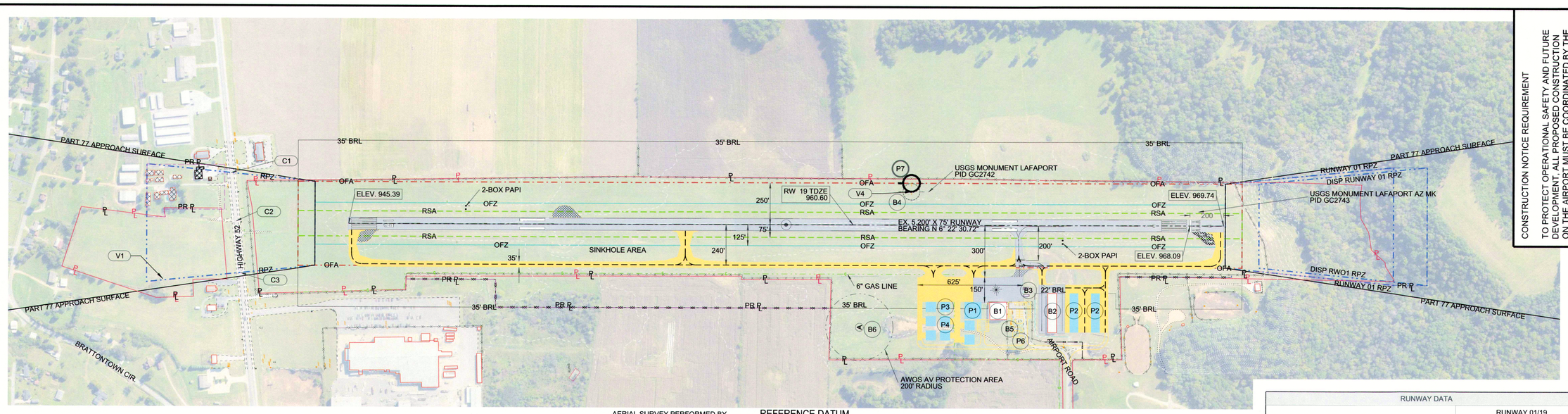


BARGE

DESIGN SOLUTIONS

615 3rd Avenue South // Suite 700 // Nashville, Tennessee 37210
PHONE (615) 254-1500 // FAX (615) 255-6572

INDEX



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 REVIEW TAKES APPROXIMATELY 60 DAYS.

ALP APPROVAL BLOCK

5/15/18

HON. RICHARD DRIVER — DATE
CITY OF LAFAYETTE

DR.	CHK.	DATE	DESCRIPTION

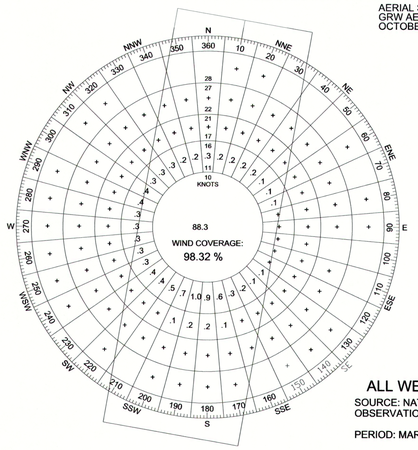
AERIAL SURVEY PERFORMED BY
GRW AERIAL SURVEYS
OCTOBER 11, 2013

REFERENCE DATUM

NAD83 - HORIZONTAL COORDINATES
NAVD 88 - MSL ELEVATIONS

LEGEND

DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE		
RUNWAY SAFETY AREA (RSA)	RSA	RSA
RUNWAY OBJECT FREE AREA (ROFA)	OFA	OFA
RUNWAY OBSTACLE FREE ZONE (OFZ)	OFZ	OFZ
RUNWAY PROTECTION ZONE (RPZ)	RPZ	RPZ
BUILDING RESTRICTION LINE (BRL)	BRL	BRL
AIRPORT PAVEMENT		
AIRPORT REFERENCE POINT		
AIRPORT BUILDINGS		
OTHER BUILDINGS		
AIRPORT PROPERTY LINE / EASEMENTS	PL	PR PL
OTHER PROPERTY LINES		
RAILROAD		
6' SECURITY FENCE		
ROADS		
TREE LINE		
GROUND ELEVATION CONTOURS	410	410
PVMT / BLDGS TO BE REMOVED		
PAPI* (2-BOX)		
AWOS	N / A	
WINDCONE		



ALL WEATHER WIND ROSE

SOURCE: NATIONAL CLIMATIC DATA CENTER
OBSERVATIONS LOCATIONS: NASHVILLE, TN
BOWLING GREEN, KY
PERIOD: MAR. 2004 - MAR. 2014

ALL WEATHER

RUNWAY	10.5 KNOTS (12 MPH)	13 KNOTS (15 MPH)	16 KNOTS (18.4 MPH)	20 KNOTS (23 MPH)
1-19	96.68%	97.44%	99.62%	99.90%

AIRPORT DATA

AIRPORT DATA		EXISTING	PROPOSED
AIRPORT ELEVATION (MSL)		969.7'	SAME
AIRPORT REFERENCE POINT (NAD 83)	LATTITUDE	N 36° 31' 12.10"	SAME
	LONGITUDE	W 86° 03' 29.00"	SAME
MEAN MAX TEMPERATURE OF HOTEST MONTH		88.5°F	SAME
AIRPORT TERMINAL AREA NAVAIDS		PAPI, AWOS AV	SAME
AIRPORT REFERENCE CODE		B-II	SAME
DESIGN AIRCRAFT		CESSNA CIT. V	SAME
TAXIWAY LIGHTING		MITL	SAME
NPIAS SERVICE LEVEL		LOCAL	SAME

TAXIWAY AND TAXILANE DATA

	EXISTING	PROPOSED
TAXIWAY DESIGN GROUP	2	SAME
TAXIWAY AND TAXILANE WIDTH	35'	SAME
TAXIWAY AND TAXILANE SAFETY AREA	79'	SAME
TAXIWAY OBJECT FREE AREA	131'	SAME
TAXIWAY EDGE SAFETY MARGIN (TESM)	7.5'	SAME
TAXIWAY CENTERLINE TO PARALLEL TAXIWAY/TAXILANE CENTERLINE	105'	SAME
TAXIWAY CENTERLINE TO FIXED OR MOVEABLE OBJECT	65.5'	SAME
TAXILANE CENTERLINE TO PARALLEL TAXILANE CENTERLINE	97'	SAME
TAXILANE CENTERLINE TO FIXED OR MOVEABLE OBJECT	57.5'	SAME
TAXIWAY LIGHTING	MITL	SAME

RUNWAY DATA

RUNWAY DATA		RUNWAY 01/19 EXISTING	RUNWAY 01/19 PROPOSED
EFFECTIVE GRADIENT (%)		0.47%	SAME
MAXIMUM GRADE CHANGE		0.87%	SAME
WIND COVERAGE (%)		98.32%	SAME
MAX. ELEVATION (MSL)	RWY 01	969.7'	SAME
	RWY 19	969.7'	SAME
RUNWAY LENGTH		5,200'	SAME
RUNWAY WIDTH		75'	SAME
DISPLACED THRESHOLD	RWY 01	200'	SAME
	RWY 19	N/A	SAME
SURFACE TYPE		ASPHALT	SAME
PAVEMENT STRENGTH	SINGLE / DUAL	21,000 / 31,000	SAME / SAME
RUNWAY DESIGN CODE		B-II	B-II
APPROACH REFERENCE CODE		B / II / 5,000	SAME
DEPARTURE REFERENCE CODE		B / II	SAME
APPROACH SURFACE SLOPE	RWY 01	34:1	SAME
	RWY 19	34:1	SAME
APPROACH VISIBILITY MINIMUMS	RWY 01	1 MILE	SAME
	RWY 19	1 MILE	SAME
VISUAL APPROACH AIDS	RWY 01	PAPI / REIL	SAME
	RWY 19	PAPI / REIL	SAME
INSTRUMENT APPROACH AIDS	RWY 01	GPS	SAME
	RWY 19	GPS	SAME
RUNWAY LIGHTING		MIRL	SAME
RUNWAY MARKING		NON-PRECISION	SAME
AIRPLANE DESIGN GROUP (ADG)		B-II	SAME
CRITICAL AIRCRAFT		CESSNA CIT. V	SAME
THRESHOLD SITING SURFACE		TYPE 4	SAME
RUNWAY OBJECT FREE AREA (ROFA)	LENGTH BEYOND RWY	300'	SAME
	WIDTH	500'	SAME
RUNWAY OBSTACLE FREE ZONE (OFZ)	LENGTH BEYOND RWY	200'	SAME
	WIDTH	400'	SAME
RUNWAY PROTECTION ZONE (RPZ)	LENGTH RWY 01	1,000'	SAME
	LENGTH RWY 19	1,000'	SAME
	INNER WIDTH RWY 01	500'	SAME
	INNER WIDTH RWY 19	500'	SAME
	OUTER WIDTH RWY 01	700'	SAME
	OUTER WIDTH RWY 19	700'	SAME
FAR PART 77 CATEGORY	RWY 01	NP (C)	SAME
	RWY 19	NP (C)	SAME
RUNWAY END COORDINATES (NAD 83)	RWY 01 LATITUDE	N 36° 30' 46.53"	SAME
	RWY 01 LONGITUDE	W 86° 03' 32.48"	SAME
	RWY 19 LATITUDE	N 36° 31' 37.65"	SAME
	RWY 19 LONGITUDE	W 86° 03' 25.47"	SAME
	DISP 01 LATITUDE	N 36° 30' 48.53"	SAME
	DISP 01 LONGITUDE	W 86° 03' 32.26"	SAME
RUNWAY END ELEVATIONS (MSL)	RWY 01	945.4'	SAME
	RWY 19	969.7'	SAME
	DISP 19	968.1'	SAME
TOUCHDOWN ZONE ELEVATION	RWY 01	968.1'	SAME
	RWY 19	956.0'	SAME
RUNWAY BEARING	RWY 01	06° 22' 30.72"	SAME
	RWY 19	186° 22' 30.72"	SAME

FACILITIES

EXISTING #	FACILITY NAME	TOP ELEVATION	PROPOSED #	FACILITY NAME	TOP ELEVATION
B1	TERMINAL / HANGAR	982.1	P1	100' X 100' CORP. HANGAR	981
B2	10-UNIT T-HANGAR	980.8	P2	10-UNIT T-HANGAR (42'x12' DOORS)	981
B3	FUEL FARM	969.3	P3	60' X 60' BOX HANGAR	980
B4	WINDCONE	989.2	P4	60' X 60' BOX HANGAR	980
B5	ROTATING BEACON	991.7	P6	HELICOPTER PARKING	957
B6	AWOS AV	986.0	P7	RELOCATED WINDCONE	959

Traverse Way

NUMBER	ROADWAY ELEVATION	APPROACH SURFACE ELEV. EXIST / PROP	AMOUNT OF PENETRATION	PROPOSED ACTION
C1	936.1'	960.0' / SAME	NONE	NONE
C2	938.2	959.2' / SAME	NONE	NONE
C3	938.5	958.3' / SAME	NONE	NONE

PRIMARY / APPROACH SURFACE VIOLATIONS

VIOLATION	DESCRIPTION	TOP ELEV.	PENETRATION	SURFACE	ACTION
V1	POLE	972.74	0.94'	34:1 APPROACH	LOWER
V4	WINDSOCK	989.18	28.54'	PRIMARY	ALREADY LIT

* SEE AIRSPACE DRAWING FOR ALL OTHER OBSTRUCTIONS

NAVAIDS

	OWNER	LOCATION	GROUND ELEV.
PAPI (RW 1)	AIRPORT	36° 30' 56.06"N 86° 03' 32.52"W	945'
PAPI (RW 19)	AIRPORT	36° 31' 30.72"N 86° 03' 25.35"W	958'
BEACON	AIRPORT	36° 30' 59.75"N 86° 03' 37.20"W	955'
WINDCONE	AIRPORT	36° 31' 04.57"N 86° 03' 27.58"W	955'

CONDITIONALLY APPROVED
John Paul Saalwaechter 7-18-2018
Signature Date
John Paul Saalwaechter
Printed Name
State Block Grant Program
Tennessee Dept. of Transportation
Subject to comments in Approval Letter

DECLARED DISTANCES

RUNWAY END NO.	LANDING DISTANCE AVAILABLE EXISTING	LANDING DISTANCE AVAILABLE PROPOSED	ACCELERATE-STOP DISTANCE AVAILABLE EXISTING	ACCELERATE-STOP DISTANCE AVAILABLE PROPOSED	TAKEOFF DISTANCE AVAILABLE EXISTING	TAKEOFF DISTANCE AVAILABLE PROPOSED	TAKEOFF RUN AVAILABLE EXISTING	TAKEOFF RUN AVAILABLE PROPOSED
1	5,000'	SAME	5,200'	SAME	5,200'	SAME	5,200'	SAME
19	5,000'	SAME	5,000'	SAME	5,200'	SAME	5,200'	SAME

	LANDING DISTANCE AVAILABLE: APPROACH END RSA LENGTH	LANDING DISTANCE AVAILABLE: STOP END RSA LENGTH	ACCELERATE-STOP DISTANCE AVAILABLE: RSA LENGTH	DATE OF APPROVAL
1	300'	300'	300'	N/A
19	300'	300'	300'	N/A

Runway Safety Area Determination

Runway End Number	Std RSA Length beyond rwy	Width	Actual RSA Length beyond rwy	Width	Violations to RSA along side of runway	RSA Determination	Date Approved
Exist. 01	300'	150'	300'	150'	NO		
Exist. 19	300'	150'	300'	150'	NO		

NOTES:
1) NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS
2) NO OBSTACLE FREE ZONE PENETRATIONS
3) NO MODIFICATION OF STANDARDS

NOTES:
1) ALL GVSI SITING MUST BE IN ACCORDANCE WITH FAA GUIDANCE.
2) PAVEMENT STRENGTH TAKEN FROM AIRPORT 5010 DATA FORM, AND WAS NOT UPDATED AS PART OF THIS PLAN.

MAGNETIC DECLINATION
4°7' W - MAY 2014
ANNUAL RATE OF CHANGE 0° 06" W/YEAR

300' 150' 0' 300' 600'
SCALE: 1 INCH = 300 FEET

BARGE DESIGN SOLUTIONS

DR.	CHK.	DATE	DESCRIPTION
RST	KEY	03/22/2016	FINAL

AIRPORT LAYOUT DRAWING

LAFAYETTE MUNICIPAL AIRPORT

LAFAYETTE, MACON COUNTY, TENNESSEE

FILE NO. 33282-06

FACILITIES					
EXISTING			PROPOSED		
#	FACILITY NAME	TOP ELEVATION	#	FACILITY NAME	TOP ELEVATION
B1	TERMINAL / HANGAR	982.1	P1	100' X 100' CORP. HANGAR	981.1
B2	10-UNIT T-HANGAR	980.8	P2	10-UNIT T-HANGAR (42'x12' DOORS)	980.8
B3	FUEL FARM	969.3	P3	60' X 60' BOX HANGAR	VARIES
B5	ROTATING BEACON	991.7	P6	HELICOPTER PARKING	957.0

TAXIWAY DATA		
	EXISTING	PROPOSED
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH	131'	SAME
TAXIWAY SAFETY AREA (TSA) WIDTH	79'	SAME
TAXIWAY LIGHTING	MITL	SAME
TAXIWAY EDGE SAFETY MARGIN (TESM)	7.5'	SAME

REFERENCE DATUM

NAD83 - HORIZONTAL COORDINATES
NAVD 88 - MSL ELEVATIONS

MAGNETIC DECLINATION
4°7' W - MAY 2014
ANNUAL RATE OF CHANGE 0° 06" W/YEAR

50' 25' 0' 50' 100'
SCALE: 1 INCH = 50 FEET

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE		
RUNWAY SAFETY AREA (RSA)	RSA	RSA
RUNWAY OBJECT FREE AREA (ROFA)	OFA	OFA
RUNWAY OBSTACLE FREE ZONE (ROFZ)	OFZ	OFZ
RUNWAY PROTECTION ZONE (RPZ)	RPZ	RPZ
BUILDING RESTRICTION LINE (BRL)	BRL	BRL
AIRPORT PAVEMENT		
AIRPORT BUILDINGS		
AIRPORT PROPERTY LINE / EASEMENTS		
FENCE		
GROUND ELEVATION CONTOURS	410	410

ALP APPROVAL BLOCK

HON. RICHARD DRIVER
CITY OF LAFAYETTE

DATE

DR.	CHK.	DATE	DESCRIPTION

BARGE DESIGN SOLUTIONS

DR.	CHK.	DATE	DESCRIPTION
RST	KEY	03/02/2016	FINAL

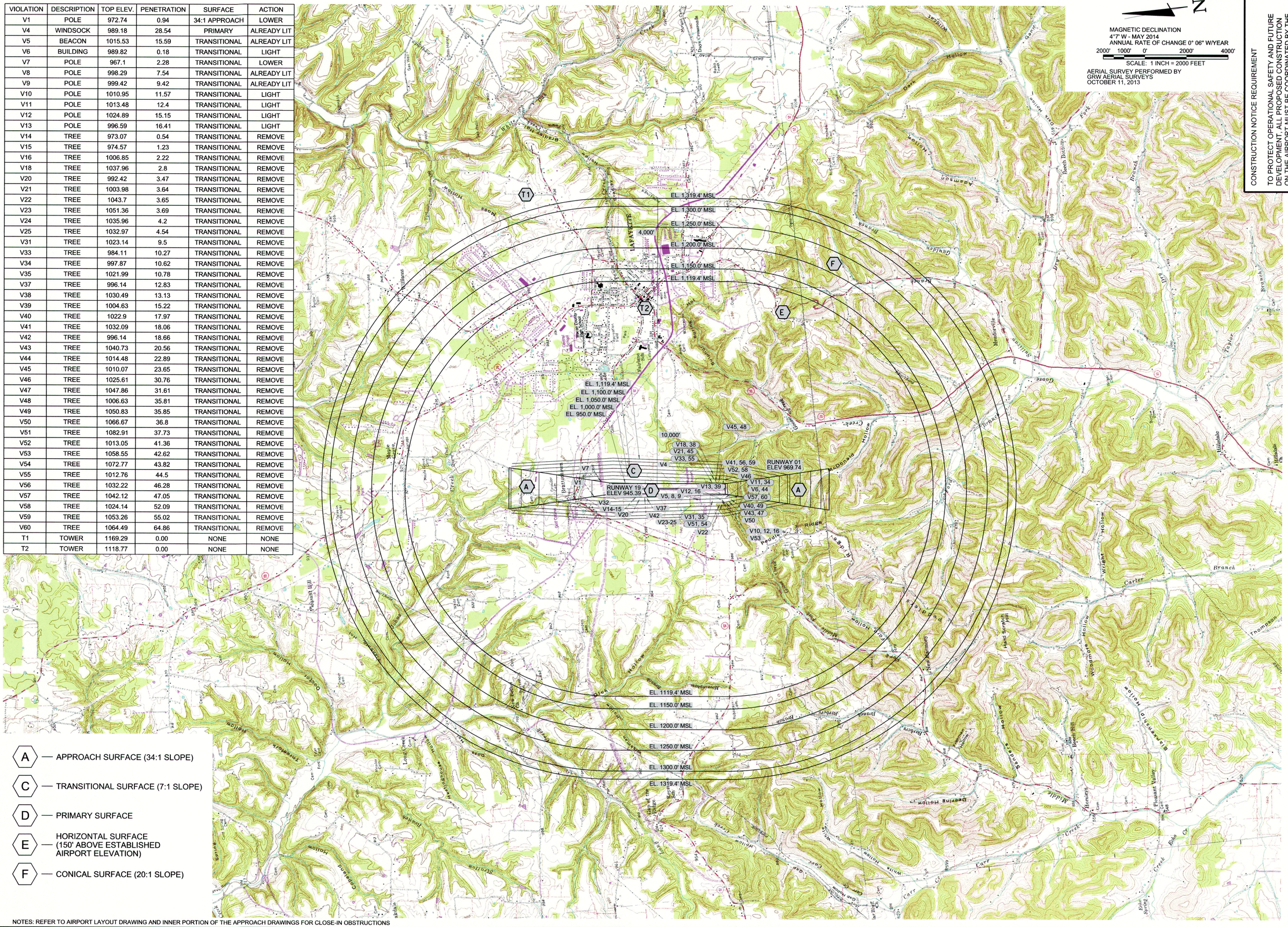
TERMINAL AREA DRAWING

LAFAYETTE MUNICIPAL AIRPORT
LAFAYETTE, MACON COUNTY, TENNESSEE

3 OF 9

FILE NO. 33282-06

VIOLATION	DESCRIPTION	TOP ELEV.	PENETRATION	SURFACE	ACTION
V1	POLE	972.74	0.94	34:1 APPROACH	LOWER
V4	WINDSOCK	989.18	28.54	PRIMARY	ALREADY LIT
V5	BEACON	1015.53	15.59	TRANSITIONAL	ALREADY LIT
V6	BUILDING	989.82	0.18	TRANSITIONAL	LIGHT
V7	POLE	967.1	2.28	TRANSITIONAL	LOWER
V8	POLE	998.29	7.54	TRANSITIONAL	ALREADY LIT
V9	POLE	999.42	9.42	TRANSITIONAL	ALREADY LIT
V10	POLE	1010.95	11.57	TRANSITIONAL	LIGHT
V11	POLE	1013.48	12.4	TRANSITIONAL	LIGHT
V12	POLE	1024.89	15.15	TRANSITIONAL	LIGHT
V13	POLE	996.59	16.41	TRANSITIONAL	LIGHT
V14	TREE	973.07	0.54	TRANSITIONAL	REMOVE
V15	TREE	974.57	1.23	TRANSITIONAL	REMOVE
V16	TREE	1006.85	2.22	TRANSITIONAL	REMOVE
V18	TREE	1037.96	2.8	TRANSITIONAL	REMOVE
V20	TREE	992.42	3.47	TRANSITIONAL	REMOVE
V21	TREE	1003.98	3.64	TRANSITIONAL	REMOVE
V22	TREE	1043.7	3.65	TRANSITIONAL	REMOVE
V23	TREE	1051.36	3.69	TRANSITIONAL	REMOVE
V24	TREE	1035.96	4.2	TRANSITIONAL	REMOVE
V25	TREE	1032.97	4.54	TRANSITIONAL	REMOVE
V31	TREE	1023.14	9.5	TRANSITIONAL	REMOVE
V33	TREE	984.11	10.27	TRANSITIONAL	REMOVE
V34	TREE	997.87	10.62	TRANSITIONAL	REMOVE
V35	TREE	1021.99	10.78	TRANSITIONAL	REMOVE
V37	TREE	996.14	12.83	TRANSITIONAL	REMOVE
V38	TREE	1030.49	13.13	TRANSITIONAL	REMOVE
V39	TREE	1004.63	15.22	TRANSITIONAL	REMOVE
V40	TREE	1022.9	17.97	TRANSITIONAL	REMOVE
V41	TREE	1032.09	18.06	TRANSITIONAL	REMOVE
V42	TREE	996.14	18.66	TRANSITIONAL	REMOVE
V43	TREE	1040.73	20.56	TRANSITIONAL	REMOVE
V44	TREE	1014.48	22.89	TRANSITIONAL	REMOVE
V45	TREE	1010.07	23.65	TRANSITIONAL	REMOVE
V46	TREE	1025.61	30.76	TRANSITIONAL	REMOVE
V47	TREE	1047.86	31.61	TRANSITIONAL	REMOVE
V48	TREE	1006.63	35.81	TRANSITIONAL	REMOVE
V49	TREE	1050.83	35.85	TRANSITIONAL	REMOVE
V50	TREE	1066.67	36.8	TRANSITIONAL	REMOVE
V51	TREE	1082.91	37.73	TRANSITIONAL	REMOVE
V52	TREE	1013.05	41.36	TRANSITIONAL	REMOVE
V53	TREE	1058.55	42.62	TRANSITIONAL	REMOVE
V54	TREE	1072.77	43.82	TRANSITIONAL	REMOVE
V55	TREE	1012.76	44.5	TRANSITIONAL	REMOVE
V56	TREE	1032.22	46.28	TRANSITIONAL	REMOVE
V57	TREE	1042.12	47.05	TRANSITIONAL	REMOVE
V58	TREE	1024.14	52.09	TRANSITIONAL	REMOVE
V59	TREE	1053.26	55.02	TRANSITIONAL	REMOVE
V60	TREE	1064.49	64.86	TRANSITIONAL	REMOVE
T1	TOWER	1169.29	0.00	NONE	NONE
T2	TOWER	1118.77	0.00	NONE	NONE



A — APPROACH SURFACE (34:1 SLOPE)

C — TRANSITIONAL SURFACE (7:1 SLOPE)

D — PRIMARY SURFACE

E — HORIZONTAL SURFACE (150' ABOVE ESTABLISHED AIRPORT ELEVATION)

F — CONICAL SURFACE (20:1 SLOPE)

NOTES: REFER TO AIRPORT LAYOUT DRAWING AND INNER PORTION OF THE APPROACH DRAWINGS FOR CLOSE-IN OBSTRUCTIONS

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ALP APPROVAL BLOCK

HON. RICHARD DRIVER DATE
CITY OF LAFAYETTE

DR.	CHK.	DATE	DESCRIPTION

BARGE DESIGN SOLUTIONS

DR.	CHK.	DATE	DESCRIPTION
RST	KEY	03/02/2016	FINAL

AIRSPACE DRAWING

LAFAYETTE MUNICIPAL AIRPORT

LAFAYETTE, MACON COUNTY, TENNESSEE

FILE NO. 33282-06

AERIAL SURVEY PERFORMED BY
GRW AERIAL SURVEYS
OCTOBER 11, 2013

MAGNETIC DECLINATION
4°7' W - MAY 2014
ANNUAL RATE OF CHANGE 0° 06" W/YEAR

200' 100' 0' 200' 400'
SCALE: 1 INCH = 200 FEET

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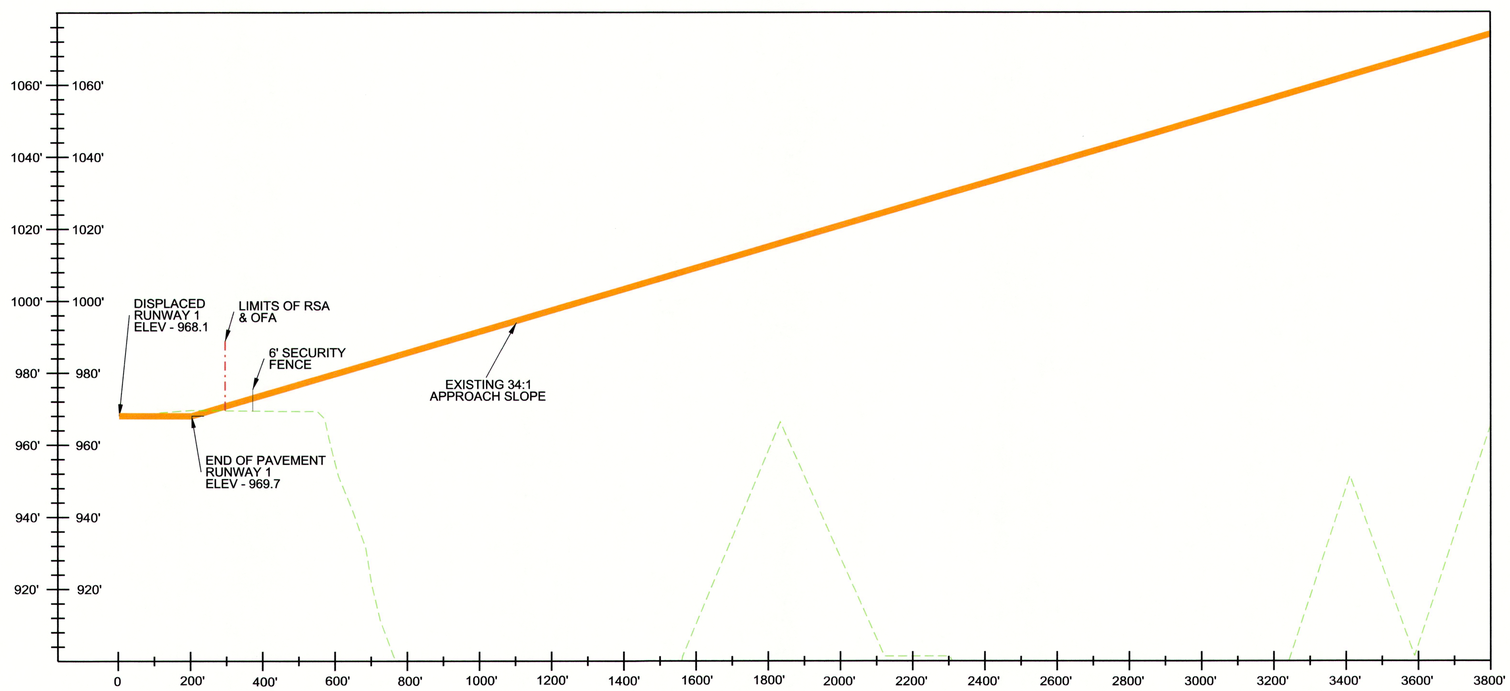


RUNWAY 1
INNER APPROACH PROFILE

200' 100' 0' 200' 400'
SCALE: 1 INCH = 200 FEET HORIZONTAL
20 FEET VERTICAL

ALP APPROVAL BLOCK

HON. RICHARD DRIVER DATE
CITY OF LAFAYETTE

DR.	CHK.	DATE	DESCRIPTION

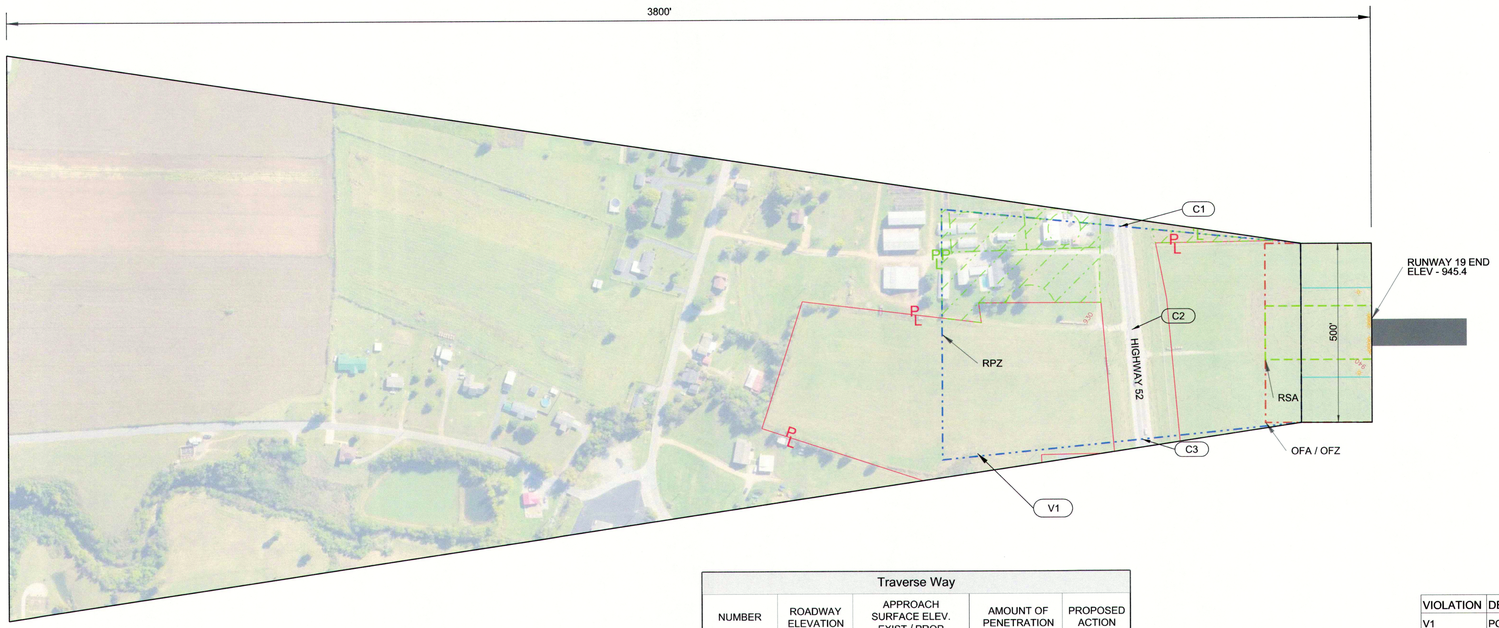
BARGE DESIGN SOLUTIONS

DR.	CHK.	DATE	DESCRIPTION
RST	KEY	03/02/2016	FINAL

RUNWAY 1 INNER APPROACH DRAWING

LAFAYETTE MUNICIPAL AIRPORT
LAFAYETTE, MACON COUNTY, TENNESSEE

FILE NO. 33282-06



MAGNETIC DECLINATION
4°7' W - MAY 2014
ANNUAL RATE OF CHANGE 0° 06" W/YEAR

200' 100' 0' 200' 400'
SCALE: 1 INCH = 200 FEET

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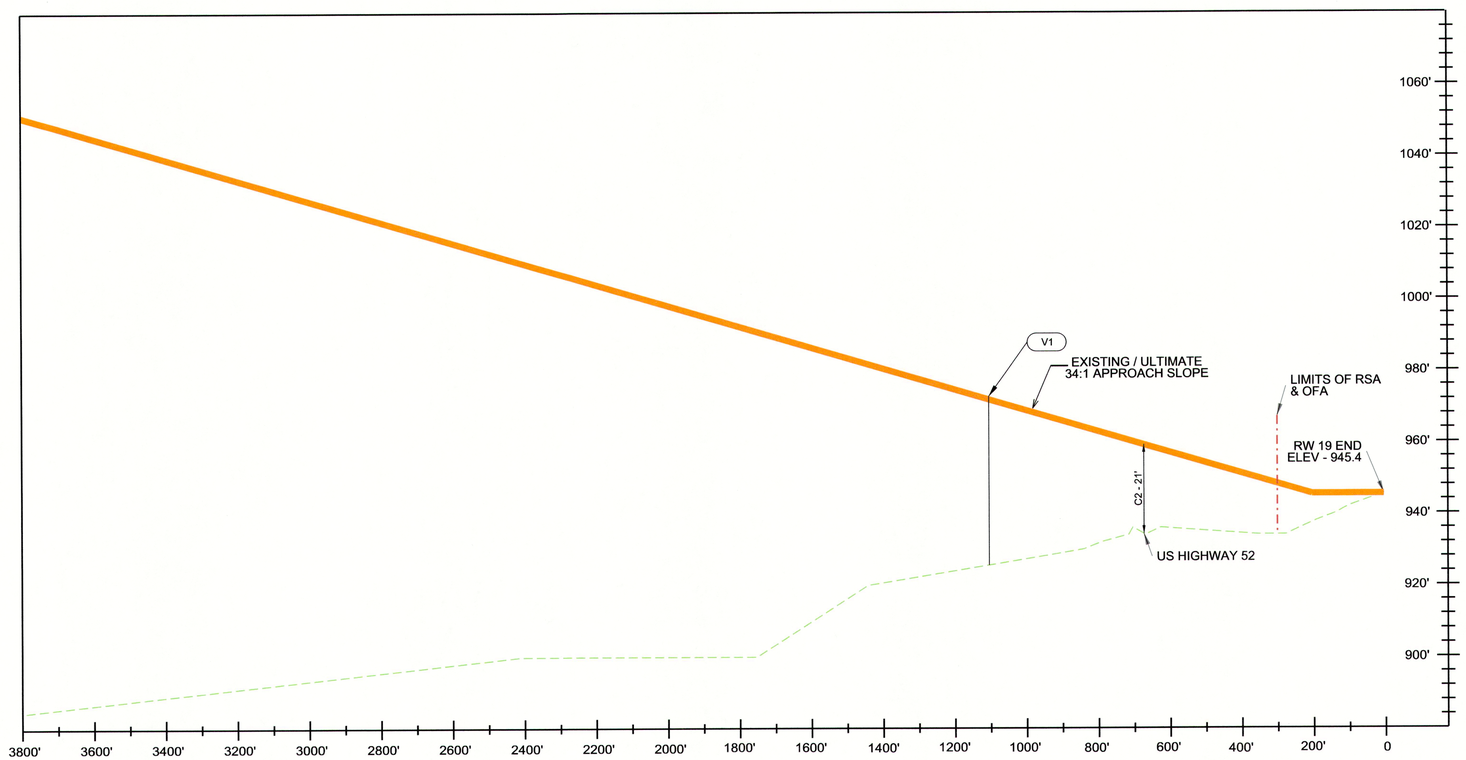
ALP APPROVAL BLOCK

HON. RICHARD DRIVER DATE
CITY OF LAFAYETTE

Traverse Way				
NUMBER	ROADWAY ELEVATION	APPROACH SURFACE ELEV. EXIST / PROP	AMOUNT OF PENETRATION	PROPOSED ACTION
C1	936.1'	960.0' / SAME	NONE	NONE
C2	938.2	959.2' / SAME	NONE	NONE
C3	938.5	958.3' / SAME	NONE	NONE

VIOLATION	DESCRIPTION	TOP ELEV.	PENETRATION	SURFACE	ACTION
V1	POLE	972.74	0.94	34:1 APPROACH	LOWER



RUNWAY 19
INNER APPROACH PROFILE

200' 100' 0' 200' 400'
SCALE: 1 INCH = 200 FEET HORIZONTAL
20 FEET VERTICAL

DR.	CHK.	DATE	DESCRIPTION

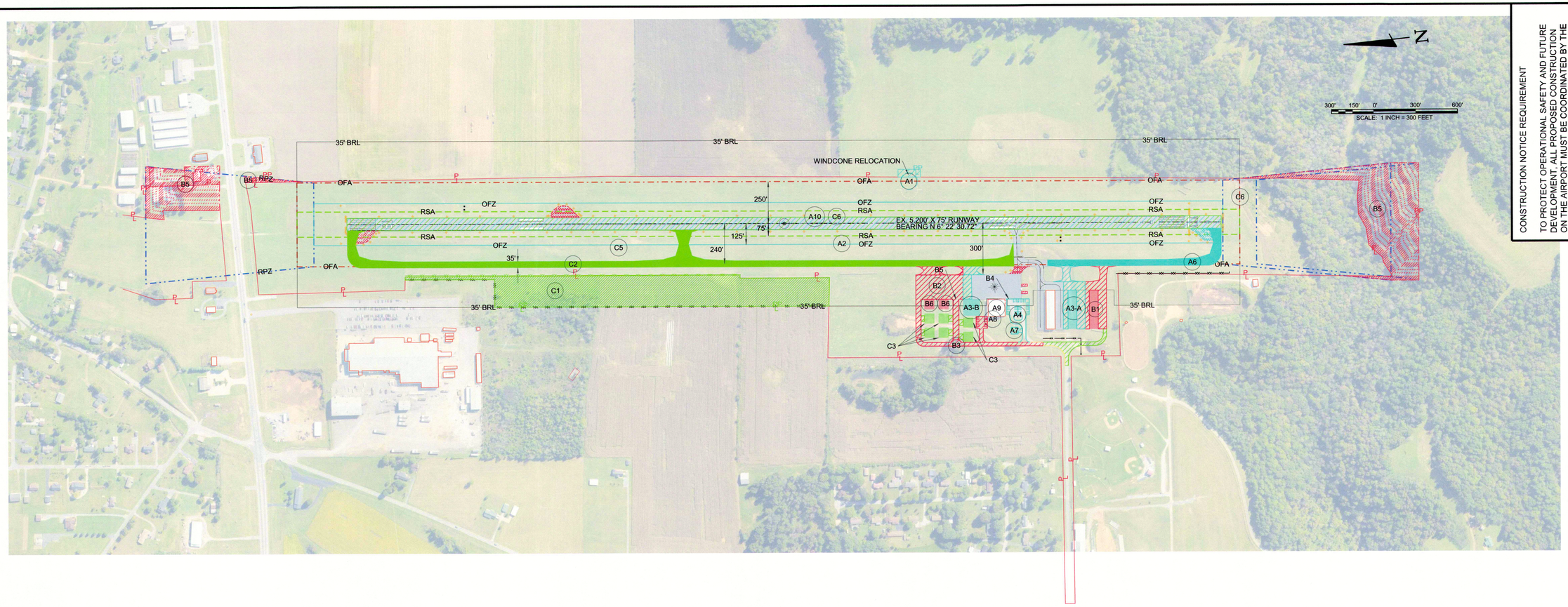
BARGE
DESIGN SOLUTIONS

DR.	CHK.	DATE	DESCRIPTION
RST	KEY	03/02/2015	FINAL

RUNWAY 19 INNER APPROACH DRAWING

LAFAYETTE MUNICIPAL AIRPORT
LAFAYETTE, MACON COUNTY, TENNESSEE

FILE NO. 33282-06



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CITY OF LAFAYETTE

DR.	CHK.	DATE	DESCRIPTION

BARGE DESIGN SOLUTIONS

DR.	CHK.	DATE	DESCRIPTION
RST	KEY	03/02/2016	FINAL

ACIP DRAWING

LAFAYETTE MUNICIPAL AIRPORT

LAFAYETTE, MACON COUNTY, TENNESSEE

FILE NO. 33282-06

LEGEND

DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE		
RUNWAY SAFETY AREA (RSA)	RSA	RSA
RUNWAY OBJECT FREE AREA (ROFA)	OFA	OFA
RUNWAY OBSTACLE FREE ZONE (ROFZ)	OFZ	OFZ
RUNWAY PROTECTION ZONE (RPZ)	RPZ	RPZ
BUILDING RESTRICTION LINE (BRL)	BRL	BRL
AIRPORT PAVEMENT		
AIRPORT REFERENCE POINT		
AIRPORT BUILDINGS		
OTHER BUILDINGS		
AIRPORT PROPERTY LINE / EASEMENTS		
OTHER PROPERTY LINES		
RAILROAD		
FENCE		
ROADS		
TREE LINE		
GROUND ELEVATION CONTOURS	410	410
PAVEMENT TO BE REMOVED		
PAPI*		
AWOS*	N / A	
WINDCONE*		

Aviation Activity Summary
Lafayette Municipal Airport (K3M7) (2016)

Based Aircraft	28	
Single engine	16	
Single engine jet	1	
Multi engine	2	
Ultralight	9	
Operations	12,180	
Local general aviation	5,000	41.1%
Itinerant general aviation	5,000	41.1%
Air taxi	100	0.1%
Military	2,080	17.1%
Critical Design Aircraft	Cessna Citation V	
T-Hangar Wait List	?	
Annual Inst. Approaches	223	
Runway Design Code	B-II	

FACILITIES

EXISTING			PROPOSED		
#	FACILITY NAME	TOP ELEVATION	#	FACILITY NAME	TOP ELEVATION
B1	TERMINAL / HANGAR	982.1	P1	100' X 100' CORP. HANGAR	981.1
B2	10-UNIT T-HANGAR	980.8	P2	10-UNIT T-HANGAR (42'x12' DOORS)	980.8
B3	FUEL FARM	969.3	P3	60' X 60' BOX HANGAR	979.8
B4	WINDCONE	989.2	P4	60' X 60' BOX HANGAR	979.5
			P5	AWOS	
			P6	HELICOPTER PARKING	

PROPOSED CAPITAL IMPROVEMENT PLAN PROJECTS

PROJECTS	*YEAR*	*TOTAL*	*NARRATIVE*
STAGE I (0-4 YR)			
A1. Windcone relocated outside Object Free Area	2017	$35,000	A1. Existing windcone is inside runway object free area. Needs to be relocated.
A2. Improve line of site from hold line to runway 19 end	2018	$350,000	A2. Small aircraft holding at runway hold position cannot see runway 19 threshold area due to high terrain. Terrain is outside object free area.
A3-A. 10-Unit T-Hangar (pending waiting list)	2019	$750,000	A3-A, B. Airport is maintaining a waiting list, and will decide to build T-Hangar or Corporate hangar based off need.
A3-B. 100' x 100' Corporate Hangar (pending waiting list)	2020	$600,000	
A4. Landslide auto parking improvements.		$190,000	A4. Auto parking additions and drainage improvements to keep runoff out of terminal building.
A6. Partial parallel taxiway (South end)		$650,000	A6. Partial parallel taxiway from existing T-Hangar stub to threshold of runway 01.
A7. Helicopter parking area for access outside the gates		$55,000	A7. Helicopter parking area located outside the fence in the event an emergency vehicle does not have gate access to airfield.
A8. Airfield Lighting Improvements & Relocated Vault		$225,000	A8. Replace exisitng airfield lighting system, and install new electrical vault.
A9. Terminal & Hangar Maintenance and Improvements		$100,000	A9. General maintenance on existing hangar buildings (new roof, skin, paint, etc.).
A10. Runway crack repair & seal coat		$125,000	A10. Runway crack repair & seal coat.
TOTAL STAGE I*		$3,130,000	
STAGE II (5-8 YR)	2021		
B1. 10-Unit T-Hangar (pending waiting list)	2022	$750,000	B1. 10-Unit T-Hangar to be constructed when airport's waiting list is full.
B2. Aircraft apron expansion (275' x 150')	2023	$150,000	B2. Aircraft apron expansion to accomodate additional aircraft expected at the airport.
B3. Secondary Access road to expanded apron	2024	$45,000	B3. Secondary access road to alleviate congestion around existing airside access gate.
B4. Electronic access gates		$35,000	B4. All gates to be convereted to electronic access gates to standardize access and create record of those visiting airfield.
B5. Property acquisition for areas inside the runway protection zone		$520,000	B5. Property acquisition for areas inside the runway protection zone.
B6. 60' x 60' Corporate hangars (pending waiting list)		$800,000	B6. 60' x 60' Corporate hangars to be constructed as needed.
TOTAL STAGE II*		$2,525,000	
GRAND TOTAL*		$5,530,000	
STAGE III (8+ YR) FOR INFORMATION ONLY	2025		
C1. Property acqusition for future parallel taxiway	2026		C1. Property acqusition for future parallel taxiway. Area includes taxiway object free area.
C2. Partial parallel taxiway (North end)	2027		C2. Partial parallel taxiway from existing T-Hangar stub to threshold of runway 19.
C3. 60' x 60' Corporate Hangars			C3. 60' x 60' Corporate hangars to be constructed as needed.
C4. Runway safety area (RSA) improvement to runway 01 (Potential retaining wall)			C4. Runway 01 safety area is showing signs of erosion and slipping at the southeast corner. Further study to be conducted to determine best course of action. Action alternates may include a retaining wall.
C5. Sink hole repairs			C5. Existing sink holes have been noted in the object free area, and may need future repair.
C6. Runway strengthening overlay			C6. Runway overlay to strengthen the runway for future traffic.
C7. Airport layout plan (ALP) Update			C7. Complete a new airport layout plan (ALP) update.

*ALL COSTS ARE SHOWN IN 2015 DOLLARS.