

COVINGTON MUNICIPAL AIRPORT

COVINGTON, TENNESSEE

AIRPORT LAYOUT PLAN

TAD NO: 84-555-0725-04

JUNE 2013

INDEX OF SHEETS

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8. AIRPORT PROPERTY MAP
9. CAPITAL IMPROVEMENTS PLAN

BWSC

BARGE
WAGGONER
SUMNER &
CANNON, INC.

ENGINEERS AND PLANNERS

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Phone (901) 755-7166 Fax (901) 755-7844

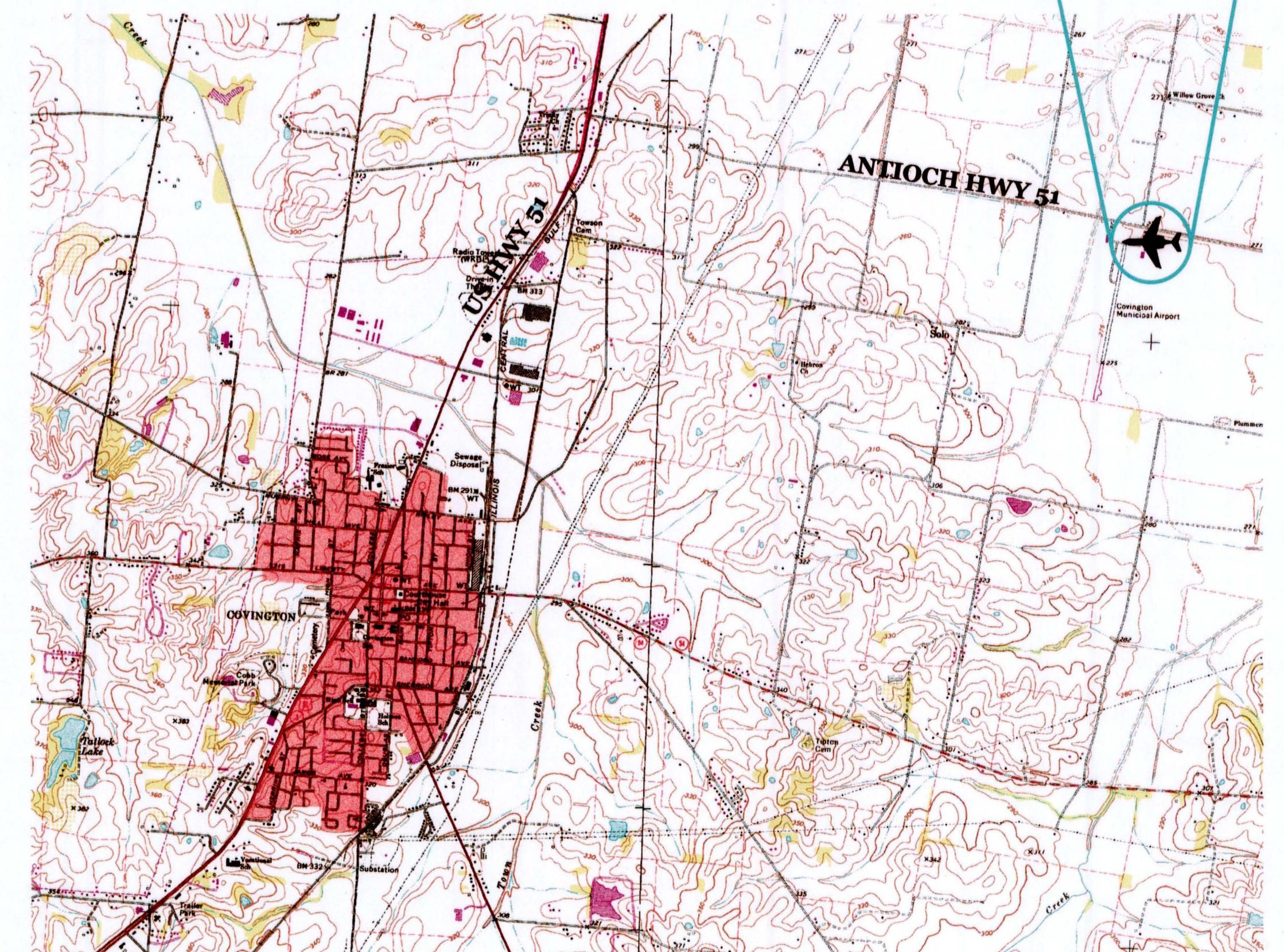
CRITICAL
AIRPORT
INFORMATION

PLANNING & PROGRAMMING
OFFICIAL COPY

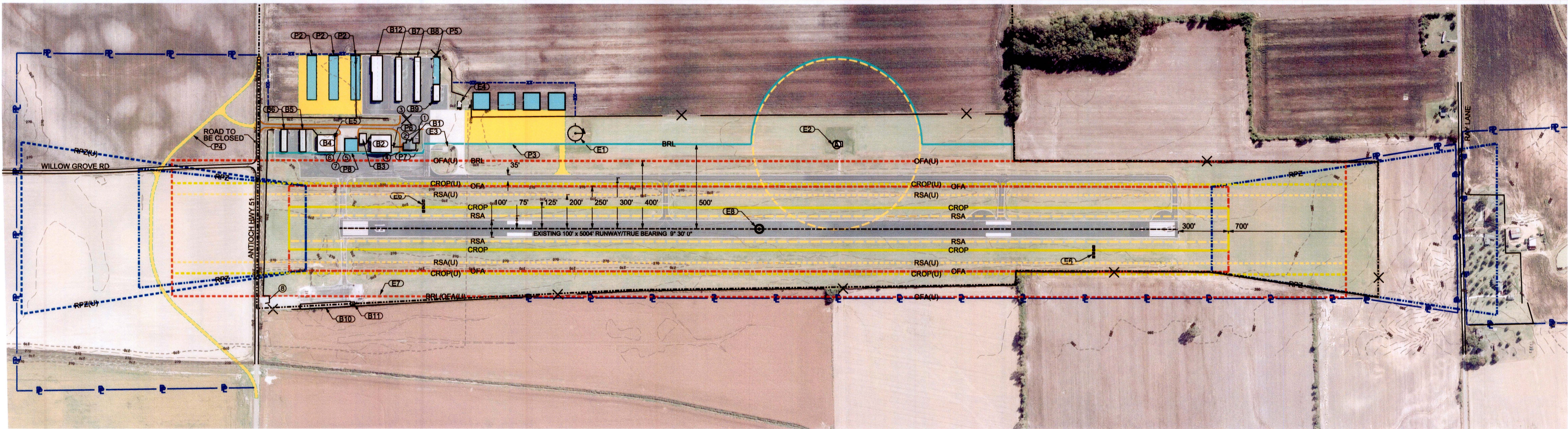
COVINGTON
MUNICIPAL
AIRPORT



LOCATION MAP
(NTS)



VICINITY MAP
(NTS)



RUNWAY DATA					
RUNWAY DATA			RUNWAY 01/19		
			EXISTING	PROPOSED	
EFFECTIVE GRADIENT (%)			0.2%	SAME	
MAXIMUM GRADE CHANGE			0.27%	SAME	
WIND COVERAGE (%)			99.60%	SAME	
MAX. ELEVATION (MSL)		RWY 01	280.0'	SAME	
		RWY 19	272.0'	SAME	
RUNWAY LENGTH			5,004'	SAME	
RUNWAY WIDTH			100	SAME	
DISPLACED THRESHOLD*		RWY 01	N/A	N/A	
		RWY 19	N/A	N/A	
USABLE RUNWAY LENGTH			5,004'	SAME	
SURFACE TYPE			ASPHALT	SAME	
PAVEMENT STRENGTH		SINGLE WHEEL	15,000	30,000	
		DUAL WHEEL	35,000	67,700	
APPROACH SURFACE SLOPE		RWY 01	34:1	SAME	
		RWY 19	20:1	34:1	
APPROACH VISIBILITY MINIMUMS		RWY 01	1 MILE	SAME	
		RWY 19	VISUAL	1 MILE	
VISUAL APPROACH AIDS		RWY 01	PAPI/REIL	SAME	
		RWY 19	PAPI/REIL	SAME	
INSTRUMENT APPROACH AIDS		RWY 01	RNAV(GPS)	SAME	
		RWY 19	VISUAL	RNAV(GPS)	
RUNWAY LIGHTING			MIRL	SAME	
RUNWAY MARKING			NON-PRECISION	SAME	
AIRPORT REFERENCE CODE (ARC)			B-II	C-II	
CRITICAL AIRCRAFT			CITATION-III	G-III	
STAGE LENGTH			N/A	N/A	
RUNWAY OBJECT FREE AREA (ROFA)		LENGTH BEYOND RUNWAY	300'	1,000'	
		WIDTH	500'	800'	
RUNWAY SAFETY AREA (RSA)		LENGTH BEYOND RUNWAY	300'	1,000'	
		WIDTH	150'	400'	
RUNWAY PROTECTION ZONE (RPZ)		LENGTH	RWY 01	1,700'	SAME
			RWY 19	1,000'	1,700'
		INNER WIDTH	RWY 01	500'	SAME
			RWY 19	500'	SAME
		OUTER WIDTH	RWY 01	1,010'	SAME
			RWY 19	700'	1,010'
FAR PART 77 CATEGORY		RWY 01	C	SAME	
		RWY 19	B(V)	C	
RUNWAY END COORDINATES (NAD 83)		LATITUDE	RWY 01	N 35° 34' 35.68"	SAME
			RWY 19	W 89° 35' 18.77"	SAME
		LONGITUDE	RWY 01	N 35° 35'24.55"	SAME
			RWY 19	W 89° 35' 09.25"	SAME
RUNWAY END ELEVATIONS (MSL)			RWY 01	280.0	SAME
			RWY 19	272.0	SAME
DISPLACED THRESHOLD ELEVATION (MSL)			RWY 01	N/A	N/A
			RWY 19	N/A	N/A
TDZ ELEVATION (MSL)			RWY 01	280.0	SAME
			RWY 19	273.0	SAME
RUNWAY BEARING				N 9° 30' 0" E/ S 9° 30' 0" W	SAME

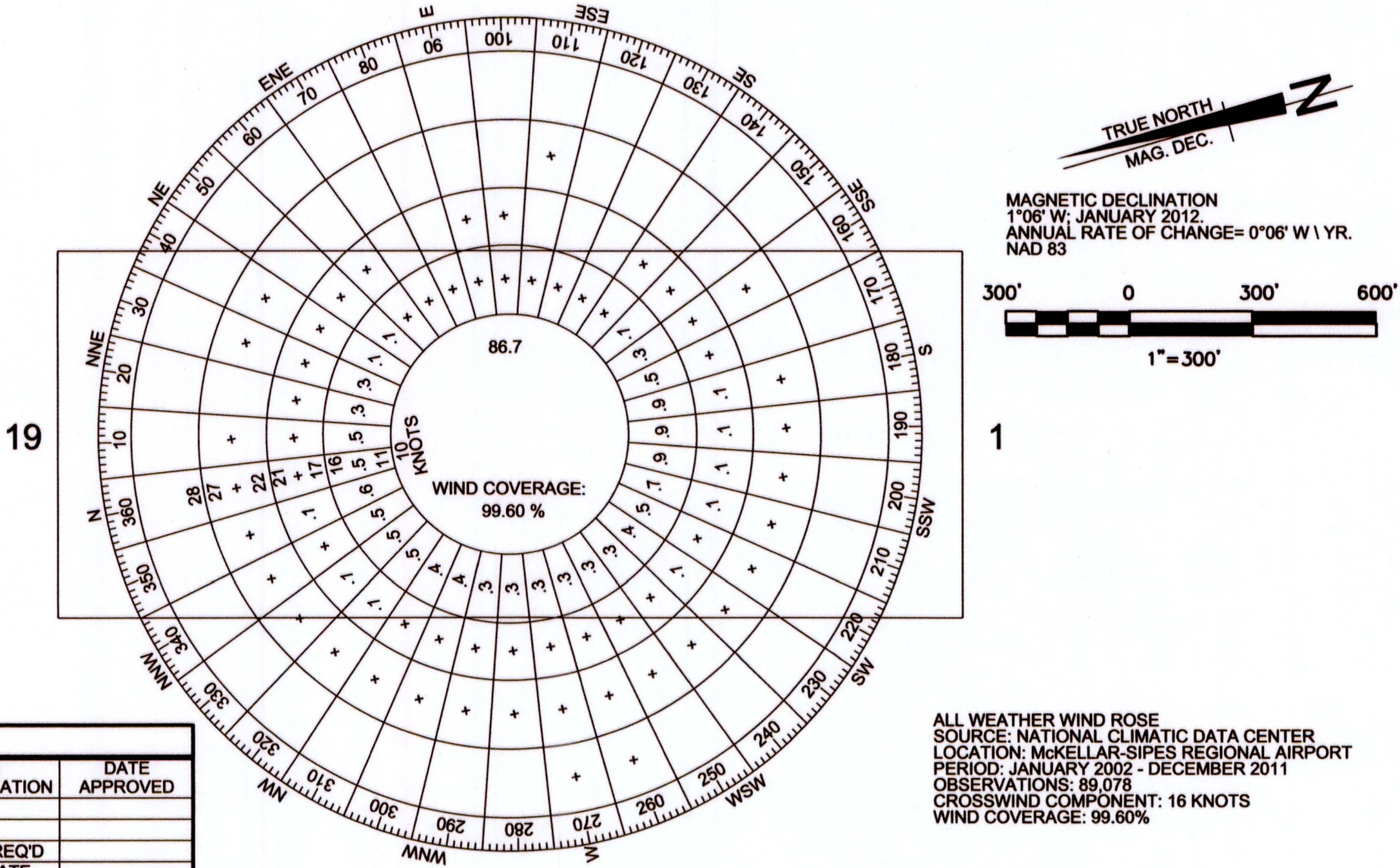
LEGEND		
DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE	---	---
RUNWAY SAFETY AREA (RSA)	---	---
RUNWAY OBJECT FREE AREA (ROFA)	---	---
RUNWAY PROTECTION ZONE (RPZ)	---	---
CROP LINES (CROP)	---	---
BUILDING RESTRICTION LINE (BRL)	---	---
AIRPORT PAVEMENT	---	---
AIRPORT REFERENCE POINT	---	---
AIRPORT BUILDINGS	---	---
OTHER BUILDINGS	---	---
AIRPORT PROPERTY LINE / EASEMENTS	---	---
OTHER PROPERTY LINES	---	---
RAILROAD	---	---
FENCE	---	---
ROADS	---	---
WETLANDS	---	---
GROUND ELEVATION CONTOURS	---	---
PAVEMENT TO BE REMOVED	---	---
VGSI	---	---
AWOS	---	---
WINDCONE	---	---
ROTATING BEACON	---	---

AIRPORT DATA			
AIRPORT DATA		EXISTING	PROPOSED
AIRPORT ELEVATION (MSL)		280.0'	SAME
AIRPORT REFERENCE POINT (NAD 83)	LATITUDE	N 35° 35' 00.11"	SAME
	LONGITUDE	W 89° 35' 13.99"	SAME
MEAN MAX TEMPERATURE OF HOTTEST MONTH		90.8°F	SAME
AIRPORT TERMINAL AREA NAVAIDS		GPS	SAME
AIRPORT REFERENCE CODE / RUNWAY		B-II	C-II
DESIGN AIRCRAFT		CITATION-III	G-III
TAXIWAY LIGHTING		MITL	SAME

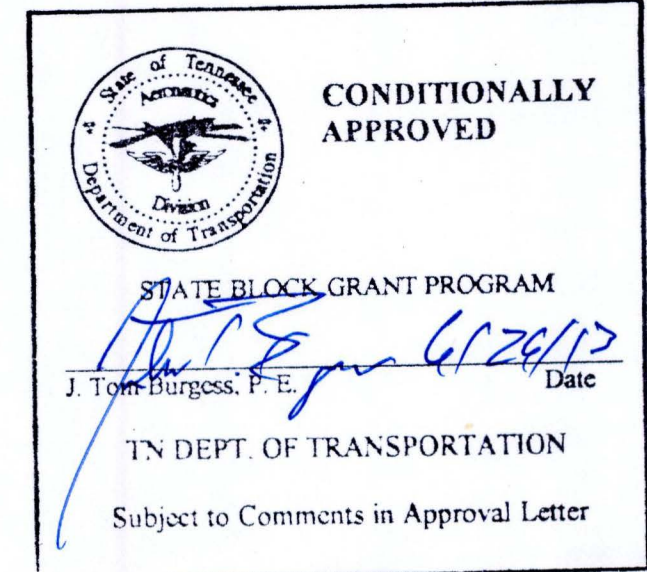
GATE INFORMATION	
GATE NO.	DESCRIPTION
1	DOUBLE GATE W/ PADLOCK
2	WALK THROUGH GATE W/ PADLOCK
3	ELECTRONIC GATE W/ KEYPAD
4	ELECTRONIC GATE W/ KEYPAD
5	WALK THROUGH GATE W/ PADLOCK
6	WALK THROUGH GATE W/ PADLOCK
7	ELECTRONIC GATE W/ KEYPAD
8	ELECTRONIC GATE W/ KEYPAD

RUNWAY SAFETY AREA DETERMINATION						
RUNWAY END NUMBER	STANDARD RSA LENGTH BEYOND	WIDTH	ACTUAL RSA LENGTH BEYOND	WIDTH	VIOLATIONS TO RSA ALONG SIDE OF RUNWAY	RSA DETERMINATION
EXISTING RWY 01	300	150	300	150	NO	NA
ULTIMATE RWY 01	1000	400	1000	400	NO	NA
EXISTING RWY 19	300	150	300	150	YES-SLOPE	FILL AS REQ'D
ULTIMATE RWY 19	1000	400	1000	400	YES-ROAD	RELOCATE

FACILITIES				
EXISTING			PROPOSED	
#	FACILITY NAME	TOP ELEVATION	#	FACILITY NAME
B1	TERMINAL BUILDING	297.3'	P1	100' X 100' CORPORATE HANGAR
B2	100' X 120' PAINT SHOP HANGAR	307.4'	P2	10-UNIT T-HANGAR
B3	40' X 60' PAINT SHOP OFFICE	289.0'	P3	AIRCRAFT PARKING APRON
B4	80' X 100' PAINT SHOP HANGAR	297.5'	P4	RELOCATED ANTIOCH-HWY 51
B5	4-UNIT T-HANGAR	287.3'	P5	ROW HANGAR
B6	4-UNIT T-HANGAR	287.2'	P6	ELECTRICAL VAULT
B7	8-UNIT T-HANGAR	287.4'	P7	GENERATOR
B8	8-UNIT T-HANGAR	287.4'	P8	80' X 80' CORPORATE HANGAR
B9	2-UNIT T-HANGAR	293.4'		
B10	6 SLOT OPEN BAY HANGAR	286.8'		
B11	OFFICE	282.3'		
B12	10-UNIT T-HANGAR	294.0'		
E1	SEGMENTED CIRCLE AND WIND SOCK			
E2	AWOS III			
E3	HELICOPTER PARKING PAD			
E4	FUEL FARM			
E5	ROTATING BEACON			
E6	PAPI			
E7	DECOMMISSIONED NDB (TO BE REMOVED)			
E8	AIRPORT REFERENCE POINT			



- Notes:
1. All GVGSi siting must be in accordance with FAA guidance.
 2. All coordinates based on NAD 83.



See Pages 5 & 6
for Part 77 Violations

ALP APPROVAL BLOCK

6-19-2013
DATE

DAVID W. GORDON
MAYOR, COVINGTON

CONSTRUCTION NOTICE REQUIREMENT

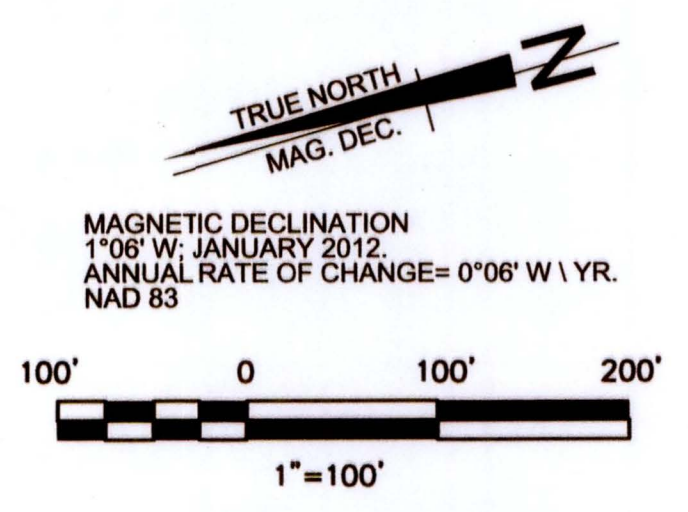
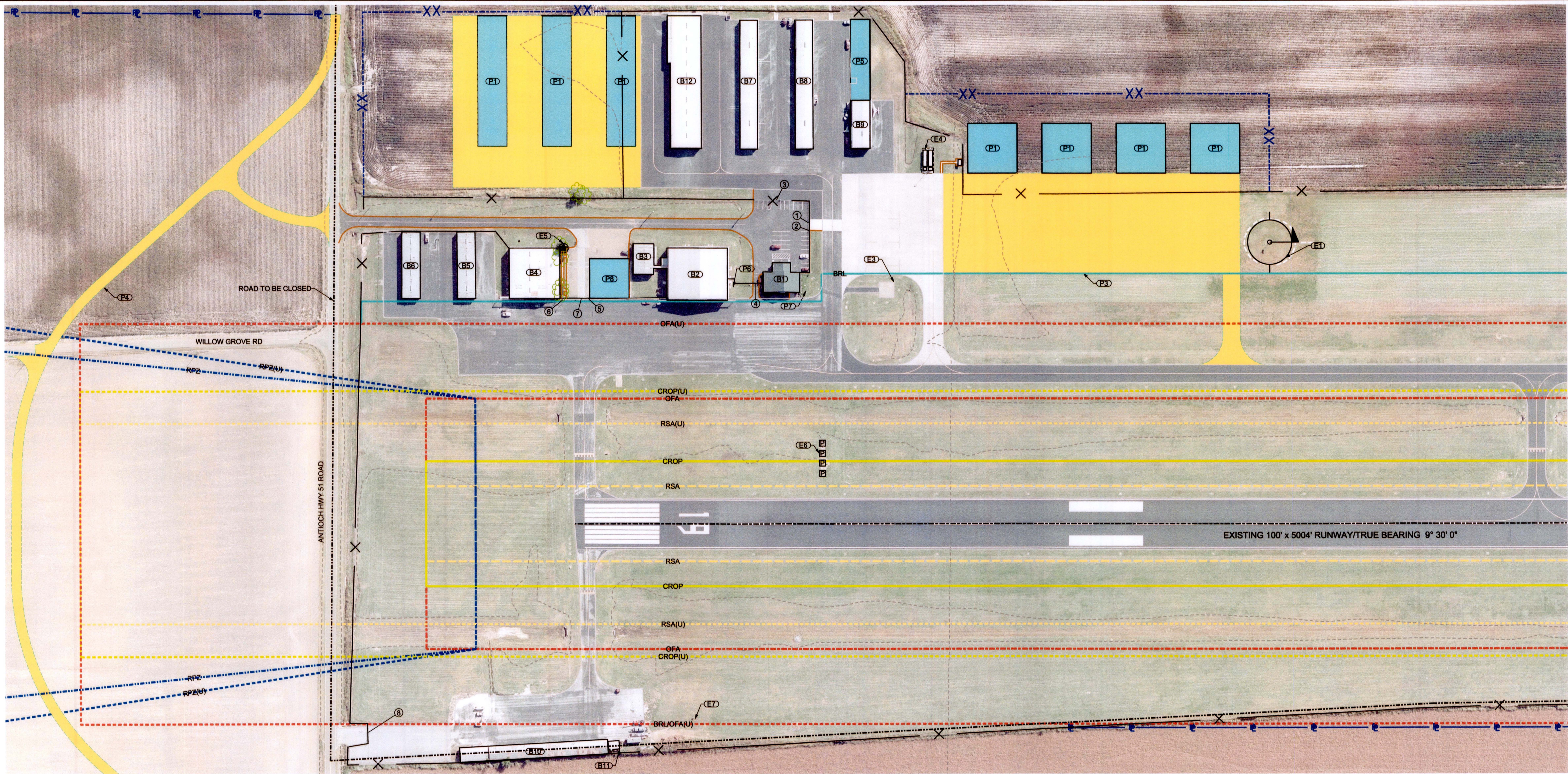
TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA REVIEW TAKES APPROXIMATELY 60 DAYS.

AIRPORT LAYOUT PLAN

COVINGTON MUNICIPAL AIRPORT

COVINGTON, TENNESSEE

BWSC		ENGINEERS AND SURVEYORS	
DR.	CHK.	DATE	DESCRIPTION
JKP	CAG	JUNE 2013	ORIGINAL ISSUE



MAGNETIC DECLINATION
1°06' W. JANUARY 2012
ANNUAL RATE OF CHANGE= 0°06' W \ YR.
NAD 83

AIRPORT DATA			
AIRPORT DATA		EXISTING	PROPOSED
AIRPORT ELEVATION (MSL)		280.0'	SAME
AIRPORT REFERENCE POINT (NAD 83)	LATITUDE	N 35° 35' 00.11"	SAME
	LONGITUDE	W 89° 35' 13.99"	SAME
MEAN MAX TEMPERATURE OF HOTTEST MONTH		90.8°F	SAME
AIRPORT TERMINAL AREA NAVAIDS		GPS	SAME
AIRPORT REFERENCE CODE / RUNWAY		B-II	C-II
DESIGN AIRCRAFT		CITATION-III	G-III
TAXIWAY LIGHTING		MITL	SAME

GATE INFORMATION	
GATE NO.	DESCRIPTION
1	DOUBLE GATE W/ PADLOCK
2	WALK THROUGH GATE W/ PADLOCK
3	ELECTRONIC GATE W/ KEYPAD
4	ELECTRONIC GATE W/ KEYPAD
5	WALK THROUGH GATE W/ PADLOCK
6	WALK THROUGH GATE W/ PADLOCK
7	ELECTRONIC GATE W/ KEYPAD
8	ELECTRONIC GATE W/ KEYPAD

FACILITIES					
EXISTING			PROPOSED		
#	FACILITY NAME	TOP ELEVATION	#	FACILITY NAME	TOP ELEVATION
B1	TERMINAL BUILDING	297.3'	P1	100' X 100' CORPORATE HANGAR	
B2	100' X 120' PAINT SHOP HANGAR	307.4'	P2	10-UNIT T-HANGAR	
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B11	OFFICE	282.3'			
B12	10-UNIT T-HANGAR	294.0'			
E1	SEGMENTED CIRCLE AND WIND SOCK				
E2	AWOS III				
E3	HELICOPTER PARKING PAD				
E4	FUEL FARM				
E5	ROTATING BEACON				
E6	PAPI				
E7	DECOMMISSIONED NDB (TO BE REMOVED)				
E8	AIRPORT REFERENCE POINT				

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE	---	---
RUNWAY SAFETY AREA (RSA)	---	---RSA(U)---
RUNWAY OBJECT FREE AREA (ROFA)	---	---OFA(U)---
RUNWAY PROTECTION ZONE (RPZ)	---	---RPZ(U)---
CROP LINES (CROP)	---	---CROP(U)---
BUILDING RESTRICTION LINE (BRL)	---	---BRL(U)---
AIRPORT PAVEMENT	---	---
AIRPORT REFERENCE POINT	---	---
AIRPORT BUILDINGS	---	---
OTHER BUILDINGS	---	---
AIRPORT PROPERTY LINE / EASEMENTS	---	---
OTHER PROPERTY LINES	---	---
RAILROAD	---	---
FENCE	---	---
ROADS	---	---
WETLANDS	---	---
GROUND ELEVATION CONTOURS	---	---
PAVEMENT TO BE REMOVED	---	---
VGSI	---	---
AWOS	---	---
WINDCONE	---	---
ROTATING BEACON	---	---

BWSC
ENGINEERS, PLANNERS AND SURVEYORS
BARGE WAGGONER SUMNER & CANNON, INC.

DR.	CHK.	DATE	DESCRIPTION
JKP	CAG	JUNE 2013	ORIGINAL ISSUE

ALP APPROVAL BLOCK
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DATE
6-14-2013
DAVID W. GORDON
MAYOR, COVINGTON

TERMINAL AREA PLAN

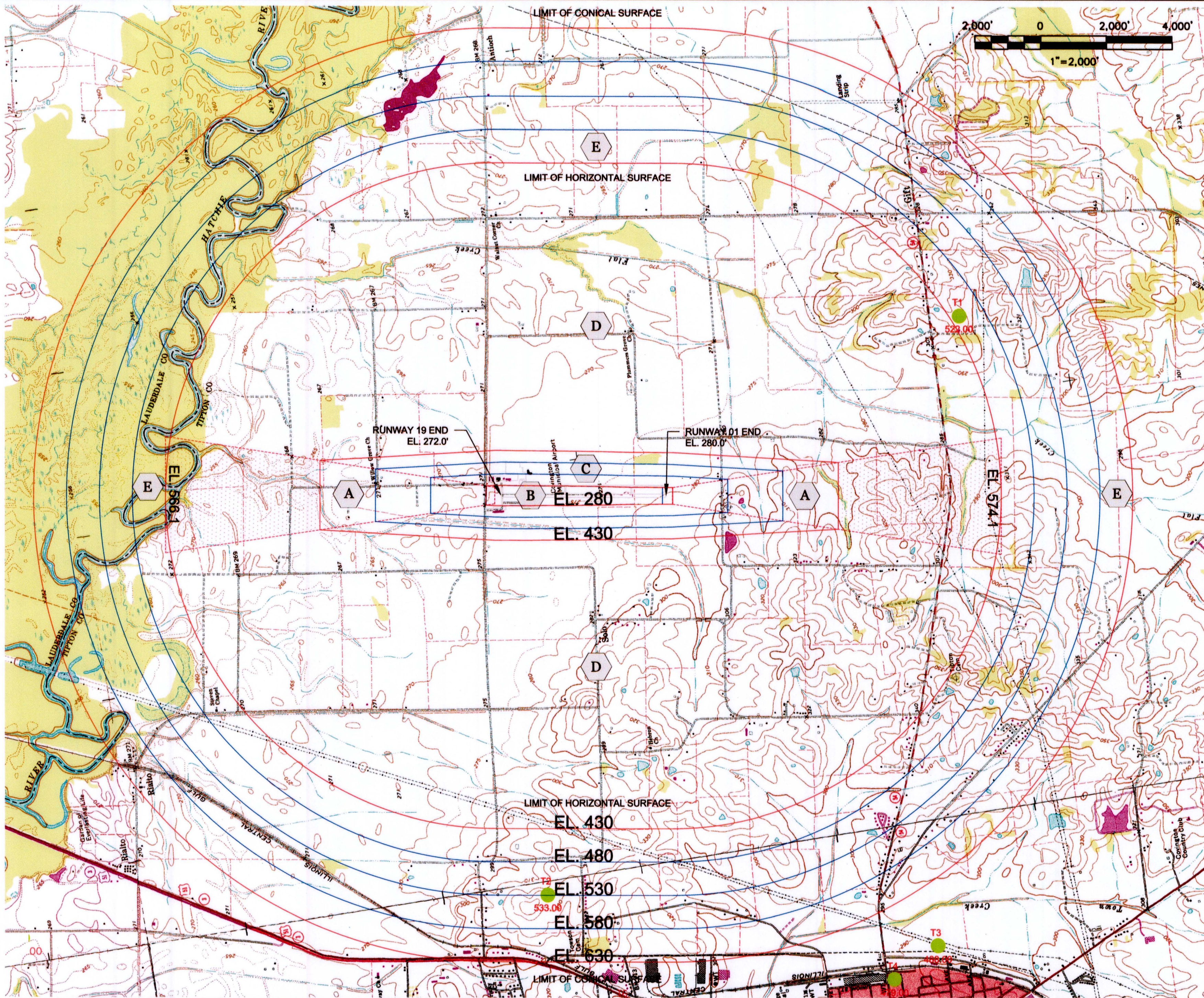
COVINGTON MUNICIPAL AIRPORT

COVINGTON, TENNESSEE

PART 77 OBSTRUCTIONS				
#	DESCRIPTION	TOP ELEVATION	EXISTING PENETRATION	PROPOSED ACTION
V1	TREE	331.8	34.1	REMOVE
V2	TREE	324.5	34.0	REMOVE
V3	TREE	327.3	33.0	REMOVE
V4	TREE	322.7	30.0	REMOVE
V5	TREE	324.0	29.2	REMOVE
V6	TREE	358.0	28.7	REMOVE
V7	TREE	326.0	28.6	REMOVE
V8	TREE	359.0	27.9	REMOVE
V9	TREE	310.2	24.6	REMOVE
V10	TREE	320.5	23.6	REMOVE
V11	TREE	355.2	23.5	REMOVE
V12	TREE	340.4	21.6	REMOVE
V13	TREE	351.6	20.2	REMOVE
V14	TREE	316.2	14.7	REMOVE
V15	TOWER	329.7	14.4	REMOVE
V16	TREE	305.6	13.1	REMOVE
V17	NDB	305.5	13.0	LIGHT
V18	TREE	313.9	12.8	REMOVE
V19	TREE	360.3	11.7	REMOVE
V20	TREE	302.0	11.5	REMOVE
V21	TREE	350.7	10.9	REMOVE
V22	TREE	310.5	10.7	REMOVE
V23	TREE	289.5	10.6	REMOVE
V24	TOWER	311.3	10.1	REMOVE
V25	TREE	297.0	9.9	TRIM OR REMOVE
V26	TREE	310.5	9.6	TRIM OR REMOVE
V27	TREE	288.9	9.6	TRIM OR REMOVE
V28	TREE	289.9	9.5	TRIM OR REMOVE
V29	TREE	304.5	9.5	TRIM OR REMOVE
V30	TREE	288.7	9.5	TRIM OR REMOVE
V31	TREE	288.9	9.4	TRIM OR REMOVE
V32	TREE	293.2	9.3	TRIM OR REMOVE
V33	TREE	288.9	9.3	TRIM OR REMOVE
V34	TREE	288.8	9.3	TRIM OR REMOVE
V35	TREE	352.6	9.3	TRIM OR REMOVE
V36	TREE	288.7	9.2	TRIM OR REMOVE
V37	TREE	288.5	9.2	TRIM OR REMOVE
V38	TREE	288.4	9.2	TRIM OR REMOVE
V39	TREE	288.7	9.1	TRIM OR REMOVE
V40	TREE	288.5	9.0	TRIM OR REMOVE
V41	TREE	288.7	9.0	TRIM OR REMOVE
V42	TREE	288.6	8.9	TRIM OR REMOVE
V43	TREE	287.9	8.9	TRIM OR REMOVE
V44	TREE	288.5	8.9	TRIM OR REMOVE
V45	TREE	288.1	8.9	TRIM OR REMOVE
V46	TREE	288.2	8.8	TRIM OR REMOVE
V47	TREE	288.2	8.8	TRIM OR REMOVE
V48	TREE	288.2	8.8	TRIM OR REMOVE
V49	TREE	288.0	8.7	TRIM OR REMOVE
V50	TREE	287.4	8.7	TRIM OR REMOVE
V51	TREE	299.1	8.5	TRIM OR REMOVE
V52	TREE	288.0	8.5	TRIM OR REMOVE
V53	TREE	288.1	8.4	TRIM OR REMOVE
V54	TREE	287.9	8.4	TRIM OR REMOVE
V55	TREE	287.6	8.4	TRIM OR REMOVE
V56	TREE	287.4	8.2	TRIM OR REMOVE
V57	TREE	287.8	8.2	TRIM OR REMOVE
V58	TREE	311.1	8.2	TRIM OR REMOVE
V59	TREE	287.3	8.1	TRIM OR REMOVE
V60	TREE	286.9	7.9	TRIM OR REMOVE
V61	TREE	287.2	7.9	TRIM OR REMOVE
V62	TREE	287.2	7.8	TRIM OR REMOVE
V63	TREE	286.5	7.3	TRIM OR REMOVE
V64	TREE	286.4	7.3	TRIM OR REMOVE
V65	TREE	286.4	7.1	TRIM OR REMOVE
V66	TREE	341.3	5.9	TRIM OR REMOVE
V67	TREE	297.2	5.5	TRIM OR REMOVE
V68	TREE	339.9	3.1	TRIM OR REMOVE
V69	TREE	292.1	1.9	TRIM OR REMOVE
V70	TREE	290.6	0.1	TRIM OR REMOVE

TOWER INFORMATION				
#	FCC REGISTRATION #	TOP ELEVATION	PART 77 ELEVATION	PENETRATION
T1	1273850	522.0	441.0	0.0
T2	1211693	533.0	533.0	0.0
T3	1222803	488.0	630.0	0.0
T4	1258990	479.0	630.0	0.0

	LIGHTED AND PAINTED
T1	YES
T2	NONE
T3	NONE
T4	NONE



LEGEND

A

— APPROACH SURFACE (34:1 SLOPE)

B

— PRIMARY SURFACE

C

— TRANSITIONAL SURFACE (7:1 SLOPE)

D

— HORIZONTAL SURFACE (150' ABOVE ESTABLISHED AIRPORT ELEVATION)

E

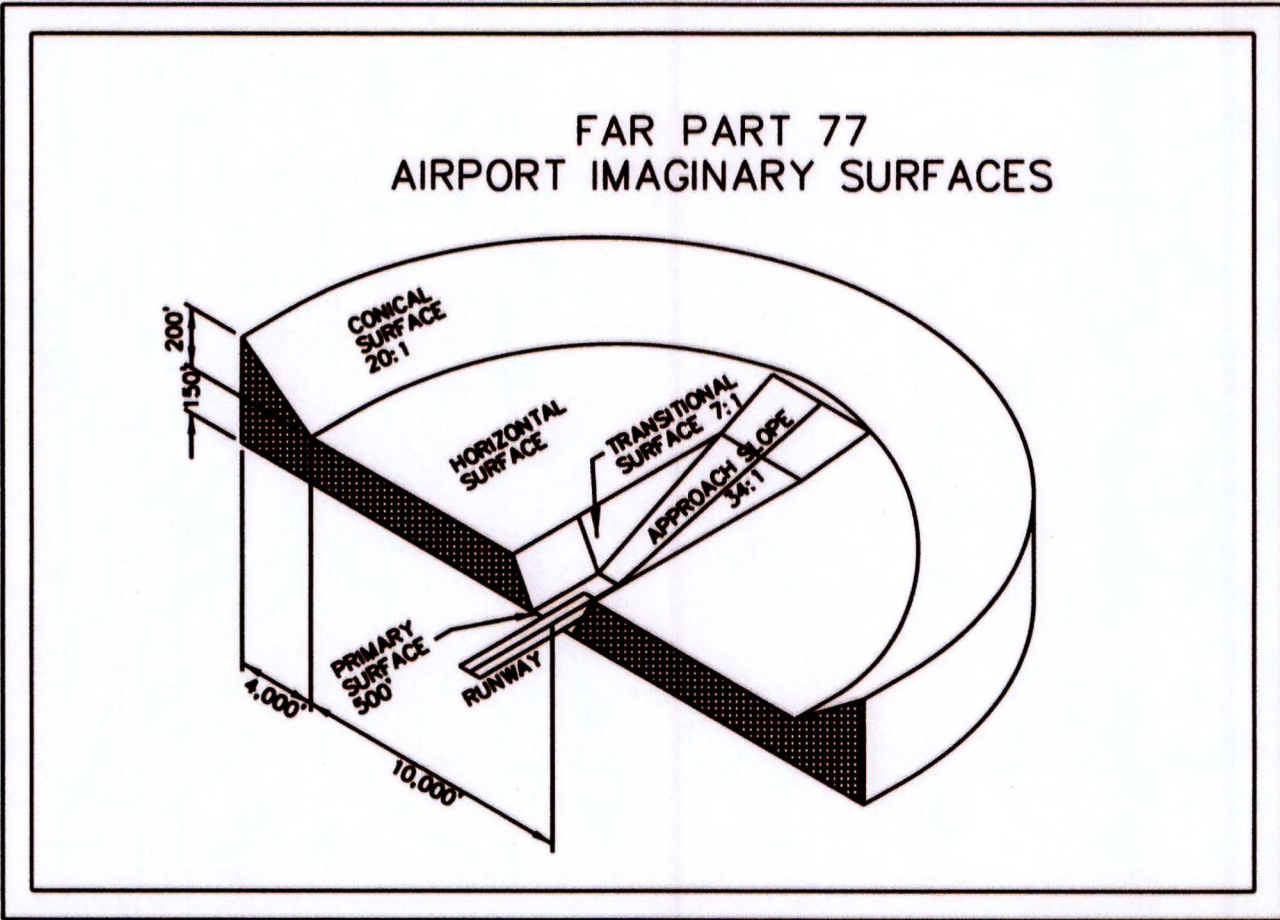
— CONICAL SURFACE (20:1 SLOPE)

TOWER

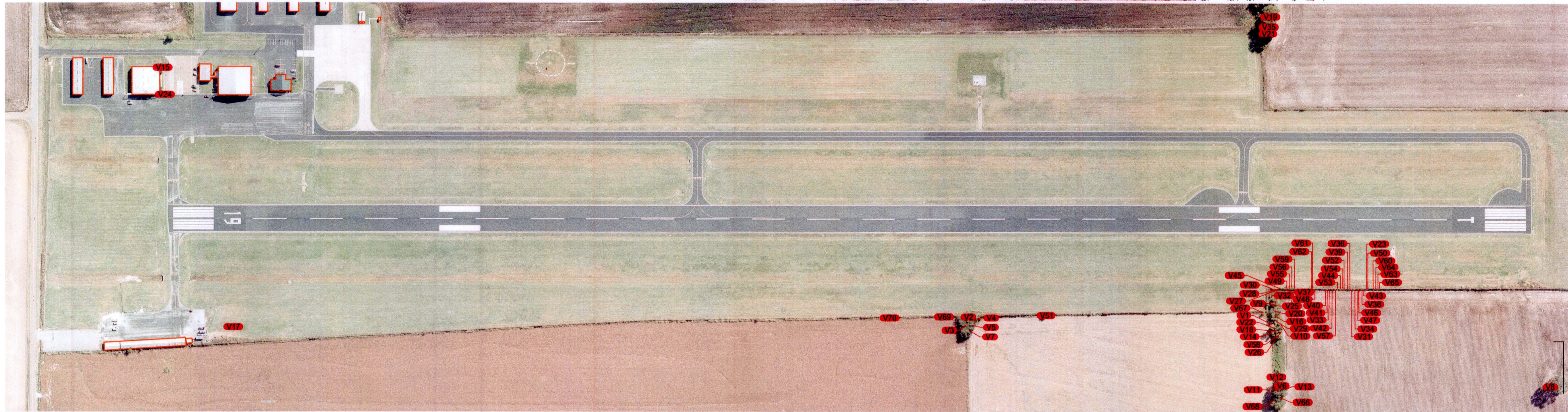
— TOWER

V10

— 7:1 VIOLATIONS



- Notes:
1. Unless otherwise noted, all elevations are above mean sea level (MSL).
 2. Transitional Surface lines based on nearest runway centerline elevation.
 3. Established Airport Elevation is 280.0.
 4. The City of Covington and Tipton County enforce height zone ordinances.
 5. Refer to Inner Portion of the Approach Surface Drawings for violations to the Approach Surface.



TRUE NORTH
MAG. DEC.

MAGNETIC DECLINATION
1°05' W. JANUARY 2012
ANNUAL RATE OF CHANGE= 0°06' W \ YR.
NAD 83

200' 0 200' 400'
1"=200'

ALP APPROVAL BLOCK

CONSTRUCTION NOTICE REQUIREMENT

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PART 77 AIRSPACE

COVINGTON MUNICIPAL AIRPORT

COVINGTON, TENNESSEE

BWSC
ENGINEERS AND SURVEYORS

BARBE WAGGONER SUMNER & CANNON, INC.

DR. CHK. DATE DESCRIPTION
JKP CAG JUNE 2013 ORIGINAL ISSUE

4 OF 9

FILE NO. 31935-07

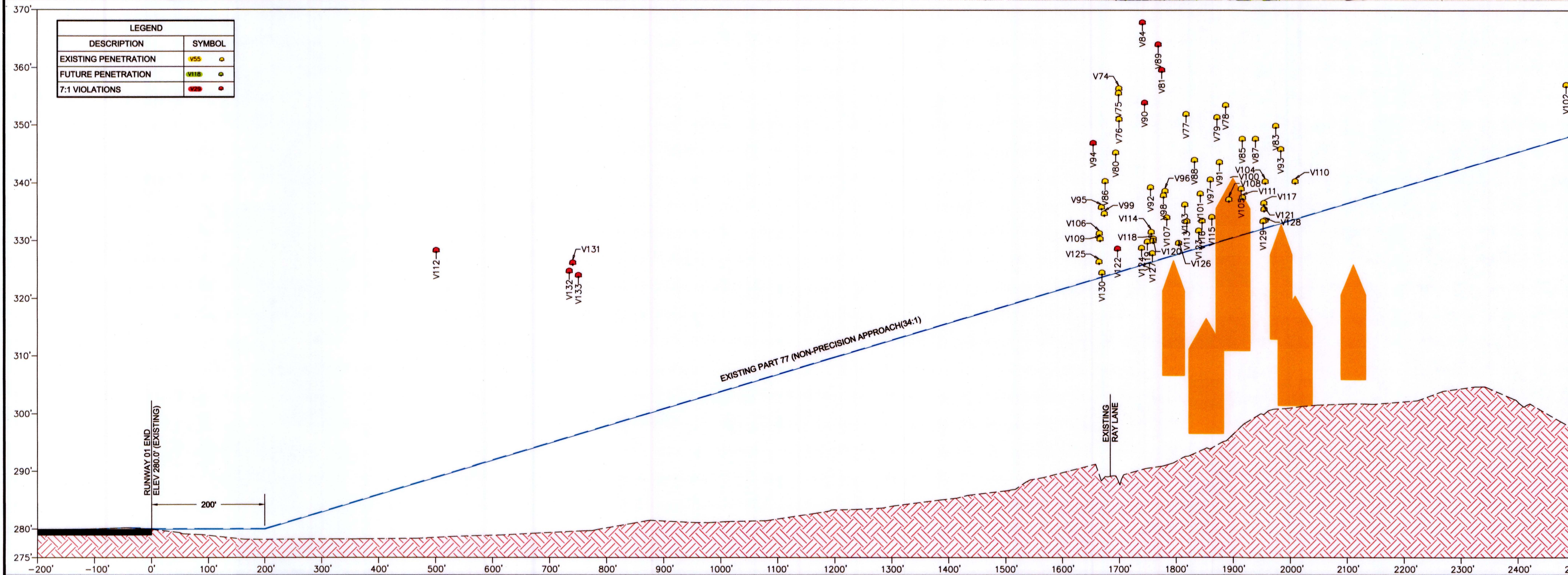
DATE
6-12-2013
DAVID W. GORDON
MAYOR, COVINGTON

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RUNWAY 01 TRAVERSE WAY CLEARANCES			
#	ROADWAY ELEVATION	EXISTING APPROACH SURFACE ELEVATION	EXISTING CLEARANCE
T1	284.5	324.0	39.4
T2	289.1	324.1	34.9
T3	306.3	324.5	18.2

RUNWAY 01 OBSTRUCTIONS				
#	DESCRIPTION	TOP ELEVATION	EXISTING PENETRATION	PROPOSED ACTION
V74	TREE	358.9	32.4	REMOVE
V75	TREE	356.1	31.6	REMOVE
V76	TREE	351.6	27.0	REMOVE
V77	TREE	352.4	24.4	REMOVE
V78	TREE	354.0	23.9	REMOVE
V79	TREE	351.9	22.2	REMOVE
V80	TREE	345.7	21.4	REMOVE
V81	TREE	360.1	20.7	REMOVE
V82	TREE	372.9	18.9	REMOVE
V83	TREE	350.4	17.7	REMOVE
V84	TREE	368.4	17.2	REMOVE
V85	TREE	348.1	17.2	REMOVE
V86	TREE	340.8	17.0	REMOVE
V87	TREE	348.2	16.5	REMOVE
V88	TREE	344.5	16.0	REMOVE
V89	TREE	364.5	15.2	REMOVE
V90	TREE	354.4	15.1	REMOVE
V91	TREE	344.1	14.3	REMOVE
V92	TREE	339.7	13.5	REMOVE
V93	TREE	346.4	13.4	REMOVE
V94	TREE	347.4	12.8	REMOVE
V95	TREE	336.3	12.7	REMOVE
V96	TREE	339.1	12.1	REMOVE
V97	TREE	341.1	11.8	REMOVE
V98	TREE	338.3	11.4	REMOVE
V99	TREE	335.2	11.4	REMOVE
V100	HOUSE	340.9	10.6	LIGHT
V101	TREE	336.6	9.7	TRIM OR REMOVE
V102	TREE	357.6	8.7	TRIM OR REMOVE
V103	TREE	336.7	8.7	TRIM OR REMOVE
V104	TREE	340.8	8.6	TRIM OR REMOVE
V105	TREE	339.5	8.6	TRIM OR REMOVE
V106	TREE	331.7	8.2	TRIM OR REMOVE
V107	TREE	334.5	7.5	TRIM OR REMOVE
V108	TREE	337.6	7.3	TRIM OR REMOVE
V109	TREE	330.8	7.2	TRIM OR REMOVE
V110	POWER POLE	340.8	7.1	LIGHT
V111	TREE	338.0	7.0	TRIM OR REMOVE
V112	TREE	328.7	6.1	TRIM OR REMOVE
V113	TREE	333.8	5.8	TRIM OR REMOVE
V114	TREE	332.0	5.7	TRIM OR REMOVE
V115	TREE	334.6	5.2	TRIM OR REMOVE
V116	TREE	333.9	5.0	TRIM OR REMOVE
V117	TREE	337.0	4.9	TRIM OR REMOVE
V118	TREE	330.8	4.5	TRIM OR REMOVE
V119	TREE	330.3	4.3	TRIM OR REMOVE
V120	TREE	330.4	4.1	TRIM OR REMOVE
V121	TREE	336.0	3.9	TRIM OR REMOVE
V122	TREE	329.1	3.7	TRIM OR REMOVE
V123	TREE	332.2	3.5	TRIM OR REMOVE
V124	TREE	329.2	3.5	TRIM OR REMOVE
V125	TREE	326.8	3.3	TRIM OR REMOVE
V126	TREE	330.1	2.4	TRIM OR REMOVE
V127	TREE	328.3	2.0	TRIM OR REMOVE
V128	TREE	334.0	1.9	TRIM OR REMOVE
V129	TREE	333.9	1.8	TRIM OR REMOVE
V130	TREE	324.9	1.3	TRIM OR REMOVE
V131	TREE	326.6	1.0	TRIM OR REMOVE
V132	TREE	325.2	1.0	TRIM OR REMOVE
V133	TREE	324.4	0.1	TRIM OR REMOVE



LEGEND		
DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE	---	---
RUNWAY SAFETY AREA (RSA)	---	---
RUNWAY OBJECT FREE AREA (ROFA)	---	---
RUNWAY PROTECTION ZONE (RPZ)	---	---
CROP LINES (CROP)	---	---
BUILDING RESTRICTION LINE (BRL)	---	---
AIRPORT PAVEMENT	---	---
AIRPORT REFERENCE POINT	---	---
AIRPORT BUILDINGS	---	---
OTHER BUILDINGS	---	---
AIRPORT PROPERTY LINE / EASEMENTS	---	---
OTHER PROPERTY LINES	---	---
RAILROAD	---	---
FENCE	---	---
ROADS	---	---
WETLANDS	---	---
GROUND ELEVATION CONTOURS	---	---
PAVEMENT TO BE REMOVED	---	---
VGSI	---	---
AWOS	---	---
WINDCONE	---	---
ROTATING BEACON	---	---

ALP APPROVAL BLOCK

CONSTRUCTION NOTICE REQUIREMENT

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INNER APPROACH OF RUNWAY 01

COVINGTON MUNICIPAL AIRPORT

COVINGTON, TENNESSEE

BWSC

BARGE WAGGONER SUMNER & CANNON, INC.

ENGINEERS PLANNERS AND SURVEYORS

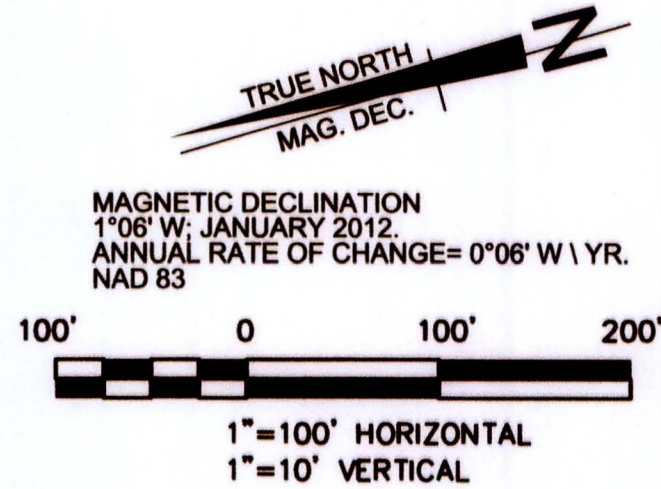
DR.	CHK.	DATE	DESCRIPTION
JKP	CAG	JUNE 2013	ORIGINAL ISSUE

5 OF 9

FILE NO. 31935-07

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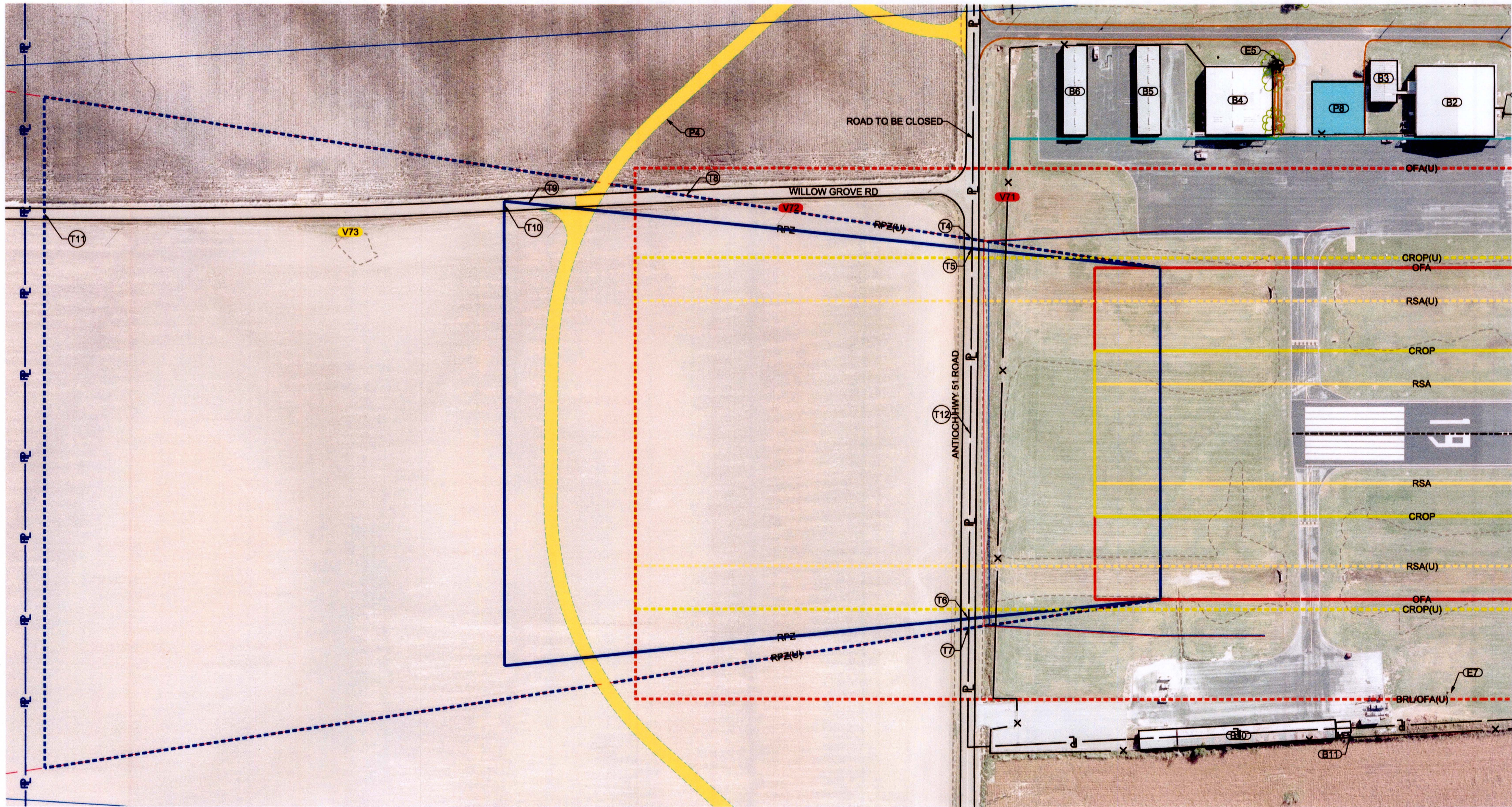
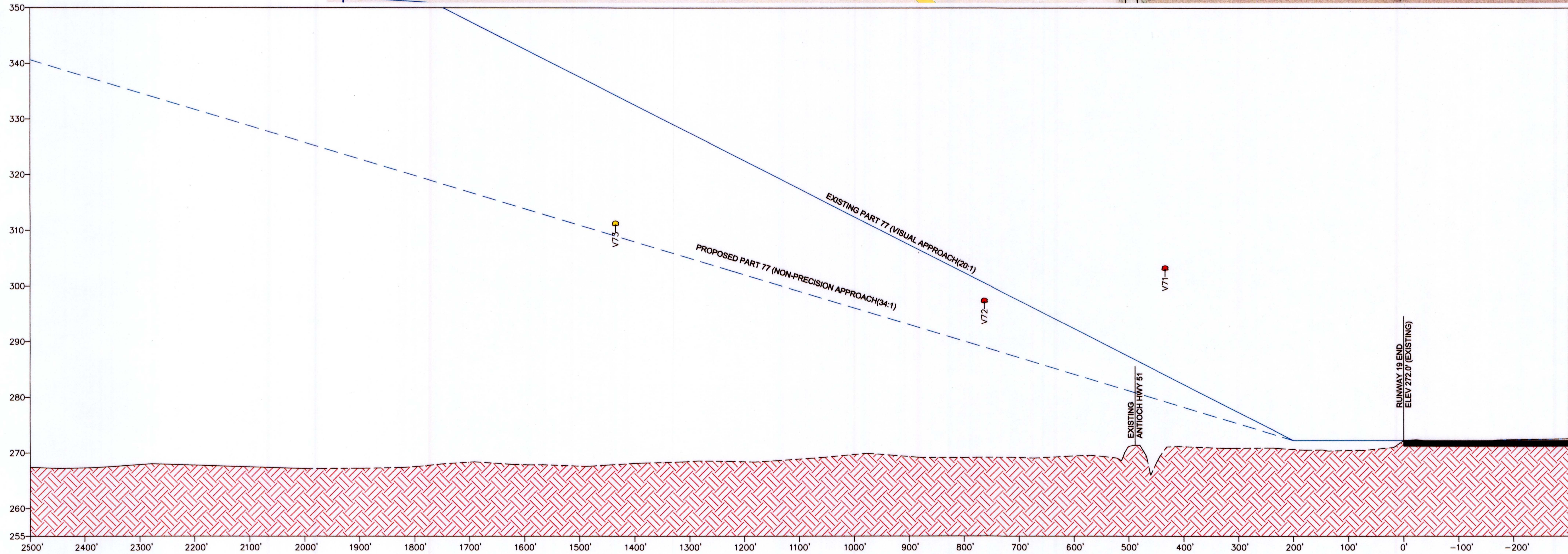
LEGEND		
DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE	---	---
RUNWAY SAFETY AREA (RSA)	--- RSA ---	--- RSA(U) ---
RUNWAY OBJECT FREE AREA (ROFA)	--- OFA ---	--- OFA(U) ---
RUNWAY PROTECTION ZONE (RPZ)	--- RPZ ---	--- RPZ(U) ---
CROP LINES (CROP)	--- CROP ---	--- CROP(U) ---
BUILDING RESTRICTION LINE (BRL)	--- BRL ---	--- BRL(U) ---
AIRPORT PAVEMENT	---	---
AIRPORT REFERENCE POINT	○	○
AIRPORT BUILDINGS	□	□
OTHER BUILDINGS	□	□
AIRPORT PROPERTY LINE / EASEMENTS	---	---
OTHER PROPERTY LINES	---	---
RAILROAD	---	---
FENCE	---	---
ROADS	---	---
WETLANDS	---	---
GROUND ELEVATION CONTOURS	---	---
PAVEMENT TO BE REMOVED	---	---
VGSI	---	---
AWOS	Ⓐ	Ⓐ
WINDCONE	⊙	⊙
ROTATING BEACON	⊙	⊙



RUNWAY 19 OBSTRUCTIONS				
#	DESCRIPTION	TOP ELEVATION	EXISTING PENETRATION	FUTURE PENETRATION
V71	POWER POLE	303.7	7.5	14.1
V72	POWER POLE	297.8	0.0	8.1
V73	POWER POLE	311.7	0.0	2.7

RUNWAY 19 TRAVERSE WAY CLEARANCES						
#	ROADWAY ELEVATION	EXISTING APPROACH SURFACE ELEVATION	FUTURE APPROACH SURFACE ELEVATION	EXISTING CLEARANCE	FUTURE CLEARANCE	PROPOSED ACTION
T4	271.3	288.8	280.8	17.5	9.5	RELOCATE RD
T5	271.3	286.7	280.8	15.4	9.5	RELOCATE RD
T6	271.9	287.0	281.0	15.1	9.1	RELOCATE RD
T7	271.9	289.1	281.0	17.2	9.0	RELOCATE RD
T8	289.7	313.8	293.7	44.1	24.0	NA
T9	289.5	320.6	300.9	51.1	31.4	NA
T10	289.5	322.5	302.0	53.0	32.5	NA
T11	267.9	357.7	322.8	89.8	54.9	NA
T12	271.4	286.8	280.9	15.5	9.5	RELOCATE RD

LEGEND	
DESCRIPTION	SYMBOL
EXISTING PENETRATION	○
FUTURE PENETRATION	○
7:1 VIOLATIONS	○



INNER APPROACH OF RUNWAY 19

COVINGTON MUNICIPAL AIRPORT

COVINGTON, TENNESSEE

BWSC
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BARBE WAGGONER SUMNER & CANNON, INC.

DR. DATE DESCRIPTION
JWP CAG JUNE 2013 ORIGINAL ISSUE

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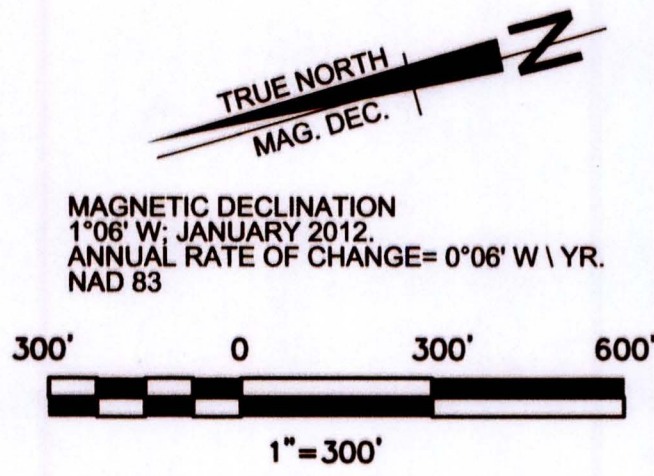
ALP APPROVAL BLOCK

DAVID W. GORDON
MAYOR, COVINGTON
6-4-2013
DATE



PROPOSED CAPITAL IMPROVEMENT PLAN PROJECTS	
STAGE I (0-4 YR)	Total Cost
1. RSA Improvements (RW 19)	\$460,000
2. Ground Maintenance Equipment (80/20)	\$80,000
3. Maintenance Hangar Repair/Paint	\$80,000
4. Security Improvements	\$75,000
5. Expand North Apron (7,100 SY)	\$652,800
6. Expand South Apron (5,000 SY)	\$493,800
7. New Airfield Vault Building	\$172,500
8. New Back Up Generator	\$201,250
9. Hangars	\$2,460,000
9-A 80' x 80' Storage Hangar 400,000	
9-B 100' x 100' Corporate Hangar 650,000	
9-C 10 Unit T-Hangar 650,000	
9-D 160' x 40' Row Hangar 350,000	
Engineering and Contingencies 410,000	
TOTAL STAGE I*	\$4,675,350
STAGE II (5-8 YR)	
1. Overlay Runway 1/19 (5004' X 100')	\$1,468,800
2. Expand North Apron (7,100 SY)	\$652,800
3. Expand South Apron (5,000 SY)	\$493,800
4. Hangars	\$1,560,000
4-A 100' x 100' Corporate Hangar 650,000	
4-B 10 Unit T-Hangar 650,000	
Engineering and Contingencies 260,000	
TOTAL STAGE II*	\$4,175,400
GRAND TOTAL STAGES I AND II*	\$8,850,750
STAGE III (8+ YR) FOR INFORMATION ONLY	
1. Land for Antioch Road Relocation	
2. Relocate Antioch Highway	
3. Land Acquisition for RPZ and OFA	
4. Apron Overlay (42,500 SY)	
5. Airport Layout Plan Update	
6. Hangars	
6A. 100' X 100' Storage Hangar	
6B. 10-Unit T-Hangar	

*All cost are shown in terms of 2012 dollars.



CAPITAL IMPROVEMENTS PLAN

COVINGTON MUNICIPAL AIRPORT

COVINGTON, TENNESSEE

BWSC		BARGE WAGGONER SUMNER & CANNON, INC.	
ENGINEERS		PLANNERS AND SURVEYORS	
CHK.	DATE	DESCRIPTION	
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ALP APPROVAL BLOCK

DATE 6-19-2013

DAVID W. GORDON

MAYOR, COVINGTON