

CLEARANCES			
EXISTING	PROPOSED	ELEVATION	CLEARANCE
C1	-	1345.0'	22.8'
-	C1	1345.0'	32.3'
C2	-	1322.0'	49.0'
-	C2	1322.0'	56.4'
C3	C3	1360.0'	6.0'
C4	-	1155.0'	255.3'
-	C4	1155.0'	261.1'
C5	-	REMOVED	REMOVED
C6	-	REMOVED	REMOVED
C7	-	REMOVED	REMOVED
-	C8	1347.0'	28.9'
-	C9	1347.0'	27.6'
-	C10	1345.0'	27.0'

BUILDING DATA		
NO.	STRUCTURE	ELEVATION
B1	TERMINAL BUILDING/MAINTENANCE HANGAR	1,397.4'
B2	FLIGHT TRAINING	1,385.0'
B3	T-HANGARS	1,389.1'

MODIFICATION OF DESIGN STANDARDS		
ITEM	DATE	AERONAUTICAL STUDY NUMBER
ROAD LOCATED IN RUNWAY 3 OBJECT FREE AREA & RUNWAY SAFETY AREA		

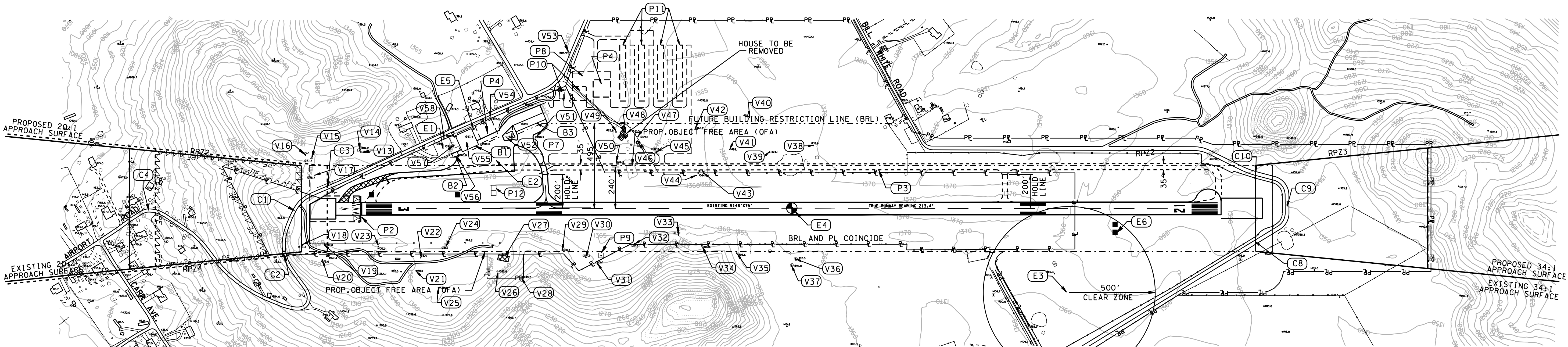
AIRPORT DATA		
	EXISTING	PROPOSED
AIRPORT REFERENCE POINT	36°24'10.86"N	36°24'05.53"N
COORDINATES (NAD 83)	85°19'12.82"W	85°19'12.82"W
MEAN MAX. TEMP. HOTTEST MONTH	86°F	SAME
AIRPORT ELEVATION	1,372'	SAME
NAVIGATIONAL AIDS	VOR/DME/GPS	SAME

EXISTING	
NO.	FEATURE
E1	AUTOMOBILE PARKING
E2	AIRCRAFT PARKING APRON
E3	AWOS
E4	AIRPORT REFERENCE POINT
E5	ROTATING BEACON
E6	PAPI

RUNWAY PROTECTION ZONE DIMENSIONS	
RPZ1	500' IW X 1000' L X 700' OW
RPZ2	500' IW X 1000' L X 700' OW
RPZ3	500' IW X 1000' L X 700' OW
RPZ4	500' IW X 1000' L X 700' OW

- NOTES:
- NO THRESHOLD SITING SURFACE PENETRATIONS.
 - THE AIRFIELD FENCE AND A PORTION OF A PUBLIC ROAD PENETRATE THE OBSTACLE FREE ZONE AT THE RUNWAY 03 END. THESE ITEMS WILL BE RESOLVED WHEN THE THRESHOLD IS RELOCATED IN A FUTURE PROJECT.
 - RIGHT-OF-WAY FOR PROPOSED RELOCATED ROAD TO BE DEDICATED FOR PUBLIC USE.
 - CLEARANCES FOR C5 AND C7 WILL BE RESOLVED BY THE RELOCATION OF THE ROAD FOR THE RUNWAY EXTENSION PROJECT.

PROPOSED	
NO.	FEATURE
P1	1,147' RUNWAY EXTENSION
P2	145' RELOCATED THRESHOLD
P3	35' WIDE PARALLEL TAXIWAY
P4	100'X100' AIRCRAFT STORAGE HANGAR
P5	FUTURE AIRPORT REFERENCE POINT
P6	RELOCATED AWOS
P7	AIRCRAFT PARKING APRON
P8	VEHICLE PARKING
P9	RELOCATED WIND CONE
P10	CORPORATE HANGARS (TYPICAL)
P11	T-HANGARS (TYPICAL)
P12	PROPOSED PAPI



PAVEMENT/STRUCTURES TO BE REMOVED

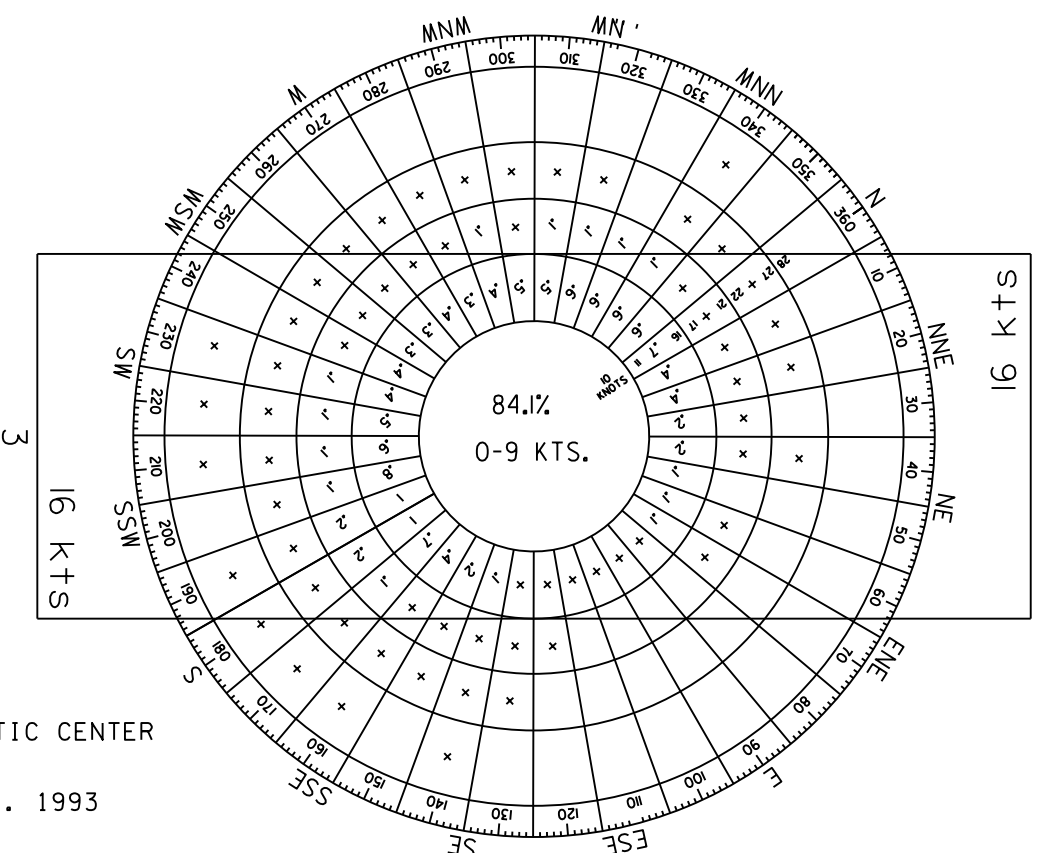
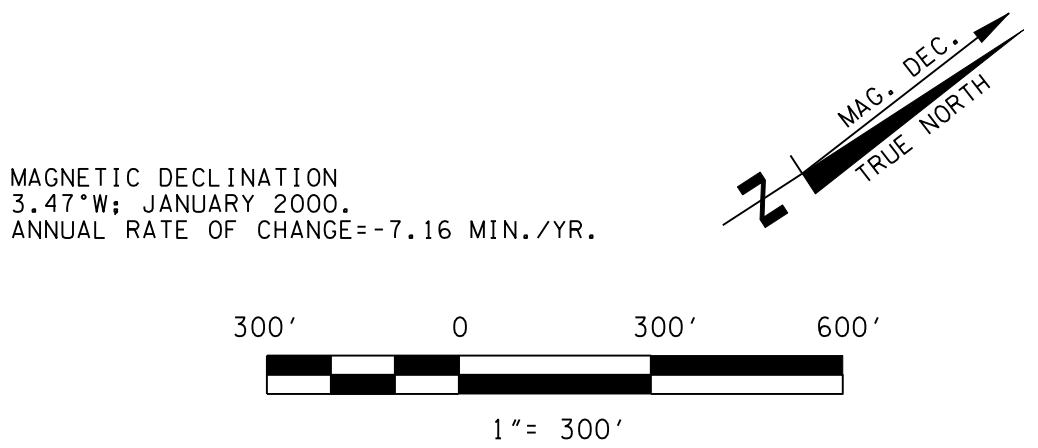
LEGEND		
	EXISTING	PROPOSED
GRADE CONTOURS	250'	NOT SHOWN
AIRPORT PROPERTY LINE	PR	PR
EASEMENT	EE	AA
BUILDING RESTRICTION LINE (BRL)	-----	-----
FENCE LINE	-----	-----
THRESHOLD LIGHTS	****	*****
REIL	▲	△
VASI / PAPI	■ □	□ □
BUILDING	▭	▭
PAVEMENT	=====	-----

RUNWAY OBJECT FREE AREA DIMENSIONS	
EXISTING	PROPOSED
400' WIDE X 240' BEYOND END OF RUNWAY	500' WIDE X 300' BEYOND END OF RUNWAY

RUNWAY SAFETY AREA DIMENSIONS	
RWY	EXISTING
3	120' WIDE X 150' BEYOND END OF RUNWAY
21	120' WIDE X 240' BEYOND END OF RUNWAY

RUNWAY DATA 321		
	EXISTING	PROPOSED
AIRPORT REFERENCE CODE	B-1	B-11
CRITICAL AIRCRAFT	BEECH KING AIR 100	CITATION II
APPROACH VISIBILITY MINIMUMS	1 MILE	SAME
RUNWAY LENGTH	3998'	5,000'
RUNWAY WIDTH	75'	SAME
APPROACH SURFACE	20:1/34:1	20:1/34:1
INSTRUMENT RUNWAY	21	SAME
MARKINGS	VISUAL	NON-PRECISION
LIGHTING	LIRL	MIRL/MITL
APPROACH AIDS	VASI/SAVASI/REILS	PAPI/REILS
% WIND COVERAGE (16KTS)	98.25%	SAME
RUNWAY BEARING	213.43°	SAME
EFFECTIVE GRADIENT	0.15%	0.12%
PAVEMENT CONSTRUCTION	ASPHALT	SAME
PAVEMENT STRENGTH (LBS)	14,000 SWL 21,000 DWL	30,000 SWL 60,000 DWL
RUNWAY END COORDINATES (NAD 83)	RWY 3	N36°24'27.36" W85°18'55.01"
	RWY 21	N36°25'00.36" W85°18'28.07"
RUNWAY END ELEVATIONS	RWY 3	1366.0'
	RWY 21	1372.0'

VIOLATIONS TO FAR PART 77 SURFACES									
EXISTING PART 77	PROPOSED PART 77	DESCRIPTION	ELEVATION	VIOLATION	PROPOSED DISPOSITION	EXISTING PART 77	PROPOSED PART 77	DESCRIPTION	PROPOSED DISPOSITION
V1	V1	POLE	1413.1'	19.7'	LIGHT	V24	V24	POLE	1381.5'
V2		TREE	1405.0'	1.8'	REMOVE	V25	V25	POLE	1430.8'
	V2	TREE	1405.0'	26.0'	REMOVE	V26	V26	POLE	1385.6'
V3		POLE	1410.0'	2.2'	REMOVE	V27	V27	BUILDING	1370.5'
	V3	POLE	1410.0'	36.1'	REMOVE	V28	V28	POLE	1440.2'
	V4	TREE	1366.8'	9.2'	REMOVE	V29	V29	POLE	1410.9'
	V5	POLE	1361.6'	3.4'	LIGHT	V30	V30	POLE	1377.8'
V6		POLE	1400.0'	1.8'	LIGHT	V31	V31	POLE	1425.6'
	V6	POLE	1400.0'	23.0'	REMOVE	V32	V32	POLE	1412.5'
V7		POLE	1369.5'	2.1'	LIGHT	V33	V33	POLE	1397.9'
V8		POLE	1406.4'	13.3'	REMOVE	V34	V34	POLE	1402.1'
V9		POLE	1427.1'	16.8'	REMOVE	V35	V35	POLE	1405.6'
V10	V10	BUILDING	1390.6'	3.9'	LIGHT	V36	V36	TREE	1392.0'
V11	V11	POLE	1430.0'	53.3'	REMOVE	V37	V37	TREE	1395.0'
V12	V12	POLE	1404.5'	19.6'	REMOVE	V38	V38	POLE	1432.6'
V13	-	POLE	1380.2'	2.8'	LIGHT	V39	V39	POLE	1424.1'
-	V13	POLE	1380.2'	2.9'	LIGHT	V40	V40	POLE	1425.6'
V14	-	TREE	1404.2'	25.3'	REMOVE	V41	V41	POLE	1428.1'
-	V14	TREE	1404.2'	25.4'	REMOVE	V42	V42	POLE	1468.2'
V15	-	POLE	1377.7'	12.0'	REMOVE	V43	V43	POLE	1375.5'
-	V15	POLE	1377.7'	1.3'	LIGHT	V44	V44	POLE	1364.4'
V16	-	POLE	1425.5'	50.9'	REMOVE	V45	V45	TREE	1442.3'
-	V16	POLE	1425.5'	45.2'	REMOVE	V46	V46	BUILDING	1380.1'
V17	-	POLE	1375.7'	9.7'	LIGHT	V47	V47	POLE	1399.5'
-	V17	POLE	1375.7'	6.7'	LIGHT	V48	V48	BUILDING	1387.0'
V18	-	POLE	1370.4'	4.4'	LIGHT	V49	V49	POLE	1425.8'
V19	-	POLE	1387.8'	21.8'	REMOVE	V50	V50	POLE	1416.5'
-	V19	POLE	1387.8'	20.8'	REMOVE	V51	V51	POLE	1404.1'
V20	-	POLE	1375.0'	2.3'	LIGHT	V52	V52	POLE	1402.8'
-	V20	POLE	1375.0'	0.5'	LIGHT	V53	V53	POLE	1403.9'
V21	-	POLE	1401.1'	18.7'	REMOVE	V54	V54	POLE	1403.0'
-	V21	POLE	1401.1'	18.8'	REMOVE	V55	V55	BUILDING	1397.4'
V22	-	POLE	1382.1'	9.2'	LIGHT	V56	V56	BUILDING	1385.0'
-	V22	POLE	1382.1'	9.3'	LIGHT	V57	V57	POLE	1391.8'
V23	-	POLE	1400.2'	34.2'	REMOVE	V58	V58	POLE	1403.3'
-	V23	POLE	1400.2'	34.1'	REMOVE	V59	V59	POLE	1389.1'



SOURCE: NATIONAL CLIMATIC CENTER
NASHVILLE, TN.
PERIOD: JAN. 1984 - DEC. 1993
OBSERVATIONS: 87,672
COVERAGE:
RWY 3/21 -
98.25% FOR 16 kts.
RWY 3/21 -
92.0% FOR 10.5 kts.

ALP APPROVAL BLOCK	
HOSEA WINNINGHAM MAYOR, TOWN OF LIVINGSTON	DATE
TOM BURGESS, P.E. TENNESSEE AERONAUTICS DIVISION	DATE

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
LIVINGSTON MUNICIPAL AIRPORT
LIVINGSTON, TENNESSEE

BWSC		BARGE WAGONER SUMNER & CANNON, INC.	
DR.	CHK.	DATE	DESCRIPTION
ELS	PMG	10/17/01	ORIGINAL ISSUE
ERF		12/9/09	RUNWAY EXT.
1 OF 5		FILE NO. 26021-00	