HAWKINS COUNTY AIRPORT

ROGERSVILLE, TENNESSEE

AIRPORT LAYOUT PLAN SET

PREPARED FOR

THE COUNTY OF HAWKINS

MARCH 2007

STATE OF TENNESSEE

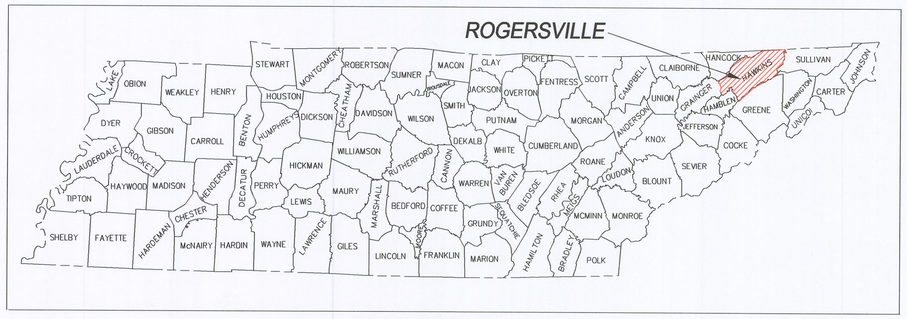
PHIL BREDESEN
GOVERNOR

TENNESSEE DEPARTMENT OF TRANSPORTATION

GERALD NICELY
COMMISSIONER

TDOT - DIVISION OF AERONAUTICS

BOB WOODS
DIRECTOR



VICINITY MAP

LOCATION MAP

HAWKINS COUNTY AIRPORT COMMITTEE

CROCKETT LEE
COUNTY EXECUTIVE

JOHN EIDSON
AIRPORT COMMITTEE CHAIRMAN

LARRY FROST
COMMITTEE MEMBER

BILL HENDERSON
COMMITTEE MEMBER

CARMEL MADDOX
COMMITTEE MEMBER

PHIL BERRATT
COMMITTEE MEMBER

FRED MONTGOMERY
COMMITTEE MEMBER

GARY HICKS
COMMITTEE MEMBER

HMB PROFESSIONAL ENGINEERS, INC.
Nashville, Tennessee

INDEX OF DRAWINGS

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2	AIRPORT LAYOUT DRAWING
3	TERMINAL AREA PLAN
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5	APPROACH SURFACE DRAWING
6	PROPERTY MAP
7	LAND USE MAP

300' 0 300' 600' 900'

SCALE: 1"=300'

TRAVERSE WAY

	ROADWAY ELEVATION	APPROACH SURFACE ELEVATION	AMOUNT OF PENETRATION	PROPOSED ACTION
1	1225'	1289'	0	NA
2	1221'	1288'	0	NA
3	1200'	1283'	0	NA

OBSTRUCTION DATA TABLE

	DESCRIPTION	ELEVATION	VIOLATION
1	TREES *	1426.4'	61.1'
2	TREES *	1421.7'	38.4'
3	TREES *	1446.1'	28.3'
4	TREES *	1422.8'	31.8'
5	TREES *	1418.6'	54.9'
6	TREES *	1437.2'	54.6'
7	TREES *	1458.2'	8.5'
8	TREES *	1442.7'	62.2'
9	TREES *	1421.6'	76.5'
10	TREES *	1461.5'	45.9'
11	TREES *	1434.3'	88.7'
12	TREES *	1455.7'	60.8'
13	TREES *	1458.1'	34.1'
14	TREES *	1472.3'	26.8'
15	TREES *	1451.1'	70.1'
16	TREES *	1460.8'	60.9'
17	TREES *	1442.8'	84.4'
18	TREES *	1476.6'	53.9'
19	TREES *	1500.6'	40.5'
20	TREES *	1472.6'	44.6'
21	TREES *	1471.9'	70.1'
22	TREES *	1420.5'	68.5'
23	TREES *	1446.7'	62.4'
24	TREES *	1484.8'	29.4'
25	TREES *	1406.4'	39.9'
26	TREES *	1469.0'	82.5'
27	TREES *	1460.4'	37.4'
28	TREES *	1452.7'	13.4'
29	TREES *	1422.8'	8.6'
30	TREES *	1453.7'	13.3'
31	BUILDING **	1285.8'	13.4'
32	STREETLIGHT **	1291.1'	9.6'
33	BUILDING **	1293.2'	22'
34	STREETLIGHT **	1305.4'	18.5'
35	BUILDING **	1296.3'	24.5'
36	BUILDING **	1301.1'	29.4'
37	STREETLIGHT **	1310.9'	1262'
38	BUILDING **	1321.5'	64'
39	BUILDING **	1305.8'	34.1'
40	BUILDING **	1308.9'	12.9'
41	BUILDING **	1311.7'	40'
42	STREETLIGHT **	1311.9'	33'
43	BUILDING **	1302'	29.7'
44	BUILDING **	1306.2'	8.2'
45	BUILDING **	1289.8'	17.5'
46	STREETLIGHT **	1300.7'	21.3'
47	TREES *	1296.9'	8.9'
48	BUILDING **	1286.3'	14'
49	BUILDING **	1297.6'	0.8'
50	BUILDING **	1287.1'	16'
51	STREETLIGHT **	1285.2'	1.3'
52	STREETLIGHT **	1300.2'	22'

OBSTRUCTION DATA TABLE

	DESCRIPTION	ELEVATION	VIOLATION
53	TREES *	1287.8'	33.9'
54	BUILDING **	1289.9'	18.8'
55	BUILDING **	1299.1'	2.4'
56	BUILDING **	1293.7'	22.9'
57	STREETLIGHT **	1305.5'	29'
58	BUILDING **	1286.5'	15.7'
59	TREES *	1284.7'	31.1'
60	BUILDING **	1296.6'	0.2'
61	BUILDING **	1286.5'	15.8'
62	STREETLIGHT **	1292.7'	9.1'
63	STREETLIGHT **	1303.3'	25.5'
64	BUILDING **	1298.5'	3.4'
65	BUILDING **	1297.2'	3.6'
66	STREETLIGHT **	1294.8'	18.4'
67	BUILDING **	1282.3'	13'
68	STREETLIGHT **	1278.1'	7
69	BUILDING **	1276.1'	6.4'
70	STREETLIGHT **	1280.8'	9.8'
71	BUILDING **	1275.7'	11.8'
72	STREETLIGHT **	1278.4'	1.7'
73	BUILDING **	1274.5'	12'
74	BUILDING **	1280.8'	5.9'
75	STREETLIGHT **	1279.3'	9.7'
76	BUILDING **	1273.6'	12'
77	TREES *	1275.7'	31.3'
78	STREETLIGHT **	1277.3'	1.4'
79	BUILDING **	1273.8'	12.2'
80	STREETLIGHT **	1284.7'	18.3'
81	BUILDING **	1284.5'	1'
82	BUILDING **	1278.6'	19.3'
83	BUILDING **	1275.5'	17.6'
84	TREES *	1329.6'	18'
85	TREES *	1334.6'	35.3'
86	STREETLIGHT **	1272.7'	8.5'
87	BUILDING **	1275.6'	19.9'
88	TREES *	1306'	23.2'
89	BUILDING **	1264.2'	8.6'
90	TREES *	1303.5'	27'
91	BUILDING **	1280.3'	6.6'
92	TREES *	1295.8'	49.3'
93	TREES *	1324.5'	32.2'
94	BUILDING **	1299.2'	10.7'
95	TREES *	1323.8'	33.9'
96	BUILDING **	1256.6'	6.7'
97	TREES *	1314.7'	30.1'
98	BUILDING **	1258.1'	7.8'
99	TREES *	1305.5'	48'
100	TREES *	1271.1'	35'
101	TREES *	1323.8'	33.5'
102	BUILDING **	1341.5'	6.7'
103	TREES *	1325.6'	16.7'
104	TREES *	1281.2'	15.2'

OBSTRUCTION DATA TABLE

	DESCRIPTION	ELEVATION	VIOLATION
105	TREES*	1285.9'	4.1'
106	TREES *	1282.4'	4.9'
107	TREES*	1287.1'	25.3'
108	TREES*	1297.1'	40.3'

☆ TO BE REMOVED, ☆☆ TO BE LIGHTED

NOTES:
Ultimate land acquisition will be coordinated with TDOT, Aeronautics Division.
All GVGSI Siting must be in accordance with FAA guidance.
All coordinates based upon NAD 83.
No threshold siting surface object penetrations.
Extending 07 Threshold 350' will require approaches to this runway be amended.
The approval of the ALP represents acceptance of the general location of future facilities depicted. During the preliminary design phase, the airport owner is required to resubmit for approval the final locations, heights and exterior finish of structures. The concern is obstructions, impact on electonic aids or adverse effects on controller view of aircarft approach and ground movement areas which could adversely affect the safety, efficiency or utility of the airport.

RUNWAY DATA TABLE

ITEM		RUNWAY 7-25 EXISTING	RUNWAY 7-25 ULTIMATE
AIRPORT REFERENCE CODE		B-II	B-II
DESIGN AIRCRAFT		KING AIR 200	KING AIR 200
RUNWAY LENGTH		3,502'	4,500'
RUNWAY WIDTH		75'	75'
PAVEMENT CONSTRUCTION		ASPHALT	ASPHALT
RUNWAY BEARING		62.528°	62.528°
EFFECTIVE GRADIENT		0.7%	0.56%
% WIND COVERAGE (13 KNOTS)		99.4%	99.4%
MARKINGS		Non Precision	Non Precision
RUNWAY LIGHTING		MIRL, REIL	MIRL, REIL
TAXIWAY LIGHTING		MITL	MITL
VISUAL AIDS (BOTH RUNWAYS)		PAPI	PAPI
APPROACH LIGHTING		NONE	NONE
PAVEMENT STRENGTH	SWL	25,000 lbs.	25,000 LBS.
	DWL	N/A	N/A
INSTRUMENT APPROACHES	R/W 7	NDB, GPS	NDB, GPS
	R/W 25	NONE	GPS
APPROACH VISIBILITY MINIMUMS	R/W 7	1 1/4 MILE	1 1/4 MILE
	R/W 25	Not Lower then 3/4 Mile	Not Lower then 3/4 Mile
RUNWAY END ELEVATION	R/W 7	1,255.0'	1,255.0'
	R/W 25	1,230.3'	1,230.3'
RUNWAY END COORDINATES	R/W 7	LAT. 36°27'19.72"N	LAT. 36°27'18.38101"N
		LONG. 82°53'25.41"W	LONG. 82°53'28.99884"W
	R/W 25	LAT. 36°27'34.8590"N	LAT. 36°27'37.64419"N
		LONG. 82°52'46.8610"W	LONG. 82°52'39.33525"W

LEGEND

ITEM	EXISTING	ULTIMATE
RUNWAY & TAXIWAY		
AIRPORT BUILDINGS		
RUNWAY & TAXIWAY MARKINGS		
CONTOUR (25' INTERVAL)	1500	1500
AIRPORT PROPERTY LINE		
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
RUNWAY PROTECTION ZONE		
PAVED ROADS		SAME
AIRPORT REFERENCE POINT		
THRESHOLD SITING SURFACE		
APRON PAVEMENT		
ROTATING BEACON		
POLES		
NDB		
TO BE REMOVED (ROADS, BUILDINGS)	NA	
BUILDING RESTRICTION LINE		
PART 77 APPROACH		
AVIGATION EASEMENT		
POWERLINES		

AIRPORT BUILDING DATA TABLE

	DESCRIPTION	DISPOSITION	ELEVATION
1	T-Hangars	Existing	1262'
2	T-Hangars	Existing	1264'
3	Fuel System	Existing	1262'
4	Terminal/Maintenance Hangar	Existing	1278'
5	2 Corporate Hangars	Existing	1275'
6	Corporate Hangar	Existing	1264'
7	Corporate Hangar	Existing	1262'
8	Corporate Hangar	Existing	1263'
9	Corporate Hangar	Existing	1261'
10	Corporate Hangar	Existing	1261'
11	T-Hangars	Future	1275' (Estimated)
12	T-Hangars	Future	1275' (Estimated)
13	T-Hangars	Future	1275' (Estimated)
14	60' x 60' Corporate Hangar	Future	1275' (Estimated)
15	60' x 60' Corporate Hangar	Future	1275' (Estimated)
16	60' x 60' Corporate Hangar	Future	1275' (Estimated)
17	60' x 60' Corporate Hangar	Future	1275' (Estimated)
18	60' x 60' Corporate Hangar	Future	1275' (Estimated)

AIRPORT DATA

	EXISTING	ULTIMATE
AIRPORT ELEVATION	1,255'	1,255'
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	LAT. 36°27'27.2850"N	LAT. 36°27'28.01331"N
	LONG. 82°53'06.1340"W	LONG. 82°53'04.16788"W
MEAN MAX. TEMP. HOTTEST MONTH	90.0°F	90.0°F
AIRPORT ACREAGE	56.86 ACRES	100 ACRES

RUNWAY SAFETY AREA DIMENSIONS

		WIDTH	LENGTH BEYOND RUNWAY ENDS
RUNWAY 7	EXISTING	150'	260'
	ULTIMATE	150'	300'
RUNWAY 25	EXISTING	150'	200'
	ULTIMATE	150'	300'

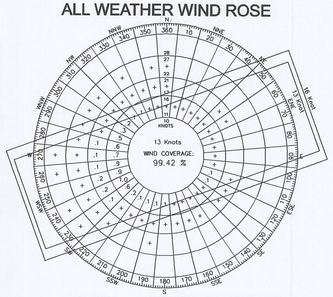
OBJECT FREE AREA DIMENSIONS

		WIDTH	LENGTH BEYOND RUNWAY ENDS
RUNWAY 7	EXISTING	500'	300'
	ULTIMATE	SAME	SAME
RUNWAY 25	EXISTING	500'	300'
	ULTIMATE	SAME	SAME

RUNWAY PROTECTION ZONE DIMENSIONS

		INNER WIDTH	OUTER WIDTH	LENGTH
RUNWAY 7	EXISTING	500'	700'	1,000'
	ULTIMATE	500'	700'	1,000'
RUNWAY 25	EXISTING	500'	700'	1,000'
	ULTIMATE	500'	700'	1,000'

ALL WEATHER WIND ROSE



SOURCE: NATIONAL CLIMATIC DATA CENTER ASHVILLE, NC
TRI-CITY AIRPORT BLOUNTVILLE, TN
DATE- 1995-2004

COVERAGE:
16 KNOT - 99.9%
13 KNOT - 99.42%
10 KNOT - 98.29%

MAGNETIC 8° 0' W TRUE

MAGNETIC DECLINATION 2005

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 Tennessee Department of Transportation-Aeronautics Section prior to construction. TDOT-AD's review takes approximately 60 days.

	REVISION	DATE
1		
2		
3		
4		

APPROVAL BLOCK

CROCKETT LEE
HAWKINS COUNTY MAYOR

DATE

TENNESSEE DEPARTMENT OF TRANSPORTATION
AERONAUTICS DIVISION

AIRPORT LAYOUT DRAWING

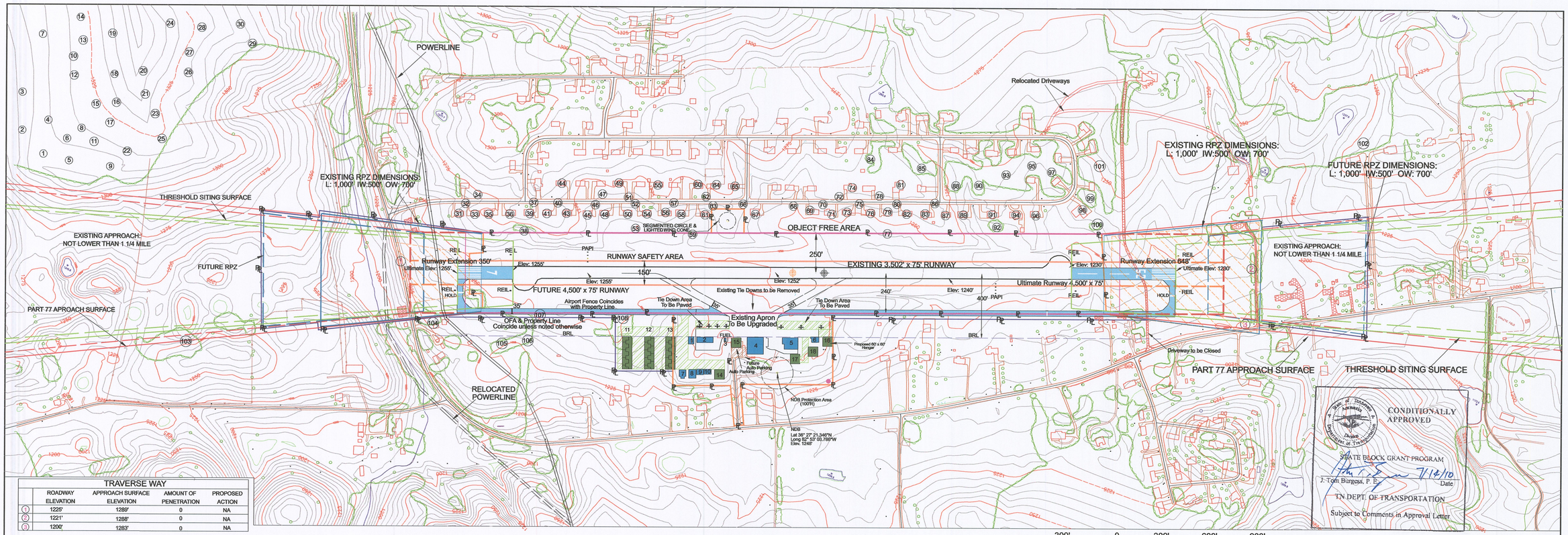
HAWKINS COUNTY AIRPORT

ROGERSVILLE, TN

HMB PROFESSIONAL ENGINEERS, INC.
NASHVILLE, TENNESSEE

SCALE:	1"=300'
DATE	3/2007
DRAWN BY:	JLB

SHEET NO. 2 OF 7



300' 0 300' 600' 900'

SCALE: 1"=300'

TRAVERSE WAY

	ROADWAY ELEVATION	APPROACH SURFACE ELEVATION	AMOUNT OF PENETRATION	PROPOSED ACTION
1	1225'	1289'	0	NA
2	1221'	1288'	0	NA
3	1200'	1283'	0	NA

OBSTRUCTION DATA TABLE

	DESCRIPTION	ELEVATION	VIOLATION
1	TREES *	1426.4'	61.1'
2	TREES *	1421.7'	38.4'
3	TREES *	1448.1'	28.3'
4	TREES *	1422.8'	31.8'
5	TREES *	1418.6'	54.9'
6	TREES *	1437.2'	54.6'
7	TREES *	1458.2'	8.5'
8	TREES *	1442.7'	62.2'
9	TREES *	1421.6'	76.5'
10	TREES *	1461.5'	45.9'
11	TREES *	1434.3'	68.7'
12	TREES *	1455.7'	60.8'
13	TREES *	1458.7'	34.1'
14	TREES *	1472.3'	26.8'
15	TREES *	1451.1'	70.1'
16	TREES *	1460.8'	60.9'
17	TREES *	1442.8'	84.4'
18	TREES *	1476.6'	53.9'
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23	TREES *	1446.7'	62.4'
24	TREES *	1484.5'	29.4'
25	TREES *	1406.4'	39.9'
26	TREES *	1469.0'	62.5'
27	TREES *	1460.4'	37.4'
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33	BUILDING **	1293.2'	22'
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35	BUILDING **	1296.3'	24.5'
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47	TREES *	1298.9'	8.9'
48	BUILDING **	1288.3'	14'
49	BUILDING **	1297.6'	0.8'
50	BUILDING **	1287.1'	16'
51	STREETLIGHT **	1285.2'	1.3'
52	STREETLIGHT **	1300.2'	22'

OBSTRUCTION DATA TABLE

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59	TREES *	1284.7'	31.1'
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76	BUILDING **	1273.6'	12'
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97	TREES *	1314.7'	30.1'
98	BUILDING **	1258.1'	7.8'
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101	TREES *	1323.8'	33.5'
102	BUILDING **	1341.5'	6.7'
103	TREES *	1325.5'	16.7'
104	TREES *	1281.2'	15.2'

OBSTRUCTION DATA TABLE

	DESCRIPTION	ELEVATION	VIOLATION
105	TREES *	1285.9'	4.1'
106	TREES *	1282.4'	4.9'
107	TREES *	1287.1'	25.3'
108	TREES *	1297.1'	40.3'

☆ TO BE REMOVED, ☆☆ TO BE LIGHTED

NOTES:
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All coordinates based upon NAD 83.
No threshold siting surface object penetrations.
Extending 07 Threshold 350' will require approaches to this runway be amended.
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RUNWAY DATA TABLE

ITEM		RUNWAY 7-25 EXISTING	RUNWAY 7-25 ULTIMATE
AIRPORT REFERENCE CODE		B-II	B-II
DESIGN AIRCRAFT		KING AIR 200	KING AIR 200
RUNWAY LENGTH		3,502'	4,500'
RUNWAY WIDTH		75'	75'
PAVEMENT CONSTRUCTION		ASPHALT	ASPHALT
RUNWAY BEARING		62.528°	62.528°
EFFECTIVE GRADIENT		0.7%	0.56%
% WIND COVERAGE (13 KNOTS)		99.4%	99.4%
MARKINGS		Non Precision	Non Precision
RUNWAY LIGHTING		MIRL, REIL	MIRL, REIL
TAXIWAY LIGHTING		MITL	MITL
VISUAL AIDS (BOTH RUNWAYS)		PAPI	PAPI
APPROACH LIGHTING		NONE	NONE
PAVEMENT STRENGTH	SWL	25,000 lbs.	25,000 LBS.
	DWL	N/A	N/A
INSTRUMENT APPROACHES	R/W 7	NDB, GPS	NDB, GPS
	R/W 25	NONE	GPS
APPROACH VISIBILITY MINIMUMS	R/W 7	1 1/4 MILE	1 1/4 MILE
	R/W 25	Not Lower then 3/4 Mile	Not Lower then 3/4 Mile
RUNWAY END ELEVATION	R/W 7	1,255.0'	1,255.0'
	R/W 25	1,230.3'	1,230.3'
RUNWAY END COORDINATES	R/W 7	LAT. 36°27'19.72"N	LAT. 36°27'18.38101"N
		LONG. 82°53'25.41"W	LONG. 82°53'28.99884"W
	R/W 25	LAT. 36°27'34.8590"N	LAT. 36°27'37.64419"N
		LONG. 82°52'46.8610"W	LONG. 82°52'39.33525"W

LEGEND

ITEM	EXISTING	ULTIMATE
RUNWAY & TAXIWAY		
AIRPORT BUILDINGS		
RUNWAY & TAXIWAY MARKINGS		
CONTOUR (25' INTERVAL)	1600	1600
AIRPORT PROPERTY LINE		
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
RUNWAY PROTECTION ZONE		
PAVED ROADS		SAME
AIRPORT REFERENCE POINT		
THRESHOLD SITING SURFACE		
APRON PAVEMENT		
ROTATING BEACON		
POLES		
NDB		
TO BE REMOVED (ROADS, BUILDINGS)	NA	
BUILDING RESTRICTION LINE		
PART 77 APPROACH		
AVIGATION EASEMENT		
POWERLINES		

AIRPORT BUILDING DATA TABLE

	DESCRIPTION	DISPOSITION	ELEVATION
1	T-Hangars	Existing	1262'
2	T-Hangars	Existing	1264'
3	Fuel System	Existing	1262'
4	Terminal/Maintenance Hangar	Existing	1278'
5	2 Corporate Hangars	Existing	1275'
6	Corporate Hangar	Existing	1264'
7	Corporate Hangar	Existing	1262'
8	Corporate Hangar	Existing	1263'
9	Corporate Hangar	Existing	1261'
10	Corporate Hangar	Existing	1261'
11	T-Hangars	Future	1275' (Estimated)
12	T-Hangars	Future	1275' (Estimated)
13	T-Hangars	Future	1275' (Estimated)
14	60' x 60' Corporate Hangar	Future	1275' (Estimated)
15	60' x 60' Corporate Hangar	Future	1275' (Estimated)
16	60' x 60' Corporate Hangar	Future	1275' (Estimated)
17	60' x 60' Corporate Hangar	Future	1275' (Estimated)
18	60' x 60' Corporate Hangar	Future	1275' (Estimated)

AIRPORT DATA

	EXISTING	ULTIMATE
AIRPORT ELEVATION	1,255'	1,255'
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	LAT. 36°27'27.2850"N	LAT. 36°27'28.01331"N
	LONG. 82°53'06.1340"W	LONG. 82°53'04.16788"W
MEAN MAX. TEMP. HOTTEST MONTH	90.0°F	90.0°F
AIRPORT ACREAGE	56.86 ACRES	100 ACRES

RUNWAY SAFETY AREA DIMENSIONS

		WIDTH	LENGTH BEYOND RUNWAY ENDS
RUNWAY 7	EXISTING	150'	260'
	ULTIMATE	150'	300'
RUNWAY 25	EXISTING	150'	200'
	ULTIMATE	150'	300'

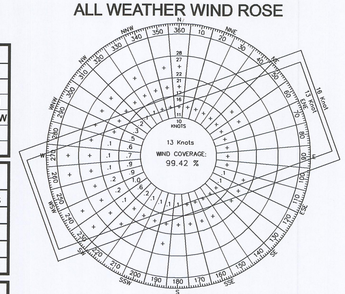
OBJECT FREE AREA DIMENSIONS

		WIDTH	LENGTH BEYOND RUNWAY ENDS
RUNWAY 7	EXISTING	500'	300'
	ULTIMATE	SAME	SAME
RUNWAY 25	EXISTING	500'	300'
	ULTIMATE	SAME	SAME

RUNWAY PROTECTION ZONE DIMENSIONS

		INNER WIDTH	OUTER WIDTH	LENGTH
RUNWAY 7	EXISTING	500'	700'	1,000'
	ULTIMATE	500'	700'	1,000'
RUNWAY 25	EXISTING	500'	700'	1,000'
	ULTIMATE	500'	700'	1,000'

ALL WEATHER WIND ROSE



SOURCE: NATIONAL CLIMATIC DATA CENTER ASHVILLE, NC
TRI-CITY AIRPORT BLOUNTVILLE, TN
DATE- 1995-2004

COVERAGE:
16 KNOT - 99.9%
13 KNOT - 99.42%
10 KNOT - 98.29%

MAGNETIC DECLINATION 2006

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 Tennessee Department of Transportation-Aeronautics Section prior to construction. TDOT--AD's review takes approximately 60 days.

	REVISION	DATE
1		
2		
3		
4		

APPROVAL BLOCK

CROCKETT LEE
HAWKINS COUNTY MAYOR

DATE

TENNESSEE DEPARTMENT OF TRANSPORTATION
AERONAUTICS DIVISION

AIRPORT LAYOUT DRAWING

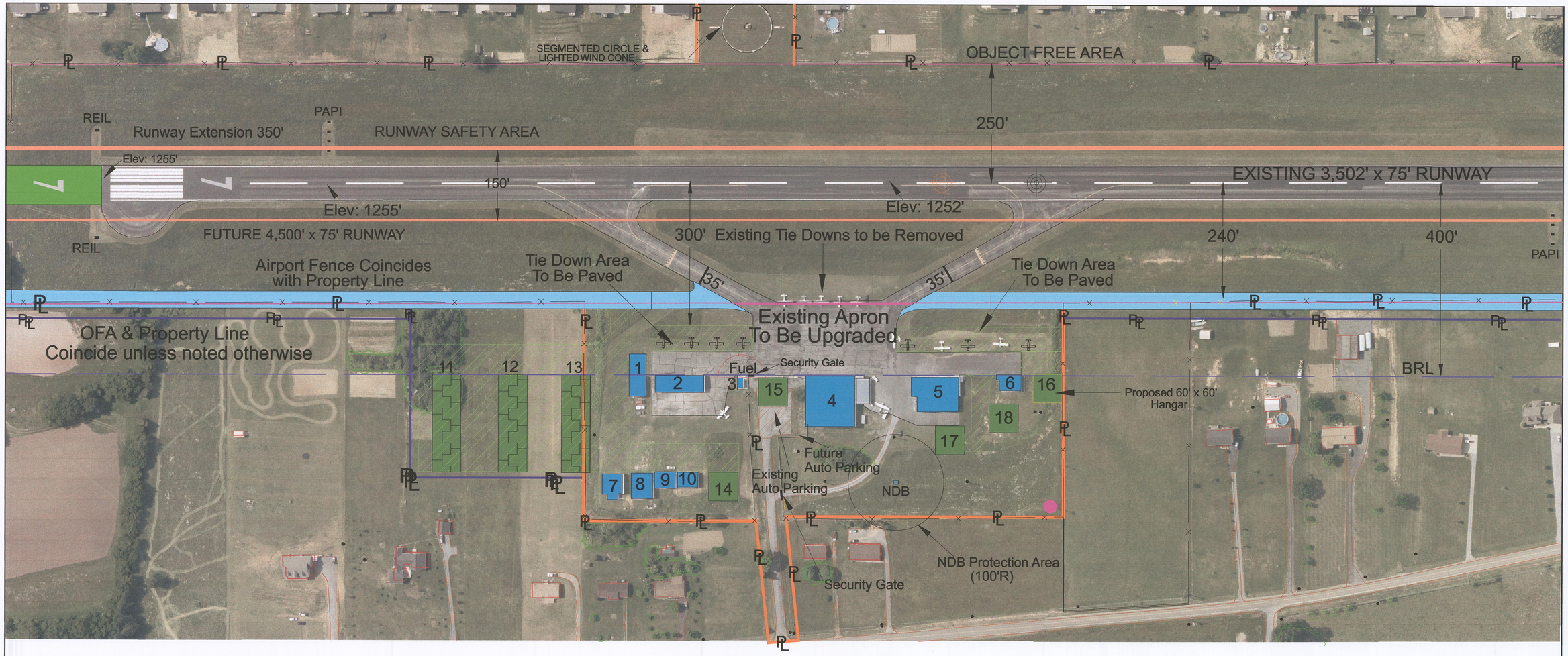
HAWKINS COUNTY AIRPORT

ROGERSVILLE, TN

HMB PROFESSIONAL ENGINEERS, INC.
NASHVILLE, TENNESSEE

SCALE:	1"=300'
DATE	3/2007
DRAWN BY:	JLB

SHEET NO. 2 OF 7



AIRPORT BUILDING DATA TABLE

	DESCRIPTION	DISPOSITION	ELEVATION
1	T-Hangars	Existing	1262'
2	T-Hangars	Existing	1264'
3	Fuel System	Existing	1262'
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6	Corporate Hangar	Existing	1264'
7	Corporate Hangar	Existing	1262'
8	Corporate Hangar	Existing	1263'
9	Corporate Hangar	Existing	1261'
10	Corporate Hangar	Existing	1261'
11	T-Hangars	Future	1270' (Estimated)
12	T-Hangars	Future	1270' (Estimated)
13	T-Hangars	Future	1270' (Estimated)
14	60' x 60' Corporate Hangar	Future	1270' (Estimated)
15	60' x 60' Corporate Hangar	Future	1270' (Estimated)
16	60' x 60' Corporate Hangar	Future	1270' (Estimated)
17	60' x 60' Corporate Hangar	Future	1270' (Estimated)
18	60' x 60' Corporate Hangar	Future	1270' (Estimated)

LEGEND

ITEM	EXISTING	ULTIMATE
RUNWAY & TAXIWAY		
AIRPORT BUILDINGS		
RUNWAY & TAXIWAY MARKINGS		
CONTOUR (25' INTERVAL)	1600	1600
AIRPORT PROPERTY LINE	PL PL	PL
RUNWAY SAFETY AREA		not shown
RUNWAY OBJECT FREE AREA		not shown
BUILDING RESTRICTION LINE		
PAVED ROADS		SAME
AIRPORT REFERENCE POINT		
APRON PAVEMENT		
ROTATING BEACON		
POLES		
NDB		
AIRPORT FENCE		

N

REVISION		DATE
1		
2		
3		
4		

TENNESSEE DEPARTMENT OF TRANSPORTATION
AERONAUTICS DIVISION

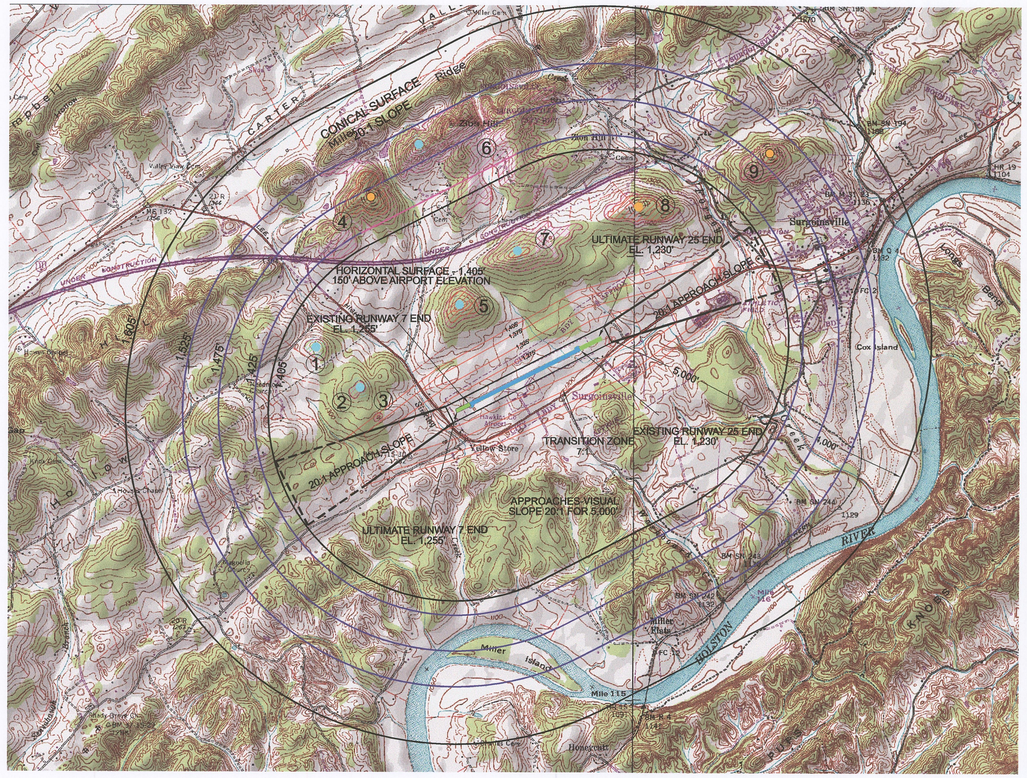
TERMINAL AREA DRAWING

HAWKINS COUNTY AIRPORT
ROGERSVILLE, TN

HMB PROFESSIONAL ENGINEERS, INC.
NASHVILLE, TENNESSEE

SCALE:	1"=100'
DATE	3/2007
DRAWN BY:	JLB

SHEET NO. 3 OF 7



2,000' 0 2,000' 4,000' 6,000'

LEGEND

- Terrain Obstructions
- Tree Obstructions
- Proposed Obstruction Light
- Existing Obstruction Light

OBSTRUCTION TABLE

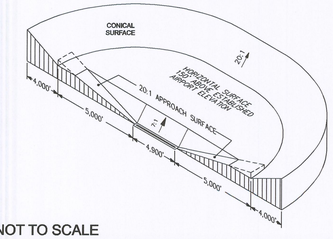
#	DESCRIPTION	TOP ELEVATION ✕	PENETRATION	PROPOSED ACTION
1	TREES	1,500'	95'	Already Lighted
2	TREES	1,500'	95'	Already Lighted
3	TREES	1,460'	55'	Already Lighted nearby
4	TREES/TERRAIN	1,660'	185'	To Be Lighted
5	TREES/TERRAIN	1,560'	155'	Already Lighted
6	TREES	1,700'	175'	Already Lighted
7	TREES/TERRAIN	1,500'	95'	Already Lighted
8	TREES/TERRAIN	1,460'	55'	To Be Lighted
9	TREES/TERRAIN	1,600'	125'	To Be Lighted

✕ Assuming 100' for maximum tree height.

NOTES

1. Grid base, U.S.G.S topographical maps. 20' contour interval.
2. Assume 100' for maximum tree height.
3. See ALP and Approach Plan for obstructions within primary surface, transitional surfaces and approach surfaces.

ISOMETRIC VIEW



NOT TO SCALE

REVISION		DATE
1		
2		
3		
4		

TENNESSEE DEPARTMENT OF TRANSPORTATION
AERONAUTICS DIVISION

AIRSPACE DRAWING

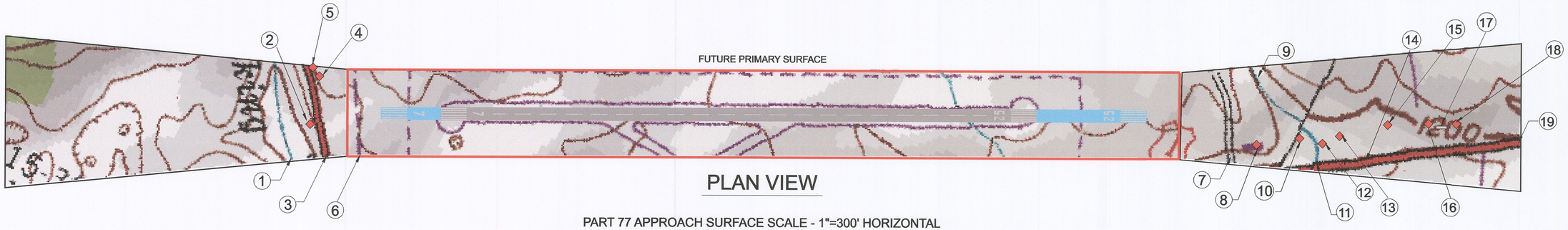
HAWKINS COUNTY AIRPORT

ROGERSVILLE, TN

HMB PROFESSIONAL ENGINEERS, INC.
NASHVILLE, TENNESSEE

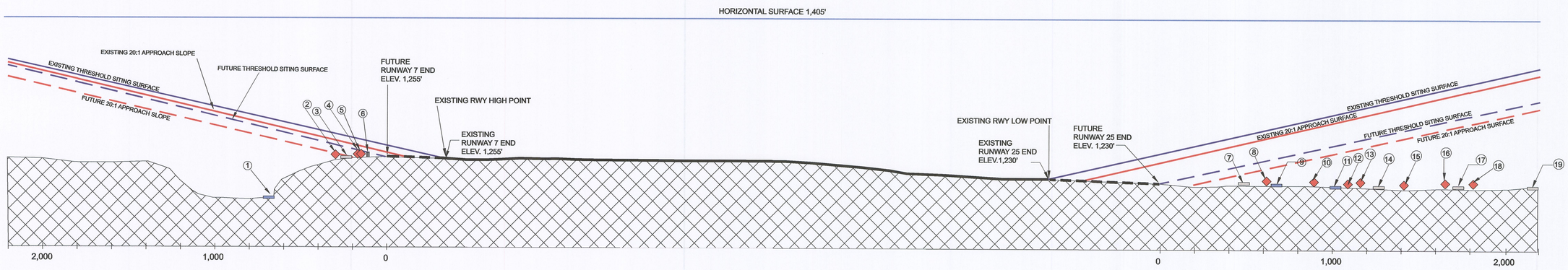
SCALE:	1"=2,000'
DATE	3/2007
DRAWN BY:	JLB

SHEET NO.
4 OF 7



PLAN VIEW

PART 77 APPROACH SURFACE SCALE - 1"=300' HORIZONTAL



PROFILE VIEW

1"=300' HORIZONTAL
1"=60' VERTICAL

DATA TABLE

NO.	DESCRIPTION	OBJECT HEIGHT	AMOUNT OF PENETRATION	ACTION TO BE TAKEN
1	STREAM	1,200'	NONE	NO ACTION
2	HOUSE	1,242'	WITHIN PROPOSED RPZ	TO BE REMOVED
3	STATE ROUTE 346	1,225'	NONE	NO ACTION
4	HOUSE	1,249'	WITHIN PROPOSED RPZ	TO BE REMOVED
5	HOUSE	1,249'	WITHIN PROPOSED RPZ	TO BE REMOVED
6	POWER LINES	1,258'	WITHIN PROPOSED RPZ	TO BE RELOCATED
7	DRIVE WAY	1,221'	WITHIN PROPOSED RSA	TO BE REMOVED
8	HOUSE	1,221'	WITHIN PROPOSED RPZ	TO BE REMOVED
9	STREAM ENTERS APPROACH	1,210'	NONE	NO ACTION
10	HOUSE	1,214'	WITHIN PROPOSED RPZ	TO BE REMOVED
11	STREAM EXITS APPROACH	1,210'	NONE	NO ACTION
12	HOUSE	1,206	WITHIN PROPOSED RPZ	TO BE REMOVED
13	HOUSE	1,211'	WITHIN PROPOSED RPZ	TO BE REMOVED
14	STATE ROUTE 34B	1,223'	NONE	NO ACTION
15	HOUSE	1,211'	NONE	NO ACTION
16	HOUSE	1,217'	NONE	NO ACTION
17	COUNTY ROAD	1,220'	NONE	NO ACTION
18	HOUSE	1,244'	NONE	NO ACTION
19	STATE ROUTE 34B	1,221'	NONE	NO ACTION

LEGEND

ITEM	EXISTING
STREAM	
HOUSE	
POWERLINES	II
ROAD	

	REVISION	DATE
1		
2		
3		
4		

TENNESSEE DEPARTMENT OF TRANSPORTATION
AERONAUTICS DIVISION

APPROACH SURFACE DRAWING

HAWKINS COUNTY AIRPORT
ROGERSVILLE, TN

HMB PROFESSIONAL ENGINEERS, INC.
NASHVILLE, TENNESSEE

SCALE:	1"=300'
DATE	3/2007
DRAWN BY:	JLB

SHEET NO.
5 OF 7