STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
AERONAUTICS DIVISION

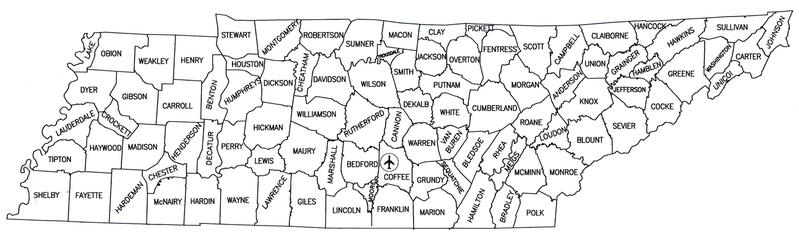
AIRPORT LAYOUT PLAN SET

FOR

TULLAHOMA REGIONAL AIRPORT

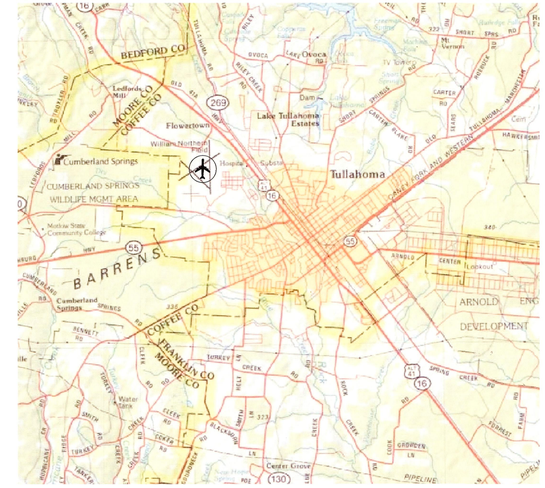
CITY OF TULLAHOMA
TULLAHOMA, TENNESSEE
AIRPORT REFERENCE CODE: THA

DATE: OCTOBER 14, 2008



LOCATION MAP

INDEX OF SHEETS



VICINITY MAP

DATE	REVISION

Tennessee Department of Transportation
Aeronautics Division

HANSON PROJECT	06S8015
FILENAME	THA ALP
SCALE	Not to Scale
DATE	10/14/08
Sheet 1 of 12	
LAYOUT	JLB2
DRAWN	JLB2
REVIEWED	TSH

TULLAHOMA REGIONAL AIRPORT AUTHORITY

Approved _____
General John Miller, Chairman

Date 10-14-08

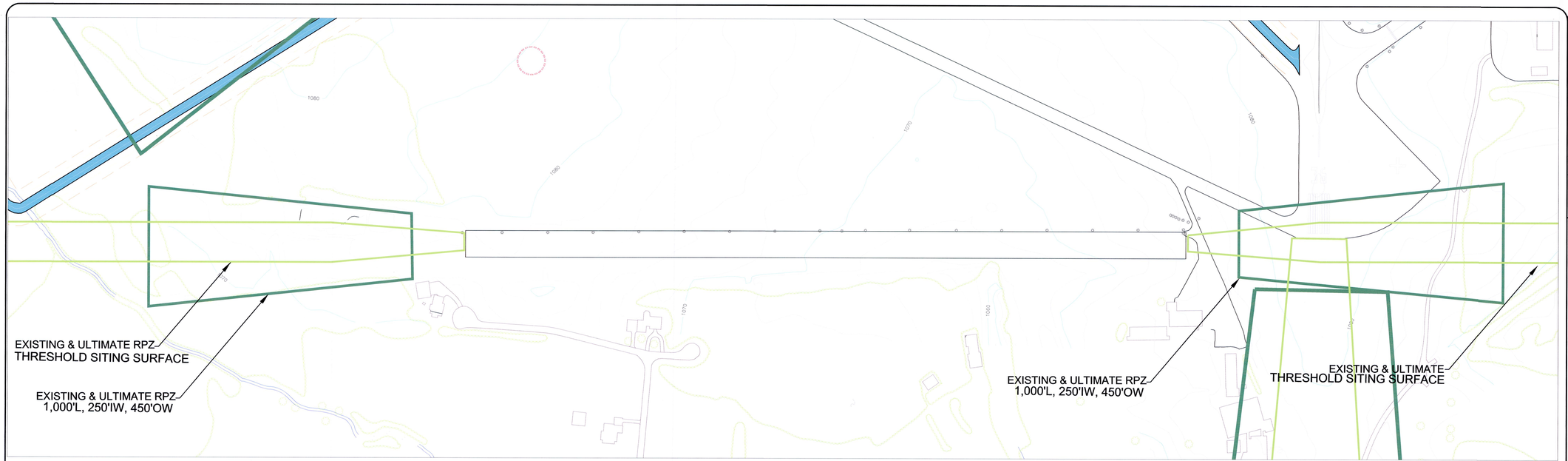
HANSON

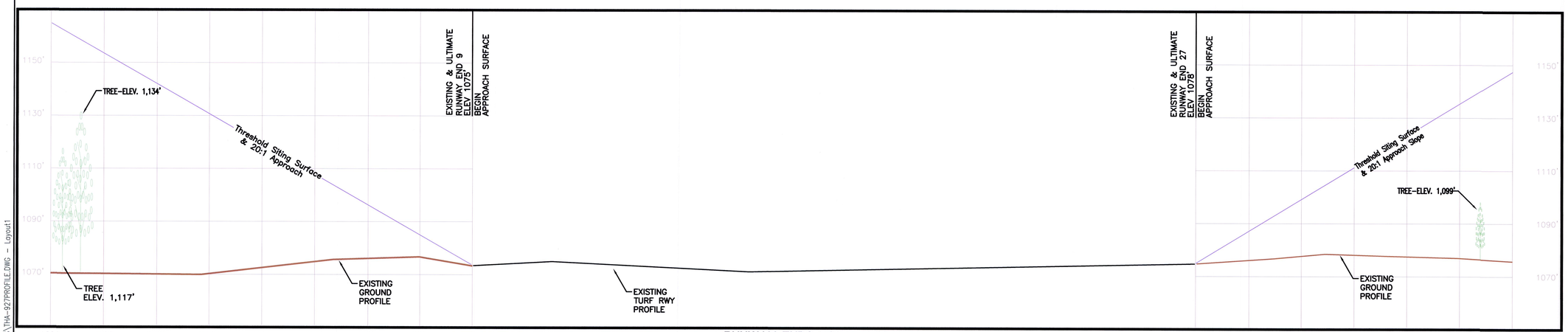
HANSON PROFESSIONAL SERVICES INC.
One Burton Hills Blvd., Suite 360
Nashville, Tennessee 37215
Offices Nationwide www.hanson-inc.com

SUBMITTED BY:

Drawn By: Joann L. Bingham, Aviation Planner
Reviewed By: Tim S. Haskell, Senior Aviation Planner
Date: October 14, 2008

OCT 13, 2008 10:32 AM BINGHJ0121A\USERS\PUBLIC\ARPT-*-*P-ANNING PROJECTS\THA ALP\CAD\SHEETS\THA-COVER.DWG





RUNWAY ENDS 9/27 - PROFILES

NOTES:
REFER TO AIRSPACE DRAWING FOR OBSTRUCTIONS WITHIN HORIZONTAL & CONICAL SURFACES.

NO OBSTRUCTIONS OR VIOLATIONS

DATE	REVISION	BY

TULLAHOMA
REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

HEI Project No. 06S8015
Filename THA-927PROFILE.DWG
Scale 1"=100'
Date 10/14/08

LAYOUT	JLB2	2/07
DRAWN	JLB2	4/08
REVIEWED	TSH	5//08

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RUNWAY 9/27 PROFILE

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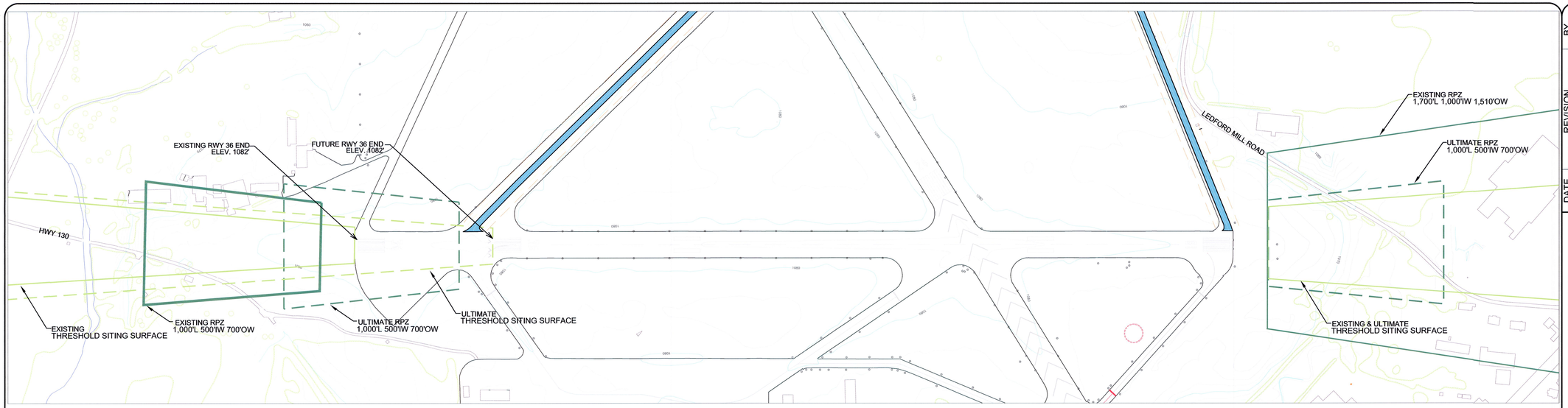

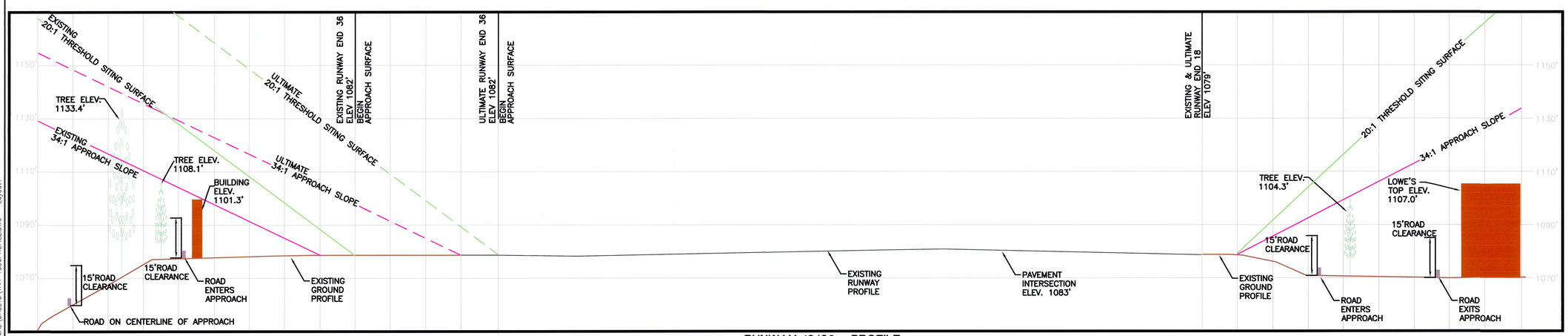

RUNWAY 18/36 - PROFILE

NOTES:
REFER TO AIRSPACE DRAWING FOR OBSTRUCTIONS WITHIN HORIZONTAL & CONICAL SURFACES.

OBSTRUCTIONS AND VIOLATIONS WILL BE ADDRESSED WITH ULTIMATE RWY RELOCATION

DATE	REVISION	BY

TULLAHOMA
REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

HSI Project No. 06S8015
Filename THA-1836PROFILE.DWG
Scale 1"=200'
Date 10/14/08

LAYOUT	JLB2	2/07
DRAWN	JLB2	5/08
REVIEWED	TSH	5/13/08

HANSON

RUNWAY 18/36
PROFILE

9

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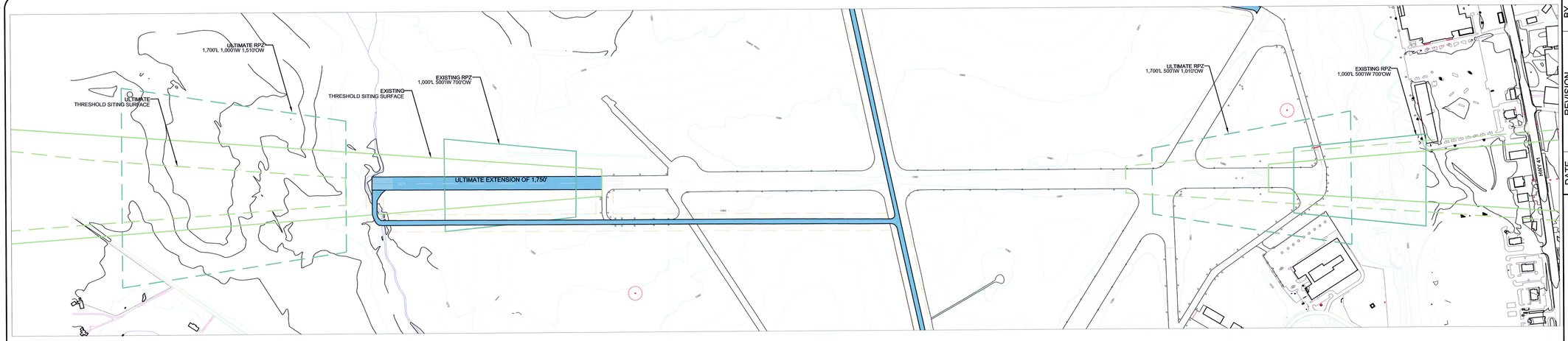
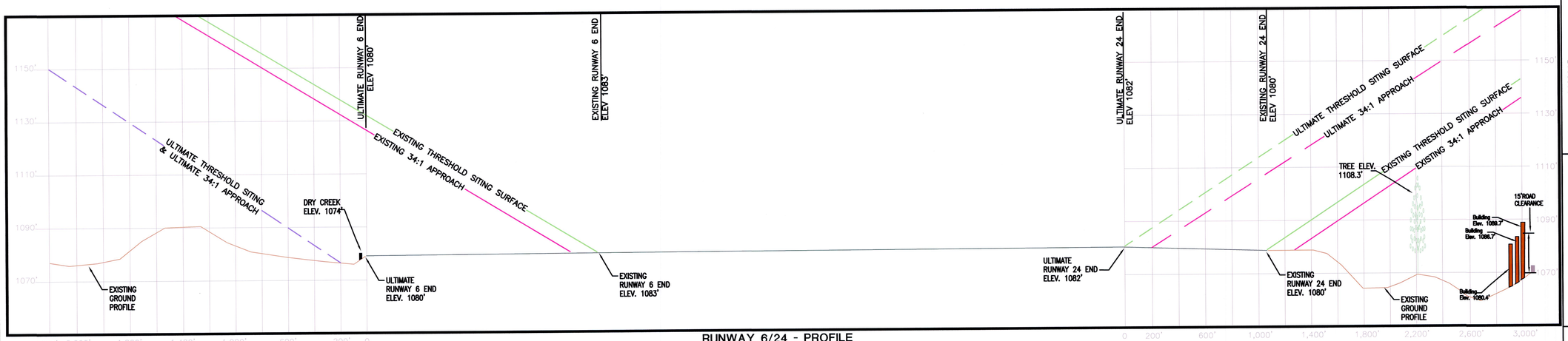




RUNWAY 6/24 - PROFILE

NOTES:
REFER TO AIRSPACE DRAWING FOR OBSTRUCTIONS WITHIN HORIZONTAL & CONICAL SURFACES.

NO OBSTRUCTIONS OR VIOLATIONS

DATE	REVISION	BY

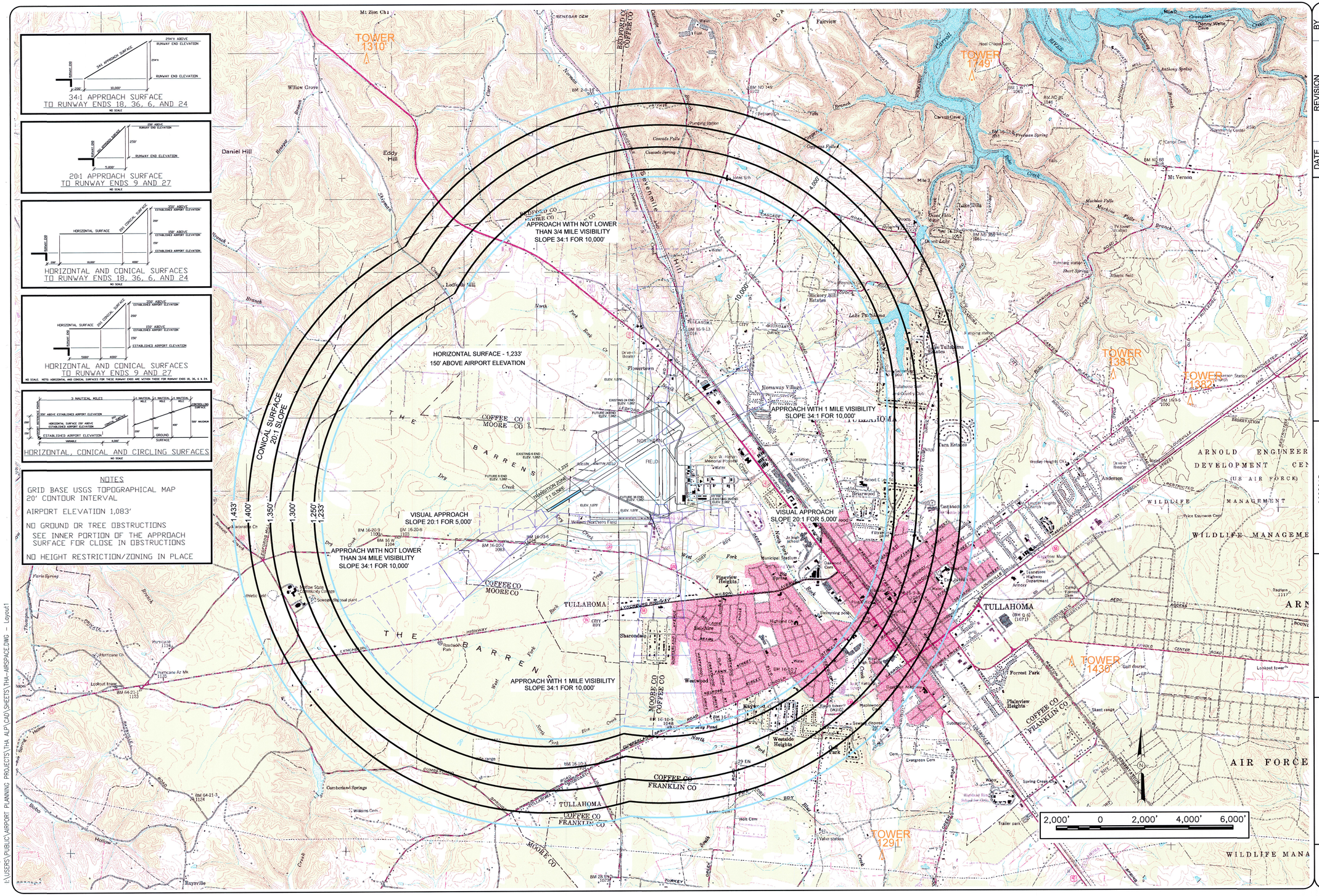
TULLAHOMA
REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

HEI Project No. 06S8015
Filename THA-624PROFILE.DWG
Scale 1"=200'
Date 10/14/08

LAYOUT	JLB2	4/2/07
DRAWN	JLB2	4/05/07
REVIEWED	TSH	5/13/08

HANSON

RUNWAY 6/24 PROFILE



DATE	REVISION	BY

TULLAHOMA
REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

HD Project No. 06S8015
Filename THA-AIRSPACE.DWG
Scale 1"=2,000'
Date 10/14/08

LAYOUT	JLB2	3/08/07
DRAWN	JLB2	5/13/08
REVIEWED	TSH	5/13/08

HANSON

AIRPORT
AIRSPACE DRAWING

7

OCT 15, 2008 10:13 AM BINGH01213
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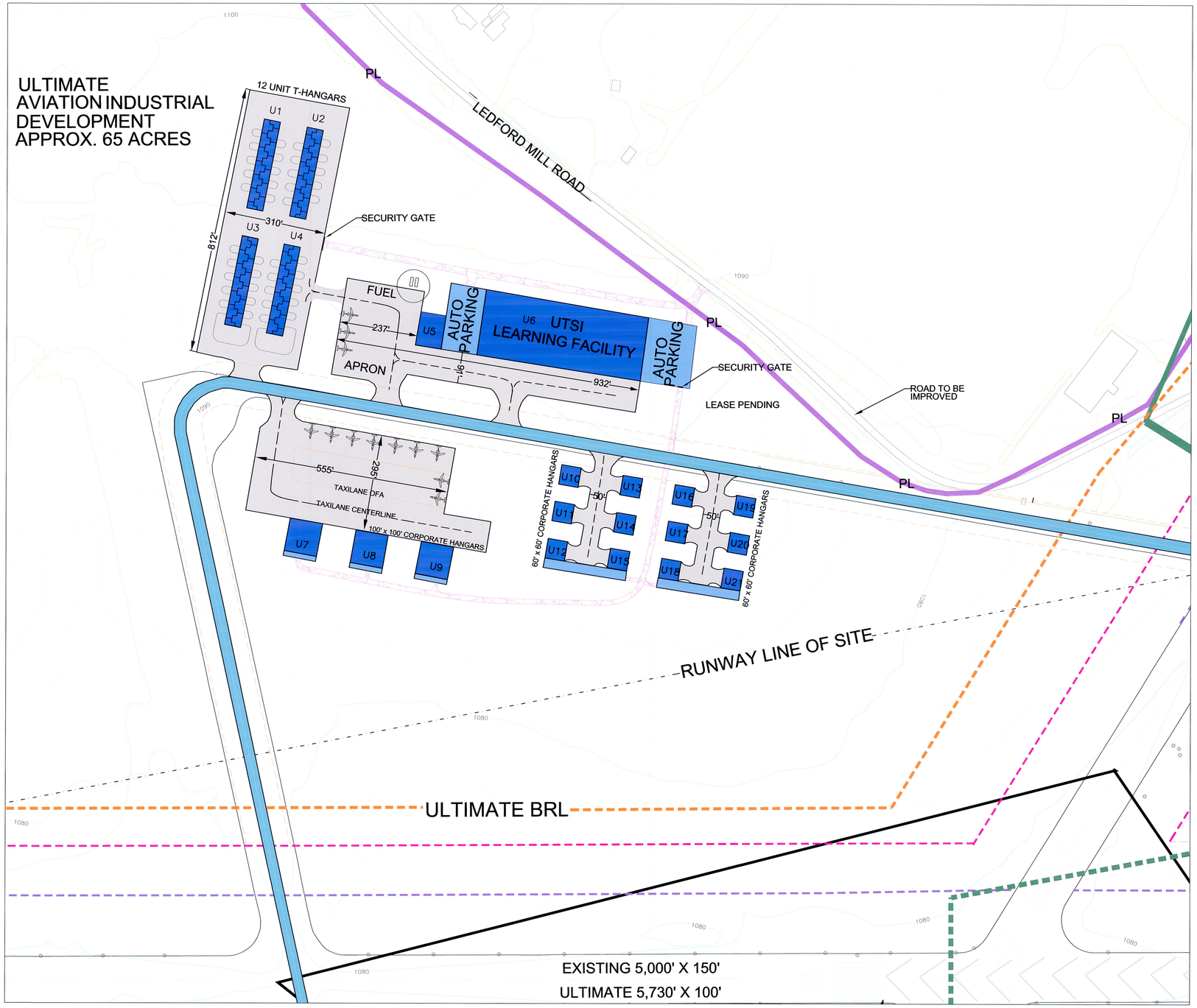

ULTIMATE FACILITIES

#	DESCRIPTION	TOP ELEVATION	#	DESCRIPTION	TOP ELEVATION
U1	12 UNIT T-HANGAR	1112'	U12	60' x 60' HANGAR	1109'
U2	12 UNIT T-HANGAR	1112'	U13	60' x 60' HANGAR	1109'
U3	12 UNIT T-HANGAR	1112'	U14	60' x 60' HANGAR	1109'
U4	12 UNIT T-HANGAR	1112'	U15	60' x 60' HANGAR	1109'
U5	75' x 40' HANGAR	1122'	U16	60' x 60' HANGAR	1109'
U6	490' x 195' HANGAR	1122'	U17	60' x 60' HANGAR	1109'
U7	100' x 100' HANGAR	1114'	U18	60' x 60' HANGAR	1109'
U8	100' x 100' HANGAR	1114'	U19	60' x 60' HANGAR	1109'
U9	100' x 100' HANGAR	1114'	U20	60' x 60' HANGAR	1109'
U10	60' x 60' HANGAR	1109'	U21	60' x 60' HANGAR	1109'
U11	60' x 60' HANGAR	1109'			

NOTE : For planning purposes, ultimate building height for 100' x 100' is 30', 60' x 60' is 25', t-hangar is 20' and 75' x 40' is 30'.

MAGNETIC DECLINATION
3° 6' W CHANGING BY
0° 5' W EACH YEAR

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
RUNWAY MARKINGS		
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (OFA)		
RUNWAY PROTECTION ZONE (RPZ)		
TAXIWAY OBJECT FREE AREA		
TAXIWAY SAFETY AREA		
BUILDING RESTRICTION LINE (BRL)		
RUNWAY VIZIBILITY ZONE		N/A
AIRFIELD PAVEMENT		
AUTOMOBILE PARKING		
AIRPORT APRON		
AIRPORT REFERENCE POINT (ARP)		
AIRPORT BUILDINGS		
AIRPORT PROPERTY LINE	PL	PL
ROADS		
TREE LINE/TREES		
CREEK		
GROUND ELEVATION COUNTOURS	2' 1090 10' 1075	2' 1090 10' 1075
GVGSI		

DATE	REVISION	BY

TULLAHOMA
REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

HEI Project No. 06S8015
Filename THA-WEST TERMINAL.DWG
Scale 1"=100'
Date 10/14/08

LAYOUT	JLB2	3/07
DRAWN	JLB2	5/13/08
REVIEWED	TSH	5/13/08

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NW TERMINAL
DRAWING

6

OCT 15, 2008 8:35 AM BINGHO1213
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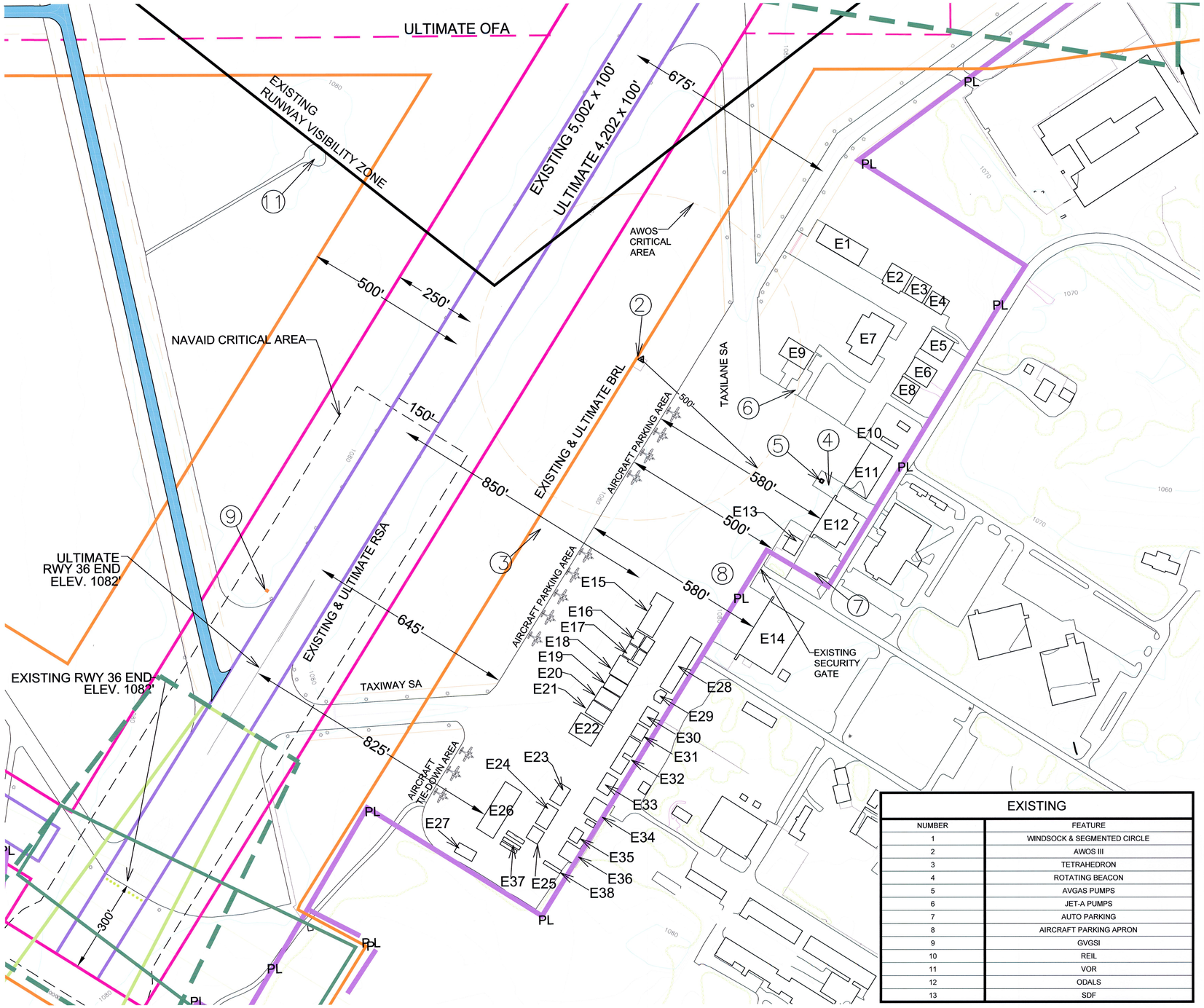

EXISTING FACILITIES

#	FACILITY & AIRPORT AUTHORITY NUMBER	TOP ELEVATION
E1	BUILDINGS #208 & 210	1106.9'
E2	BUILDING #204	1100.4'
E3	BUILDING #202	1099.1'
E4	BUILDING #200	1099.8'
E5	BUILDING #112	1101.3'
E6	BUILDING #106	1101.4'
E7	BUILDING #310	1106.7'
E8	BUILDING #108	1101.6'
E9	BUILDING #300	1104.0'
E10	SKYDIVE BUILDING #104	1091.2'
E11	BULDING # 102	1108.6'
E12	STORAGE HANGAR & AUTHORITY OFFICE # 112	1126.7'
E13	TERMINAL BUILDING	1096.0'
E14	STORAGE HANGAR	1118.2'
E15	HANGARS BUILDING # 100 & 205	1096.4'
E16	HANGARS BUILDING # 206 & 102	1095.8'
E17	HANGARS BUILDING # 207, 208, 104, & 106	1096.0'
E18	HANGARS BUILDING # 211 & 108	1099.7'
E19	HANGAR BUILDING # 110	1095.6'
E20	HANGAR BUILDING # 112	1095.3'
E21	HANGAR BUILDING # 114	1096.2'
E22	HANGAR BUILDING # 116	1101.0'
E23	STORAGE HANGAR BUILDING # 118	1099.7'
E24	STORAGE HANGAR BUILDING # 120	1089.6'
E25	STORAGE HANGAR BUILDING # 122	1095.4'
E26	STORAGE HANGAR BUILDING # 301	1100.9'
E27	MODULAR FACILITY	1091.8'
E28	INDIVIDUAL HANGARS # 101, 103, 105 & 107	1096.0'
E29	INDIVIDUAL HANGAR # 109	1089.2'
E30	INDIVIDUAL HANGAR # 111	1095.5'
E31	INDIVIDUAL HANGAR # 111	1093.8'
E32	INDIVIDUAL HANGARS # 115 & 117	1092.1'
E33	INDIVIDUAL HANGAR # 119	1098.9'
E34	INDIVIDUAL HANGAR # 121	1091.6'
E35	INDIVIDUAL HANGAR # 123	1093.9'
E36	INDIVIDUAL HANGAR # 125	1090.7'
E37	UTSI MODULAR FACILITY	1087.6'
E38	MODULAR FACILITY	1088.1'

EXISTING

NUMBER	FEATURE
1	WINDSOCK & SEGMENTED CIRCLE
2	AWOS III
3	TETRAHEDRON
4	ROTATING BEACON
5	AVGAS PUMPS
6	JET-A PUMPS
7	AUTO PARKING
8	AIRCRAFT PARKING APRON
9	GVGSI
10	REIL
11	VOR
12	ODALS
13	SDF

MAGNETIC DECLINATION
3° 6' W CHANGING BY
0° 5' W EACH YEAR

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
RUNWAY MARKINGS		
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (OFA)		
RUNWAY PROTECTION ZONE (RPZ)		
TAXIWAY OBJECT FREE AREA		
TAXIWAY SAFETY AREA		
BUILDING RESTRICTION LINE (BRL)		
RUNWAY VIZIBILITY ZONE		N/A
AIRFIELD PAVEMENT		
AUTOMOBILE PARKING		
AIRPORT APRON		
AIRPORT REFERENCE POINT (ARP)		
AIRPORT BUILDINGS		
AIRPORT PROPERTY LINE	PL	PL
ROADS		
TREE LINE/TREES		
CREEK		
GROUND ELEVATION COUNTOURS	2' 1090 10' 1075	2' 1090 10' 1075
GVGSI		

DATE	REVISION	BY

TULLAHOMA
REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

HEI Project No. 06S8015
Filename THA-EAST TERMINAL.DWG
Scale 1"=100'
Date 10/14/08

LAYOUT	JLB2	4/07
DRAWN	JLB2	5/13/08
REVIEWED	TSH	5/13/08

HANSON

EAST TERMINAL DRAWING

OCT 14, 2008 2:47 PM BINGH01213
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RUNWAY DATA

RUNWAY DATA		RUNWAY 18/36 Existing	RUNWAY 18/36 Ultimate	RUNWAY 6/24 Existing	RUNWAY 6/24 Ultimate	RUNWAY 9/27 Existing	RUNWAY 9/27 Ultimate
Effective Gradient (%)		.0007%	.0007%	.001%	.0003%	.001%	.001%
Wind Coverage (%)		13K = 98.60%	13K = 98.60%	16K = 99.41%	10.5K = 99.41%	10.5K = 89.86%	10.5K = 89.86%
Maximum Elevation (MSL)		1082.8'	1082.8'	1083.2'	1083.2'	1077.8'	1077.8'
Runway Length		5,002'	4,202'	5,000'	5,730'	2,732'	2,732'
Runway Width		100'	100'	150'	150'	100'	100'
Relocated Threshold		NONE	RWY 36: 800'	RWY 24: 502'	RWY 24: 1020'	NONE	NONE
Usable Runway Length		5,002'	4,202'	5,000'	5,730'	2,732'	2,732'
Surface Type		ASPHALT/CONCRETE	ASPHALT/CONCRETE	ASPHALT/CONCRETE	ASPHALT/CONCRETE	TURF	TURF
Pavement Strength	Single Wheel	37,000 lbs	37,000 lbs	45,000 lbs	45,000 lbs	N/A	N/A
	Double Wheel	N/A	N/A	60,000 lbs	60,000 lbs	N/A	N/A
Approach Surface Slope		18 34:1	18 34:1	6 34:1	6 34:1	9 20:1	9 20:1
		36 34:1	36 34:1	24 34:1	24 34:1	27 20:1	27 20:1
Approach Visibility Minimums		18 3/4 MILE	18 3/4 MILE	6 1 MILE	6 3/4 MILE	9 VISUAL	9 VISUAL
		36 1 MILE	36 1 MILE	24 1 MILE	24 1 MILE	27 VISUAL	27 VISUAL
Instrument Approach Aids		18 RNAV (GPS) , SDF	18 RNAV (GPS) , SDF	6 VOR	6 VOR	9 NONE	9 NONE
		36 RNAV (GPS)	36 RNAV (GPS)	24 VOR	24 VOR	27 NONE	27 NONE
Runway Lighting		MIRL	MIRL	MIRL	MIRL	NONE	NONE
Visual Aids		18 PAPI & ODALS	18 2-LIGHT PAPI	6 NONE	6 NONE	9 NONE	9 NONE
		36 2-LIGHT PAPI	36 2-LIGHT PAPI	24 NONE	24 NONE	27 NONE	27 NONE
Runway Marking		NONPRECISION	NONPRECISION	NON-PRECISION	NON-PRECISION	N/A	N/A
Airport Reference Code		B-II	B-II	B-II	C-II	A-I	A-I
Critical Aircraft		BEECH KING AIR B200	BEECH KING AIR B200	BEECH KING AIR B200	GULFSTREAM III	CESSNA 150	CESSNA 150
Stage Length		500 MILES	500 MILES	500 MILES	1,000 MILES	LOCAL	LOCAL
Runway Object Free Area (ROFA)	Length	300'	300'	300'	800'	240'	240'
	Width	500'	500'	500'	1,000'	250'	250'
Runway Safety Area (RSA)	Length	300'	300'	300'	1,000'	240'	240'
	Width	150'	150'	150'	500'	120'	120'
FAR Part 77 Category		NON-PRECISION B/C	NON-PRECISION B/C	NON-PRECISION B/C	NON-PRECISION B/C	VISUAL A	VISUAL A
Runway End Coordinates (NAD 83)		18 LAT. 35°23'17.12"	18 SAME	6 LAT. 35°22'39.84"	6 LAT. 35°22'30.83"	9 LAT. 35°22'27.04"	9 SAME
		18 LONG. 86°14'36.84"	18 SAME	6 LONG. 86°15'20.65"	6 LONG. 86°15'38.34"	9 LONG. 86°15'16.21"	9 SAME
		36 LAT. 35°22'27.65"	36 LAT. 35°22'35.34"	24 LAT. 35°23'08.83"	24 LAT. 35°23'00.87"	27 LAT. 35°22'27.39"	27 SAME
		36 LONG. 86°14'36.67"	36 LONG. 86°14'36.71"	24 LONG. 86°14'24.45"	24 LONG. 86°14'39.89"	27 LONG. 86°14'43.69"	27 SAME
Runway End Elevations (MSL)		18 1078.9'	18 SAME	6 1083.2'	6 1080.0'	9 1077.9'	9 SAME
		36 1082.3'	36 1082.3'	24 1080.9'	24 1082.0'	27 1075.0'	27 SAME
Dispaced Threshold Elevation (MSL)		NONE	RWY END 36 1082.3'	RWY END 24 1080.9'	NONE	NONE	NONE
TDZ Elevation (MSL)		18 1082'	18 1079'	6 1082'	6 1080'	9 1077.9'	9 1077.9'
		36 1082'	36 1082'	24 1081'	24 1082'	27 1075.0'	27 1075.0'

EXISTING FACILITIES

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E36	INDIVIDUAL HANGAR # 125	1090.7'
E37	UTSI MODULAR FACILITY	1087.6'
E38	MODULAR FACILITY	1088.1'

AIRPORT DATA

		EXISTING	ULTIMATE
Airport Elevation (MSL)		1081.6'	1081.6'
ARP (NAD 83)	Latitude	LAT. 35°22'54.48"	LAT. 35°22'50.31"
	Longitude	LONG. 86°14'46.86"	LONG. 86°14'55.61"
Mean Maximum Temperature		88 °F	88 °F
Airport Terminal Area NAVAIDS		BEACON, VOR & NDB	BEACON, VOR & NDB
Airport Reference Code		B-II	B-II
Design Aircraft		KING AIR B200	KING AIR B200
Taxiway Lighting		MITL	MITL

EXISTING OBJECTS

NUMBER	FEATURE
1	WINDSOCK & SEGMENTED CIRCLE
2	AWOS III
3	TETRAHEDRON
4	ROTATING BEACON
5	AVGAS PUMPS
6	JET-A PUMPS
7	AUTO PARKING
8	AIRCRAFT PARKING APRON
9	GVGSI
10	REIL
11	VOR
12	ODALS
13	SDF

EXISTING RUNWAY PROTECTION ZONES

RPZ 1	1,000'L, 500'IW, 700'OW
RPZ 2	1,000'L, 500'IW, 700'OW
RPZ 3	1,700'L, 1,000'IW, 1,510'OW
RPZ 4	1,000'L, 500'IW, 700'OW
RPZ 5	1,000'L, 250'IW, 450'OW
RPZ 6	1,000'L, 250'IW, 450'OW

ULTIMATE RUNWAY PROTECTION ZONES

RPZ 7	1,700'L, 1,000'IW, 1,510'OW
RPZ 8	1,700'L, 500'IW, 1,010'OW
RPZ 9	1,000'L, 500'IW, 700'OW

ULTIMATE FACILITIES

#	DESCRIPTION	TOP ELEVATION	#	DESCRIPTION	TOP ELEVATION
U1	12 UNIT T-HANGAR	1112'	U12	60' x 60' HANGAR	1109'
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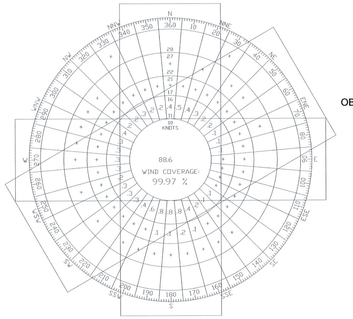
U4	12 UNIT T-HANGAR	1112'	U15	60' x 60' HANGAR	1109'
U5	75' x 40' HANGAR	1122'	U16	60' x 60' HANGAR	1109'
U6	490' x 195' HANGAR	1122'	U17	60' x 60' HANGAR	1109'
U7	100' x 100' HANGAR	1114'	U18	60' x 60' HANGAR	1109'
U8	100' x 100' HANGAR	1114'	U19	60' x 60' HANGAR	1109'
U9	100' x 100' HANGAR	1114'	U20	60' x 60' HANGAR	1109'
U10	60' x 60' HANGAR	1109'	U21	60' x 60' HANGAR	1109'
U11	60' x 60' HANGAR	1109'			

NOTE : For planning purposes, ultimate building height for 100' x 100' is 30', 60' x 60' is 25', t-hangar is 20' and 75' x 40' is 30'.



ALL WEATHER WIND ROSE

SOURCE: NATIONAL CLIMATIC DATA CENTER ASHVILLE, NC

OBSERVATIONS: BASED ON 79,221 OBSERVATIONS AT NASHVILLE INTERNATIONAL AIRPORT JANUARY 1997 TO DECEMBER 2006

COVERAGE: RUNWAY 18/36 13 KNOT = 98.60%

RUNWAY 6/24 16 KNOT = 99.41%

RUNWAY 9/27 10.5 KNOT (VFR) = 89.86%

MAGNETIC DECLINATION 3° 6' W CHANGING BY 0° 5' W EACH YEAR

NOTES:

All GVGSI siting must be in accordance with FAA guidance.
Refer to Airspace Drawing for obstructions within Horizontal & Conical Sufaces.
Refer to Inner Portion of the Approach Surface Drawing for close in obstructions.
Ultimate land acquisition should be coordinated with TDOT, Aeronautics Division.
All coordinates based upon NAD 83.
No Obstacle Free Zone Penetrations.
No Threshold Siting Surface Object Penetrations.

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 TDOT-Aeronautics Division/FAA prior to construction. TDOT-AD's review takes approximately 60 days.

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
Runway Markings		
Runway Safety Area (RSA)		
Runway Object Free Area (ROFA)		
Runway Protection Zone (RPZ)		
Taxiway Object Free Area (TOFA)		
Taxiway Safety Area		
Building Restriction Line (BRL)		
Runway Visibility Zone		N/A
Airfield Pavement		
Automobile Parking		
Airport Apron		
Airport Reference Point		
Airport Buildings		
Airport Property Line/Easements	PL	PL
Roads		
Tree line		
Stream		
Ground Elevation Contours	2' 1090, 10' 1075	2' 1090, 10' 1075
GVGSI		

DATE	REVISION	BY

TULLAHOMA REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

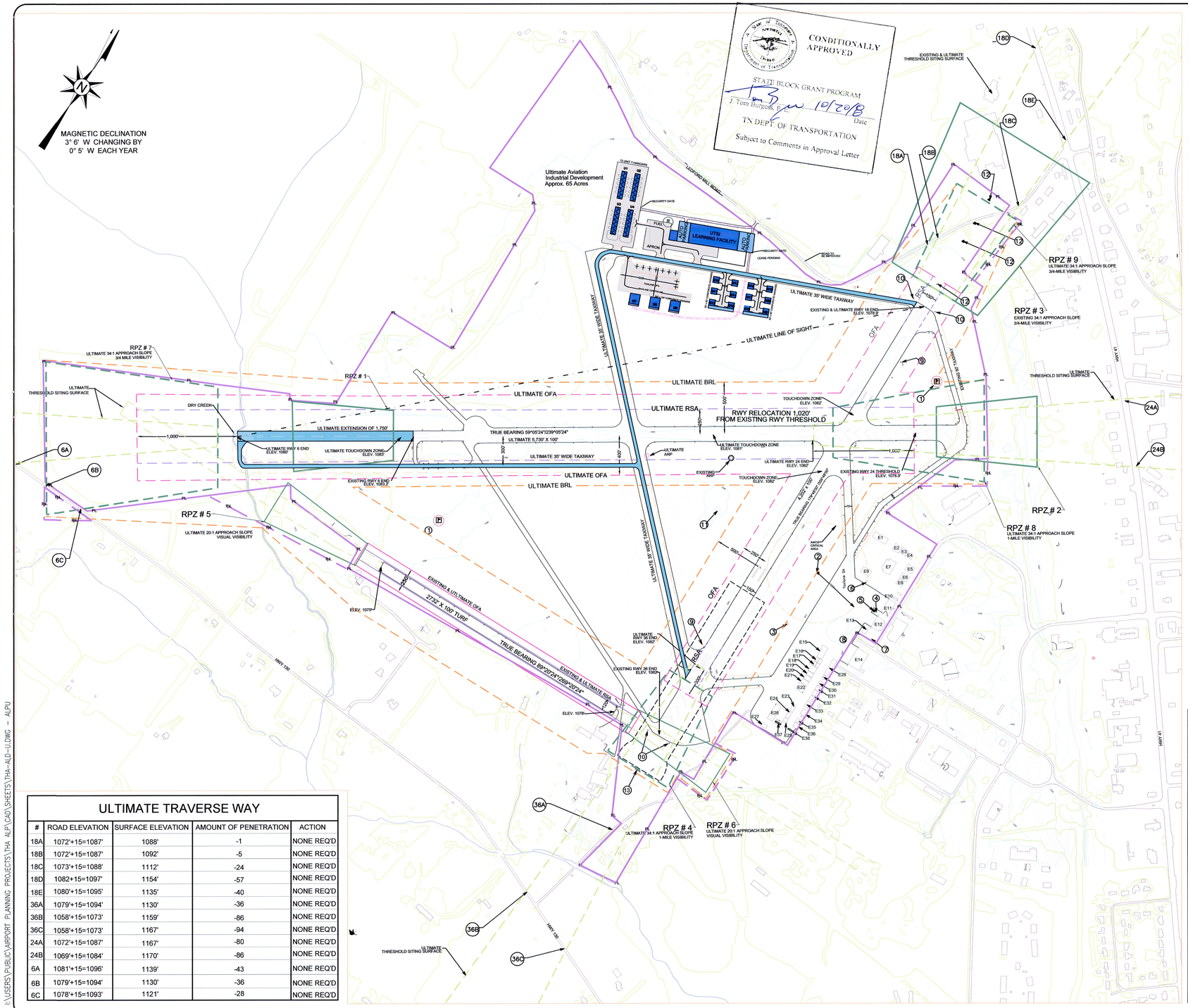
HSI Project No. 06S8015
Filename THA-DATA.DWG
Scale Not to Scale
Date 10/14/08

LAYOUT	JLB2	2/07
DRAWN	JLB2	5/08
REVIEWED	TSH	5/08

HANSON

AIRPORT DATA TABLES

4



ULTIMATE FACILITIES

#	DESCRIPTION	TOP ELEVATION	#	DESCRIPTION	TOP ELEVATION
U1	12 UNIT T-HANGAR	1112'	U12	60' x 60' HANGAR	1109'
U2	12 UNIT T-HANGAR	1112'	U13	60' x 60' HANGAR	1109'
U3	12 UNIT T-HANGAR	1112'	U14	60' x 60' HANGAR	1109'
U4	12 UNIT T-HANGAR	1112'	U15	60' x 60' HANGAR	1109'
U5	75' x 40' HANGAR	1122'	U16	60' x 60' HANGAR	1109'
U6	490' x 195' HANGAR	1122'	U17	60' x 60' HANGAR	1109'
U7	100' x 100' HANGAR	1114'	U18	60' x 60' HANGAR	1109'
U8	100' x 100' HANGAR	1114'	U19	60' x 60' HANGAR	1109'
U9	100' x 100' HANGAR	1114'	U20	60' x 60' HANGAR	1109'
U10	60' x 60' HANGAR	1109'	U21	60' x 60' HANGAR	1109'
U11	60' x 60' HANGAR	1109'			

NOTE : For planning purposes, ultimate building height for 100' x 100' is 30', 60' x 60' is 25', T-hangar is 20' and 75' x 40' is 30'.

ULTIMATE RUNWAY PROTECTION ZONES

RPZ 7	1,700'L, 1,000'IW, 1,510'OW
RPZ 8	1,700'L, 500'IW, 1,010'OW
RPZ 9	1,000'L, 500'IW, 700'OW

EXISTING OBJECTS

NUMBER	FEATURE
1	WINDSOCK & SEGMENTED CIRCLE
2	AWOS III
3	TETRAHEDRON
4	ROTATING BEACON
5	AVGAS PUMPS
6	JET-A PUMPS
7	AUTO PARKING
8	AIRCRAFT PARKING APRON
9	GVGSI
10	REIL
11	VOR
12	ODALS
13	SDF

EXISTING RUNWAY PROTECTION ZONES

RPZ 1	1,000'L, 500'IW, 700'OW
RPZ 2	1,000'L, 500'IW, 700'OW
RPZ 3	1,700'L, 1,000'IW, 1,510'OW
RPZ 4	1,000'L, 500'IW, 700'OW
RPZ 5	1,000'L, 250'IW, 450'OW
RPZ 6	1,000'L, 250'IW, 450'OW

ULTIMATE TRAVERSE WAY

#	ROAD ELEVATION	SURFACE ELEVATION	AMOUNT OF PENETRATION	ACTION
18A	1072'+15=1087'	1088'	-1	NONE REQ'D
18B	1072'+15=1087'	1092'	-5	NONE REQ'D
18C	1073'+15=1088'	1112'	-24	NONE REQ'D
18D	1082+15=1097'	1154'	-57	NONE REQ'D
18E	1080'+15=1095'	1135'	-40	NONE REQ'D
36A	1079'+15=1094'	1130'	-36	NONE REQ'D
36B	1058'+15=1073'	1159'	-86	NONE REQ'D
36C	1058'+15=1073'	1167'	-94	NONE REQ'D
24A	1072'+15=1087'	1167'	-80	NONE REQ'D
24B	1069'+15=1084'	1170'	-86	NONE REQ'D
6A	1081'+15=1096'	1139'	-43	NONE REQ'D
6B	1079'+15=1094'	1130'	-36	NONE REQ'D
6C	1078'+15=1093'	1121'	-28	NONE REQ'D

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
Runway Markings		
Runway Safety Area (RSA)		
Runway Object Free Area (ROFA)		
Runway Protection Zone (RPZ)		
Taxiway Object Free Area (TOFA)		
Taxiway Safety Area		
Building Restriction Line (BRL)		
Runway Visibility Zone		N/A
Airfield Pavement		
Automobile Parking		
Airport Apron		
Airport Reference Point		
Airport Buildings		
Airport Property Line/Easements	PL	PL
Roads		
Tree line		
Stream		
Ground Elevation Contours	2' 1090 10' 1075	2' 1090 10' 1075
GVGSI		

DATE	REVISION	BY

TULLAHOMA REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

APPROVED Chairman, General John Miller
DATE 10-14-08

HEI Project No. 06S8015
Filename THA-ALD-U.DWG
Scale 1"=500'
Date 10/14/08

LAYOUT	JLB2	2/07
DRAWN	JLB2	5/13/08
REVIEWED	TSH	5/13/08

HANSON

ULTIMATE LAYOUT

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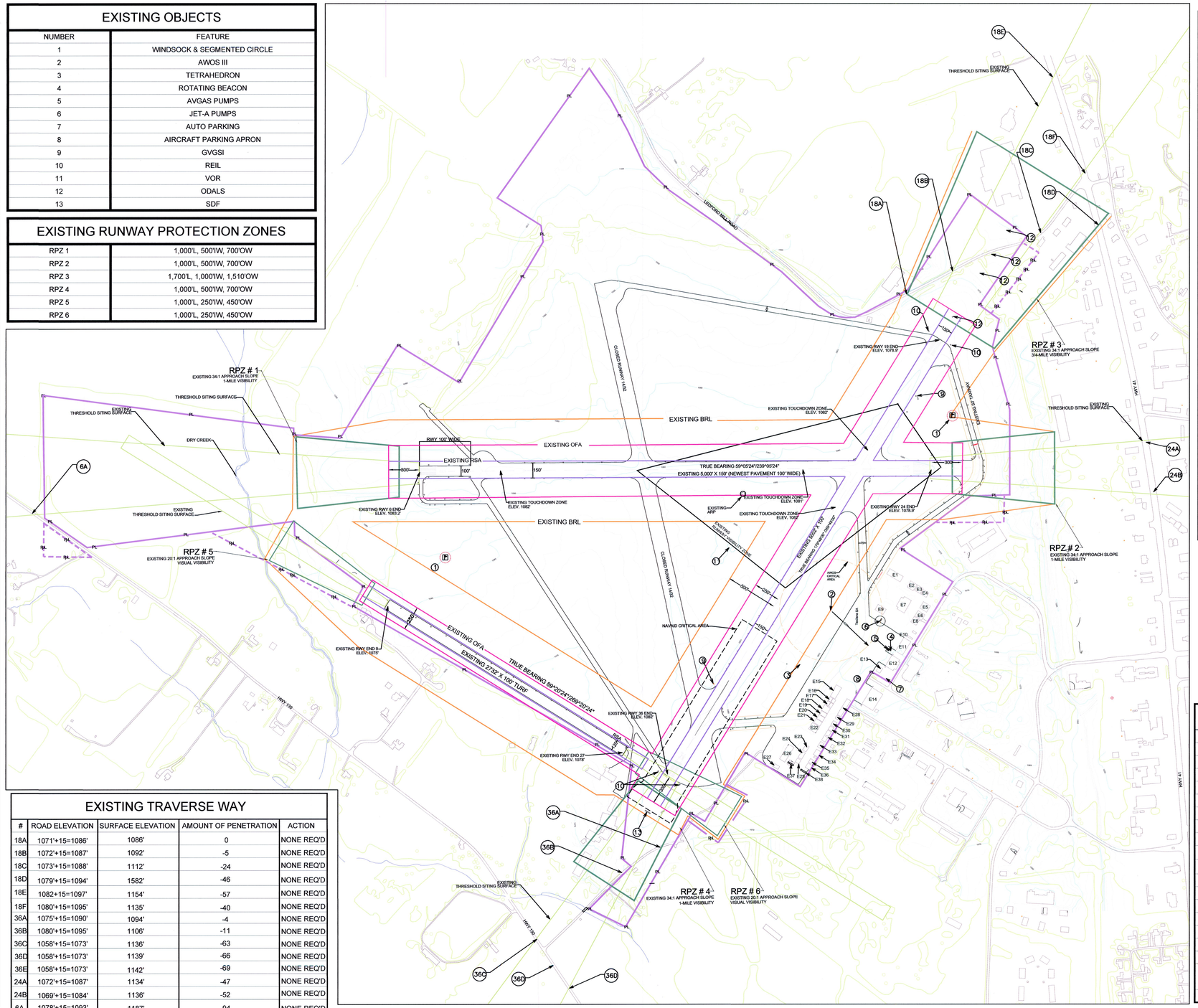
EXISTING OBJECTS

NUMBER	FEATURE
1	WINDSOCK & SEGMENTED CIRCLE
2	AWOS III
3	TETRAHEDRON
4	ROTATING BEACON
5	AVGAS PUMPS
6	JET-A PUMPS
7	AUTO PARKING
8	AIRCRAFT PARKING APRON
9	GVGSI
10	REIL
11	VOR
12	ODALS
13	SDF

EXISTING RUNWAY PROTECTION ZONES

RPZ 1	1,000'L, 500'IW, 700'OW
RPZ 2	1,000'L, 500'IW, 700'OW
RPZ 3	1,700'L, 1,000'IW, 1,510'OW
RPZ 4	1,000'L, 500'IW, 700'OW
RPZ 5	1,000'L, 250'IW, 450'OW
RPZ 6	1,000'L, 250'IW, 450'OW



EXISTING TRAVERSE WAY

#	ROAD ELEVATION	SURFACE ELEVATION	AMOUNT OF PENETRATION	ACTION
18A	1071'+15=1086'	1086'	0	NONE REQ'D
18B	1072'+15=1087'	1092'	-5	NONE REQ'D
18C	1073'+15=1088'	1112'	-24	NONE REQ'D
18D	1079'+15=1094'	1582'	-46	NONE REQ'D
18E	1082+15=1097'	1154'	-57	NONE REQ'D
18F	1080'+15=1095'	1135'	-40	NONE REQ'D
36A	1075'+15=1090'	1094'	-4	NONE REQ'D
36B	1080'+15=1095'	1106'	-11	NONE REQ'D
36C	1058'+15=1073'	1136'	-63	NONE REQ'D
36D	1058'+15=1073'	1139'	-66	NONE REQ'D
36E	1058'+15=1073'	1142'	-69	NONE REQ'D
24A	1072'+15=1087'	1134'	-47	NONE REQ'D
24B	1069'+15=1084'	1136'	-52	NONE REQ'D
6A	1078'+15=1093'	1187'	-94	NONE REQ'D

EXISTING FACILITIES

#	FACILITY & AIRPORT AUTHORITY NUMBER	TOP ELEVATION
E1	BUILDINGS #208 & 210	1106.9'
E2	BUILDING #204	1100.4'
E3	BUILDING #202	1099.1'
E4	BUILDING #200	1099.8'
E5	BUILDING #112	1101.3'
E6	BUILDING #106	1101.4'
E7	BUILDING #310	1106.7'
E8	BUILDING #108	1101.6'
E9	BUILDING #300	1104.0'
E10	SKYDIVE BUILDING #104	1091.2'
E11	BULDING # 102	1108.6'
E12	STORAGE HANGAR & AUTHORITY OFFICE # 112	1126.7'
E13	TERMINAL BUILDING	1096.0'
E14	STORAGE HANGAR	1118.2'
E15	HANGARS BUILDING # 100 & 205	1096.4'
E16	HANGARS BUILDING # 206 & 102	1095.8'
E17	HANGARS BUILDING # 207, 208, 104, & 106	1096.0'
E18	HANGARS BUILDING # 211 & 108	1099.7'
E19	HANGAR BUILDING # 110	1095.6'
E20	HANGAR BUILDING # 112	1095.3'
E21	HANGAR BUILDING # 114	1096.2'
E22	HANGAR BUILDING # 116	1101.0'
E23	STORAGE HANGAR BUILDING # 118	1099.7'
E24	STORAGE HANGAR BUILDING # 120	1089.6'
E25	STORAGE HANGAR BUILDING # 122	1095.4'
E26	STORAGE HANGAR BUILDING # 301	1100.9'
E27	MODULAR FACILITY	1091.8'
E28	INDIVIDUAL HANGARS # 101, 103, 105 & 107	1096.0'
E29	INDIVIDUAL HANGAR # 109	1089.2'
E30	INDIVIDUAL HANGAR # 111	1095.5'
E31	INDIVIDUAL HANGAR # 111	1093.8'
E32	INDIVIDUAL HANGARS # 115 & 117	1092.1'
E33	INDIVIDUAL HANGAR # 119	1098.9'
E34	INDIVIDUAL HANGAR # 121	1091.6'
E35	INDIVIDUAL HANGAR # 123	1093.9'
E36	INDIVIDUAL HANGAR # 125	1090.7'
E37	UTSI MODULAR FACILITY	1087.6'
E38	MODULAR FACILITY	1088.1'

CONDITIONALLY APPROVED

STATE AIRPORT GRANT PROGRAM

J. Tom Burgess, P.E. 10/2008 Date

TN DEPT. OF TRANSPORTATION

Subject to Comments in Approval Letter

MAGNETIC DECLINATION
3° 6' W CHANGING BY
0° 5' W EACH YEAR

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
Runway Markings		
Runway Safety Area (RSA)		
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DATE	REVISION	BY

TULLAHOMA REGIONAL AIRPORT
WILLIAM NORTHERN FIELD
TULLAHOMA, TENNESSEE

APPROVED Chairman, Gerald John Miller

DATE 10-9-08

HEI Project No. 06S8015
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LAYOUT	JLB2	4/07
DRAWN	JLB2	5/13/08
REVIEWED	TSH	5/13/08

HANSON

EXISTING
AIRPORT LAYOUT
DRAWING

2

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