

AIRPORT LAYOUT PLAN

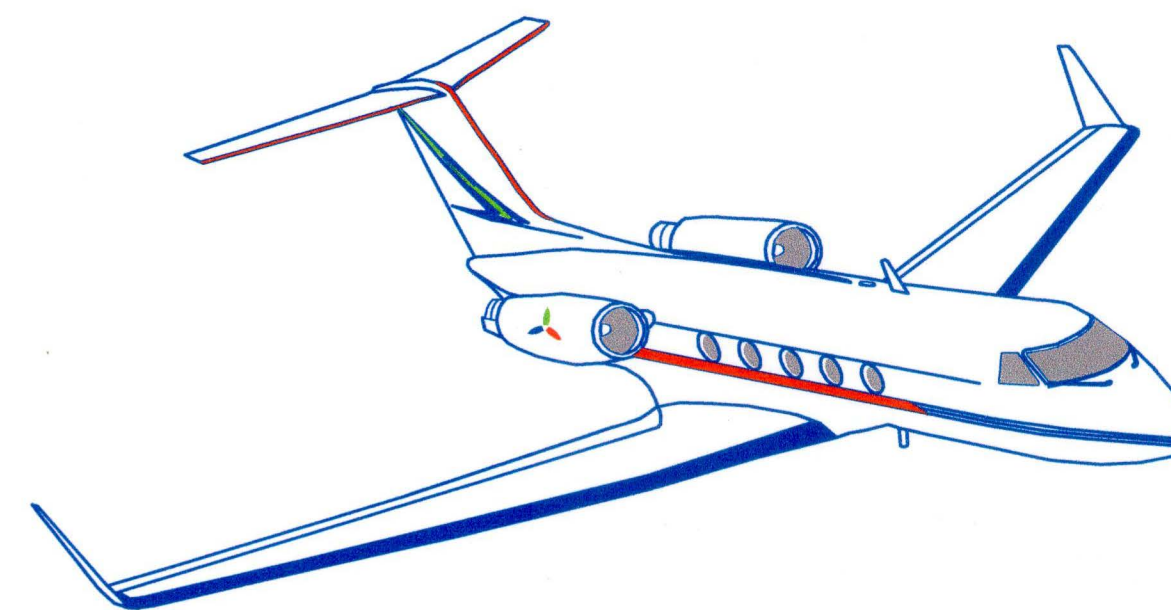
AT THE

McMINN COUNTY AIRPORT

TAD NO. 54-555-0138-04

PREPARED FOR THE

McMINN COUNTY AIRPORT COMMITTEE



STATE OF TENNESSEE

HONORABLE BILL HASLAM, GOVERNOR

DEPARTMENT OF TRANSPORTATION

JOHN SCHROER, COMMISSIONER

TENNESSEE AERONAUTICS DIVISION

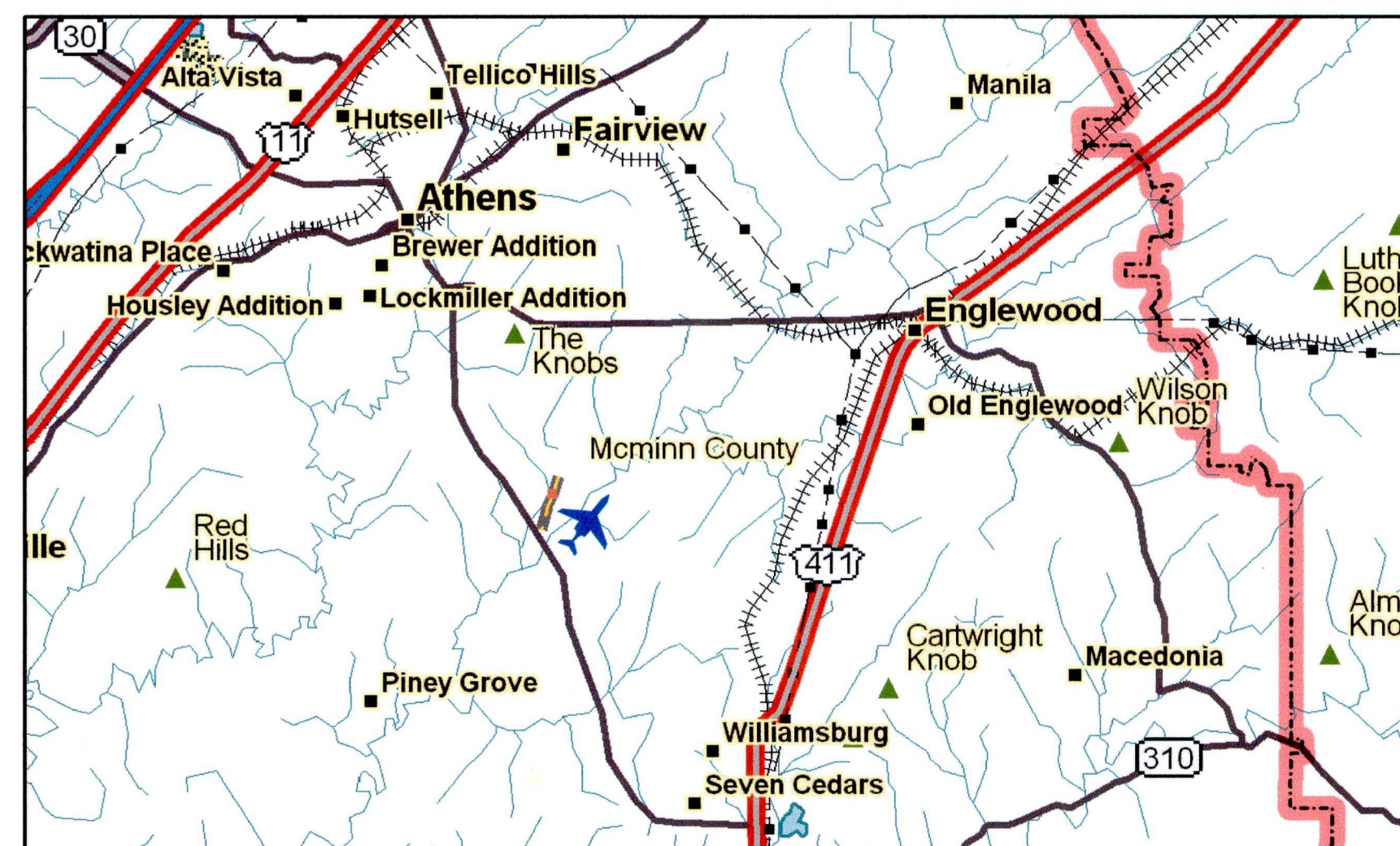
ROBERT V. WOODS, DIRECTOR
TOM BURGESS, P.E., CHIEF ENGINEER
BRIAN CALDWELL, CHIEF PLANNER

McMINN COUNTY

JOHN GENTRY, COUNTY MAYOR

AIRPORT COMMITTEE

DAVID CREWS, CHAIRMAN



SITE LOCATION MAP

195 COUNTY ROAD
ATHENS, TN

INDEX OF DRAWINGS

<u>SHEET NO.</u>	<u>TITLE</u>
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C3	OUTER APPROACH SURFACE DRAWING
C4	TERMINAL AREA PLAN
C5	AIRSPACE DRAWING
C6	PROPERTY MAP
C7	LAND USE MAP



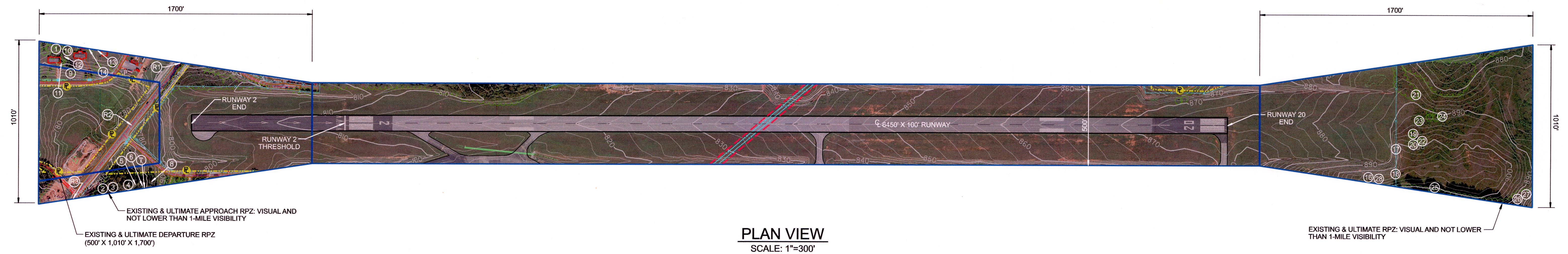
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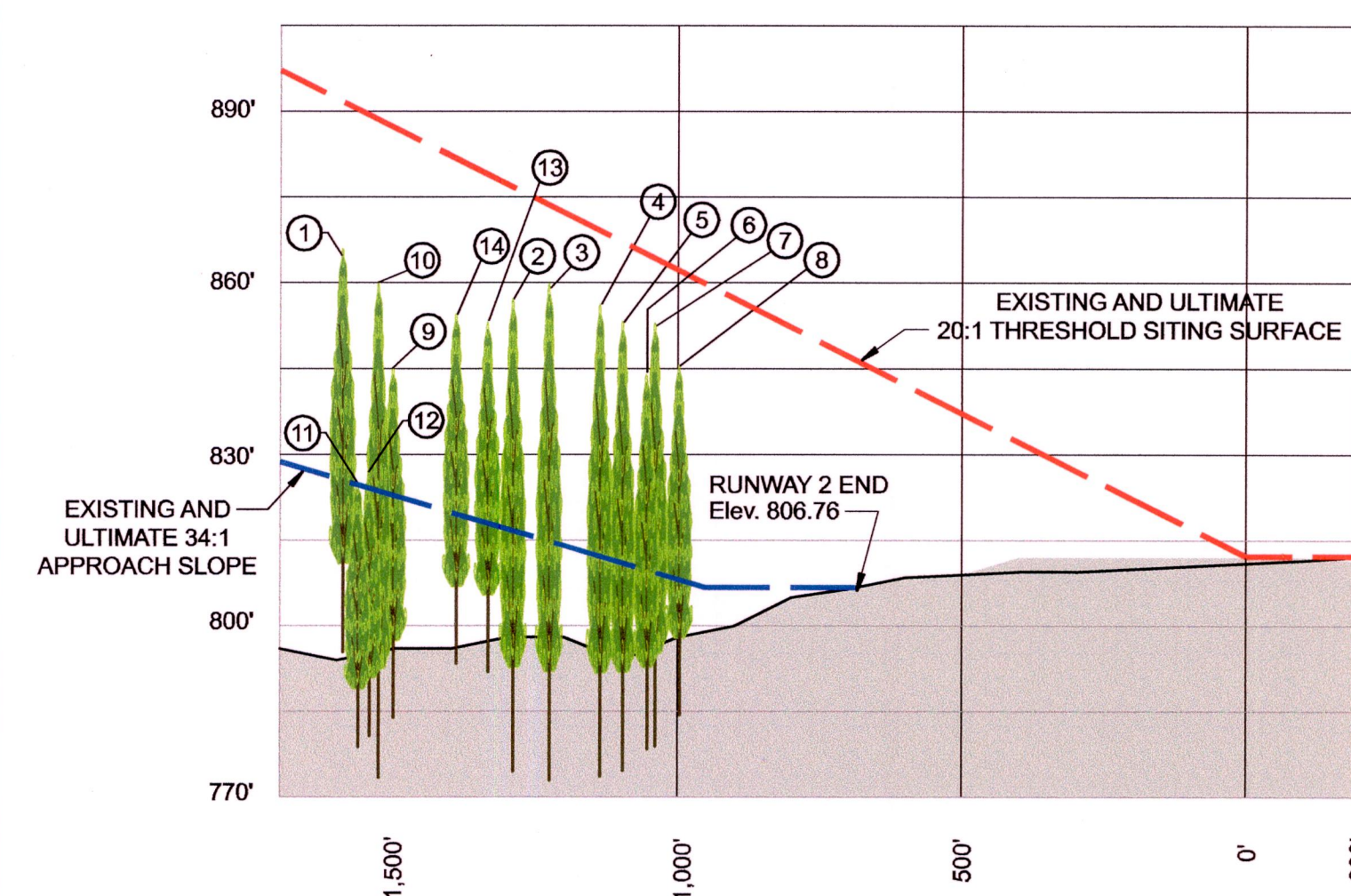
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MARCH 2012

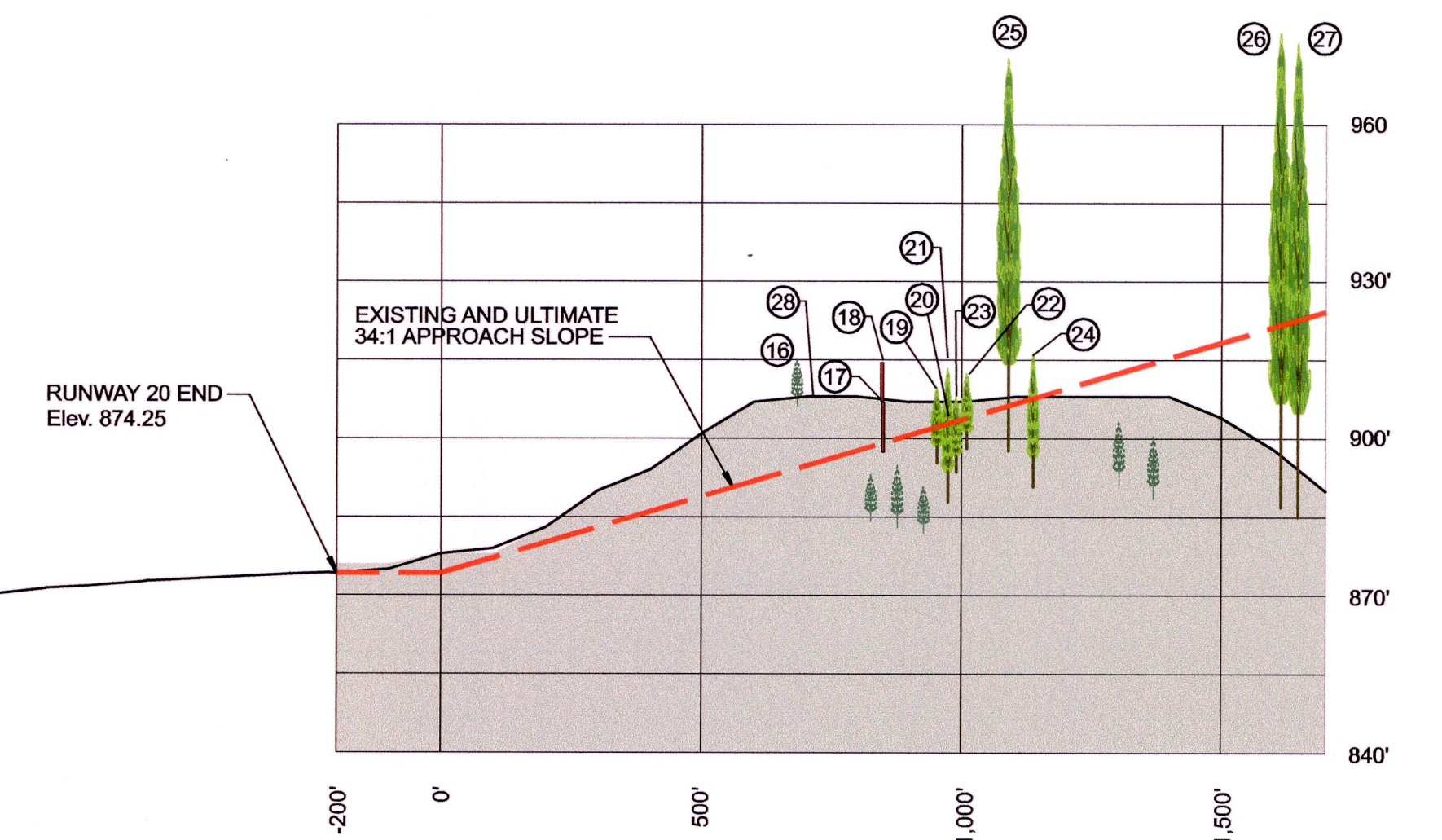
PDC JOB NUMBER : 10903-01



PLAN VIEW
SCALE: 1"=300'



PROFILE VIEW
SCALE: 1"=300' HORIZONTAL
1"=30' VERTICAL



OBSTRUCTION				
PART 77 SURFACE: NPI APPROACH				
PART 77 SLOPE: EXISTING RW 2 = 34:1, ULTIMATE RW 2 = 34:1				
NO.	DESCRIPTION	TOP ELEVATION	EXISTING & ULTIMATE PENETRATION	PROPOSED ACTION EXISTING & ULTIMATE
1	TREE	862.6	3.6'	TRIM
2	TREE	856.6	6.4'	TRIM
3	TREE	858.0	9.6'	TRIM
4	TREE	856.4	10.8'	TRIM / REMOVE
5	TREE	855.8	11.3'	TRIM / REMOVE
6	TREE	843.9	0.7'	TRIM
7	TREE	852.1	9.3'	TRIM
8	TREE	845.2	3.7'	TRIM
9	TREE	845.0	22.9'	TRIM / REMOVE
10	TREE	860.3	15.2'	TRIM / REMOVE
11	TREE	825.0	1.4'	TRIM
12	TREE	827.7	0.7'	TRIM
13	TREE	853.7	10.0'	TRIM
14	TREE	854.9	8.9'	TRIM
R1	* SEE NOTE 2			
R2	* SEE NOTE 2			
R3	* SEE NOTE 2			

OBSTRUCTION				
PART 77 SURFACE: NPI APPROACH				
PART 77 SLOPE: EXISTING RW 20 = 34:1, ULTIMATE RW 20 = 34:1				
NO.	DESCRIPTION	TOP ELEVATION	EXISTING & ULTIMATE PENETRATION	PROPOSED ACTION EXISTING & ULTIMATE
16	TREE / BRUSH	914.3	20.0'	TRIM / REMOVE
17	FENCE	906.9	7.6'	RELOCATE
18	FENCE	914.5	15.3'	RELOCATE
19	TREE	909.8	7.4'	TRIM
20	TREE	915.3	12.4'	TRIM / REMOVE
21	TREE	903.1	0.2'	TRIM
22	TREE	912.3	8.3'	TRIM
23	TREE	908.6	5.1'	TRIM
24	TREE	911.6	3.8'	TRIM
25	TREE	971.9	65.4'	REMOVE
26	TREE	975.1	53.2'	REMOVE
27	TREE	975.2	52.3'	REMOVE
28	TERRAIN	909.9	14.0'	REMOVE

- NOTES**
- OBSTRUCTIONS TO PRIMARY SURFACE AND 7:1 TRANSITIONAL SURFACE SHOWN ON AIRPORT LAYOUT DRAWING.
 - TRAVERSE WAYS SHOWN ON AIRPORT LAYOUT DRAWING.

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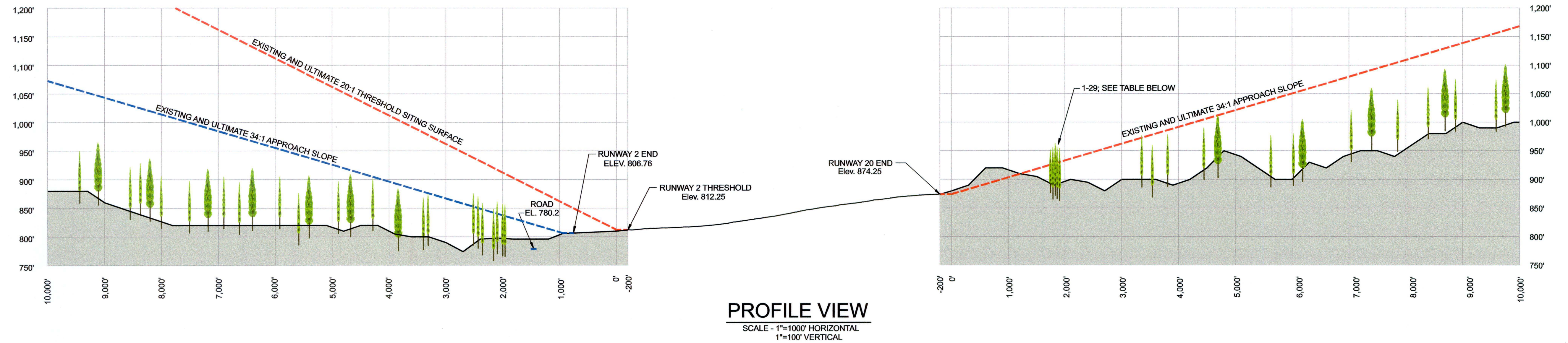
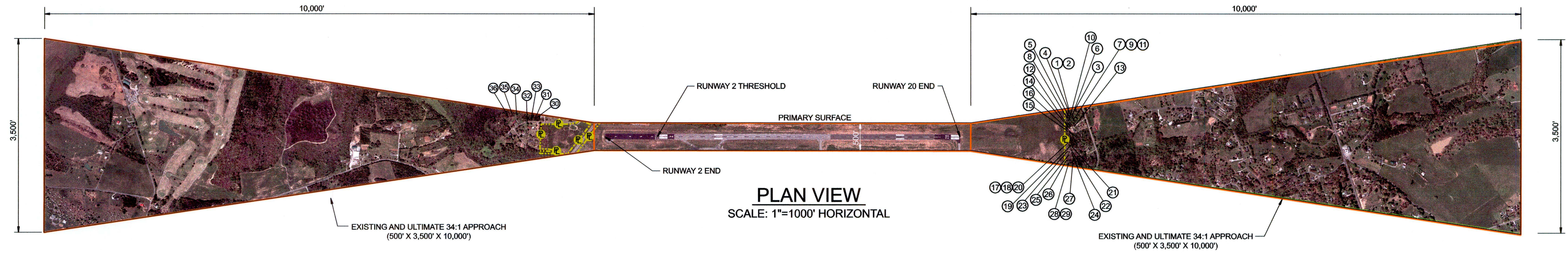
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DR.	CHK.	DATE	DESCRIPTION
ES	MP	JUNE 2011	REVIEW SET
ES	MP	OCTOBER 2011	REVIEW SET
ES	MP	MARCH 2012	FINAL SET

INNER APPROACH SURFACE DRAWING
AIRPORT LAYOUT PLAN SET
McMINN COUNTY AIRPORT
ATHENS, McMINN COUNTY, TENNESSEE
TAD NO. 54-555-0138-04

APPROVAL BLOCK	
JOHN GENTRY, COUNTY MAYOR McMINN COUNTY	DATE

SHEET
C2
PROJECT NO:
10903-01



OBSTRUCTION				
PART 77 SURFACE: NPI APPROACH				
PART 77 SLOPE: EXISTING RW 20 = 34:1 ULTIMATE RW 20 = 34:1				
NO.	DESCRIPTION	TOP ELEVATION	EXISTING & ULTIMATE PENETRATION	PROPOSED ACTION
1	TREE	926.9	0.6'	TRIM
2	TREE	926.9	0.2'	TRIM
3	TREE	947.3	18.0'	TRIM / REMOVE
4	TREE	939.0	11.8'	TRIM / REMOVE
5	TREE	937.4	10.9'	TRIM / REMOVE
6	TREE	962.2	24.1'	TRIM / REMOVE
7	TREE	945.0	9.9'	TRIM
8	TREE	940.0	14.1'	TRIM / REMOVE
9	TREE	934.6	5.1'	TRIM
10	TREE	932.4	5.6'	TRIM
11	TREE	945.2	16.9'	TRIM / REMOVE
12	TREE	946.6	20.9'	TRIM / REMOVE
13	TREE	931.8	2.2'	TRIM
14	TREE	929.1	1.8'	TRIM
15	TREE	942.4	14.4'	TRIM / REMOVE
16	TREE	930.7	1.2'	TRIM
17	TREE	942.0	16.3'	TRIM / REMOVE
18	TREE	931.3	4.6'	TRIM
19	TREE	932.2	3.8'	TRIM

OBSTRUCTION				
PART 77 SURFACE: NPI APPROACH				
PART 77 SLOPE: EXISTING RW 20 = 34:1 ULTIMATE RW 20 = 34:1				
NO.	DESCRIPTION	TOP ELEVATION	EXISTING & ULTIMATE PENETRATION	PROPOSED ACTION
20	TREE	937.5	11.1'	TRIM / REMOVE
21	TREE	945.6	17.2'	TRIM / REMOVE
22	TREE	937.0	9.0'	TRIM
23	TREE	940.4	14.4'	TRIM / REMOVE
24	TREE	962.8	24.5'	TRIM / REMOVE
25	TREE	953.9	27.3'	TRIM / REMOVE
26	TREE	932.7	7.1'	TRIM
27	TREE	937.2	8.1'	TRIM
28	TREE	936.6	9.3'	TRIM
29	TREE	940.2	14.0'	TRIM / REMOVE
30	TREE	856.1	18.2'	TRIM / REMOVE
31	TREE	856.6	18.7'	TRIM / REMOVE
32	TREE	849.0	6.9'	TRIM
33	TREE	860.5	18.4'	TRIM / REMOVE
34	TREE	868.9	21.0'	TRIM / REMOVE
35	TREE	870.8	21.4'	TRIM / REMOVE
36	TREE	876.3	25.0'	TRIM / REMOVE

NOTE

- SEE ALD AND INNER APPROACH PLAN FOR MORE DETAIL OF OBSTRUCTIONS WITHIN PRIMARY SURFACE, 7:1 TRANSITIONAL SURFACE AND INNER APPROACH SURFACE.
- REFER TO AIRSPACE DRAWING FOR OBSTRUCTIONS WITHIN HORIZONTAL AND CONICAL SURFACES.



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OUTER APPROACH SURFACE DRAWING

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ATHENS, McMINN COUNTY, TENNESSEE
TAD NO. 54-555-0138-04

APPROVAL BLOCK

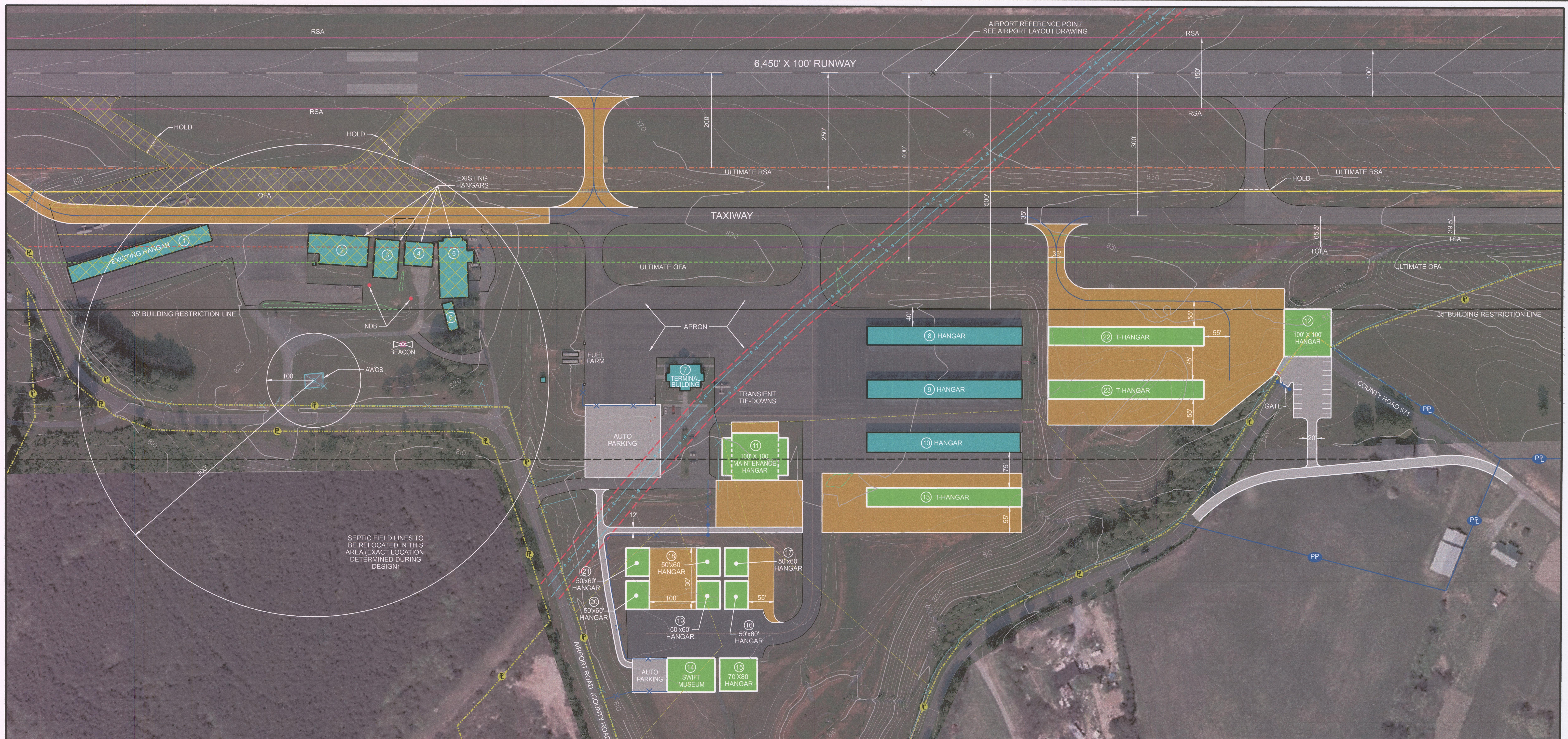
JOHN GENTRY, COUNTY MAYOR
McMINN COUNTY

DATE

SHEET

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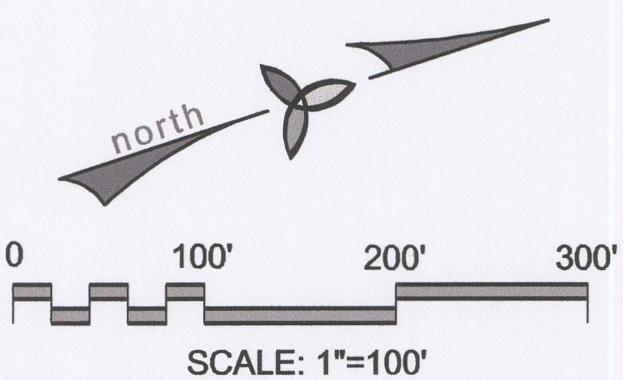
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FACILITIES					
EXISTING				ULTIMATE	
#	FACILITY NAME	TOP ELEVATION	PENETRATION	PROPOSED ACTION	# FACILITY NAME TOP ELEVATION
1	T-HANGAR	834.9	6"	REMOVE	11 MAINT. HANGAR 848
2	MAINT. HANGAR	852.5	17.7"	REMOVE	12 CORP. HANGAR 852
3	CORP. HANGAR	840.9	8"	REMOVE	13 T-HANGAR 837
4	SWIFT MUSEUM	841.1	8"	REMOVE	14 SWIFT MUSEUM 837
5	SWIFT MUSEUM	841.2	9"	REMOVE	15 CORP. HANGAR 837
6	STORAGE SHED	841.6	NONE	REMOVE	16 CORP. HANGAR 835
7	TERMINAL BLDG.	860.4	NONE	NONE	17 CORP. HANGAR 835
8	T-HANGARS	836.0	NONE	NONE	18 CORP. HANGAR 835
9	T-HANGARS	836.1	NONE	NONE	19 CORP. HANGAR 835
10	T-HANGARS	837.2	NONE	NONE	20 CORP. HANGAR 835
					21 CORP. HANGAR 835
					22 T-HANGAR 844
					23 T-HANGAR 844

LEGEND		
DESCRIPTION	EXISTING	ULTIMATE
RUNWAY CENTERLINE		
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)		
AIRPORT PAVEMENT		
AIRPORT BUILDINGS		
OTHER BUILDINGS		
AIRPORT PROPERTY LINE		
FENCE		
ROADS		
GROUND ELEVATIONS CONTOURS (2-FOOT)	1025	1025
BUILDINGS & PAVEMENT TO BE REMOVED		
UNDERGROUND GAS LINES / EASEMENT		
AIRPORT REFERENCE POINT		
AWOS		
BEACON		

- NOTES**
1. ULTIMATE BUILDING ELEVATIONS ARE ESTIMATES ONLY.
 2. FINAL CONFIGURATION OF TERMINAL AREA MAY DIFFER.
 3. ULTIMATE / FUTURE FACILITIES ARE BELOW FAR PART 77 SURFACES.



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TERMINAL AREA PLAN
AIRPORT LAYOUT PLAN SET
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 ATHENS, McMINN COUNTY, TENNESSEE
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JOHN GENTRY, COUNTY MAYOR
 McMINN COUNTY

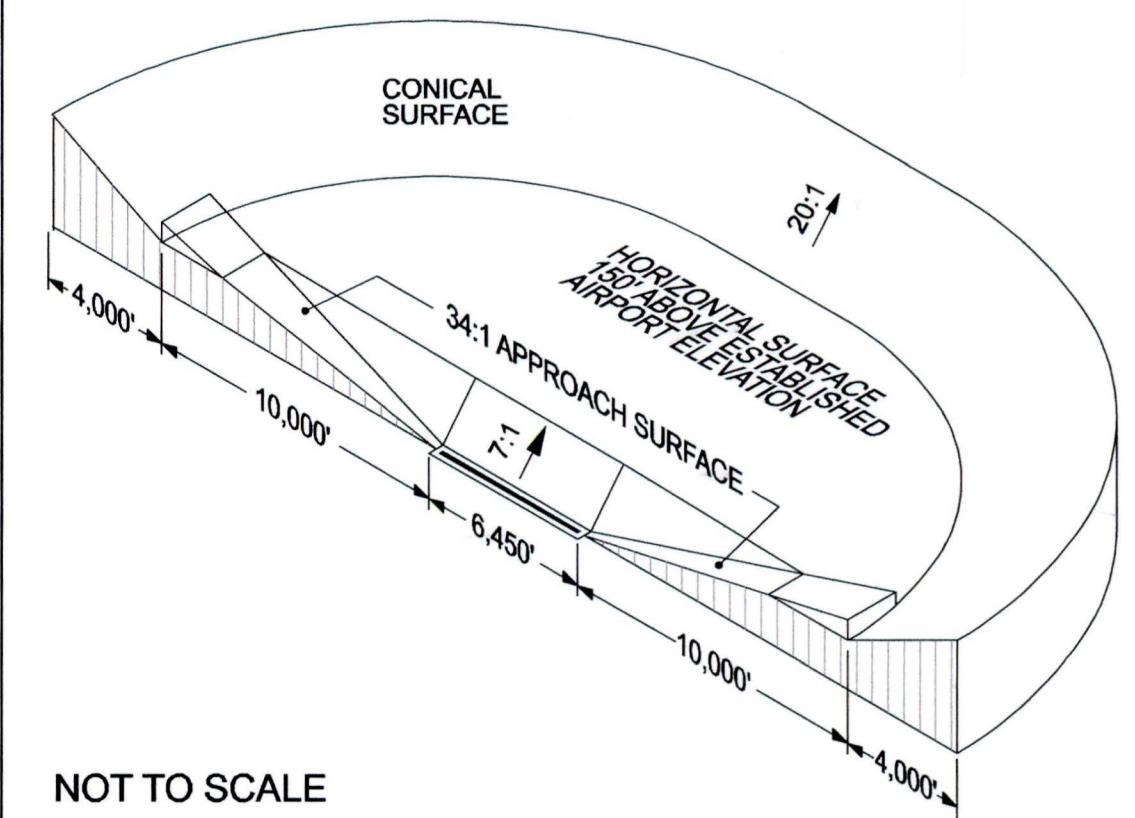
DATE

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C4

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ISOMETRIC VIEW



NOT TO SCALE

LEGEND

DESCRIPTION	ULTIMATE
APPROACH SURFACE	—
APPROACH SURFACE ABOVE HORIZONTAL	---
TRANSITIONAL SURFACE	---
PRIMARY SURFACE	---
TREE OBSTRUCTION*	■
TERRAIN OBSTRUCTION	■
TOWER	●

* ASSUMES 100 FT. TREE

OBSTRUCTION

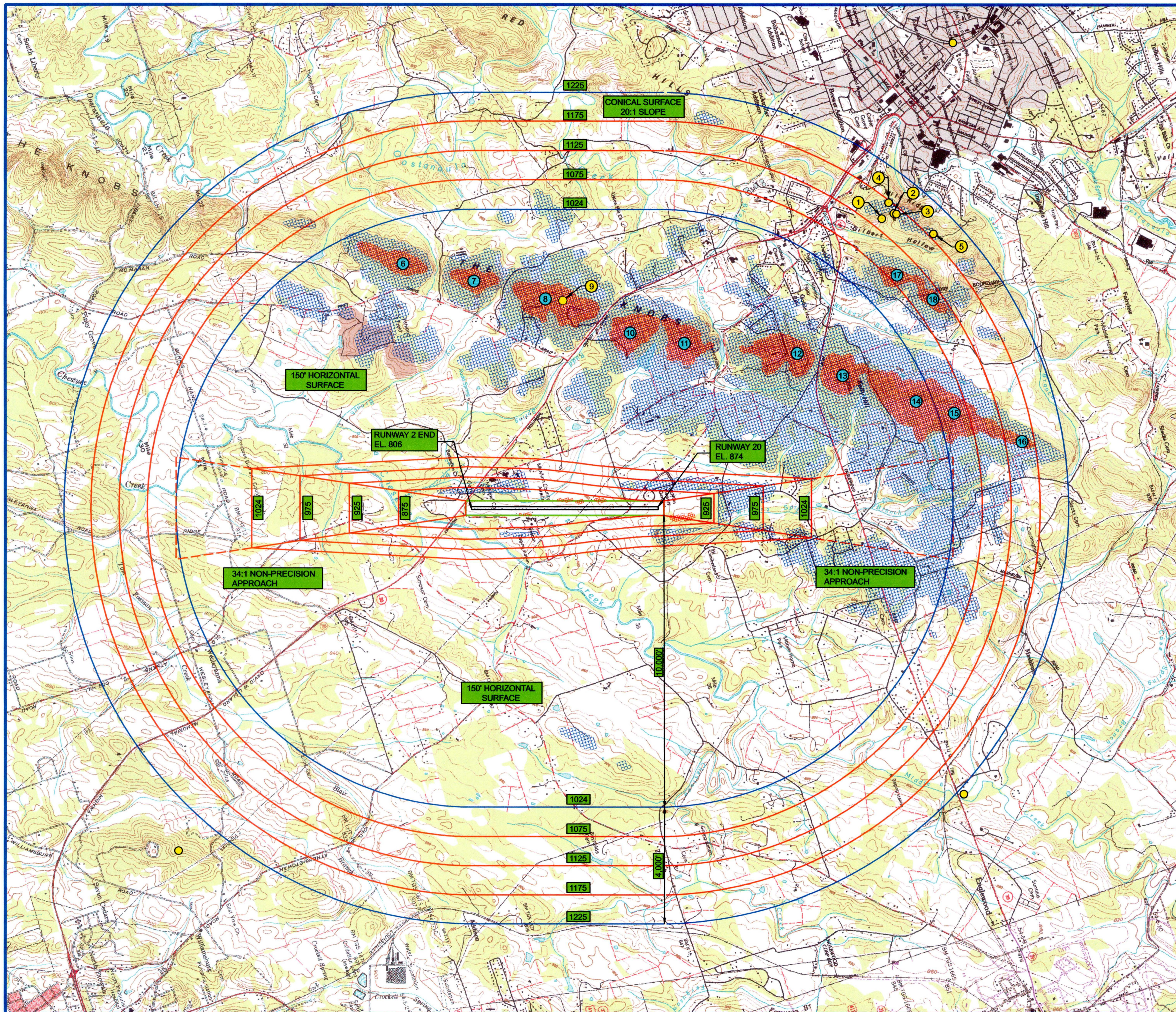
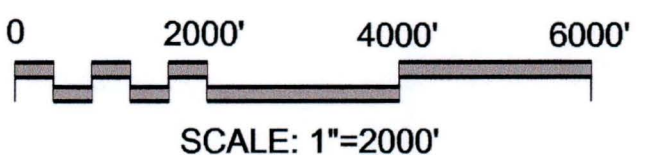
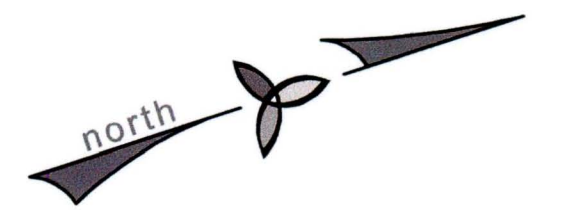
PART 77 SURFACE: CONICAL SURFACE				
PART 77 SLOPE: 20:1				
#	DESCRIPTION	TOP ELEVATION	PENETRATION	PROPOSED ACTION
1	TOWER	1280	118'	LIGHT
2	TOWER	1310	147'	LIGHT
3	TOWER	1236	72'	LIGHT
4	TOWER	1300	129'	LIGHT
5	TOWER	1287	115'	LIGHT
15	TERRAIN	1150	109'	LIGHT
16	TERRAIN	1185	20'	LIGHT
17	TERRAIN	1146	60'	LIGHT
18	TERRAIN	1170	64'	LIGHT

OBSTRUCTION

PART 77 SURFACE: HORIZONTAL				
PART 77 SLOPE: 0%				
#	DESCRIPTION	TOP ELEVATION	PENETRATION	PROPOSED ACTION
6	TERRAIN	1110	86'	LIGHT
7	TERRAIN	1126	102'	LIGHT
8	TERRAIN	1145	121'	LIGHT
9	TOWER	1215	191'	LIGHT
10	TERRAIN	1153	128'	LIGHT
11	TERRAIN	1150	126'	LIGHT
12	TERRAIN	1145	121'	LIGHT
13	TERRAIN	1148	124'	LIGHT
14	TERRAIN	1165	141'	LIGHT

NOTES

- GRID BASE, U.S.G.S. TOPOGRAPHICAL MAPS, 10' CONTOUR INTERVAL.
- SEE ALP AND APPROACH PLAN FOR OBSTRUCTIONS WITHIN PRIMARY SURFACE, TRANSITIONAL SURFACES AND APPROACH SURFACES.



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C5

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