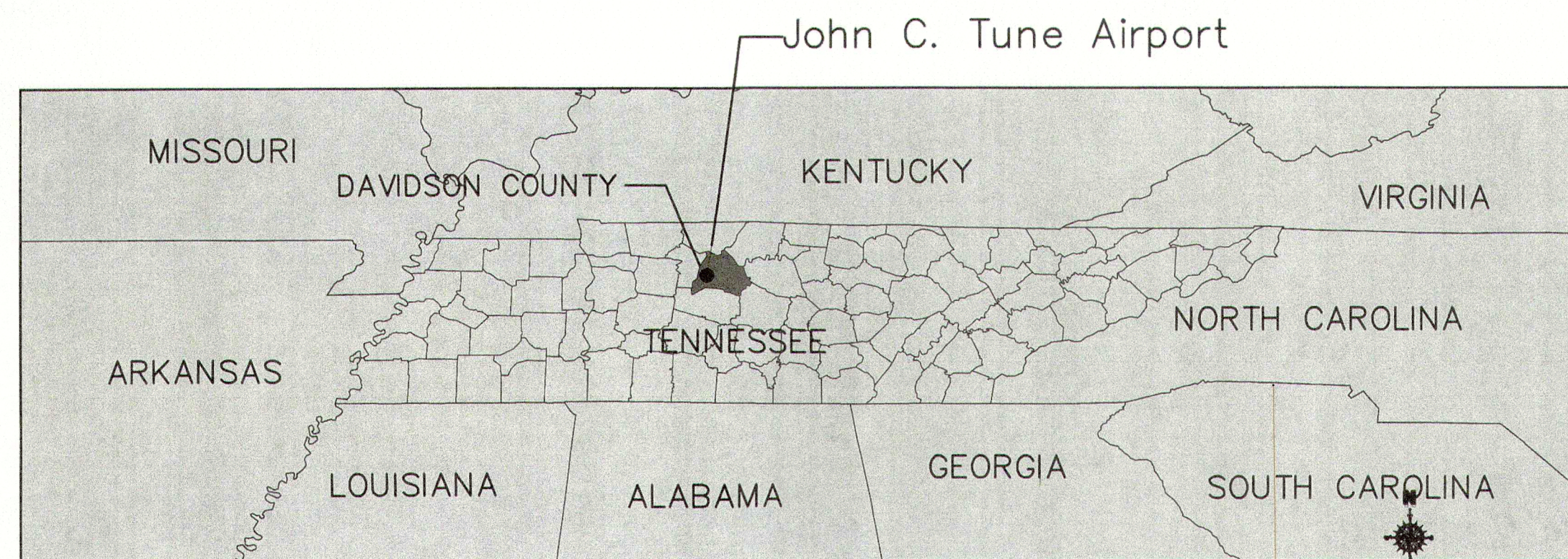


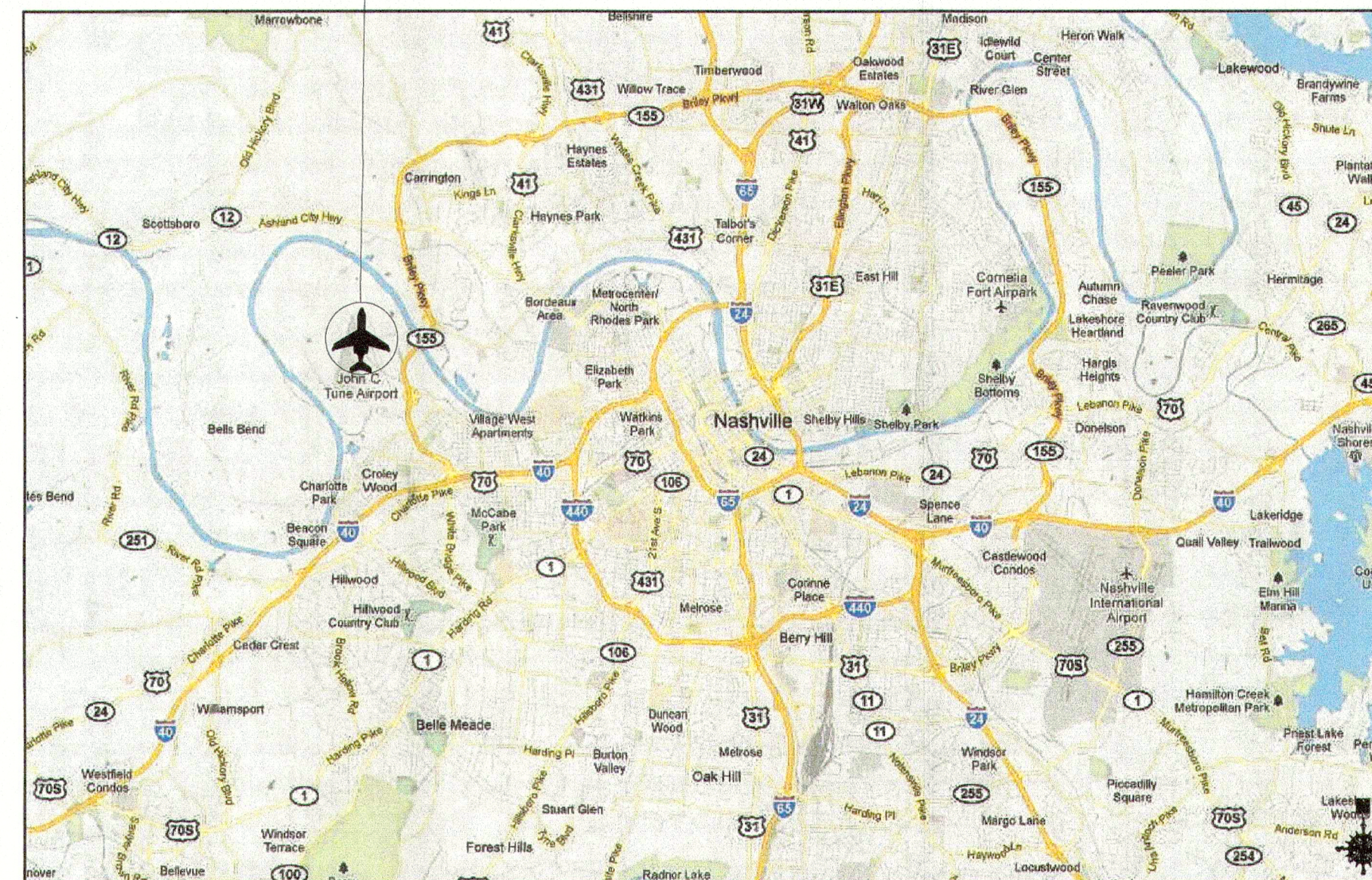
AIRPORT LAYOUT PLAN UPDATE

JOHN C. TUNE AIRPORT Nashville, Tennessee

John C. Tune Airport



LOCATION MAP



VICINITY MAP



Index of Drawings

- 1 – Title Sheet
- 2 – Airport Layout Drawing
- 3 – Terminal Area Plan
- 4 – Inner Portion of the Approach Surface Runway 2–20
- 5 – Part 77 Airspace Surfaces
- 6 – Part 77 Airspace Surfaces Continued
- 7 – Land Use Plan
- 8 – Airport Property Map

REVISIONS

No.	Description	Date

ATKINS
402 BNA Drive
Nashville, TN 37217
www.atkinsglobal.com/northamerica

Tel. (775) 828-1822
Fax (775) 828-1826

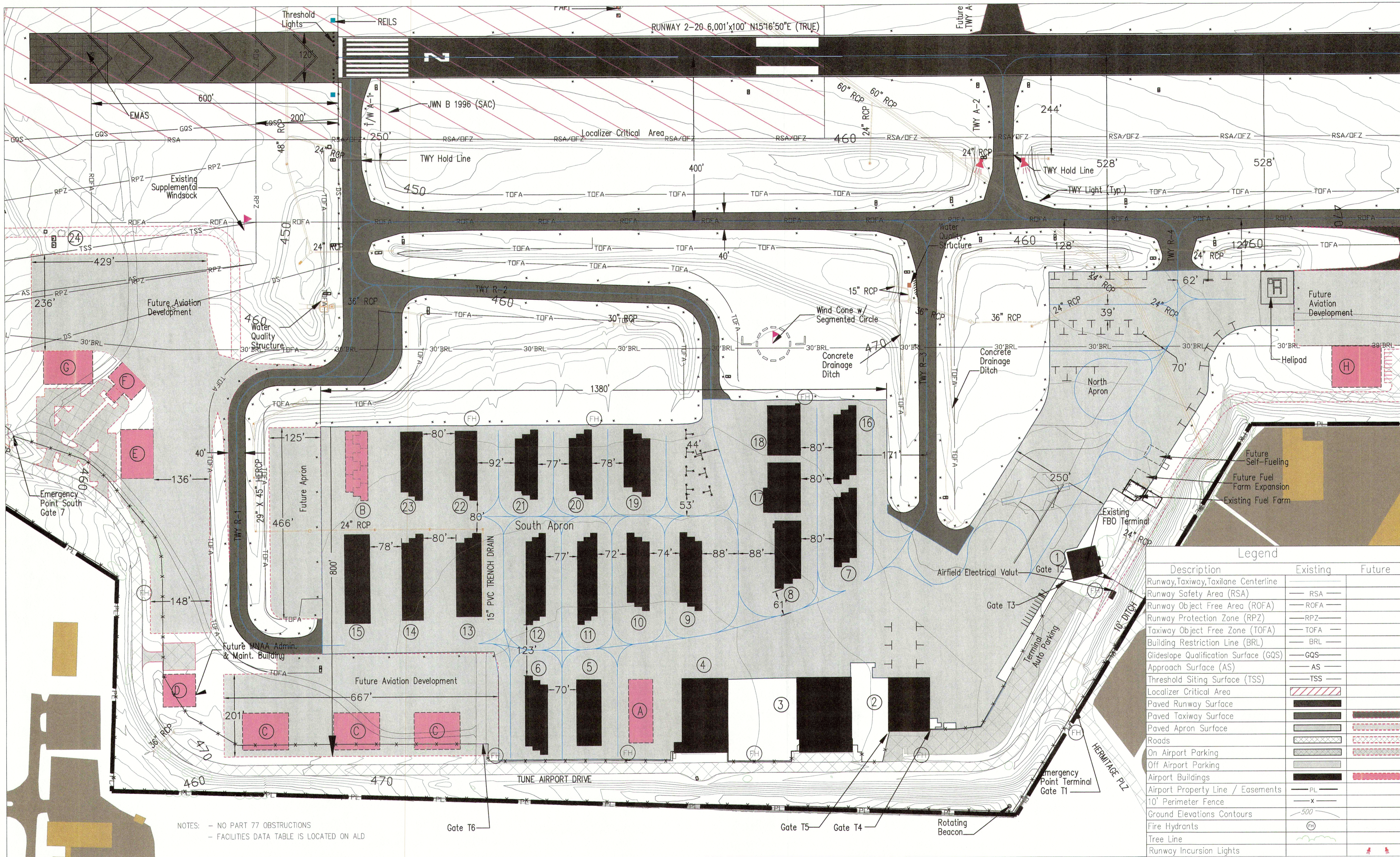


Metropolitan Nashville Airport AuthoritySM

January, 2018

SHEET

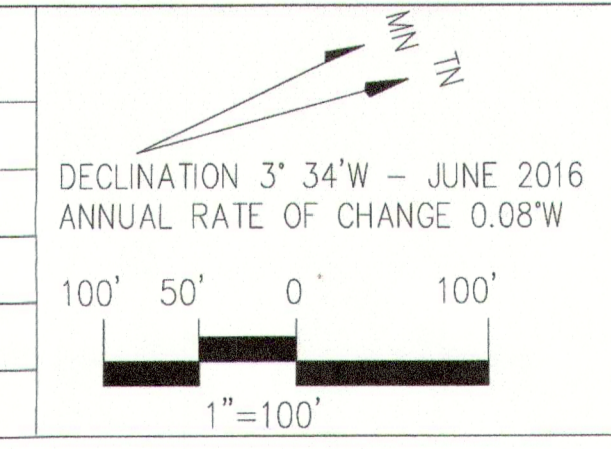
1 OF 8



NOTES: - NO PART 77 OBSTRUCTIONS
 - FACILITIES DATA TABLE IS LOCATED ON ALD

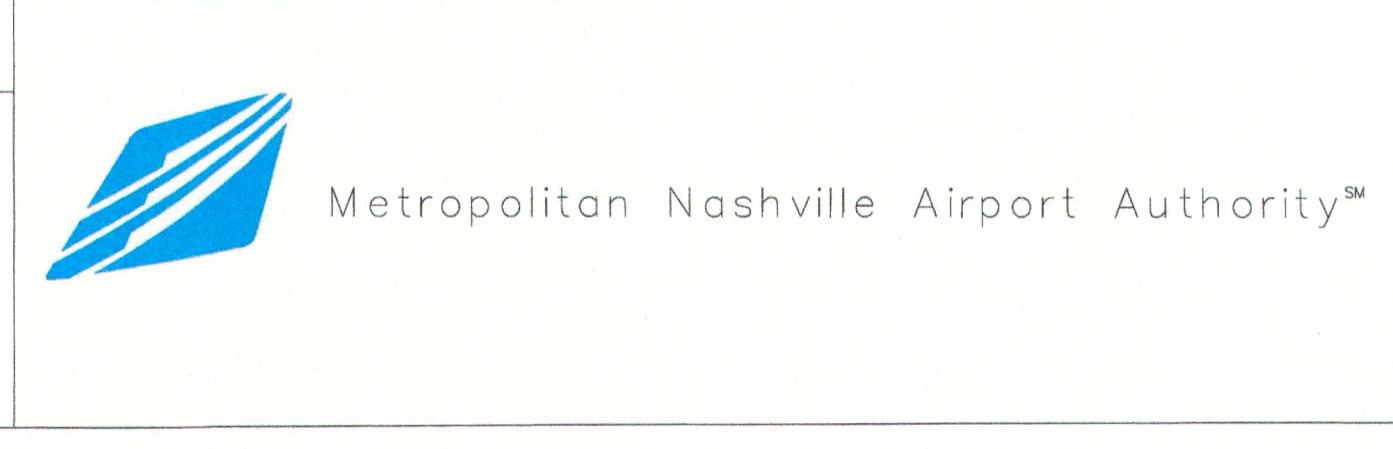
Legend		
Description	Existing	Future
Runway, Taxiway, Taxiway Centerline	— RSA —	— RSA —
Runway Safety Area (RSA)	— ROFA —	— ROFA —
Runway Object Free Area (ROFA)	— RPZ —	— RPZ —
Runway Protection Zone (RPZ)	— TOFA —	— TOFA —
Taxiway Object Free Zone (TOFA)	— BRL —	— BRL —
Building Restriction Line (BRL)	— GQS —	— GQS —
Glideslope Qualification Surface (GQS)	— AS —	— AS —
Approach Surface (AS)	— TSS —	— TSS —
Threshold Siting Surface (TSS)	Localizer Critical Area	Localizer Critical Area
Localizer Critical Area	Paved Runway Surface	Paved Runway Surface
Paved Runway Surface	Paved Taxiway Surface	Paved Taxiway Surface
Paved Taxiway Surface	Paved Apron Surface	Paved Apron Surface
Paved Apron Surface	Roads	Roads
Roads	On Airport Parking	On Airport Parking
On Airport Parking	Off Airport Parking	Off Airport Parking
Off Airport Parking	Airport Buildings	Airport Buildings
Airport Buildings	Airport Property Line / Easements	Airport Property Line / Easements
Airport Property Line / Easements	10' Perimeter Fence	10' Perimeter Fence
10' Perimeter Fence	Ground Elevations Contours	Ground Elevations Contours
Ground Elevations Contours	Fire Hydrants	Fire Hydrants
Fire Hydrants	Tree Line	Tree Line
Tree Line	Runway Inursion Lights	Runway Inursion Lights

REVISIONS

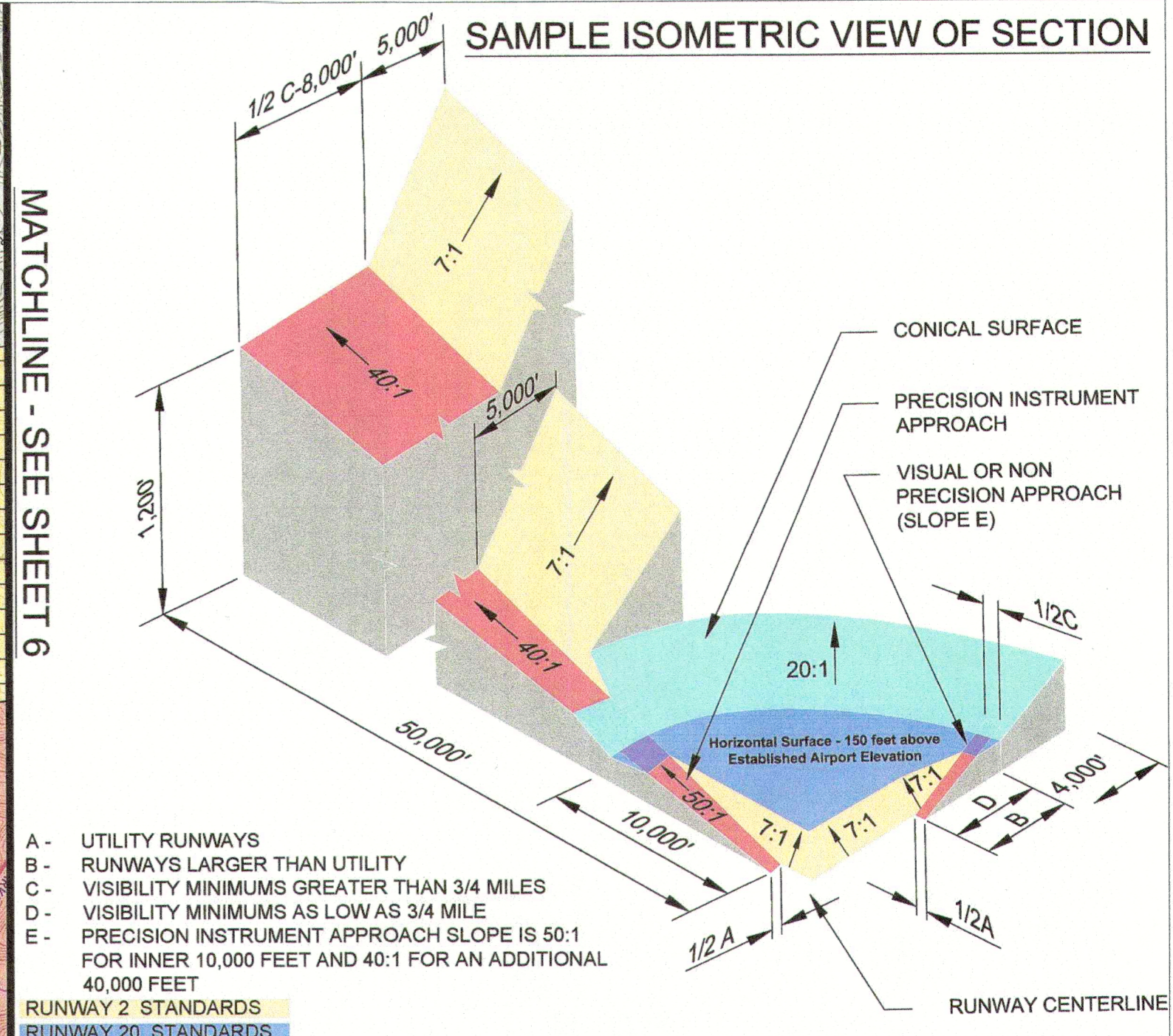
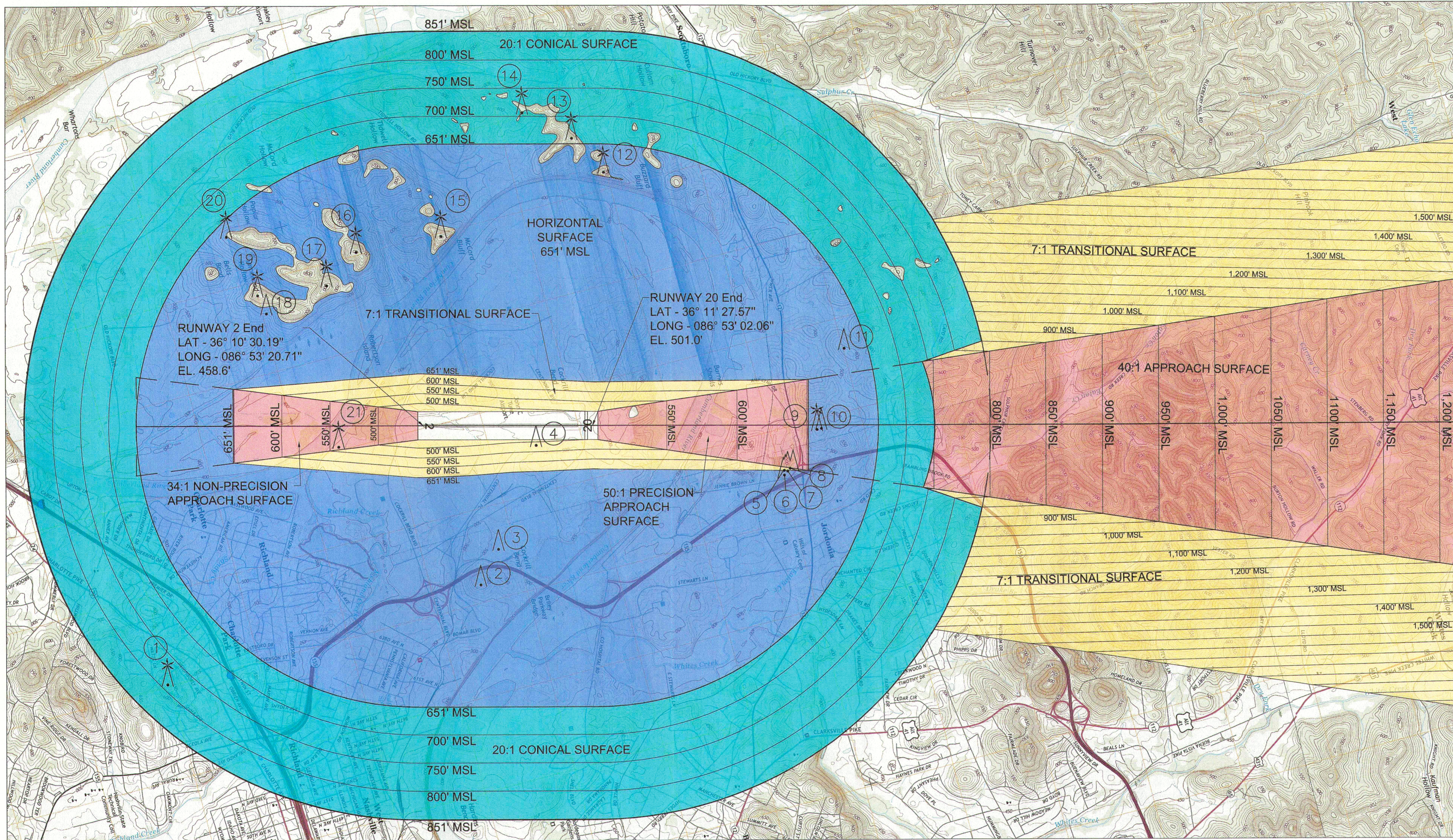


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ALP APPROVAL BLOCK
 METROPOLITAN NASHVILLE AIRPORT AUTHORITY DATE



JOHN C. TUNE AIRPORT
 AIRPORT LAYOUT PLAN UPDATE
 TERMINAL AREA PLAN
 DATE: January, 2018
 SHEET 3 OF 8



A - UTILITY RUNWAYS
 B - RUNWAYS LARGER THAN UTILITY
 C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILES
 D - VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
 E - PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

RUNWAY 2 STANDARDS
RUNWAY 20 STANDARDS

DIM	ITEM	DIMENSIONAL STANDARDS (FEET)				
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY
		A	B	A	C	D
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY
		A	B	A	C	D
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1

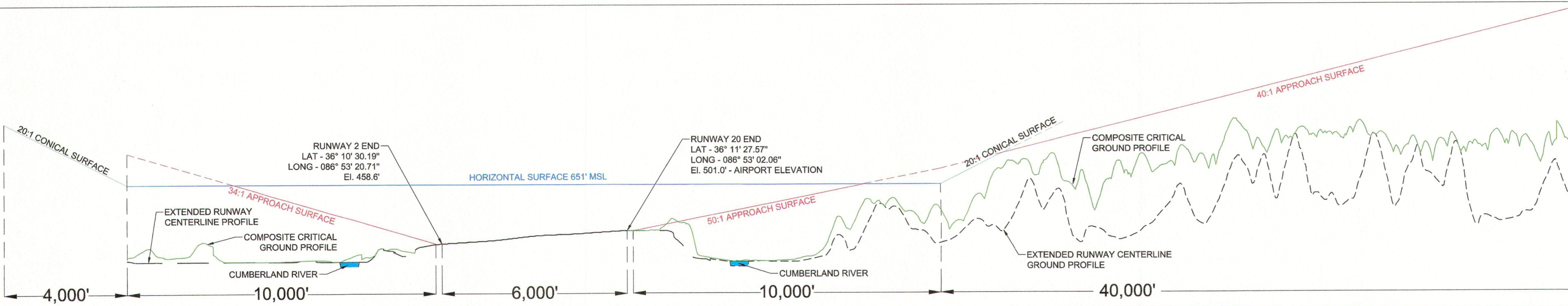
LEGEND

- Obstruction (Below 1,000' AGL)
- Multiple Obstructions
- Multiple Obstructions with High Intensity Lights (May Operate Part-time)

OBSTRUCTION DATA TABLE

OBJECT ID	DESCRIPTION	DATE OF OBSTRUCTION SURVEY	GROUND ELEVATION	ELEVATION (AGL)	ELEVATION (MSL)	SURFACE PENETRATION	SURFACE AFFECTED	LIGHTING & MARKING	PROPOSED DISPOSITION
1	ANTENNA TOWER	6/19/16(DOF)	687	125	812	22.2	CONICAL	MEDIUM INTENSITY WHITE & RED STROBE	NONE - CASE # 1996AS0023620E
2	TOWER	6/19/16(DOF)	579	142	721	70.0	HORIZONTAL	UNLIT & UNMARKED	LIGHT OR REMOVE
3	STACK	6/19/16(DOF)	497	222	719	68.0	HORIZONTAL	UNLIT & UNMARKED	LIGHT OR REMOVE
4	AWOS	6/19/16(DOF)	493	33	526	7.4	TRANSITIONAL	UNLIT & UNMARKED	NONE - NAVIAD
5	TOWER	6/19/16(DOF)	501	163	664	13.0	HORIZONTAL	RED LIGHTS-PAINT	NONE - CASE # 2001AS0037510E
6	TOWER	6/19/16(DOF)	501	163	664	13.0	HORIZONTAL	RED LIGHTS-PAINT	NONE - CASE # 2001AS0037520E
7	TOWER	6/19/16(DOF)	501	163	664	13.0	HORIZONTAL	RED LIGHTS-PAINT	NONE - CASE # 2001AS0037530E
8	TOWER	6/19/16(DOF)	501	163	664	16.7	TRANSITIONAL	RED LIGHTS-PAINT	NONE - CASE # 2001AS0037500E
9	TOWER	6/19/16(DOF)	574	124	698	47.0	HORIZONTAL	MEDIUM INTENSITY WHITE & RED STROBE	NONE - CASE # 2008AS0017070E
10	TOWER	6/19/16(DOF)	582	122	704	53.0	HORIZONTAL	UNLIT & UNMARKED	LIGHT OR REMOVE
11	TL-TOWER	6/19/16(DOF)	612	81	693	42.0	HORIZONTAL	LIGHTING & MARKING UNKNOWN	LIGHT OR REMOVE
12	OBSTRUCTION TOWER	N/A	752	80	832	181.0	HORIZONTAL	LIGHTED	NONE
13	OBSTRUCTION TOWER	N/A	760	80	840	178.9	CONICAL	LIGHTED	NONE
14	TOWER	6/19/16(DOF)	725	310	1035	328.7	CONICAL	MEDIUM INTENSITY WHITE & RED STROBE	NONE - CASE # 2000AS0028340E
15	OBSTRUCTION TOWER	N/A	763	50	813	162.0	HORIZONTAL	LIGHTED	NONE
16	OBSTRUCTION TOWER	N/A	799	100	899	248.0	HORIZONTAL	LIGHTED	NONE
17	OBSTRUCTION TOWER	N/A	808	80	888	237.0	HORIZONTAL	LIGHTED	NONE
18	CANTENARY	6/19/16(DOF)	588	83	671	20.0	HORIZONTAL	LIGHTING & MARKING UNKNOWN	MARK LIGHT OR REMOVE
19	TL-TOWER	6/19/16(DOF)	792	73	865	214.0	HORIZONTAL	RED LIGHTS	NONE - CASE # 2015AS011160E
20	TL-TOWER	6/19/16(DOF)	641	85	726	75.0	HORIZONTAL	RED LIGHTS	NONE - CASE # 2015AS011170E
21	TL-TOWER	6/19/16(DOF)	407	146	553	12.1	APPROACH	RED FLASHING LIGHT	NONE - CASE # 2015AS011120E

HORIZONTAL SURFACE
 CONICAL SURFACE
 TRANSITIONAL SURFACE
 APPROACH SURFACE



REVISIONS

DECLINATION 3° 34'W - JUNE 2016
ANNUAL RATE OF CHANGE 0.08"W

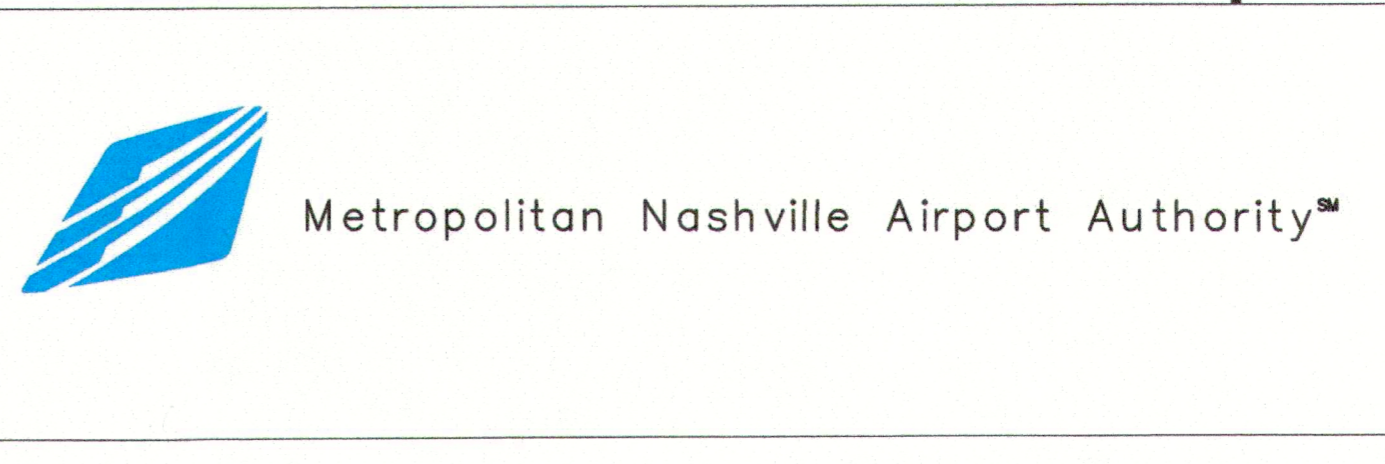
2,000 1,000 0 2,000
1"=2,000'

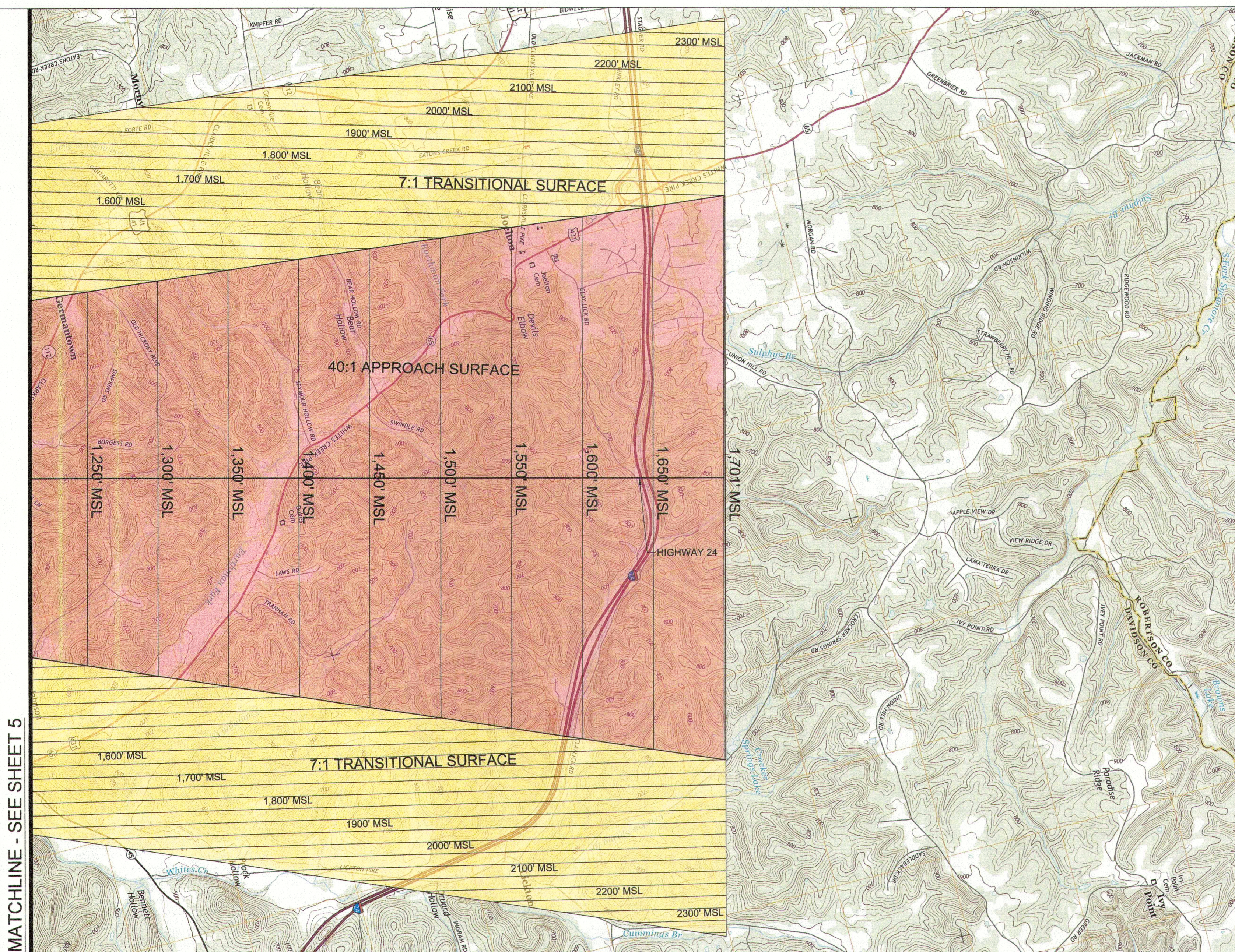
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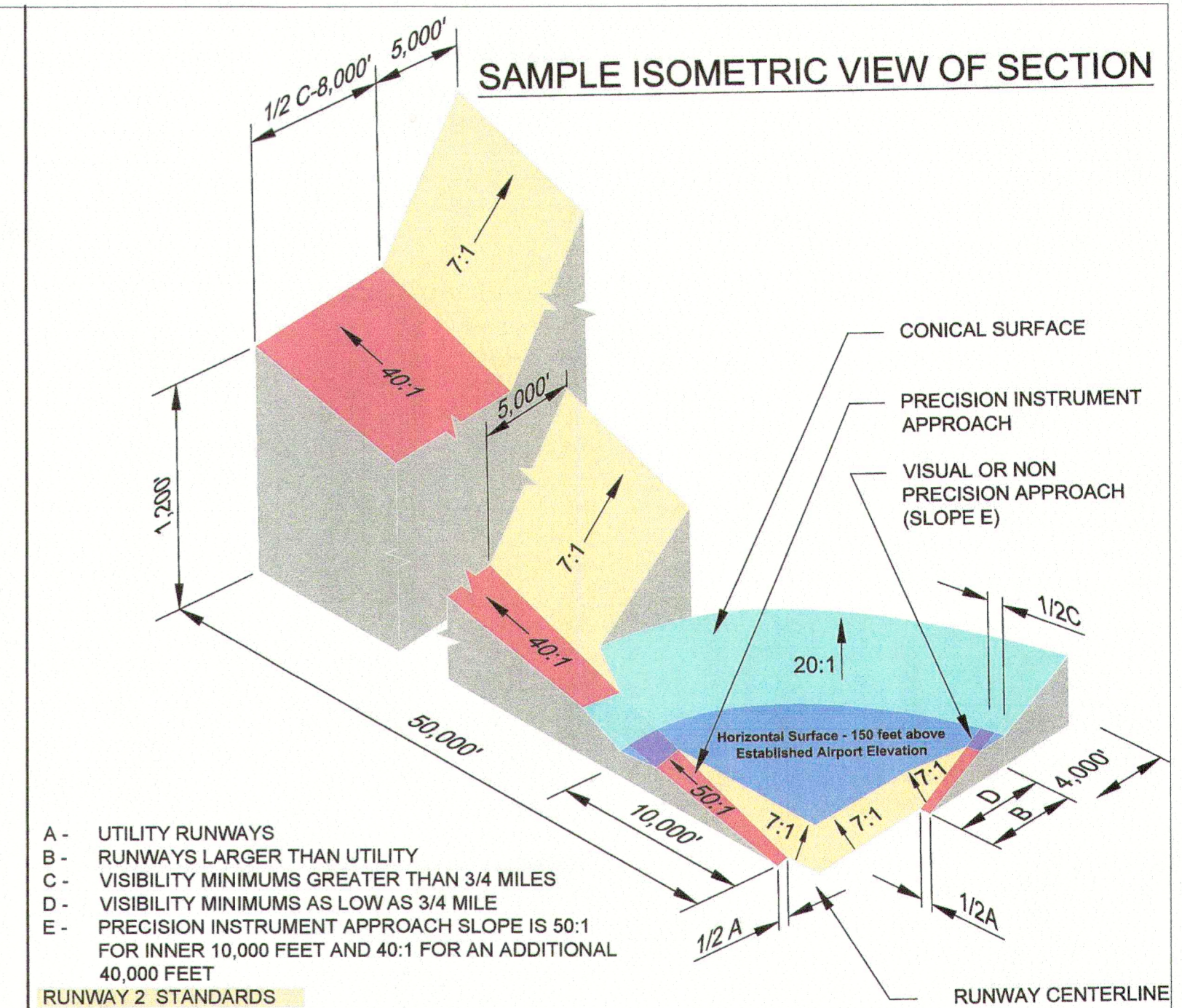
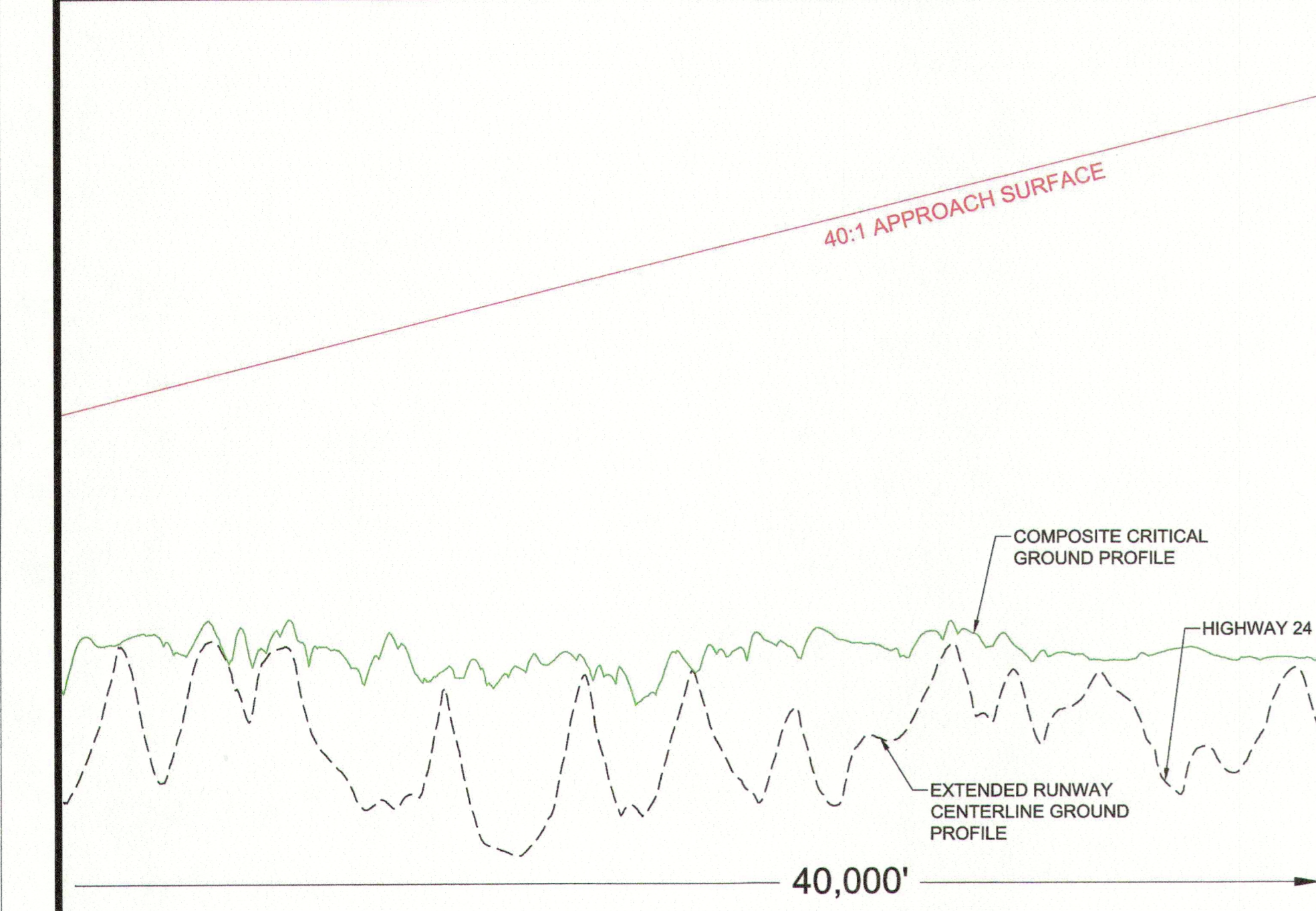
ALP APPROVAL BLOCK

METROPOLITAN NASHVILLE AIRPORT AUTHORITY DATE _____





MATCHLINE - SEE SHEET 5



- A - UTILITY RUNWAYS
 - B - RUNWAYS LARGER THAN UTILITY
 - C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILES
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- RUNWAY 20 STANDARDS**
RUNWAY 20 STANDARDS

DIM	ITEM	DIMENSIONAL STANDARDS (FEET)				
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY
		A	B	A	B	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000
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E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1

- LEGEND**
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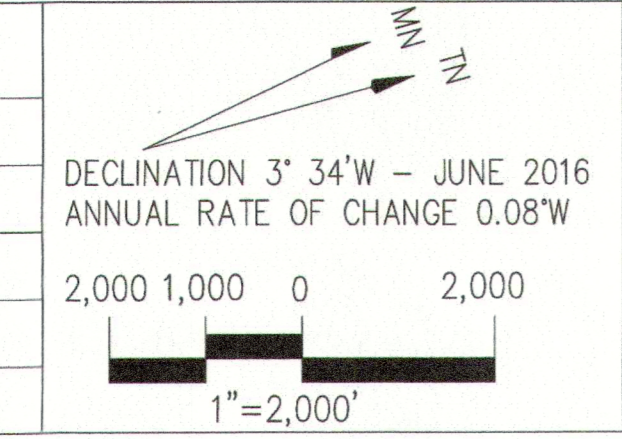
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NOTES

- FEDERAL AVIATION REGULATIONS PART 77, STATES THAT A STRUCTURE IS PRESUMED TO HAVE A SUBSTANTIAL ADVERSE EFFECT UPON THE SAFE AND EFFICIENT USE OF NAVIGABLE AIRSPACE IF ITS HEIGHT EXCEEDS THE FOLLOWING STANDARDS:
- A HEIGHT OF FIVE HUNDRED (500) FEET ABOVE GROUND LEVEL AT THE SITE OF THE OBJECT ANYWHERE IN THE STATE.
 - A HEIGHT THAT IS TWO HUNDRED (200) FEET ABOVE GROUND LEVEL OR ABOVE THE ESTABLISHED AIRPORT ELEVATION, WHICHEVER IS HIGHER, WITHIN THREE (3) NAUTICAL MILES OF THE ESTABLISHED REFERENCED POINT OF A PUBLIC-USE AIRPORT, EXCLUDING HELIPORTS, AND THE HEIGHT INCREASES IN THE PROPORTION OF ONE HUNDRED (100) FEET FOR EACH ADDITIONAL NAUTICAL MILE OF DISTANCE FROM THE AIRPORT UP TO A MAXIMUM OF FIVE HUNDRED (500) FEET.
 - A HEIGHT WITHIN A TERMINAL OBSTACLE CLEARANCE AREA, INCLUDING AN INITIAL APPROACH SEGMENT, A DEPARTURE AREA, AND A CIRCLING APPROACH AREA, AS DEFINED BY FEDERAL LAWS AND REGULATIONS, WHICH WOULD RESULT IN THE VERTICAL DISTANCE BETWEEN ANY POINT ON THE OBJECT AND AN ESTABLISHED MINIMUM INSTRUMENT FLIGHT ALTITUDE WITHIN THAT AREA OR SEGMENT TO BE LESS THAN THE REQUIRED OBSTACLE CLEARANCE.
 - A HEIGHT WITHIN AN EN ROUTE OBSTACLE CLEARANCE AREA, AS DEFINED BY FEDERAL LAWS AND REGULATIONS, INCLUDING TURN AND TERMINATION AREAS, OF A FEDERAL AIRWAY OR APPROVED OFF-AIRWAY ROUTE, THAT WOULD INCREASE THE MINIMUM OBSTACLE CLEARANCE ALTITUDE.
 - THE SURFACE OF A TAKEOFF AND LANDING AREA OF A PUBLIC-USE AIRPORT OR ANY IMAGINARY SURFACE AS ESTABLISHED BY FAR PART 77. HOWEVER, NO PART OF THE TAKEOFF OR LANDING AREA ITSELF WILL BE CONSIDERED TO BE AN OBSTRUCTION.
- NOTE: FAR PART 77 IMAGINARY SURFACES ARE SHOWN ON THIS SHEET FOR THE JOHN C. TUNE AIRPORT. THESE SURFACES ARE DEPICTED BASED UPON EXISTING AND ULTIMATE AIRPORT DEVELOPMENT.
- USGS BASEMAP - 2016

REVISIONS

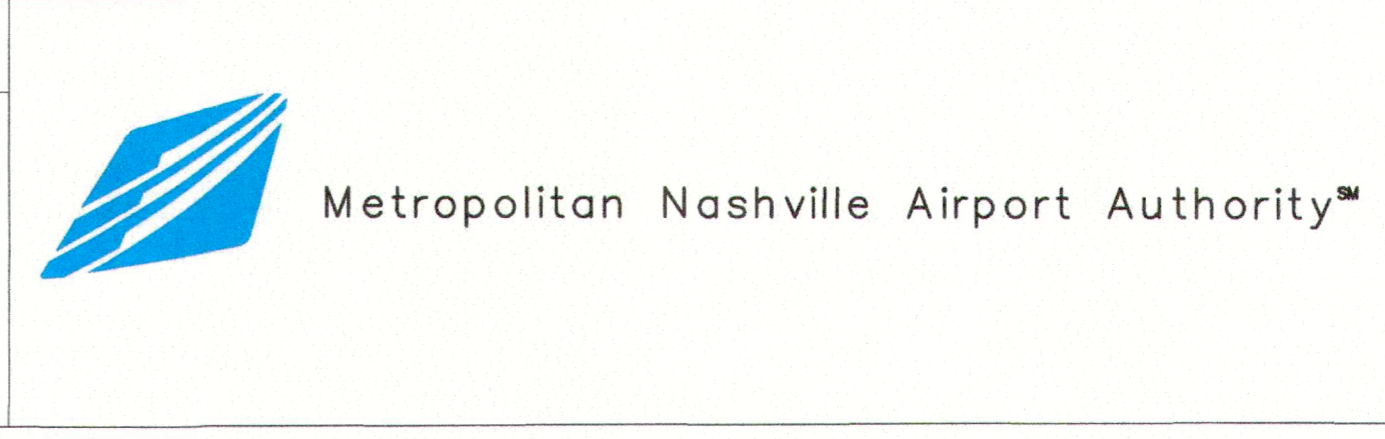


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ALP APPROVAL BLOCK

METROPOLITAN NASHVILLE AIRPORT AUTHORITY DATE _____



JOHN C. TUNE AIRPORT AIRPORT LAYOUT PLAN UPDATE

PART 77 AIRSPACE PLAN (2) SHEET 6 OF 8

DATE: January, 2018