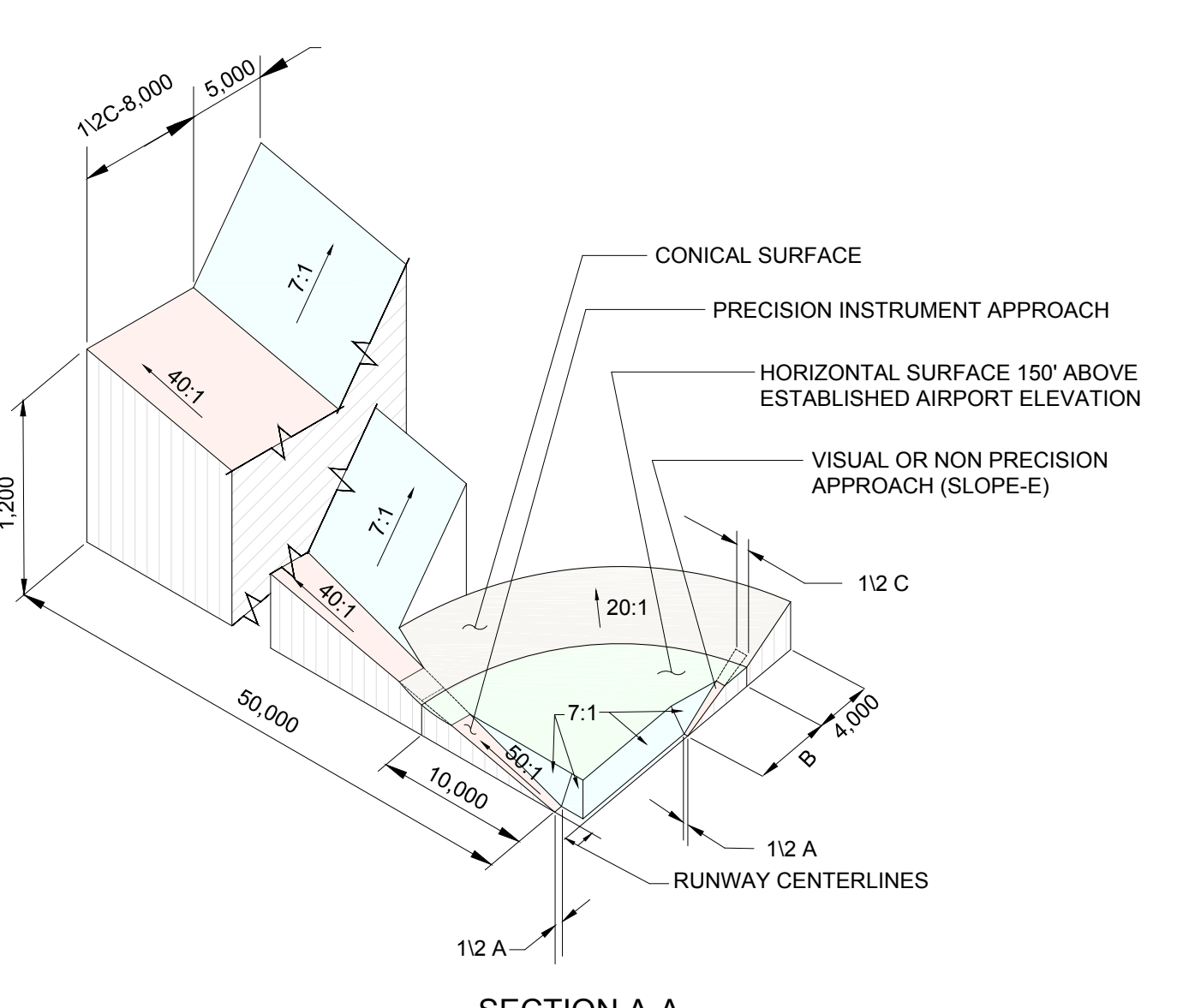
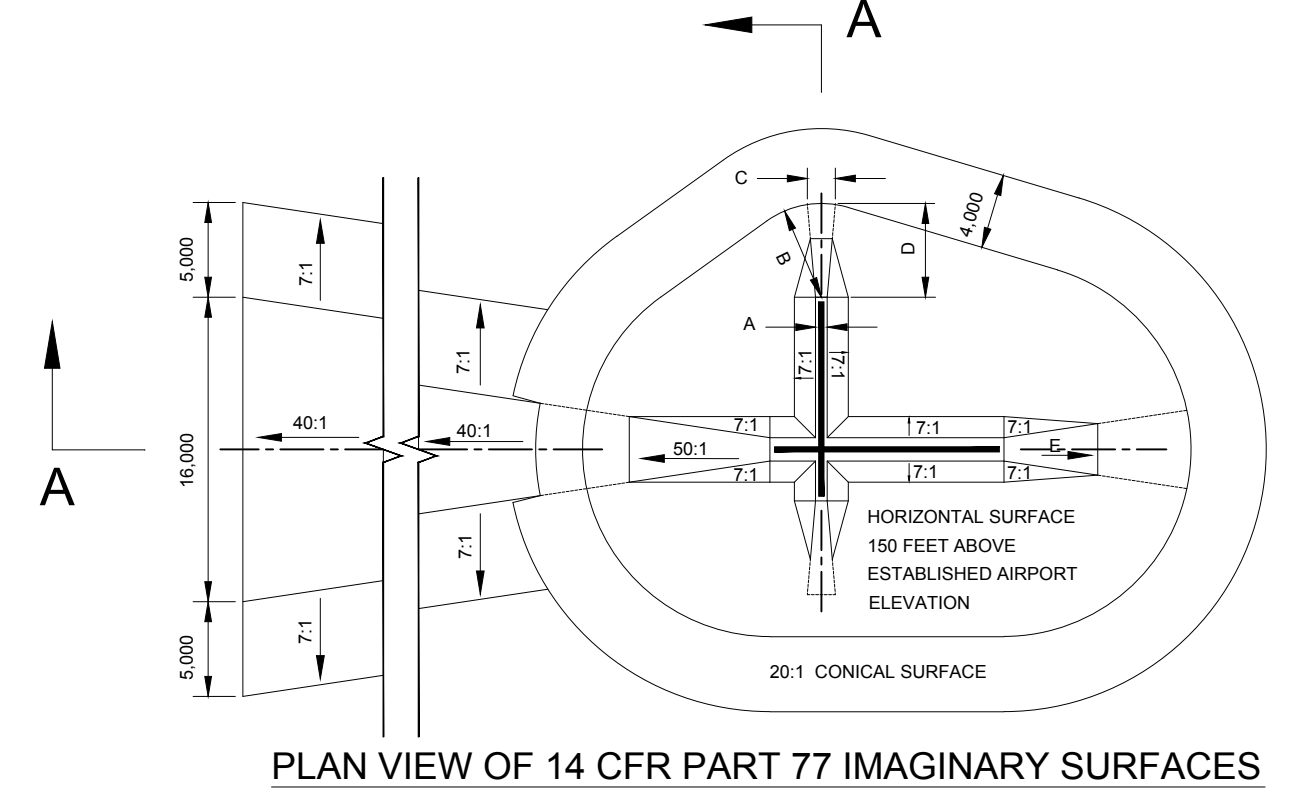


**OBSTRUCTION IDENTIFICATION SURFACES  
14 CODE FEDERAL REGULATIONS (CFR) PART 77**



**14 CFR PART 77 IMAGINARY SURFACE DIMENSIONS**

DIM	ITEM	DIMENSIONAL STANDARDS (FEET)				PRECISION INSTRUMENT RUNWAY
		VISUAL RUNWAY	NON-PRECISION INSTRUMENT RUNWAY	PRECISION INSTRUMENT APPROACH	PRECISION INSTRUMENT RUNWAY	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000
B	WIDTH 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	3,000	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

A. UTILITY RUNWAYS  
 B. RUNWAYS LARGER THAN UTILITY  
 C. VISIBILITY MINIMUMS GREATER THAN 3/4 MILE  
 D. VISIBILITY MINIMUMS AS LOW AS 3/4 MILE  
 E. PRECISION INSTRUMENT APPROACH SLOPE IS 30:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET  
 SOURCE: 14 CFR PART 77 SUBPART C  
<http://www.faa.gov/ATIS/Doc/Doc7.htm>

POINT #	DESCRIPTION	GROUND SURFACE ELEVATION (MSL)	OBJECT ELEVATION (MSL)	ULTIMATE FAR PART 77 SURFACE HEIGHT	PENETRATION	DISPOSITION	CRS #	FAA STUDY #
1	TOWER	729'	989'	979'	20'	OBSTRUCTION LIGHT	17-003384	2004AGL026950E C
2	TOWER	729'	989'	1930'	-946'	OBSTRUCTION LIGHT	17-002885	2007AGL047120E C
3	TOWER	752'	977'	1942'	-463'	OBSTRUCTION LIGHT	17-001973	1990AGL019540E C
4	TOWER	752'	1017'	1582'	-563'	OBSTRUCTION LIGHT	17-002867	2009AGL003400E C

NOTE: POSITIVE VALUES SHOWN IN RED DENOTE PENETRATION, NEGATIVE VALUES (-) DENOTE CLEARANCE.  
 SOURCE: FAA OBSTACLE REPOSITORY SYSTEM (ORS) DIGITAL OBSTACLE FILE DATED JULY 24, 2011

- NOTES:**
- SEE SHEET 4 FOR GENERAL NOTES AND SOURCES.
  - REFER TO SHEETS 7-10, INAUGURAL RUNWAY INNER PORTION OF THE APPROACH DRAWINGS, FOR DETAILS ON ANY CLOSE-IN APPROACH OBSTRUCTIONS.
  - REFER TO LAND USE DRAWINGS FOR DETAILS ON LAND USE.
  - DIGITAL RASTER GRAPHICS FROM UNITED STATES GEOLOGICAL SURVEY (USGS)
  - ELEVATIONS ARE APPROXIMATE FEET ABOVE MEAN SEA LEVEL.
  - HEIGHT RESTRICTIONS ARE GOVERNED BY THE FOLLOWING STATUTES:
    - 620 ILLINOIS COMPILATED STATUTES (ILCS) 25 "AIRPORT ZONING ACT"
    - 620 ILLCS 30 "ZONING TO ELIMINATE AIRPORT HAZARDS ACT"
    - ILLINOIS ADMINISTRATIVE CODE, TITLE 62, CHAPTER I, SUBCHAPTER B, PART 16 "AIRPORT HAZARD ZONING"

**LEGEND**

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING OBSTRUCTION
- INAUGURAL PROPERTY BOUNDARY
- RUNWAY PROTECTION ZONE (RPZ)

NO.	BY	DATE	DESCRIPTION	NO.	BY	DATE	DESCRIPTION
REVISIONS							

DESIGN BY: DK/CA  
 DRAWN BY: LAH/SAU  
 CHECKED BY: EDL  
 APPROVED BY: LTB

South Suburban Airport  
 INAUGURAL AIRPORT  
 AIRSPACE DRAWING

SCALE:  
 1"=2500'  
 DATE: 9-27-2012  
 JOB NO.  
 60181525.M2.2

SHEET NO.  
**6**

**DRAFT**