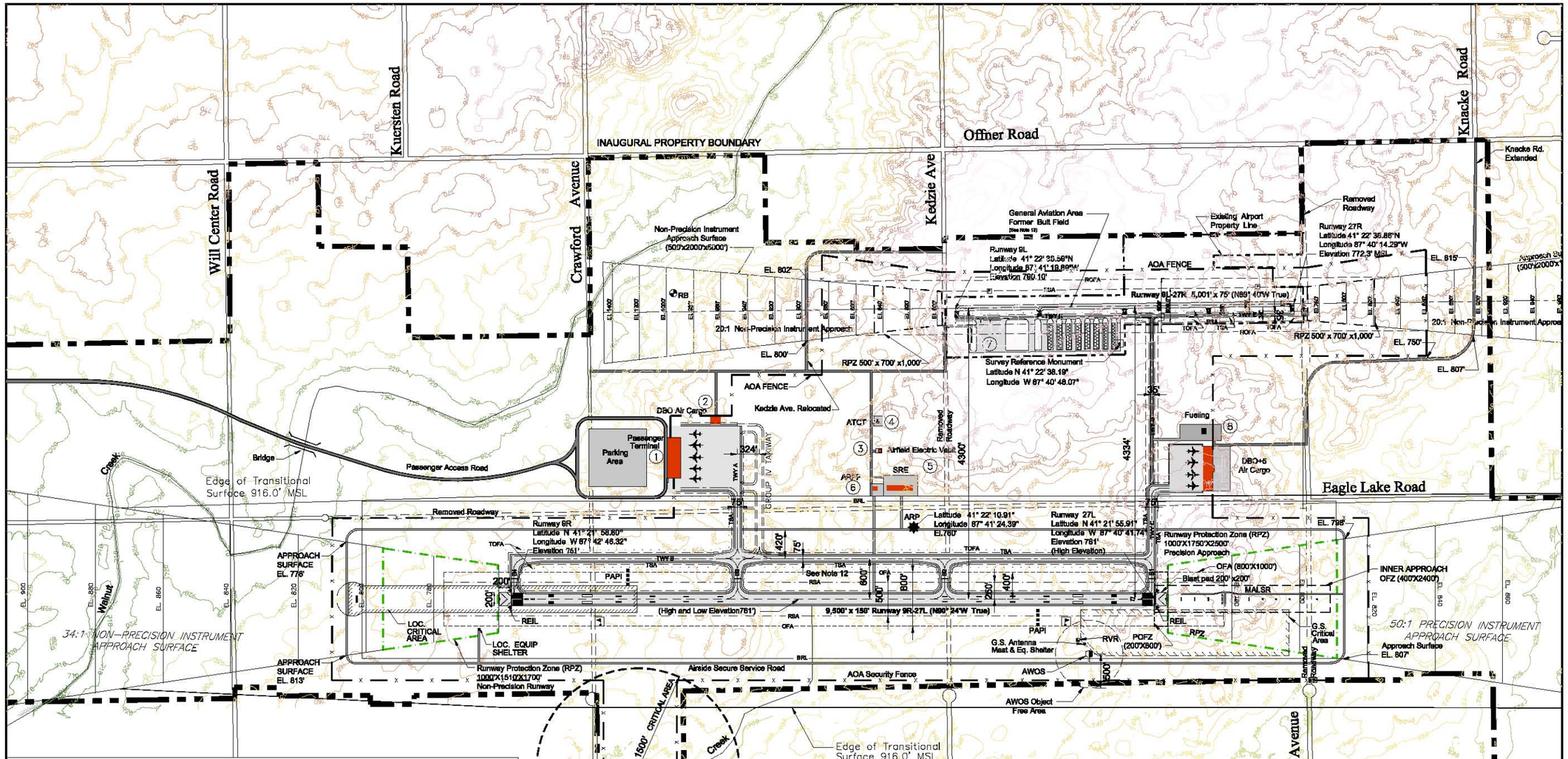

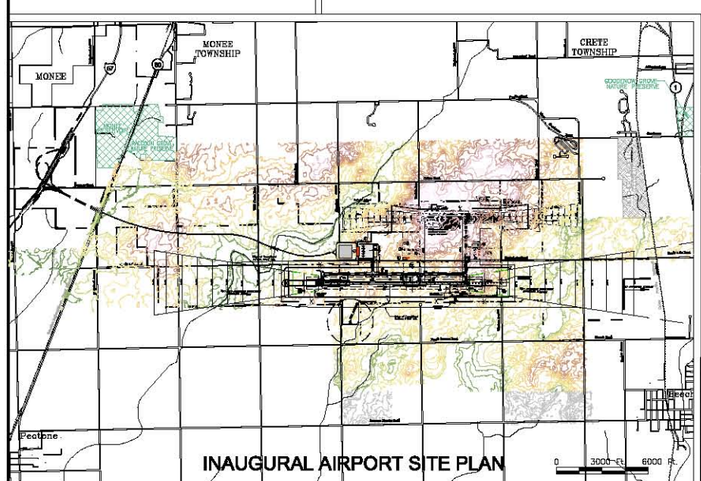

BUILDINGS AND SUPPORT FACILITIES		
NUMBER	DESCRIPTION	MAXIMUM ELEVATION (FEET ABOVE MEAN SEA LEVEL)
1	TERMINAL BUILDING	790.0
2	CARGO BUILDING	800.0
3	ELECTRICAL VAULT	770.0
4	AIR TRAFFIC CONTROL TOWER (ATCT)	805.0
5	SRE BUILDING	785.0
6	ARFF STATION	775.0
7	GENERAL AVIATION COMPLEX	795.0
8	FUEL FARM	790.0

NOTES:
1. GROUND CONTOURS ARE DISPLAYED AT 5-FOOT INTERVALS.
2. LATITUDE AND LONGITUDE ARE CALCULATED TO 0.01 SECONDS BASED ON THE FAA CRITERIA.
3. ALL DIMENSIONS ARE IN ENGLISH UNITS.
4. SEE SHEET 3 FOR TAXIWAY WIDTH DIMENSIONS.
5. THE MONTHLY MAX TEMPERATURE IS RECORDED IN JULY, THE HOTTEST MONTH RECORDED BY NOAA/NWS PARK FOREST WEATHER STATION.
6. THE 5SA RUNWAY 09-27 LENGTH SATISFIES THE TAKE-OFF REQUIREMENTS FOR A B787-3000R AT MAX. TAKE OFF WEIGHT FOR A STAGE LENGTH OF 8,100 NAUTICAL MILES.
7. ELEVATIONS SHOWN ARE IN "MEAN SEA LEVEL" (MSL) UNLESS NOTED OTHERWISE, AND ARE NOT INTENDED FOR DESIGN PURPOSES.
8. EXISTING ROADWAYS WITHIN AIRPORT BOUNDARIES WILL BE VACATED OR RELOCATED.
9. THERE ARE NO U-2 OBJECT PENETRATIONS EXCEPT FAVORABLE NAVIGATIONAL AIDS AS REQUIRED.
10. THERE ARE "NO THRESHOLDS STAND SURFACE OBJECT PENETRATIONS". ALL TREES AND ANY IDENTIFIED STRUCTURES WILL BE CUT OR REMOVED.
11. THERE IS A SURVEY MONUMENT AT EXISTING BUILT FIELD.
12. RUNWAY TO TAXIWAY/TAXIWAY TO TAXIWAY SEPARATION CRITERIA APPLICABLE TO AIRPORT DESIGN GROUP V WAS USED FOR THE INAUGURAL AIRPORT LAYOUT PLAN, TO EVALUATE FUTURE CONVERSION IF AVIATION ACTIVITY DEMANDS IT.
13. FORMER BUILT FIELD PARALLEL TAXIWAYS AND T-HANGARS DO NOT MEET FAA SEPARATION CRITERIA.

SOURCES:
1. FAA AC150-5300-13, CHANGE 8 "AIRPORT DESIGN"
2. FAA FAR PART 77, OBJECTS AFFECTING NAVIGABLE AIRSPACE
3. FAA AIRPORT LAYOUT PLAN CHECKLIST, GREAT LAKES REGION
4. MAGNETIC DECLINATION IS BASED ON NATIONAL GEOPHYSICS DATA CENTER COMPUTATION
5. MONTHLY MAXIMUM TEMPERATURE OF THE HOTTEST MONTH IS OBTAINED FROM NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) DATA FOR PARK FOREST, ILLINOIS STATION.
6. LATITUDE AND LONGITUDE ARE BASED ON NAD83 DATUM.

LEGEND

- INAUGURAL AIRPORT REFERENCE POINT (ARP)
- AIR TRAFFIC CONTROL TOWER (ATCT)
- ROTATING BEACON
- LOCALIZER CRITICAL AREA (LOC)
- GLIDE SLOPE CRITICAL AREA (GS)
- PRECISION APPROACH PATH INDICATOR (PAPI)
- RUNWAY VISUAL RANGE (RVR)
- WIND CONE
- AUTOMATIC WEATHER OBSERVATION STATION (AWOS)
- AIRPORT SURVEILLANCE RADAR (ASR)
- LOC. EQUIP SHELTER
- BLAST PAD
- NAD 83 MONUMENT
- RUNWAY END IDENTIFIER LIGHTS
- AOA SECURITY FENCE
- PROPERTY BOUNDARY
- EXISTING ROADS
- EXISTING ROADS (REMOVE)
- AIRSIDE SECURE SERVICE ROADS
- PUBLIC ACCESS ROADS
- AIRCRAFT PAVEMENT
- PARKING AREA PAVEMENT
- INAUGURAL FACILITIES
- TOWNSHIP BOUNDARIES
- VILLAGE LIMITS
- BRL — BUILDING RESTRICTION LINE (BRL)
- OFA — OBJECT FREE AREA (OFA)
- RSA — RUNWAY SAFETY AREA (RSA)
- POFA — PRECISION OBJECT FREE AREA (POFA)
- TSA — TAXIWAY SAFETY AREA (TSA)
- TOFA — TAXIWAY OBJECT FREE AREA (TOFA)
- PART 77 APPROACH SURFACE

0 500 Ft. 1000 Ft.

EarthTech
A tyco International Ltd. Company
10 S. Riverside Plaza
Suite 1900
Chicago, IL 60606
Tel. (312) 902-7100
Fax (312) 902-7044

Illinois Department of Transportation

NO.	BY	DATE	DESCRIPTION	NO.	BY	DATE	DESCRIPTION

REVISIONS

DESIGN BY: MP,DK
DRAWN BY: CH,DK
CHECKED BY: AY,JF
APPROVED BY: MP

South Suburban Airport
INAUGURAL AIRPORT LAYOUT PLAN
DBO to DBO+5

SCALE: 1"=500'
DATE: 3-1-2008
JOB NO. 57884
Worksheet no. 2