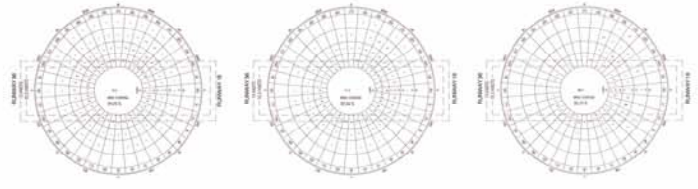
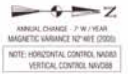
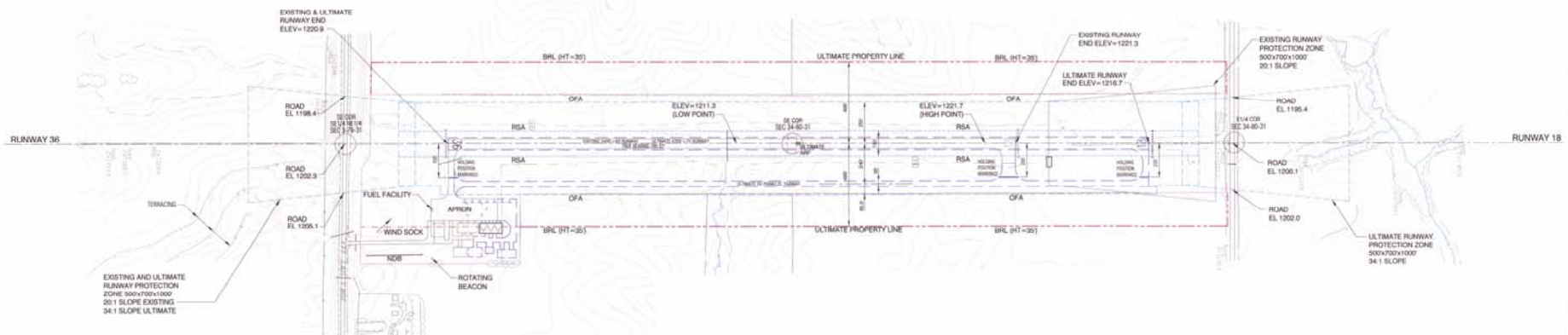


LEGEND		
EXISTING	ITEM	PROPOSED
---	RUNWAY CENTERLINE	---
---	RUNWAY SAFETY AREA BOUNDARY	---
---	RUNWAY OBJECT FREE AREA BOUNDARY	---
---	RUNWAY PROTECTION ZONE BOUNDARY	---
---	TAXIWAY OBJECT FREE AREA BOUNDARY	---
---	BUILDING RESTRICTION LINE	---
---	AIRPORT FENCELINE	---
---	AIRPORT REFERENCE POINT	---
---	AIRPORT BUILDINGS	---
---	OTHER BUILDINGS	---
---	AIRPORT PROPERTY LINE	---
---	OTHER PROPERTY LINES	---
---	RAILROAD	---
---	FENCE	---
---	ROAD	---
---	TRAIL	---
---	WETLAND	---
---	GROUND ELEVATION CONTOUR	---
---	PROPOSED LINE ACQUISITION	---
---	PROPOSED EASEMENT ACQUISITION	---
---	EASEMENT TO BE RELEASED	---
---	THRESHOLD LIGHTS	---
---	RUNWAY END OBSTRUCTION LIGHTS	---
---	PROTECTION OBSTRUCTION LIGHTS	---
---	VISUAL APPROACH SLOPE INDICATOR	---
---	MEDIAL OBSTRUCTION LIGHTING SYSTEM	---
---	POWER LINE	---
---	TELEPHONE LINE	---
---	RAIL LINE & BRIDGE	---

FACILITIES TABLE					
EXISTING			PROPOSED		
NO.	FACILITY NAME	TOP ELEVATION	NO.	FACILITY NAME	TOP ELEVATION
SEE TERMINAL AREA PLAN					



WIND COVERAGE										
WIND DIRECTION	ALL WEATHER CONDITIONS					ALL WEATHER CONDITIONS - 3+ MILES PER HOUR				
	10-15 MPH	16-20 MPH	21-25 MPH	26-30 MPH	31-35 MPH	10-15 MPH	16-20 MPH	21-25 MPH	26-30 MPH	31-35 MPH
8% OF ALL WEATHER REARWIND WINDS PER CONDITION										



RUNWAY DATA TABLE		
RUNWAY DATA	RUNWAY 18/36	
	EXISTING	ULTIMATE
EFFECTIVE WIDTH (FT)	1,000	1,000
MINIMUM CLEARANCE CHALLENGE	5,000	5,000
MIN. ELEVATION (MSL)	1201.7	1201.7
RUNWAY LENGTH	3000	4000
RUNWAY WIDTH	80	80
GRASSY AREA THRESHOLD	---	---
GRADE AT RUNWAY END	440	400
PAVEMENT TYPE	ASPH	ASPH
PAVEMENT STRENGTH	---	---
SPINDE SPEED	10,000 LBS	10,000 LBS
SOIL, BENEATH	---	---
APPROACH SURFACE SLOPE	2.5% R	2.5% R
APPROACH SLOPE	0.01% R	0.01% R
APPROACH SLOPE	1.00% L	1.00% L
VISUAL APPROACH SLOPE	0.01% R	0.01% R
RUNWAY LIGHTING	---	---
RUNWAY MARKING	NON-DESCRIPTIVE	NON-DESCRIPTIVE
RUNWAY MATERIALS CODE (RMC)	---	---
CENTRAL AIRPORT	---	---
RUNWAY OBJECT FREE AREA (OFA)	---	---
LENGTH BEYOND RUNWAY	---	---
RUNWAY SAFETY AREA (RSA)	---	---
LENGTH BEYOND RUNWAY	---	---
WIDTH	---	---
OBJECT FREE ZONE (OFZ)	---	---
END POINT COORDINATE	---	---
RUNWAY END COORDINATE (H&S)	---	---
LATITUDE	---	---
LONGITUDE	---	---
RUNWAY END ELEVATION (MSL)	---	---
GRASSY AREA THRESHOLD ELEVATION (MSL)	---	---
TOP ELEVATION (MSL)	---	---
LINE OF SIGHT (LOS)	---	---

RUNWAY SAFETY AREA DETERMINATION					
RUNWAY END ID	STANDARD RSA LENGTH BEYOND RUNWAY	ACTUAL RSA LENGTH BEYOND RUNWAY	VIOLATIONS TO RSA ALONG SIDE OF RUNWAY	RSA DETERMINATION	DATE APPROVED
18	300	300	NONE		
36	300	300	NONE		

NOTES:
THERE ARE NO OFZ OBJECT PENETRATIONS.
THERE ARE NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
THERE ARE NO MODIFICATIONS TO DESIGN STANDARDS.

AIRPORT DATA TABLE		
AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (ARP)	1201.7	1201.7
LATITUDE	41°51'13" NORTH	41°51'13" NORTH
LONGITUDE	88°13' NORTH	88°13' NORTH
MEAN SEA TEMPERATURE OF THE HOTTEST MONTH	66.3	66.3
AIRPORT TOWER AREA (MSL)	---	---
MAGNETIC VARIATION	7° WEST	7° WEST
ZONE OF MAGNETIC INTERFERENCE	---	---
SPRING SERVICE LEVEL	---	---
STATE SERVICE LEVEL	---	---
AIRPORT REFERENCE CODE	---	---
DESIGN AIRCRAFT	---	---
TAXIWAY LIGHTING	---	---
TAXIWAY MARKING	NON-DESCRIPTIVE	NON-DESCRIPTIVE

CONDITIONAL APPROVAL
The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated June 30, 2006, may not be undertaken without prior written environmental approval by the Federal Aviation Administration. This approval action does not imply any commitment by Federal funding, or approval of future structures requiring notice under FAR Part 77.
Todd M. Madison, P.E.
Todd M. Madison, P.E.
FAA Central Region

APPROVED: _____
DATE: _____



NO.	REVISION	BY	DATE	NO.	REVISION	BY	DATE

CGA
Cognate-Gardner Associates, Inc.
18 East Main Street
Manchester, Iowa 50158
(712) 732-6771
www.cognate-gardner.com

DESIGNED: _____	DATE: _____
CHECKED: _____	DATE: _____
APPROVED: _____	DATE: _____

GUTHRIE COUNTY REGIONAL AIRPORT
GUTHRIE COUNTY, IOWA

AIRPORT LAYOUT DRAWING

PROJECT: 4225.03
SHEET: 2 of 8