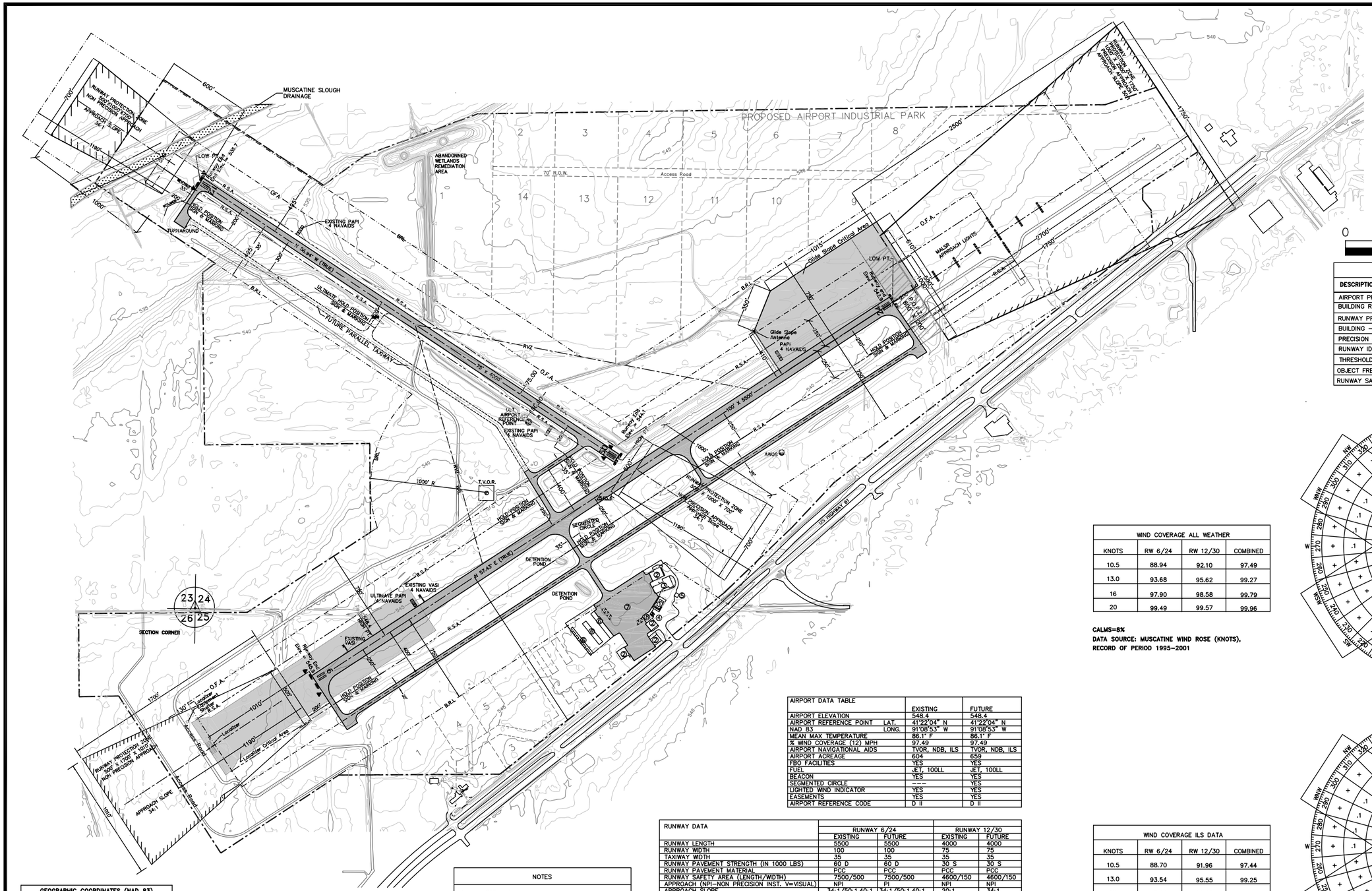
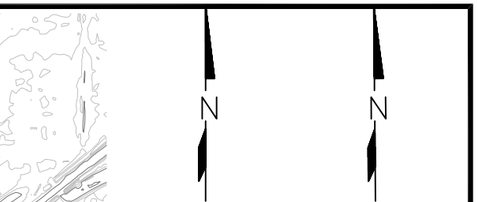
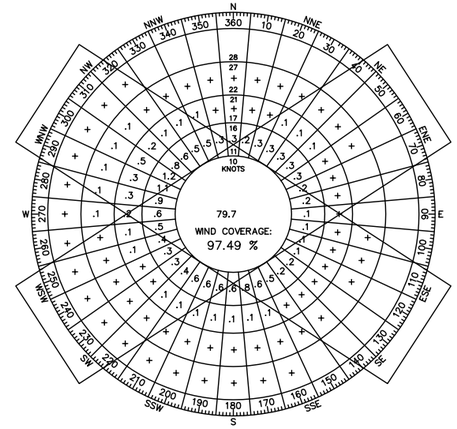




BUILDINGS AND FACILITIES	
①	TERMINAL–FBO
②	CORPORATE HANGARS
③	MUNICIPAL HANGARS
④	VEHICLE PARKING
⑤	FUEL STORAGE
⑥	T HANGARS
⑦	AIRCRAFT PARKING APRON
⑧	ELECTRICAL VAULT

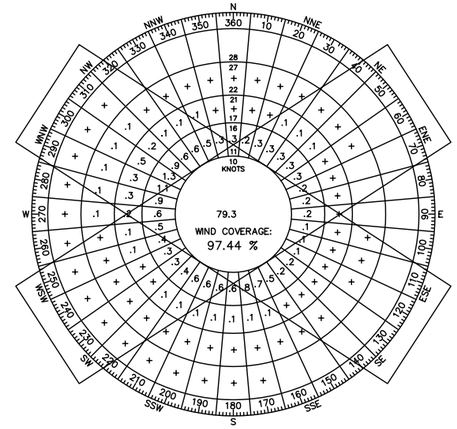
0 800

LEGEND		
DESCRIPTION	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
BUILDING RESTRICTION LINE (BRL)		
RUNWAY PROTECTION ZONE EASEMENT		
BUILDING – STRUCTURES		
PRECISION APPROACH PATH INDICATOR (PAPI)		
RUNWAY IDENTIFIER LIGHTS (REIL)		
THRESHOLD LIGHT		
OBJECT FREE AREA (OFA)		
RUNWAY SAFETY AREA (RSA)		



WIND COVERAGE ALL WEATHER			
KNOTS	RW 6/24	RW 12/30	COMBINED
10.5	88.94	92.10	97.49
13.0	93.68	95.62	99.27
16	97.90	98.58	99.79
20	99.49	99.57	99.96

CALMS=5%
DATA SOURCE: MUSCATINE WIND ROSE (KNOTS), RECORD OF PERIOD 1995–2001



WIND COVERAGE ILS DATA			
KNOTS	RW 6/24	RW 12/30	COMBINED
10.5	88.70	91.96	97.44
13.0	93.54	95.55	99.25
16	97.86	98.55	99.79
20	99.49	99.57	99.96

CALMS=7%
DATA SOURCE: MUSCATINE WIND ROSE (KNOTS), RECORD OF PERIOD 1995–2001
ILS DATA: CEILING >= 200' & VISIBILITY >= 0.5 MILE

AIRPORT DATA TABLE			
		EXISTING	FUTURE
AIRPORT ELEVATION		548.4	548.4
AIRPORT REFERENCE POINT	LAT.	41°22'04" N	41°22'04" N
NAD 83	LONG.	91°08'53" W	91°08'53" W
MEAN MAX TEMPERATURE		86.1° F	86.1° F
% WIND COVERAGE (12) MPH		97.49	97.49
AIRPORT NAVIGATIONAL AIDS		TVOR, NDB, ILS	TVOR, NDB, ILS
AIRPORT ACREAGE		604	659
FBO FACILITIES		YES	YES
FUEL		JET, 100LL	JET, 100LL
BEACON		YES	YES
SEGMENTED CIRCLE		---	YES
LIGHTED WIND INDICATOR		YES	YES
EASEMENTS		YES	YES
AIRPORT REFERENCE CODE		D II	D II

RUNWAY DATA	RUNWAY 6/24		RUNWAY 12/30	
	EXISTING	FUTURE	EXISTING	FUTURE
RUNWAY LENGTH	5500	5500	4000	4000
RUNWAY WIDTH	100	100	75	75
TAXIWAY WIDTH	35	35	35	35
RUNWAY PAVEMENT STRENGTH (IN 1000 LBS)	60 D	60 D	30 S	30 S
RUNWAY PAVEMENT MATERIAL	PCC	PCC	PCC	PCC
RUNWAY SAFETY AREA (LENGTH/WIDTH)	7500/500	7500/500	4600/150	4600/150
APPROACH (NPI–NON PRECISION INST. V=VISUAL)	NPI	PI	NPI	NPI
APPROACH SLOPE	34:1/50:1,40:1	34:1/50:1,40:1	20:1	34:1
RUNWAY MARKINGS	NP	P	NP	NP
RUNWAY EDGE & THRESHOLD LIGHTING	MIRL	HIRL	MIRL	MIRL
RUNWAY EDGE & THRESHOLD LIGHTING	MIRL	MIRL	MIRL	MIRL
VISUAL AIDS	REIL/VASI (6), MALSR, PAPI (24)	REIL/VASI (6), MALSR, PAPI (24)	REIL, PAPI	REIL, PAPI
BUILDING RESTRICTION LINE HEIGHT	35'	35'	35'	35'
TOUCHDOWN ZONE ELEVATION	548,546	548,546	542,544	542,544
OBJECT FREE AREA L.W.	7500/800	7500/800	4600/500	4600/500
RUNWAY OBSTACLE FREE ZONE L.W.	5900/400	5900/400	4400/250	4400/250
ELECTRONIC AIDS	LOC/GS	LOC/GS	NONE	NONE
DESIGN GROUP	II	II	II	II
APPROACH SPEED	D	D	B	B
APPROACH VISIBILITY MINIMUMS	1 MILE/1/2 MILE	1 MILE/1/2 MILE	> 1 MILE	1 MILE

GEOGRAPHIC COORDINATES (NAD 83)		
RUNWAY 6	LAT.	41°21'44.40" N
	LONG.	91°09'15.71" W
RUNWAY 24	LAT.	41°22'12.55" N
	LONG.	91°08'14.48" W
RUNWAY 12	LAT.	41°22'23.83" N
	LONG.	91°09'26.63" W
RUNWAY 30	LAT.	41°22'01.12" N
	LONG.	91°08'43.69" W

Approved By: The City of Muscatine

Date: _____

By: _____

NOTES
1. No OFZ object penetrations.
2. No threshold siting surface object penetrations.
3. Maximum building height at B.R.L. is 35'.
4. One foot contour intervals are shown.
5. As of the fall of 2001, city sanitary sewer has been extended to the airport.
6. No modifications of airport design standards have been made.

NO.	REVISION DESCRIPTION	APPROVED	DATE

Client: City of Muscatine
215 Sycamore
Muscatine, Iowa 52761
Phone: (563) 263–8672

ANDERSON-BOGERT
Engineers & Surveyors, Inc.

Drawn By: C.V.P.
Date: 6/6/07
Project No. 203216

Approved By: J.C.D.
Scale: See Bar

Muscatine Municipal Airport Layout Plan

Airport Layout Drawing

SHEET NO. 2 OF 11

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