RUNWAY END COORDINATES - NAD 83

	RUNWAY 14		RUNWAY 32		RUNWAY 18		RUNWAY 36	
	EXISTING	RELOCATED	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
LATITUDE	42° 00' 49.6435" N	42° 00' 48.856" N	42° 00' 24.445" N	42° 00' 17.360" N	42° 00' 48.2511" N	42° 00' 50.30" N	42° 00' 31.8598" N	42° 00' 21.2044" N
LONGITUDE	94° 20' 48.9798" W	94° 20' 48.180" W	94° 20' 23.380" W	94° 20' 16.183" W	94° 20' 23.1001" W	94° 20' 22.30" W	94° 20' 27.7387" W	94° 20' 29.89989" W

BUILDING IDENTIFICATION

I.D.	DESCRIPTION	I.D.	DESCRIPTION
A	IOWA ARMY NATIONAL GUARD	F	TEE HANGARS
B	MAINTENANCE HANGAR	G	TEE HANGARS
C	TERMINAL	H	MANAGER'S RESIDENCE
D	BLOCK HANGARS	1	60'x60' CONV HGR
E	CONVENTIONAL HANGAR	2	ULTIMATE 4-UNIT TEE HGR

HOLDING POSITION TABLE

HOLDING POSITION	HOLD TYPE	DISTANCE
HL 1	RUNWAY	200'
HL 2	RUNWAY	200'
HL 3	RUNWAY	200'
HL 4	RUNWAY	200'

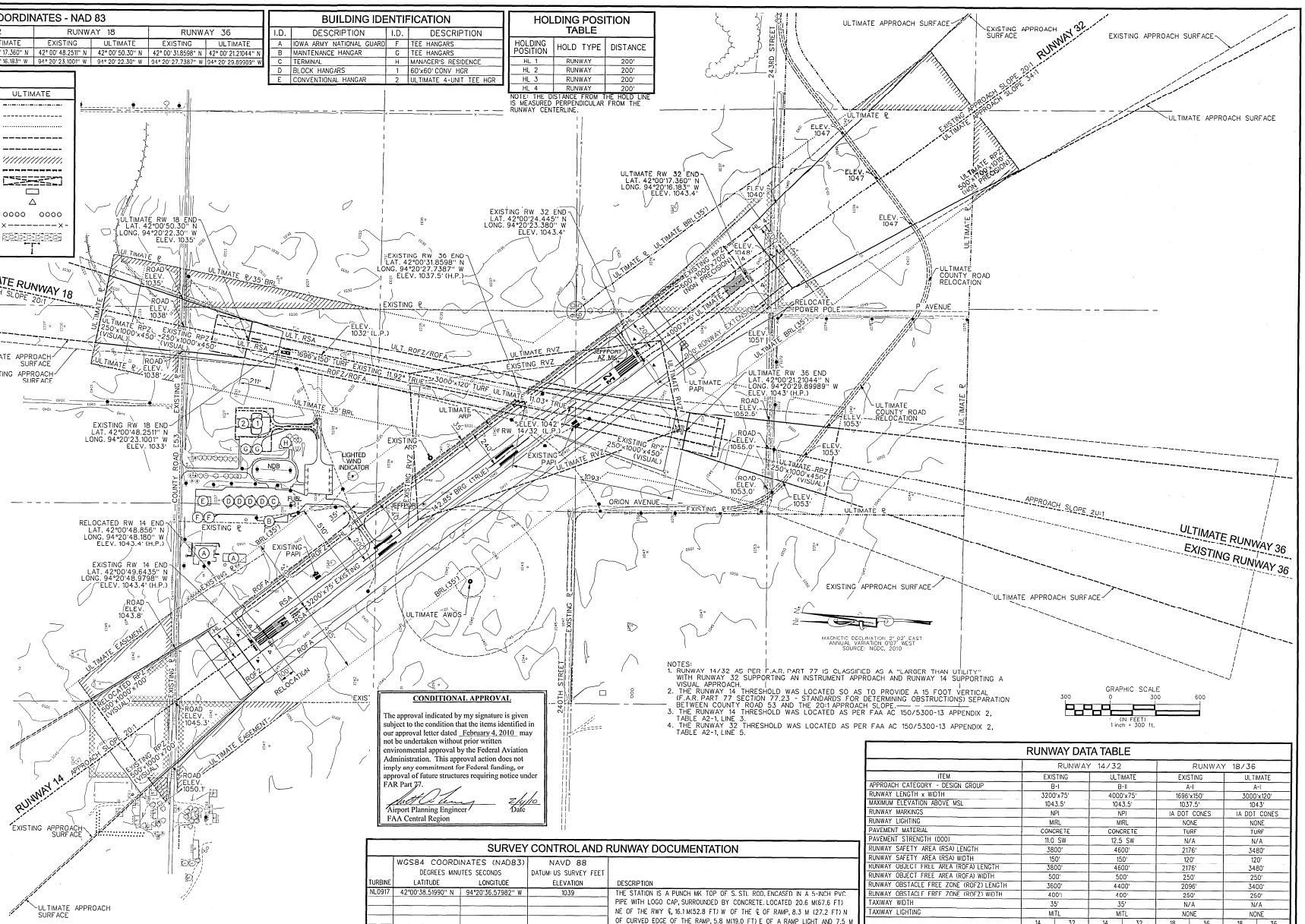
NOTE: THE DISTANCE FROM THE HOLD LINE IS MEASURED PERPENDICULAR FROM THE RUNWAY CENTERLINE.

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
AIRPORT EASEMENT LINE		
BUILDING RESTRICTION LINE		
RUNWAY VISIBILITY ZONE / LINE OF SIGHT		
RUNWAY PROTECTION ZONE		
RUNWAY PROTECTION ZONE EASEMENT		
RUNWAY SAFETY AREA AND OBJECT FREE AREA		
BUILDING - STRUCTURES		
PRECISION APPROACH PATH INDICATOR (PAPI)		
RUNWAY END IDENTIFIER LIGHTS (REIL)		
THRESHOLD LIGHTS		
FENCE		
PAVEMENT REMOVAL		
TIEDOWN		

AIRPORT DATA - NAVD 88

ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION	1043.5'	1043.5'
AIRPORT REFERENCE POINT (ARP)	42°00'38" N 94°20'32" W	42°00'34" N 94°20'30" W
MEAN MAX. TEMP.	87°F	87°F
AIRPORT NAVAIDS	NDB/GPS	NDB/GPS
ROTATING BEACON	YES	YES
SEGMENTED CIRCLE	NO	NO
LIGHTED WIND INDICATOR	YES	YES
AIRPORT REFERENCE CODE	B-II	B-II



NOTES:
1. RUNWAY 14/32 AS PER F.A.R. PART 77 IS CLASSIFIED AS A "LARGER THAN UTILITY" WITH RUNWAY 32 SUPPORTING AN INSTRUMENT APPROACH AND RUNWAY 14 SUPPORTING A VISUAL APPROACH.
2. THE RUNWAY 14 THRESHOLD WAS LOCATED SO AS TO PROVIDE A 15 FOOT VERTICAL (F.A.R. PART 77 SECTION 77.23 - STANDARDS FOR DETERMINING OBSTRUCTIONS) SEPARATION BETWEEN COUNTY ROAD 53 AND THE 20:1 APPROACH SLOPE.
3. THE RUNWAY 14 THRESHOLD WAS LOCATED AS PER FAA AC 150/5300-13 APPENDIX 2, TABLE A2-1, LINE 3.
4. THE RUNWAY 32 THRESHOLD WAS LOCATED AS PER FAA AC 150/5300-13 APPENDIX 2, TABLE A2-1, LINE 5.

GRAPHIC SCALE
300 0 300 600
(IN FEET)
1 inch = 300 ft.

CONDITIONAL APPROVAL

The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated February 4, 2010 may not be undertaken without prior written environmental approval by the Federal Aviation Administration. This approval action does not imply any commitment for Federal funding, or approval of future structures requiring notice under FAR Part 77.

Airport Planning Engineer
FAA Central Region

Date

RUNWAY DATA TABLE

ITEM	RUNWAY 14/32				RUNWAY 18/36			
	EXISTING		ULTIMATE		EXISTING		ULTIMATE	
APPROACH CATEGORY - DESIGN GROUP	B-I		B-II		A-I		A-I	
RUNWAY LENGTH x WIDTH	3200'x75'		4000'x75'		1696'x150'		3000'x120'	
MAXIMUM ELEVATION ABOVE MSL	1043.5'		1043.5'		1037.5'		1043'	
RUNWAY MARKINGS	NPI		NPI		IA DOT CONES		IA DOT CONES	
RUNWAY LIGHTING	MIRL		MIRL		NONE		NONE	
PAVEMENT MATERIAL	CONCRETE		CONCRETE		TURF		TURF	
PAVEMENT STRENGTH (1000)	11.0 SW		12.5 SW		N/A		N/A	
RUNWAY SAFETY AREA (RSA) LENGTH	3800'		4600'		2176'		3480'	
RUNWAY SAFETY AREA (RSA) WIDTH	150'		150'		120'		120'	
RUNWAY OBJECT FREE AREA (ROFA) LENGTH	3600'		4600'		2176'		3480'	
RUNWAY OBJECT FREE AREA (ROFA) WIDTH	500'		500'		250'		250'	
RUNWAY OBSTACLE FREE ZONE (ROFZ) LENGTH	3600'		4400'		2096'		3400'	
RUNWAY OBSTACLE FREE ZONE (ROFZ) WIDTH	400'		400'		250'		250'	
TAXIWAY WIDTH	35'		35'		N/A		N/A	
TAXIWAY LIGHTING	MITL		MITL		NONE		NONE	
	14	32	14	32	18	36	18	36
APPROACH TYPE	VISUAL	NPI	VISUAL	NPI	VISUAL	VISUAL	VISUAL	VISUAL
APPROACH SURFACE SLOPE	20:1	20:1	20:1	34:1	20:1	20:1	20:1	20:1
PERCENT EFFECTIVE GRADIENT	0.0	0.0	0.0	0.0	+0.3	-0.3	+0.4	-0.4
ELECTRONIC AIDS	GPS	NDB, GPS	NONE	GPS	NONE	NONE	NONE	NONE
VISUAL APPROACH AIDS	P2L/REIL	P2L/REIL	P2L/REIL	P2L/REIL	NONE	NONE	NONE	NONE
APPROACH VISIBILITY MINIMUMS	1 MILE	1 MILE	1 MILE	1 MILE	1-MILE	1-MILE	1-MILE	1-MILE
TOUCHDOWN ZONE ELEVATION	1043.4'	1043.4'	1043.4'	1043.4'	1037.5'	1037.5'	1043'	1043'

SURVEY CONTROL AND RUNWAY DOCUMENTATION

TURBINE	WGS84 COORDINATES (NAD83) DEGREES MINUTES SECONDS LATITUDE	LONGITUDE	NAVD 88 DATUM: US SURVEY FEET ELEVATION	DESCRIPTION
NL0917	42°00'38.51990" N	94°20'36.57982" W	1039	THE STATION IS A PUNCH MK TOP OF S. STL ROD, ENCASED IN A 5-INCH PVC PIPE WITH LOGO CAP, SURROUNDED BY CONCRETE. LOCATED 20.6 M(67.6 FT) NE OF THE RWY ℄, 16.1 M(52.8 FT) W OF THE ℄ OF RAMP, 8.3 M (27.2 FT) N OF CURVED EDGE OF THE RAMP, 5.8 M(19.0 FT) E OF A RAMP LIGHT AND 7.5 M (24.6 FT) E OF A FIBERGLASS WIRNESS POST.
NL0918	42°00'25.76054" N	94°20'23.85309" W	1041	THE STATION IS A PUNCH MK TOP OF S. STL ROD, ENCASED IN A 5-INCH PVC PIPE WITH LOGO CAP, SURROUNDED BY CONCRETE. LOCATED 16.0 M(52.5 FT) NE OF THE RWY ℄, 10.0 M(32.8 FT) W-NW OF N COR OF TURN-AROUND AND 4.75 M(15.6 FT) N OF JCT OF RWY AND TURN-AROUND.

NOTES

THERE ARE NO OBSTACLE FREE ZONE (OFZ) PENETRATIONS
THERE ARE NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS
THERE ARE NO MODIFICATIONS TO DESIGN STANDARDS

REVISION BLOCK
NUMBER DESCRIPTION

APPROVED BY: James E. Rod
DATE APPROVED: 1-20-10

PROJECT: JEFFERSON MUNICIPAL AIRPORT
TITLE: AIRPORT LAYOUT PLAN

SNYDER & ASSOCIATES
2727 S.W. SNYDER BLVD. ANKENY, IOWA 50023 515-964-2022
ATLANTIC, IA 712-243-2600 | COUNCIL BLUFFS, IA 712-322-2560 | MARYVILLE, MO 660-562-2600 | ST. JOSEPH, MO 816-233-3582

PLNR:	JLS
CK BY:	JLS
DR BY:	RRD
DATE:	6-2009
PROJECT NO.	106.0394
DWG NO.	D-2923
SHEET	2 OF 11