LEGEND

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

CONDITIONAL APPROVAL

The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated January 25, 2012 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 END COORDINATES - NAD 83

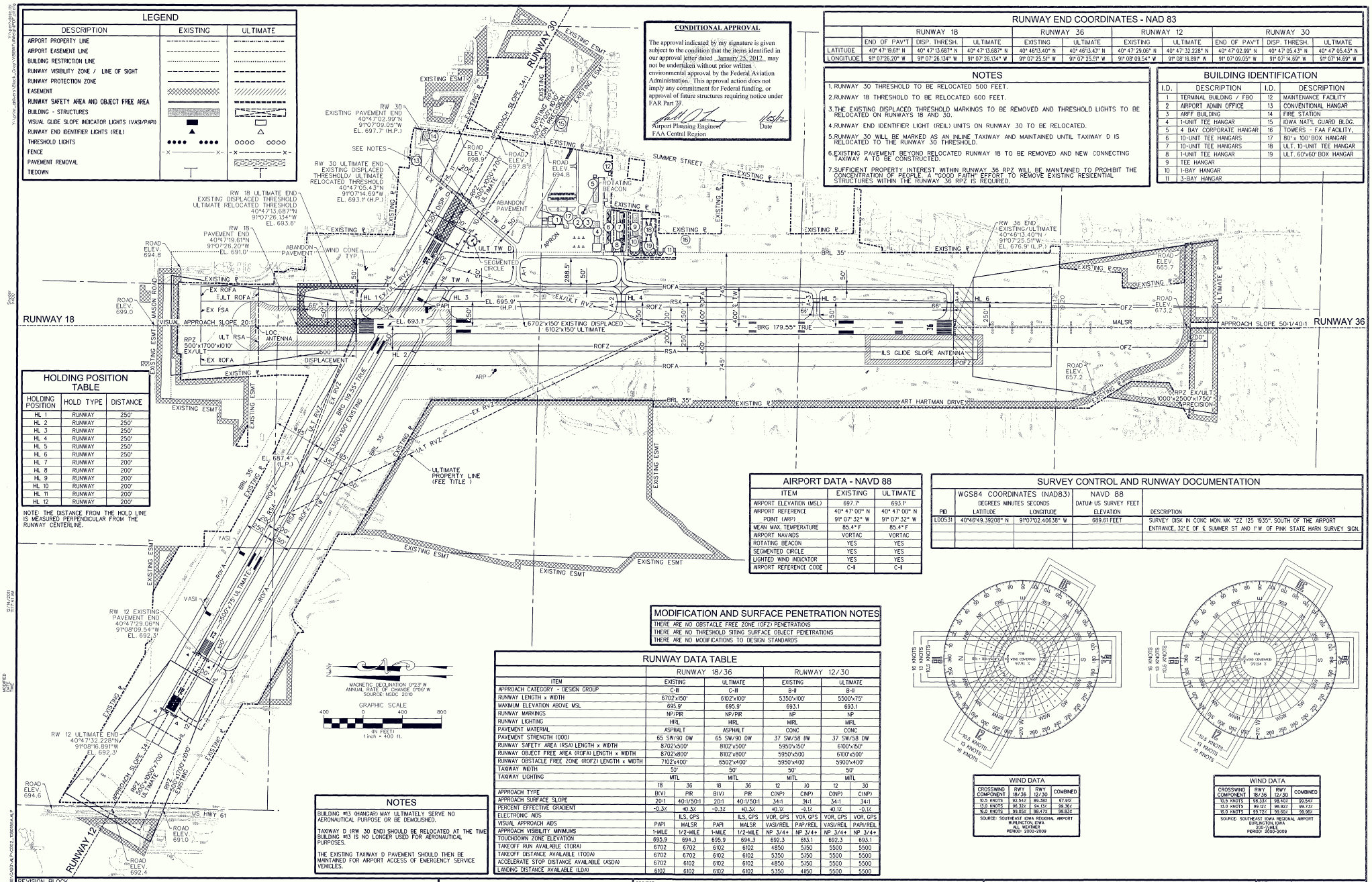
	RUNWAY 18			RUNWAY 36		RUNWAY 12		RUNWAY 30		
	END OF PAV'T	DISP. THRESH.	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	END OF PAV'T	DISP. THRESH.	ULTIMATE
LATITUDE	40° 47' 19.67" N	40° 47' 13.687" N	40° 47' 13.687" N	40° 46' 13.40" N	40° 46' 13.43" N	40° 47' 29.06" N	40° 47' 32.228" N	40° 47' 02.99" N	40° 47' 05.43" N	40° 47' 05.43" N
LONGITUDE	91° 07' 26.20" W	91° 07' 26.134" W	91° 07' 26.134" W	91° 07' 25.51" W	91° 07' 25.51" W	91° 08' 09.54" W	91° 08' 16.89" W	91° 07' 09.05" W	91° 07' 14.69" W	91° 07' 14.69" W

NOTES

1. RUNWAY 30 THRESHOLD TO BE RELOCATED 500 FEET.
2. RUNWAY 18 THRESHOLD TO BE RELOCATED 600 FEET.
3. THE EXISTING DISPLACED THRESHOLD MARKINGS TO BE REMOVED AND THRESHOLD LIGHTS TO BE RELOCATED ON RUNWAYS 18 AND 30.
4. RUNWAY END IDENTIFIER LIGHT (REIL) UNITS ON RUNWAY 30 TO BE RELOCATED.
5. RUNWAY 30 WILL BE MARKED AS AN INLINE TAXIWAY AND MAINTAINED UNTIL TAXIWAY D IS RELOCATED TO THE RUNWAY 30 THRESHOLD.
6. EXISTING PAVEMENT BEYOND RELOCATED RUNWAY 18 TO BE REMOVED AND NEW CONNECTING TAXIWAY A TO BE CONSTRUCTED.
7. SUFFICIENT PROPERTY INTEREST WITHIN RUNWAY 36 RPZ WILL BE MAINTAINED TO PROHIBIT THE CONCENTRATION OF PEOPLE. A "GOOD FAITH" EFFORT TO REMOVE EXISTING RESICENTIAL STRUCTURES WITHIN THE RUNWAY 36 RPZ IS REQUIRED.

BUILDING IDENTIFICATION

I.D.	DESCRIPTION	I.D.	DESCRIPTION
1	TERMINAL BUILDING / FBO	12	MAINTENANCE FACILITY
2	AIRPORT ADMIN OFFICE	13	CONVENTIONAL HANGAR
3	ARFF BUILDING	14	FIRE STATION
4	1-UNIT TEE HANGAR	15	IOWA NAT'L GUARD BLDG.
5	4 BAY CORPORATE HANGAR	16	TOWERS - FAA FACILITY,
6	10-UNIT TEE HANGARS	17	80' x 100' BOX HANGAR
7	10-UNIT TEE HANGARS	18	ULT. 10-UNIT TEE HANGAR
8	1-UNIT TEE HANGAR	19	ULT. 60'x60' BOX HANGAR
9	TEE HANGAR		
10	1-BAY HANGAR		
11	3-BAY HANGAR		



HOLDING POSITION TABLE

HOLDING POSITION	HOLD TYPE	DISTANCE
HL 1	RUNWAY	250'
HL 2	RUNWAY	250'
HL 3	RUNWAY	250'
HL 4	RUNWAY	250'
HL 5	RUNWAY	250'
HL 6	RUNWAY	250'
HL 7	RUNWAY	200'
HL 8	RUNWAY	200'
HL 9	RUNWAY	200'
HL 10	RUNWAY	200'
HL 11	RUNWAY	200'
HL 12	RUNWAY	200'

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

AIRPORT DATA - NAVD 88

ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	697.7'	693.1'
AIRPORT REFERENCE POINT (ARP)	40° 47' 00" N 91° 07' 32" W	40° 47' 00" N 91° 07' 32" W
MEAN MAX. TEMPERATURE	85.4° F	85.4° F
AIRPORT NAVAIDS	VORTAC	VORTAC
ROTATING BEACON	YES	YES
SEGMENTED CIRCLE	YES	YES
LIGHTED WIND INDICATOR	YES	YES
AIRPORT REFERENCE CODE	C-II	C-II

SURVEY CONTROL AND RUNWAY DOCUMENTATION

PID	WGS84 COORDINATES (NAD83) DEGREES MINUTES SECONDS LATITUDE	LONGITUDE	NAVD 88 DATUM US SURVEY FEET ELEVATION	DESCRIPTION
LD0531	40°46'49.39208" N	91°07'02.40638" W	689.61 FEET	SURVEY DISK IN CONC MON. MK "ZZ 125 1935", SOUTH OF THE AIRPORT ENTRANCE, 32' E OF ℄ SUMMER ST AND 1' W OF PINK STATE HARN SURVEY SIGN.

MODIFICATION AND SURFACE PENETRATION NOTES

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

RUNWAY DATA TABLE

ITEM	RUNWAY 18/36 EXISTING		RUNWAY 18/36 ULTIMATE		RUNWAY 12/30 EXISTING		RUNWAY 12/30 ULTIMATE	
APPROACH CATEGORY - DESIGN GROUP	C-III		C-III		B-II		B-II	
RUNWAY LENGTH x WIDTH	6702'x150'		6102'x100'		5350'x100'		5500'x75'	
MAXIMUM ELEVATION ABOVE MSL	695.9'		695.9'		693.1		693.1	
RUNWAY MARKINGS	NP/PIR		NP/PIR		NP		NP	
RUNWAY LIGHTING	HIRL		HIRL		MIRL		MIRL	
PAVEMENT MATERIAL	ASPHALT		ASPHALT		CONC		CONC	
PAVEMENT STRENGTH (000)	65 SW/90 DW		65 SW/90 DW		37 SW/58 DW		37 SW/58 DW	
RUNWAY SAFETY AREA (RSA) LENGTH x WIDTH	8702'x500'		8102'x500'		5950'x150'		6100'x150'	
RUNWAY OBJECT FREE AREA (ROFA) LENGTH x WIDTH	8702'x800'		8102'x800'		5950'x500		6100'x500'	
RUNWAY OBSTACLE FREE ZONE (ROFZ) LENGTH x WIDTH	7102'x400'		6502'x400'		5950'x400		5900'x400'	
TAXIWAY WIDTH	50'		50'		50'		50'	
TAXIWAY LIGHTING	MITL		MITL		MITL		MITL	
	18	36	18	36	12	10	12	30
APPROACH TYPE	B(V)	PIR	B(V)	PIR	C(NP)	C(NP)	C(NP)	C(NP)
APPROACH SURFACE SLOPE	20:1	40:1/50:1	20:1	40:1/50:1	34:1	34:1	34:1	34:1
PERCENT EFFECTIVE GRADIENT	-0.3%	+0.3%	-0.3%	+0.3%	+0.1%	-0.1%	+0.1%	-0.1%
ELECTRONIC AIDS	ILS, GPS		ILS, GPS		VOR, GPS	VOR, GPS	VOR, GPS	VOR, GPS
VISUAL APPROACH AIDS	PAPI	MALSR	PAPI	MALSR	VASI/REIL	PAPI/REIL	VASI/REIL	PAPI/REIL
APPROACH VISIBILITY MINIMUMS	1-MILE	1/2-MILE	1-MILE	1/2-MILE	NP 3/4+	NP 3/4+	NP 3/4+	NP 3/4+
TOUCHDOWN ZONE ELEVATION	695.9	694.3	695.9	694.3	692.3	693.1	692.3	693.1
TAKEOFF RUN AVAILABLE (TORA)	6702	6702	6102	6102	4850	5150	5500	5500
TAKEOFF DISTANCE AVAILABLE (TODA)	6702	6702	6102	6102	5350	5150	5500	5500
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	6702	6102	6102	6102	4850	5150	5500	5500
LANDING DISTANCE AVAILABLE (LDA)	6102	6102	6102	6102	5350	4850	5500	5500

NOTES

BUILDING #13 (HANGAR) MAY ULTIMATELY SERVE NO AERONAUTICAL PURPOSE OR BE DEMOLISHED.

TAXIWAY D (RW 30 END) SHOULD BE RELOCATED AT THE TIME BUILDING #13 IS NO LONGER USED FOR AERONAUTICAL PURPOSES.

THE EXISTING TAXIWAY D PAVEMENT SHOULD THEN BE MAINTAINED FOR AIRPORT ACCESS OF EMERGENCY SERVICE VEHICLES.

WIND DATA

CROSSWIND COMPONENT	RWY 18/36	RWY 12/30	COMBINED
10.5 KNOTS	92.54%	89.38%	97.91%
13.0 KNOTS	96.32%	94.13%	99.36%
16.0 KNOTS	96.05%	98.47%	99.83%

SOURCE: SOUTHEAST IOWA REGIONAL AIRPORT BURLINGTON, IOWA ALL WEATHER PERIOD: 2000-2009

WIND DATA

CROSSWIND COMPONENT	RWY 18-36	RWY 12/30	COMBINED
10.5 KNOTS	98.33%	98.40%	99.54%
13.0 KNOTS	99.12%	98.92%	99.73%
16.0 KNOTS	99.72%	99.60%	99.96%

SOURCE: SOUTHEAST IOWA REGIONAL AIRPORT BURLINGTON, IOWA 20P/1VMLE PERIOD: 2000-2009

REVISION BLOCK NUMBER	DATE	DESCRIPTION

SOUTHEAST IOWA REGIONAL AIRPORT AUTHORITY
APPROVED BY: [signature]
DATE APPROVED: December 16, 2011

PROJECT: SOUTHEAST IOWA REGIONAL AIRPORT - BURLINGTON, IOWA
TITLE: AIRPORT LAYOUT DRAWING

SNYDER & ASSOCIATES
2727 S.W. SNYDER BLVD. ANKENY, IOWA 50023 515-964-2020

PLNR: JLS	CK. BY: JLS	DR. BY: RRD	DATE: 8-2008
PROJECT NO. 108.0188	DWG. NO. D-3120	SHEET 2 OF 18	