

10/14/2011 8:41:55 AM
 V:\projects\advers\black\090102\1080102.dwg
 10/14/2011 8:41:55 AM

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	---	---
PRECISION APPROACH PATH INDICATOR (PAPI)	---	---
RUNWAY END IDENTIFIER LIGHTS (REIL)	---	---
THRESHOLD LIGHTS	---	---
FENCE	---	---
PAVEMENT REMOVAL	---	---
TIEDOWN	---	---

HOLDING POSITION TABLE		
HOLDING POSITION	HOLD TYPE	DISTANCE
HL 1	RUNWAY	125'
HL 2	RUNWAY	125'
HL 3	RUNWAY	125'
HL 4	RUNWAY	125'

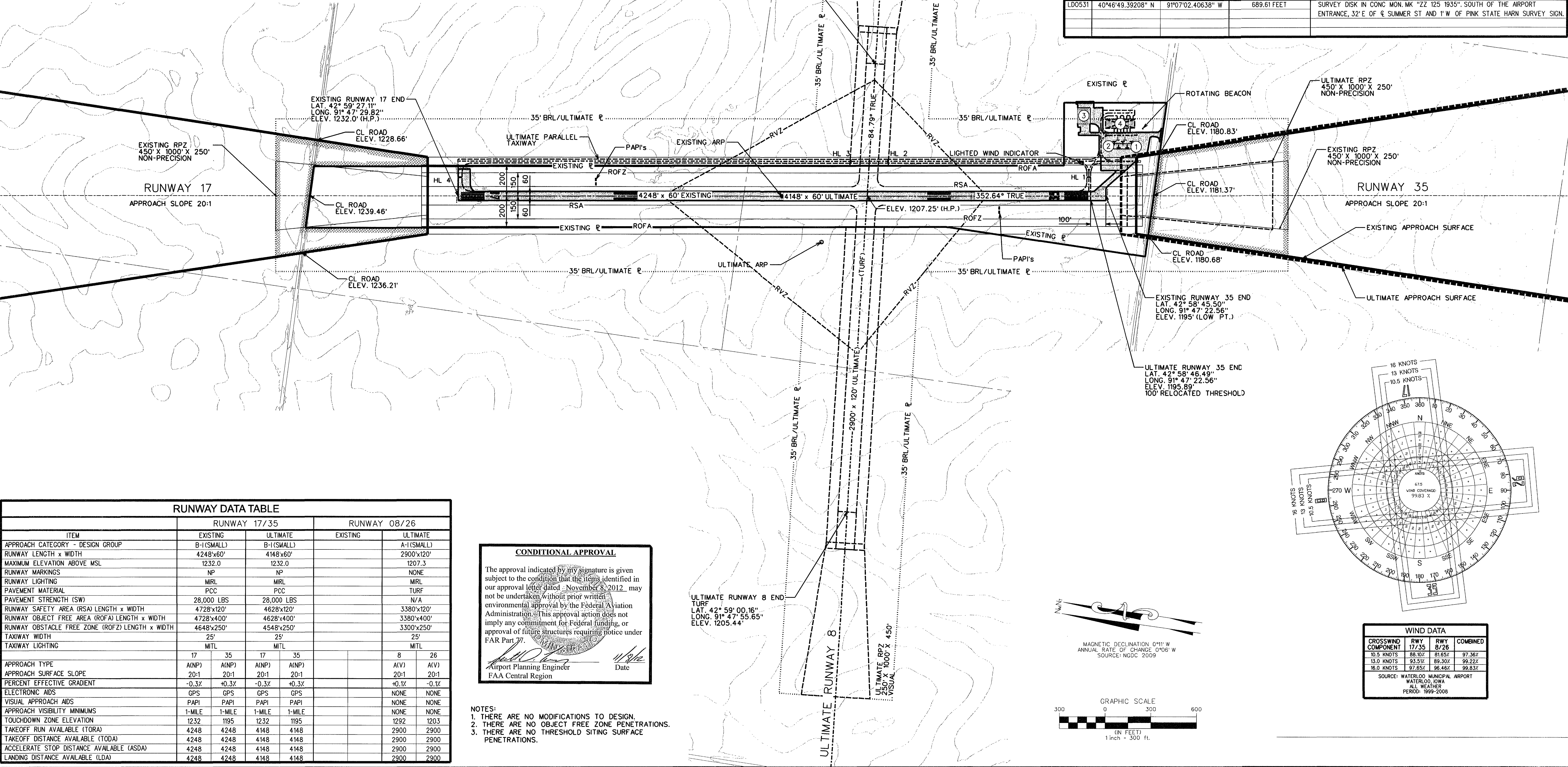
NOTE: THE DISTANCE FROM THE HOLD LINE IS MEASURED PERPENDICULAR FROM THE RUNWAY CENTERLINE.

RUNWAY END COORDINATES - NAD 83								
	RUNWAY 17		RUNWAY 35		RUNWAY 08		RUNWAY 26	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
LATITUDE	42° 59' 27.11" N	42° 59' 27.11" N	42° 58' 45.50" N	42° 58' 46.49" N		42° 59' 00.16" N		42° 59' 02.89" N
LONGITUDE	91° 47' 29.82" W	91° 47' 29.82" W	91° 47' 22.56" W	91° 47' 22.56" W		91° 47' 55.65" W		91° 47' 10.57" W

AIRPORT DATA - NAVD 83		
ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	1232.0'	1232.0'
AIRPORT REFERENCE POINT (ARP)	42° 59' 06.32" N 91° 47' 26.18" W	42° 59' 11.87" N 91° 47' 26.17" W
MEAN MAX. TEMPERATURE	80.5°F	80.5°F
AIRPORT NAVAIDS	GPS/VOR	GPS/VOR
ROTATING BEACON	YES	YES
SEGMENTED CIRCLE		
LIGHTED WIND INDICATOR	YES	YES
AIRPORT REFERENCE CODE	B-1 (SMALL)	B-1 (SMALL)

BUILDING IDENTIFICATION	
I.D.	DESCRIPTION
1	EXISTING/ULTIMATE TERMINAL BUILDING
2	EXISTING TEE HANGAR
3	80' X 100' CONVENTIONAL HANGAR
4	ULTIMATE 6-UNIT TEE HANGAR

SURVEY CONTROL AND RUNWAY DOCUMENTATION					
WGS84 COORDINATES (NAD83)			NAVD 88		
PID	DEGREES	MINUTES	SECONDS	DATUM: US SURVEY FEET	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 E SUMMER ST AND 1' W OF PINK STATE HARN SURVEY SIGN.



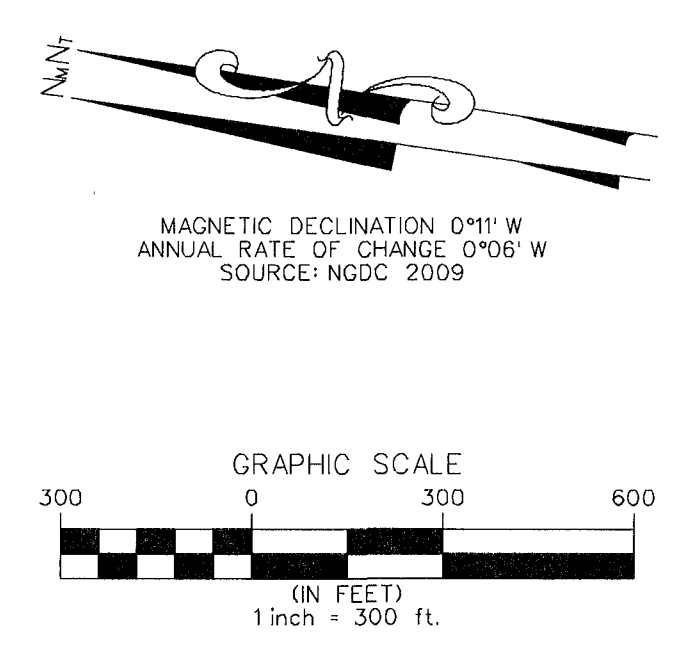
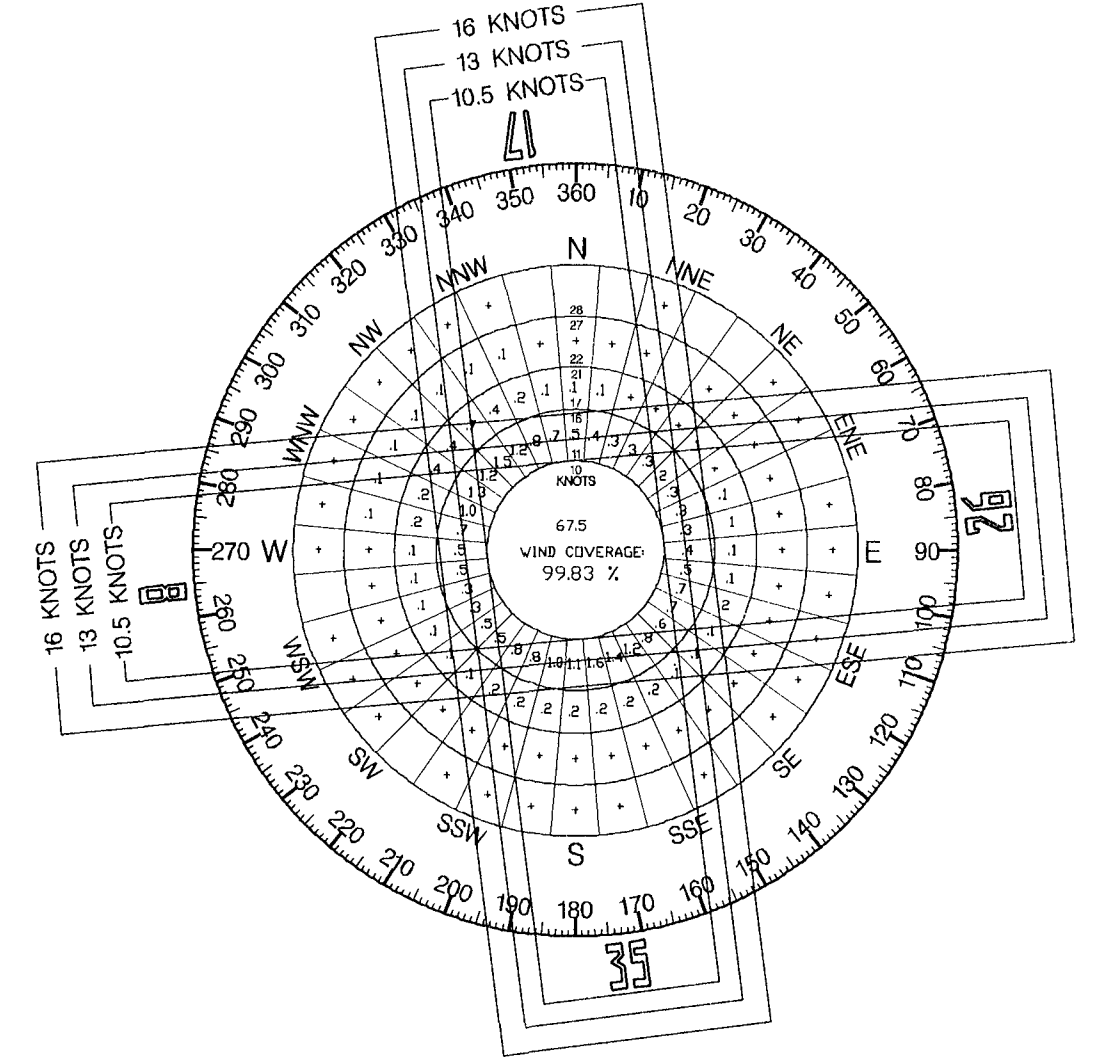
RUNWAY DATA TABLE						
ITEM	RUNWAY 17/35		RUNWAY 08/26		ULTIMATE	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
APPROACH CATEGORY - DESIGN GROUP	B-1 (SMALL)	B-1 (SMALL)	A-1 (SMALL)	A-1 (SMALL)	A-1 (SMALL)	A-1 (SMALL)
RUNWAY LENGTH x WIDTH	4248'x60'	4148'x60'	2900'x120'	2900'x120'	2900'x120'	2900'x120'
MAXIMUM ELEVATION ABOVE MSL	1232.0	1232.0	1207.3	1207.3	1207.3	1207.3
RUNWAY MARKINGS	NP	NP	NONE	NONE	NONE	NONE
RUNWAY LIGHTING	MIRL	MIRL	MIRL	MIRL	MIRL	MIRL
PAVEMENT MATERIAL	PCC	PCC	TURF	TURF	TURF	TURF
PAVEMENT STRENGTH (SW)	28,000 LBS	28,000 LBS	N/A	N/A	N/A	N/A
RUNWAY SAFETY AREA (RSA) LENGTH x WIDTH	4728'x120'	4628'x120'	3380'x120'	3380'x120'	3380'x120'	3380'x120'
RUNWAY OBJECT FREE AREA (ROFA) LENGTH x WIDTH	4728'x400'	4628'x400'	3380'x400'	3380'x400'	3380'x400'	3380'x400'
RUNWAY OBSTACLE FREE ZONE (ROFZ) LENGTH x WIDTH	4648'x250'	4548'x250'	3300'x250'	3300'x250'	3300'x250'	3300'x250'
TAXIWAY WIDTH	25'	25'	25'	25'	25'	25'
TAXIWAY LIGHTING	MITL	MITL	MITL	MITL	MITL	MITL
APPROACH TYPE	17 (ANP)	35 (ANP)	17 (ANP)	35 (ANP)	8 (A(V))	26 (A(V))
APPROACH SURFACE SLOPE	20:1	20:1	20:1	20:1	20:1	20:1
PERCENT EFFECTIVE GRADIENT	-0.3%	+0.3%	-0.3%	+0.3%	+0.1%	-0.1%
ELECTRONIC AIDS	GPS	GPS	GPS	GPS	NONE	NONE
VISUAL APPROACH AIDS	PAPI	PAPI	PAPI	PAPI	NONE	NONE
APPROACH VISIBILITY MINIMUMS	1-MILE	1-MILE	1-MILE	1-MILE	NONE	NONE
TOUCHDOWN ZONE ELEVATION	1232	1195	1232	1195	1292	1203
TAKEOFF RUN AVAILABLE (TORA)	4248	4248	4148	4148	2900	2900
TAKEOFF DISTANCE AVAILABLE (TODA)	4248	4248	4148	4148	2900	2900
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	4248	4248	4148	4148	2900	2900
LANDING DISTANCE AVAILABLE (LDA)	4248	4248	4148	4148	2900	2900

CONDITIONAL APPROVAL

The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated November 8, 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.

[Signature]
 Airport Planning Engineer
 FAA Central Region
 Date: 11/8/12

- NOTES:
- THERE ARE NO MODIFICATIONS TO DESIGN.
 - THERE ARE NO OBJECT FREE ZONE PENETRATIONS.
 - THERE ARE NO THRESHOLD SITING SURFACE PENETRATIONS.



REVISION BLOCK NUMBER	DATE	DESCRIPTION

APPROVED BY: *[Signature]*
 DATE APPROVED: 11/12

PROJECT: GEORGE L. SCOTT MUNICIPAL AIRPORT - WEST UNION, IOWA
 TITLE: AIRPORT LAYOUT PLAN

SNYDER & ASSOCIATES 2727 S.W. SNYDER BLVD. ANKENY, IOWA 50023 515-984-2020

PLN: JLS
 CK: JLS
 DR: CMW
 DATE: 7-2009

PROJECT NO. 109.0162
 SHEET D-3148 2 OF 12