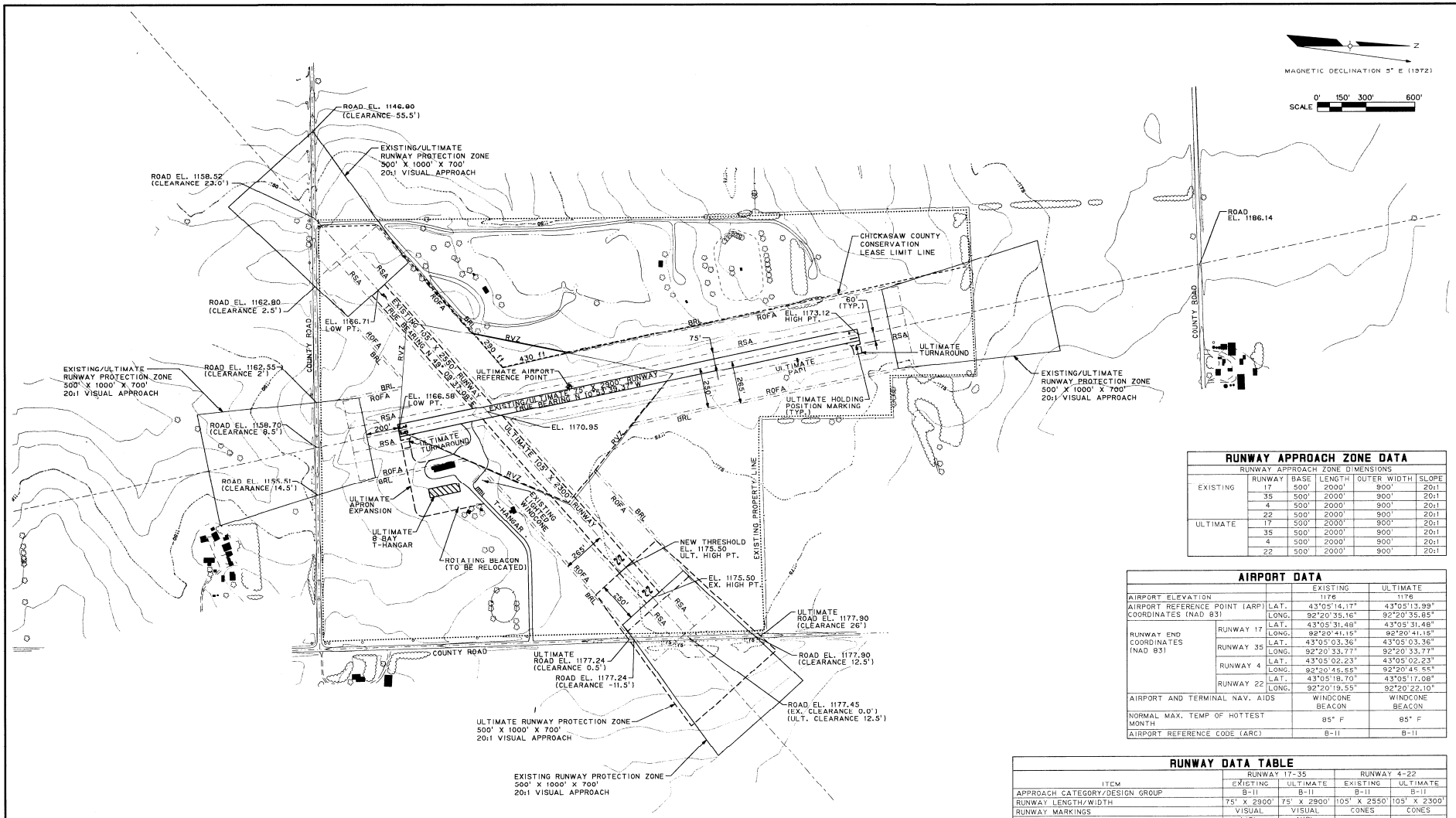

RUNWAY APPROACH ZONE DATA

RUNWAY APPROACH ZONE DIMENSIONS					
	RUNWAY	BASE	LENGTH	OUTER WIDTH	SLOPE
EXISTING	17	500'	2000'	900'	20:1
	35	500'	2000'	900'	20:1
	4	500'	2000'	900'	20:1
	22	500'	2000'	900'	20:1
ULTIMATE	17	500'	2000'	900'	20:1
	35	500'	2000'	900'	20:1
	4	500'	2000'	900'	20:1
	22	500'	2000'	900'	20:1

AIRPORT DATA

			EXISTING	ULTIMATE
AIRPORT ELEVATION			1176	1176
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)		LAT.	43°05'14.17"	43°05'13.99"
		LONG.	92°20'35.16"	92°20'35.85"
RUNWAY END COORDINATES (NAD 83)	RUNWAY 17	LAT.	43°05'31.48"	43°05'31.48"
		LONG.	92°20'41.15"	92°20'41.15"
	RUNWAY 35	LAT.	43°05'03.36"	43°05'03.36"
		LONG.	92°20'33.77"	92°20'33.77"
	RUNWAY 4	LAT.	43°05'02.23"	43°05'02.23"
		LONG.	92°20'45.55"	92°20'45.55"
	RUNWAY 22	LAT.	43°05'18.70"	43°05'17.08"
		LONG.	92°20'19.55"	92°20'22.10"
AIRPORT AND TERMINAL NAV. AIDS			WINDCONE BEACON	WINDCONE BEACON
NORMAL MAX. TEMP OF HOTTEST MONTH			85° F	85° F
AIRPORT REFERENCE CODE (ARC)			B-II	B-II

RUNWAY DATA TABLE

ITEM	RUNWAY 17-35				RUNWAY 4-22			
	EXISTING		ULTIMATE		EXISTING		ULTIMATE	
APPROACH CATEGORY/DESIGN GROUP	B-II		B-II		B-II		B-II	
RUNWAY LENGTH/WIDTH	75' X 2900'		75' X 2900'		105' X 2550'		105' X 2300'	
RUNWAY MARKINGS	VISUAL		VISUAL		CONES		CONES	
RUNWAY LIGHTING	LIRL		MIRL		—		—	
PAVEMENT MATERIAL	ASPHALT		ASPHALT		TURF		TURF	
PAVEMENT STRENGTH (000)	12.5 (S)		12.5 (S)		—		—	
RUNWAY SAFETY AREA (RSA) LENGTH	3500'		3500'		3150'		2900'	
RUNWAY SAFETY AREA (RSA) WIDTH	150'		150'		150'		150'	
RUNWAY OBJECT FREE AREA (OFA) LENGTH	3500'		3500'		3150'		2900'	
RUNWAY OBJECT FREE AREA (OFA) WIDTH	500'		500'		500'		500'	
OBSTACLE FREE ZONE (OFZ) LENGTH	3300'		3300'		2950'		2700'	
OBSTACLE FREE ZONE (OFZ) WIDTH	250'		250'		250'		250'	
TAXIWAY WIDTH	—		—		—		—	
TAXIWAY LIGHTING	—		—		—		—	
	17	35	17	35	4	22	4	22
APPROACH SURFACE SLOPE	20:1	20:1	20:1	20:1	20:1	20:1	20:1	20:1
ELECTRONIC AIDS	—	—	—	—	—	—	—	—
VISUAL APPROACH AIDS	—	—	PAPI-2	—	—	—	—	—
APPROACH VISIBILITY MINIMUMS	≥1mi.	≥1mi.	≥1mi.	≥1mi.	≥1mi.	≥1mi.	≥1mi.	≥1mi.
TOUCHDOWN ZONE ELEVATION	1173	1171	1173	1171	1176	1171	1176	1171
TAKEOFF RUN AVAILABLE (TORA)	2900'	2900'	2900'	2900'	2950'	2950'	2700'	2700'
TAKEOFF DISTANCE AVAILABLE (TODA)	2900'	2900'	2900'	2900'	2950'	2950'	2700'	2700'
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	2900'	2900'	2900'	2900'	2950'	2950'	2700'	2700'
LANDING DISTANCE AVAILABLE (LDA)	2900'	2900'	2900'	2900'	2950'	2950'	2700'	2700'

LEGEND

	EXISTING	ULTIMATE
PROPERTY LINE		
SECTION LINE		
EXISTING BUILDINGS		
TREES		
FENCE		
CONTOUR	1175	1175
GRAVEL AREA		
AIRPORT PAVEMENT		
SOD LANDING STRIP		
RUNWAY SAFETY AREA	RSA	RSA
RUNWAY OBJECT FREE AREA	ROFA	ROFA
RUNWAY VISIBILITY ZONE	RVZ	RVZ
BUILDING RESTRICTION LINE	BRL	BRL
LEASE LIMIT LINE		

NOTE:

BRL DEPICTED ON THE ALP IS THE MOST DEMANDING OF EITHER THE TAXIWAY OBJECT FREE AREA OR ANY AREA WITH LESS THAN 20 FEET OF CLEARANCE UNDER THE APPLICABLE FAR PART 77 SURFACE. THE BRL ENCOMPASSES THE RPZ.

MODIFICATION OF DESIGN STANDARDS

APPROVAL DATE	AIRSPACE CASE NO.	STANDARD MODIFIED	DESCRIPTION
	NO MODIFICATIONS	ARE REQUIRED	

NO	REVISIONS	DRN	CHK	DATE

DES MOINES
DRN MJJ
DES DBH
CHK
APP SJE

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AIRPORT LAYOUT PLAN UPDATE
NEW HAMPTON MUNICIPAL AIRPORT
NEW HAMPTON, IOWA

AIRPORT LAYOUT PLAN

DATE AUG. 14, 1998
PROJECT NO 50924.000
FILENAME
SHEET NO
DRAWING NO 2

USER: Michael J. Johnson
FILE: \\RDSMS01\JOBS\50924\DWG\ALP\ALP.DWG (version 9)
PRF: \\RDSMS01\JOBS\50924\DWG\ALP\ALP.PRF
DATE: Tue Dec 8 10:10:08 1998
DIR: \\RDSMS01\JOBS\50924\DWG\ALP