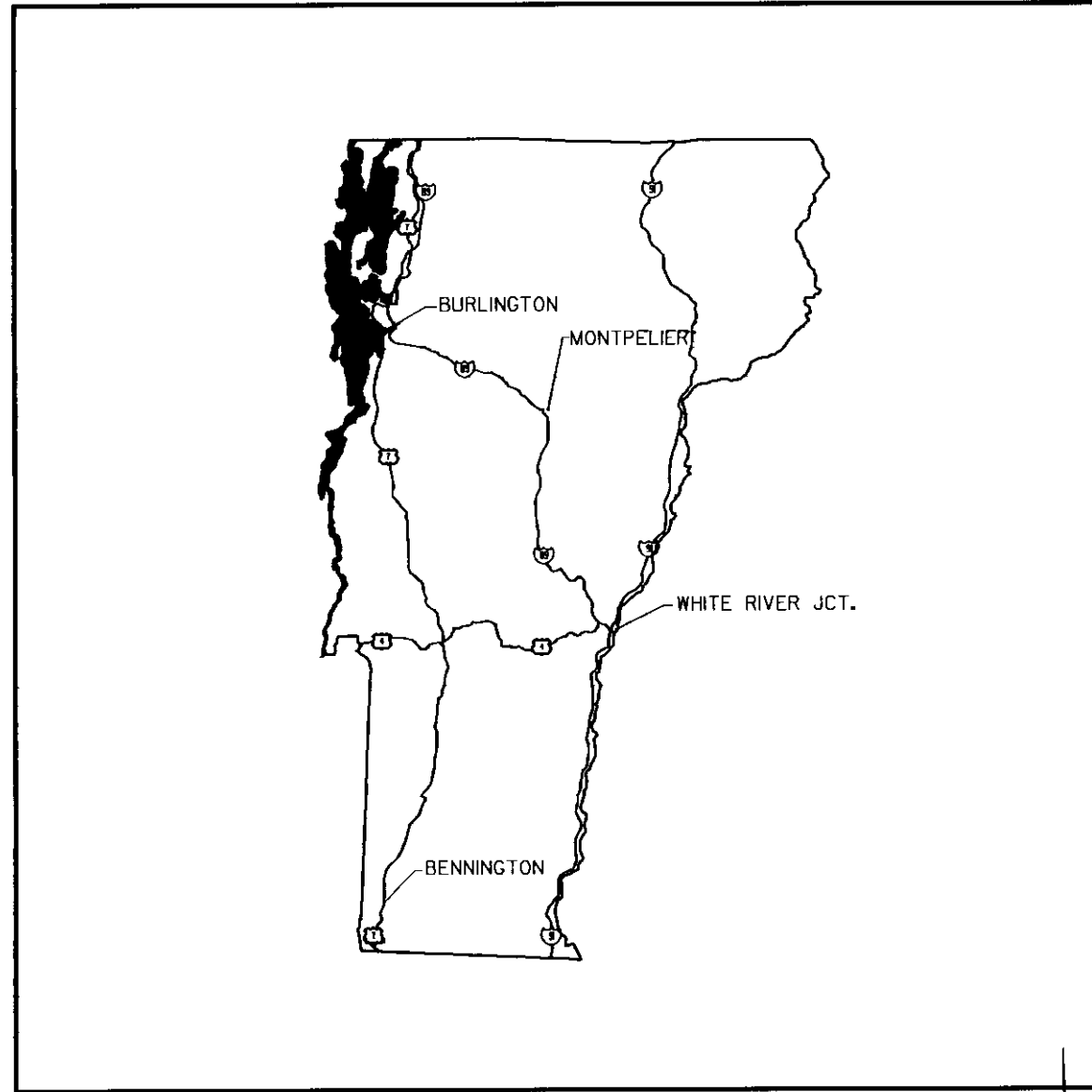
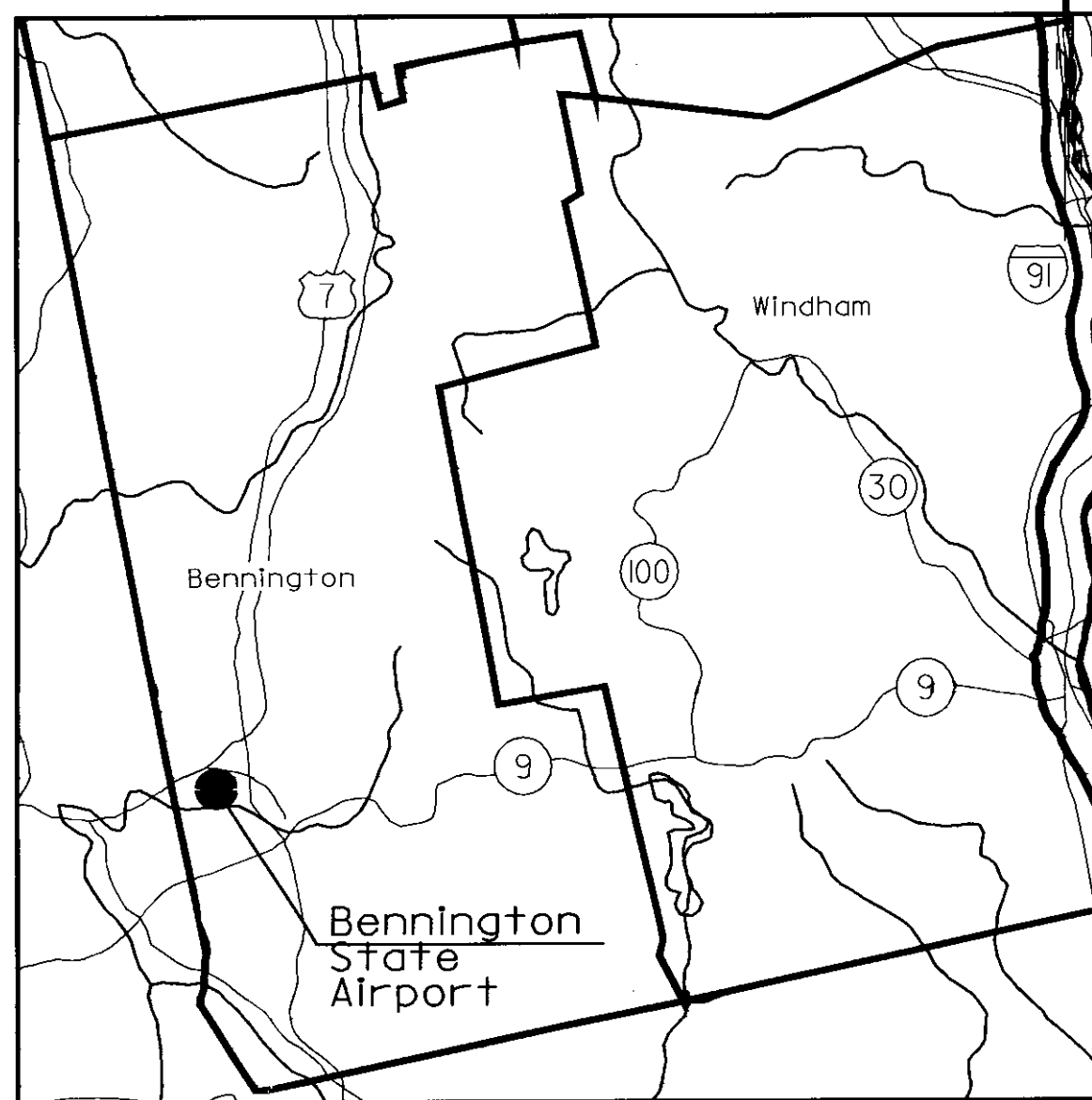


# AIRPORT LAYOUT PLAN UPDATE

## WILLIAM H. MORSE STATE AIRPORT BENNINGTON, VERMONT



LOCATION MAP



VICINITY MAP

MAY 2000

SHEET	TITLE
1	COVERSHEET
2	EXISTING ALP
3	ULTIMATE ALP
4	TERMINAL AREA PLAN
5	PLAN & PROFILE
6	FAR PART 77
7	LAND USE PLAN

INDEX OF SHEETS



OFFICES:  
 No. Springfield, Vermont  
 Montpelier, Vermont  
 Manchester, New Hampshire  
 Portland, Maine  
 Westford, Massachusetts  
 Greenfield, Massachusetts  
 Boston, Massachusetts  
 Port Charlotte, Florida  
 Sarasota, Florida  
 Naples, Florida  
 Saratoga Springs, New York  
 Webster-Martin division  
 So. Burlington, Vermont

ENGINEERING DISCIPLINES  
 Civil  
 Electrical  
 Environmental  
 Industrial  
 Mechanical  
 Solid Waste  
 Structural  
 Transportation  
 Wastewater  
 Water

ASSOCIATED DISCIPLINES  
 Construction Management  
 Site Assessments  
 Surveying

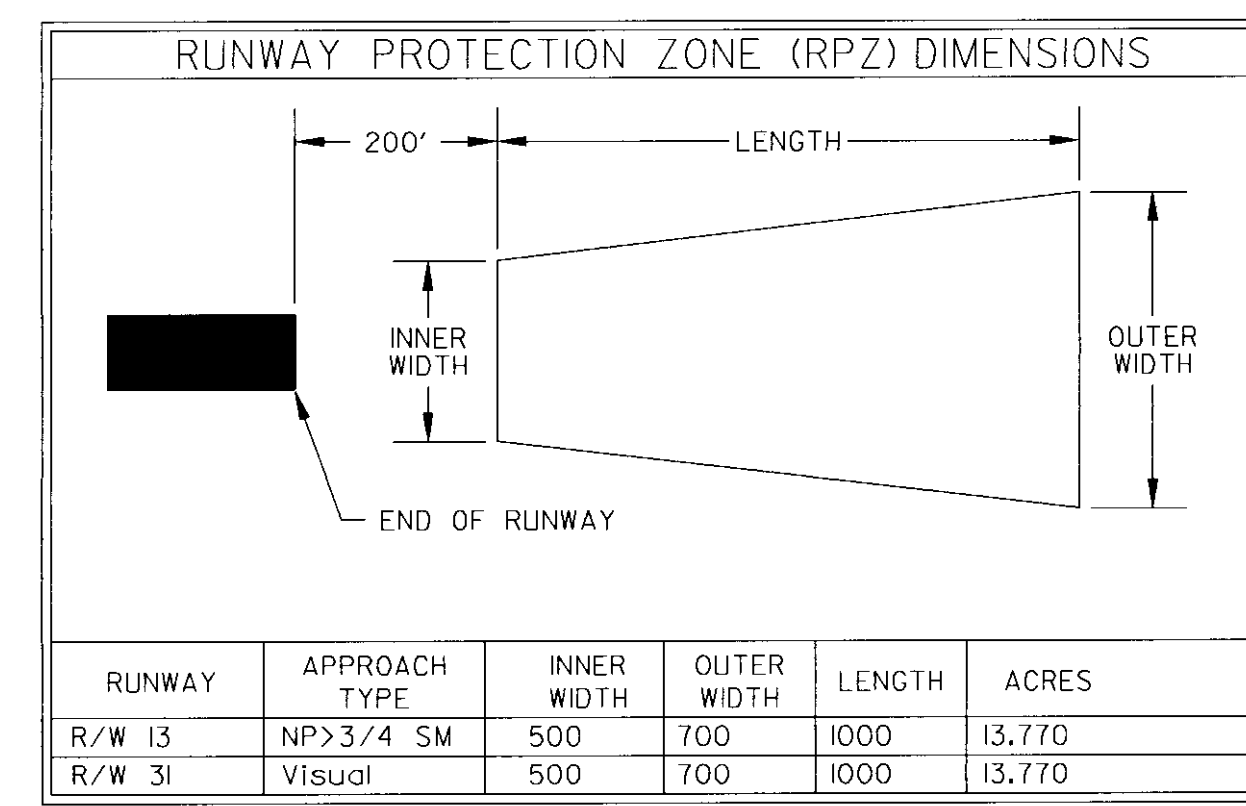
APPLIED SCIENCES  
 Geologic  
 Hydrologic  
 Water Quality

AIRPORT DATA	EXISTING
AIRPORT ELEVATION	827
AIRPORT REFERENCE POINT	42° 53' 29" N 73° 14' 47" W
MEAN MAX. TEMP. (HOTTEST MO.)	80° F
TAXIWAY LIGHTING	--
TAXIWAY MARKING	--
AIRPORT/TERRAIN NAV AIDS	GPS/VOR
AIRPORT REFERENCE CODE (ARC)	B-II
ACREAGE OWNED IN FEE SIMPLE	207
ACREAGE OWNED IN EASEMENT	84
USE/OWNERSHIP	General Aviation/State

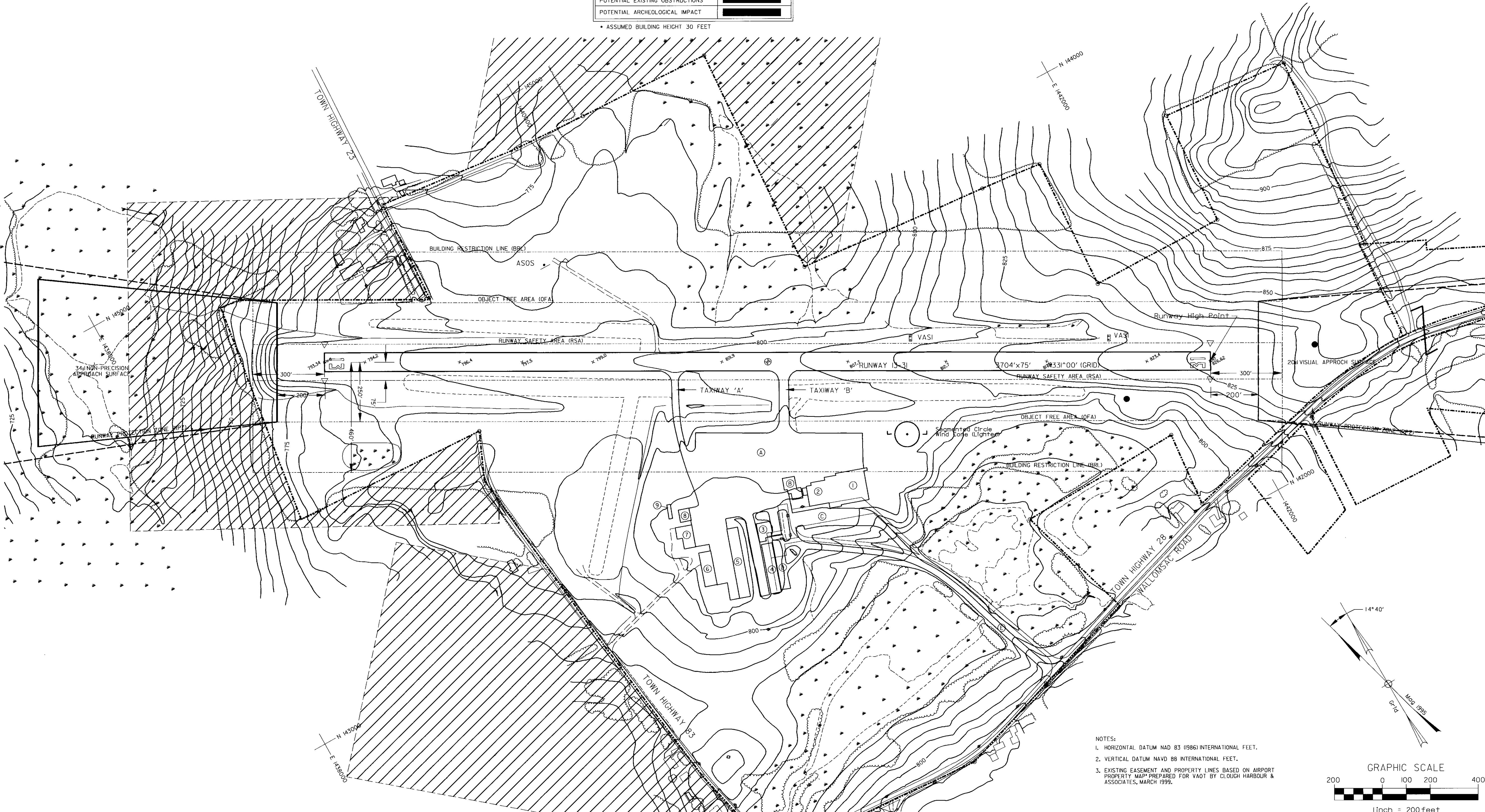
EXISTING	BUILDINGS
①	Alr New Hangar
②	Alr New Hangar
③	Willar Van Warfmer Hangar
④	Condo Hangars (5 Aircraft)
⑤	Condo Hangars (7 Aircraft)
⑥	Abacus Automation Hangar (3 Aircraft)
⑦	Bennington Iron Works Hangar
⑧	Green Hangar - Storage (2 Aircraft)
⑨	Ground School Trailer
EXISTING TERMINAL AREA PAVEMENT	
Ⓐ	Main Apron
Ⓑ	Fuel Apron
Ⓒ	Main Auto Parking
Ⓓ	Long Term Auto Parking
Ⓔ	Access Road

LEGEND	EXISTING
GROUND CONTOUR	— 80 —
AIRPORT PROPERTY	—
AVIGATION EASEMENT	▨
BUILDING RESTRICTION LINE (BRL) *	—
PART 77 APPROACH SURFACE	—
OBJECT FREE AREA (OFA)	—
RUNWAY SAFETY AREA (RSA)	—
RUNWAY SAFETY AREA IMPROVEMENTS	N/A
RUNWAY PROTECTION ZONE (RPZ)	—
TREE LINE	—
SECURITY FENCE	—
AIRPORT REFERENCE POINT	⊙
SWALE/DITCH	—
R/W END IDENTIFIER LIGHTS (REIL)	▶
WETLAND BOUNDARY	■
UNIMPROVED ROADWAYS	—
PAVEMENT	—
AIRPORT BUILDINGS	—
POTENTIAL EXISTING OBSTRUCTIONS	■
POTENTIAL ARCHEOLOGICAL IMPACT	■

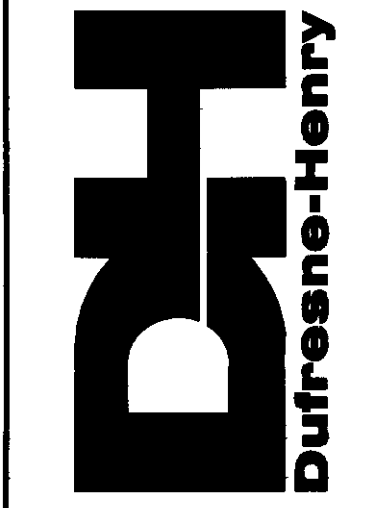
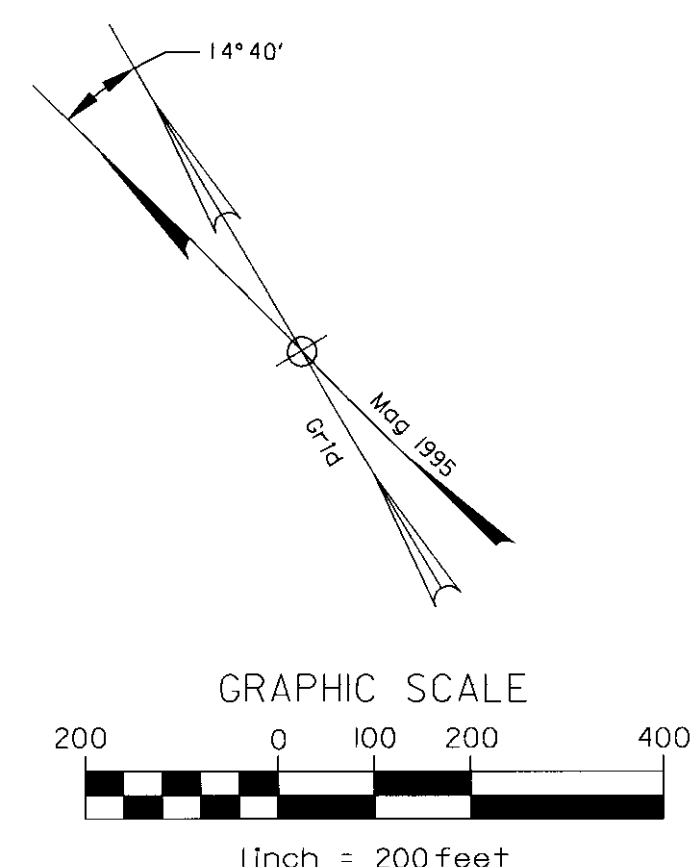
\* ASSUMED BUILDING HEIGHT 30 FEET



RUNWAY DATA	EXISTING
PAVEMENT STRENGTH	I3 12,500 SW I31 12,500 SW
APPROACH SURFACES	Non-Precision 34ft Visual 20ft
RUNWAY MARKINGS	Visual Visual
RUNWAY LIGHTING	MIRL MIRL
RUNWAY NAV AIDS	GPS VOR/GPS-A VOR/GPS-A
EFFECTIVE GRADIENT	0.9%
RUNWAY END ELEVATIONS	793.34 826.62
RUNWAY END COORDINATES	N 42° 53' 37" W 73° 18' 09" N 42° 53' 20" W 73° 14' 25"
RUNWAY LENGTH	3704' 3704'
RUNWAY WIDTH	75' 75'
EXTENDED RSA COMPLIANCE	NO YES



NOTES:  
 1. HORIZONTAL DATUM NAD 83 (1986) INTERNATIONAL FEET.  
 2. VERTICAL DATUM NAVD 88 INTERNATIONAL FEET.  
 3. EXISTING EASEMENT AND PROPERTY LINES BASED ON AIRPORT PROPERTY MAP PREPARED FOR VAOT BY CLOUGH HARBOUR & ASSOCIATES, MARCH 1999.



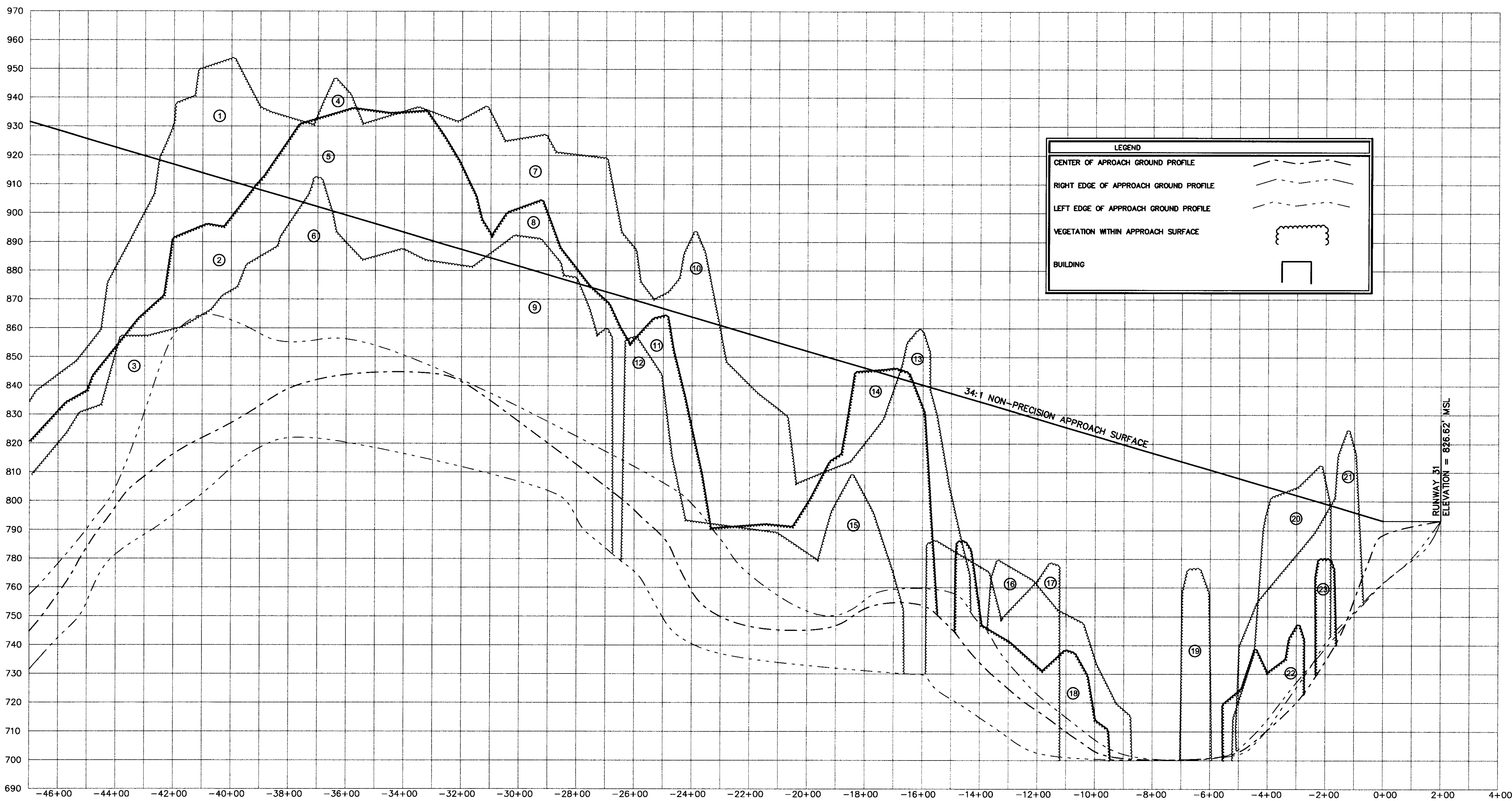
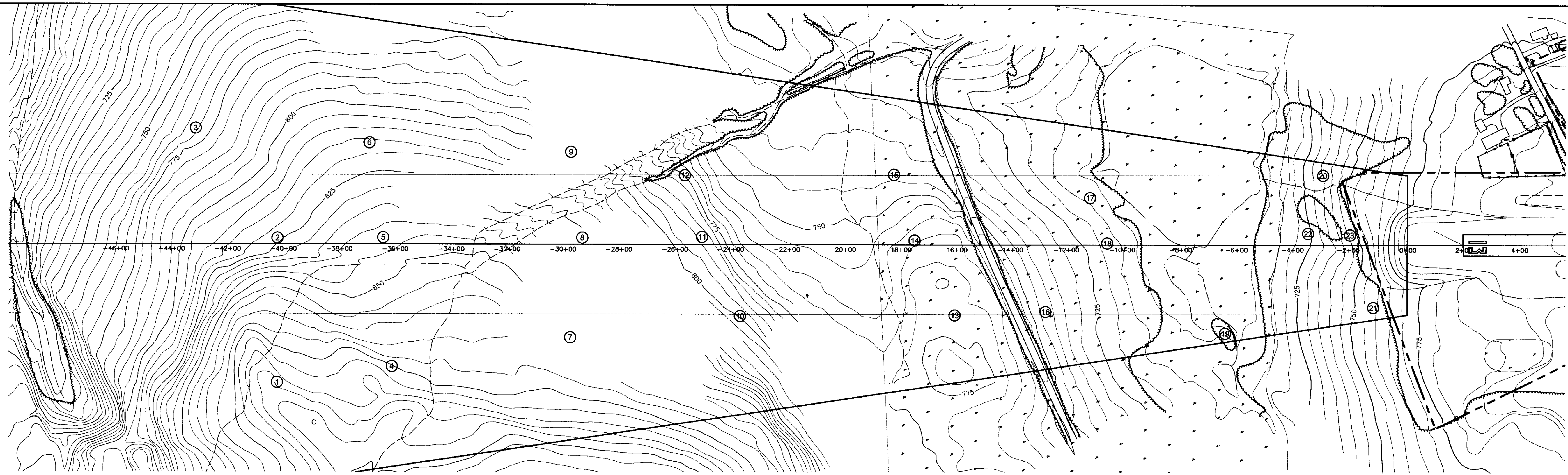
Rev.	Description	By	Date

WILLIAM H. MORSE STATE AIRPORT  
 EXISTING AIRPORT LAYOUT PLAN  
 BENNINGTON VERMONT

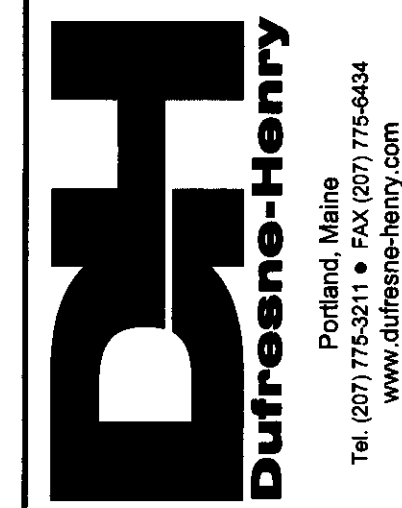
Project No.	8190014
Proj. Manager	MC
Proj. Designer	JMW
Drawn By	GPR
Checked By	MS
Scale	1"=200'
Approved	
Date	11-5-99







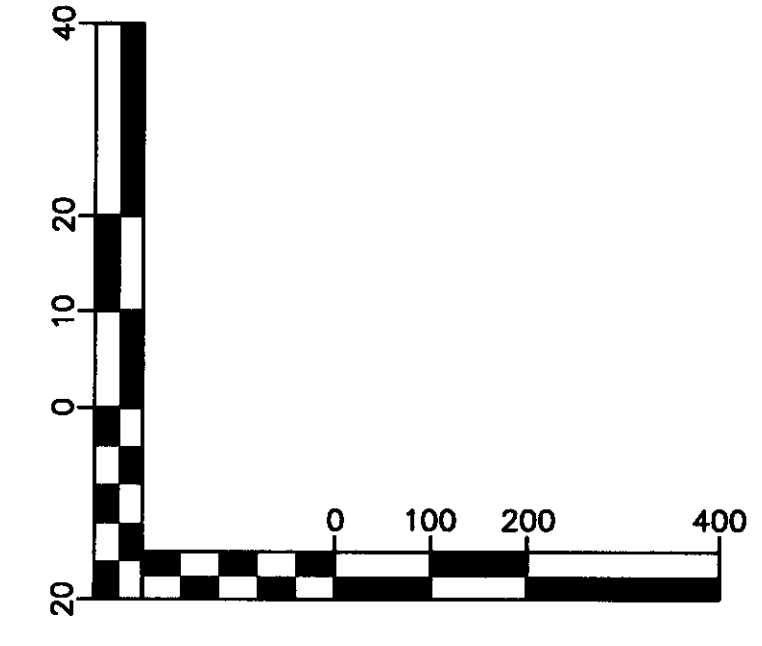
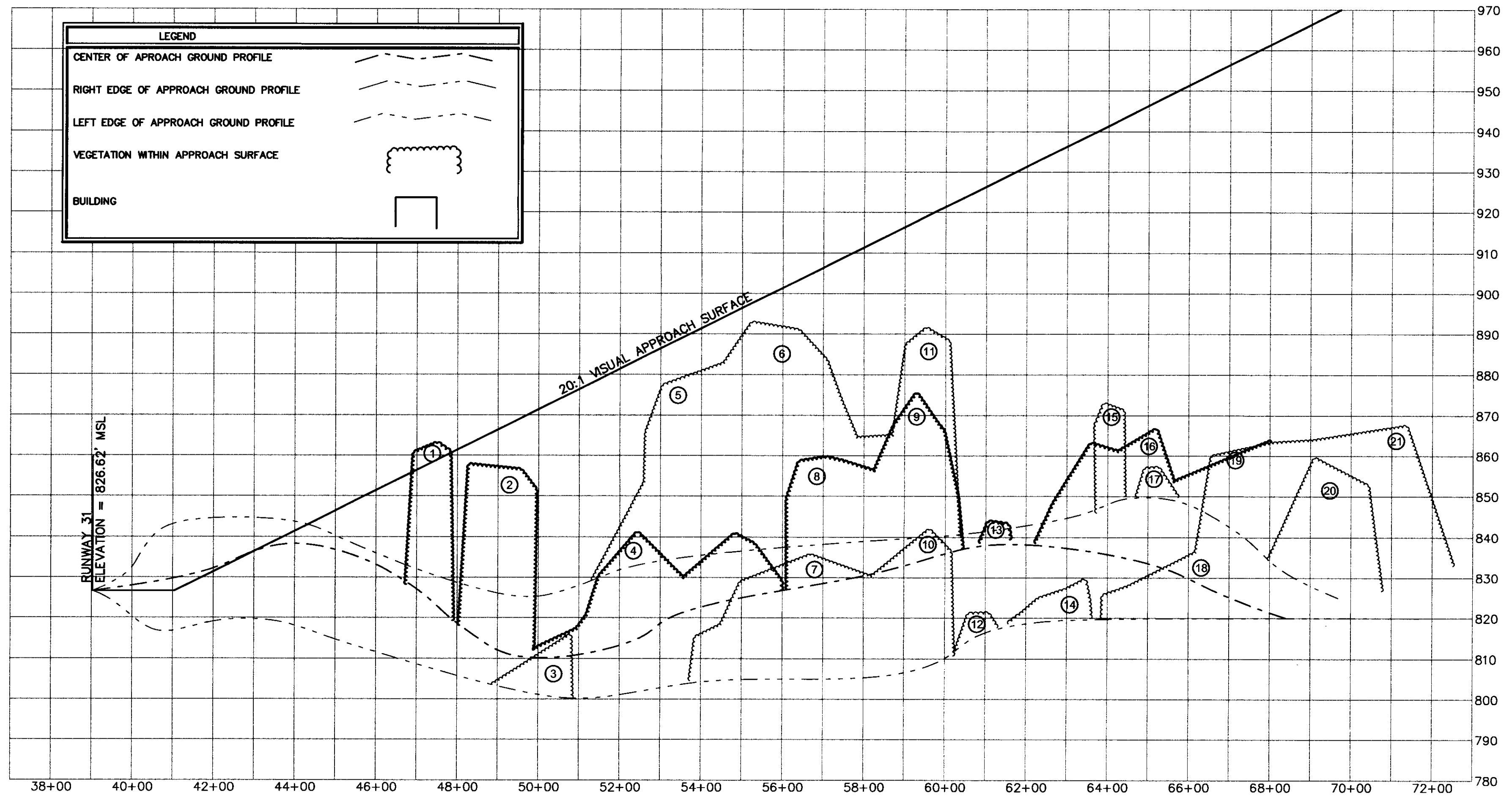
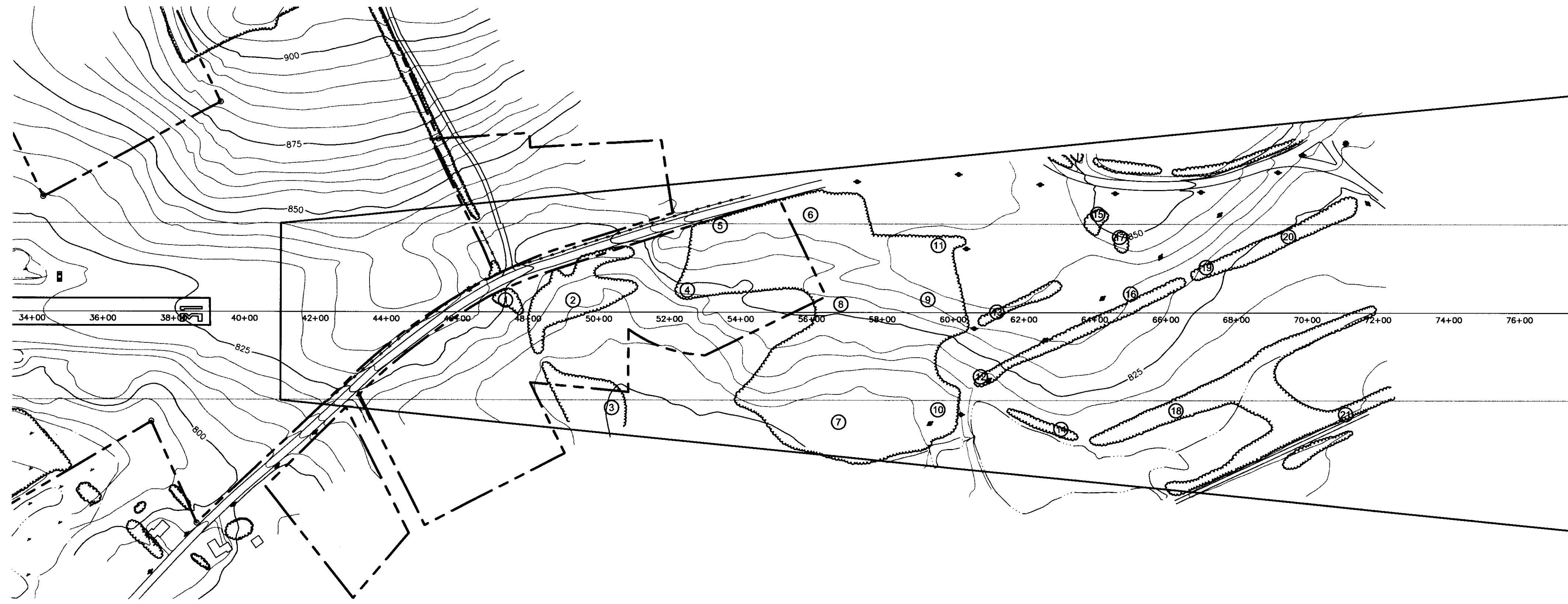
LEGEND	
CENTER OF APPROACH GROUND PROFILE	---
RIGHT EDGE OF APPROACH GROUND PROFILE	- · - · -
LEFT EDGE OF APPROACH GROUND PROFILE	·····
VEGETATION WITHIN APPROACH SURFACE	⌘
BUILDING	□



Rev.	Description	By	Date

BENNINGTON STATE AIRPORT  
**RUNWAY 13**  
**FAR PART 77 PLAN AND PROFILE**  
 VERMONT

Project No.	8180014
Proj. Manager	JW
Proj. Designer	MS
Drawn By	JW
Checked By	JW
Scale	1" = 200'
Approved	DCD
Date	05/00



BENNINGTON STATE AIRPORT




**RUNWAY 31  
FAR PART 77 IPLAN AND PROFILE**

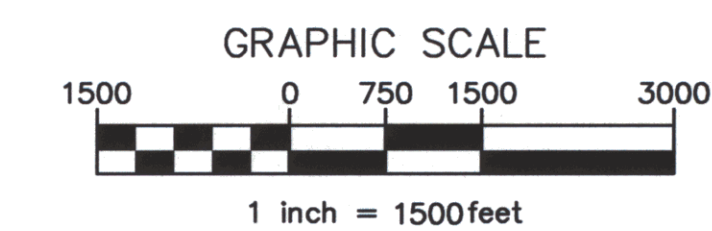
BENNINGTON

Project No.	8190014
Proj. Manager	JW
Proj. Designer	MS
Drawn By	MS
Checked By	JW
Scale	1" = 20'
Approved	DCD
Date	08/20

Rev.	Description	By	Date



LEGEND	
	TREE PENETRATION AREA
	GROUND PENETRATION AREA
	F.A.R. PART 77 SURFACES



BENNINGTON STATE AIRPORT

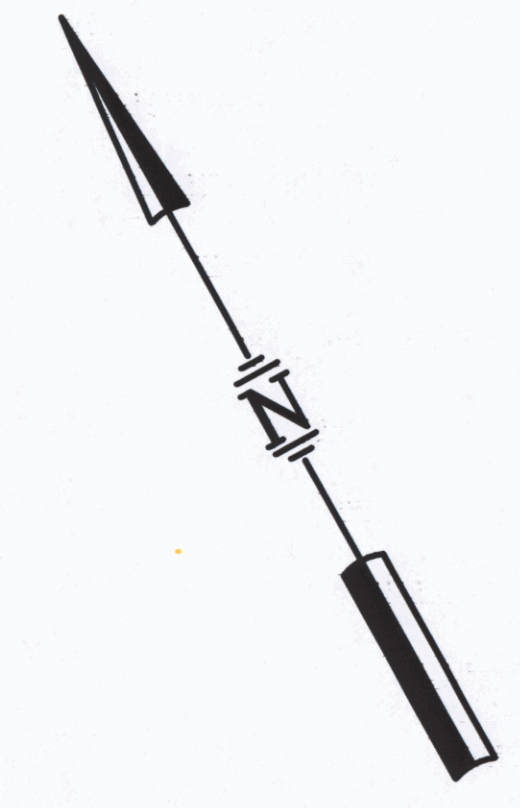
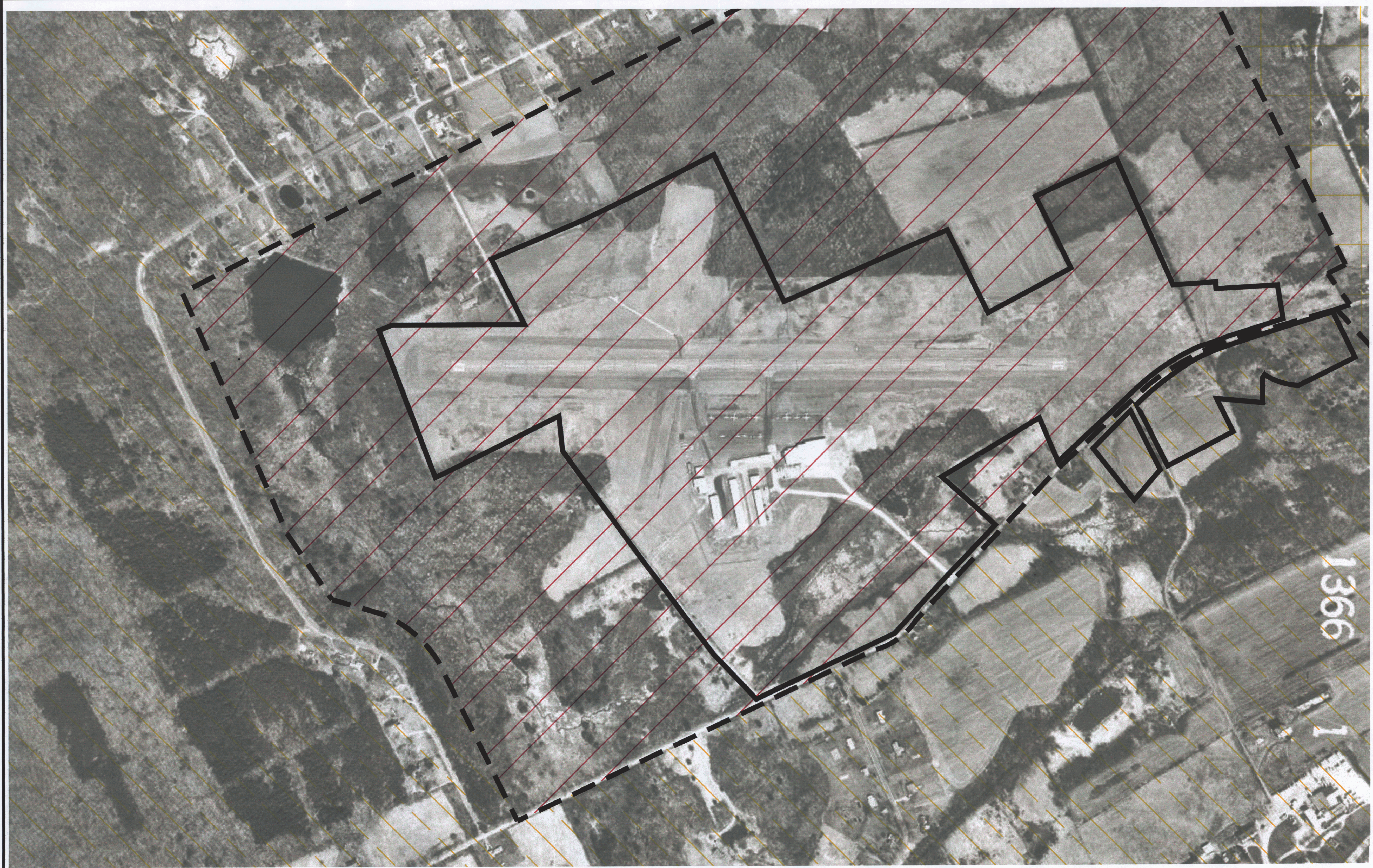
FAR PART 77 IMAGINARY SURFACES PLAN

BENNINGTON





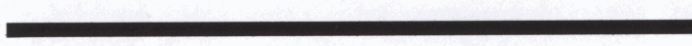
VERMONT

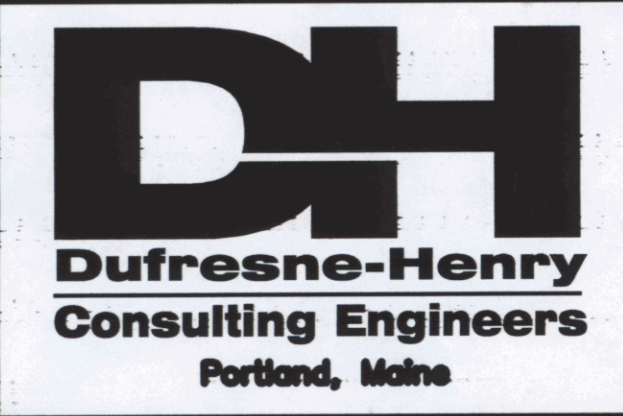
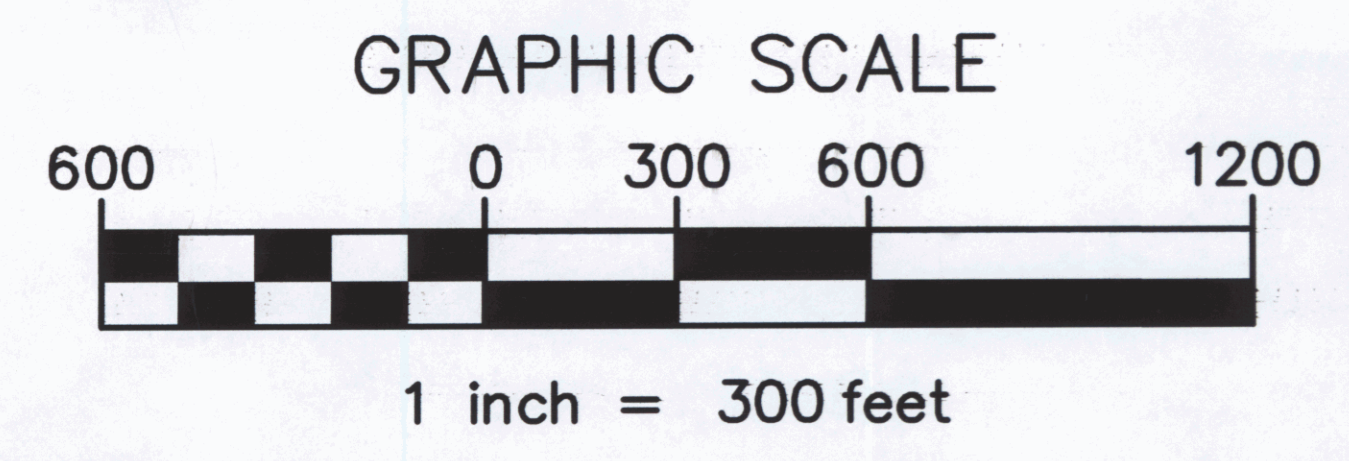
Project No.	8190014
Proj. Manager	JW
Proj. Designer	MS
Drawn By	JW
Checked By	JW
Scale	1" = 1500'
Approved	DCD
Date	01/00

Rev.	Description	By	Date



**LEGEND**

- AP PLANNED AIRPORT  

- RCON RURAL CONSERVATION  

- RR RURAL RESIDENTIAL  

- ZONING BOUNDARY  

- AIRPORT PROPERTY LINE  




WILLIAM H. MORSE STATE AIRPORT

**FIGURE 6-1  
ZONING MAP**

BENNINGTON

VERMONT

Project No.	8190014
Proj. Mgr.	MLC
Scale	1"=300'
Date	04/14/00
B	7a of 7