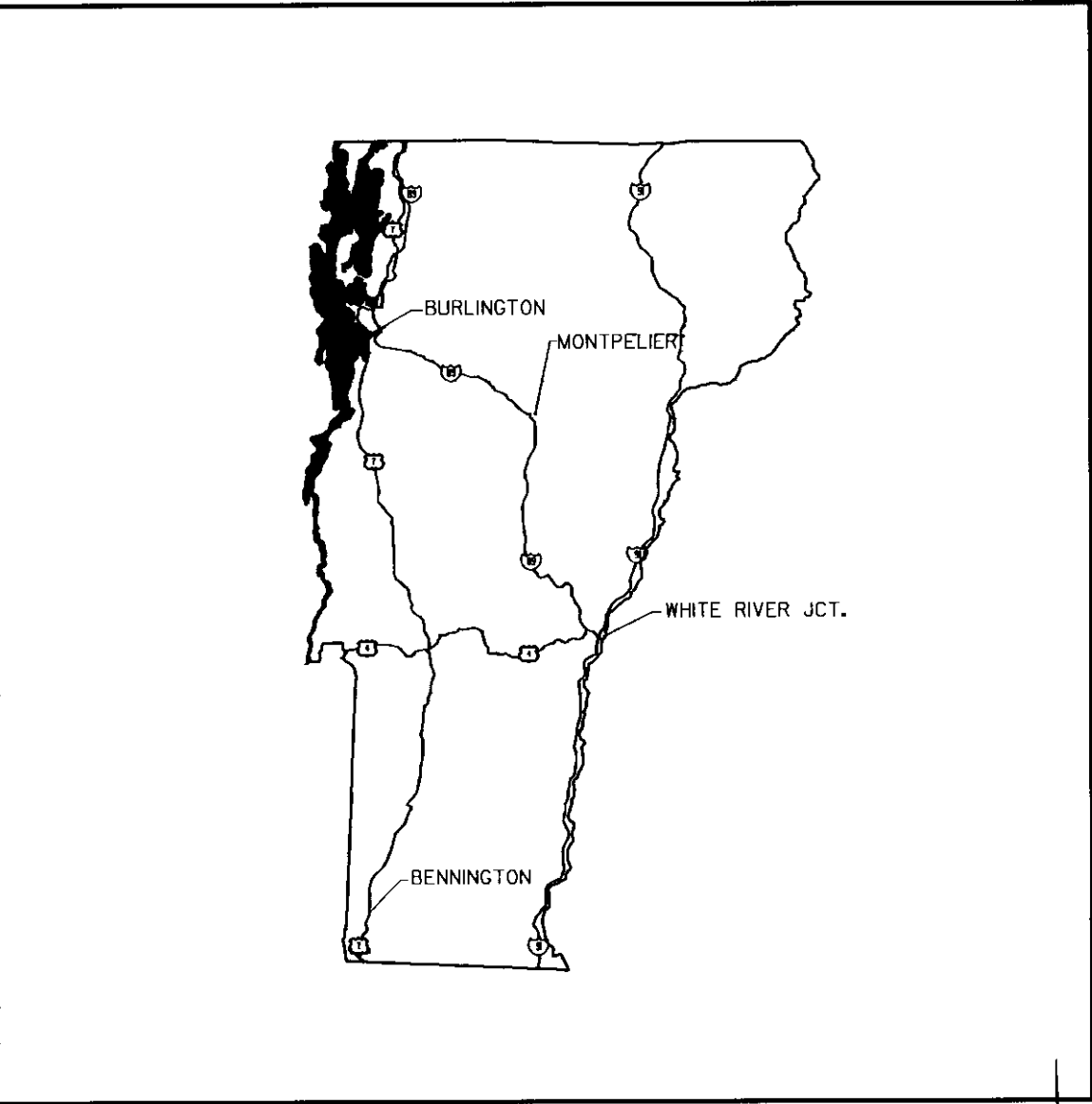
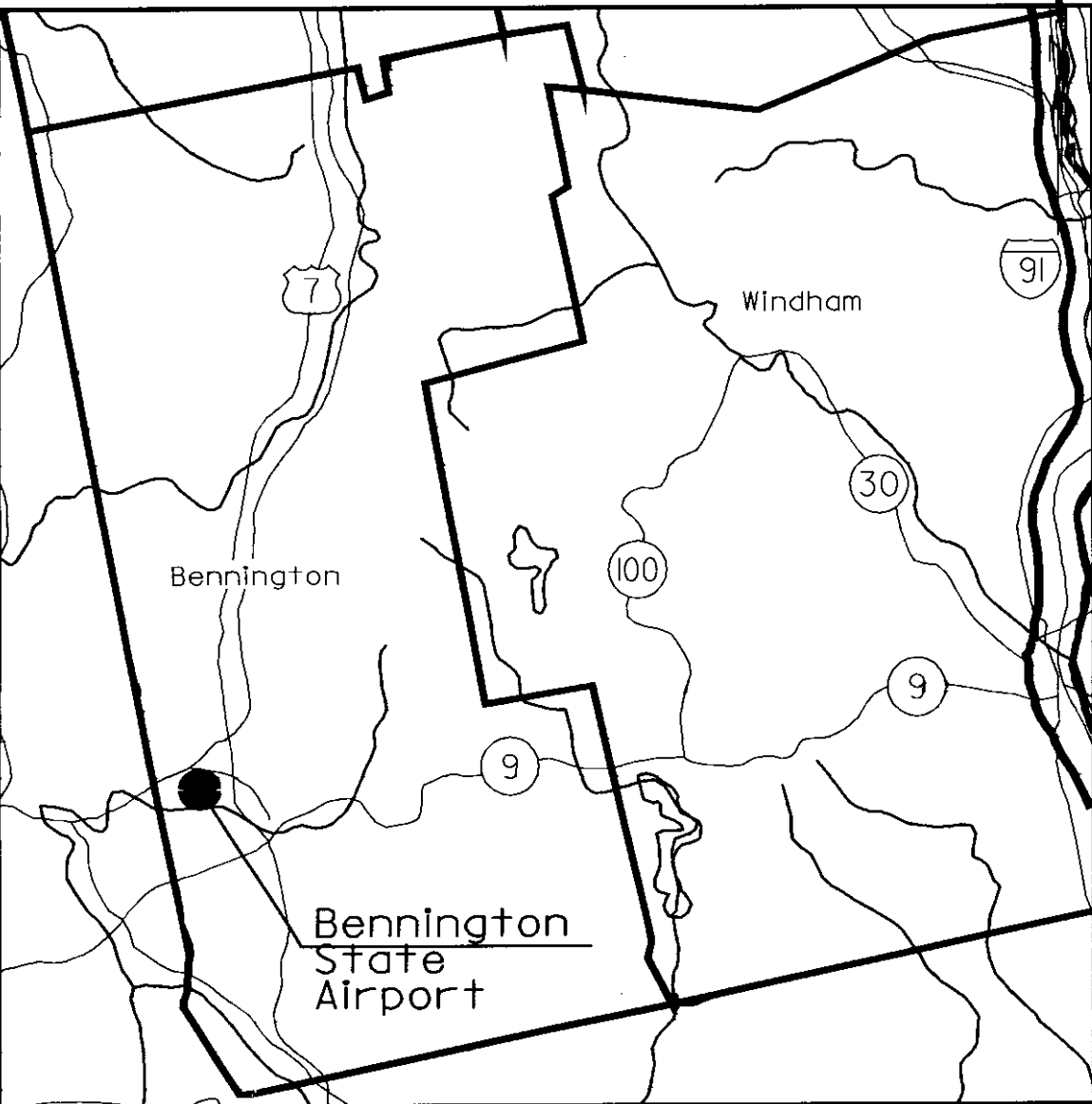




LOCATION MAP



VICINITY MAP

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

AIRPORT LAYOUT PLAN UPDATE

WILLIAM H. MORSE STATE AIRPORT BENNINGTON, VERMONT

MAY 2000



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

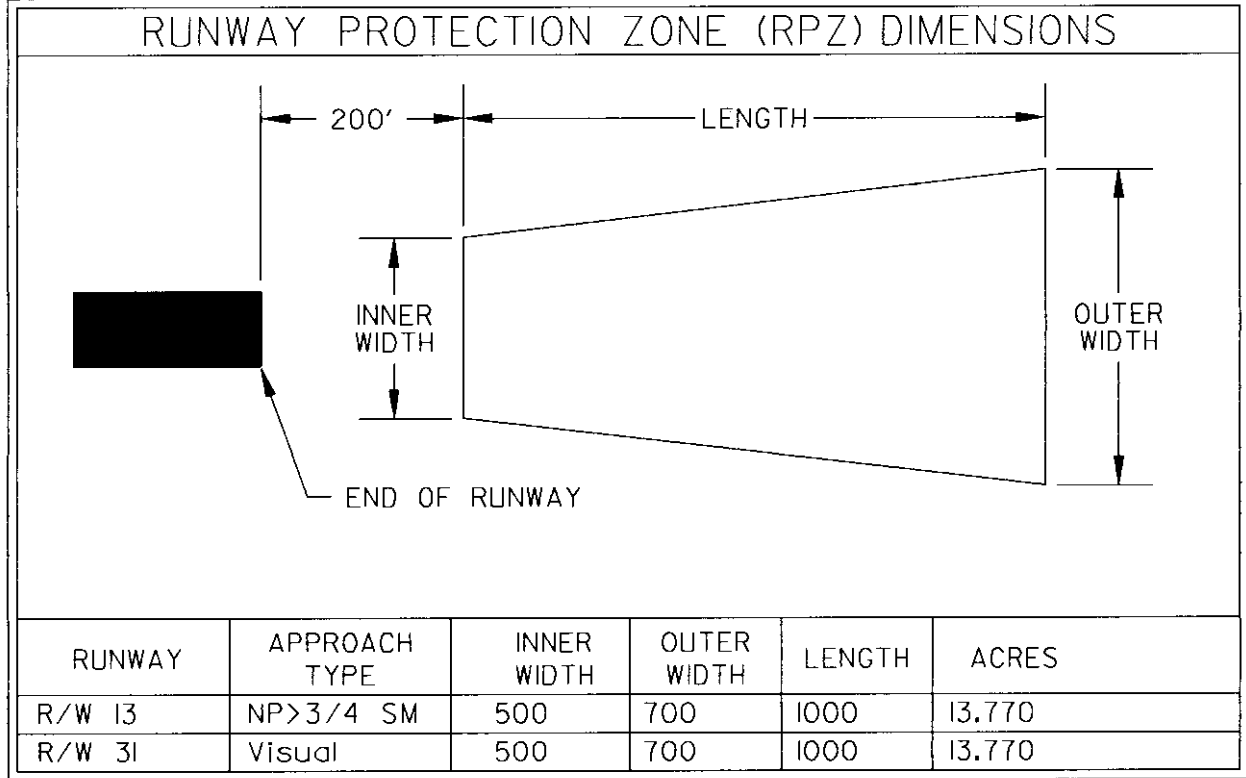
ASSOCIATED DISCIPLINES
Construction Management
Site Assessments
Surveying
APPLIED SCIENCES
Geologic
Hydrologic
Water Quality

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/TERMINAL NAVAIDS	GPS/VOR
AIRPORT REFERENCE CODE (ARC)	B-II
ACREAGE OWNED IN FEE SIMPLE	207
ACREAGE OWNED IN EASEMENT	114
USE/OWNERSHIP	General Aviation/State

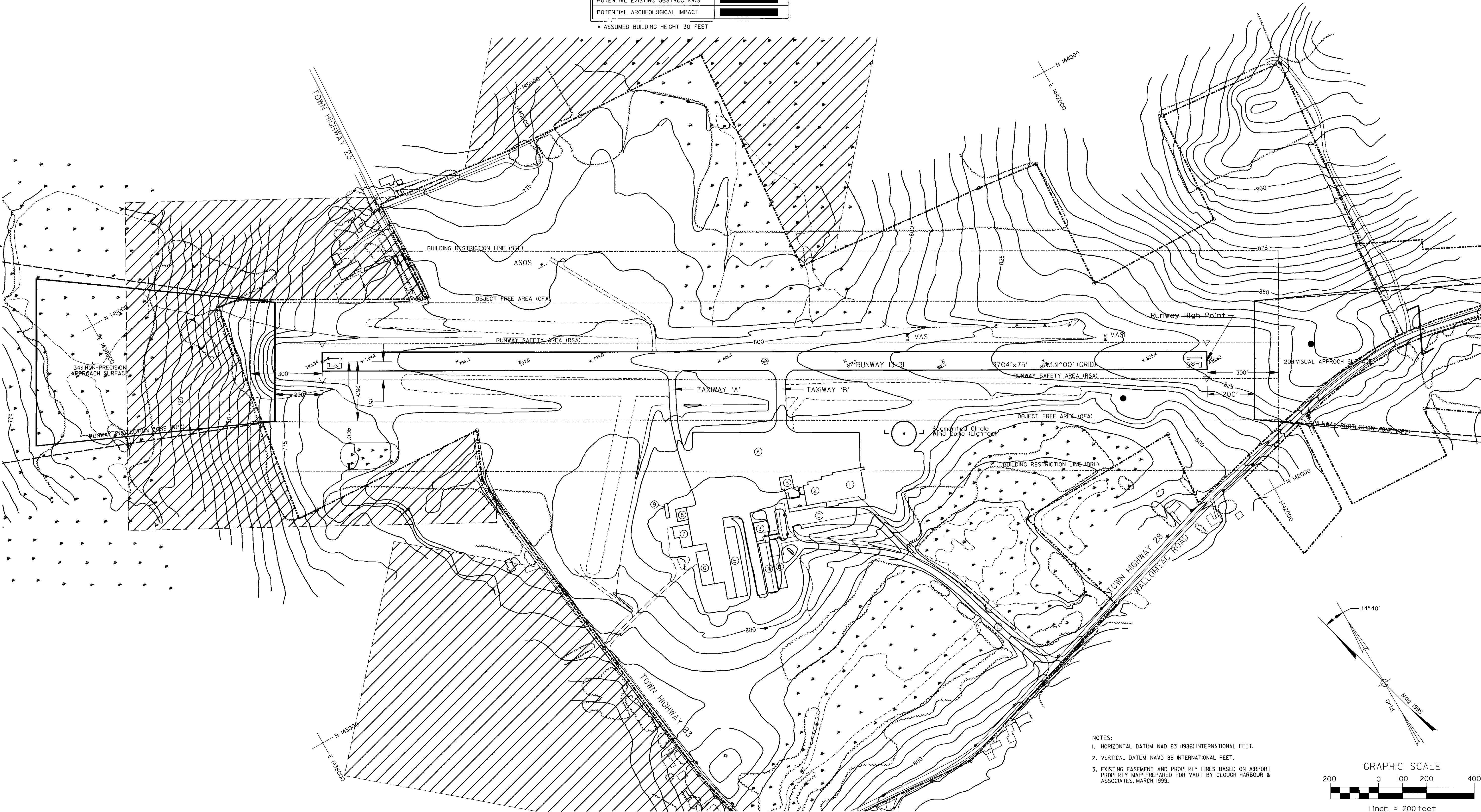
EXISTING	BUILDINGS
①	Alr. Now Hangar
②	Alr. Now Hangar
③	Willar Van Wortmer Hangar
④	Condo Hangars (5 Aircraft)
⑤	Condo Hangars (7 Aircraft)
⑥	Abacus Automation Hangar (3 Aircraft)
⑦	Bennington Iron Works Hangar
⑧	Green Hangar - Storage (2 Aircraft)
⑨	Ground School Trailer
EXISTING TERMINAL AREA PAVEMENT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

LEGEND	EXISTING
GROUND CONTOUR	180
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	

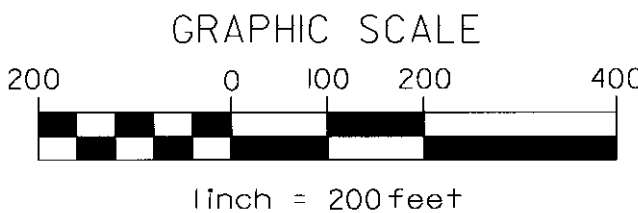
* ASSUMED BUILDING HEIGHT 30 FEET



RUNWAY DATA	EXISTING	
	13	31
PAVEMENT STRENGTH	12,500 SW	12,500 SW
APPROACH SURFACES	Non-Precision 341	Visual 201
RUNWAY MARKINGS	Visual	Visual
RUNWAY LIGHTING	MIRL	MIRL
RUNWAY NAVAIDS	GPS VDR/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 1995.



WILLIAM H. MORSE STATE AIRPORT

EXISTING AIRPORT LAYOUT PLAN

BENNINGTON

VERMONT

Rev. Description By Date

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

Sheet 2 of 7

D

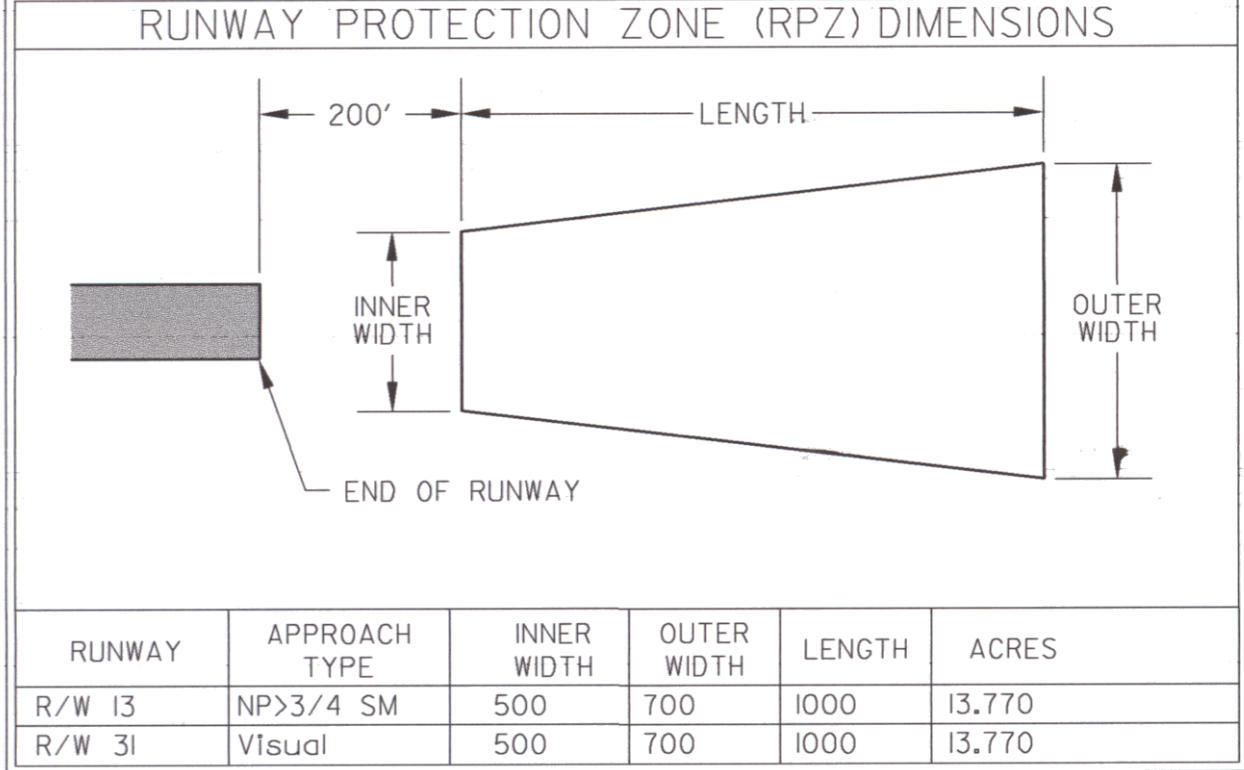


AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION	827	SAME
AIRPORT REFERENCE POINT	42° 53' 29" N 73° 14' 47" W	SAME
MEAN MAX. TEMP. (HOTTEST MO.)	80° F	SAME
TAXIWAY LIGHTING	--	MITL
TAXIWAY MARKING	--	BASIC
AIRPORT/TERMINAL NAVAIDS	GPS/VOR	SAME
AIRPORT REFERENCE CODE (ARC)	B-II	SAME
ACREAGE OWNED IN FEE SIMPLE	207	SAME
ACREAGE OWNED IN EASEMENT	114	116 ACRES
USE/OWNERSHIP	General Aviation/State	SAME

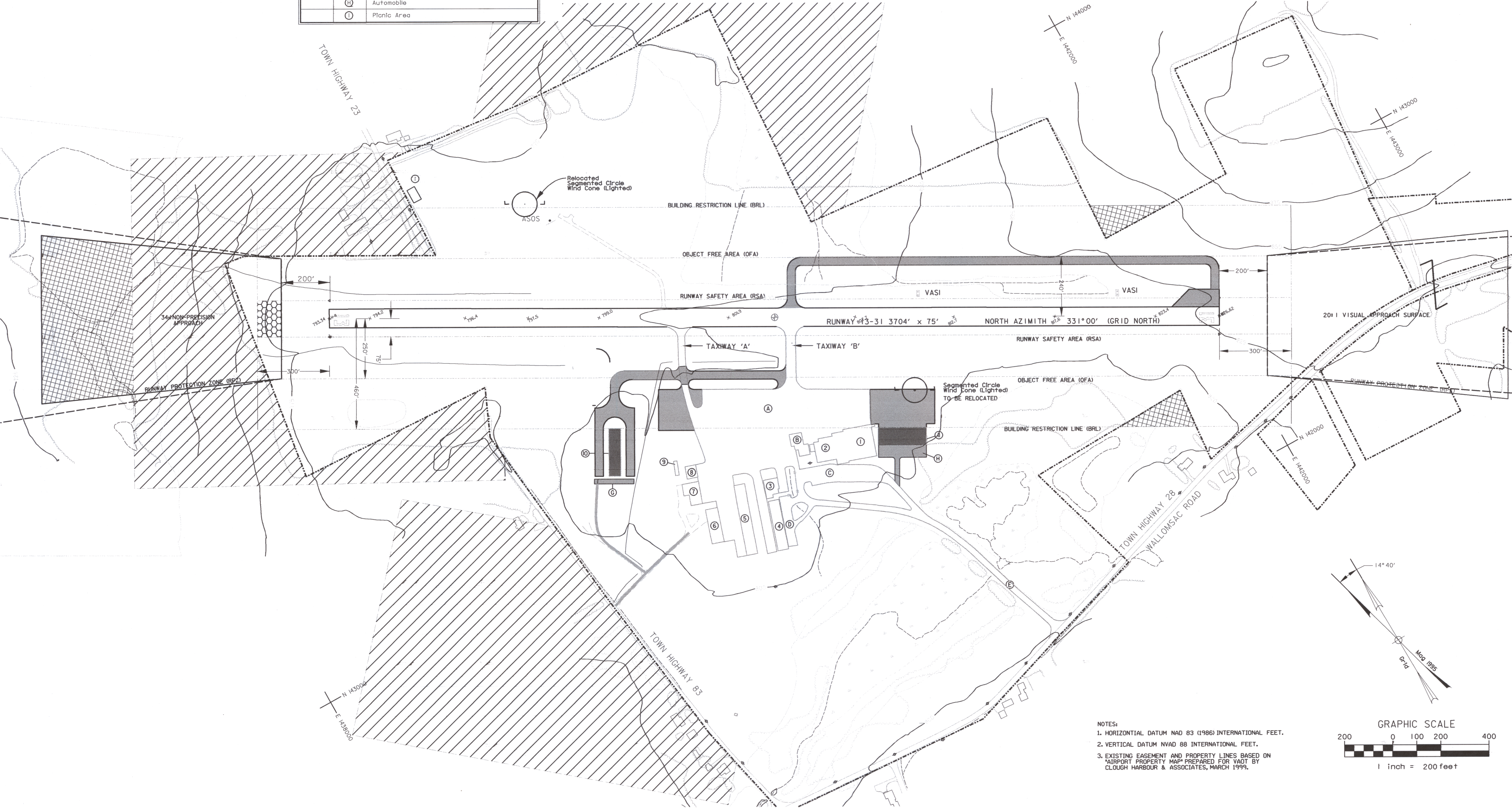
EXISTING	ULTIMATE	BUILDINGS
①		Air Now Hangar
②		Air Now Hangar
③		Willar Van Warlmer Hangar
④		Condo Hangars (5 Aircraft)
⑤		Condo Hangars (7 Aircraft)
⑥		Abacus Automation Hangar (3 Aircraft)
⑦		Bennington Iron Works Hangar
⑧		Green Hangar - Storage (2 Aircraft)
⑨		Ground School Trailer
	⑩	T-HANGER
	⑪	CORPORATE/FBO HANGER
EXISTING	ULTIMATE	TERMINAL AREA PAVEMENT
Ⓐ		Main Apron
Ⓑ		Fuel Apron
Ⓒ		Main Auto Parking
Ⓓ		Long Term Auto Parking
Ⓔ		Access Road
	Ⓔ	Tiedown Apron
	Ⓒ	Corporate Apron
	Ⓓ	Automobile
	Ⓘ	Picnic Area

LEGEND	EXISTING	ULTIMATE
GROUND CONTOUR		SAME
AIRPORT PROPERTY		SAME
AVIGATION EASEMENT		SAME
BUILDING RESTRICTION LINE (BRL) *		SAME
PART 77 APPROACH SURFACE		SAME
OBSTACLE FREE AREA (OFA)		SAME
RUNWAY SAFETY AREA (RSA)		SAME
RUNWAY SAFETY AREA IMPROVEMENTS	N/A	
RUNWAY PROTECTION ZONE (RPZ)		
TREE LINE		
SECURITY FENCE		
AIRPORT REFERENCE POINT		SAME
SWALE/DITCH		
R/W END IDENTIFIER LIGHTS (REIL)		SAME
WETLAND BOUNDARY		SAME
UNIMPROVED ROADWAYS		SAME
PAVEMENT		
AIRPORT BUILDINGS		

* ASSUMED BUILDING HEIGHT 30 FEET



RUNWAY DATA	EXISTING		ULTIMATE	
	13	31	13	31
PAVEMENT STRENGTH	12,500 SW	12,500 SW	SAME	SAME
APPROACH SURFACES	Non-Precision 34d	Visual 20d	SAME	SAME
RUNWAY MARKINGS	VISUAL	VISUAL	Non-Precision	Visual
RUNWAY LIGHTING	MIRL	MIRL	SAME	SAME
RUNWAY NAVAIDS	GPS VOR/GPS-A	VOR/GPS-A	SAME	SAME
EFFECTIVE GRADIENT	0.9% UP		SAME	SAME
RUNWAY END ELEVATIONS	793.34	826.62	SAME	SAME
RUNWAY END COORDINATES	N 42°53' 37" W 73°15' 09"	N 42°53' 20" W 73°14' 25"	SAME	SAME
RUNWAY LENGTH	3704'	3704'	SAME	SAME
RUNWAY WIDTH	75'	75'	SAME	SAME
EXTENDED RSA COMPLIANCE	No	YES	Yes	Yes



WILLIAM H. MORSE STATE AIRPORT

ULTIMATE AIRPORT LAYOUT PLAN

BENNINGTON

VERMONT

Description

By

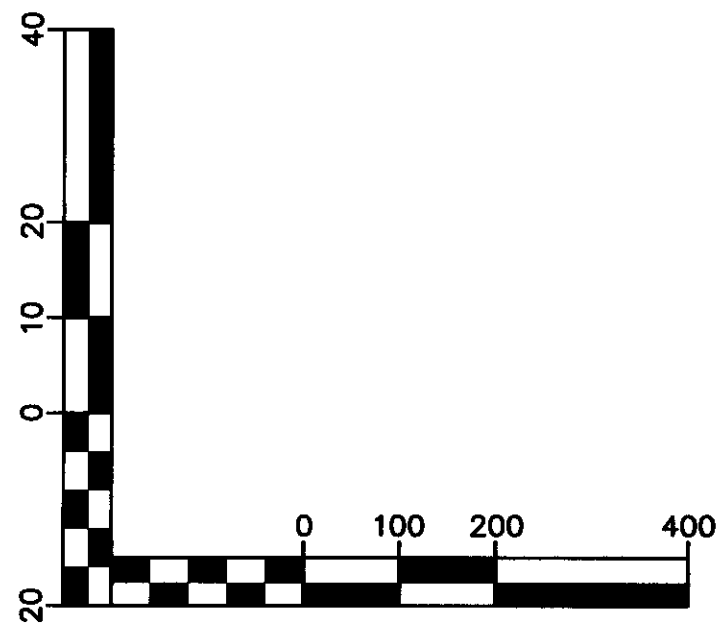
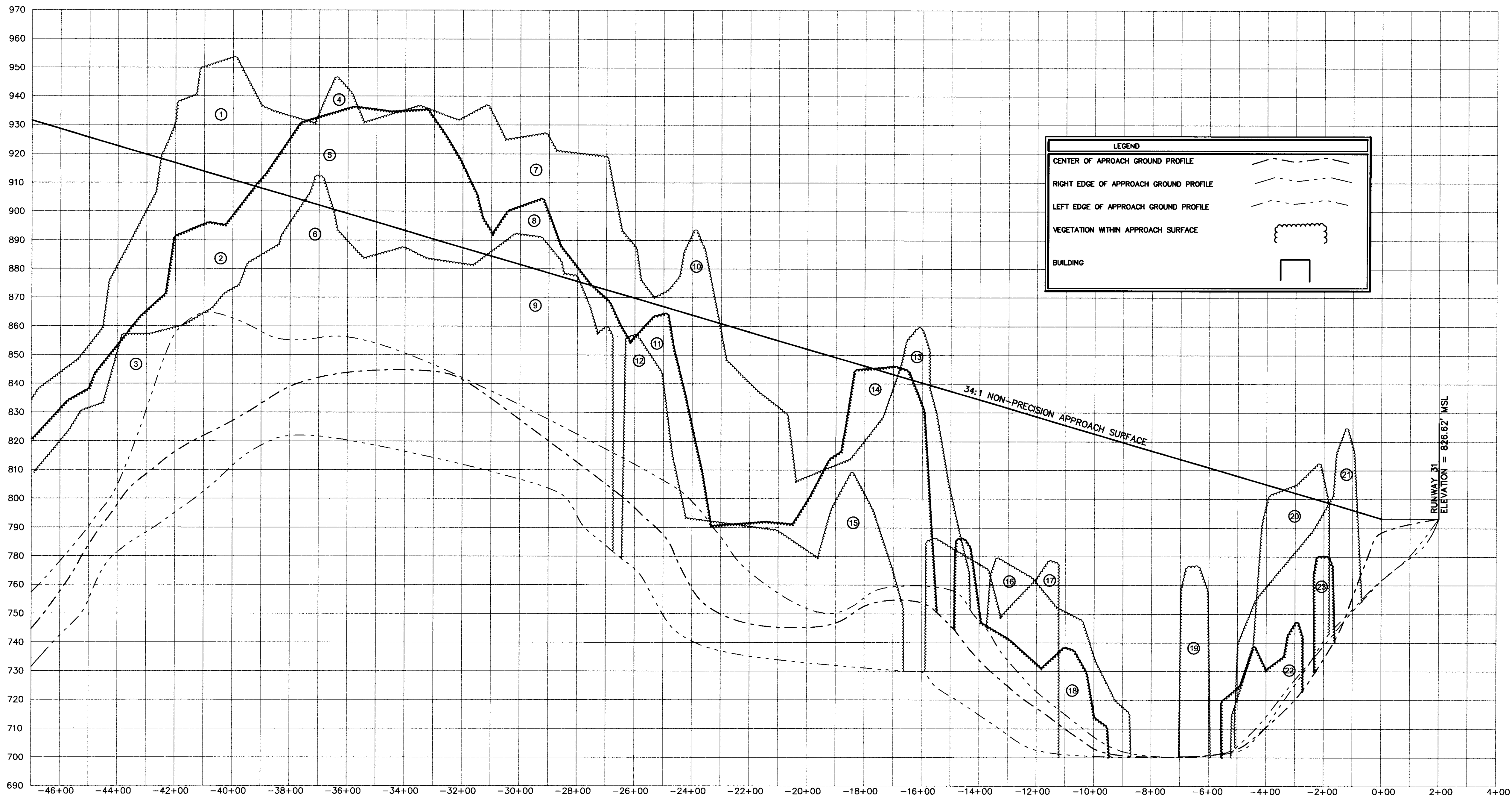
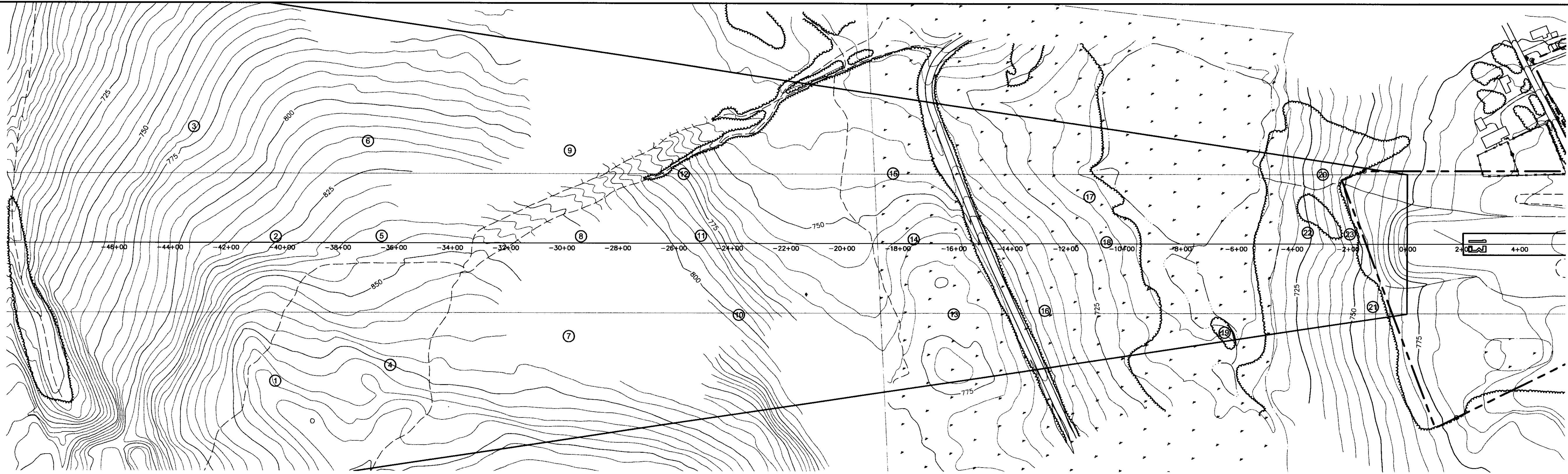
Date

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

Sheet 3 of 7

D





LEGEND

CENTER OF APPROACH GROUND PROFILE

RIGHT EDGE OF APPROACH GROUND PROFILE

LEFT EDGE OF APPROACH GROUND PROFILE

VEGETATION WITHIN APPROACH SURFACE

BUILDING

BENNINGTON STATE AIRPORT

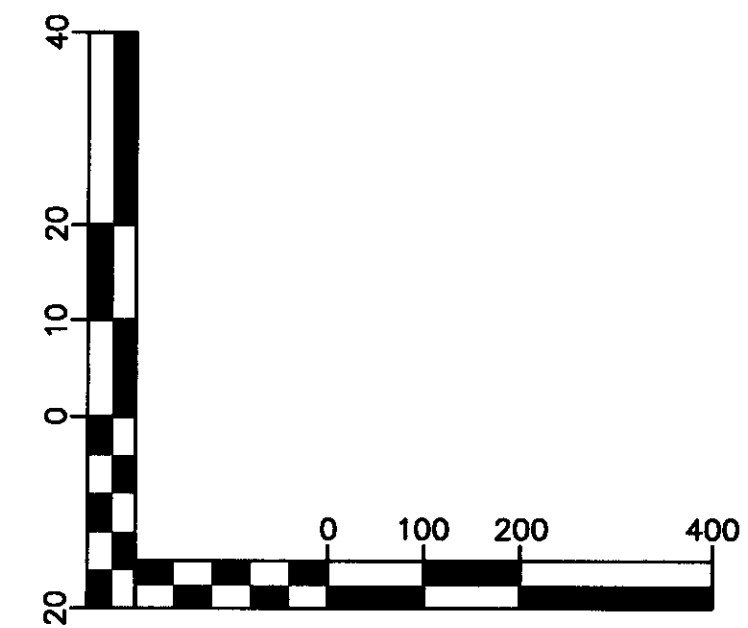
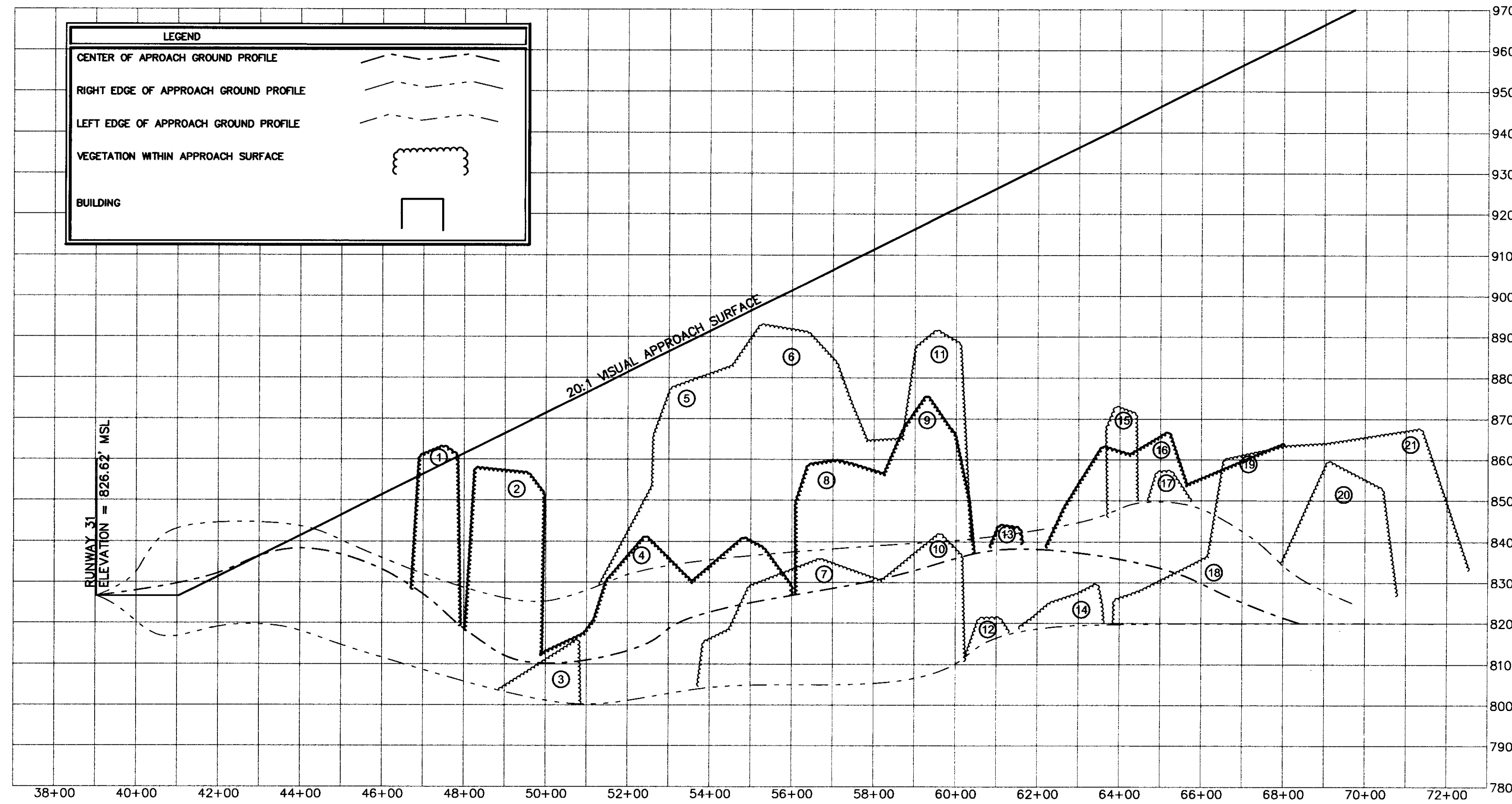
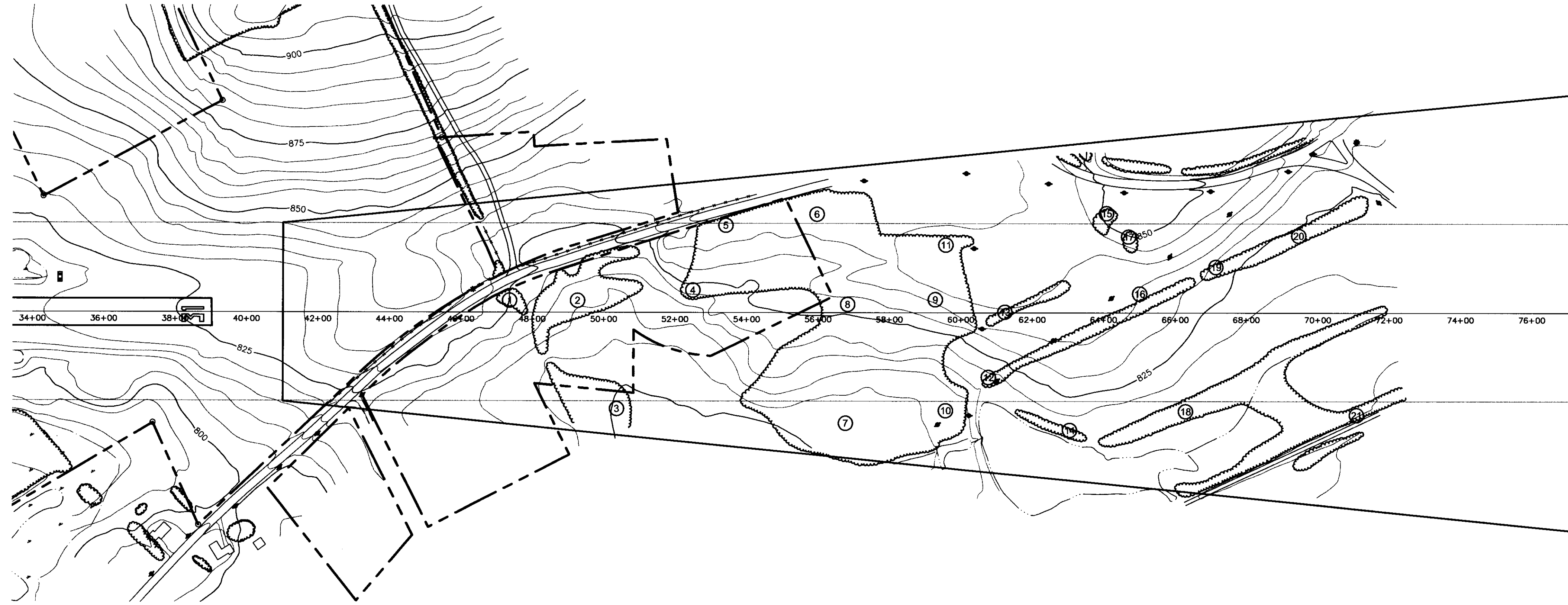
RUNWAY 13
 FAR PART 77 PLAN AND PROFILE

BENNINGTON

VERMONT

Project No.	8180014
Proj. Manager	JW
Proj. Designer	MS
Drawn By	JW
Checked By	MS
Scale	1" = 200'
Approved	DCD
Date	0500

Rev.	Description	By	Date



BENNINGTON STATE AIRPORT

RUNWAY 31 FAR PART 77 IPLAN AND PROFILE

BENNINGTON

VERMONT

Project No.	8190014
Proj. Manager	JW
Proj. Designer	MS
Drawn By	MS
Checked By	JW
Scale	1" = 200'
Approved	DCD
Date	05/00

Rev.	Description	By	Date

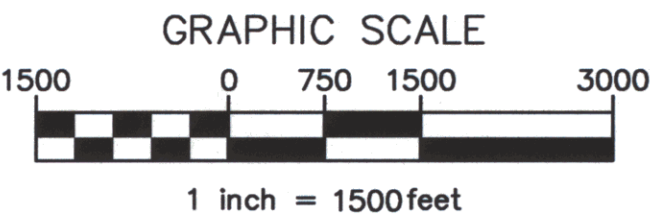


LEGEND

TREE PENETRATION AREA

GROUND PENETRATION AREA

F.A.R. PART 77 SURFACES



BENNINGTON STATE AIRPORT

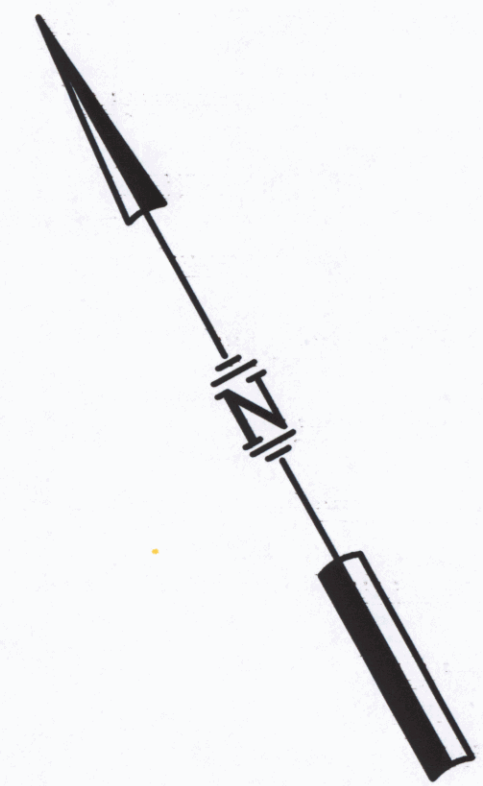
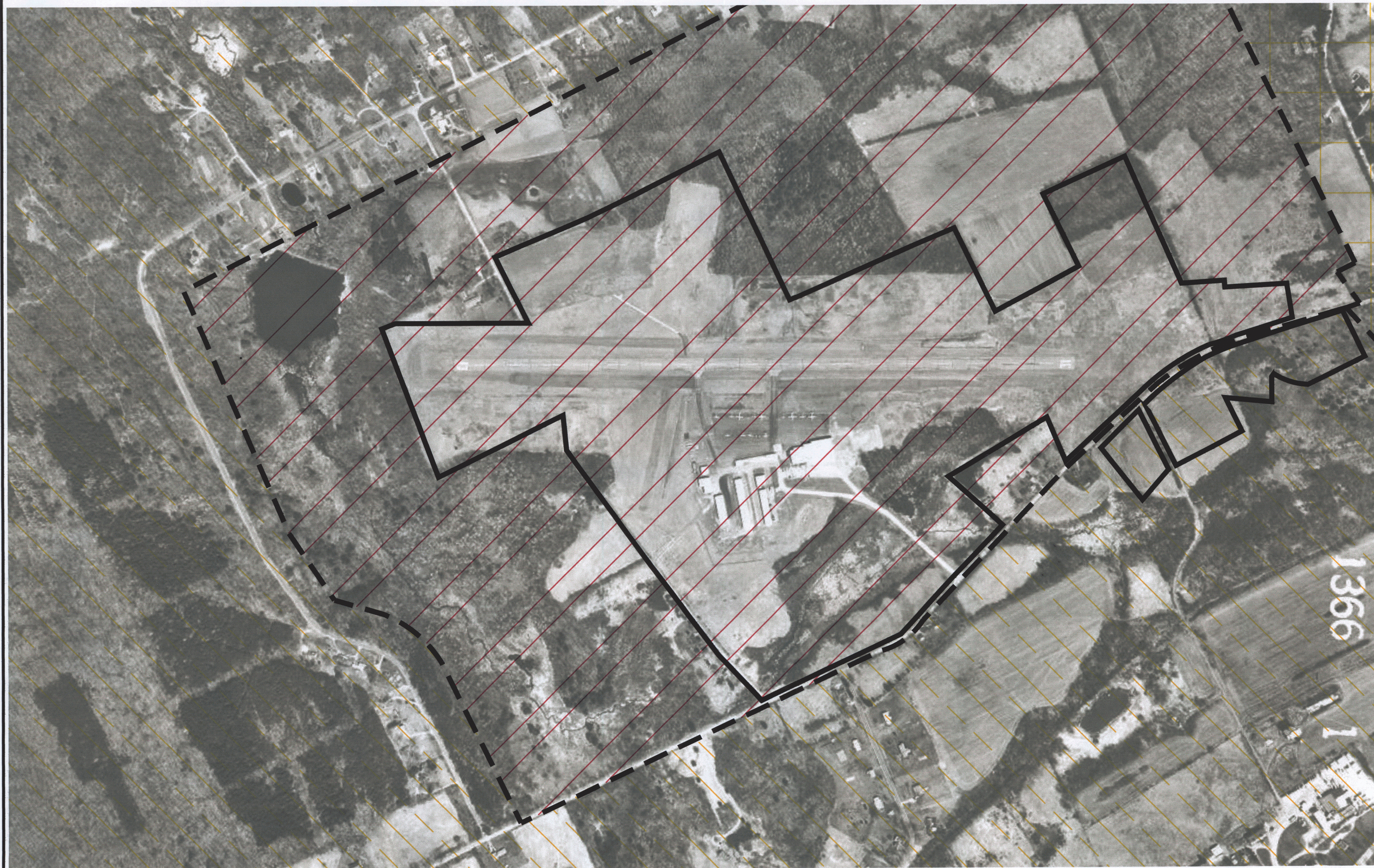
FAR PART 77 IMAGINARY SURFACES PLAN

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

Rev.	Description	By	Date

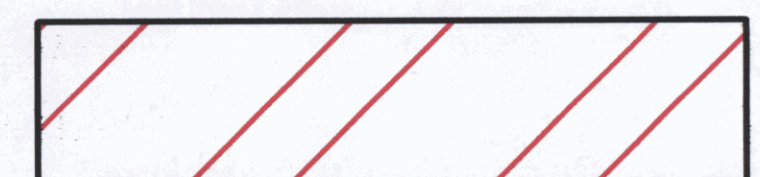
BENNINGTON

VERMONT



LEGEND

AP PLANNED AIRPORT



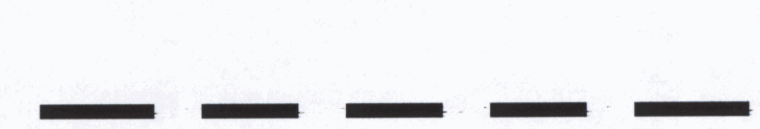
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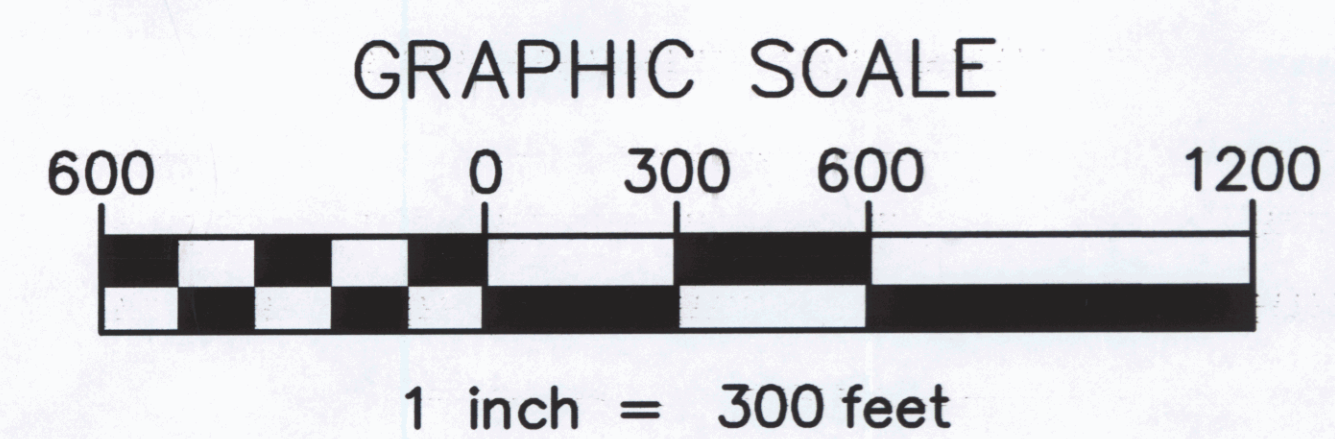
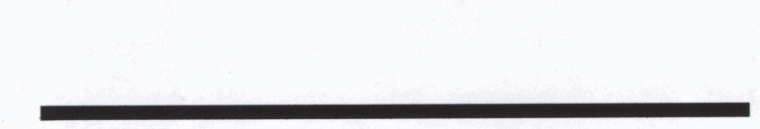
RR RURAL RESIDENTIAL



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