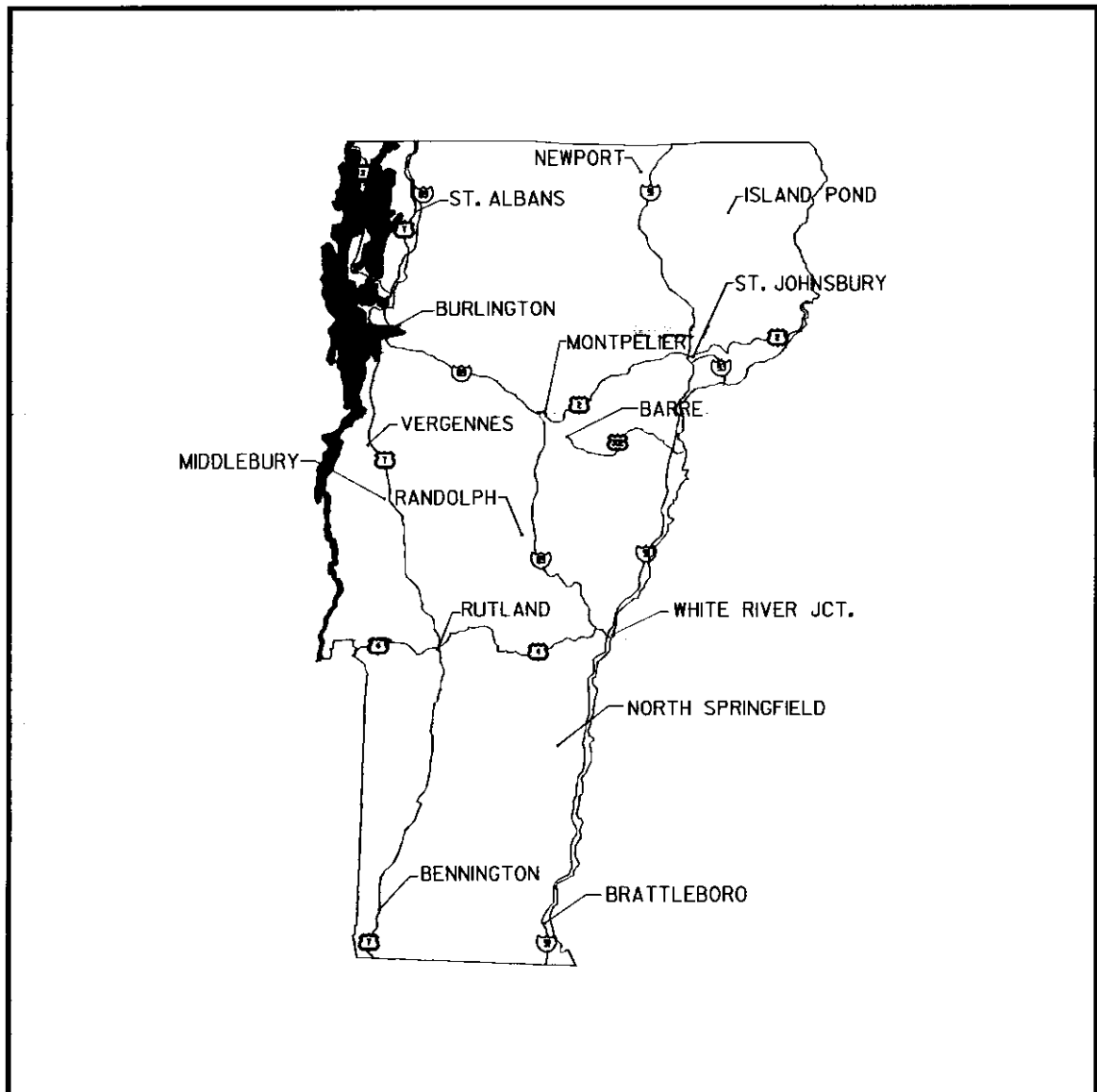
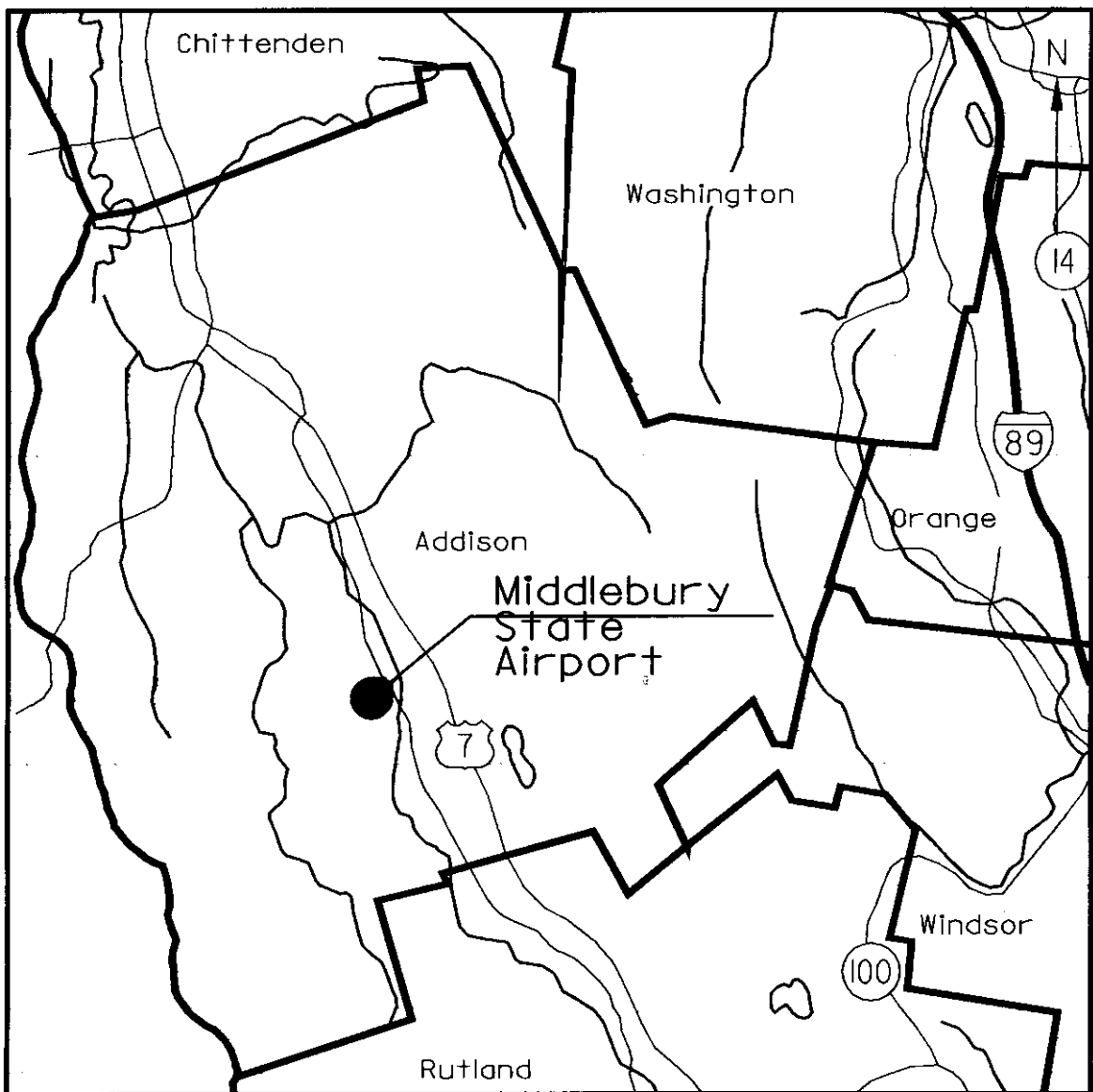


AIRPORT LAYOUT PLAN UPDATE

MIDDLEBURY STATE AIRPORT MIDDLEBURY, 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
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

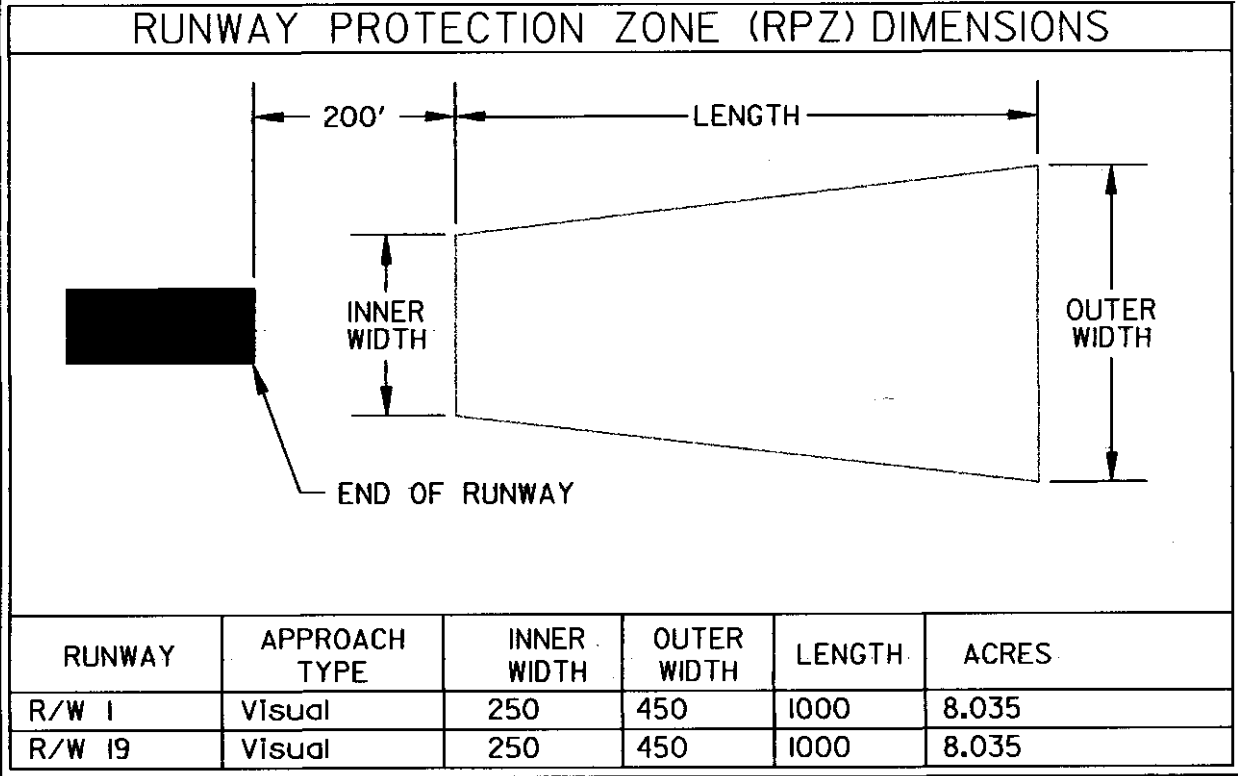
ASSOCIATED DISCIPLINES
Construction Management
Site Assessment
Surveying
APPLIED SCIENCES
Geologic
Hydrologic
Water Quality

AIRPORT DATA	EXISTING
AIRPORT ELEVATION	494.3
AIRPORT REFERENCE POINT	N 43° 59' 08" E 73° 05' 44"
MEAN MAX. TEMP. (HOTTEST MO.)	80° F
TAXIWAY LIGHTING	---
TAXIWAY MARKING	---
AIRPORT/TERMINAL NAV AIDS	None
AIRPORT REFERENCE CODE (ARC)	B-I/UTILITY
ACREAGE OWNED IN FEE SIMPLE	156 Acres
ACREAGE OWNED IN EASEMENT	6 Acres
USE/OWNERSHIP	General Aviation/State

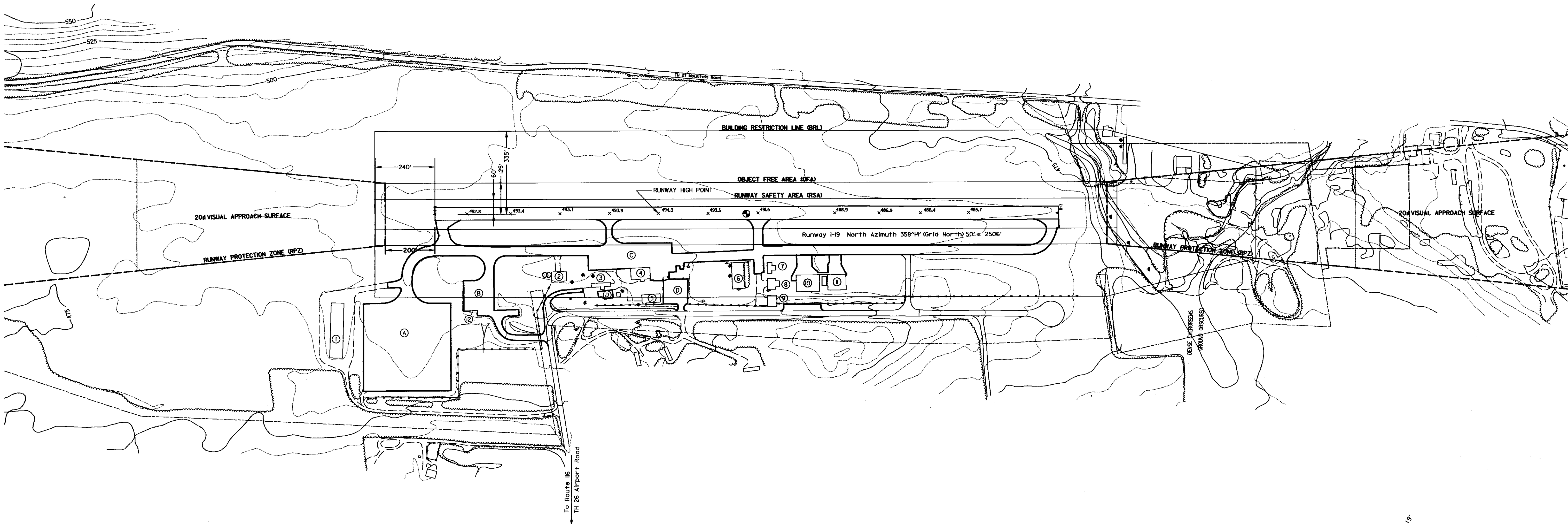
EXISTING	BUILDINGS
①	T-Hangar
②	Hangar
③	Mobile Home
④	Terminal / Maintenance Hangar
⑤	Storage Barn
⑥	Hangar
⑦	T-Hangar
⑧	T-Hangar
⑨	T-Hangar
⑩	Downey Corporation Maintenance Hangar
⑪	Downey Corporation Maintenance Hangar
⑫	Fuel Farm
EXISTING	TERMINAL AREA PAVEMENT
A	Lower Ramp
B	Fuel Apron
C	Upper Ramp
D	Auto Parking

LEGEND	EXISTING
GROUND CONTOUR	
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	

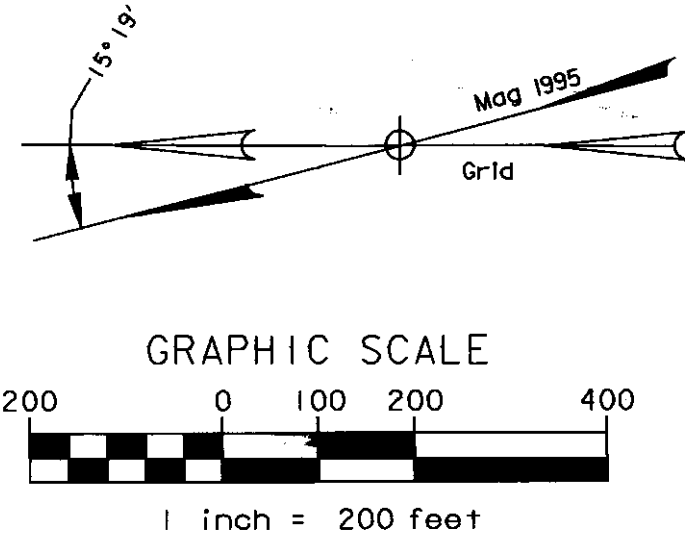
* ASSUMED BUILDING HEIGHT 30 FEET



RUNWAY DATA	EXISTING	
	I	I9
PAVEMENT STRENGTH	12,500 SW	12,500 SW
APPROACH SURFACES	Visual 20:1	Visual 20:1
RUNWAY MARKINGS	Visual	Visual
RUNWAY LIGHTING	None	None
RUNWAY NAV AIDS	None	None
EFFECTIVE GRADIENT	0.3%	
RUNWAY END ELEVATIONS	484.7	492.0
RUNWAY END COORDINATES	N 43° 58' 55" W 73° 05' 43"	N 43° 58' 20" W 73° 05' 44"
RUNWAY LENGTH	2506'	2506'
RUNWAY WIDTH	50'	50'
EXTENDED RSA COMPLIANCE	NO	YES



NOTES:
1. HORIZONTAL DATUM NAD 83 (1983) INTERNATIONAL FEET.
2. VERTICAL DATUM NAVD 88 INTERNATIONAL FEET.
3. EXISTING EASEMENT AND PROPERTY LINES BASED ON "AIRPORT PROPERTY MAP" PREPARED BY CLOUGH HARBOUR & ASSOCIATES MARCH 1999.



MIDDLEBURY STATE AIRPORT
EXISTING AIRPORT LAYOUT PLAN

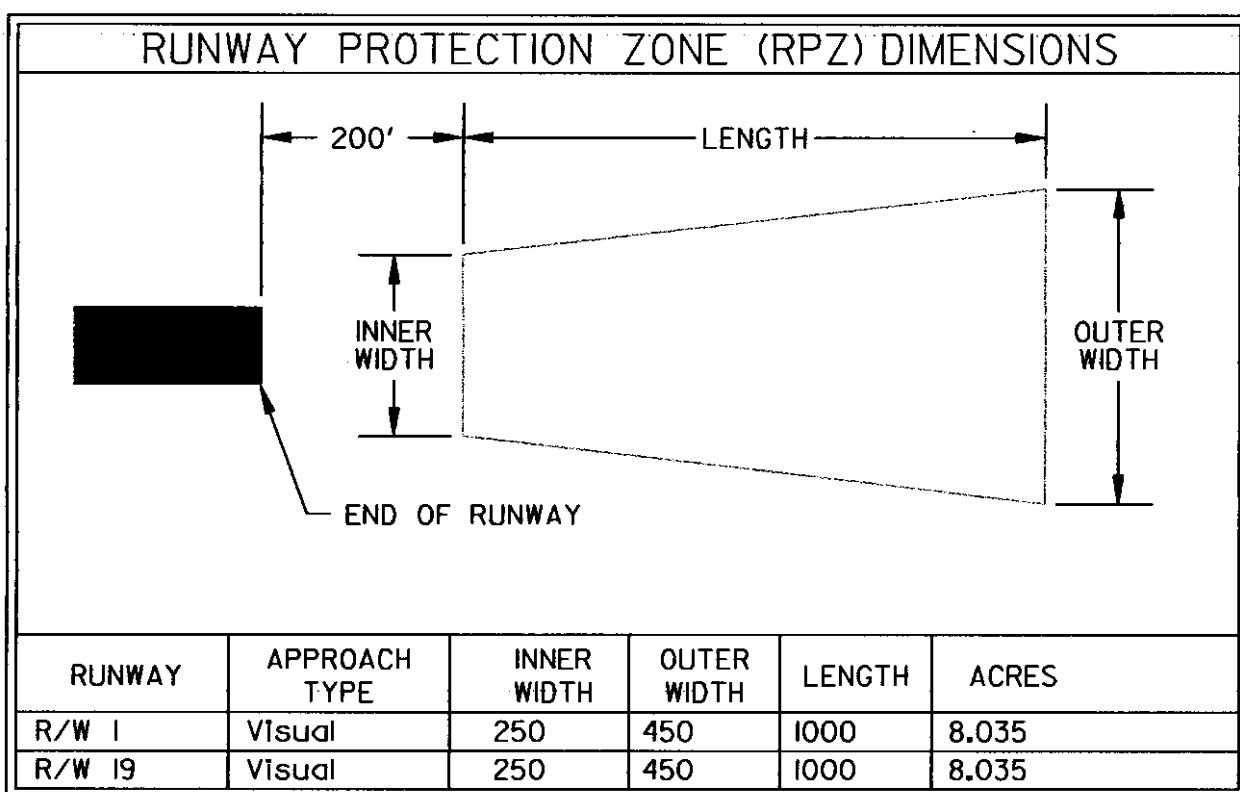
Project No.	8190014
Proj. Manager	MC
Proj. Designer	JWM
Drawn By	GPR
Checked By	MS
Scale	1"=200'
Approved	
Date	11-5-99

AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION	494.3	494.3
AIRPORT REFERENCE POINT	N 43° 59' 08" E 73° 05' 44"	N 43° 59' 17" E 73° 05' 44"
MEAN MAX. TEMP. (HOTTEST MO.)	80° F	80° F
TAXIWAY LIGHTING	--	--
TAXIWAY MARKING	--	--
AIRPORT/TERMINAL NAVAIDS	None	None
AIRPORT REFERENCE CODE (ARC)	B-I	B-I
ACREAGE OWNED IN FEE SIMPLE	156 Acres	156 Acres
ACREAGE OWNED IN EASEMENT	6 Acres	6 Acres
USE/OWNERSHIP	General Aviation/State	General Aviation/State

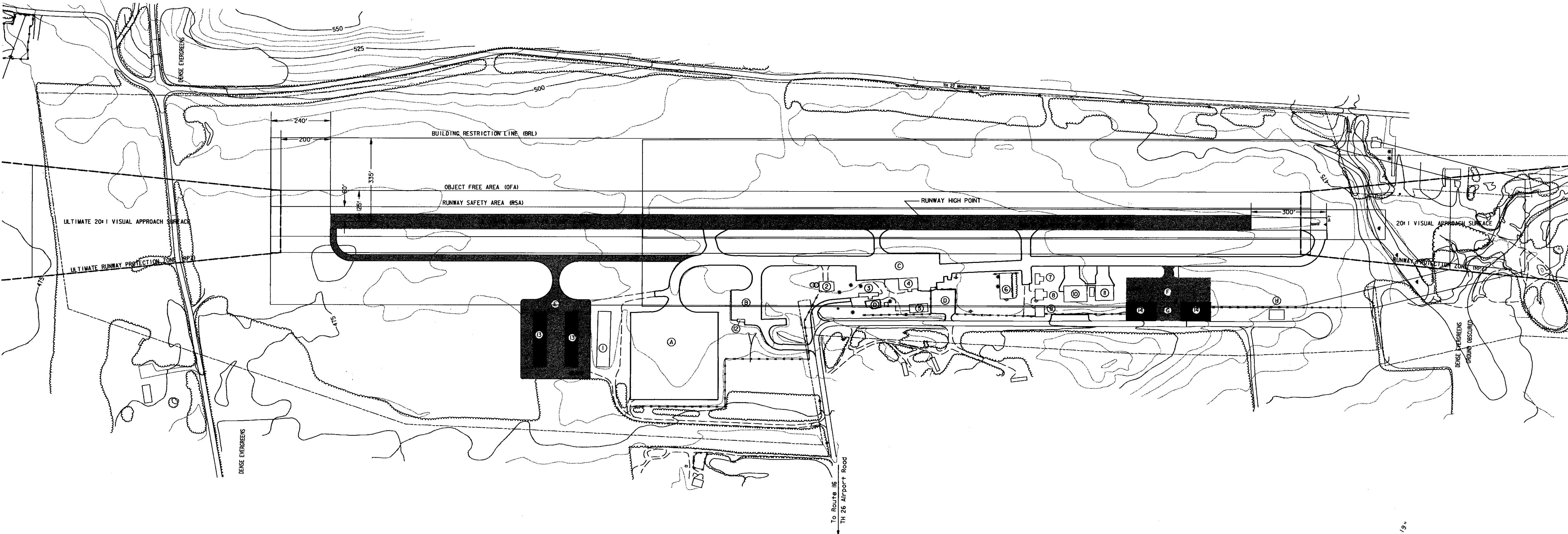
EXISTING	ULTIMATE	BUILDINGS
①		T-Hangar
②		Hangar
③		Mobile Home
④		Terminal / Maintenance Hangar
⑤		Storage Barn
⑥		Hangar
⑦		T-Hangar
⑧		T-Hangar
⑨		T-Hangar
⑩		Downey Corporation Maintenance Hangar
⑪		Downey Corporation Maintenance Hangar
⑫		Fuel Farm
	⑬	T-Hangars
	⑭	Corporate Hangars
EXISTING	ULTIMATE	TERMINAL AREA PAVEMENT
A		Lower Ramp
B		Fuel Apron
C		Upper Ramp
D		Auto Parking
	E	T-Hangar Apron
	F	Corporate Hangar Apron
	G	Auto Parking
	H	Picnic Area

LEGEND	EXISTING	ULTIMATE
GROUND CONTOUR		SAME
AIRPORT PROPERTY		SAME
AVIGATION EASEMENT		SAME
BUILDING RESTRICTION LINE (BRL) *		SAME
PART 77 APPROACH SURFACE		SAME
OBJECT 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		

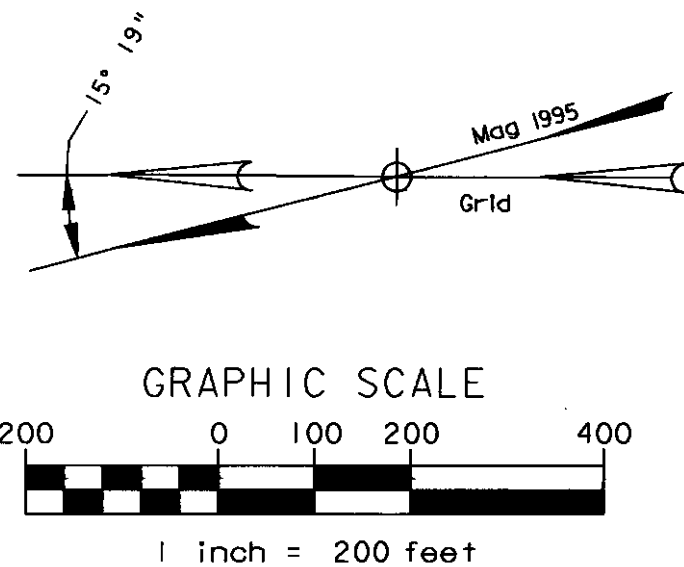
* ASSUMED BUILDING HEIGHT 30 FEET



RUNWAY DATA	EXISTING	ULTIMATE
PAVEMENT STRENGTH	I2,500 SW	I2,500 SW
APPROACH SURFACES	Visual 20:1	Visual 20:1
RUNWAY MARKINGS	Visual	Visual
RUNWAY LIGHTING	None	None
RUNWAY NAVAIDS	None	None
EFFECTIVE GRADIENT	0.3%	
RUNWAY END ELEVATIONS	484.7	492.0 To Be Determined
RUNWAY END COORDINATES	N 43° 58' 55" W 73° 05' 43"	N 43° 59' 20" W 73° 05' 44"
RUNWAY LENGTH	2506'	3700'
RUNWAY WIDTH	50'	60'
EXTENDED RSA COMPLIANCE	NO	YES

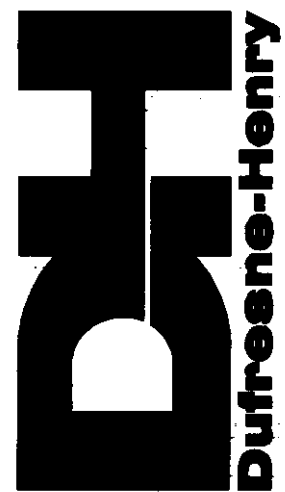


- NOTES:
- HORIZONTAL DATUM NAD 83 (1986) INTERNATIONAL FEET.
 - VERTICAL DATUM NAVD 88 INTERNATIONAL FEET.
 - EXISTING EASEMENT AND PROPERTY LINES BASED ON "AIRPORT PROPERTY MAP" PREPARED BY CLOUGH HARBOUR & ASSOCIATES MARCH 1999.

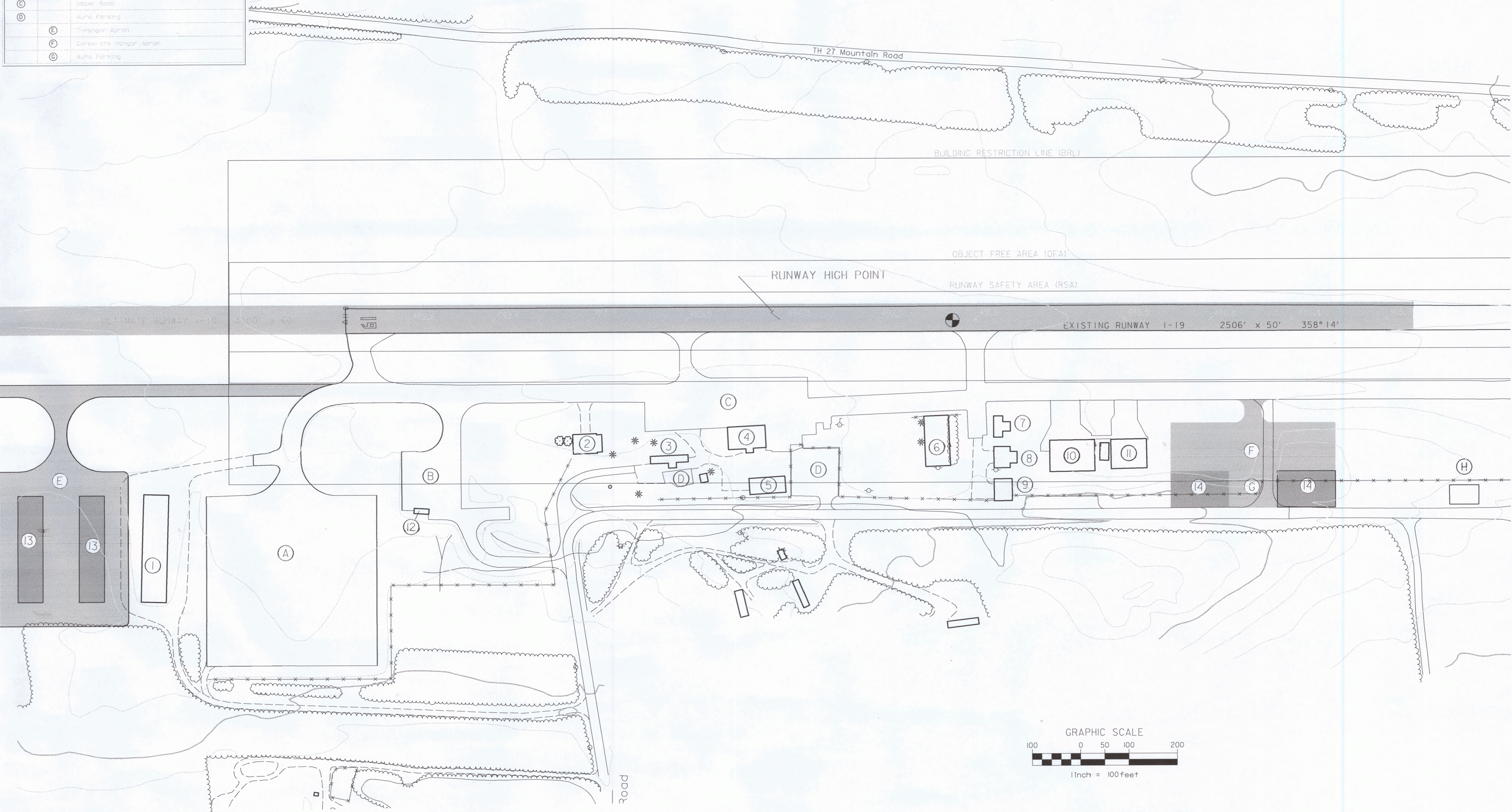


MIDDLEBURY STATE AIRPORT ULTIMATE AIRPORT LAYOUT PLAN

Project No.	8190014
Proj. Manager	MC
Proj. Designer	JWW
Drawn By	GPR
Checked By	MS
Scale	1"=200'
Approved	
Date	11-12-99



EXISTING	ULTIMATE	BUILDINGS
①		T-Hangar
②		Hangar
③		Mobile Home
④		Terminal / Maintenance Hangar
⑤		Storage Barn
⑥		Hangar
⑦		T-Hangar
⑧		T-Hangar
⑨		T-Hangar
⑩		Downey Corporation Maintenance Hangar
⑪		Downey Corporation Maintenance Hangar
⑫		Fuel Farm
	⑬	T-Hangars
	⑭	Corporate Hangars
EXISTING	ULTIMATE	TERMINAL AREA PAVEMENT
A		Lower Ramp
B		Fuel Apron
C		Upper Ramp
D		Auto Parking
	E	T-Hangar Apron
	F	Corporate Hangar Apron
	G	Auto Parking



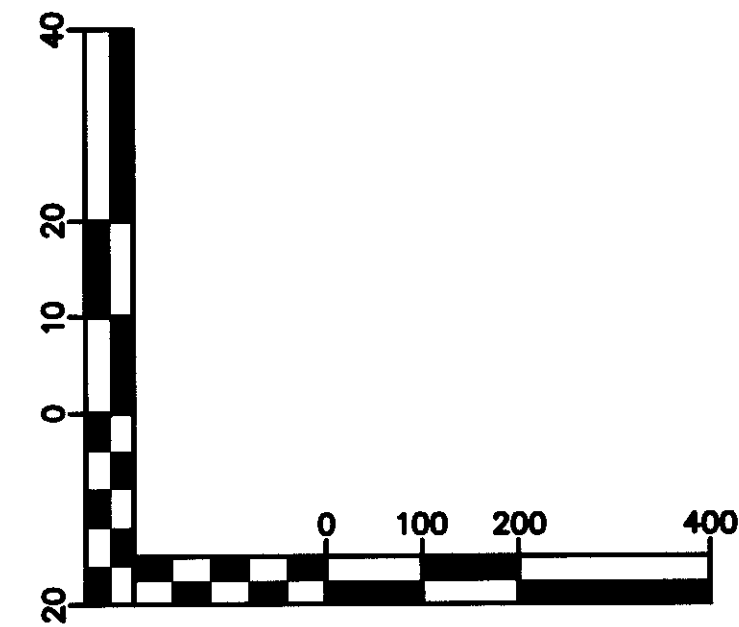
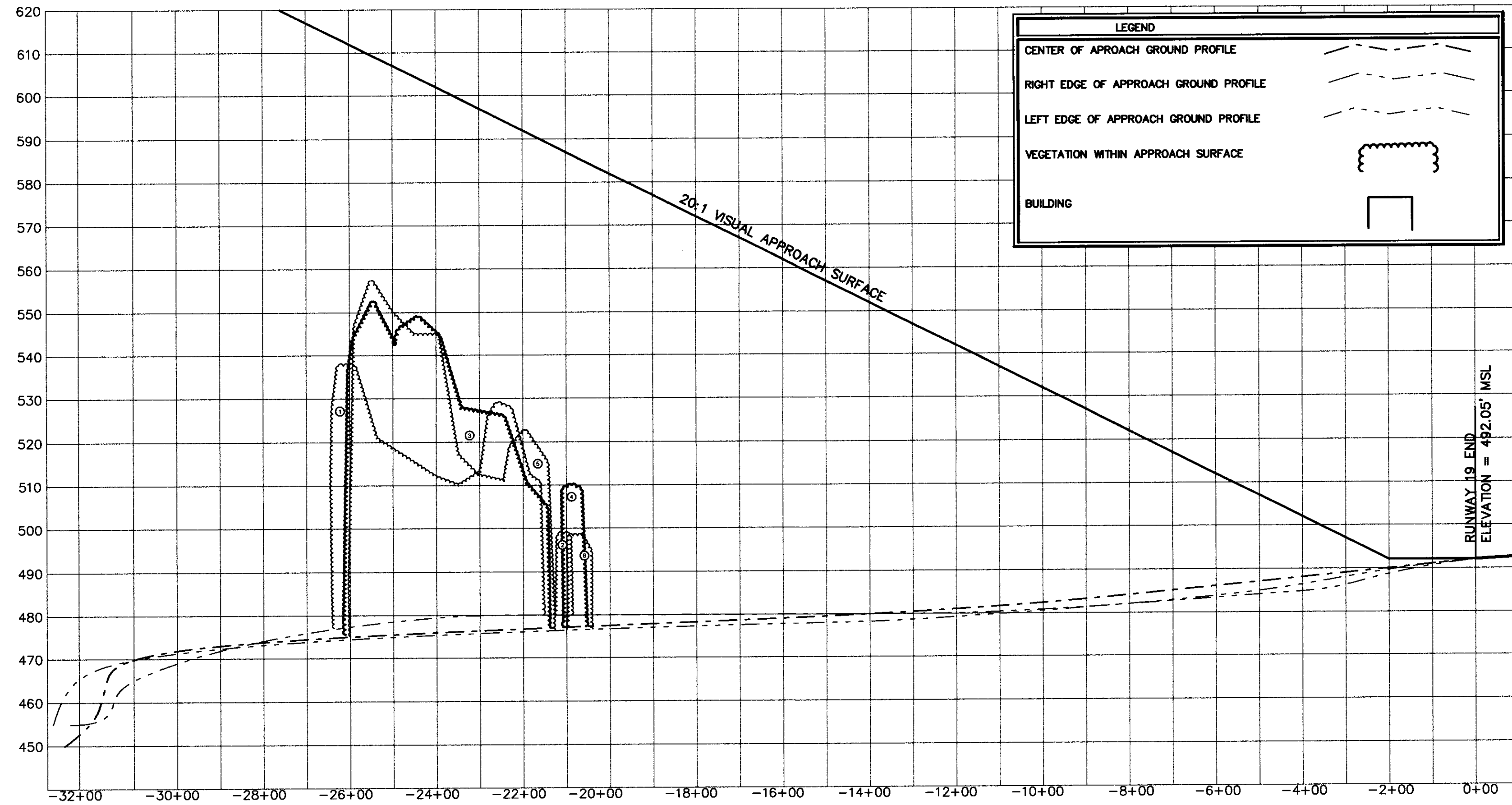
Rev.	Description	By	Date

MIDDLEBURY STATE AIRPORT

TERMINAL PLAN

MIDDLEBURY

Project No.	8190014
Proj. Manager	MC
Proj. Designer	JMW
Drawn By	GPR
Checked By	MS
Scale	1" = 100'
Approved	DCD
Date	9-14-99



MIDDLEBURY STATE AIRPORT

RUNWAY 19

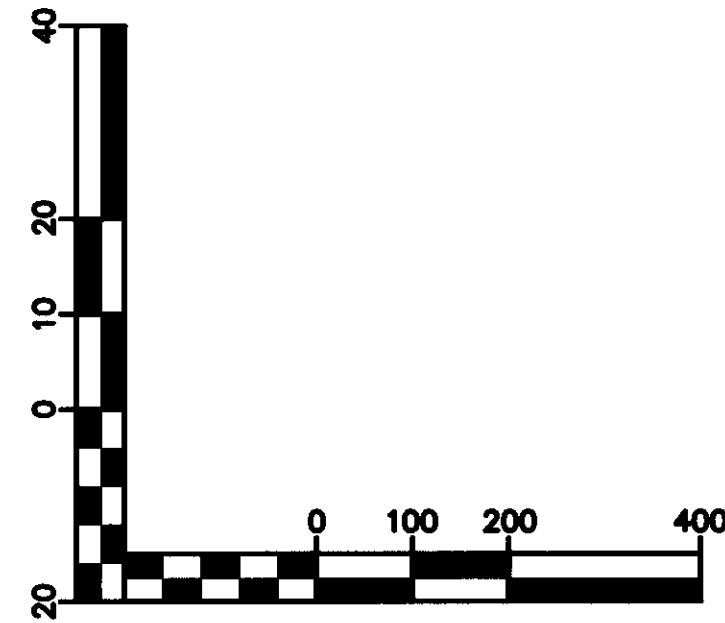
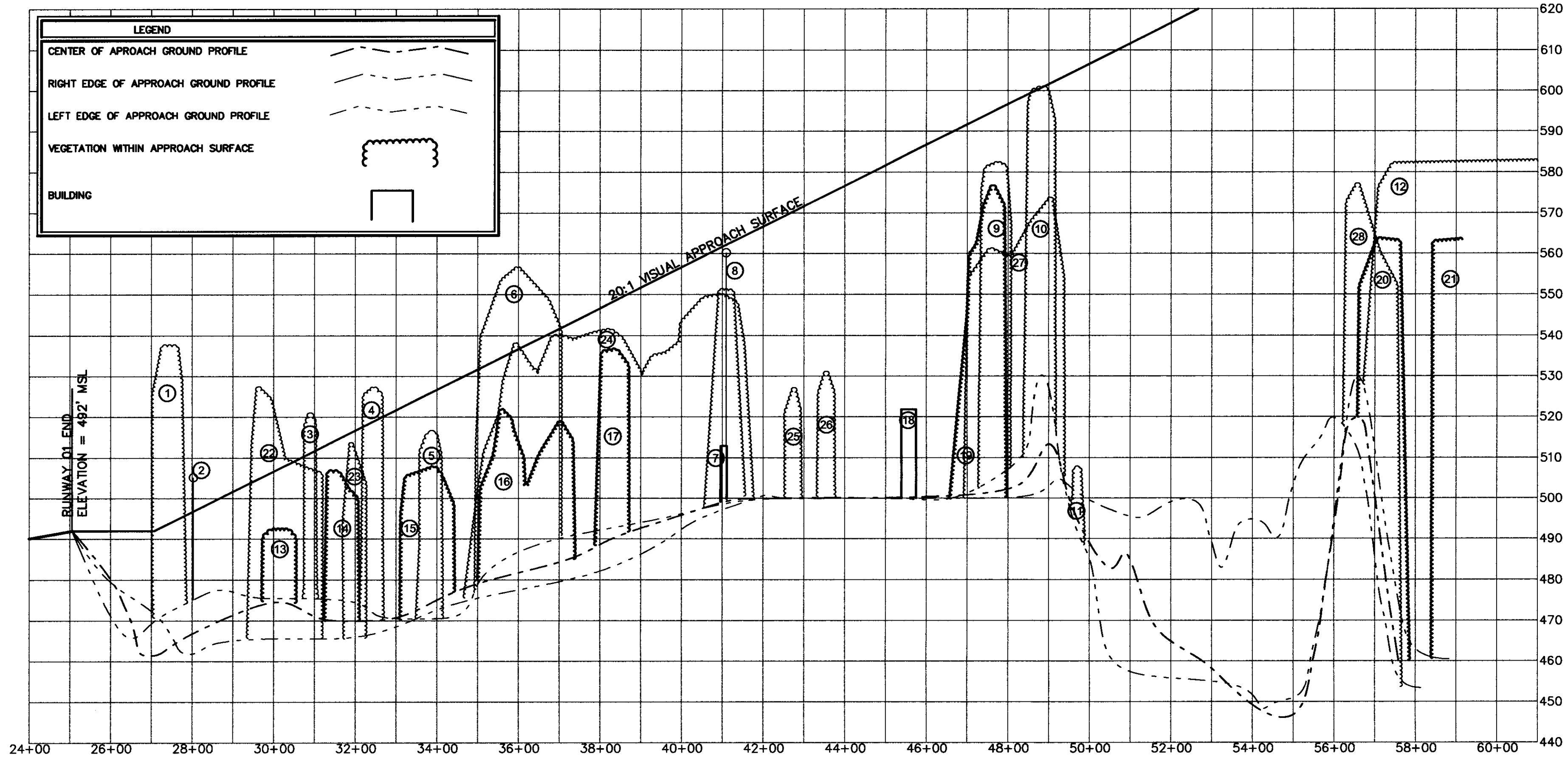
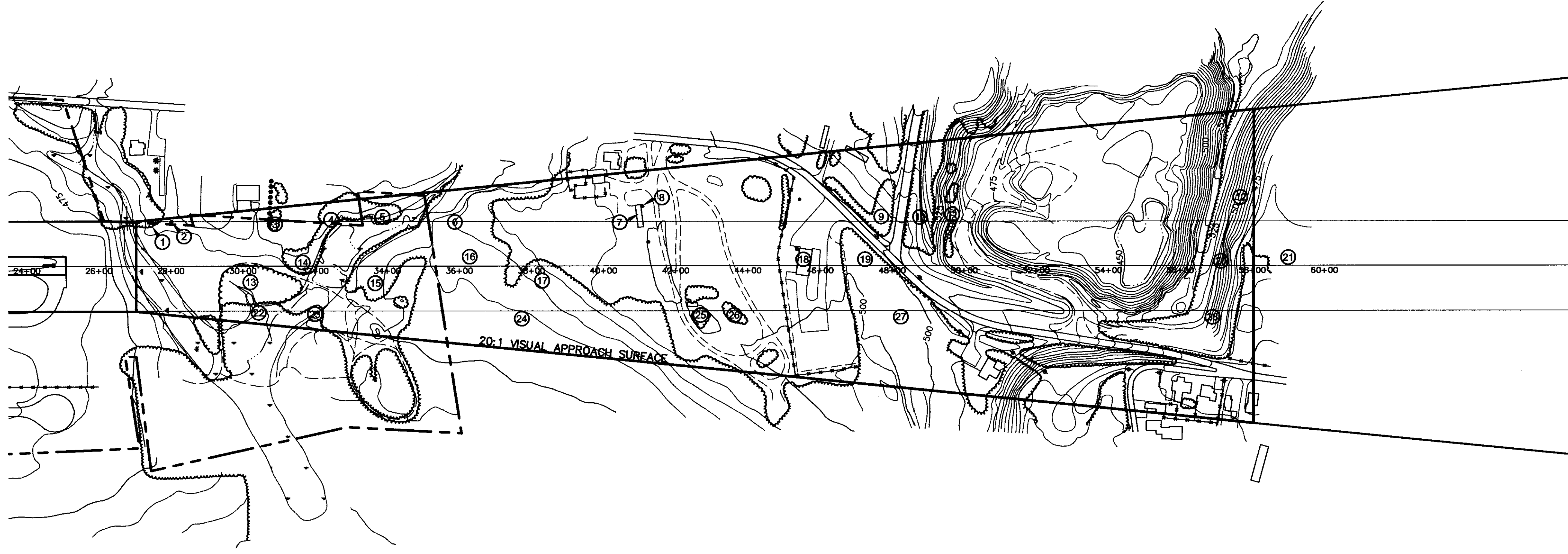
F.A.R. PART 77 PLAN AND PROFILE

VERMONT

MIDDLEBURY

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

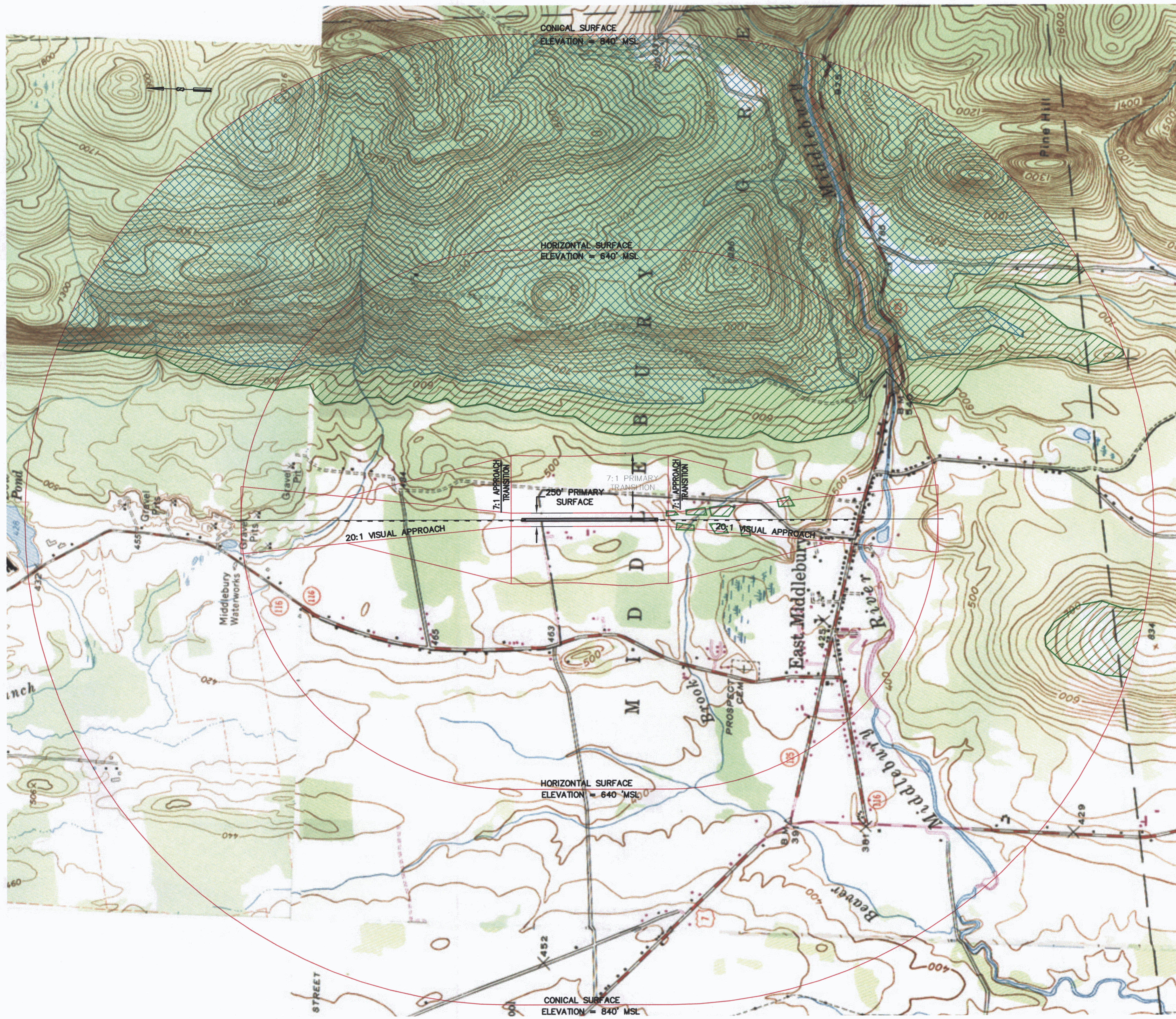
Rev.	Description	By	Date



Rev.	Description	By	Date

MIDDLEBURY STATE AIRPORT
RUNWAY 01
F.A.R. PART 77 PLAN AND PROFILE
 MIDDLEBURY VERMONT

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

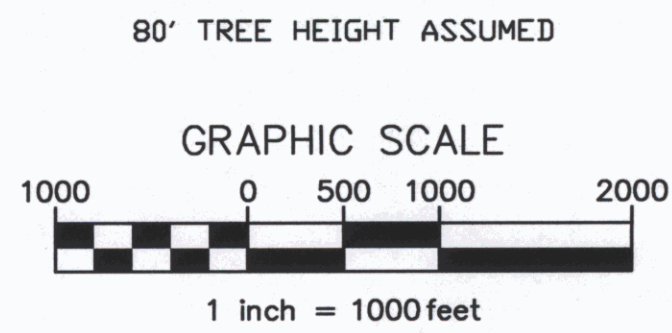


LEGEND

TREE PENETRATION AREA

GROUND PENETRATION AREA

F.A.R. PART 77 SURFACES

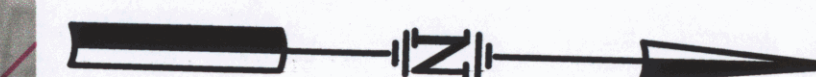
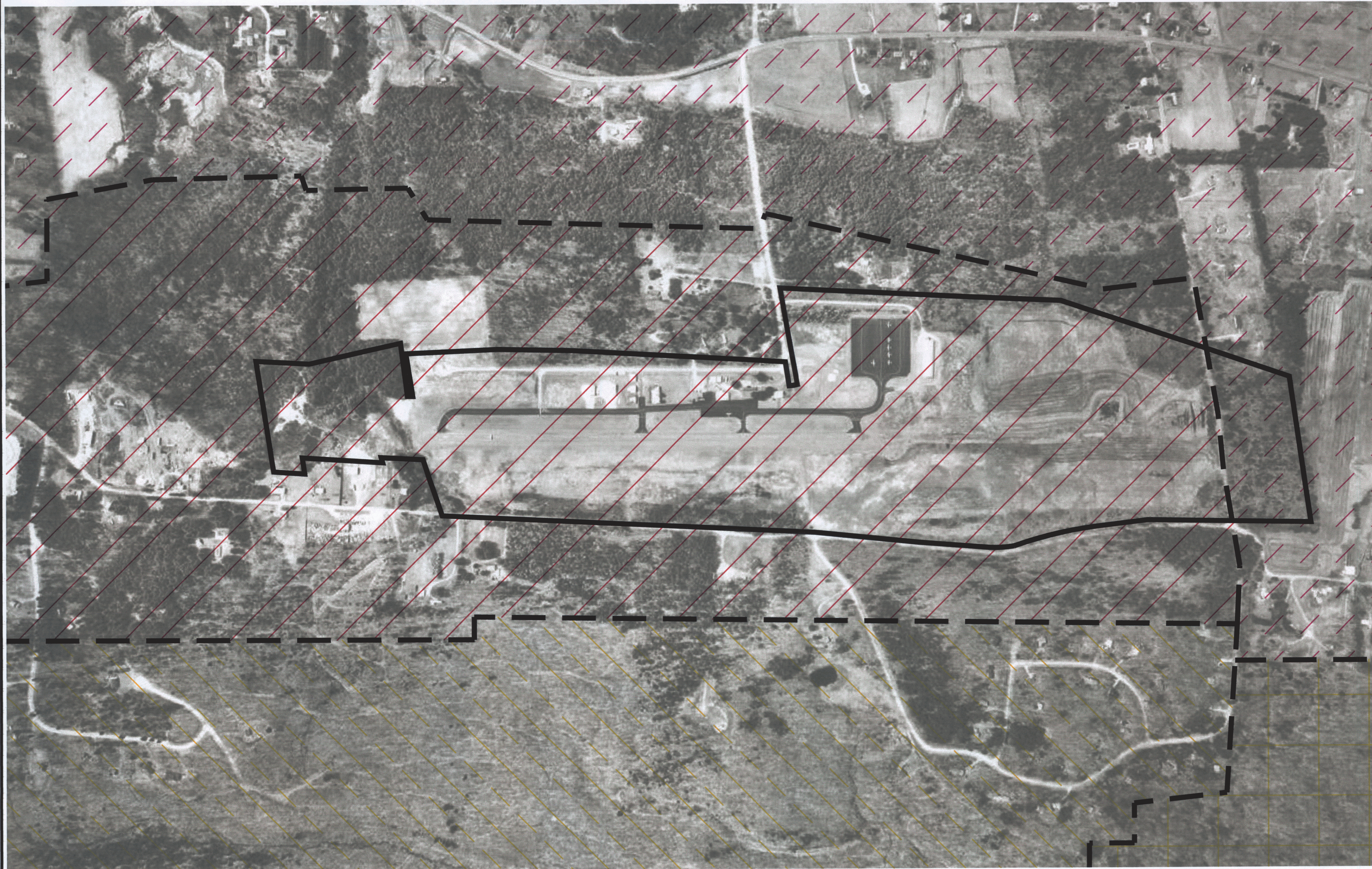


MIDDLEBURY STATE AIRPORT

FAR PART 77 IMAGINARY SURFACES PLAN

Project No.	8190014
Proj. Manager	JW
Proj. Designer	JW
Drawn By	MRS
Checked By	JW
Scale	1" = 1000'
Approved	DCD
Date	01/00

Rev.	Description	By	Date



LEGEND

AIRPORT DISTRICT



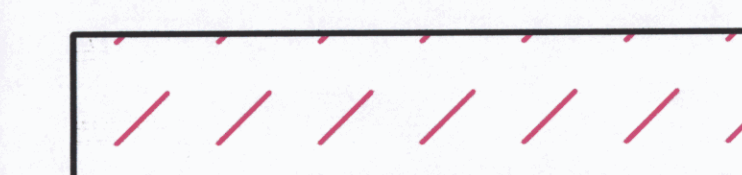
MEDIUM DENSITY RESIDENTIAL



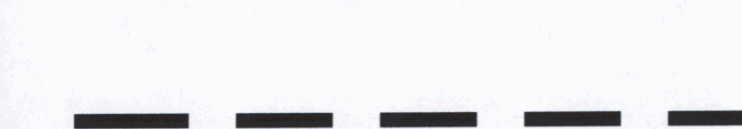
FOREST CONSERVATION AREA



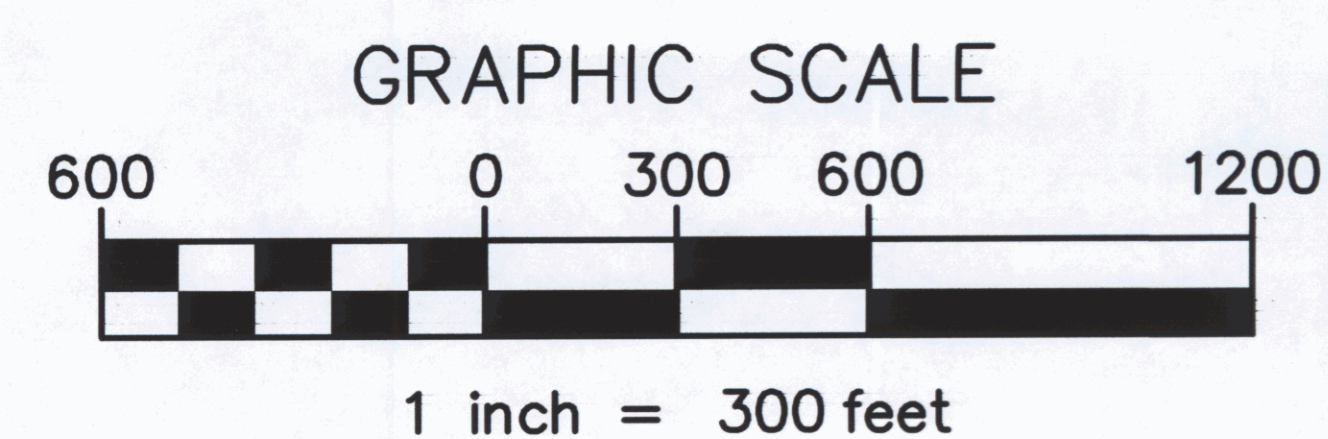
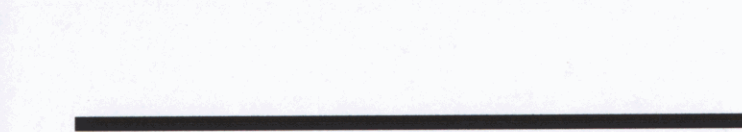
AGRICULTURAL RURAL RESIDENTIAL



ZONING BOUNDARY



AIRPORT PROPERTY LINE



DH
Dufresne-Henry
 Consulting Engineers
 Portland, Maine

MIDDLEBURY STATE AIRPORT

FIGURE 6-1
 ZONING MAP

MIDDLEBURY

VERMONT

Project No.	8190014
Proj. Mgr.	MLC
Scale	1"=300'
Date	05-09-00
B	