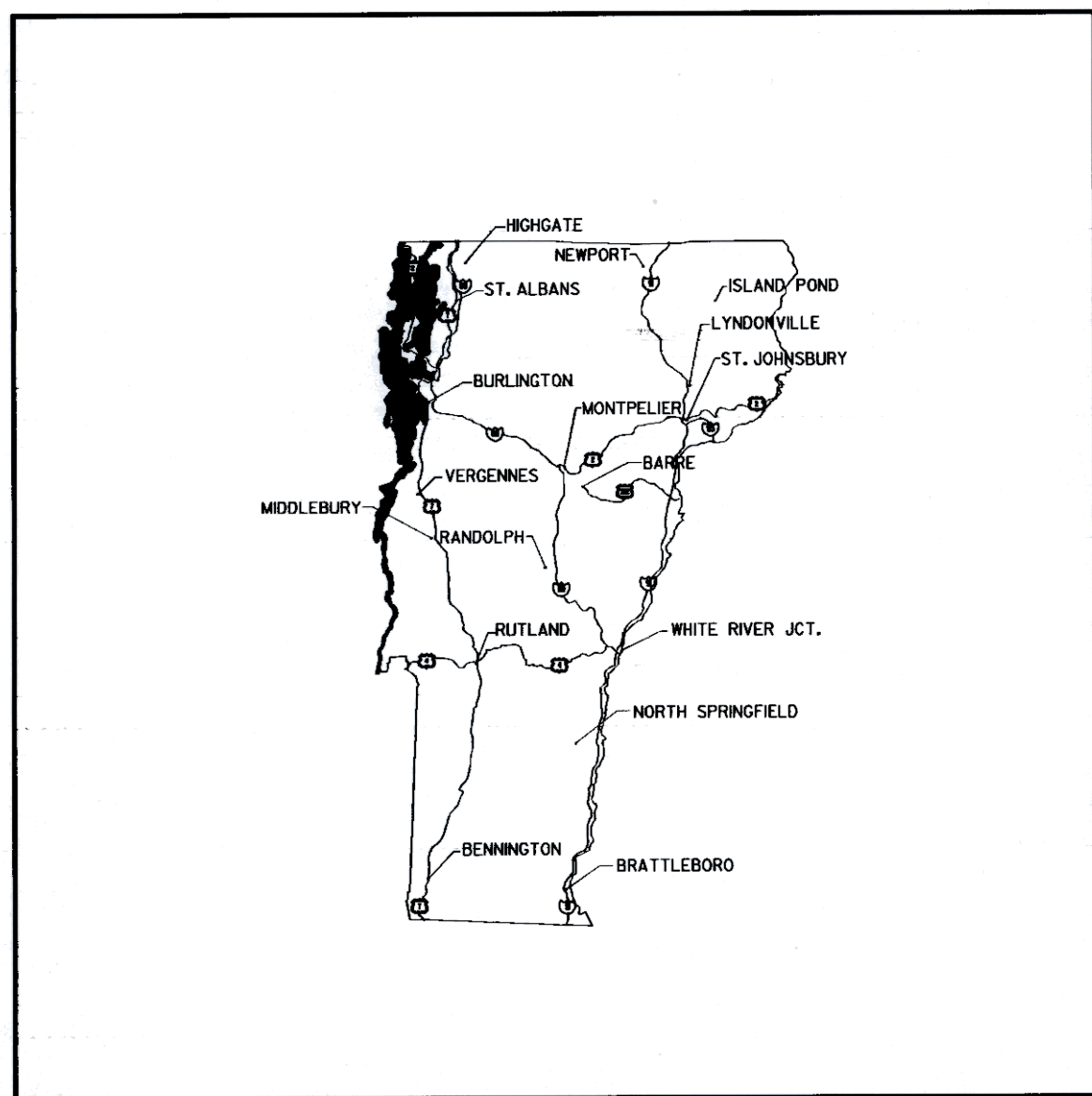


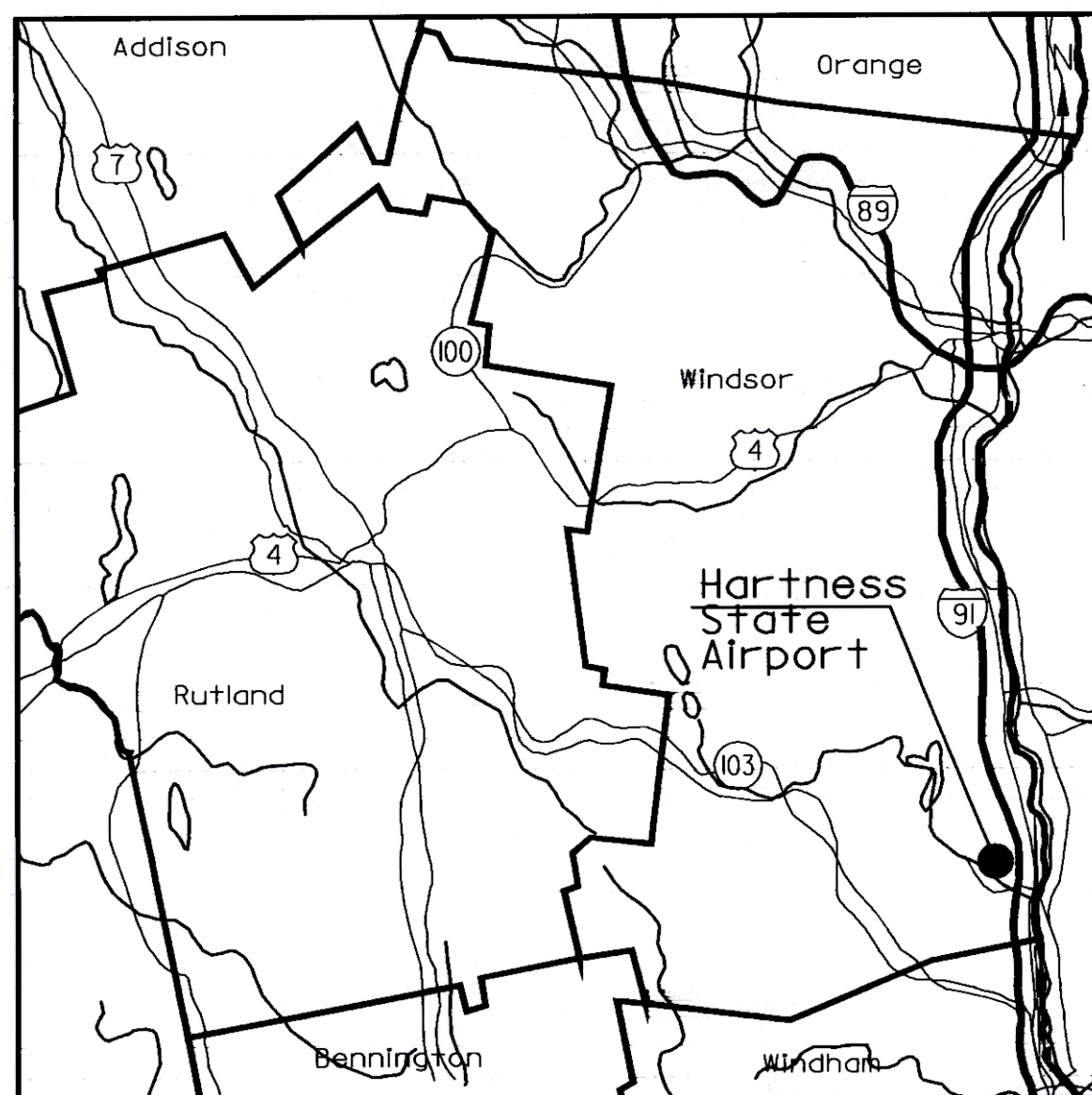
AIRPORT LAYOUT PLAN UPDATE

HARTNESS STATE AIRPORT SPRINGFIELD, VERMONT

MAY 2000



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



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

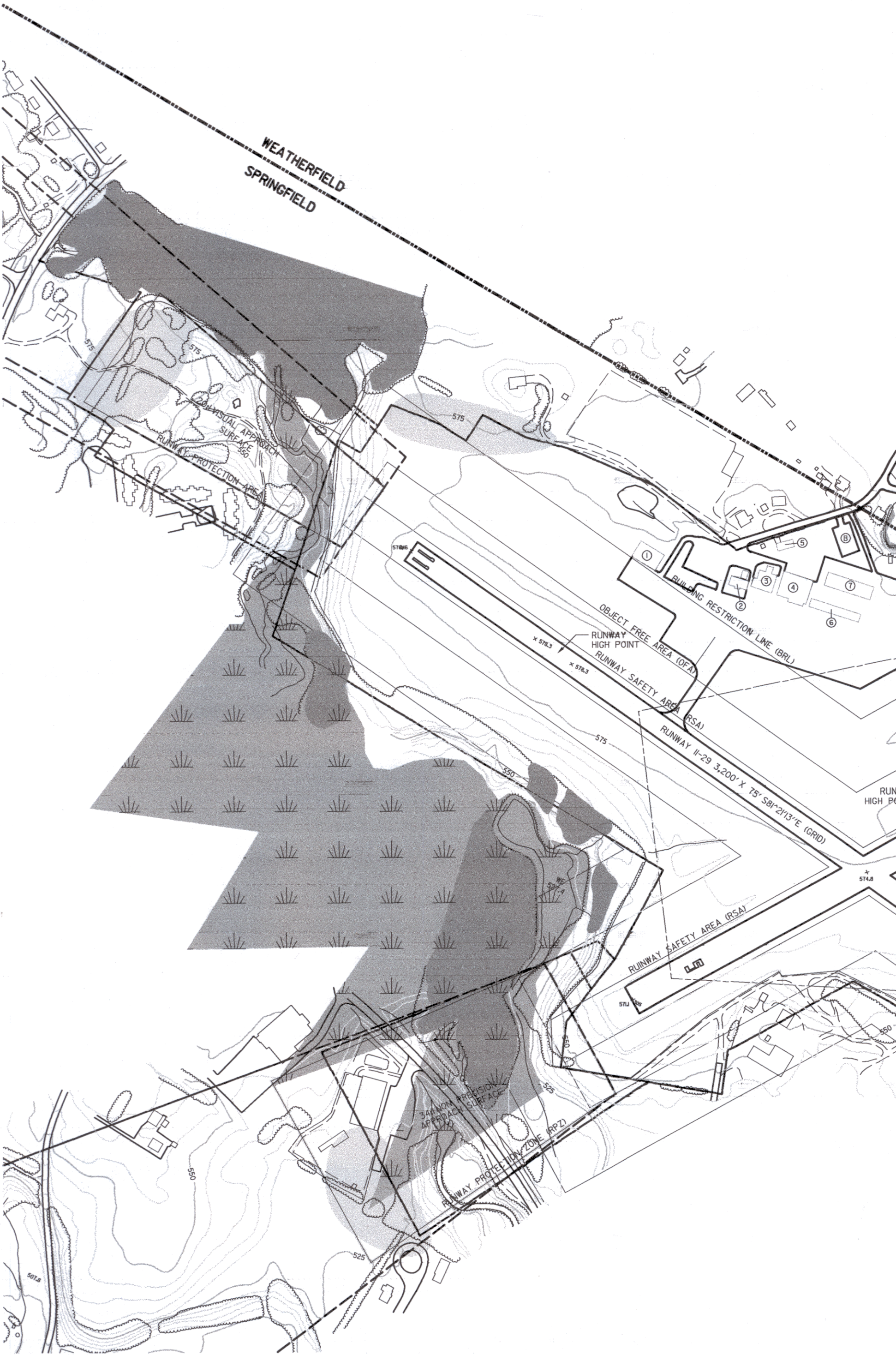
Wastewater
Water

ASSOCIATED DISCIPLINES
Construction Management
Site Assessments
Surveying

APPLIED SCIENCES
Geologic
Hydrologic
Water Quality

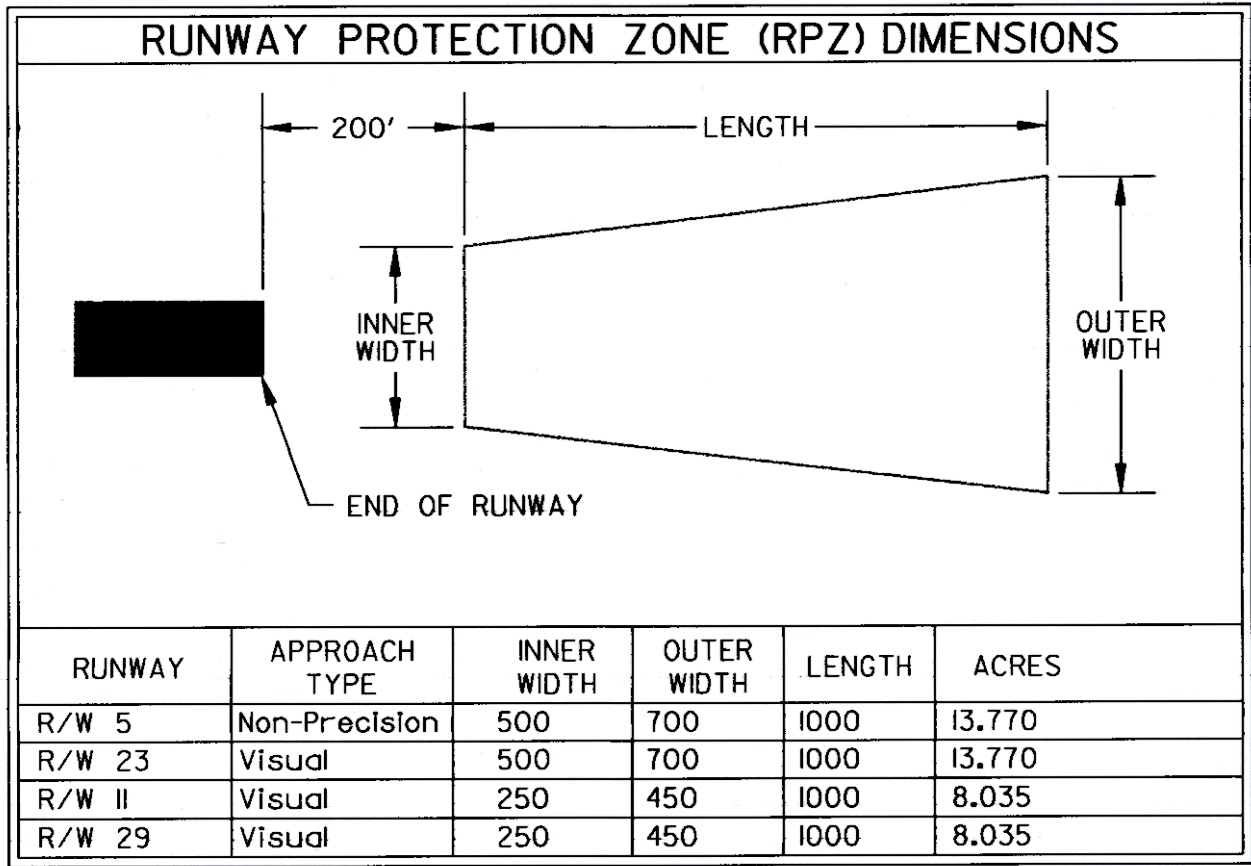
AIRPORT DATA	EXISTING
AIRPORT ELEVATION	578.3'
AIRPORT REFERENCE POINT	N 43°20' 35" W 72°31' 05"
MEAN MAX. TEMP. (HOTTEST MO.)	80° F
TAXIWAY LIGHTING	--
TAXIWAY MARKING	--
AIRPORT/TERMINAL NAVAIDS	GPS/VOR
AIRPORT REFERENCE CODE (ARC)	B-II
ACREAGE OWNED IN FEE SIMPLE	353 Acres
ACREAGE OWNED IN EASEMENT	--
USE/OWNERSHIP	General Aviation/State

EXISTING	BUILDINGS
①	Maintenance Hangar / Sprt
②	48' x 48' Hangar Under Cons
③	Hangar 3 Units
④	T-Hangar
⑤	T-Hangar
⑥	GA Hangar
⑦	Hangar 3 Units
⑧	Prestige Paint Shop Hangar
EXISTING	TERMINAL AREA PAVEMENT
Ⓐ	Main Apron
Ⓑ	Fuel Apron

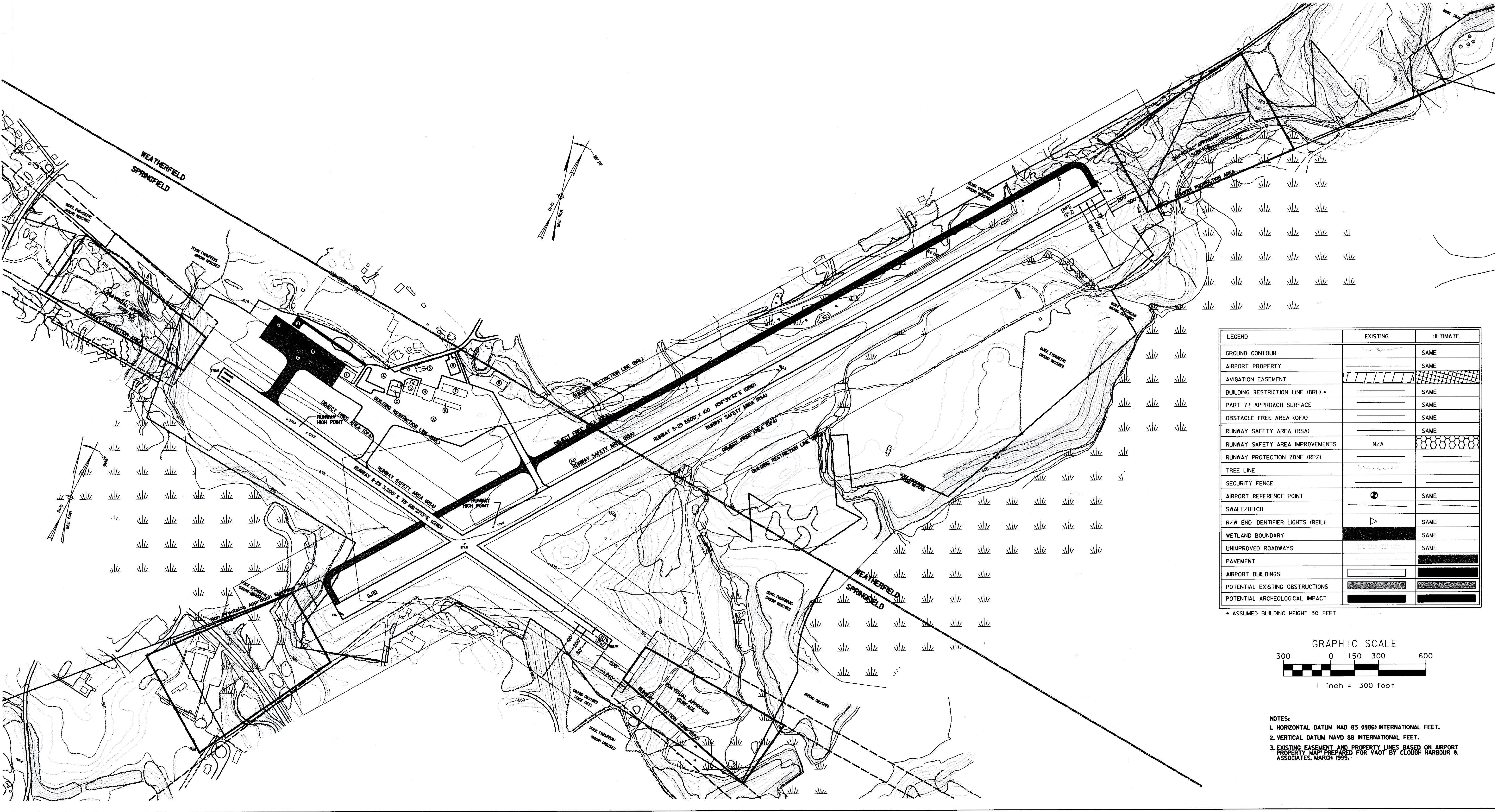


AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION	578.3'	
AIRPORT REFERENCE POINT	N 43°20'35" W 72°3'05"	
MEAN MAX. TEMP. (HOTTEST MO.)	80° F	
TAXIWAY LIGHTING	--	
TAXIWAY MARKING	--	
AIRPORT/TERMINAL NAV AIDS	GPS/VOR	
AIRPORT REFERENCE CODE (ARC)	B-II	
ACREAGE OWNED IN FEE SIMPLE	353 Acres	
ACREAGE OWNED IN EASEMENT	--	
USE/OWNERSHIP	General Aviation/State	

EXISTING	ULTIMATE	BUILDINGS
①		Maintenance Hangar / Springfield Aviation
②		48' x 48' Hangar Under Construction
③		Hangar 3 Units
④		T-Hangar
⑤		T-Hangar
⑥		GA Hangar
⑦		Hangar 3 Units
⑧		Prestige Paint Shop Hangar
	⑨	IO Unit T-Hangar
	⑩	Corporate / FBO Hangar
EXISTING	ULTIMATE	TERMINAL AREA PAVEMENT
Ⓐ		Main Apron
Ⓑ		Fuel Apron
	Ⓒ	Hangar Apron / Stub T/W
	Ⓓ	Auto Parking & Access



RUNWAY DATA	EXISTING		EXISTING	
	5	23	II	29
PAVEMENT STRENGTH	12,500 SW	12,500 SW	12,500 SW	12,500 SW
APPROACH SURFACES	Non Precision 20ft	Visual 20ft	Visual 20ft	Visual 20ft
RUNWAY MARKINGS	Non Precision	Visual	Visual	Visual
RUNWAY LIGHTING	MIRL	MIRL	MIRL	MIRL
RUNWAY NAV AIDS	REIL LOC/DME	None	None	None
EFFECTIVE GRADIENT	0.32*		0.22*	
RUNWAY END ELEVATIONS	571.1	554.4	576.2	569.0
RUNWAY END COORDINATES	N 43°20'20" W 72°3'16"	N 43°21'05" W 72°30'34"	N 43°20'30" W 72°31'35"	N 43°20'26" W 72°30'55"
RUNWAY LENGTH	5498'	5498'	3000	3000
RUNWAY WIDTH	100'	100'	75'	75'
EXTENDED RSA COMPLIANCE	NO	NO	NO	YES



Project No. 819014
Proj. Manager MC
Proj. Designer JMW
Drawn By GPR
Checked By MS
Scale 1"=300'
Approved Date 11-9-99

HARTNESS STATE AIRPORT

ULTIMATE AIRPORT LAYOUT PLAN

SPRINGFIELD

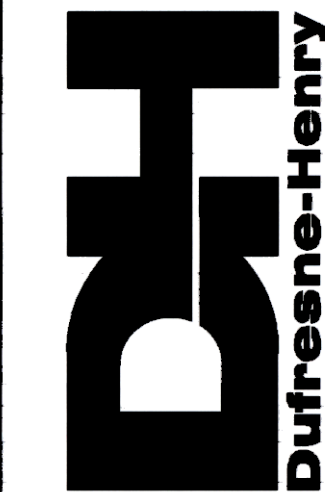
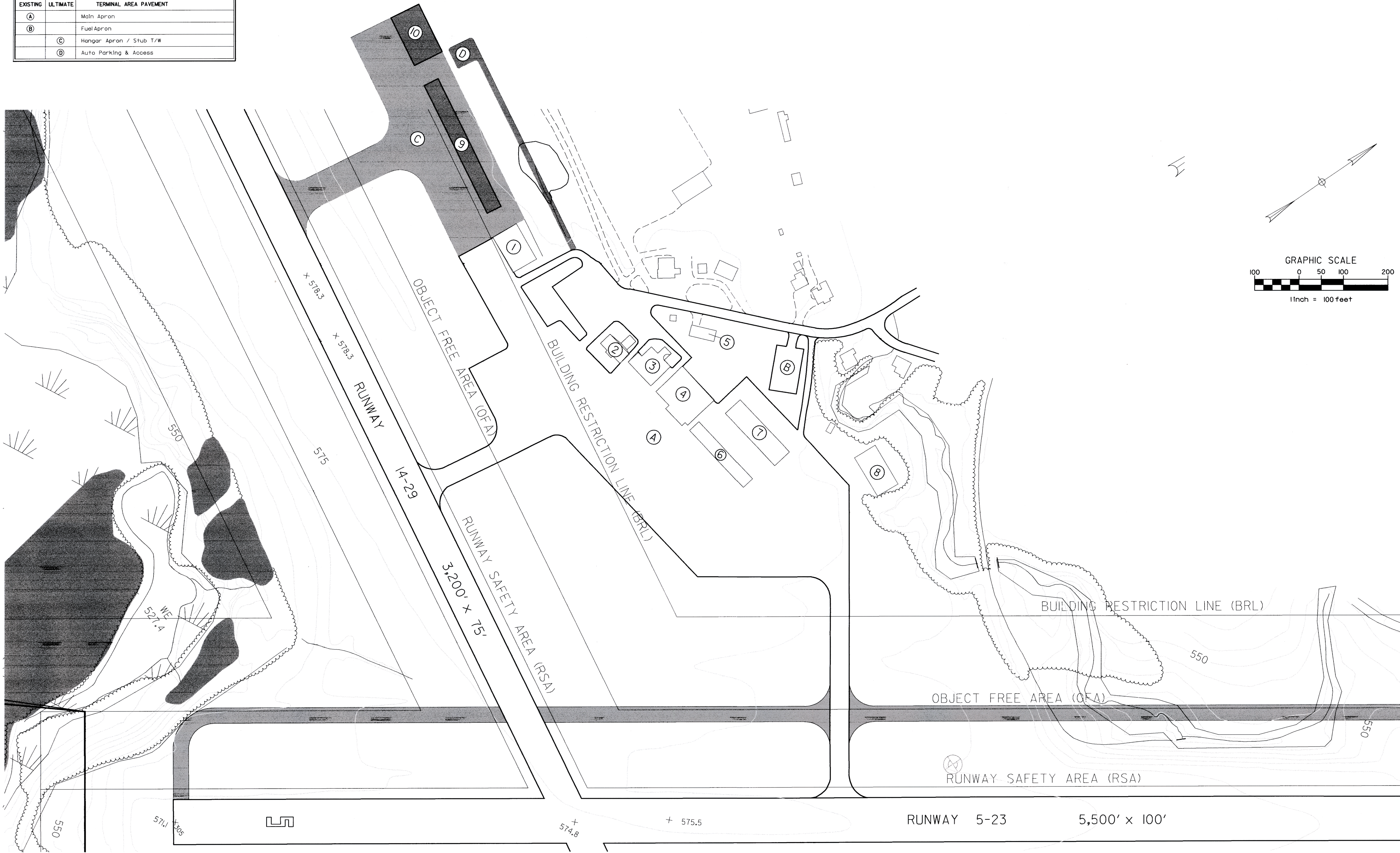
Sheet 3 of 7

Rev. By Date

Descr iption

VERMONT

EXISTING	ULTIMATE	BUILDINGS
①		Maintenance Hangar / Springfield Aviation
②		48' x 48' Hangar Under Construction
③		Hangar 3 Units
④		T-Hangar
⑤		T-Hangar
⑥		GA Hangar
⑦		Hangar 3 Units
⑧		Prestige Paint Shop Hangar
	⑨	10 Unit T-Hangar
	⑩	Corporate / FBO Hangar
EXISTING	ULTIMATE	TERMINAL AREA PAVEMENT
Ⓐ		Main Apron
Ⓑ		Fuel Apron
	Ⓒ	Hangar Apron / Stub T/W
	Ⓓ	Auto Parking & Access



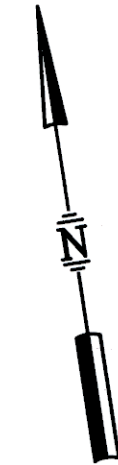
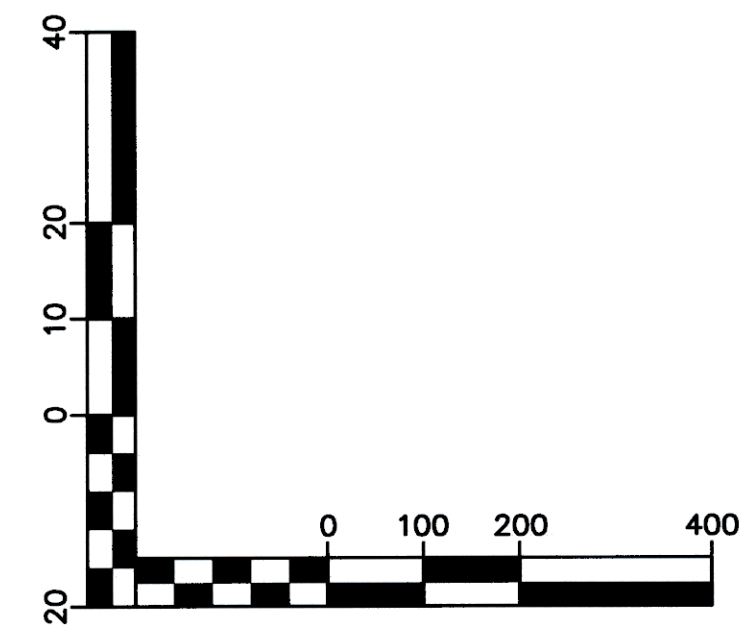
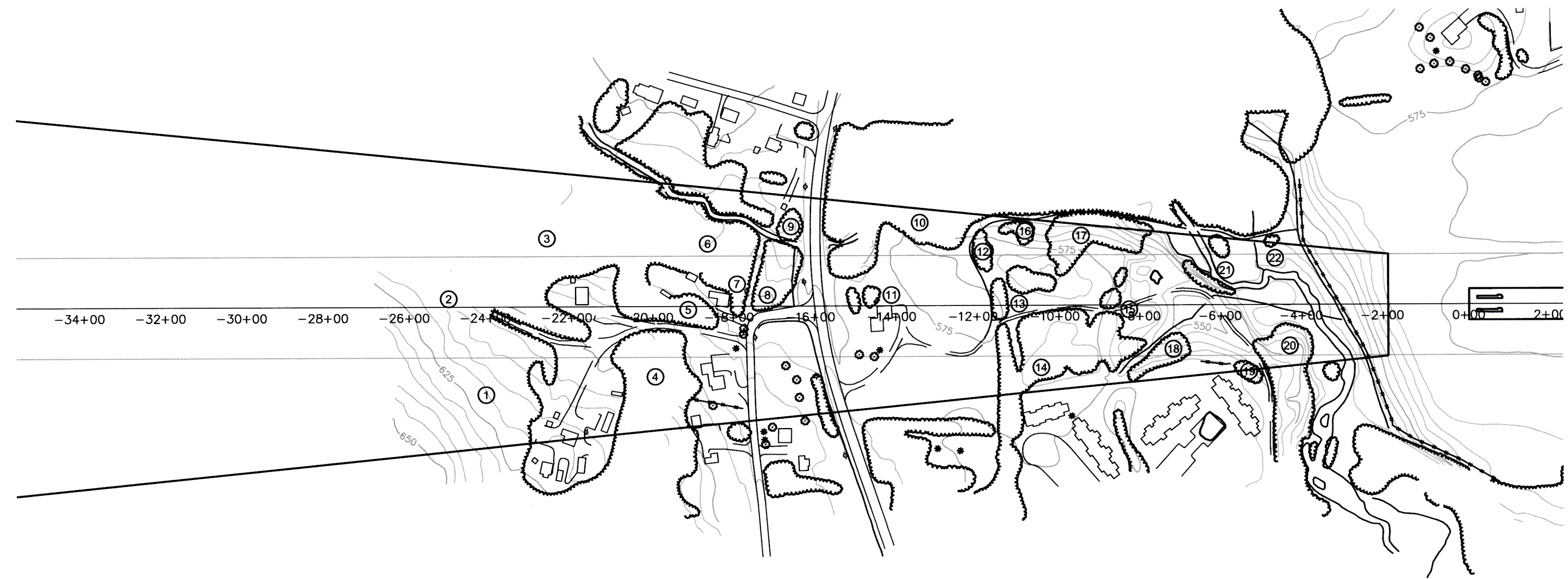
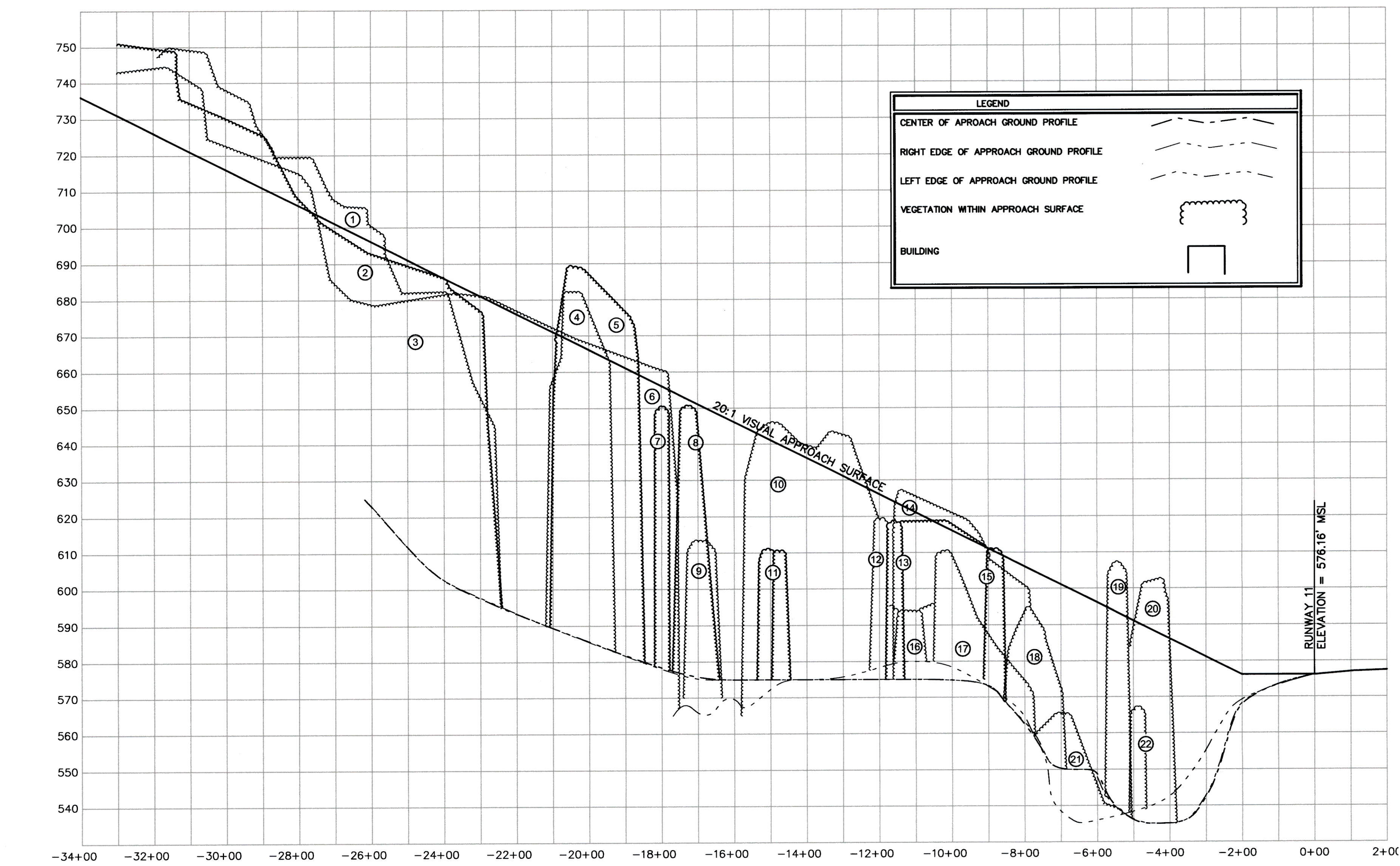
Rev.	Description	By	Date

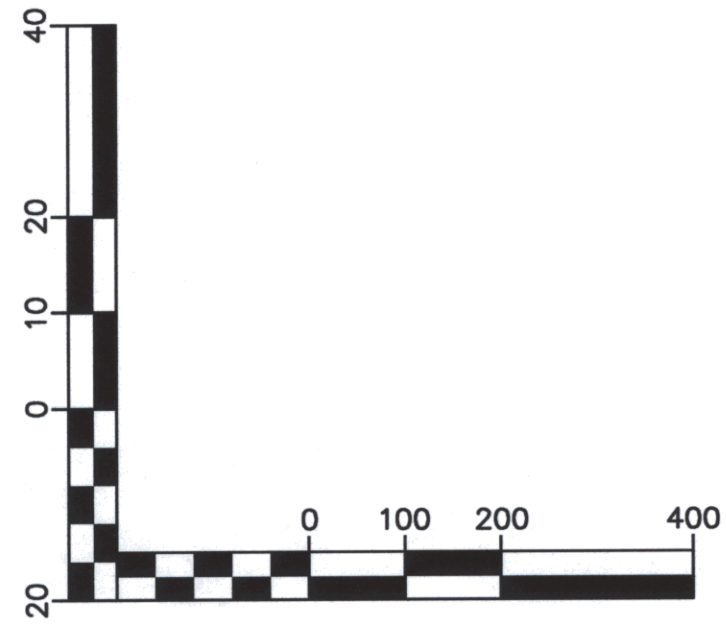
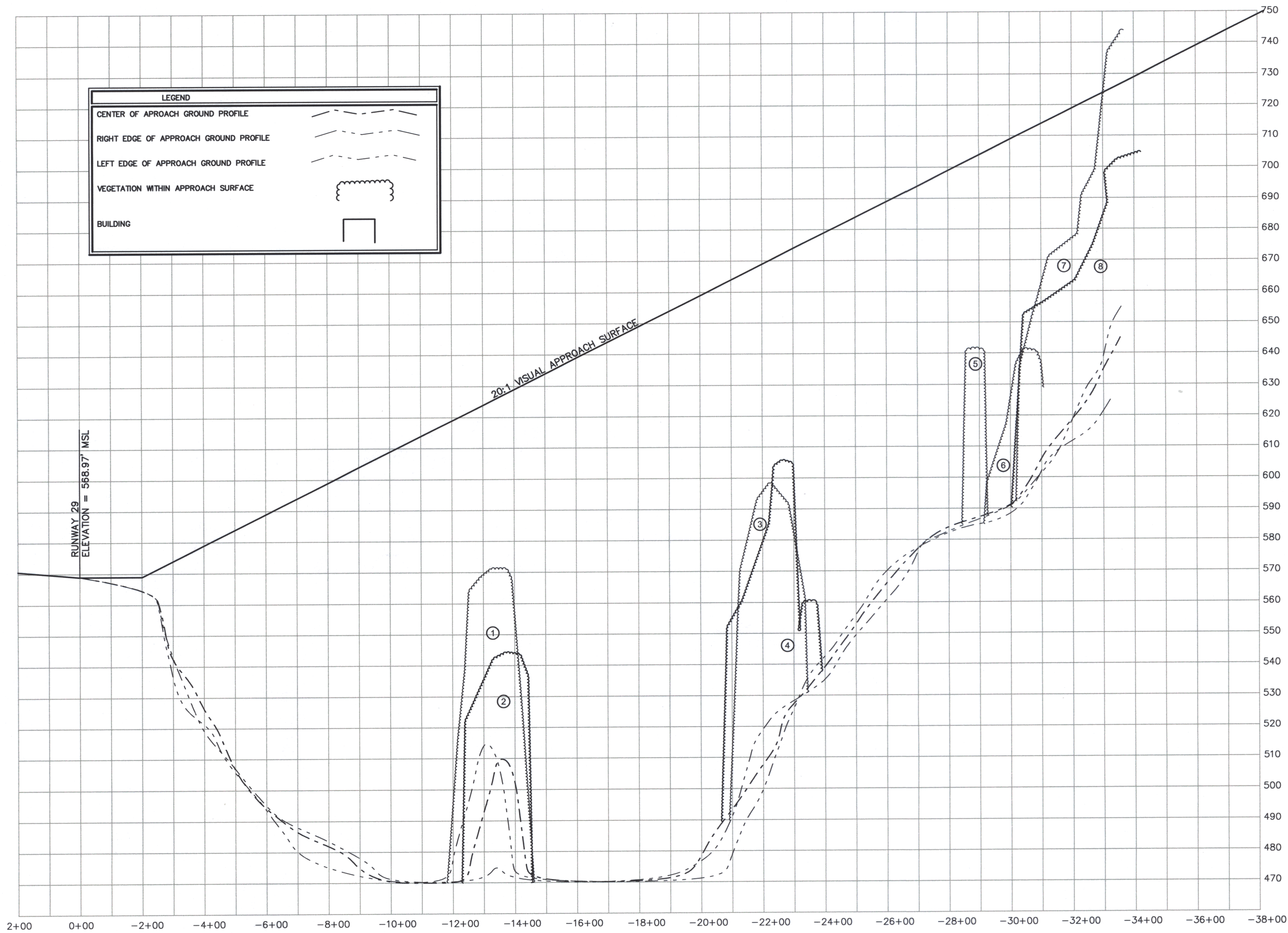
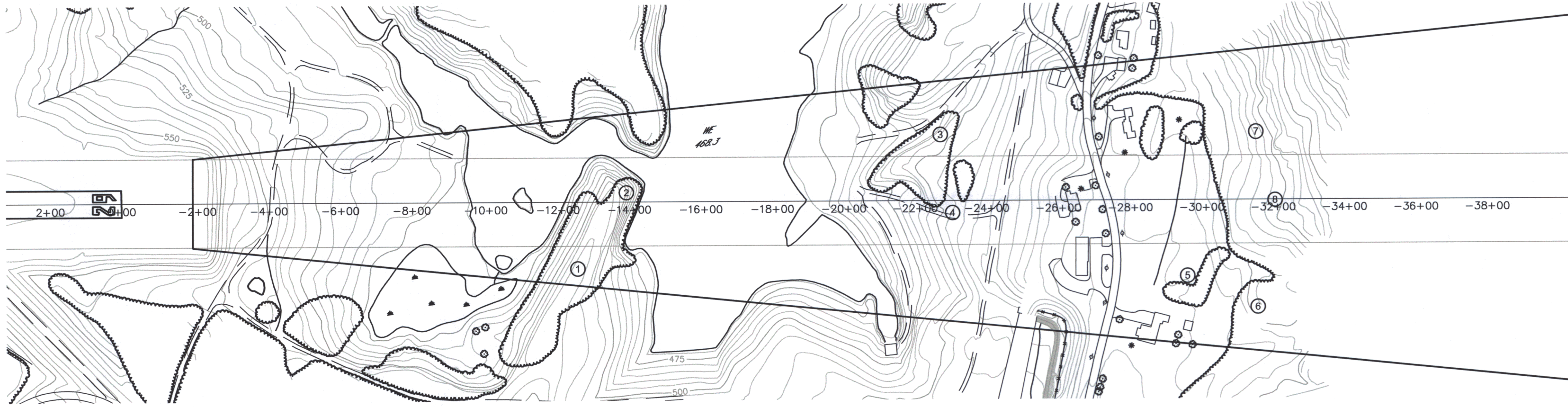
VERMONT

HARTNESS STATE AIRPORT
TERMINAL AREA PLAN

SPRINGFIELD

Project No.	8180014
Proj. Manager	MC
Proj. Designer	JW
Drawn By	GPR
Checked By	MS
Scale	1" = 100'
Approved	
Date	9-7-99





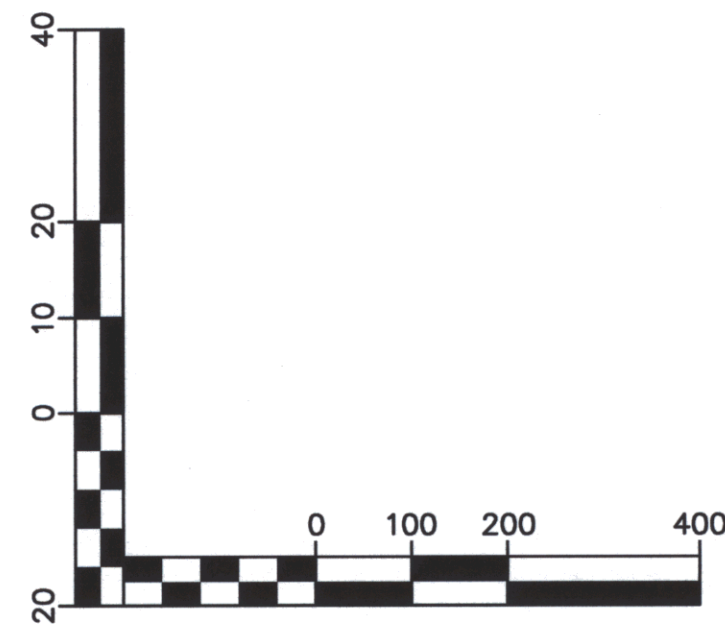
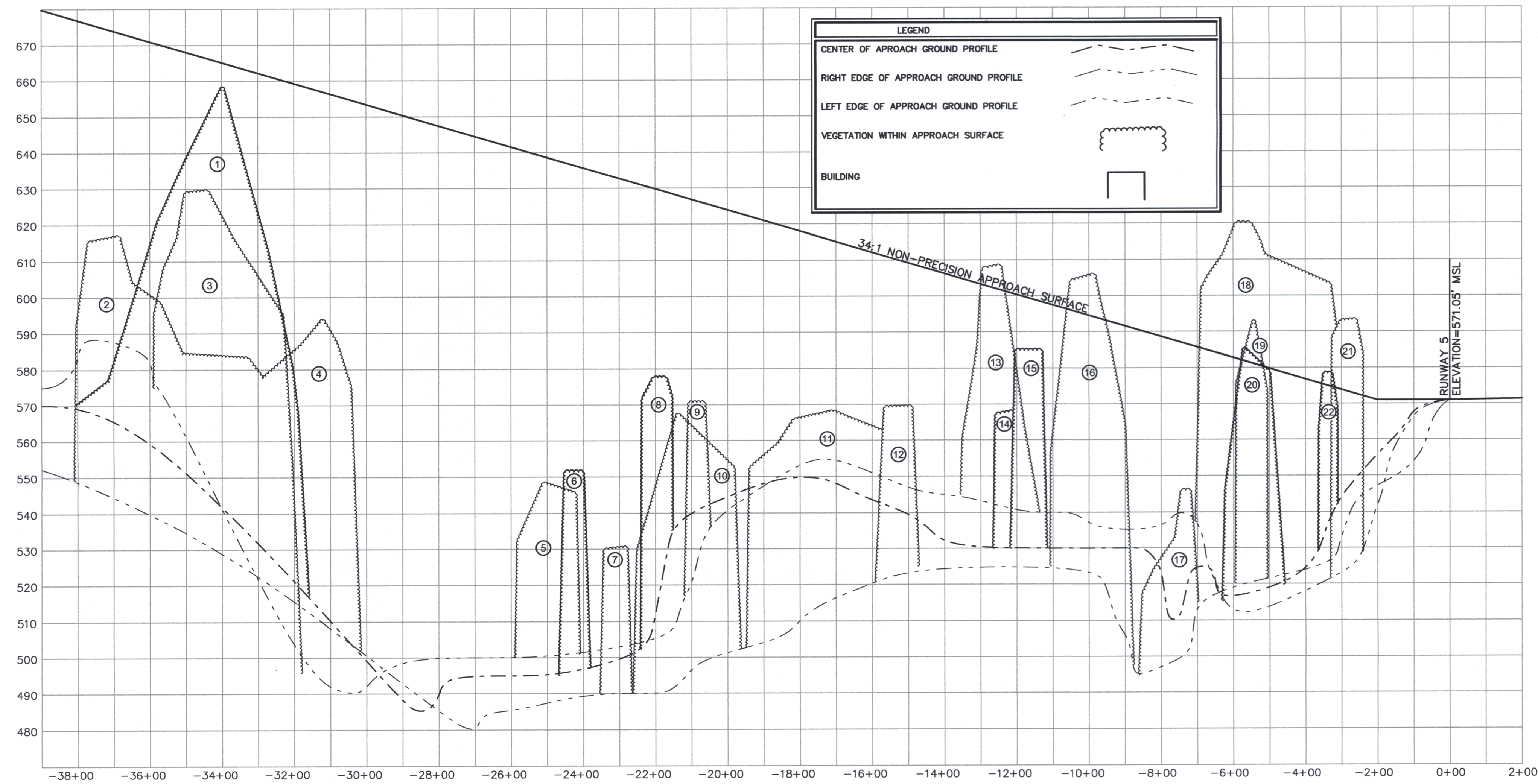
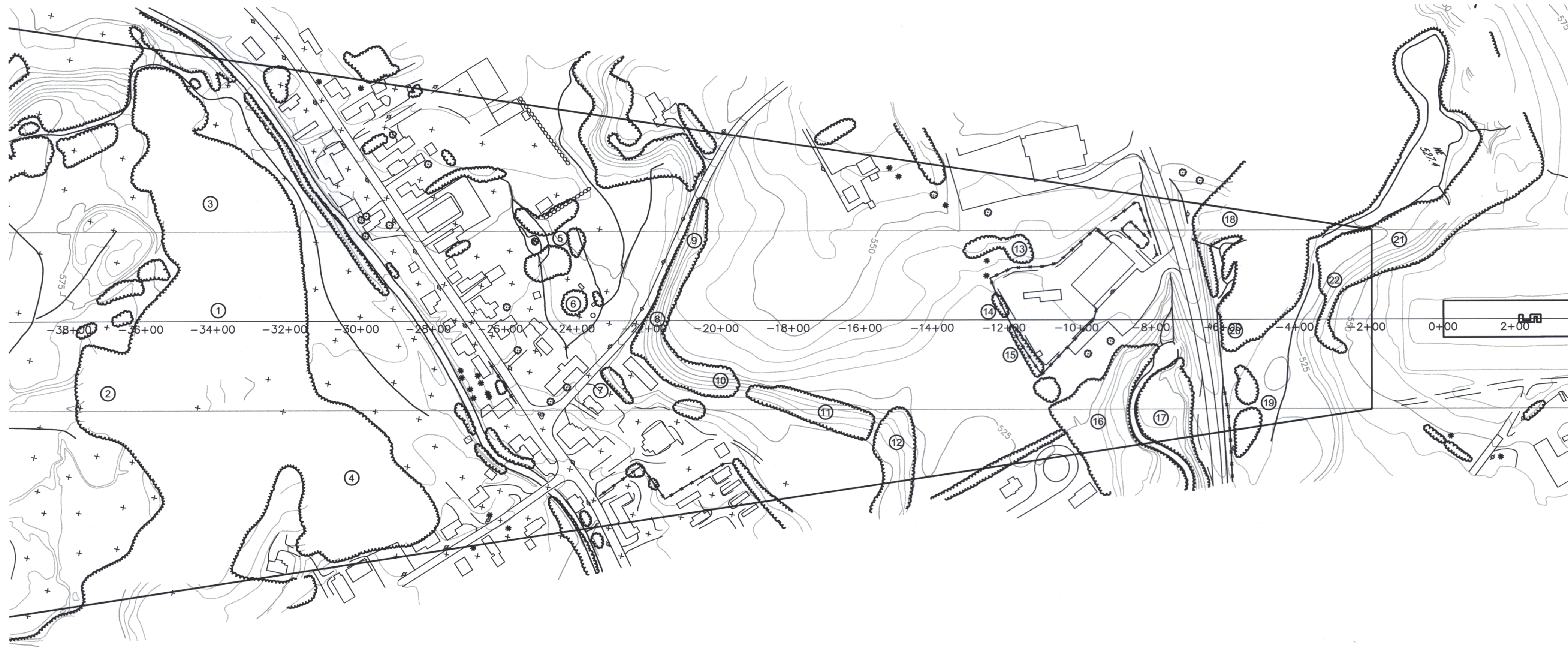
HARTNESS STATE AIRPORT

RUNWAY 29
F.A.R. PART 77 PLAN AND PROFILE

SPRINGFIELD

VERMONT

Project No.	8190014
Proj. Manager	JW
Proj. Designer	JW
Drawn By	MRS
Checked By	JW
Scale	1" = 200'
Approved	
Date	06/00



HARTNESS STATE AIRPORT

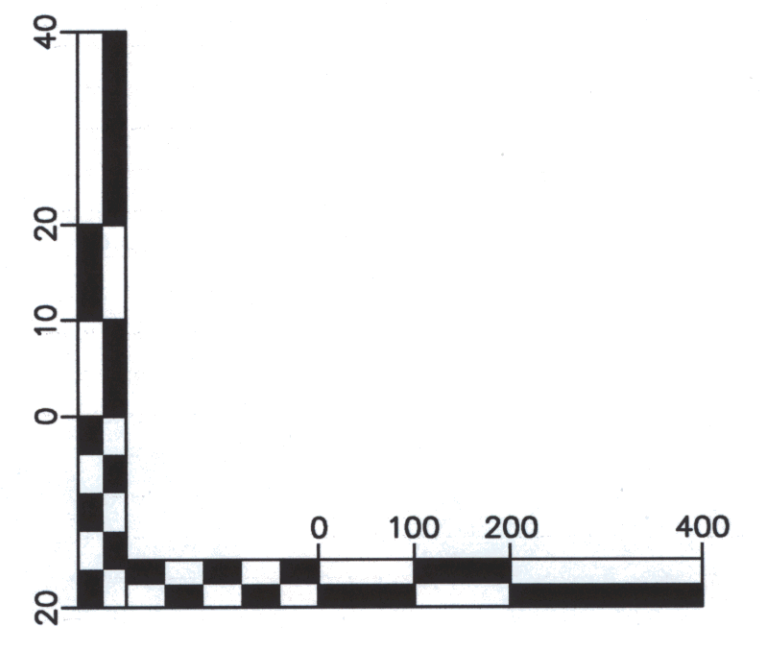
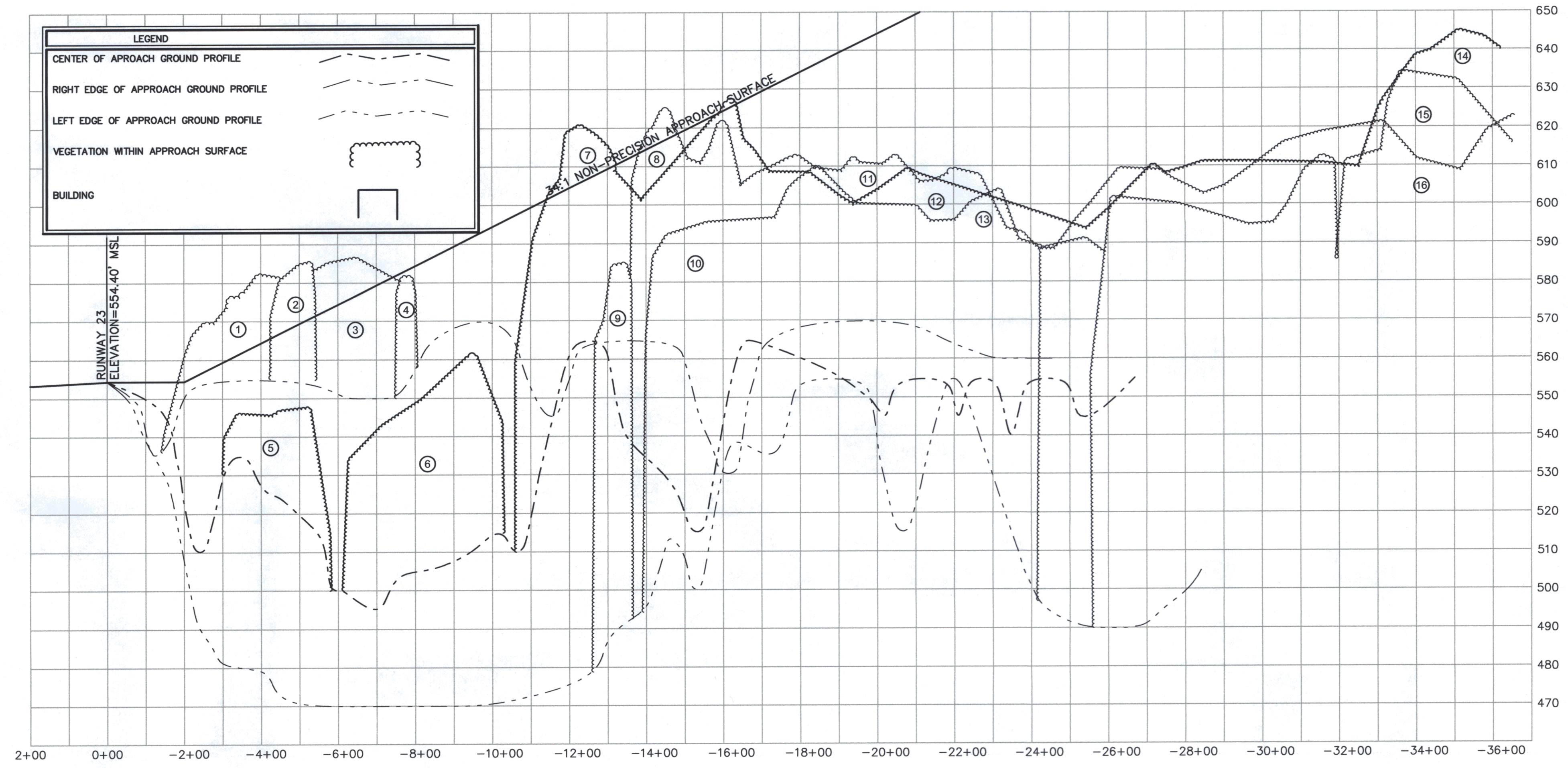
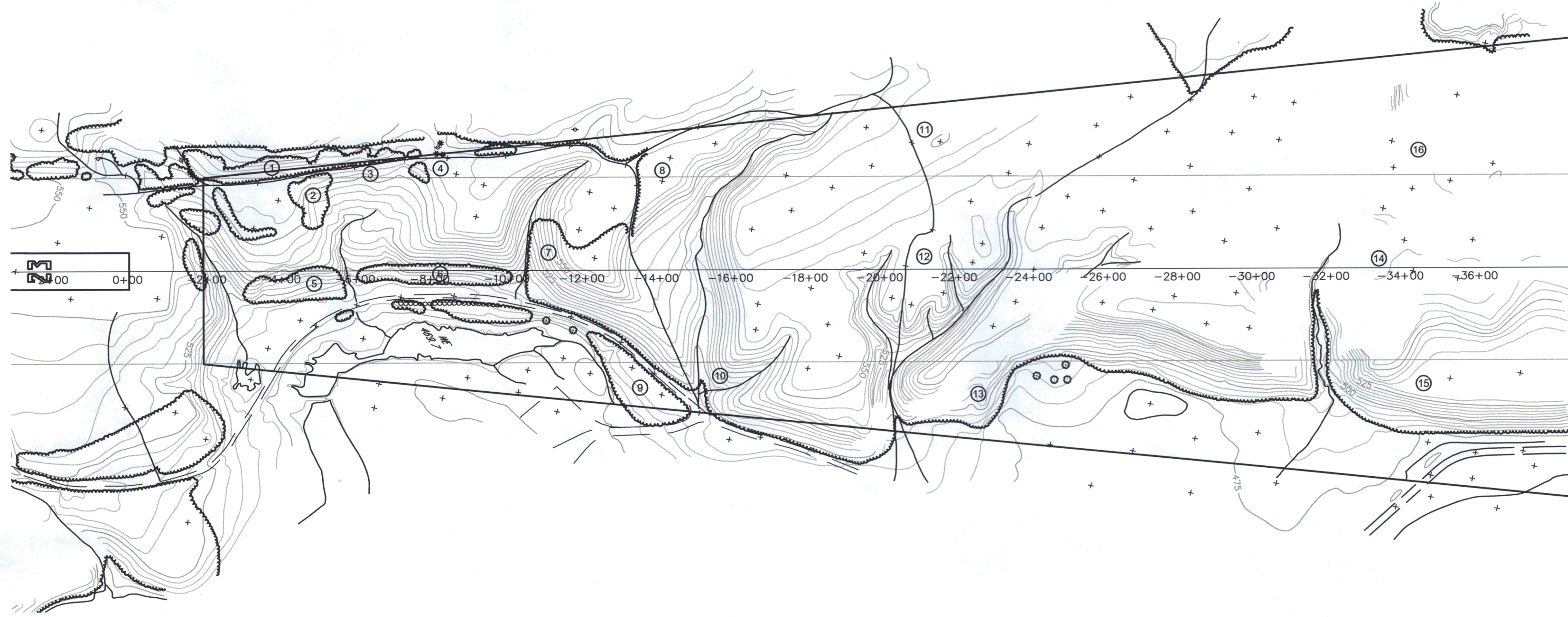
F.A.R. PART 77 PLAN AND PROFILE

SPRINGFIELD

VERMONT

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

Rev.	Description	By	Date

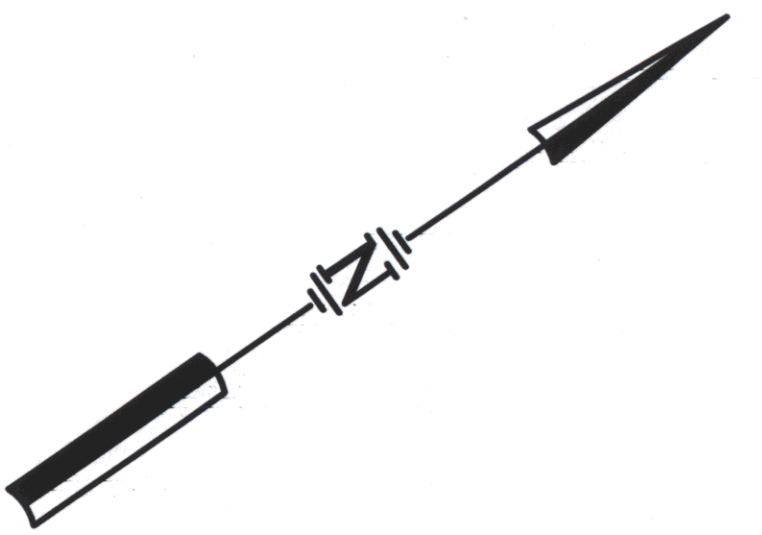
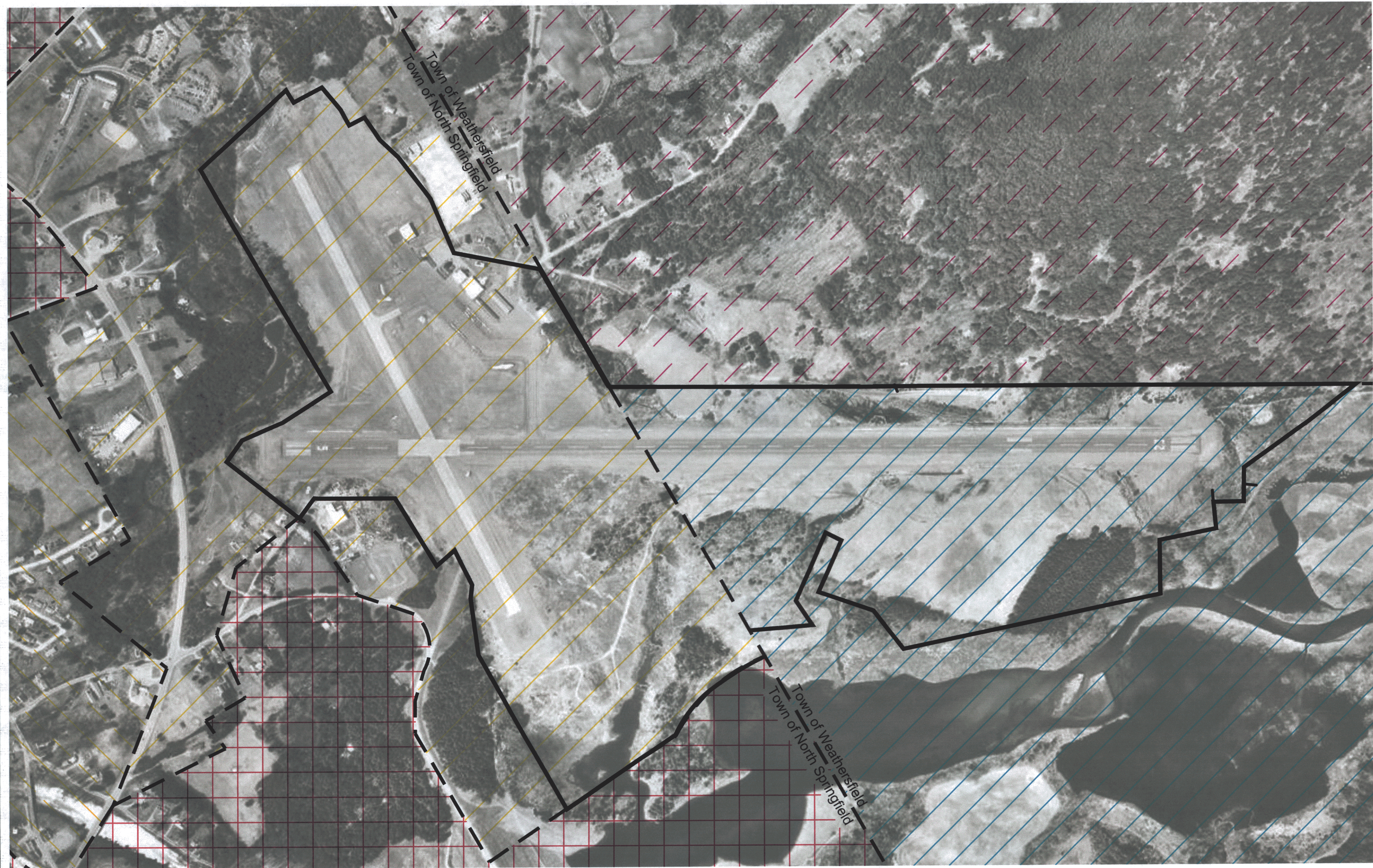


Rev.	Description	By	Date

HARTNESS STATE AIRPORT
RUNWAY 23
F.A.R. PART 77 PLAN AND PROFILE
VERMONT
SPRINGFIELD

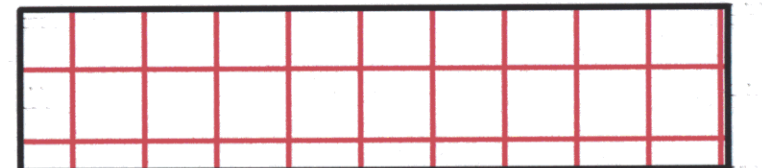
Project No.	9190014
Proj. Manager	JW
Proj. Designer	JW
Drawn By	MRS
Checked By	JW
Scale	1" = 200'
Approved	05/00
Date	





LEGEND

MDR MEDIUM DENSITY RESIDENTIAL



RC RESIDENTIAL COMMERCIAL



GB GENERAL BUSINESS



RR1 RURAL RESIDENTIAL



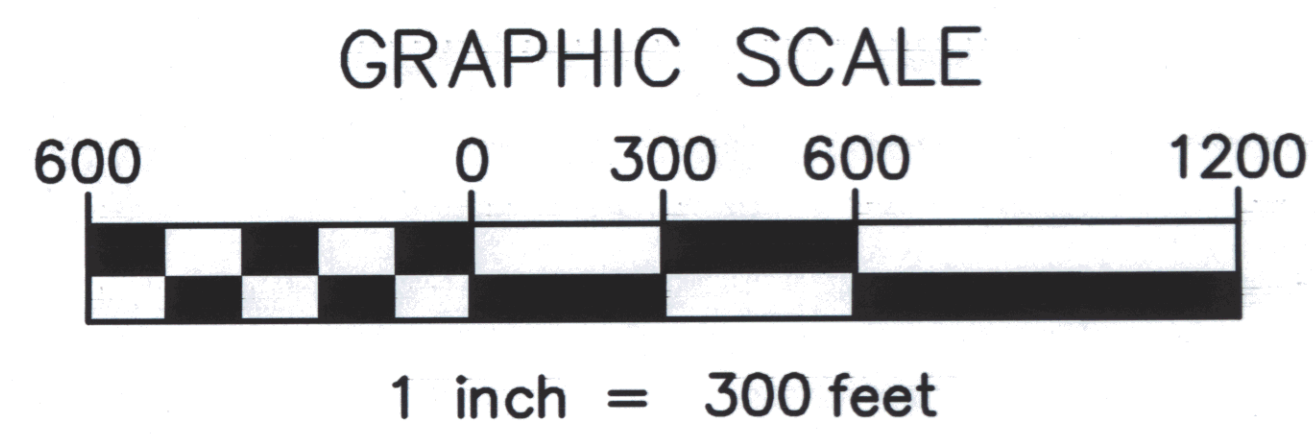
USCE US CORPS OF ENGINEERS



ZONING BOUNDARY



AIRPORT PROPERTY LINE



HARTNESS STATE AIRPORT

**FIGURE 6-1
ZONING MAP**

SPRINGFIELD

VERMONT

Project No.	8190014
Proj. Mgr.	MLC
Scale	1"=300'
Date	04/13/00
B	10