

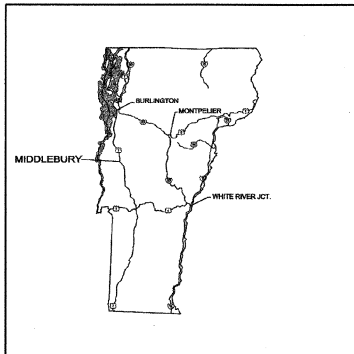
PLANS FOR IMPROVEMENTS TO MIDDLEBURY STATE AIRPORT

TO INCLUDE:
RECONSTRUCTION OF RUNWAY 1-19
RECONSTRUCTION OF TAXIWAY A
RECONSTRUCTION OF ACCESS ROAD

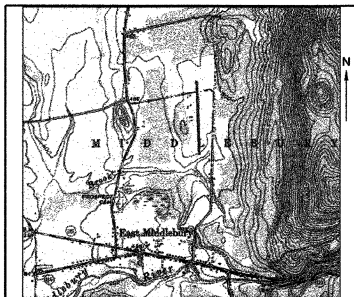
MIDDLEBURY, VERMONT

VAOT EA 043150

MAY 2000



LOCATION MAP



VICINITY MAP

RECORD PLANS

CONTRACTOR: FW WHITCOMB, CORP
 RESIDENT ENGINEER: DALE NORTON
 CONSTRUCTION BEGAN: JULY 12, 2000
 CONSTRUCTION COMPLETE: OCTOBER 30, 2001
 RECORD PLANS BY: K. NORTH & N. GARBACK

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY: *Robert P. Foster* RESIDENT ENGINEER
 DATE: *24 May 2004*

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

DUFRESNE-HENRY, INC
 SUBMITTED BY: *Michael J. Child*
 SENIOR PROJECT MANAGER
 DATE: *5/10/00*

VERMONT AGENCY OF TRANSPORTATION
 APPROVED BY: *Daniel C. Allen*
 DIRECTOR, MAINTENANCE & AVIATION DIVISION
 DATE: *May 17, 2000*

ITEM	DESCRIPTION	UNIT	QUANTITIES
203.15	Common Excavation	CY	10
203.16	Solid Rock Excavation	CY	10
203.31	Sand Borrow	CY	10
204.30	Granular Backfill for Structures	CY	10
404.65	Emulsified Asphalt	CWT	35
406.25	Bituminous Concrete Pavement	TON	4305
406.50	Price Adjustment Asphalt Cement (H.A.B.I.)	LS	1
524.11	Joint Sealer Hot Poured (MOD)	LF	150
631.17	Testing Equipment-Bituminous	LS	1
635.10	Mobilization	LS	1
646.50	Durable Letter of Symbol (MOD)(#1 Single)	Each	1
646.50	Durable Letter of Symbol (MOD)(#1)	Each	1
646.50	Durable Letter of Symbol (MOD)(#9)	Each	1
864.01	P-208A Cold Mixed Recycled Base Course	CY	5850
864.01	P-208A Cold Mixed Recycled Base Course(MOD)	CY	500
864.03	P-620 Runway and Taxiway Painting(Durable White)	SF	1400
864.03	P-620 Runway and Taxiway Painting(Durable Yellow)	SF	700
864.03	P-620 Runway and Taxiway Painting(Temporary White)	SF	1400
864.03	P-620 Runway and Taxiway Painting(Temporary Yellow)	SF	700

QUANTITIES

SHEET	TITLE
1	TITLE SHEET
2	CONSTRUCTION PHASING PLAN
3	CONSTRUCTION NOTES
4	PLAN & PROFILE STA. 20+00 TO STA. 31+00
5	PLAN & PROFILE STA. 31+00 TO STA. 41+00
6	PLAN & PROFILE STA. 41+00 TO STA. 45+03.77
7	PLAN & PROFILE STA. 100+00 TO STA. 107+08
8	TAXIWAY INTERSECTION GRADING PLANS
9	TYPICAL DETAILS
10	RUNWAY 1-19 MARKING PLAN

VTRANS STANDARD DRAWINGS	DATE
AP-10	RUNWAY MARKING DETAILS 6-1-94
AP-11	TAXIWAY AND APRON MARKING DETAILS 6-1-94
E-106	TRAFFIC CONTROL AND MISCELLANEOUS DETAILS 8-8-95
T-2	TEMPORARY EROSION CONTROL DETAILS 6-1-94

INDEX OF SHEETS



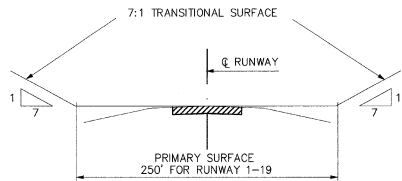
SOUTH BURLINGTON, VERMONT
 Tel. (802) 864-0223 • FAX (802) 864-0165
 www.dufresne-henry.com



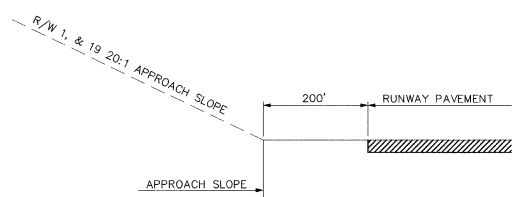
OFFICES:

VERMONT Montpelier N. Springfield S. Burlington Williston	NEW YORK Newburgh Pawling Rochester Seneca Springs	MASSACHUSETTS Boston Greenfield Westford
NEW HAMPSHIRE Manchester	MAINE Portland	FLORIDA Fort Dickieville Siemenside

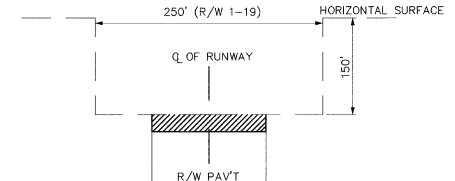
REVISED 6/21/00 PLD



(A) TYPICAL SECTION F.A.R. PART 77 IMAGINARY SURFACES
NOT TO SCALE



(B) TYPICAL PROFILE F.A.R. PART 77 IMAGINARY SURFACES
NOT TO SCALE



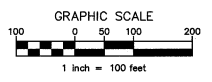
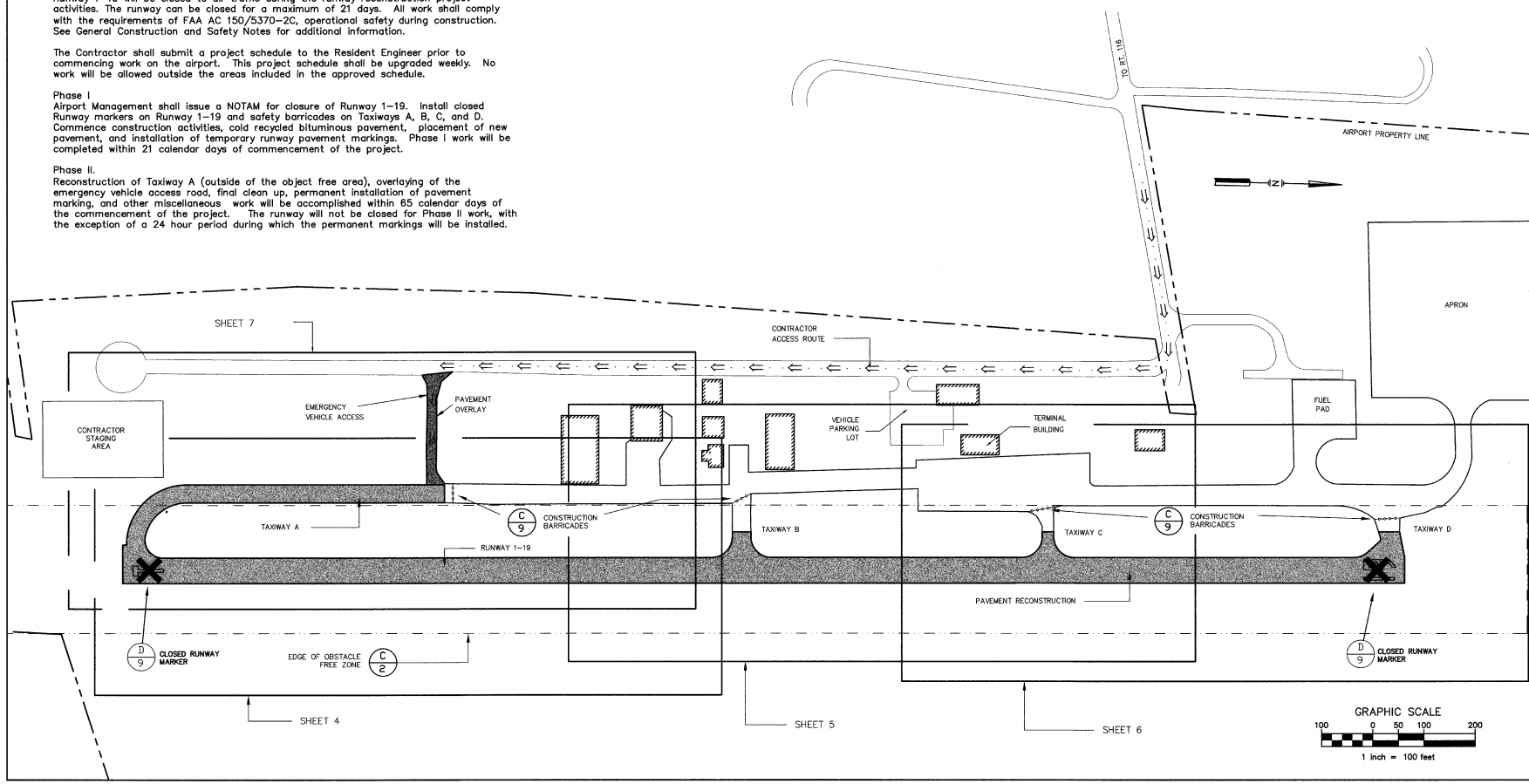
(C) RUNWAY OBSTACLE FREE ZONE TYPICAL SECTION
NOT TO SCALE

Construction sequencing notes:
Runway 1-19 will be closed to air traffic during the runway reconstruction project activities. The runway can be closed for a maximum of 21 days. All work shall comply with the requirements of FAA AC 150/5370-2C, operational safety during construction. See General Construction and Safety Notes for additional information.

The Contractor shall submit a project schedule to the Resident Engineer prior to commencing work on the airport. This project schedule shall be upgraded weekly. No work will be allowed outside the areas included in the approved schedule.

Phase I
Airport Management shall issue a NOTAM for closure of Runway 1-19. Install closed Runway markers on Runway 1-19 and safety barricades on Taxiways A, B, C, and D. Commence construction activities, cold recycled bituminous pavement, placement of new pavement, and installation of temporary runway pavement markings. Phase I work will be completed within 21 calendar days of commencement of the project.

Phase II
Reconstruction of Taxiway A (outside of the object free area), overlaying of the emergency vehicle access road, final clean up, permanent installation of pavement marking, and other miscellaneous work will be accomplished within 65 calendar days of the commencement of the project. The runway will not be closed for Phase II work, with the exception of a 24 hour period during which the permanent markings will be installed.



Rev.	Description	By	Date

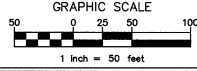
MIDDLEBURY STATE AIRPORT
VTD GEN 45168
CONSTRUCTION PHASING PLAN
MIDDLEBURY VERMONT



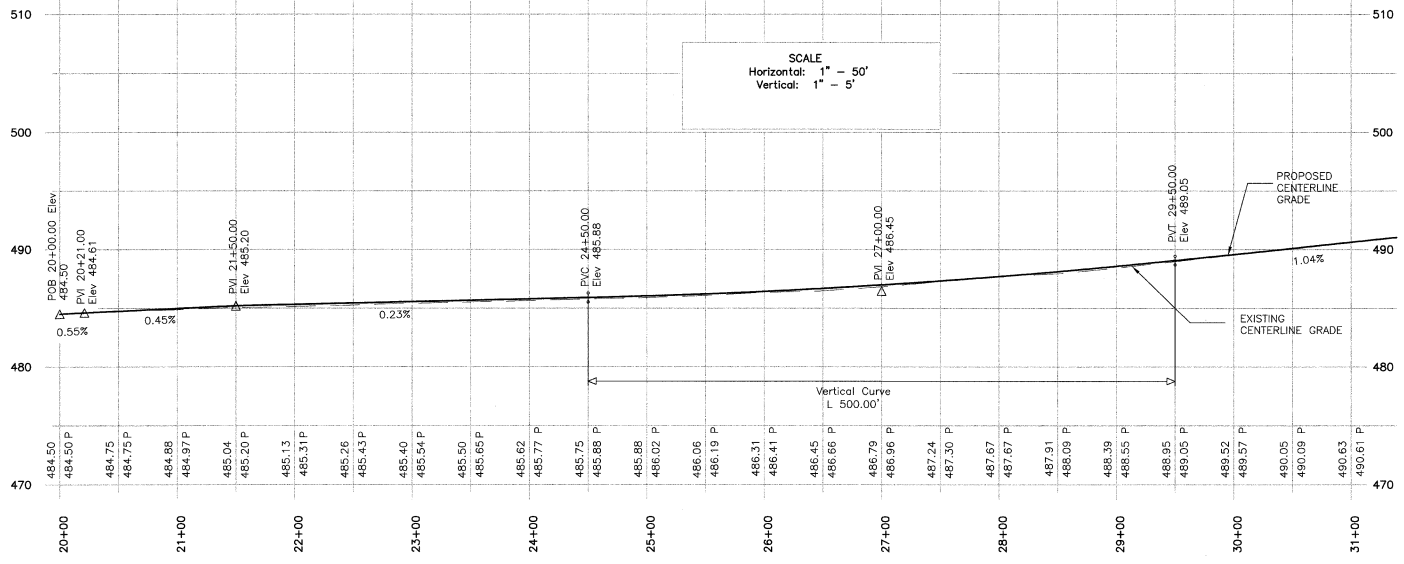
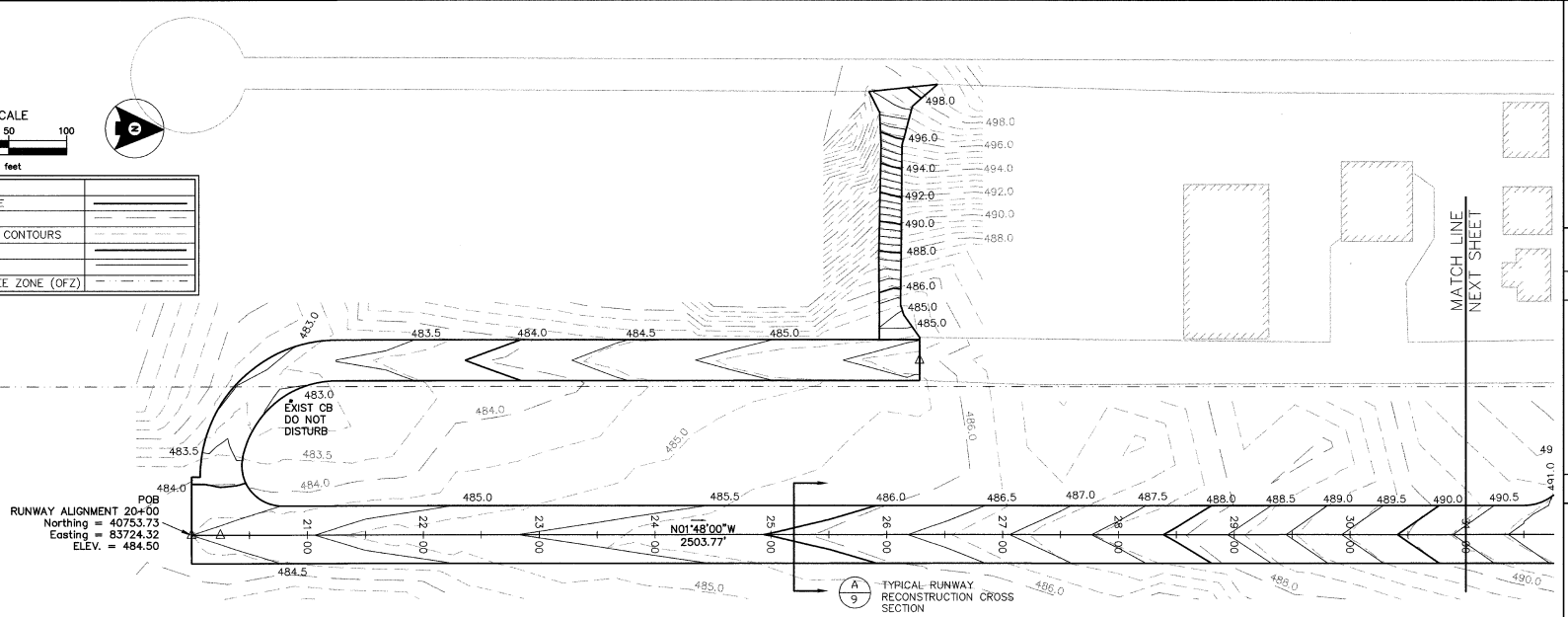
Project No.	8100406-01
Drawn By	JAC
Checked By	DAK
Scale	1" = 100'
Approved	DCD
Date	MAY, 2000

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LEGEND	
DESIGN PAVEMENT EDGE	—————
EXISTING 2' CONTOUR	—————
EXISTING 1.0' AND 0.5' CONTOURS	—————
DESIGN 2' CONTOUR	—————
DESIGN 0.5' CONTOUR	—————
RUNWAY OBSTACLE FREE ZONE (OFZ)	—————



Rev.	Description	By	Date

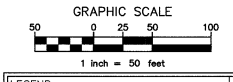
MIDDLEBURY STATE AIRPORT
 (VACT EA 04315)
PLAN & PROFILE
STATION 20+00 TO STATION 31+00
 MIDDLEBURY



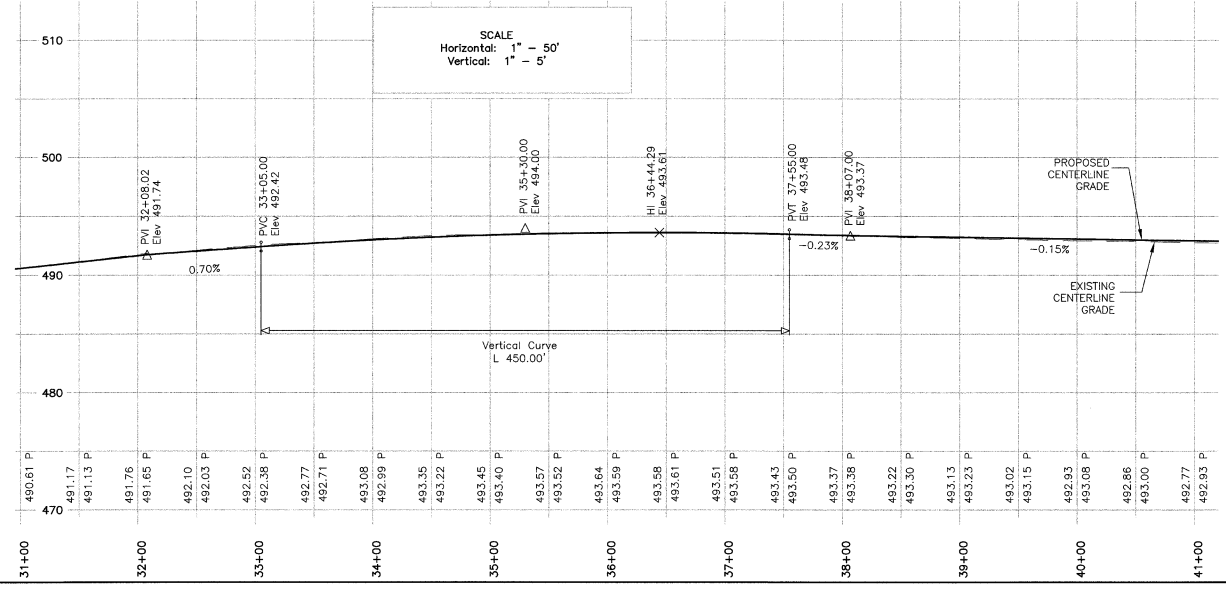
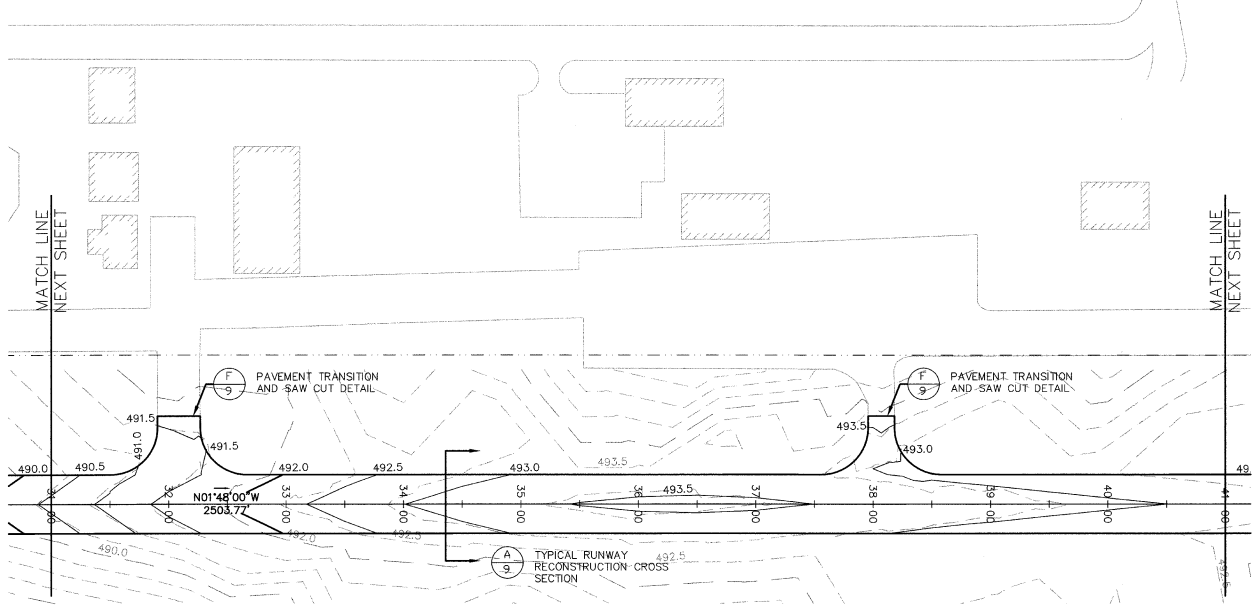
Project No.	ERBROOKER
Proj. Manager	M.C.
Proj. Designer	GPR
Checked By	M.C.
Approved	CCO
Date	MAY, 2000

4
 Sheet 4 of 10
 SHEET4

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 HP Designat: 10002 In:Met-1acking in-c-2 devices, A01 4.3 104.1 - Jul 22 1998



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EXISTING 2' CONTOUR	-----
EXISTING 1.0' AND 0.5' CONTOURS	-----
DESIGN 2' CONTOUR	-----
DESIGN 0.5' CONTOUR	-----
RUNWAY OBSTACLE FREE ZONE (OFZ)	-----



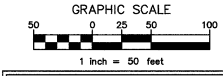
Rev.	Description	By	Date

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 VACT EN 04/05
PLAN & PROFILE
STATION 31+00 TO STATION 41+00
 MIDDLEBURY, VERMONT

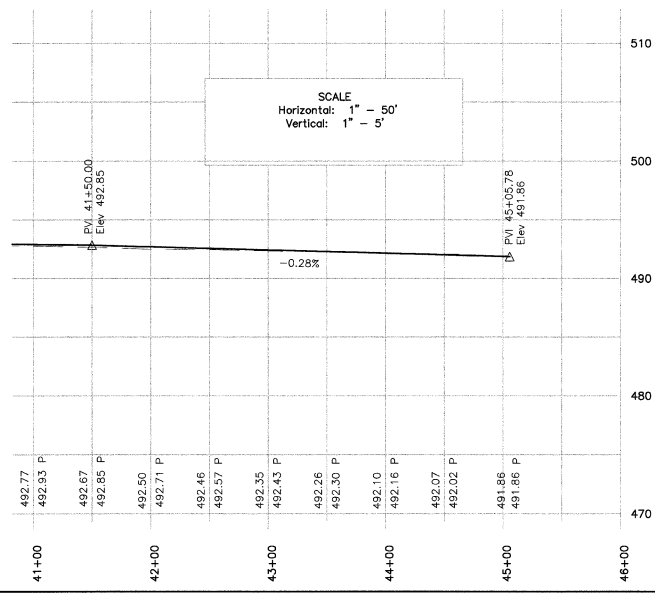
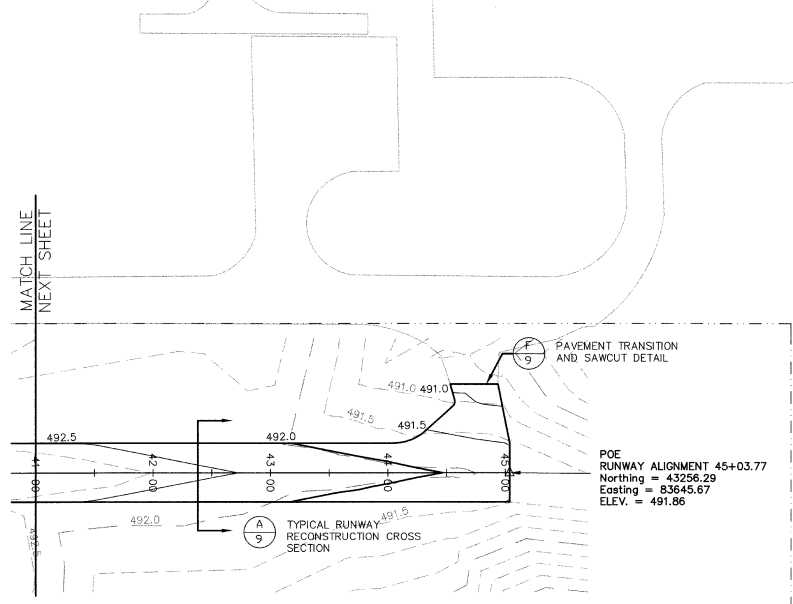


Project No.	01900401
Proj. Manager	MCC
Proj. Designer	GRR
Checker	GRR
Drawn By	TC/CF
Scale	AS SHOWN
Approved	DCD
Date	MAY, 2000

5
 Sheet 5 of 10
 SHEETS



LEGEND	
DESIGN PAVEMENT EDGE	—————
EXISTING 2' CONTOUR	-----
EXISTING 1.0' AND 0.5' CONTOURS	-----
DESIGN 2' CONTOUR	-----
DESIGN 0.5' CONTOUR	-----
RUNWAY OBSTACLE FREE ZONE (OFZ)	-----



Rev.	Description	By	Date

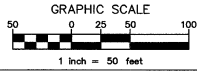
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 VACTEAS03150
PLAN & PROFILE
STATION 41+00 TO STATION 45+03.77
 MIDDLEBURY
 VERMONT



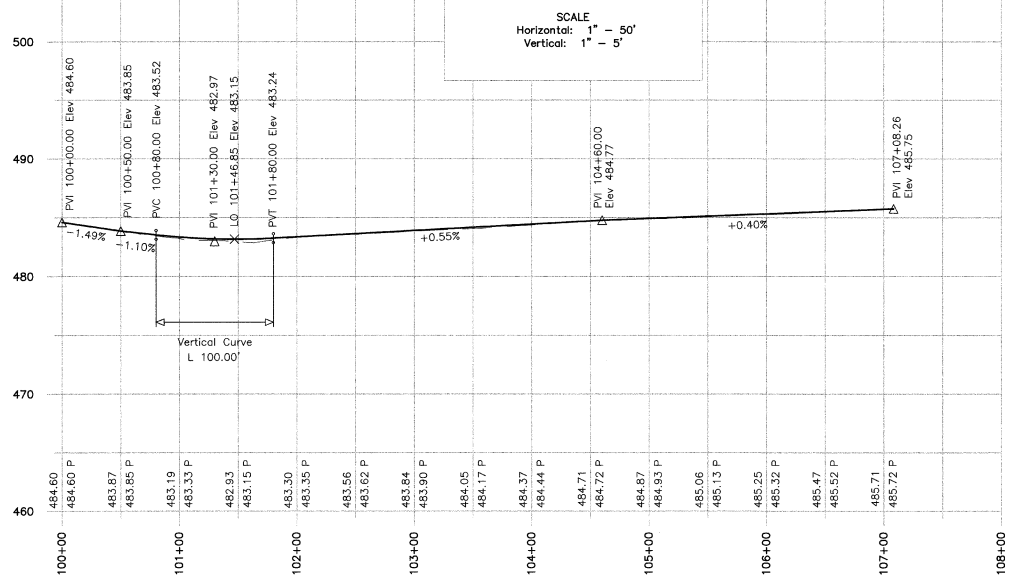
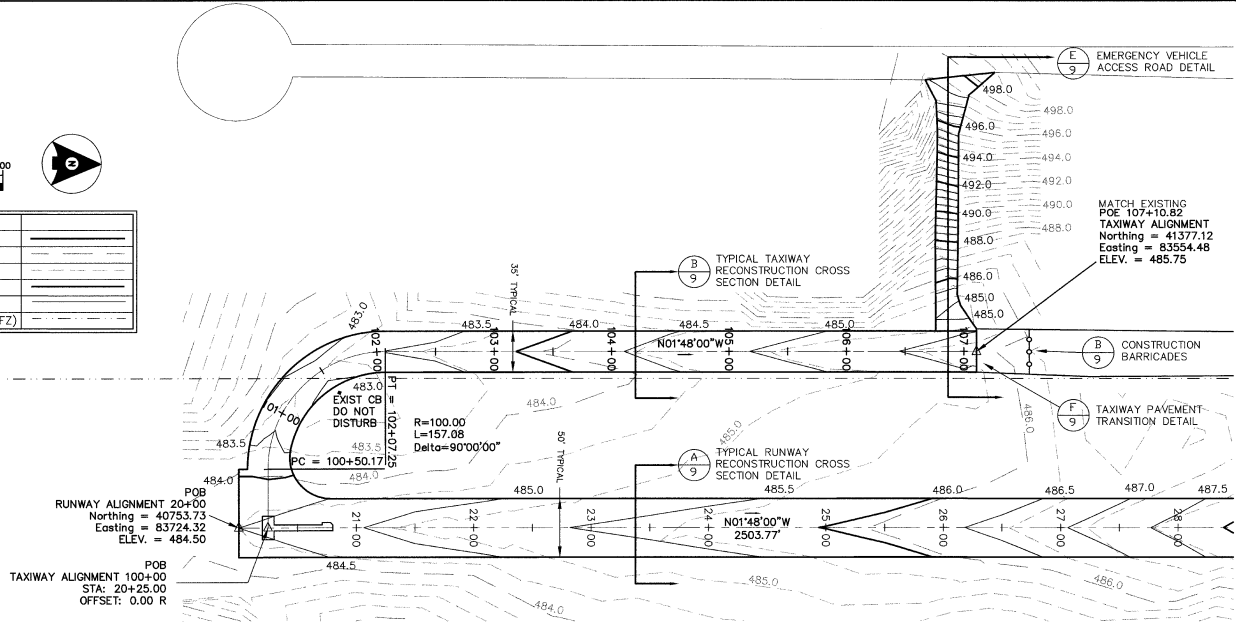
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Proj. Manager	MJC
Proj. Designer	GFR
Drawn By	GFR
Checked By	MJC
Approved	DCG
Date	MAY 2000

6
 Sheet 6 of 10
 SHEET6

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 E: duffresne@middlebury.edu
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 M: 010/252-2000
 P: 010/252-2000
 R: 010/252-2000
 S: 010/252-2000
 T: 010/252-2000
 U: 010/252-2000
 V: 010/252-2000
 W: 010/252-2000
 X: 010/252-2000
 Y: 010/252-2000
 Z: 010/252-2000



LEGEND	
DESIGN PAVEMENT EDGE	—————
EXISTING 2' CONTOUR	-----
EXISTING 1.0' AND 0.5' CONTOURS	-----
DESIGN 2' CONTOUR	-----
DESIGN 0.5' CONTOUR	-----
RUNWAY OBSTACLE FREE ZONE (OFZ)	-----



Rev.	Description	By	Date

MIDDLEBURY STATE AIRPORT
 VICT EN 10465
PLAN & PROFILE
STATION 100+00 TO STATION 107+10.82
 MIDDLEBURY VERMONT



Project No.	61800001
Proj. Manager	JAC
Designer	CDR
Checked By	M.C.
Scale	1"=50'
Approved	DDC
Date	MAY, 2000

7
 Sheet 7 of 10
 SHEET 7



SOUTH BURLINGTON, VERMONT
 www.dufresnehenry.com

Rev.	Description	By	Date

VERMONT

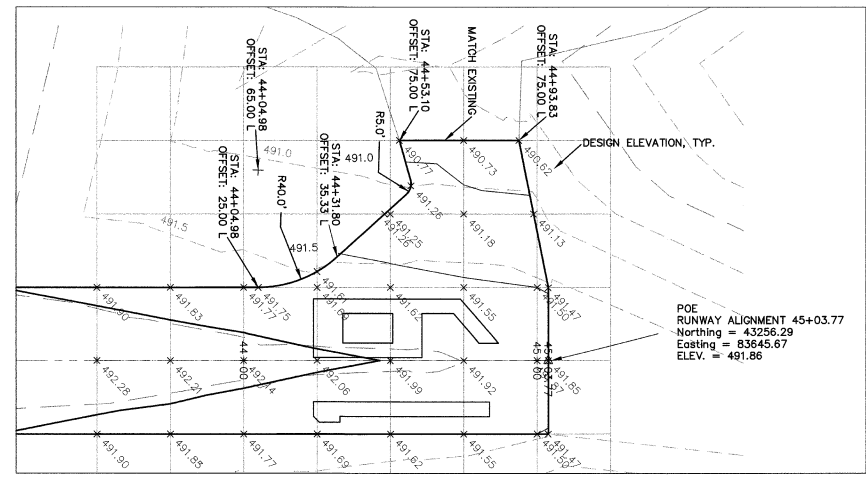
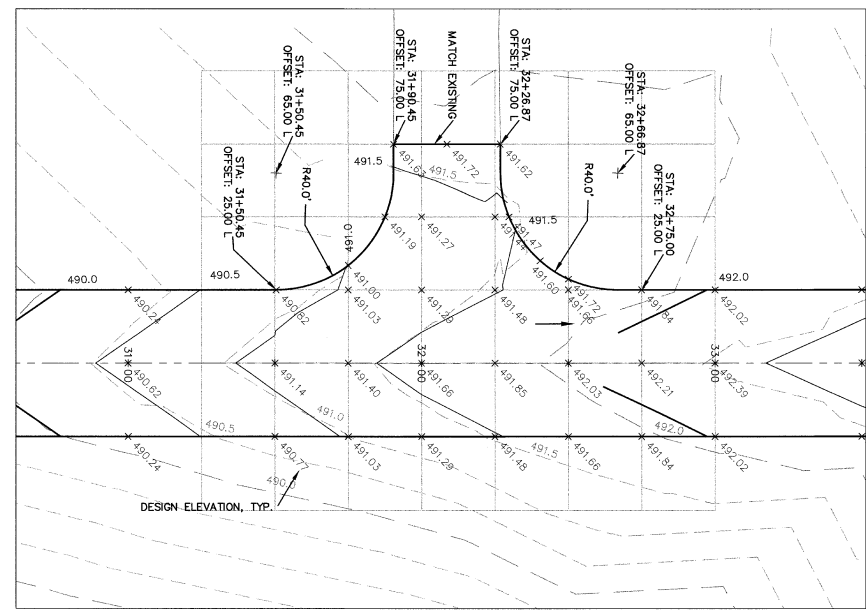
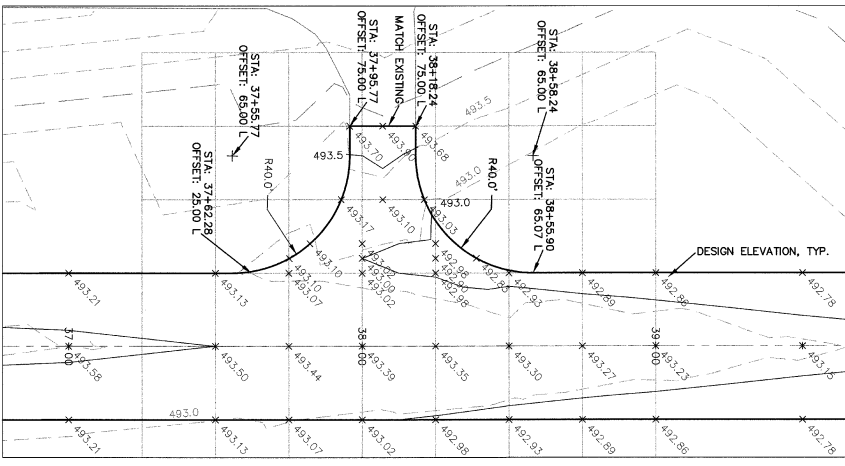
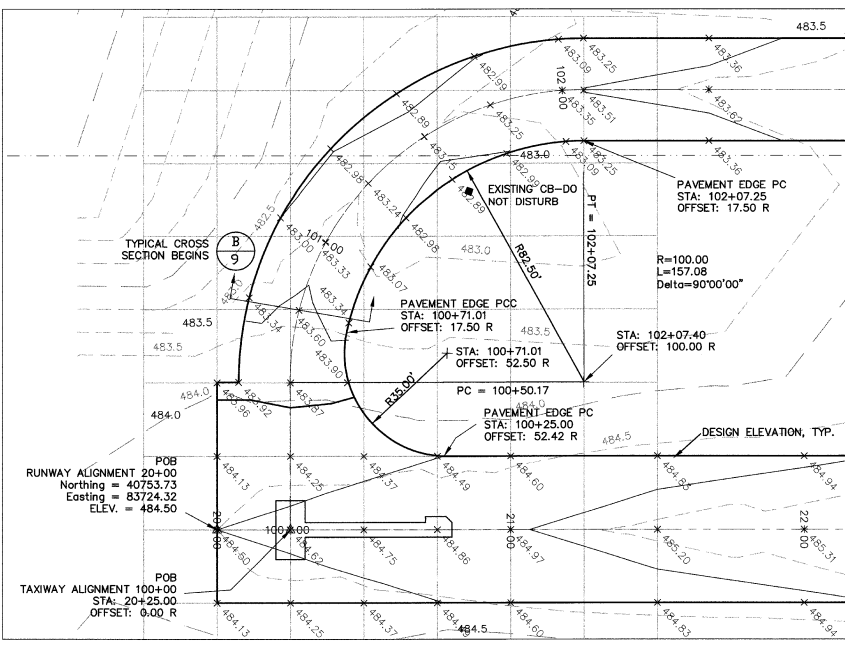
MIDDLEBURY STATE AIRPORT
 TAXIWAY INTERSECTION
 GRADING LAYOUT PLAN

MIDDLEBURY



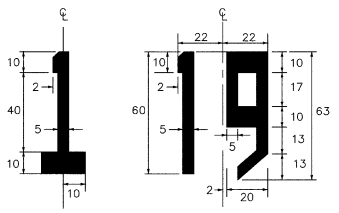
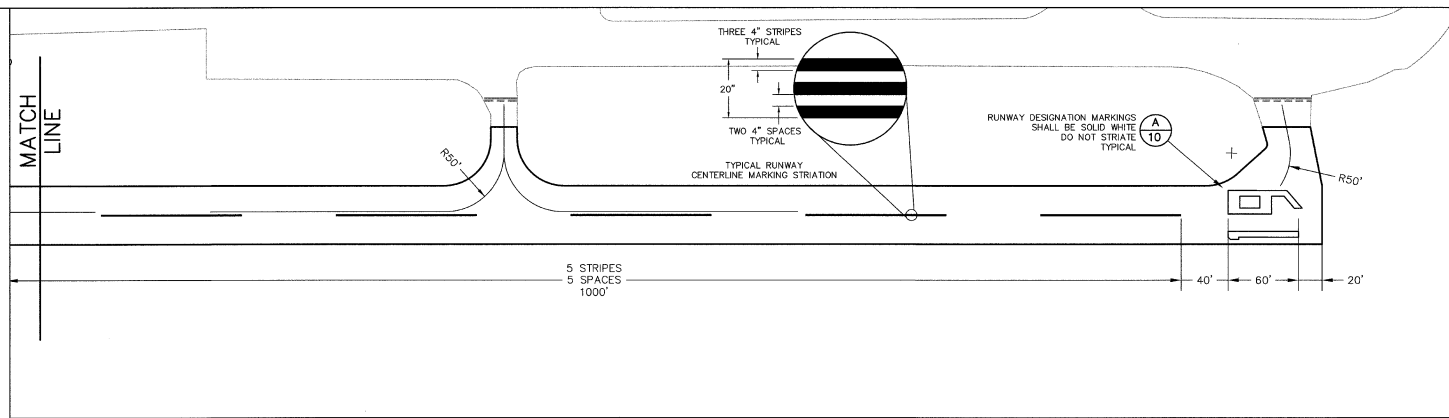
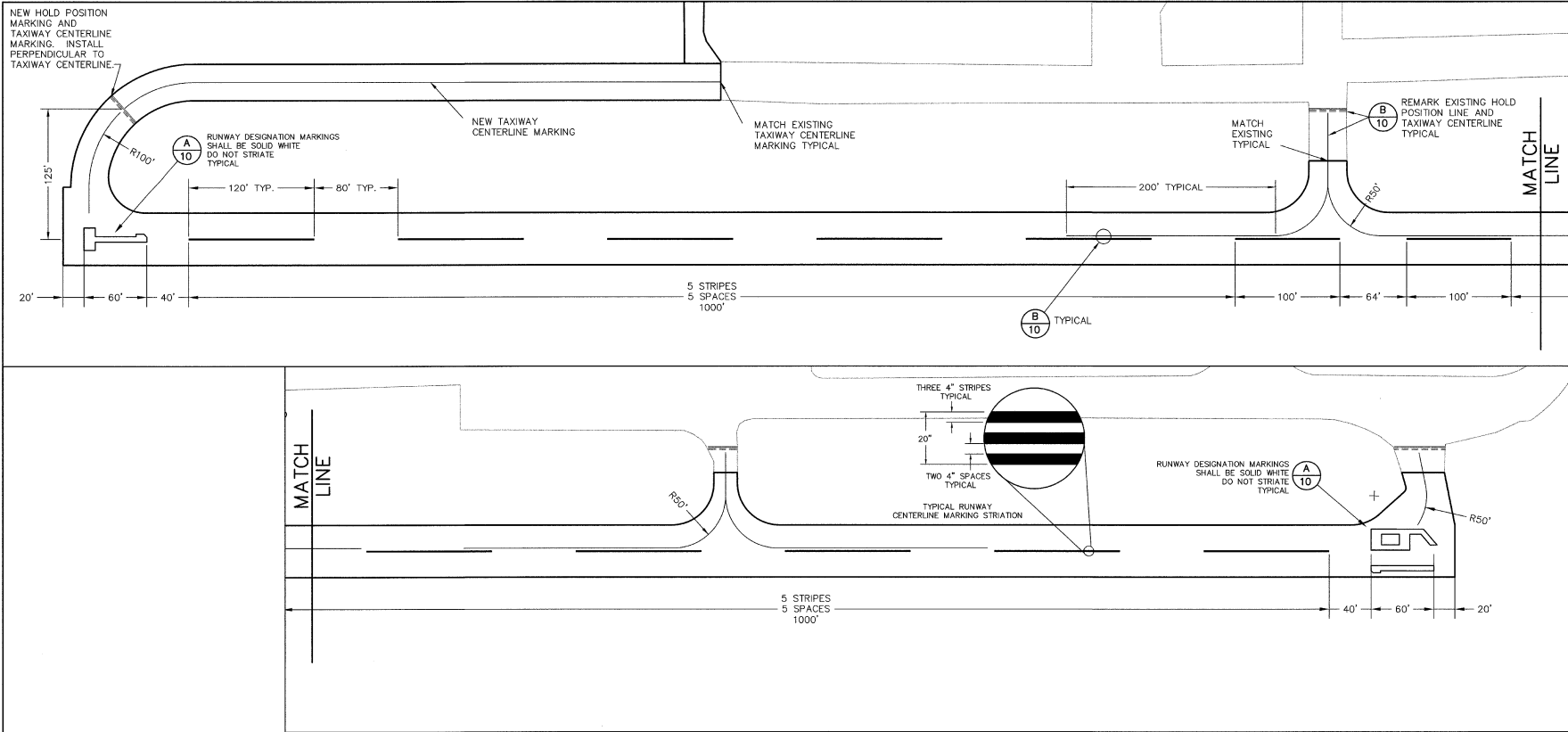
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Proj. Designer	G.R.
Checked By	M.C.C.
Scale	1"=20'
Approved	D.C.D.
Date	MAY, 2000

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 Sheet 8 of 10
 SHEETS

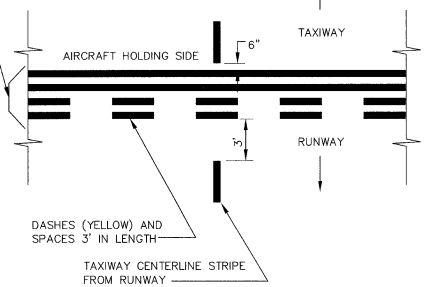


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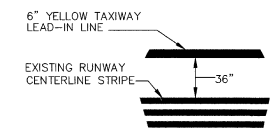
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 HP DesignW: 16055 - Middlebury Airport Runway 1-19



(A) RUNWAY DESIGNATION NUMERALS
NOT TO SCALE



(B) HOLD POSITION MARKING
NOT TO SCALE



(C) LEAD-IN LINE AND CENTERLINE INTERSECTION
NOT TO SCALE

MARKING NOTES

- All Runway markings shall be white. All Taxiway marking shall be yellow.
- Glass beads shall be white except for Taxiway markings which shall be yellow.
- All markings, except the Runway numerals and Taxiway Centerline, shall be striated as shown. Spaces shall be reduced as necessary to insure placement of stripes at outside edges of all markings. Striations shall run parallel to the Runway centerline.
- All marking layout and new markings applications shall be performed in the presence of the Resident Engineer.
- All permanent markings shall be applied in two separate 50% applications. The second application shall be applied a minimum of 30 days after the first application.
- Pavement markings shall be accomplished in accordance with the applicable phasing plan.



Rev.	Description	By	Date

MIDDLEBURY STATE AIRPORT
 TAXIWAY 1-19
RUNWAY 1-19 MARKING PLAN
VISUAL RUNWAY
 MIDDLEBURY, VERMONT



Project No.	R19046-01
Proj. Manager	MJC
Proj. Engineer	GPR
Checked By	MD
Scale	1"=100'
Approved	DDP
Date	MAY 2000

10

Sheet 10 of 10
D SHEET10