

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MASTER PLAN
UPDATE

RUTLAND STATE AIRPORT

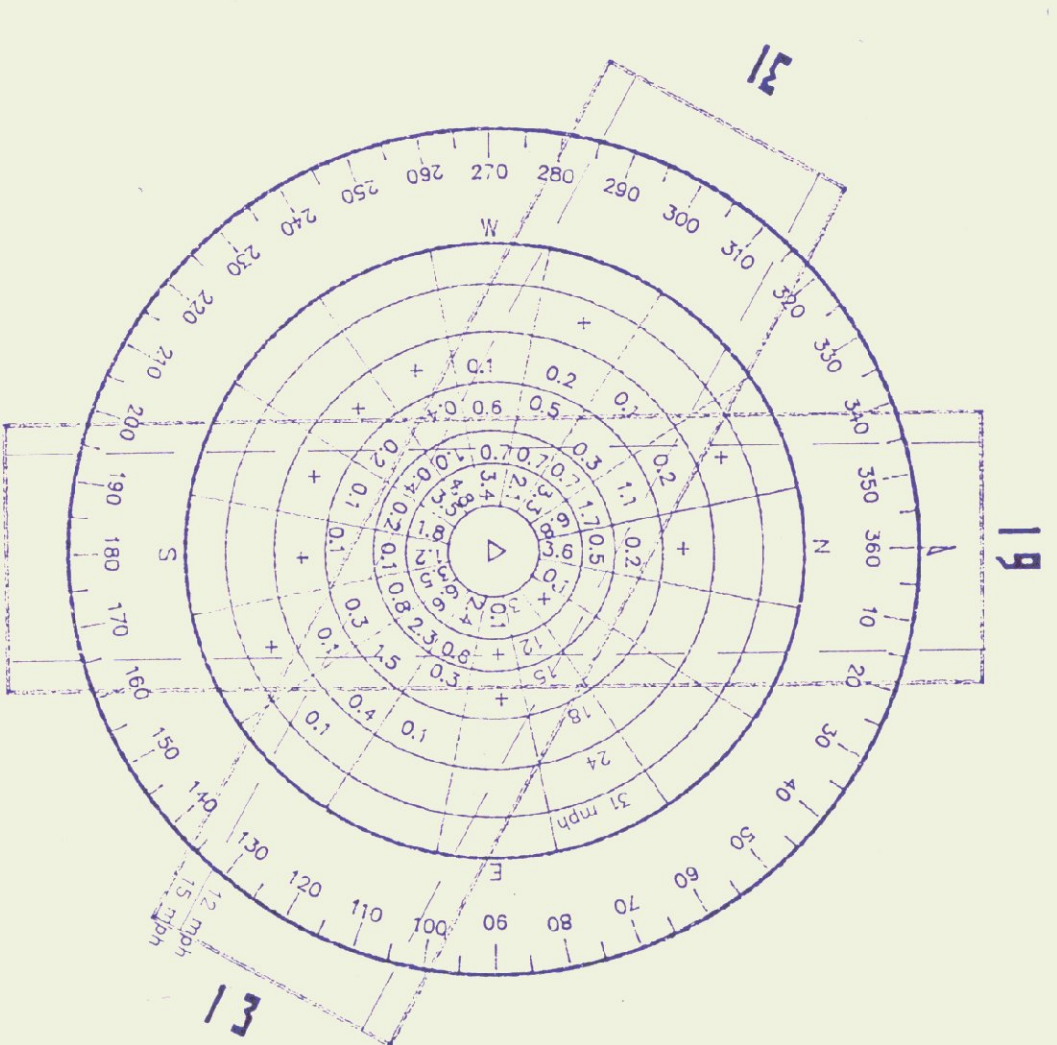
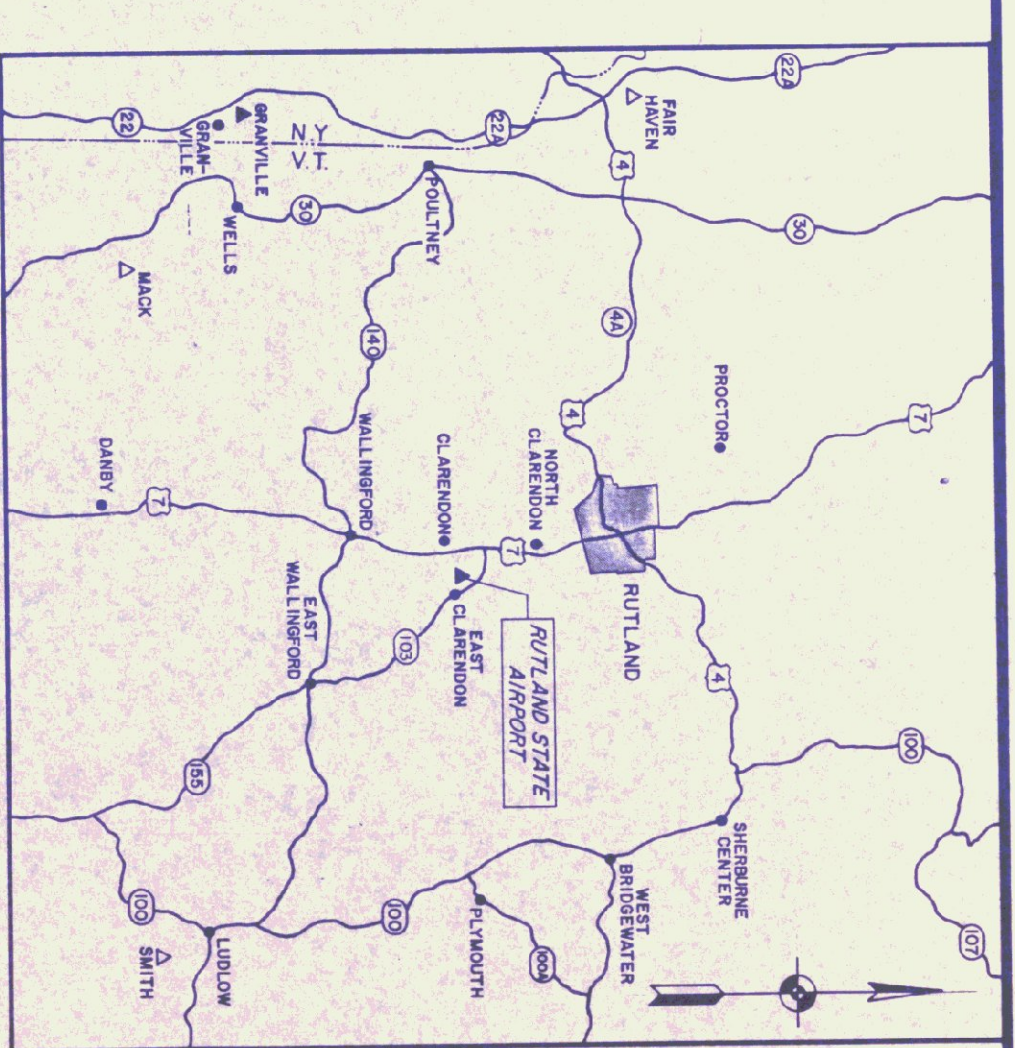
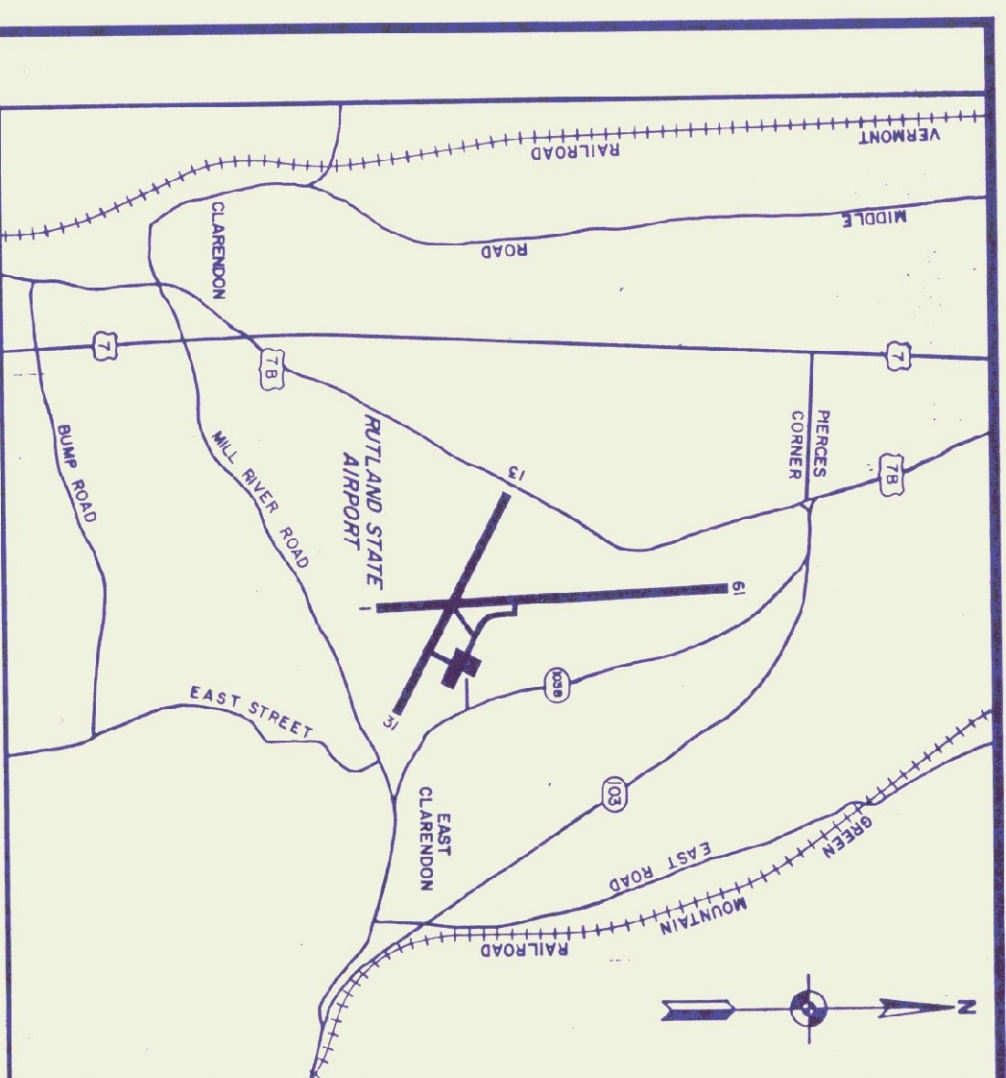
FAA PROJECT NO. AIP 3-50-0015-05
VAOT PROJECT NO. AIR 03-2047

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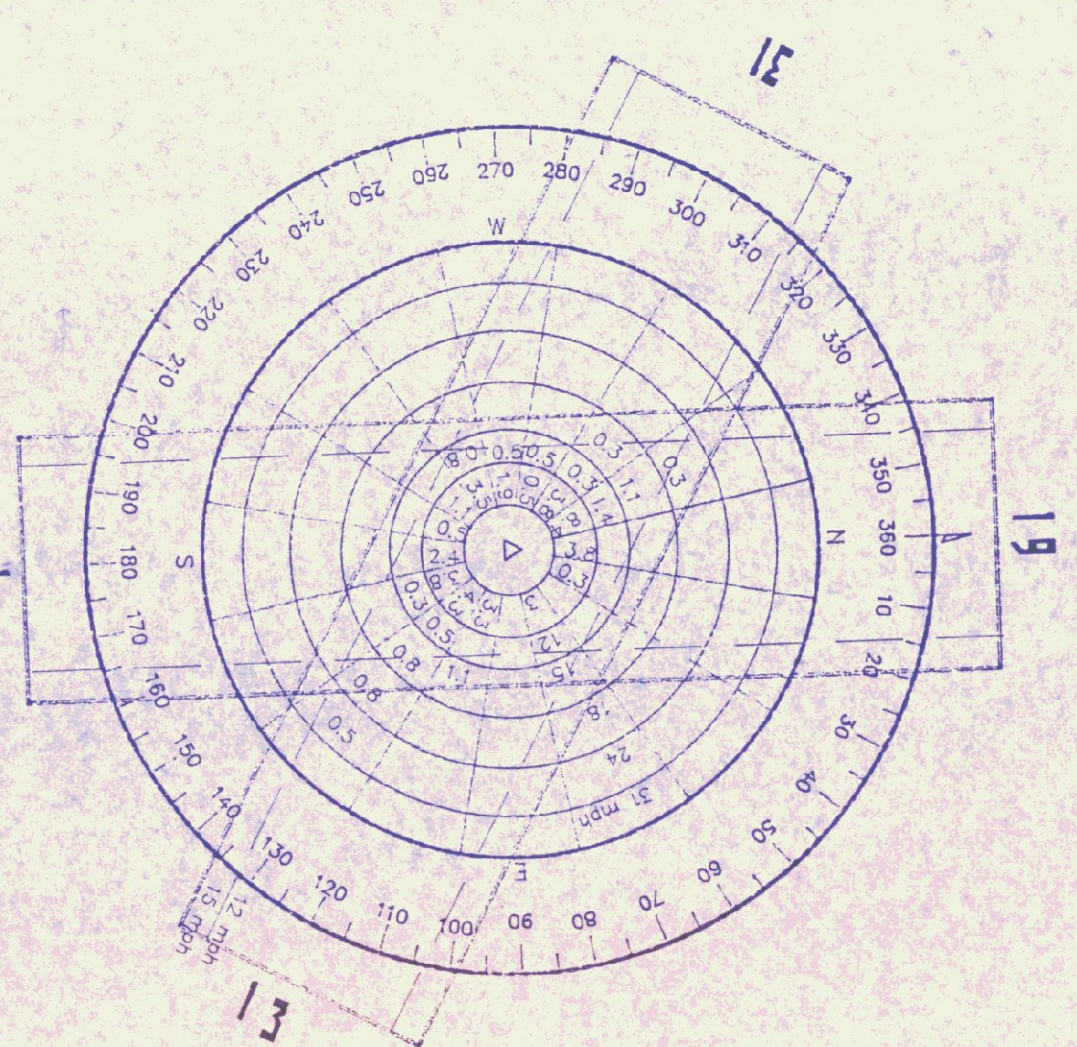
1. EXISTING AIRPORT LAYOUT PLAN
2. AIRPORT LAYOUT PLAN
3. TERMINAL AREA PLAN
4. AIRPORT IMAGINARY SURFACES PLAN
5. PLAN AND PROFILE RUNWAY 1-19
6. PLAN AND PROFILE RUNWAY 13-31
7. LAND USE PLAN

MAY, 1989

HOYLE, TANNER & ASSOCIATES, INC.
ENGINEERS, ARCHITECTS, PLANNERS & SURVEYORS
BEDFORD, NEW HAMPSHIRE

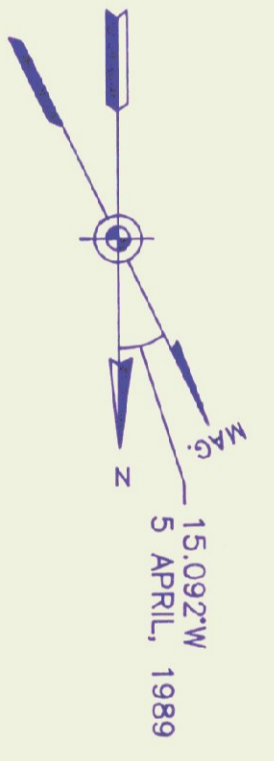


LOCATION: Rutland State Airport
Clarendon, Vermont
SOURCE: NOAA Environmental Data Service
National Climatic Center
Asheville, North Carolina
PERIOD: January 1, 1971 - December 31, 1975
ANNUAL OCCURRENCE: 100%
TOTAL OBSERVATIONS: 8720
+ = Less than 0.1%



LOCATION: Rutland State Airport
Clarendon, Vermont
SOURCE: NOAA Environmental Data Service
National Climatic Center
Asheville, North Carolina
PERIOD: January 1, 1971 - December 31, 1975
ANNUAL OCCURRENCE: 4.5%
TOTAL IFR OBSERVATIONS: 389

ABUTTER	
MAP/LOT	ADDRESS
1	RITA START
2	ROBERT & BARBARA MINARD
3	JAMES DELOIR
4	CHARLOTTE BADGER
5	DEAN DANIEL PARKER
6	GILBERT & BONNIE BAKER
7	CALVIN & DONALDEN RABTOY
8	MARJORIE SOUTHWARD
9	RONALD G. BEARDSLEY
10	WILLIAM & DORIS WEEKS
11	THOMAS & MARY WEEKS
12	STEVEN & DENISE SEYFRIED
13	JANE CONANT
14	THOMAS PIERCE ESTATE
15	GILBERT A. PIERCE
16	STATE OF VERMONT
17	133 STATE ST. MONTPELIER, VT
18	JOHN & LINDA BALDWIN
19	BOX 306, SPAFFORD NH
20	ROBERT B. & CAROL A. PITTS
21	OLD RT. 7 CLARENDON
22	THOMAS PIERCE ESTATE
23	UNKNOWN
24	RUTLAND INDUSTRIAL DEVELOPMENT CORPORATION
25	5 COURT ST.
26	TOWN OF CLARENDON
26A	P.O. 30 N. CLARENDON

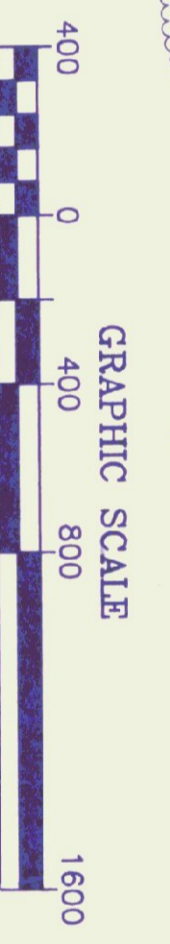


BLDG	EXISTING BUILDINGS	USE
1	G.F.R.	
2	FUELING DEPOT	
3	FABO. & WASH. HANGAR	
4	TRAINING BLDG.	
5	TRUCK STORAGE	HANGAR
6	HANGAR	
7	HANGAR	
8	HANGAR	

LEGEND		EXISTING	ULTIMATE
ITEM	EXISTING		
ITEM	ULTIMATE		
1	AIRPORT PROPERTY LINE	---	---
2	MISCELLANEOUS PROPERTY LINE	---	---
3	CONTOURS (USGS-MSL) DATUM	200'	200'
4	AIRPORT REFERENCE POINT (A.R.P.)	+	+
5	AIRPORT ROTATING BEACON	⊙	⊙
6	BUILDING RESTRICTION LINE (B.R.L.)	---	---
7	EASEMENT		
8	PROPERTY ACQUISITION		
9	RUNWAYS/TAXIWAYS/APRON	=====	=====
10	WATER	~~~~~	~~~~~
11	TREELINE/BRUSH		
12	SAFETY AREA		
13	MISC. BUILDINGS/FACILITIES		
14	AIRPORT BUILDINGS		
15	AUTO PARKING		
16	TIEDOWNS		
17	CONVENTIONAL HANGARS		



ITEM	RUNWAY 1/19		RUNWAY 13/31	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
PHYSICAL LENGTH	5,000'	3,170'	1,120'	1,200'
WIDTH	130'	75'	120'	40'
SAFETY AREA WIDTH	130'	40'	40'	13,000 SW
TAXIWAY WIDTH	40'	40'	NONE	NONE
SURFACE COMPOSITION	BIT. ASPHALT	BIT. ASPHALT	NONE	NONE
PAVEMENT STRENGTH (X1,000s)	60,000 BS. DIV	13,000 SW	NONE	NONE
RUNWAY LIGHTING	NON P.R.S.	NONE	NONE	NONE
EFFECTIVE GRADIENT	NON P.R.S.	0%	6.16% / 3.8%	0%
A/W WIND COVERAGE 12MPH	81.3% / 7.5%	81.3% / 7.5%	61.6% / 3.8%	61.6% / 3.8%
NAVAIDS	NONE / ND/LOC (C)	NONE / ND/LOC (C)	NONE / ND/LOC (C)	NONE / ND/LOC (C)
CRIT. ACFT. APPR. SPEED	9-111 (C)	9-111 (C)	9-111 (C)	9-111 (C)
CRIT. ACFT. WINGSPAN	REILS/REILS, ODALS, VASI	REILS/REILS, ODALS, VASI	REILS/REILS, ODALS, VASI	REILS/REILS, ODALS, VASI
VISUAL AIDS	REILS/REILS, ODALS, VASI	REILS/REILS, ODALS, VASI	REILS/REILS, ODALS, VASI	REILS/REILS, ODALS, VASI
RW END COORDINATES	LAT: 43°31'26.64" N LONG: 72°56'59.68" W	LAT: 43°31'26.64" N LONG: 72°56'59.68" W	LAT: 43°31'44.56" N LONG: 72°57'18.37" W	LAT: 43°31'29.62" N LONG: 72°57'40.87" W



AIRPORT DATA		EXISTING	ULTIMATE
ITEM	EXISTING		
ITEM	ULTIMATE		
1	AIRPORT ELEVATION (USGS-MSL)	787'	787'
2	OPERATIONAL CODE	SHORT HALL	COMMERCIAL SERVICE
3	AIRPORT CATEGORY	990	990
4	MEAN MAX. TEMP. HOTTEST MONTH	15.092'W	15.092'W
5	MEAN MAX. TEMP. COLDEST MONTH	II	II
6	COMBINED DESIGN WIND GROUP	C	C
7	MARKING DESIGN GROUP	II	II
8	AIRCRAFT DESIGN SPEED	150	150
9	AIRCRAFT APPROACH SPEED	150	150
10	AIRPORT REFERENCE POINT	LAT: 43°31'45.63" N LONG: 72°57'00.37" W	LAT: 43°31'45.63" N LONG: 72°57'00.37" W

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

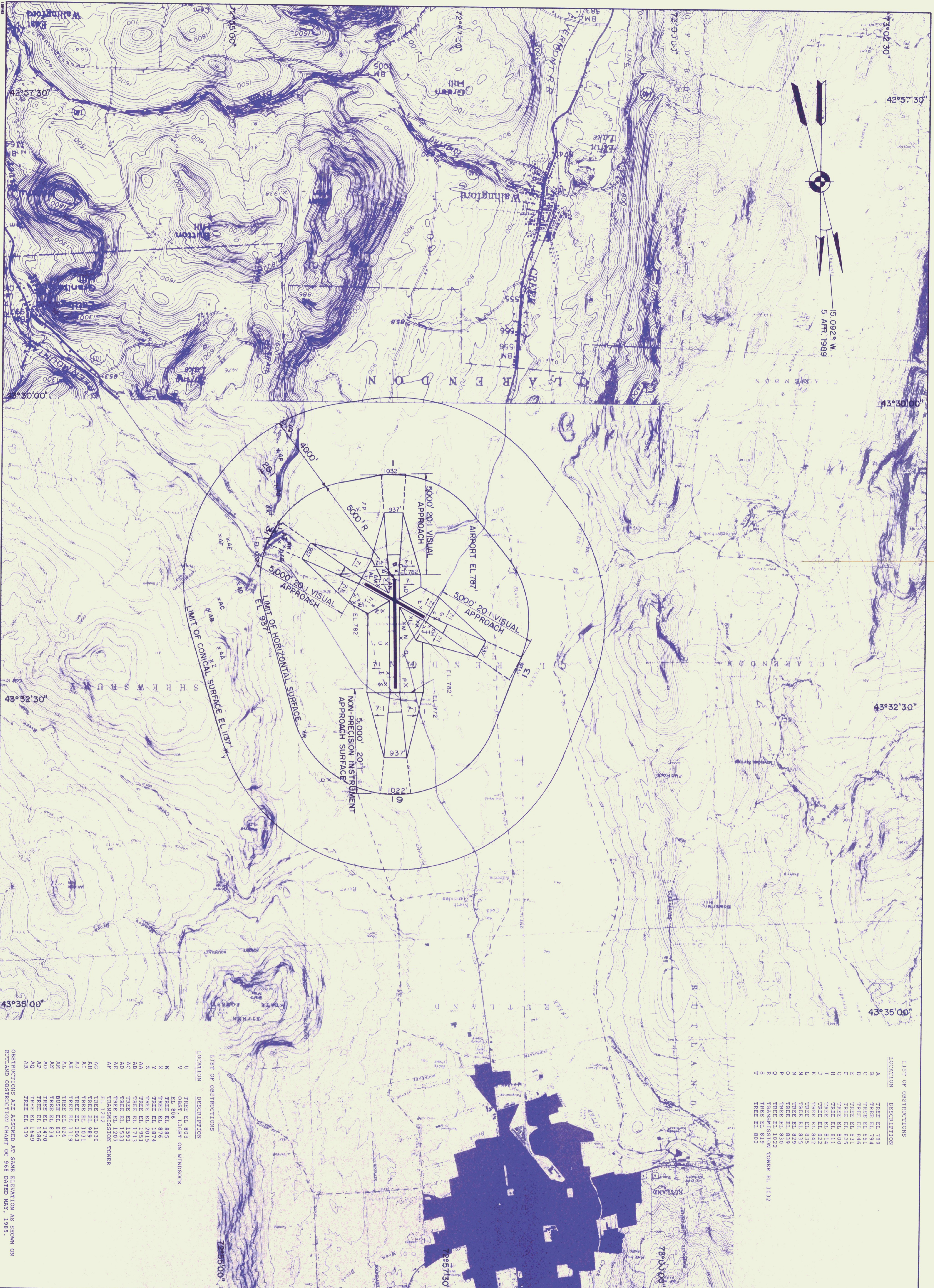
AIRPORT MASTER PLAN UPDATE

EXISTING AIRPORT LAYOUT PLAN

Hoyle, Tanner & Associates, Inc. **HTA** engineers architects planners surveyors

Five Commerce Park North, Bedford, New Hampshire 03102

PROJECT NO.	41102	EALP	DO NOT SCALE DRAWING
ENGINEER/ARCHITECT			
SCALE: 1"=400'	DATE: MAY, 1989	DES. BY: R.J.D.	DR. BY: HWW
		CHKD. BY: R.J.D.	
SHEET 1 OF 7			



LIST OF OBSTRUCTIONS

LOCATION	DESCRIPTION
A	TREE EL. 799
B	TREE EL. 794
C	TREE EL. 851
D	TREE EL. 846
E	TREE EL. 831
F	TREE EL. 800
G	TREE EL. 811
H	TREE EL. 814
I	TREE EL. 822
J	TREE EL. 842
K	TREE EL. 835
L	TREE EL. 829
M	TREE EL. 839
N	TREE EL. 830
O	TREE EL. 1022
P	TOWER TOWER EL. 1032
Q	TOWER TOWER EL. 1032
R	TREE EL. 810
S	TREE EL. 810
T	TREE EL. 800

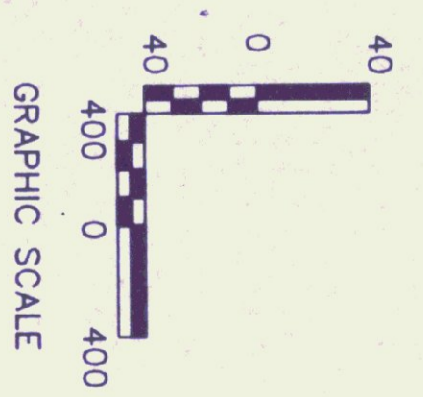
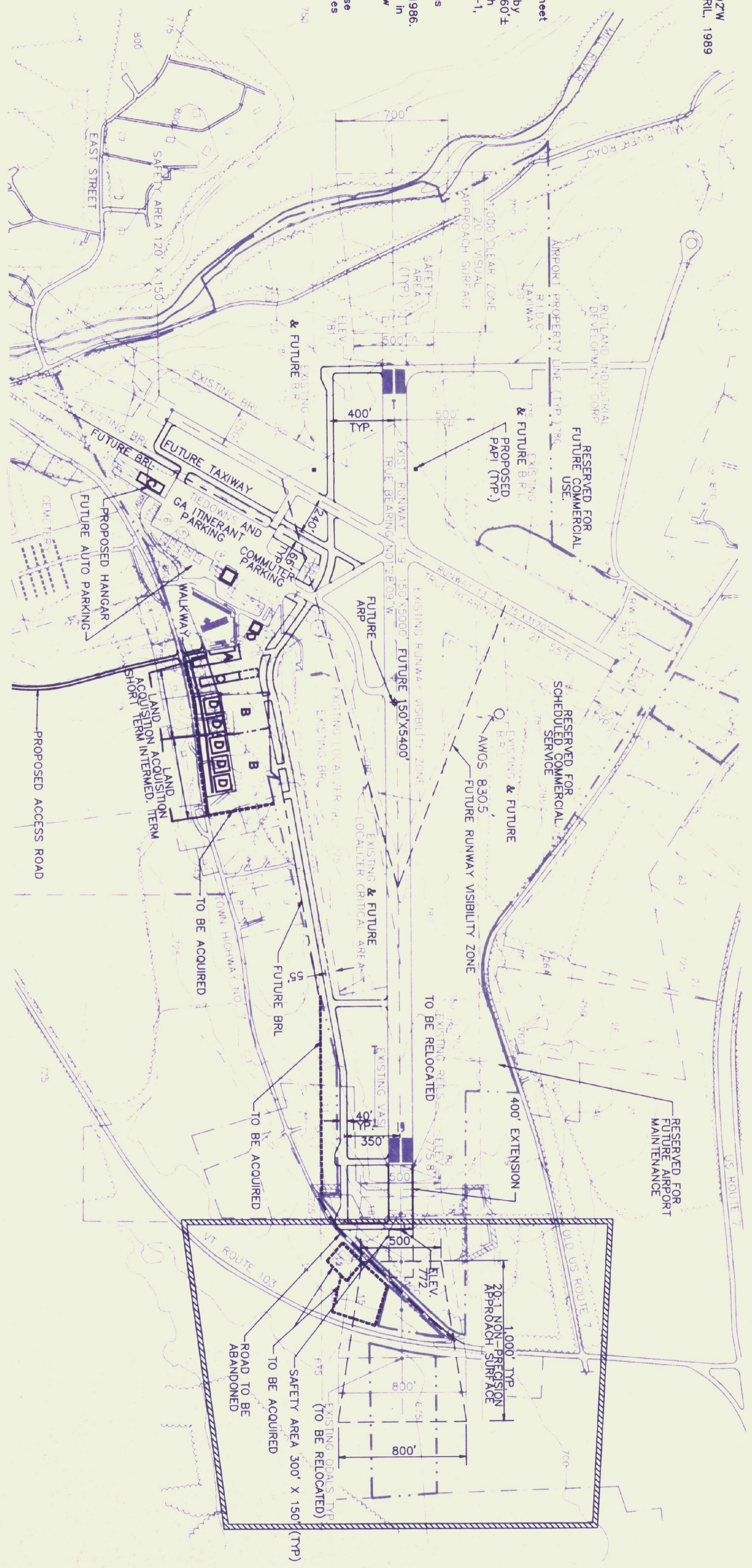
LIST OF OBSTRUCTIONS

LOCATION	DESCRIPTION
U	TREE EL. 808
V	OBST. LIGHT ON WINDSOCK EL. 806
W	TREE EL. 885
X	TREE EL. 876
Y	TREE EL. 1874
Z	TREE EL. 2015
AA	TREE EL. 1951
AB	TREE EL. 1713
AC	TREE EL. 1531
AD	TREE EL. 1531
AE	TREE EL. 1207
AF	TRANSMISSION TOWER EL. 1202
AG	TREE EL. 1030
AH	TREE EL. 1031
AI	TREE EL. 1063
AJ	TREE EL. 1119
AK	TREE EL. 826
AL	TREE EL. 826
AM	TREE EL. 824
AN	TREE EL. 1470
AO	TREE EL. 1586
AP	TREE EL. 1649
AQ	TREE EL. 939
AR	

OBSTRUCTIONS ARE ASSUMED AT SAME ELEVATION AS SHOWN ON RUTLAND OBSTRUCTION CHART OC 968 DATED MAY, 1985.

4	DRAWING NO.	PROJECT NO. 41102	
	RUTLAND STATE AIRPORT CLARENDON, VERMONT AIRPORT MASTER PLAN UPDATE IMAGINARY SURFACES PLAN	Hoyle, Tanner & Associates, Inc. <small>Five Commerce Park North · Bedford, NH 03102 · (603) 669-5555</small>	ENGINEER/ARCHITECT
SCALE 1" = 2000'	DATE: MAY, 1989	DES BY RJD	DR BY KJC
SHEET 4 OF 7	DO NOT SCALE DRAWING	CHKD BY RJD	REV
		DESCRIPTION	DR BY
		DATE	APPD BY

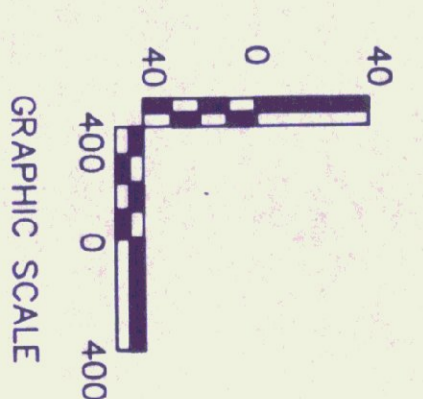
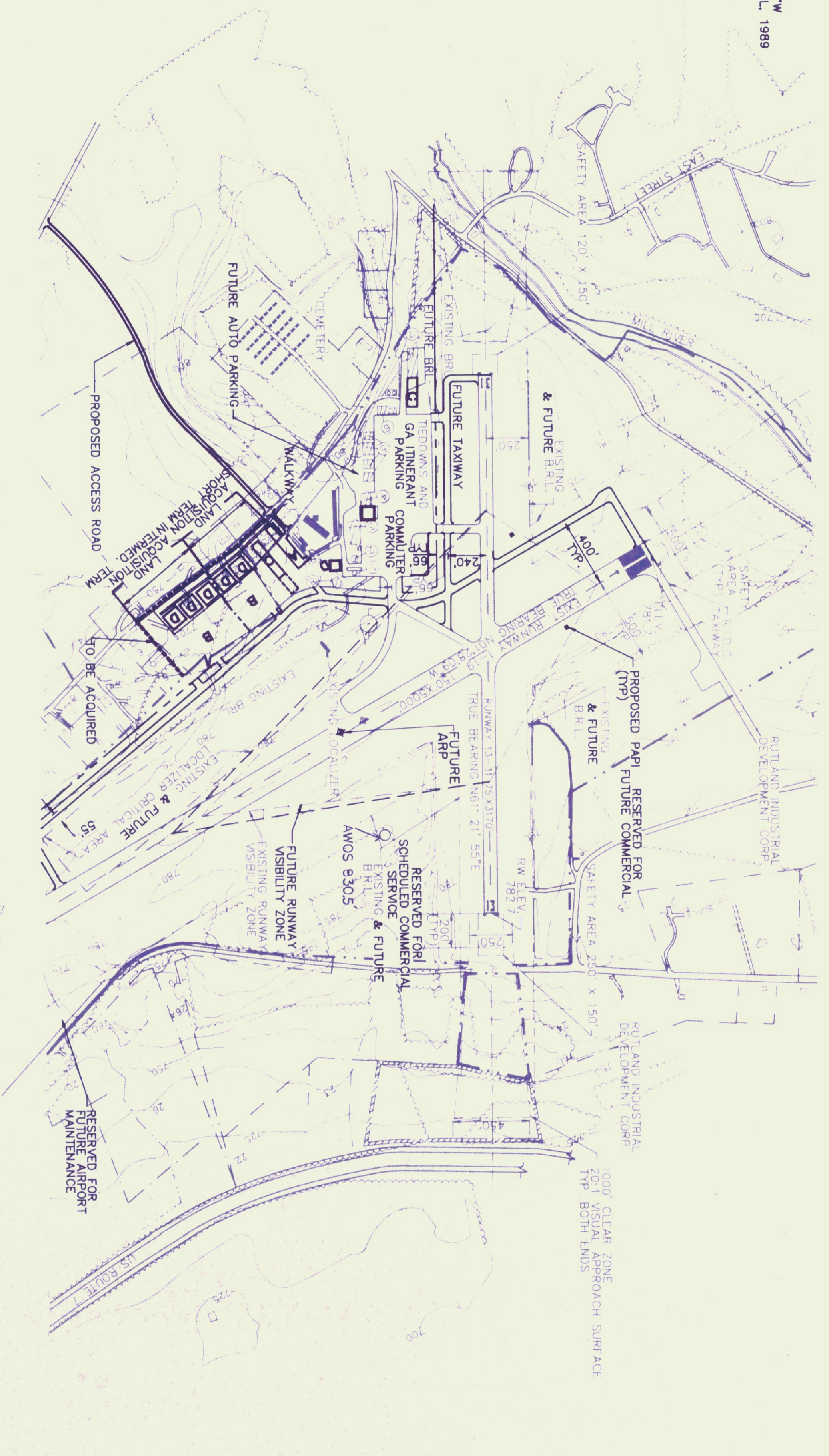
- NOTES:
1. For legend and general notes see sheet No. 2.
 2. Existing tree lines were determined by assuming a general tree height of 80'± (in 1977) supplemented by approach surface data from FAA Form 5010-1, aerial photography dated 1987 and photogrammetry dated 1986.
 3. Existing ground contours and profiles within plan view are based on the photogrammetry by Eastern Topo, 1986.
 4. Existing trees, buildings etc. shown in profile beyond coverage of plan view are based on U.S.G.S. sheets and aerial photography.
 5. All profile details are typical of those found on extended runway centerlines unless otherwise noted.



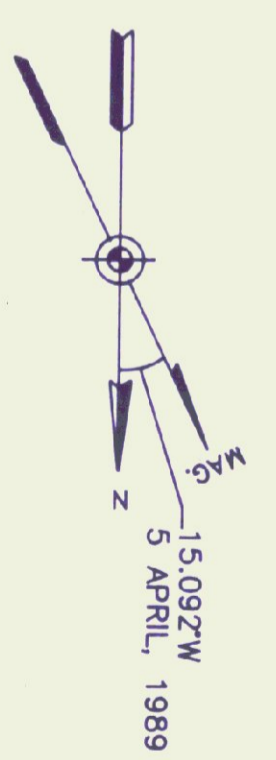
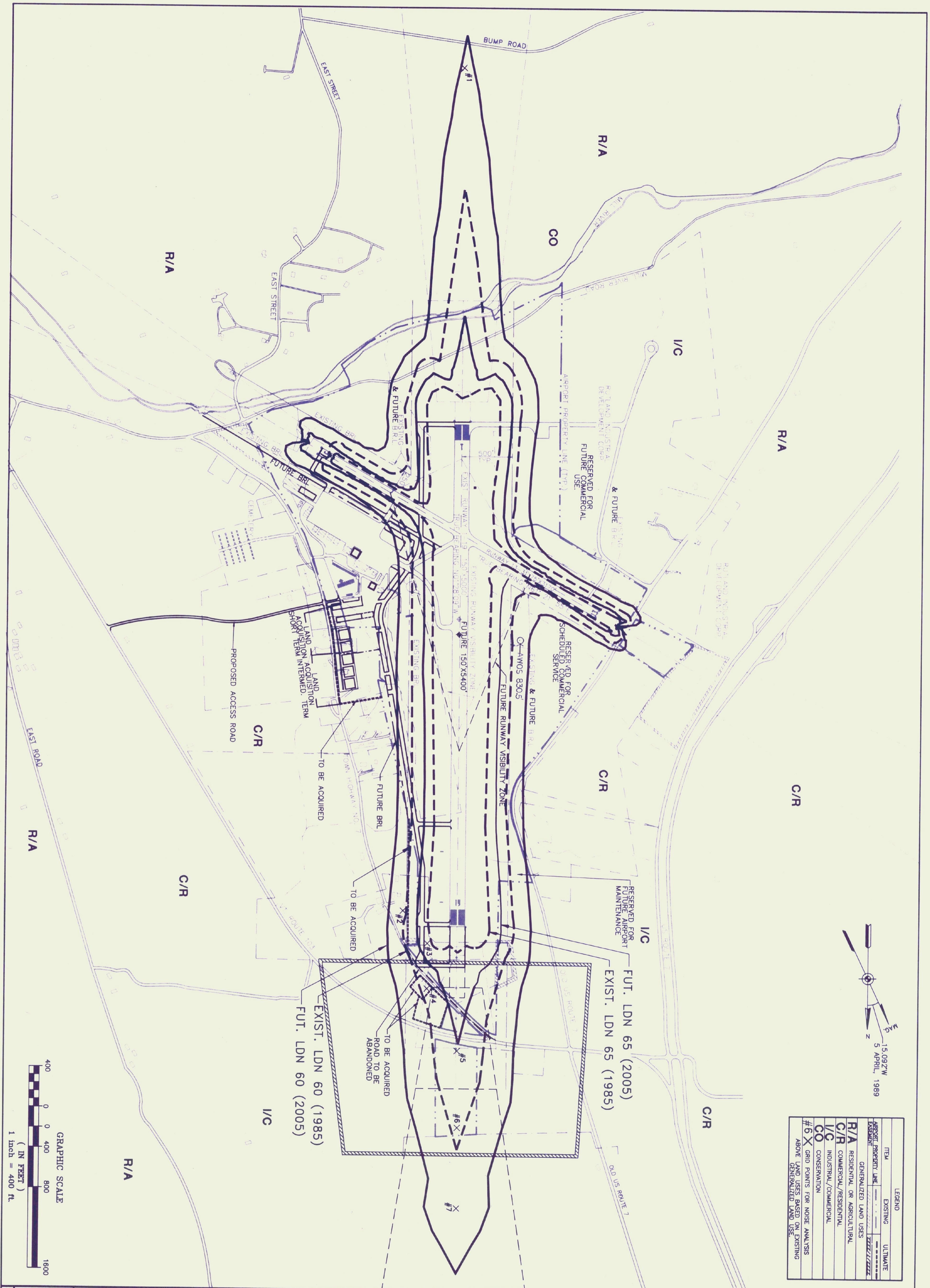
SHEET 5 OF 7	DRAWING NO. 5	RUTLAND STATE AIRPORT CLARENDON, VERMONT	Hoyle, Tanner & Associates, Inc. Five Commerce Park North, Bedford, New Hampshire 03102 HTA engineers architects planners surveyors Companies	PROJECT NO. 41102	REV.	DESCRIPTION	DR. BY	CHKD. BY	APP. BY	DATE	
		PLAN AND PROFILE RUNWAY 1-19		PLPR1-19.dwg FILE NAME							DO NOT SCALE DRAWING
SCALE: AS SHOWN			DATE: MAY, 1989	DES. BY R.J.D.	DR. BY HW/PA	CHKD. BY R.J.D.					

MAG. 15.0927W
5 APRIL, 1989

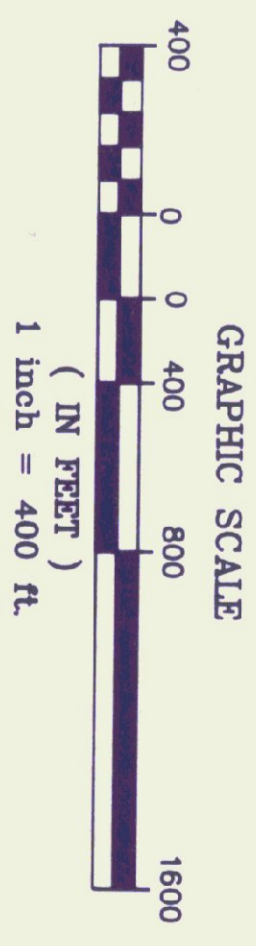
- NOTES:
1. For legend and general notes see sheet No.2.
 2. Existing tree lines were determined by assuming a general tree height of 60'± (in 1977) supplemented by approach surface data from FAA FORM 5010-1, aerial photography dated 1987 and photogrammetry dated 1986.
 3. Existing ground contours and profiles within plan view are based on the photogrammetry by Eastern Topo, 1986. Existing trees, buildings, etc. shown in profile beyond coverage of plan view are based on U.S.G.S. sheets and aerial photography.
 4. All profile details are typical of those found on extended runway centerlines unless otherwise noted.
 - 5.



SHEET 6 OF 7 6 DRAWING NO.	RUTLAND STATE AIRPORT CLARENDON, VERMONT	Hoyle, Tanner & Associates, Inc. HTA engineers Five Commerce Park North, Bedford, New Hampshire 03102 Companies architects planners surveyors	PROJECT NO. 41102.04	ENGINEER/ARCHITECT							
	PLAN AND PROFILE RUNWAY 13-31		PL13-31.dwg FILE NAME								
SCALE: AS SHOWN	DATE: MAY, 1989	DES. BY R.J.D.	DR. BY HW/PA	CHD. BY R.J.D.	DO NOT SCALE DRAWING	REV.	DESCRIPTION	DR. BY	CHD. BY	APPR. BY	DATE



LEGEND	
ITEM	EXISTING
AIRPORT PROPERTY LINE	ULTIMATE
EXISTENT	GENERALIZED LAND USES
R/A	RESIDENTIAL OR AGRICULTURAL
C/R	COMMERCIAL/RESIDENTIAL
I/C	INDUSTRIAL/COMMERCIAL
CO	CONSERVATION
#6 X	GRID POINTS FOR NOISE ANALYSIS
	ABOVE LAND USES BASED ON EXISTING
	GENERALIZED LAND USES



DRAWING NO. 7	RUTLAND STATE AIRPORT CLARENDON, VERMONT		Hoyle, Tanner & Associates, Inc. <small>Five Commerce Park North, Bedford, New Hampshire 03102</small>		PROJECT NO. 41102	ENGINEER/ARCHITECT
	AIRPORT MASTER PLAN UPDATE LAND USE PLAN				LANDUSE	
SHEET 7 OF 7	SCALE: 1" = 400'	DATE: MAY, 1989	DES. BY RJD	DR. BY HW	CHKD. BY RJD	DO NOT SCALE DRAWING
						REV. DESCRIPTION
						DR. BY DATE