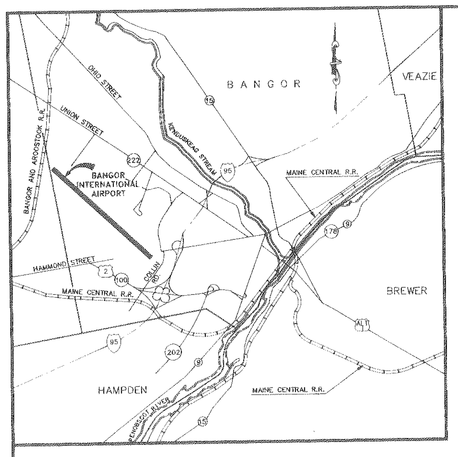


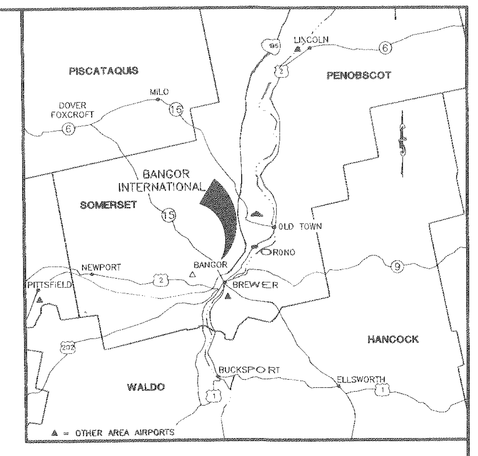

LOCATION MAP

5,000' 2,500' 0 5,000'

SCALE IN FEET

# CITY OF BANGOR
# MAINE
# MASTER PLAN UPDATE
# BANGOR INTERNATIONAL AIRPORT

AIP PROJECT NO. 3-23-0005-07




VICINITY MAP

20 10 0 20

SCALE IN MILES

**BANGOR CITY COUNCIL,**
**ENTERPRISE OPERATIONS COMMITTEE**

DONALD SOUCY, CHAIRMAN
JOHN BRAGG
JANE W. SAXL

**AIRPORT DIRECTOR**

ROBERT ZIEGELAAR

## INDEX TO DRAWINGS

1. EXISTING AIRPORT LAYOUT PLAN
2. AIRPORT LAYOUT PLAN
3. DATA SHEET
4. TERMINAL AREA PLAN (AIR CARRIER)
5. TERMINAL AREA PLAN (GENERAL AVIATION)
6. AIRPORT IMAGINARY SURFACES PLAN
7. PLAN AND PROFILE R/W 15R-33L
8. PLAN AND PROFILE R/W 15L-33R
9. LAND USE PLAN (ON-AIRPORT)
10. LAND USE PLAN (OFF-AIRPORT)

**DECEMBER, 1991**

MAR 2 2 1994

**HOYLE, TANNER & ASSOCIATES, INC.**
**ENGINEERS/PLANNERS**
**BEDFORD, NEW HAMPSHIRE**

| No. | EXISTING FACILITIES |
|---|---|
| 1. | HILTON HOTEL |
| 2. | DOMESTIC TERMINAL |
| 3. | INTERNATIONAL ARRIVALS BUILDING |
| 4. | R.A.C. DEPOT (AVIS, NAT'L. & HERTZ) |
| 512 | C.F.R. |
| 121 | GA TERMINAL |
| T-115 | GA HANGARS |
| 252 | GA HANGARS |
| 253 | MAINTENANCE & GROUND SERVICES |
| 461 | BAR HARBOR AIRLINES |
| 462 | AIRCRAFT SERVICES |
| 463 | BAR HARBOR MAINT. & STORAGE |
| 464 | AIR NAT'L. GUARD MAINT. & STORAGE |
| 271 | FOREIGN TRADE ZONE |

| LEGEND | EXISTING |
|---|---|
| AIRPORT PROPERTY LINE | |
| ROADS AND INTERSTATES | |
| AIRPORT PAVED AREAS | |
| RUNWAY APPROACH CLEAR ZONES | |
| CONTOURS (U.S.G.S. MSL DATUM) | |
| AIRPORT REFERENCE POINT | |
| ABANDONED PAVED SURFACES | |
| BUILDING RESTRICTION LINE (B.R.L.) | |
| BUILDING | |
| MILITARY BUILDING | |
| PRIMARY SURFACE | |
| UNPAVED ROADS/ R.O.W.'S | |
| MISCELLANEOUS PROPERTY LINE | |
| WETLANDS/SWAMPS | |
| TREE LINES/TREES | |
| MIDDLE MARKER | |
| INNER MARKER | |
| OL ON GLIDESLOPE | |
| ROD ON OL GLIDE SLOPE | |
| WINDSOCK | |
| ROD ON OL TRANSMISSOMETER | |

GRAPHIC SCALE
500 0 250 500 1000
( IN FEET )
1 inch = 500 ft.

MAG. N
MAG. DEC. 18°4"W
FEBRUARY, 1990

MATCH LINE A-A

CLEAR ZONE (SEE DATA SHEET)

BANGOR & AROOSTOOK RAILROAD

CITY OF BANGOR

TOWN OF HERMON

B.R.L.

I.L.S. LOCALIZER

1,000' OVERRUN

U.S.E.P. ELEV. 201.81'
U.S.E.O. ELEV. 201.81'
END ELEV. 192.29'

GLIDE SLOPE CRITICAL AREA

GLIDESLOPE ANTENNA

168' T/W CLEARANCE LINE — FAA (C-5)

TAXIWAY "A"

DOWNING ROAD

1,088'±

TAXIWAY "L"

NW-SE RUNWAY

AIRCRAFT SURVEILLANCE RADAR ANTENNA

TAXIWAY "C"

MARIN ST.

EXPLOSIVE CLEARANCE ZONE

MAINEIAC

GLEN

ASHLEY

PERCH STREET

RANGELEY

DRIVE

ILLINOIS AVENUE

OREGON AVENUE

GRIFFIN ROAD

ASHLEY STREET

MAINE AVENUE

GOODRICH BLVD.

UNION

T/W CLEARANCE LINE

FULLER RD.

ROD ON OL TRANSMISSOMETER

OL WINDSOCK ON BUILDING

ROD ON OL ANEMOMETER

50' Right of Way

INSTRUMENT RUNWAY

TRUE BEARING

N 45° 35' 50" W

11,440' X 300'

500'

750'

PRIMARY CLEARANCE LINE

BUILDING RESTRICTION LINE (B.R.L.)

HAMMOND STREET

BULGE

YANKEE

X-RAY

ZULU

GLIDESLOPE ANTENNA

GLIDE SLOPE CRITICAL AREA

U.S.E.P. ELEV. 172.64'
U.S.E.O. & G.S. ELEV. 163.92'
END ELEV. 163.92'

166' T/W CLEARANCE LINE — FAA (C-5A)

LOCALIZER CRITICAL AREA

1,000' OVERRUN

I.L.S. LOCALIZER

OL ON LOCALIZER

CLEAR ZONE (SEE DATA SHEET)

HAMPDEN

BANGOR

PARKING RAMP KC-135

CITY OWNED

COMMERCIAL A/C PARKING RAMP

GENERAL AVIATION ELECTRIC AREA

ANTENNA ON OL BLDG.

NOSE HANGAR

GENERAL AVIATION LIGHT DUTY RAMP

TAKEOFF ZONE

APPROACH SURFACE ZONE

GENERAL AVIATION TERMINAL

105' — 11'A

TEXAS AVE.

MAINE AVE.

UNIVERSITY OF MAINE

WESTLAND STREET

CLEVELAND STREET

WTR. TANK

340 TRANSMITTER SITE

INTERSTATE 95

MULBERRY AVE.

MITOO

BANGOR INDUSTRIAL PARK

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

# EXISTING AIRPORT LAYOUT PLAN

Hoyle,Tanner & Associates, Inc.
Five Commerce Park North Bedford, New Hampshire 03102
HTA Companies — engineers architects planners surveyors

| SCALE: 1" = 500' | DATE: FEBRUARY, 1990 | DES. BY R.J.D. | DR. BY T.W.S. | CHKD. BY R.J.D. |
|---|---|---|---|---|

PROJECT NO. 61202
FILE NAME 612EALP
DO NOT SCALE DRAWING

| REV. | DESCRIPTION | DR. BY | CKD. BY | APPD. BY | DATE |
|---|---|---|---|---|---|

ENGINEER/ARCHITECT

SHEET 1

DRAWING 1

| LEGEND | EXISTING | FUTURE |
|---|---|---|
| AIRPORT PROPERTY LINE | | |
| ROADS AND INTERSTATES | | |
| AIRPORT PAVED AREAS | | |
| RUNWAY APPROACH CLEAR ZONES | | |
| CONTOURS (U.S.G.S. MSL DATUM) | | N/A |
| AIRPORT REFERENCE POINT | | SAME |
| ABANDONED PAVED SURFACES | | |
| BUILDING RESTRICTION LINE (B.R.L.) | | |
| BUILDING (COMMERCIAL) | | |
| BUILDING (MILITARY) | | |
| PAVED SURFACES | | N/A |
| UNPAVED ROADS/ R.O.W.'S | | |
| MISCELLANEOUS PROPERTY LINE | | N/A |
| WETLANDS/SWAMPS | N/A | |
| PAPI | | N/A |
| MIDDLE MARKER | | N/A |
| INNER MARKER | | N/A |
| OL ON GLIDESLOPE | | N/A |
| ROD ON OL GLIDE SLOPE | | N/A |
| WINDSOCK | | N/A |
| ROD ON OL TRANSMISSOMETER | N/A | |
| NEW OR EXTENDED AIRPORT FACIL. | N/A | |
| PARKING AREA | | |
| AIRCRAFT PARKING LIMIT LINE | | |

NOTE: UNREFERENCED NOTATIONS ARE IDENDIFIED ON DATA SHEET.
APPLICABLE EASEMENTS ARE SHOWN ON THE "EXHIBIT A" DRAWINGS WHICH ARE NOT INCLUDED IN THIS SET.

MAG. DEC. 18°41'W
U.S.G.S. FEB.,1990

GRAPHIC SCALE
500 0 250 500 1000
( IN FEET )
1 inch = 500 ft.

MAINE DEPARTMENT OF TRANSPORTATION
AIR TRANSPORTATION DIVISION
AUGUSTA, MAINE
APPROVED _____
DATE 2-1-93

BANGOR CITY COUNCIL
ENTERPRISE OPERATIONS COMMITTEE
APPROVED _____
DATE _____

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
NEW ENGLAND REGION
APPROVED _____
DATE 3/18/93
APPROVED SUBJECT TO COMMENTS AND RECOMMENDATIONS IN LETTER DATED _____

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

# AIRPORT LAYOUT PLAN

Hoyle, Tanner & Associates, Inc.
Five Commerce Park North Bedford, New Hampshire 03102
HTA Companies engineers planners

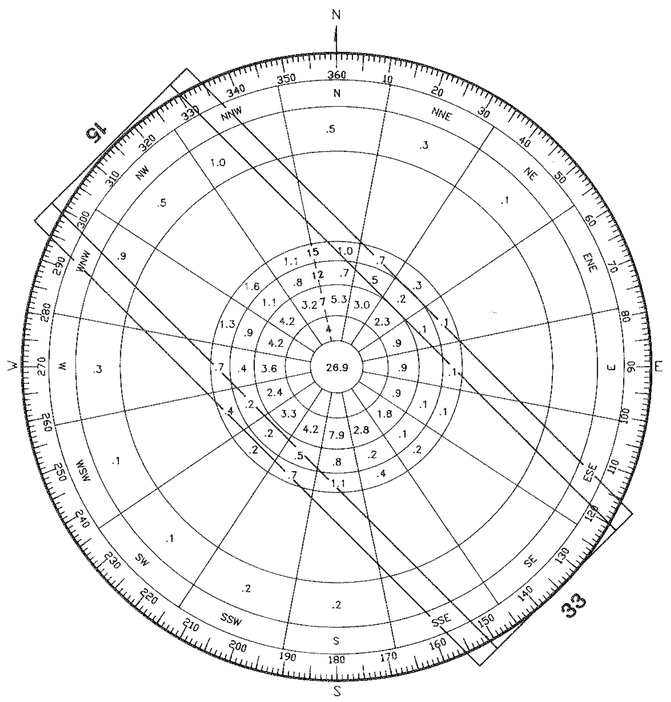
SCALE: 1" = 500' | DATE: DECEMBER, 1991 | DES. BY R.J.D. | DR. BY T.W.S. | CHKD. BY R.J.D.

PROJECT NO. 61202
FILE NAME 612ALP
DO NOT SCALE DRAWING

| REV. | DESCRIPTION | DR. BY | CKD. BY | APPD. BY | DATE |
|---|---|---|---|---|---|

ENGINEER/ARCHITECT

DRAWING NO. 2
SHEET 2 OF 10



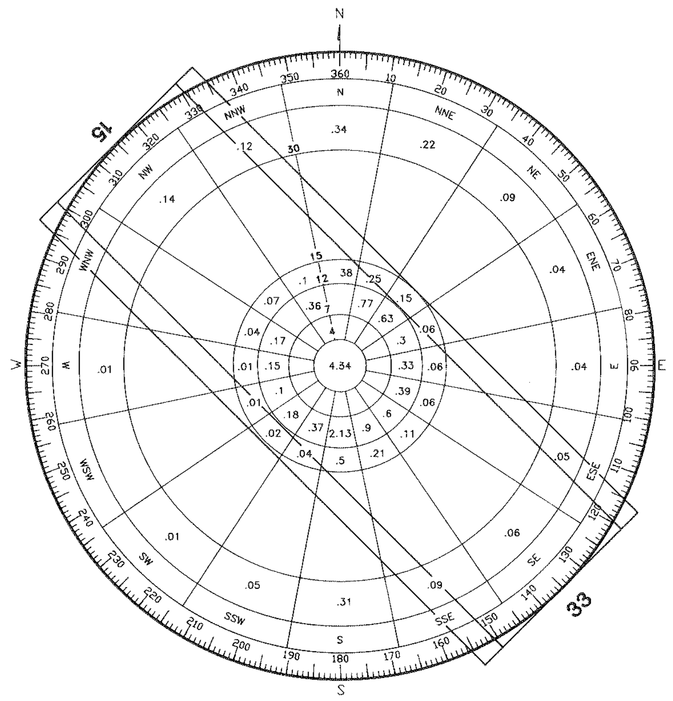

## ALL WEATHER WIND ROSE

WIND COVERAGE

| | 12 MPH | 15 MPH |
|---|---|---|
| RUNWAY 15 | 51.7% | 53.3% |
| RUNWAY 33 | 66.9% | 69.3% |
| COMBINED | 91.7% | 95.7% |
| CALMS | 26.9% | |

SOURCE: NATIONAL CLIMATIC CENTER – FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA

PERIOD: DECEMBER, 1941 – MARCH, 1965



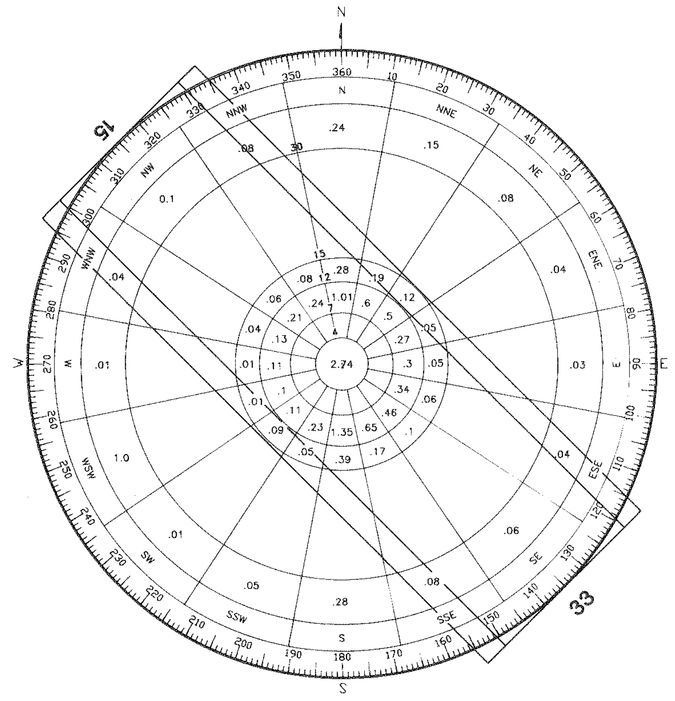

## IFR WIND ROSE

WIND COVERAGE

| | 12 MPH | 15 MPH |
|---|---|---|
| RUNWAY 15 | 62.7% | 64.2% |
| RUNWAY 33 | 50.5% | 52.3% |
| COMBINED | 88.0% | 91.3% |
| CALMS | 25.2% | |

SOURCE: NATIONAL CLIMATIC CENTER – FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA

PERIOD: JANUARY, 1955 – DECEMBER, 1964




## ILS WIND ROSE

WIND COVERAGE

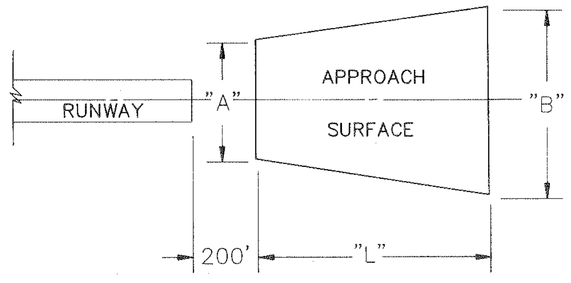
| | 12 MPH | 15 MPH |
|---|---|---|
| RUNWAY 15 | 64.6% | 66.9% |
| RUNWAY 33 | 48.4% | 50.8% |
| COMBINED | 90.7% | 95.3% |
| CALMS | 22.3% | |

SOURCE: NATIONAL CLIMATIC CENTER – FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA

PERIOD: DECEMBER, 1941 – MARCH, 1965

### CLEAR ZONE DATA

| RUNWAY | CATEGORY | APPROACH SLOPE | "L" | "A" | "B" |
|---|---|---|---|---|---|
| 15 | PRECISION | 50:1 | 2,500' | 1,000' | 1,750' |
| 33 | PRECISION | 50:1 | 2,500' | 1,000' | 1,750' |
| **15R** | **PRECISION** | **50:1** | **2,500'** | **1,000'** | **1,750'** |
| **33L** | **PRECISION** | **50:1** | **2,500'** | **1,000'** | **1,750'** |
| **15L @ 4,900'** | **VISUAL** | **20:1** | **1,000'** | **250'** | **450'** |
| **33R @ 4,900'** | **VISUAL** | **20:1** | **1,000'** | **250'** | **450'** |
| **15L @ 9,000'** | **PRECISION** | **50:1** | **2,500'** | **1,000'** | **1,750'** |
| **33R @ 9,000'** | **PRECISION** | **50:1** | **2,500'** | **1,000'** | **1,750'** |




### RUNWAY DATA

| ITEM | 15–33 | 15R–33L | 15L–33R |
|---|---|---|---|
| | EXISTING | FUTURE | FUTURE |
| PHYSICAL LENGTH | 11,440' | **SAME** | **9,000'** |
| WIDTH | 300' | **SAME** | **150'** |
| SAFETY AREA WIDTH | 1,000' | **SAME** | **1,000'** |
| TAXIWAY WIDTHS | 75' | **SAME** | **75'** |
| PVMT. STRENGTH (x1000#) | 400 D.T. | **SAME** | **400 D.T.** |
| PAVEMENT TYPE | CONCRETE | **SAME** | **ASPHALT** |
| RUNWAY LIGHTING | TOUCHDOWN ZONE & CENTER LINE – HIRL | **SAME** | **HIRLS** |
| RUNWAY MARKING | PRECISION | **SAME** | **PRECISION** |
| EFFECTIVE GRADIENT (%) | 0.36% | **SAME** | **0.08%** |
| A/W WIND COVERAGE (%) 12mph | SEE WIND ROSES | **SEE WIND ROSES** | **SEE WIND ROSES** |
| APPROACH AIDS | R/W 15 – ALSF-II<br>R/W 33 – MALSR<br>R/W 15 – VASI<br>R/W 33(ENDS) VASI | **SAME** | **(BOTH ENDS) PAPI** |
| NAVIGATIONAL AIDS | R/W 15 CATII ILS<br>R/W 33 CAT.I ILS | **R/W 15R CAT.III ILS** | **NONE** |
| PART 77 CATEGORY | PRECISION | **PRECISION** | **PRECISION** |
| APPROACH SURFACES | 50:1 | **SAME** | **50:1** |
| | | | |
| | | | |

### AIRPORT DATA

| ITEM | EXISTING | FUTURE |
|---|---|---|
| AIRPORT ELEVATION (U.S.G.S.–M.S.L.) | 192.4 | **204** |
| SERVICE LEVEL | COMM. SERV. PRIMARY | **SAME** |
| AIRPORT ROLE | LONG HAUL | **SAME** |
| MEAN MAX. TEMP HOTTEST MONTH | 78° | **SAME** |
| TERMINAL NAVAIDS | VORTAC, NDB, ASR | **SAME** |
| COMBINED WIND COVERAGE (A/W) 12 MPH / 15 MPH | 91.7% / 95.32% | **SAME** |
| TAXIWAY WIDTHS | 75' | **SAME** |
| TAXIWAY LIGHTING | MITL | **SAME** |
| OWNER | CITY OF BANGOR | **SAME** |
| MAGNETIC DECLINATION | 19° W (1980) | **18°41'W (1990)** |
| AIRCRAFT DESIGN GROUP | V C-5A | **X C-5A B747-400** |
| AIRCRAFT APPROACH SPEED CLASS | D-B747-200 | **E-B747-400** |
| AIRPORT REFERENCE POINT (ARP) | 44°-48'-22"N<br>68°-49'-51"W | 44°-48'-17"N<br>68°-49'-30"W |
| AIRPORT PROPERTY – FEE | 1704.69 AC | **SAME** |
| AIRPORT PROPERTY – EASEMENT | 159.76 | **SAME** |

### AIRPORT FACILITIES (COMMERCIAL)

| I.D. | EXISTING | I.D. | FUTURE |
|---|---|---|---|
| 1 | HILTON HOTEL | A | **RESERVED FOR MAJOR AIRCRAFT MAINTENANCE** |
| 2 | DOMESTIC TERMINAL | B | **CONSOLIDATED CARGO AREA** |
| 3 | INTERNATIONAL ARRIVALS BUILDING | C | **RESERVED FOR ADDITIONAL PARKING** |
| 4 | R.A.S. DEPOT (AVIS, NAT'L. & HERTZ) | D | **EMPLOYEE PARKING** |
| 5 | ARMY GUARD AREA | E | **HOTEL & SHORT TERM PARKING** |
| 512 | C.F.R. | F | **LONG TERM PARKING** |
| 121 | G.A. TERMINAL & FSS | G | **RENTAL CAR PARKING** |
| T-115 | G.A. HANGARS | H | **DOMESTIC TERMINAL EXPANSION** |
| 252 | G.A. HANGARS | I | **INTERNATIONAL TERMINAL EXPANSION** |
| 253 | MAINTENANCE & EQUIPMENT STORAGE | J | **NEW LOCATION FOR RENTAL CAR BLDGS.** |
| 461 | MAINTENANCE & EQUIPMENT STORAGE | K | **RESERVED FOR CORPORATE HANGARS** |
| 462 | AIRLINES MAINTENANCE & STORAGE | L | **T-HANGAR AREA** |
| 463 | AIRLINES MAINTENANCE & STORAGE | M | **G.A. TERMINAL** |
| 464 | AIR NATIONAL GUARD | N | **G.A. ITINERANT PARKING** |
| | | O | **G.A. BASED AIRCRAFT PARKING** |
| | | P | **AIRCRAFT MAINTENANCE HANGAR** |
| | | Q | **RESERVED FOR CORPORATE HANGARS/SMALL AIR CARGO** |
| | | R | **ARMY GUARD AREA** |
| | | | |

NOTE: SEE AIRPORT LAYOUT PLAN (SHEET 2) FOR LOCATIONS.

### AIRPORT FACILITIES (MILITARY)

| I.D. | EXISTING | I.D. | FUTURE |
|---|---|---|---|
| 104 | COMMISSARY | | |
| 105 | COMMISSARY | | |
| 250 | NEW | | |
| 251 | ANG OPERATIONS | | |
| 254 | ANG HANGAR | | |
| 255 | ANG GARAGE | | |
| 257 | PUMP HOUSE | | |
| 260 | ANG HANGAR & OPERATIONS | | |
| 261 | AIRPORT STORAGE | | |
| 416 | GYM | | |
| 417 | DORM/DINING HALL | | |
| 418 | TROOP ISSUE FACILITY | | |
| 420 | COMMISSARY | | |
| 421 | AFNG OPERATIONS (VAQ) | | |
| 422 | AFNG OPERATIONS (REF/CHAPEL) | | |
| 425 | AIRMEN DINING HALL/FUTURE CLUB | | |
| 464 | ANG MAINTENANCE & STORAGE | | |
| 485 | TRAFFIC CHECK HOUSE | | |
| 487 | AFNG OPERATIONS | | |
| 489 | SECURITY POLICE | | |
| 491 | SQUAD. OPERATIONS | | |
| 492 | CLINIC | | |
| 493 | SUPPLY WAREHOUSE | | |
| 494 | AGE | | |
| 497 | ENGINE I&R | | |
| 505 | WING HEADQUARTERS | | |
| 510 | 776 RADS OPERATION | | |
| 512 | FIRE STATION (CRASH) | | |
| 526 | PUMP HOUSE No. 4 | | |
| 600 | VACANT | | |
| 610 | VACANT | | |
| | | | |
| | | | |
| | | | |

ENGINEER/ARCHITECT

| NO. | DESCRIPTION | DR. BY | CHKD. BY | APPD. BY | DATE |
|---|---|---|---|---|---|
| | | | | | |

PROJECT NO. 61202
FILE NAME DATASHT
DO NOT ERASE DRAWING REV.

Hoyle, Tanner & Associates, Inc.
engineers architects planners surveyors
One Continental Park, Suite 1 Bedford, New Hampshire 03102

DES. BY RJD | DR. BY TWS/PAA | CHKD. BY RJD

DATE: DECEMBER, 1991

SCALE: N/A

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

# DATA SHEET

DRAWING NO. 3

SHEET 3 OF 10

MAG. N
MAG. DEC. 18°41"W
U.S.G.S. (1990)

FULLER RD.

CFR BLDG.
512
CONTROL TOWER
502
501
504
526
527
487
488
489
466
461
463
462
464

KC-135
PARKING RAMP

AIR NATIONAL GUARD RAMP

RESERVED FOR MAJOR AIRCRAFT MAINTENANCE

RESERVED FOR MAJOR AIRCRAFT MAINTENANCE

ANG LEASE LINE

T/W CLEARANCE LINE — FAA (C-5A)

50' Right of Way

CONSOLIDATED CARGO AREA

RESERVED FOR ADDITIONAL PARKING

CIVILIAN FUEL HYDRANTS

B-747

POLK AVENUE

GENERAL ELECTRIC AREA

RESERVED FOR CORPORATE HANGARS / SMALL AIR CARGO

PROPOSED RELOCATION OF MAINE AVE.

INTERNATIONAL TERMINAL EXPANSION

RESERVED FOR INTERNATIONAL TERMINAL EXPANSION

AIR CARRIER RAMP

B-747
B-747
B-747
B-747
L-1011
DC-10
767-200
B-727
B-727
B-727

UTAH AVENUE

EMPLOYEE PARKING (CAP. 200 AUTOS)
RENTAL CAR (CAP. 100 SPACES)
EMPLOYEE PARKING (CAP. 140 AUTOS)
RESERVE FOR ADDIT. PARKING (CAP. 140 AUTOS)

INTERNATIONAL ARRIVALS BUILDING

DOMESTIC TERMINAL BUILDING

HILTON HOTEL

HOTEL & SHORT TERM PARKING (CAP. 300 AUTOS)

EMPLOYEE PARKING (CAP. 190)

LONG TERM PARKING (CAP. 500 AUTOS)

DOMESTIC TERMINAL EXPANSION

PARKING LOT EXIT

TO UNION ST.

BLVD.

GOOFREY

ADDITIONAL COMMUTER PARKING

COMMUTER PARKING AREA

RENTAL CAR PARKING

TAXIWAY "F"
TAXIWAY "A"
TAXIWAY "K"

179'
160'
160'

T/W CLEARANCE LINE — FAA (C-5A)

10' WIDE WALKWAY

HELIPAD APPROACH & DEPARTURE SURFACES

99'
T/W CLEARANCE LINE

SEE DRAWING 5
MATCH LINE

260
261

RESERVED FOR CORPORATE HANGARS

GRAPHIC SCALE
100 0 50 100 200
( IN FEET )
1 inch = 100 ft.

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

# AIR CARRIER TERMINAL AREA PLAN

Hoyle, Tanner & Associates, Inc.
Five Commerce Park North Bedford, New Hampshire 03102
HTA Companies — engineers architects planners surveyors

| SCALE | DATE | DES. BY | DR. BY | CHKD. BY |
|---|---|---|---|---|
| 1" = 100' | FEBRUARY, 1990 | R.J.D. | T.W.S. | R.J.D. |

PROJECT NO. 61202
FILE NAME AC_TALP
DO NOT SCALE DRAWING

| REV. | DESCRIPTION | DR. BY | CKD. BY | APPD. BY | DATE |
|---|---|---|---|---|---|

ENGINEER/ARCHITECT

DRAWING NO. 4
SHEET 4 OF 10

GRAPHIC SCALE
100 0 50 100 200
( IN FEET )
1 inch = 100 ft.

T/W CLEARANCE LINE
66'
TAXIWAY "B"
MATCH LINE SEE DRAWING 4
LONG TERM PARKING (CAP. 500 AUTOS)
HOTEL & SHORT TERM ℄ PARKING (CAP. 300 AUTOS)
T-HANGARS (TYP.)
RENTAL CAR PARKING
10' WIDE WALKWAY
RECONSTRUCT EXISTING PAVEMENT
SEE DRAWING 4 MATCH LINE
ARMY NATIONAL GUARD HELICOPTER RAMP
264
265
263
262
RESERVED FOR CORPORATE HANGARS
HANGARS TO BE REMOVED
EDGE OF PAVEMENT
PROPOSED RELOCATION OF MAINE AVENUE
FLORENCE AVENUE
MAINE AVE.
UNIVERSITY OF MAINE
MAG. N
MAG. DEC. 18°41'W U.S.G.S. (1990)
275
251
250
HAYES STREET
261
257
260
255
254
252
298
253
247
TEXAS AVE.
GENERAL AVIATION TERMINAL
AUTO PARKING
HANGAR
HANGAR
AUTO PARKING
121
FAA
105 - 104
PROPOSED FENCE
GA TERMINAL
BASED GA AIRCRAFT
ITINERANT RAMP
HELICOPTER APPROACH DEPARTURE ZONE
GENERAL AVIATION LIGHT DUTY RAMP
T-115
96
97
92
98
AUTO PARKING
HANGAR
A/C MAINT. HANGAR
179'
T/W CLEARANCE LINE - FAA (C-5A)
TAXIWAY "A"
RUNWAY 15L-33R
150' X 9,000'

SHEET 5 OF 10 | DRAWING NO. 5

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

# G.A. TERMINAL AREA PLAN

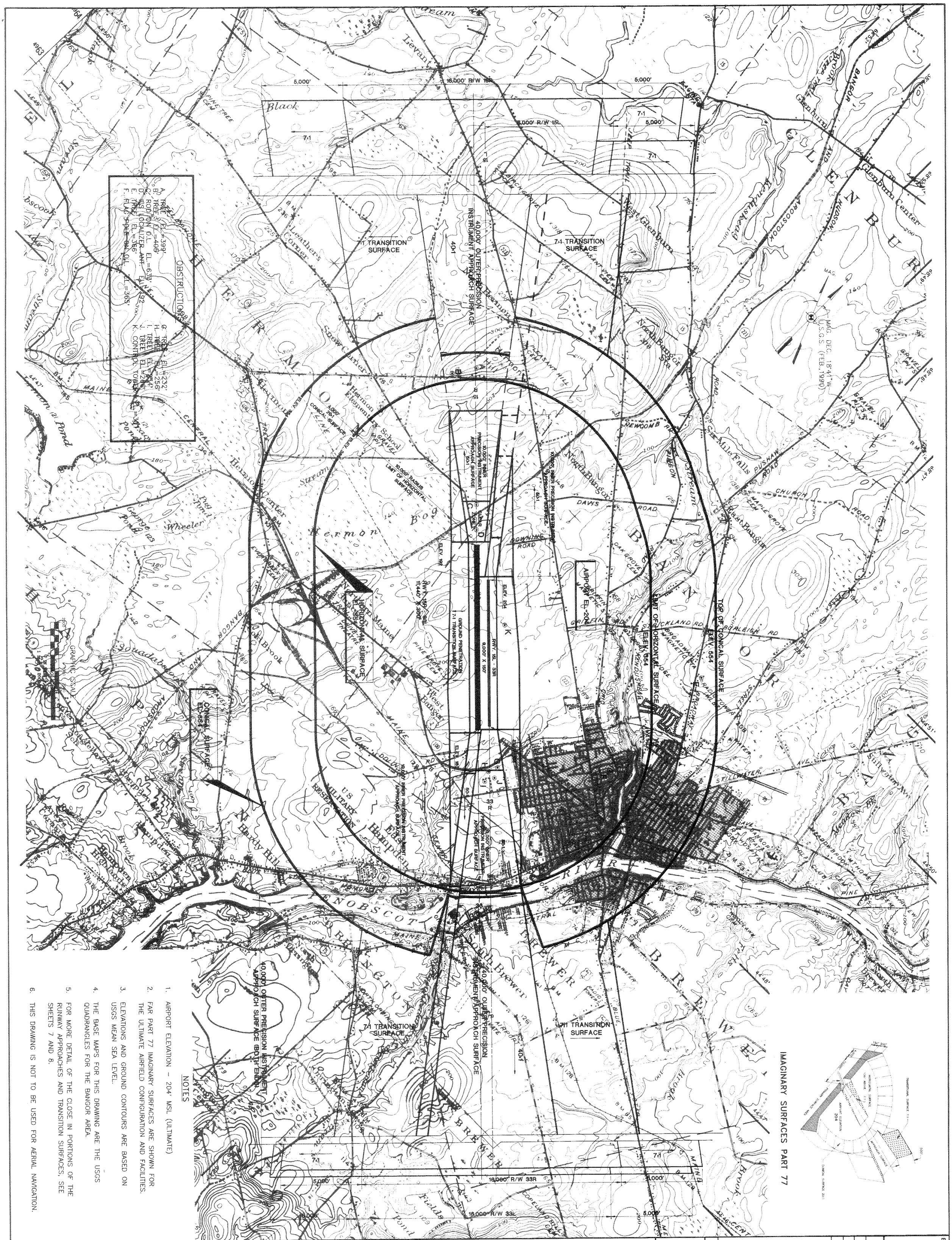
Hoyle,Tanner & Associates, Inc.
Five Commerce Park North Bedford, New Hampshire 03102
HTA Companies engineers architects planners surveyors

SCALE: 1" = 100' | DATE: FEBRUARY, 1990 | DES. BY R.J.D. | DR. BY T.W.S. | CHKD. BY R.J.D.

PROJECT NO. 61202
FILE NAME GA_TALP
DO NOT SCALE DRAWING

| REV. | DESCRIPTION | DR. BY | CKD. BY | APPD. BY | DATE |
|---|---|---|---|---|---|

ENGINEER/ARCHITECT




NOTES

1. AIRPORT ELEVATION – 204' MSL (ULTIMATE)
2. FAR PART 77 IMAGINARY SURFACES ARE SHOWN FOR THE ULTIMATE AIRFIELD CONFIGURATION AND FACILITIES.
3. ELEVATIONS AND GROUND CONTOURS ARE BASED ON USGS MEAN SEA LEVEL.
4. THE BASE MAPS FOR THIS DRAWING ARE THE USGS QUADRANGLES FOR THE BANGOR AREA.
5. FOR MORE DETAIL OF THE CLOSE IN PORTIONS OF THE RUNWAY APPROACHES AND TRANSITION SURFACES, SEE SHEETS 7 AND 8.
6. THIS DRAWING IS NOT TO BE USED FOR AERIAL NAVIGATION.

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

AIRPORT IMAGINARY SURFACES PLAN

Hoyle, Tanner & Associates, Inc.
Five Commerce Park North • Bedford, N.H. 03102 • (603)669-5555
HTA Companies engineers architects planners

| SCALE: 1" = 2000' | DATE: FEBRUARY, 1990 | DES. BY R.J.D. | DR. BY T.W.S. | CHKD. BY R.J.D. |
|---|---|---|---|---|

PROJECT NO 61202

| REV. | DESCRIPTION | DR. BY | CKD. BY | APPD. BY | DATE |
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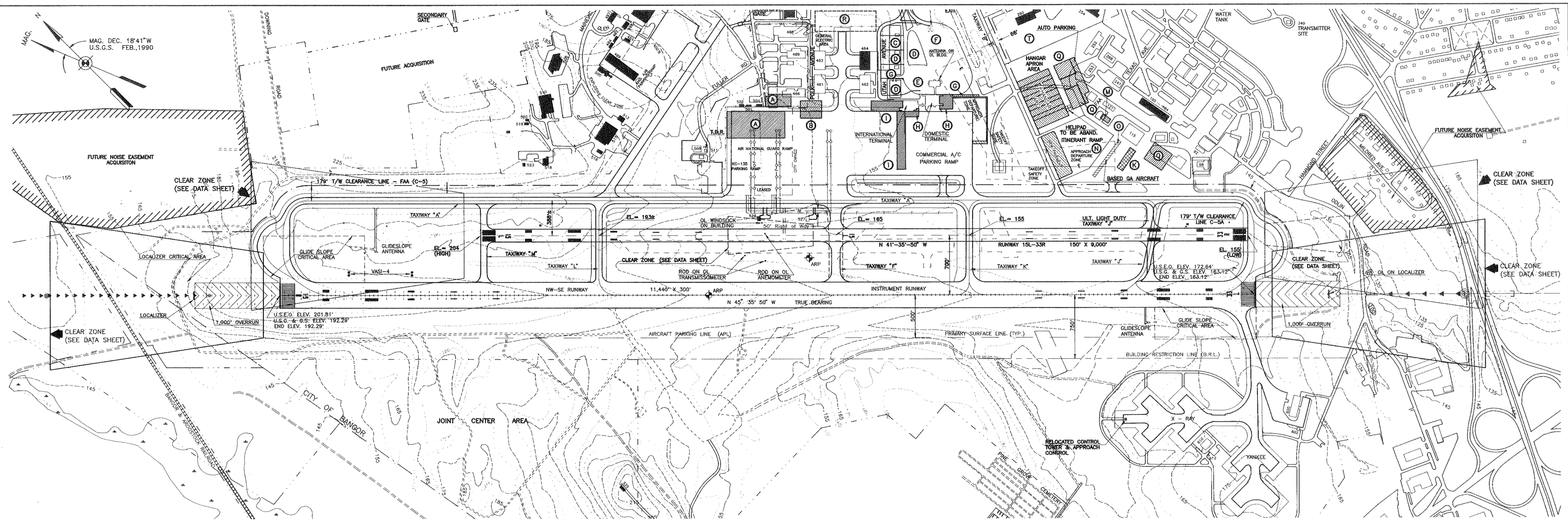
ENGINEER / ARCHITECT

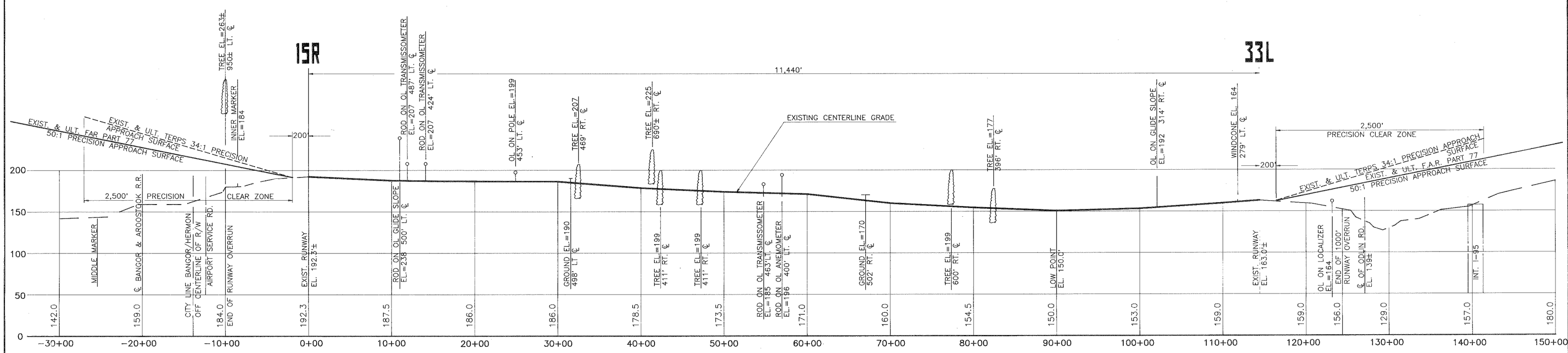
DRAWING NO. 6

SHEET 6 OF 10

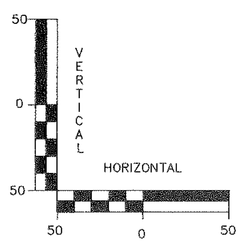
DO NOT SCALE DRAWING




PLAN - SCALE: 1"=500'




PROFILE - RUNWAY 15R - 33L




NOTES:

1. OBSTRUCTIONS AS SHOWN WERE TAKEN FROM BANGOR INTERNATIONAL AIRPORT OBSTRUCTION CHART (OC39), JANUARY, 1989.
2. OBSTRUCTION OFFSET ℄ DISTANCES WERE TAKEN FROM RUNWAY 15 END TO RUNWAY 33 END.

ENGINEER/ARCHITECT

| REV. | DESCRIPTION | DR. CHKD. APPD. BY BY BY | DATE |
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PROJECT NO. 61202
FILE NAME PP15R33L
DO NOT SCALE DRAWING

HTA engineers architects planners surveyors Companies

Hoyle,Tanner & Associates, Inc.
Five Commerce Park North Bedford, New Hampshire 03102

| DES. BY | DR. BY | CHKD. BY |
|---|---|---|
| T.W.S. | T.W.S. | R.J.D. |

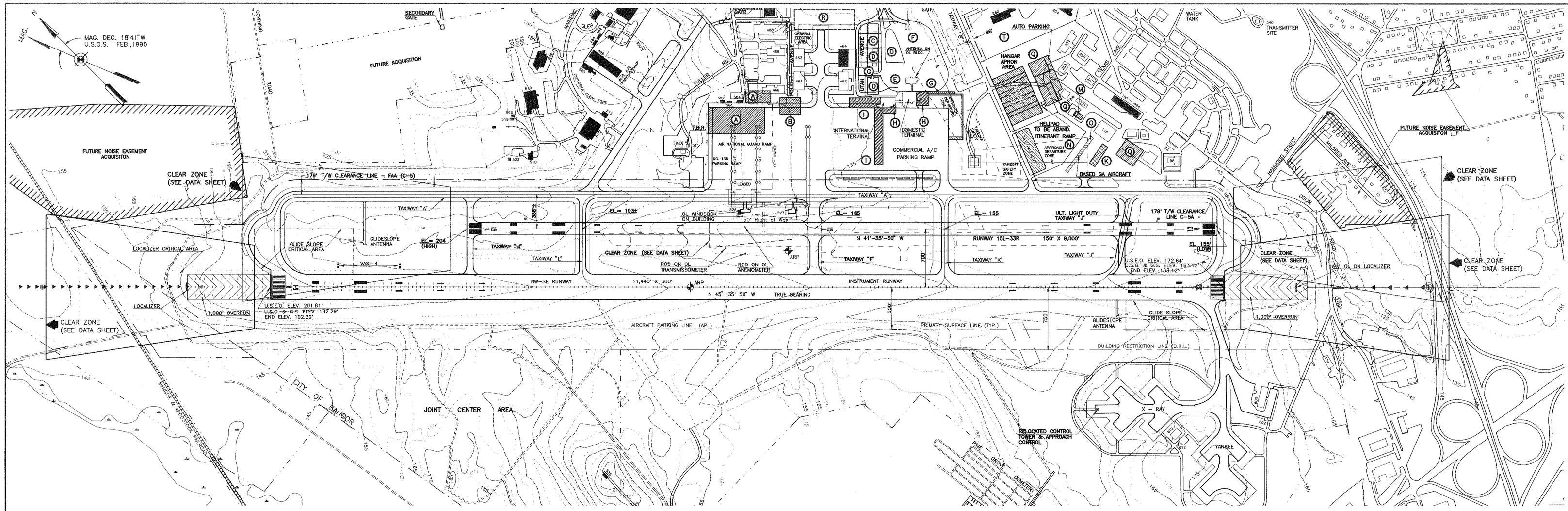
DATE: DECEMBER, 1991
SCALE: 1" = 500'

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

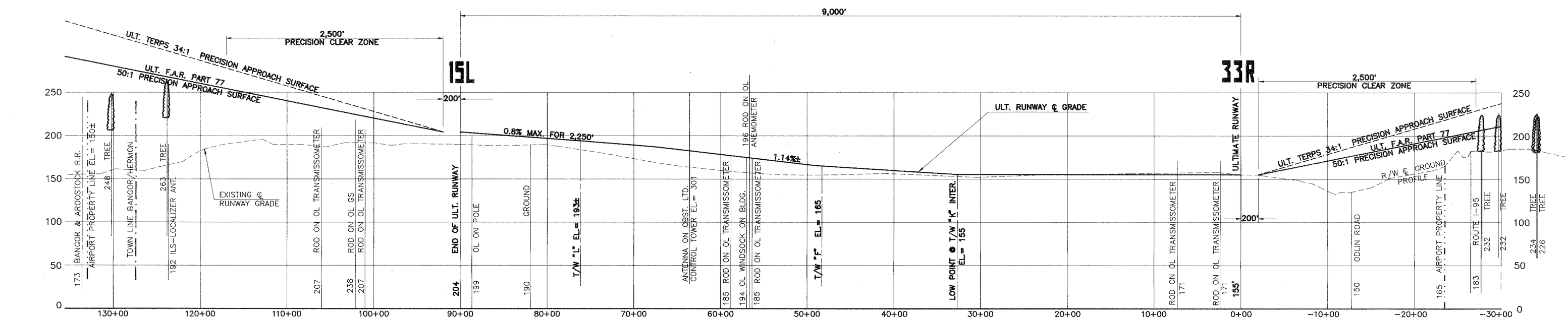
# PLAN & PROFILE R/W 15R - 33L

DRAWING NO. 7

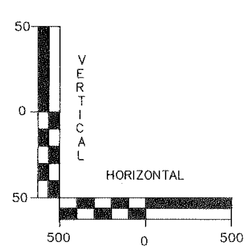
SHEET 7 OF 10




PLAN – SCALE: 1"=500'




PROFILE – RUNWAY 15L–33R




ENGINEER/ARCHITECT

| NO. | DESCRIPTION | DR. BY | CHKD. BY | APPD. BY | DATE |
|---|---|---|---|---|---|
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PROJECT NO. 61202

FILE NAME PP15L33R

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HTA Companies

Hoyle, Tanner & Associates, Inc.
Five Commerce Park North - Bedford, New Hampshire 03102

| DES. BY | DR. BY | CHKD. BY |
|---|---|---|
| R.J.D. | T.W.S. | R.J.D. |

DATE: DECEMBER, 1991

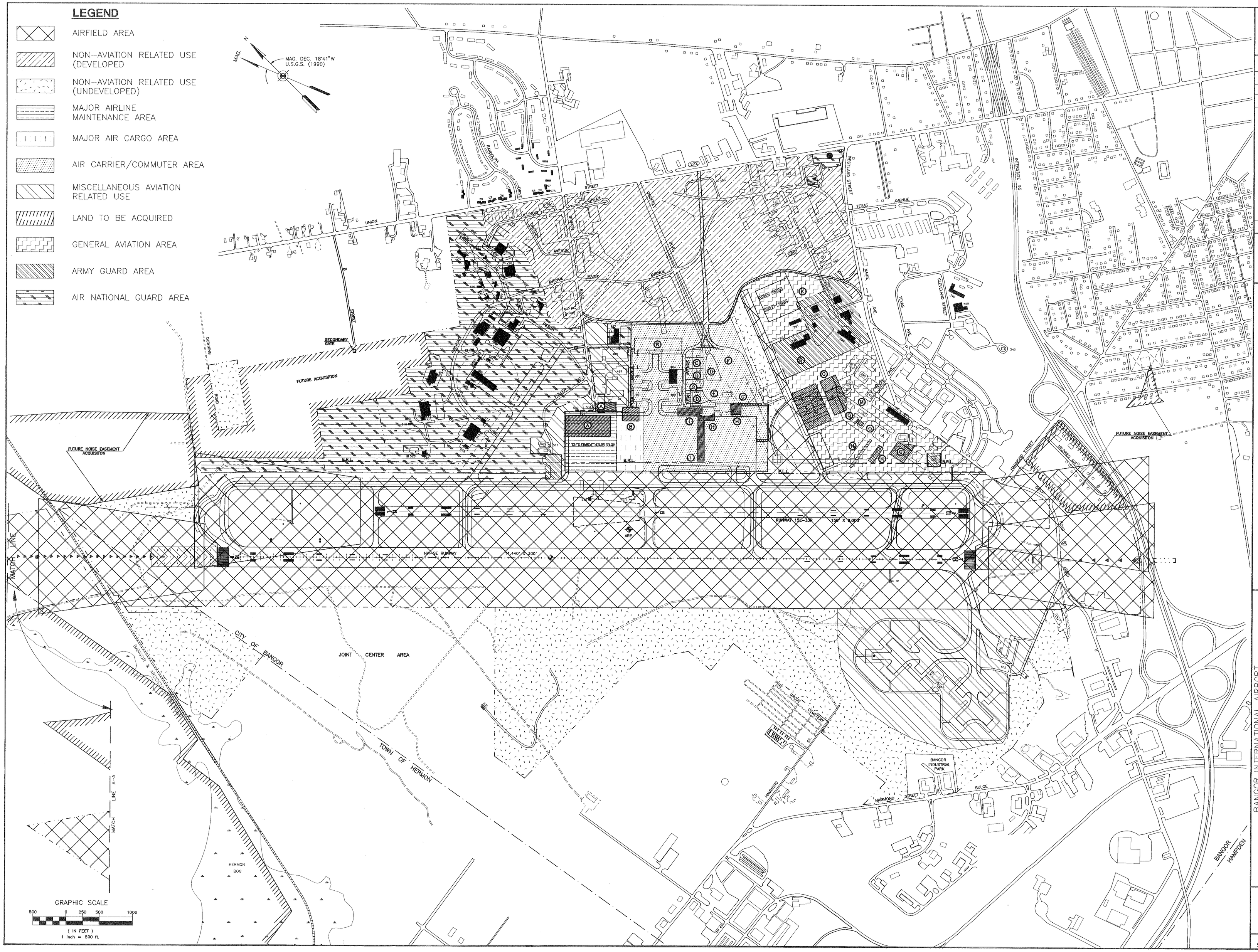
SCALE: 1" = 500'

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

# PLAN & PROFILE R/W 15L – 33R

DRAWING NO. 8

SHEET 8 OF 10




ENGINEER/ARCHITECT

| REV. | DESCRIPTION | DR. BY | CKD BY | APPD. BY | DATE |
|---|---|---|---|---|---|

PROJECT NO. 61202

FILE NAME ON-APTLU

DO NOT SCALE DRAWING

Hoyle, Tanner & Associates, Inc.
Five Commerce Park North Bedford, New Hampshire 03102

engineers architects planners surveyors
HTA Companies

| DES. BY | DR. BY | CHKD. BY |
|---|---|---|
| R.J.D. | T.W.S. | R.J.D. |

DATE: DECEMBER, 1991

SCALE: 1" = 500'

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

# LAND USE PLAN (ON-AIRPORT)

DRAWING NO. 9

SHEET 9 OF 10

ENGINEER/ARCHITECT

| REV. | DESCRIPTION | DR. BY | CKD. BY | APPD. BY | DATE |
|---|---|---|---|---|---|

PROJECT NO. 61202

FILE NAME LANDUSE

DO NOT SCALE DRAWING

Hoyle, Tanner & Associates, Inc.
Five Commerce Park North Bedford, New Hampshire 03102

HTA Companies engineers architects planners surveyors

| DES. BY | DR. BY | CHKD. BY |
|---|---|---|
| T.W.S. | T.W.S. | R.J.D. |

DATE: DECEMBER, 1991

SCALE: 1" = 1000'

BANGOR INTERNATIONAL AIRPORT
BANGOR, MAINE

# LAND USE PLAN (OFF-AIRPORT)

DRAWING NO. 10

SHEET 10 OF 10