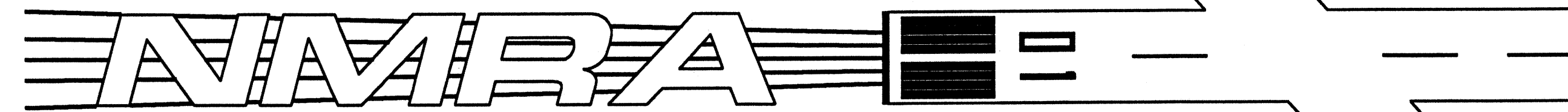


MASTER PLAN UPDATE STUDY

AIRPORT LAYOUT PLAN SET

NORTHERN MAINE REGIONAL AIRPORT

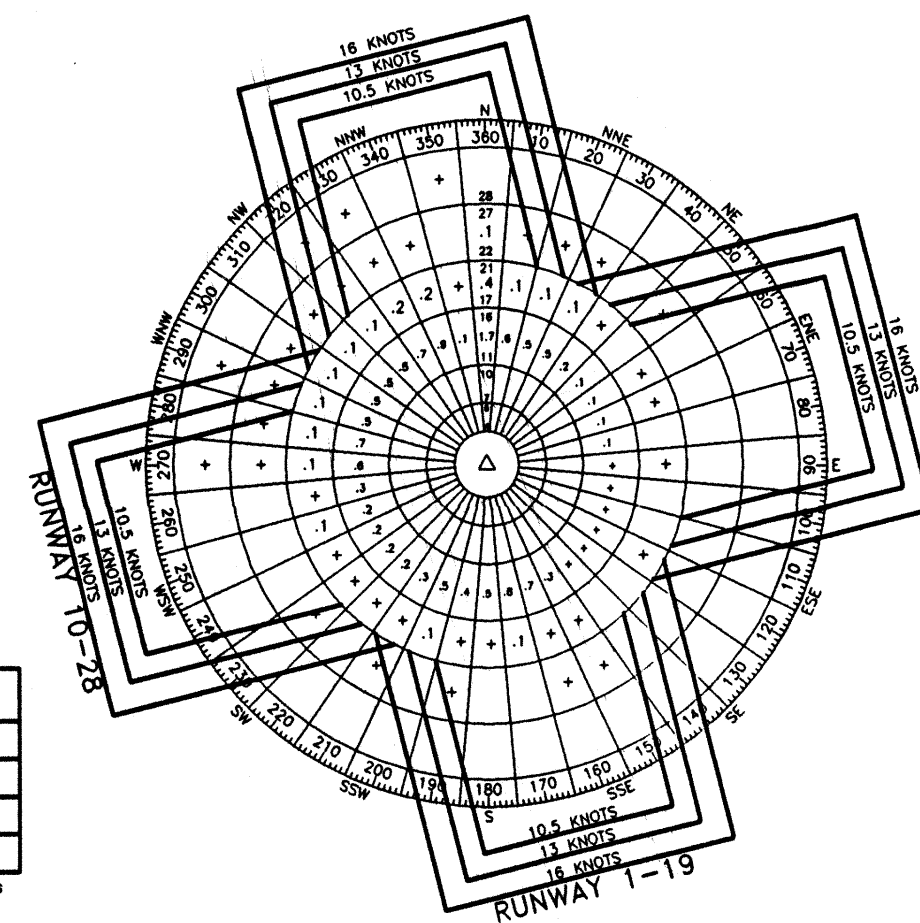


PRESQUE ISLE, MAINE

AIP NO. 3 - 23 - 0039 - 14 - 97

INDEX OF DRAWINGS

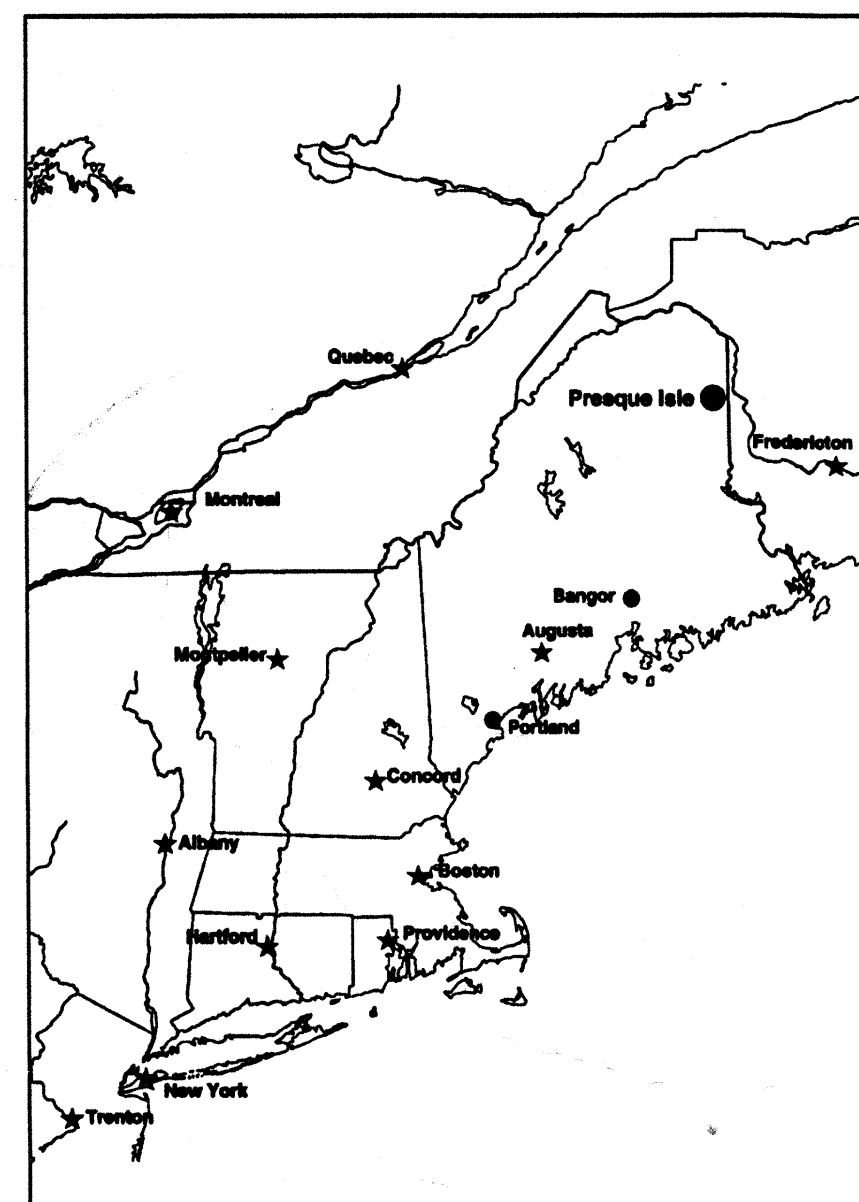
1. Title Sheet
2. Airport Layout Drawing
3. Terminal Area Plan
4. Part 77 - Full Area
5. Part 77 - Conical Surface
6. Runway Primary / Transitional Surfaces
7. Runway Protection Zone RW 1
8. Runway Protection Zone RW 19
9. Runway Protection Zone RW 10
10. Runway Protection Zone RW 28
11. Airport Land Use with
2020 DNL Noise Contours
12. Existing Airport Utility Plan
13. Exhibit "A" Property Map



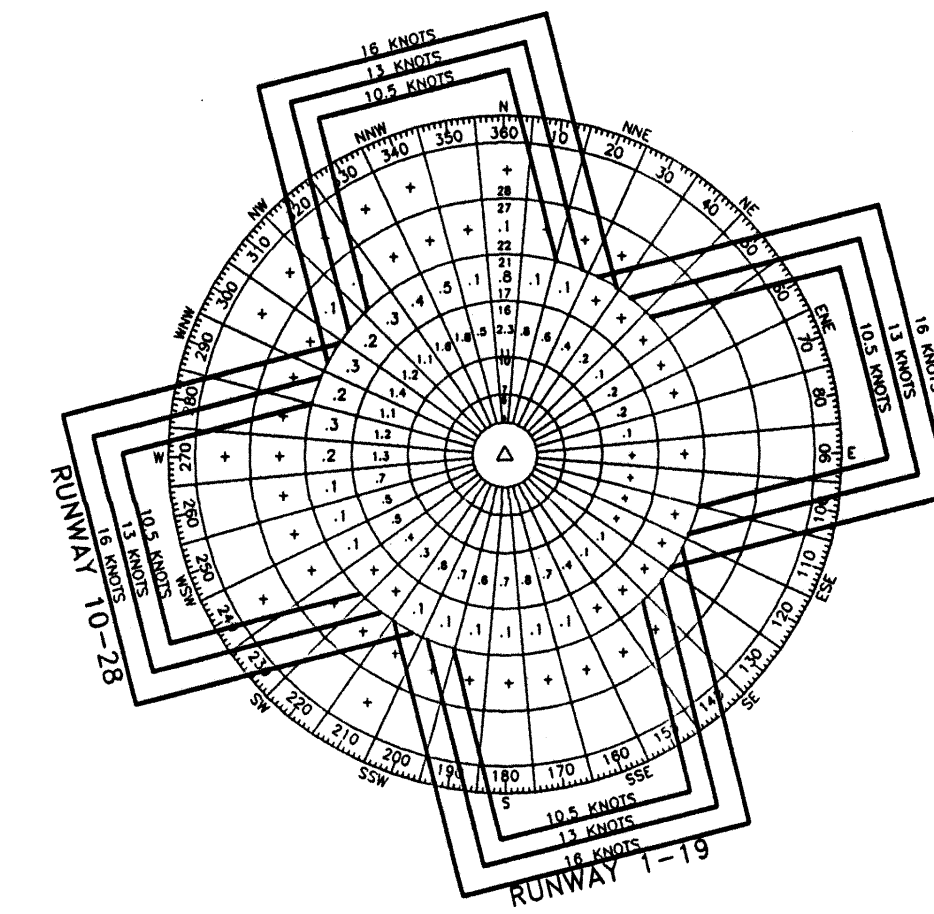
| IFR WIND COVERAGE | | | |
|-------------------|----------|--------|--------|
| Runway | 10.5 Kts | 13 Kts | 16 Kts |
| 1-19 | 95.35% | 97.60% | 99.37% |
| 10-28 | 89.38% | 93.73% | 98.12% |
| Combined | 99.11% | 99.78% | 99.94% |

Source: National Climatic Data Center, HNTB analysis
Period of Observations: 1987 - 1996
IFR defined as ceiling between 250 and 1000 ft. and visibility between 1/2 and 3 miles.

IFR WINDROSE



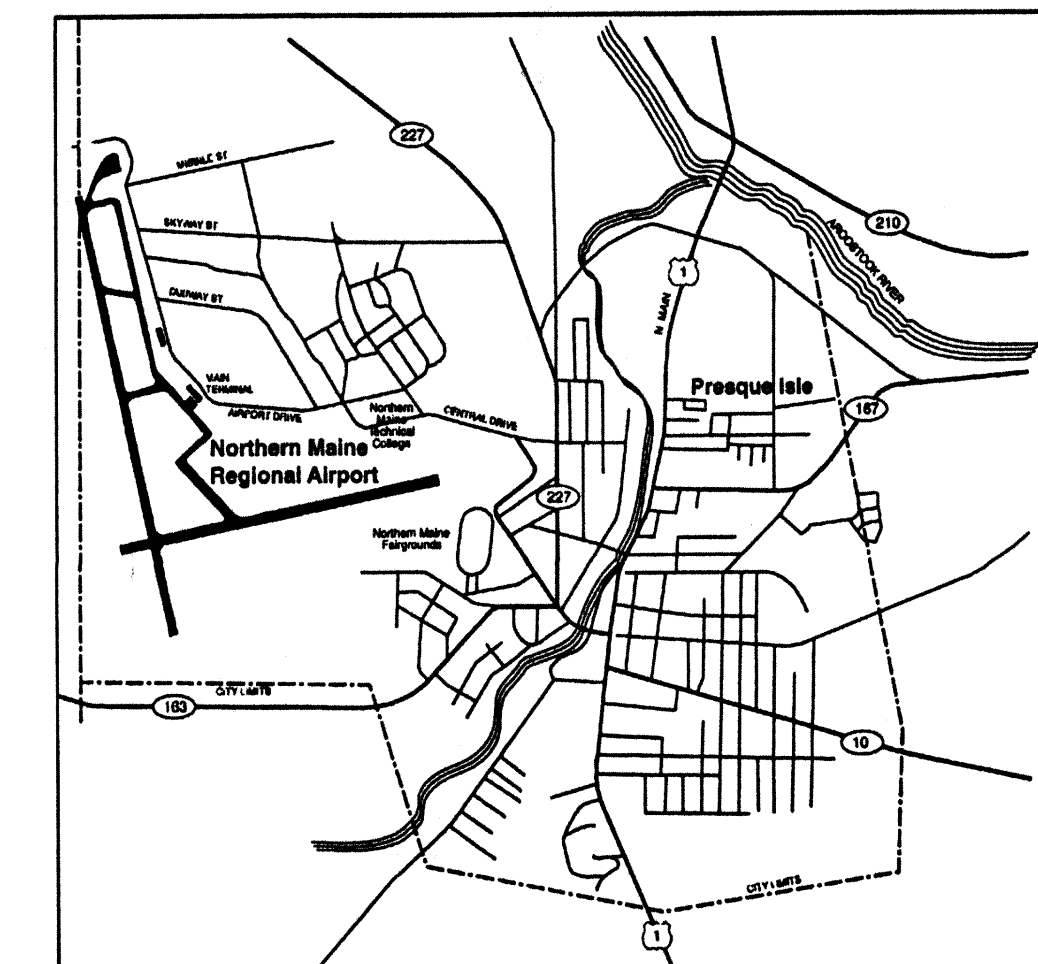
LOCATION MAP



| VFR WIND COVERAGE | | | |
|-------------------|----------|--------|--------|
| Runway | 10.5 Kts | 13 Kts | 16 Kts |
| 1-19 | 91.21% | 95.50% | 98.87% |
| 10-28 | 82.59% | 89.61% | 96.49% |
| Combined | 93.38% | 92.62% | 92.94% |

Source: National Climatic Data Center, HNTB analysis
Period of Observations: 1987 - 1996
VFR defined as ceiling above 1000 ft. and visibility greater than 3 miles.

VFR WINDROSE



VICINITY MAP

Prepared For
City of Presque Isle
Northern Maine Regional Airport

Prepared by

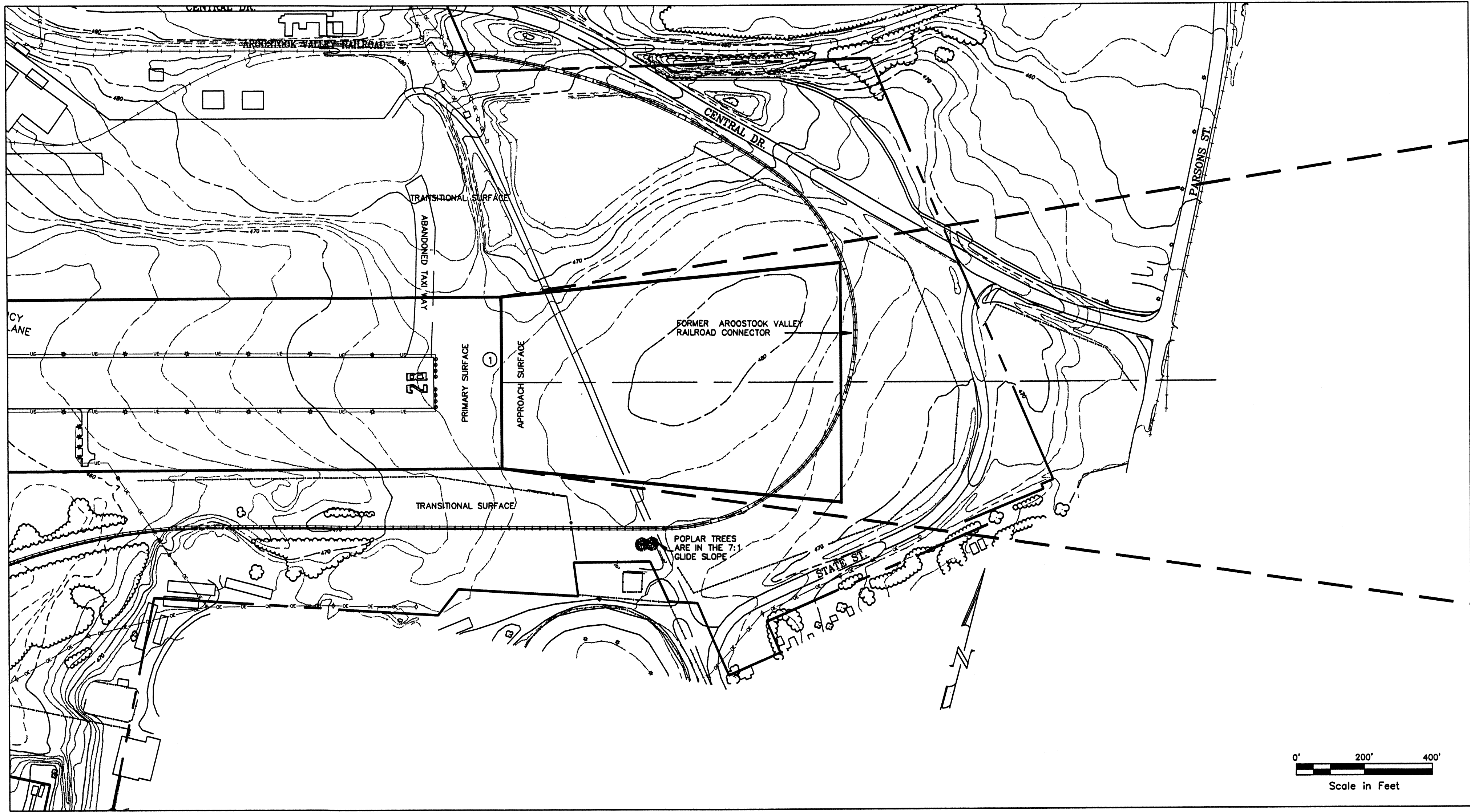


ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

January 2000

A B C D E F G H

1
2
3
4
5
6



NOTES:

1. THE BASE MAPPING FOR THIS PROJECT IS A COMPILATION OF INFORMATION FROM A VARIETY OF SOURCES. THE MAJORITY OF THE MAPPING IS BASED ON WORK COMPLETED BY AERIAL SURVEY AND PHOTO, INC. FOR THE 1993 MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION SITE LICENSE APPLICATION FOR THE NORTHERN MAINE REGIONAL AIRPORT. THIS INFORMATION HAS BEEN SUPPLEMENTED BY ADDITIONAL GROUND SURVEYS ON CRITICAL AREAS OF THE SITE.
2. VEGETATIVE PROJECTIONS OF PART 77 SURFACES SHOWN HEREON ARE PARTIALLY BASED ON TREETOP HEIGHT AS DIGITIZED FROM 1993 AERIAL PHOTOGRAPHY. A PROFESSIONAL FORESTER WAS RETAINED TO PROVIDE AN OPINION OF GROWTHS OF THE VARIOUS AREAS OF VEGETATION SINCE THE PHOTOGRAPHY. THE DIGITIZED HEIGHTS WERE VERTICALLY ADJUSTED TO REFLECT THE GROWTH, GIVEN THE ASSUMPTIONS MADE DURING THIS PROCESS.
3. SEE THE OBSTRUCTION MITIGATION REPORT FOR ADDITIONAL INFORMATION.

RUNWAY 28 APPROACH SURFACE OBSTRUCTIONS

| # | DESCRIPTION | APPROXIMATE AMOUNT OF PENETRATION | PROPOSED MITIGATION |
|---|---------------------|-----------------------------------|---------------------|
| 1 | TERRAIN | 2' | NONE |
| 2 | RAILROAD (FUTURE) | 9' | NONE |

| | | | | |
|------|--------|-------|---------|---------|
| DATE | DESIGN | DRAWN | CHECKED | JOB NO. |
| | | | | |

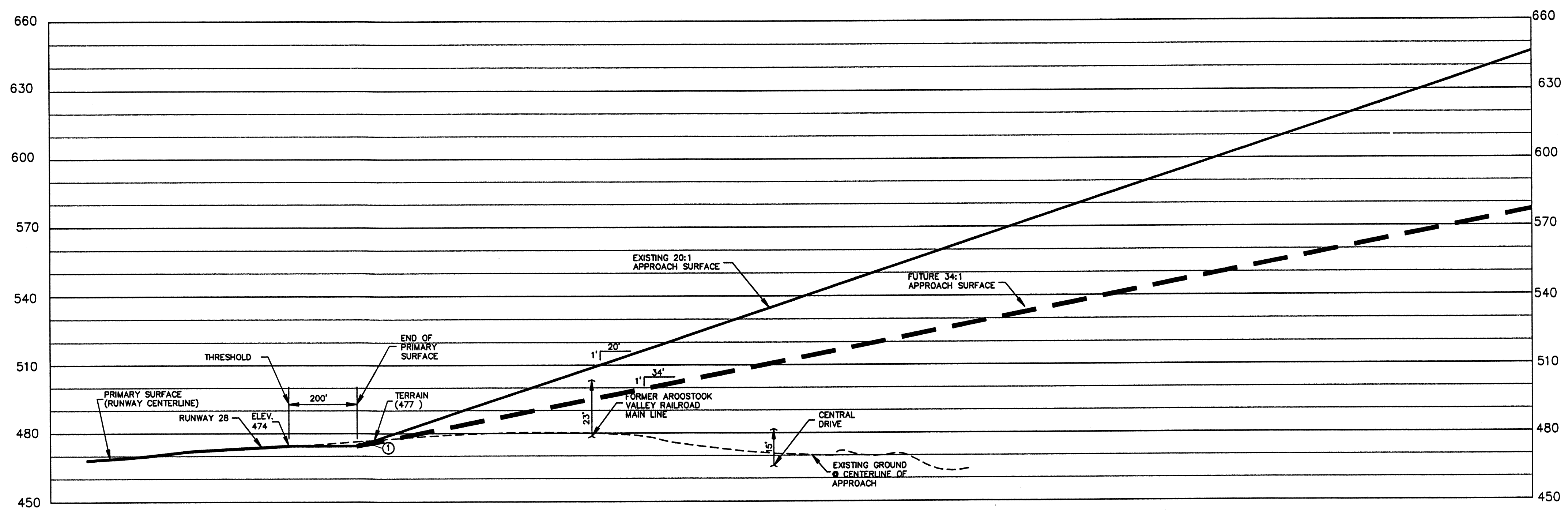
NORTHERN MAINE REGIONAL AIRPORT
PRESQUE ISLE, MAINE

BRSA
B.R. Smith Associates, Inc.
Surveying Engineering Architecture
P.O. Box 488, Presque Isle, ME 04769-0488
Tel. 207/734-3301 Fax 207/734-3318

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

PROJECT NAME: MASTER PLAN UPDATE
DRAWING TITLE: RUNWAY 28 END APPROACH

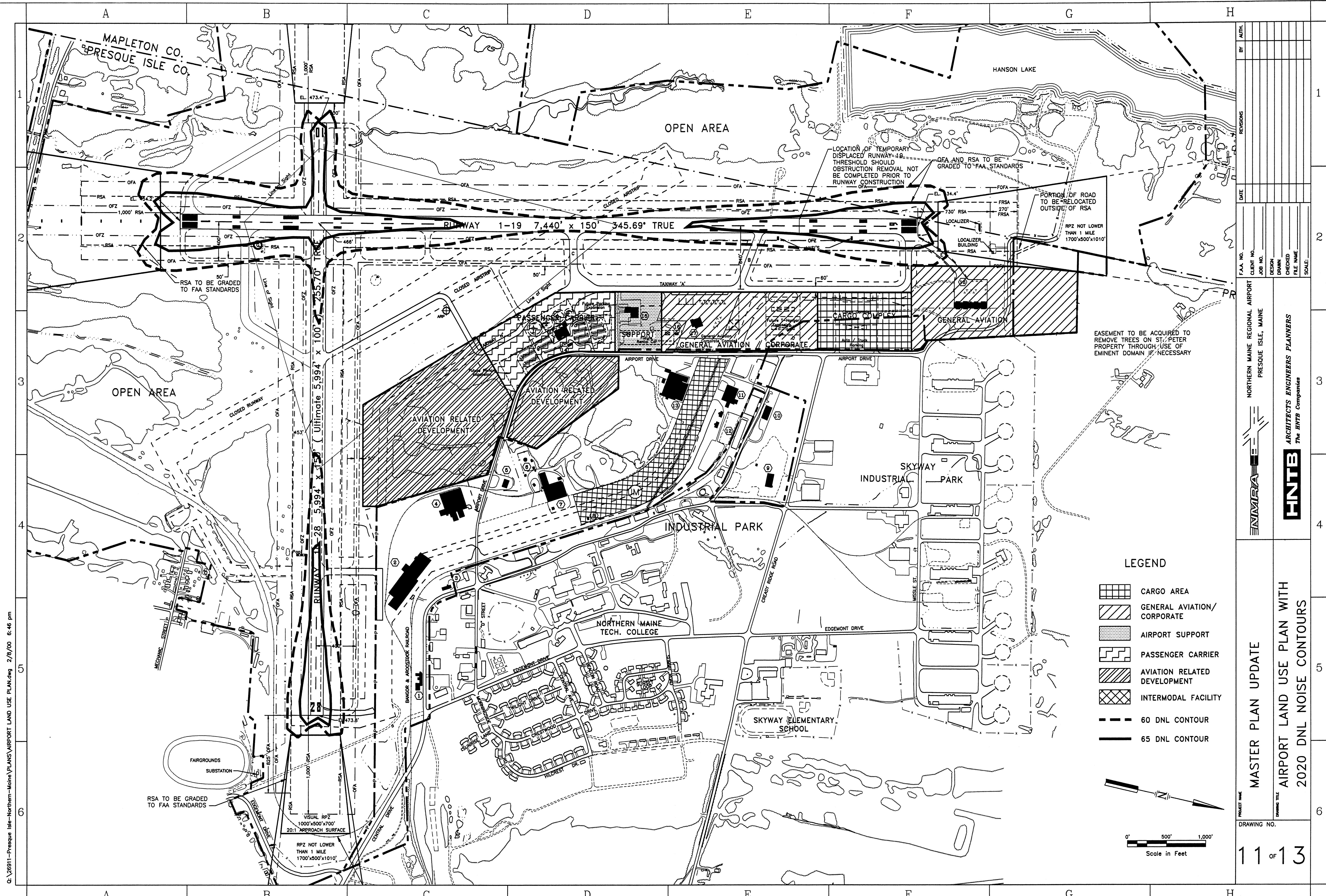
DRAWING NO. 10 of 13



CENTERLINE PROFILE
SCALE: HORIZ 1" = 200'
VERT 1" = 30'

A B C D E F G H

G:\26911-Presque Isle-Northern-Maine\PLANS\FW-28-approach.dwg 2/2/00 6:42 pm



G:\26911-Presque Isle-Northern-Maine\PLANS\AIRPORT LAND USE PLAN.dwg 2/19/00 8:46 pm

| REV. NO. | DATE | BY | APPV. |
|----------|------|----|-------|
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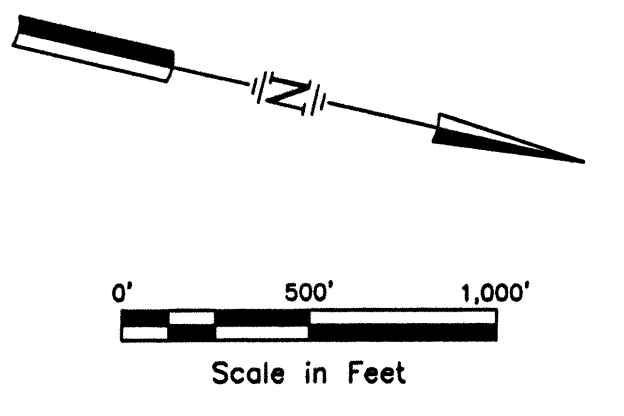
F.A.A. NO. _____
 CLIENT NO. _____
 JOB NO. _____
 DESIGN _____
 DRAWN _____
 CHECKED _____
 FILE NAME _____
 SCALE: _____

NORTHERN MAINE REGIONAL AIRPORT
 PRESQUE ISLE, MAINE

ENVIRO
ARCHITECTS ENGINEERS PLANNERS
 The ENTE Companies

LEGEND

- CARGO AREA
- GENERAL AVIATION/ CORPORATE
- AIRPORT SUPPORT
- PASSENGER CARRIER
- AVIATION RELATED DEVELOPMENT
- INTERMODAL FACILITY
- 60 DNL CONTOUR
- 65 DNL CONTOUR



PROJECT NAME: MASTER PLAN UPDATE
 DRAWING TITLE: AIRPORT LAND USE PLAN WITH 2020 DNL NOISE CONTOURS

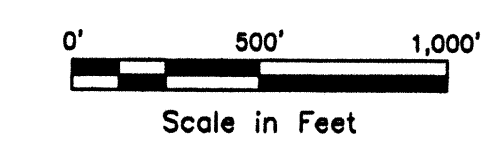
DRAWING NO. 11 OF 13

G:\26911-Presque Isle-Northern-Maine\PLANS\view-utility.dwg 2/19/00 6:49 pm

| LEGEND | |
|--------------------------------|-------------|
| | EXISTING |
| Object Free Area | --- OFA --- |
| Runway Safety Area | --- RSA --- |
| Object Free Zone | --- OFZ --- |
| Roads | --- |
| Pavement | --- |
| Runway Protection Zone | --- |
| On-Airport Property Buildings | --- |
| Off-Airport Property Buildings | --- |
| Fence Line | --- |
| Property Line | --- |
| Tree and Treetop Elev. | --- |
| RVR | ● |
| MALSR | ⋯ |
| Windsock | ▲ |
| Papi | ⊕ |
| Airport Reference Point | ⊕ |
| RW End Lights | ⊕ |
| VASI | ⊕ |
| RELS | ⊕ |
| Localizer | ⊕ |
| Glide Slope | ⊕ |
| ASOS | ⊕ |
| Helipad | ⊕ |

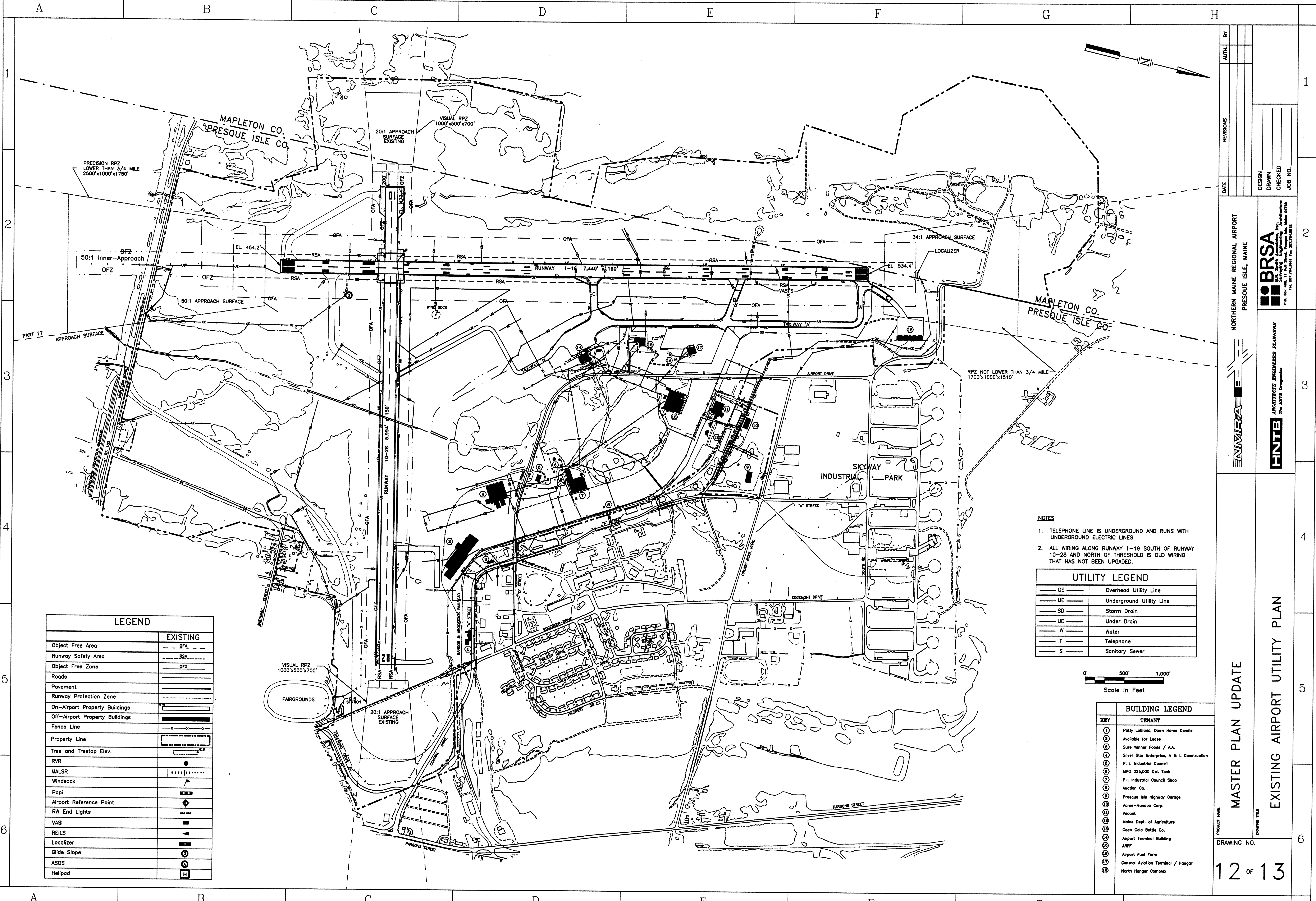
- NOTES**
1. TELEPHONE LINE IS UNDERGROUND AND RUNS WITH UNDERGROUND ELECTRIC LINES.
 2. ALL WIRING ALONG RUNWAY 1-19 SOUTH OF RUNWAY 10-28 AND NORTH OF THRESHOLD IS OLD WIRING THAT HAS NOT BEEN UPGRADED.

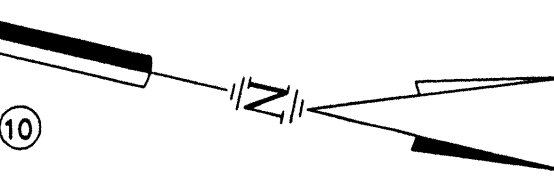
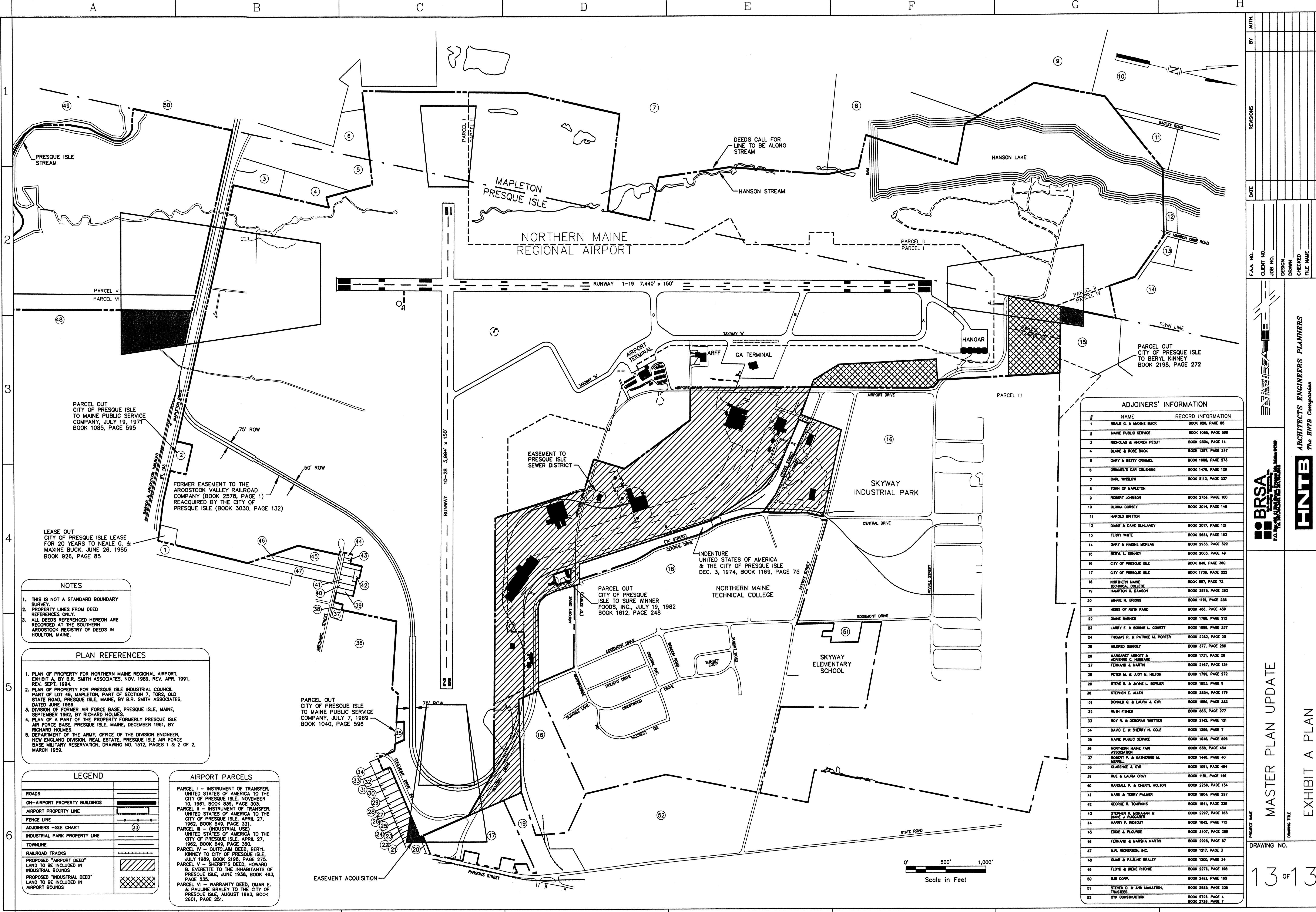
| UTILITY LEGEND | |
|----------------|--------------------------|
| — OE — | Overhead Utility Line |
| — UE — | Underground Utility Line |
| — SD — | Storm Drain |
| — UD — | Under Drain |
| — W — | Water |
| — T — | Telephone |
| — S — | Sanitary Sewer |



| BUILDING LEGEND | |
|-----------------|---|
| KEY | TENANT |
| ① | Patty LaBona, Dawn Home Candle |
| ② | Available for Lease |
| ③ | Sure Winner Foods / A.A. |
| ④ | Silver Star Enterprises, A & L Construction |
| ⑤ | P. L. Industrial Council |
| ⑥ | MPQ 225,000 Gal. Tank |
| ⑦ | P.L. Industrial Council Shop |
| ⑧ | Auction Co. |
| ⑨ | Presque Isle Highway Garage |
| ⑩ | Acme-Monaco Corp. |
| ⑪ | Vacant |
| ⑫ | Maine Dept. of Agriculture |
| ⑬ | Coca Cola Bottle Co. |
| ⑭ | Airport Terminal Building |
| ⑮ | ARFF |
| ⑯ | Airport Fuel Farm |
| ⑰ | General Aviation Terminal / Hangar |
| ⑱ | North Hangar Complex |

| | | | | | |
|---|-----------|--------|-------|---------|---------|
| DATE | REVISIONS | DESIGN | DRAWN | CHECKED | JOB NO. |
| | | | | | |
| | | | | | |
| NORTHERN MAINE REGIONAL AIRPORT PRESQUE ISLE, MAINE | | | | | |
| | | | | | |
| BRSA ARCHITECTS ENGINEERS PLANNERS 111 Main Street, Presque Isle, Maine 04969 Tel: 207-768-1111 Fax: 207-768-1112 | | | | | |
| EXISTING AIRPORT UTILITY PLAN | | | | | |
| PROJECT TITLE: MASTER PLAN UPDATE | | | | | |
| DRAWING NO. 12 OF 13 | | | | | |





ADJOINERS' INFORMATION

| # | NAME | RECORD INFORMATION |
|----|--------------------------------------|---------------------|
| 1 | NEALE G. & MARIE BUCK | BOOK 828, PAGE 85 |
| 2 | MAINE PUBLIC SERVICE | BOOK 1085, PAGE 595 |
| 3 | MONGLAS & ANDREA PESTIT | BOOK 2334, PAGE 14 |
| 4 | BLAKE & ROSE BUCK | BOOK 1327, PAGE 247 |
| 5 | GARY & BETTY GRAMEL | BOOK 1888, PAGE 273 |
| 6 | GRAMEL'S CAR CRUSHING | BOOK 1476, PAGE 128 |
| 7 | CAR WINSLOW | BOOK 2112, PAGE 237 |
| 8 | TOWN OF MAPLETON | |
| 9 | ROBERT JOHNSON | BOOK 2756, PAGE 100 |
| 10 | OLGIA DORSEY | BOOK 3014, PAGE 145 |
| 11 | HAROLD BRITTON | |
| 12 | DAKE & DAVE DARLAVEY | BOOK 2017, PAGE 121 |
| 13 | TERRY WHITE | BOOK 2851, PAGE 163 |
| 14 | GARY & MADINE MOREAU | BOOK 2833, PAGE 322 |
| 15 | BERYL L. KENNEY | BOOK 2003, PAGE 48 |
| 16 | CITY OF PRESQUE ISLE | BOOK 845, PAGE 380 |
| 17 | CITY OF PRESQUE ISLE | BOOK 1706, PAGE 223 |
| 18 | NORTHERN MAINE TECHNICAL COLLEGE | BOOK 857, PAGE 72 |
| 19 | HAMPTON O. DAWSON | BOOK 2876, PAGE 292 |
| 20 | WINNE M. BRUGGS | BOOK 1181, PAGE 238 |
| 21 | HERS OF RUTH RAND | BOOK 468, PAGE 438 |
| 22 | DAVE BARNES | BOOK 1788, PAGE 213 |
| 23 | LARRY E. & BONNE L. CONETT | BOOK 1596, PAGE 337 |
| 24 | THOMAS R. & PATRICE M. PORTER | BOOK 2382, PAGE 30 |
| 25 | MILDRED GUGOET | BOOK 377, PAGE 288 |
| 26 | MARGARET ABBOTT & ADELNE C. HUBBARD | BOOK 1731, PAGE 28 |
| 27 | FERDINAND J. MARTIN | BOOK 2447, PAGE 134 |
| 28 | PETER M. & JUDY M. HILTON | BOOK 1795, PAGE 272 |
| 29 | STEVE R. & JAYNE L. BOWLER | BOOK 1853, PAGE 8 |
| 30 | STEPHEN E. ALLEN | BOOK 2834, PAGE 179 |
| 31 | DONALD G. & LAURA J. CYR | BOOK 1859, PAGE 332 |
| 32 | RUTH FISHER | BOOK 882, PAGE 277 |
| 33 | ROY R. & DEBORAH WHETTER | BOOK 2142, PAGE 121 |
| 34 | DAVID E. & SHERRY N. COLE | BOOK 1289, PAGE 7 |
| 35 | MAINE PUBLIC SERVICE | BOOK 1048, PAGE 598 |
| 36 | NORTHERN MAINE FAIR ASSOCIATION | BOOK 888, PAGE 454 |
| 37 | ROBERT R. & KATHERINE M. KERRILL | BOOK 1448, PAGE 40 |
| 38 | CLARENCE J. CYR | BOOK 1091, PAGE 484 |
| 39 | RUE & LAURA GRAY | BOOK 1151, PAGE 148 |
| 40 | RANDALL P. & CHERYL HOLTON | BOOK 2258, PAGE 134 |
| 41 | MARK & TERRY PALMER | BOOK 1804, PAGE 287 |
| 42 | GEORGE R. TOMPKINS | BOOK 1641, PAGE 335 |
| 43 | STEPHEN R. MORGAN & DAVID J. RUSSELL | BOOK 2287, PAGE 165 |
| 44 | HARRY F. RIGOUT | BOOK 1042, PAGE 712 |
| 45 | EDDE J. FLOURIDE | BOOK 3407, PAGE 289 |
| 46 | FERDINAND & MARSHA MARTIN | BOOK 2916, PAGE 87 |
| 47 | M.R. NICKERSON, INC. | BOOK 1217, PAGE 3 |
| 48 | OMAR & PAULINE BRADLEY | BOOK 1200, PAGE 34 |
| 49 | FLOYD & IRVINE RITCHIE | BOOK 2279, PAGE 185 |
| 50 | SUB CORP. | BOOK 2421, PAGE 190 |
| 51 | STEVEN G. & ANN MCGATTEN, TRUSTEES | BOOK 2885, PAGE 205 |
| 52 | CYR CONSTRUCTION | BOOK 2726, PAGE 4 |

- NOTES**
- THIS IS NOT A STANDARD BOUNDARY SURVEY.
 - PROPERTY LINES FROM DEED REFERENCES ONLY.
 - ALL DEEDS REFERENCED HEREON ARE RECORDED AT THE SOUTHERN AROOSTOOK REGISTRY OF DEEDS IN HOULTON, MAINE.

- PLAN REFERENCES**
- PLAN OF PROPERTY FOR NORTHERN MAINE REGIONAL AIRPORT, EXHIBIT A, BY B.R. SMITH ASSOCIATES, NOV. 1989, REV. APR. 1991, REV. SEPT. 1994.
 - PLAN OF PROPERTY FOR PRESQUE ISLE INDUSTRIAL COUNCIL, PART OF LOT 46, MAPLETON, PART OF SECTION 7, TOWN 2, OLD STATE ROAD, PRESQUE ISLE, MAINE, BY B.R. SMITH ASSOCIATES, DATED JUNE 1989.
 - DIVISION OF FORMER AIR FORCE BASE, PRESQUE ISLE, MAINE, SEPTEMBER 1982, BY RICHARD HOLMES.
 - PLAN OF A PART OF THE PROPERTY FORMERLY PRESQUE ISLE AIR FORCE BASE, PRESQUE ISLE, MAINE, DECEMBER 1991, BY RICHARD HOLMES.
 - DEPARTMENT OF THE ARMY, OFFICE OF THE DIVISION ENGINEER, NEW ENGLAND DIVISION, REAL ESTATE, PRESQUE ISLE AIR FORCE BASE MILITARY RESERVATION, DRAWING NO. 1512, PAGES 1 & 2 OF 2, MARCH 1959.

LEGEND

| | |
|--|----------|
| ROADS | [Symbol] |
| ON-AIRPORT PROPERTY BUILDINGS | [Symbol] |
| AIRPORT PROPERTY LINE | [Symbol] |
| FENCE LINE | [Symbol] |
| ADJOINERS - SEE CHART | [Symbol] |
| INDUSTRIAL PARK PROPERTY LINE | [Symbol] |
| TOWNLINE | [Symbol] |
| RAILROAD TRACKS | [Symbol] |
| PROPOSED "AIRPORT DEED" LAND TO BE INCLUDED IN INDUSTRIAL BOUNDS | [Symbol] |
| PROPOSED "INDUSTRIAL DEED" LAND TO BE INCLUDED IN AIRPORT BOUNDS | [Symbol] |

AIRPORT PARCELS

PARCEL I - INSTRUMENT OF TRANSFER, UNITED STATES OF AMERICA TO THE CITY OF PRESQUE ISLE, NOVEMBER 10, 1981, BOOK 839, PAGE 303.

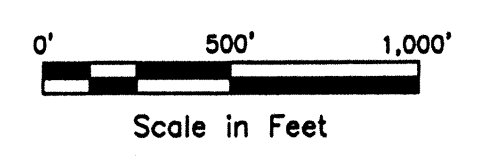
PARCEL II - INSTRUMENT OF TRANSFER, UNITED STATES OF AMERICA TO THE CITY OF PRESQUE ISLE, APRIL 27, 1982, BOOK 849, PAGE 331.

PARCEL III - (INDUSTRIAL USE) UNITED STATES OF AMERICA TO THE CITY OF PRESQUE ISLE, APRIL 27, 1982, BOOK 849, PAGE 360.

PARCEL IV - QUITCLAIM DEED, BERYL KINNEY TO CITY OF PRESQUE ISLE, JULY 1989, BOOK 2198, PAGE 275.

PARCEL V - SHERIFF'S DEED, HOWARD B. EVERETTE TO THE INHABITANTS OF PRESQUE ISLE, JUNE 1938, BOOK 463, PAGE 535.

PARCEL VI - WARRANTY DEED, OMAR E. & PAULINE BRALEY TO THE CITY OF PRESQUE ISLE, AUGUST 1993, BOOK 2801, PAGE 251.



BY: _____

DATE: _____

F.A.A. NO. _____

CLIENT NO. _____

JOB NO. _____

DESIGN _____

CHECKED _____

FILE NAME _____

REVISIONS

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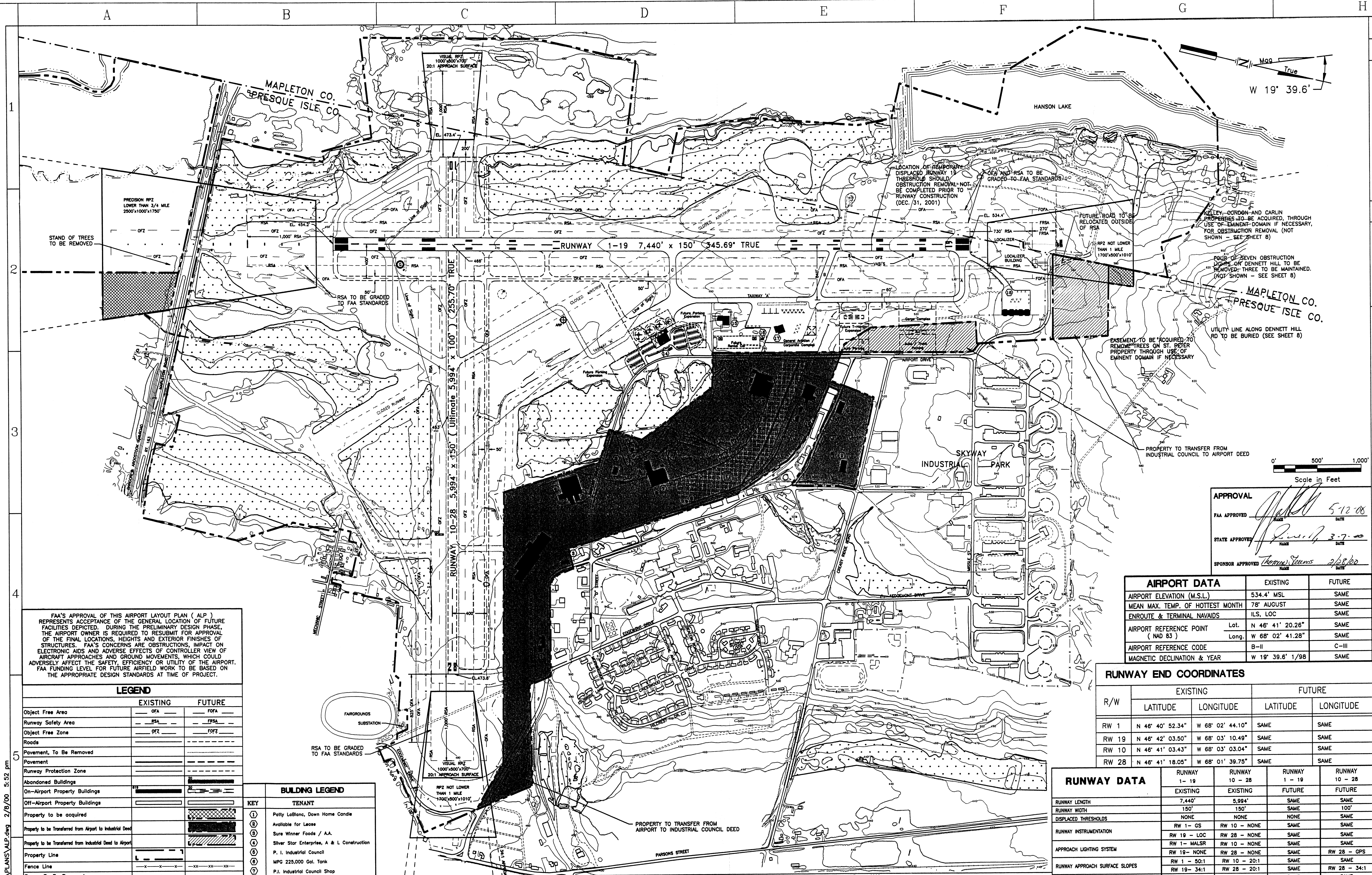
6

PROJECT NAME: MASTER PLAN UPDATE

DRAWING TITLE: EXHIBIT A PLAN

DRAWING NO. 13 OF 13

BRSA ENGINEERS ARCHITECTS ENGINEERS PLANNERS The ENR's Companies



PRECISION RPT LOWER THAN 3/4 MILE 2500' x 1000' x 1700'

STAND OF TREES TO BE REMOVED

MAPLETON CO. PRESQUE ISLE CO.

RUNWAY 1-19 7,440' x 150' 345.69' TRUE

RUNWAY 10-28 5,994' x 100' 255.70' TRUE

LOCATION OF TEMPORARILY DISPLACED RUNWAY 19 THRESHOLD SHOULD BE COMPLETED PRIOR TO RUNWAY CONSTRUCTION (DEC. 31, 2001)

ISA AND RSA TO BE GRADED TO FAA STANDARDS

FUTURE ROAD TO BE RELOCATED OUTSIDE OF RSA

ALLEY ORDON AND CARLIN PROPERTIES TO BE ACQUIRED, THROUGH USE OF EMINENT-DOMAIN IF NECESSARY, FOR OBSTRUCTION REMOVAL (NOT SHOWN - SEE SHEET B)

FOUR OF SEVEN OBSTRUCTION LIGHTS ON DENNETT HILL TO BE REMOVED; THREE TO BE MAINTAINED. (NOT SHOWN - SEE SHEET B)

MAPLETON CO. PRESQUE ISLE CO.

EASEMENT TO BE ACQUIRED TO REMOVE TREES ON ST. PETER PROPERTY THROUGH USE OF EMINENT-DOMAIN IF NECESSARY

UTILITY LINE ALONG DENNETT HILL RD TO BE BURIED (SEE SHEET B)

PROPERTY TO TRANSFER FROM INDUSTRIAL COUNCIL TO AIRPORT DEED

Scale in Feet
0' 500' 1,000'

APPROVAL
 FAA APPROVED [Signature] 5/12/08
 STATE APPROVED [Signature] 3/7/08
 SPONSOR APPROVED [Signature] 2/28/08

| AIRPORT DATA | | EXISTING | FUTURE |
|----------------------------------|--|------------------------|--------|
| AIRPORT ELEVATION (M.S.L.) | | 534.4' MSL | SAME |
| MEAN MAX. TEMP. OF HOTTEST MONTH | | 78' AUGUST | SAME |
| ENROUTE & TERMINAL NAVAIDS | | ILS, LOC | SAME |
| AIRPORT REFERENCE POINT (NAD 83) | | Lat. N 48° 41' 20.26" | SAME |
| | | Long. W 68° 02' 41.28" | SAME |
| AIRPORT REFERENCE CODE | | B-II | C-III |
| MAGNETIC DECLINATION & YEAR | | W 19° 39.6' 1/98 | SAME |

| R/W | EXISTING | | FUTURE | |
|-------|------------------|------------------|----------|-----------|
| | LATITUDE | LONGITUDE | LATITUDE | LONGITUDE |
| RW 1 | N 48° 40' 52.34" | W 68° 02' 44.10" | SAME | SAME |
| RW 19 | N 48° 42' 03.50" | W 68° 03' 10.49" | SAME | SAME |
| RW 10 | N 48° 41' 03.43" | W 68° 03' 03.04" | SAME | SAME |
| RW 28 | N 48° 41' 18.05" | W 68° 01' 39.75" | SAME | SAME |

| | EXISTING | | FUTURE | |
|-------------------------------------|--|--|----------------------|-----------------------------|
| | EXISTING | EXISTING | FUTURE | FUTURE |
| RUNWAY LENGTH | 7,440' | 5,994' | SAME | SAME |
| RUNWAY WIDTH | 150' | 150' | SAME | 100' |
| DISPLACED THRESHOLDS | NONE | NONE | NONE | SAME |
| RUNWAY INSTRUMENTATION | RW 1 - GS RW 19 - LOC RW 1 - MALSR RW 19 - NONE | RW 10 - NONE RW 10 - NONE RW 10 - NONE | SAME SAME SAME | SAME SAME SAME |
| APPROACH LIGHTING SYSTEM | RW 19 - NONE RW 1 - 50:1 RW 19 - 34:1 | RW 28 - NONE RW 28 - NONE RW 28 - 20:1 | SAME SAME SAME | RW 28 - GPS RW 28 - 34:1 |
| RUNWAY APPROACH SURFACE SLOPES | MIRL | MIRL | SAME | SAME |
| RUNWAY LIGHTING / TAXIWAY LIGHTING | PRECISION | BASIC | SAME | NON-PRECISION |
| RUNWAY MARKING | ASPHALT | ASPHALT | SAME | SAME |
| PAVEMENT MATERIAL | SW - 150 DW - 200 | SW - 150 DW - 250 | SAME SAME | SAME SAME |
| PAVEMENT STRENGTH (x 1000 lb) | RW 1 - 1/2 MILE RW 19 - 1 MILE | RW 10 - VISUAL RW 28 - VISUAL | SAME SAME | RW 28 - 1 MILE |
| APPROACH VISIBILITY MINIMUMS | 1.1% | 0.4% | SAME | SAME |
| RUNWAY GRADIENT % | 9.440' x 500' | 7.994' x 500' | SAME | SAME |
| RUNWAY SAFETY AREA (L x W) Standard | 9,170' x 500' | 7,994' x 500' | 9,440' x 500' | SAME |
| RUNWAY SAFETY AREA (L x W) Actual | 9,440' x 800' | 7,994' x 800' | SAME | SAME |
| OBJECT FREE AREA (L x W) Standard | 9,170' x 800' | 7,820' x 700' | 9,345' x 800' | 7,820' x 800' |
| OBJECT FREE AREA (L x W) Actual | RW 1 - 454.2' RW 19 - 534.4' | RW 10 - 473.4' RW 28 - 473.8' | SAME SAME | SAME |
| TOUCHDOWN ZONE ELEVATION | | | SAME | SAME |

| Standard | Non-Conforming Condition | Modification to FAA Design Standard Date of Approval |
|--|---|--|
| Existing Runway aiming point markings | No aiming point markings on Runway 10 | Nov. 30, 1995 |
| Catch basins and manholes should be 250' from runway centerline | Surface and subsurface drainage systems within 5' of the edge of full strength pavement; catch basins within 78' of runway centerline | Jan. 21, 1978 |
| Longitudinal grade in first and last quarter of an air carrier runway should be less than 0.5% | First quarter of Runway 19 has grade of 1.85% | Jan. 27, 1978 |
| Obstruction-free area 10'; 3.0' visual glide path | Easterly side of Runway 19 approach obstruction-free area reduced to 6'; VASI glide path raised to 3.5' | Mar. 31, 1976 |

FAA'S APPROVAL OF THIS AIRPORT LAYOUT PLAN (ALP) REPRESENTS ACCEPTANCE OF THE GENERAL LOCATION OF FUTURE FACILITIES DEPICTED. DURING THE PRELIMINARY DESIGN PHASE, THE AIRPORT OWNER IS REQUIRED TO RESUBMIT FOR APPROVAL OF THE FINAL LOCATIONS, HEIGHTS AND EXTERIOR FINISHES OF STRUCTURES. FAA'S CONCERNS ARE OBSTRUCTIONS, IMPACT ON ELECTRONIC AIDS AND ADVERSE EFFECTS OF CONTROLLER VIEW OF AIRCRAFT APPROACHES AND GROUND MOVEMENTS, WHICH COULD ADVERSELY AFFECT THE SAFETY, EFFICIENCY OR UTILITY OF THE AIRPORT. FAA FUNDING LEVEL FOR FUTURE AIRFIELD WORK TO BE BASED ON THE APPROPRIATE DESIGN STANDARDS AT TIME OF PROJECT.

| | EXISTING | FUTURE |
|--|------------------|--------|
| | Object Free Area | OFA |
| Runway Safety Area | RSA | FRSA |
| Object Free Zone | OFZ | FOFZ |
| Roads | | |
| Pavement, To Be Removed | | |
| Pavement | | |
| Runway Protection Zone | | |
| Abandoned Buildings | | |
| On-Airport Property Buildings | | |
| Off-Airport Property Buildings | | |
| Property to be acquired | | |
| Property to be Transferred from Airport to Industrial Deed | | |
| Property to be Transferred from Industrial Deed to Airport | | |
| Property Line | | |
| Fence Line | | |
| Fence, To Be Removed | | |
| Tree and Tree-top Elev. | | |
| RVR | | |
| Windsock | | |
| Popl | | |
| Airport Reference Point | | |
| RW End Lights | | |
| VASI | | |
| RELS | | |
| Localizer | | |
| Glide Slope | | |
| AWOS | | |
| Helipad | | |

| BUILDING LEGEND | |
|-----------------|---|
| KEY | TENANT |
| (1) | Patty LaBanc, Down Home Candie |
| (2) | Available for Lease |
| (3) | Sure Winner Foods / A.A. |
| (4) | Silver Star Enterprises, A & L Construction |
| (5) | P. L. Industrial Council |
| (6) | MPG 225,000 Gal. Tank |
| (7) | P.J. Industrial Council Shop |
| (8) | Auction Co. |
| (9) | Presque Isle Highway Garage |
| (10) | Acme-Monaco Corp. |
| (11) | Vacant |
| (12) | Moine Dept. of Agriculture |
| (13) | Coca Cola Bottle Co. |
| (14) | Airport Terminal Building |
| (15) | ARFF |
| (16) | Airport Fuel Farm |
| (17) | General Aviation Terminal / Hangar |
| (18) | North Hangar Complex |

REVISIONS
 AUTH. BY
 DATE

F.A.A. NO. 3-23-0039-14-57
 CLIENT NO. 26811
 JOB NO. 26811
 DESIGN ERW
 DRAWN JLN
 CHECKED JLN
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NORTHERN MAINE REGIONAL AIRPORT
 PRESQUE ISLE, MAINE

ARCHITECTS ENGINEERS PLANNERS
HNTB
 The HNTB Companies

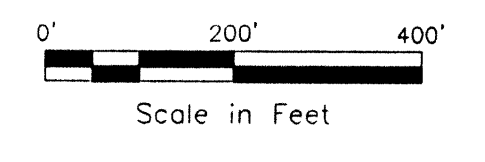
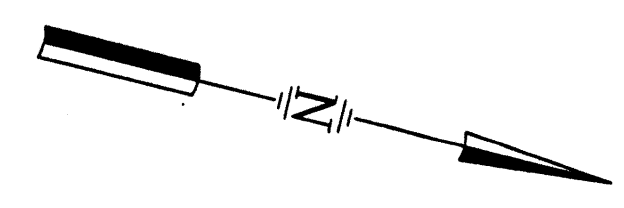
MASTER PLAN UPDATE
 AIRPORT LAYOUT PLAN

DRAWING NO. 2 OF 13

A B C D E F G H



1-19 7,440' x 150' 345.69° TRUE



| BUILDING LEGEND | |
|-----------------|--|
| KEY | TENANT |
| 1 | Patty LaBlanc, Down Home Candle |
| 2 | Available for Lease |
| 3 | Sure Winner Foods / A.A. |
| 4 | Silver Star Enterprise, A & L Construction |
| 5 | P. I. Industrial Council |
| 6 | MPG 225,000 Gal. Tank |
| 7 | P.I. Industrial Council Shop |
| 8 | Auction Co. |
| 9 | Presque Isle Highway Garage |
| 10 | Acme-Monaco Corp. |
| 11 | Vacant |
| 12 | Maine Dept. of Agriculture |
| 13 | Coca Cola Bottle Co. |
| 14 | Airport Terminal Building |
| 15 | ARFF |
| 16 | Airport Fuel Farm |
| 17 | General Aviation Terminal / Hangar |
| 18 | North Hangar Complex |

| | LEGEND | |
|--|----------|--------|
| | EXISTING | FUTURE |
| Object Free Area | OFA | FOFA |
| Runway Safety Area | RSA | FRSA |
| Object Free Zone | OFZ | FOFZ |
| Roads | | |
| Pavement, To Be Removed | | |
| Pavement | | |
| Runway Protection Zone | | |
| Abandoned Buildings | | |
| On-Airport Property Buildings | | |
| Off-Airport Property Buildings | | |
| Property to be acquired | | |
| Property to be transferred from Airport to Industrial Deed | | |
| Property to be transferred from Industrial Deed to Airport | | |
| Property Line | | |
| Fence Line | | |
| Fence, To Be Removed | | |
| Tree and Treetop Elev. | | |
| RVR | | |
| Windsock | | |
| Popi | | |
| Airport Reference Point | | |
| RW End Lights | | |
| VASI | | |
| REILS | | |
| Localizer | | |
| Guide Slope | | |
| AWOS | | |
| Helipad | | |

NORTHERN MAINE REGIONAL AIRPORT
PRESQUE ISLE, MAINE

ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

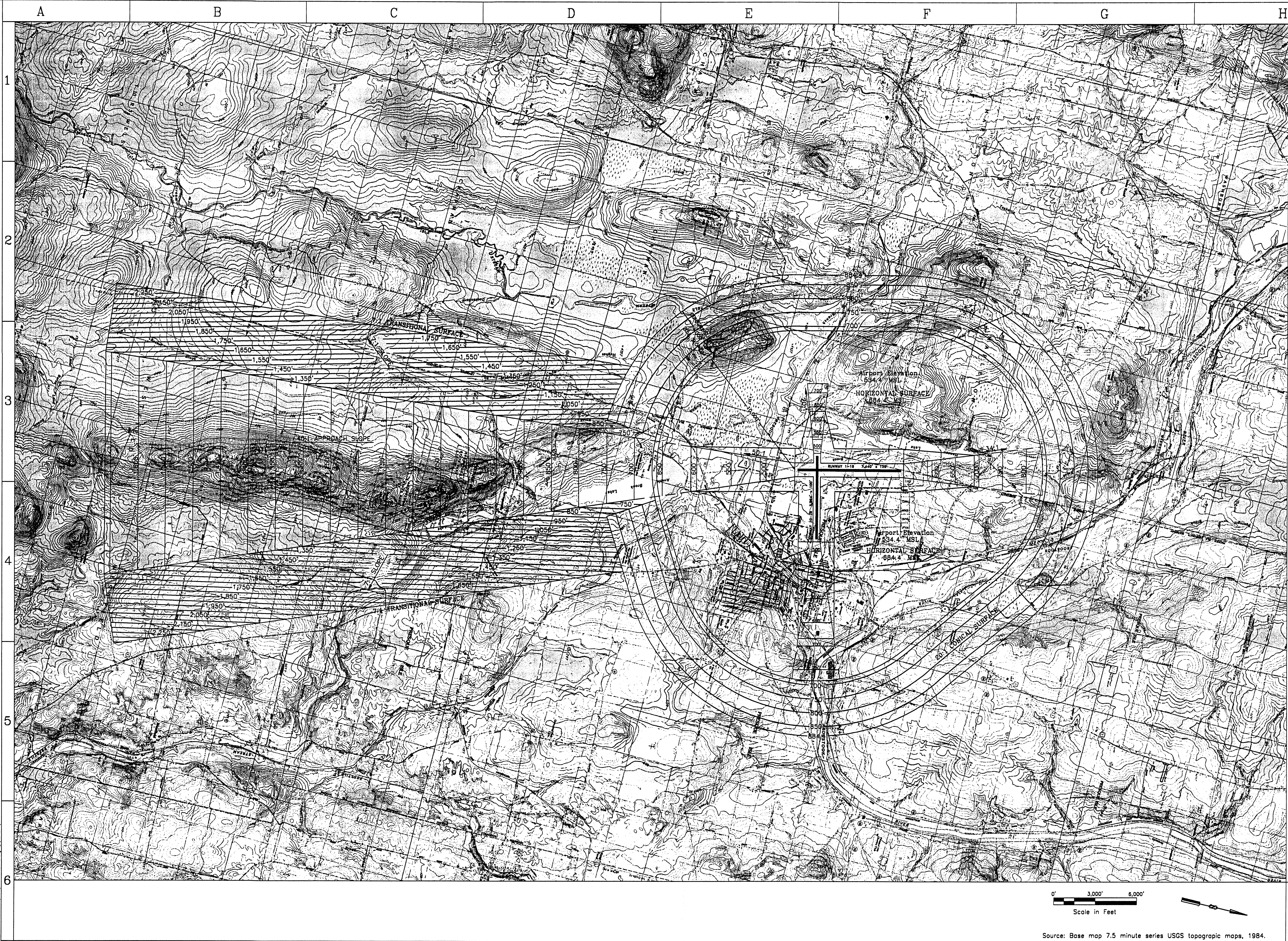
HNTB

MASTER PLAN UPDATE
TERMINAL AREA PLAN

DRAWING NO. 3 OF 13

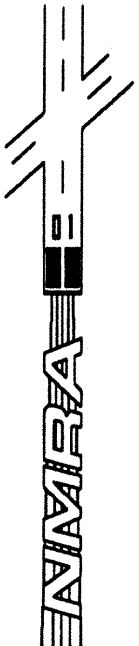

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| FAA NO. | BY | DATE |
| CLIENT NO. | REVISIONS | |
| JOB NO. | | |
| DESIGN | | |
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| SCALE | | |

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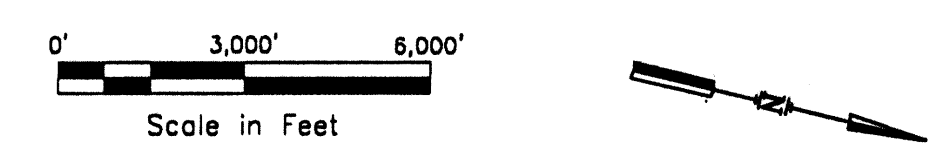


| REVISIONS | DATE | BY |
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 CLIENT NO. _____
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 CHECKED _____
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 SCALE _____

NORTHERN MAINE REGIONAL AIRPORT
 PRESQUE ISLE, MAINE

ENVIRO-TECH
 ARCHITECTS ENGINEERS PLANNERS
 The HNTB Companies


PROJECT NAME: MASTER PLAN UPDATE
 DRAWING TITLE: PART 77 - FULL AIRSPACE DRAWING
 DRAWING NO.: 4 OF 13



Source: Base map 7.5 minute series USGS topographic maps, 1984.

DRAWING NO.
 4 OF 13

A

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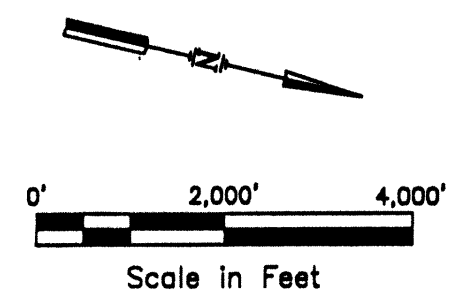
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Source: Base map 7.5 minute series USGS topographic maps, 1984.

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|-----------|------------|------|-----------|----|
| FAA NO. | CLIENT NO. | DATE | REVISIONS | BY |
| JOB NO. | DESIGN | | | |
| DRAWN | CHECKED | | | |
| FILE NAME | SCALE | | | |

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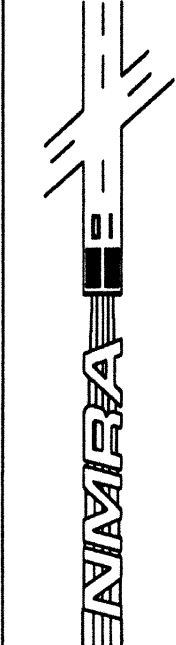
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NORTHERN MAINE REGIONAL AIRPORT
PRESQUE ISLE, MAINE



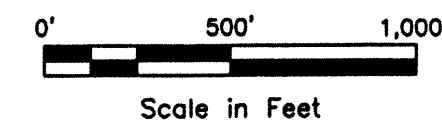
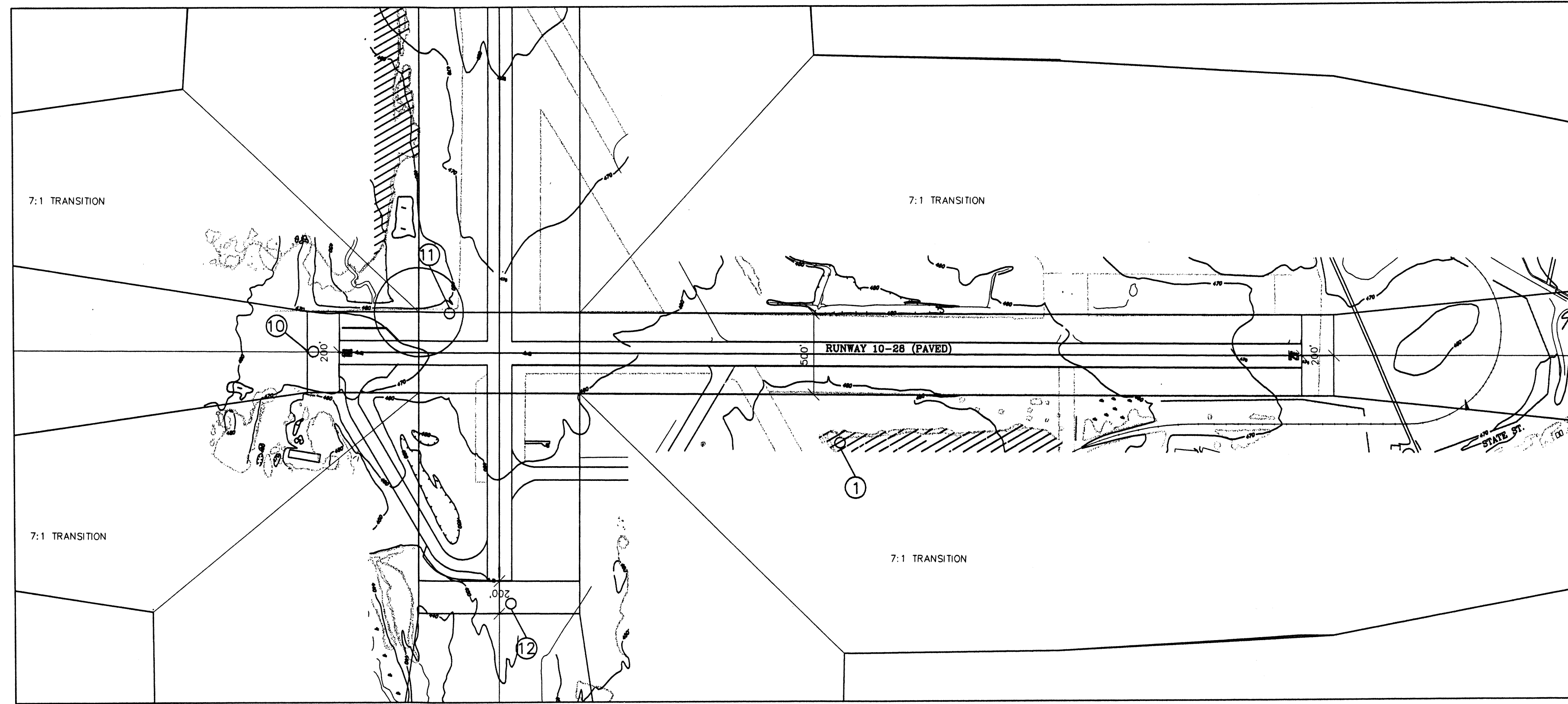
ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies



MASTER PLAN UPDATE
PART 77-CONICAL AIRSPACE DRAWING

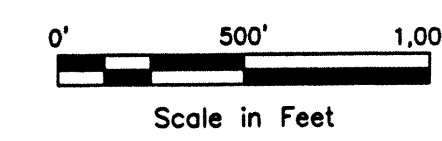
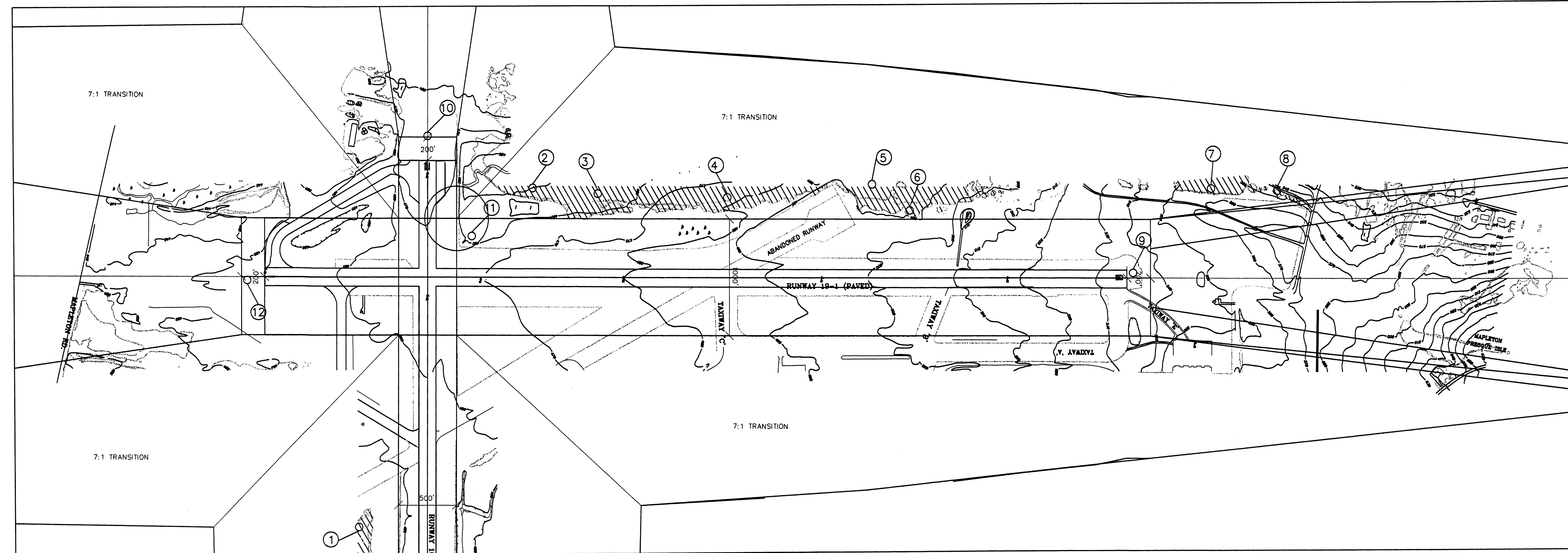
DRAWING NO. 5 OF 13

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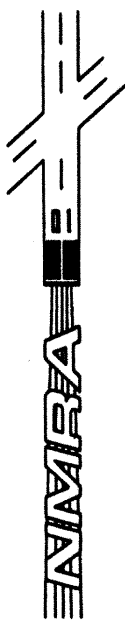


| PRIMARY / TRANSITIONAL SURFACE OBSTRUCTIONS | | | |
|---|-------------|-----------------------------------|---------------------|
| 7:1 SLOPE | | | |
| # | DESCRIPTION | APPROXIMATE AMOUNT OF PENETRATION | PROPOSED MITIGATION |
| 1 | TREE | 12'+/- | CUT |
| 2 | TREE | 5'+/- | CUT |
| 3 | TREE | 8'+/- | CUT |
| 4 | TREE | 15'+/- | CUT |
| 5 | TREE | 5'+/- | CUT |
| 6 | TREE | 15'+/- | CUT |
| 7 | TREE | 40'+/- | CUT |
| 8 | TREE | 3'+/- | CUT |
| 9 | TERRAIN | 1-14' | GRADE |
| 10 | TERRAIN | 1-2' | GRADE |
| 11 | TERRAIN | 1-3' | GRADE |
| 12 | TERRAIN | 1-2' | GRADE |

NOTES:
 1. SEE SHEETS 7 - 10 FOR DETAIL OF APPROACH SURFACES.
 2. SEE SHEETS 7 - 10 FOR ADDITIONAL NOTES.



NORTHERN MAINE REGIONAL AIRPORT
 PRESQUE ISLE, MAINE



BRSA
 BRSA Inc.
 1000 Main Street
 Presque Isle, ME 04969
 Tel: 207.754.4441 Fax: 207.754.4441

ARCHITECTS ENGINEERS PLANNERS
 THE INTB COMPANY

PROJECT NAME
MASTER PLAN UPDATE

DRAWING TITLE
PRIMARY / TRANSITIONAL SURFACES

DRAWING NO.

6 OF **13**

| DATE | REVISIONS | AUTH. | BY |
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DESIGN **3**
 DRAWN **4**
 CHECKED **5**
 JOB NO. **6**

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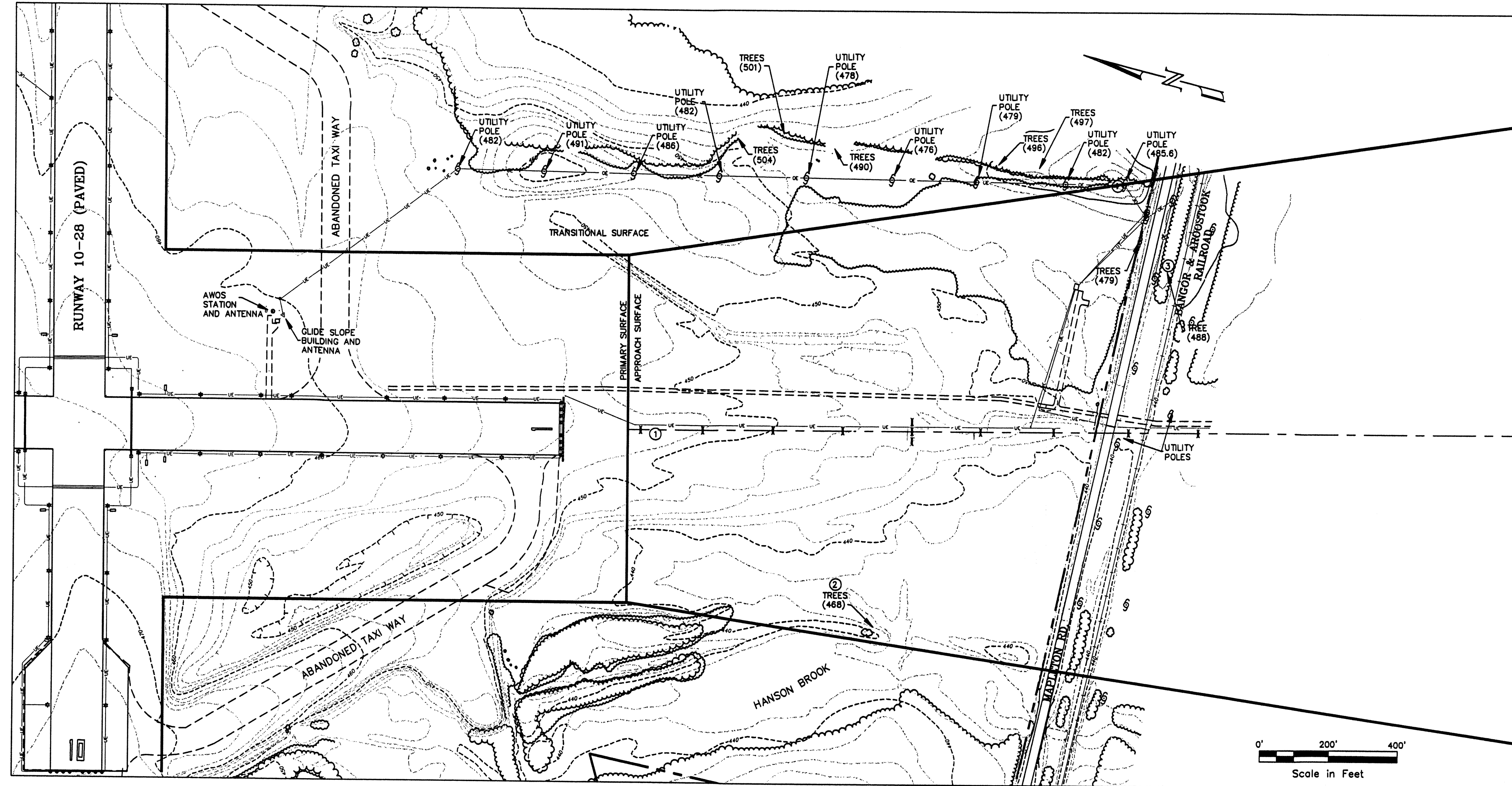
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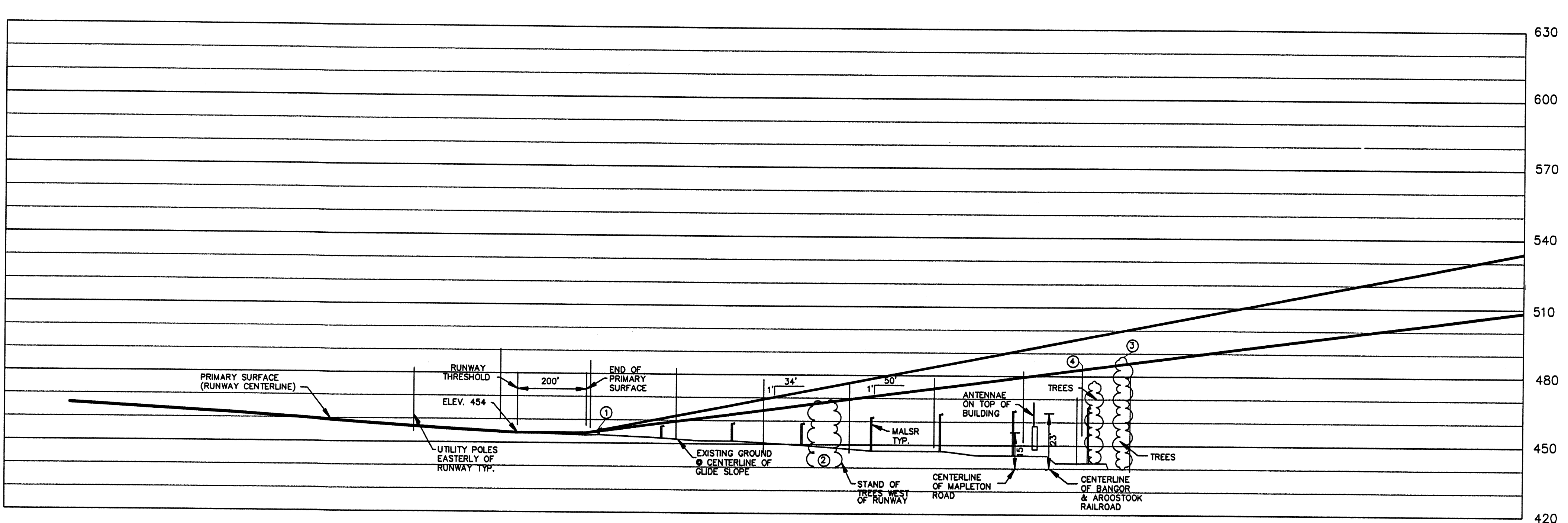
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RUNWAY 1 APPROACH SURFACE OBSTRUCTION
50:1 SLOPE

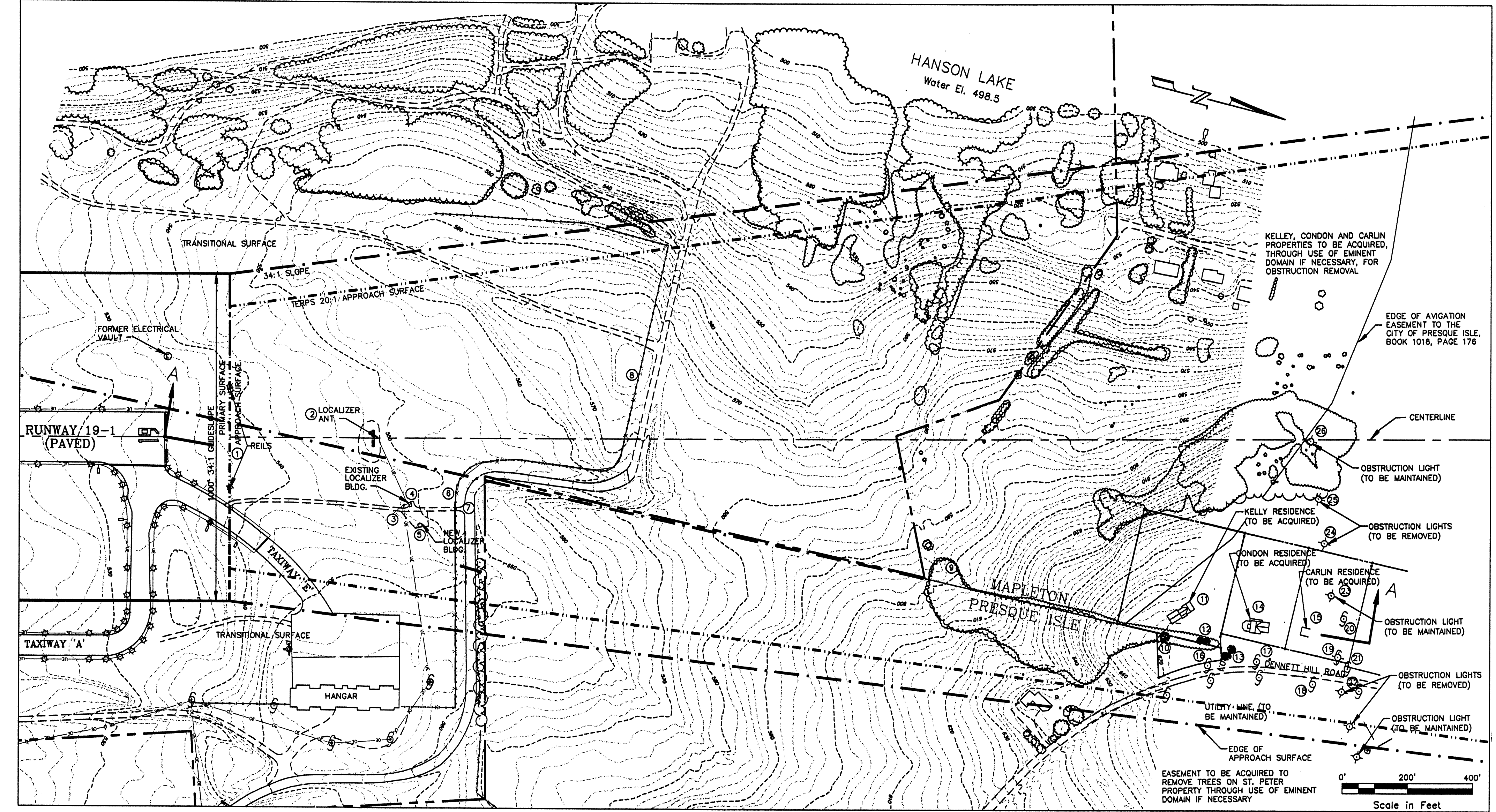
| # | DESCRIPTION | APPROXIMATE AMOUNT OF PENETRATION | PROPOSED MITIGATION |
|---|--------------|-----------------------------------|---------------------|
| 1 | MALSR | 1' | NONE |
| 2 | TREES | 2' | TOP OR REMOVE |
| 3 | TREES | 2' | TOP OR REMOVE |
| 4 | UTILITY POLE | 4' | LIGHT OR REMOVE |



NOTES:

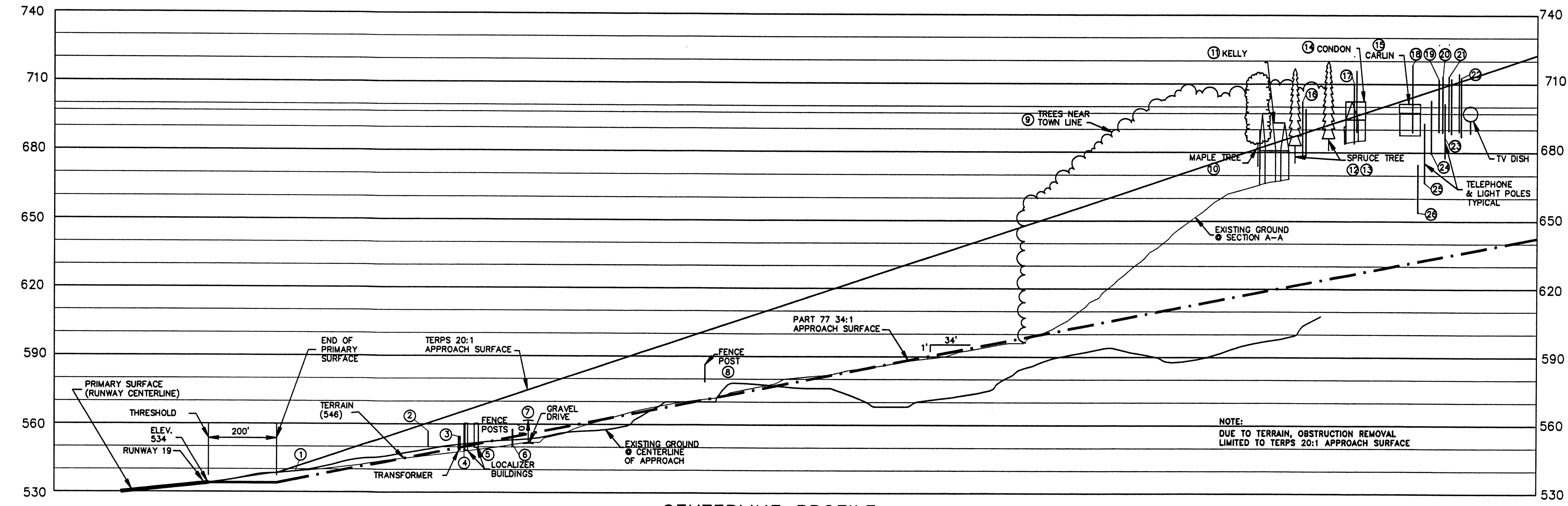
1. THE BASE MAPPING FOR THIS PROJECT IS A COMPILATION OF INFORMATION FROM A VARIETY OF SOURCES. THE MAJORITY OF THE MAPPING IS BASED ON WORK COMPLETED BY AERIAL SURVEY AND PHOTO, INC. FOR THE 1993 MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION SITE LICENSE APPLICATION FOR THE NORTHERN MAINE REGIONAL AIRPORT. THIS INFORMATION HAS BEEN SUPPLEMENTED BY ADDITIONAL GROUND SURVEYS ON CRITICAL AREAS OF THE SITE.
2. VEGETATIVE PROJECTIONS OF PART 77 SURFACES SHOWN HEREON ARE PARTIALLY BASED ON TREETOP HEIGHT AS DIGITIZED FROM 1993 AERIAL PHOTOGRAPHY. A PROFESSIONAL FORESTER WAS RETAINED TO PROVIDE AN OPINION OF GROWTHS OF THE VARIOUS AREAS OF VEGETATION SINCE THE PHOTOGRAPHY. THE DIGITIZED HEIGHTS WERE VERTICALLY ADJUSTED TO REFLECT THE GROWTH. GIVEN THE ASSUMPTIONS MADE DURING THIS PROCESS.
3. SEE THE OBSTRUCTION MITIGATION REPORT FOR ADDITIONAL INFORMATION.

| | | | |
|--|-----------|---|----|
| DATE | REVISIONS | AUTH. | BY |
| | | | |
| PROJECT NAME MASTER PLAN UPDATE | | DRAWING TITLE RUNWAY 1 END APPROACH | |
| PROJECT NO. 1 | | DRAWING NO. 7 of 13 | |
| CLIENT NORTHERN MAINE REGIONAL AIRPORT PRESQUE ISLE, MAINE | | DESIGNER BRSA BRSA Surveying & Engineering, Inc. 100 Main Street Bangor, ME 04401 Tel. 207.748.2881 Fax 207.748.2811 | |
| CONTRACT NO. 2007-04-001 | | CHECKED HNTB ARCHITECTS ENGINEERS PLANNERS The BTR Company 100 Main Street Bangor, ME 04401 Tel. 207.748.2881 Fax 207.748.2811 | |
| JOB NO. 1 | | JOB NO. 1 | |



RUNWAY 19 APPROACH SURFACE OBSTRUCTIONS

| # | DESCRIPTION | APPROXIMATE AMOUNT OF PENETRATION | PROPOSED MITIGATION |
|----|-----------------------------|-----------------------------------|---|
| 1 | TERRAIN | 4'-55' | GRADE TO FAA DESIGN STANDARDS WITHIN SAFETY AREA; OBSTRUCTIONS BEYOND SAFETY AREA, CLEARED TO TERPS 20:1 APPROACH SURFACE |
| 2 | LOCALIZER ANTENNAE | 10' | CURRENTLY LIGHTED |
| 3 | TRANSFORMER | 5' | REMOVE |
| 4 | EXISTING LOCALIZER BUILDING | 10' | TO BE DEMOLISHED |
| 5 | NEW LOCALIZER BUILDING | 9' | LIGHT |
| 6 | FENCE POSTS | 4' | TO BE RELOCATED |
| 7 | GRAVEL ROAD | 6' | TO BE RELOCATED |
| 8 | FENCE POSTS | 15' | TO BE RELOCATED |
| 9 | TREES | 63'-98' | TO BE REMOVED |
| 10 | MAPLE TREE | 96' | TO BE REMOVED |
| 11 | MOREAU RESIDENCE | 81' | PURCHASE PROPERTY, REMOVE OBSTRUCTIONS |
| 12 | SPRUCE TREE | 93' | TO BE REMOVED |
| 13 | SPRUCE TREE | 96' | TO BE REMOVED |
| 14 | CONDON RESIDENCE | 76' | PURCHASE PROPERTY, REMOVE OBSTRUCTIONS |
| 15 | CARLIN RESIDENCE | 70' | PURCHASE PROPERTY, REMOVE OBSTRUCTIONS |
| 16 | UTILITY POLE | 80' | UTILITY LINES TO BE REMOVED; POLES REMOVED |
| 17 | UTILITY POLE | 83' | UTILITY LINES TO BE REMOVED; POLES REMOVED |
| 18 | UTILITY POLE | 86' | UTILITY LINES TO BE REMOVED; POLES REMOVED |
| 19 | UTILITY POLE | 78' | UTILITY LINES TO BE REMOVED; POLES REMOVED |
| 20 | UTILITY POLE | 80' | UTILITY LINES TO BE REMOVED; POLES REMOVED |
| 21 | UTILITY POLE | 79' | UTILITY LINES TO BE REMOVED; POLES REMOVED |
| 22 | UTILITY POLE | 77' | UTILITY LINES TO BE REMOVED; POLES REMOVED |
| 23 | OBSTRUCTION LIGHT ON POLE | 67' | TO BE MAINTAINED |
| 24 | OBSTRUCTION LIGHT ON POLE | 70' | TO BE REMOVED |
| 25 | OBSTRUCTION LIGHT ON POLE | 60' | TO BE REMOVED |
| 26 | OBSTRUCTION LIGHT ON POLE | 43' | TO BE MAINTAINED |



CENTERLINE PROFILE
SCALE: HORIZ 1" = 200'
VERT 1" = 30'

NOTES:

1. THE BASE MAPPING FOR THIS PROJECT IS A COMPILATION OF INFORMATION FROM A VARIETY OF SOURCES. THE MAJORITY OF THE MAPPING IS BASED ON WORK COMPLETED BY AERIAL SURVEY AND PHOTO, INC. FOR THE 1993 MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION SITE LICENSE APPLICATION FOR THE NORTHERN MAINE REGIONAL AIRPORT. THIS INFORMATION HAS BEEN SUPPLEMENTED BY ADDITIONAL GROUND SURVEYS ON CRITICAL AREAS OF THE SITE.
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3. SEE THE OBSTRUCTION MITIGATION REPORT FOR ADDITIONAL INFORMATION.

AUTH. BY: _____
 DATE: _____
 DESIGN DRAWN: _____
 CHECKED: _____
 JOB NO.: _____

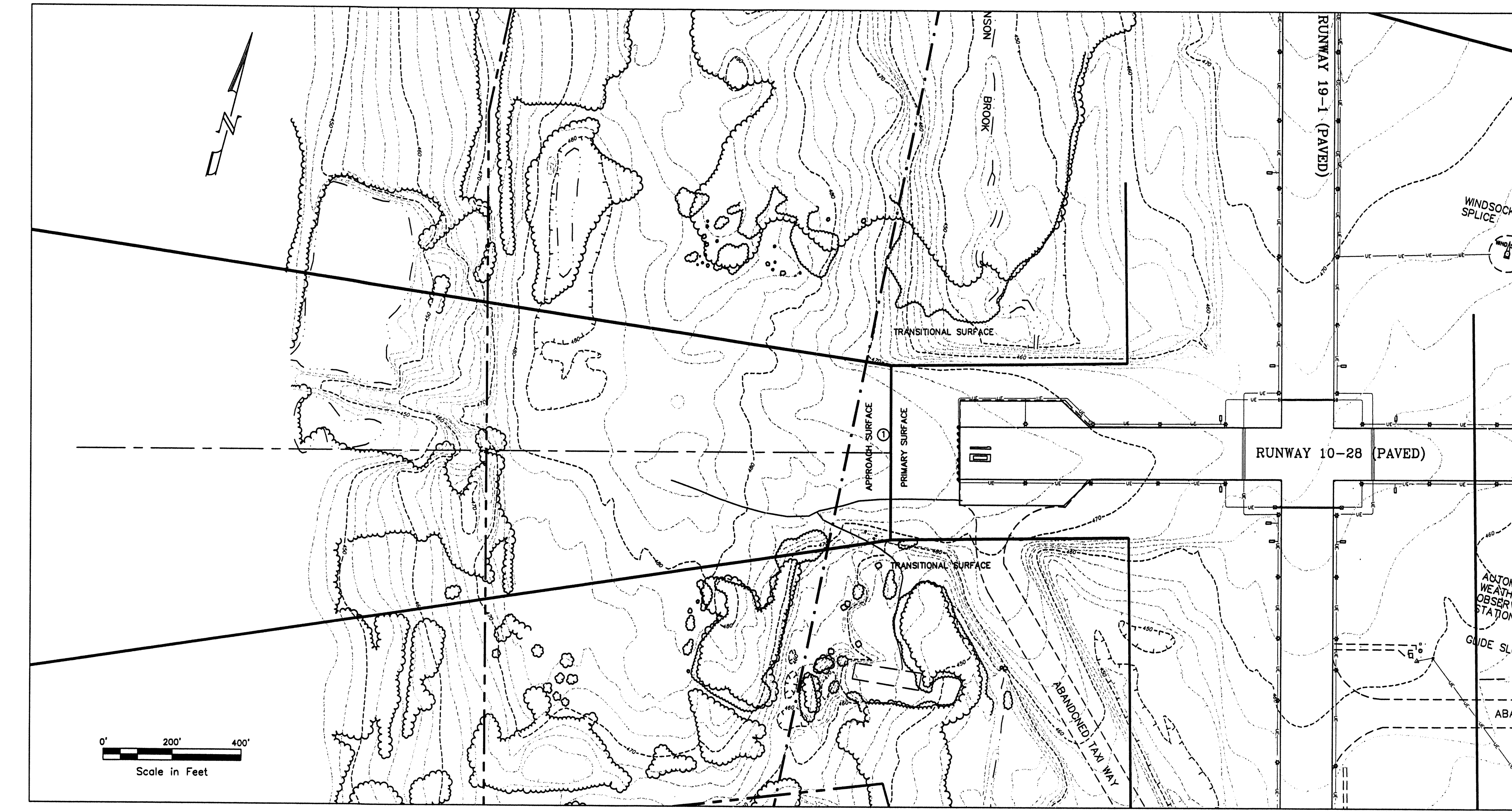
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 DRAWING TITLE: **RUNWAY 19 END APPROACH**
 DRAWING NO.: **8 OF 13**

PROJECT: **NORTHERN MAINE REGIONAL AIRPORT**
 LOCATION: **PRESQUE ISLE, MAINE**

CONTRACTOR: **ENVIROPLAN**
 ARCHITECTS/ENGINEERS/PLANNERS: **HNTB**
 THE HNTB COMPANY

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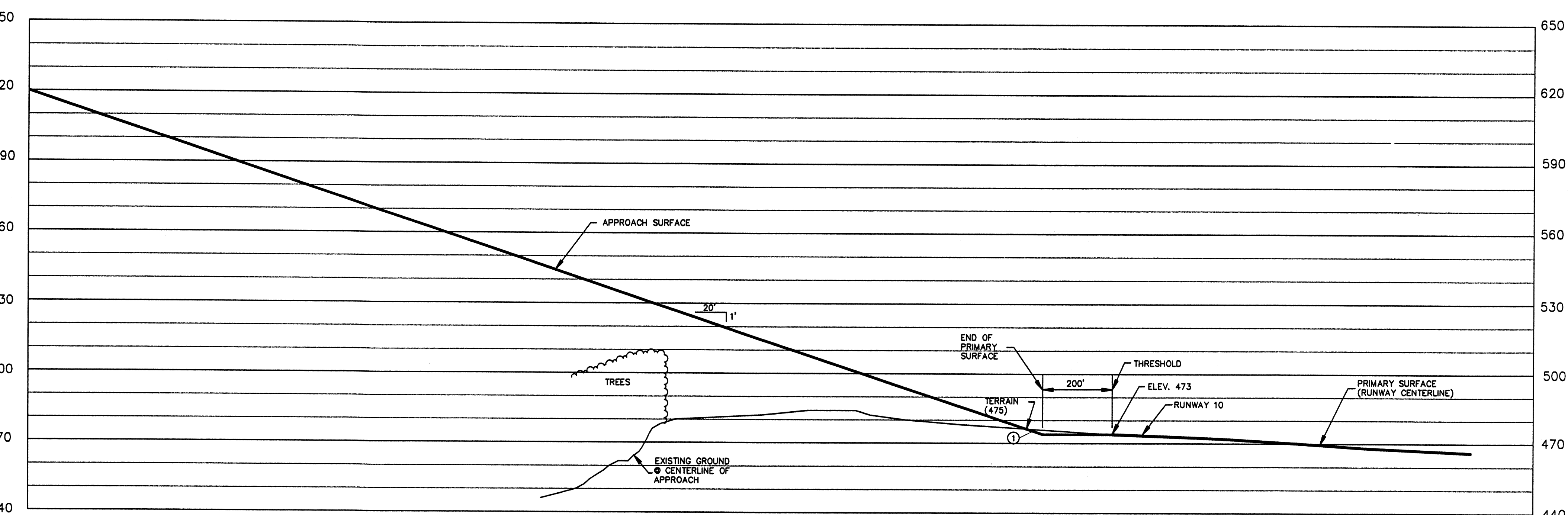
RUNWAY 10 APPROACH SURFACE OBSTRUCTIONS

| # | DESCRIPTION | APPROXIMATE AMOUNT OF PENETRATION | PROPOSED MITIGATION |
|---|-------------|-----------------------------------|---------------------|
| 1 | TERRAIN | 2' | GRADE |

| | | |
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| DATE | DESIGN | AUTH. BY |
| | DRAWN | |
| | CHECKED | |
| | JOB NO. | |

NORTHERN MAINE REGIONAL AIRPORT
PRESQUE ISLE, MAINE

BRSA
BROOKFIELD SURVEYING ENGINEERING ARCHITECTURE
P.O. Box 100, Presque Isle, ME 04969-0100
Tel. 207-748-2441 Fax. 207-748-2413



CENTERLINE PROFILE
SCALE: HORIZ 1" = 200'
VERT 1" = 30'

NOTES:
1. THE BASE MAPPING FOR THIS PROJECT IS A COMPILATION OF INFORMATION FROM A VARIETY OF SOURCES. THE MAJORITY OF THE MAPPING IS BASED ON WORK COMPLETED BY AERIAL SURVEY AND PHOTO, INC. FOR THE 1993 MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION SITE LICENSE APPLICATION FOR THE NORTHERN MAINE REGIONAL AIRPORT. THIS INFORMATION HAS BEEN SUPPLEMENTED BY ADDITIONAL GROUND SURVEYS ON CRITICAL AREAS OF THE SITE.
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3. SEE THE OBSTRUCTION MITIGATION REPORT FOR ADDITIONAL INFORMATION.

PROJECT NAME
MASTER PLAN UPDATE

DRAWING TITLE
RUNWAY 10 END APPROACH

DRAWING NO.
9 of 13

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