

NOTE: MINNESOTA DEPARTMENT OF TRANSPORTATION CRITERIA UTILIZED WHERE MORE RESTRICTIVE.
 ALL ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL.

LEGEND

ULTIMATE RUNWAY	----
EXISTING RUNWAY	—
TOPOGRAPHIC CONTOURS	1450
AERIAL CONTOURS	1500

prc SPEAS ASSOCIATES

ELY MUNICIPAL AIRPORT ZONING ORDINANCE
ELY, MINNESOTA

JOINT AIRPORT ZONING BOARD

APPROVAL	<i>[Signature]</i>	CITY OF ELY	DATE	2-15-83
APPROVAL	<i>[Signature]</i>	LAKE COUNTY	DATE	2/7/83
APPROVAL	<i>[Signature]</i>	ST. LOUIS COUNTY	DATE	2/10/83
APPROVAL	<i>[Signature]</i>	MORSE TOWNSHIP	DATE	2/18/83

NO.	DESCRIPTION	DATE

HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION

PRC - SPEAS ASSOCIATES

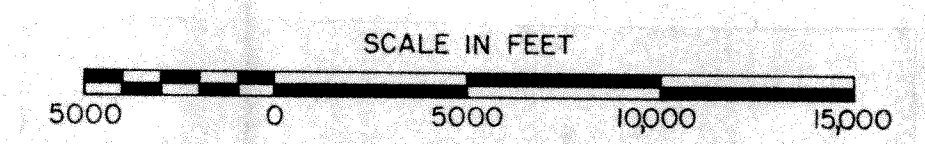
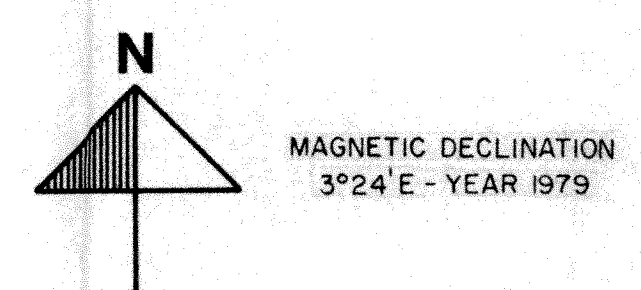
NAME *[Signature]*

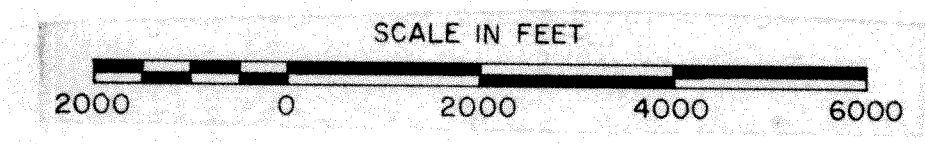
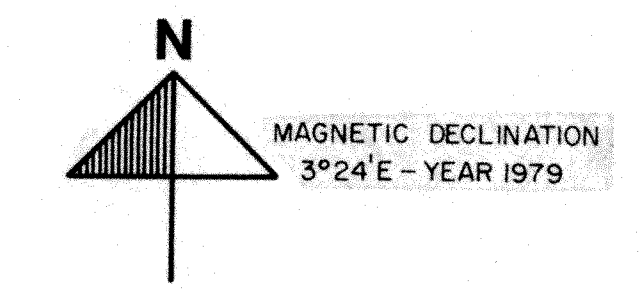
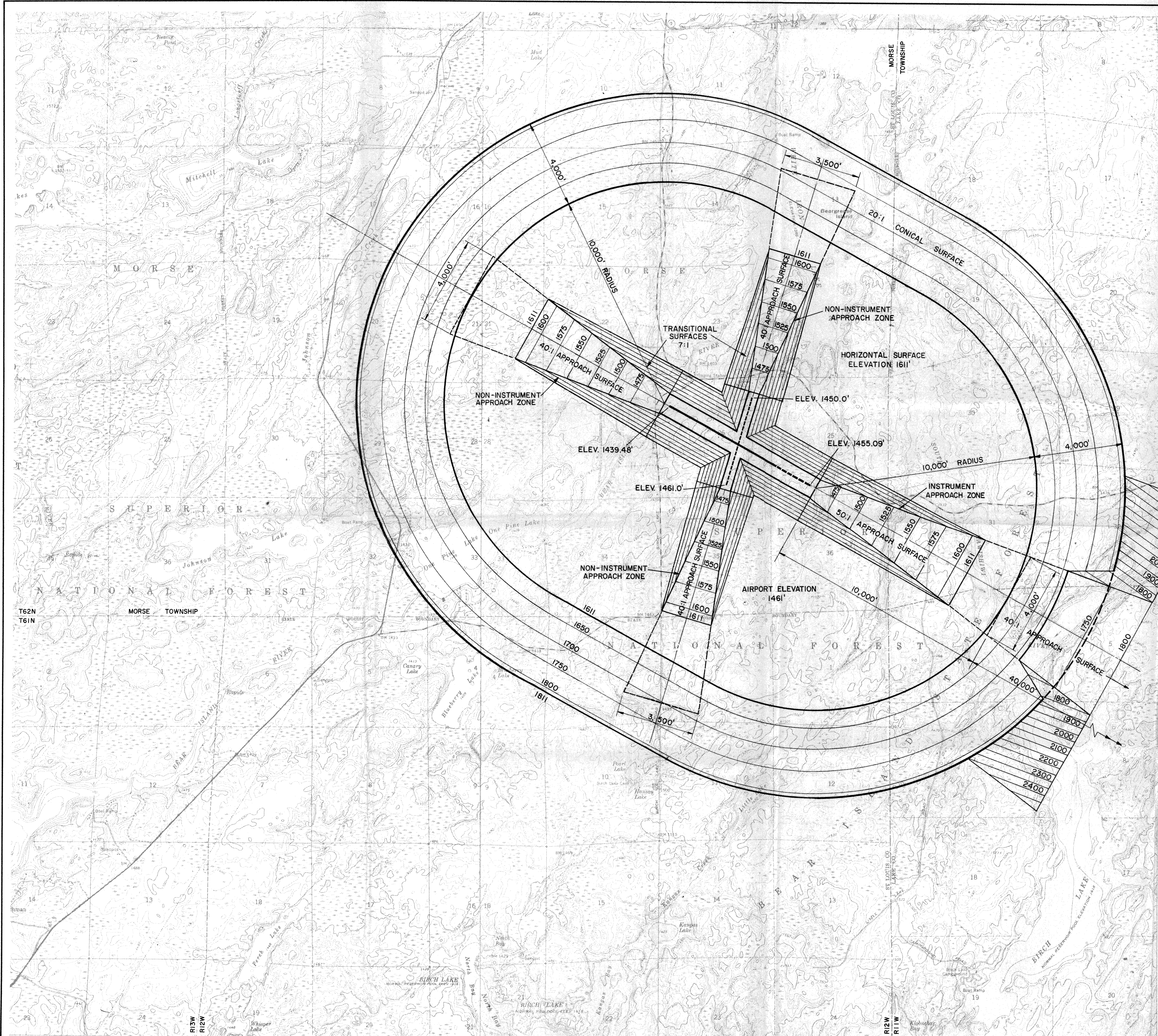
DATE 1/18/83

DRAWN BY

AIRSPACE OBSTRUCTION ZONES AFFECT ALL OR A PORTION OF THE FOLLOWING SECTIONS OF LAND

	SECTIONS
MORSE T 62 N	9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23,
R 12 W	24, 25, 26, 27, 28, 29, 32, 33, 34, 35, 36
T 61 N	1, 2, 3, 4, 10, 11, 12
R 12 W	
T 61 N	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,
R 11 W	17, 21, 22, 23, 24, 25, 26, 27, 36
T 62 N	18, 19, 20, 29, 30, 31, 32, 33, 34, 35
R 11 W	
T 61 N	5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 29, 30, 31
R 10 W	





LEGEND

ULTIMATE RUNWAY	---
EXISTING RUNWAY	—
TOPOGRAPHIC CONTOURS	1450
AERIAL CONTOURS	1500

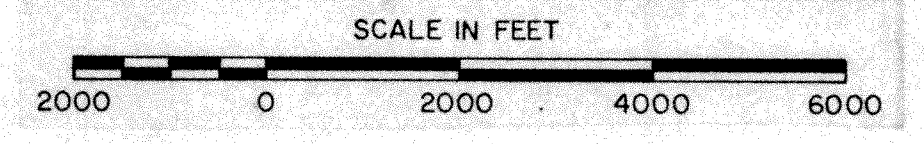
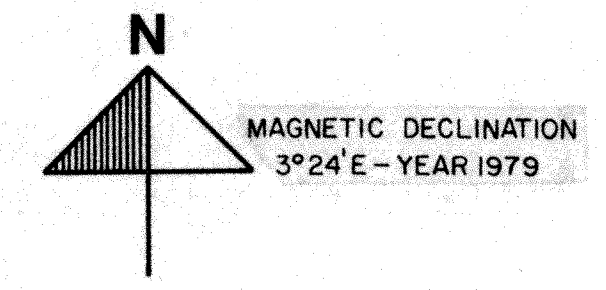
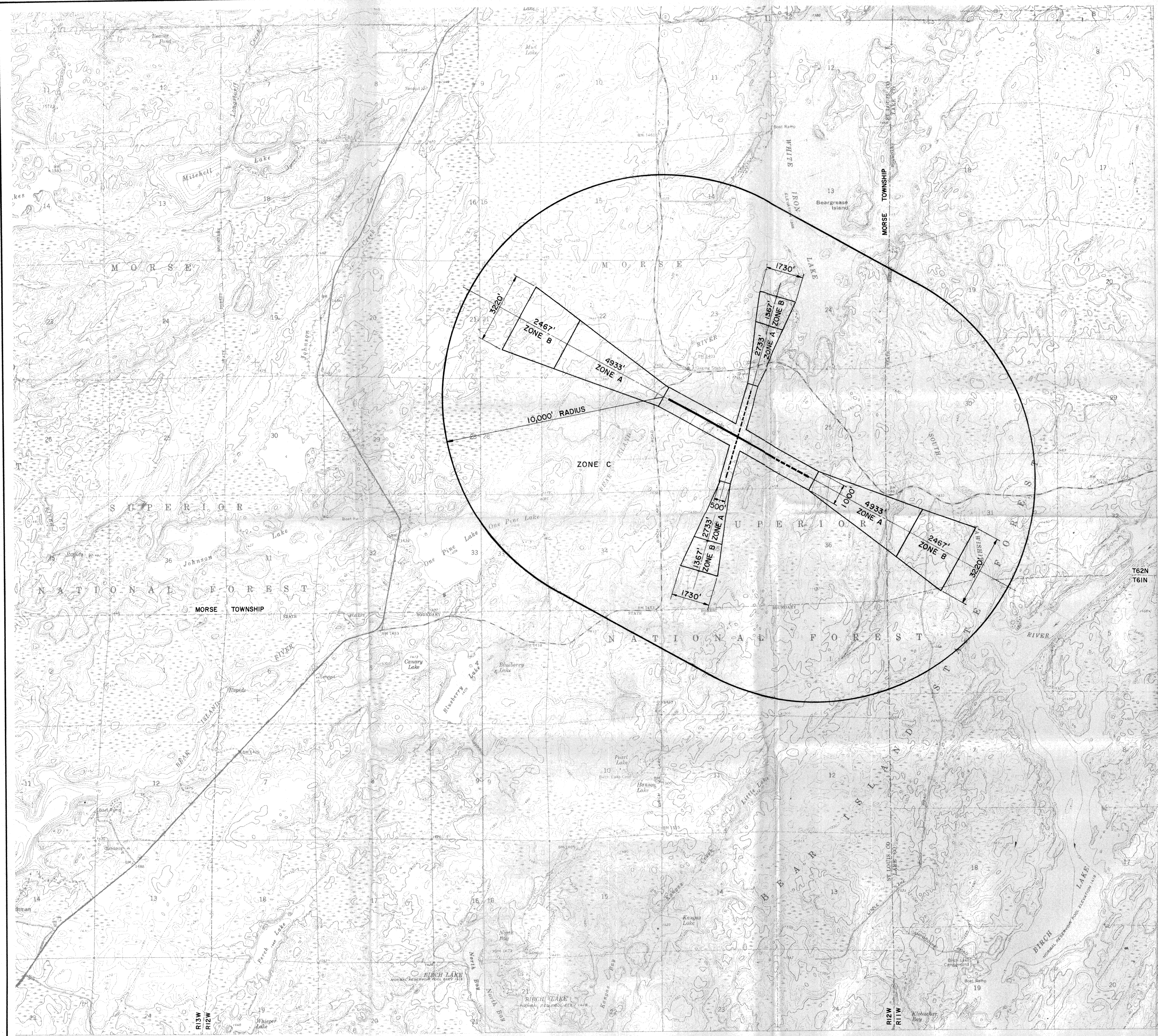
NOTE: PRECISION INSTRUMENT APPROACH SURFACE TERMINATES 50,200 FEET FROM RUNWAY END, EXPANDING UNIFORMLY TO A WIDTH OF 16,000 FEET. THE ASSOCIATED TRANSITIONAL SURFACES ARE 5000 FEET WIDE AND RISE ONE FOOT VERTICALLY FOR EVERY SEVEN FEET HORIZONTALLY.

NOTES:

1. TOPOGRAPHIC CONTOUR INTERVALS ARE 10 FEET. DATUM IS MEAN SEA LEVEL ELEVATION.
2. THE AERIAL CONTOURS ILLUSTRATE THE HEIGHT LIMITATIONS WITHIN EACH ZONE.
3. A SLOPE SUCH AS 40:1 EXPRESSES THE HORIZONTAL DISTANCE OF 40 FEET TO THE VERTICAL DISTANCE OF 1 FOOT.
4. EXISTING TOPOGRAPHIC SYMBOLS ARE THOSE USED BY THE U.S. GEOLOGICAL SURVEY.

5. AIRPORT DATA :

	EXISTING	ULTIMATE
AIRPORT ELEVATION	1455.0	1461.0
AIRPORT REFERENCE POINT	47°49'26"N 91°49'42"W	47°49'25"N 91°49'38"W



LEGEND

ULTIMATE RUNWAY	—————
EXISTING RUNWAY	—————
TOPOGRAPHIC CONTOURS	——— 1450
AERIAL CONTOURS	——— 1500

1. SAFETY ZONE A: ALL LAND IN THAT PORTION OF THE APPROACH ZONES OF A RUNWAY, AS DEFINED IN SUBSECTION IX.A. HEREOF, WHICH EXTENDS OUTWARD FROM THE END OF PRIMARY SURFACE A DISTANCE EQUAL TO TWO-THIRDS OF THE PLANNED LENGTH OF THE RUNWAY, WHICH DISTANCE SHALL BE:

A. 4,933 FEET FOR RUNWAYS 12 AND 30.
 B. 2,733 FEET FOR RUNWAYS 02 AND 20.

2. SAFETY ZONE B: ALL LAND IN THAT PORTION OF THE APPROACH ZONES OF A RUNWAY, AS DEFINED IN SUBSECTION IX.A. HEREOF, WHICH EXTENDS OUTWARD FROM SAFETY ZONE A A DISTANCE EQUAL TO ONE-THIRD OF THE PLANNED LENGTH OF THE RUNWAY, WHICH DISTANCE SHALL BE:

A. 2,467 FEET FOR RUNWAYS 12 AND 30.
 B. 1,367 FEET FOR RUNWAYS 02 AND 20.

3. SAFETY ZONE C: ALL THAT LAND WHICH IS ENCLOSED WITHIN THE PERIMETER OF THE HORIZONTAL ZONE, AS DEFINED IN SUBSECTION IX.A. HEREOF, AND WHICH IS NOT INCLUDED IN ZONE A OR ZONE B.

SEE ZONING ORDINANCE, SECTION V.B., FOR LAND USE RESTRICTIONS.

*RUNWAY 02/20 IS NOT IN EXISTENCE; LAND USE ZONES FOR RW 02/20 ARE AS ESTABLISHED IN ORDINANCE SECTION XXI. PLANNED RUNWAY 02/20 - SUSPENSION OF RESTRICTIONS.

THIS LAND USE SAFETY ZONING ORDINANCE AFFECTS ALL OR A PORTION OF THE FOLLOWING SECTIONS OF LAND

SECTIONS		
MORSE	T 62 N	13,14,15,16,21,22,23,24,25,
	R 12 W	26,27,28,33,34,35,36
	T 61 N	1,2,3
	R 12 W	
	T 61 N	6
	R 11 W	
	T 62 N	19,30,31
	R 11 W	