

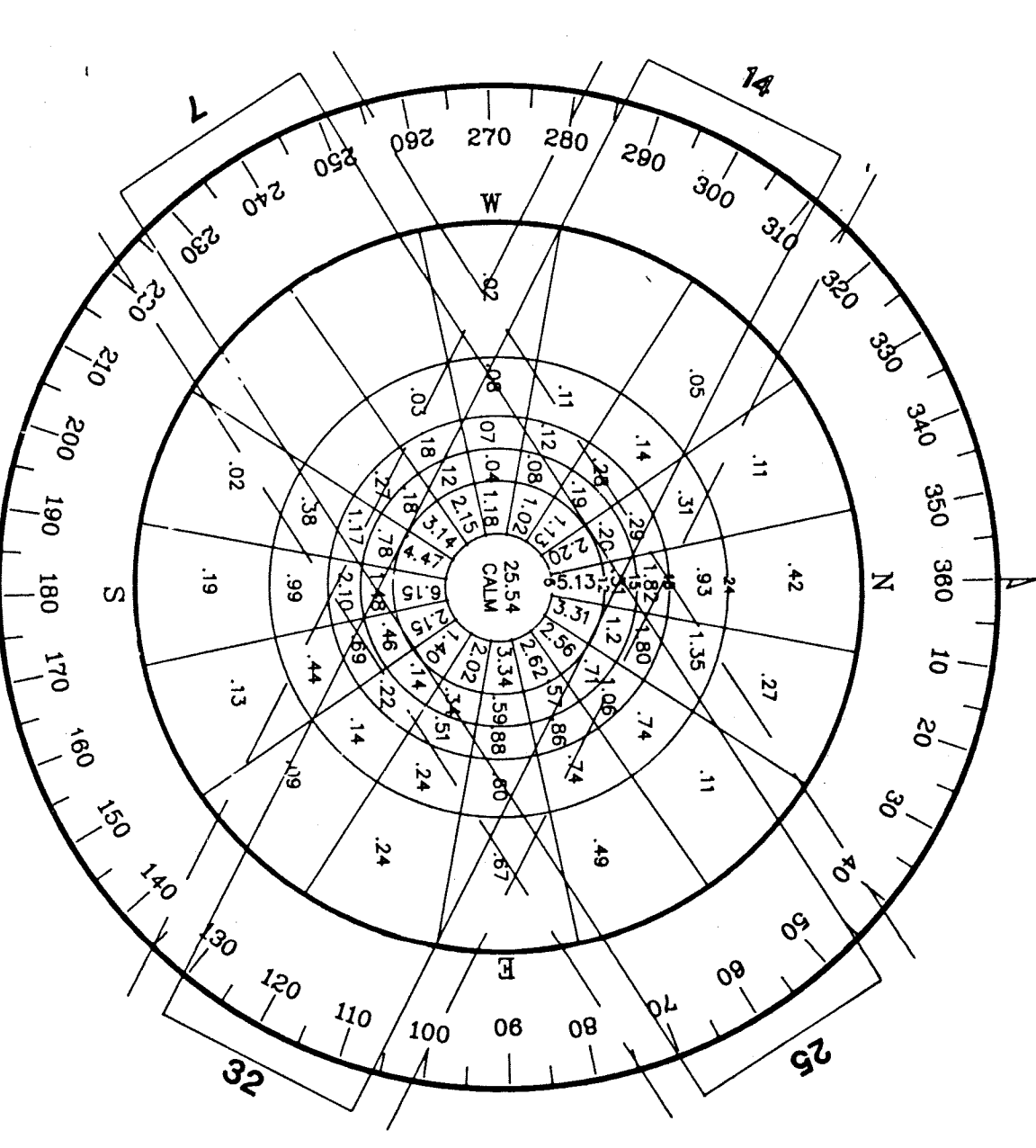
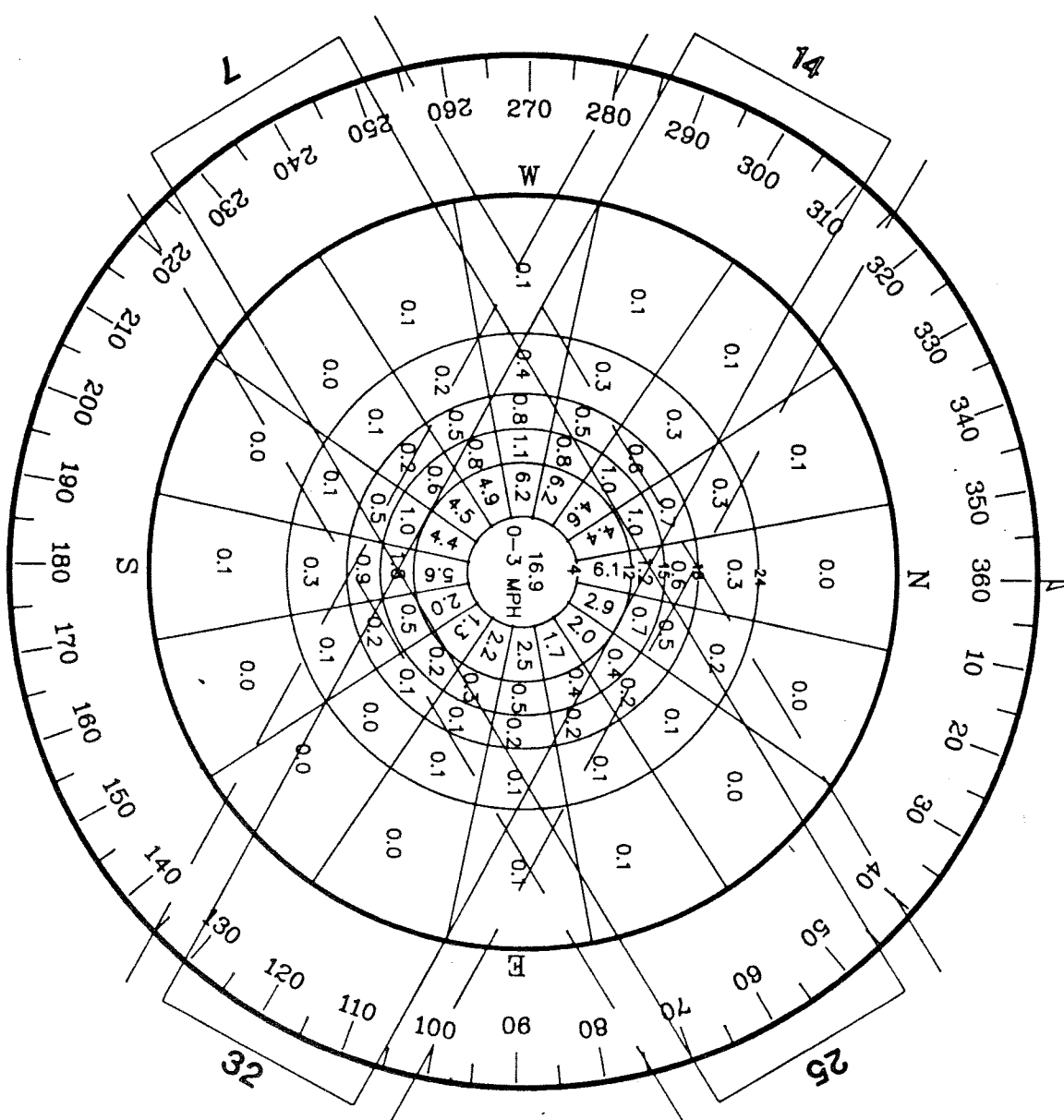
# TOWN OF SANFORD MAINE MASTER PLAN UPDATE SANFORD MUNICIPAL AIRPORT

PROJECT NO. 84-2-3-23-0044-0487

## INDEX TO DRAWINGS

- 1 EXISTING AIRPORT LAYOUT PLAN
- 2 AIRPORT LAYOUT PLAN
- 3+4 TERMINAL AREA PLANS
- 5 AIRPORT IMAGINARY SURFACES PLAN
- 6 RUNWAY AND APPROACH PROFILES
- 7 LAND USE PLAN

ALL WEATHER WIND ROSE



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

**BOARD OF SELECTMEN**  
**JOHN R. TUCKER III**  
**FAITH BALLENGER**  
**DAVID GARDNER**  
**BRUCE CARLSON**  
**JAMES McLAUGHLIN**

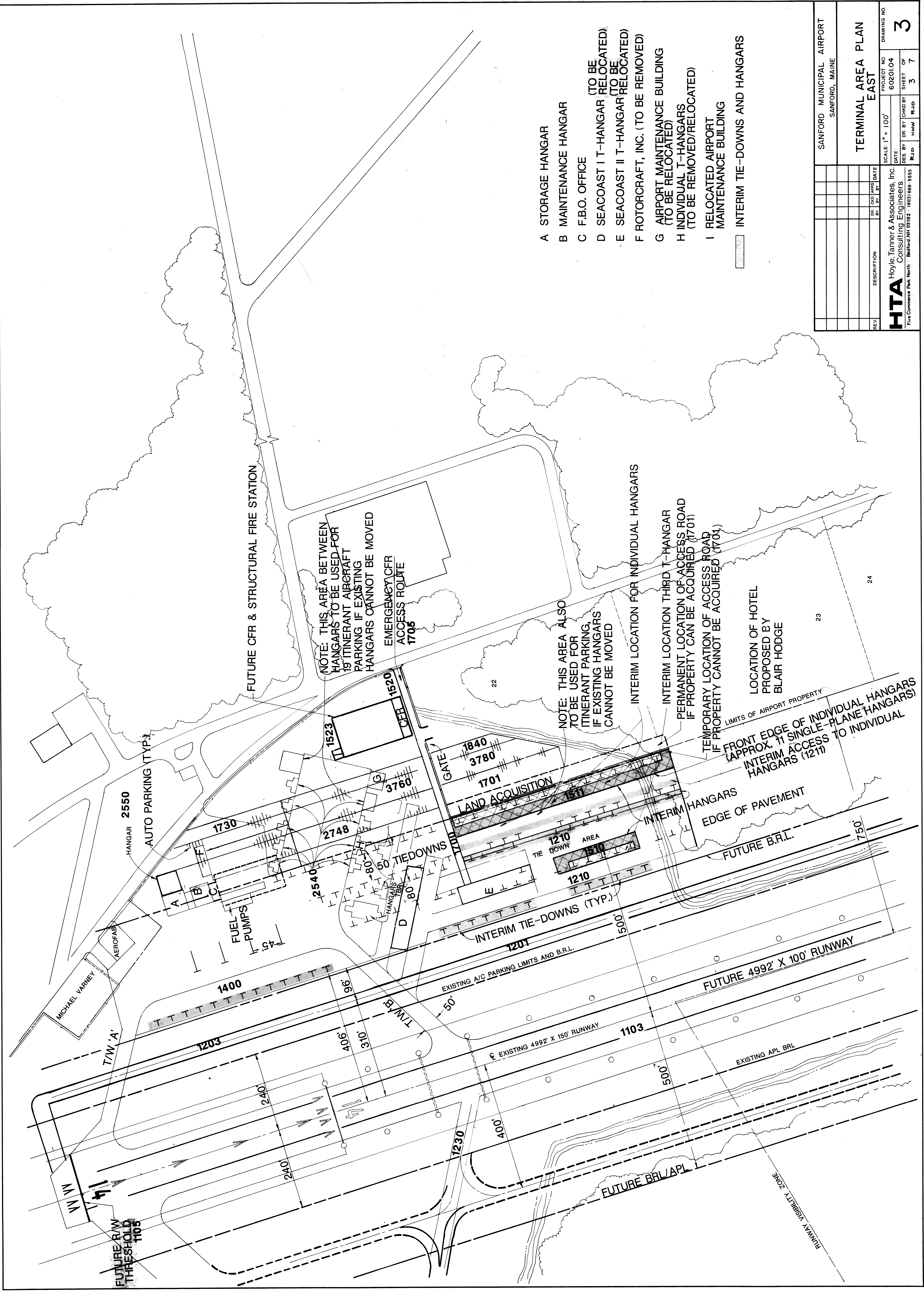












NOTE: THIS AREA BETWEEN HANGARS TO BE USED FOR ITINERANT AIRCRAFT PARKING IF EXISTING HANGARS CANNOT BE MOVED

EMERGENCY CFR ACCESS ROUTE 1705

NOTE: THIS AREA ALSO TO BE USED FOR ITINERANT PARKING, IF EXISTING HANGARS CANNOT BE MOVED

INTERIM LOCATION FOR INDIVIDUAL HANGARS

INTERIM LOCATION THIRD T-HANGAR PERMANENT LOCATION OF ACCESS ROAD IF PROPERTY CAN BE ACQUIRED (1701)

TEMPORARY LOCATION OF ACCESS ROAD IF PROPERTY CANNOT BE ACQUIRED (1701)

LOCATION OF HOTEL PROPOSED BY BLAIR HODGE

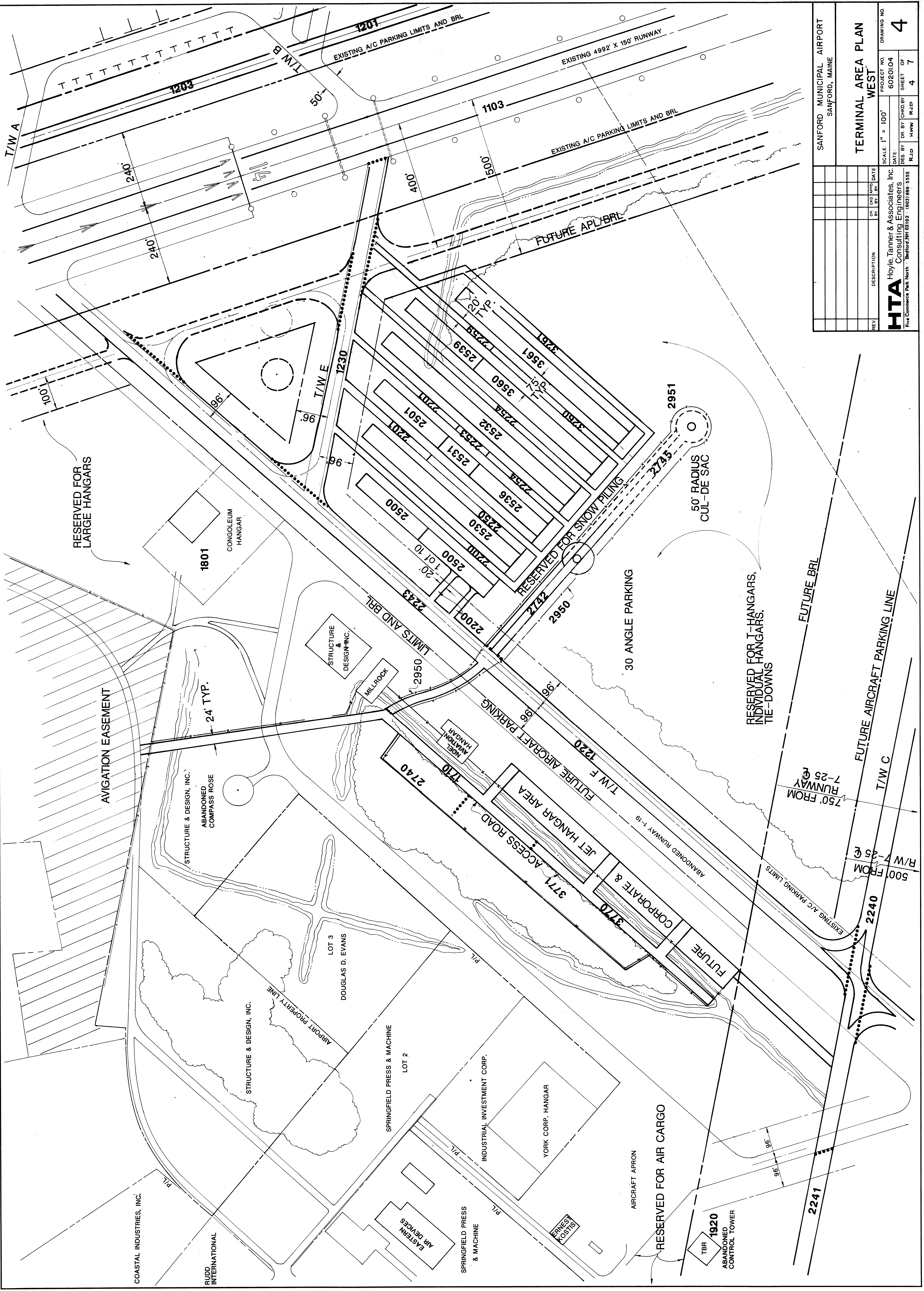
FRONT EDGE OF INDIVIDUAL HANGARS (APPROX. 11 SINGLE-PLANE HANGARS) INTERIM ACCESS TO INDIVIDUAL HANGARS (1211)

- A STORAGE HANGAR
  - B MAINTENANCE HANGAR
  - C F.B.O. OFFICE
  - D SEACOAST I T-HANGAR (TO BE RELOCATED)
  - E SEACOAST II T-HANGAR (TO BE RELOCATED)
  - F ROTORCRAFT, INC. (TO BE REMOVED)
  - G AIRPORT MAINTENANCE BUILDING (TO BE RELOCATED)
  - H INDIVIDUAL T-HANGARS (TO BE REMOVED/RELOCATED)
  - I RELOCATED AIRPORT MAINTENANCE BUILDING
- INTERIM TIE-DOWNS AND HANGARS

SANFORD MUNICIPAL AIRPORT SANFORD, MAINE		PROJECT NO. 6020104	DRAWING NO. 3
TERMINAL AREA PLAN EAST		DES. BY H.W.	SHEET OF 7
REV.	DESCRIPTION	DR. CD. APPR. DATE	

HTA  
Hoyle, Tanner & Associates, Inc.  
Consulting Engineers  
Five Commerce Park North - Bedford, NH 03112 - (603) 668-5555





SANFORD MUNICIPAL AIRPORT SANFORD, MAINE		PROJECT NO. 6020104	DRAWING NO. 4
TERMINAL AREA PLAN WEST		DATE	SHEET OF 4
SCALE: 1" = 100'	DESIGNED BY: HWW	CHECKED BY: HWW	DATE: 4 7
HTA Hoyle, Tanner & Associates, Inc. Consulting Engineers Five Commerce Park North - Bedford, NH 03102 - (603) 866-5555		DATE	DATE





SANFORD MUNICIPAL AIRPORT TOWN OF SANFORD MAINE	
<b>AIRPORT IMAGINARY SURFACES PLAN</b>	
PROJECT NO.	6020104
SCALE	1" = 1000'
DATE	DR BY CHD BY SHEET OF
DES BY	RJD MWM RJD 5 7
DATE	
REV	DESCRIPTION
DR	CHD
BY	BY
DATE	DATE
Hoyle, Tanner & Associates, Inc. 100 Commercial Street, Portland, ME 04101 Tel: 603-833-8888	
NOTE: GROUND CONTOUR INTERVAL = 20' SOURCE: USGS BATHYMETRY (1956) SOURCE: USGS BATHYMETRY (1930)	

SHADED AREAS INDICATE THAT THE GROUND SURFACE IS WITHIN 100' BELOW THE IMAGINARY SURFACE

BEYOND THE LIMITS OF THIS DRAWING, OBSTRUCTIONS PENETRATE THE IMAGINARY SURFACE. THE GROUND SURFACE IS AT LEAST 100' BELOW THE IMAGINARY SURFACE.











AIRPORT DATA		BASIC DATA TABLE		RUNWAY DATA	
AIRPORT ELEVATION (USCGS M.S.L.)	EXISTING 243	ULTIMATE	43'-24" N	EXISTING 14-32	RUNWAY 7-25
AIRPORT REFERENCE POINT	70'-43" N	SAME	80'-F	EXISTING 0-25	EXISTING 0-09
MEAN MAXIMUM TEMP OF HOTTEST MO.	70'-43" N	SAME	GEN UTILITY TRANSPORT	SAME 14-25-43 (67/70)	SAME 14-25-43 (67/70)
AIRPORT ZONE (M.S.L.)	70'-43" N	SAME	TERMINAL (M.S.L.)	SAME 32-46-30 (48/60)	SAME 32-46-30 (48/60)
LAND OWNED IN FEES (ACRES)	121	SAME	ENVELOP	SAME 4-99'	SAME 4-99'
AVIGATION EASEMENT (ACRES)	121	SAME	AREA NAVIGATION AIDS	SAME 4-99'	SAME 4-99'
DISTANCE AND DIRECTION TO SANFORD	4NM NW	SAME	APPROACH SURFACES	SAME 20-1	SAME 20-1

LEGEND	
EXISTING	ULTIMATE
PROPERTY LINE (P)	AIRPORT PROPERTY LINE (P)
MISCELLANEOUS PROPERTY LINE	MISCELLANEOUS PROPERTY LINE
APPROACH SURFACES (UNGRAVED)	APPROACH SURFACES (UNGRAVED)
GROUND CONTOURS & ELEVATIONS (USGS M.S.L.)	GROUND CONTOURS & ELEVATIONS (USGS M.S.L.)
AIRPORT BEACON (ROTATING)	AIRPORT BEACON (ROTATING)
AIRPORT REFERENCE POINT (ARP)	AIRPORT REFERENCE POINT (ARP)
BUILDING RESTRICTION LINE	BUILDING RESTRICTION LINE
AIRPORT BUILDINGS	AIRPORT BUILDINGS
PART	PART
TAXIWAY GUIDANCE SIGN	TAXIWAY GUIDANCE SIGN
OBSTRUCTION EASEMENT	OBSTRUCTION EASEMENT
FENCING	FENCING

BUILDINGS	
NO. STORAGE	EXISTING STRUCTURES
A. MAINTENANCE HANGAR	
B. FEO OFFICE	
C. SEACOAST I T-HANGAR	
D. SEACOAST II T-HANGAR	
E. ROTORCRAFT INC. (TO BE REMOVED)	
F. AIRPORT MAINTENANCE BUILDING	
G. INDIVIDUAL T-HANGARS (TO BE REMOVED/RELOCATED)	
H. AIRPORT MAINTENANCE BUILDING	
I. INDIVIDUAL T-HANGARS	
J. SEACOAST I SEACOAST II	
K. SEACOAST I SEACOAST II	
L. ADDITIONAL INDIVIDUAL T-HANGARS	

NOTES: 1. SEGMENTED CIRCLES TO BE RELOCATED IF TAXIWAY IS CONSTRUCTED.  
 2. RESERVED FOR FUTURE T-HANGARS, DEVELOPER AFTER FUTURE DEVELOPMENT OF WEST SIDE OF PROPOSED ACCESS HANGARS, TIE-DOWNS.  
 3. SETBACKS ARE TO AIRPLANE DESIGN GROUP III CRITERIA (WINGS PAN 418).  
 4. TAXIWAYS TO RUNWAY 14-32 SHOULD BE NEEDED IN FUTURE.  
 5. FOR MORE DETAIL FOR AREAS EAST OF RUNWAY 14-32 AND ALONG ABANDONED RUNWAY 1-9, SEE SHEETS 3 AND 4 RESPECTIVELY.  
 6. SEE TABLE 7-1, 7-2, 7-3 FOR EXPLANATION OF SPECIFIC PROJECT NUMBERS

RUNWAY END/ARP COORDINATES	
EXISTING	FUTURE
RW 7 1/2 LAT.	43-23-12.54465
RW 25 1/2 LONG.	70-43-11.02167
RW 14 1/2 LAT.	43-24-01.87501
RW 32 1/2 LONG.	70-42-01.87501
ARP	43-24-00.89711
	70-42-55.21755
	70-41-54.08180
	43-23-37.65040
	70-42-30.555
	1/ FROM NOAA GEODETIC SURVEY, 1986
	2/ COMPUTED BY HPA, INC.



SANFORD MUNICIPAL AIRPORT SANFORD, MAINE	
<b>AIRPORT IMPROVEMENT SCHEDULE</b>	
DATE: DEC. 1987	FIGURE NO. 7-1
R/D	H/W
R/D	R/D

Hoyle, Tanner & Associates, Inc.  
 HPA  
 1000 WASHINGTON ST., SUITE 200  
 BOSTON, MA 02108  
 DATE: DEC. 1987  
 FIGURE NO. 7-1  
 R/D H/W R/D R/D  
 DO NOT SCALE DRAWING