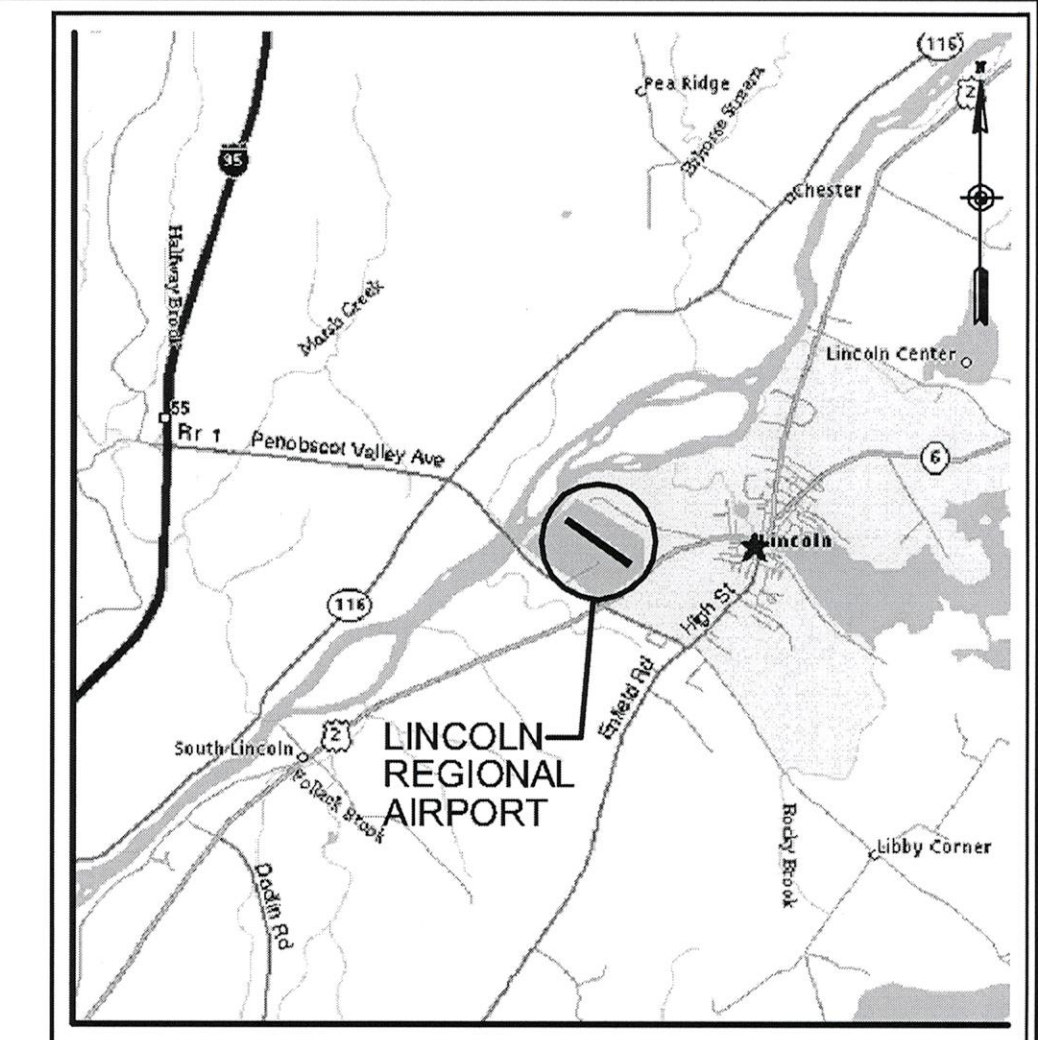


VICINITY MAP
NOT TO SCALE

LINCOLN REGIONAL AIRPORT (LRG) LINCOLN, MAINE

AIRPORT LAYOUT PLAN (ALP) UPDATE



LOCATION MAP
NOT TO SCALE

AIRPORT IMPROVEMENT PROGRAM (AIP) No. 3-23-0027-05-2007 HOYLE, TANNER PROJECT No. 390401.23

INDEX TO DRAWINGS

Sheet Number	Sheet Title
1	COVER - TITLE SHEET
2	AIRPORT LAYOUT PLAN (EXISTING CONDITIONS)
3	AIRPORT LAYOUT PLAN (ULTIMATE CONDITIONS)
4	ALP DATA SHEET
5	TERMINAL AREA PLAN
6	RUNWAY 17-35 PLAN & PROFILE
7	FAR PART 77 AIRSPACE SURFACES
8	LAND USE PLAN
9	AIRPORT PROPERTY MAP-EXHIBIT A

February, 2009

ENGINEER'S SEAL

150 Dow Street
Manchester, NH 03101-1227
Tel 603-669-5555
Fax 603-669-4168
Web Page: www.hoyletanner.com

Hoyle, Tanner & Associates, Inc.

LINCOLN REGIONAL AIRPORT
MASTER PLAN UPDATE
COVER - TITLE SHEET

REV. NO.	DATE	DESCRIPTION	BY

PROJ. No.: 390401
FILE NAME:
AIP No.:
DRAWING NO.
1
SHEET 1 OF 9

DRAWN BY: DJS
CHECKED BY: JRL

DESIGNED BY: TLM

SCALE: NONE
DATE: February, 2009

CORRECTIONS/REVISIONS PER REVIEW COMMENTS DWH
DO NOT SCALE DRAWING
07/10

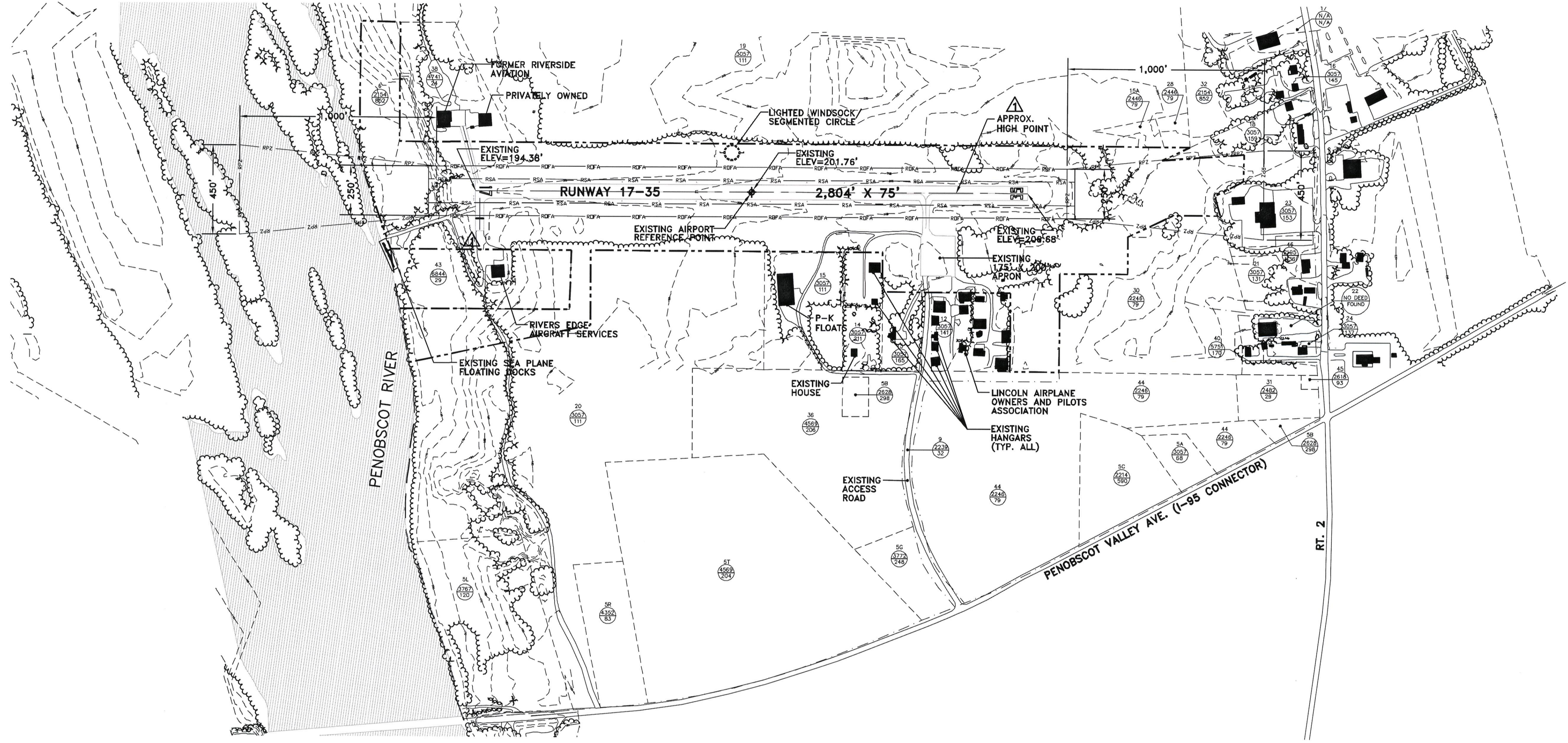
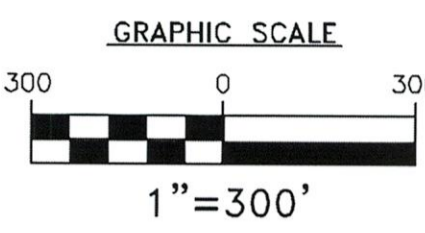
LAST PLOTTED BY: MARD, DAVE W. ON July 20, 2010

LAST SAVED BY: DWH ON July 20, 2010

H:\WORK\PROJECTS\CONTRACTS\LANCASHIRE

H:\WORK\PROJECTS\CONTRACTS\LANCASHIRE\390401.23\H01.dwg

MAG. DECLINATION
19° 30' W
(YR. 2000)



RUNWAY DATA

ITEM	RUNWAY 17-35	RUNWAY 6W-24W
RUNWAY LENGTH	2,804'	5,000'
RUNWAY WIDTH	75'	500'
STUB TAXIWAY WIDTH	R/W 17: 41' R/W 35: 31'	
PVMT. STRENGTH	25,000 LBS. SINGLE WHEEL	
PAVEMENT TYPE	ASPHALT	
APPROACH TYPE	NON-PRECISION	
APPROACH MINIMUMS	RUNWAY 17: 1 1/4 MILE/1,100' AGL CIRCLING: 1 1/4 MILE/1,500' AGL	
APPROACH AIDS	AIRPORT BEACON WITH UNLIGHTED WINDSOCK AND SEGMENTED CIRCLE WITH LIGHTED WINDSOCK	
CLASSIFICATION	UTILITY	
RUNWAY LIGHTING	MIRL	
RUNWAY MARKING	RUNWAY 17: VISUAL/BASIC RUNWAY 35: VISUAL/BASIC	
EFFECTIVE GRADIENT (%)	0.44%	
TAXIWAY LIGHTING	NONE	
RUNWAY END COORDINATES	RWY 17 45°21'55.425"N 68°32'14.691"W RWY 35 45°21'32.138"N 68°31'54.457"W	
DESIGNATED INSTRUMENT RUNWAY	R/W 17	

SEA PLANE

AIRPORT DATA

ITEM	EXISTING
AIRPORT ELEVATION (U.S.G.S.-M.S.L.)	208'
AIRPORT REFERENCE POINT (ARP)	45°21'43.779"N, 68°32'05.089"W
MEAN MAX. TEMP HOTTEST MONTH	78.1°F
NAVAIDS	NDB, BEACON, WIND INDICATOR & SEGMENTED CIRCLE
DIST. AND DIRECTION FROM LINCOLN	2 MILES SW
LAND OWNED (ACRES)	55
AVIGATION EASEMENT (ACRES)	0
OWNER	TOWN OF LINCOLN
MAG. DECLINATION	19°30' W
CRITICAL AIRCRAFT (WING SPAN)	BEECH BONANZA (33.5')
CRITICAL AIRCRAFT APPROACH SPEED	72 KTS.
CRITICAL AIRCRAFT MTOW	3,600 LBS.
AIRPLANE DESIGN GROUP	I
AIRCRAFT APPROACH CATEGORY	A
AIRCRAFT SIZE	SMALL AIRPLANES ONLY

LEGEND

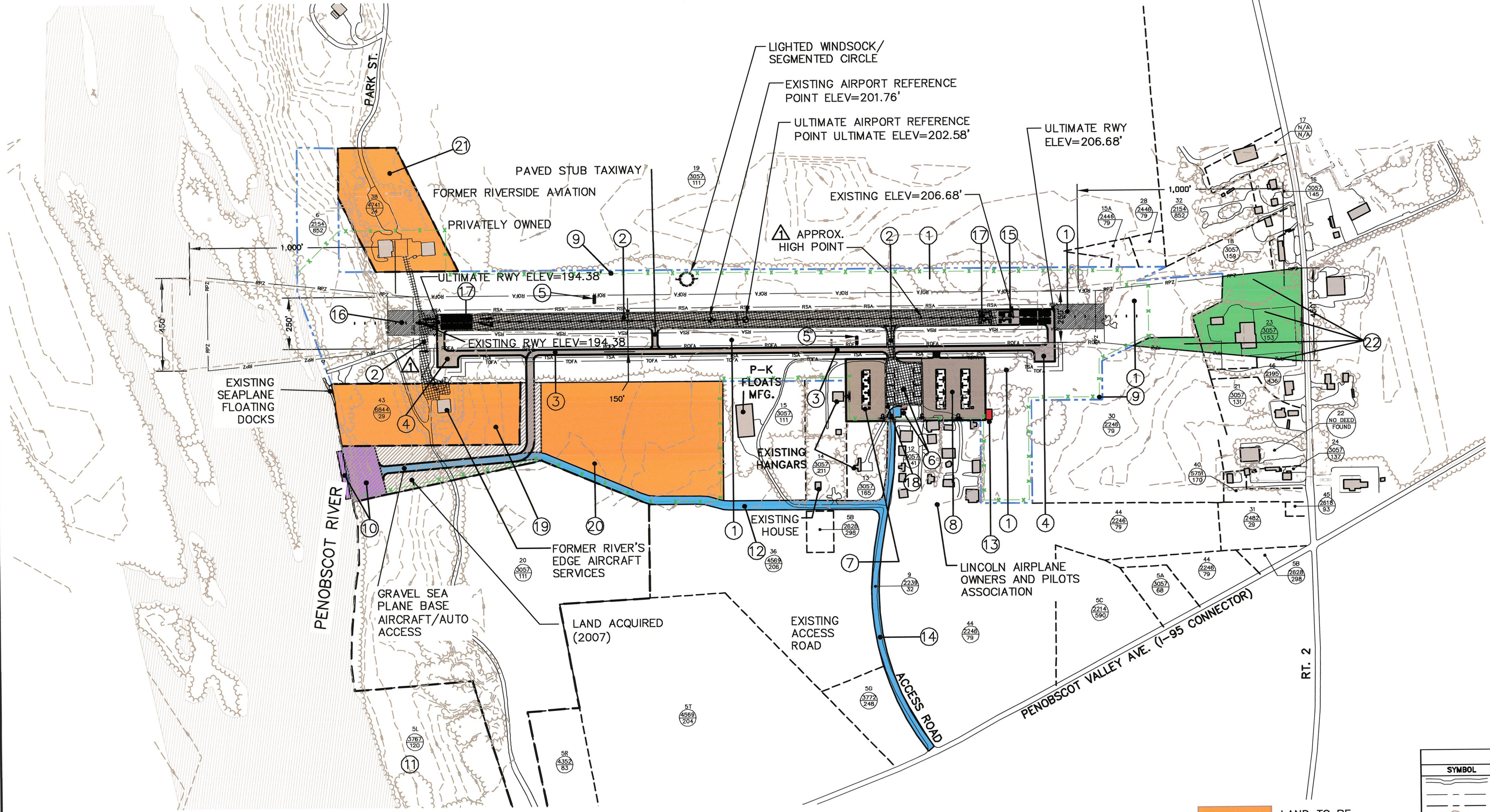
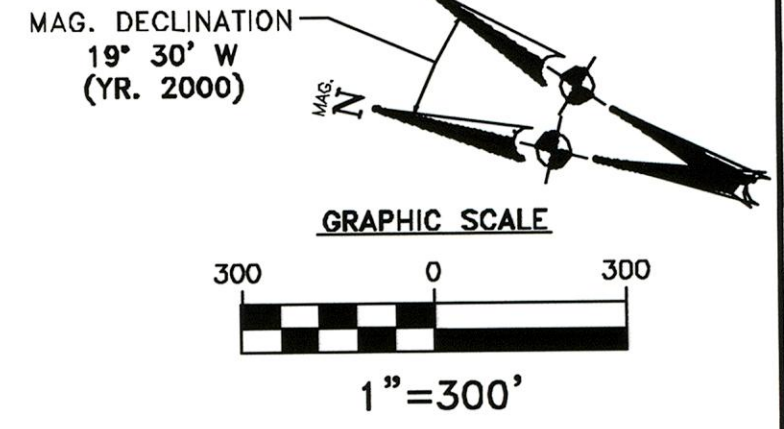
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[Symbol]	PAVEMENT EDGE	[Symbol]	EXISTING TURF TIE DOWN
[Symbol]	RUNWAY PAVEMENT EDGE	[Symbol]	RUNWAY PROTECTION ZONE
[Symbol]	RUNWAY CENTERLINE	[Symbol]	RUNWAY SAFETY AREA
[Symbol]	EXISTING PAVEMENT	[Symbol]	RUNWAY OBJECT FREE AREA
[Symbol]	EXISTING TREE LINE	[Symbol]	TAXIWAY SAFETY AREA
[Symbol]	EXISTING CONTOUR (TYP)	[Symbol]	TAXIWAY OBJECT FREE AREA
[Symbol]	EXISTING BUILDING	[Symbol]	TAXILANE Q TO FIXED OBJECTS (39.5')
[Symbol]	AIRPORT PROPERTY LINE	[Symbol]	RUNWAY VISIBILITY ZONE
[Symbol]	ABUTTING PROPERTY LINES AND/OR AVIGATION EASEMENTS	[Symbol]	TOWN OF LINCOLN BOOK & PAGE NUMBERS, NUMBER ON TOP REPRESENTS PARCEL NUMBER. (SEE SHEET 4 OF MASTER PLAN SET FOR PROPERTY OWNERSHIP).
[Symbol]	SEGMENTED CIRCLE/LIGHTED WINDSOCK	[Symbol]	
[Symbol]	AIRPORT BEACON/UNLIGHTED WINDSOCK	[Symbol]	

LAST PLOTTED BY: NRD, DAVE W. ON: July 27, 2010

LAST SAVED BY: DWR ON: July 27, 2010

H:\WORK\WORK\CONTRACT\CONTRACTING

References: \work\work\contract\contracting\...
H:\WORK\WORK\CONTRACT\CONTRACTING



- ### AIRPORT DEVELOPMENT
- ① REMOVE OBJECTS PENETRATING THE IMAGINARY SURFACES, RSA, OFA AND OFZS
 - ② RECONSTRUCT RW 17-35 AND IMPROVEMENTS TO EXISTING STUB TAXIWAY
 - ③ CONSTRUCT GRAVEL ACCESS ROAD. POTENTIAL FUTURE PARALLEL TAXIWAY. ADD ALL REQUIRED MARKINGS AND SIGNS.
 - ④ INSTALL RUNUP HOLDING AREAS FOR RUNWAY ENDS 17 & 35
 - ⑤ INSTALL PAPI ON RUNWAYS 17 & 35
 - ⑥ TERMINAL BUILDING & AIRCRAFT STORAGE PHASE I
 - ⑦ TERMINAL BUILDING & AIRCRAFT STORAGE PHASE II
 - ⑧ TERMINAL BUILDING & AIRCRAFT STORAGE PHASE III
 - ⑨ INSTALL WILDLIFE/SECURITY FENCING
 - ⑩ RELOCATE AND PERMIT SEAPLANE BASE
 - ⑪ INSTALL SEAPLANE BASE PROCEDURES SIGNAGE
 - ⑫ ACQUIRE/CONSTRUCT ACCESS ROAD TO SEAPLANE BASE/FBO
 - ⑬ CONSTRUCT SNOW REMOVAL EQUIPMENT BUILDING
 - ⑭ ACQUIRE/CONSTRUCT PUBLIC ACCESS ROAD TO AIRPORT
 - ⑮ 196' RUNWAY EXTENSION AND 85' SHIFT SOUTH OF RUNWAY END 35
 - ⑯ FILL RSA OF RUNWAY 17
 - ⑰ UPGRADE PAVEMENT MARKINGS ON RUNWAY 17-35
 - ⑱ 5,000 GALLON AVGAS SELF-SERVICE STATION
 - ⑲ LAND ACQUISITION - EXHIBIT A PARCEL 5X (PRIORITY 3)
 - ⑳ LAND ACQUISITION - EXHIBIT A PARCEL 5V (PRIORITY 2)
 - ㉑ LAND ACQUISITION - EXHIBIT A PARCEL 19A (PRIORITY 1)
 - ㉒ EASEMENTS ACQUISITION - EXHIBIT A PARCELS 10,11,18,23

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[Line]	PAVEMENT EDGE	[Line]	EXISTING RUNWAY PROTECTION ZONE
[Line]	EXISTING RUNWAY CENTERLINE	[Line]	ULTIMATE RUNWAY PROTECTION ZONE
[Line]	ULTIMATE RUNWAY CENTERLINE	[Line]	RUNWAY SAFETY AREA
[Line]	TREE LINE	[Line]	RUNWAY OBJECT FREE AREA
[Line]	EXISTING CONTOUR (TYP)	[Line]	TAXIWAY SAFETY AREA
[Line]	PROPERTY LINE AS PARCEL PURCHASED	[Line]	TAXIWAY OBJECT FREE AREA
[Line]	AIRPORT PROPERTY LINE	[Line]	ULTIMATE TRANSIENT PAVED TIEDOWNS
[Line]	SECURITY FENCING	[Symbol]	TOWN OF LINCOLN BOOK & PAGE NUMBERS. NUMBER ON TOP REPRESENTS PARCEL NUMBER. (SEE SHEET 4 OF MASTER PLAN SET FOR PROPERTY OWNERSHIP).
[Symbol]	GATE	[Symbol]	
[Symbol]	EXISTING PAVEMENT	[Symbol]	
[Symbol]	PROPOSED IMPROVEMENTS	[Symbol]	
[Symbol]	EXISTING STRUCTURE	[Symbol]	
[Symbol]	PROPOSED STRUCTURE	[Symbol]	

- LAND TO BE ACQUIRED
- EASEMENTS TO BE ACQUIRED
- ROAD TO BE ACQUIRED
- RELOCATED SEAPLANE BASE
- AIRCRAFT STORAGE

RUNWAY DATA

ITEM	RUNWAY 17-35		RUNWAY 6W-24W
	EXISTING	ULTIMATE	5,000' 500'
RUNWAY LENGTH	2,804'	3,000'	
RUNWAY WIDTH	75'	SAME	
STUB TAXIWAY WIDTH	R/W 17: 41' R/W 35: 31'	SAME	
PARALLEL TAXIWAY	NONE	3,000' X 35'	
PVMT. STRENGTH	25,000 LBS. SINGLE WHEEL	SAME	
SURFACE MATERIAL	ASPHALT	SAME	
APPROACH TYPE	NON-PRECISION	SAME	
APPROACH MINIMUMS	RUNWAY 17: 1 1/4 MILE/1,100 AGL CIRCLING: 1 1/4 MILE/1,300' AGL	SAME	
CLASSIFICATION	UTILITY	SAME	
RUNWAY LIGHTING	MIRL	MIRL/REIL	
RUNWAY MARKING	RUNWAY 17: VISUAL/BASIC RUNWAY 35: VISUAL/BASIC	RUNWAY 17: NON PRECISION RUNWAY 35: NON PRECISION	
EFFECTIVE GRADIENT (%)	0.4%	0.4%	
TAXIWAY LIGHTING	NONE	NONE	
RUNWAY END COORDINATES	RWY 17 45°21'55.425"N 68°32'14.691"W RWY 35 45°21'32.138"N 68°31'54.457"W	RWY 17 45°21'54.718"N 68°32'15.041"W RWY 35 45°21'29.803"N 68°31'52.320"W	
APPROACH AIDS	AIRPORT BEACON W/ UNLIGHTED WINDSOCK AND SEGMENTED CIRCLE WITH LIGHTED WINDSOCK	RWY 17/35-REIL/PAPI (IN ADDITION TO EXISTING)	
DESIGNATED INSTRUMENT RUNWAY	R/W 17	R/W 17	

AIRPORT DATA

ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION (U.S.G.S.-M.S.L.)	208'	SAME
AIRPORT REFERENCE POINT (ARP)	45°21'43.779"N 68°32'05.089"W	45°21'42.262"N 68°32'03.678"W
MEAN MAX. TEMP. HOTTEST MONTH	78.1°F	SAME
NAVAIDS	NDB, BEACON, WIND INDICATOR & SEGMENTED CIRCLE	SAME
DIST. AND DIRECTION FROM LINCOLN	2 MILES SW	SAME
LAND OWNED (ACRES)	55	SAME
AVIGATION EASEMENT (ACRES)	0	SAME
OWNER	TOWN OF LINCOLN	SAME
MAG. DECLINATION	19°30' W	SAME
CRITICAL AIRCRAFT (WING SPAN)	BEECH BONANZA (53.5')	BEECH BARON (37.8')
CRITICAL AIRCRAFT APPROACH SPEED	72 KTS.	96 KTS.
CRITICAL AIRCRAFT MTOW	3,600 LBS.	5,500 LBS.
AIRCRAFT DESIGN GROUP	I (SMALL AIRCRAFT EXCLUSIVELY)	I (SMALL AIRCRAFT EXCLUSIVELY)
AIRCRAFT APPROACH CATEGORY	B	SAME

FEDERAL AVIATION ADMINISTRATION NEW ENGLAND REGION AIRPORTS DIVISION APPROVED: <i>[Signature]</i> DATE: 10/19/2010	MAINE DEPARTMENT OF TRANSPORTATION OFFICE OF PASSENGER AND MULTI-MODAL PLANNING APPROVED: <i>[Signature]</i> DATE: 8-23-2010	TOWN OF LINCOLN APPROVED: <i>[Signature]</i> DATE: 8-16-2010
--	---	--

DESCRIPTION	EXISTING/PLANNED	NON CONFORMING CONDITIONS	
		STANDARD	REMARKS

150 Dow Street
Manchester, NH 03101-1227
Tel 603-669-5555
Fax 603-669-4168
Web Page: www.hoyletanner.com

Hoyle, Tanner & Associates, Inc.

LINCOLN REGIONAL AIRPORT
MASTER PLAN UPDATE

**AIRPORT LAYOUT PLAN
(ULTIMATE CONDITIONS)**

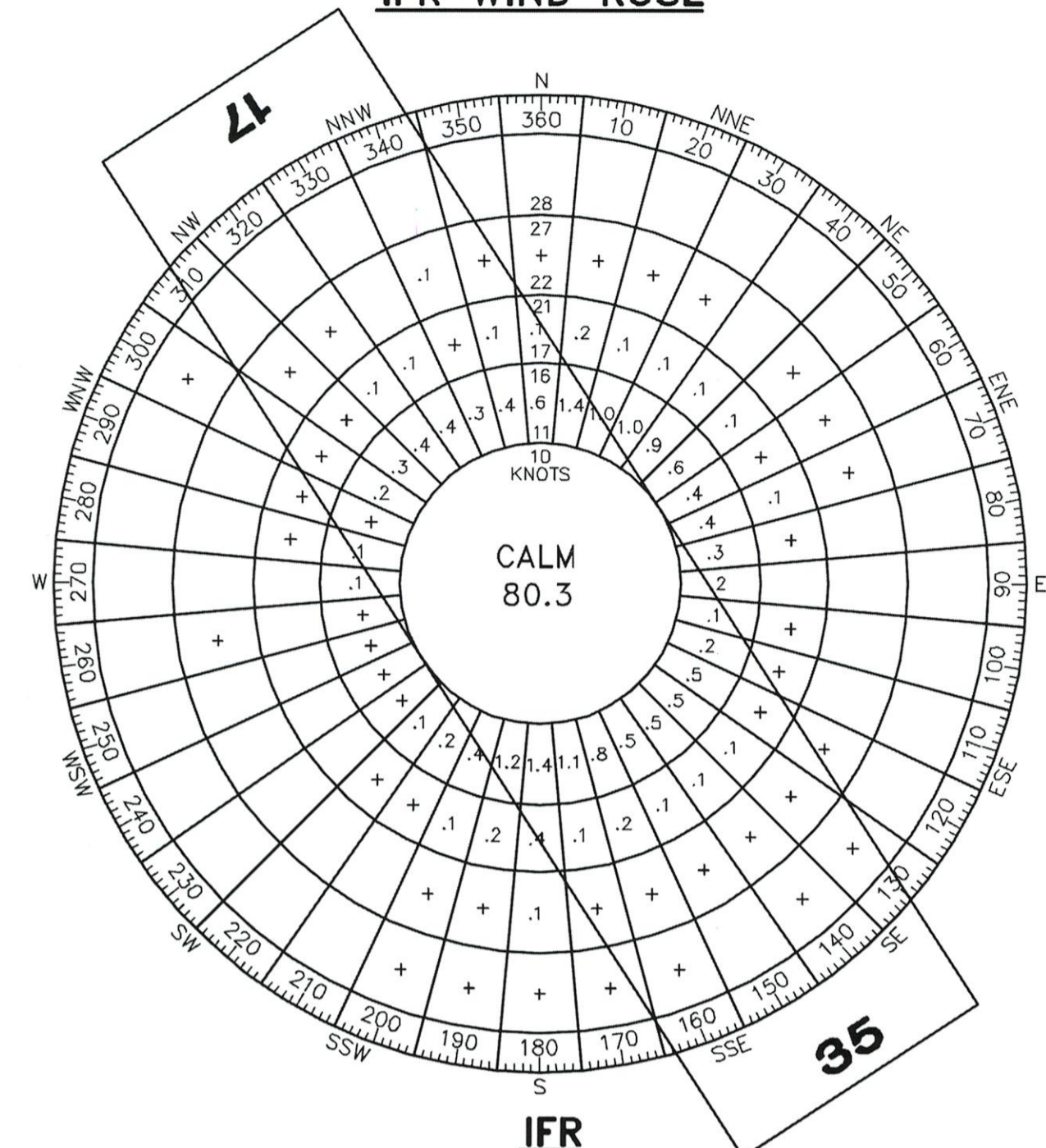
DESIGNED BY	DRAWN BY	CHECKED BY
DATE: February, 2009	SCALE:	07/10
REVISIONS	DESCRIPTION	DATE

PROJ. No.: 390401
FILE NAME:
AIP No.:
DRAWING NO. **3**
SHEET 3 OF 9

LAST PLOTTED BY: MRS. DAVE W. ON August 4, 2010
PLOT TITLE: IPR-CTRL PAGE SETUP
LAST SAVED BY: DWM ON August 4, 2010
C:\Users\dave\Documents\IPR-CTRL-4168.dwg

NOTES: 1. SEE SHEET 4 (ALP DATA SHEET) OF MASTER PLAN SET FOR WIND DATA AND AIRPORT DESIGN CRITERIA.
AGL = ABOVE GROUND LEVEL

IFR WIND ROSE

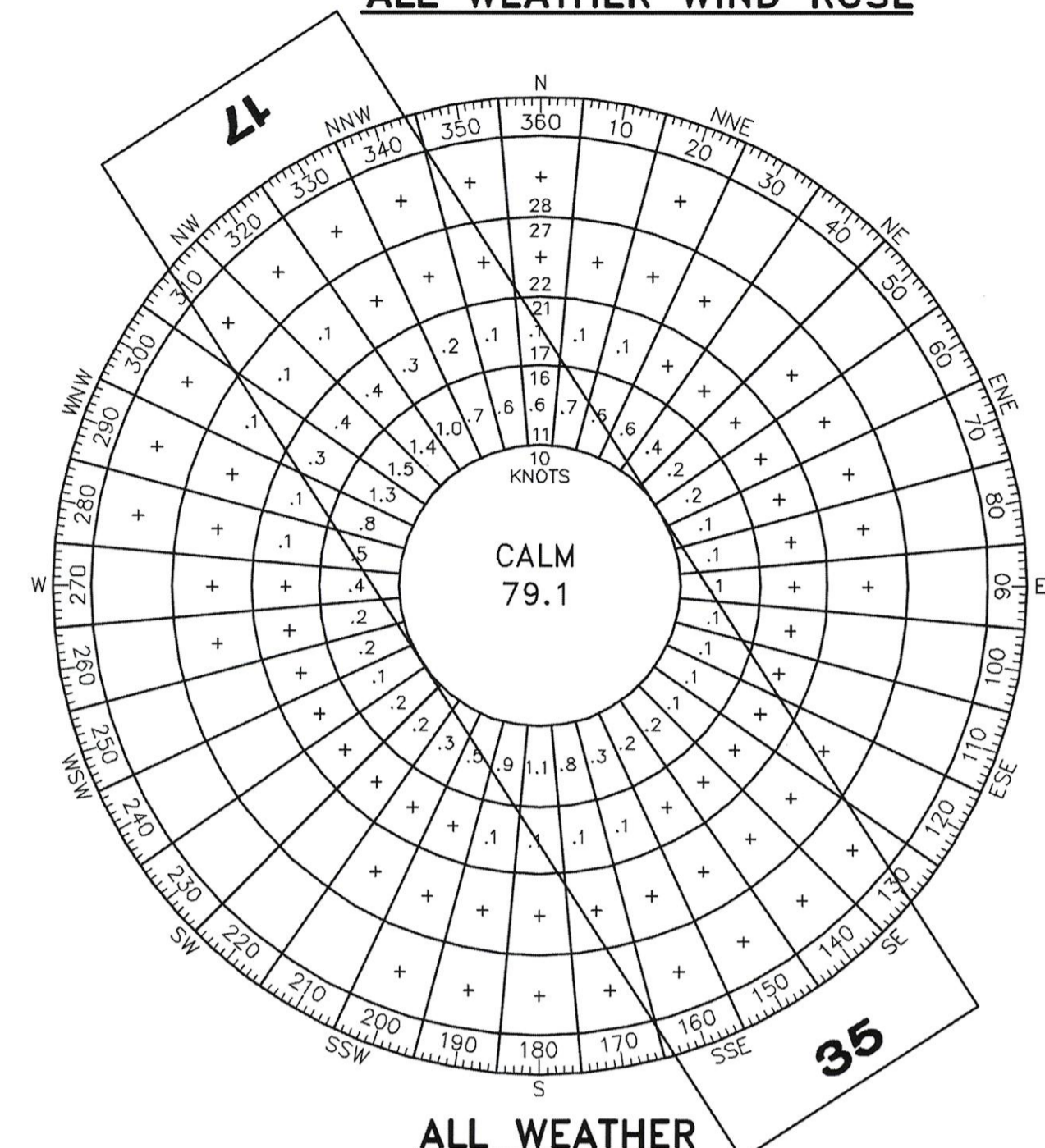


IFR WIND DATA SUMMARY

CROSSWIND COMPONENT (KNOTS)	R/W 17-35
10.5	93.14%

STATION: BANGOR, ME #72608
 SOURCE: NATIONAL CLIMATIC DATA CENTER/NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 PERIOD OF OBSERVATION: 1991-2000
 OBSERVATIONS: 10,506

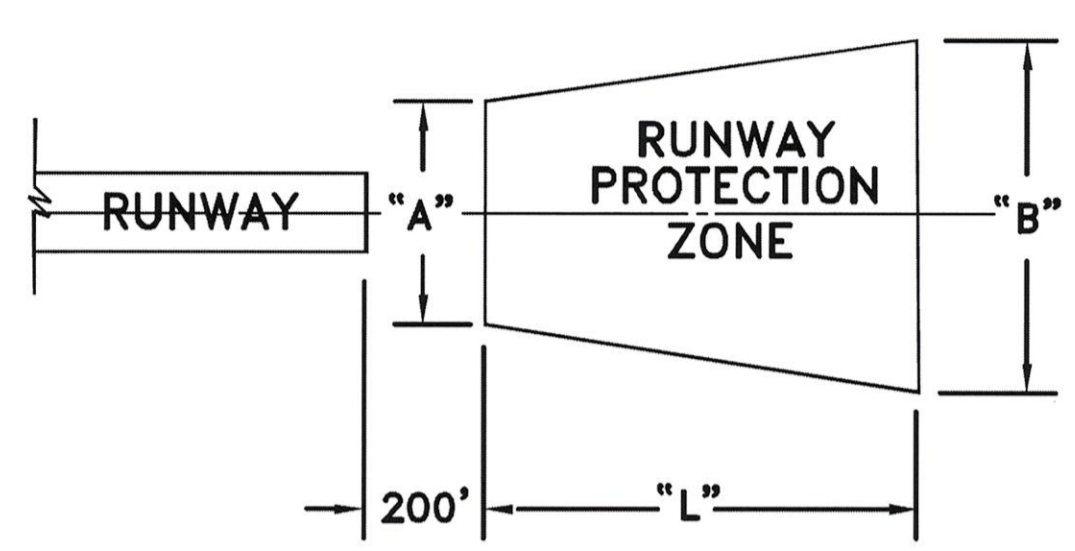
ALL WEATHER WIND ROSE



ALL WEATHER WIND DATA SUMMARY

CROSSWIND COMPONENT (KNOTS)	R/W 17-35
10.5	94.84%

STATION: BANGOR, ME #72608
 SOURCE: NATIONAL CLIMATIC DATA CENTER/NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 PERIOD OF OBSERVATION: 1991-2000
 OBSERVATIONS: 82,118



APPROACH SLOPE DATA

	RUNWAY	CATEGORY	APPROACH SLOPE
FUTURE	17	NON PRECISION	20:1
	35	VISUAL	20:1
EXISTING	17	NON PRECISION	20:1
	35	VISUAL	14:1

RUNWAY PROTECTION ZONE DATA

	RUNWAY	CATEGORY	"L"	"A"	"B"
FUTURE	17	NON PRECISION	1,000'	250'	450'
	35	NON PRECISION	1,000'	250'	450'
EXISTING	17	NON PRECISION	1,000'	250'	450'
	35	NON PRECISION	1,000'	250'	450'

AIRPORT DESIGN CRITERIA: B-I (SMALL AIRCRAFT EXCLUSIVELY)

DESIGN ELEMENT	REQUIRED B-I DESIGN CRITERIA (IN FEET)	RUNWAY 17-35		RUNWAY 6W-24W	
		EXISTING	FUTURE	EXISTING	FUTURE
RUNWAY PROTECTION ZONE: (RPZ) VISUAL AND APPROACH VISIBILITY MINIMUMS NOT LOWER THAN 1-MILE FOR SMALL AIRCRAFT EXCLUSIVELY					
LENGTH	1,000'	1,000'	SAME	N/A	N/A
INNER WIDTH	250'	250'	SAME	N/A	N/A
OUTER WIDTH	450'	450'	SAME	N/A	N/A
RUNWAY:					
LENGTH	*	2,804'	3,000'	5,000'	SAME
WIDTH	60'	75'	SAME	500'	SAME
RUNWAY SAFETY AREA: (RSA)					
LENGTH BEYOND RUNWAY END	240'	RUNWAY 17-240' RUNWAY 35-240'	SAME	N/A	N/A
WIDTH	120'	120'	SAME	N/A	N/A
RUNWAY OBSTACLE FREE ZONE: (OFZ)					
LENGTH BEYOND RUNWAY END	200'	RUNWAY 17-200' RUNWAY 35-200'	SAME	N/A	N/A
WIDTH	250'	250'	SAME	N/A	N/A
RUNWAY OBJECT FREE AREA: (OFA)					
LENGTH BEYOND RUNWAY END	240'	RUNWAY 17-240' RUNWAY 35-240'	SAME	N/A	N/A
WIDTH	250'	250'	SAME	N/A	N/A
TAXIWAY/TAXILANE:					
WIDTH	25'	RUNWAY 17-41' RUNWAY 35-31'	SAME	N/A	N/A
TAXIWAY SAFETY AREA (TSA) WIDTH	49'	49'	SAME	N/A	N/A
TAXIWAY OBJECT FREE AREA (OFA) WIDTH	89'	89'	SAME	N/A	N/A
TAXILANE OBJECT FREE AREA WIDTH	79'	79'	SAME	N/A	N/A
RUNWAY SEPARATION STANDARDS: FOR AIRCRAFT APPROACH CATEGORIES A & B FOR VISUAL RUNWAYS AND RUNWAYS WITH NOT LOWER THAN 3/4-STATUTE MILE APPROACH VISIBILITY MINIMUMS					
RUNWAY CENTERLINE TO TAXIWAY/TAXILANE CENTERLINE	150'	150'	150'	N/A	N/A
RUNWAY CENTERLINE TO AIRCRAFT PARKING AREA	125'	125'	125'	N/A	N/A
TAXIWAY/TAXILANE SEPARATION STANDARDS:					
TAXIWAY CENTERLINE TO PARALLEL TAXIWAY/TAXILANE CENTERLINE	69'	69'	N/A	N/A	N/A
TAXIWAY CENTERLINE TO A FIXED OR MOVEABLE OBJECT	44.5'	44.5'	SAME	N/A	N/A
TAXILANE CENTERLINE TO PARALLEL TAXILANE CENTERLINE	64'	64'	N/A	N/A	N/A
TAXILANE CENTERLINE TO A FIXED OR MOVEABLE OBJECT	39.5'	39.5'	SAME	N/A	N/A

* SEE 2002 LINCOLN REGIONAL AIRPORT MASTER PLAN UPDATE.

PROPERTY ABUTTER - TOWN OF LINCOLN

PARCEL NUMBER	GRANTOR	GRANTEE	RECORDED	BOOK & PAGE	ACQUISITION	ACREAGE	REMARKS
12	Lincoln Airport Owner's Assoc.	Town of Lincoln	Air Easement	3057/141	9/1974	2.10	Purchased Under FAA 7-23-0027-02
13	Libbey	Town of Lincoln	Air Easement	3057/165	9/1974	0.90	Purchased Under FAA 7-23-0027-02
14	Arthur Hurd	Town of Lincoln	Air Easement	2154/852	1/1976	1.90	Purchased Under FAA 7-23-0027-02
15	Walter Goding	Town of Lincoln	Air Easement	2154/852	11/1974	3.80	Purchased Under FAA 7-23-0027-02
16	Graham	Town of Lincoln	Air Easement	2154/852	9/1974	0.70	Purchased Under FAA 7-23-0027-02
17	Perkins	Town of Lincoln	Air Easement	2154/852	9/1974	0.20	Purchased Under FAA 7-23-0027-02
18	Smart	Town of Lincoln	Air Easement	2154/852	11/1974	3.00	Purchased Under FAA 7-23-0027-02
19	Edwards	Town of Lincoln	Air Easement	2154/852	9/1974	44.00	Purchased Under FAA 7-23-0027-02
20	Edwards	Town of Lincoln	Air Easement	2154/852	9/1974	30.60	Purchased Under FAA 7-23-0027-02
21	Nelson	Town of Lincoln	Air Easement	2154/852	9/1974	2.00	Purchased Under FAA 7-23-0027-02
23	A & S Motors	Town of Lincoln	Air Easement	2154/852	9/1974	2.60	Purchased Under FAA 7-23-0027-02
24	John Powers	Town of Lincoln	Air Easement	2154/852	9/1974	1.00	Purchased Under FAA 7-23-0027-02
25	John Powers	Town of Lincoln	Air Easement	1710/173	11/1959	0.47	Air Easement # 3057-137
26	Arthur Hurd	Town of Lincoln	Air Easement	2214/590	8/1970	3.00	Air Easement # 3057-121
27	Lincoln Airport Owner's Assoc.	Town of Lincoln	Air Easement	2344/212	3/1973	3.70	Air Easement # 3057-141
28	John, George & Timothy Edwards	Town of Lincoln	Air Easement	2446/79	1/1974	3.31	Air Easement # 3057-111
30	John, George & Timothy Edwards	Town of Lincoln	Air Easement	2246/79	1/1974	29.00	Air Easement # 3057-111
31	Town of Lincoln	Town of Lincoln	Air Easement	2482/29	6/1974	54.60	Airport Property
32	Walter Goding	Town of Lincoln	Air Easement	2154/852	9/1974	2.60	
33	John Edwards	Town of Lincoln	Air Easement	2618/93	12/1975	64.65	Air Easement #3057-111
34	Arthur Hurd	Town of Lincoln	Air Easement	2628/298	3/1976	1.07	Air Easement # 3057-111
35	The Lincoln Company	Town of Lincoln	Air Easement	3057/68	8/1979	5.50	Air Easement # 3057-126
36	George Edwards	Town of Lincoln	Air Easement	4569/206	11/1989	18.86	Air Easement # 3057-111
37	John Edwards	Town of Lincoln	Air Easement	4569/208	11/1989	61.70	Air Easement # 3057-111
38	Riverside Aviation, McFalls & Bouchard	Town of Lincoln	Air Easement	4741/24	10/1990	3.50	Air Easement # 3057-111
39	James, Jill & John Shaefer	Town of Lincoln	Air Easement	5237/167	12/1992	2.57	Lots 11 & 11A Air Easement # 3057-131
40	Harry & Jolene Maynard	Town of Lincoln	Air Easement	5751/170	11/1994	0.70	Air Easement # 3057-137
41	Ronald Carvalho	Town of Lincoln	Air Easement	5831/357	5/1995	1.83	
42	Morrison Chev. Geo	Town of Lincoln	Air Easement	5856/110	5/1995	3.70	Air Easement # 3057-141
43	Jason Bouchard	Town of Lincoln	Air Easement	6844/29	9/1998		Air Easement # 3057-111
44	Fineline	Town of Lincoln	Air Easement	7107/108	7/1999	7.00	Air Easement # 3057-159
45	Fineline	Town of Lincoln	Air Easement	7175/312	11/2001	1.50	

PROPERTIES W/AVIGATION EASEMENTS

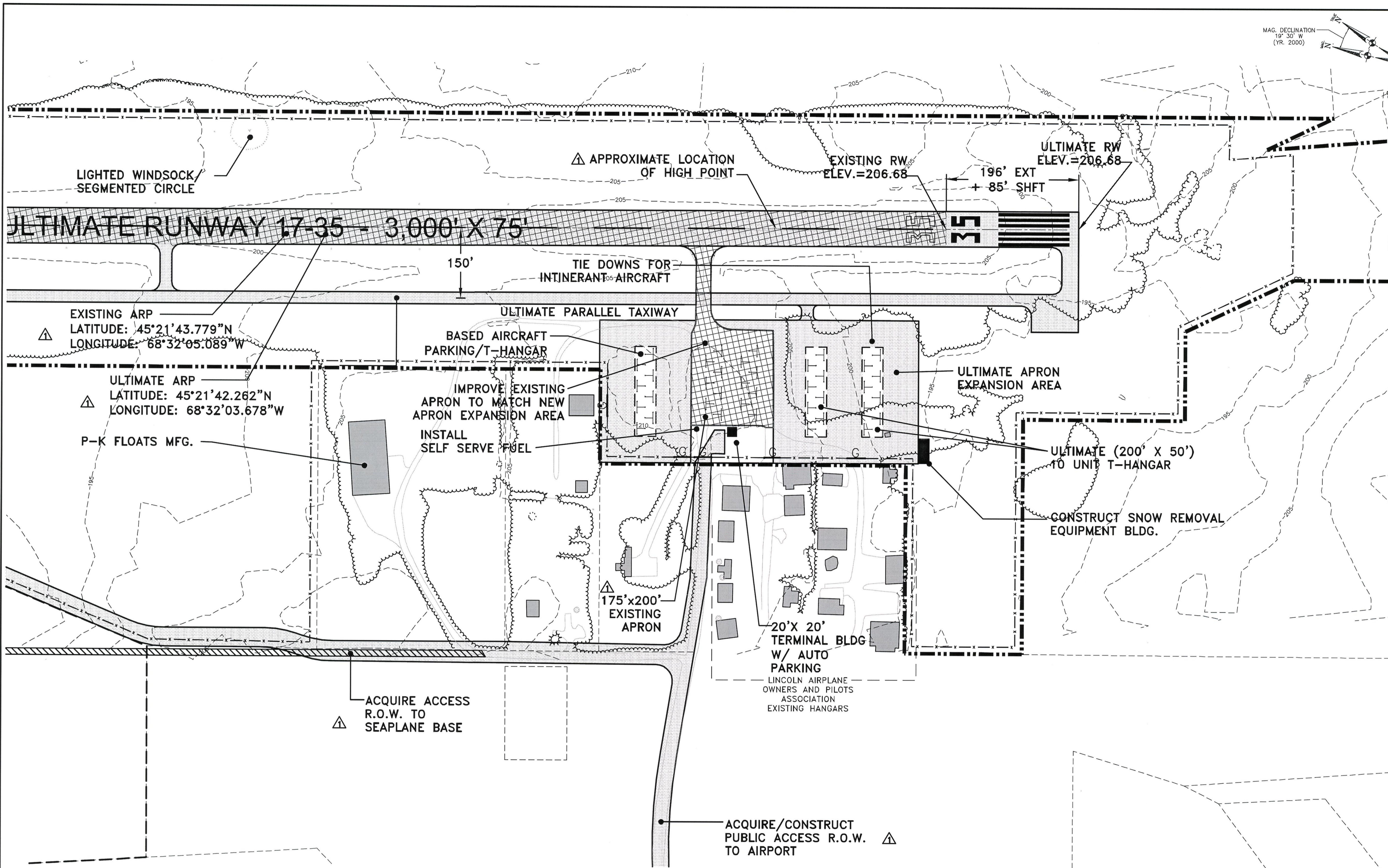
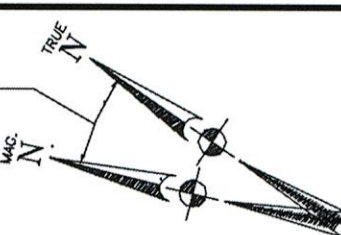
LAST PLOTTED BY: NARD, DAVE W. ON: July 28, 2009
 ROUTE: IPR-SCALE PAGE SETUP

LAST SAVED BY: DWI ON: July 28, 2009

H:\LINCOLN\CONTRACT\LINCOLN\ALP

H:\390401\Drawings\390401_23\44.dwg

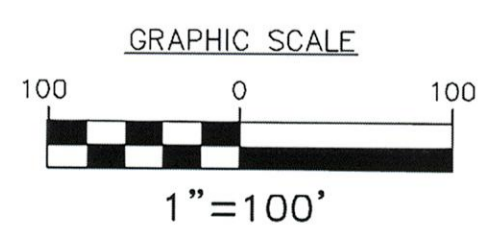
MAG. DECLINATION
19° 30' W
(YR. 2000)



LAST PLOTTED BY: MIRD, DAVE W. ON: 07/28/2010
PLOT TITLE: PMA-PCRE PAGE SETUP

LAST SAVED BY: DWH ON: 07/28/2010

PA 330001(0)01 CONTRACT/INTERIM/ALING



LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PAVEMENT EDGE		ULTIMATE TERMINAL AREA DEVELOPMENT
	RUNWAY CENTERLINE		EXISTING PAVEMENT
	AIRPORT PROPERTY LINE		PROPOSED PAVED TIE DOWN
	SECURITY FENCING		
	EXISTING BUILDING		
	ULTIMATE STRUCTURE		

150 Dow Street
Manchester, NH 03101-1227
Tel 603-669-5555
Fax 603-669-4168
Web Page: www.hoyletanner.com
Hoyle, Tanner & Associates © 2008

Hoyle, Tanner & Associates, Inc.

LINCOLN REGIONAL AIRPORT
MASTER PLAN UPDATE

TERMINAL AREA PLAN

DATE: February, 2009

SCALE:

REV. NO.	DATE	DESCRIPTION	BY
1			
2			
3			

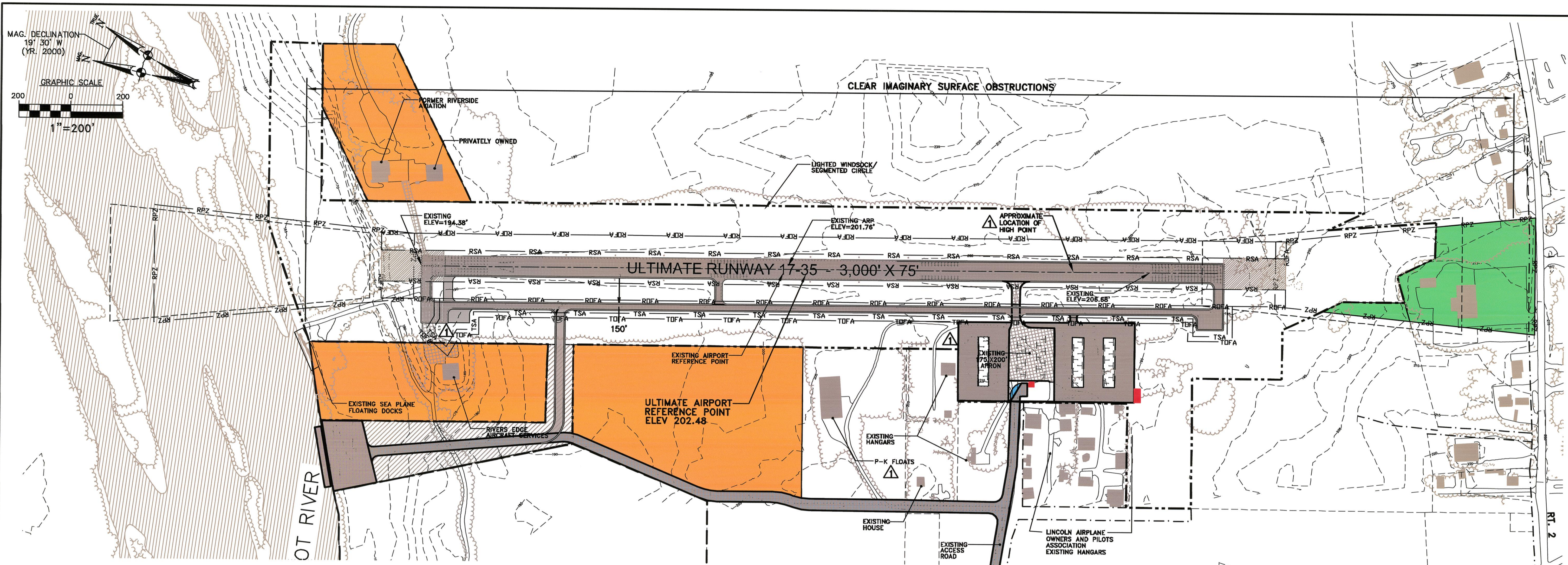
CORRECTIONS/REVISIONS PER REVIEW COMMENTS: DWH 07/10

PROJ. No.: 390401
FILE NAME:

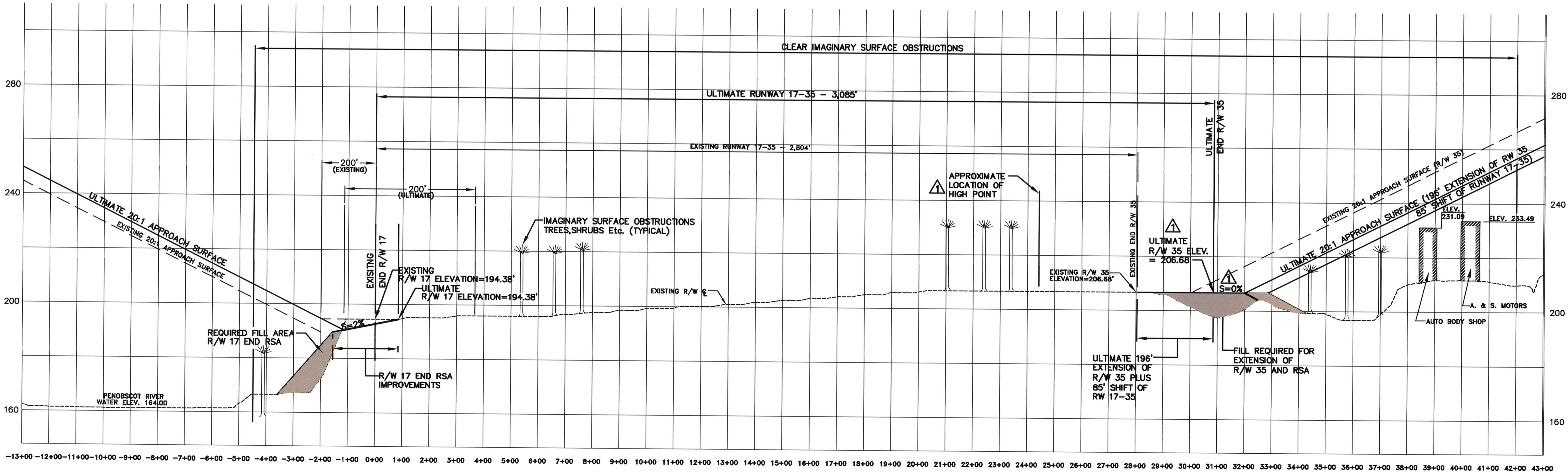
AIP No.:

DRAWING NO.

5



PLAN VIEW
SCALE: 1"=200'



PROFILE
SCALE: 1"=200' HORIZ
1"=20' VERT.

H:\PROJECTS\CONTRACTS\390401\PROFILES
 LAST PLOTTED BY: KIM DAVIS ON August 4, 2010
 PLOTFILE: 390401.PLS

ENGINEER'S SEAL

150 Dow Street
Manchester, NH 03101-1227
Tel 603-669-5555
Fax 603-669-4168
Web Page: www.hoyletanner.com

Hoyle, Tanner & Associates, Inc.

DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____

DATE: February, 2009

SCALE: _____

LINCOLN REGIONAL AIRPORT
MASTER PLAN UPDATE

**RUNWAY 17-35
PLAN & PROFILE**

REV.	DATE	DESCRIPTION	BY

07/10 CORRECTIONS/REVISIONS PER REVIEW COMMENTS DWH
DO NOT SCALE DRAWING

PROJ. No.: 390401
FILE NAME:
AIP No.:

DRAWING NO. **6**

SHEET 6 OF 9

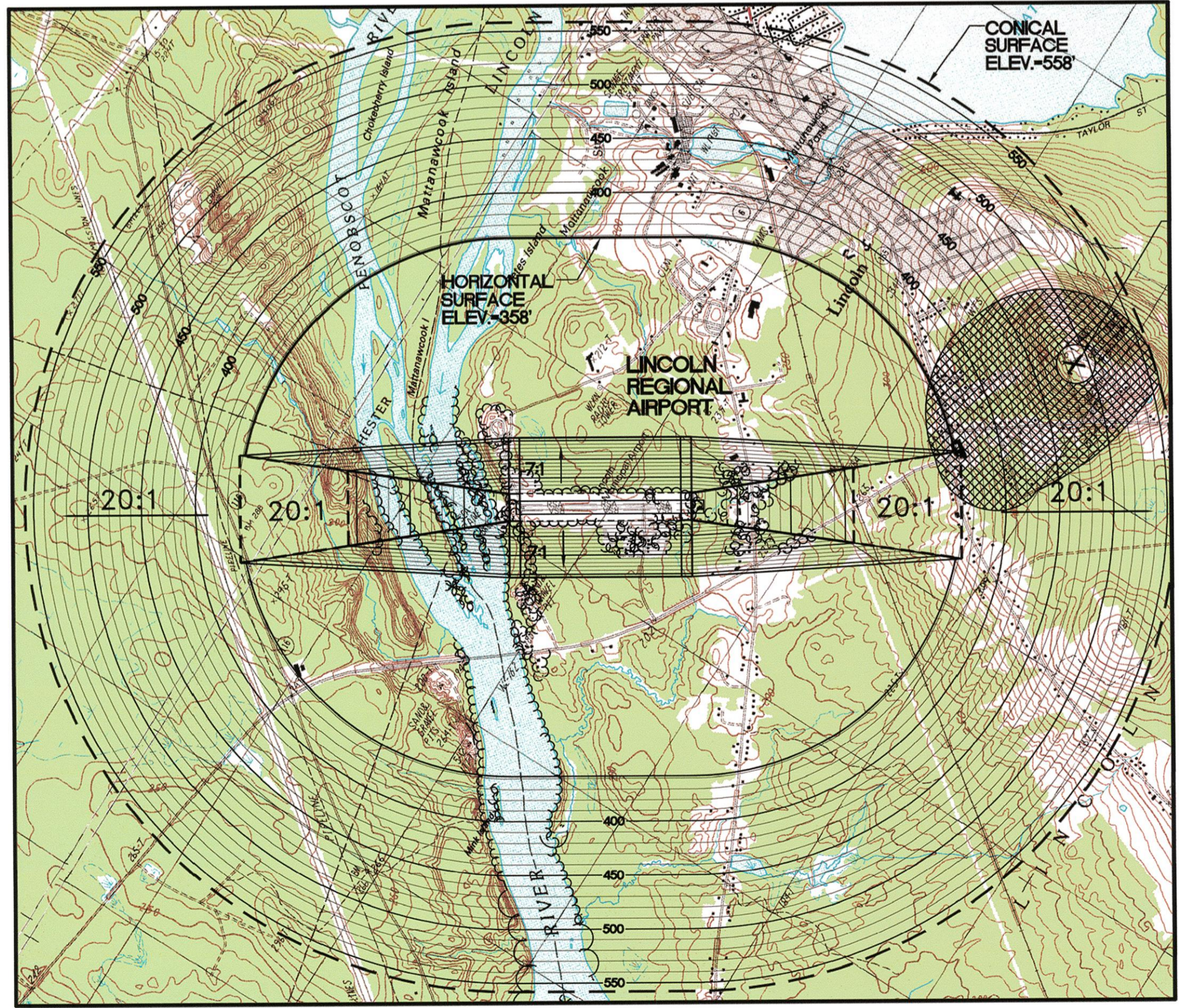
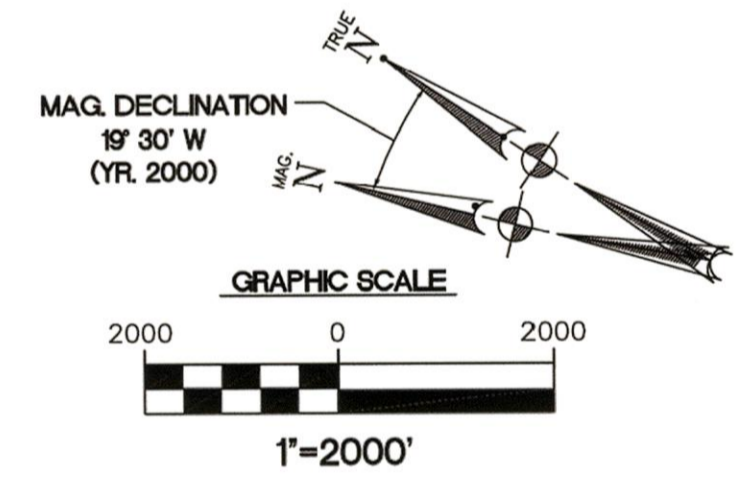
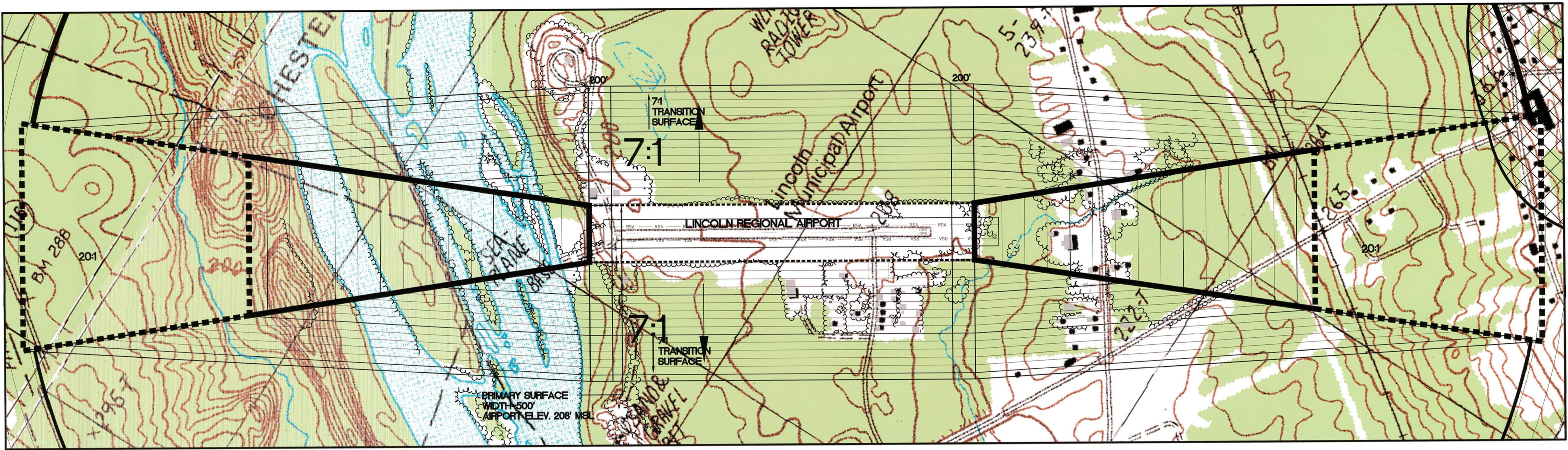
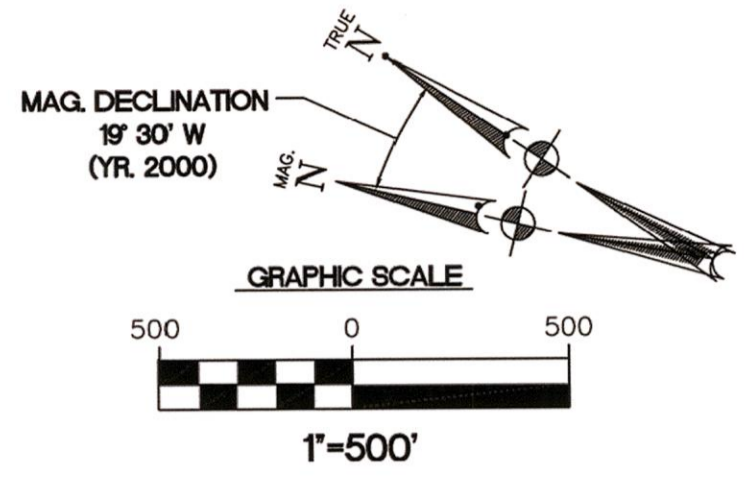
150 Dow Street
 Manchester, NH 03101-1227
 Tel 603-669-5555
 Fax 603-669-4168
 Web Page: www.hoyletanner.com
 Hoyle, Tanner & Associates © 2009

Hoyle, Tanner & Associates, Inc.

LINCOLN REGIONAL AIRPORT
 MASTER PLAN UPDATE
FAR PART 77 AIRSPACE SURFACES
 DATE: February, 2009

REV. NO.	DATE	DESCRIPTION	BY

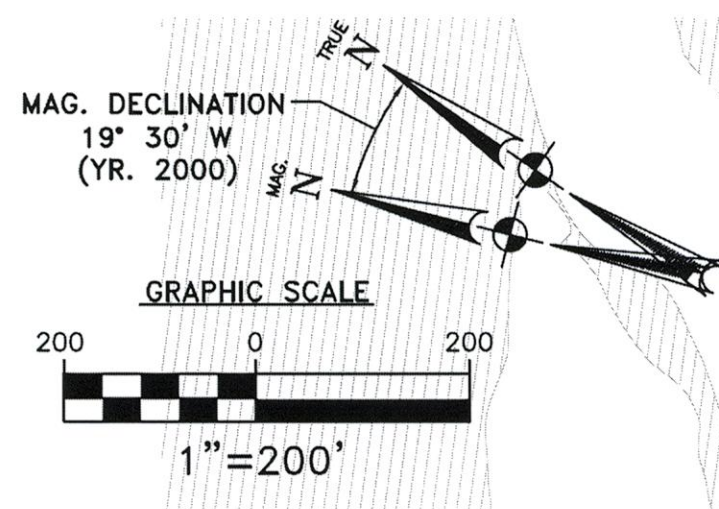
PROJ. No.: 390401
 FILE NAME: LCNPART77
 AIP No.:
 DRAWING NO.
7
 SHEET 7 OF 9



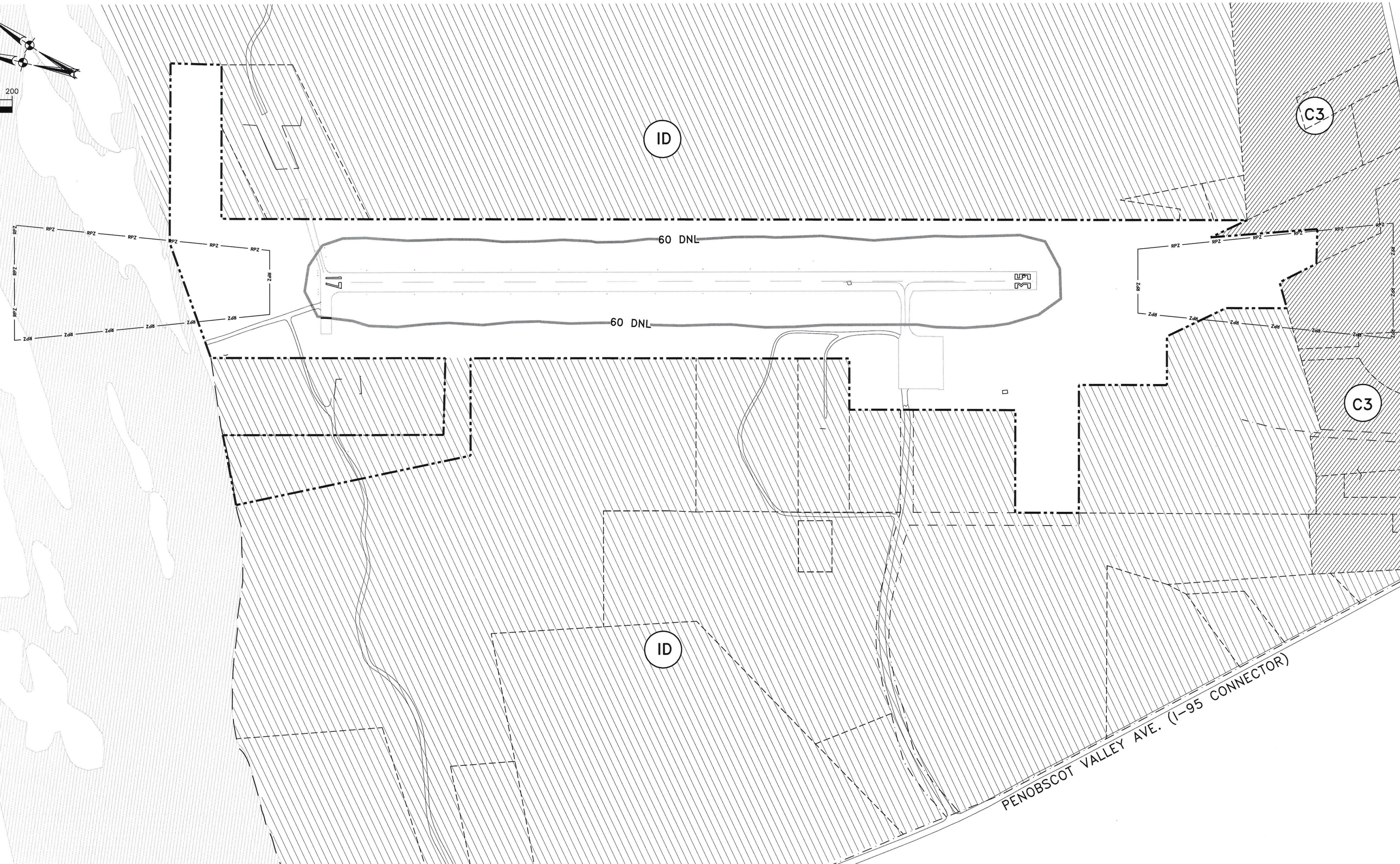
PART 77 AIRSPACE SURFACES		
AIRPORT IMAGINARY SURFACE	RUNWAY 17	RUNWAY 35
CLASSIFICATION	UTILITY	UTILITY
APPROACH	NON-PRECISION	VISUAL
VISIBILITY MINIMUMS	1/4 MILE	1/4 MILE
AIRPORT ELEVATION	208' ABOVE MSL	
HORIZONTAL SURFACE:		
HORIZONTAL SURFACE ELEVATION	358'	358'
HORIZONTAL SURFACE RADIUS	5,000'	5,000'
CONICAL SURFACE:		
HORIZONTAL DISTANCE	4,000'	4,000'
SLOPE	20:1	20:1
PRIMARY SURFACE:		
LENGTH BEYOND RUNWAY END	200'	200'
WIDTH	500'	500'
APPROACH SURFACE:		
INNER EDGE WIDTH	500'	500'
OUTER EDGE WIDTH	2,000'	2,000'
HORIZONTAL DISTANCE	5,000'	5,000'
SLOPE	20:1	20:1
TRANSITIONAL SURFACE:	7:1	7:1

LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—	EXISTING ROADS	□	APPROACH SURFACE ABOVE HORIZONTAL SURFACE ELEVATION
- - - -	EXISTING DIRT/4WD ROAD	▭	APPROACH SURFACE
—	LINCOLN REGIONAL AIRPORT PROPERTY LINE	■	SURFACE OBSTRUCTIONS
—	CONICAL SURFACE	□	PRIMARY SURFACE
—	HORIZONTAL SURFACE		
- - - -	SURFACE ELEVATION CONTOUR		
—	EXISTING TREE LINE		

LAST PLOTTED BY: STANISH, DONALD D. ON: February 12, 2009
 LAST SAVED BY: DSS ON: February 12, 2009
 H:\390401\DWG\CONTRACT\04PART77.DWG
 H:\390401\DWG\CONTRACT\04PART77.DWG
 H:\390401\DWG\CONTRACT\04PART77.DWG
 H:\390401\DWG\CONTRACT\04PART77.DWG



LAST PLOTTED BY: HATSU, DATE: W, ON: JULY 20, 2010
 LAST SAVED BY: RHM, ON: JULY 20, 2010
 H:\PROJECTS\LINCOLN\CONTRACT\CON\INDUS2.DWG



LEGEND	
SYMBOL	DESCRIPTION
	PAVEMENT EDGE
	AIRPORT PROPERTY LINE
	AIRPORT ABUTTING LINE
	DNL NOISE CONTOUR
	ZONED FOR "INDUSTRIAL"
	* ZONED FOR "COMMERCIAL 3"

* BASED ON INFORMATION PROVIDED BY THE TOWN OF LINCOLN

ENGINEER'S SEAL

150 Dow Street
 Manchester, NH 03101-1227
 Tel 603-669-5555
 Fax 603-669-4168
 Web Page: www.hoyletanner.com
 Hoyle Tanner & Associates © 2008

HoyleTanner & Associates, Inc.

LINCOLN REGIONAL AIRPORT
 MASTER PLAN UPDATE

LAND USE PLAN

DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____

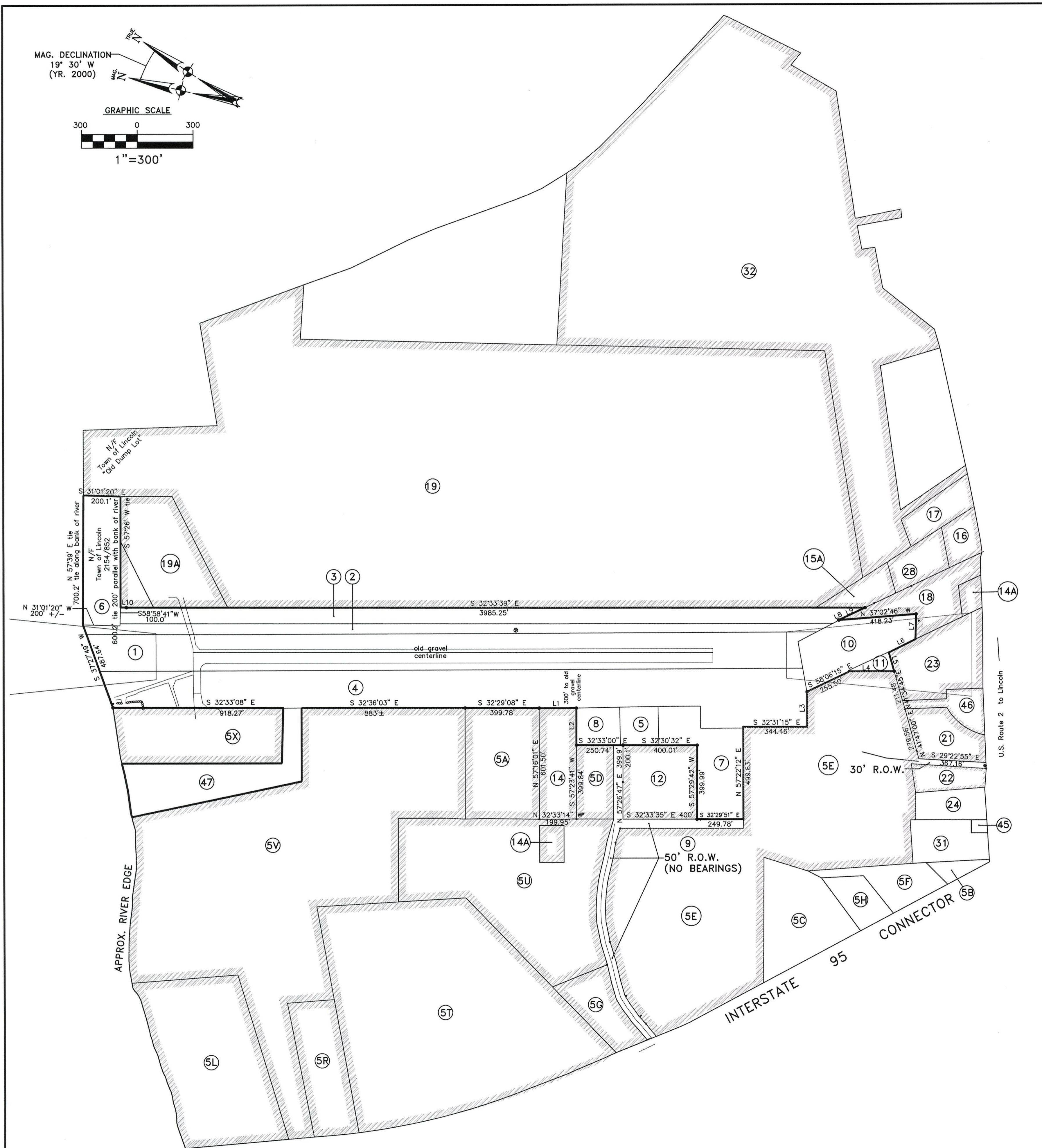
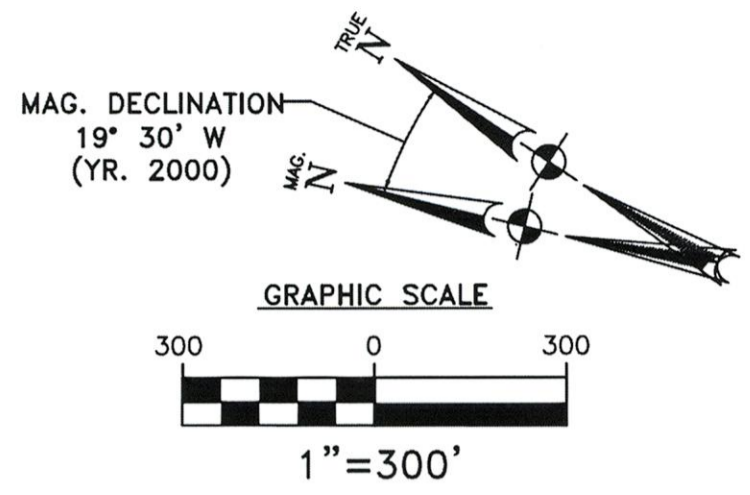
DATE: February, 2009

SCALE: _____

REV. NO.	DATE	DESCRIPTION	BY

DO NOT SCALE DRAWING

PROJ. No.: 390401
 FILE NAME: _____
 AIP No.: _____
 DRAWING NO.
8
 SHEET 8 OF 9



PROPERTY RECORD NOTES & REFERENCES

- NOTES:
- Bearings are based on Maine State Coordinate System Grid North and tied to NGS monuments "Arp Lin" and "Runway".
 - Properties along the Westerly lines of the Airport were based on the "center line of solid runway, as presently laid out..." (i.e. B 2214 P 590, August 28, 1970). Since that time, the gravel runway was paved and the center line was moved westerly. The location of the 1970 runway centerline shown on this plat is based on field evidence found.
 - The description in Book 5856 Page 112 substantially agrees with Reference #1. The courses of two lines in Book 7107 Page 108 differ from Reference #1. However, said deed calls for iron pipes that were located on Reference #1. The iron pipes in their original location control. It is assumed that the pipes are in the original location.
 - There is an overlap in descriptions at the airport's most northerly corner. In 1957, B 2154 P 852, Edwards conveyed a strip of land to the Town of Lincoln. Based on field evidence along this line including the most southeasterly corner of the Bouchard parcel, the description and first 5/8" rebar called for in the 1998 quit claim deed from Edwards to Bouchard overlap over the Town of Lincoln Land. The 1957 deed is senior and controls.
 - There is another overlap in descriptions at the Graham/Airport boundary near the Airport southeasterly corner. The 1971 Airport deed from Edwards to the Town of Lincoln is senior to the 1997 Quit Claim deed from Edwards to Graham.
 - This property and abutting properties are subject to Air Navigation Easements. See Reference #3.
 - Information on this plan is based on a May 2002 field survey and record search, Little River Survey Co., Route 100, Stowe VT. 05662. Ph: (802)-253-8214
 - Bearings are to the nearest second and distances to the nearest hundredth for calculation purposes.

SHORT SEGMENTS

NUMBER	DISTANCE	DIRECTION
L1	200.03'	S 32°35'35" E
L2	200.00'	S 57°24'00" W
L3	189.64'	N 57°22'25" E
L4	239.17'	S 32°33'33" E
L5	105.10'	N 41°31'44" E
L6	160.90'	S 59°09'29" E
L7	135.99'	N 58°44'35" E
L8	32.03'	S 57°54'32" E
L9	125.30'	S 57°55'08" E
L10	31.34'	N 31°01'20" W
L11	100.67'	S 57°14'31" W
L12	200.00'	N 32°33'35" W

NOTES:
NUMBERS L11, & L12 ARE NOT DEPICTED IN DRAWING.
CHART SUPPLIED BY LITTLE RIVER SURVEY CO.

- REFERENCES:
- Survey Plan of Two Lots for Sterling Osgood, Fineline, Inc., on Route Two or West Broadway in Lincoln, Penobscot County, Maine, by James H. Harris, PLS # 1168, June 7, 2000
 - Lincoln Regional Airport, prepared for Town of Lincoln, Exhibit A, by DeLuca-Hoffman Associates, Inc., August 17, 1993, job no. 641
 - Map Showing Easement Areas for the Lincoln Regional Airport for Town of Lincoln, Penobscot County, Maine, by Andrews & Lane, Inc., September 30, 1974, Map File #353
 - Subdivision Plan for George Edwards et al on Route 2, Lincoln, Penobscot County, Maine, by Lane Associates, January 26, 1978, Map File #D10-78
 - Plan of Lot owned by Lincoln Airplane Owners and Pilots Association, Inc., at Lincoln Regional Airport, Lincoln, Penobscot County, Maine, by Stuart Lane, January 11, 1979, Map File #C-81-80
 - Final Plan for Edward Brothers Industrial Properties I, Lincoln, Penobscot County, Maine, by Elgin Turner, November 22, 1989, Map File #C-23-89
 - Sketch Plan Showing Proposed hangar Location for Arthur Hurd, Lincoln, Penobscot County, Maine, by Elgin Turner, July 3, 1975, sealed by Philip R. Andrews, P.S.
 - Book 7212 Page 116, Plan Showing Underground Powerline

NOTE:
AIRPORT PROPERTY BOUNDARY, BEARINGS AND DISTANCES WERE PROVIDED BY LITTLE RIVER SURVEY CO. THE "PROPERTY LINE AS PURCHASED", "RIGHT OF WAY LINES", AND "AVIGATION EASEMENT PARCEL LINES" ARE GRAPHIC REPRESENTATION ONLY, PER TOWN OF LINCOLN TAX MAPS.

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—	EXISTING AIRPORT PROPERTY LINE	—	RUNWAY CENTERLINE
—	AVIGATION EASEMENT PARCEL LINES	—	FORMER GRAVEL RUNWAY CENTERLINE
—	EXISTING RIGHT OF WAY	Ⓢ	PROPERTY LINE AS PARCEL PURCHASED
—	EDGE OF PAVEMENT	Ⓢ	KEY #
2154/853	BOOK/PAGE	Ⓢ	5/8" IRON ROD SET WITH MAINE L.S. #1011 CAP
		● IRF #1168	IRON ROD FOUND, MAINE L.S. #___CAP

PROPERTY INTEREST AND HISTORY TABLE

PARCEL NUMBER	ACQUISITION	GRANTOR	GRANTEE	RECORDED	BOOK & PAGE	ACREAGE	REMARKS
32	Feb-59	George Edwards & Paul Corro	Town of Lincoln	Air Easement	3057/111	2.60	Purchased Under FAA 7-23-0027-02
24	Nov-59	John S. Powers	Town of Lincoln	*Warranty Deed	1710/173	0.10	Purchased Under FAA 7-23-0027-02
1	Feb-67	Marion, George E. & George L. Edwards, Paul Corro	Town of Lincoln	*Quit-Claim Deed	2154/852	17.80	Purchased Under FAA 7-23-0027-02
2	Feb-67	Marion, George E. & George L. Edwards, Paul Corro	Town of Lincoln	*Quit-Claim Deed	2154/852	4.50	Purchased Under FAA 7-23-0027-02
6	Feb-67	Marion, George E. & George L. Edwards, Paul Corro	Town of Lincoln	*Quit-Claim Deed	2154/852	3.20	Purchased Under FAA 7-23-0027-02
11	Feb-67	A & S Motors	Town of Lincoln	*Quit-Claim Deed	2154/852	0.40	Purchased Under FAA 7-23-0027-02
16	Apr-68	Eugene Graham	Town of Lincoln	Air Easement	3057/145	0.70	Purchased Under FAA 7-23-0027-02
5C	Aug-70	Thomas Sr., Thomas Jr., & Susan Tash	Town of Lincoln	Warranty Deed	4813/86	3.00	Purchased Under FAA 7-23-0027-02
14	Aug-70	Arthur Hurd	Town of Lincoln	Air Easement	3057/111	3.00	Purchased Under FAA 7-23-0027-02
3	Feb-71	Marion & George L. Edwards, Paul Corro	Town of Lincoln	*Warranty Deed	2239/32	9.20	Purchased Under FAA 7-23-0027-02
4	Feb-71	Marion & George L. Edwards, Paul Corro	Town of Lincoln	*Warranty Deed	2239/32	15.10	Purchased Under FAA 7-23-0027-02
5	Feb-71	Marion & George L. Edwards, Paul Corro	Town of Lincoln	*Warranty Deed	2239/32	0.90	Purchased Under FAA 7-23-0027-02
9	Feb-71	Marion & George L. Edwards, Paul Corro	Town of Lincoln	Air Easement	3057/111	1.20	Purchased Under FAA 7-23-0027-02
12	Jan-73	Lincoln Pilots Association	Town of Lincoln	Air Easement	3057/141	2.10	Purchased Under FAA 7-23-0027-02
17	Jun-73	Perkins	Town of Lincoln	Air Easement	3057/149	0.20	Purchased Under FAA 7-23-0027-02
5	Jan-74	John, Timothy & George L. Edwards	Town of Lincoln	Air Easement	3057/111	0.90	Purchased Under FAA 7-23-0027-02
15A	Jan-74	John, George & Timothy Edwards	Town of Lincoln	Air Easement	3057/111	3.31	Purchased Under FAA 7-23-0027-02
5E	Jan-74	John, George & Timothy Edwards	Town of Lincoln	Air Easement	3057/111	44.00	Purchased Under FAA 7-23-0027-02
7	Aug-74	John, Timothy & George L. Edwards	Town of Lincoln	*Warranty Deed	2482/27	4.04	Purchased Under FAA 7-23-0027-02
8	Aug-74	Eugene Libby	Town of Lincoln	*Warranty Deed	2482/29	0.90	Purchased Under FAA 7-23-0027-02
10	Aug-74	Smart	Town of Lincoln	*Warranty Deed	2482/25	4.10	Purchased Under FAA 7-23-0027-02
23	Sep-74	A & S Motors	Town of Lincoln	Air Easement	3057/153	2.60	Purchased Under FAA 7-23-0027-02
21	Sep-74	Nelson	Town of Lincoln	Air Easement	3057/131	0.55	Purchased Under FAA 7-23-0027-02
46	Sep-74	Nelson	Town of Lincoln	Air Easement	3057/131	2.00	Purchased Under FAA 7-23-0027-02
19	Nov-74	Smart and A & S Motors	Town of Lincoln	Air Easement	3057/153	3.00	Purchased Under FAA 7-23-0027-02
31	Nov-75	Philip Andrews	Town of Lincoln	Warranty Deed	2618/75	2.13	Purchased Under FAA 7-23-0027-02
5B	Mar-76	Dube's Lounge, Inc.	Town of Lincoln	Warranty Deed	6899/198	0.62	Purchased Under FAA 7-23-0027-02
14A	Mar-76	Arthur Hurd	Town of Lincoln	Air Easement	3057/121	1.90	Purchased Under FAA 7-23-0027-02
5A	Aug-79	Goding	Town of Lincoln	Air Easement	3057/111	3.80	Purchased Under FAA 7-23-0027-02
28	Aug-84	Edwards & Graham	Town of Lincoln	Air Easement	3057/111	3.31	Purchased Under FAA 7-23-0027-02
5L	Dec-85	Dale & Darlene Stanley	Town of Lincoln	Air Easement	3057/111	7.50	Purchased Under FAA 7-23-0027-02
5G	Jan-86	Goding	Town of Lincoln	Air Easement	3057/111	4.25	Purchased Under FAA 7-23-0027-02
5F	Aug-87	Thomas Sr. & Linda Tash	Town of Lincoln	Warranty Deed	4878/254	2.05	Purchased Under FAA 7-23-0027-02
5R	Nov-88	Edwin & Janice Helsor	Town of Lincoln	Air Easement	3057/111	1.80	Purchased Under FAA 7-23-0027-02
5V	Nov-89	John S. Edwards	Town of Lincoln	Air Easement	3057/111	61.70	Purchased Under FAA 7-23-0027-02
5U	Dec-89	George L. Edwards	Town of Lincoln	Air Easement	3057/111	18.86	Purchased Under FAA 7-23-0027-02
5T	Dec-89	Timothy Edwards	Town of Lincoln	Air Easement	3057/111	18.70	Purchased Under FAA 7-23-0027-02
19A	Oct-90	Riverside Aviation, McFalls & Bouchard	Town of Lincoln	Air Easement	3057/141	3.50	Purchased Under FAA 7-23-0027-02
5D	May-95	Eugene Libby	Town of Lincoln	Air Easement	3057/185	0.70	Purchased Under FAA 7-23-0027-02
5H	Oct-95	Charles & Catherine Gillmor	Town of Lincoln	Quick-claim Deed	5978/226	0.90	Purchased Under FAA 7-23-0027-02
45	Jan-96	Earl Smith	Town of Lincoln	Warranty Deed	6040/95	0.16	Purchased Under FAA 7-23-0027-02
5X	Oct-98	Jason Bouchard	Town of Lincoln	Air Easement	3057/111	5.91	Purchased Under FAA 7-23-0027-02
22	Nov-01	Fineline Inc.	Town of Lincoln	Air Easement	3057/149	0.17	Purchased Under FAA 7-23-0027-02
47	Apr-03	Edwards	Town of Lincoln	Quick-claim Deed	8717/168	4.60	Purchased Under FAA AIP

* = DEFINED CLEAR AND TRANSITION ZONES.

ENGINEER'S SEAL

150 Dow Street
Manchester, NH 03101-1227
Tel 603-669-5555
Fax 603-669-4168
Web Page: www.hoyletanner.com

Hoyle, Tanner & Associates, Inc.

LINCOLN REGIONAL AIRPORT
MASTER PLAN UPDATE
AIRPORT PROPERTY
MAP-EXHIBIT A

REV. NO.	DATE	DESCRIPTION

PROJ. No.: 390401
FILE NAME:

AIP No.:

DRAWING NO.

SHEET 9 OF 9

SCALE: DO NOT SCALE DRAWING

9



U.S. Department
of Transportation

**Federal Aviation
Administration**

New England Region

12 New England Executive Park
Burlington, Massachusetts 01803

October 19, 2010

David Lloyd
Town of Lincoln
63 Main Street
Lincoln, ME 04457

Dear Mr. Lloyd,

The Central Maine Airport of Norridgewock Airport Layout Plan (ALP) is approved and the master plan is accepted. A signed copy of the approved ALP is enclosed.

This ALP approval is conditioned on acknowledgement that any development on airport property requiring Federal environmental approval must receive such written approval from FAA prior to commencement of the subject development.

Approval of the plan does not indicate that the United States will participate in the cost of any development proposed. AIP funding requires evidence of eligibility and justification at the time a funding request is ripe for consideration. When construction of any proposed structure or development indicated on the plan is undertaken, such construction requires normal 45-day advance notification to FAA for review in accordance with applicable Federal Aviation Regulations (i.e., Parts 77, 157, 152, etc.). More notice is generally beneficial to ensure that all statutory, regulatory, technical and operational issues can be addressed in a timely manner.

Please attach this letter to the Airport Layout Plan and retain it in the airport. We wish you great success in your plans for the development of the airport.

Sincerely,


Ralph Nicosia-Rusin
Airport Capacity Program Manager
New England Region Airports Division