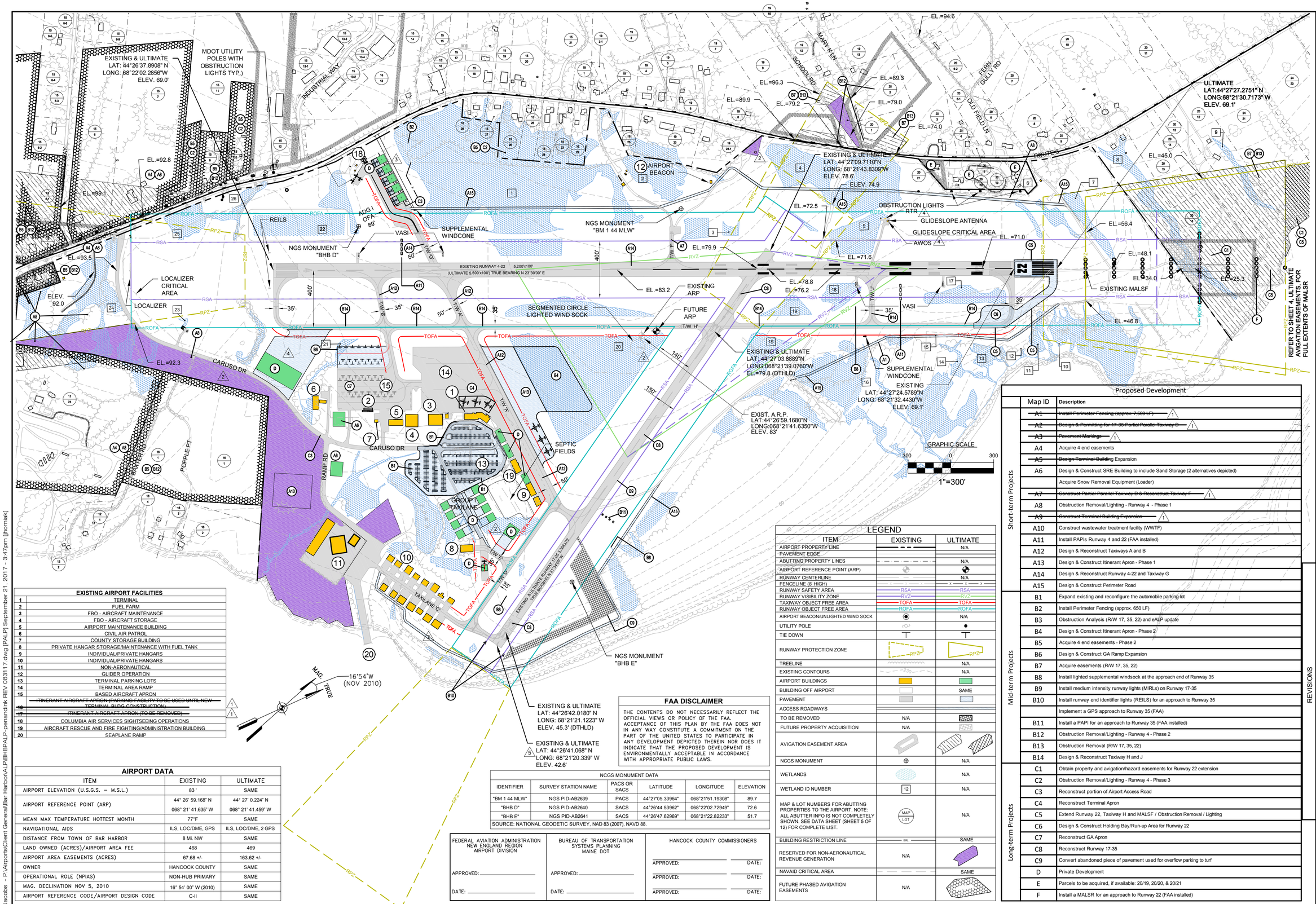

EXISTING AIRPORT FACILITIES

1	TERMINAL
2	FUEL FARM
3	FBO - AIRCRAFT MAINTENANCE
4	FBO - AIRCRAFT STORAGE
5	AIRPORT MAINTENANCE BUILDING
6	CIVIL AIR PATROL
7	COUNTY STORAGE BUILDING
8	PRIVATE HANGAR STORAGE/MAINTENANCE WITH FUEL TANK
9	INDIVIDUAL/PRIVATE HANGARS
10	INDIVIDUAL/PRIVATE HANGARS
11	NON-AERONAUTICAL
12	GLIDER OPERATION
13	TERMINAL PARKING LOTS
14	TERMINAL AREA RAMP
15	BASED AIRCRAFT APRON
16	~~ITINERANT AIRCRAFT APRON (PARKING FACILITY TO BE USED UNTIL NEW TERMINAL BLDG CONSTRUCTION)~~ 1
17	~~ITINERANT AIRCRAFT APRON (TO BE REMOVED)~~ 1
18	COLUMBIA AIR SERVICES SIGHTSEEING OPERATIONS
19	AIRCRAFT RESCUE AND FIRE FIGHTING/ADMINISTRATION BUILDING
20	SEAPLANE RAMP

AIRPORT DATA

ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION (U.S.G.S. – M.S.L.)	83'	SAME
AIRPORT REFERENCE POINT (ARP)	44° 26' 59.168" N 068° 21' 41.635" W	44° 27' 0.224" N 068° 21' 41.459" W
MEAN MAX TEMPERATURE HOTTEST MONTH	77°F	SAME
NAVIGATIONAL AIDS	ILS, LOC/DME, GPS	ILS, LOC/DME, 2 GPS
DISTANCE FROM TOWN OF BAR HARBOR	8 Mi. NW	SAME
LAND OWNED (ACRES)/AIRPORT AREA FEE	468	469
AIRPORT AREA EASEMENTS (ACRES)	67.68 +/-	163.62 +/-
OWNER	HANCOCK COUNTY	SAME
OPERATIONAL ROLE (NPIAS)	NON-HUB PRIMARY	SAME
MAG. DECLINATION NOV 5, 2010	16° 54' 00" W (2010)	SAME
AIRPORT REFERENCE CODE/AIRPORT DESIGN CODE	C-II	SAME

FAA DISCLAIMER

THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS PLAN BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

NCGS MONUMENT DATA

IDENTIFIER	SURVEY STATION NAME	PACS OR SACS	LATITUDE	LONGITUDE	ELEVATION
"BM 1 44 MLW"	NGS PID-AB2639	PACS	44°27'05.33964"	068°21'51.19308"	89.7
"BHB D"	NGS PID-AB2640	SACS	44°26'44.53962"	068°22'02.72949"	72.6
"BHB E"	NGS PID-AB2641	SACS	44°26'47.62969"	068°21'22.82233"	51.7

SOURCE: NATIONAL GEODETIC SURVEY, NAD 83 (2007), NAVD 88.

FEDERAL AVIATION ADMINISTRATION NEW ENGLAND REGION AIRPORT DIVISION	BUREAU OF TRANSPORTATION SYSTEMS PLANNING MAINE DOT	HANCOCK COUNTY COMMISSIONERS
APPROVED:	APPROVED:	APPROVED: DATE:
DATE:	DATE:	APPROVED: DATE:
		APPROVED: DATE:

LEGEND

ITEM	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		N/A
PAVEMENT EDGE		
ABUTTING PROPERTY LINES		N/A
AIRPORT REFERENCE POINT (ARP)		
RUNWAY CENTERLINE		N/A
FENCELINE (8' HIGH)		
RUNWAY SAFETY AREA	RSA	RSA
RUNWAY VISIBILITY ZONE	RVZ	RVZ
TAXIWAY OBJECT FREE AREA	TOFA	TOFA
RUNWAY OBJECT FREE AREA	ROFA	ROFA
AIRPORT BEACON/UNLIGHTED WIND SOCK		N/A
UTILITY POLE		
TIE DOWN		
RUNWAY PROTECTION ZONE	RPZ	RPZ
TREELINE		N/A
EXISTING CONTOURS	230	N/A
AIRPORT BUILDINGS		
BUILDING OFF AIRPORT		SAME
PAVEMENT		
ACCESS ROADWAYS		
TO BE REMOVED	N/A	
FUTURE PROPERTY ACQUISITION	N/A	
AVIGATION EASEMENT AREA		
NCGS MONUMENT		N/A
WETLANDS		N/A
WETLAND ID NUMBER	12	N/A
MAP & LOT NUMBERS FOR ABUTTING PROPERTIES TO THE AIRPORT. NOTE: ALL ABUTTER INFO IS NOT COMPLETELY SHOWN. SEE DATA SHEET (SHEET 5 OF 12) FOR COMPLETE LIST.	MAP LOT	N/A
BUILDING RESTRICTION LINE	BRL	SAME
RESERVED FOR NON-AERONAUTICAL REVENUE GENERATION	N/A	
NAVAID CRITICAL AREA		SAME
FUTURE PHASED AVIGATION EASEMENTS	N/A	

Proposed Development

	Map ID	Description
Short-term Projects	~~A1~~	~~Install Perimeter Fencing (approx. 7,580 LF)~~ 1
	~~A2~~	~~Design & Permitting for 17-35 Partial Parallel Taxiway B~~ 1
	~~A3~~	~~Pavement Markings~~ 1
	A4	Acquire 4 end easements
	~~A5~~	~~Design Terminal Building~~ Expansion
	A6	Design & Construct SRE Building to include Sand Storage (2 alternatives depicted)
		Acquire Snow Removal Equipment (Loader)
	~~A7~~	~~Construct Partial Parallel Taxiway D & Reconstruct Taxiway F~~ 1
	A8	Obstruction Removal/Lighting - Runway 4 - Phase 1
	~~A9~~	~~Construct Terminal Building Expansion~~ 1
	A10	Construct wastewater treatment facility (WWTF)
	A11	Install PAPIs Runway 4 and 22 (FAA installed)
	A12	Design & Reconstruct Taxiways A and B
	A13	Design & Construct Itinerant Apron - Phase 1
	A14	Design & Reconstruct Runway 4-22 and Taxiway G
	A15	Design & Construct Perimeter Road
Mid-term Projects	B1	Expand existing and reconfigure the automobile parking lot
	B2	Install Perimeter Fencing (approx. 650 LF)
	B3	Obstruction Analysis (R/W 17, 35, 22) and eALP update
	B4	Design & Construct Itinerant Apron - Phase 2
	B5	Acquire 4 end easements - Phase 2
	B6	Design & Construct GA Ramp Expansion
	B7	Acquire easements (R/W 17, 35, 22)
	B8	Install lighted supplemental windsock at the approach end of Runway 35
	B9	Install medium intensity runway lights (MIRLs) on Runway 17-35
	B10	Install runway end identifier lights (REILS) for an approach to Runway 35
		Implement a GPS approach to Runway 35 (FAA)
	B11	Install a PAPI for an approach to Runway 35 (FAA installed)
	B12	Obstruction Removal/Lighting - Runway 4 - Phase 2
	B13	Obstruction Removal (R/W 17, 35, 22)
	B14	Design & Reconstruct Taxiway H and J
Long-term Projects	C1	Obtain property and avigation/hazard easements for Runway 22 extension
	C2	Obstruction Removal/Lighting - Runway 4 - Phase 3
	C3	Reconstruct portion of Airport Access Road
	C4	Reconstruct Terminal Apron
	C5	Extend Runway 22, Taxiway H and MALSF / Obstruction Removal / Lighting
	C6	Design & Construct Holding Bay/Run-up Area for Runway 22
	C7	Reconstruct GA Apron
	C8	Reconstruct Runway 17-35
	C9	Convert abandoned piece of pavement used for overflow parking to turf
	D	Private Development
	E	Parcels to be acquired, if available: 20/19, 20/20, & 20/21
	F	Install a MALSR for an approach to Runway 22 (FAA installed)

PROJECT DESIGNER: JACOBS

2 Executive Park Drive
Suite 205
Bedford, NH 03110
PHONE: (603) 666-7181
FAX: (603) 666-7185

SCALE: 1"=300'
DATE: APRIL 2016
DESIGNED BY: JMH
DRAWN BY: JMH
CHECKED BY: JRH
APPROVED: RP

HANCOCK COUNTY - BAR HARBOR AIRPORT
TRENTON, MAINE

AIRPORT MASTER PLAN UPDATE

AIRPORT LAYOUT PLAN (ULTIMATE FACILITIES)

REVISIONS

REV. NO.	DATE	DESCRIPTION
1	2/19/15	REMOVED COMPLETED PROJECTS
2	12/2016	UPDATED UNDER AIP 041 PROJECT
3	1/2017	REVISE TAXIWAY G HANGAR LAYOUT
4	8/2017	REVISED PER TECH OPS 072417 REVIEW COMMENTS & NEW CORP. HANGAR
5	9/2017	ADD RWY 35 END COORDINATES

PROJ. NO.:
JE FILE: P/AIR/CG/BHB/ALP
AIP NO.: updated under AIP 041

DRAWING NO.
3

SHEET 3 OF 12 REV 5

Jacobs - P:\Airports\Client General\Bar Harbor\ALP\BHBPALP-penandink REV 083117.dwg [PALP] September 21, 2017 - 3:47pm [jhomiak]