BUILDING #	NAME	HEIGHT (FT. AGL)
1	TERMINAL	34
2	GENERAL AVIATION TERMINAL	22
3	ARFF/SRE	27
4	AIRPORT ELECTRICAL VAULT	18
5	DUCHESS HANGAR	27
6	STATT HANGAR	18
7	HADLEY HANGAR	19
8	DIRECT FLIGHT HANGAR	23
9	WASTE WATER TREATMENT PLANT	27
10	T-HANGAR COMPLEX	20
12	AIRPORT LAUNDROMAT	16
13	VINEYARD TENNIS CENTER	37
14	ANIMAL HEALTHCARE	35
15	DUKES COUNTY ADMINISTRATION BUILDING	25
16	HOT TIN ROOF	23
17	P&K PROPERTIES	17
18	VINEYARD DECORATORS	22
19	KEYLAND KITCHENS	28
20	FUEL FARM	11
21	NSTAR SUBSTATION	12
21	NSTAR SUBSTATION	14
24	[OPEN]	N/A
25	MARTHAS VINEYARD SHIPYARD	N/A
26	OSPREY TRADES	23
26A	MV TRANSIT AUTHORITY	30
27	COCA COLA	28
28	[OPEN]	N/A
29	COTTAGE CITY DISTRIBUTORS	25
30	DMB REALTY	29
31	INDIGO FARMS	29
31	INDIGO FARMS	11
32	LLC	32
33	ISLAND PROPANE	N/A
34	LANDSCAPE	19

BUILDING #	NAME	HEIGHT (FT. AGL)
35	[OPEN]	N/A
36	HN HINKLEY & SONS	28
37	SEWERAGE PUMPING STATION	26
38	REARDON REALTY (CORCORAN)	30
39	CARS UNLIMITED	22
40	MP ROGERS	25
41	SAV ASSOCIATES	16
41	SAV ASSOCIATES	27
41	SAV ASSOCIATES	15
42	SAV ASSOCIATES	25
43	SAV ASSOCIATES	16
43	SAV ASSOCIATES	12
43	SAV ASSOCIATES	12
43	SAV ASSOCIATES	12
44	SAV ASSOCIATES	23
45	FIRE & ICE	24
46	DONAROMAS NURSERY AND LANDSCAPING	26
47	T FORD COMPANY	24
47	T FORD COMPANY	20
48	JMS REALTY TRUST	26
49	HEATHLAND REALTY TRUST	27
49	HEATHLAND REALTY TRUST	20
49	HEATHLAND REALTY TRUST	25
50	PROPANE CONTINENTAL	27
51	VP CONTINUING CORP	7
51	VP CONTINUING CORP	19
52	AIRPORT FUEL SERVICES	21
52	AIRPORT FUEL SERVICES	28
52	AIRPORT FUEL SERVICES	24
54	ISLAND POOLS & SPAS	27
55	VINEYARD POOLS	27
56	ACCURATE CAB CORP	26
57	[OPEN]	N/A
58	COUNTY SHERIFF ROPE COURSE	N/A
61	AIR TRAFFIC CONTROL TOWER	65

MVY DECLARED DISTANCES

	TORA	TODA	ASDA	LDA
RUNWAY 06	5,504	5,504	5,504	5,504
RUNWAY 24	5,504	5,504	5,504	5,504
RUNWAY 15	3,327	3,327	3,327	3,327
RUNWAY 33	3,327	3.327	3,327	3.327

AIRPORT DATA

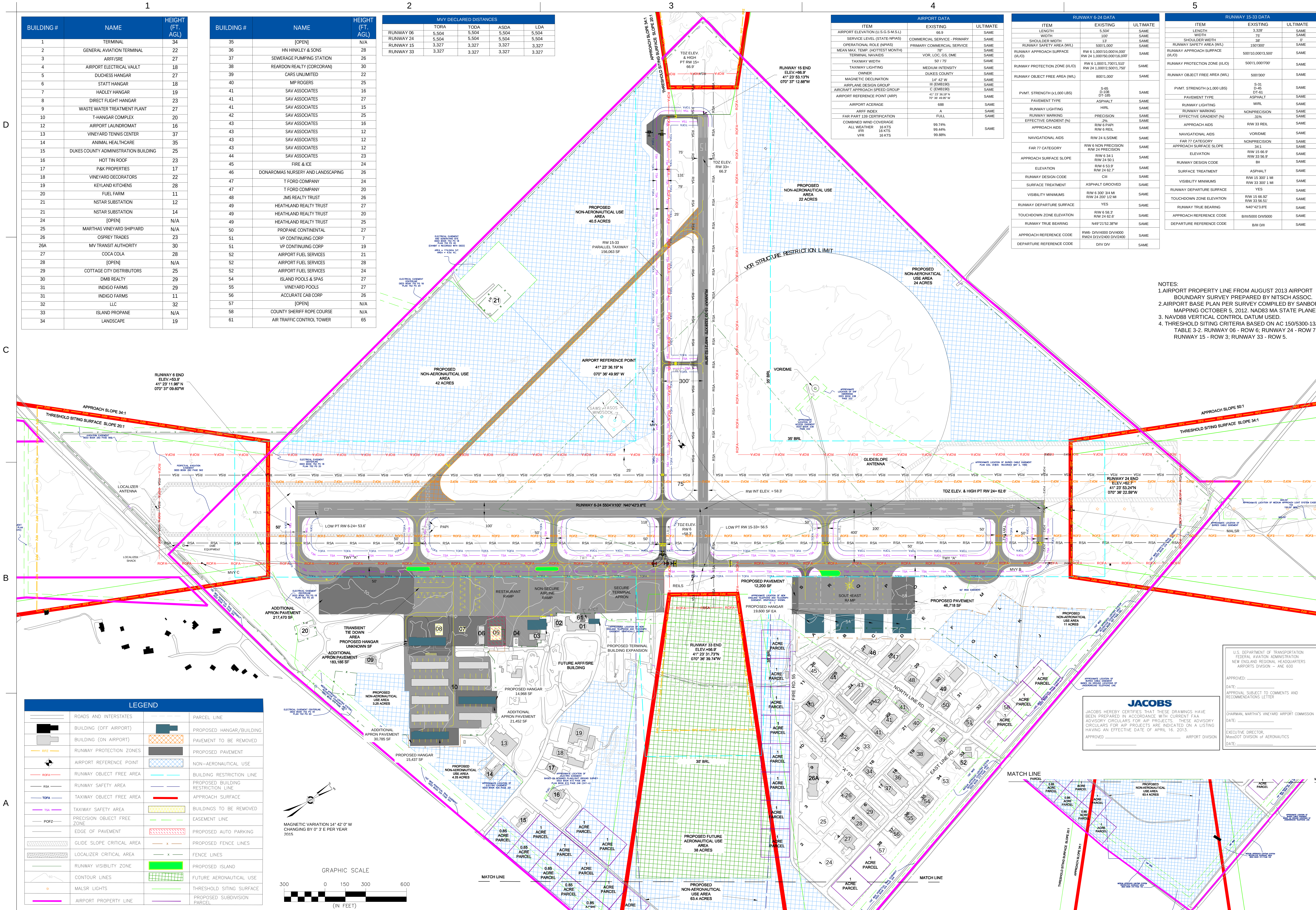
ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION (U.S.G.S-M.S.L)	66.9	SAME
SERVICE LEVEL (STATE-NPIAS)	COMMERCIAL SERVICE - PRIMARY	SAME
OPERATIONAL ROLE (NPIAS)	PRIMARY COMMERCIAL SERVICE	SAME
MEAN MAX. TEMP. (HOTTEST MONTH)	78°	SAME
TERMINAL NAVAIDS	VOR, LOC, GS, DME	SAME
TAXIWAY WIDTH	50' / 75'	SAME
TAXIWAY LIGHTING	MEDIUM INTENSITY	SAME
OWNER	DUKES COUNTY	SAME
MAGNETIC DECLINATION	14° 42' W	SAME
AIRPLANE DESIGN GROUP	III (EMB190)	SAME
AIRCRAFT APPROACH SPEED GROUP	C (EMB190)	SAME
AIRPORT REFERENCE POINT (ARP)	41° 23' 36.19" N 70° 36' 49.95" W	SAME
AIRPORT ACERAGE	688	SAME
ARFF INDEX	A	SAME
FAR PART 139 CERTIFICATION	FULL	SAME
COMBINED WIND COVERAGE ALL WEATHER 16 KTS IFR 16 KTS VFR 16 KTS	99.74% 99.44% 99.88%	SAME

RUNWAY 6-24 DATA

ITEM	EXISTING	ULTIMATE
LENGTH	5,504'	SAME
WIDTH	100'	SAME
SHOULDER WIDTH	13'	SAME
RUNWAY SAFETY AREA (W/L)	500'/1,000'	SAME
RUNWAY APPROACH SURFACE (I/L/O)	RW 6 1,000'/10,000'/4,000' RW 24 1,000'/50,000'/16,000'	SAME
RUNWAY PROTECTION ZONE (I/L/O)	RW 6 1,000'/1,700'/1,510' RW 24 1,000'/2,500'/1,750'	SAME
RUNWAY OBJECT FREE AREA (W/L)	800'/1,000'	SAME
PVMT. STRENGTH (x1,000 LBS)	S-65 D-108 DT-185	SAME
PAVEMENT TYPE	ASPHALT	SAME
RUNWAY LIGHTING	HIRL	SAME
RUNWAY MARKING	PRECISION	SAME
EFFECTIVE GRADIENT (%)	.2%	SAME
APPROACH AIDS	R/W 6 PAPI R/W 6 REIL	SAME
NAVIGATIONAL AIDS	R/W 24 ILS/DME	SAME
FAR 77 CATEGORY	R/W 6 NON PRECISION R/W 24 PRECISION	SAME
APPROACH SURFACE SLOPE	R/W 6 34:1 R/W 24 50:1	SAME
ELEVATION	R/W 6 53.9' R/W 24 62.7'	SAME
RUNWAY DESIGN CODE	CIII	SAME
SURFACE TREATMENT	ASPHALT GROOVED	SAME
VISIBILITY MINIMUMS	R/W 6 300' 3/4 MI R/W 24 200' 1/2 MI	SAME
RUNWAY DEPARTURE SURFACE	YES	SAME
TOUCHDOWN ZONE ELEVATION	R/W 6 58.3' R/W 24 62.6'	SAME
RUNWAY TRUE BEARING	N49°21'52.38"W	SAME
APPROACH REFERENCE CODE	RW6- D/IV/4000 D/V/4000 RW24 D/1V/2400 D/V/2400	SAME
DEPARTURE REFERENCE CODE	D/IV D/V	SAME

RUNWAY 15-33 DATA

ITEM	EXISTING	ULTIMATE
LENGTH	3,328'	SAME
WIDTH	75'	SAME
SHOULDER WIDTH	38'	0'
RUNWAY SAFETY AREA (W/L)	150'/300'	SAME
RUNWAY APPROACH SURFACE (I/L/O)	500'/10,000'/3,500'	SAME
RUNWAY PROTECTION ZONE (I/L/O)	500'/1,000'/700'	SAME
RUNWAY OBJECT FREE AREA (W/L)	500'/300'	SAME
PVMT. STRENGTH (x1,000 LBS)	S-31 D-45 DT-61	SAME
PAVEMENT TYPE	ASPHALT	SAME
RUNWAY LIGHTING	MIRL	SAME
RUNWAY MARKING	NONPRECISION	SAME
EFFECTIVE GRADIENT (%)	.31%	SAME
APPROACH AIDS	R/W 33 REIL	SAME
NAVIGATIONAL AIDS	VOR/DME	SAME
FAR 77 CATEGORY	NONPRECISION	SAME
APPROACH SURFACE SLOPE	34:1	SAME
ELEVATION	R/W 15 66.9' R/W 33 56.9'	SAME
RUNWAY DESIGN CODE	BII	SAME
SURFACE TREATMENT	ASPHALT	SAME
VISIBILITY MINIMUMS	R/W 15 300' 1 MI R/W 33 300' 1 MI	SAME
RUNWAY DEPARTURE SURFACE	YES	SAME
TOUCHDOWN ZONE ELEVATION	R/W 15 66.92' R/W 33 56.51'	SAME
RUNWAY TRUE BEARING	N40°42'3.8"E	SAME
APPROACH REFERENCE CODE	B/III/5000 D/II/5000	SAME
DEPARTURE REFERENCE CODE	B/III D/II	SAME



NOTES:
1. AIRPORT PROPERTY LINE FROM AUGUST 2013 AIRPORT BOUNDARY SURVEY PREPARED BY NITSCH ASSOC.
2. AIRPORT BASE PLAN PER SURVEY COMPILED BY SANBORN MAPPING OCTOBER 5, 2012. NAD83 MA STATE PLANE (ft).
3. NAVD88 VERTICAL CONTROL DATUM USED.
4. THRESHOLD SITING CRITERIA BASED ON AC 150/5300-13A, TABLE 3-2. RUNWAY 06 - ROW 6; RUNWAY 24 - ROW 7; RUNWAY 15 - ROW 3; RUNWAY 33 - ROW 5.

LEGEND

	ROADS AND INTERSTATES		PARCEL LINE
	BUILDING (OFF AIRPORT)		PROPOSED HANGAR/BUILDING
	BUILDING (ON AIRPORT)		PAVEMENT TO BE REMOVED
RPZ	RUNWAY PROTECTION ZONES		PROPOSED PAVEMENT
	AIRPORT REFERENCE POINT		NON-AERONAUTICAL USE
ROFA	RUNWAY OBJECT FREE AREA		BUILDING RESTRICTION LINE
RSA	RUNWAY SAFETY AREA		PROPOSED BUILDING RESTRICTION LINE
TOFA	TAXIWAY OBJECT FREE AREA		APPROACH SURFACE
TSA	TAXIWAY SAFETY AREA		BUILDINGS TO BE REMOVED
POFZ	PRECISION OBJECT FREE ZONE		EASEMENT LINE
	EDGE OF PAVEMENT		PROPOSED AUTO PARKING
	GLIDE SLOPE CRITICAL AREA	x	PROPOSED FENCE LINES
	LOCALIZER CRITICAL AREA	x	FENCE LINES
	RUNWAY VISIBILITY ZONE		PROPOSED ISLAND
60	CONTOUR LINES		FUTURE AERONAUTICAL USE
	MALSR LIGHTS		THRESHOLD SITING SURFACE
	AIRPORT PROPERTY LINE		PROPOSED SUBDIVISION PARCEL

JACOBS

JACOBS HEREBY CERTIFIES THAT THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH CURRENT FAA ADVISORY CIRCULARS FOR AIP PROJECTS. THESE ADVISORY CIRCULARS FOR AIP PROJECTS ARE INDICATED ON A LISTING HAVING AN EFFECTIVE DATE OF APRIL 16. 2013.

APPROVED ______ AIRPORT DIVISION

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
NEW ENGLAND REGIONAL HEADQUARTERS
AIRPORTS DIVISION – ANE 600

APPROVED: ______

DATE: ______

APPROVAL SUBJECT TO COMMENTS AND RECOMMENDATIONS LETTER

CHAIRMAN, MARTHA'S VINEYARD AIRPORT COMMISSION

DATE: ______

EXECUTIVE DIRECTOR, MassDOT DIVISION of AERONAUTICS

DATE: ______

ULTIMATE AIRPORT LAYOUT PLAN

Mark	Description	Date	Appr.

Designed by: HHM
Dwn by: MED
Ckd by: HHM
Reviewed by: HHM
Submitted by:
Date: 11/22/2016
Rev.
Design file no.
Drawing code:
File name:
Plot date: NOV 2016
Plot scale: 1"= 300'

MARTHA'S VINEYARD AIRPORT
VINEYARD HAVEN
MASSACHUSETTS

JACOBS
TWO EXECUTIVE PARK DRIVE
SUITE 205
BEDFORD, NH 03110

MVY AIRPORT MARTHA'S VINEYARD

Sheet reference number:
04
04 OF 11

P:\2012\E2X60600 - MVY AIRPORT MASTER PLAN\600 DISCIPLINE FILES\690 CADD AND GIS\DRAWINGS\CADD\ALP\DRAWING 04 - ULTIMATE.DWG PLOT DATE: 2017-04-10