Appendix E

AIRPORT LAYOUT PLAN DRAWINGS

AIRPORT LAYOUT PLANS

FOR

KONA INTERNATIONAL AIRPORT AT KEAHOLE (KOA)

KEAHOLE, NORTH KONA, HAWAII

Prepared for the

AIRPORTS DIVISION
DEPARTMENT OF TRANSPORTATION
HONOLULU, HAWAII

INDEX OF DRAWINGS

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2. PART 77 AIRSPACE DRAWING
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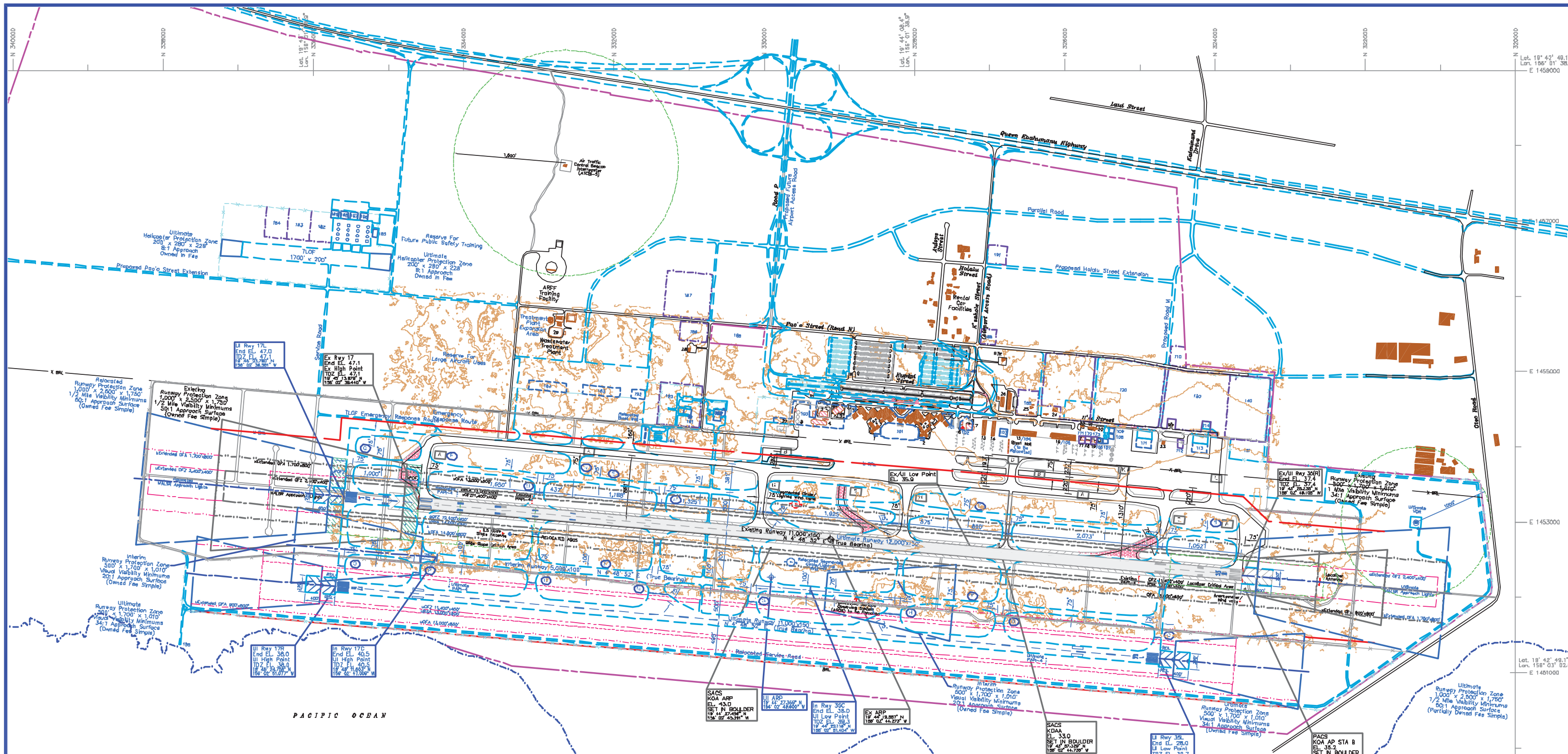
5. INNER PORTION OF RUNWAY 17L APPROACH SURFACE DRAWING
6. INNER PORTION OF RUNWAY 35R APPROACH SURFACE DRAWING
7. INNER PORTION OF RUNWAY 17R-35L APPROACH SURFACE DRAWING
8. INNER PORTION OF INTERIM RUNWAY 17C-35C APPROACH SURFACE DRAWING
9. TERMINAL/GENERAL AVIATION DRAWING
10. AIR CARGO DRAWING
11. AIRPORT LAND USE DRAWING
12. EXHIBIT A - AIRPORT PROPERTY MAP

DRAFT
August 19, 2010

KOBER HANSSEN MITCHELL ARCHITECTS

Coffman Associates Airport Consultants



RUNWAY END COORDINATES (NAD 83)			
RUNWAY		EXISTING	ULTIMATE
Runway 17(L)	Latitude	19° 46' 18.879" N	19° 46' 28.760" N
	Longitude	156° 02' 38.440" W	156° 02' 38.561" W
Runway 35(R)	Latitude	19° 43' 25.225" N	19° 43' 25.235" N
	Longitude	156° 02' 49.106" W	156° 02' 49.106" W
Runway 17R	Latitude	N/A	19° 46' 24.758" N
	Longitude	N/A	156° 02' 51.077" W
Runway 35L	Latitude	N/A	19° 43' 36.110" N
	Longitude	N/A	156° 03' 00.743" W
Runway 17C (Interim)[2]	Latitude	N/A	19° 45' 11.303" N
	Longitude	N/A	156° 02' 47.006" W
Runway 35C (Interim)[2]	Latitude	N/A	19° 44' 22.118" N
	Longitude	N/A	156° 02' 51.404" W

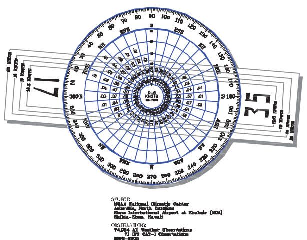
GENERAL NOTES:

1. Features and objects, including related elevations and clearances within the runway are depicted on the INNER PORTION APPROACH SURFACE DRAWINGS.
2. Terminal improvement details are depicted on the TERMINAL/GENERAL AVIATION DRAWING.
3. Recommended land uses are depicted on the AIRPORT LAND USE DRAWING.
4. Building Restriction Line (BRL) is established in accordance with F.A.R. Part 77 criteria. Location utilizes 35 foot vertical object height.
5. All Elevations are in NAVD 88, all Horizontal Coordinates are in NAD 83.
6. No Threshold Siting Surface Object Penetrations.
7. No Obstacle Free Zone (OFZ) Object Penetrations.

RUNWAY DATA	RUNWAY 17L/35R				RUNWAY 17R/35L		RUNWAY 17C/35C	
	EXISTING		ULTIMATE		ULTIMATE		INTERIM[2]	
	17	35	17L	35R	17R	35L	17C	35C
AIRCRAFT APPROACH CATEGORY-DESIGN GROUP	D-V		D-V		D-V		C-IV	
CRITICAL AIRCRAFT	Boeing 747-300		Boeing 747-400		Boeing 747-400		Boeing C17	
CRITICAL AIRCRAFT WINGSPAN	195.7'		213.0'		213.0'		165'	
CRITICAL AIRCRAFT UNDERCARRIAGE WIDTH	38.1'		36.1'		36.1'		33.7'	
CRITICAL AIRCRAFT APPROACH SPEED (KNOTS)	145		154		154		N/A	
CRITICAL AIRCRAFT MAXIMUM CERTIFIED TAKEOFF WEIGHT (1,000 LBS.)	800		870		870		585	
APPROACH VISIBILITY MINIMUMS (LOWEST)	<3/4 MILE	1 MILE	<3/4 MILE	<3/4 MILE	1 MILE	1 MILE	VISUAL	VISUAL
F.A.R. PART 77 CATEGORY	C	C	C	C	C	C	VISUAL	VISUAL
PERCENTAGE OF WIND COVERAGE (ALL WEATHER IN MPH)	[illegible]		[illegible]		[illegible]		[illegible]	
LINE OF SIGHT REQUIREMENT MET	YES		YES		YES		YES	
MAXIMUM ELEVATION (FEET ABOVE MSL)	47.1		47.1		38.0		40.5	
LOWEST ELEVATION (FEET ABOVE MSL)	35.9		35.9		28.0		37.5	
RUNWAY DIMENSIONS (LENGTH X WIDTH)	11,000' x 150'		12,000' x 150'		11,000' x 150'		5,000' x 100'	
RUNWAY BEARING (TRUE BEARING - DECIMAL DEGREES)	4.82	184.82	4.82	184.82	4.82	184.82	4.82	184.82
RUNWAY APPROACH SURFACES (F.A.R. PART 77)	50:1	34:1	50:1	50:1	34:1	34:1	20:1	20:1
RUNWAY END ELEVATION (NAVD 88)	47.1	37.4	47.0	37.4	38.0	28.0	40.5	37.5
RUNWAY THRESHOLD DISPLACEMENT	0'	0'	0'	0'	0'	0'	0'	0'
RUNWAY THRESHOLD SITING REQUIREMENTS (APPENDIX 2, CATEGORY)	9	9	9	9	3	3	3	3
RUNWAY STOPWAY	0'	0'	0'	0'	0'	0'	0'	0'
RUNWAY SAFETY AREA WIDTH (RSA)	500'		500'		500'		500'	
RUNWAY SAFETY AREA (RSA) BEYOND RUNWAY STOP END	1,000'	1,000'	1,000'	1,000'	1,000'	1,000'	300'	300'
RUNWAY OBSTACLE FREE ZONE WIDTH (OFZ)	400'		400'		400'		400'	
RUNWAY OBSTACLE FREE ZONE (OFZ) BEYOND RUNWAY STOP END	200'	200'	200'	200'	200'	200'	200'	200'
RUNWAY OBJECT FREE AREA WIDTH (OFA)	800'		800'		800'		800'	
RUNWAY OBJECT FREE AREA (OFA) BEYOND RUNWAY STOP END	1,000'	1,000'	1,000'	1,000'	1,000'	1,000'	300'	300'
TAKEOFF RUN AVAILABLE (TORA)	11,000'	11,000'	12,000'	12,000'	11,000'	11,000'	4,250'	4,250'
TAKEOFF DISTANCE AVAILABLE (TODA)	11,000'	11,000'	12,000'	12,000'	11,000'	11,000'	4,250'	4,250'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	11,000'	11,000'	12,000'	12,000'	11,000'	11,000'	4,250'	4,250'
LANDING DISTANCE AVAILABLE (LDA)	11,000'	11,000'	12,000'	12,000'	11,000'	11,000'	4,250'	4,250'
RUNWAY PAVEMENT SURFACE MATERIAL	ASPHALT-GROOVED		ASPHALT-GROOVED		ASPHALT-GROOVED		ASPHALT	
RUNWAY PAVEMENT STRENGTH (IN THOUSAND LBS.)[1]	75(S)/200(D)/400(DT)/850(DDT)		75(S)/200(D)/400(DT)/850(DDT)		75(S)/200(D)/400(DT)/850(DDT)		90(S)/200(D)/400(DT)/850(DDT)	
RUNWAY EFFECTIVE GRADIENT	0.09%		0.09%		0.09%		0.07%	
RUNWAY MAXIMUM GRADIENT	0.40%		0.40%		0.09%		0.07%	
RUNWAY TOUCHDOWN ZONE ELEVATION (FEET ABOVE MSL)	47.1	37.4	47.1	37.4	38.0	30.7	40.5	39.6
RUNWAY MARKING	PRECISION	PRECISION	PRECISION	PRECISION	NONPRECISION	NONPRECISION	NONE	NONE
RUNWAY LIGHTING	HIRL		HIRL		HIRL		NONE	
RUNWAY APPROACH LIGHTING	MALSR	NONE	MALSR	MALSR	NONE	NONE	NONE	NONE
RUNWAY TO TAXIWAY SEPARATION (FROM CENTERLINE TO CENTERLINE)	881'		500'		500'		N/A	
RUNWAY HOLD LINE POSITION (FROM RUNWAY CENTERLINE)	280'		280'		280'		N/A	
TAXIWAY TO TAXILANE SEPARATION (FROM CENTERLINE TO CENTERLINE)	220'/462'		220'/462'		0'		N/A	
TAXIWAY CENTERLINE TO FIX OR MOVABLE OBJECT	160'		160'		160'		N/A	
TAXIWAY LIGHTING	HITL		HITL		HITL		N/A	
TAXIWAY MARKING	CENTERLINE/SIGNAGE		CENTERLINE/SIGNAGE		CENTERLINE/SIGNAGE		N/A	
TAXIWAY SURFACE MATERIAL	ASPHALT		ASPHALT		ASPHALT		N/A	
TAXIWAY WINGTIP CLEARANCE	42'		68'		52'		N/A	
TAXIWAY WIDTH	75'		75'		75'		N/A	
TAXIWAY SAFETY AREA WIDTH	214'		214'		214'		N/A	
TAXIWAY OBJECT FREE AREA WIDTH	320'		320'		320'		N/A	
RUNWAY VISUAL AIDS	PAPI-4L	PAPI-4L	PAPI-4L	PAPI-4L	PAPI-4L REILS	PAPI-4L REILS	NONE	NONE
RUNWAY ELECTRONIC NAVIGATIONAL AIDS	ILS VOR/DME RNAV GPS	CAT-I GPS	VOR LOC BC RNAV GPS	CAT-I GPS	GPS	GPS	NONE	NONE

[1]Pavement strengths are expressed in Single(S), Dual(D), Dual Tandem(DT) and Double Dual Tandem(DDT) wheel loading capacities.
[2]Runway 17C-35C is future interim auxiliary training runway for military pilot proficiency training.

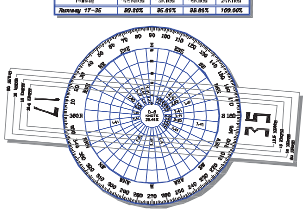
ALL WEATHER WIND COVERAGE				
Runway	10.5 Knots	13 Knots	16 Knots	20 Knots
Runway 17-35	97.30%	98.81%	99.94%	99.97%



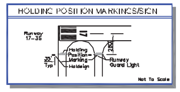
SOURCE:
NOAA National Climatic Center
Asheville, North Carolina
Kona International Airport at Keahole (KOA)
Kailua-Kona, Hawaii

OBSERVATIONS:
74,084 All Weather Observations
71 IFR CAT-I Observations
1998-2008

IFR CAT-I WIND COVERAGE				
Runway	10.5 Knots	13 Knots	16 Knots	20 Knots
Runway 17-35	90.20%	95.69%	99.86%	100.00%



HOLDING POSITION MARKINGS/SIGN

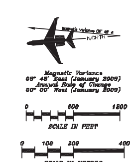


AIRPORT DATA			
KONA INTERNATIONAL AIRPORT AT KEAHOLE (KOA)			
CITY: KEAHOLE, NORTH KONA, HAWAII		COUNTY: HAWAII, HAWAII	
		EXISTING	ULTIMATE
AIRPORT SERVICE LEVEL		AIR CARRIER	AIR CARRIER
AIRPORT REFERENCE CODE		D-V	D-V
DESIGN AIRCRAFT		BOEING 747-300	BOEING 747-300
AIRPORT ELEVATION (feet)		47.1 MSL	47.1 MSL
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH		86.8° F (SEPTEMBER)	86.8° F (SEPTEMBER)
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	LATITUDE	19° 44' 10.557" N	19° 44' 27.365" N
	LONGITUDE	156° 02' 44.273" W	156° 02' 49.600" W
AIRPORT AND TERMINAL NAVIGATIONAL AIDS		SEGMENTED CIRCLE ROTATING BEACON ILS CAT-I (17) RNAV (17/35) VOR/DME (17) VOR (35)	SEGMENTED CIRCLE ROTATING BEACON CAT-I GPS (17L/35R) GPS (17R/35L)
GPS APPROACH		17/35	17/35

LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
		ABANDONED/REMOVED PAVEMENT
		AIRPORT PROPERTY LINE
		AIRPORT PARCEL LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		AVIGATION EASEMENT (if applicable)
		BLAST PADS
		BUILDING REMOVAL
		BUILDING CONSTRUCTION (On/Off Airport)
BRL	BRL	BUILDING RESTRICTION LINE (BRL)
		FACILITY (PAVEMENT) CONSTRUCTION
		FENCING
		HELIPAD
		LOCALIZER ANTENNA
		MEDIUM-INTENSITY APPROACH LIGHTING SYSTEM WITH RUNWAY ALIGNMENT INDICATOR (MALSR)
Critical Area	Critical Area	NAVAID CRITICAL AREA (Localizer/Glide Slope)
PAPI-4	PAPI-4	PRECISION APPROACH PATH INDICATOR
POFZ	POFZ	PRECISION OBJECT FREE ZONE
		PRIMARY/SECONDARY AIRPORT CONTROL STATION
OFA	OFA	RUNWAY OBJECT FREE AREA
OFZ	OFZ	RUNWAY OBSTACLE FREE ZONE
		RUNWAY PROTECTION ZONE (RPZ)
RSA	RSA	RUNWAY SAFETY AREA
NONE		RUNWAY END IDENTIFICATION LIGHTS (REIL)
		RUNWAY THRESHOLD LIGHTS
		SEGMENTED CIRCLE/WIND INDICATOR
		TAXIWAY DESIGNATION
		TAXIWAY HOLD LINE
	N/A	TOPOGRAPHY
		WIND INDICATOR (Lighted)

EXISTING BUILDINGS/FACILITIES	
NO.	DESCRIPTION
1	NORTH PASSENGER TERMINAL
2	SOUTH PASSENGER TERMINAL
3	INTERNATIONAL ARRIVALS BUILDING
4	INTERNATIONAL FEDERAL INSPECTION FACILITY
5	AIRPORT MANAGEMENT OFFICES
6	AIRPORT TRAFFIC CONTROL TOWER (ATCT)
7	AIRPORT RESCUE AND FIREFIGHTING FACILITY (ARFF)
8	AIRLINE EQUIPMENT STORAGE AREA
9	WASTEWATER PUMP STATION
10	OFFICE BUILDING (JTB)
11	ONIZUKA MEMORIAL SPACE CENTER
12	AIRPORT CAFE
13	T-HANGAR
14	T-HANGAR
15	AIR CARGO BUILDING
16	AIR CARGO BUILDING
17	COMMUTER AIR TERMINAL
18	PARADISE HELICOPTERS
19	MAUNA LOA HELICOPTERS
20	BRADLEY PACIFIC AVIATION
21	HAWAII FLIGHT ACADEMY/ISLAND HELICOPTERS
22	AIR SERVICE HAWAII
23	FUEL FARM
24	CIVIL AIR PATROL
25	TROPICBIRD FLIGHT SERVICE
26	AIRPORT MAINTENANCE FACILITY
27	EQUIPMENT WASH RACK
28	WASTEWATER PUMP STATION
29	WASTEWATER TREATMENT PLANT

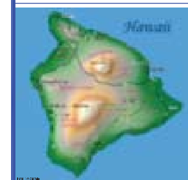
ULTIMATE BUILDINGS/FACILITIES	
NO.	DESCRIPTION
101	TERMINAL EXPANSION
102	COMMUTER AIR TERMINAL
103	TERMINAL EXPANSION (LONG TERM)
104	GA SPECIALTY SUITES
105	GA SPECIALTY SUITES
106	GA BUILDING
107	INTERIM COMMUTER AIR TERMINAL
108	INTERIM COMMUTER AIR TERMINAL
109	GA BUILDING
110	HEAT EXCHANGER SITE
111	FBO HANGAR
112	FUEL STORAGE
113	FBO HANGAR
114	WASH RACK
120	GA PARCEL
130	GA PARCEL
140	GA PARCEL
161	AIRPORT TRAFFIC CONTROL TOWER (ATCT)
162	AIRCRAFT RESCUE AND FIREFIGHTING FACILITY (ARFF)
163	CARGO BUILDING
164	CARGO BUILDING
165	HELIPORT TERMINAL
166	HELICOPTER HANGAR
167	HELICOPTER HANGAR
168	HELICOPTER HANGAR
169	HELICOPTER HANGAR
170	PARKING TOLL BOOTH
171	GA BUILDING PARCEL
172	GA BUILDING PARCEL
173	GA BUILDING PARCEL
181	AVIATION RELATED PARCEL
182	HELIPORT PARCEL
183	HELIPORT PARCEL
184	HELIPORT PARCEL
185	AIRPORT MAINTENANCE EXPANSION
186	UTILITY BUILDING SITE
187	FUEL FARM
188	U.S. POSTAL SERVICE PROPERTY
189	FLIGHT KITCHEN PARCEL
191	MUSEUM PARCEL
192	JOINT INSPECTION FACILITY
193	FAA PARCEL
194	REMOTE FUELING STATION
195	WATER RESCUE FACILITY/BOAT LAUNCH



Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :



LOCATION MAP

NO.	DATE	PROPOSED REVISIONS

FAA ALP APPROVED:
SEPTEMBER 23 2010
FAA APPROVAL

FAA APPROVED:
REFER TO LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION, STATE OF HAWAII — DATE

KONA INTERNATIONAL AIRPORT AT KEAHOLE

KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:

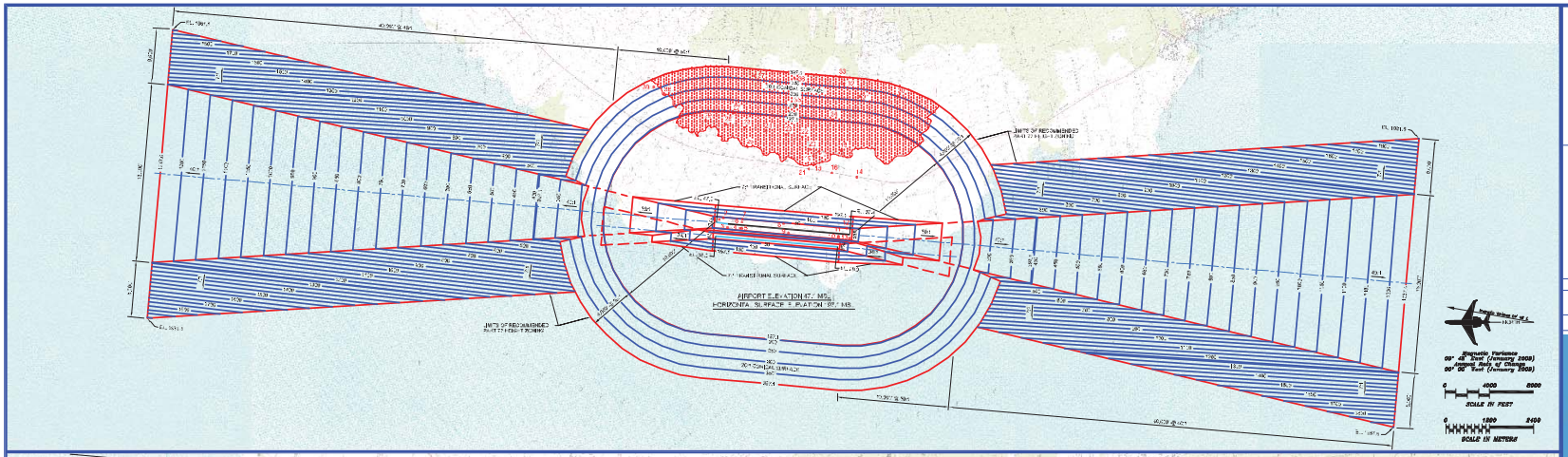
AIRPORT LAYOUT DRAWING

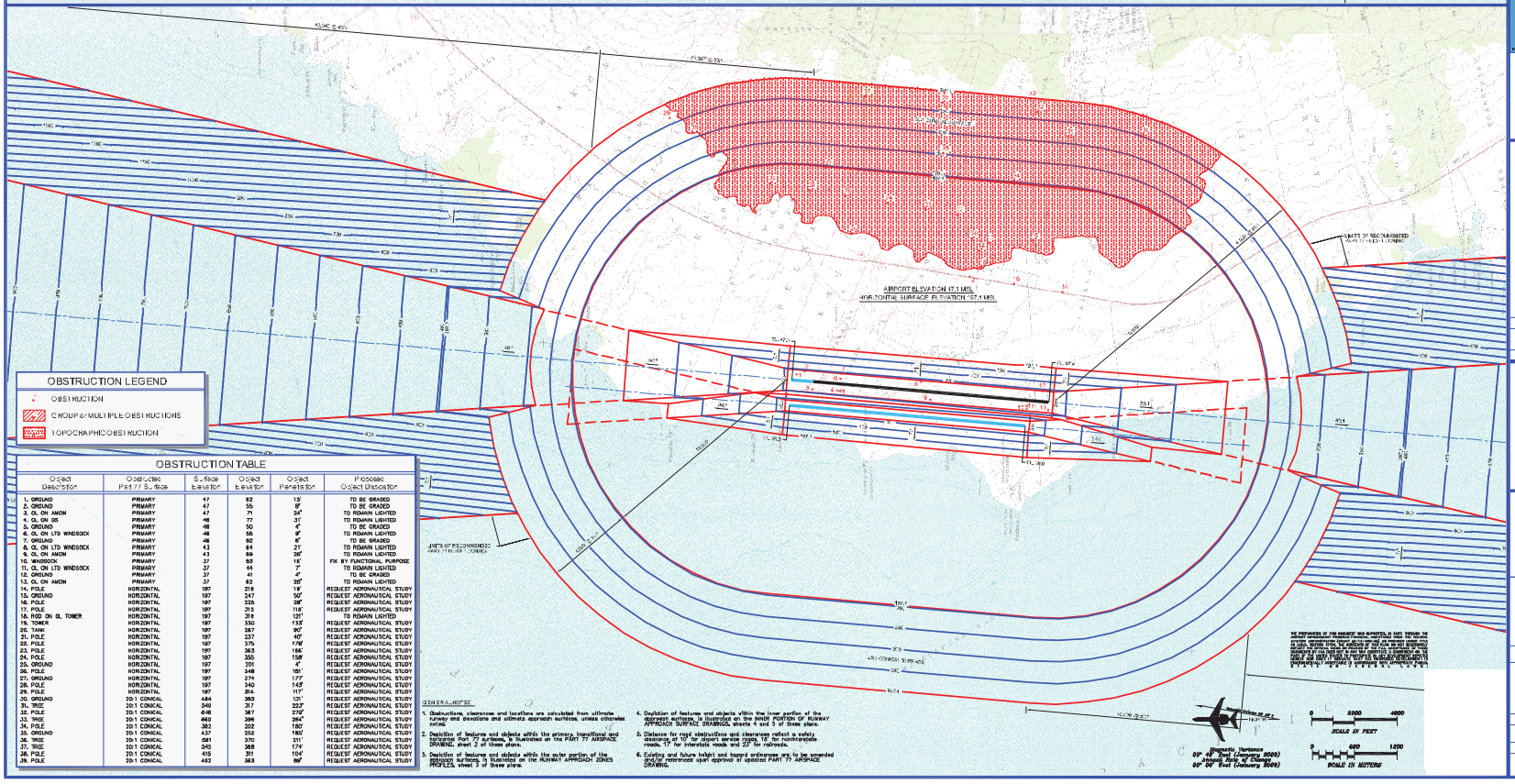
DRAFT

DATE: AUGUST 19, 2010

DWG NO:

SHEET 1 OF 12 SHEETS





OBSTRUCTION LEGEND

- OBSTRUCTION
- GROUP OF MULTIPLE OBSTRUCTIONS
- TOPOGRAPHIC OBSTRUCTION

OBSTRUCTION TABLE

Object Description	Obstructed Part 77 Surface	Surface Elevation	Object Elevation	Object Penetration	Proposed Object Disposition
1. GROUND	PRIMARY	47	62	15'	TO BE GRADED
2. GROUND	PRIMARY	47	55	8'	TO BE GRADED
3. OL ON AMON	PRIMARY	47	71	24'	TO REMAIN LIGHTED
4. OL ON GS	PRIMARY	48	77	31'	TO REMAIN LIGHTED
5. GROUND	PRIMARY	48	50	4'	TO BE GRADED
6. OL ON LTD WINDSOCK	PRIMARY	48	55	8'	TO REMAIN LIGHTED
7. GROUND	PRIMARY	48	52	6'	TO BE GRADED
8. OL ON LTD WINDSOCK	PRIMARY	43	64	21'	TO REMAIN LIGHTED
9. OL ON AMON	PRIMARY	43	69	26'	TO REMAIN LIGHTED
10. WINDSOCK	PRIMARY	37	53	16'	FIX BY FUNCTIONAL PURPOSE
11. OL ON LTD WINDSOCK	PRIMARY	37	44	7'	TO REMAIN LIGHTED
12. GROUND	PRIMARY	37	41	4'	TO BE GRADED
13. OL ON AMON	PRIMARY	37	62	25'	TO REMAIN LIGHTED
14. POLE	HORIZONTAL	197	216	19'	REQUEST AERONAUTICAL STUDY
15. GROUND	HORIZONTAL	197	247	50'	REQUEST AERONAUTICAL STUDY
16. POLE	HORIZONTAL	197	225	28'	REQUEST AERONAUTICAL STUDY
17. POLE	HORIZONTAL	197	313	116'	REQUEST AERONAUTICAL STUDY
18. ROD ON OL TOWER	HORIZONTAL	197	318	121'	TO REMAIN LIGHTED
19. TOWER	HORIZONTAL	197	330	133'	REQUEST AERONAUTICAL STUDY
20. TANK	HORIZONTAL	197	287	90'	REQUEST AERONAUTICAL STUDY
21. POLE	HORIZONTAL	197	237	40'	REQUEST AERONAUTICAL STUDY
22. POLE	HORIZONTAL	197	375	178'	REQUEST AERONAUTICAL STUDY
23. POLE	HORIZONTAL	197	363	166'	REQUEST AERONAUTICAL STUDY
24. POLE	HORIZONTAL	197	355	158'	REQUEST AERONAUTICAL STUDY
25. GROUND	HORIZONTAL	197	201	4'	REQUEST AERONAUTICAL STUDY
26. POLE	HORIZONTAL	197	348	151'	REQUEST AERONAUTICAL STUDY
27. GROUND	HORIZONTAL	197	374	177'	REQUEST AERONAUTICAL STUDY
28. POLE	HORIZONTAL	197	340	143'	REQUEST AERONAUTICAL STUDY
29. POLE	HORIZONTAL	197	314	117'	REQUEST AERONAUTICAL STUDY
30. GROUND	20:1 CONICAL	484	363	121'	REQUEST AERONAUTICAL STUDY
31. TREE	20:1 CONICAL	540	317	223'	REQUEST AERONAUTICAL STUDY
32. POLE	20:1 CONICAL	648	367	279'	REQUEST AERONAUTICAL STUDY
33. TREE	20:1 CONICAL	663	396	264'	REQUEST AERONAUTICAL STUDY
34. POLE	20:1 CONICAL	382	202	180'	REQUEST AERONAUTICAL STUDY
35. GROUND	20:1 CONICAL	437	252	180'	REQUEST AERONAUTICAL STUDY
36. TREE	20:1 CONICAL	581	370	311'	REQUEST AERONAUTICAL STUDY
37. TREE	20:1 CONICAL	542	368	174'	REQUEST AERONAUTICAL STUDY
38. POLE	20:1 CONICAL	415	311	104'	REQUEST AERONAUTICAL STUDY
39. POLE	20:1 CONICAL	463	363	99'	REQUEST AERONAUTICAL STUDY

GENERAL NOTES:

1. Obstructions, clearances and locations are calculated from ultimate survey and elevations and ultimate approach surfaces, unless otherwise noted.
2. Depiction of features and objects within the primary, transitional and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING, sheet 2 of three plans.
3. Depiction of features and objects within the outer portion of the approach surfaces, is illustrated on the RUNWAY APPROACH ZONES PROFILES, sheet 3 of three plans.
4. Depiction of features and objects within the inner portion of the approach surfaces, is illustrated on the INNER PORTION OF RUNWAY APPROACH SURFACE DRAWINGS, sheets 4 and 5 of three plans.
5. Distance for road obstructions and clearances reflect a safety clearance of 10' for airport service roads, 18' for nonintrepsate roads, 17' for interstate roads and 23' for railroads.
6. Existing and future height and hazard ordinances are to be amended and/or nonconform upon approval of updated PART 77 AIRSPACE DRAWING.

Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

LOCATION MAP

NO.	DATE	PROPOSED REVISIONS

FAA ALP APPROVED:
SEPTEMBER 23, 2010
FAA APPROVAL

FAA APPROVED:
REFER TO LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION — DATE
STATE OF HAWAII

KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:

PART 77 AIRSPACE DRAWING

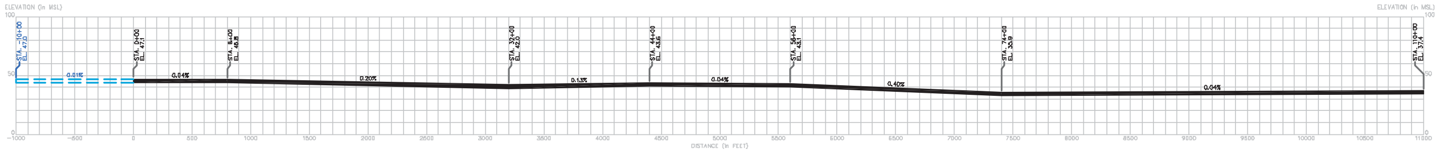
DRAFT

DATE: AUGUST 19, 2010

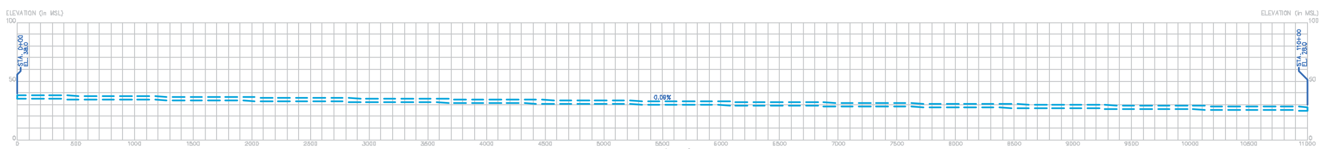
DWG NO:

SHEET 2 OF 12 SHEETS

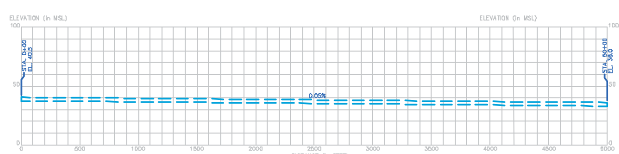
Cell Fren Associates R:\CAD\Lab\PA\Master Plans\KOA Konna\ALP Set\KOA ALP Set 08052010.dwg Printed Date 10-04-10 09:07:50 AM Shapiro



Runway 17(L)-35(R)



Runway 17R-35L



Interim Runway 17C-35C

VERTICAL SCALE IN FEET

HORIZONTAL SCALE IN FEET

VERTICAL SCALE IN METERS

HORIZONTAL SCALE IN METERS

GENERAL NOTES

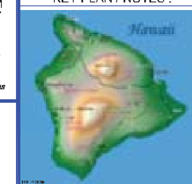
1. Obstructions, clearances and locations are calculated from ultimate runway end elevations and ultimate approach surfaces, unless otherwise noted.
2. Depiction of features and objects within the primary, transitional and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING, sheet 2 of these plans.
3. Depiction of features and objects within the outer portion of the approach surfaces, is illustrated on the RUNWAY APPROACH ZONES PROFILES, sheet 3 of these plans.
4. Depiction of features and objects within the inner portion of the approach surfaces, is illustrated on the INNER PORTION OF RUNWAY APPROACH SURFACE DRAWINGS, sheets 4 and 5 of these plans.
5. Distance for road obstructions and clearances reflect a safety clearance of 10' for airport service roads, 15' for noninterstate roads, 17' for interstate roads and 23' for railroads.
6. Existing and future height and hazard ordinances are to be amended and/or referenced upon approval of updated PART 77 AIRSPACE DRAWING.

Magnetic Variance
09° 48' East (January 2009)
Annual Rate of Change
00° 00' West (January 2009)

Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :



LOCATION MAP

NO.	DATE	PROPOSED REVISIONS

FAA ALP APPROVED:
SEPTEMBER 23 2010
FAA APPROVAL

FAA APPROVED:
REFER TO LETTER DATED

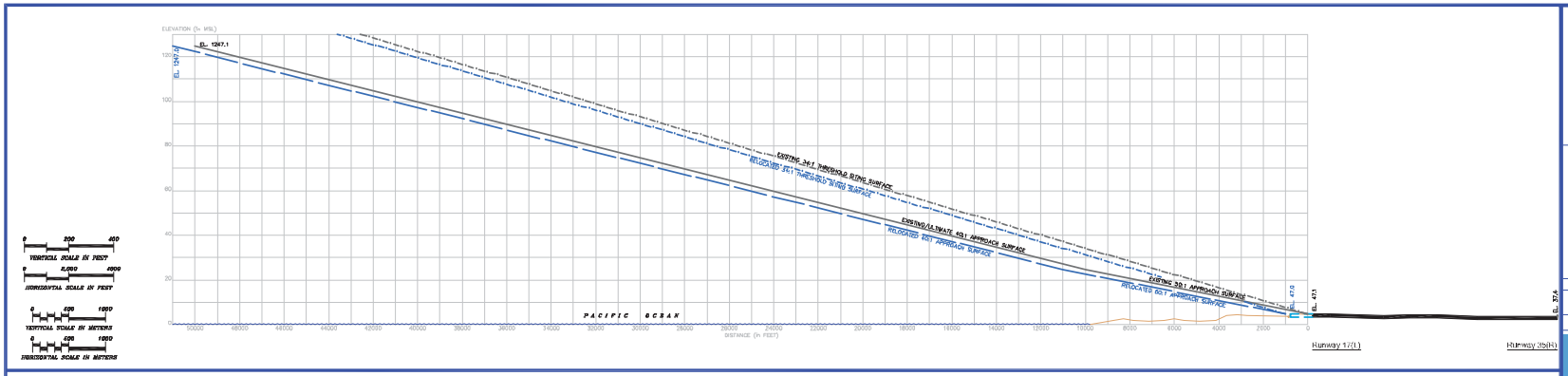
DIRECTOR, DEPARTMENT OF TRANSPORTATION, STATE OF HAWAII — DATE

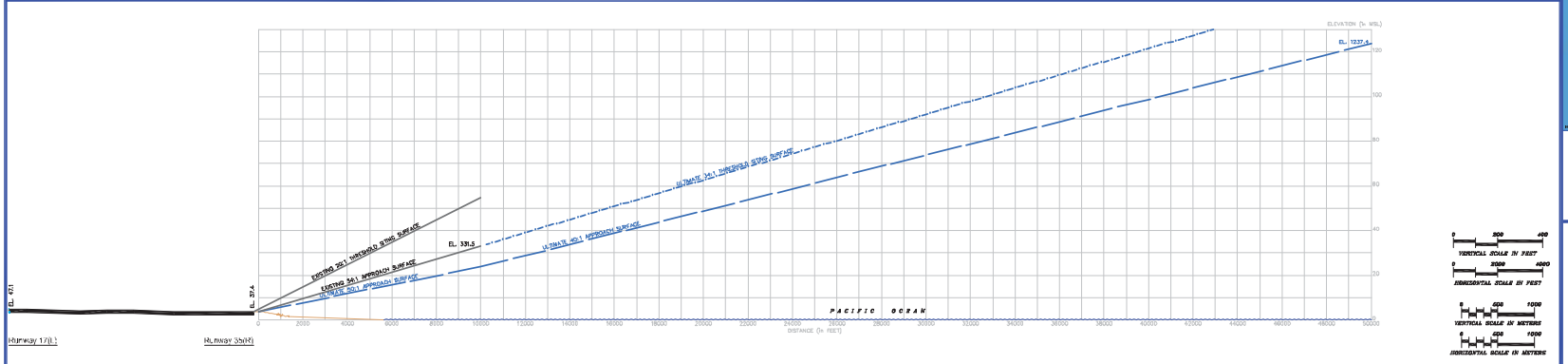
KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

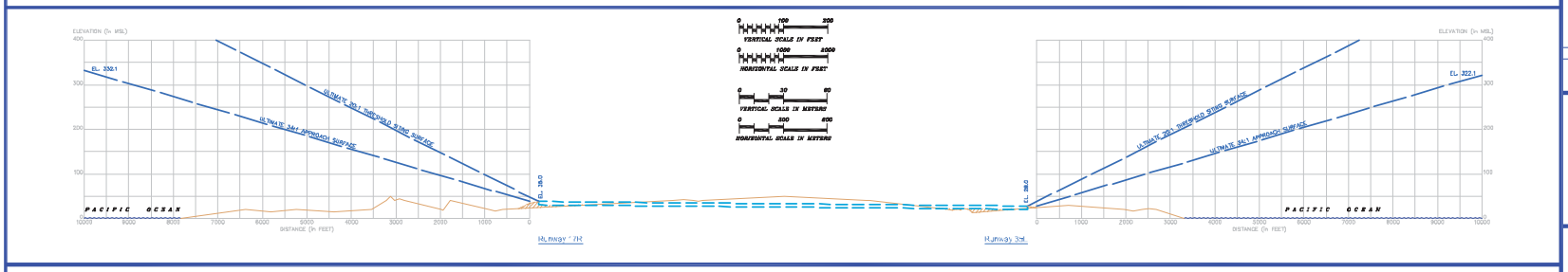
AIRPORT LAYOUT PLANS

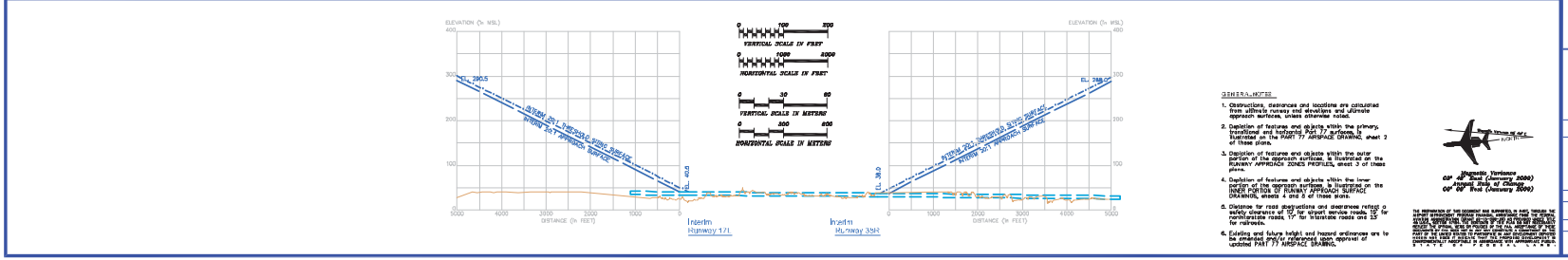
SHEET TITLE:
RUNWAY PROFILES
DRAFT

DATE: AUGUST 19, 2010
DWG NO:
SHEET 3 OF 12 SHEETS









GENERAL NOTES

1. Obstructions, clearances and locations are calculated from ultimate runway and elevations and ultimate approach surfaces, unless otherwise noted.
2. Depiction of features and objects within the primary, transitional and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING, sheet 2 of these plans.
3. Depiction of features and objects within the outer portion of the approach surfaces, is illustrated on the RUNWAY APPROACH ZONES PROFILES, sheet 3 of these plans.
4. Depiction of features and objects within the inner portion of the approach surfaces, is illustrated on the INNER PORTION OF RUNWAY APPROACH SURFACE DRAWINGS, sheets 4 and 5 of these plans.
5. Clearance for road crossings and clearances relative a safety clearance of 15' for airport service roads, 19' for nonfreeze roads, 17' for interstate roads and 23' for railroads.
6. Existing and future height and hazard ordinances are to be amended and/or referenced upon approval of updated PART 77 AIRSPACE DRAWING.

Magnetic Variance
09° 48' East (January 2009)
Annual Rate of Change
09° 08' West (January 2009)

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S T A T E O F H A W A I I , A N D
F E D E R A L A V I A T I O N A D M I N I S T R A T I O N

Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

LOCATION MAP

NO.	DATE	PROPOSED REVISIONS

FAA ALP APPROVED:
SEPTEMBER 23, 2010
FAA APPROVAL

FAA APPROVED:
REFER TO LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION, STATE OF HAWAII — DATE

KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:

APPROACH ZONE PROFILES

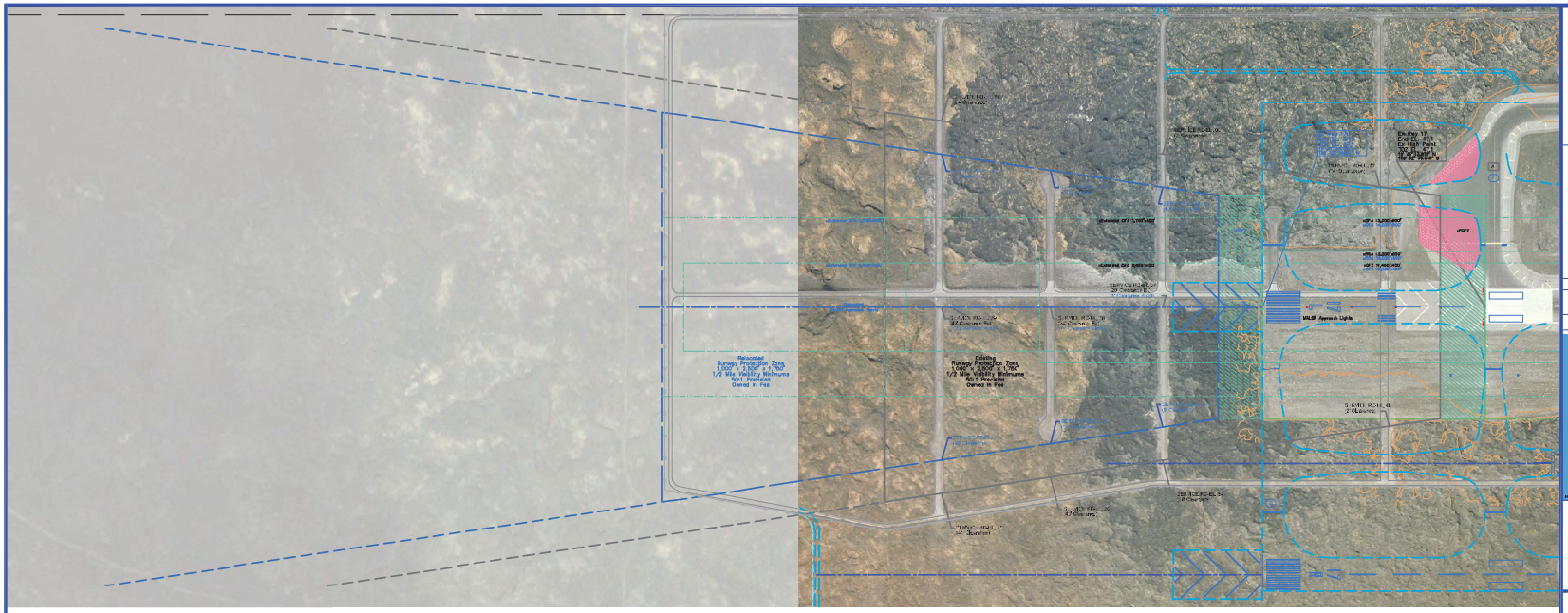
DRAFT

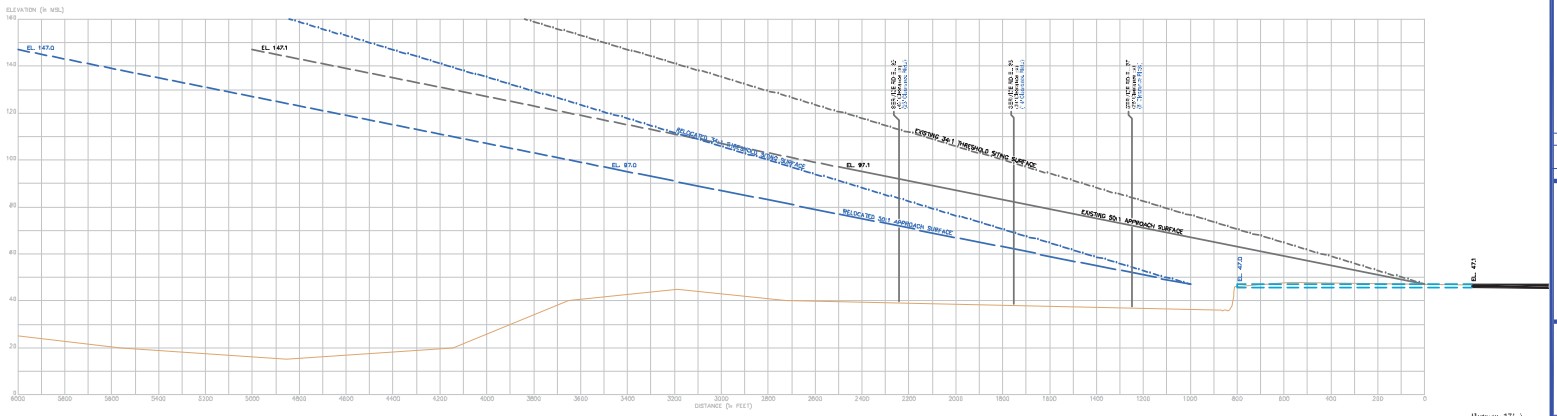
DATE: AUGUST 19, 2010

DWG NO:

SHEET 4 OF 12 SHEETS

Coffman Associates R:\CAD\Lot\AP\Kailua Plant\KDA Konx\ALP Set\KDA ALP Set 08052010.dwg Printed Date 09-04-10 09:43:28 AM Dwgsize





OBSTRUCTION TABLE					
Object Description	Obstructed Part 77 Surface	Object Elevation	Surface Elevation	Object Penetration	Proposed Object Description
NONE					

GENERAL NOTES:

1. Obstructions, clearances and baselines are computed using the most recent available information. Include approach surfaces, gives otherwise noted.
2. Depiction of features and objects within the primary, transitional and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING, sheet 2 of these plans.
3. Depiction of features and objects within the outer portion of the approach surfaces, is illustrated on the RUNWAY APPROACH ZONES PROFILES, sheet 3 of these plans.
4. Depiction of features and objects within the inner portion of the approach surfaces, is illustrated on the INNER PORTION OF RUNWAY APPROACH SURFACE DRAWING, sheets 4 and 5 of these plans.
5. Distance for road obstructions and clearances reflect a safety clearance of 15' for airport service roads, 16' for non-interstate roads, 17' for interstate roads and 23' for railroads.
6. Existing and future height and hazard ordinances are to be obtained prior to references upon approval of updated FAR77 AIRSPACE DRAWING.

VERTICAL SCALE IN FEET
HORIZONTAL SCALE IN FEET
VERTICAL SCALE IN METERS
HORIZONTAL SCALE IN METERS

Magnetic Variance
0° 48' East (January 2000)
Annual Rate of Change
0° 02' West (January 2000)

THE INFORMATION OF THIS DOCUMENT HAS BEEN PREPARED IN PART PURSUANT TO AIRPORT APPROACH PROTECTION PROGRAM AND PART 77 OBSTRUCTION ANALYSIS. THE INFORMATION IS BASED ON THE BEST AVAILABLE DATA AT THE TIME OF PREPARATION. THE STATE OF HAWAII DOES NOT ASSUME RESPONSIBILITY FOR ANY DAMAGES OR LOSS RESULTING FROM THE USE OF THIS DOCUMENT. THE STATE OF HAWAII DOES NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE DATA PROVIDED. THE STATE OF HAWAII DOES NOT ASSUME RESPONSIBILITY FOR ANY DAMAGES OR LOSS RESULTING FROM THE USE OF THIS DOCUMENT IN ANY MANNER OTHER THAN THE ORIGINAL PURPOSE FOR WHICH IT WAS PREPARED. THE USER ASSUMES ALL RISK FOR ANY DAMAGES OR LOSS RESULTING FROM THE USE OF THIS DOCUMENT IN ANY MANNER OTHER THAN THE ORIGINAL PURPOSE FOR WHICH IT WAS PREPARED. THE USER ASSUMES ALL RISK FOR ANY DAMAGES OR LOSS RESULTING FROM THE USE OF THIS DOCUMENT IF IT IS MODIFIED BY ANY PERSON OTHER THAN THE ORIGINAL AUTHOR.

S T A T E O F H A W A I I , A N D

Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

LOCATION MAP

NO.	DATE	PROPOSED REVISIONS

FAA ALP APPROVED:
SEPTEMBER 23, 2010
FAA APPROVAL

FAA APPROVED:
REFER TO LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION — DATE
STATE OF HAWAII

KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:
INNER PORTION OF RUNWAY 17(-) APPROACH SURFACE DRAWING

DATE: AUGUST 19, 2010

DWG NO:

SHEET 5 OF 12 SHEETS

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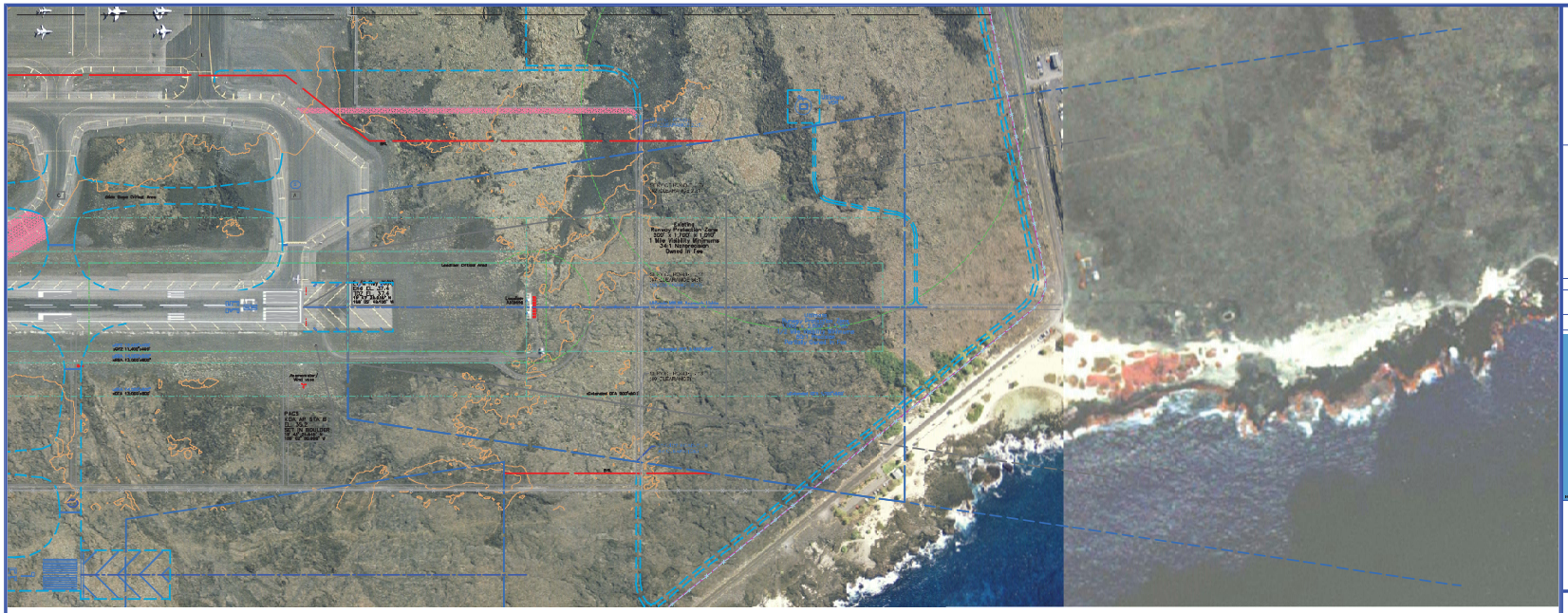

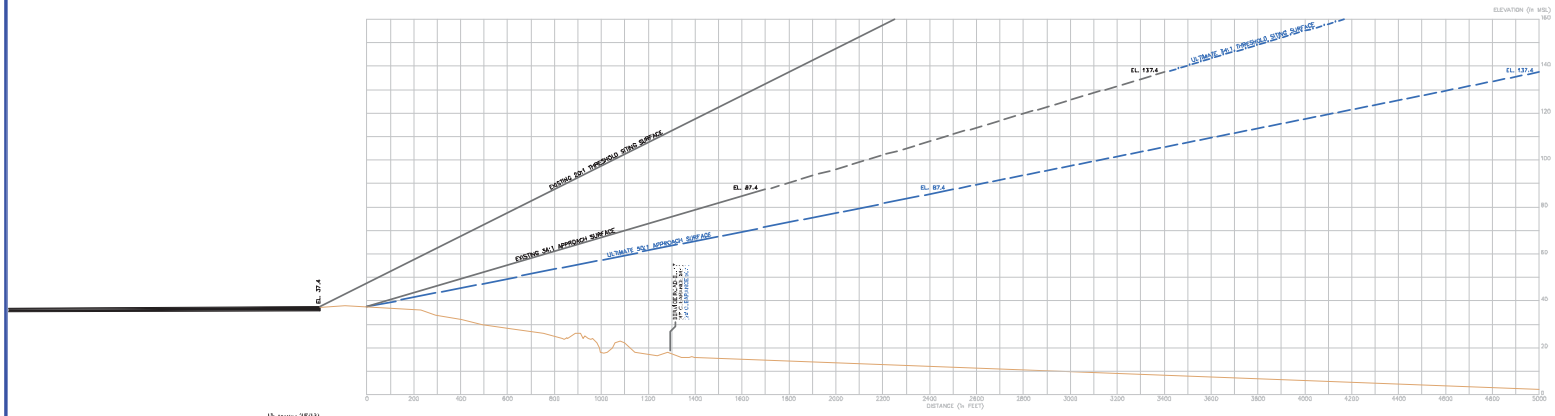

OBSTRUCTION TABLE					
Object Description	Obstructed Part 77 Slope	Object Elevation	Slope Elevation	Object Penetration	Proposed Object Disposition
NONE					

GENERAL NOTES:

1. Obstructions, clearances and locations are calculated from ultimate runway end elevations and ultimate approach surfaces, unless otherwise noted.
2. Depiction of features and objects within the primary, transitional and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING, sheet 2 of these plans.
3. Depiction of features and objects within the outer portion of the approach surfaces, is illustrated on the RUNWAY APPROACH ZONES PROFILES, sheet 3 of these plans.
4. Depiction of features and objects within the inner portion of the approach surfaces, is illustrated on the INNER PORTION OF RUNWAY APPROACH SURFACE DRAWING, sheets 4 and 5 of these plans.
5. Distance for road obstructions and clearances reflect a safety clearance of 10' for airport service roads, 15' for northbound roads, 17' for interstate roads and 23' for railroads.
6. Existing and future height and hazard ordinances are to be amended prior to referenced upon approval of updated PART 77 AIRSPACE DRAWING.

0 20 40
VERTICAL SCALE IN FEET
0 200 400
HORIZONTAL SCALE IN FEET
0 4 12
VERTICAL SCALE IN METERS
0 60 120
HORIZONTAL SCALE IN METERS

NORTH

Magnetic Variance
09° 48' East (January 2000)
Annual Rate of Change
09° 58' West (January 2000)

THE INFORMATION OF THIS DOCUMENT WAS SUPPLIED IN PART THROUGH THE AIRPORT APPROACHES PROGRAM (AAP) AND THE AIRPORT IMPROVEMENT PROGRAM (AIP) FUNDED BY THE FEDERAL AVIATION ADMINISTRATION (FAA). THE CONTENTS OF THIS DOCUMENT DO NOT NECESSARILY REFLECT OFFICIAL FAA POLICY OR POSITION, AND NO ENDORSEMENT BY THE FEDERAL GOVERNMENT OR THE FAA IS INTENDED OR SHOULD BE INFERRED. THE CONTENTS DO NOT CONSTITUTE A STANDARD, SPECIFICATION, OR REGULATION. THE CONTENTS MAY NOT BE ALTERED OR INCORPORATED INTO OTHER DOCUMENTS WITHOUT REFERENCE TO THE FAA AND THE STATE OF HAWAII. THE CONTENTS MAY BE REPRODUCED FOR NONCOMMERCIAL PURPOSES ONLY PROVIDED THAT THE COPYRIGHT NOTICE IS REPRODUCED WITH EACH COPY.
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Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

LOCATION MAP

NO.	DATE	PROPOSED REVISIONS
FAA ALP APPROVED: SEPTEMBER 23, 2010		
FAA APPROVAL:		

FAA APPROVED:
REFER TO LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION STATE OF HAWAII — DATE

KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:
INNER PORTION OF RUNWAY 35R APPROACH SURFACE DRAWING

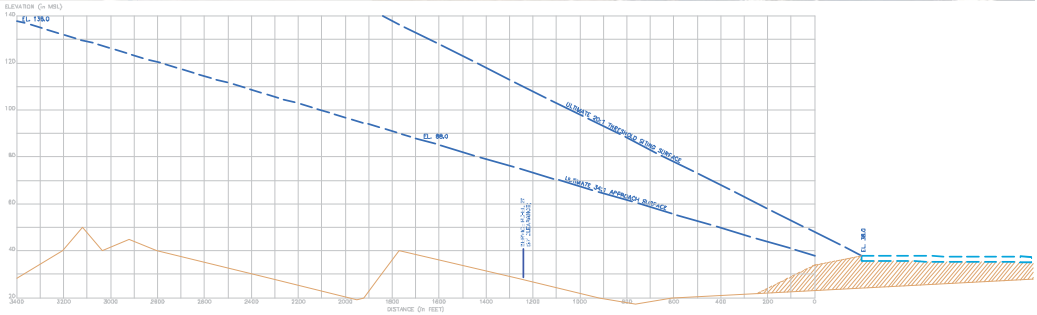
DRAFT

DATE: AUGUST 19, 2010

DWG NO:

SHEET 6 OF 12 SHEETS

Coffman Associates R:\CAD\List\PA\Hunter Plans\KDA Konx\ALP Set\KDA ALP Set 08052010.dwg Printed Date 10-04-10 09:05:56 AM Shapline



Magnetic Variance
09° 48' East (January 2008)
Annual Rate of Change
00° 06' West (January 2008)

VERTICAL SCALE IN FEET
HORIZONTAL SCALE IN FEET
VERTICAL SCALE IN METERS
HORIZONTAL SCALE IN METERS

GENERAL NOTES

1. Obstructions, clearances and locations are calculated from ultimate runway and elevations and ultimate approach surfaces, unless otherwise noted.
2. Depiction of features and objects within the primary, transitional and horizontal Part 77 surfaces, is illustrated on the PART 77 AIRSPACE DRAWING, sheet 2 of these plans.
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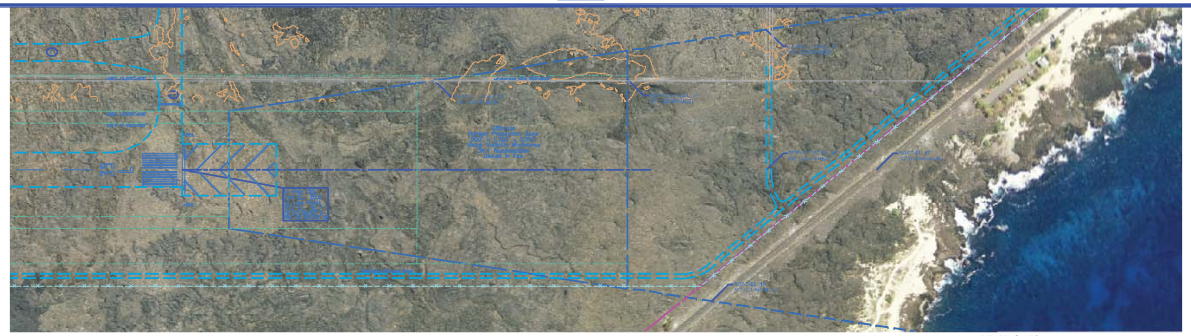
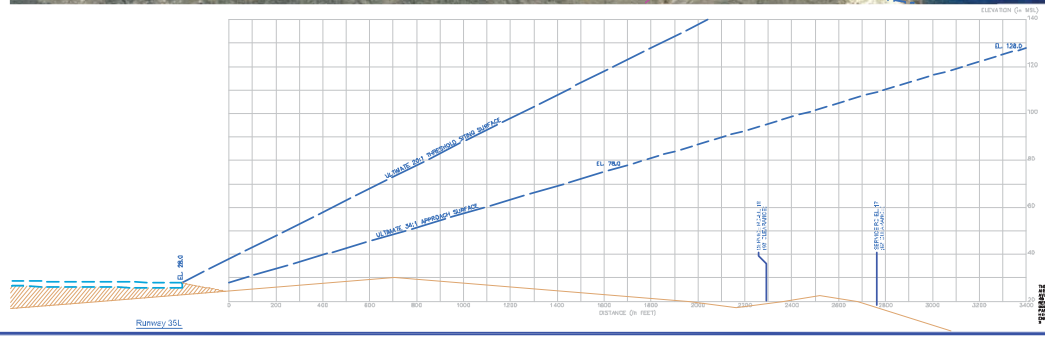
5. Distance for road obstructions and clearances reflect a safety clearance of 10' for airport service roads, 15' for non-interstate roads, 17' for interstate roads and 23' for railroads.
6. Existing and future height and hazard ordinances are to be amended and/or referenced upon approval of updated PART 77 AIRSPACE DRAWINGS.



Magnetic Variance
09° 48' East (January 2008)
Annual Rate of Change
00° 06' West (January 2008)



VERTICAL SCALE IN FEET
HORIZONTAL SCALE IN FEET
VERTICAL SCALE IN METERS
HORIZONTAL SCALE IN METERS

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OBSTRUCTION TABLE

Object Description	Obstructed Part 77 Surface	Object Elevation	Surface Elevation	Object Penetration	Proposed Object Description
NONE					

Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

LOCATION MAP

NO.	DATE	PROPOSED REVISIONS
FAA ALP APPROVED: SEPTEMBER 23, 2010		
FAA APPROVAL		

FAA APPROVED:
SEE FAA LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION, STATE OF HAWAII — DATE

KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:
INNER PORTION OF RUNWAY 17R-35L APPROACH SURFACE DRAWING

DRAFT

DATE: AUGUST 19, 2010
DWG NO:
SHEET 7 OF 12 SHEETS

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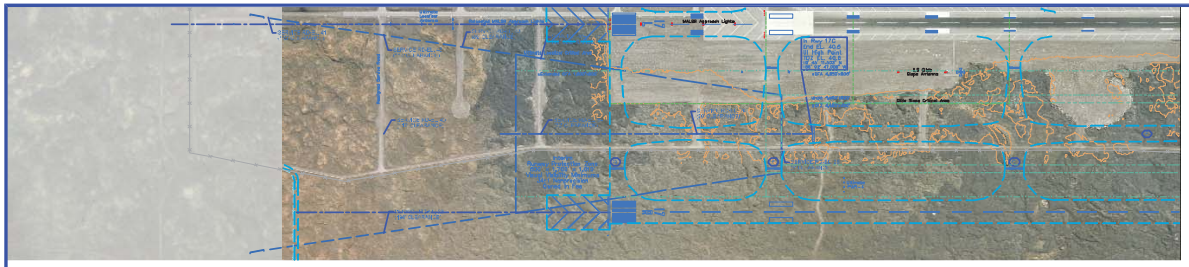

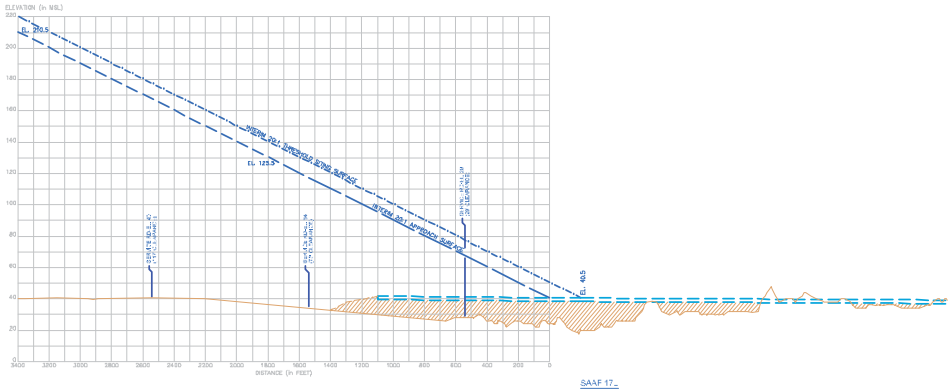

SAAF 17_

Magnetic Variance
09° 48' East (January 2009)
Annual Rate of Change
00° 00' West (January 2009)

GENERAL NOTES

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5. Distance for road obstructions and clearances reflect a safety clearance of 10' for airport service roads, 15' for non-interstate roads, 17' for interstate roads and 23' for railroads.
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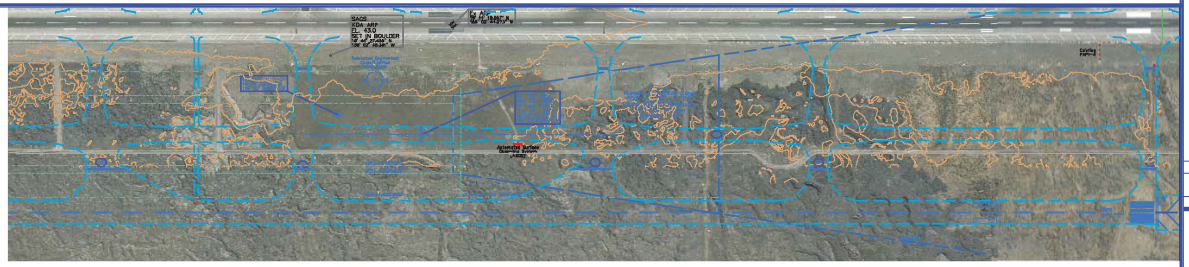

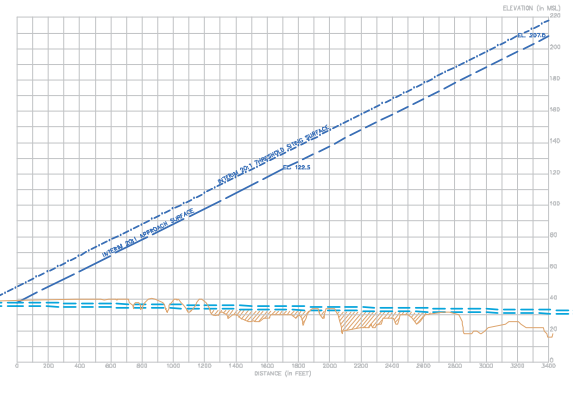

SAAF 35R

Magnetic Variance
09° 48' East (January 2009)
Annual Rate of Change
00° 00' West (January 2009)

VERTICAL SCALE IN FEET 0 50 100
HORIZONTAL SCALE IN FEET 0 300 600
VERTICAL SCALE IN METERS 0 5 10
HORIZONTAL SCALE IN METERS 0 50 100

OBSTRUCTION TABLE

Object Description	Obstructs Part 77 Surface	Object Elevation	Surface Elevation	Object Penetration	Proposed Object Disposition
NONE					

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S T A T E O F H A W A I I , U S A

Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

LOCATION MAP

NO.	DATE	PROPOSED REVISIONS

FAA ALP APPROVED:
SEPTEMBER 23, 2010
FAA APPROVAL

FAA APPROVED:
REFER TO LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION, STATE OF HAWAII — DATE

KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:
INNER PORTION OF INTERIM RUNWAY 17-35 APPROACH SURFACE DRAWING

DRAFT

DATE: AUGUST 19, 2010
DWG NO:
SHEET 8 OF 12 SHEETS

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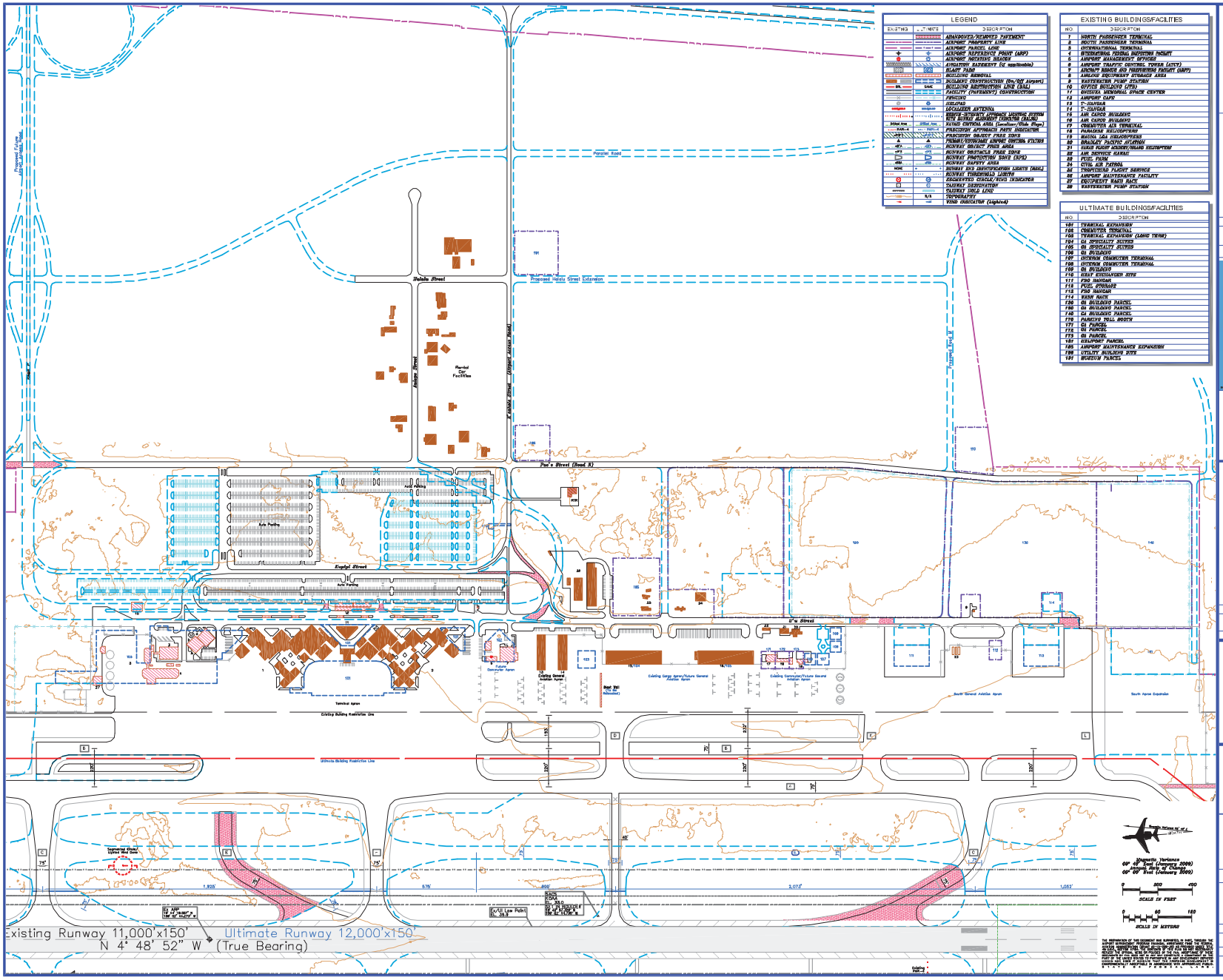


LEGEND

EXISTING	ULTIMATE	DESCRIPTION
		ABANDONED/REMOVED PAVEMENT
		AIRPORT PROPERTY LINE
		AIRPORT PARCEL LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		AVIGATION EASEMENT (if applicable)
		BLAST PAD
		BUILDING REMOVAL
		BUILDING CONSTRUCTION (On/Off Airport)
BRL	SAME	BUILDING RESTRICTION LINE (BRL)
		FACILITY (PAVEMENT) CONSTRUCTION
		FENCING
		HELIPAD
		LOCALIZER ANTENNA
		REMOTE STATUS MONITOR LANDING SYSTEM
		RUN BUNAY ASSISTY FUNCTION (RAIM)
		RAYMO CRITICAL AREA (Localizer/Glide Slope)
		PRECISION APPROACH PATH INDICATOR
		PRECISION OBJECT FREE ZONE
		TRANS/TERMINAL AIRPORT CONTROL FILTER
		RUNWAY OBJECT FREE AREA
		RUNWAY OBSTACLE FREE ZONE
		RUNWAY PROTECTION ZONE (RPZ)
		RUNWAY SAFETY AREA
NONE		RUNWAY EDGE IDENTIFICATION LIGHTS (REIL)
		RUNWAY THRESHOLD LIGHTS
		SEGMENTED CIRCLE/WIND INDICATOR
		TAXIWAY DESIGNATION
		TAXIWAY EDGE LINE
	N/A	TOPOGRAPHY
		VORP INDICATOR (Lighted)

EXISTING BUILDINGS/FACILITIES

NO.	DESCRIPTION
1	NORTH PASSENGER TERMINAL
2	SOUTH PASSENGER TERMINAL
3	INTERNATIONAL TERMINAL
4	INTERNATIONAL FEDERAL INSPECTION FACILITY
5	AIRPORT MANAGEMENT OFFICES
6	AIRPORT TRAFFIC CONTROL TOWER (ATCT)
7	AIRCRAFT RESCUE AND FIREFIGHTING FACILITY (ARFF)
8	AIRLINE EQUIPMENT STORAGE AREA
9	WASTEWATER PUMP STATION
10	OFFICE BUILDING (FTS)
11	OHTSUKA MEMORIAL SPACE CENTER
12	AIRPORT CAFE
13	T-HANGAR
14	T-HANGAR
15	AIR CARGO BUILDING
16	AIR CARGO BUILDING
17	COMMUTER AIR TERMINAL
18	PARADISE HELICOPTERS
19	MAUNA LOA HELICOPTERS
20	BRAINLIFT PACIFIC AVIATION
21	KONA FLIGHT SCHOOL/ISLAND HELICOPTERS
22	AIR SERVICE HAWAII
23	FUEL FARM
24	CIVIL AIR PATROL
25	TROPICBIRD FLIGHT SERVICE
26	AIRPORT MAINTENANCE FACILITY
27	EQUIPMENT WASH RACK
28	WASTEWATER PUMP STATION

ULTIMATE BUILDINGS/FACILITIES

NO.	DESCRIPTION
101	TERMINAL EXPANSION
102	COMMUTER TERMINAL
103	TERMINAL EXPANSION (LONG TERM)
104	GA SPECIALTY SUITES
105	GA SPECIALTY SUITES
106	GA BUILDING
107	INTERNA COMMUTER TERMINAL
108	INTERNA COMMUTER TERMINAL
109	GA BUILDING
110	RENT EXCHANGER SITE
111	FBO HANGAR
112	FUEL STORAGE
113	FBO HANGAR
114	WASH RACK
120	GA BUILDING PARCEL
130	GA BUILDING PARCEL
140	GA BUILDING PARCEL
170	PARKING TOLL BOOTH
171	GA PARCEL
172	GA PARCEL
173	GA PARCEL
180	AIRPORT PARCEL
185	AIRPORT MAINTENANCE EXPANSION
190	UTILITY BUILDING SITE
191	MUSEUM PARCEL

Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

LOCATION MAP

NO.	DATE	PROPOSED REVISIONS

FAA ALP APPROVED:
SEPTEMBER 23, 2010
FAA APPROVAL

FAA APPROVED:
SEE REVISION LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION, STATE OF HAWAII — DATE

KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:
TERMINAL/GENERAL AVIATION DRAWING

DATE: AUGUST 19, 2010

DWG NO:

SHEET 9 OF 12 SHEETS

LEGEND

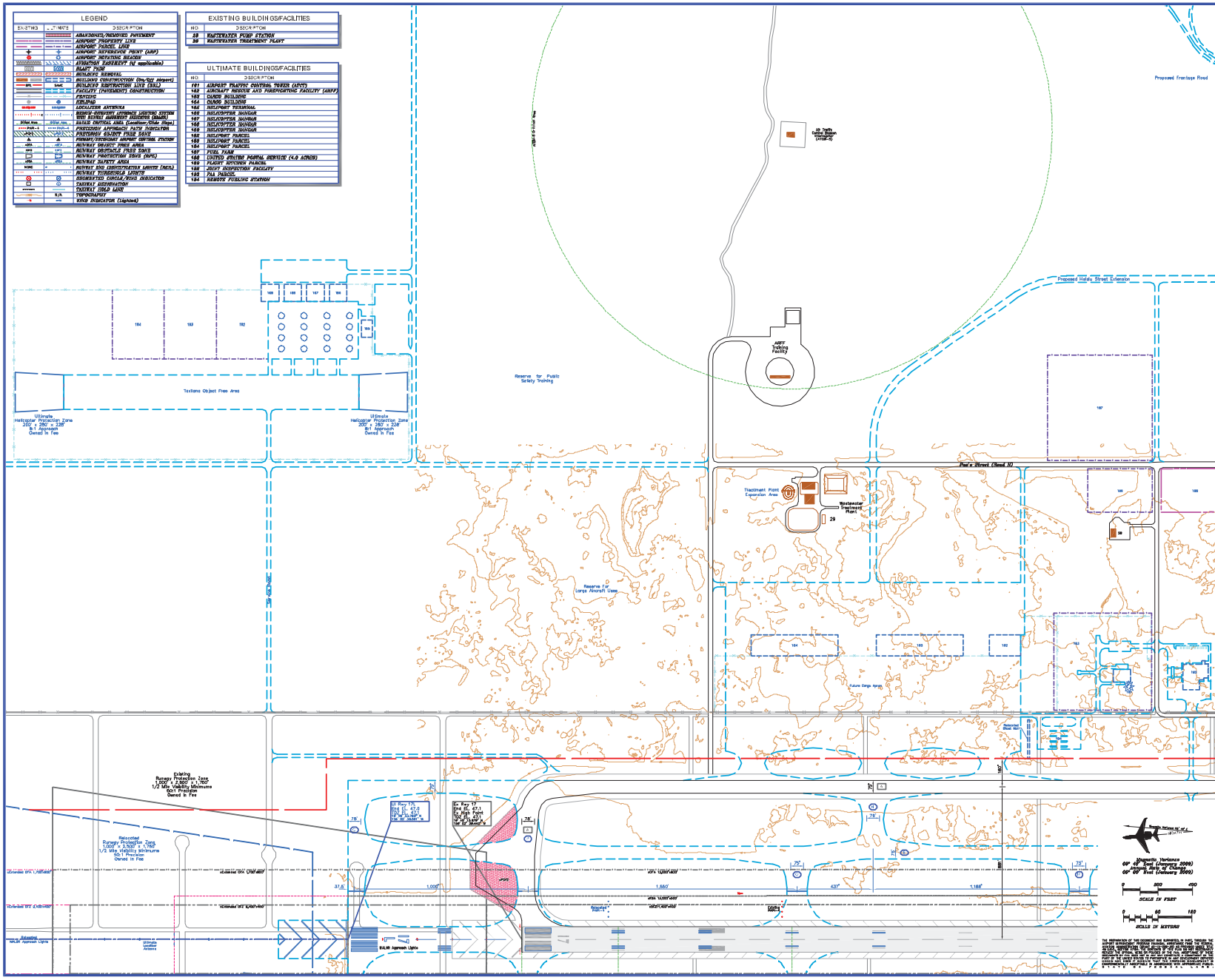
EXISTING	ULTIMATE	DESCRIPTION
		ABANDONED/REMOVED PAVEMENT
		AIRPORT PROPERTY LINE
		AIRPORT PARCEL LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		EXTENTION EASEMENT (if applicable)
	SGN	BLAST PADS
		BUILDING REMOVAL
		BUILDING CONSTRUCTION (On/Off Airport)
	SANC	BUILDING RESTRICTION LINE (BRL)
		FACILITY (PAVEMENT) CONSTRUCTION
		PERIMETER
		HELIPAD
		LOCALIZER ANTENNA
		MEDIUM-INTENSITY APPROACH LIGHTING SYSTEM WITH RUNWAY IDENTIFICATION LIGHTS (MALSR)
RPZ(Ext.Rwy)	RPZ(Ult.Rwy)	RUNWAY CRITICAL AREA (Localizer/Glide Slope)
PAPI-4	PAPI-4	PRECISION APPROACH PATH INDICATORS
		PRECISION SAFETY FIELD SAFE
		PRIMARY/EMERGENCY AIRPORT CONTROL STATION
OBJ	OBJ	RUNWAY OBJECT FREE AREA
OFZ	OFZ	RUNWAY OBSTACLE FREE ZONE
RPZ	RPZ	RUNWAY PROTECTION ZONE (RPZ)
OFA	OFA	RUNWAY SAFETY AREA
NONE		RUNWAY END IDENTIFICATION LIGHTS (REIL)
		RUNWAY TOUCHDOWN LIGHTS
		SEGMENTED CIRCLE/WIND INDICATOR
		TAXIWAY DESIGNATION
		TAXIWAY HOLD LINE
	N/A	TOPOGRAPHY
		WIND INDICATOR (lighted)

EXISTING BUILDINGS/FACILITIES

NO.	DESCRIPTION
28	WASTEWATER PUMP STATION
29	WASTEWATER TREATMENT PLANT

ULTIMATE BUILDINGS/FACILITIES

NO.	DESCRIPTION
161	AIRPORT TRAFFIC CONTROL TOWER (ATCT)
162	AIRCRAFT RESCUE AND FIREFIGHTING FACILITY (ARFF)
163	CARGO BUILDING
164	CARGO BUILDING
165	AIRPORT TERMINAL
166	HELICOPTER HANGAR
167	HELICOPTER HANGAR
168	HELICOPTER HANGAR
169	HELICOPTER HANGAR
182	AIRPORT PARCEL
183	AIRPORT PARCEL
184	AIRPORT PARCEL
187	FUEL FARM
188	UNITED STATES POSTAL SERVICE (4.0 ACRES)
189	FLIGHT KITCHEN PARCEL
190	JOINT INSPECTION FACILITY
193	FAA PARCEL
194	REMOTE PUBLIC STATION



Airports Division

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KEY PLAN / NOTES :

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KONA INTERNATIONAL AIRPORT AT KEAHOLE
KEAHOLE, NORTH KONA, HAWAII

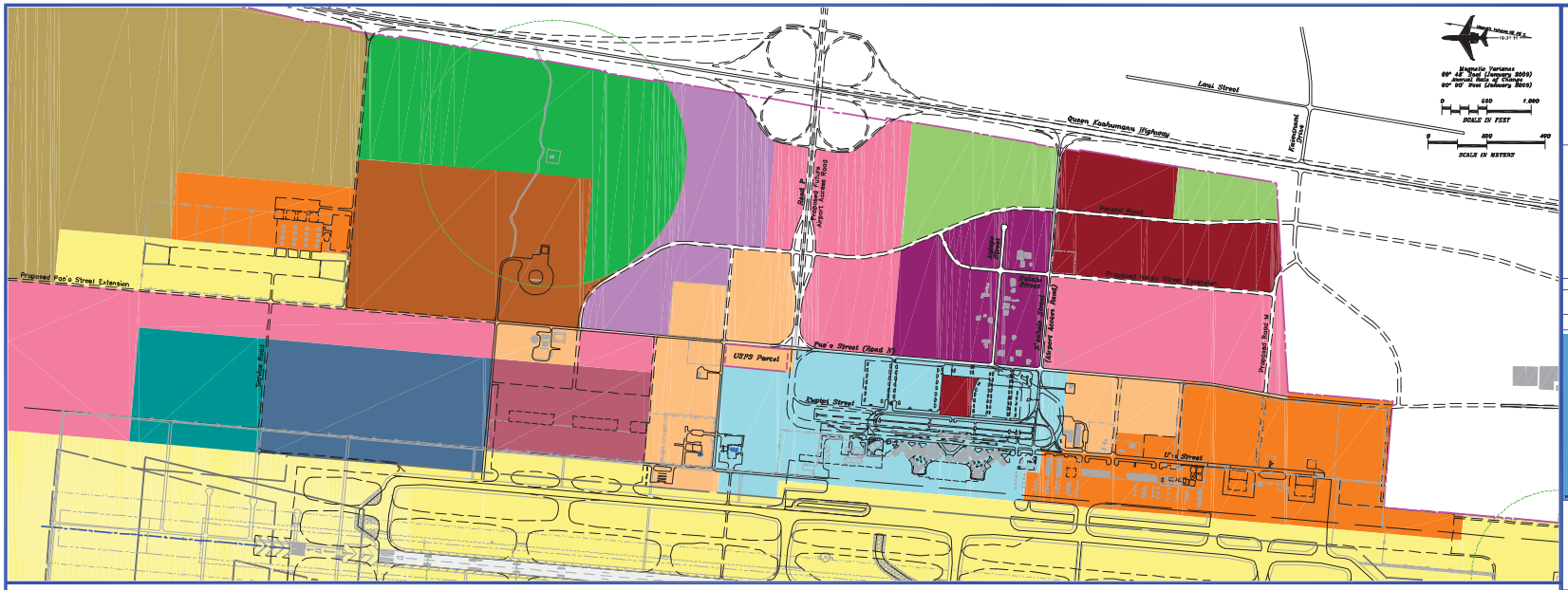
AIRPORT LAYOUT PLANS

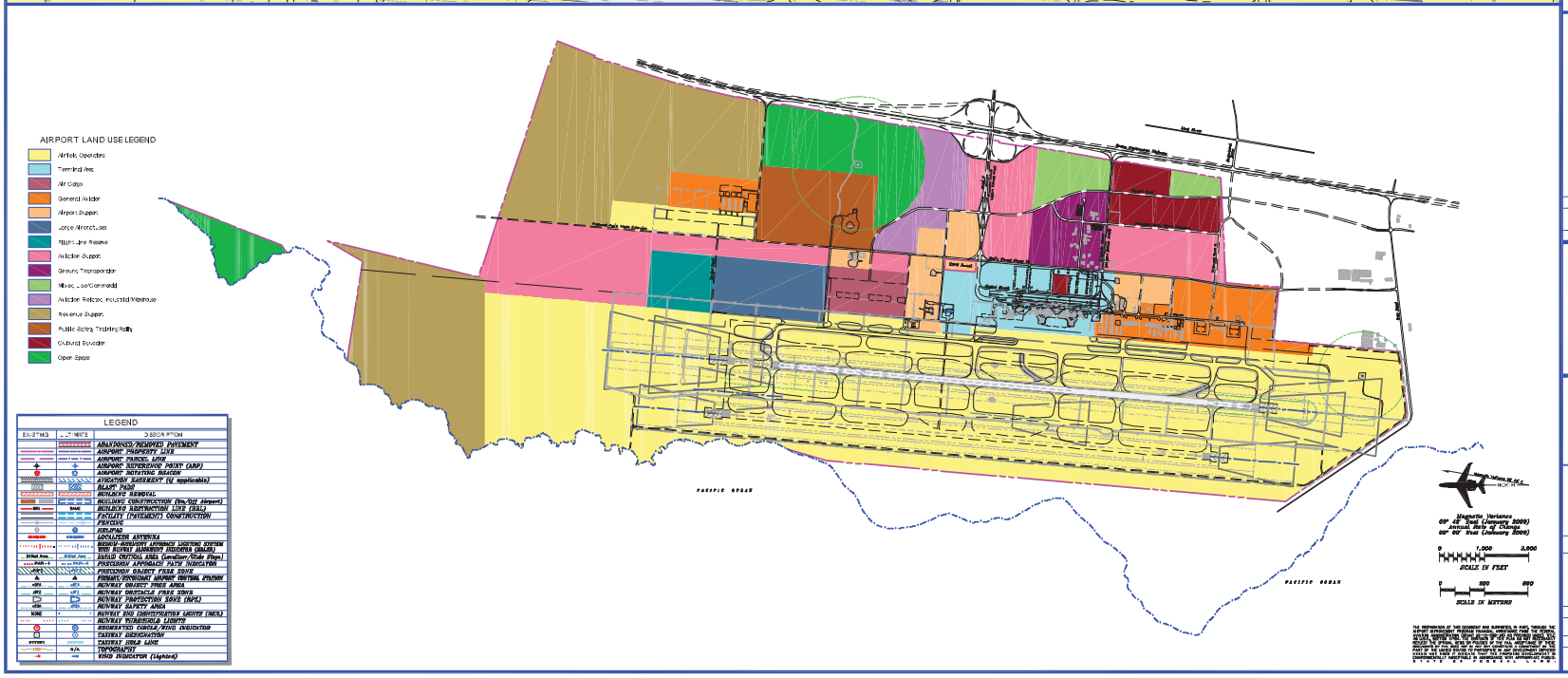
SHEET TITLE:
AIR CARGO DRAWING

DATE: AUGUST 19, 2010

DWG NO:

SHEET 10 OF 12 SHEETS





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Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

LOCATION MAP

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KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:
AIRPORT LAND USE DRAWING

DRAFT

DATE: AUGUST 19, 2010

DWG NO:

SHEET 11 OF 12 SHEETS

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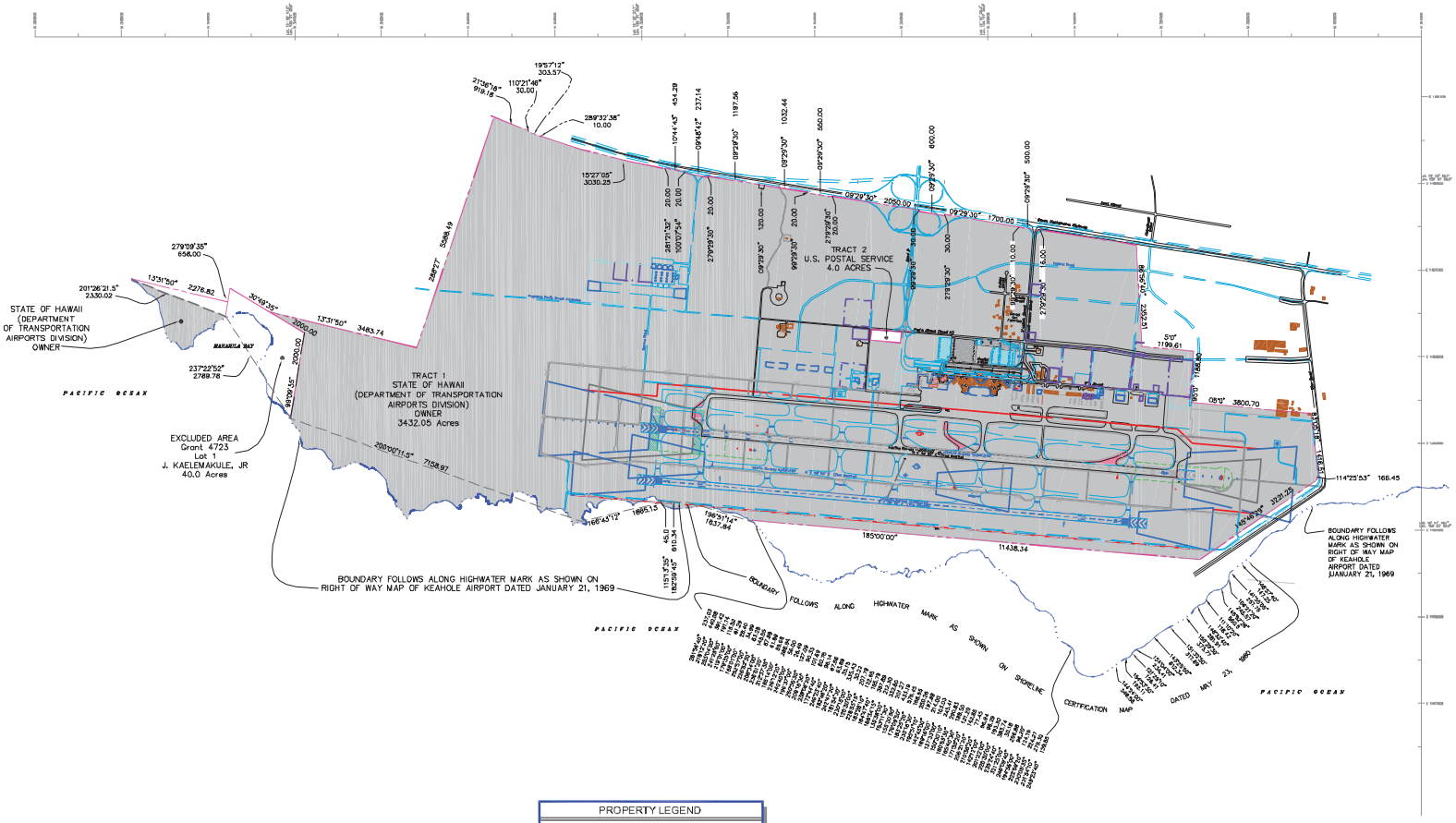

PROPERTY LEGEND

- EXISTING PROPERTY BOUNDARY LINE
- AIRPORT PROPERTY
- ULTIMATE PARCEL LINE
- SURVEY LINE
- SHORE LINE

GENERAL NOTES:

1. Property data from Boundary Map, dated June 2001 State of Hawaii Department of Transportation, Airports Division.

EXISTING PROPERTY DATA

TRACT	ACREAGE	PROPERTY INTEREST	OWNER	RECORD DATE	PROJECT NUMBER	REMARKS
1	3432.05	DEED	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION	08/06/1987		AIRPORT PORTION OF ORIGINAL 4201.1 ACRES
2	4.0	RELEASED	U.S. POSTAL SERVICE	12/18/1992		GRANTEE - U.S. POSTAL SERVICE

Magnetic Variance
09° 42' East (January 2006)
Annual Rate of Change
00° 03' West (January 2006)

SCALE IN FEET: 0 1000 2000

SCALE IN METRES: 0 500 600

THE INFORMATION OF THIS DOCUMENT WAS COMPILED FROM THE AIRPORT IMPROVEMENT PROGRAM (AIP) ADMINISTERED THROUGH THE FEDERAL AVIATION ADMINISTRATION (FAA). THE FAA ASSISTS THE STATE OF HAWAII, AIRPORTS DIVISION IN THE PLANNING OF THE AIRPORT AND AIRPORT FACILITIES. THE FAA DOES NOT ASSUME ANY RESPONSIBILITY FOR THE PLANNING OR DESIGN OF THE AIRPORT OR ANY PART OF THE AIRPORT. THERE IS FURTHER NO THE FAA ACCEPTANCE OF THESE PLANS OR DESIGNS. THE FAA ASSUMES NO RESPONSIBILITY FOR ANY PART OF THE AIRPORT. STATE OF HAWAII IS RESPONSIBLE FOR ENVIRONMENTAL COMPLIANCE AND ENVIRONMENTAL ASSISTANCE IS AVAILABLE THROUGH THE APPROPRIATE FIELD, STATE OF HAWAII, HAWAII.

Airports Division

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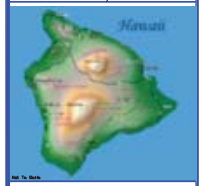
KEY PLAN / NOTES :



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KEAHOLE, NORTH KONA, HAWAII

AIRPORT LAYOUT PLANS

SHEET TITLE:
EXHIBIT A AIRPORT PROPERTY MAP
DRAFT

DATE: JUNE 30, 2010
DWG NO:
SHEET 12 OF 12 SHEETS

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