

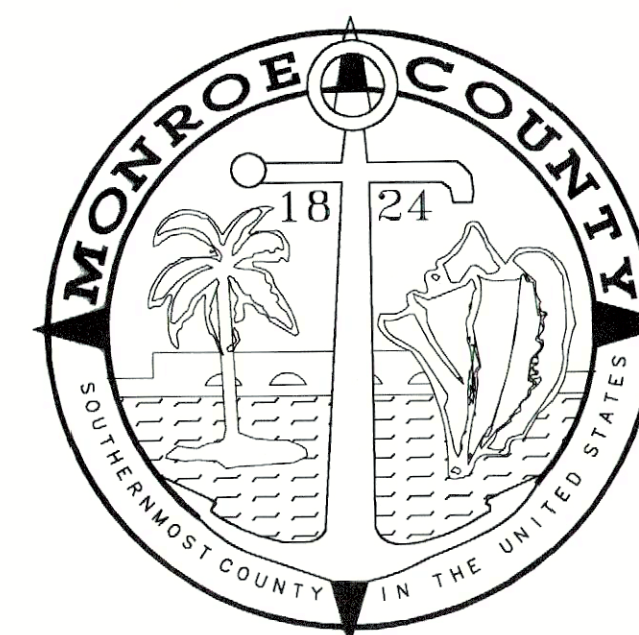
AIRPORT LAYOUT PLANS

KEY WEST INTERNATIONAL AIRPORT

MONROE COUNTY, FLORIDA

PREPARED FOR:

BOARD OF COUNTY COMMISSIONERS
MONROE COUNTY, FLORIDA



PREPARED BY:

URS

JUNE, 2003

VICINITY MAP



VICINITY MAP

SCALE: 1:24,000

INDEX OF DRAWINGS

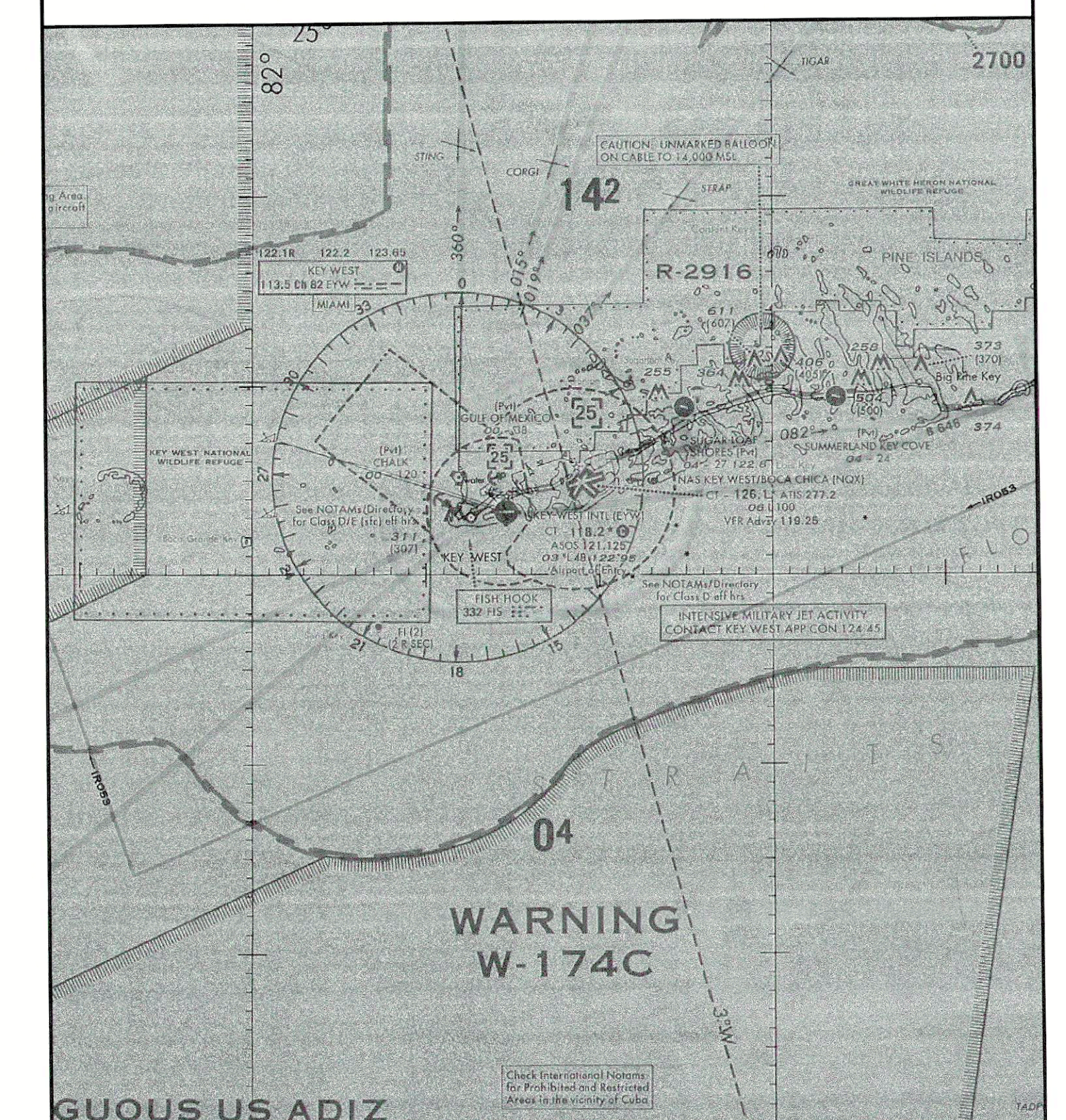
TITLE

AIRPORT LAYOUT PLAN
AIRPORT AIRSPACE PLAN
INNER APPROACH PLAN & PROFILE RUNWAY 9
INNER APPROACH PLAN & PROFILE RUNWAY 27
TERMINAL AREA PLAN
ON AIRPORT LAND USE PLAN
AIRPORT PROPERTY MAP

SHEET NO.

1 OF 7
2 OF 7
3 OF 7
4 OF 7
5 OF 7
6 OF 7
7 OF 7

LOCATION MAP



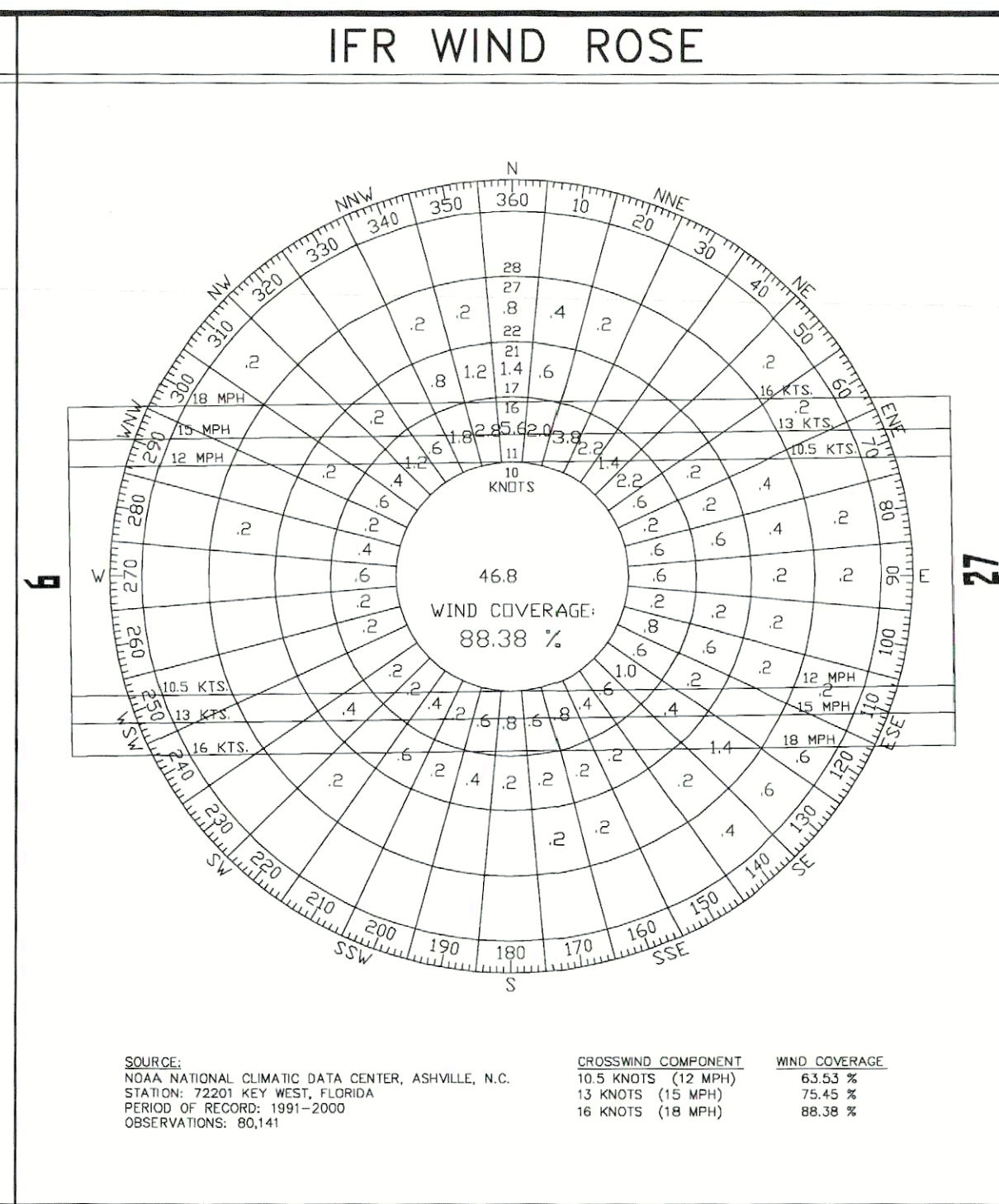
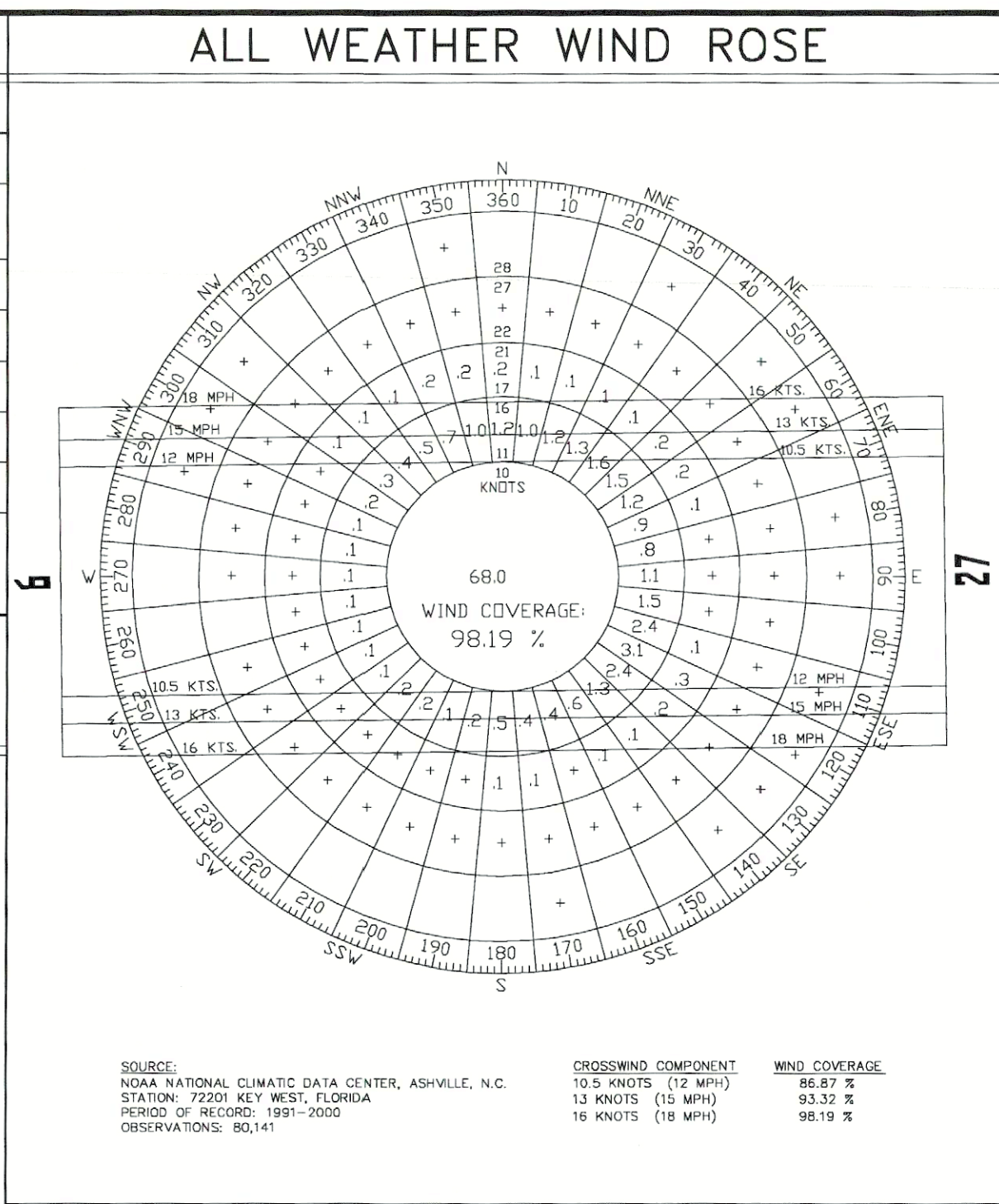
LOCATION MAP

SCALE: 1:500,000

5/8/03

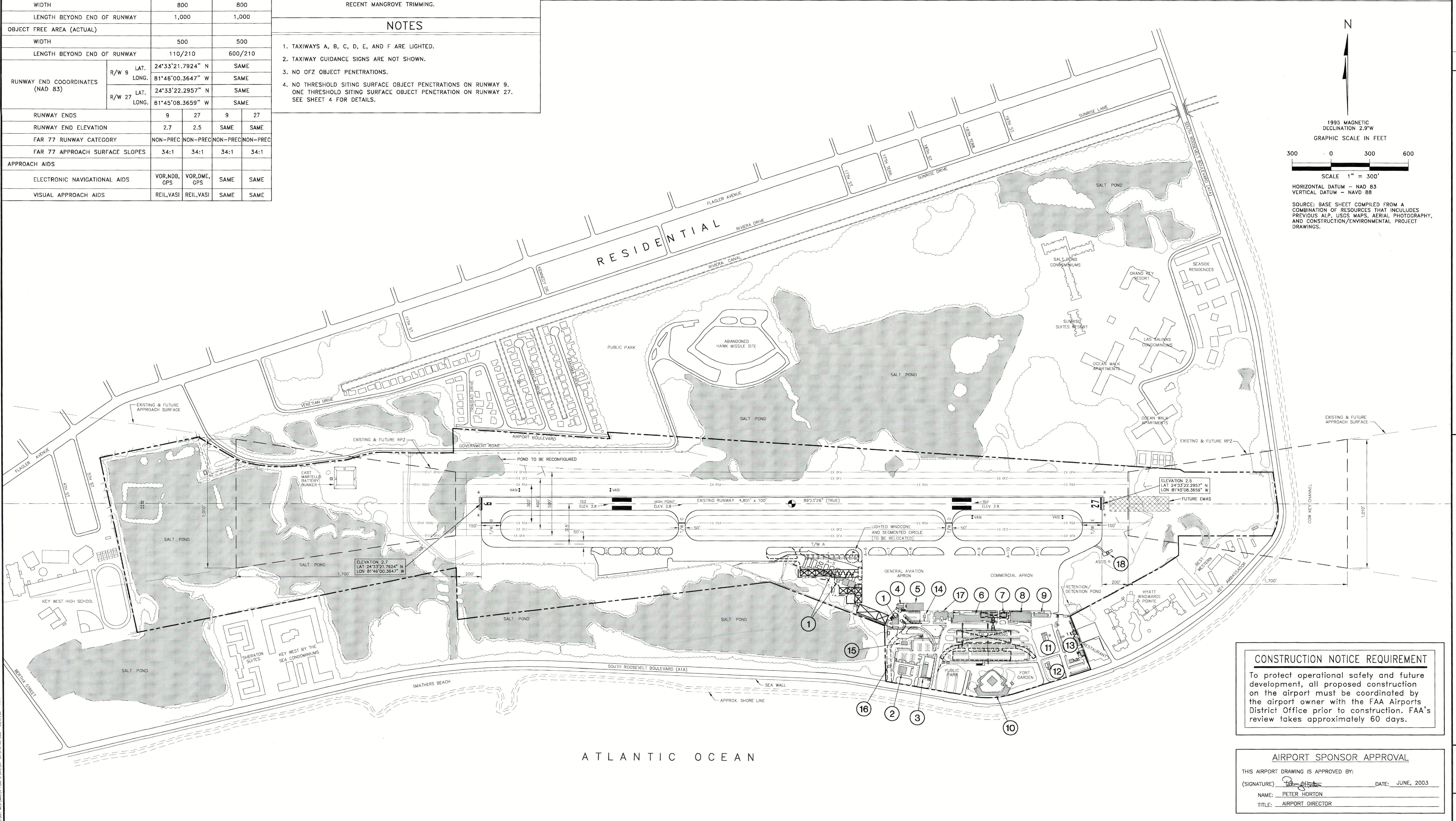
RUNWAY DATA TABLE			
ITEM	RUNWAY 9/27		
	EXISTING	ULTIMATE	
RUNWAY LENGTH/WIDTH (FT.)	4,801/100	4,801/100	
AIRPORT REFERENCE CODE (ARC)	C-III	C-III	
EFFECTIVE RUNWAY GRADIENT %	0.0	0.0	
RUNWAY PAVEMENT STRENGTH (LBS.)			
SINGLE-WHEEL	40,000	40,000	
DUAL-WHEEL	95,000	95,000	
DUAL-WHEEL TANDEM	130,000	130,000	
RUNWAY PAVEMENT TYPE	ASPHALT/GROOVED	ASPHALT/GROOVED	
RUNWAY LIGHTING	MIRL	MIRL	
RUNWAY MARKING	VISUAL	NON-PREC	
APPROACH VISIBILITY MINIMUMS	1 MILE/1 MILE	1 MILE/1 MILE	
CRITICAL AIRCRAFT (WINGSPAN)	ATR-72	ATR-72	
CRITICAL AIRCRAFT (APPROACH SPEED)	CRJ-700	CRJ-700	
RUNWAY SAFETY AREA (DESIGN STANDARD)			
WIDTH	500	500	
LENGTH BEYOND END OF RUNWAY	1,000	1,000	
RUNWAY SAFETY AREA (ACTUAL)			
WIDTH	300	300	
LENGTH BEYOND END OF RUNWAY	110/210	600/EMAS	
OBJECT FREE AREA (DESIGN STANDARD)			
WIDTH	800	800	
LENGTH BEYOND END OF RUNWAY	1,000	1,000	
OBJECT FREE AREA (ACTUAL)			
WIDTH	500	500	
LENGTH BEYOND END OF RUNWAY	110/210	600/210	
RUNWAY END COORDINATES (NAD 83)	R/W 9 LAT. 24°33'21.7924" N LONG. 81°46'00.3647" W	SAME	
	R/W 27 LAT. 24°33'22.2957" N LONG. 81°45'08.3659" W	SAME	
RUNWAY ENDS	9 27	9 27	
RUNWAY END ELEVATION	2.7	2.5	SAME SAME
FAR 77 RUNWAY CATEGORY	NON-PREC	NON-PREC	NON-PREC
FAR 77 APPROACH SURFACE SLOPES	34:1	34:1	34:1 34:1
APPROACH AIDS			
ELECTRONIC NAVIGATIONAL AIDS	VOR,NDB, GPS	VOR,DME, GPS	SAME SAME
VISUAL APPROACH AIDS	REIL,VASI	REIL,VASI	SAME SAME

AIRPORT DATA TABLE			
ITEM		EXISTING	ULTIMATE
OFFICIAL AIRPORT ELEVATION (MSL)		3	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	LAT: 24°33'22.0441" N LONG: 81°45'34.3653" W		SAME
NORMAL MAXIMUM HOTTEST MONTH (JULY)		89.5°F	SAME
AIRPORT SERVICE LEVEL (NPIAS)		PR	SAME
TERMINAL NAVAIDS		NDB/VOR	SAME
TAXIWAY LIGHTING		MITL	SAME
AIRPORT ACREAGE (FEE SIMPLE)		254.75	SAME
AIRPORT VISUAL AIDS		BEACON, LIGHTED WIND CONE	SAME
PROPOSED MODIFICATIONS TO FAA AIRPORT DESIGN STANDARDS			
ITEM:	RUNWAY CENTERLINE TO TAXIWAY CENTERLINE SEPARATION		
DESIGN STANDARD:	400 FEET FOR AIRPORT REFERENCE CODE C-III		
PROPOSED STANDARD:	315 FEET		
RATIONALE:	EXISTING SEPARATION WILL KEEP WINGTIP OF CRITICAL AIRCRAFT (ATR-72) OUTSIDE OF RUNWAY SAFETY AREA AND OBSTACLE FREE ZONE.		
ITEM:	RUNWAY OBJECT FREE AREA WIDTH		
DESIGN STANDARD:	WIDTH OF 800 FEET FOR AIRPORT REFERENCE CODE C-III		
PROPOSED STANDARD:	WIDTH OF 500 FEET		
RATIONALE:	WIDTH OF 800 FEET EXTENDS BEYOND AIRPORT PROPERTY LINE AND ENCOMPASSES AREAS OF MANGROVES THAT WOULD NOT OTHERWISE REQUIRE CLEARING. WIDTH OF 500' HAS ALREADY BEEN CLEARED PER RECENT MANGROVE TRIMMING.		
NOTES			
1. TAXIWAYS A, B, C, D, E, AND F ARE LIGHTED.			
2. TAXIWAY GUIDANCE SIGNS ARE NOT SHOWN.			
3. NO OFZ OBJECT PENETRATIONS.			
4. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS ON RUNWAY 9. ONE THRESHOLD SITING SURFACE OBJECT PENETRATION ON RUNWAY 27. SEE SHEET 4 FOR DETAILS.			



BUILDING LEGEND		
NUMBER	DESCRIPTION	* ELEV.
1	AIRCRAFT STORAGE HANGARS	24'
2	FLORIDA HIGHWAY PATROL STATION	29'
3	TEENAGE CENTER OF KEY WEST	29'
4	FBO OFFICE	15'
5	FBO MAINTENANCE HANGAR	34'
6	AIRPORT PASSENGER TERMINAL	55'-ANT
7	TERMINAL ANNEX	16'
8	FEDERAL INSPECTION STATION	35'
9	FEDERAL EXPRESS CARGO TERMINAL	20'
10	EAST MARTELLO GALLERY AND MUSEUM	40'
11	AVIS RENTAL CAR	16'
12	DOLLAR RENTAL CAR	16'
13	DEPARTMENT OF PUBLIC WORKS	20'
14	AIRPORT TRAFFIC CONTROL TOWER	80'-ANT
15	AVIATION FUEL FARM	16'
16	STORAGE BUILDING	15'
17	ARFF STATION	39'
18	NWS BALLOON LAUNCH FACILITY	37'

LEGEND		
ITEM	EXISTING	FUTURE
AIRPORT PROPERTY LINE	---	---
AIRFIELD PAVEMENT	---	---
BUILDINGS	■	☒
ROADS & PARKING	---	---
SECURITY FENCE	x-x-x-x-x	x-x-x-x-x
RUNWAY SAFETY AREA	---	---
RUNWAY OBJECT FREE AREA	---	---
RUNWAY OBJECT FREE ZONE	---	---
WATER/WETLAND	■	N/A
TREE LINE/GREEN BELT	■	N/A
THRESHOLD LIGHTS	...	...
REIL	■	■
VASI	■	■
ARP	■	■
AIRPORT BEACON	■	■
LIGHTED WIND SOCK AND SEGMENTED CIRCLE	■	■



AIRPORT LAYOUT PLAN

KEY WEST INTERNATIONAL AIRPORT

MONROE COUNTY, FLORIDA

PREPARED FOR
BOARD OF COUNTY COMMISSIONERS
MONROE COUNTY, FLORIDA

GENERAL CONSULTANTS
URS

DESIGNED: **HRK**
DRAWN: **RLM** CHECKED: **MLT**
PROJECT MANAGER: **HRK**
PROJECT DIRECTOR: **MR**

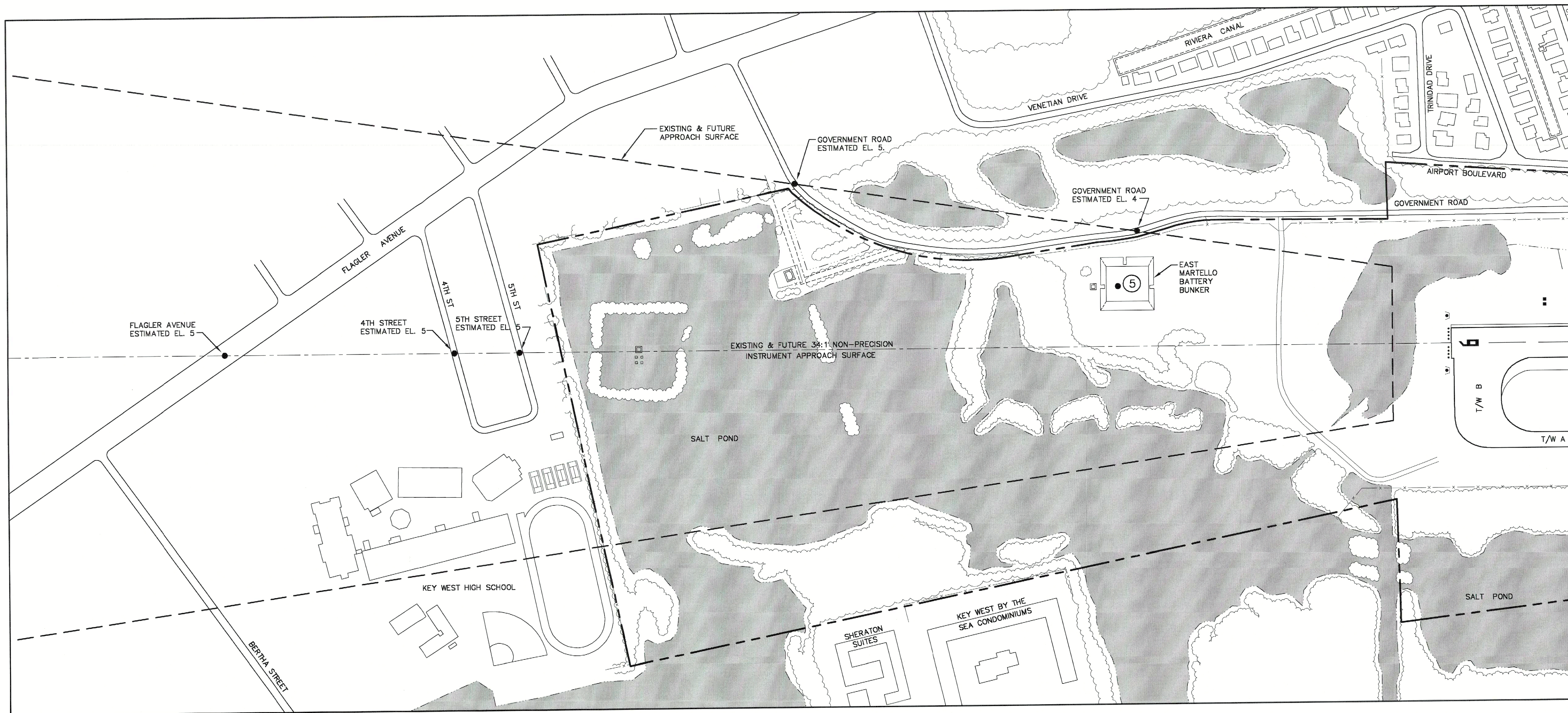
DATE: 06/03
SHEET: 1 OF 7

CONSTRUCTION NOTICE REQUIREMENT

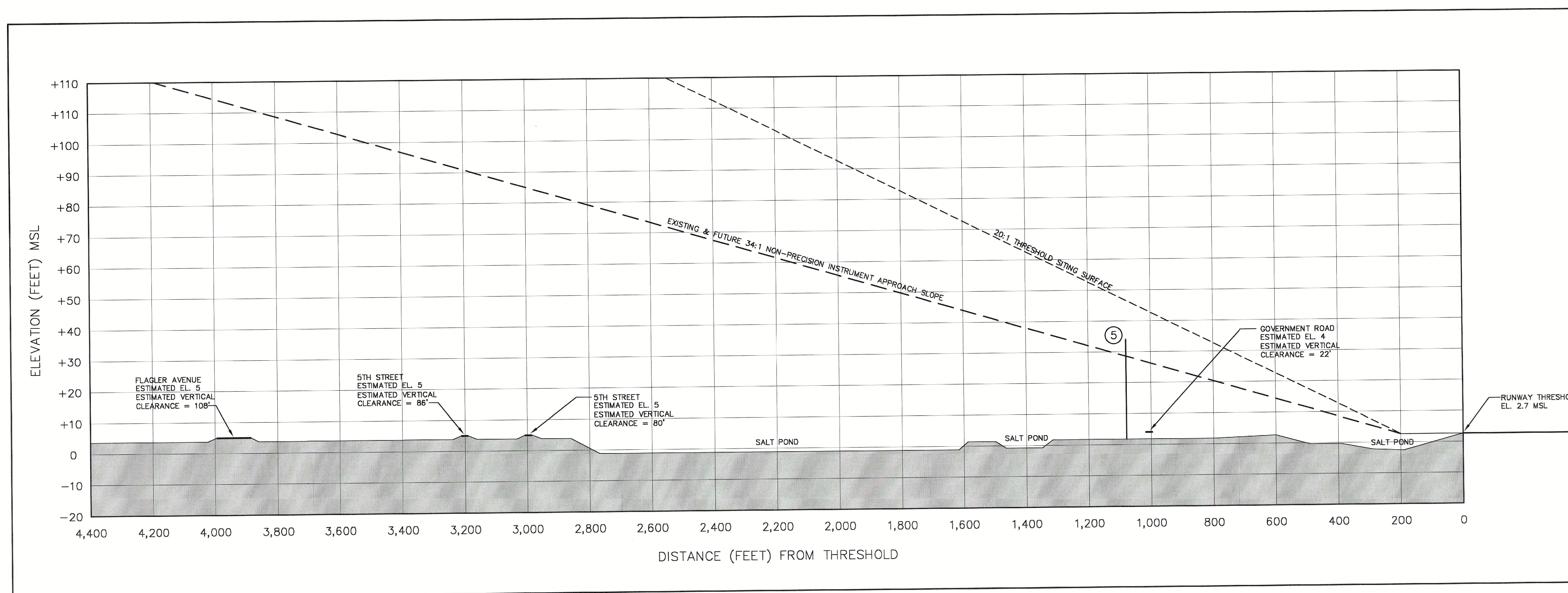
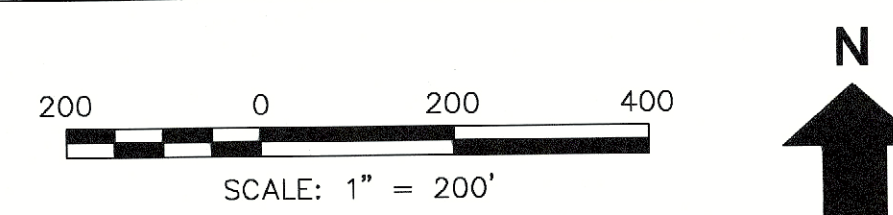
To protect operational safety and future development, all proposed construction on the airport must be coordinated by the airport owner with the FAA Airports District Office prior to construction. FAA's review takes approximately 60 days.

AIRPORT SPONSOR APPROVAL

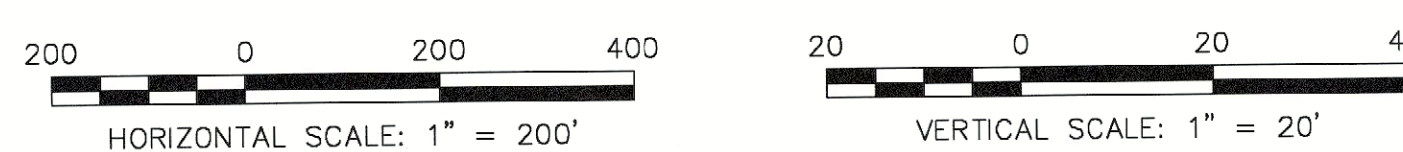
THIS AIRPORT DRAWING IS APPROVED BY:
(SIGNATURE) **PETER HORTON** DATE: JUNE, 2003
NAME: **PETER HORTON**
TITLE: **AIRPORT DIRECTOR**



RUNWAY 9 INNER APPROACH SURFACE PLAN VIEW



RUNWAY 9 INNER APPROACH SURFACE PROFILE VIEW

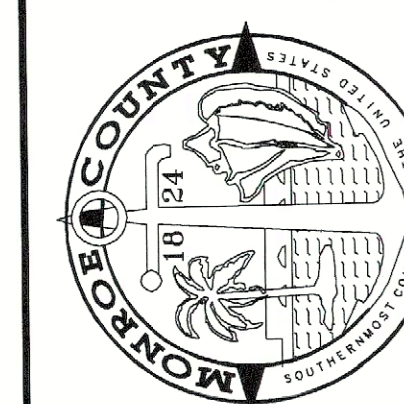


OBSTRUCTION TABLE								
NO.	DESCRIPTION	OBSTACLE ELEVATION (MSL)	APPROACH TYPE	APPROACH SLOPE	LOWEST AFFECTED FAR PART 77 SURFACE	PENETRATION	RECOMMENDED ACTION	LIGHTED
5	POLE	34.0	NON-PRECISION INSTRUMENT	34:1	INNER APPROACH R/W 9	5.5	NO ACTION	NO

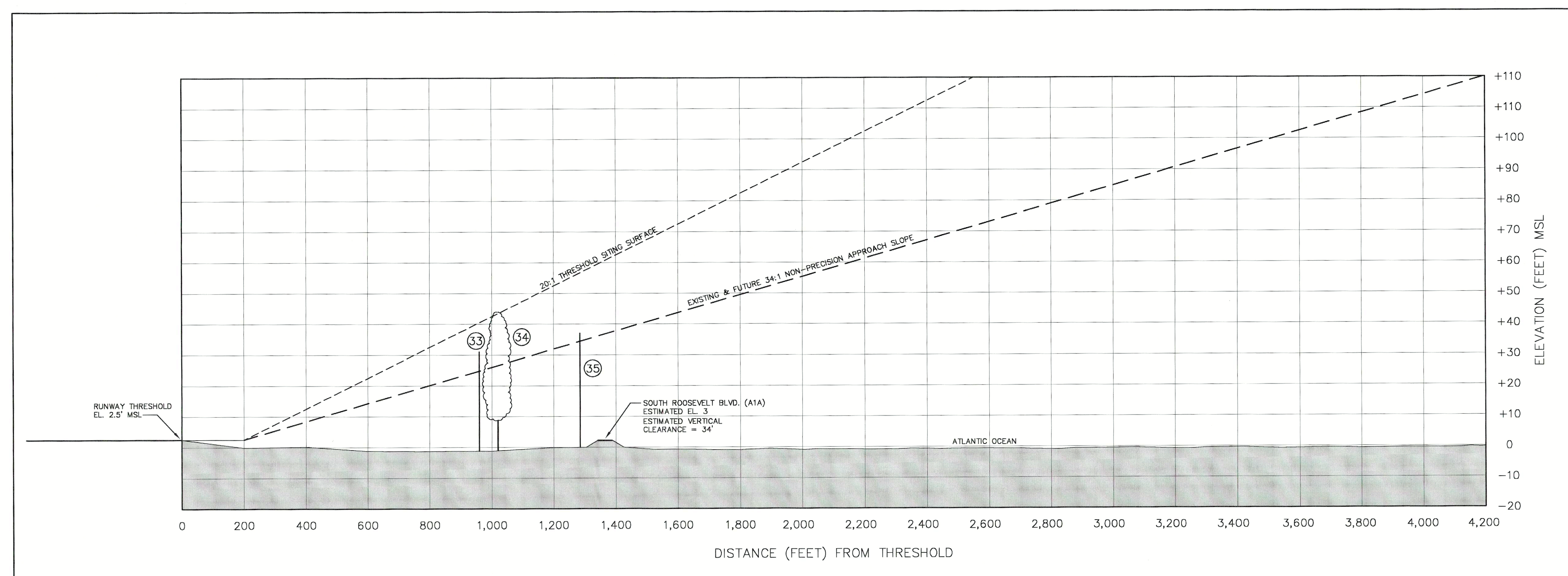
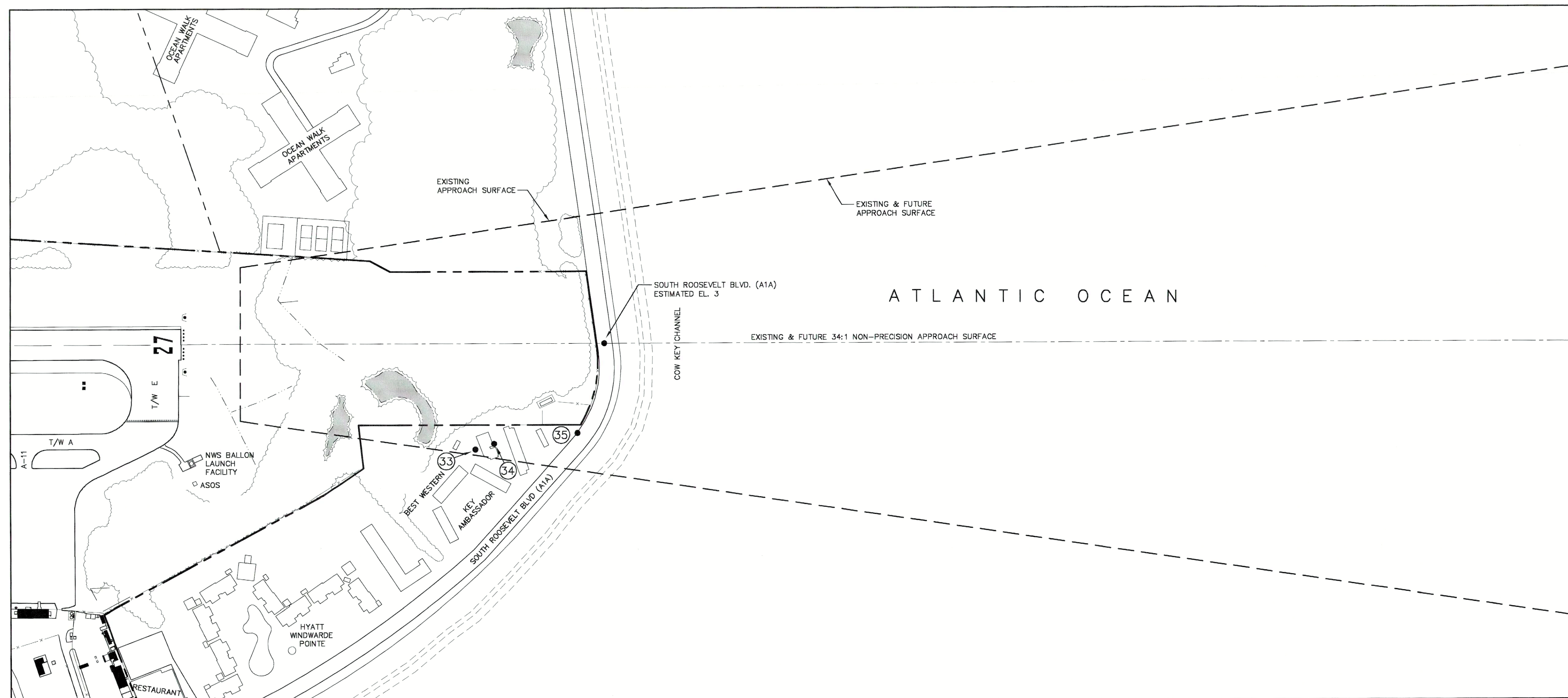
INNER APPROACH PLAN & PROFILE RUNWAY 9 KEY WEST INTERNATIONAL AIRPORT MONROE COUNTY, FLORIDA

PREPARED FOR
BOARD OF COUNTY
COMMISSIONERS
MONROE COUNTY, FLORIDA

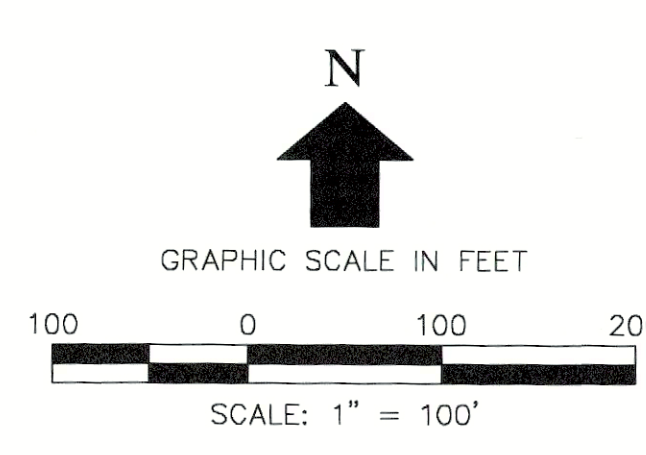
GENERAL CONSULTANTS
URS



DESIGNED: HRK
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: HRK
PROJECT DIRECTOR: MR
DATE: 06/03
SHEET: 3 OF 7

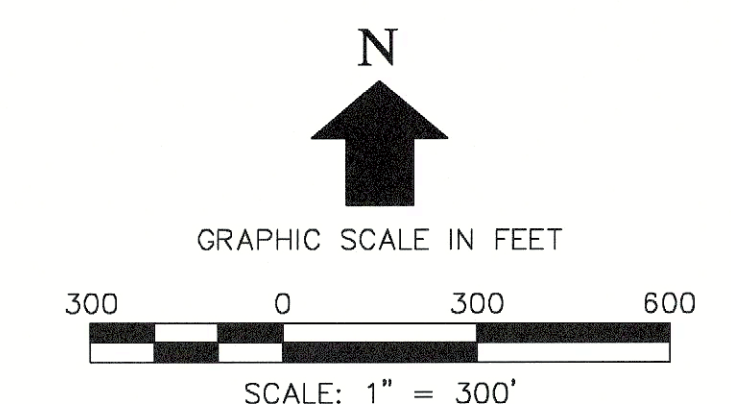


OBSTRUCTION TABLE								
NO.	DESCRIPTION	OBSTACLE ELEVATION (MSL)	APPROACH TYPE	APPROACH SLOPE	LOWEST AFFECTED FAR PART 77 SURFACE	PENETRATION	RECOMMENDED ACTION	LIGHT
33	POLE	31.0	NON-PRECISION INSTRUMENT	34:1	INNER APPROACH R/W 27	6.2	NO ACTION	NO
34	TREE	44.0	NON-PRECISION INSTRUMENT	34:1	INNER APPROACH R/W 27	17.4	TRIM OR REMOVE	NO
			NON-PRECISION INSTRUMENT		INNER APPROACH R/W 27	2.5	NO ACTION	NO



LEGEND		
ITEM	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
AIRFIELD PAVEMENT		
BUILDINGS		
ROADS & PARKING		
SECURITY FENCE		
BUILDING RESTRICTION LINE		
TAXIWAY OBJECT FREE AREA		
WATER/WETLAND		N/A
TREE LINE/GREEN BELT		N/A
THRESHOLD LIGHTS		
REIL		
VASI		
ARP		
AIRPORT BEACON		
LIGHTED WIND SOCK AND SEGMENTED CIRCLE		

LEGEND	
	AIRPORT PROPERTY LINE
	RUNWAY PROTECTION ZONE
65 DNL	2021 NOISE CONTOUR
	AIRFIELD
	AVIATION RELATED DEVELOPMENT
	NON-AVIATION RELATED DEVELOPMENT
	COMMUNITY FACILITIES
	ENVIRONMENTAL USE (SALT PONDS, MANGROVES, VEGETATION)

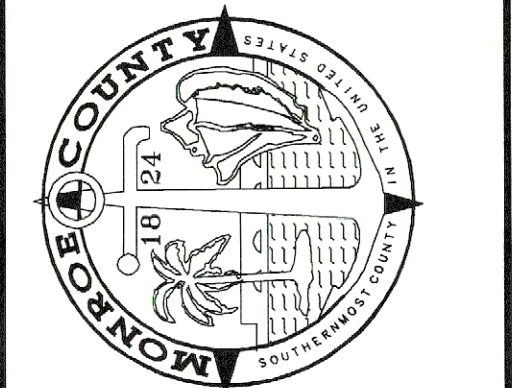
[illegible]

**ON AIRPORT
LAND USE PLAN**

**KEY WEST INTERNATIONAL AIRPORT
MONROE COUNTY, FLORIDA**

PREPARED FOR
BOARD OF COUNTY
COMMISSIONERS
MONROE COUNTY, FLORIDA

GENERAL CONSULTANTS
URS



DESIGNED: HRK
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: HRK
PROJECT DIRECTOR: MR

DATE: 06/03
SHEET: 6 OF 7

LEGAL DESCRIPTION

A parcel of land located in Sections 3 and 4, Township 68 South, Range 25 East, on the Island of Key West, Monroe County, Florida and being more particularly described as follows: Begin at the Northwest corner of the United States Government East Martello Tower Military Reservation as shown on a map recorded in Plat Book 1 at Page 31 of the Public Records of Monroe County Florida and said point also being the Southwest corner of Lot 11, Block 2, "RESUBDIVISION OF BLOCK 2, KEY ESTATES", according to the Plat thereof, as recorded in Plat Book 3, at Page 101 of the Public Records of Monroe County, Florida; thence N.77° 35'02"E., along the Southerly line of said "RESUBDIVISION OF BLOCK 2, KEY ESTATES", a distance of 787.79 feet to a 50 foot wide Access Easement; thence along the said Easement for the following thirteen (13) metes and bounds; thence S.23°06'58"E., a distance of 13.06 feet; thence S.60°00'17"E., a distance of 288.91 feet to the point of curvature of a curve to the left, having: a radius of 425.00 feet, a central angle of 20°39'05", a chord bearing of S.70°19'49"E. and a chord length of 152.36 feet; thence along the arc of said curve, an arc length of 153.18 feet to the point of tangency of said curve; thence S.80°39'21"E., a distance of 56.37 feet to the point of curvature of a curve to the left, having: a radius of 1025.00 feet, a central angle of 17°26'59", a chord bearing of S.89° 22'51"E. and a chord length of 310.96 feet; thence along the arc of said curve, an arc length of 312.17 feet to the point of tangency of said curve; thence N.81° 53'40"E., a distance of 236.06 feet; thence N.84°05'43"E., a distance of 122.92 feet to the point of curvature of a curve to the left, having: a radius of 225.00 feet, a central angle of 10°37'07", a chord bearing of N.78°47'12"E. and a chord length of 41.64 feet; thence along the arc of said curve, an arc length of 41.70 feet to the point of tangency of said curve; thence N.73°28'38"E., a distance of 124.00 feet to the point of curvature of a curve to the right, having: a radius of 475.00 feet, a central angle of 17°32'43", a chord bearing of N.82°15'00"E. and a chord length of 144.89 feet; thence along the arc of said curve, an arc length of 145.46 feet to the point of tangency of said curve; thence S.88°58'38"E., a distance of 204.30 feet; thence N.89°33'33"E., a distance of 224.03 feet; thence N.89°23'23"E., a distance of 111.18 feet; thence N.01°46'34"W., a distance of 189.89 feet to the Southerly boundary of "RIVERA SHORES SUBDIVISION, 1st. ADDITION", as recorded in Plat Book 5, at Page 88, of the Public Records of Monroe County, Florida; thence S.86°31'54"E., and along the said Southerly boundary line of said "RIVERA SHORES SUBDIVISION, 1st. ADDITION" a distance of 1216.41 feet; thence N.19°06'34"W., a distance of 54.15 feet to the Southerly Line of Parcel No. 42, "PLAT OF SURVEY, PART OF LANDS FORMERLY OWNED BY KEY WEST IMPROVEMENT, INC.", as recorded in Plat Book 1, at Page 69, of the Public

Records of Monroe County, Florida; thence S.86°31'54"E., along the Southerly Boundary line of said Parcel 42, and along the Southerly Boundary line of Parcels 38, 39, 40, and 41 (Parcels 40 & 41, are per plat, "PLAT OF SURVEY OF LANDS ON ISLAND OF KEY WEST, MONROE COUNTY, FLORIDA, as recorded in Plat Book 3, at Page 35, of the Public Records of Monroe County, Florida), Parcels 38, 39, and 40 are per Plat Book 1, Page 69 a distance of 4437.12 feet; thence S.58° 49'28"E., a distance of 40.44 feet; thence N.89°41'41"E., and along a line lying 250 feet Northerly of and Parallel with the Centerline of Runway 9-27, Key West Airport a distance of 687.02 feet to the Westerly Right-of-Way Line of South Roosevelt Blvd. (A1A); thence meander the said Westerly Right-of-Way Line of South Roosevelt Blvd. for the following two (2) metes and bounds; thence S.08° 03'39"E., a distance of 265.44 feet to the point of curvature of a curve to the right, having: a radius of 385.26 feet, a central angle of 36°27'10", a chord bearing of S.10°09'56"W. and a chord length of 241.00 feet; thence along the arc of said curve, an arc length of 245.11 feet to the end of said curve; thence S.89° 41'41"W., and along a line 250 feet Southerly of and parallel with the centerline of Runway 9-27, Key West Airport a distance of 726.34 feet; thence S.00°38'33"E., a distance of 154.04 feet; thence S.54°49'48"W., a distance of 150.00 feet; thence S.61°10'49"W., a distance of 812.84 feet; thence S.20°56'47"E., a distance of 448.89 feet to the Northerly Right-of-Way Line of said South Roosevelt Blvd. and a point on a curve concave to the Northwest; thence meander the said Northerly Right-of-Way Line of South Roosevelt Blvd. for the following three (3) metes and bounds; thence along the said curve, concave to the Northwest and to the Left, having for its elements a radius of 2839.93 feet and a central angle of 01°37'12", a chord bearing of S.71°17'20" W and a cord distance of 88.55 feet for an arc length of 88.55 feet to a point of tangency; thence S.72°10'56"W., a distance of 539.52 feet to a point on a curve to the right, having: a radius of 649.68 feet, a central angle of 27°22'59", a chord bearing of S.85°52'25"W. and a chord length of 307.55 feet; thence along the arc of said curve, an arc length of 310.50 feet to the point of tangency of said curve; thence N.50°26'05"W., a distance of 692.83 feet; thence N.01°34'25"W., and leaving the said Northerly Right-of-Way Line of South Roosevelt Blvd. a distance of 436.09 feet; thence N.69°09'25"W., a distance of 948.97 feet; thence S.82°45'35"W., and along the Northerly Boundary Line of Parcels 47 & 48 as recorded in Plat Book 3, Page 35 and Plat Book 1, Page 69 respectively a distance of 2431.62 feet; thence N.01°39'54"W., a distance of 406.11 feet; thence S.77°59'06"W., along the Northerly Boundary Line of Parcels 44, 45 and 46 per Plots as recorded in Plat Book 1, Page 69 and Plat Book 3, at Page 35 a distance of 2523.94 feet; thence N.12°00'54"W., a distance of 1400.00 feet to the Point of Beginning. Parcel contains 11,096,755 square feet or 254.75 acres, more or less.

LEGEND

- AIRPORT PROPERTY LINE
--- PARCEL BOUNDARY

AIRPORT PROPERTY MAP

KEY WEST INTERNATIONAL AIRPORT
MONROE COUNTY, FLORIDA

PREPARED FOR
BOARD OF COUNTY
COMMISSIONERS
MONROE COUNTY, FLORIDA

GENERAL CONSULTANTS

URS



DESIGNED: HRK
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: HRK
PROJECT DIRECTOR: MR

DATE: 06/03
SHEET: 7 OF 7

PROPERTY ACQUISITION LEGEND

PARCEL NUMBER	ACRES	TYPE OF ACQUISITION	DATE ACQUIRED	HOW ACQUIRED
1	159.68	FEE	1952	SURPLUS PROPERTY
2	2.51	FEE	1952	SURPLUS PROPERTY
3	8.55	FEE	1980	VIA WILL
5	14.75	FEE	1952	SURPLUS PROPERTY
6A	26.48	FEE	2000	SURPLUS PROPERTY
6B	42.78	FEE	1974	SURPLUS PROPERTY

NOTE: PARCEL 4 IS NOT CONTIGUOUS WITH OTHER PARCELS.

N

GRAPHIC SCALE IN FEET
300 0 300 600
SCALE: 1" = 300'