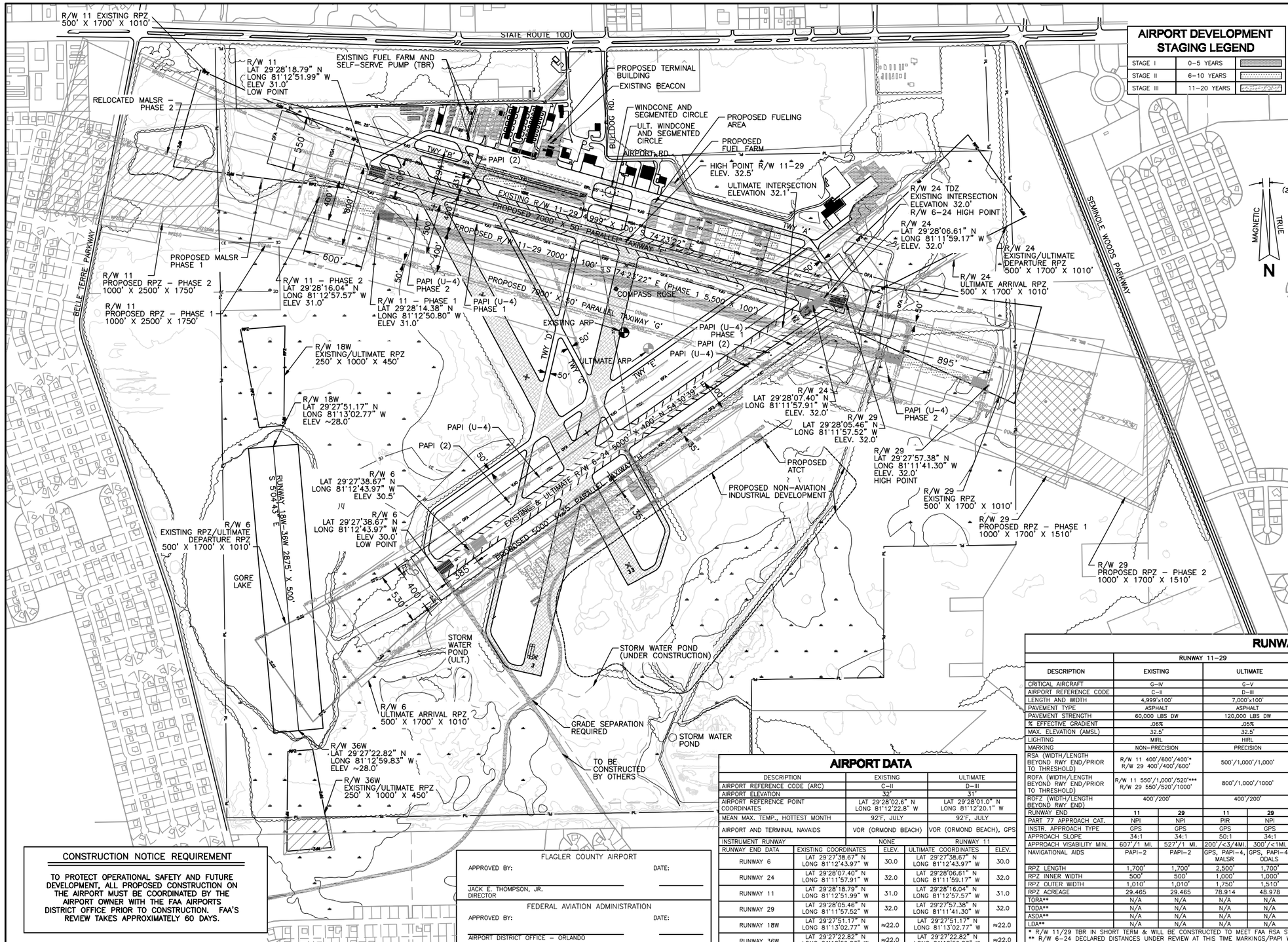
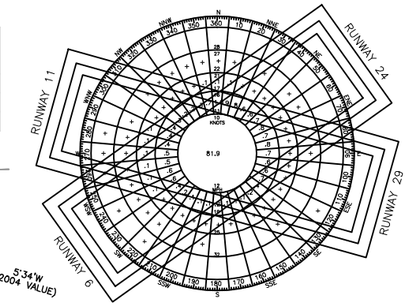


AIRPORT DEVELOPMENT STAGING LEGEND

STAGE I	0–5 YEARS
STAGE II	6–10 YEARS
STAGE III	11–20 YEARS



ALL WEATHER WIND ROSE/DATA

WIND COVERAGE:	10.5 KNOTS (12 MPH)	13 KNOTS (15 MPH)	16 KNOTS (18.5 MPH)
RUNWAY 6–24	93.9%	97.3%	99.6%
RUNWAY 11–29	92.5%	96.2%	99.4%
COMBINED COVERAGE (6–24 AND 11–29)	97.6%	99.3%	99.9%
RUNWAY 18W–36W	90.5%	95.03%	99.0%

NATIONAL CLIMATIC DATA CENTER INFORMATION SERVICES DIVISION
JAN. 1986 – DEC. 1993 – 68,739 OBSERVATIONS
OBSERVATIONS FROM DAYTONA BEACH, FL

TAXIWAY DATA

	DESIGN GROUP II	DESIGN GROUP III
TAXIWAY WIDTH	35 FT	50 FT
TAXIWAY OFA	131 FT	186 FT
TAXILANE OFA	115 FT	162 FT
T/W CENTERLINE TO:		
PARALLEL TAXIWAY	105 FT	152 FT
FIXED OR MOVABLE OBJECT	65.5 FT	93 FT
TAXILANE CENTERLINE TO:		
PARALLEL TAXIWAY	97 FT	140 FT
FIXED OR MOVABLE OBJECT	57.5 FT	81 FT

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
WATER		
AIRPORT BUILDINGS		
AIRSIDE PAVEMENT		
RUNWAY OBJECT FREE AREA (ROFA)	OFA	OFA(U)
RUNWAY SAFETY AREA (RSA)	RSA	RSA(U)
RUNWAY OBSTACLE FREE ZONE (ROFZ)	BRL 25'	BRL 25'
25' BUILDING RESTRICTION LINE	OFZ	OFZ(U)
AIRPORT REFERENCE POINT (ARP)		
RUNWAY VISIBILITY ZONE (RVZ)	RVZ	RVZ(U)
RUNWAY PROTECTION ZONE (RPZ)	RPZ	RPZ(U)
PAVEMENT TO BE REMOVED	N/A	
AIRPORT PROPERTY LINE	PL	PL(U)
PROPERTY TO BE ACQUIRED	N/A	
AIRSPACE EASEMENTS		

RUNWAY DATA

DESCRIPTION	RUNWAY 11–29 EXISTING		RUNWAY 11–29 ULTIMATE		RUNWAY 6–24 EXISTING		RUNWAY 6–24 ULTIMATE		RUNWAY 18W–36W EXISTING/ ULTIMATE	
CRITICAL AIRCRAFT	G–IV		G–V		C–IV		G–IV		RC–3 SEABEE	
AIRPORT REFERENCE CODE	C–II		D–III		C–II		C–II		A–I	
LENGTH AND WIDTH	4,999'x100'		7,000'x100'		5,000'x100'		5,000'x100'		2,875'x500'	
PAVEMENT TYPE	ASPHALT		ASPHALT		ASPHALT		ASPHALT		WATER	
PAVEMENT STRENGTH	60,000 LBS DW		120,000 LBS DW		60,000 LBS DW		60,000 LBS DW		< 12,500 LBS	
% EFFECTIVE GRADIENT	.06%		.05%		.06%		.06%		N/A	
MAX. ELEVATION (AMSL)	32.5'		32.5'		32.0'		32.0'		≈22'	
LIGHTING	MIRL		MIRL		MIRL		MIRL		NONE	
MARKING	NON–PRECISION		PRECISION		NON–PRECISION		NON–PRECISION		NONE	
RSA (WIDTH/LENGTH BEYOND RWY END/PRIOR TO THRESHOLD)	R/W 11 400'/600'/400'* R/W 29 400'/400'/600'		500'/1,000'/1,000'		R/W 6 400'/375'/200' R/W 24 400'/200'/375'		400'/1,000'/600'		N/A	
ROFA (WIDTH/LENGTH BEYOND RWY END/PRIOR TO THRESHOLD)	R/W 11 550'/1,000'/520'*** R/W 29 550'/520'/1000'		800'/1,000'/1000'		R/W 6 400'/140'/150'*** R/W 24 400'/150'/140'		800'/1,000'/1000'		N/A	
ROFZ (WIDTH/LENGTH BEYOND RWY END)	400'/200'		400'/200'		400'/200'		400'/200'		N/A	
RUNWAY END	11	29	11	29	6	24	6	24	18W	36W
PART 77 APPROACH CAT.	NPI	NPI	PIR	NPI	NPI	NPI	NPI	NPI	VISUAL	VISUAL
INSTR. APPROACH TYPE	GPS	GPS	GPS	GPS	GPS	GPS	GPS	GPS	N/A	N/A
APPROACH SLOPE	34:1	34:1	50:1	34:1	34:1	34:1	34:1	34:1	20:1(TSS:15:1)	20:1(TSS:15:1)
APPROACH VISABILITY MIN.	607'/1 MI.	527'/1 MI.	200'/<3/4MI.	300'/<1MI.	508'/1 MI.	468'/1 MI.	508'/1 MI.	468'/1 MI.	1000'/3 MI.	1000'/3 MI.
NAVIGATIONAL AIDS	PAPI–2	PAPI–2	GPS, PAPI–4, MALSR	GPS, PAPI–4, ODALS	PAPI–2	PAPI–2	PAPI–4	PAPI–4	NONE	NONE
RPZ LENGTH	1,700'	1,700'	2,500'	1,700'	1,700'	1,700'	1,700'	1,700'	1,000'	1,000'
RPZ INNER WIDTH	500'	500'	1,000'	1,000'	500'	500'	500'	500'	250'	250'
RPZ OUTER WIDTH	1,010'	1,010'	1,750'	1,510'	1,010'	1,010'	1,010'	1,010'	450'	450'
RPZ ACREAGE	29.465	29.465	78.914	48.978	29.465	29.465	29.465	29.465	8.035	8.035
TORA**	N/A	N/A	N/A	N/A	N/A	N/A	5,000'	5,000'	N/A	N/A
TODA**	N/A	N/A	N/A	N/A	N/A	N/A	5,000'	5,000'	N/A	N/A
ASDA**	N/A	N/A	N/A	N/A	N/A	N/A	4,375'	4,600'	N/A	N/A
LDA**	N/A	N/A	N/A	N/A	N/A	N/A	3,975'	3,975'	N/A	N/A

* R/W 11/29 TBR IN SHORT TERM & WILL BE CONSTRUCTED TO MEET FAA RSA STANDARDS.
** R/W 6–24 DECLARED DISTANCES UNDER REVIEW AT THIS TIME MARKINGS/PAPI WILL BE UPDATED AS SOON AS PRACTICABLE.
*** TREES AND OTHER VEGETATION IN OFA WILL BE CLEARED AS SOON AS PRACTICABLE.

AIRPORT DATA

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE (ARC)	C–II	D–III
AIRPORT ELEVATION	32'	31'
AIRPORT REFERENCE POINT COORDINATES	LAT 29°28'02.6" N LONG 81°12'22.8" W	LAT 29°28'01.0" N LONG 81°12'20.1" W
MEAN MAX. TEMP., HOTTEST MONTH	92°F, JULY	92°F, JULY
AIRPORT AND TERMINAL NAVAIDS	VOR (ORMOND BEACH)	VOR (ORMOND BEACH), GPS
INSTRUMENT RUNWAY	NONE	RUNWAY 11

RUNWAY END DATA	EXISTING COORDINATES	ELEV.	ULTIMATE COORDINATES	ELEV.
RUNWAY 6	LAT 29°27'38.67" N LONG 81°12'43.97" W	30.0	LAT 29°27'38.67" N LONG 81°12'43.97" W	30.0
RUNWAY 24	LAT 29°28'07.40" N LONG 81°11'57.91" W	32.0	LAT 29°28'06.61" N LONG 81°11'59.17" W	32.0
RUNWAY 11	LAT 29°28'18.79" N LONG 81°12'51.99" W	31.0	LAT 29°28'16.04" N LONG 81°12'57.57" W	31.0
RUNWAY 29	LAT 29°28'05.46" N LONG 81°11'57.52" W	32.0	LAT 29°27'57.38" N LONG 81°11'41.30" W	32.0
RUNWAY 18W	LAT 29°27'51.17" N LONG 81°13'02.77" W	≈22.0	LAT 29°27'51.17" N LONG 81°13'02.77" W	≈22.0
RUNWAY 36W	LAT 29°27'22.82" N LONG 81°12'59.83" W	≈22.0	LAT 29°27'22.82" N LONG 81°12'59.83" W	≈22.0

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.

FLAGLER COUNTY AIRPORT

APPROVED BY: _____ DATE: _____

JACK E. THOMPSON, JR.
DIRECTOR

FEDERAL AVIATION ADMINISTRATION

APPROVED BY: _____ DATE: _____

AIRPORT DISTRICT OFFICE – ORLANDO

REVISIONS:

REV. NO.	DATE	DESCRIPTION OF REVISION
–	–-–-–	
–	–-–-–	
–	–-–-–	
–	–-–-–	
–	–-–-–	
–	–-–-–	
–	–-–-–	

0 500 1000 1500 2000

DESIGNED BY DAO/DAL DATE AUG 09
DRAWN BY DAC/MD/KCL DATE AUG 09
CHECKED BY MSS/DAL DATE AUG 09

Flagler County Airport

FLAGLER COUNTY, FLORIDA

PLANS PREPARED BY

Wilbur Smith Associates
ENGINEERS PLANNERS ECONOMISTS

PLANS PREPARED FOR

FLAGLER COUNTY AIRPORT
PALM COAST, FLORIDA

PROJECT NO. (CLIENT) _____

PROJECT NO. (WSA) 387360

AIRPORT LAYOUT PLAN

FINAL

NO. 2