	EXISTING	ULTIMATE
EDGE OF PAVEMENT		
CENTERLINE (RW/TW/ROAD)		
BUILDINGS		
CHAINLINK/SECURITY FENCE	XX XX XX XX	XX
NON-SECURE FENCING	O	□
AIRPORT REFERENCE POINT	⊕	◈
PROPERTY LINE	PROP	PROP
RUNWAY SAFETY AREA	RSA	RSA
RUNWAY OBJECT FREE AREA	ROFA	ROFA
RUNWAY OBJECT FREE ZONE	OFZ	FOFZ
BUILDING RESTRICTION LINE	BRL	BRL
RUNWAY PROTECTION ZONE	RPZ	RPZ
POND		
ULTIMATE DEMOLITION AREA		
PAVEMENT		

*BRL IS SHOWN FOR A TYPICAL 20-FOOT BUILDING

EXISTING BUILDING DATA TABLE		
BLDG. NO.	DESCRIPTION	TOP ELEVATION (MSL)
1	VALIANT AIR COMMAND MUSEUM	71.8'
2	TIX JET CENTER	51.7'
3	AIR TRAFFIC CONTROL TOWER	92.1'
4	CAPE KENNEDY COMMUNICATIONS	57.1'
5	HELICOPTER ADVENTURES	58.5'
6	AIRPORT AUTHORITY OFFICE	48.8'
7	HELICOPTER ADVENTURES	54.4'
8	FUEL FARM	47.2'
9	T-HANGARS (8 BUILDINGS)	58.8' (HIGHEST)
10	AIRPORT MAINTENANCE BUILDING	48.1'
11	PORT-A-PORT HANGAR (2)	47.8'
12	SPACE COAST JET CENTER & DERENAIR AVIATION	57.7'
13	AIRSCAN	58.9'
14	AERO METALS	55.2'
15	HOLLAND SHELTAIR	46.3'
16	AIRSCAN	55.3'
17	SPACE COAST JET CENTER & DERENAIR AVIATION	60.8'
18	OUTER MARKER CAFE	58.8'
19	SPACE COAST JET CENTER	53.6'

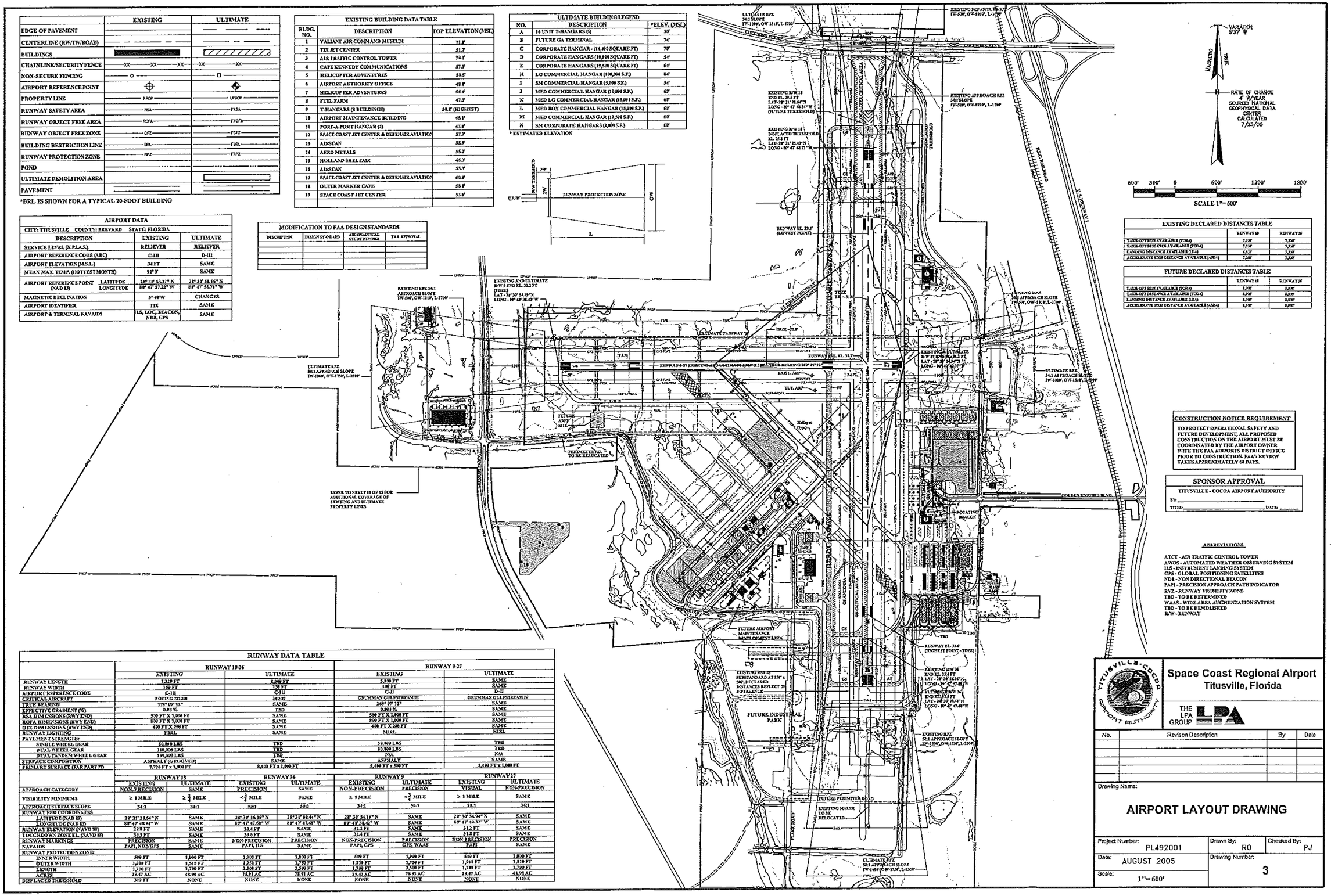
ULTIMATE BUILDING LEGEND		
NO.	DESCRIPTION	*ELEV. (MSL)
A	14 UNIT T-HANGARS (5)	59'
B	FUTURE GA TERMINAL	74'
C	CORPORATE HANGAR - (16,400 SQUARE FT)	77'
D	CORPORATE HANGARS (19,000 SQUARE FT)	56'
E	CORPORATE HANGARS (19,500 SQUARE FT)	64'
H	LG COMMERCIAL HANGAR (100,000 S.F.)	64'
I	SM COMMERCIAL HANGAR (5,000 S.F.)	54'
J	MED COMMERCIAL HANGAR (10,000 S.F.)	65'
K	MED LG COMMERCIAL HANGAR (15,000 S.F.)	65'
L	MED BOX COMMERCIAL HANGAR (15,000 S.F.)	66'
M	MED COMMERCIAL HANGAR (12,500 S.F.)	68'
N	SM CORPORATE HANGARS (3,000 S.F.)	68'

* ESTIMATED ELEVATION

AIRPORT DATA			
CITY: TITUSVILLE COUNTY: BREVARD STATE: FLORIDA			
DESCRIPTION		EXISTING	ULTIMATE
SERVICE LEVEL (N-P-LA-S)		RELIEVER	RELIEVER
AIRPORT REFERENCE CODE (ARC)		C-III	D-III
AIRPORT ELEVATION (M.S.L.)		34 FT	SAME
MEAN MAX. TEMP. (HOTTEST MONTH)		91° F	SAME
AIRPORT REFERENCE POINT (NAD 83)	LATITUDE	28° 28' 53.32" N	28° 28' 51.36" N
	LONGITUDE	80° 47' 57.22" W	80° 47' 56.73" W
MAGNETIC DECLINATION		5° 48'W	CHANGES
AIRPORT IDENTIFIER		TIX	SAME
AIRPORT & TERMINAL NAVAIDS		LS, LOC, BEACON, NDB, GPS	SAME

MODIFICATION TO FAA DESIGN STANDARDS			
DESCRIPTION	DESIGN STANDARD	AERONAUTICAL STUDY NUMBER	FAA APPROVAL

RUNWAY DATA TABLE								
	RUNWAY 18-36				RUNWAY 9-27			
	EXISTING		ULTIMATE		EXISTING		ULTIMATE	
RUNWAY LENGTH	7,320 FT		8,000 FT		5,000 FT		SAME	
RUNWAY WIDTH	150 FT		150 FT		100 FT		SAME	
AIRPORT REFERENCE CODE	C-III		C-III		D-II		D-II	
CRITICAL AIRCRAFT	BOEING 737-200		MD-87		GRUMMAN GULFSTREAM II		GRUMMAN GULFSTREAM IV	
TRUE BEARING	175° 07' 12"		SAME		265° 07' 12"		SAME	
EFFECTIVE GRADIENT (%)	0.87 %		TBD		0.94 %		SAME	
RSA DIMENSIONS (RWY END)	500 FT X 1,000 FT		SAME		500 FT X 1,000 FT		SAME	
ROFA DIMENSIONS (RWY END)	800 FT X 1,000 FT		SAME		800 FT X 1,000 FT		SAME	
OFZ DIMENSIONS (RWY END)	400 FT X 200 FT		SAME		400 FT X 200 FT		SAME	
RUNWAY LIGHTING	MIRL		SAME		MIRL		SAME	
PAVEMENT STRENGTH:								
SINGLE WHEEL GEAR	83,000 LBS		TBD		58,000 LBS		TBD	
DUAL WHEEL GEAR	110,000 LBS		TBD		85,000 LBS		TBD	
DUAL TANDEM WHEEL GEAR	199,000 LBS		TBD		N/A		N/A	
SURFACE COMPOSITION	ASPHALT (GROOVED)		SAME		ASPHALT		SAME	
PRIMARY SURFACE (FAR PART 77)	7,320 FT x 1,000 FT		8,400 FT x 1,000 FT		5,400 FT x 500 FT		5,400 FT x 1,000 FT	
	RUNWAY 18		RUNWAY 36		RUNWAY 9		RUNWAY 27	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
APPROACH CATEGORY	NON-PRECISION	SAME	PRECISION	SAME	NON-PRECISION	PRECISION	VISUAL	NON-PRECISION
VISIBILITY MINIMUMS	≥ 1 MILE	≥ ¾ MILE	≤ ¾ MILE	SAME	≥ 1 MILE	≤ ½ MILE	≥ 1 MILE	SAME
APPROACH SURFACE SLOPE	34:1	34:1	50:1	50:1	34:1	50:1	20:1	34:1
RUNWAY END COORDINATES								
LATITUDE (NAD 83)	28° 28' 28.56" N	SAME	28° 28' 15.36" N	28° 28' 09.44" N	28° 28' 53.19" N	SAME	28° 28' 54.96" N	SAME
LONGITUDE (NAD 83)	80° 47' 48.84" W	SAME	80° 47' 47.88" W	80° 47' 47.64" W	80° 47' 38.42" W	SAME	80° 47' 41.37" W	SAME
RUNWAY ELEVATION (NAVD 88)	33.8 FT	SAME	33.4 FT	SAME	32.2 FT	SAME	33.2 FT	SAME
TOUCHDOWN ZONE EL. (NAVD 88)	33.5 FT	SAME	33.6 FT	SAME	32.4 FT	SAME	33.4 FT	SAME
RUNWAY MARKINGS	PRECISION	SAME	NON-PRECISION	PRECISION	NON-PRECISION	PRECISION	NON-PRECISION	PRECISION
NAVAIDS	PAPI, NDB/GPS	SAME	PAPI, ILS	SAME	PAPI, GPS	GPS, WAAS	PAPI	SAME
RUNWAY PROTECTION ZONE								
INNER WIDTH	500 FT	1,000 FT	1,000 FT	1,000 FT	500 FT	1,000 FT	500 FT	1,000 FT
OUTER WIDTH	1,010 FT	1,510 FT	1,750 FT	1,750 FT	1,010 FT	1,750 FT	1,010 FT	1,510 FT
LENGTH	1,700 FT	1,700 FT	2,500 FT	2,500 FT	1,700 FT	2,500 FT	1,700 FT	1,700 FT
ACRES	29.07 AC	45.96 AC	78.91 AC	78.91 AC	29.07 AC	78.91 AC	29.07 AC	45.96 AC
DISPLACED THRESHOLD	319 FT	NONE	NONE	NONE	NONE	NONE	NONE	NONE



EXISTING DECLARED DISTANCES TABLE		
	RUNWAY 18	RUNWAY 36
TAKE-OFF RUN AVAILABLE (TORA)	7,320'	7,320'
TAKE-OFF DISTANCE AVAILABLE (TODA)	7,320'	7,320'
LANDING DISTANCE AVAILABLE (LDA)	6,821'	7,320'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	7,320'	7,320'

FUTURE DECLARED DISTANCES TABLE		
	RUNWAY 18	RUNWAY 36
TAKE-OFF RUN AVAILABLE (TORA)	8,000'	8,000'
TAKE-OFF DISTANCE AVAILABLE (TODA)	8,000'	8,000'
LANDING DISTANCE AVAILABLE (LDA)	8,000'	8,000'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	8,000'	8,000'

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.

SPONSOR APPROVAL

TITUSVILLE - COCOA AIRPORT AUTHORITY

BY: _____

TITLE: _____ DATE: _____

ABBREVIATIONS

ATCT - AIR TRAFFIC CONTROL TOWER
AWOS - AUTOMATED WEATHER OBSERVING SYSTEM
ILS - INSTRUMENT LANDING SYSTEM
GPS - GLOBAL POSITIONING SATELLITES
NDB - NON DIRECTIONAL BEACON
PAPI - PRECISION APPROACH PATH INDICATOR
RVZ - RUNWAY VISIBILITY ZONE
TBD - TO BE DETERMINED
WAAS - WIDE AREA AUGMENTATION SYSTEM
TBD - TO BE DEMOLISHED
RW - RUNWAY

Space Coast Regional Airport
Titusville, Florida

THE LPA GROUP

No.	Revision Description	By	Date

Drawing Name:

AIRPORT LAYOUT DRAWING

Project Number: PL492001	Drawn By: RO	Checked By: PJ
Date: AUGUST 2005	Drawing Number: 3	
Scale: 1"= 600'		