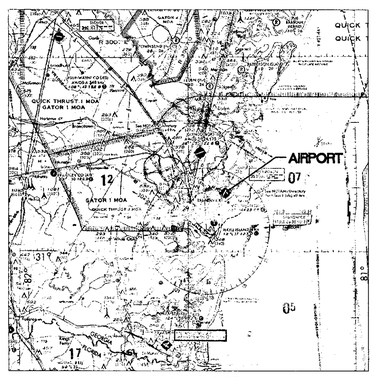
GDOT

McKINNON-ST SIMONS ISLAND AIRPORT
ST. SIMONS ISLAND, GEORGIA

AIRPORT MASTER PLAN UPDATE



LOCATION MAP
Scale 1" = 500,000"

Index To Drawings

Drawing No.	Description
1	COVER SHEET
2	AIRPORT LAYOUT – EXISTING FACILITIES
3	AIRPORT LAYOUT – FUTURE CONDITIONS
4	TERMINAL AREA DRAWING – EAST
5	TERMINAL AREA DRAWING – MIDFIELD
6	AIRPORT AIRSPACE DRAWING
7	AIRPORT AIRSPACE DRAWING
8	INNER PORTION OF THE RUNWAY 16/34 APPROACH SURFACES DRAWING
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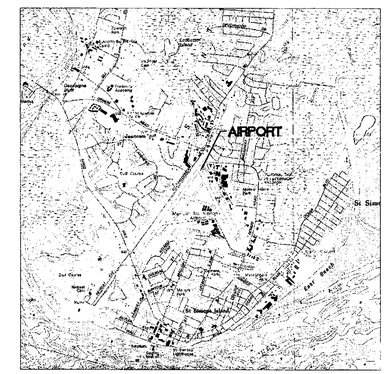
GLYNN COUNTY AIRPORT COMMISSION



VICINITY MAP
Scale 1" = 24,000"

Brunswick Golden Isles Airport
McKinnon St. Simons Island Airport
Glynn County Airport Commission

JUNE 2002

PREPARED BY:

THE LPA GROUP INCORPORATED
Aviation Consultants

Atlanta, GA – Baton Rouge, LA – Charleston, SC – Charlotte, NC – Chicago, IL – Columbia, SC – Greensboro, NC – Jacksonville, FL – Knoxville, TN
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Proj No. 201–3324–039
REVISED BY:

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Jacksonville, Fl. 32256
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www.rsandh.com
October 8, 2012

AIRPORT DATA

ITEM		EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)		19.6'	SAME
SERVICE LEVEL		GENERAL AVIATION	SAME
OWNED BY		GLYNN COUNTY, GEORGIA	
DISTANCE/DIRECTION FROM CBD		5 NAUTICAL MILES EAST	
AIRPORT REFERENCE POINT	LATITUDE	31° 09' 7.1'	SAME
	LONGITUDE	81° 23' 27.8'	SAME
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH		91.8° F.	SAME
AIRPORT/TERMINAL NAVIGATION AIDS		BRUNSWICK VORTAC AIRPORT BEACON	SAME
LAND OWNED FEE SIMPLE		320 ACRES	SAME
AVIGATION EASEMENT		14 ACRES	SAME
MAGNETIC DECLINATION		6°22' W (0'4' W VAR.)	SAME
NPIAS SERVICE LEVEL		GA	SAME

LEGEND

ITEM	EXISTING
AIRPORT PROPERTY LINE	
AIRFIELD/APRON PAVEMENT EDGE	
AIRFIELD BUILDING STRUCTURES	
FENCE	
DRAINAGE COURSE/LIMITS	
GROUND CONTOUR	
RUNWAY PROTECTION ZONE	
AIRPORT REFERENCE POINT (ARP)	
TREES	
RUNWAY OBJECT FREE AREA (OFA)	OFA
RUNWAY SAFETY AREA (RSA)	RSA
BUILDING RESTRICTION LINE*	BRL
AIRPORT ROTATING BEACON	
ROADWAY PAVEMENT	
UNPAVED ROADWAY	

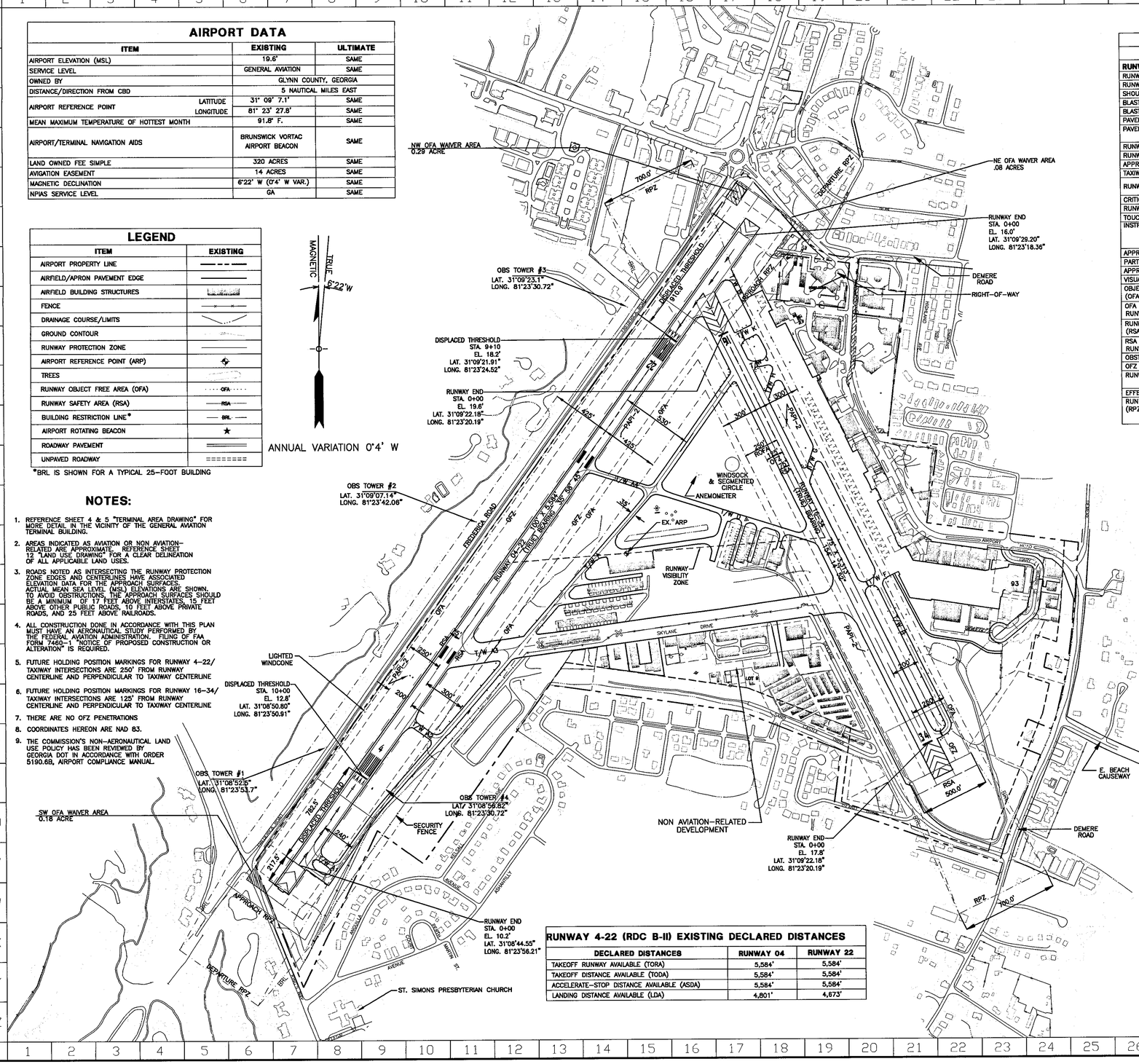
*BRL IS SHOWN FOR A TYPICAL 25-FOOT BUILDING

MAGNETIC TRUE 6°22'W

ANNUAL VARIATION 0°4' W

NOTES:

1. REFERENCE SHEET 4 & 5 "TERMINAL AREA DRAWING" FOR MORE DETAIL IN THE VICINITY OF THE GENERAL AVIATION TERMINAL BUILDING.
2. AREAS INDICATED AS AVIATION OR NON AVIATION-RELATED ARE APPROXIMATE. REFERENCE SHEET 12 "LAND USE DRAWING" FOR A CLEAR DELINEATION OF ALL APPLICABLE LAND USES.
3. ROADS NOTED AS INTERSECTING THE RUNWAY PROTECTION ZONE EDGES AND CENTERLINES HAVE ASSOCIATED ELEVATION DATA FOR THE APPROACH SURFACES. ACTUAL MEAN SEA LEVEL (MSL) ELEVATIONS ARE SHOWN. TO AVOID OBSTRUCTIONS, THE APPROACH SURFACES SHOULD BE A MINIMUM OF 17 FEET ABOVE INTERSTATES, 15 FEET ABOVE OTHER PUBLIC ROADS, 10 FEET ABOVE PRIVATE ROADS, AND 25 FEET ABOVE RAILROADS.
4. ALL CONSTRUCTION DONE IN ACCORDANCE WITH THIS PLAN MUST HAVE AN AERONAUTICAL STUDY PERFORMED BY THE FEDERAL AVIATION ADMINISTRATION. FILING OF FAA FORM 7460-1 "NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION" IS REQUIRED.
5. FUTURE HOLDING POSITION MARKINGS FOR RUNWAY 4-22/ TAXIWAY INTERSECTIONS ARE 250' FROM RUNWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE
6. FUTURE HOLDING POSITION MARKINGS FOR RUNWAY 16-34/ TAXIWAY INTERSECTIONS ARE 125' FROM RUNWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE
7. THERE ARE NO OFZ PENETRATIONS
8. COORDINATES HEREON ARE NAD 83.
9. THE COMMISSION'S NON-AERONAUTICAL LAND USE POLICY HAS BEEN REVIEWED BY GEORGIA DOT IN ACCORDANCE WITH ORDER 5190.6B, AIRPORT COMPLIANCE MANUAL.



RUNWAY 4-22 (RDC B-II) EXISTING DECLARED DISTANCES		
DECLARED DISTANCES	RUNWAY 04	RUNWAY 22
TAKEOFF RUNWAY AVAILABLE (TORA)	5,584'	5,584'
TAKEOFF DISTANCE AVAILABLE (TODA)	5,584'	5,584'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	5,584'	5,584'
LANDING DISTANCE AVAILABLE (LDA)	4,801'	4,673'

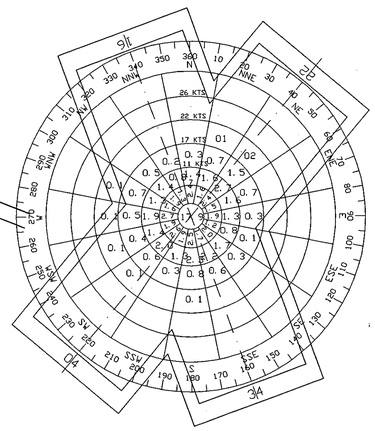
RUNWAY 04-22 DATA					
		EXISTING		ULTIMATE	
RUNWAY		04	22	04	22
RUNWAY LENGTH		5,584'	5,584'	SAME	SAME
RUNWAY WIDTH		100'	100'	SAME	SAME
SHOULDER WIDTH		25'	25'	SAME	SAME
BLAST PAD WIDTH		210'	100'	N/A	N/A
BLAST PAD LENGTH		100'	110'	N/A	N/A
PAVEMENT TYPE		ASPHALT	ASPHALT	SAME	SAME
PAVEMENT LOADING	SINGLE WHEEL	45,000 LBS	45,000 LBS	45,000 LBS	45,000 LBS
	DUAL WHEEL	60,000 LBS	60,000 LBS	75,000 LBS	75,000 LBS
RUNWAY LIGHTING		MIRL	MIRL	SAME	SAME
RUNWAY MARKINGS		NPI	NPI	NPI	NPI
APPROACH LIGHTING		N/A	N/A	N/A	N/A
TAXIWAY LIGHTING		MITL	MITL	SAME	SAME
RUNWAY DESIGN CODE		B-II	B-II	C-II	C-II
CRITICAL AIRCRAFT		CITATION-II	CITATION-II	G-III	G-III
RUNWAY END ELEVATION		10.2' AMSL	16' AMSL	SAME	SAME
TOUCHDOWN ZONE ELEVATION		18' AMSL	18' AMSL	SAME	SAME
INSTRUMENT APPROACH AIDS		NP-GPS VOR	NP-GPS	NP-GPS VOR	NP-GPS
APPROACH VISIBILITY MINIMUMS		1 MILE	1 MILE	1 MILE	1 MILE
PART 77 CATEGORY		NPI-C	NPI-C	SAME	SAME
APPROACH SLOPE		34:1	34:1	SAME	SAME
VISUAL APPROACH AIDS		PAPI-2	PAPI-2	SAME	SAME
OBJECT FREE AREA (OFA) WIDTH	EXISTING	500'	500'	N/A	N/A
	STANDARD	500'	500'	800'	800'
OFA LENGTH BEYOND RUNWAY END	EXISTING	300'	300'	N/A	N/A
	STANDARD	300'	300'	1000'	1000'
RUNWAY SAFETY AREA (RSA) WIDTH	EXISTING	150'	150'	N/A	N/A
	STANDARD	150'	150'	500'	500'
RSA LENGTH BEYOND RUNWAY END	EXISTING	300'	300'	N/A	N/A
	STANDARD	300'	300'	1000'	1000'
OBSTACLE FREE ZONE (OFZ) WIDTH		400'	400'	SAME	SAME
OFZ LENGTH BEYOND RUNWAY END		200'	200'	SAME	SAME
RUNWAY END (NAD 83)	LATITUDE	31°08'44.55"N	31°09'29.20"N	SAME	SAME
	LONGITUDE	81°23'56.21"W	81°23'18.36"W	SAME	SAME
EFFECTIVE RUNWAY GRADIENT (%)		+0.117%	-0.117%	SAME	SAME
RUNWAY PROTECTION ZONE (RPZ)	LENGTH	1000'	1000'	1700'	1700'
	INNER WIDTH	500'	500'	500'	500'
	OUTER WIDTH	700'	700'	1010'	1010'

RUNWAY 16-34 DATA			
	EXISITNG		ULTIMATE
RUNWAY	16	34	16	34
RUNWAY LENGTH	3,313'	3,313'	SAME	SAME
RUNWAY WIDTH	75'	75'	SAME	SAME
SHOULDER WIDTH	37.5'	37.5'	SAME	SAME
BLAST PAD WIDTH	150'	150'	SAME	SAME
BLAST PAD LENGTH	450'	250'	SAME	SAME
PAVEMENT TYPE	ASPHALT	ASPHALT	SAME	SAME
PAVEMENT LOADING SINGLE WHEEL	14,000 LBS	14,000 LBS	SAME	SAME
DUAL WHEEL	30,000 LBS	30,000 LBS	SAME	SAME
RUNWAY LIGHTING	MIRL	MIRL	SAME	SAME
RUNWAY MARKINGS	BASIC	BASIC	NPI	NPI
APPROACH LIGHTING	N/A	N/A	N/A	N/A
TAXIWAY LIGHTING	MITL	MITL	SAME	SAME
RUNWAY DESIGN CODE	B-II	B-II	B-II	B-II
CRITICAL AIRCRAFT	CITATION-II	CITATION-II	CITATION-II	CITATION-II
RUNWAY END ELEVATION	17.8' AMSL	12' AMSL	SAME	SAME
TOUCHDOWN ZONE ELEVATION	20' AMSL	20' AMSL	N/A	N/A
INSTRUMENT APPROACH AIDS	NONE	NONE	NP-GPS	NP-GPS
APPROACH VISIBILITY MINIMUMS	VISUAL	VISUAL	1 MILE	1 MILE
PART 77 CATEGORY	VISUAL-B(V)	VISUAL-B(V)	NPI-C	NPI-C
APPROACH SLOPE	20:1	20:1	34:1	34:1
VISUAL APPROACH AIDS	PAPI-2	PAPI-2	SAME	SAME
OBJECT FREE AREA (OFA) WIDTH EXISTING	500'	500'	SAME	SAME
STANDARD	500'	500'	N/A	N/A
OFA LENGTH BEYOND RUNWAY END EXISTING	300'	300'	SAME	SAME
STANDARD	300'	300'	N/A	N/A
RUNWAY SAFETY AREA (RSA) WIDTH EXISTING	150'	150'	SAME	SAME
STANDARD	150'	150'	N/A	N/A
RSA LENGTH BEYOND RUNWAY END EXISTING	300'	300'	SAME	SAME
STANDARD	300'	300'	N/A	N/A
OBSTACLE FREE ZONE (OFZ) WIDTH	250'	250'	SAME	SAME
OFZ LENGTH BEYOND RUNWAY END	200'	200'	SAME	SAME
RUNWAY END (NAD 83) LATITUDE	31°09'22.18"N	31°08'52.68"N	SAME	SAME
LONGITUDE	81°23'20.19"W	81°23'03.55"W	SAME	SAME
EFFECTIVE RUNWAY GRADIENT (%)	-0.193%	+0.193%	SAME	SAME
RUNWAY PROTECTION ZONE (RPZ) LENGTH	1000'	1000'	SAME	SAME
INNER WIDTH	500'	500'	SAME	SAME
OUTER WIDTH	700'	700'	SAME	SAME

400' 200' 0 400' 800' 1,200'

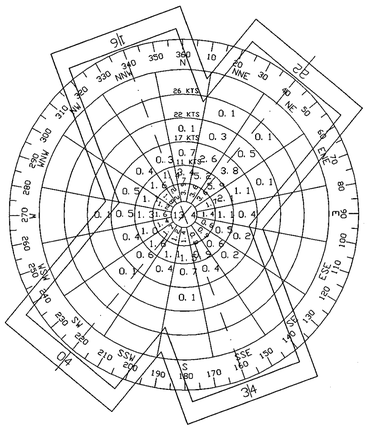
SCALE IN FEET

ALL-WEATHER WIND ROSE



WIND COVERAGE WITH 16 & 13 KNOT CROSSWIND COMPONENT
RUNWAYS 04-22 (13 KTS.) 97.69%
RUNWAYS 04-22 (16 KTS.) 99.96%
RUNWAYS 16-34 (13 KTS.) 97.4%

IFR WEATHER WIND ROSE



WIND COVERAGE WITH 16 & 13 KNOT CROSSWIND COMPONENT
RUNWAYS 04-22 (13 KTS.) 97.05%
RUNWAYS 04-22 (16 KTS.) 99.8%
RUNWAYS 16-34 (13 KTS.) 95.1%

SOURCE: SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE GLYNN COUNTY, GEORGIA (BRUNSWICK), STATION #93836 PREPARED BY THE NATIONAL WEATHER SERVICE ENVIRONMENTAL DETACHMENT, ASHEVILLE, N.C. PERIOD 1945-1972.

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McKINNON-ST SIMONS ISLAND AIRPORT

ST. SIMONS ISLAND, GEORGIA

DESIGN UOJ | DRAWN NPK | CHECK TGM | PROJECT NO. AP015032

REVISION	DATE	DESCRIPTION	BY
5	3/11/13	ALP Update - Response to GDOT Comments	RS&H
4	2/27/13	ALP Update	RS&H
3	8/08/12	ALP Update	RS&H
2	4/04/12	ALP Update	RS&H
1	1/12/12	ALP Update	RS&H

McKinnon St. Simons Island Airport

APPROVALS

Executive Director — Title — 7/9/13 Date

Title — Date

AIRPORT LAYOUT EXISTING FACILITIES

DATE JUNE 2002

2

DRAWING NO.

LEGEND

ITEM	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
AIRFIELD/APRON PAVEMENT EDGE		
BUILDING STRUCTURES		
FENCE		
DRAINAGE COURSE/LIMITS		
GROUND CONTOUR		N/A
RUNWAY PROTECTION ZONE		
AIRPORT REFERENCE POINT (ARP)		
TREES		N/A
RUNWAY OBJECT FREE AREA (OFA)		OFA
RUNWAY SAFETY AREA (RSA)		RSA
AIRFIELD MARKINGS		
BUILDING RESTRICTION LINE*		BRL
AIRPORT ROTATING BEACON	★	N/A
ROADWAY PAVEMENT		
* UNPAVED ROADWAY		N/A

BRL IS SHOWN FOR A TYPICAL 25-FOOT BUILDING

400' 200' 0 400' 800' 1,200'

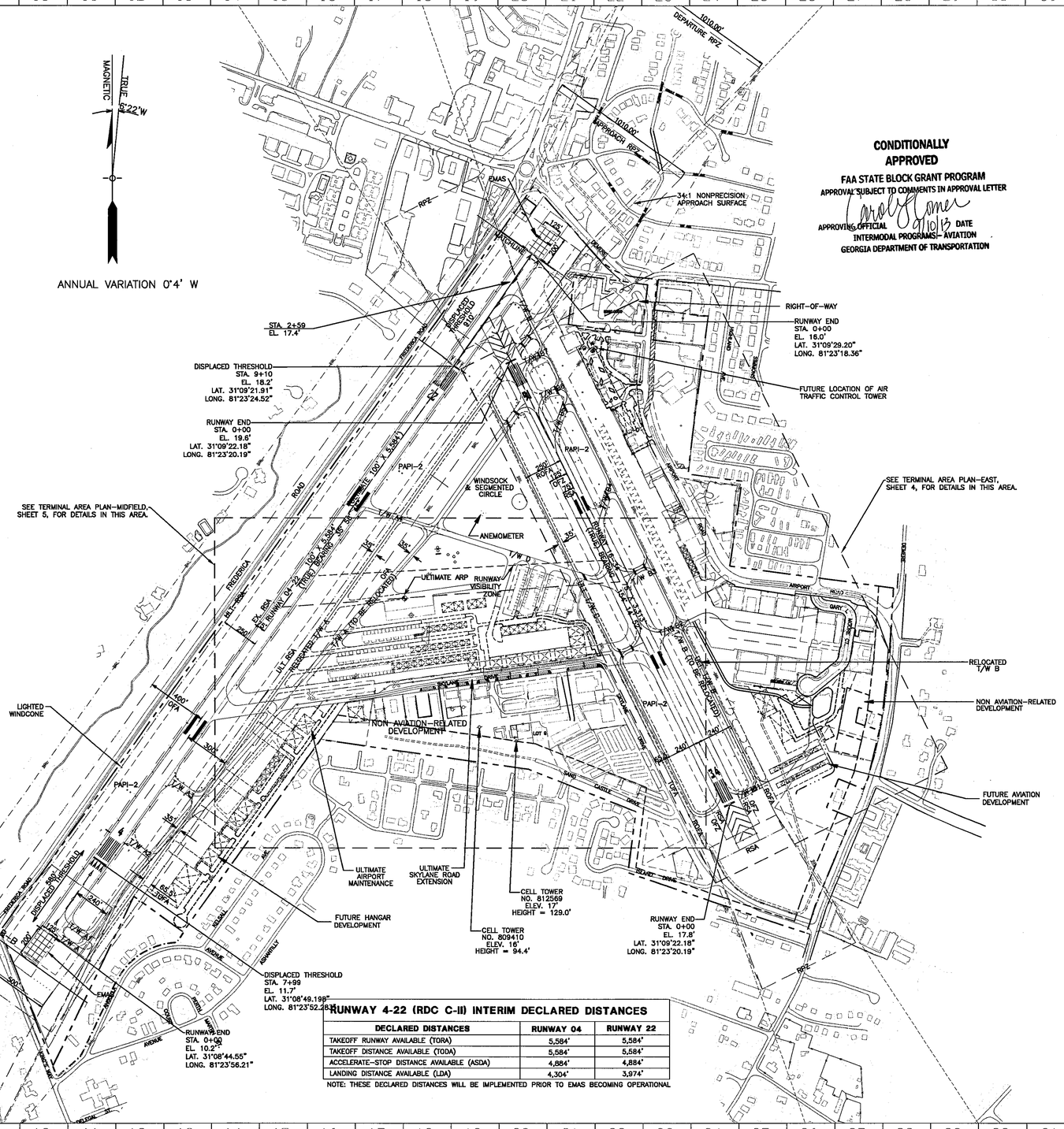
SCALE IN FEET

NOTES:

1. THE ALP SHOWS POTENTIAL HANGARS AND FBO DEVELOPMENT IN THE EAST SIDE, SOUTHWEST, AND MIDFIELD AREAS. THE DEVELOPMENT HAS BEEN PLANNED TO ENSURE THAT PART 77 SURFACES WOULD BE PROTECTED. HOWEVER, THE PLAN IS FLEXIBLE ENOUGH TO ACCOMODATE CHANGES BASED ON THE NEEDS AND WISHES OF AN FBO THAT WOULD BE FUNDING THE HANGARS AND RELATED DEVELOPMENT.
2. FUTURE HOLDING POSITION MARKINGS FOR RUNWAY 4-22/ TAXIWAY INTERSECTIONS ARE 250' FROM RUNWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE
3. FUTURE HOLDING POSITION MARKINGS FOR RUNWAY 16-34/ TAXIWAY INTERSECTIONS ARE 125' FROM RUNWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE
5. THERE ARE NO OFZ PENETRATIONS
6. REFERENCE SHEET 9, 10, AND 11 FOR THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
7. RUNWAYS 4-22 AND 16-34 DESIGNATIONS ARE NOT EXPECTED TO CHANGE WITHIN THE 20-YEAR PLANNING PERIOD DUE TO MAGNETIC DECLINATION
8. ULTIMATE RUNWAY 4-22 RDC C-II DECLARED DISTANCES TO BE DETERMINED BY FUTURE EMAS DESIGN.
9. EMAS DEPICTED REPRESENTS THE MINIMUM NON STANDARD LENGTH ALLOWABLE FOR FUTURE CRITICAL AIRCRAFT FOR PLANNING PURPOSES ONLY. SPECIFIC DIMENSIONS MUST BE DESIGNED PER ADVISORY CIRCULAR 150/5220-22 AND FAA ORDER 5900.9.
10. THE COMMISSION'S NON-AERONAUTICAL LAND USE POLICY HAS BEEN REVIEWED BY GEORGIA DOT IN ACCORDANCE WITH ORDER 5190.6B, AIRPORT COMPLIANCE MANUAL.

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.



CONDITIONALLY APPROVED

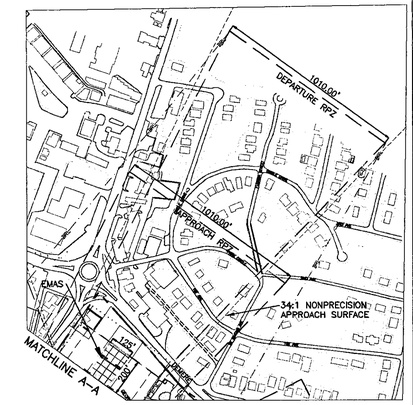
FAA STATE BLOCK GRANT PROGRAM

APPROVAL SUBJECT TO COMMENTS IN APPROVAL LETTER

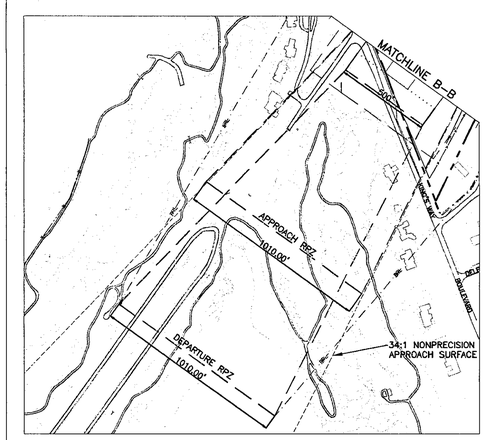
APPROVING OFFICIAL 9/10/13 DATE

INTERMODAL PROGRAMS- AVIATION

GEORGIA DEPARTMENT OF TRANSPORTATION



RUNWAY 22 END



RUNWAY 4 END

RUNWAY 4-22 (RDC C-II) INTERIM DECLARED DISTANCES

DECLARED DISTANCES	RUNWAY 04	RUNWAY 22
TAKEOFF RUNWAY AVAILABLE (TORA)	5,584'	5,584'
TAKEOFF DISTANCE AVAILABLE (TODA)	5,584'	5,584'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	4,884'	4,884'
LANDING DISTANCE AVAILABLE (LDA)	4,304'	3,974'

NOTE: THESE DECLARED DISTANCES WILL BE IMPLEMENTED PRIOR TO EMAS BECOMING OPERATIONAL

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ST. SIMONS ISLAND, GEORGIA

DESIGN UOJ | DRAWN SC | CHECK TGM | PROJECT NO. AP015032

REVISION	DATE	DESCRIPTION	BY
5	3/11/13	ALP Update - Response to GDOT Comments	RS&H
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2	4/04/12	ALP Update	RS&H
1	1/12/12	ALP Update	RS&H

McKinnon St. Simons Island Airport

APPROVALS

Executive Director 7/9/13

Title Date

Title Date

AIRPORT LAYOUT FUTURE CONDITIONS

DATE JUNE 2002

3

DRAWING NO.

EXISTING FACILITIES

NO.	STREET ADDRESS	TENANT/USE	NO.	STREET ADDRESS	TENANT/USE
30	30 GRUBER LANE	MARATHON AVIATION	127	127 AIRPORT ROAD	RICH-SEAPAK/NA
70	70 GRUBER LANE	GRUBER AVIATION	128	128 AIRPORT ROAD	RICH-SEAPAK/NA
11	11 AIRPORT ROAD	GOLDEN ISLES AVIATION – LOT 1	132	132 AIRPORT ROAD	GLYNN COUNTY UTILITY
21	21 AIRPORT ROAD	CART INVESTMENTS – LOT 2	207	207 AIRPORT ROAD	EOP MOTORSPORTS
31	31 AIRPORT ROAD	TOLAND ASSOC. – LOT 3	217	217 AIRPORT ROAD	ST. SIMONS ISLAND CAR WASH/NA
41	41 AIRPORT ROAD	TOLAND ASSOC. – LOT 4	1501	1501 DEMERE ROAD	BOY SCOUTS OF AMERICA/NA
51	51 AIRPORT ROAD	GCAC MAINTENANCE	2005	2005 DEMERE ROAD	ST. SIMONS ISLAND/UTILITY
100	100 AIRPORT ROAD	RICH SEAPAK/NA	93	93 GARY L. MOORE CT.	BETTER PONDS AND GARDENS
101	101 AIRPORT ROAD	DNR–GA./HANGAR	127	129 GARY L MOORE CT.	ERNIE NIGHT
104	104 AIRPORT ROAD	MIKE'S EQUIPMENT AND REPAIR/NA	147	147 GARY L. MOORE CT.	FLIGHT CENTER
107	107 AIRPORT ROAD	LANDSTAR EXPRESS	160	160 GARY L. MOORE CT.	FORMER LOW COUNTRY CANDLES/HANGAR
108	108 AIRPORT ROAD	J.D. MOORE CO.	660A	660 SKYLANE DR,UNIT 1–10	LONGVIEW HANGERS
109	109 AIRPORT ROAD	OCEAN AIR – GOLDEN ISLES AVIATION	660B	660 SKYLANE DR,UNIT 11–20	LONGVIEW HANGERS
111	111 AIRPORT ROAD	GOLDEN ISLES AVIATION/HANGAR	670	670 SKYLANE DRIVE	REDFERN HANGERS
113	113 AIRPORT ROAD	GOLDEN ISLES AVIATION STORAGE	680	680 SKYLANE DRIVE	BULLDOG HANGERS
117	117 AIRPORT ROAD	EAA/MISCELLANEOUS	690	690 SKYLANE DRIVE	FREDERICA HANGERS
119	119 AIRPORT ROAD	GCAC/TERMINAL–FBO			
125	125 AIRPORT ROAD	GOLDEN ISLES AVIATION/HANGAR			

NOTES: NA = NONAVIATION
GCAC = GLYNN COUNTY AIRPORT COMMISSION
EAA = EXPERIMENTAL AIRCRAFT ASSOCIATION

EXISTING FACILITIES

NO.	STREET ADDRESS	TENANT/USE	NO.	STREET ADDRESS	TENANT/USE
104	104 HAPPY HANGAR RD A1	W KING SIMMS	120	120 HAPPY HANGAR RD C7	HANS AND AUSTIN T TRUPP
106	106 HAPPY HANGAR RD A4	J C AVIATION INC	90	90 SKYLANE DRIVE	ST. SIMMONS STORAGE/NA
112	112 HAPPY HANGAR RD A2	W KING SIMMS	100 A	100 A SKYLANE DRIVE	W. KING SIMS/NA
114	114 HAPPY HANGAR RD A3	LYNDA FRANKLIN	100 B	100 B SKYLANE DRIVE	PRECISION METIALS/NA
131	131 HAPPY HANGAR RD B1	BARBARA JEANS REAL ESTATE HOLDINGS LLC	201	201 SKYLANE DRIVE	LLS/NA
107	107 HAPPY HANGAR RD B2	R DEAN FRANKLIN	205	205 SKYLANE DRIVE	LLS/NA
129	129 HAPPY HANGAR RD B3	EDWARD STRICKLAND	209	209 SKYLANE DRIVE	LLS/NA
109	109 HAPPY HANGAR RD B4	R DEAN FRANKLIN	213	213 SKYLANE DRIVE	LLS/NA
127	127 HAPPY HANGAR RD B5	DUCK AND GOOSE AVIATION	217	217 SKYLANE DRIVE	LLS/NA
111	111 HAPPY HANGAR RD B6	ZAK HINTON	223	223 SKYLANE DRIVE	LLS/NA
113	113 HAPPY HANGAR RD B7	STEVEN ANDERSON	229	229 SKYLANE DRIVE	LLS/NA
115	115 HAPPY HANGAR RD B8	J D MOORE INC	239	239 SKYLANE DRIVE	LLS/NA
132	132 HAPPY HANGAR RD C1	FOUTCH–SCHREIBER ENTERPRISES	249	249 SKYLANE DRIVE	LLS/NA
130	130 HAPPY HANGAR RD C2	GWYN JURSKIS	251	251 SKYLANE DRIVE	LLS/NA
128	128 HAPPY HANGAR RD C3	CHARLES REINAS	257	257 SKYLANE DRIVE	LLS/NA
126	126 HAPPY HANGAR RD C4	ERIC FRIEDRICH	261	261 SKYLANE DRIVE	LLS/NA
124	124 HAPPY HANGAR RD C5	JAMES F WATSON	277	277 SKYLANE DRIVE	LLS/NA
122	122 HAPPY HANGAR RD C6	MIDWEST AVIATION INC	287	287 SKYLANE DRIVE	LLS/NA

EXISTING FACILITIES

NO.	STREET ADDRESS	TENANT/USE
291	291 SKYLANE DRIVE	LLS/NA
294	294 SKYLANE DRIVE	LLS/NA
301	301 SKYLANE DRIVE	BAILY BOYS/NA
305	305 SKYLANE DRIVE	B&M AUTO CARE/NA
309	309 SKYLANE DRIVE	DR. DAVES DETAILING/NA
373	373 SKYLANE DRIVE	BAILY BOYS/NA
595	595 SKYLANE DRIVE	BAILY BOYS/NA
685	685 SKYLANE DRIVE	VATBORG/NA
20	20 MCKINNON IINDUS. PK.	COWLEY & ASSOCIATES/NA
136	136 DARBY CIRCLE	STEVEN SCHOETTLE/NA
152	152 DARBY CIRCLE	STEVEN SCHOETTLE/NA
105	105 BUSINESS CENTER DR.	SKYLANE SHOPS/NA
115	115 BUSINESS CENTER DR.	SKYLANE SHOPS/NA

EXISTING FACILITIES

NO.	STREET ADDRESS	TENANT/USE
205	205 BUSINESS CENTER DR.	KIRBY COMMERCIAL/NA
221	221 BUSINESS CENTER DR.	KIRBY COMMERCIAL/NA
223	223 BUSINESS CENTER DR.	SKYLANE SHOPS LLC/NA
235	235 BUSINESS CENTER DR.	SKYLANE SHOPS LLC/NA
304	304 BUSINESS CENTER DR.	SKYLANE COMMERCIAL LLC/NA
312	312 BUSINESS CENTER DR.	SKYLANE COMMERCIAL LLC/NA
322	322 BUSINESS CENTER DR.	SKYLANE COMMERCIAL LLC/NA
330	330 BUSINESS CENTER DR.	SKYLANE SHOPS LLC/NA
404	404 BUSINESS CENTER DR.	KIRBY COMMERCIAL LLC/NA
406	406 BUSINESS CENTER DR.	SKYLANE SHOPS LLC/NA
633	633 SKYLANE ROAD	UGA SUPERSTORE LLC/NA

NOTES: NA = NONAVIATION
GCAC = GLYNN COUNTY AIRPORT COMMISSION
EAA = EXPERIMENTAL AIRCRAFT ASSOCIATION

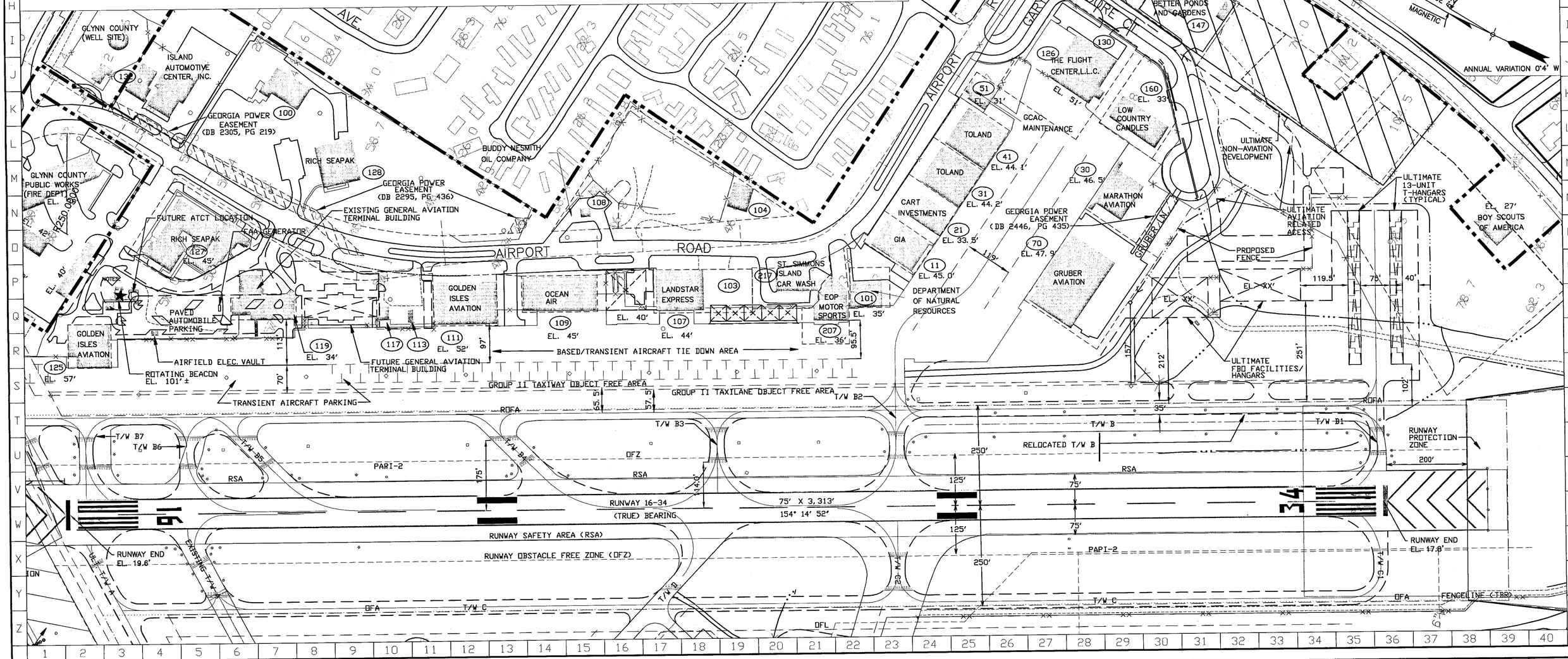
EXISTING FACILITIES

NO.	STREET ADDRESS	TENANT/USE
665	665 SKYLANE ROAD	CAMERON SHADRON/NA
113	113 SKY SPACE COURT	JANE HOLMES/NA
121	121 SKY SPACE COURT	ADOLPH D DOEHRING/NA
129	129 SKY SPACE COURT	OGLETHORPE BANK/NA
139	139 SKY SPACE COURT	COASTAL BUILDERS INC/NA
140	140 SKY SPACE COURT	JANE HOLMES/NA
144	144 SKY SPACE COURT	STEVEN J SCHOETTLE/NA

LEGEND

ITEM	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
AIRFIELD/APRON PAVEMENT EDGE		
ROADWAY PAVEMENT EDGE		
BUILDING STRUCTURES		
DRAINAGE COURSE/LIMITS		
NON–AVIATION DEVELOPMENT		
AIRFIELD MARKINGS		

120' 60' 0 120' 240' 360'
SCALE IN FEET



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McKINNON-St SIMONS ISLAND AIRPORT

ST. SIMONS ISLAND, GEORGIA

DESIGN	UOJ	DRAWN	NPK	CHECK	TGM	PROJECT NO.	AP015032

REVISION	DATE	DESCRIPTION	BY
5	3/11/13	ALP Update - Response to GDOT Comments	RS&H
4	2/27/13	ALP Update	RS&H
3	8/08/12	ALP Update	RS&H
2	4/04/12	ALP Update	RS&H
1	1/12/12	ALP Update	RS&H

McKinnon St. Simons Island Airport

APPROVALS

Title Date

Title Date

TERMINAL AREA DRAWING - EAST

DATE JUNE 2002

DRAWING NO. 4

MAGNETIC
TRUE 6°22'W

ANNUAL VARIATION 0°4' W

100' 50' 0 100' 200' 300'
SCALE IN FEET

REFERENCE SHEET 4 "TERMINAL AREA DRAWING" FOR FACILITIES LEGEND

RUNWAY 04-22 150' X 5,584'
(TRUE) BEARING 35° 58' 45"

RUNWAY 16-34
(TRUE) BEARING
154° 14' 52"
75' X 3,313'

FAA
ASOS
PROPANE TANK
AND GENERATOR

EXISTING T/W A (TO BE REMOVED)

FREDERICA HANGER
690
EL. 35.5'

BULLDOG HANGARS
680
EL. 32.1'

REDFERN HANGARS
670
EL. 32.0'

LONGVIEW HANGARS
660B
EL. 27.13'

LONGVIEW HANGARS
660A
EL. 27.3'

TYP. HANGAR 60' X60'
TYP. HANGAR 50' X50'
TYP. HANGAR 80' X80' (EL. 40')
2-65' X100' HANGARS/ OFFICE SPACE

HAPPY HANGARS "C"
HAPPY HANGARS "B"
HAPPY HANGARS "A"
HAPPY HANGARS
W. KING SIMMS

SKYLANE DRIVE
SKYLANE CONDOMINIUM ASSOCIATION, INC.
SKYLANE SPACES
BUSINESS CENTER DRIVE
PRECISION METALS
BAILEY BOYS
VAGTBORG
B & M AUTO CARE
KING & PRINCE
SOUTHERN STAR INC
DARBY CIRCLE
BAILY BOYS CLOTHS
SKYLANE BUSINESS CONDOMINIUM
AIRPORT INDUSTRIAL PARK
ST. SIMONS STORAGE
THAW & CO. LOPA
ULTIMATE NON-AVIATION DEVELOPMENT
COMMUNICATION ANT. (CCCAIRTEL) 85' MSL
LOT 9
INTERCEL
COWLEY & ASSOCIATES
SAND DOLLAR DRIVE EXTENSION
SAND CASTLE DRIVE
FUTURE AIRPORT MAINTENANCE SITE
ULTIMATE NON-AVIATION DEVELOPMENT
15,000 SQ. FT.

BASED/TRANSIENT AIRCRAFT TIE-DOWN AREA
LANDSTAR EXPRESS
ST. SIMMONS ISLAND CAR WASH
FOR MOTOR SPORTS
ROAD 48
DEPARTMENT OF NATURAL RESOURCES
RELOCATED T/W B
RELOCATED FENCELINE
FENCELINE
PAPI 1-2
RUNWAY SAFETY AREA (RSA)

34

LEGEND

ITEM	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
AIRFIELD/APRON PAVEMENT EDGE		
ROADWAY PAVEMENT EDGE		
BUILDING STRUCTURES		
DRAINAGE COURSE/LIMITS		
NON AVIATION DEVELOPMENT		

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REVISION	DATE	DESCRIPTION	BY
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3	8/08/12	ALP Update	RS&H
2	4/04/12	ALP Update	RS&H
1	1/12/12	ALP Update	RS&H

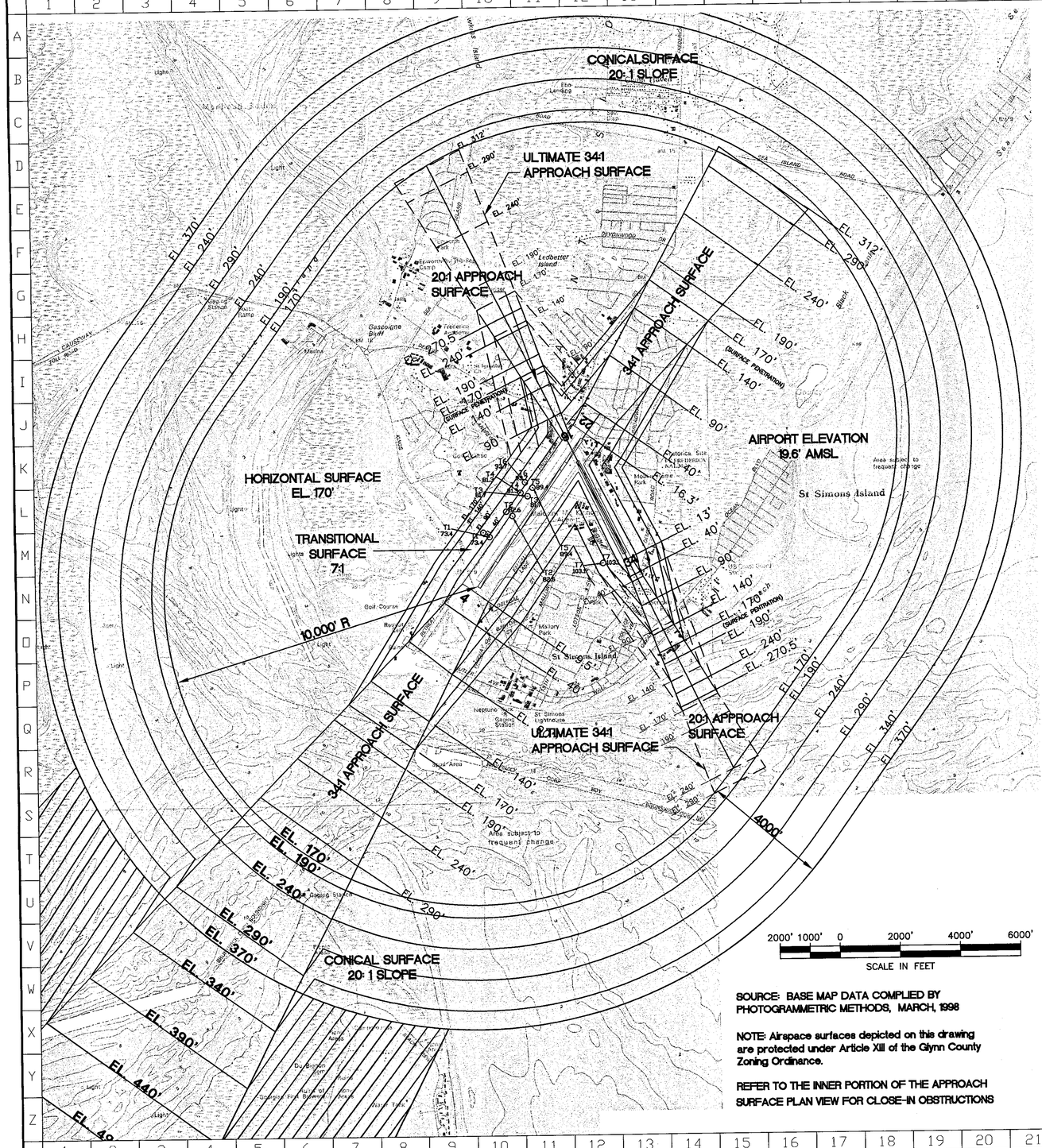
McKinnon St. Simons Island Airport

APPROVALS
Title Date
Title Date

TERMINAL AREA DRAWING - MIDFIELD

DATE JUNE 2002

DRAWING NO. 5



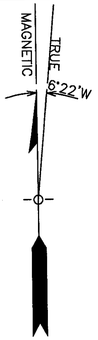
2000' 1000' 0 2000' 4000' 6000'

SCALE IN FEET

SOURCE: BASE MAP DATA COMPLIED BY PHOTOGRAMMETRIC METHODS, MARCH, 1998

NOTE: Airspace surfaces depicted on this drawing are protected under Article XIII of the Glynn County Zoning Ordinance.

REFER TO THE INNER PORTION OF THE APPROACH SURFACE PLAN VIEW FOR CLOSE-IN OBSTRUCTIONS



ANNUAL VARIATION 0°4' W

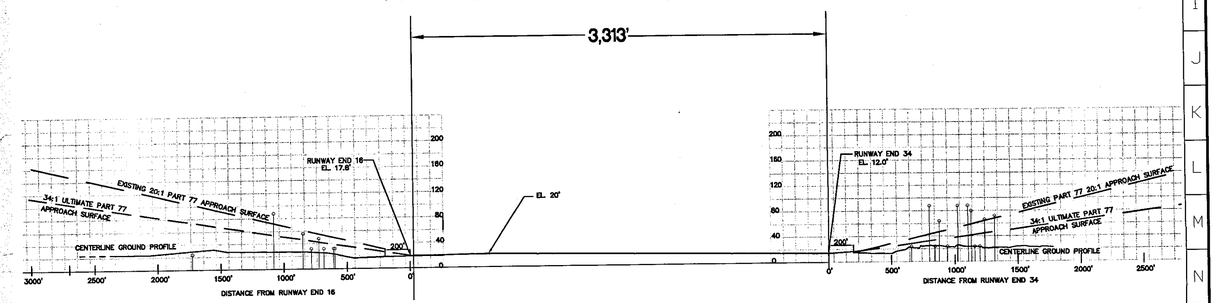
PART 77 TRANSITIONAL SURFACE OBSTRUCTION TABLE - RUNWAY 34

OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
T1	TREE	73.4'	3'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T2	TREE	82.6'	42'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T3	TREE	82.6'	31'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T4	TREE	81.3'	9'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T5	TREE	89.4'	35'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T6	TREE	93.7'	13'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T7	TREE	103.1'	1'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE

ELEVATIONS SHOWN ARE MEAN SEA LEVEL

APPROACH OBSTRUCTIONS - RUNWAY 16-34

3,313'



HORIZONTAL SCALE

600' 300' 0 600' 1200' 1800'

SCALE IN FEET

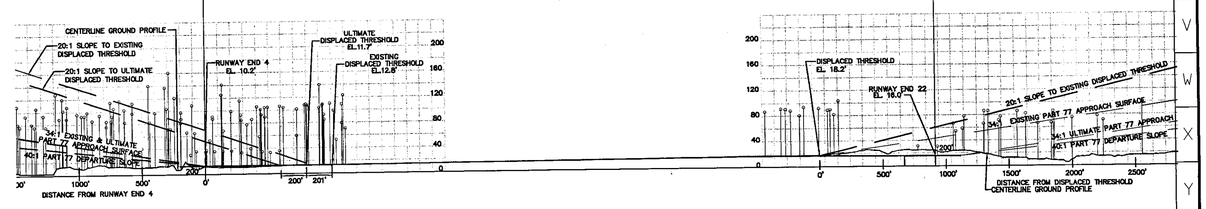
VERTICAL SCALE

60' 30' 0 60' 120' 180'

SCALE IN FEET

APPROACH OBSTRUCTIONS - RUNWAY 4-22

5,584'



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2	4/04/12	ALP Update	RS&H
1	1/12/12	ALP Update	RS&H

McKinnon St. Simons Island Airport

APPROVALS

Title Date

Title Date

AIRPORT AIRSPACE DRAWING

DATE JUNE 2002

6

DRAWING NO.

HORIZONTAL SURFACE
EL. 170'

4000'

CONICAL SURFACE
20:1 SLOPE

EL. 65' EL. 70' EL. 90' EL. 140' EL. 170' EL. 190' EL. 240' EL. 290'

50:1 APPROACH SURFACE

EL. 170' EL. 190' EL. 240' EL. 290' EL. 370' EL. 340' EL. 390' EL. 440' EL. 490' EL. 540' EL. 590' EL. 640' EL. 690' EL. 740' EL. 790' EL. 840' EL. 890' EL. 940' EL. 990' EL. 1040' EL. 1090' EL. 1140' EL. 1190'

40:1 APPROACH SURFACE TO RUNWAY 04

7:1 TRANSITIONAL SURFACE

7:1 TRANSITIONAL SURFACE

TRANSITIONAL SURFACE 7:1

10,000' R

JEKYLL ISLAND STATE PARK

JEKYLL ISLAND

GLYNN CO.
CAMDEN CO.

TRUE
MAGNETIC
16°22' W

ANNUAL VARIATION 0°4' W

2000' 1000' 0 2000' 4000' 6000'
SCALE IN FEET

REFER TO THE INNER PORTION OF THE APPROACH SURFACE PLAN VIEW FOR CLOSE-IN OBSTRUCTIONS

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1	1/12/12	ALP Update					RS&H
REVISION	DATE	DESCRIPTION					BY

McKinnon St. Simons Island Airport

APPROVALS

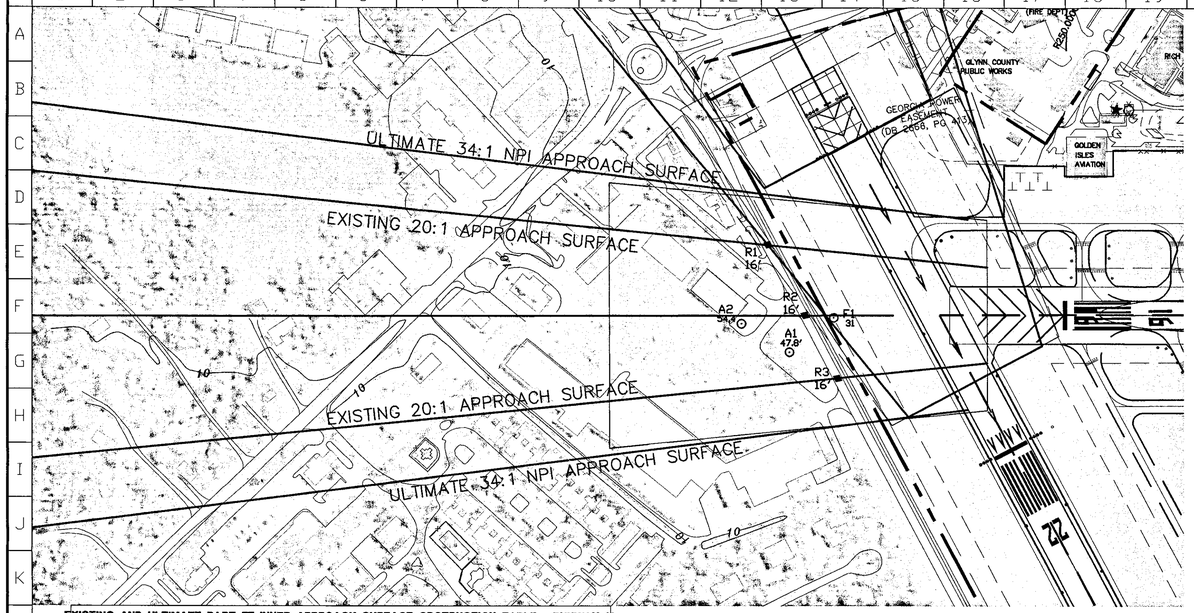
Title Date

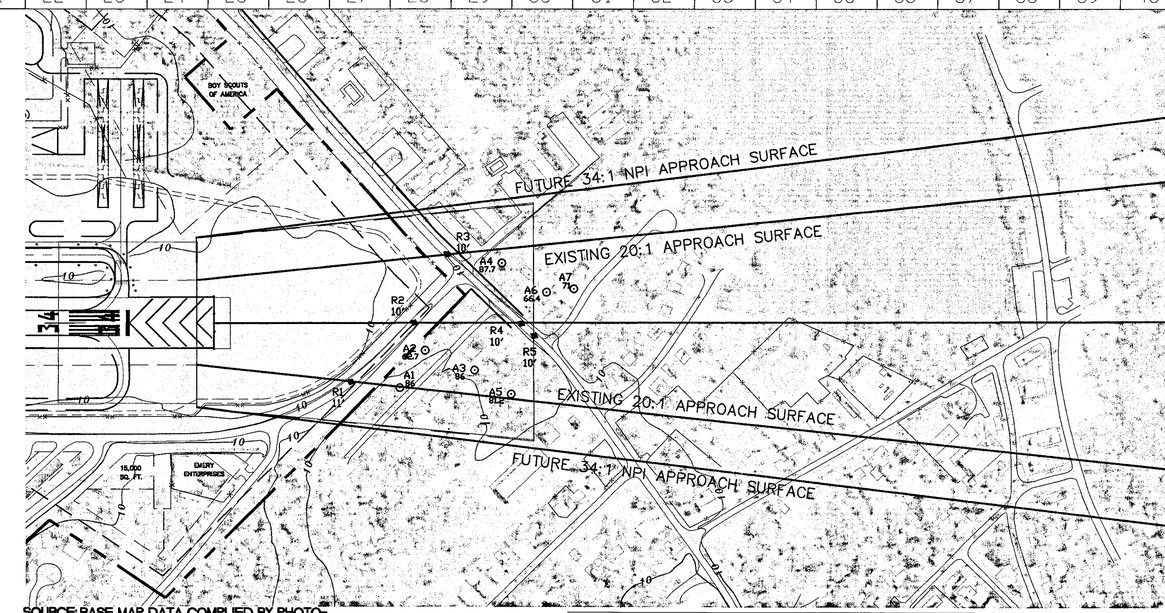
Title Date

AIRPORT
AIRSPACE DRAWING

DATE JUNE 2002

7
DRAWING NO.





SOURCE: BASE MAP DATA COMPILED BY PHOTO-GRAMMETRIC METHODS, MARCH, 1998

EXISTING AND ULTIMATE PART 77 INNER APPROACH SURFACE OBSTRUCTION TABLE - RUNWAY 16

OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
A1	TREE	47.8'	2'	20:1 APPROACH SURFACE	TOP OR REMOVE
A2	TREE	54.4'	2'	20:1 APPROACH SURFACE	TOP OR REMOVE

ALL TREE OBSTRUCTIONS TO WEST OF RUNWAY 16 TO BE REMOVED OR TRIMED
ELEVATIONS SHOWN ARE MEAN SEA LEVEL

EXISTING AND ULTIMATE PART 77 INNER APPROACH SURFACE OBSTRUCTION TABLE - RUNWAY 34

OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
A1	TREE	86.0'	43'	20:1 APPROACH SURFACE	TOP OR REMOVE
A2	TREE	62.7'	16'	20:1 APPROACH SURFACE	TOP OR REMOVE
A3	TREE	86.0'	32'	20:1 APPROACH SURFACE	TOP OR REMOVE
A4	TREE	87.7'	29'	20:1 APPROACH SURFACE	TOP OR REMOVE
A5	TREE	81.0'	21'	20:1 APPROACH SURFACE	TOP OR REMOVE
A6	TREE	66.4'	1'	20:1 APPROACH SURFACE	TOP OR REMOVE
A7	TREE	71.0'	2'	20:1 APPROACH SURFACE	TOP OR REMOVE

ALL TREE OBSTRUCTIONS TO EAST OF RUNWAY 34 TO BE REMOVED OR TRIMED
ELEVATIONS SHOWN ARE MEAN SEA LEVEL

TRUE 0°22' W
MAGNETIC
ANNUAL VARIATION 0°4' W

HORIZONTAL SCALE

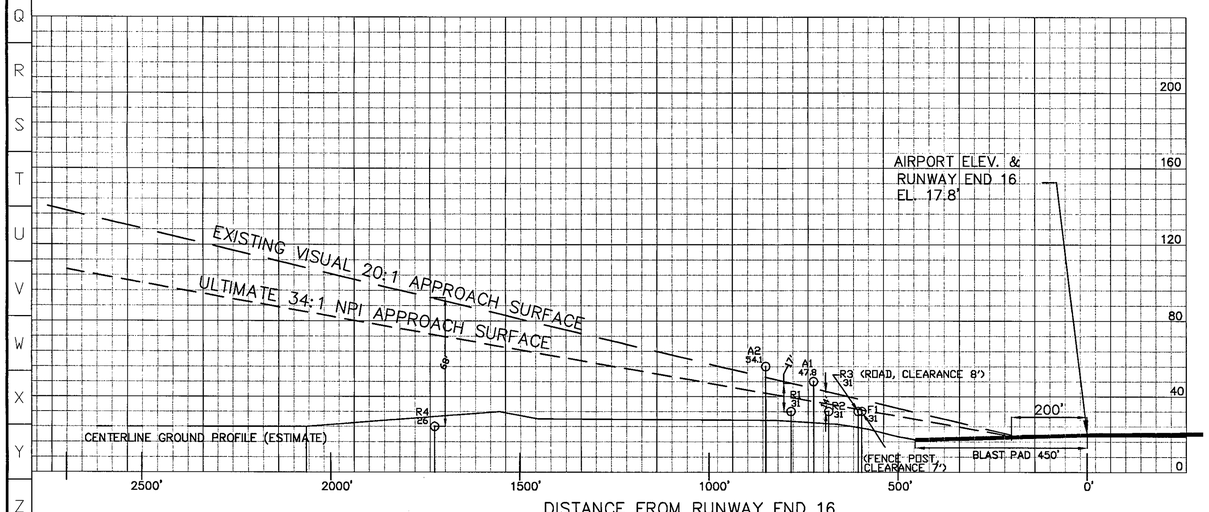
200' 100' 0 200' 400' 600'

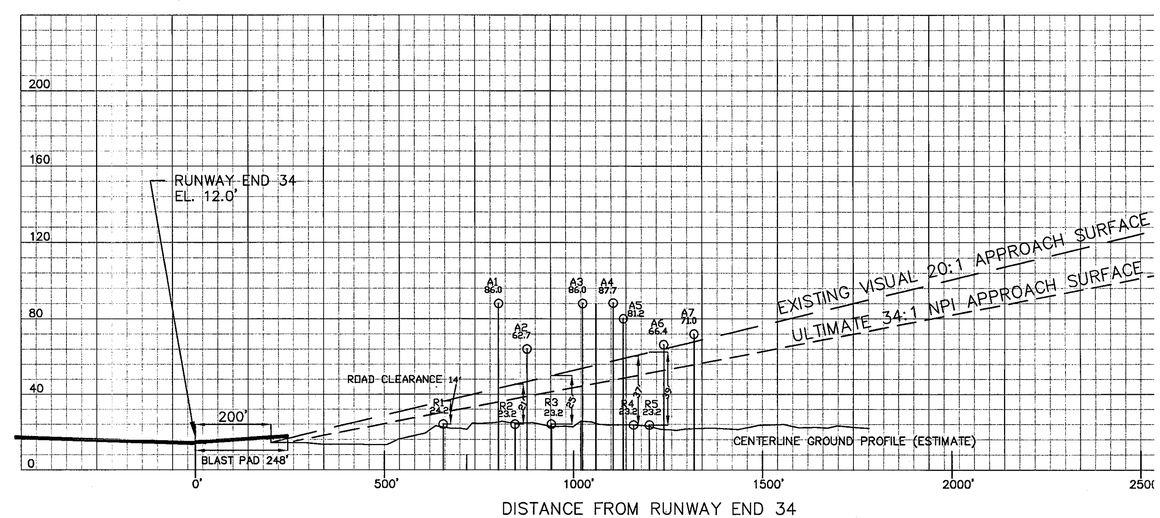
SCALE IN FEET

VERTICAL SCALE

20' 10' 0 20' 40' 60'

SCALE IN FEET





LEGEND

ITEM	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
AIRFIELD/APRON PAVEMENT EDGE		
ROADWAY PAVEMENT EDGE		
BUILDING STRUCTURES		

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DESIGN	SC	DRAWN	SC	CHECK	TGM	PROJECT NO.
1	1/12/12	ALP Update				AP015033
REVISION	DATE	DESCRIPTION				BY

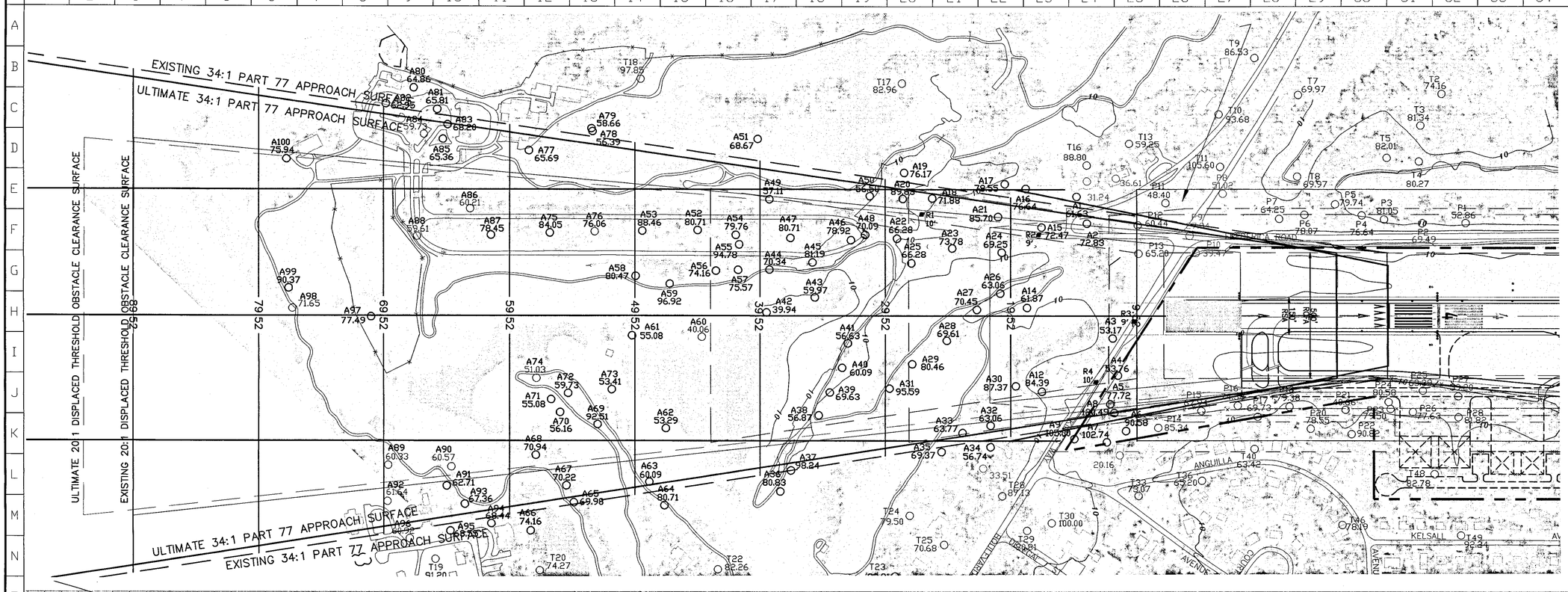
McKinnon St. Simons Island Airport

APPROVALS
Title Date
Title Date

INNER PORTION OF RWY 16/34 APPROACH SURFACES DRAWING

DATE JUNE 2002

8
DRAWING NO.



HORIZONTAL SCALE

200' 100' 0 200' 400' 600'

SCALE IN FEET

VERTICAL SCALE

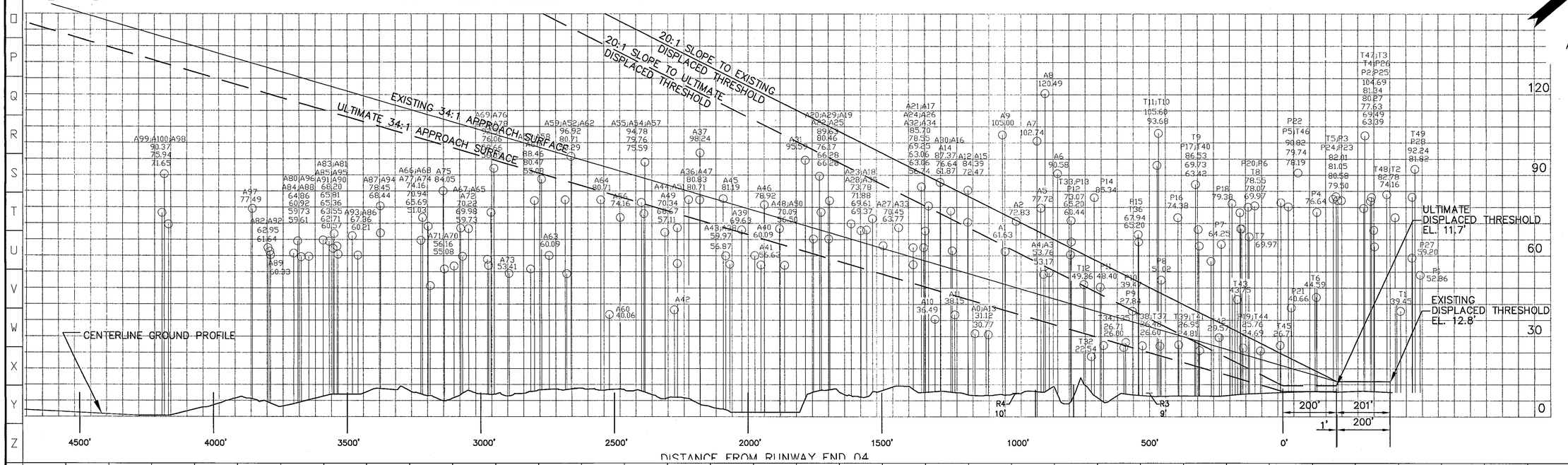
20' 10' 0 20' 40' 60'

SCALE IN FEET

SOURCE: BASE MAP DATA COMPLIED BY PHOTOGRAMMETRIC METHODS, MARCH, 1999

LEGEND		
ITEM	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
AIRFIELD/APRON PAVEMENT EDGE		
ROADWAY PAVEMENT EDGE		
BUILDING STRUCTURES		
DRAINAGE COURSE/LIMITS		

ANNUAL VARIATION 0°4' W



OBSTRUCTION TABLES ON SHEET ELEVEN

NOTE:
1) OBSTRUCTION ELEVATIONS ARE CIRCA 2002 DATA. UNDOCUMENTED OBSTRUCTION REMOVAL IS NOT INDICATED BY THIS UPDATE.

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DESIGN	SC	DRAWN	SC	CHECK	TGM	PROJECT NO.	AP015033
REVISION	DATE	DESCRIPTION				BY	
5	3/11/13	ALP Update - Response to GDOT Comments				RS&H	
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3	8/08/12	ALP Update				RS&H	
2	4/04/12	ALP Update				RS&H	
1	1/12/12	ALP Update				RS&H	

McKinnon St. Simons Island Airport

APPROVALS

Title Date

Title Date

INNER PORTION OF RWY 04 APPROACH SURFACES DRAWING

DATE JUNE 2002

9

DRAWING NO.

ULTIMATE PART 77 INNER APPROACH SURFACE OBSTRUCTION TABLE - RUNWAY 22					
OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
A1	TREE	58.6'	37'	34:1 APPROACH SURFACE	TOP OR REMOVE
A2	TREE	66'	40'	34:1 APPROACH SURFACE	TOP OR REMOVE
A3	TREE	86.3'	60'	34:1 APPROACH SURFACE	TOP OR REMOVE
A4	TREE	71.4'	42'	34:1 APPROACH SURFACE	TOP OR REMOVE
A5	TREE	85.7'	52'	34:1 APPROACH SURFACE	TOP OR REMOVE
A6	TREE	82.2'	47'	34:1 APPROACH SURFACE	NONE
A7	TREE	66.6'	30'	34:1 APPROACH SURFACE	TOP OR REMOVE
A8	TREE	67.2'	26'	34:1 APPROACH SURFACE	TOP OR REMOVE
A9	TREE	85.6'	44'	34:1 APPROACH SURFACE	TOP OR REMOVE
A10	TREE	77.7'	39'	34:1 APPROACH SURFACE	TOP OR REMOVE
A11	TREE	78.3	30'	34:1 APPROACH SURFACE	TOP OR REMOVE

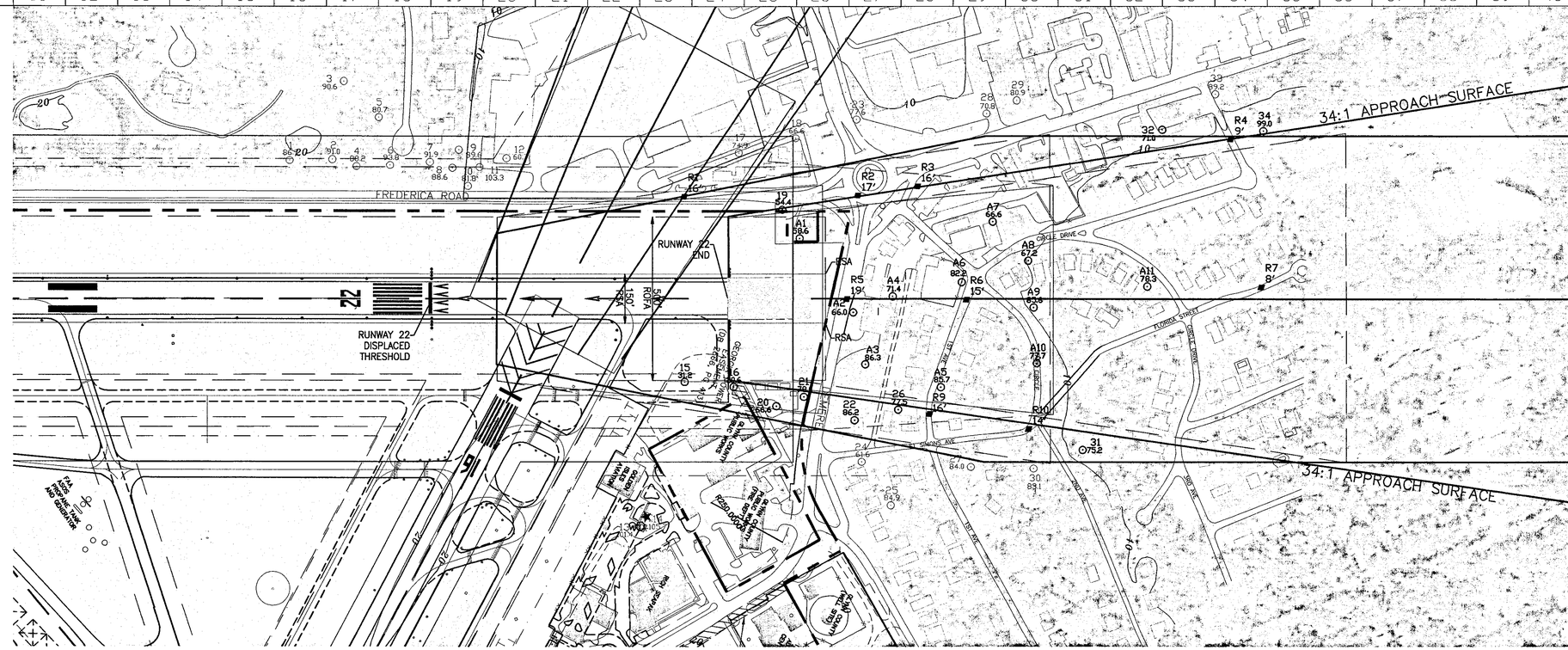
ALL TREE OBSTRUCTIONS TO EAST OF RUNWAY TO BE REMOVED OR TRIMED
ELEVATIONS SHOWN ARE MEAN SEA LEVEL

ULTIMATE PART 77 TRANSITIONAL AND PRIMARY SURFACE OBSTRUCTION TABLE - RUNWAY 22					
OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
1	TREE	86.7'	46'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
2	TREE	91.0'	49'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
3	TREE	90.6'	14'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
4	TREE	88.2'	49'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
5	TREE	80.7'	33'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
6	TREE	93.8'	54'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
7	TREE	91.9'	51'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
8	TREE	88.6'	50'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
9	TREE	89.6'	44'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
10	TREE	81.8'	52'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
11	TREE	103.3'	65'	7:1 TRANSITIONAL SURFACE	NONE
12	TREE	60.7'	18'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
13	BUILDING	101.4'	21'	7:1 TRANSITIONAL SURFACE	LIGHT
14	MISC	105.7'	26'	7:1 TRANSITIONAL SURFACE	LIGHT
15	BUILDING	31.2'	15'	7:1 TRANSITIONAL SURFACE	LIGHT
16	BUILDING	30.6'	12'	7:1 TRANSITIONAL SURFACE	LIGHT
17	TREE	74.9'	30'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
18	TREE	66.6'	39'	7:1 TRANSITIONAL SURFACE	NONE
19	TREE	54.4'	34'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
20	TREE	66.6'	15'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
21	TREE	78'	56'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
22	TREE	86.2'	51'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
23	TREE	77.6'	15'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
24	TREE	61.6'	24'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
25	TREE	84.9'	10'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
26	TREE	77.5'	45'	7:1 TRANSITIONAL SURFACE	NONE
27	TREE	84'	25'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
28	TREE	70.8'	3'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
29	TREE	80.9'	7'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
30	TREE	83.1'	22'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
31	TREE	75.2'	21'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
32	TREE	71'	5'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
33	TREE	99.2'	8'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
34	TREE	99'	33'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE

ALL TREE OBSTRUCTIONS TO EAST OF RUNWAY TO BE REMOVED OR TRIMED
ELEVATIONS SHOWN ARE MEAN SEA LEVEL

EXISTING THRESHOLD SITTING REQUIREMENT-OBSTRUCTION TABLE					
OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
24	TREE	78.0'	0.4'	20:1 SURFACE	TOP OR REMOVE
A3	TREE	86.3'	15.5'	20:1 SURFACE	TOP OR REMOVE
25	TREE	86.2'	5.6'	20:1 SURFACE	TOP OR REMOVE

ALL TREE OBSTRUCTIONS TO EAST OF RUNWAY TO BE REMOVED OR TRIMED
ELEVATIONS SHOWN ARE MEAN SEA LEVEL



SOURCE: BASE MAP DATA COMPLIED BY PHOTO-GRAMMETRIC METHODS, MARCH, 1998

HORIZONTAL SCALE

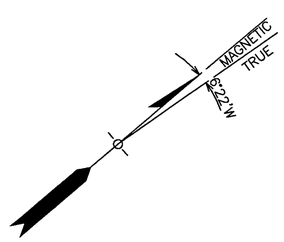
200' 100' 0 200' 400' 600'

SCALE IN FEET

VERTICAL SCALE

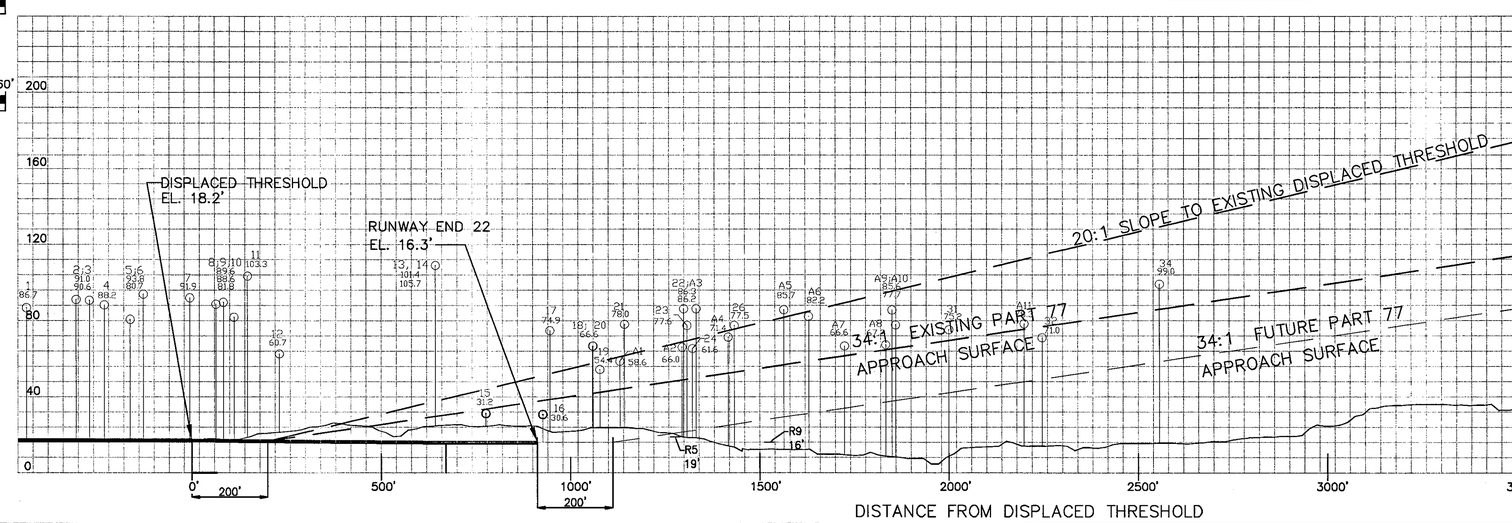
20' 10 0 20' 40' 60'

SCALE IN FEET



ANNUAL VARIATION 0°4' W

LEGEND		
ITEM	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
AIRFIELD/APRON PAVEMENT EDGE		
ROADWAY PAVEMENT EDGE		
BUILDING STRUCTURES		
DRAINAGE COURSE/LIMITS		



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McKINNON-St SIMONS ISLAND AIRPORT
ST. SIMONS ISLAND, GEORGIA

DESIGN	SC	DRAWN	SC	CHECK	TGM	PROJECT NO.	AP015033

REVISION	DATE	DESCRIPTION	BY
2	4/04/12	ALP Update	RS&H
1	1/12/12	ALP Update	RS&H

McKinnon St. Simons Island Airport

APPROVALS

Title Date

Title Date

INNER PORTION OF RWY 22 APPROACH SURFACES DRAWING

DATE JUNE 2002

10

DRAWING NO.

ULTIMATE PART 77 TRANSITIONAL SURFACE OBSTRUCTION TABLE - RUNWAY 4

OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
T1	BUILDING	39.45'	1'	7:1 TRANSITIONAL SURFACE	LIGHT
T2	TREE GROUP	74.16'	9'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T3	TREE GROUP	81.34'	34'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T4	TREE GROUP	80.27'	52'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T5	TREE GROUP	82.01'	52'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T6	BUILDING	44.59'	28'	7:1 TRANSITIONAL SURFACE	LIGHT
T7	TREE GROUP	69.97'	6'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T8	TREE GROUP	69.97'	49'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T9	TREE GROUP	86.53'	1'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T10	TREE GROUP	93.68'	40'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T11	TREE GROUP	105.60'	78'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T12	BUILDING	49.36'	21'	7:1 TRANSITIONAL SURFACE	LIGHT
T13	TREE GROUP	59.25'	23'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T14	BUILDING	36.61'	20'	7:1 TRANSITIONAL SURFACE	LIGHT
T15	BUILDING	31.24'	18'	7:1 TRANSITIONAL SURFACE	LIGHT
T16	TREE	88.80'	65'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T17	TREE GROUP	82.96'	23'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T18	TREE GROUP	97.85'	28'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T19	TREE GROUP	91.20'	14'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T20	TREE GROUP	74.27'	75'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T21	TREE GROUP	103.72'	8'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T22	TREE GROUP	82.26'	11'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T23	TREE GROUP	98.81'	24'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T24	TREE GROUP	79.50'	27'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T25	TREE GROUP	70.68'	5'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T26	TREE GROUP	121.21'	13'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T27	BUILDING	33.51'	9'	7:1 TRANSITIONAL SURFACE	LIGHT
T28	TREE GROUP	87.13'	47'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T29	TREE GROUP	80.81'	21'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T30	TREE GROUP	100.00'	50'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T31	BUILDING	20.16'	12'	7:1 TRANSITIONAL SURFACE	LIGHT
T32	BUILDING	22.54'	2'	7:1 TRANSITIONAL SURFACE	LIGHT
T33	TREE GROUP	73.07'	32'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T34	BUILDING	28.71'	7'	7:1 TRANSITIONAL SURFACE	LIGHT
T35	BUILDING	26.00'	8'	7:1 TRANSITIONAL SURFACE	LIGHT
T36	TREE GROUP	65.20'	33'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T37	BUILDING	26.60'	10'	7:1 TRANSITIONAL SURFACE	LIGHT
T38	BUILDING	28.48'	11'	7:1 TRANSITIONAL SURFACE	LIGHT
T39	BUILDING	26.95'	11'	7:1 TRANSITIONAL SURFACE	LIGHT
T40	TREE GROUP	63.42'	50'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T41	BUILDING	24.81'	12'	7:1 TRANSITIONAL SURFACE	LIGHT
T42	BUILDING	29.57'	16'	7:1 TRANSITIONAL SURFACE	LIGHT
T43	BUILDING	43.75'	26'	7:1 TRANSITIONAL SURFACE	LIGHT
T44	BUILDING	24.69'	4'	7:1 TRANSITIONAL SURFACE	LIGHT
T45	BUILDING	28.71'	5'	7:1 TRANSITIONAL SURFACE	LIGHT
T46	TREE GROUP	78.19'	20'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T47	TREE GROUP	104.67'	12'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T48	TREE GROUP	82.78'	52'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE
T49	TREE GROUP	92.24'	28'	7:1 TRANSITIONAL SURFACE	TOP OR REMOVE

ALL TREE OBSTRUCTIONS TO EAST OF RUNWAY TO BE REMOVED OR TRIMED

ULTIMATE PART 77 PRIMARY SURFACE OBSTRUCTION TABLE

OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
P1	TREE	52.86'	47'	PRIMARY SURFACE	TOP OR REMOVE
P2	TREE	69.49'	58'	PRIMARY SURFACE	TOP OR REMOVE
P3	TREE	81.05'	69'	PRIMARY SURFACE	TOP OR REMOVE
P4	TREE	76.64'	65'	PRIMARY SURFACE	TOP OR REMOVE
P5	TREE	79.74'	68'	PRIMARY SURFACE	TOP OR REMOVE
P6	TREE	78.07'	66'	PRIMARY SURFACE	TOP OR REMOVE
P7	TREE	64.25'	54'	PRIMARY SURFACE	TOP OR REMOVE
P8	POLE	51.02'	41'	PRIMARY SURFACE	LIGHT OR REMOVE
P9	POLE TRAFFIC LIGHT	27.84'	18'	PRIMARY SURFACE	LIGHT
P10	POLE	39.47'	30'	PRIMARY SURFACE	LIGHT
P11	TREE	48.40'	39'	PRIMARY SURFACE	TOP OR REMOVE
P12	TREE	60.44'	51'	PRIMARY SURFACE	TOP OR REMOVE
P13	TREE	65.20'	56'	PRIMARY SURFACE	TOP OR REMOVE
P14	TREE	85.34'	76'	PRIMARY SURFACE	TOP OR REMOVE
P15	TREE	67.94'	58'	PRIMARY SURFACE	TOP OR REMOVE
P16	TREE	74.38'	65'	PRIMARY SURFACE	TOP OR REMOVE
P17	TREE	69.73'	60'	PRIMARY SURFACE	TOP OR REMOVE
P18	TREE	79.38'	70'	PRIMARY SURFACE	TOP OR REMOVE
P19	BUILDING	25.76'	14'	PRIMARY SURFACE	LIGHT
P20	TREE	78.55'	67'	PRIMARY SURFACE	TOP OR REMOVE
P21	TREE	40.66'	29'	PRIMARY SURFACE	TOP OR REMOVE
P22	TREE	90.82'	80'	PRIMARY SURFACE	TOP OR REMOVE
P23	TREE	79.50'	6'	PRIMARY SURFACE	TOP OR REMOVE
P24	TREE	80.58'	69'	PRIMARY SURFACE	TOP OR REMOVE
P25	TREE	63.3'	51'	PRIMARY SURFACE	TOP OR REMOVE
P26	TREE	80.98'	69'	PRIMARY SURFACE	TOP OR REMOVE
P27	TREE	59.20'	47'	PRIMARY SURFACE	TOP OR REMOVE
P28	TREE	81.82'	70'	PRIMARY SURFACE	TOP OR REMOVE

EXISTING THRESHOLD SITING REQUIREMENT - OBSTRUCTION TABLE*

OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
A30	TREE	87.37'	1'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A12	TREE	84.39'	3'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A9	TREE	105.00'	30'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A2	TREE	72.83'	1'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A7	TREE	102.74'	35'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A5	TREE	77.72'	10'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A8	TREE	120.49'	55'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A6	TREE	90.58'	26'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE

*APPROACH END OF RUNWAY 4 EXPECTED TO SUPPORT INSTRUMENT STRAIGHT IN NIGHT OPERATIONS

ULTIMATE THRESHOLD SITING REQUIREMENT - OBSTRUCTION TABLE*

OBSTRUCTION NO.	OBSTRUCTION TYPE	TOP OF OBJECT ELEV.	SURFACE PENETRATION	SURFACE AFFECTED	PROPOSED ACTION
A30	TREE	87.37'	11'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A12	TREE	84.39'	14'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A9	TREE	105.00'	41'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A2	TREE	72.83'	11'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A7	TREE	102.74'	45'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A5	TREE	77.72'	21'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A8	TREE	120.49'	64'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE
A6	TREE	90.58'	37'	20:1 APPROACH TO DISPLACED THRESHOLD	TOP OR REMOVE

*APPROACH END OF RUNWAY 4 EXPECTED TO SUPPORT INSTRUMENT STRAIGHT IN NIGHT OPERATIONS

NOTE:
1) OBSTRUCTION ELEVATIONS ARE CIRCA 2002 DATA. UNDOCUMENTED OBSTRUCTION REMOVAL IS NOT INDICATED BY THIS UPDATE.

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McKINNON-St SIMONS ISLAND AIRPORT
ST. SIMONS ISLAND, GEORGIA

DESIGN	SC	DRAWN	SC	CHECK	TGM	PROJECT NO.	AP015033

REVISION	DATE	DESCRIPTION	BY
5	3/11/13	ALP Update - Response to GDOT Comments	RS&H
4	2/27/13	ALP Update	RS&H
3	8/08/12	ALP Update	RS&H
2	4/04/12	ALP Update	RS&H
1	1/12/12	ALP Update	RS&H

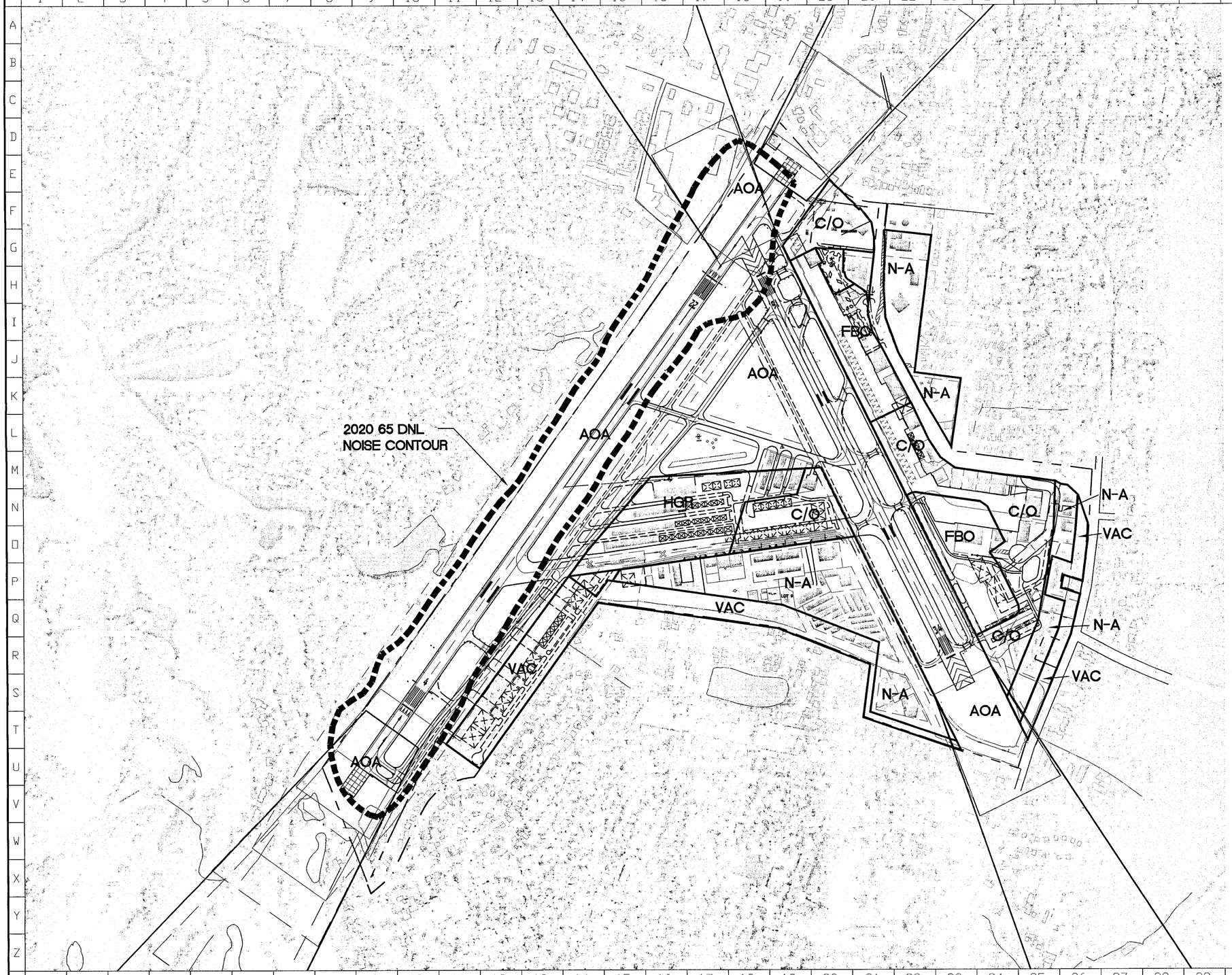
McKinnon St. Simons Island Airport

APPROVALS
Title Date
Title Date

PART 77 SURFACES OBSTRUCTION DATA TABLES

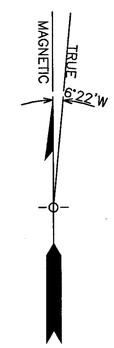
DATE JUNE 2002

11
DRAWING NO.



AIRPORT LAND USE LEGEND

AOA	**Airfield Operating Area**
	Runways and Taxiways, Runway Critical Zone
	Safety Area, Navaid Critical Areas
FBO	**Fixed Base Operator Development Site**
	Terminal Building, Public Parking
	Apron, Fueling, and Tie–down Areas
C/O	**Corporate/Other Aviation Development**
	Airport Maintenance Facilities and ARFF
HGR	**Individual Hangar Development**
	General Aviation Storage Hangars
N-A	**Non-Aviation Development**
	Non–Aviation Related Commercial Development
VAC	**Vacant Area**
	Open and Vacant Space, Environmental Buffer Areas



ANNUAL VARIATION 0°4' W

400' 200' 0 400' 800' 1200'

SCALE IN FEET

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Jacksonville, FL 32225-0007
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McKINNON–St SIMONS ISLAND AIRPORT
ST. SIMONS ISLAND, GEORGIA

DESIGN	UOJ	DRAWN	NPK	CHECK	TGM	PROJECT NO.	AP015032

REVISION	DATE	DESCRIPTION	BY
5	3/11/13	ALP Update - Response to GDOT Comments	RS&H
4	2/27/13	ALP Update	RS&H
3	8/08/12	ALP Update	RS&H
2	4/04/12	ALP Update	RS&H
1	1/12/12	ALP Update	RS&H

McKinnon St. Simons Island Airport

APPROVALS

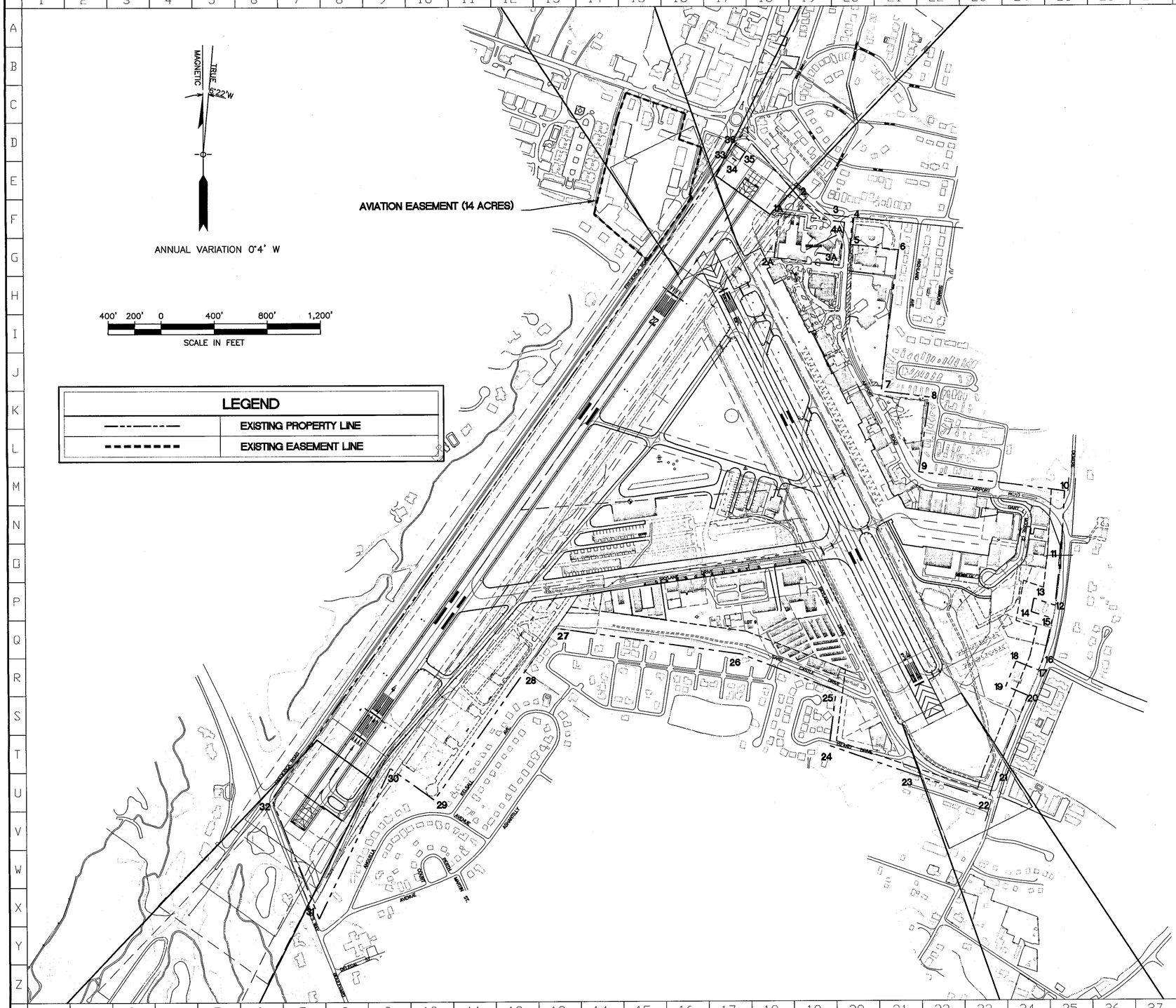
Title Date

Title Date

AIRPORT LAND USE / ACCESS DRAWING

DATE JUNE 2002

DRAWING NO. 12



PARCEL 1 LINE TABLE

Segment	Direction	Distance
1 - 2	S 41°24'00" E	635.60'
3 - 4	S 84°13'59" E	136.74'
4 - 5	S 6°30'24" W	204.57'
5 - 6	S 83°29'35" W	367.41'
6 - 7	S 7°41'15" W	1,069.76'
7 - 8	S 82°31'00" E	363.67'
8 - 9	S 8°19'00" E	596.00'
9 - 10	S 82°21'00" W	1,108.85'
10 - 11	S 3°48'00" W	482.45'
11 - 12	S 07°06'00" W	375.3'
12 - 13	N 70°56'28" W	154.81'
13 - 14	S 11°49'55" W	102.47'
14 - 15	S 71°46'56" E	156.00'
15 - 16	S 13°17'23" W	321.65'
16 - 17	S 22°38'00" W	931.78'
17 - 18	N 67°22'01" W	181.99'
18 - 19	S 22°38'00" W	206.06'
19 - 20	S 67°22'01" E	181.99'
20 - 21	S 22°38'00" W	638.88'
21 - 22	S 17°33'3" W	190.18'
22 - 23	N 71°42'59" W	623.80'
23 - 24	N 71°3'00" W	639.89'
24 - 25	N 7°32'00" E	413.50'
25 - 26	N 68°36'37" W	771.00'
26 - 27	N 81°53'00" W	1409.40'
27 - 28	S 35°44'1" W	405.40'
28 - 29	S 35°44'00" W	1180.00'
29 - 30	N 54°16'2" W	405.85'
30 - 31	S 25°43'59" W	1251.99'
31 - 32	N 21°15'00" W	967.01'
32 - 33	N 35°44'00" E	5942.62'
33 - 34	S 54°5'47" E	93.35'
34 - 35	N 35°43'54" E	93.34'
35 - 36	N 54°6'4" W	93.34'
36 - 1	N 35°43'59" E	101.92'
TOTAL ACERAGE: 312.19 AC		

PARCEL 2 LINE TABLE

Segment	Direction	Distance
1A - 2A	S 06°51'33" W	333.76'
2A - 3A	S 83°03'56" E	498.27'
3A - 4A	N 06°30'24" E	326.61'
4A - 1A	N 82°01'00" W	498.43'
TOTAL ACERAGE: 3.78 AC		

CURVE TABLE

Segment	Chord Bearing	Chord Length	Radius	Arc Length
PARCEL 1				
2 - 3	315°55'28"	240.34'	1,298.24	235.97'

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McKINNON-St SIMONS ISLAND
AIRPORT
ST. SIMONS ISLAND, GEORGIA

DESIGN	UOJ	DRAWN	NPK	CHECK	MDF	PROJECT NO.	AP015032
REVISION	DATE	DESCRIPTION				BY	
5	3/11/13	ALP Update - Response to GDOT Comments				RS&H	
4	2/27/13	ALP Update				RS&H	
3	8/08/12	ALP Update				RS&H	
2	4/04/12	ALP Update				RS&H	
1	1/12/12	ALP Update				RS&H	

McKinnon St. Simons Island Airport

APPROVALS

Title Date

Title Date

AIRPORT
PROPERTY MAP
EXHIBIT "A"

DATE
JUNE
2002

13
DRAWING NO.