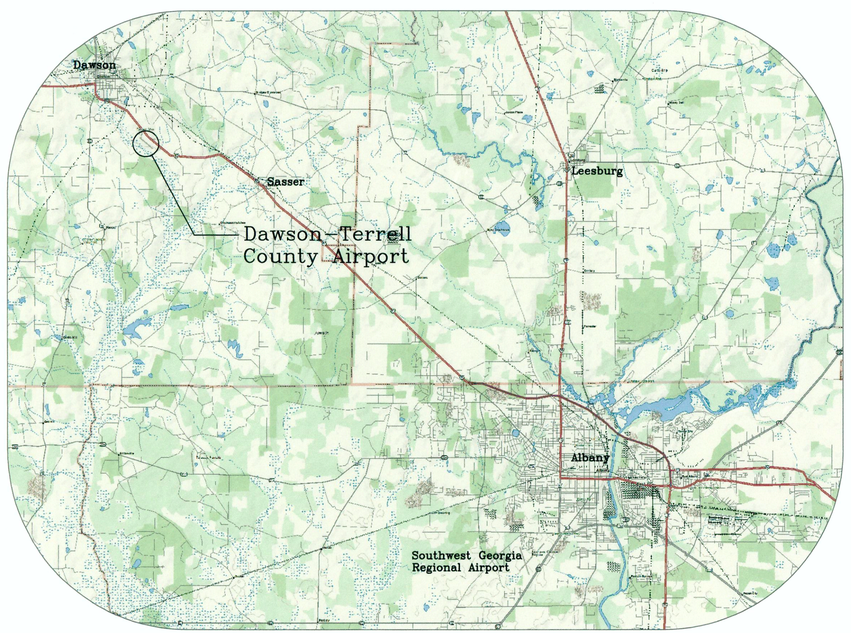
AIRPORT LAYOUT PLAN UPDATE
DAWSON TERRELL COUNTY AIRPORT

TERRELL COUNTY, GEORGIA

RAC PROJECT NO. 01168-10

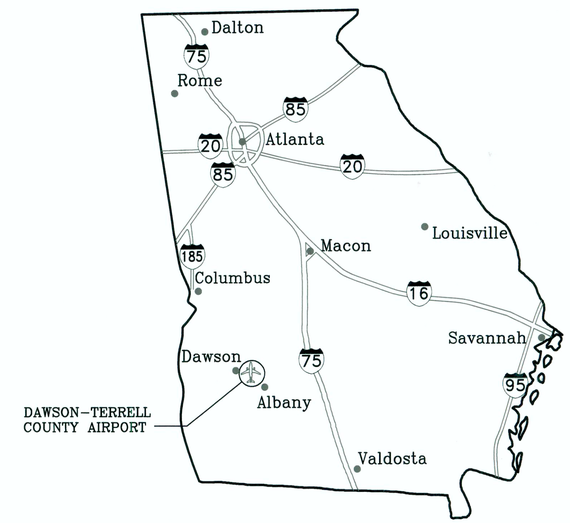


VICINITY MAP

NORTH

INDEX OF DRAWINGS

DRAWING NO.	DESCRIPTION
CS1	COVER SHEET
C1	AIRPORT LAYOUT PLAN
C2	AIRPORT AIRSPACE DRAWING
C3	RUNWAY PROTECTION ZONE (RPZ) DRAWING
C4	TERMINAL AREA DRAWING
C5	EXHIBIT A



LOCATION MAP

NORTH

FAA STAMP JAN. 2007
REVISED 2/27/07 w/ COMMENTS

DAWSON

Robert and Company
Engineers, Architects, Planners
96 Poplar Street, N.W. Atlanta, Georgia 30335-6001
404 577-4000 FAX: 404 577-7119

DRAWING NO. **CS1**
SHEET 1 OF 6

NOT Released For Construction

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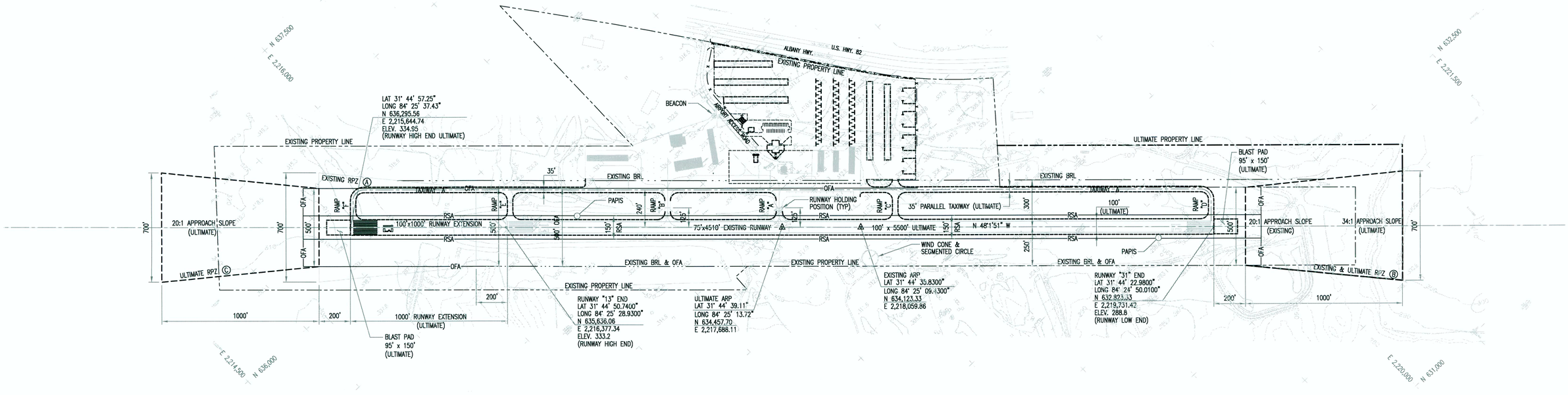
CONDITIONALLY APPROVED
FEDERAL AVIATION ADMINISTRATION
APPROVAL SUBJECT TO COMMENTS IN APPROVAL LETTER
APPROVING OFFICIAL Paulo Pat
ATLANTA AIRPORTS DISTRICT OFFICE
DATE 1-11-07



AIRPORT DATA TABLE

ITEM	EXISTING	ULTIMATE
* AIRPORT ELEVATION (MSL)	333.0	334.95
* AIRPORT REFERENCE POINT (ARP)	LAT: 31° 44' 35.8300" LONG: 84° 25' 09.4300"	LAT: 31° 44' 39.11" LONG: 84° 25' 13.72"
AIRPORT & TERMINAL NAVAIDS	–	–
MEAN MAXIMUM TEMPERATURE (°F)	85°	85°
AIRPORT REFERENCE CODE (ARC)	AI	BII
DESIGN AIRCRAFT	AI	BII
IDENTIFY GPS AT AIRPORT	RWY 31	RWY 31
TAXIWAY LIGHTING	NONE	NONE
TAXIWAY MARKINGS	~~BASIC~~ NPI	~~BASIC~~ NPI
NAVIGATIONAL AIDS	PAPI	PAPI

DIMENSIONS

RUNWAY		RUNWAY SAFETY AREA (RSA)	OBJECT FREE AREA (OFA)	OBSTACLE FREE ZONE (OFZ)
13	EXISTING	LENGTH: 240' ** WIDTH: 120'	LENGTH: 240' ** WIDTH: 400'	LENGTH: 200' ** WIDTH: ~~120'~~ 250'
	ULTIMATE	LENGTH: 300' ** WIDTH: 150'	LENGTH: 300' ** WIDTH: 500'	LENGTH: 200' ** WIDTH: ~~250'~~ 400'
31	EXISTING	LENGTH: 240' ** WIDTH: 120'	LENGTH: 240' ** WIDTH: 400'	LENGTH: 200' ** WIDTH: ~~120'~~ 250'
	ULTIMATE	LENGTH: 300' ** WIDTH: 150'	LENGTH: 300' ** WIDTH: 500'	LENGTH: 200' ** WIDTH: ~~250'~~ 400'

* BASED ON NAD 83
** INDICATES BEYOND RUNWAY END

RUNWAY PROTECTION ZONE (RPZ)

NO.	EXISTING INNER	EXISTING OUTER	EXISTING LENGTH	ULTIMATE INNER	ULTIMATE OUTER	ULTIMATE LENGTH
A	500'	700'	1,000'			
B	500'	700'	1,000'	500'	700'	1,000'
C				500'	700'	1,000'

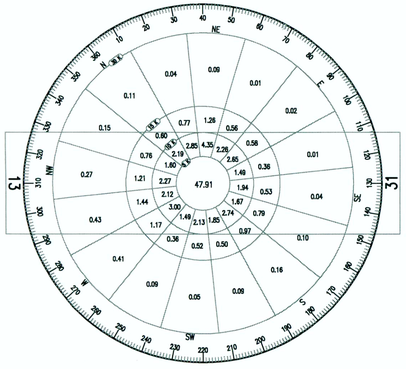
RUNWAY DATA TABLE

ITEM		RUNWAY 13–31 EXISTING	RUNWAY 13–31 ULTIMATE
APPROACH VISIBILITY MINIMUMS	RWY 13	NOT LOWER THAN 1 MILE (VISUAL)	NOT LOWER THAN 1 MILE ~~(VISUAL)~~ (NPI) (NPI)
	RWY 31	NOT LOWER THAN 1 MILE ~~(VISUAL)~~ NPI	NOT LOWER THAN ¾ MILE (NP)
% EFFECTIVE GRADIENT		1%	0.7%
% WIND COVERAGE (MPH &KNOTS)		94.71% 12 MPH (10 K) 98.93% 15 MPH (13 K)	94.71% 12 MPH (10 K) 98.93% 15 MPH (13 K)
RUNWAY LENGTH		4,510'	5,500'
RUNWAY WIDTH		75'	100'
RUNWAY SURFACE TYPE		ASPHALT	ASPHALT
RUNWAY STRENGTH		12,500	45,000
PART 77 APPROACH CATEGORY	RWY 13	VISUAL	VISUAL
	RWY 31	~~VISUAL~~ NPI	N.P.
TYPE INSTRUMENT APPROACH	RWY 31	VOR/ DME & GPS	VOR/ DME & GPS
APPROACH SLOPE	RWY 13	20:1	20:1
	RWY 31	20:1 ~~34:1~~	34:1
RUNWAY LIGHTING		MIRL	MIRL
RUNWAY MARKING		~~BASIC~~ NPI	N.P.
NAVAIDS & VISUAL AIDS		WIND CONE/SEG. CIRCLE BEACON PAPI'S	WIND CONE/SEG. CIRCLE BEACON PAPI'S
RUNWAY OBJECT FREE AREA (OFA)		WIDTH 400' LENGTH 240'	WIDTH 500' LENGTH 300'
RUNWAY SAFETY AREA		WIDTH 120' LENGTH 240'	WIDTH 150' LENGTH 300'

	RWY 13	RWY 31	RWY 13	RWY 31
TAKEOFF RUN AVAILABLE (TORA)	4,500'	4,500'	5,500'	5,500'
TAKEOFF DISTANCE AVAILABLE (TODA)	4,500'	4,500'	5,500'	5,500'
ACCELERATE–STOP DISTANCE AVAILABLE (ASDA)	4,500'	4,500'	5,500'	5,500'
LANDING DISTANCE AVAILABLE (LDA)	4,500'	4,500'	5,500'	5,500'

LEGEND

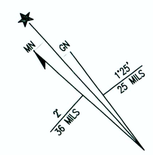
ULTIMATE	EXISTING	
		FENCE
	305	CONTOUR LINE AND ELEVATION
		TREES
		ROADS
* * * *	* * * *	EXISTING RUNWAY AND TAXIWAY LIGHTS
		ROTATING BEACON
**** ****	**** ****	RUNWAY END IDENTIFICATION LIGHTS
ARP	ARP	AIRPORT REFERENCE POINT (ARP)
		BUILDING RESTRICTION LINE (BRL)
1		FACILITIES REFERENCE NUMBER
		RPZ BOUNDARY
		AIRPORT PROPERTY LINE
		BUILDINGS
		WIND CONE & SEGMENTED CIRCLE
	POND	POND
	PAPI	PAPI II



WIND ROSE

WIND SOURCE: U.S. GOVERNMENT WEATHER RECORD CENTER
ASHVILLE, NORTH CAROLINA
PERIOD COVERED: JAN. 1962 THRU DEC. 1966 – 43,800 OBSERVATIONS
FOR: ALBANY GA. ADJUSTED FOR DAWSON TERRELL CO. AIRPORT

WIND COVERAGE BASED ON 12 MPH (10 K) WIND COMPONENT RUNWAY 13–31 94.71%
WIND COVERAGE BASED ON 15 MPH (13 K) WIND COMPONENT RUNWAY 13–31 98.93%



UTM GRID AND 1983 MAGNETIC NORTH
(ANNUAL RATE OF CHANGE 0.1'W)

GRAPHIC SCALES

300' 150' 0 300' 600'

1" = 300'– 0"

SYMBOL	DATE	BY	REVISION

Robert and Company
Engineers, Architects, Planners
96 Poplar Street, N.W. Atlanta, Georgia 30335–6001
404 577–4000 FAX: 404 577–7119

FAA DISCLAIMER

THE PREPARATION OF THIS DOCUMENT WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER THE AIRPORT AND AIRWAYS IMPROVEMENT ACT OF 1982. THE CONTENTS OF THIS REPORT DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN, NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE.

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.

SUBMITTED BY: DATE: 03/23/08
ROBERT AND COMPANY CONSULTING ENGINEERS

APPROVAL BLOCK
NADER BAGHERI: Nader Bagheri
JAMES COLLIER CHAIRMAN:

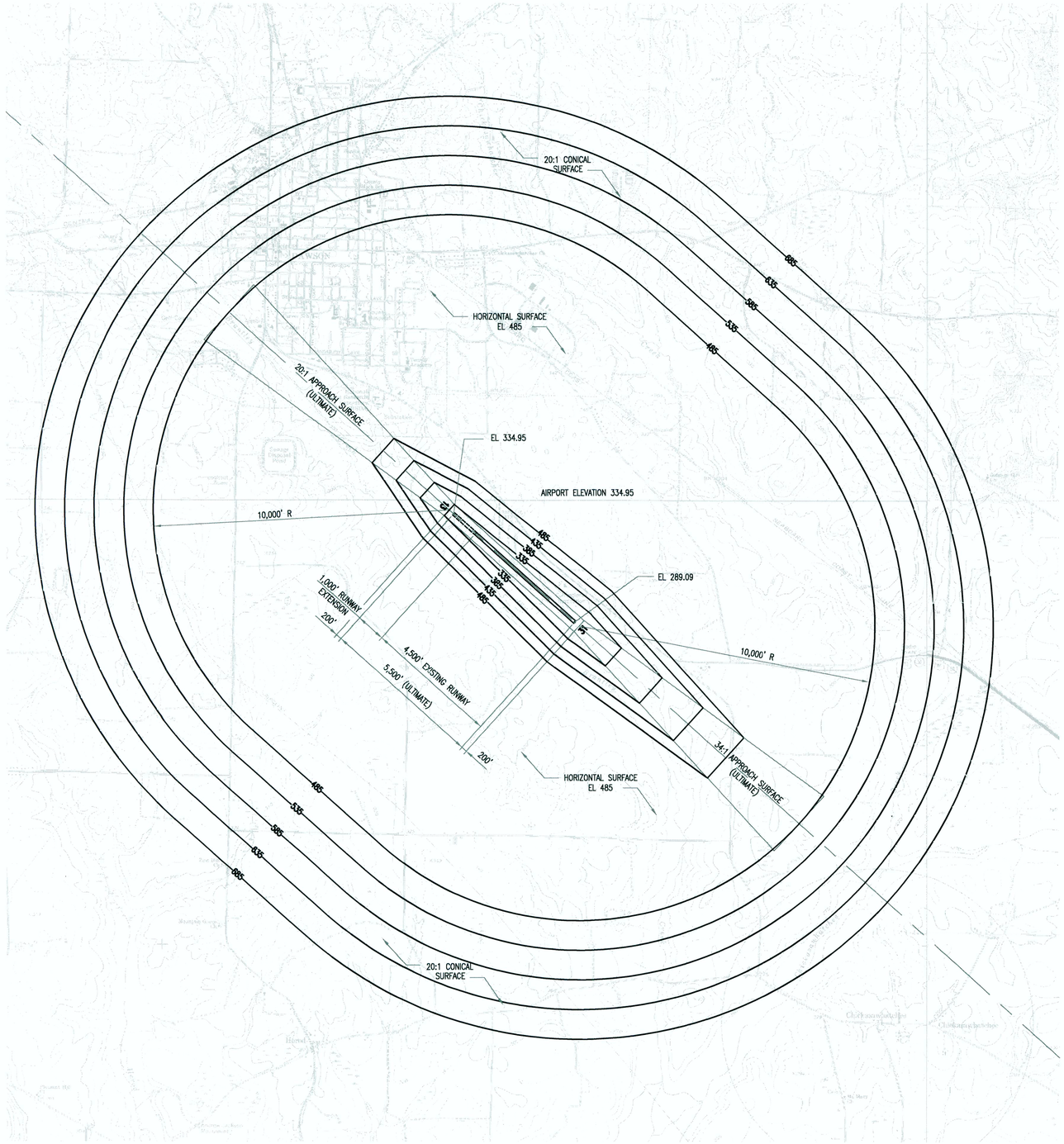
CLIENT: CITY OF DAWSON AND TERRELL COUNTY

PROJECT: AIRPORT LAYOUT PLAN

DRAWING TITLE: AIRPORT LAYOUT PLAN

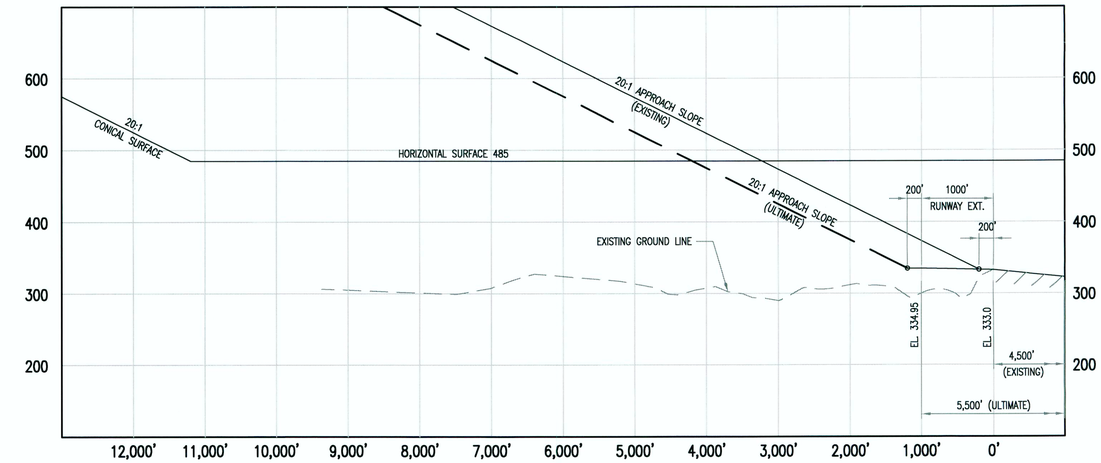
DATE
SCALE: AS SHOWN
DESIGNED: GEE DRAWN: MLS CHECKED: NMB
PROJECT NO. 01168–10
DRAWING NO. C1
SHEET 2 OF 6

NOT Released For Construction



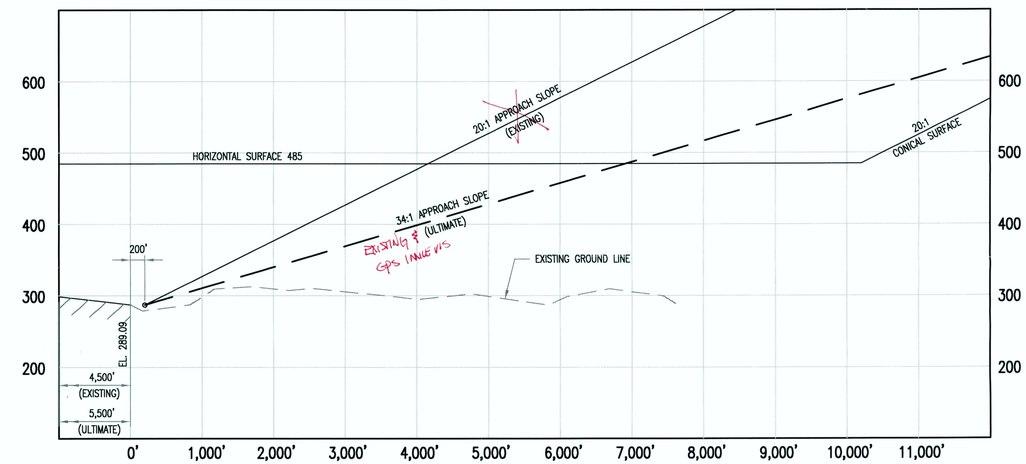
1 C2 C2 AIRPORT AEROSPACE PLAN

SCALE: 1" = 2000'-0"



2 C2 C2 PROFILE APPROACH RUNWAY 13

HORIZONTAL SCALE: 1" = 1000'-0"
VERTICAL SCALE: 1" = 100'-0"



3 C2 C2 PROFILE APPROACH RUNWAY 31

HORIZONTAL SCALE: 1" = 1000'-0"
VERTICAL SCALE: 1" = 100'-0"

NOTE:

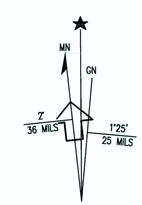
REFER TO THE INNER PORTION OF THE APPROACH SURFACE PLAN VIEW DETAILS FOR CLOSE-IN OBSTRUCTIONS.

GRAPHIC SCALES

100' 50' 0 100' 200'
1" = 100'- 0"

1000' 500' 0 1000' 2000'
1" = 1000'- 0"

2000' 1000' 0 2000' 4000'
1" = 2000'- 0"



UTM GRID AND 1983 MAGNETIC NORTH
(ANNUAL RATE OF CHANGE 0.1°W)

SYMBOL	DATE	BY	REVISION

Robert and Company
Engineers, Architects, Planners
96 Poplar Street, N.W. Atlanta, Georgia 30335-6001
404 577-4000 FAX: 404 577-7119

DATE:
ROBERT AND COMPANY CONSULTING ENGINEERS

APPROVAL BLOCK

CLIENT: CITY OF DAWSON AND TERRELL COUNTY

PROJECT: AIRPORT LAYOUT PLAN

DRAWING TITLE: AIRPORT AIRSPACE PLAN

DATE

SCALE: AS SHOWN

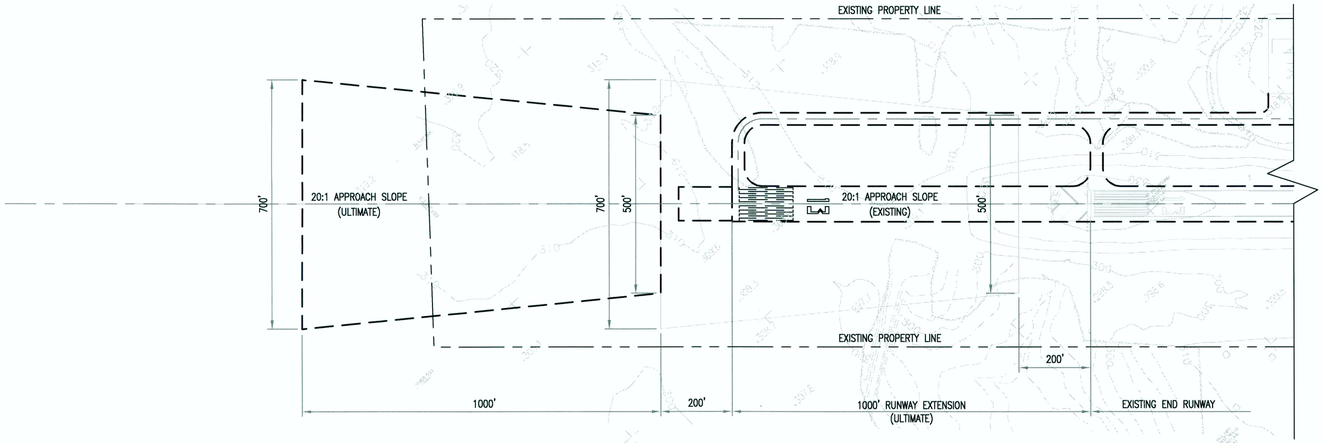
DESIGNED: GEE | DRAWN: MLS | CHECKED: NMB

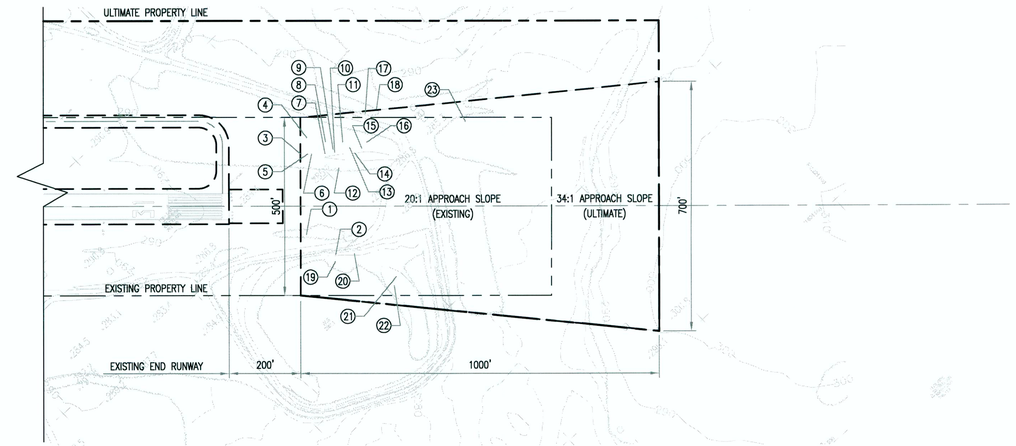
PROJECT NO. 01168-10

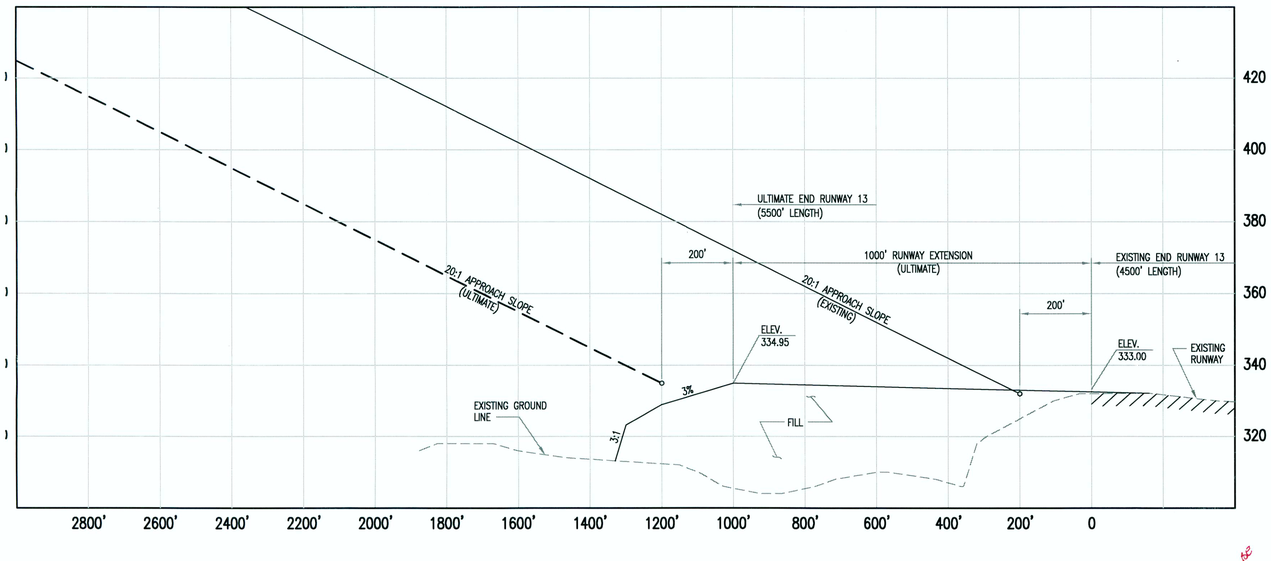
DRAWING NO. C2

SHEET 3 OF 6

NOT Released For Construction

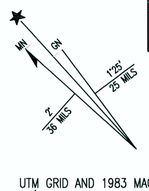




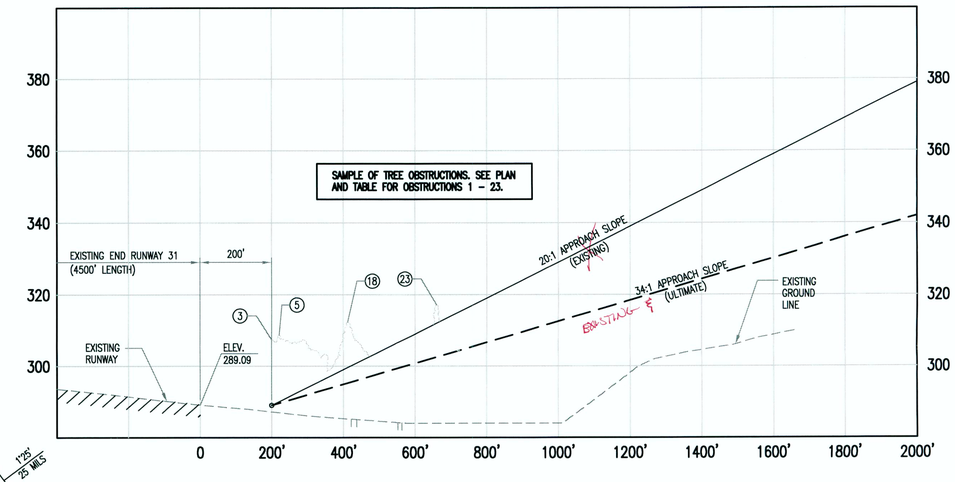


1 C3 C3 PROFILE RUNWAY 13/31 (13 END)

HORIZONTAL SCALE: 1" = 200'-0"
VERTICAL SCALE: 1" = 20'-0"



UTM GRID AND 1983 MAGNETIC NORTH
(ANNUAL RATE OF CHANGE 0.1'W)



2 C3 C3 PROFILE RUNWAY 13/31 (31 END)

HORIZONTAL SCALE: 1" = 200'-0"
VERTICAL SCALE: 1" = 20'-0"

Should be S4-1

OBSTRUCTION TABLE (31 END)						
TYPE OF APPROACH		APPROACH SLOPE	OBSTRUCTION NO.	OBSTRUCTION DESCRIPTION	APPROACH PENETRATION (FEET)	PROPOSED MITIGATION
EXISTING	ULTIMATE	EXISTING				
VIS	NP	20:1	1	TREE	0.65	NONE
VIS	NP	20:1	2	TREE	0.10	NONE
VIS	NP	20:1	3	TREE	18.39	NONE
VIS	NP	20:1	4	TREE	3.83	NONE
VIS	NP	20:1	5	TREE	18.69	NONE
VIS	NP	20:1	6	TREE	16.86	NONE
VIS	NP	20:1	7	TREE	12.96	NONE
VIS	NP	20:1	8	TREE	13.79	NONE
VIS	NP	20:1	9	TREE	13.68	NONE
VIS	NP	20:1	10	TREE	12.44	NONE
VIS	NP	20:1	11	TREE	9.35	NONE
VIS	NP	20:1	12	TREE	0.31	NONE
VIS	NP	20:1	13	TREE	6.21	NONE
VIS	NP	20:1	14	TREE	1.98	NONE
VIS	NP	20:1	15	TREE	2.14	NONE
VIS	NP	20:1	16	TREE	3.91	NONE
VIS	NP	20:1	17	TREE	1.20	NONE
VIS	NP	20:1	18	TREE	12.65	NONE
VIS	NP	20:1	19	TREE	6.15	NONE
VIS	NP	20:1	20	TREE	6.75	NONE
VIS	NP	20:1	21	TREE	0.97	NONE
VIS	NP	20:1	22	TREE	0.17	NONE
VIS	NP	20:1	23	TREE	5.12	NONE

OBSTRUCTION TABLE (13 END)						
TYPE OF APPROACH		APPROACH SLOPE	OBSTRUCTION NO.	OBSTRUCTION DESCRIPTION	APPROACH PENETRATION (FEET)	PROPOSED MITIGATION
EXISTING	ULTIMATE	EXISTING				
VIS	NP	20:1	NONE	–	–	NONE

GRAPHIC SCALES

20' 10' 0 20' 40'
VERTICAL SCALE: 1" = 20'- 0"

200' 100' 0 200' 400'
HORIZONTAL SCALE: 1" = 200'- 0"

SYMBOL	DATE	BY	REVISION

Robert and Company
Engineers, Architects, Planners
96 Poplar Street, N.W. Atlanta, Georgia 30335-6001
404 577-4000 FAX: 404 577-7119

DATE:
ROBERT AND COMPANY
CONSULTING ENGINEERS

APPROVAL BLOCK

CLIENT: CITY OF DAWSON AND TERRELL COUNTY

PROJECT: AIRPORT LAYOUT PLAN

DRAWING TITLE: RUNWAY PROTECTION ZONE

DATE:
SCALE: AS SHOWN
DESIGNED: GEE | DRAWN: MLS | CHECKED: NMB
PROJECT NO. 01168-10
DRAWING NO. C3
SHEET 4 OF 6

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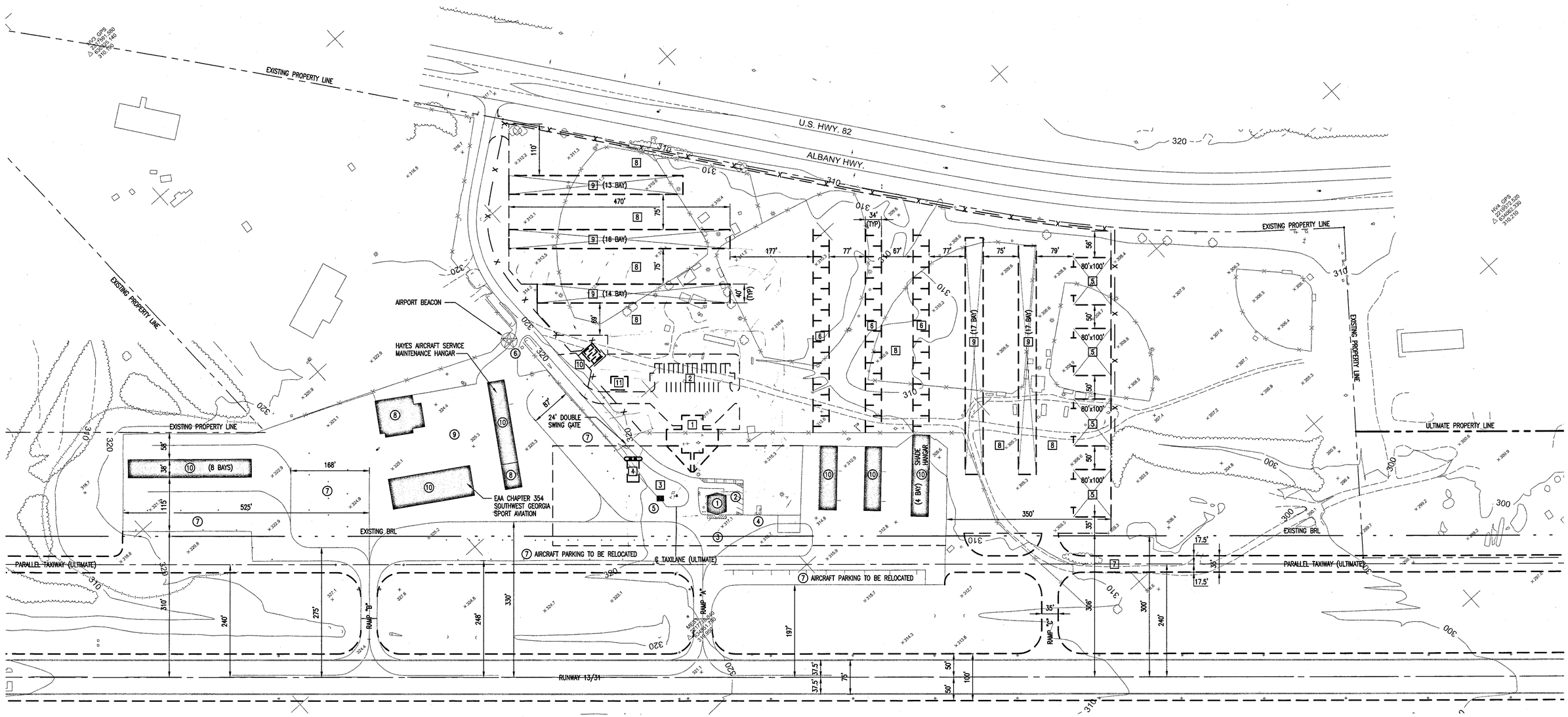

LEGEND

EXISTING FACILITIES		ULTIMATE DEVELOPMENT	
1	TERMINAL BUILDING FBO	1	TERMINAL BUILDING (FBO)
2	PUBLIC AUTO PARKING	2	PUBLIC AUTO PARKING
3	ITINERANT AIRCRAFT PARKING APRON	3	ITINERANT AIRCRAFT PARKING APRON
4	AIRCRAFT FUELING POINT (LOW LEAD)	4	AIRCRAFT FUELING DISPENSERS
5	EXISTING ELECTRICAL VAULT BUILDING	5	CORPORATE AIRCRAFT HANGARS
6	AIRPORT BEACON	6	AIRCRAFT PARKING APRON (WITH TIE-DOWNS)
7	AIRCRAFT PARKING APRONS (WITH TIE-DOWNS)	7	PARALLEL TAXIWAY
8	AIRCRAFT MAINTENANCE HANGARS	8	AIRCRAFT TEE HANGAR APRON
9	AIRCRAFT MAINTENANCE APRON	9	AIRCRAFT TEE HANGARS
10	AIRCRAFT TEE HANGARS	10	FUEL FARM
		11	ELCTRICAL VAULT

MN GN 1°25' 25 MILS 7° 36 MILS

UTM GRID AND 1983 MAGNETIC NORTH
(ANNUAL RATE OF CHANGE 0.1°W)

GRAPHIC SCALES

100' 50' 0 100' 200'

1" = 100'- 0"

SYMBOL	DATE	BY	REVISION

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404 577-4000 FAX: 404 577-7119

DATE:
ROBERT AND COMPANY CONSULTING ENGINEERS

APPROVAL BLOCK

CLIENT: CITY OF DAWSON AND TERRELL COUNTY

PROJECT: AIRPORT LAYOUT PLAN

DRAWING TITLE: TERMINAL AREA DRAWING

DATE

SCALE: AS SHOWN

DESIGNED: GEE | DRAWN: MLS | CHECKED: NMB

PROJECT NO. 01168-10

DRAWING NO. C4

SHEET 5 OF 6

NOT Released For Construction

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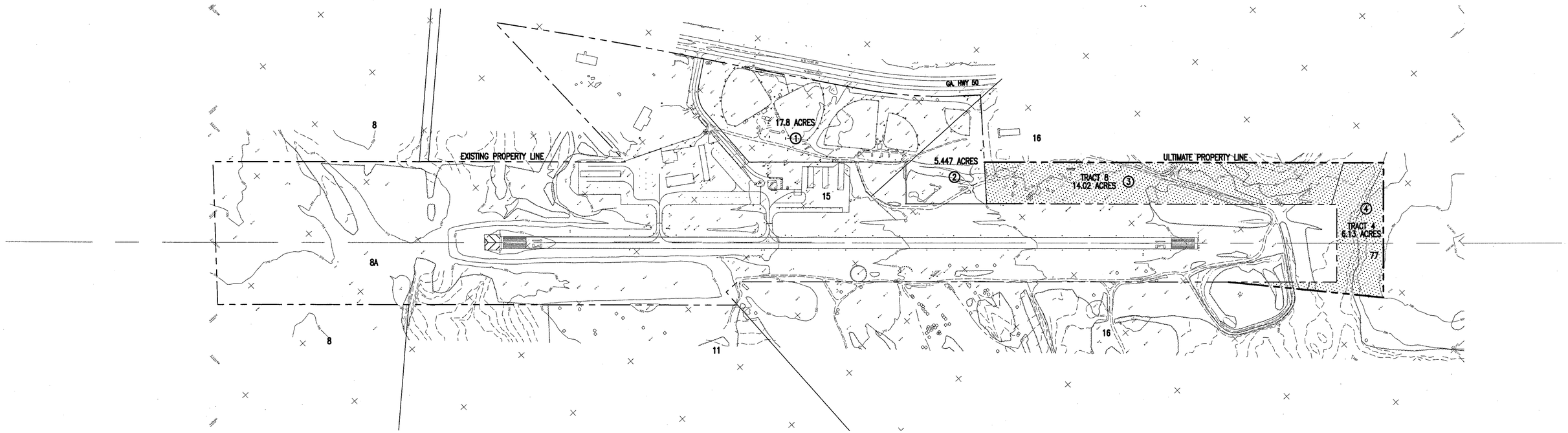
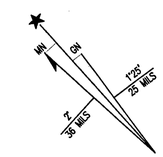
LEGEND

— — — —	EXISTING PROPERTY LINE
— — — —	ULTIMATE PROPERTY LINE
	PROPERTY TO BE ACQUIRED
15	TAX PARCEL NUMBER





UTM GRID AND 1983 MAGNETIC NORTH
(ANNUAL RATE OF CHANGE 0.1'W)

GRAPHIC SCALES

300' 150' 0 300' 600'

1" = 300'- 0"

PARCEL NO.	OWNER	TOTAL ACRES	PROPERTY TO BE ACQUIRED (±) FEE SIMPLE AND/OR AVIGATION EASEMENT	DATE OF ACQUISITION	FEDERAL AID PROJECT#
1	TERRELL COUNTY	17.8	FEE SIMPLE	JULY, 2002	AIP NO: 3-13-0045-07
2	TERRELL COUNTY	5.447	FEE SIMPLE	MAY, 2005	AIP NO: 3-13-1300-05 (GADOT) GADOT AP NO: 050-9800-14(273) TERRELL COUNTY
3	-	14.33	FEE SIMPLE	TO BE ACQUIRED	-
4	-	6.13	FEE SIMPLE	TO BE ACQUIRED	-

SYMBOL	DATE	BY	REVISION

Robert and Company
Engineers, Architects, Planners
96 Poplar Street, N.W. Atlanta, Georgia 30335-6001
404 577-4000 FAX: 404 577-7119

CLIENT: CITY OF DAWSON AND TERRELL COUNTY

DATE:

SCALE: AS SHOWN

PROJECT: AIRPORT LAYOUT PLAN

DESIGNED: GEE | DRAWN: MLS | CHECKED: NMB

PROJECT NO. 01168-10

DRAWING TITLE: EXHIBIT "A"

DRAWING NO. C5

SHEET 6 OF 6

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