AIRPORT LAYOUT DRAWINGS
FOR

COOK COUNTY MUNICIPAL AIRPORT

COOK COUNTY, GEORGIA

FAA A.I.P. 03-13-0001-04

INDEX OF DRAWINGS

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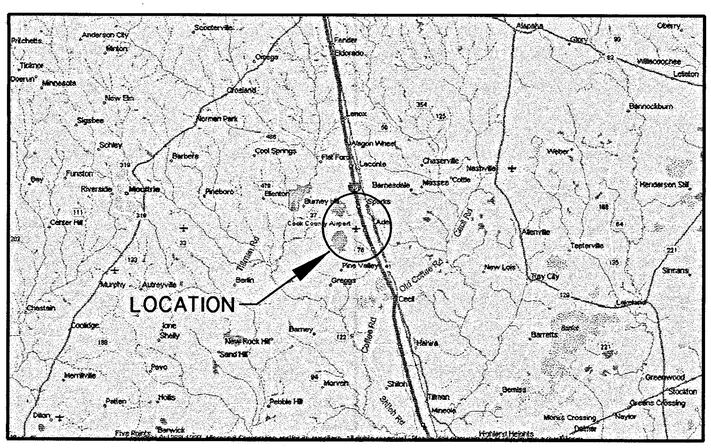
9 LAND USE / ACCESS PLAN
10 EXHIBIT "A" PROPERTY MAP

PREPARED BY

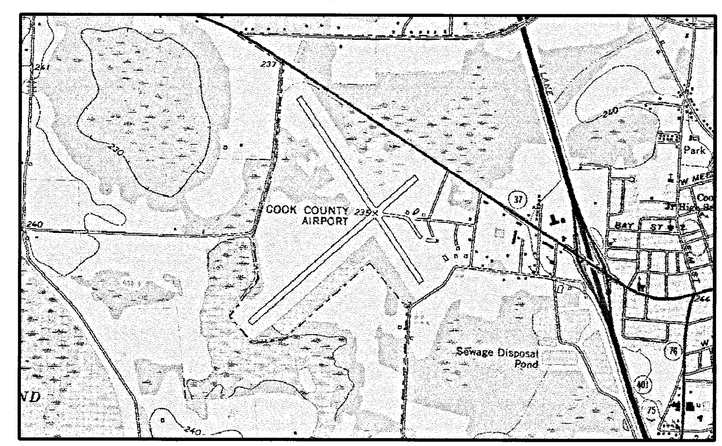
WILBUR SMITH ASSOCIATES, INC.
2920 BRANDYWINE ROAD
SUITE 220
ATLANTA, GA. 30341



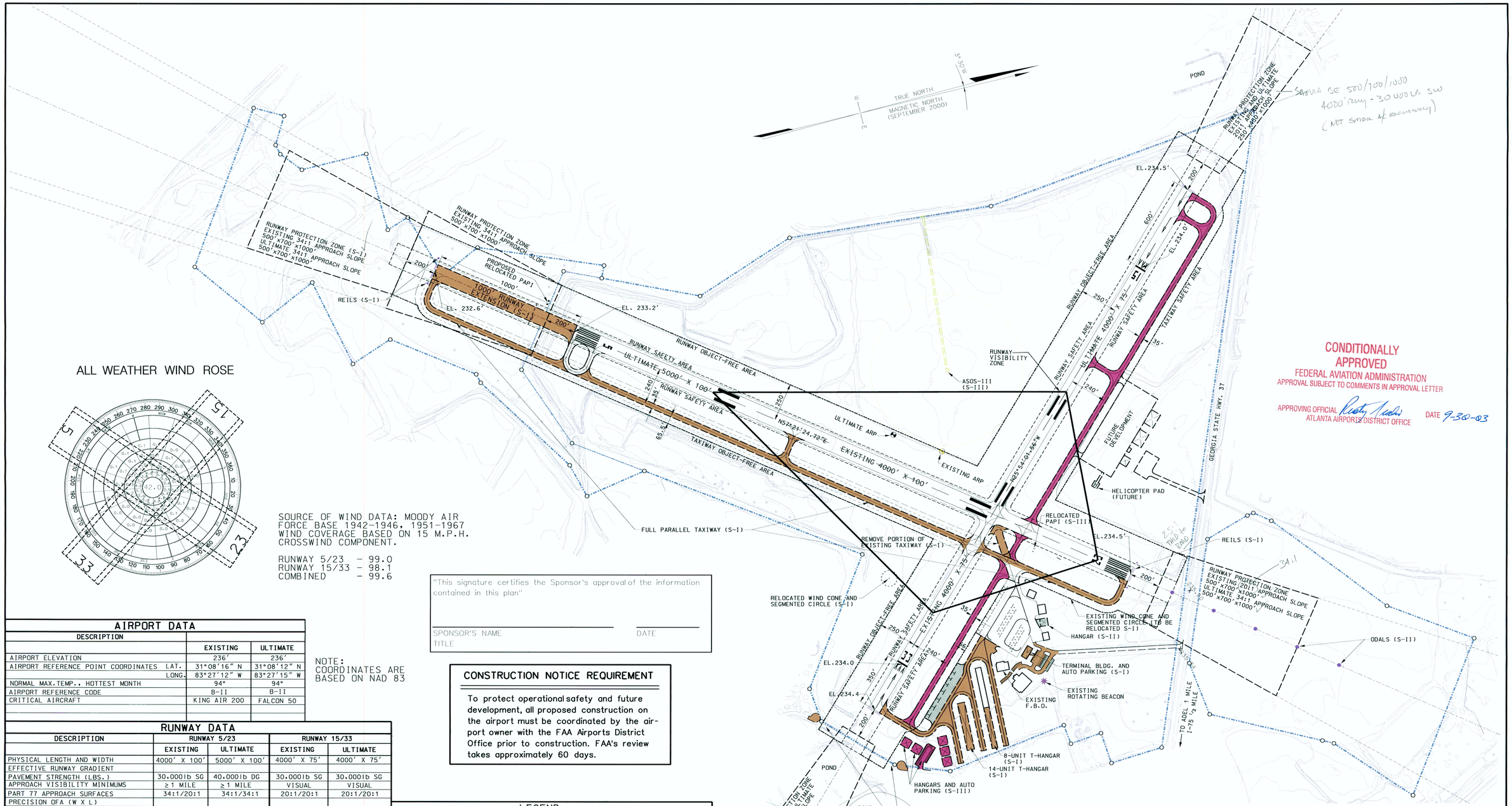
LOCATION MAP

ENGINEERS
PLANNERS
ECONOMISTS

Wilbur Smith Associates



VICINITY MAP



CONDITIONALLY APPROVED
FEDERAL AVIATION ADMINISTRATION
APPROVAL SUBJECT TO COMMENTS IN APPROVAL LETTER
APPROVING OFFICIAL ATLANTA AIRPORTS DISTRICT OFFICE
DATE 9-30-03

ALL WEATHER WIND ROSE

SOURCE OF WIND DATA: MOODY AIR FORCE BASE 1942-1946, 1951-1967
WIND COVERAGE BASED ON 15 M.P.H. CROSSWIND COMPONENT.

RUNWAY 5/23 - 99.0
RUNWAY 15/33 - 98.1
COMBINED - 99.6

"This signature certifies the Sponsor's approval of the information contained in this plan"

SPONSOR'S NAME _____ DATE _____
TITLE

AIRPORT DATA

DESCRIPTION		EXISTING	ULTIMATE
AIRPORT ELEVATION		236'	236'
AIRPORT REFERENCE POINT COORDINATES	LAT.	31°08'16" N	31°08'12" N
	LONG.	83°27'12" W	83°27'15" W
NORMAL MAX.TEMP.. HOTTEST MONTH		94°	94°
AIRPORT REFERENCE CODE		B-II	B-II
CRITICAL AIRCRAFT		KING AIR 200	FALCON 50

NOTE:
COORDINATES ARE BASED ON NAD 83

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.

RUNWAY DATA

DESCRIPTION	RUNWAY 5/23		RUNWAY 15/33	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
PHYSICAL LENGTH AND WIDTH	4000' X 100'	5000' X 100'	4000' X 75'	4000' X 75'
EFFECTIVE RUNWAY GRADIENT				
PAVEMENT STRENGTH (LBS.)	30.000lb SG	40.000lb DG	30.000lb SG	30.000lb SG
APPROACH VISIBILITY MINIMUMS	≥ 1 MILE	≥ 1 MILE	VISUAL	VISUAL
PART 77 APPROACH SURFACES	34:1/20:1	34:1/34:1	20:1/20:1	20:1/20:1
PRECISION OFA (W X L)				
LIGHTS	MIRL	MIRL		MIRL
MARKINGS	NON-PREC.	NON-PREC.	VISUAL	VISUAL
VISUAL AIDS	ROT. BEACON, PAPI	ROT. BEACON, PAPI,REIL,ODALS	ROT. BEACON	ROT. BEACON, PAPI
NAVIGATIONAL AIDS	VOR/DME, GPS	SAME	NONE	SAME
SAFETY AREA ("W" X "L" BEYOND RWY END)	150' X 300'	150' X 300'	150' X 300'	150' X 300'
OBJECT FREE AREA ("W" X "L" BEYOND RWY END)	500' X 300'	500' X 300'	500' X 300'	500' X 300'
RUNWAY END COORDINATES				
R/W 5 LAT.	31°07'56"	31°07'49"		
LONG.	83°27'31"	83°27'40"		
R/W 23 LAT.	31°08'23"	SAME		
LONG.	83°26'57"	SAME		
R/W 15 LAT.			31°08'37"	SAME
LONG.			83°27'22"	SAME
R/W 33 LAT.			31°08'05"	SAME
LONG.			83°26'55"	SAME

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
TREE LINE		
CONTOUR	230	230
AIRPORT BUILDINGS		
AIRPORT PAVEMENT AREA		
RUNWAY END IDENTIFICATION LIGHT (REIL)		
BUILDING RESTRICTION LINE		
RUNWAY PROTECTION ZONE		
PAVED ROAD		
UNIMPROVED ROAD		
FENCE		
AIRPORT PROPERTY LINE		
AIRPORT REFERENCE POINT (A.R.P.)		
ROTATING BEACON		
UTILITY POLE		

DES. CCH/HAP			
DWN. CCH/HAP			
CHK. EDD/MSS	REV. NO.	DATE	REVISION DESCRIPTION	BY	APP.
APP. SLP (PROJECT MANAGER)	CLIENT: COOK COUNTY MUNICIPAL AIRPORT, COOK COUNTY, GEORGIA		WILBUR SMITH ASSOCIATES (CONSULTING ENGINEERS) P.O. BOX 92 COLUMBIA, S.C. 29202
SUBM. SLP (DIVISION DIRECTOR)	TITLE: AIRPORT LAYOUT PLAN		DATE: FEB., 2003
ENGINEERS PLANNERS ECONOMISTS Wilbur Smith Associates	PROJECT NO. (CLIENT): FAA A.I.P. 03-13-0001-04	PROJECT NO. (WSA): 339739	DRAWING SHEET 2 OF 10

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EXISTING ARP

ULTIMATE ARP

RUNWAY SAFETY AREA

ULTIMATE 5000' X 100'

EXISTING 4000' X 100'

EXISTING 4000' X 75'

ULTIMATE 4000' X 75'

RUNWAY SAFETY AREA

RUNWAY SAFETY AREA

WIND CONE & SEGMENTED CIRCLE TO BE RELOCATED

STORAGE HANGAR

EXISTING F.B.O.

EXISTING HANGAR TO BE RELOCATED

35'

RUNWAY VISIBILITY ZONE

RELOCATED WIND CONE AND SEGMENTED CIRCLE

RUNWAY SAFETY AREA

RUNWAY SAFETY AREA

33

240'

35'

66'

87.5'

70'

35'

57.5' TYP.

75' TYP.

57.5'

EL.234.4'

200'

LEGEND

DESCRIPTION	INITIAL	ULTIMATE
TREE LINE		
CONTOUR	800	800
AIRPORT BUILDINGS		
AIRPORT PAVEMENT AREA		
RUNWAY END IDENTIFICATION LIGHT (REIL)		
BUILDING RESTRICTION LINE		
RUNWAY PROTECTION ZONE		
PAVED ROAD		
UNIMPROVED ROAD		
FENCE		
AIRPORT PROPERTY LINE		
AIRPORT REFERENCE POINT (A.R.P.)		
ROTATING BEACON		
UTILITY POLE		

DEVELOPMENT STAGES

- STAGE I (1-5 YEARS)
- STAGE II (6-10 YEARS)
- STAGE III (11-20 YEARS)
- FUTURE DEVELOPMENT

100 0 100 200

SCALE 1" = 100'

DES.	CCH/HAP
DWN.	CCH/HAP
CHK.	EDD/MSS
APP. PROJECT MANAGER	SLP
SUBM. DESIGN DIRECTOR	SLP

REV. NO.	DATE	REVISION DESCRIPTION	BY	APP.

CLIENT: COOK COUNTY MUNICIPAL AIRPORT
COOK COUNTY, GEORGIA

WILBUR SMITH ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 92
COLUMBIA, S.C. 29202

ENGINEERS PLANNERS ECONOMISTS
Wilbur Smith Associates

TITLE: TERMINAL AREA PLAN

DATE: FEB., 2003

PROJECT NO. (CLIENT): FAA A.I.P. 03-13-0001-04

PROJECT NO. (WSA): 339739

DRAWING SHEET 3 OF 10

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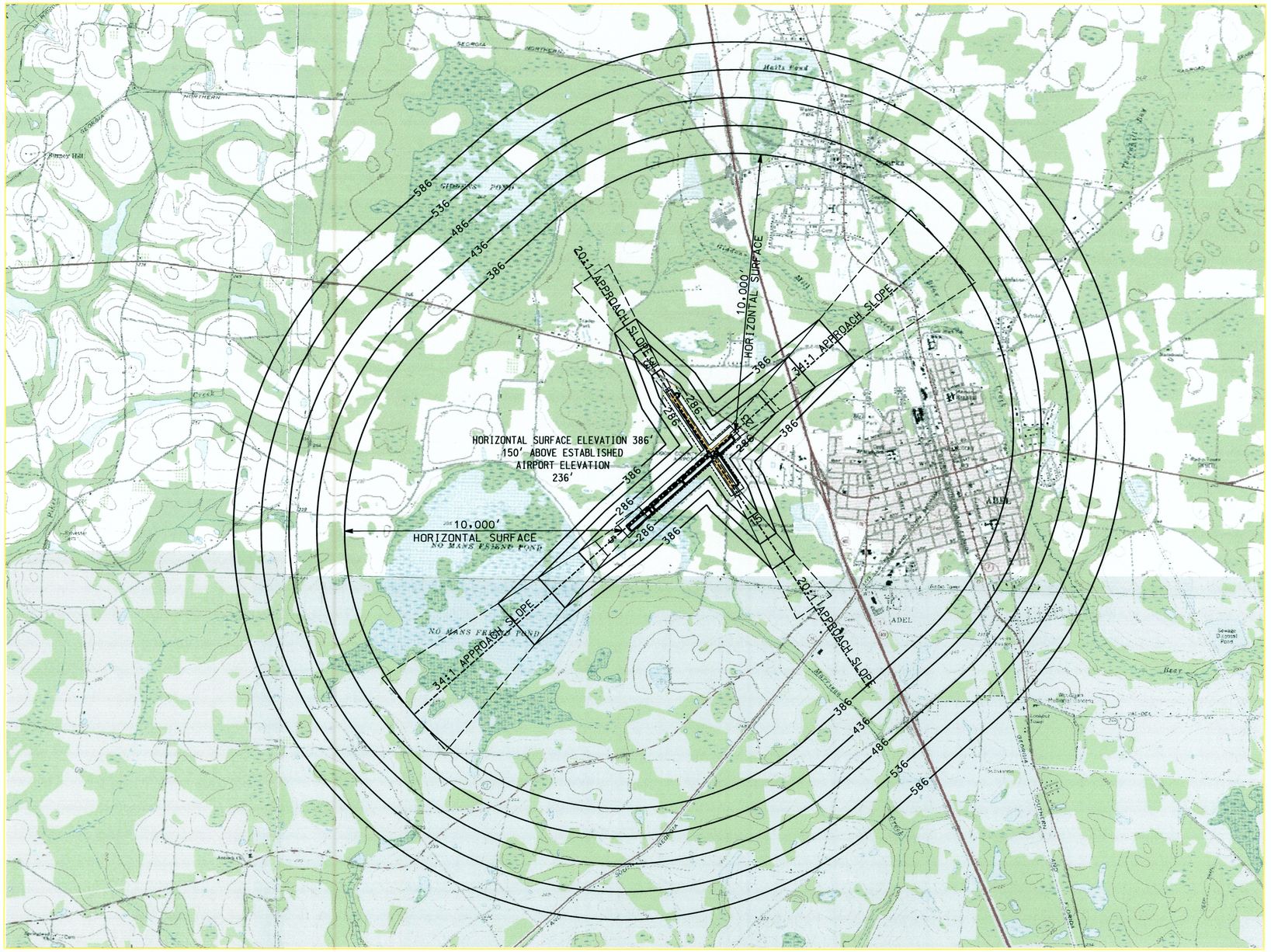

2000 0 2000 4000

SCALE 1" = 2000'

LEGEND

RUNWAYS

NOTES:

1. THERE ARE NO OBSTRUCTIONS TO THE IMAGINARY SURFACES EXCEPT THOSE NOTED.
2. ESTABLISHED AIRPORT ELEV. = 236'
3. AIRPORT REFERENCE POINT (ARP) ULTIMATE:
   LAT. 83°27'15"
   LONG. 31°08'12"
4. BASE MAP TAKEN FROM USGS MAP. DATED 1993.

DES. CHH/HAP					
DWN. CHH/HAP					
CHK. EDD/MSS	REV. NO.	DATE	REVISION DESCRIPTION	BY	APP.
APP. SLP (PROJECT MANAGER)	CLIENT: COOK COUNTY MUNICIPAL AIRPORT, COOK COUNTY, GEORGIA			WILBUR SMITH ASSOCIATES, CONSULTING ENGINEERS, P.O. BOX 92, COLUMBIA, S.C. 29202	
SUBM. SLP (DIVISION DIRECTOR)	TITLE: AIRPORT AIRSPACE PLAN PART 77			DATE: FEB., 2003	
ENGINEERS PLANNERS ECONOMISTS Wilbur Smith Associates	PROJECT NO. (CLIENT): FAA A.I.P. 03-13-0001-04	PROJECT NO. (WSA): 339739		DRAWING SHEET 4 OF 10	

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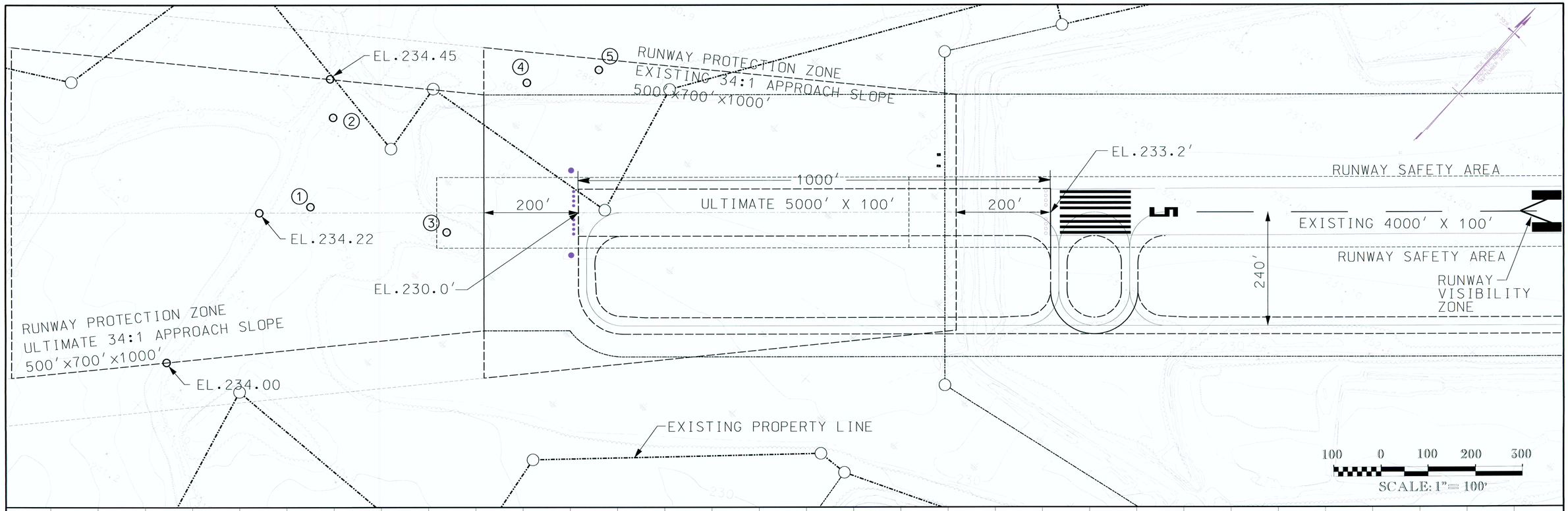

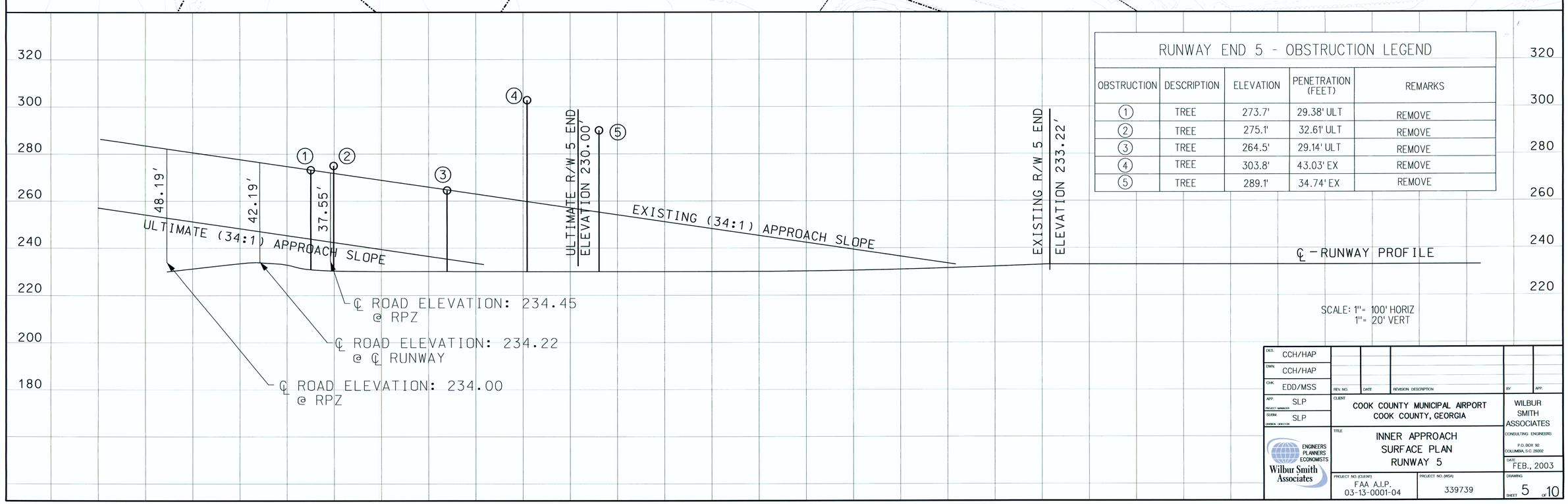

RUNWAY END 5 - OBSTRUCTION LEGEND

OBSTRUCTION	DESCRIPTION	ELEVATION	PENETRATION (FEET)	REMARKS
1	TREE	273.7'	29.38' ULT	REMOVE
2	TREE	275.1'	32.61' ULT	REMOVE
3	TREE	264.5'	29.14' ULT	REMOVE
4	TREE	303.8'	43.03' EX	REMOVE
5	TREE	289.1'	34.74' EX	REMOVE

DES. CCH/HAP
DWN. CCH/HAP
CHK. EDD/MSS
APP. SLP PROJECT MANAGER
SUBM. SLP DIVISION DIRECTOR

REV. NO. | DATE | REVISION DESCRIPTION | BY | APP.

CLIENT
COOK COUNTY MUNICIPAL AIRPORT
COOK COUNTY, GEORGIA

TITLE
INNER APPROACH
SURFACE PLAN
RUNWAY 5

ENGINEERS PLANNERS ECONOMISTS
Wilbur Smith Associates

WILBUR SMITH ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 92
COLUMBIA, S.C. 29202

DATE: FEB., 2003

PROJECT NO. (CLIENT): FAA A.I.P. 03-13-0001-04
PROJECT NO. (WSA): 339739

DRAWING SHEET 5 of 10

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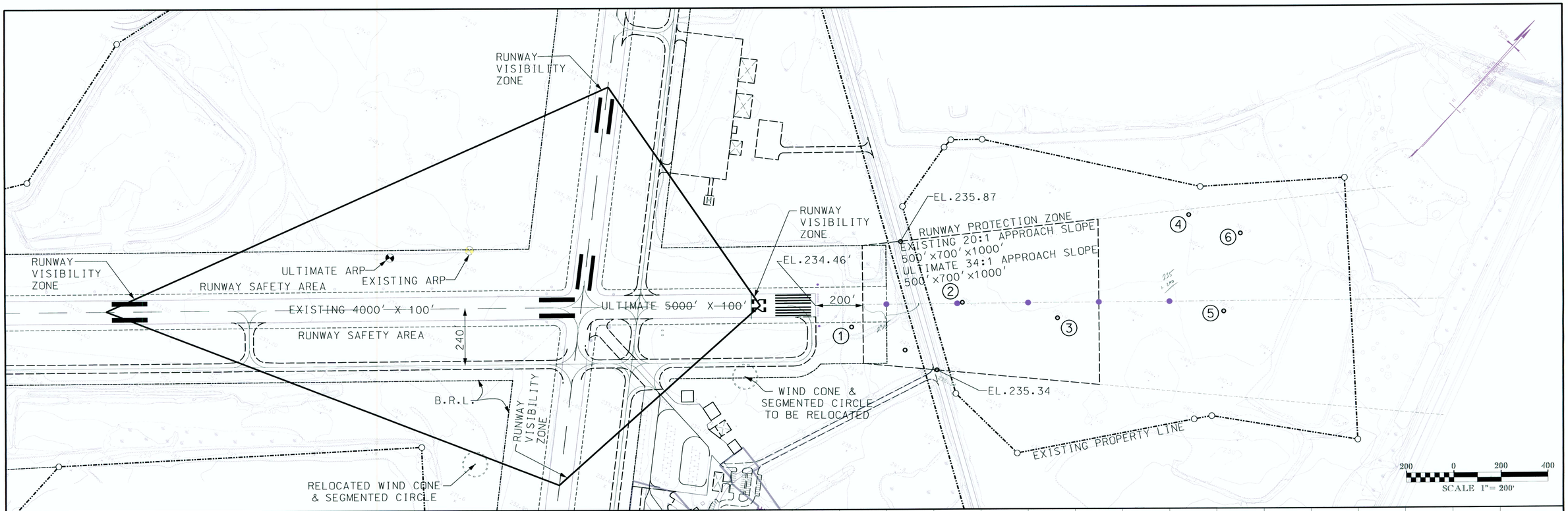
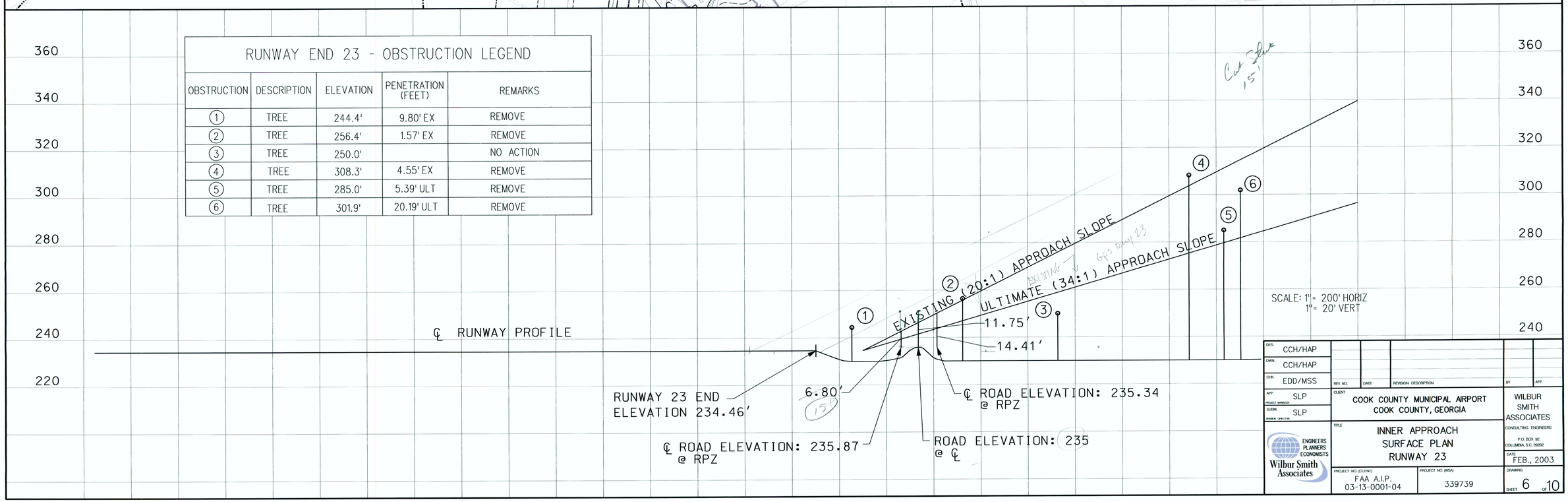


RUNWAY END 23 - OBSTRUCTION LEGEND

OBSTRUCTION	DESCRIPTION	ELEVATION	PENETRATION (FEET)	REMARKS
1	TREE	244.4'	9.80' EX	REMOVE
2	TREE	256.4'	1.57' EX	REMOVE
3	TREE	250.0'		NO ACTION
4	TREE	308.3'	4.55' EX	REMOVE
5	TREE	285.0'	5.39' ULT	REMOVE
6	TREE	301.9'	20.19' ULT	REMOVE



DES. CCH/HAP					
DWN. CCH/HAP					
CHK. EDD/MSS	REV. NO.	DATE	REVISION DESCRIPTION	BY	APP.
APP. SLP (PROJECT MANAGER)	CLIENT: COOK COUNTY MUNICIPAL AIRPORT COOK COUNTY, GEORGIA			WILBUR SMITH ASSOCIATES CONSULTING ENGINEERS P.O. BOX 92 COLUMBIA, S.C. 29202	
SUBM. SLP (DIVISION DIRECTOR)					
ENGINEERS PLANNERS ECONOMISTS Wilbur Smith Associates	TITLE: INNER APPROACH SURFACE PLAN RUNWAY 23			DATE: FEB., 2003	
	PROJECT NO. (CLIENT) FAA A.I.P. 03-13-0001-04	PROJECT NO. (WSA) 339739		DRAWING SHEET 6 OF 10	

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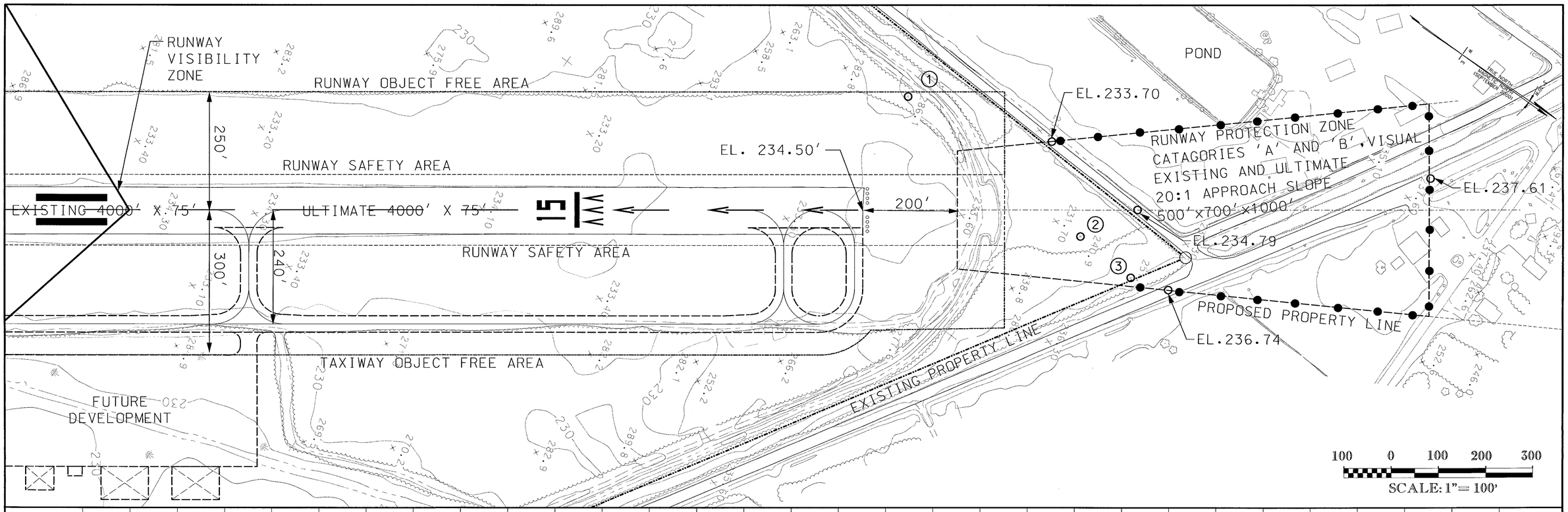
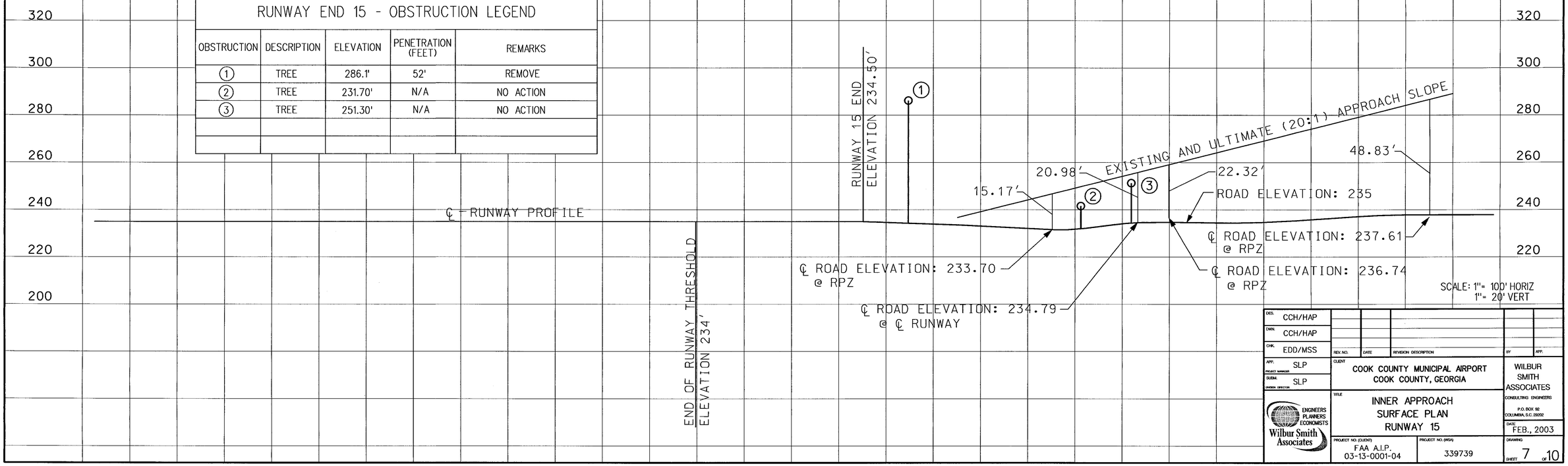


RUNWAY END 15 - OBSTRUCTION LEGEND

OBSTRUCTION	DESCRIPTION	ELEVATION	PENETRATION (FEET)	REMARKS
1	TREE	286.1'	52'	REMOVE
2	TREE	231.70'	N/A	NO ACTION
3	TREE	251.30'	N/A	NO ACTION



DES.	CCH/HAP
DWN.	CCH/HAP
CHK.	EDD/MSS
APP. PROJECT MANAGER	SLP
SUBM. DIVISION DIRECTOR	SLP

REV. NO.	DATE	REVISION DESCRIPTION	BY	APP.

CLIENT: COOK COUNTY MUNICIPAL AIRPORT
COOK COUNTY, GEORGIA

TITLE: INNER APPROACH SURFACE PLAN RUNWAY 15

ENGINEERS PLANNERS ECONOMISTS
Wilbur Smith Associates

WILBUR SMITH ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 92
COLUMBIA, S.C. 29202

DATE: FEB., 2003

PROJECT NO. (CLIENT): FAA A.I.P. 03-13-0001-04

PROJECT NO. (WSA): 339739

DRAWING SHEET 7 OF 10

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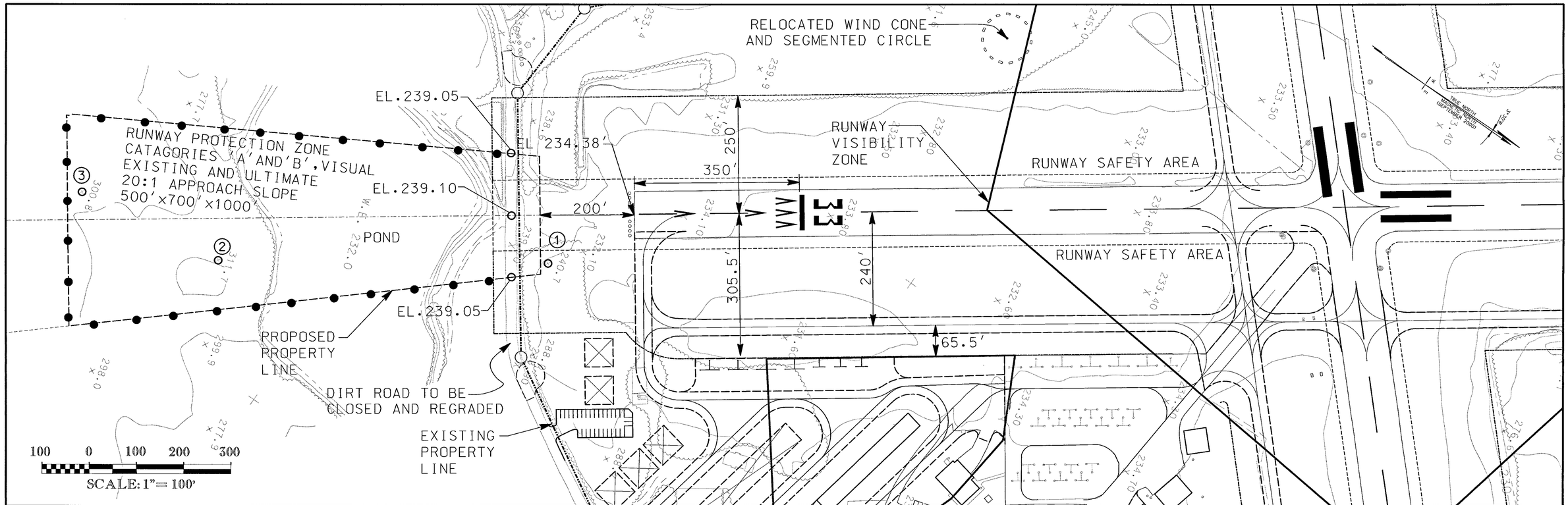

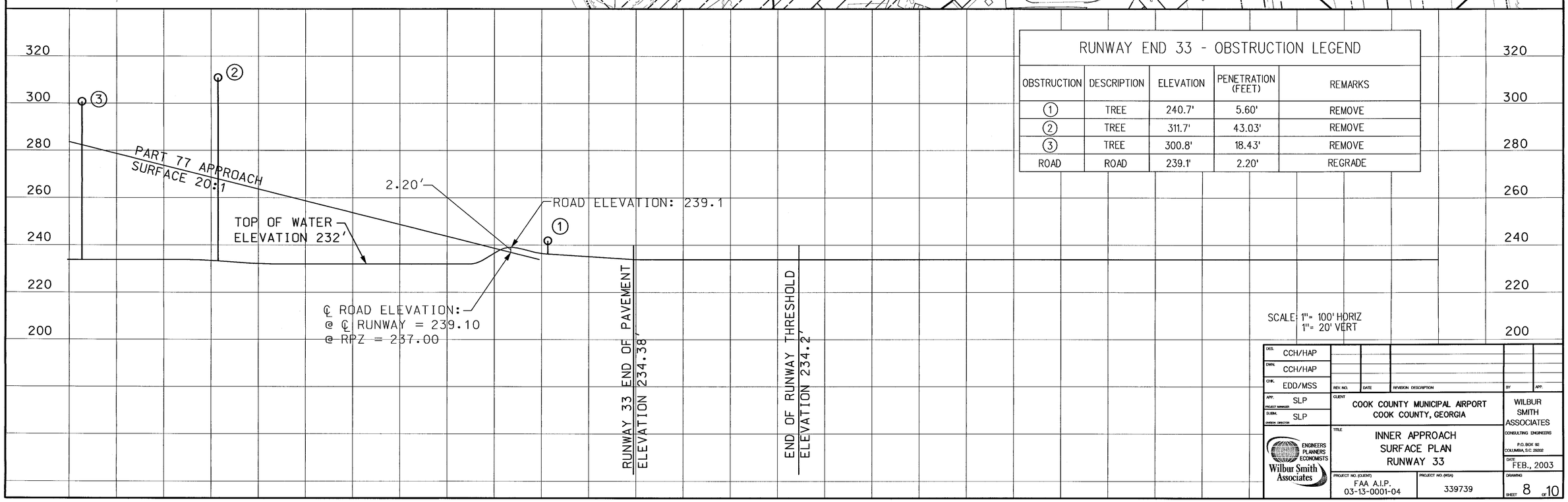

RUNWAY END 33 - OBSTRUCTION LEGEND

OBSTRUCTION	DESCRIPTION	ELEVATION	PENETRATION (FEET)	REMARKS
1	TREE	240.7'	5.60'	REMOVE
2	TREE	311.7'	43.03'	REMOVE
3	TREE	300.8'	18.43'	REMOVE
ROAD	ROAD	239.1'	2.20'	REGRADE

DES. CCH/HAP
DWN. CCH/HAP
CHK. EDD/MSS
APP. SLP (PROJECT MANAGER)
SUBM. SLP (DIVISION DIRECTOR)

REV. NO.	DATE	REVISION DESCRIPTION	BY	APP.

CLIENT: COOK COUNTY MUNICIPAL AIRPORT
COOK COUNTY, GEORGIA

TITLE: INNER APPROACH SURFACE PLAN RUNWAY 33

WILBUR SMITH ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 92
COLUMBIA, S.C. 29202

ENGINEERS PLANNERS ECONOMISTS
Wilbur Smith Associates

PROJECT NO. (CLIENT): FAA A.I.P. 03-13-0001-04
PROJECT NO. (WSA): 339739
DATE: FEB., 2003
DRAWING SHEET 8 OF 10

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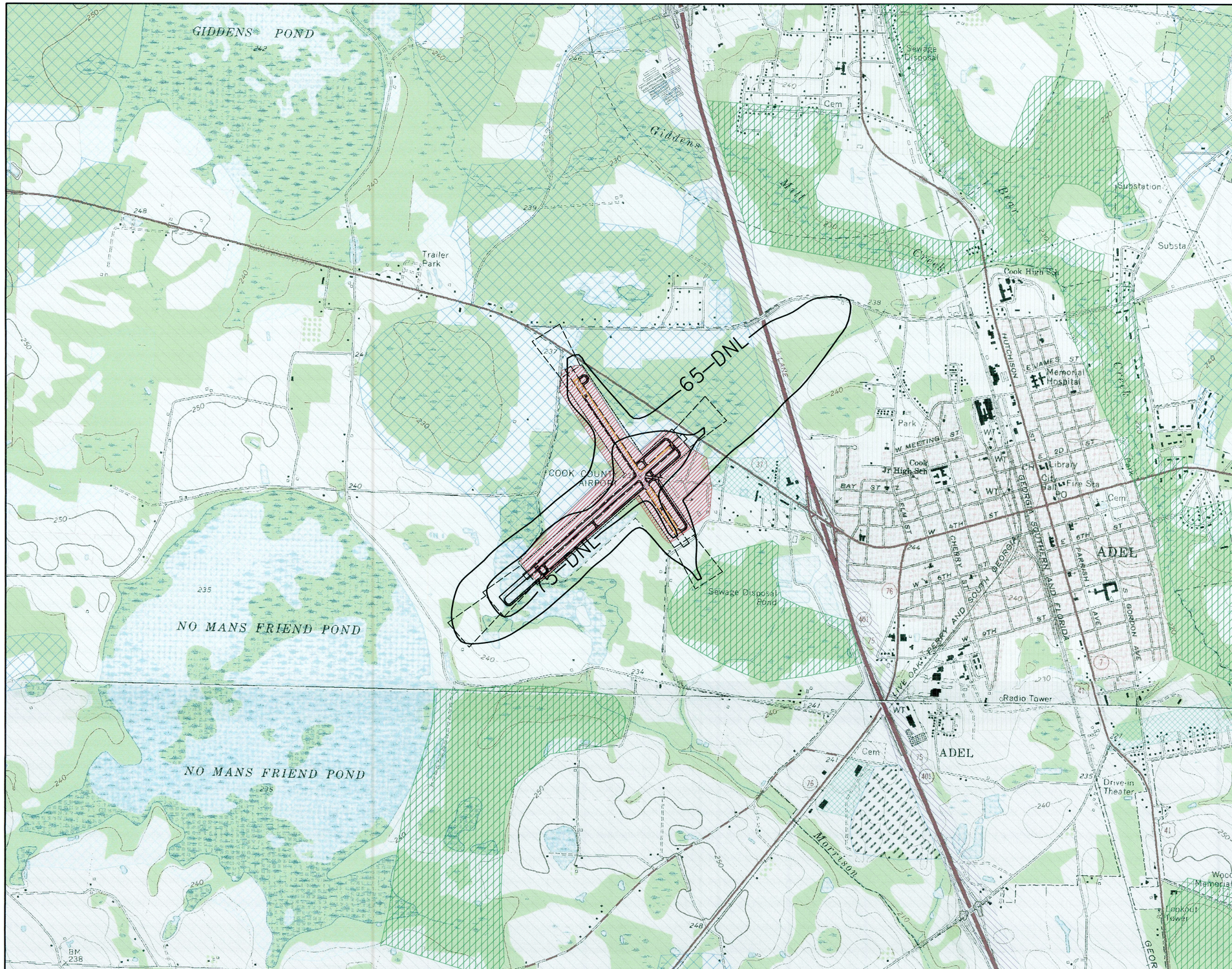

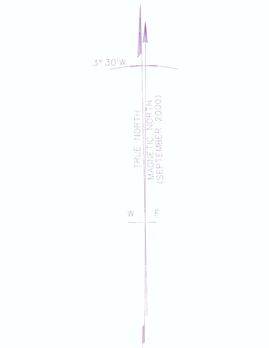

1000 0 1000 2000

SCALE 1"= 1000'

LAND USE GUIDANCE CHART I: AIRPORT NOISE INTERPOLATION			
LAND USE GUIDANCE ZONES (LUG)	NOISE EXPOSURE CLASS	DNL DAY/NIGHT AVG SOUND LEVEL	SUGGESTED NOISE CONTROLS
A	MINIMAL EXPOSURE	0 TO 55	NORMALLY REQUIRES NO SPECIAL CONSIDERATIONS
B	MODERATE EXPOSURE	55 TO 65	LAND USE CONTROLS SHOULD BE CONSIDERED
C	SIGNIFICANT EXPOSURE	65 TO 75	NOISE EASEMENTS LAND USE AND OTHER COMPATIBILITY CONTROLS RECOMMENDED

LEGEND

- RESIDENTIAL
- CROPLAND AND PASTURE
- FORESTED WETLAND
- EVERGREEN FOREST LAND
- AIRPORT
- MIXED FOREST LAND
- COMMERCIAL AND SERVICES
- TRANSPORTATION
- TRANSITIONAL AREA

DES. CCH/HAP
DWN. CCH/HAP
CHK. EDD/MSS
APP. SLP
PROJECT MANAGER SLP
SUBM. SLP
DIVISION DIRECTOR

REV. NO. | DATE | REVISION DESCRIPTION | BY | APP.

CLIENT
COOK COUNTY MUNICIPAL AIRPORT
COOK COUNTY, GEORGIA

WILBUR SMITH ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 92
COLUMBIA, S.C. 29202

ENGINEERS PLANNERS ECONOMISTS
Wilbur Smith Associates

TITLE
LANDUSE / ACCESS PLAN

DATE FEB., 2003

PROJECT NO. (CLIENT) FAA A.I.P. 03-13-0001-04

PROJECT NO. (WSA) 339739

DRAWING SHEET 9 OF 10

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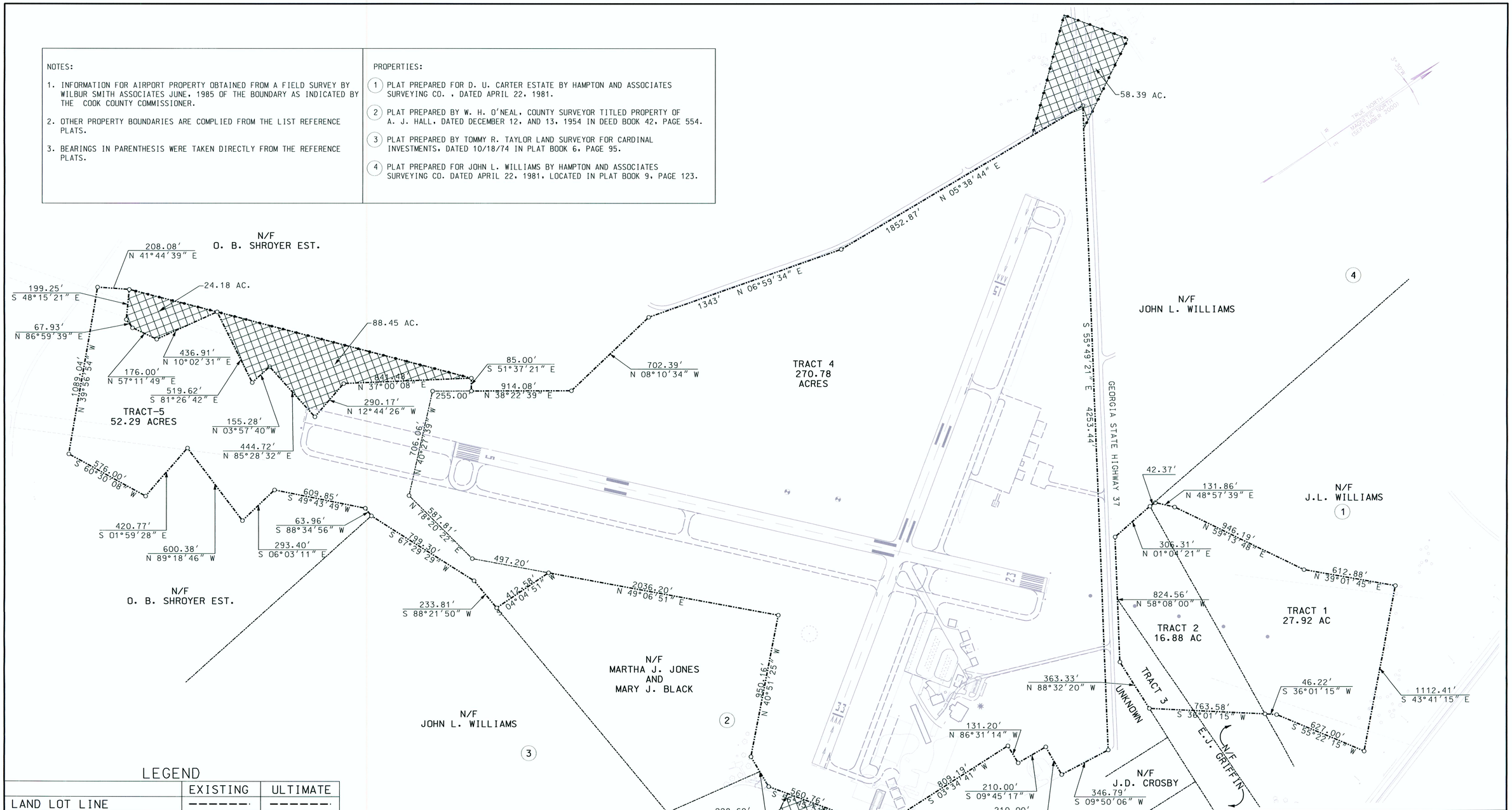
NOTES:

1. INFORMATION FOR AIRPORT PROPERTY OBTAINED FROM A FIELD SURVEY BY WILBUR SMITH ASSOCIATES JUNE, 1985 OF THE BOUNDARY AS INDICATED BY THE COOK COUNTY COMMISSIONER.
2. OTHER PROPERTY BOUNDARIES ARE COMPLIED FROM THE LIST REFERENCE PLATS.
3. BEARINGS IN PARENTHESIS WERE TAKEN DIRECTLY FROM THE REFERENCE PLATS.

PROPERTIES:

1. PLAT PREPARED FOR D. U. CARTER ESTATE BY HAMPTON AND ASSOCIATES SURVEYING CO. , DATED APRIL 22, 1981.
2. PLAT PREPARED BY W. H. O'NEAL, COUNTY SURVEYOR TITLED PROPERTY OF A. J. HALL, DATED DECEMBER 12, AND 13, 1954 IN DEED BOOK 42, PAGE 554.
3. PLAT PREPARED BY TOMMY R. TAYLOR LAND SURVEYOR FOR CARDINAL INVESTMENTS, DATED 10/18/74 IN PLAT BOOK 6, PAGE 95.
4. PLAT PREPARED FOR JOHN L. WILLIAMS BY HAMPTON AND ASSOCIATES SURVEYING CO. DATED APRIL 22, 1981, LOCATED IN PLAT BOOK 9, PAGE 123.



LEGEND

	EXISTING	ULTIMATE
LAND LOT LINE		
AIRPORT PROPERTY LINE		
PROPERTY CORNER	○	○
AIRPORT EASEMENT		

TRACT	ACRES	INTEREST	ACQUIRED	REMARKS
1	27.92	FEE SIMPLE	AIP-3-13-0001-01	FROM QUIDA CASTLEBERRY
2/3	16.88	FEE SIMPLE	AIP-3-13-0001-01	FROM E.J. GRIFFIN
4	270.78	FEE SIMPLE	ORIG. PROPERTY	FROM WAR ASSETS
5	52.29	FEE SIMPLE	AIP-3-13-0001-01	FROM O.B. SHROYER EST.
TOTAL FEE: 367.87				

DES. CCH/HAP
DWN. CCH/HAP
CHK. EDD/MSS
APP. SLP
PROJECT MANAGER
SUBM. SLP
DIVISION DIRECTOR

REV. NO.	DATE	REVISION DESCRIPTION	BY	APP.

CLIENT
COOK COUNTY MUNICIPAL AIRPORT
COOK COUNTY, GEORGIA

TITLE
EXHIBIT "A" PROPERTY MAP

ENGINEERS PLANNERS ECONOMISTS
Wilbur Smith Associates

WILBUR SMITH ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 92
COLUMBIA, S.C. 29202

DATE: FEB., 2003

PROJECT NO. (CLIENT): FAA A.I.P. 03-13-0001-04
PROJECT NO. (WSA): 339739

DRAWING SHEET 10 OF 10

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