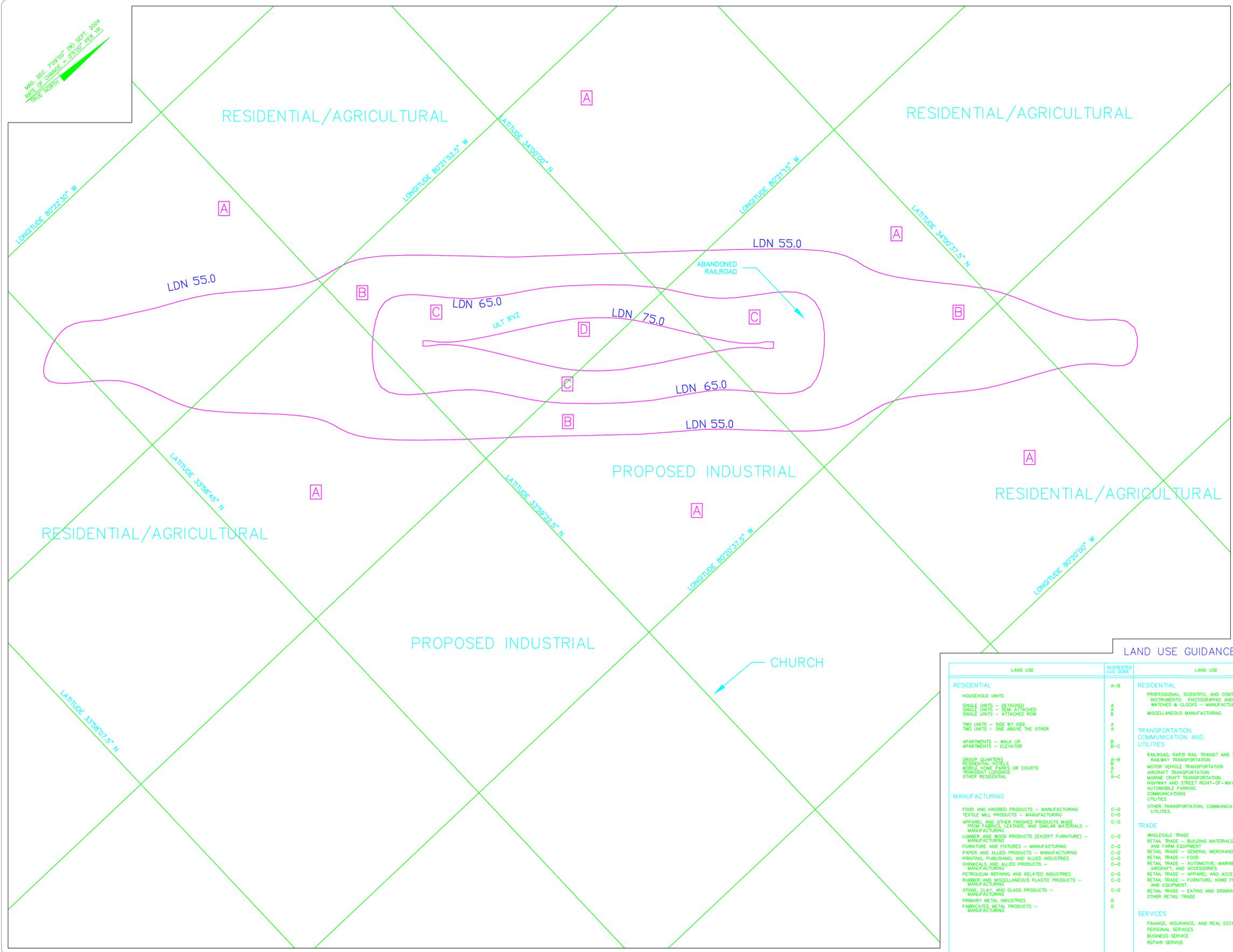
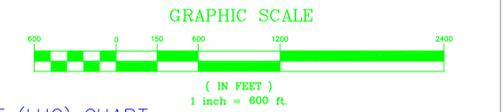
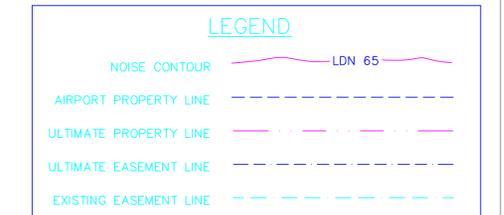


MAX. DIS. 7390.00' (W) EST. 2004
 DATE OF CHANGE = 02/09/07 PER CL
 TRUE NORTH

LAND USE GUIDANCE

LUG ZONE	AVERAGE DAY NIGHT SOUND LEVEL (LDN)
D	LDN 75 or GREATER
	LAND SHOULD BE RESERVED FOR ACTIVITIES THAT CAN TOLERATE A HIGH LEVEL OF SOUND EXPOSURE SUCH AS SOME AGRICULTURAL, INDUSTRIAL, AND COMMERCIAL USES. NO RESIDENTIAL DEVELOPMENTS OF ANY TYPE ARE RECOMMENDED. SOUND SENSITIVE ACTIVITIES SUCH AS SCHOOLS, OFFICES, HOSPITALS, CHURCHES, AND LIKE ACTIVITIES SHOULD NOT BE CONSTRUCTED IN THIS AREA UNLESS NO ALTERNATIVE LOCATION IS POSSIBLE. ALL REGULARLY OCCUPIED STRUCTURES SHOULD CONSIDER SOUND CONTROL IN DESIGN.
C	LDN 65 - 75
	ACTIVITIES WHERE UNINTERRUPTED COMMUNICATION IS ESSENTIAL SHOULD CONSIDER SOUND EXPOSURE IN DESIGN. GENERALLY, RESIDENTIAL DEVELOPMENT IS NOT CONSIDERED A SUITABLE USE ALTHOUGH MULTIFAMILY DEVELOPMENTS WHERE SOUND CONTROL FEATURES HAVE BEEN INCORPORATED IN BUILDING DESIGN MIGHT BE CONSIDERED. OPEN-AIR ACTIVITIES AND OUTDOOR LIVING WILL BE AFFECTED BY AIRCRAFT SOUND. THE CONSTRUCTION OF AUDITORIUMS, SCHOOLS, CHURCHES, HOSPITALS, THEATERS, AND LIKE ACTIVITIES SHOULD BE AVOIDED WITHIN THIS ZONE WHERE POSSIBLE.
B	LDN 55 - 65
	FEW ACTIVITIES WILL BE AFFECTED BY AIRCRAFT SOUNDS, ALTHOUGH BUILDING DESIGNS FOR ESPECIALLY SOUND SENSITIVE ACTIVITIES SUCH AS AUDITORIUMS, CHURCHES, SCHOOLS, HOSPITALS, AND THEATERS SHOULD CONSIDER SOUND CONTROL IN AREAS CLOSEST TO THE AIRPORT. DETAILED STUDIES BY QUALIFIED PERSONNEL ARE RECOMMENDED FOR OUTDOOR AMPHITHEATERS AND LIKE PLACES OF PUBLIC ASSEMBLY IN THE GENERAL VICINITY OF THE AIRPORT.
A	LDN 55 and LESS
	CLEARLY ACCEPTABLE NOISE LEVEL. NO SPECIAL CONSIDERATIONS REQUIRED.

- NOTES:
1. LAND USE GUIDANCE CHART AND ZONE DESCRIPTIONS FROM AIRPORT LAND USE COMPATIBILITY PLANNING, AC-150/5020-1, PAGES 1,2,3, AND 4 OF APPENDIX 1 AND FAR PART 150, JULY 18, 1985.
 2. NOISE CONTOURS GENERATED USING FAA'S INTEGRATED NOISE MODEL, VERSION USING THE 2021 ACTIVITY LEVELS AND CRITICAL AIRCRAFT.
 3. LAND USES RECOMMENDED ON THIS PLAN ARE BASED ON AIRCRAFT NOISE LEVELS. HEIGHT RESTRICTIONS ARE BASED ON FAR PART 77 AND ARE INCLUDED ON SHEET 3, "AIRPORT AIRSPACE PLAN."
 4. NOISE CONTOURS REFLECT ACTIVITY LEVELS OF RUNWAY 5/23 ONLY.
 5. AIRPORT LAND USE ORDINANCES HAVE NOT BEEN ADOPTED FOR SUMTER COUNTY.



LAND USE GUIDANCE (LUG) CHART

LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE
RESIDENTIAL	A-B	RESIDENTIAL	B	SERVICES (CONTINUED)	B-C
HOUSEHOLD UNITS	A-B	PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS, PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES & CLOCKS - MANUFACTURING	B	PROFESSIONAL SERVICES	B-C
SINGLE UNITS - DETACHED	A	MISCELLANEOUS MANUFACTURING	C-D	CONTRACT CONSTRUCTION SERVICES	C
SINGLE UNITS - SEMI ATTACHED	B			GOVERNMENTAL SERVICES	B
SINGLE UNITS - ATTACHED ROW	A			EDUCATIONAL SERVICES	A-B
TWO UNITS - SIDE BY SIDE	A			MISCELLANEOUS SERVICES	A-C
TWO UNITS - ONE ABOVE THE OTHER	A	TRANSPORTATION COMMUNICATION AND UTILITIES			
APARTMENTS - WALK UP	B	CULTURAL ACTIVITIES AND NATURE EXHIBITIONS	D		A
APARTMENTS - ELEVATOR	B-C	PUBLIC ASSEMBLY	D		A
GROUP QUARTERS	A-B	AMUSEMENTS	D		C
RESIDENTIAL HOTELS	B	RECREATIONAL ACTIVITIES	D		B-C
MOBILE HOME PARKS OR COURTS	C	RESORTS AND GROUP CAMPS	D		A
TRANSIENT LODGINGS	A-C	PARKS	D		A-C
OTHER RESIDENTIAL		OTHER CULTURAL, ENTERTAINMENT, AND RECREATIONAL	A-D		A-B
MANUFACTURING	C-D				
FOOD AND KINDRED PRODUCTS - MANUFACTURING	C-D	TRADE			
TEXTILE MILL PRODUCTS - MANUFACTURING	C-D	WHOLESALE TRADE	C-D		
APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS, LEATHER, AND SIMILAR MATERIALS - MANUFACTURING	C-D	RETAIL TRADE - BUILDING MATERIALS, HARDWARE AND FARM EQUIPMENT	C		
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE) - MANUFACTURING	C-D	RETAIL TRADE - GENERAL MERCHANDISE	C		
FURNITURE AND FIXTURES - MANUFACTURING	C-D	RETAIL TRADE - FOOD	C		
PAPER AND ALLIED PRODUCTS - MANUFACTURING	C-D	RETAIL TRADE - AUTOMOTIVE, MARINE CRAFT, AIRCRAFT, AND ACCESSORIES	C		
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	C-D	RETAIL TRADE - APPAREL AND ACCESSORIES	C		
CHEMICALS AND ALLIED PRODUCTS - MANUFACTURING	C-D	RETAIL TRADE - FURNITURE, HOME FURNISHINGS AND EQUIPMENT	C		
PETROLEUM REFINING AND RELATED INDUSTRIES	C-D	RETAIL TRADE - EATING AND DRINKING	C-D		
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS - MANUFACTURING	C-D	SERVICES			
STONE, CLAY, AND GLASS PRODUCTS - MANUFACTURING	C-D	FINANCE, INSURANCE, AND REAL ESTATE SERVICES	B		
PRIMARY METAL INDUSTRIES	D	PERSONAL SERVICES	B		
FABRICATED METAL PRODUCTS - MANUFACTURING	D	BUSINESS SERVICE	B		
		REPAIR SERVICE	C		

REV. NO.	DESCRIPTION	DATE

PROJECT MANAGER: GAV
 DRAWN BY: RBT
 PROJECT DATE: NDV. 2004
 PROJECT NUMBER: 10177.00.CA
 FILE NAME: 10177.LAND
 PLOT DATE:

WK DICKSON
 community infrastructure consultants

501 COMMERCE DRIVE NE
 COLUMBIA, SC 29223
 (803) 786-4281

Office Locations:
 North Carolina
 South Carolina
 Georgia
 Florida

RELEASED FOR:

DATE:

APPROVALS:

BIDDING:

CONSTRUCTION:

RECORD DWG.:

2004

SUMTER AIRPORT
 SUMTER, SOUTH CAROLINA

AIRPORT LAND USE PLAN