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MAG. DEC. 531(W) SECT. 2004  
 RATE OF CHANGE = 1" = 100' W/YR.  
 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 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.

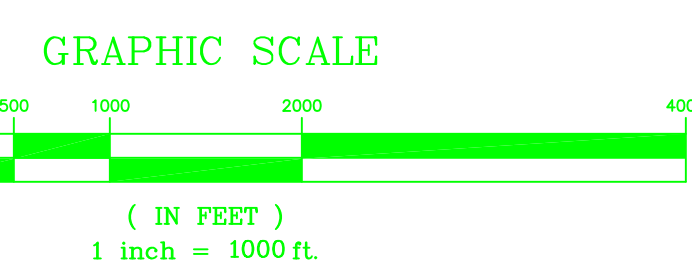
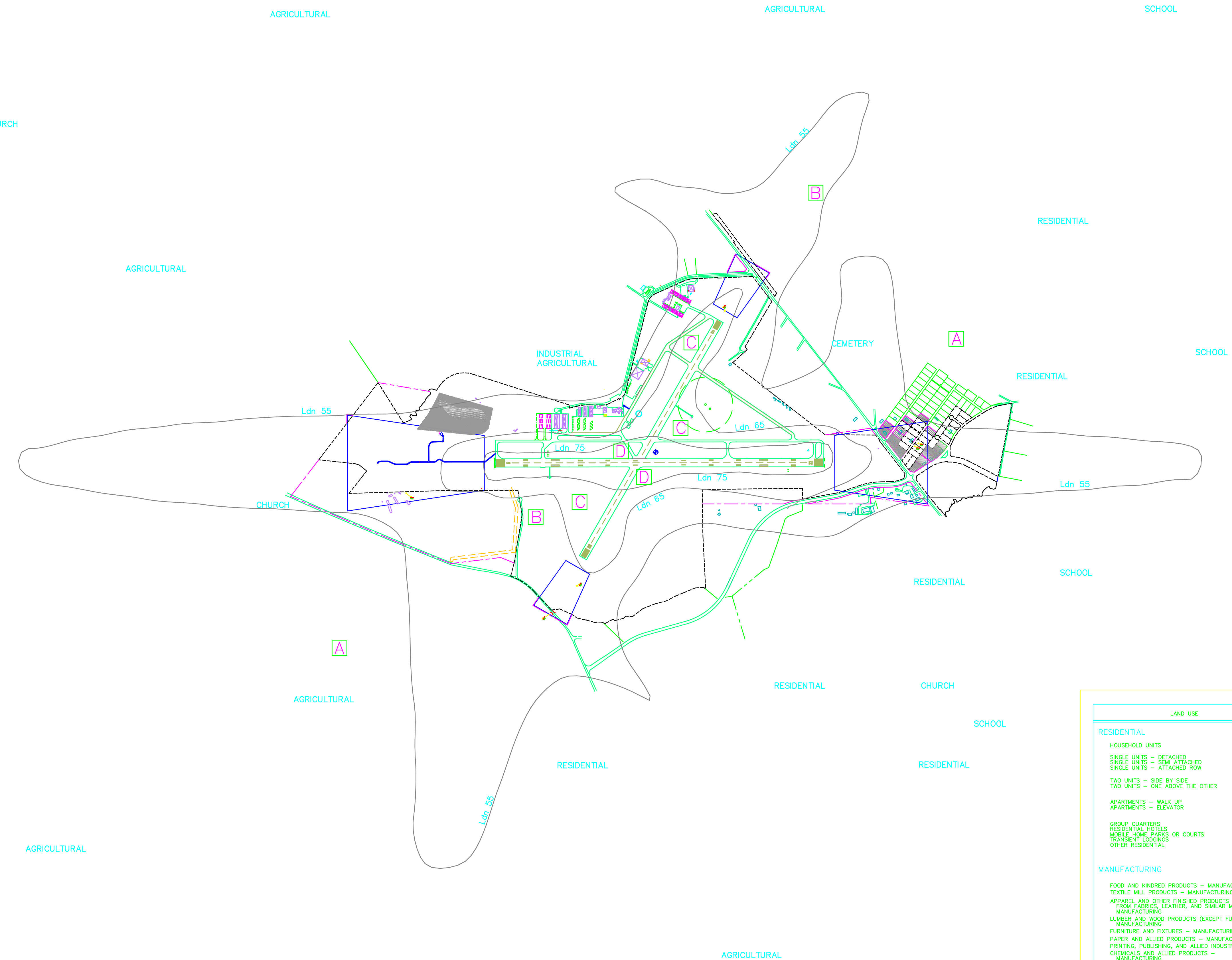
- NOTES:**
- LAND USE GUIDANCE CHART AND ZONE DESCRIPTIONS FROM AIRPORT LAND USE COMPATIBILITY PLANNING, AC-150/5020-1, PAGES 1,2,3, AND 4 OF APPENDIX 1 AND FAR PART 150, JULY 18, 1985.
  - NOISE CONTOURS GENERATED USING FAA'S INTEGRATED NOISE MODEL, USING THE 2018 ACTIVITY LEVELS AND CRITICAL AIRCRAFT.
  - 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."

### LEGEND

- NOISE CONTOUR ——— Ldn 65
- AIRPORT PROPERTY LINE - - - - -
- ULT. AIRPORT PROPERTY LINE - - - - -
- EXST. EASEMENT LINE - - - - -
- ULT. EASEMENT LINE - - - - -

### LAND USE GUIDANCE (LUG) CHART

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



REV. NO.	DESCRIPTION	DATE
1.	UPDATE DRAWINGS TO REFLECT RUNWAY EXTENSION	5/23
2.	REVISED AS PER FAA AIP NO. 3-45-0004-12	5/06

PROJECT MANAGER SEW	DRAWING SCALE 1" = 1000'
DRAWN BY RBT	PROJECT DATE NOV. 2004
APPROVED BY SEW	PROJECT NUMBER 40355.00.CA
FILE NAME 40355 ALP	PLOT DATE



501 COMMERCE DRIVE NE COLUMBIA, SC 29223 (803) 786-4261	RELEASED FOR APPROVALS	DATE
Office Locations: North Carolina South Carolina Georgia Florida	BIDDING	
	CONSTRUCTION	
	RECORD DWG.	

ANDERSON REGIONAL AIRPORT  
ANDERSON, SOUTH CAROLINA

LAND USE PLAN