

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.
	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. UPON AIR ACTIVITIES AND OUTDOOR LIVING WILL BE EFFECTED 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.

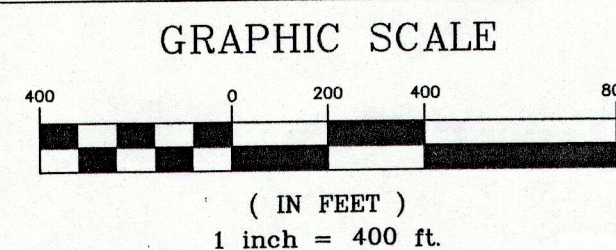
LEGEND

NOISE CONTOUR ——— LDN 65 ———

AIRPORT PROPERTY LINE ———

ULT. AIRPORT PROPERTY LINE ———

- 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 FAS'S INTEGRATED NOISE MODEL, VERSION USING THE 2020 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 AAP, "AIRPORT AIRSPACE PLAN."



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

ENGINEERING CONSULTANTS INC.

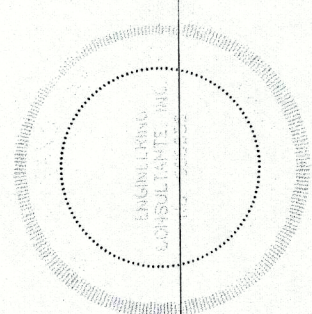
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Santee Cooper Regional Airport

CLarendon County, S.C.

LAND USE PLAN



DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]

C.S.B.J.R. C.S.B.J.R. B.W. AIRSPACE

PROJECT NO. 0825

1" = 400'

MAR. 2009

LUP