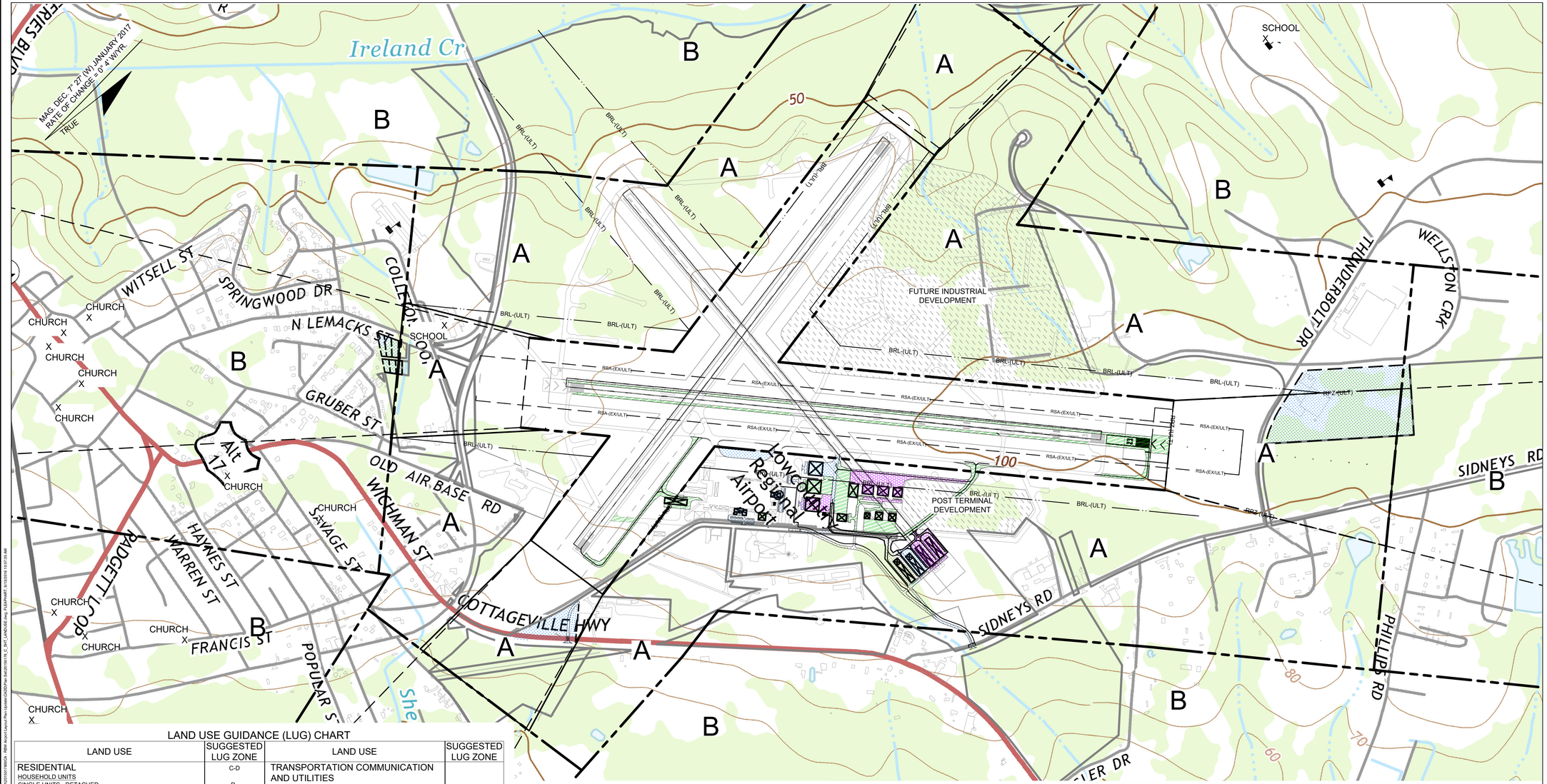

LAND USE GUIDANCE (LUG) CHART

LAND USE	SUGGESTED LUG ZONE
RESIDENTIAL	C-D
HOUSEHOLD UNITS	
SINGLE UNITS - DETACHED	D
SINGLE UNITS - SEMI ATTACHED	D
SINGLE UNITS - ATTACHED ROW	C
TWO UNITS - SIDE BY SIDE	D
TWO UNITS - ONE ABOVE THE OTHER	D
APARTMENTS - WALK UP	C
APARTMENTS - ELEVATOR	B-C
GROUP QUARTERS	C-D
RESIDENTIAL HOTELS	C
MOBILE HOME PARKS OR COURTS	D
TRANSIENT LODGINGS	B
OTHER RESIDENTIAL	B,C,D
MANUFACTURING	
FOOD AND KINDRED PRODUCTS - MANUFACTURING TEXTILE MILL PRODUCTS - MANUFACTURING	A-B
APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS, LEATHER, AND SIMILAR MATERIALS - MANUFACTURING	A-B
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE) - MANUFACTURING	A-B
FURNITURE AND FIXTURES - MANUFACTURING	A-B
PAPER AND ALLIED PRODUCTS - MANUFACTURING PRINTING, PUBLISHING, AND ALLIED INDUSTRIES CHEMICALS AND ALLIED PRODUCTS - MANUFACTURING	A-B
PETROLEUM REFINING AND RELATED INDUSTRIES RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS - MANUFACTURING	A-B
STONE, CLAY, AND GLASS PRODUCTS - MANUFACTURING PRIMARY METAL INDUSTRIES	A-B
FABRICATED METAL PRODUCTS - MANUFACTURING	A
PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES & CLOCKS - MANUFACTURING MISCELLANEOUS MANUFACTURING	A
	C
	A-B

LAND USE	SUGGESTED LUG ZONE
TRANSPORTATION COMMUNICATION AND UTILITIES	
RAILROAD, RAPID RAIL TRANSIT AND STREET RAILWAY TRANSPORTATION	A
MOTOR VEHICLE TRANSPORTATION	A
AIRCRAFT TRANSPORTATION	A
MARINE CRAFT TRANSPORTATION	A
HIGHWAY AND STREET RIGHT-OF-WAY	A
AUTOMOBILE PARKING	A
COMMUNICATIONS	A,B,C,D
UTILITIES	A
OTHER TRANSPORTATION, COMMUNICATION AND UTILITIES.	A,B,C,D
TRADE	
WHOLESALE TRADE	A-B
RETAIL TRADE - BUILDING MATERIALS, HARDWARE AND FARM EQUIPMENT	B
RETAIL TRADE - GENERAL MERCHANDISE	B
RETAIL TRADE - FOOD	B
RETAIL TRADE - AUTOMOTIVE, MARINE CRAFT, AIRCRAFT, AND ACCESSORIES	B
RETAIL TRADE - APPAREL AND ACCESSORIES	B
RETAIL TRADE - FURNITURE, HOME FURNISHINGS, AND EQUIPMENT	B
RETAIL TRADE - EATING AND DRINKING	A-B
OTHER RETAIL TRADE	
SERVICES	
FINANCE, INSURANCE, AND REAL ESTATE SERVICES	C
PERSONAL SERVICES	C
BUSINESS SERVICES	C
REPAIR SERVICES	B
PROFESSIONAL SERVICES	B-C
CONTRACT CONSTRUCTION SERVICES	B
GOVERNMENTAL SERVICES	C
EDUCATIONAL SERVICES	C-D
MISCELLANEOUS SERVICES	B,C,D
CULTURAL, ENTERTAINMENT, AND RECREATIONAL	
CULTURAL ACTIVITIES AND NATURE EXHIBITS	D
PUBLIC ASSEMBLY	D
AMUSEMENTS	B
RECREATIONAL ACTIVITIES	B-C
RESORTS AND GROUP CAMPS	D
PARKS	B,C,D
OTHER CULTURAL, ENTERTAINMENT, AND RECREATIONAL	C-D

GRAPHIC SCALE

600 0 300 600 1200 2400

(IN FEET)
1 inch = 600 ft.

LEGEND

AIRPORT PROPERTY LINE	
LAND USE ZONE LINES	
ULT. RUNWAY APPROACH ZONE	
FUTURE DEVELOPMENT	

STAGE I	STAGE II	STAGE III

NOTE:

1: ALL LATITUDE AND LONGITUDE COORDINATES ARE IN NAD '83 FORMAT.
2: ALL ELEVATIONS SHOWN ARE IN REFERENCE TO NAVD 88.
3: PLANIMETRICS/CONTOURS WERE OBTAINED AUGUST 2014 BY GPI.
4: WK DICKSON HAS PROVIDED ADDITIONAL SURVEY DATA ON AIRPORT PROPERTY.

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, AUGUST 5, 1983.
2. LAND USES RECOMMENDED ON THIS PLAN ARE BASED ON AIRPORT OPERATIONAL DATA, AIRCRAFT TRAFFIC PATTERNS, AND EXPECTED NOISE LEVELS AT AND AROUND THE AIRPORT. HEIGHT RESTRICTIONS ARE BASED ON FAR PART 77 AND ARE INCLUDED ON SHEET 3 & 4, "AIRPORT AIRSPACE PLAN."
3. COLLETON COUNTY CURRENTLY HAS A ZONING ORDINANCE WITH HEIGHT AND HAZARD ZONING IN PLACE.

LAND USE GUIDANCE (LUG)

LUG ZONE	ZONE AREA	DESCRIPTION
A	ZONE A INCLUDES THE RUNWAY PROTECTION ZONE, AS DEFINED IN FAA AC 150/5300-13A, SECTION 310 (LATEST CHANGE), AND THE PORTION OF THE APPROACH SURFACE FROM THE EDGE OF THE RUNWAY PROTECTION ZONE TO WHERE EACH APPROACH SURFACE IS 150 FEET OF HEIGHT ABOVE ITS RESPECTIVE RUNWAY END ELEVATION.	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.
B	ZONE B INCLUDES THE PORTION OF THE APPROACH SURFACE FROM THE EDGE OF ZONE A TO 10,000 FEET FROM THE INNER EDGE OF THE APPROACH SURFACE, AND THE AREA FORMED BY OFFSETTING THE PRIMARY SURFACE EDGE OUTWARD BY 1,500 FEET AND EXTENDING ITS ENDS AND SQUARING THEM OFF AT THE EDGE OF ZONE A.	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.
C	ZONE C INCLUDES THE AREAS OF THE TRANSITIONAL AND HORIZONTAL SURFACES NOT PART OF ZONES A OR B. NOTE: THESE ZONES ARE NOT SHOWN BECAUSE THEY ARE OUTSIDE THE LIMITS OF THIS PLAN SHEET	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.
D	ZONE D IS IDENTICAL IN AREA TO THE CONICAL ZONE. NOTE: THESE ZONES ARE NOT SHOWN BECAUSE THEY ARE OUTSIDE THE LIMITS OF THIS PLAN SHEET	NO SPECIAL CONSIDERATIONS

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PROFESSIONAL SEAL

REVISION RECORD

NO.	DATE	DESCRIPTION	BY

PLANNING DOCUMENT - DRAFT

PROJECT NAME:
LOWCOUNTRY REGIONAL AIRPORT (RBW)
AIRPORT LAYOUT PLAN
WALTERBORO, SOUTH CAROLINA

DRAWING TITLE:
LANDUSE PLAN

PROJ. MGR.:	JJB
DESIGN BY:	JJB / FDL
DRAWN BY:	FDL
PROJ. DATE:	MAY 2017

DRAWING NUMBER:
21 OF 22

WKD PROJ. NO.:
20150178.00.CA

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