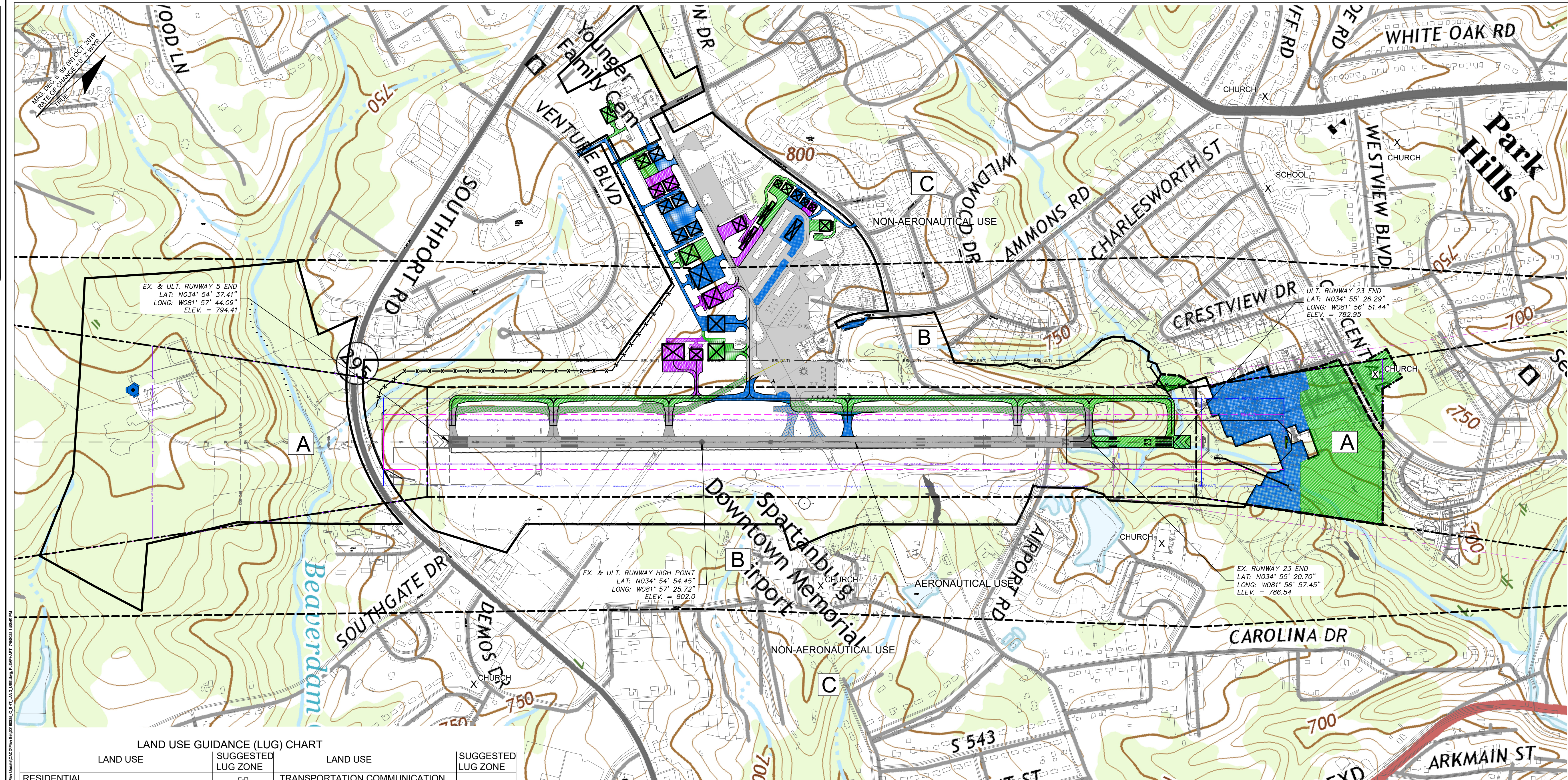
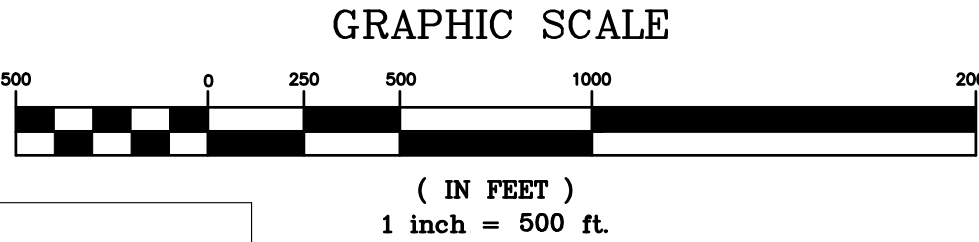




LAND USE GUIDANCE (LUG) CHART

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



LEGEND		
EXISTING	DESCRIPTION	ULTIMATE
— RSA (EX) —	RUNWAY SAFETY AREA (RSA)	— RSA (ULT) —
— ROFA (EX) —	RUNWAY OBJECT FREE AREA (ROFA)	— ROFA (ULT) —
— ROFZ (EX) —	RUNWAY OBSTACLE FREE ZONE (ROFZ)	— ROFZ (ULT) —
— RPZ (EX) —	RUNWAY PROTECTION ZONE (RPZ)	— RPZ (ULT) —
— TOFA (EX) —	TAXIWAY OBJECT FREE AREA (TOFA)	— TOFA (ULT) —
— TSA (EX) —	TAXIWAY SAFETY AREA (TSA)	— TSA (ULT) —
— N/A —	BUILDING RESTRICTION LINE (BRL)	— BRL (ULT) —
— N/A —	AIRPORT PAVEMENT	— N/A —
— N/A —	AIRPORT REFERENCE POINT	— N/A —
— N/A —	OTHER BUILDINGS	— N/A —
— N/A —	AIRPORT PROPERTY LINE	— N/A —
— N/A —	AIRPORT EASEMENT LINE	— N/A —
— N/A —	OTHER PROPERTY LINES	— N/A —
— N/A —	RAILROAD	— N/A —
— N/A —	FENCE	— N/A —
— N/A —	ROADS	— N/A —
— N/A —	TREE LINE	— N/A —
— N/A —	WETLANDS	— N/A —
— N/A —	GROUND ELEVATION CONTOURS	— N/A —
— N/A —	DITCH/CREEK	— N/A —
— N/A —	THRESHOLD LIGHTS	— N/A —
— N/A —	PAVEMENT TO BE REMOVED (STG. I)	— N/A —
— N/A —	PAVEMENT TO BE REMOVED (STG. II)	— N/A —
— N/A —	STAGE I	— N/A —
— N/A —	STAGE II	— N/A —
— N/A —	STAGE III	— N/A —

- NOTES:
- ALL LATITUDE AND LONGITUDE COORDINATES ARE IN NAD '83 FORMAT.
 - ALL ELEVATIONS SHOWN ARE IN REFERENCE TO NAVD 88.
 - PLANIMETRICS/CONTOURS WERE OBTAINED JANUARY 2019 BY GPI.
 - WK DICKSON HAS PROVIDED ADDITIONAL SURVEY DATA ON AIRPORT PROPERTY.
 - 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.
 - 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 IN SECTION, "AIRPORT AIRSPACE PLAN."
 - SPARTANBURG COUNTY CURRENTLY HAS ZONING RESTRICTIONS IN PLACE TO PROTECT THE AIRPORT AND SURROUNDING AIRSPACE WITHIN THE CODE OF ORDINANCES OF SPARTANBURG, SOUTH CAROLINA, APPENDIX A - ZONING, ARTICLE V, SECTION 50.8.
 - THE AIRPORT PROPERTY IS ZONED "LIGHT INDUSTRIAL" PER SPARTANBURG COUNTY ZONING MAP DATED AUG. 8, 2018.
 - THERE ARE NO PUBLIC FACILITIES WITHIN THE LIMITS OF THIS DRAWING THAT NEED TO BE SHOWN.

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 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.	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. *THESE ZONES ARE NOT SHOWN BECAUSE THEY ARE OUTSIDE THE LIMITS OF THIS PLAN SHEET.	NO SPECIAL CONSIDERATIONS

REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME:	SPARTANBURG DOWNTOWN MEMORIAL AIRPORT / SIMPSON FIELD (SPA) AIRPORT LAYOUT PLAN
DRAWING TITLE:	SPARTANBURG, SOUTH CAROLINA