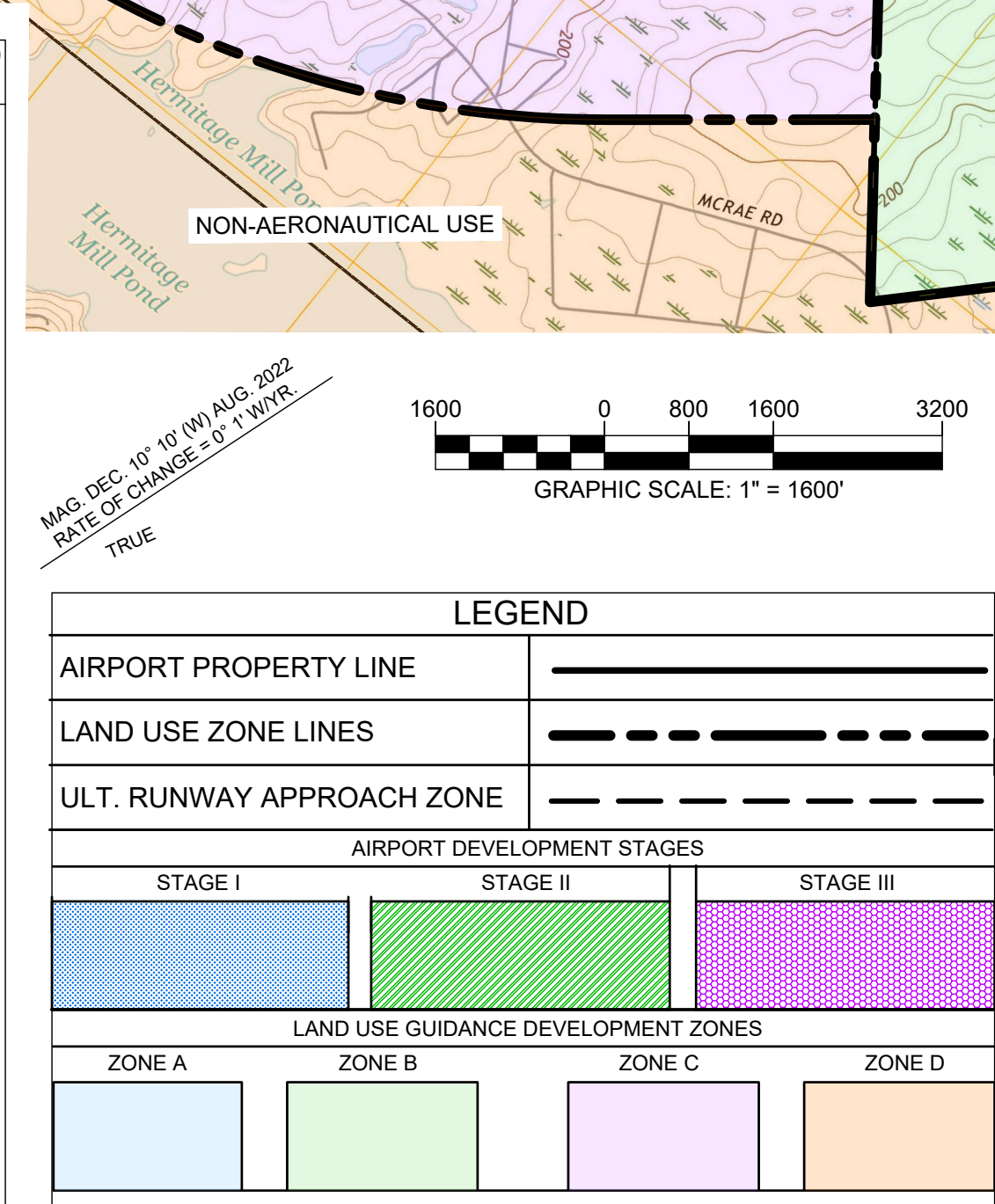


LAND USE GUIDANCE (LUG) CHART			
LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE
RESIDENTIAL	C-D	TRANSPORTATION COMMUNICATION AND UTILITIES	
HOUSEHOLD UNITS	D	RAILROAD, RAPID RAIL TRANSIT AND STREET RAILWAY	A
SINGLE UNITS - DETACHED	D	TRANSPORTATION	A
SINGLE UNITS - SEMI ATTACHED	C	MOTOR VEHICLE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



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.	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.	NO SPECIAL CONSIDERATIONS