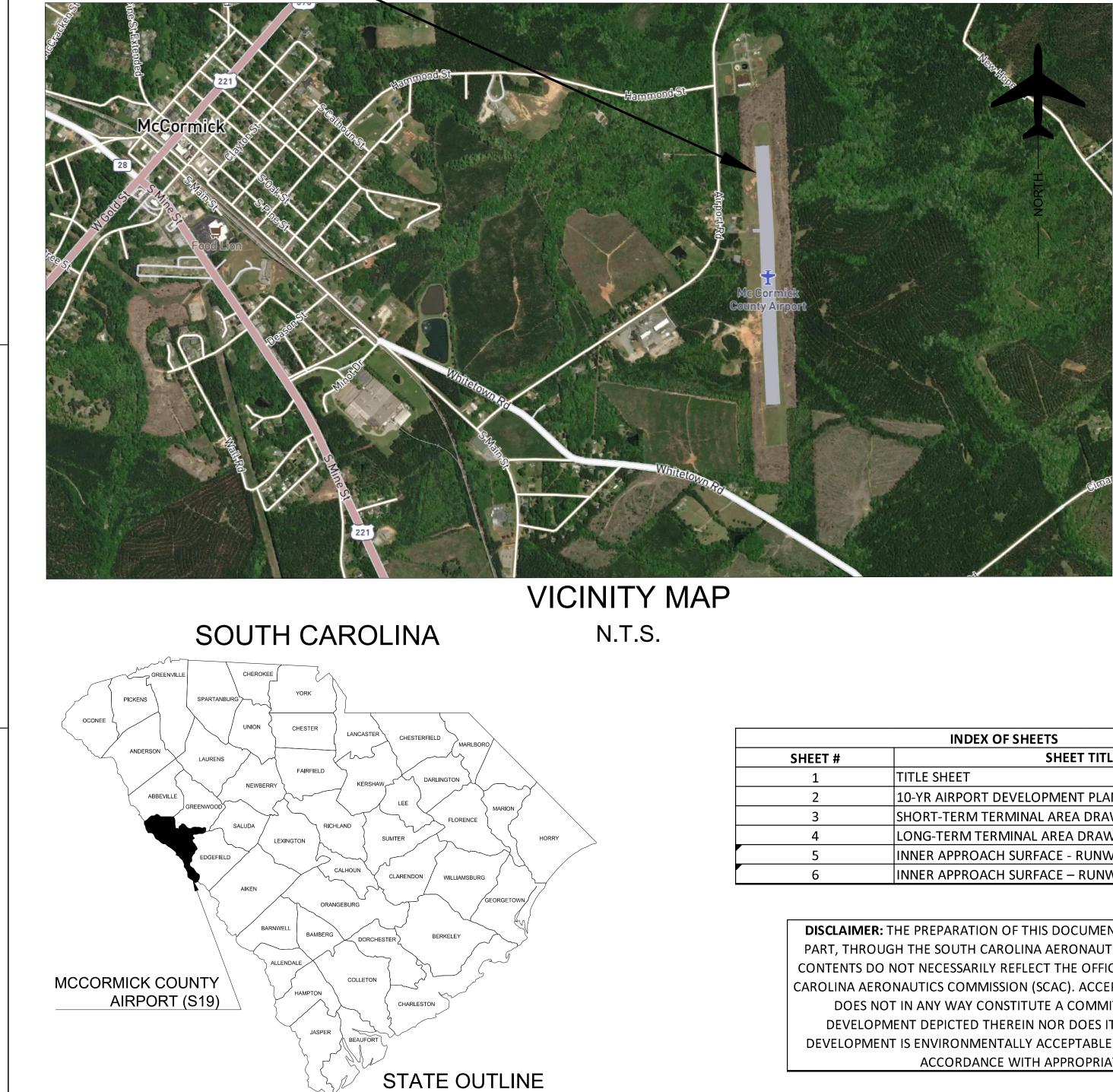
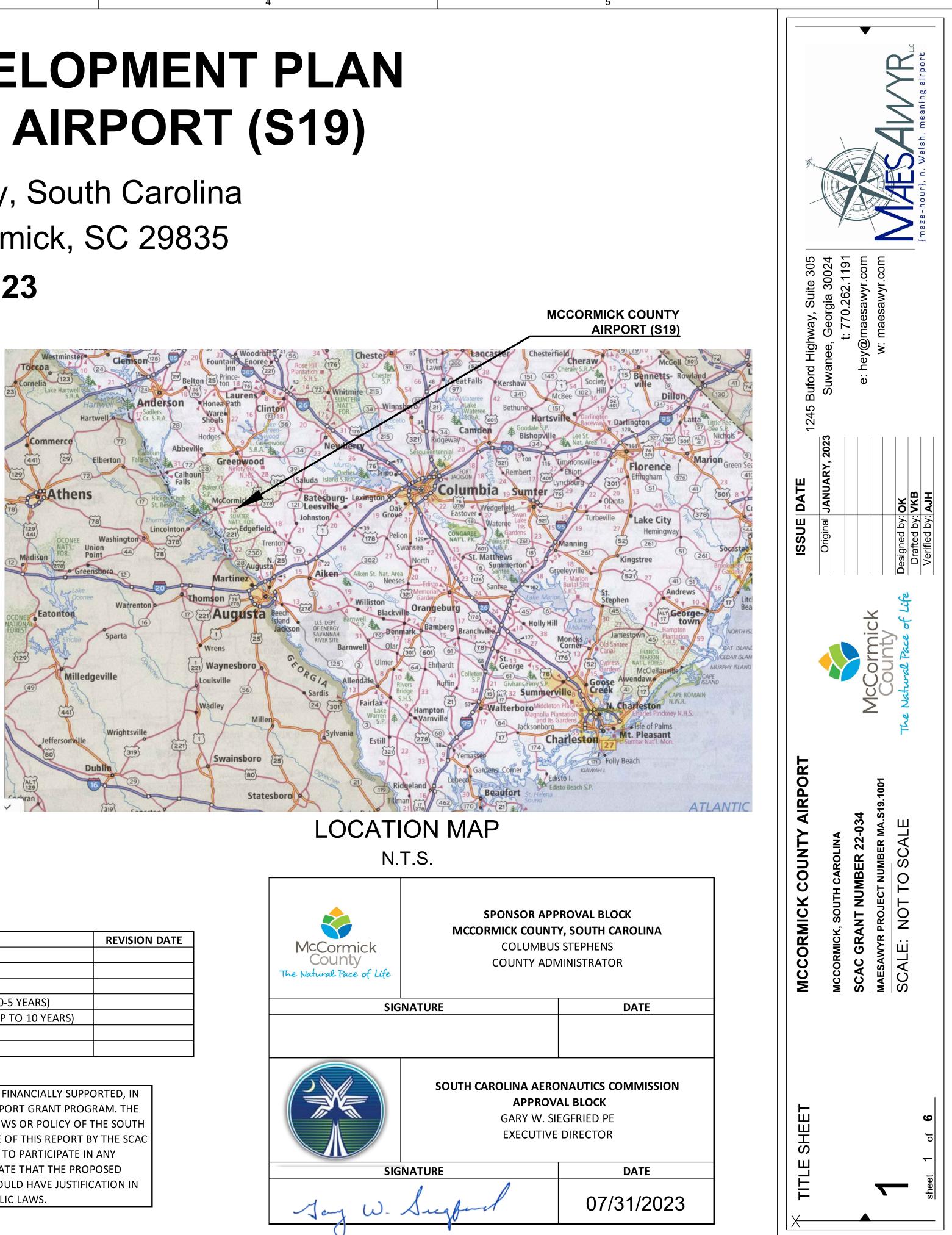
10-YEAR AIRPORT DEVELOPMENT PLAN MCCORMICK COUNTY AIRPORT (S19)

Sponsor: McCormick County, South Carolina 610 South Mine St., McCormick, SC 29835 **JANUARY 2023**

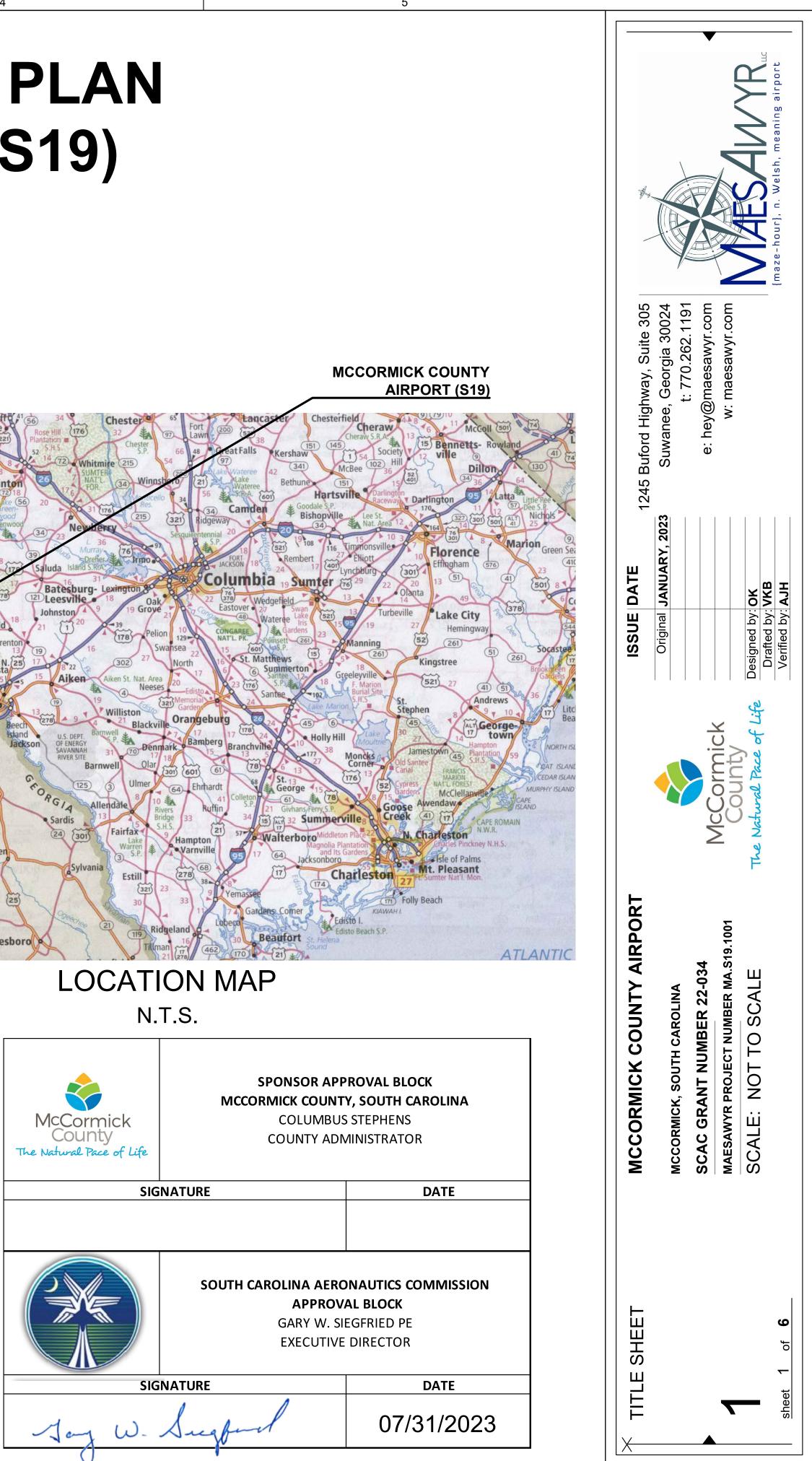
MCCORMICK COUNTY AIRPORT (S19)

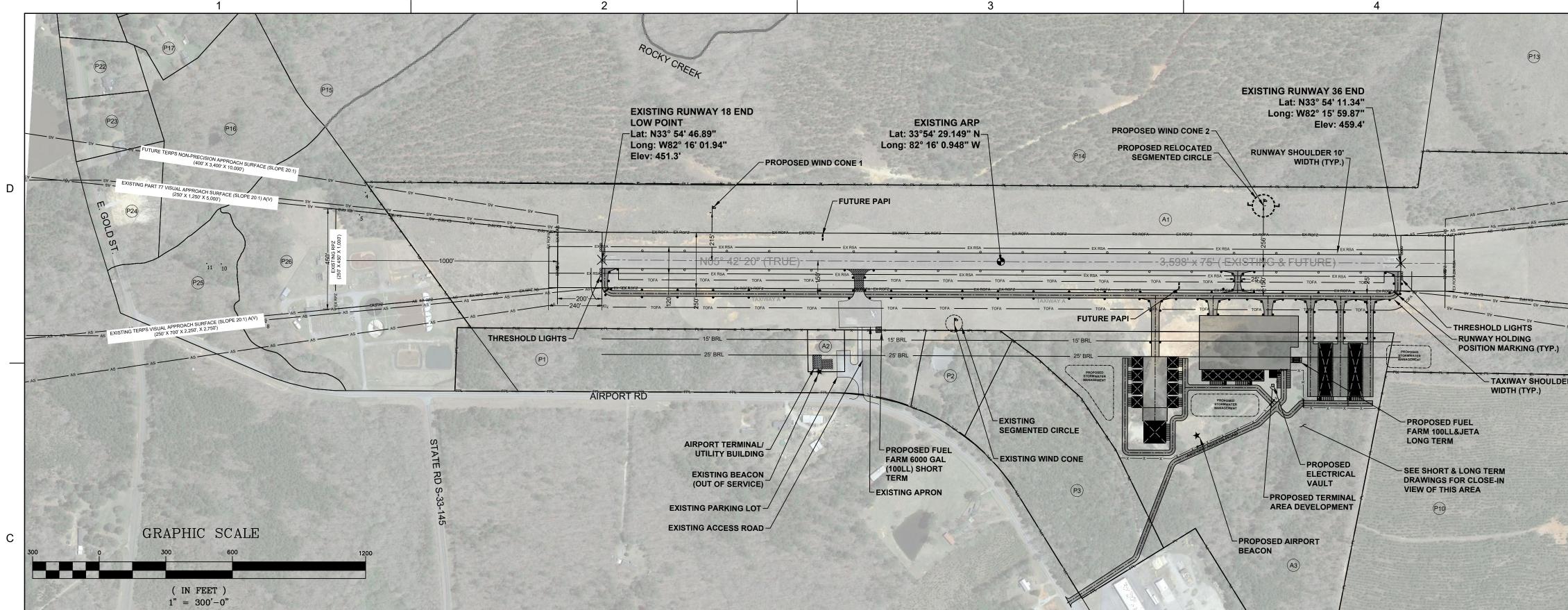




	REVISION DATE	
ET #	SHEET TITLE	
	TITLE SHEET	
	10-YR AIRPORT DEVELOPMENT PLAN	
	SHORT-TERM TERMINAL AREA DRAWING (0-5 YEARS)	
	LONG-TERM TERMINAL AREA DRAWING (UP TO 10 YEARS)	
1	INNER APPROACH SURFACE - RUNWAY 18	
	INNER APPROACH SURFACE – RUNWAY 36	

DISCLAIMER: THE PREPARATION OF THIS DOCUMENT WAS FINANCIALLY SUPPORTED, IN PART, THROUGH THE SOUTH CAROLINA AERONAUTICS AIRPORT GRANT PROGRAM. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE SOUTH CAROLINA AERONAUTICS COMMISSION (SCAC). ACCEPTANCE OF THIS REPORT BY THE SCAC DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE OR WOULD HAVE JUSTIFICATION IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.





AIRPORT	DATA TABLE		
DESCRIPTION	1	EXISTING	
FAA AIRPORT IDENTIFIER		S19	
	RUN	IWAY 18/36	
AIRPORT REFERENCE CODE		A-I Small	
AIRPORT ELEVATION	4	59.4' MSL	
AIRPORT REFERENCE POINT	33° 5	54' 29.149" N	
(LAT/LONG)	82°	16' 0.948" W	
MEAN MAX TEMPERATURE (JULY)	92.3°F		
MAGNETIC DECLINATION	6° 49' W (2022)		
CRITICAL AIRCRAFT	Ce	ssna C-172	
AIRPORT&TERMINAL NAVAIDS	LIGHTED WIN	ID CONE, SEG. CIRCLE	
STATE SERVICE ROLE	SCIV RECREATION/LOCAL		
NPIAS SERVICE LEVEL	NON-NPIAS		
TAXI	NAY DATA TABLE		
DESCRIPTION	EXISTING	FUTURE	
AIRPLANE DESIGN GROUP			

I							
в	TAXWAY NAME	NONE	А	A1	A2	A3	
۲ I	TAXIWAY TYPE	STUB	PARALLEL	l stub stub s ⁻		STUB	
	TAXIWAY DESIGN GROUP	TDG-1A, 1B	TDG-1A, 1B				
TAXIWAY WIDTH 35' 25'				25'			
	TAXIWAY SHOULDER WIDTH	15'	10'				
	TAXIWAY AND TAXILANE SAFETY AREA 49' 79'						
	TAXIWAY/TAXILANE OBJECT FREE AREA	89'	<u>124'</u> 62'				
	TAXIWAY TO OBJECT	44.5'					
	TAXILANE TO OBJECT	39.5'		55'			
	TAXIWAY LIGHTING	NONE		MITI	-		

	RUNWA	Y DATA TABLE			
DESCRIPTION	EXISTING		FUTURE		
	RUNWAY 18/36				
RUNWAY LENGTH	3,5	98'	3,59	98'	
RUNWAY WIDTH	7	5'	75	5'	
EFFECTIVE GRADIENT	0.22	25%	0.225%		
RUNWAY SURFACE TYPE	ASPI	HALT	ASPHALT		
RUNWAY CONDITION	PO	OR	GO	OD	
PAVEMENT LOADING	12,500 LB S	NL - UTILITY	12,500 LB SV	VL - UTILITY	
RUNWAY DESIGN CODE	A-I-	VIS	A-I-5000		
RUNWAY REFERENCE CODE	n/a ¹		A-I-5000		
RUNWAY LIGHTING	NO	NE	MIRL		
RUNWAY MARKING	VIS	UAL	NON-PRECISION		
	RUNWAY 18	RUNWAY 36	RUNWAY 18	RUNWAY 36	
TORA	3,598'	3,598'	3,598'	3,598'	
TODA	3,598'	3,598'	3,598'	3,598'	
ASDA	3,598'	3,598'	3,598'	3,598'	
LDA	3,598'	3,598'	3,598'	3,598'	
RUNWAY END COORDINATES	33°54'46.894"N	33°54'11.342"N	33°54'46.894"N	33°54'11.342"N	
(5010)	82°16'01.935"W	82°15'59.872"W	82°16'01.935"W	82°15'59.872"W	
RUNWAY END ELEVATION (5010)	451.3'	459.4'	451.3'	459.4'	
APPROACH TYPE	VISUAL		RNAV(GPS)		
FAR PART 77 CATEGORY	A(V)		A(NP)		
APPROACH VISIBILITY MINIMUMS	S VISUAL 1 MILE		ILE		
APPROACH SLOPE (TERPS) ²	20:1		20:1		
APPROACH SLOPE (PART 77)	20:1 20:1			:1	

RUNWAY DATA TABLE NOTES: 1. S19 DOES NOT HAVE A PARALLEL TAXIWAY AND THIS STANDARD IS NOT APPLICABLE

STIP DOES NOT HAVE A FARALLEL TAXIVIAT AND THIS STANDARD IS NOT AFFLICABLE
FOR APPROACH SLOPE OBSTRUCTIONS SEE INNER APPROACH SURFACE SHEETS.

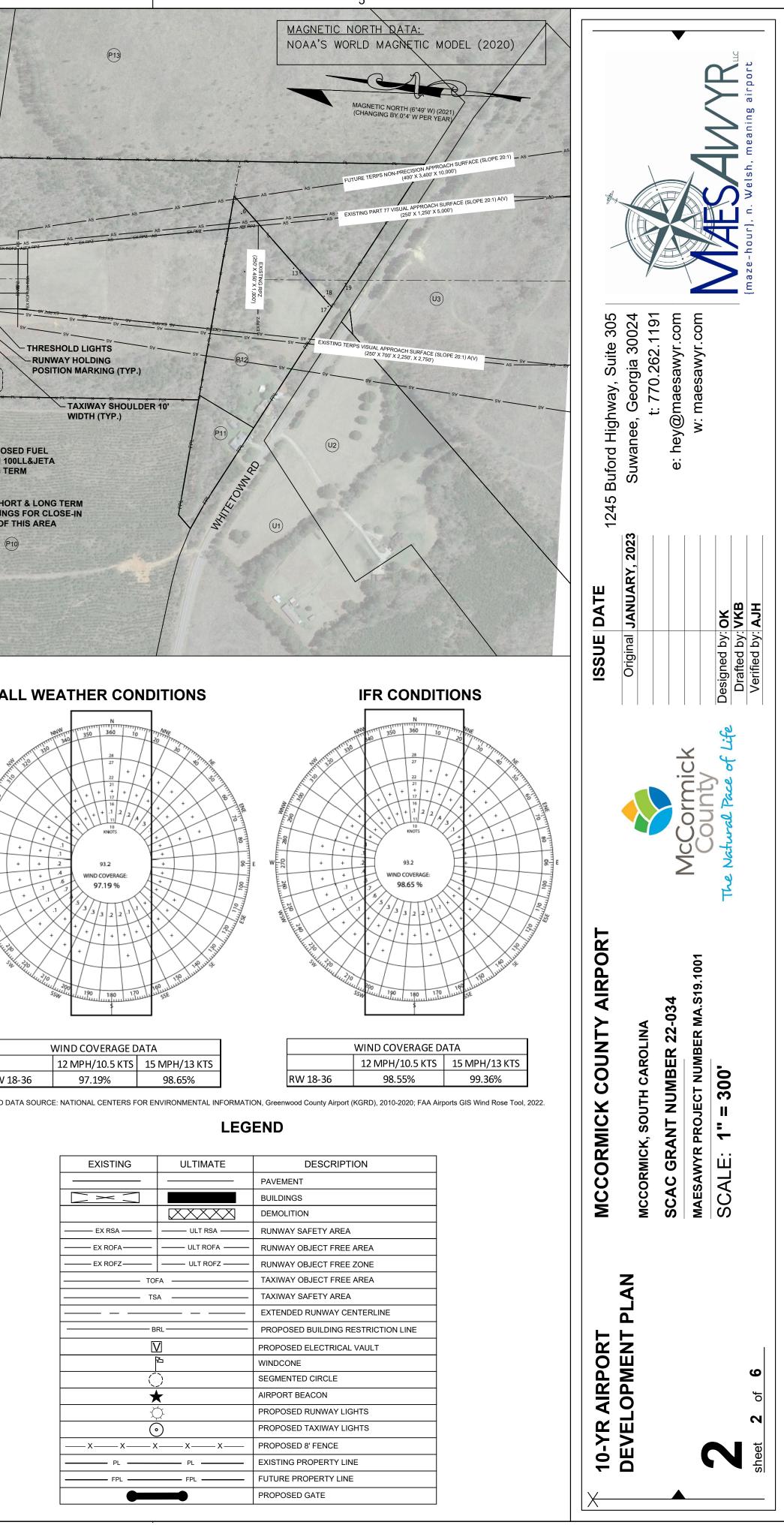
RUNWAY DESIGN STANDARDS TABLE						
DESCRIPTION	EXISTING ¹		STANDARD		FUTURE ²	
	RUNWAY 18	RUNWAY 36	RUNWAY 18	RUNWAY 36	RUNWAY 18	RUNWAY 36
RUNWAY OBJECT FREE AREA (ROFA	.)					
LENGTH BEYOND DEPARTURE END	240'	240'	240'	240'	240'	240'
LENGTH PRIOR TO THRESHOLD	240'	240'	240'	240'	240'	240'
WIDTH	195'	195'	250'	250'	250'	250'
RUNWAY OBSTACLE FREE ZONE (RC	OFZ)					
LENGTH BEYOND RUNWAY END	200'	200'	200'	200'	200'	200'
WIDTH	195'	195'	250'	250'	250'	250'
RUNWAY SAFETY AREA (RSA)			_	_	_	_
LENGTH BEYOND DEPARTURE END	240'	240'	240'	240'	240'	240'
LENGTH PRIOR TO THRESHOLD	240'	240'	240'	240'	240'	240'
WIDTH	110'	110'	120'	120'	120'	120'
RUNWAY PROTECTION ZONE (RPZ)						
LENGTH	480'	1000'	1000'	1000'	480' ³	1000'
WIDTH INNER	250'	250'	250'	250'	250' ³	250'
WIDTH OUTER	350'	450'	450'	450'	350' ³	450'

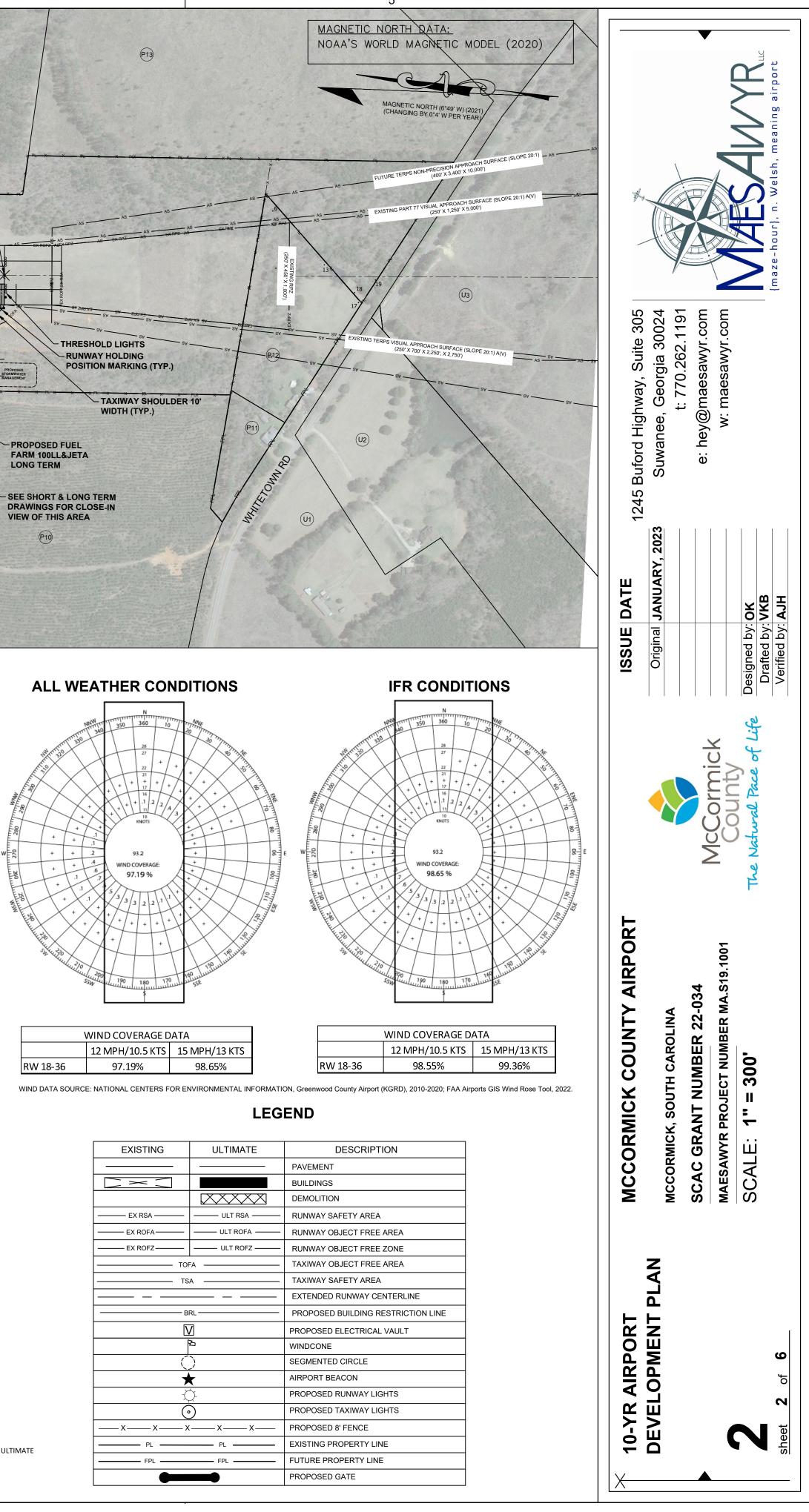
RUNWAY DESIGN STANDARDS TABLE NOTES: 1. DIMENSIONS WITH RESPECT TO THE EXISTING DEFICIENCIES

2. EXPECTED AFTER THE COMPLETION OF A GRADING PROJECT IN 2025

3. RPZ WILL REMAIN DEFICIENT DUE TO PRESENCE OF A WASTEWATER TREAMENT FACILITY

MCCORMICK COUNTY AIRPORT - PROPERTIES OWNED						
Parcel ID	Date	Grantor	Acreage	Parcel ID		
A1	1/1/1900	COUNTY OF MCCORMICK	97.04	151-00-00-037		
A2	6/13/1982	COUNTY OF MCCORMICK	0.744	151-00-00-039		
A3	10/31/1983	COUNTY OF MCCORMICK	33.77	151-00-00-042		
A4		COUNTY OF MCCORMICK	1.21	151-00-00-074		
	MACCORN					
Damalup			1	1		
Parcel ID	Date	Grantor	Acerage	Parcel ID		
P1	7/23/2010	SPORTSWEAR UNLIMITED INC	12.52	151-00-00-038		
P2	9/15/2010	QUARBERG WAYNE R & DONNALEE	4.20	151-00-00-040		
P3	6/13/1982	CLARK HILL MANUFACTURING CO	11.10	151-00-00-041		
P10	8/21/2015	GWFS OF MCCORMICK LLC	39.3	139-00-00-022		
P11	2/10/2014	WILLIAMS JAMES M	1	152-00-00-022		
P12	4/8/2019	FULLER-CONROY CAROL A & FREDERICK	6.43	152-00-00-044		
P13	8/21/2015	GWFS OF MCCORMICK, LLC	36.78	139-00-00-053		
P14	2019/12/30	POLLARD LAND COMPANY INC	318.61	152-00-00-001		
P15	3/18/2011	C GARY DORN LLC	153	151-00-00-029		
P16	10/25/2000	PURDY DIANNE S	12.09	151-00-00-028		
P17	4/11/2018	SCRUGGS STEVE W	2.99	151-00-00-070		
P21	3/28/2019	CHANDLER-SOLAK HELEN CAROL	2.37	151-00-00-017		
P22	7/23/1973	SCRUGGS STEVEN W	2.1	151-00-00-015		
P23	10/21/2009	LAGROON H A & JULIA H MRS	2.38	151-00-00-014		
P24	10/7/2009	SEABROOK ESTHER P	3.8	151-00-00-013		
P25	11/13/1974	MCCORMICK TOWN OF	18.25	151-00-00-035		
P26	7/24/2005	MCCORMICK COMMISSIONERS OF	6.7	151-00-00-034		
U1	10/19/2007	JENNINGS BRENDA E	35.01	139-00-00-01		
U2	7/16/2010	MASTON DONNIELLE LELAND	35.63	139-00-00-050		
U3	8/21/2015	GWFS OF MCCORMICK LLC	134.94	152-00-00-002		
SOURCE: HTTP://THINKOPENGIS.MCCORMICK.SC.WTHTECHNOLOGY.COM AND MCCORMICK COUNTY ASSESSOR'S OFFICE						





WIND COVERAGE D			
	12 MPH/10.5 KTS	1	
RW 18-36	97.19%		

SHEET NOTES: 1. ALL ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL.

- 2. ALL LATITUDE AND LONGITUDE COORDINATES ARE NAD83/NAVD88.
- 3. BUILDING RESTRICTION LINE (15' BRL) ELEVATION IS 15' ABOVE RUNWAY ELEVATION.
- 4. BUILDING RESTRICTION LINE (25' BRL) ELEVATION IS 25' ABOVE RUNWAY ELEVATION.
- 5. ELEVATION AND FACILITY DATA: MAESAWYR (2022). IMAGERY: GOOGLE EARTH (2022).
- 6. THERE ARE NO EXISTING TAXIWAY DESIGNATIONS. TAXIWAY DESIGNATIONS SHOWN REFLECT ULTIMATE
- CONDITIONS. 7. RUNWAY EXTENSION ANALYSIS WILL BE CONDUCTED IN FURTHER PROJECTS.