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**CONWAY-HORRY COUNTY AIRPORT
 AIRPORT LAYOUT PLAN**
 CONWAY, SOUTH CAROLINA

REVISIONS

MAH PROJ. NO: 4055600-160019.01
 FEDERAL NO: Value
 LOC ID: HYW
 DATE: 9/18
 DESIGNED BY: AEF
 DRAWN BY: GAM
 CHECKED BY: SADW
DO NOT SCALE DRAWINGS
 SHEET CONTENTS
EXISTING AIRPORT LAYOUT PLAN
 SHEET NO.

SURVEY INFORMATION					
POINT	LATITUDE	LONGITUDE	EL.	STATION	OFFSET
NGS 1	33° 49' 57.94" N	79° 07' 09.84" W	32.1	102+20	176.7' L
NGS 2	33° 49' 56.56" N	79° 07' 10.86" W	31.3	101+02	103.7' L
PACS 1	33° 49' 48.54" N	79° 07' 16.76" W	31.1	91+50	98.5' L
SACS 1	33° 50' 00.71" N	79° 07' 07.80" W	32.4	105+94	105.0' L
SACS 2	33° 49' 31.67" N	79° 07' 29.18" W	30.7	71+50	89.6' L

RUNWAY DIMENSIONAL INFORMATION			
ABBR.	DESCRIPTION	RUNWAY	
		EXISTING	
		4	22
RWY	RUNWAY LENGTH	4,400'	4,400'
	RUNWAY WIDTH	75'	75'
	RUNWAY SHOULDER WIDTH	0'	0'
TDG	TAXIWAY DESIGN GROUP	2	2
TWY	TAXIWAY WIDTH	35'	40'
TLN	TAXILANE WIDTH	15'	N/A
TESM	TAXIWAY EDGE SAFETY MARGIN	7.5'	7.5'
	TAXIWAY SHOULDER WIDTH	15'	15'
TSA	TAXIWAY SAFETY AREA WIDTH	49'	49'
TOFA	TAXIWAY OBJECT FREE AREA WIDTH	89'	89'
	TAXILANE OBJECT FREE AREA WIDTH	115'	115'
	RWY CLINE TO TWY HOLD LINE	125'	125'
	RWY CLINE TO TWY CLINE	300'	200'
BRL	RWY CLINE TO BUILDING RESTRICTION LINE ²	495'	495'

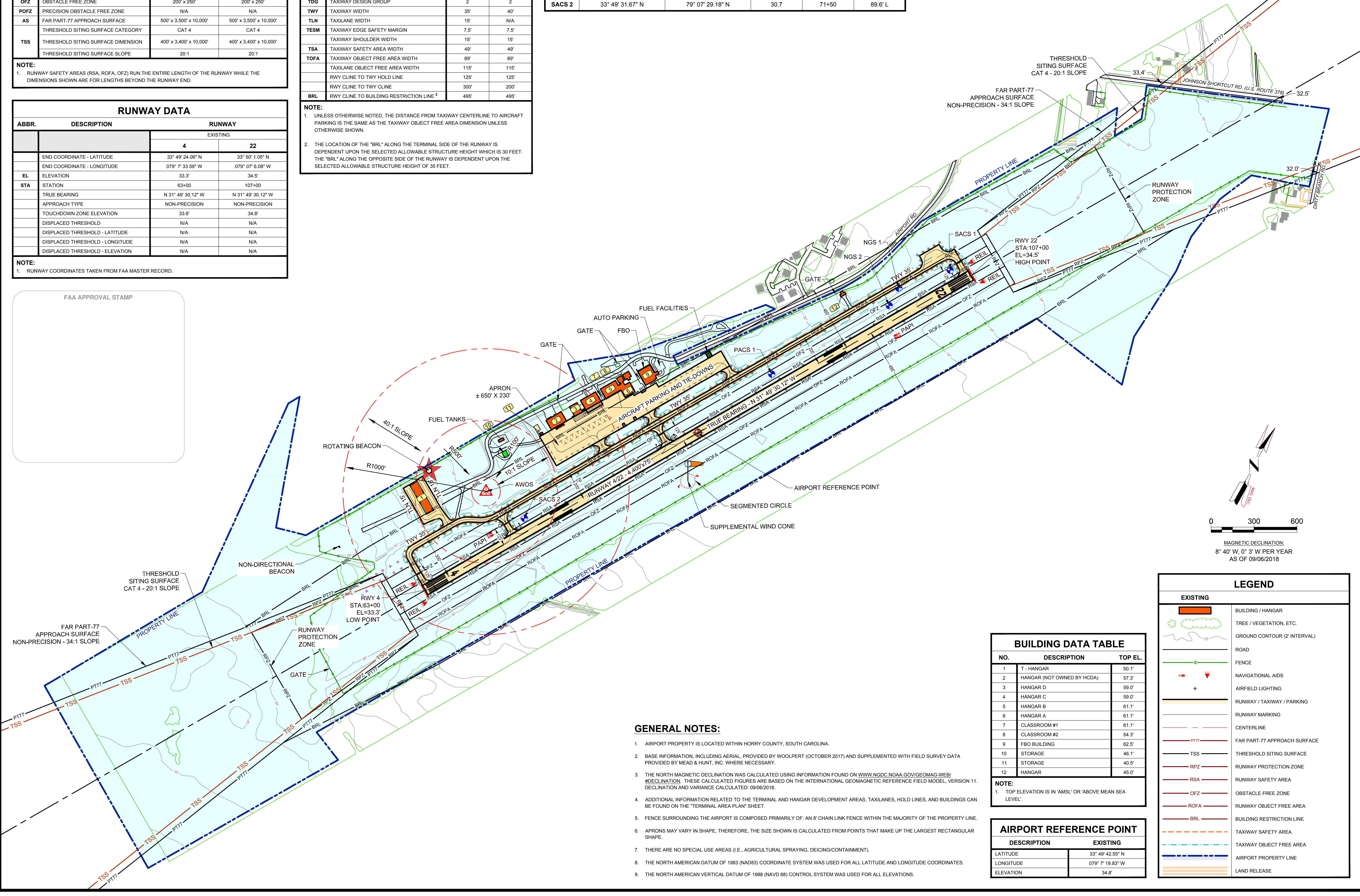
NOTE:
 1. UNLESS OTHERWISE NOTED, THE DISTANCE FROM TAXIWAY CENTERLINE TO AIRCRAFT PARKING IS THE SAME AS THE TAXIWAY OBJECT FREE AREA DIMENSION UNLESS OTHERWISE SHOWN.
 2. THE LOCATION OF THE "BRL" ALONG THE TERMINAL SIDE OF THE RUNWAY IS DEPENDENT UPON THE SELECTED ALLOWABLE STRUCTURE HEIGHT WHICH IS 30 FEET. THE "BRL" ALONG THE OPPOSITE SIDE OF THE RUNWAY IS DEPENDENT UPON THE SELECTED ALLOWABLE STRUCTURE HEIGHT OF 35 FEET.

RUNWAY SAFETY AREAS			
ABBR.	DESCRIPTION	RUNWAY	
		EXISTING	
		4	22
RPZ	RUNWAY PROTECTION ZONE	500' x 700' x 1,000'	500' x 700' x 1,000'
RSA	RUNWAY SAFETY AREA	240' x 120'	240' x 120'
ROFA	RUNWAY OBJECT FREE AREA	240' x 400'	240' x 400'
OFZ	OBSTACLE FREE ZONE	200' x 250'	200' x 250'
POFZ	PRECISION OBSTACLE FREE ZONE	N/A	N/A
AS	FAR PART-77 APPROACH SURFACE	500' x 3,500' x 10,000'	500' x 3,500' x 10,000'
	THRESHOLD SITING SURFACE CATEGORY	CAT 4	CAT 4
TSS	THRESHOLD SITING SURFACE DIMENSION	400' x 3,400' x 10,000'	400' x 3,400' x 10,000'
	THRESHOLD SITING SURFACE SLOPE	20:1	20:1

NOTE:
 1. RUNWAY SAFETY AREAS (RSA, ROFA, OFZ) RUN THE ENTIRE LENGTH OF THE RUNWAY WHILE THE DIMENSIONS SHOWN ARE FOR LENGTHS BEYOND THE RUNWAY END.

RUNWAY DATA			
ABBR.	DESCRIPTION	RUNWAY	
		EXISTING	
		4	22
	END COORDINATE - LATITUDE	33° 49' 24.06" N	33° 50' 1.05" N
	END COORDINATE - LONGITUDE	079° 7' 33.59" W	079° 07' 6.08" W
EL	ELEVATION	33.3'	34.5'
STA	STATION	63+00	107+00
	TRUE BEARING	N 31° 49' 30.12" W	N 31° 49' 30.12" W
	APPROACH TYPE	NON-PRECISION	NON-PRECISION
	TOUCHDOWN ZONE ELEVATION	33.6'	34.8'
	DISPLACED THRESHOLD	N/A	N/A
	DISPLACED THRESHOLD - LATITUDE	N/A	N/A
	DISPLACED THRESHOLD - LONGITUDE	N/A	N/A
	DISPLACED THRESHOLD - ELEVATION	N/A	N/A

NOTE:
 1. RUNWAY COORDINATES TAKEN FROM FAA MASTER RECORD.



BUILDING DATA TABLE		
NO.	DESCRIPTION	TOP EL.
1	T - HANGAR	50.1'
2	HANGAR (NOT OWNED BY HCDA)	57.3'
3	HANGAR D	59.0'
4	HANGAR C	59.0'
5	HANGAR B	61.1'
6	HANGAR A	61.1'
7	CLASSROOM #1	61.1'
8	CLASSROOM #2	54.3'
9	FBO BUILDING	62.5'
10	STORAGE	46.1'
11	STORAGE	40.5'
12	HANGAR	45.0'

NOTE:
 1. TOP ELEVATION IS IN 'AMSL' OR 'ABOVE MEAN SEA LEVEL'.

AIRPORT REFERENCE POINT	
DESCRIPTION	EXISTING
LATITUDE	33° 49' 42.55" N
LONGITUDE	079° 7' 19.83" W
ELEVATION	34.8'

LEGEND	
	BUILDING / HANGAR
	TREE / VEGETATION, ETC.
	GROUND CONTOUR (2' INTERVAL)
	ROAD
	FENCE
	NAVIGATIONAL AIDS
	AIRFIELD LIGHTING
	RUNWAY / TAXIWAY / PARKING
	RUNWAY MARKING
	CENTERLINE
	FAR PART-77 APPROACH SURFACE
	TSS
	THRESHOLD SITING SURFACE
	RPZ
	RUNWAY PROTECTION ZONE
	RSA
	RUNWAY SAFETY AREA
	OFZ
	OBSTACLE FREE ZONE
	ROFA
	RUNWAY OBJECT FREE AREA
	BRL
	BUILDING RESTRICTION LINE
	TAXIWAY SAFETY AREA
	TAXIWAY OBJECT FREE AREA
	AIRPORT PROPERTY LINE
	LAND RELEASE

- GENERAL NOTES:**
- AIRPORT PROPERTY IS LOCATED WITHIN HORRY COUNTY, SOUTH CAROLINA.
 - BASE INFORMATION, INCLUDING AERIAL, PROVIDED BY WOOLPERT (OCTOBER 2017) AND SUPPLEMENTED WITH FIELD SURVEY DATA PROVIDED BY MEAD & HUNT, INC. WHERE NECESSARY.
 - THE NORTH MAGNETIC DECLINATION WAS CALCULATED USING INFORMATION FOUND ON WWW.NGDC.NOAA.GOV/GEOMAG.WEB/DECLINATION. THESE CALCULATED FIGURES ARE BASED ON THE INTERNATIONAL GEOMAGNETIC REFERENCE FIELD MODEL, VERSION 11. DECLINATION AND VARIANCE CALCULATED: 09/06/2018.
 - ADDITIONAL INFORMATION RELATED TO THE TERMINAL AND HANGAR DEVELOPMENT AREAS, TAXILANES, HOLD LINES, AND BUILDINGS CAN BE FOUND ON THE "TERMINAL AREA PLAN" SHEET.
 - FENCE SURROUNDING THE AIRPORT IS COMPOSED PRIMARILY OF AN 8" CHAIN LINK FENCE WITHIN THE MAJORITY OF THE PROPERTY LINE.
 - APRONS MAY VARY IN SHAPE, THEREFORE, THE SIZE SHOWN IS CALCULATED FROM POINTS THAT MAKE UP THE LARGEST RECTANGULAR SHAPE.
 - THERE ARE NO SPECIAL USE AREAS (I.E., AGRICULTURAL SPRAYING, DEICING/CONTAINMENT).
 - THE NORTH AMERICAN DATUM OF 1983 (NAD83) COORDINATE SYSTEM WAS USED FOR ALL LATITUDE AND LONGITUDE COORDINATES.
 - THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) CONTROL SYSTEM WAS USED FOR ALL ELEVATIONS.

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