AIRPORT LAYOUT PLAN DRAWING SET

ANTONIO B. WON PAT INTERNATIONAL AIRPORT (GUM)

TAMUNING, 96913, GUAM

PREPARED FOR:

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

PREPARED BY:

AECOM

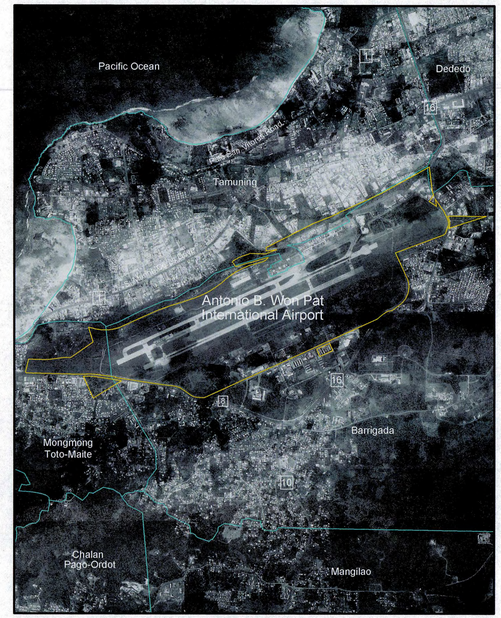
JUNE 2023



LOCATION MAP

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VICINITY MAP

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

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AIRPORT SPONSOR APPROVAL

Name: John M. Quinata

Title: Executive Manager

Signature:

Date: 10-08-24

FAA APPROVAL STAMP

NO ACTION

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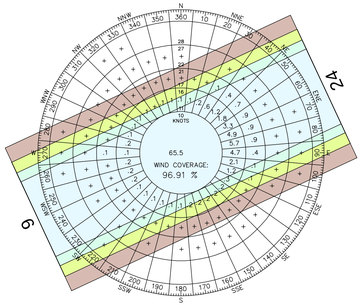
RUNWAY DATA

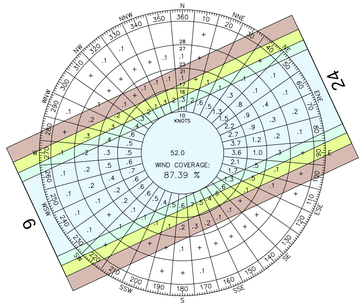
ITEM	RUNWAY 6L-24R		RUNWAY 6R-24L	
	EXISTING RUNWAY 6L	FUTURE RUNWAY 6L	EXISTING RUNWAY 24R	FUTURE RUNWAY 24R
RUNWAY DESIGN CODE (RDC)	D-V-2400	SAME	D-V-5000	SAME
APPROACH REFERENCE CODE (APRC)	D / V / 2400	SAME	D / V / 4000	SAME
DEPARTURE REFERENCE CODE (DPRC)	D / V	SAME	D / V	SAME
PAVEMENT STRENGTH (x 1000 lbs.)				
SINGLE WHEEL	135	SAME	135	SAME
DUAL WHEEL	235	SAME	235	SAME
DUAL TANDEM	390	SAME	390	SAME
DOUBLE DUAL TANDEM	780	SAME	780	SAME
PCN	69 / F / B / X / U	SAME	69 / F / B / X / U	SAME
SURFACE MATERIAL AND TREATMENT	ASPH-CONC-GRVD	SAME	ASPH-CONC-GRVD	SAME
EFFECTIVE RUNWAY GRADIENT (%)	0.5 UP	SAME	0.7 DOWN	SAME
MAXIMUM GRADE (%)	-	SAME	-	SAME
PERCENT (%) WIND COVERAGE				
ALL WEATHER	20 KNOTS-99.88%	SAME	20 KNOTS-99.88%	SAME
IFR	20 KNOTS-98.88%	SAME	20 KNOTS-98.88%	SAME
VFR	20 KNOTS-99.24%	SAME	20 KNOTS-99.24%	SAME
RUNWAY LENGTH	12,014'	SAME	12,014'	SAME
RUNWAY WIDTH	150'	SAME	150'	SAME
RUNWAY SHOULDER WIDTH	35'	SAME	35'	SAME
RUNWAY END COORDINATES (NAD 83)				
LATITUDE	13° 28' 39.86" N	SAME	13° 29' 30.30" N	SAME
LONGITUDE	144° 46' 53.15" E	SAME	144° 48' 43.45" E	SAME
RUNWAY END ELEVATION	233.7	SAME	305.0	SAME
DISPLACED THRESHOLD COORDINATES (NAD 83)				
LATITUDE	13° 28' 44.07" N	13° 28' 50.09" N	N / A	SAME
LONGITUDE	144° 47' 02.33" E	144° 47' 15.70" E	N / A	SAME
DISPLACED THRESHOLD ELEVATION	239.9	249.6	N / A	SAME
RUNWAY LIGHTING TYPE	HIRL	SAME	HIRL	SAME
RUNWAY MARKING TYPE	PRECISION	SAME	NON-PRECISION	SAME
FAR PART 77 CATEGORY-TYPE				
APPROACH SURFACE SLOPE	50:1	SAME	34:1	SAME
APPROACH TYPE	CAT I - ILS	SAME	RNAV (GPS) Y	SAME
LOWEST VISIBILITY MINIMUMS	300 - 1/2 SM	SAME	900 - 2 1/2 SM	SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED	VERTICALLY GUIDED	SAME	VERTICALLY GUIDED	SAME
RUNWAY DEPARTURE SURFACE	YES	SAME	YES	SAME
THRESHOLD SITING SURFACE (TSS)	34:1 (SURFACE 5) 30:1 (SURFACE 6)	SAME	20:1 (SURFACE 5) 30:1 (SURFACE 6)	SAME
VISUAL APPROACH AIDS	PAPI, MALSR	SAME	PAPI	SAME
INSTRUMENT APPROACH AIDS	LOC / DME, GS, VORTAC	SAME	NDB, VORTAC	SAME
TOUCHDOWN ZONE ELEVATION	252.6	260.5	305.0	SAME

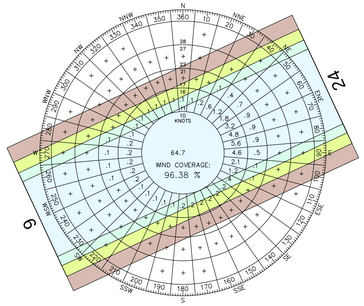
ITEM	RUNWAY 6R-24L	
	EXISTING RUNWAY 6R	FUTURE RUNWAY 6R
RUNWAY DESIGN CODE (RDC)	D-V-2400	SAME
APPROACH REFERENCE CODE (APRC)	D / V / 2400	SAME
DEPARTURE REFERENCE CODE (DPRC)	D / V	SAME
PAVEMENT STRENGTH (x 1000 lbs.)		
SINGLE WHEEL	135	SAME
DUAL WHEEL	235	SAME
DUAL TANDEM	390	SAME
DOUBLE DUAL TANDEM	780	SAME
PCN	69 / F / B / X / U	SAME
SURFACE MATERIAL AND TREATMENT	ASPH-CONC-GRVD	SAME
EFFECTIVE RUNWAY GRADIENT (%)	0.8 UP	SAME
MAXIMUM GRADE (%)	-	SAME
PERCENT (%) WIND COVERAGE		
ALL WEATHER	20 KNOTS-99.88%	SAME
IFR	20 KNOTS-98.88%	SAME
VFR	20 KNOTS-99.24%	SAME
RUNWAY LENGTH	10,014'	SAME
RUNWAY WIDTH	150'	SAME
RUNWAY SHOULDER WIDTH	35'	SAME
RUNWAY END COORDINATES (NAD 83)		
LATITUDE	13° 28' 37.77" N	SAME
LONGITUDE	144° 47' 05.33" E	SAME
RUNWAY END ELEVATION	231.0	SAME
DISPLACED THRESHOLD COORDINATES (NAD 83)		
LATITUDE	N / A	13° 28' 48.28" N
LONGITUDE	N / A	144° 47' 28.52" E
DISPLACED THRESHOLD ELEVATION	N / A	254.3
RUNWAY LIGHTING TYPE	HIRL	SAME
RUNWAY MARKING TYPE	PRECISION	SAME
FAR PART 77 CATEGORY-TYPE		
APPROACH SURFACE SLOPE	50:1	SAME
APPROACH TYPE	RNAV (RNP) Z	SAME
LOWEST VISIBILITY MINIMUMS	300 - 1/2 SM	SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED	VERTICALLY GUIDED	SAME
RUNWAY DEPARTURE SURFACE	YES	SAME
THRESHOLD SITING SURFACE (TSS)	34:1 (SURFACE 5) 30:1 (SURFACE 6)	SAME
VISUAL APPROACH AIDS	PAPI, MALSR	SAME
INSTRUMENT APPROACH AIDS	LOC / DME, GS, VORTAC	SAME
TOUCHDOWN ZONE ELEVATION	257.9	272.5

ITEM	RUNWAY 6R-24L	
	EXISTING RUNWAY 24L	FUTURE RUNWAY 24L
RUNWAY DESIGN CODE (RDC)	D-V-5000	SAME
APPROACH REFERENCE CODE (APRC)	D / V / 4000	SAME
DEPARTURE REFERENCE CODE (DPRC)	D / V	SAME
PAVEMENT STRENGTH (x 1000 lbs.)		
SINGLE WHEEL	135	SAME
DUAL WHEEL	235	SAME
DUAL TANDEM	390	SAME
DOUBLE DUAL TANDEM	780	SAME
PCN	69 / F / B / X / U	SAME
SURFACE MATERIAL AND TREATMENT	ASPH-CONC-GRVD	SAME
EFFECTIVE RUNWAY GRADIENT (%)	0.6 DOWN	SAME
MAXIMUM GRADE (%)	-	SAME
PERCENT (%) WIND COVERAGE		
ALL WEATHER	20 KNOTS-99.88%	SAME
IFR	20 KNOTS-98.88%	SAME
VFR	20 KNOTS-99.24%	SAME
RUNWAY LENGTH	10,014'	SAME
RUNWAY WIDTH	150'	SAME
RUNWAY SHOULDER WIDTH	35'	SAME
RUNWAY END COORDINATES (NAD 83)		
LATITUDE	13° 29' 19.82" N	SAME
LONGITUDE	144° 48' 37.28" E	SAME
RUNWAY END ELEVATION	301.0	SAME
DISPLACED THRESHOLD COORDINATES (NAD 83)		
LATITUDE	13° 29' 15.60" N	SAME
LONGITUDE	144° 48' 28.06" E	SAME
DISPLACED THRESHOLD ELEVATION	293.0	SAME
RUNWAY LIGHTING TYPE	HIRL	SAME
RUNWAY MARKING TYPE	NON-PRECISION	SAME
FAR PART 77 CATEGORY-TYPE		
APPROACH SURFACE SLOPE	34:1	SAME
APPROACH TYPE	RNAV (GPS) Y	SAME
LOWEST VISIBILITY MINIMUMS	900 - 2 3/4 SM	SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED	VERTICALLY GUIDED	SAME
RUNWAY DEPARTURE SURFACE	YES	SAME
THRESHOLD SITING SURFACE (TSS)	20:1 (SURFACE 5) 30:1 (SURFACE 6)	SAME
VISUAL APPROACH AIDS	PAPI	SAME
INSTRUMENT APPROACH AIDS	VORTAC	SAME
TOUCHDOWN ZONE ELEVATION	301.0	SAME

WIND ROSES







VFR

VFR WIND COVERAGE			
CROSSWIND COMPONENT	RUNWAY HEADING		
	6L-24R	6R-24L	TOTAL
10.5 knots	96.57%	96.57%	96.57%
13 knots	98.57%	98.57%	98.57%
16 knots	99.73%	99.73%	99.73%
20 knots	99.94%	99.94%	99.94%

IFR

IFR WIND COVERAGE			
CROSSWIND COMPONENT	RUNWAY HEADING		
	6L-24R	6R-24L	TOTAL
10.5 knots	86.64%	86.64%	86.64%
13 knots	92.67%	92.67%	92.67%
16 knots	96.99%	96.99%	96.99%
20 knots	98.88%	98.88%	98.88%

ALL WEATHER

ALL-WEATHER WIND COVERAGE			
CROSSWIND COMPONENT	RUNWAY HEADING		
	6L-24R	6R-24L	TOTAL
10.5 knots	96.01%	96.01%	96.01%
13 knots	98.24%	98.24%	98.24%
16 knots	99.57%	99.57%	99.57%
20 knots	99.88%	99.88%	99.88%

Data Source :	FAA's Airport Data and Information Portal
Period of Record :	2013 - 2022
No. of Observations :	157,193
Station :	912120 Guam International Airport

NOTES:

1. ALL ELEVATIONS ARE IN FEET (MSL).
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B).
3. PLANIMETRICS ARE BASED ON AERIAL MAPPING PRODUCED BY NV5, 2022 PHOTOGRAPHY
4. OBSTRUCTION DATA SURVEYED BY NV5, 2022 SURVEY.
5. MEAN MAX TEMPERATURE AND AIRPORT MAGNETIC VARIATION DATA FROM NOAA.
6. WIND ROSE DATA DEVELOPED USING FAA AIRPORT DATA AND INFORMATION PORTAL.
7. SOURCE FOR LOWEST VISIBILITY MINIMUMS: AIRNAV.COM INSTRUMENT APPROACH PLATES, 23 FEBRUARY 2023 TO 20 APRIL 2023.
8. RUNWAY END AND DISPLACED THRESHOLD COORDINATES AND ELEVATIONS PROVIDED BY NV5, 2022.

AIRPORT DATA

ANTONIO B. WON PAT INTERNATIONAL AIRPORT (GUM)

CITY: TAMUNING, 96913, GUAM

DESCRIPTION	EXISTING	PROPOSED
AIRPORT REFERENCE CODE (ARC)	D-V	SAME
MEAN MAX. TEMP. HOTTEST MONTH	84.27° (JUNE)	SAME
AIRPORT ELEVATION (NAVD 88/ABOVE MSL)	305.0	SAME
AIRPORT NAVIGATIONAL AIDS	PAPI, MALSR, LOC / DME, GS, VORTAC, NDB, BEACON	SAME
AIRPORT REFERENCE POINT (A.R.P.) COORDINATES (NAD 83)	LAT: 13° 29' 02.22" N LONG: 144° 47' 49.66" E	SAME
MISCELLANEOUS FACILITIES	ATCT, ASOS, WIND CONES	SAME
CRITICAL DESIGN AIRCRAFT	D-V: B777-300ER	SAME
AIRPORT MAGNETIC VARIATION AND DATE	9° 23' EAST CHANGING BY 0° 1' WEST / YEAR (JAN. 2023)	SAME
NPIAS SERVICE LEVEL	PRIMARY: NON-HUB	SAME
STATE EQUIVALENCE ROLE	N / A	SAME

EXISTING / FUTURE RUNWAY PROTECTION ZONE TABLE

RUNWAY THRESHOLD	APPROACH RPZ			DEPARTURE RPZ		
	LENGTH	INNER WIDTH	OUTER WIDTH	LENGTH	INNER WIDTH	OUTER WIDTH
RUNWAY 6L	2,500'	1,000'	1,750'	1,700'	500'	1,010'
RUNWAY 24R	1,700'	500'	1,010'	1,700'	500'	1,010'
RUNWAY 6R	2,500'	1,000'	1,750'	1,700'	500'	1,010'
RUNWAY 24L	1,700'	500'	1,010'	1,700'	500'	1,010'

EXISTING DECLARED DISTANCES

RUNWAY END	TORA	TODA	ASDA	LDA
EXISTING RUNWAY 6L	12,014'	12,014'	12,014'	11,014'
EXISTING RUNWAY 24R	12,014'	12,014'	12,014'	12,014'
EXISTING RUNWAY 6R	10,014'	10,014'	10,014'	10,014'
EXISTING RUNWAY 24L	9,714'	9,714'	9,714'	8,710'

FUTURE DECLARED DISTANCES

RUNWAY END	TORA	TODA	ASDA	LDA
FUTURE RUNWAY 6L	12,014'	12,014'	12,014'	9,556'
FUTURE RUNWAY 24R	10,898'	12,014'	11,916'	11,916'
FUTURE RUNWAY 6R	10,014'	10,014'	10,014'	7,486'
FUTURE RUNWAY 24L	8,857'	10,014'	9,822'	8,818'

TERMINOLOGY LEGEND

ADG	AIRPLANE DESIGN GROUP
APV	APPROACH PROCEDURE WITH VERTICAL GUIDANCE
ARFF	AIRPORT RESCUE FIRE FIGHTING
ARP	AIRPORT REFERENCE POINT
ASDA	ACCELERATE STOP DISTANCE AVAILABLE
ASR	AIRPORT SURVEILLANCE RADAR
ASOS	AUTOMATED SURFACE OBSERVATION SYSTEM
ATCT	AIRPORT TRAFFIC CONTROL TOWER
BRL	BUILDING RESTRICTION LINE
CAT	CATEGORY
DME	DISTANCE MEASURING EQUIPMENT
EL	ELEVATION
GA	GENERAL AVIATION
GS	GLIDE SLOPE
HIRL	HIGH INTENSITY RUNWAY LIGHTS
HITL	HIGH INTENSITY TAXIWAY LIGHTS
IA-OFZ	INNER-APPROACH OBSTACLE FREE ZONE
IFR	INSTRUMENT FLIGHT RULES
ILS	INSTRUMENT LANDING SYSTEM
IT-OFZ	INNER-TRANSITIONAL OBSTACLE FREE ZONE
LOC	LOCALIZER
LDA	LANDING DISTANCE AVAILABLE
LNAV	LATERAL NAVIGATION
LPV	LOCALIZER PERFORMANCE WITH VERTICAL GUIDANCE
MALSR	MEDIUM INTENSITY APPROACH LIGHT SYSTEM - INCLUDING RW ALIGNMENT INDICATOR LIGHTS
MITL	MEDIUM INTENSITY TAXIWAY LIGHTS
NDB	NON-DIRECTIONAL BEACON
OFA	OBJECT FREE AREA
OFZ	OBSTACLE FREE ZONE
PAPI	PRECISION APPROACH PATH INDICATOR
POFZ	PRECISION OBSTACLE FREE ZONE
RDC	RUNWAY DESIGN CODE
REIL	RUNWAY END IDENTIFIER LIGHTS
RNAV	AREA NAVIGATION
RNP	REQUIRED NAVIGATION PERFORMANCE
ROFA	RUNWAY OBJECT FREE AREA
ROFZ	RUNWAY OBSTACLE FREE ZONE
RPZ	RUNWAY PROTECTION ZONE
RSA	RUNWAY SAFETY AREA
SM	STATUTE MILE
TDG	TAXIWAY DESIGN GROUP
TDZE	TOUCHDOWN ZONE ELEVATION
TL	TAXILANE
TODA	TAKE-OFF DISTANCE AVAILABLE
TORA	TAKE-OFF RUN AVAILABLE
TW	TAXIWAY
VFR	VISUAL FLIGHT RULES
VORTAC	VERY HIGH FREQUENCY (VHF) OMNIDIRECTIONAL RANGE WITH TACTICAL AIR NAVIGATION

AIRFIELD TAXIWAY SYSTEM

TAXIWAY / TAXILANE NAME	WIDTH (FT)	EDGE LIGHTING	CENTERLINE LIGHTING	AIRPLANE DESIGN GROUP	TAXIWAY DESIGN GROUP	TAXIWAY SAFETY AREA	TAXIWAY OBJECT FREE AREA	TAXIWAY EDGE SAFETY MARGIN	TAXIWAY SHOULDER WIDTH
A (BETWEEN RW 6L-24R & TW K)	150	HITL	N / A	V	6	214'	285'	14'	35'
A (BETWEEN RW 6L-24R & RW 6R-24L)	150	HITL	N / A	V	6	214'	285'	14'	35'
B (BETWEEN RW 6L-24R & RW 6R-24L)	75	HITL	N / A	V	6	214'	285'	14'	0'
C	125	HITL	N / A	V	6	214'	285'	14'	30'
D (BETWEEN RW 6L-24R & TW K)	125	HITL	N / A	V	6	214'	285'	14'	30'
D (BETWEEN RW 6L-24R & RW 6R-24L)	75	HITL	N / A	V	6	214'	285'	14'	0'
D (BETWEEN RW 6R-24L & S. APRON)	75	HITL	N / A	V	6	214'	285'	14'	0'
E (BETWEEN RW 6L-24R & TW K)	125	HITL	N / A	V	6	214'	285'	14'	30'
E (BETWEEN RW 6L-24R & RW 6R-24L)	75	HITL	N / A	V	6	214'	285'	14'	0'
E (BETWEEN RW 6R-24L & S. APRON)	75	HITL	N / A	V	6	214'	285'	14'	0'
F	115	HITL	N / A	V	6	214'	285'	14'	115'
G (BETWEEN RW 6L-24R & TW K)	115	HITL	N / A	V	6	214'	285'	14'	30'
G (BETWEEN RW 6L-24R & RW 6R-24L)	150	HITL	N / A	V	6	214'	285'	14'	0'
G (BETWEEN RW 6R-24L & S. APRON)	75	HITL	N / A	V	6	214'	285'	14'	0'
J (BETWEEN RW 6L-24R & TL K)	75	HITL	(SEE NOTE 1)	V	6	214'	285'	14'	35'
J (BETWEEN RW 6L-24R & RW 6R-24L)	150	HITL	N / A	V	6	214'	285'	14'	0'
K	75	HITL	N / A	V	6	214'	285'	14'	35'
TL K	75	HITL	(SEE NOTE 2)	V	6	214'	270'	14'	35'
TL L (EAST OF THE EAST END OF TERMINAL)	75	HITL	(SEE NOTE 3)	V	6	214'	270'	14'	100'
TL L (NORTH OF THE EAST END OF TERMINAL)	75	HITL	(SEE NOTE 3)	IV	4	171'	224'	10'	25'
TL (SOUTH APRON EAST)	75	HITL	N / A	V	6	214'	270'	N / A	N / A
TL (SOUTH APRON WEST)	50	HITL	N / A	III	3	118'	158'	N / A	N / A

NOTES:

1. TAXIWAY J HAS HITL CENTERLINE LIGHTS FROM NORTH HOLDLINE AROUND TO THE WEST TO TAXILANE K.
2. TAXILANE K HAS HITL CENTERLINE LIGHTS FROM GATE 14 EXTENDING EAST AND AROUND TO THE NORTH TO TAXILANE L.
3. TAXILANE L HAS HITL CENTERLINE LIGHTS FROM THE SOUTH INTERSECTION OF TAXILANE K TO THE NORTH AND TURNING TO THE WEST ALONG THE CONTINUANCE OF TAXILANE L TO GATE 13.

RUNWAY SAFETY AREA DIMENSIONS

ITEM	RUNWAY 6L-24R				RUNWAY 6R-24L			
	EXISTING RUNWAY 6L	FUTURE RUNWAY 6L	EXISTING RUNWAY 24R	FUTURE RUNWAY 24R	EXISTING RUNWAY 6R	FUTURE RUNWAY 6R	EXISTING RUNWAY 24L	FUTURE RUNWAY 24L
RUNWAY SAFETY AREA (RSA)								
LENGTH	1,000'	SAME	1,000'	SAME	700'	1,000'	1,000'	SAME
WIDTH	500'	SAME	500'	SAME	500'	SAME	500'	SAME
RUNWAY OBJECT FREE AREA (ROFA)								
LENGTH	1,000'	SAME	1,000'	SAME	1,000'	SAME	1,000'	SAME
WIDTH	800'	SAME	800'	SAME	800'	SAME	800'	SAME
RUNWAY OBSTACLE FREE ZONE (ROFZ)								
LENGTH	200'	SAME	200'	SAME	200'	SAME	200'	SAME
WIDTH	400'	SAME	400'	SAME	400'	SAME	400'	SAME
INNER-APPROACH OBSTACLE FREE ZONE (IA-OFZ)								
LENGTH	2,402'	2,400'	N / A	SAME	2,598'	2,400'	N / A	SAME
WIDTH	400'	SAME	N / A	SAME	400'	SAME	N / A	SAME
INNER-TRANSITIONAL OBSTACLE FREE ZONE (IT-OFZ)	YES	SAME	NO	SAME	YES	SAME	NO	SAME
PRECISION OBSTACLE FREE ZONE (POFZ)								
LENGTH	200'	SAME	N / A	SAME	200'	SAME	N / A	SAME
WIDTH	800'	SAME	N / A	SAME	800'	SAME	N / A	SAME

MODIFICATION TO FAA STANDARDS

NUMBER	REQUEST	AIRSPACE CASE NUMBER	DATE SUBMITTED	FAA APPROVAL DATE	EXPIRATION DATE OF FAA APPROVAL	DESCRIPTION / STANDARD TO BE MODIFIED
1	RUNWAY 6L / 24R GROUP VI RUNWAY WIDTH & BLAST PAD WIDTH, AC 150 / 5300-13A, CHANGE 1, AIRPORT DESIGN, TABLE 3-5	2018-AWP-2409-NRA	MARCH 8, 2018	OCTOBER 31, 2018	CONDITIONALLY APPROVED	UNDER THIS MODIFICATION OF STANDARDS, THE RUNWAY WILL BE USED FOR LANDING AND DEPARTURE WITHOUT CAUSING FOD ISSUES. THE EXISTING LENGTH OF THE BLAST PAD MEETS THE MINIMUM STANDARD OF 400 FEET, PER ENGINEERING BRIEF NO. 74A, USE OF 150-FOOT WIDE RUNWAYS AND BLAST PADS FOR B747-8 OPERATIONS. THE 35-FOOT STANDARD STABILIZED RUNWAY SHOULDER WIDTH NEED NOT BE INCREASED TO THE AIRPLANE DESIGN GROUP VI STANDARD OF 40 FEET AND THE 220 FEET STANDARD BLAST PAD WIDTH NEED NOT BE INCREASED TO THE AIRPLANE DESIGN GROUP STANDARD OF 280 FEET. RUNWAY 24R AND TAXIWAY J INTERSECTION TAKEOFF DISTANCE IS 11,053 FEET.
2	RUNWAY 6R / 24L GROUP VI RUNWAY WIDTH & BLAST PAD WIDTH, AC 150 / 5300-13A, CHANGE 1, AIRPORT DESIGN, TABLE 3-5	2018-AWP-2409-NRA	MARCH 8, 2018	OCTOBER 31, 2018	CONDITIONALLY APPROVED	UNDER THIS MODIFICATION OF STANDARDS, THE RUNWAY WILL BE USED FOR LANDING AND DEPARTURE WITHOUT CAUSING FOD ISSUES. THE EXISTING LENGTH OF THE BLAST PAD MEETS THE MINIMUM STANDARD OF 400 FEET, PER ENGINEERING BRIEF NO. 74A, USE OF 150-FOOT WIDE RUNWAYS AND BLAST PADS FOR B747-8 OPERATIONS. THE 35 FEET STANDARD STABILIZED RUNWAY SHOULDER WIDTH NEED NOT BE INCREASED TO THE AIRPLANE DESIGN GROUP VI STANDARD OF 40 FEET AND THE 220 FEET STANDARD BLAST PAD WIDTH NEED NOT BE INCREASED TO THE AIRPLANE DESIGN GROUP STANDARD OF 280 FEET.
3	TAXIWAY OBJECT FREE AREA, TAXIWAY WINGTIP CLEARANCE, AC 150/5300-13A, CHANGE 1, AIRPORT DESIGN, FIGURE 4-8, 4-9, 4-10 & TABLE 4-1	2018-AWP-2410-NRA	JUNE 26, 2018	OCTOBER 31, 2018	CONDITIONALLY APPROVED	IN THIS MODIFICATION OF STANDARDS, PART OF TAXIWAY K IN FRONT OF THE APRON, THIS CONDITION IS SIMILAR TO TAXILANE L REQUIREMENT AND THEREFORE THE WINGTIP CLEARANCE CAN BE 35 FEET FOR ADG-VI AIRCRAFT, AND AS PER ENGINEERING BRIEF #78, PART 2, EQUATION NOS. 2 AND 4, THE VALUE OF SEPARATION BETWEEN TAXIWAY CENTERLINE TO FIXED / MOVABLE OBJECT, AND THE VALUE OF SEPARATION BETWEEN TAXILANE CENTERLINE TO FIXED / MOVABLE OBJECT ARE LESSER THAN THE VALUES PROVIDED BY AC 150 / 5300-13A, AIRPORT DESIGN, CHANGE 1, TABLE 4-1.
4	RUNWAY TO TAXIWAY SEPARATION, AC 150 / 5300-13A, CHANGE 1, AIRPORT DESIGN, TABLE 3-8 DEPARTURE REFERENCE CODE	2018-AWP-2411-NRA	JUNE 26, 2018	OCTOBER 31, 2018	CONDITIONALLY APPROVED	ACCORDING TO FOOTNOTE 2 OF TABLE 3-8, DEPARTURE REFERENCE CODE, FOR UNRESTRICTED OPERATIONS BY ADG-VI AIRPLANES, A RUNWAY TO TAXIWAY SEPARATION OF 400 FEET IS REQUIRED. HOWEVER, ADG-VI AIRPLANES MAY OPERATE ON ADG-V TAXIWAYS PROVIDED THE RUNWAY TO TAXIWAY SEPARATION IS AS LITTLE AS 400 FEET AS LONG AS NO ADG-VI AIRCRAFT OCCUPIES THE PARALLEL TAXIWAY BEYOND 1500 FEET OF THE POINT OF THE START OF TAKEOFF ROLL.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

AIRPORT DATA SHEET

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM

DRAWN: RJM/MNE CHECKED: WBS

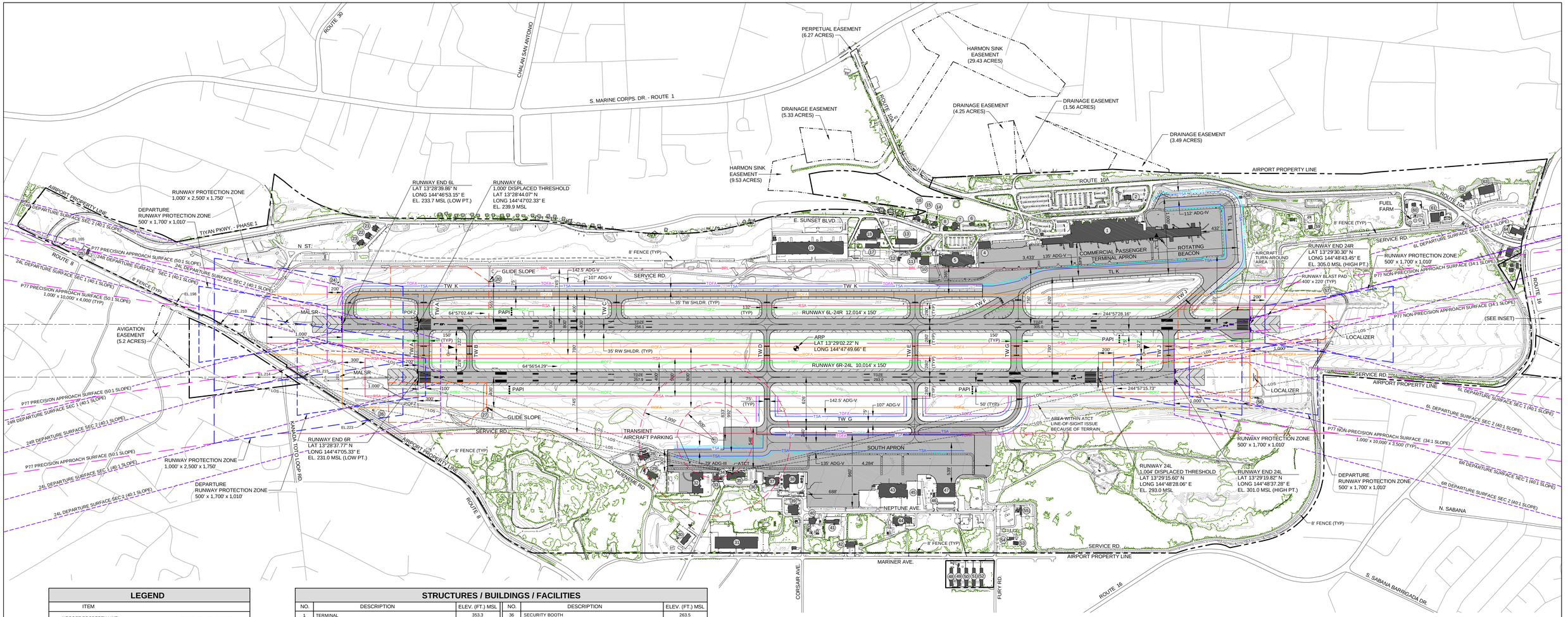
PROJECT MANAGER: EDL

PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 2 OF 51

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LEGEND

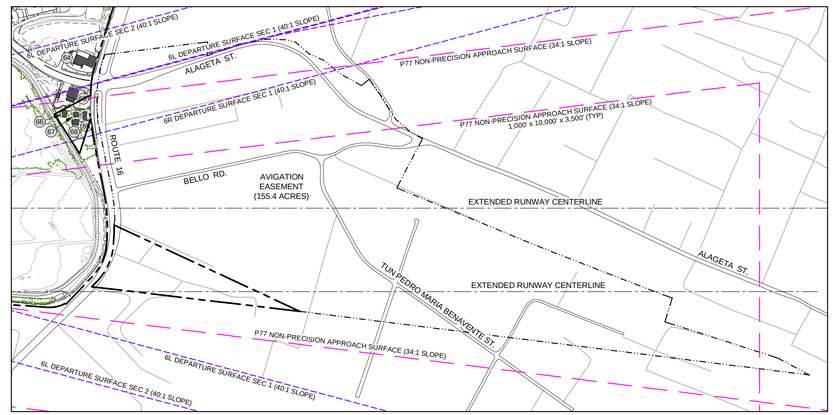
ITEM
AIRPORT PROPERTY LINE
AIRFIELD PAVEMENT
AIRFIELD SHOULDER PAVEMENT
ON-AIRPORT BUILDINGS
OFF-AIRPORT BUILDINGS
ROADS & VEHICLE PARKING
FENCE
EXTENDED RUNWAY CENTERLINE
RUNWAY SAFETY AREA
RUNWAY OBJECT FREE AREA
RUNWAY OBSTACLE FREE ZONE
TAXIWAY SAFETY AREA
TAXIWAY OBJECT FREE AREA
TAXILANE OBJECT FREE AREA
BUILDING RESTRICTION LINE
ATCT LINE-OF-SIGHT
EASEMENT
PRECISION OBSTACLE FREE ZONE (POFZ)
LOCALIZER CRITICAL AREA
GLIDE SLOPE CRITICAL AREA
RUNWAY THRESHOLD LIGHTS
PAPI
WIND CONE
ASOS
ROTATING BEACON
AIRPORT REFERENCE POINT (ARP)
5' GROUND CONTOUR
VEGETATION / TREES

STRUCTURES / BUILDINGS / FACILITIES

NO.	DESCRIPTION	ELEV. (FT.) MSL	NO.	DESCRIPTION	ELEV. (FT.) MSL
1	TERMINAL	353.3	36	SECURITY BOOTH	263.5
2	ACCOUNTING AND TSA BUILDING	275.6	37	OLD ARFF BUILDING	272.0
3	TRITURATOR	-	38	NEW ARFF BUILDING	288.6
4	LIGHT AIRCRAFT COMMUTER FACILITY	284.0	39	PACIFIC UNLIMITED INC. OFFICE BUILDING	279.8
5	UNITED CORPORATE OFFICE	287.6	40	USDA PLANT INSPECTION STATION	287.8
6	GIAA WAREHOUSE	-	41	PACIFIC UNLIMITED INC. REPAIR SHOP	284.4
7	OLD GIAA ADMINISTRATIVE BUILDING	-	42	GUAM EPA	288.5
8	SECURE SAFE OFFICE BUILDING	-	43	UNITED HANGAR	328.2
9	AOA SECURITY GATE GUARD BOOTH	-	44	ABANDONED BUILDING	290.8
10	UNITED GSE MAINTENANCE	278.1	45	UNITED STORAGE	287.5
11	UNITED GSE MAINTENANCE	275.0	46	ACI UTILITIES	291.2
12	UNITED STORAGE BUILDING	-	47	ACI HANGAR	337.0
13	TRIPLE B CARGO BUILDING	277.2	48	GPD OFFICES	-
14	RESIDENTIAL BUILDING	-	49	GPD OFFICES	-
15	RESIDENTIAL BUILDING	-	50	GUAHAN ACADEMY CHARTER SCHOOL	-
16	RESIDENTIAL BUILDING	-	51	GUAHAN ACADEMY CHARTER SCHOOL	-
17	DHL CARGO BUILDING	275.5	52	GUAHAN ACADEMY CHARTER SCHOOL	-
18	CTSI FREIGHT FORWARDING BUILDING	278.3	53	CANINE KENNEL FACILITY	-
19	GUAM INTEGRATED AIR CARGO FACILITY	295.2	54	CUSTOMS & QUARANTINE	299.5
20	GLIDE SLOPE SHELTER	256.3	55	GIAA K-9 KENNEL FACILITY	307.4
21	OFFICE BUILDING	-	56	LOCALIZER SHELTER	326.3
22	OFFICE BUILDING	-	57	LOCALIZER SHELTER	341.7
23	OFFICE BUILDING	-	58	TRITURATOR	291.2
24	RUNWAY 6L MALSR SHELTER	-	59	ELECTRIC SUBSTATION	-
25	BUILDING	-	60	FUEL FARM BUILDING	-
26	RUNWAY 6R MALSR SHELTER	-	61	WATER RESERVOIR COMPOUND	-
27	GLIDE SLOPE SHELTER	-	62	PAPA'S RESTAURANT	-
28	FAA TECH OPS / TRANSMITTER	257.5	63	MSA LOGISTICS	-
29	NOAA NATIONAL WEATHER SERVICE	263.6	64	NAPA SAFETY & SUPPLY	-
30	GIAA TRANSPORTATION MAINTENANCE SHOP	277.6	65	76 CIRCLE K OCEAN VISTA	-
31	WAREHOUSE	287.3			
32	NOSE DOCK HANGAR	278.0			
33	AIRFIELD LIGHTING VAULT	259.4			
34	AIRFIELD LIGHTING VAULT	257.4			
35	AIR TRAFFIC CONTROL TOWER	317.6			

NOTES:

1. ALL ELEVATIONS ARE IN FEET (MSL).
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B).
3. DRAWING PREPARED IN UTM ZONE 55 NORTH (*US FOOT*) COORDINATE SYSTEM.
4. ONLY MAJOR BUILDINGS DEPICTED FOR CLARITY AND SOME BUILDING ELEVATIONS NOT AVAILABLE.
5. SOME INCOMPATIBLE LAND USES EXIST WITHIN THE RPZ'S BEYOND THE RUNWAY 6L AND 6R ENDS.
6. ELEVATIONS SHOWN FOR TRAVERSEWAYS WHERE THEY INTERSECT CENTERLINES OR EDGES OF PART 77 APPROACH SURFACES ARE ACTUAL ELEVATIONS. ELEVATION INFORMATION UNAVAILABLE FOR SOME TRAVERSEWAYS.
7. SEE DATA SHEET FOR SPECIFIC RUNWAY AND TAXIWAY INFORMATION.
8. ONLY PART 77 APPROACH SURFACES AND DEPARTURE SURFACES FOR EACH RUNWAY END ARE SHOWN FOR CLARITY. ALL OTHER APPLICABLE SURFACES WILL BE SHOWN ON SUBSEQUENT SHEETS.



INSET

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

600 0 600
HORIZONTAL SCALE IN FEET
SCALE : 1" = 600'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

EXISTING FACILITIES PLAN

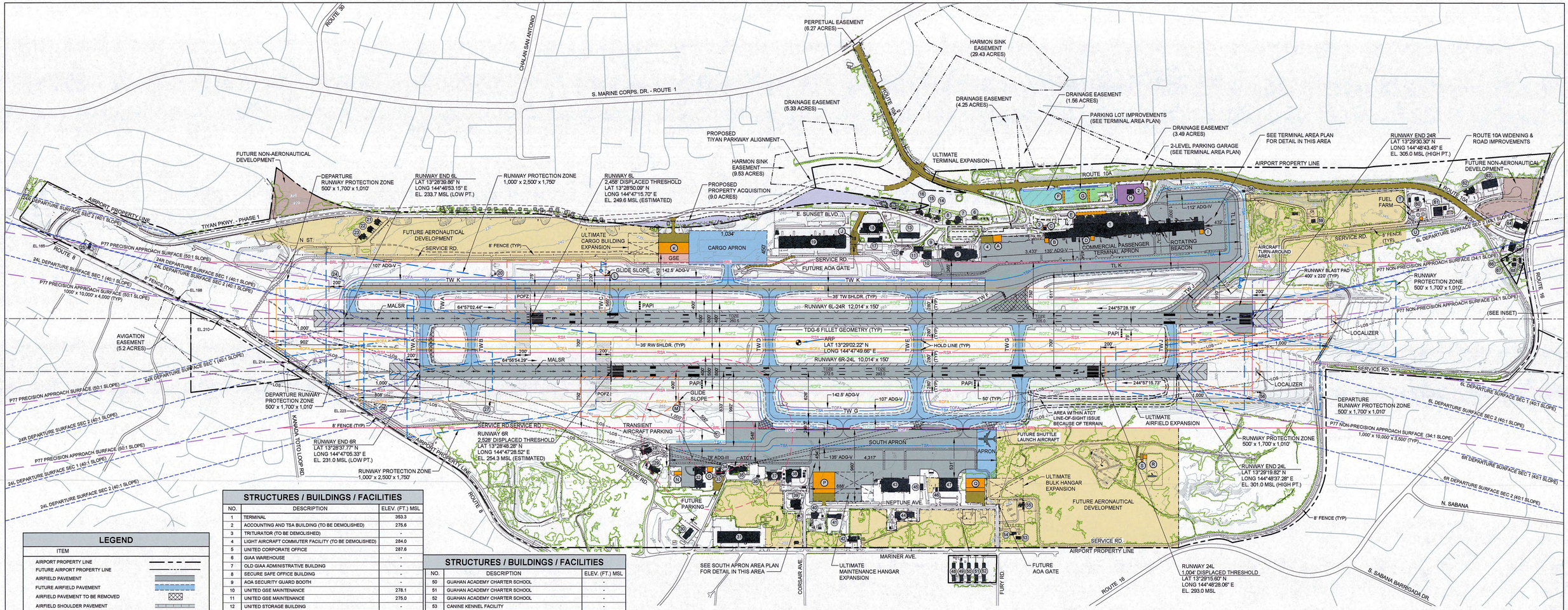
ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 3 OF 51

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LEGEND

ITEM	
AIRPORT PROPERTY LINE	
FUTURE AIRPORT PROPERTY LINE	
AIRFIELD PAVEMENT	
FUTURE AIRFIELD PAVEMENT	
AIRFIELD PAVEMENT TO BE REMOVED	
AIRFIELD SHOULDER PAVEMENT	
FUTURE AIRFIELD SHOULDER PAVEMENT	
ON-AIRPORT BUILDINGS	
FUTURE ON-AIRPORT BUILDINGS / STRUCTURES	
OFF-AIRPORT BUILDINGS	
ROADS & VEHICLE PARKING	
FUTURE ROADS & VEHICLE PARKING	
FENCE	
EXTENDED RUNWAY CENTERLINE	
RUNWAY SAFETY AREA	RSA
RUNWAY OBJECT FREE AREA	ROFA
RUNWAY OBSTACLE FREE ZONE	ROFZ
TAXIWAY SAFETY AREA	TSA
TAXIWAY OBJECT FREE AREA	TOFA
TAXILANE OBJECT FREE AREA	TLOFA
BUILDING RESTRICTION LINE	BRL
ATCT LINE-OF-SIGHT	LOS
PROPOSED PROPERTY ACQUISITION	
FUTURE AERONAUTICAL DEVELOPMENT	
FUTURE NON-AERONAUTICAL DEVELOPMENT	
EASEMENT	
PRECISION OBSTACLE FREE ZONE (POFZ)	
LOCALIZER CRITICAL AREA	
GLIDE SLOPE CRITICAL AREA	
RUNWAY THRESHOLD LIGHTS	
PAPI	
FUTURE WIND CONE	
ASOS	
ROTATING BEACON	
AIRPORT REFERENCE POINT (ARP)	
5' GROUND CONTOUR	
VEGETATION / TREES	

STRUCTURES / BUILDINGS / FACILITIES

NO.	DESCRIPTION	ELEV. (FT.) MSL
1	TERMINAL	353.3
2	ACCOUNTING AND TSA BUILDING (TO BE DEMOLISHED)	275.6
3	TRITURATOR (TO BE DEMOLISHED)	-
4	LIGHT AIRCRAFT COMMUTER FACILITY (TO BE DEMOLISHED)	284.0
5	UNITED CORPORATE OFFICE	287.6
6	GIAA WAREHOUSE	-
7	OLD GIAA ADMINISTRATIVE BUILDING	-
8	SECURE SAFE OFFICE BUILDING	-
9	AOA SECURITY GUARD BOOTH	-
10	UNITED GSE MAINTENANCE	278.1
11	UNITED GSE MAINTENANCE	275.0
12	UNITED STORAGE BUILDING	-
13	TRIPLE B CARGO BUILDING	277.2
14	RESIDENTIAL BUILDING	-
15	RESIDENTIAL BUILDING	-
16	RESIDENTIAL BUILDING	-
17	DHL CARGO BUILDING	275.5
18	CTSI FREIGHT FORWARDING BUILDING	278.3
19	GUAM INTEGRATED AIR CARGO FACILITY	295.2
20	GLIDE SLOPE SHELTER (TO BE DEMOLISHED)	256.3
21	OFFICE BUILDING	-
22	OFFICE BUILDING	-
23	OFFICE BUILDING	-
24	RUNWAY 6L MALSR SHELTER	-
25	BUILDING	-
26	RUNWAY 6R MALSR SHELTER	-
27	GLIDE SLOPE SHELTER (TO BE DEMOLISHED)	-
28	FAA TECH OPS / TRANSMITTER	257.5
29	NOAA NATIONAL WEATHER SERVICE	263.6
30	GIAA TRANSPORTATION MAINTENANCE SHOP	277.6
31	WAREHOUSE	287.3
32	NOSE DOCK HANGAR	278.0
33	AIRFIELD LIGHTING VAULT	259.4
34	AIRFIELD LIGHTING VAULT	257.4
35	AIR TRAFFIC CONTROL TOWER	317.6
36	SECURITY BOOTH	263.5
37	OLD ARFF BUILDING	272.0
38	NEW ARFF BUILDING	288.6
39	PACIFIC UNLIMITED INC. OFFICE BUILDING	279.8
40	USDA PLANT INSPECTION STATION	287.8
41	PACIFIC UNLIMITED INC. REPAIR SHOP	284.4
42	GUAM EPA	288.5
43	UNITED HANGAR	328.2
44	ABANDONED BUILDING	290.8
45	UNITED STORAGE	287.5
46	ACI UTILITIES	291.2
47	ACI HANGAR	337.0
48	GPD OFFICES	-
49	GPD OFFICES	-

STRUCTURES / BUILDINGS / FACILITIES

NO.	DESCRIPTION	ELEV. (FT.) MSL
50	GUAHAN ACADEMY CHARTER SCHOOL	-
51	GUAHAN ACADEMY CHARTER SCHOOL	-
52	GUAHAN ACADEMY CHARTER SCHOOL	-
53	CANINE KENNEL FACILITY	-
54	CUSTOMS & QUARANTINE	299.5
55	GIAA K-9 KENNEL FACILITY	307.4
56	LOCALIZER SHELTER	326.3
57	LOCALIZER SHELTER	341.7
58	TRITURATOR	291.2
59	ELECTRIC SUBSTATION	-
60	FUEL FARM BUILDING	-
61	WATER RESERVOIR COMPOUND	-
62	PAPA'S RESTAURANT	-
63	MSA LOGISTICS	-
64	NAPA SAFETY & SUPPLY	-
65	76 CIRCLE K OCEAN VISTA	-
66	RESIDENTIAL BUILDING	-
67	RESIDENTIAL BUILDING	-
68	RESIDENTIAL BUILDING	-
69	RESIDENTIAL BUILDING	-
A	FUTURE 2-LEVEL COMMUTER TERMINAL	303.0
B	FUTURE POD-1	311.0
C	FUTURE TRASH / INCINERATOR BUILDING	-
D	FUTURE POD-3	311.0
E	FUTURE CANOPY	283.0
F	FUTURE CANOPY	257.0
G	FUTURE CANOPY	262.0
H	FUTURE 2-LEVEL PARKING GARAGE	285.0
I	FUTURE POD-6	326.0
J	FUTURE AOA GATE GUARD BOOTH	265.0
K	FUTURE CARGO BUILDING	276.0
L	FUTURE GLIDE SLOPE SHELTER	253.0
M	FUTURE GLIDE SLOPE SHELTER	265.0
N	FUTURE TEMPORARY AIRCRAFT STORAGE BLDG.	266.0
O	FUTURE 2-LEVEL GA TERMINAL BUILDING	270.0
P	FUTURE AIRCRAFT MAINTENANCE HANGAR	347.0
Q	FUTURE BULK STORAGE HANGAR WITH OFFICES	321.0
R	FUTURE ARFF GIAA TRAINING FACILITY	357.0
S	FUTURE STAIR TOWER	-
T	FUTURE AVGAS FUEL TANK	379.0
U	FUTURE JET A FUEL TANK	385.0

NOTES:

1. ALL ELEVATIONS ARE IN FEET (MSL).
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B).
3. DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
4. ONLY MAJOR BUILDINGS DEPICTED FOR CLARITY AND SOME BUILDING ELEVATIONS NOT AVAILABLE. ALL FUTURE FACILITY ELEVATIONS ARE APPROXIMATE.
5. ELEVATIONS SHOWN FOR TRAVERSEWAYS WHERE THEY INTERSECT CENTERLINES OR EDGES OF PART 77 APPROACH SURFACES ARE ACTUAL ELEVATIONS. ELEVATION INFORMATION UNAVAILABLE FOR SOME TRAVERSEWAYS.
6. SEE DATA SHEET FOR SPECIFIC RUNWAY AND TAXIWAY INFORMATION.
7. ONLY PART 77 APPROACH SURFACES AND DEPARTURE SURFACES FOR EACH RUNWAY END ARE SHOWN FOR CLARITY. ALL OTHER APPLICABLE SURFACES WILL BE SHOWN ON SUBSEQUENT SHEETS.

FAA DISCLAIMER

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

AIRPORT SPONSOR APPROVAL

THIS AIRPORT DRAWING IS APPROVED BY:

(SIGNATURE) _____ DATE: 10-08-24

NAME: John M. Quinata

TITLE: Executive Manager

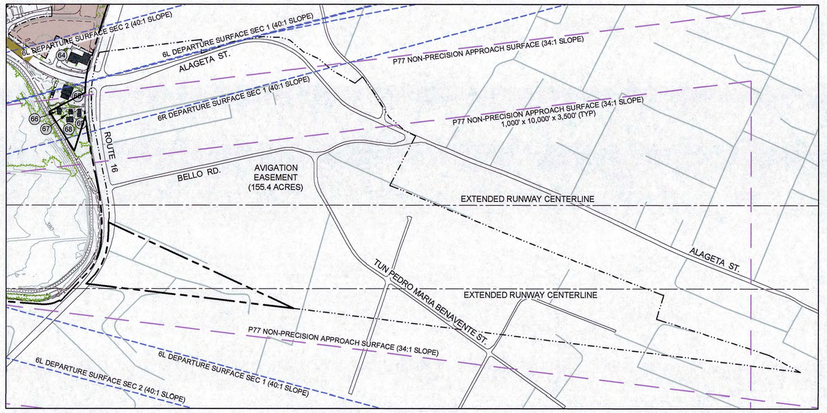
FAA APPROVAL BLOCK

ALP CONDITIONAL APPROVAL
FEDERAL AVIATION ADMINISTRATION
AIRPORTS DISTRICT OFFICE
Honolulu, Hawaii

GORDON K WONG

Digitally signed by GORDON K WONG
Date: 2024.10.18 19:02:46 -10'00'

Digitally Signed Above
FAA Stamp



INSET

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR: E 9°23' (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST (JANUARY 2023)
ANNUAL RATE OF CHANGE: 0°1' (0.017°) WEST / YEAR

600 0 600
HORIZONTAL SCALE IN FEET
SCALE : 1" = 600'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

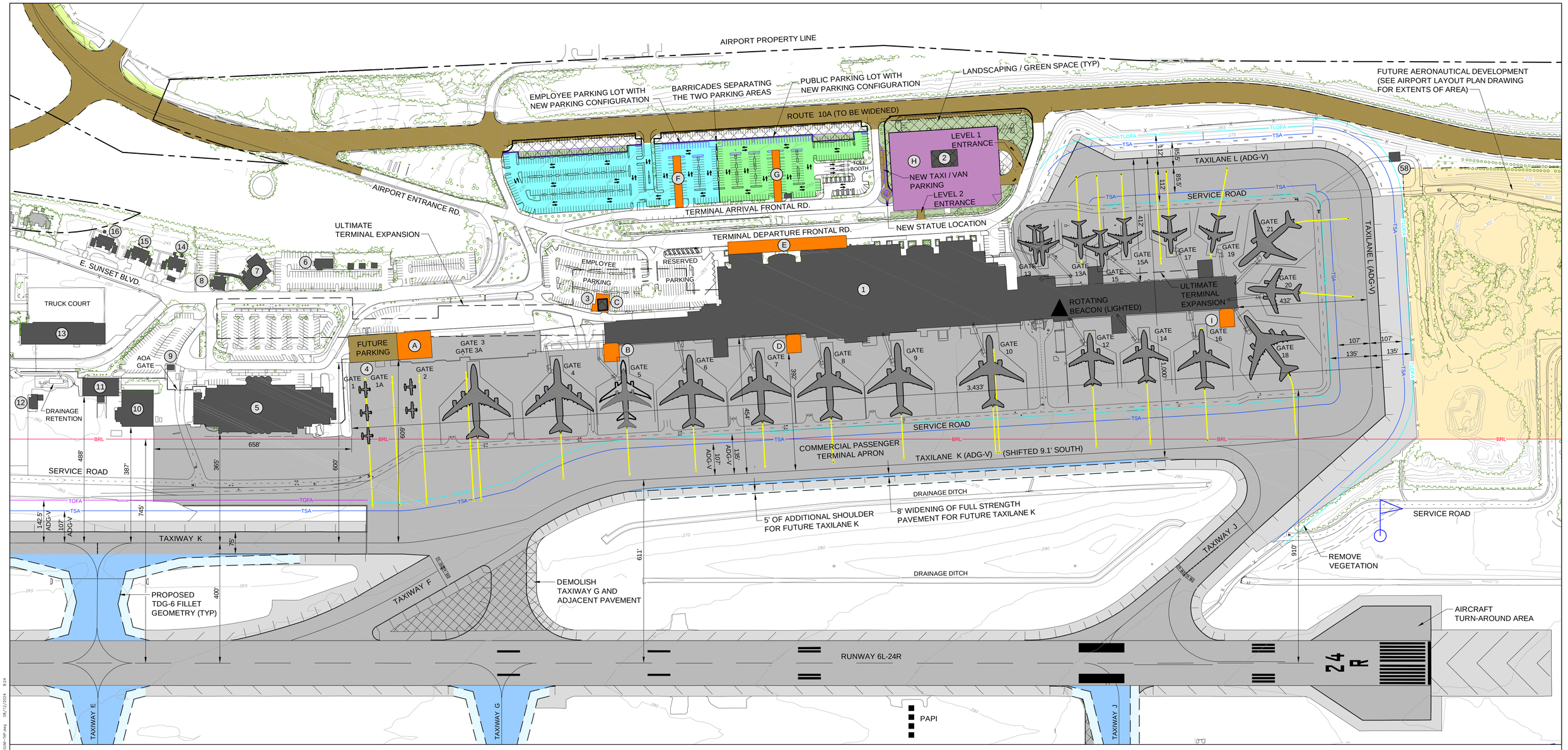
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AIRPORT LAYOUT PLAN

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS
DATE: 06/23
SHEET: 4 OF 51

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LEGEND

ITEM	ITEM
AIRPORT PROPERTY LINE	FUTURE AERONAUTICAL DEVELOPMENT
AIRFIELD PAVEMENT	ROADS & PARKING
FUTURE AIRFIELD PAVEMENT	FUTURE ROADS & PARKING
PAVEMENT / BUILDING TO BE REMOVED	FUTURE PARKING SPACES
AIRFIELD SHOULDER PAVEMENT	FENCE
FUTURE AIRFIELD SHOULDER PAVEMENT	TAXIWAY SAFETY AREA
ON-AIRPORT BUILDINGS	TAXIWAY OBJECT FREE AREA
OFF-AIRPORT BUILDINGS	TAXILANE OBJECT FREE AREA
FUTURE ON-AIRPORT BUILDINGS	BUILDING RESTRICTION LINE
EMPLOYEE AUTO PARKING AREA	PAPI
PUBLIC AUTO PARKING AREA	ROTATING BEACON
FUTURE 2-LEVEL PARKING GARAGE	5' GROUND CONTOUR
LANDSCAPING / GREEN SPACE AREA	VEGETATION / TREES

STRUCTURES / BUILDINGS / FACILITIES

NO.	DESCRIPTION	ELEV. (FT.) MSL	NO.	DESCRIPTION	ELEV. (FT.) MSL
1	TERMINAL	353.3	14	RESIDENTIAL BUILDING	-
2	ACCOUNTING AND TSA BUILDING (TO BE DEMOLISHED)	275.6	15	RESIDENTIAL BUILDING	-
3	TRITURATOR (TO BE DEMOLISHED)	-	16	RESIDENTIAL BUILDING	-
4	LIGHT AIRCRAFT COMMUTER FACILITY (TO BE DEMOLISHED)	284.0	58	TRITURATOR	291.2
5	UNITED CORPORATE OFFICE	287.6	A	FUTURE 2-LEVEL COMMUTER TERMINAL	303.0
6	GIAA WAREHOUSE	-	B	FUTURE POD-1	311.0
7	OLD GIAA ADMINISTRATIVE BUILDING	-	C	FUTURE TRASH / INCINERATOR BUILDING	-
8	SECURE SAFE OFFICE BUILDING	-	D	FUTURE POD-3	311.0
9	AOA SECURITY GUARD BOOTH	-	E	FUTURE CANOPY	283.0
10	UNITED GSE MAINTENANCE	278.1	F	FUTURE CANOPY	257.0
11	UNITED GSE MAINTENANCE	275.0	G	FUTURE CANOPY	262.0
12	UNITED STORAGE BUILDING	-	H	FUTURE 2-LEVEL PARKING GARAGE	285.0
13	TRIPLE B CARGO BUILDING	277.2	I	FUTURE POD-6	326.0

NOTES:

1. ALL ELEVATIONS ARE IN FEET (MSL).
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B).
3. DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
4. ONLY MAJOR BUILDINGS DEPICTED FOR CLARITY AND SOME BUILDING ELEVATIONS NOT AVAILABLE. ALL FUTURE FACILITY ELEVATIONS ARE APPROXIMATE.
5. SEE DATA SHEET FOR SPECIFIC RUNWAY AND TAXIWAY INFORMATION.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°22' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

150 0 150
HORIZONTAL SCALE IN FEET
SCALE : 1" = 150'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

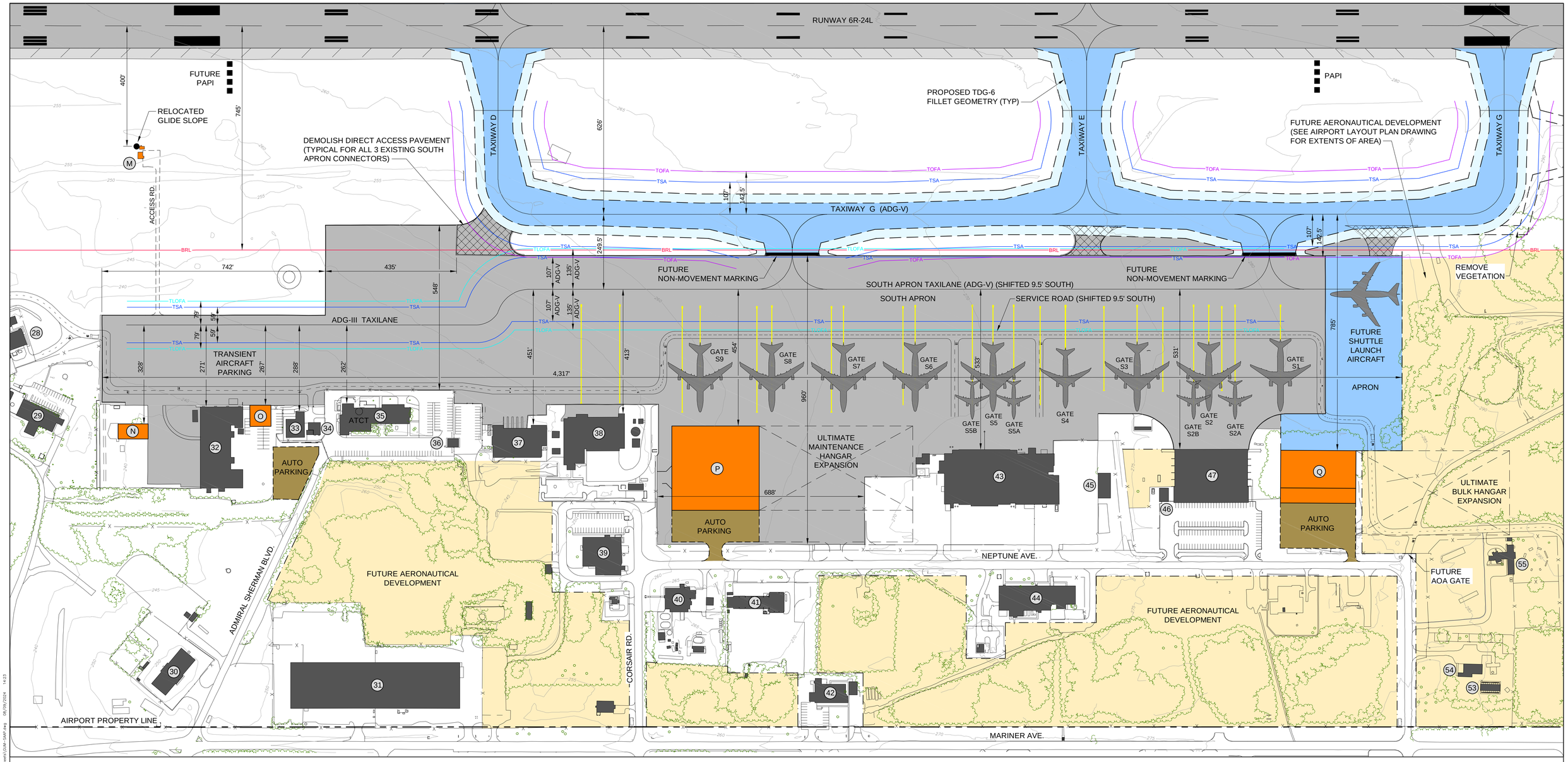
AECOM

TERMINAL AREA PLAN

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS
DATE: 06/23
SHEET: 5 OF 51

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LEGEND

ITEM	ITEM
AIRPORT PROPERTY LINE	FUTURE AERONAUTICAL DEVELOPMENT
AIRFIELD PAVEMENT	FENCE
FUTURE AIRFIELD PAVEMENT	TAXIWAY SAFETY AREA
AIRFIELD PAVEMENT TO BE REMOVED	TAXIWAY OBJECT FREE AREA
AIRFIELD SHOULDER PAVEMENT	TAXILANE OBJECT FREE AREA
FUTURE AIRFIELD SHOULDER PAVEMENT	BUILDING RESTRICTION LINE
ON-AIRPORT BUILDINGS	PAPI
FUTURE ON-AIRPORT BUILDINGS	5' GROUND CONTOUR
ROADS & PARKING	VEGETATION / TREES
FUTURE ROADS & PARKING	

STRUCTURES / BUILDINGS / FACILITIES

NO.	DESCRIPTION	ELEV. (FT.) MSL	NO.	DESCRIPTION	ELEV. (FT.) MSL
28	FAA TECH OPS / TRANSMITTER	257.5	42	GUAM EPA	288.5
29	NOAA NATIONAL WEATHER SERVICE	263.6	43	UNITED HANGAR	328.2
30	GIAA TRANSPORTATION MAINTENANCE SHOP	277.6	44	ABANDONED BUILDING	290.8
31	WAREHOUSE	287.3	45	UNITED STORAGE	287.5
32	NOSE DOCK HANGAR	278.0	46	ACI UTILITIES	291.2
33	AIRFIELD LIGHTING VAULT	259.4	47	ACI HANGAR	337.0
34	AIRFIELD LIGHTING VAULT	257.4	53	CANINE KENNEL FACILITY	-
35	AIR TRAFFIC CONTROL TOWER	317.6	54	CUSTOMS & QUARANTINE	299.5
36	SECURITY BOOTH	263.5	55	GIAA K-9 KENNEL FACILITY	307.4
37	OLD ARFF BUILDING	272.0	M	FUTURE GLIDE SLOPE SHELTER	265.0
38	NEW ARFF BUILDING	288.6	N	FUTURE TEMPORARY AIRCRAFT STORAGE BLDG.	266.0
39	PACIFIC UNLIMITED INC. OFFICE BUILDING	279.8	O	FUTURE TWO LEVEL GA TERMINAL BUILDING	270.0
40	USDA PLANT INSPECTION STATION	287.8	P	FUTURE AIRCRAFT MAINTENANCE HANGAR	347.0
41	PACIFIC UNLIMITED INC. REPAIR SHOP	284.4	Q	FUTURE BULK STORAGE HANGAR WITH OFFICES	321.0

NOTES:

1. ALL ELEVATIONS ARE IN FEET (MSL).
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B).
3. DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
4. ONLY MAJOR BUILDINGS DEPICTED FOR CLARITY AND SOME BUILDING ELEVATIONS NOT AVAILABLE. ALL FUTURE FACILITY ELEVATIONS ARE APPROXIMATE.
5. SEE DATA SHEET FOR SPECIFIC RUNWAY AND TAXIWAY INFORMATION.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

150 0 150
HORIZONTAL SCALE IN FEET
SCALE : 1" = 150'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO B. WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

SOUTH APRON AREA PLAN

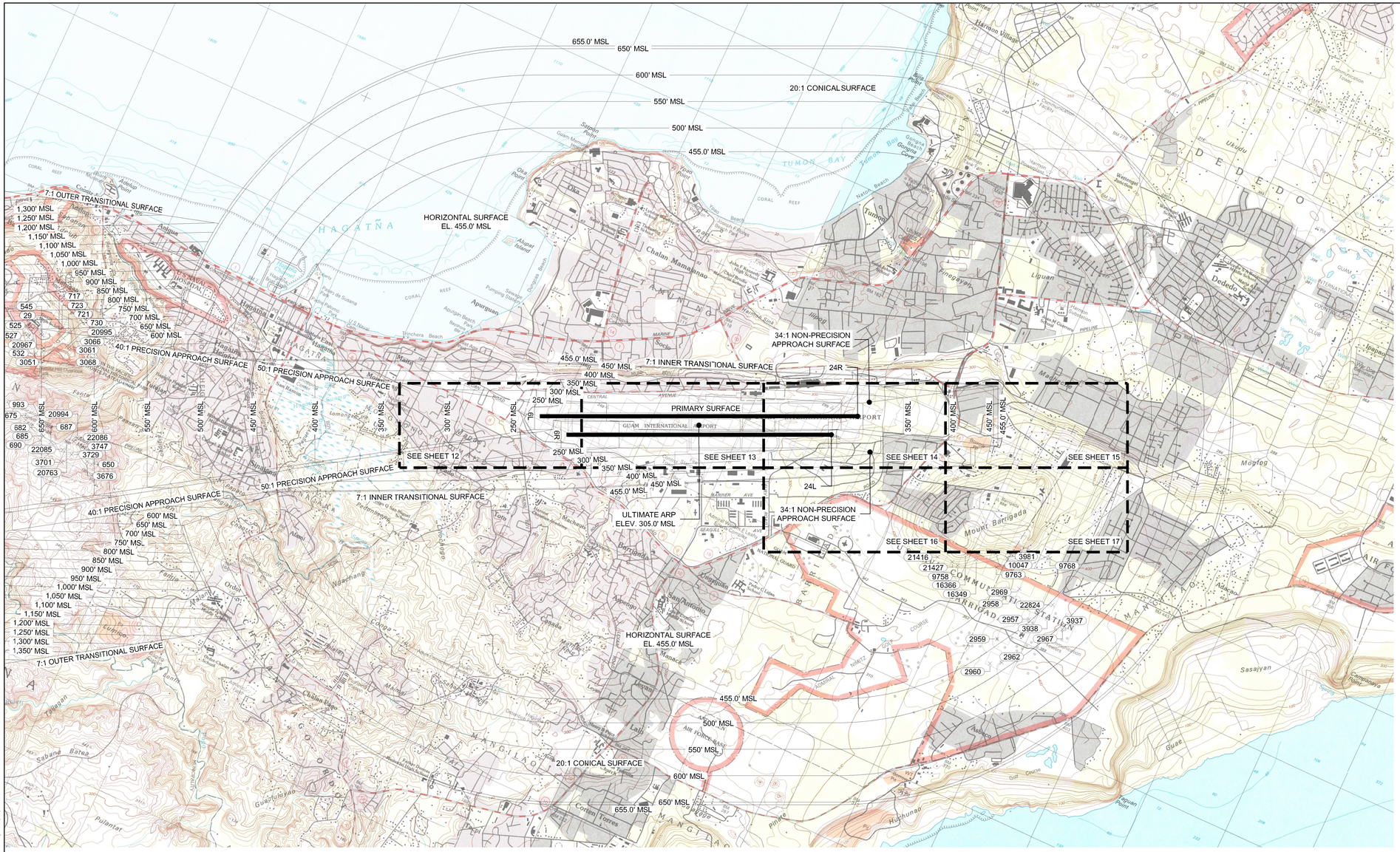
ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 6 OF 51

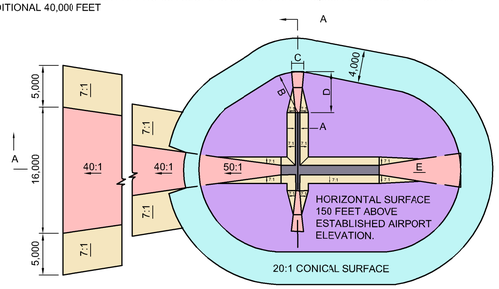
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OBSTRUCTION IDENTIFICATION SURFACES CODE OF FEDERAL REGULATIONS PART 77						
ITEM	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
	A	B	A	B		
				C	D	
WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250'	500'	500'	500'	1,000'	1,000'
RADIUS OF HORIZONTAL SURFACE	5,000'	5,000'	5,000'	10,000'	10,000'	10,000'
	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
	A	B	A	B		
				C	D	
APPROACH SURFACE WIDTH AT END	1,250'	1,500'	2,000'	3,500'	4,000'	16,000'
APPROACH SURFACE LENGTH	5,000'	5,000'	5,000'	10,000'	10,000'	*
APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

CHART NOTES:

A - UTILITY RUNWAYS
B - RUNWAYS LARGER THAN UTILITY
C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D - VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* - PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



PLAN VIEW OF SECTION A - A
77.25 CIVIL AIRPORT IMAGINARY SURFACES

A - UTILITY RUNWAYS
B - RUNWAYS LARGER THAN UTILITY
C - VISIBILITY MINIMUMS GREATER THAN ¾ MILE
D - VISIBILITY MINIMUMS AS LOW AS ¾ MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

ISOMETRIC VIEW OF SECTION A - A
77.25 CIVIL AIRPORT IMAGINARY SURFACES

U.S. GEOLOGICAL SURVEY (USGS) QUADRANGLES
Base Map Taken From The Following U.S.G.S. 7.5 Minute Quadrangle Maps:

NOTES:

1. ELECTRONIC QUADRANGLE MAPS WERE DOWNLOADED FROM THE UNITED STATES GEOLOGICAL SURVEY AT USGS.GOV. USGS MAPS WERE NOT DEVELOPED FOR THE SURROUNDING AREAS OF GUAM THAT ONLY INCLUDE THE PACIFIC OCEAN.
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
3. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
4. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
5. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
6. THIS SHEET DEPICTS THE FEDERAL AVIATION REGULATIONS PART 77 SURFACES AND IDENTIFIES THE LOCATIONS OF OBSTRUCTIONS WITHIN THOSE SURFACES. OBSTRUCTIONS TO THE FUTURE PRIMARY, TRANSITIONAL, HORIZONTAL, CONICAL, AND OUTER APPROACH SURFACES ARE SHOWN ON SHEETS 18 TO 20, FUTURE AIRSPACE OBSTRUCTION TABLES.
7. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
8. FOR CLARITY AND TO AVOID REPEATING OBJECTS, TOP ELEVATIONS OF PENETRATING OBJECTS FOR THE INNER PORTION OF THE APPROACH SURFACES ARE SHOWN ON THE FUTURE INNER PORTION OF THE APPROACH SURFACE SHEETS.
9. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1, *OBSTRUCTION MARKING AND LIGHTING*.
10. EXISTING AIRPORT ELEVATION IS 305.0 FEET (MSL). FUTURE HORIZONTAL SURFACE ELEVATION IS 455.0 FEET (MSL).

FUTURE RUNWAY END COORDINATES			
RUNWAY	LATITUDE	LONGITUDE	ELEVATION (FT.)
6L	13° 28' 39.86" N	144° 46' 53.15" E	233.7
24R	13° 29' 30.30" N	144° 48' 43.45" E	305.0
6R	13° 28' 37.77" N	144° 47' 05.33" E	231.0
24L	13° 29' 19.82" N	144° 48' 37.28" E	301.0

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAGNETIC NORTH
VAR 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

2000 0 2000
HORIZONTAL SCALE IN FEET
SCALE : 1" = 2000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

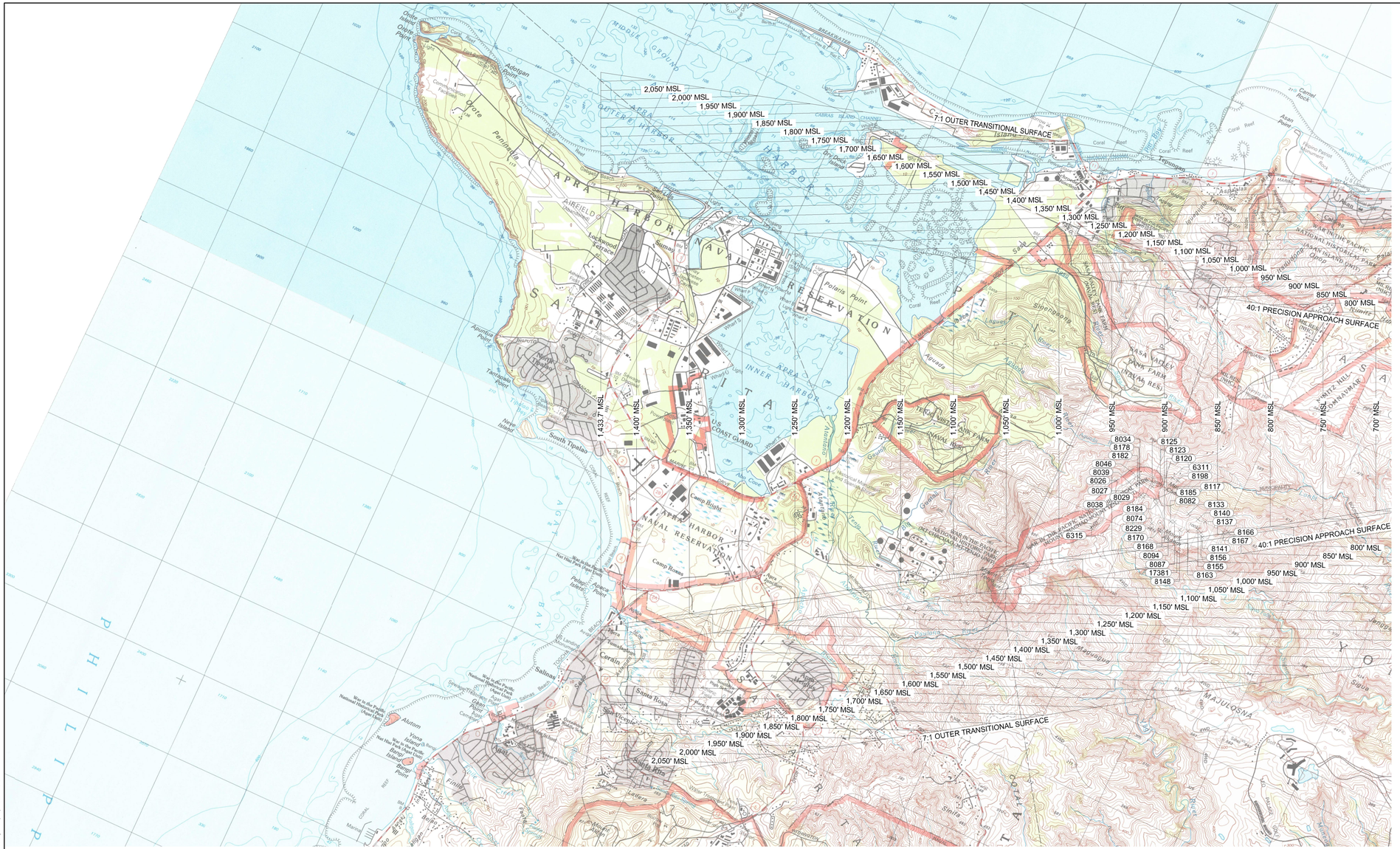
AECOM

FUTURE AIRSPACE DRAWING CENTRAL

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS
DATE: 06/23
SHEET: 7 OF 51

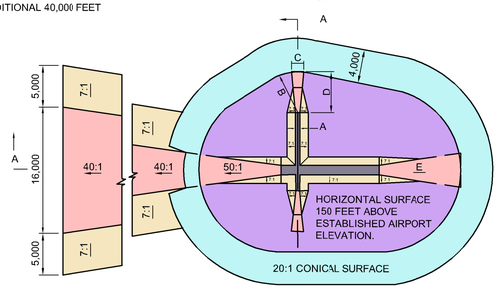
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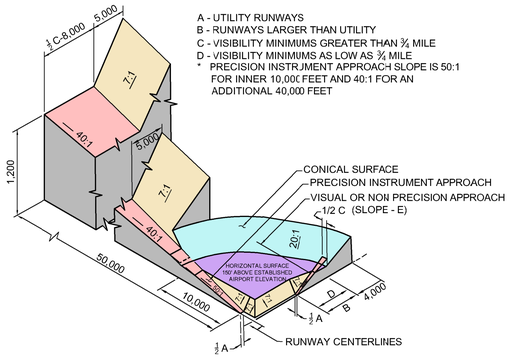
OBSTRUCTION IDENTIFICATION SURFACES CODE OF FEDERAL REGULATIONS PART 77						
ITEM	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
	A	B	A	B		
				C	D	
WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250'	500'	500'	500'	1,000'	1,000'
RADIUS OF HORIZONTAL SURFACE	5,000'	5,000'	5,000'	10,000'	10,000'	10,000'
	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
	A	B	A	B		
				C	D	
APPROACH SURFACE WIDTH AT END	1,250'	1,500'	2,000'	3,500'	4,000'	16,000'
APPROACH SURFACE LENGTH	5,000'	5,000'	5,000'	10,000'	10,000'	*
APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

CHART NOTES:

A - UTILITY RUNWAYS
B - RUNWAYS LARGER THAN UTILITY
C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D - VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* - PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



PLAN VIEW OF SECTION A - A
77.25 CIVIL AIRPORT IMAGINARY SURFACES



ISOMETRIC VIEW OF SECTION A - A
77.25 CIVIL AIRPORT IMAGINARY SURFACES

U.S. GEOLOGICAL SURVEY (USGS) QUADRANGLES
Base Map Taken From The Following U.S.G.S. 7.5 Minute Quadrangle Maps:

		Ritidian Point 2000	Pati Point 2000
Apra Harbor 2000	Hagatna 2000	Dededo 2000	Dededo OE E 2000
Agat 2000	Talofofo 2000		

NOTES:

1. ELECTRONIC QUADRANGLE MAPS WERE DOWNLOADED FROM THE UNITED STATES GEOLOGICAL SURVEY AT USGS.GOV. USGS MAPS WERE NOT DEVELOPED FOR THE SURROUNDING AREAS OF GUAM THAT ONLY INCLUDE THE PACIFIC OCEAN.
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
3. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
4. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
5. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
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7. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
8. FOR CLARITY AND TO AVOID REPEATING OBJECTS, TOP ELEVATIONS OF PENETRATING OBJECTS FOR THE INNER PORTION OF THE APPROACH SURFACES ARE SHOWN ON THE FUTURE INNER PORTION OF THE APPROACH SURFACE SHEETS.
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10. EXISTING AIRPORT ELEVATION IS 305.0 FEET (MSL). FUTURE HORIZONTAL SURFACE ELEVATION IS 455.0 FEET (MSL).

FUTURE RUNWAY END COORDINATES			
RUNWAY	LATITUDE	LONGITUDE	ELEVATION (FT.)
6L	13° 28' 39.86" N	144° 46' 53.15" E	233.7
24R	13° 29' 30.30" N	144° 48' 43.45" E	305.0
6R	13° 28' 37.77" N	144° 47' 05.33" E	231.0
24L	13° 29' 19.82" N	144° 48' 37.28" E	301.0

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
GRID NORTH (9.4°)
MAGNETIC DECLINATION = 9°23' (9.4°) EAST (JANUARY 2023)
ANNUAL RATE OF CHANGE: 0°1' (0.017°) WEST / YEAR
2000 0 2000
HORIZONTAL SCALE IN FEET
SCALE: 1" = 2000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING
SOUTHWEST

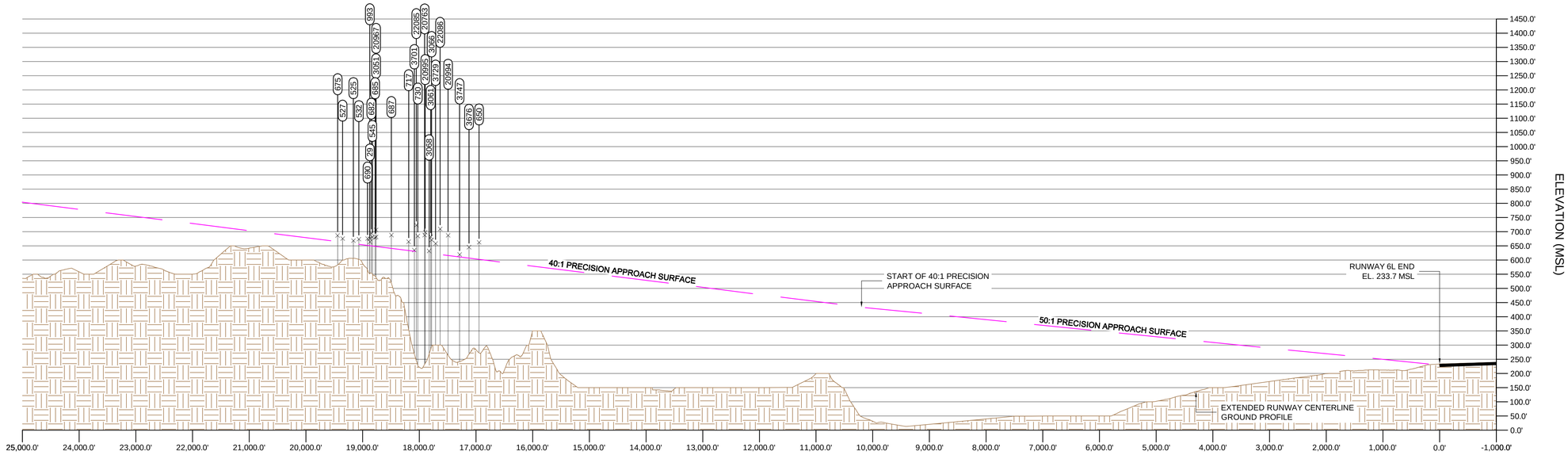
ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

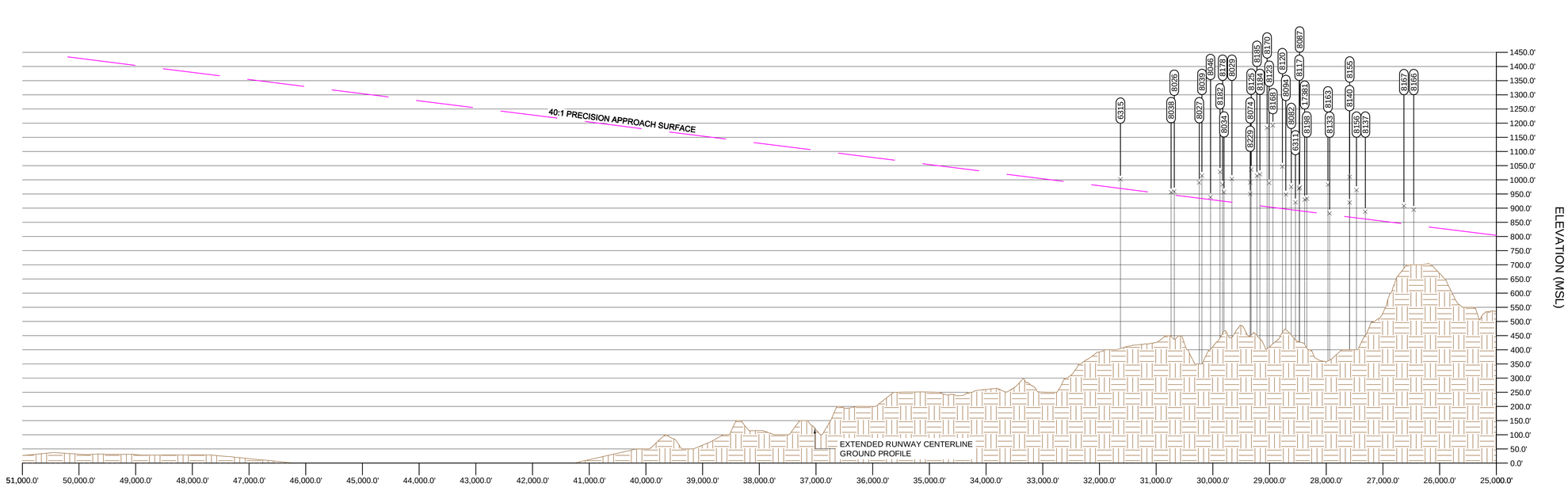
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RUNWAY 6L PROFILE VIEW

-1,000' TO 25,000'
VERTICAL SCALE : 1" = 200'



RUNWAY 6L PROFILE VIEW

25,000' TO 51,000'
VERTICAL SCALE : 1" = 200'

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
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8. EXISTING AIRPORT ELEVATION IS 305.0 FEET (MSL). FUTURE HORIZONTAL SURFACE ELEVATION IS 455.0 FEET (MSL).

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

1,000 0 1,000
HORIZONTAL SCALE IN FEET
SCALE : 1" = 1,000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING
RUNWAY 6L PROFILE

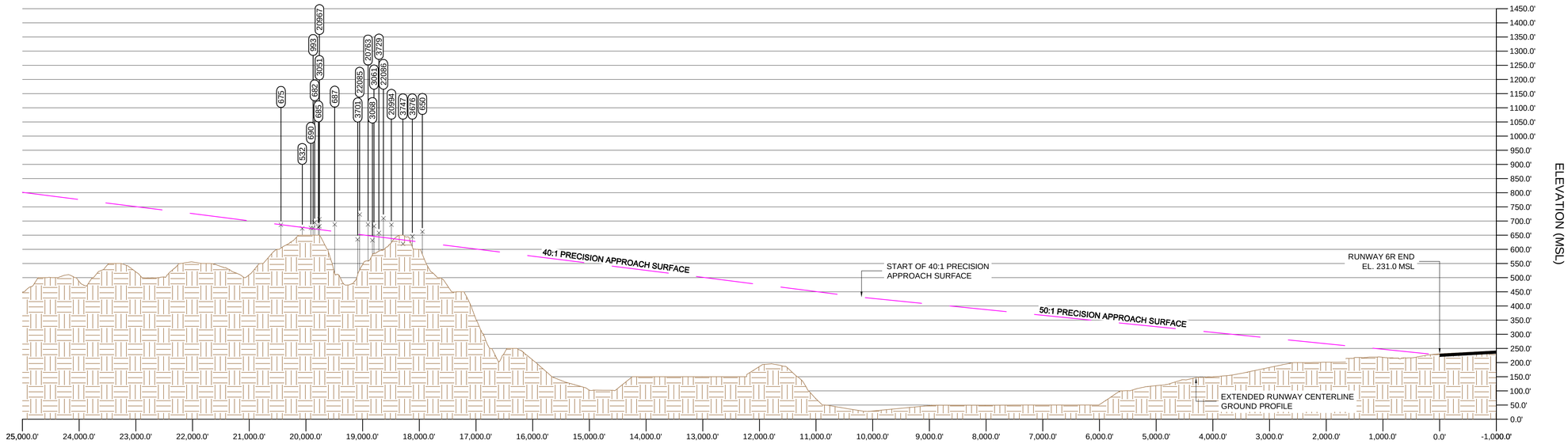
ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

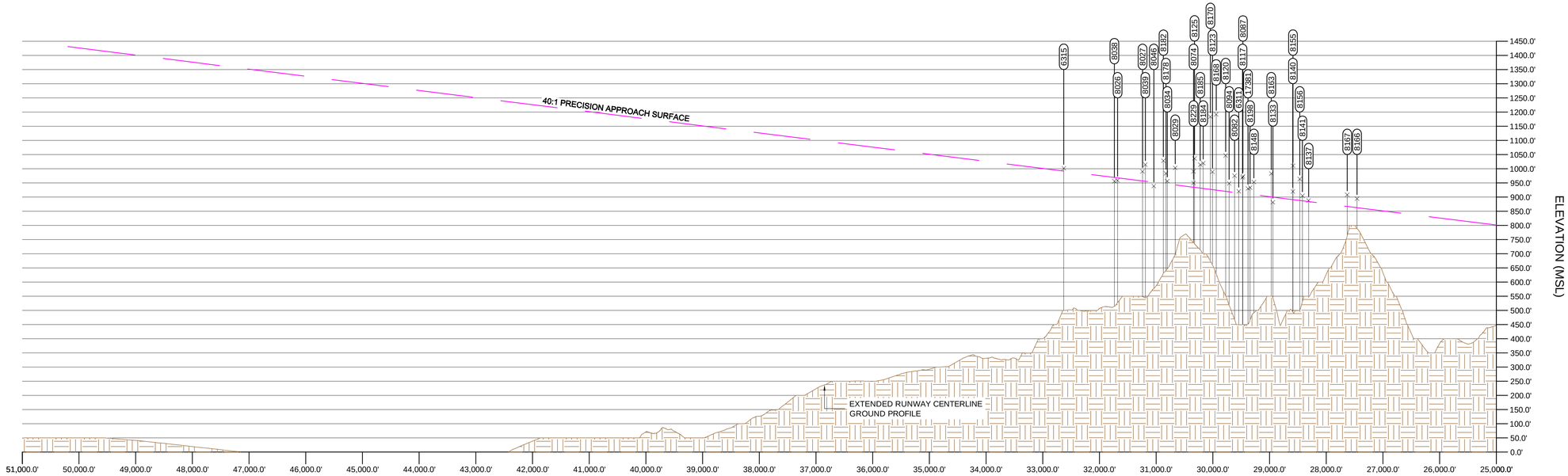
SHEET: 9 OF 51

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RUNWAY 6R PROFILE VIEW

-1,000' TO 25,000'
VERTICAL SCALE : 1" = 200'



RUNWAY 6R PROFILE VIEW

25,000' TO 51,000'
VERTICAL SCALE : 1" = 200'

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
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NO.	REVISIONS	BY	APP.	DATE

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TRUE NORTH
VAR 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

1,000 0 1,000
HORIZONTAL SCALE IN FEET
SCALE: 1" = 1,000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING
RUNWAY 6R PROFILE

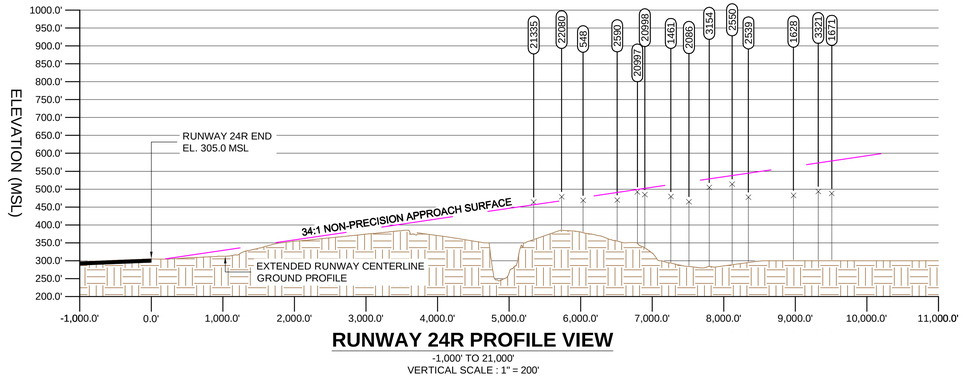
ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

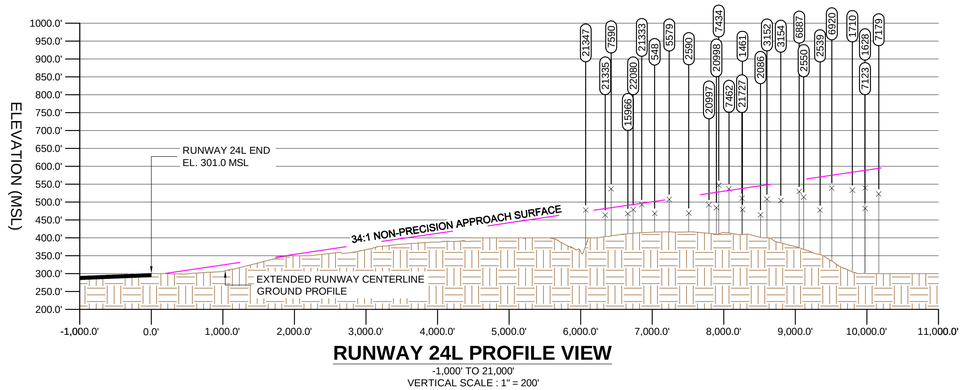
SHEET: 10 OF 51

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RUNWAY 24R PROFILE VIEW

-1,000' TO 21,000'
VERTICAL SCALE : 1" = 200'



RUNWAY 24L PROFILE VIEW

-1,000' TO 21,000'
VERTICAL SCALE : 1" = 200'

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. THIS SHEET DEPICTS THE FEDERAL AVIATION REGULATIONS PART 77 SURFACES AND IDENTIFIES THE LOCATIONS OF OBSTRUCTIONS WITHIN THOSE SURFACES. OBSTRUCTIONS TO THE FUTURE PRIMARY, TRANSITIONAL, HORIZONTAL, CONICAL, AND OUTER APPROACH SURFACES ARE SHOWN ON SHEETS 18 TO 20, FUTURE AIRSPACE OBSTRUCTION TABLES.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1, *OBSTRUCTION MARKING AND LIGHTING*.
8. EXISTING AIRPORT ELEVATION IS 305.0 FEET (MSL). FUTURE HORIZONTAL SURFACE ELEVATION IS 455.0 FEET (MSL).

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

1,000 0 1,000
HORIZONTAL SCALE IN FEET
SCALE : 1" = 1,000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING
RUNWAY 24L AND 24R PROFILES

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 11 OF 51

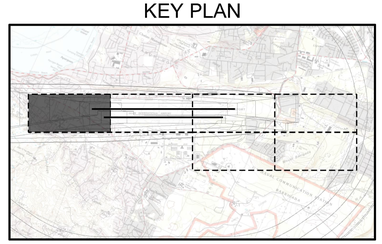
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NOTES:

1. ELECTRONIC QUADRANGLE MAPS WERE DOWNLOADED FROM THE UNITED STATES GEOLOGICAL SURVEY AT USGS.GOV. USGS MAPS WERE NOT DEVELOPED FOR THE SURROUNDING AREAS OF GUAM THAT ONLY INCLUDE THE PACIFIC OCEAN.
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
3. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
4. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
5. OBSTACLES WERE EVALUATED USING 2022 AIPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
6. THIS SHEET DEPICTS THE FEDERAL AVIATION REGULATIONS PART 77 SURFACES AND IDENTIFIES THE LOCATIONS OF OBSTRUCTIONS WITHIN THOSE SURFACES. OBSTRUCTIONS TO THE FUTURE PRIMARY, TRANSITIONAL, HORIZONTAL, CONICAL, AND OUTER APPROACH SURFACES ARE SHOWN ON SHEETS 18 TO 20, FUTURE AIRSPACE OBSTRUCTION TABLES.
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10. EXISTING AIRPORT ELEVATION IS 305.0 FEET (MSL). FUTURE HORIZONTAL SURFACE ELEVATION IS 455.0 FEET (MSL).

KEY PLAN



NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH / GRID NORTH (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

200 0 200
HORIZONTAL SCALE IN FEET
SCALE : 1" = 200'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING DETAIL 1

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 12 OF 51

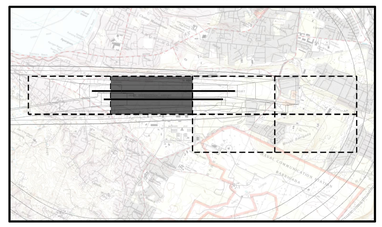
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NOTES:

1. ELECTRONIC QUADRANGLE MAPS WERE DOWNLOADED FROM THE UNITED STATES GEOLOGICAL SURVEY AT USGS.GOV. USGS MAPS WERE NOT DEVELOPED FOR THE SURROUNDING AREAS OF GUAM THAT ONLY INCLUDE THE PACIFIC OCEAN.
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10. EXISTING AIRPORT ELEVATION IS 305.0 FEET (MSL). FUTURE HORIZONTAL SURFACE ELEVATION IS 455.0 FEET (MSL).

KEY PLAN



NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAG NORTH (9.4°E)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

200 0 200
HORIZONTAL SCALE IN FEET
SCALE : 1" = 200'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
AUTORIDAT PUERTON BATKON AEREA GUAHAN ENTRNASIONAT

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING
DETAIL 2

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 13 OF 51

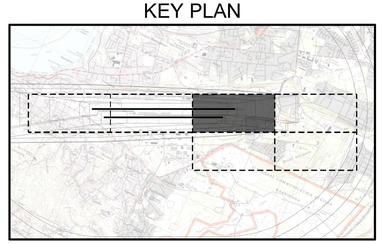
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NOTES:

1. ELECTRONIC QUADRANGLE MAPS WERE DOWNLOADED FROM THE UNITED STATES GEOLOGICAL SURVEY AT USGS.GOV. USGS MAPS WERE NOT DEVELOPED FOR THE SURROUNDING AREAS OF GUAM THAT ONLY INCLUDE THE PACIFIC OCEAN.
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KEY PLAN



NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAGNETIC NORTH 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

200 0 200
HORIZONTAL SCALE IN FEET
SCALE: 1" = 200'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
STUDLEY FUETTON BAYDA
AIDEN GUAHAN EXTRAORDINAIRE

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING DETAIL 3

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 14 OF 51

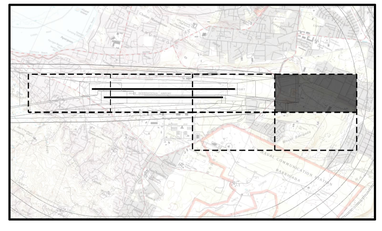
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NOTES:

1. ELECTRONIC QUADRANGLE MAPS WERE DOWNLOADED FROM THE UNITED STATES GEOLOGICAL SURVEY AT USGS.GOV. USGS MAPS WERE NOT DEVELOPED FOR THE SURROUNDING AREAS OF GUAM THAT ONLY INCLUDE THE PACIFIC OCEAN.
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KEY PLAN



NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAGNETIC NORTH
9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017') WEST / YEAR

200 0 200
HORIZONTAL SCALE IN FEET
SCALE: 1" = 200'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING DETAIL 4

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 15 OF 51

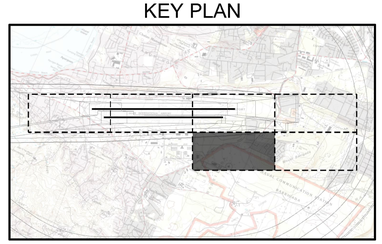
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NOTES:

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KEY PLAN



NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAG NORTH (9.4°E)

MAGNETIC DECLINATION = 9°23' (9.4") EAST (JANUARY 2023)
ANNUAL RATE OF CHANGE: 0°1' (0.017") WEST / YEAR

200 0 200
HORIZONTAL SCALE IN FEET
SCALE : 1" = 200'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO BORJA WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO BORJA WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING DETAIL 5

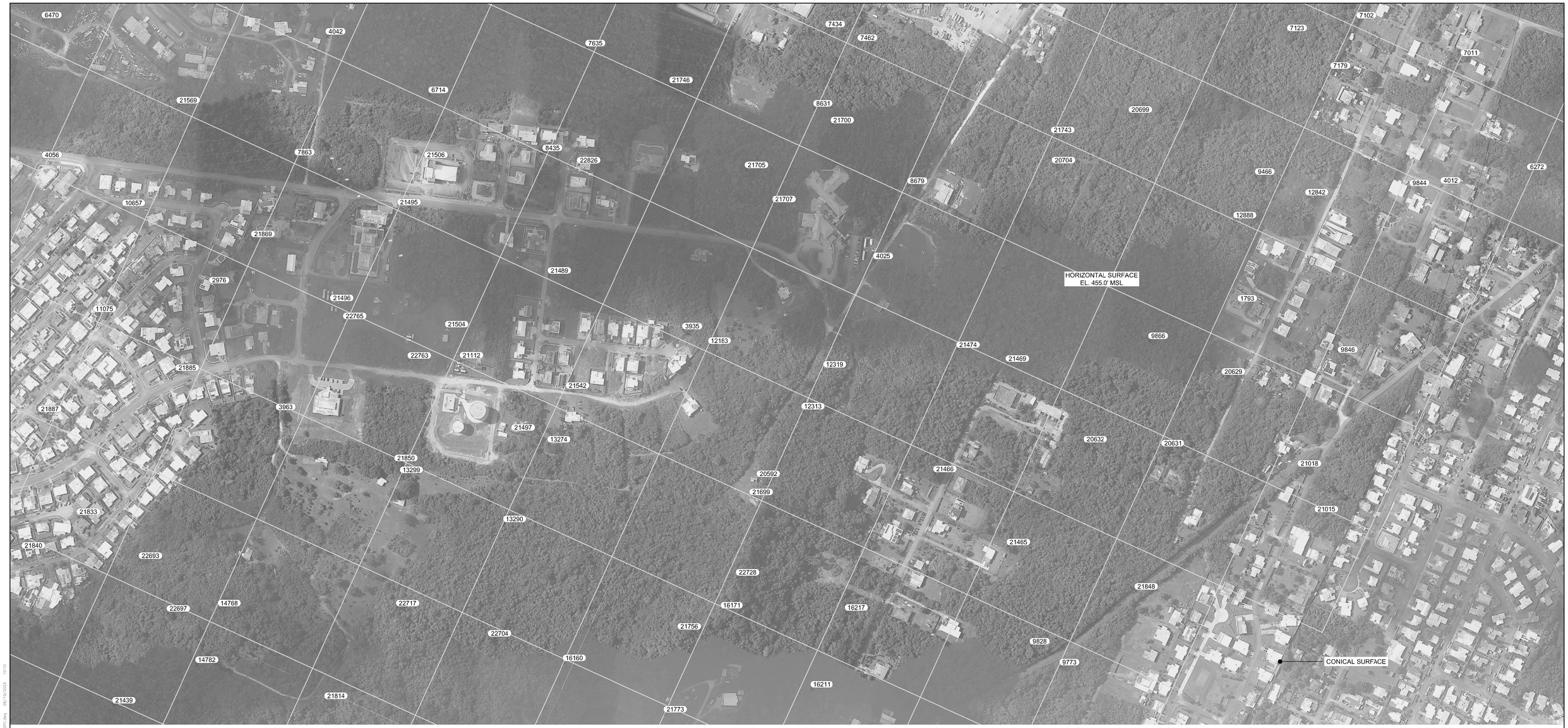
ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 16 OF 51

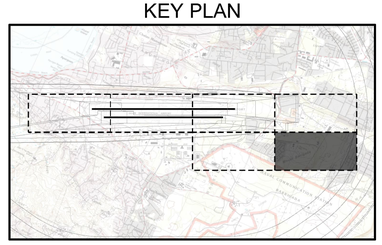
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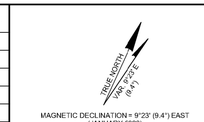
NOTES:

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5. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
6. THIS SHEET DEPICTS THE FEDERAL AVIATION REGULATIONS PART 77 SURFACES AND IDENTIFIES THE LOCATIONS OF OBSTRUCTIONS WITHIN THOSE SURFACES. OBSTRUCTIONS TO THE FUTURE PRIMARY, TRANSITIONAL, HORIZONTAL, CONICAL, AND OUTER APPROACH SURFACES ARE SHOWN ON SHEETS 18 TO 20, FUTURE AIRSPACE OBSTRUCTION TABLES.
7. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
8. FOR CLARITY AND TO AVOID REPEATING OBJECTS, TOP ELEVATIONS OF PENETRATING OBJECTS FOR THE INNER PORTION OF THE APPROACH SURFACES ARE SHOWN ON THE FUTURE INNER PORTION OF THE APPROACH SURFACE SHEETS.
9. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1, *OBSTRUCTION MARKING AND LIGHTING*.
10. EXISTING AIRPORT ELEVATION IS 305.0 FEET (MSL). FUTURE HORIZONTAL SURFACE ELEVATION IS 455.0 FEET (MSL).

KEY PLAN



NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE



MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

200 0 200

HORIZONTAL SCALE IN FEET
SCALE : 1" = 200'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE DRAWING
DETAIL 6

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 17 OF 51

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FUTURE PART 77 PRIMARY SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	SURFACE PENETRATION	PROPOSED DISPOSITION
		MSL	AGL			
12028	SIGN	295.5	3.5	292.0	2.2	NO ACTION
12071	RUNWAY LIGHT	235.1	1.6	233.5	1.4	NO ACTION
12072	RUNWAY LIGHT	235.8	2.0	233.7	2.0	NO ACTION
13763	WINDSOCK	249.5	10.1	239.4	14.4	NO ACTION
13817	GROUND	261.8	0.0	261.8	3.9	NO ACTION
13834	SIGN	263.0	3.6	259.4	1.9	NO ACTION
13835	GROUND	267.5	0.0	267.5	6.3	NO ACTION
13841	GROUND	262.8	0.0	262.8	0.6	NO ACTION
13844	GROUND	264.7	0.0	264.7	1.1	NO ACTION
13846	GROUND	265.8	0.0	265.8	1.3	NO ACTION
13850	GROUND	271.9	0.0	271.9	8.1	NO ACTION
13852	GROUND	274.8	0.0	274.8	9.2	NO ACTION
13854	GROUND	276.8	0.0	276.8	9.7	NO ACTION
13871	SIGN	268.5	3.7	264.8	0.1	NO ACTION
13879	GROUND	276.8	0.0	276.8	6.6	NO ACTION
13911	GROUND	287.6	0.0	287.6	5.8	NO ACTION
13918	GROUND	293.0	0.0	293.0	5.3	NO ACTION
13922	GROUND	296.5	0.0	296.5	4.5	NO ACTION
15983	GROUND	251.5	0.0	251.5	3.1	NO ACTION
16007	GROUND	244.0	0.0	244.0	6.5	NO ACTION
17155	BUILDING	249.1	13.0	236.1	8.9	NO ACTION
17301	GROUND	259.4	0.0	259.4	0.5	NO ACTION
17311	GROUND	292.0	0.0	292.0	3.0	NO ACTION
17354	GROUND	251.4	0.0	251.4	1.3	NO ACTION
17360	GROUND	257.0	0.0	257.0	3.3	NO ACTION
17361	GROUND	256.4	0.0	256.4	1.8	NO ACTION
20560	UTILITY BOX	285.5	3.9	281.6	4.2	NO ACTION
20575	SIGN	263.7	4.8	258.9	4.4	NO ACTION
20576	SIGN	264.8	3.9	260.9	4.2	NO ACTION
20582	SIGN	273.8	2.9	270.9	4.2	NO ACTION
20583	SIGN	278.1	5.3	272.8	7.2	NO ACTION
20585	SIGN	280.1	3.7	276.5	5.5	NO ACTION
20587	SIGN	291.9	5.2	286.7	4.8	NO ACTION
20754	SIGN	256.8	3.4	253.4	1.5	NO ACTION
20755	SIGN	261.3	4.8	256.4	5.2	NO ACTION
20804	GROUND	310.5	0.0	310.5	5.5	NO ACTION
20811	GROUND	296.4	0.0	296.4	0.7	NO ACTION
20816	TREE	324.4	24.5	299.9	22.3	TRIM/REMOVE
20869	SIGN	284.4	5.8	278.6	7.0	NO ACTION
20870	SIGN	257.5	5.0	252.5	4.8	NO ACTION
20871	SIGN	251.9	3.3	248.6	5.8	NO ACTION
20890	GROUND	292.9	0.0	292.9	2.2	NO ACTION
20913	GROUND	275.7	0.0	275.7	9.1	NO ACTION
20923	GROUND	264.9	0.0	264.9	0.8	NO ACTION
20958	UTILITY BOX	250.8	3.7	247.1	2.9	NO ACTION
20959	SIGN	256.1	3.3	252.8	1.8	NO ACTION
20961	SIGN	243.7	3.0	240.7	2.3	NO ACTION
20993	SIGN	300.8	3.5	297.3	1.4	NO ACTION
21043	SIGN	269.4	5.1	264.4	6.1	NO ACTION
21049	SIGN	268.9	3.5	265.4	7.9	NO ACTION
21053	SIGN	280.0	3.4	276.6	1.2	NO ACTION
21054	SIGN	283.6	3.7	280.0	8.8	NO ACTION
21059	SIGN	289.6	3.3	286.4	4.5	NO ACTION
21064	ELECTRIC BOX	286.9	6.2	280.7	6.1	NO ACTION
22072	SIGN	238.8	3.3	235.5	7.8	NO ACTION
22074	SIGN	303.7	3.2	300.4	6.4	NO ACTION
22075	SIGN	278.8	3.4	275.4	1.2	NO ACTION
22076	ANTENNA	277.2	40.8	236.4	37.1	NO ACTION
22081	SIGN	263.7	4.5	259.1	5.7	NO ACTION
22082	GROUND	259.6	0.0	259.6	1.7	NO ACTION
22084	WINDSOCK	306.2	10.2	296.0	13.4	NO ACTION
22216	SIGN	285.4	3.0	282.4	8.0	NO ACTION
22251	GROUND	255.9	0.0	255.9	2.5	NO ACTION
22423	GROUND	233.3	0.0	233.3	1.3	NO ACTION
22431	UTILITY BOX	246.0	3.0	243.0	2.9	NO ACTION
22443	SIGN	246.0	3.3	242.7	7.1	NO ACTION
22446	SIGN	255.7	4.0	251.6	5.6	NO ACTION

FUTURE PART 77 TRANSITIONAL SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	SURFACE PENETRATION	PROPOSED DISPOSITION
		MSL	AGL			
53	UTILITY POLE	456.0	37.6	418.4	5.8	MARK/LIGHT
293	TREE	427.1	77.1	350.0	46.7	TRIM/REMOVE
408	TREE	422.2	72.2	350.0	35.2	TRIM/REMOVE
432	BUSH	359.8	9.8	350.0	23.0	TRIM/REMOVE
721	TREE	654.1	54.1	600.0	24.9	TRIM/REMOVE
723	TREE	653.7	53.7	600.0	1.6	TRIM/REMOVE
974	TREE	409.5	12.6	396.9	15.6	TRIM/REMOVE
2686	TREE	424.3	42.4	381.9	9.7	TRIM/REMOVE
3237	TREE	354.0	47.5	306.5	41.1	TRIM/REMOVE
3603	TREE	370.5	56.9	313.6	50.0	TRIM/REMOVE
3654	TREE	424.6	74.6	350.0	60.2	TRIM/REMOVE
5893	TREE	426.1	76.1	350.0	37.4	TRIM/REMOVE
6217	BUSH	367.2	11.3	355.9	19.9	TRIM/REMOVE
13762	TREE	338.2	38.2	300.0	18.7	TRIM/REMOVE
13793	GROUND	251.7	0.0	251.7	4.2	NO ACTION
13954	GROUND	310.8	0.0	310.8	5.8	NO ACTION
15102	TREE	423.9	73.9	350.0	8.7	TRIM/REMOVE
15174	TREE	422.3	72.3	350.0	28.6	TRIM/REMOVE
15198	TREE	399.6	63.2	336.5	92.0	TRIM/REMOVE
15211	TREE	413.3	63.3	350.0	86.1	TRIM/REMOVE
16573	TREE	407.0	66.9	340.2	93.4	TRIM/REMOVE
17635	TREE	418.9	61.4	357.5	70.6	TRIM/REMOVE
17890	TREE	423.5	25.4	398.1	28.8	TRIM/REMOVE
18078	TREE	367.7	63.9	303.8	68.4	TRIM/REMOVE
18325	TREE	395.1	51.4	343.8	81.4	TRIM/REMOVE
18433	TREE	389.8	80.8	309.0	84.3	TRIM/REMOVE
18524	TREE	259.6	59.6	200.0	1.0	TRIM/REMOVE
18525	TREE	260.3	60.3	200.0	1.9	TRIM/REMOVE
18657	TREE	344.6	44.6	300.0	0.9	TRIM/REMOVE
18732	TREE	363.5	63.5	300.0	66.9	TRIM/REMOVE
18952	TREE	381.0	67.3	313.7	53.5	TRIM/REMOVE
19375	TREE	433.5	71.1	362.4	62.2	TRIM/REMOVE
19989	TREE	408.0	58.0	350.0	56.4	TRIM/REMOVE
20051	TREE	363.2	63.2	300.0	45.1	TRIM/REMOVE
20651	TREE	416.6	66.6	350.0	55.1	TRIM/REMOVE
20657	TREE	411.1	61.1	350.0	32.4	TRIM/REMOVE
20662	TREE	392.1	51.0	341.1	48.3	TRIM/REMOVE
20666	TREE	380.0	47.4	332.7	42.0	TRIM/REMOVE
20738	TREE	395.1	70.7	324.5	20.3	TRIM/REMOVE
20840	GROUND	302.4	0.0	302.4	0.5	NO ACTION
20843	ANTENNA	287.3	41.6	245.7	31.9	NO ACTION
21178	POLE	414.8	14.7	400.1	8.3	MARK/LIGHT
21222	BUILDING	387.2	9.9	377.2	22.7	MARK/LIGHT
21290	FENCE	383.8	8.7	375.1	21.6	NO ACTION
21361	POLE	480.8	37.3	443.5	29.2	MARK/LIGHT
21371	TREE	455.7	34.1	421.6	25.1	TRIM/REMOVE
21629	POLE	405.4	36.5	368.9	44.9	MARK/LIGHT
21632	TREE	444.4	45.5	398.9	47.5	TRIM/REMOVE
21660	POLE	415.3	39.6	375.7	2.6	MARK/LIGHT
21685	TREE	403.6	60.9	342.8	90.0	TRIM/REMOVE
21922	TREE	366.6	66.6	300.0	49.8	TRIM/REMOVE
21948	TREE	426.4	68.9	357.5	23.9	TRIM/REMOVE
21957	TREE	426.5	59.7	366.8	5.1	TRIM/REMOVE
21965	POWER TRANSMISSION POLE	486.2	81.0	405.1	84.1	MARK/LIGHT
21975	POWER TRANSMISSION POLE	481.6	75.7	405.9	49.5	MARK/LIGHT
22384	TREE	405.9	12.8	393.1	14.6	TRIM/REMOVE
22482	TREE	383.2	60.7	322.5	33.5	TRIM/REMOVE
22485	TREE	279.3	74.2	205.0	11.4	TRIM/REMOVE
22497	PARKING LOT	370.8	10.0	360.8	11.0	NO ACTION
22503	TREE	417.4	66.6	350.8	71.4	TRIM/REMOVE
22524	POLE	421.4	17.4	404.0	17.1	MARK/LIGHT
22554	UTILITY POLE	406.4	39.9	366.5	43.6	MARK/LIGHT
22837	GROUND	332.0	0.0	332.0	14.6	NO ACTION
22839	GROUND	341.3	0.0	341.3	18.1	NO ACTION

NOTES:

1. FOR CLARITY AND TO AVOID REPEATING OBJECTS, TOP ELEVATIONS OF PENETRATING OBJECTS FOR THE INNER PORTION OF THE APPROACH SURFACES ARE SHOWN ON THE FUTURE INNER PORTION OF THE APPROACH SURFACE OBSTRUCTION DATA TABLE SHEETS. ALL RUNWAY 24L/24R APPROACH OBSTRUCTIONS ARE DEPICTED ON THE INNER PORTION OF THE APPROACH SURFACE DATA TABLE SHEETS.
2. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
3. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
4. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1, *OBSTRUCTION MARKING AND LIGHTING*.
5. ALL ELEVATIONS ARE IN FEET.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

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A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE OBSTRUCTION TABLES PRIMARY AND TRANSITIONAL SURFACES

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 18 OF 51

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FUTURE PART 77 HORIZONTAL SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	SURFACE PENETRATION	PROPOSED DISPOSITION
		MSL	AGL			
548	UTILITY POLE	468.4	39.7	428.8	13.4	MARK/LIGHT
1461	TREE	479.1	42.6	436.6	24.1	TRIM/REMOVE
1628	TREE	482.4	44.9	437.5	27.4	TRIM/REMOVE
1671	TREE	487.8	66.0	421.7	32.8	TRIM/REMOVE
1710	TREE	533.4	83.4	450.0	78.4	TRIM/REMOVE
1793	BUILDING	489.3	31.9	457.4	34.3	MARK/LIGHT
2086	TREE	464.6	64.6	400.0	9.6	TRIM/REMOVE
2539	TREE	477.5	58.2	419.3	22.5	TRIM/REMOVE
2550	TREE	514.1	64.1	450.0	59.1	TRIM/REMOVE
2590	TREE	469.5	61.3	408.2	14.5	TRIM/REMOVE
2957	ANTENNA	461.5	78.4	383.1	6.5	MARK/LIGHT
2958	ANTENNA	456.8	78.0	378.8	1.8	MARK/LIGHT
2959	ANTENNA	505.3	121.1	384.2	50.3	MARK/LIGHT
2969	ANTENNA	462.8	77.8	385.0	7.8	MARK/LIGHT
2976	ANTENNA	694.3	70.6	623.7	239.3	MARK/LIGHT
3152	UTILITY POLE	508.2	37.9	470.3	53.2	MARK/LIGHT
3154	UTILITY POLE	504.5	37.1	467.4	49.5	MARK/LIGHT
3321	CELL TOWER	493.4	61.3	432.1	38.4	MARK/LIGHT
3935	TREE	666.0	38.2	627.8	211.0	TRIM/REMOVE
3963	UTILITY POLE	660.4	39.4	621.0	205.4	MARK/LIGHT
3981	UTILITY POLE	460.2	37.9	422.4	5.2	MARK/LIGHT
4012	UTILITY POLE	477.0	37.7	439.2	22.0	MARK/LIGHT
4025	UTILITY POLE	592.4	41.9	550.5	137.4	MARK/LIGHT
4042	UTILITY POLE	525.8	37.7	488.0	70.8	MARK/LIGHT
4056	UTILITY POLE	553.3	42.4	510.9	98.3	MARK/LIGHT
5579	TREE	507.8	39.3	468.6	52.8	TRIM/REMOVE
6321	TREE	469.9	41.5	428.3	14.9	TRIM/REMOVE
6470	TREE	501.4	53.9	447.5	46.4	TRIM/REMOVE
6714	TREE	610.0	43.2	566.8	155.0	TRIM/REMOVE
6887	TREE	529.5	79.5	450.0	74.5	TRIM/REMOVE
6920	TREE	539.1	89.1	450.0	84.1	TRIM/REMOVE
7011	TREE	467.6	29.3	438.3	12.6	TRIM/REMOVE
7102	TREE	508.3	58.3	450.0	53.3	TRIM/REMOVE
7123	TREE	539.9	89.9	450.0	84.9	TRIM/REMOVE
7179	TREE	522.7	72.7	450.0	67.7	TRIM/REMOVE
7434	TREE	546.8	46.8	500.0	91.8	TRIM/REMOVE
7462	TREE	536.9	33.4	503.6	81.9	TRIM/REMOVE
7590	TREE	536.9	36.9	500.0	81.9	TRIM/REMOVE
7635	TREE	586.3	34.0	552.3	131.3	TRIM/REMOVE
7863	TREE	596.3	30.0	566.3	141.3	TRIM/REMOVE
8435	TREE	640.1	25.1	615.0	185.1	TRIM/REMOVE
8631	TREE	645.1	45.1	600.0	190.1	TRIM/REMOVE
8679	TREE	572.6	46.5	526.1	117.6	TRIM/REMOVE
9466	TREE	531.3	81.3	450.0	76.3	TRIM/REMOVE
9616	TREE	504.0	52.7	451.3	49.0	TRIM/REMOVE
9619	TREE	490.8	44.9	445.9	35.8	TRIM/REMOVE
9674	TREE	492.3	43.2	449.1	37.3	TRIM/REMOVE
9758	TREE	472.6	49.5	423.1	17.6	TRIM/REMOVE
9763	TREE	461.2	61.2	400.0	6.2	TRIM/REMOVE
9768	TREE	475.4	75.2	400.2	20.4	TRIM/REMOVE
9773	TREE	465.7	50.0	415.7	10.7	TRIM/REMOVE
9828	TREE	461.2	43.8	417.4	6.2	TRIM/REMOVE
9844	TREE	475.4	32.2	443.2	20.4	TRIM/REMOVE
9846	TREE	466.8	47.5	419.4	11.8	TRIM/REMOVE
9866	TREE	520.9	59.6	461.3	65.9	TRIM/REMOVE
10047	TREE	503.1	56.3	446.8	48.1	TRIM/REMOVE
10609	TREE	546.6	37.7	508.9	91.6	TRIM/REMOVE
10657	TREE	590.3	32.3	558.0	135.3	TRIM/REMOVE
11075	TREE	639.6	39.6	600.0	184.5	TRIM/REMOVE
12183	TREE	655.1	32.3	622.7	200.1	TRIM/REMOVE
12313	TREE	619.9	46.7	573.2	164.9	TRIM/REMOVE
12319	TREE	609.3	36.3	573.0	154.3	TRIM/REMOVE
12842	TREE	518.1	68.1	450.0	63.1	TRIM/REMOVE
12888	TREE	518.6	59.0	459.5	63.6	TRIM/REMOVE
13274	TREE	687.5	44.4	643.1	232.5	TRIM/REMOVE
13290	TREE	642.1	33.9	608.2	187.1	TRIM/REMOVE
13299	TREE	681.1	56.3	624.8	226.1	TRIM/REMOVE
13527	TREE	656.9	56.9	600.0	201.9	TRIM/REMOVE
13622	TREE	561.6	41.7	519.9	106.6	TRIM/REMOVE
13682	TREE	581.6	49.5	532.1	126.6	TRIM/REMOVE

FUTURE PART 77 HORIZONTAL SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	SURFACE PENETRATION	PROPOSED DISPOSITION
		MSL	AGL			
14768	TREE	622.2	40.2	582.0	167.2	TRIM/REMOVE
14782	TREE	623.1	46.2	576.9	168.1	TRIM/REMOVE
15966	TREE	467.8	22.2	445.7	12.8	TRIM/REMOVE
16160	TREE	578.5	57.2	521.3	123.5	TRIM/REMOVE
16171	TREE	622.2	47.1	575.2	167.2	TRIM/REMOVE
16211	TREE	471.7	35.2	436.5	16.7	TRIM/REMOVE
16217	TREE	485.7	47.6	438.2	30.7	TRIM/REMOVE
16349	TREE	493.3	53.7	439.6	38.3	TRIM/REMOVE
16366	TREE	568.0	46.1	521.9	113.0	TRIM/REMOVE
20592	ANTENNA	763.2	163.0	600.2	308.2	MARK/LIGHT
20629	TREE	494.7	47.1	447.7	39.7	TRIM/REMOVE
20631	TREE	495.5	50.4	445.1	40.5	TRIM/REMOVE
20632	TREE	508.5	58.5	450.0	53.5	TRIM/REMOVE
20699	TREE	529.6	79.6	450.0	74.6	TRIM/REMOVE
20704	TREE	523.8	46.3	477.5	68.8	TRIM/REMOVE
20997	TREE	492.3	65.6	426.7	37.3	TRIM/REMOVE
20998	TREE	484.4	58.1	426.4	29.4	TRIM/REMOVE
21015	TREE	468.1	51.4	416.8	13.1	TRIM/REMOVE
21018	TREE	478.2	56.0	422.2	23.2	TRIM/REMOVE
21112	ANTENNA	756.6	97.8	658.7	301.6	MARK/LIGHT
21204	TREE	535.2	85.2	450.0	80.2	TRIM/REMOVE
21333	TREE	493.2	43.2	450.0	38.2	TRIM/REMOVE
21335	TREE	463.7	57.1	406.6	8.7	TRIM/REMOVE
21347	TREE	478.0	44.7	433.3	23.0	TRIM/REMOVE
21396	TREE	488.4	60.7	427.7	33.4	TRIM/REMOVE
21401	TREE	545.2	57.3	487.9	90.2	TRIM/REMOVE
21402	TREE	567.6	57.3	510.4	112.6	TRIM/REMOVE
21416	TREE	484.9	64.1	420.8	29.9	TRIM/REMOVE
21427	TREE	494.3	62.4	431.8	39.2	TRIM/REMOVE
21439	TREE	583.8	42.8	541.0	128.8	TRIM/REMOVE
21465	TREE	494.7	59.8	434.9	39.7	TRIM/REMOVE
21466	TREE	517.5	63.4	454.1	62.5	TRIM/REMOVE
21469	TREE	528.1	59.5	468.6	73.1	TRIM/REMOVE
21474	TREE	527.2	41.3	485.9	72.2	TRIM/REMOVE
21489	POLE	682.7	37.1	645.6	227.7	LOWER/RELOCATE
21495	POLE	665.7	38.4	627.3	210.7	LOWER/RELOCATE
21496	ANTENNA	805.6	154.2	651.4	350.6	MARK/LIGHT
21497	ANTENNA	782.4	131.0	651.3	327.4	MARK/LIGHT
21504	ANTENNA	813.3	154.9	658.4	358.3	MARK/LIGHT
21506	BUILDING	701.7	89.9	611.8	246.7	MARK/LIGHT
21542	POLE	690.7	35.7	655.0	235.7	MARK/LIGHT
21560	TREE	567.5	54.2	513.3	112.5	TRIM/REMOVE
21569	TREE	545.9	34.5	511.3	90.9	TRIM/REMOVE
21613	BUILDING	525.5	32.2	493.3	70.5	MARK/LIGHT
21699	ANTENNA	803.4	200.1	603.3	348.4	MARK/LIGHT
21700	TREE	667.5	67.5	600.0	212.5	TRIM/REMOVE
21705	TREE	657.0	57.0	600.0	202.0	TRIM/REMOVE
21707	TREE	647.8	47.8	600.0	192.8	TRIM/REMOVE
21727	TREE	510.7	60.7	450.0	55.7	TRIM/REMOVE
21743	TREE	532.0	66.3	465.7	77.0	TRIM/REMOVE
21746	TREE	599.9	43.3	556.6	144.9	TRIM/REMOVE
21756	TREE	629.6	79.6	550.0	174.6	TRIM/REMOVE
21773	TREE	501.7	34.4	467.2	46.7	TRIM/REMOVE
21814	TREE	547.2	60.6	486.6	92.2	TRIM/REMOVE
21829	POLE	628.9	48.4	580.5	173.8	MARK/LIGHT
21830	TREE	657.4	57.4	600.0	202.4	TRIM/REMOVE
21833	TREE	663.6	63.6	600.0	208.6	TRIM/REMOVE
21840	TREE	648.7	48.7	600.0	193.7	TRIM/REMOVE
21848	POLE	466.9	44.7	422.1	11.9	MARK/LIGHT
21850	TREE	686.5	59.1	627.3	231.5	TRIM/REMOVE
21869	TREE	668.0	58.2	609.8	213.0	TRIM/REMOVE
21885	TREE	660.4	60.4	600.0	205.4	TRIM/REMOVE
21887	TREE	657.1	57.1	600.0	202.1	TRIM/REMOVE
21901	TREE	579.9	30.5	549.4	124.9	TRIM/REMOVE
21977	POWER TRANSMISSION POLE	488.1	80.1	408.1	33.1	MARK/LIGHT
21978	POWER TRANSMISSION POLE	490.3	83.4	406.9	35.3	MARK/LIGHT
21980	POWER TRANSMISSION POLE	477.9	74.5	403.4	22.9	MARK/LIGHT
21983	POWER TRANSMISSION POLE	465.2	74.1	391.1	10.2	MARK/LIGHT
21984	POWER TRANSMISSION POLE	462.8	74.0	388.8	7.8	MARK/LIGHT
21988	POWER TRANSMISSION POLE	459.4	80.8	378.6	4.4	MARK/LIGHT

FUTURE PART 77 HORIZONTAL SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	SURFACE PENETRATION	PROPOSED DISPOSITION
		MSL	AGL			
21989	POWER TRANSMISSION POLE	461.8	86.8	375.1	6.8	MARK/LIGHT
22080	TREE	478.8	72.2	406.6	23.8	TRIM/REMOVE
22204	TREE	486.6	37.0	449.7	31.6	TRIM/REMOVE
22607	TREE	475.8	42.7	433.1	20.8	TRIM/REMOVE
22646	UTILITY POLE	614.7	27.5	587.2	159.7	MARK/LIGHT
22676	TREE	497.8	61.7	436.1	42.8	TRIM/REMOVE
22692	TREE	605.8	30.6	575.2	150.8	TRIM/REMOVE
22693	TREE	656.3	56.3	600.0	201.3	TRIM/REMOVE
22697	TREE	652.3	52.3	600.0	197.3	TRIM/REMOVE
22704	TREE	602.8	54.2	548.6	147.8	TRIM/REMOVE
22717	TREE	629.1	58.3	570.8	174.1	TRIM/REMOVE
22728	TREE	646.5	46.5	600.0	191.5	TRIM/REMOVE
22763	ANTENNA	760.3	105.0	655.2	305.3	MARK/LIGHT
22765	POLE	696.5	44.4	652.0	241.5	MARK/LIGHT
22797	TREE	579.2	49.9	529.3	124.2	TRIM/REMOVE
22826	BUILDING	652.7	33.3	619.4	197.7	MARK/LIGHT

FUTURE PART 77 CONICAL SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	SURFACE PENETRATION	PROPOSED DISPOSITION
		MSL	AGL			
2960	ANTENNA	499.3	121.3	378.0	23.1	MARK/LIGHT
2962	ANTENNA	505.3	121.3	383.9	18.0	MARK/LIGHT
2967	ANTENNA	525.3	121.1	404.2	18.4	MARK/LIGHT
3937	ANTENNA	525.0	120.7	404.3	19.4	MARK/LIGHT
3938	ANTENNA	514.5	122.2	392.3	42.1	MARK/LIGHT
6272	TREE	476.6	58.2	418.4	6.6	TRIM/REMOVE
22824	ANTENNA	511.8	122.1	389.6	50.8	MARK/LIGHT

NOTES:

1. FOR CLARITY AND TO AVOID REPEATING OBJECTS, TOP ELEVATIONS OF PENETRATING OBJECTS FOR THE INNER PORTION OF THE APPROACH SURFACES ARE SHOWN ON THE FUTURE INNER PORTION OF THE APPROACH SURFACE OBSTRUCTION DATA TABLE SHEETS. ALL RUNWAY 24L/24R APPROACH OBSTRUCTIONS ARE DEPICTED ON THE INNER PORTION OF THE APPROACH SURFACE DATA TABLE SHEETS.
2. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
3. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
4. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1, *OBSTRUCTION MARKING AND LIGHTING*.
5. ALL ELEVATIONS ARE IN FEET.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE OBSTRUCTION TABLES HORIZONTAL AND CONICAL SURFACE

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 19 OF 51

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FUTURE PART 77 RUNWAY 6L/6R OUTER APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	SURFACE PENETRATION	PROPOSED DISPOSITION
		MSL	AGL			
29	UTILITY POLE	664.1	37.2	626.8	13.6	MARK/LIGHT
525	FLAGPOLE	668.5	46.7	621.8	10.8	MARK/LIGHT
527	TREE	675.4	61.2	614.2	12.9	TRIM/REMOVE
532	TREE	673.8	67.5	606.3	18.5	TRIM/REMOVE
545	TREE	681.9	51.4	630.5	32.5	TRIM/REMOVE
650	TREE	662.2	15.6	646.6	59.9	TRIM/REMOVE
675	TREE	686.7	81.5	605.2	22.0	TRIM/REMOVE
682	TREE	695.2	45.2	650.0	45.3	TRIM/REMOVE
685	TREE	679.1	29.1	650.0	30.9	TRIM/REMOVE
687	TREE	688.1	38.1	650.0	47.1	TRIM/REMOVE
690	TREE	675.4	27.4	648.0	23.9	TRIM/REMOVE
717	TREE	664.7	52.8	611.9	31.3	TRIM/REMOVE
730	TREE	684.7	58.9	625.7	55.3	TRIM/REMOVE
993	TREE	675.6	32.6	643.0	25.1	TRIM/REMOVE
3051	TREE	681.6	49.9	631.6	33.8	TRIM/REMOVE
3061	TREE	682.1	52.9	629.2	58.4	TRIM/REMOVE
3066	TREE	670.8	39.3	631.6	47.6	TRIM/REMOVE
3068	TREE	632.1	58.0	574.0	7.7	TRIM/REMOVE
3676	TREE	645.4	44.9	600.6	38.7	TRIM/REMOVE
3701	GROUND	635.2	0.0	635.2	4.3	NO ACTION
3729	TREE	658.4	30.9	627.5	36.9	TRIM/REMOVE
3747	TREE	619.6	28.1	591.4	8.6	TRIM/REMOVE
6311	OTHER	920.1	23.3	896.9	27.8	MARK/LIGHT
6315	NATURAL	1001.4	51.4	950.0	31.9	NO ACTION
8026	NATURAL	959.0	59.0	900.0	13.2	NO ACTION
8027	NATURAL	990.1	40.1	950.0	55.3	NO ACTION
8029	NATURAL	1003.1	53.1	950.0	82.7	NO ACTION
8034	NATURAL	956.4	6.4	950.0	32.6	NO ACTION
8038	NATURAL	955.9	55.9	900.0	8.7	NO ACTION
8039	NATURAL	1014.6	64.6	950.0	81.0	NO ACTION
8046	NATURAL	939.0	32.7	906.3	9.2	NO ACTION
8074	NATURAL	990.6	28.6	962.0	78.3	NO ACTION
8082	NATURAL	975.3	55.6	919.7	81.1	NO ACTION
8087	NATURAL	973.1	57.8	915.4	82.6	NO ACTION
8094	NATURAL	948.3	5.8	942.4	51.7	NO ACTION
8117	NATURAL	969.0	19.0	950.0	78.3	NO ACTION
8120	NATURAL	1046.5	46.5	1000.0	148.4	NO ACTION
8123	NATURAL	988.7	17.7	971.0	84.7	NO ACTION
8125	NATURAL	1036.1	36.1	1000.0	124.3	NO ACTION
8133	NATURAL	881.8	16.1	865.6	4.5	NO ACTION
8137	NATURAL	887.8	12.1	875.7	26.3	NO ACTION
8140	NATURAL	919.7	16.2	903.5	51.2	NO ACTION
8141	NATURAL	904.6	16.8	887.8	37.1	NO ACTION
8148	NATURAL	953.0	48.7	904.3	67.3	NO ACTION
8155	NATURAL	1010.1	17.5	992.6	141.6	NO ACTION
8156	NATURAL	963.8	35.5	928.3	98.4	NO ACTION
8163	NATURAL	982.7	32.7	950.0	104.7	NO ACTION
8166	NATURAL	894.5	44.5	850.0	54.3	NO ACTION
8167	NATURAL	908.0	8.0	900.0	63.5	NO ACTION
8168	OTHER	1191.8	181.7	1010.1	289.5	MARK/LIGHT
8170	OTHER	1183.6	115.2	1068.3	278.7	MARK/LIGHT
8178	OTHER	983.7	46.6	937.1	59.3	NO ACTION
8182	OTHER	1028.2	47.5	980.7	102.6	MARK/LIGHT
8184	OTHER	1019.8	47.7	972.0	111.7	MARK/LIGHT
8185	OTHER	1014.5	46.3	968.2	105.1	MARK/LIGHT
8198	OTHER	933.3	42.5	890.8	46.0	MARK/LIGHT
8229	GROUND	949.7	0.0	949.7	37.4	NO ACTION
17381	NATURAL	930.3	30.3	900.0	19.7	NO ACTION
20763	GROUND	688.0	0.0	688.0	61.7	NO ACTION
20967	TREE	706.4	56.4	650.0	58.7	TRIM/REMOVE
20994	TREE	687.1	37.1	650.0	71.1	TRIM/REMOVE
20995	TREE	698.1	49.6	648.5	72.0	TRIM/REMOVE
22085	ANTENNA	723.1	64.2	658.9	93.1	MARK/LIGHT
22086	GROUND	709.7	0.0	709.7	90.2	NO ACTION

NOTES:

1. FOR CLARITY AND TO AVOID REPEATING OBJECTS, TOP ELEVATIONS OF PENETRATING OBJECTS FOR THE INNER PORTION OF THE APPROACH SURFACES ARE SHOWN ON THE FUTURE INNER PORTION OF THE APPROACH SURFACE OBSTRUCTION DATA TABLE SHEETS. ALL RUNWAY 24L/24R APPROACH OBSTRUCTIONS ARE DEPICTED ON THE INNER PORTION OF THE APPROACH SURFACE DATA TABLE SHEETS.
2. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
3. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
4. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1, *OBSTRUCTION MARKING AND LIGHTING*.
5. ALL ELEVATIONS ARE IN FEET.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR: 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE AIRSPACE OBSTRUCTION TABLES OUTER APPROACH SURFACE

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM

DRAWN: RJM/MNE CHECKED: WBS

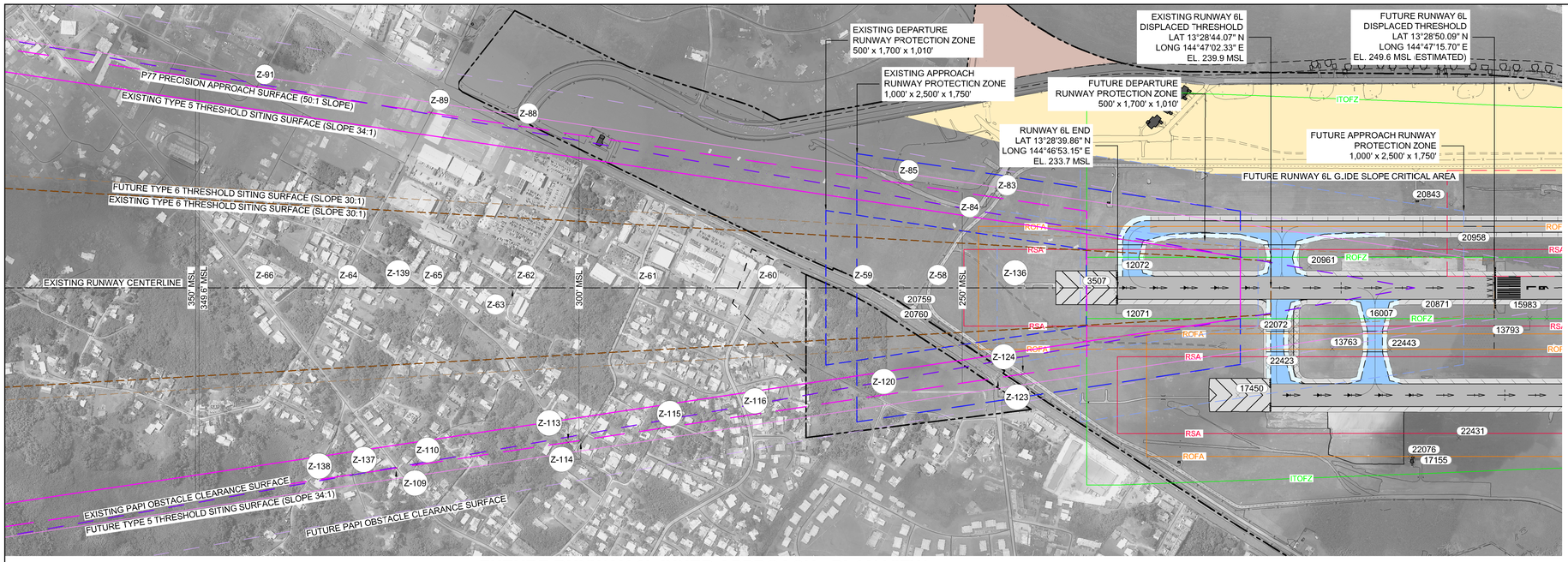
PROJECT MANAGER: EDL

PROJECT DIRECTOR: DS

DATE: 06/23

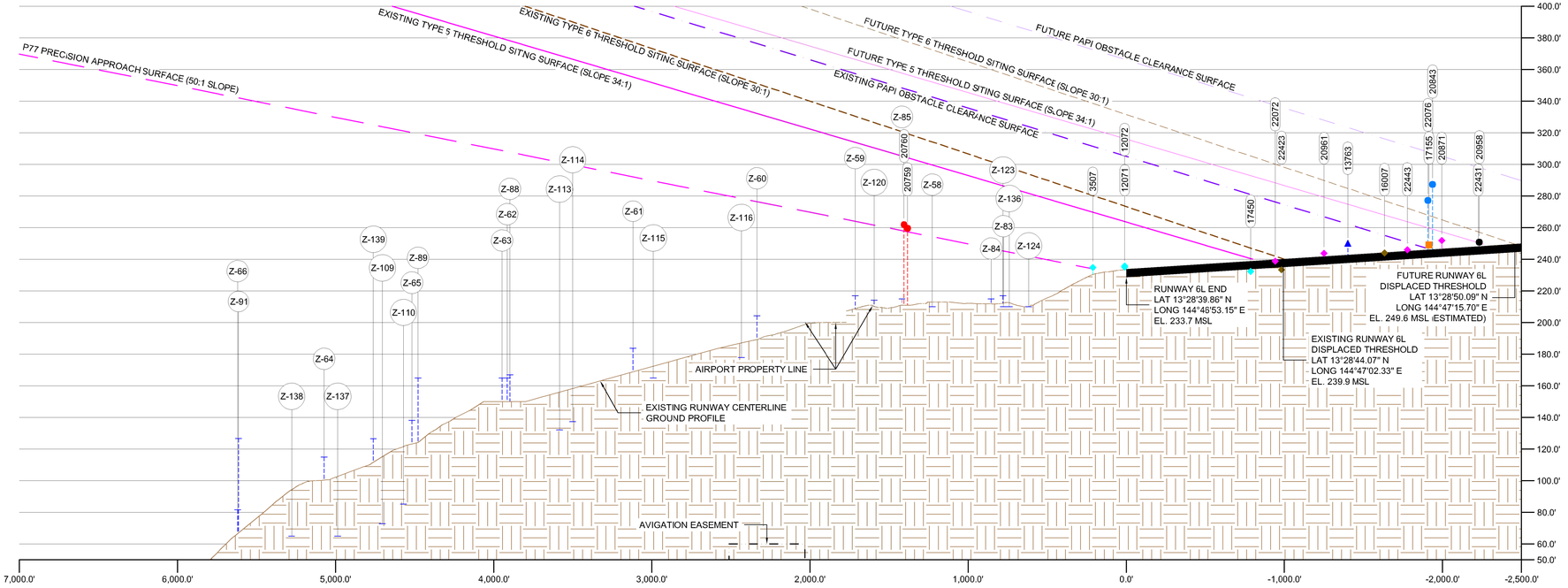
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FUTURE RUNWAY 6L INNER APPROACH - PLAN VIEW

HORIZONTAL SCALE : 1" = 400'



FUTURE RUNWAY 6L INNER APPROACH - PROFILE VIEW

HORIZONTAL SCALE : 1" = 400'
VERTICAL SCALE : 1" = 40'

LEGEND

ITEM	
AIRPORT PROPERTY LINE	
FUTURE AIRPORT PROPERTY LINE	
AIRFIELD PAVEMENT	
FUTURE AIRFIELD PAVEMENT	
AIRFIELD PAVEMENT TO BE REMOVED	
AIRFIELD SHOULDER PAVEMENT	
FUTURE AIRFIELD SHOULDER PAVEMENT	
ON-AIRPORT BUILDINGS	
FUTURE ON-AIRPORT BUILDINGS / STRUCTURES	
OFF-AIRPORT BUILDINGS	
ROADS & VEHICLE PARKING	
FUTURE ROADS & VEHICLE PARKING	
FENCE	
EXTENDED RUNWAY CENTERLINE	
RUNWAY SAFETY AREA	RSA
RUNWAY OBJECT FREE AREA	ROFA
RUNWAY OBSTACLE FREE ZONE	ROFZ
RUNWAY PROTECTION ZONE	
FUTURE RUNWAY PROTECTION ZONE	
PART 77 APPROACH SURFACE	
TYPE 5 THRESHOLD SITING SURFACE	
FUTURE TYPE 5 THRESHOLD SITING SURFACE	
TYPE 6 THRESHOLD SITING SURFACE	
FUTURE TYPE 6 THRESHOLD SITING SURFACE	
PAPI OBSTACLE CLEARANCE SURFACE	
FUTURE PAPI OBSTACLE CLEARANCE SURFACE	
PROPOSED PROPERTY ACQUISITION	
FUTURE AERONAUTICAL DEVELOPMENT	
FUTURE NON-AERONAUTICAL DEVELOPMENT	
EASEMENT	
PRECISION OBSTACLE FREE ZONE (POFZ)	
LOCALIZER CRITICAL AREA	
GLIDE SLOPE CRITICAL AREA	
RUNWAY THRESHOLD LIGHTS	
PAPI	
FUTURE WIND CONE	
ASOS	
ROTATING BEACON	
AIRPORT REFERENCE POINT (ARP)	
5' GROUND CONTOUR	250
VEGETATION ' TREES	

OBSTRUCTIONS LEGEND

ITEM		
TREE/BUSH	XXXX	◆
POLE	XXXX	●
GROUND	XXXX	◆
BUILDING	XXXX	■
FENCE	XXXX	×
TOWER/ANTENNA	XXXX	●
NAVAID	XXXX	▲
LIGHT	XXXX	◆
SIGN	XXXX	◆
OTHER	XXXX	●
ROAD/TRAVERSEWAY	Z-X	–

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWINGS PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NCDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION ON SHEET 22. THERE ARE NO OBSTRUCTIONS TO THE FUTURE THRESHOLD SITING SURFACE FOR THIS RUNWAY END.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
8. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS.
9. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE. NON-STANDARD DRAWING SCALES ARE REQUIRED TO DEPICT THE EXTENTS OF ANALYZED SURFACES.
10. THE FUTURE INNER APPROACH OBSTACLE FREE ZONE FALLS WITHIN THE LIMITS OF THE RUNWAY OBSTACLE FREE ZONE. THEREFORE, THE INNER APPROACH OBSTACLE FREE ZONE IS NOT DEPICTED, AND OBSTRUCTIONS ARE ANALYZED BASED ON THE RUNWAY OBSTACLE FREE ZONE AND INNER TRANSITIONAL OBSTACLE FREE ZONE FOR THE FULL LENGTH OF THE RUNWAY.
8. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAG NORTH (9.4°E)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0° 1' (0.017') WEST / YEAR

400 0 400
HORIZONTAL SCALE IN FEET
SCALE : 1" = 400'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 6L INNER PORTION OF THE APPROACH SURFACE DRAWING

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 21 OF 51

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RUNWAY 6L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
3507	RUNWAY LIGHT	234.8	4.4	230.3	234.0	0.8	322.2	-87.4	338.5	-103.8	260.2	-25.4	372.6	-137.8	NO ACTION
12071	RUNWAY LIGHT	235.1	1.6	233.5	N/A	N/A	316.3	-81.2	331.9	-96.7	233.7	1.4	366.4	-131.3	NO ACTION
12072	RUNWAY LIGHT	235.8	2.0	233.7	N/A	N/A	316.3	-80.5	331.9	-96.1	233.7	2.0	366.4	-130.7	NO ACTION
13763	WINDSOCK	249.5	10.1	239.4	N/A	N/A	N/A	N/A	N/A	N/A	315.5	-65.9	N/A	N/A	NO ACTION
13793	GROUND	251.7	N/A	251.7	N/A	N/A	N/A	N/A	N/A	N/A	291.1	-39.5	N/A	N/A	NO ACTION
13817	GROUND	261.8	N/A	261.8	N/A	N/A	N/A	N/A	N/A	N/A	346.2	-84.4	N/A	N/A	NO ACTION
13834	SIGN	263.0	3.6	259.4	N/A	N/A	N/A	N/A	N/A	N/A	312.6	-49.6	N/A	N/A	NO ACTION
13835	GROUND	267.5	N/A	267.5	N/A	N/A	N/A	N/A	N/A	N/A	349.9	-82.4	N/A	N/A	NO ACTION
15983	GROUND	251.5	N/A	251.5	N/A	N/A	N/A	N/A	N/A	N/A	292.0	-40.5	N/A	N/A	NO ACTION
16007	GROUND	244.0	N/A	244.0	N/A	N/A	267.9	-23.9	277.0	-33.0	285.5	-41.5	316.5	-72.5	NO ACTION
17155	BUILDING	249.1	13.0	236.1	N/A	N/A	N/A	N/A	N/A	N/A	439.5	-190.4	N/A	N/A	NO ACTION
17301	GROUND	259.4	N/A	259.4	N/A	N/A	N/A	N/A	N/A	N/A	427.3	-167.9	N/A	N/A	NO ACTION
17354	GROUND	251.4	N/A	251.4	N/A	N/A	N/A	N/A	N/A	N/A	424.0	-172.5	N/A	N/A	NO ACTION
17360	GROUND	257.0	N/A	257.0	N/A	N/A	N/A	N/A	N/A	N/A	439.3	-182.4	N/A	N/A	NO ACTION
17361	GROUND	256.4	N/A	256.4	N/A	N/A	N/A	N/A	N/A	N/A	436.9	-180.6	N/A	N/A	NO ACTION
17450	RUNWAY LIGHT	232.3	5.7	226.6	N/A	N/A	N/A	N/A	N/A	N/A	362.0	-129.7	N/A	N/A	NO ACTION
20575	SIGN	263.7	4.8	258.9	N/A	N/A	N/A	N/A	N/A	N/A	259.3	4.4	N/A	N/A	LOWER/RELOCATE
20576	SIGN	264.8	3.9	260.9	N/A	N/A	N/A	N/A	N/A	N/A	314.5	-49.7	N/A	N/A	NO ACTION
20754	SIGN	256.8	3.4	253.4	N/A	N/A	N/A	N/A	N/A	N/A	255.2	1.6	N/A	N/A	LOWER/RELOCATE
20755	SIGN	261.3	4.8	256.4	N/A	N/A	N/A	N/A	N/A	N/A	256.1	5.2	N/A	N/A	LOWER/RELOCATE
20759	POLE	259.6	48.6	211.1	257.4	2.2	356.7	-97.0	377.6	-118.0	283.6	-24.0	408.4	-148.8	MARK/LIGHT
20760	POLE	261.9	50.8	211.1	257.8	4.1	357.3	-95.4	378.4	-116.4	N/A	N/A	409.2	-147.3	MARK/LIGHT
20843	ANTENNA	287.3	41.6	245.7	N/A	N/A	N/A	N/A	N/A	N/A	347.0	-59.7	N/A	N/A	NO ACTION
20870	SIGN	257.5	5.0	252.5	N/A	N/A	N/A	N/A	N/A	N/A	252.6	4.8	N/A	N/A	LOWER/RELOCATE
20871	SIGN	251.9	3.3	248.6	N/A	N/A	257.3	-5.4	265.0	-13.1	246.2	5.8	305.3	-53.4	LOWER/RELOCATE
20958	UTILITY BOX	250.8	3.7	247.1	N/A	N/A	N/A	N/A	N/A	N/A	302.2	-51.4	N/A	N/A	NO ACTION
20959	SIGN	256.1	3.3	252.8	N/A	N/A	N/A	N/A	N/A	N/A	254.4	1.8	N/A	N/A	LOWER/RELOCATE
20961	SIGN	243.7	3.0	240.7	N/A	N/A	279.2	-35.5	289.8	-46.1	241.4	2.3	328.0	-84.3	LOWER/RELOCATE
21043	SIGN	269.4	5.1	264.4	N/A	N/A	N/A	N/A	N/A	N/A	357.2	-87.8	N/A	N/A	NO ACTION
21049	SIGN	268.9	3.5	265.4	N/A	N/A	N/A	N/A	N/A	N/A	337.5	-68.5	N/A	N/A	NO ACTION
22072	SIGN	238.8	3.3	235.5	N/A	N/A	288.3	-49.5	N/A	N/A	293.4	-54.6	337.8	-99.0	NO ACTION
22076	ANTENNA	277.2	40.8	236.4	N/A	N/A	N/A	N/A	N/A	N/A	435.5	-158.2	N/A	N/A	NO ACTION
22081	SIGN	263.7	4.5	259.1	N/A	N/A	N/A	N/A	N/A	N/A	354.1	-90.4	N/A	N/A	NO ACTION
22082	GROUND	259.6	N/A	259.6	N/A	N/A	N/A	N/A	N/A	N/A	427.1	-167.5	N/A	N/A	NO ACTION
22251	GROUND	255.9	N/A	255.9	N/A	N/A	N/A	N/A	N/A	N/A	325.8	-69.9	N/A	N/A	NO ACTION
22423	GROUND	233.3	N/A	233.3	N/A	N/A	N/A	N/A	N/A	N/A	333.1	-99.8	N/A	N/A	NO ACTION
22431	UTILITY BOX	246.0	3.0	243.0	N/A	N/A	N/A	N/A	N/A	N/A	417.7	-171.7	N/A	N/A	NO ACTION
22443	SIGN	246.0	3.3	242.7	N/A	N/A	N/A	N/A	N/A	N/A	319.0	-73.0	N/A	N/A	NO ACTION
22446	SIGN	255.7	4.0	251.6	N/A	N/A	N/A	N/A	N/A	N/A	351.0	-95.4	N/A	N/A	NO ACTION

RUNWAY 6L - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-58	AIRPORT SERVICE RD	210.0	10.0	200.0	254.3	-44.3	352.1	-142.1	372.4	-162.4	280.5	-70.5	403.6	-193.6	NO ACTION
Z-59	PURPLE HEART MEMORIAL HWY	217.0	17.0	200.0	264.0	-47.0	366.4	-149.4	388.6	-171.6	N/A	N/A	418.4	-201.4	NO ACTION
Z-60	CHN R S SANCHEZ	204.3	15.0	189.3	276.4	-72.2	384.6	-180.4	409.3	-205.1	N/A	N/A	437.4	-233.2	NO ACTION
Z-61	ROBAT ST	183.8	15.0	168.8	292.1	-108.3	407.7	-223.9	435.4	-251.7	N/A	N/A	461.4	-277.6	NO ACTION
Z-62	PATERNO ST	165.0	15.0	150.0	308.0	-143.0	431.1	-266.1	462.0	-297.0	N/A	N/A	485.7	-320.7	NO ACTION
Z-63	TUN ANTONIO ST	165.0	15.0	150.0	308.7	-143.7	432.1	-267.1	463.1	-298.1	N/A	N/A	486.7	-321.7	NO ACTION
Z-64	BIANG ST	115.0	15.0	100.0	331.2	-216.2	465.1	-350.1	500.5	-385.5	N/A	N/A	521.0	-406.0	NO ACTION
Z-65	MANIBUSAN ST	138.2	15.0	123.2	320.1	-181.9	448.8	-310.6	482.1	-343.9	N/A	N/A	504.1	-365.9	NO ACTION
Z-66	SGT ROY T DAMIAN JR ST	81.6	15.0	66.6	342.1	-260.5	481.2	-399.6	518.8	-437.1	N/A	N/A	537.7	-456.1	NO ACTION
Z-83	AIRPORT SERVICE RD	210.0	10.0	200.0	245.2	-35.2	338.8	-128.8	N/A	N/A	N/A	N/A	391.0	-181.0	NO ACTION
Z-84	N ST	215.0	15.0	200.0	246.8	-31.8	341.1	-126.1	N/A	N/A	N/A	N/A	393.4	-178.4	NO ACTION
Z-85	LANDING RD	215.0	15.0	200.0	258.1	-43.1	357.7	-142.7	N/A	N/A	N/A	N/A	410.8	-195.8	NO ACTION
Z-88	PURPLE HEART MEMORIAL HWY	167.0	17.0	150.0	307.7	-140.7	430.7	-263.7	N/A	N/A	N/A	N/A	487.5	-320.5	NO ACTION
Z-89	BIANG ST	165.0	15.0	150.0	319.3	-154.3	447.7	-282.7	N/A	N/A	N/A	N/A	505.4	-340.4	NO ACTION
Z-91	N OLD G W RD	126.7	15.0	111.7	342.0	-215.3	481.1	-354.3	N/A	N/A	N/A	N/A	540.4	-413.7	NO ACTION
Z-109	SGT ROY T DAMIAN JR ST	72.9	15.0	57.9	323.8	-250.9	454.3	-381.4	N/A	N/A	N/A	N/A	512.3	-439.4	NO ACTION
Z-110	TUBA ST	85.2	15.0	70.2	321.1	-236.0	450.4	-365.2	N/A	N/A	N/A	N/A	508.2	-423.0	NO ACTION
Z-113	MANIBUSAN ST	132.2	15.0	117.2	301.4	-169.2	421.4	-289.1	N/A	N/A	N/A	N/A	477.7	-345.5	NO ACTION
Z-114	ROBAT ST	137.4	15.0	122.4	299.7	-162.3	418.9	-281.5	N/A	N/A	N/A	N/A	475.2	-337.8	NO ACTION
Z-115	BALAKO ST	165.0	15.0	150.0	289.5	-124.5	403.9	-238.9	N/A	N/A	N/A	N/A	459.4	-294.4	NO ACTION
Z-116	CHN R S SANCHEZ	177.9	15.0	162.9	278.4	-100.5	387.6	-209.6	N/A	N/A	N/A	N/A	442.2	-264.3	NO ACTION
Z-120	RAMIREZ WY	214.1	15.0	199.1	261.6	-47.5	362.9	-148.8	N/A	N/A	N/A	N/A	416.3	-202.2	NO ACTION
Z-123	PURPLE HEART MEMORIAL HWY	217.0	17.0	200.0	245.3	-28.3	338.9	-121.9	N/A	N/A	N/A	N/A	391.1	-174.1	NO ACTION
Z-124	AIRPORT SERVICE RD	210.0	10.0	200.0	242.1	-32.1	334.1	-124.1	N/A	N/A	N/A	N/A	386.1	-176.1	NO ACTION
Z-136	AIRPORT SERVICE RD	210.0	10.0	200.0	244.5	-34.5	337.7	-127.7	356.1	-146.1	270.7	-60.7	388.6	-178.6	NO ACTION
Z-137	KADI LN	65.0	15.0	50.0	329.5	-264.5	462.6	-397.6	N/A	N/A	N/A	N/A	521.1	-456.1	NO ACTION
Z-138	DUMANG SIGOT ST	65.0	15.0	50.0	335.3	-270.3	471.2	-406.2	N/A	N/A	N/A	N/A	530.0	-465.0	NO ACTION
Z-139	TAN CHONG ST	126.6	15.0	111.6	325.0	-198.4	456.0	-329.4	490.2	-363.6	N/A	N/A	511.6	-385.0	NO ACTION

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION. THERE ARE NO OBSTRUCTIONS TO THE FUTURE THRESHOLD SITING SURFACE FOR THIS RUNWAY END.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
8. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
9. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
10. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
11. ALL ELEVATIONS ARE IN FEET.
12. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
13. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 6L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES

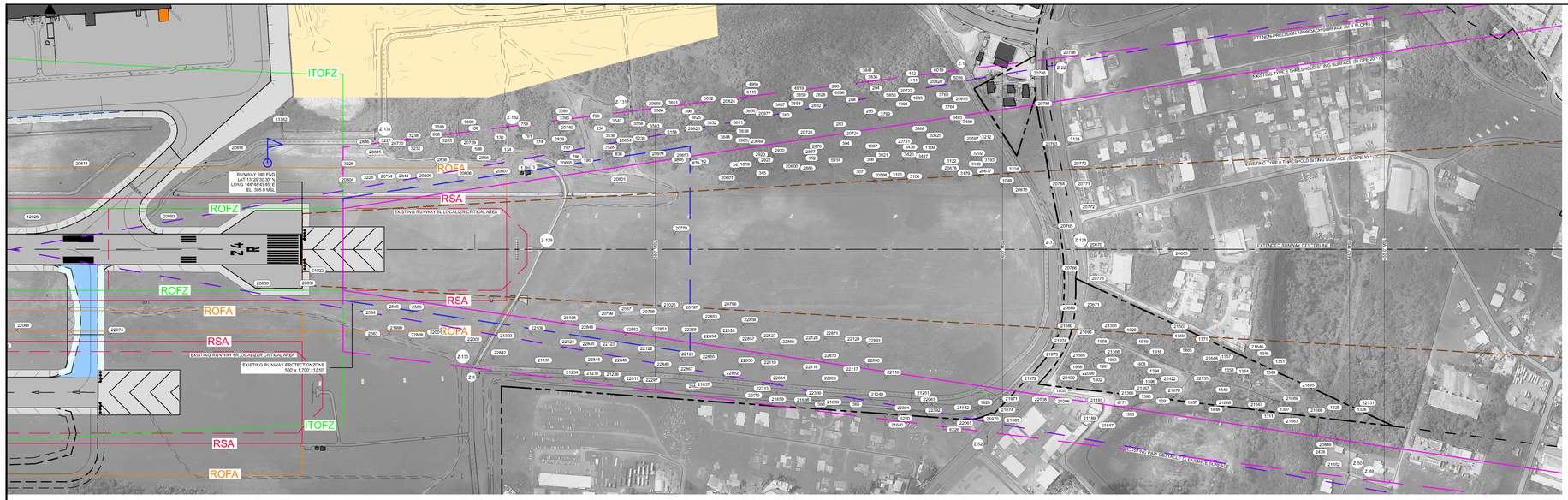
ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

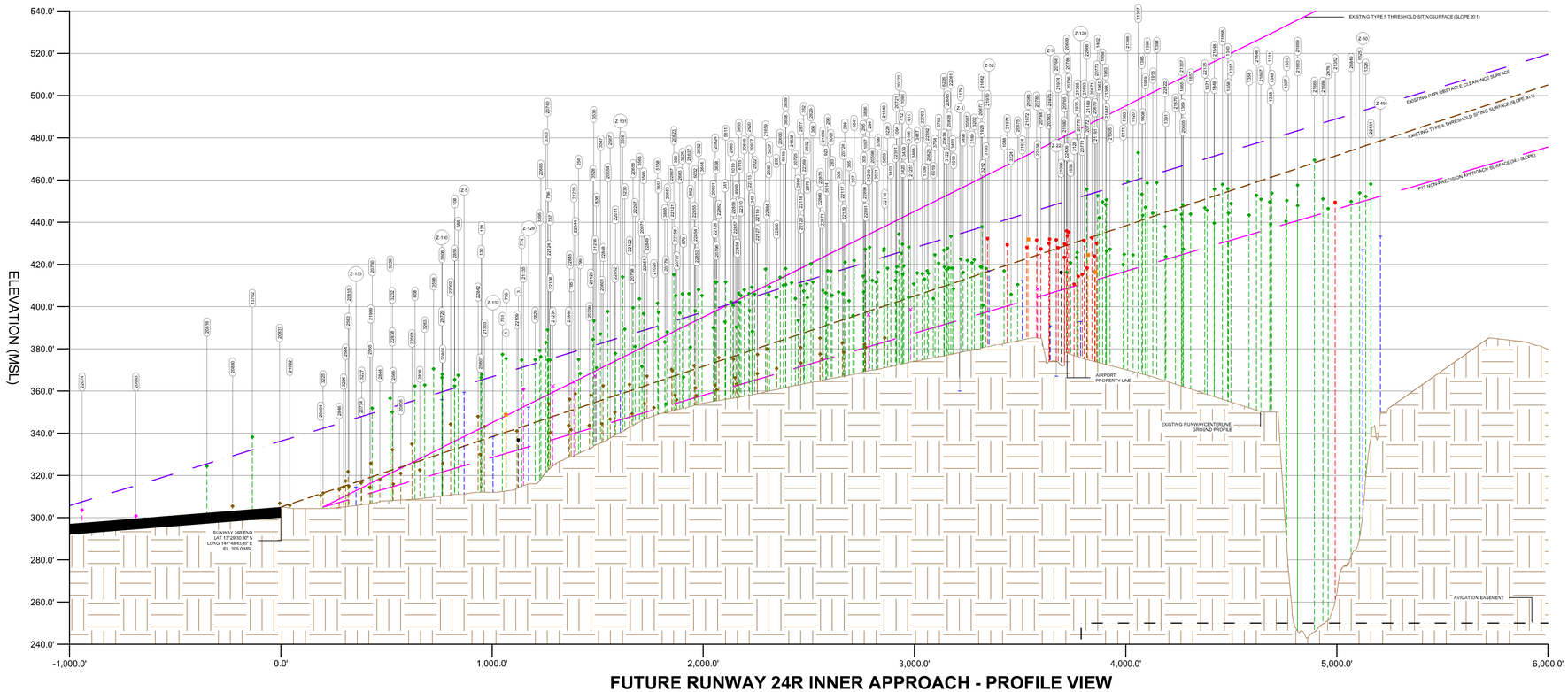
SHEET: 22 OF 51

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FUTURE RUNWAY 24R INNER APPROACH - PLAN VIEW

HORIZONTAL SCALE : 1" = 300'



FUTURE RUNWAY 24R INNER APPROACH - PROFILE VIEW

HORIZONTAL SCALE : 1" = 300'
VERTICAL SCALE : 1" = 30'

LEGEND

ITEM
AIRPORT PROPERTY LINE
FUTURE AIRPORT PROPERTY LINE
AIRFIELD PAVEMENT
FUTURE AIRFIELD PAVEMENT
AIRFIELD PAVEMENT TO BE REMOVED
AIRFIELD SHOULDER PAVEMENT
FUTURE AIRFIELD SHOULDER PAVEMENT
ON-AIRPORT BUILDINGS
FUTURE ON-AIRPORT BUILDINGS / STRUCTURES
OFF-AIRPORT BUILDINGS
ROADS & VEHICLE PARKING
FUTURE ROADS & VEHICLE PARKING
FENCE
EXTENDED RUNWAY CENTERLINE
RUNWAY SAFETY AREA
RUNWAY OBJECT FREE AREA
RUNWAY OBSTACLE FREE ZONE
RUNWAY PROTECTION ZONE
FUTURE RUNWAY PROTECTION ZONE
PART 77 APPROACH SURFACE
TYPE 5 THRESHOLD SITING SURFACE
FUTURE TYPE 5 THRESHOLD SITING SURFACE
TYPE 6 THRESHOLD SITING SURFACE
FUTURE TYPE 6 THRESHOLD SITING SURFACE
PAPI OBSTACLE CLEARANCE SURFACE
FUTURE PAPI OBSTACLE CLEARANCE SURFACE
PROPOSED PROPERTY ACQUISITION
FUTURE AERONAUTICAL DEVELOPMENT
FUTURE NON-AERONAUTICAL DEVELOPMENT
EASEMENT
PRECISION OBSTACLE FREE ZONE (POFZ)
LOCALIZER CRITICAL AREA
GLIDE SLOPE CRITICAL AREA
RUNWAY THRESHOLD LIGHTS
PAPI
FUTURE WIND CONE
ASOS
ROTATING BEACON
AIRPORT REFERENCE POINT (ARP)
5' GROUND CONTOUR
VEGETATION ' TREES

OBSTRUCTIONS LEGEND

ITEM	
TREE/BUSH	XXXX
POLE	XXXX
GROUND	XXXX
BUILDING	XXXX
FENCE	XXXX
TOWER/ANTENNA	XXXX
NAVAID	XXXX
LIGHT	XXXX
SIGN	XXXX
OTHER	XXXX
ROAD'TRAVERSEWAY	Z-X

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWINGS PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NCDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION ON SHEETS 24 TO 28.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRD, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
8. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS.
9. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE. NON-STANDARD DRAWING SCALES ARE REQUIRED TO DEPICT THE EXTENTS OF ANALYZED SURFACES.
8. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAG N 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST (JANUARY 2023)
ANNUAL RATE OF CHANGE: 0°1' (0.017°) WEST / YEAR

300 0 300
HORIZONTAL SCALE IN FEET
SCALE : 1" = 300'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24R
INNER PORTION OF THE APPROACH SURFACE DRAWING

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS
DATE: 06/23
SHEET: 23 OF 51

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RUNWAY 24R - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
1	BUILDING	348.8	17.7	331.1	330.4	18.4	N/A	N/A	N/A	N/A	N/A	N/A	369.6	-20.8	NO ACTION
3	TRANSFORMER	336.8	5.6	331.2	332.2	4.6	N/A	N/A	N/A	N/A	N/A	N/A	371.4	-34.6	NO ACTION
108	TREE	365.5	46.4	319.0	323.4	42.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
130	TREE	366.4	43.2	323.2	327.0	39.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
134	TREE	367.8	44.5	323.3	327.1	40.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
195	GROUND	341.6	N/A	341.6	339.5	2.1	N/A	N/A	N/A	N/A	N/A	N/A	379.1	-37.5	NO ACTION
254	TREE	375.0	27.8	347.2	340.6	34.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
260	TREE	404.4	54.4	350.0	368.1	36.2	N/A	N/A	N/A	N/A	N/A	N/A	409.5	-5.2	TRIM/REMOVE
283	TREE	405.4	55.4	350.0	375.9	29.5	N/A	N/A	N/A	N/A	N/A	N/A	417.3	-11.9	TRIM/REMOVE
288	TREE	421.0	71.0	350.0	377.7	43.3	N/A	N/A	N/A	N/A	N/A	N/A	419.7	1.3	TRIM/REMOVE
290	TREE	417.0	67.0	350.0	375.3	41.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
294	TREE	428.1	78.1	350.0	381.1	47.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
295	TREE	414.5	64.5	350.0	380.2	34.2	N/A	N/A	N/A	N/A	N/A	N/A	422.0	-7.6	TRIM/REMOVE
304	TREE	406.9	56.9	350.0	376.8	30.1	427.1	-20.2	N/A	N/A	N/A	N/A	417.9	-11.0	TRIM/REMOVE
306	TREE	406.9	56.9	350.0	380.3	26.6	433.0	-26.1	N/A	N/A	N/A	N/A	421.2	-14.3	TRIM/REMOVE
307	TREE	395.8	44.7	351.0	378.8	17.0	430.5	-34.7	N/A	N/A	N/A	N/A	419.5	-23.7	TRIM/REMOVE
341	TREE	392.7	42.7	350.0	361.0	31.8	400.1	-7.4	N/A	N/A	N/A	N/A	401.1	-8.4	TRIM/REMOVE
345	TREE	388.2	38.2	350.0	364.8	23.4	406.6	-18.4	N/A	N/A	N/A	N/A	404.9	-16.7	TRIM/REMOVE
352	TREE	407.4	57.4	350.0	371.9	35.5	418.8	-11.4	N/A	N/A	N/A	N/A	412.6	-5.2	TRIM/REMOVE
360	TREE	411.7	31.1	380.6	373.2	38.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
365	TREE	402.7	16.6	386.1	378.3	24.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
396	TREE	405.2	55.2	350.0	354.1	51.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
411	TREE	428.2	78.2	350.0	386.6	41.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
412	TREE	425.2	75.2	350.0	385.5	39.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
588	TREE	367.5	47.5	320.0	323.8	43.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
608	TREE	362.4	50.6	311.8	317.8	44.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
759	TREE	375.4	44.6	330.7	330.5	44.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
761	TREE	377.4	48.7	328.7	330.0	47.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
774	TREE	374.7	43.7	331.0	332.7	42.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
786	TREE	374.7	39.4	335.4	336.4	38.4	N/A	N/A	N/A	N/A	N/A	N/A	376.1	-1.3	TRIM/REMOVE
787	TREE	374.7	38.7	336.0	336.6	38.1	N/A	N/A	N/A	N/A	N/A	N/A	376.4	-1.7	TRIM/REMOVE
799	TREE	368.4	20.4	348.0	340.8	27.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
836	TREE	371.0	25.3	345.8	343.1	28.0	N/A	N/A	N/A	N/A	N/A	N/A	383.0	-12.0	TRIM/REMOVE
862	TREE	380.8	30.8	350.0	356.2	24.7	392.0	-11.2	N/A	N/A	N/A	N/A	396.3	-15.4	TRIM/REMOVE
879	TREE	366.6	16.6	350.0	355.2	11.4	390.4	-23.8	N/A	N/A	N/A	N/A	395.2	-28.7	TRIM/REMOVE
923	TREE	406.5	24.3	382.3	375.0	31.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
1019	TREE	400.5	50.5	350.0	362.1	38.4	402.0	-1.5	N/A	N/A	N/A	N/A	402.3	-1.8	TRIM/REMOVE
1048	TREE	416.9	56.9	360.0	399.9	17.1	466.3	-49.3	419.2	-2.2	N/A	N/A	441.2	-24.3	TRIM/REMOVE
1093	TREE	429.6	79.6	350.0	385.7	43.9	N/A	N/A	N/A	N/A	N/A	N/A	428.1	1.5	TRIM/REMOVE
1094	TREE	418.9	68.9	350.0	384.9	34.1	N/A	N/A	N/A	N/A	N/A	N/A	427.0	-8.0	TRIM/REMOVE
1097	TREE	411.9	61.9	350.0	380.5	31.4	433.4	-21.4	N/A	N/A	N/A	N/A	421.6	-9.7	TRIM/REMOVE
1109	TREE	413.0	63.0	350.0	388.8	24.3	447.4	-34.3	N/A	N/A	N/A	N/A	430.1	-17.1	TRIM/REMOVE
1307	TREE	440.5	46.4	394.0	439.1	1.4	532.9	-92.5	N/A	N/A	N/A	N/A	483.0	-42.5	TRIM/REMOVE
1311	TREE	449.6	61.2	388.3	436.8	12.8	529.0	-79.5	N/A	N/A	N/A	N/A	480.8	-31.2	TRIM/REMOVE
1325	TREE	453.8	53.8	400.0	449.4	4.4	550.4	-96.6	N/A	N/A	N/A	N/A	493.6	-39.8	TRIM/REMOVE
1326	TREE	452.2	52.2	400.0	450.2	2.0	551.9	-99.7	N/A	N/A	N/A	N/A	494.5	-42.3	TRIM/REMOVE
1340	TREE	455.9	55.9	400.0	431.0	24.9	519.2	-63.3	N/A	N/A	N/A	N/A	474.5	-18.7	TRIM/REMOVE
1348	TREE	439.1	81.3	357.9	436.9	2.2	529.3	-90.1	N/A	N/A	N/A	N/A	480.1	-41.0	TRIM/REMOVE
1349	TREE	453.7	94.5	359.2	437.1	16.7	529.5	-75.8	N/A	N/A	N/A	N/A	480.3	-26.6	TRIM/REMOVE
1351	TREE	450.2	95.0	355.2	439.2	11.0	533.1	-82.9	N/A	N/A	N/A	N/A	482.6	-32.3	TRIM/REMOVE
1354	TREE	443.4	60.6	382.8	433.9	9.4	524.2	-80.8	N/A	N/A	N/A	N/A	477.3	-33.9	TRIM/REMOVE
1357	TREE	448.9	66.4	382.5	431.4	17.4	520.0	-71.1	N/A	N/A	N/A	N/A	474.5	-25.6	TRIM/REMOVE
1358	TREE	444.2	57.6	386.7	431.1	13.2	519.3	-75.1	N/A	N/A	N/A	N/A	474.2	-29.9	TRIM/REMOVE
1369	TREE	448.2	56.8	391.4	424.7	23.5	508.5	-60.3	N/A	N/A	N/A	N/A	467.3	-19.0	TRIM/REMOVE
1371	TREE	445.6	53.9	391.7	428.1	17.5	514.3	-68.7	N/A	N/A	N/A	N/A	470.8	-25.2	TRIM/REMOVE
1383	TREE	424.7	45.2	379.5	416.5	8.2	N/A	N/A	N/A	N/A	N/A	N/A	460.0	-35.3	TRIM/REMOVE
1385	TREE	453.2	55.1	398.2	419.0	34.2	498.9	-45.6	N/A	N/A	N/A	N/A	462.2	-9.0	TRIM/REMOVE
1391	TREE	423.7	71.5	352.3	422.4	1.4	504.5	-80.8	N/A	N/A	N/A	N/A	465.9	-42.1	TRIM/REMOVE
1394	TREE	458.7	58.7	400.0	421.1	37.6	502.4	-43.6	N/A	N/A	N/A	N/A	464.0	-5.3	TRIM/REMOVE
1396	TREE	458.5	58.5	400.0	419.8	38.7	500.1	-41.6	N/A	N/A	N/A	N/A	462.6	-4.1	TRIM/REMOVE
1402	TREE	452.5	52.5	400.0	412.9	39.6	488.4	-35.9	N/A	N/A	N/A	N/A	455.7	-3.2	TRIM/REMOVE
1408	TREE	443.2	43.2	400.0	419.2	24.1	499.1	-55.8	N/A	N/A	N/A	N/A	461.9	-18.6	TRIM/REMOVE
1848	TREE	439.5	83.7	355.8	429.1	10.4	516.0	-76.5	N/A	N/A	N/A	N/A	472.8	-33.3	TRIM/REMOVE
1857	TREE	443.9	49.4	394.5	425.8	18.1	510.4	-66.5	N/A	N/A	N/A	N/A	469.2	-25.4	TRIM/REMOVE
1865	TREE	441.5	45.3	396.2	424.6	16.9	508.3	-66.8	N/A	N/A	N/A	N/A	467.2	-25.7	TRIM/REMOVE
1916	TREE	444.2	45.5	398.7	420.6	23.7	501.4	-57.2	N/A	N/A	N/A	N/A	463.1	-18.8	TRIM/REMOVE
1919	TREE	447.0	50.4	396.6	419.5	27.5	499.7	-52.7	N/A	N/A	N/A	N/A	462.0	-15.0	TRIM/REMOVE
1920	TREE	424.5	31.9	392.6	417.8	6.7	496.8	-72.3	N/A	N/A	N/A	N/A	460.0	-35.5	TRIM/REMOVE
1928	TREE	418.7	18.7	400.0	396.8	22.0	N/A	N/A	N/A	N/A	N/A	N/A	439.6	-20.8	TRIM/REMOVE
1935	TREE	423.4	23.4	400.0	410.0	13.4	483.4	-60.1	N/A	N/A	N/A	N/A	452.7	-29.3	TRIM/REMOVE
1938	TREE	420.7	20.7	400.0	409.1	11.6	482.0	-61.3	N/A	N/A	N/A	N/A	451.5	-30.8	TRIM/REMOVE
1958	TREE	449.6	49.6	400.0	413.6	36.1	489.5	-39.9	N/A	N/A	N/A	N/A	455.8	-6.1	TRIM/REMOVE
1961	TREE	442.1	42.1	400.0	413.1	29.0	488.8	-46.6	N/A	N/A	N/A	N/A	455.5	-13.4	TRIM/REMOVE

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24R
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - A

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 24 OF 51

C:\Users\bob.morris\DC\ACCDocs\AECOM\C-HMER (USA) 60670976--GUM Master Plan\Project Files\900 Design Collaboration\19--PLS\30_Sheets\GUM-1U7--PAS--TBLE.dwg 06/19/2024 11:02

RUNWAY 24R - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
1963	TREE	448.4	48.4	400.0	414.0	34.4	490.2	-41.9	N/A	N/A	N/A	N/A	456.4	-8.0	TRIM/REMOVE
2476	TREE	446.5	46.5	400.0	445.0	1.5	N/A	N/A	N/A	N/A	N/A	N/A	490.2	-43.7	TRIM/REMOVE
2563	GROUND	321.9	N/A	321.9	308.5	13.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
2564	GROUND	317.4	N/A	317.4	308.1	9.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
2565	GROUND	314.4	N/A	314.4	311.5	2.9	N/A	N/A	N/A	N/A	N/A	N/A	349.9	-35.5	NO ACTION
2566	GROUND	315.9	N/A	315.9	314.8	1.1	N/A	N/A	N/A	N/A	N/A	N/A	353.2	-37.3	NO ACTION
2567	GROUND	346.7	N/A	346.7	345.0	1.7	373.0	-26.3	N/A	N/A	N/A	N/A	384.4	-37.7	NO ACTION
2629	TREE	420.4	70.4	350.0	372.9	47.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
2632	TREE	410.8	60.8	350.0	372.3	38.4	N/A	N/A	N/A	N/A	N/A	N/A	414.1	-3.3	TRIM/REMOVE
2663	TREE	396.9	32.1	364.8	354.7	42.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
2829	TREE	374.9	37.4	337.5	334.5	40.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
2836	GROUND	322.6	N/A	322.6	318.5	4.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
2844	GROUND	318.2	N/A	318.2	312.9	5.3	N/A	N/A	N/A	N/A	N/A	N/A	351.5	-33.3	NO ACTION
2846	GROUND	313.4	N/A	313.4	307.3	6.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
2856	TREE	362.4	42.5	319.9	323.3	39.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
2876	TREE	404.2	54.2	350.0	372.4	31.8	419.6	-15.4	N/A	N/A	N/A	N/A	413.3	-9.1	TRIM/REMOVE
2877	TREE	410.0	60.0	350.0	371.5	38.5	418.1	-8.0	N/A	N/A	N/A	N/A	412.2	-2.2	TRIM/REMOVE
2886	TREE	393.5	43.5	350.0	371.2	22.3	417.5	-24.0	N/A	N/A	N/A	N/A	411.6	-18.1	TRIM/REMOVE
2920	TREE	406.1	56.1	350.0	364.3	41.8	405.8	0.3	N/A	N/A	N/A	N/A	404.8	1.4	TRIM/REMOVE
2922	TREE	405.9	55.9	350.0	365.1	40.8	407.2	-1.3	N/A	N/A	N/A	N/A	405.5	0.4	TRIM/REMOVE
2930	TREE	405.6	55.6	350.0	367.1	38.6	410.5	-4.9	N/A	N/A	N/A	N/A	407.7	-2.1	TRIM/REMOVE
2985	TREE	402.2	52.2	350.0	361.8	40.4	N/A	N/A	N/A	N/A	N/A	N/A	402.4	-0.3	TRIM/REMOVE
3021	TREE	411.6	61.6	350.0	382.0	29.6	435.9	-24.3	N/A	N/A	N/A	N/A	423.0	-11.4	TRIM/REMOVE
3103	TREE	408.6	55.1	353.5	384.0	24.6	439.3	-30.7	N/A	N/A	N/A	N/A	424.9	-16.2	TRIM/REMOVE
3106	TREE	404.4	49.5	354.8	386.5	17.8	443.6	-39.3	404.1	0.3	N/A	N/A	427.4	-23.1	TRIM/REMOVE
3122	TREE	417.5	65.9	351.6	391.8	25.7	452.6	-35.1	N/A	N/A	N/A	N/A	433.1	-15.6	TRIM/REMOVE
3128	UTILITY POLE	410.6	47.8	362.9	409.6	1.0	482.9	-72.2	N/A	N/A	N/A	N/A	451.8	-41.2	MARK/LIGHT
3179	TREE	422.5	66.5	356.0	393.8	28.7	455.9	-33.4	412.3	10.2	N/A	N/A	435.0	-12.4	TRIM/REMOVE
3189	TREE	420.8	67.2	353.5	395.4	25.4	458.6	-37.8	N/A	N/A	N/A	N/A	436.7	-15.9	TRIM/REMOVE
3193	TREE	418.1	65.2	352.9	397.3	20.7	462.0	-43.9	N/A	N/A	N/A	N/A	438.8	-20.7	TRIM/REMOVE
3202	TREE	422.2	72.0	350.3	395.7	26.6	459.1	-36.9	N/A	N/A	N/A	N/A	437.2	-14.9	TRIM/REMOVE
3212	TREE	400.6	50.6	350.0	396.9	3.7	461.2	-60.7	N/A	N/A	N/A	N/A	438.7	-38.1	TRIM/REMOVE
3224	TREE	405.8	49.1	356.7	400.8	5.0	467.9	-62.1	420.3	-14.5	N/A	N/A	442.3	-36.5	TRIM/REMOVE
3225	GROUND	311.7	N/A	311.7	305.0	6.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
3226	GROUND	314.6	N/A	314.6	307.9	6.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
3227	GROUND	316.9	N/A	316.9	310.4	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
3232	TREE	350.1	39.8	310.2	314.7	35.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3238	TREE	356.5	48.2	308.3	314.4	42.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3263	TREE	362.8	48.8	314.0	319.2	43.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3393	TREE	383.1	42.7	340.4	336.0	47.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3395	TREE	379.3	40.0	339.3	335.2	44.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3417	TREE	416.0	66.0	350.0	387.7	28.2	445.7	-29.7	N/A	N/A	N/A	N/A	428.9	-13.0	TRIM/REMOVE
3420	TREE	415.4	65.4	350.0	385.7	29.7	442.2	-26.8	N/A	N/A	N/A	N/A	426.9	-11.4	TRIM/REMOVE
3439	TREE	419.4	69.4	350.0	385.9	33.5	442.5	-23.1	N/A	N/A	N/A	N/A	427.1	-7.8	TRIM/REMOVE
3468	TREE	410.8	60.8	350.0	387.3	23.5	444.8	-34.1	N/A	N/A	N/A	N/A	428.9	-18.1	TRIM/REMOVE
3490	TREE	416.3	66.3	350.0	394.1	22.1	456.5	-40.2	N/A	N/A	N/A	N/A	436.1	-19.9	TRIM/REMOVE
3493	TREE	418.2	68.2	350.0	392.7	25.6	454.0	-35.8	N/A	N/A	N/A	N/A	434.7	-16.5	TRIM/REMOVE
3528	TREE	384.4	39.1	345.3	342.6	41.9	N/A	N/A	N/A	N/A	N/A	N/A	382.6	1.9	TRIM/REMOVE
3536	TREE	393.3	45.8	347.5	342.7	50.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3547	TREE	387.1	37.1	350.0	343.7	43.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3558	TREE	414.1	64.1	350.0	346.7	67.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3563	TREE	403.7	53.7	350.0	349.1	54.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3566	TREE	396.7	46.7	350.0	349.6	47.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3598	TREE	370.5	55.9	314.7	320.4	50.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3606	TREE	368.0	51.8	316.2	321.6	46.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3625	TREE	406.0	56.0	350.0	355.1	50.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3632	TREE	408.0	58.0	350.0	357.3	50.7	N/A	N/A	N/A	N/A	N/A	N/A	398.3	9.8	TRIM/REMOVE
3638	TREE	411.6	61.6	350.0	359.8	51.8	N/A	N/A	N/A	N/A	N/A	N/A	400.7	10.8	TRIM/REMOVE
3644	TREE	405.2	55.2	350.0	357.8	47.5	N/A	N/A	N/A	N/A	N/A	N/A	398.6	6.6	TRIM/REMOVE
3651	TREE	397.3	47.3	350.0	351.7	45.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3655	TREE	406.4	56.4	350.0	362.9	43.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3657	TREE	409.4	59.4	350.0	367.2	42.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3658	TREE	410.4	60.4	350.0	369.4	41.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3659	TREE	418.0	68.0	350.0	369.4	48.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3763	TREE	420.6	70.6	350.0	390.7	29.9	N/A	N/A	N/A	N/A	N/A	N/A	433.2	-12.6	TRIM/REMOVE
3764	TREE	424.6	74.6	350.0	390.2	34.4	N/A	N/A	N/A	N/A	N/A	N/A	432.6	-8.0	TRIM/REMOVE
3799	TREE	416.3	66.3	350.0	382.3	34.0	N/A	N/A	N/A	N/A	N/A	N/A	424.1	-7.8	TRIM/REMOVE
3805	TREE	383.2	33.2	350.0	352.6	30.6	385.9	-2.7	N/A	N/A	N/A	N/A	392.6	-9.4	TRIM/REMOVE
3836	TREE	427.2	77.2	350.0	380.5	46.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
3841	TREE	421.9	71.9	350.0	379.0	42.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
4919	TREE	410.1	60.1	350.0	369.1	41.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
4959	TREE	390.3	40.3	350.0	362.5	27.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
5016	TREE	408.5	58.5	350.0	392.8	15.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24R
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - B

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 25 OF 51

C:\Users\bob.morris\DC\ACCDocs\AECOM\C-HMER (USA) 60670976--GUM Master Plan\Project Files\90D Design Collaboration\19--PLS\3D_Sheets\GUM-FUT--RWS--TBLE.dwg 06/19/2024 11:03

RUNWAY 24R - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
5032	TREE	398.0	48.0	350.0	356.8	41.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
5158	TREE	401.6	51.6	350.0	351.6	50.0	N/A	N/A	N/A	N/A	N/A	N/A	392.2	9.4	TRIM/REMOVE
5230	TREE	389.3	39.3	350.0	347.0	42.3	N/A	N/A	N/A	N/A	N/A	N/A	387.3	2.0	TRIM/REMOVE
5611	TREE	411.7	61.7	350.0	361.1	50.6	N/A	N/A	N/A	N/A	N/A	N/A	402.1	9.6	TRIM/REMOVE
5853	TREE	427.5	77.5	350.0	383.1	44.4	N/A	N/A	N/A	N/A	N/A	N/A	425.4	2.1	TRIM/REMOVE
5914	TREE	399.5	49.5	350.0	375.2	24.4	424.3	-24.7	N/A	N/A	N/A	N/A	415.9	-16.3	TRIM/REMOVE
6019	TREE	403.8	53.8	350.0	390.0	13.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
6096	TREE	416.7	66.7	350.0	375.7	41.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
6115	TREE	401.8	51.8	350.0	363.0	38.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
6171	TREE	419.9	19.9	400.0	416.4	3.5	N/A	N/A	N/A	N/A	N/A	N/A	459.8	-39.8	TRIM/REMOVE
6220	TREE	418.2	27.5	390.7	383.6	34.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
6226	TREE	426.8	30.2	396.6	391.4	35.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
12028	SIGN	295.5	3.5	292.0	N/A	N/A	N/A	N/A	N/A	N/A	293.3	2.2	N/A	N/A	LOWER/RELOCATE
13762	TREE	338.2	38.2	300.0	N/A	N/A	N/A	N/A	N/A	N/A	412.5	-74.2	N/A	N/A	NO ACTION
13841	GROUND	262.8	N/A	262.8	N/A	N/A	N/A	N/A	N/A	N/A	349.7	-86.9	N/A	N/A	NO ACTION
13844	GROUND	264.7	N/A	264.7	N/A	N/A	N/A	N/A	N/A	N/A	350.9	-86.2	N/A	N/A	NO ACTION
13846	GROUND	265.8	N/A	265.8	N/A	N/A	N/A	N/A	N/A	N/A	351.7	-85.9	N/A	N/A	NO ACTION
13850	GROUND	271.9	N/A	271.9	N/A	N/A	N/A	N/A	N/A	N/A	348.8	-76.9	N/A	N/A	NO ACTION
13852	GROUND	274.8	N/A	274.8	N/A	N/A	N/A	N/A	N/A	N/A	351.0	-76.2	N/A	N/A	NO ACTION
13854	GROUND	276.8	N/A	276.8	N/A	N/A	N/A	N/A	N/A	N/A	352.4	-75.7	N/A	N/A	NO ACTION
13871	SIGN	268.5	3.7	264.8	N/A	N/A	N/A	N/A	N/A	N/A	320.8	-52.3	N/A	N/A	NO ACTION
13879	GROUND	276.8	N/A	276.8	N/A	N/A	N/A	N/A	N/A	N/A	359.5	-82.7	N/A	N/A	NO ACTION
13911	GROUND	287.6	N/A	287.6	N/A	N/A	N/A	N/A	N/A	N/A	370.9	-83.3	N/A	N/A	NO ACTION
13918	GROUND	293.0	N/A	293.0	N/A	N/A	N/A	N/A	N/A	N/A	377.2	-84.2	N/A	N/A	NO ACTION
13922	GROUND	296.5	N/A	296.5	N/A	N/A	N/A	N/A	N/A	N/A	381.6	-85.1	N/A	N/A	NO ACTION
20560	UTILITY BOX	285.5	3.9	281.6	N/A	N/A	N/A	N/A	N/A	N/A	441.8	-156.3	N/A	N/A	NO ACTION
20582	SIGN	273.8	2.9	270.9	N/A	N/A	N/A	N/A	N/A	N/A	269.7	4.2	N/A	N/A	LOWER/RELOCATE
20583	SIGN	278.1	5.3	272.8	N/A	N/A	N/A	N/A	N/A	N/A	270.9	7.2	N/A	N/A	LOWER/RELOCATE
20585	SIGN	280.1	3.7	276.5	N/A	N/A	N/A	N/A	N/A	N/A	274.6	5.5	N/A	N/A	LOWER/RELOCATE
20587	SIGN	291.9	5.2	286.7	N/A	N/A	N/A	N/A	N/A	N/A	287.1	4.8	N/A	N/A	LOWER/RELOCATE
20597	TREE	421.9	71.9	350.0	394.7	27.2	457.5	-35.6	N/A	N/A	N/A	N/A	436.4	-14.6	TRIM/REMOVE
20598	TREE	412.4	59.5	352.9	381.5	30.9	435.0	-22.6	N/A	N/A	N/A	N/A	422.2	-9.8	TRIM/REMOVE
20600	TREE	413.9	63.9	350.0	368.7	45.3	413.2	0.7	N/A	N/A	N/A	N/A	409.1	4.8	TRIM/REMOVE
20601	TREE	390.0	40.0	350.0	359.3	30.6	397.4	-7.4	N/A	N/A	N/A	N/A	399.3	-9.3	TRIM/REMOVE
20605	TREE	427.3	63.7	363.7	424.8	2.5	508.6	-81.3	447.4	-20.1	N/A	N/A	466.8	-39.5	TRIM/REMOVE
20645	TREE	427.7	77.7	350.0	391.9	35.7	N/A	N/A	N/A	N/A	N/A	N/A	434.5	-6.8	TRIM/REMOVE
20649	TREE	408.0	58.0	350.0	363.6	44.4	N/A	N/A	N/A	N/A	N/A	N/A	404.3	3.7	TRIM/REMOVE
20653	TREE	388.0	38.0	350.0	352.9	35.0	386.5	1.5	N/A	N/A	N/A	N/A	393.0	-5.1	TRIM/REMOVE
20654	TREE	397.7	48.0	349.7	344.7	53.0	N/A	N/A	N/A	N/A	N/A	N/A	384.9	12.8	TRIM/REMOVE
20656	TREE	399.5	49.5	350.0	348.2	51.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
20665	TREE	376.3	42.3	334.0	335.3	41.0	N/A	N/A	N/A	N/A	N/A	N/A	375.1	1.3	TRIM/REMOVE
20669	POWER TRANSMISSION POLE	435.9	57.5	378.4	408.6	27.3	481.1	-45.2	429.1	6.8	N/A	N/A	450.3	-14.3	MARK/LIGHT
20670	POLE	424.0	48.8	375.3	412.5	11.6	487.7	-63.7	433.5	-9.4	N/A	N/A	454.0	-30.0	MARK/LIGHT
20671	POLE	432.6	48.9	383.7	412.1	20.5	487.0	-54.5	433.0	-0.5	N/A	N/A	453.8	-21.3	MARK/LIGHT
20675	TREE	410.5	46.9	363.5	401.7	8.7	469.5	-59.0	421.3	-10.8	N/A	N/A	443.1	-32.6	TRIM/REMOVE
20677	TREE	418.9	62.8	356.1	396.6	22.3	460.7	-41.8	415.4	3.5	N/A	N/A	437.9	-19.0	TRIM/REMOVE
20678	TREE	418.8	65.1	353.7	391.5	27.3	452.1	-33.3	N/A	N/A	N/A	N/A	432.7	-13.9	TRIM/REMOVE
20721	TREE	416.5	66.5	350.0	384.8	31.7	440.7	-24.2	N/A	N/A	N/A	N/A	426.1	-9.7	TRIM/REMOVE
20722	TREE	434.4	84.4	350.0	385.2	49.3	N/A	N/A	N/A	N/A	N/A	N/A	427.6	6.8	TRIM/REMOVE
20724	TREE	406.2	56.2	350.0	377.4	28.7	428.1	-22.0	N/A	N/A	N/A	N/A	418.7	-12.5	TRIM/REMOVE
20725	TREE	403.8	53.8	350.0	370.8	33.0	N/A	N/A	N/A	N/A	N/A	N/A	411.9	-8.1	TRIM/REMOVE
20729	TREE	366.4	48.9	317.5	321.5	44.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
20730	TREE	351.9	45.3	306.6	311.8	40.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
20734	GROUND	316.6	N/A	316.6	310.3	6.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
20740	TREE	389.0	49.9	339.0	336.3	52.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
20764	POWER TRANSMISSION POLE	431.6	66.3	365.3	407.1	24.5	478.6	-47.0	427.4	4.2	N/A	N/A	448.7	-17.1	MARK/LIGHT
20765	POWER TRANSMISSION POLE	429.7	62.1	367.6	408.3	21.4	480.6	-50.8	428.7	1.0	N/A	N/A	449.7	-19.9	MARK/LIGHT
20766	POWER TRANSMISSION POLE	435.3	61.2	374.1	408.9	26.4	481.6	-46.3	429.4	5.9	N/A	N/A	450.3	-15.0	MARK/LIGHT
20770	POLE	414.3	50.1	364.2	410.2	4.1	483.8	-69.5	N/A	N/A	N/A	N/A	452.1	-37.7	MARK/LIGHT
20771	POLE	415.3	48.1	367.2	410.7	4.5	484.7	-69.5	431.5	-16.2	N/A	N/A	452.4	-37.2	MARK/LIGHT
20772	POLE	418.2	48.2	370.1	411.4	6.8	485.9	-67.7	432.3	-14.0	N/A	N/A	453.0	-34.8	MARK/LIGHT
20773	POLE	429.9	49.8	380.1	412.7	17.2	488.1	-58.2	433.8	-3.8	N/A	N/A	454.3	-24.4	MARK/LIGHT
20779	BUSH	353.9	3.0	350.8	352.7	1.1	386.2	-32.3	365.8	-11.9	N/A	N/A	392.0	-38.1	TRIM/REMOVE
20783	POWER TRANSMISSION POLE	430.0	66.3	363.7	406.1	23.9	476.8	-46.8	N/A	N/A	N/A	N/A	448.1	-18.1	MARK/LIGHT
20784	POWER TRANSMISSION POLE	427.3	66.6	360.7	405.0	22.4	474.9	-47.6	N/A	N/A	N/A	N/A	447.6	-20.3	MARK/LIGHT
20785	POWER TRANSMISSION POLE	431.5	73.6	357.9	404.4	27.2	N/A	N/A	N/A	N/A	N/A	N/A	447.7	-16.2	MARK/LIGHT
20786	POWER TRANSMISSION POLE	433.6	76.4	357.2	408.7	24.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MARK/LIGHT
20796	GROUND	360.6	N/A	360.6	359.8	0.8	398.2	-37.6	373.8	-13.2	N/A	N/A	399.7	-39.1	NO ACTION
20797	GROUND	355.8	N/A	355.8	354.3	1.6	388.8	-32.9	N/A	N/A	N/A	N/A	394.0	-38.1	NO ACTION
20798	GROUND	349.3	N/A	349.3	348.0	1.2	378.2	-28.9	N/A	N/A	N/A	N/A	387.6	-38.4	NO ACTION
20799	GROUND	343.7	N/A	343.7	342.1	1.7	368.0	-24.3	N/A	N/A	N/A	N/A	381.5	-37.7	NO ACTION
20801	GROUND	344.5	N/A	344.5	343.9	0.6	371.1	-26.6	N/A	N/A	N/A	N/A	383.2	-38.8	NO ACTION
20804	GROUND	310.5	N/A	310.5	N/A	N/A	N/A	N/A	N/A	N/A	364.4	-53.9	N/A	N/A	NO ACTION

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NO.	REVISIONS	BY	APP.	DATE

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TRUE NORTH
MAG N 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24R
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - C

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 26 OF 51

C:\Users\bob.morris\DC\ACCDocs\AECOM\C-HMER (USA) 60670976--GUM Master Plan\Project Files\90D Design Collaboration\19--PLS\30_Sheets\GUM-FUT--PAS--TBLE.dwg 06/19/2024 11:04

RUNWAY 24R - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
20805	GROUND	321.0	N/A	321.0	315.8	5.2	N/A	N/A	N/A	N/A	N/A	N/A	354.5	-33.5	NO ACTION
20806	GROUND	325.7	N/A	325.7	321.7	4.1	N/A	N/A	N/A	N/A	N/A	N/A	360.5	-34.8	NO ACTION
20807	GROUND	330.0	N/A	330.0	326.9	3.1	N/A	N/A	N/A	N/A	N/A	N/A	365.9	-35.9	NO ACTION
20811	GROUND	296.4	N/A	296.4	N/A	N/A	N/A	N/A	N/A	N/A	368.4	-72.0	N/A	N/A	NO ACTION
20815	GROUND	315.0	N/A	315.0	308.6	6.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
20816	TREE	324.4	24.5	299.9	N/A	N/A	N/A	N/A	N/A	N/A	387.7	-63.3	N/A	N/A	NO ACTION
20823	TREE	415.1	65.1	350.0	353.9	61.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
20824	TREE	411.7	61.7	350.0	359.6	52.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
20825	TREE	415.7	65.7	350.0	389.3	26.4	448.3	-32.6	N/A	N/A	N/A	N/A	430.9	-15.2	TRIM/REMOVE
20828	TREE	418.3	68.3	350.0	392.1	26.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
20830	GROUND	305.5	N/A	305.5	N/A	N/A	N/A	N/A	N/A	N/A	303.2	2.3	329.7	-24.2	NO ACTION
20831	GROUND	306.8	N/A	306.8	N/A	N/A	N/A	N/A	N/A	N/A	305.0	1.9	336.5	-29.6	NO ACTION
20849	TREE	449.8	48.7	401.1	448.1	1.7	548.4	-98.6	N/A	N/A	N/A	N/A	493.1	-43.3	TRIM/REMOVE
20869	SIGN	284.4	5.8	278.6	N/A	N/A	N/A	N/A	N/A	N/A	277.4	7.0	N/A	N/A	LOWER/RELOCATE
20890	GROUND	292.9	N/A	292.9	N/A	N/A	N/A	N/A	N/A	N/A	354.4	-61.5	N/A	N/A	NO ACTION
20913	GROUND	275.7	N/A	275.7	N/A	N/A	N/A	N/A	N/A	N/A	350.9	-75.2	N/A	N/A	NO ACTION
20923	GROUND	264.9	N/A	264.9	N/A	N/A	N/A	N/A	N/A	N/A	264.1	0.8	N/A	N/A	NO ACTION
20971	TREE	371.7	21.7	350.0	349.4	22.3	N/A	N/A	N/A	N/A	N/A	N/A	389.4	-17.7	TRIM/REMOVE
20977	TREE	409.3	59.3	350.0	364.7	44.5	N/A	N/A	N/A	N/A	N/A	N/A	406.1	3.2	TRIM/REMOVE
20993	SIGN	300.8	3.5	297.3	N/A	N/A	N/A	N/A	N/A	N/A	299.5	1.4	N/A	N/A	LOWER/RELOCATE
21022	GROUND	305.8	N/A	305.8	N/A	N/A	N/A	N/A	306.4	-0.7	305.0	0.8	337.7	-32.0	NO ACTION
21026	GROUND	352.1	N/A	352.1	351.1	1.1	383.3	-31.2	N/A	N/A	N/A	N/A	390.6	-38.5	NO ACTION
21053	SIGN	280.0	3.4	276.6	N/A	N/A	N/A	N/A	N/A	N/A	415.2	-135.2	N/A	N/A	NO ACTION
21054	SIGN	283.6	3.7	280.0	N/A	N/A	N/A	N/A	N/A	N/A	351.6	-67.9	N/A	N/A	NO ACTION
21083	BUILDING	431.8	25.4	406.5	403.2	28.6	N/A	N/A	N/A	N/A	N/A	N/A	446.4	-14.6	MARK/LIGHT
21096	BILLBOARD	416.2	12.0	404.2	407.8	8.4	N/A	N/A	N/A	N/A	N/A	N/A	450.9	-34.7	MARK/LIGHT
21135	STREET SIGN	360.9	9.6	351.3	332.9	28.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	LOWER/RELOCATE
21189	BUILDING	424.5	22.6	401.9	411.5	13.0	N/A	N/A	N/A	N/A	N/A	N/A	455.1	-30.6	MARK/LIGHT
21191	BUILDING	416.4	14.2	402.2	412.5	3.8	N/A	N/A	N/A	N/A	N/A	N/A	455.7	-39.4	MARK/LIGHT
21234	FENCE	362.3	9.6	352.7	337.0	25.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
21235	FENCE	364.3	9.5	354.9	339.9	24.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
21236	FENCE	367.2	9.3	357.9	342.8	24.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
21249	FENCE	396.2	9.3	386.9	381.0	15.3	N/A	N/A	N/A	N/A	N/A	N/A	423.2	-27.0	NO ACTION
21251	FENCE	398.7	9.2	389.5	386.8	11.8	N/A	N/A	N/A	N/A	N/A	N/A	429.3	-30.6	NO ACTION
21303	GROUND	343.2	N/A	343.2	327.5	15.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
21305	TREE	427.3	32.5	394.7	414.6	12.7	491.3	-64.0	435.9	-8.6	N/A	N/A	456.6	-29.4	TRIM/REMOVE
21307	TREE	443.6	57.0	386.6	424.5	19.1	508.2	-64.6	447.1	-3.5	N/A	N/A	467.0	-23.3	TRIM/REMOVE
21352	POLE	449.4	37.6	411.8	445.9	3.5	N/A	N/A	N/A	N/A	N/A	N/A	491.2	-41.8	MARK/LIGHT
21365	TREE	425.6	25.6	400.0	410.0	15.6	483.6	-57.9	N/A	N/A	N/A	N/A	452.3	-26.7	TRIM/REMOVE
21366	TREE	459.5	59.5	400.0	417.0	42.4	495.4	-36.0	N/A	N/A	N/A	N/A	460.2	-0.7	TRIM/REMOVE
21367	TREE	472.9	72.9	400.0	418.5	54.4	498.0	-25.0	N/A	N/A	N/A	N/A	461.4	11.6	TRIM/REMOVE
21368	TREE	450.6	50.6	400.0	414.1	36.5	490.4	-39.8	N/A	N/A	N/A	N/A	456.4	-5.8	TRIM/REMOVE
21637	TREE	406.1	40.7	365.5	356.0	50.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
21638	TREE	411.3	33.3	377.9	370.2	41.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
21639	TREE	407.7	25.9	381.8	374.6	33.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
21640	TREE	426.5	35.6	390.9	383.1	43.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
21642	TREE	437.9	37.9	400.0	396.8	41.1	N/A	N/A	N/A	N/A	N/A	N/A	439.8	-1.9	TRIM/REMOVE
21646	TREE	452.8	86.6	366.1	435.0	17.8	525.9	-73.2	N/A	N/A	N/A	N/A	478.1	-25.3	TRIM/REMOVE
21648	TREE	455.6	62.4	393.3	429.1	26.5	516.0	-60.4	N/A	N/A	N/A	N/A	472.1	-16.5	TRIM/REMOVE
21659	TREE	417.8	42.4	375.4	366.6	51.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
21663	TREE	447.9	47.9	400.0	440.7	7.2	535.7	-87.8	N/A	N/A	N/A	N/A	485.2	-37.3	TRIM/REMOVE
21665	TREE	469.4	100.6	368.8	443.1	26.3	539.7	-70.3	N/A	N/A	N/A	N/A	486.9	-17.5	TRIM/REMOVE
21666	TREE	451.0	51.0	400.0	444.2	6.8	541.7	-90.7	N/A	N/A	N/A	N/A	488.6	-37.6	TRIM/REMOVE
21667	TREE	450.9	50.9	400.0	435.6	15.3	527.0	-76.1	N/A	N/A	N/A	N/A	479.6	-28.7	TRIM/REMOVE
21668	TREE	457.9	57.9	400.0	430.3	27.6	517.9	-60.1	N/A	N/A	N/A	N/A	473.8	-15.9	TRIM/REMOVE
21669	TREE	457.5	66.7	390.8	440.7	16.8	535.7	-78.2	N/A	N/A	N/A	N/A	484.7	-27.2	TRIM/REMOVE
21670	TREE	445.9	54.5	391.3	423.7	22.2	506.8	-60.9	N/A	N/A	N/A	N/A	467.0	-21.2	TRIM/REMOVE
21674	PRIMARY ROAD	412.2	15.0	397.2	402.4	9.9	N/A	N/A	N/A	N/A	N/A	N/A	445.3	-33.0	NO ACTION
21680	POWER TRANSMISSION POLE	423.4	42.1	381.3	408.2	15.1	480.5	-57.2	N/A	N/A	N/A	N/A	450.1	-26.7	MARK/LIGHT
21693	POLE	431.3	43.2	388.1	411.0	20.3	485.2	-53.9	N/A	N/A	N/A	N/A	453.0	-21.7	MARK/LIGHT
21847	TREE	426.3	53.7	372.6	414.1	12.2	N/A	N/A	N/A	N/A	N/A	N/A	457.9	-31.6	TRIM/REMOVE
21970	POWER TRANSMISSION POLE	432.2	32.0	400.3	397.6	34.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MARK/LIGHT
21971	POWER TRANSMISSION POLE	429.3	32.8	396.5	400.3	29.0	N/A	N/A	N/A	N/A	N/A	N/A	443.1	-13.8	MARK/LIGHT
21972	POWER TRANSMISSION POLE	428.1	35.9	392.2	403.0	25.1	471.7	-43.5	N/A	N/A	N/A	N/A	445.5	-17.4	MARK/LIGHT
21973	POWER TRANSMISSION POLE	432.0	45.2	386.8	406.2	25.9	477.0	-45.0	N/A	N/A	N/A	N/A	448.3	-16.3	MARK/LIGHT
21974	POWER TRANSMISSION POLE	427.9	43.5	384.3	407.4	20.5	479.1	-51.2	N/A	N/A	N/A	N/A	449.4	-21.5	MARK/LIGHT
21999	GROUND	325.8	N/A	325.8	311.7	14.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22001	GROUND	334.9	N/A	334.9	317.4	17.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22002	GROUND	344.3	N/A	344.3	322.8	21.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22011	TREE	377.8	20.8	357.0	345.7	32.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
22061	TREE	433.4	36.1	397.3	392.4	41.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
22063	TREE	415.6	22.8	392.8	388.4	27.2	N/A	N/A	N/A	N/A	N/A	N/A	431.0	-15.4	TRIM/REMOVE
22066	TREE	455.6	55.6	400.0	411.4	44.3	485.8	-30.2	N/A	N/A	N/A	N/A	454.0	1.6	TRIM/REMOVE

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NO.	REVISIONS	BY	APP.	DATE

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TRUE NORTH
MAG NORTH
9°23' E

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24R
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - D

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 27 OF 51

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RUNWAY 24R - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
22074	SIGN	303.7	3.2	300.4	N/A	N/A	N/A	N/A	N/A	N/A	374.0	-70.3	N/A	N/A	NO ACTION
22075	SIGN	278.8	3.4	275.4	N/A	N/A	N/A	N/A	N/A	N/A	413.9	-135.2	N/A	N/A	NO ACTION
22084	WINDSOCK	306.2	10.2	296.0	N/A	N/A	N/A	N/A	N/A	N/A	365.8	-59.6	N/A	N/A	NO ACTION
22108	GROUND	340.3	N/A	340.3	336.7	3.7	358.8	-18.5	N/A	N/A	N/A	N/A	376.0	-35.6	NO ACTION
22109	GROUND	341.0	N/A	341.0	332.0	9.1	N/A	N/A	N/A	N/A	N/A	N/A	371.4	-30.3	NO ACTION
22116	GROUND	385.2	N/A	385.2	383.2	2.0	N/A	N/A	N/A	N/A	N/A	N/A	425.0	-39.8	NO ACTION
22117	GROUND	382.8	N/A	382.8	377.3	5.4	N/A	N/A	N/A	N/A	N/A	N/A	418.9	-36.1	NO ACTION
22118	GROUND	380.6	N/A	380.6	371.5	9.1	N/A	N/A	N/A	N/A	N/A	N/A	412.9	-32.2	NO ACTION
22119	GROUND	377.3	N/A	377.3	365.5	11.8	N/A	N/A	N/A	N/A	N/A	N/A	406.6	-29.3	NO ACTION
22121	GROUND	369.6	N/A	369.6	353.6	16.0	N/A	N/A	N/A	N/A	N/A	N/A	394.2	-24.6	NO ACTION
22122	GROUND	363.1	N/A	363.1	347.7	15.4	N/A	N/A	N/A	N/A	N/A	N/A	388.0	-24.9	NO ACTION
22123	GROUND	357.9	N/A	357.9	342.3	15.6	N/A	N/A	N/A	N/A	N/A	N/A	382.3	-24.4	NO ACTION
22124	GROUND	354.0	N/A	354.0	336.4	17.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22126	GROUND	362.8	N/A	362.8	359.6	3.2	397.8	-35.0	N/A	N/A	N/A	N/A	399.8	-37.1	NO ACTION
22127	GROUND	368.3	N/A	368.3	365.5	2.8	407.8	-39.5	N/A	N/A	N/A	N/A	406.0	-37.7	NO ACTION
22128	GROUND	373.3	N/A	373.3	371.5	1.8	418.1	-44.8	N/A	N/A	N/A	N/A	412.3	-39.0	NO ACTION
22129	GROUND	378.3	N/A	378.3	377.5	0.8	428.3	-50.0	N/A	N/A	N/A	N/A	418.5	-40.2	NO ACTION
22131	TREE	458.1	58.1	400.0	450.9	7.1	553.1	-95.0	N/A	N/A	N/A	N/A	495.2	-37.1	TRIM/REMOVE
22135	TREE	446.8	46.8	400.0	427.8	19.0	513.8	-67.0	N/A	N/A	N/A	N/A	471.1	-24.3	TRIM/REMOVE
22216	SIGN	285.4	3.0	282.4	N/A	N/A	N/A	N/A	N/A	N/A	354.2	-68.8	N/A	N/A	NO ACTION
22297	TREE	381.1	21.9	359.2	348.5	32.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
22310	TREE	405.3	32.9	372.4	363.2	42.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
22313	TREE	398.0	25.9	372.1	364.4	33.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
22358	GROUND	358.0	N/A	358.0	354.1	3.9	388.4	-30.4	N/A	N/A	N/A	N/A	394.1	-36.1	NO ACTION
22369	TREE	400.9	22.4	378.5	372.0	28.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
22391	TREE	412.4	21.1	391.4	384.7	27.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
22392	TREE	416.9	22.7	394.2	389.1	27.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
22409	TREE	416.3	16.3	400.0	408.6	7.8	481.1	-64.7	N/A	N/A	N/A	N/A	451.2	-34.9	TRIM/REMOVE
22422	TREE	437.9	37.9	400.0	422.3	15.6	504.3	-66.4	N/A	N/A	N/A	N/A	465.2	-27.3	TRIM/REMOVE
22538	FENCE	408.5	7.1	401.4	404.5	4.0	N/A	N/A	N/A	N/A	N/A	N/A	447.5	-39.0	NO ACTION
22838	GROUND	332.2	N/A	332.2	314.7	17.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22842	GROUND	348.0	N/A	348.0	326.6	21.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22844	GROUND	358.7	N/A	358.7	340.1	18.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22845	GROUND	356.1	N/A	356.1	339.3	16.7	N/A	N/A	N/A	N/A	N/A	N/A	379.3	-23.3	NO ACTION
22846	GROUND	343.7	N/A	343.7	339.2	4.5	N/A	N/A	N/A	N/A	N/A	N/A	378.8	-35.1	NO ACTION
22848	GROUND	362.5	N/A	362.5	344.0	18.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22849	GROUND	367.0	N/A	367.0	350.1	16.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22851	GROUND	354.0	N/A	354.0	349.8	4.3	381.1	-27.1	N/A	N/A	N/A	N/A	389.7	-35.7	NO ACTION
22852	GROUND	350.0	N/A	350.0	345.7	4.3	N/A	N/A	N/A	N/A	N/A	N/A	385.5	-35.5	NO ACTION
22853	GROUND	357.8	N/A	357.8	357.1	0.8	393.5	-35.7	N/A	N/A	N/A	N/A	397.0	-39.2	NO ACTION
22854	GROUND	361.5	N/A	361.5	356.9	4.6	393.2	-31.7	N/A	N/A	N/A	N/A	397.1	-35.7	NO ACTION
22855	GROUND	372.1	N/A	372.1	356.7	15.4	N/A	N/A	N/A	N/A	N/A	N/A	397.4	-25.3	NO ACTION
22856	GROUND	375.1	N/A	375.1	362.1	13.0	N/A	N/A	N/A	N/A	N/A	N/A	403.1	-28.0	NO ACTION
22857	GROUND	366.3	N/A	366.3	362.4	3.9	402.5	-36.2	N/A	N/A	N/A	N/A	402.9	-36.6	NO ACTION
22858	GROUND	363.4	N/A	363.4	362.6	0.7	403.0	-39.6	N/A	N/A	N/A	N/A	402.8	-39.4	NO ACTION
22860	GROUND	370.7	N/A	370.7	368.2	2.5	412.4	-41.7	N/A	N/A	N/A	N/A	408.9	-38.2	NO ACTION
22862	GROUND	375.9	N/A	375.9	360.1	15.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22864	GROUND	379.9	N/A	379.9	366.8	13.1	N/A	N/A	N/A	N/A	N/A	N/A	408.3	-28.4	NO ACTION
22867	GROUND	370.3	N/A	370.3	353.6	16.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
22869	GROUND	385.1	N/A	385.1	374.2	10.9	N/A	N/A	N/A	N/A	N/A	N/A	415.9	-30.8	NO ACTION
22870	GROUND	377.5	N/A	377.5	374.2	3.3	422.7	-45.2	N/A	N/A	N/A	N/A	415.4	-37.9	NO ACTION
22871	GROUND	375.4	N/A	375.4	374.5	0.9	423.1	-47.7	N/A	N/A	N/A	N/A	415.3	-39.9	NO ACTION
22890	GROUND	382.1	N/A	382.1	380.4	1.7	433.2	-51.1	N/A	N/A	N/A	N/A	421.9	-39.8	NO ACTION
22891	GROUND	380.7	N/A	380.7	380.6	0.1	433.4	-52.8	N/A	N/A	N/A	N/A	421.6	-41.0	NO ACTION

RUNWAY 24R - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-1	AIRPORT SERVICE RD	360.0	10.0	350.0	393.6	-33.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
Z-3	AIRPORT SERVICE RD	390.9	10.0	380.9	406.3	-15.3	477.2	-86.2	426.4	-35.5	N/A	N/A	447.6	-56.6	NO ACTION
Z-5	AIRPORT SERVICE RD	359.4	10.0	349.4	324.7	34.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
Z-22	ARMY DR	367.0	17.0	350.0	407.1	-40.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
Z-49	UNKNOWN	433.3	15.0	418.3	452.3	-18.9	N/A	N/A	N/A	N/A	N/A	N/A	498.2	-64.9	NO ACTION
Z-50	UNKNOWN	427.0	15.0	412.0	449.8	-22.8	N/A	N/A	N/A	N/A	N/A	N/A	495.7	-68.6	NO ACTION
Z-52	ARMY DR	417.0	17.0	400.0	397.8	19.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
Z-128	ARMY DR	392.9	17.0	375.9	410.5	-17.6	484.3	-91.5	431.2	-38.4	N/A	N/A	451.9	-59.1	NO ACTION
Z-129	AIRPORT SERVICE RD	352.3	10.0	342.3	333.6	18.7	353.6	-1.4	344.1	8.2	N/A	N/A	372.1	-19.8	NO ACTION
Z-130	AIRPORT SERVICE RD	355.9	10.0	345.9	321.5	34.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
Z-131	AIRPORT SERVICE RD	360.0	10.0	350.0	346.4	13.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
Z-132	AIRPORT SERVICE RD	338.4	10.0	328.4	328.7	9.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION
Z-133	AIRPORT SERVICE RD	314.5	10.0	304.5	309.6	5.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO ACTION

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH / VAR. 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24R
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - E

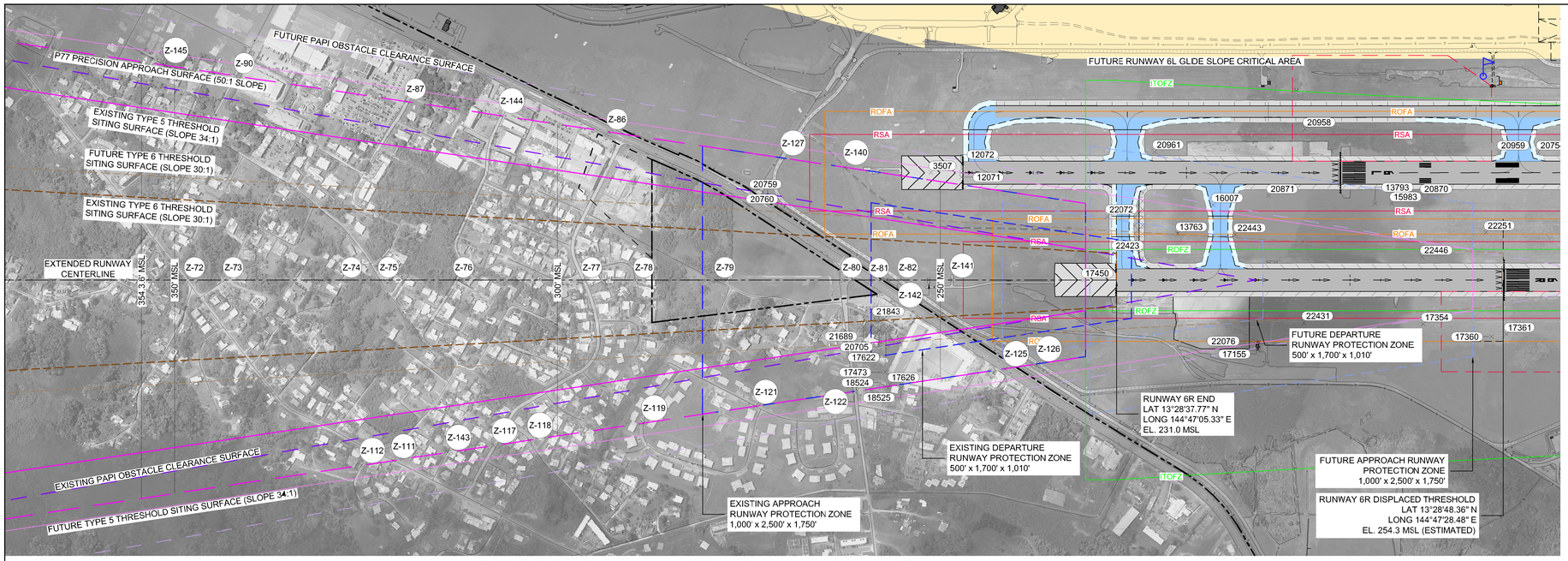
ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

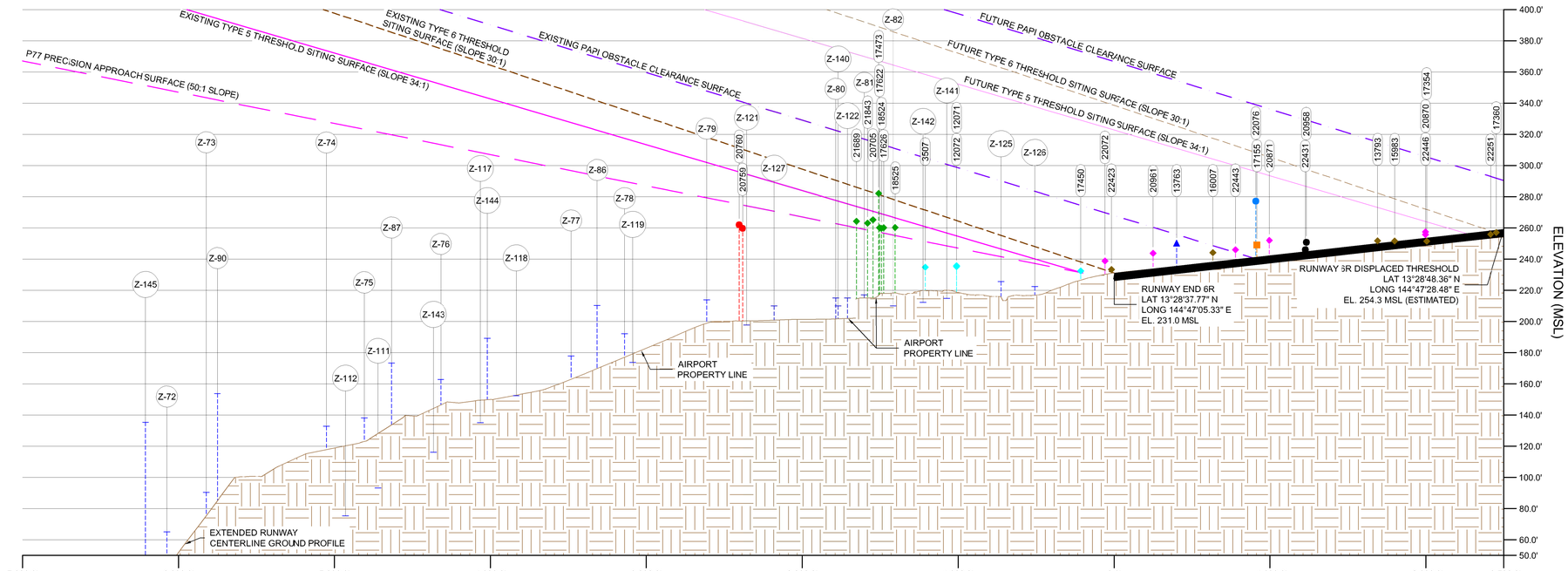
SHEET: 28 OF 51

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FUTURE RUNWAY 6R INNER APPROACH - PLAN VIEW

HORIZONTAL SCALE : 1" = 400'



FUTURE RUNWAY 6R INNER APPROACH - PROFILE VIEW

HORIZONTAL SCALE : 1" = 400'
VERTICAL SCALE : 1" = 40'

LEGEND

ITEM	
AIRPORT PROPERTY LINE	
FUTURE AIRPORT PROPERTY LINE	
AIRFIELD PAVEMENT	
FUTURE AIRFIELD PAVEMENT	
AIRFIELD PAVEMENT TO BE REMOVED	
AIRFIELD SHOULDER PAVEMENT	
FUTURE AIRFIELD SHOULDER PAVEMENT	
ON-AIRPORT BUILDINGS	
FUTURE ON-AIRPORT BUILDINGS / STRUCTURES	
OFF-AIRPORT BUILDINGS	
ROADS & VEHICLE PARKING	
FUTURE ROADS & VEHICLE PARKING	
FENCE	
EXTENDED RUNWAY CENTERLINE	
RUNWAY SAFETY AREA	RSA
RUNWAY OBJECT FREE AREA	ROFA
RUNWAY OBSTACLE FREE ZONE	ROFZ
RUNWAY PROTECTION ZONE	
FUTURE RUNWAY PROTECTION ZONE	
PART 77 APPROACH SURFACE	
TYPE 5 THRESHOLD SITING SURFACE	
FUTURE TYPE 5 THRESHOLD SITING SURFACE	
TYPE 6 THRESHOLD SITING SURFACE	
FUTURE TYPE 6 THRESHOLD SITING SURFACE	
PAPI OBSTACLE CLEARANCE SURFACE	
FUTURE PAPI OBSTACLE CLEARANCE SURFACE	
PROPOSED PROPERTY ACQUISITION	
FUTURE AERONAUTICAL DEVELOPMENT	
FUTURE NON-AERONAUTICAL DEVELOPMENT	
EASEMENT	
PRECISION OBSTACLE FREE ZONE (POFZ)	
LOCALIZER CRITICAL AREA	
GLIDE SLOPE CRITICAL AREA	
RUNWAY THRESHOLD LIGHTS	
PAPI	
FUTURE WIND CONE	
ASOS	
ROTATING BEACON	
AIRPORT REFERENCE POINT (ARP)	
5' GROUND CONTOUR	250
VEGETATION ' TREES	

OBSTRUCTIONS LEGEND

ITEM		
TREE/BUSH	XXXX	◆
POLE	XXXX	●
GROUND	XXXX	◆
BUILDING	XXXX	■
FENCE	XXXX	×
TOWER/ANTENNA	XXXX	●
NAVAID	XXXX	▲
LIGHT	XXXX	◆
SIGN	XXXX	◆
OTHER	XXXX	●
ROAD'TRAVERSEWAY	Z-X	–

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NCDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION ON SHEETS 30 TO 31. THERE ARE NO OBSTRUCTIONS TO THE FUTURE THRESHOLD SITING SURFACE.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRD, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
8. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS.
9. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE. NON-STANDARD DRAWING SCALES ARE REQUIRED TO DEPICT THE EXTENTS OF ANALYZED SURFACES.
10. THE FUTURE INNER APPROACH OBSTACLE FREE ZONE FALLS WITHIN THE LIMITS OF THE RUNWAY OBSTACLE FREE ZONE. THEREFORE, THE INNER APPROACH OBSTACLE FREE ZONE IS NOT DEPICTED, AND OBSTRUCTIONS ARE ANALYZED BASED ON THE RUNWAY OBSTACLE FREE ZONE AND INNER TRANSITIONAL OBSTACLE FREE ZONE FOR THE FULL LENGTH OF THE RUNWAY.
8. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH / VARIATION (9.4°E)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

400 0 400
HORIZONTAL SCALE IN FEET
SCALE : 1" = 400'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 6R
INNER PORTION OF THE APPROACH SURFACE DRAWING

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23
SHEET: 29 OF 51

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RUNWAY 6R - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
3507	RUNWAY LIGHT	234.8	4.4	230.3	N/A	N/A	358.4	-123.7	N/A	N/A	N/A	N/A	405.3	-170.6	NO ACTION
12071	RUNWAY LIGHT	235.1	1.6	233.5	N/A	N/A	352.5	-117.4	N/A	N/A	N/A	N/A	399.1	-164.0	NO ACTION
12072	RUNWAY LIGHT	235.8	2.0	233.7	N/A	N/A	352.5	-116.8	N/A	N/A	N/A	N/A	399.3	-163.5	NO ACTION
13763	WINDSOCK	249.5	10.1	239.4	N/A	N/A	311.0	-61.5	N/A	N/A	292.4	-42.8	354.9	-105.4	NO ACTION
13793	GROUND	251.7	N/A	251.7	N/A	N/A	N/A	N/A	N/A	N/A	337.5	-85.9	N/A	N/A	NO ACTION
13817	GROUND	261.8	N/A	261.8	N/A	N/A	N/A	N/A	N/A	N/A	302.7	-40.9	N/A	N/A	NO ACTION
13834	SIGN	263.0	3.6	259.4	N/A	N/A	N/A	N/A	N/A	N/A	435.5	-172.4	N/A	N/A	NO ACTION
13835	GROUND	267.5	N/A	267.5	N/A	N/A	N/A	N/A	N/A	N/A	308.8	-41.4	N/A	N/A	NO ACTION
15983	GROUND	251.5	N/A	251.5	N/A	N/A	N/A	N/A	N/A	N/A	338.3	-86.8	N/A	N/A	NO ACTION
16007	GROUND	244.0	N/A	244.0	N/A	N/A	N/A	N/A	N/A	N/A	326.2	-82.2	348.7	-104.6	NO ACTION
17155	BUILDING	249.1	13.0	236.1	N/A	N/A	N/A	N/A	N/A	N/A	317.4	-68.3	339.8	-90.8	NO ACTION
17301	GROUND	259.4	N/A	259.4	N/A	N/A	N/A	N/A	N/A	N/A	312.8	-53.4	N/A	N/A	NO ACTION
17354	GROUND	251.4	N/A	251.4	N/A	N/A	N/A	N/A	N/A	N/A	304.7	-53.3	N/A	N/A	NO ACTION
17360	GROUND	257.0	N/A	257.0	N/A	N/A	N/A	N/A	N/A	N/A	322.1	-65.2	N/A	N/A	NO ACTION
17361	GROUND	256.4	N/A	256.4	N/A	N/A	N/A	N/A	N/A	N/A	320.2	-63.9	N/A	N/A	NO ACTION
17450	RUNWAY LIGHT	232.3	5.7	226.6	231.3	1.0	329.1	-96.7	345.7	-113.4	231.3	1.0	373.2	-140.9	NO ACTION
17473	TREE	282.1	82.1	200.0	257.2	24.9	367.2	-85.1	N/A	N/A	N/A	N/A	414.0	-131.9	TRIM/REMOVE
17622	TREE	260.0	60.0	200.0	257.1	2.9	367.1	-107.0	388.8	-128.7	N/A	N/A	413.0	-153.0	TRIM/REMOVE
17626	TREE	260.1	60.1	200.0	256.6	3.5	366.3	-106.2	N/A	N/A	N/A	N/A	413.3	-153.3	TRIM/REMOVE
18524	TREE	259.6	59.6	200.0	N/A	N/A	366.7	-107.1	N/A	N/A	N/A	N/A	413.9	-154.2	NO ACTION
18525	TREE	260.3	60.3	200.0	N/A	N/A	364.1	-103.8	N/A	N/A	N/A	N/A	411.2	-150.9	NO ACTION
20575	SIGN	263.7	4.8	258.9	N/A	N/A	N/A	N/A	N/A	N/A	362.0	-98.3	N/A	N/A	NO ACTION
20576	SIGN	264.8	3.9	260.9	N/A	N/A	N/A	N/A	N/A	N/A	342.3	-77.5	N/A	N/A	NO ACTION
20705	TREE	265.1	65.1	200.0	258.0	7.2	368.3	-103.2	390.2	-125.0	N/A	N/A	414.3	-149.2	TRIM/REMOVE
20754	SIGN	256.8	3.4	253.4	N/A	N/A	N/A	N/A	N/A	N/A	402.0	-145.2	N/A	N/A	NO ACTION
20755	SIGN	261.3	4.8	256.4	N/A	N/A	N/A	N/A	N/A	N/A	356.5	-95.3	N/A	N/A	NO ACTION
20759	POLE	259.6	48.6	211.1	274.7	-15.0	392.9	-133.2	N/A	N/A	N/A	N/A	440.4	-180.8	NO ACTION
20760	POLE	261.9	50.8	211.1	275.1	-13.2	393.5	-131.6	N/A	N/A	N/A	N/A	440.8	-178.9	NO ACTION
20870	SIGN	257.5	5.0	252.5	N/A	N/A	N/A	N/A	N/A	N/A	348.6	-91.1	N/A	N/A	NO ACTION
20871	SIGN	251.9	3.3	248.6	N/A	N/A	N/A	N/A	N/A	N/A	339.6	-87.7	N/A	N/A	NO ACTION
20958	UTILITY BOX	250.8	3.7	247.1	N/A	N/A	N/A	N/A	N/A	N/A	414.2	-163.4	N/A	N/A	NO ACTION
20959	SIGN	256.1	3.3	252.8	N/A	N/A	N/A	N/A	N/A	N/A	399.9	-143.8	N/A	N/A	NO ACTION
20961	SIGN	243.7	3.0	240.7	N/A	N/A	N/A	N/A	N/A	N/A	380.1	-136.4	N/A	N/A	NO ACTION
21043	SIGN	269.4	5.1	264.4	N/A	N/A	N/A	N/A	N/A	N/A	263.3	6.1	N/A	N/A	LOWER/RELOCATE
21049	SIGN	268.9	3.5	265.4	N/A	N/A	N/A	N/A	N/A	N/A	320.9	-51.9	N/A	N/A	NO ACTION
21689	TREE	264.3	64.3	200.0	260.0	4.2	371.4	-107.1	393.6	-129.4	N/A	N/A	417.5	-153.2	TRIM/REMOVE
21843	TREE	263.1	63.1	200.0	258.6	4.4	369.3	-106.2	391.3	-128.2	N/A	N/A	415.2	-152.1	TRIM/REMOVE
22072	SIGN	238.8	3.3	235.5	N/A	N/A	324.5	-85.7	N/A	N/A	307.3	-68.5	369.3	-130.5	NO ACTION
22076	ANTENNA	277.2	40.8	236.4	N/A	N/A	296.1	-18.9	N/A	N/A	313.3	-36.0	339.9	-62.7	NO ACTION
22081	SIGN	263.7	4.5	259.1	N/A	N/A	N/A	N/A	N/A	N/A	257.9	5.8	N/A	N/A	LOWER/RELOCATE
22082	GROUND	259.6	N/A	259.6	N/A	N/A	N/A	N/A	N/A	N/A	312.3	-52.7	N/A	N/A	NO ACTION
22251	GROUND	255.9	N/A	255.9	N/A	N/A	N/A	N/A	N/A	N/A	311.9	-56.1	N/A	N/A	NO ACTION
22423	GROUND	233.3	N/A	233.3	N/A	N/A	323.3	-90.0	339.2	-105.9	231.0	2.3	367.4	-134.1	NO ACTION
22431	UTILITY BOX	246.0	3.0	243.0	N/A	N/A	286.7	-40.7	N/A	N/A	296.3	-50.3	329.8	-83.8	NO ACTION
22443	SIGN	246.0	3.3	242.7	N/A	N/A	299.9	-53.9	N/A	N/A	295.0	-49.0	343.5	-97.4	NO ACTION
22446	SIGN	255.7	4.0	251.6	N/A	N/A	264.0	-8.4	272.0	-16.3	250.0	5.6	305.9	-50.3	LOWER/RELOCATE

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION. THERE ARE NO OBSTRUCTIONS TO THE FUTURE THRESHOLD SITING SURFACE FOR THIS RUNWAY END.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
8. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
9. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
10. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
11. ALL ELEVATIONS ARE IN FEET.
12. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
13. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 6R
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - A

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 30 OF 51

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RUNWAY 6R - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-72	SGT ROY T DAMIAN JR ST	65.0	15.0	50.0	348.5	-283.5	478.1	-413.1	541.1	-476.1	N/A	N/A	552.3	-487.3	NO ACTION
Z-73	JESUS CAMACHO ST	90.4	15.0	75.4	343.4	-253.0	470.7	-380.3	532.6	-442.2	N/A	N/A	544.6	-454.2	NO ACTION
Z-74	TUBA ST	132.8	15.0	117.8	328.0	-195.3	448.0	-315.2	506.9	-374.2	N/A	N/A	521.0	-388.3	NO ACTION
Z-75	MANIBUSAN ST	138.0	15.0	123.0	323.2	-185.1	440.9	-302.9	498.9	-360.8	N/A	N/A	513.6	-375.6	NO ACTION
Z-76	ROBAT ST	162.7	15.0	147.7	313.4	-150.6	426.5	-263.7	482.5	-319.8	N/A	N/A	498.6	-335.9	NO ACTION
Z-77	CHN R S SANCHEZ	177.9	15.0	162.9	296.7	-118.8	401.9	-224.0	454.7	-276.8	N/A	N/A	473.1	-295.3	NO ACTION
Z-78	E MALATE ST	192.0	15.0	177.0	289.8	-97.8	391.8	-199.8	443.2	-251.2	N/A	N/A	462.6	-270.6	NO ACTION
Z-79	RAMIREZ WY	213.8	15.0	198.8	279.2	-65.4	376.3	-162.4	425.6	-211.8	279.2	-65.4	446.5	-232.7	NO ACTION
Z-80	CANADA TOTO RD	215.0	15.0	200.0	262.7	-47.7	351.9	-136.9	398.0	-183.0	262.7	-47.7	421.2	-206.2	NO ACTION
Z-81	PURPLE HEART MEMORIAL HWY	217.0	17.0	200.0	259.1	-42.1	346.6	-129.6	392.0	-175.0	259.1	-42.1	415.7	-198.7	NO ACTION
Z-82	AIRPORT SERVICE RD	210.0	10.0	200.0	255.4	-45.4	341.1	-131.1	385.8	-175.8	255.4	-45.4	410.0	-200.0	NO ACTION
Z-86	PURPLE HEART MEMORIAL HWY	210.3	17.0	193.3	293.3	-83.0	396.9	-186.7	N/A	N/A	N/A	N/A	470.1	-259.8	NO ACTION
Z-87	PATERNO ST	173.3	15.0	158.3	319.7	-146.4	435.7	-262.4	N/A	N/A	N/A	N/A	510.8	-337.5	NO ACTION
Z-90	BIANG ST	153.7	15.0	138.7	342.0	-188.3	468.6	-314.9	N/A	N/A	N/A	N/A	545.3	-391.6	NO ACTION
Z-111	SGT ROY T DAMIAN JR ST	93.2	15.0	78.2	321.4	-228.2	438.3	-345.1	N/A	N/A	N/A	N/A	513.5	-420.3	NO ACTION
Z-112	TORRES ST	75.3	15.0	60.3	325.6	-250.3	444.4	-369.2	N/A	N/A	N/A	N/A	520.0	-444.7	NO ACTION
Z-117	CHN R S SANCHEZ	135.0	15.0	120.0	308.3	-173.3	419.0	-284.0	N/A	N/A	N/A	N/A	493.3	-358.3	NO ACTION
Z-118	CABAYERO ST	152.4	15.0	137.4	303.7	-151.3	412.2	-259.9	N/A	N/A	N/A	N/A	486.1	-333.8	NO ACTION
Z-119	CALLE DAMIAN ST	173.8	15.0	158.8	288.7	-115.0	390.3	-216.5	N/A	N/A	N/A	N/A	463.1	-289.3	NO ACTION
Z-121	CALLE PAQUITO ST	197.7	15.0	182.7	274.1	-76.5	368.7	-171.1	N/A	N/A	N/A	N/A	440.5	-242.8	NO ACTION
Z-122	CANADA TOTO RD	215.0	15.0	200.0	261.2	-46.2	349.8	-134.8	N/A	N/A	N/A	N/A	420.5	-205.5	NO ACTION
Z-125	PURPLE HEART MEMORIAL HWY	225.6	17.0	208.6	241.5	-15.9	320.8	-95.2	N/A	N/A	N/A	N/A	390.1	-164.5	NO ACTION
Z-126	AIRPORT SERVICE RD	222.4	10.0	212.4	237.2	-14.8	314.4	-92.1	N/A	N/A	N/A	N/A	383.4	-161.0	NO ACTION
Z-127	AIRPORT SERVICE RD	210.0	10.0	200.0	270.6	-60.6	363.6	-153.6	N/A	N/A	N/A	N/A	435.1	-225.1	NO ACTION
Z-140	AIRPORT SERVICE RD	210.0	10.0	200.0	262.4	-52.4	365.3	-155.3	N/A	N/A	N/A	N/A	422.4	-212.4	NO ACTION
Z-141	AIRPORT SERVICE RD	214.8	10.0	204.8	248.5	-33.7	346.4	-131.6	374.3	-159.5	248.5	-33.7	399.5	-184.7	NO ACTION
Z-142	AIRPORT SERVICE RD	212.2	10.0	202.2	251.5	-39.3	350.5	-138.3	379.4	-167.2	251.5	-39.3	404.1	-191.9	NO ACTION
Z-143	ANGA ST	116.1	15.0	101.1	314.3	-198.2	435.6	-319.4	N/A	N/A	N/A	N/A	502.6	-386.4	NO ACTION
Z-144	ROBAT ST	189.2	15.0	174.2	307.4	-118.2	426.2	-237.0	N/A	N/A	N/A	N/A	491.9	-302.7	NO ACTION
Z-145	CAMACHO ST	135.3	15.0	120.3	351.3	-215.9	485.6	-350.2	N/A	N/A	N/A	N/A	559.6	-424.3	NO ACTION

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
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8. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
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NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

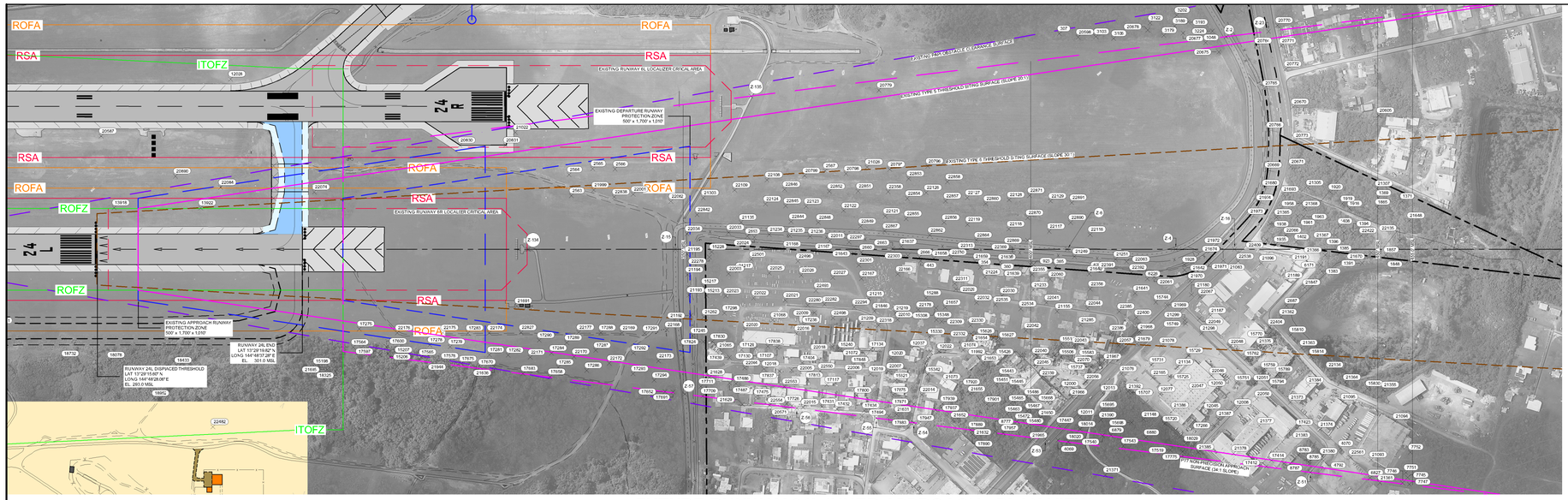
FUTURE RUNWAY 6R
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - B

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

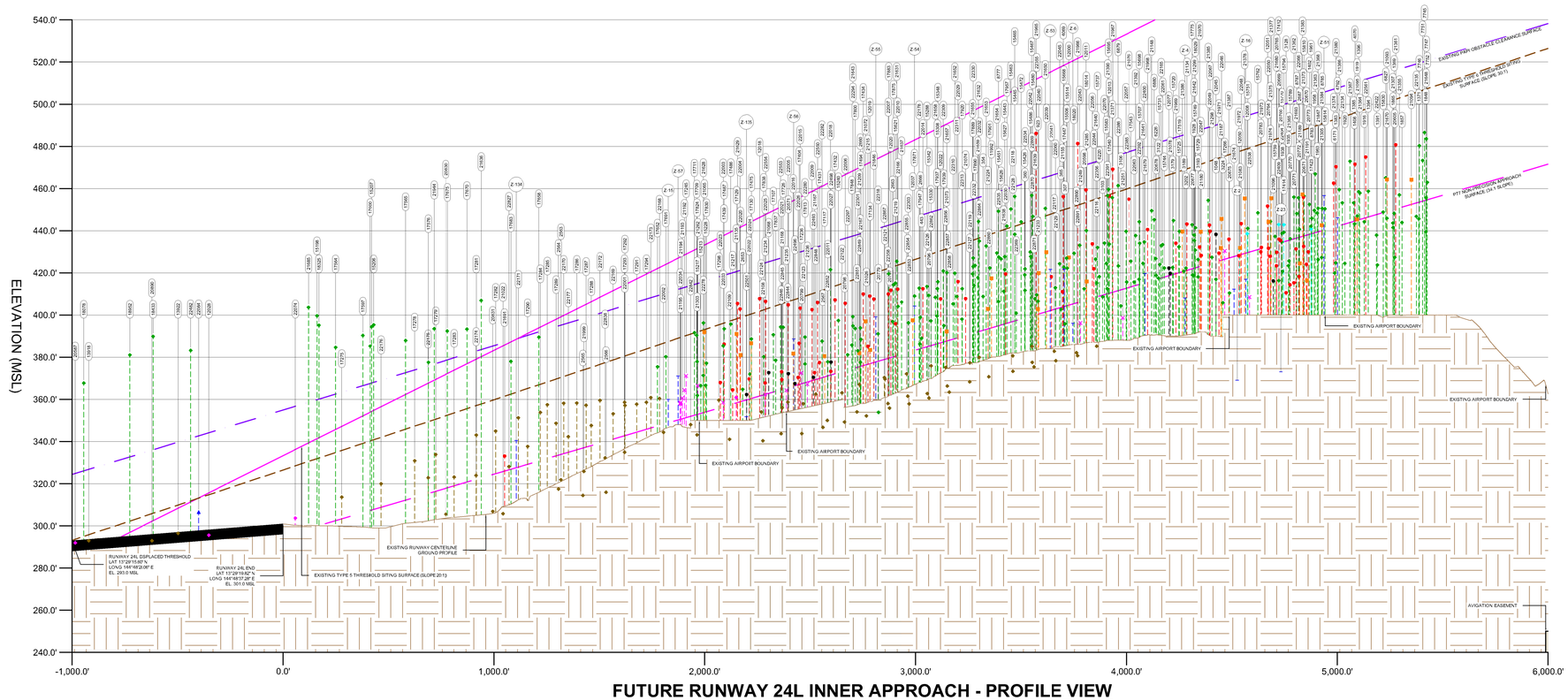
DATE: 06/23

SHEET: 31 OF 51



FUTURE RUNWAY 24L INNER APPROACH - PLAN VIEW

HORIZONTAL SCALE : 1" = 300'



FUTURE RUNWAY 24L INNER APPROACH - PROFILE VIEW

HORIZONTAL SCALE : 1" = 300'
VERTICAL SCALE : 1" = 30'

LEGEND

ITEM
AIRPORT PROPERTY LINE
FUTURE AIRPORT PROPERTY LINE
AIRFIELD PAVEMENT
FUTURE AIRFIELD PAVEMENT
AIRFIELD PAVEMENT TO BE REMOVED
AIRFIELD SHCULDER PAVEMENT
FUTURE AIRFIELD SHOULDER PAVEMENT
ON-AIRPORT BUILDINGS
FUTURE ON-AIRPORT BUILDINGS / STRJCTURES
OFF-AIRPORT BUILDINGS
ROADS & VEHICLE PARKING
FUTURE ROADS & VEHICLE PARKING
FENCE
EXTENDED RUNWAY CENTERLINE
RUNWAY SAFETY AREA (RSA)
RUNWAY OBJECT FREE AREA (ROFA)
RUNWAY OBSTACLE FREE ZONE (ROFZ)
RUNWAY PROTECTION ZONE
FUTURE RUNWAY PROTECTION ZONE
PART 77 APPROACH SURFACE
TYPE 5 THRESHOLD SITING SURFACE
FUTURE TYPE 5 THRESHOLD SITING SURFACE
TYPE 6 THRESHOLD SITING SURFACE
FUTURE TYPE 6 THRESHOLD SITING SURFACE
PAPI OBSTACLE CLEARANCE SURFACE
FUTURE PAPI OBSTACLE CLEARANCE SURFACE
PROPOSED PROPERTY ACQUISITION
FUTURE AERONAUTICAL DEVELOPMENT
FUTURE NON-AERONAUTICAL DEVELOPMENT
EASEMENT
PRECISION OBSTACLE FREE ZONE (POFZ)
LOCALIZER CRITICAL AREA
GLIDE SLOPE CRITICAL AREA
RUNWAY THRESHOLD LIGHTS
PAPI
FUTURE WIND CONE
ASOS
ROTATING BEACON
AIRPORT REFERENCE POINT (ARP)
5' GROUND CONTOUR
VEGETATION ' TREES

OBSTRUCTIONS LEGEND

ITEM		
TREE/BUSH	XXXX	◆
POLE	XXXX	●
GROUND	XXXX	◆
BUILDING	XXXX	■
FENCE	XXXX	×
TOWER/ANTENNA	XXXX	●
NAVAID	XXXX	▲
LIGHT	XXXX	◆
SIGN	XXXX	◆
OTHER	XXXX	●
ROAD'TRAVERSEWAY	Z-X	–

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWINGS PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NCDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION ON SHEETS 33 TO 40.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRD, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
8. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS.
9. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE. NON-STANDARD DRAWING SCALES ARE REQUIRED TO DEPICT THE EXTENTS OF ANALYZED SURFACES.
8. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAG N 0°23' E (9.4')

MAGNETIC DECLINATION = 9°23' (9.4') EAST (JANUARY 2023)
ANNUAL RATE OF CHANGE: 0°1' (0.017') WEST / YEAR

300 0 300
HORIZONTAL SCALE IN FEET
SCALE : 1" = 300'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE DRAWING

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 32 OF 51

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RUNWAY 24L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
307	TREE	395.8	44.7	351.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	471.0	-75.2	NO ACTION
354	TREE	408.8	32.0	376.8	392.8	16.0	499.3	-90.5	437.2	-28.4	N/A	N/A	456.4	-47.6	TRIM/REMOVE
360	TREE	411.7	31.1	380.6	398.6	13.1	509.1	-97.5	443.8	-32.1	N/A	N/A	462.4	-50.7	TRIM/REMOVE
365	TREE	402.7	16.6	386.1	403.6	-0.9	517.7	-115.0	449.5	-46.8	N/A	N/A	467.7	-65.0	TRIM/REMOVE
443	TREE	389.0	19.3	369.7	384.2	4.8	484.6	-95.6	427.4	-38.4	N/A	N/A	447.4	-58.4	TRIM/REMOVE
923	TREE	406.5	24.3	382.3	400.4	6.1	512.2	-105.7	445.8	-39.3	N/A	N/A	464.3	-57.8	TRIM/REMOVE
1048	TREE	416.9	56.9	360.0	425.2	-8.3	N/A	N/A	N/A	N/A	N/A	N/A	492.4	-75.5	TRIM/REMOVE
1307	TREE	440.5	46.4	394.0	464.5	-24.0	621.1	-180.7	518.4	-78.0	N/A	N/A	530.8	-90.4	NO ACTION
1311	TREE	449.6	61.2	388.3	462.2	-12.6	617.2	-167.7	515.8	-66.2	N/A	N/A	528.5	-78.9	NO ACTION
1325	TREE	453.8	53.8	400.0	474.8	-20.9	638.6	-184.8	530.1	-76.3	N/A	N/A	541.5	-87.7	NO ACTION
1326	TREE	452.2	52.2	400.0	475.6	-23.4	640.1	-187.9	531.1	-78.8	N/A	N/A	542.4	-90.2	NO ACTION
1340	TREE	455.9	55.9	400.0	456.4	-0.5	607.4	-151.5	509.3	-53.4	N/A	N/A	522.4	-66.6	TRIM/REMOVE
1348	TREE	439.1	81.3	357.9	462.3	-23.2	617.4	-178.3	516.0	-76.8	N/A	N/A	528.6	-89.5	NO ACTION
1349	TREE	453.7	94.5	359.2	462.5	-8.7	617.7	-164.0	516.2	-62.4	N/A	N/A	528.8	-75.1	TRIM/REMOVE
1351	TREE	450.2	95.0	355.2	464.6	-14.3	621.3	-171.1	518.6	-68.3	N/A	N/A	531.0	-80.8	NO ACTION
1354	TREE	443.4	60.6	382.8	459.3	-16.0	612.4	-169.0	512.6	-69.2	N/A	N/A	525.5	-82.1	NO ACTION
1357	TREE	448.9	66.4	382.5	456.8	-8.0	608.2	-159.3	509.8	-60.9	N/A	N/A	522.9	-74.1	TRIM/REMOVE
1358	TREE	444.2	57.6	386.7	456.5	-12.2	607.5	-163.3	509.4	-65.1	N/A	N/A	522.6	-78.3	NO ACTION
1369	TREE	448.2	56.8	391.4	450.1	-1.9	596.7	-148.5	502.1	-53.9	N/A	N/A	516.0	-67.8	TRIM/REMOVE
1371	TREE	445.6	53.9	391.7	453.5	-7.9	602.5	-156.9	506.0	-60.4	N/A	N/A	519.6	-74.0	TRIM/REMOVE
1383	TREE	424.7	45.2	379.5	441.9	-17.2	582.8	-158.1	492.9	-68.1	N/A	N/A	507.4	-82.7	NO ACTION
1385	TREE	453.2	55.1	398.2	444.4	8.8	587.1	-133.8	495.7	-42.5	N/A	N/A	510.0	-56.8	TRIM/REMOVE
1391	TREE	423.7	71.5	352.3	447.7	-24.0	592.7	-169.0	499.5	-75.7	N/A	N/A	513.5	-89.8	NO ACTION
1394	TREE	458.7	58.7	400.0	446.5	12.3	590.6	-131.8	498.0	-39.3	N/A	N/A	512.2	-53.4	TRIM/REMOVE
1396	TREE	458.5	58.5	400.0	445.2	13.3	588.3	-129.8	496.5	-38.1	N/A	N/A	510.8	-52.3	TRIM/REMOVE
1402	TREE	452.5	52.5	400.0	438.3	14.2	576.6	-124.1	488.7	-36.2	N/A	N/A	503.6	-51.1	TRIM/REMOVE
1408	TREE	443.2	43.2	400.0	444.5	-1.3	587.3	-144.0	495.8	-52.6	N/A	N/A	510.2	-66.9	TRIM/REMOVE
1848	TREE	439.5	83.7	355.8	454.5	-15.0	604.2	-164.7	507.1	-67.6	N/A	N/A	520.5	-81.0	NO ACTION
1857	TREE	443.9	49.4	394.5	451.2	-7.3	598.6	-154.7	503.4	-59.5	N/A	N/A	517.0	-73.2	TRIM/REMOVE
1865	TREE	441.5	45.3	396.2	449.9	-8.5	596.5	-155.0	502.0	-60.5	N/A	N/A	515.8	-74.4	TRIM/REMOVE
1916	TREE	444.2	45.5	398.7	445.9	-1.7	589.6	-145.4	497.4	-53.2	N/A	N/A	511.7	-67.4	TRIM/REMOVE
1919	TREE	447.0	50.4	396.6	444.9	2.1	587.9	-140.9	496.3	-49.3	N/A	N/A	510.6	-63.6	TRIM/REMOVE
1920	TREE	424.5	31.9	392.6	443.2	-18.7	585.0	-160.5	494.3	-69.8	N/A	N/A	508.9	-84.4	NO ACTION
1928	TREE	418.7	18.7	400.0	422.1	-3.4	549.2	-130.4	470.4	-51.7	N/A	N/A	486.9	-68.1	TRIM/REMOVE
1935	TREE	423.4	23.4	400.0	435.3	-12.0	571.6	-148.2	485.4	-62.0	N/A	N/A	500.6	-77.2	NO ACTION
1938	TREE	420.7	20.7	400.0	434.5	-13.8	570.2	-149.5	484.5	-63.7	N/A	N/A	499.8	-79.0	NO ACTION
1958	TREE	449.6	49.6	400.0	438.9	10.7	577.7	-128.1	489.5	-39.9	N/A	N/A	504.4	-54.8	TRIM/REMOVE
1961	TREE	442.1	42.1	400.0	438.5	3.7	577.0	-134.8	489.0	-46.8	N/A	N/A	503.9	-61.8	TRIM/REMOVE
1963	TREE	448.4	48.4	400.0	439.3	9.0	578.4	-130.1	489.9	-41.6	N/A	N/A	504.8	-56.4	TRIM/REMOVE
2476	TREE	446.5	46.5	400.0	470.3	-23.9	631.1	-184.7	525.1	-78.6	N/A	N/A	537.1	-90.7	NO ACTION
2563	GROUND	321.9	N/A	321.9	333.8	-12.0	399.1	-77.2	370.4	-48.5	N/A	N/A	395.4	-73.6	NO ACTION
2564	GROUND	317.4	N/A	317.4	333.5	-16.1	398.5	-81.1	N/A	N/A	N/A	N/A	395.4	-77.9	NO ACTION
2565	GROUND	314.4	N/A	314.4	336.9	-22.5	404.3	-89.9	N/A	N/A	N/A	N/A	399.0	-84.6	NO ACTION
2566	GROUND	315.9	N/A	315.9	340.2	-24.2	409.8	-93.9	N/A	N/A	N/A	N/A	402.3	-86.4	NO ACTION
2567	GROUND	346.7	N/A	346.7	370.4	-23.7	461.2	-114.5	N/A	N/A	N/A	N/A	433.6	-86.8	NO ACTION
2653	TREE	364.7	14.7	350.0	359.2	5.6	442.1	-77.4	399.1	-34.4	N/A	N/A	421.5	-56.8	TRIM/REMOVE
2660	TREE	393.9	31.8	362.1	375.6	18.3	470.1	-76.2	417.7	-23.8	N/A	N/A	438.5	-44.7	TRIM/REMOVE
2663	TREE	396.9	32.1	364.8	380.1	16.8	477.7	-80.8	422.8	-25.9	N/A	N/A	443.2	-46.3	TRIM/REMOVE
2666	TREE	398.9	29.9	369.0	384.0	15.0	484.3	-85.4	427.2	-28.3	N/A	N/A	447.2	-48.3	TRIM/REMOVE
2687	TREE	440.7	73.2	367.5	436.9	3.8	574.2	-133.5	487.1	-46.5	N/A	N/A	502.3	-61.6	TRIM/REMOVE
3103	TREE	408.6	55.1	353.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	476.3	-67.6	NO ACTION
3106	TREE	404.4	49.5	354.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	478.8	-74.5	NO ACTION
3122	TREE	417.5	65.9	351.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	484.6	-67.1	NO ACTION
3128	UTILITY POLE	410.6	47.8	362.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	503.4	-92.8	NO ACTION
3179	TREE	422.5	66.5	356.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	486.3	-63.8	NO ACTION
3189	TREE	420.8	67.2	353.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	488.1	-67.4	NO ACTION
3193	TREE	418.1	65.2	352.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	490.3	-72.2	NO ACTION
3202	TREE	422.2	72.0	350.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	488.7	-66.5	NO ACTION
3224	TREE	405.8	49.1	356.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	493.6	-87.8	NO ACTION
4042	UTILITY POLE	525.8	37.7	488.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	533.3	-7.5	NO ACTION
4069	UTILITY POLE	456.1	48.0	408.2	404.0	52.2	N/A	N/A	N/A	N/A	N/A	N/A	470.2	-14.0	MARK/LIGHT
4070	UTILITY POLE	471.5	37.7	433.8	444.6	26.9	587.4	-115.8	N/A	N/A	N/A	N/A	512.1	-40.6	MARK/LIGHT
4792	SECONDARY ROAD	446.2	10.0	436.2	442.2	4.0	583.2	-137.0	N/A	N/A	N/A	N/A	509.9	-63.7	NO ACTION
6171	TREE	419.9	19.9	400.0	441.8	-21.9	582.6	-162.7	492.7	-72.8	N/A	N/A	507.3	-87.4	NO ACTION
6220	TREE	418.2	27.5	390.7	408.9	9.2	526.8	-108.6	455.5	-37.3	N/A	N/A	473.2	-55.0	TRIM/REMOVE
6226	TREE	426.8	30.2	396.6	416.8	10.0	540.1	-113.4	464.4	-37.7	N/A	N/A	481.4	-54.6	TRIM/REMOVE
6827	TREE	465.1	16.0	449.0	448.9	16.2	N/A	N/A	N/A	N/A	N/A	N/A	517.2	-52.1	TRIM/REMOVE
6879	TREE	461.4	45.2	416.2	411.5	49.9	531.2	-69.8	N/A	N/A	N/A	N/A	477.9	-16.5	TRIM/REMOVE
6880	TREE	445.2	24.0	421.3	416.6	28.6	539.8	-94.5	N/A	N/A	N/A	N/A	483.1	-37.9	TRIM/REMOVE
7745	TREE	486.6	36.6	450.0	454.3	32.3	603.9	-117.3	N/A	N/A	N/A	N/A	522.7	-36.2	TRIM/REMOVE
7746	TREE	480.3	30.3	450.0	453.6	26.7	N/A	N/A	N/A	N/A	N/A	N/A	522.1	-41.8	TRIM/REMOVE
7747	TREE	483.6	33.6	450.0	454.6	29.0	N/A	N/A	N/A	N/A	N/A	N/A	523.1	-39.6	TRIM/REMOVE
7751	TREE	473.3	26.0	447.3	454.0	19.3	603.4	-130.1	N/A	N/A	N/A	N/A	522.4	-49.0	TRIM/REMOVE

NOTES:

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10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - A

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 33 OF 51

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RUNWAY 24L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
7752	TREE	462.9	26.4	436.6	454.7	8.2	604.5	-141.6	N/A	N/A	N/A	N/A	522.6	-59.7	TRIM/REMOVE
8777	TREE	449.2	49.2	400.0	394.9	54.3	N/A	N/A	N/A	N/A	N/A	N/A	460.7	-11.4	TRIM/REMOVE
8783	TREE	445.9	11.1	434.8	438.6	7.3	577.2	-131.3	N/A	N/A	N/A	N/A	506.1	-60.2	TRIM/REMOVE
8785	TREE	450.5	13.2	437.4	440.0	10.5	579.6	-129.1	N/A	N/A	N/A	N/A	507.7	-57.2	TRIM/REMOVE
8787	TREE	448.1	9.3	438.9	436.5	11.7	N/A	N/A	N/A	N/A	N/A	N/A	504.1	-56.0	TRIM/REMOVE
11992	BUILDING	417.4	33.5	384.0	393.9	23.5	501.2	-83.8	N/A	N/A	N/A	N/A	458.1	-40.7	MARK/LIGHT
12000	BUILDING	427.4	23.6	403.7	404.7	22.6	519.6	-92.3	N/A	N/A	N/A	N/A	470.0	-42.6	MARK/LIGHT
12008	LIGHT POLE	438.6	19.2	419.4	429.6	9.0	561.8	-123.3	N/A	N/A	N/A	N/A	495.9	-57.3	MARK/LIGHT
12011	UTILITY POLE	459.4	48.0	411.4	407.1	52.3	523.6	-64.2	N/A	N/A	N/A	N/A	472.9	-13.5	MARK/LIGHT
12013	UTILITY POLE	456.5	48.6	407.9	410.3	46.1	529.1	-72.7	N/A	N/A	N/A	N/A	475.8	-19.3	MARK/LIGHT
12018	UTILITY POLE	407.8	41.9	365.9	361.6	46.2	446.2	-38.5	N/A	N/A	N/A	N/A	425.1	-17.3	MARK/LIGHT
12019	UTILITY POLE	409.0	39.0	370.0	376.9	32.1	472.3	-63.3	N/A	N/A	N/A	N/A	441.0	-32.0	MARK/LIGHT
12020	UTILITY POLE	411.7	39.3	372.5	379.8	31.9	477.3	-65.6	N/A	N/A	N/A	N/A	443.8	-32.0	MARK/LIGHT
12022	UTILITY POLE	407.7	29.5	378.2	386.8	20.9	489.1	-81.4	N/A	N/A	N/A	N/A	450.9	-43.2	MARK/LIGHT
12028	SIGN	295.5	3.5	292.0	N/A	N/A	N/A	N/A	N/A	N/A	443.8	-148.2	N/A	N/A	NO ACTION
12037	BUILDING	397.5	21.2	376.3	382.9	14.6	482.5	-85.0	N/A	N/A	N/A	N/A	446.8	-49.3	MARK/LIGHT
12045	TANK	438.2	27.1	411.1	425.2	13.0	554.5	-116.3	N/A	N/A	N/A	N/A	491.5	-53.3	MARK/LIGHT
12050	LIGHT POLE	431.2	20.6	410.6	428.5	2.7	560.0	-128.8	N/A	N/A	N/A	N/A	494.4	-63.2	MARK/LIGHT
12051	UTILITY POLE	451.6	37.5	414.1	432.4	19.2	566.6	-115.0	N/A	N/A	N/A	N/A	498.4	-46.8	MARK/LIGHT
12077	CANOPY	422.2	12.2	410.0	418.6	3.6	543.3	-121.0	N/A	N/A	N/A	N/A	484.4	-62.2	MARK/LIGHT
13850	GROUND	271.9	N/A	271.9	N/A	N/A	N/A	N/A	N/A	N/A	317.8	-45.9	N/A	N/A	NO ACTION
13852	GROUND	274.8	N/A	274.8	N/A	N/A	N/A	N/A	N/A	N/A	320.2	-45.3	N/A	N/A	NO ACTION
13854	GROUND	276.8	N/A	276.8	N/A	N/A	N/A	N/A	N/A	N/A	321.3	-44.6	N/A	N/A	NO ACTION
13871	SIGN	268.5	3.7	264.8	N/A	N/A	N/A	N/A	N/A	N/A	446.7	-178.2	N/A	N/A	NO ACTION
13879	GROUND	276.8	N/A	276.8	N/A	N/A	N/A	N/A	N/A	N/A	320.3	-43.5	N/A	N/A	NO ACTION
13911	GROUND	287.6	N/A	287.6	N/A	N/A	N/A	N/A	N/A	N/A	329.8	-42.3	N/A	N/A	NO ACTION
13918	GROUND	293.0	N/A	293.0	N/A	N/A	N/A	N/A	N/A	N/A	334.2	-41.3	327.2	-34.2	NO ACTION
13922	GROUND	296.5	N/A	296.5	N/A	N/A	308.3	-11.8	309.9	-13.4	337.4	-41.0	340.0	-43.6	NO ACTION
15198	TREE	399.6	63.2	336.5	N/A	N/A	N/A	N/A	N/A	N/A	398.8	0.8	N/A	N/A	TRIM/REMOVE
15206	TREE	395.3	62.1	333.3	307.7	87.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
15207	TREE	394.4	63.7	330.7	307.4	86.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
15213	TREE	366.5	16.5	350.0	353.4	13.1	432.3	-65.8	392.5	-26.0	N/A	N/A	415.6	-49.1	TRIM/REMOVE
15217	TREE	361.9	11.9	350.0	352.9	9.0	431.5	-69.6	392.0	-30.1	N/A	N/A	415.1	-53.2	TRIM/REMOVE
15228	TREE	366.7	16.7	350.0	354.0	12.6	433.4	-66.8	393.3	-26.6	N/A	N/A	416.1	-49.5	TRIM/REMOVE
15240	TREE	397.4	25.6	371.9	372.6	24.8	464.9	-67.5	N/A	N/A	N/A	N/A	436.1	-38.7	TRIM/REMOVE
15288	TREE	413.5	37.7	375.8	384.9	28.6	485.9	-72.4	428.3	-14.7	N/A	N/A	448.4	-34.8	TRIM/REMOVE
15308	TREE	412.5	34.1	378.4	386.4	26.2	488.4	-75.9	429.9	-17.4	N/A	N/A	449.9	-37.4	TRIM/REMOVE
15330	TREE	397.3	15.4	381.9	385.4	11.8	486.8	-89.6	N/A	N/A	N/A	N/A	449.3	-52.0	TRIM/REMOVE
15342	TREE	409.3	23.5	385.8	385.2	24.1	486.3	-77.0	N/A	N/A	N/A	N/A	449.5	-40.2	TRIM/REMOVE
15348	TREE	415.8	35.6	380.2	386.4	29.4	488.5	-72.7	430.0	-14.2	N/A	N/A	450.1	-34.3	TRIM/REMOVE
15426	TREE	419.1	24.0	395.1	398.5	20.5	509.1	-90.0	N/A	N/A	N/A	N/A	463.1	-44.0	TRIM/REMOVE
15443	TREE	427.7	32.2	395.5	395.8	31.9	504.4	-76.7	N/A	N/A	N/A	N/A	460.5	-32.8	TRIM/REMOVE
15445	TREE	438.3	40.4	397.9	397.2	41.1	506.7	-68.5	N/A	N/A	N/A	N/A	462.1	-23.8	TRIM/REMOVE
15451	TREE	427.5	31.8	395.7	394.9	32.5	503.0	-75.5	N/A	N/A	N/A	N/A	459.8	-32.3	TRIM/REMOVE
15463	TREE	450.3	50.3	400.0	396.6	53.7	505.8	-55.5	N/A	N/A	N/A	N/A	462.1	-11.8	TRIM/REMOVE
15465	TREE	456.2	56.5	399.7	397.2	59.1	506.7	-50.5	N/A	N/A	N/A	N/A	462.4	-6.2	TRIM/REMOVE
15467	TREE	456.7	56.7	400.0	399.5	57.2	510.7	-54.0	N/A	N/A	N/A	N/A	465.0	-8.3	TRIM/REMOVE
15472	TREE	444.2	44.2	400.0	398.1	46.1	508.2	-64.1	N/A	N/A	N/A	N/A	463.7	-19.5	TRIM/REMOVE
15480	TREE	446.8	46.8	400.0	399.7	47.1	N/A	N/A	N/A	N/A	N/A	N/A	465.5	-18.7	TRIM/REMOVE
15486	TREE	427.7	27.7	400.0	399.4	28.3	510.5	-82.8	N/A	N/A	N/A	N/A	464.6	-36.9	TRIM/REMOVE
15506	TREE	427.0	27.7	399.3	404.4	22.6	519.1	-92.1	N/A	N/A	N/A	N/A	469.2	-42.2	TRIM/REMOVE
15514	TREE	422.2	25.0	397.2	404.5	17.7	519.2	-97.0	N/A	N/A	N/A	N/A	469.1	-46.9	TRIM/REMOVE
15583	TREE	424.5	24.4	400.1	409.9	14.6	528.4	-103.9	N/A	N/A	N/A	N/A	475.0	-50.5	TRIM/REMOVE
15621	TREE	415.1	32.9	382.2	380.5	34.7	478.4	-63.2	N/A	N/A	N/A	N/A	444.8	-29.6	TRIM/REMOVE
15626	TREE	426.6	36.4	390.2	395.3	31.3	503.5	-76.9	N/A	N/A	N/A	N/A	459.5	-32.9	TRIM/REMOVE
15627	TREE	421.5	30.9	390.6	395.8	25.8	504.4	-82.8	N/A	N/A	N/A	N/A	460.0	-38.5	TRIM/REMOVE
15668	TREE	422.7	22.2	400.5	404.0	18.7	518.4	-95.7	N/A	N/A	N/A	N/A	469.3	-46.6	TRIM/REMOVE
15695	TREE	459.6	49.3	410.3	410.2	49.4	528.9	-69.4	N/A	N/A	N/A	N/A	476.0	-16.4	TRIM/REMOVE
15698	TREE	444.2	27.8	416.4	414.5	29.7	536.3	-92.1	N/A	N/A	N/A	N/A	480.7	-36.5	TRIM/REMOVE
15707	TREE	434.0	23.4	410.6	414.6	19.5	536.4	-102.3	N/A	N/A	N/A	N/A	480.2	-46.2	TRIM/REMOVE
15720	TREE	444.8	22.9	421.9	419.3	25.5	544.3	-99.5	N/A	N/A	N/A	N/A	485.6	-40.8	TRIM/REMOVE
15725	TREE	432.3	17.7	414.6	420.0	12.3	545.6	-113.3	N/A	N/A	N/A	N/A	485.6	-53.3	TRIM/REMOVE
15729	TREE	426.3	14.7	411.7	422.7	3.6	550.2	-123.8	N/A	N/A	N/A	N/A	488.1	-61.7	TRIM/REMOVE
15731	TREE	423.9	14.6	409.3	417.4	6.6	541.1	-117.1	N/A	N/A	N/A	N/A	482.7	-58.7	TRIM/REMOVE
15737	TREE	432.0	32.0	400.0	408.7	23.3	526.3	-94.3	N/A	N/A	N/A	N/A	473.7	-41.7	TRIM/REMOVE
15744	TREE	422.3	22.4	399.9	418.0	4.3	542.2	-119.9	465.8	-43.5	N/A	N/A	482.8	-60.4	TRIM/REMOVE
15749	TREE	430.8	29.5	401.3	422.3	8.5	549.5	-118.7	470.6	-39.9	N/A	N/A	487.4	-56.6	TRIM/REMOVE
15751	TREE	441.1	24.4	416.7	429.6	11.5	562.0	-120.9	N/A	N/A	N/A	N/A	495.6	-54.5	TRIM/REMOVE
15759	TREE	437.3	27.1	410.2	433.4	3.9	568.4	-131.1	N/A	N/A	N/A	N/A	499.4	-62.1	TRIM/REMOVE
15762	TREE	448.5	40.8	407.7	431.0	17.4	564.3	-115.9	N/A	N/A	N/A	N/A	496.8	-48.3	TRIM/REMOVE
15770	TREE	438.7	38.7	400.0	434.4	4.3	570.1	-131.3	484.4	-45.6	N/A	N/A	500.0	-61.2	TRIM/REMOVE
15789	TREE	436.2	25.9	410.3	435.6	0.6	572.0	-135.8	N/A	N/A	N/A	N/A	501.6	-65.4	TRIM/REMOVE
15794	TREE	439.2	24.2	415.0	434.7	4.5	570.5	-131.3	N/A	N/A	N/A	N/A	500.9	-61.7	TRIM/REMOVE

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - B

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 34 OF 51

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RUNWAY 24L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
15810	TREE	456.4	56.4	400.0	437.5	18.9	575.3	-118.9	487.9	-31.4	N/A	N/A	503.2	-46.8	TRIM/REMOVE
15814	TREE	450.4	50.4	400.0	440.4	9.9	580.3	-129.9	N/A	N/A	N/A	N/A	506.4	-56.1	TRIM/REMOVE
15830	TREE	448.8	48.6	400.2	448.6	0.3	594.1	-145.3	N/A	N/A	N/A	N/A	515.3	-66.4	TRIM/REMOVE
17107	TREE	390.7	26.4	364.2	363.5	27.2	449.5	-58.8	N/A	N/A	N/A	N/A	426.7	-36.0	TRIM/REMOVE
17117	BUILDING	380.5	13.3	367.2	370.6	9.9	461.6	-81.1	N/A	N/A	N/A	N/A	434.7	-54.2	MARK/LIGHT
17129	BUILDING	391.0	25.1	365.9	358.3	32.7	440.7	-49.7	N/A	N/A	N/A	N/A	421.4	-30.4	MARK/LIGHT
17130	BUILDING	386.6	21.2	365.4	360.4	26.2	444.2	-57.7	N/A	N/A	N/A	N/A	423.5	-36.9	MARK/LIGHT
17134	BUILDING	383.4	12.2	371.1	377.0	6.4	472.4	-89.0	N/A	N/A	N/A	N/A	440.7	-57.3	MARK/LIGHT
17236	FENCE	372.6	6.8	365.7	367.4	5.2	456.1	-83.6	408.4	-35.9	N/A	N/A	430.4	-57.9	NO ACTION
17245	FENCE	371.1	10.5	360.6	351.3	19.7	428.8	-57.8	N/A	N/A	N/A	N/A	414.0	-42.9	NO ACTION
17266	FENCE	430.4	7.6	422.8	426.5	4.0	556.5	-126.1	N/A	N/A	N/A	N/A	493.0	-62.6	NO ACTION
17275	GROUND	313.6	N/A	313.6	303.3	10.3	N/A	N/A	N/A	N/A	N/A	N/A	364.3	-50.7	NO ACTION
17278	GROUND	330.8	N/A	330.8	313.4	17.4	N/A	N/A	N/A	N/A	N/A	N/A	375.1	-44.2	NO ACTION
17279	GROUND	333.9	N/A	333.9	316.4	17.5	N/A	N/A	N/A	N/A	N/A	N/A	378.1	-44.3	NO ACTION
17281	GROUND	343.1	N/A	343.1	322.0	21.0	N/A	N/A	N/A	N/A	N/A	N/A	384.1	-41.1	NO ACTION
17282	GROUND	345.0	N/A	345.0	324.7	20.2	N/A	N/A	N/A	N/A	N/A	N/A	386.9	-41.9	NO ACTION
17283	GROUND	323.1	N/A	323.1	319.0	4.1	373.8	-50.7	N/A	N/A	N/A	N/A	380.5	-57.4	NO ACTION
17284	GROUND	353.8	N/A	353.8	331.0	22.8	N/A	N/A	N/A	N/A	N/A	N/A	393.3	-39.5	NO ACTION
17285	GROUND	357.5	N/A	357.5	331.9	25.5	N/A	N/A	N/A	N/A	N/A	N/A	394.6	-37.1	NO ACTION
17286	GROUND	358.2	N/A	358.2	336.0	22.2	N/A	N/A	N/A	N/A	N/A	N/A	398.9	-40.6	NO ACTION
17287	GROUND	357.2	N/A	357.2	337.3	19.9	405.0	-47.8	N/A	N/A	N/A	N/A	399.8	-42.6	NO ACTION
17288	GROUND	347.6	N/A	347.6	338.1	9.6	406.3	-58.7	N/A	N/A	N/A	N/A	400.2	-52.6	NO ACTION
17289	GROUND	348.6	N/A	348.6	333.2	15.5	397.9	-49.3	N/A	N/A	N/A	N/A	395.3	-46.7	NO ACTION
17290	GROUND	337.6	N/A	337.6	329.2	8.4	391.2	-53.6	N/A	N/A	N/A	N/A	391.2	-53.6	NO ACTION
17291	GROUND	357.7	N/A	357.7	344.4	13.3	417.1	-59.4	N/A	N/A	N/A	N/A	406.8	-49.1	NO ACTION
17292	GROUND	357.1	N/A	357.1	342.8	14.3	414.3	-57.2	N/A	N/A	N/A	N/A	405.4	-48.4	NO ACTION
17293	GROUND	358.6	N/A	358.6	342.7	15.9	N/A	N/A	N/A	N/A	N/A	N/A	405.8	-47.2	NO ACTION
17294	GROUND	358.6	N/A	358.6	345.8	12.8	N/A	N/A	N/A	N/A	N/A	N/A	409.1	-50.5	NO ACTION
17298	GROUND	359.6	N/A	359.6	355.9	3.7	436.6	-77.0	395.4	-35.8	N/A	N/A	418.4	-58.8	NO ACTION
17311	GROUND	292.0	N/A	292.0	N/A	N/A	N/A	N/A	N/A	N/A	358.1	-66.1	N/A	N/A	NO ACTION
17404	POLE	386.6	19.6	367.0	367.1	19.5	455.6	-69.0	N/A	N/A	N/A	N/A	430.7	-44.1	MARK/LIGHT
17412	LIGHT POLE	442.9	17.5	425.4	433.9	9.0	N/A	N/A	N/A	N/A	N/A	N/A	501.6	-58.6	MARK/LIGHT
17414	LIGHT POLE	442.8	18.1	424.8	434.7	8.1	N/A	N/A	N/A	N/A	N/A	N/A	502.2	-59.4	MARK/LIGHT
17423	LIGHT POLE	440.8	18.2	422.6	438.5	2.3	577.0	-136.2	N/A	N/A	N/A	N/A	505.5	-64.7	MARK/LIGHT
17431	UTILITY POLE	377.5	13.0	364.5	369.9	7.6	N/A	N/A	N/A	N/A	N/A	N/A	434.5	-56.9	MARK/LIGHT
17432	UTILITY POLE	407.1	40.5	366.6	372.1	35.0	N/A	N/A	N/A	N/A	N/A	N/A	436.8	-29.6	MARK/LIGHT
17434	UTILITY POLE	409.9	39.6	370.3	376.0	33.9	N/A	N/A	N/A	N/A	N/A	N/A	440.8	-30.9	MARK/LIGHT
17439	UTILITY POLE	386.2	21.1	365.1	356.6	29.6	437.8	-51.6	N/A	N/A	N/A	N/A	419.7	-33.6	MARK/LIGHT
17447	PRIMARY ROAD	421.8	15.0	406.8	404.1	17.7	518.5	-96.7	N/A	N/A	N/A	N/A	470.0	-48.2	NO ACTION
17475	TREE	388.6	21.1	367.5	360.4	28.2	N/A	N/A	N/A	N/A	N/A	N/A	424.5	-35.9	TRIM/REMOVE
17486	TREE	395.7	31.9	363.8	357.5	38.2	N/A	N/A	N/A	N/A	N/A	N/A	421.2	-25.5	TRIM/REMOVE
17487	TREE	393.4	30.3	363.1	356.6	36.8	N/A	N/A	N/A	N/A	N/A	N/A	420.3	-26.8	TRIM/REMOVE
17494	TREE	388.4	6.3	382.2	375.7	12.7	N/A	N/A	N/A	N/A	N/A	N/A	440.6	-52.2	TRIM/REMOVE
17519	TREE	439.7	12.1	427.6	420.1	19.6	N/A	N/A	N/A	N/A	N/A	N/A	487.0	-47.3	TRIM/REMOVE
17540	TREE	433.6	18.3	415.3	410.3	23.3	N/A	N/A	N/A	N/A	N/A	N/A	476.6	-43.0	TRIM/REMOVE
17543	TREE	425.6	5.4	420.2	413.4	12.2	N/A	N/A	N/A	N/A	N/A	N/A	480.0	-54.4	TRIM/REMOVE
17564	TREE	384.6	57.9	326.7	302.4	82.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
17565	TREE	387.9	60.6	327.3	312.2	75.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
17576	TREE	377.6	44.0	333.5	315.4	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
17597	TREE	390.3	57.6	332.7	306.2	84.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
17600	TREE	385.3	59.8	325.4	307.2	78.0	N/A	N/A	N/A	N/A	N/A	N/A	368.8	16.5	TRIM/REMOVE
17652	TREE	375.4	16.4	359.1	347.3	28.1	N/A	N/A	N/A	N/A	N/A	N/A	410.9	-35.5	TRIM/REMOVE
17658	TREE	389.5	39.5	350.0	330.8	58.7	N/A	N/A	N/A	N/A	N/A	N/A	393.6	-4.1	TRIM/REMOVE
17670	TREE	393.3	48.6	344.6	320.7	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
17675	TREE	392.4	53.5	338.9	318.0	74.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
17683	TREE	378.0	28.0	350.0	326.8	51.2	N/A	N/A	N/A	N/A	N/A	N/A	389.5	-11.5	TRIM/REMOVE
17691	TREE	380.3	20.5	359.8	348.5	31.8	N/A	N/A	N/A	N/A	N/A	N/A	412.1	-31.9	TRIM/REMOVE
17709	TREE	390.4	27.7	362.6	352.8	37.6	N/A	N/A	N/A	N/A	N/A	N/A	416.7	-26.3	TRIM/REMOVE
17711	TREE	391.6	30.5	361.1	352.5	39.1	N/A	N/A	N/A	N/A	N/A	N/A	416.1	-24.5	TRIM/REMOVE
17726	TREE	394.2	22.2	372.0	364.8	29.3	N/A	N/A	N/A	N/A	N/A	N/A	429.2	-35.0	TRIM/REMOVE
17775	TREE	442.8	12.8	430.1	421.9	21.0	N/A	N/A	N/A	N/A	N/A	N/A	488.8	-46.0	TRIM/REMOVE
17800	TREE	393.6	14.4	379.1	374.9	18.7	468.9	-75.3	N/A	N/A	N/A	N/A	439.3	-45.8	TRIM/REMOVE
17813	TREE	376.8	5.1	371.7	367.9	8.9	457.0	-80.2	N/A	N/A	N/A	N/A	431.8	-55.0	TRIM/REMOVE
17824	TREE	377.9	22.7	355.2	352.9	25.1	431.4	-53.5	N/A	N/A	N/A	N/A	415.6	-37.7	TRIM/REMOVE
17830	TREE	377.2	21.0	356.2	354.2	23.0	433.6	-56.5	N/A	N/A	N/A	N/A	417.0	-39.8	TRIM/REMOVE
17837	TREE	378.5	11.1	367.4	363.8	14.7	450.0	-71.5	N/A	N/A	N/A	N/A	427.4	-48.9	TRIM/REMOVE
17838	TREE	380.2	17.1	363.1	362.1	18.0	447.2	-67.0	N/A	N/A	N/A	N/A	425.3	-45.1	TRIM/REMOVE
17848	TREE	385.7	10.6	375.2	374.4	11.3	468.1	-82.4	N/A	N/A	N/A	N/A	438.3	-52.6	TRIM/REMOVE
17871	TREE	409.0	21.8	387.2	383.2	25.8	482.9	-74.0	N/A	N/A	N/A	N/A	448.0	-39.0	TRIM/REMOVE
17875	TREE	414.3	30.7	383.5	380.2	34.1	477.9	-63.6	N/A	N/A	N/A	N/A	444.8	-30.5	TRIM/REMOVE
17883	TREE	419.6	34.2	385.4	379.5	40.0	N/A	N/A	N/A	N/A	N/A	N/A	444.6	-25.0	TRIM/REMOVE
17889	TREE	423.0	25.7	397.3	391.3	31.7	N/A	N/A	N/A	N/A	N/A	N/A	457.0	-34.0	TRIM/REMOVE
17890	TREE	423.5	25.4	398.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	457.4	-33.9	NO ACTION

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - C

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 35 OF 51

C:\Users\bob.morris\DC\ACCDocs\AECOM\C-HMER (USA) 60670976--GUM Master Plan\Project Files\90 Design Collaboration\19--PLS\30_Sheets\GUM-1U7--PAS--TBLE.dwg 06/19/2024 10:51

RUNWAY 24L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
17901	TREE	422.3	25.6	396.7	393.7	28.7	500.8	-78.5	N/A	N/A	N/A	N/A	458.9	-36.5	TRIM/REMOVE
17920	TREE	412.5	20.7	391.8	389.8	22.7	494.2	-81.7	N/A	N/A	N/A	N/A	454.6	-42.1	TRIM/REMOVE
17937	TREE	399.5	8.9	390.6	386.3	13.2	488.3	-88.8	N/A	N/A	N/A	N/A	451.4	-51.9	TRIM/REMOVE
17939	TREE	394.9	4.1	390.8	387.3	7.7	489.9	-94.9	N/A	N/A	N/A	N/A	452.2	-57.3	TRIM/REMOVE
17947	TREE	386.2	-3.7	389.9	383.9	2.3	N/A	N/A	N/A	N/A	N/A	N/A	449.2	-63.0	TRIM/REMOVE
17957	TREE	442.2	42.2	400.0	396.1	46.1	N/A	N/A	N/A	N/A	N/A	N/A	461.9	-19.7	TRIM/REMOVE
18014	TREE	440.0	29.9	410.1	407.1	32.9	523.7	-83.7	N/A	N/A	N/A	N/A	473.2	-33.2	TRIM/REMOVE
18020	TREE	429.3	19.7	409.6	405.4	23.8	N/A	N/A	N/A	N/A	N/A	N/A	471.7	-42.4	TRIM/REMOVE
18029	TREE	441.4	12.2	429.2	422.3	19.1	549.5	-108.1	N/A	N/A	N/A	N/A	489.1	-47.7	TRIM/REMOVE
18078	TREE	367.7	63.9	303.8	N/A	N/A	N/A	N/A	N/A	N/A	390.5	-22.8	N/A	N/A	NO ACTION
18325	TREE	395.1	51.4	343.8	N/A	N/A	N/A	N/A	N/A	N/A	406.0	-10.9	N/A	N/A	NO ACTION
18433	TREE	389.8	80.8	309.0	N/A	N/A	N/A	N/A	N/A	N/A	397.4	-7.6	N/A	N/A	TRIM/REMOVE
18657	TREE	344.6	44.6	300.0	N/A	N/A	N/A	N/A	N/A	N/A	442.6	-98.0	N/A	N/A	NO ACTION
18732	TREE	363.5	63.5	300.0	N/A	N/A	N/A	N/A	N/A	N/A	387.6	-24.0	N/A	N/A	NO ACTION
18952	TREE	381.0	67.3	313.7	N/A	N/A	N/A	N/A	N/A	N/A	423.4	-42.4	N/A	N/A	NO ACTION
20051	TREE	363.2	63.2	300.0	N/A	N/A	N/A	N/A	N/A	N/A	413.2	-50.0	N/A	N/A	NO ACTION
20560	UTILITY BOX	285.5	3.9	281.6	N/A	N/A	N/A	N/A	N/A	N/A	334.0	-48.5	N/A	N/A	NO ACTION
20571	WALL	372.2	6.6	365.6	365.6	6.6	N/A	N/A	N/A	N/A	N/A	N/A	430.0	-57.8	MARK/LIGHT
20582	SIGN	273.8	2.9	270.9	N/A	N/A	N/A	N/A	N/A	N/A	380.0	-106.2	N/A	N/A	NO ACTION
20583	SIGN	278.1	5.3	272.8	N/A	N/A	N/A	N/A	N/A	N/A	378.9	-100.8	N/A	N/A	NO ACTION
20585	SIGN	280.1	3.7	276.5	N/A	N/A	N/A	N/A	N/A	N/A	384.2	-104.1	N/A	N/A	NO ACTION
20587	SIGN	291.9	5.2	286.7	N/A	N/A	N/A	N/A	N/A	N/A	392.2	-100.3	N/A	N/A	NO ACTION
20598	TREE	412.4	59.5	352.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	473.6	-61.2	NO ACTION
20605	TREE	427.3	63.7	363.7	450.2	-22.8	596.8	-169.5	N/A	N/A	N/A	N/A	516.8	-89.5	NO ACTION
20669	POWER TRANSMISSION POLE	435.9	57.5	378.4	434.0	2.0	569.3	-133.4	483.9	-47.9	N/A	N/A	499.5	-63.6	MARK/LIGHT
20670	POLE	424.0	48.8	375.3	437.8	-13.8	575.9	-151.9	N/A	N/A	N/A	N/A	504.2	-80.2	NO ACTION
20671	POLE	432.6	48.9	383.7	437.5	-4.9	575.2	-142.7	487.8	-55.3	N/A	N/A	503.1	-70.6	NO ACTION
20675	TREE	410.5	46.9	363.5	427.1	-16.7	557.6	-147.2	N/A	N/A	N/A	N/A	494.1	-83.7	NO ACTION
20677	TREE	418.9	62.8	356.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	489.2	-70.3	NO ACTION
20678	TREE	418.8	65.1	353.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	484.1	-65.3	NO ACTION
20764	POWER TRANSMISSION POLE	431.6	66.3	365.3	432.5	-0.9	566.8	-135.2	N/A	N/A	N/A	N/A	499.8	-68.2	NO ACTION
20765	POWER TRANSMISSION POLE	429.7	62.1	367.6	433.7	-3.9	568.8	-139.0	N/A	N/A	N/A	N/A	500.2	-70.5	NO ACTION
20766	POWER TRANSMISSION POLE	435.3	61.2	374.1	434.2	1.1	569.8	-134.5	N/A	N/A	N/A	N/A	500.2	-64.9	MARK/LIGHT
20770	POLE	414.3	50.1	364.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	503.4	-89.0	NO ACTION
20771	POLE	415.3	48.1	367.2	436.1	-20.8	572.9	-157.7	N/A	N/A	N/A	N/A	503.5	-88.2	NO ACTION
20772	POLE	418.2	48.2	370.1	436.8	-18.5	574.1	-155.9	N/A	N/A	N/A	N/A	503.7	-85.5	NO ACTION
20773	POLE	429.9	49.8	380.1	438.1	-8.2	576.3	-146.4	N/A	N/A	N/A	N/A	504.1	-74.1	NO ACTION
20779	BUSH	353.9	3.0	350.8	378.1	-24.3	N/A	N/A	N/A	N/A	N/A	N/A	442.9	-89.1	NO ACTION
20783	POWER TRANSMISSION POLE	430.0	66.3	363.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	499.6	-69.6	NO ACTION
20796	GROUND	360.6	N/A	360.6	385.2	-24.6	486.4	-125.8	428.6	-68.0	N/A	N/A	448.9	-88.4	NO ACTION
20797	GROUND	355.8	N/A	355.8	379.7	-23.8	477.0	-121.1	422.3	-66.5	N/A	N/A	443.2	-87.4	NO ACTION
20798	GROUND	349.3	N/A	349.3	373.4	-24.2	466.4	-117.1	415.2	-66.0	N/A	N/A	436.7	-87.4	NO ACTION
20799	GROUND	343.7	N/A	343.7	367.4	-23.7	456.2	-112.5	408.5	-64.7	N/A	N/A	430.5	-86.7	NO ACTION
20830	GROUND	305.5	N/A	305.5	317.8	-12.3	N/A	N/A	N/A	N/A	N/A	N/A	379.7	-74.2	NO ACTION
20831	GROUND	306.8	N/A	306.8	324.3	-17.5	N/A	N/A	N/A	N/A	N/A	N/A	386.4	-79.6	NO ACTION
20849	TREE	449.8	48.7	401.1	473.5	-23.7	636.5	-186.7	528.7	-78.9	N/A	N/A	540.3	-90.5	NO ACTION
20869	SIGN	284.4	5.8	278.6	N/A	N/A	N/A	N/A	N/A	N/A	384.4	-100.0	N/A	N/A	NO ACTION
20890	GROUND	292.9	N/A	292.9	N/A	N/A	N/A	N/A	N/A	N/A	362.4	-69.5	N/A	N/A	NO ACTION
20913	GROUND	275.7	N/A	275.7	N/A	N/A	N/A	N/A	N/A	N/A	322.0	-46.3	N/A	N/A	NO ACTION
20923	GROUND	264.9	N/A	264.9	N/A	N/A	N/A	N/A	N/A	N/A	373.9	-109.0	N/A	N/A	NO ACTION
21022	GROUND	305.8	N/A	305.8	325.7	-20.0	N/A	N/A	N/A	N/A	N/A	N/A	388.2	-82.4	NO ACTION
21026	GROUND	352.1	N/A	352.1	376.4	-24.3	471.5	-119.4	N/A	N/A	N/A	N/A	439.9	-87.8	NO ACTION
21053	SIGN	280.0	3.4	276.6	N/A	N/A	N/A	N/A	N/A	N/A	278.8	1.2	N/A	N/A	LOWER/RELOCATE
21054	SIGN	283.6	3.7	280.0	N/A	N/A	N/A	N/A	N/A	N/A	336.6	-53.0	N/A	N/A	NO ACTION
21059	SIGN	289.6	3.3	286.4	N/A	N/A	N/A	N/A	N/A	N/A	364.5	-74.8	N/A	N/A	NO ACTION
21064	ELECTRIC BOX	286.9	6.2	280.7	N/A	N/A	N/A	N/A	N/A	N/A	360.0	-73.1	N/A	N/A	NO ACTION
21065	BUILDING	391.9	25.9	366.0	353.9	38.0	433.1	-41.2	N/A	N/A	N/A	N/A	416.8	-24.9	MARK/LIGHT
21068	PARKING LOT	372.7	10.0	362.7	362.8	9.9	448.4	-75.7	403.3	-30.6	N/A	N/A	425.7	-53.0	NO ACTION
21072	BUILDING	397.0	25.4	371.7	376.3	20.7	471.3	-74.3	N/A	N/A	N/A	N/A	440.1	-43.1	MARK/LIGHT
21073	BUILDING	392.3	14.6	377.6	387.6	4.6	490.5	-98.3	N/A	N/A	N/A	N/A	452.2	-60.0	MARK/LIGHT
21074	UTILITY POLE	407.8	27.1	380.6	390.3	17.5	495.0	-87.2	N/A	N/A	N/A	N/A	454.4	-46.7	MARK/LIGHT
21076	UTILITY POLE	455.0	49.6	405.4	413.1	41.9	533.8	-78.8	N/A	N/A	N/A	N/A	478.3	-23.3	MARK/LIGHT
21078	PARKING LOT	419.8	10.0	409.8	418.8	1.0	543.6	-123.8	466.7	-46.9	N/A	N/A	484.0	-64.2	NO ACTION
21083	BUILDING	431.8	25.4	406.5	428.6	3.2	560.2	-128.3	477.8	-45.9	N/A	N/A	493.6	-61.8	MARK/LIGHT
21093	BUILDING	464.3	28.8	435.5	449.1	15.2	595.0	-130.7	N/A	N/A	N/A	N/A	517.0	-52.7	MARK/LIGHT
21094	BUILDING	464.2	29.3	434.9	452.5	11.7	600.8	-136.6	N/A	N/A	N/A	N/A	519.8	-55.6	MARK/LIGHT
21095	BUILDING	445.4	20.5	425.0	444.9	0.5	587.9	-142.5	N/A	N/A	N/A	N/A	511.7	-66.3	MARK/LIGHT
21096	BILLBOARD	416.2	12.0	404.2	433.2	-17.0	568.0	-151.8	483.0	-66.8	N/A	N/A	498.4	-82.2	MARK/LIGHT
21134	FLAGPOLE	443.2	32.3	410.8	421.2	22.0	547.6	-104.4	N/A	N/A	N/A	N/A	486.6	-43.5	MARK/LIGHT
21135	STREET SIGN	360.9	9.6	351.3	358.3	2.6	440.6	-79.7	398.1	-37.2	N/A	N/A	420.6	-59.7	LOWER/RELOCATE
21148	TREE	449.5	32.0	417.5	416.3	33.2	539.2	-89.7	N/A	N/A	N/A	N/A	482.4	-32.9	TRIM/REMOVE
21155	POLE	411.0	28.4	382.6	403.8	7.2	518.1	-107.1	449.7	-38.7	N/A	N/A	468.1	-57.1	MARK/LIGHT
21167	POLE	372.7	14.2	358.6	369.2	3.5	459.3	-86.6	410.5	-37.8	N/A	N/A	431.9	-59.2	MARK/LIGHT

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - D

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 36 OF 51

C:\Users\bob.morris\DC\ACCDocs\AECOM\C-HMER (USA) 60670976--GUM Master Plan\Project Files\90 Design Collaboration\19--PLS\01_Sheets\GUM-1UT--PAS--TBLE.dwg 06/19/2024 10:52

RUNWAY 24L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
21168	POLE	369.4	13.8	355.6	364.7	4.7	451.5	-82.2	405.3	-36.0	N/A	N/A	427.2	-57.8	MARK/LIGHT
21180	POLE	428.3	24.7	403.5	423.2	5.1	550.9	-122.7	471.6	-43.3	N/A	N/A	488.0	-59.8	MARK/LIGHT
21187	BUILDING	431.8	25.7	406.1	425.9	5.9	555.6	-123.9	474.8	-43.0	N/A	N/A	491.1	-59.3	MARK/LIGHT
21189	BUILDING	424.5	22.6	401.9	436.9	-12.4	574.3	-149.8	487.2	-62.7	N/A	N/A	502.3	-77.7	NO ACTION
21191	BUILDING	416.4	14.2	402.2	437.9	-21.5	576.0	-159.6	488.3	-72.0	N/A	N/A	503.3	-86.9	NO ACTION
21192	FENCE	364.4	9.3	355.1	351.1	13.3	428.4	-64.0	390.0	-25.5	N/A	N/A	413.5	-49.0	NO ACTION
21193	FENCE	360.6	9.4	351.2	350.8	9.8	427.9	-67.3	389.6	-29.0	N/A	N/A	413.0	-52.4	NO ACTION
21194	FENCE	358.5	9.7	348.8	350.6	7.9	427.6	-69.1	389.4	-30.9	N/A	N/A	412.6	-54.2	NO ACTION
21195	FENCE	357.8	9.2	348.6	350.5	7.3	427.5	-69.7	389.3	-31.5	N/A	N/A	412.5	-54.7	NO ACTION
21209	BUILDING	381.9	12.9	369.0	375.5	6.4	469.8	-88.0	417.6	-35.7	N/A	N/A	438.8	-56.9	MARK/LIGHT
21215	POLE	385.1	17.1	368.0	376.7	8.5	471.9	-86.8	418.9	-33.8	N/A	N/A	439.8	-54.7	MARK/LIGHT
21217	POLE	364.5	14.1	350.4	357.8	6.7	439.8	-75.3	397.5	-33.1	N/A	N/A	420.1	-55.6	MARK/LIGHT
21219	POLE	395.8	23.4	372.4	380.5	15.3	478.4	-82.6	423.3	-27.4	N/A	N/A	443.9	-48.1	MARK/LIGHT
21224	BUILDING	402.9	21.6	381.2	393.4	9.5	500.4	-97.5	437.9	-35.0	N/A	N/A	457.1	-54.2	MARK/LIGHT
21233	BUILDING	402.8	20.3	382.6	400.4	2.4	512.2	-109.4	445.8	-43.0	N/A	N/A	464.4	-61.6	MARK/LIGHT
21234	FENCE	362.3	9.6	352.7	362.4	0.0	447.6	-85.2	402.7	-40.4	N/A	N/A	424.8	-62.5	NO ACTION
21235	FENCE	364.3	9.5	354.9	365.3	-0.9	452.6	-88.2	406.0	-41.7	N/A	N/A	427.8	-63.5	NO ACTION
21236	FENCE	367.2	9.3	357.9	368.2	-1.1	457.5	-90.4	409.4	-42.2	N/A	N/A	430.9	-63.7	NO ACTION
21249	FENCE	396.2	9.3	386.9	406.3	-10.1	522.3	-126.1	452.5	-56.3	N/A	N/A	470.5	-74.2	NO ACTION
21251	FENCE	398.7	9.2	389.5	412.2	-13.5	532.3	-133.6	459.2	-60.5	N/A	N/A	476.6	-77.9	NO ACTION
21262	FENCE	366.5	9.2	357.3	353.0	13.5	431.6	-65.1	392.1	-25.6	N/A	N/A	415.4	-48.9	NO ACTION
21285	BUILDING	415.9	26.3	389.6	407.2	8.7	523.8	-107.9	453.5	-37.6	N/A	N/A	471.7	-55.8	MARK/LIGHT
21298	TREE	427.4	24.4	403.0	424.7	2.7	553.5	-126.1	473.3	-46.0	N/A	N/A	489.9	-62.5	TRIM/REMOVE
21299	TREE	435.4	35.2	400.2	422.2	13.2	549.3	-113.9	470.5	-35.1	N/A	N/A	487.2	-51.8	TRIM/REMOVE
21303	GROUND	343.2	N/A	343.2	352.9	-9.7	431.4	-88.3	391.9	-48.8	N/A	N/A	415.1	-72.0	NO ACTION
21305	TREE	427.3	32.5	394.7	440.0	-12.7	579.5	-152.2	490.7	-63.4	N/A	N/A	505.6	-78.3	NO ACTION
21307	TREE	443.6	57.0	386.6	449.9	-6.3	596.4	-152.8	501.9	-58.3	N/A	N/A	515.9	-72.3	TRIM/REMOVE
21352	POLE	449.4	37.6	411.8	471.3	-21.9	632.8	-183.4	526.2	-76.8	N/A	N/A	538.2	-88.7	NO ACTION
21355	TREE	457.0	55.4	401.6	450.8	6.2	597.9	-141.0	N/A	N/A	N/A	N/A	517.6	-60.6	TRIM/REMOVE
21361	POLE	480.8	37.3	443.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	518.7	-37.9	NO ACTION
21362	TREE	455.9	66.0	390.0	436.1	19.8	572.9	-117.0	486.3	-30.3	N/A	N/A	501.6	-45.7	TRIM/REMOVE
21363	TREE	466.9	91.3	375.7	439.1	27.9	578.0	-111.0	489.6	-22.7	N/A	N/A	504.9	-38.0	TRIM/REMOVE
21364	TREE	457.8	78.5	379.3	445.3	12.5	588.6	-130.7	N/A	N/A	N/A	N/A	511.8	-54.0	TRIM/REMOVE
21365	TREE	425.6	25.6	400.0	435.4	-9.8	571.8	-146.1	485.5	-59.9	N/A	N/A	500.7	-75.1	TRIM/REMOVE
21366	TREE	459.5	59.5	400.0	442.4	17.1	583.6	-124.2	493.4	-34.0	N/A	N/A	507.9	-48.5	TRIM/REMOVE
21367	TREE	472.9	72.9	400.0	443.9	29.0	586.2	-113.2	495.1	-22.2	N/A	N/A	509.5	-36.6	TRIM/REMOVE
21368	TREE	450.6	50.6	400.0	439.5	11.2	578.6	-128.0	490.1	-39.5	N/A	N/A	504.9	-54.3	TRIM/REMOVE
21371	TREE	455.7	34.1	421.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	478.0	-22.3	NO ACTION
21373	POLE	455.8	34.2	421.6	437.4	18.4	575.2	-119.3	N/A	N/A	N/A	N/A	503.9	-48.1	MARK/LIGHT
21374	POLE	462.5	37.6	425.0	441.6	20.9	582.3	-119.8	N/A	N/A	N/A	N/A	508.7	-46.2	MARK/LIGHT
21375	TREE	444.3	41.7	402.6	432.8	11.5	567.3	-123.0	482.5	-38.2	N/A	N/A	498.4	-54.1	TRIM/REMOVE
21377	BUILDING	455.4	30.6	424.8	432.9	22.5	567.5	-112.1	N/A	N/A	N/A	N/A	499.7	-44.3	MARK/LIGHT
21378	BUILDING	455.3	30.5	424.8	429.2	26.1	561.2	-105.9	N/A	N/A	N/A	N/A	496.4	-41.1	MARK/LIGHT
21380	POLE	470.3	36.7	433.6	441.9	28.4	582.9	-112.6	N/A	N/A	N/A	N/A	509.6	-39.3	MARK/LIGHT
21383	BUILDING	457.2	31.8	425.5	437.3	20.0	575.0	-117.7	N/A	N/A	N/A	N/A	504.3	-47.0	MARK/LIGHT
21384	BUILDING	442.7	19.8	422.8	440.0	2.7	579.5	-136.9	N/A	N/A	N/A	N/A	506.3	-63.7	MARK/LIGHT
21385	TREE	454.4	21.5	432.9	424.2	30.2	N/A	N/A	N/A	N/A	N/A	N/A	491.2	-36.8	TRIM/REMOVE
21386	BUILDING	439.7	30.8	408.8	420.5	19.1	546.4	-106.8	N/A	N/A	N/A	N/A	486.6	-47.0	MARK/LIGHT
21387	POLE	435.9	26.1	409.9	427.0	8.9	557.5	-121.6	N/A	N/A	N/A	N/A	493.5	-57.6	MARK/LIGHT
21390	TREE	456.7	44.7	412.0	410.1	46.5	528.8	-72.1	N/A	N/A	N/A	N/A	476.1	-19.4	TRIM/REMOVE
21392	TREE	437.7	27.9	409.8	414.0	23.7	535.4	-97.7	N/A	N/A	N/A	N/A	479.6	-41.9	TRIM/REMOVE
21628	TREE	396.2	35.7	360.6	353.7	42.5	N/A	N/A	N/A	N/A	N/A	N/A	417.2	-20.9	TRIM/REMOVE
21629	POLE	405.4	36.5	368.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	422.7	-17.2	NO ACTION
21631	TREE	425.5	39.4	386.1	380.7	44.8	N/A	N/A	N/A	N/A	N/A	N/A	445.7	-20.2	TRIM/REMOVE
21632	TREE	444.4	45.5	398.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	458.0	-13.6	NO ACTION
21636	TREE	406.9	59.5	347.4	322.7	84.1	N/A	N/A	N/A	N/A	N/A	N/A	385.1	21.8	TRIM/REMOVE
21637	TREE	406.1	40.7	365.5	381.4	24.8	479.9	-73.7	424.2	-18.1	N/A	N/A	444.5	-38.4	TRIM/REMOVE
21638	TREE	411.3	33.3	377.9	395.6	15.6	504.1	-92.9	440.4	-29.2	N/A	N/A	459.3	-48.1	TRIM/REMOVE
21639	TREE	407.7	25.9	381.8	400.0	7.7	511.5	-103.8	445.3	-37.7	N/A	N/A	463.9	-56.2	TRIM/REMOVE
21640	TREE	426.5	35.6	390.9	408.4	18.1	525.9	-99.4	454.9	-28.4	N/A	N/A	472.7	-46.2	TRIM/REMOVE
21641	TREE	424.5	27.4	397.1	415.0	9.5	537.1	-112.6	462.4	-37.9	N/A	N/A	479.6	-55.1	TRIM/REMOVE
21642	TREE	437.9	37.9	400.0	422.2	15.7	549.2	-111.4	470.5	-32.6	N/A	N/A	486.9	-49.1	TRIM/REMOVE
21643	TREE	399.3	37.8	361.5	374.6	24.7	468.3	-69.1	416.5	-17.3	N/A	N/A	437.5	-38.2	TRIM/REMOVE
21646	TREE	452.8	86.6	366.1	460.3	-7.6	614.1	-161.4	513.8	-61.0	N/A	N/A	526.6	-73.8	TRIM/REMOVE
21648	TREE	455.6	62.4	393.3	454.5	1.1	604.2	-148.6	507.2	-51.5	N/A	N/A	520.6	-64.9	TRIM/REMOVE
21650	TREE	450.6	49.9	400.7	401.4	49.2	514.0	-63.4	N/A	N/A	N/A	N/A	467.1	-16.5	TRIM/REMOVE
21652	TREE	419.8	25.9	394.0	388.8	31.1	N/A	N/A	N/A	N/A	N/A	N/A	454.1	-34.3	TRIM/REMOVE
21653	TREE	432.8	41.0	391.7	393.2	39.6	500.0	-67.2	N/A	N/A	N/A	N/A	457.6	-24.9	TRIM/REMOVE
21654	TREE	429.4	40.2	389.3	394.7	34.8	502.5	-73.1	N/A	N/A	N/A	N/A	458.8	-29.4	TRIM/REMOVE
21655	TREE	419.5	26.1	393.4	391.2	28.2	496.7	-77.2	N/A	N/A	N/A	N/A	456.1	-36.7	TRIM/REMOVE
21657	TREE	420.1	40.8	379.3	387.7	32.4	490.6	-70.5	431.4	-11.3	N/A	N/A	451.3	-31.2	TRIM/REMOVE
21658	TREE	408.4	37.5	370.9	386.1	22.3	487.9	-79.5	429.6	-21.2	N/A	N/A	449.4	-41.0	TRIM/REMOVE
21659	TREE	417.8	42.4	375.4	392.0	25.7	498.0	-80.2	436.3	-18.6	N/A	N/A	455.6	-37.8	TRIM/REMOVE

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
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5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
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NO.	REVISIONS	BY	APP.	DATE

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TRUE NORTH
MAG 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - E

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 37 OF 51

C:\Users\bob.morris\DC\ACCDocs\AECOM\C-HMER (USA) 60670976--GUM Master Plan\Project Files\90 Design Collaboration\19--PLS\30_Sheets\GUM-FUT--PAS--TBLE.dwg 08/19/2024 10:53

RUNWAY 24L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
21663	TREE	447.9	47.9	400.0	466.1	-18.2	623.9	-176.0	520.3	-72.4	N/A	N/A	532.6	-84.7	NO ACTION
21665	TREE	469.4	100.6	368.8	468.4	0.9	627.9	-158.5	522.9	-53.6	N/A	N/A	535.0	-65.6	TRIM/REMOVE
21666	TREE	451.0	51.0	400.0	469.6	-18.6	629.9	-178.9	524.3	-73.3	N/A	N/A	536.2	-85.2	NO ACTION
21667	TREE	450.9	50.9	400.0	461.0	-10.1	615.2	-164.3	514.5	-63.6	N/A	N/A	527.2	-76.3	NO ACTION
21668	TREE	457.9	57.9	400.0	455.6	2.2	606.1	-148.3	508.4	-50.5	N/A	N/A	521.7	-63.8	TRIM/REMOVE
21669	TREE	457.5	66.7	390.8	466.1	-8.6	623.9	-166.4	520.3	-62.8	N/A	N/A	532.5	-75.0	TRIM/REMOVE
21670	TREE	445.9	54.5	391.3	449.1	-3.2	595.0	-149.1	501.0	-55.1	N/A	N/A	514.9	-69.0	TRIM/REMOVE
21674	PRIMARY ROAD	412.2	15.0	397.2	427.7	-15.5	558.7	-146.5	476.8	-64.6	N/A	N/A	492.7	-80.5	NO ACTION
21679	PRIMARY ROAD	419.7	15.0	404.7	415.3	4.4	537.6	-117.9	462.7	-43.0	N/A	N/A	480.3	-60.6	NO ACTION
21680	POWER TRANSMISSION POLE	423.4	42.1	381.3	433.6	-10.3	568.7	-145.4	483.5	-60.1	N/A	N/A	499.0	-75.6	NO ACTION
21685	TREE	403.6	60.9	342.8	N/A	N/A	N/A	N/A	N/A	N/A	405.8	-2.2	N/A	N/A	TRIM/REMOVE
21691	POLE	333.1	18.0	315.0	326.0	7.1	385.7	-52.6	361.4	-28.4	N/A	N/A	387.3	-54.3	NO ACTION
21693	POLE	431.3	43.2	388.1	436.4	-5.0	573.4	-142.1	486.6	-55.3	N/A	N/A	501.8	-70.5	NO ACTION
21846	POLE	407.5	38.0	369.5	377.5	30.1	473.3	-65.8	419.9	-12.3	N/A	N/A	440.8	-33.2	MARK/LIGHT
21847	TREE	426.3	53.7	372.6	439.5	-13.1	578.7	-152.3	490.1	-63.8	N/A	N/A	505.0	-78.6	NO ACTION
21922	TREE	366.6	66.6	300.0	N/A	N/A	N/A	N/A	N/A	N/A	411.9	-45.3	N/A	N/A	NO ACTION
21944	TREE	393.5	58.5	335.0	316.2	77.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TRIM/REMOVE
21965	POWER TRANSMISSION POLE	486.2	81.0	405.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	466.3	19.9	MARK/LIGHT
21966	POWER TRANSMISSION POLE	481.3	76.2	405.1	405.9	75.4	521.7	-40.4	N/A	N/A	N/A	N/A	471.4	9.9	MARK/LIGHT
21967	POWER TRANSMISSION POLE	469.1	67.1	402.1	410.8	58.3	529.9	-60.8	N/A	N/A	N/A	N/A	475.8	-6.7	MARK/LIGHT
21968	POWER TRANSMISSION POLE	440.6	36.7	403.9	415.7	24.9	538.2	-97.6	463.2	-22.6	N/A	N/A	480.6	-40.0	MARK/LIGHT
21969	POWER TRANSMISSION POLE	434.1	31.3	402.7	419.6	14.4	544.9	-110.9	467.6	-33.6	N/A	N/A	484.4	-50.4	MARK/LIGHT
21970	POWER TRANSMISSION POLE	432.2	32.0	400.3	422.9	9.3	550.5	-118.3	471.4	-39.1	N/A	N/A	487.8	-55.5	MARK/LIGHT
21971	POWER TRANSMISSION POLE	429.3	32.8	396.5	425.7	3.7	555.2	-125.9	474.5	-45.1	N/A	N/A	490.5	-61.2	MARK/LIGHT
21972	POWER TRANSMISSION POLE	428.1	35.9	392.2	428.4	-0.3	559.9	-131.7	477.6	-49.4	N/A	N/A	493.4	-65.3	NO ACTION
21973	POWER TRANSMISSION POLE	432.0	45.2	386.8	431.5	0.5	565.2	-133.1	481.1	-49.1	N/A	N/A	496.7	-64.7	MARK/LIGHT
21974	POWER TRANSMISSION POLE	427.9	43.5	384.3	432.8	-4.9	567.3	-139.4	482.5	-54.7	N/A	N/A	498.0	-70.2	NO ACTION
21999	GROUND	325.8	N/A	325.8	337.0	-11.2	404.5	-78.7	374.0	-48.2	N/A	N/A	398.8	-73.0	NO ACTION
22001	GROUND	334.9	N/A	334.9	342.8	-7.9	414.2	-79.3	380.5	-45.6	N/A	N/A	404.7	-69.8	NO ACTION
22002	GROUND	344.3	N/A	344.3	348.2	-3.8	423.4	-79.1	386.6	-42.3	N/A	N/A	410.2	-65.9	NO ACTION
22003	TREE	385.4	35.4	350.0	356.5	28.9	437.6	-52.2	396.0	-10.6	N/A	N/A	418.7	-33.3	TRIM/REMOVE
22004	POLE	402.9	38.8	364.1	358.8	44.1	441.5	-38.6	N/A	N/A	N/A	N/A	422.2	-19.3	MARK/LIGHT
22005	POLE	404.8	38.7	366.1	365.6	39.3	453.0	-48.2	N/A	N/A	N/A	N/A	429.2	-24.4	MARK/LIGHT
22006	POLE	405.6	37.5	368.1	373.5	32.0	466.5	-61.0	N/A	N/A	N/A	N/A	437.5	-31.9	MARK/LIGHT
22007	POLE	410.0	38.4	371.6	379.5	30.5	476.7	-66.7	N/A	N/A	N/A	N/A	443.6	-33.6	MARK/LIGHT
22009	POLE	402.6	36.8	365.8	368.9	33.7	458.6	-56.1	410.1	-7.5	N/A	N/A	431.8	-29.3	MARK/LIGHT
22010	POLE	412.2	38.9	373.3	380.8	31.4	478.9	-66.7	423.6	-11.4	N/A	N/A	444.3	-32.0	MARK/LIGHT
22011	TREE	377.8	20.8	357.0	371.1	6.7	462.4	-84.6	412.6	-34.8	N/A	N/A	433.9	-56.1	TRIM/REMOVE
22014	POLE	412.5	36.5	376.0	384.3	28.2	484.9	-72.4	N/A	N/A	N/A	N/A	449.0	-36.5	MARK/LIGHT
22015	POLE	403.2	38.2	365.0	367.2	36.0	N/A	N/A	N/A	N/A	N/A	N/A	431.7	-28.5	MARK/LIGHT
22016	BUILDING	381.7	16.6	365.1	366.3	15.4	454.2	-72.5	N/A	N/A	N/A	N/A	429.4	-47.7	MARK/LIGHT
22018	TREE	421.5	50.9	370.6	371.5	50.1	463.1	-41.5	N/A	N/A	N/A	N/A	435.0	-13.4	TRIM/REMOVE
22020	BUILDING	381.0	17.5	363.6	358.9	22.2	441.6	-60.6	N/A	N/A	N/A	N/A	421.7	-40.6	MARK/LIGHT
22021	POLE	373.0	14.1	359.0	364.6	8.4	451.5	-78.4	405.3	-32.3	N/A	N/A	427.4	-54.3	MARK/LIGHT
22022	POLE	369.6	14.0	355.6	360.1	9.6	443.7	-74.0	400.1	-30.5	N/A	N/A	422.6	-52.9	MARK/LIGHT
22023	POLE	368.0	14.5	353.5	356.1	11.9	436.9	-68.9	395.6	-27.6	N/A	N/A	418.4	-50.5	MARK/LIGHT
22024	TREE	372.0	22.0	350.0	360.2	11.8	443.9	-71.9	400.2	-28.2	N/A	N/A	422.5	-50.5	TRIM/REMOVE
22025	POLE	367.8	13.9	353.9	362.4	5.4	447.6	-79.8	402.7	-35.0	N/A	N/A	424.8	-57.1	MARK/LIGHT
22026	POLE	370.3	13.5	356.8	366.9	3.4	455.4	-85.0	407.9	-37.6	N/A	N/A	429.6	-59.2	MARK/LIGHT
22027	POLE	373.3	13.4	359.9	371.5	1.8	463.2	-89.9	413.1	-39.8	N/A	N/A	434.4	-61.1	MARK/LIGHT
22029	POLE	415.8	38.1	377.8	389.2	26.6	493.2	-77.4	433.1	-17.3	N/A	N/A	452.8	-37.0	MARK/LIGHT
22030	POLE	419.5	37.0	382.5	395.9	23.6	504.6	-85.1	440.7	-21.2	N/A	N/A	459.7	-40.2	MARK/LIGHT
22032	TREE	435.1	52.9	382.2	392.2	42.8	498.3	-63.3	436.6	-1.5	N/A	N/A	456.0	-20.9	TRIM/REMOVE
22033	FENCE	358.5	9.4	349.1	356.5	2.0	437.6	-79.1	396.0	-37.5	N/A	N/A	418.7	-60.2	NO ACTION
22034	FENCE	358.2	9.0	349.2	350.5	7.7	427.5	-69.3	389.3	-31.1	N/A	N/A	412.5	-54.3	NO ACTION
22039	BUILDING	429.8	24.2	405.6	401.6	28.3	514.2	-84.4	N/A	N/A	N/A	N/A	466.5	-36.7	MARK/LIGHT
22040	BUILDING	419.9	24.2	395.7	400.5	19.4	512.4	-92.5	N/A	N/A	N/A	N/A	465.1	-45.2	MARK/LIGHT
22041	POLE	418.1	36.6	381.5	402.3	15.9	515.4	-97.3	447.9	-29.8	N/A	N/A	466.4	-48.3	MARK/LIGHT
22042	TREE	429.9	38.3	391.6	399.3	30.6	510.4	-80.5	444.6	-14.7	N/A	N/A	463.6	-33.7	TRIM/REMOVE
22043	TREE	433.1	34.5	398.6	406.2	26.8	522.1	-89.1	N/A	N/A	N/A	N/A	470.9	-37.8	TRIM/REMOVE
22044	POLE	422.0	37.9	384.1	408.2	13.8	525.5	-103.5	454.7	-32.7	N/A	N/A	472.6	-50.6	MARK/LIGHT
22045	TREE	424.3	26.0	398.4	403.5	20.9	517.4	-93.1	N/A	N/A	N/A	N/A	468.1	-43.8	TRIM/REMOVE
22046	BUILDING	445.6	35.9	409.7	426.0	19.5	555.8	-110.2	N/A	N/A	N/A	N/A	491.8	-46.2	MARK/LIGHT
22047	BUILDING	439.5	29.0	410.5	423.1	16.4	550.8	-111.3	N/A	N/A	N/A	N/A	489.0	-49.4	MARK/LIGHT
22048	POLE	443.4	36.0	407.4	428.7	14.7	560.4	-117.0	477.9	-34.5	N/A	N/A	494.2	-50.8	MARK/LIGHT
22049	POLE	442.6	37.7	404.9	424.3	18.3	552.9	-110.3	473.0	-30.3	N/A	N/A	489.4	-46.8	MARK/LIGHT
22050	BUILDING	444.2	27.1	417.1	432.5	11.7	566.8	-122.7	N/A	N/A	N/A	N/A	498.8	-54.6	MARK/LIGHT
22056	POLE	433.7	29.9	403.8	408.0	25.8	525.1	-91.4	N/A	N/A	N/A	N/A	473.2	-39.5	MARK/LIGHT
22057	TREE	439.7	39.7	400.0	412.6	27.0	533.1	-93.4	N/A	N/A	N/A	N/A	477.5	-37.9	TRIM/REMOVE
22060	TREE	412.9	27.3	385.6	402.9	10.1	516.4	-103.5	448.6	-35.7	N/A	N/A	466.9	-54.0	TRIM/REMOVE
22061	TREE	433.4	36.1	397.3	417.8	15.6	541.8	-108.4	465.5	-32.2	N/A	N/A	482.4	-49.0	TRIM/REMOVE
22063	TREE	415.6	22.8	392.8	413.8	1.8	535.0	-119.4	461.0	-45.4	N/A	N/A	478.2	-62.6	TRIM/REMOVE
22066	TREE	455.6	55.6	400.0	436.7	18.9	574.0	-118.4	487.0	-31.4	N/A	N/A	502.1	-46.4	TRIM/REMOVE

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
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NO.	REVISIONS	BY	APP.	DATE

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TRUE NORTH
MAG NORTH
9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
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ANNUAL RATE OF CHANGE:
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PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - F

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 38 OF 51

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RUNWAY 24L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
22067	POLE	439.8	35.9	403.9	424.4	15.4	553.1	-113.3	473.1	-33.3	N/A	N/A	489.4	-49.6	MARK/LIGHT
22070	TREE	434.1	34.1	400.0	409.6	24.5	528.0	-93.8	N/A	N/A	N/A	N/A	474.6	-40.5	TRIM/REMOVE
22074	SIGN	303.7	3.2	300.4	N/A	N/A	336.2	-32.5	N/A	N/A	354.4	-50.8	357.2	-53.5	NO ACTION
22075	SIGN	278.8	3.4	275.4	N/A	N/A	N/A	N/A	N/A	N/A	277.5	1.2	N/A	N/A	LOWER/RELOCATE
22084	WINDSOCK	306.2	10.2	296.0	N/A	N/A	N/A	N/A	N/A	N/A	354.9	-48.6	343.4	-37.1	NO ACTION
22108	GROUND	340.3	N/A	340.3	362.0	-21.7	447.0	-106.7	402.3	-62.0	N/A	N/A	424.8	-84.5	NO ACTION
22109	GROUND	341.0	N/A	341.0	357.3	-16.3	439.0	-98.0	397.0	-56.0	N/A	N/A	419.9	-78.8	NO ACTION
22116	GROUND	385.2	N/A	385.2	408.6	-23.4	526.1	-141.0	455.1	-69.9	N/A	N/A	472.8	-87.6	NO ACTION
22117	GROUND	382.8	N/A	382.8	402.7	-19.9	516.2	-133.4	448.4	-65.7	N/A	N/A	466.7	-83.9	NO ACTION
22118	GROUND	380.6	N/A	380.6	396.9	-16.2	506.3	-125.6	441.8	-61.2	N/A	N/A	460.7	-80.0	NO ACTION
22119	GROUND	377.3	N/A	377.3	390.9	-13.5	496.1	-118.7	435.0	-57.7	N/A	N/A	454.4	-77.1	NO ACTION
22121	GROUND	369.6	N/A	369.6	379.0	-9.4	475.9	-106.3	421.6	-52.0	N/A	N/A	442.2	-72.6	NO ACTION
22122	GROUND	363.1	N/A	363.1	373.1	-10.0	465.8	-102.7	414.8	-51.8	N/A	N/A	436.0	-72.9	NO ACTION
22123	GROUND	357.9	N/A	357.9	367.6	-9.7	456.6	-98.6	408.7	-50.8	N/A	N/A	430.4	-72.5	NO ACTION
22124	GROUND	354.0	N/A	354.0	361.8	-7.8	446.6	-92.7	402.1	-48.1	N/A	N/A	424.4	-70.4	NO ACTION
22126	GROUND	362.8	N/A	362.8	384.9	-22.2	486.0	-123.2	428.3	-65.5	N/A	N/A	448.5	-85.7	NO ACTION
22127	GROUND	368.3	N/A	368.3	390.9	-22.6	496.0	-127.7	435.0	-66.7	N/A	N/A	454.6	-86.3	NO ACTION
22128	GROUND	373.3	N/A	373.3	396.9	-23.6	506.3	-133.0	441.9	-68.6	N/A	N/A	460.8	-87.5	NO ACTION
22129	GROUND	378.3	N/A	378.3	402.9	-24.6	516.5	-138.2	448.7	-70.4	N/A	N/A	467.1	-88.8	NO ACTION
22131	TREE	458.1	58.1	400.0	476.3	-18.3	641.3	-183.2	531.8	-73.8	N/A	N/A	543.1	-85.1	NO ACTION
22134	TREE	453.2	84.4	368.9	442.8	10.4	584.4	-131.1	N/A	N/A	N/A	N/A	509.1	-55.8	TRIM/REMOVE
22135	TREE	446.8	46.8	400.0	453.2	-6.4	602.0	-155.2	505.6	-58.8	N/A	N/A	519.1	-72.3	TRIM/REMOVE
22165	TREE	432.9	21.2	411.8	417.6	15.4	541.5	-108.5	N/A	N/A	N/A	N/A	483.1	-50.1	TRIM/REMOVE
22166	TREE	404.1	34.9	369.2	380.8	23.3	478.9	-74.8	423.6	-19.5	N/A	N/A	444.0	-39.9	TRIM/REMOVE
22167	TREE	377.5	11.5	366.0	375.6	1.9	470.1	-92.6	417.7	-40.2	N/A	N/A	438.6	-61.1	TRIM/REMOVE
22168	GROUND	360.4	N/A	360.4	347.6	12.8	422.5	-62.1	N/A	N/A	N/A	N/A	410.0	-49.6	NO ACTION
22169	GROUND	353.1	N/A	353.1	341.1	12.0	411.5	-58.4	N/A	N/A	N/A	N/A	403.4	-50.3	NO ACTION
22170	GROUND	358.1	N/A	358.1	334.2	23.9	N/A	N/A	N/A	N/A	N/A	N/A	396.7	-38.6	NO ACTION
22171	GROUND	351.3	N/A	351.3	327.9	23.4	N/A	N/A	N/A	N/A	N/A	N/A	390.2	-38.9	NO ACTION
22172	GROUND	359.5	N/A	359.5	339.3	20.2	N/A	N/A	N/A	N/A	N/A	N/A	402.1	-42.6	NO ACTION
22173	GROUND	360.8	N/A	360.8	346.4	14.5	420.4	-59.6	N/A	N/A	N/A	N/A	409.3	-48.5	NO ACTION
22174	GROUND	323.9	N/A	323.9	322.0	1.9	379.0	-55.1	N/A	N/A	N/A	N/A	383.7	-59.8	NO ACTION
22175	GROUND	322.8	N/A	322.8	315.3	7.5	367.6	-44.8	N/A	N/A	N/A	N/A	376.7	-54.0	NO ACTION
22176	GROUND	320.0	N/A	320.0	308.8	11.2	N/A	N/A	N/A	N/A	N/A	N/A	370.0	-50.0	NO ACTION
22177	GROUND	342.3	N/A	342.3	334.9	7.4	400.8	-58.5	N/A	N/A	N/A	N/A	396.9	-54.6	NO ACTION
22178	TREE	412.8	36.0	376.8	383.8	28.9	484.0	-71.3	427.0	-14.3	N/A	N/A	447.3	-34.6	TRIM/REMOVE
22216	SIGN	285.4	3.0	282.4	N/A	N/A	N/A	N/A	N/A	N/A	338.7	-53.3	N/A	N/A	NO ACTION
22278	TREE	371.3	21.3	350.0	353.7	17.6	432.9	-61.6	392.9	-21.6	N/A	N/A	415.8	-44.5	TRIM/REMOVE
22280	TREE	389.5	26.7	362.8	367.9	21.6	457.0	-67.5	409.0	-19.5	N/A	N/A	430.8	-41.2	TRIM/REMOVE
22282	TREE	387.6	22.8	364.7	370.3	17.3	461.0	-73.4	411.7	-24.1	N/A	N/A	433.2	-45.6	TRIM/REMOVE
22294	TREE	394.8	25.9	368.9	374.6	20.2	468.4	-73.5	416.6	-21.7	N/A	N/A	437.7	-42.9	TRIM/REMOVE
22297	TREE	381.1	21.9	359.2	373.8	7.3	467.1	-86.0	415.7	-34.6	N/A	N/A	436.7	-55.6	TRIM/REMOVE
22301	TREE	383.0	19.3	363.7	375.3	7.8	469.5	-86.5	417.3	-34.3	N/A	N/A	438.2	-55.2	TRIM/REMOVE
22303	TREE	396.3	28.7	367.5	382.3	13.9	481.5	-85.2	425.3	-29.1	N/A	N/A	445.5	-49.3	TRIM/REMOVE
22309	TREE	420.9	39.9	381.0	387.2	33.7	489.8	-68.9	430.8	-9.9	N/A	N/A	450.9	-30.0	TRIM/REMOVE
22310	TREE	405.3	32.9	372.4	388.5	16.7	492.1	-86.8	432.4	-27.1	N/A	N/A	452.0	-46.7	TRIM/REMOVE
22311	TREE	408.8	31.8	377.0	389.0	19.7	492.9	-84.2	433.0	-24.2	N/A	N/A	452.6	-43.8	TRIM/REMOVE
22313	TREE	398.0	25.9	372.1	389.8	8.2	494.2	-96.2	433.8	-35.8	N/A	N/A	453.3	-55.2	TRIM/REMOVE
22318	TREE	391.1	17.1	374.0	378.1	13.0	474.3	-83.2	420.5	-29.4	N/A	N/A	441.5	-50.4	TRIM/REMOVE
22330	TREE	427.0	42.3	384.8	391.3	35.7	496.8	-69.8	435.5	-8.5	N/A	N/A	455.3	-28.2	TRIM/REMOVE
22332	TREE	414.0	28.0	386.0	391.4	22.6	497.0	-83.0	435.7	-21.6	N/A	N/A	455.4	-41.4	TRIM/REMOVE
22355	TREE	409.5	26.5	383.0	400.2	9.3	511.9	-102.4	445.6	-36.0	N/A	N/A	464.1	-54.6	TRIM/REMOVE
22356	TREE	415.2	22.6	392.5	408.6	6.6	526.2	-111.0	455.1	-39.9	N/A	N/A	472.9	-57.7	TRIM/REMOVE
22358	GROUND	358.0	N/A	358.0	379.4	-21.4	476.6	-118.6	422.1	-64.1	N/A	N/A	442.7	-84.8	NO ACTION
22369	TREE	400.9	22.4	378.5	397.4	3.5	507.1	-106.2	442.4	-41.5	N/A	N/A	461.1	-60.3	TRIM/REMOVE
22385	TREE	415.6	17.6	398.0	412.7	2.9	533.2	-117.6	459.8	-44.2	N/A	N/A	477.3	-61.7	TRIM/REMOVE
22386	TREE	423.3	23.3	400.0	411.6	11.7	531.2	-108.0	458.5	-35.2	N/A	N/A	476.3	-53.1	TRIM/REMOVE
22391	TREE	412.4	21.1	391.4	410.1	2.4	528.7	-116.2	456.8	-44.3	N/A	N/A	474.4	-61.9	TRIM/REMOVE
22392	TREE	416.9	22.7	394.2	414.5	2.4	536.2	-119.3	461.8	-44.9	N/A	N/A	479.0	-62.0	TRIM/REMOVE
22400	TREE	434.6	34.6	400.0	415.2	19.4	537.4	-102.8	462.6	-28.0	N/A	N/A	480.0	-45.3	TRIM/REMOVE
22404	TREE	434.7	34.7	400.0	434.4	0.3	570.0	-135.4	484.4	-49.7	N/A	N/A	499.9	-65.2	TRIM/REMOVE
22409	TREE	416.3	16.3	400.0	433.9	-17.6	569.3	-152.9	483.8	-67.5	N/A	N/A	499.1	-82.8	NO ACTION
22422	TREE	437.9	37.9	400.0	447.6	-9.7	592.5	-154.6	499.4	-61.5	N/A	N/A	513.4	-75.5	TRIM/REMOVE
22482	TREE	383.2	60.7	322.5	N/A	N/A	N/A	N/A	N/A	N/A	449.0	-65.8	N/A	N/A	NO ACTION
22493	PARKING LOT	370.5	10.0	360.5	369.1	1.4	459.0	-88.5	410.3	-39.8	N/A	N/A	431.9	-61.4	NO ACTION
22496	PARKING LOT	367.5	10.0	357.5	366.5	1.0	454.6	-87.1	407.4	-39.9	N/A	N/A	429.1	-61.6	NO ACTION
22498	PARKING LOT	377.7	10.0	367.7	371.6	6.2	463.2	-85.5	413.1	-35.4	N/A	N/A	434.7	-57.0	NO ACTION
22501	PARKING LOT	362.3	10.0	352.3	359.7	2.6	443.1	-80.8	399.7	-37.4	N/A	N/A	422.1	-59.8	NO ACTION
22534	TREE	421.9	34.4	387.5	398.6	23.3	509.2	-87.3	443.8	-21.9	N/A	N/A	462.6	-40.8	TRIM/REMOVE
22535	TREE	406.4	22.0	384.3	394.9	11.5	502.9	-96.5	439.6	-33.2	N/A	N/A	458.8	-52.4	TRIM/REMOVE
22538	FENCE	408.5	7.1	401.4	429.9	-21.4	562.4	-153.9	479.2	-70.8	N/A	N/A	494.9	-86.5	NO ACTION
22550	UTILITY POLE	405.9	38.4	367.6	369.6	36.3	460.0	-54.0	N/A	N/A	N/A	N/A	433.5	-27.5	MARK/LIGHT
22553	TREE	394.3	24.5	369.8	364.5	29.8	451.2	-56.9	N/A	N/A	N/A	N/A	428.5	-34.1	TRIM/REMOVE

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - G

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 39 OF 51

C:\Users\bob.morris\DC\ACCDocs\AECOM\C-I-MER (USA) 60670976--GUM Master Plan\Project Files\90 Design Collaboration\19--PLNG\01 Sheets\GUM-FUT--PAS--TBLE.dwg 06/19/2024 10:55

RUNWAY 24L - FUTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
22554	UTILITY POLE	406.4	39.9	366.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	426.7	-20.3	NO ACTION
22561	UTILITY POLE	475.0	41.8	433.2	446.1	28.9	590.0	-115.0	N/A	N/A	N/A	N/A	513.9	-38.9	MARK/LIGHT
22827	GROUND	328.1	N/A	328.1	326.6	1.5	386.7	-58.7	N/A	N/A	N/A	N/A	388.3	-60.3	NO ACTION
22838	GROUND	332.2	N/A	332.2	340.0	-7.8	409.6	-77.4	377.4	-45.2	N/A	N/A	401.8	-69.6	NO ACTION
22842	GROUND	348.0	N/A	348.0	352.0	-4.0	429.9	-81.9	390.9	-43.0	N/A	N/A	414.1	-66.1	NO ACTION
22844	GROUND	358.7	N/A	358.7	365.5	-6.8	452.9	-94.2	406.3	-47.5	N/A	N/A	428.1	-69.4	NO ACTION
22845	GROUND	356.1	N/A	356.1	364.7	-8.7	451.6	-95.5	405.4	-49.3	N/A	N/A	427.4	-71.3	NO ACTION
22846	GROUND	343.7	N/A	343.7	364.6	-20.9	451.3	-107.6	405.2	-61.5	N/A	N/A	427.4	-83.7	NO ACTION
22848	GROUND	362.5	N/A	362.5	369.4	-6.9	459.5	-97.0	410.7	-48.2	N/A	N/A	432.1	-69.7	NO ACTION
22849	GROUND	367.0	N/A	367.0	375.5	-8.4	469.9	-102.8	417.6	-50.5	N/A	N/A	438.5	-71.4	NO ACTION
22851	GROUND	354.0	N/A	354.0	375.1	-21.1	469.3	-115.3	417.2	-63.2	N/A	N/A	438.3	-84.3	NO ACTION
22852	GROUND	350.0	N/A	350.0	371.0	-21.0	462.3	-112.3	412.5	-62.5	N/A	N/A	434.0	-84.0	NO ACTION
22853	GROUND	357.8	N/A	357.8	382.4	-24.6	481.7	-123.9	425.5	-67.6	N/A	N/A	446.0	-88.1	NO ACTION
22854	GROUND	361.5	N/A	361.5	382.2	-20.7	481.4	-119.9	425.2	-63.8	N/A	N/A	445.6	-84.1	NO ACTION
22855	GROUND	372.1	N/A	372.1	382.1	-10.0	481.1	-109.0	425.0	-53.0	N/A	N/A	445.3	-73.2	NO ACTION
22856	GROUND	375.1	N/A	375.1	387.5	-12.4	490.3	-115.2	431.2	-56.1	N/A	N/A	451.0	-75.8	NO ACTION
22857	GROUND	366.3	N/A	366.3	387.7	-21.4	490.7	-124.4	431.5	-65.2	N/A	N/A	451.3	-85.0	NO ACTION
22858	GROUND	363.4	N/A	363.4	388.0	-24.6	491.2	-127.8	431.8	-68.4	N/A	N/A	451.7	-88.3	NO ACTION
22860	GROUND	370.7	N/A	370.7	393.5	-22.8	500.6	-129.9	438.1	-67.4	N/A	N/A	457.3	-86.6	NO ACTION
22862	GROUND	375.9	N/A	375.9	385.5	-9.6	486.9	-111.0	428.9	-53.0	N/A	N/A	448.8	-72.9	NO ACTION
22864	GROUND	379.9	N/A	379.9	392.2	-12.3	498.3	-118.4	436.5	-56.6	N/A	N/A	455.8	-75.9	NO ACTION
22867	GROUND	370.3	N/A	370.3	378.9	-8.6	475.7	-105.4	421.5	-51.2	N/A	N/A	442.0	-71.7	NO ACTION
22869	GROUND	385.1	N/A	385.1	399.6	-14.5	510.8	-125.7	444.9	-59.8	N/A	N/A	463.4	-78.3	NO ACTION
22870	GROUND	377.5	N/A	377.5	399.6	-22.1	510.9	-133.4	444.9	-67.4	N/A	N/A	463.5	-86.0	NO ACTION
22871	GROUND	375.4	N/A	375.4	399.9	-24.5	511.3	-135.9	445.2	-69.8	N/A	N/A	463.9	-88.5	NO ACTION
22890	GROUND	382.1	N/A	382.1	405.8	-23.7	521.4	-139.3	451.9	-69.9	N/A	N/A	469.9	-87.9	NO ACTION
22891	GROUND	380.7	N/A	380.7	405.9	-25.3	521.6	-141.0	452.1	-71.4	N/A	N/A	470.2	-89.5	NO ACTION

RUNWAY 24L - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	PART 77		TSS TYPE 5		TSS TYPE 6		OFZ		PAPI OCS		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-2	AIRPORT SERVICE RD	369.1	10.0	359.1	428.2	-59.1	N/A	N/A	N/A	N/A	N/A	N/A	495.5	-126.5	NO ACTION
Z-4	AIRPORT SERVICE RD	408.1	10.0	398.1	420.9	-12.8	547.1	-139.0	469.0	-61.0	N/A	N/A	485.6	-77.5	NO ACTION
Z-6	AIRPORT SERVICE RD	396.1	10.0	386.1	405.3	-9.2	520.5	-124.5	451.4	-55.3	N/A	N/A	469.4	-73.3	NO ACTION
Z-15	AIRPORT SERVICE RD	360.0	10.0	350.0	348.8	11.2	424.6	-64.6	387.4	-27.4	N/A	N/A	410.7	-50.7	NO ACTION
Z-16	ARMY DR	417.0	17.0	400.0	429.4	-12.4	561.5	-144.5	478.6	-61.6	N/A	N/A	494.4	-77.4	NO ACTION
Z-23	ARMY DR	373.1	17.0	356.1	434.3	-61.2	N/A	N/A	N/A	N/A	N/A	N/A	501.9	-128.8	NO ACTION
Z-51	JUAN C FEJERAN ST	456.6	15.0	441.6	440.3	16.4	N/A	N/A	N/A	N/A	N/A	N/A	508.2	-51.6	NO ACTION
Z-53	ARMY DR	421.7	17.0	404.7	402.1	19.6	N/A	N/A	N/A	N/A	N/A	N/A	468.3	-46.6	NO ACTION
Z-54	UNKNOWN	404.2	15.0	389.2	383.2	21.1	N/A	N/A	N/A	N/A	N/A	N/A	448.4	-44.2	NO ACTION
Z-55	PANGELINAN WY	399.1	15.0	384.1	377.7	21.4	N/A	N/A	N/A	N/A	N/A	N/A	442.8	-43.6	NO ACTION
Z-56	UNKNOWN	388.7	15.0	373.7	366.3	22.4	N/A	N/A	N/A	N/A	N/A	N/A	430.8	-42.1	NO ACTION
Z-57	AIRPORT SERVICE RD	371.1	10.0	361.1	350.2	20.8	N/A	N/A	N/A	N/A	N/A	N/A	414.0	-42.9	NO ACTION
Z-134	AIRPORT SERVICE RD	340.4	10.0	330.4	327.6	12.8	388.4	-48.0	363.3	-22.9	N/A	N/A	388.7	-48.2	NO ACTION
Z-135	AIRPORT SERVICE RD	351.7	10.0	341.7	359.7	-7.9	N/A	N/A	N/A	N/A	N/A	N/A	423.9	-72.1	NO ACTION

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 100' x 100' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. ANY TEMPORARY OR PERMANENT STRUCTURE, INCLUDING ALL APPURTENANCES, THAT EXCEED AN OVERALL HEIGHT OF 200 FEET (61M) ABOVE GROUND LEVEL (AGL) OR EXCEEDS ANY OBSTRUCTION STANDARD CONTAINED IN 14 CFR PART 77, SHOULD BE MARKED AND/OR LIGHTED PER ADVISORY CIRCULAR 70/7460-1.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. THE LIMITS OF THE INNER APPROACH SURFACE OBSTRUCTION ANALYSES ARE TO A POINT 100' ABOVE THE RUNWAY THRESHOLD ELEVATION WITHIN THE 14 CFR PART 77 APPROACH SURFACE.
9. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
10. ALL ELEVATIONS ARE IN FEET.
11. WHERE OBJECTS DO NOT FALL WITHIN THE LATERAL EXTENTS OF A GIVEN SURFACE, SURFACE ELEVATION AND SURFACE PENETRATION FIELDS ARE ASSIGNED A VALUE OF "N/A".
12. ACCORDING TO FAA AC 150/5300-13B, *AIRPORT DESIGN*, ALL OBSTACLE FREE ZONE (OFZ) SURFACES MUST REMAIN CLEAR OF OBJECTS, EXCEPT FOR FRANGIBLE NAVAIDS. IDENTIFIED OFZ PENETRATIONS FOR THIS RUNWAY REQUIRE FURTHER EVALUATION FOR WAYS OF COMPLYING WITH FAA OFZ CLEARING STANDARDS.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
INNER PORTION OF THE APPROACH SURFACE
DATA TABLES - H

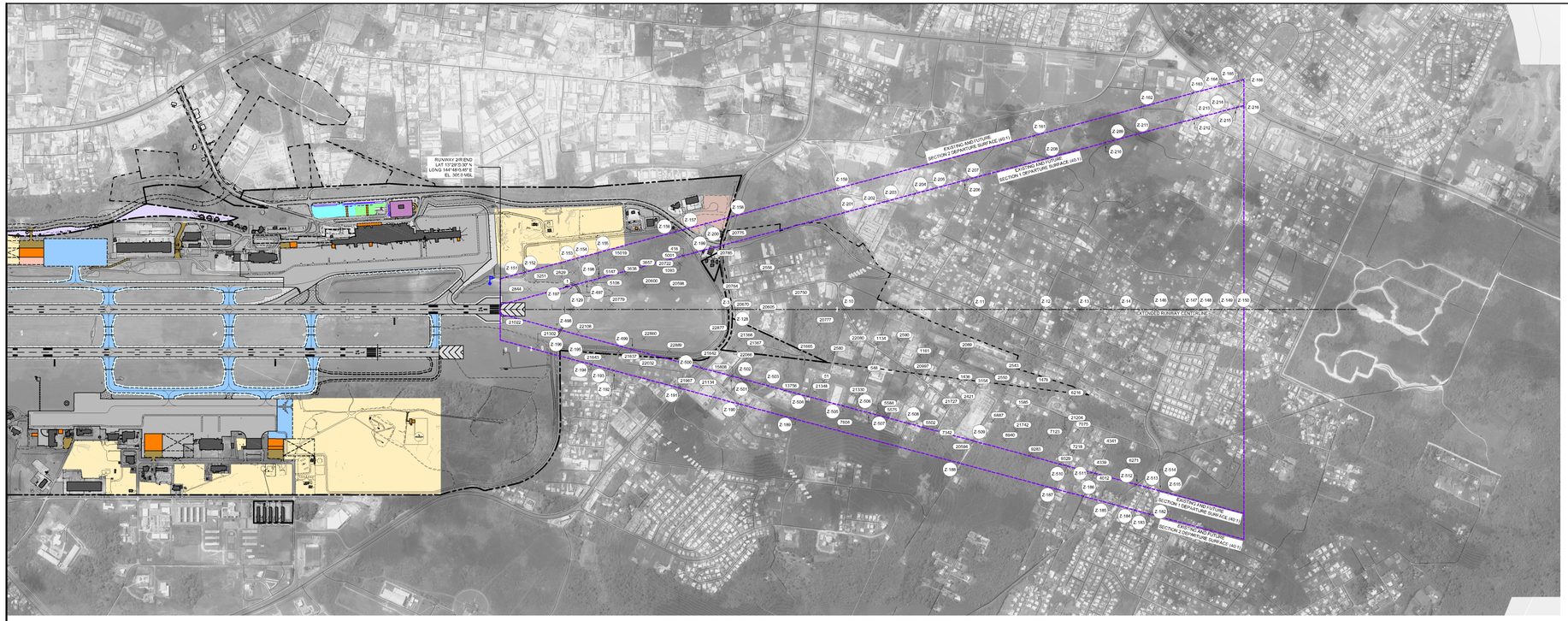
ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 40 OF 51

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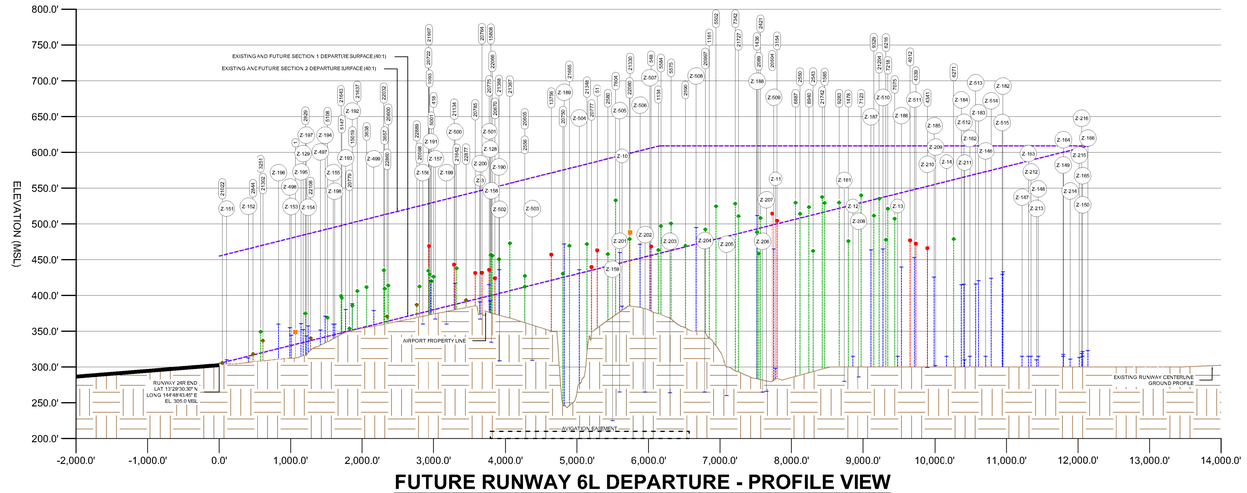


FUTURE RUNWAY 6L DEPARTURE - PLAN VIEW

HORIZONTAL SCALE : 1" = 1,000'

LEGEND	
ITEM	
AIRPORT PROPERTY LINE	
FUTURE AIRPORT PROPERTY LINE	
AIRFIELD PAVEMENT	
FUTURE AIRFIELD PAVEMENT	
AIRFIELD PAVEMENT TO BE REMOVED	
AIRFIELD SHOULDER PAVEMENT	
FUTURE AIRFIELD SHOULDER PAVEMENT	
ON-AIRPORT BUILDINGS	
FUTURE ON-AIRPORT BUILDINGS / STRUCTURES	
OFF-AIRPORT BUILDINGS	
ROADS & VEHICLE PARKING	
FUTURE ROADS & VEHICLE PARKING	
FENCE	
EXTENDED RUNWAY CENTERLINE	
DEPARTURE SURFACE (SURFACE 7)	
FUTURE DEPARTURE SURFACE (SURFACE 7)	
PROPOSED PROPERTY ACQUISITION	
FUTURE AERONAUTICAL DEVELOPMENT	
FUTURE NON-AERONAUTICAL DEVELOPMENT	
EASEMENT	
RUNWAY THRESHOLD LIGHTS	
PAPI	
FUTURE WIND CONE	
ASOS	
ROTATING BEACON	
AIRPORT REFERENCE POINT (ARP)	
10' GROUND CONTOUR	
VEGETATION: TREES	

OBSTRUCTIONS LEGEND		
ITEM		
TREE/BUSH	XXXX	◆
POLE	XXXX	●
GROUND	XXXX	◆
BUILDING	XXXX	■
FENCE	XXXX	×
TOWER/ANTENNA	XXXX	●
NAVAID	XXXX	▲
LIGHT	XXXX	◆
SIGN	XXXX	◆
OTHER	XXXX	●
ROAD/TRAVERSEWAY	Z-X	–



FUTURE RUNWAY 6L DEPARTURE - PROFILE VIEW

HORIZONTAL SCALE : 1" = 1,000'
VERTICAL SCALE : 1" = 100'

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWINGS PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NCDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION ON SHEET 42.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRD, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
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NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAGNETIC DECLINATION = 9°23' (9.4") EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0° 1' (0.017") WEST / YEAR
1,000 0 1,000
HORIZONTAL SCALE IN FEET
SCALE : 1" = 1,000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 6L DEPARTURE SURFACE DRAWING

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 41 OF 51

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RUNWAY 6L - FUTURE DEPARTURE SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
1	BUILDING	348.8	17.7	331.1	336.7	12.1	MARK/LIGHT
51	UTILITY POLE	462.9	43.1	419.9	437.1	25.8	MARK/LIGHT
418	TREE	426.3	76.3	350.0	380.0	46.3	TRIM/REMOVE
548	UTILITY POLE	468.4	39.7	428.8	456.0	12.4	MARK/LIGHT
1093	TREE	429.6	79.6	350.0	378.6	51.0	TRIM/REMOVE
1134	TREE	463.5	52.2	411.3	458.5	5.0	TRIM/REMOVE
1161	TREE	481.8	67.3	414.5	476.3	5.5	TRIM/REMOVE
1436	TREE	488.4	38.4	450.0	492.9	-4.6	TRIM/REMOVE
1478	TREE	476.0	50.5	425.5	525.0	-49.0	NO ACTION
1585	TREE	529.1	79.1	450.0	516.7	12.4	TRIM/REMOVE
2089	TREE	458.4	58.4	400.0	493.6	-35.2	NO ACTION
2421	TREE	508.1	58.1	450.0	494.2	13.9	TRIM/REMOVE
2543	TREE	462.3	61.6	400.6	512.7	-50.4	NO ACTION
2550	TREE	514.1	64.1	450.0	508.1	6.0	TRIM/REMOVE
2556	TREE	412.2	62.2	350.0	411.9	0.3	TRIM/REMOVE
2580	TREE	457.8	51.6	406.3	441.0	16.9	TRIM/REMOVE
2590	TREE	469.5	61.3	408.2	467.9	1.5	TRIM/REMOVE
2829	TREE	374.9	37.4	337.5	407.5	-32.7	NO ACTION
2844	GROUND	318.2	0.0	318.2	363.9	-45.8	NO ACTION
3154	UTILITY POLE	504.5	37.1	467.4	500.1	4.4	MARK/LIGHT
3251	TREE	349.3	37.3	312.0	401.0	-51.7	NO ACTION
3638	TREE	411.6	61.6	350.0	356.6	55.0	TRIM/REMOVE
3657	TREE	409.4	59.4	350.0	362.9	46.5	TRIM/REMOVE
4012	UTILITY POLE	477.0	37.7	439.2	579.2	-102.2	NO ACTION
4339	UTILITY POLE	472.3	39.1	433.1	548.5	-76.2	NO ACTION
4341	UTILITY POLE	466.1	39.3	426.8	552.5	-86.5	NO ACTION
5001	TREE	419.8	69.8	350.0	384.3	35.5	TRIM/REMOVE
5108	TREE	368.9	23.4	345.5	342.8	26.1	TRIM/REMOVE
5147	TREE	396.6	46.6	350.0	347.9	48.7	TRIM/REMOVE
5502	TREE	524.5	36.6	487.9	478.7	45.8	TRIM/REMOVE
5575	TREE	500.6	39.0	461.6	462.9	37.8	TRIM/REMOVE
5584	TREE	497.0	33.7	463.2	459.4	37.6	TRIM/REMOVE
6216	TREE	477.8	55.6	422.2	538.1	-60.4	NO ACTION
6271	TREE	478.8	62.5	416.3	561.8	-83.0	NO ACTION
6887	TREE	529.5	79.5	450.0	506.5	23.0	TRIM/REMOVE
7075	TREE	507.3	57.3	450.0	541.2	-33.9	NO ACTION
7123	TREE	539.9	89.9	450.0	529.5	10.4	TRIM/REMOVE
7218	TREE	521.3	71.3	450.0	538.8	-17.5	NO ACTION
7342	TREE	528.2	42.8	485.4	516.7	11.5	TRIM/REMOVE
7604	TREE	532.9	24.9	508.0	573.4	-40.5	NO ACTION
8940	TREE	523.3	73.3	450.0	511.2	12.1	TRIM/REMOVE
9283	TREE	529.7	79.7	450.0	521.7	7.9	TRIM/REMOVE
9329	TREE	511.4	61.4	450.0	533.9	-22.6	NO ACTION
13756	UTILITY POLE	457.0	35.2	421.7	425.5	31.4	MARK/LIGHT
15019	TREE	385.7	35.7	350.0	444.6	-58.9	NO ACTION
15808	TREE	456.4	56.4	400.0	400.0	56.5	TRIM/REMOVE
20594	UTILITY POLE	514.4	38.3	476.2	503.0	11.4	MARK/LIGHT
20598	TREE	412.4	59.5	352.9	375.1	37.4	TRIM/REMOVE
20600	TREE	413.9	63.9	350.0	364.2	49.8	TRIM/REMOVE
20605	TREE	427.3	63.7	363.7	411.9	15.4	TRIM/REMOVE
20670	POLE	424.0	48.8	375.3	401.4	22.6	MARK/LIGHT
20722	TREE	434.4	84.4	350.0	378.2	56.2	TRIM/REMOVE
20750	TREE	430.5	80.5	350.0	425.2	5.3	TRIM/REMOVE
20764	POWER TRANSMISSION POLE	431.6	66.3	365.3	396.9	34.7	MARK/LIGHT
20775	POLE	435.8	86.3	349.5	427.6	8.2	MARK/LIGHT
20777	POLE	439.6	45.5	394.2	435.2	4.5	MARK/LIGHT
20779	BUSH	353.9	3.0	350.8	350.6	3.2	TRIM/REMOVE
20785	POWER TRANSMISSION POLE	431.5	73.6	357.9	394.5	37.0	MARK/LIGHT
20997	TREE	492.3	65.6	426.7	475.0	17.3	TRIM/REMOVE
21022	GROUND	305.8	0.0	305.8	320.6	-14.9	NO ACTION
21134	FLAGPOLE	443.2	32.3	410.8	500.3	-57.1	NO ACTION
21204	TREE	535.2	85.2	450.0	535.8	-0.6	TRIM/REMOVE
21302	GROUND	336.8	0.0	336.8	444.3	-107.5	NO ACTION
21330	BUILDING	488.0	51.1	436.9	448.7	39.3	MARK/LIGHT
21348	TREE	471.7	50.5	421.3	433.6	38.2	TRIM/REMOVE
21367	TREE	472.9	72.9	400.0	406.6	66.4	TRIM/REMOVE
21368	TREE	450.6	50.6	400.0	402.8	47.8	TRIM/REMOVE
21637	TREE	406.1	40.7	365.5	386.4	19.7	TRIM/REMOVE
21642	TREE	437.9	37.9	400.0	388.1	49.8	TRIM/REMOVE
21643	TREE	399.3	37.8	361.5	414.4	-15.1	NO ACTION
21665	TREE	469.4	100.6	368.8	427.4	41.9	TRIM/REMOVE
21727	TREE	510.7	60.7	450.0	486.5	24.2	TRIM/REMOVE
21742	TREE	537.6	87.6	450.0	515.8	21.8	TRIM/REMOVE

RUNWAY 6L - FUTURE DEPARTURE SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
21967	POWER TRANSMISSION POLE	469.1	67.1	402.1	515.3	-46.2	NO ACTION
22032	TREE	435.1	52.9	382.2	457.5	-22.4	NO ACTION
22066	TREE	455.6	55.6	400.0	400.5	55.2	TRIM/REMOVE
22080	TREE	478.8	72.2	406.6	448.5	30.3	TRIM/REMOVE
22108	GROUND	340.3	0.0	340.3	336.9	3.4	NO ACTION
22860	GROUND	370.7	0.0	370.7	363.7	7.0	NO ACTION
22877	GROUND	393.4	0.0	393.4	391.3	2.1	NO ACTION
22889	GROUND	387.0	0.0	387.0	374.1	12.9	NO ACTION

RUNWAY 6L - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-3	AIRPORT SERVICE RD	390.9	10.0	380.9	396.1	-5.2	NO ACTION
Z-10	BELLO ST	384.9	15.0	369.9	445.9	-61.0	NO ACTION
Z-11	ALAGETA ST	298.0	15.0	283.0	499.5	-201.5	NO ACTION
Z-12	UHANG ST	315.0	15.0	300.0	526.5	-211.5	NO ACTION
Z-13	KALAMASA DR	315.0	15.0	300.0	542.2	-227.2	NO ACTION
Z-14	AYUYU ST	315.0	15.0	300.0	559.3	-244.3	NO ACTION
Z-128	ARMY DR	392.9	17.0	375.9	399.7	-6.9	NO ACTION
Z-129	AIRPORT SERVICE RD	352.3	10.0	342.3	334.3	17.9	NO ACTION
Z-146	AHAU LN	315.0	15.0	300.0	573.0	-258.0	NO ACTION
Z-147	MACHECHE AVE	315.0	15.0	300.0	585.6	-270.6	NO ACTION
Z-148	MAGOF RD	315.0	15.0	300.0	591.4	-276.4	NO ACTION
Z-149	HIBISCUS ST	315.0	15.0	300.0	600.0	-285.0	NO ACTION
Z-150	PLUMERIA ST	315.0	15.0	300.0	606.8	-291.8	NO ACTION
Z-151	AIRPORT SERVICE RD	310.0	10.0	300.0	457.6	-147.6	NO ACTION
Z-152	AIRPORT SERVICE RD	312.8	10.0	302.8	465.1	-152.3	NO ACTION
Z-153	AIRPORT SERVICE RD	344.5	10.0	334.5	480.2	-135.7	NO ACTION
Z-154	AIRPORT SERVICE RD	357.4	10.0	347.4	486.1	-128.7	NO ACTION
Z-155	AIRPORT SERVICE RD	360.0	10.0	350.0	494.9	-134.9	NO ACTION
Z-156	AIRPORT SERVICE RD	360.0	10.0	350.0	526.3	-166.3	NO ACTION
Z-157	TIYAN PKWY	367.0	17.0	350.0	530.7	-163.7	NO ACTION
Z-158	ARMY DR	334.6	17.0	317.6	550.2	-215.5	NO ACTION
Z-159	MENDIOKA ST	225.1	15.0	210.1	592.7	-367.6	NO ACTION
Z-161	ASOSANA LN	280.1	15.0	265.1	609.0	-328.9	NO ACTION
Z-162	CHANDO CT	315.0	15.0	300.0	609.0	-294.0	NO ACTION
Z-163	UNKNOWN	315.0	15.0	300.0	609.0	-294.0	NO ACTION
Z-164	MARINE CORPS DR	317.8	17.0	300.8	609.0	-291.2	NO ACTION
Z-165	BUENA VISTA AVE	321.6	15.0	306.6	609.0	-287.4	NO ACTION
Z-166	IGLESIA CIR	323.1	15.0	308.1	609.0	-285.9	NO ACTION
Z-182	CARNATION AVE	433.2	15.0	418.2	609.0	-175.8	NO ACTION
Z-183	ORCHID AVE	420.7	15.0	405.7	609.0	-188.3	NO ACTION
Z-184	GARDENA AVE	415.0	15.0	400.0	609.0	-194.0	NO ACTION
Z-185	CARNATION LP	425.7	15.0	410.7	609.0	-183.3	NO ACTION
Z-186	S-32	439.6	15.0	424.6	609.0	-169.4	NO ACTION
Z-187	UNKNOWN	463.7	15.0	448.7	609.0	-145.3	NO ACTION
Z-188	UNKNOWN	511.6	15.0	496.6	609.0	-97.4	NO ACTION
Z-189	UNKNOWN	472.0	15.0	457.0	575.7	-103.7	NO ACTION
Z-190	JUAN C FEJERAN ST	436.1	15.0	421.1	552.9	-116.8	NO ACTION
Z-191	ARMY DR	420.0	17.0	403.0	529.0	-109.1	NO ACTION
Z-192	PANGELINAN WY	388.5	15.0	373.5	501.6	-113.1	NO ACTION
Z-193	UNKNOWN	380.5	10.0	370.5	499.3	-118.8	NO ACTION
Z-194	UNKNOWN	371.1	10.0	361.1	492.1	-120.9	NO ACTION
Z-195	UNKNOWN	360.8	10.0	350.8	483.6	-122.8	NO ACTION
Z-196	AIRPORT SERVICE RD	360.0	10.0	350.0	475.8	-115.8	NO ACTION
Z-197	AIRPORT SERVICE RD	343.4	10.0	333.4	335.4	7.9	NO ACTION
Z-198	AIRPORT SERVICE RD	360.0	10.0	350.0	345.3	14.7	NO ACTION
Z-199	AIRPORT SERVICE RD	360.0	10.0	350.0	384.6	-24.6	NO ACTION
Z-200	ARMY DR	367.0	17.0	350.0	396.3	-29.3	NO ACTION
Z-201	MENDIOKA ST	265.0	15.0	250.0	445.0	-180.0	NO ACTION
Z-202	MENDIOKA ST	265.0	15.0	250.0	453.9	-188.9	NO ACTION
Z-203	E ADDENG ST	264.1	15.0	249.1	462.5	-198.4	NO ACTION
Z-204	E ADDENG ST	265.0	15.0	250.0	474.7	-209.7	NO ACTION
Z-205	UNKNOWN	260.0	10.0	250.0	482.4	-222.4	NO ACTION
Z-206	E ADDENG ST	265.0	15.0	250.0	494.9	-229.9	NO ACTION
Z-207	ACHO LATTE ST	266.0	15.0	251.0	496.3	-230.3	NO ACTION
Z-208	UNKNOWN	286.0	10.0	276.0	528.6	-242.6	NO ACTION
Z-209	CHANDO CT	302.2	10.0	292.2	555.4	-253.2	NO ACTION
Z-210	UNKNOWN	299.5	10.0	289.5	552.5	-253.0	NO ACTION
Z-211	CHANDO CT	310.0	10.0	300.0	565.6	-255.6	NO ACTION
Z-212	W LIGUAN AVE	315.0	15.0	300.0	588.9	-273.9	NO ACTION
Z-213	UNKNOWN	310.0	10.0	300.0	590.8	-280.8	NO ACTION

RUNWAY 6L - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-214	UNKNOWN	311.2	10.0	301.2	602.5	-291.3	NO ACTION
Z-215	UNKNOWN	313.4	10.0	303.4	605.6	-292.2	NO ACTION
Z-216	UNKNOWN	319.0	15.0	304.0	606.5	-287.5	NO ACTION
Z-497	AIRPORT SERVICE RD	351.6	10.0	341.6	340.4	11.3	NO ACTION
Z-498	AIRPORT SERVICE RD	355.2	10.0	345.2	329.7	25.5	NO ACTION
Z-499	AIRPORT SERVICE RD	379.2	10.0	369.2	359.1	20.1	NO ACTION
Z-500	ARMY DR	417.0	17.0	400.0	387.5	29.5	NO ACTION
Z-501	UNKNOWN	415.0	15.0	400.0	399.4	15.6	NO ACTION
Z-502	UNKNOWN	308.7	10.0	298.7	403.0	-94.2	NO ACTION
Z-503	UNKNOWN	309.6	15.0	294.6	414.5	-104.9	NO ACTION
Z-504	UNKNOWN	436.1	15.0	421.1	430.9	5.2	NO ACTION
Z-505	UNKNOWN	460.0	10.0	450.0	445.1	14.9	NO ACTION
Z-506	UNKNOWN	471.8	10.0	461.8	452.1	19.7	NO ACTION
Z-507	UNKNOWN	481.1	10.0	471.1	455.6	25.5	NO ACTION
Z-508	DUENAS RD	494.9	15.0	479.9	471.8	23.1	NO ACTION
Z-509	UNKNOWN	465.0	15.0	450.0	498.9	-33.9	NO ACTION
Z-510	UNKNOWN	465.0	15.0	450.0	537.1	-72.1	NO ACTION
Z-511	S-32	452.9	15.0	437.9	548.0	-95.1	NO ACTION
Z-512	CARNATION LP	415.8	15.0	400.8	565.4	-149.6	NO ACTION
Z-513	GARDENA AVE	416.1	15.0	401.1	569.5	-153.4	NO ACTION
Z-514	CARNATION AVE	424.0	15.0	409.0	574.9	-150.8	NO ACTION
Z-515	UNKNOWN	429.7	15.0	414.7	578.7	-149.0	NO ACTION

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
7. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
8. TO ACCOUNT FOR GROWTH SINCE SURVEY, TREES WITHIN 10 FEET OF PENETRATING A SURFACE ARE ASSIGNED A PROPOSED DISPOSITION OF TRIMREMOVE.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH / VAR 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 6L DEPARTURE SURFACE DATA TABLES

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

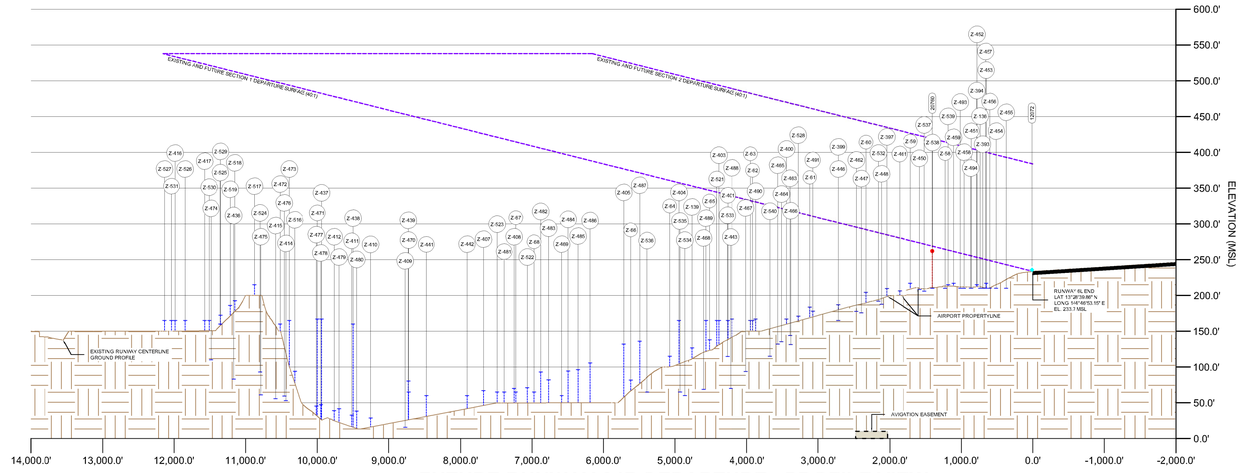
SHEET: 42 OF 51

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FUTURE RUNWAY 24R DEPARTURE - PLAN VIEW

HORIZON˜AL SCALE : 1" = 1,000'



FUTURE RUNWAY 24R DEPARTURE - PROFILE VIEW

HORIZON˜AL SCALE : 1" = 1,000'
VERTICAL SCALE : 1" = 100'

LEGEND

ITEM
AIRPORT PROPERTY LINE
FUTURE AIRPORT PROPERTY LINE
AIRFIELD PAVEMENT
FUTURE AIRFIELD PAVEMENT
AIRFIELD PAVEMENT TO BE REMOVED
AIRFIELD SHOULDER PAVEMENT
FUTURE AIRFIELD SHOULDER PAVEMENT
ON-AIRPORT BUILDINGS
FUTURE ON-AIRPORT BUILDINGS / STRUCTURES
OFF-AIRPORT BUILDINGS
ROADS & VEHICLE PARKING
FUTURE ROADS & VEHICLE PARKING
FENCE
EXTENDED RUNWAY CENTERLINE
DEPARTURE SURFACE (SURFACE 7)
FUTURE DEPARTURE SURFACE (SURFACE 7)
PROPOSED PROPERTY ACQUISITION
FUTURE AERONAUTICAL DEVELOPMENT
FUTURE NON-AERONAUTICAL DEVELOPMENT
AVIGATION EASEMENT
RUNWAY THRESHOLD LIGHTS
PAPI
WIND CONE
ASOS
ROTATING BEACON
AIRPORT REFERENCE POINT (ARP)
10' GROUND CONTOUR
VEGETATION˜TREES

OBSTRUCTIONS LEGEND

ITEM		
TREE/BUSH	XXXX	◆
POLE	XXXX	●
GROUND	XXXX	◆
BUILDING	XXXX	■
FENCE	XXXX	×
TOWER/ANTENNA	XXXX	●
NAVAID	XXXX	▲
LIGHT	XXXX	◆
SIGN	XXXX	◆
OTHER	XXXX	●
ROAD˜TRAVERSEWAY	Z-X	–

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NOR˜H (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NCDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
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5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION ON SHEET 44 .
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRD, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
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NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

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MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0° 1' (0.017°) WEST / YEAR

1,000 0 1,000
HORIZONTAL SCALE IN FEET
SCALE : 1" = 1,000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
AUTORIDAT FUETTON BATON ARIEN GUAHAN ENTRENASIONAT

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24R DEPARTURE SURFACE DRAWING

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 43 OF 51

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RUNWAY 24R - FUTURE DEPARTURE SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
12072	RUNWAY LIGHT	235.8	2.0	233.7	234.0	1.8	NO ACTION
20760	POLE	261.9	50.8	211.1	268.9	-7.0	NO ACTION

RUNWAY 24R - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-58	AIRPORT SERVICE RD	210.0	10.0	200.0	264.4	-54.4	NO ACTION
Z-59	PURPLE HEART MEMORIAL HWY	217.0	17.0	200.0	276.6	-59.6	NO ACTION
Z-60	CHN R S SANCHEZ	204.3	15.0	189.3	292.1	-87.9	NO ACTION
Z-61	ROBAT ST	183.8	15.0	168.8	311.7	-127.9	NO ACTION
Z-62	PATERNO ST	165.0	15.0	150.0	331.7	-166.7	NO ACTION
Z-63	TUN ANTONIO ST	165.0	15.0	150.0	332.5	-167.5	NO ACTION
Z-64	BIANG ST	115.0	15.0	100.0	360.6	-245.6	NO ACTION
Z-65	MANIBUSAN ST	138.2	15.0	123.2	346.7	-208.5	NO ACTION
Z-66	SGT ROY T DAMIAN JR ST	81.6	15.0	66.6	374.3	-292.6	NO ACTION
Z-67	UNKNOWN	65.0	15.0	50.0	414.5	-349.5	NO ACTION
Z-68	DUENAS ST	65.0	15.0	50.0	408.1	-343.1	NO ACTION
Z-136	AIRPORT SERVICE RD	210.0	10.0	200.0	252.2	-42.2	NO ACTION
Z-139	TAN CHONG ST	126.6	15.0	111.6	352.8	-226.2	NO ACTION
Z-393	AIRPORT SERVICE RD	210.0	10.0	200.0	401.4	-191.4	NO ACTION
Z-394	N ST	215.0	15.0	200.0	403.4	-188.4	NO ACTION
Z-397	E SUNSET BLVD	209.8	17.0	192.8	434.9	-225.0	NO ACTION
Z-399	FOURTH STREET	187.1	15.0	172.1	451.7	-264.6	NO ACTION
Z-400	EAST SUNSET BLVD	167.0	17.0	150.0	469.9	-302.9	NO ACTION
Z-401	E T CALVO WY	165.0	15.0	150.0	490.5	-325.5	NO ACTION
Z-403	KINDO KINDO ST	165.0	15.0	150.0	493.6	-328.6	NO ACTION
Z-404	TITIRES ST	165.0	15.0	150.0	507.5	-342.5	NO ACTION
Z-405	PURPLE HEART MEMORIAL HWY	132.1	17.0	115.1	526.8	-394.7	NO ACTION
Z-407	PURPLE HEART MEMORIAL HWY	67.0	17.0	50.0	537.7	-470.7	NO ACTION
Z-408	PURPLE HEART MEMORIAL HWY	70.2	17.0	53.2	537.7	-467.5	NO ACTION
Z-409	CHALAN SANTO PAPA JUAN PABLO DOS	15.7	15.0	0.7	537.7	-522.0	NO ACTION
Z-410	N CHALAN CANTON TASI	28.7	17.0	11.7	537.7	-509.1	NO ACTION
Z-411	MARTYR ST	32.7	15.0	17.7	537.7	-505.0	NO ACTION
Z-412	ARCHBISHOP F C FLORES ST	39.2	15.0	24.2	537.7	-498.5	NO ACTION
Z-414	DULCE NOMBRE DE MARIA DR	53.1	15.0	38.1	537.7	-484.6	NO ACTION
Z-415	ASPINALL AVE	55.7	15.0	40.7	537.7	-482.0	NO ACTION
Z-416	JOHNSON RD	165.0	15.0	150.0	537.7	-372.7	NO ACTION
Z-417	FORT CT	165.0	15.0	150.0	537.7	-372.7	NO ACTION
Z-436	UNKNOWN	83.0	10.0	73.0	537.7	-454.7	NO ACTION
Z-437	N CHALAN CANTON TASI	167.0	17.0	150.0	537.7	-370.7	NO ACTION
Z-438	UNKNOWN	160.0	10.0	150.0	537.7	-377.7	NO ACTION
Z-439	UNKNOWN	80.6	10.0	70.6	537.7	-457.1	NO ACTION
Z-441	S-2	60.0	10.0	50.0	537.7	-477.7	NO ACTION
Z-442	S-12	60.0	10.0	50.0	537.7	-477.7	NO ACTION
Z-443	SGT ROY T DAMIAN JR ST	70.0	15.0	55.0	489.4	-419.4	NO ACTION
Z-446	BALAKO ST	165.0	15.0	150.0	451.7	-286.7	NO ACTION
Z-447	CHN R S SANCHEZ	175.7	15.0	160.7	443.7	-268.0	NO ACTION
Z-448	GUSTO ST	187.7	15.0	172.7	436.7	-249.0	NO ACTION
Z-450	UNKNOWN	208.4	15.0	193.4	423.4	-215.0	NO ACTION
Z-451	UNKNOWN	210.0	10.0	200.0	405.3	-195.3	NO ACTION
Z-452	CANADA TOTO RD	215.0	15.0	200.0	403.3	-188.3	NO ACTION
Z-453	PURPLE HEART MEMORIAL HWY	217.0	17.0	200.0	400.1	-183.1	NO ACTION
Z-454	AIRPORT SERVICE RD	210.0	10.0	200.0	396.5	-186.5	NO ACTION
Z-455	AIRPORT SERVICE RD	210.2	10.0	200.2	393.0	-182.8	NO ACTION
Z-456	AIRPORT SERVICE RD	210.0	10.0	200.0	248.8	-38.8	NO ACTION
Z-457	AIRPORT SERVICE RD	210.0	10.0	200.0	250.3	-40.3	NO ACTION
Z-458	AIRPORT SERVICE RD	210.0	10.0	200.0	257.8	-47.8	NO ACTION
Z-459	PURPLE HEART MEMORIAL HWY	217.0	17.0	200.0	261.4	-44.4	NO ACTION
Z-461	RAMIREZ WY	206.2	15.0	191.2	280.3	-74.1	NO ACTION
Z-462	CHN R S SANCHEZ	177.7	15.0	162.7	295.5	-117.8	NO ACTION
Z-463	UNKNOWN	144.0	15.0	129.0	318.6	-174.6	NO ACTION
Z-464	ROBART ST	135.6	15.0	120.6	321.6	-186.1	NO ACTION
Z-465	MANIBUSAN ST	132.0	15.0	117.0	322.9	-190.9	NO ACTION
Z-466	BALAKO ST	131.3	15.0	116.3	468.4	-337.1	NO ACTION
Z-467	GUSPOD ST	93.7	15.0	78.7	484.2	-390.5	NO ACTION
Z-468	SGT ROY T DAMIAN JR ST	68.7	15.0	53.7	348.8	-280.1	NO ACTION
Z-469	S-12	60.0	10.0	50.0	398.4	-338.4	NO ACTION
Z-470	S SPRING LN	65.0	15.0	50.0	451.9	-386.9	NO ACTION
Z-471	N CHALAN CANTON TASI	167.0	17.0	150.0	483.8	-316.8	NO ACTION

RUNWAY 24R - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-472	PAPATO LN	160.0	10.0	150.0	496.9	-336.9	NO ACTION
Z-473	SEN GIBSON CT	165.0	15.0	150.0	493.7	-328.7	NO ACTION
Z-474	UNKNOWN	110.0	10.0	100.0	521.0	-411.0	NO ACTION
Z-475	W O'BRIEN DR	61.1	15.0	46.1	537.7	-476.6	NO ACTION
Z-476	W O'BRIEN DR	59.3	15.0	44.3	495.4	-436.1	NO ACTION
Z-477	DULCE NOMBRE DE MARIA DR	45.3	15.0	30.3	537.7	-492.4	NO ACTION
Z-478	ARCHBISHOP F C FLORES ST	47.5	15.0	32.5	482.6	-435.0	NO ACTION
Z-479	MARTYR ST	41.8	15.0	26.8	476.2	-434.5	NO ACTION
Z-480	N CHALAN CANTON TASI	38.6	17.0	21.6	470.1	-431.6	NO ACTION
Z-481	SGT ROY T DAMIAN JR ST	65.0	15.0	50.0	418.5	-353.5	NO ACTION
Z-482	E O'BRIEN DR	93.1	15.0	78.1	537.7	-444.6	NO ACTION
Z-483	J A CAMACHO ST	82.3	15.0	67.3	403.1	-320.8	NO ACTION
Z-484	CALLE V D PEREZ ST	94.5	15.0	79.5	396.1	-301.6	NO ACTION
Z-485	UNKNOWN	96.3	10.0	86.3	392.7	-296.4	NO ACTION
Z-486	UNKNOWN	105.7	10.0	95.7	388.4	-282.7	NO ACTION
Z-487	N OLD G W RD	135.9	15.0	120.9	371.2	-235.2	NO ACTION
Z-488	PURPLE HEART MEMORIAL HWY	167.0	17.0	150.0	338.9	-171.9	NO ACTION
Z-489	PEREZ LN	165.0	15.0	150.0	498.1	-333.1	NO ACTION
Z-490	EAST SUNSET BLVD	167.0	17.0	150.0	330.6	-163.6	NO ACTION
Z-491	EAST SUNSET BLVD	178.1	17.0	161.1	460.7	-282.6	NO ACTION
Z-493	AIRPORT SERVICE RD	210.0	10.0	200.0	259.1	-49.1	NO ACTION
Z-494	AIRPORT SERVICE RD	210.0	10.0	200.0	255.5	-45.5	NO ACTION
Z-516	N CHALAN CANTON TASI	94.1	17.0	77.1	491.8	-397.7	NO ACTION
Z-517	SEN GIBSON CT	215.0	15.0	200.0	505.8	-290.8	NO ACTION
Z-518	CHANDIHA CT	192.7	15.0	177.7	512.6	-319.9	NO ACTION
Z-519	CHANDIHA CT	186.2	15.0	171.2	514.2	-328.0	NO ACTION
Z-521	BIANG ST	165.0	15.0	150.0	344.2	-179.2	NO ACTION
Z-522	E O'BRIEN DR	71.2	15.0	56.2	410.5	-339.3	NO ACTION
Z-523	JQ SAN MIGUEL ELEMMENTARY SCHOOL LN	65.0	15.0	50.0	421.0	-356.0	NO ACTION
Z-524	UNKNOWN	93.1	10.0	83.1	503.9	-410.8	NO ACTION
Z-525	UNKNOWN	160.0	10.0	150.0	517.7	-357.7	NO ACTION
Z-526	FORT CT	165.0	15.0	150.0	530.0	-365.0	NO ACTION
Z-527	JOSEPH CRUZ AVE	165.0	15.0	150.0	537.2	-372.2	NO ACTION
Z-528	UNKNOWN	170.9	10.0	160.9	315.7	-144.8	NO ACTION
Z-529	E CHN GUMAYUUS ST	172.5	15.0	157.5	517.6	-345.1	NO ACTION
Z-530	CALLE ANGEL FLORES ST	165.0	15.0	150.0	521.6	-356.6	NO ACTION
Z-531	CHN A B WON PAT DR	165.0	15.0	150.0	534.8	-369.8	NO ACTION
Z-532	E MALATE ST	192.1	15.0	177.1	287.8	-95.7	NO ACTION
Z-533	POTU ST	114.9	15.0	99.9	340.5	-225.6	NO ACTION
Z-534	UNKNOWN	60.0	10.0	50.0	355.4	-295.4	NO ACTION
Z-535	KADI LN	65.0	15.0	50.0	357.0	-292.0	NO ACTION
Z-536	DUMANG SIGOT ST	65.0	15.0	50.0	368.5	-303.5	NO ACTION
Z-537	UNKNOWN	206.0	10.0	196.0	421.8	-215.7	NO ACTION
Z-538	UNKNOWN	210.0	10.0	200.0	418.9	-208.9	NO ACTION
Z-539	RAMIREZ WY	215.0	15.0	200.0	413.4	-198.4	NO ACTION
Z-540	TAN CHICO CT	115.0	15.0	100.0	475.7	-360.7	NO ACTION

NOTES:

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TRUE NORTH
VAR 9°23' E
(9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24R DEPARTURE SURFACE DATA TABLES

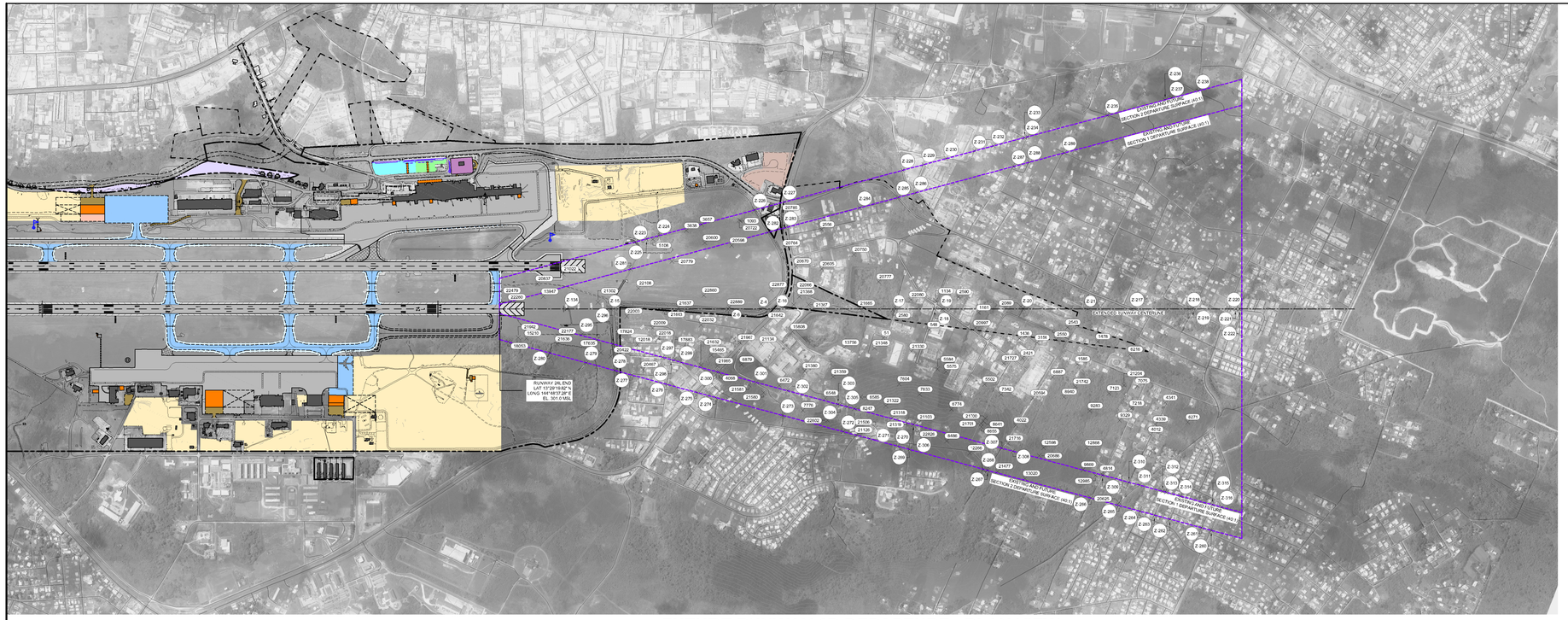
ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 44 OF 51

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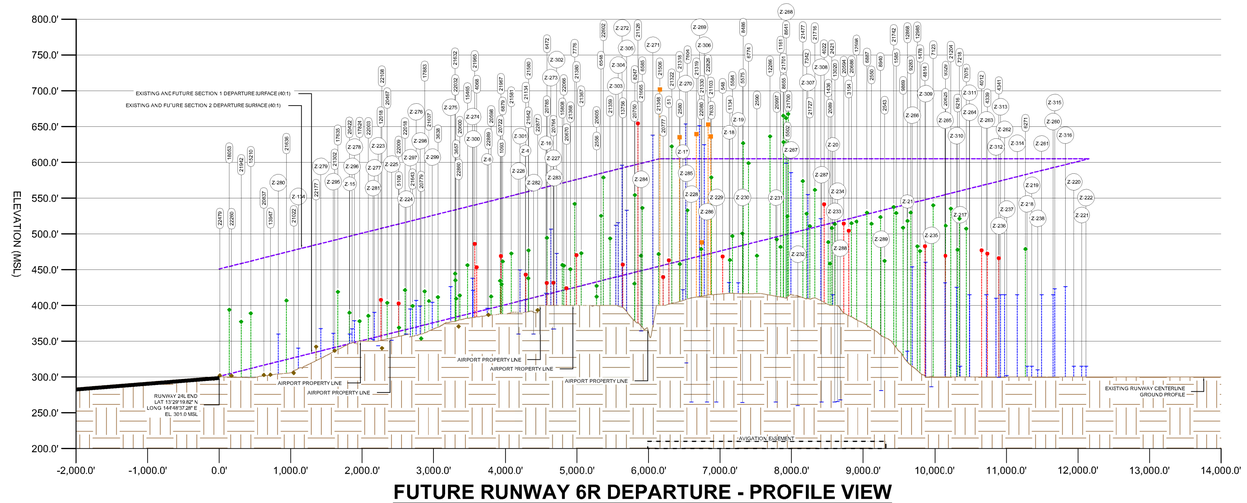


FUTURE RUNWAY 6R DEPARTURE - PLAN VIEW

HORIZONTAL SCALE : 1" = 1,000'

LEGEND	
ITEM	
AIRPORT PROPERTY LINE	
FUTURE AIRPORT PROPERTY LINE	
AIRFIELD PAVEMENT	
FUTURE AIRFIELD PAVEMENT	
AIRFIELD PAVEMENT TO BE REMOVED	
AIRFIELD SHOULDER PAVEMENT	
FUTURE AIRFIELD SHOULDER PAVEMENT	
ON-AIRPORT BUILDINGS	
FUTURE ON-AIRPORT BUILDINGS / STRUCTURES	
OFF-AIRPORT BUILDINGS	
ROADS & VEHICLE PARKING	
FUTURE ROADS & VEHICLE PARKING	
FENCE	
EXTENDED RUNWAY CENTERLINE	
DEPARTURE SURFACE (SURFACE 7)	
FUTURE DEPARTURE SURFACE (SURFACE 7)	
PROPOSED PROPERTY ACQUISITION	
FUTURE AERONAUTICAL DEVELOPMENT	
FUTURE NON-AERONAUTICAL DEVELOPMENT	
EASEMENT	
RUNWAY THRESHOLD LIGHTS	
PAPI	
FUTURE WIND CONE	
ASOS	
ROTATING BEACON	
AIRPORT REFERENCE POINT (ARP)	
10' GROUND CONTOUR	
VEGETATION: TREES	

OBSTRUCTIONS LEGEND		
ITEM		
TREE/BUSH	XXXX	
POLE	XXXX	
GROUND	XXXX	
BUILDING	XXXX	
FENCE	XXXX	
TOWER/ANTENNA	XXXX	
NAVAID	XXXX	
LIGHT	XXXX	
SIGN	XXXX	
OTHER	XXXX	
ROAD/TRAVERSEWAY	Z-X	



FUTURE RUNWAY 6R DEPARTURE - PROFILE VIEW

HORIZONTAL SCALE : 1" = 1,000'
VERTICAL SCALE : 1" = 100'

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWINGS PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NCDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION ON SHEETS 46 TO 47'.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRD, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
MAGNETIC DECLINATION = 9°23' (9.4") EAST (JANUARY 2023)
ANNUAL RATE OF CHANGE: 0° 1' (0.017") WEST / YEAR
1,000 0 1,000
HORIZONTAL SCALE IN FEET
SCALE : 1" = 1,000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
AUTHORITY, GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 6R
DEPARTURE SURFACE DRAWING

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 45 OF 51

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RUNWAY 6R - FUTURE DEPARTURE SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
51	UTILITY POLE	462.9	43.1	419.9	458.1	4.8	MARK/LIGHT
548	UTILITY POLE	468.4	39.7	428.8	477.0	-8.5	NO ACTION
1093	TREE	429.6	79.6	350.0	508.9	-79.3	NO ACTION
1134	TREE	463.5	52.2	411.3	479.5	-16.0	NO ACTION
1161	TREE	481.8	67.3	414.5	497.3	-15.5	NO ACTION
1436	TREE	488.4	38.4	450.0	513.9	-25.5	NO ACTION
1478	TREE	476.0	50.5	425.5	545.9	-69.9	NO ACTION
1585	TREE	529.1	79.1	450.0	537.7	-8.5	TRIM/REMOVE
2089	TREE	458.4	58.4	400.0	514.5	-56.2	NO ACTION
2421	TREE	508.1	58.1	450.0	515.2	-7.0	TRIM/REMOVE
2543	TREE	462.3	61.6	400.6	533.6	-71.4	NO ACTION
2550	TREE	514.1	64.1	450.0	529.1	-14.9	NO ACTION
2556	TREE	412.2	62.2	350.0	432.9	-20.7	NO ACTION
2580	TREE	457.8	51.6	406.3	461.9	-4.1	TRIM/REMOVE
2590	TREE	469.5	61.3	408.2	488.9	-19.5	NO ACTION
3154	UTILITY POLE	504.5	37.1	467.4	521.1	-16.6	NO ACTION
3638	TREE	411.6	61.6	350.0	513.4	-101.8	NO ACTION
3657	TREE	409.4	59.4	350.0	531.9	-122.4	NO ACTION
4012	UTILITY POLE	477.0	37.7	439.2	567.5	-90.5	NO ACTION
4022	UTILITY POLE	541.2	40.7	500.5	512.4	28.7	MARK/LIGHT
4068	UTILITY POLE	453.4	47.5	405.9	393.1	60.2	MARK/LIGHT
4339	UTILITY POLE	472.3	39.1	433.1	569.5	-97.2	NO ACTION
4341	UTILITY POLE	466.1	39.3	426.8	573.5	-107.4	NO ACTION
4814	UTILITY POLE	482.6	38.1	444.5	547.6	-65.0	NO ACTION
5108	TREE	368.9	23.4	345.5	501.1	-132.2	NO ACTION
5502	TREE	524.5	36.6	487.9	499.7	24.9	TRIM/REMOVE
5575	TREE	500.6	39.0	461.6	483.9	16.8	TRIM/REMOVE
5584	TREE	497.0	33.7	463.2	480.3	16.6	TRIM/REMOVE
6216	TREE	477.8	55.6	422.2	559.1	-81.3	NO ACTION
6271	TREE	478.8	62.5	416.3	582.8	-104.0	NO ACTION
6472	TREE	494.4	45.2	449.1	415.6	78.8	TRIM/REMOVE
6548	TREE	525.2	43.0	482.2	434.5	90.7	TRIM/REMOVE
6585	TREE	536.3	25.9	510.3	448.9	87.4	TRIM/REMOVE
6774	TREE	598.8	36.6	562.1	486.0	112.8	TRIM/REMOVE
6879	TREE	461.4	45.2	416.2	400.0	61.4	TRIM/REMOVE
6887	TREE	529.5	79.5	450.0	527.5	2.0	TRIM/REMOVE
7075	TREE	507.3	57.3	450.0	562.2	-54.8	NO ACTION
7123	TREE	539.9	89.9	450.0	550.5	-10.6	NO ACTION
7218	TREE	521.3	71.3	450.0	559.8	-38.5	NO ACTION
7342	TREE	528.2	42.8	485.4	506.4	21.8	TRIM/REMOVE
7604	TREE	532.9	24.9	508.0	464.7	68.3	TRIM/REMOVE
7633	TREE	578.8	35.9	542.9	473.0	105.8	TRIM/REMOVE
7776	TREE	541.9	39.9	502.0	514.6	27.4	TRIM/REMOVE
8247	TREE	554.2	24.3	529.9	446.3	107.9	TRIM/REMOVE
8486	TREE	626.8	18.8	608.0	528.2	98.6	TRIM/REMOVE
8641	TREE	661.8	61.8	600.0	499.2	162.6	TRIM/REMOVE
8655	TREE	628.1	28.1	600.0	498.3	129.8	TRIM/REMOVE
8940	TREE	523.3	73.3	450.0	532.2	-8.8	TRIM/REMOVE
9283	TREE	529.7	79.7	450.0	542.7	-13.1	NO ACTION
9329	TREE	511.4	61.4	450.0	554.9	-43.5	NO ACTION
9869	TREE	508.6	50.8	457.9	540.1	-31.4	NO ACTION
12018	UTILITY POLE	407.8	41.9	365.9	357.5	50.3	MARK/LIGHT
12266	TREE	636.2	36.2	600.0	572.0	64.2	TRIM/REMOVE
12598	TREE	517.2	32.5	484.6	523.8	-6.6	TRIM/REMOVE
12868	TREE	518.1	55.9	462.1	541.6	-23.5	NO ACTION
12985	TREE	482.5	32.5	450.0	557.3	-74.8	NO ACTION
13020	TREE	513.7	33.7	480.0	605.0	-91.2	NO ACTION
13756	UTILITY POLE	457.0	35.2	421.7	442.1	14.9	MARK/LIGHT
13947	GROUND	303.1	0.0	303.1	318.9	-15.8	NO ACTION
15210	TREE	389.0	63.2	325.8	413.6	-24.7	NO ACTION
15465	TREE	456.2	56.5	399.7	387.8	68.4	TRIM/REMOVE
15808	TREE	456.4	56.4	400.0	420.9	35.5	TRIM/REMOVE
17635	TREE	418.9	61.4	357.5	411.1	7.8	TRIM/REMOVE
17824	TREE	377.9	22.7	355.2	350.1	27.8	TRIM/REMOVE
17883	TREE	419.6	34.2	385.4	372.8	46.8	TRIM/REMOVE
18053	TREE	394.0	59.8	334.2	453.6	-59.6	NO ACTION
20422	TREE	389.8	27.9	361.9	422.1	-32.3	NO ACTION
20467	TREE	403.6	26.7	376.9	461.0	-57.4	NO ACTION
20594	UTILITY POLE	514.4	38.3	476.2	519.3	-4.9	NO ACTION
20598	TREE	412.4	59.5	352.9	396.0	16.4	TRIM/REMOVE
20600	TREE	413.9	63.9	350.0	422.3	-8.4	TRIM/REMOVE
20605	TREE	427.3	63.7	363.7	432.9	-5.5	TRIM/REMOVE
20625	POLE	469.2	43.6	425.6	605.0	-135.7	NO ACTION

RUNWAY 6R - FUTURE DEPARTURE SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
20670	POLE	424.0	48.8	375.3	422.4	1.6	MARK/LIGHT
20686	TREE	514.7	28.5	486.2	522.0	-7.3	TRIM/REMOVE
20722	TREE	434.4	84.4	350.0	513.9	-79.5	NO ACTION
20750	TREE	430.5	80.5	350.0	446.2	-15.7	NO ACTION
20764	POWER TRANSMISSION POLE	431.6	66.3	365.3	417.8	13.8	MARK/LIGHT
20777	POLE	439.6	45.5	394.2	456.1	-16.5	NO ACTION
20779	BUSH	353.9	3.0	350.8	371.6	-17.7	NO ACTION
20785	POWER TRANSMISSION POLE	431.5	73.6	357.9	498.7	-67.2	NO ACTION
20837	GROUND	302.8	0.0	302.8	377.0	-74.2	NO ACTION
20997	TREE	492.3	65.6	426.7	495.9	-3.7	TRIM/REMOVE
21022	GROUND	305.8	0.0	305.8	403.9	-98.1	NO ACTION
21103	BUILDING	636.3	24.9	611.4	472.8	163.4	MARK/LIGHT
21126	UTILITY POLE	654.3	40.5	613.8	595.8	58.5	MARK/LIGHT
21134	FLAGPOLE	443.2	32.3	410.8	408.2	35.0	MARK/LIGHT
21204	TREE	535.2	85.2	450.0	556.8	-21.5	NO ACTION
21302	GROUND	336.8	0.0	336.8	341.3	-4.5	NO ACTION
21318	BUILDING	635.0	25.5	609.5	461.8	173.2	MARK/LIGHT
21319	BUILDING	639.3	28.5	610.8	467.8	171.5	MARK/LIGHT
21322	TREE	622.1	55.1	567.0	459.1	163.0	TRIM/REMOVE
21330	BUILDING	488.0	51.1	436.9	469.7	18.4	MARK/LIGHT
21348	TREE	471.7	50.5	421.3	454.5	17.2	TRIM/REMOVE
21359	TREE	493.6	43.6	450.0	437.7	55.9	TRIM/REMOVE
21367	TREE	472.9	72.9	400.0	427.5	45.4	TRIM/REMOVE
21368	TREE	450.6	50.6	400.0	423.8	26.9	TRIM/REMOVE
21380	POLE	470.3	36.7	433.6	425.9	44.4	MARK/LIGHT
21477	TREE	573.7	33.5	540.2	605.0	-31.3	NO ACTION
21506	BUILDING	701.7	89.9	611.8	531.6	170.1	MARK/LIGHT
21580	TREE	477.0	32.3	444.6	457.1	19.9	TRIM/REMOVE
21581	TREE	472.6	41.1	431.5	429.4	43.2	TRIM/REMOVE
21632	TREE	444.4	45.5	398.9	383.5	60.9	TRIM/REMOVE
21636	TREE	406.9	59.5	347.4	411.7	-4.8	TRIM/REMOVE
21637	TREE	406.1	40.7	365.5	374.3	31.8	TRIM/REMOVE
21642	TREE	437.9	37.9	400.0	409.1	28.8	TRIM/REMOVE
21643	TREE	399.3	37.8	361.5	368.6	30.7	TRIM/REMOVE
21665	TREE	469.4	100.6	368.8	448.4	21.0	TRIM/REMOVE
21700	TREE	667.5	67.5	600.0	500.0	167.6	TRIM/REMOVE
21701	TREE	665.0	65.0	600.0	498.2	166.8	TRIM/REMOVE
21716	TREE	561.3	38.5	522.9	509.2	52.1	TRIM/REMOVE
21727	TREE	510.7	60.7	450.0	507.5	3.2	TRIM/REMOVE
21742	TREE	537.6	87.6	450.0	536.8	0.8	TRIM/REMOVE
21942	TREE	377.2	52.5	324.7	418.3	-41.0	NO ACTION
21965	POWER TRANSMISSION POLE	486.2	81.0	405.1	390.3	95.8	MARK/LIGHT
21967	POWER TRANSMISSION POLE	469.1	67.1	402.1	399.4	69.7	MARK/LIGHT
22003	TREE	385.4	35.4	350.0	353.2	32.2	TRIM/REMOVE
22009	POLE	402.6	36.8	365.8	363.7	38.8	MARK/LIGHT
22018	TREE	421.5	50.9	370.6	365.9	55.6	TRIM/REMOVE
22032	TREE	435.1	52.9	382.2	383.6	51.5	TRIM/REMOVE
22066	TREE	455.6	55.6	400.0	421.4	34.2	TRIM/REMOVE
22080	TREE	478.8	72.2	406.6	469.5	9.4	TRIM/REMOVE
22108	GROUND	340.3	0.0	340.3	357.9	-17.6	NO ACTION
22177	GROUND	342.3	0.0	342.3	334.8	7.5	NO ACTION
22260	GROUND	301.8	0.0	301.8	305.2	-3.4	NO ACTION
22479	GROUND	302.2	0.0	302.2	312.7	-10.5	NO ACTION
22602	TREE	578.7	38.1	540.6	543.8	34.8	TRIM/REMOVE
22826	BUILDING	652.7	33.3	619.4	493.0	159.7	MARK/LIGHT
22860	GROUND	370.7	0.0	370.7	384.7	-14.0	NO ACTION
22877	GROUND	393.4	0.0	393.4	412.3	-18.9	NO ACTION
22889	GROUND	387.0	0.0	387.0	395.1	-8.1	NO ACTION

NOTES:

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8. TO ACCOUNT FOR GROWTH SINCE SURVEY, TREES WITHIN 10 FEET OF PENETRATING A SURFACE IS ASSIGNED A PROPOSED DISPOSITION OF TRIM/REMOVE.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°22' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

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AECOM

FUTURE RUNWAY 6R
DEPARTURE SURFACE
DATA TABLES - A

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 46 OF 51

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RUNWAY 6R - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-4	AIRPORT SERVICE RD	408.1	10.0	398.1	408.0	0.1	NO ACTION
Z-6	AIRPORT SERVICE RD	396.1	10.0	386.1	394.7	1.4	NO ACTION
Z-15	AIRPORT SERVICE RD	360.0	10.0	350.0	346.7	13.3	NO ACTION
Z-16	ARMY DR	417.0	17.0	400.0	415.2	1.8	NO ACTION
Z-17	UNKNOWN	422.0	15.0	407.0	463.0	-41.0	NO ACTION
Z-18	UNKNOWN	432.1	15.0	417.1	479.2	-47.1	NO ACTION
Z-19	BELLO ST	431.6	15.0	416.6	482.4	-50.8	NO ACTION
Z-20	UNKNOWN	415.0	15.0	400.0	515.5	-100.5	NO ACTION
Z-21	UNKNOWN	336.0	15.0	321.0	541.5	-205.5	NO ACTION
Z-134	AIRPORT SERVICE RD	340.4	10.0	330.4	328.6	11.8	NO ACTION
Z-217	ALAGETA ST	315.0	15.0	300.0	560.0	-245.0	NO ACTION
Z-218	CORENOSO ST	315.0	15.0	300.0	583.4	-268.4	NO ACTION
Z-219	AHAU LN	315.0	15.0	300.0	585.1	-270.1	NO ACTION
Z-220	MACHECHE AVE	315.0	15.0	300.0	599.7	-284.7	NO ACTION
Z-221	CHALAN NIYOK	315.0	15.0	300.0	602.4	-287.4	NO ACTION
Z-222	KAYON BINGA	315.0	15.0	300.0	604.0	-289.0	NO ACTION
Z-223	AIRPORT SERVICE RD	343.7	10.0	333.7	506.6	-162.9	NO ACTION
Z-224	AIRPORT SERVICE RD	360.0	10.0	350.0	516.3	-156.3	NO ACTION
Z-225	AIRPORT SERVICE RD	351.2	10.0	341.2	511.3	-160.1	NO ACTION
Z-226	AIRPORT SERVICE RD	360.0	10.0	350.0	555.7	-195.7	NO ACTION
Z-227	ARMY DR	367.0	17.0	350.0	567.8	-200.8	NO ACTION
Z-228	MENDIOKA ST	265.0	15.0	250.0	605.0	-340.0	NO ACTION
Z-229	MENDIOKA ST	265.0	15.0	250.0	605.0	-340.0	NO ACTION
Z-230	E ADDENG ST	264.6	15.0	249.6	605.0	-340.4	NO ACTION
Z-231	E ADDENG ST	265.0	15.0	250.0	605.0	-340.0	NO ACTION
Z-232	UNKNOWN	260.0	10.0	250.0	605.0	-345.0	NO ACTION
Z-233	E ADDENG ST	265.0	15.0	250.0	605.0	-340.0	NO ACTION
Z-234	ACHO LATTE ST	265.9	15.0	250.9	605.0	-339.0	NO ACTION
Z-235	UNKNOWN	286.3	10.0	276.3	605.0	-318.7	NO ACTION
Z-236	UNKNOWN	299.6	10.0	289.6	605.0	-305.3	NO ACTION
Z-237	CHANDO CT	302.1	10.0	292.1	605.0	-302.9	NO ACTION
Z-238	UNKNOWN	310.0	10.0	300.0	605.0	-295.0	NO ACTION
Z-260	CARNATION RD	415.0	15.0	400.0	605.0	-190.0	NO ACTION
Z-261	CHERRY BLOSSOM ST	415.0	15.0	400.0	605.0	-190.0	NO ACTION
Z-262	GARDENA AVE	415.0	15.0	400.0	605.0	-190.0	NO ACTION
Z-263	BANYAN ST	415.0	15.0	400.0	605.0	-190.0	NO ACTION
Z-264	FEDERICO ST	415.0	15.0	400.0	605.0	-190.0	NO ACTION
Z-265	DUENDES AVE	431.8	15.0	416.8	605.0	-173.1	NO ACTION
Z-266	UNKNOWN	454.1	15.0	439.1	605.0	-150.8	NO ACTION
Z-267	N SABANA BARRIGADA DR	585.6	15.0	570.6	605.0	-19.4	NO ACTION
Z-268	N SABANA BARRIGADA DR	598.6	15.0	583.6	605.0	-6.4	NO ACTION
Z-269	UNKNOWN	651.3	15.0	636.3	605.0	46.4	NO ACTION
Z-270	UNKNOWN	653.5	10.0	643.5	605.0	48.5	NO ACTION
Z-271	N SABANA BARRIGADA DR	637.8	15.0	622.8	602.6	35.2	NO ACTION
Z-272	UNKNOWN	595.8	10.0	585.8	591.9	3.9	NO ACTION
Z-273	UNKNOWN	506.6	10.0	496.6	567.0	-60.4	NO ACTION
Z-274	PETE CRUZ SR ST	438.1	15.0	423.1	539.6	-101.5	NO ACTION
Z-275	ARMY DR	426.3	17.0	409.3	532.0	-105.7	NO ACTION
Z-276	PANGELINAN WY	407.2	15.0	392.2	519.9	-112.7	NO ACTION
Z-277	ROSARIO LP	390.3	15.0	375.3	505.3	-114.9	NO ACTION
Z-278	AIRPORT SERVICE RD	378.8	10.0	368.8	498.3	-119.5	NO ACTION
Z-279	AIRPORT SERVICE RD	367.7	10.0	357.7	486.5	-118.8	NO ACTION
Z-280	AIRPORT SERVICE RD	360.0	10.0	350.0	471.7	-111.7	NO ACTION
Z-281	AIRPORT SERVICE RD	352.8	10.0	342.8	354.8	-1.9	NO ACTION
Z-282	AIRPORT SERVICE RD	360.0	10.0	350.0	410.9	-50.9	NO ACTION
Z-283	ARMY DR	367.0	17.0	350.0	418.1	-51.1	NO ACTION
Z-284	MACHECHE RD	364.5	15.0	349.5	448.5	-84.0	NO ACTION
Z-285	ALAGETA ST	319.8	15.0	304.8	464.2	-144.5	NO ACTION
Z-286	MENDIOKA ST	265.0	15.0	250.0	471.5	-206.5	NO ACTION
Z-287	ACHO LATTE ST	265.0	15.0	250.0	511.6	-246.6	NO ACTION
Z-288	UNKNOWN	268.3	15.0	253.3	518.1	-249.8	NO ACTION
Z-289	CHANDIHA ST	281.0	15.0	266.0	532.4	-251.5	NO ACTION
Z-295	AIRPORT SERVICE RD	361.1	10.0	351.1	340.8	20.3	NO ACTION
Z-296	AIRPORT SERVICE RD	367.4	10.0	357.4	347.5	19.9	NO ACTION
Z-297	PAPAYA LN	394.9	15.0	379.9	367.8	27.1	NO ACTION
Z-298	PANGELINAN WY	399.1	15.0	384.1	371.2	27.9	NO ACTION
Z-299	UNKNOWN	404.5	15.0	389.5	375.6	28.9	NO ACTION
Z-300	ARMY DR	420.9	17.0	403.9	389.7	31.2	NO ACTION
Z-301	OLD CORAL PIT RD	449.7	15.0	434.7	406.1	43.6	NO ACTION
Z-302	UNKNOWN	472.7	15.0	457.7	419.0	53.8	NO ACTION
Z-303	UNKNOWN	512.1	10.0	502.1	439.7	72.4	NO ACTION
Z-304	UNKNOWN	515.6	10.0	505.6	440.5	75.1	NO ACTION
Z-305	UNKNOWN	533.0	15.0	518.0	443.5	89.6	NO ACTION

RUNWAY 6R - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-306	UNKNOWN	624.7	15.0	609.7	470.5	154.2	NO ACTION
Z-307	N SABANA BARRIGADA DR	555.1	15.0	540.1	506.8	48.3	NO ACTION
Z-308	UNKNOWN	521.3	10.0	511.3	511.3	10.0	NO ACTION
Z-309	UNKNOWN	460.2	15.0	445.2	547.9	-87.7	NO ACTION
Z-310	S-32	425.5	15.0	410.5	558.8	-133.3	NO ACTION
Z-311	CARNATION LP	415.0	15.0	400.0	563.2	-148.2	NO ACTION
Z-312	UNKNOWN	410.0	10.0	400.0	572.5	-162.5	NO ACTION
Z-313	BANYAN ST	415.0	15.0	400.0	574.1	-159.1	NO ACTION
Z-314	GARDENA AVE	415.0	15.0	400.0	579.9	-164.9	NO ACTION
Z-315	CHERRY BLOSSOM ST	423.4	15.0	408.4	593.1	-169.6	NO ACTION
Z-316	CARNATION RD	426.3	15.0	411.3	596.8	-170.5	NO ACTION

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
7. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 6R
DEPARTURE SURFACE
DATA TABLES - B

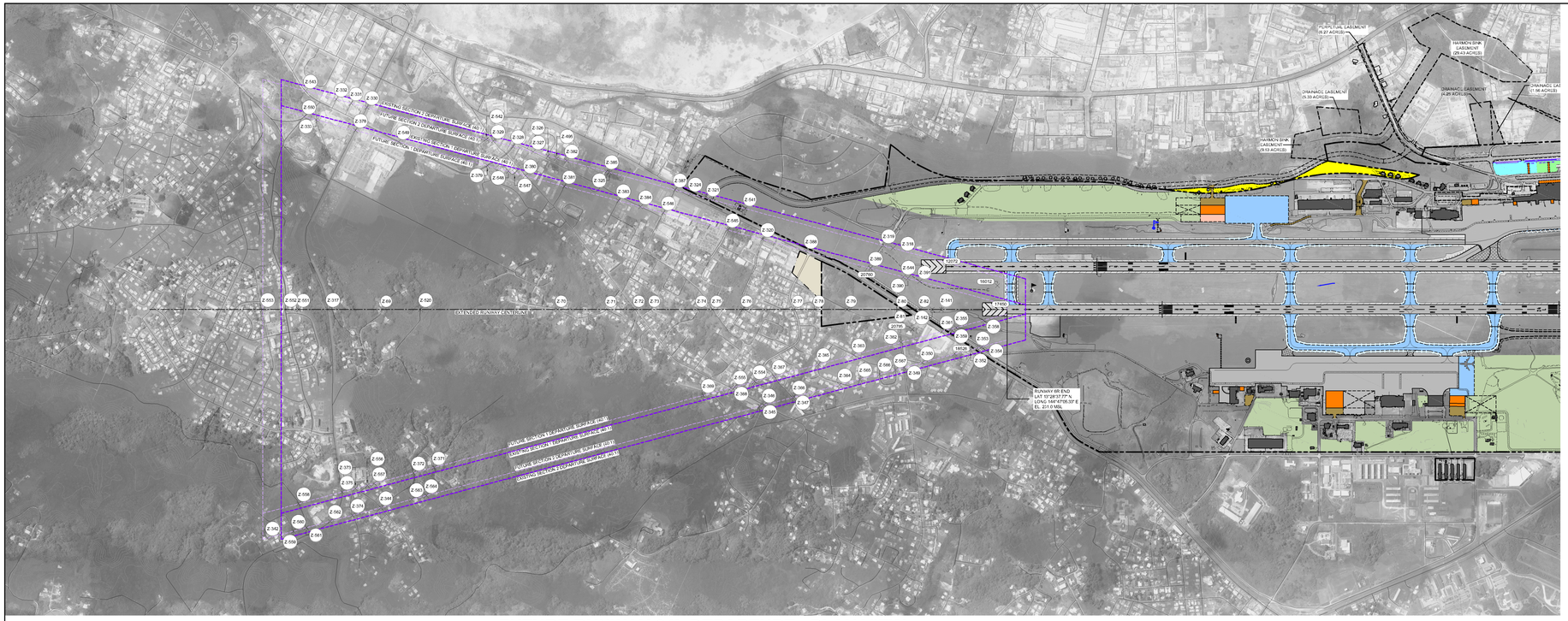
ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

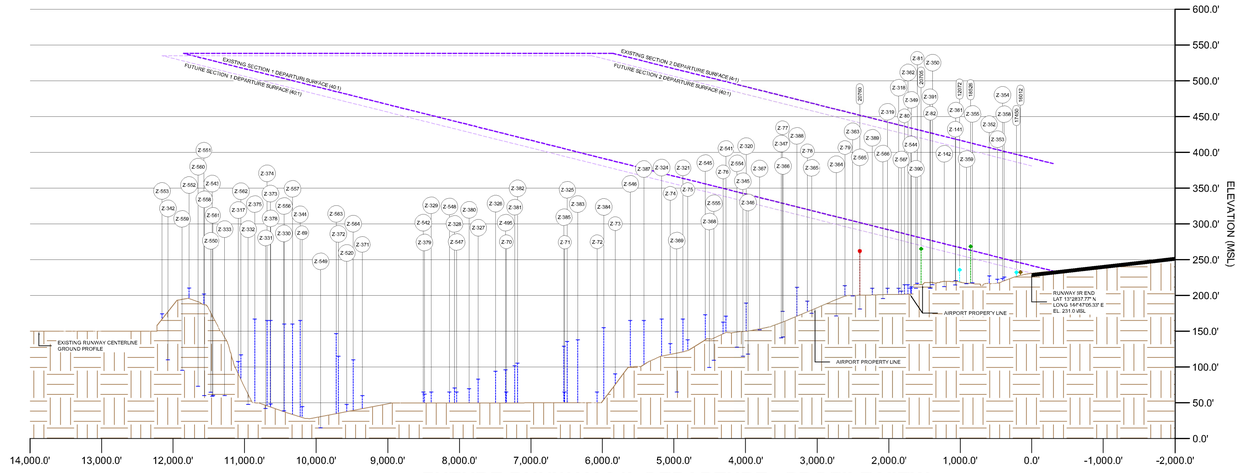
SHEET: 47 OF 51

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FUTURE RUNWAY 24L DEPARTURE - PLAN VIEW

HORIZONTAL SCALE : 1" = 1,000'



FUTURE RUNWAY 24L DEPARTURE - PROFILE VIEW

HORIZONTAL SCALE : 1" = 1,000'
VERTICAL SCALE : 1" = 100'

LEGEND

ITEM
AIRPORT PROPERTY LINE
FUTURE AIRPORT PROPERTY LINE
AIRFIELD PAVEMENT
FUTURE AIRFIELD PAVEMENT
AIRFIELD PAVEMENT TO BE REMOVED
AIRFIELD SHOULDER PAVEMENT
FUTURE AIRFIELD SHOULDER PAVEMENT
ON-AIRPORT BUILDINGS
FUTURE ON-AIRPORT BUILDINGS / STRUCTURES
OFF-AIRPORT BUILDINGS
ROADS & VEHICLE PARKING
FUTURE ROADS & VEHICLE PARKING
FENCE
EXTENDED RUNWAY CENTERLINE
DEPARTURE SURFACE (SURFACE 7)
FUTURE DEPARTURE SURFACE (SURFACE 7)
PROPOSED PROPERTY ACQUISITION
FUTURE AERONAUTICAL DEVELOPMENT
FUTURE NON-AERONAUTICAL DEVELOPMENT
AVIGATION EASEMENT
RUNWAY THRESHOLD LIGHTS
PAPI
WIND CONE
ASOS
ROTATING BEACON
AIRPORT REFERENCE POINT (ARP)
10' GROUND CONTOUR
VEGETATION: TREES

OBSTRUCTIONS LEGEND

ITEM		
TREE/BUSH	XXXX	◆
POLE	XXXX	●
GROUND	XXXX	◆
BUILDING	XXXX	■
FENCE	XXXX	×
TOWER/ANTENNA	XXXX	●
NAVAID	XXXX	▲
LIGHT	XXXX	◆
SIGN	XXXX	◆
OTHER	XXXX	●
ROAD/TRAVERSEWAY	Z-X	–

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWINGS PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NCDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. OBJECTS AND TRAVERSE WAYS ON THIS SHEET ARE EVALUATED FOR OBSTRUCTION STATUS AND PROPOSED DISPOSITION ON SHEET 49.
6. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
7. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
8. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).

NO.	REVISIONS	BY	APP.	DATE	NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
GRID NORTH
MAGNETIC DECLINATION = 9°23' (9.4") EAST (JANUARY 2023)
ANNUAL RATE OF CHANGE: 0° 1' (0.017") WEST / YEAR
1,000 0 1,000
HORIZONTAL SCALE IN FEET
SCALE : 1" = 1,000'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO B. WON PAT INTERNATIONAL AIRPORT GUAM
AFUGOT FUETTON BATKON AIREN GUAHAN ENTRENASYONAT

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L
DEPARTURE SURFACE DRAWING

ANTONIO B. WON PAT
INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 48 OF 51

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RUNWAY 24L - DEPARTURE APPROACH SURFACE OBSTRUCTIONS

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
12072	RUNWAY LIGHT	235.8	2.0	233.7	381.3	-145.6	NO ACTION
16012	GROUND	232.4	0.0	232.4	330.6	-98.2	NO ACTION
17450	RUNWAY LIGHT	232.3	5.7	226.6	236.4	-4.0	NO ACTION
18526	TREE	268.4	62.6	205.8	400.3	-131.9	NO ACTION
20705	TREE	265.1	65.1	200.0	269.7	-4.6	TRIM/REMOVE
20760	POLE	261.9	50.8	211.1	291.2	-29.3	NO ACTION

RUNWAY 24L - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-69	LUCIO RD	44.7	15.0	29.7	-441.4	486.2	NO ACTION
Z-70	CASIMIRU ST	65.0	15.0	50.0	-349.7	414.7	NO ACTION
Z-71	UNTALAN CT	65.0	15.0	50.0	-329.3	394.3	NO ACTION
Z-72	SGT ROY T DAMIAN JR ST	65.0	15.0	50.0	-318.0	383.0	NO ACTION
Z-73	JESUS CAMACHO ST	90.4	15.0	75.4	-286.2	376.7	NO ACTION
Z-74	TUBA ST	132.8	15.0	117.8	-224.6	357.3	NO ACTION
Z-75	MANIBUSAN ST	138.0	15.0	123.0	-213.3	351.3	NO ACTION
Z-76	ROBAT ST	162.7	15.0	147.7	-176.3	339.0	NO ACTION
Z-77	CHN R S SANCHEZ	177.9	15.0	162.9	-140.3	318.1	NO ACTION
Z-78	E MALATE ST	192.0	15.0	177.0	-117.5	309.5	NO ACTION
Z-79	RAMIREZ WY	213.8	15.0	198.8	-82.5	296.3	NO ACTION
Z-80	CANADA TOTO RD	215.0	15.0	200.0	-60.6	275.6	NO ACTION
Z-81	PURPLE HEART MEMORIAL HWY	217.0	17.0	200.0	-54.1	271.1	NO ACTION
Z-82	AIRPORT SERVICE RD	210.0	10.0	200.0	-56.5	266.5	NO ACTION
Z-141	AIRPORT SERVICE RD	214.8	10.0	204.8	-43.0	257.8	NO ACTION
Z-142	AIRPORT SERVICE RD	212.2	10.0	202.2	-49.4	261.7	NO ACTION
Z-317	N CHALAN CANTON TASI	107.6	17.0	90.6	-400.7	508.4	NO ACTION
Z-318	AIRPORT SERVICE RD	210.0	10.0	200.0	-217.7	427.7	NO ACTION
Z-319	AIRPORT SERVICE RD	210.0	10.0	200.0	-221.6	431.6	NO ACTION
Z-320	ROBAT ST	189.5	15.0	174.5	-141.4	330.9	NO ACTION
Z-321	EAST SUNSET BLVD	167.0	17.0	150.0	-336.1	503.1	NO ACTION
Z-324	PURPLE HEART MEMORIAL HWY	167.0	17.0	150.0	-343.4	510.4	NO ACTION
Z-325	N OLD G W RD	135.9	15.0	120.9	-399.1	535.0	NO ACTION
Z-326	CALLE V D PEREZ ST	94.2	15.0	79.2	-440.8	535.0	NO ACTION
Z-327	J A CAMACHO ST	83.0	15.0	68.0	-452.0	535.0	NO ACTION
Z-328	E O'BRIEN DR	70.7	15.0	55.7	-464.3	535.0	NO ACTION
Z-329	SGT ROY T DAMIAN JR ST	65.0	15.0	50.0	-470.0	535.0	NO ACTION
Z-330	N CHALAN CANTON TASI	38.7	17.0	21.7	-496.3	535.0	NO ACTION
Z-331	MARTYR ST	42.2	15.0	27.2	-492.8	535.0	NO ACTION
Z-332	ARCHBISHOP F C FLORES ST	47.7	15.0	32.7	-487.3	535.0	NO ACTION
Z-333	SAN RAMON ST	60.3	15.0	45.3	-452.8	513.1	NO ACTION
Z-342	UNKNOWN	110.0	10.0	100.0	-425.0	535.0	NO ACTION
Z-344	AFAME RD	165.0	15.0	150.0	-370.0	535.0	NO ACTION
Z-345	MESNGON ST	115.0	15.0	100.0	-367.0	482.0	NO ACTION
Z-346	SGT ROY T DAMIAN JR ST	118.1	15.0	103.1	-362.2	480.3	NO ACTION
Z-347	CABAYERO ST	140.8	15.0	125.8	-327.9	468.7	NO ACTION
Z-349	CANADA TOTO RD	211.9	15.0	196.9	-211.2	423.1	NO ACTION
Z-350	KINA CT	215.0	15.0	200.0	-200.8	415.8	NO ACTION
Z-352	PURPLE HEART MEMORIAL HWY	227.4	17.0	210.4	-168.5	396.0	NO ACTION
Z-353	AIRPORT SERVICE RD	222.6	10.0	212.6	-170.4	393.0	NO ACTION
Z-354	AIRPORT SERVICE RD	223.8	10.0	213.8	-167.4	391.2	NO ACTION
Z-355	AIRPORT SERVICE RD	217.8	10.0	207.8	-34.0	251.8	NO ACTION
Z-358	AIRPORT SERVICE RD	225.8	10.0	215.8	-14.8	240.6	NO ACTION
Z-359	AIRPORT SERVICE RD	216.3	10.0	206.3	-37.6	253.9	NO ACTION
Z-361	PURPLE HEART MEMORIAL HWY	220.6	17.0	203.6	-37.0	257.6	NO ACTION
Z-362	CANADA TOTO RD	215.0	15.0	200.0	-59.3	274.3	NO ACTION
Z-363	CALLE PAQUITO ST	199.4	15.0	184.4	-94.2	293.7	NO ACTION
Z-364	CALLE DAMIAN CIRCLE	171.4	15.0	156.4	-278.0	449.4	NO ACTION
Z-365	CALLE DAMIAN CIRCLE	174.9	15.0	159.9	-133.1	308.0	NO ACTION
Z-366	CABAYERO ST	142.0	15.0	127.0	-326.0	468.0	NO ACTION
Z-367	CABAYERO ST	152.1	15.0	137.1	-174.1	326.2	NO ACTION
Z-368	SGT ROY T DAMIAN JR ST	99.4	15.0	84.4	-244.4	343.8	NO ACTION
Z-369	TORRES ST	65.0	15.0	50.0	-290.1	355.1	NO ACTION
Z-371	S-2	60.0	10.0	50.0	-405.1	465.1	NO ACTION
Z-372	S SPRING LN	115.0	15.0	100.0	-358.4	473.4	NO ACTION
Z-373	AFAME RD	165.0	15.0	150.0	-332.2	497.2	NO ACTION
Z-374	DASO RD	165.0	15.0	150.0	-370.0	535.0	NO ACTION
Z-375	N CHALAN CANTON TASI	167.0	17.0	150.0	-335.6	502.6	NO ACTION
Z-378	N CHALAN CANTON TASI	48.5	17.0	31.5	-448.6	497.1	NO ACTION
Z-379	E O'BRIEN DR	62.3	15.0	47.3	-381.1	443.3	NO ACTION

RUNWAY 24L - FUTURE TRAVERSE WAY DATA

OBJECT ID	DESCRIPTION	OBJECT ELEVATION		GROUND ELEVATION (MSL)	DEPARTURE		PROPOSED DISPOSITION
		MSL	AGL		SURFACE ELEVATION (MSL)	SURFACE PENETRATION	
Z-380	SGT ROY T DAMIAN JR ST	69.9	15.0	54.9	-357.9	427.8	NO ACTION
Z-381	SOUTH OLD G W RD	101.7	15.0	86.7	-310.2	411.8	NO ACTION
Z-382	UNKNOWN	105.5	10.0	95.5	-429.5	535.0	NO ACTION
Z-383	J A CAMACHO ST	138.2	15.0	123.2	-251.6	389.7	NO ACTION
Z-384	J A CAMACHO ST	155.0	15.0	140.0	-225.7	380.7	NO ACTION
Z-385	UNKNOWN	129.2	10.0	119.2	-405.8	535.0	NO ACTION
Z-387	S BIANG ST	165.0	15.0	150.0	-351.7	516.7	NO ACTION
Z-388	PURPLE HEART MEMORIAL HWY	211.2	17.0	194.2	-101.9	313.1	NO ACTION
Z-389	AIRPORT SERVICE RD	210.0	10.0	200.0	-76.8	286.8	NO ACTION
Z-390	AIRPORT SERVICE RD	210.0	10.0	200.0	-61.6	271.6	NO ACTION
Z-391	AIRPORT SERVICE RD	210.5	10.0	200.5	-56.2	266.7	NO ACTION
Z-495	UNKNOWN	96.0	10.0	86.0	-439.0	535.0	NO ACTION
Z-520	S-11	47.8	10.0	37.8	-422.8	470.5	NO ACTION
Z-541	UNKNOWN	171.0	10.0	161.0	-317.1	488.1	NO ACTION
Z-542	JQ SAN MIGUEL ELEMENTARY SCHOOL LN	65.0	15.0	50.0	-470.0	535.0	NO ACTION
Z-543	W O'BRIEN DR	59.2	15.0	44.2	-475.8	535.0	NO ACTION
Z-544	AIRPORT SERVICE RD	210.0	10.0	200.0	-63.4	273.4	NO ACTION
Z-545	PATERNO ST	173.2	15.0	158.2	-172.0	345.2	NO ACTION
Z-546	S BIANG ST	165.0	15.0	150.0	-206.4	371.4	NO ACTION
Z-547	MARTINEZ LN	65.0	15.0	50.0	-367.2	432.2	NO ACTION
Z-548	MARTINEZ LN	65.0	15.0	50.0	-369.7	434.7	NO ACTION
Z-549	W O'BRIEN DR	15.2	15.0	0.2	-464.5	479.6	NO ACTION
Z-550	CHALAN OBISPO	64.7	15.0	49.7	-453.4	518.1	NO ACTION
Z-551	ERON LN	202.1	15.0	187.1	-318.3	520.4	NO ACTION
Z-552	SEN GIBSON CT	210.5	15.0	195.5	-315.1	525.6	NO ACTION
Z-553	E CHN GUMAYUUS ST	174.3	15.0	159.3	-360.7	535.0	NO ACTION
Z-554	CHN R S SANCHEZ	127.9	15.0	112.9	-206.2	334.1	NO ACTION
Z-555	ANGA ST	109.6	15.0	94.6	-232.6	342.2	NO ACTION
Z-556	S-1	160.0	10.0	150.0	-332.4	492.4	NO ACTION
Z-557	S-8	160.0	10.0	150.0	-329.5	489.5	NO ACTION
Z-558	UNKNOWN	60.0	10.0	50.0	-460.3	520.3	NO ACTION
Z-559	S-24	95.3	10.0	85.3	-439.7	535.0	NO ACTION
Z-560	CHIN CHAOT ST	73.2	15.0	58.2	-461.8	535.0	NO ACTION
Z-561	UNKNOWN	60.6	10.0	50.6	-474.5	535.0	NO ACTION
Z-562	N CHALAN CANTON TASI	117.0	17.0	100.0	-418.0	535.0	NO ACTION
Z-563	UNKNOWN	146.8	10.0	136.8	-388.2	535.0	NO ACTION
Z-564	UNKNOWN	110.0	10.0	100.0	-425.0	535.0	NO ACTION
Z-565	CALLE DAMIAN CIRCLE	181.2	15.0	166.2	-260.0	441.2	NO ACTION
Z-566	CALLE DUENAS ST	195.8	15.0	180.8	-237.4	433.2	NO ACTION
Z-567	CALLE DUENAS ST	206.2	15.0	191.2	-220.6	426.8	NO ACTION

NOTES:

1. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B). DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
2. MAGNETIC DECLINATION OBTAINED ONLINE AT HTTP://WWW.NGDC.NOAA.GOV/GEOMAG-WEB/#DECLINATION.
3. ALL LOCAL ZONING AND AIRSPACE PROTECTION IS GOVERNED BY THE SUPREME COURT OF GUAM, COMPILER OF LAWS, TITLE 21 - REAL PROPERTY, CHAPTER 61 - ZONING LAW.
4. OBSTACLES WERE EVALUATED USING 2022 AIRPORT AIRSPACE ANALYSIS OBSTRUCTION SURVEY DATA.
5. FOR CLARITY, ONLY CRITICAL OBSTRUCTIONS, DEFINED AS THE HIGHEST OBSTRUCTION WITHIN A 500' x 500' GRID, ARE SHOWN. CRITICAL OBJECT CRITERIA ARE DERIVED FROM ADVISORY CIRCULAR 150/5300-18B, *GENERAL GUIDANCE AND SPECIFICATIONS FOR SUBMISSION OF AERONAUTICAL SURVEYS TO NGS: FIELD DATA COLLECTION AND GEOGRAPHIC INFORMATION SYSTEM (GIS) STANDARDS*, SECTION 2.7.1.6.
6. AS PER FAR PART-77.17(B), APPROACH SURFACE CLEARANCES ARE BASED ON TRAVERSE WAY ELEVATIONS PLUS THE TRAVERSE WAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS).
7. EXISTING ON-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2022 AIRPORT AIRSPACE ANALYSIS SURVEY DATA. OFF-AIRPORT GROUND CONTOURS AND TRAVERSE WAYS ARE BASED ON 2013 COASTAL AND MARINE SPATIAL PLANNING DATA FROM THE NAVAL POSTGRADUATE SCHOOL, DEPARTMENT OF OCEANOGRAPHY (HTTPS://WWW.OC.NPS.EDU/CMSP/GUAM/).
8. TO ACCOUNT FOR GROWTH SINCE SURVEY, TREES WITHIN 10 FEET OF PENETRATING A SURFACE IS ASSIGNED A PROPOSED DISPOSITION OF TRIM/REMOVE

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR. 0°22' E
(9.4")

MAGNETIC DECLINATION = 9°23' (9.4") EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017") WEST / YEAR

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

FUTURE RUNWAY 24L DEPARTURE SURFACE DATA TABLES

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 49 OF 51

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OFF-AIRPORT LAND USE LEGEND

- RESIDENTIAL - SINGLE FAMILY DWELLING
- RESIDENTIAL - MULTIPLE FAMILY DWELLING
- COMMERCIAL
- P.U.D. - PLANNED UNIT DEVELOPMENT
- HOTEL RESORT
- AGRICULTURAL
- LIMITED LIGHT INDUSTRIAL
- MILITARY
- UNZONED AIRPORT
- DRAINAGE FEATURE

SOURCE: 2010 SURVEY

ON-AIRPORT LAND USE LEGEND

- AIRFIELD OPERATIONS
- PASSENGER TERMINAL FACILITIES
- GENERAL AVIATION FACILITIES
- CARGO FACILITIES
- AIRPORT SUPPORT FACILITIES
- FUTURE AERONAUTICAL DEVELOPMENT
- FUTURE NON-AERONAUTICAL DEVELOPMENT
- FUTURE CARGO FACILITIES

SOURCE: AECOM, 2023.

LEGEND

	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
ON-AIRPORT BUILDINGS		
OFF-AIRPORT BUILDINGS		SAME
RUNWAY SAFETY AREA	RSA	RSA
RUNWAY PROTECTION ZONE		
LOCALIZER CRITICAL AREA		SAME
GLIDE SLOPE CRITICAL AREA		
PAPI		
THRESHOLD LIGHTS		
WIND SOCK		SAME
SCHOOL		SAME
CHURCH		SAME
PARK		SAME
NOISE CONTOUR	65 DNL	SAME
GOVERNMENT MUNICIPALITY		SAME
EASEMENT		SAME

NOTES:

1. FOR HEIGHT RESTRICTION CODES SEE 2019 GUAM STATUTES, TITLE 21 - REAL PROPERTY, DIVISION 2 - REGULATION OF REAL PROPERTY USES, CHAPTER 61 - ZONING LAW, ARTICLE 4 - HEIGHT REGULATIONS.
2. SOME INCOMPATIBLE LAND USES EXIST WITHIN THE EXISTING RUNWAY 6L AND 6R APPROACH RUNWAY PROTECTION ZONES AND ALSO WITHIN THE EXISTING RUNWAY 24L AND 24R DEPARTURE RUNWAY PROTECTION ZONES.

PACIFIC OCEAN

PACIFIC OCEAN

TAMUNING

DEDEDO

HAGATNA

MONGMONG-TOTO-MAITE

SINAJANA

CHALAN PAGO-ORDOT

MANGILAO

BARRIGADA

MANGILAO

ROUTE 1

ROUTE 4

ROUTE 33

ROUTE 30

ROUTE 8

ROUTE 10A

ROUTE 16

ROUTE 27A

ROUTE 27

ROUTE 10

CHALAN SAN ANTONIO

S. MARINE CORPS. DR. - ROUTE 1

HARMON SINK EASEMENT

HARMON INDUSTRIAL PARK RD.

PALE SAN VITORES RD.

FUTURE PROPERTY LINE

AIRPORT PROPERTY LINE

E. SUNSET BLVD.

TIYAN PKWY

SGT ROY T. DAMAN JR. ST.

AVIGATION EASEMENT

KANADA TOTO LOOP RD.

PIPELINE RD.

HUENEME RD.

SOUTH APRON

NEPTUNE AVE.

MARINER AVE.

SEAGULL AVE.

CORSAIR AVE.

COMMERCIAL PASSENGER TERMINAL APRON

FUEL FARM

RUNWAY 6L-24R 12,014' x 150'

RUNWAY 6R-24L 10,014' x 150'

TW A

TW B

TW C

TW D

TW E

TW F

TW G

TW H

TW J

TW K

TW L

65 DNL

70 DNL

75 DNL

ALAGETA ST.

BELLO RD.

TUN PEDRO MARIA BENAVENTE ST.

25 MACHECHE RD.

N. SABANA

S. SABANA BARRIGADA DR.

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E (9.4°)

MAGNETIC DECLINATION = 9°23' (9.4°) EAST
(JANUARY 2023)
ANNUAL RATE OF CHANGE:
0°1' (0.017°) WEST / YEAR

1000 0 1000
HORIZONTAL SCALE IN FEET
SCALE : 1" = 600'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

AECOM

LAND USE PLAN

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM

DRAWN: RJM/MNE CHECKED: WBS

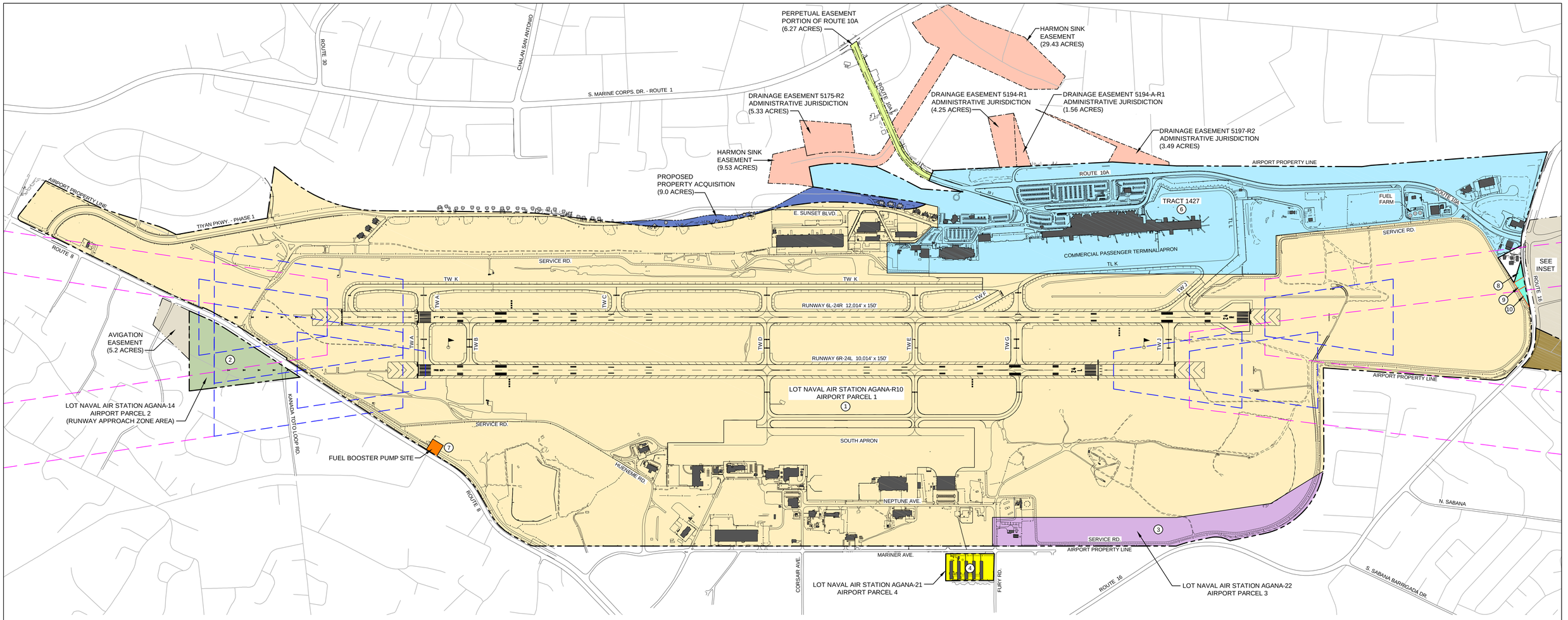
PROJECT MANAGER: EDL

PROJECT DIRECTOR: DS

DATE: 06/23

SHEET: 50 OF 51

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LEGEND

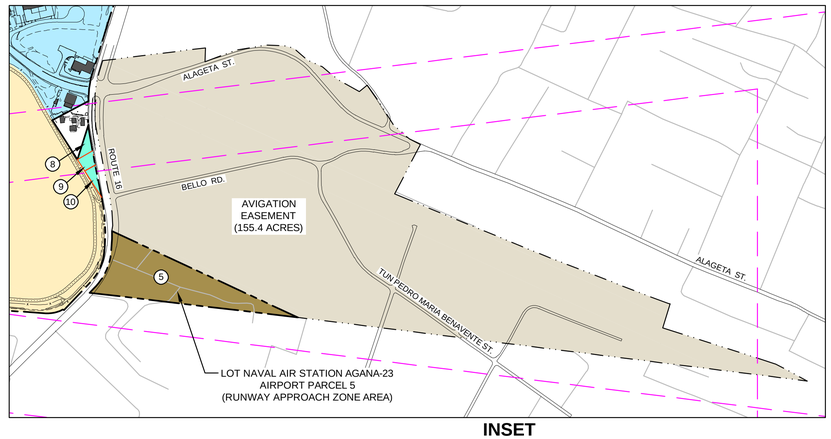
- AIRPORT PARCEL 1 (1,348.07± ACRES)
- AIRPORT PARCEL 2 (18.77± ACRES)
- AIRPORT PARCEL 3 (35.14± ACRES)
- AIRPORT PARCEL 4 (4.60± ACRES)
- AIRPORT PARCEL 5 (10.10± ACRES)
- FUEL BOOSTER PUMP SITE (0.61± ACRES)
- TRACT 1427 (236.04± ACRES)
- LOTS 5223-7-1, 5223-7-2, & 5223-7-R2 (TOTAL 0.86± ACRES)
- TOTAL AIRPORT PARCELS (1,654.19± ACRES)
- AVIGATION EASEMENTS (TOTAL 160.6± ACRES)
- PERPETUAL EASEMENT - PORTION OF ROUTE 10A (6.27± ACRES)
- DRAINAGE EASEMENTS - ADMINISTRATIVE JURISDICTION (53.59± ACRES)
- PROPOSED PROPERTY ACQUISITION (9.0± ACRES)
- PROPERTY PARCEL
- AIRPORT PROPERTY LINE
- FUTURE AIRPORT PROPERTY LINE
- ON-AIRPORT BUILDING
- OFF-AIRPORT BUILDING
- FENCE
- RUNWAY PROTECTION ZONE
- RUNWAY PART 77 APPROACH SURFACE

PROPERTY ACQUISITION TABLE

MAP REF. NO.	DESCRIPTION	METHOD OF ACQUISITION	ACREAGE
1	LOT NAVAL AIR STATION AGANA R10 AIRPORT PARCEL 1	QUITCLAIM DEED (UNITED STATES NAVY)	1,348.07±
2	LOT NAVAL AIR STATION AGANA 14 AIRPORT PARCEL 2	QUITCLAIM DEED (UNITED STATES NAVY)	18.77±
3	LOT NAVAL AIR STATION AGANA 22 AIRPORT PARCEL 3	QUITCLAIM DEED (UNITED STATES NAVY)	35.14±
4	LOT NAVAL AIR STATION AGANA 21 AIRPORT PARCEL 4	QUITCLAIM DEED (UNITED STATES NAVY)	4.60±
5	LOT NAVAL AIR STATION AGANA 23 AIRPORT PARCEL 5	QUITCLAIM DEED (UNITED STATES NAVY)	10.10±
6	TRACT 1427 (EXCLUDING LOT 1, BLOCK 5, TRACT 1427 - FORMERLY LOT 5148-5-G)	LAND CONDEMNATION, DIRECT PURCHASE, AND DEED OF CONVEYANCE (GOVERNMENT OF GUAM)	236.04±
7	FUEL BOOSTER PUMP SITE	QUITCLAIM DEED (UNITED STATES NAVY)	0.61±
8	LOT 5223-7-R2	WARRANTY DEED	0.43±
9	LOT 5223-7-2	WARRANTY DEED	0.18±
10	LOT 5223-7-1	WARRANTY DEED	0.25±

NOTES:

1. ALL ELEVATIONS ARE IN FEET (MSL).
2. HORIZONTAL DATUM NAD83 (MA11), VERTICAL DATUM GUVD04 (GEOID 12B).
3. DRAWING PREPARED IN UTM ZONE 55 NORTH (US FOOT) COORDINATE SYSTEM.
4. PROPERTY INFORMATION TAKEN FROM GIAA PROPERTY MAP PREPARED BY A.B. WON PAT INTERNATIONAL AIRPORT GUAM ENGINEERING DIVISION AND OTHER MISCELLANEOUS DOCUMENTS PROVIDED BY GIAA.



INSET

NO.	REVISIONS	BY	APP.	DATE

NO.	REVISIONS	BY	APP.	DATE

TRUE NORTH
VAR 9°23' E (9.4°)

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600 0 600
HORIZONTAL SCALE IN FEET
SCALE : 1" = 600'

PREPARED FOR

A. B. WON PAT INTERNATIONAL AIRPORT GUAM
ANTONIO BORJA WON PAT INTERNATIONAL AIRPORT GUAHAN

A. B. WON PAT INTERNATIONAL AIRPORT AUTHORITY, GUAM

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AIRPORT PROPERTY MAP

ANTONIO B. WON PAT INTERNATIONAL AIRPORT

DESIGNED: GAM
DRAWN: RJM/MNE CHECKED: WBS
PROJECT MANAGER: EDL
PROJECT DIRECTOR: DS
DATE: 06/23
SHEET: 51 OF 51

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