

Western-Pacific Region Office of Airports Phoenix Airports District Office

3800 N. Central Avenue Suite 1025, 10<sup>th</sup> Floor Phoenix, AZ 85012

December 20, 2018

Jim Bennett Director of Aviation Services City of Phoenix Aviation Department 2485 E Buckeye Rd Phoenix, AZ 85034

Dear Mr Bennett,

The Phoenix Goodyear Airport Layout Plan (ALP), prepared by Armstrong Consultants, and bearing your signature, is approved and the master plan is accepted. A signed copy of the approved ALP is enclosed.

An aeronautical study (no.2018-AWP-3128-NRA) was conducted on the proposed development. This determination does not constitute FAA approval or disapproval of the physical development involved in the proposal. It is a determination with respect to the safe and efficient use of navigable airspace by aircraft and with respect to the safety of persons and property on the ground.

In making this determination, the FAA has considered matters such as the effects the proposal would have on existing or planned traffic patterns of neighboring airports, the effects it would have on the existing airspace structure and projected programs of the FAA, the effects it would have on the safety of persons and property on the ground, and the effects that existing or proposed manmade objects (on file with the FAA), and known natural objects within the affected area would have on the airport proposal.

The FAA has only limited means to prevent the construction of structures near an airport. The airport sponsor has the primary responsibility to protect the airport environs through such means as local zoning ordinances, property acquisition, avigation easements, letters of agreement or other means.

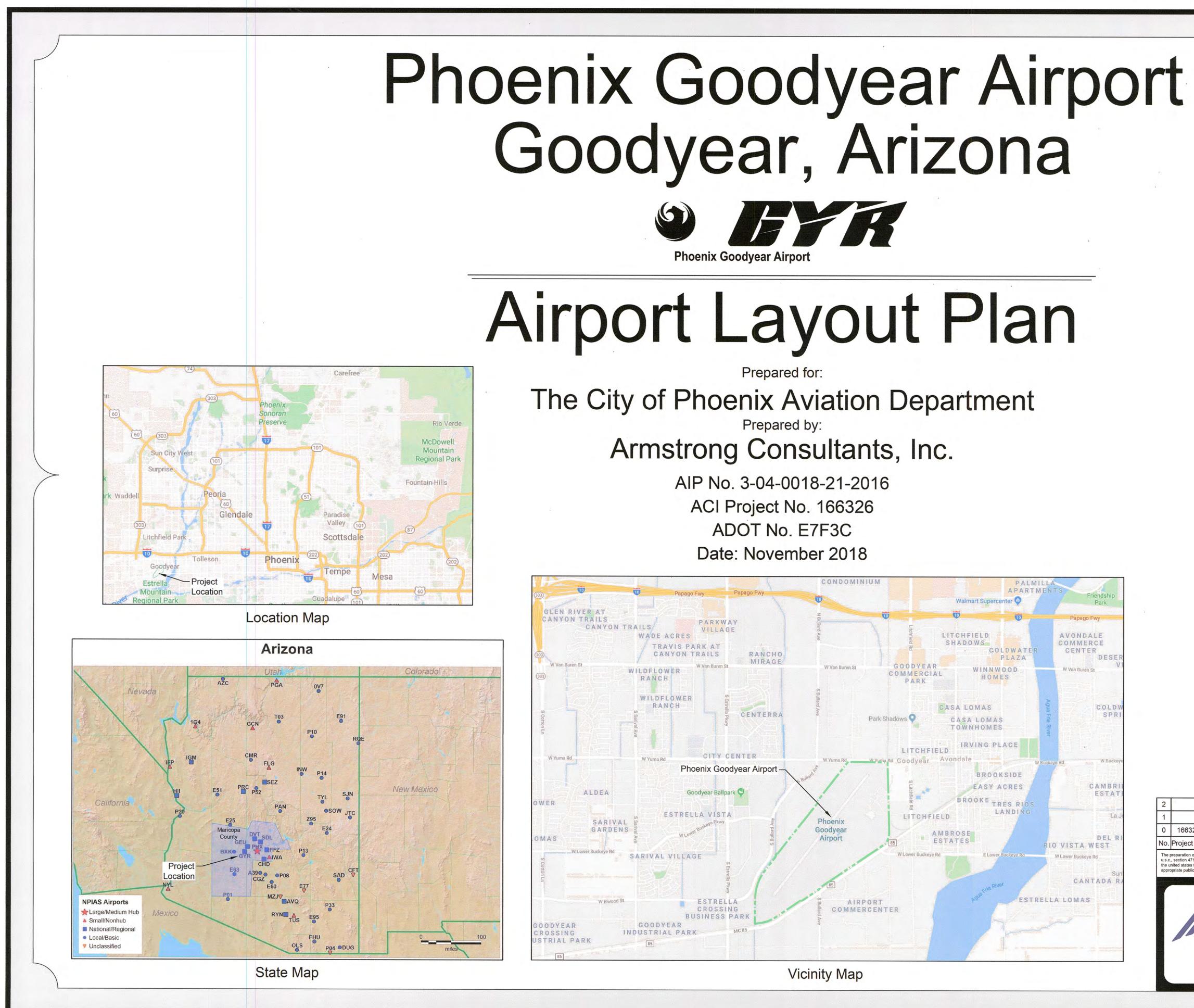
This ALP approval is conditioned on acknowledgement that any development on airport property requiring Federal environmental approval must receive such written approval from FAA prior to commencement of the subject development. This ALP approval is also conditioned on acceptance of the plan under local land use laws. We encourage appropriate agencies to adopt land use and height restrictive zoning based on the plan. Approval of the plan does not indicate that the United States will participate in the cost of any development proposed. AIP funding requires evidence of eligibility and justification at the time a funding request is ripe for consideration. When construction of any proposed structure or development indicated on the plan is undertaken, such construction requires normal 45-day advance notification to FAA for review in accordance with applicable Federal Aviation Regulations (i.e., Parts 77, 157, 152, etc.). More notice is generally beneficial to ensure that all statutory, regulatory, technical and operational issues can be addressed in a timely manner.

Please attach this letter to the Airport Layout Plan and retain it in the airport. We wish you great success in your plans for the development of the airport.

Sincerely,

MS NW-

Mike N Williams Manager, Phoenix Airports District Office





Phoenix Aviation Department Approva 12/13/1

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		Cover Sheet	1			
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		(E = Existing, F = Future)				
166326	11/2018	Original Issue	6326501	BKR	CW	PK

ARMSTRONG PLANNING ENGINEERING CONSTRUCTION GRAND JUNCTION, CO: 970.242.0101 PHOENIX, AZ: 602.803.7079 DENVER, CO: 303.296.4949 ALBUQUERQUE, NM: 505.508.2192 www.armstrongconsultants.com

ITEM				RWY 3/21 - FUTURE (F)		
	ITEM		EXISTING (E)		. ,	
		3	21	3	21	
RUNWAY DESIGN CODE		D-IV / 5000	D-IV / VIS	SAME	D-IV / 5000	
	· · · ·		/ 5000		ME	
DEPARTURE REFERENC	E CODE (DPRC)	D·	-IV	SA	ME	
	SURFACE MATERIAL / STRENGTH BY WHEEL LOADING (LBS)					
	FIRST 800' OF RUNWAY 3	385.0-DTW;	6.0-SW; 235.0-DW; 870.0-DDTW	SA	ME	
SURFACE MATERIAL, PAVEMENT STRENGTH	3-21 (INSIDE OF THE RUNWAY)	505.0-DTW;	0-SW; 225.0-DW; 989.0-DDTW	SA	ME	
& MATERIAL TYPE	FIRST 200' FEET OF RUNWAY 21		6.0-SW; 240.0-DW; 953.0-DDTW	SA	ME	
	PCN (FOR BEARING STRENGTH OF 12,500 LBS OR GREATER)	66 / F /	B/W/T	100 / F /	B / W / T	
	SURFACE TREATMENT	GROOVED ASP	HALT OVERLAY	SA	ME	
	EFFECTIVE (%)	0.	32	SA	ME	
RUNWAY GRADIENT	MAXIMUM (%)	0.	90	SA	ME	
	LINE OF SIGHT MET (Y OR N)		Y	SA	ME	
PERCENT WIND	D-IV (ALL WEATHER) 10.5 KTS (%)	97	.13	SA	ME	
COVERAGE	D-IV (ALL WEATHER) 20 KTS (%)	99	.92	SA	ME	
RUNWAY DIMENSIONS (I	FT)	8,500	x 150	SA	ME	
RUNWAY SAFETY	Y SAFETY WIDTH (FT)		500		ME	
AREA (RSA)	LENGTH BEYOND RUNWAY END (FT)	1000	1000	SAME	SAME	
	RUNWAY END LATITUDE	N 33° 24' 50.72"	N 33° 25' 56.90"	SAME	SAME	
	RUNWAY END LONGITUDE	W 112° 23' 02.23"	W 112° 22' 00.37"	SAME	SAME	
COORDINATES (NAD 83)	DISPLACED THRESHOLD LAT.	N/A	N/A	SAME	SAME	
	DISPLACED THRESHOLD LONG.	N/A	N/A	SAME	SAME	
	RUNWAY END (FT)	942.8	969.1	SAME	SAME	
	DISPLACED THRESHOLD (FT)	N/A	N/A	SAME	SAME	
RUNWAY ELEVATIONS (NAVD 88)	TOUCHDOWN ZONE (TDZ) (FT)	954.6	969.1	SAME	SAME	
(	HIGH POINT (FT)	) 969.1		SA	SAME	
	LOW POINT (FT)	942.8		SAME		
RUNWAY LIGHTING TYP	E	MIRL		SAME		
RUNWAY PROTECTION 2	ZONE (RPZ) (FT)	1,700' x 500' x 1,010'	1,700' x 500' x 1,010'	SAME	SAME	
RUNWAY MARKING TYPI	Ξ	PRECISION	PRECISION	SAME	SAME	
	APPROACH TYPE	NON-PRECISION	VISUAL	SAME	NON-PRECISIO	
14 CFR PART 77	VISIBILITY MINIMUMS	1 MILE	VISUAL	SAME	1 MILE	
APPROACH SURFACES	APPROACH SURFACE DIMENSIONS (FT)	500 x 3,500 x 10,000	500 x 1,500 x 5,000	SAME	500 x 3,500 x 10,0	
	APPROACH SURFACE SLOPE	34:1	20:1	SAME	34:1	
TYPE OF AERONAUTICA	L SURVEY REQUIRED FOR APPROACH	NV	′GS	SA	ME	
RUNWAY DEPARTURE S	URFACE (YES OR N/A)	YES	YES	SAME	SAME	
RUNWAY OBJECT FREE	WIDTH (FT)	8	00	SA	ME	
AREA (ROFA)	LENGTH BEYOND RUNWAY END (FT)	1000	1000	SAME	SAME	
OBSTACLE FREE ZONE	WIDTH (FT)	4	00	SA	ME	
(OFZ)	LENGTH BEYOND RUNWAY END (FT)	200	200	SAME	SAME	
	DIMENSIONS (FT)	800 x 3,800 x 10,000	400 x 1,000 x 10,000	SAME	800 x 3,800 x 10,0	
THRESHOLD SITING SURFACE (TSS)	SLOPE	34:1	20:1	SAME	34:1	
	PENETRATIONS	NONE	NONE	NONE	YES	
		İ	•		•	

HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD 83); VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88). ELEVATIONS & RUNWAY END COORDINATES FROM WOOLPERT SURVEY DATA DATED 06/2017.

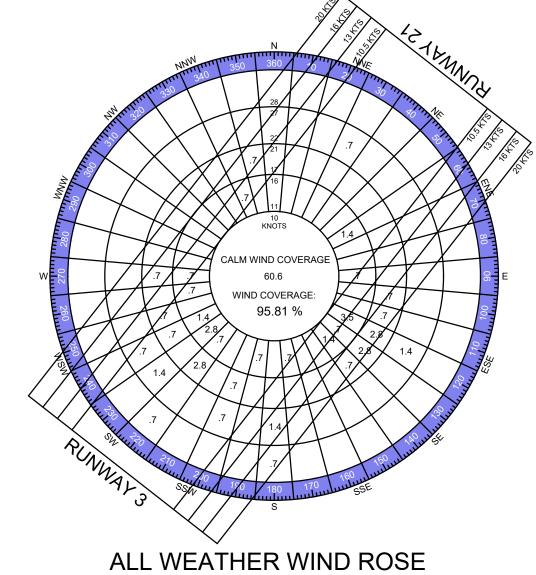
TAXIWAY AND TAXILANE DIMENSIONS										
TAXIWAYS AND TAXILANES	EXISTING (TWY A, A1 - A10)	FUTURE (TWY A, A1 - A10)	FUTURE RAMP 1 - 4	FUTURE RAMP 8	FUTURE (TWY B, B1-B					
AIRPLANE DESIGN GROUP (ADG)	ADG IV	SAME	ADG IV	ADG II	ADG II					
TAXIWAY AND TAXILANE DESIGN GROUP (TDG)	TDG 5	SAME	TDG 5	TDG 2	TDG 2					
TAXIWAY AND TAXILANE WIDTH (FT)	75	SAME	75	50	35					
TAXIWAY AND TAXILANE SAFETY AREA (FT)	171	SAME	171	79	79					
TAXIWAY / TAXILANE OBJECT FREE AREA (FT)	259	SAME	259	131 / 115	131 / 115					
TAXIWAY AND TAXILANE SEPARATION (FT)	215	SAME	215	105	105					
TAXIWAY AND TAXILANE LIGHTING	MITL	SAME	MITL	MITL	MITL					

MODIFICATION TO STANDARDS APPROVAL									
DESCRIPTION	STANDARD TO BE MODIFIED	EXISTING	PROPOSED	PROPOSED ACTION	AIRSPACE CASE NO.	APPROVA DATE			
NONE REQUIRED									

	AIRPORT	DATA	
ITE	M	EXISTING (E)	FUTURE (F)
AIRPORT REFERENCE CODE (AR	C)	D-IV	SAME
MEAN MAX. TEMP OF HOTTEST M	IONTH (°F) (JULY)	106.9	SAME
AIRPORT ELEVATION (MSL, FT) (M	IAVD 88) *	969.1	SAME
AIRPORT NAVIGATIONAL AIDS		ATCT, BEACON, PAPI'S, REIL'S, SEGMENTED CIRCLE	SAME
AIRPORT REFERENCE POINT	LATITUDE	N 33° 25' 23.81"	SAME
(ARP) COORDINATES (NAD 83) LONGITUDE		W 112° 22' 31.30"	SAME
MISCELLANEOUS FACILITIES		WIND CONES, SWS	SAME
	ARC	D-IV	SAME
	AIRCRAFT	BOEING 767-300	SAME
ARC AND CRITICAL AIRCRAFT	WINGSPAN (FT)	156.2	SAME
	UNDERCARRIAGE WIDTH (FT)	35.8	SAME
	APPROACH SPEED (KTS)	140	SAME
	VARIATION	10° 24' EAST	TBD
AIRPORT MAGNETIC VARIATION	DATE	3/28/2018	TBD
	SOURCE	NOAA	TBD
NPIAS SERVICE LEVEL		RELIEVER	SAME
STATE EQUIVALENT SERVICE		RELIEVER	SAME

ELEVATIONS FROM WOOLPERT SURVEY DATA DATED 06/2017.

		LEG	END
DESCRIPTION	EXISTING	FUTURE	DESCRIPT
AIRFIELD DEVELOPMENT	ASPHALT CONCRETE	PAVEMENT	THRESHOLD LIGHTS
STRUCTURE/FACILITIES (BUILDING)			REIL
AIRPORT PROPERTY LINE (APL)		SAME	PAPI
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)	AIRPORT BEACON
OBSTACLE FREE ZONE (OFZ)	OFZ(E)	OFZ(F)	WIND CONE & SEGMEN
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)	SUPPLEMENTAL WIND
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)	SURFACE WEATHER SY
BUILDING RESTRICTION LINE (BRL)	BRL(E)	BRL(F)	SECTION CORNER
TAXIWAY SAFETY AREA (TSA)	TSA(E)	TSA(F)	CONTOURS
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA(E)	TOFA(F)	MARKINGS
AIRPORT EASEMENT	N/A		FENCING
AIRPORT REFERENCE POINT (ARP)	•	SAME	HELIPAD
TO BE REMOVED	N/A		VEHICLE SERVICE ROA
SIGNIFICANT OBJECT	0	SAME	PUBLIC ROAD
COMPASS ROSE		SAME	AUTOMOBILE PARKING
WASH	·····	- SAME	RAILROAD



20 KNOT WIND ROSE - ARC: D-IV

RUNWAY 3-21 WIND COVERAGE								
CROSSWIND COMPONENT	VFR COVERAGE	IFR COVERAGE	ALL CC					
10.5 KNOTS	97.20%	78.91%						
13 KNOTS	98.81%	83.23%						
16 KNOTS	99.73%	88.74%						
20 KNOTS	99.94%	95.81%						
OURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINIS								

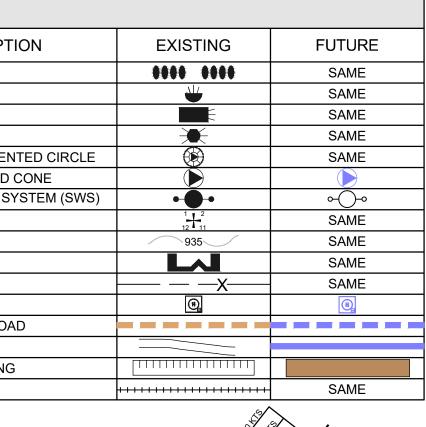
SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL CLIMATIC DATA CENTER (NCDC); STATIÓN: PHOENIX GOODYEAR AIRPORT; 969' MSL; TIME PERIOD: 2006-2015; NUMBER OF OBSERVATIONS: 37,730

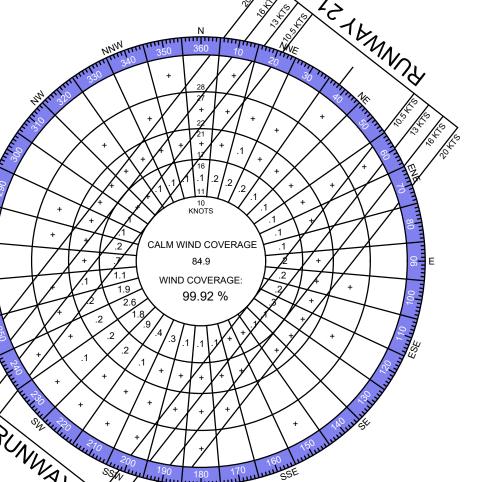
	RUNWAY OPERATIONAL DIRECTION	TORA	TODA	ASDA	LDA	STOPWAY PROVIDED	CLEARWYAY PROVIDED	FAA APPROVAL DATE		1
	3	8,500'	8,500'	8,500'	8,500'	NO	NO	N/A	<u>-</u> 	
EXISTING	21	8,500'	8,500'	8,500'	8,500'	NO	NO	N/A	) 166326	11/2
EUTUDE	3	8,500'	8,500'	8,500'	8,500'	NO	NO	N/A	Project No	b. Da
FUTURE	FUTURE 21 8,500' 8,500' 8,500' NO NO N/A								THE PREPARATIO	N OF THIS
	KEOFF RUN AVAILA DING DISTANCE AVA		A = TAKE	OFF DIST	ANCE AV	AILABLE; ASDA =	ACCELATED STO	P DISTANCE AVAILABLE;	FINANCIAL ASSIST CONTENTS DO NO DOES NOT IN ANY DEPICTED THERE HAVE JUSTIFICATION	WAY CON

SAME N-PRECISION

1 MILE x 3,500 x 10,000 34:1

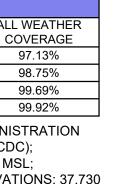
x 3,800 x 10,000 34:1





# IFR WIND ROSE

20 KNOT WIND ROSE - ARC: D-IV



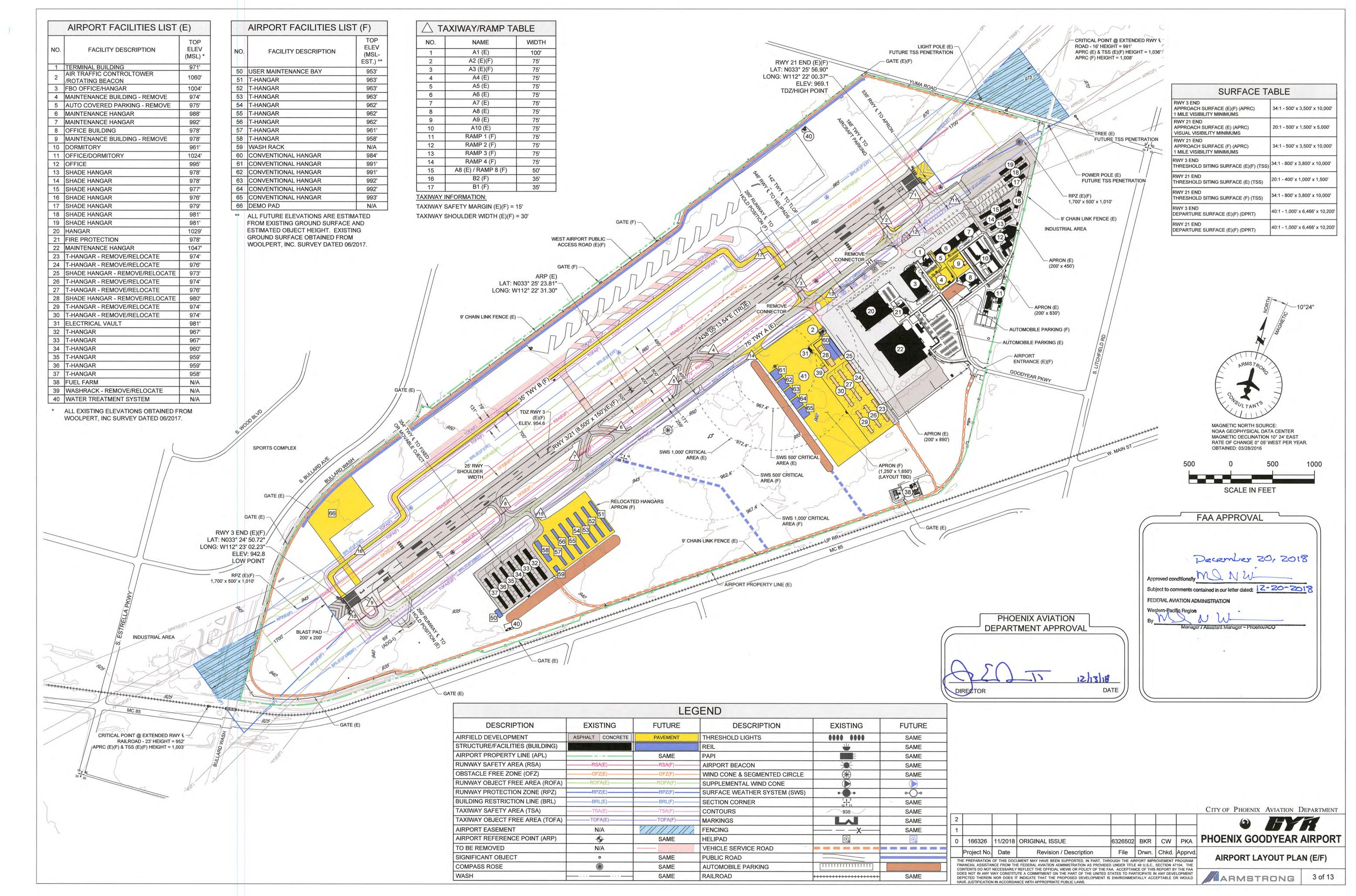
NOTE: IFR CONDITIONS OCCUR APPROXIMATELY 0.37% OF EACH YEAR

1/2018	ORIGINAL ISSUE	6326502	BKR	CW	PKA			
Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.	1		
THIS DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM E FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER TITLE 49 U.S.C., SECTION 47104. THE CESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA (CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT OR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE OR WOULD (ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.								

CITY OF PHOENIX AVIATION DEPARTMENT

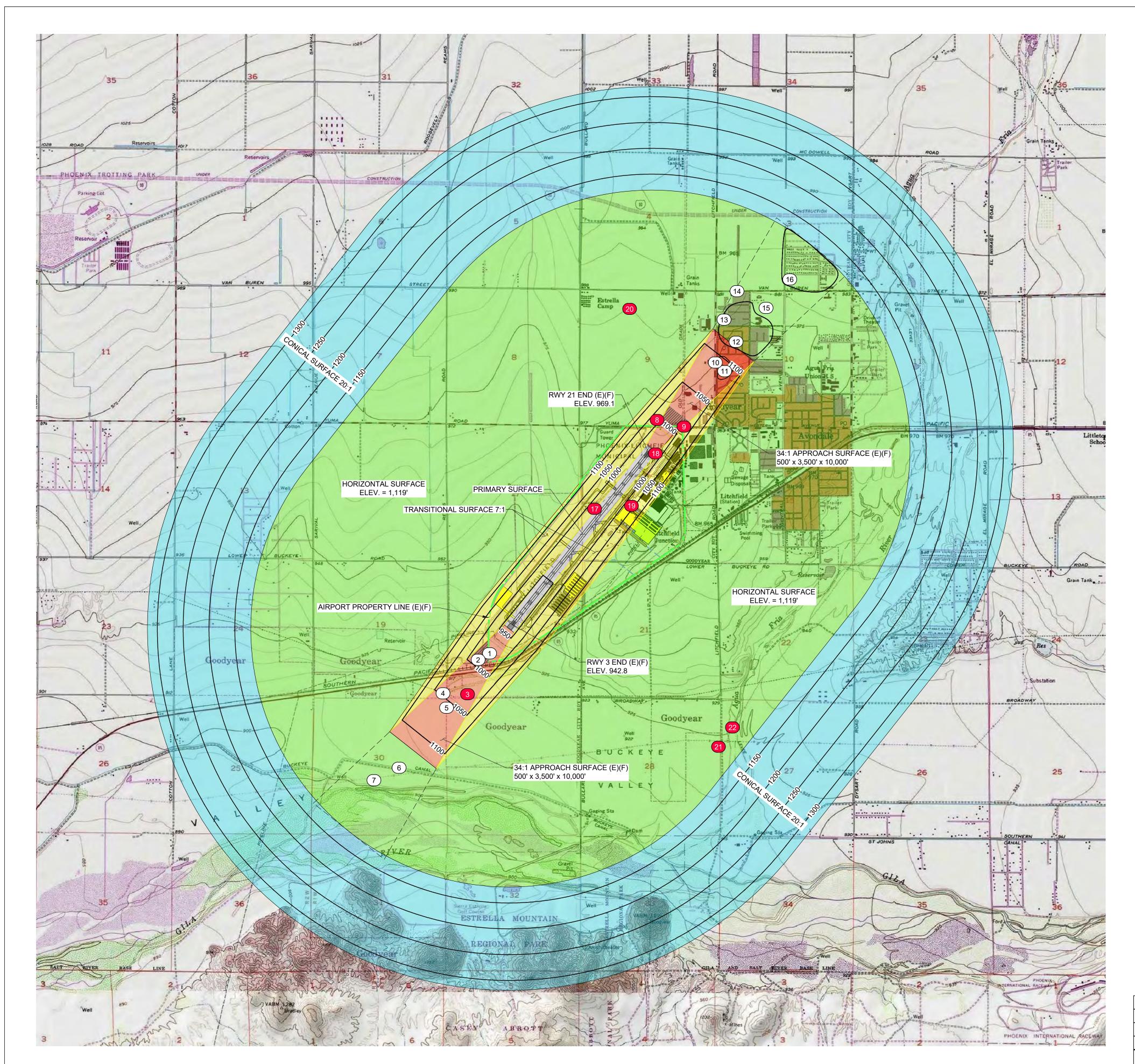
PHOENIX GOODYEAR AIRPORT AIRPORT DATA SHEET

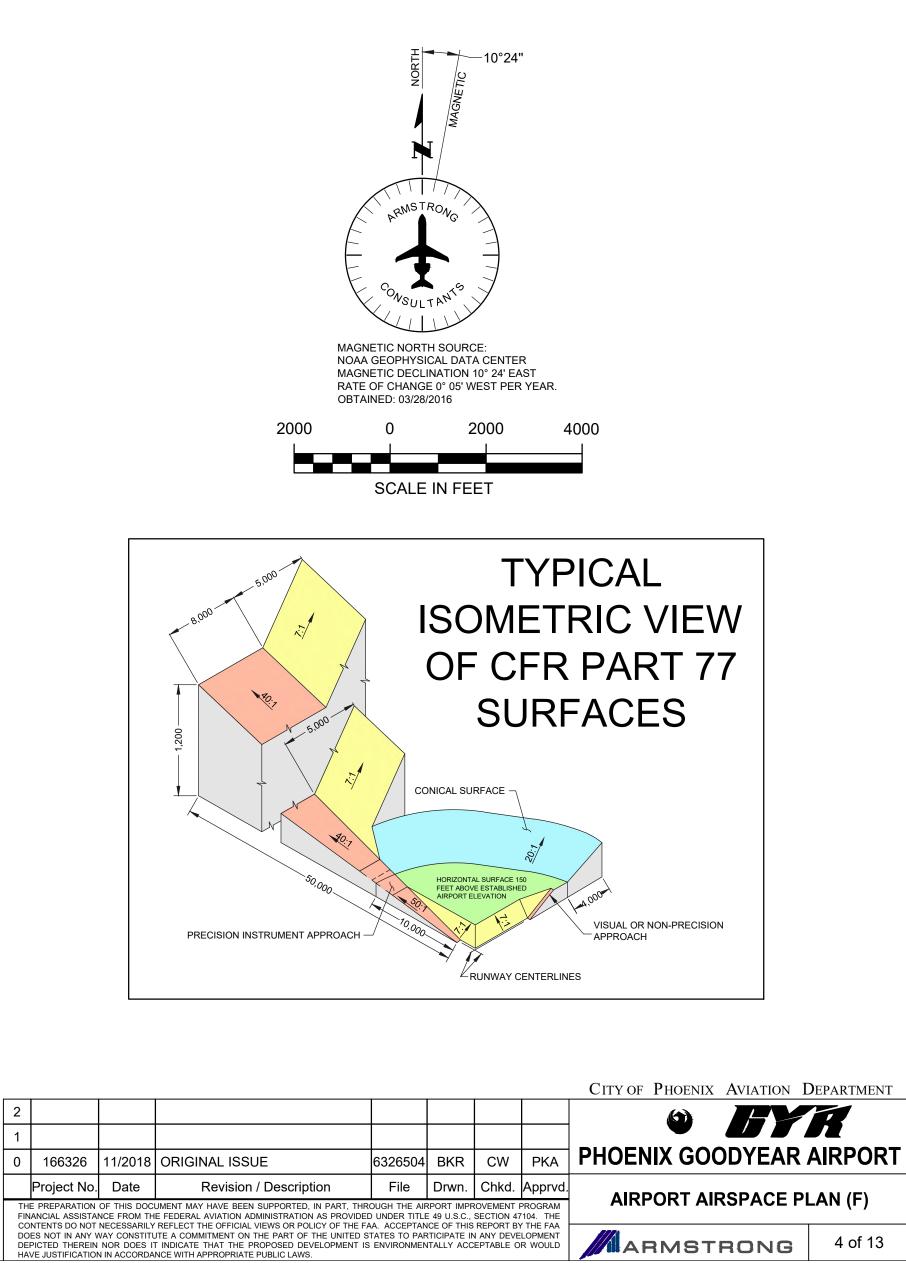
ARMSTRONG 2 of 13

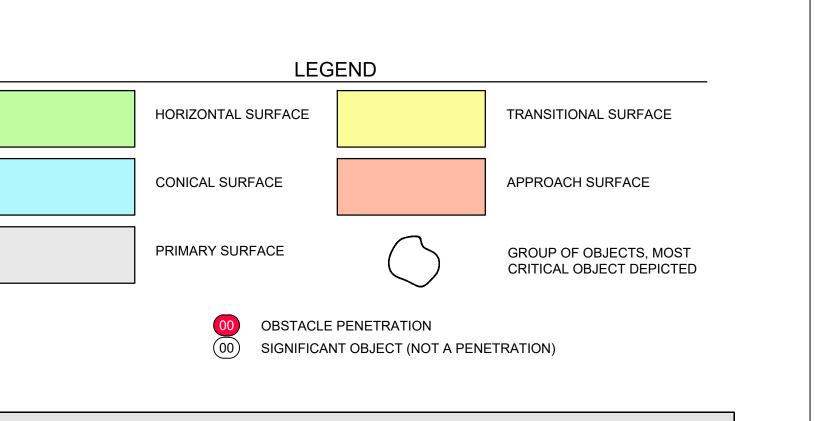


	HHHH	T	
HHHH		GATE (E)	1
/			

			END	LEG		
	FUTURE	EXISTING	DESCRIPTION	FUTURE	EXISTING	DESCRIPTION
	SAME	0000 0000	THRESHOLD LIGHTS	PAVEMENT	ASPHALT CONCRETE	FIELD DEVELOPMENT
	SAME	¥	REIL			RUCTURE/FACILITIES (BUILDING)
	SAME		PAPI	SAME		PORT PROPERTY LINE (APL)
_	SAME	*	AIRPORT BEACON	RSA(F)	RSA(E)	WAY SAFETY AREA (RSA)
	SAME		WIND CONE & SEGMENTED CIRCLE	OFZ(F)	OFZ(E)	STACLE FREE ZONE (OFZ)
			SUPPLEMENTAL WIND CONE	ROFA(F)	ROFA(E)	WAY OBJECT FREE AREA (ROFA)
	°-O-°	••••	SURFACE WEATHER SYSTEM (SWS)	RPZ(F)	RPZ(E)	WAY PROTECTION ZONE (RPZ)
	SAME		SECTION CORNER	BRL(F)	BRL(E)-	LDING RESTRICTION LINE (BRL)
	SAME	935	CONTOURS	TSA(F)	TSA(E)	(IWAY SAFETY AREA (TSA)
2	SAME		MARKINGS	TOFA(F)	TOFA(E)	(IWAY OBJECT FREE AREA (TOFA)
1	SAME	X	FENCING	11/1/1/1	N/A	PORT EASEMENT
0 166326	R	R	HELIPAD	SAME	•	PORT REFERENCE POINT (ARP)
Project No.			VEHICLE SERVICE ROAD		N/A	BE REMOVED
THE PREPARATION			PUBLIC ROAD	SAME	0	NIFICANT OBJECT
FINANCIAL ASSISTA CONTENTS DO NOT		[11111111111111111111111111111111111111	AUTOMOBILE PARKING	SAME		MPASS ROSE
DOES NOT IN ANY A DEPICTED THEREIN HAVE JUSTIFICATION	SAME	+++++++++++++++++++++++++++++++++++++++	RAILROAD	SAME		SH







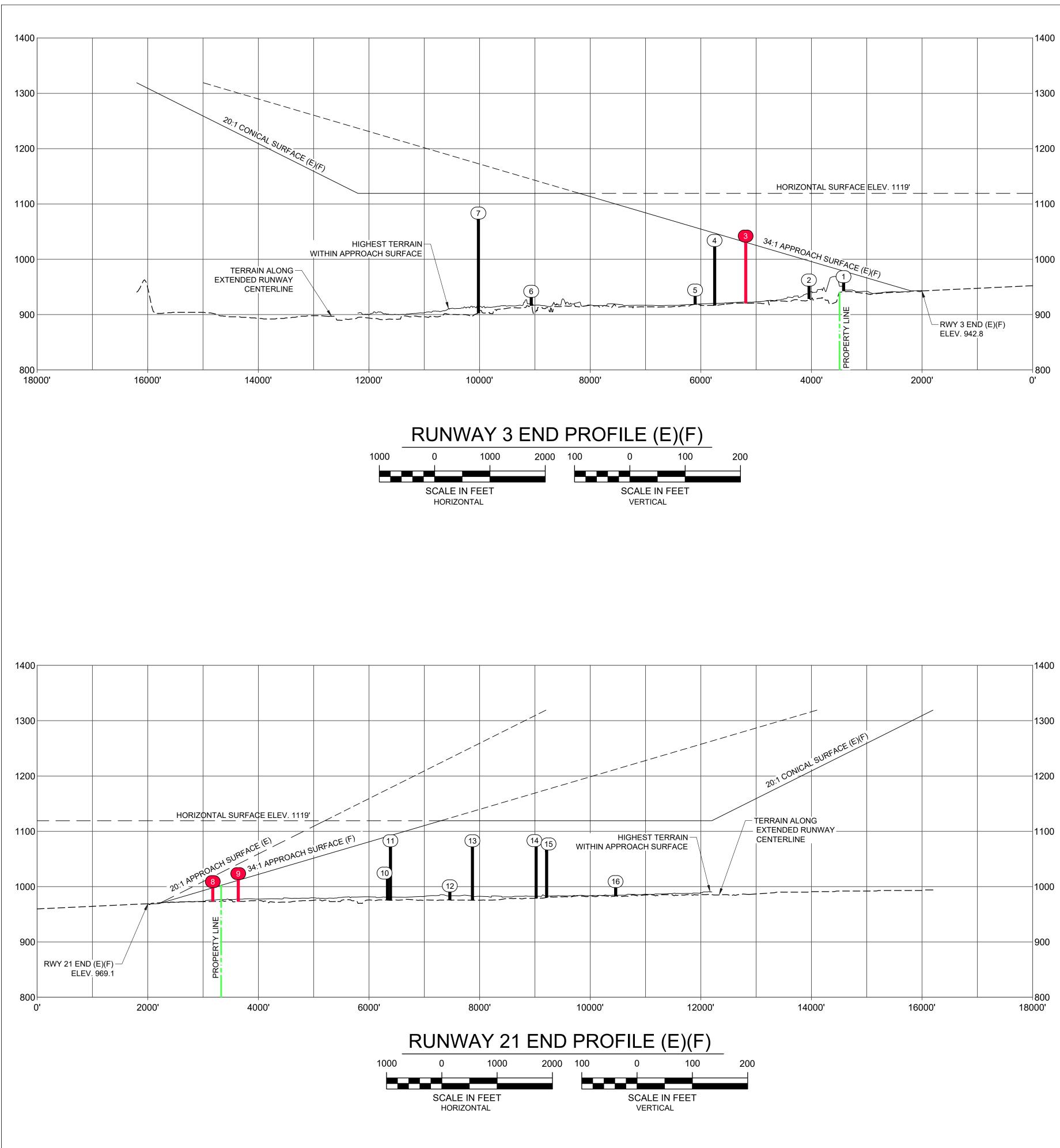
# NOTES

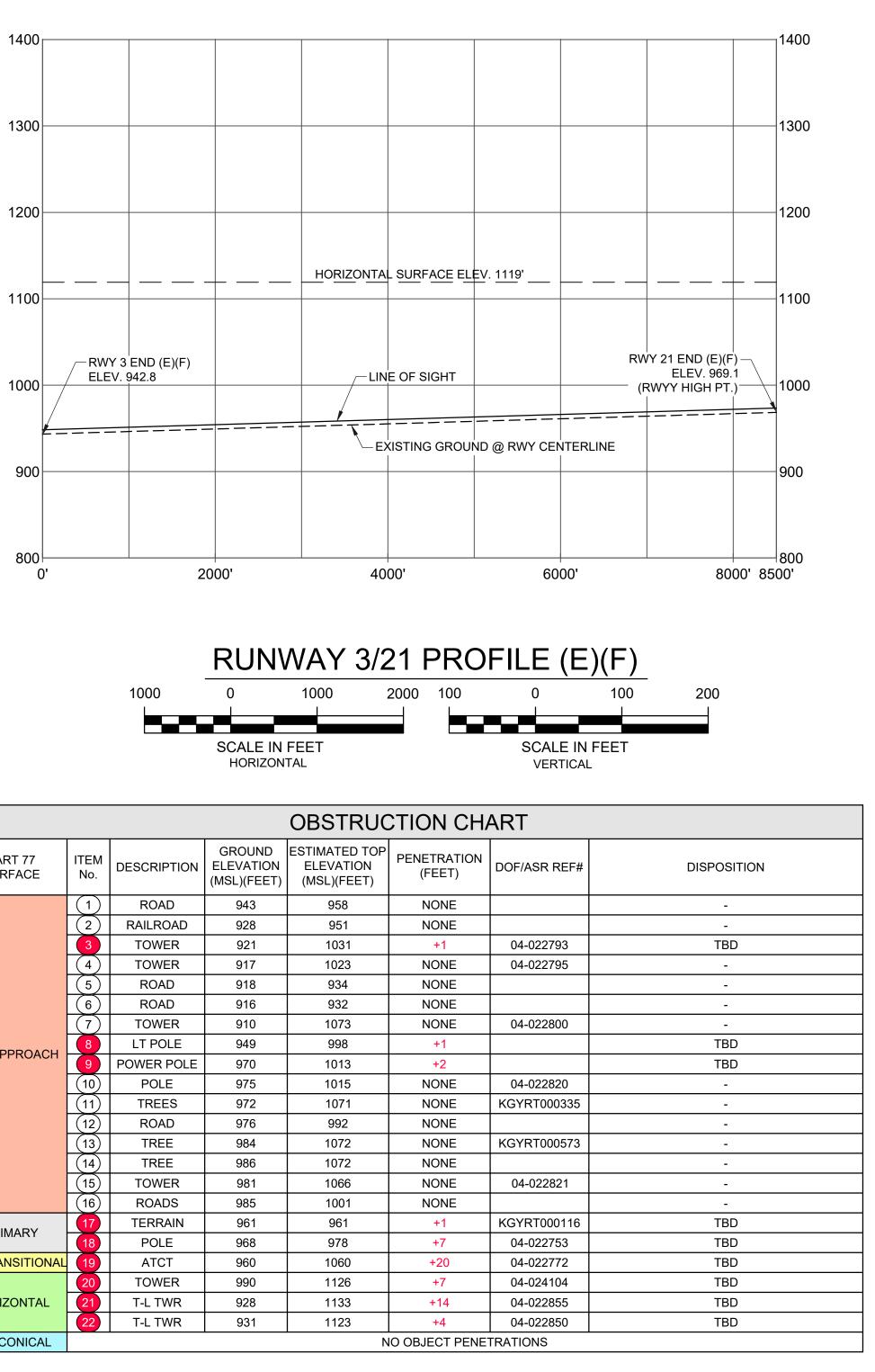
A. REFER TO "INNER PORTION OF THE APPROACH SURFACE" DRAWINGS FOR DETAILS ON ANY CLOSE-IN APPROACH PENETRATIONS.

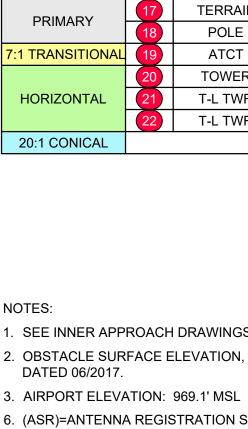
B. NO LOCAL ZONING REQUIREMENTS. 14 CFR PART 77 REQUIRES CONSTRUCTION ON OR NEAR AIRPORT TO REQUEST FAA AIRSPACE ANALYSIS. AN FAA FORM 7460-1, "NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION" MUST BE SUBMITTED FOR ANY CONSTRUCTION OR ALTERATION (INCLUDING HANGARS AND OTHER ON-AIRPORT AND OFF-AIRPORT STRUCTURES, TOWERS, ETC.) WITHIN 20,000 HORIZONTAL FEET OF THE AIRPORT GREATER IN HEIGHT THAN AN IMAGINARY SURFACE EXTENDING OUTWARD AND UPWARD FROM THE RUNWAY AT A SLOPE OF 100 TO 1 OR GREATER IN HEIGHT THAN 200 FEET ABOVE GROUND LEVEL.

C. ALL SURFACES BASED ON EXISTING AND FUTURE CONDITIONS.

D. PENETRATIONS WERE IDENTIFIED USING AN AERONAUTICAL SURVEY AND AIRPORT AIRSPACE ANALYSIS SURVEY BY WOOLPERT, INC. DATED 06/2017.







3. AIRPORT ELEVATION: 969.1' MSL

2

0 166326

DATED 06/2017.

1. SEE INNER APPROACH DRAWINGS FOR OBSTRUCTIONS TO RPZ. SEE DEPARTURE DRAWINGS FOR OBSTRUCTIONS TO DEPARTURES. 2. OBSTACLE SURFACE ELEVATION, OBSTACLE HEIGHT, TOP ELEVATION AND OBJECT PENETRATIONS FROM AGIS SURVEY BY WOOLPERT INC.,

NOTES:

PART 77 SURFACE	ITEM No.	DESCRIPT
	(1)	ROAD
	2	RAILROA
	3	TOWEF
	4	TOWEF
	(5)	ROAD
	6	ROAD
	(7)	TOWEF
34:1 APPROACH	8	LT POLI
34:1 APPROACH	9	POWER PO
	(10)	POLE
	(11)	TREES
	(12)	ROAD
	(13)	TREE
	(14)	TREE
	(15)	TOWEF
	(16)	ROADS
PRIMARY	17	TERRAI
	18	POLE
7:1 TRANSITIONAL	19	ATCT
	20	TOWEF
HORIZONTAL	21	T-L TWI
	22	

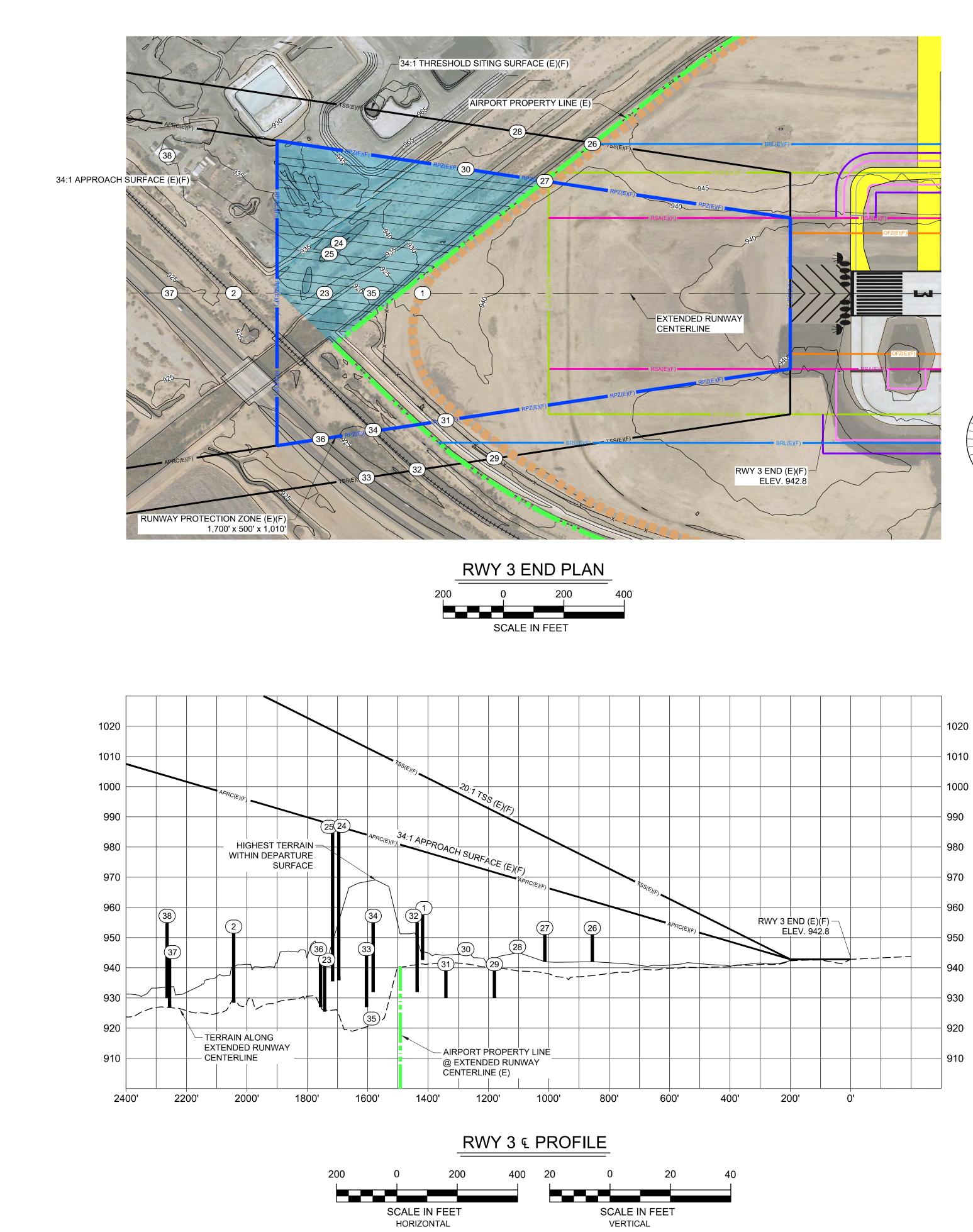
6. (ASR)=ANTENNA REGISTRATION SYSTEM. (DOF)=DIGITAL OBSTACLE FILE.

CITY OF PHOENIX AVIATION DEPARTMENT

2								o Fy			
1											
0	166326	11/2018	ORIGINAL ISSUE	6326504	BKR	CW	PKA	PHOENIX GOODYEAR			
	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.	AIRPORT AIRSPACE PRO			
FIN	FINANCIAL ASSISTANCE FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER TITLE 49 U.S.C., SECTION 47104. THE										
DO	THE PREPARATION OF THIS DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM										
HA\	E JUSTIFICATION	N IN ACCORDA	NCE WITH APPROPRIATE PUBLIC LAWS.								

• **FYR OENIX GOODYEAR AIRPORT RPORT AIRSPACE PROFILES (F)** 

5 of 13



SURFACE T	ABLE		
RWY 3 END APPROACH SURFACE (E)(F) (APRC) 1 MILE VISIBILITY MINIMUMS	34:1 - 500' x 3,500' x 10,000'		
RWY 3 END THRESHOLD SITING SURFACE (E)(F) (TSS)	34:1 - 800' x 3,800' x 10,000'		

, C -10°24'

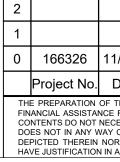
MAGNETIC NORTH SOURCE: NOAA GEOPHYSICAL DATA CENTER

OBTAINED: 03/28/2016

MAGNETIC DECLINATION 10° 24' EAST

RATE OF CHANGE 0° 05' WEST PER YEAR.

lo.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	20:1 TSS PEN.	34:1 APRC SURFACE PEN.	DISPOSITION		
1)	ROAD	15'	958'	NONE	NONE	N/A		
2)	RAILROAD	23'	951'	NONE	NONE	N/A		
23)	ROAD	15'	942'	NONE	NONE	N/A		
24)	TREE	47'	985'	NONE	NONE	N/A		
25)	TREE	49'	985'	NONE	NONE	N/A		
26)	FENCE	9'	951'	NONE	NWS	N/A		
27)	FENCE	9'	951'	NONE	NONE	N/A		
28)	WASH	0	945'	NONE	NWS	N/A		
29)	FENCE	9'	939'	NONE	NWS	N/A		
30)	WASH	0	944'	NONE	NONE	N/A		
31)	FENCE	9'	939'	NONE	NONE	N/A		
32)	RAILROAD	23'	954'	NONE	NWS	N/A		
33)	HIGHWAY	17'	946'	NONE	NWS	N/A		
34)	RAILROAD	23'	955'	NONE	NONE	N/A		
35)	WASH	0	921'	NONE	NONE	N/A		
36)	HIGHWAY	17'	944'	NONE	NONE	N/A		
37)	HIGHWAY	17'	944'	NONE	NONE	N/A		
38)	BUILDING	25'	955'	NONE	NONE	N/A		
NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88). OBJECT TOP ELEVATIONS AND LOCATIONS ARE BASED ON A SURVEY BY: WOOLPERT, INC., DATED: 06/2017 = OBJECT PENETRATION LOCATION ELEV. = ELEVATION; HT. = HEIGHT; PEN. = PENETRATION; N/A = NOT APPLICABLE; NWS = NOT WITHIN SURFACE; APRC = APPROACH SURFACE; TSS = THRESHOLD SITING SURFACE								



1. SEE AIRSPACE DRAWINGS FOR OBSTRUCTIONS TO FAR77 SURFACES. SEE DEPARTURE DRAWINGS FOR OBSTRUCTIONS TO DEPARTURES. 2. OBSTACLE SURFACE ELEVATION, OBSTACLE HEIGHT AND TOP ELEVATION FROM AGIS SURVEY BY WOOLPERT INC., DATED 06/2017. 3. OBJECT PENETRATIONS WERE IDENTIFIED USING AN AGIS SURVEY BY WOOLPERT, INC., DATED 06/2017.

4. AIRPORT ELEVATION: 969.1' MSL.

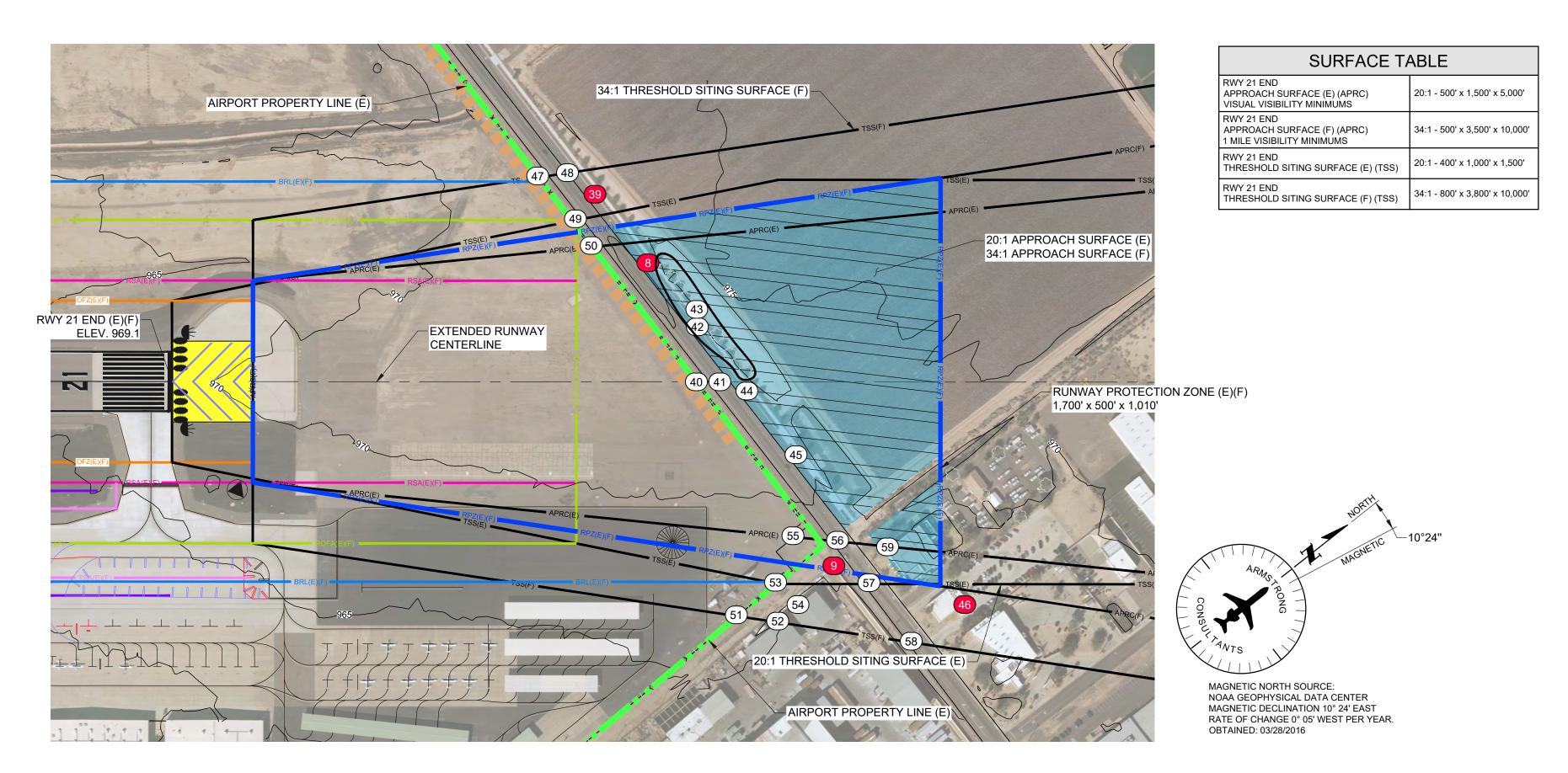
LEGEND								
DESCRIPTION	EXISTING	FUTURE						
AIRFIELD DEVELOPMENT (ASPHALT)	ASPHALT CONCRETE	PAVEMENT						
AIRPORT PROPERTY LINE (APL)		SAME						
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)						
OBSTACLE FREE ZONE (OFZ)	OFZ(E)	OFZ(F)						
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)						
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)						
BUILDING RESTRICTION LINE (BRL)	BRL(E)	BRL(F)						
APPROACH SURFACE	APRC(E)	APRC(F)						
THRESHOLD SITING SURFACE	TSS(E)	TSS(F)						
THRESHOLD LIGHTS	••••	SAME						
REIL	₩	SAME						
CONTOURS	4125	N/A						
MARKINGS		SAME						
FENCE	X	SAME						
VEHICLE SERVICE ROAD								
PUBLIC ROAD								
RAILROAD		SAME						
AIRPORT EASEMENT	N/A							

11/2018	ORIGINAL ISSUE	326505	BKR	CW	PKA	
Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.	
CE FROM TH ECESSARILY AY CONSTITU IOR DOES IT	UMENT MAY HAVE BEEN SUPPORTED, IN PART, THR E FEDERAL AVIATION ADMINISTRATION AS PROVIDED REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FA JTE A COMMITMENT ON THE PART OF THE UNITED S' I INDICATE THAT THE PROPOSED DEVELOPMENT IS NGE WITH APPROPRIATE PUBLIC LAWS	D UNDER TITLE A. ACCEPTAN TATES TO PAF	e 49 U.S.C., Ice of this Rticipate IN	SECTION 47 REPORT BY ANY DEVE	104. THE THE FAA LOPMENT	

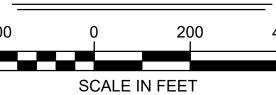
CITY OF PHOENIX AVIATION DEPARTMENT

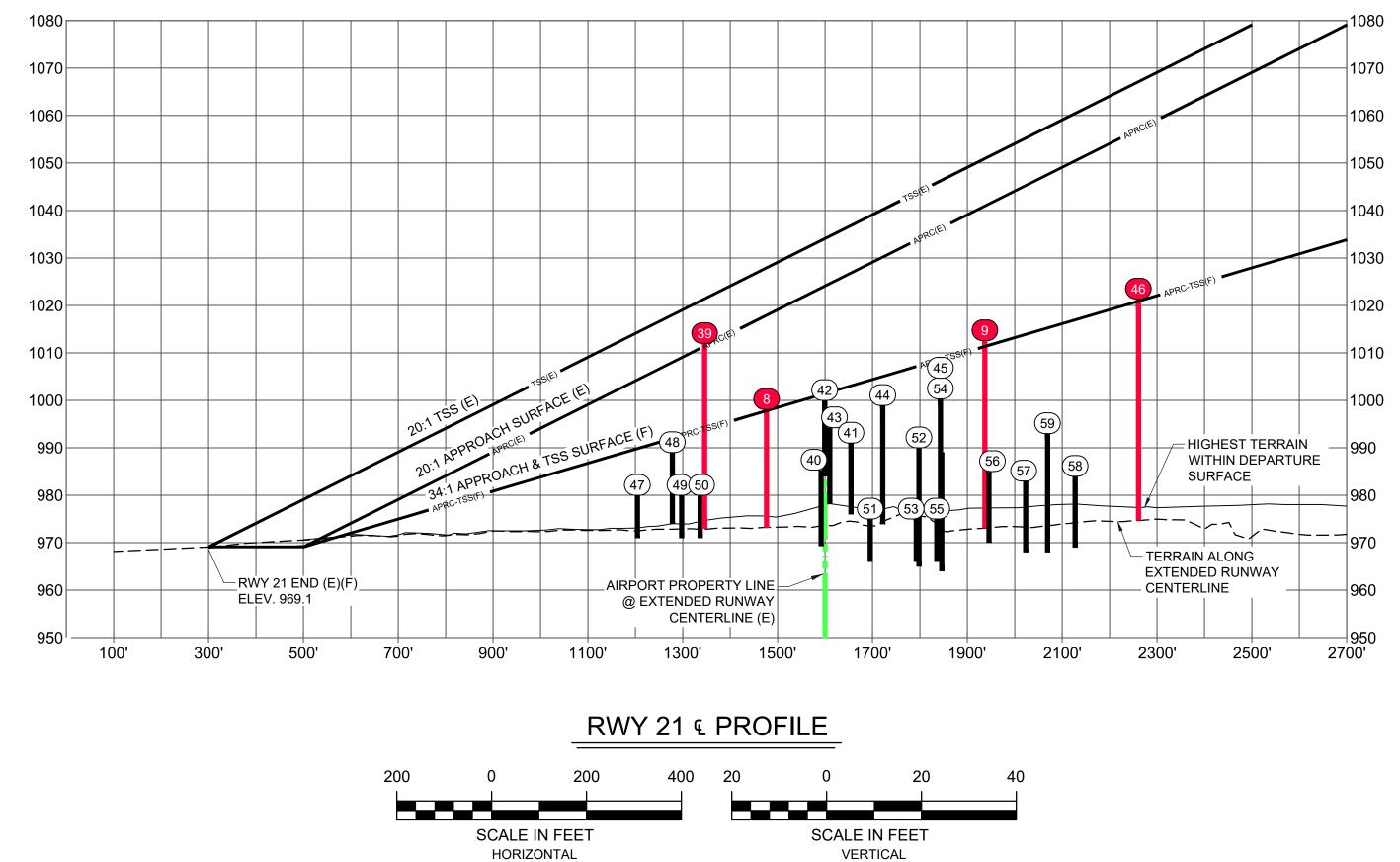


ARMSTRONG 6 of 13



RWY 21 END PLAN



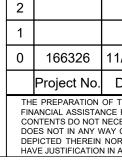


No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	20:1 TSS (E) PEN.	20:1 TSS (F) PEN.	34:1 APRC SURFACE (E) PEN.	34:1 APRC SURFACE (F) PEN.	DISPOSITION			
8	LIGHT POLE	39'	998'	NONE	+1'	NONE	+1'	TBD			
9	POWER POLE	43'	1013'	NONE	+1'	NONE	NWS	TBD			
39	LIGHT POLE	39'	1013'	NONE	+18'	NONE	NONE	TBD			
(40)	FENCE	9'	985'	NWS	NONE	NWS	NWS	N/A			
(41)	ROAD	15'	991'	NONE	NONE	NONE	NONE	N/A			
(42)	LIGHT POLE	25'	1000'	NONE	NONE	NONE	NONE	N/A			
(43)	TREES	17'	994'	NONE	NONE	NONE	NONE	N/A			
(44)	LIGHT POLE	25'	999'	NONE	NONE	NONE	NONE	N/A			
(45)	LIGHT POLE	28'	1000'	NONE	NONE	NONE	NONE	N/A			
46	TREE	50'	1021'	NWS	+1'	NWS	NWS	TBD			
(47)	FENCE	9'	980'	NWS	NONE	NWS	NWS	N/A			
(48)	ROAD	15'	989'	NWS	NONE	NWS	NWS	N/A			
(49)	FENCE	9'	982'	NONE	NONE	NWS	NWS	N/A			
(50)	FENCE	9'	982'	NONE	NONE	NONE	NWS	N/A			
(51)	FENCE	9'	975'	NWS	NONE	NWS	NWS	N/A			
(52)	BUILDING	25'	990'	NWS	NONE	NWS	NWS	N/A			
(53)	FENCE	9'	975'	NONE	NONE	NWS	NWS	N/A			
(54)	BUILDING	25'	989'	NWS	NONE	NWS	NWS	N/A			
(55)	FENCE	9'	978'	NONE	NONE	NONE	NONE	N/A			
(56)	ROAD	15'	984'	NONE	NONE	NONE	NONE	N/A			
(57)	ROAD	15'	983'	NONE	NONE	NWS	NWS	N/A			
(58)	ROAD	15'	983'	NWS	NONE	NWS	NWS	N/A			
(59)	BUILDING	25'	993'	NONE	NONE	NONE	NONE	N/A			
OTE:	OBJECT ELEVATIONS	S IN FEET	M <u>SL (VE</u> F	RTICAL DA		088).					
	OBJECT TOP ELEVATIONS AND LOCATIONS ARE BASED ON A SURVEY BY: WOOLPERT, INC., DATED: 06/2017.										
	OBJECT PENETRATION LOCATION ELEV. = ELEVATION; HT. = HEIGHT; PEN. = PENETRATION; N/A = NOT APPLICABLE; NWS = NOT WITHIN SURFACE;										

NOTES:

- TO DEPARTURES.
- DATED 06/2017.
- 4. AIRPORT ELEVATION: 969.1' MSL.





1. SEE AIRSPACE DRAWINGS FOR OBSTRUCTIONS TO FAR77 SURFACES. SEE DEPARTURE DRAWINGS FOR OBSTRUCTIONS

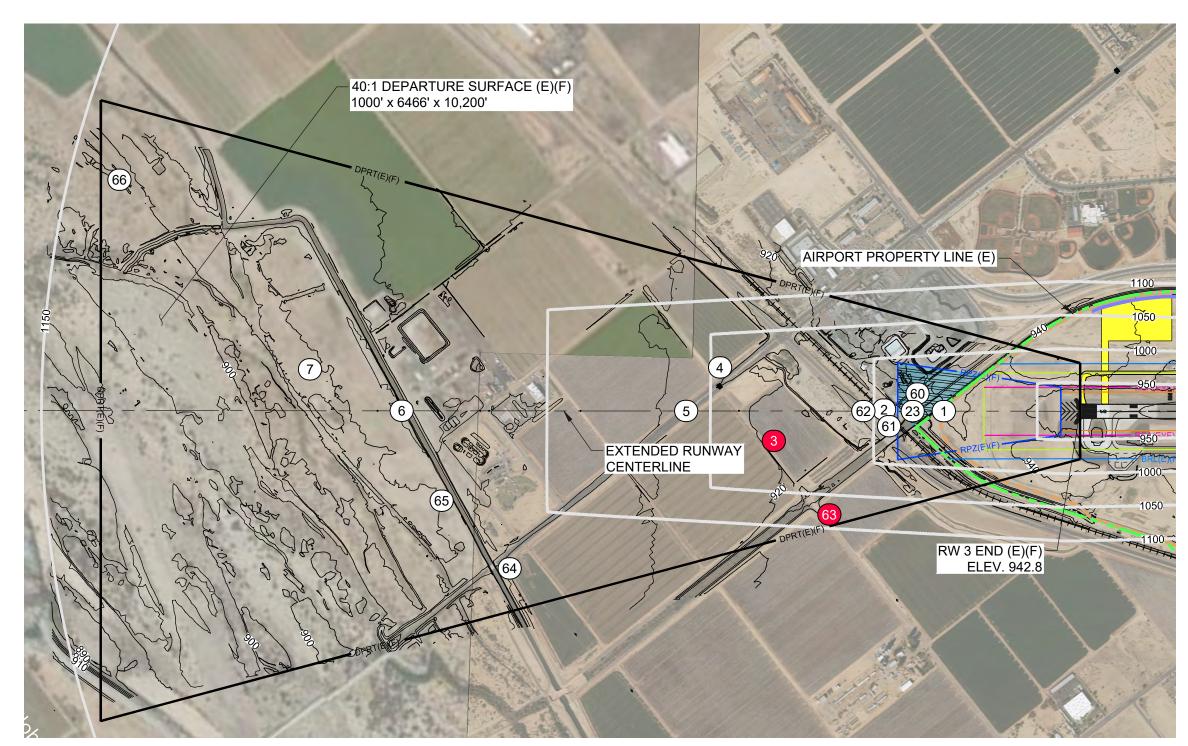
2. OBSTACLE SURFACE ELEVATION, OBSTACLE HEIGHT AND TOP ELEVATION FROM AGIS SURVEY BY WOOLPERT INC.,

3. OBJECT PENETRATIONS WERE IDENTIFIED USING AN AGIS SURVEY BY WOOLPERT, INC. DATED 06/2017.

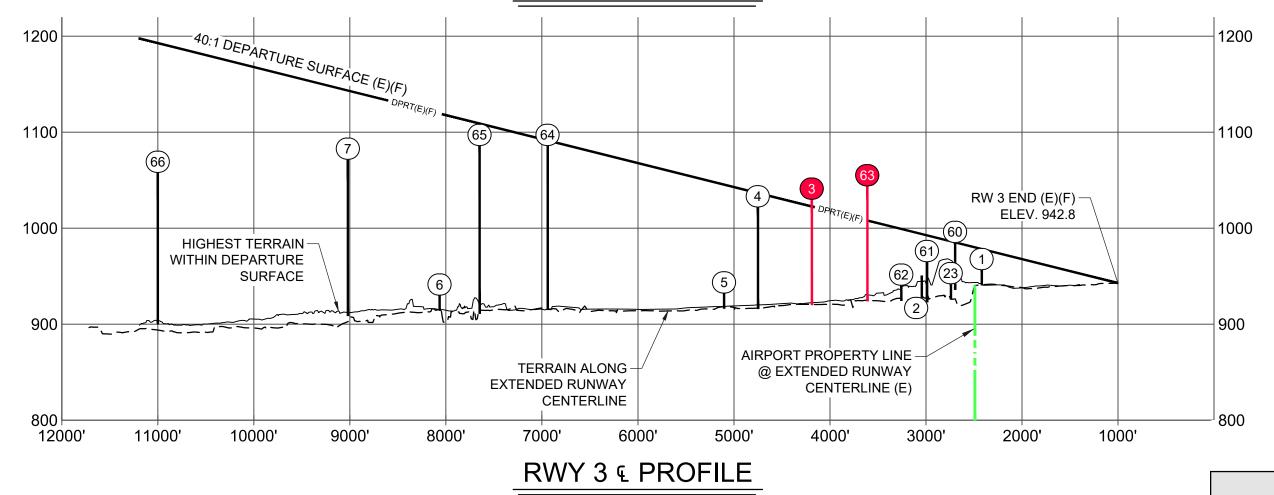
LEGEND							
DESCRIPTION	EXISTING	FUTURE					
AIRFIELD DEVELOPMENT (ASPHALT)	ASPHALT CONCRETE	SAME					
AIRPORT PROPERTY LINE (APL)		SAME					
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)					
OBSTACLE FREE ZONE (OFZ)	OFZ(E)	OFZ(F)					
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)					
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)					
BUILDING RESTRICTION LINE (BRL)	BRL(E)	BRL(F)					
APPROACH SURFACE	APRC(E)	APRC(F)					
THRESHOLD SITING SURFACE	TSS(E)	TSS(F)					
THRESHOLD LIGHTS	0000 0000	SAME					
REIL	₩	SAME					
CONTOURS	4125	N/A					
MARKINGS	Σ	SAME					
COMPASS ROSE		SAME					
FENCE	X	SAME					
VEHICLE SERVICE ROAD							
PUBLIC ROAD							
AIRPORT EASEMENT	N/A						
GROUP OF OBJECTS, MOST CRITICAL OBJECT DEPICTED		SAME					

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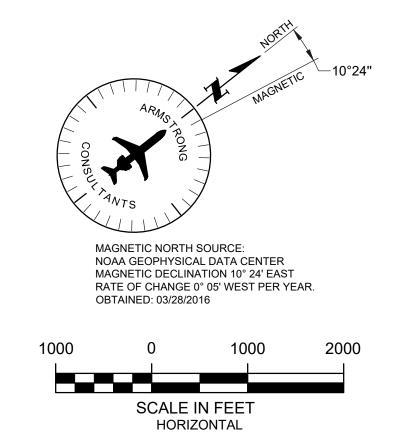
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11/2018	ORIGINAL ISSUE	326505	BKR	CW	PKA	PHOENIX GOODYEAR	AIRPORT
Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.	RWY 21 INNER APPROACH	
	JMENT MAY HAVE BEEN SUPPORTED, IN PART, THRO					RWIZIINNER APPROACH	JURFALE
ICE FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER TITLE 49 U.S.C., SECTION 47104. THE							
	ITE A COMMITMENT ON THE PART OF THE UNITED S		7.540				
	INDICATE THAT THE PROPOSED DEVELOPMENT IS	ENVIRONMEN	ITALLY ACC	EPTABLE O	R WOULD	ARMSTRONG	7 of 13
IN ACCORDA	NCE WITH APPROPRIATE PUBLIC LAWS.						1

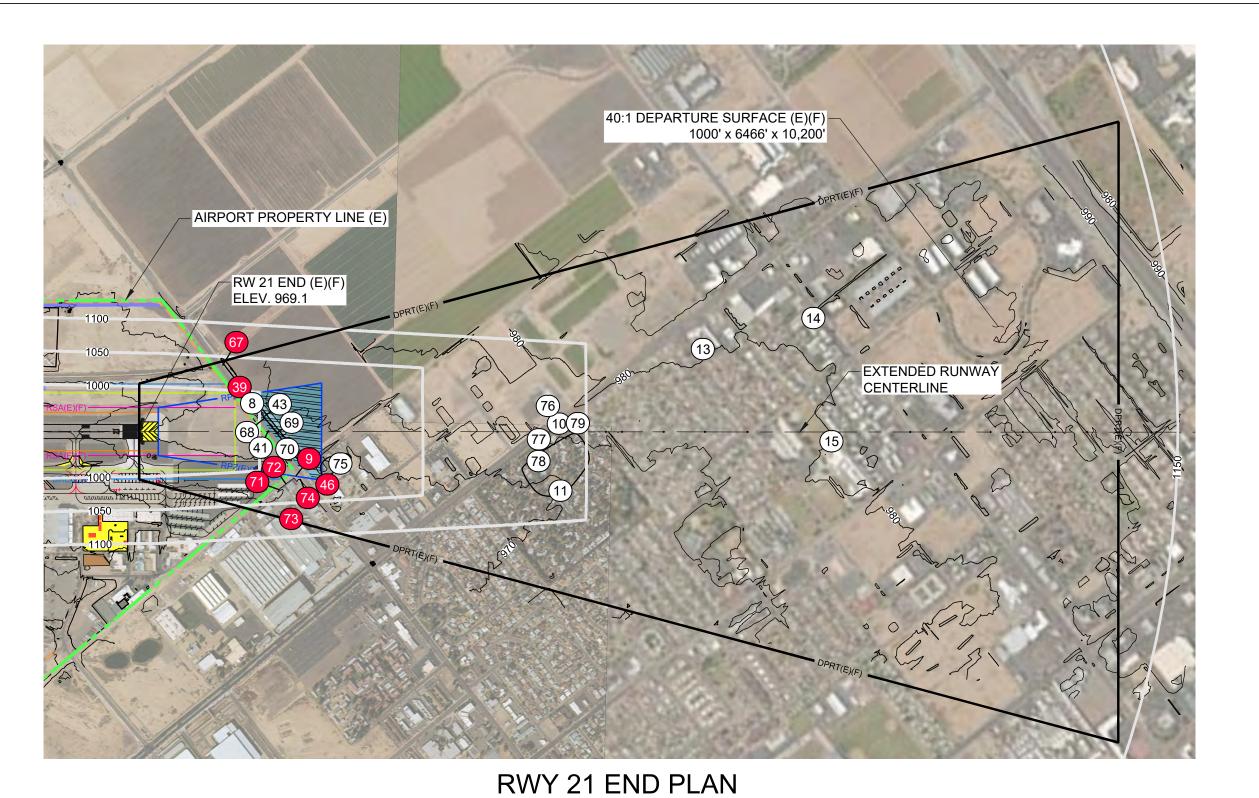


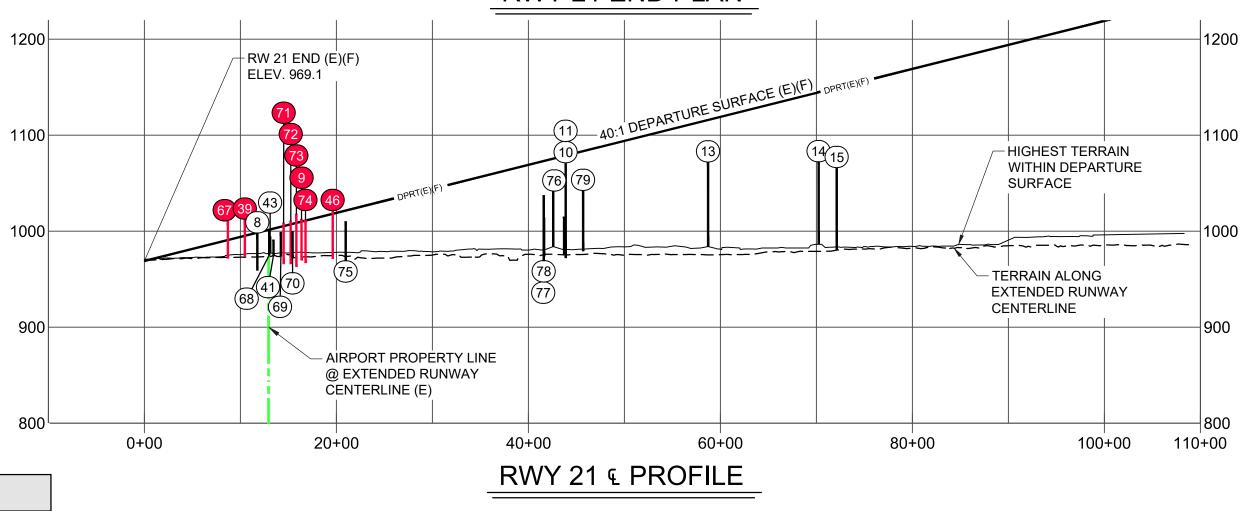




OBJECTS WITHIN RUNWAY 3 DEPARTURE												
SURFACE (E)(F)												
No.	OBJECT	EST. OBJECT	ELEV.	40:1 DPRT	DISPOSITION							
110.	000201	HT.	(MSL)	PEN.								
(1)	ROAD	15'	958'	NONE	N/A							
2	RAILROAD	23'	951'	NONE	N/A							
3	TOWER	110'	1031'	+9'	TBD							
4	TOWER	106'	1023'	NONE	N/A							
5	ROAD	15'	934'	NONE	N/A							
6	ROAD	15'	932'	NONE	N/A							
(7)	TOWER	163'	1023'	NONE	N/A							
(23)	ROAD	15'	942'	NONE	N/A							
60	TREE	49'	985'	NONE	N/A							
61	TREE	42'	966'	NONE	N/A							
62	ROAD	15'	941'	NONE	N/A							
63	POWER POLE	120'	1044'	+36'	TBD							
64	TOWER	171'	1087'	NONE	N/A							
65	POLE	175'	1087'	NONE	N/A							
66	TOWER	158'	1058'	NONE	N/A							







LE	GEND	
DESCRIPTION	EXISTING	FUTURE
AIRFIELD DEVELOPMENT (ASPHALT)	ASPHALT CONCRETE	PAVEMENT
AIRPORT PROPERTY LINE (APL)		SAME
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
OBSTACLE FREE ZONE (OFZ)	OFZ(E)	OFZ(F)
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)
BUILDING RESTRICTION LINE (BRL)	BRL(E)	BRL(F)
DEPARTURE SURFACE	DPRT(E)	DPRT(F)
THRESHOLD LIGHTS	0000 0000	SAME
REIL		SAME
CONTOURS	940	N/A
MARKINGS		SAME
FENCE	X	SAME
VEHICLE SERVICE ROAD		
PUBLIC ROAD		
RAILROAD	····	SAME
GROUP OF OBJECTS, MOST CRITICAL OBJECT DEPICTED	$\bigcirc$	SAME
AIRPORT EASEMENT	N/A	
AIRPORT AIRSPACE 50' CONTOUR	N/A	1050
NOTE: OBJECT ELEVATIONS IN FEET OBJECT TOP ELEVATIONS AND WOOLPERT, INC., DATED: 06/2 = OBJECT PENETRATION	D LOCATIONS ARE BASE 017. I LOCATION	

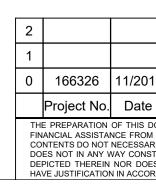
SCALE IN FEET

VERTICAL

200

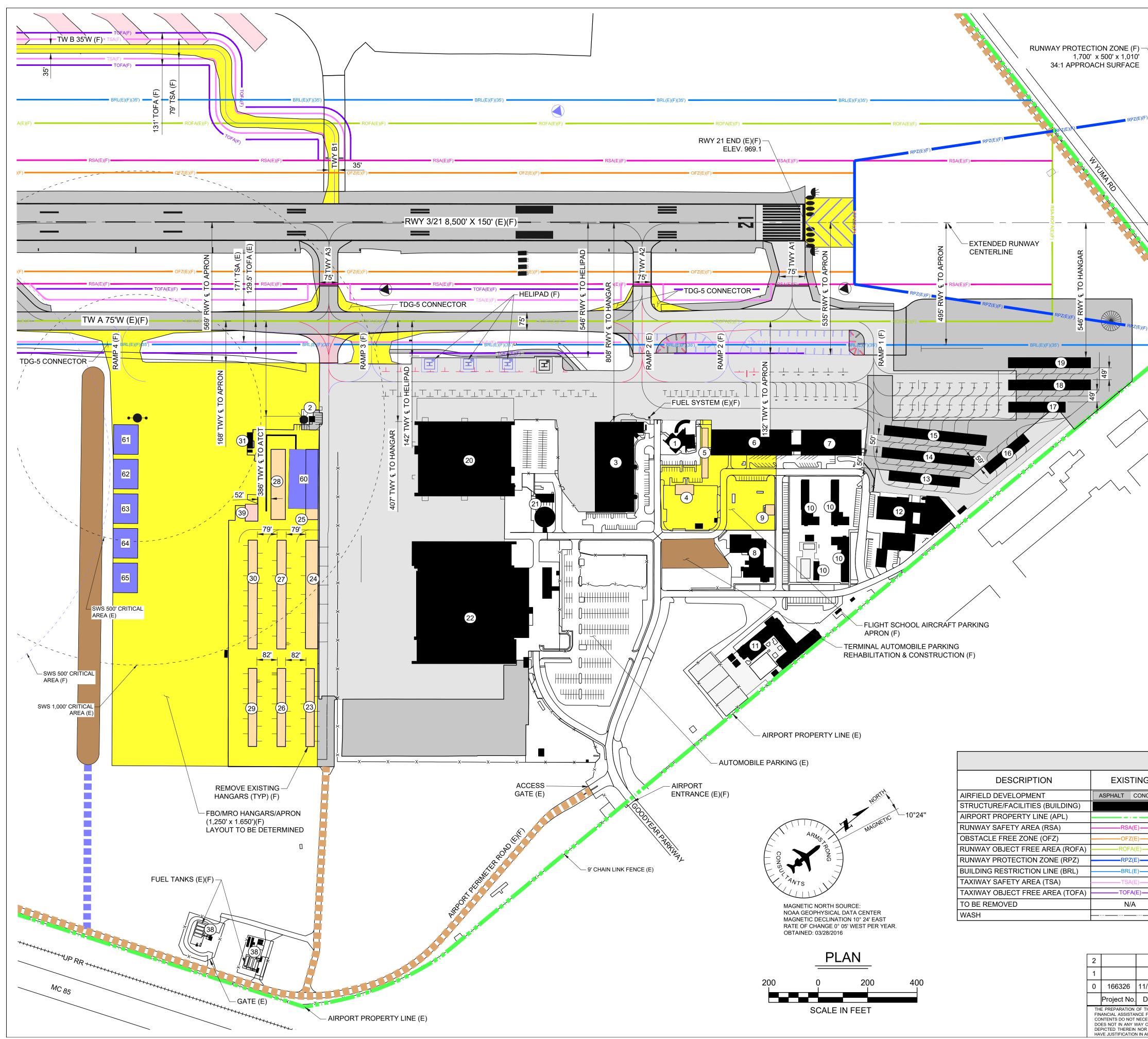
FLIGHT PROCEDURES OFFICE DETERMINATION. 2. SEE FAR 77 AIRSPACE TABLE AND INNER APPROACH TABLES FOR LOCATIONS, ELEVATIONS FOR POINTS NOT DETAILED.

**OBJECTS WITHIN** EST. TOP No. OBJECT OBJECT ELEV. HT. (MSL) (8) | LIGHT POLE | 39' 998' N 9 | POWER POLE | 43' 1013' POLE 40' 1015' N (10) (11) TREES 99' | 1071' | N (13) TREE 88' 1072' N (14) TREE 86' 1072' N (15) TOWER 85' 1066' N 39 LIGHT POLE 39' 1013' ROAD 15' 991' N (41) (43) TREES 17' 994' N 50' 1021' TREE 46 LIGHT POLE 39' 1011'



N RUNWAY 21 DEPARTURE SURFACE (E)(F)										
40:1 DPRT PEN.	DISPOSITION	No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	40:1 DPRT PEN.	DISPOSITION			
NONE	N/A	68	LIGHT POLE	25'	1000'	NONE	N/A			
+3'	TBD	69	LIGHT POLE	25'	999'	NONE	N/A			
NONE	N/A	(70)	LIGHT POLE	28'	1000'	NONE	N/A			
NONE	N/A	71	POLE	43'	1009'	+4'	TBD			
NONE	N/A	72	POLE	45'	1011'	+4'	TBD			
NONE	N/A	73	BUILDING	55'	1018'	+9'	TBD			
NONE	N/A	74	POLE	45'	1012'	+1'	TBD			
+17'	TBD	(75)	TREES	41'	1010'	NONE	N/A			
NONE	N/A	(76)	TREE	69'	1053'	NONE	N/A			
NONE	N/A	(77)	POLE	40'	1014'	NONE	N/A			
+3'	TBD	(78)	TREE	68'	1037'	NONE	N/A			
+20'	TBD	(79)	TREE	63'	1042'	NONE	N/A			

						CITY OF PHOENIX AVIATION DE	PARTMENT
						o Fyi	
							-
018	ORIGINAL ISSUE	326506	BKR	CW	PKA	PHOENIX GOODYEAR A	IRPORT
ite	Revision / Description	File	Drwn.	Chkd.	Apprvd.		
S DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM OM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER TITLE 49 U.S.C., SECTION 47104. THE							
SARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA INSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE OR WOULD CORDANCE WITH APPROPRIATE PUBLIC LAWS.				ARMSTRONG	8 of 13		



$\bigcirc$	AIRPORT FACILITIES LIST	(E)
NO.	FACILITY DESCRIPTION	TOP ELEV (MSL) *
1	TERMINAL BUILDING	971'
2	AIR TRAFFIC CONTROLTOWER /ROTATING BEACON	1060'
3	FBO OFFICE/HANGAR	1004'
4	MAINTENANCE BUILDING - REMOVE	974'
5	AUTO COVERED PARKING - REMOVE	975'
6	MAINTENANCE HANGAR	988'
7	MAINTENANCE HANGAR	992'
8	OFFICE BUILDING	978'
9	MAINTENANCE BUILDING - REMOVE	978'
10	DORMITORY	961'
11	OFFICE/DORMITORY	1024'
12	OFFICE	995'
13	SHADE HANGAR	978'
14	SHADE HANGAR	978'
15	SHADE HANGAR	977'
16	SHADE HANGAR	976'
17	SHADE HANGAR	979'
18	SHADE HANGAR	981'
19	SHADE HANGAR	981'
20	HANGAR	1029'
21	FIRE PROTECTION	978'
22	MAINTENANCE HANGAR	1047'
23	T-HANGAR - REMOVE/RELOCATE	974'
24	T-HANGAR - REMOVE/RELOCATE	976'
25	SHADE HANGAR - REMOVE/RELOCATE	973'
26	T-HANGAR - REMOVE/RELOCATE	974'
27	T-HANGAR - REMOVE/RELOCATE	976'
28	SHADE HANGAR - REMOVE/RELOCATE	980'
29	T-HANGAR - REMOVE/RELOCATE	974'
30	T-HANGAR - REMOVE/RELOCATE	974'
31	ELECTRICAL VAULT	981'
38	FUEL FARM	N/A
39	WASHRACK - REMOVE/RELOCATE	N/A

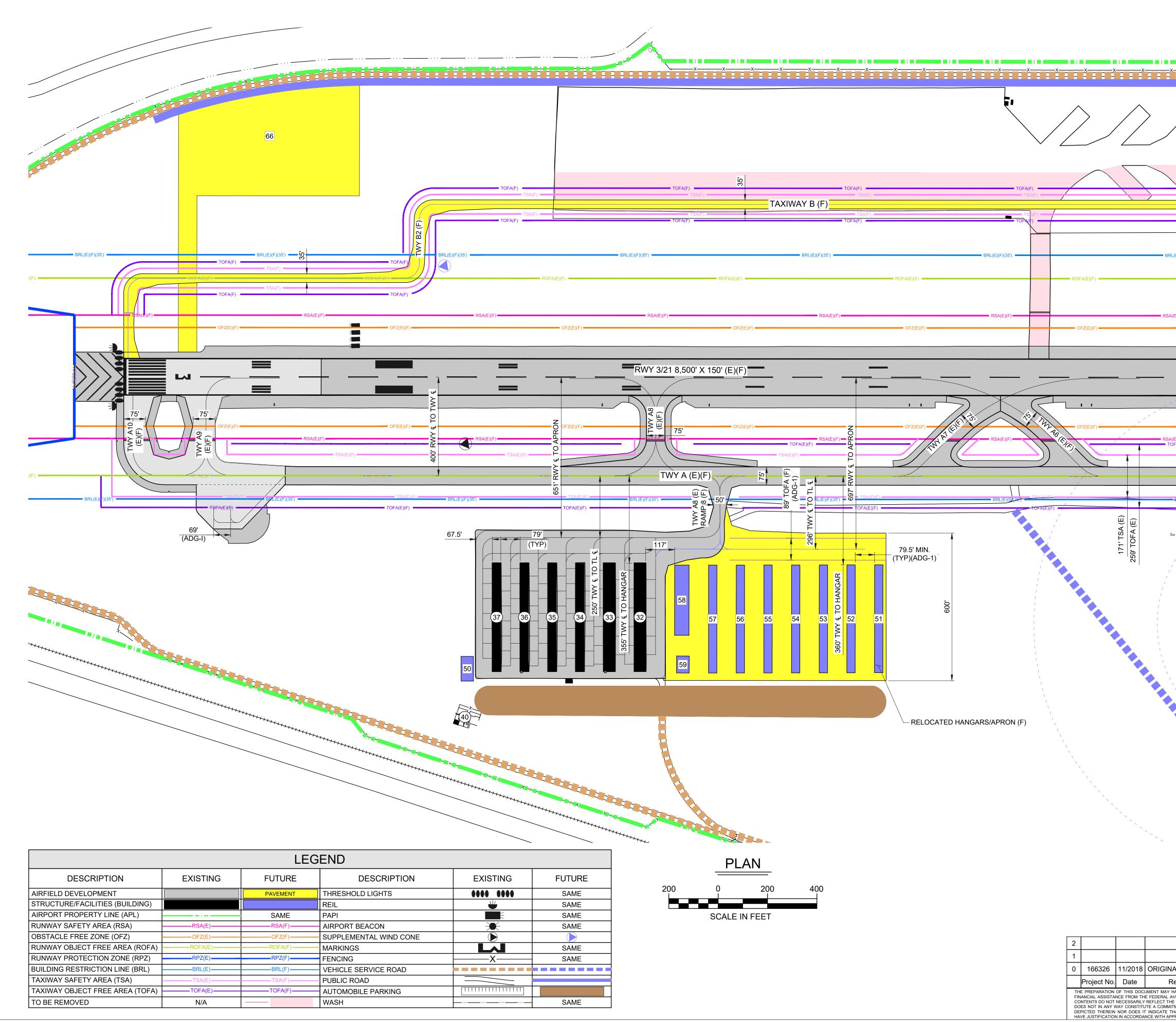
\* ALL EXISTING ELEVATIONS OBTAINED FROM WOOLPERT, INC SURVEY DATED 06/2017.

	AIRPORT FACILITIES LIST (F)								
NO.	FACILITY DESCRIPTION	TOP ELEV (MSL- EST.) **							
60	CONVENTIONAL HANGAR	984'							
61	CONVENTIONAL HANGAR	991'							
62	CONVENTIONAL HANGAR	991'							
63	CONVENTIONAL HANGAR	992'							
64	CONVENTIONAL HANGAR	991'							
65	CONVENTIONAL HANGAR	991'							

\*\* ALL FUTURE ELEVATIONS ARE ESTIMATED FROM EXISTING GROUND SURFACE AND ESTIMATED OBJECT HEIGHT. EXISTING GROUND SURFACE OBTAINED FROM WOOLPERT, INC. SURVEY DATED 06/2017.

	LEGEND										
IG	FUTURE	DESCRIPTION	EXISTING	FUTURE							
NCRETE	PAVEMENT	THRESHOLD LIGHTS	0000 0000	SAME							
		REIL	$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$	SAME							
	SAME	PAPI		SAME							
	RSA(F)	AIRPORT BEACON	×	SAME							
	OFZ(F)	SUPPLEMENTAL WIND CONE									
	ROFA(F)	SURFACE WEATHER SYSTEM (SWS)	••••	<u>⊶</u>							
	RPZ(F)	MARKINGS		SAME							
	BRL(F)	FENCING	X	SAME							
	TSA(F)	HELIPAD	$\textcircled{\textbf{0}}$								
	TOFA(F)	VEHICLE SERVICE ROAD									
		PUBLIC ROAD									
· · · · ·	SAME	AUTOMOBILE PARKING									

							CITY OF PHOENIX AVIATION I	DEPARTMENT	
							o Fy		
	11/2018	ORIGINAL ISSUE	326503	BKR	CW	PKA	PHOENIX GOODYEAR	AIRPORT	
э.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.			
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DT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA VWAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT IN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE OR WOULD ON IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.									

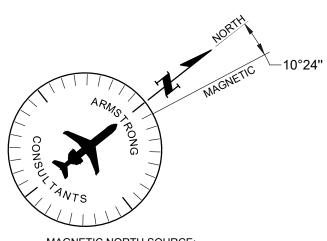


$ \bigcirc$	AIRPORT FACILITIES LIST (E)									
NO.	NO. FACILITY DESCRIPTION									
32	T-HANGAR	967'								
33	T-HANGAR	967'								
34	T-HANGAR	960'								
35	T-HANGAR	959'								
36	T-HANGAR	959'								
37	T-HANGAR	958'								
40	WATER TREATMENT SYSTEM	N/A								

\* ALL EXISTING ELEVATIONS OBTAINED FROM WOOLPERT, INC SURVEY DATED 06/2017.

	AIRPORT FACILITIES LIST (F)							
NO.	NO. FACILITY DESCRIPTION							
50	USER MAINTENANCE BAY	953'						
51	T-HANGAR	963'						
52	T-HANGAR	963'						
53	T-HANGAR	963'						
54	T-HANGAR	962'						
55	T-HANGAR	962'						
56	T-HANGAR	962'						
57	T-HANGAR	961'						
58	T-HANGAR	958'						
59	WASH RACK	N/A						
66	DEMO PAD	N/A						

\*\* ALL FUTURE ELEVATIONS ARE ESTIMATED FROM EXISTING GROUND SURFACE AND ESTIMATED OBJECT HEIGHT. EXISTING GROUND SURFACE OBTAINED FROM WOOLPERT, INC. SURVEY DATED 06/2017.



MAGNETIC NORTH SOURCE: NOAA GEOPHYSICAL DATA CENTER MAGNETIC DECLINATION 10° 24' EAST RATE OF CHANGE 0° 05' WEST PER YEAR. OBTAINED: 03/28/2016

1/2018	ORIGINAL ISSUE	326503	BKR	CW	PKA				
Date	<b>Revision / Description</b>	File	Drwn.	Chkd.	Apprvd.				
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CITY OF PHOENIX AVIATION DEPARTMENT

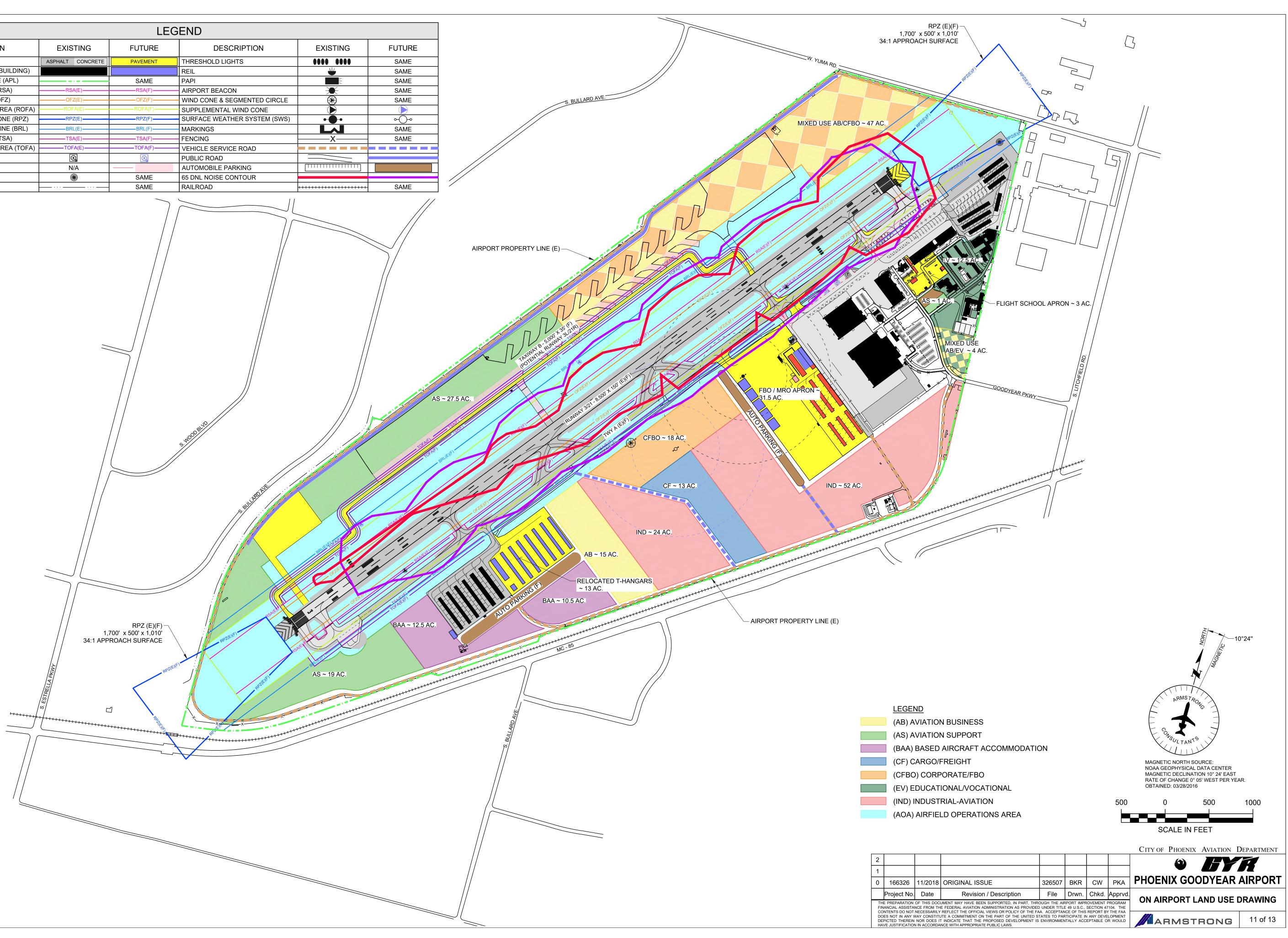
PHOENIX GOODYEAR AIRPORT **TERMINAL AREA - SOUTH** 

• **FYR** 

ARMSTRONG

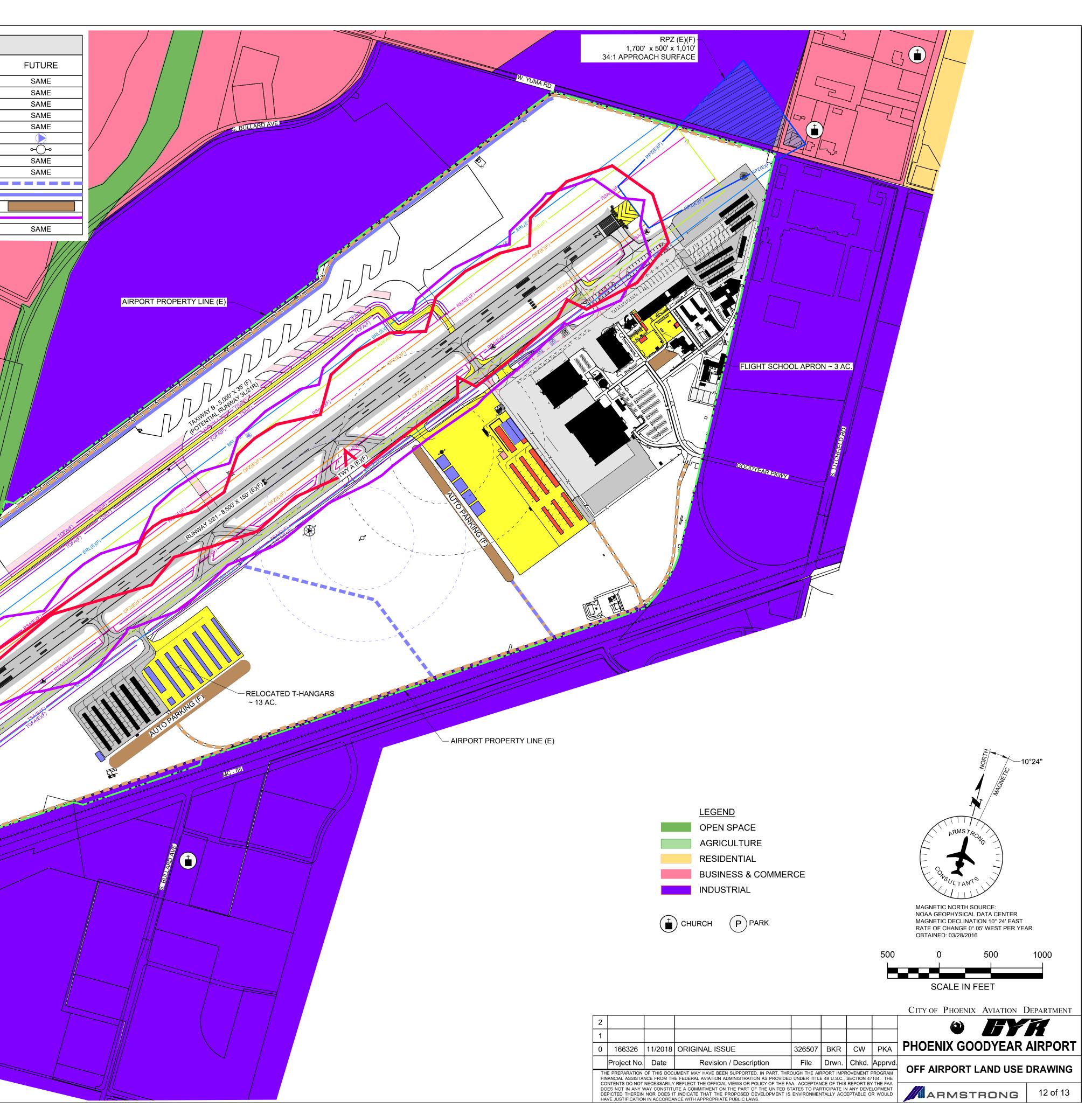
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LEGEND									
DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING					
AIRFIELD DEVELOPMENT	ASPHALT CONCRETE	PAVEMENT	THRESHOLD LIGHTS	000 000					
STRUCTURE/FACILITIES (BUILDING)			REIL						
AIRPORT PROPERTY LINE (APL)		SAME	PAPI						
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)	AIRPORT BEACON	*					
OBSTACLE FREE ZONE (OFZ)	OFZ(E)	OFZ(F)	WIND CONE & SEGMENTED CIRCLE	8					
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)	SUPPLEMENTAL WIND CONE						
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	-RPZ(F)	SURFACE WEATHER SYSTEM (SWS)	••••					
BUILDING RESTRICTION LINE (BRL)	BRL(E)BRL(E)	BRL(F)	MARKINGS						
TAXIWAY SAFETY AREA (TSA)	TSA(E)	TSA(F)	FENCING	X					
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA(E)	TOFA(F)	VEHICLE SERVICE ROAD						
HELIPAD			PUBLIC ROAD						
TO BE REMOVED	N/A		AUTOMOBILE PARKING						
COMPASS ROSE		SAME	65 DNL NOISE CONTOUR						
WASH	· · · · · · · ·	SAME	RAILROAD	+++++++++++++++++++++++++++++++++++++++					



LEGEND									
DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	EXISTING					
AIRFIELD DEVELOPMENT	ASPHALT CONCRETE	PAVEMENT	THRESHOLD LIGHTS	000 000					
STRUCTURE/FACILITIES (BUILDING)			REIL						
AIRPORT PROPERTY LINE (APL)		SAME	PAPI						
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)	AIRPORT BEACON	*					
OBSTACLE FREE ZONE (OFZ)	OFZ(E)	OFZ(F)	WIND CONE & SEGMENTED CIRCLE	(R)					
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)	SUPPLEMENTAL WIND CONE						
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)	SURFACE WEATHER SYSTEM (SWS)	••••					
BUILDING RESTRICTION LINE (BRL)	BRL(E)	BRL(F)	MARKINGS						
TAXIWAY SAFETY AREA (TSA)	TSA(E)	TSA(F)	FENCING	X					
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA(E)	TOFA(F)	VEHICLE SERVICE ROAD						
HELIPAD	•		PUBLIC ROAD						
TO BE REMOVED	N/A		AUTOMOBILE PARKING						
COMPASS ROSE		SAME	65 DNL NOISE CONTOUR						
WASH	· · · · · · · ·	SAME	RAILROAD						

RPZ (E)(F) 1,700' x 500' x 1,010' 34:1 APPROACH SURFACE



	EXISTING PROPERTY DATA										
AIRPORT PARCEL NO.	COUNTY ASSESSORS PARCEL NO.	OWNER	GRANTOR	TYPE OF INTEREST ACQUIRED	± Ac.	TYPE OF INSTRUMENT	LIBER/ BOOK / PAGE	GRANT NO.	DATE RECORDED	PURPOSE ACQUISITIC	
1	500-07-006R	CITY OF PHOENIX	UNITED STATES OF AMERICA	FEE SIMPLE	597.39	INDENTURE, U.S.A. TO CITY OF PHOENIX	7166/66	N/A	7/5/1968	AERONAUTICA	
2	500-07-006G	CITY OF PHOENIX	UNITED STATES OF AMERICA	FEE SIMPLE	96.94	QUITCLAIM DEED, U.S.A. TO CITY OF PHOENIX	9958/458	N/A	1/23/1973	AERONAUTICA	
3	500-07-031J	CITY OF PHOENIX	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY	FEE SIMPLE	1.94	WARRANTY DEED, MARICOPA COUNTY TO CITY OF PHOENIX	19990985788	N/A	10/26/1999	AERONAUTICA	
4	500-07-031M	CITY OF PHOENIX	WOOD FAMILY ENTERPRISES LIMITED PARTNERSHIP	FEE SIMPLE	15.74	WARRANTY DEED, WOOD FAMILY ENTERPRISES TO CITY OF PHOENIX	19900566515	FAA 3-04-0018-03 ADOT N910	12/21/1990	AERONAUTICA	
5	500-07-009B	CITY OF PHOENIX	RANCHO ESTRELLA REAL ESTATE CORP	FEE SIMPLE	34.57	SPECIAL WARRANTY DEED, RANCHO ESTRELLA REAL ESTATE TO CITY OF PHOENIX (LAND SWAP)	19880360358	N/A	7/22/1988	AERONAUTICA	
6	500-07-007B	CITY OF PHOENIX	RANCHO ESTRELLA REAL ESTATE CORP	FEE SIMPLE	0.65	SPECIAL WARRANTY DEED, RANCHO ESTRELLA REAL ESTATE TO CITY OF PHOENIX (LAND SWAP)	19880350358	N/A	7/22/1988	AERONAUTIC	
7	500-07-006K	CITY OF PHOENIX	UNITED STATES OF AMERICA	FEE SIMPLE	51.07	QUITCLAIM DEED, U.S.A. TO CITY OF PHOENIX	13007/498	N/A	7/5/1978	AERONAUTIC	
8	500-07-041A	CITY OF PHOENIX AVIATION DEPT.	STATE OF ARIZONA	FEE SIMPLE	0.05	QUITCLAIM DEED, STATE OF ARIZONA TO CITY OF PHOENIX	20180281240	N/A	4/13/2018	AERONAUTIC	
9	500-07-027B	CITY OF PHOENIX	UNITED STATES OF AMERICA	FEE SIMPLE	0.52	INDENTURE, U.S.A. TO CITY OF PHOENIX	7166/66	N/A	7/5/1968	AERONAUTIC	

NOTE: INFORMATION FOR PROPERTY INVENTORY ATTAINED FROM MARICOPA COUNTY, ARIZONA, COUNTY ASSESSOR'S OFFICE GIS DATA AND CITY OF PHOENIX.

RPZ (E)(F) —

(C)

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1,700' x 500' x 1,010'

34:1 APPROACH SURFACE

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	PROPERTY TO BE ACQUIRED										
FUTURE AIRPORT PARCEL NO.	COUNTY ASSESSORS PARCEL NO.	INTEREST	LOCATION	ACREAGE	PURPOSE						
A	500-09-021	EASEMENT	PORTION OF: S9, T1N, R1W	±9.67	RUNWAY PROTECTION ZONE						
В	500-04-021A	EASEMENT	PORTION OF: S9, T1N, R1W	±0.63	RUNWAY PROTECTION ZONE						
C	500-07-018F	EASEMENT	PORTION OF: S20, T1N, R1W	±2.42	RUNWAY PROTECTION ZONE						
D	500-07-006L 500-07-006P 500-07-929	EASEMENT	PORTION OF: S20, T1N, R1W	±4.97	RUNWAY PROTECTION ZONE						

AIRPORT PROPERTY LINE (E)

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S. BULLANE

	LEGEND			
DESCRIPTION	EXISTING	FUTURE	DESCRIPTION	
AIRFIELD DEVELOPMENT	ASPHALT CONCRETE	PAVEMENT	THRESHOLD LIGHTS	
STRUCTURE/FACILITIES (BUILDING)			REIL	
AIRPORT PROPERTY LINE (APL)		SAME	PAPI	
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)	AIRPORT BEACON	
OBSTACLE FREE ZONE (OFZ)	OFZ(E)	OFZ(F)	WIND CONE & SEGMENTED CIRCLE	
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)	SUPPLEMENTAL WIND CONE	
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)	SURFACE WEATHER SYSTEM (SWS)	
BUILDING RESTRICTION LINE (BRL)	BRL(E)	BRL(F)	MARKINGS	
TAXIWAY SAFETY AREA (TSA)	TSA(E)	TSA(F)	FENCING	
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA(E)	TOFA(F)	VEHICLE SERVICE ROAD	
HELIPAD	æ	B	PUBLIC ROAD	
TO BE REMOVED	N/A		AUTOMOBILE PARKING	
COMPASS ROSE		SAME	65 DNL NOISE CONTOUR	
WASH		- SAME	RAILROAD	

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— AIRPORT PROPERTY LINE (E)

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