



PINAL COUNTY
wide open opportunity



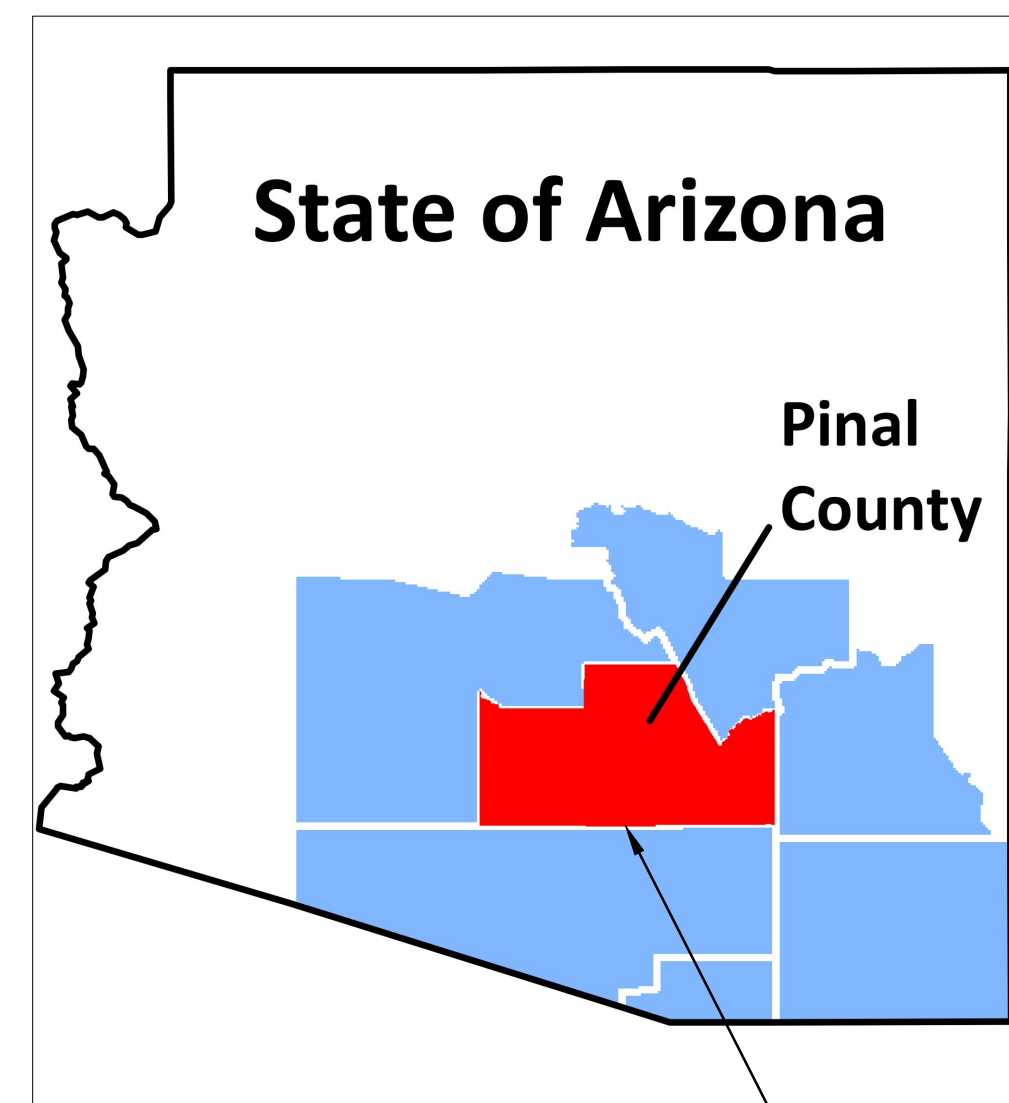
AIRPORT LAYOUT PLAN DRAWING SET MASTER PLAN AIRPORT LAYOUT PLAN

PINAL AIRPARK

PINAL COUNTY ARIZONA

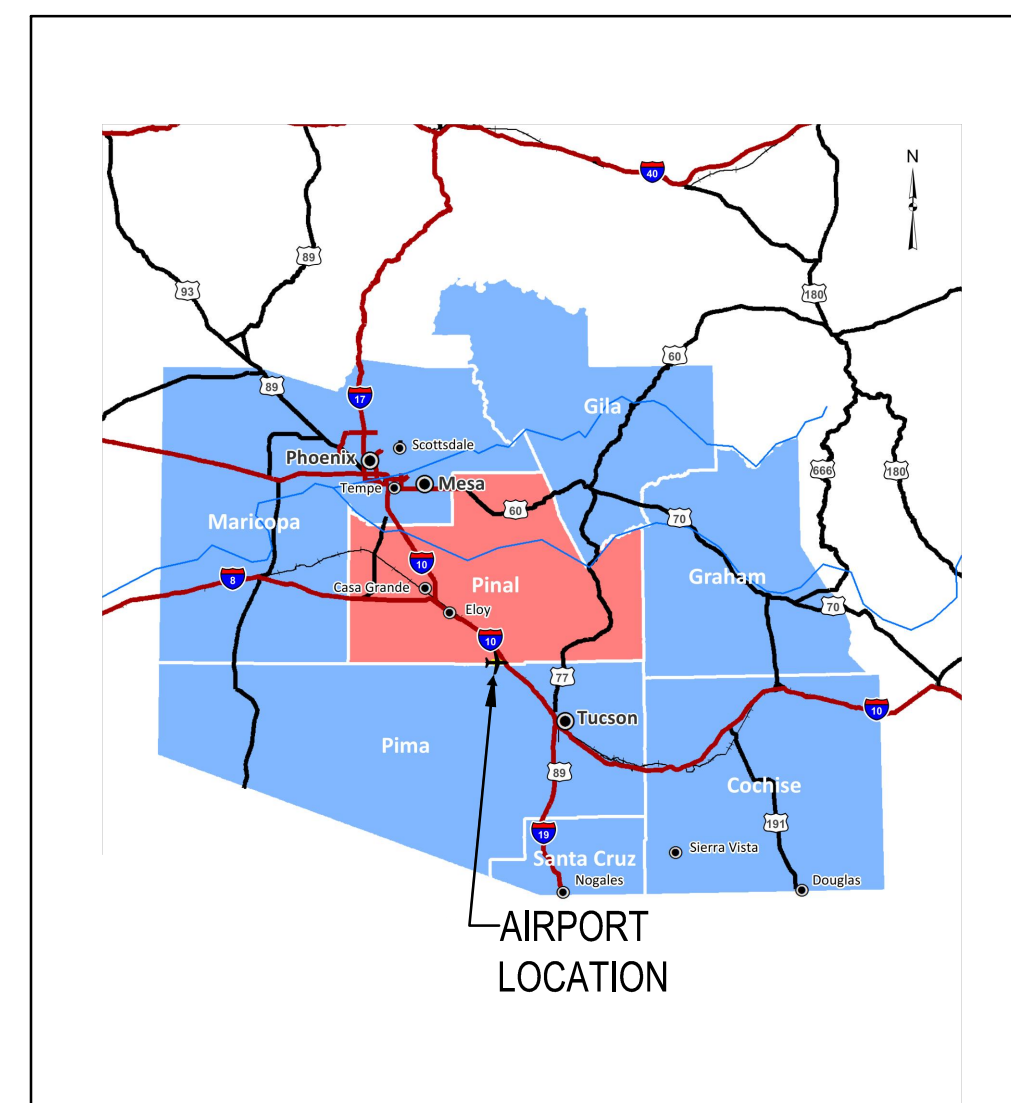
GOVT PROJECT: E3S3R
C&S PROJECT: M90.001.001

SEPTEMBER 2015
FINAL



STATE MAP

AIRPORT
LOCATION



LOCATION MAP



VICINITY MAP



<u>SHEET NO.</u>	<u>TITLE</u>
1.	TITLE SHEET
2.	DATA SHEET
3.	EXISTING AIRPORT LAYOUT
4.	AIRPORT LAYOUT PLAN
5.	RUNWAY 30 END
6.	AIRPORT AIRSPACE PLAN
7.	RUNWAY 12 INNER APPROACH PLAN AND PROFILE
8.	RUNWAY 30 INNER APPROACH PLAN AND PROFILE
9.	LAND USE AND GROUND ACCESS PLAN
10.	EXHIBIT 'A' - AIRPORT PROPERTY INVENTORY MAP

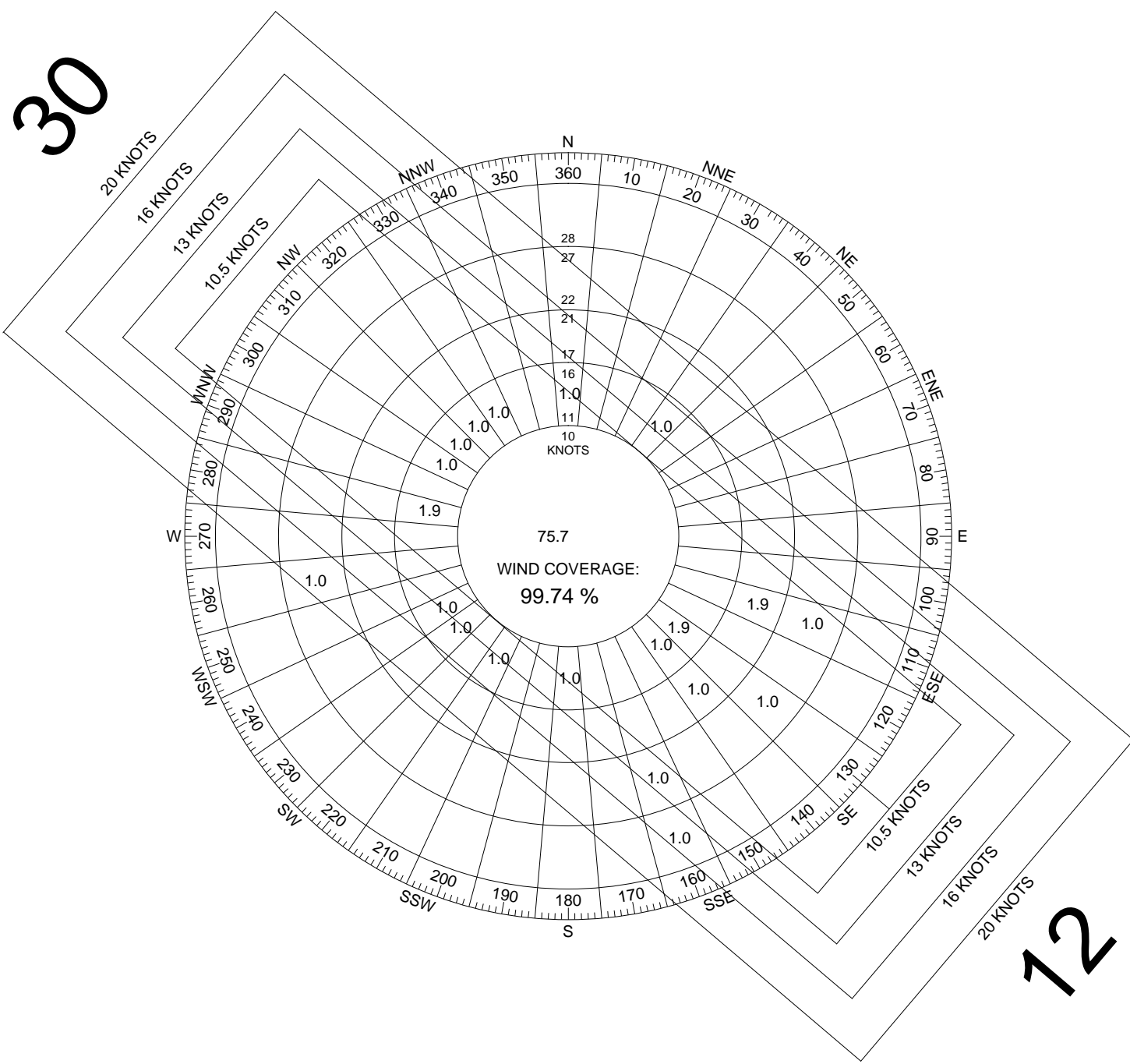
RUNWAY DATA TABLE						
Runway Data	Runway 12	Runway 30	Runway 12	Runway 30	Runway 12	Runway 30
	Existing	Existing	Future	Future	Ultimate	Ultimate
Runway Design Code (RDC)	D/V/VIS		D/V/VIS		D/V/VIS	
Approach Reference Code (APRC)	D/V/VIS		D/V/VIS		D/V/VIS	
Departure Reference Code (DPRC)	D/VI		D/VI		D/VI	
Effective Gradient	0.3%		0.3%		0.3%	
Maximum Gradient	0.3%		0.3%		0.3%	
Allowable Crosswind Component	20 kts		20 kts		20 kts	
Percent Wind Coverage (All Weather at 10.5 kts / 13 kts / 16 kts / 20 kts)	94.98% / 97.23% / 99.08% / 99.75%		94.98% / 97.23% / 99.08% / 99.75%		94.98% / 97.23% / 99.08% / 99.75%	
Max. Elevation (MSL)	1893.0'		1893.0'		1893.0'	
Runway Length	6,849'		6,849'		6,849'	
Runway Width	150'		150'		150'	
Displaced Threshold (From Rwy End)	N/A		N/A		N/A	
Surface Type (Runways and Taxiways)	Asphalt		Asphalt		Asphalt	
Pavement Strength						
	Single Wheel	68,000 lbs.		68,000 lbs.		68,000 lbs.
	Dual Wheel	100,000 lbs.		100,000 lbs.		100,000 lbs.
	Double Tandem	270,000 lbs.		270,000 lbs.		270,000 lbs.
	Dual Double Tandem	500,000 lbs.		500,000 lbs.		500,000 lbs.
Approach Surface Slope	20:1	20:1	20:1	20:1	20:1	20:1
Approach Type	Visual	Visual	Visual	Visual	Visual	Visual
Visibility Minimums	Visual	Visual	Visual	Visual	Visual	Visual
Visual Approach Aids	None	None	PAPI	PAPI	PAPI	PAPI
Instrument Approach Aids	None	None	None	None	None	None
Runway Lighting	MIRL		MIRL		HIRL	
Taxiway Lighting	Edge Reflectors		MITL		MITL	
Runway Marking	Non-Precision	Non-Precision	Basic	Basic	Basic	Basic
Runway End Elevations (NAVD 88)	1874.5'	1892.6'	1874.5'	1892.6'	1874.5'	1892.6'
Runway High Point/Low Point (NAVD 88)	1892.9' / 1874.5'		1892.9' / 1874.5'		1892.9' / 1874.5'	
Touchdown Zone Elevation (TDZE)	1883.1'	1892.9'	1883.1'	1892.7'	1883.1'	1892.9'
Displaced Threshold Elevation	N/A	N/A	N/A	1892.7'	N/A	N/A
Runway Protection Zone (RPZ)						
	Length	1700'	1700'	1700'	1700'	1700'
	Inner Width	500'	500'	500'	500'	500'
	Outer Width	1010'	1010'	1010'	1010'	1010'
Runway Safety Area (RSA)						
	Length Beyond Departure End	1,000'	1,000'	1,000'	1,000'	1,000'
	Length Prior to Threshold	N/A	N/A	600'	N/A	N/A
	Width	500'	500'	500'	500'	500'
Runway Object Free Area (ROFA)						
	Length Beyond Runway	1,000'	1,000'	1,000'	1,000'	1,000'
	Length Prior to Threshold	N/A	N/A	N/A	N/A	N/A
	Width	800'	800'	800'	800'	800'
Obstacle Free Zone (OFZ)						
	Length Beyond Runway	200'	200'	200'	200'	200'
	Width	400'	400'	400'	400'	400'
Threshold Siting Surface (No TSS Penetrations)	Category 3	Category 3	Category 3	Category 3	Category 3	Category 3
FAR Part 77 Category	Visual	Visual	Visual	Visual	Visual	Visual
Line of Sight Requirements Met	N/A	N/A	N/A	N/A	N/A	N/A
Runway End Coordinates (NAD83)						
Latitude	32°30'59.3"	32°30'11.6"	32°30'59.3"	32°30'11.6"	32°30'59.3"	32°30'11.6"
Longitude	111°19'59.6"	111°19'02.8"	111°19'59.6"	111°19'02.8"	111°19'59.6"	111°19'02.8"
Displaced Threshold Coordinates (NAD83)						
Latitude	N/A	N/A	N/A	32°30'12.4"	N/A	N/A
Longitude	N/A	N/A	N/A	111°19'03.8"	N/A	N/A
Runway CNTLN to Parallel Taxiway CNTLN	525' to 530'		530'		530'	
Runway CNTLN to Parallel Taxiway CNTLN (Standard)	450'		450'		450'	
Runway CNTLN to Hold Bars and Signs	200' to 252'		269'		269'	
Runway CNTLN to Aircraft Parking	697'		697'		697'	
Runway CNTLN to Aircraft Parking (Standard)	500'		500'		500'	
TDG 5 Taxiway Width	N/A		75'		75'	
TDG 3/4 Taxiway Width	N/A		50'		50'	
Taxiway Width	50' to 75'		75'		75'	
Taxiway Safety Area Width	214'		214'		214'	
Taxiway Object Free Area Width	320'		320'		320'	
Taxiway CNTLN to Fixed or Movable Object	160'		160'		160'	
Taxiway Separation	138'		510'		510'	
TDG 5 Taxiway Separation	N/A		173'		173'	
TDG 3/4 Taxiway Separation	N/A		95'		95'	
Objects inside TOFA	Fencing		N/A		N/A	

*75' adjacent to apron (150' at Taxiway A1)
FUTURE CONDITIONS RELATE TO SHORT- AND MID-TERM IMPROVEMENTS; ULTIMATE CONDITIONS REFLECT LONG-TERM IMPROVEMENTS.

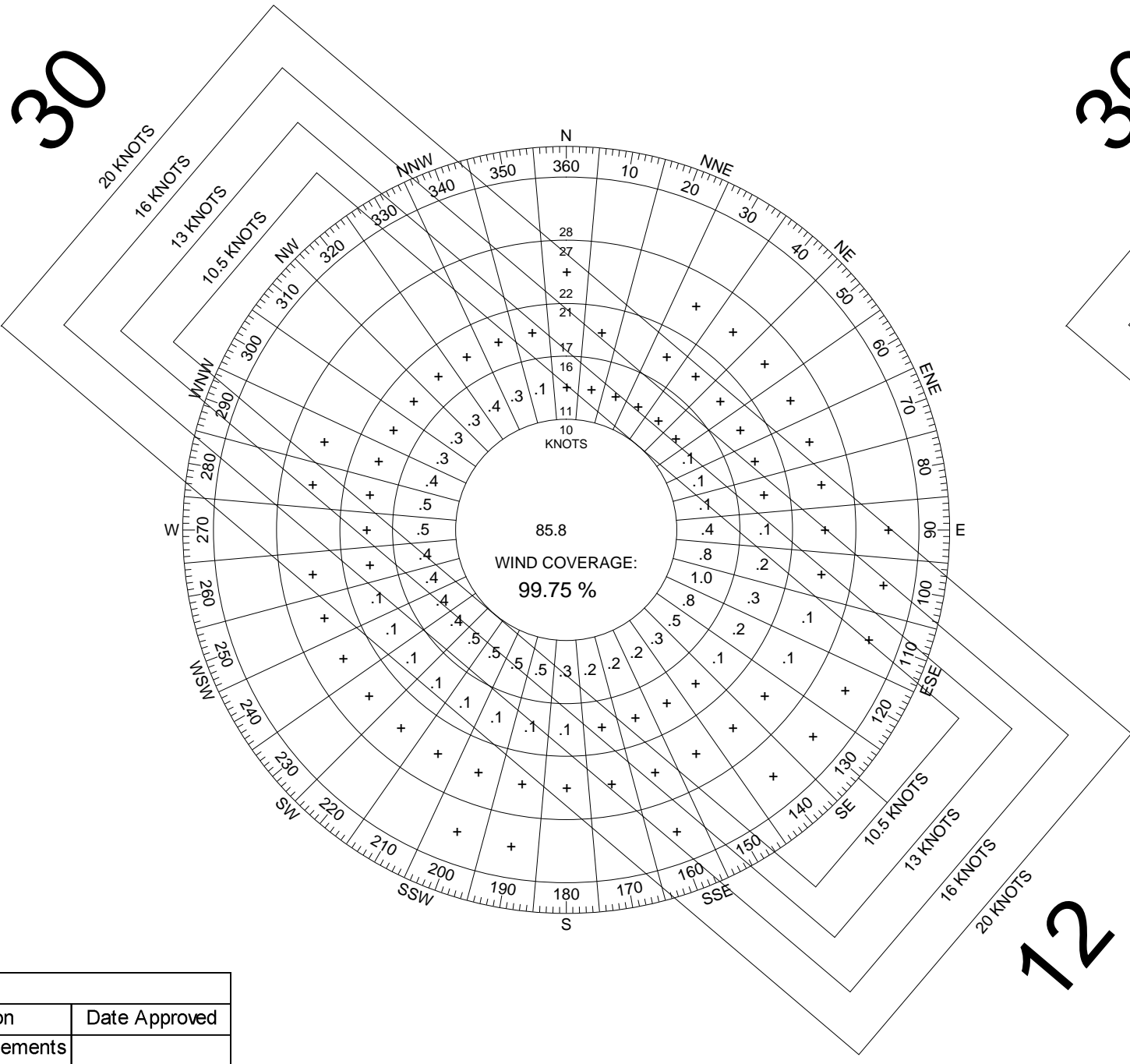
AIRPORT DATA TABLE		
Airport Data		Ultimate
Airport Elevation (MSL) (NAVD88)	Existing	1893'
Airport Reference Point (NAD 83)	Existing	1893'
Latitude	32°30'35.40"N	32°30'35.40"N
	Longitude	111°19'31.20"W
Mean Max Temperature of Hottest Month (June)	100.3°	100.3°
Airport NAVAIDS	Beacon	Beacon, PAPIs, REILs
Miscellaneous Facilities	Segmented Circle, Wind Cones, AWOS	MITL, Segmented Circle, Wind Cones, AWOS
GPS	No	No
Airport Reference Code	D-V	D-V
Critical Aircraft	Boeing 747-400	Boeing 747-400
Wingspan of Critical Aircraft (feet)	212.9	212.9
Undercarriage Width of Critical Aircraft (feet)	12.6	12.6
Approach Speed of Critical Aircraft (knots)	157	157
Maximum Take-off Weight of Critical Aircraft (pounds)	875,000	875,000
Airport Magnetic Variation (January 2014, www.ngdc.noaa.gov/geomag)	+10.33°	+10.33°
NPIAS Service Level	GA	GA
Arizona Service Role	GA - Community	GA - Community

DECLARED DISTANCES						
	Runway End ID	TORA	TODA	ASDA	LDA	Date of Approval
Existing	12	6,849'	6,849'	6,849'	6,849'	N/A
	30	6,849'	6,849'	6,849'	6,849'	N/A
Future	12	6,849'	6,849'	6,313'	6,313'	
	30	6,849'	6,849'	6,849'	6,713'	
Ultimate	12	6,849'	6,849'	6,849'	6,849'	N/A
	30	6,849'	6,849'	6,849'	6,849'	N/A

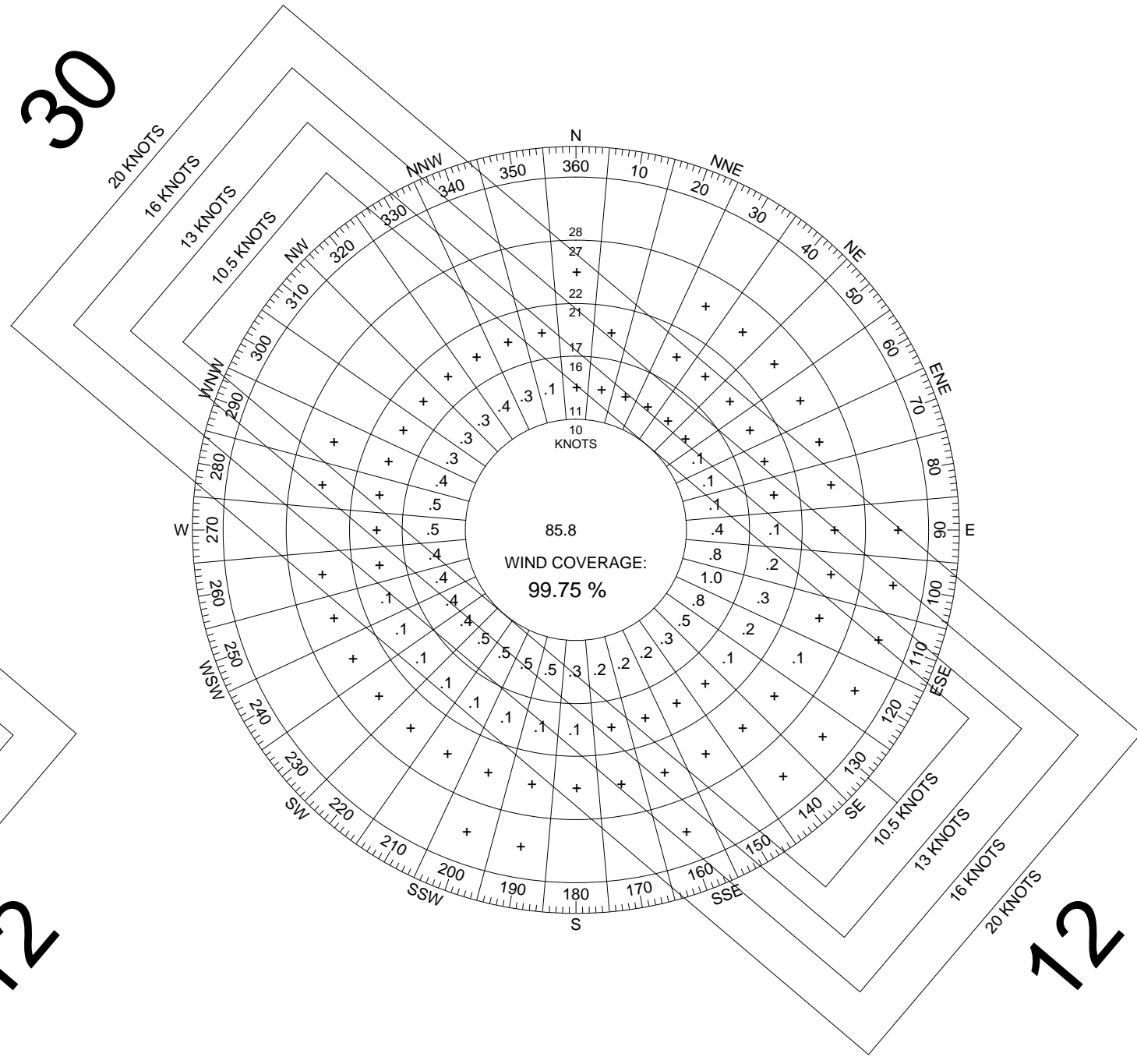
MODIFICATIONS TO STANDARDS				
#	Item	Existing Location	Standard Location	Proposed Action
1	Portions of Runway 12 RPZ (6.6 ac.) and Runway 30 RPZ (20.7 ac.)	Off Property	Under Sponsor Control	Obtain Avigation Easements in Short-Term
2	Portion of ROFA (0.2 ac.)	Off Property	Under Sponsor Control and Free of Objects	Acquire Land in Short-Term
3	RSA, ROFA, and ROFZ	Objects Within (Segmented Circle and Wind Cone)	Free of Objects	Remove or Relocate Objects in Short-Term
4	Portions of Runway 30 RSA and ROFA (3.2 ac.)	Fence and Road within RSA and ROFA; Also Extend onto Private Land	Under Sponsor Control, Free of Objects and Designed to Standards (RSA)	Displace Threshold in Short-Term; Acquire Land and Relocate Fence/Road in Long-Term
5	TOFA	Fence on Apron within TOFA	Free of Objects	Relocate in Short-Term
6	Taxiway Dimensions	Certain Segments Do Not Meet Standard Width	75-foot Width	Widen in Mid-Term with Taxiway Reconstruction
7	TSA	Poor Drainage and Grade Change	Designed to Standards for TSA	Improve in Mid-Term with Taxiway Reconstruction
8	Hold Lines	Inadequate Separation between Hold Lines and Runway Centerline	Standard Separation of 269' from Runway Centerline	Relocate Hold Lines in Short-Term
9	Runway Shoulders	Shoulder Width Varies; Approx. 20'	Standard Width of 35'	Widen in Long-Term with Runway Reconstruction



IFR WIND ROSE				
RUNWAY	10.5 KT/12 MPH	13 KT/15 MPH	16 KT/18 MPH	20 KT/23 MPH
12-30	91.61%	95.18%	98.54%	99.74%
SOURCE: NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA				
OBSERVATIONS TAKEN AT TUCSON INTERNATIONAL AIRPORT FOR THE PERIOD BETWEEN 2000 - 2009 103 OBSERVATIONS TAKEN FOR IFR				



ALL WEATHER WIND ROSE				
RUNWAY	10.5 KT/12 MPH	13 KT/15 MPH	16 KT/18 MPH	20 KT/23 MPH
12-30	94.98%	97.23%	99.08%	99.75%
SOURCE: NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA				
OBSERVATIONS TAKEN AT TUCSON INTERNATIONAL AIRPORT FOR THE PERIOD BETWEEN 2000 - 2009 78,983 OBSERVATIONS TAKEN FOR ALL WEATHER				



VFR WIND ROSE				
RUNWAY	10.5 KT/12 MPH	13 KT/15 MPH	16 KT/18 MPH	20 KT/23 MPH
12-30	94.98%	97.23%	99.08%	99.75%
SOURCE: NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA				
OBSERVATIONS TAKEN AT TUCSON INTERNATIONAL AIRPORT FOR THE PERIOD BETWEEN 2000 - 2009 78,829 OBSERVATIONS TAKEN FOR VFR				

ABBREVIATIONS	
ASDA	ACCELERATE STOP DISTANCE AVAILABLE
ATCT	AIR TRAFFIC CONTROL TOWER
BRL	BUILDING RESTRICTION LINE
DOD	DEPARTMENT OF DEFENSE
FAR	FEDERAL AVIATION REGULATIONS
HIRL	HIGH INTENSITY RUNWAY LIGHTS
LDA	LANDING DISTANCE AVAILABLE
MITL	MEDIUM INTENSITY TAXIWAY LIGHTS
MSL	MEAN SEA LEVEL
OFZ	OBSTACLE FREE ZONE
PAPI	PRECISION APPROACH PATH INDICATOR
ROFA	RUNWAY OBJECT FREE AREA
RPZ	RUNWAY PROTECTION ZONE
RSA	RUNWAY SAFETY AREA
TDG	TAXIWAY DESIGN GROUP
TODA	TAKEOFF DISTANCE AVAILABLE
TORA	TAKEOFF RUN AVAILABLE
TSS	THRESHOLD SITING SURFACE



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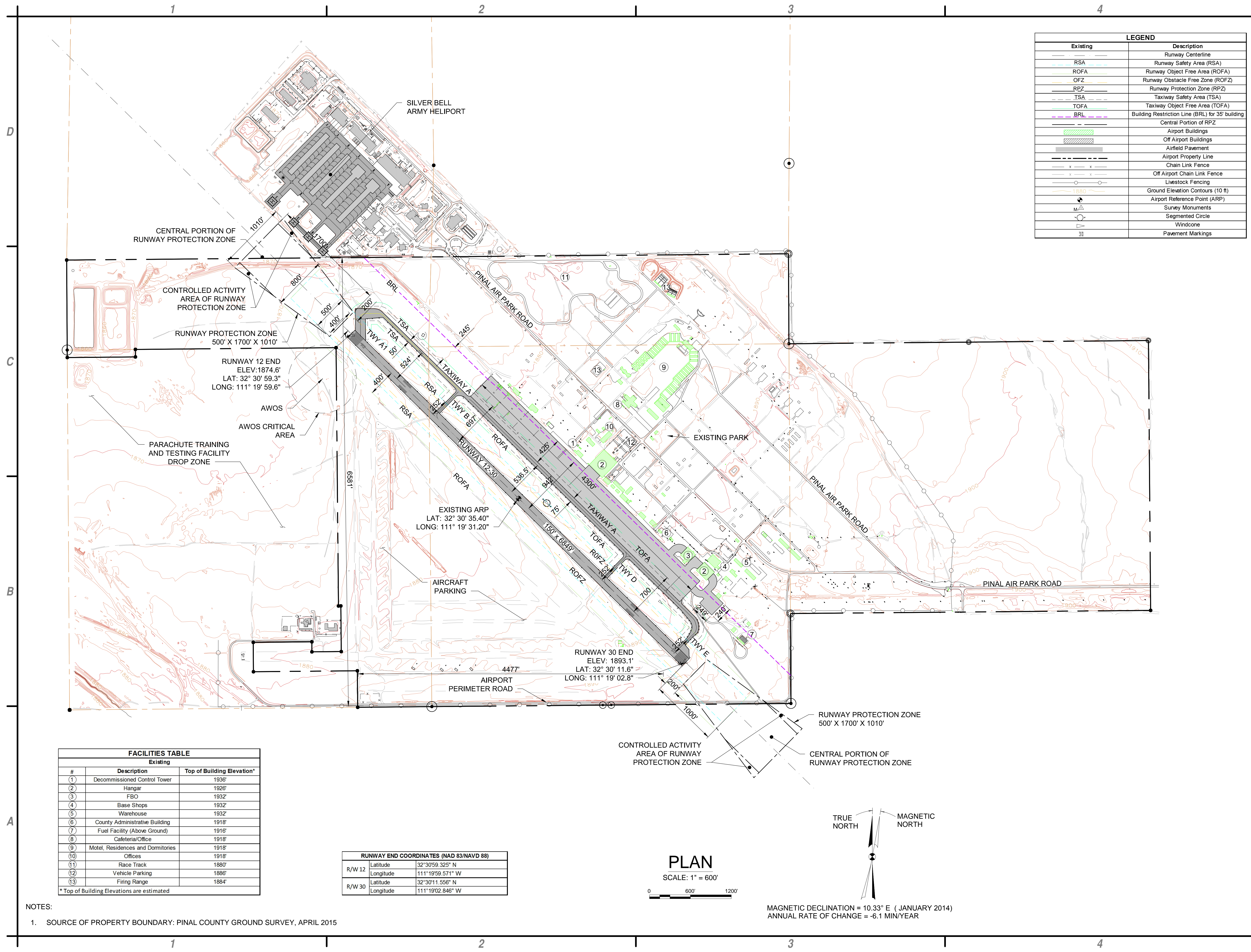
FINAL AIRPORT LAYOUT PLAN
PINAL AIRPARK
PINAL COUNTY
ARIZONA

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: M90.001.001		
DATE: SEPTEMBER 2015		
DRAWN BY: KRY		
DESIGNED BY: CPS		
CHECKED BY: DSS		

DATA SHEET

2 OF 10

Oct 02, 2015 - 11:53am
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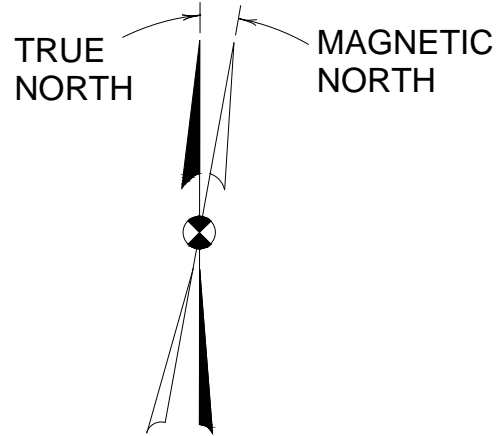
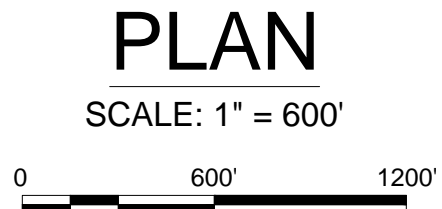
LEGEND	
Existing	Description
	Runway Centerline
	Runway Safety Area (RSA)
	Runway Object Free Area (ROFA)
	Runway Obstacle Free Zone (ROFZ)
	Runway Protection Zone (RPZ)
	Taxiway Safety Area (TSA)
	Taxiway Object Free Area (TOFA)
	Building Restriction Line (BRL) for 35' building
	Central Portion of RPZ
	Airport Buildings
	Off Airport Buildings
	Airfield Pavement
	Airport Property Line
	Chain Link Fence
	Off Airport Chain Link Fence
	Livestock Fencing
	Ground Elevation Contours (10 ft)
	Airport Reference Point (ARP)
	Survey Monuments
	Segmented Circle
	Windcone
	Pavement Markings

FACILITIES TABLE		
Existing		
#	Description	Top of Building Elevation*
1	Decommissioned Control Tower	1936'
2	Hangar	1926'
3	FBO	1932'
4	Base Shops	1932'
5	Warehouse	1932'
6	County Administrative Building	1918'
7	Fuel Facility (Above Ground)	1916'
8	Cafeteria/Office	1918'
9	Motel, Residences and Dormitories	1918'
10	Offices	1918'
11	Race Track	1880'
12	Vehicle Parking	1886'
13	Firing Range	1884'

* Top of Building Elevations are estimated

RUNWAY END COORDINATES (NAD 83/NAVD 88)	
R/W 12	Latitude 32°30'59.325" N Longitude 111°19'59.571" W
R/W 30	Latitude 32°30'11.556" N Longitude 111°19'02.846" W

NOTES:
1. SOURCE OF PROPERTY BOUNDARY: PINAL COUNTY GROUND SURVEY, APRIL 2015



MAGNETIC DECLINATION = 10.33° E (JANUARY 2014)
ANNUAL RATE OF CHANGE = -6.1 MIN/YEAR



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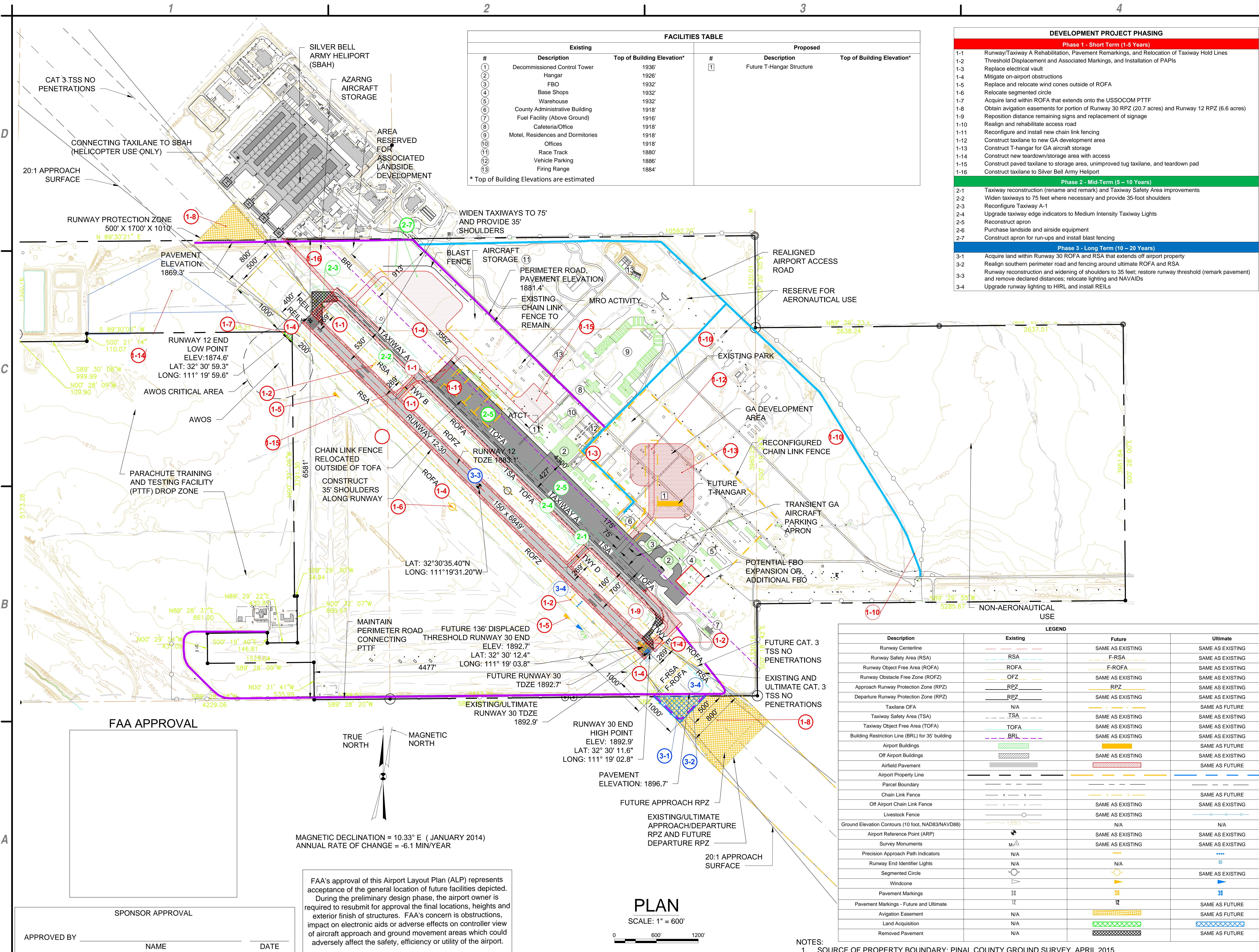


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FINAL AIRPORT LAYOUT PLAN
PINAL AIRPARK
PINAL COUNTY
ARIZONA

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: M90.001.001		
DATE: SEPTEMBER 2015		
DRAWN BY: KRY		
DESIGNED BY: CPS		
CHECKED BY: DSS		

EXISTING
AIRPORT LAYOUT



FACILITIES TABLE					
Existing			Proposed		
#	Description	Top of Building Elevation*	#	Description	Top of Building Elevation*
1	Decommissioned Control Tower	1936'	1	Future T-Hangar Structure	
2	Hangar	1926'			
3	FBO	1932'			
4	Base Shops	1932'			
5	Warehouse	1932'			
6	County Administrative Building	1919'			
7	Fuel Facility (Above Ground)	1916'			
8	Cafeteria/Office	1918'			
9	Motel, Residences and Dormitories	1918'			
10	Offices	1918'			
11	Race Track	1880'			
12	Vehicle Parking	1886'			
13	Firing Range	1884'			

* Top of Building Elevations are estimated

DEVELOPMENT PROJECT PHASING	
Phase 1 - Short Term (1-5 Years)	
1-1	Runway/Taxiway A Rehabilitation, Pavement Remarking, and Relocation of Taxiway Hold Lines
1-2	Threshold Displacement and Associated Markings, and Installation of PAPIs
1-3	Replace electrical vault
1-4	Mitigate on-airport obstructions
1-5	Replace and relocate wind cones outside of ROFA
1-6	Relocate segmented circle
1-7	Acquire land within ROFA that extends onto the USSOCOM PTF
1-8	Obtain aviation easements for portion of Runway 30 RPZ (20.7 acres) and Runway 12 RPZ (6.6 acres)
1-9	Reposition distance remaining signs and replacement of signage
1-10	Realign and rehabilitate access road
1-11	Reconfigure and install new chain link fencing
1-12	Construct taxiway to new GA development area
1-13	Construct T-hangar for GA aircraft storage
1-14	Construct new teardown/storage area with access
1-15	Construct paved taxiway to storage area, unimproved tug taxiway, and teardown pad
1-16	Construct taxiway to Silver Bell Army Helipoint
Phase 2 - Mid-Term (5 - 10 Years)	
2-1	Taxiway reconstruction (rename and remark) and Taxiway Safety Area improvements
2-2	Widen taxiways to 75 feet where necessary and provide 35-foot shoulders
2-3	Reconfigure Taxiway A-1
2-4	Upgrade taxiway edge indicators to Medium Intensity Taxiway Lights
2-5	Reconstruct apron
2-6	Purchase landside and airside equipment
2-7	Construct apron for run-ups and install blast fencing
Phase 3 - Long Term (10 - 20 Years)	
3-1	Acquire land within Runway 30 ROFA and RSA that extends off airport property
3-2	Realign southern perimeter road and fencing around ultimate ROFA and RSA
3-3	Runway reconstruction and widening of shoulders to 35 feet; restore runway threshold (remark pavement) and remove declared distances; relocate lighting and NAVAIDS
3-4	Upgrade runway lighting to HIRL and install REILs

LEGEND			
Description	Existing	Future	Ultimate
Runway Centerline	---	SAME AS EXISTING	SAME AS EXISTING
Runway Safety Area (RSA)	---	F-RSA	SAME AS EXISTING
Runway Object Free Area (ROFA)	---	F-ROFA	SAME AS EXISTING
Runway Obstacle Free Zone (ROFZ)	---	SAME AS EXISTING	SAME AS EXISTING
Approach Runway Protection Zone (RPZ)	---	RPZ	SAME AS EXISTING
Departure Runway Protection Zone (RPZ)	---	SAME AS EXISTING	SAME AS EXISTING
Taxiway OFA	N/A	---	SAME AS FUTURE
Taxiway Safety Area (TSA)	---	SAME AS EXISTING	SAME AS EXISTING
Taxiway Object Free Area (TOFA)	---	SAME AS EXISTING	SAME AS EXISTING
Building Restriction Line (BRL) for 35' building	---	SAME AS EXISTING	SAME AS EXISTING
Airport Buildings	█	█	SAME AS FUTURE
Off Airport Buildings	█	█	SAME AS EXISTING
Airfield Pavement	█	█	SAME AS FUTURE
Airport Property Line	---	---	---
Parcel Boundary	---	---	---
Chain Link Fence	---	---	SAME AS FUTURE
Off Airport Chain Link Fence	---	---	SAME AS EXISTING
Livestock Fence	---	---	SAME AS EXISTING
Ground Elevation Contours (10 foot, NAD83/NAVD88)	---	N/A	N/A
Airport Reference Point (ARP)	⬮	SAME AS EXISTING	SAME AS EXISTING
Survey Monuments	⬮	SAME AS EXISTING	SAME AS EXISTING
Precision Approach Path Indicators	---	---	---
Runway End Identifier Lights	---	N/A	---
Segmented Circle	---	---	SAME AS EXISTING
Windcone	---	---	---
Pavement Markings	---	---	---
Pavement Markings - Future and Ultimate	---	---	SAME AS FUTURE
Aviation Easement	N/A	---	SAME AS FUTURE
Land Acquisition	N/A	---	SAME AS FUTURE
Removed Pavement	N/A	---	SAME AS FUTURE

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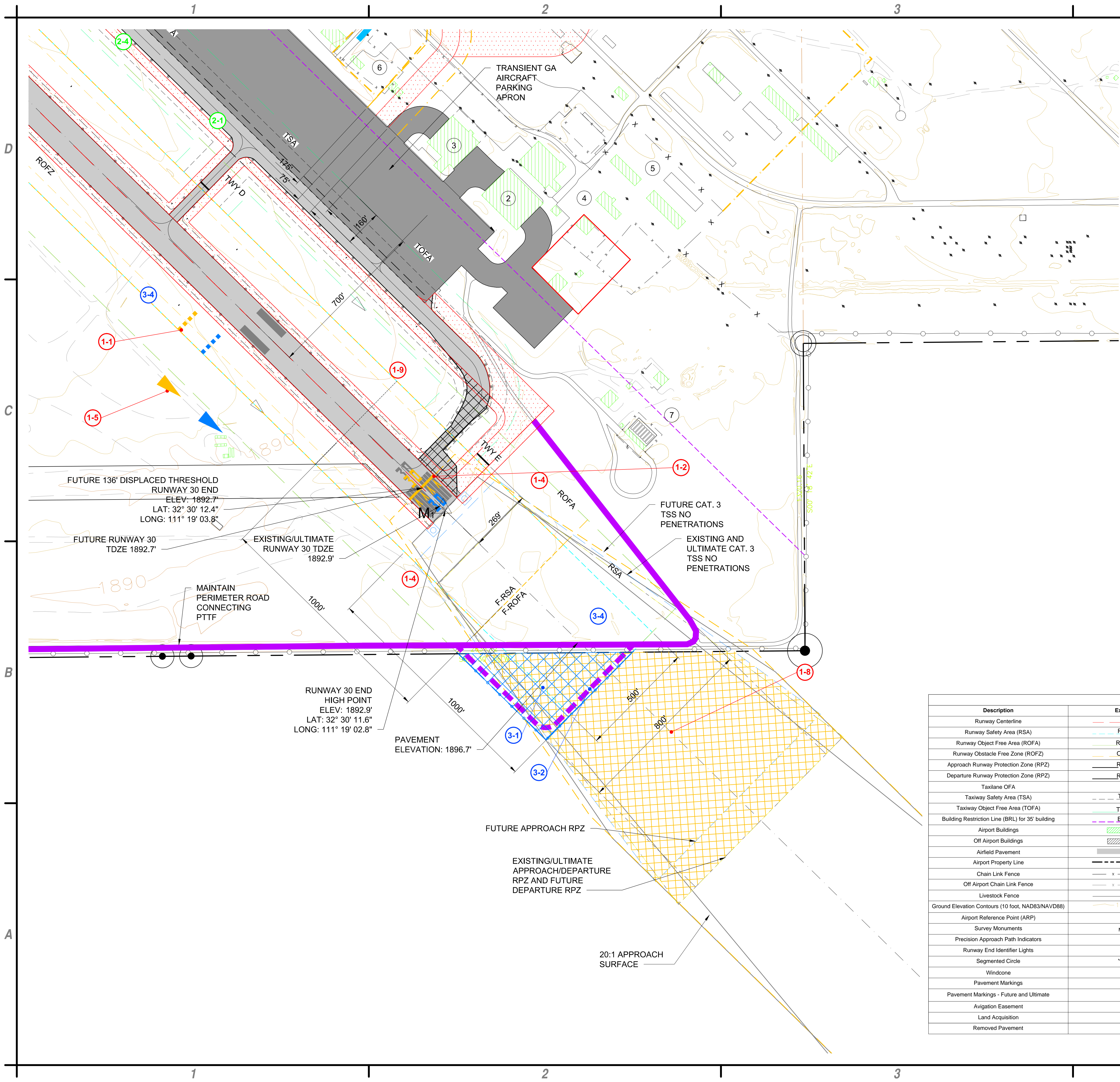


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PINAL AIRPARK
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ARIZONA

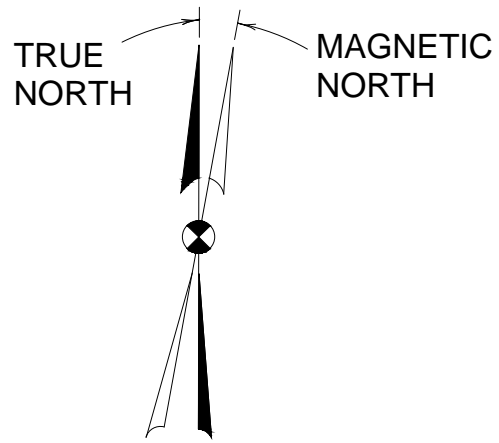
MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:	M90.001.001	
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DRAWN BY:	KRY	
DESIGNED BY:	CPS	
CHECKED BY:	DSS	

AIRPORT
LAYOUT PLAN



DEVELOPMENT PROJECT PHASING	
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3-3	Runway reconstruction and widening of shoulders to 35 feet; restore runway threshold (remark pavement) and remove declared distances; relocate lighting and NAVAIDS
3-4	Upgrade runway lighting to HIRL and install REILs

- NOTES:
1. SOURCE OF PROPERTY BOUNDARY: PINAL COUNTY GROUND SURVEY, APRIL 2015
 2. REFER TO ALP DRAWING FOR PROJECTS NOT DEPICTED ON OR NEAR RUNWAY 30 END.



MAGNETIC DECLINATION = 10.33° E (JANUARY 2014)
ANNUAL RATE OF CHANGE = -6.1 MIN/YEAR

PLAN

SCALE: 1" = 600'
0 600' 1200'

LEGEND			
Description	Existing	Future	Ultimate
Runway Centerline	---	SAME AS EXISTING	SAME AS EXISTING
Runway Safety Area (RSA)	---	F-RSA	SAME AS EXISTING
Runway Object Free Area (ROFA)	---	F-ROFA	SAME AS EXISTING
Runway Obstacle Free Zone (ROFZ)	---	SAME AS EXISTING	SAME AS EXISTING
Approach Runway Protection Zone (RPZ)	---	RPZ	SAME AS EXISTING
Departure Runway Protection Zone (RPZ)	---	SAME AS EXISTING	SAME AS EXISTING
Taxiway OFA	N/A	---	SAME AS FUTURE
Taxiway Safety Area (TSA)	---	SAME AS EXISTING	SAME AS EXISTING
Taxiway Object Free Area (TOFA)	---	SAME AS EXISTING	SAME AS EXISTING
Building Restriction Line (BRL) for 35' building	---	SAME AS EXISTING	SAME AS EXISTING
Airport Buildings	█	█	SAME AS FUTURE
Off Airport Buildings	█	SAME AS EXISTING	SAME AS EXISTING
Airfield Pavement	█	█	SAME AS FUTURE
Airport Property Line	---	---	---
Chain Link Fence	--- x ---	--- x ---	SAME AS FUTURE
Off Airport Chain Link Fence	--- x ---	SAME AS EXISTING	SAME AS EXISTING
Livestock Fence	---	SAME AS EXISTING	---
Ground Elevation Contours (10 foot, NAD83/NAVD88)	1880	N/A	N/A
Airport Reference Point (ARP)	M	SAME AS EXISTING	SAME AS EXISTING
Survey Monuments	M	SAME AS EXISTING	SAME AS EXISTING
Precision Approach Path Indicators	N/A	----	----
Runway End Identifier Lights	N/A	N/A	█
Segmented Circle	○	○	SAME AS EXISTING
Windcone	▽	▽	▽
Pavement Markings	30	30	30
Pavement Markings - Future and Ultimate	12	12	SAME AS FUTURE
Aviation Easement	N/A	█	SAME AS FUTURE
Land Acquisition	N/A	█	SAME AS FUTURE
Removed Pavement	N/A	█	SAME AS FUTURE

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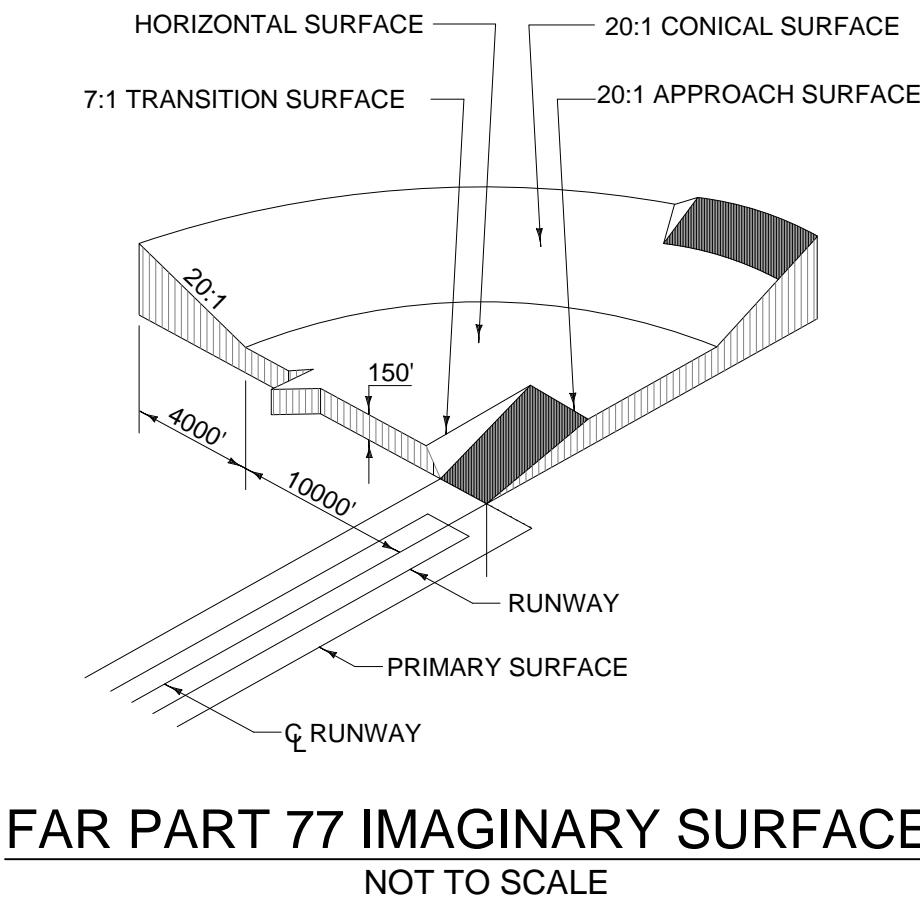
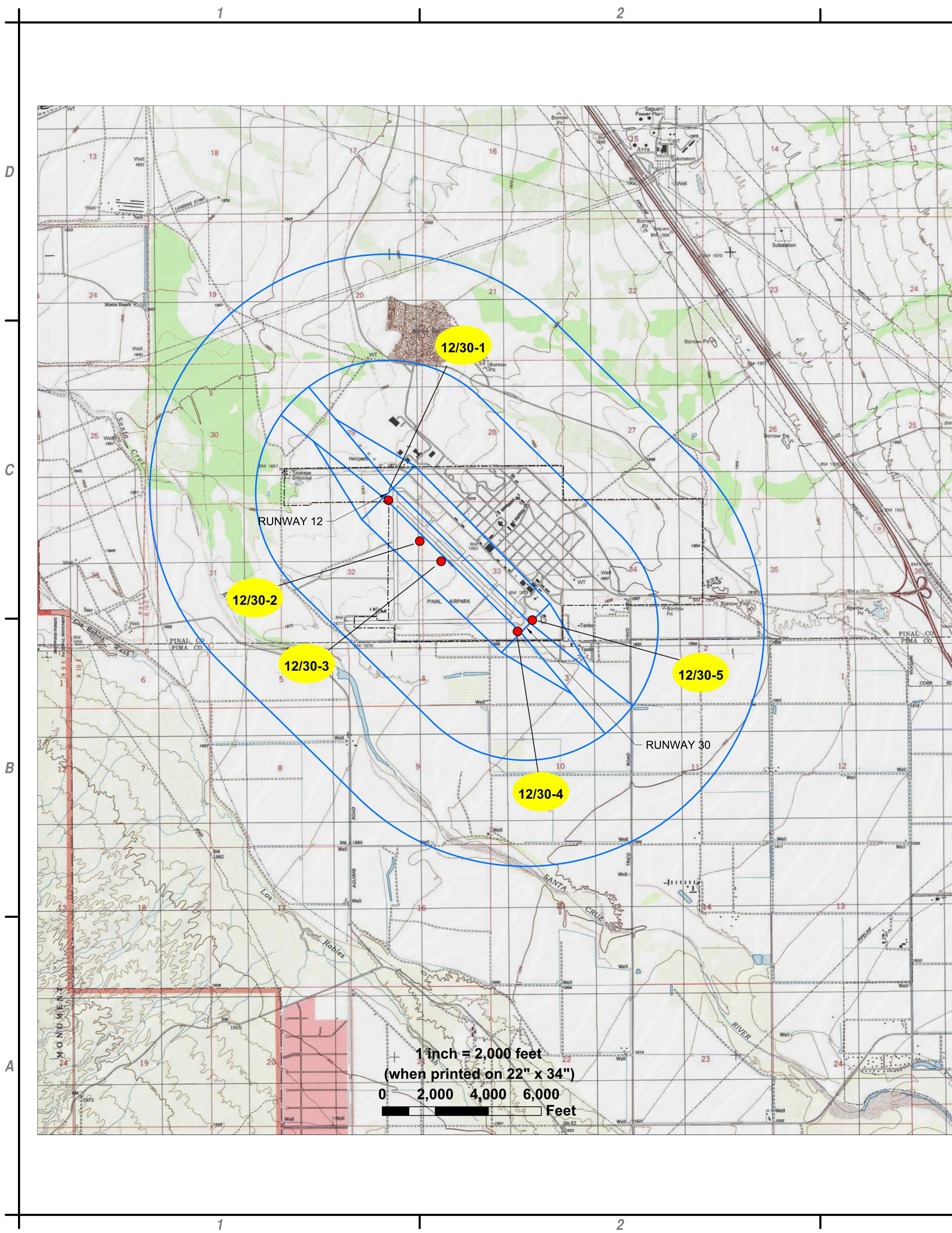


FINAL AIRPORT LAYOUT PLAN
PINAL AIRPARK
PINAL COUNTY
ARIZONA

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: M90.001.001		
DATE: SEPTEMBER 2015		
DRAWN BY: KRY		
DESIGNED BY: CPS		
CHECKED BY: DSS		

RUNWAY 30 END

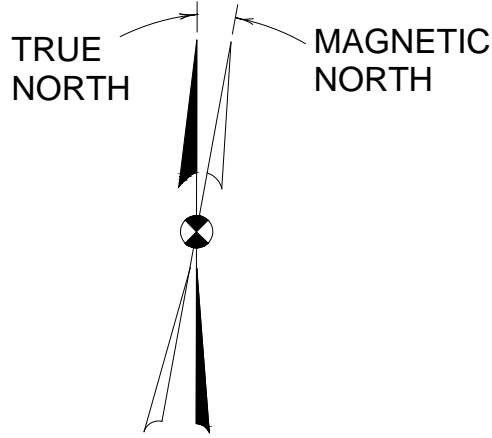
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Runway 12/30 Obstruction Table								
Number	Description	Distance to End	Offset	Direction	Height Above Mean Sea Level	Penetration	Surface Penetrated	Proposed Disposition
12/30-1	BUSH	1.31' From RWY 12 End	198.94	East	1876.73	1.86	Primary	Remove
12/30-2	AIRCRAFT	1926.48' From RWY 12 End	467.58	Southeast	1918.82	9.48	Transitional	Reposition
12/30-3	AIRCRAFT	3034.45' From RWY 12 End	445.74	Southeast	1908.66	0.06	Transitional	Reposition
12/30-4	BUSH	96.44' From RWY 30 End	305.80	Southwest	1902.03	1.44	Transitional	Remove
12/30-5	BUSH	194.45' From RWY 30 End	385.31	Southeast	1903.94	-8.46	Transitional	Remove

DATE OF OBSTRUCTION SURVEY: 2013

PIMA COUNTY CODE ESTABLISHES A HEIGHT AND LAND USE OVERLAY ZONE SURROUNDING THE SOUTHERN EDGE OF THE AIRPORT WHERE THE SAFETY ZONES AND FAR PART 77 IMAGINARY SURFACES EXTEND OVER PIMA COUNTY LAND. THE SPECIFIC HEIGHT RESTRICTIONS CAN BE FOUND IN PIMA COUNTY CODE, CHAPTER 18.57, AIRPORT ENVIRONS AND FACILITIES.



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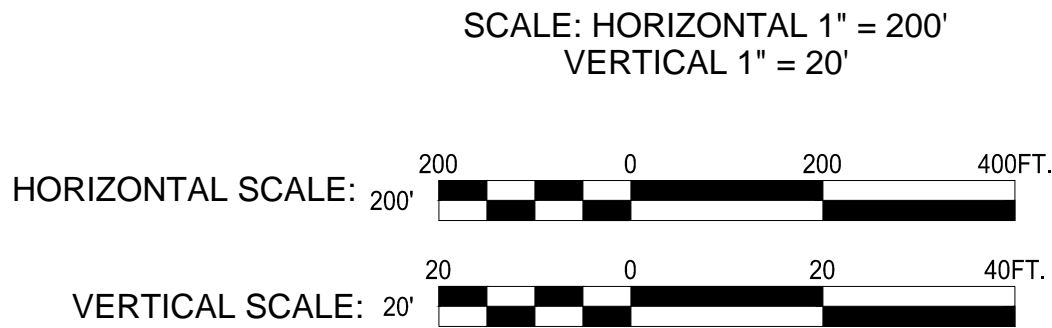
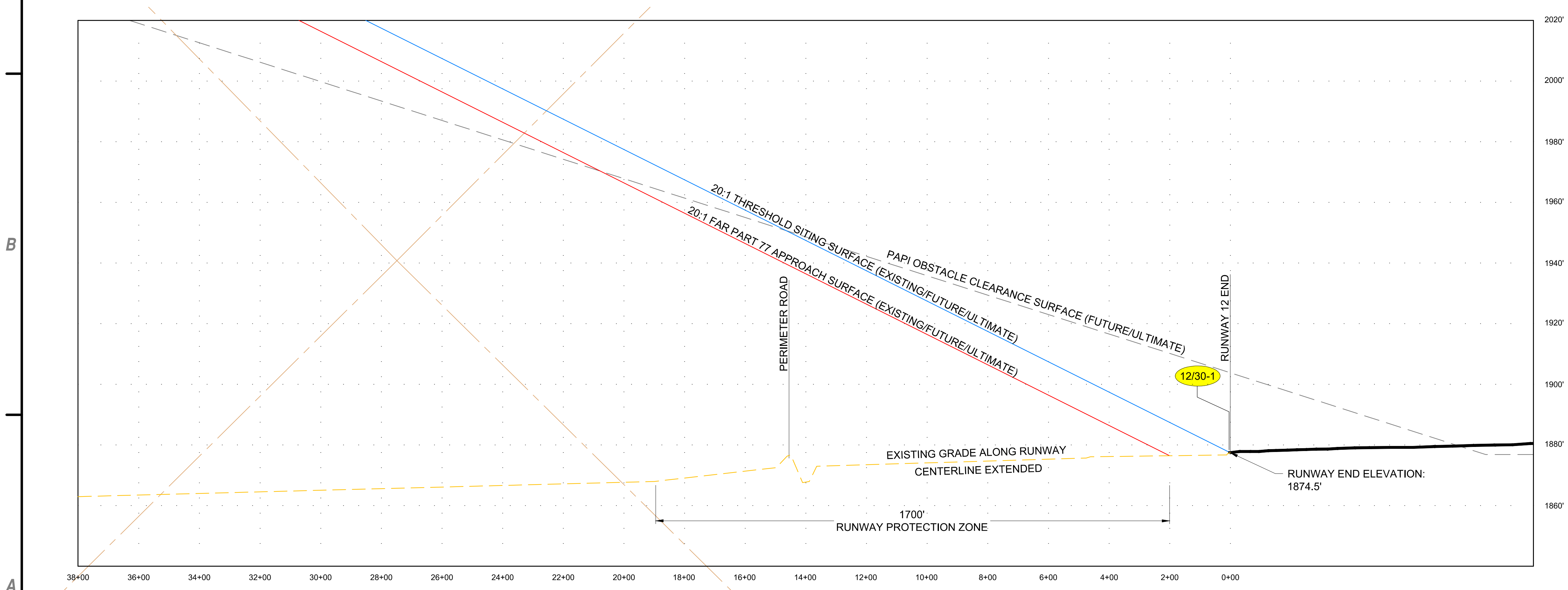
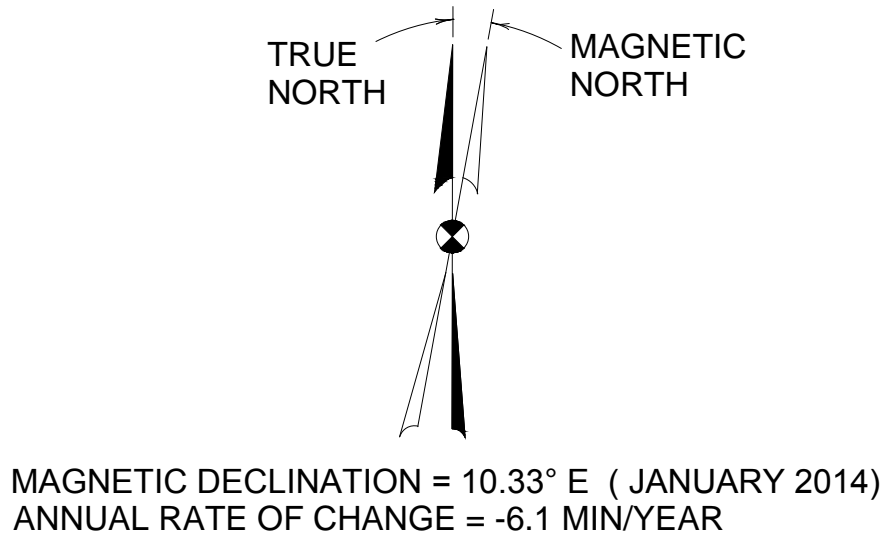
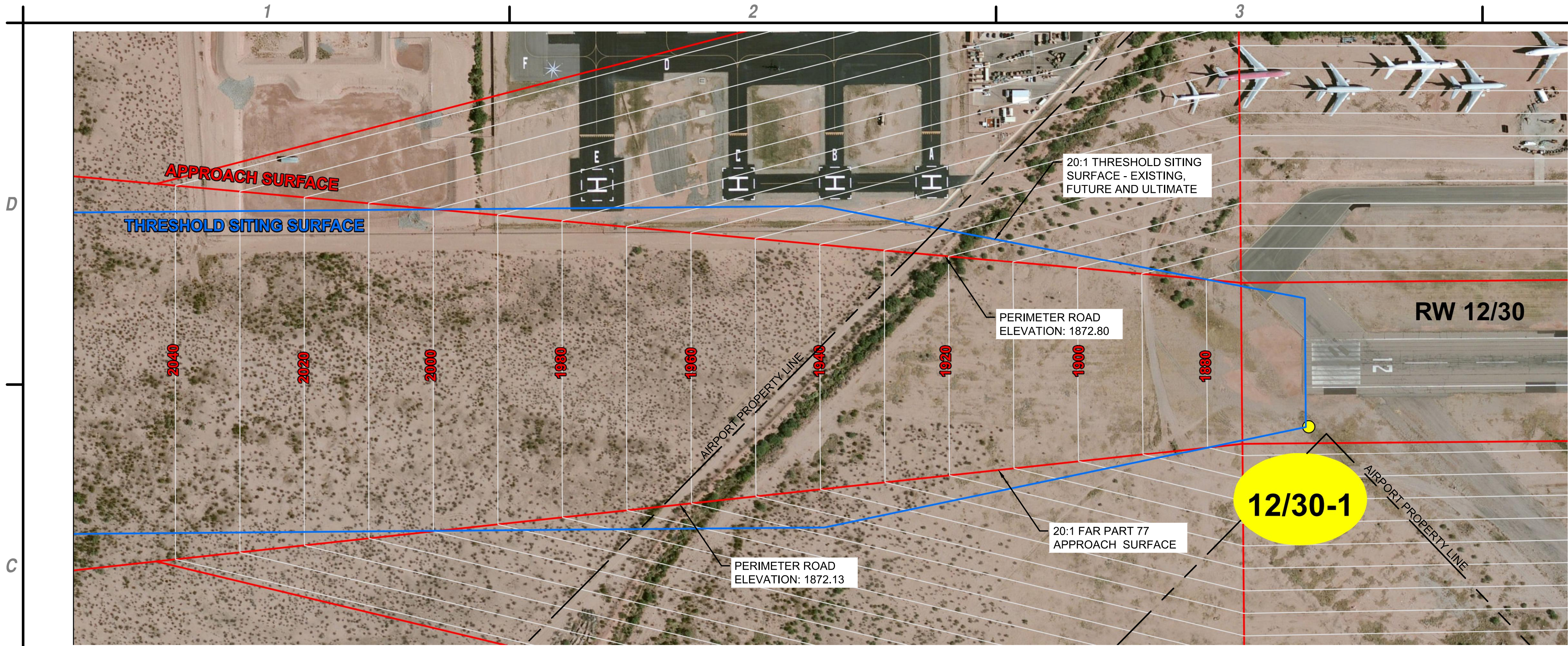


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PINAL AIRPARK
PINAL COUNTY
ARIZONA**

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**AIRPORT
AIRSPACE PLAN**



Runway 12/30 Obstruction Table								
Number	Description	Distance to End	Offset	Direction	Height Above Mean Sea Level	Penetration	Surface Penetrated	Proposed Disposition
12/30-1	BUSH	1.31	198.94	L	1876.73	1.86	Primary	Remove
12/30-2	AIRCRAFT	1926.48	467.58	R	1918.82	9.48	Transitional	Reposition
12/30-3	AIRCRAFT	3034.45	445.74	R	1908.66	0.06	Transitional	Reposition

DATE OF OBSTRUCTION SURVEY: 2013



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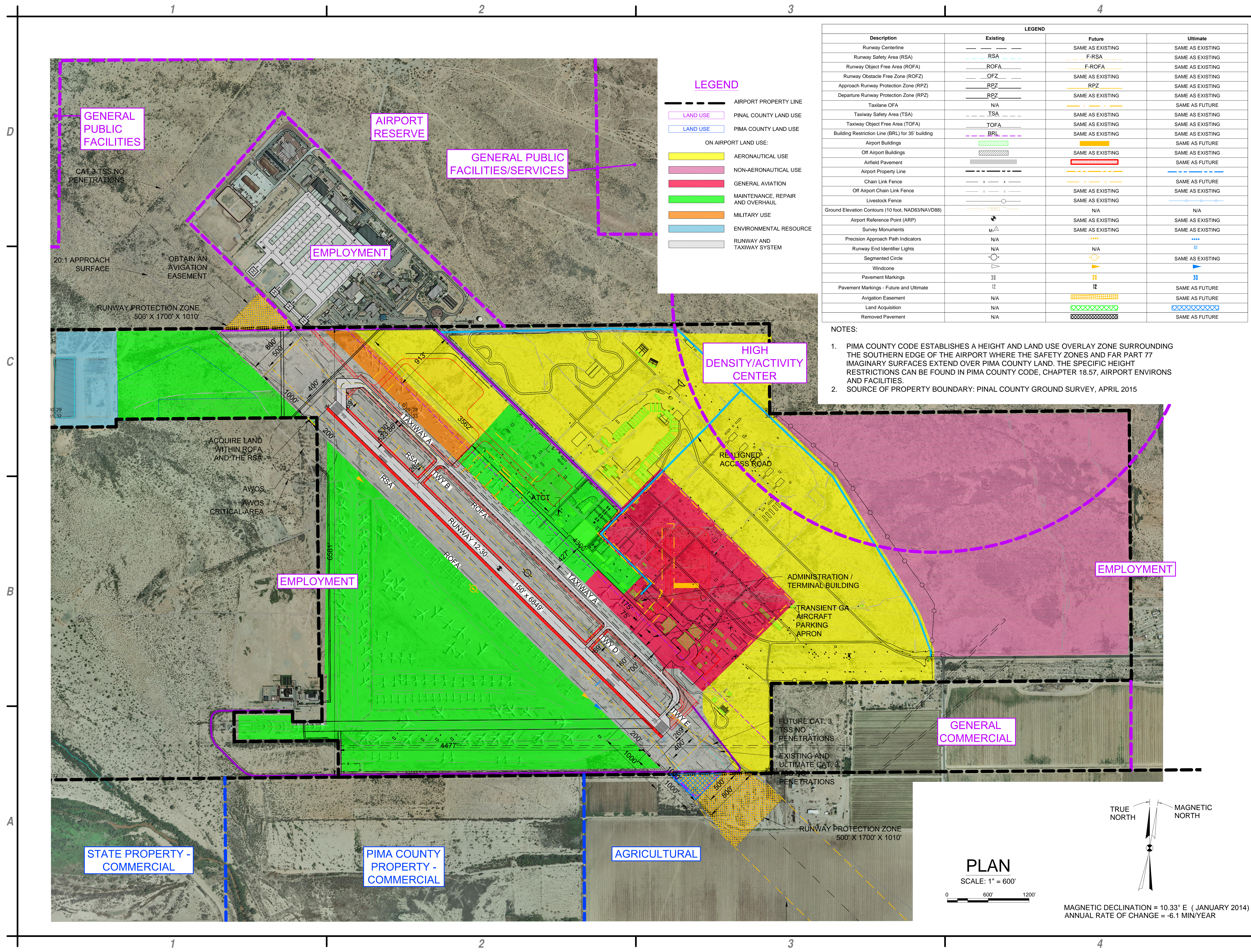


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RUNWAY 12
INNER APPROACH
PLAN AND
PROFILE

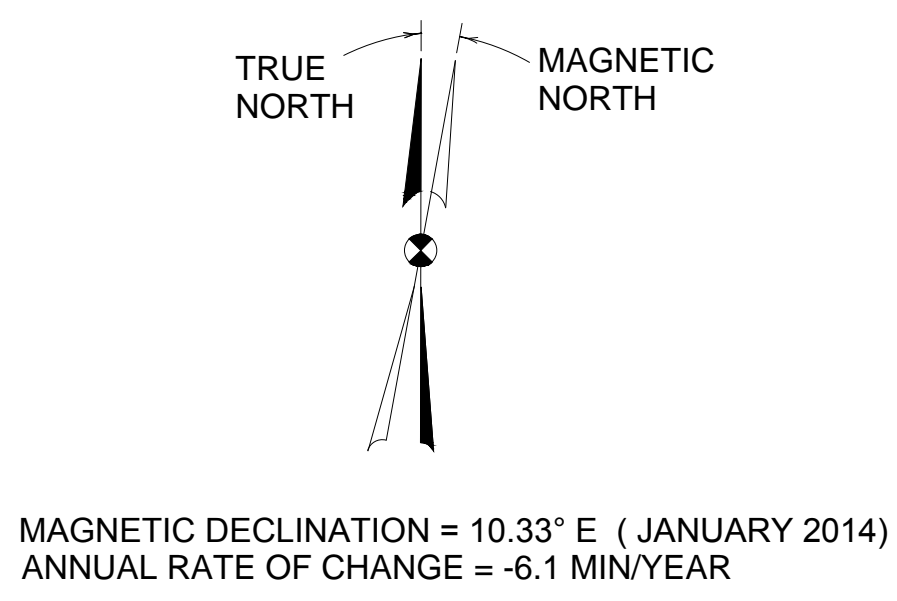
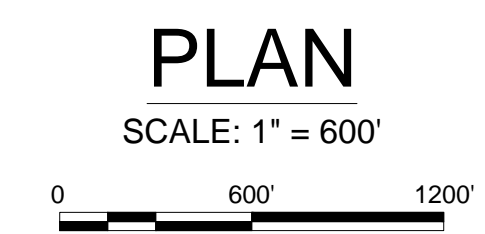


LEGEND

---	AIRPORT PROPERTY LINE
LAND USE	PINAL COUNTY LAND USE
LAND USE	PIMA COUNTY LAND USE
ON AIRPORT LAND USE:	
	AERONAUTICAL USE
	NON-AERONAUTICAL USE
	GENERAL AVIATION
	MAINTENANCE, REPAIR AND OVERHAUL
	MILITARY USE
	ENVIRONMENTAL RESOURCE
	RUNWAY AND TAXIWAY SYSTEM

LEGEND			
Description	Existing	Future	Ultimate
Runway Centerline	---	SAME AS EXISTING	SAME AS EXISTING
Runway Safety Area (RSA)	---	F-RSA	SAME AS EXISTING
Runway Object Free Area (ROFA)	---	F-ROFA	SAME AS EXISTING
Runway Obstacle Free Zone (ROFZ)	---	SAME AS EXISTING	SAME AS EXISTING
Approach Runway Protection Zone (RPZ)	---	RPZ	SAME AS EXISTING
Departure Runway Protection Zone (RPZ)	---	SAME AS EXISTING	SAME AS EXISTING
Taxilane OFA	---	---	SAME AS FUTURE
Taxiway Safety Area (TSA)	---	SAME AS EXISTING	SAME AS EXISTING
Taxiway Object Free Area (TOFA)	---	SAME AS EXISTING	SAME AS EXISTING
Building Restriction Line (BRL) for 35' building	---	SAME AS EXISTING	SAME AS EXISTING
Airport Buildings	---	---	SAME AS FUTURE
Off Airport Buildings	---	SAME AS EXISTING	SAME AS EXISTING
Airfield Pavement	---	---	SAME AS FUTURE
Airport Property Line	---	---	SAME AS FUTURE
Chain Link Fence	---	---	SAME AS FUTURE
Off Airport Chain Link Fence	---	SAME AS EXISTING	SAME AS EXISTING
Livestock Fence	---	SAME AS EXISTING	SAME AS EXISTING
Ground Elevation Contours (10 foot, NAD83/NAVD88)	---	N/A	N/A
Airport Reference Point (ARP)	---	SAME AS EXISTING	SAME AS EXISTING
Survey Monuments	---	SAME AS EXISTING	SAME AS EXISTING
Precision Approach Path Indicators	---	---	---
Runway End Identifier Lights	---	---	---
Segmented Circle	---	---	SAME AS EXISTING
Windcone	---	---	---
Pavement Markings	---	---	---
Pavement Markings - Future and Ultimate	---	---	SAME AS FUTURE
Avigation Easement	---	---	SAME AS FUTURE
Land Acquisition	---	---	SAME AS FUTURE
Removed Pavement	---	---	SAME AS FUTURE

- NOTES:
- PIMA COUNTY CODE ESTABLISHES A HEIGHT AND LAND USE OVERLAY ZONE SURROUNDING THE SOUTHERN EDGE OF THE AIRPORT WHERE THE SAFETY ZONES AND FAR PART 77 IMAGINARY SURFACES EXTEND OVER PIMA COUNTY LAND. THE SPECIFIC HEIGHT RESTRICTIONS CAN BE FOUND IN PIMA COUNTY CODE, CHAPTER 18.57, AIRPORT ENVIRONS AND FACILITIES.
 - SOURCE OF PROPERTY BOUNDARY: PINAL COUNTY GROUND SURVEY, APRIL 2015



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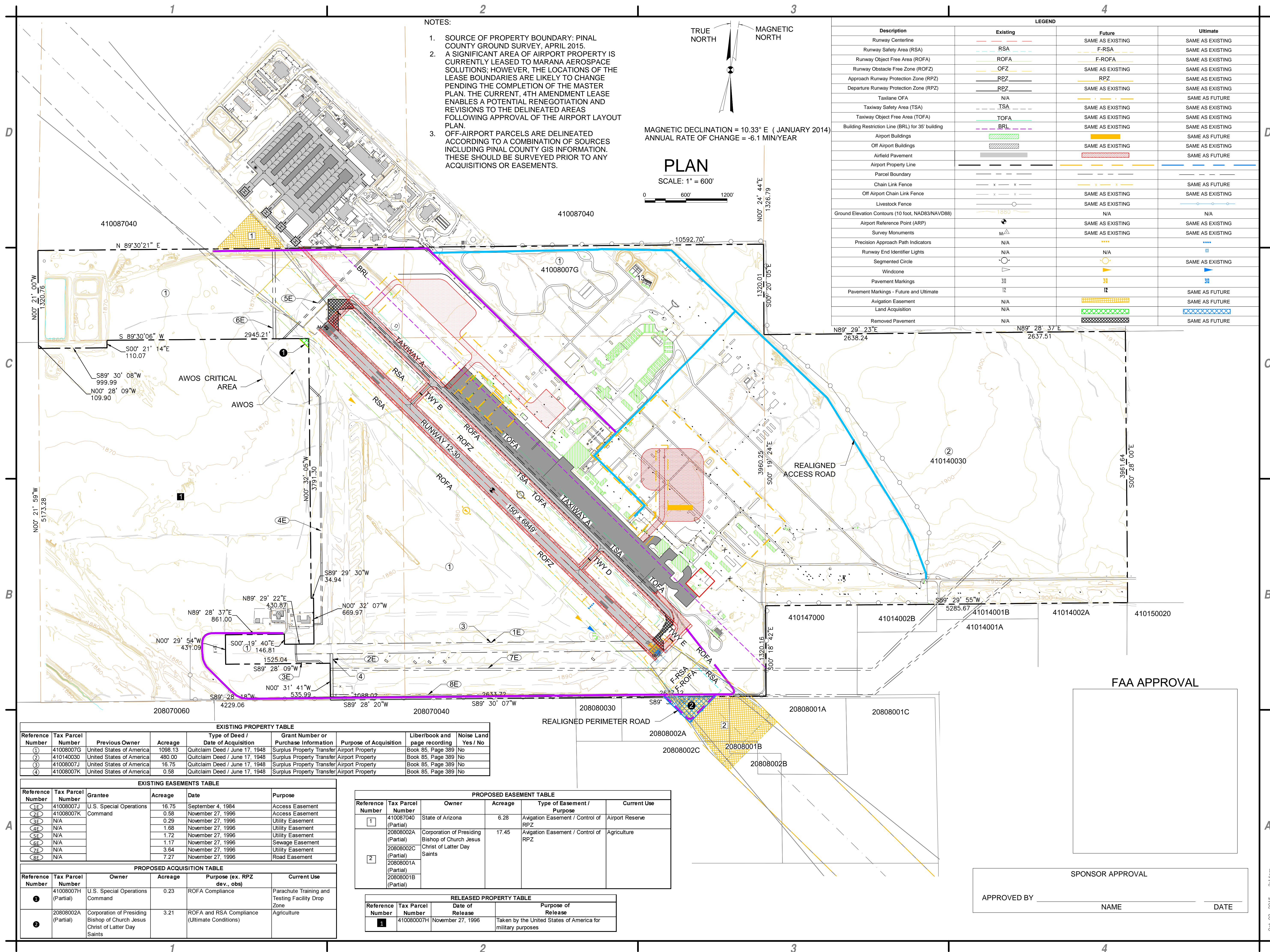
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LAND USE AND GROUND ACCESS PLAN

9 OF 10

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EXHIBIT "A"
PROPERTY
INVENTORY MAP

10 OF 10