MARANA REGIONAL AIRPORT

MARANA, AZ

AIRPORT LAYOUT PLAN

DRAFT

PREPARED BY:

ARMSTRONG CONSULTANTS, INC.

ADOT NO. E5S3N
A.C.I. PROJECT NO. 156259
DATE: SEPTEMBER 2016

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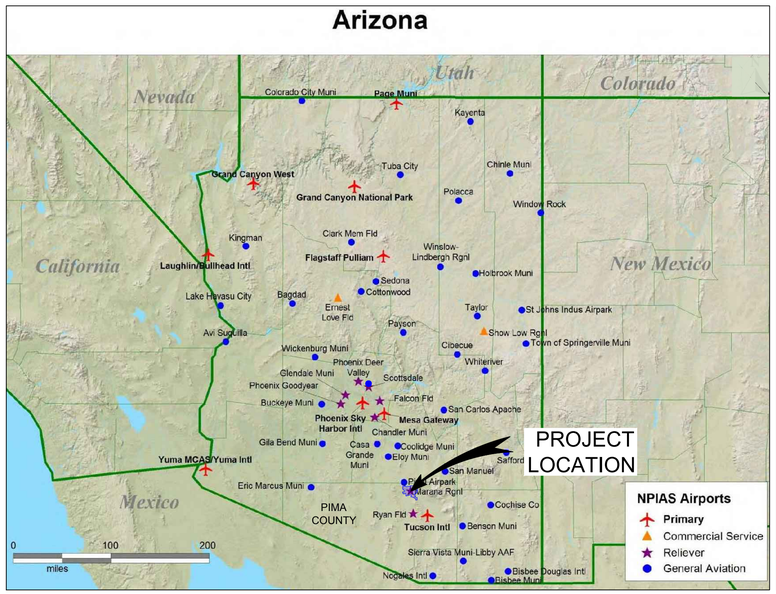
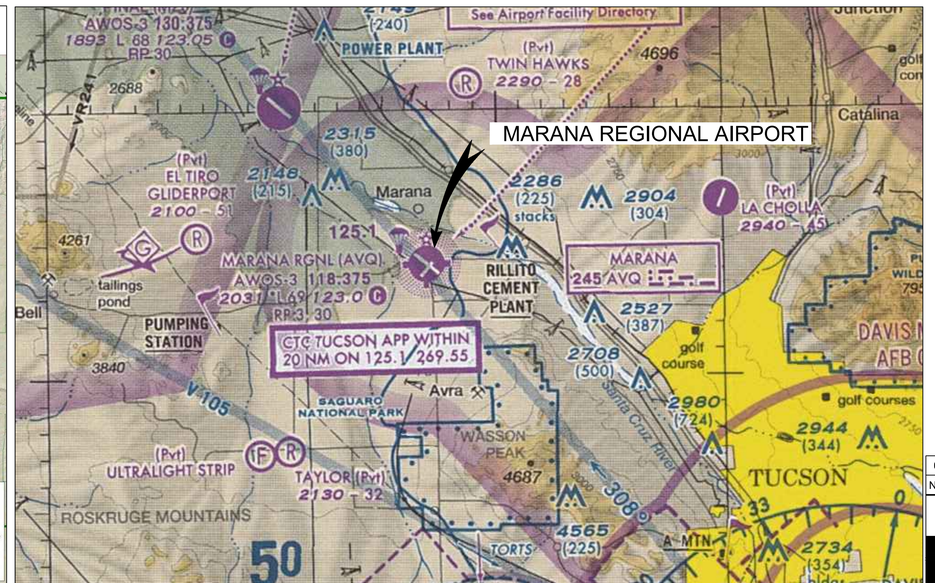
(E = EXISTING, F = FUTURE, U = ULTIMATE)



LOCATION MAP

NTS



VICINITY MAP

NTS

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
0	156259	09/2016	ORIGINAL ISSUE	6259501	GMR	CRM	JZP

THE PREPARATION OF THIS DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM FINANCIAL ASSISTANCE FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER TITLE 49 U.S.C., SECTION 47104. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE OR WOULD HAVE JUSTIFICATION IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

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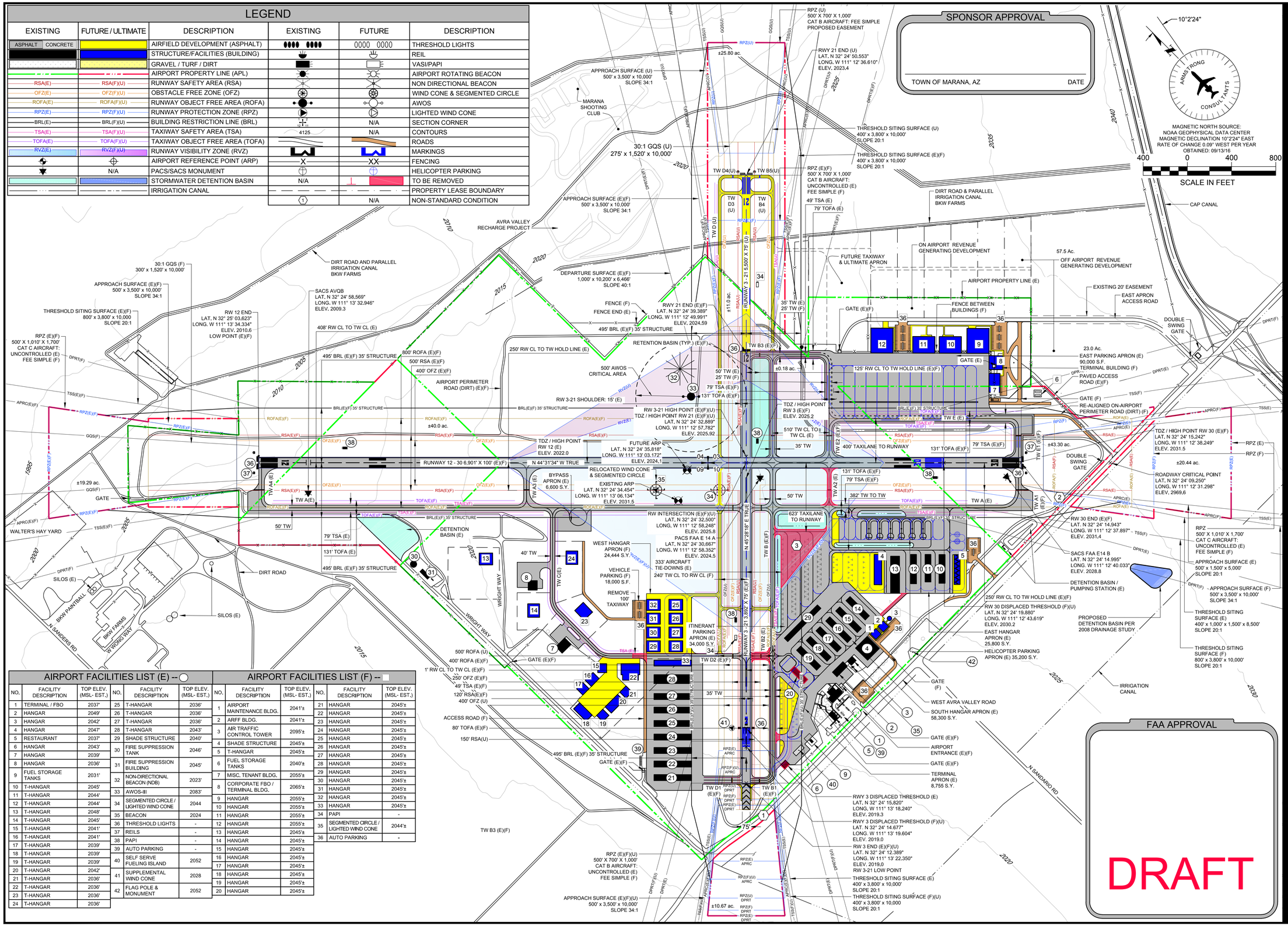
6259501

LEGEND

EXISTING	FUTURE / ULTIMATE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
ASPHALT / CONCRETE		AIRFIELD DEVELOPMENT (ASPHALT)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		GRAVEL / TURF / DIRT			VASI/PAPI
		AIRPORT PROPERTY LINE (APL)			AIRPORT ROTATING BEACON
RSA(E)	RSA(F)(U)	RUNWAY SAFETY AREA (RSA)			NON DIRECTIONAL BEACON
OFZ(E)	OFZ(F)(U)	OBSTACLE FREE ZONE (OFZ)			WIND CONE & SEGMENTED CIRCLE
ROFA(E)	ROFA(F)(U)	RUNWAY OBJECT FREE AREA (ROFA)			AWOS
RPZ(E)	RPZ(F)(U)	RUNWAY PROTECTION ZONE (RPZ)			LIGHTED WIND CONE
BRL(E)	BRL(F)(U)	BUILDING RESTRICTION LINE (BRL)		N/A	SECTION CORNER
TSA(E)	TSA(F)(U)	TAXIWAY SAFETY AREA (TSA)	4125	N/A	CONTOURS
TOFA(E)	TOFA(F)(U)	TAXIWAY OBJECT FREE AREA (TOFA)			ROADS
RVZ(E)	RVZ(F)(U)	RUNWAY VISIBILITY ZONE (RVZ)			MARKINGS
		AIRPORT REFERENCE POINT (ARP)			FENCING
	N/A	PACS/SACS MONUMENT			HELICOPTER PARKING
		STORMWATER DETENTION BASIN	N/A		TO BE REMOVED
		IRRIGATION CANAL			PROPERTY LEASE BOUNDARY
			1	N/A	NON-STANDARD CONDITION



AIRPORT FACILITIES LIST (E) --

NO.	FACILITY DESCRIPTION	TOP ELEV. (MSL- EST.)
1	TERMINAL / FBO	2037'
2	HANGAR	2049'
3	HANGAR	2042'
4	HANGAR	2047'
5	RESTAURANT	2037'
6	HANGAR	2043'
7	HANGAR	2039'
8	HANGAR	2036'
9	FUEL STORAGE TANKS	2031'
10	T-HANGAR	2045'
11	T-HANGAR	2044'
12	T-HANGAR	2044'
13	T-HANGAR	2048'
14	T-HANGAR	2045'
15	T-HANGAR	2041'
16	T-HANGAR	2041'
17	T-HANGAR	2039'
18	T-HANGAR	2039'
19	T-HANGAR	2039'
20	T-HANGAR	2042'
21	T-HANGAR	2036'
22	T-HANGAR	2036'
23	T-HANGAR	2036'
24	T-HANGAR	2036'
25	T-HANGAR	2036'
26	T-HANGAR	2036'
27	T-HANGAR	2036'
28	T-HANGAR	2043'
29	SHADE STRUCTURE	2040'
30	FIRE SUPPRESSION TANK	2046'
31	FIRE SUPPRESSION BUILDING	2045'
32	NON-DIRECTIONAL BEACON (NDB)	2023'
33	AWOS-III	2083'
34	SEGMENTED CIRCLE / LIGHTED WIND CONE	2044
35	BEACON	2024
36	THRESHOLD LIGHTS	-
37	REILS	-
38	PAPI	-
39	AUTO PARKING	-
40	SELF SERVE FUELING ISLAND	2052
41	SUPPLEMENTAL WIND CONE	2028
42	FLAG POLE & MONUMENT	2052

AIRPORT FACILITIES LIST (F) --

NO.	FACILITY DESCRIPTION	TOP ELEV. (MSL- EST.)
1	AIRPORT MAINTENANCE BLDG.	2041'±
2	ARFF BLDG.	2041'±
3	AIR TRAFFIC CONTROL TOWER	2095'±
4	SHADE STRUCTURE	2045'±
5	T-HANGAR	2045'±
6	FUEL STORAGE TANKS	2040'±
7	MISC. TENANT BLDG.	2055'±
8	CORPORATE FBO / TERMINAL BLDG.	2065'±
9	HANGAR	2055'±
10	HANGAR	2055'±
11	HANGAR	2055'±
12	HANGAR	2055'±
13	HANGAR	2045'±
14	HANGAR	2045'±
15	HANGAR	2045'±
16	HANGAR	2045'±
17	HANGAR	2045'±
18	HANGAR	2045'±
19	HANGAR	2045'±
20	HANGAR	2045'±
21	HANGAR	2045'±
22	HANGAR	2045'±
23	HANGAR	2045'±
24	HANGAR	2045'±
25	HANGAR	2045'±
26	HANGAR	2045'±
27	HANGAR	2045'±
28	HANGAR	2045'±
29	HANGAR	2045'±
30	HANGAR	2045'±
31	HANGAR	2045'±
32	HANGAR	2045'±
33	HANGAR	2045'±
34	PAPI	-
35	SEGMENTED CIRCLE / LIGHTED WIND CONE	2044'±
36	AUTO PARKING	-

FAA APPROVAL

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MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

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0	156295	09/2016	ORIGINAL ISSUE	6259502	GMR	CRM	JZP

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AIRPORT LAYOUT PLAN

RUNWAY DATA

ITEM		RW 12/30 - EXISTING (E)		RW 12/30 - FUTURE (F)		RW 3/21 - EXISTING (E)		RW 3/21 - FUTURE (F)		RW 3/21 - ULTIMATE (U)	
RUNWAY IDENTIFICATION		12	30	12	30	3	21	3	21	3	21
RUNWAY DESIGN CODE (RDC)		C-II/5,000	C-II/VIS	C-II/5,000	C-II/5,000	B-I/5,000		B-I/5,000		B-II/5,000	
SURFACE MATERIAL, PAVEMENT STRENGTH & MATERIAL TYPE	SURFACE MATERIAL	ASPHALT		ASPHALT		ASPHALT		ASPHALT		ASPHALT	
	STRENGTH BY WHEEL LOADING (LBS)	75,000 SWG; 100,000 DWG; 300,000 DTWG		75,000 SWG; 100,000 DWG; 300,000 DTWG		75,000 SWG; 100,000 DWG; 150,000 DTWG		75,000 SWG; 100,000 DWG; 150,000 DTWG		75,000 SWG; 100,000 DWG; 150,000 DTWG	
	PCN (FOR BEARING STRENGTH OF 12,500 LBS OR GREATER)	2/F/C/YT		TBD		3/F/C/Y/T		TBD		TBD	
	SURFACE TREATMENT	NONE		NONE		NONE		NONE		NONE	
RUNWAY GRADIENT	EFFECTIVE (%)	0.30		0.30		0.14		0.14		0.12	
	MAXIMUM (%)	0.30		0.30		0.18		0.18		0.17	
	LINE OF SIGHT MET (Y OR N)	N_1		Y		N_1		Y		Y	
PERCENT WIND COVERAGE	A-I / B-I - 10.5 KTS	94.61		94.61		92.25		92.25		92.25	
	A-II / B-II - 13 KTS	96.93		96.93		95.61		95.61		95.61	
	A/B-II, C-I through C-III-16 KTS	98.88		98.88		98.67		98.67		98.67	
RUNWAY DIMENSIONS (FT)		6,901' x 100'		6,901' x 100'		3,892' x 75'		3,892' x 75'		5,500' x 75'	
RUNWAY SAFETY AREA (RSA)	WIDTH (FT)	500		500		120		120		150	
	LENGTH BEYOND RUNWAY END (FT)	$1,000_2$	1,000	1,000	1,000	240	240	240	240	300	300
RUNWAY COORDINATES (NAD 83)	RUNWAY END LATITUDE	N32°25'03.613"	N32°24'14.933"	N32°25'03.613"	N32°24'14.933"	N32°24'12.379"	N32°24'39.379"	N32°24'12.379"	N32°24'39.379"	N32°24'12.379"	N32°24'50.553
	RUNWAY END LONGITUDE	W111°13'34.355"	W111°12'37.918"	W111°13'34.355"	W111°12'37.918"	W111°13'22.371"	W111°12'50.012"	W111°13'22.371"	W111°12'50.012"	W111°13'22.371"	W111°12'36.610
	DISPLACED THRESHOLD LAT.	N/A	N/A	N/A	N032°24'19.880"	N32°24'15.820"	N/A	N32°24'14.677"	N/A	N32°24'14.677"	N/A
	DISPLACED THRESHOLD LONG.	N/A	N/A	N/A	W111°12'43.619"	W111°13'18.240"	N/A	N111°13'19.604"	N/A	N111°13'19.604"	N/A
RUNWAY ELEVATIONS (NAVD 88)	RUNWAY END (FT)	2,010.6	2,031.4	2,010.6	2,031.4	2,019.0	2,024.6	2,019.0	2,024.6	2,019.0	2,023.4
	DISPLACED THRESHOLD (FT)	N/A	N/A	N/A	2030.17	2,019.33	N/A	2,019.00	N/A	2,019.00	N/A
	TOUCHDOWN ZONE (TDZ) (FT)	2,022.0	2,031.5	2,022.0	2,031.5	2,025.2	2,025.9	2,025.2	2,025.9	2,025.2	2,025.9
	HIGH POINT (FT)	2,031.5		2,031.5		2,025.9		2,025.9		2,025.9	
	LOW POINT (FT)	2,010.6		2,010.6		2,019.0		2,019.0		2,019.0	
RUNWAY LIGHTING TYPE		MIRL		MIRL		MIRL		MIRL		MIRL	
RUNWAY PROTECTION ZONE (RPZ) (FT)		500 X 1,010 X 1,700	500 X 1,010 X 1,700	500 X 1,010 X 1,700	500 X 1,010 X 1,700	500 X 700 X 1,000	500 X 700 X 1,000	500 X 700 X 1,000	500 X 700 X 1,000	500 X 700 X 1,000	500 X 700 X 1,000
RUNWAY MARKING TYPE		NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	BASIC	BASIC	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
14 CFR PART 77 APPROACH SURFACES	APPROACH TYPE	NON-PRECISION	VISUAL	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
	VISIBILITY MINIMUMS (SM)	≥ 1 MILE	VIS	≥ 1 MILE	≥ 1 MILE	≥ 1 MILE	≥ 1 MILE	≥ 1 MILE	≥ 1 MILE	≥ 1 MILE	≥ 1 MILE
	APPROACH SURFACE DIMENSIONS (FT)	500 X 3,500 X 10,000	500 X 1,500 X 5,000	500 X 3,500 X 10,000	500 X 3,500 X 10,000	500 X 3,500 X 10,000	500 X 3,500 X 10,000	500 X 3,500 X 10,000	500 X 3,500 X 10,000	500 X 3,500 X 10,000	500 X 3,500 X 10,000
	APPROACH SURFACE SLOPE	34:1	20:1	34:1	34:1	34:1	34:1	34:1	34:1	34:1	34:1
TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH		N/A	N/A	N/A	NVGS	N/A	N/A	N/A	N/A	N/A	N/A
RUNWAY DEPARTURE SURFACE (YES OR N/A)		YES	N/A	YES	YES	YES	YES	YES	YES	YES	YES
RUNWAY OBJECT FREE AREA (ROFA)	WIDTH (FT)	800		800		400		400		500	
	LENGTH BEYOND RUNWAY END (FT)	$1,000_2$	1,000	1,000	1,000	240_2	240	240	240	300	300
OBSTACLE FREE ZONE (OFZ)	WIDTH (FT)	400		400		250		250		400	
	LENGTH BEYOND RUNWAY END (FT)	200	200	200	200	200	200	200	200	200	200
THRESHOLD SITING SURFACE (TSS)	DIMENSIONS (FT)	800 x 3,800 x 10,000	400 x 1,000 x 1,500 x 8,500	800 x 3,800 x 10,000	800 x 3,800 x 10,000	400 x 3,800 x 10,000	400 x 3,800 x 10,000	400 x 3,800 x 10,000	400 x 3,800 x 10,000	400 x 3,800 x 10,000	400 x 3,800 x 10,000
	SLOPE	20:1	20:1	20:1	20:1	20:1	20:1	20:1	20:1	20:1	20:1
	PENETRATIONS	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
VISUAL AND INSTRUMENT NAVAIDS		REIL, PAPI, GPS, NDB	REIL, PAPI	REIL, PAPI, GPS	REIL, PAPI, GPS	PAPI, GPS	PAPI, GPS	REIL,PAPI, GPS	REIL,PAPI, GPS	REIL,PAPI, GPS	REIL,PAPI, GPS

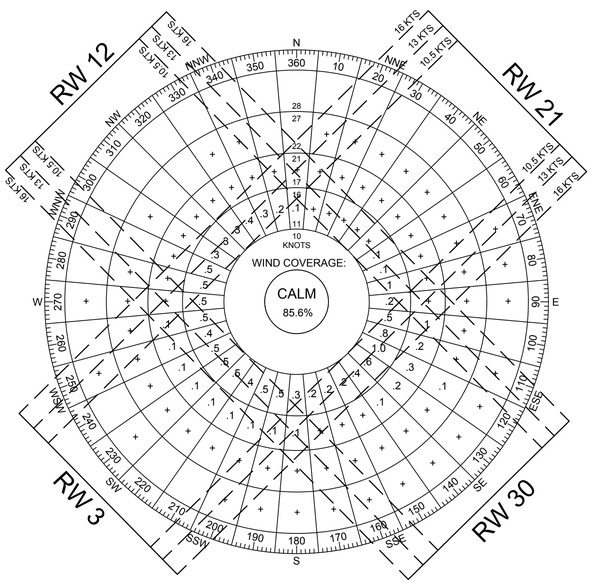
NOTE: 1. RVZ PENETRATED BY AIRCRAFT PARKING APRON.

NOTE: 2. RSA = 495', ROFA = 300' RW 30 (FENCE PENETRATIONS). ROFA = 200' RW 3 (FENCE PENETRATIONS).

AIRPORT DATA

ITEM		EXISTING (E)	FUTURE (F)	ULTIMATE (U)
AIRPORT REFERENCE CODE (ARC)		C-II	C-II	C-II
MEAN MAX. TEMP OF HOTTEST MONTH (°F) (JULY)		101.40	101.40	101.40
AIRPORT ELEVATION (MSL, FT) (NAVD 88) *		2,031.50	2,031.50	2,031.50
AIRPORT NAVIGATIONAL AIDS		BEACON, GPS, NDB	BEACON, GPS	BEACON, GPS
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	LATITUDE	N32° 24' 34.44"	N32° 24' 34.44"	N32° 24' 35.818"
	LONGITUDE	W111° 13' 06.16"	W111° 13' 06.16"	W111° 13' 03.172"
MISCELLANEOUS FACILITIES		AWOS-III, SEGMENTED CIRCLE, WIND CONE	AWOS-III, SEGMENTED CIRCLE, WIND CONE	AWOS-III, SEGMENTED CIRCLE, WIND CONE
ARC AND CRITICAL AIRCRAFT	ARC	C-II	C-II	C-II
	AIRCRAFT	CANADAIR CL-600	CANADAIR CL-600	CANADAIR CL-600
	WINGSPAN (FT)	69,70	69,70	69,70
	UNDERCARRIAGE	10	10	10
	APPROACH SPEED (KTS)	125	125	125
AIRPORT MAGNETIC VARIATION	VARIATION	10° 2' 24" E	TBD	TBD
	DATE	09/13/16	TBD	TBD
	SOURCE	NOAA	TBD	TBD
NPIAS SERVICE LEVEL / ASSET CATEGORY		RELIEVER / REGIONAL	RELIEVER / REGIONAL	RELIEVER / REGIONAL
STATE EQUIVALENT SERVICE		RELIEVER	RELIEVER	RELIEVER

* EXISTING ELEVATIONS & RUNWAY END COORDINATES FROM WOOLPERT INC., SURVEY DATA DATED 10/2015.



RUNWAY	10.5 KNOTS 13 MPH	13 KNOTS 16 MPH	16 KNOTS 20 MPH
12-30	94.61%	96.93%	98.88%
3-21	92.25%	95.61%	98.67%
COMB.	99.24%	99.83%	99.97%

ALL WEATHER WIND ROSE

WIND DATA SOURCE: TUCSON INTERNATIONAL AIRPORT; 2,643' MSL; TIME PERIOD: 2005-2014; 97,876 WIND OBSERVATIONS

TAXIWAY AND TAXILANE DIMENSIONS

TAXIWAYS AND TAXLANES	EXISTING (ALL)		FUTURE (ALL)	
TAXIWAY AND TAXILANE DESIGN GROUP (TDG)	TDG2 / ADG-I	TDG3 / ADG- II	TDG 1A / ADG-I	TDG 1B / ADG-II
TAXIWAY AND TAXILANE DISIGNATION	B	A,C,E & H	B,C & H	A & E
TAXIWAY AND TAXILANE WIDTH (FT)	35	50	25	25
TAXIWAY AND TAXILANE SAFETY AREA (FT)	49	79	49	79
TAXIWAY OBJECT FREE AREA (FT)	89	131	89	131
TAXILANE OBJECT FREE AREA (FT)	79	115	79	115
TAXIWAY SEPARATION (FT)	70	105	70	105
TAXILANE SEPERATION (FT)	64	97	64	97
TAXIWAY CENTERLINE TO FIXED OR MOVABLE OBJECT (FT)	44.5	65.5	44.5	65.5
TAXILANE CENTERLINE TO FIXED OR MOVABLE OBJECT (FT)	39.5	57.5	39.5	57.5
TAXIWAY AND TAXILANE LIGHTING	MITL (EXCEPT C)		MITL	

HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (DAD 83); VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).
ELEVATIONS & RUNWAY END COORDINATES FROM WOOLPERT INC., SURVEY DATA DATED 10/2015.

DECLARED DISTANCES

	RUNWAY OPERATIONAL DIRECTION	TORA	TODA	ASDA	LDA	STOPWAY PROVIDED	CLEARWAY PROVIDED	FAA APPROVAL DATE
EXISTING	12	6,901	6,901	6,901	6,901	N/A	N/A	
	30	6,901	6,901	6,901	6,901	N/A	N/A	
FUTURE	12	6,201	6,901	6,201	6,201	N/A	N/A	
	30	6,901	6,901	6,901	6,201	N/A	N/A	
EXISTING	3	3,892	3,892	3,892	3,398	N/A	N/A	
	21	3,892	3,892	3,892	3,892	N/A	N/A	
FUTURE	3	3,892	3,892	3,892	3,562	N/A	N/A	
	21	3,512	3,512	3,842	3,842	N/A	N/A	
ULTIMATE	3	5,500	5,500	5,500	5,170	N/A	N/A	
	21	5,120	5,120	5,340	5,340	N/A	N/A	

NON-STANDARD CONDITIONS TO BE CORRECTED (F)

NO.	DESCRIPTION	PROPOSED ACTION
1	RUNWAY 3 END - FENCE IN ROFA	DISPLACED THRESHOLD
2	RUNWAY 30 END - ROAD & FENCE IN RSA & ROFA	DISPLACED THRESHOLD
3	RVZ PENETRATION	REMOVE AIRCRAFT PARKING APRON

MODIFICATION TO STANDARDS APPROVAL

	STANDARD TO BE MODIFIED	EXISTING	PROPOSED	PROPOSED ACTION	AIRSPACE CASE NO.	APPROVAL DATE
NONE	-	-	-	-	-	-

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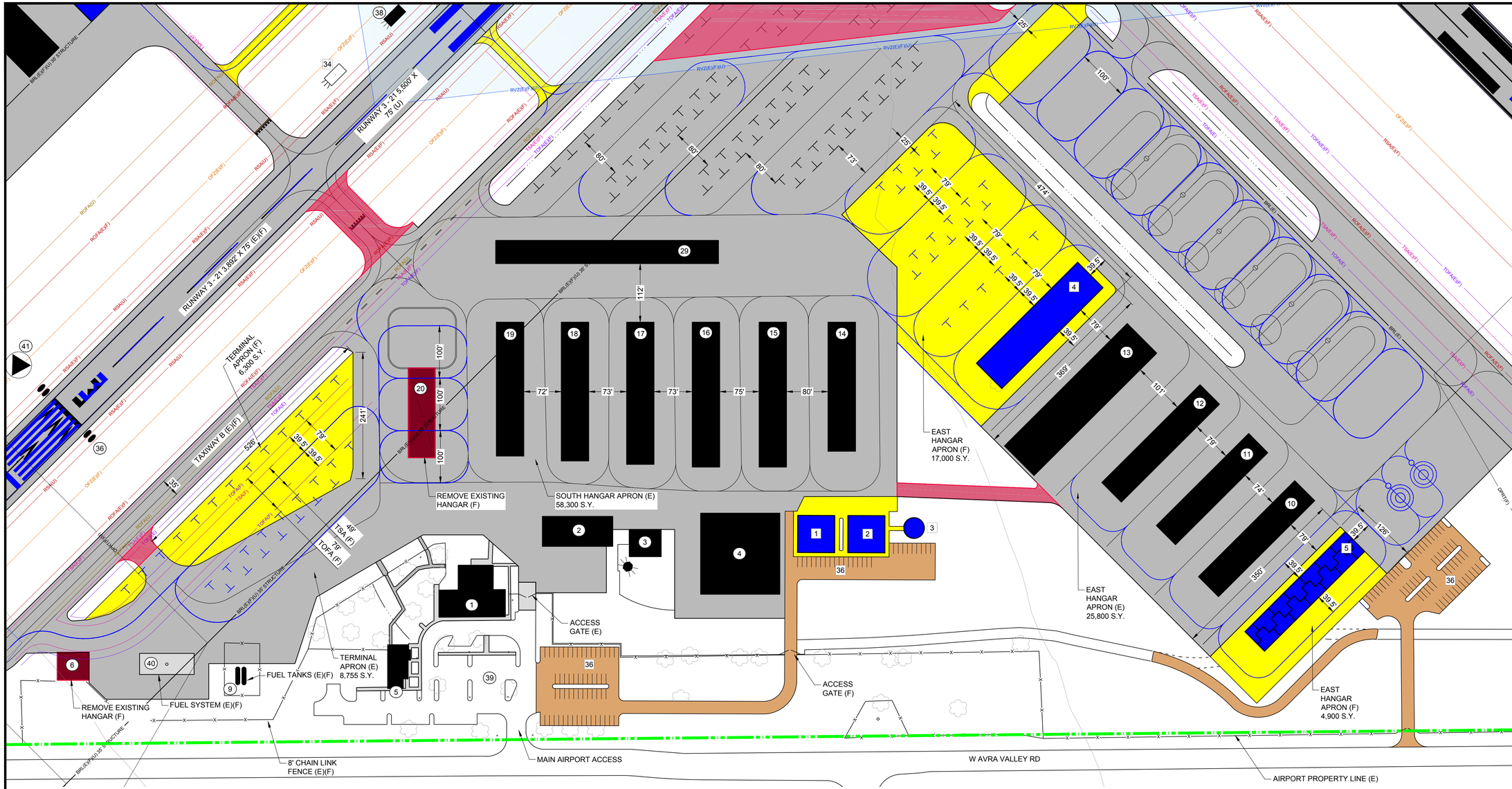

AIRPORT FACILITIES LIST (E) -- ◯

NO.	FACILITY DESCRIPTION	TOP ELEV. (MSL- EST.)
1	TERMINAL / FBO	2037'
2	HANGAR	2049'
3	HANGAR	2042'
4	HANGAR	2047'
5	RESTAURANT	2037'
6	HANGAR	2043'
7	HANGAR	2039'
8	HANGAR	2036'
9	FUEL STORAGE TANKS	2031'
10	T-HANGAR	2045'
11	T-HANGAR	2044'
12	T-HANGAR	2044'
13	T-HANGAR	2048'
14	T-HANGAR	2045'
15	T-HANGAR	2041'
16	T-HANGAR	2041'
17	T-HANGAR	2039'
18	T-HANGAR	2039'
19	T-HANGAR	2039'
20	T-HANGAR	2042'
21	T-HANGAR	2036'
22	T-HANGAR	2036'
23	T-HANGAR	2036'
24	T-HANGAR	2036'
25	T-HANGAR	2036'
26	T-HANGAR	2036'
27	T-HANGAR	2036'
28	T-HANGAR	2043'
29	SHADE STRUCTURE	2040'
30	FIRE SUPPRESSION TANK	2046'
31	FIRE SUPPRESSION BUILDING	2045'
32	NON-DIRECTIONAL BEACON (NDB)	2023'
33	AWOS-III	2083'
34	SEGMENTED CIRCLE / LIGHTED WIND CONE	2044
35	BEACON	2024
36	THRESHOLD LIGHTS	-
37	REILS	-
38	PAPI	-
39	AUTO PARKING	-
40	SELF SERVE FUELING ISLAND	2052
41	SUPPLEMENTAL WIND CONE	2028
42	FLAG POLE & MONUMENT	2052

AIRPORT FACILITIES LIST (F) --

NO.	FACILITY DESCRIPTION	TOP ELEV. (MSL- EST.)
1	AIRPORT MAINTENANCE BLDG.	2041'±
2	ARFF BLDG.	2041'±
3	AIR TRAFFIC CONTROL TOWER	2095'±
4	SHADE STRUCTURE	2045'±
5	T-HANGAR	2045'±
6	FUEL STORAGE TANKS	2040'±
7	MISC. TENANT BLDG.	2055'±
8	CORPORATE FBO / TERMINAL BLDG.	2065'±
9	HANGAR	2055'±
10	HANGAR	2055'±
11	HANGAR	2055'±
12	HANGAR	2055'±
13	HANGAR	2045'±
14	HANGAR	2045'±
15	HANGAR	2045'±
16	HANGAR	2045'±
17	HANGAR	2045'±
18	HANGAR	2045'±
19	HANGAR	2045'±
20	HANGAR	2045'±
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25	HANGAR	2045'±
26	HANGAR	2045'±
27	HANGAR	2045'±
28	HANGAR	2045'±
29	HANGAR	2045'±
30	HANGAR	2045'±
31	HANGAR	2045'±
32	HANGAR	2045'±
33	HANGAR	2045'±
34	PAPI	-
35	SEGMENTED CIRCLE / LIGHTED WIND CONE	2044'±
36	AUTO PARKING	-

LEGEND

EXISTING	FUTURE / ULTIMATE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
ASPHALT CONCRETE		AIRFIELD DEVELOPMENT (ASPHALT)		0000 0000	THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		GRAVEL / TURF / DIRT			VASI/PAPI
		AIRPORT PROPERTY LINE (APL)			AIRPORT ROTATING BEACON
RSA(E)	RSA(F)(U)	RUNWAY SAFETY AREA (RSA)			NON DIRECTIONAL BEACON
OFZ(E)	OFZ(F)(U)	OBSTACLE FREE ZONE (OFZ)			WIND CONE & SEGMENTED CIRCLE
ROFA(E)	ROFA(F)(U)	RUNWAY OBJECT FREE AREA (ROFA)			AWOS
RPZ(E)	RPZ(F)(U)	RUNWAY PROTECTION ZONE (RPZ)			LIGHTED WIND CONE
BRL(E)	BRL(F)(U)	BUILDING RESTRICTION LINE (BRL)		N/A	SECTION CORNER
TSA(E)	TSA(F)(U)	TAXIWAY SAFETY AREA (TSA)	4125	N/A	CONTOURS
TOFA(E)	TOFA(F)(U)	TAXIWAY OBJECT FREE AREA (TOFA)			ROADS
RVZ(E)	RVZ(F)(U)	RUNWAY VISIBILITY ZONE (RVZ)			MARKINGS
		AIRPORT REFERENCE POINT (ARP)	X	XX	FENCING
	N/A	PACS/SACS MONUMENT			HELICOPTER PARKING
		STORMWATER DETENTION BASIN	N/A		TO BE REMOVED
		IRRIGATION CANAL			PROPERTY LEASE BOUNDARY
			1	N/A	NON-STANDARD CONDITION

10°2'24"

N

MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09" WEST PER YEAR
OBTAINED: 09/13/16

100 0 100 200
SCALE IN FEET

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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
3							
2							
1							
0	156295	09/2016	ORIGINAL ISSUE	6259503	GMR	CRM	JZP

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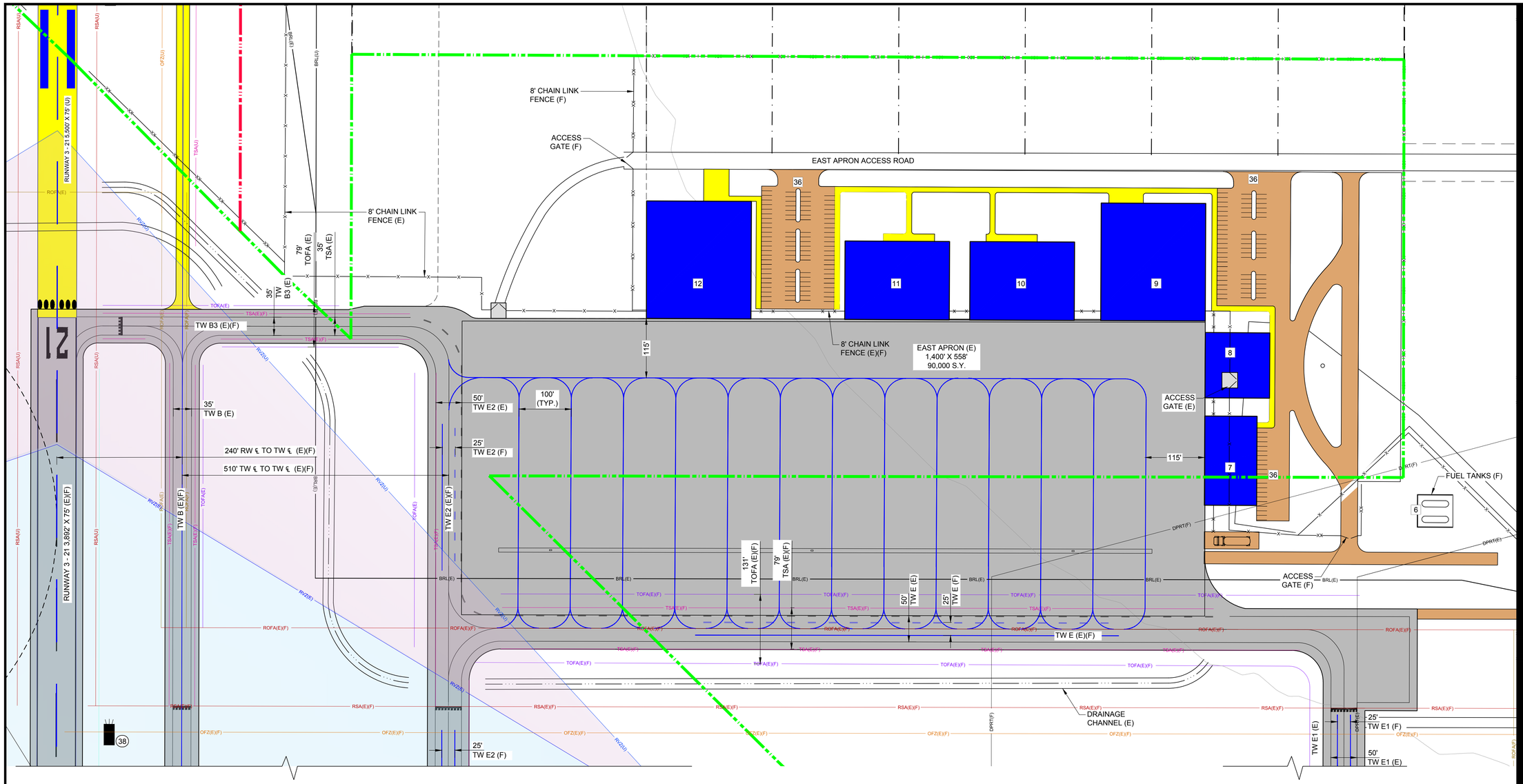
TERMINAL AREA DRAWING-GA



AIRPORT FACILITIES LIST (E) -- ○

NO.	FACILITY DESCRIPTION	TOP ELEV. (MSL- EST.)
1	TERMINAL / FBO	2037'
2	HANGAR	2049'
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4	HANGAR	2047'
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11	T-HANGAR	2044'
12	T-HANGAR	2044'
13	T-HANGAR	2048'
14	T-HANGAR	2045'
15	T-HANGAR	2041'
16	T-HANGAR	2041'
17	T-HANGAR	2039'
18	T-HANGAR	2039'
19	T-HANGAR	2039'
20	T-HANGAR	2042'
21	T-HANGAR	2036'
22	T-HANGAR	2036'
23	T-HANGAR	2036'
24	T-HANGAR	2036'
25	T-HANGAR	2036'
26	T-HANGAR	2036'
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33	AWOS-III	2083'
34	SEGMENTED CIRCLE / LIGHTED WIND CONE	2044
35	BEACON	2024
36	THRESHOLD LIGHTS	-
37	REILS	-
38	PAPI	-
39	AUTO PARKING	-
40	SELF SERVE FUELING ISLAND	2052
41	SUPPLEMENTAL WIND CONE	2028
42	FLAG POLE & MONUMENT	2052

AIRPORT FACILITIES LIST (F) --

NO.	FACILITY DESCRIPTION	TOP ELEV. (MSL- EST.)
1	AIRPORT MAINTENANCE BLDG.	2041'±
2	ARFF BLDG.	2041'±
3	AIR TRAFFIC CONTROL TOWER	2095'±
4	SHADE STRUCTURE	2045'±
5	T-HANGAR	2045'±
6	FUEL STORAGE TANKS	2040'±
7	MISC. TENANT BLDG.	2055'±
8	CORPORATE FBO / TERMINAL BLDG.	2065'±
9	HANGAR	2055'±
10	HANGAR	2055'±
11	HANGAR	2055'±
12	HANGAR	2055'±
13	HANGAR	2045'±
14	HANGAR	2045'±
15	HANGAR	2045'±
16	HANGAR	2045'±
17	HANGAR	2045'±
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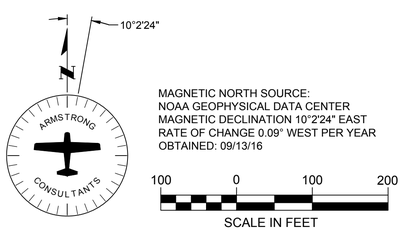
25	HANGAR	2045'±
26	HANGAR	2045'±
27	HANGAR	2045'±
28	HANGAR	2045'±
29	HANGAR	2045'±
30	HANGAR	2045'±
31	HANGAR	2045'±
32	HANGAR	2045'±
33	HANGAR	2045'±
34	PAPI	-
35	SEGMENTED CIRCLE / LIGHTED WIND CONE	2044'±
36	AUTO PARKING	-

LEGEND

EXISTING	FUTURE / ULTIMATE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
ASPHALT CONCRETE		AIRFIELD DEVELOPMENT (ASPHALT)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		GRAVEL / TURF / DIRT			VASI/PAPI
		AIRPORT PROPERTY LINE (APL)			AIRPORT ROTATING BEACON
RSA(E)	RSA(F)(U)	RUNWAY SAFETY AREA (RSA)			NON DIRECTIONAL BEACON
OFZ(E)	OFZ(F)(U)	OBSTACLE FREE ZONE (OFZ)			WIND CONE & SEGMENTED CIRCLE
ROFA(E)	ROFA(F)(U)	RUNWAY OBJECT FREE AREA (ROFA)			AWOS
RPZ(E)	RPZ(F)(U)	RUNWAY PROTECTION ZONE (RPZ)			LIGHTED WIND CONE
BRL(E)	BRL(F)(U)	BUILDING RESTRICTION LINE (BRL)		N/A	SECTION CORNER
TSA(E)	TSA(F)(U)	TAXIWAY SAFETY AREA (TSA)	4125	N/A	CONTOURS
TOFA(E)	TOFA(F)(U)	TAXIWAY OBJECT FREE AREA (TOFA)			ROADS
RVZ(E)	RVZ(F)(U)	RUNWAY VISIBILITY ZONE (RVZ)			MARKINGS
		AIRPORT REFERENCE POINT (ARP)	X	XX	FENCING
	N/A	PACS/SACS MONUMENT			HELICOPTER PARKING
		STORMWATER DETENTION BASIN	N/A		TO BE REMOVED
		IRRIGATION CANAL			PROPERTY LEASE BOUNDARY
			1	N/A	NON-STANDARD CONDITION



MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09" WEST PER YEAR
OBTAINED: 09/13/16

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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	GMR	Chkd.	CRM	Apprvd	JZP
3										
2										
1										
0	156295	09/2016	ORIGINAL ISSUE	6259503						

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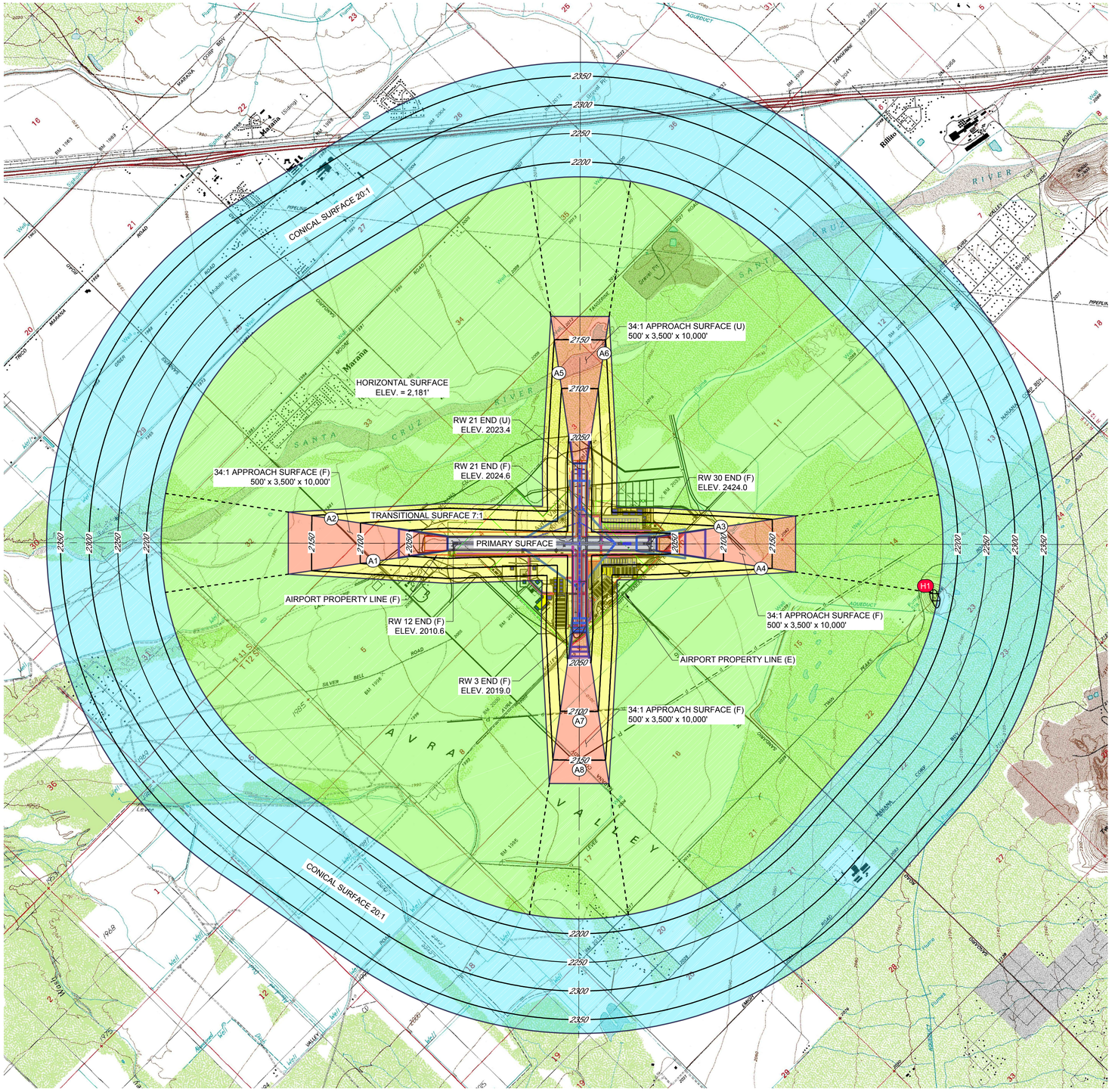
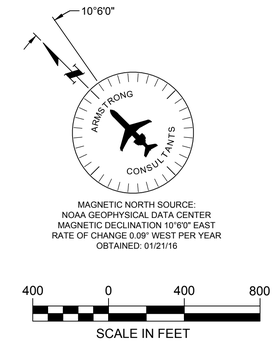
TERMINAL AREA DRAWING- CORPORATE





LEGEND

- HORIZONTAL SURFACE
- TRANSITIONAL SURFACE
- CONICAL SURFACE
- APPROACH SURFACE
- PRIMARY SURFACE
- TERRAIN PENETRATION

NOTES

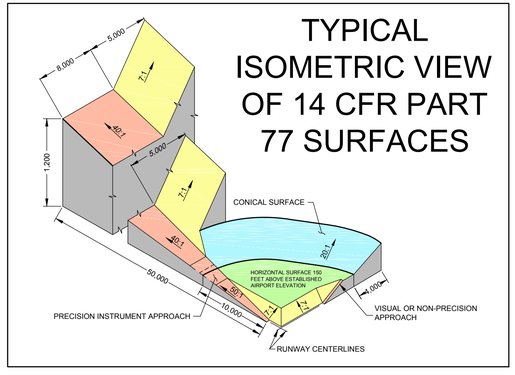
A. REFER TO "INNER PORTION OF THE APPROACH SURFACE" DRAWINGS FOR DETAILS ON ANY CLOSE-IN APPROACH PENETRATIONS.

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 FUTURE AND ULTIMATE CONDITIONS.

D. PENETRATIONS WERE IDENTIFIED USING AN INQUIRY OF THE FAA OE/AAA DATABASE AND A AGIS SURVEY BY WOOLPERT, INC. DATED 10/2015 (SEE OBSTRUCTION CHART).

TYPICAL ISOMETRIC VIEW OF 14 CFR PART 77 SURFACES



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MARANA, ARIZONA

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No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd	Apprvd
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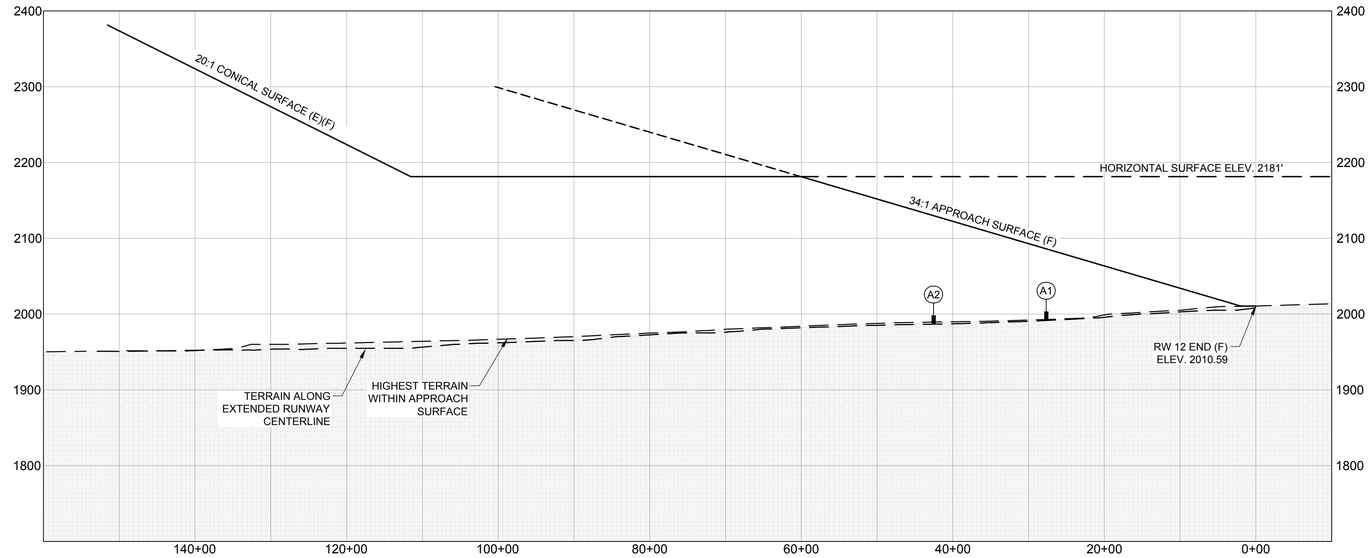
14 CFR PART 77 AIRSPACE DRAWING

OBSTRUCTION CHART

PART 77 SURFACE	ITEM No.	DESCRIPTION	GROUND ELEVATION (MSL)(FEET)	ESTIMATED TOP ELEVATION (MSL)(FEET)	PENETRATION (FEET)	DISPOSTITION
PRIMARY	P	NONE	-	-	-	-
APPROACH	A1	*ROAD	1993	2003	NONE	-
	A2	* ROAD	1985	1995	NONE	-
	A3	* AQUADUCT	2037	2037	NONE	-
	A4	* AQUADUCT	2040	2040	NONE	-
	A5	* RIVER	2000	2000	NONE	-
	A6	* RIVER	2004	2004	NONE	-
	A7	** OV PWR (E)	2010	2054	NONE	
	A8	* OV PWER (F)	2007	2141	NONE	
7:1 TRANSITIONAL	T	NONE	-	-	-	-
APPROACH	H1	* TERRAIN	2086	2220	+26	SEE NOTE 1
20:1 CONICAL	C	NONE	-	-	-	-

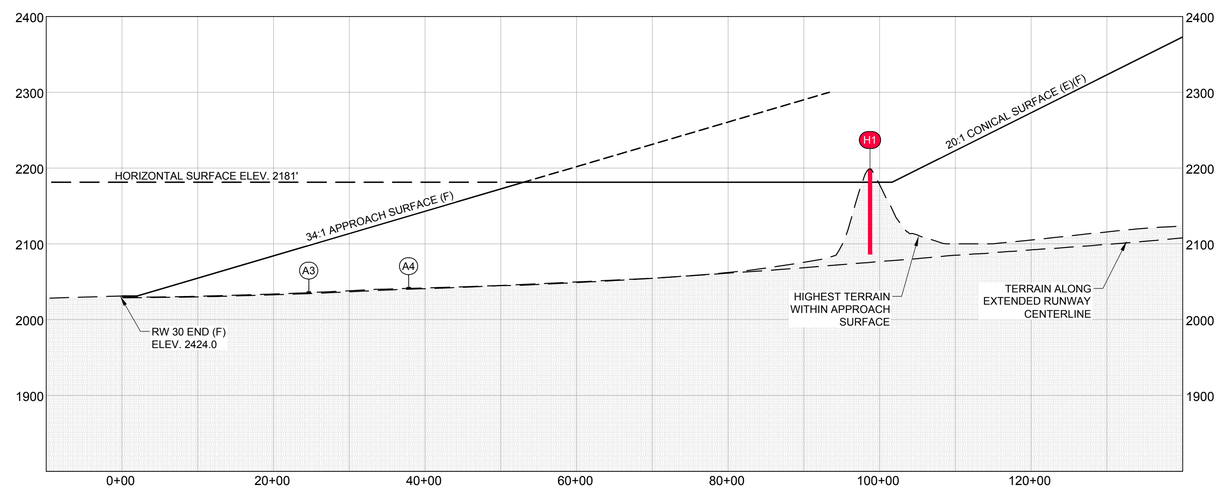
NOTES:

1. SURFACE PENETRATIONS: LOWER, MARK AND LIGHT, OR REMOVE PER FAA FLIGHT PROCEDURES OFFICE DETERMINATIONS.
2. SEE INNER APPROACH DRAWINGS FOR OBSTRUCTIONS TO RPZ.
3. * ESTIMATED SURFACE ELEVATION FROM USGS DIGITAL ELEVATION MODEL, OBJECT HEIGHT ESTIMATED FOR TOP ELEVATION.
4. ** OBJECT PENETRATIONS WERE IDENTIFIED USING THE FAA OE/AAA DATABASE AND AN AGIS SURVEY BY WOOLPERT, INC. DATED 10/2015. DETERMINATION FROM FAA OE/AAA DATABASE.
5. AIRPORT ELEVATION: 2031.50'



RUNWAY 12 END PROFILE (F)

SCALE: PER GRID



RUNWAY 30 END PROFILE (F)

SCALE: PER GRID

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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
3							
2							
1							
0	156295	09/2016	ORIGINAL ISSUE	6259504	GMR	CRM	JZP

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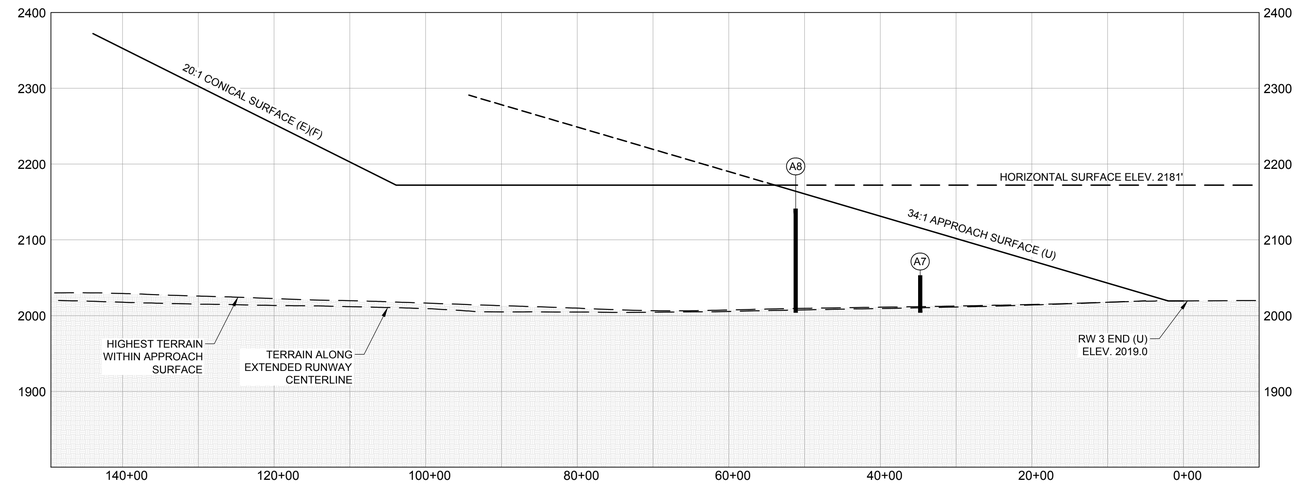
14 CFR
PART 77
PROFILES

OBSTRUCTION CHART

PART 77 SURFACE	ITEM No.	DESCRIPTION	GROUND ELEVATION (MSL)(FEET)	ESTIMATED TOP ELEVATION (MSL)(FEET)	PENETRATION (FEET)	DISPOSTITION
PRIMARY	P	NONE	-	-	-	-
APPROACH	A1	*ROAD	1993	2003	NONE	-
	A2	* ROAD	1985	1995	NONE	-
	A3	* AQUADUCT	2037	2037	NONE	-
	A4	* AQUADUCT	2040	2040	NONE	-
	A5	* RIVER	2000	2000	NONE	-
	A6	* RIVER	2004	2004	NONE	-
	A7	** OH PWR (E)	2010	2054	NONE	
	A8	* OH PWER (F)	2007	2141	NONE	
7:1 TRANSITIONAL	T	NONE	-	-	-	-
APPROACH	H1	* TERRAIN	2220	2220	+26	SEE NOTE 1
20:1 CONICAL	C	NONE	-	-	-	-

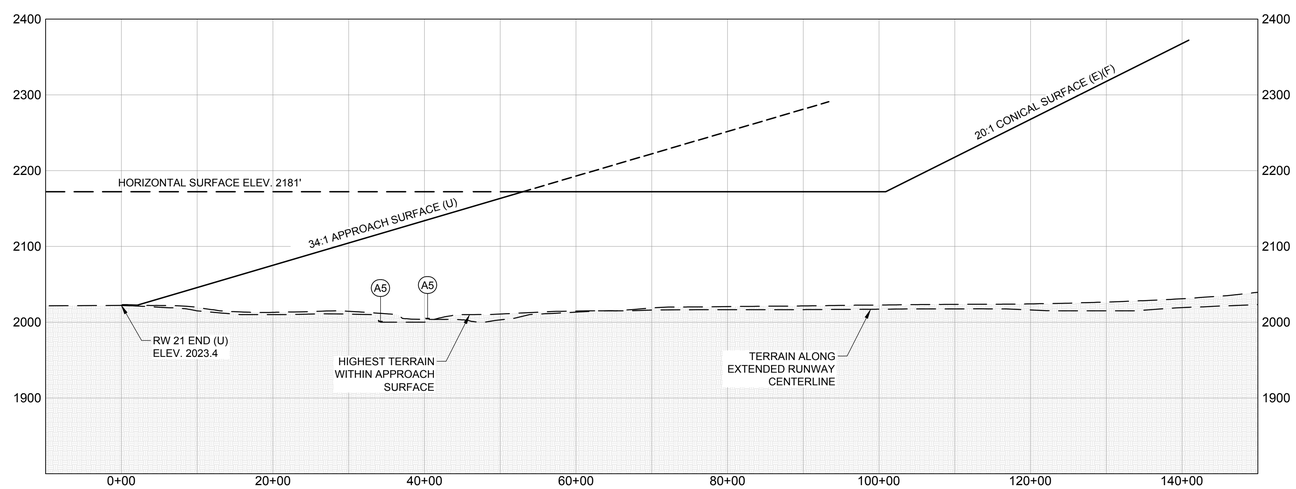
NOTES:

1. SURFACE PENETRATIONS: LOWER, MARK AND LIGHT, OR REMOVE PER FAA FLIGHT PROCEDURES OFFICE DETERMINATIONS.
2. SEE INNER APPROACH DRAWINGS FOR OBSTRUCTIONS TO RPZ.
3. * ESTIMATED SURFACE ELEVATION FROM USGS DIGITAL ELEVATION MODEL, OBJECT HEIGHT ESTIMATED FOR TOP ELEVATION.
4. ** OBJECT PENETRATIONS WERE IDENTIFIED USING THE FAA OE/AAA DATABASE AND AN AGIS SURVEY BY WOOLPERT, INC. DATED 10/2015. DETERMINATION FROM FAA OE/AAA DATABASE.
5. AIRPORT ELEVATION: 2031.50'



RUNWAY 3 END PROFILE (F)

SCALE: PER GRID



RUNWAY 21 END PROFILE (U)

SCALE: PER GRID

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MARANA REGIONAL AIRPORT
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ADOT No. E5S3N
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No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
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1							
0	156295	09/2016	ORIGINAL ISSUE	6259504	GMR	CRM	JZP

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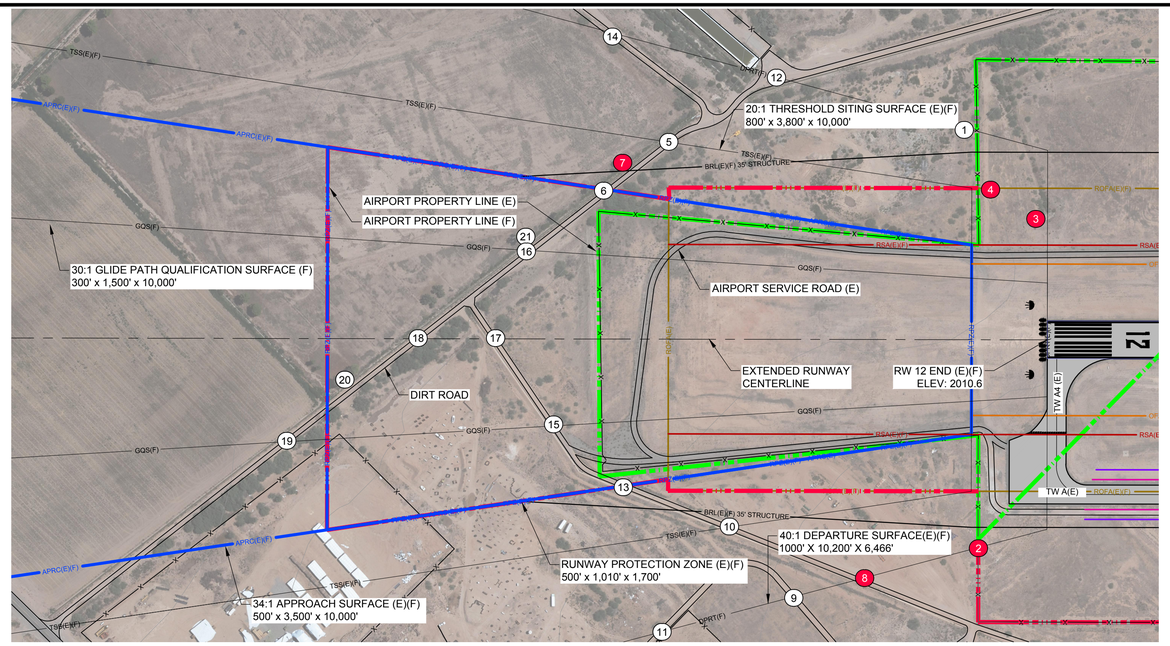
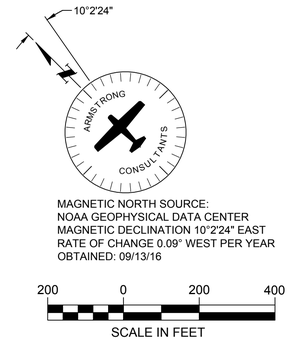
14 CFR
PART 77
PROFILES



PLAN

SCALE: PER BAR SCALE



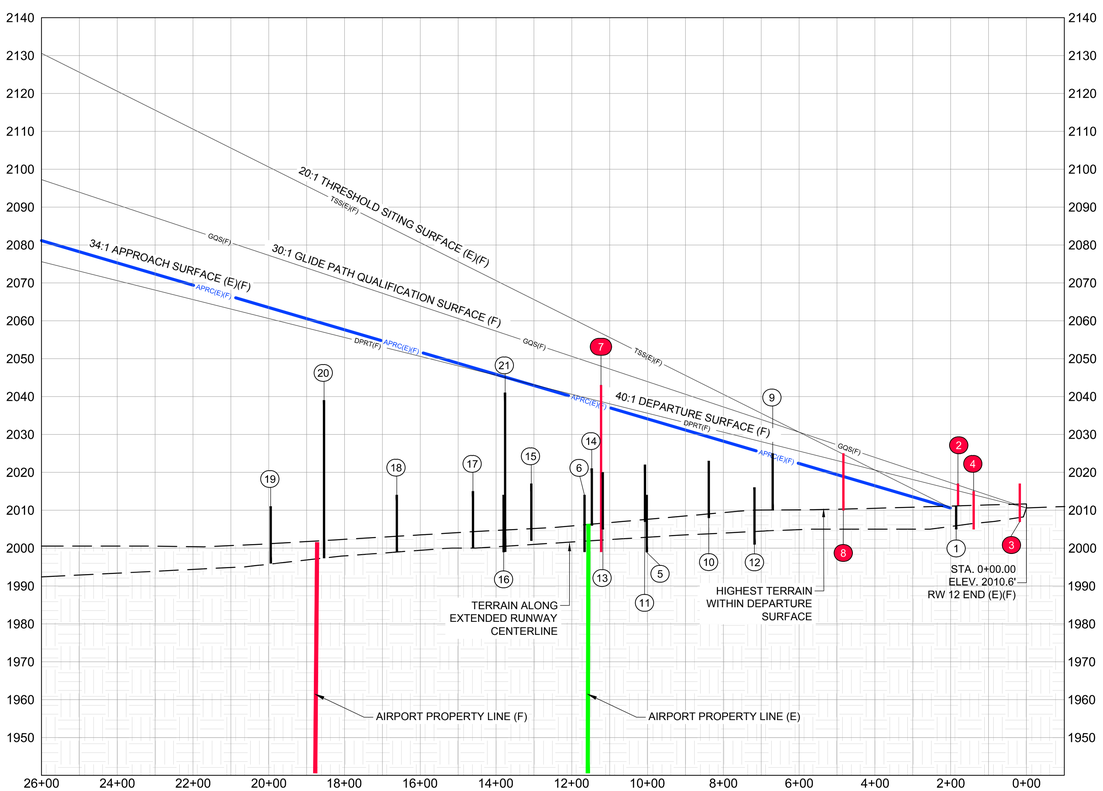
OBJECTS WITHIN RUNWAY 12 GQS, APRC, TSS AND DEPARTURE SURFACES (E)(F)

No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	30:1 GQS PEN.	20:1 TSS PEN.	34:1 APRC SURFACE PEN.	40:1 DPRT PEN.	REMARKS
1	*FENCE	6'	2011'	-	-	-	NONE	
2	**FENCE	6'	2017'	-	-	-	+2'	NOTE 2
3	**TREE	10'	2017'	-	-	-	+6'	NOTE 2
4	**TREE	10'	2015'	-	-	-	+1'	NOTE 2
5	*ROAD	15'	2014'	-	NONE	-	NONE	
6	*ROAD	15'	2014'	-	NONE	NONE	NONE	
7	**TREE	43'	2009'	-	NONE	-	+4'	NOTE 2
8	*ROAD	15'	2025'	-	-	-	+2'	NOTE 2
9	*ROAD	15'	2025'	-	-	-	NONE	
10	*ROAD	15'	2023'	-	NONE	-	NONE	
11	*ROAD	15'	2022'	-	-	-	NONE	
12	*ROAD	15'	2016'	-	-	-	NONE	
13	*ROAD	15'	2020'	-	NONE	NONE	NONE	
14	*ROAD	15'	2021'	-	-	-	NONE	
15	*ROAD	15'	2017'	NONE	NONE	NONE	NONE	
16	*ROAD	15'	2014'	NONE	NONE	NONE	NONE	
17	*ROAD	15'	2015'	NONE	NONE	NONE	NONE	
18	*ROAD	15'	2014'	NONE	NONE	NONE	NONE	
19	*ROAD	15'	2011'	NONE	NONE	NONE	NONE	
20	**TREE	41'	2039'	NONE	NONE	NONE	NONE	
21	**TREE	42'	2041'	-	NONE	NONE	NONE	

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
* = OBJECT ELEVATIONS ARE ESTIMATED AND NOT BASED ON A SURVEY.
** = OBJECT TOP ELEVATIONS AND LOCATIONS ARE BASED ON A SURVEY BY: WOOLPERT, INC., DATED: 10/2015.
\- = OBJECT IS NOT LOCATED WITHIN THIS SURFACE.
● = OBJECT PENETRATION LOCATION
EST. = ESTIMATED; ELEV. = ELEVATION; HT. = HEIGHT; PEN. = PENETRATION; N/A = NOT APPLICABLE; O.L. = OBSTRUCTION LIGHT; GQS = GLIDESLOPE QUALIFICATION SURFACE; APRC = APPROACH SURFACE; TSS = THRESHOLD SITING SURFACE; DPRT = DEPARTURE SURFACE

NOTES:

1. SURFACE PENETRATIONS: LOWER, MARK AND LIGHT, REMOVE OR TAKE APPROPRIATE ACTION PER FAA FLIGHT PROCEDURES OFFICE DETERMINATIONS.
2. LESS THAN 35' LOW, CLOSE-IN DEPARTURE SURFACE PENETRATIONS: ADD NOTE TO DEPARTURE PROCEDURE OR LOWER, MARK AND LIGHT, OR REMOVE PER FAA FLIGHT PROCEDURES OFFICE DETERMINATION.



RUNWAY 12
CENTERLINE PROFILE

SCALE: PER GRID

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPHALT)	APRC(E)	APRC(F)	APPROACH SURFACE
		STRUCTURE/FACILITIES (BUILDING)	DPRT(E)	DPRT(F)	DEPARTURE SURFACE
		GRAVEL / TURF / DIRT	TSS(E)	TSS(F)	THRESHOLD SITING SURFACE
		AIRPORT PROPERTY LINE (APL)	GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)		0000 0000	THRESHOLD LIGHTS
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			REIL
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)	4125	N/A	CONTOURS
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)			ROAD
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)			MARKINGS
N/A		TO BE REMOVED	X	XX	FENCE

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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
3							
2							
1							
0	156295	09/2016	ORIGINAL ISSUE	6259505	GMR	CRM	JZP

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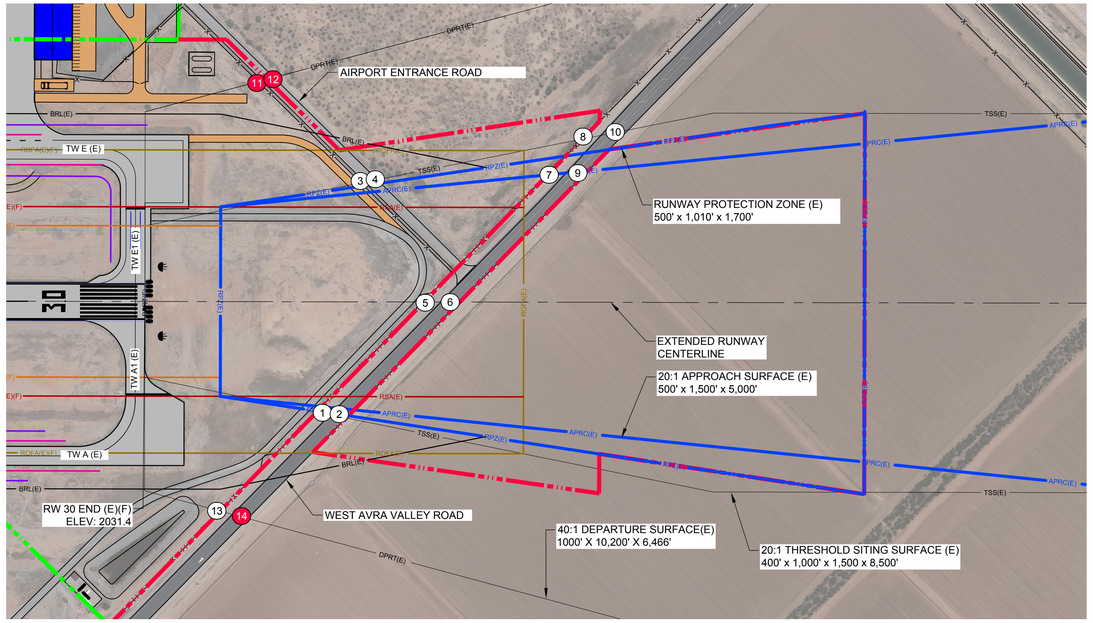
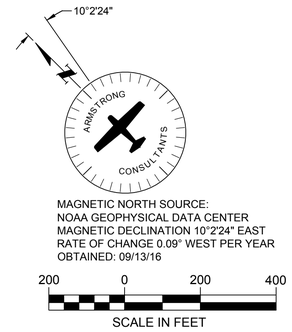
RUNWAY 12
INNER
APPROACH
(E)(F)



PLAN

SCALE: PER BAR SCALE



OBJECTS WITHIN RUNWAY 30 APRC, TSS AND DEPARTURE SURFACES (E)

No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	20:1 TSS PEN.	20:1 APRC SURFACE PEN.	40:1 DPRT PEN.	REMARKS
1	*FENCE	8'	2037'	-	-	NONE	
2	*ROAD	15'	2044'	NONE	-	NONE	
3	*FENCE	8'	2039'	NONE	-	NONE	
4	*ROAD	15'	2046'	NONE	-	NONE	
5	*FENCE	8'	2038'	NONE	NONE	NONE	
6	*ROAD	15'	2045'	NONE	NONE	NONE	
7	*FENCE	8'	2040'	NONE	NONE	NONE	
8	*FENCE	8'	2040'	NONE	NONE	NONE	
9	*ROAD	15'	2047'	NONE	NONE	NONE	
10	*ROAD	15'	2048'	NONE	NONE	NONE	
11	**FENCE	8'	2040'	-	-	+1'	NOTE 2
12	*ROAD	15'	2047'	-	-	+7'	NOTE 2
13	*FENCE	8'	2036'	-	-	NONE	
14	*ROAD	15'	2043'	-	-	+5'	NOTE 2

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
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NOTES:

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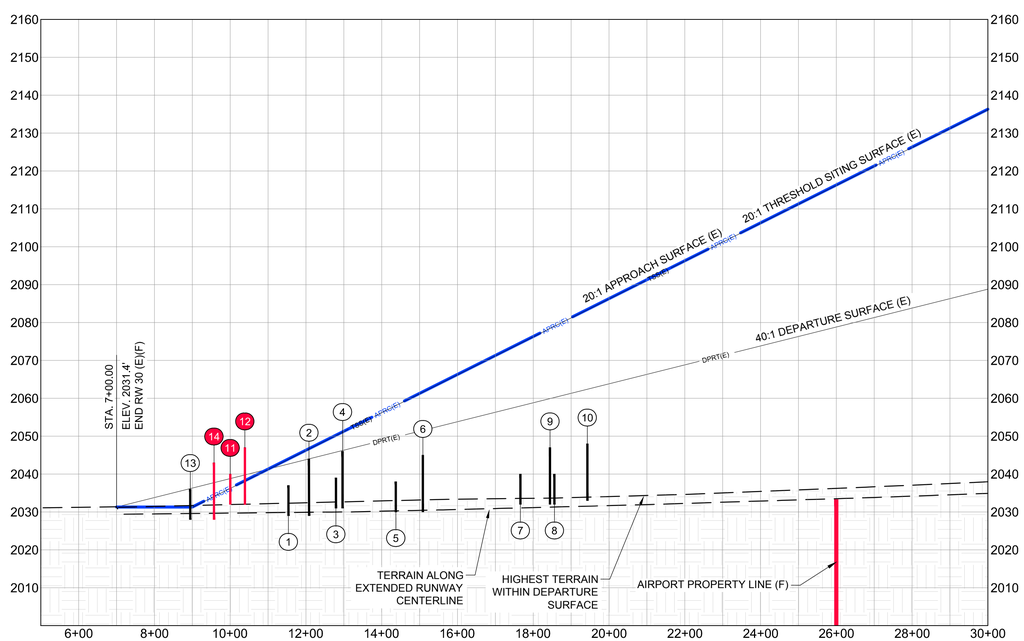
2. LESS THAN 35' LOW, CLOSE-IN DEPARTURE SURFACE PENETRATIONS: ADD NOTE TO DEPARTURE PROCEDURE OR LOWER, MARK AND LIGHT, OR REMOVE PER FAA FLIGHT PROCEDURES OFFICE DETERMINATION.



RUNWAY 30 CENTERLINE PROFILE

SCALE: PER GRID

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPHALT)	APRC(E)	APRC(F)	APPROACH SURFACE
		STRUCTURE/FACILITIES (BUILDING)	DPRT(E)	DPRT(F)	DEPARTURE SURFACE
		GRAVEL / TURF / DIRT	TSS(E)	TSS(F)	THRESHOLD SITING SURFACE
		AIRPORT PROPERTY LINE (APL)	GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)		0000 0000	THRESHOLD LIGHTS
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			REIL
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)	4125	N/A	CONTOURS
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)			ROAD
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)			MARKINGS
N/A		TO BE REMOVED	X	XX	FENCE

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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
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2							
1							
0	156295	09/2016	ORIGINAL ISSUE	6259505	GMR	CRM	JZP

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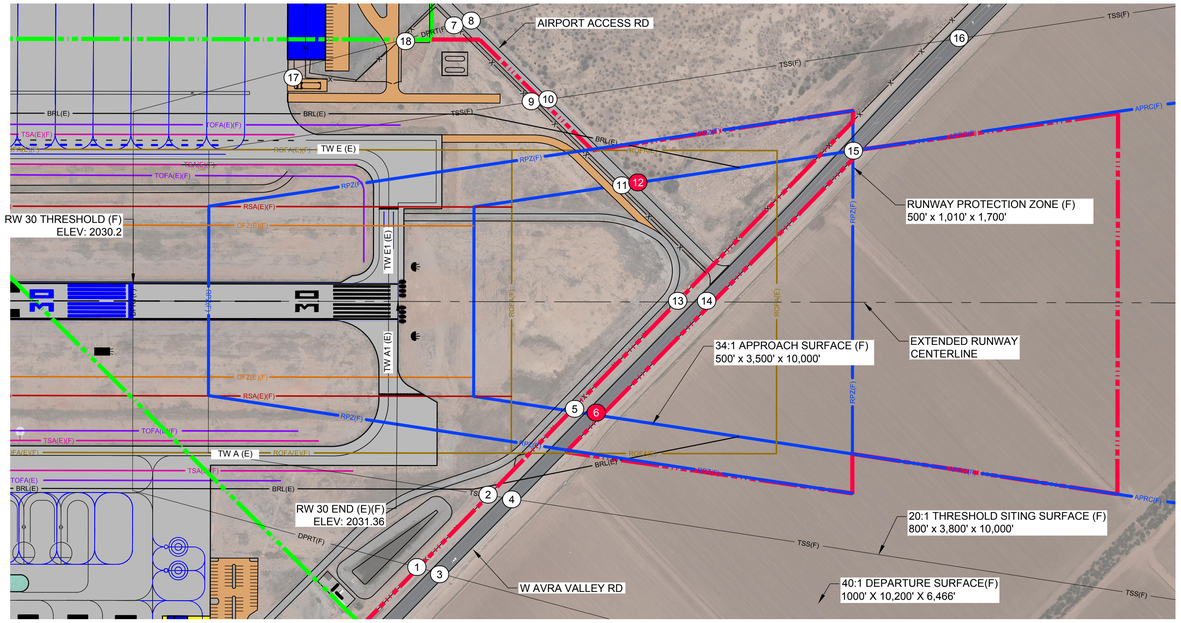
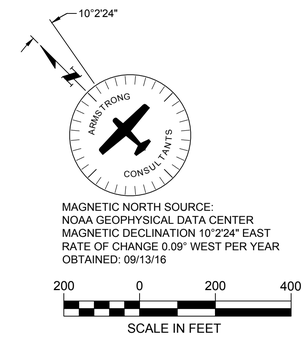
RUNWAY 30
INNER
APPROACH
(E)



PLAN

SCALE: PER BAR SCALE



OBJECTS WITHIN RUNWAY 30 APRC, TSS AND DEPARTURE SURFACES (F)

No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	20:1 TSS PEN.	34:1 APRC SURFACE PEN.	40:1 DPRT PEN.	REMARKS
1	*FENCE	8'	2036'	NONE	-	NONE	
2	*FENCE	8'	2036'	NONE	-	NONE	
3	*ROAD	15'	2043'	-	-	NONE	
4	*ROAD	15'	2043'	NONE	-	NONE	
5	*FENCE	8'	2037'	NONE	NONE	NONE	
6	*ROAD	15'	2044'	NONE	+3'	NONE	NOTE 1
7	*FENCE	8'	2040'	-	-	NONE	
8	*ROAD	15'	2042'	-	-	NONE	
9	*FENCE	8'	2039'	NONE	-	NONE	
10	*ROAD	15'	2046'	NONE	-	NONE	
11	*FENCE	8'	2039'	NONE	NONE	NONE	
12	*ROAD	15'	2046'	NONE	+3'	NONE	NOTE 1
13	*FENCE	8'	2038'	NONE	NONE	NONE	
14	*ROAD	15'	2045'	NONE	NONE	NONE	
15	*ROAD	15'	2048'	NONE	NONE	NONE	
16	*ROAD	15'	2049'	NONE	NONE	NONE	
17	*FENCE	8'	2039'	-	-	NONE	
18	*FENCE	8'	2039'	-	-	NONE	

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
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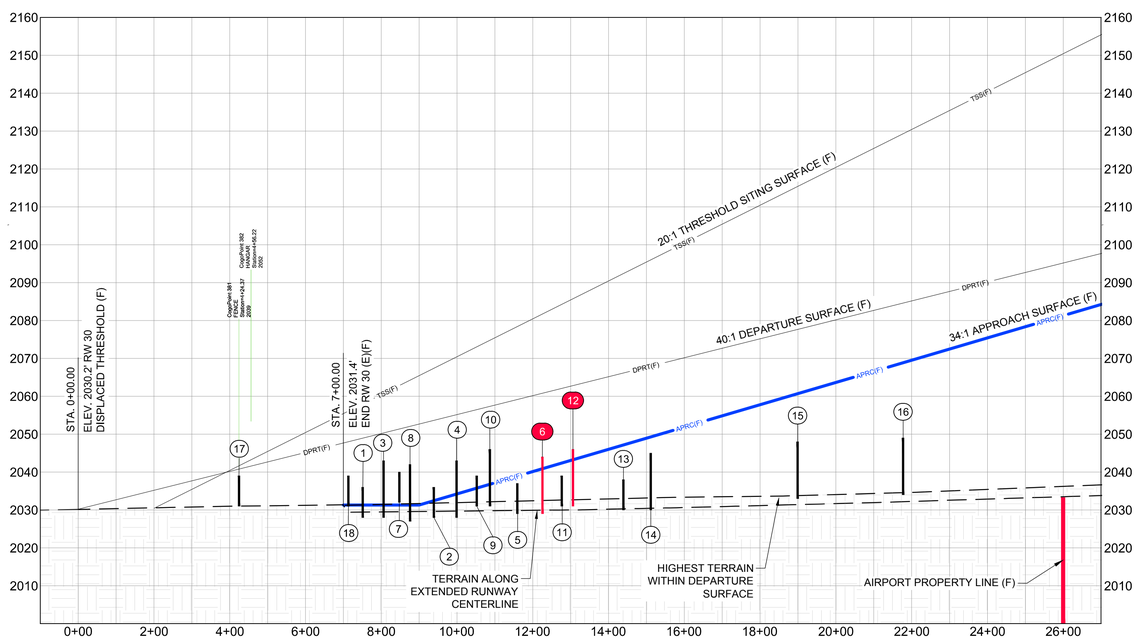

RUNWAY 30 CENTERLINE PROFILE

SCALE: PER GRID

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPHALT)	APRC(E)	APRC(F)	APPROACH SURFACE
		STRUCTURE/FACILITIES (BUILDING)	DPRT(E)	DPRT(F)	DEPARTURE SURFACE
		GRAVEL / TURF / DIRT	TSS(E)	TSS(F)	THRESHOLD SITING SURFACE
		AIRPORT PROPERTY LINE (APL)	GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)		0000 0000	THRESHOLD LIGHTS
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			REIL
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)	4125	N/A	CONTOURS
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)			ROAD
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)			MARKINGS
N/A		TO BE REMOVED	X	XX	FENCE

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MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
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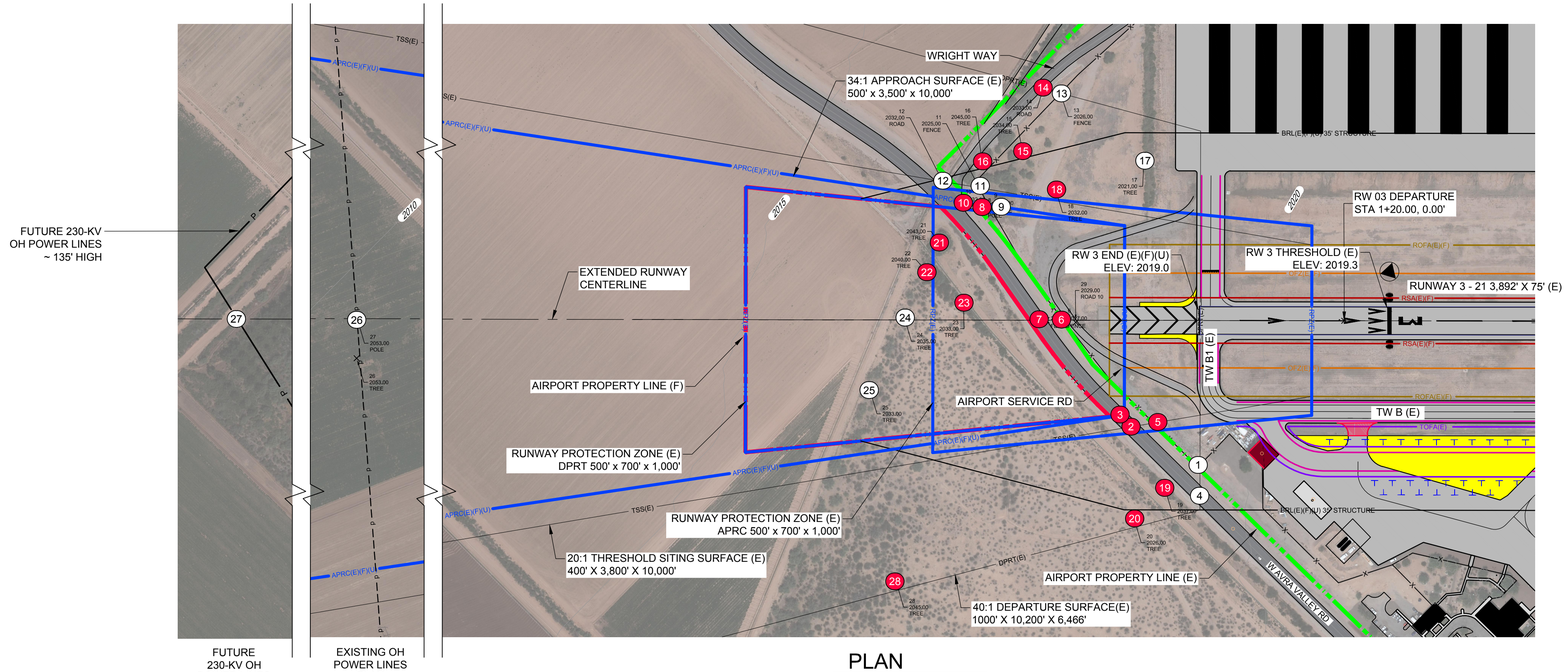
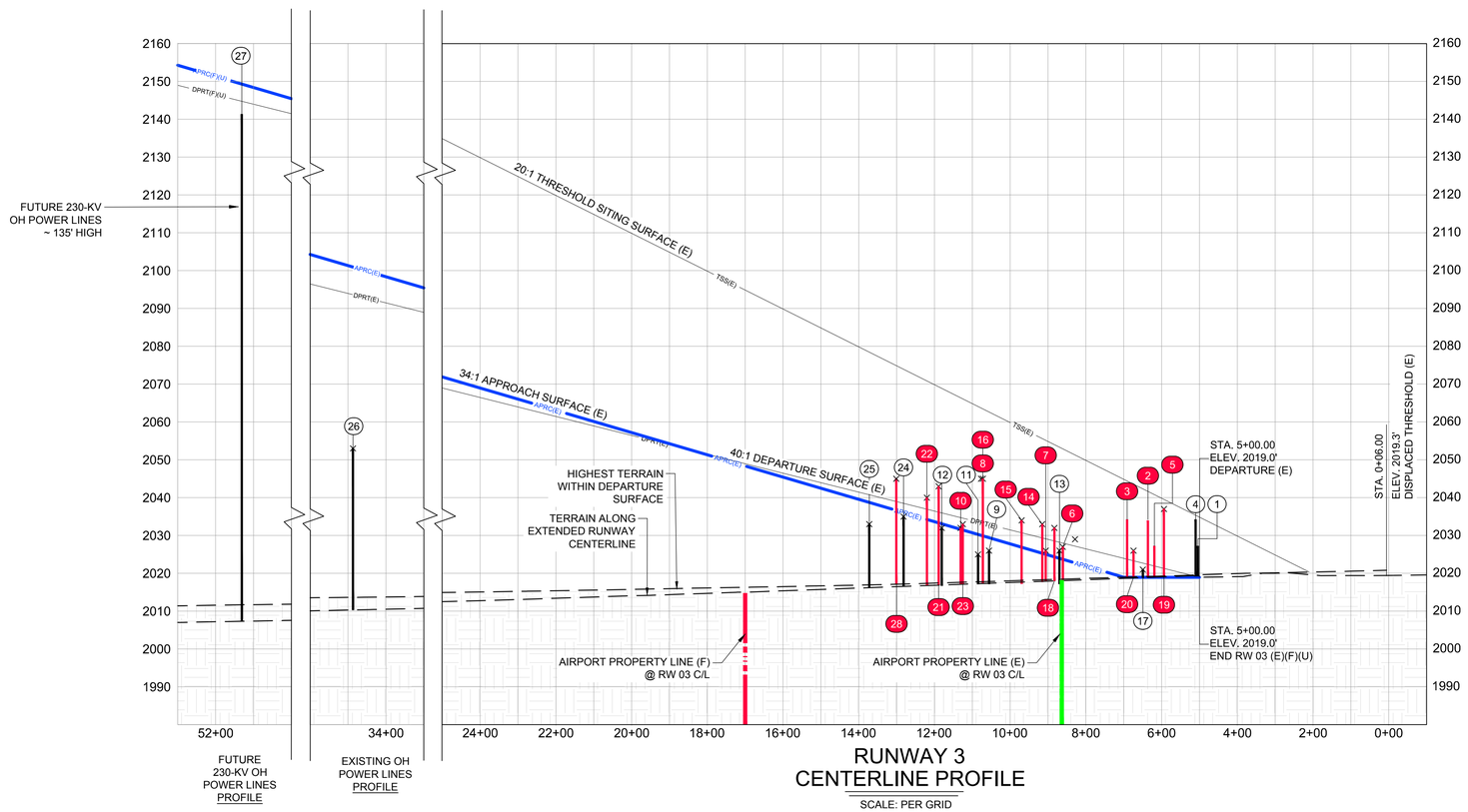
RUNWAY 30
INNER
APPROACH
(F)



PLAN

SCALE: PER BAR SCALE



RUNWAY 3 CENTERLINE PROFILE

SCALE: PER GRID

OBJECTS WITHIN RUNWAY 3 APRC, TSS AND DEPARTURE SURFACES (E)

No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	34:1 APRC PEN.	20:1 TSS PEN.	40:1 DPRT PEN.	REMARKS
1	*FENCE	8'	2027'	-	-	-	
2	*ROAD	15'	2035'	-	NONE	+12'	NOTE 2
3	*ROAD	15'	2034	-	NONE	+10'	NOTE 2
4	*ROAD	15'	2035'	-	-	-	
5	*FENCE	8'	2027'	-	NONE	+5'	NOTE 2
6	*FENCE	8'	2027'	+3'	NONE	-	NOTE 1
7	*FENCE	8'	2026	+2'	NONE	-	NOTE 1
8	**POLE	27'	2035'	+15'	NONE	+12'	NOTE 1 & 2
9	*FENCE	8'	2026'	-	NONE	-	
10	*ROAD	15'	2032'	+1'	NONE	-	NOTE 1
11	*FENCE	8'	2025'	-	NONE	-	
12	*ROAD	15'	2032'	-	NONE	-	
13	*FENCE	8'	2026'	-	-	-	
14	*ROAD	15'	2023'	-	-	+4'	NOTE 2
15	**TREE	16'	2034'	-	-	+3'	NOTE 2
16	**TREE	28'	2045'	-	-	+12'	NOTE 2
17	**TREE	2'	2021'	-	-	-	
18	**TREE	14'	2032'	-	-	+3'	NOTE 2
19	**TREE	18'	2037'	-	-	+15'	NOTE 2
20	**TREE	7'	2026'	-	-	+7'	NOTE 2
21	**TREE	26'	2045'	+10'	NONE	+7'	NOTE 1 & 2
22	**TREE	23'	2040'	+6'	NONE	+3'	NOTE 1 & 2
23	**TREE	15'	2033'	+3'	NONE	-	NOTE 1
24	**TREE	18'	2035'	-	NONE	-	
25	**TREE	16'	2033'	-	NONE	-	
26	**OH POWER	43'	2053'	NONE	NONE	NONE	
27	*OH POWER	135'	2142'	NONE	NONE	NONE	
28	**TREE	28'	2045'	-	-	+6'	NOTE 2

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NOTES:

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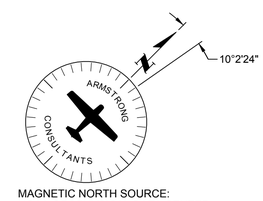

MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09° WEST PER YEAR
OBTAINED: 09/13/16

200 0 200 400
SCALE IN FEET

LEGEND

EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPHALT)
		STRUCTURE/FACILITIES (BUILDING)
		GRAVEL / TURF / DIRT
		AIRPORT PROPERTY LINE (APL)
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)
N/A		TO BE REMOVED
APRC(E)	APRC(F)	APPROACH SURFACE
DPRT(E)	DPRT(F)	DEPARTURE SURFACE
TSS(E)	TSS(F)	THRESHOLD SITING SURFACE
GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE
	0000 0000	THRESHOLD LIGHTS
		REIL
4125	N/A	CONTOURS
		ROAD
		MARKINGS
X	XX	FENCE

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ALBUQUERQUE, NM: 505.508.2192
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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd
3							
2							
1					GMR	CRM	JZP
0	156295	09/2016	ORIGINAL ISSUE				

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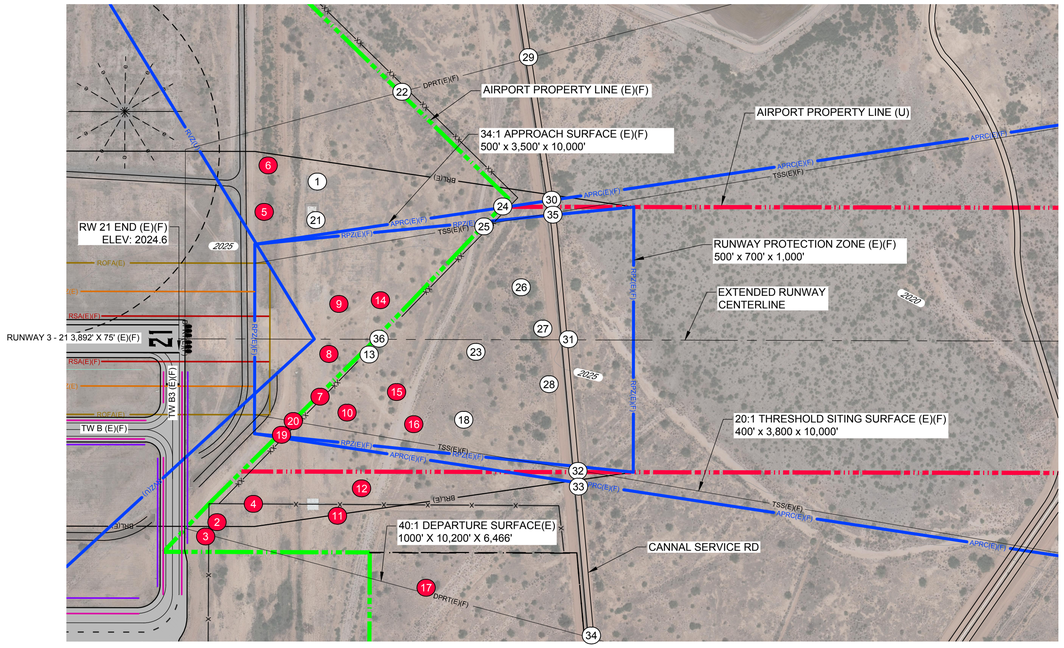
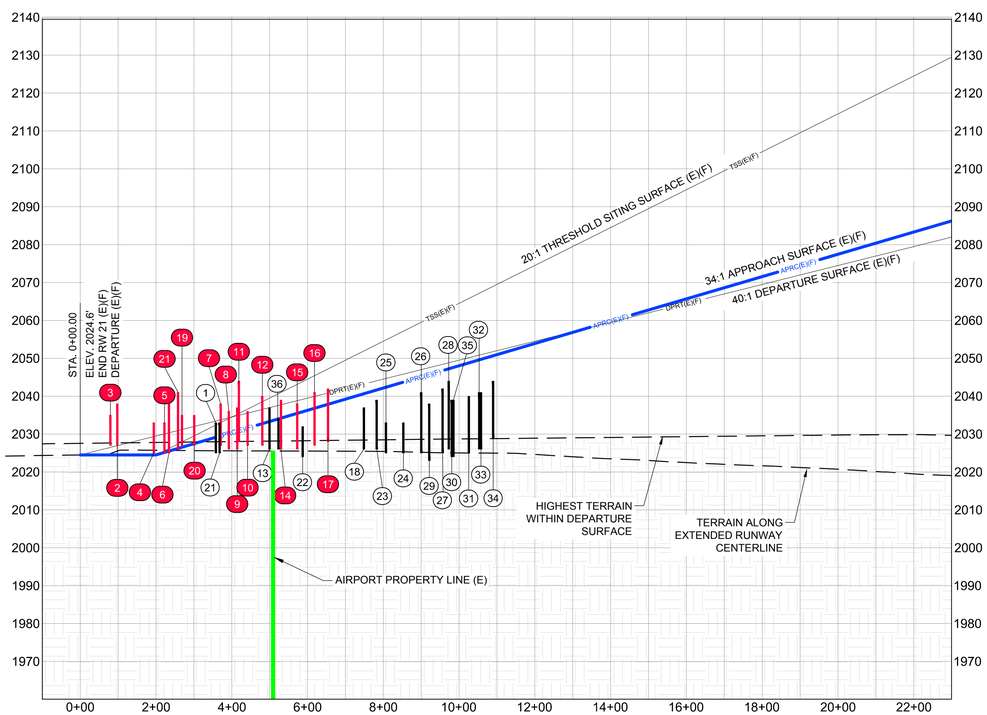
RUNWAY 3
INNER
APPROACH
(E)



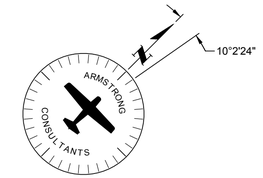
PLAN

SCALE: PER BAR SCALE



RUNWAY 21 CENTERLINE PROFILE

SCALE: PER GRID



MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09° WEST PER YEAR
OBTAINED: 09/13/16

200 0 200 400

SCALE IN FEET

OBJECTS WITHIN RUNWAY 21 APRC, TSS AND DEPARTURE SURFACES (E)(F)

No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	40:1 DPRT PEN.	20:1 APRC SURFACE PEN.	20:1 TSS PEN.	REMARKS
1	*FENCE	8'	2033'	NONE	-	-	
2	**TREE	11'	2038'	+11'	-	-	NOTE 2
3	**FENCE	8'	2035'	+2'	-	-	NOTE 2
4	**FENCE	8'	2033'	+4'	-	-	NOTE 2
5	**TREE	8'	2033'	+3'	-	-	NOTE 2
6	**TREE	13'	2038'	+8'	-	-	NOTE 2
7	**TREE	11'	2038'	+4'	+8'	NONE	NOTE 1 & 2
8	**TREE	10'	2036'	+2'	+6'	NONE	NOTE 1 & 2
9	**TREE	11'	2037'	+2'	+6'	NONE	NOTE 1 & 2
10	**TREE	9'	2036'	NONE	+5'	NONE	NOTE 1
11	**TREE	16'	2044'	+11'	-	-	NOTE 2
12	**TREE	13'	2040'	+3'	-	-	NOTE 2
13	**TREE	11'	2037'	NONE	NONE	NONE	
14	**TREE	13'	2039'	+1'	+5'	NONE	NOTE 1 & 2
15	**TREE	12'	2038'	NONE	+3'	NONE	NOTE 1
16	**TREE	14'	2041'	+1'	+4'	NONE	NOTE 1 & 2
17	**TREE	14'	2042'	+1'	-	-	NOTE 2
18	**TREE	11'	2037'	NONE	NONE	NONE	
19	*FENCE	8'	2035'	+4'	+8'	NONE	NOTE 1 & 2
20	*FENCE	8'	2035'	+3'	+8'	NONE	NOTE 1 & 2
21	*FENCE	8'	2033'	NONE	-	-	
22	*FENCE	8'	2032'	NONE	-	-	
23	**TREE	13'	2039'	NONE	NONE	NONE	
24	*FENCE	8'	2033'	NONE	NONE	NONE	
25	*FENCE	8'	2033'	NONE	NONE	NONE	
26	**TREE	16'	2041'	NONE	NONE	NONE	
27	**TREE	17'	2042'	NONE	NONE	NONE	
28	**TREE	18'	2044'	NONE	NONE	NONE	
29	*ROAD	15'	2038'	NONE	-	-	
30	*ROAD	15'	2039'	NONE	NONE	-	
31	*ROAD	15'	2040'	NONE	NONE	NONE	
32	*ROAD	15'	2041'	NONE	NONE	NONE	
33	*ROAD	15'	2041'	NONE	NONE	-	
34	*ROAD	15'	2044'	NONE	-	-	
35	*ROAD	15'	2039'	NONE	NONE	NONE	
36	*FENCE	8'	2034'	NONE	NONE	NONE	

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
* = OBJECT ELEVATIONS ARE ESTIMATED AND NOT BASED ON A SURVEY.
** = OBJECT TOP ELEVATIONS AND LOCATIONS ARE BASED ON A SURVEY BY: WOOLPERT INC., DATED: 10/2015.
- = OBJECT IS NOT LOCATED WITHIN THIS SURFACE.
● = OBJECT PENETRATION LOCATION
EST. = ESTIMATED; ELEV. = ELEVATION; HT. = HEIGHT; PEN. = PENETRATION;
N/A = NOT APPLICABLE; O.L. = OBSTRUCTION LIGHT; GQS = GLIDESLOPE QUALIFICATION SURFACE; APRC = APPROACH SURFACE;
TSS = THRESHOLD SITING SURFACE; DPRT = DEPARTURE SURFACE

NOTES:

1. SURFACE PENETRATIONS: LOWER, MARK AND LIGHT, REMOVE OR TAKE APPROPRIATE ACTION PER FAA FLIGHT PROCEDURES OFFICE DETERMINATIONS.
2. LESS THAN 35' LOW, CLOSE-IN DEPARTURE SURFACE PENETRATIONS: ADD NOTE TO DEPARTURE PROCEDURE OR LOWER, MARK AND LIGHT, OR REMOVE PER FAA FLIGHT PROCEDURES OFFICE DETERMINATION.

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPHALT)	APRC(E)	APRC(F)	APPROACH SURFACE
		STRUCTURE/FACILITIES (BUILDING)	DPRT(E)	DPRT(F)	DEPARTURE SURFACE
		GRAVEL / TURF / DIRT	TSS(E)	TSS(F)	THRESHOLD SITING SURFACE
		AIRPORT PROPERTY LINE (APL)	GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			THRESHOLD LIGHTS
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			REIL
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)	4125	N/A	CONTOURS
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)			ROAD
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)			MARKINGS
N/A		TO BE REMOVED	X	XX	FENCE

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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
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0	156295	09/2016	ORIGINAL ISSUE	6259505	GMR	CRM	JZP

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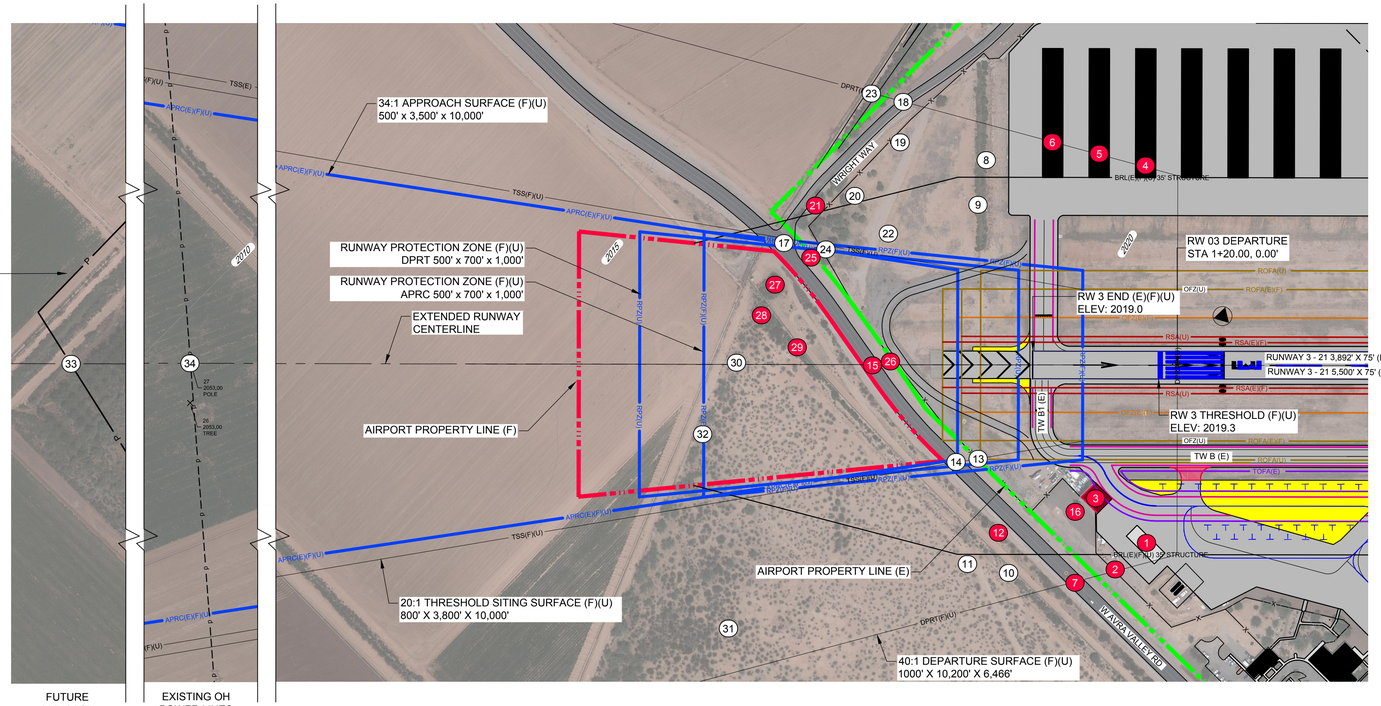
RUNWAY 21
INNER
APPROACH
(E)(F)

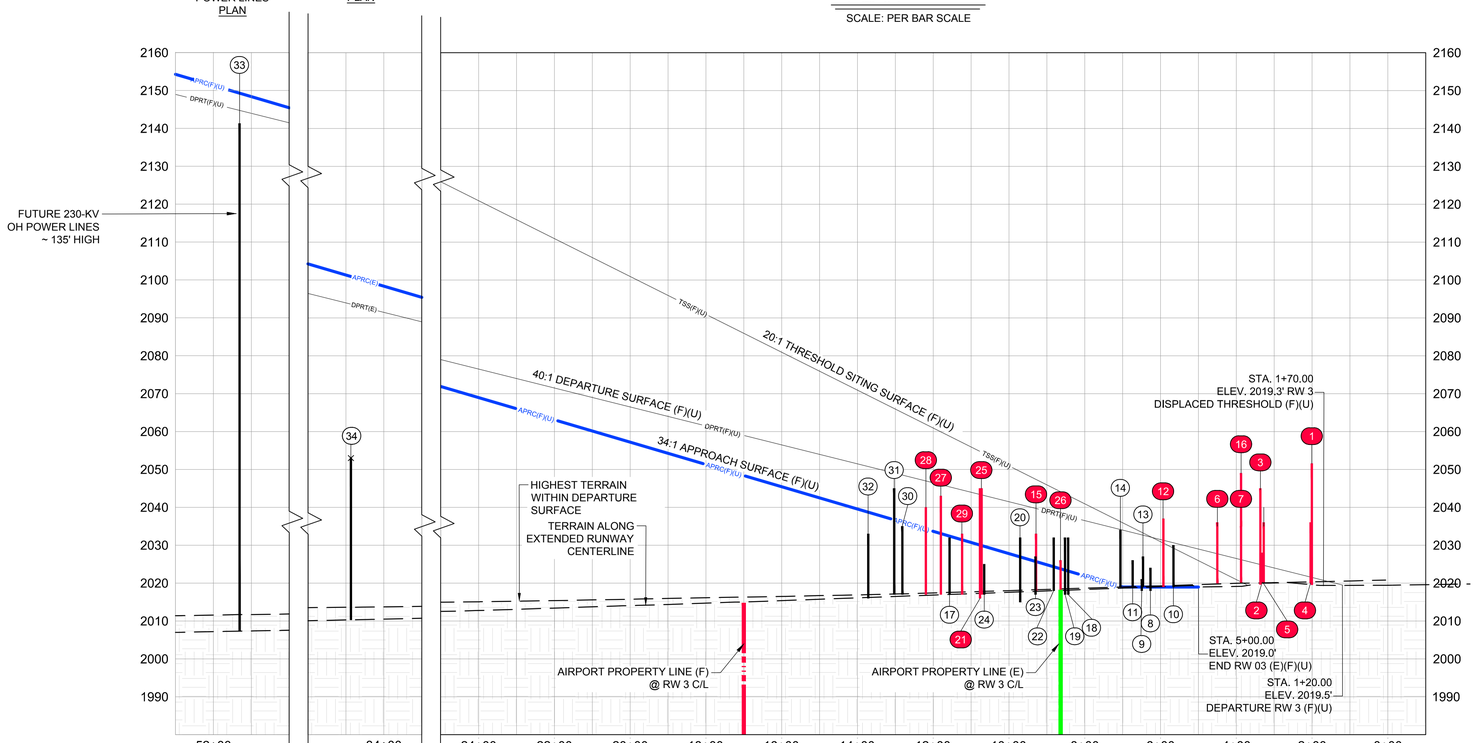


FUTURE 230-KV OH POWER LINES PLAN

EXISTING OH POWER LINES PLAN

PLAN

SCALE: PER BAR SCALE



RUNWAY 3 CENTERLINE PROFILE

SCALE: PER GRID

OBJECTS WITHIN RUNWAY 3 APRC, TSS AND DEPARTURE SURFACES (F)(U)

No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	34:1 APRC PEN.	20:1 TSS PEN.	40:1 DPRT PEN.	REMARKS
1	**POLE WITH LIGHT	32'	2052'	-	-	+30'	LIGHTED
2	**FENCE	8'	2028'	-	-	+3'	NOTE 2
3	**HANGAR	25'	2045'	-	-	+20'	NOTE 2
4	**T-HANGAR	16'	2036'	-	-	+8'	NOTE 2
5	**T-HANGAR	16'	2036'	-	-	+8'	NOTE 2
6	**T-HANGAR	16'	2036'	-	-	+8'	NOTE 2
7	**ROAD	15'	2035'	-	-	+9'	NOTE 2
8	**TREE	6'	2024'	-	-	NONE	
9	**TREE	3'	2021'	-	-	NONE	
10	**TREE	11'	2030'	-	-	NONE	
11	**TREE	7'	2026'	-	-	NONE	
12	**TREE	18'	2037'	-	-	+6'	NOTE 2
13	*FENCE	8'	2027'	NONE	-	NONE	
14	**ROAD	15'	2034'	NONE	NONE	NONE	
15	**ROAD	15'	2033'	+7'	NONE	NONE	NOTE 1
16	**TREE	29'	2049'	-	-	+23'	NOTE 2
17	*ROAD	15'	2032'	NONE	NONE	NONE	
18	*ROAD	15'	2032'	-	-	NONE	
19	**TREE	15'	2032'	-	-	NONE	
20	**TREE	17'	2034'	-	-	NONE	
21	**TREE	28'	2045'	-	-	+2'	NOTE 2
22	**TREE	14'	2032'	-	-	NONE	
23	*ROAD	10'	2027'	-	-	NONE	
24	*FENCE	8'	2025'	NONE	NONE	NONE	
25	**UTILITY POLE	28'	2045'	+15'	NONE	+2'	NOTE 1 & NOTE 2
26	*FENCE	8'	2026'	+2'	NONE	NONE	NOTE 1
27	**TREE	26'	2043'	+10'	NONE	NONE	NOTE 1
28	**TREE	23'	2040'	+6'	NONE	NONE	NOTE 1
29	**TREE	16'	2033'	+2'	NONE	NONE	NOTE 1
30	**TREE	18'	2035'	NONE	NONE	NONE	
31	**TREE	28'	2045'	-	-	NONE	
32	**TREE	17'	2033'	NONE	NONE	NONE	
33	*OH POWER	135'	2142'	NONE	NONE	NONE	
34	**OH POWER	34'	2053'	NONE	NONE	NONE	

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
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NOTES:

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2. LESS THAN 35' LOW, CLOSE-IN DEPARTURE SURFACE PENETRATIONS: ADD NOTE TO DEPARTURE PROCEDURE OR LOWER, MARK AND LIGHT, OR REMOVE PER FAA FLIGHT PROCEDURES OFFICE DETERMINATION.

200 0 200 400
SCALE IN FEET

10°2'24"

MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09° WEST PER YEAR
OBTAINED: 09/13/16

LEGEND

EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPHALT)
		STRUCTURE/FACILITIES (BUILDING)
		GRAVEL / TURF / DIRT
		AIRPORT PROPERTY LINE (APL)
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)
N/A		TO BE REMOVED
APRC(E)	APRC(F)	APPROACH SURFACE
DPRT(E)	DPRT(F)	DEPARTURE SURFACE
TSS(E)	TSS(F)	THRESHOLD SITING SURFACE
GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE
	0000 0000	THRESHOLD LIGHTS
		REIL
4125	N/A	CONTOURS
		ROAD
		MARKINGS
X	XX	FENCE

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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd
3							
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0	156295	09/2016	ORIGINAL ISSUE	8259505	GMR	CRM	JZP

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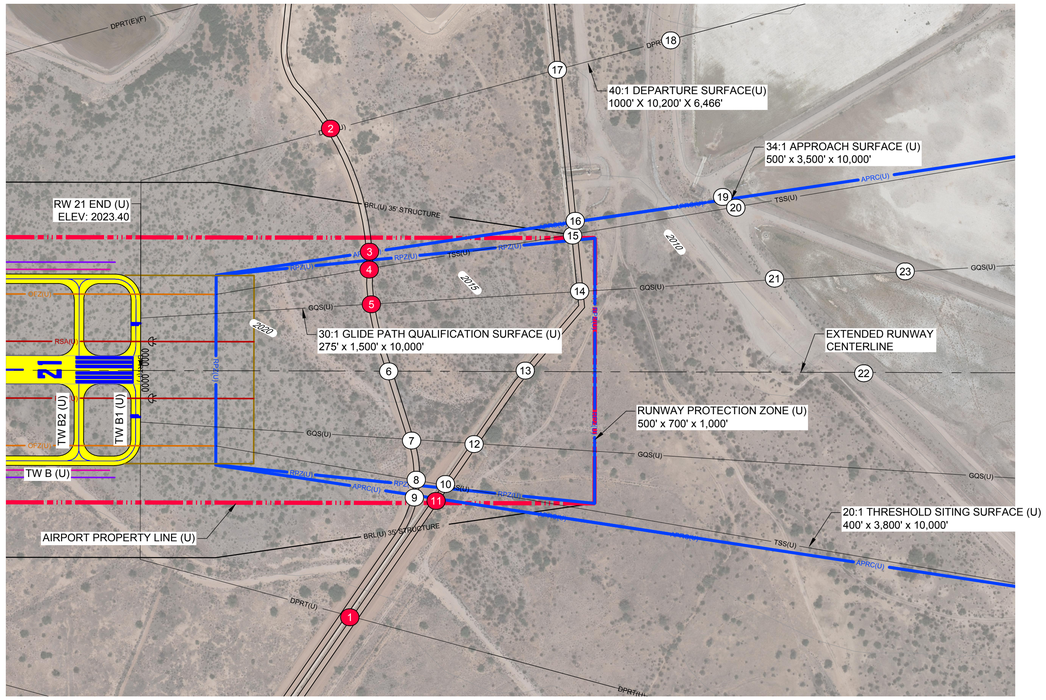
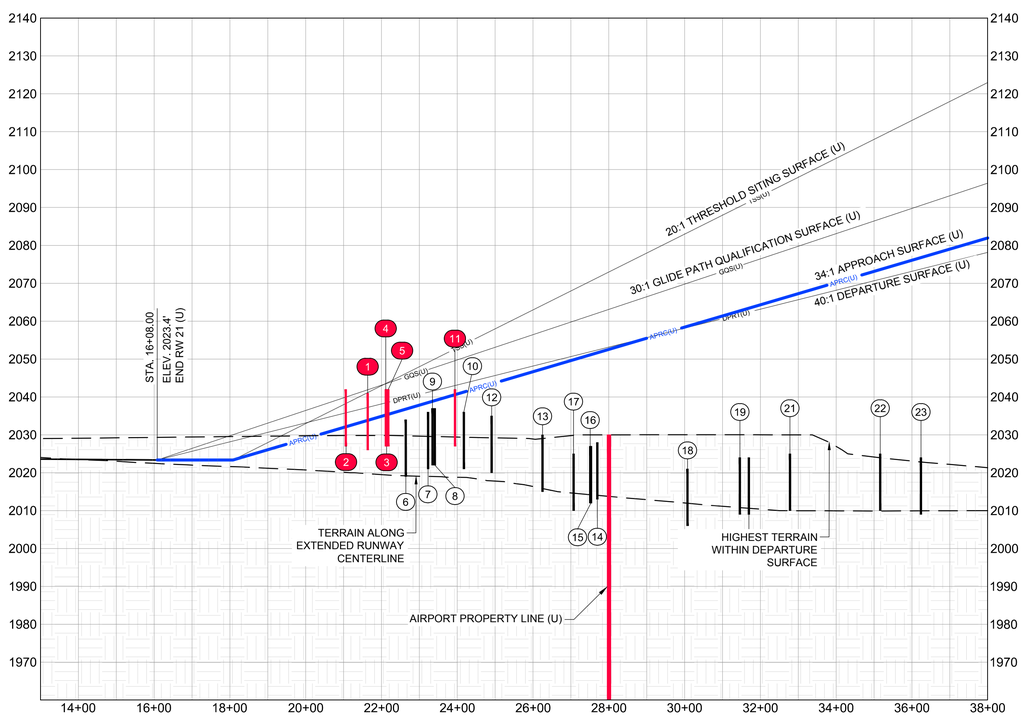
RUNWAY 3
INNER
APPROACH
(F)(U)



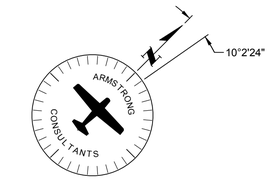
PLAN

SCALE: PER BAR SCALE



RUNWAY 21 CENTERLINE PROFILE

SCALE: PER GRID



MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09° WEST PER YEAR
OBTAINED: 09/13/16

200 0 200 400

SCALE IN FEET

OBJECTS WITHIN RUNWAY 21 GQS, APRC, TSS AND DEPARTURE SURFACES (U)

No.	OBJECT	EST. OBJECT HT.	TOP ELEV. (MSL)	30:1 GQS PEN.	20:1 TSS PEN.	34:1 APRC SURFACE PEN.	40:1 DPRT PEN.	REMARKS
1	*ROAD	15'	2041'	-	-	-	+4'	NOTE 1
2	*ROAD	15'	2042'	-	-	-	+6'	NOTE 1
3	*ROAD	15'	2042'	-	-	+7'	+4'	NOTE 1 & 2
4	*ROAD	15'	2042'	-	NONE	+7'	+4'	NOTE 1 & 2
5	*ROAD	15'	2042'	NONE	NONE	+6'	+3'	NOTE 1 & 2
6	*ROAD	15'	2034'	NONE	NONE	NONE	NONE	
7	*ROAD	15'	2036'	NONE	NONE	NONE	NONE	
8	*ROAD	15'	2037'	-	NONE	NONE	NONE	
9	*ROAD	15'	2037'	-	-	NONE	NONE	
10	*ROAD	15'	2036'	-	NONE	NONE	NONE	
11	*ROAD	15'	2037'	-	-	+1'	NONE	NOTE 1
12	*ROAD	15'	2035'	NONE	NONE	NONE	NONE	
13	*ROAD	15'	2030'	NONE	NONE	NONE	NONE	
14	*ROAD	15'	2028'	NONE	NONE	NONE	NONE	
15	*ROAD	15'	2027'	-	NONE	NONE	NONE	
16	*ROAD	15'	2027'	-	-	NONE	NONE	
17	*ROAD	15'	2025'	-	-	-	NONE	
18	*ROAD	15'	2021'	-	-	-	NONE	
19	*ROAD	15'	2024'	-	-	NONE	NONE	
20	*ROAD	15'	2024'	-	NONE	NONE	NONE	
21	*ROAD	15'	2025'	NONE	NONE	NONE	NONE	
22	*ROAD	15'	2025'	NONE	NONE	NONE	NONE	
23	*ROAD	15'	2024'	NONE	NONE	NONE	NONE	

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
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NOTES:

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2. LESS THAN 35' LOW, CLOSE-IN DEPARTURE SURFACE PENETRATIONS: ADD NOTE TO DEPARTURE PROCEDURE OR LOWER, MARK AND LIGHT, OR REMOVE PER FAA FLIGHT PROCEDURES OFFICE DETERMINATION.

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPHALT)	APRC(E)	APRC(F)	APPROACH SURFACE
		STRUCTURE/FACILITIES (BUILDING)	DPRT(E)	DPRT(F)	DEPARTURE SURFACE
		GRAVEL / TURF / DIRT	TSS(E)	TSS(F)	THRESHOLD SITING SURFACE
		AIRPORT PROPERTY LINE (APL)	GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			THRESHOLD LIGHTS
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			REIL
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)	4125	N/A	CONTOURS
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)			ROAD
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)			MARKINGS
N/A		TO BE REMOVED	X	XX	FENCE

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RUNWAY 21
INNER
APPROACH
(U)

AIRPORT PROPERTY LINE (F)

AIRPORT PROPERTY LINE (E)

AIRPORT PROPERTY LINE (E)

AIRPORT PROPERTY LINE (F)

AIRPORT PROPERTY LINE (F)

RUNWAY 3 - 21 5,500' X 75' (U)

RUNWAY 12 - 30 6,901' X 100' (E)

RUNWAY 3 - 21 3,862' X 75' (E)

WRIGHT WAY

W AVRA VALLEY RD

N SANDARIO RD

N SANDERS RD

AIRPORT PROPERTY LINE (E)

AIRPORT PROPERTY LINE (F)

10°2'24"

ARMSTRONG CONSULTANTS

MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09' WEST PER YEAR
OBTAINED: 09/13/16

400 0 400 800

SCALE IN FEET

LEGEND

- AERONAUTICAL
- AERONAUTICAL REVENUE GENERATING GENERAL AVIATION

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0	156295	09/2016	ORIGINAL ISSUE	6259506	GMR	CRM	JZP

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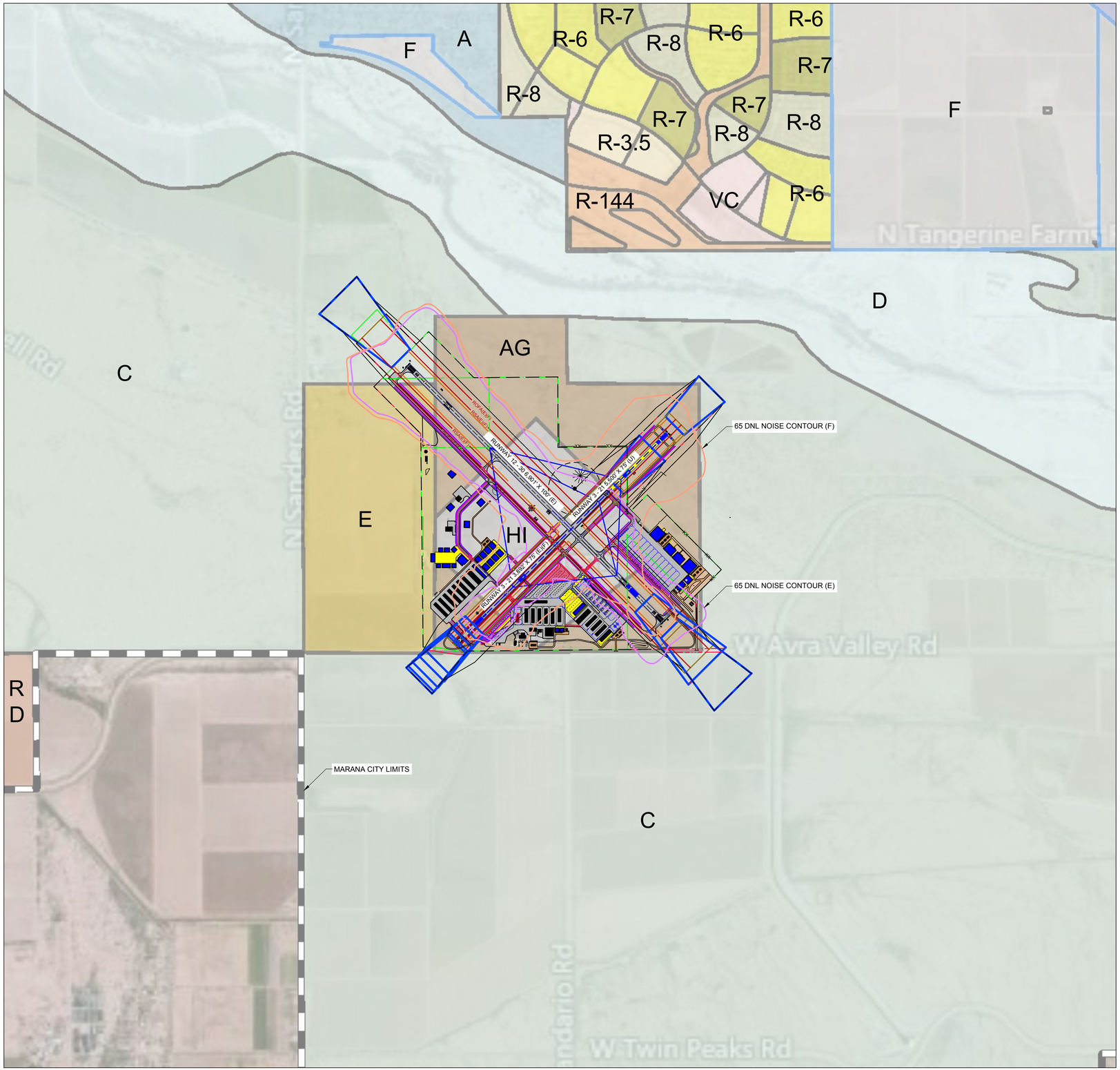
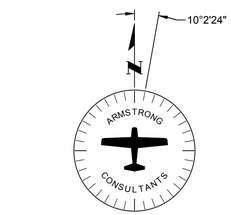
ON AIRPORT
LAND USE
DRAWING



ORDINANCES IN EFFECT

NOTICE OF PROPOSED CONSTRUCTION

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.



MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09° WEST PER YEAR
OBTAINED: 09/13/16

1000 0 1000 2000
SCALE IN FEET

LEGEND

EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPHALT)
		STRUCTURE/FACILITIES (BUILDING)
		GRAVEL / TURF / DIRT
		AIRPORT PROPERTY LINE (APL)
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)
		ROADS
		MARKINGS
X	XX	FENCING
		HELICOPTER PARKING
mwm		TO BE REMOVED
		DNL NOISE CONTOUR

CHURCH H HOSPITAL SCHOOL P PARK

ZONING TYPE	ZONING DESCRIPTION
	MARANA CITY LIMITS
	C LARGE LOT ZONE
	AG AGRICULTURAL
	RD-180 RURAL DEVELOPMENT
	E TRANSPORTATION CORRIDOR ZONE
	HI HEAVY INDUSTRIAL
	R-6 SINGLE FAMILY RESIDENTIAL
	D DESIGNATED FLOODPLAIN ZONE
	R-144 SINGLE FAMILY RESIDENTIAL
	F SPECIFIC PLAN
	R-7 SINGLE FAMILY RESIDENTIAL
	VC VILLAGE COMMERCIAL
	R-3.5 SINGLE FAMILY RESIDENTIAL
	R-8 SINGLE FAMILY RESIDENTIAL
	NC NEIGHBORHOOD COMMERCIAL
	A SMALL LOT ZONE

LAND USE SOURCE: TOWN OF MARANA, AZ AUGUST 2016.

ARMSTRONG
PLANNING ENGINEERING CONSTRUCTION
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DENVER, CO: 303.708.1747
PHOENIX, AZ: 602.803.7079
ALBUQUERQUE, NM: 505.508.2192
www.armstrongconsultants.com

MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
3							
2							
1							
0	156295	09/2016	ORIGINAL ISSUE	6259507	GMR	CRM	JZP

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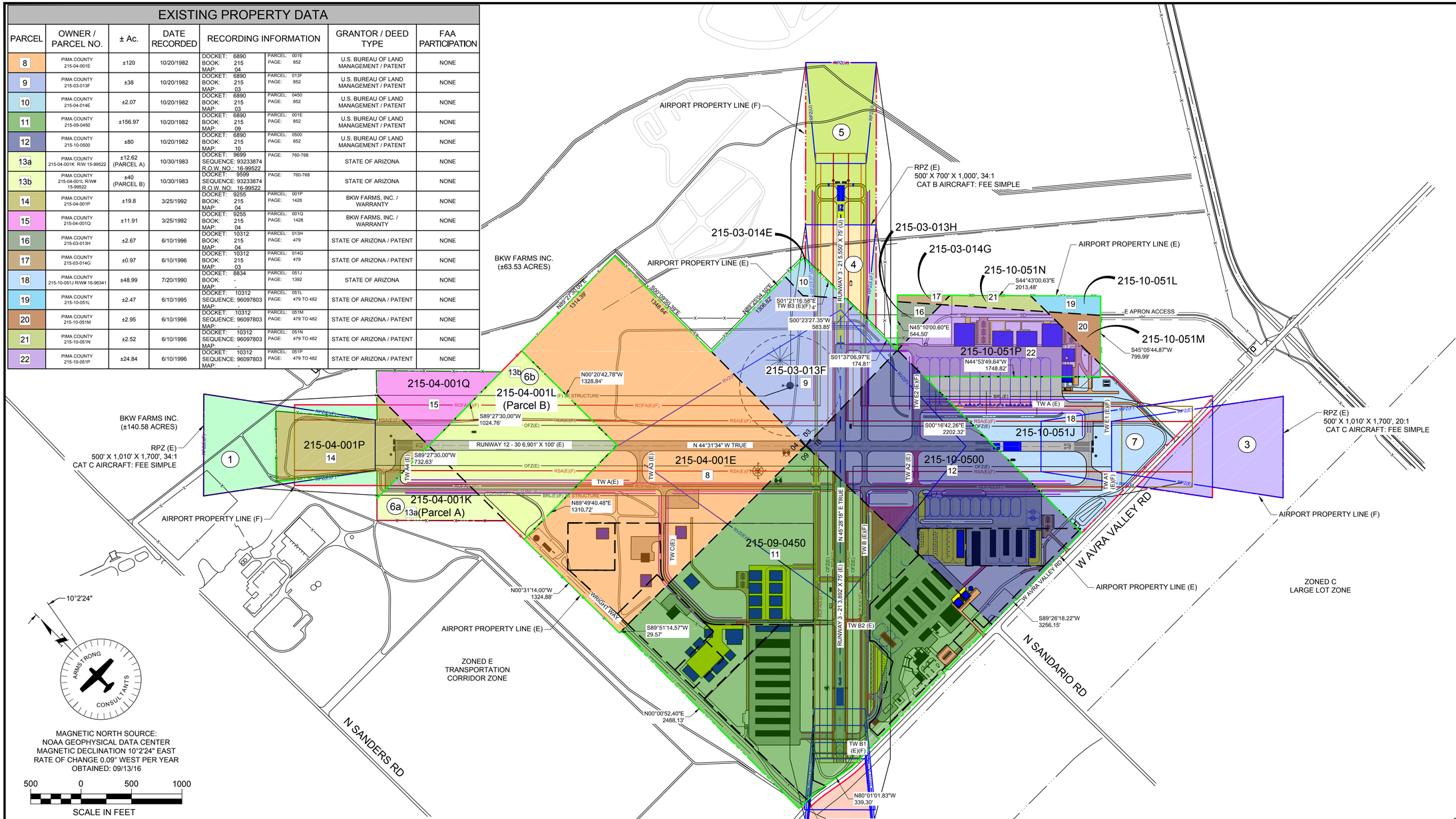
OFF AIRPORT LAND USE

EXISTING PROPERTY DATA

PARCEL	OWNER / PARCEL NO.	± Ac.	DATE RECORDED	RECORDING INFORMATION		GRANTOR / DEED TYPE	FAA PARTICIPATION
8	PIMA COUNTY 215-04-001E	±120	10/20/1982	DOCKET: 6890 BOOK: 215 MAP: 04	PARCEL: 001E PAGE: 852	U.S. BUREAU OF LAND MANAGEMENT / PATENT	NONE
9	PIMA COUNTY 215-03-013F	±38	10/20/1982	DOCKET: 6890 BOOK: 215 MAP: 03	PARCEL: 013F PAGE: 852	U.S. BUREAU OF LAND MANAGEMENT / PATENT	NONE
10	PIMA COUNTY 215-04-014E	±2.07	10/20/1982	DOCKET: 6890 BOOK: 215 MAP: 03	PARCEL: 0450 PAGE: 852	U.S. BUREAU OF LAND MANAGEMENT / PATENT	NONE
11	PIMA COUNTY 215-09-0450	±156.97	10/20/1982	DOCKET: 6890 BOOK: 215 MAP: 09	PARCEL: 001E PAGE: 852	U.S. BUREAU OF LAND MANAGEMENT / PATENT	NONE
12	PIMA COUNTY 215-10-0500	±80	10/20/1982	DOCKET: 6890 BOOK: 215 MAP: 10	PARCEL: 0500 PAGE: 852	U.S. BUREAU OF LAND MANAGEMENT / PATENT	NONE
13a	PIMA COUNTY 215-04-001K R/W 15-99522	±12.62 (PARCEL A)	10/30/1983	DOCKET: 9699 SEQUENCE: 93233874 R.O.W. NO.: 16-99522	PAGE: 760-768	STATE OF ARIZONA	NONE
13b	PIMA COUNTY 215-04-001L R/W# 15-99522	±40 (PARCEL B)	10/30/1983	DOCKET: 9599 SEQUENCE: 93233874 R.O.W. NO: 16-99522	PAGE: 760-768	STATE OF ARIZONA	NONE
14	PIMA COUNTY 215-04-001P	±19.8	3/25/1992	DOCKET: 9255 BOOK: 215 MAP: 04	PARCEL: 001P PAGE: 1428	BKW FARMS, INC. / WARRANTY	NONE
15	PIMA COUNTY 215-04-001Q	±11.91	3/25/1992	DOCKET: 9255 BOOK: 215 MAP: 04	PARCEL: 001Q PAGE: 1428	BKW FARMS, INC. / WARRANTY	NONE
16	PIMA COUNTY 215-03-013H	±2.67	6/10/1996	DOCKET: 10312 BOOK: 215 MAP: 04	PARCEL: 013H PAGE: 479	STATE OF ARIZONA / PATENT	NONE
17	PIMA COUNTY 215-03-014G	±0.97	6/10/1996	DOCKET: 10312 BOOK: 215 MAP: 03	PARCEL: 014G PAGE: 479	STATE OF ARIZONA / PATENT	NONE
18	PIMA COUNTY 215-10-051J R/W# 16-96341	±48.99	7/20/1990	DOCKET: 8834 BOOK: - MAP: -	PARCEL: 051J PAGE: 1392	STATE OF ARIZONA	NONE
19	PIMA COUNTY 215-10-051L	±2.47	6/10/1995	DOCKET: 10312 SEQUENCE: 96097803 MAP: -	PARCEL: 051L PAGE: 479 TO 482	STATE OF ARIZONA / PATENT	NONE
20	PIMA COUNTY 215-10-051M	±2.95	6/10/1996	DOCKET: 10312 SEQUENCE: 96097803 MAP: -	PARCEL: 051M PAGE: 479 TO 482	STATE OF ARIZONA / PATENT	NONE
21	PIMA COUNTY 215-10-051N	±2.52	6/10/1996	DOCKET: 10312 SEQUENCE: 96097803 MAP: -	PARCEL: 051N PAGE: 479 TO 482	STATE OF ARIZONA / PATENT	NONE
22	PIMA COUNTY 215-10-051P	±24.84	6/10/1996	DOCKET: 10312 SEQUENCE: 96097803 MAP: -	PARCEL: 051P PAGE: 479 TO 482	STATE OF ARIZONA / PATENT	NONE



MAGNETIC NORTH SOURCE:
NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09° WEST PER YEAR
OBTAINED: 09/13/16

500 0 500 1000
SCALE IN FEET

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
ASPHALT CONCRETE		AIRFIELD DEVELOPMENT (ASPHALT)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		GRAVEL / TURF / DIRT			VASI/PAPI
		AIRPORT PROPERTY LINE (APL)			AIRPORT ROTATING BEACON
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			NON DIRECTIONAL BEACON
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			WIND CONE & SEGMENTED CIRCLE
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)			AWOS
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)			LIGHTED WIND CONE
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)		N/A	SECTION CORNER
TSA(E)	TSA(F)	TAXIWAY SAFETY AREA (TSA)	4125	N/A	CONTOURS
TOFA(E)	TOFA(F)	TAXIWAY OBJECT FREE AREA (TOFA)			ROADS
RVZ(E)	RVZ(E)	RUNWAY VISIBILITY ZONE (RVZ)			MARKINGS
		AIRPORT REFERENCE POINT (ARP)			FENCING
	N/A	PACS/SACS MONUMENT			HELICOPTER PARKING
		IRRIGATION CANAL	N/A		TO BE REMOVED
				N/A	PARCEL LINE

PROPERTY TO BE ACQUIRED

PARCEL	INTEREST	LOCATION	ACREAGE	PURPOSE
1	FEE SIMPLE OR EASEMENT	PORTION OF: S4, T12S, R11E	±32.89	RUNWAY PROTECTION ZONE
2	FEE SIMPLE OR EASEMENT	PORTION OF: S9, T12S, R11E	±10.67	RUNWAY PROTECTION ZONE
3	FEE SIMPLE OR EASEMENT	PORTION OF: S10, T12S, R11E	±22.76	RUNWAY PROTECTION ZONE
4	FEE SIMPLE OR EASEMENT	PORTION OF: S3, T12S, R11E	±9.81	RUNWAY PROTECTION ZONE
5	FEE SIMPLE OR EASEMENT	PORTION OF: S3, T12S, R11E	±21.39	RUNWAY EXTENSION RUNWAY PROTECTION ZONE
6a 6b	FEE SIMPLE	PORTION OF: S4, T12S, R11E	±52.0	AERONAUTICAL
7	FEE SIMPLE	PORTION OF: S10, T12S, R11E	±46.25	AERONAUTICAL

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MARANA REGIONAL AIRPORT
MARANA, ARIZONA

ADOT No. E5S3N
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
3							
2							
1							
0	156295	09/2016	ORIGINAL ISSUE		GMR	CRM	JZP

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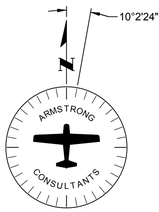
AIRPORT PROPERTY INVENTORY MAP



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NOAA GEOPHYSICAL DATA CENTER
MAGNETIC DECLINATION 10°2'24" EAST
RATE OF CHANGE 0.09° WEST PER YEAR
OBTAINED: 09/13/16

600 0 600 1200
SCALE IN FEET

AERIAL PHOTOGRAPH BY: WOOLPERT, INC., TAKEN 10/2015.

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AERIAL PHOTOGRAPH