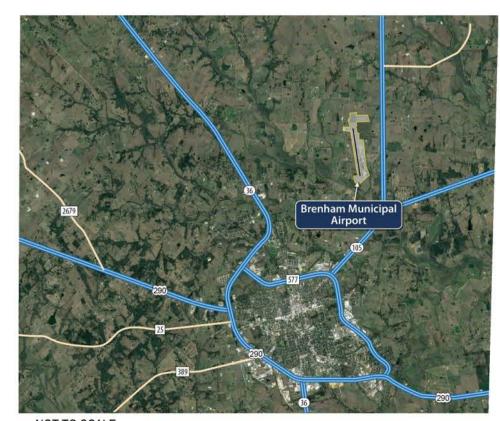
AIRPORT LAYOUT PLAN for the

BRENHAM MUNICIPAL AIRPORT



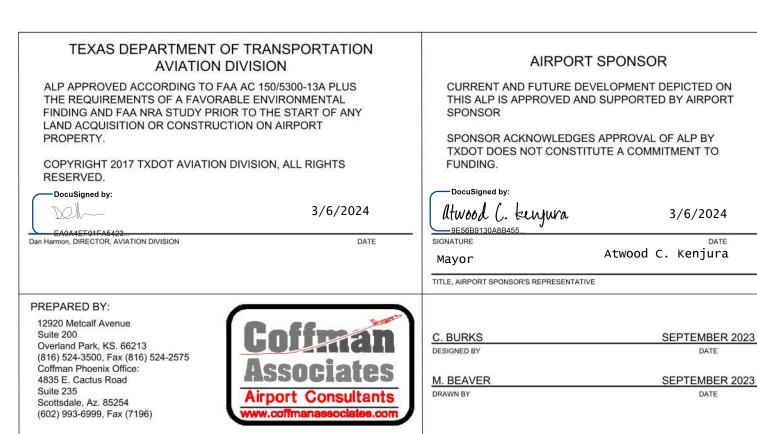
DRAWING INDEX



- **LOCATION MAP**
- WASHINGTON COUNTY **COUNTY MAP**

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- 2. AIRPORT DATA SHEET
- 3. AIRPORT LAYOUT PLAN DRAWING EXISTING/FUTURE
- 4. AIRPORT LAYOUT PLAN DRAWING ULTIMATE
- 5. AIRPORT AIRSPACE DRAWING
- 6. AIRPORT AIRSPACE PROFILE RUNWAY 17-35
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- 8. INNER PORTION OF THE APPROACH SURFACE DRAWING EXISTING RW 34/FUTURE RW 35
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- 15. ULTIMATE LAND USE DRAWING
- 16. EXHIBIT "A" AIRPORT PROPERTY INVENTORY MAP



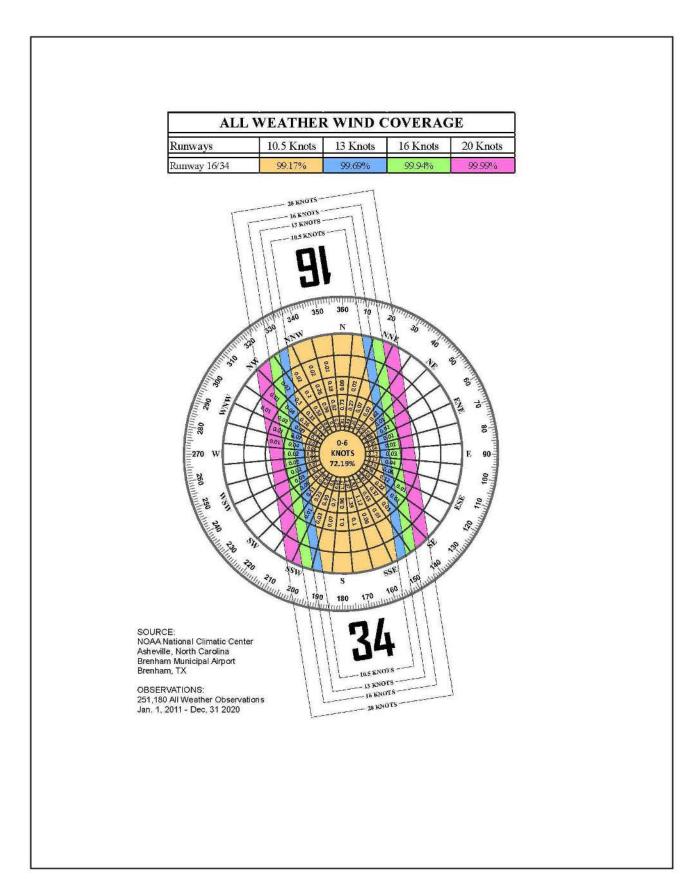


BY CHK'D DATE **REVISIONS**

TITLE SHEET

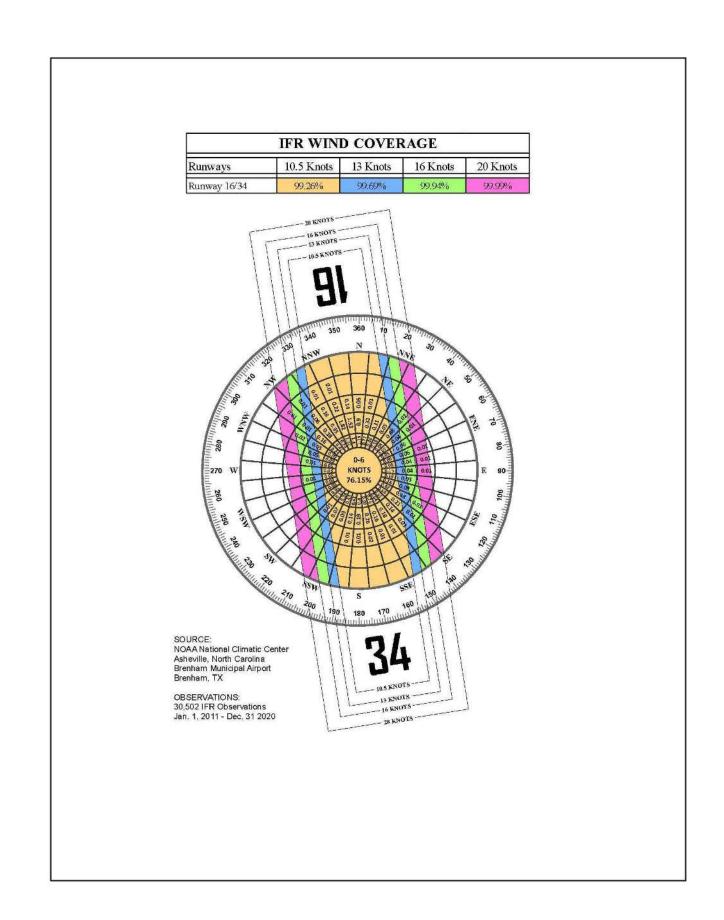
BRENHAM MUNICIPAL AIRPORT (11R) BRENHAM, TEXAS





DUDUA/AV DATA T				RUNWA	Y 16-34		
RUNWAY DATA TA	ABLE	EXIS	TING	FUTL	JRE	ULTI	VIATE
Runway Identification		16	34	17	35	17	35
Runway Design Code (RDC)		B-II-	4000	B-II-4000		C-II-4000	
Approach Reference Code (APRC)		B/II/4	4000	SAME		SAME	
Departure Reference Code (DPRC)		B/II		SAME		B-III & D-II	
Runway Surface Material		ASPI	HALT	SAN	1E	SA	ME
Runway Pavement Strength By Wheel Loading (in the	ousands of lbs.)	30	o s	SAN	1E	60 E)WL
Runway Pavement Strength by PCN		N	I/A	N//	A	N	/ <mark>A</mark>
Runway Surface Treatment		NC	ONE	NON	IE.	NO	NE
Runway Effective Gradient		1.1	2%	SAN	1E	1.1	1%
	10.5 knots	99.	17%	SAN	1E	SA	ME
Runway Percent Wind Coverage 13 knots 16 knots		99.0	69%	SAN	1E	SAME	
		ts 99.94%		SAN	1E	SA	ME
	20 knots	99.	99%	SAME		SA	ME
Runway Dimensions (L x W)		6,003	3' x 75'	SAN	1E	6,503'	x 100'
Runway End Coordinates	Latitude	30° 13' 40.20" N	30° 12' 41.46" N	SAME	SAME	30° 13' 45.003" N	30° 12' 41.374" N
Runway End Cooldinates	Longitude	96° 22' 33.01" W	96° 22' 22.69" W	SAME	SAME	96° 22' 23.366" W	96° 22' 23.366" W
Runway End Elevation	*	317.70' MSL	250.44' MSL	SAME	SAME	322.50' MSL	250.44' MSL
Runway Displaced Threshold Coordinates	Latitude	N/A	N/A	SAME	SAME	SAME	30° 12' 42.098" N
Runway Displaced Theshold Cooldinates	Longitude	N/A	N/A	SAME	SAME	SAME	96° 22' 23.493" W
Runway Displaced Threshold Distance		N/A	N/A	SAME	SAME	SAME	74'
Runway Displaced Threshold Elevation		N/A	N/A	SAME	SAME	SAME	251.23' MSL
Runway Safety Area Dimensions (width x length beyo	nd end) - Design Std.	150' x 300'	150' x 300'	SAME	SAME	500' x 1,000'	500' x 1,000'
Runway Safety Area Dimensions (width x length beyo	nd end) - Actual	150' x 300'	150' x 300'	SAME	SAME	500' x 1,000'	500' x 526'
Runway Lighting Type		MI	RL	SAN	1E	SA	ME
Runway Protection Zone Dimensions		1,700' X 1,000' X 1,510'	1,700' X 1,000' X 1,510'	SAME	SAME	SAME	SAME
Runway Marking Type		NON-PR	RECISION	SAN	1E	SA	ME
14 CFR Part 77 Approach Slope	· ·	34:1	34:1	SAME	SAME	SAME	SAME
14 CFR Part 77 Approach Type		NP-C	NP-D	NP-D	SAME	SAME	SAME
Approach Visibility Minimums		7/8 MILE	3/4 MILE	3/4 MILE	SAME	SAME	SAME
Type of Aeronautical Survey Required for Approach		VERTICALLY GUIDED	VERTICALLY GUIDED	SAME	SAME	SAME	SAME
Departure Surface (Yes or N/A)		Y	Y	SAME	SAME	SAME	SAME
Runway Object Free Area Dimensions (width x length	beyond end)	500' x 300'	500' x 300'	SAME	SAME	800' x 1,000'	800' x 526'
Runway Obstacle Free Zone Dimension (width x leng	gth beyond end)	400' x 200'	400' x 200'	SAME	SAME	SAME	SAME
13B Approach Surfaces*		5 & 6	5 & 6	SAME	SAME	SAME	SAME
Runway Visual and Instrument Navaids		GPS, PAPI-2(16),	PAPI-4(34), REILs	GPS, PAPI-4 (1	7-35), REILs	SA	ME
Touchdown Zone Elevation		318.00' MSL	269.00' MSL	SAME	SAME	322.50' MSL	283.74' MSL
Vertical Datum		,	*	NAVE	088	***	
Horizontal Datum				NAD	83		

*Tables 3-2, 3-3, & 3-4 in AC 150/5300-13B



				Taxiway Da	ata Table			
Existing/Future/ Ultimate Taxiway/Taxilane Designation	Width	Taxiway Design Group (TDG)	Taxiway/Taxilane Safety Area Dimension	Taxiway Object Free Area	Taxilane Object Free Area	Taxiway/Taxilane Lighting	Taxiway & Taxilane Separation ¹	Taxiway Edge Safety Margin (TESM)
A	40'	2A	79'	124'	110'	GREEN CENTERLINE REFLECTORS/MITL	62'	7.5'
A1 - A5	40'	2A	79'	124'	110'	GREEN CENTERLINE REFLECTORS/MITL	62'	7.5'
A6	35'	2A	79'	124'	110'	MITL	62'	7.5'
B1	35'	2A	79'	124'	110'	MITL	62'	7.5'
В	35'	2A	79'	124'	110'	MITL	62'	7.5'
B2	35'	2A	79'	124'	110'	MITL	62'	7.5'

RUNWAY DECLARED DISTANCE	EXIS	TING	FUT	URE	ULTI	MATE
RUNWAY DECLARED DISTANCE	16	34	17	35	17	35
Takeoff Run Available (TORA)	6,003'	6,003'	SAME	SAME	6,503'	6,503'
Takeoff Distance Available (TODA)	6,003'	6,003'	SAME	SAME	6,503'	6,503'
Accelerate-Stop Distance Available (ASDA)	6,003'	6,003'	SAME	SAME	6,029'	6,503'
Landing Distance Available (LDA)	6.003'	6.003'	SAME	SAME	6,029'	6,429'

		AIRPORT DATA					
City: BRENHAM, TEXAS		County: WASHINGTON	Owner: CITY OF BRENHAM				
Airport Name & ID: BRENHAM MUNICIPAL AIRPORT (11R) Airport Reference Code (ARC)		EXISTING	FUTURE	ULTIMATE			
		B-II	SAME	C-II			
Mean Maximum Temperature of Hottest Month			95°f (AUG)				
Airport Elevation (NAVD 88)		317.70' msl	SAME	322.50' msl			
Airport Navigational Aids		GPS, ROTATING	GPS, ROTATING				
		BEACON, PAPI-2, PAPI-4,	BEACON, PAPI-4, REILs,	SAME			
· ····································		REILs, LIGHTED WIND	LIGHTED WIND CONE,	OAIVIL			
		CONE, ASR-11	ASR-11				
Airport Reference Point (ARP) Coordinates	Latitude	30° 13' 10.832" N	SAME	30° 13' 13.188" N			
Longitude		96° 22' 27.850" W	SAME	96° 22' 28.955" W			
Miscellaneous Facilities		AWOS	SAME	SAME			
Design Critical Aircraft		CITATION II/SP/LATITUDE	SAME	CHALLENGER 600/604			
Wingspan of Design Aircraft (Feet)		52.17'	SAME	64.33			
Approach Speed of Design Aircraft (Knots)		112	SAME	125			
Undercarriage Width of Design Aircraft (Feet)	o L	13.33	SAME	13			
Magnetic Declination (Degrees)			2° 33' E				
Declination Date			01/2023				
Declination Source			NOAA				
NPIAS Code			REGIONAL GA	<u> </u>			
State System Plan Role			BUSINESS/CORPORATE				

ELECTRONIC AIRPORT	T NAVAID OWNERSHIP
NAVAID	OWNER
Beacon	Airport
PAPI's	Airport
REIL's	Airport
MIRL's	Airport
Windsocks	Airport
Signage	Airport
AWOS	Airport

	MODIFICATIONS TO STAND	ARDS APPROVAL TABLE	
APPROVAL DATE	AIRSPACE CASE NUMBER	STANDARD MODIFIED	DESCRIPTION
	NONE REC	QUIRED	5.



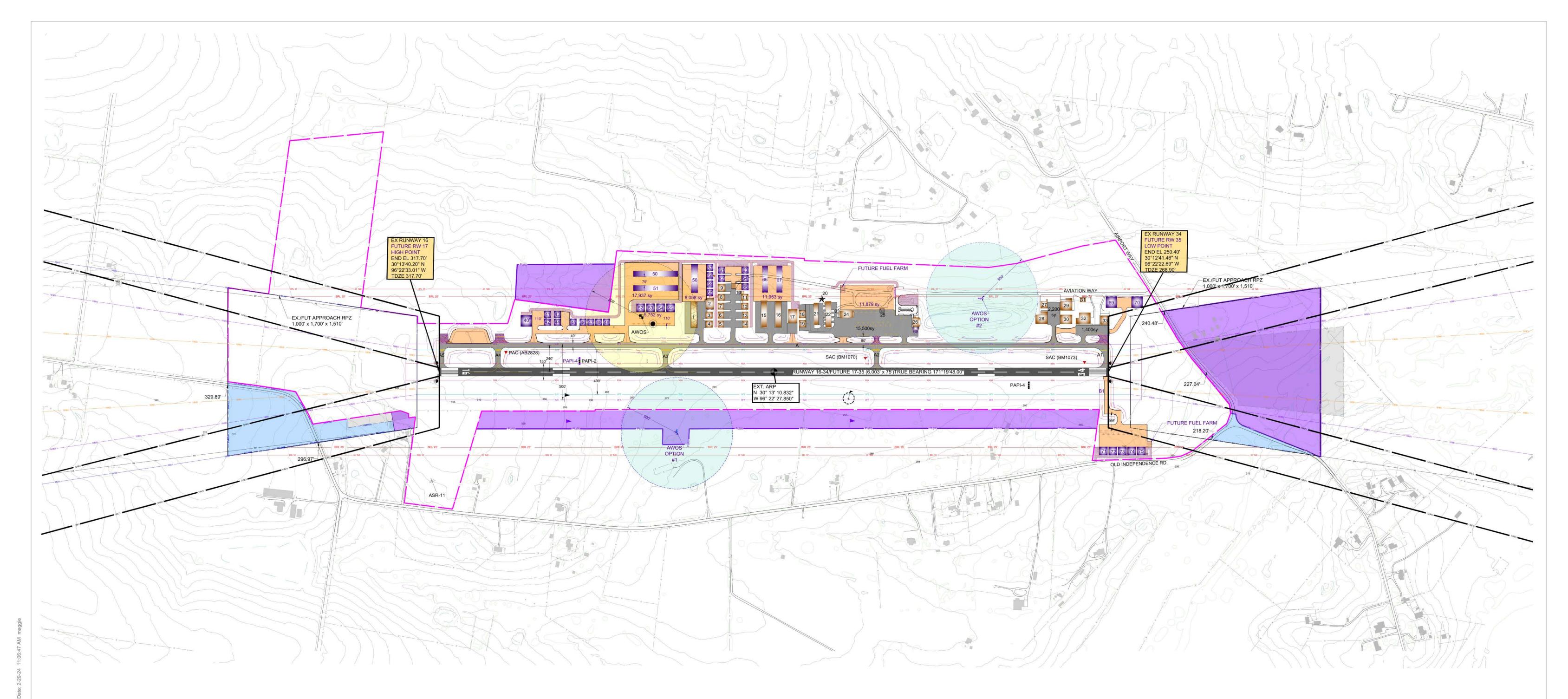
AIRPORT DATA SHEET

BRENHAM MUNICIPAL AIRPORT (11R) BRENHAM, TEXAS



SEPTEMBER 2023

NO.	REVISIONS	BY	CHK'D	DATE

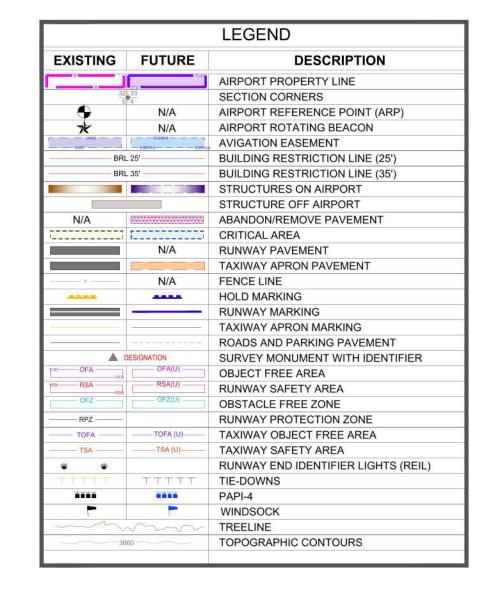


#	Facility Name	Top Elevation ft.
1	T-HANGAR (10 UNIT)	±283.3'
2	EXECUTIVE HANGAR	±292.0'
3	EXECUTIVE HANGAR	±292.3'
4	EXECUTIVE HANGAR	±290.1'
5	EXECUTIVE HANGAR	292.8'
6	EXECUTIVE HANGAR	292.6'
7	EXECUTIVE HANGAR	292.8'
8	EXECUTIVE HANGAR	291.9'
9	EXECUTIVE HANGAR	±292.0'
10	BUILDING	270.0'
11	EXECUTIVE HANGAR	289.8'
12	EXECUTIVE HANGAR	290.2'
13	EXECUTIVE HANGAR	290.7'
14	EXECUTIVE HANGAR	291.3'
15	T-HANGAR (10 UNIT)	283.3'
16	T-HANGAR (10 UNIT)	±283.3'
17	CONVENTIONAL HANGAR	±283.3'
18	EXECUTIVE HANGAR	±283.3'
19	EXECUTIVE HANGAR	±283.3'
20	ROTATING BEACON	306.5'
21	T-HANGAR (6 UNIT)	272.3'
22	T-HANGAR (10 UNIT)	273.2'
23	BUILDING	±283.3'
24	AIRPORT MAINTENANCE HANGAR	280.1'
25	FUEL FARM	255.3'
26	TERMINAL	277.6'
27	EXECUTIVE HANGAR	277.9'
28	CONVENTIONAL HANGAR	281.4'
29	CONVENTIONAL HANGAR	281.3'
30	CONVENTIONAL HANGAR	281.4'
31	FUEL FARM (FBO)	255.1'
32	CONVENTIONAL HANGAR	281.4'
		20001.000

EXECUTIVE HANGAR 281.4'

	SUR	RVEY MC	NUMENTS	
DESIGNATION	PAC/SAC	PERMANENT IDENTIFIER	LATITUDE	LONGITUDE
11R A	PAC	AB2828	30° 13' 34.63014" N	96° 22' 29.97258" W
BRENPORT AZ MK	SAC	BM1073	30° 12' 43.68839" N	96° 22' 22.05148" W
BRENPORT	SAC	BM1070	30° 13' 02.98381" N	96° 22' 25.00810" W

#	Facility Name	Top Elevation ft. msl*	#	Facility Name	Top Elevation ft msl*
40	CONVENTIONAL HANGAR	±282.0'	58	EXECUTIVE HANGAR	±272.0'
41	EXECUTIVE HANGAR	±307.0'	59	EXECUTIVE HANGAR	±272.0'
42	EXECUTIVE HANGAR	±307.0'	60	EXECUTIVE HANGAR	±277.0'
43	EXECUTIVE HANGAR	±307.0'	61	EXECUTIVE HANGAR	±282.0'
44	EXECUTIVE HANGAR	±307.0'	62	EXECUTIVE HANGAR	±267.0'
45	EXECUTIVE HANGAR	±307.0'	63	EXECUTIVE HANGAR	±262.0'
46	EXECUTIVE HANGAR	±307.0'	64	EXECUTIVE HANGAR	±272.0'
47	EXECUTIVE HANGAR	±307.0'	65	EXECUTIVE HANGAR	±272.0'
48	EXECUTIVE HANGAR	±307.0'	66	T-HANGAR	±260.0'
49	EXECUTIVE HANGAR	±307.0'	67	T-HANGAR	±260.0'
50	T-HANGAR	±290.0'	68	TERMINAL EXPANSION	±275.0'
51	T-HANGAR	±290.0'	69	CONVENTIONAL HANGAR	±271.0'
52	EXECUTIVE HANGAR	±292.0'	70	CONVENTIONAL HANGAR	±271.0'
53	EXECUTIVE HANGAR	±292.0'	71	EXECUTIVE HANGAR	±247.0'
54	EXECUTIVE HANGAR	±292.0'	72	EXECUTIVE HANGAR	±247.0'
55	EXECUTIVE HANGAR	±292.0'	73	EXECUTIVE HANGAR	±247.0'
56	T-HANGAR	±280.0'	74	EXECUTIVE HANGAR	±247.0'
57	EXECUTIVE HANGAR	±267.0'	75	EXECUTIVE HANGAR	±247.0'





(Source: NOAA, NCEI, January, 2023)	LAND ACQUISI PROPERTY.
0 400 800 SCALE IN FEET	COPYRIGHT 20 RESERVED. DocuSigned by: Dan Ha FASA MRE 215 A 54
vey was conducted for this project. Existing runway end coordinates of adip.faa.gov. CAD linework shown in this set was collected from evious ALP Set. Any additional existing features were manually ted from available ortho imagery. Intersection elevations include appropriate height adjustment. Derminal Area Drawings for close-in dimensional details.	PREPARED BY: 12920 Metcalf Aven Suite 200 Overland Park, KS. (816) 524-3500, Fa: Coffman Phoenix O 4835 E. Cactus Ros Suite 235 Scottsdale, Az. 852 (602) 993-6999, Fa:



12920 Metcalf Avenue

Overland Park, KS. 66213

Coffman Phoenix Office:

4835 E. Cactus Road

Scottsdale, Az. 85254

(602) 993-6999, Fax (7196)

Dan Ha FANA AFEE PEASA THON DIVISION

Magnetic Declination 02° 33' East ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS Annual Rate of Change THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL 00° 07' West FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT

GENERAL 1. No surve

are from the previous extracted 2. Road inte 3. See Tern



3/11/2024

AIRPORT SPONSOR CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR

SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO COPYRIGHT 2017 TXDOT AVIATION DIVISION, ALL RIGHTS FUNDING.

atwood C. kenjura 3/6/2024 ----9E56B9130A8B455.. SIGNATURE Atwood C. Kenjura Mayor TITLE, AIRPORT SPONSOR'S REPRESENTATIVE

AIRPORT LAYOUT PLAN DRAWING -**EXISTING/FUTURE** BRENHAM MUNICIPAL AIRPORT (11R) BRENHAM, TEXAS



SEPTEMBER 2023

SEPTEMBER 2023

EXECUTIVE HANGAR

CONVENTIONAL HANGAR

CONVENTIONAL HANGAR

CONVENTIONAL HANGAR

FUEL FARM (FBO)

CONVENTIONAL HANGAR

EXECUTIVE HANGAR

277.9'

281.4'

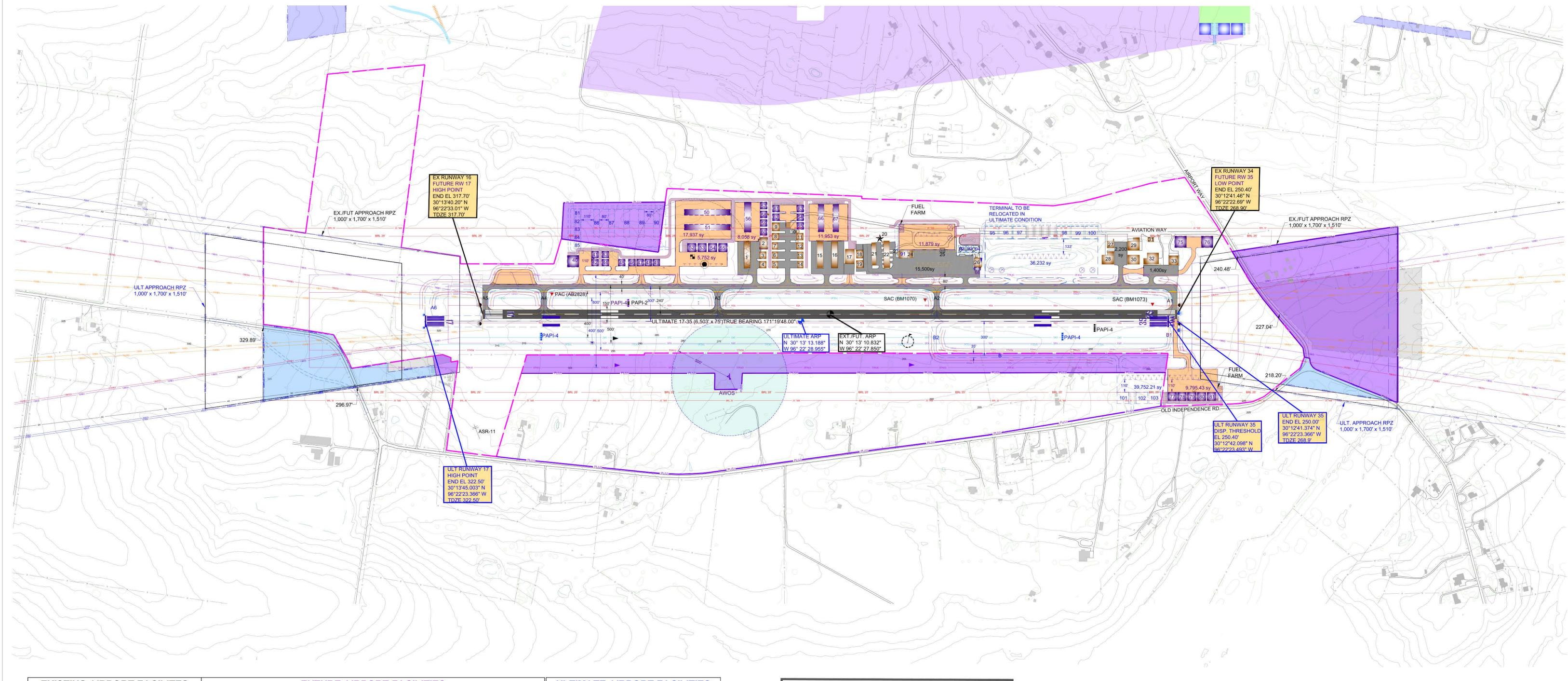
281.3'

281.4'

255.1'

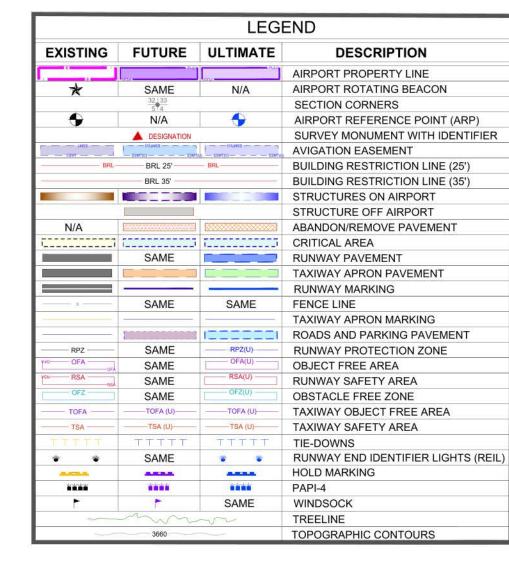
281.4'

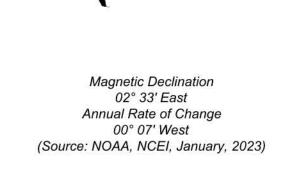
281.4'



	EXISTING AIRPORT FA	CILITES	0	FUT	TURE AIRPO	RT	FACILITIES		U	LTIMATE AIRPORT F	ACILITIES
#	Facility Name	Top Elevation ft. msl	#	Facility Name	Top Elevation ft. msl*	#	Facility Name	Top Elevation ft. msl*	#	Facility Name	Top Elevation ft. msl*
1	T-HANGAR (10 UNIT)	±283.3'	40	CONVENTIONAL HANGAR	±282.0'	58	EXECUTIVE HANGAR	±272.0'	81	EXECUTIVE HANGAR	±307.0'
2	EXECUTIVE HANGAR	±292.0'	41	EXECUTIVE HANGAR	±307.0'	59	EXECUTIVE HANGAR	±272.0'	82	EXECUTIVE HANGAR	±307.0'
3	EXECUTIVE HANGAR	±292.3'	42	EXECUTIVE HANGAR	±307.0'	60	EXECUTIVE HANGAR	±277.0'	83	EXECUTIVE HANGAR	±307.0'
4	EXECUTIVE HANGAR	±290.1'	43	EXECUTIVE HANGAR	±307.0'	61	EXECUTIVE HANGAR	±282.0'	84	EXECUTIVE HANGAR	±312.0'
5	EXECUTIVE HANGAR	292.8'	44	EXECUTIVE HANGAR	±307.0'	62	EXECUTIVE HANGAR	±267.0'	85	EXECUTIVE HANGAR	±312.0'
6	EXECUTIVE HANGAR	292.6'	45	EXECUTIVE HANGAR	±307.0'	63	EXECUTIVE HANGAR	±262.0'	86	T-HANGAR	±296.0'
7	EXECUTIVE HANGAR	292.8'	46	EXECUTIVE HANGAR	±307.0'	64	EXECUTIVE HANGAR	±272.0'	87	T-HANGAR	±291.0'
8	EXECUTIVE HANGAR	291.9'	47	EXECUTIVE HANGAR	±307.0'	65	EXECUTIVE HANGAR	±272.0'	88	T-HANGAR	±286.0'
9	EXECUTIVE HANGAR	±292.0'	48	EXECUTIVE HANGAR	±307.0'	66	T-HANGAR	±260.0'	89	T-HANGAR	±286.0'
10	BUILDING	270.0'	49	EXECUTIVE HANGAR	±307.0'	67	T-HANGAR	±260.0'	90	T-HANGAR	±286.0'
11	EXECUTIVE HANGAR	289.8'	50	T-HANGAR	±290.0'	68	TERMINAL EXPANSION	±275.0'	91	TERMINAL BUILDING	±278.0'
12	EXECUTIVE HANGAR	290.2'	51	T-HANGAR	±290.0'	69	CONVENTIONAL HANGAR	±271.0'	92	EXECUTIVE HANGAR	±247.0'
13	EXECUTIVE HANGAR	290.7'	52	EXECUTIVE HANGAR	±292.0'	70	CONVENTIONAL HANGAR	±271.0'	93	EXECUTIVE HANGAR	±247.0'
14	EXECUTIVE HANGAR	291.3'	53	EXECUTIVE HANGAR	±292.0'	71	EXECUTIVE HANGAR	±247.0'	94	EXECUTIVE HANGAR	±247.0'
15	T-HANGAR (10 UNIT)	283.3'	54	EXECUTIVE HANGAR	±292.0'	72	EXECUTIVE HANGAR	±247.0'	95	CONVENTIONAL HANGAR	±271.0'
16	T-HANGAR (10 UNIT)	±283.3'	55	EXECUTIVE HANGAR	±292.0'	73	EXECUTIVE HANGAR	±247.0'	96	CONVENTIONAL HANGAR	±271.0'
17	CONVENTIONAL HANGAR	±283.3'	56	T-HANGAR	±280.0'	74	EXECUTIVE HANGAR	±247.0'	97	CONVENTIONAL HANGAR	±271.0'
18	EXECUTIVE HANGAR	±283.3'	57	EXECUTIVE HANGAR	±267.0'	75	EXECUTIVE HANGAR	±247.0'	98	CONVENTIONAL HANGAR	±271.0'
19	EXECUTIVE HANGAR	±283.3'	*Top el	evation estimated based off common struct	ture height			*	99	CONVENTIONAL HANGAR	±271.0'
20	ROTATING BEACON	306.5'	1						100	CONVENTIONAL HANGAR	±271.0'
21	T-HANGAR (6 UNIT)	272.3'	1						101	CONVENTIONAL HANGAR	±271.0'
22	T-HANGAR (10 UNIT)	273.2']						102	CONVENTIONAL HANGAR	±271.0'
23	BUILDING	±283.3']						103	CONVENTIONAL HANGAR	±271.0'
24	AIRPORT MAINTENANCE HANGAR	280.1']						*Top el	evation estimated based off common struc	ture height
25	FUEL FARM	255.3']								
26	TERMINAL	277.6'	1								
$\overline{}$			•								

SURVEY MONUMENTS								
DESIGNATION	PAC/SAC	PERMANENT IDENTIFIER	LATITUDE	LONGITUDE				
11R A	PAC	AB2828	30° 13' 34.63014" N	96° 22' 29.97258" W				
BRENPORT AZ MK	SAC	BM1073	30° 12' 43.68839" N	96° 22' 22.05148" W				
BRENPORT	SAC	BM1070	30° 13' 02.98381" N	96° 22' 25.00810" W				





SCALE IN FEET

GENERAL NOTES:

1. No survey was conducted for this project. Existing runway end coordinates are from adip.faa.gov. CAD linework shown in this set was collected from the previous ALP Set. Any additional existing features were manually extracted from available ortho imagery. 2. Road intersection elevations include appropriate height adjustment. 3. See Terminal Area Drawings for close-in dimensional details.

10.	REVISIONS	BY	CHK'D	DATE



THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT COPYRIGHT 2017 TXDOT AVIATION DIVISION, ALL RIGHTS

RESERVED. --- DocuSigned by: 3/6/2024 Dan Harmon, DIRECTOR, AVIATION DIVISION DATE

PREPARED BY: 12920 Metcalf Avenue Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office: 4835 E. Cactus Road Suite 235

Associates Airport Consultants Scottsdale, Az. 85254 (602) 993-6999, Fax (7196)

AIRPORT SPONSOR CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY

TXDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.

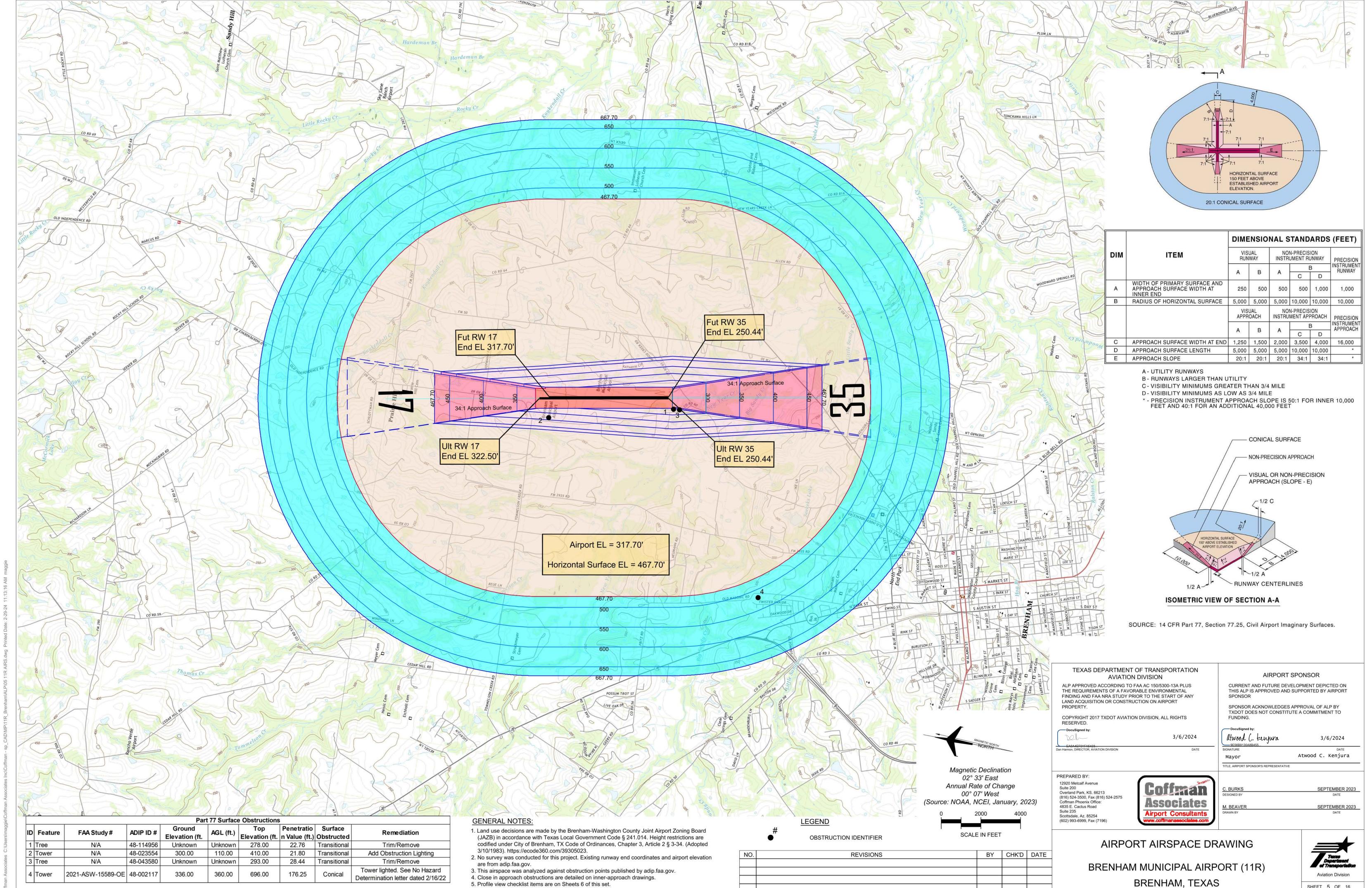
atwood C. kenjura 3/6/2024 SIGNATURE Atwood C. Kenjura Mayor TITLE, AIRPORT SPONSOR'S REPRESENTATIVE

SEPTEMBER 2023 M. BEAVER SEPTEMBER 2023

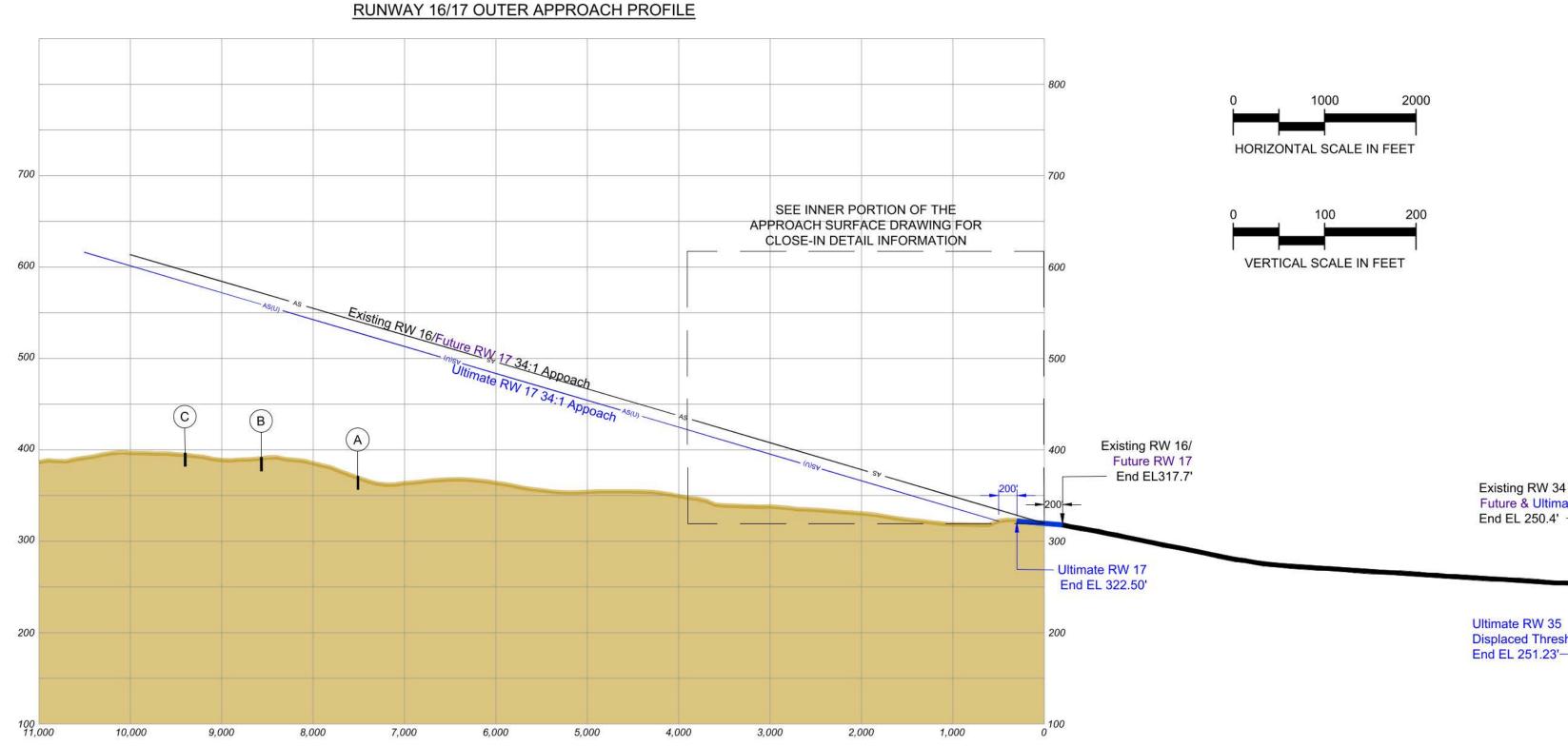
AIRPORT LAYOUT PLAN DRAWING -ULTIMATE BRENHAM MUNICIPAL AIRPORT (11R)

BRENHAM, TEXAS





SHEET 5 OF 16



	700												
	600	APP	SEE INNE ROACH SI	JRFACE D	RAWING F	OR							
	500	<u>C</u>	LOSE-IN D	ETAIL INF	DRMATION	<u> </u>					24		
	400						a sieting F	W 34/Future & U	timate RW 35	34:1 Appoach			
isting RW 34 Iture & Ultimate RW Id EL 250.4'	35			AS			EXIS.		A	В	C		
nate RW 35	200												
	100 0		000	2,000	2.0	000	4,000	5,000	6,000	7,000	8,000	9,000	10,000

	Existing	16/Future17 Oute	r-Approach	Road Points	
ID	Feature	Ground Elevation (ft.	Adjustmen t (ft.)	Top Elevation (ft.	Clearanc e (ft.)
Α	Prairie Hill Rd	342.67	15.00	357.67	182.81
В	Schlottman Rd	379.08	15.00	394.08	177.16
С	County Rte. 63	372.89	15.00	387.89	207.10

	U	Itimate 17 Outer-	Approach Roa	d Points	
ID	Feature	Ground Elevation (ft.	Adjustment (ft.)	Top Elevation (ft. msl.)	Clearance (ft.)
Α	Prairie Hill Rd.	346.74	15.00	361.74	169.32
В	Schlottman Rd.	377.96	15.00	392.96	168.60
С	County Rte. 63	371.00	15.00	386.00	198.34

טו	Feature	Elevation	t (ft.)	Elevation (ft.	e (ft.)
Α	Hwy 105	206.09	15.00	221.09	200.71
В	Hwy 106	238.29	15.00	253.29	203.89
C	Hwy 107	240.23	15.00	255.23	242.04

Existing 34/Future 35 Outer-Approach Road Points

Ground Adjustmen Top Clearanc

	Ui	timate 35 Oute	er-Approach R	toad Points	
ID	Feature	Ground Elevation	Adjustment (ft.)	Top Elevation (ft. msl.)	Clearance (ft.)
Α	Hwy 105	206.76	15.00	221.76	201.46
В	Hwy 105	240.07	15.00	255.07	203.64
С	Hwy 105	240.76	15.00	255.76	243.07

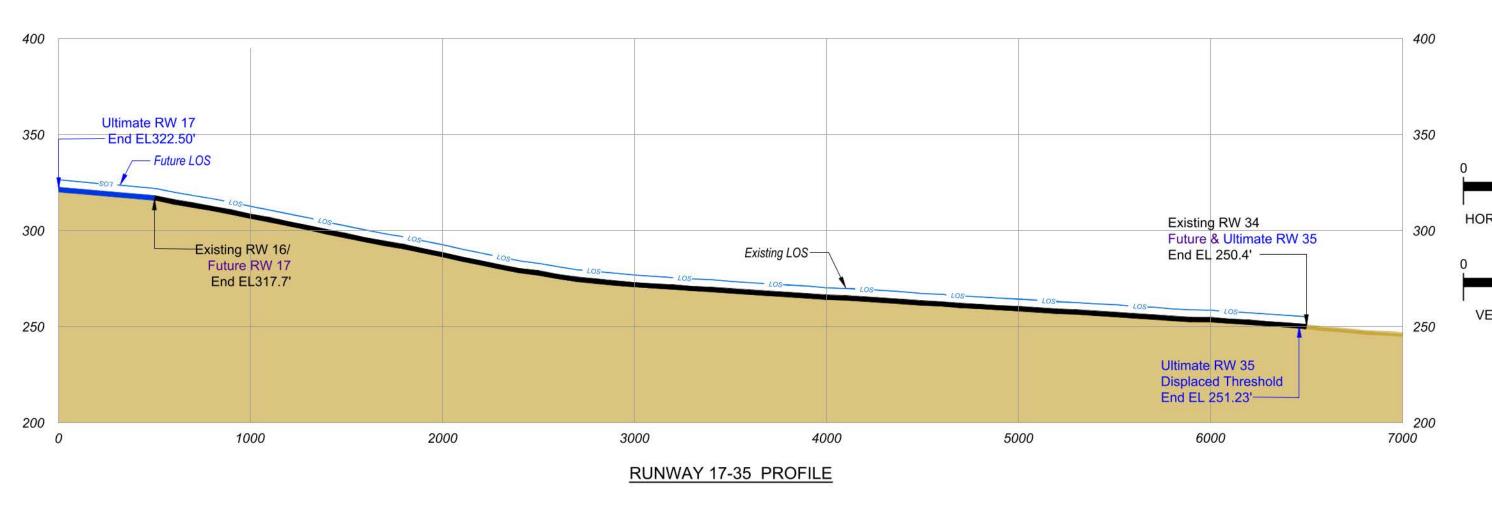
	174		Existing 1	6/Future 17 Oute	r-Approac	h Obstructions						
ID	Feature	FAA Study#	ADIP ID#	Ground Elevation (ft.	AGL (ft.)	Top Elevation (ft. msl.)	Penetration Value (ft.)	Remediation				
	No Obstructions											

	1997		Ultir	nate 17 Outer-Appr	oach Obsti	ructions	00	
ID	Feature	FAA Study#	ADIP ID#	Ground Elevation (ft. msl.)	AGL (ft.)	Top Elevation (ft. msl.)	Penetration Value (ft.)	Remediation
	- .	Study #).	No Obstruc	tions	(10.11131.)	value (it.)	

ID F	Feature	FAA Study#	ADIP ID#	Ground Elevation (ft.	AGL (ft.)	Top Elevation (ft. msl.)	Value (ft.)	Remediation
------	---------	------------	----------	--------------------------	-----------	--------------------------	-------------	-------------

	6072		Ultir	mate 35 Outer-Appr	oach Obst	ructions	× .			
ID	Feature	FAA Study#	ADIP ID#	Ground Elevation (ft. msl.)	AGL (ft.)	Top Elevation (ft. msl.)	Penetration Value (ft.)	Remediation		
	No Obstructions									

RESERVED. DocuSigned by:



HORIZONTAL SCALE IN FEET Road Callouts VERTICAL SCALE IN FEET GENERAL NOTES: No survey was conducted for this project. Existing runway end coordinates and airport elevation are from adip.faa.gov. 2. Road intersection ground elevations and ground profile taken from USGS 1/3 Arc Second data.

PREPARED BY: 12920 Metcalf Avenue Suite 200 Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575 **Associates** Coffman Phoenix Office: 4835 E. Cactus Road Suite 235 **Airport Consultants** Scottsdale, Az. 85254 (602) 993-6999, Fax (7196)

TEXAS DEPARTMENT OF TRANSPORTATION

AVIATION DIVISION

ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT

COPYRIGHT 2017 TXDOT AVIATION DIVISION, ALL RIGHTS FUNDING. atwood C. Kenjura 3/6/2024 3/6/2024 Atwood C. Kenjura Mayor TITLE, AIRPORT SPONSOR'S REPRESENTATIVE SEPTEMBER 2023

SPONSOR

AIRPORT SPONSOR

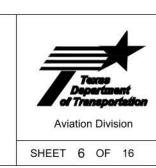
CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT

SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY

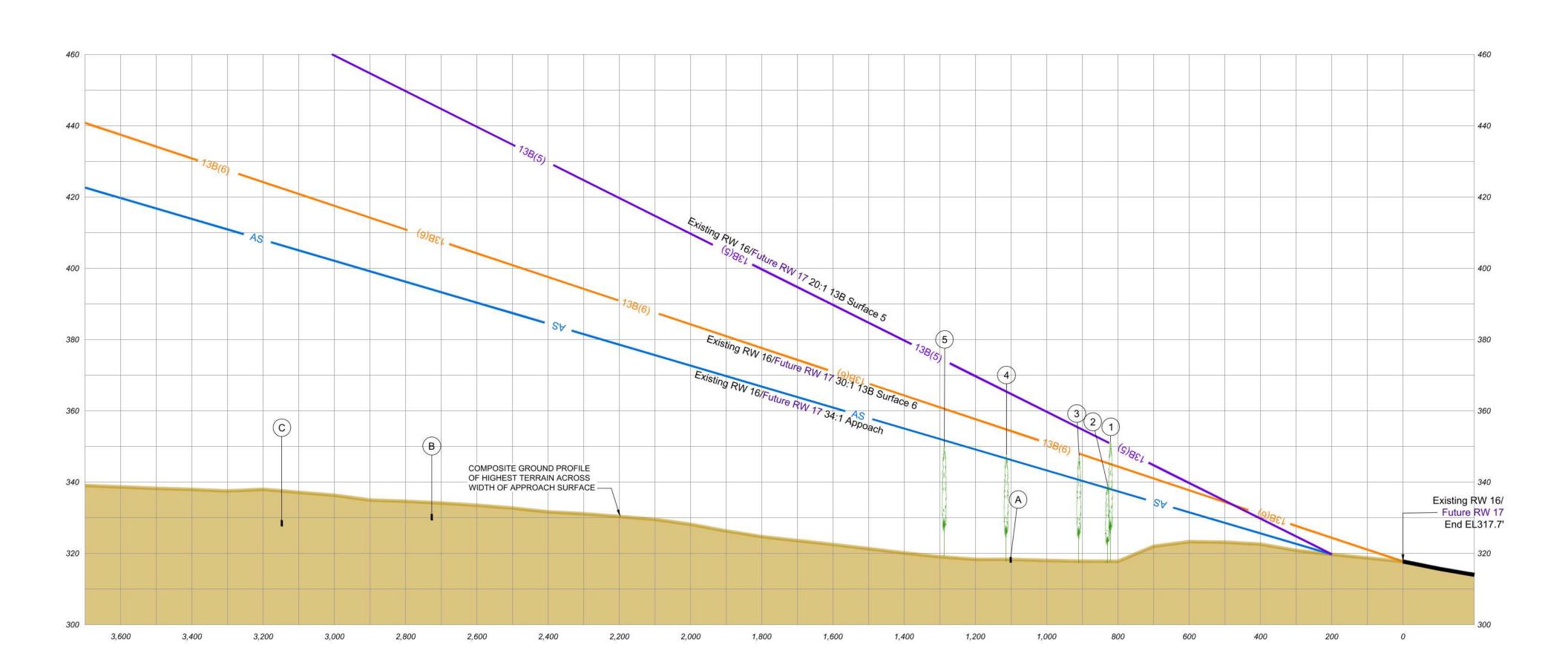
TXDOT DOES NOT CONSTITUTE A COMMITMENT TO

AIRPORT AIRSPACE APPROACH PROFILE RUNWAY 16-34/17-35 BRENHAM MUNICIPAL AIRPORT (11R)

BRENHAM, TEXAS



SEPTEMBER 2023



			E	xisting16/Future 17	Inner-Ap	proach Obstruc	tions			
		FAA		Ground Elevation (ft. msl.)		Top Elevation	Penetration	Value (ft.)		
ID	Feature	Study#	ADIP ID #		AGL (ft.) (ft. msl.)		" AGL (ft.)	THE RESIDENCE AND ADMINISTRAL PROPERTY.	Existing 16	Future 17
		Study #		(11. 11131.)		(It. IIISI.)	Approach	Approach		
1	Tree	N/A	48-043468	Unknown	Unknown	351.00	15.21	15.21	Trim/Remove	
2	Tree	N/A	48-042946	302.00	36.00	338.00	2.46	2.46	Trim/Remove	
3	Tree	N/A	48-043574	Unknown	Unknown	348.00	9.75	9.75	Trim/Remove	
4	Tree	N/A	48-043575	Unknown	Unknown	348.00	3.84	3.84	Trim/Remove	
5	Tree	N/A	48-043576	Unknown	Unknown	350.00	0.86	0.86	Trim/Remove	

	Existing 16/Future 17 Inner-Approach Road Points									
ID	Feature	Ground Elevation (ft. msl.)	Adjustment (ft.)	Top Elevation (ft. msl.)	Clearance (ft.)					
Α	Old Independence	296.97	15.00	311.97	31.80					
В	Old Independence	333.61	15.00	348.61	43.32					
С	Hopmann	329.13	15.00	344.13	60.23					

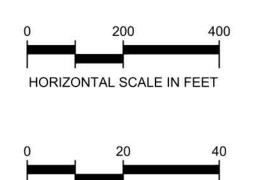


SIGNIFICANT OBJECTS

PROFILE VIEW



Magnetic Declination 02° 33' East Annual Rate of Change 00° 07' West (Source: NOAA, NCEI, January, 2023)



VERTICAL SCALE IN FEET

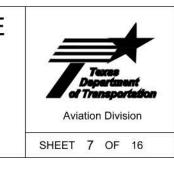
GENERAL NOTES:

- No survey was conducted for this project. Existing runway end coordinates and airport elevation are from adip.faa.gov.
 This airspace was analyzed against obstruction points published by
- adip.faa.gov.
 Ground contours, Road intersection ground elevations, and ground profile taken from USGS 1/3 Arc Second data.
 Imagery source: 2023 Microsoft Corporation, 2023 Maxar, CNES (2023), Distribution Airbus DS

	T OF TRANSPORTATION ON DIVISION	AIRPORT S	SPONSOR
ALP APPROVED ACCORDING TO THE REQUIREMENTS OF A FAVING AND FAA NRA STUDY FLAND ACQUISITION OR CONSTEPROPERTY. COPYRIGHT 2017 TXDOT AVIAT RESERVED.	ORABLE ENVIRONMENTAL PRIOR TO THE START OF ANY RUCTION ON AIRPORT	CURRENT AND FUTURE DEVE THIS ALP IS APPROVED AND S SPONSOR SPONSOR ACKNOWLEDGES A TXDOT DOES NOT CONSTITU FUNDING.	SUPPORTED BY AIRPORT APPROVAL OF ALP BY
DocuSigned by:	3/6/2024	Docusigned by: Atwood C. Leywa 955689130A88455	3/6/2024
Dan Harmon, DIRECTOR, AVIATION DIVISION	DATE	signature Mayor	DATE Atwood C. Kenju
PREPARED BY:		TITLE, AIRPORT SPONSOR'S REPRESENTATIVE	
12920 Metcalf Avenue Suite 200 Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575	Coffman	C. BURKS DESIGNED BY	SEPTEMBER 202 DATE
Coffman Phoenix Office: 4835 E. Cactus Road	Associates	M. BEAVER	SEPTEMBER 202
Suite 235 Scottsdale, Az. 85254 (602) 993-6999, Fax (7196)	Airport Consultants www.coffmanassociates.com	DRAWN BY	DATE

INNER PORTION OF THE APPROACH SURFACE DRAWING EXISTING RW16/FUTURE RW 17 BRENHAM MUNICIPAL AIRPORT (11R)

BRENHAM, TEXAS

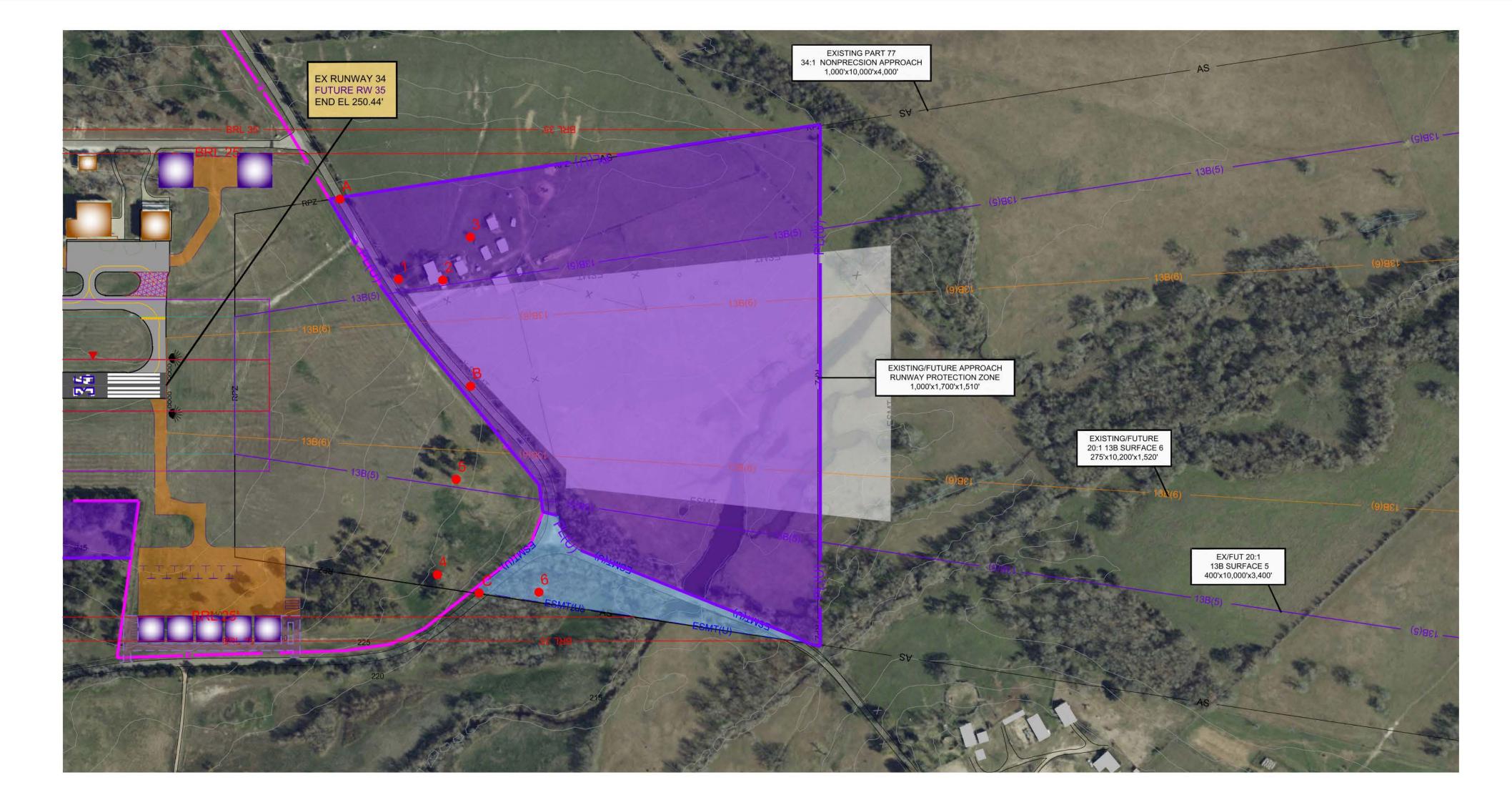


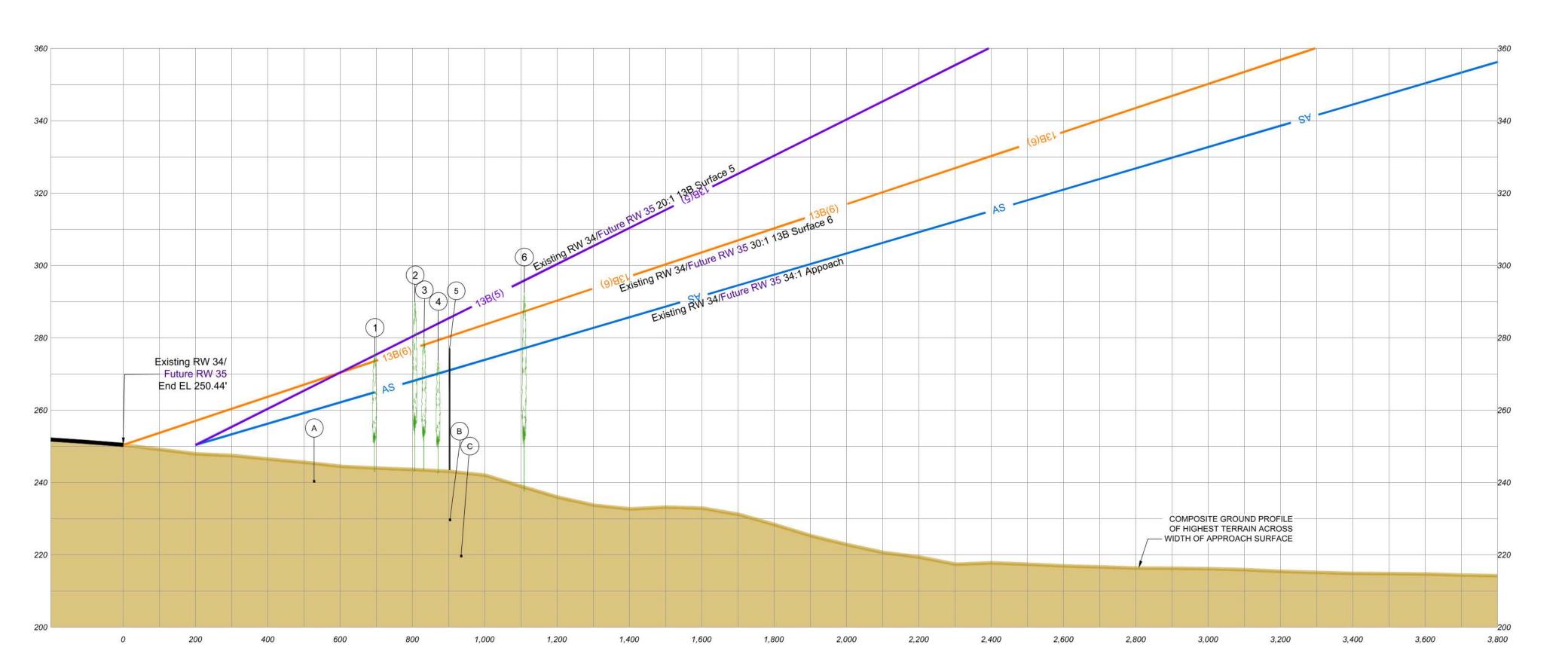
Atwood C. Kenjura

SEPTEMBER 2023
DATE

SEPTEMBER 2023
DATE

NO.	REVISIONS	B,	CHK'D	DATE
				1





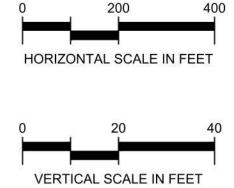
			Exist	ing 34/Future	35 Inner-A	pproach O	bstructions	
		FAA		Ground		Тор	Penetration Value	
ID	Feature	Study#	ADIP ID#	Elevation	AGL (ft.)	Elevation	Existing 34/Future 35	Remediation
		Study #		(ft. msl.)		(ft. msl.)	Approach	
1	Tree	N/A	48-043206	242.00	28.00	270.00	5.52	Trim/Remove
2	Tree	N/A	48-043207	224.00	66.00	290.00	22.15	Trim/Remove
3	Tree	N/A	48-043591	Unknown	Unknown	280.00	11.86	Trim/Remove
4	Tree	N/A	48-114955	226.00	46.00	272.00	2.54	Trim/Remove
5	Pole	N/A	48-027081	241.00	35.00	276.00	5.33	Lower/Relocate
6	Tree	N/A	48-043666	Unknown	Unknown	292.00	15.45	Trim/Remove

ID	Feature	Ground Elevation (ft.		Top Elevation (ft. msl.)	Clearance (ft.)
Α	Airport Rd.	240.48	15.00	255.48	3.89
В	Airport Rd.	227.04	15.00	242.04	28.54
С	Old Independence	218.20	15.00	233.20	38.35





Magnetic Declination 02° 33' East Annual Rate of Change 00° 07' West (Source: NOAA, NCEI, January, 2023)



GENERAL NOTES:

- 1. No survey was conducted for this project. Existing runway end coordinates and
- airport elevation are from adip.faa.gov.

 2. This airspace was analyzed against obstruction points published by

- adip.faa.gov.
 Ground contours, Road intersection ground elevations, and ground profile taken from USGS 1/3 Arc Second data.
 Imagery source: 2023 Microsoft Corporation, 2023 Maxar, CNES (2023), Distribution Airbus DS

TEXAS DEPARTMENT OF TRANSPORTATION **AVIATION DIVISION**

ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT

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PREPARED BY: 12920 Metcalf Avenue Suite 200

Suite 235

4835 E. Cactus Road

Scottsdale, Az. 85254 (602) 993-6999, Fax (7196)

Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office:

DocuSigned by: 3/6/2024 Dan Harmon, DIRECTOR, AVIATION DIVISION

	Mayor
	TITLE, AIRPORT S
in	C. BURKS
	DESIGNED BY

TXDOT DOES NOT CONSTITUTE A FUNDING.	A COMMITMENT TO
DocuSigned by:	
 Atwood C. Lenjura	3/6/2024

Atwood C. Kenjura

AIRPORT SPONSOR

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT

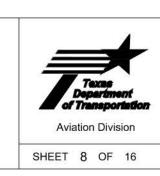
SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY

Associates Airport Consultants

SPONSOR

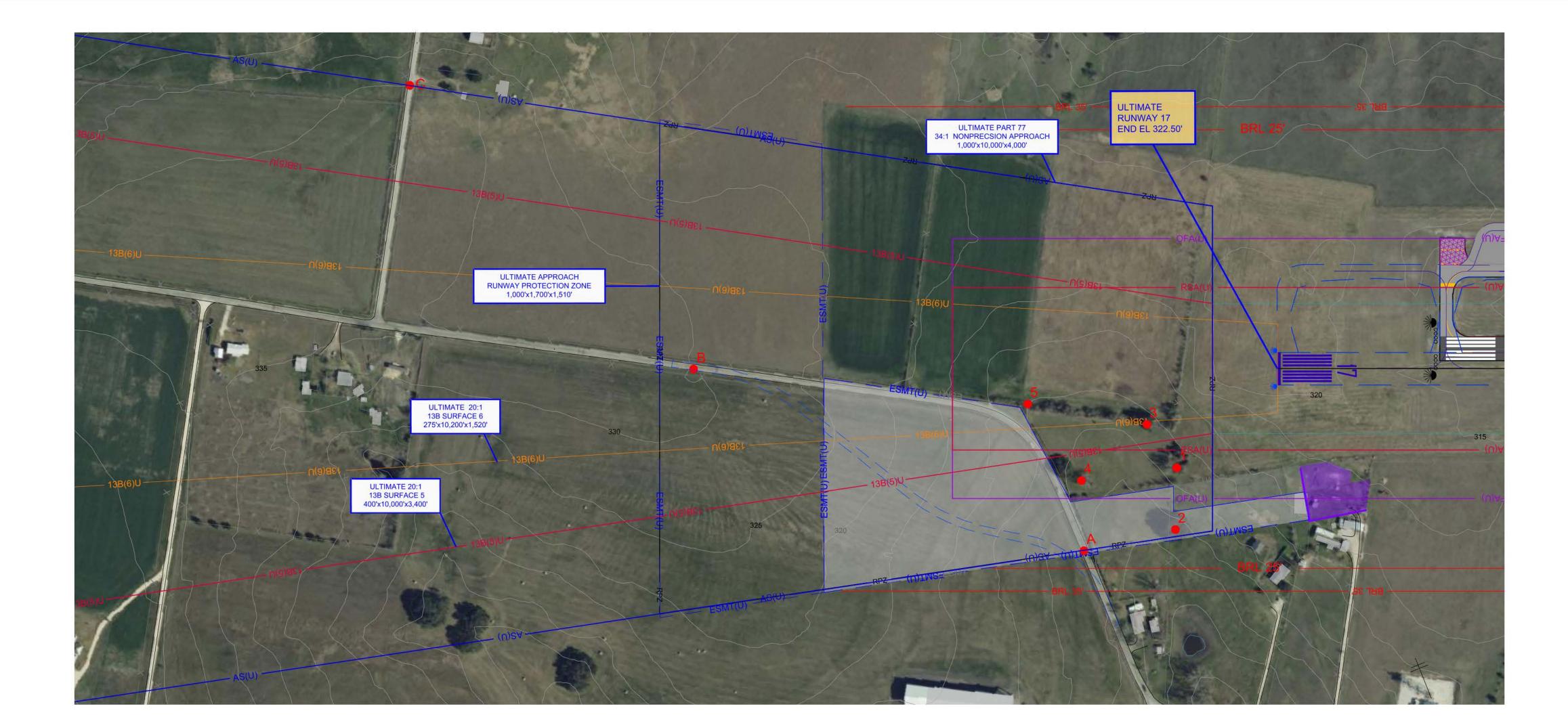
INNER PORTION OF THE APPROACH SURFACE DRAWING EXISTING RW 34/FUTURE RW 35 BRENHAM MUNICIPAL AIRPORT (11R)

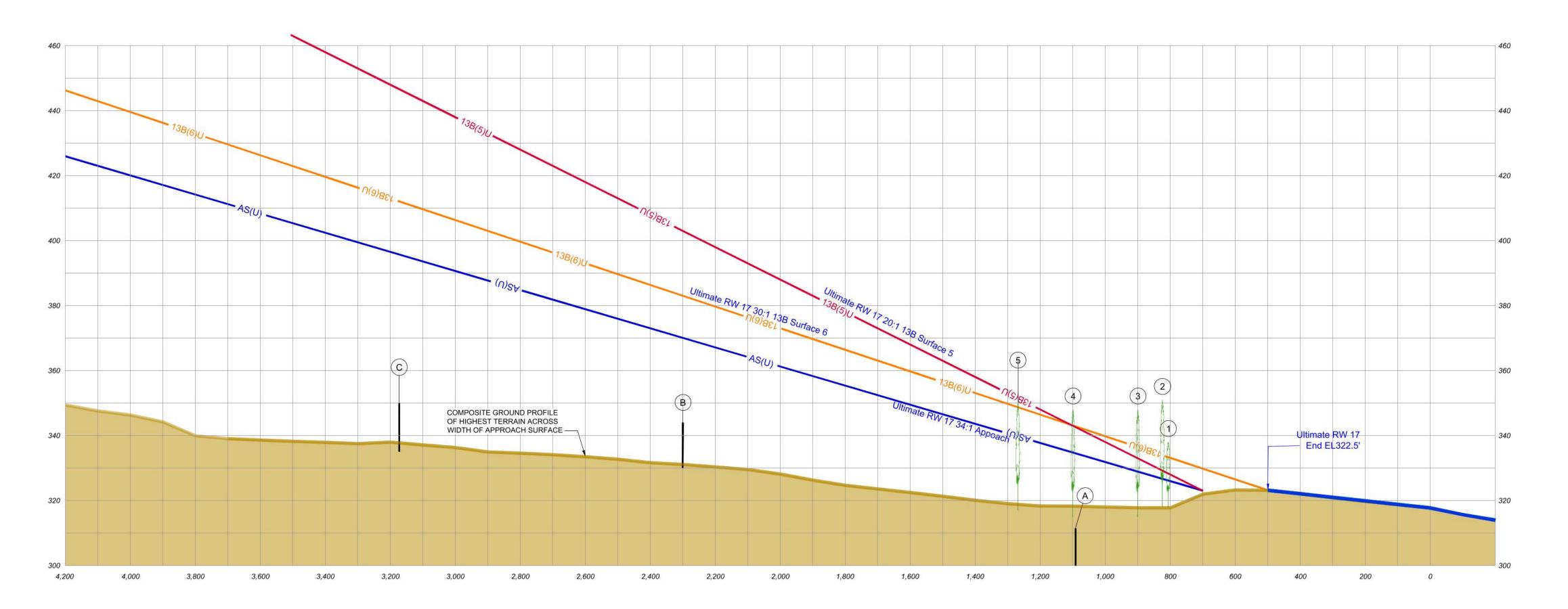
BRENHAM, TEXAS



SEPTEMBER 2023

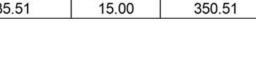
SEPTEMBER 2023

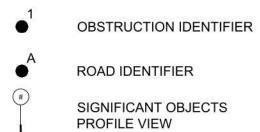




		FAA		Ground		Тор	Penetr	ation Valu	e (ft.)	
ID Feature	Study#	ADIP ID#	Elevation	AGL (ft.)	Elevation	Ultimate	Ultimate	Ultimate	Remediation	
		Study #		(ft. msl.)		(ft. msl.)	17	17 13B	17 13B	
1	Tree	N/A	48-042946	302	36	338	12.36	N/A	N/A	Trim/Remove
2	Tree	N/A	48-043468	Unknown	Unknown	351	25.12	N/A	N/A	Trim/Remove
3	Tree	N/A	48-043574	Unknown	Unknown	348	19.66	15.57	N/A	Trim/Remove
4	Tree	N/A	48-043575	Unknown	Unknown	348	13.74	N/A	N/A	Trim/Remove
5	Tree	N/A	48-043576	Unknown	Unknown	350	10.76	N/A	1.86	Trim/Remove

	UI	timate 17 Inner-	Approach Roa	d Points		
ID	Feature	Ground Elevation (ft.	Adjustment (ft.)	Top Elevation (ft. msl.)	Clearance (ft.)	
Α	Old Independence	296.97	15.00	311.97	22.06	
В	Old Independence	329.89	15.00	344.89	24.46	
С	Hopmann	335.51	15.00	350.51	44.52	

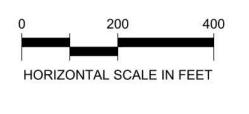


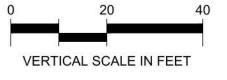


LEGEND



Magnetic Declination 02° 33' East Annual Rate of Change 00° 07' West (Source: NOAA, NCEI, January, 2023)





GENERAL NOTES:

- 1. No survey was conducted for this project. Existing runway end coordinates and
- airport elevation are from adip.faa.gov.

 2. This airspace was analyzed against obstruction points published by
- adip.faa.gov.

 3. Ground contours, Road intersection ground elevations, and ground profile
- taken from USGS 1/3 Arc Second data.
 4. Imagery source: 2023 Microsoft Corporation, 2023 Maxar, CNES (2023), Distribution Airbus DS

TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT

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DocuSigned by: 3/6/2024

PREPARED BY: 12920 Metcalf Avenue Suite 200 Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office: 4835 E. Cactus Road Suite 235 Scottsdale, Az. 85254

(602) 993-6999, Fax (7196)

Associates

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.

AIRPORT SPONSOR

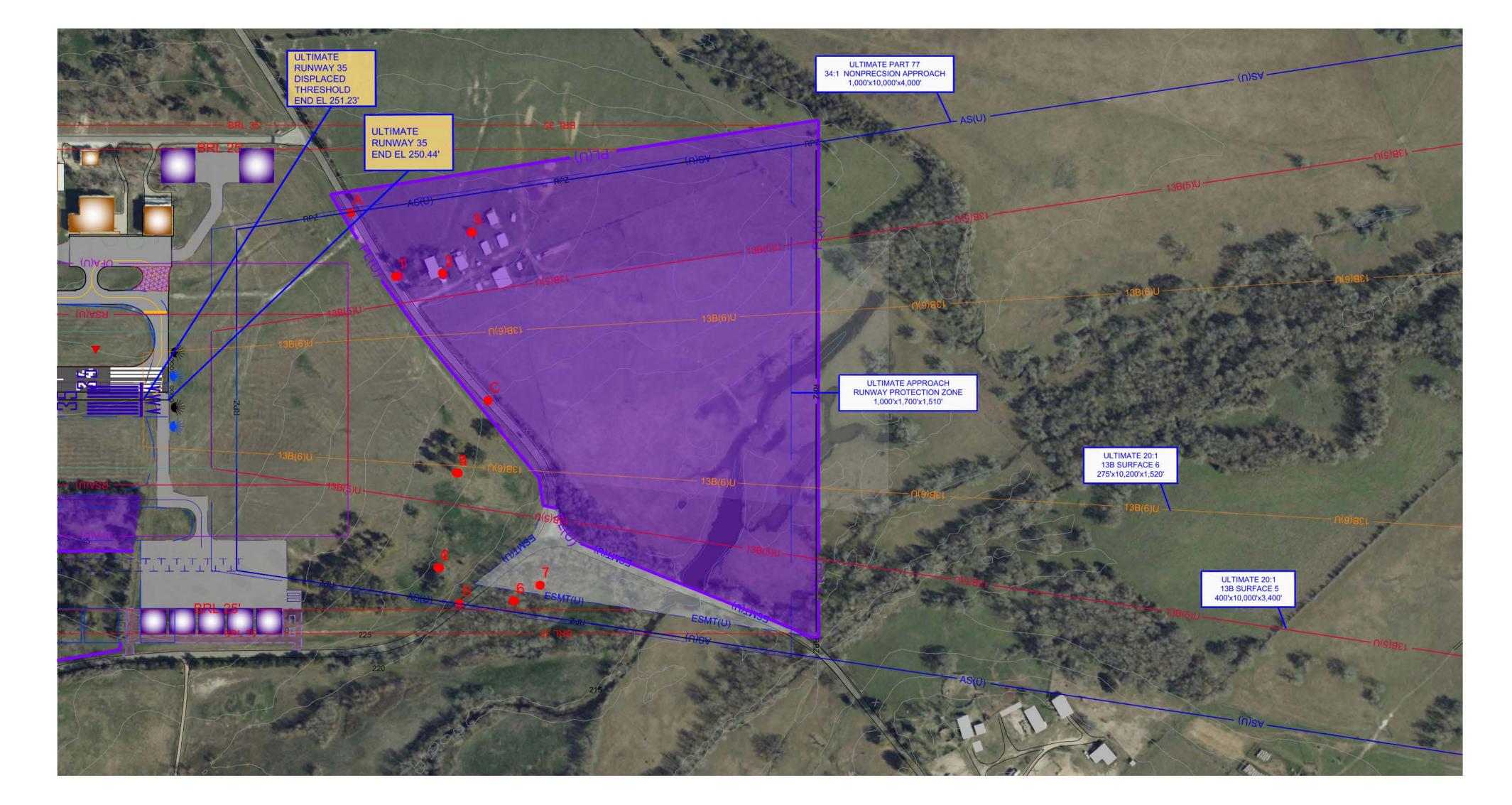
Atwood C. Kenjura 3/6/2024 Atwood C. Kenjura Mayor TITLE, AIRPORT SPONSOR'S REPRESENTATIVE

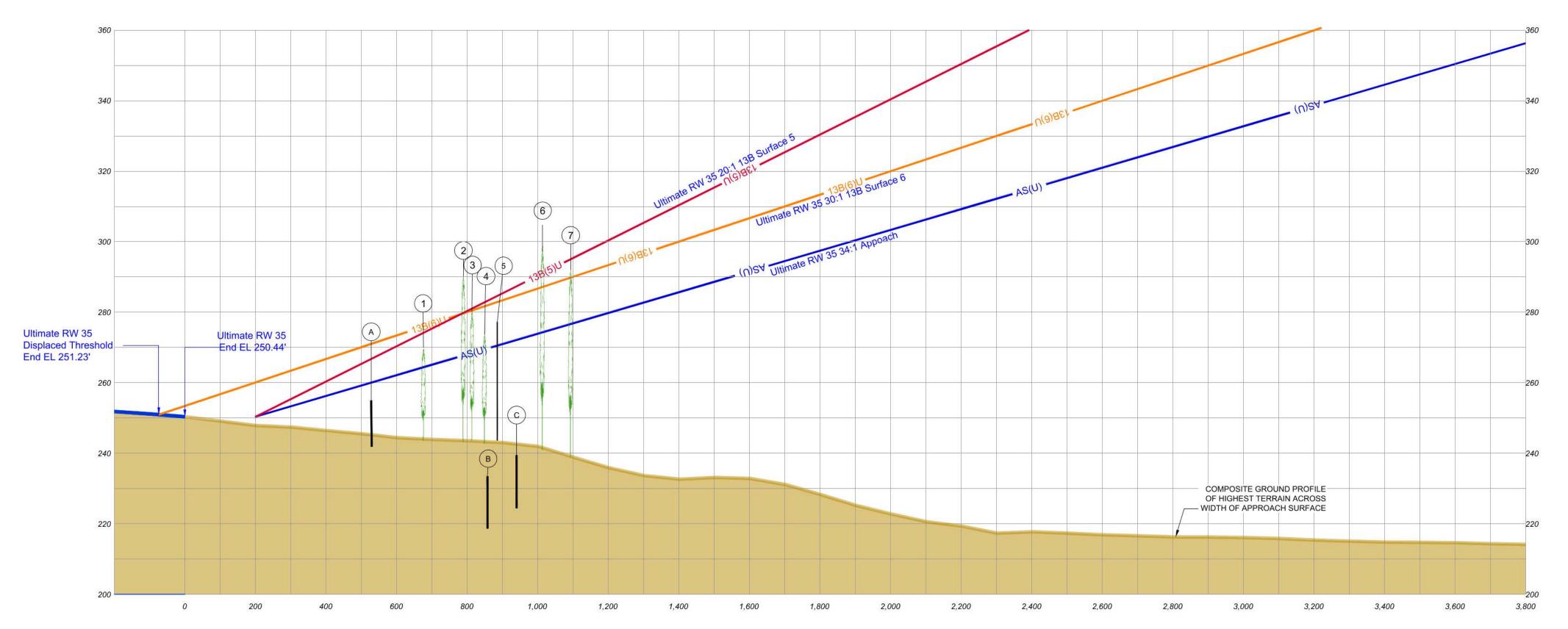
SEPTEMBER 2023 SEPTEMBER 2023

INNER PORTION OF THE APPROACH SURFACE DRAWING ULTIMATE RUNWAY 17 BRENHAM MUNICIPAL AIRPORT (11R)

BRENHAM, TEXAS





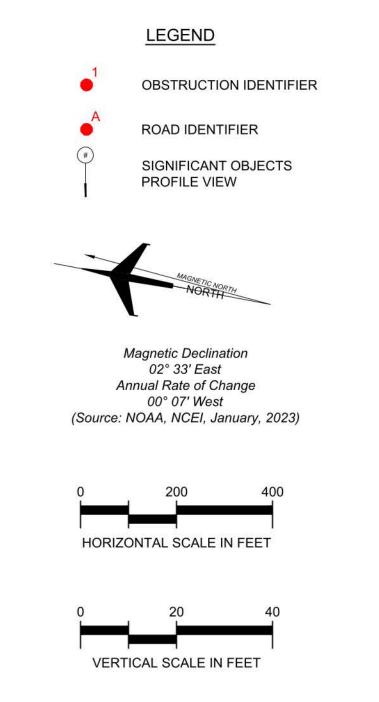


	ree	N/A	48-043206	242.00	28.00	270.00	5.52	Trim/Remove
2 T	ree	N/A	48-043207	224.00	66.00	290.00	22.15	Trim/Remove
3 T	ree	N/A	48-043591	Unknown	Unknown	280.00	11.86	Trim/Remove
4 T	ree	N/A	48-114955	226.00	46.00	272.00	2.54	Trim/Remove
5 P	Pole	N/A	48-027081	241.00	35.00	276.00	5.33	Lower/Relocate
6 T	ree	N/A	48-043665	Unknown	Unknown	299.00	24.67	Trim/Remove
7 T	ree	N/A	48-043666	Unknown	Unknown	292.00	15.45	Trim/Remove

Ultimate 35 Inner-Approach Obstructions

ADIP ID # Elevation AGL (ft.) Elevation Ultimate 35 Remediation

	Ultimate 35 Inner-Approach Road Points									
ID	Feature	Ground Elevation	Adjustment (ft.)	Top Elevation (ft. msl.)	Clearance (ft.)					
Α	Airport Rd.	241.79	15.00	256.79	3.56					
В	Independence Rd.	219.04	15.00	234.04	35.65					
С	Airport Rd.	224.48	15.00	239.48	32.69					



GENERAL NOTES:

- 1. No survey was conducted for this project. Existing runway end coordinates and
- airport elevation are from adip.faa.gov.

 2. This airspace was analyzed against obstruction points published by
- adip.faa.gov.

 3. Ground contours, Road intersection ground elevations, and ground profile
- taken from USGS 1/3 Arc Second data.

 4. Imagery source: 2023 Microsoft Corporation, 2023 Maxar, CNES (2023), Distribution Airbus DS

TEXAS DEPARTMENT OF TRANSPORTATION **AVIATION DIVISION**

ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT

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PREPARED BY: 12920 Metcalf Avenue Suite 200

Suite 235 Scottsdale, Az. 85254 (602) 993-6999, Fax (7196)

4835 E. Cactus Road

Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office:

DocuSigned by: 3/6/2024 Dan Harmon, DIRECTOR, AVIATION DIVISION

Mayor TITLE, AIRPORT SPONSOR'S REPRESENTATIVE

	3.
Market 1	
Ollman	<u>C</u>
ssociates	<u>v</u>

SEPTEMBER 2023 SEPTEMBER 2023

Atwood C. Kenjura

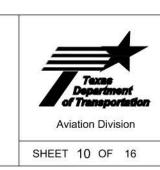
SPONSOR

AIRPORT SPONSOR

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT

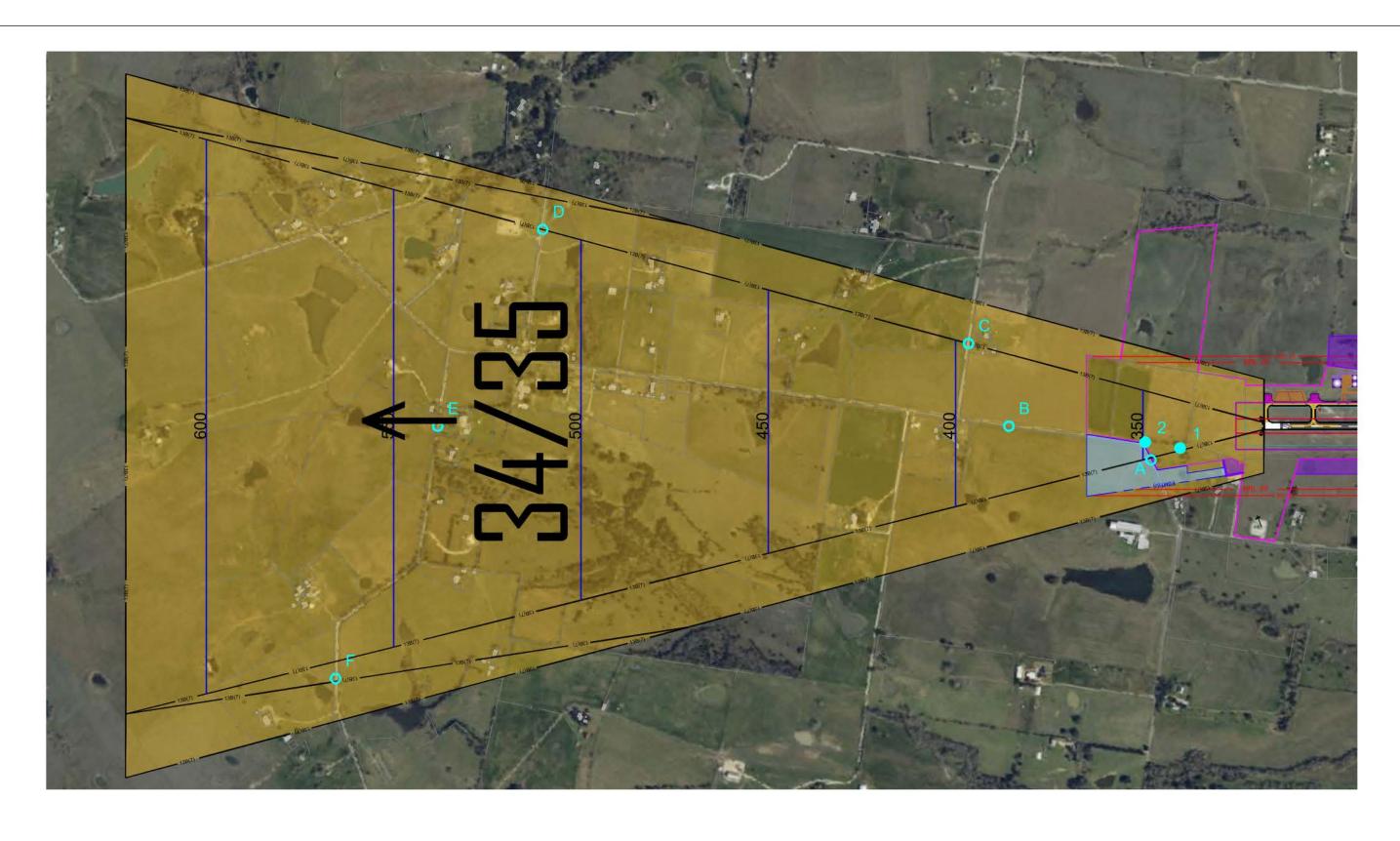
SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO

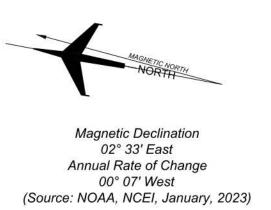
INNER PORTION OF THE APPROACH SURFACE DRAWING ULTIMATE RUNWAY 35 BRENHAM MUNICIPAL AIRPORT (11R) BRENHAM, TEXAS

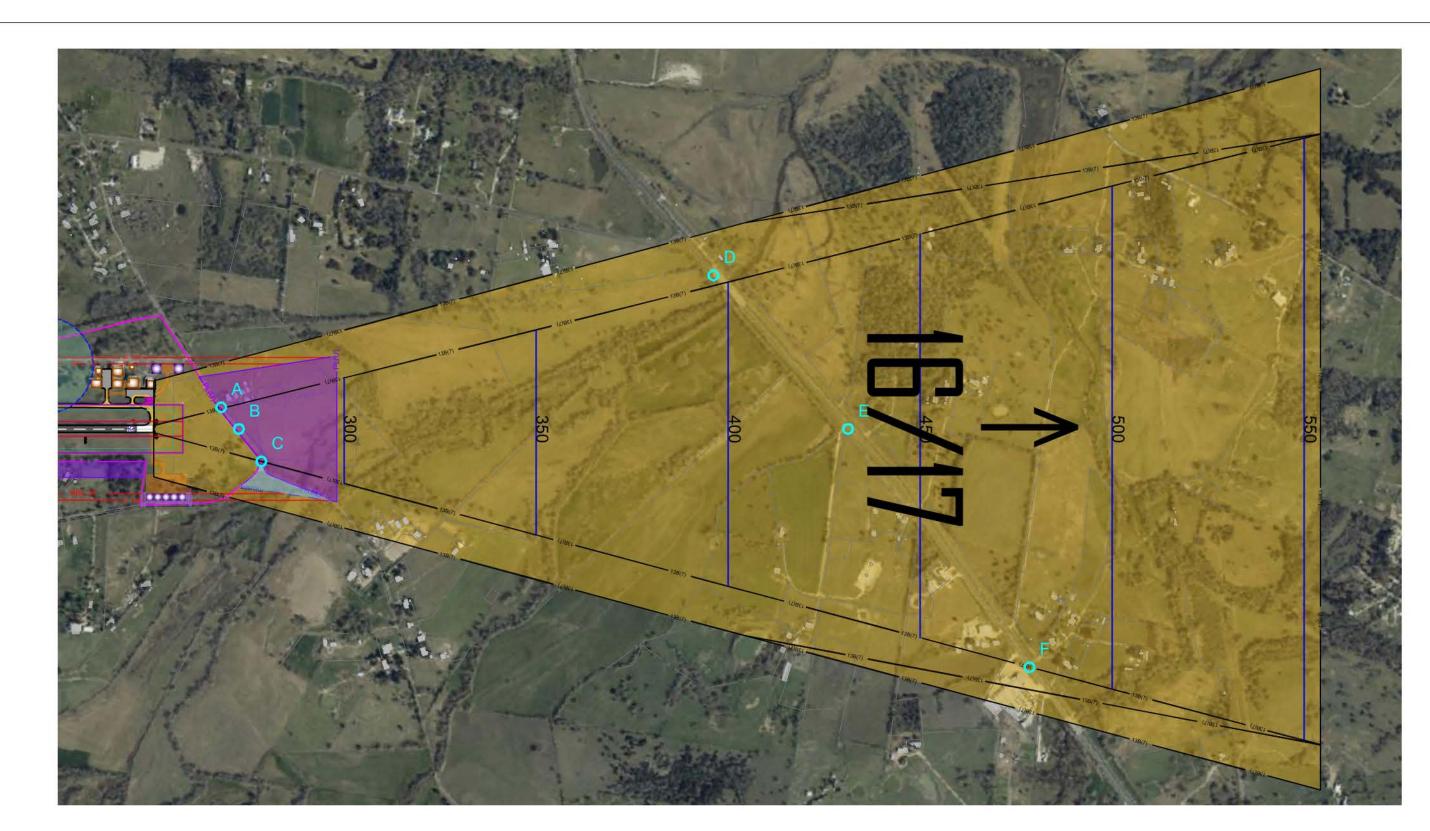


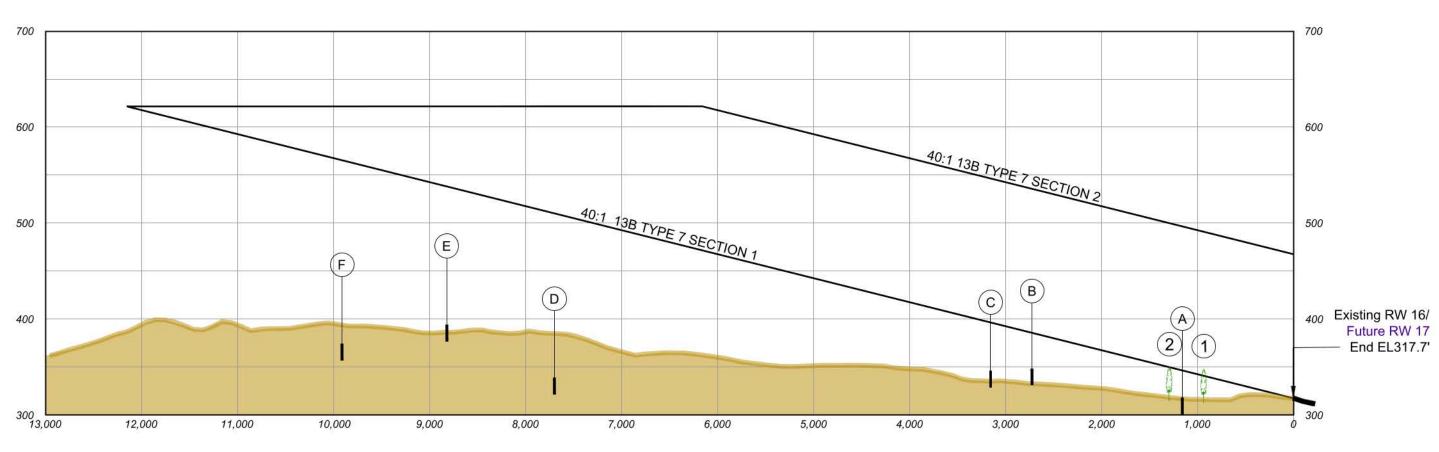
3/6/2024

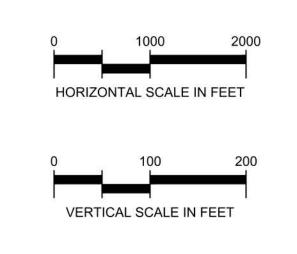
Atwood C. Kenjura

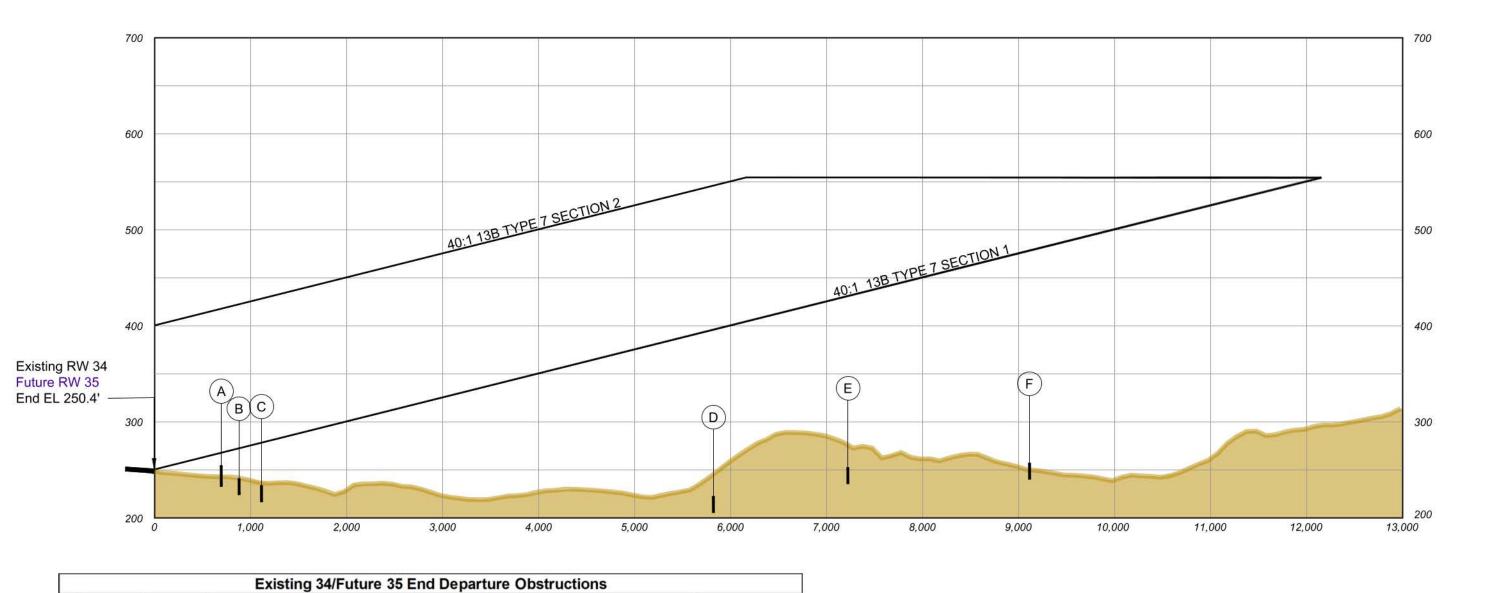












Remediation

Top Elevation Penetration

(ft. msl.)

No Obstructions

	Existing 16/Future 17 End Departure Obstructions							
ID	Feature	FAA Study#	ADIP ID#	Ground Elevation (ft. msl.)	AGL (ft.)	Top Elevation (ft. msl.)	Penetration Value (ft.)	Remediation
1	Tree	N/A	48-043574	Unknown	Unknown	348.00	7.83	Trim/Remove
2	Tree	N/A	48-043576	Unknown	Unknown	350.00	0.57	Trim/Remove

	Existing 16/Future 17 End Departure Road Points					
ID	Feature	Ground Elevation (ft. msl.)	150	Top Elevation (ft.	Clearance	
	0.11		(ft.)			
_	Old Independence		15.00	318.39	29.47	
В	Old Independence	333.61	15.00	348.61	37.18	
C	Hopmann	331.29	15.00	346.29	50.29	
D	Prairie Hill	324.05	15.00	339.05	171.56	
E	Schlottman	379.08	15.00	394.08	144.13	
F	Schlottman	359.50	15.00	374.50	191.00	

LEGEND

OBSTRUCTION IDENTIFIER

ROAD IDENTIFIER

—— 13B (7) —— EXISTING 13B SURFACE 7

EXISTING PROPERTY BOUNDARY

FUTURE PROPERTY BOUNDARY

	Existing 34/Future 35 End Departure Road Points						
ID	Feature	Ground Elevation	Adjustment	Тор	Clearance		
טו	reature	(ft. msl.)	(ft.)	Elevation (ft.	(ft.)		
Α	Airport Rd.	240.26	15.00	255.26	12.67		
В	Airport Rd.	227.04	15.00	242.04	30.52		
С	Airport Rd.	219.03	15.00	234.03	44.37		
D	Hwy 105	208.00	15.00	223.00	173.11		
Ε	Hwy 105	238.29	15.00	253.29	177.88		
F	Hwy 105	242.81	15.00	257.81	220.61		

ID Feature Study# ADIP ID # Ground Elevation (ft. msl.) AGL (ft.)

TEXAS DEPARTMENT OF TRANS AVIATION DIVISION	PORTATION
ALP APPROVED ACCORDING TO FAA AC 150/53 THE REQUIREMENTS OF A FAVORABLE ENVIRON FINDING AND FAA NRA STUDY PRIOR TO THE SLAND ACQUISITION OR CONSTRUCTION ON AIR PROPERTY.	ONMENTAL START OF ANY
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DocuSigned by:	
EADA4EE01EAE423	3/6/2024
Dan Harmon, DIRECTOR, AVIATION DIVISION	DATE

PREPARED BY: 12920 Metcalf Avenue Suite 200

Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575

Coffman Phoenix Office: 4835 E. Cactus Road Suite 235 Scottsdale, Az. 85254 (602) 993-6999, Fax (7196)

CURRENT AND FUTURE DEVE THIS ALP IS APPROVED AND S SPONSOR	
SPONSOR ACKNOWLEDGES ATXDOT DOES NOT CONSTITUTION.	
Occusigned by: Atwood C. teryura	2 /6 /2024
9E56B9130A8B455	3/6/2024
SIGNATURE	DATE
Mayor	Atwood C. Kenjura
TITLE, AIRPORT SPONSOR'S REPRESENTATIVE	0
C. BURKS	SEPTEMBER 2023
DESIGNED BY	DATE

AIRPORT SPONSOR

GEN	ERAL	NOT	ES:	

- 1. No survey was conducted for this project. Existing runway end coordinates and
- airport elevation are from adip.faa.gov.

 2. This airspace was analyzed against obstruction points published by
- adip.faa.gov. Ground contours, Road intersection ground elevations, and ground profile taken from USGS 1/3 Arc Second data.
- Imagery source: 2023 Microsoft Corporation, 2023 Maxar, CNES (2023), Distribution Airbus DS

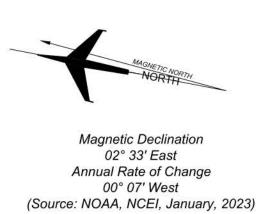
NO.	REVISIONS		BY	CHK'D	DATE
		3			

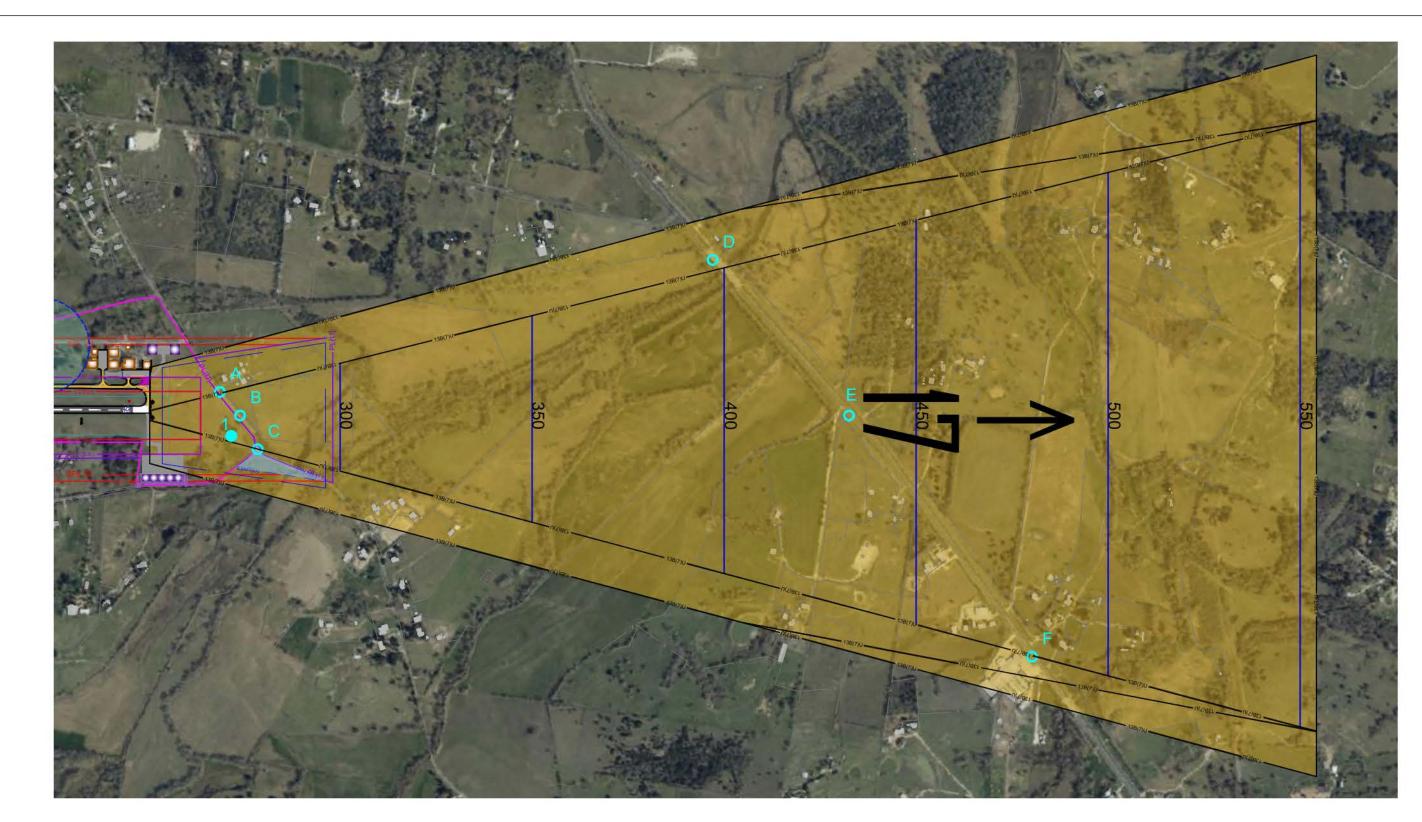
EXISTING RW 16-34/FUTURE RW 17/35 DEPARTURE SURFACE DRAWING BRENHAM MUNICIPAL AIRPORT (11R) BRENHAM, TEXAS

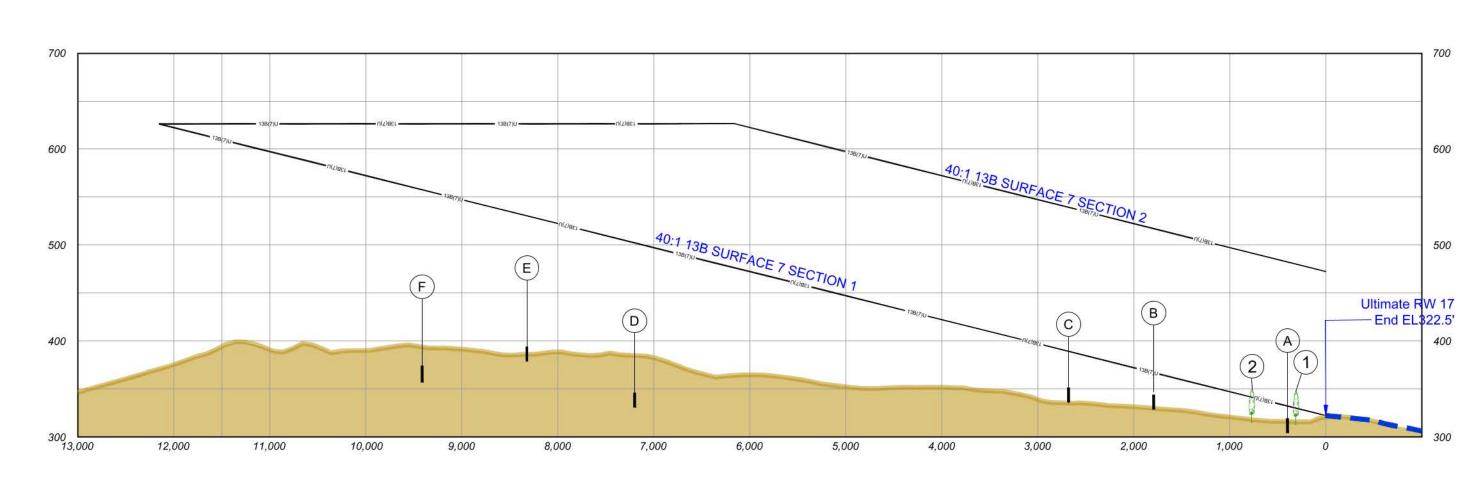
Associates

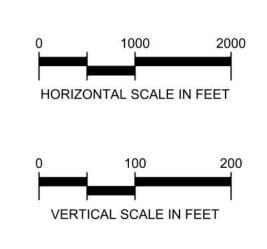


SEPTEMBER 2023











Remediation

Coffman Phoenix Office: 4835 E. Cactus Road Suite 235 Scottsdale, Az. 85254 (602) 993-6999, Fax (7196)

Trim/Remove

	Ultimate 17 End Departure Obstructions							
ID	Feature	FAA Study#	ADIP ID#	Ground Elevation (ft. msl.)	AGL (ft.)	Top Elevation (ft. msl.)	Penetration Value (ft.)	Remediation
1	Tree	N/A	48-043574	Unknown	Unknown	348.00	15.53	Trim/Remove
2	Tree	N/A	48-043576	Unknown	Unknown	350.00	8.27	Trim/Remove

	Ultimate 17 End Departure Road Points					
ID	Feature	Ground Elevation (ft. msl.)	Adjustment (ft.)	Top Elevation (ft. msl.)	Clearance (ft.)	
Α	Old Independence	304.61	15.00	319.61	21.35	
В	Old Independence	329.00	15.00	344.00	22.43	
С	Hopmann	336.65	15.00	351.65	37.87	
D	Prairie Hill	331.14	15.00	346.14	157.32	
Е	Schlottman	377.96	15.00	392.96	137.74	
F	Schlottman	362.59	15.00	377.59	180.21	

LEGEND

OBSTRUCTION IDENTIFIER

——13B (7) U—— ULTIMATE 13B SURFACE 7

EXISTING PROPERTY BOUNDARY

ROAD IDENTIFIER

	Ultimate 35 End Departure Road Points							
ID	Feature	Ground Elevation (ft. msl.)	Adjustment (ft.)	Top Elevation (ft. msl.)	Clearance (ft.)			
Α	Airport Rd.	239.80	15.00	254.80	13.86			
В	Airport Rd.	224.46	15.00	239.46	34.42			
С	Airport Rd.	217.93	15.00	232.93	45.52			
D	Hwy 105	206.83	15.00	221.83	175.13			
Е	Hwy 105	240.07	15.00	255.07	177.39			
F	Hwy 105	241.46	15.00	256.46	223.66			

Unknown

ID Feature Study# ADIP ID# Ground Elevation (ft. msl.)

N/A 48-114955

Ultimate 35 End Departure Obstructions

Unknown

Top Elevation Penetration

0.40

(ft. msl.)

272.00

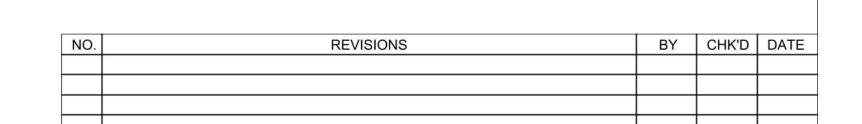
TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION	AIRPORT SPONSOR
ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT PROPERTY.	CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO
COPYRIGHT 2017 TXDOT AVIATION DIVISION, ALL RIGHTS RESERVED.	FUNDING.
DocuSigned by:	DocuSigned by:
3/6/2024	atwood C. Lenjura 3/6/2024
Dan Harmon, DIRECTOR, AVIATION DIVISION DATE	9E56B9130A8B455
Dan Harmon, DIRECTOR, AVIATION DIVISION DATE	SIGNATURE DATE
	Mayor Atwood C. Kenjura
	TITLE, AIRPORT SPONSOR'S REPRESENTATIVE
PREPARED BY:	
12920 Metcalf Avenue Suite 200	C. BURKS SEPTEMBER 2023
Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office:	DESIGNED BY DATE

05115041	NOTES

- GENERAL NOTES: 1. No survey was conducted for this project. Existing runway end coordinates and
- airport elevation are from adip.faa.gov.

 2. This airspace was analyzed against obstruction points published by
- adip.faa.gov.

 3. Ground contours, Road intersection ground elevations, and ground profile taken from USGS 1/3 Arc Second data.
- Imagery source: 2023 Microsoft Corporation, 2023 Maxar, CNES (2023), Distribution Airbus DS

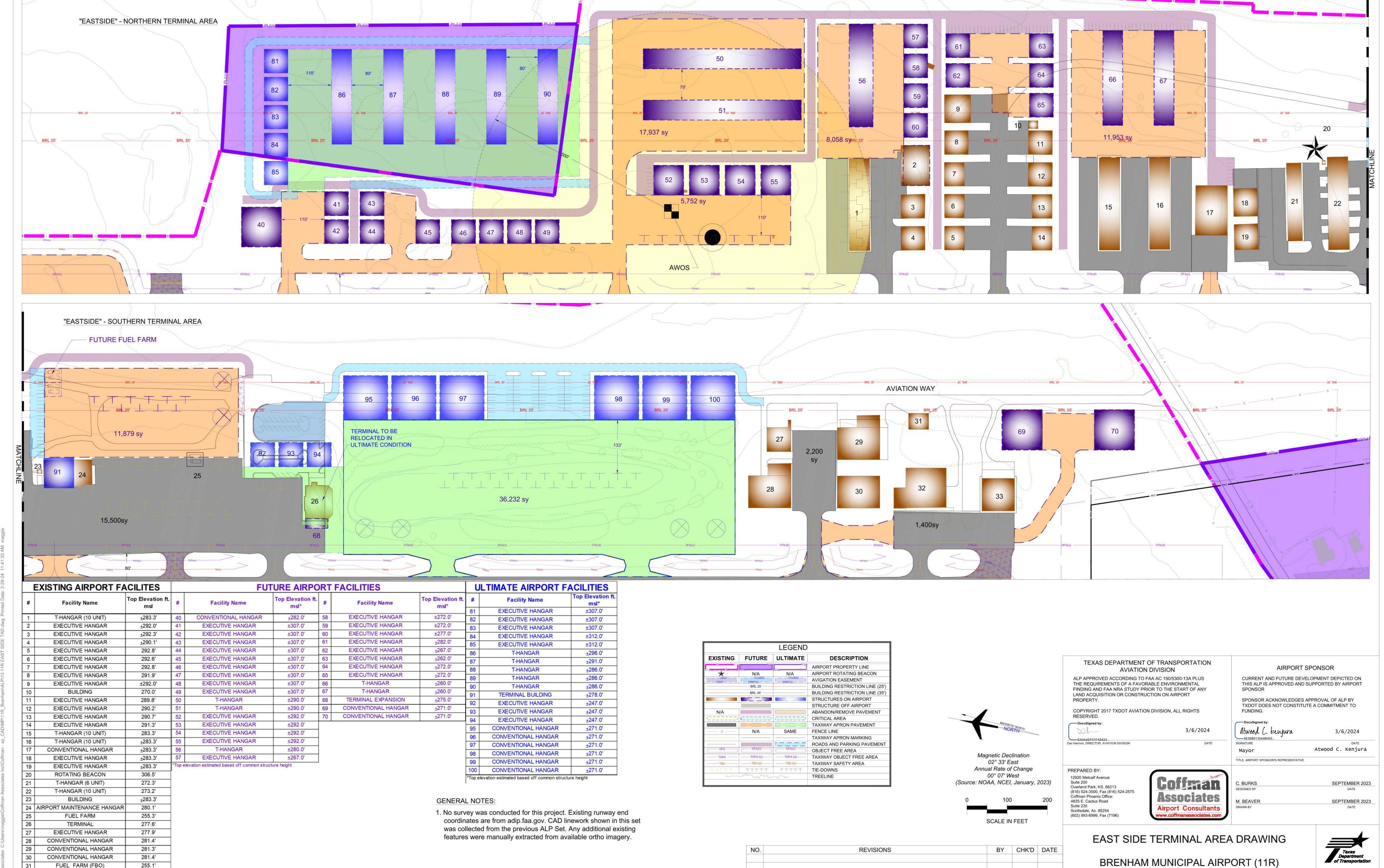


ULTIMATE RW 17/35 DEPARTURE SURFACE DRAWING BRENHAM MUNICIPAL AIRPORT (11R) BRENHAM, TEXAS

Associates



SEPTEMBER 2023



CONVENTIONAL HANGAR

EXECUTIVE HANGAR

281.4'

281.4'

BRENHAM MUNICIPAL AIRPORT (11R) BRENHAM, TEXAS



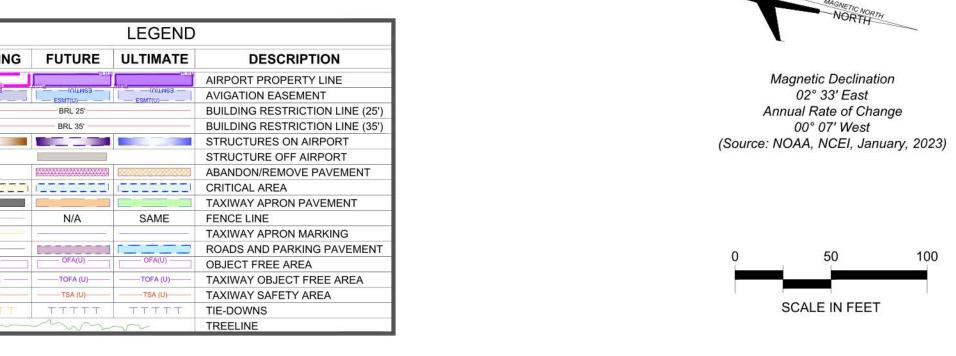
FUTURE AIRPORT FACILITIES		
#	Facility Name	Top Elevation ft msl*
71	EXECUTIVE HANGAR	±247.0'
72	EXECUTIVE HANGAR	±247.0'
73	EXECUTIVE HANGAR	±247.0'
74	EXECUTIVE HANGAR	±247.0'
75	EXECUTIVE HANGAR	±247.0'

Top Elevation ft.
msl*
±271.0'
±271.0'
±271.0'



1. No survey was conducted for this project. Existing runway end coordinates are from adip.faa.gov. CAD linework shown in this set was collected from the previous ALP Set. Any additional existing features were manually extracted from available ortho imagery.

GENERAL NOTES:



NATE OF THE CONTROL OF THE TRANSPORT OF THE SECTION	**************************************	
	COPYRIGHT 2017 TXDOT AVIATION DIVISION DIVISIONI	SION, ALL RIGHTS
	DocuSigned by:	
	Delle-	3/6/202
50 100	EA0A4EF04FA6423 Dan Harmon, DIRECTOR, AVIATION DIVISION	D
——	:	
SCALE IN FEET	PREPARED BY:	
	12920 Metcalf Avenue Suite 200 Overland Park, KS. 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office:	Follona Associat

BY CHK'D DATE

Magnetic Declination

02° 33' East

Annual Rate of Change

00° 07' West

REVISIONS

4835 E. Cactus Road Suite 235 Scottsdale, Az. 85254 (602) 993-6999, Fax (7196) WEST SIDE TERMINAL AREA **DRAWING**

TEXAS DEPARTMENT OF TRANSPORTATION

AVIATION DIVISION

ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT

BRENHAM MUNICIPAL AIRPORT (11R) BRENHAM, TEXAS

Associates

3/6/2024



3/6/2024

Atwood C. Kenjura

SEPTEMBER 2023

SEPTEMBER 2023

AIRPORT SPONSOR

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT

SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY

TXDOT DOES NOT CONSTITUTE A COMMITMENT TO

SPONSOR

FUNDING.

9E56B9130A8B455...

Mayor

M. BEAVER

Atwood C. kenjura

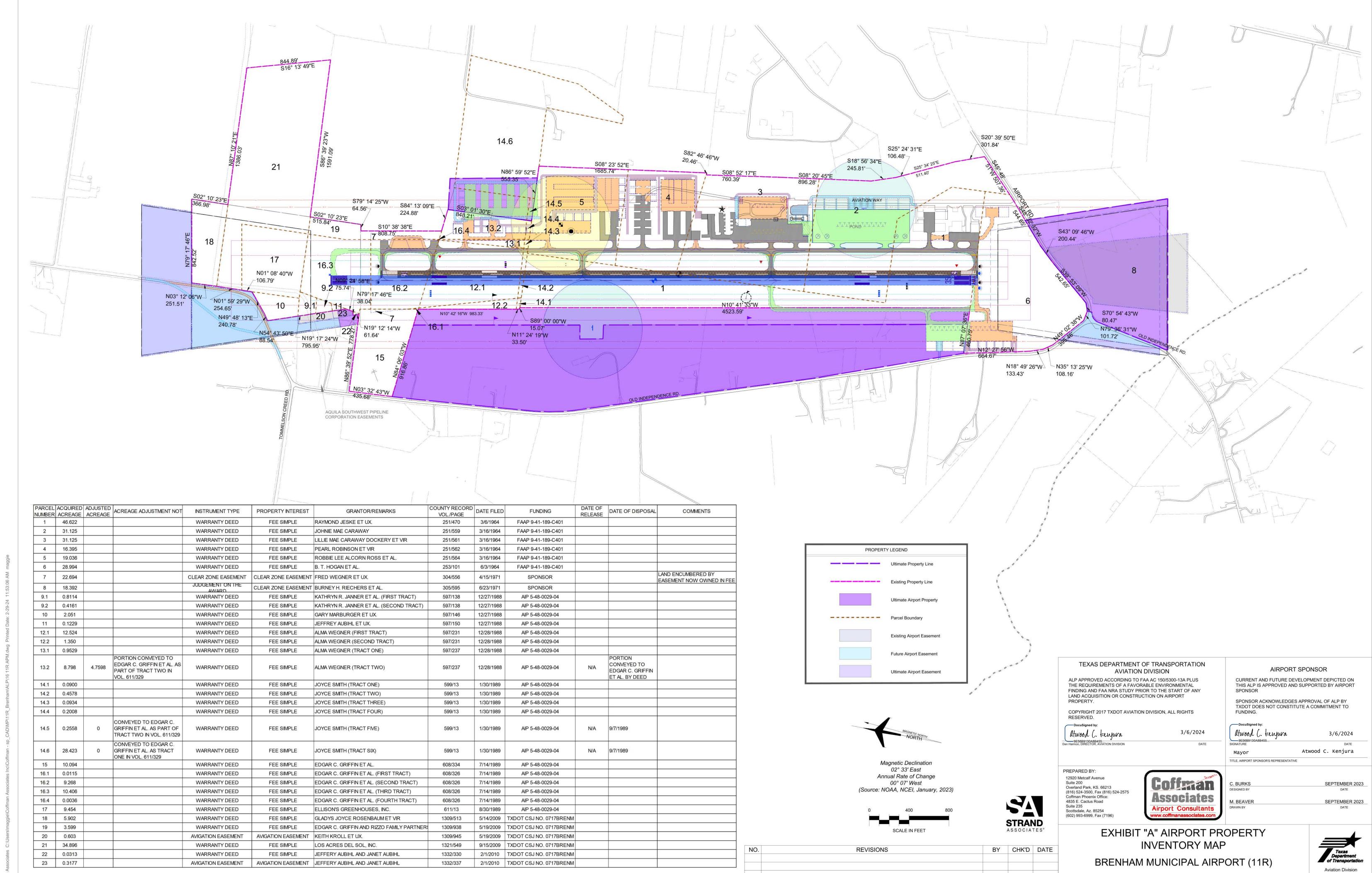
TITLE, AIRPORT SPONSOR'S REPRESENTATIVE

— 65 — Ultimate 65 DNL Contour

Aviation Division

SHEET 15 OF 16

BRENHAM, TEXAS



BRENHAM, TEXAS





U.S. Department of Transportation

Federal Aviation
Administration

Federal Aviation Administration Southwest Region, Airports Division Texas Airports District Office FAA-ASW-650 10101 Hillwood Parkway Fort Worth, Texas 76177

February 9, 2024

Emily Lambert TxDOT Aviation Division 125 E. 11th Street Austin, TX 78701

Dear Ms. Lambert:

RE: Aeronautical Study 2024-ASW-69-NRA Airport Layout Plan – Brenham Municipal Airport (11R)

The Federal Aviation Administration (FAA) has conducted an aeronautical study (2024-ASW-69-NRA) for the Brenham Municipal Airport – Airport Layout Plan (ALP). Although future structures on or near the airport may be in conformance with the ALP, this determination does not extend to them. Therefore, all future structures will be subject to the notice provisions of Title 14 Code of Federal Regulations (CFR) Part 77, Objects Affecting Navigable Airspace.

Our office circularized this airspace case for comment. Comments were received and include the following comments approvable from an airspace utilization standpoint:

- 1. FAA Flight Procedures Office. IFR Effect. The Future Runway data will require procedure amendments to update Runway Numbers from RWY 16/34 to Runway 17/35 and an update to the MAGVAR at the airport from the assigned 1985 Epoch Year value of East 6 degrees to the 2025 Epoch Year value of East 2 degrees. An Instrument Flight Procedures (IFP) request should be requested to change the runway numbers and a MAGVAR update, at least 24 to 36 months in advance of the desired publication date, using the web site: https://www.faa.gov/air traffic/flight info/aeronav/procedures/ifp form/ . The Ultimate Runway will shift the runway centerline and extend the RWY 17 end, this will require all procedures to be amended and may require an environmental study for the move. The IFP website: https://www.faa.gov/air traffic/flight info/aeronav/procedures/ifp form/ should be used to submit a request for amended procedures and this request should be made at least 24 to 36 months in advance of the planned publication date for this shifting of the runway. A new NGS Vertically Guided (VG) obstacle survey will be needed to be completed to the new (relocated) thresholds, additionally, Design data (new coordinates/elevations) will need to be available for approach development. Both of these should be submitted at least 12 to 18 months prior to completion/publication date so procedures can use that data for planned publication. As-built data should closely match the design data to prevent errors that would delay publication.
- 2. Airports. Provide notice to the FAA ADO, via OE/AAA aeronautical study, at least 60 days in advance of starting the construction of any facilities on the airport.

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 cannot prevent the construction of structures near an airport. The airport environs can only be protected through such means as local zoning ordinances, land use planning, acquisition of property in fee or aviation easements, letters of agreement or other means.

Our review and approval should not be construed as relieving the sponsor or their consultant of the responsibility for the accuracy, completeness, and technical content of the ALP documents. The ALP is a graphic depiction of the existing and proposed future airport facilities showing the clearance and dimensional requirements to meet applicable standards. The ALP serves as a record of aeronautical requirements and is used by the FAA in its review of proposals that may affect the navigable airspace or other missions of the FAA. The ALP is an important document and should be kept up-to-date at all times with respect to existing features and future planned development.

Through participation in the State Block Grant Program (SBGP), Texas Department of Transportation shall provide conditional, unconditional, mixed, or full approval for the Airport Layout Plan (ALP) on behalf of FAA for airports covered under this program. No grant shall be issued to an airport sponsor by the State under the SBGP unless the airport has an approved ALP and the project is consistent with the approved ALP. The state also assumes responsibility for environmental findings on all projects involving ALP approval and/or AIP funding, excluding discretionary funds. Prior to commencing construction, proponent should coordinate with the Department of Transportation-AVN to ensure an environmental determination has been issued if required per Section 163.

Sincerely,

JILLIAN M Digitally signed by JILLIAN M THACKSTON Date: 2024.02.09 09:39:56 -06'00'

Jillian M. Thackston

Community Planner FAA Texas ADO

Electronic Record and Signature Disclosure

DocuSign

Certificate Of Completion

Envelope Id: 59EF0E8190B94332A447A3BAF36DF718 Status: Completed

Subject: Complete with DocuSign: compressed11R_ALP_Set_FullSize_022924.pdf, 11R_MP_Determination.pdf

Source Envelope:

Document Pages: 16 Envelope Originator: Signatures: 31 Supplemental Document Pages: 2 Initials: 0 **Emily Lambert**

Certificate Pages: 5

AutoNav: Enabled 125 E. 11th Street Envelopeld Stamping: Enabled Austin, TX 78701

Time Zone: (UTC-06:00) Central Time (US & Canada) Emily.Lambert@txdot.gov IP Address: 204.64.21.251

Record Tracking

Status: Original Holder: Emily Lambert Location: DocuSign

3/1/2024 12:53:26 PM Emily.Lambert@txdot.gov

Security Appliance Status: Connected Pool: StateLocal

Storage Appliance Status: Connected Pool: Texas Department of Transportation Location: DocuSign

Signer Events Signature **Timestamp**

Atwood C. Kenjura Sent: 3/1/2024 1:52:42 PM atwood C. kenjura Viewed: 3/6/2024 1:48:20 PM JBellinger@cityofbrenham.org 9F56B9130A8B455 Signed: 3/6/2024 2:19:23 PM Mayor

Security Level: Email, Account Authentication

Signature Adoption: Pre-selected Style (Optional) Using IP Address: 40.133.221.253

Electronic Record and Signature Disclosure:

Accepted: 8/17/2023 2:24:15 PM ID: 8f8021cc-82b2-4900-bc0f-e5fdfb1c675f

Supplemental Documents: 11R_MP_Determination.pdf Viewed: 3/6/2024 2:18:25 PM

DocuSigned by:

EA0A4EF01FA5423..

Read: Not Required Accepted: Not Required

Sent: 3/6/2024 2:19:28 PM

Viewed: 3/6/2024 2:31:38 PM

Signed: 3/6/2024 2:33:32 PM

Dan Harmon Dan.Harmon@txdot.gov

Director, Aviation Division

TXDOT

Security Level: Email, Account Authentication

Signature Adoption: Uploaded Signature Image

Using IP Address: 204.64.21.251 (Optional)

Electronic Record and Signature Disclosure:

Accepted: 2/7/2017 11:28:24 AM

ID: 26db7597-49b9-4513-aae9-87b1dcbe1f1e

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp

Certified Delivery Events

Emily Lambert emily.lambert@txdot.gov

Texas Department of Transportation

Security Level: Email, Account Authentication

(Optional)

Status

VIEWED

Using IP Address: 204.64.21.251

Timestamp

Sent: 3/6/2024 2:33:38 PM Viewed: 3/11/2024 11:26:51 AM

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Carbon Copy Events

Jim Halley

jhalley@cityofbrenham.org

Security Level: Email, Account Authentication (Optional)

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Stephanie Kleiber

Stephanie.Kleiber@txdot.gov

Texas Department of Transportation

Security Level: Email, Account Authentication

(Optional)

Electronic Record and Signature Disclosure:

Electronic Record and Signature Disclosure

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Status

COPIED

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Timestamp

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Sent: 3/6/2024 2:19:28 PM Viewed: 3/6/2024 4:11:46 PM

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Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	3/1/2024 1:52:43 PM
Certified Delivered	Security Checked	3/11/2024 11:26:51 AM
Signing Complete	Security Checked	3/6/2024 2:33:32 PM
Completed	Security Checked	3/11/2024 11:26:51 AM
Payment Events	Status	Timestamps

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Required hardware and software

Operating Systems:	Windows2000? or WindowsXP?
Browsers (for SENDERS):	Internet Explorer 6.0? or above
Browsers (for SIGNERS):	Internet Explorer 6.0?, Mozilla FireFox 1.0, NetScape 7.2 (or above)
Email:	Access to a valid email account
Screen Resolution:	800 x 600 minimum
Enabled Security Settings:	Allow per session cookies

• Users accessing the internet behind a Proxy Server must enable HTTP 1.1 settings via proxy connection

Acknowledging your access and consent to receive materials electronically

To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please verify that you were able to read this electronic disclosure and that you also were able to print on paper or electronically save this page for your future reference and access or that you were able to e-mail this disclosure and consent to an address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format on the terms and conditions described above, please let us know by clicking the 'I agree' button below.

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^{**} These minimum requirements are subject to change. If these requirements change, we will provide you with an email message at the email address we have on file for you at that time providing you with the revised hardware and software requirements, at which time you will have the right to withdraw your consent.