HEBER VALLEY AIRPORT (HCR)

HEBER CITY, UTAH

AIRPORT LAYOUT PLAN

A.I.P. NO: 3-49-001-031-2019

ACCEPTED: MONTH YEAR

AIRSPACE CASE NO: XXXX-XXX-XXXX-XXX

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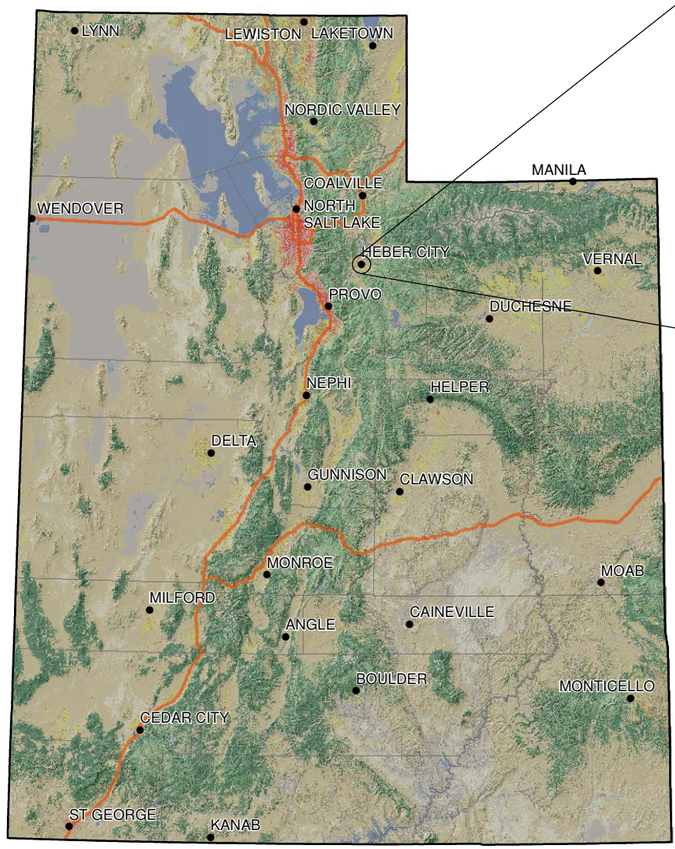
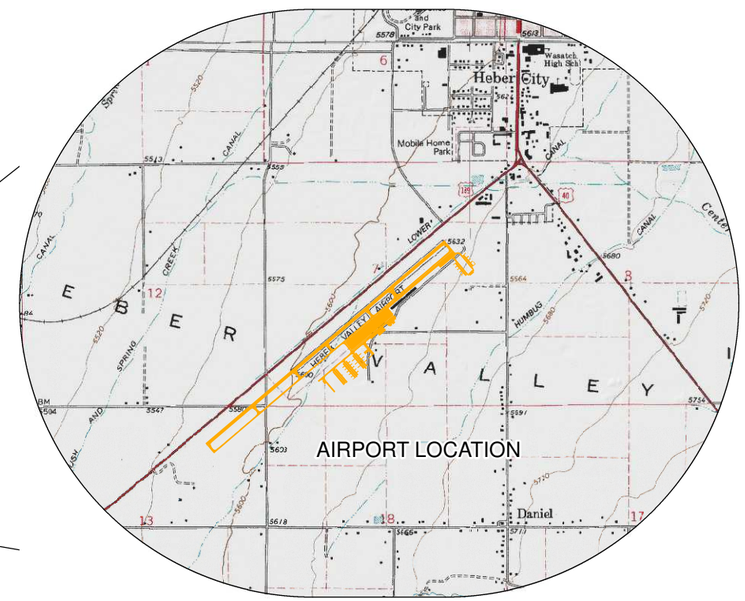


LOCATION MAP



VICINITY MAP

PLAN ACCEPTANCE:

CITY OF HEBER CITY MAYOR — DATE

FAA CONDITIONAL APPROVAL

SUBJECT TO LETTER DATED: _____

FEDERAL AVIATION ADMINISTRATION
DENVER AIRPORTS DISTRICT OFFICE

DATE : _____

AIRSPACE CASE NO : _____

Acceptance Letter

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN MRR
CHECKED BWG
APPROVED JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168 WWW.ARDURRA.COM

A.I.P. NO.: 3-49-001-031-2019

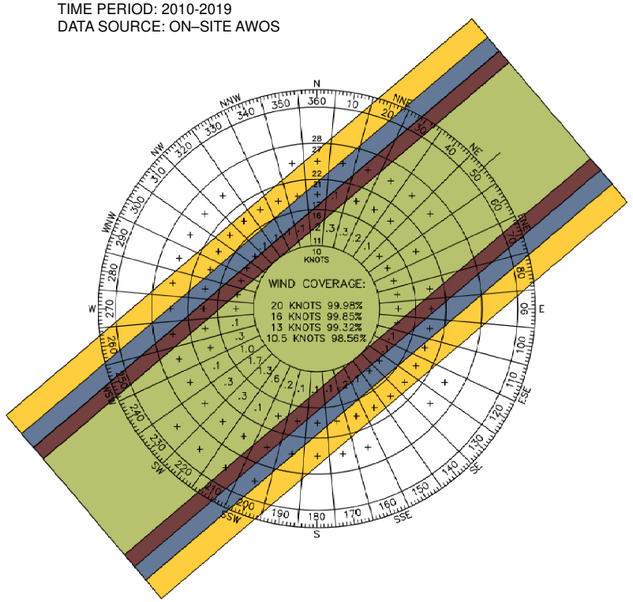
TITLE SHEET
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 1
1 OF 21

Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_1_TITLE_Sheet.mxd

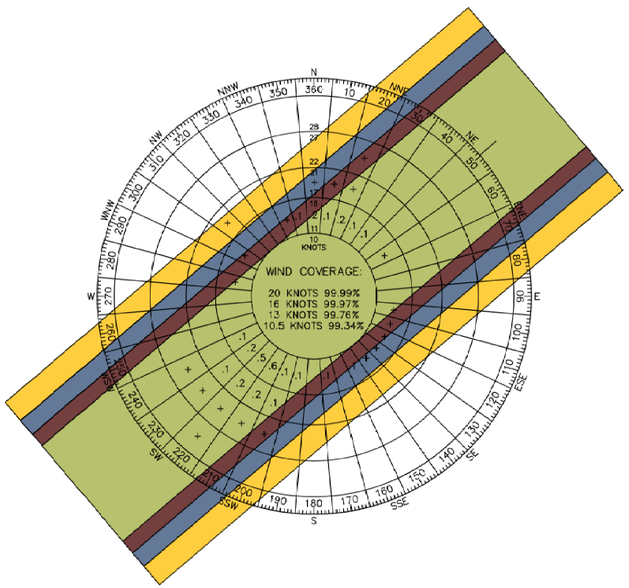
All Weather Wind Rose

COVERAGE: 10.5 KTS 98.56%– 13 KTS 99.32%–
16 KTS 99.85%– 20 KTS 99.98%
OBSERVATIONS: 127,226
TIME PERIOD: 2010-2019
DATA SOURCE: ON–SITE AWOS



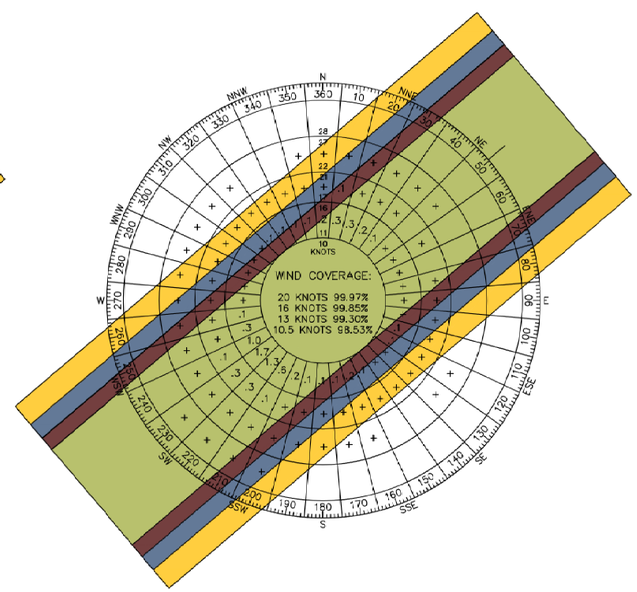
IFR Wind Rose

COVERAGE: 10.5 KTS 99.34%– 13 KTS 99.76%–
16 KTS 99.97%– 20 KTS 99.99%
OBSERVATIONS: 4,922
TIME PERIOD: 2010-2019
DATA SOURCE: ON–SITE AWOS



VFR Wind Rose

COVERAGE: 10.5 KTS 98.53%– 13 KTS 99.30%–
16 KTS 99.85%– 20 KTS 99.97%
OBSERVATIONS: 122,308
TIME PERIOD: 2010-2019
DATA SOURCE: ON–SITE AWOS



ABBREVIATIONS

AP	AIRPORT
ARP	AIRPORT REFERENCE POINT
BRL	BUILDING RESTRICTION LINE
CL	CENTER LINE
ELEV	ELEVATION
(E)	EXISTING
(F)	FUTURE (MID-PHASE)
FAA	FEDERAL AVIATION ADMINISTRATION
HP	HIGH POINT
LP	LOW POINT
NPI	NONPRECISION INSTRUMENT
ROFA	RUNWAY OBJECT FREE AREA
ROFZ	RUNWAY OBSTACLE FREE ZONE
RPZ	RUNWAY PROTECTION ZONE
RSA	RUNWAY SAFETY AREA
RVZ	RUNWAY VISIBILITY ZONE
RWY	RUNWAY
STA	STATION
TESM	TAXIWAY EDGE SAFETY MARGIN
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
TDZ	TOUCH DOWN ZONE
TYP	TYPICAL
(U)	ULTIMATE (LONG-TERM)
VIS	VISUAL

FAA SOP 2.00 A.3 "D" RUNWAY DATA TABLE

RUNWAY 4/22

			EXISTING		FUTURE	
1	RUNWAY		4	22	4	22
2	RUNWAY DESIGN CODE (RDC)		B-II (LARGE AIRCRAFT)		C-II (LARGE AIRCRAFT)	
3	RUNWAY REFERENCE CODE (RRC)		B-II-5000		C-II-5000	
4	PAVEMENT TYPE		ASPHALT			
	PAVEMENT STRENGTH BY WHEEL LOAD		SWG 89,000 DWG 142,500			
	PAVEMENT CLASSIFICATION NUMBER (PCN)		32/F/B/X/T			
5	EFFECTIVE RUNWAY GRADIENT (%)		1.5%-5.00%		1.5% - 3.0%	
	MAXIMUM GRADIENT WITHIN RUNWAY		0.78%		0.85%	
6	WIND COVERAGE (10.5/13/16) IN KTS		98.56% / 99.32% / 99.85% / 99.98%			
7	RUNWAY DIMENSIONS		6898' X 75'		6898' X 100'	
8	DISPLACED THRESHOLD		NONE		NONE	
9	RUNWAY SAFETY AREA (STANDARD) WIDTH		150'		500'	
	RUNWAY SAFETY AREA (STANDARD) LENGTH OFF ENDS		300'		1,000'	
	RUNWAY SAFETY AREA DIMENSIONS (ACTUAL) WIDTH		150'		500'	
	RUNWAY SAFETY AREA DIMENSIONS (ACTUAL) LENGTH OFF ENDS		300'		1,000'	
10	RUNWAY OBJECT FREE AREA WIDTH		500'		800'	
	RUNWAY OBJECT FREE AREA LENGTH BEYOND RUNWAY END		300'		1,000'	
11	OBSTACLE FREE ZONE WIDTH		400'			
	OBSTACLE FREE ZONE LENGTH BEYOND RUNWAY END		200'			
12	RUNWAY PROTECTION ZONE DIMENSIONS (LENGTH/IN/OUT)		1,000' / 500' / 700'		1,700' / 500' / 1,010'	
13	RUNWAY END COORDINATES	LAT:	N 40°28'32.48"	N 40°29"16.49"	N 40°28'27.08"	N 40°29'11.09"
		LONG:	W 111°26'17.76"	W 111°25'09.63"	W 111°26'23.35"	W 111°25'15.19"
14	RUNWAY END ELEVATION (SURVEYED (E)) (CALCULATED (F))		5583.0'	5636.8'	5582.0'	5640.8'
	RUNWAY TOUCHDOWN ZONE ELEVATION		5608.4'	5636.8'	5607.2'	5640.8'
15	RUNWAY LIGHTING TYPE		MIRL			
16	RUNWAY MARKING TYPE		NPI			
	CFR PART 77 APPROACH CATEGORY (SLOPE)		34:1			
17	APPROACH TYPE		NPI			
	VISIBILITY MINIMUMS		1-1/2 STATUE MILE			
18	AERONAUTICAL SURVEY REQUIRED		NONE			
19	RUNWAY DEPARTURE SURFACE APPLIED?		YES			
20	THRESHOLD SITING SURFACE (TSS)		SURFACE 4		SURFACE 4	
21	APPROACH END OF RUNWAY WIDTH VERTICAL GUIDANCE (VSG)		NONE			
22	VISUAL AND INSTRUMENT NAVAIDS		PAPIS (RWY 22), BEACON			
23	TAXIWAY DESIGN GROUP		2		2	
24	TAXIWAY AND TAXILANE WIDTH		25'		35'	
25	TAXIWAY EDGE SAFETY MARGIN (TESM)		7.5'		7.5'	
26	TAXIWAY AND TAXILANE SAFETY AREA (TSA) WIDTH		79'		79'	
27	TAXIWAY OBJECT FREE AREA (TOFA) WIDTH		131'		124'	
	TAXILANE OBJECT FREE AREA (TOFA) WIDTH		115'		110'	
28	TAXIWAY CENTERLINE TO RUNWAY CENTERLINE SEPARATION		238'		300'	
29	TAXIWAY LIGHTING		MIRL			
30	VERTICAL DATUM		NAVD88 (US FEET)			
31	HORIZONTAL DATUM		NAD83 (2011) (EPOCH:2010:0000)			

FAA SOP 2.00 A.3 "C" AIRPORT DATA TABLE

			EXISTING	FUTURE
1	AIRPORT REFERENCE CODE (ARC)		B-II (LARGE AIRCRAFT)	C-II
2	MEAN MAX TEMPERATURE HOTTEST MONTH		85°(JULY)	85° (JULY)
3	AIRPORT ELEVATION		5636.8'	5640.8'
4	AIRPORT NAVIGATIONAL AIDS		PAPI (RWY 22), BEACON	
5	AIRPORT REFERENCE POINT	LAT:	N 40°28'54.48"	N 40°28'49.09"
		LONG:	W 111°25'43.69"	W 111°25'49.27"
6	MISCELLANEOUS FACILITIES		AWOS	
7	CRITICAL AIRCRAFT		BEECHCRAFT 1900D	BOMBARDIER CHALLENGER 350
8	AIRPORT MAGNETIC VARIATION		10°45' E (JAN 2023)	
9	NPIAS SERVICE LEVEL		REGIONAL	
10	UTAH STATE SERVICE ROLE		CLASS II - CORPORATE/TOURISM	

AIRPORT NON-STANDARDS CONDITIONS TABLE

	ITEM OR SURFACE NOT MEETING STANDARD	ACTUAL	STANDARD	FAA APPROVED DATE
1	NONE APPROVED	NONE	NONE	NONE

FAA SOP 2.00 A.3 "F" DECLARED DISTANCES TABLE

	RUNWAY 4/22 (PRIMARY)	EXISTING	FUTURE
1	TAKE-OFF RUN AVAILABLE (TORA)	6898'	6898'
2	TAKE-OFF DISTANCE AVAILABLE (TODA)	6898'	6898'
3	ACCELERATED STOP DISTANCE (ASDA)	6898'	6898'
4	LANDING DISTANCE AVAILABLE (LDA)	6898'	6898'

BORDER SIZE 11"X17"
DESIGNED
DRAWN BRC
CHECKED
APPROVED BWC
JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

A.I.P NO.: 3-49-001-031-2019

DATA SHEET
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 2
2 OF 21

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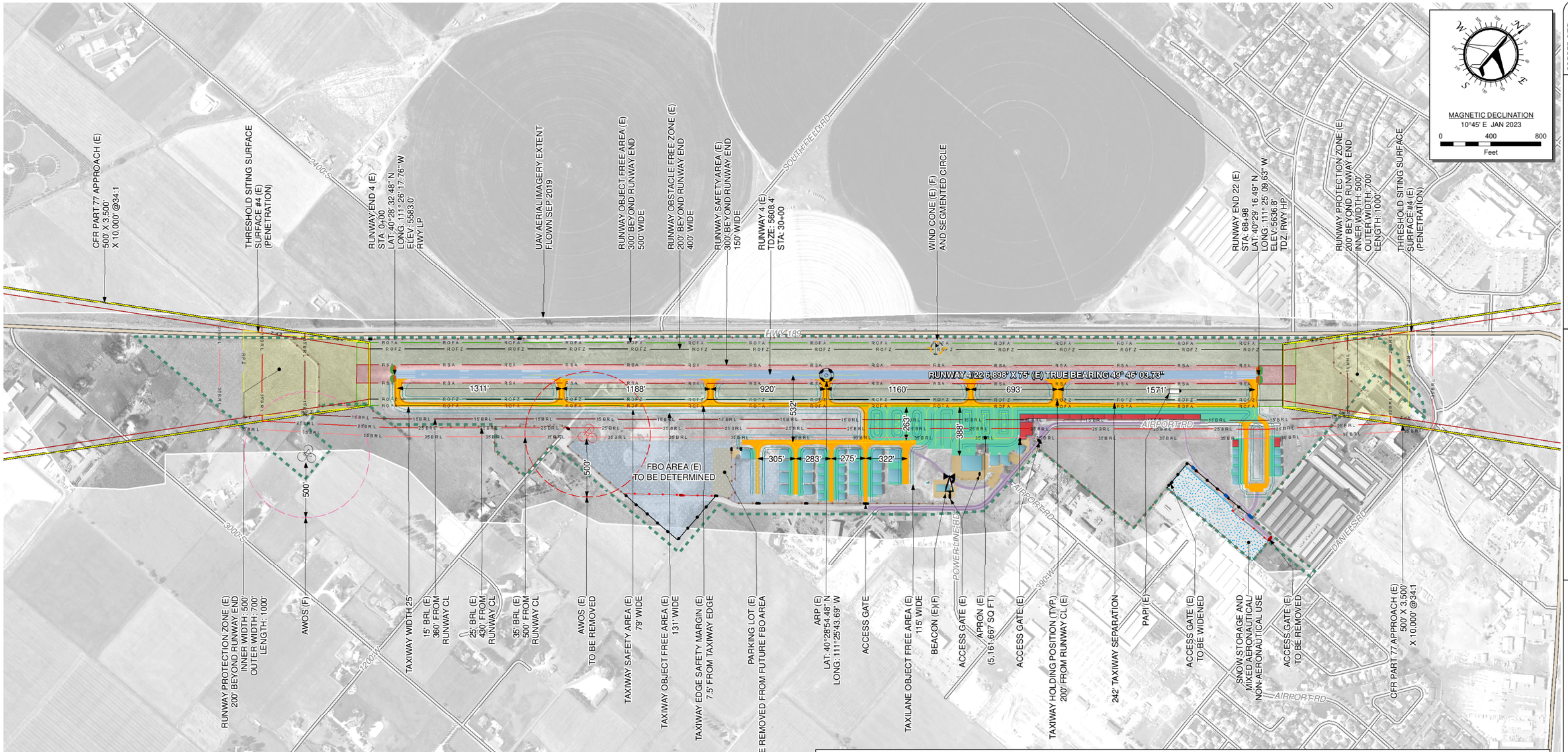

UAV AERIAL
FLOWN SEPT 2019

ABBREVIATIONS

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CITY OF HEBER CITY MAYOR — DATE

The preparation of this document may have been supported, in part, through the Airport Improvement Program financial assistance from the Federal Aviation Administration (Project Number AIP 3-49-001-031-2019) 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.

FAA CONDITIONAL APPROVAL

SUBJECT TO LETTER DATED: _____

FEDERAL AVIATION ADMINISTRATION
DENVER AIRPORTS DISTRICT OFFICE

DATE : _____

AIRSPACE CASE NO : _____

LEGEND

ITEM EXISTING	ITEM FUTURE	DESCRIPTION	ITEM EXISTING	ITEM FUTURE	DESCRIPTION	ITEM EXISTING	DESCRIPTION
BUILDING			***NAVAIDS***			***MARKING LINE***	
		HANGAR TO BE REMOVED			AWOS		RUNWAY CENTERLINE
	X	HANGAR			AWOS PROTECTION		TAXIWAY CENTERLINE
FENCE					BEACON		TAXIWAY HOLDING POSITIION
		CHAINLINK FENCE (7')		X	PAPI		TIE DOWN
		FENCE TO BE REMOVED		X	THRESHOLD LIGHT	***SAFETY AREAS***	
		WIRE FENCE (8')			WIND CONE	RSA	RUNWAY SAFETY AREA (RSA)
		GATE			SEGMENTED CIRCLE	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
PART 77 SURFACE			***PAVEMENT***			RPZ	RUNWAY PROTECTION ZONE (RPZ)
	X	CFR PART 77 APPROACH		X	APRON	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)
	X	THRESHOLD SITING SURFACE		X	DRIVEWAY		TAXIWAY EDGE SAFETY MARGIN (TESM)
MISCELLANEOUS				X	PARKING LOT		TAXIWAY OBJECT FREE AREA (TOFA)
		AIRPORT BOUNDARY			ROAD		TAXIWAY SAFETY AREA (TSA)
	X	AIRPORT REFERENCE POINT (ARP)		X	RUNWAY	15'BRL	15' BUILDING RESTRICTION LINE (BRL)
X		FBO AREA		X	TAXIWAY	25'BRL	25' BUILDING RESTRICTION LINE (BRL)
X		SNOW STORAGE				35'BRL	35' BUILDING RESTRICTION LINE (BRL)

REVISIONS		
NO.	DESCRIPTION	DATE:

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN BRC
CHECKED BWC
APPROVED JLM

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168 WWW.ARDURRA.COM

A.I.P NO.: 3-49-001-031-2019

AIRPORT LAYOUT PLAN EXISTING
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 3A
3 OF 21

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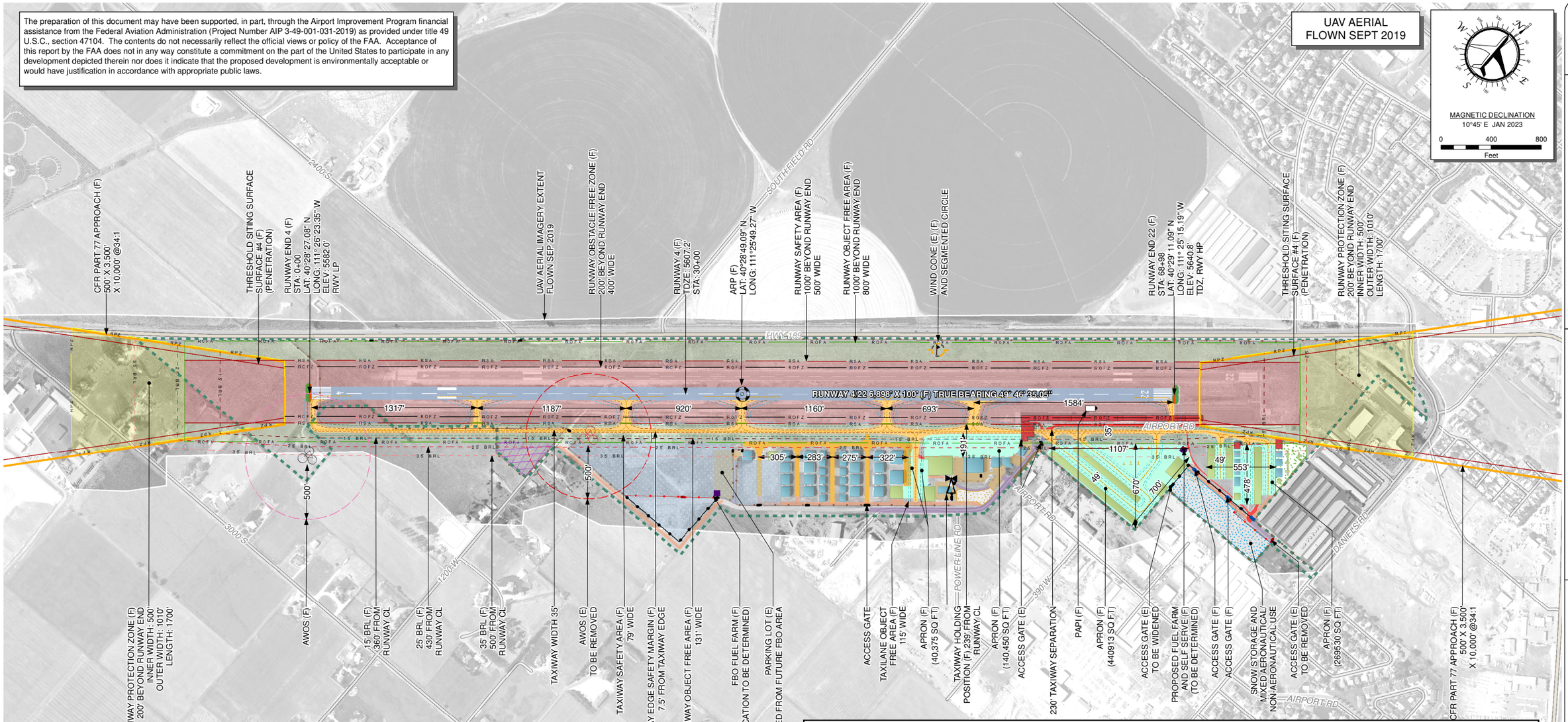

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DATE : _____

AIRSPACE CASE NO : _____

LEGEND

ITEM EXISTING	ITEM FUTURE	DESCRIPTION	ITEM EXISTING	ITEM FUTURE	DESCRIPTION	ITEM FUTURE	DESCRIPTION
BUILDING			***NAVAIDS***			***MARKING LINE***	
		HANGAR TO BE REMOVED			AWOS		RUNWAY CENTERLINE
		HANGAR			AWOS PROTECTION		TAXIWAY CENTERLINE
FENCE					BEACON		TAXIWAY HOLDING POSITIION
		CHAINLINK FENCE (7')	X		PAPI		TIE DOWN
		FENCE TO BE REMOVED	X		THRESHOLD LIGHT	***SAFETY AREAS***	
		WIRE FENCE (8')			WIND CONE		RUNWAY SAFETY AREA (RSA)
		GATE			SEGMENTED CIRCLE		RUNWAY OBJECT FREE AREA (ROFA)
PART 77 SURFACE			***PAVEMENT***				RUNWAY PROTECTION ZONE (RPZ)
X		CFR PART 77 APPROACH	X		APRON		RUNWAY OBSTACLE FREE ZONE (ROFZ)
X		THRESHOLD SITING SURFACE			DRIVEWAY		TAXIWAY EDGE SAFETY MARGIN (TESM)
MISCELLANEOUS					PARKING LOT		TAXIWAY OBJECT FREE AREA (TOFA)
		AIRPORT BOUNDARY			ROAD		TAXIWAY SAFETY AREA (TSA)
X		AIRPORT REFERENCE POINT (ARP)	X		RUNWAY		15' BUILDING RESTRICTION LINE (BRL)
X		FBO AREA			TAXIWAY		25' BUILDING RESTRICTION LINE (BRL)
X		SNOW STORAGE	X		FUEL		35' BUILDING RESTRICTION LINE (BRL)
X		AIRPORT VIEW AREA	X		ELECTRIC PLANE PARKING		
X		GLIDER AREA			ROAD TO BE REMOVED		

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AIRPORT LAYOUT PLAN FUTURE
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
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SHEET: 3B
4 OF 21

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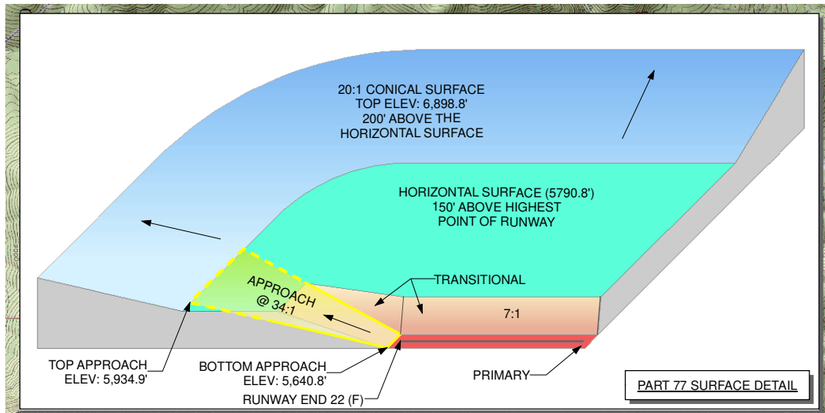


PART 77 SURFACE DETAIL

RUNWAY 4 (F)
LAT: N 40°28'27.08"
LONG: W 111°26'23.35"
ELEV: 5582.0'

RUNWAY 22 (F)
LAT: N 40°29'11.09"
LONG: W 111°25'15.19"
ELEV: 5640.8'

HEBER CITY AIRSPACE IS DEFINED BY 14 CFR PART 77 OBSTRUCTION SURFACE AND PROTECTED BY THE FOLLOWING ZONING REGULATIONS:

HEBER CITY MUNICIPAL CODE, TITLE 18 'ZONING' LAST AMENDED 2/24/2022, WASATCH COUNTY CODE, TITLE 16 "LAND USE AND DEVELOPMENT CODE" LAST AMENDED 12/21/2022

OBSTRUCTION TABLE

REF #	OBJECT DESCRIPTION	SURFACE AFFECTED	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
1	TREE	APPROACH	5638.2	375	21.5	TO BE REMOVED
2	BUILDING	TRANSITIONAL	5604.1	100	3.8	TO REMAIN
3	POWER POLE	TRANSITIONAL	5609.2	25	15.3	TO BE REMOVED
4	FENCE	PRIMARY	5596.1	4400	9.8	TO BE REMOVED
5	TREE	TRANSITIONAL	5616.8	900	19.6	TO BE REMOVED
6	FENCE	TRANSITIONAL	5620.4	8800	23.8	TO BE REMOVED
7	TREE	TRANSITIONAL	5644.2	125	8.4	TO BE REMOVED
8	AWOS	TRANSTIONAL	5630.3	25	18.7	TO BE REMOVED
9	TREE	TRANSITIONAL	5684.7	300	27.0	TO BE REMOVED
10	HANGAR	TRANSITIONAL	5666.0	10800	20.0	TO BE REMOVED
11	HANGAR	PRIMARY	5653.4	1275	19.9	TO BE REMOVED
12	HANGAR	PRIMARY	5654.7	58600	15.6	TO BE REMOVED
13	ROAD	PRIMARY	5654.8	11675	14.0	TO BE REMOVED
14	ROAD	TRANSITIONAL	5655.3	19875	14.0	TO BE REMOVED
15	HANGAR	APPROACH	5654.5	800	13.6	TO BE REMOVED
16	ROAD	APPROACH	5656.0	9325	13.9	TO BE REMOVED
17	HANGAR	TRANSITIONAL	5669.2	1350	4.2	TO BE REMOVED
18	HANGAR	TRANSITIONAL	5670.1	1925	4.7	TO BE REMOVED
19	TREE	APPROACH	5696.2	25	3.6	TO BE REMOVED
20	TERRAIN	APPROACH	6213.1	1823750	422.3	TO REMAIN
21	TERRAIN	HORIZONTAL	7163.5	63283475	1372.6	TO REMAIN
22	TERRAIN	CONICAL	7309.8	88264825	1321.5	TO REMAIN
23	ROAD	HORIZONTAL	5847.7	3850	56.8	TO REMAIN
24	TERRAIN AND ROADS	HORIZONTAL	5900.4	8977525	109.6	TO REMAIN
25	TERRAIN AND ROADS	CONICAL	5912.0	5265100	110.7	TO REMAIN
26	TERRAIN	CONICAL	6195.9	1975950	216.5	TO REMAIN

PART 77 OBSTRUCTION
FEET ABOVE PART 77 SURFACE

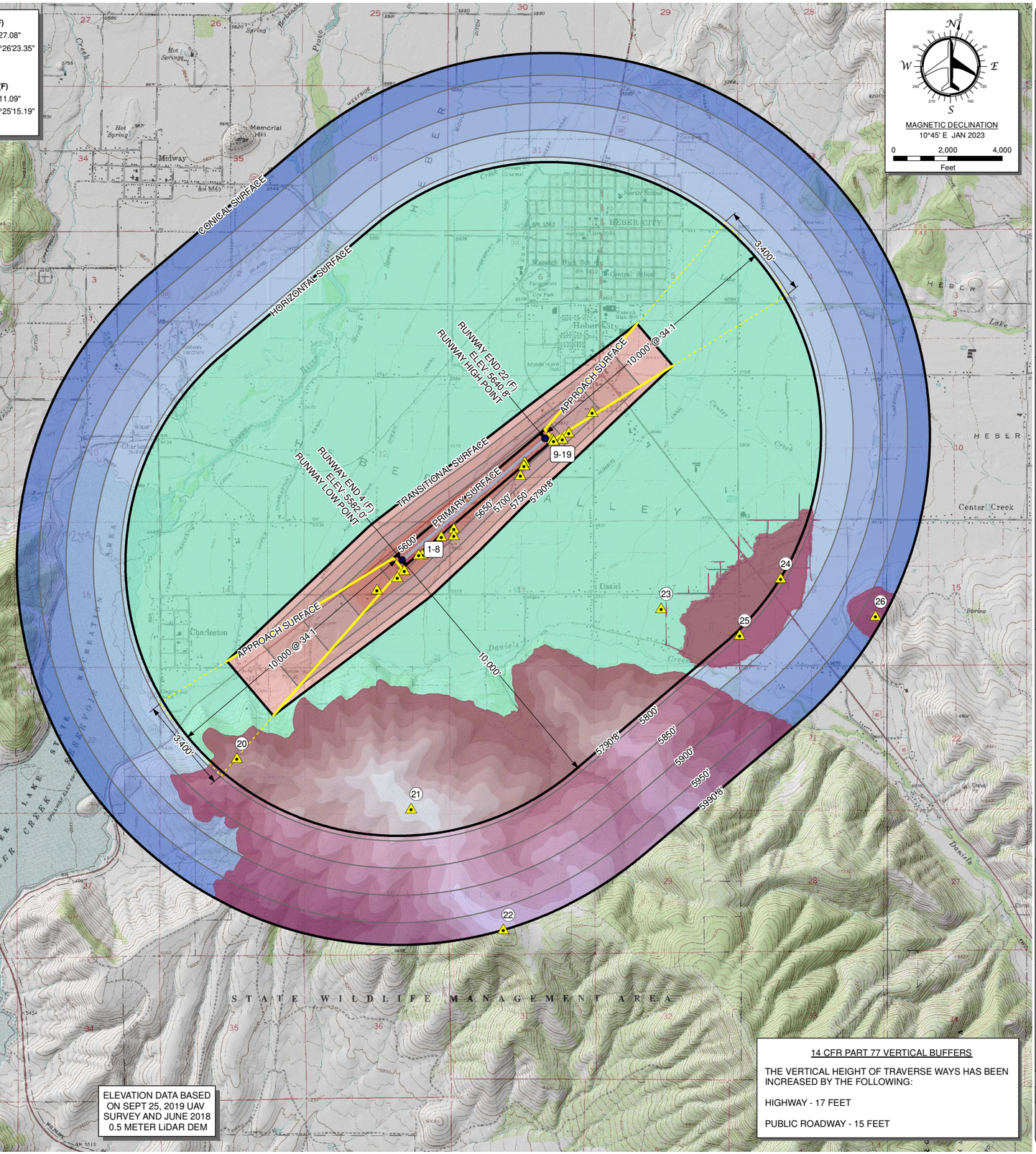
0'- 200' | 200' - 400' | 400' - 600' | 600' - 800' | 800' - 1,000' | 1,000' - 1,200' | 1,200' - 1,372.6'

RUNWAY

MAXIMUM PART 77 PENETRATION

PART 77 SURFACE ELEVATION (MSL)

PRIMARY: 5,582.0'
TRANSITIONAL: 5,582.0' - 5,600' | 5,600.1' - 5,640.83' | 5,640.84' - 5,650' | 5,650.1' - 5,700' | 5,700.1' - 5,750' | 5,750.1' - 5,790.7'
HORIZONTAL: 5,790.83' | 5,790.9' - 5,800' | 5,800.1' - 5,850' | 5,850.1' - 5,900' | 5,900.1' - 5,950' | 5,950.1' - 5,990.83'
CONICAL



ELEVATION DATA BASED ON SEPT 25, 2019 UAV SURVEY AND JUNE 2018 0.5 METER LiDAR DEM

14 CFR PART 77 VERTICAL BUFFERS

THE VERTICAL HEIGHT OF TRAVERSE WAYS HAS BEEN INCREASED BY THE FOLLOWING:

HIGHWAY - 17 FEET

PUBLIC ROADWAY - 15 FEET

BORDER SIZE 11"X17"
DESIGNED
DRAFT
DRAWN BRC
CHECKED D
BWC
APPROVED JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

A.I.P NO.: 3-49-001-031-2019

AIRPORT AIRSPACE
FUTURE CONDITIONS
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 4
5 OF 21

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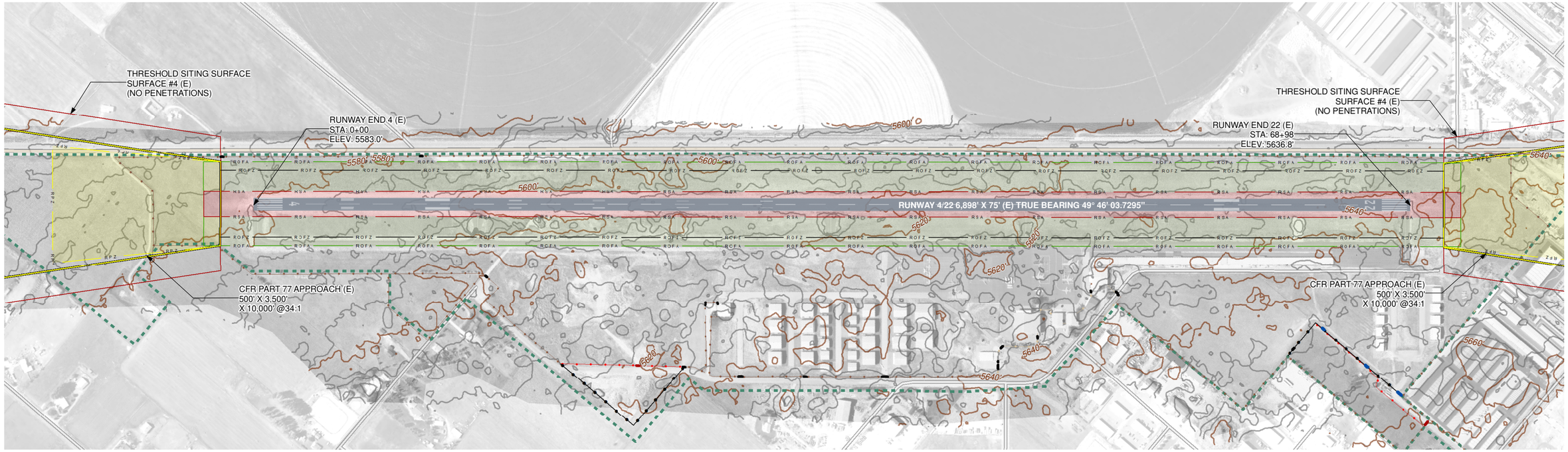
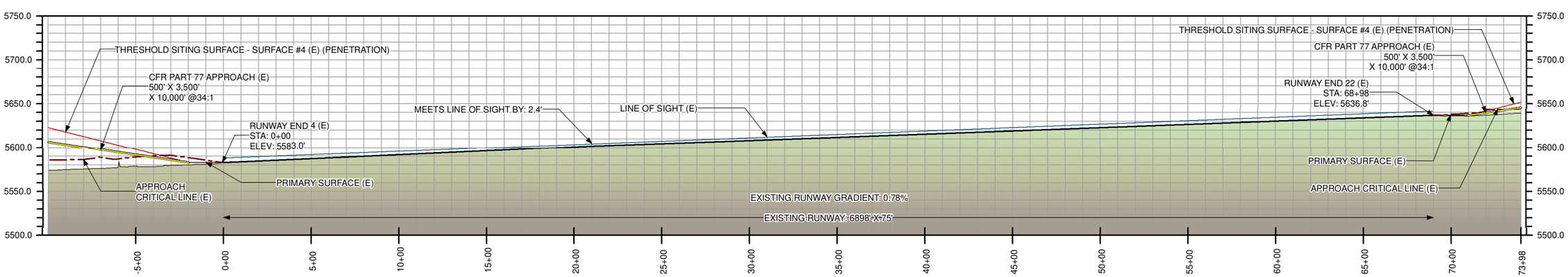




LEGEND

ITEM EXISTING	ITEM FUTURE	DESCRIPTION	ITEM EXISTING	ITEM FUTURE	DESCRIPTION
APPROACH/DEPARTURE SURFACE			***SAFETY AREAS***		
	X	APPROACH CRITICAL LINE	RSA	X	RUNWAY SAFETY AREA (RSA)
	X	PROJECTED RUNWAY CENTERLINE	ROFA	X	RUNWAY OBJECT FREE AREA (ROFA)
	X	THRESHOLD SITING SURFACE	RPZ	X	RUNWAY PROTECTION ZONE (RPZ)
FENCE			ROFZ	X	RUNWAY OBSTACLE FREE ZONE (ROFZ)
		CHAINLINK FENCE (7.0')	***PART 77 SURFACE***		
		FENCE TO BE REMOVED		X	CFR PART 77 APPROACH
		WIRE FENCE (8.0')		X	PRIMARY
		GATE	***5FT CONTOURS***		
PAVEMENT					MAJOR CONTOUR
		ROAD			MINOR CONTOUR
	X	RUNWAY	***MISCELLANEOUS***		
					AIRPORT BOUNDARY

ELEVATION DATA BASED
ON SEPT 25, 2019 UAV
SURVEY AND JUNE 2018
0.5 METER LiDAR DEM

MAGNETIC DECLINATION
10°45' E JAN 2023

0 300 600
Feet

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN NXM
CHECKED
APPROVED BWG
JLM

REVISIONS

NO.	DESCRIPTION	DATE:

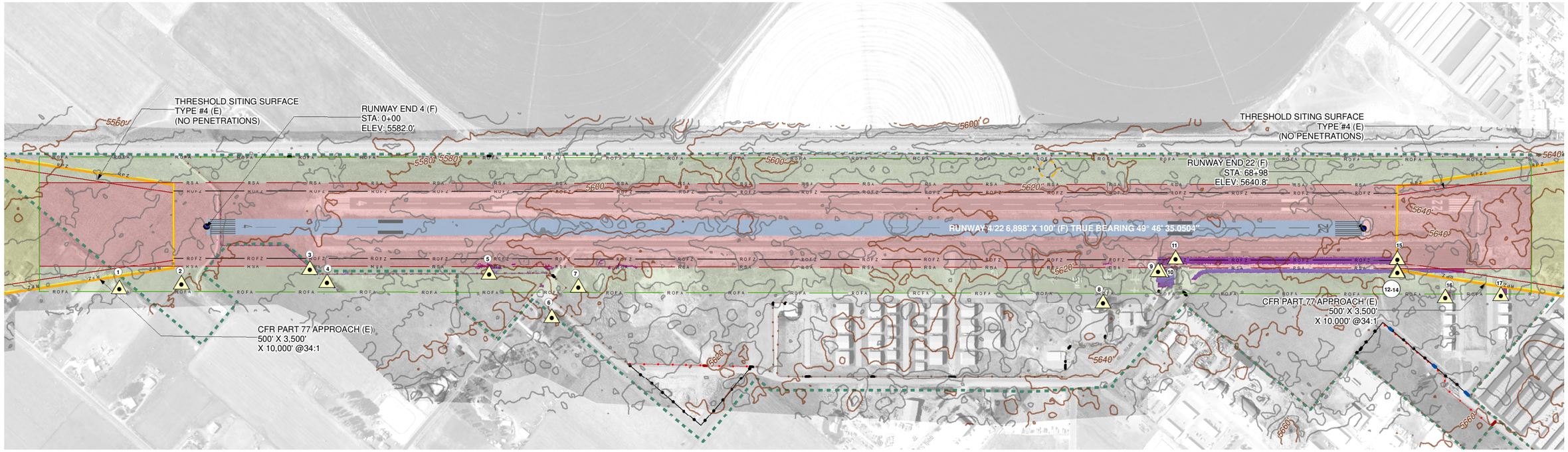
ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

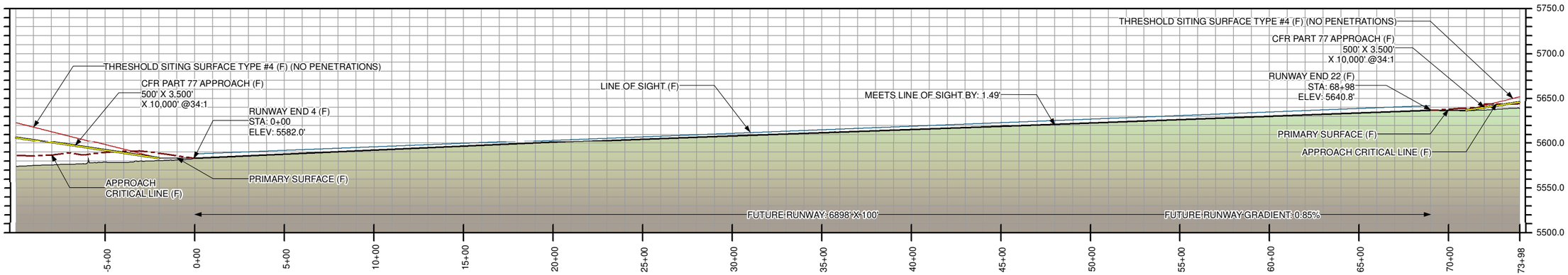
A.I.P. NO.: 3-49-001-031-2019

INNER PORTION OF
THE APPROACH SURFACE
EXISTING RUNWAY DETAIL
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 5A
6 OF 21

Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_5A_DETAIL.mxd





LEGEND

ITEM EXISTING	ITEM FUTURE	DESCRIPTION	ITEM EXISTING	ITEM FUTURE	DESCRIPTION	ITEM EXISTING	ITEM FUTURE	DESCRIPTION
APPROACH/DEPARTURE SURFACE			***FENCE***			***SAFETY AREAS***		
X		APPROACH CRITICAL LINE			CHAINLINK FENCE (7.0')	X	RSA	RUNWAY SAFETY AREA (RSA)
X		PROJECTED RUNWAY CENTERLINE			FENCE TO BE REMOVED	X	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
X		THRESHOLD SITING SURFACE			WIRE FENCE (8.0')	X	RPZ	RUNWAY PROTECTION ZONE (RPZ)
X		MAXIMUM HEIGHT PENETRATION			GATE	X	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)
PART 77 SURFACE			***5FT CONTOURS***			***PAVEMENT***		
X		CFR PART 77 APPROACH			MAJOR CONTOUR			ROAD
X		PRIMARY			MINOR CONTOUR	X		RUNWAY
OBSTRUCTION						***MISCELLANEOUS***		
								AIRPORT BOUNDARY

0' - 5' 5' - 10' 10' - 15' 15' - 20' 20' - 25' 25' - 30'

OBSTRUCTION TABLE

REF #	OBJECT DESCRIPTION	SURFACE AFFECTED	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
2	BUILDING	TRANSITIONAL	5604.1	100	3.8	TO REMAIN
3	POWER POLE	TRANSITIONAL	5609.2	25	15.3	TO BE REMOVED
4	FENCE	PRIMARY	5596.1	4400	9.8	TO BE REMOVED
5	TREE	TRANSITIONAL	5616.8	900	19.6	TO BE REMOVED
6	FENCE	TRANSITIONAL	5620.4	8800	23.8	TO BE REMOVED
7	TREE	TRANSITIONAL	5644.2	125	8.4	TO BE REMOVED
8	AWOS	TRANSTIONAL	5630.3	25	18.7	TO BE REMOVED
9	TREE	TRANSITIONAL	5684.7	300	27.0	TO BE REMOVED
10	HANGAR	TRANSITIONAL	5666.0	10800	20.0	TO BE REMOVED
11	HANGAR	PRIMARY	5653.4	1275	19.9	TO BE REMOVED
12	HANGAR	PRIMARY	5654.7	58600	15.6	TO BE REMOVED
13	ROAD	PRIMARY	5654.8	11675	14.0	TO BE REMOVED
14	ROAD	TRANSITIONAL	5655.3	19875	14.0	TO BE REMOVED
15	HANGAR	APPROACH	5654.5	800	13.6	TO BE REMOVED
16	ROAD	APPROACH	5656.0	9325	13.9	TO BE REMOVED
17	HANGAR	TRANSITIONAL	5669.2	1350	4.2	TO BE REMOVED
18	HANGAR	TRANSITIONAL	5670.1	1925	4.7	TO BE REMOVED

ELEVATION DATA BASED ON SEPT 25, 2019 UAV SURVEY AND JUNE 2018 0.5 METER LiDAR DEM

MAGNETIC DECLINATION
10°45' E JAN 2023

0 300 600
Feet

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN NXM
CHECKED
APPROVED BWC JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168 WWW.ARDURRA.COM

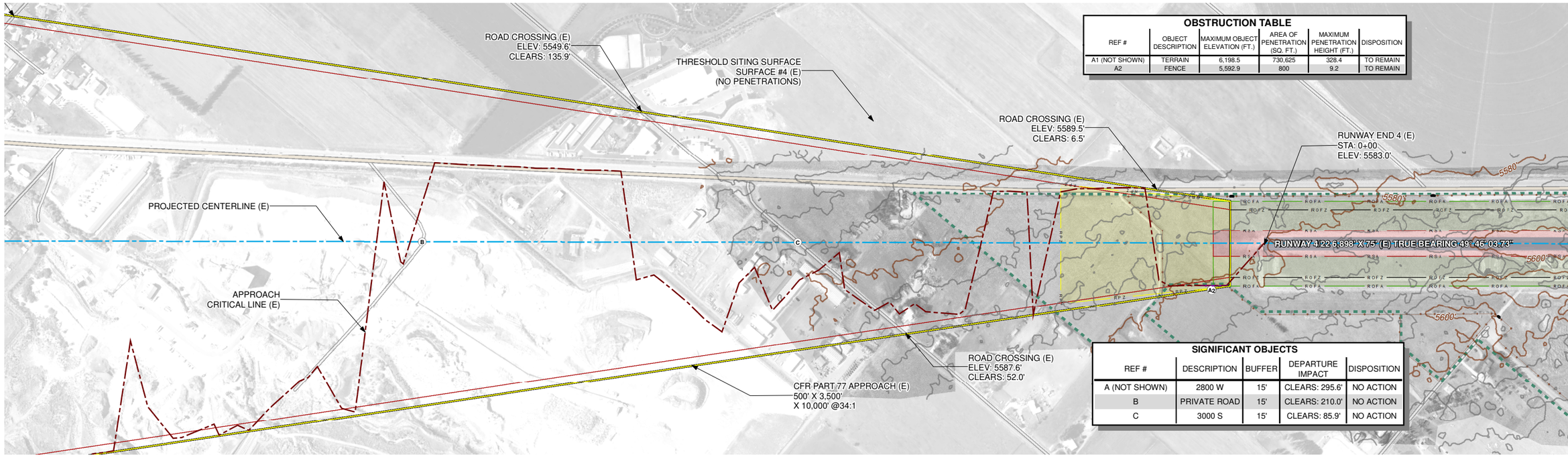
A.I.P. NO.: 3-49-001-031-2019

INNER PORTION OF THE APPROACH SURFACE FUTURE RUNWAY DETAIL

HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 5B
X OF XX

Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_5B_DETAIL.mxd

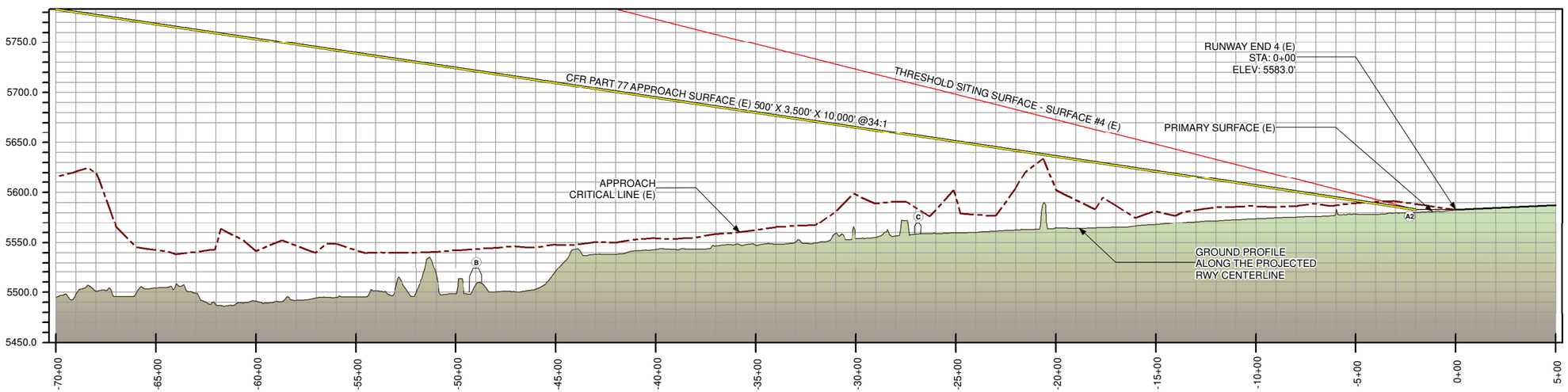


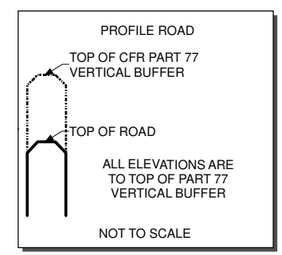
OBSTRUCTION TABLE

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
A1 (NOT SHOWN)	TERRAIN	6,198.5	730,625	328.4	TO REMAIN
A2	FENCE	5,592.9	800	9.2	TO REMAIN

SIGNIFICANT OBJECTS

REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION
A (NOT SHOWN)	2800 W	15'	CLEARS: 295.6'	NO ACTION
B	PRIVATE ROAD	15'	CLEARS: 210.0'	NO ACTION
C	3000 S	15'	CLEARS: 85.9'	NO ACTION



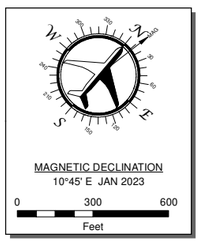


LEGEND

ITEM EXISTING	ITEM FUTURE	DESCRIPTION
APPROACH SURFACE		
	X	APPROACH CRITICAL LINE
	X	PROJECTED RUNWAY CENTERLINE
	X	THRESHOLD SITING SURFACE
PART 77 SURFACE		
	X	CFR PART 77 APPROACH
	X	PRIMARY
SAFETY AREAS		
RSA	X	RUNWAY SAFETY AREA (RSA)
ROFA	X	RUNWAY OBJECT FREE AREA (ROFA)
RPZ	X	RUNWAY PROTECTION ZONE (RPZ)
ROFZ	X	RUNWAY OBSTACLE FREE ZONE (ROFZ)

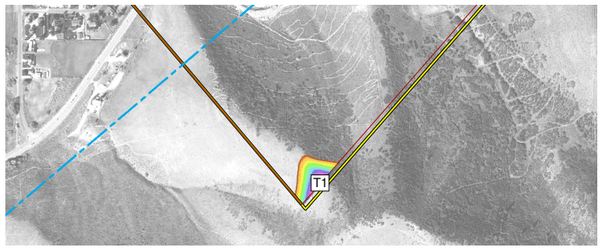
ITEM EXISTING	ITEM FUTURE	DESCRIPTION
FENCE		
		CHAINLINK FENCE (7.0')
		FENCE TO BE REMOVED
		WIRE FENCE (8.0')
		GATE
5FT CONTOURS		
		MAJOR CONTOUR
		MINOR CONTOUR
PAVEMENT		
		ROAD
	X	RUNWAY

ITEM EXISTING	ITEM FUTURE	DESCRIPTION
THRESHOLD SITING SURFACE OBSTRUCTIONS		
		0' - 10'
		10' - 20'
		20' - 30'
		30' - 40'
		40' - 50'
		50' - 60'
		60' - 70'
		70' - 80'
		80' - 90'
		90' - 107.5
MISCELLANEOUS		
		AIRPORT BOUNDARY



RUNWAY 4 EXISTING THRESHOLD SITING SURFACE OBSTRUCTION CHART (SEE OBSTRUCTIONS BELOW CHART)

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
T1	TERRAIN	6178.6	251550	107.5	TO REMAIN



BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN NXM
CHECKED TD
APPROVED BWC
JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

A.I.P. NO.: 3-49-001-031-2019

INNER PORTION OF
THE APPROACH SURFACE
EXISTING RUNWAY END 4
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 5C
8 OF 21

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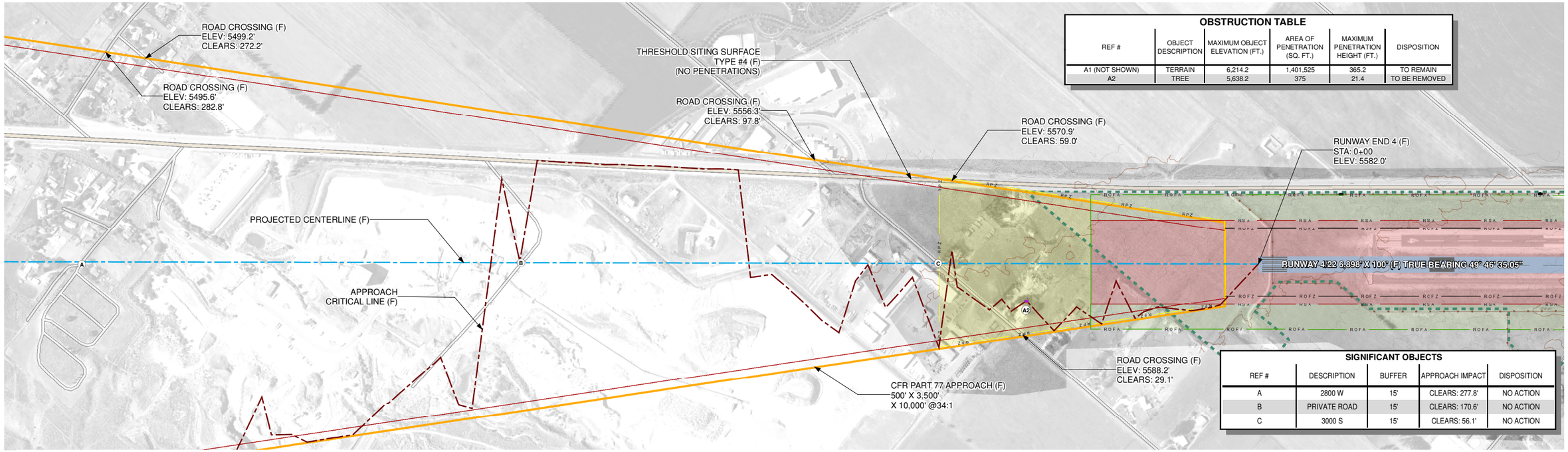
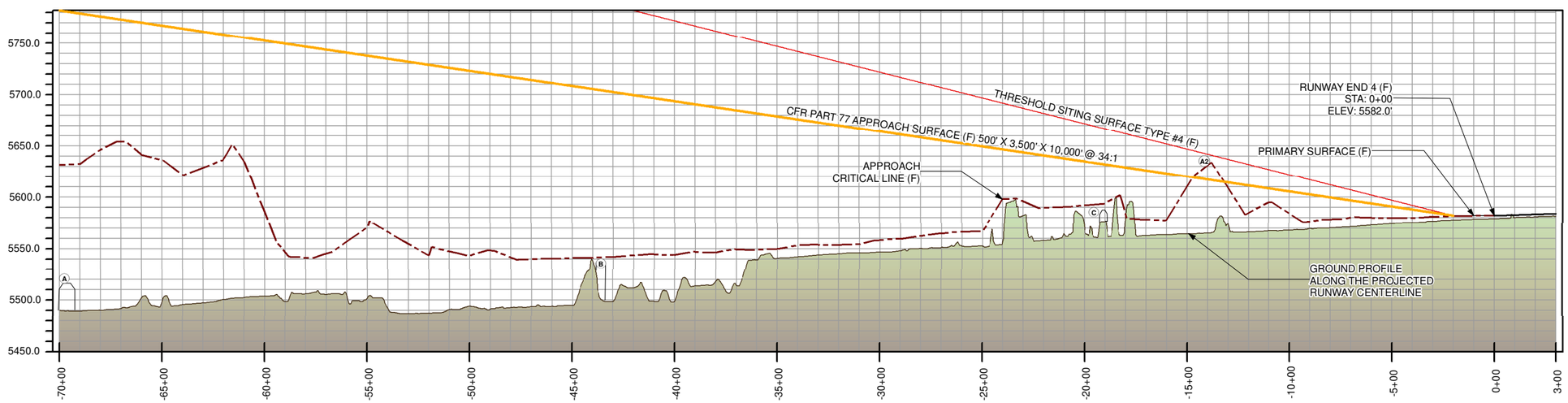


OBSTRUCTION TABLE

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
A1 (NOT SHOWN)	TERRAIN	6,214.2	1,401,525	365.2	TO REMAIN
A2	TREE	5,638.2	375	21.4	TO BE REMOVED

SIGNIFICANT OBJECTS

REF #	DESCRIPTION	BUFFER	APPROACH IMPACT	DISPOSITION
A	2800 W	15'	CLEARS: 277.8'	NO ACTION
B	PRIVATE ROAD	15'	CLEARS: 170.6'	NO ACTION
C	3000 S	15'	CLEARS: 56.1'	NO ACTION



LEGEND

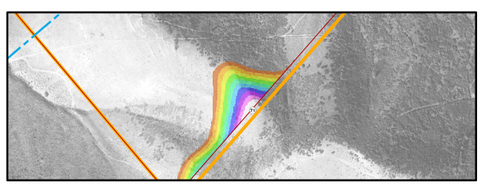
ITEM EXISTING	ITEM FUTURE	DESCRIPTION
APPROACH SURFACE		
X		APPROACH CRITICAL LINE
X		PROJECTED RUNWAY CENTERLINE
X		THRESHOLD SITING SURFACE
PART 77 SURFACE		
X		CFR PART 77 APPROACH
X		PRIMARY
SAFETY AREAS		
X	RSA	RUNWAY SAFETY AREA (RSA)
X	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
X	RPZ	RUNWAY PROTECTION ZONE (RPZ)
X	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)

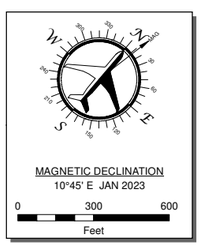
ITEM EXISTING	ITEM FUTURE	DESCRIPTION
FENCE		
		CHAINLINK FENCE (7.0')
		FENCE TO BE REMOVED
		WIRE FENCE (8.0')
		GATE
5FT CONTOURS		
		MAJOR CONTOUR
		MINOR CONTOUR
PAVEMENT		
		ROAD
X		RUNWAY

ITEM EXISTING	ITEM FUTURE	DESCRIPTION
THRESHOLD SITING SURFACE OBSTRUCTIONS		
0' - 15'		
15' - 30'		
30' - 45'		
45' - 60'		
60' - 75'		
75' - 90'		
90' - 105'		
105' - 120'		
120' - 135'		
135' - 157.0'		
MISCELLANEOUS		
		AIRPORT BOUNDARY

RUNWAY 4 FUTURE THRESHOLD SITING SURFACE OBSTRUCTION CHART (SEE OBSTRUCTIONS BELOW CHART)

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
T1	TERRAIN	6193.0	249725	157.0	TO REMAIN





BORDER SIZE 11"X17"
DESIGNED
DRAFT
DRAWN NXM
CHECKED
BWC
APPROVED JLM

REVISIONS

NO.	DESCRIPTION	DATE:

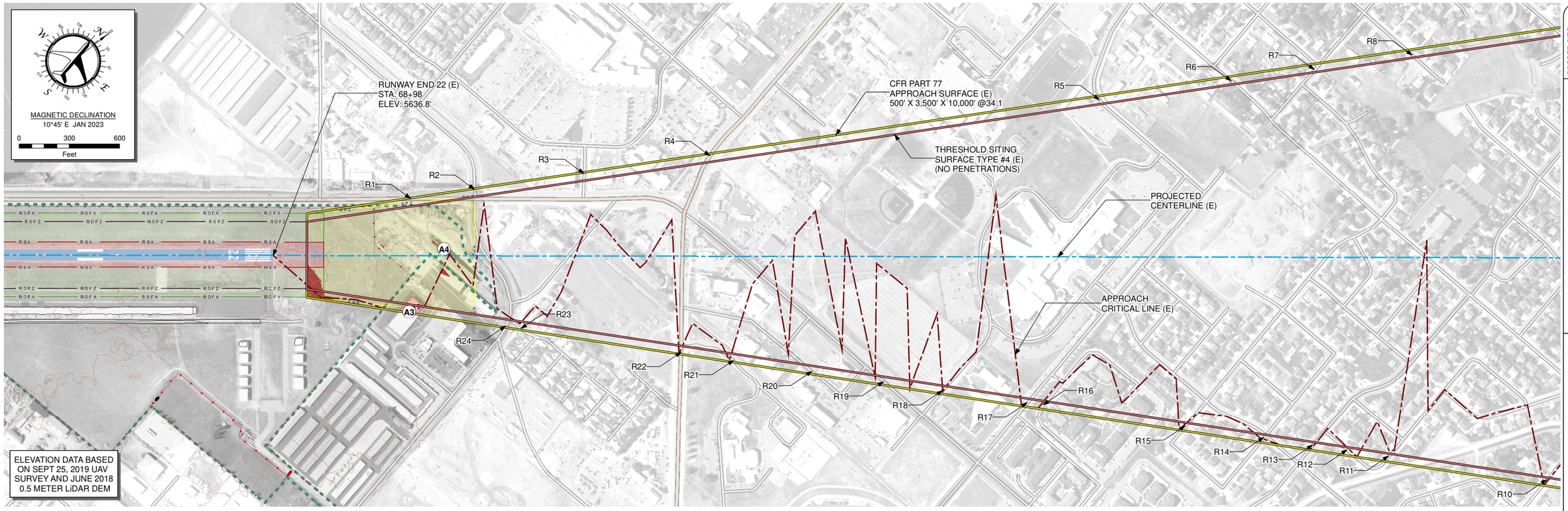
ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

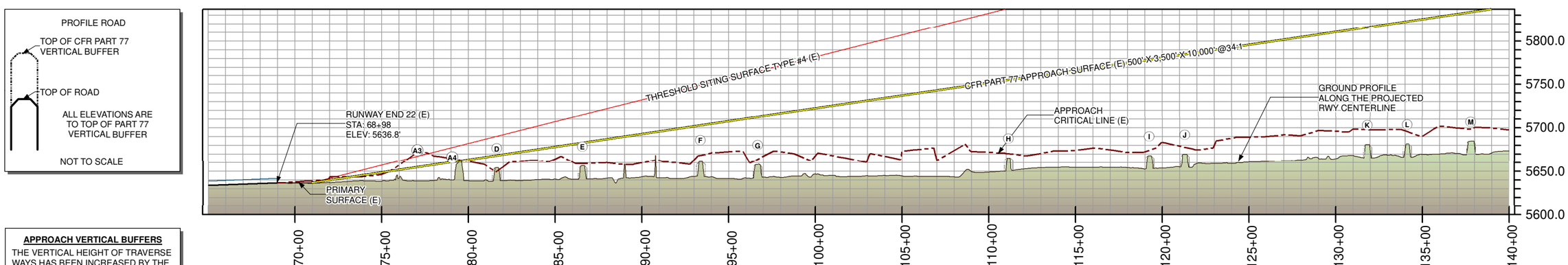
A.I.P. NO.: 3-49-001-031-2019

INNER PORTION OF
THE APPROACH SURFACE
FUTURE RUNWAY END 4
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 5D
9 OF 21

Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_5D_RWY4_F.mxd





APPROACH VERTICAL BUFFERS

THE VERTICAL HEIGHT OF TRAVERSE WAYS HAS BEEN INCREASED BY THE FOLLOWING:

HIGHWAY - 17 FEET
PUBLIC ROADWAY - 15 FEET
RAILROAD - 23 FEET

OBSTRUCTIONS

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
A3	BUILDING	5,672.0	8,675	17.0	TO REMAIN
A4	BUILDING	5,665.1	225	3.8	TO REMAIN

LEGEND

ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
APPROACH SURFACE		***PART 77 SURFACE***		***SAFETY AREAS***	
	APPROACH CRITICAL LINE		CFR PART 77 APPROACH	RSA	RUNWAY SAFETY AREA (RSA)
	PROJECTED RUNWAY CENTERLINE		PRIMARY	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
	THRESHOLD SITING SURFACE	***MISCELLANEOUS***		RPZ	RUNWAY PROTECTION ZONE (RPZ)
PAVEMENT			AIRPORT BOUNDARY	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)
	RUNWAY	***FENCE***		***OBSTRUCTIONS***	
	ROAD		CHAINLINK FENCE		
2FT CONTOURS			WIRE FENCE		
	MAJOR CONTOUR		TBR FENCE	0'- 2' 2' - 4' 4' - 6' 6' - 8' 8' - 10' 10' - 12' 12' - 14' 14' - 16' 16' - 17'	
	MINOR CONTOUR		GATE		

SIGNIFICANT OBJECTS

REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION	REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION
D	1300 S	15'	CLEARS: 14.3'	NO ACTION	K	620 E	15'	CLEARS: 135.3'	NO ACTION
E	DANIELS RD	15'	CLEARS: 26.4'	NO ACTION	L	630 S	15'	CLEARS: 141.2'	NO ACTION
F	HIGHWAY 40	17'	CLEARS: 41.6'	NO ACTION	M	600 S	15'	CLEARS: 148.8'	NO ACTION
G	1200 S	15'	CLEARS: 54.7'	NO ACTION	N	820 E	15'	CLEARS: 157.9'	NO ACTION
H	PRIVATE ROAD	15'	CLEARS: 89.6'	NO ACTION	O	900 E	15'	CLEARS: 163.4'	NO ACTION
I	PRIVATE ROAD	15'	CLEARS: 111.0'	NO ACTION	P	500 S	15'	CLEARS: 165.8'	NO ACTION
J	500 E	15'	CLEARS: 115.3'	NO ACTION					

ROAD CROSSINGS

REF #	DESCRIPTION	ELEVATION	CLEARS / PENETRATES	REF #	DESCRIPTION	ELEVATION	CLEARS / PENETRATES
R1	HWY CROSSING	5,651.7	3.2	R13	ROAD CROSSING	5,698.2	115.3
R2	ROAD CROSSING	5,650.1	16.0	R14	ROAD CROSSING	5,694.4	110.5
R3	ROAD CROSSING	5,647.7	37.7	R15	ROAD CROSSING	5,688.1	103.0
R4	HWY CROSSING	5,649.3	58.2	R16	ROAD CROSSING	5,676.5	89.7
R5	ROAD CROSSING	5,656.8	119.1	R17	ROAD CROSSING	5,676.5	86.9
R6	ROAD CROSSING	5,661.8	137.3	R18	ROAD CROSSING	5,673.0	75.5
R7	ROAD CROSSING	5,664.6	149.1	R19	ROAD CROSSING	5,670.5	67.5
R8	ROAD CROSSING	5,668.6	162.3	R20	ROAD CROSSING	5,668.6	56.9
R9	ROAD CROSSING	5,722.4	162.0	R21	ROAD CROSSING	5,666.1	45.6
R10	ROAD CROSSING	5,709.7	145.0	R22	HWY CROSSING	5,669.5	33.1
R11	ROAD CROSSING	5,701.7	125.1	R23	ROAD CROSSING	5,662.3	12.1
R12	ROAD CROSSING	5,697.3	122.2	R24	ROAD CROSSING	5,662.9	8.8

Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_5E_RWY22_E.mxd

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN MRR
CHECKED BWC
APPROVED JLM

REVISIONS

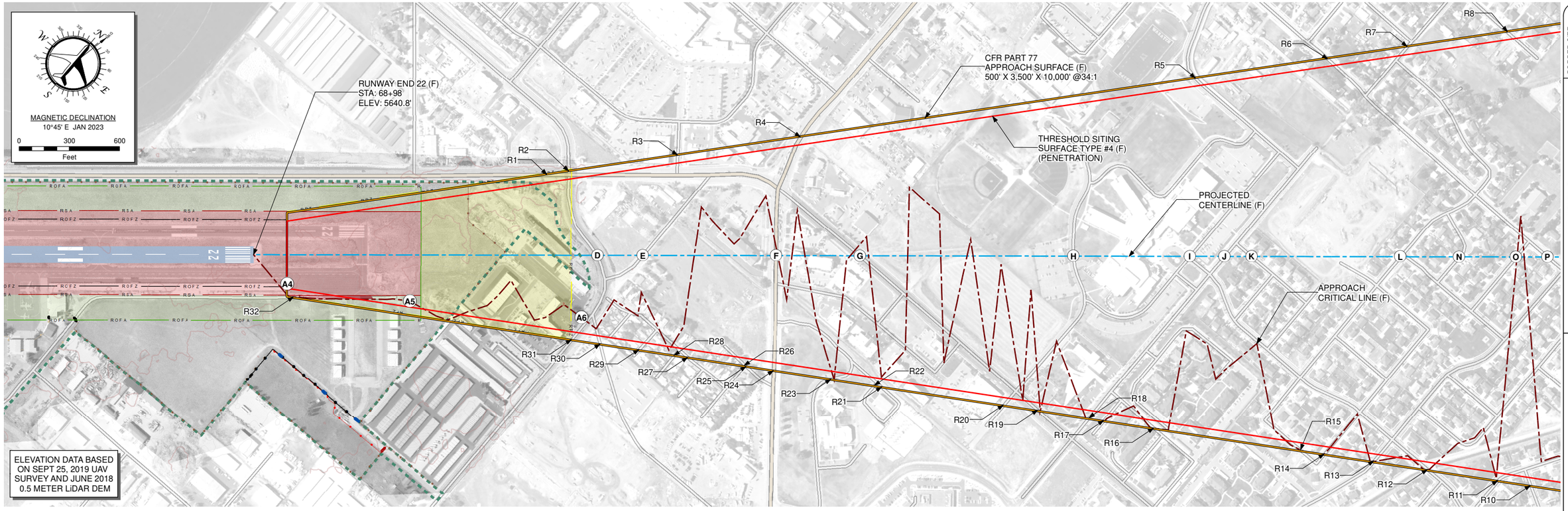
NO.	DESCRIPTION	DATE:

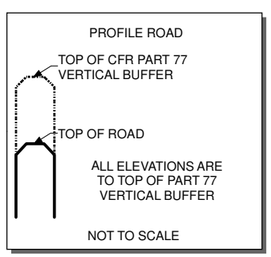
ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

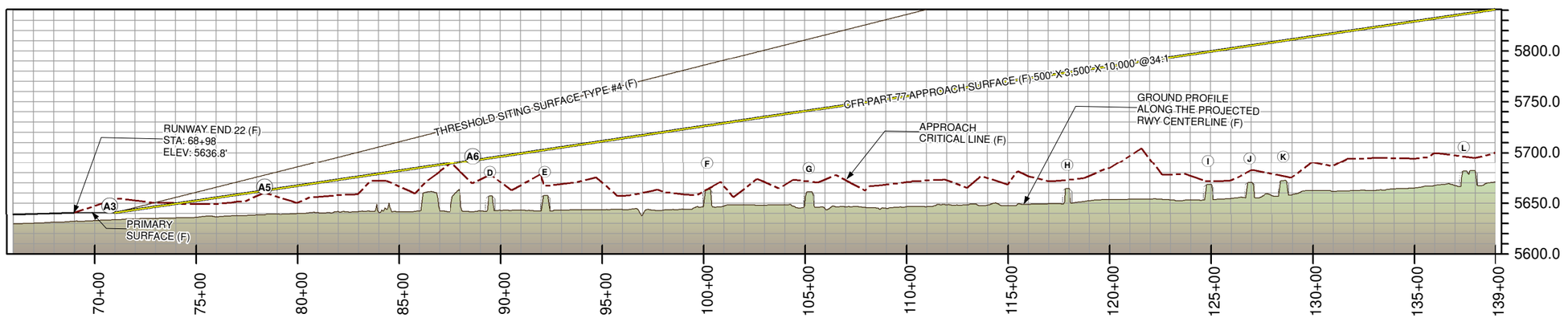
A.I.P. NO.: 3-49-001-031-2019

INNER PORTION OF
THE APPROACH SURFACE
EXISTING RUNWAY END 22
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 5E







APPROACH VERTICAL BUFFERS

THE VERTICAL HEIGHT OF TRAVERSE WAYS HAS BEEN INCREASED BY THE FOLLOWING:

HIGHWAY - 17 FEET
PUBLIC ROADWAY - 15 FEET
RAILROAD - 23 FEET

OBSTRUCTIONS (TSS)

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
T2	BUILDING	5,654.5	500	13.4	TO BE REMOVED

OBSTRUCTIONS

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
A3	TERRAIN	5,656.0	9,325	13.9	TO BE REMOVED
A4	BUILDING	5,654.5	750	13.7	TO BE REMOVED
A5	TREE	5,665.5	25	3.1	TO BE REMOVED
A6	TREE	5,696.2	25	3.6	TO BE REMOVED

ROAD CROSSINGS

REF #	DESCRIPTION	ELEVATION	CLEARS / PENETRATES	REF #	DESCRIPTION	ELEVATION	CLEARS / PENETRATES
R1	HWY CROSSING	5,652.4	34.0	R18	ROAD CROSSING	5,677.9	103.8
R2	ROAD CROSSING	5,650.6	39.6	R19	ROAD CROSSING	5,676.3	96.4
R3	ROAD CROSSING	5,649.2	60.1	R20	ROAD CROSSING	5,675.3	91.4
R4	HWY CROSSING	5,649.6	81.3	R21	ROAD CROSSING	5,671.9	73.3
R5	ROAD CROSSING	5,657.4	142.9	R22	ROAD CROSSING	5,671.8	72.2
R6	ROAD CROSSING	5,662.2	161.3	R23	ROAD CROSSING	5,669.6	66.5
R7	ROAD CROSSING	5,664.7	172.8	R24	HWY CROSSING	5,673.6	52.7
R8	ROAD CROSSING	5,668.8	186.3	R25	ROAD CROSSING	5,669.8	51.6
R9	ROAD CROSSING	5,711.9	160.8	R26	ROAD CROSSING	5,669.7	51.3
R11	ROAD CROSSING	5,705.7	147.9	R27	ROAD CROSSING	5,669.8	41.4
R12	ROAD CROSSING	5,706.5	134.7	R28	ROAD CROSSING	5,669.2	39.6
R13	ROAD CROSSING	5,699.9	131.8	R29	ROAD CROSSING	5,667.6	35.0
R14	ROAD CROSSING	5,695.2	127.8	R30	ROAD CROSSING	5,667.1	28.7
R15	ROAD CROSSING	5,694.0	124.8	R31	ROAD CROSSING	5,666.2	24.5
R16	ROAD CROSSING	5,684.1	109.0	R32	ROAD CROSSING	5,654.7	-12.9
R17	ROAD CROSSING	5,684.2	100.1				

SIGNIFICANT OBJECTS

REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION	REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION
D	1300 S	15'	CLEARS: 37.9'		K	840 S	15'	CLEARS: 137.8'	
E	DANIELS RD	15'	CLEARS: 45.6'		L	620 E	15'	CLEARS: 154.7'	
F	HIGHWAY 40	17'	CLEARS: 62.9'		M	680 S	15'	CLEARS: 155.5'	
G	1200 S	15'	CLEARS: 80.2'		N	650 E	15'	CLEARS: 163.2'	
H	PRIVATE ROAD	15'	CLEARS: 114.1'		O	680 E	15'	CLEARS: 170.9'	
I	PRIVATE ROAD	15'	CLEARS: 130.9'		P	600 S	15'	CLEARS: 174.6'	
J	500 E	15'	CLEARS: 135.1'						

LEGEND

ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
APPROACH SURFACE		***PART 77 SURFACE***		***SAFETY AREAS***	
	APPROACH CRITICAL LINE		CFR PART 77 APPROACH	RSA	RUNWAY SAFETY AREA (RSA)
	PROJECTED RUNWAY CENTERLINE		PRIMARY	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
	THRESHOLD SITING SURFACE	***MISCELLANEOUS***		RPZ	RUNWAY PROTECTION ZONE (RPZ)
PAVEMENT			AIRPORT BOUNDARY	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)
	RUNWAY	***FENCE***		***OBSTRUCTIONS***	
	ROAD		CHAINLINK FENCE		
2FT CONTOURS			WIRE FENCE	0' - 2' / 2' - 4' / 4' - 6' / 6' - 8' / 8' - 10' / 10' - 12' / 12' - 13.9'	
	MAJOR CONTOUR		TBR FENCE		
	MINOR CONTOUR		GATE		

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BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN MRR
CHECKED
APPROVED BWC JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

A.I.P. NO.: 3-49-001-031-2019

INNER PORTION OF
THE APPROACH SURFACE
FUTURE RUNWAY END 22
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 5F
11 OF 21

MAGNETIC DECLINATION
10°45' E JAN 2023

0 1,000 2,000
Feet

SIGNIFICANT OBJECTS

REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION
D	1300 S	15'	CLEARS: 14.7'	NO ACTION
E	DANIELS RD	15'	CLEARS: 24.6'	NO ACTION
F	HWY 40	17'	CLEARS: 36.7'	NO ACTION
G	1200 S	15'	CLEARS: 48.4'	NO ACTION
H	HIGH SCHOOL RD	15'	CLEARS: 76.9'	NO ACTION
I	HIGH SCHOOL RD	15'	CLEARS: 94.7'	NO ACTION
J	500 E	15'	CLEARS: 98.2'	NO ACTION
K	620 E	15'	CLEARS: 113.5'	NO ACTION
L	E 630 S	15'	CLEARS: 118.4'	NO ACTION
N	E 6TH S	15'	CLEARS: 131.6'	NO ACTION
M	S 820 E	15'	CLEARS: 124.4'	NO ACTION
O	S 900 E	15'	CLEARS: 136.2'	NO ACTION
P	E 500 S	15'	CLEARS: 137.9'	NO ACTION
Q	E 4TH S	15'	CLEARS: 140.1'	NO ACTION
R	GRIST MILL RD	15'	CLEARS: 148.3'	NO ACTION
S	MILL RD	15'	CLEARS: 151.7'	NO ACTION
T	E CENTER ST	15'	CLEARS: 184.7'	NO ACTION
U	HAYSTACK MOUNTAIN DR	15'	CLEARS: 179.5'	NO ACTION

DEPARTURE OBSTUCTION

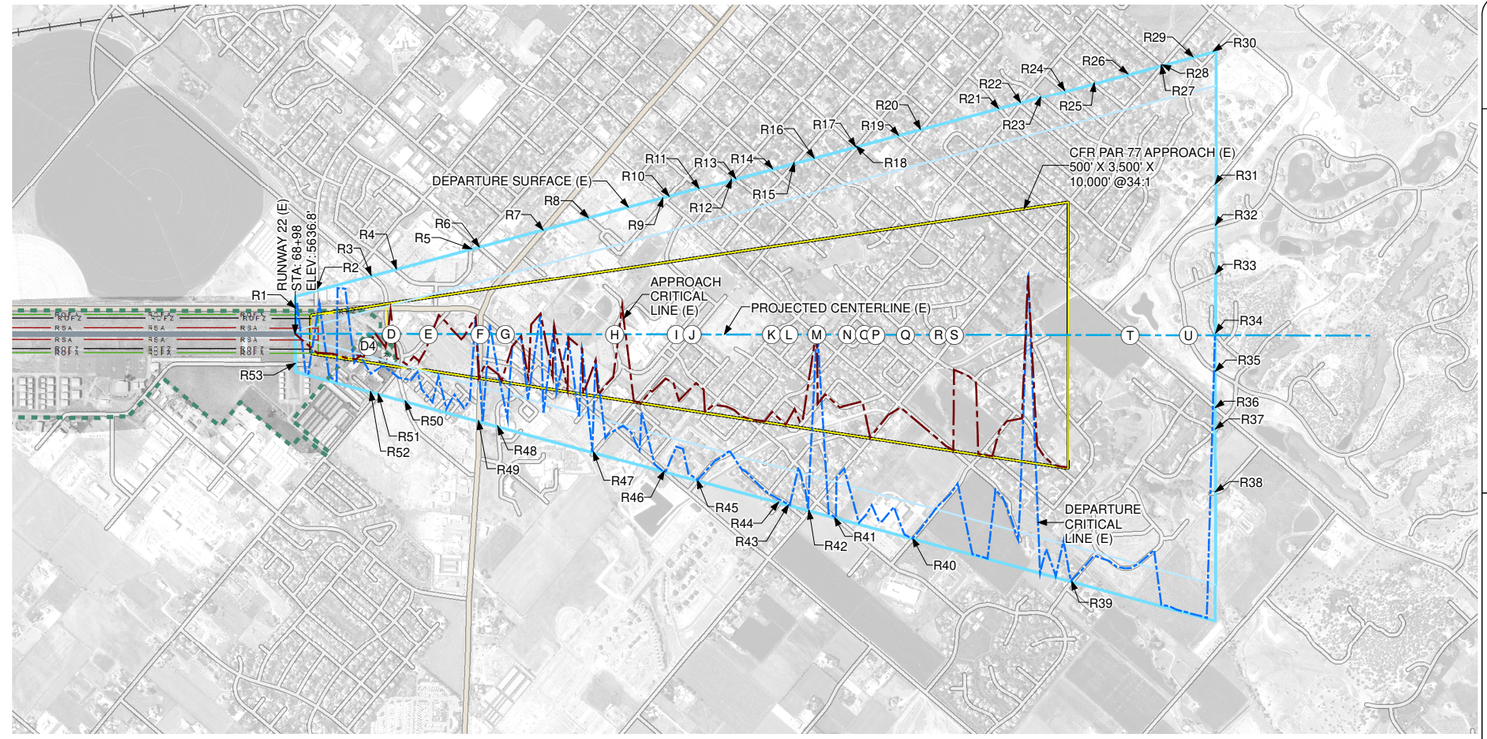
REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
D4	BUILDING	5672.0	7582625	598.0	TO REMAIN

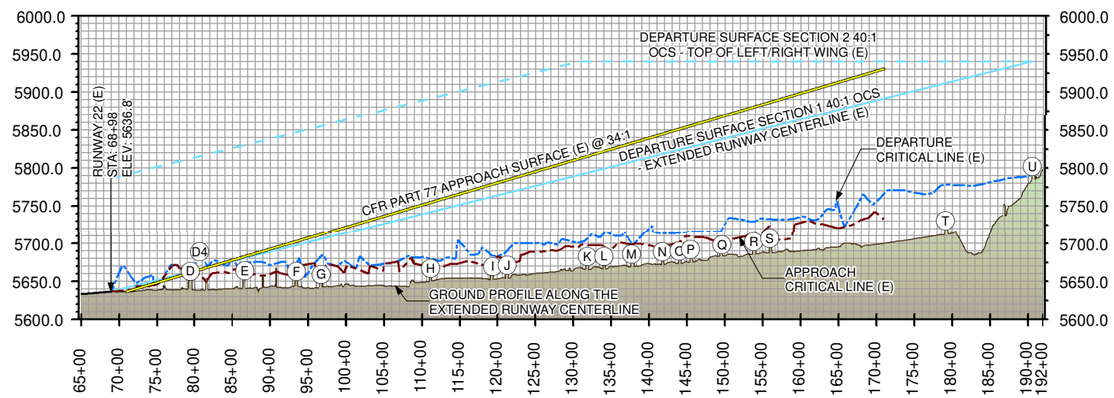
LEGEND

ITEM	DESCRIPTION	ITEM	DESCRIPTION
APPROACH/DEPARTURE SURFACE		***SAFETY AREAS***	
	APPROACH CRITICAL LINE	RSA	RUNWAY SAFETY AREA (RSA)
	DEPARTURE CRITICAL LINE	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
	DEPARTURE SURFACE	RPZ	RUNWAY PROTECTION ZONE (RPZ)
	PROJECTED RUNWAY CENTERLINE	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)
PART 77 SURFACE		***PAVEMENT***	
	CFR PART 77 APPROACH		RUNWAY
MISCELLANEOUS			ROADS
	AIRPORT BOUNDARY		
	OBSTRUCTIONS		

ROAD CROSSING (E)

REF #	DESCRIPTION	ELEVATION	CLEARS / PENETRATES	REF #	DESCRIPTION	ELEVATION	CLEARS / PENETRATES	REF #	DESCRIPTION	ELEVATION	CLEARS / PENETRATES
R1	HWY CROSSING	5648.4	83.8	R19	ROAD CROSSING	5653.7	287.1	R37	ROAD CROSSING	5777.8	162.7
R2	ROAD CROSSING	5642.9	149.6	R20	ROAD CROSSING	5654.5	286.3	R38	ROAD CROSSING	5795.2	145.3
R3	ROAD CROSSING	5642.0	168.9	R21	ROAD CROSSING	5655.6	285.2	R39	ROAD CROSSING	5770.7	169.9
R4	ROAD CROSSING	5641.6	177.8	R22	ROAD CROSSING	5653.9	286.9	R40	ROAD CROSSING	5734.6	206.2
R5	ROAD CROSSING	5638.3	205.3	R23	ROAD CROSSING	5654.1	286.7	R41	ROAD CROSSING	5724.0	216.8
R6	ROAD CROSSING	5638.7	208.1	R24	ROAD CROSSING	5656.9	283.9	R42	ROAD CROSSING	5720.3	220.5
R7	HWY CROSSING	5643.4	223.6	R25	ROAD CROSSING	5667.5	273.3	R43	ROAD CROSSING	5716.3	224.4
R8	ROAD CROSSING	5640.8	242.2	R26	ROAD CROSSING	5685.2	255.6	R44	ROAD CROSSING	5713.3	227.5
R9	ROAD CROSSING	5645.0	261.5	R27	ROAD CROSSING	5709.1	231.7	R45	ROAD CROSSING	5700.5	217.9
R10	ROAD CROSSING	5645.0	264.9	R28	ROAD CROSSING	5709.6	231.2	R46	ROAD CROSSING	5694.4	213.5
R11	ROAD CROSSING	5646.4	272.5	R29	ROAD CROSSING	5724.8	216.0	R47	ROAD CROSSING	5684.1	199.8
R12	ROAD CROSSING	5648.0	282.3	R30	ROAD CROSSING	5738.4	202.4	R48	ROAD CROSSING	5673.8	179.1
R13	ROAD CROSSING	5648.4	282.9	R31	ROAD CROSSING	5753.7	186.8	R49	HWY CROSSING	5679.1	167.5
R14	ROAD CROSSING	5651.3	289.5	R32	ROAD CROSSING	5750.4	190.2	R50	ROAD CROSSING	5669.2	152.9
R15	ROAD CROSSING	5649.8	291.0	R33	ROAD CROSSING	5758.7	181.8	R51	ROAD CROSSING	5668.7	144.9
R16	ROAD CROSSING	5651.0	289.8	R34	ROAD CROSSING	5797.9	142.7	R52	ROAD CROSSING	5668.4	142.7
R17	ROAD CROSSING	5653.6	287.2	R35	ROAD CROSSING	5776.8	163.7	R53	ROAD CROSSING	5655.9	95.7
R18	ROAD CROSSING	5653.5	287.3	R36	ROAD CROSSING	5781.9	158.7				

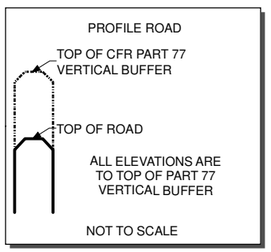




ELEVATION DATA BASED ON SEPT 25, 2019 UAV SURVEY AND JUNE 2018 0.5 METER LiDAR DEM

DEPARTURE SURFACE DIMENSION

RUNWAY TYPE		DIMENSIONAL STANDARDS FEET					SLOPE
		A	B	C	D	E	
7	RUNWAYS PROVIDING INSTRUMENT DEPARTURE OPERATIONS	RUNWAY WIDTH (RW)	500' - 1/2 RW	7,512'	12,152'	6,160'	40:1
		75'	462.5				



NO.	REVISIONS DESCRIPTION	DATE:

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN MRR
CHECKED BWC
APPROVED JLM

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168 WWW.ARDURRA.COM

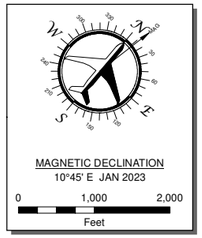
A.I.P. NO.: 3-49-001-031-2019

DEPARTURE SURFACE
EXISTING RUNWAY 4
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 6A
12 OF 21

Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_6A_DEPARTURE_RWY4_E.mxd

ELEVATION DATA BASED ON SEPT 25, 2019 UAV SURVEY AND JUNE 2018 0.5 METER LiDAR DEM



SIGNIFICANT OBJECTS

REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION
D	1300 S	15'	CLEARS: 34.7'	NO ACTION
E	DANIELS RD	15'	CLEARS: 41.2'	NO ACTION
F	HWY 40	17'	CLEARS: 55.1'	NO ACTION
G	1200 S	15'	CLEARS: 70.2'	NO ACTION
H	HIGH SCHOOL RD	15'	CLEARS: 98.4'	NO ACTION
I	HIGH SCHOOL RD	15'	CLEARS: 112.2'	NO ACTION
J	500 E	15'	CLEARS: 115.4'	NO ACTION
K	620 E	15'	CLEARS: 117.4'	NO ACTION
L	E 630 S	15'	CLEARS: 130.4'	NO ACTION
N	E 6TH S	15'	CLEARS: 131.0'	NO ACTION
M	S 820 E	15'	CLEARS: 137.4'	NO ACTION
O	S 680 E	15'	CLEARS: 143.5'	NO ACTION
P	S 900 E	15'	CLEARS: 146.4'	NO ACTION
Q	E 500 S	15'	CLEARS: 149.8'	NO ACTION
R	E 4TH S	15'	CLEARS: 152.4'	NO ACTION
S	980 EAST	15'	CLEARS: 158.6'	NO ACTION
T	GRIST MILL RD	15'	CLEARS: 159.0'	NO ACTION
U	MILL RD	15'	CLEARS: 161.6'	NO ACTION
V	E CENTER ST	15'	CLEARS: 169.3'	NO ACTION
W	HAYSTACK MOUNTAIN DR	15'	CLEARS: 187.0'	NO ACTION
X	PIMITICO DR	15'	CLEARS: 187.9'	NO ACTION
Y	PREAKNESS LN	15'	CLEARS: 203.3'	NO ACTION

DEPARTURE OBSTUCTION

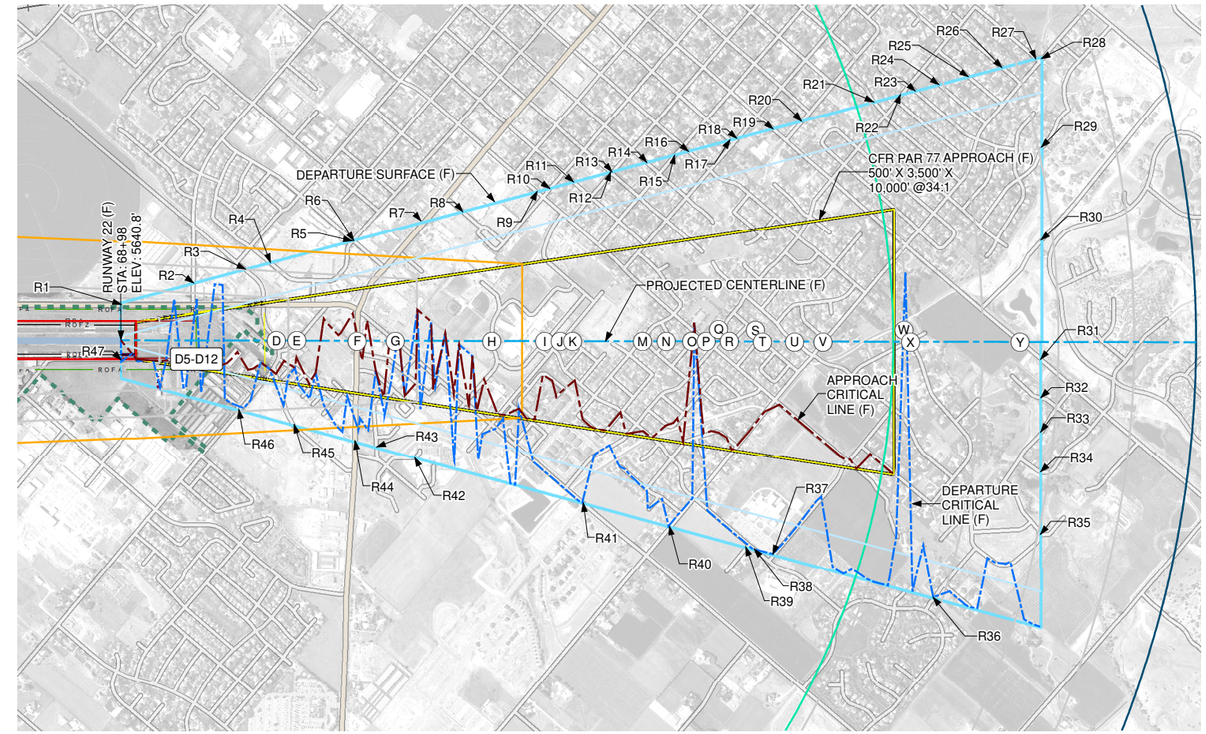
REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
D4	BUILDING	5654.7	8000	11.7	TO BE REMOVED
D5	POLE	5666.0	25	25.1	TO BE REMOVED
D6	BUILDING	5655.3	5550	12.2	TO BE REMOVED
D7	BUILDING	5671.0	25	19.2	TO BE REMOVED
D8	POLE	5669.2	250	4.2	TO BE REMOVED
D9	BUILDING	5669.6	800	5.3	TO BE REMOVED
D10	BUILDING	5670.7	1225	6.1	TO REMAIN
D11	BUILDING	5671.8	1825	7.1	TO REMAIN
D12	TREE	5696.2	75	6.5	TO REMAIN

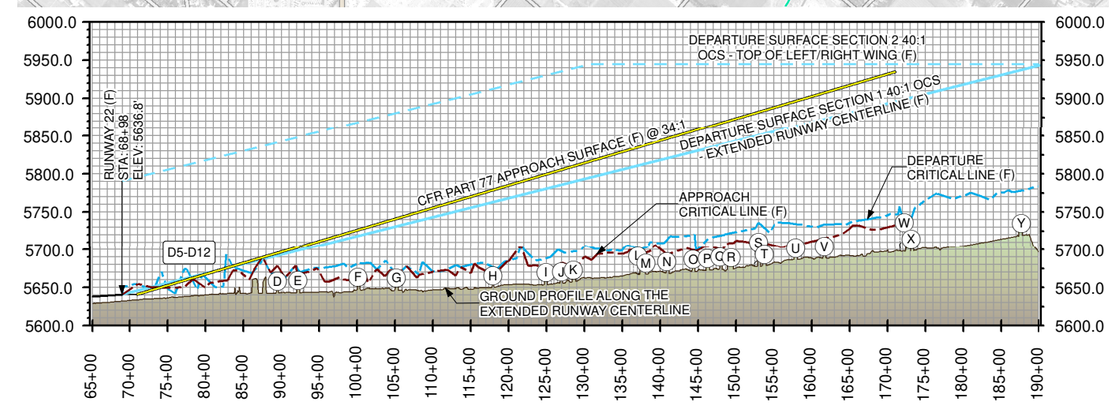
DEPARTURE SURFACE DIMENSION

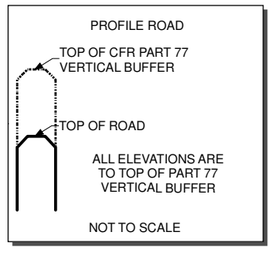
RUNWAY TYPE		DIMENSIONAL STANDARDS FEET					SLOPE
		A	B	C	D	E	
7	RUNWAYS PROVIDING INSTRUMENT DEPARTURE OPERATIONS	RUNWAY WIDTH (RW)	500' - 1/2 RW	7,512'	12,152'	6,160'	40:1
		75'	462.5				

ROAD CROSSING (F)

REF #	DESCRIPTION	ELEVATION	PENETRATES / CLEARS	REF #	DESCRIPTION	ELEVATION	PENETRATES / CLEARS	REF #	DESCRIPTION	ELEVATION	PENETRATES / CLEARS
R1	HWY CROSSING	5643.7	CLEARS: 137.2'	R19	ROAD CROSSING	5652.9	CLEARS: 291.9'	R37	ROAD CROSSING	5736.9	CLEARS: 207.9'
R2	ROAD CROSSING	5642.3	CLEARS: 171.9'	R20	ROAD CROSSING	5654.0	CLEARS: 290.9'	R38	ROAD CROSSING	5735.9	CLEARS: 208.9'
R3	ROAD CROSSING	5641.7	CLEARS: 189.1'	R21	ROAD CROSSING	5654.7	CLEARS: 290.2'	R39	ROAD CROSSING	5733.5	CLEARS: 211.3'
R4	ROAD CROSSING	5641.0	CLEARS: 198.3'	R22	ROAD CROSSING	5653.5	CLEARS: 291.3'	R40	ROAD CROSSING	5721.5	CLEARS: 223.3'
R5	ROAD CROSSING	5638.4	CLEARS: 227.8'	R23	ROAD CROSSING	5653.1	CLEARS: 291.8'	R41	ROAD CROSSING	5705.7	CLEARS: 236.5'
R6	ROAD CROSSING	5638.4	CLEARS: 227.8'	R24	ROAD CROSSING	5656.2	CLEARS: 288.7'	R42	ROAD CROSSING	5682.2	CLEARS: 150.3'
R7	HWY CROSSING	5642.7	CLEARS: 246.2'	R25	ROAD CROSSING	5666.5	CLEARS: 278.3'	R43	ROAD CROSSING	5683.5	CLEARS: 124.0'
R8	ROAD CROSSING	5640.3	CLEARS: 261.6'	R26	ROAD CROSSING	5683.8	CLEARS: 261.1'	R44	HWY CROSSING	5684.9	CLEARS: 108.5'
R9	ROAD CROSSING	5644.1	CLEARS: 283.4'	R27	ROAD CROSSING	5707.5	CLEARS: 237.3'	R45	ROAD CROSSING	5677.0	CLEARS: 76.6'
R10	ROAD CROSSING	5644.7	CLEARS: 286.1'	R28	ROAD CROSSING	5711.6	CLEARS: 233.2'	R46	ROAD CROSSING	5672.7	CLEARS: 44.9'
R11	ROAD CROSSING	5645.8	CLEARS: 293.5'	R29	ROAD CROSSING	5717.2	CLEARS: 227.4'	R47	ROAD CROSSING	5653.0	PENETRATES: 12.1'
R12	ROAD CROSSING	5647.8	CLEARS: 297.0'	R30	ROAD CROSSING	5722.3	CLEARS: 222.2'	R48	ROAD CROSSING	5589.2	CLEARS: 127.2'
R13	ROAD CROSSING	5647.9	CLEARS: 296.9'	R31	ROAD CROSSING	5744.4	CLEARS: 200.0'	R49	ROAD CROSSING	5531.2	CLEARS: 291.9'
R14	ROAD CROSSING	5650.5	CLEARS: 294.3'	R32	ROAD CROSSING	5757.3	CLEARS: 187.2'	R50	ROAD CROSSING	5499.1	CLEARS: 381.6'
R15	ROAD CROSSING	5648.9	CLEARS: 295.9'	R33	ROAD CROSSING	5760.3	CLEARS: 184.2'	R54	ROAD CROSSING	5448.1	CLEARS: 437.9'
R16	ROAD CROSSING	5650.2	CLEARS: 294.6'	R34	ROAD CROSSING	5767.1	CLEARS: 177.4'	R55	ROAD CROSSING	5447.3	CLEARS: 438.4'
R17	ROAD CROSSING	5652.5	CLEARS: 292.3'	R35	ROAD CROSSING	5776.6	CLEARS: 167.9'	R57	ROAD CROSSING	5597.1	CLEARS: 159.3'
R18	ROAD CROSSING	5652.5	CLEARS: 292.3'	R36	ROAD CROSSING	5774.1	CLEARS: 170.7'				







LEGEND

ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
APPROACH/DEPARTURE SURFACE		***PART 77 SURFACE***		***PAVEMENT***	
	APPROACH CRITICAL LINE		CFR PART 77 APPROACH		ROAD
	DEPARTURE CRITICAL LINE		PRIMARY		RUNWAY
	DEPARTURE SURFACE		TRANSITIONAL	***SAFETY AREAS***	
	PROJECTED RUNWAY CENTERLINE		HORIZONTAL	RSA	RUNWAY SAFETY AREA (RSA)
MISCELLANEOUS			CONICAL	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
	AIRPORT BOUNDARY		50' CONTOURS	RPZ	RUNWAY PROTECTION ZONE (RPZ)
	OBSTRUCTION			ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN MRR
CHECKED BWC
APPROVED JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168 WWW.ARDURRA.COM

A.I.P. NO.: 3-49-001-031-2019

DEPARTURE SURFACE
FUTURE RUNWAY 4
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 6B
13 OF 21

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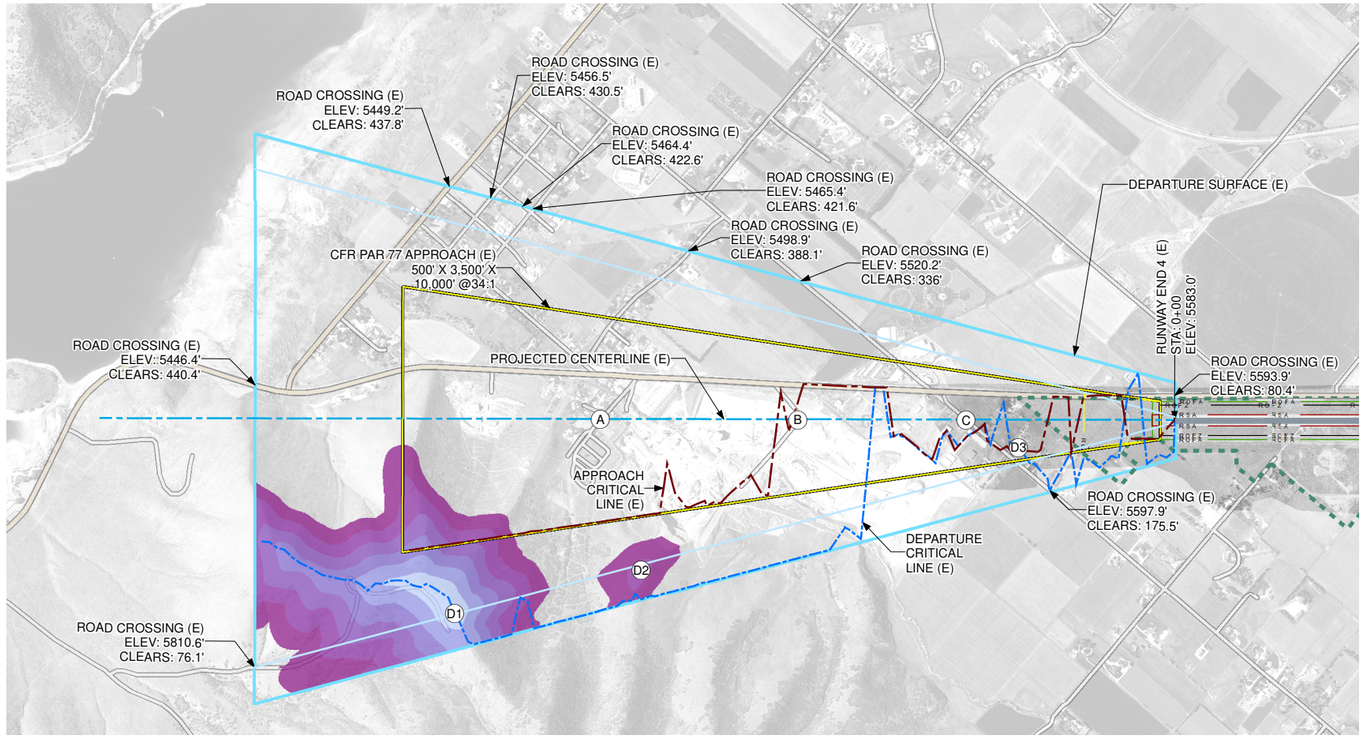
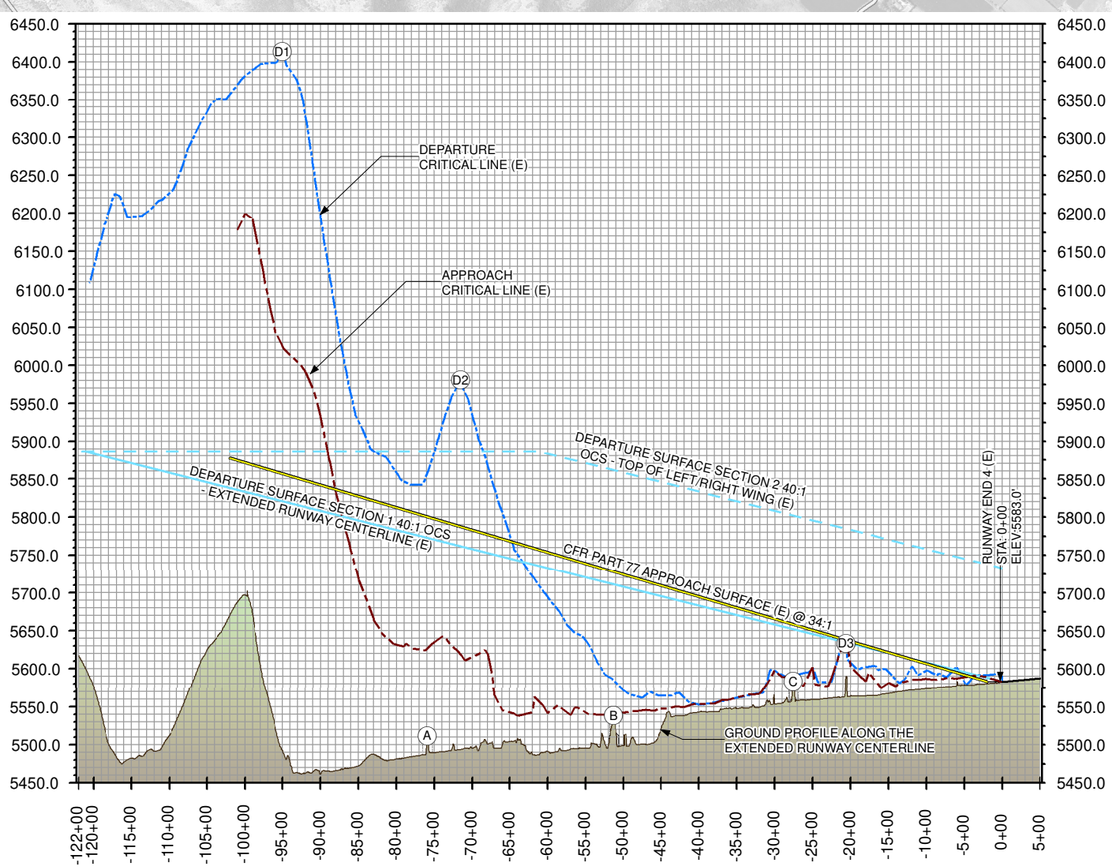
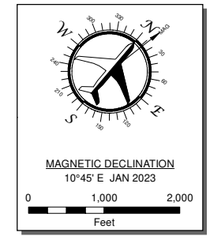






DEPARTURE SURFACE DIMENSION

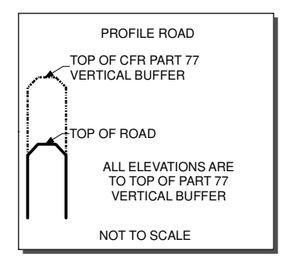
RUNWAY TYPE		DIMENSIONAL STANDARDS FEET					SLOPE
		A	B	C	D	E	
7	RUNWAYS PROVIDING INSTRUMENT DEPARTURE OPERATIONS	RUNWAY WIDTH (RW)	500' - 1/2 RW	7,512'	12,152'	6,160'	40:1
		75'	462.5				

DEPARTURE OBSTUCTION

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
D1	TREE	6418.7	7582625	598.0	TO REMAIN
D2	TERRAIN	5989.9	623000	127.8	TO REMAIN
D3	TERRAIN	5638.2	25	3.5	TO REMAIN

SIGNIFICANT OBJECTS

REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION
A	2800 W	15'	CLEARS: 268.0'	NO ACTION
B	DIRT ROAD	15'	CLEARS: 193.9'	NO ACTION
C	3000 S	15'	CLEARS: 79.6'	NO ACTION



LEGEND

ITEM	DESCRIPTION	ITEM	DESCRIPTION
PAVEMENT		***APPROACH/DEPARTURE SURFACE***	
	ROAD		APPROACH CRITICAL LINE
	RUNWAY		DEPARTURE CRITICAL LINE
SAFETY AREAS			DEPARTURE SURFACE
RSA	RUNWAY SAFETY AREA (RSA)		PROJECTED RUNWAY CENTERLINE
ROFA	RUNWAY OBJECT FREE AREA (ROFA)	***PART 77 SURFACE***	
RPZ	RUNWAY PROTECTION ZONE (RPZ)		CFR PART 77 APPROACH
ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)	***MISCELLANEOUS***	
OBSTRUCTIONS			AIRPORT BOUNDARY

0' - 100' | 100' - 200' | 200' - 300' | 300' - 400' | 400' - 500' | 500' - 597.9'

ELEVATION DATA BASED
ON SEPT 25, 2019 UAV
SURVEY AND JUNE 2018
0.5 METER LiDAR DEM

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN MRR
CHECKED
APPROVED BWC JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168 WWW.ARDURRA.COM

A.I.P. NO.: 3-49-001-031-2019

DEPARTURE SURFACE
EXISTING RUNWAY 22
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 6C
14 OF 21

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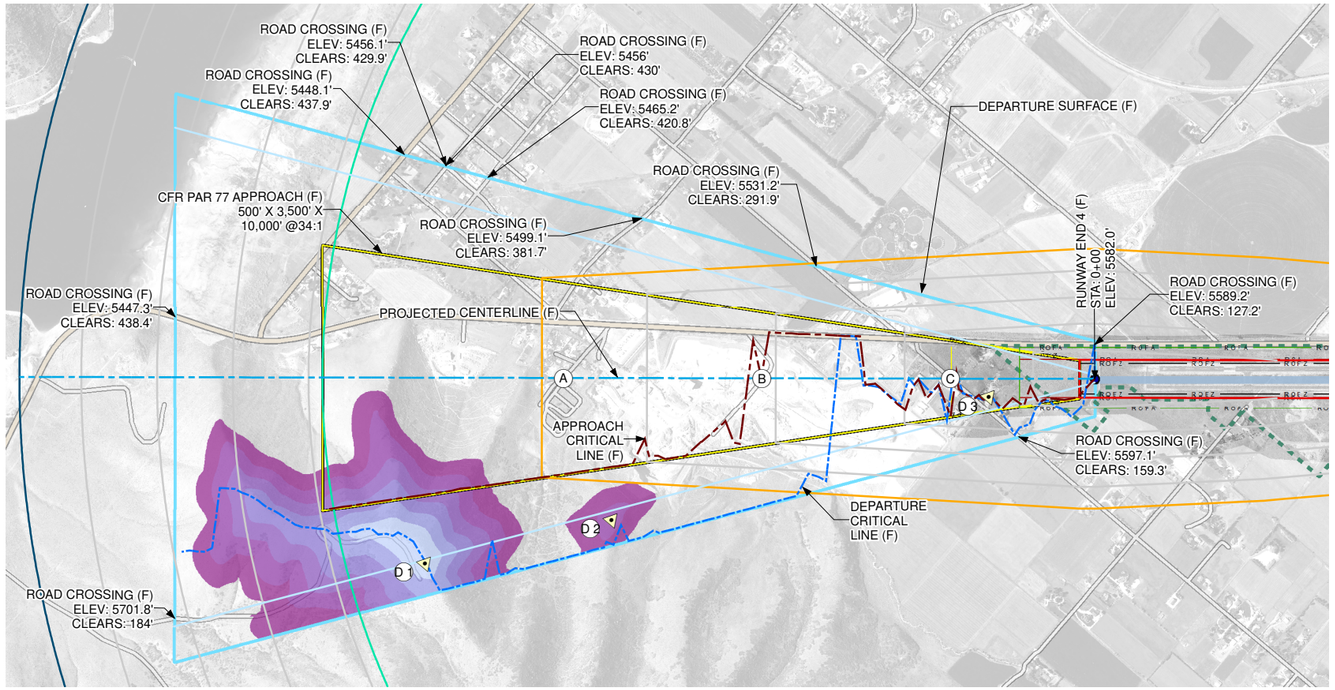
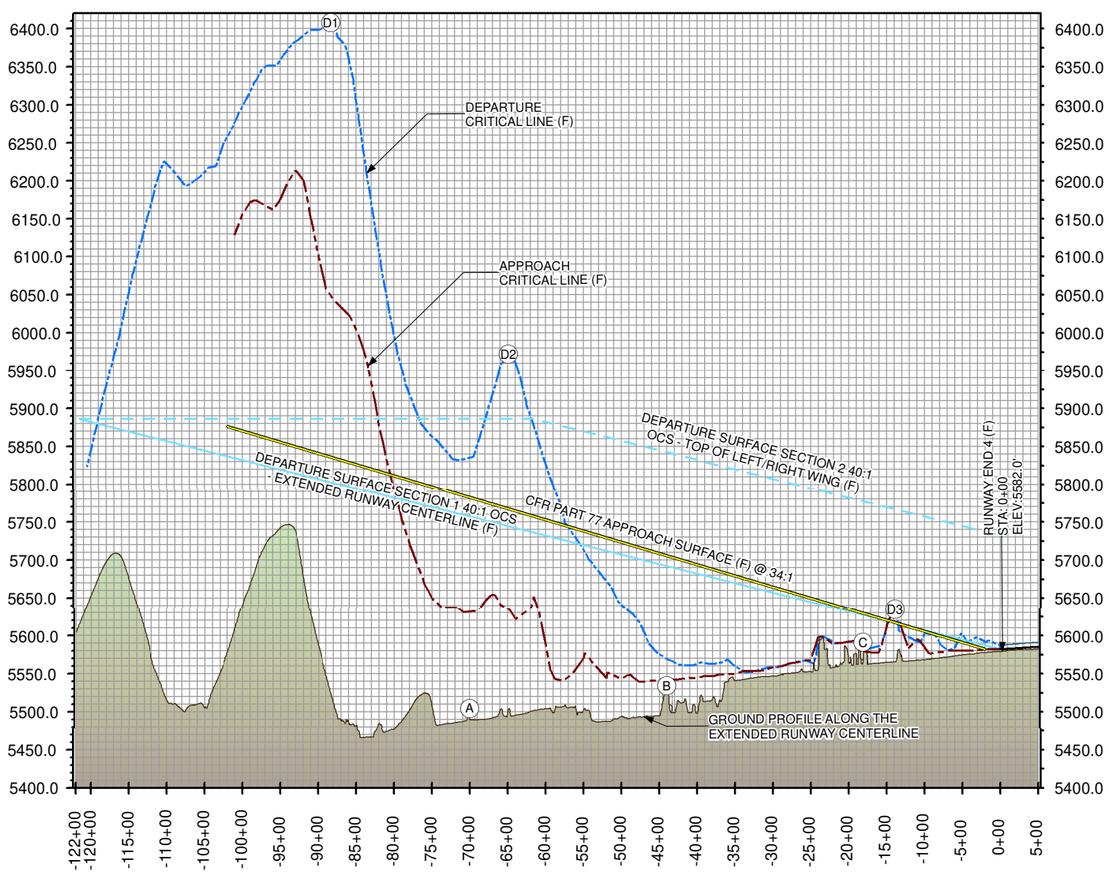
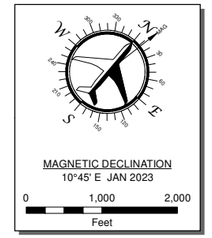
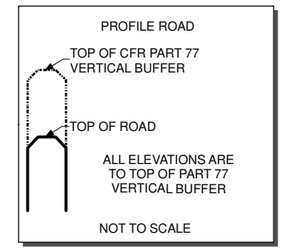






DEPARTURE SURFACE DIMENSION

RUNWAY TYPE		DIMENSIONAL STANDARDS FEET					SLOPE
		A	B	C	D	E	
7	RUNWAYS PROVIDING INSTRUMENT DEPARTURE OPERATIONS	RUNWAY WIDTH (RW)	500' - 1/2 RW	7,512'	12,152'	6,160'	40:1
		75'	462.5				



ELEVATION DATA BASED ON SEPT 25, 2019 UAV SURVEY AND JUNE 2018 0.5 METER LiDAR DEM

SIGNIFICANT OBJECTS

REF #	DESCRIPTION	BUFFER	DEPARTURE IMPACT	DISPOSITION
A	2800 W	15'	CLEARS: 252.7'	NO ACTION
B	DIRT ROAD	15'	CLEARS: 157.1'	NO ACTION
C	3000 S	15'	CLEARS: 53.5'	NO ACTION

DEPARTURE OBSTUCTION

REF #	OBJECT DESCRIPTION	MAXIMUM OBJECT ELEVATION (FT.)	AREA OF PENETRATION (SQ. FT.)	MAXIMUM PENETRATION HEIGHT (FT.)	DISPOSITION
D1	TERRAIN	6418.7	8439975	608.7	TO REMAIN
D2	TERRAIN	5979.3	673275	133.2	TO REMAIN
D3	TREE	5638.2	375	21.5	TO BE REMOVED

LEGEND

ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
PART 77 SURFACE		***APPROACH/DEPARTURE SURFACE***		***PAVEMENT***	
	CFR PART 77 APPROACH		APPROACH CRITICAL LINE		ROAD
	PRIMARY		DEPARTURE CRITICAL LINE		RUNWAY
	TRANSITIONAL		DEPARTURE SURFACE	***SAFETY AREAS***	
	HORIZONTAL		PROJECTED RUNWAY CENTERLINE	RSA	RUNWAY SAFETY AREA (RSA)
	CONICAL		MAXIMUM HEIGHT PENETRATION	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
	50' CONTOURS	***MISCELLANEOUS***		RPZ	RUNWAY PROTECTION ZONE (RPZ)
OBSTRUCTION			AIRPORT BOUNDARY	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)

0' - 100' | 100' - 200' | 200' - 300' | 300' - 400' | 400' - 500' | 500' - 608.7'

BORDER SIZE 11"X17"
DESIGNED
DRAFT
DRAWN MRR
CHECKED
BWC
APPROVED JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

A.I.P. NO.: 3-49-001-031-2019

DEPARTURE SURFACE
FUTURE RUNWAY 22
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 6D
15 OF 21

Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_6D_DEPARTURE_RWY_22F.mxd

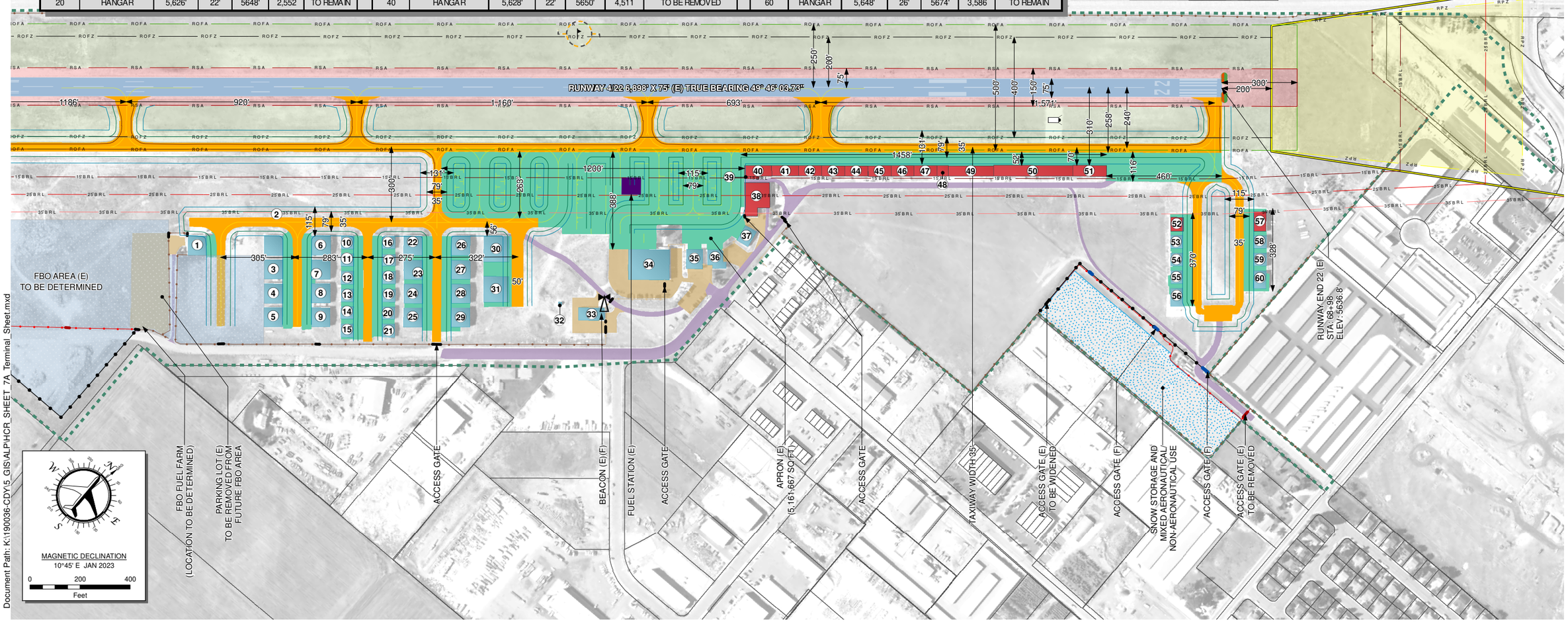
EXISTING BUILDING DATA TABLE

BUILDING NUMBER	DESCRIPTION	GROUND ELEVATION	HEIGHT	TOP OF BUILDING	AREA (SQ. FT.)	DISPOSITION	BUILDING NUMBER	DESCRIPTION	GROUND ELEVATION	HEIGHT	TOP OF BUILDING	AREA (SQ. FT.)	DISPOSITION	BUILDING NUMBER	DESCRIPTION	GROUND ELEVATION	HEIGHT	TOP OF BUILDING	AREA (SQ. FT.)	DISPOSITION
1	MUSEUM - COMMEMMORATIVE AIR FORCE	5,613'	33'	5646'	5,710	TO BE REPURPOSED	21	HANGAR	5,628'	22'	5650'	2,527	TO REMAIN	41	HANGAR	5,628'	20'	5648'	4,324	TO BE REMOVED
2	HANGAR	5,617'	32'	5649'	5,756	TO REMAIN	22	HANGAR	5,623'	32'	5655'	5,722	TO REMAIN	42	HANGAR	5,627'	17'	5644'	3,711	TO BE REMOVED
3	HANGAR	5,619'	33'	5652'	5,705	TO REMAIN	23	HANGAR	5,624'	34'	5658'	5,776	TO REMAIN	43	HANGAR	5,628'	17'	5645'	3,724	TO BE REMOVED
4	HANGAR	5,620'	33'	5653'	5,675	TO REMAIN	24	HANGAR	5,626'	31'	5657'	5,781	TO REMAIN	44	HANGAR	5,629'	17'	5646'	3,793	TO BE REMOVED
5	HANGAR	5,622'	33'	5655'	5,772	TO REMAIN	25	HANGAR	5,627'	32'	5659'	5,804	TO REMAIN	45	HANGAR	5,630'	17'	5647'	3,807	TO BE REMOVED
6	HANGAR	5,618'	31'	5649'	5,761	TO REMAIN	26	HANGAR	5,623'	32'	5655'	5,692	TO REMAIN	46	HANGAR	5,630'	17'	5647'	3,753	TO BE REMOVED
7	HANGAR	5,619'	33'	5652'	5,756	TO REMAIN	27	HANGAR	5,624'	31'	5655'	5,617	TO REMAIN	47	HANGAR	5,631'	17'	5648'	3,816	TO BE REMOVED
8	HANGAR	5,621'	32'	5653'	5,719	TO REMAIN	28	HANGAR	5,626'	32'	5658'	5,563	TO REMAIN	48	HANGAR	5,632'	20'	5652'	1,922	TO BE REMOVED
9	HANGAR	5,622'	33'	5655'	5,789	TO REMAIN	29	HANGAR	5,627'	32'	5659'	5,752	TO REMAIN	49	HANGAR	5,633'	18'	5651'	7,282	TO BE REMOVED
10	HANGAR	5,621'	23'	5644'	2,584	TO REMAIN	30	HANGAR	5,627'	36'	5663'	10,139	TO REMAIN	50	HANGAR	5,634'	19'	5653'	13,350	TO BE REMOVED
11	HANGAR	5,622'	22'	5644'	2,537	TO REMAIN	31	HANGAR	5,630'	36'	5666'	10,179	TO REMAIN	51	HANGAR	5,637'	18'	5655'	5,784	TO BE REMOVED
12	HANGAR	5,623'	22'	5645'	2,617	TO REMAIN	32	AIRFIELD LIGHTING VAULT	5,632'	11'	5643'	186	TO REMAIN	52	HANGAR	5,643'	25'	5668'	2,698	TO BE REMOVED
13	HANGAR	5,625'	23'	5648'	2,537	TO REMAIN	33	SNOW REMOVAL EQUIPMENT BUILDING	5,634'	21'	5655'	5,349	TO REMAIN	53	HANGAR	5,644'	24'	5668'	2,590	TO REMAIN
14	HANGAR	5,626'	23'	5649'	2,545	TO REMAIN	34	FBO BUILDING	5,629'	37'	5666'	19,551	TO REMAIN	54	HANGAR	5,646'	24'	5670'	2,531	TO REMAIN
15	HANGAR	5,627'	24'	5651'	2,540	TO REMAIN	35	HANGAR	5,631'	23'	5654'	4,981		55	HANGAR	5,647'	24'	5671'	2,521	TO REMAIN
16	HANGAR	5,622'	22'	5644'	2,405	TO REMAIN	36	HANGAR	5,632'	25'	5657'	4,497	TO REMAIN (FUTURE AIRPORT RESTAURANT SITE PROPOSED)	56	HANGAR	5,649'	25'	5674'	3,545	TO REMAIN
17	HANGAR	5,623'	22'	5645'	2,385	TO REMAIN	37	HANGAR	5,630'	23'	5653'	3,503	TO REMAIN	57	HANGAR	5,644'	26'	5670'	3,783	TO BE REMOVED
18	HANGAR	5,624'	22'	5646'	2,530	TO REMAIN	38	HANGAR	5,629'	35'	5664'	10,994	TO BE REMOVED	58	HANGAR	5,645'	24'	5669'	2,591	TO REMAIN
19	HANGAR	5,625'	22'	5647'	2,556	TO REMAIN	39	HANGAR EXTENSION	5,628'	18'	5646'	610	TO BE REMOVED	59	HANGAR	5,647'	24'	5671'	2,556	TO REMAIN
20	HANGAR	5,626'	22'	5648'	2,552	TO REMAIN	40	HANGAR	5,628'	22'	5650'	4,511	TO BE REMOVED	60	HANGAR	5,648'	26'	5674'	3,586	TO REMAIN

LEGEND

ITEM EXISTING	ITEM FUTURE	DESCRIPTION
SAFETY AREAS		
		RUNWAY SAFETY AREA (RSA)
		RUNWAY OBJECT FREE AREA (ROFA)
		RUNWAY PROTECTION ZONE (RPZ)
		RUNWAY OBSTACLE FREE ZONE (ROFZ)
		TAXIWAY EDGE SAFETY MARGIN (TESM)
		TAXIWAY OBJECT FREE AREA (TOFA)
		TAXIWAY SAFETY AREA (TSA)
		15' BUILDING RESTRICTION LINE (BRL)
		25' BUILDING RESTRICTION LINE (BRL)
		35' BUILDING RESTRICTION LINE (BRL)
FENCE		
		CHAINLINK FENCE (7')
		FENCE TO BE REMOVED
		WIRE FENCE (8')
		GATE
MARKING LINE		
		TAXIWAY CENTERLINE
		TAXIWAY HOLDING POSITIION
PART 77 SURFACE		
	X	CFR PART 77 APPROACH

ITEM EXISTING	ITEM FUTURE	DESCRIPTION
NAVAIDS		
		BEACON
	X	PAPI
	X	THRESHOLD LIGHT
	X	WIND CONE
	X	SEGMENTED CIRCLE
PAVEMENT		
	X	APRON
	X	DRIVEWAY
	X	PARKING LOT
		ROAD
	X	RUNWAY
	X	TAXIWAY
	X	FUEL
MISCELLANEOUS		
		AIRPORT BOUNDARY
X		FBO AREA
X		SNOW STORAGE
BUILDING		
		HANGAR TO BE REMOVED
	X	HANGAR



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BORDER SIZE 11"X17"
DESIGNED
DRAFT
DRAWN NXM
CHECKED
APPROVED BWG JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

A.I.P. NO.: 3-49-001-031-2019

TERMINAL AREA
EXISTING
HEBER VALLEY AIRPORT

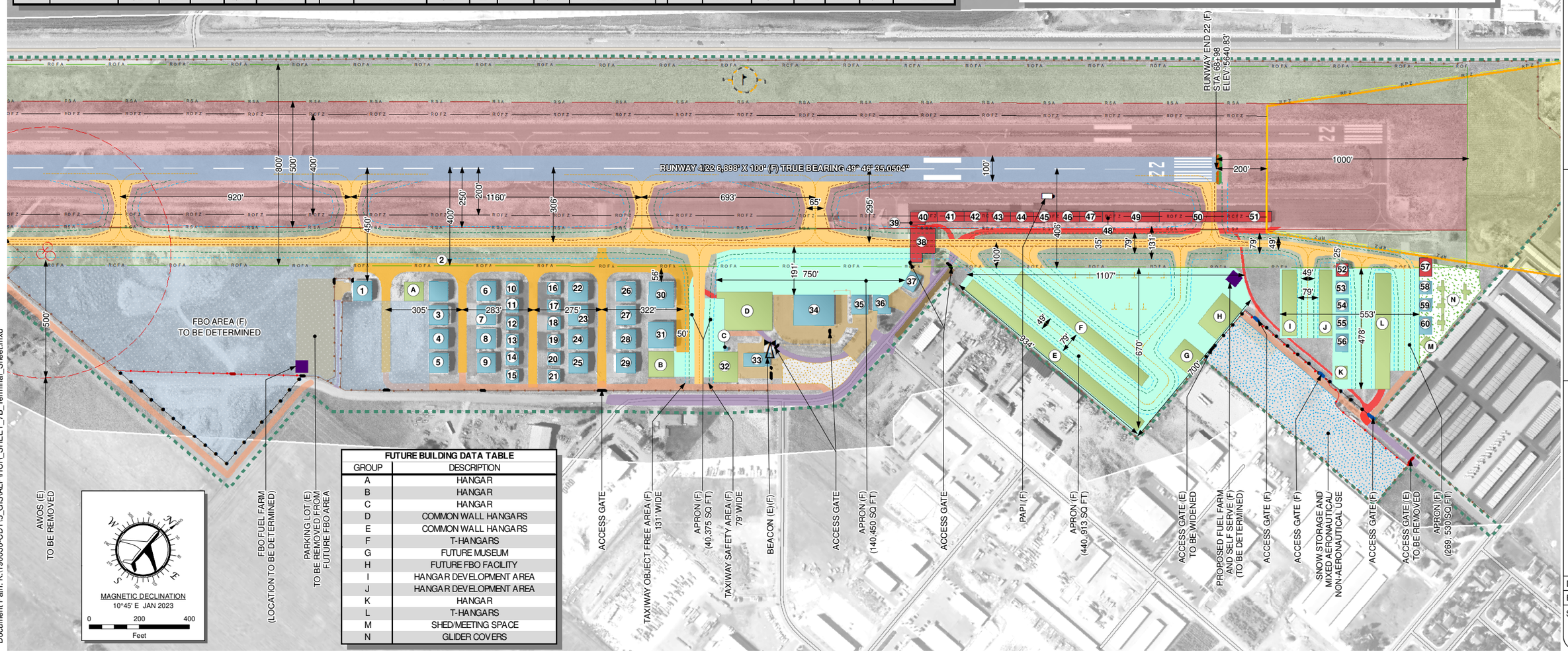
DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 7A
16 OF 21

EXISTING BUILDING DATA TABLE

BUILDING NUMBER	DESCRIPTION	GROUND ELEVATION	HEIGHT	TOP OF BUILDING	AREA (SQ. FT.)	DISPOSITION	BUILDING NUMBER	DESCRIPTION	GROUND ELEVATION	HEIGHT	TOP OF BUILDING	AREA (SQ. FT.)	DISPOSITION	BUILDING NUMBER	DESCRIPTION	GROUND ELEVATION	HEIGHT	TOP OF BUILDING	AREA (SQ. FT.)	DISPOSITION
1	MUSEUM - COMMEMMORATIVE AIR FORCE	5,613'	33'	5646'	5,710	TO BE REPURPOSED	21	HANGAR	5,628'	22'	5650'	2,527	TO REMAIN	41	HANGAR	5,628'	20'	5648'	4,324	TO BE REMOVED
2	HANGAR	5,617'	32'	5649'	5,756	TO REMAIN	22	HANGAR	5,623'	32'	5655'	5,722	TO REMAIN	42	HANGAR	5,627'	17'	5644'	3,711	TO BE REMOVED
3	HANGAR	5,619'	33'	5652'	5,705	TO REMAIN	23	HANGAR	5,624'	34'	5658'	5,776	TO REMAIN	43	HANGAR	5,628'	17'	5645'	3,724	TO BE REMOVED
4	HANGAR	5,620'	33'	5653'	5,675	TO REMAIN	24	HANGAR	5,626'	31'	5657'	5,781	TO REMAIN	44	HANGAR	5,629'	17'	5646'	3,793	TO BE REMOVED
5	HANGAR	5,622'	33'	5655'	5,772	TO REMAIN	25	HANGAR	5,627'	32'	5659'	5,804	TO REMAIN	45	HANGAR	5,630'	17'	5647'	3,807	TO BE REMOVED
6	HANGAR	5,618'	31'	5649'	5,761	TO REMAIN	26	HANGAR	5,623'	32'	5655'	5,692	TO REMAIN	46	HANGAR	5,630'	17'	5647'	3,753	TO BE REMOVED
7	HANGAR	5,619'	33'	5652'	5,756	TO REMAIN	27	HANGAR	5,624'	31'	5655'	5,617	TO REMAIN	47	HANGAR	5,631'	17'	5648'	3,816	TO BE REMOVED
8	HANGAR	5,621'	32'	5653'	5,719	TO REMAIN	28	HANGAR	5,626'	32'	5658'	5,563	TO REMAIN	48	HANGAR	5,632'	20'	5652'	1,922	TO BE REMOVED
9	HANGAR	5,622'	33'	5655'	5,789	TO REMAIN	29	HANGAR	5,627'	32'	5659'	5,752	TO REMAIN	49	HANGAR	5,633'	18'	5651'	7,282	TO BE REMOVED
10	HANGAR	5,621'	23'	5644'	2,584	TO REMAIN	30	HANGAR	5,627'	36'	5663'	10,139	TO REMAIN	50	HANGAR	5,634'	19'	5653'	13,350	TO BE REMOVED
11	HANGAR	5,622'	22'	5644'	2,537	TO REMAIN	31	HANGAR	5,630'	36'	5666'	10,179	TO REMAIN	51	HANGAR	5,637'	18'	5655'	5,784	TO BE REMOVED
12	HANGAR	5,623'	22'	5645'	2,617	TO REMAIN	32	AIRFIELD LIGHTING VAULT	5,632'	11'	5643'	186	TO REMAIN	52	HANGAR	5,643'	25'	5668'	2,698	TO BE REMOVED
13	HANGAR	5,625'	23'	5648'	2,537	TO REMAIN	33	SNOW REMOVAL EQUIPMENT BUILDING	5,634'	21'	5655'	5,349	TO REMAIN	53	HANGAR	5,644'	24'	5668'	2,590	TO REMAIN
14	HANGAR	5,626'	23'	5649'	2,545	TO REMAIN	34	FBO BUILDING	5,629'	37'	5666'	19,551	TO REMAIN	54	HANGAR	5,646'	24'	5670'	2,531	TO REMAIN
15	HANGAR	5,627'	24'	5651'	2,540	TO REMAIN	35	HANGAR	5,631'	23'	5654'	4,981		55	HANGAR	5,647'	24'	5671'	2,521	TO REMAIN
16	HANGAR	5,622'	22'	5644'	2,405	TO REMAIN	36	HANGAR	5,632'	25'	5657'	4,497	TO REMAIN (FUTURE AIRPORT RESTAURANT SITE PROPOSED)	56	HANGAR	5,649'	25'	5674'	3,545	TO REMAIN
17	HANGAR	5,623'	22'	5645'	2,385	TO REMAIN	37	HANGAR	5,630'	23'	5653'	3,503	TO REMAIN	57	HANGAR	5,644'	26'	5670'	3,783	TO BE REMOVED
18	HANGAR	5,624'	22'	5646'	2,530	TO REMAIN	38	HANGAR	5,629'	35'	5664'	10,994	TO BE REMOVED	58	HANGAR	5,645'	24'	5669'	2,591	TO REMAIN
19	HANGAR	5,625'	22'	5647'	2,556	TO REMAIN	39	HANGAR EXTENSION	5,628'	18'	5646'	610	TO BE REMOVED	59	HANGAR	5,647'	24'	5671'	2,556	TO REMAIN
20	HANGAR	5,626'	22'	5648'	2,552	TO REMAIN	40	HANGAR	5,628'	22'	5650'	4,511	TO BE REMOVED	60	HANGAR	5,648'	26'	5674'	3,586	TO REMAIN

LEGEND

ITEM EXISTING	ITEM FUTURE	DESCRIPTION	ITEM EXISTING	ITEM FUTURE	DESCRIPTION
SAFETY AREAS			***NAVAIDS***		
X	RSA	RUNWAY SAFETY AREA (RSA)		X	AWOS
X	ROFA	RUNWAY OBJECT FREE AREA (ROFA)		X	AWOS PROTECTION
X	RPZ	RUNWAY PROTECTION ZONE (RPZ)			BEACON
X	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)	X		PAPI
X		TAXIWAY EDGE SAFETY MARGIN (TESM)	X		THRESHOLD LIGHT
X		TAXIWAY OBJECT FREE AREA (TOFA)	X		WIND CONE
X		TAXIWAY SAFETY AREA (TSA)	X		SEGMENTED CIRCLE
X	15' BR	15' BUILDING RESTRICTION LINE (BRL)	***PAVEMENT***		
X	25' BR	25' BUILDING RESTRICTION LINE (BRL)	X		APRON
X	35' BR	35' BUILDING RESTRICTION LINE (BRL)			DRIVEWAY
FENCE					PARKING LOT
		CHAINLINK FENCE (7')			ROAD
		FENCE TO BE REMOVED	X		RUNWAY
		WIRE FENCE (8')			TAXIWAY
		GATE	X		FUEL
MARKING LINE					PAVEMENT TO BE REMOVED
X		TAXIWAY CENTERLINE	***MISCELLANEOUS***		
X		TAXIWAY HOLDING POSITIION			AIRPORT BOUNDARY
BUILDING			X		FBO AREA
		HANGAR TO BE REMOVED	X		SNOW STORAGE
		HANGAR	X		AIRPORT VIEW AREA
PART 77 SURFACE			X		GLIDER AREA
X		CFR PART 77 APPROACH			



FUTURE BUILDING DATA TABLE

GROUP	DESCRIPTION
A	HANGAR
B	HANGAR
C	HANGAR
D	COMMON WALL HANGARS
E	COMMON WALL HANGARS
F	T-HANGARS
G	FUTURE MUSEUM
H	FUTURE FBO FACILITY
I	HANGAR DEVELOPMENT AREA
J	HANGAR DEVELOPMENT AREA
K	HANGAR
L	T-HANGARS
M	SHED/MEETING SPACE
N	GLIDER COVERS

Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_7B_Terminal_Sheet.mxd

BORDER SIZE 11"X17"
DESIGNED
DRAFT
DRAWN NXM
CHECKED
BWC
APPROVED JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168
WWW.ARDURRA.COM

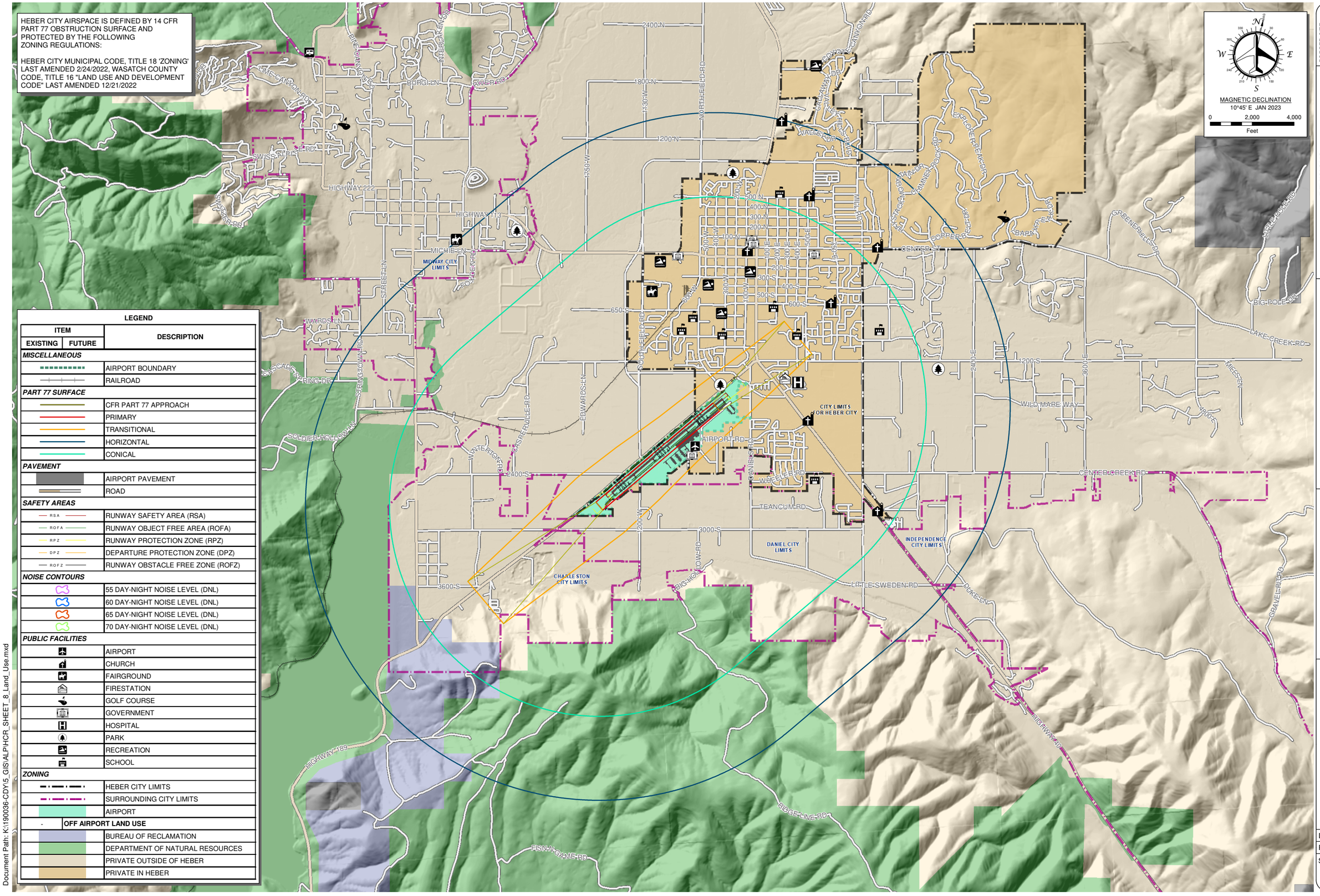
A.I.P. NO.: 3-49-001-031-2019

TERMINAL AREA
FUTURE
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 7B
17 OF 21

HEBER CITY AIRSPACE IS DEFINED BY 14 CFR PART 77 OBSTRUCTION SURFACE AND PROTECTED BY THE FOLLOWING ZONING REGULATIONS:

HEBER CITY MUNICIPAL CODE, TITLE 18 'ZONING' LAST AMENDED 2/24/2022, WASATCH COUNTY CODE, TITLE 16 "LAND USE AND DEVELOPMENT CODE" LAST AMENDED 12/21/2022


MAGNETIC DECLINATION
10°45' E JAN 2023
0 2,000 4,000
Feet
CITY LIMITS FOR HEBER CITY
MIDWAY CITY LIMITS
DANIEL CITY LIMITS
INDEPENDENCE CITY LIMITS
CHARLESTON CITY LIMITS
AIRPORT RD
HIGHWAY 113
HIGHWAY 222
HIGHWAY 189
HIGHWAY 40
CENTER ST
NORTHFIELD RD
SOUTHFIELD RD
LAKE CREEK RD
CENTER CREEK RD
LITTLE SWEDEN RD
RIDGE LINE RD
FISHINGAME RD
BIG HOLLOW RD
TEANCUM RD
WHEELER RD
WILD MARE WAY
GRAVELPIT RD
BIG POLE DR
LITTLE POLE RD
GREENHILLS DR
COPPER RD
CHIMNEY ROCK RD
CLIFF OREAK DR
BAPA PARK TRAILS
ALSTACK MOUNTAIN DR
WALLS DR
COYOTE CANYON RD
LIME CANYON RD
SWISS ALPS RD
SWEET DR
PINE CANYON RD
BURGI LN
SWEER RD
MICHIE LN
WARDS LN
STREET LN
FRINGTOWN RD
CASCADE SPRING DR
SOLDIER HOLLOW LN
WHITE HORSE RD
CRISPERVILLE RD
EDWARDS LN
DANIELS RD
OAKE LN
MEESE LN
2400-N
1800-N
1200-N
650-S
2400-S
3000-S
3600-S
1200-S
2400-E
3600-E
4800-E
1400-W
1750-W
1300-W
500-W
400-W
300-W
200-W
100-W
500-N
400-N
300-N
200-N
100-N
200-S
300-S
400-S
500-S
600-S
100-E
200-E
300-E
400-E
500-E
600-E
700-E
800-E
900-E
1000-E
1100-E
1200-E
1300-E
1400-E
1500-E
1600-E
1700-E
1800-E
1900-E
2000-E
2100-E
2200-E
2300-E
2400-E
2500-E
2600-E
2700-E
2800-E
2900-E
3000-E
3100-E
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3400-E
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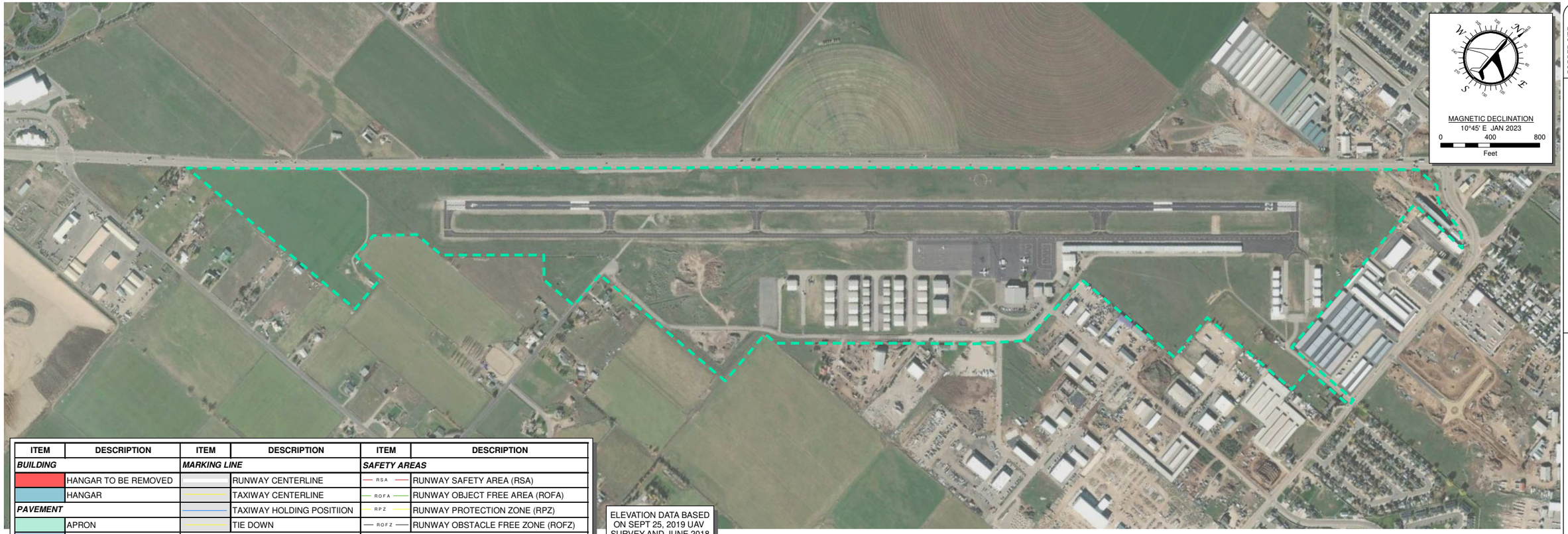
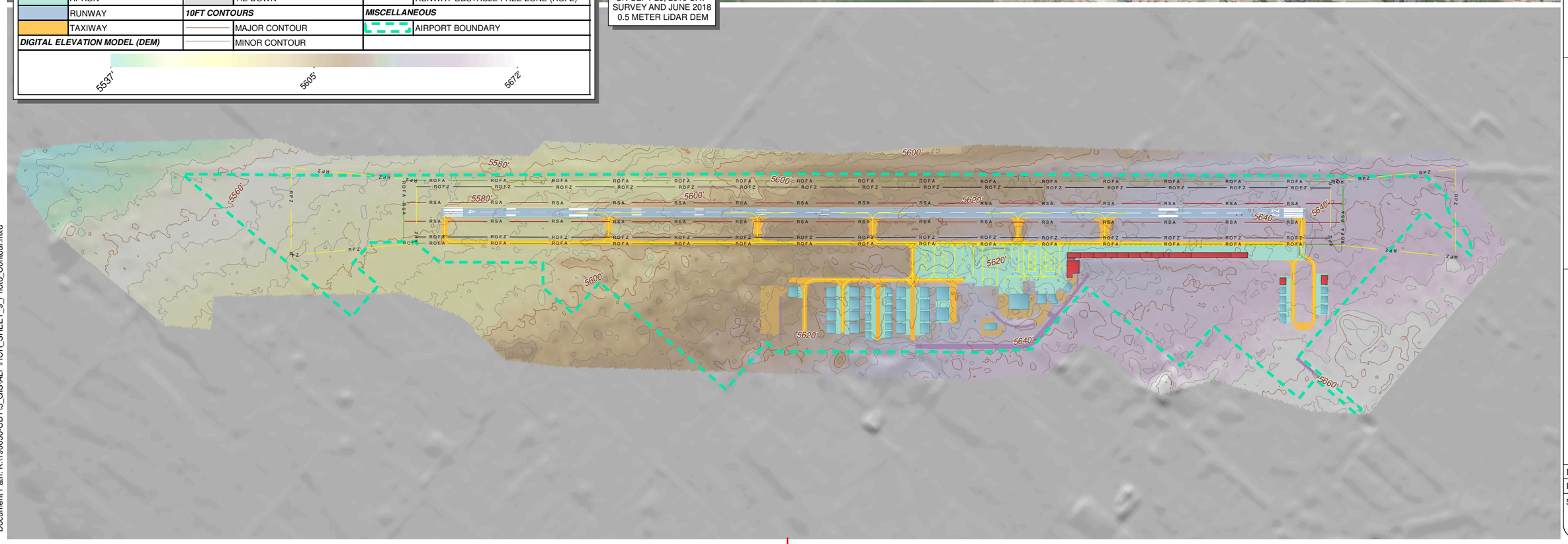
3600-E
3700-E
3800-E
3900-E
4000-E



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
BUILDING		***MARKING LINE***		***SAFETY AREAS***	
	HANGAR TO BE REMOVED		RUNWAY CENTERLINE	RSA	RUNWAY SAFETY AREA (RSA)
	HANGAR		TAXIWAY CENTERLINE	ROFA	RUNWAY OBJECT FREE AREA (ROFA)
PAVEMENT			TAXIWAY HOLDING POSITIION	RPZ	RUNWAY PROTECTION ZONE (RPZ)
	APRON		TIE DOWN	ROFZ	RUNWAY OBSTACLE FREE ZONE (ROFZ)
	RUNWAY	***10FT CONTOURS***		***MISCELLANEOUS***	
	TAXIWAY		MAJOR CONTOUR		AIRPORT BOUNDARY
DIGITAL ELEVATION MODEL (DEM)			MINOR CONTOUR		

5537' 5605' 5672'

ELEVATION DATA BASED ON SEPT 25, 2019 UAV SURVEY AND JUNE 2018 0.5 METER LiDAR DEM



Document Path: K:\190036-CDY\5_GIS\ALP\HCR_SHEET_9_Photo_Contour.mxd

BORDER SIZE 11"X17"
DESIGNED DRAFT
DRAWN MRR
CHECKED
APPROVED BWC JLM

REVISIONS

NO.	DESCRIPTION	DATE:

ARDURRA
2175 W. 3000 S., SUITE 200
HEBER CITY, UT 84032
PHONE: 435.315.6168 WWW.ARDURRA.COM

A.I.P. NO.: 3-49-001-031-2019

PHOTO AND CONTOUR
EXISTING CONDITIONS
HEBER VALLEY AIRPORT

DATE: XXX XX, XXXX
PROJECT # 190036
SHEET: 9
19 OF 21