

PREPARED BY



RICONDO
& ASSOCIATES



Joslin Field,
Magic Valley
Regional Airport

AUGUST 2012

Airport Layout Plan

Joslin Field, Magic Valley Regional Airport

IN ASSOCIATION WITH:



VICINITY MAP



LOCATION MAP



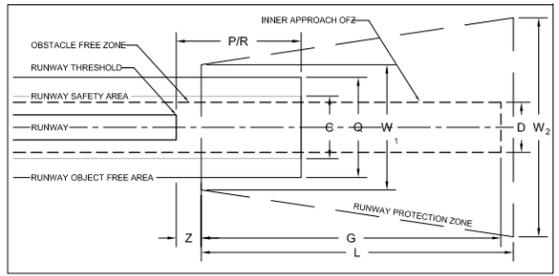
DRAWING INDEX

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9. Airport Property Map

ITEM	EXISTING RUNWAY 7-25 (FUTURE RUNWAY 8-26)		RUNWAY 12-30		RUNWAY 17-35	
	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
RUNWAY DESIGN GROUP	C - II	SAME	B - II		B - II	
RUNWAY LENGTH/WIDTH	8,700' x 150'	SAME	3,207' x 75'		3,000' x 75'	
RUNWAY BEARING	N 91° 18' 00" W	SAME	N 136° 18' 00" W		N 181° 18' 00" W	
EFFECTIVE RUNWAY GRADIENT (%)	0.09%	SAME	1.27%		1.81%	
RUNWAY END ELEVATION	07 - 4,143.9' 25 - 4,151.8'	SAME	12 - 4,106.7' 30 - 4,147.7'		17 - 4,119.3' 35 - 4,167.5'	
PAVEMENT STRENGTH	SINGLE WHEEL	75,000 LBS	19,000 LBS		19,000 LBS	
	DUAL WHEEL	200,000 LBS	N/A		N/A	
	DUAL TANDEM WHEEL	250,000 LBS	SAME	N/A		N/A
PAVEMENT MATERIAL	ASPHALT	SAME	ASPHALT		ASPHALT	
PAVEMENT CLASSIFICATION NUMBER	N/A	SAME	N/A		N/A	
RUNWAY END COORDINATES (NAD83)	LATITUDE	N 42° 28' 52.55"	N 42° 29' 14.00"		N 42° 29' 08.48"	
	LONGITUDE	W 114° 30' 11.60"	W 114° 29' 36.88"		W 114° 29' 40.67"	
RUNWAY APPROACH SURFACES	LATITUDE	N 42° 28' 50.59"	N 42° 28' 51.09"		N 42° 28' 38.85"	
	LONGITUDE	W 114° 28' 15.46"	W 114° 29' 07.31"		W 114° 29' 41.58"	
RUNWAY LIGHTING	07 - REIL - 2 25 - MALS R	SAME	NONE		NONE	
RUNWAY MARKING	PRECISION	SAME	BASIC		BASIC	
TAXIWAY LIGHTING	MITL	SAME	NONE		NONE	
NAVIGATIONAL / VISUAL AIDS	07 - REIL, HIRL, VASI, GPS, VORTAC	07 - SAME	12 - NONE		17 - NONE	
	25 - MALS R, HIRL, ILS, VORTAC, PAPI, GPS	25 - SAME	30 - NONE		35 - NONE	
R/W SAFETY AREA LENGTH / WIDTH	WIDTH 500'	SAME	150'		150'	
R/W OBSTACLE FREE ZONE (BEYOND END)	LENGTH 10,700'	SAME	3,807'		3,600'	
R/W OBJECT FREE AREA (BEYOND END)	WIDTH 250'	SAME	250'		250'	
	LENGTH 9,100'	SAME	3,607'		3,400'	
	WIDTH 800'	SAME	500'		500'	
	LENGTH 10,700'	SAME	3,807'		3,600'	

RUNWAY	APPROACH VISIBILITY MINIMUMS (MI)	AIRCRAFT GROUP	END EL. (MSL)	RSA / OFA			RPZ				OFZ	
				C	P/R	Q	W ₁	W ₂	L	Z	D	G
07	3/4	III	4,143.9'	500'	1,000'	800'	1,000'	1,510'	1,700'	200'	400'	0'
25	1/2	III	4,151.8'	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	0'
12	Visual	II	4,106.7'	150'	300'	500'	500'	700'	1,000'	200'	250'	0'
30	Visual	II	4,141.7'	150'	300'	500'	500'	700'	1,000'	200'	250'	0'
17	Visual	II	4,119.3'	150'	300'	500'	500'	700'	1,000'	200'	250'	0'
35	Visual	II	4,167.5'	150'	300'	500'	500'	700'	1,000'	200'	250'	0'

AIRPORT DATA		
ITEM	EXISTING	FUTURE
AIRPORT ELEVATION (MSL)	4,153.6'	4,167.5' MSL
SERVICE LEVEL	PRIMARY	SAME
AIRPORT ROLE	COMMERCIAL SERVICE	SAME
AIRPORT REFERENCE CODE (ARC)	C - III	SAME
CRITICAL DESIGN AIRCRAFT	BOEING 727-200	SAME
OWNED BY	CITY AND COUNTY OF TWIN FALLS	
AIRPORT REFERENCE POINT (1983 DATUM)	LATITUDE N 42° 28' 54.50" LONGITUDE W 114° 29' 15.90"	N 42° 28' 52.11" W 114° 29' 20.58"
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	89.7° F	SAME
TAXIWAY LIGHTING	MITL	SAME
TAXIWAY MARKINGS	BASIC	SAME
AIRPORT AND NAVIGATIONAL AIDS	TWF VORTAC, WIND CONE, NDB	SAME



ITEM	HOLD SHORT POINT				DISTANCE AVAILABLE	
	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
RUNWAY 07	RWY 12-30	N/A	4,500'	N/A		
RUNWAY 25	RWY 12-30	RWY 17-35	3,600'	6,175'		
RUNWAY 12	RWY 07-25	N/A	2,750'	N/A		
RUNWAY 30	N/A	N/A	N/A	N/A		
RUNWAY 17	N/A	N/A	N/A	N/A		
RUNWAY 35	N/A	N/A	N/A	N/A		

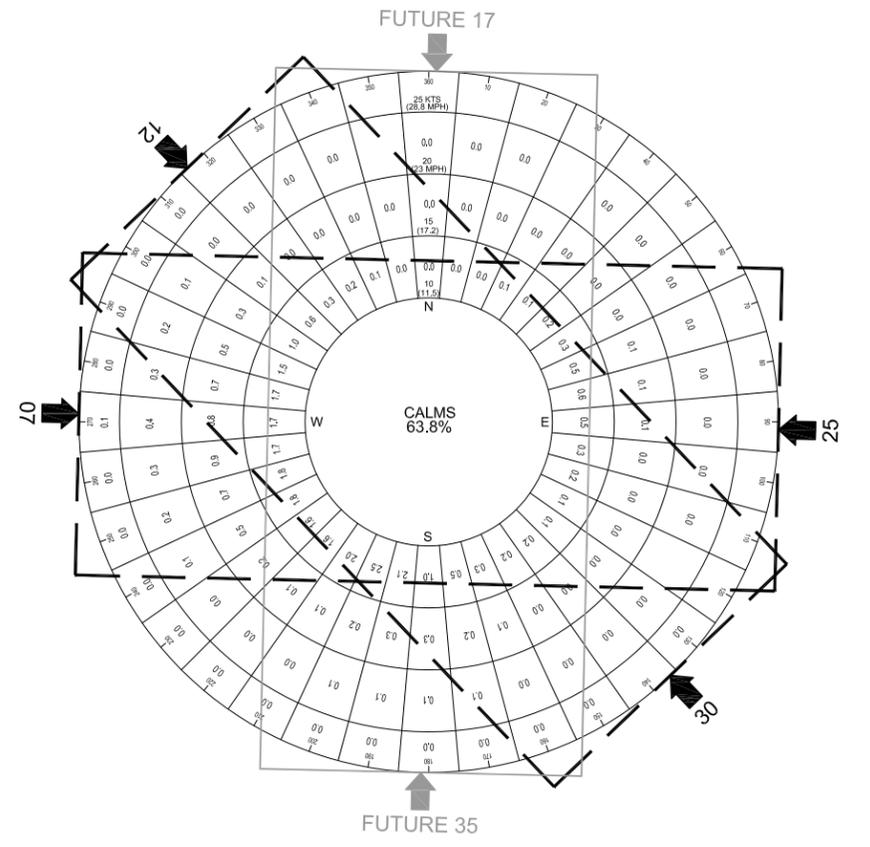
Note: There are no declared distances listed in the Airport/Facility Directory (AFD).

ITEM	WIDTH		SAFETY AREA		OBJECT FREE AREA	
	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
TAXIWAY A	75 ft.	SAME	85.5 ft.	SAME	129.5 ft.	SAME
TAXIWAY A1	90 ft.	SAME	85.5 ft.	SAME	129.5 ft.	SAME
TAXIWAY A2	50 ft.	SAME	59 ft.	SAME	93 ft.	SAME
TAXIWAY A3	90 ft.	SAME	85.5 ft.	SAME	129.5 ft.	SAME
TAXIWAY A4	75 ft.	SAME	85.5 ft.	SAME	129.5 ft.	SAME
TAXIWAY A5	102.5 ft.	SAME	85.5 ft.	SAME	129.5 ft.	SAME
TAXIWAY B	N/A	35 ft.	N/A	39.5 ft.	N/A	65.5 ft.
TAXIWAY B1	N/A	35 ft.	N/A	39.5 ft.	N/A	65.5 ft.
TAXIWAY B2	N/A	35 ft.	N/A	39.5 ft.	N/A	65.5 ft.
TAXIWAY G	35 ft.	SAME	39.5 ft.	SAME	65.5 ft.	SAME
TAXIWAY H	35 ft.	SAME	39.5 ft.	SAME	65.5 ft.	SAME
TAXIWAY J	35 ft.	SAME	39.5 ft.	SAME	65.5 ft.	SAME
TAXIWAY K	35 ft.	SAME	39.5 ft.	SAME	65.5 ft.	SAME

Note: All critical area dimensions (Safety Area and Object Free Area) expressed in distance from centerline to extent of critical area boundary.

MODIFICATIONS TO STANDARDS	
#	DESCRIPTION
1	NONE
2	
3	
4	

NON-STANDARD CONDITIONS	
#	DESCRIPTION
1	NONE
2	
3	
4	



CROSSWIND COMPONENT	EXISTING ALL WEATHER WIND COVERAGE	
	RUNWAY COVERAGE	RUNWAY COVERAGE
7-25	12-30	
10.5 KTS (12.1 MPH)	87.7%	91.3%
13 KTS (15.0 MPH)	93.3%	87.1%
16 KTS (18.4 MPH)	98.3%	95.7%
	99.6%	

CROSSWIND COMPONENT	FUTURE ALL WEATHER WIND COVERAGE	
	RUNWAY COVERAGE	RUNWAY COVERAGE
7-25	17-35	
10.5 KTS (12.1 MPH)	87.7%	98.8%
13 KTS (15.0 MPH)	93.3%	87.7%
16 KTS (18.4 MPH)	98.3%	93.7%
	100.0%	

Source: National Climatic Data Center Hourly Weather Observations January 1, 2000 - December 31, 2009

Source: National Climatic Data Center Hourly Weather Observations January 1, 2000 - December 31, 2009

In Association With:

TWIN FALLS, IDAHO

DATA SHEET

FAA DISCLAIMER: The contents do not necessarily reflect the official views or policy of the FAA. Acceptance of this plan 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 in accordance with appropriate public laws.

APPROVED BY:

Federal Aviation Administration

APPROVED BY AIRPORT SPONSOR:

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Title: _____

Date: _____

REVISION HISTORY

NO.	DATE	BY	DESCRIPTION	APPD.

DRAWN BY: MDT

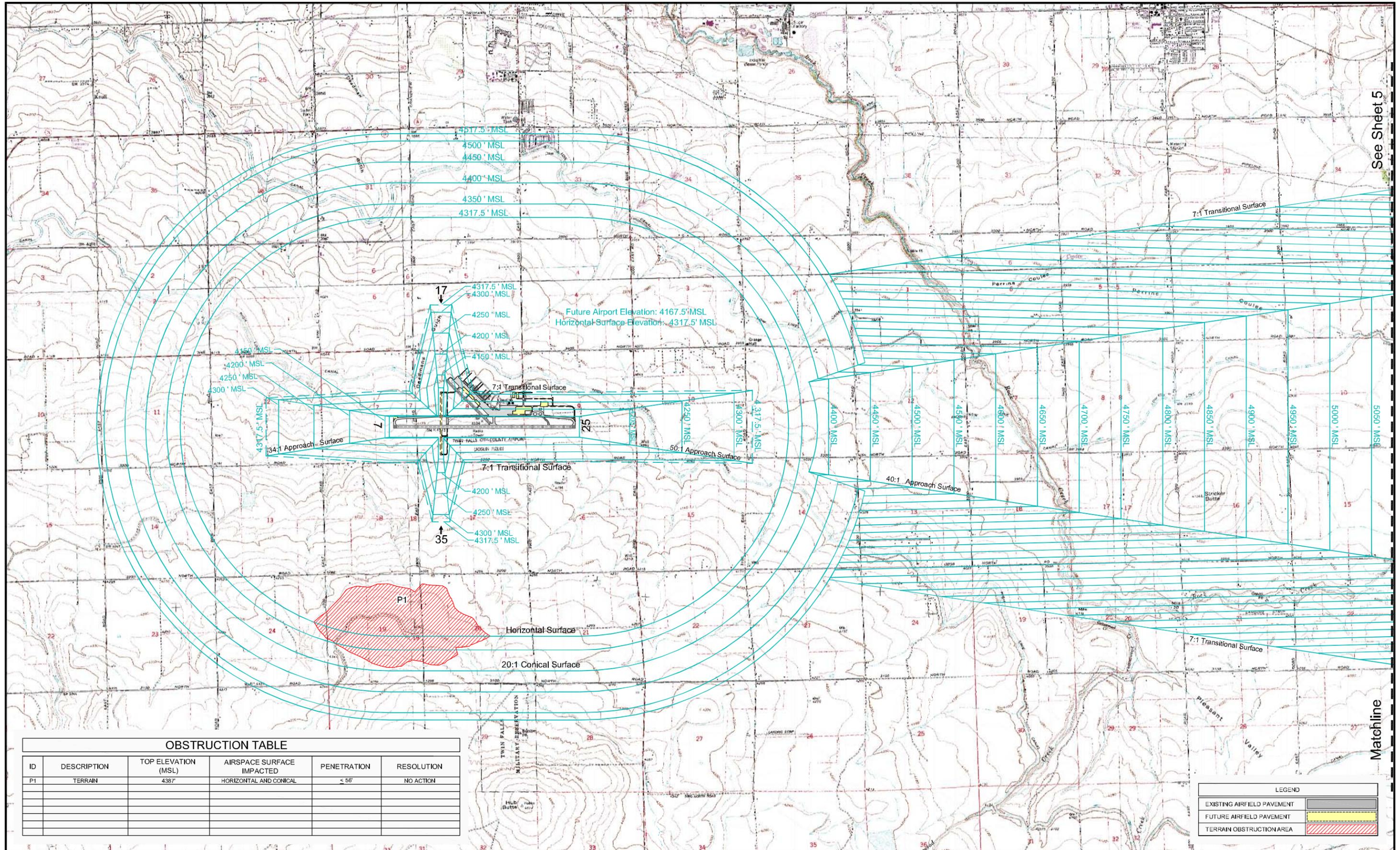
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PREPARED BY: Ricondo & Associates, Inc.

DATE: AUGUST 2012

SHEET 1

See Sheet 5



ID	DESCRIPTION	TOP ELEVATION (MSL)	AIRSPACE SURFACE IMPACTED	PENETRATION	RESOLUTION
P1	TERRAIN	4387'	HORIZONTAL AND CONICAL	< 56'	NO ACTION

LEGEND

EXISTING AIRFIELD PAVEMENT	
FUTURE AIRFIELD PAVEMENT	
TERRAIN OBSTRUCTION AREA	

Matchline



AIRPORT AIRSPACE 1 of 2

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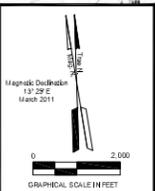
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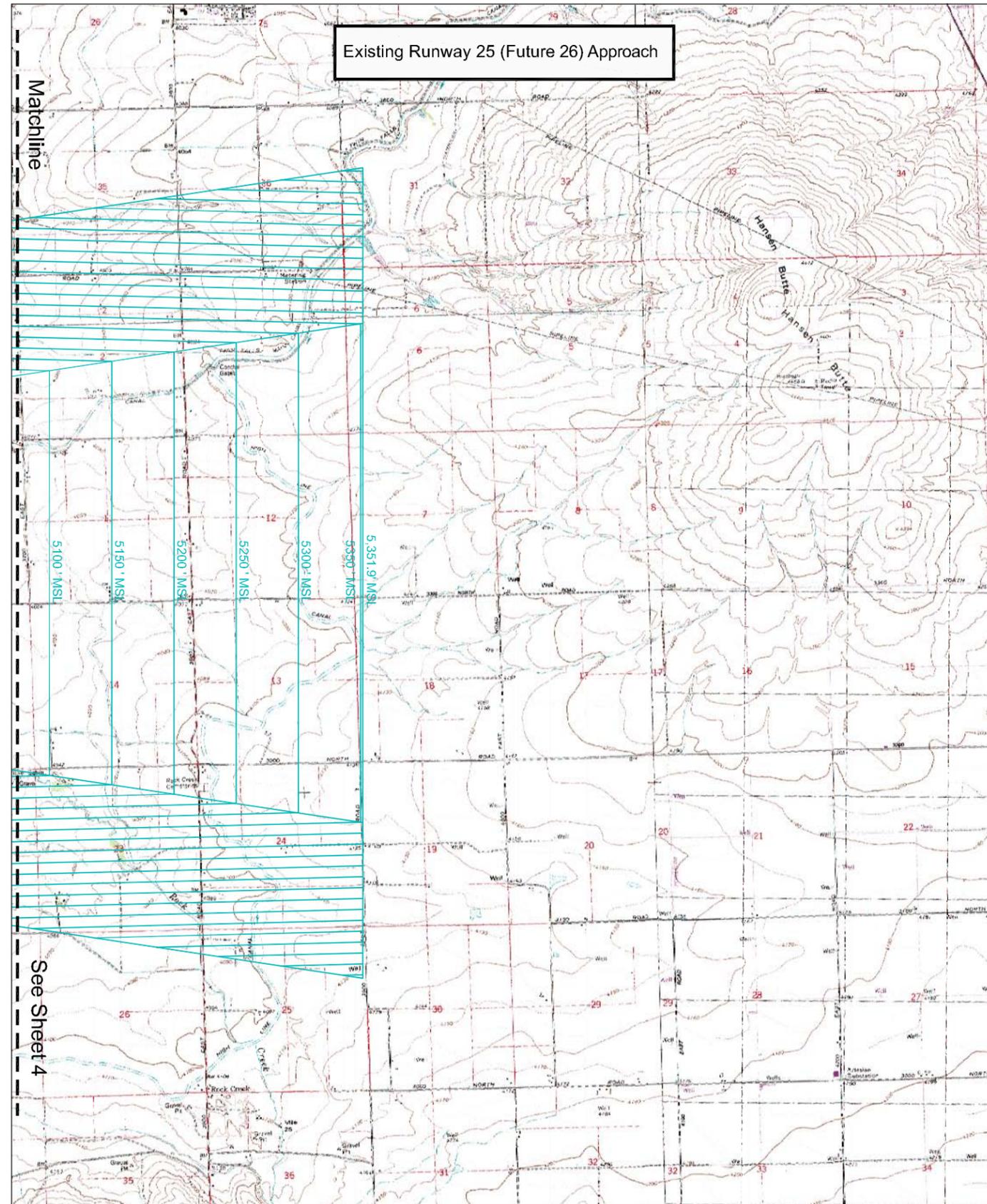
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Title: _____
Date: _____

REVISION HISTORY

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DATE: AUGUST 2012
SHEET 3



In Association With:
RIEDEL
 Engineering



AIRPORT AIRSPACE 2 OF 2

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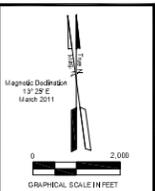
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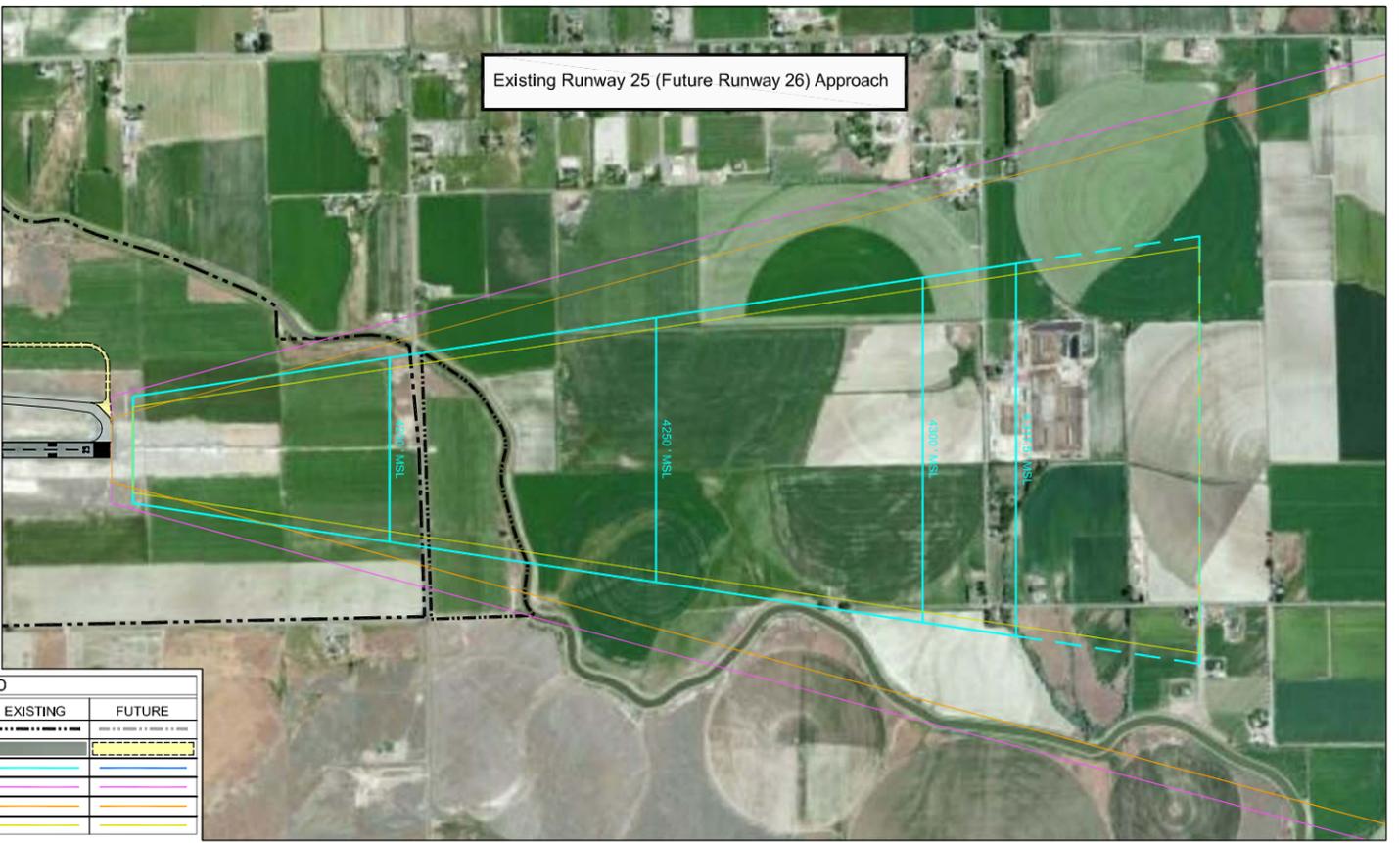
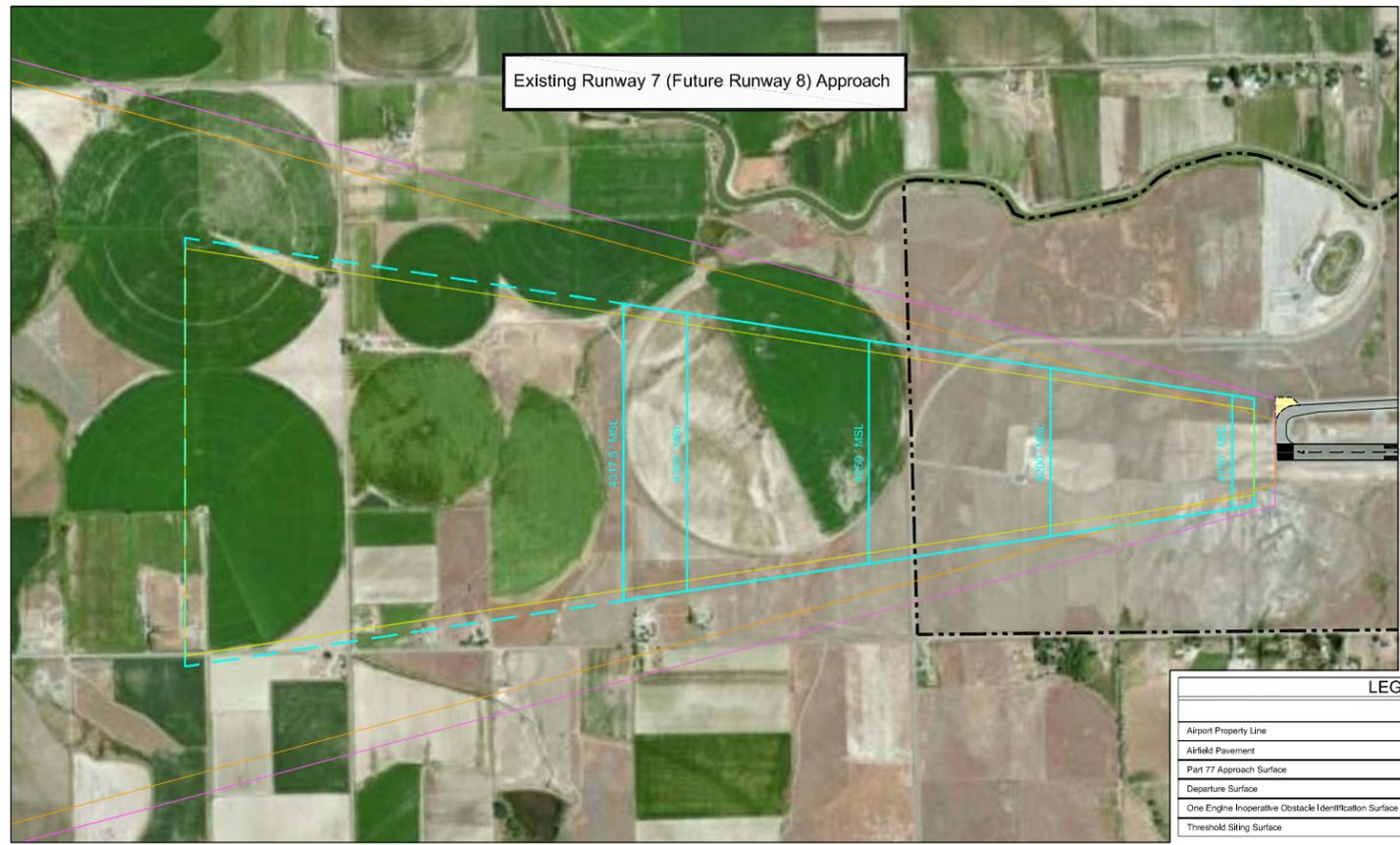
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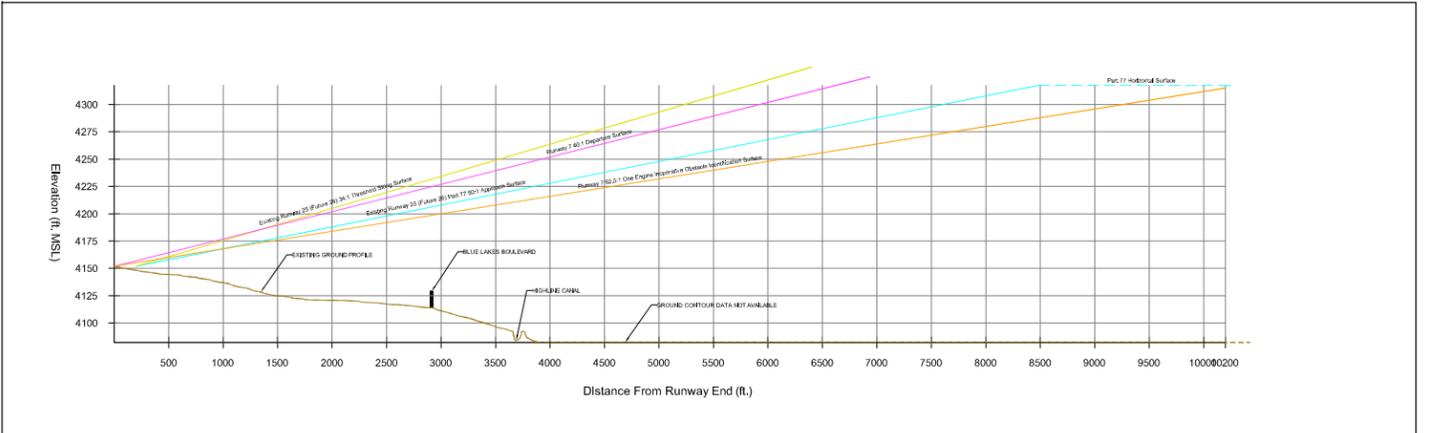
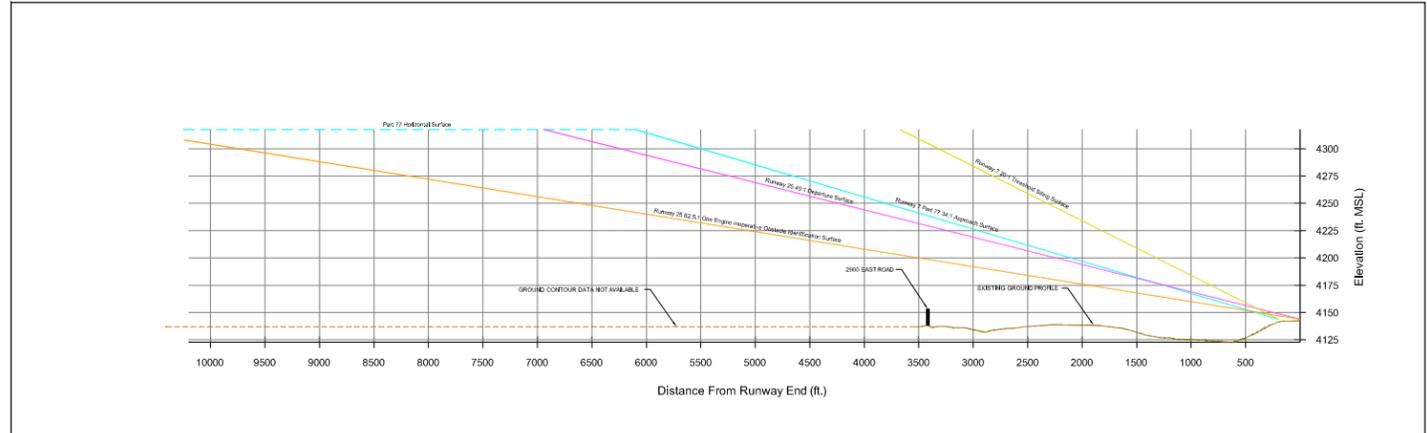


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 Ricondo & Associates, Inc.
DATE: AUGUST 2012
SHEET 4



LEGEND

	EXISTING	FUTURE
Airport Property Line	--- -- -- -- --	--- -- -- -- --
Airfield Pavement	--- -- -- -- --	--- -- -- -- --
Part 77 Approach Surface	--- -- -- -- --	--- -- -- -- --
Departure Surface	--- -- -- -- --	--- -- -- -- --
One Engine Inoperative Obstacle Identification Surface	--- -- -- -- --	--- -- -- -- --
Threshold Siting Surface	--- -- -- -- --	--- -- -- -- --



OBSTRUCTION TABLE

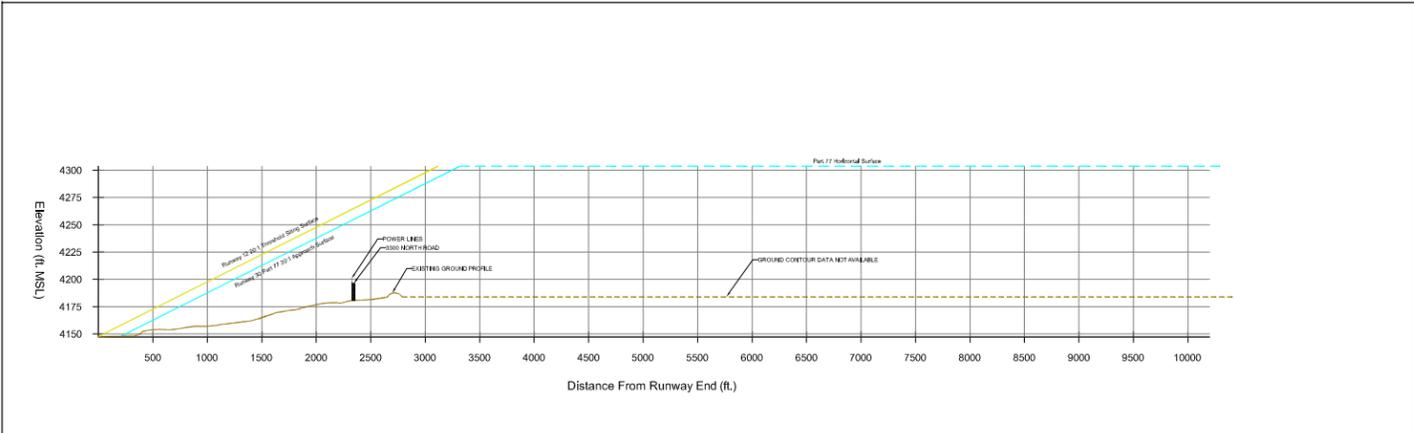
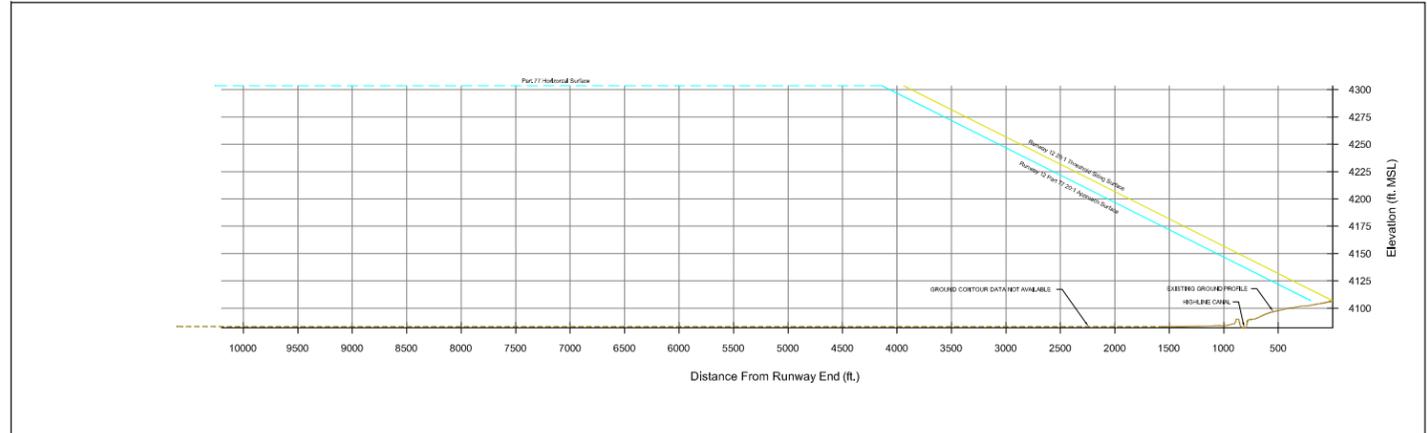
DESCRIPTION	TOP ELEVATION (MSL)	AIRSPACE SURFACE IMPACTED	PENETRATION	RESOLUTION
No Anticipated Penetrations to Airspace Surfaces				

OBSTRUCTION TABLE

DESCRIPTION	TOP ELEVATION (MSL)	AIRSPACE SURFACE IMPACTED	PENETRATION	RESOLUTION
No Anticipated Penetrations to Airspace Surfaces				



LEGEND		
	EXISTING	FUTURE
Airport Property Line	--- -- -- --	--- -- -- --
Airfield Pavement	--- -- -- --	--- -- -- --
Part 77 Approach Surface	--- -- -- --	--- -- -- --
Departure Surface	--- -- -- --	--- -- -- --
One Engine Inoperative Obstacle Identification Surface	--- -- -- --	--- -- -- --
Threshold Siting Surface	--- -- -- --	--- -- -- --



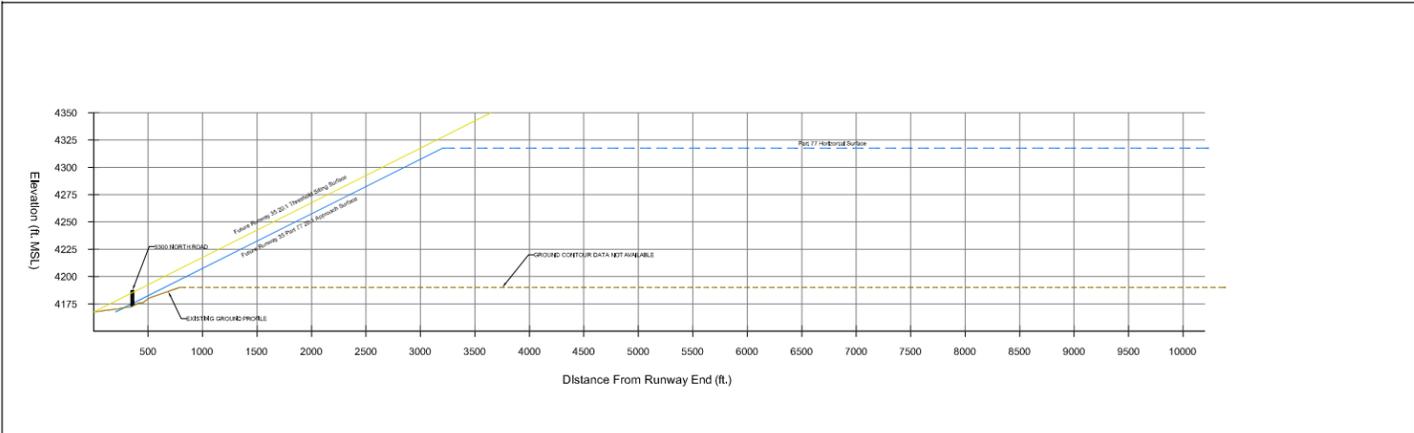
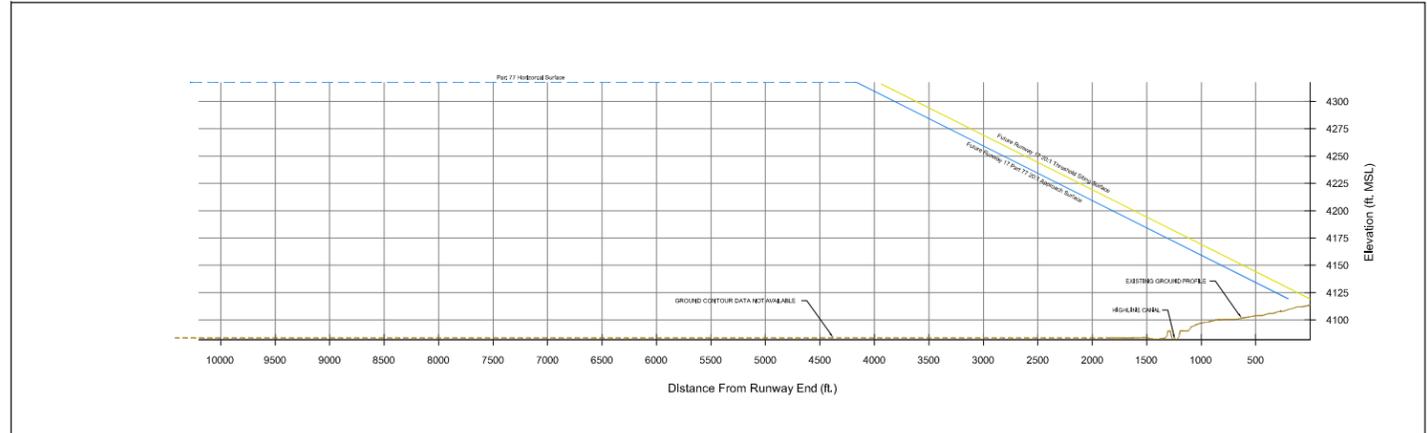
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DESCRIPTION	TOP ELEVATION (MSL)	AIRSPACE SURFACE IMPACTED	PENETRATION	RESOLUTION
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OBSTRUCTION TABLE				
DESCRIPTION	TOP ELEVATION (MSL)	AIRSPACE SURFACE IMPACTED	PENETRATION	RESOLUTION
No Anticipated Penetrations to Airspace Surfaces				



LEGEND

	EXISTING	FUTURE
Airport Property Line	--- -- -- -- --	--- -- -- -- --
Airfield Pavement	--- -- -- -- --	--- -- -- -- --
Part 77 Approach Surface	--- -- -- -- --	--- -- -- -- --
Departure Surface	--- -- -- -- --	--- -- -- -- --
One Engine Inoperative Obstacle Identification Surface	--- -- -- -- --	--- -- -- -- --
Threshold Siting Surface	--- -- -- -- --	--- -- -- -- --



OBSTRUCTION TABLE				
DESCRIPTION	TOP ELEVATION (MSL)	AIRSPACE SURFACE IMPACTED	PENETRATION	RESOLUTION
No Anticipated Penetrations to Airspace Surfaces				

OBSTRUCTION TABLE				
DESCRIPTION	TOP ELEVATION (MSL)	AIRSPACE SURFACE IMPACTED	PENETRATION	RESOLUTION
3300 North Road	4,187.3 ft.	Future Runway 35 Approach Surface	12.6 ft.	SEE NOTE
3300 North Road	4,187.3 ft.	Future Runway 35 Threshold Siting Surface	2.6 ft.	SEE NOTE

Note: The following mitigation options are presented as an example list and may not include all available mitigation options:

- Relocate Roadway
- Shift Future Runway North
- Displace Future Threshold
- Allow daytime-only operations
- Depress roadway surface and raise runway end elevation



INNER PORTION OF FUTURE RUNWAY 17-35 APPROACH

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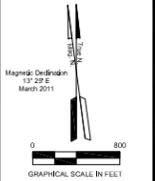
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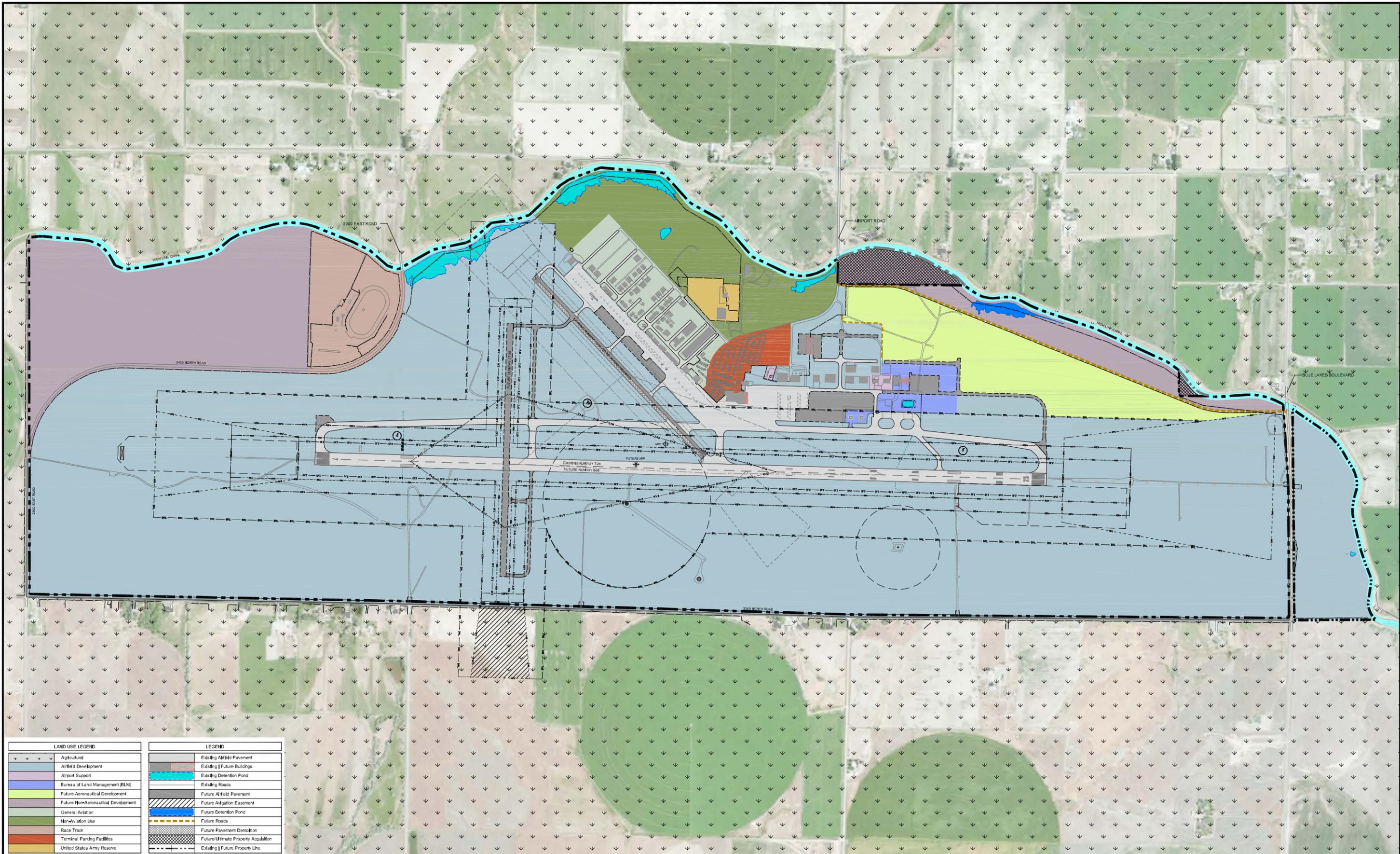
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PREPARED BY: Ricondo & Associates, Inc.

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SHEET 7



LAND USE LEGEND		LEGEND	
	Agricultural		Existing Airfield Pavement
	Airfield Development		Existing Future Buildings
	Airport Support		Existing Detention Pond
	Bureau of Land Management (BLM)		Existing Roads
	Future Aeronautical Development		Future Airfield Pavement
	Future Non-Aeronautical Development		Future Avigation Easement
	General Aviation		Future Detention Pond
	Non-Aviation Use		Future Roads
	Race Track		Future Pavement Demolition
	Terminal Parking Facilities		Future/Ultimate Property Acquisition
	United States Army Reserve		Existing Future Property Line



ON AND OFF AIRPORT LAND USE PLAN

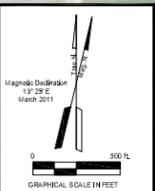
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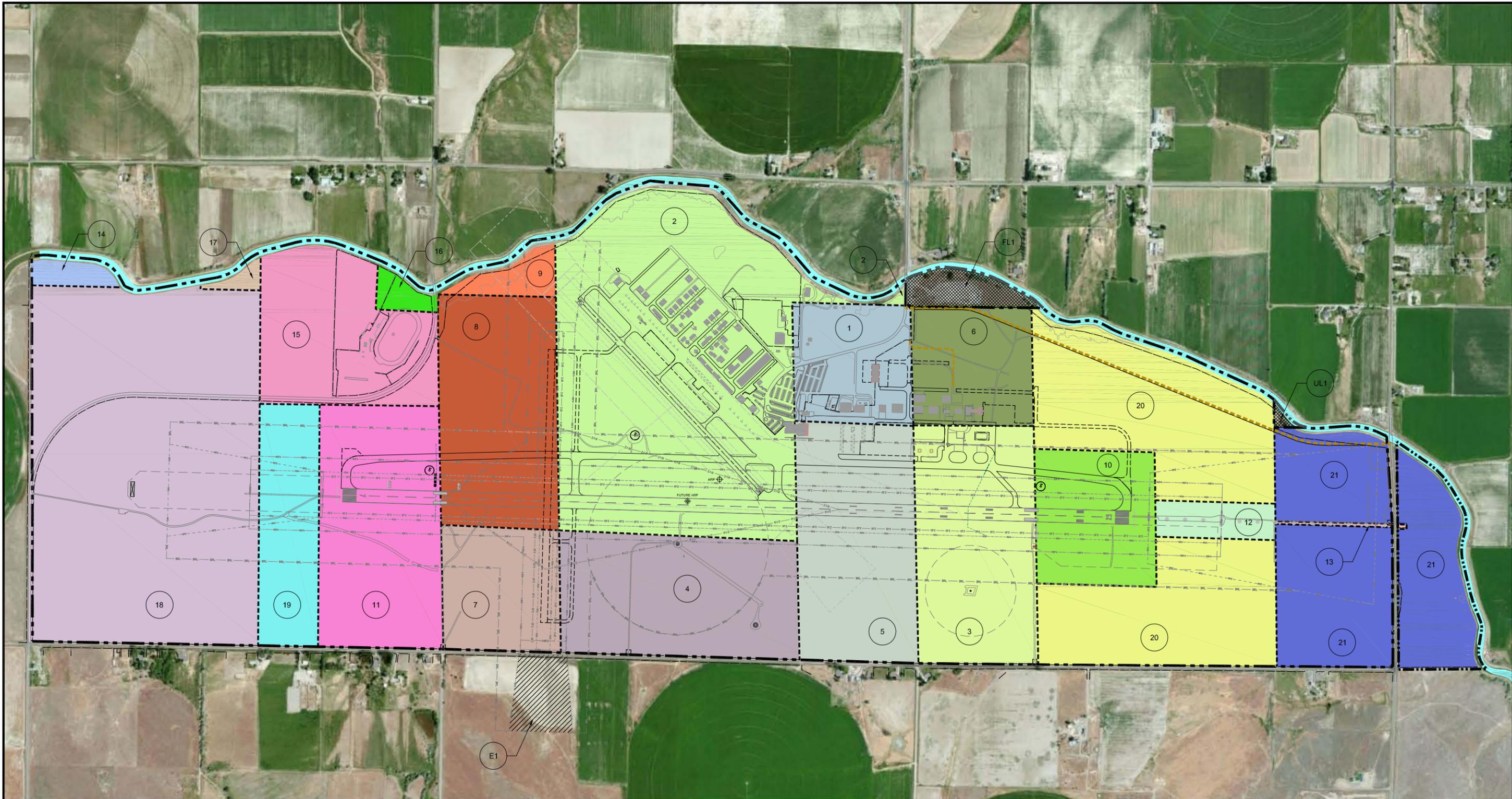
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SHEET 8



LAND ACQUISITION LEGEND										
PARCEL NUMBER	PARCEL	GRANTOR	GRANTEE	INTEREST	INSTRUMENT NUMBER	BOOK & PAGE NUMBER	ACREAGE	DATE	FAA PROJECT NO.	REMARKS
1		GRIFFIN, J.	CITY OF TWIN FALLS	FEE SIMPLE	345064	BK. 140 PG. 3	40	11/21/44	N/A	ACQUIRED W/O ADAP
2		PAULSON, M.	CITY OF TWIN FALLS	FEE SIMPLE	346855	BK. 140 PG. 67	239	2/7/45	N/A	ACQUIRED W/O ADAP
3		INGRAHAM, R.A.	CITY OF TWIN FALLS	FEE SIMPLE	347034	BK. 142 PG. 202	80	2/18/46	N/A	ACQUIRED W/O ADAP
4		CLOUCHEK, E.	CITY OF TWIN FALLS	FEE SIMPLE	357197	BK. 145 PG. 91	80	2/18/46	N/A	ACQUIRED W/O ADAP
5		NELSON, V.	CITY OF TWIN FALLS	FEE SIMPLE	360636	BK. 145 PG. 393	80	5/20/46	N/A	ACQUIRED W/O ADAP
6		NELSON, V.	CITY OF TWIN FALLS	FEE SIMPLE	379925	BK. 153 PG. 361	40	3/23/48	N/A	ACQUIRED W/O ADAP
7		NELSON, V.	CITY OF TWIN FALLS	FEE SIMPLE	440965	BK. 182 PG. 350	40	12/15/54	N/A	ACQUIRED W/O ADAP
8		NELSON, A.J.	CITY OF TWIN FALLS	FEE SIMPLE	440981	BK. 182 PG. 355	80	12/15/54	N/A	ACQUIRED W/O ADAP

LAND ACQUISITION LEGEND										
PARCEL NUMBER	PARCEL	GRANTOR	GRANTEE	INTEREST	INSTRUMENT NUMBER	BOOK & PAGE NUMBER	ACREAGE	DATE	FAA PROJECT NO.	REMARKS
9		NELSON, A.J.	CITY OF TWIN FALLS	FEE SIMPLE	440980	BK. 181 PG. 468	15	12/15/54	N/A	ACQUIRED W/O ADAP
10		NELSON, G.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	595894	BK. 220 PG. 2069	44.9	2/4/69	8-16-0036-01	LAND REIMBURSEMENT
11		NELSON, SORENSON, BUTLER	TWIN FALLS COUNTY	FEE SIMPLE	643777	BK. 223 PG. 1846	80	12/19/72	8-16-0036-01	
12		NELSON, G.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	643891	BK. 223 PG. 1918	12.1	12/20/72	8-16-0036-02	
13		RAYL, R.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	643895	BK. 223 PG. 1920	1.3	12/21/72	8-16-0036-02	
14		GRISEZ, J.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	738596	BK. 228 PG. 3270	5	6/8/78	8-16-0036-06	
15		CARTER, L.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	738603	BK. 228 PG. 3275	70	6/8/78	8-16-0036-06	
16		DICKSON, J.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	738605	BK. 228 PG. 3277	4	6/8/78	8-16-0036-06	

LAND ACQUISITION LEGEND										
PARCEL NUMBER	PARCEL	GRANTOR	GRANTEE	INTEREST	INSTRUMENT NUMBER	BOOK & PAGE NUMBER	ACREAGE	DATE	FAA PROJECT NO.	REMARKS
17		SMITH, R.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	753317	BK. 229 PG. 2482	3	2/16/79	8-16-0036-06	
18		SMITH, R.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	753318	BK. 229 PG. 2483	232	2/16/79	8-16-0036-06	
19		SMITH, CARTER, MANSFIELD	TWIN FALLS CITY & COUNTY	FEE SIMPLE	753319	BK. 229 PG. 2484	40	2/16/79	8-16-0036-06	
20		NELSON, G.	CITY OF TWIN FALLS	FEE SIMPLE	908791	BK. 236 PG. 2339	155	9/16/86	3-16-0036-02	
21		RAYL, R.	TWIN FALLS CITY & COUNTY	FEE SIMPLE	970600	BK. 240 PG. 585	120	5/21/90	3-16-0036-05	
FL1		REEDER	TWIN FALLS CITY & COUNTY	FUTURE LAND	TBD	TBD	TBD	TBD	TBD	FUTURE ACQUISITION
UL1		HARRIS, K&R	TWIN FALLS CITY & COUNTY	ULTIMATE LAND	TBD	TBD	TBD	TBD	TBD	FUTURE ACQUISITION
E1		TBD	TWIN FALLS CITY & COUNTY	FUTURE EASEMENT	TBD	TBD	TBD	TBD	TBD	FUTURE EASEMENT



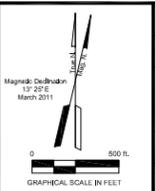
AIRPORT PROPERTY MAP

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APPROVED BY: _____
Date _____

APPROVED BY AIRPORT SPONSOR:
Signature _____
Title _____
Date _____

REVISION HISTORY			
NO.	DATE	BY	DESCRIPTION



DRAWN BY: MDT
CHECKED BY: JJB
PREPARED BY: Ricondo & Associates, Inc.
DATE: AUGUST 2012
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