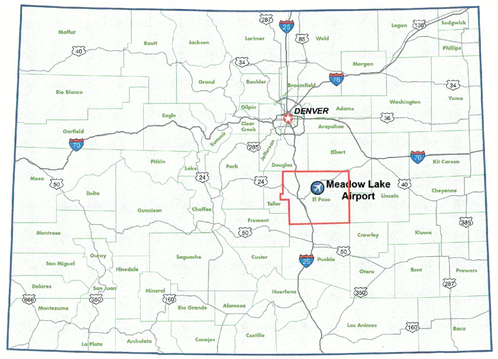
AIRPORT LAYOUT PLAN DRAWING SET

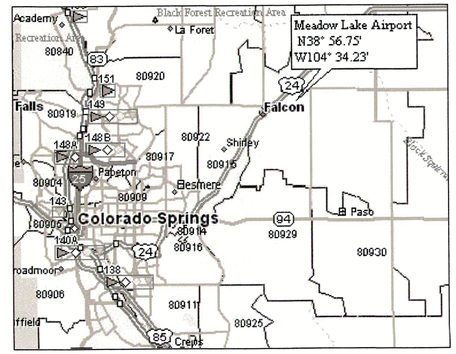
MEADOW LAKE AIRPORT

PEYTON, COLORADO

MAY 2019



LOCATION MAP
N.T.S.



VICINITY MAP
N.T.S.

THE PREPARATION OF THIS DOCUMENT WAS SUPPORTED, IN PART, THROUGH THE COLORADO DISCRETIONARY AVIATION GRANT PROGRAM WITH FINANCIAL ASSISTANCE FROM THE COLORADO DEPARTMENT OF TRANSPORTATION, DIVISION OF AERONAUTICS (GRANT 14-FLY-01) DIVISION OF AERONAUTICS. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE CDOT DIVISION OF AERONAUTICS OR THE FEDERAL AVIATION ADMINISTRATION (FAA). ACCEPTANCE OF THIS AIRPORT LAYOUT 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 OR WOULD HAVE JUSTIFICATION IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

INDEX OF DRAWINGS

SPONSOR APPROVAL

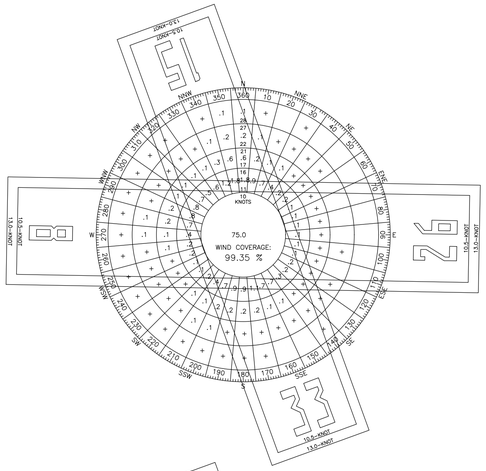
ACCEPTED:

05/23/2019
DATE

ALL WEATHER WIND COVERAGE		
RUNWAY	10.5 KNOTS	13 KNOTS
15/33	94.19%	97.09%
8/26	82.89%	88.96%
15/33 & 8/26	98.01%	99.35%

WIND DATA SOURCE

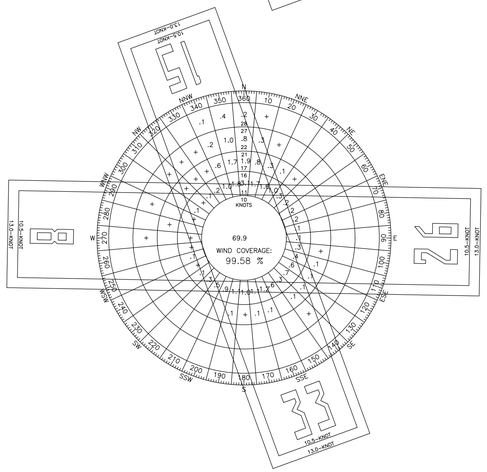
SOURCE: NATIONAL CLIMATE DATA CENTER
STATION: MEADOW LAKE AIRPORT, 720852
PERIOD: 2010–2017
NUMBER OF OBSERVATIONS: 116,400



IFR WIND COVERAGE		
RUNWAY	10.5 KNOTS	13 KNOTS
15/33	95.87%	98.70%
8/26	74.68%	82.03%
15/33 & 8/26	97.51%	99.58%

WIND DATA SOURCE

SOURCE: NATIONAL CLIMATE DATA CENTER
STATION: MEADOW LAKE AIRPORT, 720852
PERIOD: 2010–2017
NUMBER OF OBSERVATIONS: 116,400



NOTES:

1. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
2. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
3. ALL NAVIGATION AND COMMUNICATION AIDS ARE AIRPORT OWNED
4. VERTICAL POSITION INCLUDING ROAD OBSTRUCTION POINTS TAKEN FROM THE NATIONAL SPATIAL DATASET US GEOLOGICAL SURVEY TOPO 7.5-MINUTE QUAD

RUNWAY DATA TABLE

ITEM	RUNWAY 15/33 EXISTING	RUNWAY 15/33 FUTURE	RUNWAY 8/26 EXISTING	RUNWAY 8/26 FUTURE	RUNWAY 15G/33G EXISTING	RUNWAY 15G/33G FUTURE
RUNWAY DESIGN CODE (RDC)	B-I-VIS	B-II-5,000	A-I-VIS	SAME	A-I-VIS (UTILITY)	A-I-VIS (UTILITY)
APPROACH REFERENCE CODE (APRC)	B/I(S)/(VIS)	B/III/5,000 D/II/5,000	B/I(S)/(VIS)	B/I(S)/(VIS)	B/I(S)/(VIS)	B/I(S)/(VIS)
DEPARTURE REFERENCE CODE (DPRC)	B/I(S)	B/III D/II	B/I(S)	B/I(S)	B/I(S)	B/I(S)
RUNWAY WIDTH AND LENGTH	60' x 6,000'	75' x 6,750'	35' x 2,084'	60' x 2,545'	200' x 5,000'	60' x 4,600'
RUNWAY SURFACE COMPOSITION	ASPHALT	ASPHALT	ASPHALT/GRAVEL	ASPHALT	TURF	TURF
PAVEMENT DESIGN/STRENGTH						
SINGLE WHEEL GEAR (SWG)	12,500	30,000	5,000	12,500	N/A	N/A
PERCENT EFFECTIVE GRADIENT	1.45%	0.89%	1.13%	0.03%	1.1%	1.1%
PCN VALUE	6/F/B/Y/U	TBD	6/F/B/Y/U	TBD	N/A	N/A
SURFACE TREATMENTS	NONE	TBD	NONE	TBD	N/A	N/A
PERCENT WIND COVERAGE						
10.5 KNOT ALL WEATHER	94.19%	SAME	82.89%	SAME	94.19%	SAME
13 KNOT ALL WEATHER	97.09%	SAME	88.96%	SAME	97.09%	SAME
RUNWAY SAFETY AREA DIMENSIONS	120' x 6,480'	150' x 7,350'	120' x 2,564'	120' x 3,230'	200' x 5,480'	120' x 5,080'
RUNWAY LIGHTING	MEDIUM INTENSITY (MIRL)	MEDIUM INTENSITY (MIRL)	NONE	MIRL	NONE	NONE
APPROACH RUNWAY PROTECTION ZONE (RPZ)	250' x 450' x 1,000'	500' x 700' x 1,000'	250' x 450' x 1,000'	SAME	250' x 450' x 1,000'	SAME
RUNWAY MARKING	NON-PRECISION	NON-PRECISION	VISUAL	VISUAL	NONE	NONE
14 CFR PART 77 APPROACH CATEGORY	(15) 20:1 (33) 20:1	(15) 34:1 (33) 34:1	(8) 20:1 (26) 20:1	(8) 20:1 (26) 20:1	(15G) 20:1 (33G) 20:1	(15G) 20:1 (33G) 20:1
APPROACH TYPE	(15) VISUAL (33) VISUAL	(15) NON-PRECISION (33) NON-PRECISION	(8) VISUAL (26) VISUAL	(8) VISUAL (26) VISUAL	(15G) VISUAL (33G) VISUAL	(15G) VISUAL (33G) VISUAL
VISIBILITY MINIMUMS	(15) VISUAL (33) VISUAL	(15) 1-MILE (33) 1-MILE	(8) VISUAL (26) VISUAL	(8) VISUAL (26) VISUAL	(15G) VISUAL (33G) VISUAL	(15G) VISUAL (33G) VISUAL
TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH	NOT VERTICALLY GUIDED	VERTICALLY GUIDED	NOT VERTICALLY GUIDED	SAME	NOT VERTICALLY GUIDED	NOT VERTICALLY GUIDED
RUNWAY DEPARTURE SURFACE	N/A	(15) YES (33) YES	N/A	N/A	N/A	N/A
RUNWAY OBJECT FREE AREA	250' x 6,480'	500' x 7,350'	250' x 2,564'	250' x 3230'	250' x 5,480'	250' x 5,080'
OBSTACLE FREE ZONE	250' x 6,400'	400' x 7,150'	250' x 2,564'	250' x 3,150'	250' x 5,400'	250' x 5,000'
THRESHOLD SITING SURFACE (TSS)	250' X 700' X 2,250' SLOPE 20:1	400' X 3,800' X 10,000' SLOPE 20:1	250' X 700' X 2,250' SLOPE 20:1	250' X 700' X 2,250' SLOPE 20:1	250' X 700' X 2,250' SLOPE 20:1	250' X 700' X 2,250' SLOPE 20:1
TSS PENETRATIONS	NO TSS PENETRATION	NO TSS PENETRATION	NO TSS PENETRATION	NO TSS PENETRATION	NO TSS PENETRATION	NO TSS PENETRATION
VISUAL AND INSTRUMENT APPROACH NAVAIDS	(15) PAPI-2 (33) PAPI-2	(15) PAPI-2, GPS (33) PAPI-2, GPS, SIMPLIFIED APPROACH LIGHTING SYSTEM (BOTH RUNWAYS)	(8) NONE (26) NONE	(8) NONE (26) NONE	(15G) NONE (33G) NONE	(15G) NONE (33G) NONE
TOUCHDOWN ZONE ELEVATION (TDZE)	(15) 6877.6' (33) 6821.2'	(15) 6825.63' (33) 6780.98'	(8) 6820.3' (26) 6820.3'	(8) 6817.42' (26) 6817.42'	(15G) 6833.44' (33G) 6802.5'	(15G) 6794.05' (33G) 6774.52'
TAXIWAYS	TAXIWAY A	TAXIWAY A AND B	NONE	TAXIWAY C	NONE	NONE
WIDTH	25'	35'	N/A	25'	N/A	N/A
SAFETY AREA DIMENSIONS	49'	79'	N/A	49'	N/A	N/A
OBJECT FREE AREA WIDTH	89'	131'	N/A	89'	N/A	N/A
TAXIWAY EDGE SAFETY MARGIN	5'	7.5'	N/A	5'	N/A	N/A
TAXIWAY-RUNWAY SEPARATION	156.5' – 225'	300'	N/A	150'	N/A	N/A
LIGHTING	MEDIUM INTENSITY (MITL)	MEDIUM INTENSITY (MITL)	NONE	REFLECTORS	NONE	NONE
VERTICAL AND HORIZONTAL DATUM	NAVD88 (V), NAD83 (H)	NAVD88 (V), NAD83 (H)	NAVD88 (V), NAD83 (H)	NAVD88 (V), NAD83 (H)	NAVD88 (V), NAD83 (H)	NAVD88 (V), NAD83 (H)

RUNWAY END DATA

ITEM	RUNWAY 15/33 EXISTING	RUNWAY 15/33 FUTURE	RUNWAY 8/26 EXISTING	RUNWAY 8/26 FUTURE	RUNWAY 15G/33G EXISTING	RUNWAY 15G/33G FUTURE
RUNWAY END ELEVATIONS	(15) 6873.6' (33) 6787.2'	(15) 6825.63' (33) 6769.06'	(8) 6820.30' (26) 6772.00'	(8) 6817.42' (26) 6795.17'	(15G) 6833.44' (33G) 6776.61'	(15G) 6794.05' (33G) 6758.25'
RUNWAY END COORDINATES	(15) LAT: 38°57'12.4931"N LONG: 104°34'28.6012"W	(15) LAT: 38°56'46.41"N LONG: 104°34'19.44"W	(8) LAT: 38°56'45.4150"N LONG: 104°34'13.6766"W	(8) LAT: 38°56'43.52"N LONG: 104°34'10.27"W	(15G) LAT: 38°56'39.7807"N LONG: 104°34'21.9802"W	(15G) LAT: 38°56'30.91"N LONG: 104°34'02.99"W
	(33) LAT: 38°56'16.6346"N LONG: 104°34'03.2149"W	(33) LAT: 38°55'43.56"N LONG: 104°33'50.87"W	(26) LAT: 38°56'45.0179"N LONG: 104°33'47.4304"W	(26) LAT: 38°56'43.16"N LONG: 104°33'38.04"W	(33G) LAT: 38°55'53.2149"N LONG: 104°34'00.8109"W	(33G) LAT: 38°55'48.07"N LONG: 104°33'43.53"W
DISPLACED THRESHOLD ELEVATIONS	N/A	N/A	N/A	N/A	N/A	N/A
DISPLACED THRESHOLD COORDINATES	N/A	N/A	N/A	N/A	N/A	N/A

DECLARED DISTANCES

RUNWAY	TAKEOFF RUNWAY AVAILABLE (TORA) EXISTING	TAKEOFF RUNWAY AVAILABLE (TORA) FUTURE	TAKEOFF DIST. AVAILABLE (TODA) EXISTING	TAKEOFF DIST. AVAILABLE (TODA) FUTURE	ACCELERATE STOP DIST. AVAILABLE (ASDA) EXISTING	ACCELERATE STOP DIST. AVAILABLE (ASDA) FUTURE	LANDING DIST. AVAILABLE (LDA) EXISTING	LANDING DIST. AVAILABLE (LDA) FUTURE
15	6,000'	6,750'	6,000'	6,750'	6,000'	6,750'	6,000'	6,750'
33	6,000'	6,750'	6,000'	6,750'	6,000'	6,750'	6,000'	6,750'
8	2,084'	2,545'	2,084'	2,545'	2,084'	2,545'	2,084'	2,545'
26	2,084'	2,545'	2,084'	2,545'	2,084'	2,545'	2,084'	2,545'
15G	5,000'	4,600'	5,000'	4,600'	5,000'	4,600'	5,000'	4,600'
33G	5,000'	4,600'	5,000'	4,600'	5,000'	4,600'	5,000'	4,600'

MODIFICATION TO DESIGN STANDARDS

RUNWAY	ITEM	STANDARD	COMMENTS
TURF RUNWAY 15/33	FUTURE RUNWAY TO PARALLEL RUNWAY SEPARATION.	MINIMUM RUNWAY CENTERLINE TO PARALLEL RUNWAY CENTERLINE SEPARATION OF 700 FEET FOR SIMULTANEOUS VFR OPERATIONS.	EXISTING SEPARATION OF 614 FEET. FAA APPROVAL IS CONDITIONED ON TURF RUNWAY OPERATED ONLY AS AN ALTERNATE LANDING AREA – NO SIMULTANEOUS OPERATIONS ON RUNWAY 15/33 AND RUNWAY 15G/33G. FUTURE RUNWAY 15G/33G WILL BE CONSTRUCTED TO MEET FAA SEPARATION STANDARDS.

FAA APPROVAL DATE: AUGUST 8, 2011 AIRSPACE CASE NO. 2011-ANM-154-NRA

AIRPORT DATA TABLE

ITEM	EXISTING	FUTURE
AIRPORT REFERENCE CODE (ARC)	B-I-SMALL	B-II
MEAN MAX. TEMP. – HOTTEST MONTH	85° (JULY)	SAME
AIRPORT ELEVATION (MSL)	6873.6'	SAME
AIRPORT NAVIGATIONAL AIDS	PAPI, ROTATING BEACON	PAPI, GPS, ROTATING BEACON
MISCELLANEOUS FACILITIES	LIGHTED WINDCONE, AWOS-3PT, MIRL ON RWY 15/33, RWY THRESHOLD REFLECTORS	LIGHTED WINDCONE, AWOS-3PT, MIRL ON RWY 15/33, RWY THRESHOLD REFLECTORS, APPROACH LIGHTING SYSTEM
AIRPORT REFERENCE POINT (ARP)	LATITUDE 38°56'44.68" N LONGITUDE 104°34'11.92" W	LATITUDE 38°56'19.24"N LONGITUDE 104°33'58.55" W
CRITICAL AIRCRAFT	PIPER PA-31 NAVAJO	CESSNA CITATION 500 SERIES
WINGSPAN	40.7'	51'
TAIL HEIGHT	13'	15'
MAX. T.O. WEIGHT	6,200 LBS	17,110 LBS
UNDERCARRIAGE	SW	SW
APPROACH SPEED	100 KNOTS	111 KNOTS
* MAGNETIC VARIATION	8°13'E ± 0°21' CHANGING 0°6' W PER YEAR	SAME
NPIAS SERVICE LEVEL	GA RELIEVER/REGIONAL	SAME
NPIAS STATE EQUIVALENT SERVICE ROLE	RELIEVER	SAME

* SOURCE: NATIONAL GEOPHYSICAL DATA CENTER 12/2013

DRAWING LEGEND

ITEM	EXISTING
AIRPORT PROPERTY BOUNDARY	
AIRPORT PAVEMENT	
TURF RUNWAY	
BUILDING/HANGAR	
RUNWAY PROTECTION ZONE (RPZ)	
* RESIDENTIAL THROUGH THE FENCE (RTTF)	
BUILDING RESTRICTION LINE (35')	BRL(E)
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)
RUNWAY SAFETY AREA (RSA)	RSA(E)
OBJECT FREE ZONE - RUNWAY (ROFZ)	ROFZ(E)
THRESHOLD SITING SURFACE (TSS)	TSS(E)
APPROACH SURFACE (20:1)	AP 20:1(E)
FENCE (4')	
WILDLIFE FENCE (6')	
AWOS-3PT	
PAPI	
WINDCONE	
SEGMENTED CIRCLE	
AIRPORT REFERENCE POINT (ARP)	
PRIMARY/SECONDARY AIRPORT CONTROL STATION	
AIRPORT BEACON	

* SOURCE: MLAA

AIRPORT FACILITY LEGEND

EXISTING ID	ITEM	TOP ELEVATIONS
1	TERMINAL BUILDING	6,871.14'
2	AWOS	6,800.26'
3	PAPI	6,853.71'
4	PAPI	6,796.49'
5	SEGMENTED CIRCLE AND WIND CONE	6,807.30'
6	AIRPORT BEACON	6,871.23'

NOTES:

1. ALL HORIZONTAL COORDINATES - NAD83/2011
   ALL VERTICAL COORDINATES - NAD88
2. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 - MINUTE QUAD
3. ALL PONDS AND STREAMS ARE LOCATED ON PRIVATE PROPERTY AND NOT PUBLICLY NAMED
4. VERTICAL POSITION INCLUDING ROAD OBSTRUCTION POINTS TAKEN FROM THE NATIONAL SPATIAL DATASET US GEOLOGICAL SURVEY TOPO 7.5-MINUTE QUAD
5. CDOT STUDYING WIDENING ROUTE 24, AS WELL AS RELOCATING JUDGE ORR RD. AND BLUE GILL DR. IN THE VICINITY OF MEADOWLAKE AIRPORT. FINAL ALIGNMENTS AND CONSTRUCTION DATES TO BE DETERMINED.
6. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

8°13'E MAGNETIC TRUE

GRAPHIC SCALE
0 200 400 800
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

CONDITIONALLY APPROVED

SUBJECT TO LETTER DATED: 5/31/19

FEDERAL AVIATION ADMINISTRATION DENVER AIRPORTS DISTRICT OFFICE

DATE: May 31, 2019

CASE NUMBER: 2019-ANM-665-NRA

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.	
DR: B.L.R.	
CH: S.E.S.	
APP: D.F.N.	

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

AIRPORT LAYOUT PLAN

AIRPORT LAYOUT PLAN - EXISTING

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.

03 of 21

DRAWING LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		SAME
AIRPORT PAVEMENT		
TURF RUNWAY		
BUILDING/HANGAR		
RUNWAY PROTECTION ZONE (RPZ)		
* RESIDENTIAL THROUGH THE FENCE (RTTF)		
BUILDING RESTRICTION LINE (35')		BRL(F)
RUNWAY OBJECT FREE AREA (ROFA)		ROFA(F)
RUNWAY SAFETY AREA (RSA)		RSA(F)
OBJECT FREE ZONE - RUNWAY (ROFZ)		ROFZ(F)
APPROACH SURFACE (20:1)		AP 20:1(F)
FENCE (4')		
WILDLIFE FENCE (6')		
SECURITY FENCE (8')		
RUNWAY END LIGHT		
RUNWAY END IDENTIFIER LIGHTS (REIL)		
AWOS-3PT		
PAPI		
WINDCONE		
SEGMENTED CIRCLE		
AIRPORT REFERENCE POINT (ARP)		
PRIMARY/SECONDARY AIRPORT CONTROL STATION		

* SOURCE: MLAA

AIRPORT FACILITY LEGEND

EXISTING ID	ITEM	FUTURE ID	TOP ELEVATION
	FIXED BASE OPERATOR	1	6,864.99'
	AWOS	2	6,780.01'
	PAPI	3	6,772.59'
	PAPI	4	6,813.33'
	SEGMENTED CIRCLE AND WIND CONE	5	6,777.15'
	RUNWAY END IDENTIFIER LIGHTS (REIL)	6	6,825.89'
	RUNWAY END IDENTIFIER LIGHTS (REIL)	7	6,769.08'
	HANGARS	8	6,839.37'-6,863.46'
	TERMINAL/ADMIN BUILDING	9	6,887.69'
	SNOW REMOVAL EQUIPMENT BUILDING (SRE)	10	6,886.10'

8°13'E MAGNETIC TRUE

GRAPHIC SCALE
0 200 400 800
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

CONDITIONALLY APPROVED

SUBJECT TO LETTER DATED: 5/31/19

FEDERAL AVIATION ADMINISTRATION DENVER AIRPORTS DISTRICT OFFICE

DATE: May 31, 2019

CASE NUMBER: 2019-ANM-665-NRA

NOTES:

1. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
2. AGIS SURVEY HAS NOT BEEN CONDUCTED FOR THIS AIRPORT. COORDINATES ARE BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
3. ALL PONDS AND STREAMS ARE LOCATED ON PRIVATE PROPERTY AND NOT PUBLICLY NAMED.
4. CDOT STUDYING WIDENING ROUTE 24, AS WELL AS RELOCATING JUDGE ORR RD. AND BLUE GILL DR. IN THE VICINITY OF MEADOWLAKE AIRPORT. FINAL ALIGNMENTS AND CONSTRUCTION DATES TO BE DETERMINED.
5. RUNWAY 15/33 WILL BE SHIFTED SOUTH APPROX. 2,730' AND TO THE WEST BY APPROX. 200'. THIS RUNWAY ALSO WILL BE WIDENED TO 75' AND LENGTHENED TO 6,750'
6. FUTURE RUNWAY 15G/33G WILL BE RELOCATED EAST OF FUTURE RUNWAY 15/33 AND WILL BE 60' WIDE AND 4,600' LONG
7. RUNWAY 8/26 WILL BE SHIFTED EAST APPROX. 275' AND SOUTH BY 190' TO CLEAR TAXIWAY A FROM THE RUNWAY SAFTEY AREA. FUTURE RUNWAY 8/26 WILL BE 60' WIDE AND 2,545' LONG
8. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

\\Projects\FLY\040\ALP\2014\PLANS\
04-FLY-ALP-ALP-F.dwg
May 21, 2019 - 11:02am
Sean.Jarvis

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.
DR: B.L.R.
CH: S.E.S.
APP: D.F.N.

ISSUE RECORD

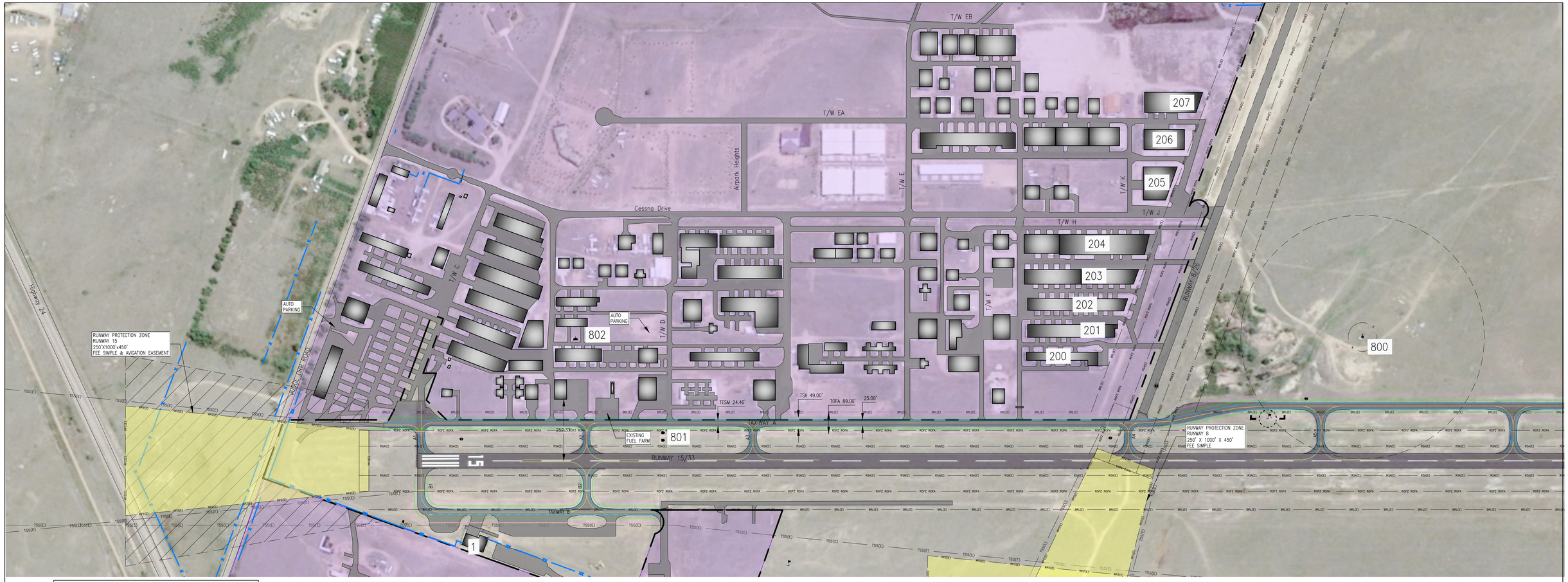
NO.	BY	DATE	DESCRIPTION

AIRPORT LAYOUT PLAN

AIRPORT LAYOUT PLAN - FUTURE

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
04 of 21



DRAWING LEGEND

ITEM	EXISTING
AIRPORT PROPERTY BOUNDARY	
AIRPORT PAVEMENT	
TURF RUNWAY	
BUILDING/HANGAR	
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E) RPZ(E)
* RESIDENTIAL THROUGH THE FENCE (RTTF)	
BUILDING RESTRICTION LINE (35')	BRL(E)
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)
RUNWAY SAFETY AREA (RSA)	RSA(E)
TAXIWAY OBJECT FREE AREA (TOFA)	
TAXIWAY SAFETY AREA (TSA)	
TAXIWAY EDGE SAFETY MARGIN (TESM)	
OBJECT FREE ZONE - RUNWAY (ROFZ)	ROFZ(E)
RUNWAY OBSTACLE FREE ZONE (OFZ)	ROFZ(E)
THRESHOLD SITING SURFACE (TSS)	TSS(E)
APPROACH SURFACE (20:1)	AP 20:1(E)
FENCE (4')	
WILDLIFE FENCE (8')	
AWOS-3PT	
PAPI	
WINDCONE	
SEGMENTED CIRCLE	
AIRPORT REFERENCE POINT (ARP)	
PRIMARY/SECONDARY AIRPORT CONTROL STATION	
AIRPORT BEACON	

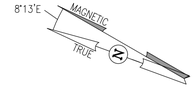
* SOURCE: MLAA

AIRPORT FACILITY LEGEND

EXISTING ID	ITEM	FUTURE ID	TOP ELEVATION
1	TERMINAL		6,864.99'
200	HANGAR		6,841.35'
201	HANGAR		6,838.77'
202	HANGAR		6,836.96'
203	HANGAR		6,835.88'
204	HANGAR		6,834.50'
205	HANGAR		6,830.00'
206	HANGAR		6,826.56'
207	HANGAR		6,822.80'
800	AWOS		6,830.26'
801	PAPI		6,856.33'
802	ROTATING BEACON		6,894.89'

NOTES:

1. WITH THE EXCEPTION OF THE TERMINAL BUILDING, ALL EXISTING BUILDINGS SHOWN ARE PRIVATLEY OWNED AND OFF THE AIRPORT PROPERTY. BUILDINGS NOT IDENTIFIED IN THE AIRPORT FACILITY LEGEND ARE BELOW THE TRANSITIONAL SURFACE
2. EXISTING BUILDINGS SHOWN ON THIS TERMINAL AREA IDENTIFIED AS OBSTRUCTIONS HAVE BEEN LISTED ON SHEETS 07 AND 08
3. NO OTHER EXISTING BUILDING IS AN OBSTRUCTION (BUILDING ELEVATIONS RANGE FROM 6,815' MSL TO 6,862' MSL)
4. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17



GRAPHIC SCALE
0 100 200 400
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

E:\Projects\FLY\CAD\ALP\2014\PLANS\
05-FLY-ALP-TERM-(E).dwg
May 23, 2019 - 11:02am
Sean Jones

JVIATION®

MEADOW LAKE AIRPORT

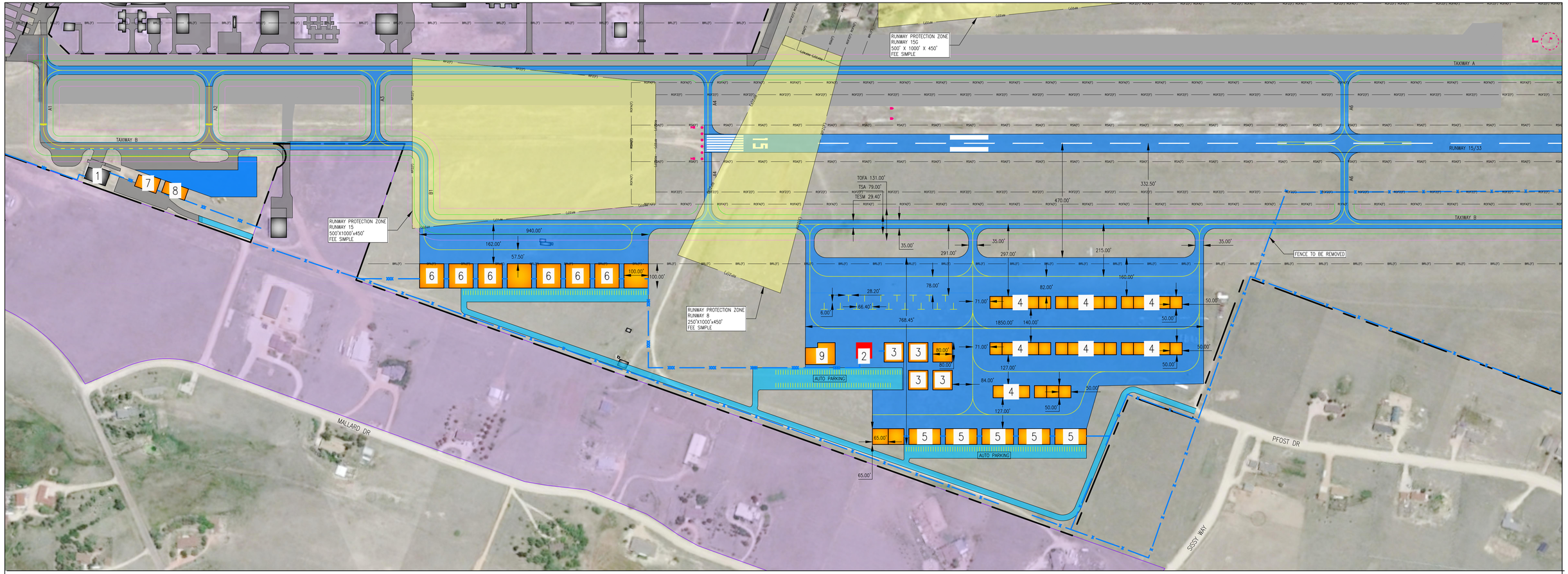
DES: B.L.R.	ISSUE RECORD			
DR: B.L.R.	NO.	BY	DATE	DESCRIPTION
CH: S.E.S.				
APP: D.F.N.				

AIRPORT LAYOUT PLAN

TERMINAL AREA PLAN - EXISTING

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
05 of 21



DRAWING LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		
AIRPORT PAVEMENT		
BUILDING/HANGAR		
RUNWAY PROTECTION ZONE (RPZ)		RPZ(F) RPZ(F)
* RESIDENTIAL THROUGH THE FENCE (RTTF)		
FENCE (4')		
WILDLIFE FENCE (6')		
SECURITY FENCE (8')		
BUILDING RESTRICTION LINE (35')		BRL(F)
RUNWAY OBJECT FREE AREA (ROFA)		ROFA(F)
RUNWAY SAFETY AREA (RSA)		RSA(F)
TAXIWAY OBJECT FREE AREA (TOFA)		
TAXIWAY SAFETY AREA (TSA)		
TAXIWAY EDGE SAFETY MARGIN (TESM)		
OBJECT FREE ZONE – RUNWAY (ROFZ)		ROFZ(F)
APPROACH SURFACE (20:1)		AP 20:1(F)
RUNWAY END IDENTIFIER LIGHTS (REIL)		
AWOS-3PT		
PAPI		
WINDCONE		
SEGMENTED CIRCLE		
AIRPORT REFERENCE POINT (ARP)		
PRIMARY/SECONDARY AIRPORT CONTROL STATION		

* LIGHT BLUE REPRESENTS AUTO PAVEMENT

* SOURCE: MLAA

AIRPORT FACILITY LEGEND

EXISTING ID	ITEM	FUTURE ID	TOP ELEVATION
1	TERMINAL BUILDING		6,864.99'
	FUEL FARM	2	6,839.77'
	80'X80' HANGARS	3	6,859.51'
	50'X50' HANGARS	4	6,842.79'
	65'X65' HANGARS	5	6,849.47'
	100'X100' HANGARS	6	6,842.79'
	ADMIN/OPERATIONS BUILDING	7	6,849.47'
	SRE/STOAGE BUILDING	8	6,842.79'
	TERMINAL BUILDING	9	6,869.85'

NOTES:

1. WITH THE EXCEPTION OF THE TERMINAL BUILDING, ALL EXISTING BUILDINGS SHOWN ARE PRIVATELY OWNED AND OFF THE AIRPORT PROPERTY. BUILDINGS NOT IDENTIFIED IN THE AIRPORT FACILITY LEGEND ARE BELOW THE TRANSITIONAL SURFACE.
2. EXISTING BUILDINGS SHOWN ON THIS TERMINAL AREA IDENTIFIED AS OBSTRUCTIONS HAVE BEEN LISTED ON SHEETS 07 AND 08.
3. NO OTHER EXISTING BUILDING IS AN OBSTRUCTION (BUILDING ELEVATIONS RANGE FROM 6,815' MSL TO 6,862' MSL)
4. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

8°13'E MAGNETIC TRUE

GRAPHIC SCALE
0 100 200 400
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

I:\Projects\FLY\CAD\ALP\2014\PLANS\
06-FLY-ALP-TERM(F).dwg
May 21, 2019 - 11:03am
Sean.Jones

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.	ISSUE RECORD			
DR: B.L.R.	NO.	BY	DATE	DESCRIPTION
CH: S.E.S.				
APP: D.F.N.				

AIRPORT LAYOUT PLAN

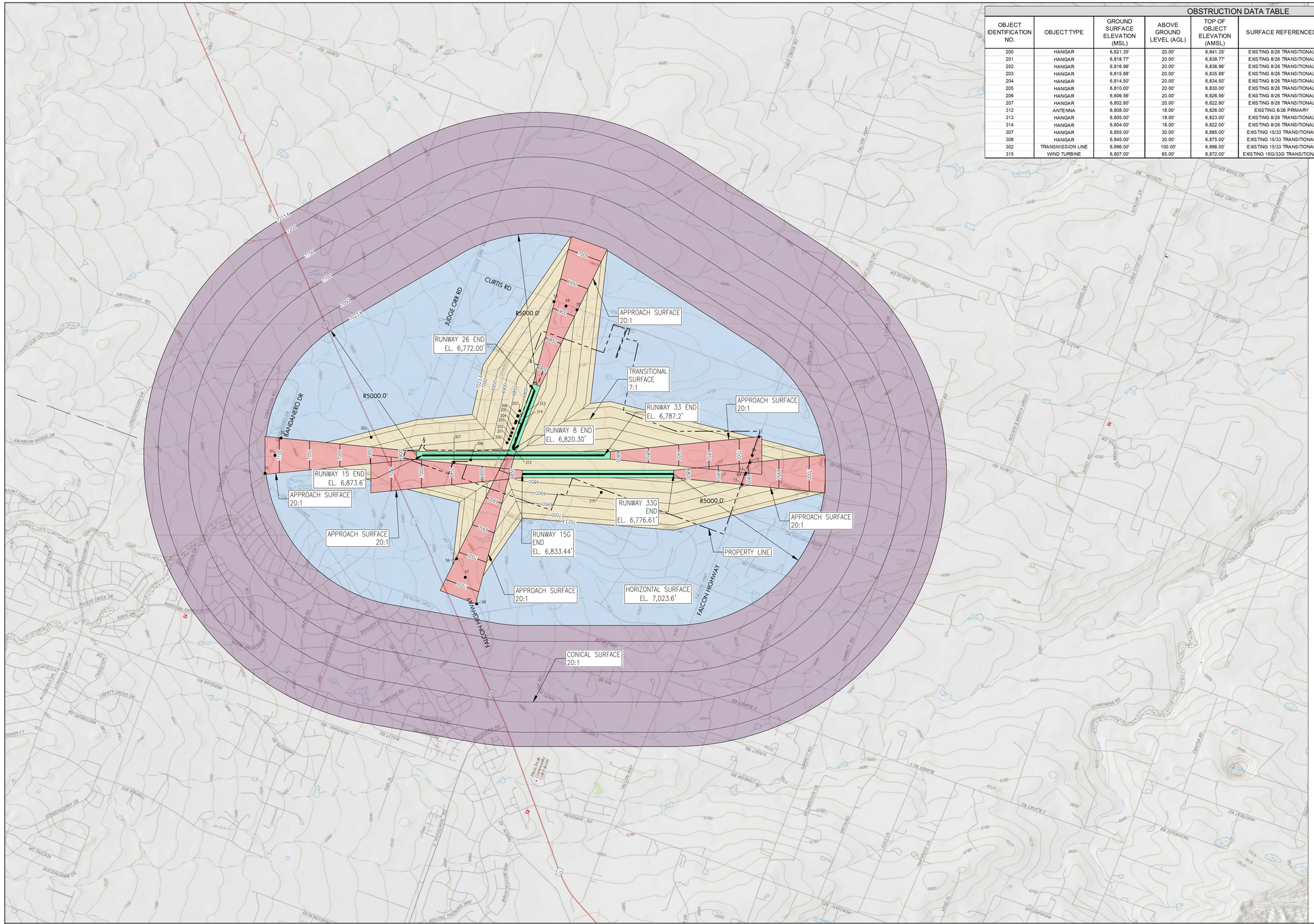
TERMINAL AREA PLAN - FUTURE

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
06 of 21

OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	SURFACE REFERENCED	TRANSITIONAL SURFACE PENETRATION	DISPOSITION	FAA AIRSPACE CASE NUMBER
200	HANGAR	6,821.35'	20.00'	6,841.35'	EXISTING 8/26 TRANSITIONAL	2.17'	LIGHT/MARK	N/A
201	HANGAR	6,818.77'	20.00'	6,838.77'	EXISTING 8/26 TRANSITIONAL	5.99'	LIGHT/MARK	N/A
202	HANGAR	6,816.96'	20.00'	6,836.96'	EXISTING 8/26 TRANSITIONAL	10.63'	LIGHT/MARK	N/A
203	HANGAR	6,815.88'	20.00'	6,835.88'	EXISTING 8/26 TRANSITIONAL	6.33'	LIGHT/MARK	N/A
204	HANGAR	6,814.50'	20.00'	6,834.50'	EXISTING 8/26 TRANSITIONAL	5.77'	LIGHT/MARK	N/A
205	HANGAR	6,810.00'	20.00'	6,830.00'	EXISTING 8/26 TRANSITIONAL	6.79'	LIGHT/MARK	N/A
206	HANGAR	6,806.56'	20.00'	6,826.56'	EXISTING 8/26 TRANSITIONAL	4.99'	LIGHT/MARK	N/A
207	HANGAR	6,802.80'	20.00'	6,822.80'	EXISTING 8/26 TRANSITIONAL	5.58'	LIGHT/MARK	N/A
312	ANTENNA	6,808.00'	18.00'	6,826.00'	EXISTING 8/26 PRIMARY	6.00'	LIGHT/MARK	2004-ANM-206-NRA
313	HANGAR	6,805.00'	18.00'	6,823.00'	EXISTING 8/26 TRANSITIONAL	10.00'	LIGHT/MARK	2004-ANM-219-NRA
314	HANGAR	6,804.00'	18.00'	6,822.00'	EXISTING 8/26 TRANSITIONAL	4.00'	LIGHT/MARK	2004-ANM-664-NRA
307	HANGAR	6,855.00'	30.00'	6,885.00'	EXISTING 15/33 TRANSITIONAL	12.00'	REMOVE	2010-ANM-318-NRA
308	HANGAR	6,845.00'	30.00'	6,875.00'	EXISTING 15/33 TRANSITIONAL	12.00'	REMOVE	2010-ANM-327-NRA
302	TRANSMISSION LINE	6,896.00'	100.00'	6,996.00'	EXISTING 15/33 TRANSITIONAL	2.00'	LIGHT/MARK	2010-ANM-2670-OE
315	WIND TURBINE	6,807.00'	65.00'	6,872.00'	EXISTING 15G/33G TRANSITIONAL	12.00'	LIGHT/MARK	2010-WTW-2300-OE



8°13'E MAGNETIC TRUE (N)

GRAPHIC SCALE
0 800 1600 3200
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

NOTES

1. ALL ELEVATIONS ARE TO MEAN SEA LEVEL (MSL)
2. IMAGE SOURCE: USGS TOPO MAP FROM USGS DATABASE
3. COORDINATE/ELEVATION DATA IS NAD83/NAVD88
4. SEE INNER PORTION OF THE APPROACH PLAN AND PROFILE SHEETS FOR CLOSE IN OBSTRUCTIONS
5. COLORADO REVISED STATUTE 43-10-113, SAFE OPERATING AREAS AROUND AIRPORTS – ESTABLISHED, REQUIRES LOCAL GOVERNMENT ENTITIES WITH ZONING AND BUILDING PERMIT AUTHORITY TO ADOPT AND ENFORCE RULES AND REGULATIONS TO PROTECT LAND AREAS ON AND ADJACENT AN AIRPORT, AS DEFINED IN 14 CODE OF THE FEDERAL REGULATIONS, PART 77, OBJECTS AFFECTING NAVIGABLE AIRSPACE.
6. COLORADO REVISED STATUE 24-65.1-202, CRITERIA FOR ADMINISTRATION OF AREAS OF STATE INTEREST, REQUIRES LOCAL GOVERNMENTS TO PROTECT AND ADMINISTER AREAS AROUND AIRPORTS SO TO 1) ENCOURAGE LAND USE PATTERNS FOR HOUSING AND OTHER LOCAL GOVERNMENT NEEDS THAT WILL SEPARATE UNCONTROLLABLE NOISE SOURCES FROM RESIDENTIAL AND OTHER NOISE-SENSITIVE AREAS;AND 2) AVOID DANGER TO PUBLIC SAFETY AND HEALTH OR TO PROPERTY DUE TO AIRCRAFT CRASHES.

DRAWING LEGEND

ITEM	FUTURE
APPROACH SURFACE	
CONICAL SURFACE	
HORIZONTAL SURFACE	
PRIMARY SURFACE	
TRANSITIONAL SURFACE	

JVIATION®

MEADOW LAKE AIRPORT

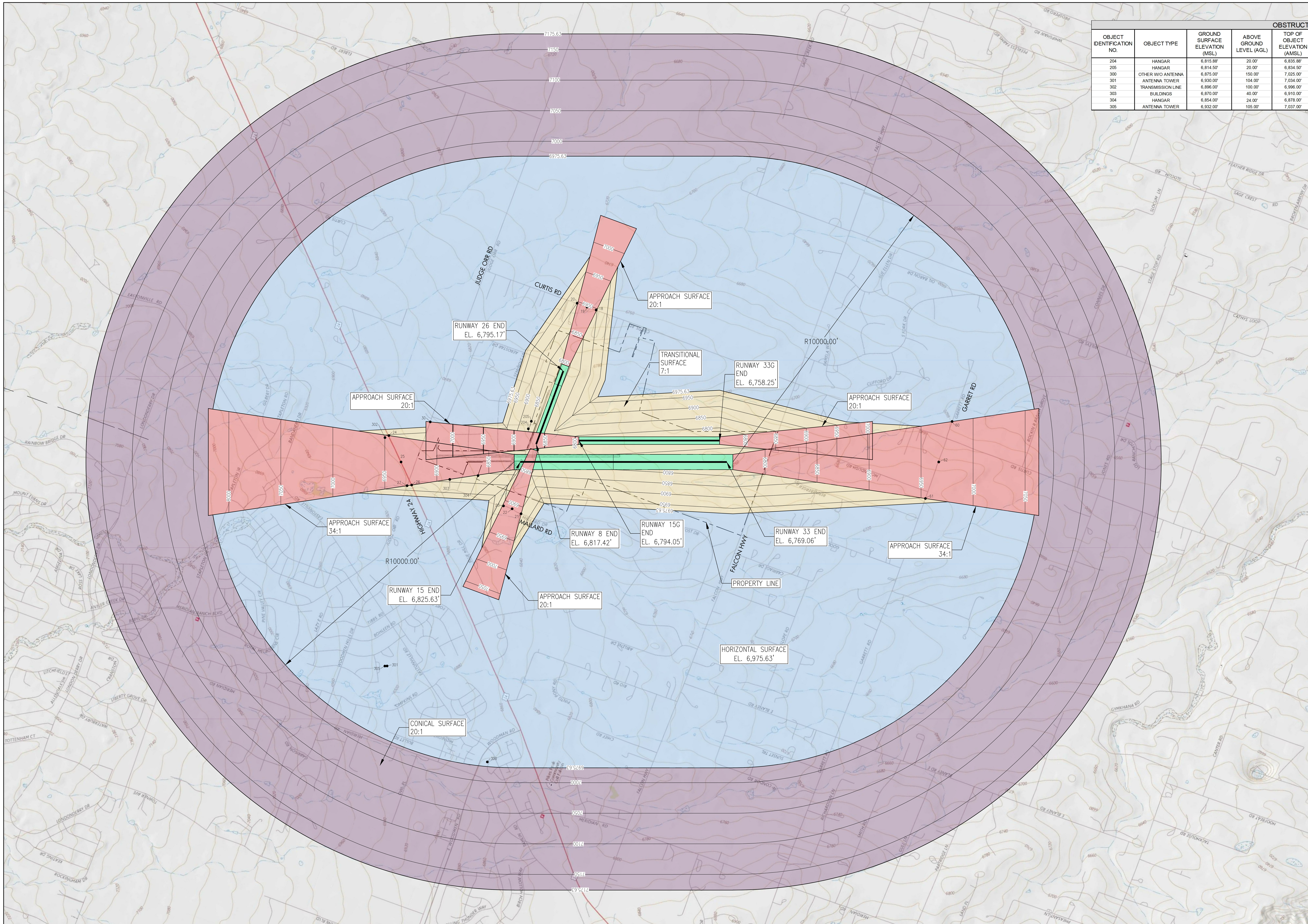
DES: B.L.R.	ISSUE RECORD			
DR: B.L.R.	NO.	BY	DATE	DESCRIPTION
CH: S.E.S.				
APP: D.F.N.				

AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE DRAWING - EXISTING

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
07 of 21



OBSTRUCTION DATA TABLE								
OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	SURFACE REFERENCED	TRANSITIONAL SURFACE PENETRATION	DISPOSITION	FAA AIRSPACE CASE NUMBER
204	HANGAR	6,815.88'	20.00'	6,835.88'	FUTURE 8/26 TRANSITIONAL	4.33'	LIGHT/MARK	N/A
205	HANGAR	6,814.50'	20.00'	6,834.50'	FUTURE 8/26 TRANSITIONAL	4.51'	LIGHT/MARK	N/A
300	OTHER W/O ANTENNA	6,875.00'	150.00'	7,025.00'	HORIZONTAL	2.00'	LIGHT/MARK	2001-ANM-1945-OE
301	ANTENNA TOWER	6,930.00'	104.00'	7,034.00'	HORIZONTAL	11.00'	LIGHT/MARK	2016-ANM-3367-OE
302	TRANSMISSION LINE	6,896.00'	100.00'	6,996.00'	FUTURE 15 APPROACH	37.00'	LIGHT/MARK	2010-ANM-2670-OE
303	BUILDINGS	6,870.00'	40.00'	6,910.00'	FUTURE 15/33 TRANSITIONAL	12.00'	LIGHT/MARK	2006-ANM-609-NRA
304	HANGAR	6,854.00'	24.00'	6,878.00'	FUTURE 15/33 TRANSITIONAL	5.00'	LIGHT/MARK	2012-ANM-131-NRA
305	ANTENNA TOWER	6,932.00'	105.00'	7,037.00'	HORIZONTAL	14.00'	LIGHT/MARK	2005-ANM-1436-OE

8°13'E
MAGNETIC
TRUE
N

GRAPHIC SCALE
0 800 1600 3200
(IN FEET)

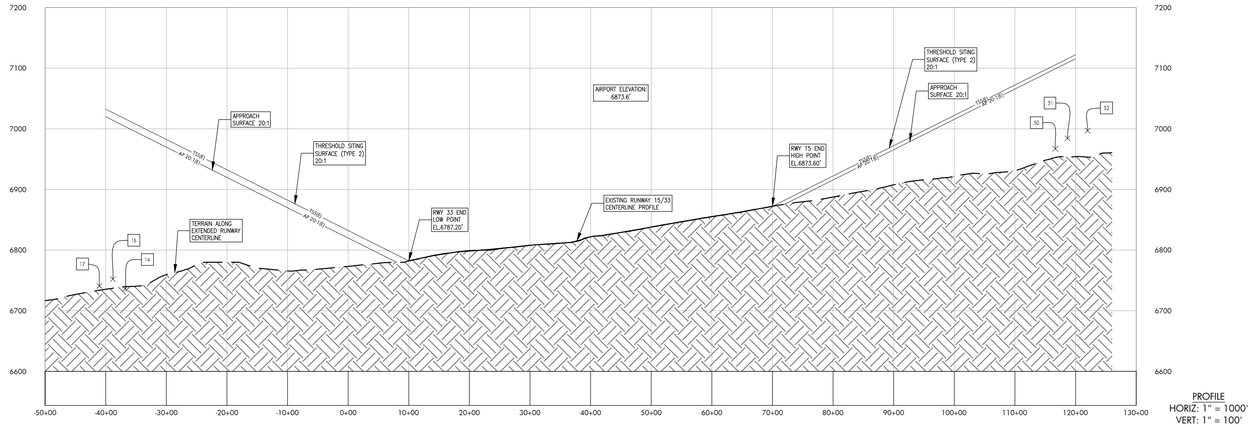
DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

DRAWING LEGEND	
ITEM	FUTURE
APPROACH SURFACE	(pink)
CONICAL SURFACE	(purple)
HORIZONTAL SURFACE	(blue)
PRIMARY SURFACE	(green)
TRANSITIONAL SURFACE	(tan)

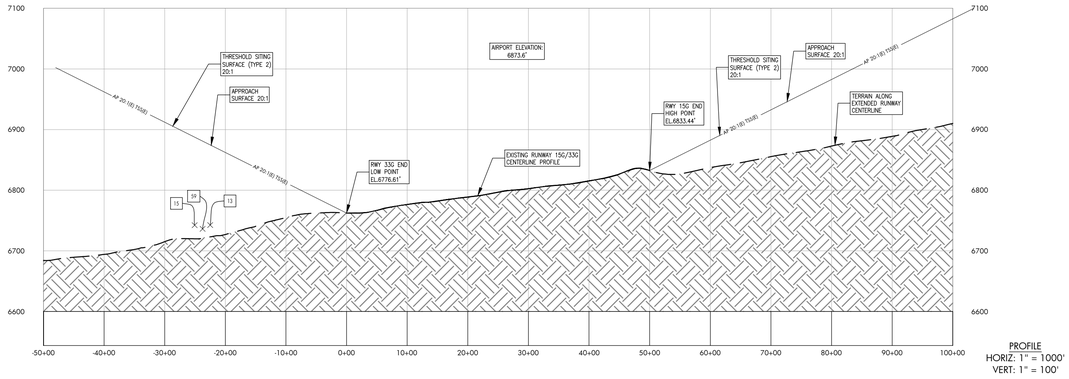
NOTES

1. ALL ELEVATIONS ARE TO MEAN SEA LEVEL (MSL)
2. IMAGE SOURCE: USGS TOPO MAP FROM USGS DATABASE
3. COORDINATE/ELEVATION DATA IS NAD83/NAVD88
4. SEE INNER PORTION OF THE APPROACH PLAN AND PROFILE SHEETS FOR CLOSE IN OBSTRUCTIONS
5. COLORADO REVISED STATUTE 43-10-113, SAFE OPERATING AREAS AROUND AIRPORTS - ESTABLISHED, REQUIRES LOCAL GOVERNMENT ENTITIES WITH ZONING AND BUILDING PERMIT AUTHORITY TO ADOPT AND ENFORCE RULES AND REGULATIONS TO PROTECT LAND AREAS ON AND ADJACENT AN AIRPORT, AS DEFINED IN 14 CODE OF THE FEDERAL REGULATIONS, PART 77, OBJECTS AFFECTING NAVIGABLE AIRSPACE.
6. COLORADO REVISED STATUE 24-65.1-202, CRITERIA FOR ADMINISTRATION OF AREAS OF STATE INTEREST, REQUIRES LOCAL GOVERNMENTS TO PROTECT AND ADMINISTER AREAS AROUND AIRPORTS SO TO 1) ENCOURAGE LAND USE PATTERNS FOR HOUSING AND OTHER LOCAL GOVERNMENT NEEDS THAT WILL SEPARATE UNCONTROLLABLE NOISE SOURCES FROM RESIDENTIAL AND OTHER NOISE-SENSITIVE AREAS;AND 2) AVOID DANGER TO PUBLIC SAFETY AND HEALTH OR TO PROPERTY DUE TO AIRCRAFT CRASHES.

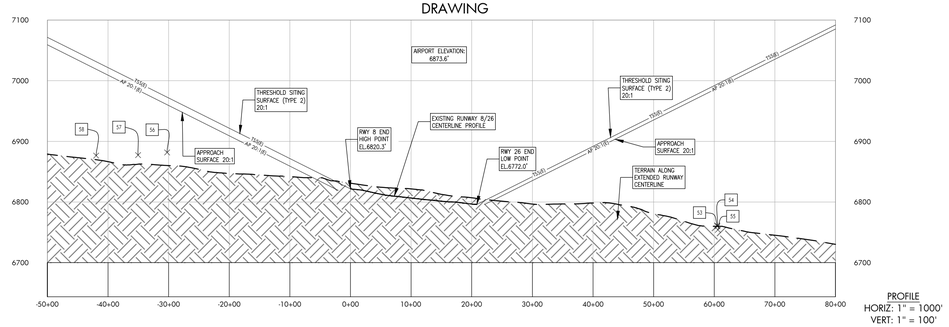
EXISTING RUNWAY 15/33 PROFILE
DRAWING



EXISTING RUNWAY 15G/33G PROFILE
DRAWING



EXISTING RUNWAY 8/26 PROFILE
DRAWING



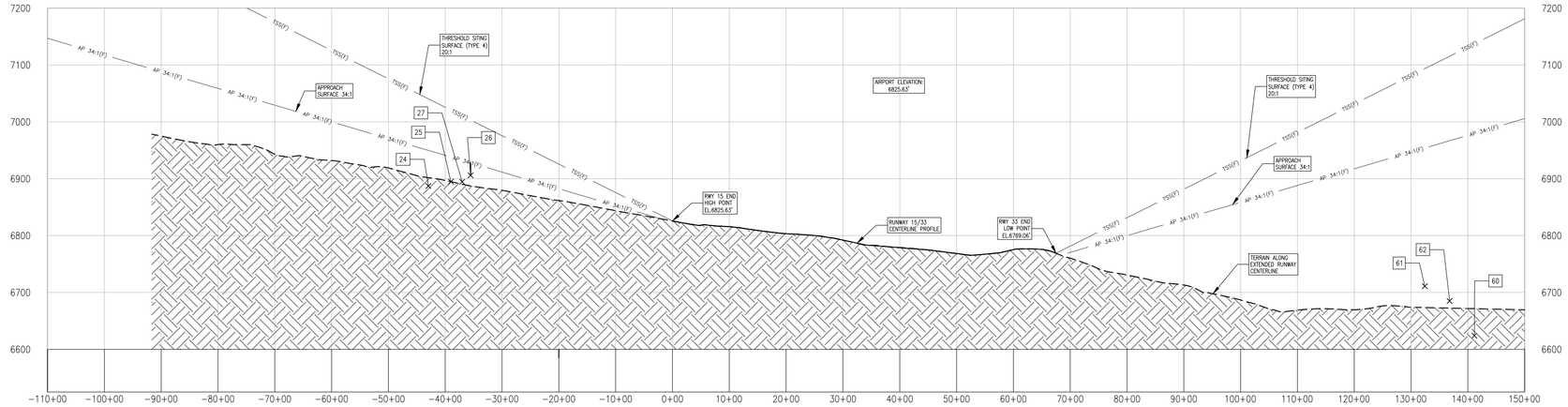
OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION
13	ROAD +15	6,727.50'	15.00'	6,742.50'	-132.26'	N/A
14	ROAD +15	6,721.23'	15.00'	6,736.23'	-267.55'	N/A
15	ROAD +15	6,727.30'	15.00'	6,742.30'	-145.25'	N/A
16	ROAD +15	6,737.04'	15.00'	6,752.04'	-262.03'	N/A
17	ROAD+15	6,725.82'	15.00'	6,740.82'	-284.22'	N/A
50	ROAD +15	6,952.13'	15.00'	6,967.13'	-131.88'	N/A
51	ROAD +15	6,969.33'	15.00'	6,984.33'	-124.73'	N/A
52	ROAD +15	6,981.97'	15.00'	6,996.97'	-128.64'	N/A
53	ROAD +15	6,746.48'	15.00'	6,761.48'	-226.27'	N/A
54	ROAD +15	6,745.05'	15.00'	6,760.05'	-227.90'	N/A
55	ROAD +15	6,739.05'	15.00'	6,754.05'	-234.24'	N/A
56	ROAD +15	6,866.74'	15.00'	6,881.74'	-78.06'	N/A
57	ROAD +15	6,862.36'	15.00'	6,877.36'	-106.98'	N/A
58	ROAD +15	6,861.50'	15.00'	6,876.50'	-142.43'	N/A
59	ROAD +15	6,721.23'	15.00'	6,736.23'	-144.76'	N/A

NOTES:

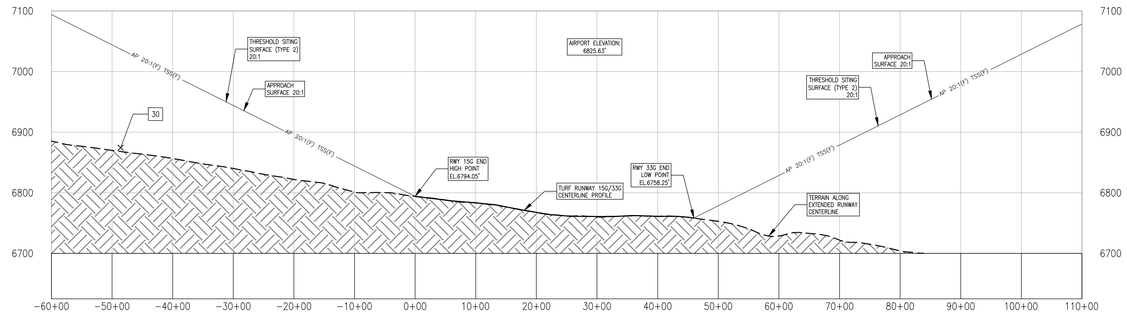
1. AN AIRPORT AIRSPACE ANALYSIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. OBSTRUCTIONS OF THE INNER APPROACH AND DEPARTURE SURFACES ARE SHOWN ON SHEETS 11-18

FUTURE RUNWAY 15/33 PROFILE DRAWING



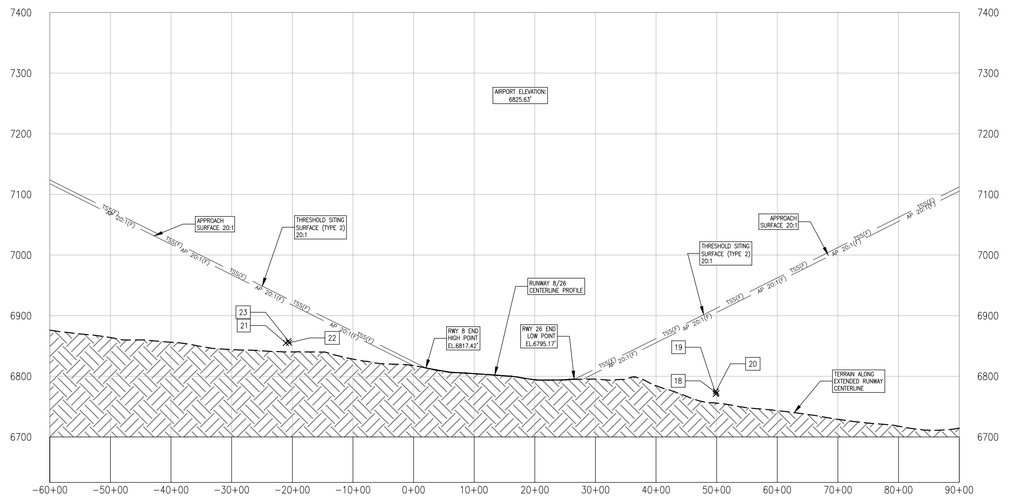
PROFILE
HORIZ: 1" = 1000'
VERT: 1" = 100'

FUTURE RUNWAY 15G/33G PROFILE DRAWING



PROFILE
HORIZ: 1" = 1000'
VERT: 1" = 100'

FUTURE RUNWAY 8/26 PROFILE DRAWING



PROFILE
HORIZ: 1" = 1000'
VERT: 1" = 100'

OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION
24	ROAD +15	6,872.24'	15.00'	6,887.24'	-62.62'	N/A
25	ROAD +15	6,879.83'	15.00'	6,894.83'	-43.35'	N/A
26	ROAD +15	6,890.95'	15.00'	6,905.95'	-22.05'	N/A
27	ROAD +15	6879.59'	15.00'	6,894.59'	-37.06'	N/A
30	ROAD+15	6,859.39'	15.00'	6,874.39'	-162.56'	N/A
18	ROAD +15	6,757.21'	15.00'	6,772.21'	-132.95'	N/A
19	ROAD +15	6,755.77'	15.00'	6,770.77'	-133.75'	N/A
20	ROAD +15	6,760.11'	15.00'	6,775.11'	-129.57'	N/A
21	ROAD +15	6840.04'	15.00'	6,855.04'	-67.82'	N/A
22	ROAD +15	6840.22'	15.00'	6,855.22'	-65.04'	N/A
23	ROAD +15	6,843.14'	15.00'	6,858.14'	-62.61'	N/A
60	ROAD +15	6,609.00'	15.00'	6,624.00'	-355.70'	N/A
61	ROAD +15	6,696.00'	15.00'	6,711.00'	-243.17'	N/A
62	ROAD +15	6,670.00'	15.00'	6,685.00'	-281.88'	N/A

NOTES:

1. AN AIRPORT AIRSPACE ANALYSIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. OBSTRUCTIONS OF THE INNER APPROACH AND DEPARTURE SURFACES ARE SHOWN ON SHEETS 11–18

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.
DR: B.L.R.
CH: S.E.S.
APP: D.F.N.

ISSUE RECORD

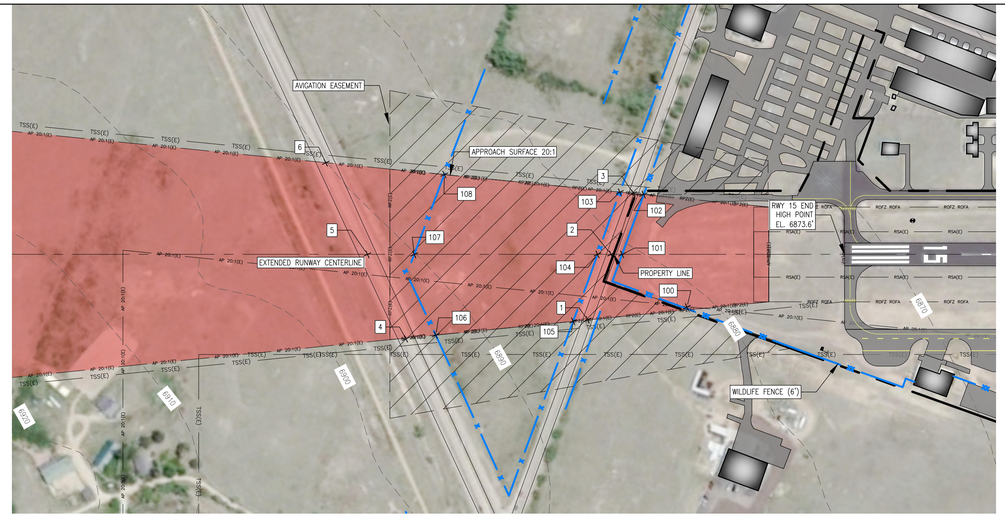
NO.	BY	DATE	DESCRIPTION

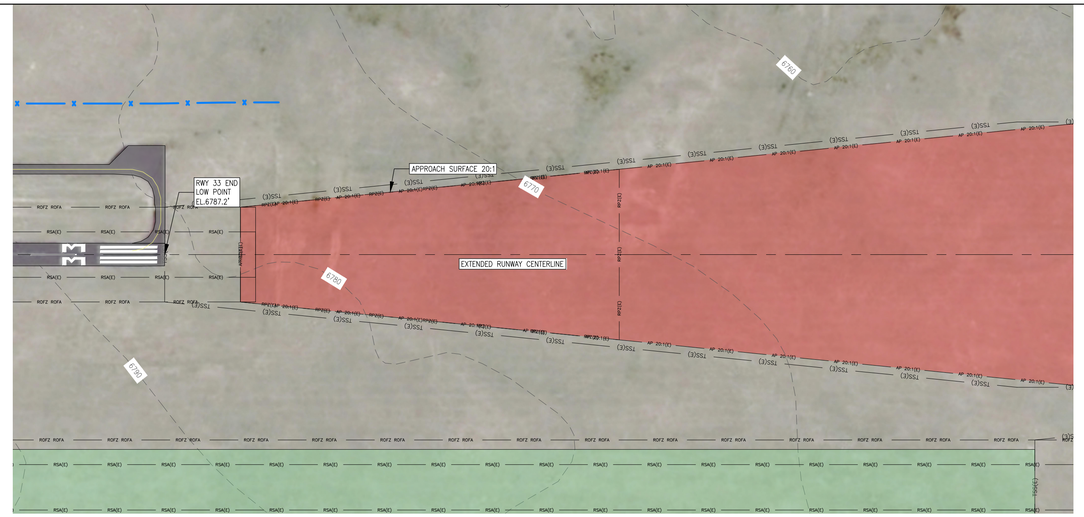
AIRPORT LAYOUT PLAN

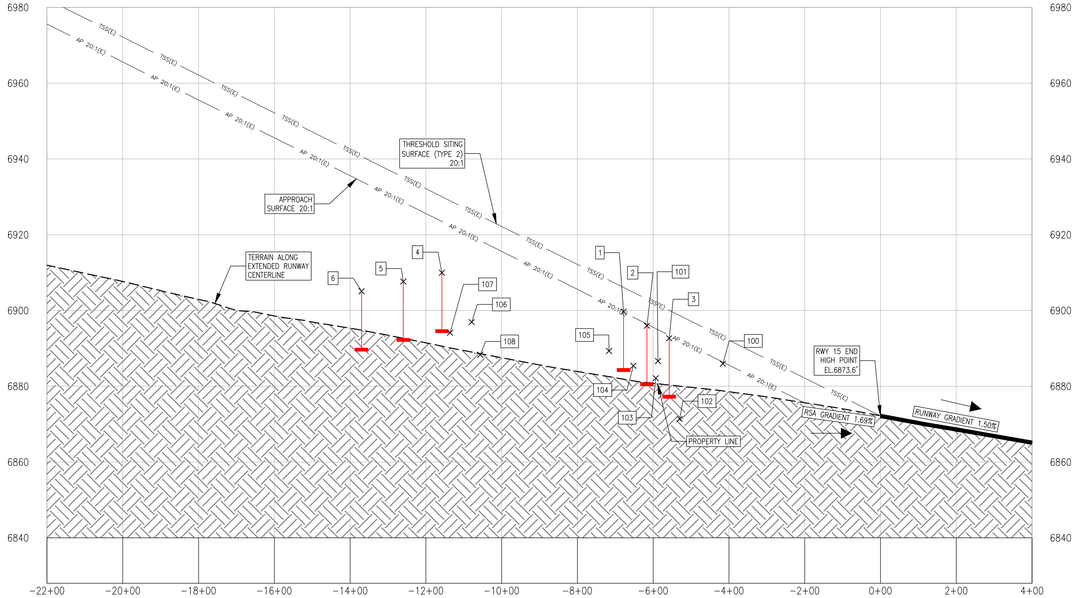
AIRPORT AIRSPACE DRAWING - FUTURE RUNWAY 8/26, 15/33, 15G/33G PROFILES

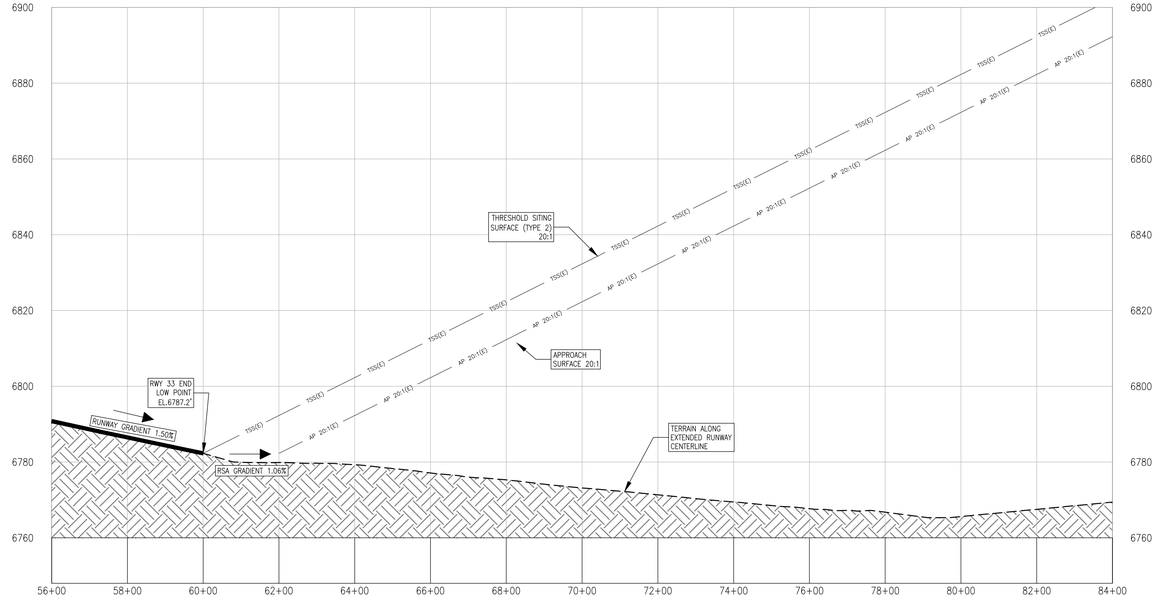
CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
10 of 21







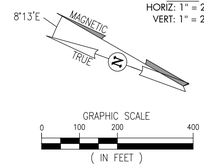


OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION
1	ROAD +15	6,884.69'	15.00'	6,899.69'	+.93	MARK/LIGHT
2	ROAD +15	6,880.97'	15.00'	6,895.97'	-.44'	N/A
3	ROAD +15	6,877.66'	15.00'	6,892.66'	-.81'	N/A
4	ROAD +15	6,894.95'	15.00'	6,909.95'	-13.52'	N/A
5	ROAD +15	6,892.65'	15.00'	6,907.65'	-20.91'	N/A
6	ROAD +15	6,890.08'	15.00'	6,905.08'	-28.98'	N/A
100	FENCE	6,899.08'	6.00'	6,905.08'	-.12'	N/A
101	FENCE	6,901.65'	6.00'	6,907.65'	-8.29'	N/A
102	FENCE	6,903.95'	6.00'	6,909.95'	-20.72'	N/A
103	FENCE	6,878.14'	4.00'	6,882.14'	-13.10'	N/A
104	FENCE	6,881.43'	4.00'	6,885.43'	-12.76'	N/A
105	FENCE	6,885.32'	4.00'	6,889.32'	-12.09'	N/A
106	FENCE	6,892.93'	4.00'	6,896.93'	-22.61'	N/A
107	FENCE	6,890.12'	4.00'	6,894.12'	-28.27'	N/A
108	FENCE	6,884.32'	4.00'	6,888.32'	-30.08'	N/A

DRAWING LEGEND

ITEM	EXISTING
AIRPORT PROPERTY BOUNDARY	
AIRPORT PAVEMENT	
TURF RUNWAY	
BUILDING/HANGAR	
APPROACH SLOPE	
FENCE (4')	
WILDLIFE FENCE (6')	



PROFILE
HORIZ: 1" = 200'
VERT: 1" = 20'

GRAPHIC SCALE
0 100 200 400
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

NOTES:

1. AN AIRPORT AIRSPACE ANALYISIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS)
5. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

JVIATION®

MEADOW LAKE AIRPORT

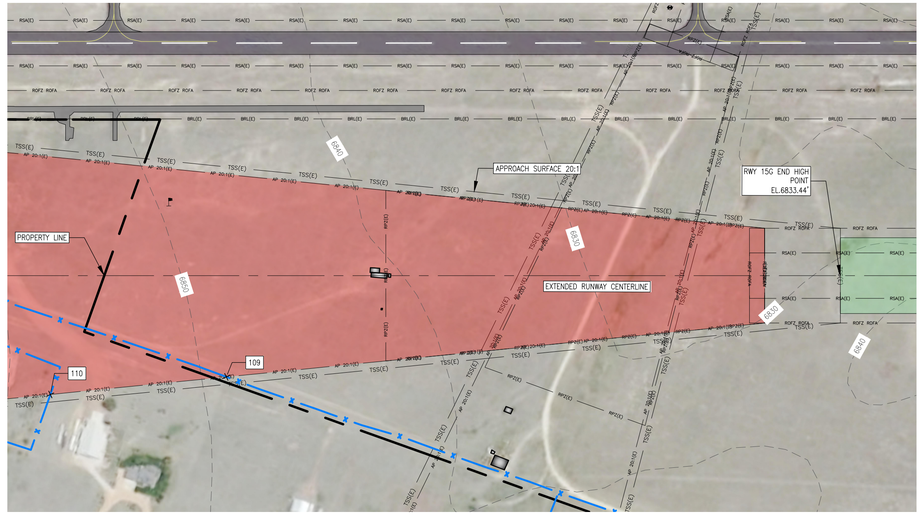
DES: B.L.R.	ISSUE RECORD			
DR: B.L.R.	NO.	BY	DATE	DESCRIPTION
CH: S.E.S.				
APP: D.F.N.				

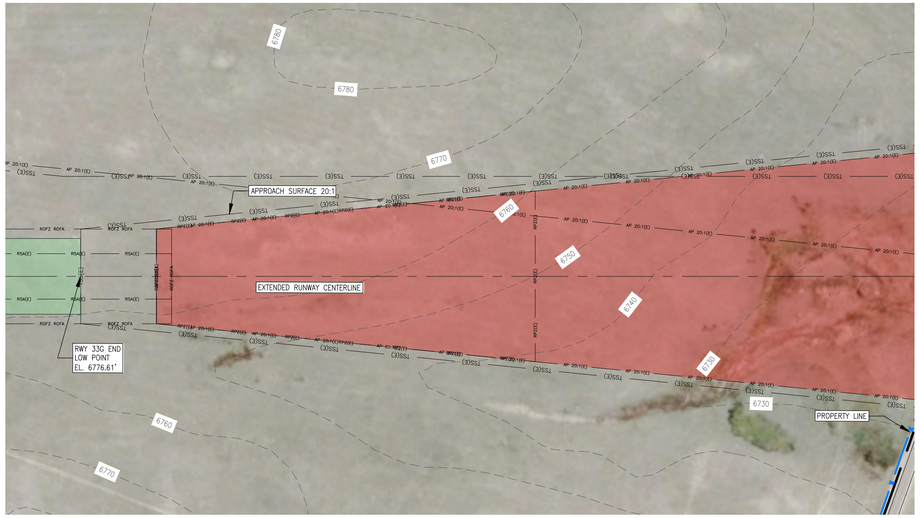
AIRPORT LAYOUT PLAN

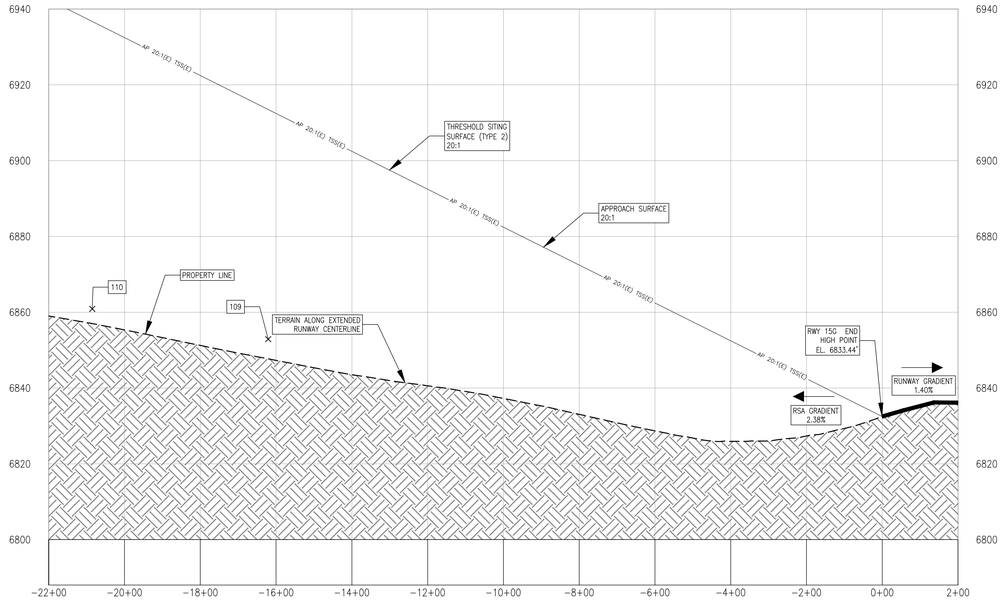
INNER APPROACH SURFACE DRAWING - EXISTING RUNWAY 15/33

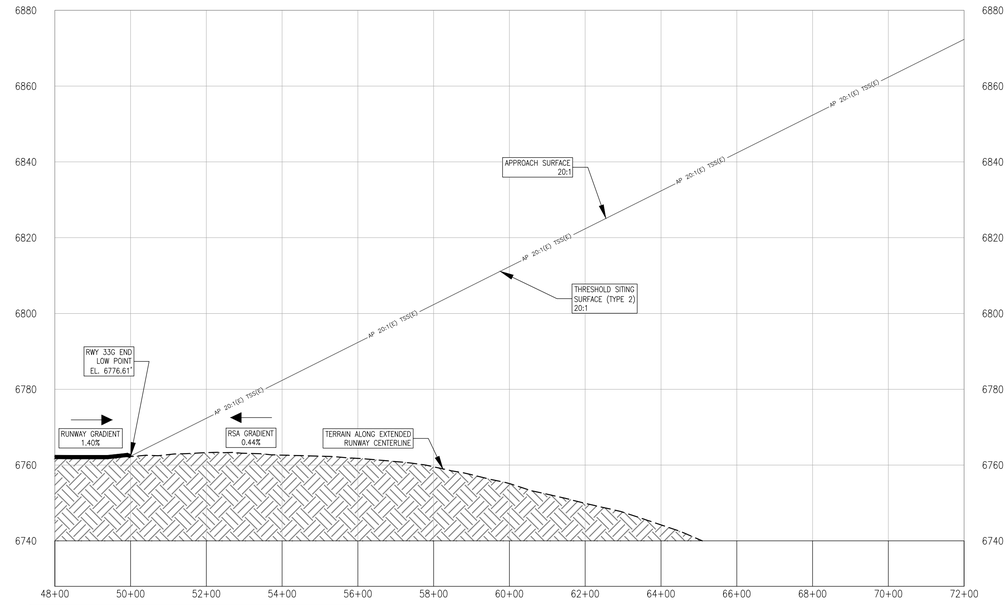
CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
11 of 21







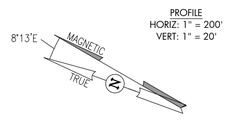


OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION
109	FENCE	6,848.89'	4.00'	6,852.89'	-60.60'	N/A
110	FENCE	6,857.88'	4.00'	6,860.88'	-75.84'	N/A

DRAWING LEGEND

ITEM	EXISTING
AIRPORT PROPERTY BOUNDARY	
AIRPORT PAVEMENT	
TURF RUNWAY	
BUILDING/HANGAR	
APPROACH SLOPE	
FENCE (4')	



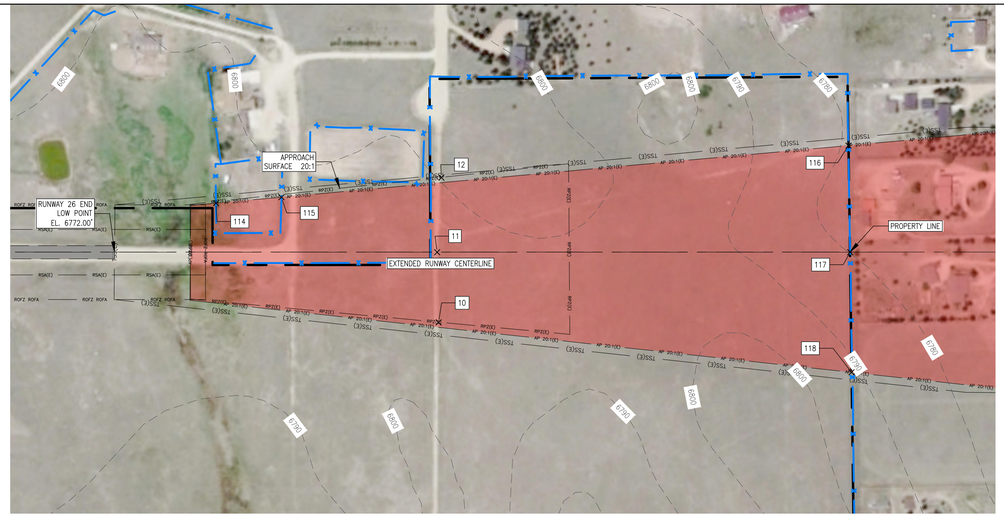
PROFILE
HORIZ: 1" = 200'
VERT: 1" = 20'

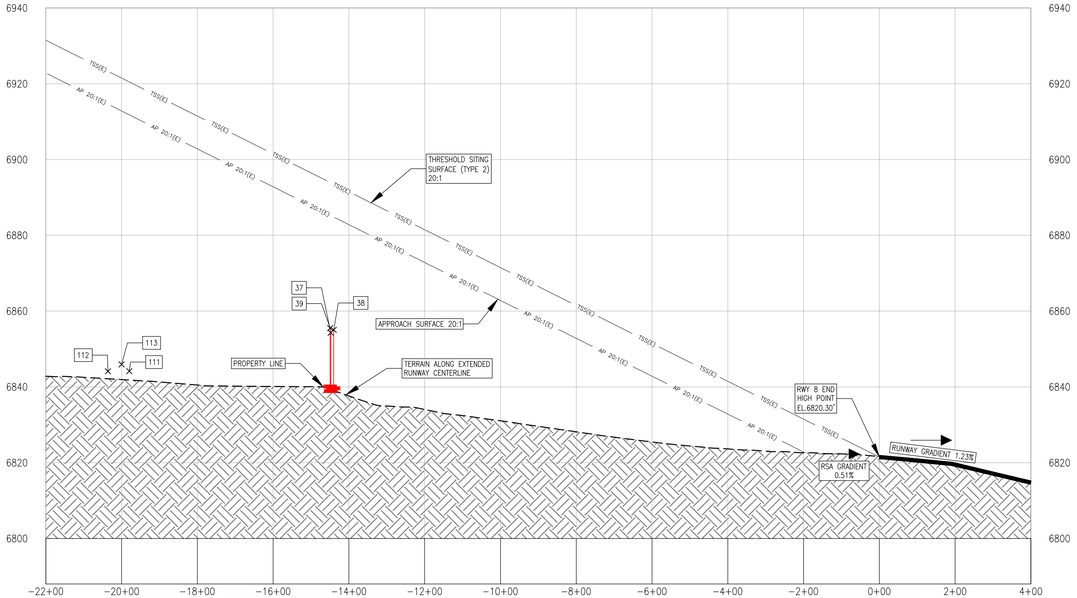
GRAPHIC SCALE
0 100 200 400
(IN FEET)

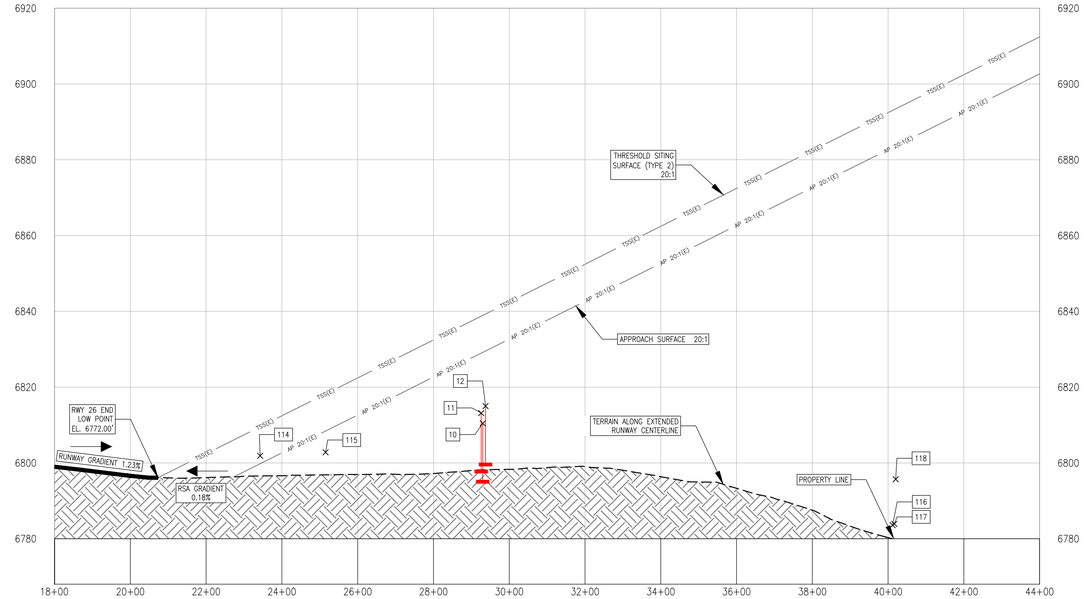
DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

NOTES:

1. AN AIRPORT AIRSPACE ANALYSIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS)
5. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17







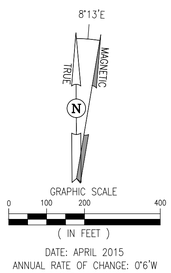
PROFILE
HORIZ: 1" = 200'
VERT: 1" = 20'

OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION
10	ROAD +15	6,780.45'	15.00'	6,795.45'	-18.71'	N/A
11	ROAD +15	6,783.16'	15.00'	6,798.16'	-15.80'	N/A
12	ROAD +15	6,785.00'	15.00'	6,800.00'	-14.53'	N/A
37	ROAD +15	6,839.30'	15.00'	6,854.30'	-30.90'	N/A
38	ROAD +15	6,840.05'	15.00'	6,855.05'	-29.76'	N/A
39	ROAD +15	6,840.51'	15.00'	6,855.51'	-29.77'	N/A
111	FENCE	6,840.15'	4.00'	6,844.15'	-67.63'	N/A
112	FENCE	6,840.11'	4.00'	6,844.11'	-70.49'	N/A
113	FENCE	6,841.93'	4.00'	6,845.93'	-66.87'	N/A
114	FENCE	6,797.87'	4.00'	6,801.87'	2.08'	REMOVE
115	FENCE	6,798.80'	4.00'	6,802.80'	-5.62'	N/A
116	FENCE	6,779.58'	4.00'	6,783.58'	-99.67'	N/A
117	FENCE	6,779.93'	4.00'	6,783.93'	-99.54'	N/A
118	FENCE	6,791.69'	4.00'	6,795.69'	-87.96'	N/A

DRAWING LEGEND

ITEM	EXISTING
AIRPORT PROPERTY BOUNDARY	
AIRPORT PAVEMENT	
TURF RUNWAY	
BUILDING/HANGAR	
APPROACH SLOPE	
FENCE (4')	x



DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

NOTES:

1. AN AIRPORT AIRSPACE ANALYSIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS)
5. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.
DR: B.L.R.
CH: S.E.S.
APP: D.F.N.

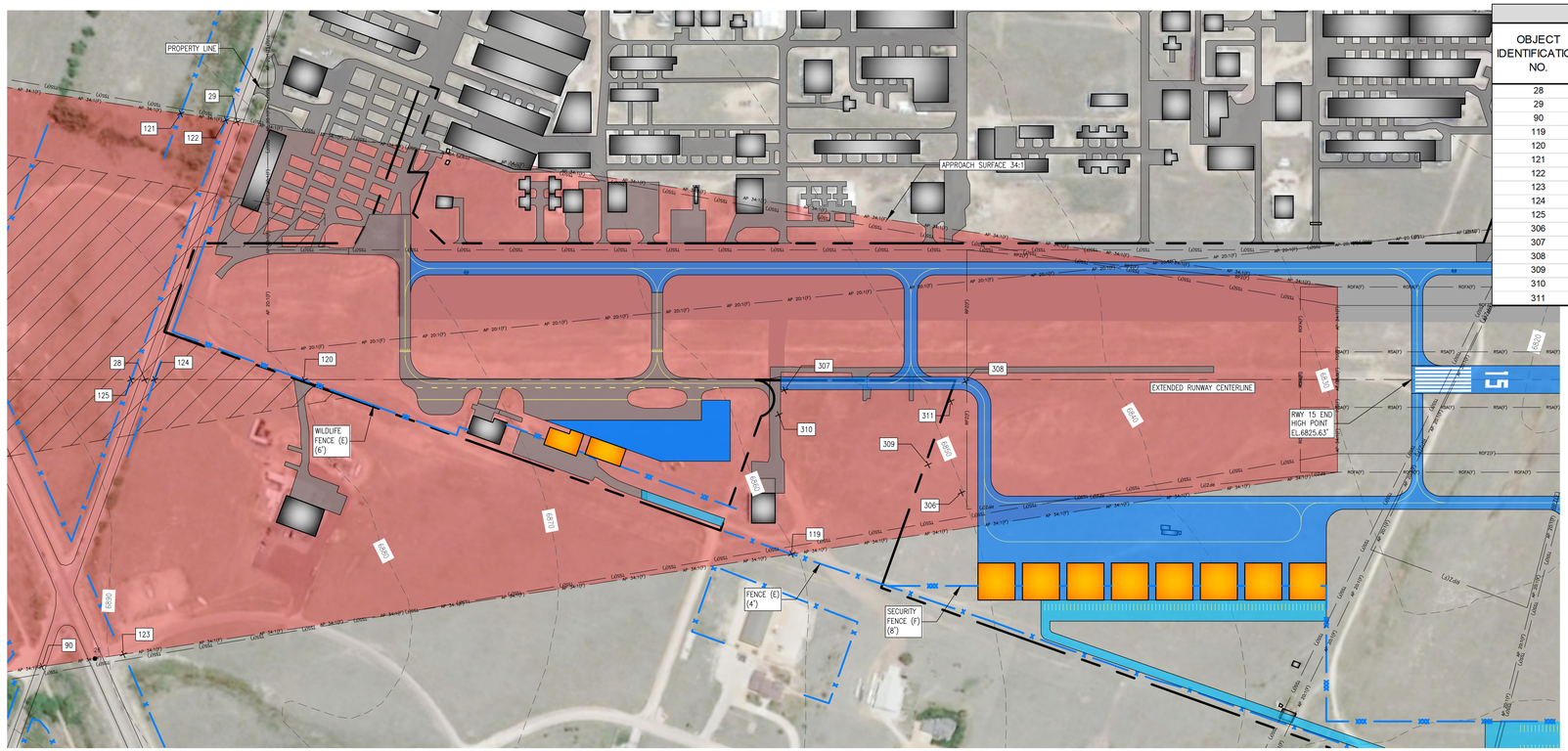
ISSUE RECORD			
NO.	BY	DATE	DESCRIPTION

AIRPORT LAYOUT PLAN

INNER APROACH SURFACE DRAWING- EXISTING RUNWAY 8/26

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
13 of 21

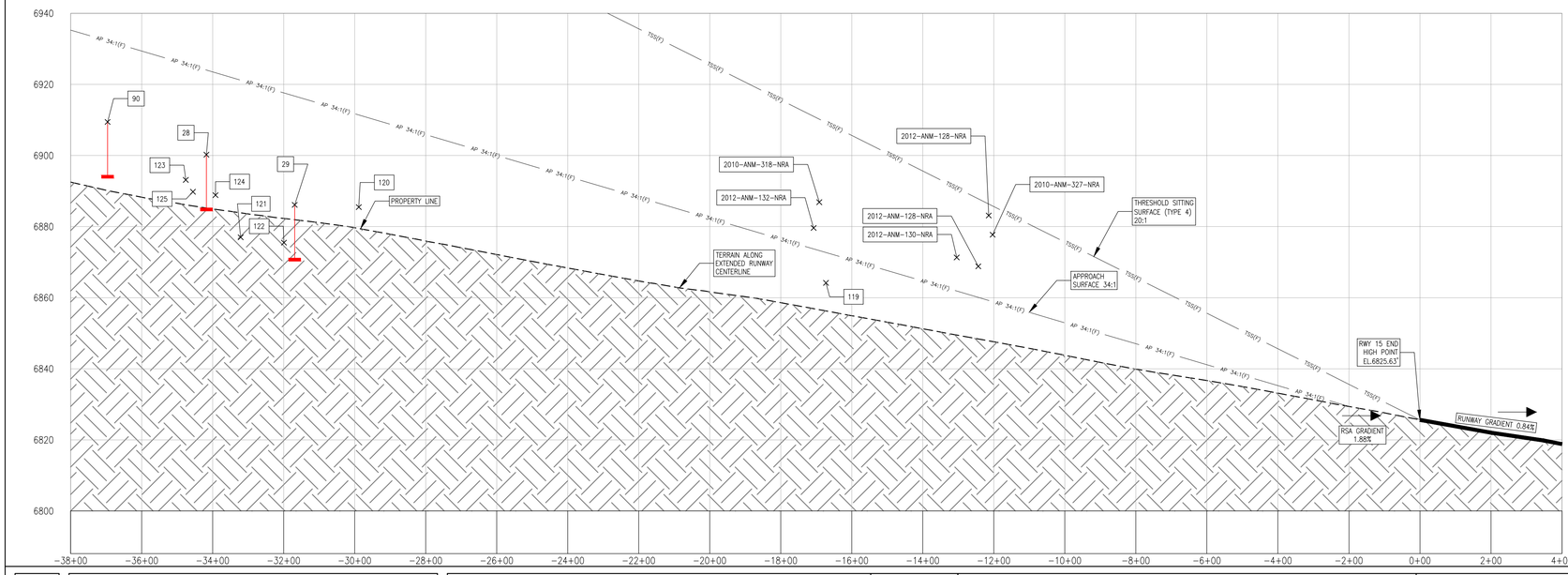


OBSTRUCTION DATA TABLE

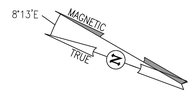
OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION	FAA AIRSPACE CASE NUMBER
28	ROAD +15	6,885.23'	15.00'	6,900.23'	-23.79'	N/A	N/A
29	ROAD +15	6,871.11'	15.00'	6,886.11'	-30.59'	N/A	N/A
90	ROAD +15	6,894.44'	15.00'	6,909.44'	-30.59'	N/A	N/A
119	FENCE	6,860.16'	4.00'	6,864.16'	-8.54'	N/A	N/A
120	FENCE	6,879.47'	6.00'	6,885.47'	-25.93'	N/A	N/A
121	FENCE	6,872.97'	4.00'	6,876.97'	-44.21'	N/A	N/A
122	FENCE	6,871.47'	4.00'	6,875.47'	-42.12'	N/A	N/A
123	FENCE	6,889.13'	4.00'	6,893.13'	-32.60'	N/A	N/A
124	FENCE	6,884.84'	4.00'	6,888.84'	-34.43'	N/A	N/A
125	FENCE	6,885.80'	4.00'	6,889.80'	-35.34'	N/A	N/A
306	EQUIPMENT	6,853.00'	33.00'	6,886.00'	21.00'	LIGHT/MARK	2009-ANM-388-NRA
307	HANGAR	6,855.00'	30.00'	6,885.00'	6.00'	REMOVE	2010-ANM-318-NRA
308	HANGAR	6,845.00'	30.00'	6,875.00'	11.00'	REMOVE	2010-ANM-327-NRA
309	HANGAR	6,850.00'	20.00'	6,870.00'	3.00'	LIGHT/MARK	2012-ANM-130-NRA
310	HANGAR	6,859.00'	22.00'	6,881.00'	2.00'	LIGHT/MARK	2012-ANM-132-NRA
311	HANGAR	6,849.00'	20.00'	6,869.00'	3.00'	LIGHT/MARK	2012-ANM-128-NRA

DRAWING LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		
AIRPORT PAVEMENT		
BUILDING/HANGAR		
APPROACH SLOPE		
FENCE (4')		
WILDLIFE FENCE (6')		
SECURITY FENCE (8')		



PROFILE
HORIZ: 1" = 200'
VERT: 1" = 20'



GRAPHIC SCALE
0 100 200 400
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

NOTES:

1. AN AIRPORT AIRSPACE ANALYISIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS)
5. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

I:\Projects\FLY\CAD\ALP\2014\PLANS\14-15-FLY-ALP-ASD2-15-33-(F).dwg
May 22, 2019 - 11:43am
Sean Johns

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.
DR: B.L.R.
CH: S.E.S.
APP: D.F.N.

ISSUE RECORD

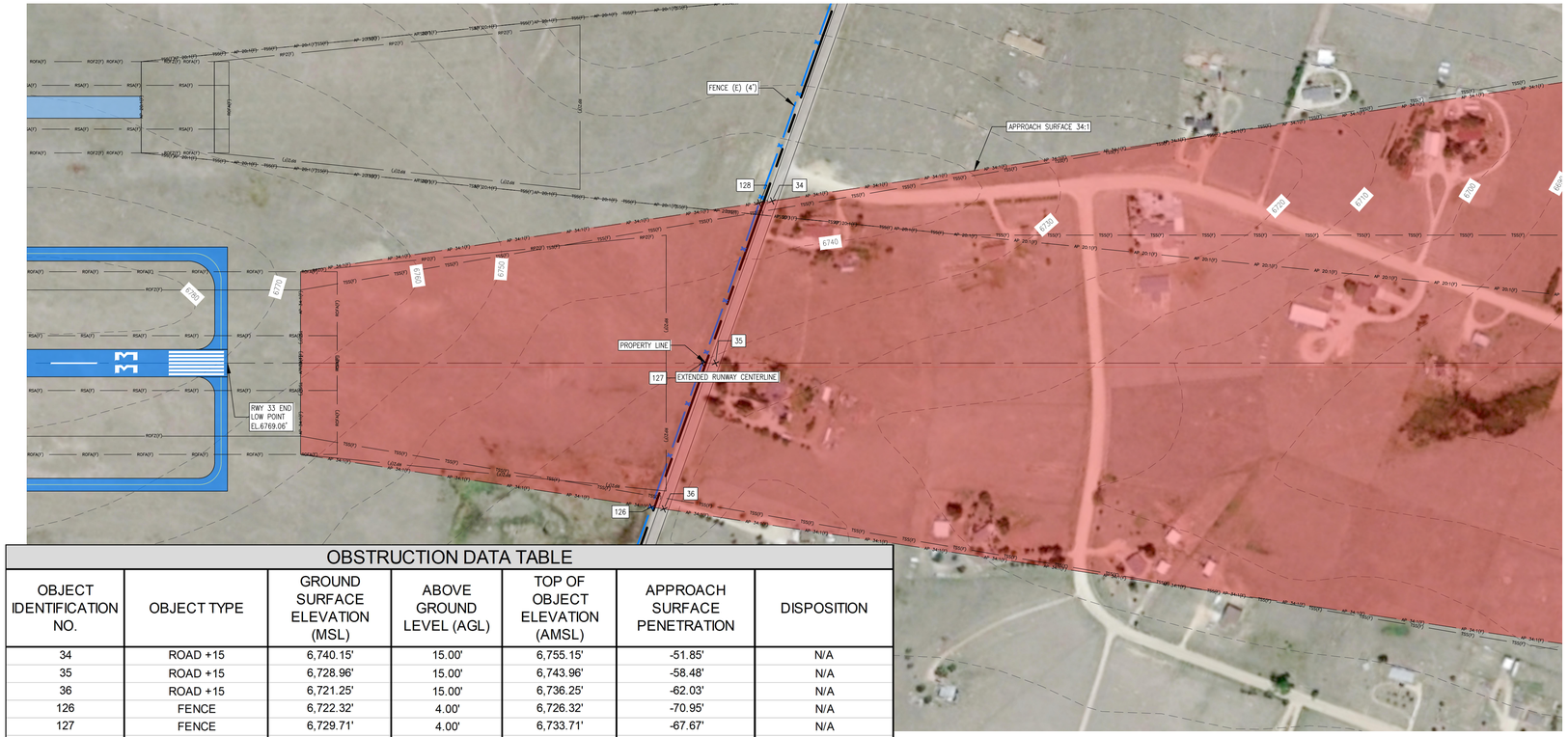
NO.	BY	DATE	DESCRIPTION

AIRPORT
LAYOUT PLAN

INNER APROACH SURFACE DRAWING-
FUTURE RUNWAY END 15

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
14 of 21

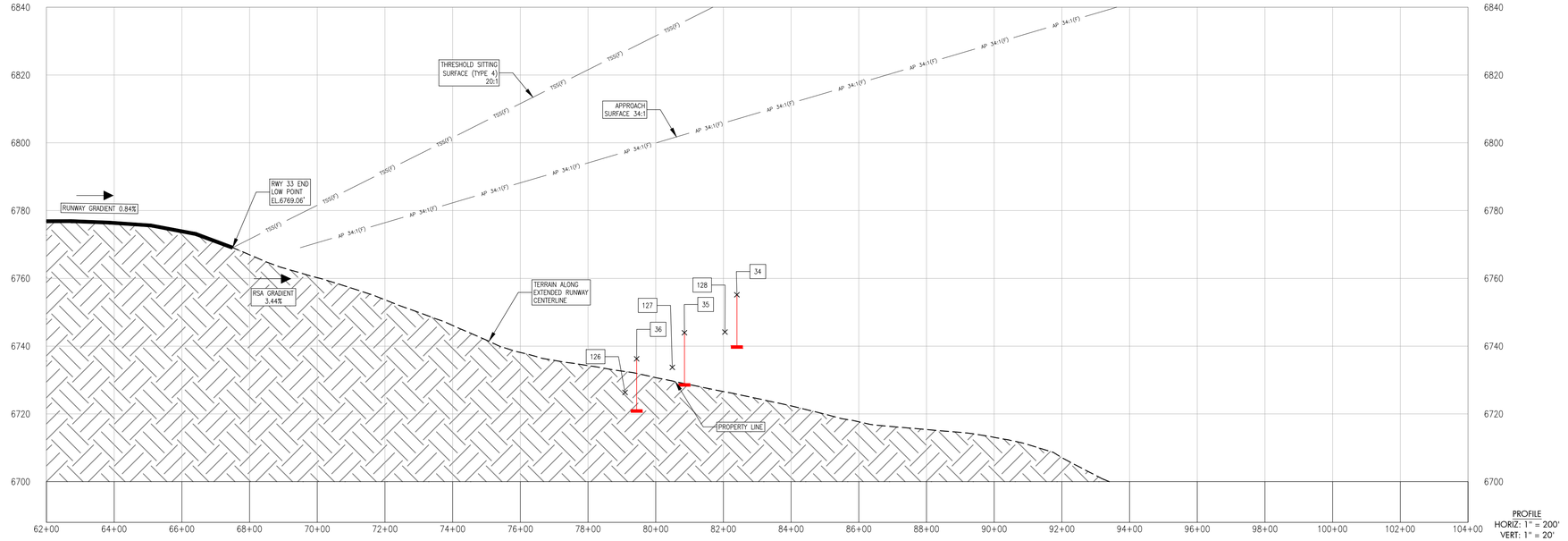


OBSTRUCTION DATA TABLE

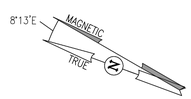
OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION
34	ROAD +15	6,740.15'	15.00'	6,755.15'	-51.85'	N/A
35	ROAD +15	6,728.96'	15.00'	6,743.96'	-58.48'	N/A
36	ROAD +15	6,721.25'	15.00'	6,736.25'	-62.03'	N/A
126	FENCE	6,722.32'	4.00'	6,726.32'	-70.95'	N/A
127	FENCE	6,729.71'	4.00'	6,733.71'	-67.67'	N/A
128	FENCE	6,740.15'	4.00'	6,744.15'	-61.80'	N/A

DRAWING LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		
AIRPORT PAVEMENT		
TURF RUNWAY		
APPROACH SLOPE		
FENCE (4')		



PROFILE
HORIZ: 1" = 200'
VERT: 1" = 20'



GRAPHIC SCALE
0 100 200 400
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

NOTES:

1. AN AIRPORT AIRSPACE ANALYISIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
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   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS)
5. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

JVIATION®

MEADOW LAKE AIRPORT

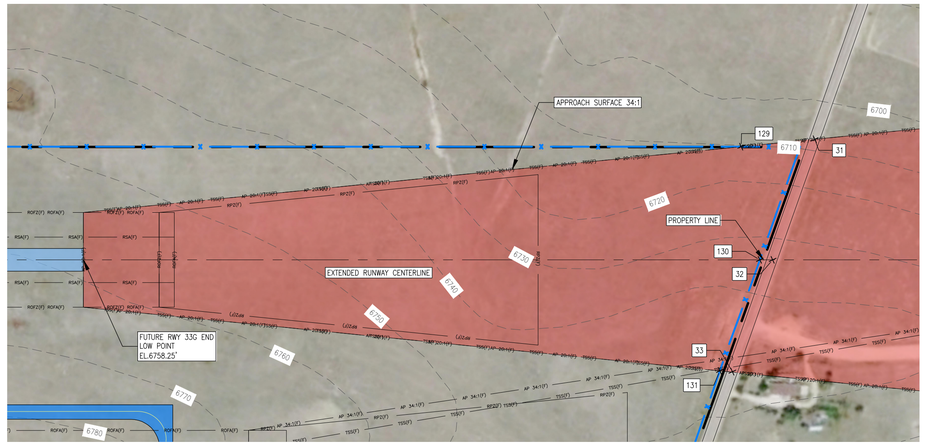
DES: B.L.R.	ISSUE RECORD			
DR: B.L.R.	NO.	BY	DATE	DESCRIPTION
CH: S.E.S.				
APP: D.F.N.				

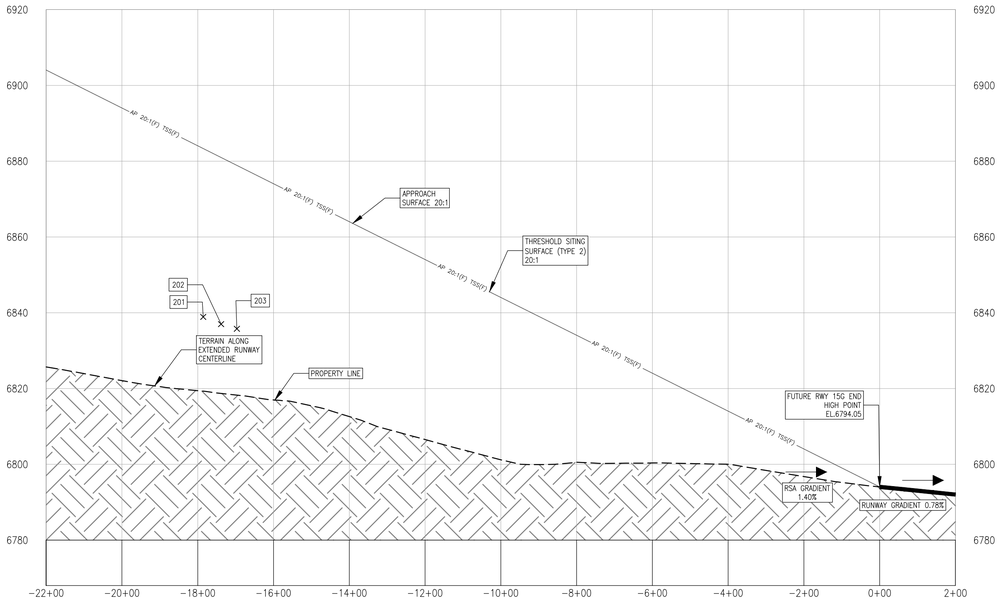
AIRPORT
LAYOUT PLAN

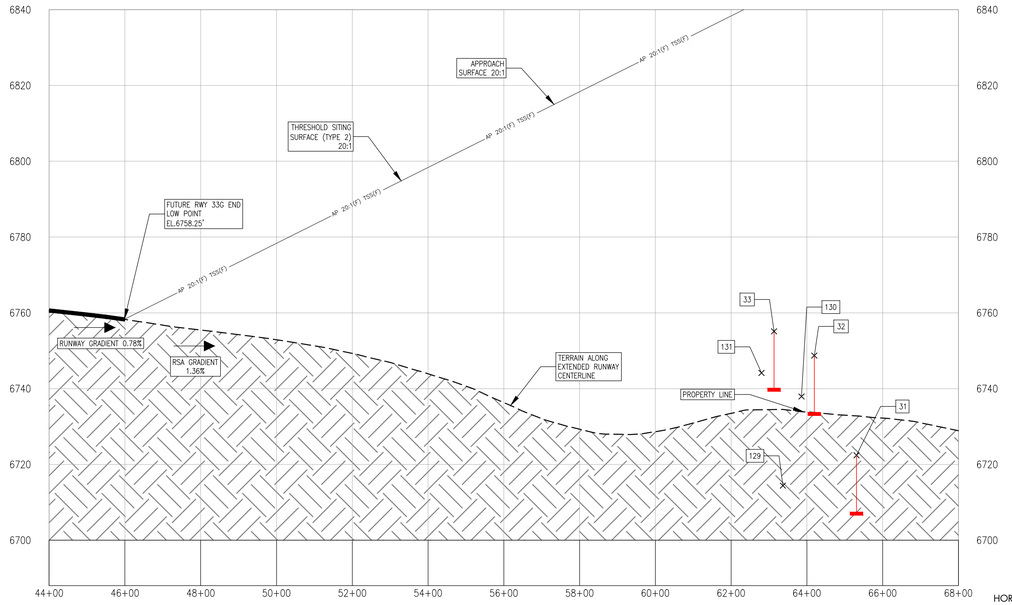
INNER APPROACH SURFACE DRAWING-
FUTURE RUNWAY END 33

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
15 of 21



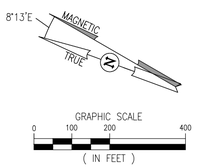




PROFILE
HORIZ: 1" = 200'
VERT: 1" = 20'

OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION
31	ROAD +15	6,707.41'	15.00'	6,722.41'	-132.38'	N/A
32	ROAD +15	6,733.71'	15.00'	6,748.71'	-100.51'	N/A
33	ROAD +15	6,740.12'	15.00'	6,755.12'	-88.80'	N/A
129	FENCE	6,710.38'	4.00'	6,714.38'	-130.78'	N/A
130	FENCE	6,733.91'	4.00'	6,737.91'	-109.62'	N/A
131	FENCE	6,740.13'	4.00'	6,744.13'	-98.13'	N/A
201	HANGAR	6,818.90'	20.00'	6838.90'	-44.41'	N/A
202	HANGAR	6,816.99'	20.00'	6836.99'	-43.96'	N/A
203	HANGAR	6,815.77'	20.00'	6835.77'	-43.10'	N/A



DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

DRAWING LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		
AIRPORT PAVEMENT		
TURF RUNWAY		
BUILDING/HANGAR		
APPROACH SLOPE		
FENCE (4')		

NOTES:

1. AN AIRPORT AIRSPACE ANALYISIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS)
5. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.
DR: B.L.R.
CH: S.E.S.
APP: D.F.N.

ISSUE RECORD

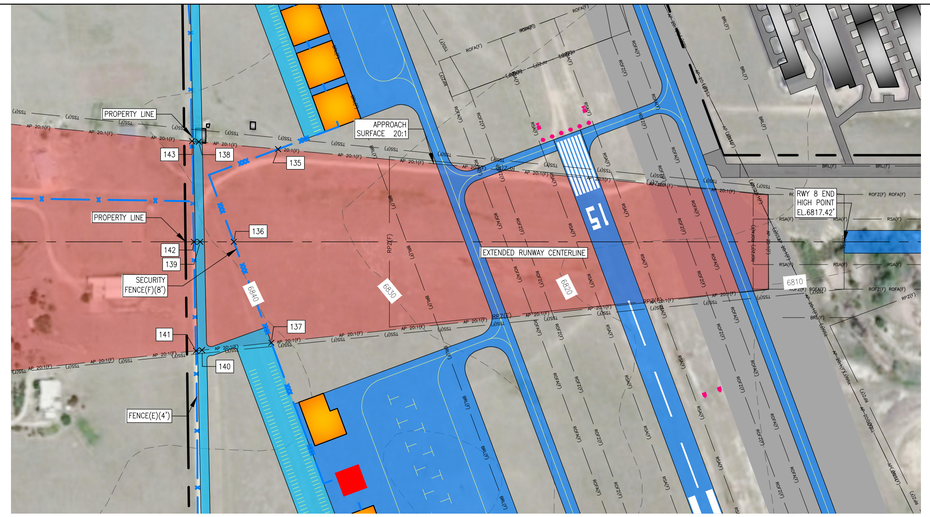
NO.	BY	DATE	DESCRIPTION

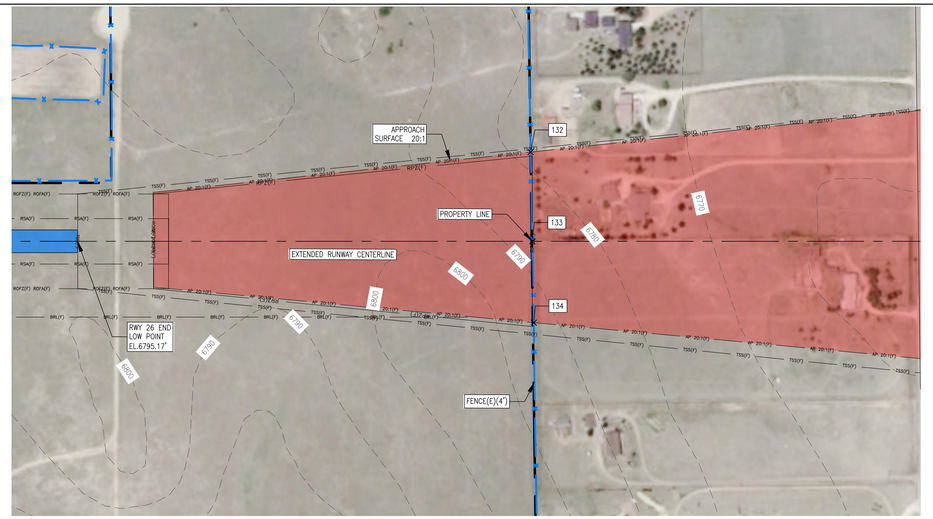
AIRPORT LAYOUT PLAN

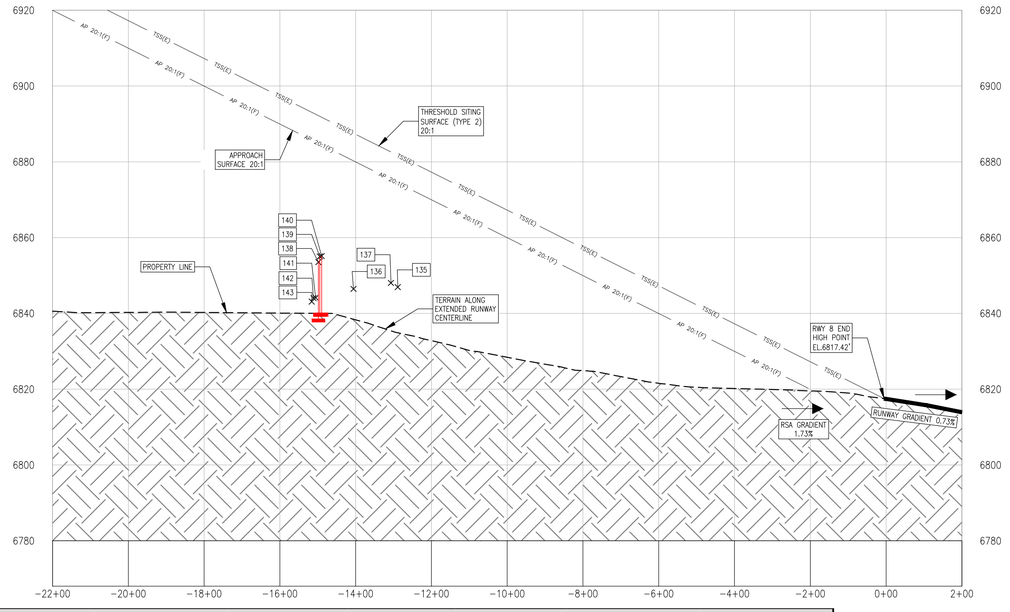
INNER APPROACH SURFACE DRAWING - FUTURE RUNWAY 15G/33G

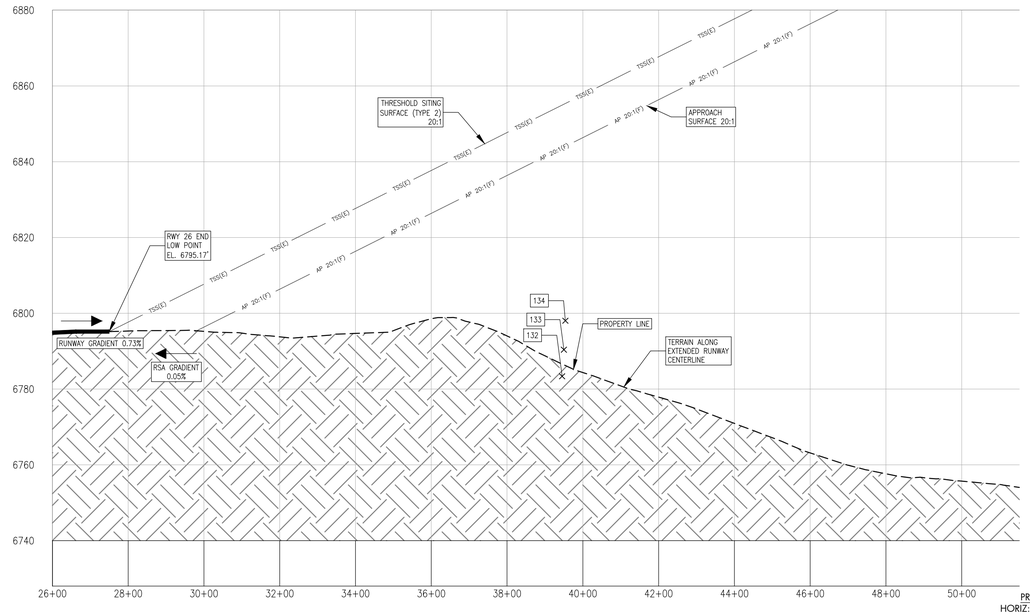
CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
16 of 21





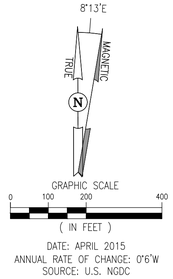




PROFILE
HORIZ: 1" = 200'
VERT: 1" = 20'

OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	APPROACH SURFACE PENETRATION	DISPOSITION
132	FENCE	6,779.37'	4.00'	6,783.37'	-60.25'	N/A
133	FENCE	6,786.38'	4.00'	6,790.38'	-53.47'	N/A
134	FENCE	6,794.03'	4.00'	6,798.03'	-46.01'	N/A
135	FENCE	6,840.01'	8.00'	6,848.01'	-27.48'	N/A
136	FENCE	6,838.45'	8.00'	6,846.45'	-27.29'	N/A
137	FENCE	6,840.01'	8.00'	6,848.01'	-33.80'	N/A
138	ROAD +15	6,838.53'	15.00'	6,853.53'	-31.35'	N/A
139	ROAD +15	6,840.01'	15.00'	6,855.01'	-29.68'	N/A
140	ROAD +15	6,840.12'	15.00'	6,855.12'	-29.33'	N/A
141	FENCE	6,839.11'	4.00'	6,843.11'	-41.11'	N/A
142	FENCE	6,840.02'	4.00'	6,844.02'	-41.50'	N/A
143	FENCE	6,840.12'	4.00'	6,844.12'	-42.65'	N/A



DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

DRAWING LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		
AIRPORT PAVEMENT		
BUILDING/HANGAR		
APPROACH SLOPE		
FENCE (4')		
SECURITY FENCE (6')		

NOTES:

1. AN AIRPORT AIRSPACE ANALYISIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS)
5. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

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May 22, 2019 - 11:07am
Stan.Johns

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.
DR: B.L.R.
CH: S.E.S.
APP: D.F.N.

ISSUE RECORD

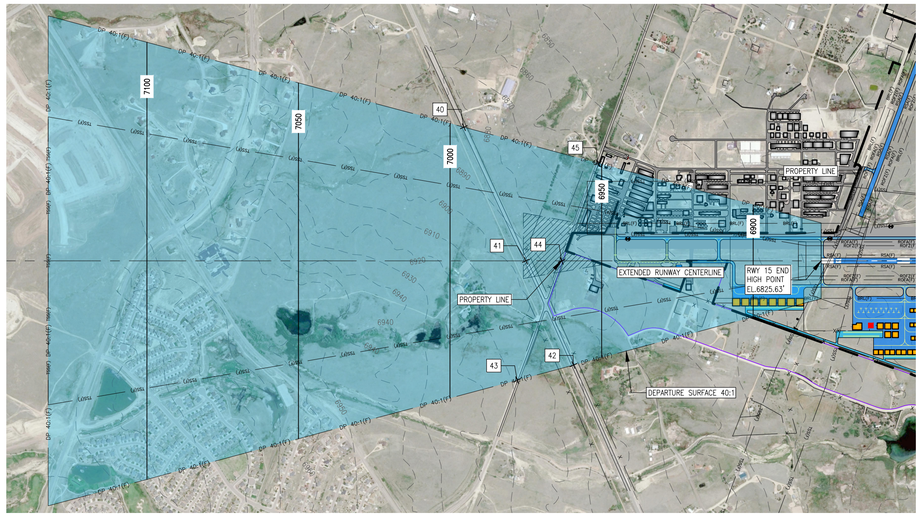
NO.	BY	DATE	DESCRIPTION

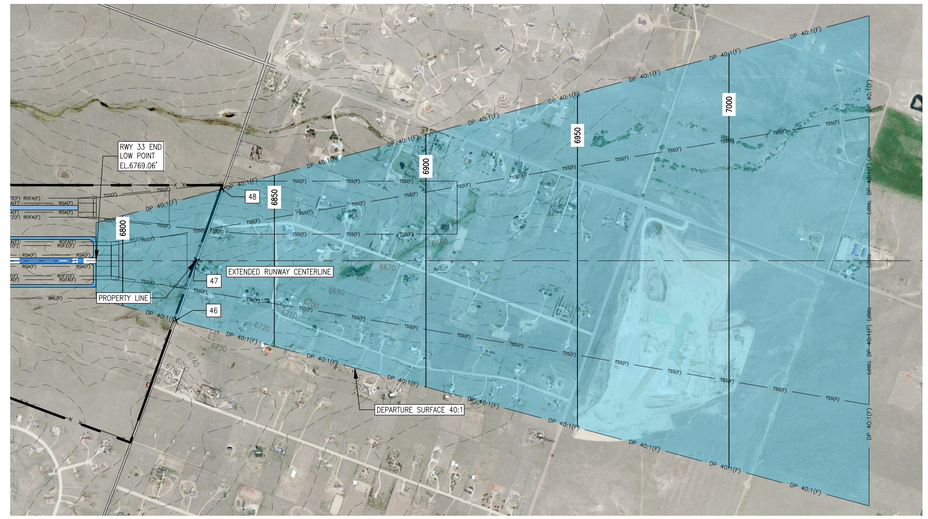
AIRPORT LAYOUT PLAN

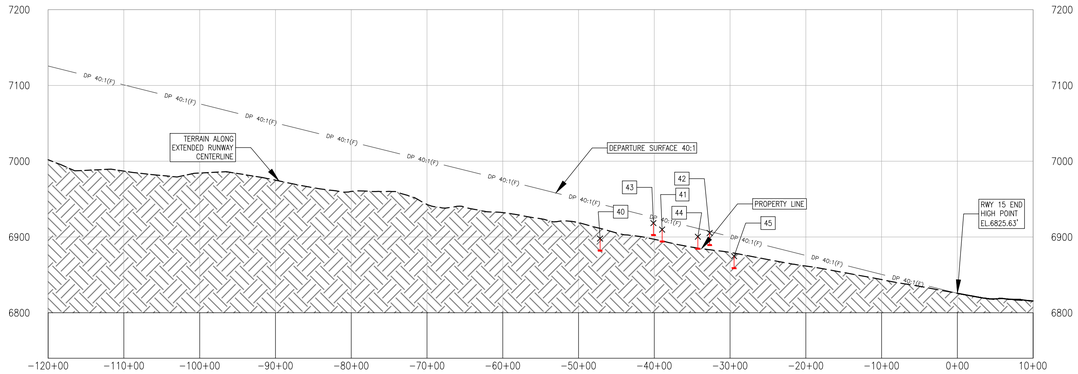
INNER APPROACH SURFACE DRAWING- FUTURE RUNWAY 8/26

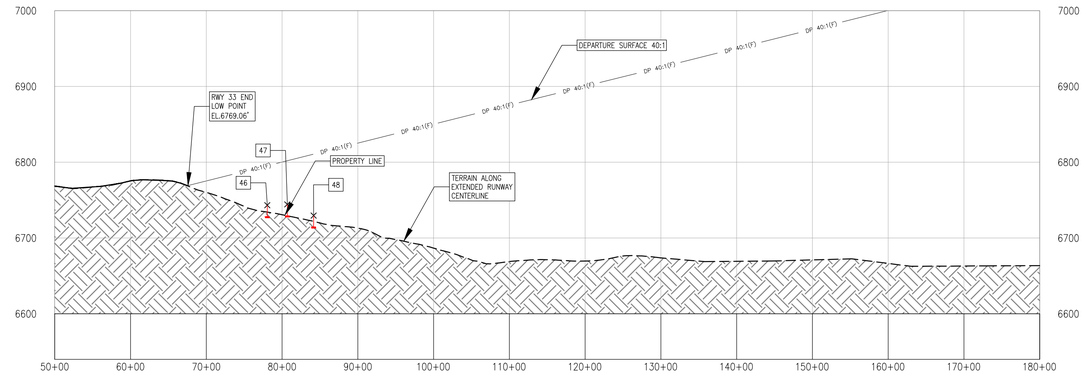
CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
17 of 21





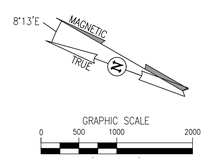




PROFILE
HORIZ: 1" = 1,000'
VERT: 1" = 100'

OBSTRUCTION DATA TABLE

OBJECT IDENTIFICATION NO.	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (AMSL)	DEPARTURE SURFACE PENETRATION	DISPOSITION
40	ROAD +15'	6,882.89'	15.00'	6,897.89'	-45.62'	N/A
41	ROAD +15'	6,894.76'	15.00'	6,909.76'	-13.27'	N/A
42	ROAD +15'	6,890.22'	15.00'	6,905.22'	-21.37'	N/A
43	ROAD +15'	6,903.34'	15.00'	6,918.34'	-7.56'	N/A
44	ROAD +15'	6,885.32'	15.00'	6,900.32'	-10.92'	N/A
45	ROAD +15'	6,859.71'	15.00'	6,874.71'	-24.58'	N/A
46	ROAD +15'	6,728.31'	15.00'	6,743.31'	-52.11'	N/A
47	ROAD +15'	6,729.34'	15.00'	6,744.34'	-57.69'	N/A
48	ROAD +15'	6,714.65'	15.00'	6,729.65'	-81.07'	N/A



GRAPHIC SCALE
0 500 1000 2000
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

NOTES:

1. AN AIRPORT AIRSPACE ANALYSIS AND SURVEY WAS NOT CONDUCTED FOR THIS AIRPORT
2. ALL HORIZONTAL COORDINATES – NAD83/2011
   ALL VERTICAL COORDINATES – NAD88
3. COORDINATES BASED ON SURVEY CONDUCTED ON EXISTING RUNWAY 15/33 BY JVIATION SEPTEMBER 2018; ELEVATIONS BASED ON JVIATION SURVEY AND U.S. GEOLOGICAL SURVEY TOPO 7.5 – MINUTE QUAD
4. ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENT (23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS, OR 10' FOR PRIVATE ROADS)
5. AERIAL IMAGE FROM GOOGLE EARTH, DATED 6/9/17

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18-FLY-ALP-DEPT--15-33(F).dwg
Jun 07, 2019 - 10:22am
Sean.Jones

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.
DR: B.L.R.
CH: S.E.S.
APP: D.F.N.

ISSUE RECORD

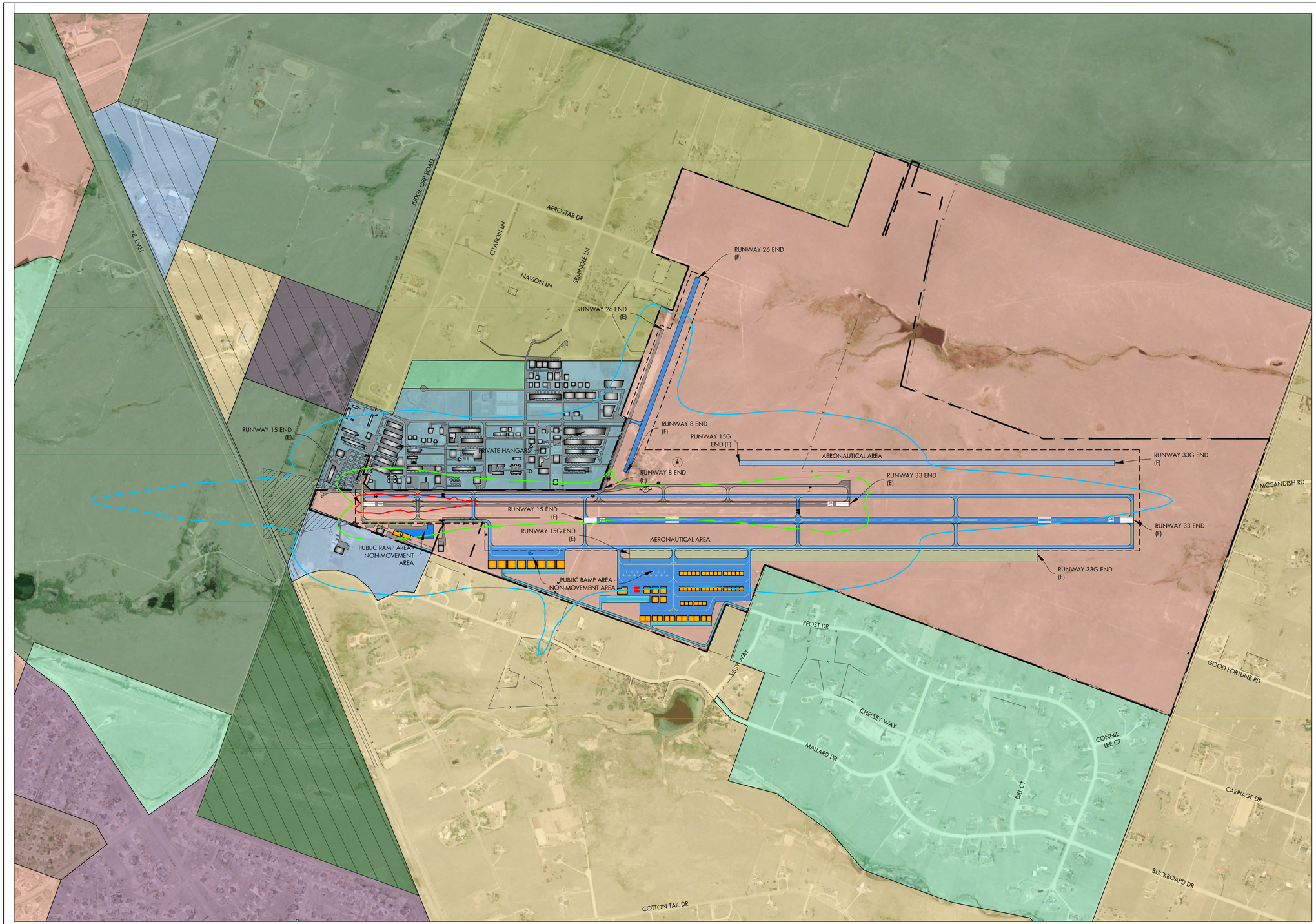
NO.	BY	DATE	DESCRIPTION

AIRPORT LAYOUT PLAN

DEPARTURE SURFACE DRAWING - FUTURE RUNWAY 15/33

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
18 of 21



DRAWING LEGEND

EXISTING 65 DNL CONTOUR	
EXISTING 75 DNL CONTOUR	
EXISTING 85 DNL CONTOUR	
MOVEMENT AREA	
R-4 PUD: PLANNED UNIT DEVELOPMENT	
A-35: AGRICULTURAL (35 ACRES)	
RR-2.5: RESIDENTIAL RURAL (2.5 ACRES)	
RR-5: RESIDENTIAL RURAL (5 ACRES)	
R-4: PLANNED DEVELOPMENT (PRIVATE HANGARS)	
RR-0.5: RESIDENTIAL RURAL (0.5 ACRES)	
RVP: RECREATIONAL VEHICLE PARK	
CS: COMMERCIAL SERVICE	
A-5: AGRICULTURAL (35 ACRES)	
RS-6000: RESIDENTIAL SUBURBAN (6,000 SQ. FT.)	
RS-5000: RESIDENTIAL SUBURBAN (5,000 SQ. FT.)	
M: INDUSTRIAL	

8°13'E
MAGNETIC
TRUE

GRAPHIC SCALE
0 375 750 1500
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

SOURCE:

1. NOISE CONTOURS COLLECTED FROM TURF RUNWAY ENVIRONMENTAL ASSESSMENT, MAY 2013
2. THE SITE PLAN LINE WORK IS BASED ON THE EL PASO COUNTY DEVELOPMENT SERVICES DEPARTMENT JANUARY 18, 2018
3. ALL HORIZONTAL COORDINATES – NAD83/2001
   ALL VERTICAL COORDINATES – NAD88
4. THERE ARE NO PUBLIC FACILITIES (E.G., SCHOOLS, HOSPITALS, PARKS, CHURCHES ETC.) WITHIN AREA BEING SHOWN
5. PLANNED UNIT DEVELOPMENTS ARE A DISTINCT ZONING CLASSIFICATION ESTABLISHED TO PROVIDE FLEXIBILITY FOR UNIFIED DEVELOPMENTS BY WAIVING CERTAIN ZONING REQUIREMENTS IN EXCHANGE FOR PUBLIC BENEFIT.

I:\Projects\FLY\CAD\ALP\2014\PLANS\
19-FLY-ALP1-LAND_NEW.dwg
May 21, 2019 - 11:06am
Sean.Jarvis

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.	ISSUE RECORD			
DR: B.L.R.	NO.	BY	DATE	DESCRIPTION
CH: S.E.S.				
APP: D.F.N.				

AIRPORT LAYOUT PLAN

LAND USE DRAWING

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
19 of 21

LINE LEGEND		
LINE	DIRECTION	DISTANCE
L1	N87°26'06"W	621.50'
L2	N02°00'00"E	275.00'
L3	N85°26'06"W	619.97'
L4	N02°00'00"E	3124.96'
L5	S87°59'44"E	594.72'
L6	N17°35'42"W	538.49'
L7	N162°43'58"W	142.01' 50'R
L8	N88°00'00"W	326.97'
L9	N02°00'00"E	1594.09'
L10	S87°32'16"E	341.93'
L11	S17°35'42"E	447.83'
L12	S87°30'35"E	374.02'
L13	S02°29'25"W	50.00'
L14	N87°30'35"W	238.38'
L15	S17°23'24"E	53.17'
L16	N87°30'35"W	117.15'
L17	S17°35'42"E	2917.71'
L18	S87°16'07"E	804.00'
L19	N15°21'018"W	146.08' 40'R
L20	S87°16'21"E	1469.73'

LINE LEGEND		
LINE	DIRECTION	DISTANCE
L21	S02°39'18"W	150.00'
L22	S87°17'34"E	575.03'
L23	N02°27'29"E	490.49'
L24	S87°33'37"E	1103.32'
L25	S01°57'39"W	2158.98'
L26	S88°03'57"E	990.00'
L27	S01°57'39"W	438.65'
L28	N87°47'00"W	990.01'
L29	S01°57'39"W	30.00'
L30	S87°47'44"E	1030.08'
L31	S02°36'07"W	93.63'
L32	N89°27'28"W	373.70'
L33	S05°10'07"E	400.00'
L34	S84°49'53"W	2369.13'
L35	S02°40'55"W	1863.54'
L36	S17°37'38"E	2777.89'
L37	N87°57'52"W	3607.38'
L38	N02°44'59"E	5291.70'
L39	N03°32'44"E	21.99'

8°13'E MAGNETIC TRUE

GRAPHIC SCALE
0 200 400 800
(IN FEET)

DATE: APRIL 2015
ANNUAL RATE OF CHANGE: 0°6'W
SOURCE: U.S. NGDC

DRAWING LEGEND		
ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		
AIRPORT PAVEMENT		
TURF RUNWAY		
BUILDING/HANGAR		
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E) RPZ(E)	RPZ(F) RPZ(F)
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)

Meadow Lake Estates Filing No 6
MLAF No 6
MLAF No 7
MLAF 14
MLAF No 8
MLAF No 5
MLAF No 1
T 12 S R 64 W 6th P.M.
Block 2
Block 4
Meadow Lake Airport Filing No 2
Meadow Lake Airport Filing No 3
MLAF No 4
Holt Subdivision
Meadow Lake Airport Filing No 9
Vacation And Refiling Of A Portion of Meadow Lake Estates No 1 Block 6B
Block 6A
T 13 S R 64 W 6th P.M.
Unplatted
(Traded For Tract 14)

DES: B.L.R.	ISSUE RECORD			
DR: B.L.R.	NO.	BY	DATE	DESCRIPTION
CH: S.E.S.				
APP: D.F.N.				

AIRPORT LAYOUT PLAN

EXHIBIT A PROPERTY MAP

SHEET NO. 20 of 21

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

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FLY- ALP - EXHIBIT A - 2018.dwg
May 13, 2019 - 11:08pm
Sean.Jones

AIRPORT PARCEL DATA

TRACT	DESCRIPTION	GRANTOR	GRANTEE	DATE	RECORDING DATA	INTEREST	APPROX. ACRES	FAA PROJECT NO.	PURPOSE	NOTES
1	Part of NE 1/4 of of Section 5	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	14.65	N/A	RUNWAY	
1A	Part of SW 1/4 of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	8.312	3-08-0063-05	AERONAUTICAL	TRACT 1A DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1B	Part of SW 1/4 of SE 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	2.67	3-08-0063-06	AERONAUTICAL	TRACT 1B DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1C	Part of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	3.56	3-08-0063-07	AERONAUTICAL	TRACT 1C DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1D	Part of NW 1/4 of SW 1/4 of Section 4; NE 1/4 of SE 1/4 of Section 5	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	2.67	3-08-0063-08	AERONAUTICAL	TRACT 1D DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1E	Part of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	16.45	3-08-0063-09	RUNWAY	TRACT 1E DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1F	Part of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	5.91	3-08-0063-10	RUNWAY	TRACT 1F DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1G	Part of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	13.195	3-08-0063-11	RUNWAY	TRACT 1G DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1H	Part of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	1.475	3-08-0063-12	RUNWAY	TRACT 1H DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1I	Part of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	2.107	3-08-0063-14	RUNWAY	TRACT 1L DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1J	Part of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	2.107	3-08-0063-15	RUNWAY	TRACT 1J DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
1K	Part of SW 1/4 of Section 4	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	.532	3-08-0063-16	RUNWAY	TRACT 1K DONATED FOR USE AS LOCAL SHARE FOR AIP GRANT
2	Part of NW 1/4 of Section 9	CONOVER	MLAA	4/23/1980	BK. 3305 PG. 419	WARRANTY DEED	38.25	3-08-0063-02	RUNWAY	
3	Part of SE 1/4 of Section 32	R.M. AND V.J. PECH	MLAA	9/7/1991	BK. 5870 PG. 1352	AVIGATION EASEMENT	8.21	3-08-0063-02	RUNWAY PROTECTION ZONE	
4	Part of NE 1/4 of Section 5	K.D. AND D.A. JOHNSON	MLAA	12/21/1990	BK. 5802 PG. 1290	AVIGATION EASEMENT	1.41	3-08-0063-02	RUNWAY PROTECTION ZONE	
6A	Part of E 1/2 of Section 5	RENNEBERGER	MLAA	1/14/2002	202006889	FEE SIMPLE	19.829	3-08-0063-07	AERONAUTICAL	DONATION OF TRACT 1C USED FOR LOCAL SHARE OF AIP GRANT
6B	Part of E 1/2 of Section 5	RENNEBERGER	MLAA	1/14/2002	202006889	FEE SIMPLE	2.843	3-08-0063-08	AERONAUTICAL	DONATION OF TRACT 1D USED FOR LOCAL SHARE OF AIP GRANT
6C	Part of E 1/2 of Section 5	PFOST	MLAA	7/20/2005	205109433	FEE SIMPLE	3.523	3-08-0063-15	APPROACH PROTECTION	DONATION OF TRACT 1J USED FOR LOCAL SHARE OF AIP GRANT
6D	Part of E 1/2 of Section 5	PFOST	MLAA	7/20/2005	205109433	FEE SIMPLE	10.898	3-08-0063-16	APPROACH PROTECTION	DONATION OF TRACT 1K USED FOR LOCAL SHARE OF AIP GRANT
7A	Part of S 1/2 of Section 4	UNION DEVELOPMENT, LLC	MLAA	9/23/2003	203222646	FEE SIMPLE	120	3-08-0063-09	APPROACH PROTECTION	DONATION OF TRACT 1D USED FOR LOCAL SHARE OF AIP GRANT
7B	Part of S 1/2 of Section 4	UNION DEVELOPMENT, LLC	MLAA	9/23/2003	203222646	FEE SIMPLE	43.35	3-08-0063-10	AERONAUTICAL	DONATION OF TRACT 1E USED FOR LOCAL SHARE OF AIP GRANT
8A	Part of NW 1/4 of Section 5	FALKENBURG	MLAA	7/18/2001	20110587	FEE SIMPLE	2.336	3-08-0063-06	AERONAUTICAL	DONATION OF TRACT 1B USED FOR LOCAL SHARE OF AIP GRANT
8B	Part of NW 1/4 of Section 5	FALKENBURG	MLAA	7/18/2001	20110587	FEE SIMPLE	3.144	3-08-0063-07	AERONAUTICAL	DONATION OF TRACT 1C USED FOR LOCAL SHARE OF AIP GRANT
9A	Part of NW 1/4 of Section 9	T.D. PFOST	MLAA	3/11/2004	204040186	FEE SIMPLE	21.824	3-08-0063-11	APPROACH PROTECTION	DONATION OF TRACT 1G USED FOR LOCAL SHARE OF AIP GRANT
9A-1	Part of NW 1/4 of Section 9	T.D. PFOST	MLAA	3/11/2004	204040186	FEE SIMPLE	47.176	3-08-0063-10	APPROACH PROTECTION	DONATION OF TRACT 1E USED FOR LOCAL SHARE OF AIP GRANT
9B	Part of S 1/2 of Section 9	RDS	MLAA	3/4/2004	204036388	FEE SIMPLE	96.63	3-08-0063-11	APPROACH PROTECTION	DONATION OF TRACT 1G USED FOR LOCAL SHARE OF AIP GRANT
9BA	Part of SW 1/4 of Section 9	RDS	MLAA	3/4/2004	204036384	FEE SIMPLE	4.77	3-08-0063-11	APPROACH PROTECTION	DONATION OF TRACT 1G USED FOR LOCAL SHARE OF AIP GRANT
9BB	Part of S 1/2 of Section 9	RDS	MLAA	3/4/2004	204036386	FEE SIMPLE	1.71	3-08-0063-11	APPROACH PROTECTION	DONATION OF TRACT 1G USED FOR LOCAL SHARE OF AIP GRANT
9C	Part of SW 1/4 of Section 9	RDS	MLAA	3/4/2004	204036388	FEE SIMPLE	10.65	3-08-0063-14	APPROACH PROTECTION	DONATION OF TRACT 1L USED FOR LOCAL SHARE OF AIP GRANT
9E	Part of SW 1/4 of Section 9	T.D. PFOST	MLAA	3/11/2004	204040186	FEE SIMPLE	75.52	3-08-0063-15	APPROACH PROTECTION	DONATION OF TRACT 1J USED FOR LOCAL SHARE OF AIP GRANT
9F	Part of NW 1/4 of Section 9	T.D. PFOST	MLAA	3/11/2004	204040186	FEE SIMPLE	31	3-08-0063-12	APPROACH PROTECTION	DONATION OF TRACT 1H USED FOR LOCAL SHARE OF AIP GRANT
9G	Part of NW 1/4 of Section 9	T.D. PFOST	MLAA	3/11/2004	204040186	FEE SIMPLE	22.36	3-08-0063-12	APPROACH PROTECTION	DONATION OF TRACT 1H USED FOR LOCAL SHARE OF AIP GRANT
9G-1	Part of NW 1/4 of Section 9	T.D. PFOST	MLAA	3/11/2004	204040186	FEE SIMPLE	7.64	3-08-0063-14	APPROACH PROTECTION	DONATION OF TRACT 1L USED FOR LOCAL SHARE OF AIP GRANT
11A	Part of Sections 4 and 5	T.D. PFOST	MLAA	3/11/2004	204040186	FEE SIMPLE	24.5	3-08-0063-11	TRANSITIONAL PROTECTION	DONATION OF TRACT 1G USED FOR LOCAL SHARE OF AIP GRANT
11B	Part of SE 1/4 of Section 5	T.D. PFOST	MLAA	3/11/2004	204040186	FEE SIMPLE	26.144	3-08-0063-12	TRANSITIONAL PROTECTION	DONATION OF TRACT 1H USED FOR LOCAL SHARE OF AIP GRANT
11B-1	Part of SE 1/4 of Section 5	T.D. PFOST	MLAA	3/11/2004	204040186	EASEMENT	6.265	3-08-0063-11	TRANSITIONAL PROTECTION	DONATION OF TRACT 1G USED FOR LOCAL SHARE OF AIP GRANT
12A	Part of SW 1/4 of Section 4	RANCH AIR	MLAA	10/7/2004	204169047	FEE SIMPLE	5.45	3-08-0063-16	TRANSITIONAL PROTECTION	DONATION OF TRACT 1K USED FOR LOCAL SHARE OF AIP GRANT
12B	Part of SW 1/4 of Section 4	RANCH AIR	MLAA	10/7/2004	204169047	FEE SIMPLE	.65	3-08-0063-17	TRANSITIONAL PROTECTION	
12C	Part of SW 1/4 of Section 4	RANCH AIR	MLAA	10/7/2004	204169047	FEE SIMPLE	.0173	CDOT	TRANSITIONAL PROTECTION	
12D	Part of SW 1/4 of Section 4	RANCH AIR	MLAA	10/7/2004	204169047	FEE SIMPLE	12.4	CDOT	TRANSITIONAL PROTECTION	
12E	Part of SW 1/4 of Section 4	RANCH AIR	MLAA	10/7/2004	204169047	FEE SIMPLE	9.46	CDOT	TRANSITIONAL PROTECTION	
12F	Part of SW 1/4 of Section 4	RANCH AIR	MLAA	10/7/2004	204169047	FEE SIMPLE	1.9	3-08-0063-20	TRANSITIONAL PROTECTION	DONATION OF TRACT 1K USED FOR LOCAL SHARE OF AIP GRANT
14	Part of NE 1/4 of Section 9	VEPO, LLC - VENTIMIGLIA	MLAA	7/11/2005	205103778	FEE SIMPLE	36.37		TRANSITIONAL PROTECTION	ACQUIRED VIA TRADE FOR TRACT 9D

FUTURE ACQUISITIONS

TRACT	CURRENT OWNER	ACQUISITION TYPE	ACRES	PURPOSE
5		AVIGATION EASEMENT	0.70	APPROACH PROTECTION
13	RDS	FEE SIMPLE	4.87	RUNWAY PROTECTION ZONE
15	HAMILTON	FEE SIMPLE	5.4	GA TERMINAL AREA/TAXIWAY DEVELOPMENT
16*		QUIT-CLAIM DEED	3.7	TAXILANE/AIRFIELD ACCESS
17*		QUIT-CLAIM DEED	1.7	TAXILANE/AIRFIELD ACCESS
18*		QUIT-CLAIM DEED	1.7	TAXILANE/AIRFIELD ACCESS
19*		QUIT-CLAIM DEED	1.1	TAXILANE/AIRFIELD ACCESS
20*		QUIT-CLAIM DEED	1.5	TAXILANE/AIRFIELD ACCESS

*PARCEL LIMITS ARE NOT PRECISELY KNOWN AT THIS TIME AND CONTAIN NUMEROUS LANDOWNERS AND TENANT BOUNDARIES. THE INTENT OF AIRPORT IS TO ACQUIRE SUFFICIENT PROPERTY ALONG THE EXISTING TAXI LANES SUFFICIENT TO CONSTRUCT, RECONSTRUCT, REHABILITATE OR OTHERWISE MAINTAIN THE AIRPORT INFRASTRUCTURE

PARCEL DISPOSAL

TRACT	GRANTEE	DATE	RECORDING DATA	INTEREST	ACRES	NOTES
9D	MLAA	3/4/2004	204036388	FEE SIMPLE	45.07	ORIGINALLY ACQUIRED UNDER AIP 3-08-0063-11 ; TRADED FOR PARCEL 14

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FLY_ALP_EXHA_2015.dwg
May 13, 2019 - 11:09am
Sean.Jarvis

JVIATION®

MEADOW LAKE AIRPORT

DES: B.L.R.
DR: B.L.R.
CH: S.E.S.
APP: D.F.N.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

AIRPORT LAYOUT PLAN

EXHIBIT A PROPERTY MAP

CDAG GRANT NO.	JVIATION PROJ. NO.	DATE:
2014-FLY-01	2014.FLY.01	MAY 2019

SHEET NO.
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