



U.S. Department
of Transportation

**Federal Aviation
Administration**

Central Region
Iowa, Kansas
Missouri, Nebraska

901 Locust
Kansas City, Missouri 64106
(816) 329-2600

April 13, 2022

Mr. James Lynaugh
Airport Manager
Kearney Regional Airport
P.O. Box 1180
Kearney, NE 68848

Dear Mr. Lynaugh:

ALP As-Built Conditional Approval
Kearney Regional (EAR), Kearney, NE
AIP No. 3-31-0045-034-2021

The As-Built Airport Layout Plan (ALP) for the airport is acceptable from the standpoint that it has incorporated the following changes:

- ➔ 1 Reconstruction of Taxiways A, C and Connector Taxiways And
- ➔ 2 Expansion of the Airport Terminal Parking Lot

The ALP was originally approved on June 07, 2013, and the conditions stated in the enclosed approval letter remain in effect.

The ALP submitted with your approved date of March 30, 2022, is acceptable from the standpoint of safety, efficiency, and utility with the exception of the above conditions. Therefore, my approval of the ALP is given subject to the above conditions.

Although future structures on or near the airport may be in conformance with the ALP, all future alterations or new structures will be subject to the notice provisions of Federal Aviation Regulations (FAR) Part 77.

This approval does not cancel notice and review requirements that 14 CFR Parts 77 and 157 impose because they address all proposed structures shown on the ALP. Our review and approval should not be construed as relieving the sponsor or the engineer of the responsibility for the accuracy, completeness, and technical content of the ALP drawings. The ALP is a graphic depiction of the existing and future airport facilities showing the clearance and dimensional requirements to meet applicable standards. The ALP serves as a record of aeronautical requirements and is used by the FAA in its review of proposals that may affect the navigable airspace or other missions of the FAA. The ALP is an important document and should be kept up-to-date at all times with respect to future planned development and existing features.

Our review and approval should not be construed as relieving the sponsor or the engineer of the responsibility for the accuracy, completeness, and technical content of the Airport Layout Plan drawings. The ALP is an important document and should be kept up-to-date at all times with respect to future planned development and existing features.

One set of the of conditionally approved ALP drawings is attached. Please forward paper copies of this letter with sets of conditionally approved ALP drawings to the Nebraska Department of Transportation, FAA and Airport.

If you have any questions, you may contact me by telephone at (816) 329-2629 or via email at justin.collier@faa.gov.

Sincerely,

Justin Collier, P.E.
State Airport Planner - Nebraska

Enclosure: ALP Drawing Set



U.S. Department
Of Transportation

**Federal Aviation
Administration**

Central Region
Iowa, Kansas
Missouri, Nebraska

901 Locust
Kansas City, Missouri 64106-2325

June 18, 2013

Mr. Jim Lynaugh, Airport Manager
City of Kearney
P.O. Box 1180
Kearney, NE 68848

Dear Mr. Lynaugh:

Kearney Regional Airport
Kearney, Nebraska
AIP Project No. 3-31-0045-19,-26
Airport Layout Plan (ALP) Update – Conditional Approval

We have completed our review of the Airport Layout Plan (ALP) update for Kearney Regional Airport, Kearney, Nebraska. The ALP narrative report and drawings set as approved by the City of Kearney on June 7, 2013 is acceptable for planning purposes and from the standpoint of efficiency, utility, and safety and in general we concur with the conclusions and recommendations.

The ALP received a favorable airspace determination under Airspace Study Case No. 2013-ACE-562-NRA on May 8, 2013. The determination and any provisions have been transmitted to you in a separate airspace determination letter. Although future structures on or near the airport may be in conformance with the ALP, this determination does not extend to them. Therefore, all future structures will be subject to the notice provisions of Federal Aviation Regulations (FAR) Part 77.

This ALP approval and airspace determination does not commit the sponsor to implement the plan. Additionally, it also does not constitute a commitment of Federal funds, authorize construction or development, nor constitute FAA's commitment to take part in the recommended development or land acquisition shown on the plan. Determinations in this regard are made only after a specific request for federal funds is submitted.

Airport development is subject to Federal environmental laws, statutes, and regulations. FAA must first make an environmental finding on these actions before the airport sponsor may begin them. To satisfy these responsibilities, FAA must complete the environmental process described in the most current version of FAA Order 5050.4. This conditional approval of the ALP and airspace determination does not indicate that the proposed development is

environmentally approved. The proposed airport development identified below and shown on the ALP shall not be undertaken without prior written environmental approval by the FAA. These items include:

- Shift of Runway 13/31
- Modification of Taxiways for Runway 18/36
- Construction of Aircraft Rescue and Firefighting Facility (ARFF)
- Any land acquisition
- Any terminal area development including: construction of aprons, buildings, parking lots and access roads.

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

We have retained one set of the approved ALP drawings for the official FAA file. One set of the approved ALP drawings is enclosed for your use. By copy of this letter, approved copies of the ALP drawing set are being furnished to your consultant, Kirkham Michael, and your agent, the Nebraska Department of Aeronautics.

If you have any questions, please contact me at (816) 329-2624 or send me an e-mail message at doug.anderson@faa.gov.

Sincerely,

ORIGINAL SIGNED BY

Douglas R. Anderson, P.E.
Airport Planning Engineer – Nebraska

Encl.: Airport Layout Plan Drawings Set

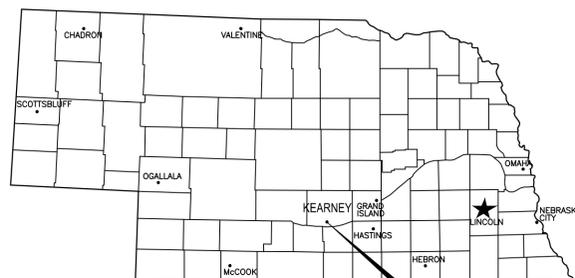
cc: Ms. Anna Lannin, Nebraska Department of Aeronautics
Mr. Nicholas Gordon, Kirkham Michael

AIRPORT MASTER PLAN

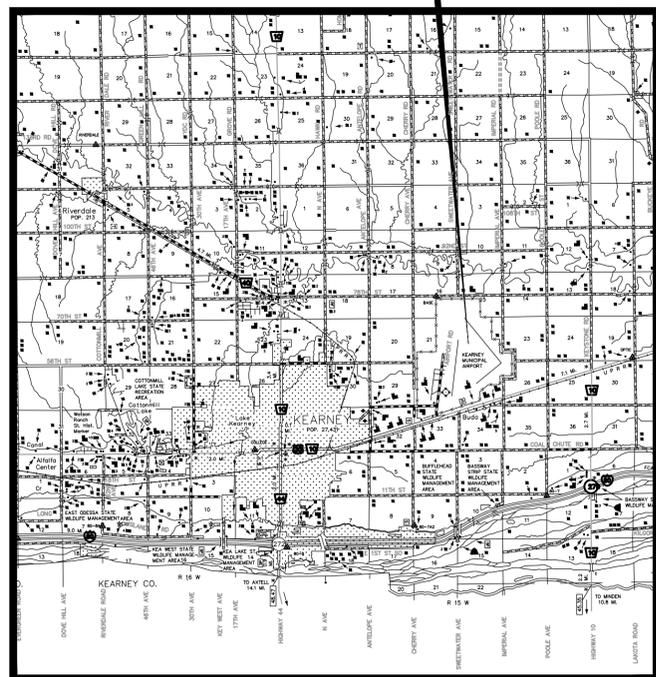
KEARNEY REGIONAL AIRPORT (EAR)

KEARNEY, NEBRASKA

AIP PROJECT NO. 3-31-0045-19/26



VICINITY MAP
KEARNEY REGIONAL AIRPORT



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21. AIRPORT DEPARTURE SURFACE TABLES: RUNWAY 13/31

No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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 3-31-0045-19/26) 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.

AIRPORT DATA TABLE		
	EXISTING	ULTIMATE
AIRPORT ELEVATION	2131.8'	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES	LAT 40°43'37" LONG 99°00'24"	LAT 40°43'40" LONG 99°00'27"
MEAN MAXIMUM TEMPERATURE	85.7 °F	SAME
AIRPORT ELECTRONIC AIDS	VOR, NDB, LOC, GPS	SAME
AIRPORT REFERENCE CODE	C-II	SAME
CRITICAL AIRCRAFT	BOMBARDIER CRJ200	SAME

RUNWAY DATA TABLE				
	RUNWAY 18/36		RUNWAY 13/31	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
APPROACH CATEGORY/DESIGN GROUP	C-II	SAME	B-II	SAME
RUNWAY DIMENSIONS	7,094' x 100'	SAME	4,498' x 75'	5,100' x 75'
RUNWAY LIGHTING	HIRL	SAME	MIRL	SAME
RUNWAY MARKING	NON-PREC. (18) PREC. INST. (36)	SAME	NON-PREC. (13) NON-PREC. (31)	SAME
PAVEMENT MATERIAL	CONCRETE	SAME	CONCRETE	SAME
*PAVEMENT STRENGTH (LBS)	39.5 S, 56 D	SAME	30 S, 38 D	SAME
EFFECTIVE GRADIENT (%)	0.039%	SAME	0.089%	0.090%
RUNWAY SAFETY AREA (RSA)	9,094' x 500'	SAME	5,098' x 150'	5,700' x 150'
RUNWAY OBJECT FREE AREA (OFA)	9,094' x 800'	SAME	5,098' x 500'	5,700' x 500'
OBSTACLE FREE ZONE (OFZ)	9,780' x 400'	SAME	4,898' x 400'	5,500' x 400'
APPROACH SURFACE SLOPE	34:1 (18) 50:1 (36)	SAME	34:1 (13) 20:1 (31)	SAME (13) 34:1 (31)
INSTRUMENT RUNWAY	NON-PREC. (18) PREC. INST. (36)	SAME	NON-PREC. (13) VISUAL (31)	NON-PREC. (13) NON-PREC. (31)
ELECTRONIC AIDS	VOR, GPS (18) VOR, NDB, LOC, GPS (36)	SAME	VOR (13)	VOR, GPS (13) GPS (31)
VISUAL AIDS	PAP, REIL (18) MALSR, PAPI (36)	SAME (18) SAME (36)	PAPI (13)	PAP, REIL (13) PAP, REIL (31)
APPROACH VISIBILITY MINIMUMS	1 1/2 MI. (18) <1/2 MI. (36)	3/4 MI. (18) SAME	1 MI. (13) VISUAL (31)	SAME (13) 1 MI. (13)
TOUCHDOWN ZONE ELEVATION (TDZE)	2130.6 (18) 2131.2 (36)	SAME SAME	2130.1 (13) 2128.3 (31)	2130.7 (13) 2128.3 (31)
PART 77 APPROACH USE TYPE	C (18) PIR (36)	D (18) SAME	C (13) B(V) (31)	SAME C (31)
AERONAUTICAL SURVEY TYPE REQUIRED FOR APPROACH	"RUNWAYS WITH VERTICAL GUIDANCE"	SAME	"RUNWAYS WITHOUT VERTICALLY GUIDANCE"	"RUNWAYS WITH VERTICAL GUIDANCE"

*STRENGTH IN 1,000 LBS FOR 'S' (SINGLE) AND 'D' (DUAL) LANDING GEARS.

TAXIWAY DATA TABLE						
	TAXIWAY A		TAXIWAY B		TAXIWAY C	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
DESIGN GROUP	II	SAME	II	SAME	II	SAME
TAXIWAY WIDTH	50'/35'	SAME	50'/40'	SAME	50'/35'	SAME
TAXIWAY LIGHTING	MITL	SAME	MITL	SAME	MITL	SAME
TAXIWAY MARKING	CENTERLINE, EDGE, HOLDLINE, SHOULDER	SAME	CENTERLINE, HOLDLINE	SAME	CENTERLINE, HOLDLINE	SAME
PAVEMENT MATERIAL	ASPHALT/CONCRETE	CONCRETE	CONCRETE	SAME	CONCRETE	SAME
	TAXIWAY D		TAXIWAY E		TAXIWAY F	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
DESIGN GROUP	II	SAME	II	REMOVE	II	SAME
TAXIWAY WIDTH	50'/40'	50'	35'	REMOVE	35'	SAME
TAXIWAY LIGHTING	MITL	SAME	MITL	REMOVE	MITL	SAME
TAXIWAY MARKING	CENTERLINE, HOLDLINE	SAME	CENTERLINE, HOLDLINE	REMOVE	CENTERLINE, EDGE, HOLDLINE	SAME
PAVEMENT MATERIAL	CONCRETE	SAME	ASPHALT/CONCRETE	REMOVE	CONCRETE	SAME

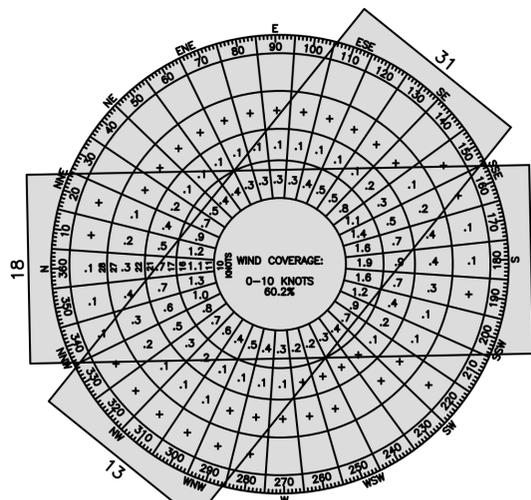
AIRPORT DATUM REFERENCES
 HORIZ. COORDINATES: NAD 83 COORDINATE SYSTEM
 MSL ELEVATIONS: NAD 88 VERTICAL CONTROL DATUM

MODIFICATION OF AIRPORT DESIGN STANDARDS			
APPROVAL DATE	AIRSPACE CASE NO.	STANDARD MODIFIED	DESCRIPTION
		NONE REQUIRED	

DECLARED DISTANCE DATA	RUNWAY (EXIST/ULT)		RUNWAY (ULT)	
	18	36	13	31
TAKEOFF RUN AVAILABLE (TORA)				
TAKEOFF DISTANCE AVAILABLE (TODA)				
ACCEL STOP DISTANCE AVAILABLE (ASDA)				
LANDING DISTANCE AVAILABLE (LDA)				

OBSTACLE FREE ZONE (OFZ) OBJECT PENETRATIONS TABLE				
No.	PENETRATION	DESCRIPTION	DISPOSITION	ELEVATION
	NO O.F.Z. PENETRATIONS			

THRESHOLD SITING SURFACE OBJECT PENETRATIONS TABLE				
No.	PENETRATION	DESCRIPTION	DISPOSITION	ELEVATION
	NO T.S.S. PENETRATIONS			



ALL WEATHER WIND ROSE
 SOURCE: NATIONAL CLIMATIC DATA CENTER
 KEARNEY REGIONAL AIRPORT, KEARNEY, NEBRASKA
 PERIOD FROM 1998-2008

WIND COVERAGE				
	10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS
RUNWAY 18/36 (EXIST) (EXISTING COVERAGE)	89.8%	94.5%	98.0%	99.4%
RUNWAY 13/31 (EXIST) (EXISTING COVERAGE)	84.1%	91.3%	96.9%	99.2%
EXISTING COMBINED COVERAGE (RUNWAY 18/36 AND 13/31)	96.9%	98.8%	99.7%	99.9%

APPROACH SURFACE INTERSECTION TABLE								
ID NO.	OBJECT DESCRIPTION	OBJECT ELEVATION	SURFACE ELEVATION	AMOUNT OF PENETRATION	DISPOSITION OF OBJECT	SURFACE ELEVATION	AMOUNT OF PENETRATION	DISPOSITION OF OBJECT
SURFACE INTERSECTIONS			APPROACH (EXIST)			APPROACH (ULT)		
A	AIRPORT SERVICE ROAD	2130.0'	2192.1'	-62.1'	NONE	SAME	SAME	SAME
B	7' FENCE	2132.3'	2145.5'	-13.1'	NONE	SAME	SAME	SAME
C	AIRPORT SERVICE ROAD	2135.4'	2144.0'	-8.7'	NONE	SAME	SAME	SAME
D	AIRPORT SERVICE ROAD	2134.0'	2187.8'	-53.8'	NONE	SAME	SAME	SAME
E	7' FENCE	2133.9'	2152.2'	-18.3'	NONE	SAME	SAME	SAME
F	AIRPORT SERVICE ROAD	2137.3'	2154.9'	-17.7'	NONE	SAME	SAME	SAME
G	AIRPORT SERVICE ROAD	2136.0'	2167.9'	-31.9'	NONE	SAME	SAME	SAME
H	7' FENCE	2136.5'	2155.2'	-18.7'	NONE	SAME	SAME	SAME
I	AIRPORT SERVICE ROAD	2139.8'	2151.3'	-11.5'	NONE	SAME	SAME	SAME
CA	AIRPORT SERVICE ROAD	2135.2'	2141.3'	-6.1'	NONE	SAME	SAME	SAME
CB	7' FENCE	2133.3'	2142.7'	-9.4'	NONE	SAME	SAME	SAME
CC	AIRPORT SERVICE ROAD	2139.9'	2151.3'	-11.4'	NONE	SAME	SAME	SAME
CD	7' FENCE	2136.6'	2155.2'	-18.7'	NONE	SAME	SAME	SAME
CE	AIRPORT SERVICE ROAD	2138.0'	2165.8'	-27.8'	NONE	SAME	SAME	SAME
CF	AIRPORT SERVICE ROAD	2138.0'	2165.8'	-27.8'	NONE	SAME	SAME	SAME
J	AIRPORT SERVICE ROAD	2138.4'	2192.0'	-53.6'	NONE	2159.3'	-20.9'	SAME
K	7' FENCE	2134.9'	2152.8'	-17.9'	REMOVE	N/A	N/A	REMOVED
LE	AIRPORT SERVICE ROAD	2139.0'	2177.0'	-38.0'	REMOVE	N/A	N/A	REMOVED
LU	ULTIMATE AIRPORT SERVICE ROAD	2139.6'	2178.3'	-38.7'	NONE	2145.5'	-6.0'	NONE
ME	7' FENCE	2135.6'	2142.2'	-6.6'	REMOVE	N/A	N/A	REMOVED
MU	ULTIMATE 9' FENCE	2137.8'	2177.3'	-39.5'	NONE	2144.5'	-6.7'	SAME
NE	AIRPORT SERVICE ROAD	2138.0'	2164.8'	-26.8'	REMOVE	N/A	N/A	REMOVED
NU	ULTIMATE AIRPORT SERVICE ROAD	2142.8'	2175.6'	-32.8'	NONE	2142.8'	-0.0'	NONE
O	7' FENCE	2132.2'	2140.5'	-8.3'	REMOVE	N/A	N/A	REMOVED
BA	ULTIMATE AIRPORT SERVICE ROAD	2134.0'	2178.2'	-44.2'	NONE	2145.4'	-11.4'	NONE
BB	AIRPORT SERVICE ROAD	2140.0'	2186.1'	-46.1'	NONE	2153.3'	-13.3'	NONE
P	AIRPORT SERVICE ROAD	2142.7'	2167.2'	-24.5'	NONE	SAME	SAME	SAME
Q	7' FENCE	2135.0'	2140.3'	-5.3'	NONE	SAME	SAME	SAME
R	UNION PACIFIC RAILROAD	2147.0'	2181.5'	-34.5'	NONE	SAME	SAME	SAME
S	US HIGHWAY 30 (EAST BOUND)	2141.8'	2178.2'	-36.4'	NONE	SAME	SAME	SAME
T	US HIGHWAY 30 (WEST BOUND)	2142.1'	2177.3'	-35.2'	NONE	SAME	SAME	SAME
U	UNION PACIFIC RAILROAD	2147.0'	2173.7'	-26.7'	NONE	SAME	SAME	SAME
V	US HIGHWAY 30	2141.1'	2170.5'	-29.4'	NONE	SAME	SAME	SAME
W	7' FENCE	2130.8'	2168.4'	-37.6'	NONE	SAME	SAME	SAME
X	UNION PACIFIC RAILROAD	2146.0'	2166.9'	-20.9'	NONE	SAME	SAME	SAME
Y	US HIGHWAY 30	2139.4'	2163.8'	-24.4'	NONE	SAME	SAME	SAME
Z	7' FENCE	2129.0'	2162.1'	-33.1'	NONE	SAME	SAME	SAME
AA	39TH ROAD	2131.0'	2301.7'	-170.7'	NONE	2247.7'	-116.7'	SAME
AB	UNION PACIFIC RAILROAD	2139.0'	2277.3'	-138.3'	NONE	2233.3'	-94.3'	SAME
AC	US HIGHWAY 30	2132.2'	2269.7'	-137.5'	NONE	2228.9'	-96.7'	SAME
AD	7' FENCE	2133.2'	2155.4'	-22.1'	NONE	2161.6'	-28.4'	SAME
AE	39TH ROAD	2130.0'	2325.5'	-195.5'	NONE	2261.7'	-131.7'	SAME
AF	UNION PACIFIC RAILROAD	2139.0'	2288.3'	-149.3'	NONE	2239.8'	-100.8'	SAME
AG	US HIGHWAY 30	2132.2'	2280.5'	-148.3'	NONE	2235.2'	-103.0'	SAME
AH	7' FENCE	2133.3'	2155.7'	-22.4'	NONE	2161.8'	-28.5'	SAME
AI	IMPERIAL AVENUE	2130.0'	2304.0'	-174.0'	NONE	2249.0'	-119.0'	SAME
AJ	UNION PACIFIC RAILROAD	2138.0'	2300.6'	-162.6'	NONE	2247.0'	-109.0'	SAME
AK	US HIGHWAY 30	2132.2'	2292.3'	-160.1'	NONE	2242.2'	-110.0'	SAME
AL	7' FENCE	2133.2'	2156.0'	-22.8'	NONE	2162.0'	-28.8'	SAME
AM	US HIGHWAY 30	2130.2'	2265.2'	-134.9'	NONE	2226.2'	-96.0'	SAME
AN	UNION PACIFIC RAILROAD	2138.0'	2272.7'	-134.7'	NONE	2230.6'	-92.6'	SAME

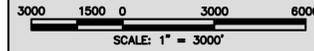
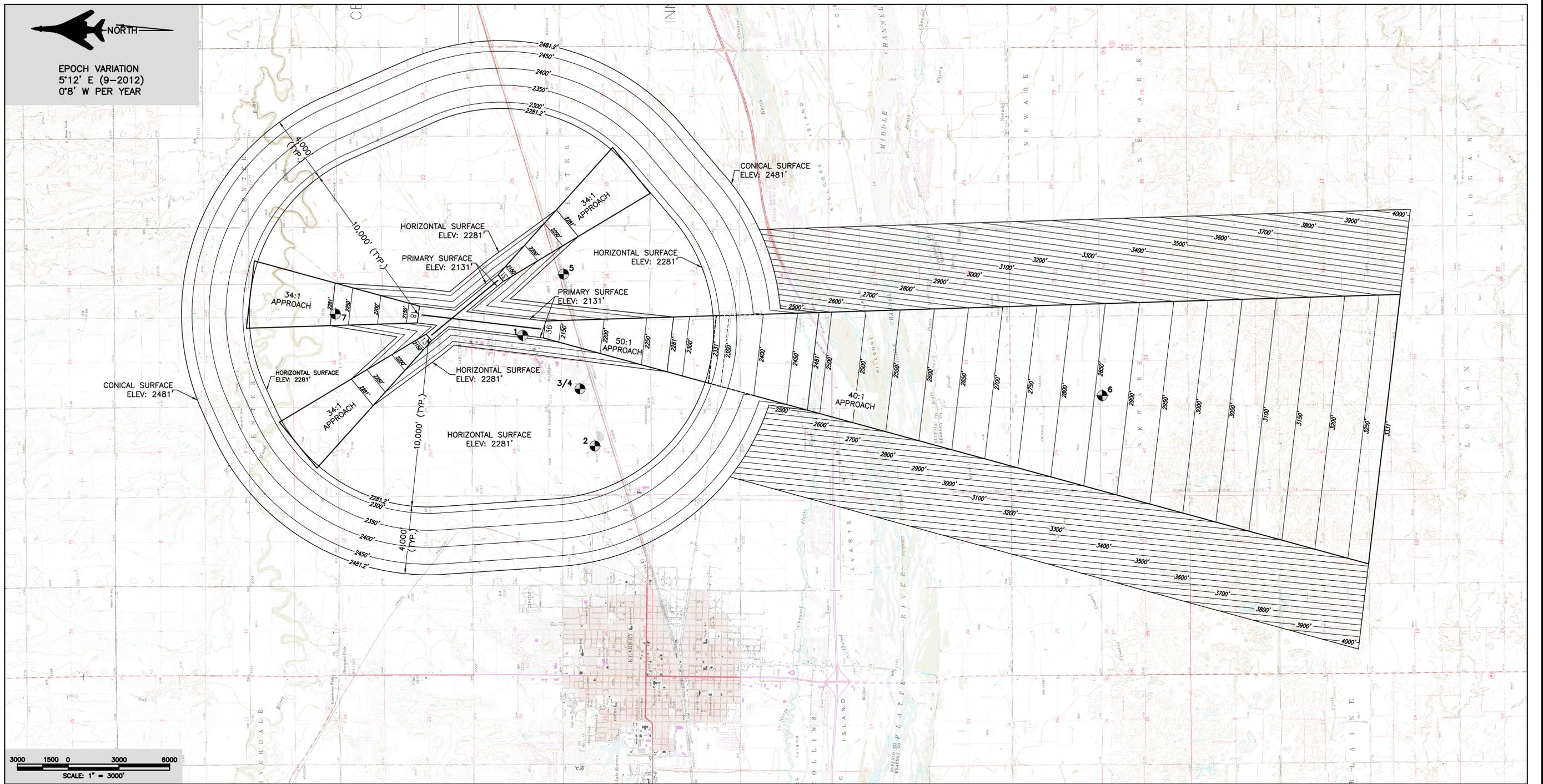
NOTE: (+) IDENTIFIES OBSTRUCTIONS, (-) IDENTIFIES CLEARANCES
 ELEVATION OF THE TRAVERSEWAY IS ADJUSTED 10' (PRIVATE ROADS & SERVICE ROADS), 15' (PUBLIC ROADS), 23' (RAILROADS) ABOVE THE ACTUAL ROADWAY/RAILROAD GROUND ELEVATION.

No.	REVISIONS	DATE
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EPOCH VARIATION
5'12" E (9-2012)
0'8" W PER YEAR



OBSTRUCTION TABLE
(BEYOND INNER APPROACH SURFACE)

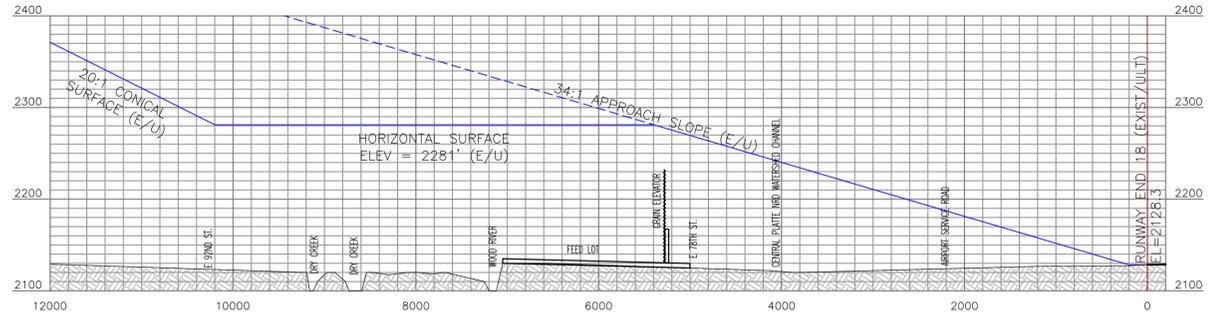
NO.	DESCRIPTION	ELEVATION	PENETRATION	DISPOSITION	AIRSPACE CASE NUMBER
1	AWOS ANTENNA	2163.5'	+33.0'	NONE (EXIST OBSTRUCTION LIGHT)	--
2	WATER TOWER	2289'	+7.8'	NONE (EXIST OBSTRUCTION LIGHT/PAINT)	--
3	WATER TOWER/ANTENNA	2268'	-13'	NONE (EXIST OBSTRUCTION LIGHT/PAINT)	00-ACE-0068-OE
4	TOWER	2264'	-17'	NONE (EXIST OBSTRUCTION LIGHT)	99-ACE-1266-OE
5	GRAIN ELEVATOR	2232'	-50'	NONE (EXIST OBSTRUCTION LIGHT)	01-ACE-2781-OE
6	ILS TOWER	2169'	-742.16'	NONE	95-ACE-0020-OE
7	GRAIN ELEVATOR	2232'	-49.8'	NONE	01-ACE-2781-OE

NOTE: (+) IDENTIFIES OBSTRUCTIONS, (-) IDENTIFIES CLEARANCES

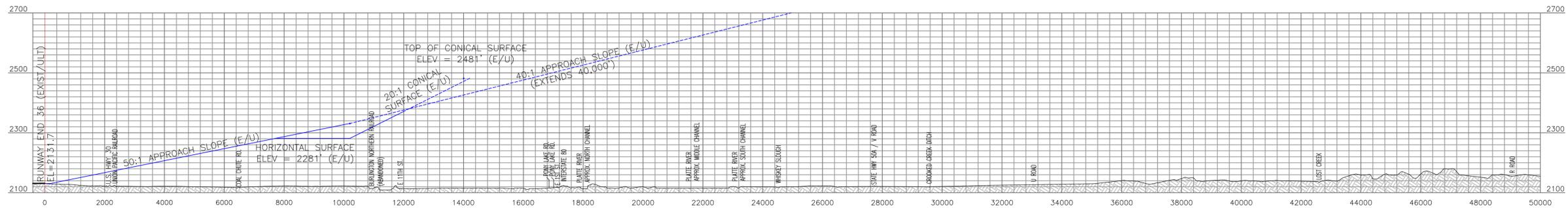
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2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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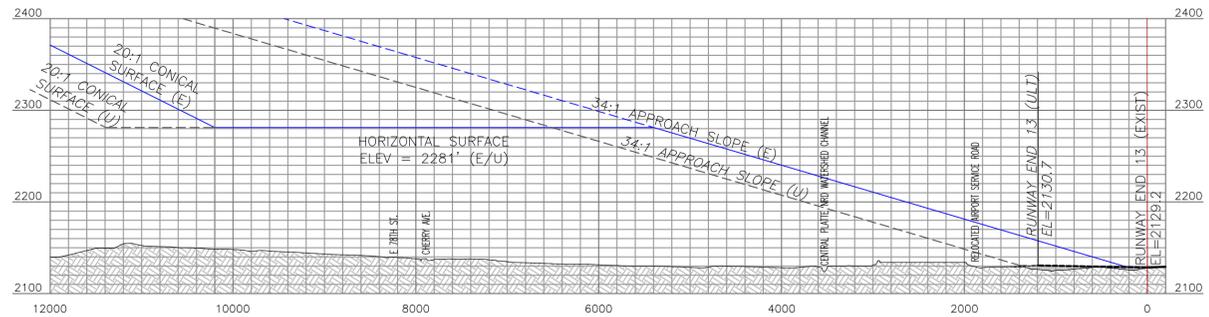
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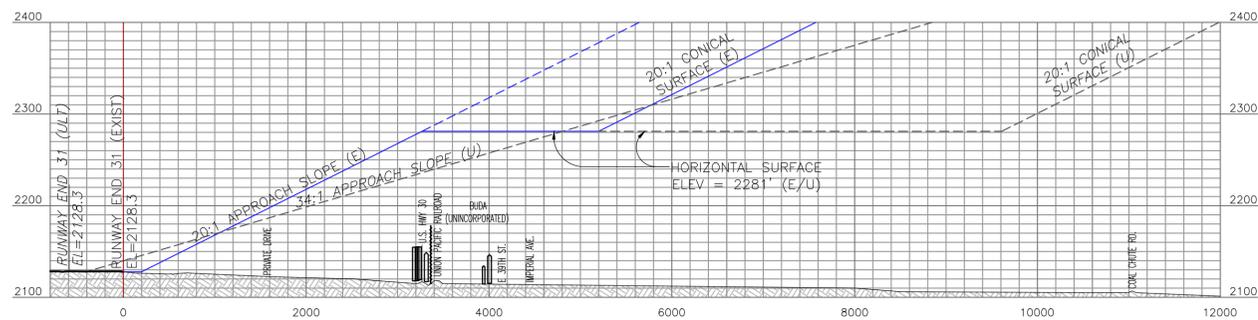
RUNWAY 18 APPROACH PROFILE VIEW
SCALE: 1"=1000' (HORIZONTAL)
1"=100' (VERTICAL)



RUNWAY 36 APPROACH PROFILE VIEW
SCALE: 1"=2000' (HORIZONTAL)
1"=200' (VERTICAL)



RUNWAY 13 APPROACH PROFILE VIEW
SCALE: 1"=1000' (HORIZONTAL)
1"=100' (VERTICAL)



RUNWAY 31 APPROACH PROFILE VIEW
SCALE: 1"=1000' (HORIZONTAL)
1"=100' (VERTICAL)

No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

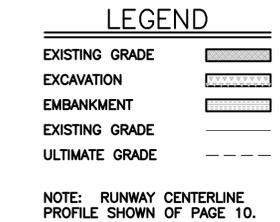
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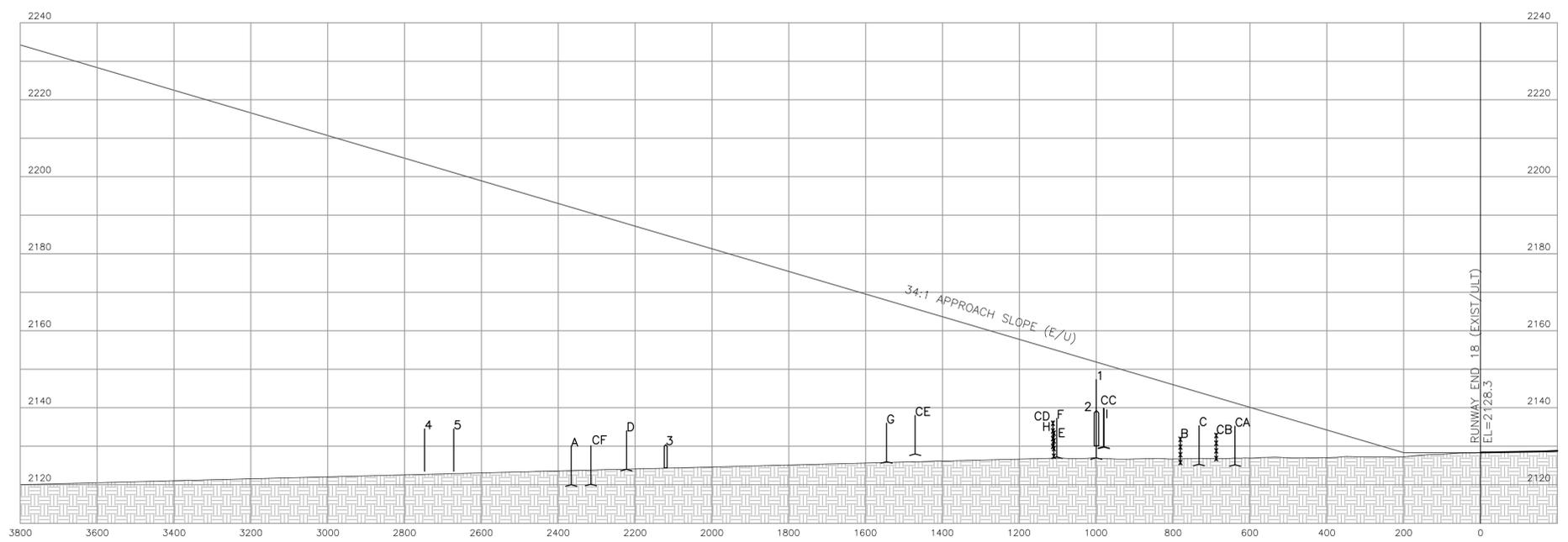
NEBRASKA
AIRPORT MASTER PLAN
KEARNEY REGIONAL AIRPORT (EAR)
KEARNEY

AIRPORT AIRSPACE PROFILES



LEGEND		
	EXISTING	ULTIMATE
BUILDING	[Symbol]	[Symbol]
CONCRETE	[Symbol]	[Symbol]
ASPHALT	[Symbol]	[Symbol]
GRAVEL/ROCK ROAD	[Symbol]	[Symbol]
REMOVAL	[Symbol]	[Symbol]
EASEMENT	[Symbol]	[Symbol]
PROPERTY LINE	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
BUILDING RESTRICTION LINE (BRL)	[Symbol]	[Symbol]
CONTOUR	[Symbol]	[Symbol]
RUNWAY END IDENTIFICATION LIGHT (REIL)	[Symbol]	[Symbol]
THRESHOLD LIGHTS	[Symbol]	[Symbol]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)	[Symbol]	[Symbol]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)	[Symbol]	[Symbol]
PERCISION APPROACH PATH INDICATOR (PAPI)	[Symbol]	[Symbol]
BEACON	[Symbol]	[Symbol]
SEGMENTED CIRCLE AND LIGHTED WIND CONE	[Symbol]	[Symbol]
WIND SOCK	[Symbol]	[Symbol]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)	[Symbol]	[Symbol]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)	[Symbol]	[Symbol]
AIRPORT REFERENCE POINT (ARP)	[Symbol]	[Symbol]
TREE	[Symbol]	[Symbol]
SECTION CORNER	[Symbol]	[Symbol]
RUNWAY SAFETY AREA (RSA)	[Symbol]	[Symbol]
RUNWAY PROTECTION ZONE (RPZ)	[Symbol]	[Symbol]
RUNWAY VISUAL ZONE (RVZ)	[Symbol]	[Symbol]
APPROACH SURFACE (APPR)	[Symbol]	[Symbol]
OBJECT FREE AREA (OFA)	[Symbol]	[Symbol]
OBSTACLE FREE ZONE (OFZ)	[Symbol]	[Symbol]
PRECISION OBJECT FREE ZONE (POFZ)	[Symbol]	[Symbol]
TIEDOWNS	[Symbol]	[Symbol]
HOLDLINE	[Symbol]	[Symbol]
SURVEY MONUMENT	[Symbol]	[Symbol]

EXISTING/ULTIMATE RUNWAY 18 INNER APPROACH PLAN VIEW
SCALE: 1"=200' (HORIZONTAL)



EXISTING/ULTIMATE RUNWAY 18 INNER APPROACH PROFILE VIEW
SCALE: 1"=200' (HORIZONTAL)
1"=20' (VERTICAL)

OBSTRUCTION TABLE EXISTING AND ULTIMATE RUNWAY 18						
ID NO.	DESCRIPTION	ELEVATION	PENETRATION	DISPOSITION	PENETRATION	DISPOSITION
			EXISTING		ULTIMATE	
PART 77 APPROACH INTERSECTIONS						
1	LOC EQUIPMENT	2147.3'	-4.6'	NONE	SAME	SAME
2	LOC EQUIPMENT BUILDING	2139.2'	-12.5'	NONE	SAME	SAME
3	IRRIGATION MOTOR SHED	2130.4'	-54.4'	NONE	SAME	SAME
4	IRRIGATION PIVOT TOWER	2134.5'	-67.9'	NONE	SAME	SAME
5	IRRIGATION PIVOT TOWER	2134.5'	N/A	N/A	-66.6'	NONE
A	AIRPORT SERVICE ROAD	2130.0'	-62.1'	NONE	SAME	SAME
B	7' FENCE	2132.3'	-13.1'	NONE	SAME	SAME
C	AIRPORT SERVICE ROAD	2135.4'	-8.7'	NONE	SAME	SAME
D	AIRPORT SERVICE ROAD	2134.0'	-53.8'	NONE	SAME	SAME
E	7' FENCE	2133.9'	-18.3'	NONE	SAME	SAME
F	AIRPORT SERVICE ROAD	2137.3'	-17.7'	NONE	SAME	SAME
G	AIRPORT SERVICE ROAD	2136.0'	-31.9'	NONE	SAME	SAME
H	7' FENCE	2136.5'	-18.7'	NONE	SAME	SAME
I	AIRPORT SERVICE ROAD	2139.8'	-11.5'	NONE	SAME	SAME
CA	AIRPORT SERVICE ROAD	2135.2'	N/A	N/A	-6.1'	NONE
CB	7' FENCE	2133.3'	N/A	N/A	-9.4'	NONE
CC	AIRPORT SERVICE ROAD	2139.9'	N/A	N/A	-11.4'	NONE
CD	7' FENCE	2136.6'	N/A	N/A	-18.7'	NONE
CE	AIRPORT SERVICE ROAD	2138.0'	N/A	N/A	-27.8'	NONE
CF	AIRPORT SERVICE ROAD	2130.2'	N/A	N/A	-60.4'	NONE

NOTE: (+) IDENTIFIES OBSTRUCTIONS, (-) IDENTIFIES CLEARANCES
ELEVATION OF THE TRANSEVERSE IS ADJUSTED 10' (PRIVATE ROADS & SERVICE ROADS), 15' (PUBLIC ROADS), 23' (RAILROADS) ABOVE THE ACTUAL ROADWAY/RAILROAD GROUND ELEVATION.

No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
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benesch
Alfred Benesch & Company
825 M Street - Suite 100
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NEBRASKA

AIRPORT MASTER PLAN
KEARNEY REGIONAL AIRPORT (EAR)

KIRKHAM MICHAEL

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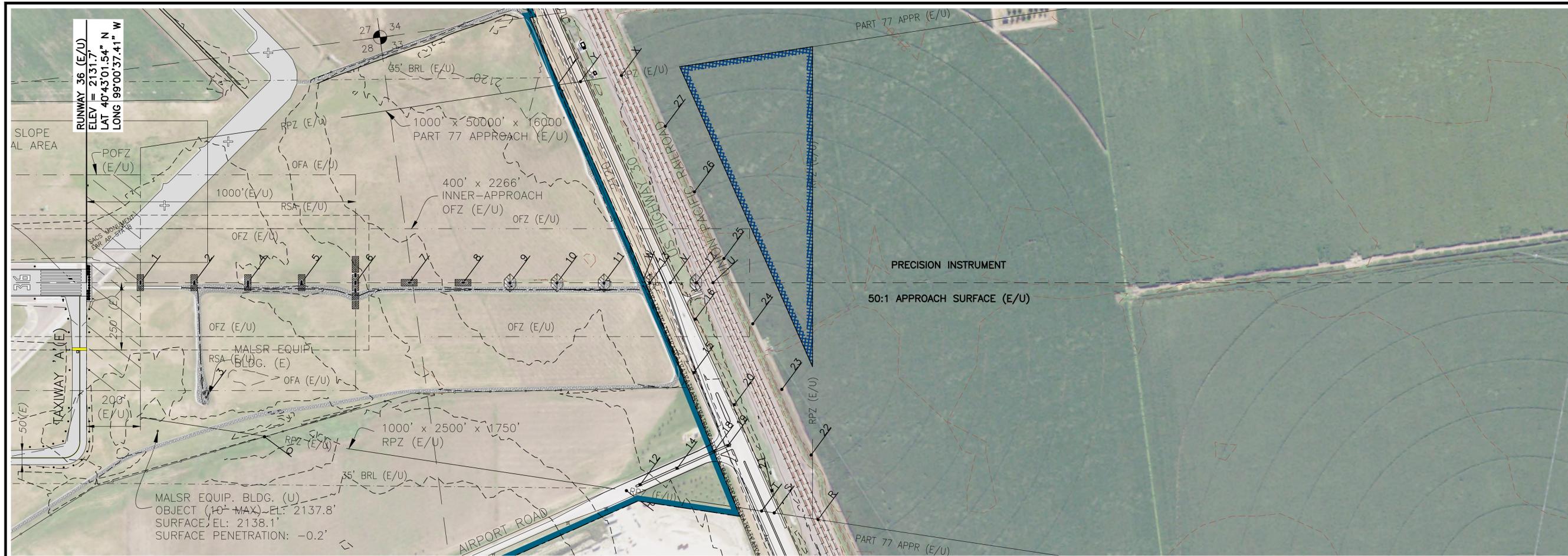
AIRPORT MASTER PLAN
KEARNEY REGIONAL AIRPORT (EAR)

KIRKHAM MICHAEL

NEBRASKA

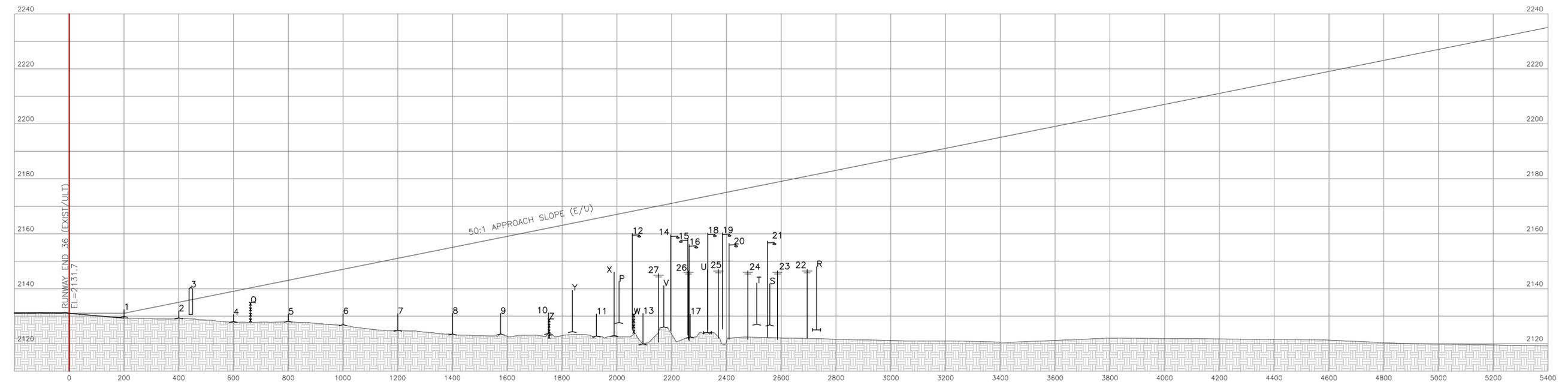
AIRPORT MASTER PLAN
KEARNEY REGIONAL AIRPORT (EAR)

KIRKHAM MICHAEL



EXISTING/ULTIMATE RUNWAY 36 INNER APPROACH PLAN VIEW
SCALE: 1"=200'

NOTE: SEE SHEET 7 FOR OBSTRUCTION TABLE.



EXISTING/ULTIMATE RUNWAY 36 INNER APPROACH PROFILE VIEW
SCALE: 1"=200' (HORIZONTAL)
1"=20' (VERTICAL)

LEGEND

- EXISTING GRADE
- EXCAVATION
- EMBANKMENT
- EXISTING GRADE
- ULTIMATE GRADE

NOTE: RUNWAY CENTERLINE PROFILE SHOWN OF PAGE 10.



EPOCH VARIATION
5'12" E (9-2012)
0'8" W PER YEAR



No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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 February 20, 2022 11:56:22 AM
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OBSTRUCTION TABLE EXISTING AND ULTIMATE RUNWAY 36									
ID NO.	DESCRIPTION	ELEVATION	PENETRATION	DISPOSITION	ID NO.	DESCRIPTION	ELEVATION	PENETRATION	DISPOSITION
EXISTING/ULTIMATE PART 77 APPROACH INTERSECTIONS					EXISTING/ULTIMATE PART 77 APPROACH INTERSECTIONS				
1	MAL LIGHT	2132.4'	+1.3'	FIXED BY FUNCTION	20	STREET LIGHT (US HIGHWAY 30)	2156.5'	-18.7'	NONE
2	MAL LIGHT	2131.9'	-3.2'	NONE	21	STREET LIGHT (US HIGHWAY 30)	2157.3'	-20.7'	NONE
3	MALSR EQUIPMENT BUILDING	2140.6'	+4.6'	TO BE RELOCATED	22	POWER POLE	2147.0'	-34.0'	NONE
4	MAL LIGHT	2130.6'	-8.5'	NONE	23	POWER POLE	2146.5'	-32.3'	NONE
5	MAL LIGHT	2130.7'	-12.4'	NONE	24	POWER POLE	2146.5'	-30.1'	NONE
6	MAL LIGHT	2130.9'	-16.2'	NONE	25	POWER POLE	2147.0'	-27.5'	NONE
7	MAL LIGHT	2130.9'	-20.2'	NONE	26	POWER POLE	2146.0'	-26.3'	NONE
8	MAL LIGHT	2131.0'	-24.1'	NONE	27	POWER POLE	2145.5'	-24.6'	NONE
9	RAIL LIGHT	2131.0'	-27.6'	NONE	P	AIRPORT ROAD	2142.7'	-24.5'	NONE
10	RAIL LIGHT	2131.2'	-30.9'	NONE	Q	7' FENCE	2135.0'	-5.3'	NONE
11	RAIL LIGHT	2130.8'	-34.8'	NONE	R	UNION PACIFIC RAILROAD	2147.0'	-34.5'	NONE
12	STREET LIGHT (AIRPORT ROAD)	2160.1'	-8.1'	NONE	S	US HIGHWAY 30 (EAST BOUND)	2141.8'	-36.4'	NONE
13	RAIL LIGHT	2131.0'	-38.0'	NONE	T	US HIGHWAY 30 (WEST BOUND)	2142.1'	-35.2'	NONE
14	STREET LIGHT (AIRPORT ROAD)	2159.6'	-11.4'	NONE	U	UNION PACIFIC RAILROAD	2147.0'	-26.7'	NONE
15	STREET LIGHT (US HIGHWAY 30)	2158.1'	-14.1'	NONE	V	US HIGHWAY 30	2141.1'	-29.4'	NONE
16	STREET LIGHT (US HIGHWAY 30)	2156.1'	-16.3'	NONE	W	7' FENCE	2130.8'	-37.6'	NONE
17	RAIL LIGHT	2130.8'	-41.6'	NONE	X	UNION PACIFIC RAILROAD	2146.0'	-20.9'	NONE
18	STREET LIGHT (AIRPORT ROAD)	2160.3'	-13.4'	NONE	Y	US HIGHWAY 30	2139.4'	-24.4'	NONE
19	STREET LIGHT (AIRPORT ROAD)	2160.3'	-14.4'	NONE	Z	7' FENCE	2129.0'	-33.1'	NONE

NOTE: (+) IDENTIFIES OBSTRUCTIONS, (-) IDENTIFIES CLEARANCES
 ELEVATION OF THE THRESHOLD IS ADJUSTED 10' (PRIVATE ROADS & SERVICE ROADS), 15' (PUBLIC ROADS), 23' (RAILROADS) ABOVE THE ACTUAL ROADWAY/RAILROAD GROUND ELEVATION.

LEGEND		
	EXISTING	ULTIMATE
BUILDING	[Symbol]	[Symbol]
CONCRETE	[Symbol]	[Symbol]
ASPHALT	[Symbol]	[Symbol]
GRAVEL/ROCK ROAD	[Symbol]	[Symbol]
REMOVAL	[Symbol]	[Symbol]
EASEMENT	[Symbol]	[Symbol]
PROPERTY LINE	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
BUILDING RESTRICTION LINE (BRL)	[Symbol]	[Symbol]
CONTOUR	[Symbol]	[Symbol]
RUNWAY END IDENTIFICATION LIGHT (REIL)	[Symbol]	[Symbol]
THRESHOLD LIGHTS	[Symbol]	[Symbol]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)	[Symbol]	[Symbol]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)	[Symbol]	[Symbol]
PRECISION APPROACH PATH INDICATOR (PAPI)	[Symbol]	[Symbol]
BEACON	[Symbol]	[Symbol]
SEGMENTED CIRCLE AND LIGHTED WIND CONE	[Symbol]	[Symbol]
WIND SOCK	[Symbol]	[Symbol]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)	[Symbol]	[Symbol]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)	[Symbol]	[Symbol]
AIRPORT REFERENCE POINT (ARP)	[Symbol]	[Symbol]
TREE	[Symbol]	[Symbol]
SECTION CORNER	[Symbol]	[Symbol]
RUNWAY SAFETY AREA (RSA)	[Symbol]	[Symbol]
RUNWAY PROTECTION ZONE (RPZ)	[Symbol]	[Symbol]
RUNWAY VISUAL ZONE (RVZ)	[Symbol]	[Symbol]
APPROACH SURFACE (APPR)	[Symbol]	[Symbol]
OBJECT FREE AREA (OFA)	[Symbol]	[Symbol]
OBSTACLE FREE ZONE (OFZ)	[Symbol]	[Symbol]
PRECISION OBJECT FREE ZONE (POFZ)	[Symbol]	[Symbol]
TIEDOWNS	[Symbol]	[Symbol]
HOLDLINE	[Symbol]	[Symbol]
SURVEY MONUMENT	[Symbol]	[Symbol]

No.	REVISIONS	DATE
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KEARNEY REGIONAL AIRPORT (EAR)

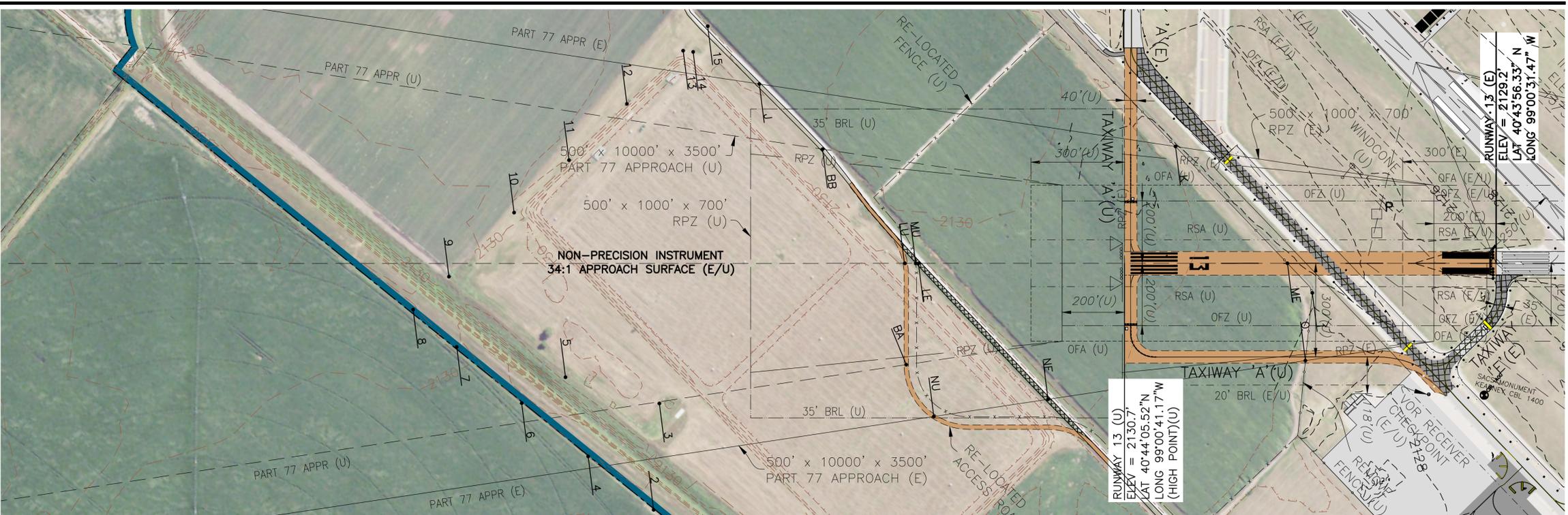
INNER PORTION OF THE APPROACH SURFACE TABLE
RUNWAY END 36

SHEET 7

NEBRASKA
KEARNEY

date APRIL-13
designed TMS
checked NFG
km no. 11 09231

LEGEND		EXISTING	ULTIMATE
BUILDING		[Symbol]	[Symbol]
CONCRETE		[Symbol]	[Symbol]
ASPHALT		[Symbol]	[Symbol]
GRAVEL/ROCK ROAD		[Symbol]	[Symbol]
REMOVAL		[Symbol]	[Symbol]
EASEMENT		[Symbol]	[Symbol]
PROPERTY LINE		[Symbol]	[Symbol]
FENCE		[Symbol]	[Symbol]
BUILDING RESTRICTION LINE (BRL)		[Symbol]	[Symbol]
CONTOUR		[Symbol]	[Symbol]
RUNWAY END IDENTIFICATION LIGHT (REIL)		[Symbol]	[Symbol]
THRESHOLD LIGHTS		[Symbol]	[Symbol]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)		[Symbol]	[Symbol]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)		[Symbol]	[Symbol]
PRECISION APPROACH PATH INDICATOR (PAPI)		[Symbol]	[Symbol]
BEACON		[Symbol]	[Symbol]
SEGMENTED CIRCLE AND LIGHTED WIND CONE		[Symbol]	[Symbol]
WIND SOCK		[Symbol]	[Symbol]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)		[Symbol]	[Symbol]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)		[Symbol]	[Symbol]
AIRPORT REFERENCE POINT (ARP)		[Symbol]	[Symbol]
TREE		[Symbol]	[Symbol]
SECTION CORNER		[Symbol]	[Symbol]
RUNWAY SAFETY AREA (RSA)		[Symbol]	[Symbol]
RUNWAY PROTECTION ZONE (RPZ)		[Symbol]	[Symbol]
RUNWAY VISUAL ZONE (RVZ)		[Symbol]	[Symbol]
APPROACH SURFACE (APPR)		[Symbol]	[Symbol]
OBJECT FREE AREA (OFA)		[Symbol]	[Symbol]
OBSTACLE FREE ZONE (OFZ)		[Symbol]	[Symbol]
PRECISION OBJECT FREE ZONE (POFZ)		[Symbol]	[Symbol]
TIEDOWNS		[Symbol]	[Symbol]
HOLDLINE		[Symbol]	[Symbol]
SURVEY MONUMENT		[Symbol]	[Symbol]

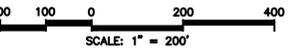


EXISTING/ULTIMATE RUNWAY 13 INNER APPROACH PLAN VIEW
SCALE: 1"=200'

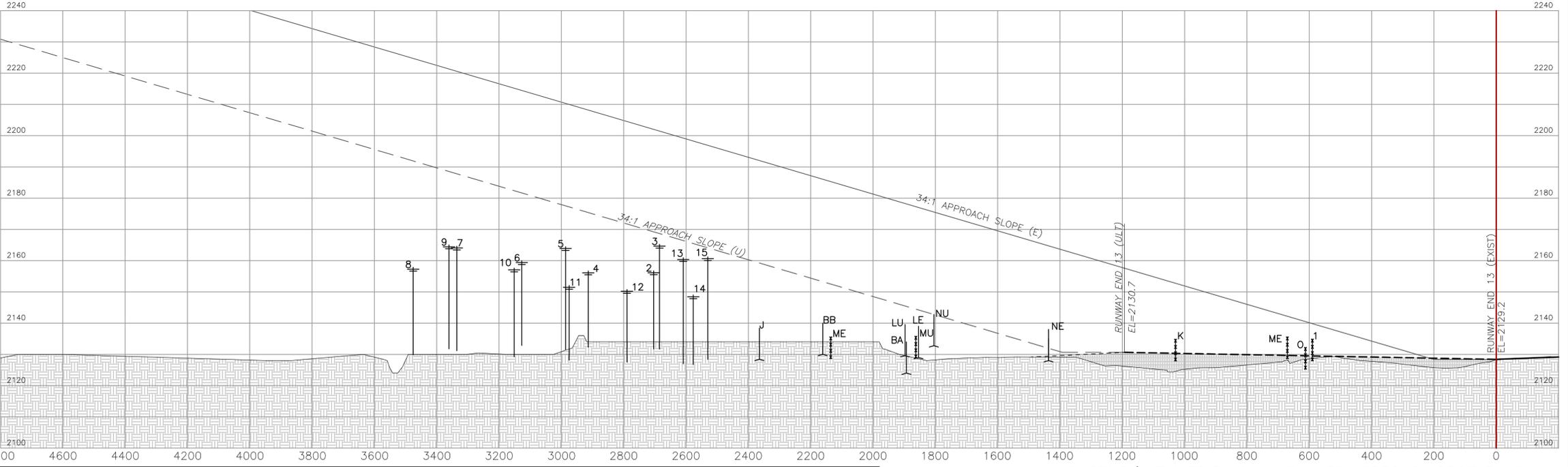
LEGEND	
EXISTING GRADE	[Symbol]
EXCAVATION	[Symbol]
EMBANKMENT	[Symbol]
EXISTING GRADE	[Symbol]
ULTIMATE GRADE	[Symbol]



EPOCH VARIATION
5'12" E (9-2012)
0'8" W PER YEAR



NOTE: RUNWAY CENTERLINE
PROFILE SHOWN OF PAGE 10.



EXISTING/ULTIMATE RUNWAY 13 INNER APPROACH PROFILE VIEW
SCALE: 1"=200' (HORIZONTAL)
1"=20' (VERTICAL)

OBSTRUCTION TABLE
EXISTING AND ULTIMATE RUNWAY 13

ID NO.	DESCRIPTION	ELEVATION	PENETRATION	DISPOSITION	PENETRATION	DISPOSITION	ID NO.	DESCRIPTION	ELEVATION	PENETRATION	DISPOSITION	PENETRATION	DISPOSITION
PART 77 APPROACH INTERSECTIONS							PART 77 APPROACH INTERSECTIONS						
1	7' FENCE	2134.9'	-5.0'	REMOVE	N/A	REMOVED	14	POWER POLE	2149.0'	-49.3'	NONE	-16.5'	NONE
2	POWER POLE	2156.7'	-45.3'	NONE	-12.5'	NONE	15	POWER POLE	2161.2'	-35.7'	NONE	-2.9'	NONE
3	POWER POLE	2165.2'	-36.2'	NONE	-3.5'	NONE	J	AIRPORT SERVICE ROAD	2138.4'	-53.6'	NONE	-20.9'	NONE
4	POWER POLE	2156.7'	-51.5'	NONE	-18.8'	NONE	K	7' FENCE	2134.9'	-17.9'	REMOVE	N/A	REMOVED
5	POWER POLE	2164.5'	-45.9'	NONE	-13.1'	NONE	LE	AIRPORT SERVICE ROAD	2139.0'	-38.0'	REMOVE	N/A	REMOVED
6	POWER POLE	2160.0'	-54.5'	NONE	-21.8'	NONE	LU	ULTIMATE AIRPORT SERVICE ROAD	2139.8'	-38.7'	NONE	-6.0'	NONE
7	POWER POLE	2164.6'	-56.0'	NONE	-23.2'	NONE	ME	7' FENCE	2135.6'	-6.6'	REMOVE	N/A	REMOVED
8	POWER POLE	2157.9'	-66.9'	NONE	-34.1'	NONE	MU	ULTIMATE 9' FENCE	2137.8'	-39.5'	NONE	-6.7'	NONE
9	POWER POLE	2165.0'	-56.3'	NONE	-23.6'	NONE	NE	AIRPORT SERVICE ROAD	2138.0'	-26.8'	REMOVE	N/A	REMOVED
10	POWER POLE	2157.6'	-57.5'	NONE	-24.8'	NONE	NU	ULTIMATE AIRPORT SERVICE ROAD	2142.8'	-32.8'	NONE	-0.0'	NONE
11	POWER POLE	2152.1'	-57.9'	NONE	-25.2'	NONE	O	7' FENCE	2132.2'	-8.3'	REMOVE	N/A	REMOVED
12	POWER POLE	2150.8'	-53.6'	NONE	-21.0'	NONE	BA	ULTIMATE AIRPORT SERVICE ROAD	2134.0'	-44.2'	NONE	-11.4'	NONE
13	POWER POLE	2161.0'	-38.3'	NONE	-5.5'	NONE	BB	AIRPORT SERVICE ROAD	2140.0'	-46.1'	NONE	-13.3'	NONE

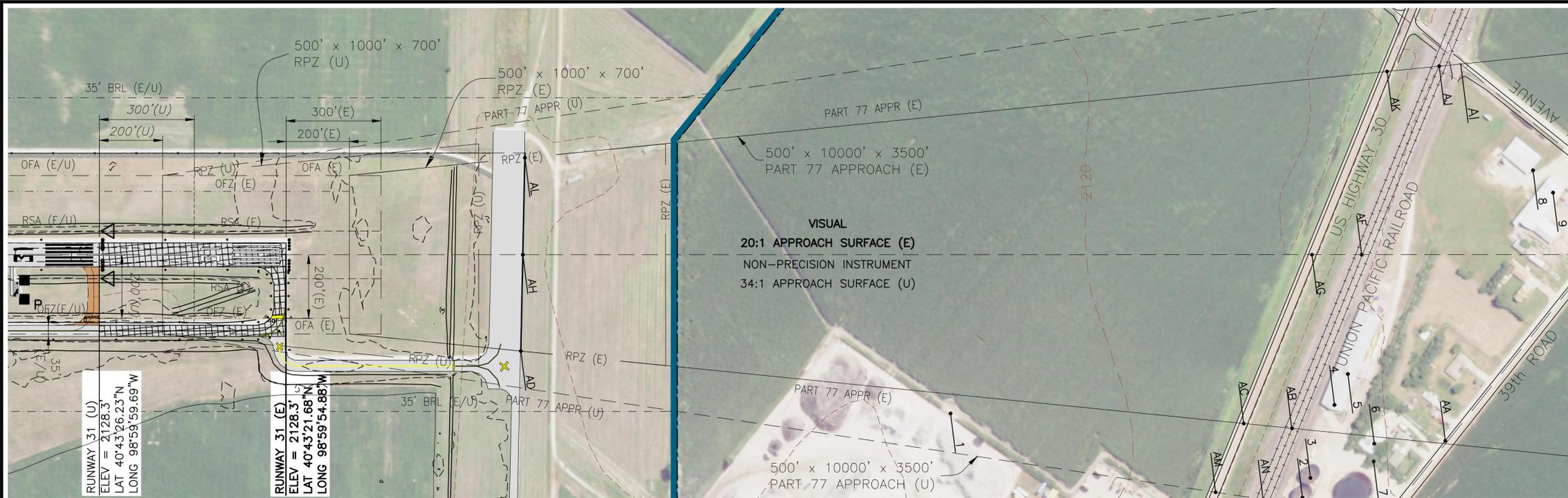
No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

date APRIL 13 2022
designed by [Name]
checked by [Name]
in charge [Name]
sheet 8 of 11
11.09.2021

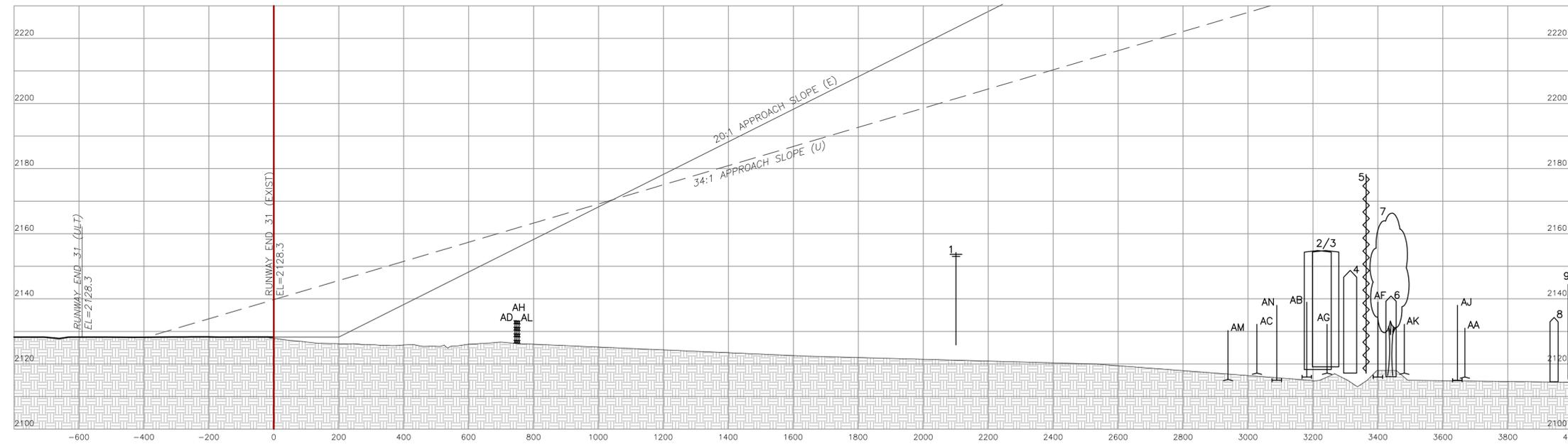
"THE PREPARATION OF THIS DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM FINANCIAL ASSISTANCE FROM THE FEDERAL AVIATION ADMINISTRATION (PROJECT NUMBER 3-31-0045-19/26) AS PROVIDED UNDER TITLE 49 U.S.C., SECTION 47104. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE OR WOULD HAVE JUSTIFICATION IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS."

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KIRKHAM MICHAEL
benesch
 Alfred Benesch & Company
 825 M Street, Suite 100
 Lincoln, Nebraska 68508
 402-479-2200
 NEBRASKA
 AIRPORT MASTER PLAN
 KEARNEY REGIONAL AIRPORT (EAR)
 KEARNEY
 INNER PORTION OF THE APPROACH SURFACE DRAWING
 RUNWAY 13
 SHEET 8 OF 11



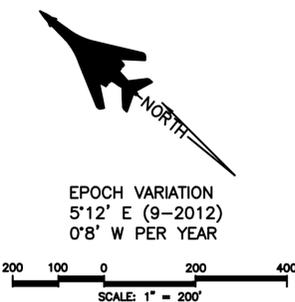
EXISTING/ULTIMATE RUNWAY 31 INNER APPROACH PLAN VIEW
SCALE: 1"=200'



EXISTING/ULTIMATE RUNWAY 31 INNER APPROACH PROFILE VIEW
SCALE: 1"=200' (HORIZONTAL)
1"=20' (VERTICAL)

LEGEND		
	EXISTING	ULTIMATE
BUILDING	[Symbol]	[Symbol]
CONCRETE	[Symbol]	[Symbol]
ASPHALT	[Symbol]	[Symbol]
GRAVEL/ROCK ROAD	[Symbol]	[Symbol]
REMOVAL	[Symbol]	[Symbol]
EASEMENT	[Symbol]	[Symbol]
PROPERTY LINE	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
BUILDING RESTRICTION LINE (BRL)	[Symbol]	[Symbol]
CONTOUR	[Symbol]	[Symbol]
RUNWAY END IDENTIFICATION LIGHT (REIL)	[Symbol]	[Symbol]
THRESHOLD LIGHTS	[Symbol]	[Symbol]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)	[Symbol]	[Symbol]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)	[Symbol]	[Symbol]
PRECISION APPROACH PATH INDICATOR (PAPI)	[Symbol]	[Symbol]
BEACON	[Symbol]	[Symbol]
SEGMENTED CIRCLE AND LIGHTED WIND CONE	[Symbol]	[Symbol]
WIND SOCK	[Symbol]	[Symbol]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)	[Symbol]	[Symbol]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)	[Symbol]	[Symbol]
AIRPORT REFERENCE POINT (ARP)	[Symbol]	[Symbol]
TREE	[Symbol]	[Symbol]
SECTION CORNER	[Symbol]	[Symbol]
RUNWAY SAFETY AREA (RSA)	[Symbol]	[Symbol]
RUNWAY PROTECTION ZONE (RPZ)	[Symbol]	[Symbol]
RUNWAY VISUAL ZONE (RVZ)	[Symbol]	[Symbol]
APPROACH SURFACE (APPR)	[Symbol]	[Symbol]
OBJECT FREE AREA (OFA)	[Symbol]	[Symbol]
OBSTACLE FREE ZONE (OFZ)	[Symbol]	[Symbol]
PRECISION OBJECT FREE ZONE (POFZ)	[Symbol]	[Symbol]
TIEDOWNS	[Symbol]	[Symbol]
HOLDLINE	[Symbol]	[Symbol]
SURVEY MONUMENT	[Symbol]	[Symbol]

LEGEND		
	EXISTING	ULTIMATE
EXISTING GRADE	[Symbol]	[Symbol]
EXCAVATION	[Symbol]	[Symbol]
EMBANKMENT	[Symbol]	[Symbol]
EXISTING GRADE	[Symbol]	[Symbol]
ULTIMATE GRADE	[Symbol]	[Symbol]



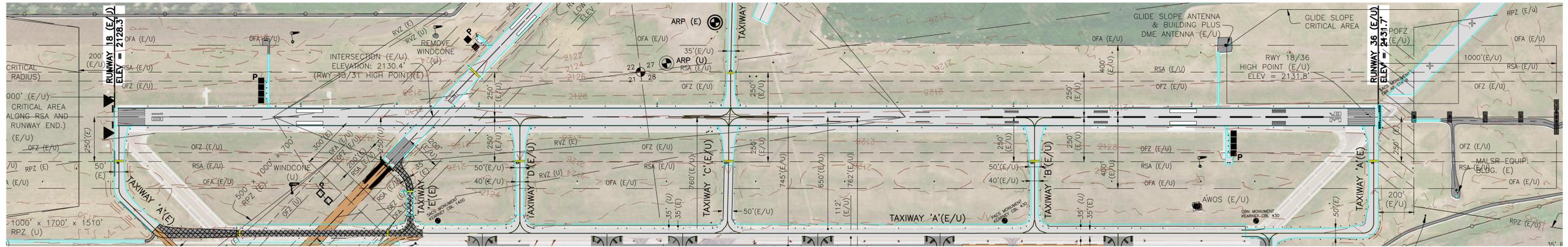
OBSTRUCTION TABLE EXISTING AND ULTIMATE RUNWAY 31													
ID NO.	DESCRIPTION	ELEVATION	PENETRATION	DISPOSITION	PENETRATION	DISPOSITION	ID NO.	DESCRIPTION	ELEVATION	PENETRATION	DISPOSITION	PENETRATION	DISPOSITION
PART 77 APPROACH INTERSECTIONS							PART 77 APPROACH INTERSECTIONS						
			EXISTING	NONE	ULTIMATE	NONE				EXISTING	NONE	ULTIMATE	NONE
1	POWER POLE	2154.3'	-69.0'	NONE	-47.3'	NONE	AC	US HIGHWAY 30	2132.2'	-137.5'	NONE	-96.6'	NONE
2	STORAGE TANK	2154.8'	-124.2'	NONE	-79.5'	NONE	AD	7' FENCE	2133.2'	-22.1'	NONE	-28.4'	NONE
3	STORAGE TANK	2154.8'	-125.4'	NONE	-80.2'	NONE	AF	UNION PACIFIC RAILROAD	2139.0'	-149.3'	NONE	-100.8'	NONE
4	BUILDING	2148.8'	-135.2'	NONE	-88.5'	NONE	AG	US HIGHWAY 30	2132.2'	-148.3'	NONE	-103.0'	NONE
5	GRAIN ELEVATOR	2178.2'	-108.3'	NONE	-60.5'	NONE	AH	7' FENCE	2133.3'	-22.4'	NONE	-28.5'	NONE
6	BUILDING	2140.9'	-149.4'	NONE	-100.1'	NONE	AJ	UNION PACIFIC RAILROAD	2138.0'	-162.6'	NONE	-109.0'	NONE
7	TREE	2166.3'	-123.8'	NONE	-74.6'	NONE	AK	US HIGHWAY 30	2132.2'	-160.1'	NONE	-110.0'	NONE
8	BUILDING	2134.3'	-149.4'	NONE	-121.5'	NONE	AL	7' FENCE	2133.2'	-22.8'	NONE	-28.8'	NONE
9	BUILDING	2146.5'	-172.0'	NONE	-111.1'	NONE	AM	US HIGHWAY 30	2130.2'	-134.9'	NONE	-96.0'	NONE
AA	39TH ROAD	2131.0'	-170.7'	NONE	-116.7'	NONE	AN	UNION PACIFIC RAILROAD	2138.0'	-134.7'	NONE	-92.6'	NONE
AB	UNION PACIFIC RAILROAD	2139.0'	-138.3'	NONE	-94.3'	NONE							

NOTE: (+) IDENTIFIES OBSTRUCTIONS, (-) IDENTIFIES CLEARANCES
* ELEVATION OF THE TRAVERSEWAY IS ADJUSTED 10' (PRIVATE & SERVICE ROADS), 15' (PUBLIC ROADS), AND 25' (RAILROADS) ABOVE THE ROADWAY/RAILWAY GROUND ELEVATION.

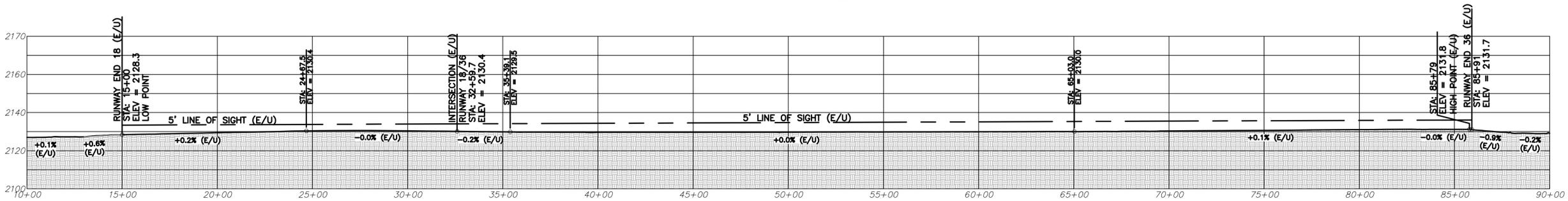
No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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RUNWAY 18/36 PLAN
SCALE: 1"=300'

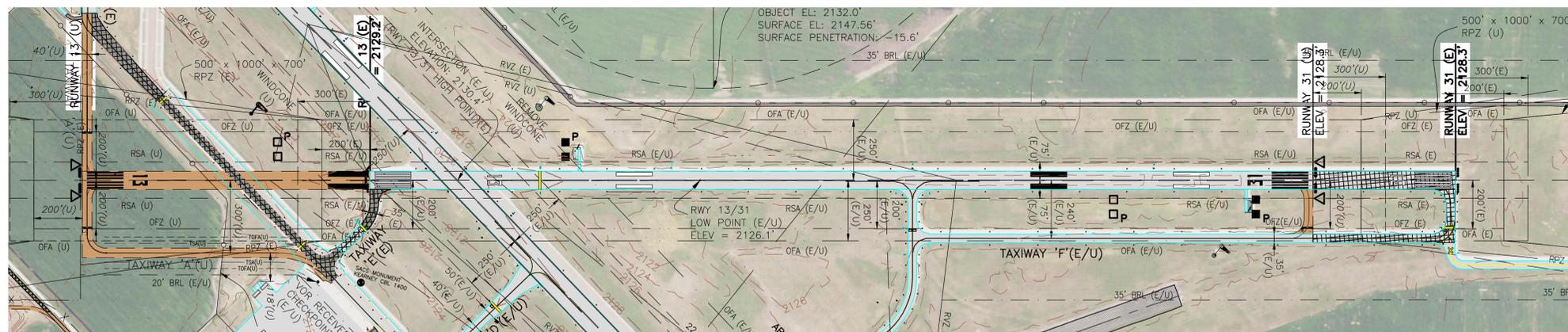
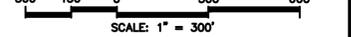


RUNWAY 18/36 PROFILE
SCALE: 1"=300' (HORIZONTAL)
1"=30' (VERTICAL)

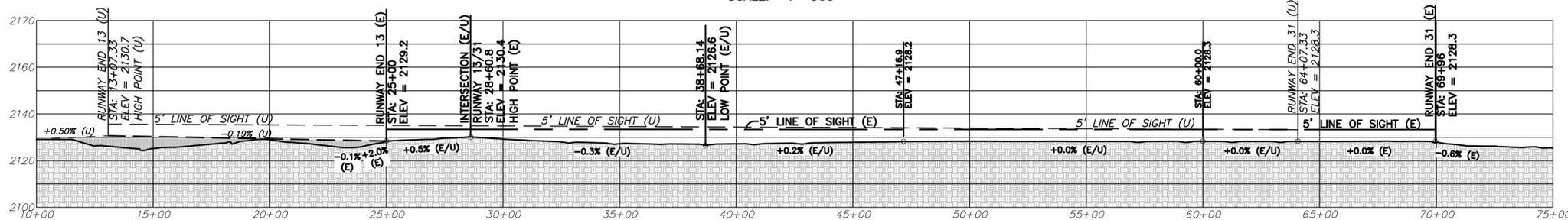
LEGEND

EXISTING GRADE	[Symbol]
EXCAVATION	[Symbol]
EMBANKMENT	[Symbol]
EXISTING GRADE	[Symbol]
ULTIMATE GRADE	[Symbol]

EPOCH VARIATION
5'12" E (9-2012)
0'8" W PER YEAR



RUNWAY 13/31 PLAN
SCALE: 1"=300'



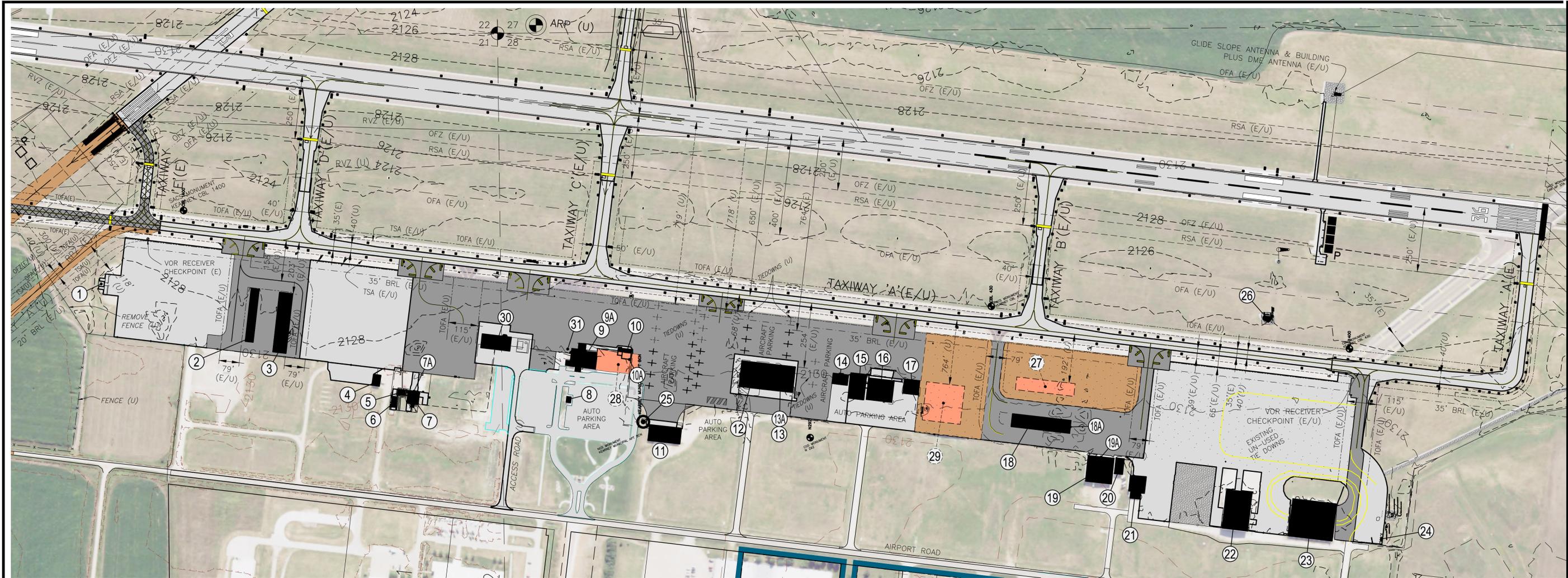
RUNWAY 13/31 PROFILE
SCALE: 1"=300' (HORIZONTAL)
1"=30' (VERTICAL)

LEGEND

	EXISTING	ULTIMATE
BUILDING	[Symbol]	[Symbol]
CONCRETE	[Symbol]	[Symbol]
ASPHALT	[Symbol]	[Symbol]
GRAVEL/ROCK ROAD	[Symbol]	[Symbol]
REMOVAL	[Symbol]	[Symbol]
EASEMENT	[Symbol]	[Symbol]
PROPERTY LINE	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
BUILDING RESTRICTION LINE (BRL)	[Symbol]	[Symbol]
CONTOUR	[Symbol]	[Symbol]
RUNWAY END IDENTIFICATION LIGHT (REIL)	[Symbol]	[Symbol]
THRESHOLD LIGHTS	[Symbol]	[Symbol]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)	[Symbol]	[Symbol]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)	[Symbol]	[Symbol]
PRECISION APPROACH PATH INDICATOR (PAPI)	[Symbol]	[Symbol]
BEACON	[Symbol]	[Symbol]
SEGMENTED CIRCLE AND LIGHTED WIND CONE	[Symbol]	[Symbol]
WIND SOCK	[Symbol]	[Symbol]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)	[Symbol]	[Symbol]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)	[Symbol]	[Symbol]
AIRPORT REFERENCE POINT (ARP)	[Symbol]	[Symbol]
TREE	[Symbol]	[Symbol]
SECTION CORNER	[Symbol]	[Symbol]
RUNWAY SAFETY AREA (RSA)	[Symbol]	[Symbol]
RUNWAY PROTECTION ZONE (RPZ)	[Symbol]	[Symbol]
RUNWAY VISUAL ZONE (RVZ)	[Symbol]	[Symbol]
APPROACH SURFACE (APPR)	[Symbol]	[Symbol]
OBJECT FREE AREA (OFA)	[Symbol]	[Symbol]
OBSTACLE FREE ZONE (OFZ)	[Symbol]	[Symbol]
PRECISION OBJECT FREE ZONE (POFZ)	[Symbol]	[Symbol]
TIEDOWNS	[Symbol]	[Symbol]
HOLDLINE	[Symbol]	[Symbol]
SURVEY MONUMENT	[Symbol]	[Symbol]

No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
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1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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BUILDING/OBJECT TABLE

OBJECT	OBJ. ELEVATION	PENETRATION	DISPOSITION	OBJECT	OBJ. ELEVATION	PENETRATION	DISPOSITION
1 SPRAY APRON TANKS	2140.3'	-42.3'	NONE	17 CORPORATE HANGAR	2151.6'	-31.0'	NONE
2 7-PLACE T-HANGAR	2146.2'	-28.7'	NONE	18 10-PLACE T-HANGAR	2147.3'	-47.5'	NONE
3 10-PLACE T-HANGAR	2144.2'	-31.1'	NONE	18A HANGAR JET FUEL SIGN	2151.1'	-43.6'	NONE
4 OFFICE (BUFFALO AIR SERVICE)	2147.2'	-67.3'	NONE	19 FBO SHOP STORAGE HANGAR	2155.9'	-57.0'	NONE
5 HANGAR (BUFFALO AIR SERVICE)	2150.5'	-70.7'	NONE	19A WIND SOCK	2163.1'	-49.8'	NONE
6 HANGAR (BUFFALO AIR SERVICE)	2150.7'	-74.8'	NONE	20 HANGAR	2151.3'	-61.2'	NONE
7 HANGAR (BUFFALO AIR SERVICE)	2154.2'	-67.0'	NONE	21 HANGAR	2157.0'	-64.3'	NONE
7A ANTENNA	2189.4'	-31.8'	NONE	22 SNOW REMOVAL EQUIPMENT BUILDING	2168.8'	-54.1'	NONE
8 EMERGENCY GENERATOR/VAULT	2141.7'	-72.4'	NONE	23 OPEN BAY HANGAR	2175.7'	-47.9'	NONE
9 TERMINAL BUILDING	2147.1'	-36.8'	NONE	24 FUEL STORAGE TANK	2138.0'	-88.2'	NONE
9A ANTENNA	2168.0'	-15.9'	NONE	25 BEACON	2183.7'	-41.2'	NONE
10 AIRPORT MANAGEMENT/FIRE STATION	2148.4'	-35.6'	NONE	26 AWOS	2163.5'	+33.0'	NONE (EXIST. LIGHT)
10A SIREN	2165.9'	-35.1'	NONE	27 ULTIMATE 10-PLACE T-HANGAR (20')	2149.5'	-33.1'	NONE
11 NEBR. DEPT. OF AERONAUTICS OFFICE	2189.2'	-24.3'	NONE	28 ULTIMATE TERMINAL ADDITION (30')	2160.2'	-30.2'	NONE
12 FBO HANGAR (OTIS AIR SERVICE)	2158.5'	-24.3'	NONE	29 ULTIMATE CORPORATE HANGAR (40')	2173.2'	-14.3'	NONE
13 FBO HANGAR (LIL' RED)	2158.8'	-24.2'	NONE	30 ARFF FACILITY	2159.2'	-34.5'	NONE
13A ANTENNA	2165.9'	-17.1'	NONE	31 FAA NAVAID COMMUNICATION TOWER	2174.5'	-17.6'	NONE
14 HANGAR (METAL QUONSET)	2155.7'	-28.2'	NONE				
15 CORPORATE HANGAR	2152.8'	-31.1'	NONE				
16 CORPORATE HANGAR (BUCKLE)	2152.9'	-31.2'	NONE				

NOTE: (+) IDENTIFIES OBSTRUCTIONS, (-) IDENTIFIES CLEARANCES
 ULTIMATE BUILDING ELEVATIONS DISPLAY THE MAXIMUM HEIGHT AVAILABLE TO CLEAR TRANSITIONAL SURFACE

LEGEND		
	EXISTING	ULTIMATE
BUILDING	[Solid Grey]	[Solid Orange]
CONCRETE	[Solid Grey]	[Solid Orange]
ASPHALT	[Solid Grey]	[Solid Orange]
GRAVEL/ROCK ROAD	[Stippled]	[Stippled]
REMOVAL	[Cross-hatched]	[Cross-hatched]
EASEMENT	[Blue Hatched]	[Blue Hatched]
PROPERTY LINE	[Blue Line]	[Blue Line]
FENCE	[Dashed Line]	[Dashed Line]
BUILDING RESTRICTION LINE (BRL)	[Dashed Line]	[Dashed Line]
CONTOUR	[Dashed Line]	[Dashed Line]
RUNWAY END IDENTIFICATION LIGHT (REIL)	[Triangle]	[Triangle]
THRESHOLD LIGHTS	[Dotted Line]	[Dotted Line]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)	[Square]	[Square]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)	[Square]	[Square]
VISUAL APPROACH SLOPE INDICATOR (VASI)	[Square]	[Square]
PRECISION APPROACH PATH INDICATOR (PAPI)	[Square]	[Square]
BEACON	[Circle]	[Circle]
SEGMENTED CIRCLE AND LIGHTED WIND CONE	[Circle]	[Circle]
WIND SOCK	[Circle]	[Circle]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)	[Circle]	[Circle]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)	[Circle]	[Circle]
AIRPORT REFERENCE POINT (ARP)	[Circle]	[Circle]
TREE	[Circle]	[Circle]
SECTION CORNER	[Circle]	[Circle]
RUNWAY SAFETY AREA (RSA)	[Line]	[Line]
RUNWAY PROTECTION ZONE (RPZ)	[Line]	[Line]
RUNWAY VISUAL ZONE (RVZ)	[Line]	[Line]
APPROACH SURFACE (APPR)	[Line]	[Line]
OBJECT FREE AREA (OFA)	[Line]	[Line]
OBSTACLE FREE ZONE (OFZ)	[Line]	[Line]
TAXIWAY SAFETY AREA (TSA)	[Line]	[Line]
TAXIWAY OBJECT FREE AREA (TOFA)	[Line]	[Line]
PRECISION OBJECT FREE ZONE (POFZ)	[Line]	[Line]
TIEDOWNS	[Line]	[Line]
HOLDLINE	[Line]	[Line]
SURVEY MONUMENT	[Circle]	[Circle]



EPOCH VARIATION
 5'12" E (9-2012)
 0'8" W PER YEAR
 SCALE: 1" = 200'

No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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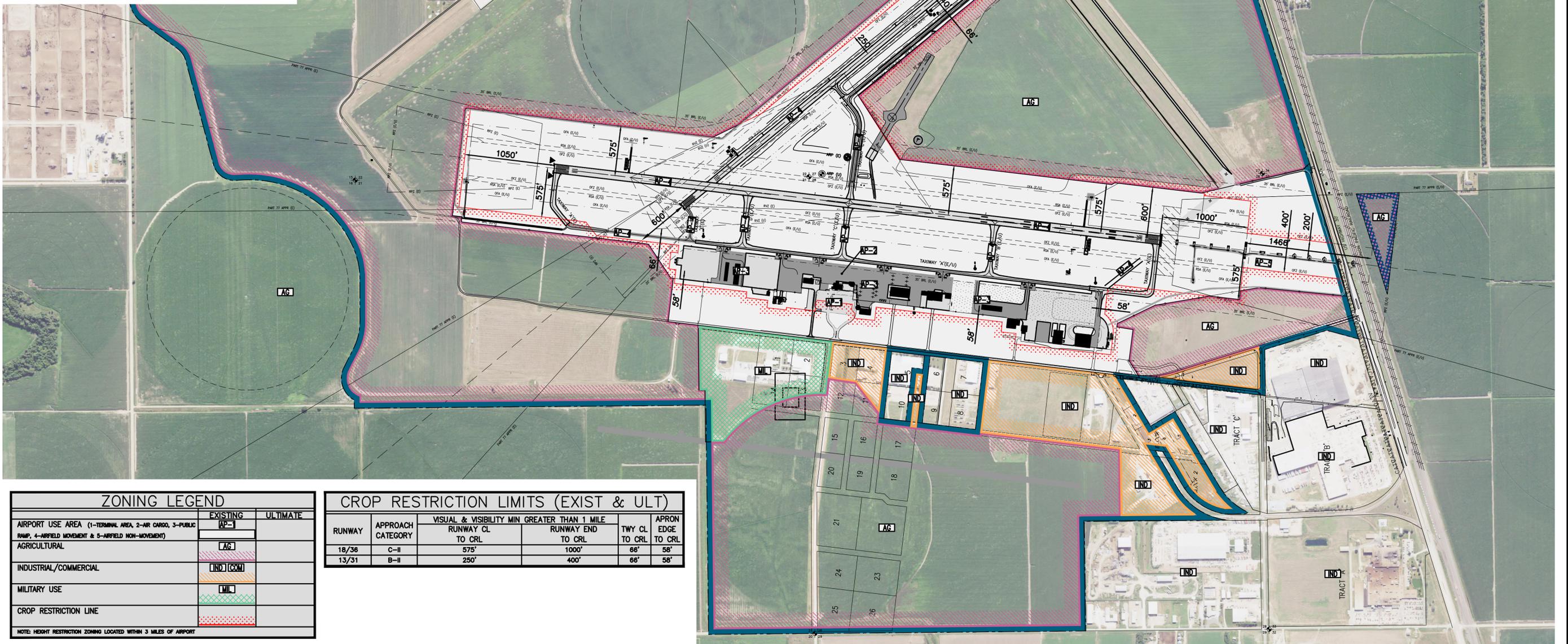
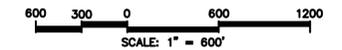
LEGEND		
	EXISTING	ULTIMATE
BUILDING	[Symbol]	[Symbol]
CONCRETE	[Symbol]	[Symbol]
ASPHALT	[Symbol]	[Symbol]
GRAVEL/ROCK ROAD	[Symbol]	[Symbol]
REMOVAL	[Symbol]	[Symbol]
EASEMENT	[Symbol]	[Symbol]
PROPERTY LINE	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
BUILDING RESTRICTION LINE (BRL)	[Symbol]	[Symbol]
CONTOUR	[Symbol]	[Symbol]
RUNWAY END IDENTIFICATION LIGHT (REIL)	[Symbol]	[Symbol]
THRESHOLD LIGHTS	[Symbol]	[Symbol]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)	[Symbol]	[Symbol]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)	[Symbol]	[Symbol]
PRECISION APPROACH PATH INDICATOR (PAPI)	[Symbol]	[Symbol]
BEACON	[Symbol]	[Symbol]
SEGMENTED CIRCLE AND LIGHTED WIND CONE	[Symbol]	[Symbol]
WIND SOCK	[Symbol]	[Symbol]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)	[Symbol]	[Symbol]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)	[Symbol]	[Symbol]
AIRPORT REFERENCE POINT (ARP)	[Symbol]	[Symbol]
TREE	[Symbol]	[Symbol]
SECTION CORNER	[Symbol]	[Symbol]
RUNWAY SAFETY AREA (RSA)	[Symbol]	[Symbol]
RUNWAY PROTECTION ZONE (RPZ)	[Symbol]	[Symbol]
RUNWAY VISUAL ZONE (RVZ)	[Symbol]	[Symbol]
APPROACH SURFACE (APPR)	[Symbol]	[Symbol]
OBJECT FREE AREA (OFA)	[Symbol]	[Symbol]
OBSTACLE FREE ZONE (OFZ)	[Symbol]	[Symbol]
PRECISION OBJECT FREE ZONE (POFZ)	[Symbol]	[Symbol]
TIEDOWNS	[Symbol]	[Symbol]
HOLDLINE	[Symbol]	[Symbol]
SURVEY MONUMENT	[Symbol]	[Symbol]

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No.	REVISIONS	DATE

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EPOCH VARIATION
5'12" E (9-2012)
0'8" W PER YEAR



ZONING LEGEND		
	EXISTING	ULTIMATE
AIRPORT USE AREA (1-TERMINAL AREA, 2-AIR CARGO, 3-PUBLIC RAMP, 4-AIRFIELD MOVEMENT & 5-AIRFIELD NON-MOVEMENT)	[Symbol]	[Symbol]
AGRICULTURAL	[Symbol]	[Symbol]
INDUSTRIAL/COMMERCIAL	[Symbol]	[Symbol]
MILITARY USE	[Symbol]	[Symbol]
CROP RESTRICTION LINE	[Symbol]	[Symbol]

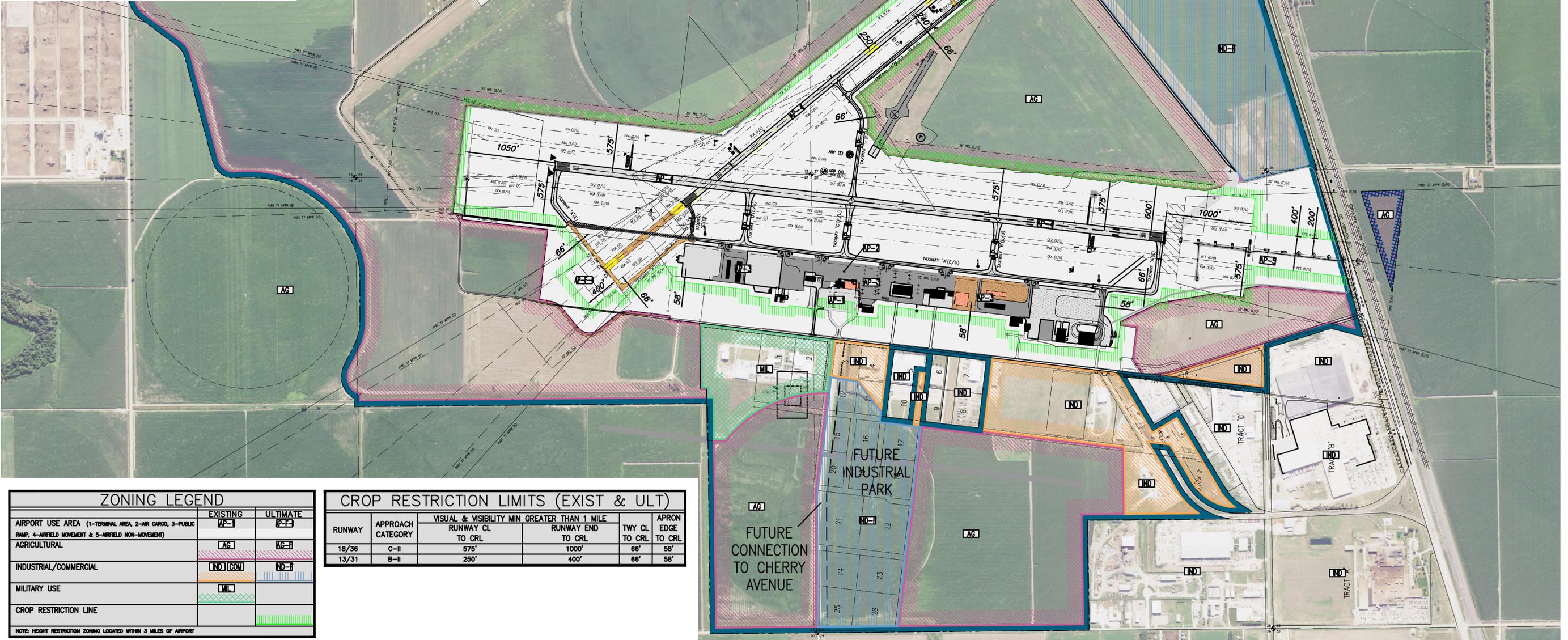
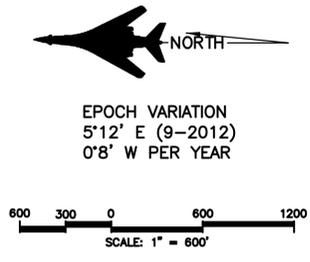
NOTE: HEIGHT RESTRICTION ZONING LOCATED WITHIN 3 MILES OF AIRPORT

CROP RESTRICTION LIMITS (EXIST & ULT)					
RUNWAY	APPROACH CATEGORY	VISUAL & VISIBILITY MIN GREATER THAN 1 MILE RUNWAY CL TO CRL	RUNWAY END TO CRL	TWY CL TO CRL	APRON EDGE TO CRL
18/36	C-II	575'	1000'	66'	58'
13/31	B-II	250'	400'	66'	58'

LEGEND		
	EXISTING	ULTIMATE
BUILDING	[Symbol]	[Symbol]
CONCRETE	[Symbol]	[Symbol]
ASPHALT	[Symbol]	[Symbol]
GRAVEL/ROCK ROAD	[Symbol]	[Symbol]
REMOVAL	[Symbol]	[Symbol]
EASEMENT	[Symbol]	[Symbol]
PROPERTY LINE	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
BUILDING RESTRICTION LINE (BRL)	[Symbol]	[Symbol]
CONTOUR	[Symbol]	[Symbol]
RUNWAY END IDENTIFICATION LIGHT (REIL)	[Symbol]	[Symbol]
THRESHOLD LIGHTS	[Symbol]	[Symbol]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)	[Symbol]	[Symbol]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)	[Symbol]	[Symbol]
PRECISION APPROACH PATH INDICATOR (PAPI)	[Symbol]	[Symbol]
BEACON	[Symbol]	[Symbol]
SEGMENTED CIRCLE AND LIGHTED WIND CONE	[Symbol]	[Symbol]
WIND SOCK	[Symbol]	[Symbol]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)	[Symbol]	[Symbol]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)	[Symbol]	[Symbol]
AIRPORT REFERENCE POINT (ARP)	[Symbol]	[Symbol]
TREE	[Symbol]	[Symbol]
SECTION CORNER	[Symbol]	[Symbol]
RUNWAY SAFETY AREA (RSA)	[Symbol]	[Symbol]
RUNWAY PROTECTION ZONE (RPZ)	[Symbol]	[Symbol]
RUNWAY VISUAL ZONE (RVZ)	[Symbol]	[Symbol]
APPROACH SURFACE (APPR)	[Symbol]	[Symbol]
OBJECT FREE AREA (OFA)	[Symbol]	[Symbol]
OBSTACLE FREE ZONE (OFZ)	[Symbol]	[Symbol]
PRECISION OBJECT FREE ZONE (POFZ)	[Symbol]	[Symbol]
TIEDOWNS	[Symbol]	[Symbol]
HOLDLINE	[Symbol]	[Symbol]
SURVEY MONUMENT	[Symbol]	[Symbol]

No.	REVISIONS	DATE
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2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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ZONING LEGEND		
	EXISTING	ULTIMATE
AIRPORT USE AREA (1-TERMINAL AREA, 2-AIR CARGO, 3-PUBLIC RAMP, 4-AIRFIELD MOVEMENT & 5-AIRFIELD NON-MOVEMENT)	[Symbol]	[Symbol]
AGRICULTURAL	[Symbol]	[Symbol]
INDUSTRIAL/COMMERCIAL	[Symbol]	[Symbol]
MILITARY USE	[Symbol]	[Symbol]
CROP RESTRICTION LINE	[Symbol]	[Symbol]

NOTE: HEIGHT RESTRICTION ZONING LOCATED WITHIN 3 MILES OF AIRPORT

CROP RESTRICTION LIMITS (EXIST & ULT)					
RUNWAY	APPROACH CATEGORY	VISUAL & VISIBILITY MIN GREATER THAN 1 MILE RUNWAY CL TO CRL	RUNWAY END TO CRL	TWY CL TO CRL	APRON EDGE TO CRL
18/36	C-II	575'	1000'	66'	58'
13/31	B-II	250'	400'	66'	58'

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MICHAEL**

benesch
Alfred Benesch & Company
825 M Street - Suite 100
Lincoln, Nebraska 68508
402-479-2200

AIRPORT MASTER PLAN

KEARNEY REGIONAL AIRPORT (EAR)

AIRPORT LAND USE MAP

ULTIMATE FEATURES

SHEET

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designed
TMS
checked
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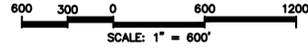
NEBRASKA

KEARNEY

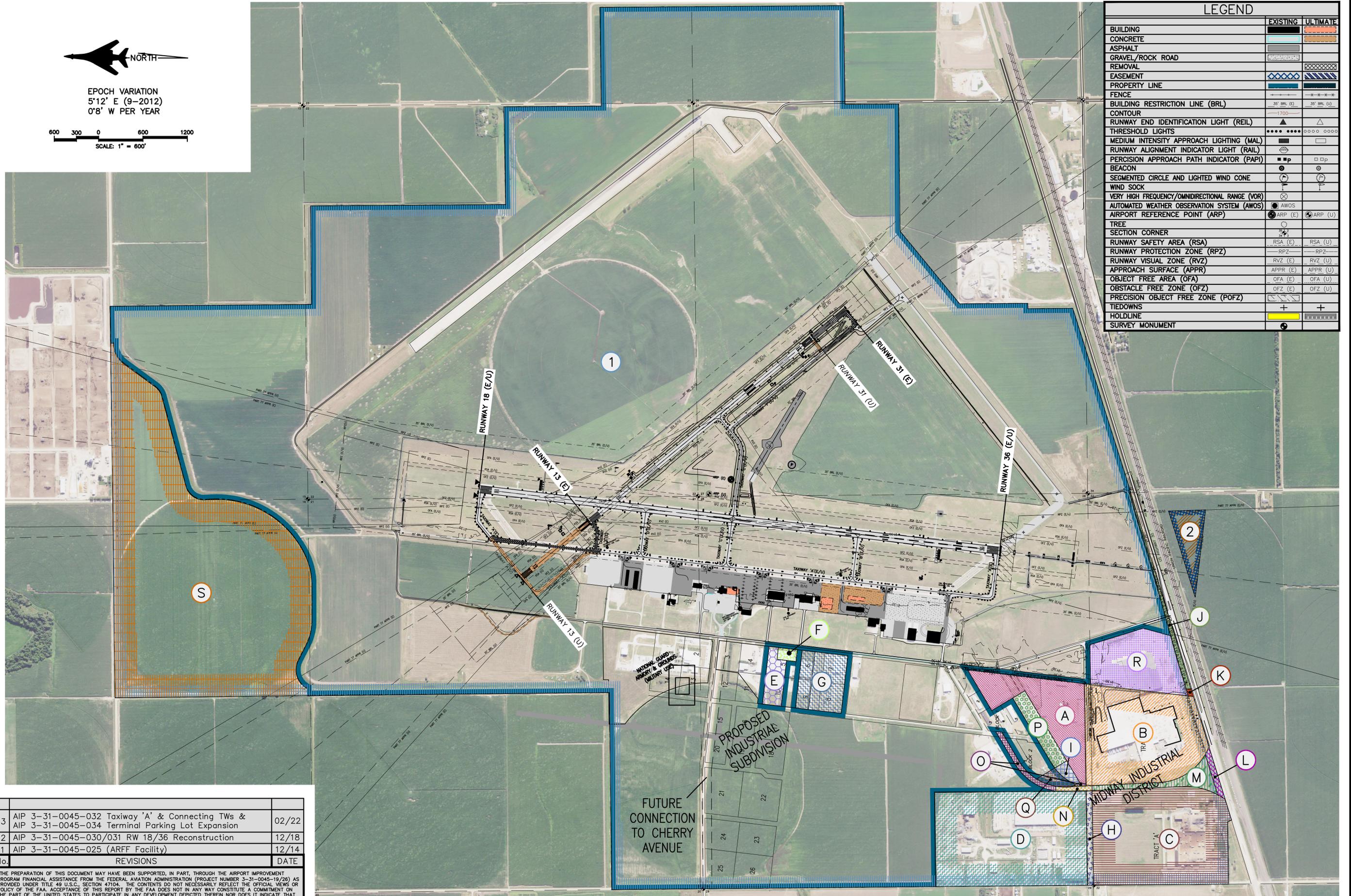
13



EPOCH VARIATION
5'12" E (9-2012)
0'8" W PER YEAR



LEGEND		EXISTING	ULTIMATE
BUILDING		[Solid Grey]	[Solid Orange]
CONCRETE		[Dotted Grey]	[Dotted Orange]
ASPHALT		[Horizontal Lines]	[Vertical Lines]
GRAVEL/ROCK ROAD		[Cross-hatch]	[Diagonal Lines]
REMOVAL		[Diagonal Lines]	[Cross-hatch]
EASEMENT		[Blue Hatched]	[Blue Hatched]
PROPERTY LINE		[Blue Dashed]	[Blue Dashed]
FENCE		[Blue Dashed]	[Blue Dashed]
BUILDING RESTRICTION LINE (BRL)		[Blue Dashed]	[Blue Dashed]
CONTOUR		[Blue Dashed]	[Blue Dashed]
RUNWAY END IDENTIFICATION LIGHT (REIL)		[Triangle]	[Triangle]
THRESHOLD LIGHTS		[Dotted]	[Dotted]
MEDIUM INTENSITY APPROACH LIGHTING (MAL)		[Square]	[Square]
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)		[Circle]	[Circle]
PRECISION APPROACH PATH INDICATOR (PAPI)		[Square]	[Square]
BEACON		[Circle]	[Circle]
SEGMENTED CIRCLE AND LIGHTED WIND CONE		[Circle]	[Circle]
WIND SOCK		[Circle]	[Circle]
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)		[Circle]	[Circle]
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)		[Circle]	[Circle]
AIRPORT REFERENCE POINT (ARP)		[Circle]	[Circle]
TREE		[Circle]	[Circle]
SECTION CORNER		[Circle]	[Circle]
RUNWAY SAFETY AREA (RSA)		[Dotted]	[Dotted]
RUNWAY PROTECTION ZONE (RPZ)		[Dotted]	[Dotted]
RUNWAY VISUAL ZONE (RVZ)		[Dotted]	[Dotted]
APPROACH SURFACE (APPR)		[Dotted]	[Dotted]
OBJECT FREE AREA (OFA)		[Dotted]	[Dotted]
OBSTACLE FREE ZONE (OFZ)		[Dotted]	[Dotted]
PRECISION OBJECT FREE ZONE (POFZ)		[Dotted]	[Dotted]
TIEDOWNS		[Cross]	[Cross]
HOLDLINE		[Dashed]	[Dashed]
SURVEY MONUMENT		[Circle]	[Circle]



No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
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Alfred Benesch & Company
825 M Street, Suite 100
Lincoln, Nebraska 68508
402-479-2200

AIRPORT MASTER PLAN
KEARNEY REGIONAL AIRPORT (EAR)

AIRPORT PROPERTY MAP

date APRIL-13
designed TMS
checked NRG
km no. 1109231

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PROPERTY TABLE							
ID NO.	DESCRIPTION	AREA	ACQUISITION TYPE	PROPERTY INTEREST	ACQUISITION DATE	RELEASE DATE	PROJECT NO.
1	TRACT 1	2,394 ACRES	SURPLUS PROPERTY	FEE	JUNE 15, 1950	--	N/A
2	TRACT 2	6.7 ACRES	FEDERAL GRANT	ZERO-GROUND EASEMENT	OCTOBER 14, 2008	--	3-31-0045-24
A	TRACT A	23.6 ACRES	RELEASE	--	--	MAY 4, 1962	N/A
B	TRACT B	41.5 ACRES	RELEASE	--	--	MAY 4, 1962	N/A
C	TRACT C	51.9 ACRES	RELEASE	--	--	MAY 4, 1962	N/A
D	TRACT D	60.0 ACRES	RELEASE	--	--	JUNE 5, 1980	N/A
E	TRACT E	4.1 ACRES	RELEASE	--	--	NOVEMBER 24, 1967	N/A
F	TRACT F	1.0 ACRES	RELEASE	--	--	MAY 24, 1972	N/A
G	TRACT G	11.2 ACRES	RELEASE	--	--	JANUARY 25, 1961	N/A
H	TRACT H	2.4 ACRES	RELEASE	--	--	APRIL 13, 1972	N/A
I	TRACT I	2.5 ACRES	RELEASE	--	--	APRIL 13, 1972	N/A
J	TRACT J	2.4 ACRES	RELEASE	--	--	MAY 11, 1976	N/A
K	TRACT K	0.2 ACRES	RELEASE	--	--	MAY 11, 1976	N/A
L	TRACT L	1.2 ACRES	RELEASE	--	--	MAY 11, 1976	N/A
M	TRACT M	5.0 ACRES	RELEASE	--	--	JUNE 18, 1980	N/A
			PERPETUAL EASEMENT	--	--	JULY 25, 1980	N/A
N	TRACT N	0.7 ACRES	RELEASE	--	--	JUNE 18, 1980	N/A
			PERPETUAL EASEMENT	--	--	JULY 25, 1980	N/A
O	TRACT O	1.8 ACRES	RELEASE	--	--	JUNE 18, 1980	N/A
P	TRACT P	4.9 ACRES	RELEASE	--	--	AUGUST 27, 1982	N/A
Q	TRACT Q	1.5 ACRES	LOCAL PURCHASE	FEE	AUGUST 27, 1982	--	N/A
R	TRACT R	20.4 ACRES	RELEASE	--	--	MARCH 24, 2008	N/A
S	TRACT S	186.3 ACRES	RELEASE	--	--	DECEMBER 29, 2010	N/A

No.	REVISIONS	DATE
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date designed
APRIL-13
date checked
1109231
sheet no.

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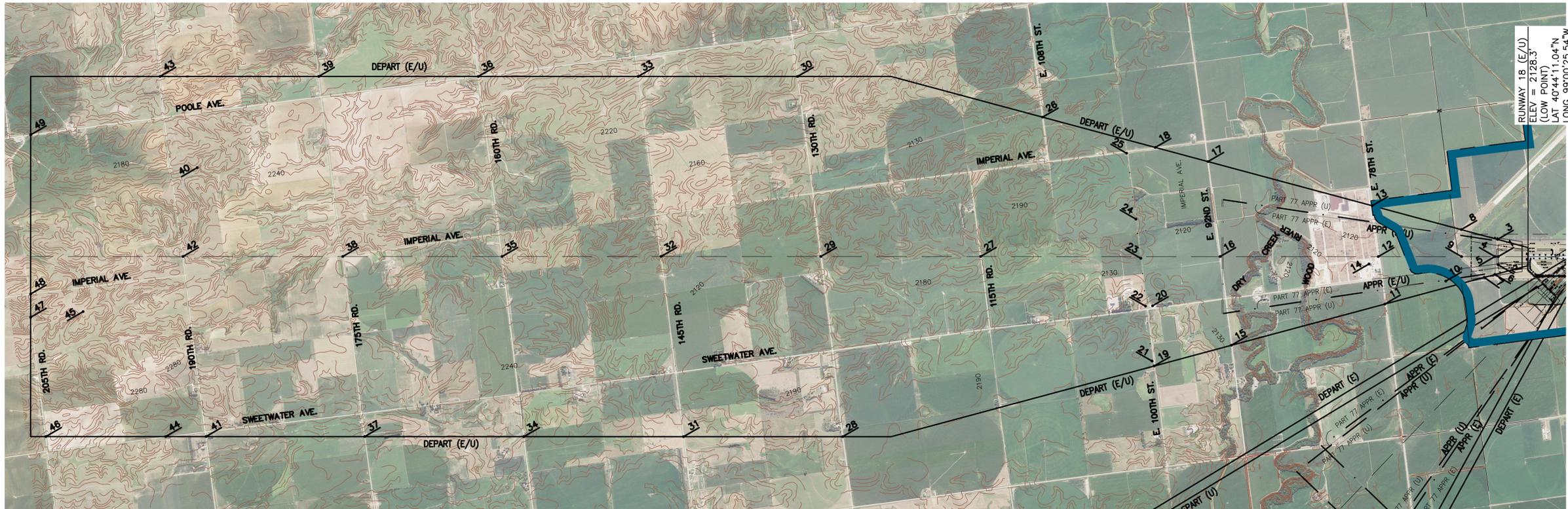
NEBRASKA

AIRPORT MASTER PLAN
KEARNEY REGIONAL AIRPORT (EAR)

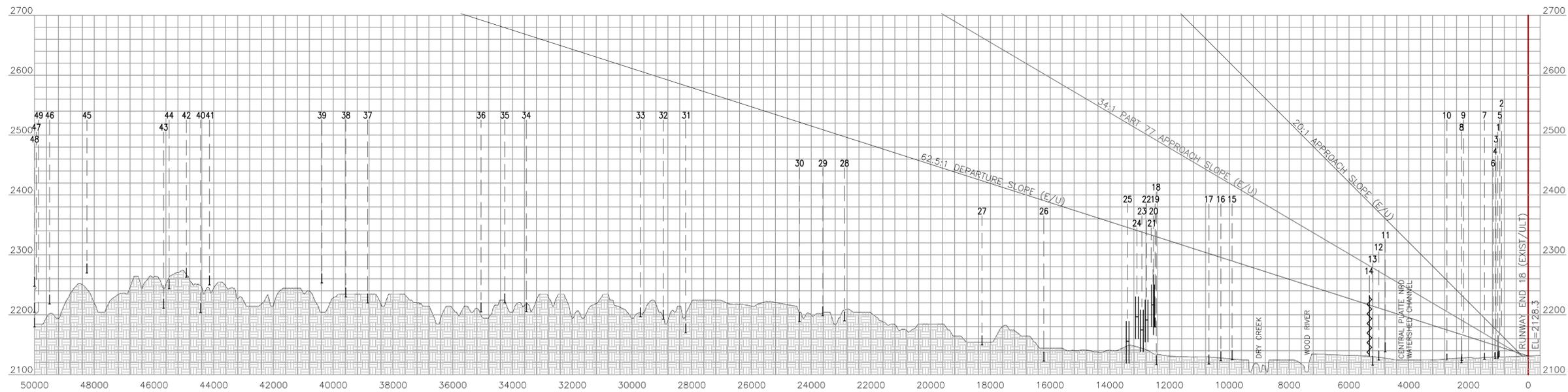
KEARNEY

AIRPORT PROPERTY TABLE

APRIL-13
date designed
APRIL-13
date checked
1109231
sheet no.



EXISTING/ULTIMATE RUNWAY 18 DEPARTURE SURFACE PLAN VIEW
SCALE: 1"=2,000'



EXISTING/ULTIMATE RUNWAY 18 DEPARTURE SURFACE PROFILE VIEW
SCALE: 1"=2,000' (HORIZONTAL)
1"=200' (VERTICAL)

APPROACH/DEPARTURE SURFACE TABLE EXISTING AND ULTIMATE RUNWAY 18			
	RUNWAY TYPE	SLOPE	SLOPE
	EXISTING		ULTIMATE
APPROACH SURFACE	APPROACH END OF RUNWAYS EXPECTED TO SUPPORT INSTRUMENT NIGHT OPERATIONS SERVING GREATER THAN APPROACH CATEGORY B AIRCRAFT.	20:1	APPROACH END OF RUNWAYS EXPECTED TO ACCOMMODATE INSTRUMENT APPROACHES HAVING VISIBILITY MINIMUMS GREATER THAN OR EQUAL TO 3/4 BUT LESS THAN 1 STATUTE MILE, DAY OR NIGHT.
DEPARTURE SURFACE	DEPARTURE RUNWAY ENDS SUPPORTING AIR CARRIER OPERATIONS.	62.5:1	SAME
			62.5:1

SOURCE: FAA AC 150/5300-13A, TABLE 3-2.

- LEGEND**
- EXISTING GRADE
 - EXCAVATION
 - EMBANKMENT
 - EXISTING GRADE
 - ULTIMATE GRADE



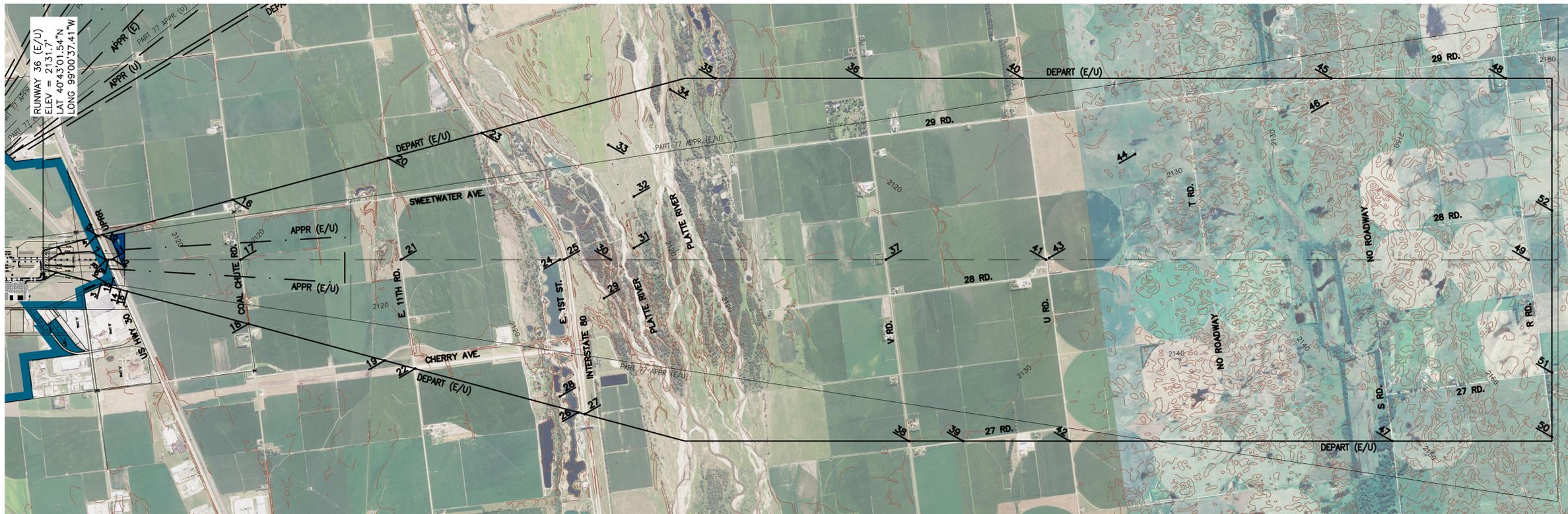
EPOCH VARIATION
5'12" E (9-2012)
0'8" W PER YEAR



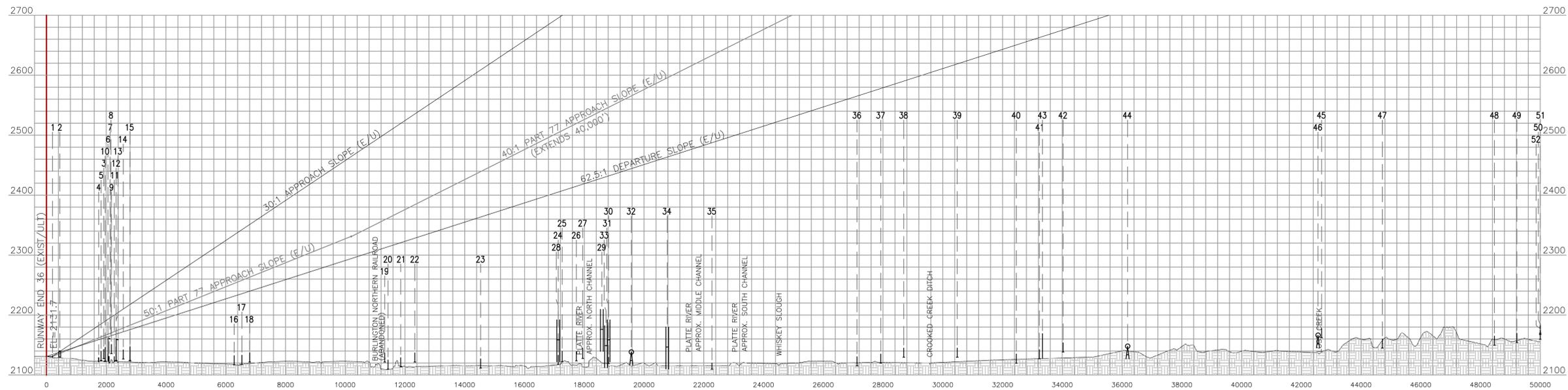
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EXISTING/ULTIMATE RUNWAY 36 DEPARTURE SURFACE PLAN VIEW
SCALE: 1"=2,000'



EXISTING/ULTIMATE RUNWAY 36 DEPARTURE SURFACE PROFILE VIEW
SCALE: 1"=2,000' (HORIZONTAL)
1"=200' (VERTICAL)

APPROACH/DEPARTURE SURFACE TABLE EXISTING AND ULTIMATE RUNWAY 36			
	RUNWAY TYPE	SLOPE	SLOPE
	EXISTING		ULTIMATE
APPROACH SURFACE	APPROACH END OF RUNWAYS EXPECTED TO ACCOMMODATE APPROACHES WITH VERTICAL GUIDANCE [GLIDESLOPE QUALIFICATION SURFACE (GQS)]	30:1	30:1
DEPARTURE SURFACE	DEPARTURE RUNWAY ENDS SUPPORTING AIR CARRIER OPERATIONS.	62.5:1	62.5:1

SOURCE: FAA AC 150/5300-13A, TABLE 3-2.

LEGEND

- EXISTING GRADE
- EXCAVATION
- EMBANKMENT
- EXISTING GRADE
- ULTIMATE GRADE



EPOCH VARIATION
5'12" E (9-2012)
0'8" W PER YEAR



No.	REVISIONS	DATE
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APPROACH/DEPARTURE SURFACE OBSTRUCTION TABLE
EXISTING AND ULTIMATE RUNWAY 18

ID NO.	OBJECT DESCRIPTION	OBJECT ELEVATION	AMOUNT OF PENETRATION	DISPOSITION OF OBJECT						
SURFACE INTERSECTIONS		DEPARTURE (EXIST)		DEPARTURE (ULT)		APPROACH (EXIST)		APPROACH (ULT)		
1	LOCALIZER	2147.3'	+2.9'	FIXED BY FUNCTION	SAME	SAME	-28.1'	NONE	SAME	SAME
2	LOCALIZER EQUIP. BUILDING	2139.2'	-5.0'	NONE	SAME	SAME	-33.8'	NONE	SAME	SAME
3	7' FENCE	2133.4'	-11.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
4	AIRPORT SERVICE ROAD	2137.3'	-8.6'	NONE	SAME	SAME	-41.2'	NONE	SAME	SAME
5	7' FENCE	2133.9'	-10.7'	NONE	SAME	SAME	-40.0'	NONE	SAME	SAME
6	7' FENCE	2136.5'	-9.7'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
7	AIRPORT SERVICE ROAD	2138.0'	-15.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
8	AIRPORT SERVICE ROAD	2130.0'	-34.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
9	AIRPORT SERVICE ROAD	2134.0'	-29.9'	NONE	SAME	SAME	-100.5'	NONE	SAME	SAME
10	IRRIGATION PIVOT	2134.5'	-37.3'	NONE	SAME	SAME	-124.8'	NONE	SAME	SAME
11	E. 78TH ROAD	2153.4'	-51.6'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
12	E. 78TH ROAD	2139.6'	-68.8'	NONE	SAME	SAME	-233.9'	NONE	SAME	SAME
13	E. 78TH ROAD	2130.9'	-80.7'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
14	GRAIN ELEVATOR	2232.0'	+18.6'	LIGHT	SAME	SAME	-151.5'	NONE	SAME	SAME
15	E. 92ND STREET	2140.2'	-146.7'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
16	E. 92ND STREET	2138.4'	-154.5'	NONE	SAME	SAME	-499.2'	NONE	SAME	SAME
17	E. 92ND STREET	2133.0'	-186.4'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
18	IMPERIAL AVENUE	2131.9'	-195.7'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
19	E. 100TH STREET	2194.8'	-133.4'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
20	SUBSTATION	2286.5'	-82.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
21	H-FRAME POWER POLE	2250.0'	-79.3'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
22	H-FRAME POWER POLE	2224.7'	-108.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
23	H-FRAME POWER POLE	2207.9'	-127.4'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
24	H-FRAME POWER POLE	2230.0'	-107.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
25	H-FRAME POWER POLE	2189.0'	-153.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
26	E. 106TH STREET	2137.8'	-250.0'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
27	115TH ROAD	2165.0'	-255.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
28	130TH ROAD	2205.0'	-289.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
29	130TH ROAD	2213.7'	-292.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
30	130TH ROAD	2203.8'	-314.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
31	145TH ROAD	2185.0'	-394.6'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
32	145TH ROAD	2207.7'	-383.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
33	145TH ROAD	2211.9'	-391.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
34	160TH ROAD	2220.4'	-444.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
35	160TH ROAD	2235.0'	-441.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
36	160TH ROAD	2220.0'	-489.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
37	175TH ROAD	2235.0'	-514.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
38	175TH/IMPERIAL INTERSECTION	2245.0'	-516.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
39	175TH ROAD	2288.3'	-506.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
40	WINDMILL	2218.7'	-850.7'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
41	190TH ROAD	2285.0'	-589.7'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
42	190TH ROAD	2277.9'	-569.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
43	190TH ROAD	2228.0'	-633.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
44	SWEETWATER AVENUE	2258.7'	-597.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
45	WINDMILL	2285.0'	-615.3'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
46	205TH ROAD	2233.1'	-667.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
47	205TH ROAD	2219.5'	-708.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
48	IMPERIAL AVENUE	2282.9'	-685.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
49	POOLE AVENUE	2195.0'	-733.4'	NONE	SAME	SAME	N/A	N/A	N/A	N/A

NOTE: (+) IDENTIFIED OBSTRUCTIONS, (-) IDENTIFIED CLEARANCES
ELEVATION OF THE TRANSVERSE IS ADJUSTED 10' (PRIVATE ROADS & SERVICE ROADS), 15' (PUBLIC ROADS), 25' (RAILROADS) ABOVE THE ACTUAL ROADWAY/RAILROAD GROUND ELEVATION.

APPROACH/DEPARTURE SURFACE OBSTRUCTION TABLE
EXISTING AND ULTIMATE RUNWAY 36

ID NO.	OBJECT DESCRIPTION	OBJECT ELEVATION	AMOUNT OF PENETRATION	DISPOSITION OF OBJECT						
SURFACE INTERSECTIONS		DEPARTURE (EXIST)		DEPARTURE (ULT)		APPROACH (EXIST)		APPROACH (ULT)		
1	MAL LIGHT	2132.4'	-1.9'	NONE	SAME	SAME	-5.3'	NONE	SAME	SAME
2	MALSR BUILDING	2140.6'	+2.4'	RELOCATE	SAME	SAME	N/A	N/A	N/A	N/A
3	AIRPORT ROAD	2142.7'	-19.0'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
4	7' FENCE	2129.0'	-30.0'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
5	US HIGHWAY 30	2139.4'	-20.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
6	STREET LIGHT	2161.5'	-2.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
7	7' FENCE	2130.8'	-33.3'	NONE	SAME	SAME	-89.2'	NONE	SAME	SAME
8	RAIL LIGHT	2131.0'	-33.6'	NONE	SAME	SAME	-89.9'	NONE	SAME	SAME
9	US HIGHWAY 30	2141.1'	-24.7'	NONE	SAME	SAME	82.3'	NONE	SAME	SAME
10	UNION PACIFIC RAILROAD	2148.0'	-18.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
11	RAIL LIGHT	2130.8'	-36.5'	NONE	SAME	SAME	-75.9'	NONE	SAME	SAME
12	UNION PACIFIC RAILROAD	2147.0'	-21.3'	NONE	SAME	SAME	-61.7'	NONE	SAME	SAME
13	STREET LIGHT	2160.0'	-8.4'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
14	US HIGHWAY 30 (WEST BOUND)	2142.1'	-30.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
15	UNION PACIFIC RAILROAD	2147.0'	-28.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
16	COAL CHUTE ROAD	2132.4'	-99.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
17	COAL CHUTE ROAD	2133.0'	-102.7'	NONE	SAME	SAME	-216.0'	NONE	SAME	SAME
18	COAL CHUTE ROAD	2137.0'	-102.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
19	CHERRY AVENUE	2137.0'	-175.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
20	E. 11TH ROAD	2125.0'	-188.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
21	E. 11TH ROAD	2129.0'	-191.7'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
22	E. 11TH ROAD	2137.0'	-191.3'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
23	INTERSTATE 80 (WEST BOUND)	2127.0'	-236.6'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
24	E. 1ST STREET	2133.0'	-272.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
25	INTERSTATE 80 (WEST BOUND)	2139.6'	-287.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
26	E. 1ST STREET	2139.0'	-275.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
27	INTERSTATE 80 (WEST BOUND)	2145.0'	-273.3'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
28	H-FRAME POWER POLE	2192.0'	-213.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
29	H-FRAME POWER POLE	2191.4'	-237.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
30	PRIVATE DRIVE	2129.5'	-302.6'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
31	H-FRAME POWER POLE	2181.0'	-251.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
32	WINDMILL	2142.1'	-302.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
33	H-FRAME POWER POLE	2182.4'	-248.4'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
34	H-FRAME POWER POLE	2180.0'	-283.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
35	PRIVATE ROAD	2120.0'	-367.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
36	'Y' ROAD	2130.5'	-434.7'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
37	'Y' ROAD	2135.0'	-442.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
38	'Y' ROAD	2145.0'	-445.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
39	27 ROAD	2145.0'	-473.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
40	'U' ROAD	2135.0'	-515.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
41	'U' ROAD	2142.4'	-520.4'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
42	'U' ROAD	2153.7'	-521.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
43	ILS OUTER MARKER	2169.0'	-495.5'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
44	WINDMILL	2151.9'	-558.2'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
45	29 ROAD	2177.6'	-636.4'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
46	WINDMILL	2170.2'	-641.8'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
47	'S' ROAD	2160.2'	-686.3'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
48	'R' ROAD	2165.0'	-741.6'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
49	'R' ROAD	2169.6'	-748.9'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
50	'R' ROAD	2183.0'	-748.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
51	27 ROAD	2185.0'	-746.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A
52	26 ROAD	2175.0'	-758.1'	NONE	SAME	SAME	N/A	N/A	N/A	N/A

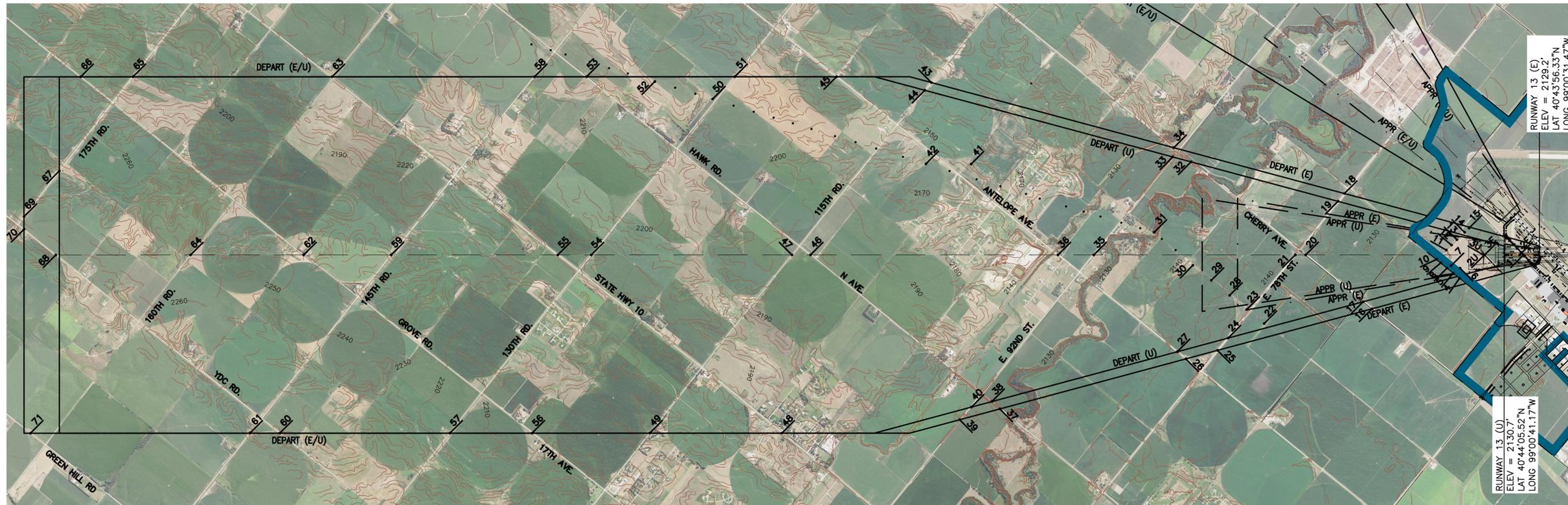
NOTE: (+) IDENTIFIED OBSTRUCTIONS, (-) IDENTIFIED CLEARANCES
ELEVATION OF THE TRANSVERSE IS ADJUSTED 10' (PRIVATE ROADS & SERVICE ROADS), 15' (PUBLIC ROADS), 25' (RAILROADS) ABOVE THE ACTUAL ROADWAY/RAILROAD GROUND ELEVATION.

LEGEND

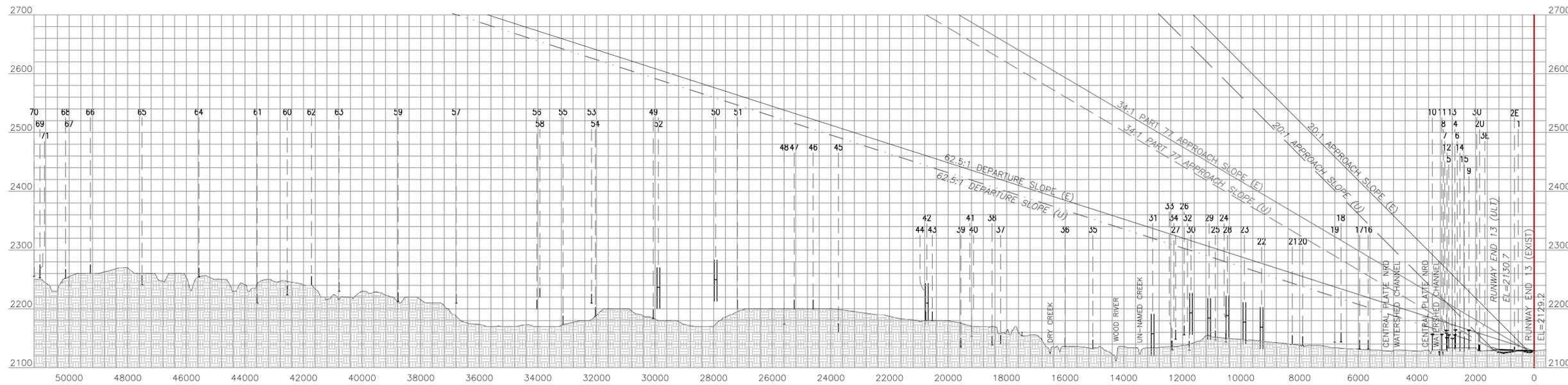
	EXISTING	ULTIMATE
BUILDING		
CONCRETE		
ASPHALT		
GRAVEL/ROCK ROAD		
REMOVAL		
EASEMENT		
PROPERTY LINE		
FENCE		
BUILDING RESTRICTION LINE (BRL)		
CONTOUR		
RUNWAY END IDENTIFICATION LIGHT (REIL)		
THRESHOLD LIGHTS		
MEDIUM INTENSITY APPROACH LIGHTING (MAL)		
RUNWAY ALIGNMENT INDICATOR LIGHT (RAIL)		
PRECISION APPROACH PATH INDICATOR (PAPI)		
BEACON		
SEGMENTED CIRCLE AND LIGHTED WIND CONE		
WIND SOCK		
VERY HIGH FREQUENCY/OMNIDIRECTIONAL RANGE (VOR)		
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)		
AIRPORT REFERENCE POINT (ARP)		
TREE		
SECTION CORNER		
RUNWAY SAFETY AREA (RSA)		
RUNWAY PROTECTION ZONE (RPZ)		
RUNWAY VISUAL ZONE (RVZ)		
APPROACH SURFACE (APPR)		
OBJECT FREE AREA (OFA)		
OBSTACLE FREE ZONE (OFZ)		
PRECISION OBJECT FREE ZONE (POFZ)		
TIEDOWNS		
HOLDLINE		
SURVEY MONUMENT		

No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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EXISTING/ULTIMATE RUNWAY 13 DEPARTURE SURFACE PLAN VIEW
SCALE: 1"=2,000'

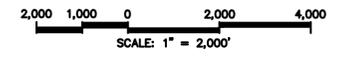


EXISTING/ULTIMATE RUNWAY 13 DEPARTURE SURFACE PROFILE VIEW
SCALE: 1"=2,000' (HORIZONTAL)
1"=200' (VERTICAL)

APPROACH/DEPARTURE SURFACE TABLE EXISTING AND ULTIMATE RUNWAY 13			
	RUNWAY TYPE	SLOPE	SLOPE
	EXISTING		ULTIMATE
APPROACH SURFACE	APPROACH END OF RUNWAYS EXPECTED TO SUPPORT INSTRUMENT NIGHT OPERATIONS SERVING APPROACH CATEGORY A AND B AIRCRAFT ONLY.	20:1	APPROACH END OF RUNWAYS EXPECTED TO ACCOMMODATE INSTRUMENT APPROACHES HAVING VISIBILITY MINIMUMS GREATER THAN OR EQUAL TO 3/4 BUT LESS THAN 1 STATUTE MILE, DAY OR NIGHT.
DEPARTURE SURFACE	DEPARTURE RUNWAY ENDS SUPPORTING AIR CARRIER OPERATIONS.	62.5:1	SAME
			62.5:1

LEGEND

EXISTING GRADE	
EXCAVATION	
EMBANKMENT	
EXISTING GRADE	
ULTIMATE GRADE	



No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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SOURCE: FAA AC 150/5300-13A, TABLE 3-2.

KIRKHAM MICHAEL

benesch
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825 M Street - Suite 100
Lincoln, Nebraska 68508
402-479-2200

NEBRASKA

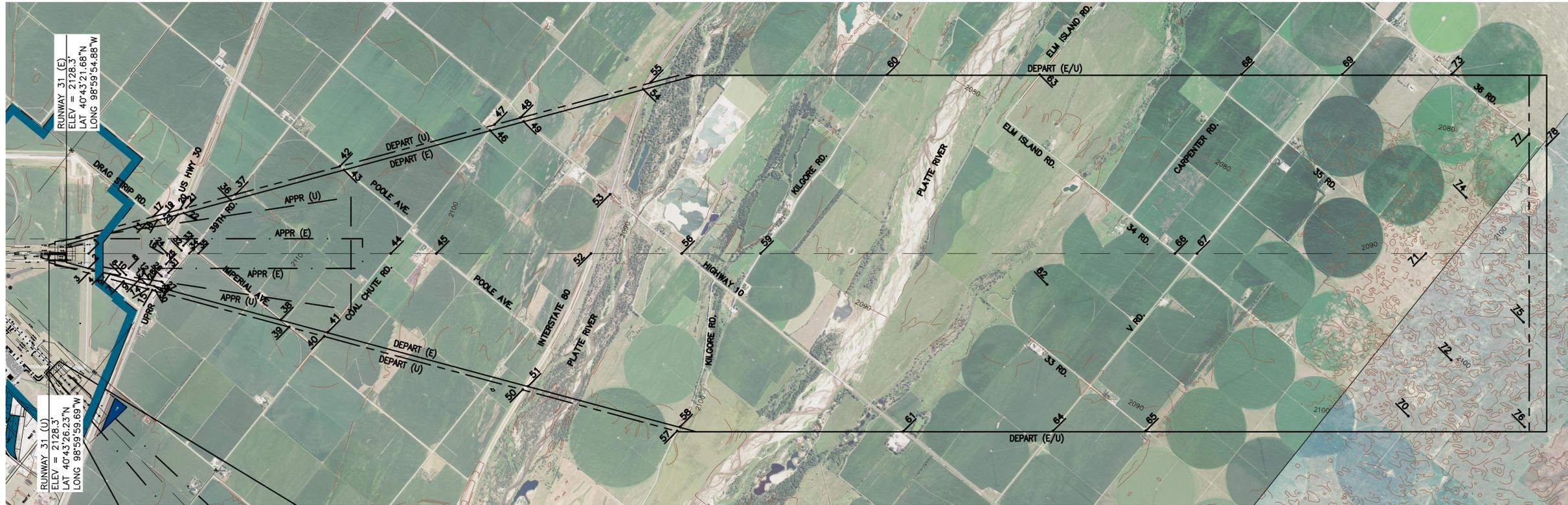
AIRPORT MASTER PLAN
KEARNEY REGIONAL AIRPORT (EAR)

KEARNEY

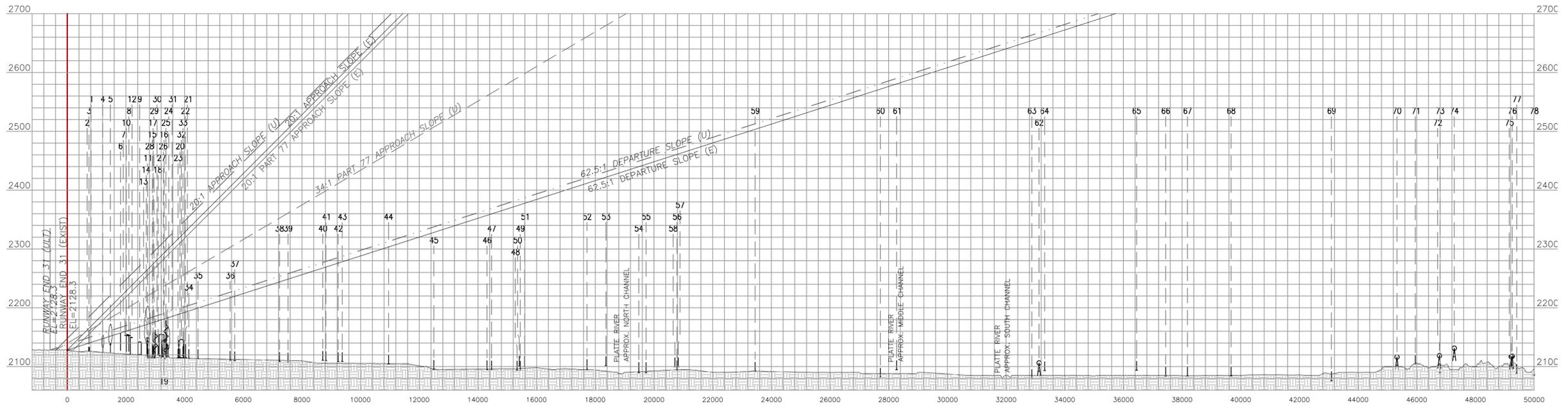
AIRPORT DEPARTURE SURFACES DRAWING
RUNWAY END 13

date APRIL-13
designed TMS
checked NRG
km no. 11.09231

SHEET 19



EXISTING/ULTIMATE RUNWAY 31 DEPARTURE SURFACE PLAN VIEW
SCALE: 1"=2,000'



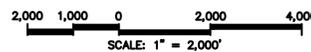
EXISTING/ULTIMATE RUNWAY 31 DEPARTURE SURFACE PROFILE VIEW
SCALE: 1"=2,000' (HORIZONTAL)
1"=200' (VERTICAL)

APPROACH/DEPARTURE SURFACE TABLE EXISTING AND ULTIMATE RUNWAY 31			
	RUNWAY TYPE	SLOPE	SLOPE
	EXISTING		ULTIMATE
APPROACH SURFACE	APPROACH END OF RUNWAYS EXPECTED TO SERVE LARGE AIRPLANES (VISUAL DAY/NIGHT); OR INSTRUMENT MINIMUMS GREATER THAN OR EQUAL TO 1 STATUTE MILE (DAY ONLY).	20:1	20:1
DEPARTURE SURFACE	DEPARTURE RUNWAY ENDS SUPPORTING AIR CARRIER OPERATIONS.	62.5:1	62.5:1

SOURCE: FAA AC 150/5300-13A, TABLE 3-2.

LEGEND

- EXISTING GRADE
- EXCAVATION
- EMBANKMENT
- EXISTING GRADE
- ULTIMATE GRADE



No.	REVISIONS	DATE
3	AIP 3-31-0045-032 Taxiway 'A' & Connecting TWs & AIP 3-31-0045-034 Terminal Parking Lot Expansion	02/22
2	AIP 3-31-0045-030/031 RW 18/36 Reconstruction	12/18
1	AIP 3-31-0045-025 (ARFF Facility)	12/14

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APPROACH/DEPARTURE SURFACE OBSTRUCTION TABLE
EXISTING AND ULTIMATE RUNWAY 13

ID NO.	OBJECT DESCRIPTION	OBJECT ELEVATION	AMOUNT OF PENETRATION		DISPOSITION OF OBJECT		AMOUNT OF PENETRATION		DISPOSITION OF OBJECT	
			DEPARTURE (EXIST)	DEPARTURE (ULT)	APPROACH (EXIST)	APPROACH (ULT)				
1	TAXIWAY 'A'	2129.2'	-7.8'	REMOVE	N/A	REMOVED	-7.8'	REMOVE	N/A	REMOVED
2E	EXISTING 7' FENCE	2135.1'	-4.0'	REMOVE	N/A	REMOVED	-4.0'	REMOVE	N/A	REMOVED
2U	ULTIMATE 9' FENCE	2138.0'	-20.1'	NONE	-1.1'	SAME	-20.1'	NONE	-13.9'	NONE
3E	EXISTING AIRPORT SERVICE ROAD	2138.6'	-19.4'	REMOVE	N/A	REMOVED	-19.4'	REMOVE	N/A	REMOVED
3U	ULTIMATE AIRPORT SERVICE ROAD	2139.5'	-19.2'	NONE	0.1'	SAME	-19.2'	NONE	-14.0'	NONE
4	POWER POLE	2156.7'	-14.9'	NONE	+4.2'	ADD LINE MARKER	N/A	N/A	N/A	N/A
5	POWER POLE	2156.7'	-18.3'	NONE	+0.8'	ADD LINE MARKER	-18.3'	NONE	-47.7'	NONE
6	POWER POLE	2165.2'	-6.1'	NONE	+13.0'	ADD LINE MARKER	-6.1'	NONE	-27.7'	NONE
7	POWER POLE	2164.5'	-11.7'	NONE	+7.4'	ADD LINE MARKER	-11.7'	NONE	-43.6'	NONE
8	POWER POLE	2160.0'	-16.2'	NONE	+2.9'	ADD LINE MARKER	-16.2'	NONE	-48.1'	NONE
9	POWER POLE	2164.6'	-17.1'	NONE	+2.0'	ADD LINE MARKER	-17.1'	NONE	-60.9'	NONE
10	POWER POLE	2157.9'	-26.1'	NONE	-7.0'	SAME	-26.1'	NONE	-74.6'	NONE
11	POWER POLE	2157.6'	-21.2'	NONE	-2.1'	SAME	-21.2'	NONE	-58.7'	NONE
12	POWER POLE	2152.1'	-23.9'	NONE	-4.8'	SAME	-23.9'	NONE	-55.4'	NONE
13	POWER POLE	2150.8'	-22.2'	NONE	-3.2'	SAME	-22.2'	NONE	-47.5'	NONE
14	POWER POLE	2161.2'	-7.6'	NONE	+11.5'	ADD LINE MARKER	N/A	N/A	N/A	N/A
15	ANTENNA	2152.6'	-13.9'	NONE	+5.2'	ADD LIGHT	N/A	N/A	N/A	N/A
16	CHERRY AVENUE	2147.0'	-72.0'	NONE	-52.9'	SAME	N/A	N/A	N/A	N/A
17	CHERRY AVENUE	2147.0'	-78.7'	NONE	-57.6'	SAME	N/A	N/A	N/A	N/A
18	E. 78TH STREET	2159.0'	-74.8'	NONE	-55.7'	SAME	N/A	N/A	N/A	N/A
19	E. 78TH STREET	2158.6'	-78.7'	NONE	-59.6'	SAME	N/A	N/A	N/A	N/A
20	CHERRY AVENUE	2153.0'	-101.8'	NONE	-82.7'	SAME	-101.8'	NONE	-300.7'	NONE
21	E. 78TH STREET	2154.8'	-105.6'	NONE	-86.5'	SAME	-105.6'	NONE	-316.6'	NONE
22	H-FRAME POWER POLE	2202.1'	-75.1'	NONE	-56.0'	SAME	N/A	N/A	N/A	N/A
23	H-FRAME POWER POLE	2210.7'	-78.8'	NONE	-56.8'	SAME	-75.9'	NONE	---	NONE
24	E. 78TH STREET	2159.0'	-137.7'	NONE	-118.6'	SAME	N/A	N/A	---	NONE
25	E. 78TH STREET	2162.4'	-140.0'	NONE	-120.9'	SAME	N/A	N/A	---	NONE
26	ANTELOPE AVENUE	2171.0'	-148.5'	NONE	-128.4'	SAME	N/A	N/A	---	NONE
27	ANTELOPE AVENUE	2163.7'	-160.5'	NONE	-141.4'	SAME	N/A	N/A	---	NONE
28	H-FRAME POWER POLE	2222.0'	-73.9'	NONE	-54.8'	SAME	N/A	N/A	-360.1'	NONE
29	H-FRAME POWER POLE	2217.6'	-88.2'	NONE	-69.1'	SAME	N/A	N/A	-395.5'	NONE
30	H-FRAME POWER POLE	2228.4'	-89.3'	NONE	-70.2'	SAME	N/A	N/A	N/A	N/A
31	H-FRAME POWER POLE	2190.9'	-145.8'	NONE	-126.8'	SAME	N/A	N/A	N/A	N/A
32	CHERRY AVENUE	2145.0'	-171.7'	NONE	-152.6'	SAME	N/A	N/A	N/A	N/A
33	E. 92ND STREET	2145.2'	-181.3'	NONE	-143.2'	SAME	N/A	N/A	N/A	N/A
34	CHERRY AVENUE	2145.4'	-180.6'	NONE	-161.5'	SAME	N/A	N/A	N/A	N/A
35	E. 92ND STREET	2147.0'	-222.3'	NONE	-203.3'	SAME	N/A	N/A	N/A	N/A
36	ANTELOPE AVENUE	2151.0'	-233.8'	NONE	-214.5'	SAME	N/A	N/A	N/A	N/A
37	N AVENUE	2155.0'	-284.8'	NONE	-245.7'	SAME	N/A	N/A	N/A	N/A
38	N AVENUE	2153.8'	-270.6'	NONE	-251.5'	SAME	N/A	N/A	N/A	N/A
39	E. 92ND STREET	2150.0'	-291.5'	NONE	-272.4'	SAME	N/A	N/A	N/A	N/A
40	E. 92ND STREET	2153.8'	-281.7'	NONE	-252.6'	SAME	N/A	N/A	N/A	N/A
41	TOWER	2174.3'	-261.3'	NONE	-242.2'	SAME	N/A	N/A	N/A	N/A
42	H-FRAME POWER POLE	2243.1'	-216.9'	NONE	-197.8'	SAME	N/A	N/A	N/A	N/A
43	115TH ROAD	2195.0'	-282.0'	NONE	-243.0'	SAME	N/A	N/A	N/A	N/A
44	115TH ROAD	2195.0'	-265.6'	NONE	-246.5'	SAME	N/A	N/A	N/A	N/A
45	ANTELOPE AVENUE	2175.0'	-333.3'	NONE	-314.2'	SAME	N/A	N/A	N/A	N/A
46	N AVENUE	2215.0'	-307.1'	NONE	-288.0'	SAME	N/A	N/A	N/A	N/A
47	115TH ROAD	2215.0'	-317.4'	NONE	-298.3'	SAME	N/A	N/A	N/A	N/A
48	HIGHWAY 10	2189.3'	-348.6'	NONE	-329.3'	SAME	N/A	N/A	N/A	N/A
49	115TH ROAD	2198.7'	-410.7'	NONE	-391.6'	SAME	N/A	N/A	N/A	N/A
50	H-FRAME POWER POLE	2283.0'	-292.3'	NONE	-273.2'	SAME	N/A	N/A	N/A	N/A
51	130TH ROAD	2215.0'	-348.3'	NONE	-329.3'	SAME	N/A	N/A	N/A	N/A
52	H-FRAME POWER POLE	2270.0'	-336.5'	NONE	-317.5'	SAME	N/A	N/A	N/A	N/A
53	HAWK ROAD	2225.0'	-418.1'	NONE	-399.0'	SAME	N/A	N/A	N/A	N/A
54	130TH ROAD	2202.3'	-438.6'	NONE	-419.5'	SAME	N/A	N/A	N/A	N/A
55	HIGHWAY 10	2187.9'	-470.8'	NONE	-451.7'	SAME	N/A	N/A	N/A	N/A
56	17TH AVENUE	2215.0'	-457.9'	NONE	-438.8'	SAME	N/A	N/A	N/A	N/A
57	130TH ROAD	2225.0'	-492.0'	NONE	-472.9'	SAME	N/A	N/A	N/A	N/A
58	145TH ROAD	2235.0'	-436.3'	NONE	-417.2'	SAME	N/A	N/A	N/A	N/A
59	145TH ROAD	2227.6'	-521.1'	NONE	-502.1'	SAME	N/A	N/A	N/A	N/A
60	YDC ROAD	2239.1'	-570.1'	NONE	-551.1'	SAME	N/A	N/A	N/A	N/A
61	145TH ROAD	2225.0'	-600.7'	NONE	-581.6'	SAME	N/A	N/A	N/A	N/A
62	GROVE ROAD	2255.0'	-541.0'	NONE	-521.9'	SAME	N/A	N/A	N/A	N/A
63	HIGHWAY 10	2245.0'	-535.9'	NONE	-516.9'	SAME	N/A	N/A	N/A	N/A
64	160TH ROAD	2269.4'	-588.0'	NONE	-569.0'	SAME	N/A	N/A	N/A	N/A
65	175TH ROAD	2256.4'	-632.2'	NONE	-613.1'	SAME	N/A	N/A	N/A	N/A
66	GROVE ROAD	2275.0'	-841.8'	NONE	-822.7'	SAME	N/A	N/A	N/A	N/A
67	175TH ROAD	2255.0'	-673.4'	NONE	-654.3'	SAME	N/A	N/A	N/A	N/A
68	YDC ROAD	2267.1'	-663.2'	NONE	-644.1'	SAME	N/A	N/A	N/A	N/A
69	175TH ROAD	2275.0'	-869.3'	NONE	-850.2'	SAME	N/A	N/A	N/A	N/A
70	YDC ROAD	2270.5'	-677.0'	NONE	-657.9'	SAME	N/A	N/A	N/A	N/A
71	GREEN HILL ROAD	2288.0'	-676.3'	NONE	-657.2'	SAME	N/A	N/A	N/A	N/A

APPROACH/DEPARTURE SURFACE OBSTRUCTION TABLE
EXISTING AND ULTIMATE RUNWAY 31

ID NO.	OBJECT DESCRIPTION	OBJECT ELEVATION	AMOUNT OF PENETRATION		DISPOSITION OF OBJECT		AMOUNT OF PENETRATION		DISPOSITION OF OBJECT	
			DEPARTURE (EXIST)	DEPARTURE (ULT)	APPROACH (EXIST)	APPROACH (ULT)				
1	7' FENCE	2133.3'	-7.0'	NONE	-16.4'	NONE	-32.4'	NONE	-52.0'	NONE
2	7' FENCE	2133.3'	-6.8'	NONE	-16.3'	NONE	-31.8'	NONE	-51.4'	NONE
3	7' FENCE	2133.3'	-6.9'	NONE	-16.3'	NONE	N/A	N/A	N/A	N/A
4	TREE	2153.7'	+6.1'	REMOVE	-3.4'	REMOVED	N/A	N/A	N/A	N/A
5	TREE	2172.4'	+20.6'	REMOVE	+11.2'	REMOVED	-29.4'	NONE	-49.0'	NONE
6	STOCKPILE W/ AUGER	2156.8'	-0.5'	NONE	-10.0'	NONE	-62.2'	NONE	-81.7'	NONE
7	POWER POLE	2154.3'	-6.2'	NONE	-15.6'	NONE	N/A	N/A	N/A	N/A
8	POWER POLE	2154.3'	-7.7'	NONE	-17.1'	NONE	-79.1'	NONE	-98.6'	NONE
9	BUILDING	2142.5'	-25.3'	NONE	-34.8'	NONE	N/A	N/A	N/A	N/A
10	LIGHT POLE	2155.0'	-29.5'	NONE	-15.0'	NONE	N/A	N/A	-93.5'	NONE
11	TREE	2202.9'	+30.9'	REMOVE	+21.4'	REMOVED	N/A	N/A	N/A	N/A
12	LIGHT POLE	2150.4'	-22.5'	NONE	-31.8'	NONE	N/A	N/A	-136.8'	NONE
13	LIGHT POLE	2149.4'	-22.3'	NONE	-31.8'	NONE	N/A	N/A	N/A	N/A
14	US HIGHWAY 30	2130.2'	-42.2'	NONE	-51.7'	NONE	N/A	N/A	N/A	N/A
15	UNION PACIFIC RAILROAD	2138.0'	-36.7'	NONE	-46.2'	NONE	N/A	N/A	N/A	N/A
16	US HIGHWAY 30	2132.2'	-48.0'	NONE	-57.5'	NONE	-158.3'	NONE	-177.8'	NONE
17	DRAG STRIP ROAD	2135.0'	-40.1'	NONE	-49.5'	NONE	N/A	N/A	N/A	N/A
18	DRAG STRIP ROAD	2135.0'	-42.9'	NONE	-52.3'	NONE	N/A	N/A	N/A	N/A
19	BUILDING	2145.1'	-36.0'	NONE	-45.4'	NONE	N/A	N/A	N/A	N/A
20	US HIGHWAY 30	2130.0'	-59.8'	NONE	-69.2'	NONE	N/A	N/A	N/A	N/A
21	UNION PACIFIC RAILROAD	2138.0'	-54.9'	NONE	-64.3'	NONE	N/A	N/A	N/A	N/A
22	UNION PACIFIC RAILROAD	2138.0'	-53.7'	NONE	-63.1'	NONE	N/A	N/A	N/A	N/A
23	US HIGHWAY 30	2130.0'	-58.7'	NONE	-68.1'	NONE	N/A	N/A	N/A	N/A
24	UNION PACIFIC RAILROAD	2139.0'	-43.7'	NONE	-53.2'	NONE	-159.3'	NONE	-178.8'	NONE
25	ELEVATOR TOWER	2178.2'	-3.9'	NONE	-13.4'	NONE	-118.3'	NONE	-137.8'	NONE
26	STORAGE TANK	2154.8'	-24.9'	NONE	-34.4'	NONE	-134.2'	NONE	-153.7'	NONE
27	ANTENNA	2146.4'	-33.2'	NONE	-42.7'	NONE	-142.3'	NONE	-161.8'	NONE
28	US HIGHWAY 30	2130.4'	-42.8'	NONE	-52.2'	NONE	N/A	N/A	N/A	N/A
29	UNION PACIFIC RAILROAD	2138.0'	-37.6'	NONE	-47.1'	NONE	N/A	N/A	N/A	N/A
30	ELEVATOR TOWER	2161.9'	-14.4'	NONE	-23.9'	NONE	N/A	N/A	N/A	N/A
31	TREE	2166.3'	-17.0'	NONE	-26.5'	NONE	-133.9'	NONE	-153.4'	NONE
32	BUILDING	2146.5'	-44.0'	NONE	-53.4'	NONE	-176.2'	NONE	-195.7'	NONE
33	BUILDING	2134.3'	-57.1'	NONE	-66.6'	NONE	-191.2'	NONE	-210.7'	NONE
34	39TH ROAD	2129.4'	-65.2'	NONE	-74.7'	NONE	-206.1'	NONE	-225.7'	NONE
35	IMPERIAL ROAD	2128.8'	-70.8'	NONE	-80.2'	NONE	-222.3'	NONE	-241.8'	NONE
36	39TH ROAD	2128.1'	-91.0'	NONE	-100.5'	NONE	N/A	N/A	N/A	N/A
37	39TH ROAD	2125.3'	-94.3'	NONE	-103.8'	NONE	N/A	N/A	N/A	N/A
38	IMPERIAL ROAD	2124.0'	-120.0'	NONE	-129.5'	NONE	N/A	N/A	N/A	N/A
39	IMPERIAL ROAD	2123.0'	-125.7'	NONE	-135.1'	NONE	N/A	N/A	N/A	N/A
40	COAL CHUTE ROAD	2128.0'	-141.7'	NONE	-151.1'	NONE	N/A	N/A	N/A	N/A
41	COAL CHUTE ROAD	2125.5'	-143.9'	NONE	-153.3'	NONE	N/A	N/A	N/A	N/A
42	POOLE AVENUE	2123.8'	-152.2'	NONE	-161.7'	NONE	N/A	N/A	N/A	N/A
43	POOLE AVENUE	2123.9'	-154.4'	NONE	-163.8'	NONE	N/A	N/A	N/A	N/A
44	COAL CHUTE ROAD									