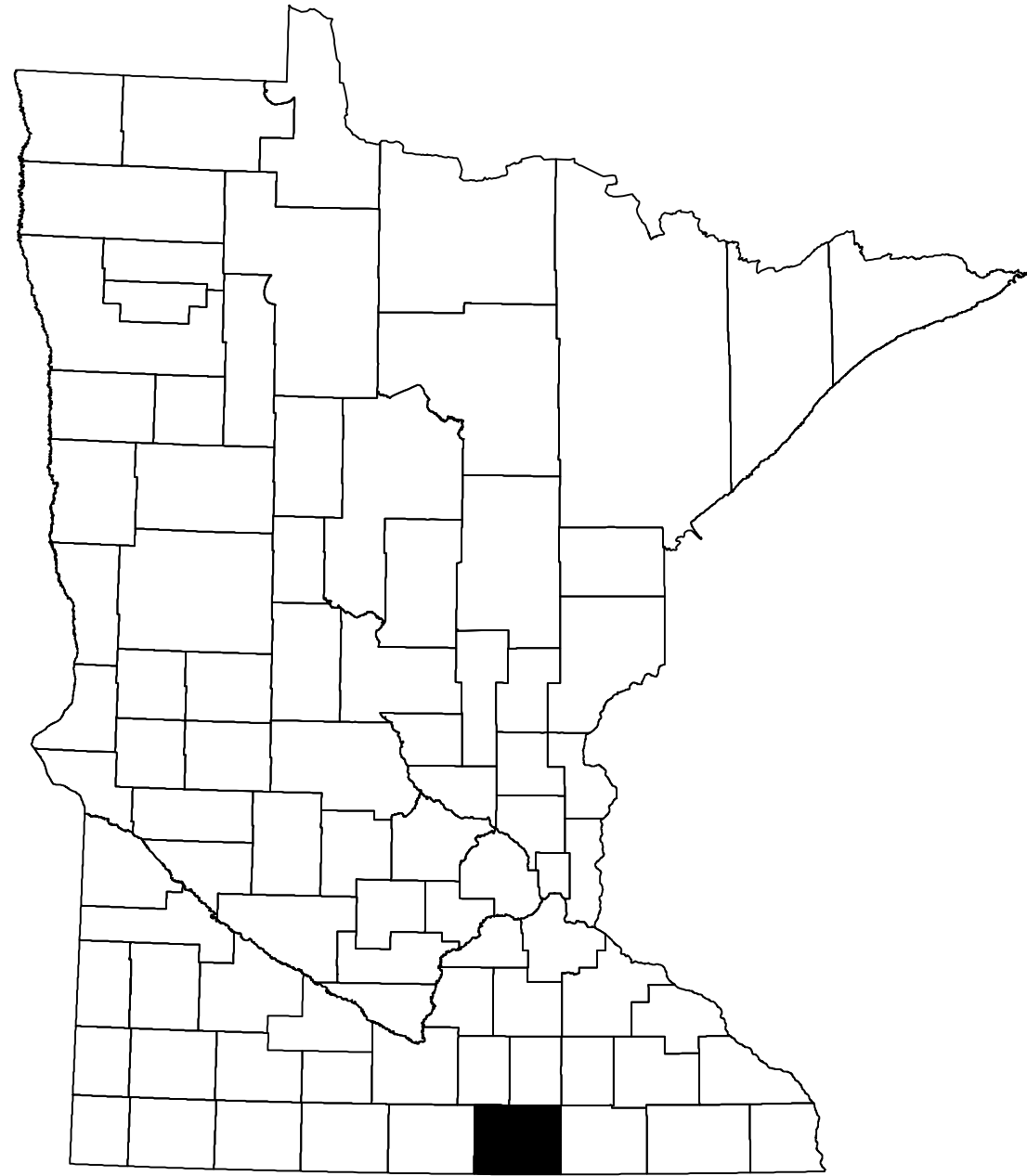
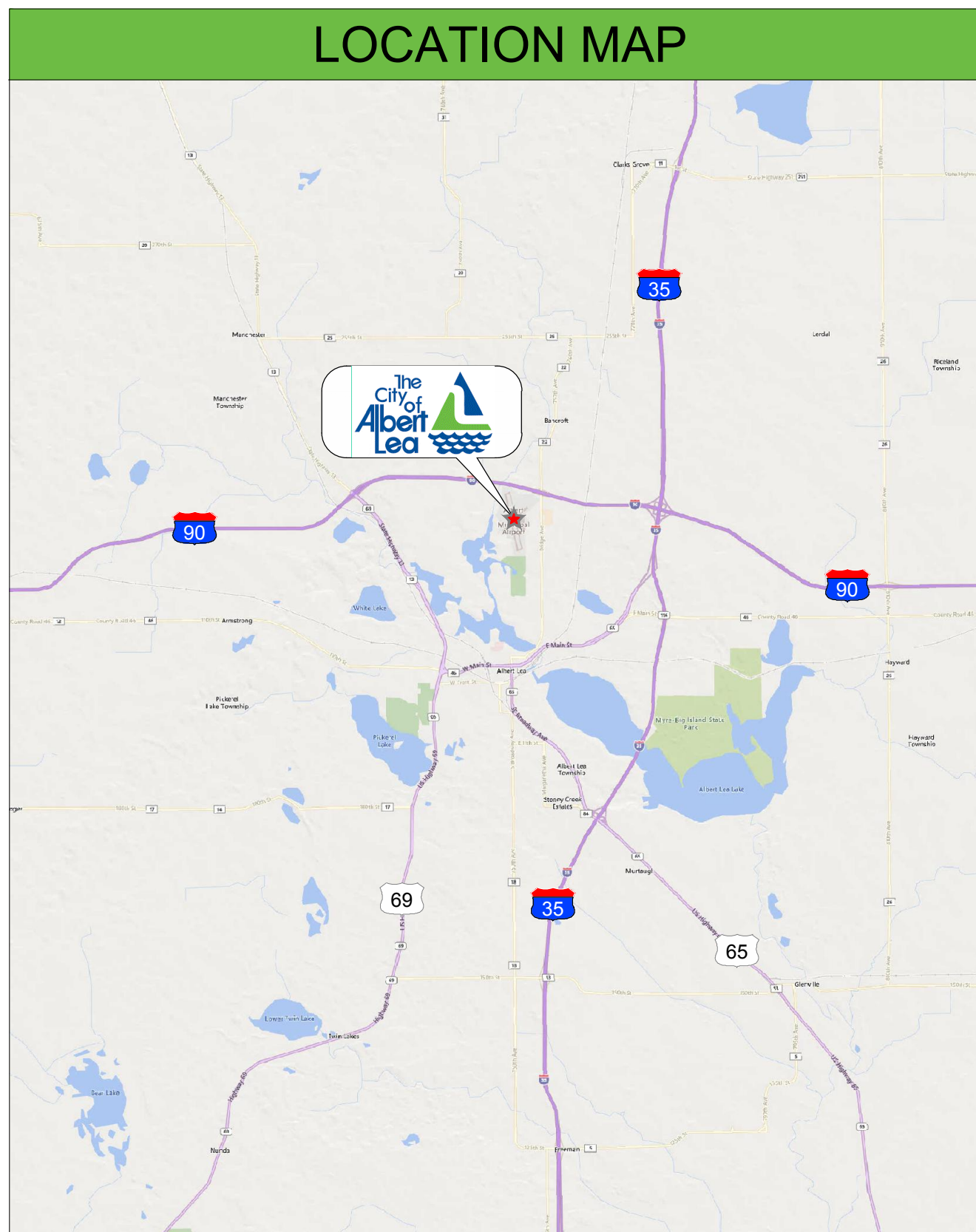


ALBERT LEA MUNICIPAL AIRPORT (AEL)

CITY OF ALBERT LEA
 221 E CLARK STREET
 ALBERT LEA, MN 56007
 AIP NO.: 3-53-0052-018-2016



FREEBORN COUNTY



SHEET INDEX		
NUMBER	DESCRIPTION	REVISION
1	TITLE SHEET	
2	AIRPORT DATA SHEET	
3	AIRPORT LAYOUT PLAN DRAWING - EXISTING	
4	AIRPORT LAYOUT PLAN DRAWING - ULTIMATE	
5	AIRPORT AIRSPACE DRAWING - CONICAL SURFACE	
6	AIRPORT AIRSPACE DRAWING - RUNWAY 17-35 PROFILE	
7	AIRPORT AIRSPACE DRAWING - RUNWAY 5-23 PROFILE	
8	INNER PORTION OF THE APPROACH SURFACE DRAWING - EX & ULT 5	
9	INNER PORTION OF THE APPROACH SURFACE DRAWING - EXISTING 23	
10	INNER PORTION OF THE APPROACH SURFACE DRAWING - ULTIMATE 23	
11	INNER PORTION OF THE APPROACH SURFACE DRAWING - EX & ULT 17	
12	INNER PORTION OF THE APPROACH SURFACE DRAWING - EXISTING 35	
13	RUNWAY DEPARTURE SURFACE DRAWING - EXISTING 17-35	
14	RUNWAY DEPARTURE SURFACE DRAWING - FUTURE 17	
15	RUNWAY DEPARTURE SURFACE DRAWING - ULTIMATE 17	
16	TERMINAL AREA DRAWING - EXISTING	
17	TERMINAL AREA DRAWING - ULTIMATE	
18	LAND USE DRAWING	
19	AIRPORT PROPERTY MAP	

ALBERT LEA MUNICIPAL AIRPORT

APPROVED BY: _____ DATE: _____

TITLE: _____

Federal Aviation Administration

CONDITIONALLY APPROVED

Subject to the comments in letter dated below:

Federal Aviation Administration

mi DEPARTMENT OF TRANSPORTATION AERONAUTICS

CONDITIONALLY APPROVED

NAME: _____ DATE: _____

Regional Engineer / Representative

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NOTES:

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- ALL LAT/LONG COORDINATES ARE NAD 83 AND NAVD 88.

Mead & Hunt
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 Suite 980
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 meadhunt.com

The City of Albert Lea

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ALBERT LEA MUNICIPAL AIRPORT
 CITY OF ALBERT LEA
 221 E CLARK STREET
 ALBERT LEA, MN 56007

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SHEET CONTENTS

TITLE SHEET

SHEET NO.

1

ALBERT LEA MUNICIPAL AIRPORT CITY OF ALBERT LEA

221 E CLARK STREET
ALBERT LEA, MN 56007

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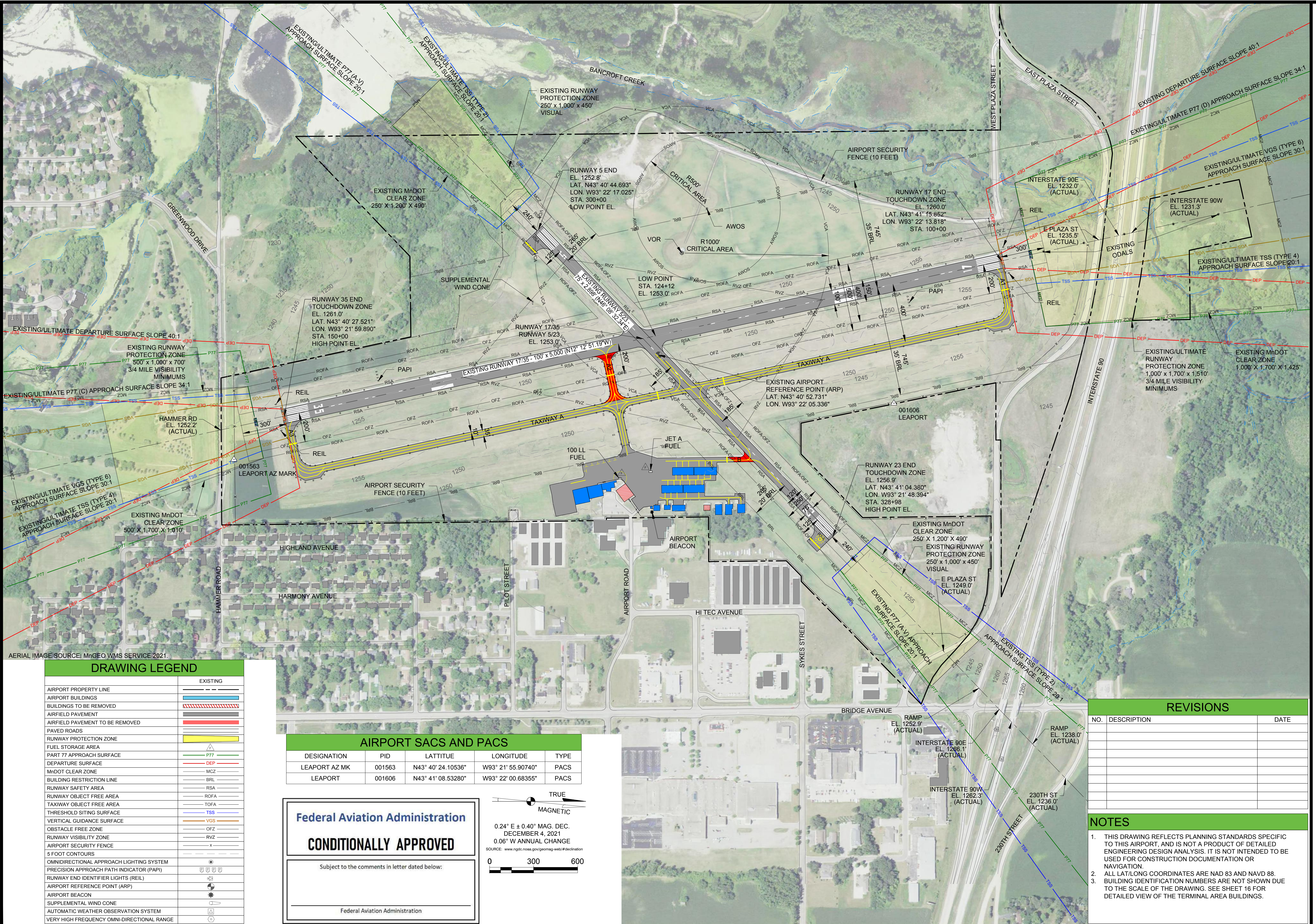
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SHEET CONTENTS
AIRPORT LAYOUT
PLAN DRAWING -
EXISTING

SHEET NO.



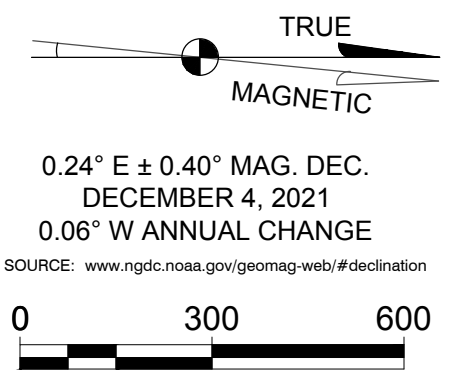
DRAWING LEGEND

EXISTING	
AIRPORT PROPERTY LINE	---
AIRPORT BUILDINGS	[Symbol]
BUILDINGS TO BE REMOVED	[Symbol]
AIRFIELD PAVEMENT	[Symbol]
AIRFIELD PAVEMENT TO BE REMOVED	[Symbol]
PAVED ROADS	[Symbol]
RUNWAY PROTECTION ZONE	[Symbol]
FUEL STORAGE AREA	[Symbol]
PART 77 APPROACH SURFACE	[Symbol]
DEPARTURE SURFACE	[Symbol]
MNDOT CLEAR ZONE	[Symbol]
BUILDING RESTRICTION LINE	[Symbol]
RUNWAY SAFETY AREA	[Symbol]
RUNWAY OBJECT FREE AREA	[Symbol]
TAXIWAY OBJECT FREE AREA	[Symbol]
THRESHOLD SITING SURFACE	[Symbol]
VERTICAL GUIDANCE SURFACE	[Symbol]
OBSTACLE FREE ZONE	[Symbol]
RUNWAY VISIBILITY ZONE	[Symbol]
AIRPORT SECURITY FENCE	[Symbol]
5 FOOT CONTOURS	[Symbol]
OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM	[Symbol]
PRECISION APPROACH PATH INDICATOR (PAPI)	[Symbol]
RUNWAY END IDENTIFIER LIGHTS (REIL)	[Symbol]
AIRPORT REFERENCE POINT (ARP)	[Symbol]
AIRPORT BEACON	[Symbol]
SUPPLEMENTAL WIND CONE	[Symbol]
AUTOMATIC WEATHER OBSERVATION SYSTEM	[Symbol]
VERY HIGH FREQUENCY OMNI-DIRECTIONAL RANGE	[Symbol]

AIRPORT SACS AND PACS

DESIGNATION	PID	LATTITUDE	LONGITUDE	TYPE
LEAPORT AZ MK	001563	N43° 40' 24.10536"	W93° 21' 55.90740"	PACS
LEAPORT	001606	N43° 41' 08.53280"	W93° 22' 00.68355"	PACS

Federal Aviation Administration
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Federal Aviation Administration



REVISIONS

NO.	DESCRIPTION	DATE

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- BUILDING IDENTIFICATION NUMBERS ARE NOT SHOWN DUE TO THE SCALE OF THE DRAWING. SEE SHEET 16 FOR DETAILED VIEW OF THE TERMINAL AREA BUILDINGS.

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ALBERT LEA MUNICIPAL AIRPORT CITY OF ALBERT LEA

221 E CLARK STREET
ALBERT LEA, MN 56007

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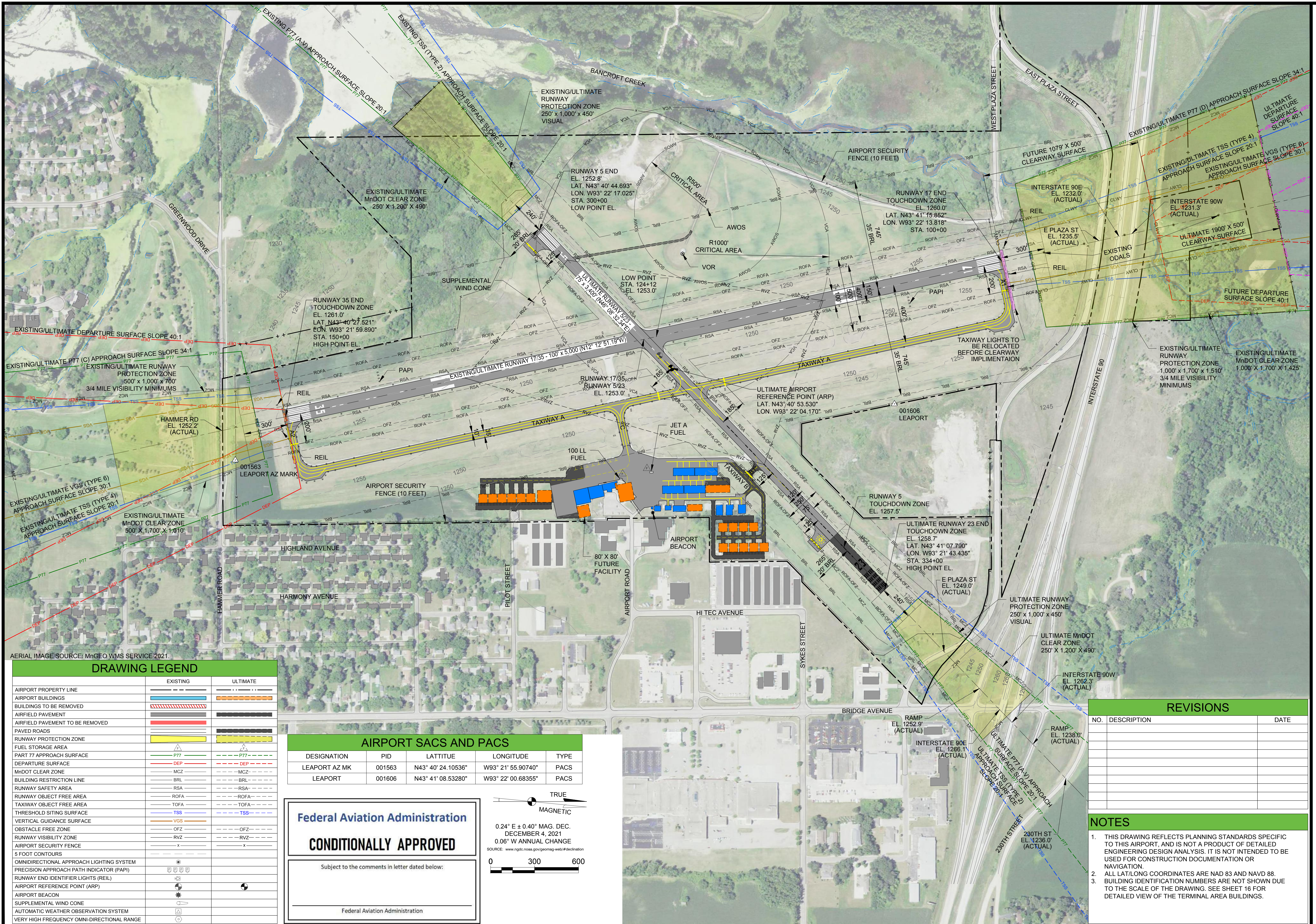
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SHEET CONTENTS
AIRPORT LAYOUT
PLAN DRAWING -
ULTIMATE

SHEET NO.



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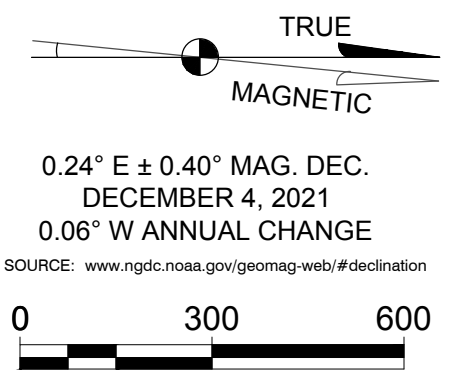
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	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	---	---
AIRPORT BUILDINGS	---	---
BUILDINGS TO BE REMOVED	---	---
AIRFIELD PAVEMENT	---	---
AIRFIELD PAVEMENT TO BE REMOVED	---	---
PAVED ROADS	---	---
RUNWAY PROTECTION ZONE	---	---
FUEL STORAGE AREA	---	---
PART 77 APPROACH SURFACE	P77	P77
DEPARTURE SURFACE	DEP	DEP
MNDOT CLEAR ZONE	MCZ	MCZ
BUILDING RESTRICTION LINE	BRL	BRL
RUNWAY SAFETY AREA	RSA	RSA
RUNWAY OBJECT FREE AREA	ROFA	ROFA
TAXIWAY OBJECT FREE AREA	TOFA	TOFA
THRESHOLD SITING SURFACE	TSS	TSS
VERTICAL GUIDANCE SURFACE	VGS	VGS
OBSTACLE FREE ZONE	OFZ	OFZ
RUNWAY VISIBILITY ZONE	RVZ	RVZ
AIRPORT SECURITY FENCE	X	X
5 FOOT CONTOURS	---	---
OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM	---	---
PRECISION APPROACH PATH INDICATOR (PAPI)	---	---
RUNWAY END IDENTIFIER LIGHTS (REIL)	---	---
AIRPORT REFERENCE POINT (ARP)	---	---
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Federal Aviation Administration
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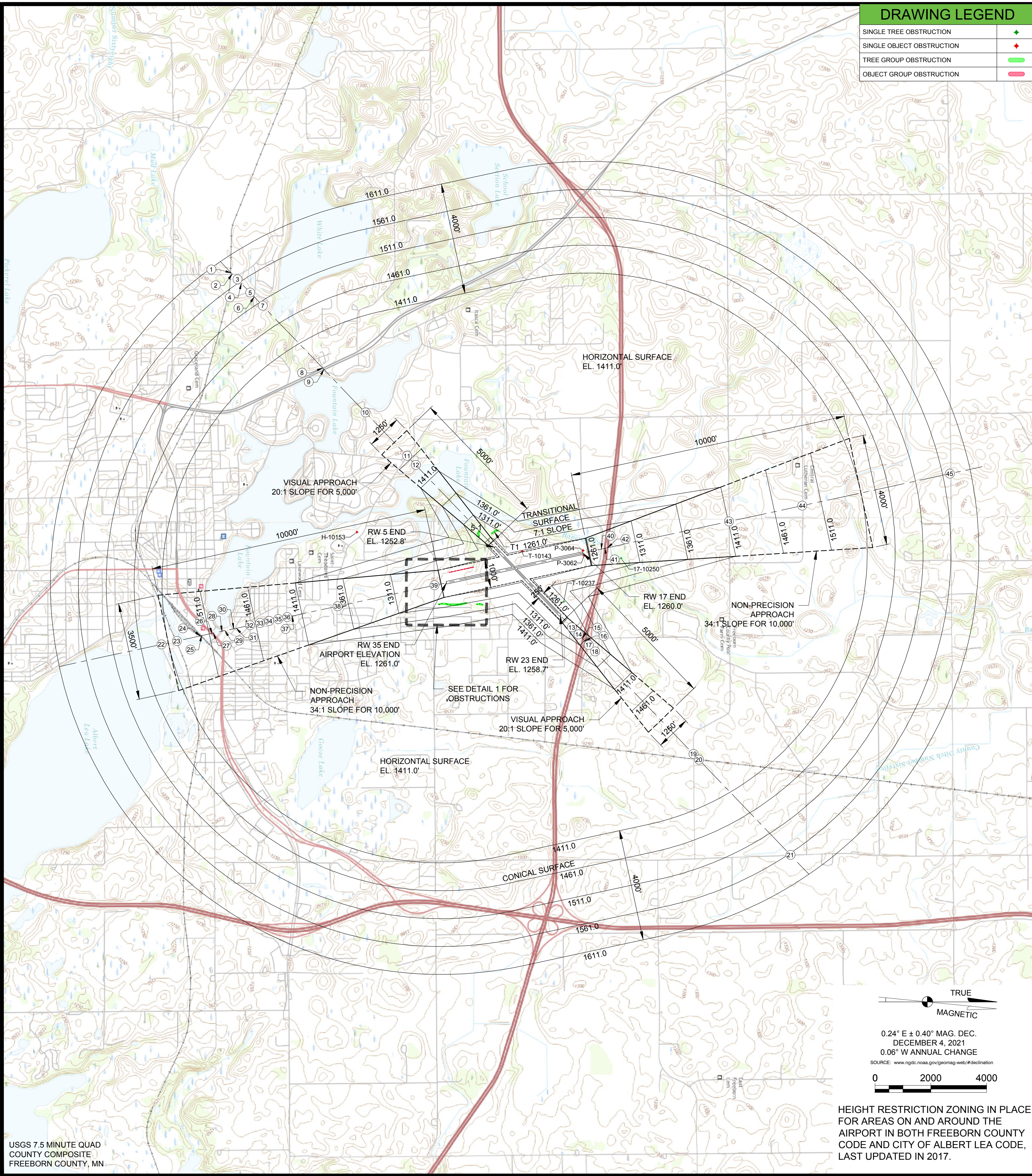
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USGS 7.5 MINUTE QUAD
COUNTY COMPOSITE
FREEBORN COUNTY, MN

SIGNIFICANT OBJECTS IN APPROACHES (ROADS, RAILROADS, RIVERS)

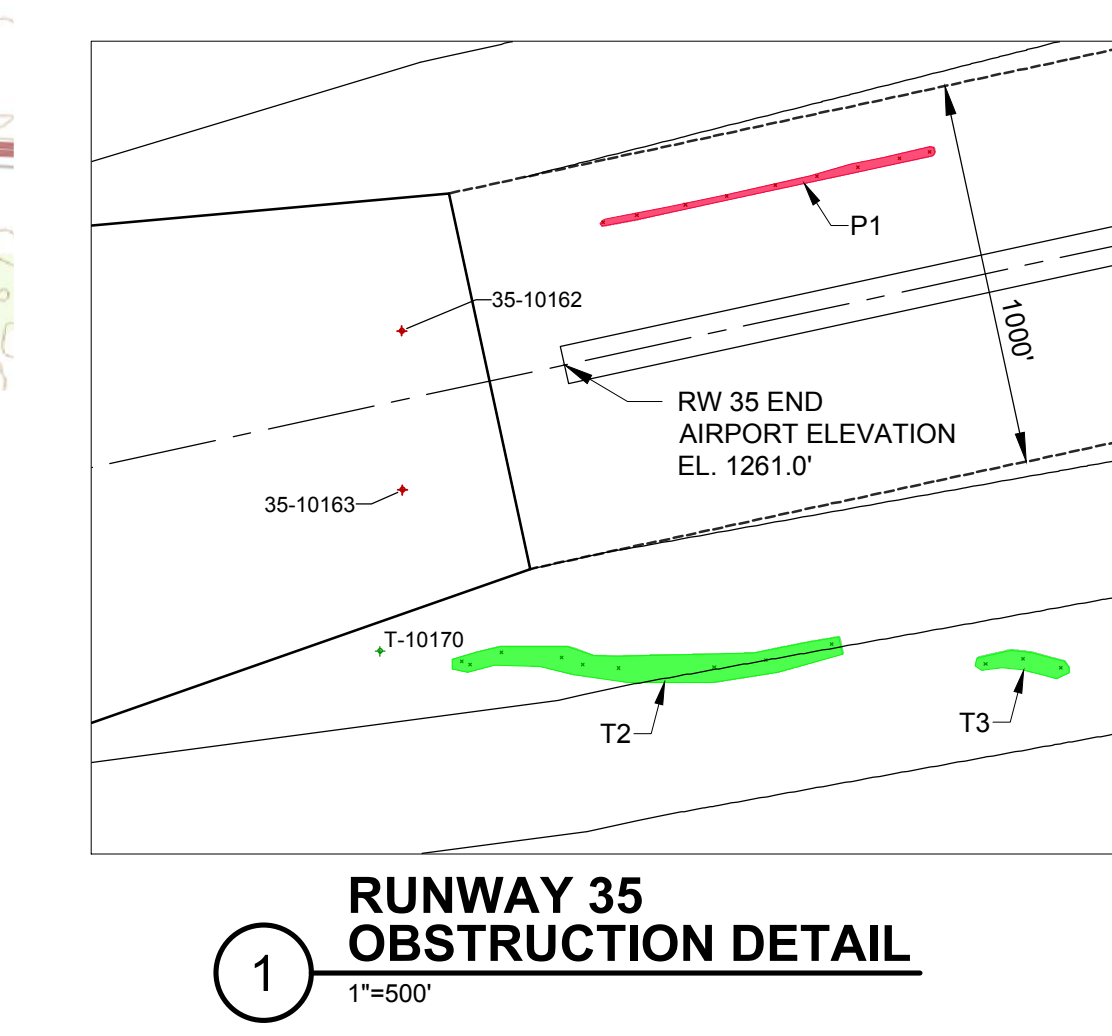
ITEM	OBJECT NAME	ELEVATION	AGL	PENETRATION	SURFACE	DISPOSITION	TRIGGERING EVENT
1	RAILROAD	1261.0	23	-299.6	CONICAL	TO REMAIN	N/A
2	LAKE CHAPEAU DR	1262.0	15	-303.8	CONICAL	TO REMAIN	N/A
3	MILROSE CI	1260.0	15	-292.5	CONICAL	TO REMAIN	N/A
4	MILROSE CI	1256.0	15	-286.7	CONICAL	TO REMAIN	N/A
5	MEADOW LN	1251.0	15	-269.3	CONICAL	TO REMAIN	N/A
6	SUNSET ST	1246.0	15	-263.8	CONICAL	TO REMAIN	N/A
7	MEADOW LN	1255.0	15	-233.2	CONICAL	TO REMAIN	N/A
8	STATE HWY 13 SB	1237.0	15	-159.0	HORIZONTAL	TO REMAIN	N/A
9	STATE HWY 13 NB	1237.0	15	-159.0	HORIZONTAL	TO REMAIN	N/A
10	EDGEWATER DR	1233.0	15	-163.0	HORIZONTAL	TO REMAIN	N/A
11	W RICHWAY DR	1254.0	15	-200.8	RUNWAY 5 APPROACH	TO REMAIN	N/A
12	WILBY RD	1232.0	15	-200.1	RUNWAY 5 APPROACH	TO REMAIN	N/A
13	E PLAZA ST	1249.0	15	-14.0	RUNWAY 23 APPROACH	TO REMAIN	N/A
14	RAMP	1252.9	15	-27.5	RUNWAY 23 APPROACH	TO REMAIN	N/A
15	INTERSTATE 90 E	1266.1	17	-22.2	RUNWAY 23 APPROACH	TO REMAIN	N/A
16	INTERSTATE 90 W	1262.3	17	-32.2	RUNWAY 23 APPROACH	TO REMAIN	N/A
17	RAMP	1238.0	15	-88.7	RUNWAY 23 APPROACH	TO REMAIN	N/A
18	230TH ST	1236.0	15	-87.0	RUNWAY 23 APPROACH	TO REMAIN	N/A
19	240TH ST	1274.0	15	-122.0	HORIZONTAL	TO REMAIN	N/A
20	RAILROAD	1274.0	23	-114.0	HORIZONTAL	TO REMAIN	N/A
21	770TH AVE	1259.0	15	-289.8	CONICAL	TO REMAIN	N/A
22	E FRONT ST	1218.0	15	-191.1	CONICAL	TO REMAIN	N/A
23	RAILROAD	1215.0	23	-308.2	RUNWAY 35 APPROACH	TO REMAIN	N/A
24	RAILROAD	1220.0	23	-277.8	RUNWAY 35 APPROACH	TO REMAIN	N/A
25	RAILROAD	1221.0	23	-275.4	RUNWAY 35 APPROACH	TO REMAIN	N/A
26	E MAIN ST E	1220.0	15	-273.0	RUNWAY 35 APPROACH	TO REMAIN	N/A
27	E MAIN ST W	1220.0	15	-271.7	RUNWAY 35 APPROACH	TO REMAIN	N/A
28	WILSON ST	1221.0	15	-261.3	RUNWAY 35 APPROACH	TO REMAIN	N/A
29	BRIDGE AVE	1222.0	15	-257.2	RUNWAY 35 APPROACH	TO REMAIN	N/A
30	ALBERT LEA ST	1221.0	15	-248.6	RUNWAY 35 APPROACH	TO REMAIN	N/A
31	RUBLE AVE	1225.0	15	-241.9	RUNWAY 35 APPROACH	TO REMAIN	N/A
32	JOHNSON ST	1231.0	15	-221.3	RUNWAY 35 APPROACH	TO REMAIN	N/A
33	HOPE LN	1244.0	15	-197.4	RUNWAY 35 APPROACH	TO REMAIN	N/A
34	SHERIDAN ST	1242.0	15	-189.6	RUNWAY 35 APPROACH	TO REMAIN	N/A
35	GILES PL	1230.0	15	-191.7	RUNWAY 35 APPROACH	TO REMAIN	N/A
36	E HAWTHORNE ST	1236.0	15	-176.1	RUNWAY 35 APPROACH	TO REMAIN	N/A
37	HOFFMAN ST	1238.0	15	-168.4	RUNWAY 35 APPROACH	TO REMAIN	N/A
38	E RICHWAY DR	1246.0	15	-111.7	RUNWAY 35 APPROACH	TO REMAIN	N/A
39	HAMMER RD	1252.2	15	-1.0	RUNWAY 35 APPROACH	TO REMAIN	N/A
40	E PLAZA ST	1235.5	15	-23.5	RUNWAY 17 APPROACH	TO REMAIN	N/A
41	INTERSTATE 90 E	1232.0	17	-29.2	RUNWAY 17 APPROACH	TO REMAIN	N/A
42	INTERSTATE 90 W	1231.3	17	-32.5	RUNWAY 17 APPROACH	TO REMAIN	N/A
43	240TH ST	1245.0	15	-151.8	RUNWAY 17 APPROACH	TO REMAIN	N/A
44	245TH ST	1254.0	15	-221.9	RUNWAY 17 APPROACH	TO REMAIN	N/A
45	255TH ST	1289.0	15	-270.1	CONICAL	TO REMAIN	N/A

PART 77 OBJECT OBSTRUCTIONS

ID#	DESCRIPTION	LATITUDE	LONGITUDE	ELEVATION	PENETRATION	SURFACE	DISPOSITION	TRIGGERING EVENT
35-10162	TOP OF LIGHT HOUSING	N43° 40' 23.34"	W93° 22' 01.14"	1268.6	0.9	RUNWAY 35 APPROACH	TO BE LOWERED	EXISTING APPROACH SLOPE
35-10163	TOP OF LIGHT HOUSING	N43° 40' 23.33"	W93° 21' 55.50"	1271.3	0.8	RUNWAY 35 APPROACH	TO BE LOWERED	EXISTING APPROACH SLOPE
H-10153	WATER TOWER ANTIENNA	N43° 39' 55.91"	W93° 22' 24.81"	1422.2	11.2	HORIZONTAL	TO REMAIN	NA
P1	TOP OF FENCE	N43° 40' 32.97"	W93° 22' 06.20"	1259.1 TO 1261.5	0.1 TO 3.7	PRIMARY	TO BE RELOCATED	EXISTING PRIMARY SURFACE
P-3062	TOP OF REIL	N43° 41' 16.28"	W93° 22' 12.68"	1261.8	1.8	PRIMARY	TO REMAIN	NA
P-3064	TOP OF REIL	N43° 41' 15.91"	W93° 22' 15.10"	1261.9	1.9	PRIMARY	TO REMAIN	NA
T-10143	VOR	N43° 40' 54.36"	W93° 22' 14.82"	1280.8	25.2	TRANSITIONAL	TO REMAIN	NA

PART 77 TREE OBSTRUCTIONS

ID#	DESCRIPTION	LATITUDE	LONGITUDE	TOP ELEVATION	PENETRATION	SURFACE	DISPOSITION	TRIGGERING EVENT
5-1	TREETOPS	N43° 40' 39.01"	W93° 22' 24.63"	1281.1 TO 1286.3	0.3 TO 5.6	RUNWAY 5 APPROACH	TO BE TRIMMED OR REMOVED	1-5 YEARS
17-10250	TREE	N43° 41' 29.35"	W93° 22' 11.17"	1293.7	1.4	RUNWAY 17 APPROACH	TO BE TRIMMED OR REMOVED	1-5 YEARS
T1	TREETOPS	N43° 40' 45.32"	W93° 22' 25.22"	1281.6 TO 1317.8	0.1 TO 10.2	TRANSITIONAL	TO BE TRIMMED OR REMOVED	1-5 YEARS
T2	TREETOPS	N43° 40' 28.85"	W93° 21' 49.14"	1317.8 TO 1344.9	6.9 TO 36.2	TRANSITIONAL	TO BE TRIMMED OR REMOVED	1-5 YEARS
T3	TREETOPS	N43° 40' 39.25"	W93° 21' 49.37"	1329.4 TO 1347.1	2.5 TO 13.8	TRANSITIONAL	TO BE TRIMMED OR REMOVED	1-5 YEARS
T-10170	TREE	N43° 40' 22.72"	W93° 21' 49.80"	1306.1	22.1	TRANSITIONAL	TO BE TRIMMED OR REMOVED	1-5 YEARS
T-10237	TREE	N43° 41' 09.02"	W93° 21' 50.25"	1307.7	5.7	TRANSITIONAL	TO BE TRIMMED OR REMOVED	1-5 YEARS



REVISIONS AND NOTES

NO.	DESCRIPTION	DATE

NOTES:

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- ELEVATION DATA FOR OBSTRUCTIONS IS NAVD88.
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Mead & Hunt
Mead and Hunt, Inc.
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phone: 952-941-5619
meadhunt.com

The City of Albert Lea

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CITY OF ALBERT LEA
221 E CLARK STREET
ALBERT LEA, MN 56007

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SHEET CONTENTS
AIRPORT AIRSPACE DRAWING - CONICAL SURFACE

SHEET NO: **5**



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CITY OF ALBERT LEA

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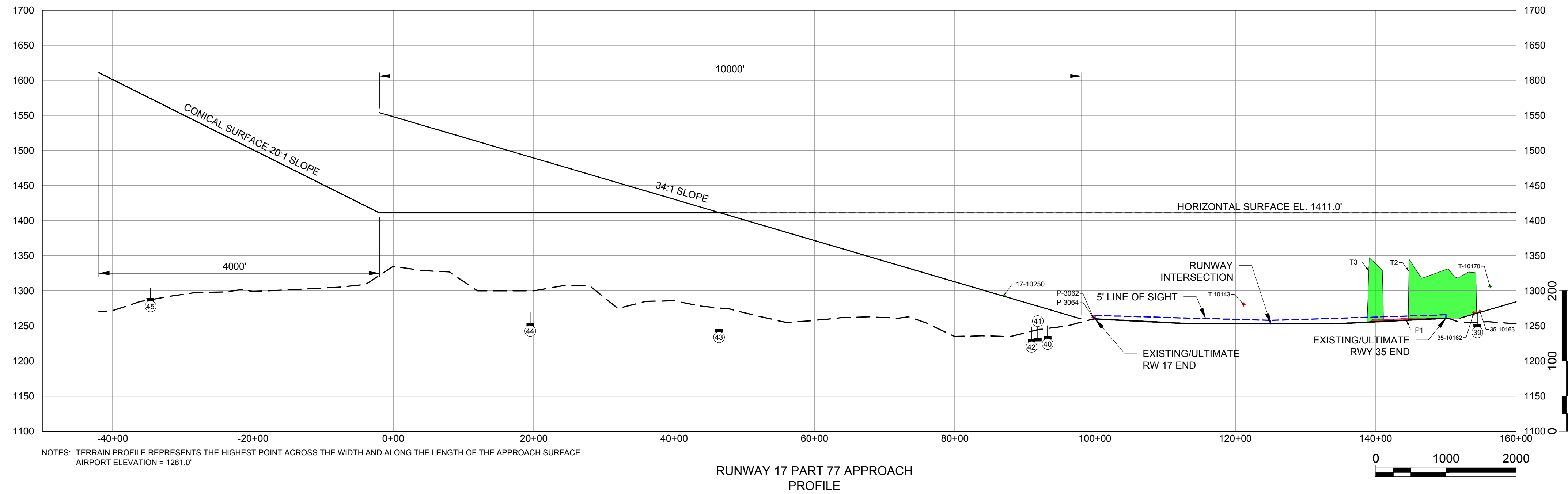
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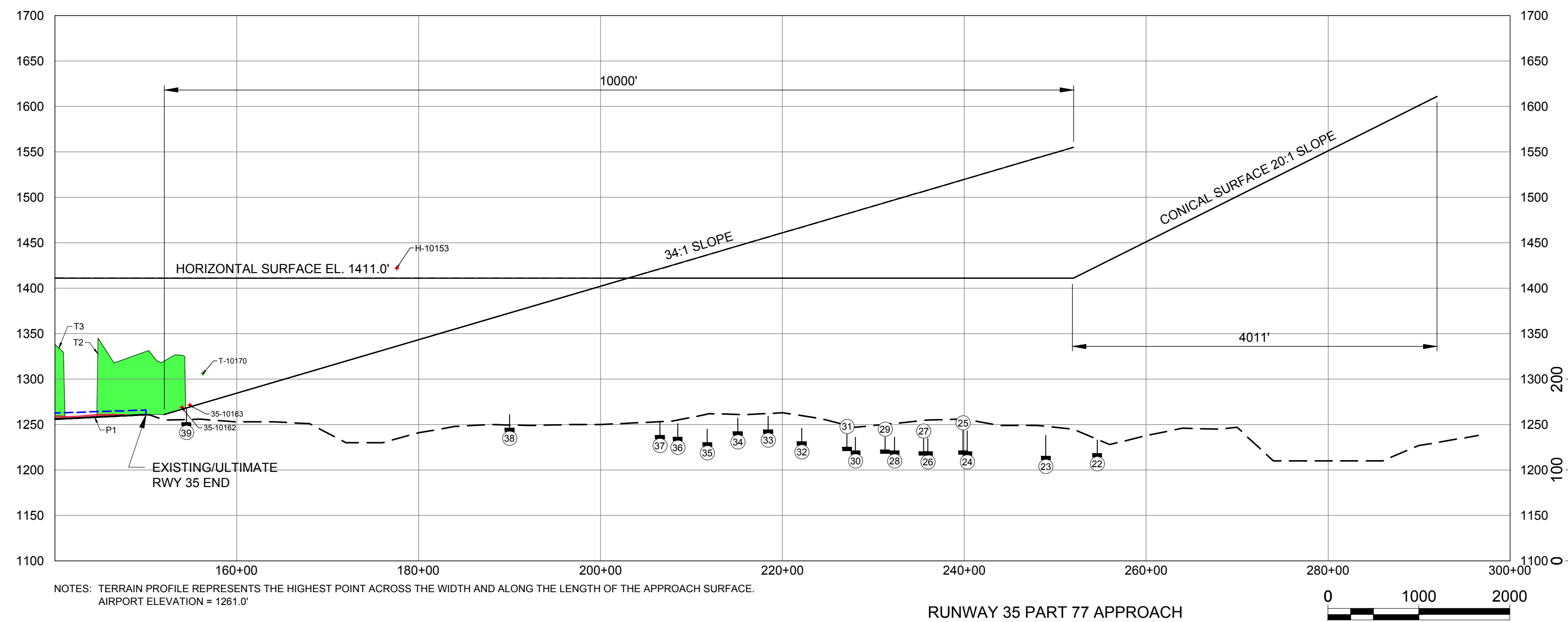
SHEET CONTENTS
AIRPORT AIRSPACE
DRAWING - RUNWAY
17-35 PROFILE

SHEET NO.



NOTES: TERRAIN PROFILE REPRESENTS THE HIGHEST POINT ACROSS THE WIDTH AND ALONG THE LENGTH OF THE APPROACH SURFACE.
AIRPORT ELEVATION = 1261.0'

RUNWAY 17 PART 77 APPROACH PROFILE



NOTES: TERRAIN PROFILE REPRESENTS THE HIGHEST POINT ACROSS THE WIDTH AND ALONG THE LENGTH OF THE APPROACH SURFACE.
AIRPORT ELEVATION = 1261.0'

RUNWAY 35 PART 77 APPROACH PROFILE

DRAWING LEGEND	
SINGLE TREE OBSTRUCTION	+
SINGLE OBJECT OBSTRUCTION	*
TREE GROUP OBSTRUCTION	■
OBJECT GROUP OBSTRUCTION	■

REVISIONS AND NOTES		
NO.	DESCRIPTION	DATE

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HEIGHT RESTRICTION ZONING IN PLACE FOR AREAS ON AND AROUND THE AIRPORT IN BOTH FREEBORN COUNTY CODE AND CITY OF ALBERT LEA CODE, LAST UPDATED IN 2017.



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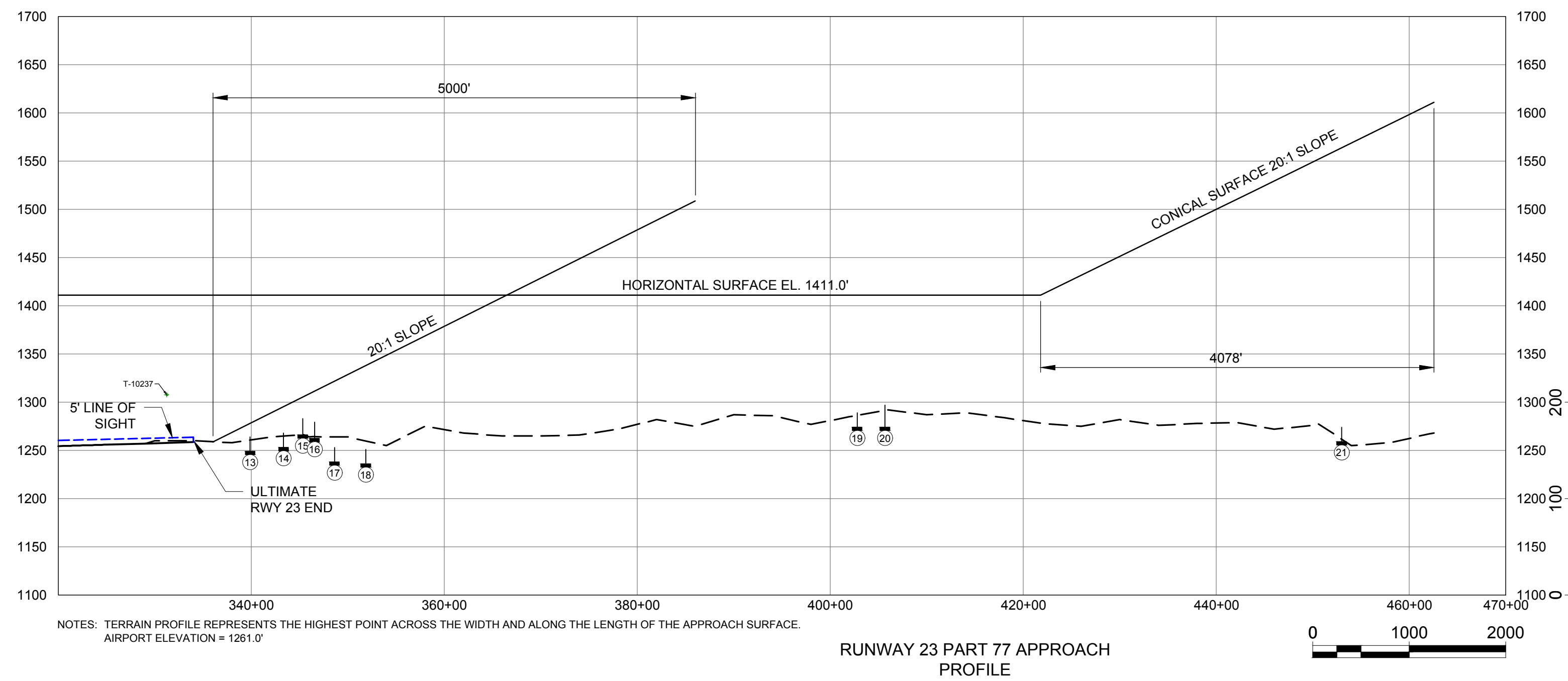
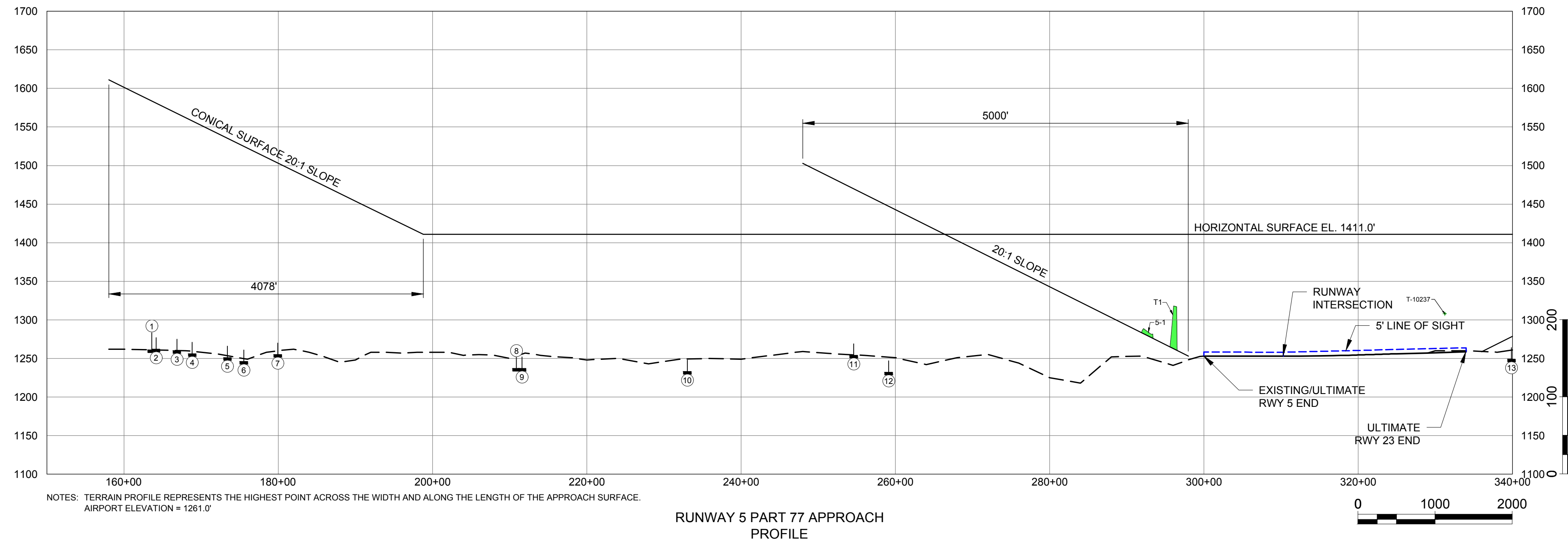
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SHEET CONTENTS
AIRPORT AIRSPACE
DRAWING - RUNWAY
5-23 PROFILE

SHEET NO.



DRAWING LEGEND	
SINGLE TREE OBSTRUCTION	+
SINGLE OBJECT OBSTRUCTION	*
TREE GROUP OBSTRUCTION	■
OBJECT GROUP OBSTRUCTION	■

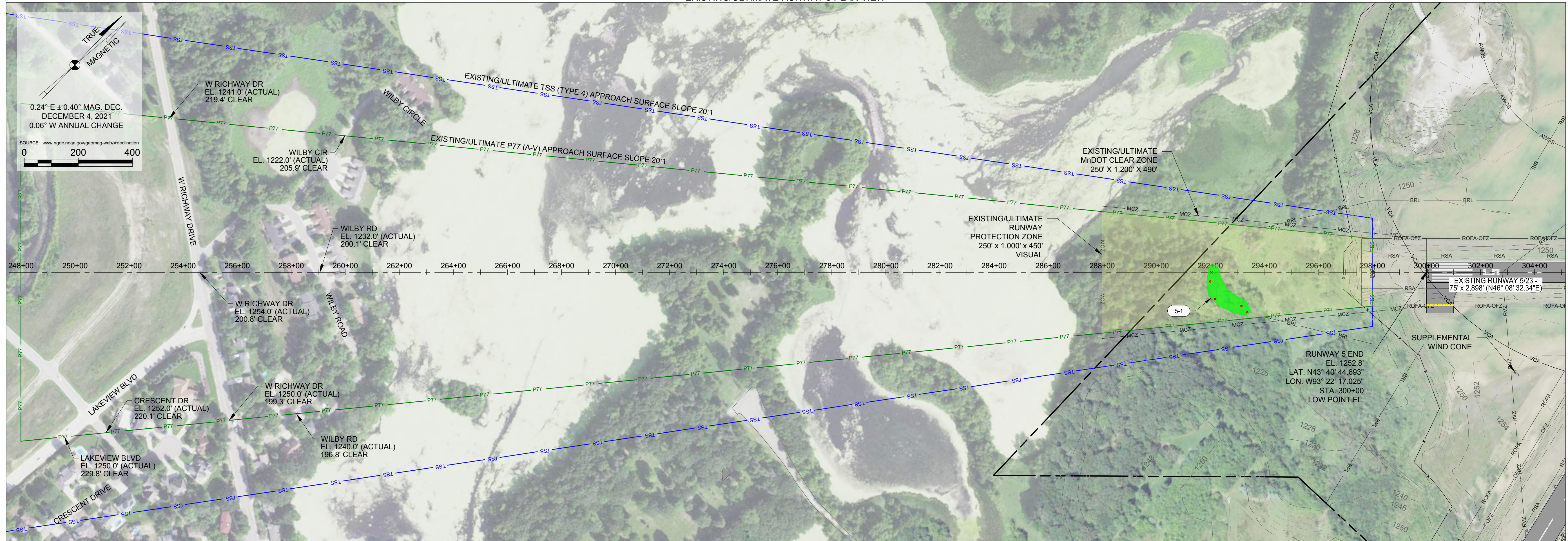
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EXISTING/ULTIMATE RUNWAY 5 PLAN VIEW



AERIAL IMAGE SOURCE: MNGEO WMS SERVICE 2021.

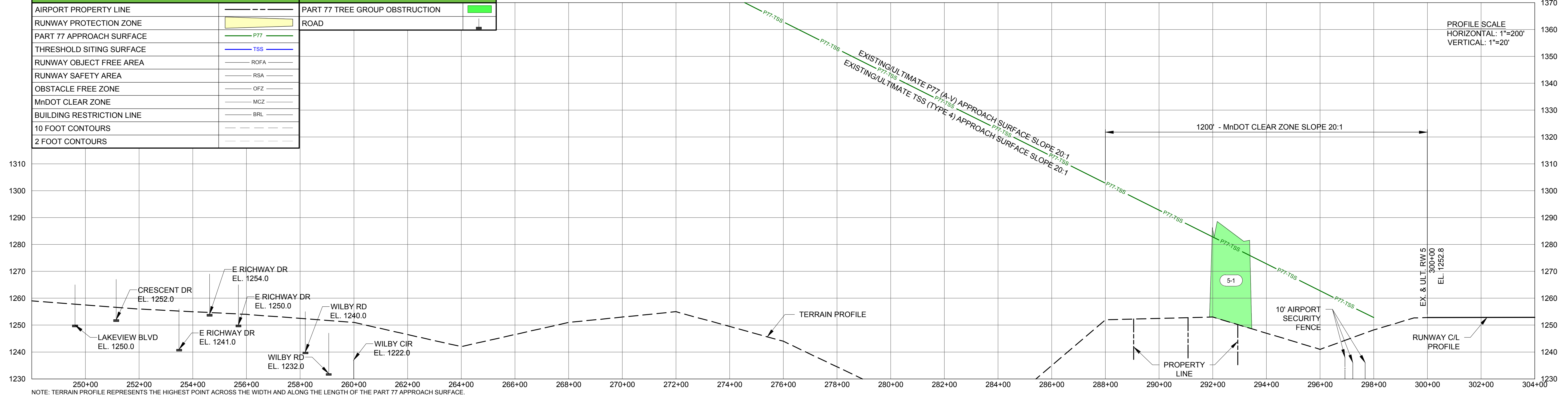
PLAN LEGEND

AIRPORT PROPERTY LINE	---
RUNWAY PROTECTION ZONE	---
PART 77 APPROACH SURFACE	P77
THRESHOLD SITING SURFACE	TSS
RUNWAY OBJECT FREE AREA	ROFA
RUNWAY SAFETY AREA	RSA
OBSTACLE FREE ZONE	OFZ
MnDOT CLEAR ZONE	MCZ
BUILDING RESTRICTION LINE	BRL
10 FOOT CONTOURS	---
2 FOOT CONTOURS	---

PROFILE LEGEND

PART 77 TREE GROUP OBSTRUCTION	█
ROAD	█

EXISTING/ULTIMATE RUNWAY 5 PROFILE VIEW



NOTE: TERRAIN PROFILE REPRESENTS THE HIGHEST POINT ACROSS THE WIDTH AND ALONG THE LENGTH OF THE PART 77 APPROACH SURFACE.

EXISTING/ULTIMATE RUNWAY 5 APPROACH OBSTRUCTIONS

NO.	DESCRIPTION	20:1 P77 (A-V) PENETRATION	20:1 TSS (TYPE 4) PENETRATION	GROUND ELEV.	AGL	TOP ELEV.	PROPOSED DISPOSITION	TRIGGERING EVENT
5-1	TREETOPS	0.3 TO 5.6	0.3 TO 5.6	N/A	N/A	1281.1 TO 1286.3	TO BE TRIMMED OR REMOVED	1-5 YEARS

VISUAL RUNWAY APPROACH CATEGORY B DESIGN GROUP I-VIS (SMALL)

NOTES:

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- ALL LAT/LONG COORDINATE DATA IS NAD83.
- ELEVATION DATA FOR OBSTRUCTIONS IS NAVD88.
- OBSTRUCTION SURVEY PROVIDED BY SAMBATEK, DATED OCTOBER 9, 2020. ALL FIELD SURVEY IS COMPLIANT WITH AC 150-5300-16A, 17C, AND 18B AND COLLECTED UNDER AIP NUMBER 3-55-0030-41.

REVISIONS

NO.	DESCRIPTION	DATE



Mead and Hunt, Inc.
7900 International Drive,
Suite 980
Bloomington, MN 55425
phone: 952-941-5619
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CITY OF ALBERT LEA

221 E CLARK STREET
ALBERT LEA, MN 56007

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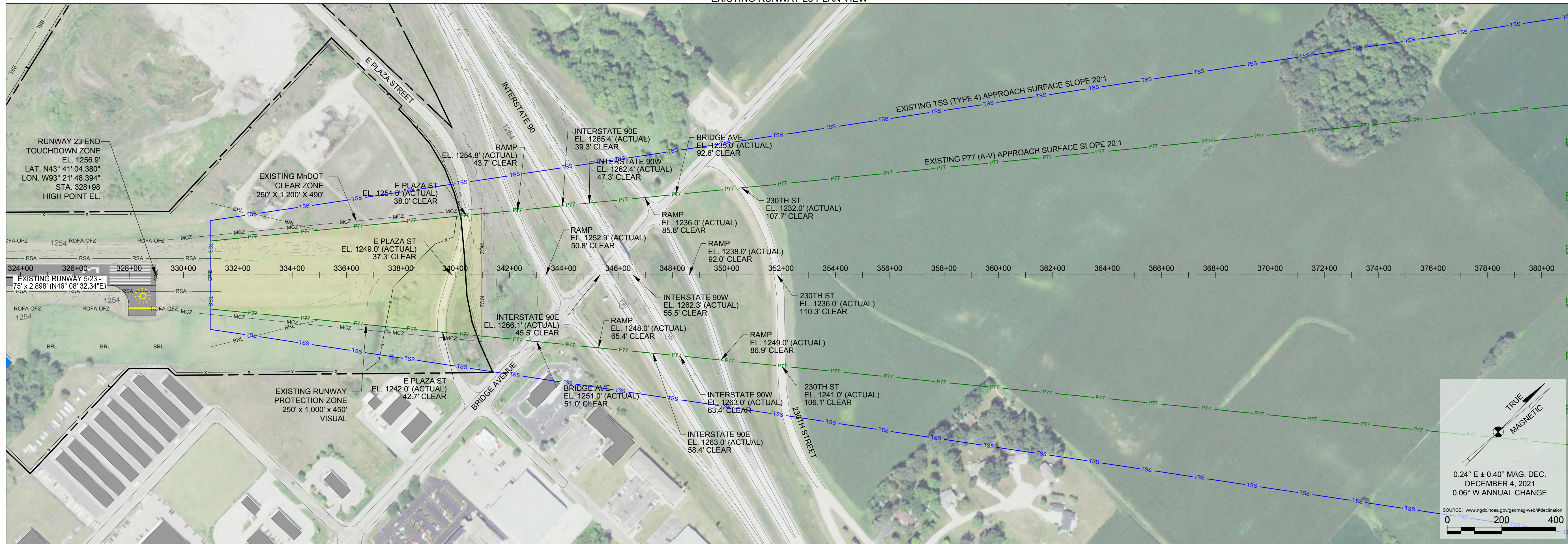
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M&H NO: 0118600-190978.01
DATE: OCTOBER 2022
DESIGNED BY: ---
DRAWN BY: NAK
CHECKED BY: REB
DO NOT SCALE DRAWINGS

SHEET CONTENTS
INNER PORTION OF THE APPROACH SURFACE DRAWING - EX & ULT 5

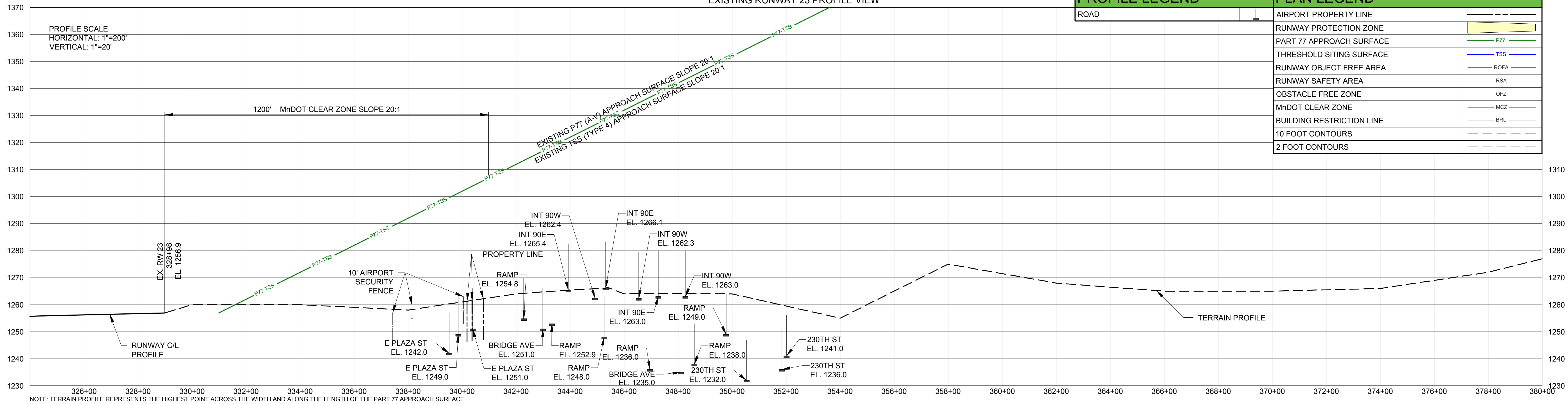
SHEET NO.

EXISTING RUNWAY 23 PLAN VIEW



AERIAL IMAGE SOURCE: MINGEO WMS SERVICE 2021.

EXISTING RUNWAY 23 PROFILE VIEW



PROFILE LEGEND

ROAD	
------	--

PLAN LEGEND

AIRPORT PROPERTY LINE	
RUNWAY PROTECTION ZONE	
PART 77 APPROACH SURFACE	
THRESHOLD SITING SURFACE	
RUNWAY OBJECT FREE AREA	
RUNWAY SAFETY AREA	
OBSTACLE FREE ZONE	
MnDOT CLEAR ZONE	
BUILDING RESTRICTION LINE	
10 FOOT CONTOURS	
2 FOOT CONTOURS	

VISUAL RUNWAY APPROACH CATEGORY B DESIGN GROUP I-VIS (SMALL)

THERE ARE NO OBSTRUCTIONS TO THE APPROACH SURFACES ON THIS RUNWAY

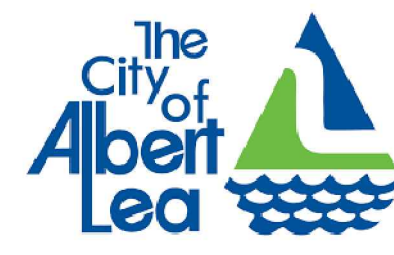
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CITY OF ALBERT LEA
 221 E CLARK STREET
 ALBERT LEA, MN 56007

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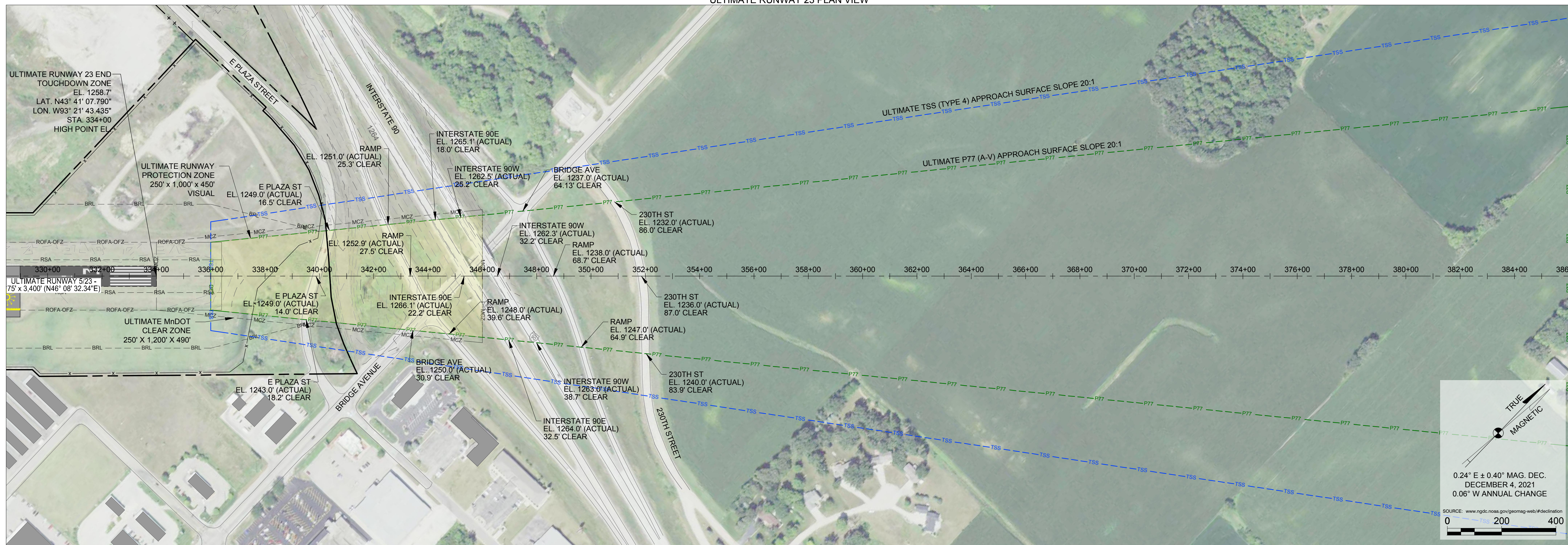
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SHEET CONTENTS
 INNER PORTION OF THE APPROACH SURFACE DRAWING - EXISTING 23

SHEET NO.

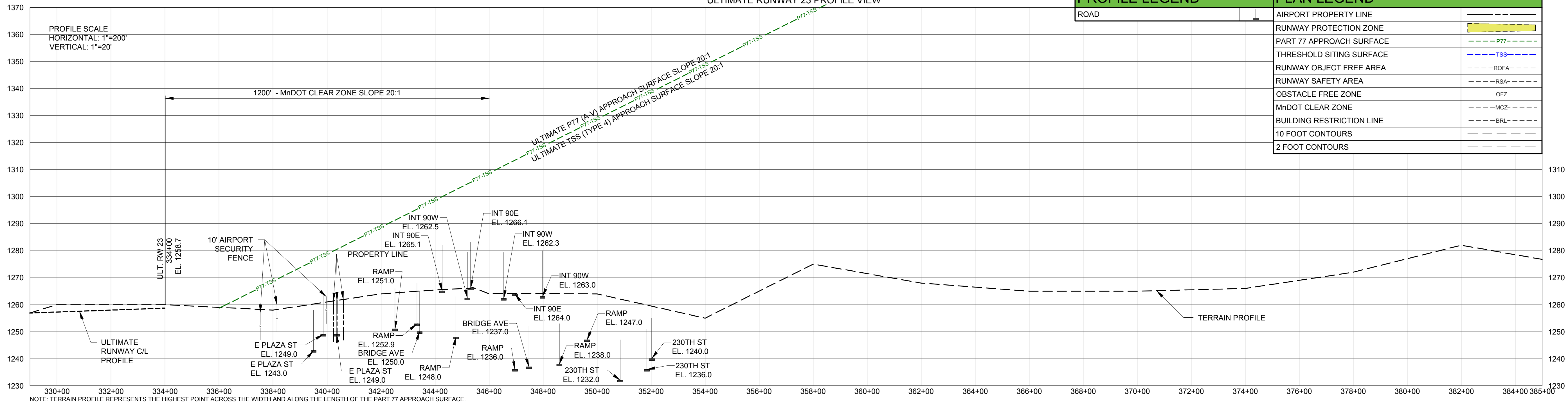
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 10/6/2022 2:56:13 PM

ULTIMATE RUNWAY 23 PLAN VIEW



AERIAL IMAGE SOURCE: MNGEO WMS SERVICE 2021.

ULTIMATE RUNWAY 23 PROFILE VIEW



NOTE: TERRAIN PROFILE REPRESENTS THE HIGHEST POINT ACROSS THE WIDTH AND ALONG THE LENGTH OF THE PART 77 APPROACH SURFACE.

THERE ARE NO OBSTRUCTIONS TO THE APPROACH SURFACES ON THIS RUNWAY

VISUAL RUNWAY APPROACH CATEGORY B DESIGN GROUP I-VIS (SMALL)

PROFILE LEGEND		PLAN LEGEND	
ROAD		AIRPORT PROPERTY LINE	
		RUNWAY PROTECTION ZONE	
		PART 77 APPROACH SURFACE	
		THRESHOLD SITING SURFACE	
		RUNWAY OBJECT FREE AREA	
		RUNWAY SAFETY AREA	
		OBSTACLE FREE ZONE	
		MnDOT CLEAR ZONE	
		BUILDING RESTRICTION LINE	
		10 FOOT CONTOURS	
		2 FOOT CONTOURS	

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 CITY OF ALBERT LEA
 221 E CLARK STREET
 ALBERT LEA, MN 56007

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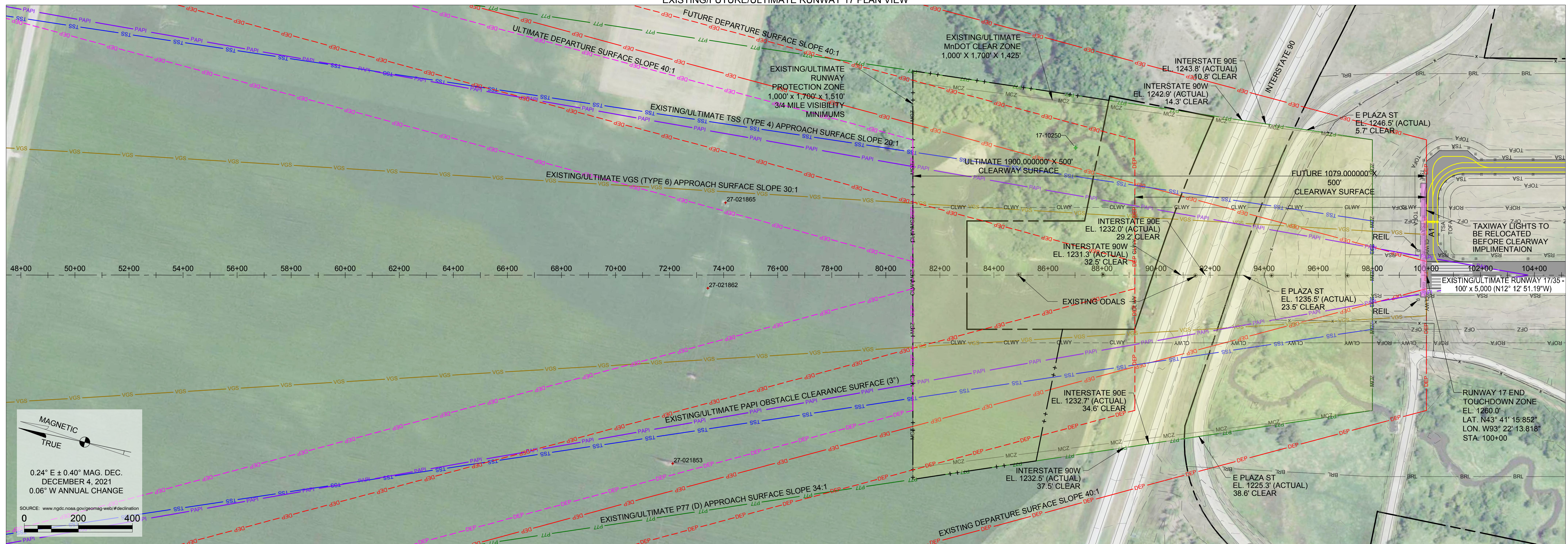
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 DRAWN BY: NAK
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SHEET CONTENTS
 INNER PORTION OF THE APPROACH SURFACE DRAWING - ULTIMATE 23

SHEET NO.

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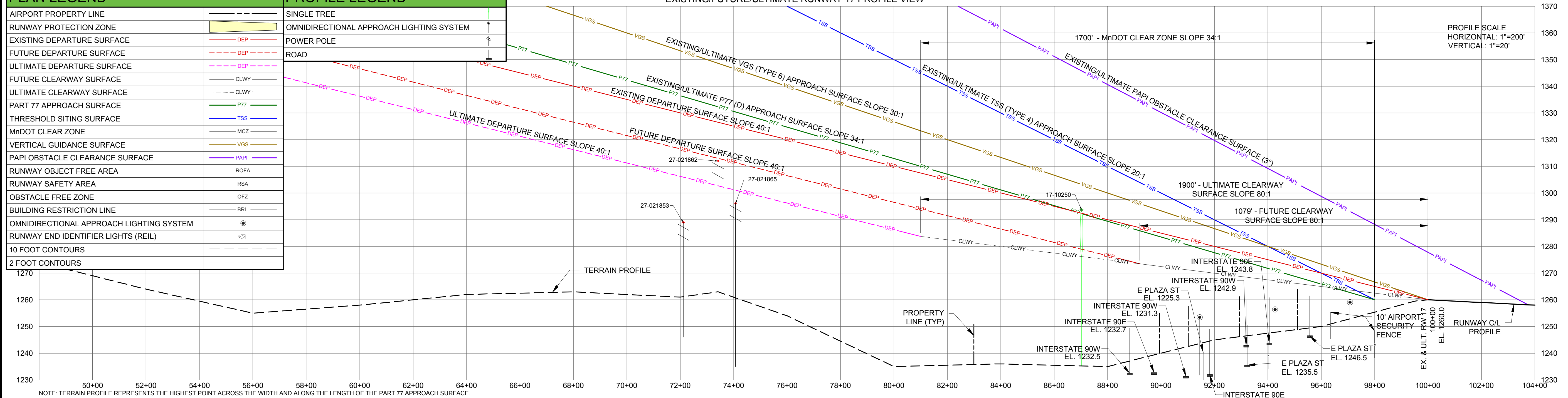
EXISTING/FUTURE/ULTIMATE RUNWAY 17 PLAN VIEW



AERIAL IMAGE SOURCE: MnGeo WMS SERVICE 2021.

PLAN LEGEND		PROFILE LEGEND	
AIRPORT PROPERTY LINE	---	SINGLE TREE	▲
RUNWAY PROTECTION ZONE	---	OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM	⦿
EXISTING DEPARTURE SURFACE	--- DEP ---	POWER POLE	⊥
FUTURE DEPARTURE SURFACE	- - - DEP - - -	ROAD	—
ULTIMATE DEPARTURE SURFACE	--- DEP ---		
FUTURE CLEARWAY SURFACE	--- CLWY ---		
ULTIMATE CLEARWAY SURFACE	- - - CLWY - - -		
PART 77 APPROACH SURFACE	--- P77 ---		
THRESHOLD SITING SURFACE	--- TSS ---		
MndOT CLEAR ZONE	--- MCZ ---		
VERTICAL GUIDANCE SURFACE	--- VGS ---		
PAPI OBSTACLE CLEARANCE SURFACE	--- PAPI ---		
RUNWAY OBJECT FREE AREA	--- ROFA ---		
RUNWAY SAFETY AREA	--- RSA ---		
OBSTACLE FREE ZONE	--- OFZ ---		
BUILDING RESTRICTION LINE	--- BRL ---		
OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM	⦿		
RUNWAY END IDENTIFIER LIGHTS (REIL)	*⦿		
10 FOOT CONTOURS	---		
2 FOOT CONTOURS	---		

EXISTING/FUTURE/ULTIMATE RUNWAY 17 PROFILE VIEW



NOTE: TERRAIN PROFILE REPRESENTS THE HIGHEST POINT ACROSS THE WIDTH AND ALONG THE LENGTH OF THE PART 77 APPROACH SURFACE.

NON-PRECISION APPROACH
NON-PRECISION INSTRUMENT RUNWAY
APPROACH CATEGORY D
DESIGN GROUP IV, V-4000
VISIBILITY MINIMA 3/4 MILE DAY/NIGHT

NOTES:

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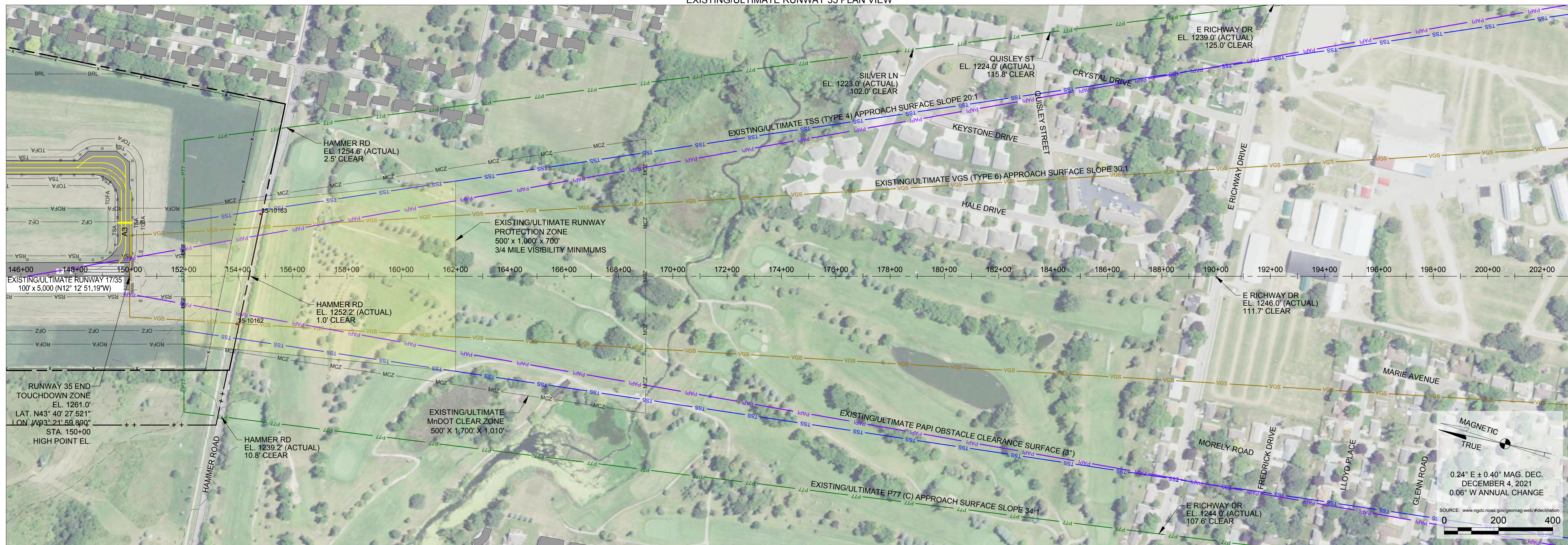
EXISTING/FUTURE/ULTIMATE RUNWAY 17 APPROACH OBSTRUCTIONS

NO.	DESCRIPTION	34:1 P77 (D) PENETRATION	20:1 TSS (TYPE 4) PENETRATION	30:1 VGS (TYPE 6) PENETRATION	40:1 DEPARTURE PENETRATION	40:1 FUTURE DEPARTURE PENETRATION	40:1 ULTIMATE DEPARTURE PENETRATION	FUTURE 80:1 CLEARWAY PENETRATION	ULTIMATE 80:1 CLEARWAY PENETRATION	3' PAPI PENETRATION	GROUND ELEV.	AGL	TOP ELEV.	PROPOSED DISPOSITION	TRIGGERING EVENT
17-10250	TREETOPS	1.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1293.7	TO BE TRIMMED OR REMOVED	1-5 YEARS
27-021862	POWER POLE	N/A	N/A	N/A	N/A	N/A	9.3	N/A	N/A	N/A	1263.0	49.0	1312.0	TO BE PLACED UNDERGROUND	CLEARWAY EXTENSION

REVISIONS

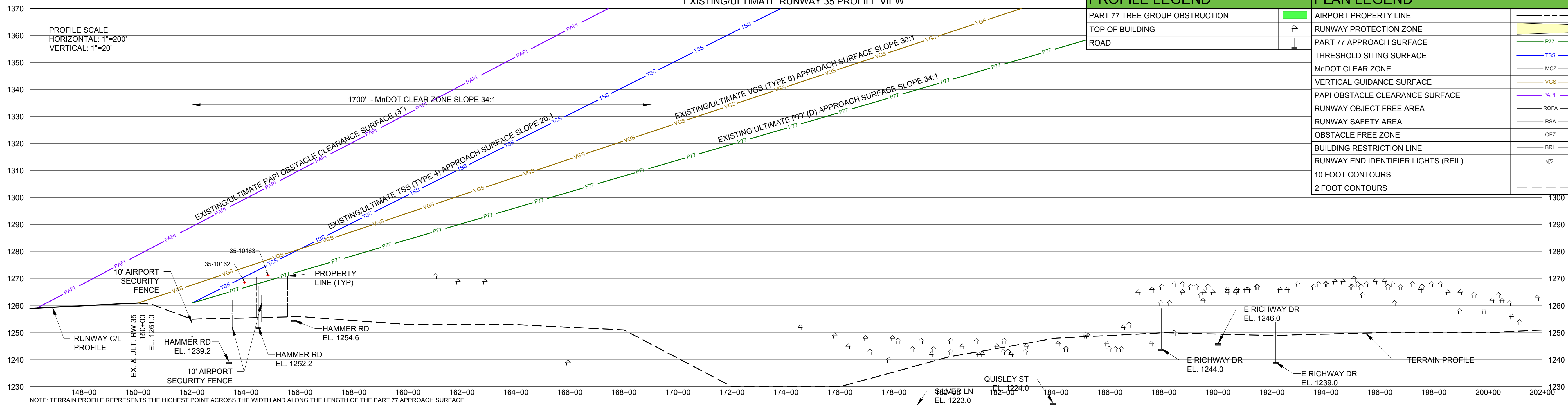
NO.	DESCRIPTION	DATE

EXISTING/ULTIMATE RUNWAY 35 PLAN VIEW



AERIAL IMAGE SOURCE: MnGeo WMS SERVICE 2021.

EXISTING/ULTIMATE RUNWAY 35 PROFILE VIEW



PROFILE LEGEND		PLAN LEGEND	
PART 77 TREE GROUP OBSTRUCTION		AIRPORT PROPERTY LINE	
TOP OF BUILDING		RUNWAY PROTECTION ZONE	
ROAD		PART 77 APPROACH SURFACE	
		THRESHOLD SITING SURFACE	
		MNDOT CLEAR ZONE	
		VERTICAL GUIDANCE SURFACE	
		PAPI OBSTACLE CLEARANCE SURFACE	
		RUNWAY OBJECT FREE AREA	
		RUNWAY SAFETY AREA	
		OBSTACLE FREE ZONE	
		BUILDING RESTRICTION LINE	
		RUNWAY END IDENTIFIER LIGHTS (REIL)	
		10 FOOT CONTOURS	
		2 FOOT CONTOURS	

EXISTING/ULTIMATE RUNWAY 35 APPROACH OBSTRUCTIONS										
NO.	DESCRIPTION	34:1 P77 (D) PENETRATION	20:1 TSS (TYPE 4) PENETRATION	30:1 VGS (TYPE 6) PENETRATION	3" PAPI PENETRATION	GROUND ELEV.	AGL	TOP ELEV.	PROPOSED DISPOSITION	TRIGGERING EVENT
35-10162	TOP OF LIGHT HOUSING	0.9	-2.2	N/A	N/A	1248.7	19.9	1268.6	TO BE LOWERED	EXISTING APPROACH SLOPE
35-10163	TOP OF LIGHT HOUSING	0.8	-3.8	N/A	N/A	1251.4	19.9	1271.3	TO BE LOWERED	EXISTING APPROACH SLOPE

NON-PRECISION APPROACH
NON-PRECISION INSTRUMENT RUNWAY
APPROACH CATEGORY C
DESIGN GROUP IV-V-4000
VISIBILITY MINIMA 3/4 MILE DAY/NIGHT

- NOTES:
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The City of Albert Lea

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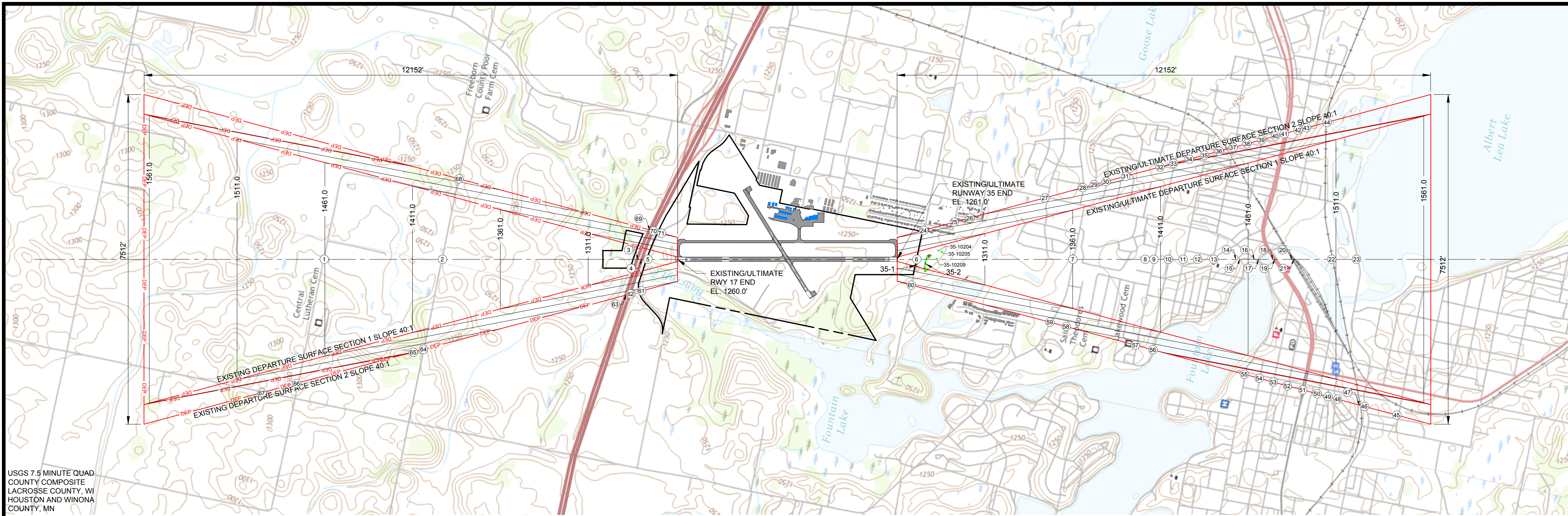
ALBERT LEA MUNICIPAL AIRPORT
CITY OF ALBERT LEA
221 E CLARK STREET
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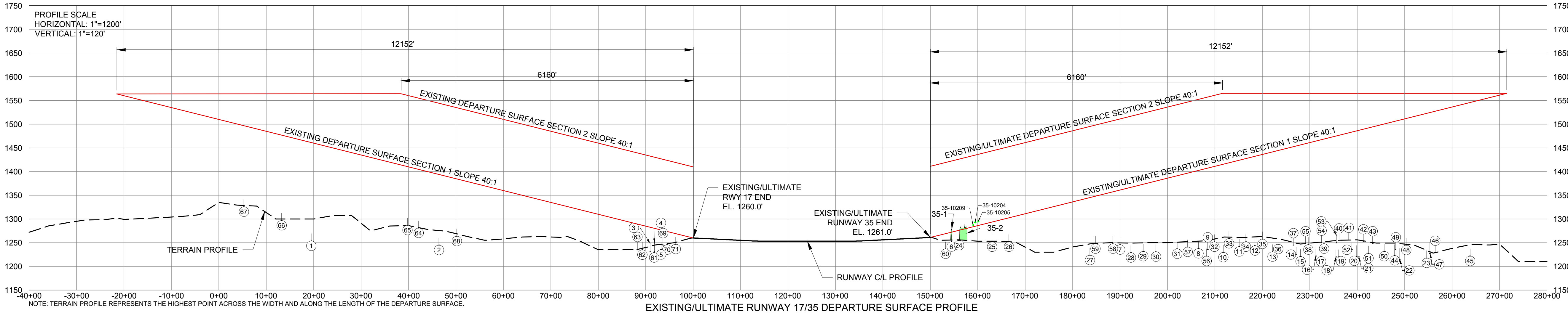
SHEET CONTENTS
INNER PORTION OF THE APPROACH SURFACE DRAWING - EXISTING 35
SHEET NO.

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USGS 7.5 MINUTE QUAD
COUNTY COMPOSITE
LACROSSE COUNTY, WI
HOUSTON AND WINONA
COUNTY, MN

EXISTING/ULTIMATE RUNWAY 17/35 DEPARTURE SURFACE PLAN



EXISTING/ULTIMATE RUNWAY 17/35 DEPARTURE SURFACE PROFILE

ITEM	OBJECT NAME	ELEVATION (ACTUAL)	CLEAR HEIGHT
1	245TH ST	1254.0	192.4
2	240TH ST	1245.0	134.1
3	INTERSTATE 90 W	1231.3	34.4
4	INTERSTATE 90 E	1232.0	31.5
5	E PLAZA ST	1235.5	26.5
6	HAMMER RD	1252.2	4.9
7	E RICHWAY DR	1246.0	100.0
8	HOFFMAN ST	1238.0	149.4
9	E HAWTHORNE ST	1236.0	156.3
10	GILES PL	1230.0	170.5
11	SHERIDAN ST	1242.0	166.8
12	HOPE LN	1244.0	173.2
13	JOHNSON ST	1231.0	195.4
14	RUBLE AVE	1225.0	213.9
15	ALBERT LEA ST	1221.0	220.2
16	BRIDGE AVE	1222.0	227.3
17	WILSON ST	1221.0	231.0
18	E MAIN ST W	1220.0	240.0
19	E MAIN ST E	1220.0	241.1
20	RAILROAD	1221.0	241.8
21	RAILROAD	1220.0	244.0
22	RAILROAD	1215.0	270.6
23	E FRONT ST	1218.0	289.7
24	HAMMER RD	1255.0	156.1

ITEM	OBJECT NAME	ELEVATION (ACTUAL)	CLEAR HEIGHT
25	TROY RD	1252.0	176.4
26	KEYSTONE DR	1252.0	185.4
27	BRIDGE AVE	1224.0	256.1
28	E RICHWAY DR	1229.0	272.7
29	CRESTVIEW RD	1232.0	276.2
30	SPICER RD	1231.0	283.9
31	FAIRLANE TERR	1237.0	289.0
32	GARFIELD AVE	1252.0	293.7
33	E HAWTHORNE ST	1259.0	291.0
34	ST THOMAS AVE	1252.0	296.0
35	SHERIDAN ST	1258.0	292.0
36	COLUMBUS AVE	1247.0	303.0
37	JOHNSON ST	1245.0	305.0
38	ST PETER AVE	1246.0	304.0
39	RAMSEY ST	1248.0	302.0
40	ULSTAD AVE	1255.0	295.0
41	E MAIN ST	1256.0	294.0
42	SE MARSHALL ST	1253.0	297.0
43	DAVID AVE	1249.0	301.0
44	RAILROAD	1223.0	319.0
45	E 3RD ST	1222.0	328.0
46	W FRONT ST	1229.0	321.0
47	RAILROAD	1228.0	314.0
48	S PEARL ST	1245.0	305.0

ITEM	OBJECT NAME	ELEVATION (ACTUAL)	CLEAR HEIGHT
49	COURT ST	1236.0	314.0
50	W COLLEGE ST	1232.0	318.0
51	W MAIN ST	1228.0	322.0
52	W WILLIAM ST	1235.0	315.0
53	W CLARK ST	1250.0	300.0
54	WATER ST	1250.0	300.0
55	W FOUNTAIN ST	1249.0	301.0
56	N SHORE AVE	1222.0	319.6
57	W HAWTHORNE ST	1241.0	290.6
58	TAMRA LN	1248.0	244.2
59	W RICHWAY DR	1248.0	235.0
60	HAMMER RD	1237.0	167.0
61	E PLAZA ST	1229.0	186.6
62	INTERSTATE 90 E	1235.0	184.8
63	INTERSTATE 90 W	1235.0	187.4
64	240TH ST	1281.0	258.7
65	WALNUT DR	1287.0	258.6
66	245TH ST	1297.0	252.0
67	740TH AVE	1326.0	223.0
68	240TH ST	1264.0	255.6
69	INTERSTATE 90 W	1245.0	163.9
70	INTERSTATE 90 E	1246.0	160.7
71	E PLAZA ST	1247.0	157.3

ITEM	OBJECT NAME	GROUND ELEV.	AGL	TOP ELEV.	DEPARTURE SURFACE PENETRATION	DISPOSITION	TRIGGERING EVENT
35-1	TREETOPS	N/A	N/A	1272.2 TO 1278.9	0.1 TO 6.7	TO BE TRIMMED OR REMOVED	1-5 YEARS
35-2	TREETOPS	N/A	N/A	1278.5 TO 1288.6	2.0 TO 9.7	TO BE TRIMMED OR REMOVED	1-5 YEARS
35-10204	TREE	N/A	N/A	1292.9	8.4	TO BE TRIMMED OR REMOVED	1-5 YEARS
35-10205	TREE	N/A	N/A	1295.5	9.1	TO BE TRIMMED OR REMOVED	1-5 YEARS
35-10209	TREE	N/A	N/A	1287.1	3.5	TO BE TRIMMED OR REMOVED	1-5 YEARS

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REVISIONS		
NO.	DESCRIPTION	DATE

ALBERT LEA MUNICIPAL AIRPORT
CITY OF ALBERT LEA
221 E CLARK STREET
ALBERT LEA, MN 56007

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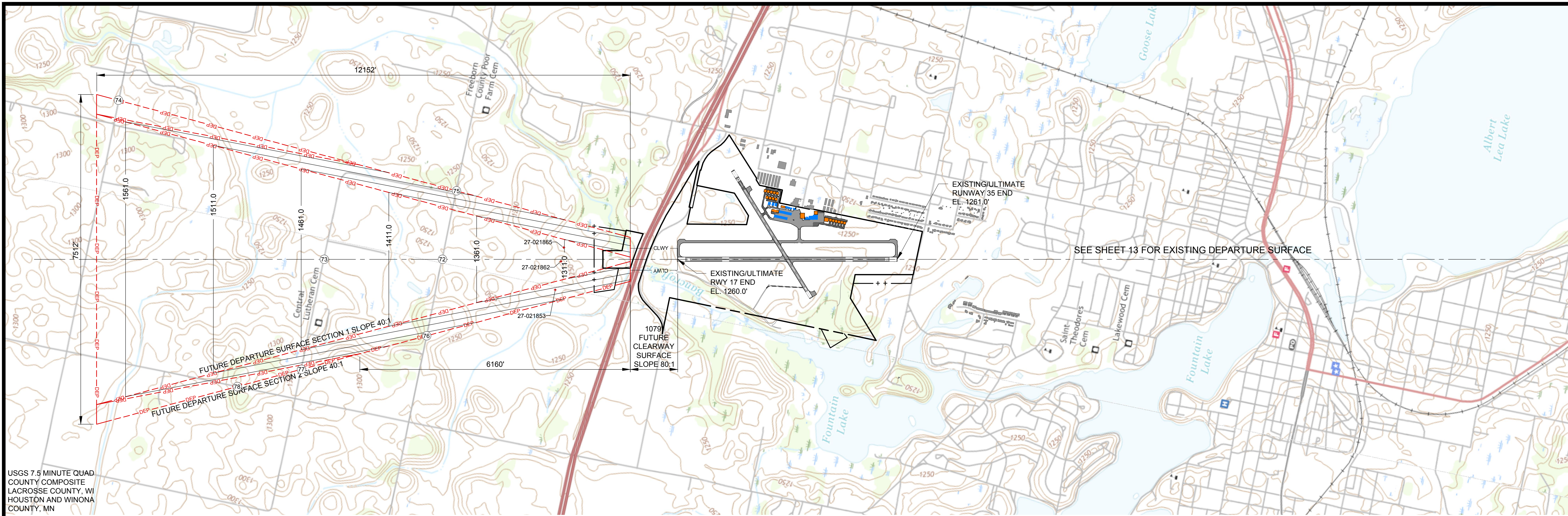
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DRAWN BY: XXX
CHECKED BY: XXX
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SHEET CONTENTS
RUNWAY DEPARTURE SURFACE DRAWING - EXISTING 17-35

SHEET NO.

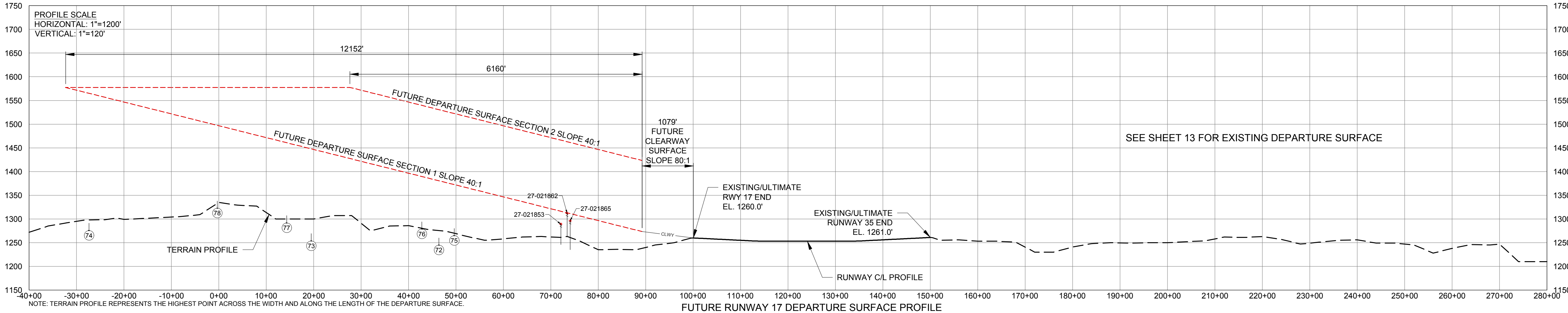


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USGS 7.5 MINUTE QUAD
COUNTY COMPOSITE
LACROSSE COUNTY, WI
HOUSTON AND WINONA
COUNTY, MN

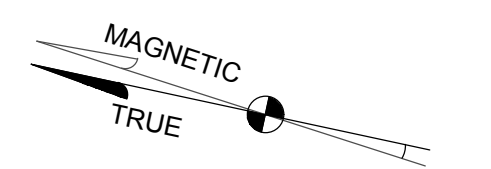
FUTURE RUNWAY 17 DEPARTURE SURFACE PLAN



FUTURE RUNWAY 17 DEPARTURE SURFACE PROFILE

ITEM	OBJECT NAME	ELEVATION (ACTUAL)	CLEAR HEIGHT
72	240TH ST	1254.0	111.6
73	245TH ST	1245.0	187.9
74	255TH ST	1276.0	286.5
75	240TH ST	1265.0	244.5
76	240TH ST	1279.0	245.5
77	245TH ST	1292.0	270.5
78	740TH AVE	1323.0	239.5

NOTE: TERRAIN PROFILE REPRESENTS THE HIGHEST POINT ACROSS THE WIDTH AND ALONG THE LENGTH OF THE DEPARTURE SURFACE.



0.24° E ± 0.40° MAG. DEC.
DECEMBER 4, 2021
0.06° W ANNUAL CHANGE
SOURCE: www.ngs.noaa.gov/gemmag-web/#declination



- NOTES:
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 - ELEVATION DATA FOR OBSTRUCTIONS IS NAVD88.
 - OBSTRUCTION SURVEY PROVIDED BY SAMBATEK, DATED OCTOBER 9, 2020. ALL FIELD SURVEY IS COMPLIANT WITH AC 150-5300-16A, 17C, AND 18B AND COLLECTED UNDER AIP NUMBER 3-55-0030-41.

REVISIONS		
NO.	DESCRIPTION	DATE

ALBERT LEA MUNICIPAL AIRPORT
CITY OF ALBERT LEA
 221 E CLARK STREET
 ALBERT LEA, MN 56007

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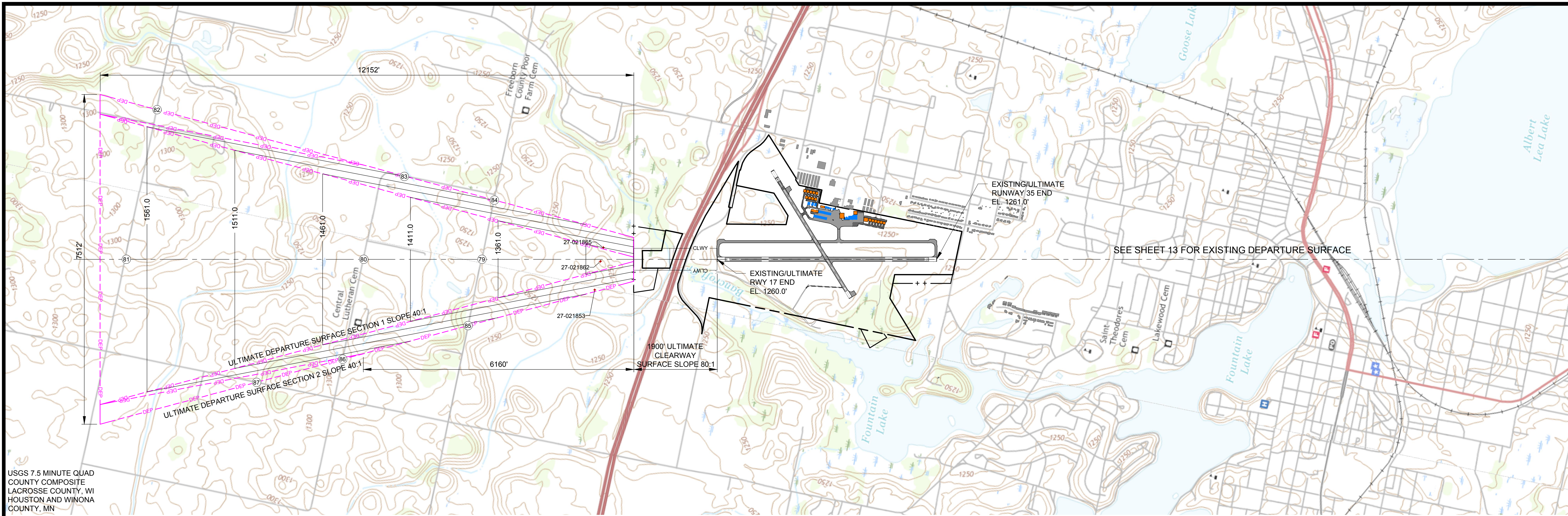
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SHEET CONTENTS
RUNWAY DEPARTURE SURFACE DRAWING - FUTURE 17

SHEET NO.

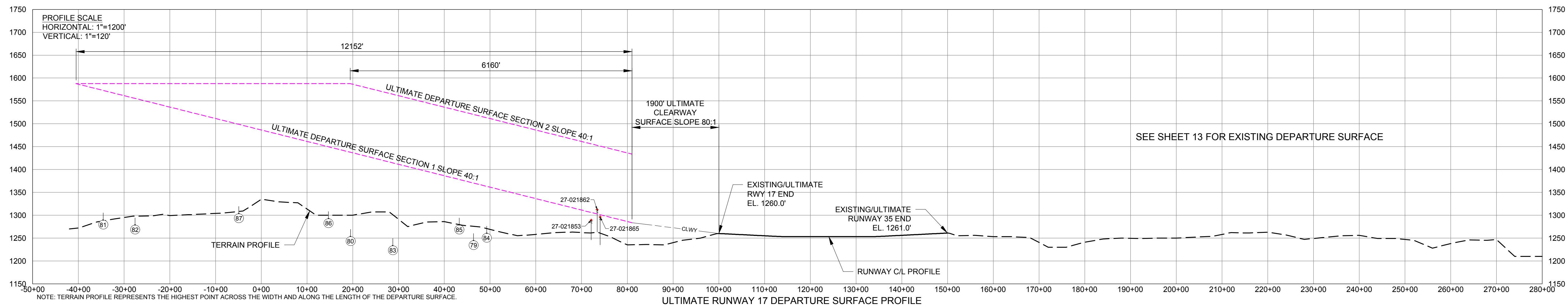


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USGS 7.5 MINUTE QUAD
COUNTY COMPOSITE
LAGROSSE COUNTY, WI
HOUSTON AND WINONA
COUNTY, MN

ULTIMATE RUNWAY 17 DEPARTURE SURFACE PLAN

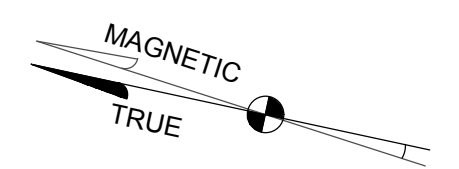


DEPARTURE CROSSINGS

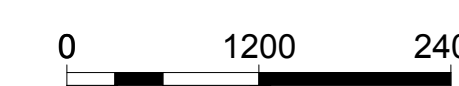
ITEM	OBJECT NAME	ELEVATION (ACTUAL)	CLEAR HEIGHT
79	240TH ST	1254.0	101.3
80	245TH ST	1245.0	177.6
81	255TH ST	1290.0	267.9
82	255TH ST	1279.0	293.8
83	245TH ST	1234.0	312.0
84	240TH ST	1261.0	237.1
85	240TH ST	1279.0	234.1
86	245TH ST	1293.0	279.8
87	740TH AVE	1304.0	288.8

ULTIMATE RUNWAY 17 DEPARTURE OBSTRUCTIONS

ITEM	OBJECT NAME	GROUND ELEV.	AGL	TOP ELEV.	DEPARTURE SURFACE PENETRATION	DISPOSITION	TRIGGERING EVENT
27-021862	POWER POLE	1283.0	49.0	1312.0	9.3	TO BE PLACED UNDERGROUND	CLEARWAY EXTENSION



0.24° E ± 0.40° MAG. DEC.
DECEMBER 4, 2021
0.06° W ANNUAL CHANGE
SOURCE: www.ngdc.noaa.gov/gemmag-web/#declination



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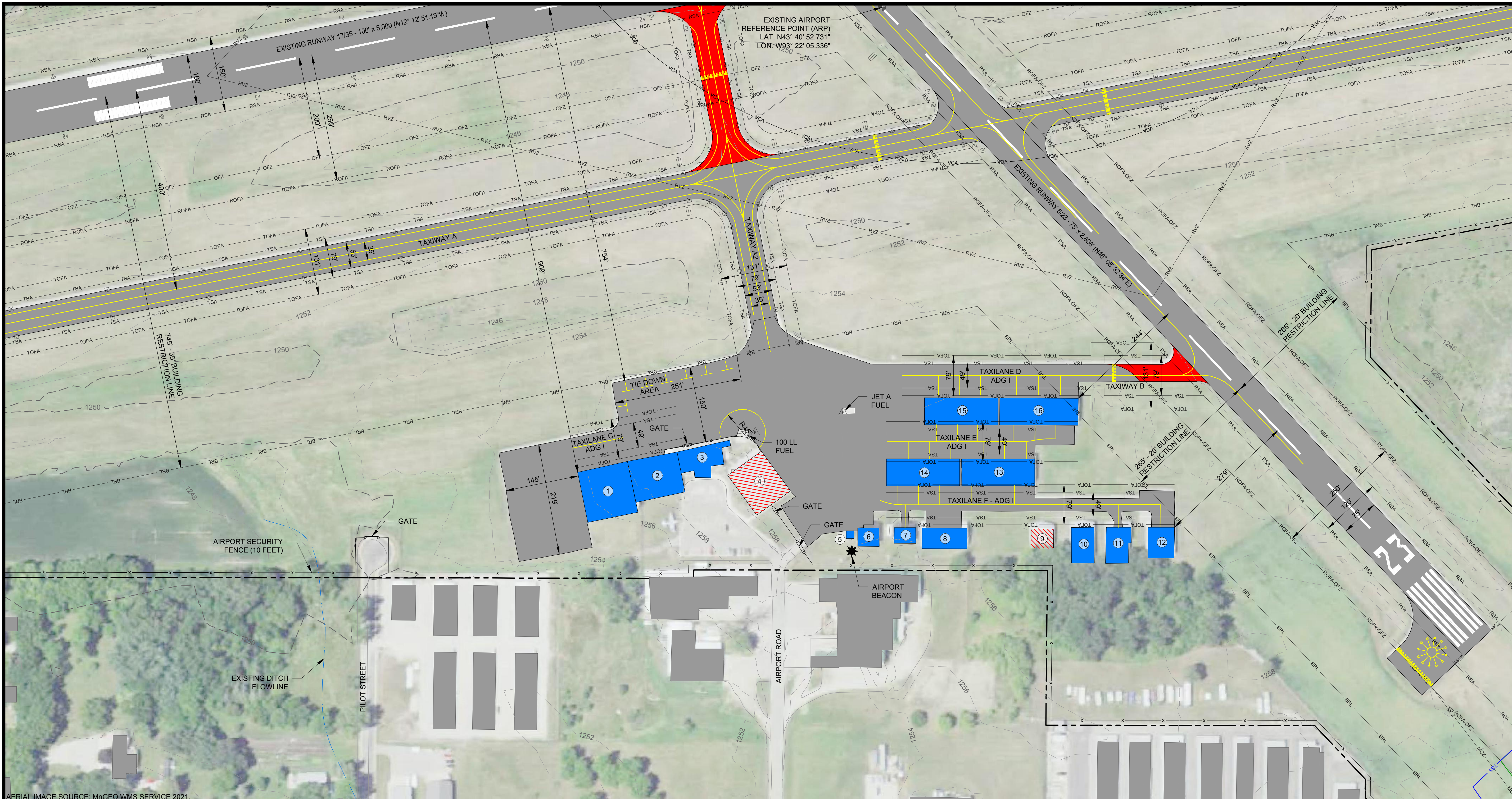
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RUNWAY DEPARTURE SURFACE DRAWING - ULTIMATE 17

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 7900 International Drive,
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 Bloomington, MN 55425
 phone: 952-941-5619
 meadhunt.com



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SHEET CONTENTS
 TERMINAL AREA
 DRAWING - EXISTING

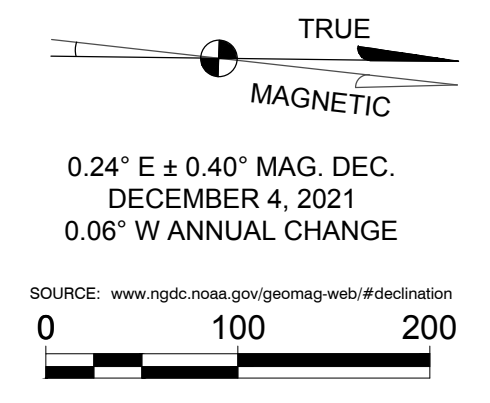
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DRAWING LEGEND	
AIRPORT PROPERTY LINE	EXISTING
AIRPORT BUILDINGS	[Blue outline]
BUILDINGS TO BE REMOVED	[Red hatched outline]
AIRFIELD PAVEMENT	[Grey fill]
AIRFIELD PAVEMENT TO BE REMOVED	[Red hatched fill]
PAVED ROADS	[Light grey fill]
RUNWAY PROTECTION ZONE	[Yellow fill]
FUEL STORAGE AREA	[Green fill]
PART 77 APPROACH SURFACE	[Green line with P77]
DEPARTURE SURFACE	[Red line with DEP]
MnDOT CLEAR ZONE	[Red line with MCZ]
BUILDING RESTRICTION LINE	[Dashed line]
RUNWAY SAFETY AREA	[Dashed line]
RUNWAY OBJECT FREE AREA	[Dashed line]
TAXIWAY SAFETY AREA	[Dashed line]
TAXIWAY OBJECT FREE AREA	[Dashed line]
THRESHOLD SITING SURFACE	[Blue line with TSS]
VERTICAL GUIDANCE SURFACE	[Orange line with VGS]
OBSTACLE FREE ZONE	[Dashed line]
RUNWAY VISIBILITY ZONE	[Dashed line]
AIRPORT SECURITY FENCE	[Dashed line]
2 FOOT CONTOURS	[Dashed line]
AIRPORT REFERENCE POINT (ARP)	[Star symbol]
AIRPORT BEACON	[Star symbol]

EXISTING TAXIWAY/TAXILANE											
NAME	WIDTH (EXISTING)	WIDTH (STANDARD)	SHOULDER	ADG	TDG	TSA	TOFA	TESM	LIGHTING	OBJECTS INSIDE TSA AND TOFA	SEPARATION FROM TAXIWAY CL TO FIXED MOVABLE OBJECT
TAXIWAY A	35'	35'	10'	II	1B	79'	131'	5'	MITL	NO	65.5'
TAXIWAY A1	35'	35'	10'	II	1B	79'	131'	5'	MITL	NO	65.5'
TAXIWAY A2	35'	35'	10'	II	1B	79'	131'	5'	MITL	NO	65.5'
TAXIWAY A3	35'	35'	10'	II	1B	79'	131'	5'	MITL	NO	65.5'
TAXIWAY B	35'	35'	10'	II	1B	79'	131'	5'	MITL	NO	65.5'
TAXILANE C	25'	25'	N/A	I	1B	49'	79'	5'	FLOOD	NO	65.5'
TAXILANE D	25'	25'	N/A	I	1B	49'	79'	5'	FLOOD	NO	65.5'
TAXILANE E	25'	25'	N/A	I	1B	49'	67'	5'	FLOOD	YES*	65.5'
TAXILANE F	25'	25'	N/A	I	1B	49'	79'	5'	FLOOD	NO	65.5'

*WINGS PAN RESTRICTED BY WIDTH OF EXISTING TAXILANE WIDTH. ENGINEERING BRIEF 78 USED TO DETERMINE A WINGSPAN ALLOWANCE OF 38' 4".

BUILDING LEGEND		
NO.	DESCRIPTION	TOP ELEV. (MSL)
1	HANGAR	
2	HANGAR	
3	HANGAR	
4	FBO BUILDING (TO BE RELOCATED)	
5	HANGAR	
6	HANGAR	
7	HANGAR	
8	SRE BUILDING	
9	HANGAR (TO BE REMOVED)	
10	HANGAR	
11	HANGAR	
12	HANGAR	
13	NESTED T-HANGAR	
14	NESTED T-HANGAR	
15	NESTED T-HANGAR	
16	NESTED T-HANGAR	

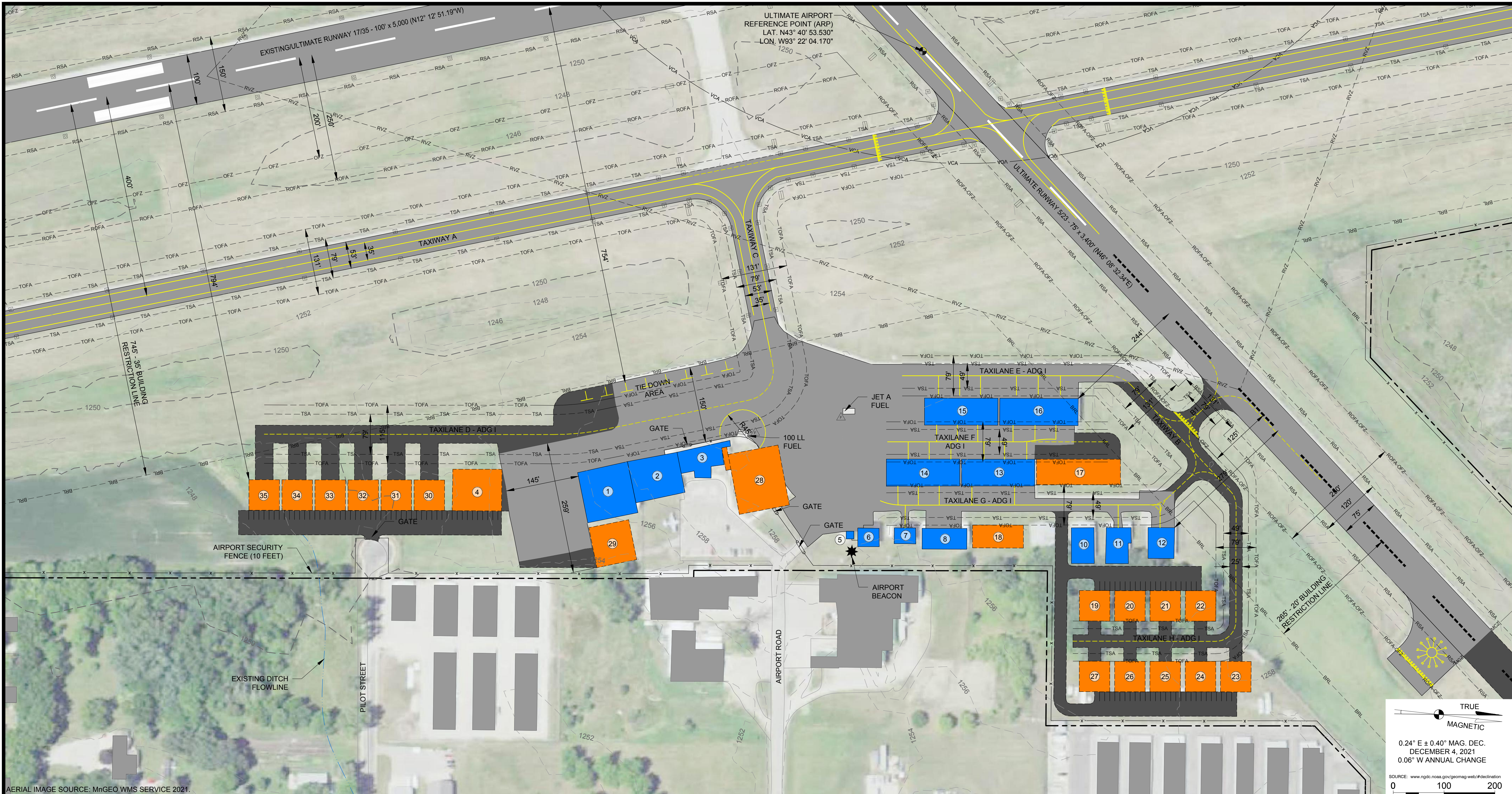


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NO.	DESCRIPTION	DATE

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X:\01186001\190978.01\TECH\CAD\ALPA\EL-TERMINAL AREA DRAWING.DWG
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DRAWING LEGEND		
	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	---	---
AIRPORT BUILDINGS	█	█
BUILDINGS TO BE REMOVED	█	█
AIRFIELD PAVEMENT	█	█
AIRFIELD PAVEMENT TO BE REMOVED	█	█
PAVED ROADS	█	█
RUNWAY PROTECTION ZONE	█	█
FUEL STORAGE AREA	█	█
PART 77 APPROACH SURFACE	---	---
DEPARTURE SURFACE	---	---
MNDOT CLEAR ZONE	---	---
BUILDING RESTRICTION LINE	---	---
RUNWAY SAFETY AREA	---	---
RUNWAY OBJECT FREE AREA	---	---
TAXIWAY OBJECT FREE AREA	---	---
THRESHOLD SITING SURFACE	---	---
OBSTACLE FREE ZONE	---	---
RUNWAY VISIBILITY ZONE	---	---
AIRPORT SECURITY FENCE	---	---
2 FOOT CONTOURS	---	---
AIRPORT REFERENCE POINT (ARP)	★	★
AIRPORT BEACON	★	★

ULTIMATE TAXIWAY/TAXILANE											
NAME	WIDTH	SHOULDER	ADG	TDG	TSA	TOFA	TESM	LIGHTING	OBJECTS INSIDE TSA AND TOFA	SEPARATION FROM TAXIWAY CL TO FIXED MOVABLE OBJECT	
TAXIWAY A	35'	15'	II	2	79'	131'	7.5'	MITL	NO	65.5'	
TAXIWAY A1	35'	15'	II	2	79'	131'	7.5'	MITL	NO	65.5'	
TAXIWAY A2	35'	15'	II	2	79'	131'	7.5'	MITL	NO	65.5'	
TAXIWAY B	35'	15'	II	2	79'	131'	7.5'	MITL	NO	65.5'	
TAXIWAY B1	35'	15'	II	2	79'	131'	7.5'	MITL	NO	65.5'	
TAXIWAY C	35'	15'	II	2	79'	131'	7.5'	MITL	NO	65.5'	
TAXILANE D	25'	N/A	I	1B	49'	79'	5'	FLOOD	NO	65.5'	
TAXILANE E	25'	N/A	I	1B	49'	79'	5'	FLOOD	NO	65.5'	
TAXILANE F	25'	N/A	I	1B	49'	67'	5'	FLOOD	YES*	65.5'	
TAXILANE G	25'	N/A	I	1B	49'	79'	5'	FLOOD	NO	65.5'	
TAXILANE H	25'	N/A	I	1B	49'	79'	5'	FLOOD	NO	65.5'	

*WINGSPAN RESTRICTED BY WIDTH OF EXISTING TAXILANE WIDTH. ENGINEERING BRIEF 78 USED TO DETERMINE A WINGSPAN ALLOWANCE OF 38' 4".

BUILDING LEGEND					
NO.	DESCRIPTION	TOP ELEV. (MSL)	NO.	DESCRIPTION	TOP ELEV. (MSL)
1	HANGAR		19	60' X 60' HANGAR	TBD
2	HANGAR		20	60' X 60' HANGAR	TBD
3	HANGAR		21	60' X 60' HANGAR	TBD
4	FBO BUILDING (RELOCATED)		22	60' X 60' HANGAR	TBD
5	HANGAR		23	60' X 60' HANGAR	TBD
6	HANGAR		24	60' X 60' HANGAR	TBD
7	HANGAR		25	60' X 60' HANGAR	TBD
8	SRE BUILDING		26	60' X 60' HANGAR	TBD
9			27	60' X 60' HANGAR	TBD
10	HANGAR		28	60' X 60' HANGAR	TBD
11	HANGAR		29	80' X 80' RESERVED FOR FUTURE FACILITY	TBD
12	HANGAR		30	60' X 60' HANGAR	TBD
13	NESTED T-HANGAR		31	60' X 60' HANGAR	TBD
14	NESTED T-HANGAR		32	60' X 60' HANGAR	TBD
15	NESTED T-HANGAR		33	60' X 60' HANGAR	TBD
16	NESTED T-HANGAR		34	60' X 60' HANGAR	TBD
17	T-HANGAR	TBD	35	60' X 60' HANGAR	TBD
18	RESERVED FOR FUTURE SRE	TBD			

REVISIONS		
NO.	DESCRIPTION	DATE

NOTES

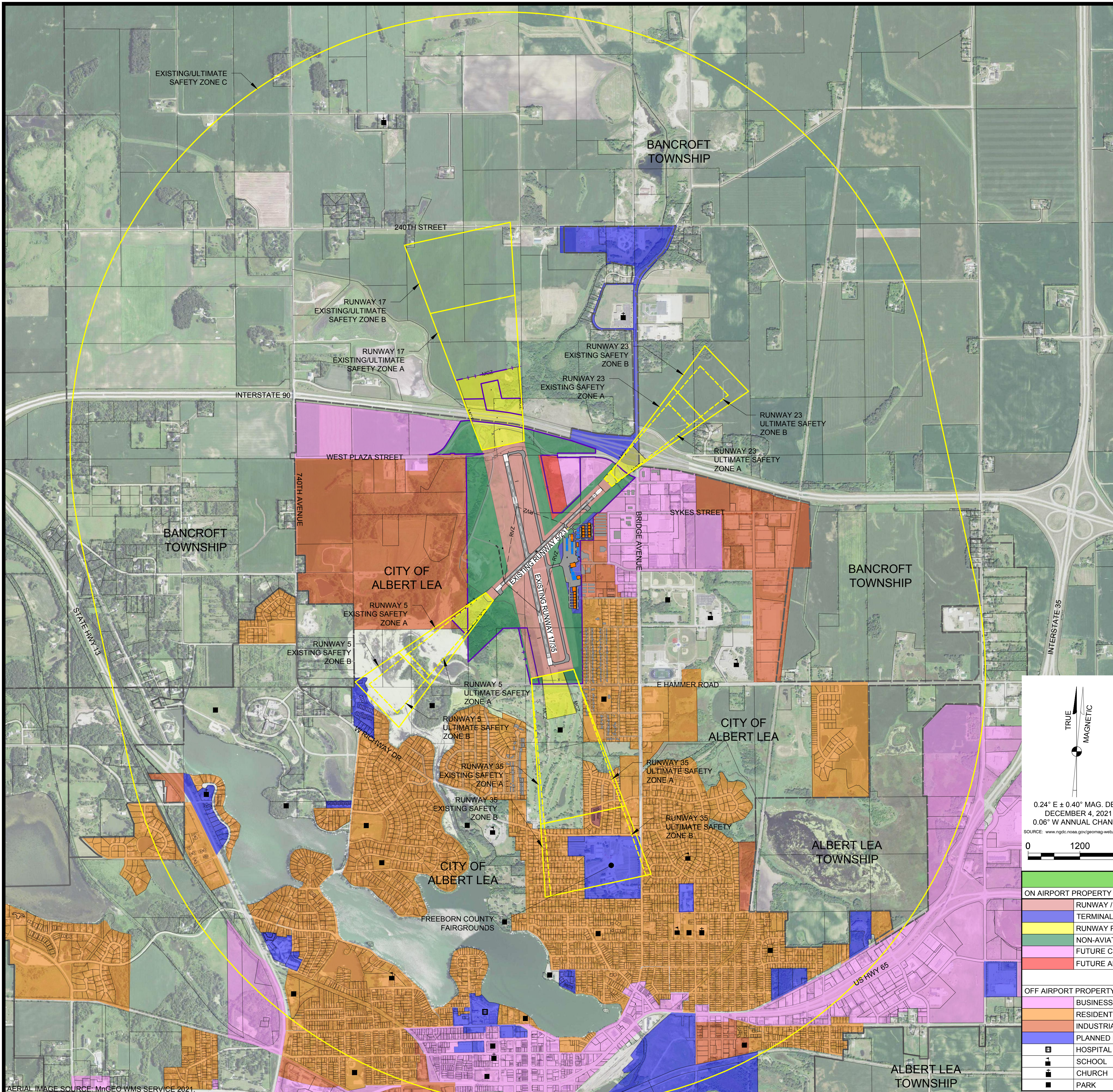
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SHEET CONTENTS
TERMINAL AREA
DRAWING - ULTIMATE

SHEET NO.



RUNWAY SAFETY ZONES									
SAFETY ZONE DIMENSIONS		EXISTING ORDINANCE				ULTIMATE			
		RWY 17	RWY 35	RWY 5	RWY 23	RWY 17	RWY 35	RWY 5	RWY 23
ZONE A	INNER WIDTH	1,000'	1,000'	500'	500'	1,000'	1,000'	500'	500'
	LENGTH	3,333'	3,333'	2,400'	2,400'	3,333'	3,333'	2,267'	2,267'
	OUTER WIDTH	2,000'	2,000'	1,054'	1,054'	2,000'	1,833'	703'	703'
ZONE B	SLOPE	50:1	50:1	40:1	40:1	34:1	34:1	20:1	20:1
	INNER WIDTH	2,000'	2,000'	1,054'	1,054'	2,000'	1,833'	703'	703'
	LENGTH	1,667'	1,667'	1,200'	1,200'	1,667'	1,667'	1,133'	1,133'
ZONE C	OUTER WIDTH	2,500'	2,500'	1,456'	1,456'	2,500'	2,250'	930'	930'
	SLOPE	50:1	50:1	40:1	40:1	34:1	34:1	20:1	20:1
ZONE C	WITHIN THE PERIMETER OF THE HORIZONTAL ZONE	10,000'	10,000'	5,000'	5,000'	10,000'	10,000'	5,000'	5,000'

LAND USE RESTRICTIONS

Freeborn County, Minnesota - Code of Ordinances - Chapter 4 - Airports and Aviation - April 19, 2017

GENERAL

Subject at all times to the height restrictions set forth, no use shall be made of any land in any of the safety zones defined which creates or causes interference with the operations of radio or electronic facilities on the airport or with radio or electronic communications between airport and aircraft, makes it difficult for pilots to distinguish between airport lights and other lights, results in glare in the eyes of pilots using the airport, impairs visibility in the vicinity of the airport, or otherwise endangers the landing, taking off, or maneuvering of aircraft.

- A. ZONE A: Subject at all times to the height restrictions set forth, and to the general restrictions; areas designated as Zone A shall contain no buildings, temporary structures, exposed transmission lines, or other similar above-ground land use structural hazards and shall be restricted to those uses which will not create, attract, or bring together an assembly of persons thereon. Permitted uses may include, but are not limited to, such uses as agricultural seasonal crops, horticulture, animal husbandry, raising of livestock, wildlife habitat, light outdoor non-spectator recreation, cemeteries, and auto parking.
- B. ZONE B: Subject at all times to the height restrictions set forth and to the general restrictions; areas designated as Zone B shall be restricted in use as follows:
 - B.1. Each use shall be on a site whose area shall not be less than three (3) acres.
 - B.2. Each use shall not create, attract, or bring together a sites population that would exceed fifteen (15) times that of the site acreage.
 - B.3. Each site shall have no more than one (1) building plot upon which any number of structures may be erected.
 - B.4. A building plot shall be a single, uniform and noncontrived area, whose shape is uncomplicated and whose area shall not exceed the following minimum ratios with respect to the total site area:

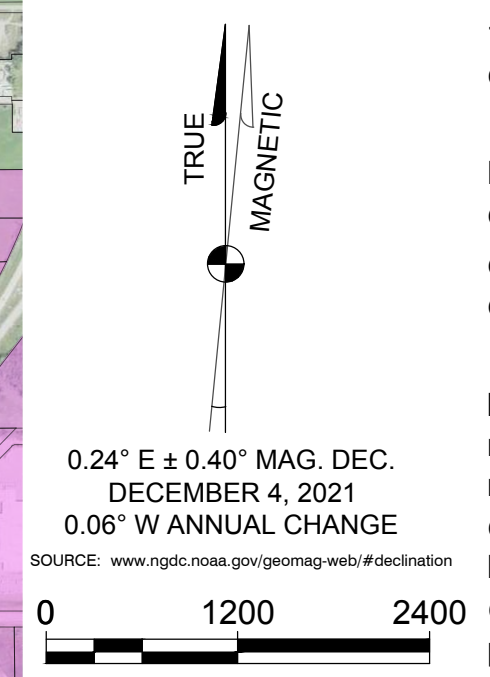
SITE AREA AT LEAST (ACRES)	BUT LESS THAN (ACRES)	RATIO OF SITE AREA TO BLDG PLOT AREAS	BUILDING PLOT AREA (SQ FT)	MAX SITE POPULATION (15 PERSONS/A)
3	4	12:1	10,900	45
4	6	10:1	17,400	60
6	10	8:1	32,700	90
10	20	6:1	72,600	150
20	AND UP	4:1	218,000	300

- C. ZONE C: Zone C is subject only to height restrictions and to the general restrictions contained herein.

HEIGHT RESTRICTIONS: Except as otherwise provided in this Ordinance, and except as necessary and incidental to airport operations, no structure or tree shall be constructed, altered, maintained, or allowed to grow in any airspace zone created so as to project above any of the airspace surfaces described. Where an area is covered by more than one height limitation, the more restrictive limitations shall prevail. Height limits shall be increased by seventeen (17) feet for interstate highways; fifteen (15) feet for all other public roadways; ten (10) feet or the height of the highest mobile object that would normally traverse the road, whichever is greater, for private roads; twenty-three (23) feet for railroads; and for waterways and all other traverse ways not previously mentioned, an amount equal to the height of the highest mobile object that would normally traverse it.

BOUNDARY LIMITATIONS: The county may regulate the location, size and use of buildings and the density of population in that portion of an airport hazard area under the approach zones for a distance not exceeding two (2) miles from the airport boundary and by height restriction zones for a distance not to exceed one and one-half (1 1/2) miles from the airport boundary.

EXISTING USES: Before any existing use or structure may be replaced, substantially altered or repaired, or rebuilt within any zone established herein, a permit must be secured authorizing such replacement, change, or repair. No permit shall be granted that would allow the establishment or creation of an airport hazard or permit a nonconforming use, structure, or tree to become a greater hazard to air navigation that it was on the effective date of this ordinance or any amendments thereto, or than it is when the application for a permit is made. Except as indicated, all applications for such a permit shall be granted.



LAND USES	
ON AIRPORT PROPERTY	
[Red]	RUNWAY / TAXIWAY APRON AREA
[Purple]	TERMINAL AND TERMINAL SUPPORT
[Green]	RUNWAY PROTECTION ZONES
[Light Green]	NON-AVIATION GREEN SPACE
[Pink]	FUTURE COMMERCIAL (NON-AERONAUTICAL)
[Light Blue]	FUTURE AERONAUTICAL
OFF AIRPORT PROPERTY	
[Orange]	BUSINESS
[Yellow]	RESIDENTIAL
[Light Purple]	INDUSTRIAL
[Light Blue]	PLANNED DEVELOPMENT
[Dark Blue]	HOSPITAL
[Light Green]	SCHOOL
[Light Purple]	CHURCH
[Dark Green]	PARK

REVISIONS		
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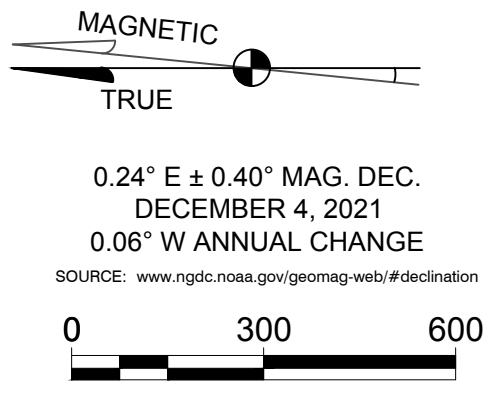
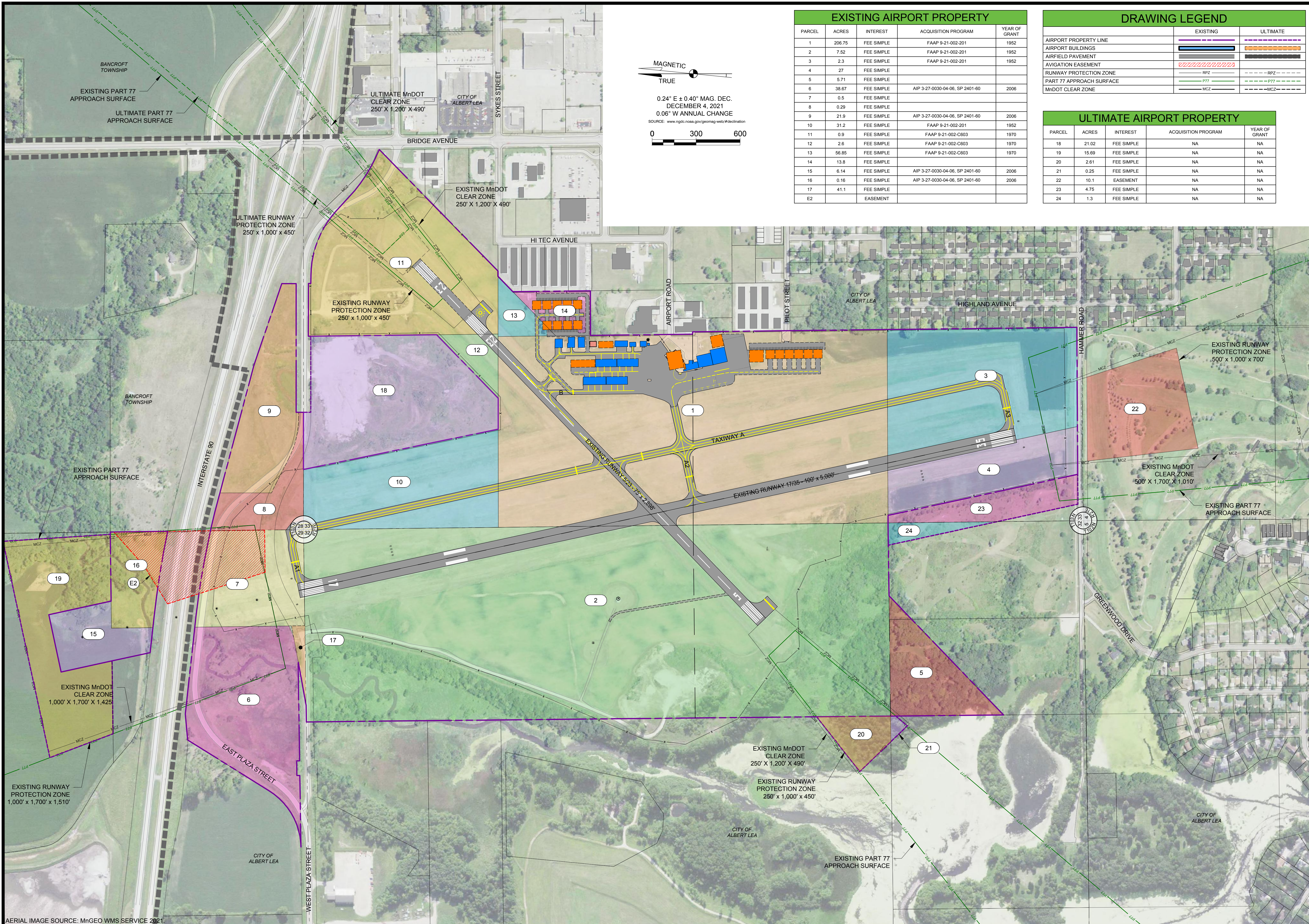
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SHEET CONTENTS
 LAND USE DRAWING

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EXISTING AIRPORT PROPERTY

PARCEL	ACRES	INTEREST	ACQUISITION PROGRAM	YEAR OF GRANT
1	206.75	FEE SIMPLE	FAAP 9-21-002-201	1952
2	7.52	FEE SIMPLE	FAAP 9-21-002-201	1952
3	2.3	FEE SIMPLE	FAAP 9-21-002-201	1952
4	27	FEE SIMPLE		
5	5.71	FEE SIMPLE		
6	38.67	FEE SIMPLE	AIP 3-27-0030-04-06, SP 2401-60	2006
7	0.5	FEE SIMPLE		
8	0.29	FEE SIMPLE		
9	21.9	FEE SIMPLE	AIP 3-27-0030-04-06, SP 2401-60	2006
10	31.2	FEE SIMPLE	FAAP 9-21-002-201	1952
11	0.9	FEE SIMPLE	FAAP 9-21-002-C603	1970
12	2.6	FEE SIMPLE	FAAP 9-21-002-C603	1970
13	56.85	FEE SIMPLE	FAAP 9-21-002-C603	1970
14	13.8	FEE SIMPLE		
15	6.14	FEE SIMPLE	AIP 3-27-0030-04-06, SP 2401-60	2006
16	0.16	FEE SIMPLE	AIP 3-27-0030-04-06, SP 2401-60	2006
17	41.1	FEE SIMPLE		
E2		EASEMENT		

DRAWING LEGEND

	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
AIRPORT BUILDINGS		
AIRFIELD PAVEMENT		
AVIGATION EASEMENT		
RUNWAY PROTECTION ZONE		
PART 77 APPROACH SURFACE		
MnDOT CLEAR ZONE		

ULTIMATE AIRPORT PROPERTY

PARCEL	ACRES	INTEREST	ACQUISITION PROGRAM	YEAR OF GRANT
18	21.02	FEE SIMPLE	NA	NA
19	15.69	FEE SIMPLE	NA	NA
20	2.61	FEE SIMPLE	NA	NA
21	0.25	FEE SIMPLE	NA	NA
22	10.1	EASEMENT	NA	NA
23	4.75	FEE SIMPLE	NA	NA
24	1.3	FEE SIMPLE	NA	NA

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SHEET CONTENTS
AIRPORT PROPERTY MAP
SHEET NO.

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AERIAL IMAGE SOURCE: MnGeo WMS SERVICE 2021