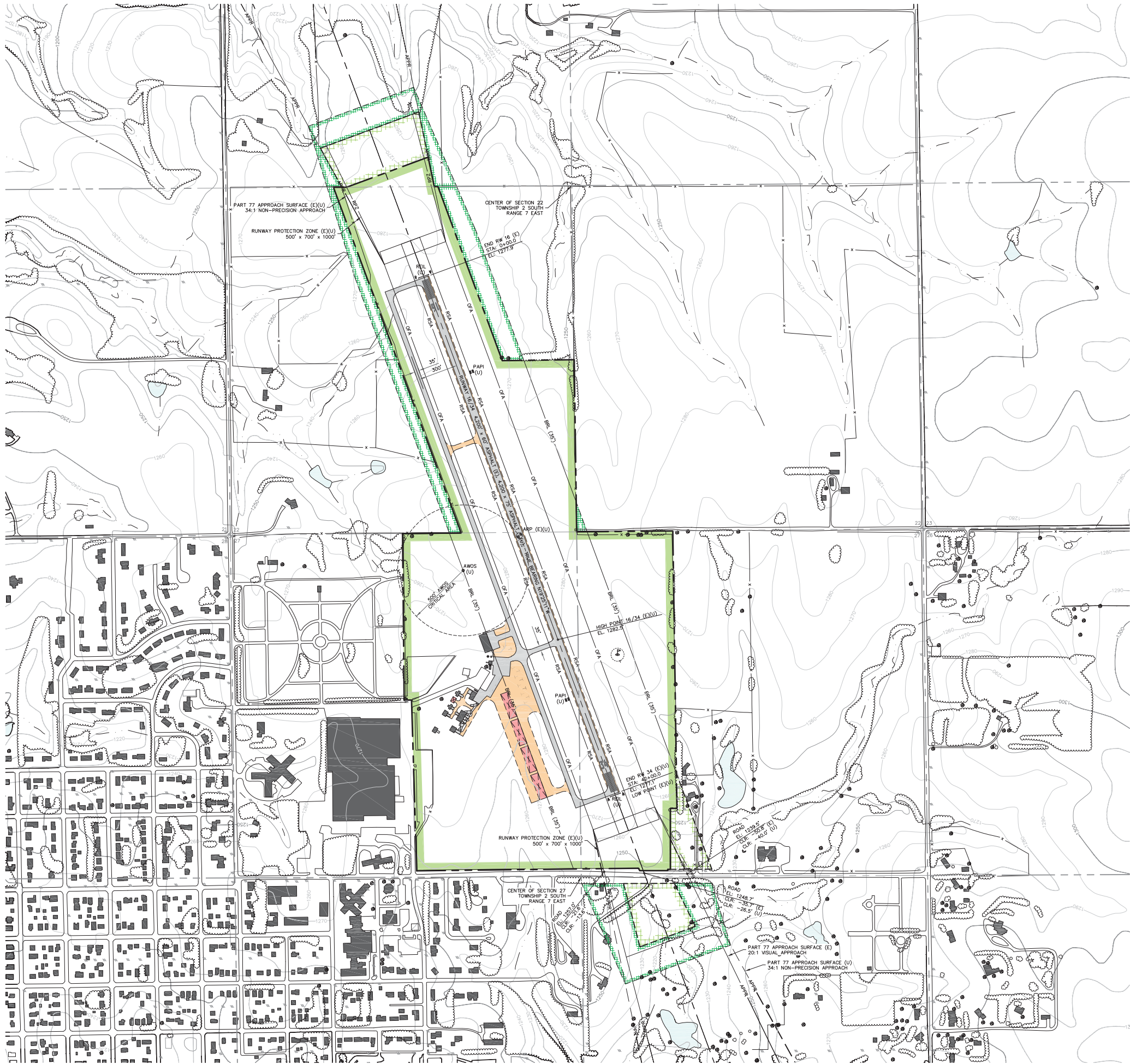


MARYSVILLE MUNICIPAL AIRPORT MARYSVILLE, KANSAS

AIRPORT LAYOUT PLAN
JULY 2008
(AS-BUILTS APRIL 2012)

SHEET INDEX	
	SHEET NAME
1	AIRPORT LAYOUT PLAN
2	AIRPORT DATA
3	AIRPORT AIRSPACE PLAN, APPROACH PROFILES
4	EXISTING AND ULTIMATE RUNWAY 16 INNER APPROACH PLAN AND PROFILE
5	EXISTING AND ULTIMATE RUNWAY 34 INNER APPROACH PLAN AND PROFILE
6	EXISTING AND ULTIMATE RUNWAY 16/34 DEPARTURE PLAN AND PROFILE
7	EXISTING AND ULTIMATE RUNWAY 16/34 PLAN AND PROFILE
8	TERMINAL AREA PLAN
9	LAND USE PLAN
10	AIRPORT PROPERTY MAP



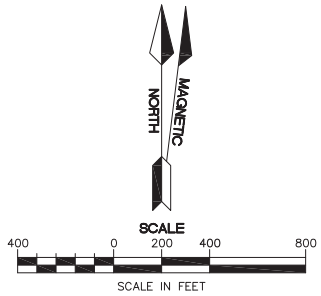
LEGEND	EXISTING (E)	ULTIMATE (U)
BUILDINGS		
AIRFIELD PAVEMENT		
AIRFIELD TURF		
TO BE REMOVED		
PROPERTY LINE		
EASEMENT		
ELEVATION CONTOURS	910	
SECTION LINE	---	---
RUNWAY SAFETY AREA (RSA)	RSA	RSA
RUNWAY PROTECTION ZONE (RPZ)	RPZ	RPZ
APPROACH SURFACE (APPR)	APPR	APPR
BUILDING RESTRICTION LINE WITH HEIGHT (BRL)	BRL (35')	
FENCE	x	xx
PAVED ROADS		
GRAVEL ROADS		
TREES/TREE MASS		
AIRPORT REFERENCE POINT		ARP (U)
REIL		
PAPI		
RUNWAY THRESHOLD LIGHTS	oooo	oooo
AIRPORT BEACON		
WIND CONE		
SECTION CORNER	25 26 35 36	

APPROVAL - CITY OF MARYSVILLE

APPROVED BY: _____ DATE: _____

CITY ADMINISTRATOR

GENERAL NOTES:
1. LATITUDE AND LONGITUDE ARE BASED ON NAD 1983. MSL ELEVATIONS ARE BASED ON NAVD 88.
2. EXISTING FEATURES BASED ON AN AERIAL PHOTO TAKEN IN 2007.
3. CONTOUR DATA BASED ON USGS QUADRANGLE MAPS LISTED ON SHEET 3.
4. IT IS RECOMMENDED THAT NONSTANDARD TURNS TO RUNWAY 16 AND STANDARD TURNS TO RUNWAY 34 BE ESTABLISHED DUE TO EXISTING 1759' AMSL STRUCTURE LOCATED NORTH-NORTHEAST OF THE AIRPORT.

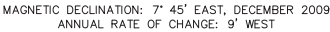


MAGNETIC DECLINATION: 3° 53' EAST, DECEMBER 2009
ANNUAL RATE OF CHANGE: 7" WEST

REV	DATE	DESCRIPTION
1	4/19/12	AP-07 AS-BUILTS

AIRPORT LAYOUT PLAN
AIRPORT LAYOUT PLAN AIP 3-20-0053-03
MARYSVILLE MUNICIPAL AIRPORT MARYSVILLE, KANSAS

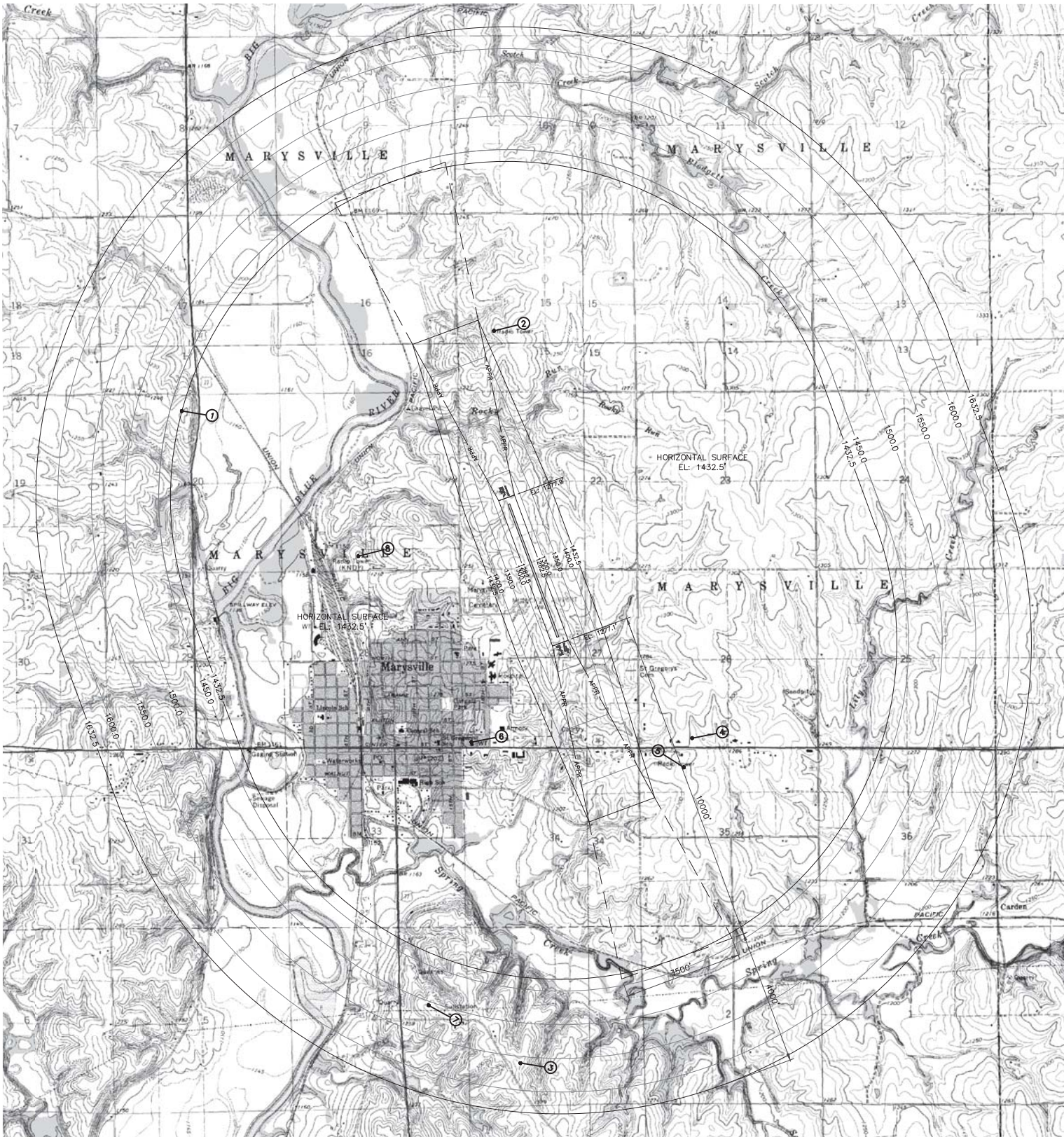
drawn by: JDB
checked by: DJH
approved by: DJH
project no.: 2007-0673
dwg name: 70673_ALP
date: 7/08



WIND COVERAGE		
	WIND SPEED	RUNWAY 16/34
	10.5 KNOTS	93.78%
	13 KNOTS	97.03%
	16 KNOTS	99.15%

DATA SOURCE: NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NORTH CAROLINA
STATION LOCATION: BEATRICE MUNICIPAL AIRPORT, NE
PERIOD: 1997-2006

SHEET
2 OF 10

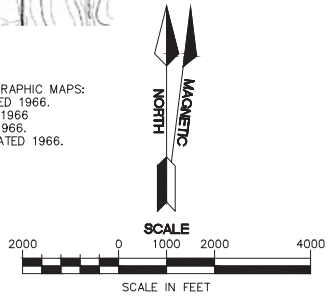


OBSTRUCTION TABLE		AIRPORT AIRSPACE				
		DESCRIPTION	ELEVATION	PENETRATION AMOUNT	PLANNED DISPOSITION	AIRSPACE STUDY NO.
1		TOWER	1671.2'	+238.7'	NONE*	2001-ACE-758-OE
2		TOWER	1766.5'	+334.0'	NONE*	1995-ACE-762-OE
3		TOWER	1501.2'	-58.5'	NONE*	1997-ACE-993-OE
4		TOWER	1433.0'	+0.5'	NONE*	1998-ACE-444-OE
5		WATER TANK	1416.5'	-16.0'	NONE	
6		WATER TANK	1427.8'	-4.7'	NONE	
7		TOWER	1566.7'	+61.3'	NONE*	95-CE-0585**
8		TOWER	1394.4'	-38.1'	NONE	

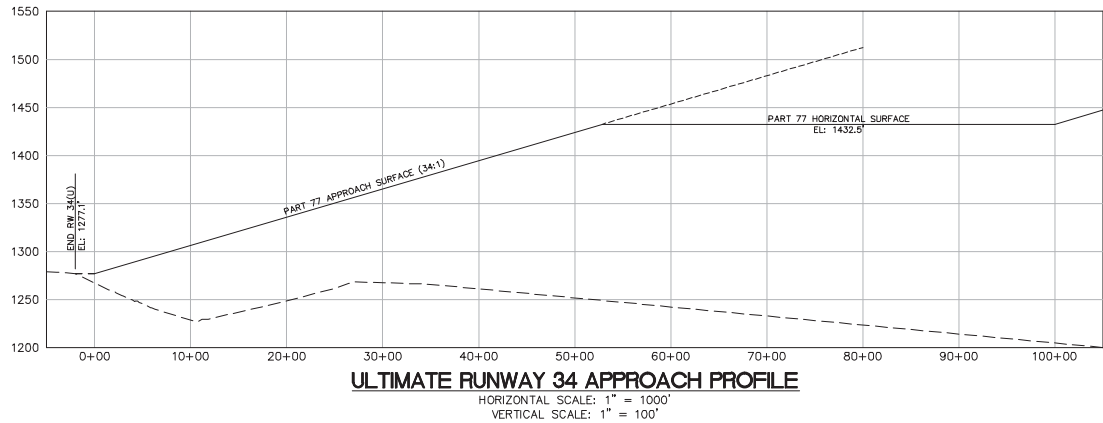
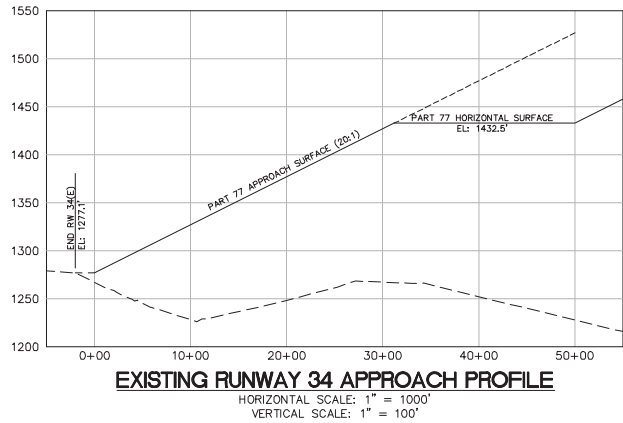
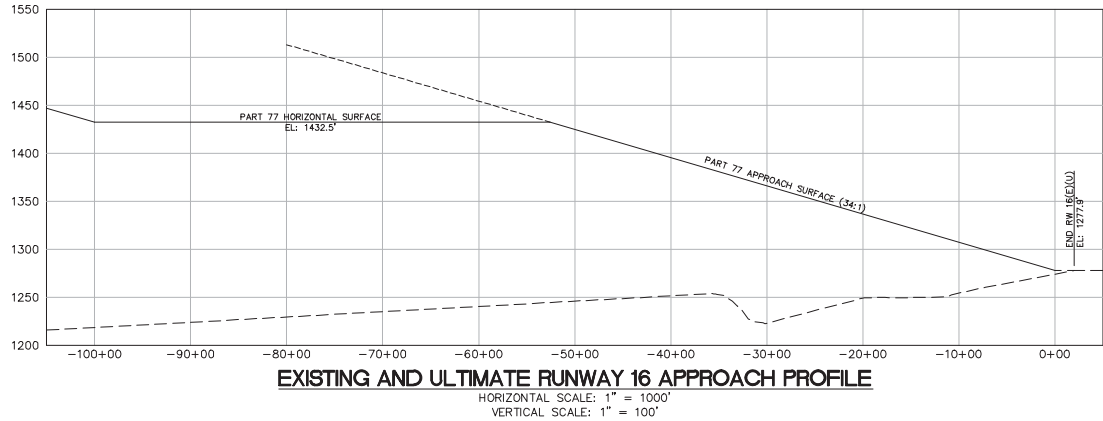
NOTES:
1. OBSTRUCTIONS ARE POSITIVE (+), CLEARANCES ARE NEGATIVE (-)
2. IT IS RECOMMENDED THAT NONSTANDARD TURNS TO RUNWAY 16 AND STANDARD TURNS TO RUNWAY 34 BE ESTABLISHED DUE TO EXISTING 1759' AMSL STRUCTURE LOCATED NORTH-NORTHEAST OF THE AIRPORT.

* NOT A HAZARD, PER FAA AERONAUTICAL STUDY
** STUDY NO. OBTAINED FROM DIGITAL OBSTACLE FILE

U.S.G.S. QUADRANGLE TOPOGRAPHIC MAPS:
1. HERKIMER, KANSAS, DATED 1966.
2. OKETO, KANSAS, DATED 1966
3. HOME, KANSAS, DATED 1966.
4. MARYSVILLE, KANSAS, DATED 1966.



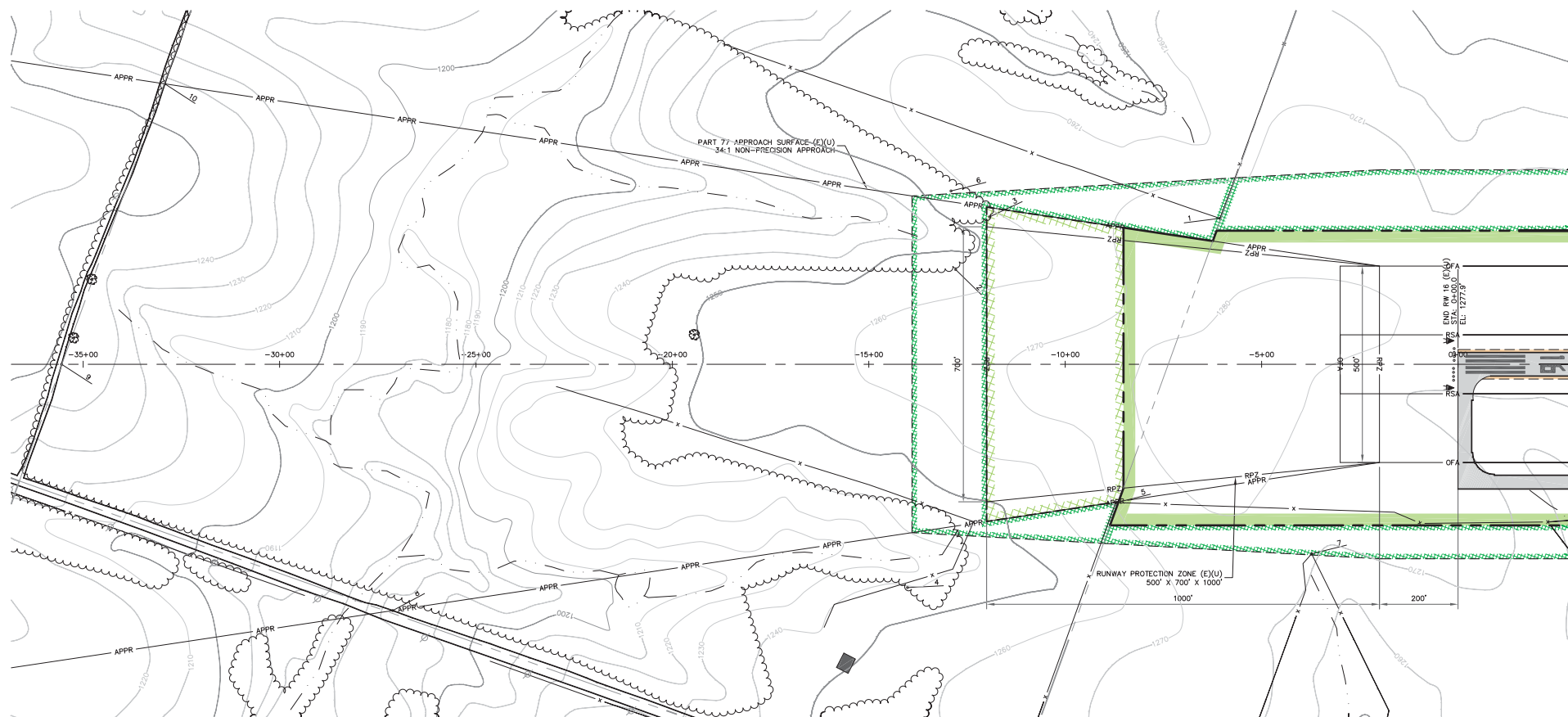
MAGNETIC DECLINATION: 3° 53' EAST, DECEMBER 2009
ANNUAL RATE OF CHANGE: 7' WEST



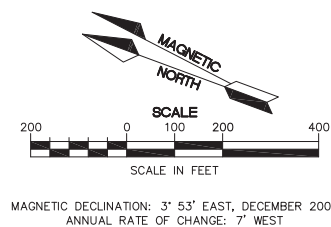
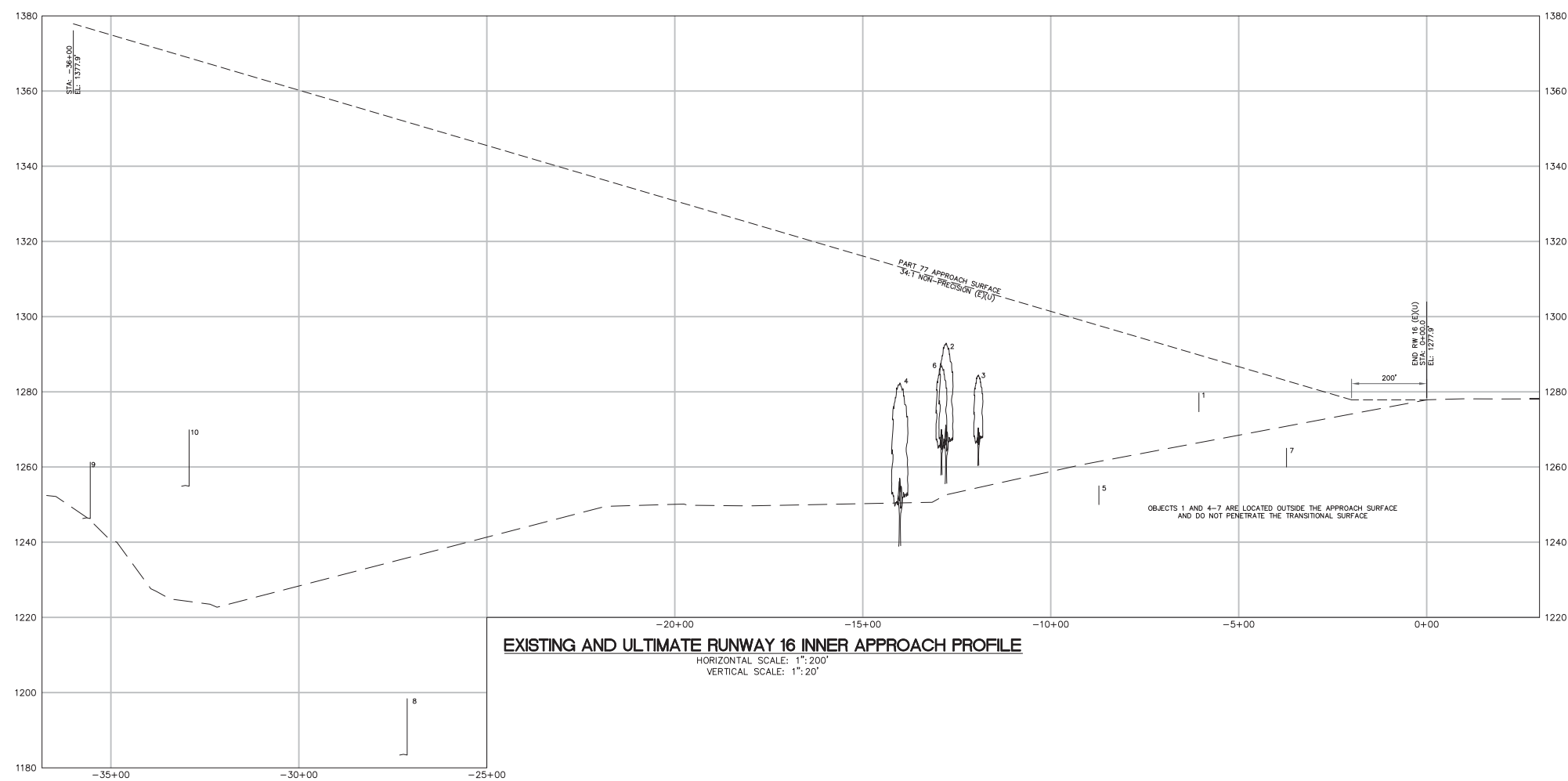
REV	DATE	DESCRIPTION
1	4/19/12	AP-07 AS-BUILTS

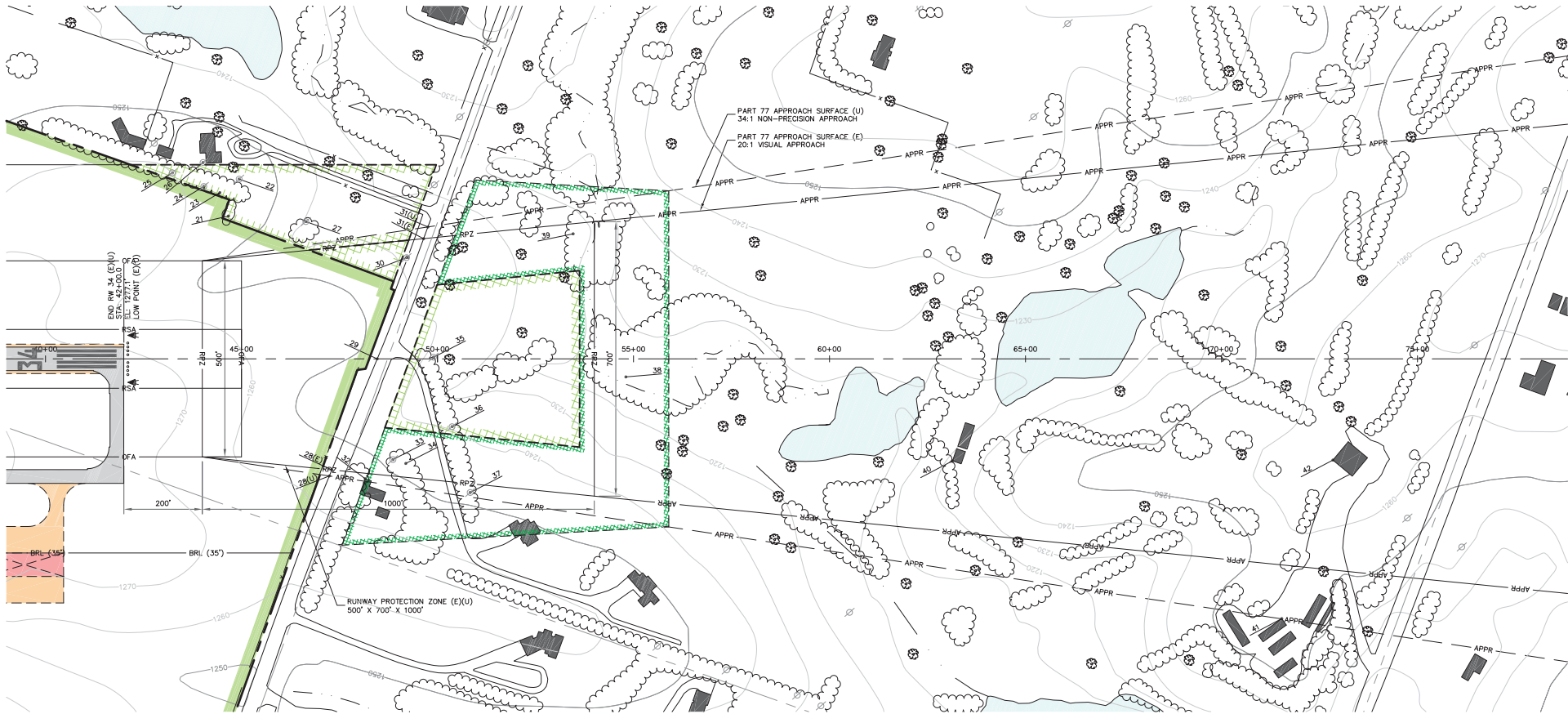
AIRPORT AIRSPACE PLAN APPROACH PROFILES
AIRPORT LAYOUT PLAN AIP 3-20-0053-03
MARYSVILLE MUNICIPAL AIRPORT MARYSVILLE, KANSAS

drawn by: JDB
checked by: DJH
approved by: DJH
project no.: 2007-0673
dwg name: 70673_ALP
date: 7/08



EXISTING AND ULTIMATE RUNWAY 16 INNER APPROACH PLAN
SCALE: 1"=200'



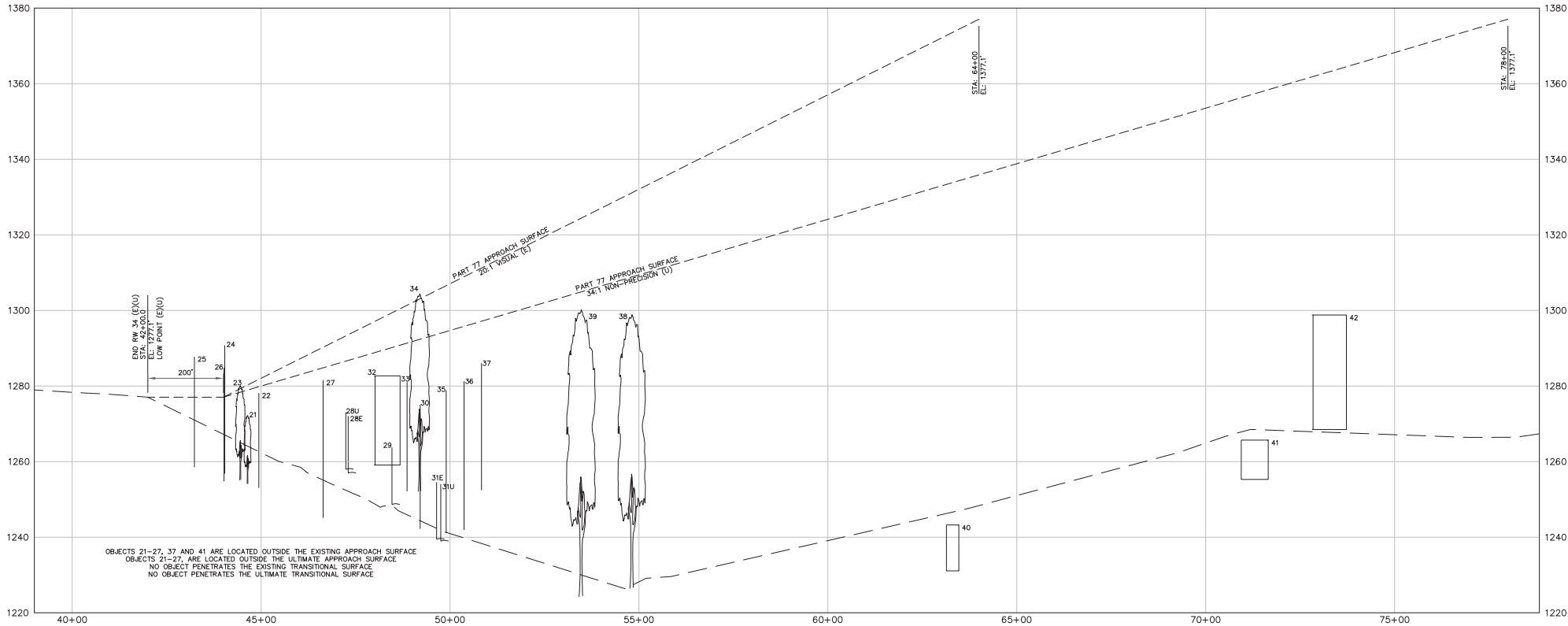


EXISTING AND ULTIMATE RUNWAY 34 INNER APPROACH PLAN
SCALE: 1"=200'

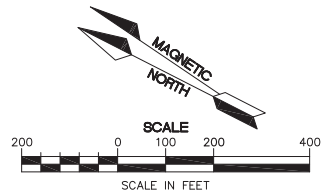
OBSTRUCTION TABLE		EXISTING AND ULTIMATE RUNWAY 34			
		DESCRIPTION	ELEVATION	PENETRATION AMOUNT	PLANNED DISPOSITION
21		TREE	1272.2'	-22.4'(E)/-20.7'(U)	NONE
22		UTILITY POLE	1278.1'	-32.1'(E)/-29.5'(U)	NONE
23		TREE	1280.1'	-23.4'(E)/-22.2'(U)	NONE
24		UTILITY POLE	1290.7'	-13.6'(E)/-13.5'(U)	NONE
25		UTILITY POLE	1287.7'	-21.5'	NONE
26		UTILITY POLE	1284.8'	-28.2'(E)/-28.1'(U)	NONE
27		UTILITY POLE	1281.5'	-19.3'(E)/-12.0'(U)	NONE
28E	ROAD AT APPROACH SURFACE	1257.0'	-21.6'	NONE	
28U	ROAD AT APPROACH SURFACE	1258.0'	-13.6'	NONE	
29	ROAD AT CENTERLINE	1248.7'	-35.7'(E)/-26.5'(U)	NONE	
30	UTILITY POLE	1275.0'	-28.1'(E)/-17.4'(U)	NONE	
31E	ROAD AT APPROACH SURFACE	1239.5'	-50.8'	NONE	
31U	ROAD AT APPROACH SURFACE	1239.0'	-40.0'	NONE	
32	BUILDING	1282.7'	-17.2'(E)/-6.6'(U)	NONE	
33	UTILITY POLE	1281.0'	-20.5'(E)/-10.5'(U)	NONE	
34	TREE	1304.4'	+1.3'(E)/+12.0'(U)	TOP/REMOVE	
35	UTILITY POLE	1278.8'	-27.8'(E)/-15.6'(U)	NONE	
36	UTILITY POLE	1281.2'	-27.8'(E)/-14.7'(U)	NONE	
37	UTILITY POLE	1286.0'	-28.5'(E)/-11.2'(U)	NONE	
38	TREE	1298.9'	-32.2'(E)/-10.0'(U)	NONE	
39	TREE	1300.2'	-24.2'(E)/-4.7'(U)	NONE	
40	BUILDING	1243.2'	-129.6'(E)/-90.2'(U)	NONE	
41	BUILDING	1265.7'	-168.6'(E)/-92.4'(U)	NONE	
42	BUILDING	1298.8'	-122.5'(E)/-63.1'(U)	NONE	

NOTE: OBSTRUCTIONS ARE POSITIVE (+), CLEARANCES ARE NEGATIVE (-)

LEGEND	EXISTING (E)	ULTIMATE (U)
BUILDINGS		
AIRFIELD PAVEMENT		
PROPERTY LINE		
EASEMENT		
ELEVATION CONTOURS		
RUNWAY SAFETY AREA (RSA)		
RUNWAY PROTECTION ZONE (RPZ)		
OBJECT FREE AREA (OFA)		
BUILDING RESTRICTION LINE WITH HEIGHT (BRL)		
APPROACH SURFACE (APPR)		
FENCE		
PAVED ROADS		
GRAVEL ROADS		
TREES/TREE MASS		
RUNWAY THRESHOLD LIGHTS		
OBSTRUCTION LABEL		



EXISTING AND ULTIMATE RUNWAY 34 INNER APPROACH PROFILE
HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'



MAGNETIC DECLINATION: 3° 53' EAST, DECEMBER 2009
ANNUAL RATE OF CHANGE: 7" WEST

OLSSON

ASSOCIATES

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P.O. Box 84808

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www.olsonconsulting.com

EXISTING AND ULTIMATE RUNWAY 34

INNER APPROACH PLAN AND PROFILE

AIRPORT LAYOUT PLAN

AIP 3-20-0053-03

MARYSVILLE MUNICIPAL AIRPORT

MARYSVILLE, KANSAS

drawn by: JDB

checked by: DJH

approved by: DJH

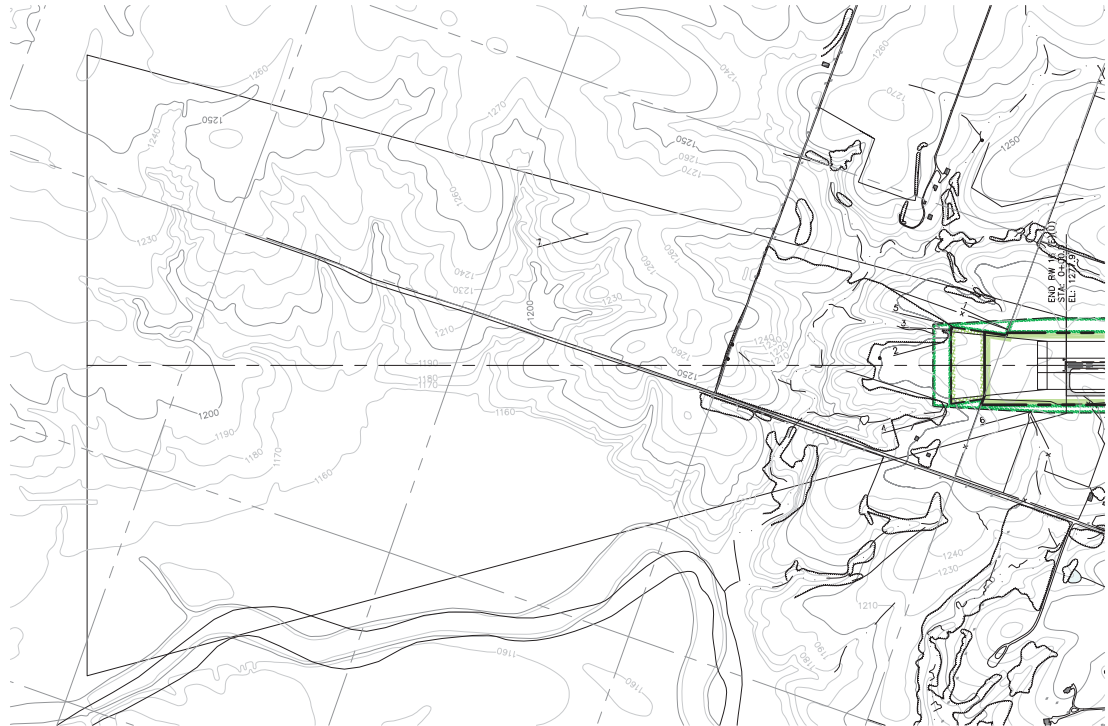
project no.: 2007-0673

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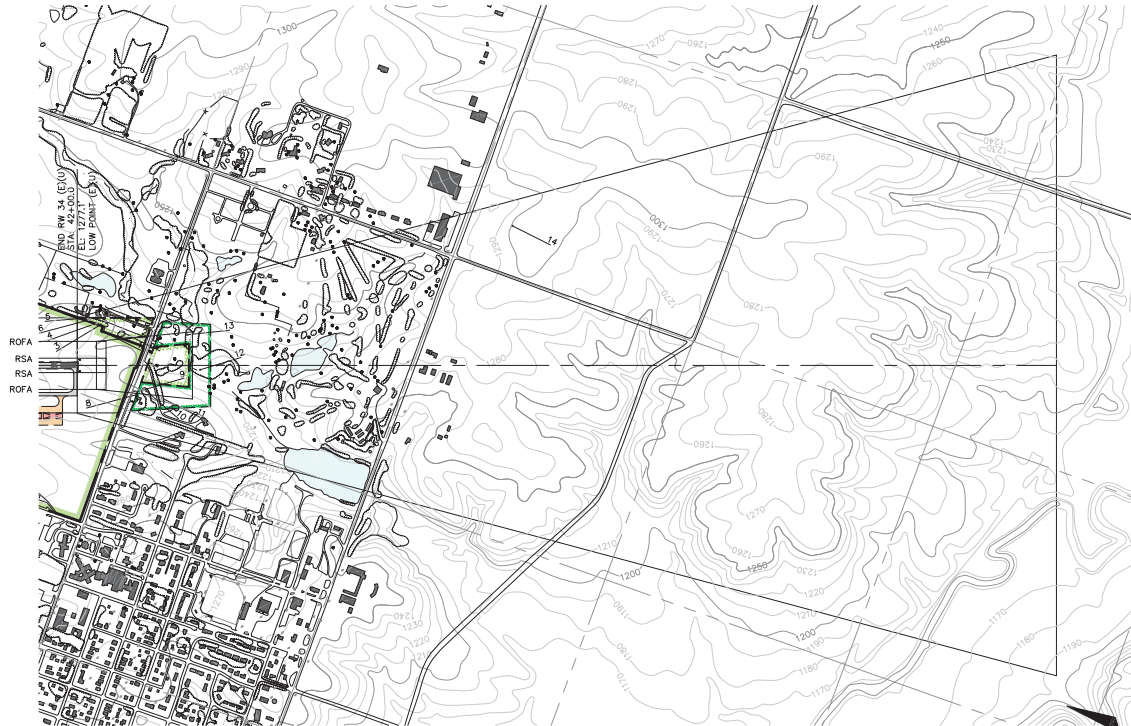
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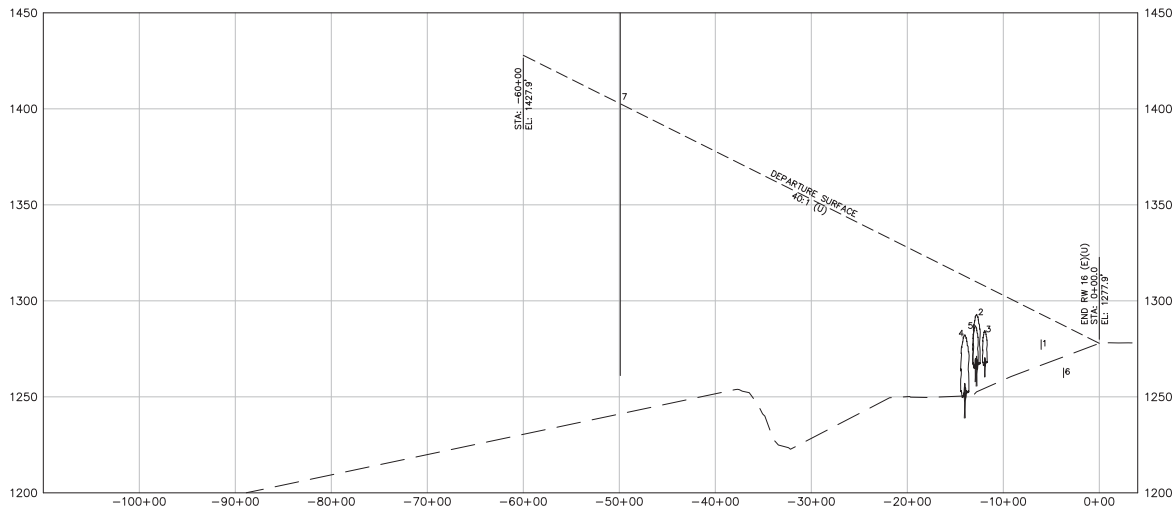
5 OF 10



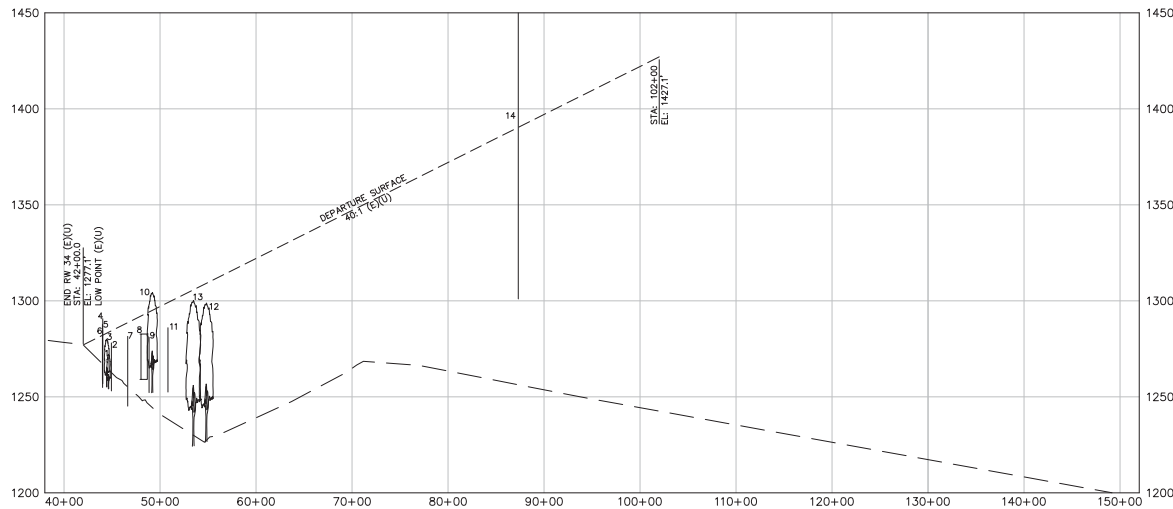
EXISTING AND ULTIMATE RUNWAY 16 DEPARTURE SURFACE PLAN
SCALE: 1"=1000'



EXISTING AND ULTIMATE RUNWAY 34 DEPARTURE SURFACE PLAN
SCALE: 1"=1000'



EXISTING AND ULTIMATE RUNWAY 16 DEPARTURE SURFACE PROFILE
HORIZONTAL SCALE: 1"=1000'
VERTICAL SCALE: 1"=50'



EXISTING AND ULTIMATE RUNWAY 34 DEPARTURE SURFACE PROFILE
HORIZONTAL SCALE: 1"=1000'
VERTICAL SCALE: 1"=50'

OBSTRUCTION TABLE		ULTIMATE RUNWAY 16			
		DESCRIPTION	ELEVATION	PENETRATION AMOUNT	PLANNED DISPOSITION
1		FENCE	1279.7'	-13.4'	NONE
2		TREE	1293.0'	-16.9'	NONE
3		TREE	1284.5'	-23.2'	NONE
4		TREE	1282.4'	-30.5'	NONE
5		TREE	1287.0'	-23.2'	NONE
6		FENCE	1265.0'	-22.2'	NONE
7		TOWER	1766.5'	+36.3'	MODIFY DEPARTURE*

NOTE: OBSTRUCTIONS ARE POSITIVE (+). CLEARANCES ARE NEGATIVE (-)
* FLIGHT PROCEDURE OFFICE (FPO) GUIDANCE IS REQUESTED AS PART OF THE REVIEW OF THIS DRAFT ALP.

LEGEND	EXISTING (E)	ULTIMATE (U)
BUILDINGS		
AIRFIELD PAVEMENT		
PROPERTY LINE		
EASEMENT		
ELEVATION CONTOURS		
RUNWAY SAFETY AREA (RSA)		
RUNWAY PROTECTION ZONE (RPZ)		
OBJECT FREE AREA (OFA)		
BUILDING RESTRICTION LINE WITH HEIGHT (BRL)		
APPROACH SURFACE (APPR)		
FENCE		
PAVED ROADS		
GRAVEL ROADS		
TREES/TREE MASS		
RUNWAY THRESHOLD LIGHTS		
OBSTRUCTION LABEL		

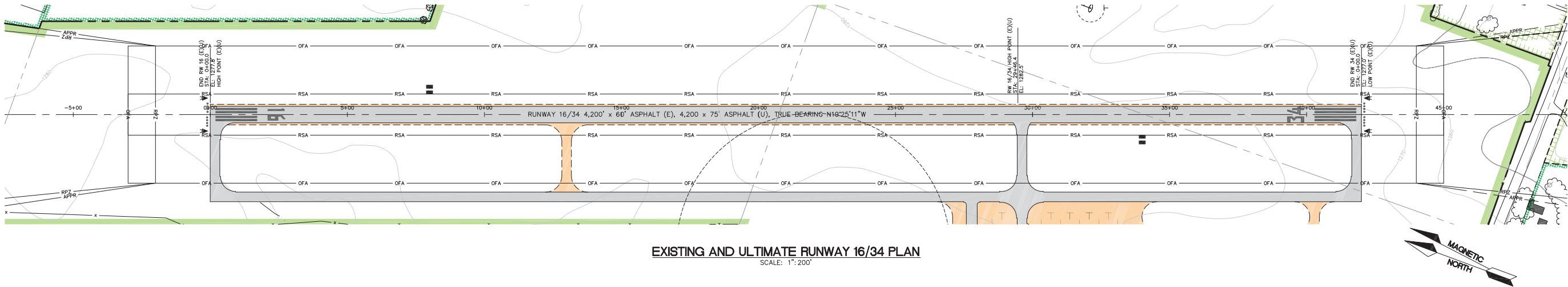
OBSTRUCTION TABLE		EXISTING AND ULTIMATE RUNWAY 34			
		DESCRIPTION	ELEVATION	PENETRATION AMOUNT	PLANNED DISPOSITION
1		TREE	1272.2'	-11.5'	NONE
2		UTILITY POLE	1278.1'	-6.4'	NONE
3		TREE	1280.1'	-3.1'	NONE
4		UTILITY POLE	1290.7'	+8.5'	NONE*
5		UTILITY POLE	1287.7'	+5.6'	NONE*
6		ANTENNA	1284.8'	+2.7'	NONE*
7		UTILITY POLE	1281.5'	-7.2'	NONE
8		BUILDING	1282.7'	-9.8'	NONE
9		UTILITY POLE	1281.0'	-13.3'	NONE
10		TREE	1304.4'	+9.3'	NONE*
11		UTILITY POLE	1286.0'	-13.2'	NONE
12		TREE	1298.9'	-10.2'	NONE
13		TREE	1300.2'	-5.5'	NONE
14		TOWER	1489.1'	+98.7'	MODIFY DEPARTURE**

NOTE: OBSTRUCTIONS ARE POSITIVE (+), CLEARANCES ARE NEGATIVE (-)
* PENETRATIONS OF LESS THAN 35' DO NOT REQUIRE MITIGATION, PER AC 150/5300-13, APPENDIX 2, PARAGRAPH 5d(1)
** FLIGHT PROCEDURE OFFICE (FPO) GUIDANCE IS REQUESTED AS PART OF THE REVIEW OF THIS DRAFT ALP.

REV	DATE	DESCRIPTION	REVISIONS
1	4/19/12	AP-07 AS-BUILTS	

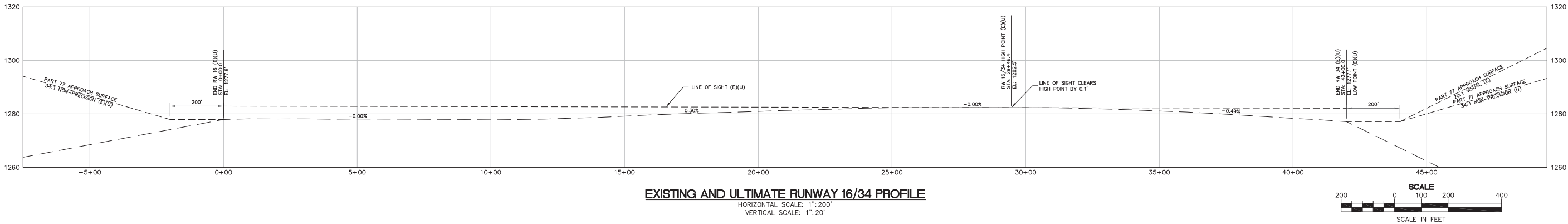
EXISTING AND ULTIMATE RUNWAY 16/34 DEPARTURE SURFACE PLAN AND PROFILE	AIRPORT LAYOUT PLAN AIP 3-20-0053-03	MARYSVILLE MUNICIPAL AIRPORT MARYSVILLE, KANSAS
--	---	--

drawn by: JDB
checked by: DJH
approved by: DJH
project no.: 2007-0673
dwg name: 70673_ALP
date: 7/08



EXISTING AND ULTIMATE RUNWAY 16/34 PLAN

SCALE: 1"=200'



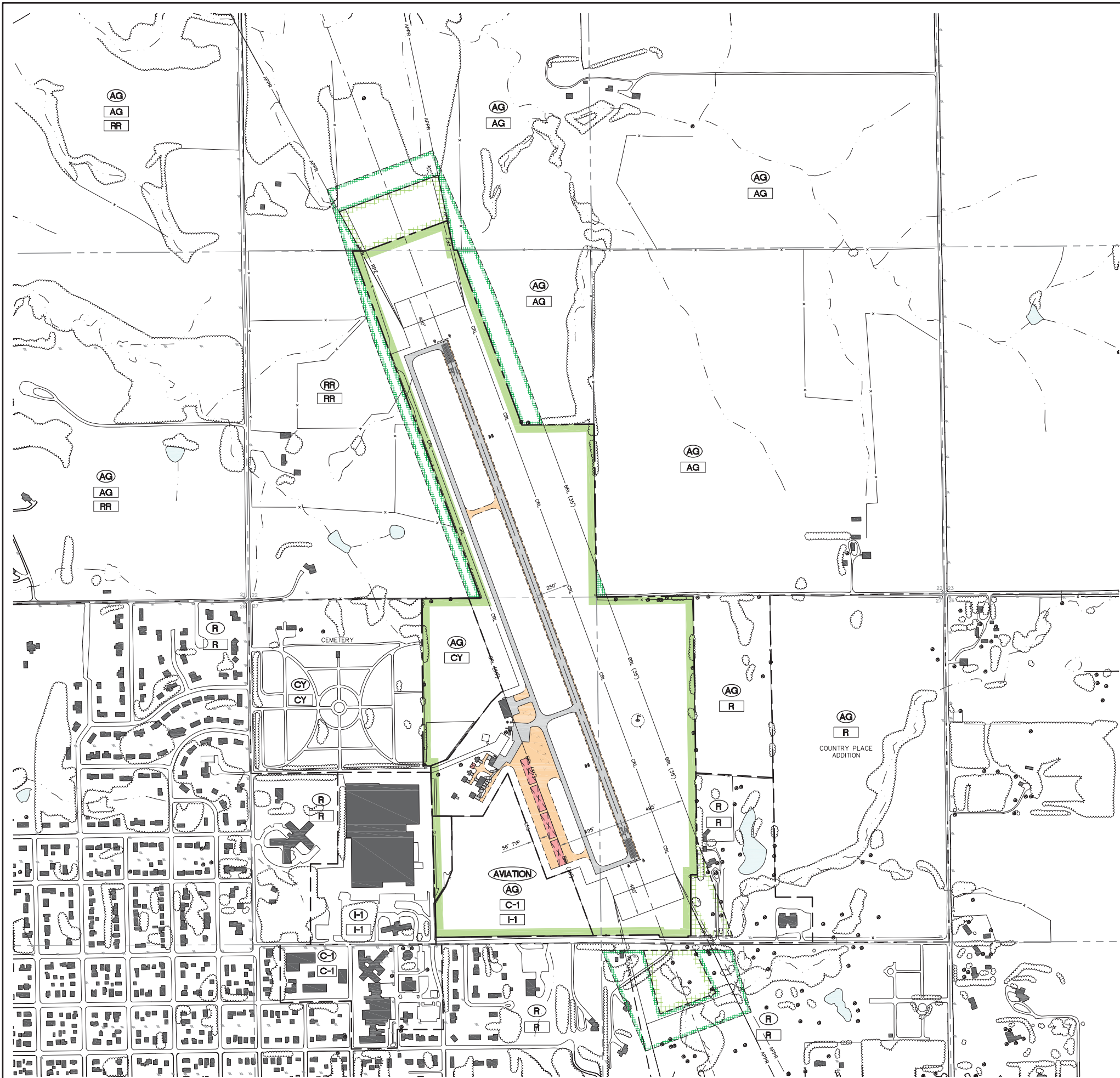
EXISTING AND ULTIMATE RUNWAY 16/34 PROFILE

HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'

REV	DATE	DESCRIPTION
1	4/19/12	AIP-07 AS-BUILT

EXISTING AND ULTIMATE RW 16/34 PLAN AND PROFILE
AIRPORT LAYOUT PLAN AIP 3-20-0053-03
MARYSVILLE MUNICIPAL AIRPORT MARYSVILLE, KANSAS

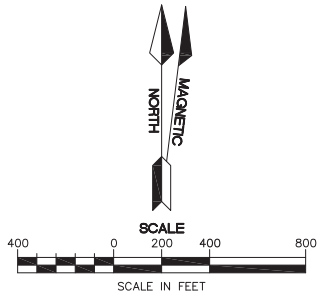
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date: 7/08



LEGEND	EXISTING (E)	ULTIMATE (U)*
AGRICULTURAL/AG- TRANSITIONAL	AG	AG
COMMERCIAL	C-1	C-1
LIGHT INDUSTRIAL	I-1	I-1
INDUSTRIAL	I-2	I-2
RESIDENTIAL	R	R
RURAL RESIDENTIAL	RR	RR
CEMETERY	CY	CY

*ULTIMATE LAND USE IS THE SAME AS CITY ZONING
NOTE: CRL FOLLOWS RUNWAY VISIBILITY ZONE

LEGEND	EXISTING (E)	ULTIMATE (U)
BUILDINGS		
AIRFIELD PAVEMENT		
AIRFIELD TURF		
TO BE REMOVED		
LAKE/RIVER		
PROPERTY LINE		
EASEMENT		
SECTION LINE		
RUNWAY SAFETY AREA (RSA)	RSA	RSA
RUNWAY PROTECTION ZONE (RPZ)	RPZ	RPZ
CROP RESTRICTION LINE (CRL)		CRL
APPROACH SURFACE (APPR)	APPR	APPR
BUILDING RESTRICTION LINE WITH HEIGHT (BRL)	BRL (35')	
FENCE	x	
PAVED ROADS		
GRAVEL ROADS		
TREES/TREE MASS		
PAPI		
RUNWAY THRESHOLD LIGHTS	oooo	
AIRPORT BEACON	*	*
ZONING BOUNDARY	- - - -	- - - -
SECTION CORNER	25 1 25 35 36	

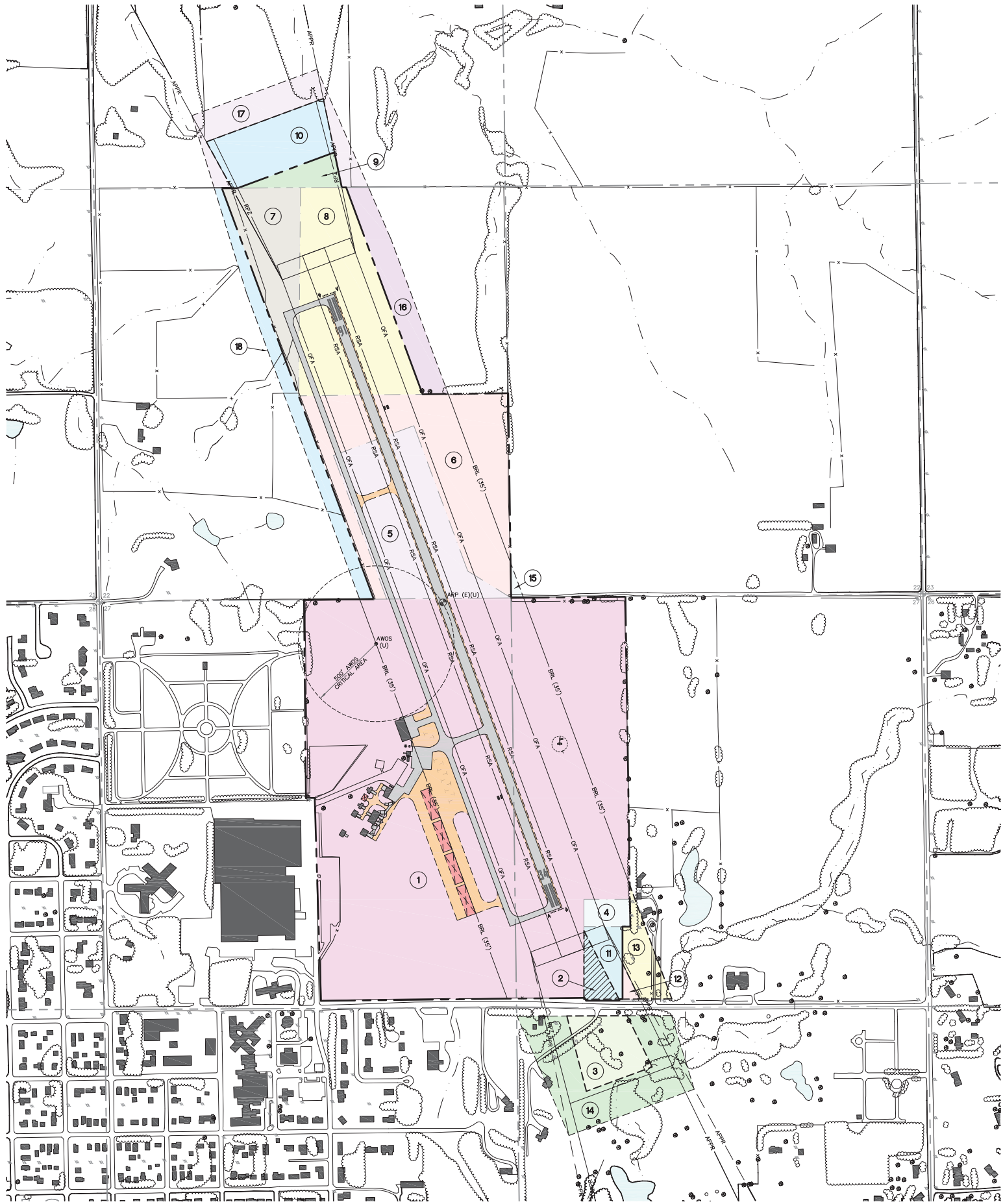


MAGNETIC DECLINATION: 3° 53' EAST, DECEMBER 2009
ANNUAL RATE OF CHANGE: 7" WEST

REV	DATE	DESCRIPTION	REVISIONS
1	4/19/12	AIP-07 AS-BUILT	

LAND USE PLAN	AIRPORT LAYOUT PLAN AIP 3-20-0053-03	MARYSVILLE MUNICIPAL AIRPORT MARYSVILLE, KANSAS
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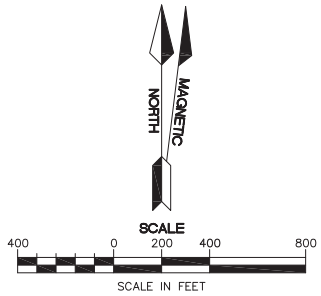
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dwg name: 70673_ALP
date: 7/08



PROPERTY TABLE		AREA	DATE ACQUIRED/GRADED	TYPE OF ACQUISITION	PROJECT NUMBER
1	AREA 1	120.66 ac	03/09/48	FEE	N/A
2	AREA 2	1.53 ac	03/21/73	EASEMENT	N/A
3	AREA 3	4.52 ac	04/12/73	EASEMENT	N/A
4	AREA 4	1.23 ac	10/24/73	FEE	N/A
5	AREA 5	13.80 ac	10/14/74	FEE	N/A
6	AREA 6	19.72 ac	01/01/93	FEE	N/A
7	AREA 7	7.40 ac	01/01/93	FEE	N/A
8	AREA 8	18.11 ac	04/12/93	FEE	N/A
9	AREA 9	1.84 ac	10/24/93	FEE	N/A
10	AREA 10	5.67 ac	01/11/96	EASEMENT	N/A
11	AREA 11	2.98 ac	04/29/08	FEE	3-20-0053-04
12	AREA 12	0.29 ac	04/29/08	EASEMENT	3-20-0053-04
13	AREA 13	2.47 ac	04/29/08	EASEMENT	3-20-0053-04
14	AREA 14	9.55 ac	SHORT TERM	EASEMENT	N/A
15	AREA 15	0.21 ac	SHORT TERM	EASEMENT	N/A
16	AREA 16	4.95 ac	SHORT TERM	EASEMENT	N/A
17	AREA 17	5.71 ac	SHORT TERM	EASEMENT	N/A
18	AREA 18	5.17 ac	SHORT TERM	EASEMENT	N/A

NOTE:
1. PROPERTY OWNERSHIP FROM PREVIOUS ALP BY BUCHER, WILLIS AND RATLIFF, 2002.
2. AREA 2 ACQUIRED IN FEE AS PART OF AREA 11.

LEGEND	EXISTING (E)	ULTIMATE (U)
BUILDINGS		
AIRFIELD PAVEMENT		
AIRFIELD TURF		
TO BE REMOVED		
PROPERTY LINE		
EASEMENT		
SECTION LINE		
RUNWAY SAFETY AREA (RSA)		
RUNWAY PROTECTION ZONE (RPZ)		
APPROACH SURFACE (APPR)		
BUILDING RESTRICTION LINE WITH HEIGHT (BRL)		
FENCE		
PAVED ROADS		
GRAVEL ROADS		
TREES/TREE MASS		
PAPI		
RUNWAY THRESHOLD LIGHTS		
AIRPORT BEACON		
WIND CONE		
SECTION CORNER		



MAGNETIC DECLINATION: 3° 53' EAST, DECEMBER 2009
ANNUAL RATE OF CHANGE: 7' WEST

REVISIONS	
REV	DESCRIPTION
1	4/19/12 AIP-07 AS-BUILTS

AIRPORT PROPERTY MAP
AIRPORT LAYOUT PLAN AIP 3-20-0053-03
MARYSVILLE MUNICIPAL AIRPORT MARYSVILLE, KANSAS

drawn by: JDB
checked by: DJH
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project no.: 2007-0673
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