

AIRPORT LAYOUT PLAN

FOR THE

LIVINGSTON MUNICIPAL AIRPORT

LIVINGSTON, TENNESSEE

STATE OF TENNESSEE

BILL LEE, GOVERNOR

DEPARTMENT OF TRANSPORTATION

BUTCH ELEY, DEPUTY GOVERNOR & TDOT COMMISSIONER
JAY NORRIS, AERONAUTICS DIRECTOR
JOHN PAUL SAALWAECHTER, P.E., ASSISTANT DIRECTOR OF DEVELOPMENT
MICHAEL STULTZ, PROJECT MANAGER
STEPHANIE SALOOM, TRANSPORTATION PROGRAM MONITOR (PLANNING)

TOWN OF LIVINGSTON OVERTON COUNTY

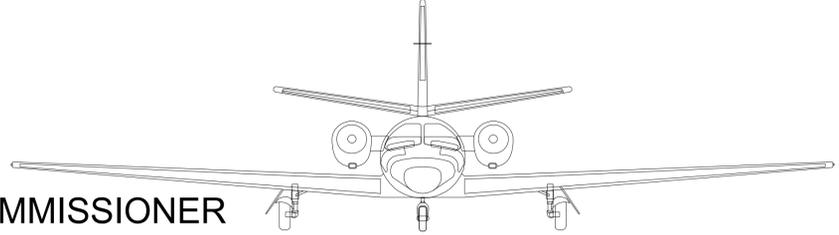
WILLIAM HAYES JR., MAYOR - LIVINGSTON
JASON DUKE, AIRPORT CHAIRMAN
EDNA WINNINGHAM, AIRPORT MANAGER



VICINITY MAP

NOT TO SCALE

WITH ASSISTANCE FROM:
FEDERAL AVIATION ADMINISTRATION (F.A.A.)
T.A.D. NO. 67-555-0537-20



INDEX OF DRAWINGS

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LOCATION MAP

NOT TO SCALE

THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

AIRPORT LAYOUT PLAN
 FOR THE
 LIVINGSTON MUNICIPAL AIRPORT
 LIVINGSTON, TENNESSEE
 T.A.D. PROJECT NO. 67-555-0537-20



615 3rd Avenue South, Suite 700, Nashville, Tennessee 37210
PHONE (615) 254-1500 FAX (615) 255-6572

REV.	CHK.	DATE	DESCRIPTION
1	BRH	11-28-2022	FINAL AUP SET

EXISTING FEATURE	
NO.	FEATURE
E1	NGS SURVEY MONUMENT (LIVPORT) N=75786.92, E=2169928.01, ELEV.= 1362.86 (SEE NOTE 1)
E2	NGS SURVEY MONUMENT (LIVPORT AZ MK) N=756950.03, E=2170679.04, ELEV.= 1363.19 (SEE NOTE 1)
E3	AIRCRAFT PARKING APRON (274'x200')
E4	LIGHTED WIND CONE
E5	2-BOX PAPI
E6	AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)
E7	FUEL FARM
E8	AUTOMOTIVE PARKING
E9	ACCESS GATE

ULTIMATE FEATURE	
NO.	FEATURE
P1	FUEL FARM
P2	AUTOMOTIVE PARKING
P3	ACCESS GATE

- NOTES:
- ALL COORDINATES AND ELEVATIONS SHOWN ARE BASED OFF OF NAD83 (HORIZONTAL) AND NAVD88 (VERTICAL) DATUMS.
 - THE BUILDING RESTRICTION LINE (BRL) IS LOCATED 425' FROM THE RUNWAY CENTERLINE.
 - SEE INNER APPROACH DRAWINGS FOR ROAD CLEARANCE TABLES.
 - PAVEMENT STRENGTH IS BASED ON THE CURRENT PUBLISHED STRENGTH CONTAINED IN THE AIRPORT MASTER RECORD. NO GEOTECHNICAL INVESTIGATION WAS PERFORMED TO VERIFY THE PAVEMENT STRENGTH.
 - RUNWAY MEETS LINE OF SIGHT REQUIREMENTS.
 - DISTANCE FROM RUNWAY CENTERLINE TO PAPI'S ARE 90'.
 - VIOLATIONS TO THE THRESHOLD SITING SURFACES ARE DEPICTED ON THE INNER APPROACH DRAWING SHEETS.
 - AIRPORT SECURITY FENCE IS APPROXIMATELY 7' TALL.
 - PART OF ULTIMATE TAXIWAY SHOWN AT 400' DUE TO WETLANDS.

AIRPORT DATA		
	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE	B-I	B-II
MEAN MAX. TEMP. (HOTTEST MONTH: JULY)	87°	SAME
AIRPORT ELEVATION	1,371.9'	SAME
NAVIGATIONAL AIDS	BEACON, GPS	SAME
AIRPORT REFERENCE POINT COORDINATES (NAD83)	N 36°24'48.60" W 85°18'37.60"	SAME
MISCELLANEOUS FACILITIES	LIGHTED WIND CONE, MRL, MITL, AWOS, PAPI, REILS	SAME
CRITICAL AIRCRAFT	KING AIR 90 (A90)	CITATION II
NPIAS SERVICE LEVEL	GENERAL AVIATION	SAME
NPIAS ROLE	LOCAL	SAME
STATE SERVICE LEVEL	COMMUNITY SERVICE	SAME

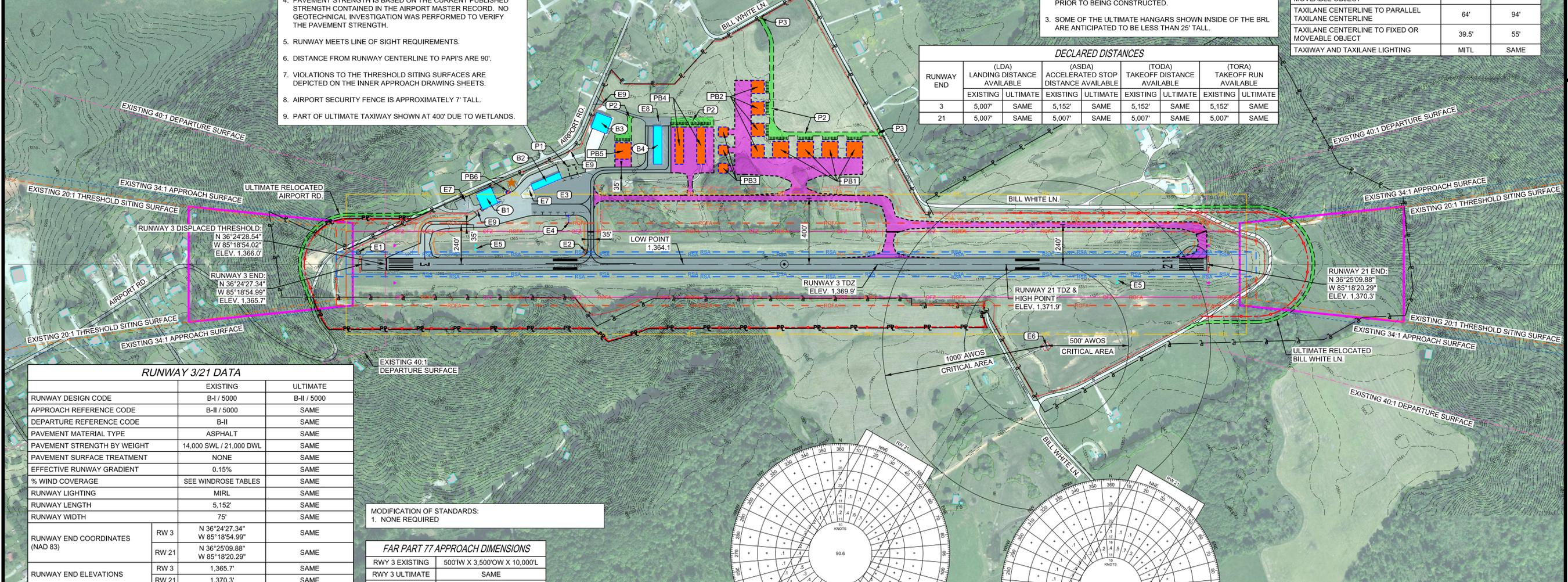
ULTIMATE FACILITIES		
NO.	STRUCTURE	ELEV.
PB1	100'x100' CORPORATE HANGAR	N/A
PB2	80'x80' CORPORATE HANGAR	N/A
PB3	60'x60' CORPORATE HANGAR	N/A
PB4	10-UNIT T-HANGAR	N/A
PB5	TERMINAL	N/A
PB6	STORAGE SHED	N/A

EXISTING FACILITIES		
NO.	STRUCTURE	ELEV.
B1	CORPORATE HANGAR / F.B.O.	1,399.6'
B2	10-UNIT T-HANGAR	1,388.0'
B3	CORPORATE HANGAR	1,406.7'
B4	10-UNIT T-HANGAR	1,389.7'

TAXIWAY AND TAXILANE DATA		
	EXISTING	ULTIMATE
TAXIWAY DESIGN GROUP	2A	SAME
TAXIWAY AND TAXILANE WIDTH	35'	SAME
TAXIWAY EDGE SAFETY MARGIN (TESM)	7.5'	SAME
TAXIWAY SHOULDER WIDTH	15'	SAME
AIRPLANE DESIGN GROUP	I	II
TAXIWAY AND TAXILANE SAFETY AREA	49'	79'
TAXIWAY OBJECT FREE AREA	89'	124'
TAXILANE OBJECT FREE AREA	79'	110'
TAXIWAY CENTERLINE TO PARALLEL TAXIWAY/TAXILANE CENTERLINE	70'	102'
TAXIWAY CENTERLINE TO FIXED OR MOVEABLE OBJECT	44.5'	62'
TAXILANE CENTERLINE TO PARALLEL TAXILANE CENTERLINE	64'	94'
TAXILANE CENTERLINE TO FIXED OR MOVEABLE OBJECT	39.5'	55'
TAXIWAY AND TAXILANE LIGHTING	MITL	SAME

- BRL NOTES:
- BUILDING RESTRICTION LINE (BRL) IS BASED OFF OF A 25' TALL BUILDING HEIGHT.
 - ANY ULTIMATE HANGARS THAT ARE SHOWN INSIDE OF THE BRL WILL HAVE A 7460 AND AN AIR STUDY SUBMITTED TO THE FAA PRIOR TO BEING CONSTRUCTED.
 - SOME OF THE ULTIMATE HANGARS SHOWN INSIDE OF THE BRL ARE ANTICIPATED TO BE LESS THAN 25' TALL.

DECLARED DISTANCES								
RUNWAY END	(LDA)		(ASDA)		(TODA)		(TORA)	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
3	5,007'	SAME	5,152'	SAME	5,152'	SAME	5,152'	SAME
21	5,007'	SAME	5,007'	SAME	5,007'	SAME	5,007'	SAME



RUNWAY 3/21 DATA		
	EXISTING	ULTIMATE
RUNWAY DESIGN CODE	B-I / 5000	B-II / 5000
APPROACH REFERENCE CODE	B-II / 5000	SAME
DEPARTURE REFERENCE CODE	B-II	SAME
PAVEMENT MATERIAL TYPE	ASPHALT	SAME
PAVEMENT STRENGTH BY WEIGHT	14,000 SWL / 21,000 DWL	SAME
PAVEMENT SURFACE TREATMENT	NONE	SAME
EFFECTIVE RUNWAY GRADIENT	0.15%	SAME
% WIND COVERAGE	SEE WINDROSE TABLES	SAME
RUNWAY LIGHTING	MIRL	SAME
RUNWAY LENGTH	5,152'	SAME
RUNWAY WIDTH	75'	SAME
RUNWAY END COORDINATES (NAD 83)	RW 3: N 36°24'27.34" W 85°18'54.99" RW 21: N 36°25'09.88" W 85°18'20.29"	SAME
RUNWAY END ELEVATIONS	RW 3: 1,365.7' RW 21: 1,370.3'	SAME
DISPLACED THRESHOLD DISTANCE	RW 3: 145' RW 21: N/A	SAME
DISPLACED THRESHOLD COORDINATES (NAD 83)	RW 3: N 36°24'28.54" W 85°18'54.02" RW 21: N/A	SAME
DISPLACED THRESHOLD ELEVATIONS	RW 3: 1,366.0' RW 21: N/A	SAME
RUNWAY ORIENTATION	33°00'16" / 213°00'16"	SAME
MARKINGS	RW 3: NON-PRECISION RW 21: NON-PRECISION	SAME
14 CFR PART 77 APPROACH CATEGORY	RW 3: C - 34:1 RW 21: C - 34:1	SAME
APPROACH TYPE	RW 3: RNAV(GPS) RW 21: RNAV(GPS)	SAME
APPROACH VISIBILITY MINIMUMS	RW 3: 1 MILE RW 21: 1 MILE	SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH	RW 3: NVGS RW 21: NVGS	SAME
RUNWAY DEPARTURE SURFACE	RW 3: YES RW 21: YES	SAME
THRESHOLD SITING SURFACE	RW 3: CATEGORY 4 RW 21: CATEGORY 4	SAME
INSTRUMENT APPROACH NAVAIDS	RW 3: GPS RW 21: GPS	SAME
VISUAL APPROACH NAVAIDS	RW 3: PAPI-2L, REIL RW 21: PAPI-2L, REIL	SAME
TOUCHDOWN ZONE ELEVATIONS	RW 3: 1,369.9' RW 21: 1,371.9'	SAME

MODIFICATION OF STANDARDS:
1. NONE REQUIRED

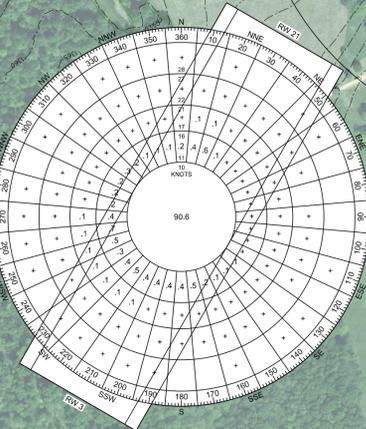
FAR PART 77 APPROACH DIMENSIONS		
RWY 3 EXISTING	500'W X 3,500'OW X 10,000'L	
RWY 3 ULTIMATE	SAME	
RWY 21 EXISTING	500'W X 3,500'OW X 10,000'L	
RWY 21 ULTIMATE	SAME	

RUNWAY PROTECTION ZONE DIMENSIONS		
RWY 3 EXISTING	500'W X 700'OW X 1,000'L	
RWY 3 ULTIMATE	SAME	
RWY 21 EXISTING	500'W X 700'OW X 1,000'L	
RWY 21 ULTIMATE	SAME	

RUNWAY SAFETY AREA DIMENSIONS						
RWY END	EXISTING			ULTIMATE		
	WIDTH	PRIOR TO THRESHOLD	BEYOND DEPARTURE END	WIDTH	PRIOR TO THRESHOLD	BEYOND DEPARTURE END
3	120'	240'	240'	150'	300'	300'
21	120'	240'	240'	150'	300'	300'

RUNWAY OBJECT FREE AREA DIMENSIONS						
RWY END	EXISTING			ULTIMATE		
	WIDTH	PRIOR TO THRESHOLD	BEYOND DEPARTURE END	WIDTH	PRIOR TO THRESHOLD	BEYOND DEPARTURE END
3	400'	240'	240'	500'	300'	300'
21	400'	240'	240'	500'	300'	300'

RUNWAY OBJECT FREE ZONE DIMENSIONS			
RWY END	EXISTING		ULTIMATE
	WIDTH	PRIOR TO THRESHOLD	BEYOND DEPARTURE END
3	400'W X 200'	BEYOND RUNWAY END	SAME
21	400'W X 200'	BEYOND RUNWAY END	SAME



ALL WEATHER WIND ROSE		
RUNWAY	10.5 KNOT	13 KNOT
3/21	96.92%	98.53%

273, 128 OBSERVATIONS MADE OVER THE PERIOD OF 2010-2019
STATION # 720379 WAYNE COUNTY AIRPORT
STATION # 723274 UPPER CUMBERLAND REGIONAL AIRPORT

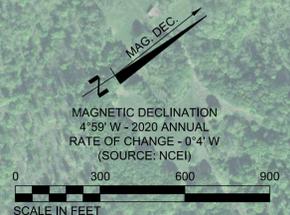
IFR WIND ROSE		
RUNWAY	10.5 KNOT	13 KNOT
3/21	95.69%	97.58%

46,261 OBSERVATIONS MADE OVER THE PERIOD OF 2010-2019
STATION # 720379 WAYNE COUNTY AIRPORT
STATION # 723274 UPPER CUMBERLAND REGIONAL AIRPORT

TDOT AERONAUTICS APPROVAL BOX

2/22/24

AIRPORT SPONSOR APPROVAL
APPROVED BY:
HONORARY WILLIAM HAYES, JR., MAYOR
January 25, 2024
DATE



AERIAL MAPPING AND PHOTOGRAPHY PROVIDED BY: WOOLPERT, INC. SURVEY DATE: MAY 3, 2020

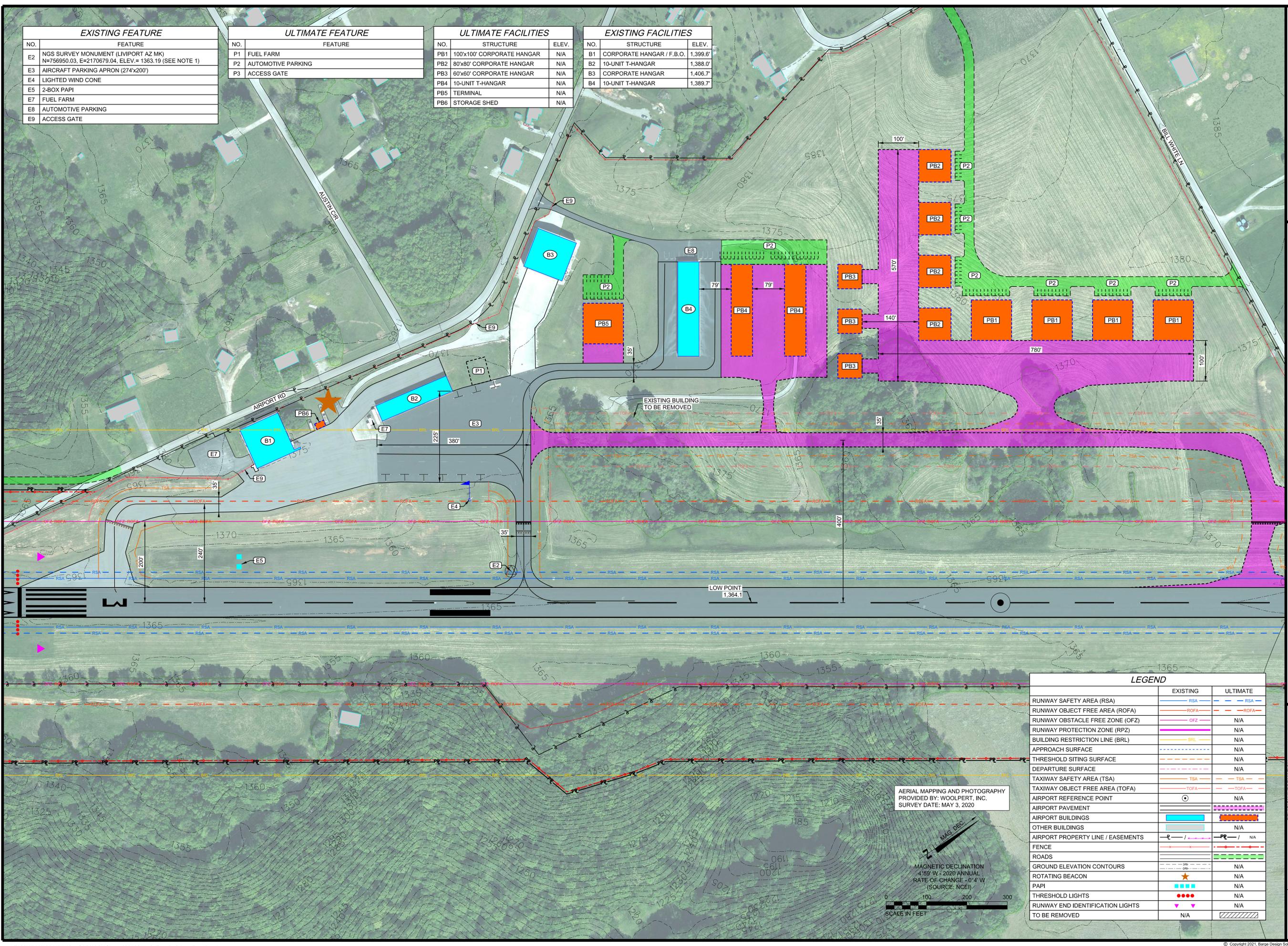
LEGEND		
	EXISTING	ULTIMATE
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (ROFA)		
RUNWAY OBSTACLE FREE ZONE (OFZ)		N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
BUILDING RESTRICTION LINE (BRL)		N/A
APPROACH SURFACE		N/A
THRESHOLD SITING SURFACE		N/A
DEPARTURE SURFACE		N/A
TAXIWAY SAFETY AREA (TSA)		
TAXIWAY OBJECT FREE AREA (TOFA)		
AIRPORT REFERENCE POINT		N/A
AIRPORT PAVEMENT		
AIRPORT BUILDINGS		
OTHER BUILDINGS		N/A
AIRPORT PROPERTY LINE / EASEMENTS		
FENCE		
ROADS		
GROUND ELEVATION CONTOURS		N/A
ROTATING BEACON		N/A
PAPI		N/A
THRESHOLD LIGHTS		N/A
RUNWAY END IDENTIFICATION LIGHTS		N/A
TO BE REMOVED	N/A	

EXISTING FEATURE	
NO.	FEATURE
E2	NGS SURVEY MONUMENT (LIVPORT AZ MK) N=756950.03, E=2170679.04, ELEV.= 1363.19 (SEE NOTE 1)
E3	AIRCRAFT PARKING APRON (274'x200')
E4	LIGHTED WIND CONE
E5	2-BOX PAPI
E7	FUEL FARM
E8	AUTOMOTIVE PARKING
E9	ACCESS GATE

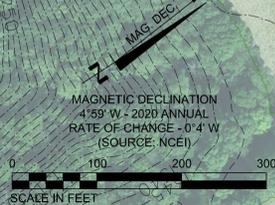
ULTIMATE FEATURE	
NO.	FEATURE
P1	FUEL FARM
P2	AUTOMOTIVE PARKING
P3	ACCESS GATE

ULTIMATE FACILITIES		
NO.	STRUCTURE	ELEV.
PB1	100'x100' CORPORATE HANGAR	N/A
PB2	80'x80' CORPORATE HANGAR	N/A
PB3	60'x60' CORPORATE HANGAR	N/A
PB4	10-UNIT T-HANGAR	N/A
PB5	TERMINAL	N/A
PB6	STORAGE SHED	N/A

EXISTING FACILITIES		
NO.	STRUCTURE	ELEV.
B1	CORPORATE HANGAR / F.B.O.	1,399.6'
B2	10-UNIT T-HANGAR	1,388.0'
B3	CORPORATE HANGAR	1,406.7'
B4	10-UNIT T-HANGAR	1,389.7'



AERIAL MAPPING AND PHOTOGRAPHY PROVIDED BY: WOOLPERT, INC. SURVEY DATE: MAY 3, 2020



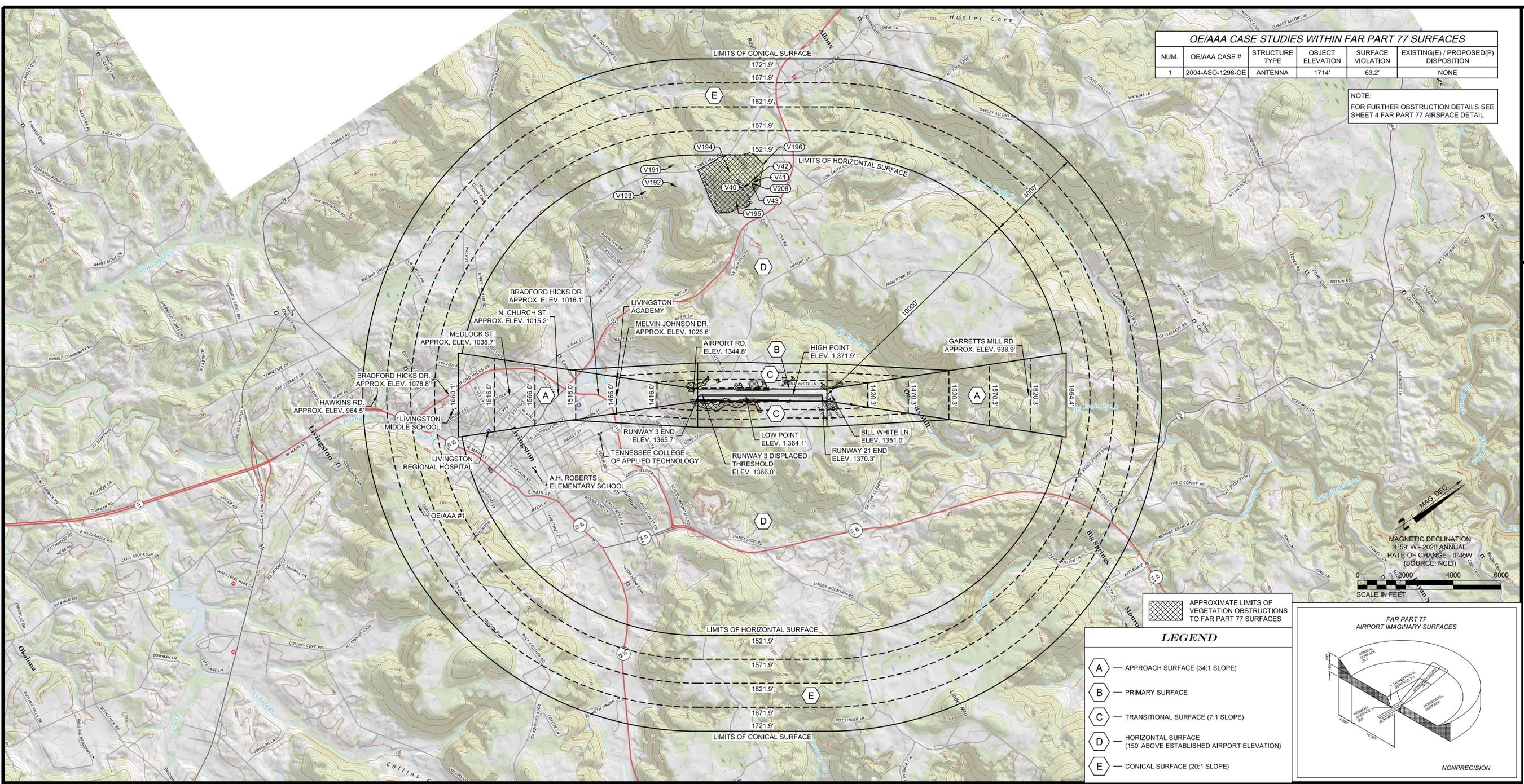
LEGEND		
	EXISTING	ULTIMATE
RUNWAY SAFETY AREA (RSA)	— RSA —	— RSA —
RUNWAY OBJECT FREE AREA (ROFA)	— ROFA —	— ROFA —
RUNWAY OBSTACLE FREE ZONE (OFZ)	— OFZ —	N/A
RUNWAY PROTECTION ZONE (RPZ)	— RPZ —	N/A
BUILDING RESTRICTION LINE (BRL)	— BRL —	N/A
APPROACH SURFACE	— AS —	N/A
THRESHOLD SITING SURFACE	— TSS —	N/A
DEPARTURE SURFACE	— DS —	N/A
TAXIWAY SAFETY AREA (TSA)	— TSA —	— TSA —
TAXIWAY OBJECT FREE AREA (TOFA)	— TOFA —	— TOFA —
AIRPORT REFERENCE POINT	⊙	N/A
AIRPORT PAVEMENT	— AP —	— AP —
AIRPORT BUILDINGS	— B —	— B —
OTHER BUILDINGS	— OB —	N/A
AIRPORT PROPERTY LINE / EASEMENTS	— PLE —	— PLE —
FENCE	— F —	— F —
ROADS	— R —	— R —
GROUND ELEVATION CONTOURS	— GC —	N/A
ROTATING BEACON	★	N/A
PAPI	★	N/A
THRESHOLD LIGHTS	●	N/A
RUNWAY END IDENTIFICATION LIGHTS	▼	N/A
TO BE REMOVED	—	—

REVISION INFORMATION		
REV.	CHK.	DATE
1	BRH	11-28-2022
2	BRH	11-28-2022
3	BRH	11-28-2022
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97	BRH	11-28-2022
98	BRH	11-28-2022
99	BRH	11-28-2022
100	BRH	11-28-2022

FAR PART 77 AIRSPACE DRAWING
AIRPORT LAYOUT PLAN
LIVINGSTON MUNICIPAL AIRPORT
LIVINGSTON, TENNESSEE

OE/AAA CASE STUDIES WITHIN FAR PART 77 SURFACES					
NUM.	OE/AAA CASE #	STRUCTURE TYPE	OBJECT ELEVATION	SURFACE VIOLATION	EXISTING(E) / PROPOSED(P) DISPOSITION
1	2004-ASO-1298-OE	ANTENNA	1714'	63.2'	NONE

NOTE:
FOR FURTHER OBSTRUCTION DETAILS SEE SHEET 4 FAR PART 77 AIRSPACE DETAIL



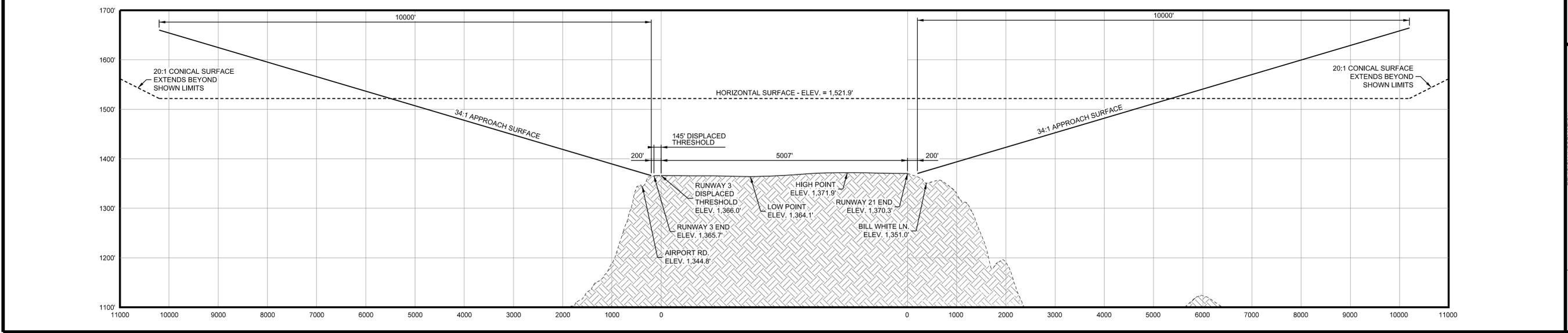
LEGEND

- A — APPROACH SURFACE (34:1 SLOPE)
- B — PRIMARY SURFACE
- C — TRANSITIONAL SURFACE (7:1 SLOPE)
- D — HORIZONTAL SURFACE (150' ABOVE ESTABLISHED AIRPORT ELEVATION)
- E — CONICAL SURFACE (20:1 SLOPE)

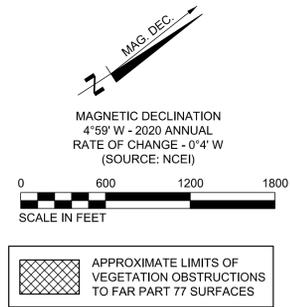
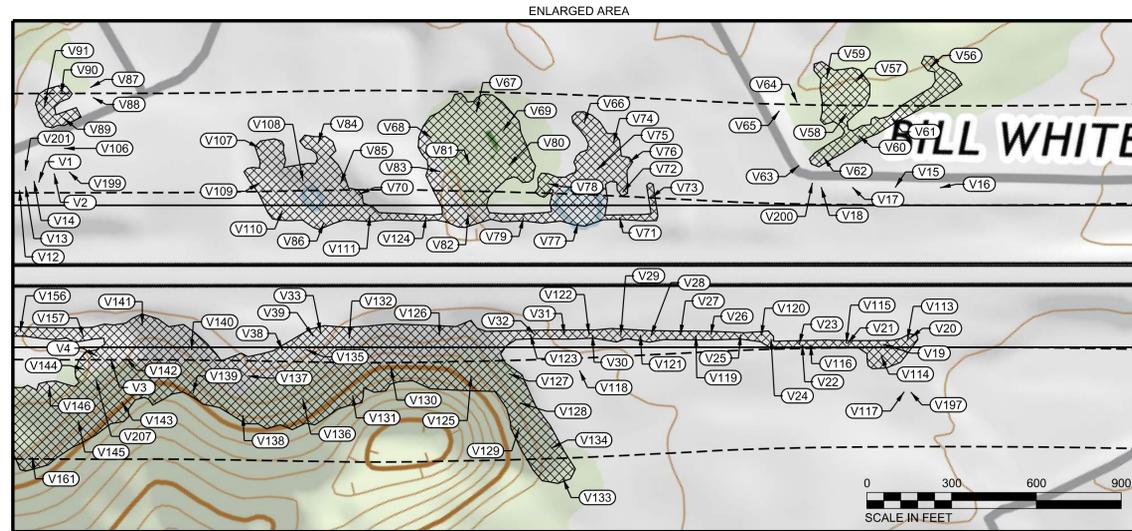
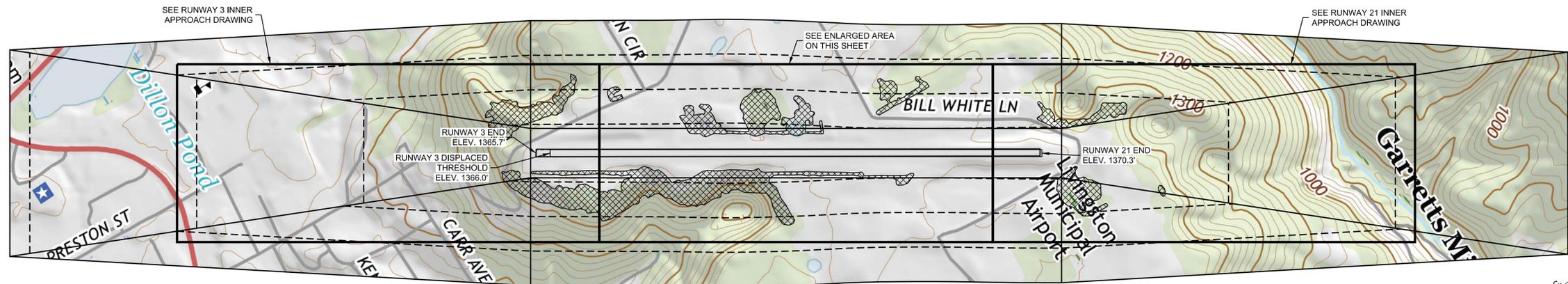
APPROXIMATE LIMITS OF VEGETATION OBSTRUCTIONS TO FAR PART 77 SURFACES

FAR PART 77 AIRPORT IMAGINARY SURFACES

NONPRECISION



REVISION INFORMATION		
REV.	CHK.	DESCRIPTION
1	BRH	FINAL AUP SET



- NOTES:
1. ALL VIOLATIONS DEPICTED IN THE PLAN VIEW ABOVE ARE PRIMARY SURFACE OR TRANSITIONAL SURFACE VIOLATIONS.
 2. CURRENTLY, THERE ARE NO LOCAL ZONING RESTRICTIONS IN PLACE TO PROTECT THE AIRPORT AND ITS SURROUNDING AIRSPACE.
 3. OBJECT ELEVATIONS ARE ABOVE MEAN SEA LEVEL (MSL).
 4. VIOLATIONS THAT ARE NOTED WITH AN * IN THE BELOW TABLE ARE LOCATED ON THE INNER APPROACH DRAWINGS.
 5. VIOLATIONS THAT ARE NOTED WITH AN ** IN THE BELOW TABLE ARE LOCATED ON THE FAR PART 77 AIRSPACE DRAWING.

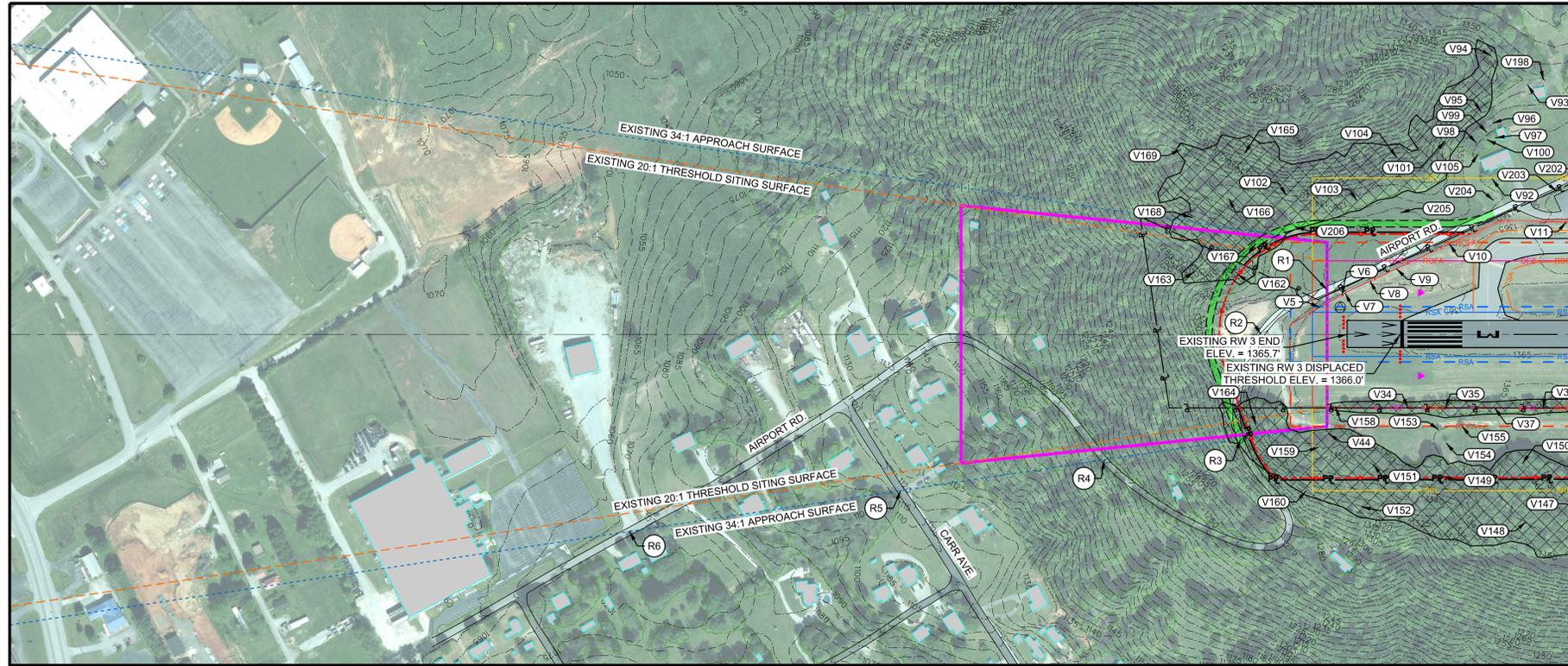
VIOLATIONS TO FAR PART 77 SURFACES

VIOLATION NUMBER	DESCRIPTION	OBJECT ELEVATION	SURFACE VIOLATION	EXISTING / PROPOSED DISPOSITION	VIOLATION NUMBER	DESCRIPTION	OBJECT ELEVATION	SURFACE VIOLATION	EXISTING / PROPOSED DISPOSITION	VIOLATION NUMBER	DESCRIPTION	OBJECT ELEVATION	SURFACE VIOLATION	EXISTING / PROPOSED DISPOSITION	VIOLATION NUMBER	DESCRIPTION	OBJECT ELEVATION	SURFACE VIOLATION	EXISTING / PROPOSED DISPOSITION	VIOLATION NUMBER	DESCRIPTION	OBJECT ELEVATION	SURFACE VIOLATION	EXISTING / PROPOSED DISPOSITION			
V1	ANTENNA	1405.3'	28.2'	LIGHT	**V43	FENCE	1530.6'	8.7'	RELOCATE	V85	TREE	1407.6'	32.5'	REMOVE	V127	TREE	1411.8'	33.2'	REMOVE	*V169	TREE	1407.8'	2.5'	REMOVE			
V2	BUILDING	1399.6'	18.0'	LIGHT	*V44	TANK	1375.7'	6.8'	LIGHT	V86	TREE	1396.2'	31.8'	REMOVE	V128	TREE	1396.7'	3.3'	REMOVE	*V170	TREE	1376.8'	2.9'	REMOVE			
V3	BUILDING	1372.6'	1.1'	LIGHT	*V45	TREE	1406.2'	16.9'	REMOVE	V87	TREE	1430.2'	5.4'	REMOVE	V129	TREE	1414.2'	8.4'	REMOVE	*V171	TREE	1392.3'	3.9'	REMOVE			
V4	BUILDING	1372.6'	2.5'	LIGHT	*V46	TREE	1413.2'	20.5'	REMOVE	V88	TREE	1427.5'	7.6'	REMOVE	V130	TREE	1398.3'	24.1'	REMOVE	*V172	TREE	1380.1'	7.6'	REMOVE			
*V5	FENCE	1368.8'	2.2'	RELOCATE	*V47	TREE	1404.6'	2.1'	REMOVE	V89	TREE	1432.0'	22.5'	REMOVE	V131	TREE	1395.6'	7.3'	REMOVE	*V173	TREE	1389.3'	7.5'	REMOVE			
*V6	FENCE	1367.5'	1.5'	RELOCATE	*V48	TREE	1402.4'	2.6'	REMOVE	V90	TREE	1433.9'	12.3'	REMOVE	V132	TREE	1438.8'	74.6'	REMOVE	*V174	TREE	1401.6'	14.6'	REMOVE			
*V7	FENCE	1368.0'	2.0'	RELOCATE	*V49	TREE	1406.9'	21.6'	REMOVE	V91	TREE	1432.0'	16.9'	REMOVE	V133	TREE	1434.0'	1.7'	REMOVE	*V175	TREE	1416.9'	8.4'	REMOVE			
*V8	FENCE	1371.9'	5.9'	RELOCATE	*V50	TREE	1404.9'	9.4'	REMOVE	*V92	TREE	1412.6'	22.0'	REMOVE	V134	TREE	1419.1'	2.3'	REMOVE	*V176	TREE	1414.0'	18.1'	REMOVE			
*V9	FENCE	1374.2'	8.2'	RELOCATE	*V51	TREE	1384.5'	6.4'	REMOVE	*V93	TREE	1430.7'	3.7'	REMOVE	V135	TREE	1447.2'	81.4'	REMOVE	*V177	TREE	1409.7'	1.9'	REMOVE			
*V10	FENCE	1370.7'	4.8'	RELOCATE	*V52	TREE	1417.1'	1.2'	REMOVE	*V94	TREE	1440.4'	2.1'	REMOVE	V136	TREE	1427.3'	36.9'	REMOVE	*V178	TREE	1390.1'	2.4'	REMOVE			
*V11	FENCE	1374.6'	1.0'	RELOCATE	*V53	TREE	1428.3'	14.5'	REMOVE	*V95	TREE	1424.5'	7.9'	REMOVE	V137	TREE	1415.2'	35.6'	REMOVE	*V179	TREE	1410.1'	5.1'	REMOVE			
V12	FENCE	1379.5'	6.2'	RELOCATE	*V54	TREE	1408.6'	2.2'	REMOVE	*V96	TREE	1418.6'	6.5'	REMOVE	V138	TREE	1402.7'	3.4'	REMOVE	*V180	TREE	1398.8'	7.9'	REMOVE			
V13	FENCE	1381.3'	6.1'	RELOCATE	*V55	TREE	1418.3'	2.1'	REMOVE	*V97	TREE	1419.9'	13.5'	REMOVE	V139	TREE	1400.2'	11.5'	REMOVE	*V181	TREE	1391.4'	11.2'	REMOVE			
V14	FENCE	1381.5'	3.6'	RELOCATE	V56	TREE	1444.6'	3.1'	REMOVE	*V98	TREE	1423.9'	19.4'	REMOVE	V140	TREE	1427.7'	60.9'	REMOVE	*V182	TREE	1408.3'	29.1'	REMOVE			
V15	FENCE	1383.7'	3.0'	RELOCATE	V57	TREE	1443.1'	9.4'	REMOVE	*V99	TREE	1421.2'	12.7'	REMOVE	V141	TREE	1419.6'	54.0'	REMOVE	*V183	TREE	1428.1'	5.3'	REMOVE			
V16	FENCE	1381.9'	1.2'	RELOCATE	V58	TREE	1452.1'	34.1'	REMOVE	*V100	TREE	1423.9'	18.2'	REMOVE	V142	TREE	1416.3'	45.1'	REMOVE	*V184	TREE	1425.2'	3.0'	REMOVE			
V17	FENCE	1383.2'	2.5'	RELOCATE	V59	TREE	1436.7'	1.5'	REMOVE	*V101	TREE	1420.5'	15.2'	REMOVE	V143	TREE	1418.4'	25.5'	REMOVE	*V185	TREE	1418.1'	3.4'	REMOVE			
V18	FENCE	1382.1'	1.4'	RELOCATE	V60	TREE	1434.9'	28.1'	REMOVE	*V102	TREE	1435.9'	50.8'	REMOVE	V144	TREE	1411.4'	34.5'	REMOVE	*V186	TREE	1411.5'	5.0'	REMOVE			
V19	FENCE	1379.1'	7.3'	RELOCATE	V61	TREE	1428.3'	13.0'	REMOVE	*V103	TREE	1450.1'	67.8'	REMOVE	V145	TREE	1409.5'	7.1'	REMOVE	*V187	TREE	1434.4'	6.3'	REMOVE			
V20	FENCE	1377.7'	5.9'	RELOCATE	*V62	TREE	1436.3'	40.5'	REMOVE	*V104	TREE	1426.3'	27.4'	REMOVE	V146	TREE	1402.3'	17.1'	REMOVE	*V188	TREE	1405.2'	7.4'	REMOVE			
V21	FENCE	1378.7'	7.1'	RELOCATE	V63	TREE	1394.8'	3.5'	REMOVE	*V105	TREE	1419.2'	19.1'	REMOVE	*V147	TREE	1443.6'	46.0'	REMOVE	*V189	TREE	1412.4'	11.9'	REMOVE			
V22	FENCE	1379.0'	7.7'	RELOCATE	V64	TREE	1443.5'	20.6'	REMOVE	V106	TREE	1412.6'	18.4'	REMOVE	*V148	TREE	1424.2'	21.2'	REMOVE	*V190	TREE	1401.6'	0.2'	REMOVE			
V23	FENCE	1379.0'	7.7'	RELOCATE	V65	TREE	1421.5'	2.8'	REMOVE	V107	TREE	1451.0'	57.2'	REMOVE	*V149	TREE	1400.9'	15.5'	REMOVE	**V191	TREE	1527.5'	5.6'	REMOVE			
V24	FENCE	1377.6'	6.7'	RELOCATE	V66	TREE	1424.7'	16.8'	REMOVE	V108	TREE	1379.5'	2.8'	REMOVE	*V150	TREE	1419.3'	39.0'	REMOVE	**V192	TREE	1522.9'	1.0'	REMOVE			
V25	FENCE	1375.6'	5.2'	RELOCATE	V67	TREE	1444.4'	32.8'	REMOVE	V109	TREE	1411.7'	35.5'	REMOVE	*V151	TREE	1414.5'	33.7'	REMOVE	*V193	TREE	1522.5'	0.6'	REMOVE			
V26	FENCE	1374.1'	4.4'	RELOCATE	V68	TREE	1441.8'	43.5'	REMOVE	V110	TREE	1403.2'	38.5'	REMOVE	*V152	TREE	1402.0'	4.8'	REMOVE	*V194	TREE	1657.6'	135.7'	REMOVE			
V27	FENCE	1373.1'	4.2'	RELOCATE	V69	TREE	1427.5'	24.9'	REMOVE	V111	TREE	1407.8'	43.7'	REMOVE	*V153	TREE	1380.9'	13.7'	REMOVE	*V195	TREE	1557.3'	35.4'	REMOVE			
V28	FENCE	1372.5'	4.4'	RELOCATE	V70	TREE	1408.5'	38.8'	REMOVE	*V112	TREE	1390.9'	12.5'	REMOVE	*V154	TREE	1379.0'	6.6'	REMOVE	*V196	TREE	1536.5'	14.6'	REMOVE			
V29	FENCE	1372.1'	4.8'	RELOCATE	V71	TREE	1382.4'	15.1'	REMOVE	V113	TREE	1382.4'	36.4'	REMOVE	*V155	TREE	1386.4'	20.5'	REMOVE	V197	TREE	1431.7'	37.2'	REMOVE			
V30	FENCE	1371.9'	5.2'	RELOCATE	V72	TREE	1421.0'	47.1'	REMOVE	V114	TREE	1403.8'	27.9'	REMOVE	V156	TREE	1406.9'	41.2'	REMOVE	*V198	TREE	1442.5'	13.6'	REMOVE			
V31	FENCE	1370.0'	3.9'	RELOCATE	V73	TREE	1379.8'	8.0'	REMOVE	V115	TREE	1402.7'	31.1'	REMOVE	V157	TREE	1397.6'	32.0'	REMOVE	V199	UTILITY POLE	1408.9'	26.5'	LIGHT			
V32	FENCE	1367.4'	1.8'	RELOCATE	V74	TREE	1416.9'	18.5'	REMOVE	V116	TREE	1395.3'	23.9'	REMOVE	*V158	TREE	1370.8'	4.8'	REMOVE	V200	UTILITY POLE	1404.7'	21.9'	LIGHT			
V33	FENCE	1370.0'	5.6'	RELOCATE	V75	TREE	1407.7'	23.1'	REMOVE	V117	TREE	1404.7'	10.4'	REMOVE	*V159	TREE	1405.3'	31.0'	REMOVE	V201	UTILITY POLE	1402.0'	18.9'	LIGHT			
*V34	FENCE	1373.4'	7.4'	RELOCATE	V76	TREE	1401.7'	12.2'	REMOVE	V118	TREE	1395.2'	17.1'	REMOVE	*V160	TREE	1392.6'	1.0'	REMOVE	*V202	UTILITY POLE	1406.1'	17.4'	LIGHT			
*V35	FENCE	1368.3'	2.4'	RELOCATE	V77	TREE	1390.1'	23.7'	REMOVE	V119	TREE	1401.1'	31.8'	REMOVE	V161	TREE	1438.2'	17.3'	REMOVE	*V203	UTILITY POLE	1390.1'	4.4'	LIGHT			
*V36	FENCE	1373.6'	7.8'	RELOCATE	V78	TREE	1418.5'	41.7'	REMOVE	V120	TREE	1379.2'	8.4'	REMOVE	*V162	TREE	1395.8'	22.6'	REMOVE	*V204	UTILITY POLE	1384.5'	2.4'	LIGHT			
*V37	FENCE	1370.7'	4.9'	RELOCATE	V79	TREE	1398.1'	32.6'	REMOVE	V121	TREE	1412.6'	44.7'	REMOVE	*V163	TREE	1377.2'	0.5'	REMOVE	*V205	UTILITY POLE	1380.5'	3.0'	LIGHT			
V38	FENCE	1369.7'	3.4'	RELOCATE	V80	TREE	1437.4'	52.1'	REMOVE	V122	TREE	1400.7'	34.1'	REMOVE	*V164	TREE	1402.4'	30.7'	REMOVE	*V206	UTILITY POLE	1378.9'	6.0'	LIGHT			
V39	FENCE	1370.0'	5.5'	RELOCATE	V81	TREE	1442.7'	57.5'	REMOVE	V123	TREE	1402.6'	37.0'	REMOVE	*V165	TREE	1419.5'	17.2'	REMOVE	V207	UTILITY POLE	1391.5'	9.5'	LIGHT			
**V40	FENCE	1537.2'	15.3'	RELOCATE	V82	TREE	1410.6'	45.8'	REMOVE	V124	TREE	1402.4'	28.1'	REMOVE	*V166	TREE	1422.1'	37.0'	REMOVE	**V208	WATER TOWER	1559.7'	37.8'	LIGHT			
**V41	FENCE	1526.2'	4.3'	RELOCATE	V83	TREE	1425.9'	44.4'	REMOVE	V125	TREE	1411.9'	32.7'	REMOVE	*V167	TREE	1424.6'	52.9'	REMOVE								
**V42	FENCE	1535.7'	13.8'	RELOCATE	V84	TREE	1420.1'	24.4'	REMOVE	V126	TREE	1428.3'	63.8'	REMOVE	*V168	TREE	1398.0'	19.4'	REMOVE								

FAR PART 77 AIRSPACE DETAIL

AIRPORT LAYOUT PLAN
LIVINGSTON MUNICIPAL AIRPORT
LIVINGSTON, TENNESSEE

REV.	DR.	CHK.	DATE	DESCRIPTION
	BRH		11-28-2022	FINAL ALP SET



LEGEND

	EXISTING	ULTIMATE
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (ROFA)		
RUNWAY OBSTACLE FREE ZONE (OFZ)		N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
BUILDING RESTRICTION LINE (BRL)		N/A
APPROACH SURFACE		N/A
THRESHOLD SITING SURFACE		N/A
DEPARTURE SURFACE		N/A
TAXIWAY SAFETY AREA (TSA)		N/A
TAXIWAY OBJECT FREE AREA (TOFA)		N/A
AIRPORT REFERENCE POINT		N/A
AIRPORT PAVEMENT		
AIRPORT BUILDINGS		
OTHER BUILDINGS		N/A
AIRPORT PROPERTY LINE / EASEMENTS		
FENCE		
ROADS		
GROUND ELEVATION CONTOURS		N/A
ROTATING BEACON		N/A
PAPI		N/A
THRESHOLD LIGHTS		N/A
RUNWAY END IDENTIFICATION LIGHTS		N/A
TO BE REMOVED		

AERIAL MAPPING AND PHOTOGRAPHY PROVIDED BY: WOOLPERT, INC. SURVEY DATE: MAY 3, 2020

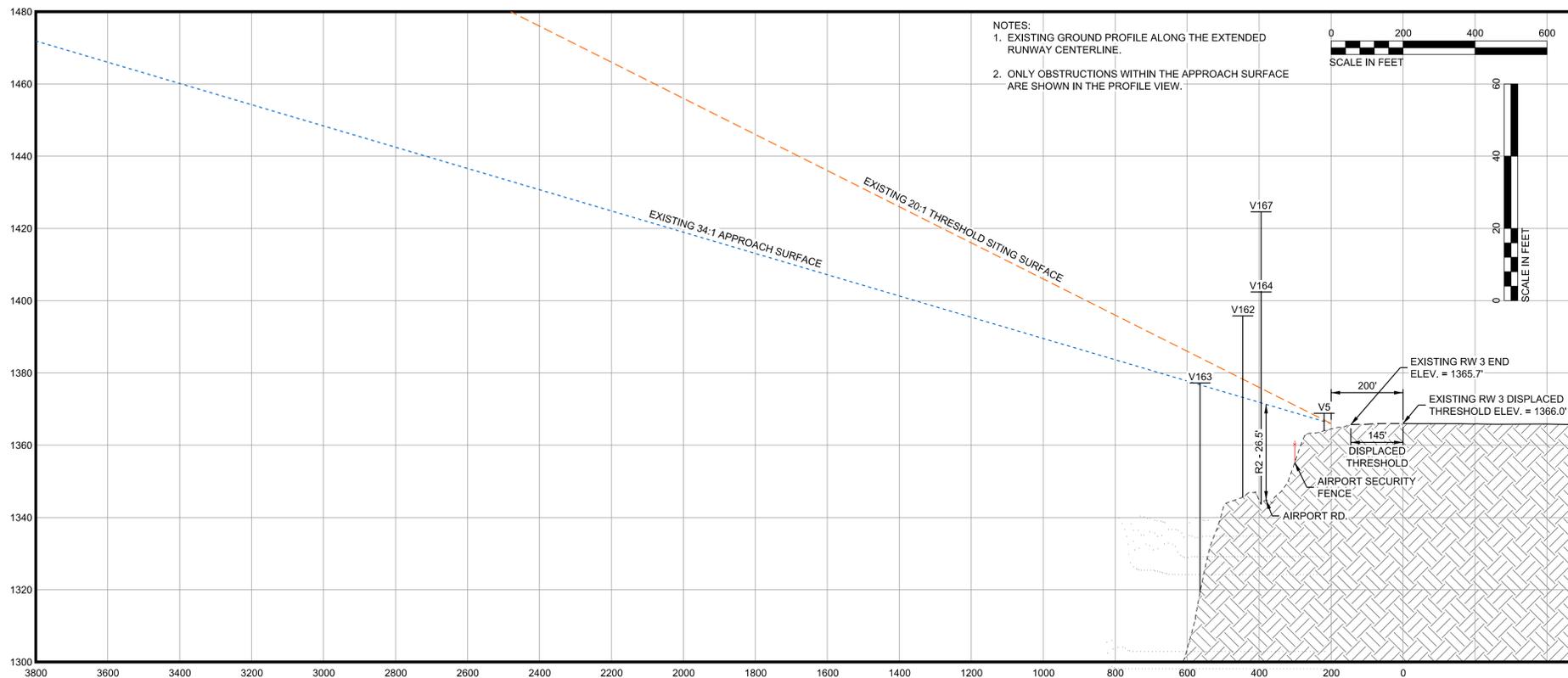
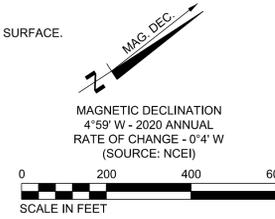
APPROXIMATE LIMITS OF VEGETATION OBSTRUCTIONS TO FAR PART 77 SURFACES

VERTICAL ROAD CLEARANCE CHART

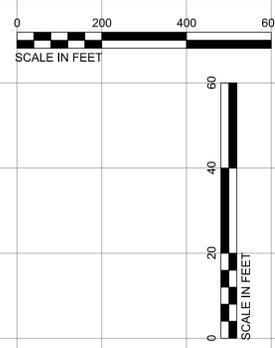
POINT	DESCRIPTION	APPROX. ROAD ELEV (msl)	EXISTING PART 77 APPROACH SURFACE		ULTIMATE PART 77 APPROACH SURFACE		PROPOSED ACTION
			ELEV. (msl)	SURFACE CLEARANCE	ELEV. (msl)	SURFACE CLEARANCE	
R1	AIRPORT RD.	1358.7'	1366.0'	7.3'	SAME	SAME	NONE
R2	AIRPORT RD.	1344.8'	1371.3'	26.5'	SAME	SAME	NONE
R3	AIRPORT RD.	1314.2'	1373.0'	58.8'	SAME	SAME	NONE
R4	AIRPORT RD.	1203.6'	1383.9'	180.3'	SAME	SAME	NONE
R5	CARR AVE.	1118.2'	1400.3'	282.1'	SAME	SAME	NONE
R6	AIRPORT RD.	1072.9'	1422.1'	349.2'	SAME	SAME	NONE

NOTE: V5 AND V162 ARE OBSTRUCTIONS TO THE THRESHOLD SITING SURFACE.

FAR PART 77 REQUIRES THE FOLLOWING CLEARANCES:
10 FEET ABOVE PRIVATE ROADS
15 FEET ABOVE PUBLIC ROADS
17 FEET ABOVE INTERSTATE HIGHWAYS
ELEVATION = ACTUAL ROADWAY ELEVATION AND FAR PART 77 CLEARANCE



NOTES:
1. EXISTING GROUND PROFILE ALONG THE EXTENDED RUNWAY CENTERLINE.
2. ONLY OBSTRUCTIONS WITHIN THE APPROACH SURFACE ARE SHOWN IN THE PROFILE VIEW.



OBSTRUCTION TABLE

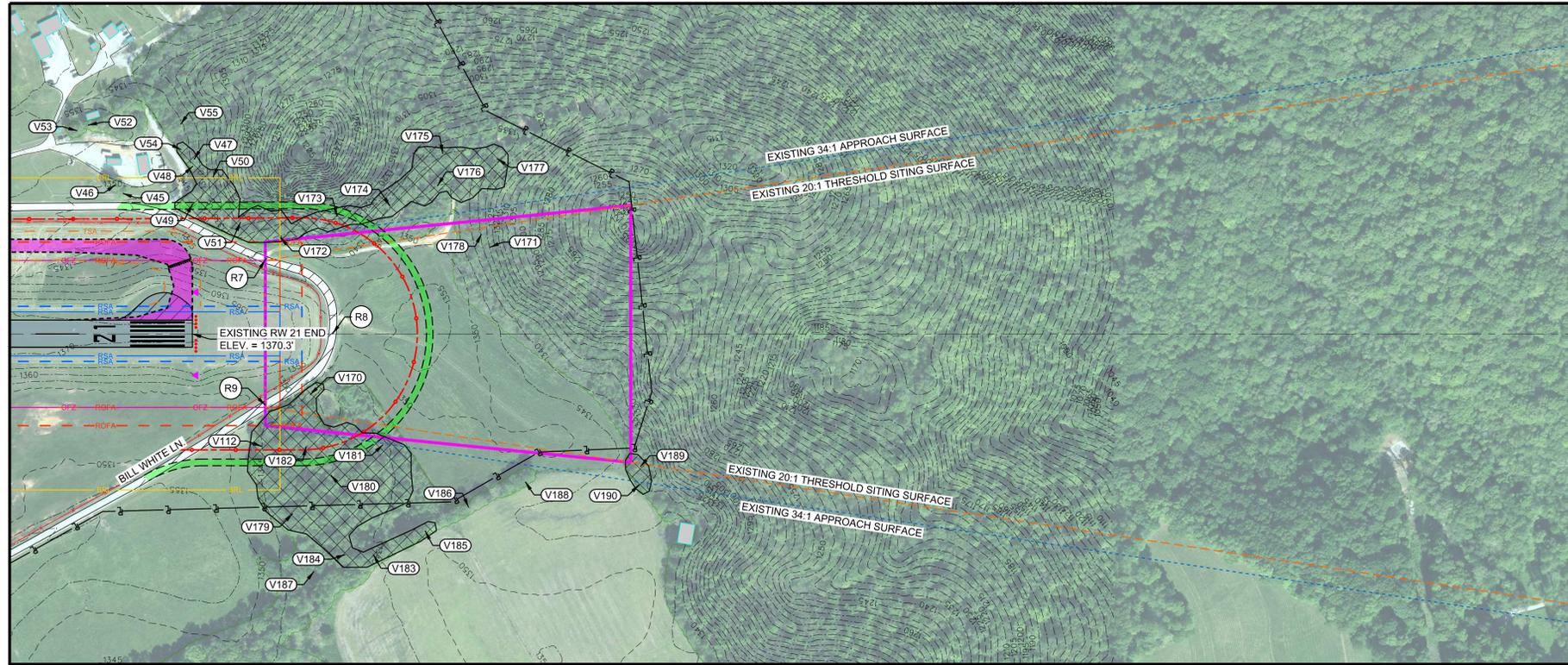
POINT	DESCRIPTION	APPROX. TOP ELEV. (msl)	EXISTING PART 77 SURFACES		ULTIMATE PART 77 SURFACES		PROPOSED ACTION
			ELEV. (msl)	SURFACE PENETRATION	ELEV. (msl)	SURFACE PENETRATION	
V5	FENCE	1368.8'	A 1366.6'	2.2'	SAME	SAME	REMOVE
V6	FENCE	1367.5'	P 1366.0'	1.5'	SAME	SAME	REMOVE
V7	FENCE	1368.0'	P 1366.0'	2.0'	SAME	SAME	REMOVE
V8	FENCE	1371.9'	P 1366.0'	5.9'	SAME	SAME	REMOVE
V9	FENCE	1374.2'	P 1366.0'	8.2'	SAME	SAME	REMOVE
V10	FENCE	1370.7'	P 1365.9'	4.8'	SAME	SAME	REMOVE
V11	FENCE	1374.6'	T 1373.6'	1.0'	SAME	SAME	REMOVE
V34	FENCE	1373.4'	P 1366.0'	7.4'	SAME	SAME	REMOVE
V35	FENCE	1368.3'	P 1365.9'	2.4'	SAME	SAME	REMOVE
V36	FENCE	1373.6'	P 1365.8'	7.8'	SAME	SAME	REMOVE
V37	FENCE	1370.7'	P 1365.8'	4.9'	SAME	SAME	REMOVE
V44	TANK	1375.7'	T 1368.9'	6.8'	SAME	SAME	REMOVE
V92	TREE	1412.6'	T 1390.6'	22.0'	SAME	SAME	REMOVE
V93	TREE	1430.7'	T 1427.0'	3.7'	SAME	SAME	REMOVE
V94	TREE	1440.4'	T 1438.3'	2.1'	SAME	SAME	REMOVE
V95	TREE	1424.5'	T 1416.6'	7.9'	SAME	SAME	REMOVE
V96	TREE	1418.6'	T 1412.1'	6.5'	SAME	SAME	REMOVE
V97	TREE	1419.9'	T 1406.4'	13.5'	SAME	SAME	REMOVE
V98	TREE	1423.9'	T 1404.5'	19.4'	SAME	SAME	REMOVE
V99	TREE	1421.2'	T 1408.5'	12.7'	SAME	SAME	REMOVE
V100	TREE	1423.9'	T 1405.7'	18.2'	SAME	SAME	REMOVE
V101	TREE	1420.5'	T 1405.3'	15.2'	SAME	SAME	REMOVE
V102	TREE	1435.9'	T 1385.1'	50.8'	SAME	SAME	REMOVE
V103	TREE	1450.1'	T 1382.3'	67.8'	SAME	SAME	REMOVE
V104	TREE	1426.3'	T 1398.9'	27.4'	SAME	SAME	REMOVE
V105	TREE	1419.2'	T 1400.1'	19.1'	SAME	SAME	REMOVE
V147	TREE	1443.6'	T 1397.6'	46.0'	SAME	SAME	REMOVE
V148	TREE	1424.2'	T 1403.0'	21.2'	SAME	SAME	REMOVE
V149	TREE	1400.9'	T 1385.4'	15.5'	SAME	SAME	REMOVE
V150	TREE	1419.3'	T 1380.3'	39.0'	SAME	SAME	REMOVE
V151	TREE	1414.5'	T 1380.8'	33.7'	SAME	SAME	REMOVE
V152	TREE	1402.0'	T 1397.2'	4.8'	SAME	SAME	REMOVE
V153	TREE	1380.9'	T 1367.2'	13.7'	SAME	SAME	REMOVE
V154	TREE	1379.0'	T 1372.4'	6.6'	SAME	SAME	REMOVE
V155	TREE	1386.4'	P 1366.9'	20.5'	SAME	SAME	REMOVE
V158	TREE	1370.8'	P 1366.0'	4.8'	SAME	SAME	REMOVE
V159	TREE	1405.3'	T 1374.3'	31.0'	SAME	SAME	REMOVE
V160	TREE	1392.6'	T 1391.6'	1.0'	SAME	SAME	REMOVE
V162	TREE	1395.8'	A 1373.2'	22.6'	SAME	SAME	REMOVE
V163	TREE	1377.2'	A 1376.7'	0.5'	SAME	SAME	REMOVE
V164	TREE	1402.4'	A 1371.7'	30.7'	SAME	SAME	REMOVE
V165	TREE	1419.5'	T 1402.3'	17.2'	SAME	SAME	REMOVE
V166	TREE	1422.1'	T 1385.1'	37.0'	SAME	SAME	REMOVE
V167	TREE	1424.6'	A 1371.7'	52.9'	SAME	SAME	REMOVE
V168	TREE	1398.0'	T 1378.6'	19.4'	SAME	SAME	REMOVE
V169	TREE	1407.8'	T 1405.3'	2.5'	SAME	SAME	REMOVE
V198	TREE	1442.5'	T 1428.9'	13.6'	SAME	SAME	REMOVE
V202	UTILITY POLE	1406.1'	T 1388.7'	17.4'	SAME	SAME	LIGHT
V203	UTILITY POLE	1390.1'	T 1385.7'	4.4'	SAME	SAME	LIGHT
V204	UTILITY POLE	1384.5'	T 1382.1'	2.4'	SAME	SAME	LIGHT
V205	UTILITY POLE	1380.5'	T 1377.5'	3.0'	SAME	SAME	LIGHT
V206	UTILITY POLE	1378.9'	T 1372.9'	6.0'	SAME	SAME	LIGHT

A=APPROACH T=TRANSITIONAL P=PRIMARY

REVISION INFORMATION

REV.	DR.	CHK.	DATE	DESCRIPTION
1	JEC	BRH	11-28-2022	FINAL ALP SET

REV.	DR.	CHK.	DATE	DESCRIPTION
	JEC	BRH	11-28-2022	FINAL AUP SET

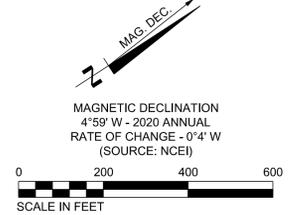


LEGEND		
	EXISTING	ULTIMATE
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (ROFA)		
RUNWAY OBSTACLE FREE ZONE (OFZ)		N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
BUILDING RESTRICTION LINE (BRL)		N/A
APPROACH SURFACE		N/A
THRESHOLD SITING SURFACE		N/A
DEPARTURE SURFACE		N/A
TAXIWAY SAFETY AREA (TSA)		N/A
TAXIWAY OBJECT FREE AREA (TOFA)		N/A
AIRPORT REFERENCE POINT		N/A
AIRPORT PAVEMENT		
AIRPORT BUILDINGS		
OTHER BUILDINGS		N/A
AIRPORT PROPERTY LINE / EASEMENTS		
FENCE		
ROADS		
GROUND ELEVATION CONTOURS		N/A
ROTATING BEACON		N/A
PAPI		N/A
THRESHOLD LIGHTS		N/A
RUNWAY END IDENTIFICATION LIGHTS		N/A
TO BE REMOVED		

AERIAL MAPPING AND PHOTOGRAPHY PROVIDED BY WOOLPERT, INC. SURVEY DATE: MAY 3, 2020

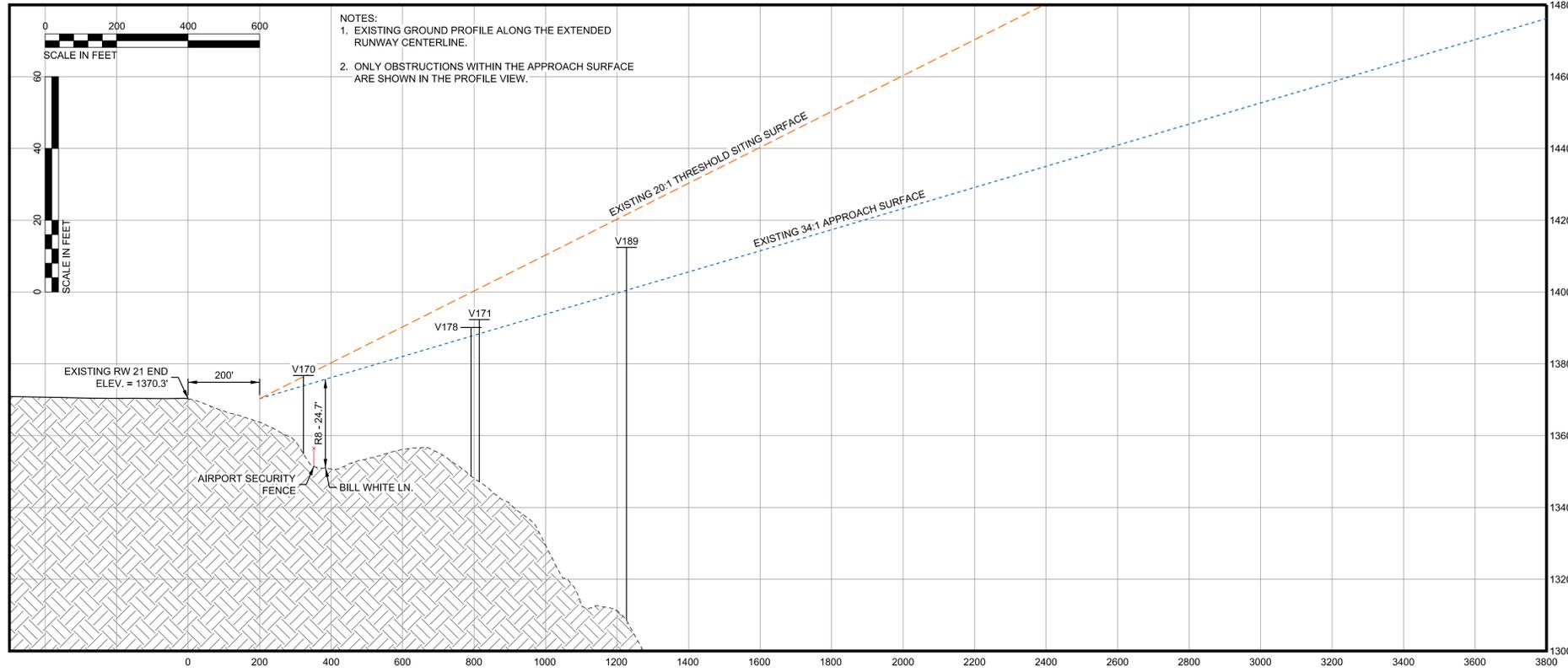
NOTE: V170 IS AN OBSTRUCTION TO THE THRESHOLD SITING SURFACE.

APPROXIMATE LIMITS OF VEGETATION OBSTRUCTIONS TO FAR PART 77 SURFACES



VERTICAL ROAD CLEARANCE CHART							
POINT	DESCRIPTION	APPROX. ROAD ELEV. (msl)	EXISTING PART 77 APPROACH SURFACE		ULTIMATE PART 77 APPROACH SURFACE		PROPOSED ACTION
			ELEV. (msl)	SURFACE CLEARANCE	ELEV. (msl)	SURFACE CLEARANCE	
R7	BILL WHITE LN.	1341.2'	1370.3'	29.1'	SAME	SAME	NONE
R8	BILL WHITE LN.	1351.0'	1375.7'	24.7'	SAME	SAME	NONE
R9	BILL WHITE LN.	1351.1'	1370.3'	19.2'	SAME	SAME	NONE

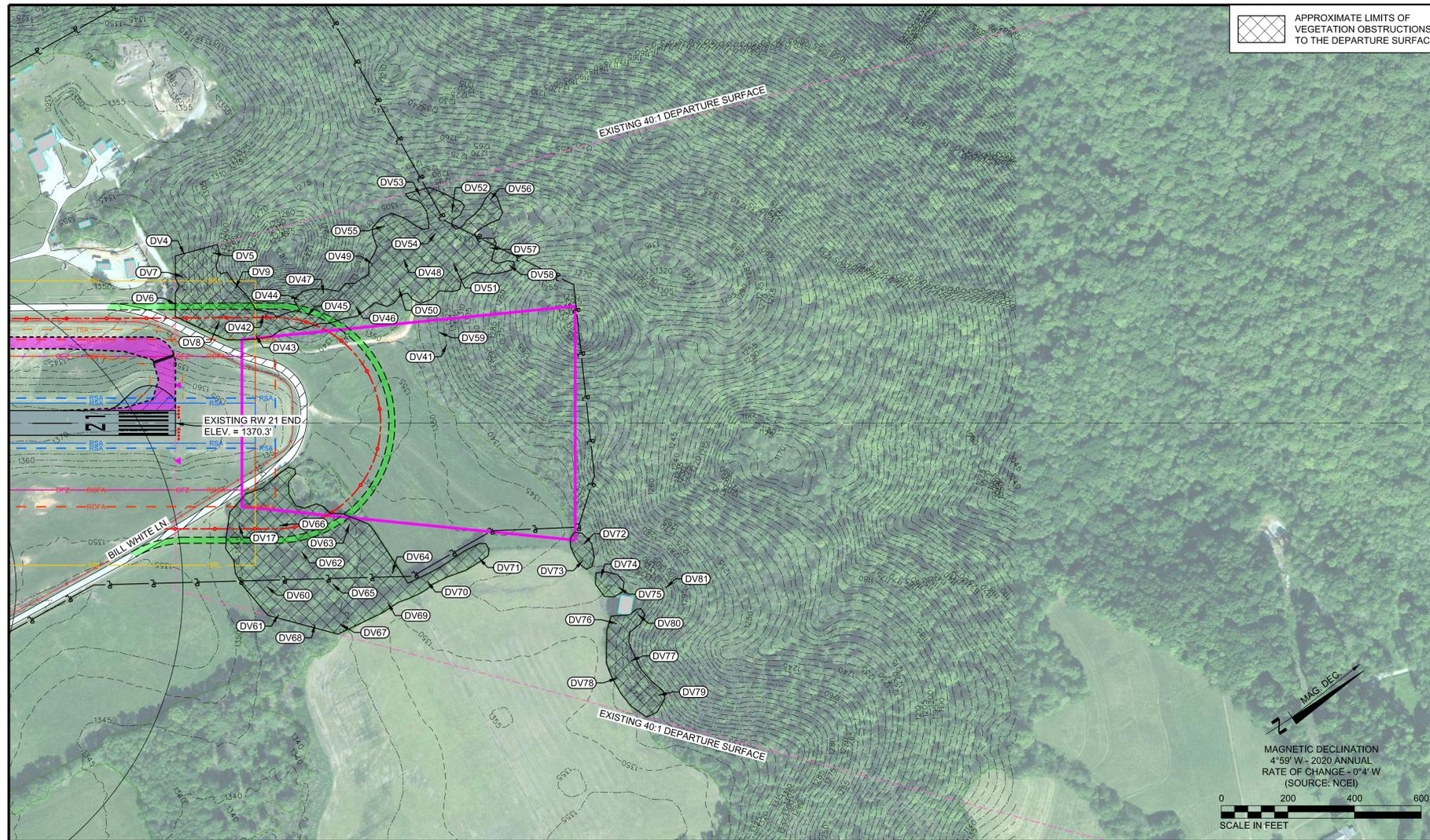
FAR PART 77 REQUIRES THE FOLLOWING CLEARANCES:
10 FEET ABOVE PRIVATE ROADS
15 FEET ABOVE PUBLIC ROADS
17 FEET ABOVE INTERSTATE HIGHWAYS
ELEVATION = ACTUAL ROADWAY ELEVATION AND FAR PART 77 CLEARANCE



OBSTRUCTION TABLE							
POINT	DESCRIPTION	APPROX. TOP ELEV. (msl)	EXISTING PART 77 SURFACES		ULTIMATE PART 77 SURFACES		PROPOSED ACTION
			ELEV. (msl)	SURFACE PENETRATION	ELEV. (msl)	SURFACE PENETRATION	
V45	FENCE	1406.2'	T 1389.3'	16.9'	SAME	SAME	REMOVE
V46	FENCE	1413.2'	T 1392.7'	20.5'	SAME	SAME	REMOVE
V47	FENCE	1404.6'	T 1402.5'	2.1'	SAME	SAME	REMOVE
V48	FENCE	1402.4'	T 1399.8'	2.6'	SAME	SAME	REMOVE
V49	FENCE	1406.9'	T 1385.3'	21.6'	SAME	SAME	REMOVE
V50	FENCE	1404.9'	T 1395.5'	9.4'	SAME	SAME	REMOVE
V51	FENCE	1384.5'	T 1378.1'	6.4'	SAME	SAME	REMOVE
V52	FENCE	1417.1'	T 1415.9'	1.2'	SAME	SAME	REMOVE
V53	FENCE	1428.3'	T 1413.8'	14.5'	SAME	SAME	REMOVE
V54	FENCE	1408.6'	T 1406.4'	2.2'	SAME	SAME	REMOVE
V55	FENCE	1418.3'	T 1416.2'	2.1'	SAME	SAME	REMOVE
*V112	TANK	1390.9'	T 1378.4'	12.5'	SAME	SAME	REMOVED
*V170	TREE	1376.8'	A 1373.9'	2.9'	SAME	SAME	REMOVED
V171	TREE	1392.3'	A 1388.4'	3.9'	SAME	SAME	REMOVE
V172	TREE	1380.1'	T 1372.5'	7.6'	SAME	SAME	REMOVE
V173	TREE	1389.3'	T 1381.8'	7.5'	SAME	SAME	REMOVE
V174	TREE	1401.6'	T 1387.0'	14.6'	SAME	SAME	REMOVE
V175	TREE	1416.9'	T 1408.5'	8.4'	SAME	SAME	REMOVE
V176	TREE	1414.0'	T 1395.9'	18.1'	SAME	SAME	REMOVE
V177	TREE	1409.7'	T 1407.8'	1.9'	SAME	SAME	REMOVE
V178	TREE	1390.1'	A 1387.7'	2.4'	SAME	SAME	REMOVE
V179	TREE	1410.1'	T 1405.0'	5.1'	SAME	SAME	REMOVE
*V180	TREE	1398.8'	T 1390.9'	7.9'	SAME	SAME	REMOVED
*V181	TREE	1391.4'	T 1380.2'	11.2'	SAME	SAME	REMOVED
*V182	TREE	1408.3'	T 1379.2'	29.1'	SAME	SAME	REMOVED
V183	TREE	1428.1'	T 1422.8'	5.3'	SAME	SAME	REMOVE
V184	TREE	1425.2'	T 1422.2'	3.0'	SAME	SAME	REMOVE
V185	TREE	1418.1'	T 1414.7'	3.4'	SAME	SAME	REMOVE
V186	TREE	1411.5'	T 1406.5'	5.0'	SAME	SAME	REMOVE
V187	TREE	1434.4'	T 1428.1'	6.3'	SAME	SAME	REMOVE
V188	TREE	1405.2'	T 1397.8'	7.4'	SAME	SAME	REMOVE
V189	TREE	1412.4'	A 1400.5'	11.9'	SAME	SAME	REMOVE
V190	TREE	1401.6'	T 1401.4'	0.2'	SAME	SAME	REMOVE

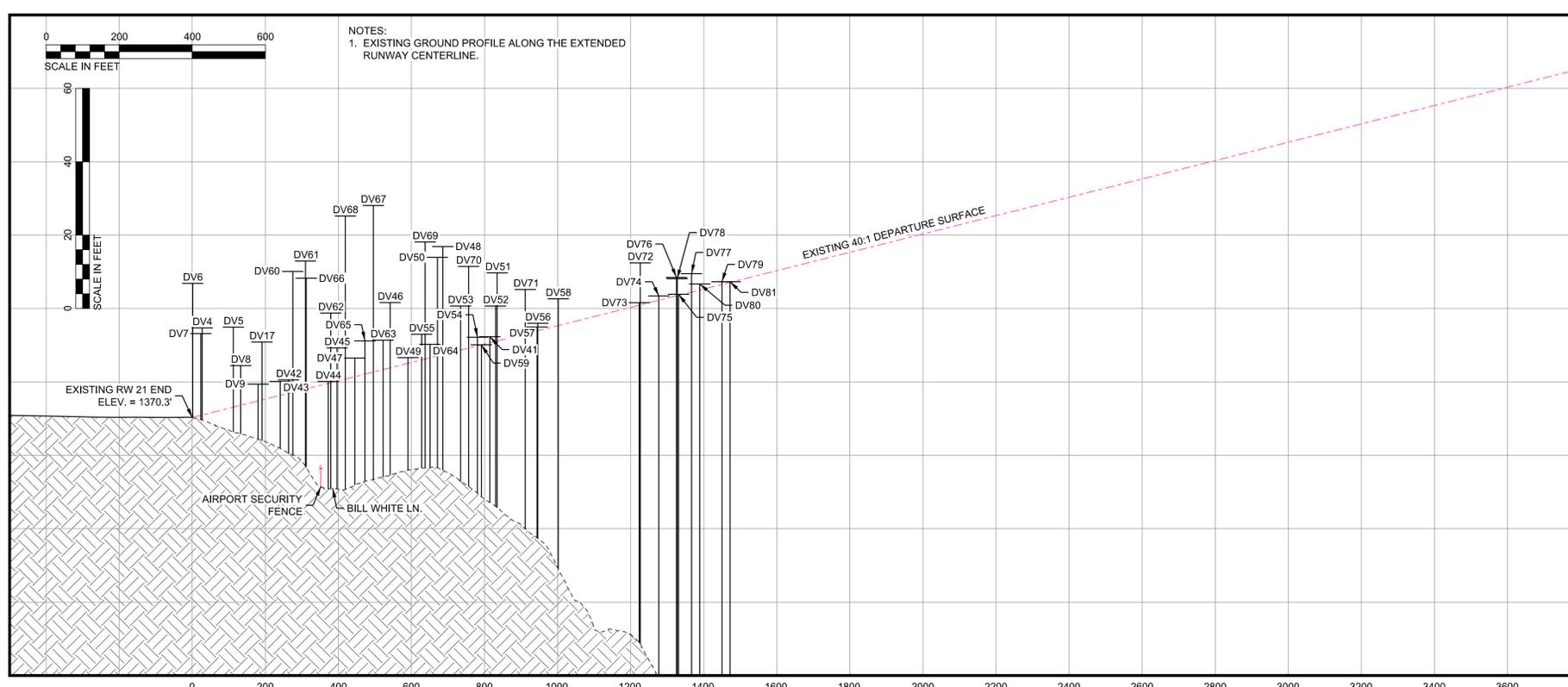
A=APPROACH T=TRANSITIONAL P=PRIMARY * - THIS OBSTRUCTION HAS BEEN REMOVED

REV.	DR.	CHK.	DATE	DESCRIPTION
	JEC	BRH	11-28-2022	FINAL ALP SET



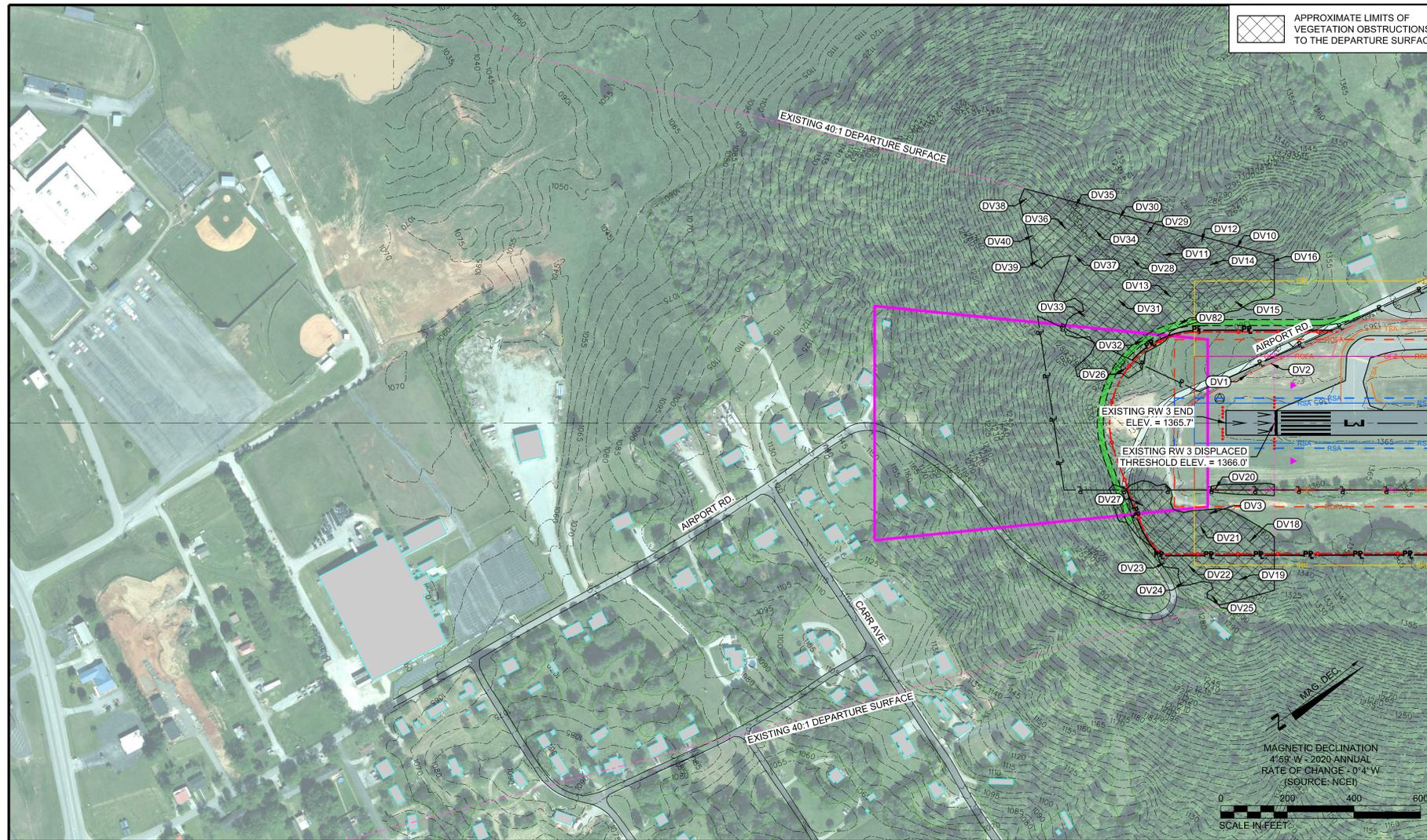
LEGEND		
	EXISTING	ULTIMATE
RUNWAY SAFETY AREA (RSA)	— RSA —	— RSA —
RUNWAY OBJECT FREE AREA (ROFA)	— ROFA —	— ROFA —
RUNWAY OBSTACLE FREE ZONE (OFZ)	— OFZ —	N/A
RUNWAY PROTECTION ZONE (RPZ)	— RPZ —	N/A
BUILDING RESTRICTION LINE (BRL)	— BRL —	N/A
APPROACH SURFACE	— AS —	N/A
THRESHOLD SITING SURFACE	— TSS —	N/A
DEPARTURE SURFACE	— DS —	N/A
TAXIWAY SAFETY AREA (TSA)	— TSA —	— TSA —
TAXIWAY OBJECT FREE AREA (TOFA)	— TOFA —	— TOFA —
AIRPORT REFERENCE POINT	⊙	⊙
AIRPORT PAVEMENT	▨	▨
AIRPORT BUILDINGS	■	■
OTHER BUILDINGS	■	N/A
AIRPORT PROPERTY LINE / EASEMENTS	— PL —	— PL —
FENCE	— F —	— F —
ROADS	— R —	— R —
GROUND ELEVATION CONTOURS	— C —	N/A
ROTATING BEACON	★	N/A
PAPI	■ ■ ■ ■	N/A
THRESHOLD LIGHTS	● ● ● ●	N/A
RUNWAY END IDENTIFICATION LIGHTS	▼ ▼ ▼ ▼	N/A
TO BE REMOVED	N/A	▨

AERIAL MAPPING AND PHOTOGRAPHY PROVIDED BY: WOOLPERT, INC.
SURVEY DATE: MAY 3, 2020



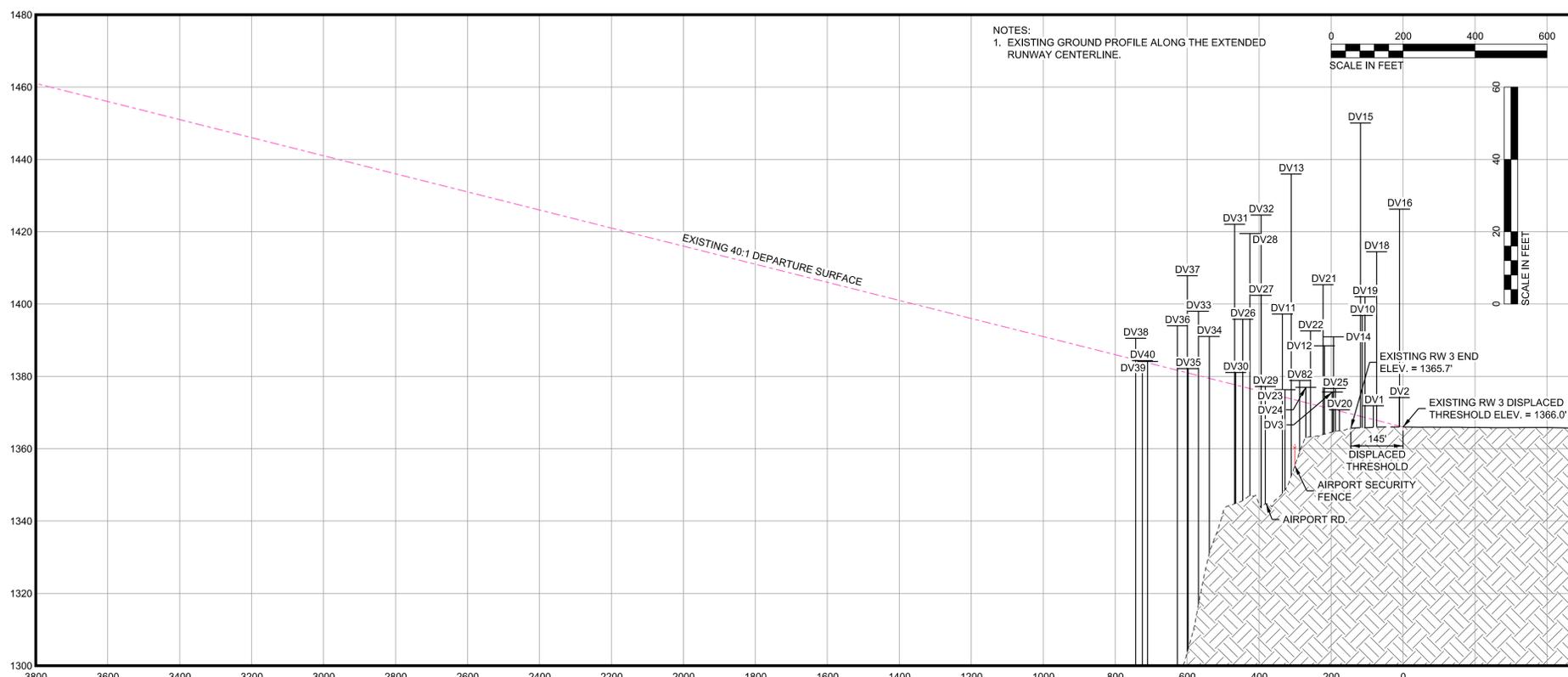
OBSTRUCTION TABLE							
POINT	DESCRIPTION	APPROX. TOP ELEV. (msl)	EXISTING DEPARTURE SURFACE		ULTIMATE DEPARTURE SURFACE		PROPOSED ACTION
			ELEV. (msl)	SURFACE PENETRATION	ELEV. (msl)	SURFACE PENETRATION	
DV4	TREE	1394.7'	1371.0'	23.7'	SAME	SAME	REMOVE
DV5	TREE	1394.9'	1373.1'	21.8'	SAME	SAME	REMOVE
DV6	TREE	1406.9'	1370.3'	36.6'	SAME	SAME	REMOVE
DV7	TREE	1393.2'	1370.9'	22.3'	SAME	SAME	REMOVE
DV8	TREE	1384.5'	1373.6'	10.9'	SAME	SAME	REMOVE
DV9	TREE	1379.4'	1374.8'	4.6'	SAME	SAME	REMOVE
*DV17	TREE	1390.9'	1375.1'	15.8'	SAME	SAME	REMOVED
DV41	TREE	1392.3'	1390.7'	1.6'	SAME	SAME	REMOVE
DV42	TREE	1380.6'	1376.9'	3.7'	SAME	SAME	REMOVE
DV43	TREE	1380.1'	1376.3'	3.8'	SAME	SAME	REMOVE
DV44	TREE	1380.1'	1379.6'	0.5'	SAME	SAME	REMOVE
DV45	TREE	1389.3'	1380.2'	9.1'	SAME	SAME	REMOVE
DV46	TREE	1401.6'	1383.8'	17.8'	SAME	SAME	REMOVE
DV47	TREE	1386.5'	1381.4'	5.1'	SAME	SAME	REMOVE
DV48	TREE	1416.9'	1387.5'	29.4'	SAME	SAME	REMOVE
DV49	TREE	1386.6'	1385.1'	1.5'	SAME	SAME	REMOVE
DV50	TREE	1414.0'	1387.1'	26.9'	SAME	SAME	REMOVE
DV51	TREE	1409.7'	1391.2'	18.5'	SAME	SAME	REMOVE
DV52	TREE	1400.7'	1391.1'	9.6'	SAME	SAME	REMOVE
DV53	TREE	1390.6'	1388.7'	1.9'	SAME	SAME	REMOVE
DV54	TREE	1392.2'	1389.8'	2.4'	SAME	SAME	REMOVE
DV55	TREE	1393.0'	1386.0'	7.0'	SAME	SAME	REMOVE
DV56	TREE	1396.0'	1393.9'	2.1'	SAME	SAME	REMOVE
DV57	TREE	1395.0'	1393.9'	1.1'	SAME	SAME	REMOVE
DV58	TREE	1402.7'	1395.4'	7.3'	SAME	SAME	REMOVE
DV59	TREE	1390.1'	1390.1'	0.0'	SAME	SAME	REMOVE
DV60	TREE	1410.1'	1377.2'	32.9'	SAME	SAME	REMOVE
DV61	TREE	1412.9'	1378.1'	34.8'	SAME	SAME	REMOVE
*DV62	TREE	1398.8'	1379.8'	19.0'	SAME	SAME	REMOVED
*DV63	TREE	1391.4'	1383.4'	8.0'	SAME	SAME	REMOVED
*DV64	TREE	1390.3'	1386.6'	3.7'	SAME	SAME	REMOVED
DV65	TREE	1391.2'	1382.1'	9.1'	SAME	SAME	REMOVE
*DV66	TREE	1408.3'	1378.1'	30.2'	SAME	SAME	REMOVED
DV67	TREE	1428.1'	1382.7'	45.4'	SAME	SAME	REMOVE
DV68	TREE	1425.2'	1380.8'	44.4'	SAME	SAME	REMOVE
DV69	TREE	1418.1'	1386.2'	31.9'	SAME	SAME	REMOVE
DV70	TREE	1411.5'	1389.2'	22.3'	SAME	SAME	REMOVE
DV71	TREE	1405.2'	1393.1'	12.1'	SAME	SAME	REMOVE
DV72	TREE	1412.4'	1401.0'	11.4'	SAME	SAME	REMOVE
DV73	TREE	1401.6'	1400.9'	0.7'	SAME	SAME	REMOVE
DV74	TREE	1403.4'	1402.2'	1.2'	SAME	SAME	REMOVE
DV75	TREE	1403.9'	1403.6'	0.3'	SAME	SAME	REMOVE
DV76	TREE	1408.5'	1403.4'	5.1'	SAME	SAME	REMOVE
DV77	TREE	1409.5'	1404.5'	5.0'	SAME	SAME	REMOVE
DV78	TREE	1408.1'	1403.5'	4.6'	SAME	SAME	REMOVE
DV79	TREE	1407.3'	1406.5'	0.8'	SAME	SAME	REMOVE
DV80	TREE	1406.7'	1405.0'	1.7'	SAME	SAME	REMOVE
DV81	TREE	1407.3'	1407.1'	0.2'	SAME	SAME	REMOVE

* - THIS OBSTRUCTION HAS BEEN REMOVED



LEGEND		
	EXISTING	ULTIMATE
RUNWAY SAFETY AREA (RSA)		
RUNWAY OBJECT FREE AREA (ROFA)		
RUNWAY OBSTACLE FREE ZONE (OFZ)		N/A
RUNWAY PROTECTION ZONE (RPZ)		N/A
BUILDING RESTRICTION LINE (BRL)		N/A
APPROACH SURFACE		N/A
THRESHOLD SITING SURFACE		N/A
DEPARTURE SURFACE		N/A
TAXIWAY SAFETY AREA (TSA)		
TAXIWAY OBJECT FREE AREA (TOFA)		
AIRPORT REFERENCE POINT		N/A
AIRPORT PAVEMENT		
AIRPORT BUILDINGS		
OTHER BUILDINGS		N/A
AIRPORT PROPERTY LINE / EASEMENTS		
FENCE		
ROADS		
GROUND ELEVATION CONTOURS		N/A
ROTATING BEACON		N/A
PAPI		N/A
THRESHOLD LIGHTS		N/A
RUNWAY END IDENTIFICATION LIGHTS		N/A
TO BE REMOVED		

AERIAL MAPPING AND PHOTOGRAPHY PROVIDED BY WOOLPERT, INC. SURVEY DATE: MAY 3, 2020



OBSTRUCTION TABLE							
POINT	DESCRIPTION	APPROX. TOP ELEV. (msl)	EXISTING DEPARTURE SURFACE		ULTIMATE DEPARTURE SURFACE		PROPOSED ACTION
			ELEV. (msl)	SURFACE PENETRATION	ELEV. (msl)	SURFACE PENETRATION	
DV1	FENCE	1371.9'	1368.1'	3.8'	SAME	SAME	REMOVE
DV2	FENCE	1374.2'	1366.3'	7.9'	SAME	SAME	REMOVE
DV3	TANK	1375.7'	1370.9'	4.8'	SAME	SAME	LIGHT
DV10	TREE	1396.9'	1368.8'	28.1'	SAME	SAME	REMOVE
DV11	TREE	1397.2'	1374.4'	22.8'	SAME	SAME	REMOVE
DV12	TREE	1388.5'	1371.5'	17.0'	SAME	SAME	REMOVE
DV13	TREE	1435.9'	1373.8'	62.1'	SAME	SAME	REMOVE
DV14	TREE	1390.9'	1370.8'	20.1'	SAME	SAME	REMOVE
DV15	TREE	1450.1'	1369.0'	81.1'	SAME	SAME	REMOVE
DV16	TREE	1426.3'	1366.2'	60.1'	SAME	SAME	REMOVE
DV18	TREE	1414.5'	1367.8'	46.7'	SAME	SAME	REMOVE
DV19	TREE	1402.0'	1368.6'	33.4'	SAME	SAME	REMOVE
DV20	TREE	1370.8'	1370.4'	0.4'	SAME	SAME	REMOVE
DV21	TREE	1405.3'	1371.6'	33.7'	SAME	SAME	REMOVE
DV22	TREE	1392.6'	1372.4'	20.2'	SAME	SAME	REMOVE
DV23	TREE	1376.3'	1374.2'	2.1'	SAME	SAME	REMOVE
DV24	TREE	1377.0'	1372.8'	4.2'	SAME	SAME	REMOVE
DV25	TREE	1376.6'	1370.7'	5.9'	SAME	SAME	REMOVE
DV26	TREE	1395.8'	1377.1'	18.7'	SAME	SAME	REMOVE
DV27	TREE	1402.4'	1375.9'	26.5'	SAME	SAME	REMOVE
DV28	TREE	1419.5'	1376.6'	42.9'	SAME	SAME	REMOVE
DV29	TREE	1377.2'	1375.6'	1.6'	SAME	SAME	REMOVE
DV30	TREE	1381.1'	1377.6'	3.5'	SAME	SAME	REMOVE
DV31	TREE	1422.1'	1377.7'	44.4'	SAME	SAME	REMOVE
DV32	TREE	1424.6'	1375.9'	48.7'	SAME	SAME	REMOVE
DV33	TREE	1398.0'	1380.2'	17.8'	SAME	SAME	REMOVE
DV34	TREE	1391.0'	1379.5'	11.5'	SAME	SAME	REMOVE
DV35	TREE	1382.1'	1380.9'	1.2'	SAME	SAME	REMOVE
DV36	TREE	1394.0'	1381.7'	12.3'	SAME	SAME	REMOVE
DV37	TREE	1407.8'	1381.0'	26.8'	SAME	SAME	REMOVE
DV38	TREE	1390.5'	1384.6'	5.9'	SAME	SAME	REMOVE
DV39	TREE	1384.1'	1383.8'	0.3'	SAME	SAME	REMOVE
DV40	TREE	1384.4'	1384.1'	0.3'	SAME	SAME	REMOVE
DV82	UTILITY POLE	1378.9'	1373.2'	5.7'	SAME	SAME	LIGHT

RUNWAY 21 DEPARTURE SURFACE DRAWING
 AIRPORT LAYOUT PLAN
 LIVINGSTON MUNICIPAL AIRPORT
 LIVINGSTON, TENNESSEE

REV.	DR.	CHK.	DATE	DESCRIPTION
	JEC	BRH	11-28-2022	FINAL AUP SET

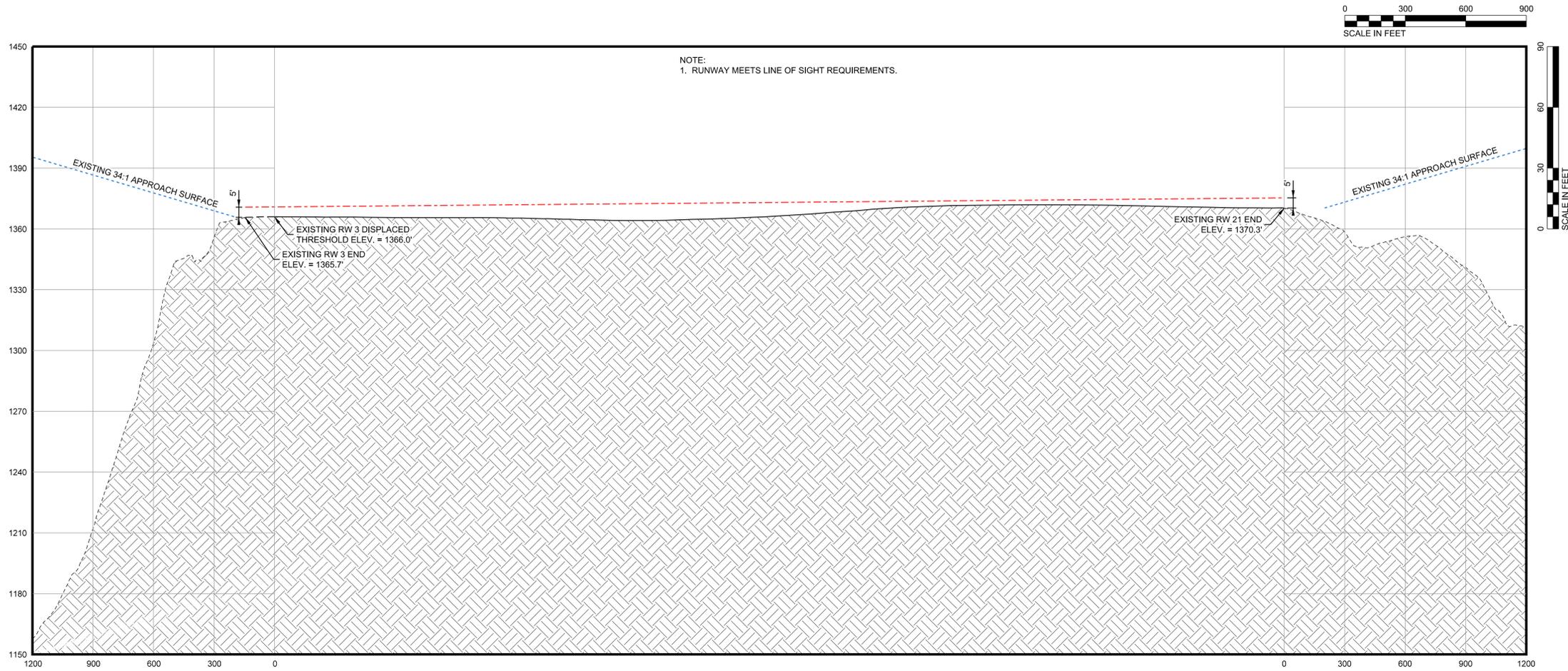
FILE NO. 33418-15

BARGE
 DESIGN SOLUTIONS
 615 3rd Avenue South, Suite 300 | Nashville, Tennessee 37210
 PHONE (615) 254-1500 / FAX (615) 255-6872

11/28/2022
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RUNWAY PROFILE

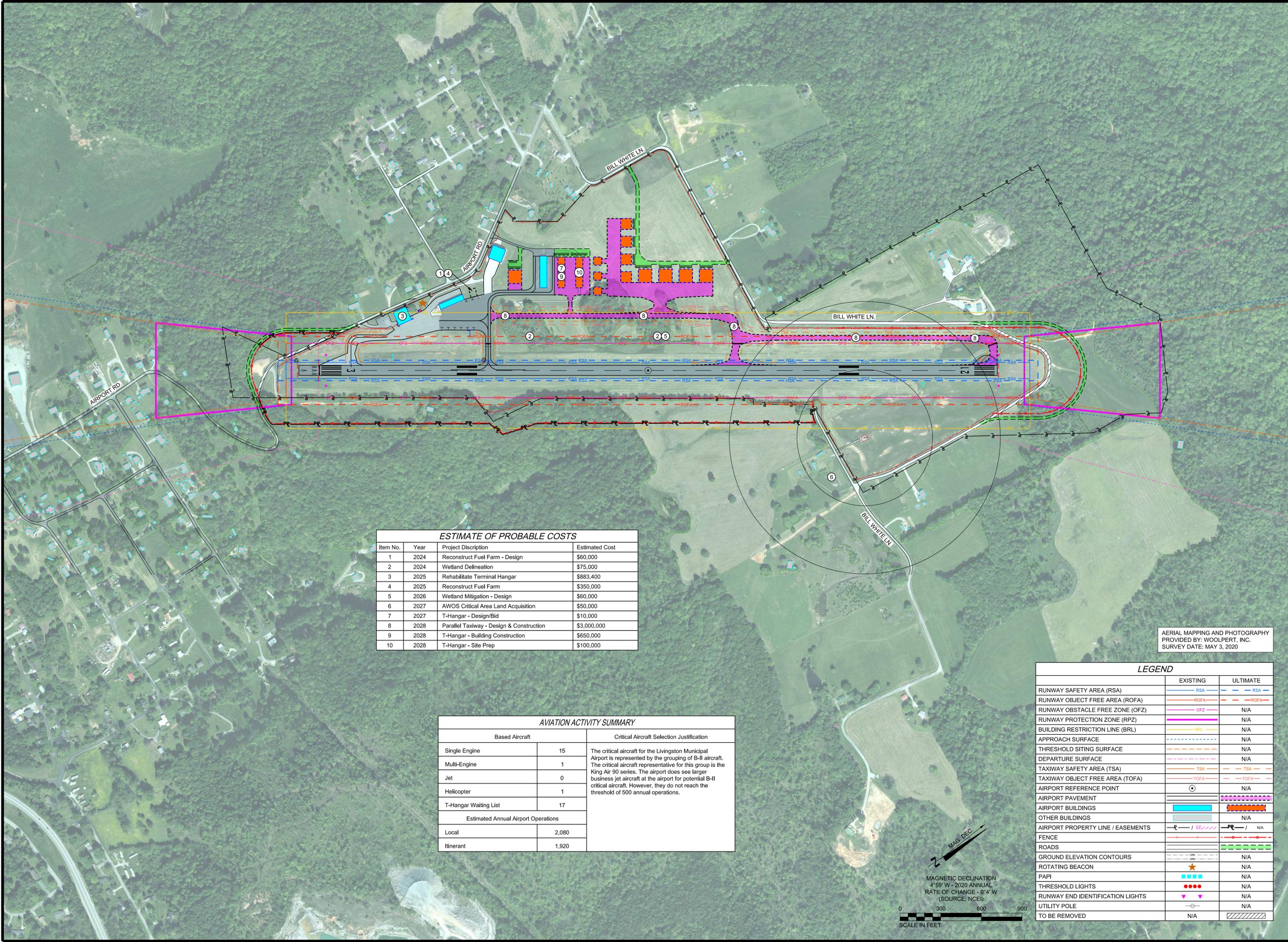
AIRPORT LAYOUT PLAN
LIVINGSTON MUNICIPAL AIRPORT
LIVINGSTON, TENNESSEE



REVISION INFORMATION			
REV.	CHK.	DATE	DESCRIPTION
	JEC	BRH	11-28-2022
			FINAL ALP SET

AIRPORT CAPITAL IMPROVEMENT PLAN DRAWING

AIRPORT LAYOUT PLAN
LIVINGSTON MUNICIPAL AIRPORT
LIVINGSTON, TENNESSEE



ESTIMATE OF PROBABLE COSTS

Item No.	Year	Project Description	Estimated Cost
1	2024	Reconstruct Fuel Farm - Design	\$60,000
2	2024	Wetland Delineation	\$75,000
3	2025	Rehabilitate Terminal Hangar	\$883,400
4	2025	Reconstruct Fuel Farm	\$350,000
5	2026	Wetland Mitigation - Design	\$60,000
6	2027	AWOS Critical Area Land Acquisition	\$50,000
7	2027	T-Hangar - Design/Bid	\$10,000
8	2028	Parallel Taxiway - Design & Construction	\$3,000,000
9	2028	T-Hangar - Building Construction	\$650,000
10	2028	T-Hangar - Site Prep	\$100,000

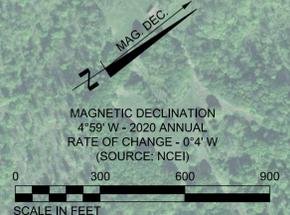
AVIATION ACTIVITY SUMMARY

Based Aircraft		Critical Aircraft Selection Justification
Single Engine	15	
Multi-Engine	1	
Jet	0	
Helicopter	1	
T-Hangar Waiting List	17	
Estimated Annual Airport Operations		
Local	2,080	
Itinerant	1,920	

AERIAL MAPPING AND PHOTOGRAPHY PROVIDED BY: WOOLPERT, INC.
SURVEY DATE: MAY 3, 2020

LEGEND

	EXISTING	ULTIMATE
RUNWAY SAFETY AREA (RSA)	— RSA —	— RSA —
RUNWAY OBJECT FREE AREA (ROFA)	— ROFA —	— ROFA —
RUNWAY OBSTACLE FREE ZONE (OFZ)	— OFZ —	N/A
RUNWAY PROTECTION ZONE (RPZ)	— RPZ —	N/A
BUILDING RESTRICTION LINE (BRL)	— BRL —	N/A
APPROACH SURFACE	— AS —	N/A
THRESHOLD SITING SURFACE	— TSS —	N/A
DEPARTURE SURFACE	— DS —	N/A
TAXIWAY SAFETY AREA (TSA)	— TSA —	— TSA —
TAXIWAY OBJECT FREE AREA (TOFA)	— TOFA —	— TOFA —
AIRPORT REFERENCE POINT	⊙	N/A
AIRPORT PAVEMENT	▨	▨
AIRPORT BUILDINGS	■	■
OTHER BUILDINGS	■	N/A
AIRPORT PROPERTY LINE / EASEMENTS	— P — / — E —	— P — / — E —
FENCE	— F —	— F —
ROADS	— R —	— R —
GROUND ELEVATION CONTOURS	— G —	N/A
ROTATING BEACON	★	N/A
PAPI	■ ■ ■ ■	N/A
THRESHOLD LIGHTS	● ● ● ●	N/A
RUNWAY END IDENTIFICATION LIGHTS	▼ ▼ ▼ ▼	N/A
UTILITY POLE	⊖	N/A
TO BE REMOVED	N/A	▨



REVISION INFORMATION

REV.	CHK.	DATE	DESCRIPTION
1	JEC	11-28-2022	FINAL AUP SET