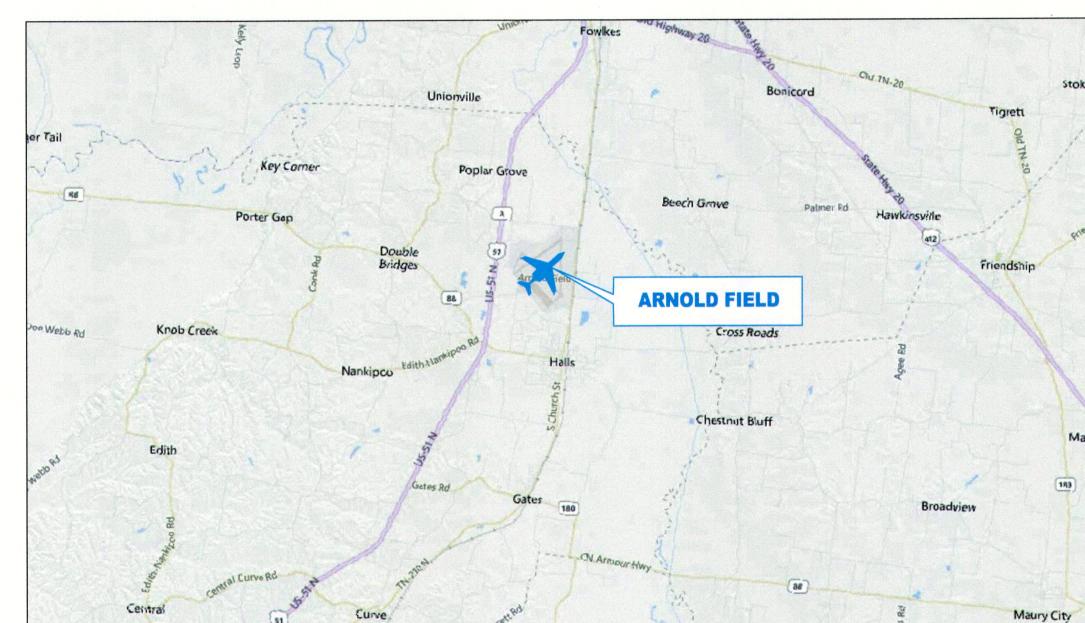
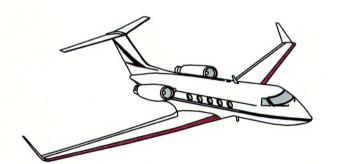
AIRPORT LAYOUT PLAN AT ARNOLD FIELD

TAD NO. 49-555-0729-20
PREPARED FOR
TOWN OF HALLS, TENNESSEE







STATE OF TENNESSEE

HONORABLE BILL LEE, GOVERNOR

DEPARTMENT OF TRANSPORTATION

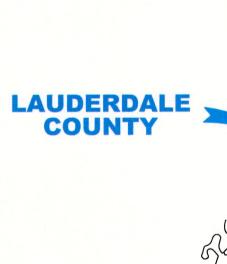
CLAY BRIGHT, COMMISSIONER

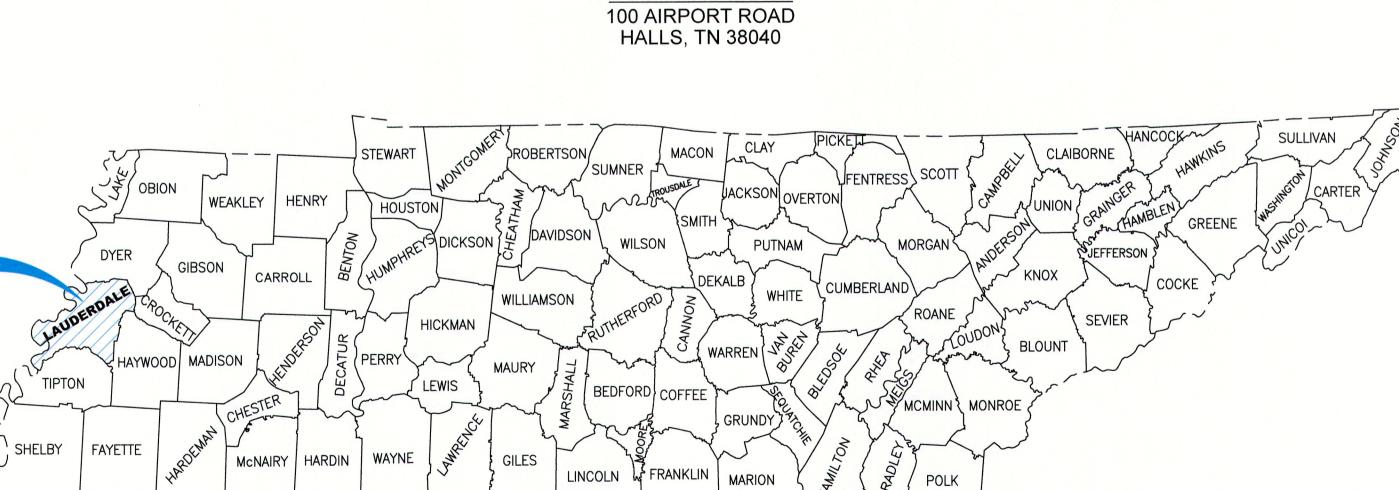
TENNESSEE AERONAUTICS DIVISION

MICHELLE FRAZIER, DIRECTOR
JOHN PAUL SAALWAECHTER, P.E., CHIEF ENGINEER
JIM CURREY, P.E., TRANSPORTATION PROJECT SPECIALIST

TOWN OF HALLS

EUGENE PUGH, TOWN OF HALLS MAYOR FRED TAYLOR, MANAGER





COUNTY MAP

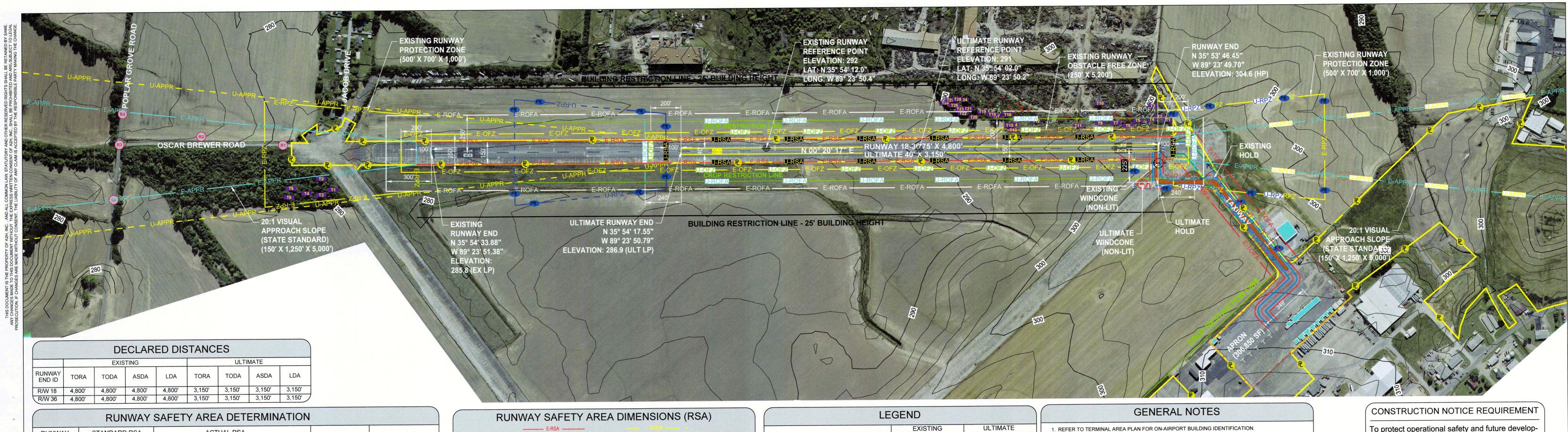
VICINITY MAP

INDEX OF DRAWINGS

SHEET NO.	TITLE	REVISION
	COVER SHEET	
1	AIRPORT LAYOUT DRAWING	
2	INNER APPROACH 18 SURFACE DRAWING	
3	INNER APPROACH 36 SURFACE DRAWING	
4	CAPITAL IMPROVEMENT PLAN WITH TERMINAL AREA PLAN	
5	EXHIBIT A PROPERTY MAP	
6	EXHIBIT A PROPERTY MAP	
7	EXHIBIT A PROPERTY MAP	

A2H JOB NUMBER: 17458.02

JUNE 2021



	RUN	WAY	SAFETY A	REA	DETERMINATION		
RUNWAY	STANDARD	RSA		ACTUA	LRSA	RSA	DATE ADDDOVED
END NUMBER	LENGTH BEYOND RWY	WIDTH	LENGTH BEYOND RWY	WIDTH	VIOLATIONS TO RSA ALONG SIDE OF RUNWAY	DETERMINATION	DATE APPROVED
EXISTING RUNWAY 18	100'	150'	100'	150'		UNKOWN	
ULTIMATE RUNWAY 18	100'	150'	100'	150'		UNKOWN	
EXISTING RUNWAY 36	100'	150'	100'	150'		UNKOWN	
ULTIMATE RUNWAY 36	100'	150'	100'	150'		UNKOWN	

		RUNW	AY 18	RUNW	AY 36
ITEM		EXISTING	ULTIMATE	EXISTING	ULTIMATE
RUNWAY DESIGN CODE		A-I-4,800	A-I-3,150	A-I-4,800	A-I-3,150
RUNWAY REFERENCE CODE		A-I-4,800	A-I-3,150	A-I-4,800	A-I-3,150
EFFECTIVE GRADIENT (%)		0.39%	SAME	0.39%	SAME
MAXIMUM GRADE CHANGE *		0.93%	SAME	0.93%	SAME
WIND COVERAGE (%)		97.9%	SAME	97.9%	SAME
MAX. ELEVATION (MSL)		304.6'	SAME	304.6'	SAME
RUNWAY LENGTH		4,800'	3,150'	4,800'	3,150'
RUNWAY WIDTH		75'	40'	75'	40'
RUNWAY SHOULDER WIDTH		10'	10'	10'	10'
USABLE RUNWAY LENGTH		4,800'	3,150'	4,800'	3,150'
SURFACE TYPE		ASPHALT	SAME	ASPHALT	SAME
PAVEMENT STRENGTH	SWL	30,000 (EST)	SAME	30,000 (EST)	SAME
(ASPHALT SURFACE)	DWL	45,000 (EST)	SAME	45,000 (EST)	SAME
STRENGTH BY PCN (ASPHALT OVERLAY ON R	GID)	9	SAME	9	SAME
RUNWAY PCI			55 (2014) 2.4 D	ROP RATE / YR	
APPROACH SURFACE SLOPE	Carried Administration of the Control of the Contro	20:1	SAME	20:1	SAME
APPROACH TYPE		VISUAL	SAME	VISUAL	SAME
RUNWAY DEPARTURE SURFACE		N/A	SAME	N/A	SAME
VISIBILITY MINIMUMS		VIS	SAME	VIS	SAME
VISUAL APPROACH AIDS		NONE	SAME	NONE	SAME
AERONAUTICAL SURVEY REQUIRED		NVGS/CIRCLING	SAME	NVGS/CIRCLING	SAME
LIGHTING (RUNWAY / TAXIWAY)		NONE	SAME	NONE	SAME
RUNWAY MARKING		NPI	VISUAL	NPI	VISUAL
FAR PART 77 CATEGORY		A(V)	SAME	A(V)	SAME
RUNWAY END LATITUDE COORDINATES (NAD 83) LONGITUDE		N 35° 54' 33.88" W 89° 23' 51.38"	N 35° 54' 17.55" W 89° 23' 50.79"	N 35° 53' 46.45" W 89° 23' 49.70"	SAME
RUNWAY END ELEVATIONS (MSL)		285.8'	286.9'	304.6'	SAME
TDZ ELEVATION (MSL)		285.8'	286.9'	304.6'	SAME
APPROACH REFERENCE CODE		B-I(S)-VIS/B-I(S)-VIS	B-I(S)-VIS/B-I(S)-VIS	B-I(S)-VIS/B-I(S)-VIS	B-I(S)-VIS/B-I(S)-V
DEPARTURE REFERENCE CODE		B-I(S)/B-I(S)	B-I(S)/B-I(S)	B-I(S)/B-I(S)	B-I(S)/B-I(S)

TRAVERSE WAY									
#	NAME	ROADWAY ELEVATION (FT.)*	EXIST. / ULT. APPROACH SURFACE ELEVATION (FT.)	EXIST. / ULT. PENETRATION (FT.)	EXIST. / ULT. PROPOSED ACTION				
R1	OSCAR BREWER ROAD	281.6' + 15' = 296.6'	329.8'	NONE	NO ACTION				
R2	OSCAR BREWER ROAD	276.3' + 15' = 291.3'	356.8'	NONE	NO ACTION				
R3	OSCAR BREWER ROAD	276.7' + 15' = 291.7'	383.8'	NONE	NO ACTION				
R4	POPLAR GROVE ROAD	274.8' + 15' = 289.8'	385.8'	NONE	NO ACTION				
R5	POPLAR GROVE ROAD	272.9' + 15' = 287.9'	382.6'	NONE	NO ACTION				
R6	CO OP DRIVE	301.5' + 15' = 316.5'	436.8'	NONE	NO ACTION				
R7	ENTRANCE ROAD	309.8' + 15' = 324.8'	456.4'	NONE	NO ACTION				
R8	ENTRANCE ROAD	307.4' + 15' = 322.4'	458.3'	NONE	NO ACTION				
R9	ENTRANCE ROAD	309.3' + 15' = 324.3'	460.3'	NONE	NO ACTION				

RUNWAY SAFETY AREA DIMENSIONS (RSA)								
		WIDTH	LENGTH BEYOND RUNWAY ENDS					
	EXISTING	150'	100'					

ULTIMATE

ULTIMATE

RUNWAY OBJECT FREE AREA DIMENSIONS (ROFA)							
		WIDTH	LENGTH BEYOND RUNWAY ENDS				
DUNINAY 40 20	EXISTING	500'	300'				
RUNWAY 18-36	LUTIMATE	400'	240'				

RUNWAY	PROTECTI	ON ZONE D	IMENSIONS — - U-RPZ — -	(RPZ)
		INNER WIDTH	OUTER WIDTH	LENGTH
	EXISTING	500'	700'	1,000'
RUNWAY 18	ULTIMATE	500'	700'	1,000'
	EXISTING	500'	700'	1,000'
RUNWAY 36	ULTIMATE	500'	700'	1,000'

RUN		DBSTACLE FR	REE ZONE DIMENSIONS (OFZ)			
		WIDTH	LENGTH BEYOND RUNWAY ENDS			
11NN/AV 18 36	EXISTING	250'	200'			

AIRF	PORT DA	TA			
	E	XISTING	U	LTIMATE	
AIRPORT ELEVATION (MSL) (NAVD 88)		292'		291'	
AIRPORT REFERENCE POINT COORDINATES (NAD 83)	LAT. LONG.	N 35° 54' 12.0" W 89° 23' 50.4"	LAT. LONG.	N 35° 54' 02.0" W 89° 23' 50.2"	
MEAN MAX. TEMP. OF HOTTEST MONTH		JULY 91° F		SAME	
AIRPORT TERMINAL AREA NAVAIDS	v	WINDCONE		SAME	
AIRPORT MAGNETIC VARIATION (IGRF)	2°00'W	CHANGING BY 0°5'V	V PER YR (JUNE 2020 NOAA	
NPIAS SERVICE LEVEL	1	NON-NPIAS		NON-NPIAS	
AIRPORT REFERENCE CODE (ARC)		A-I		A-I	
DESIGN AIRCRAFT	DIAMO	DIAMOND TWIN STAR		SAME	
TAXIWAY LIGHTING		NONE SAME		SAME	
FUEL		100LL		SAME	

TAXIWAY DATA							
EXISTING ULTIMATE							
TAXIWAY DESIGN GROUP	1A	1A					
TAXIWAY WIDTH	35'	25'					
TAXIWAY EDGE SAFETY MARGIN	7.5'	5'					
TAXIWAY SHOULDER WIDTH	15'	10'					
TAXIWAY /TAXILANE SAFETY AREA	79'	49'					
TAXIWAY OBJECT FREE AREA	131'	89'					
TAXILANE OBJECT FREE AREA	115'	79'					
TAXIWAY PCI 40 (2014) 3.2 DROP RATE / YEAR							

DR. CHK.

DATE

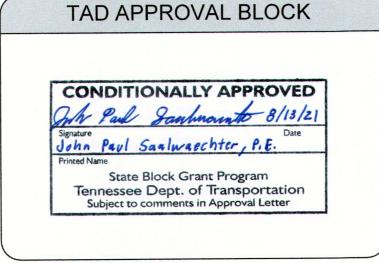
06/2021

	EXISTING	ULTIMATE
RUNWAY CENTERLINE		Commenced Sections
TAXIWAY CENTERLINE		and the second second
RUNWAY MARKINGS		
RUNWAY SAFETY AREA (RSA)	E-RSA	UARA
RUNWAY OBJECT FREE AREA (ROFA)	E-ROFA	and all the same
RUNWAY OBSTACLE FREE ZONE (OFZ)	E-OFZ	— — U-OFZ — ·
RUNWAY PROTECTION ZONE (RPZ)	E-997	U-RPZ
APPROACH SURFACE	Accessed & 1999	= \$UWPR_= •
TAXIWAY OBJECT FREE AREA (TOFA)	E-TOFA	U-TOFA — -
TAXIWAY SAFETY AREA (TSA)	E-TSA	U-TSA
BUILDING RESTRICTION LINE (BRL)		
AIRPORT PAVEMENT		
AIRPORT REFERENCE POINT	•	-
AIRPORT BUILDINGS		
OTHER BUILDINGS		
AIRPORT PROPERTY LINE	<u>P</u>	PP- · ·
FENCE (4' - 8')	xx	—×——×—
GROUND ELEVATIONS CONTOURS		 490
PAVEMENT OR BUILDING TO BE REMOVED		
WINDCONE	- <u>O</u> -	-O-
PART 77 VIOLATIONS	100	

	MODIFICAT	IONS OF	DESIGN S	TANDAF	RDS

	APPROVAL BLOCK
7-2	S P. P
DATE	EUGENE PUGH, TOWN OF HALLE MAYOR

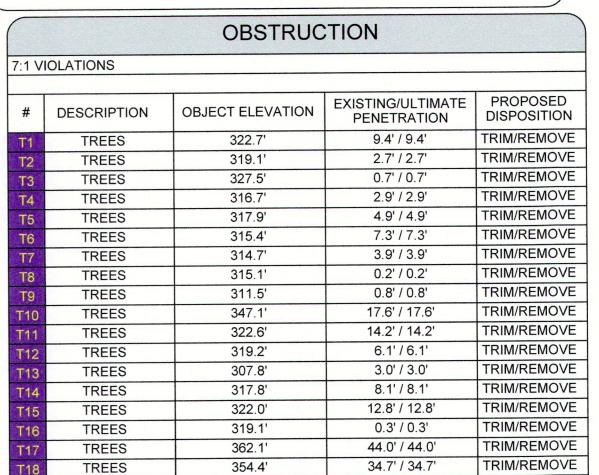
NO. STANDARD MODIFIED FAA STANDARDS EXISTING CONDITION PROPOSED ACTION DATE APPROVED
NONE REQUIRED NONE REQUIRED NONE REQUIRED NONE REQUIRED



DESCRIPTION

ORIGINAL ISSUE

To protect operational safety and future development, all proposed construction on the airport must be coordinated by the airport owner with the Tennessee Department of Transportation-Aeronautics Division prior to construction. TDOT-AD's review takes approximately 60 days.



325.2'

352.8'

333.4'

350.9'

332.8'

336.3'

342.4'

336.4

334.6'

338.2'

2.7' / 2.7'

35.6' / 35.6'

8.1' / 8.1'

29.9' / 29.9'

7.7' / 7.7'

2.5' / 2.5'

8.2' / 8.2'

7.8' / 7.8'

1.0' / 1.0'

7.2' / 7.2'

TRIM/REMOVE

TRIM/REMOVE

TRIM/REMOVE

TRIM/REMOVE

TRIM/REMOVE

TRIM/REMOVE

TRIM/REMOVE

RIM/REMOVE

TRIM/REMOVE

TRIM/REMOVE

2. PROPERTY LINE LOCATION SHOWN IS APPROXIMATE.

4. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.

8. AERIAL SURVEY PERFORMED AT 2' CONTOUR INTERVALS. SURVEY DATE: 5-15-2020 TYPE: VERTICALLY GUIDED.

5. ALL GVGSI SITING MUST BE IN ACCORDANCE WITH FAA GUIDANCE.

7. NO OBJECTS WITHIN THE TAXIWAY SAFETY OR OBJECT FREE AREAS.

9. EXISTING PERIMETER FENCE IS 8' IN HEIGHT WITH 3 STRANDS BARBED WIRE.

6. ALL COORDINATES BASED ON NAD83, AND VERTICAL ELEVATIONS BASED ON NAVD88.

OBSTRUCTIONS TO APPROACH INDENTIFIED ON INNER APPROACH DRAWINGS.

3. NO OBSTACLE FREE ZONE PENETRATIONS.

TREES

TREES

TREES

TREES

TREES

TREES

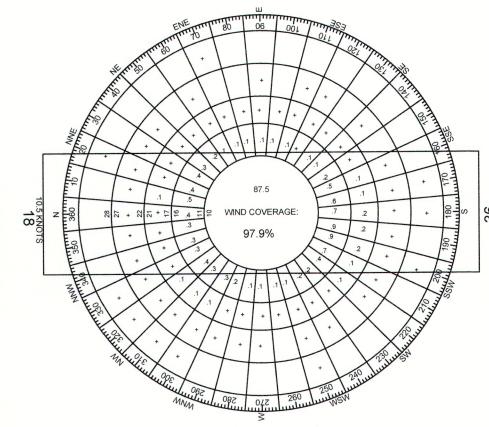
TREES

TREES

TREES

TREES

	OBSTRUCTION						
20:1 /	APPROACH VIOLAT	TONS					
#	DESCRIPTION	OBJECT ELEVATION	EXISTING/ULTIMATE PENETRATION	PROPOSED DISPOSITION			
T1	TREES	319.3'	5.8' / 0.0'	TRIM/REMOVE			
T2	TREES	330.3'	13.0' / 0.0'	TRIM/REMOVE			
Т3	TREES	326.5'	9.2' / 0.0'	TRIM/REMOVE			
T4	TREES	323.7'	1.5' / 0.0'	TRIM/REMOVE			
T5	TREES	331.3'	4.1' / 0.0'	TRIM/REMOVE			
Т6	TREES	334.2'	6.2' / 0.0'	TRIM/REMOVE			



ALL WEATHER WIND ROSE

SOURCE: NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NC MEMPHIS INTERNATIONAL AIRPOR MEMPHIS, TN 2011 - 2020 # OF OBSERVATIONS - 76,344

AIRPORT LAYOUT DRAWING

AIRPORT LAYOUT PLAN SET

HALLS, LAUDERDALE COUNTY, TENNESSEE TAD No. 49-555-0729-20

MAGNETIC DECLINATION: CHANGING BY 0° 5' W SCALE: 1"=300' SHEET

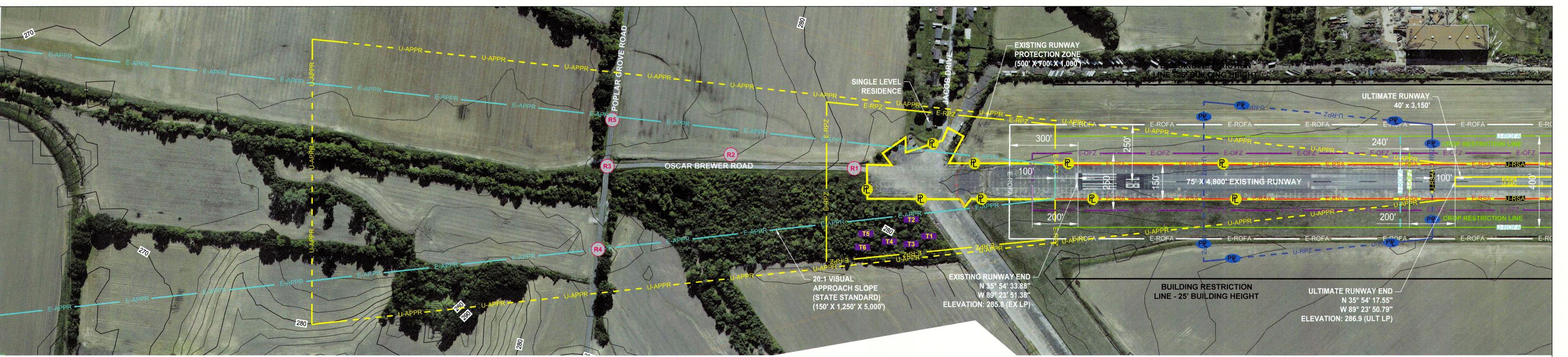
ENGINEERS ARCHITECTS PLANNERS

* 15' ADDED FOR ROAD CLEARANCE

A2H, INC. **3009 DAVIES PLANTATION ROAD** LAKELAND, TN 38002 P. 901.372.0404 WWW.A2H.COM

ARNOLD FIELD

PROJECT NO: 17458.02

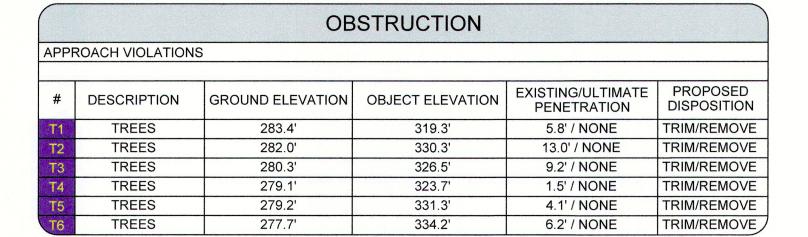


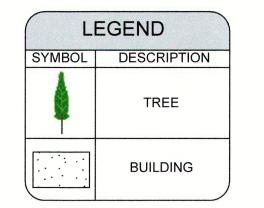
	1//				
LEGEND					
	EXISTING	ULTIMATE			
RUNWAY CENTERLINE					
RUNWAY SAFETY AREA (RSA)	—— E-RSA ——				
RUNWAY OBJECT FREE AREA (ROFA)	E-ROFA	The State of the S			
RUNWAY OBSTACLE FREE ZONE (ROFZ)	—— E-OFZ ——	U-0FZ			
RUNWAY PROTECTION ZONE (RPZ)	<u>5,872</u>	U-RPZ			
APPROACH SURFACE	E-1878	— LAPPR —			
AIRPORT PAVEMENT					
OTHER BUILDINGS					
AIRPORT PROPERTY LINE	₽	PP			
FENCE	xx	xx			
GROUND ELEVATIONS CONTOURS *					
PART 77 VIOLATIONS		T1			

* 2-FT CONTOUR INTERVAL

	TRAVERSE WAY				
#	NAME	ROADWAY ELEVATION (FT.)*	EXIST. / ULT. APPROACH SURFACE ELEVATION (FT.)	EXIST. / ULT. PENETRATION (FT.)	EXIST. / ULT. PROPOSED ACTION
R1	OSCAR BREWER ROAD	281.6' + 15' = 296.6'	329.8'	NONE	NO ACTION
R2	OSCAR BREWER ROAD	276.3' + 15' = 291.3'	356.8'	NONE	NO ACTION
R3	OSCAR BREWER ROAD	276.7' + 15' = 291.7'	383.8'	NONE	NO ACTION
R4	POPLAR GROVE ROAD	274.8' + 15' = 289.8'	385.8'	NONE	NO ACTION
R5	POPLAR GROVE ROAD	272.9' + 15' = 287.9'	382.6'	NONE	NO ACTION

^{* 15&#}x27; ADDED FOR ROAD CLEARANCE





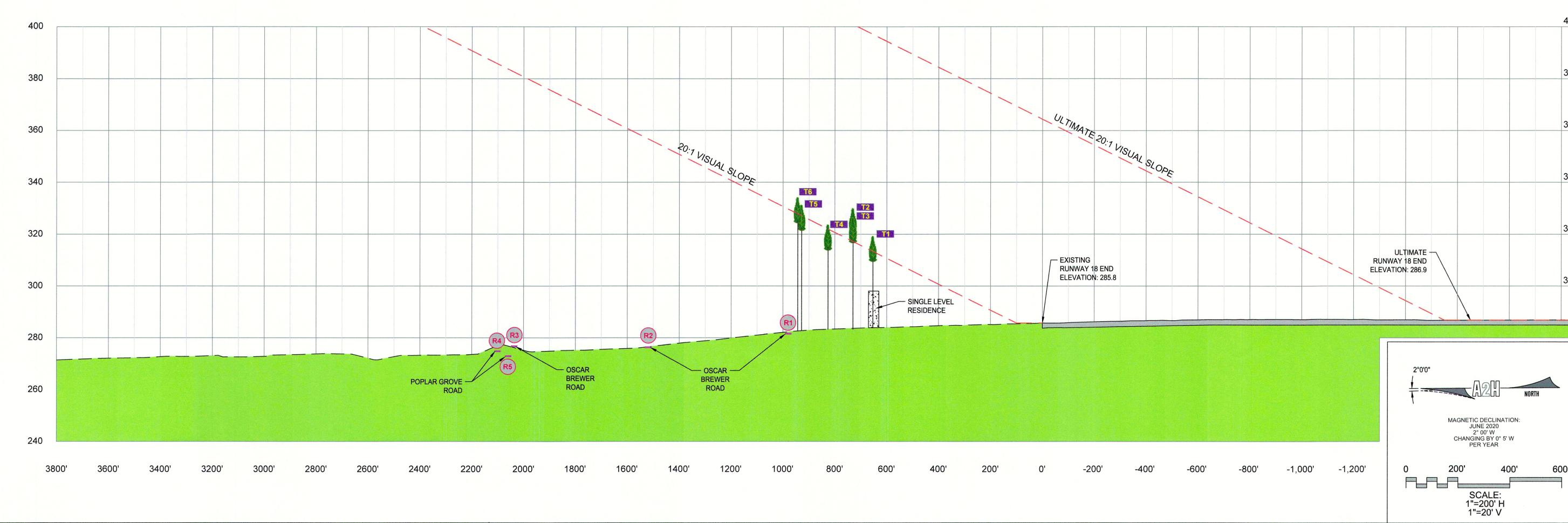
NOTES:

1. SEE AIRPORT LAYOUT DRAWING FOR INFORMATION ON

TO ATTOMIC SHOWN AROVE

APPROACH VIOLATIONS SHOWN ABOVE. 2. DATE OR OBSTRUCTION SURVEY: 5-15-2020.

3. REFER TO HALLS ZONING ORDINANCE ARTICLE IX -PROVISIONS GOVERNING AIRPORT DISTRICTS FOR HEIGHT LIMITATIONS, HAZARD MARKING AND LIGHTING, AND AIRSPACE ZONES.





A2H, INC. 3009 DAVIES PLANTATION ROAD LAKELAND, TN 38002 P. 901.372.0404 WWW.A2H.COM

-	_	-			-
	DR.	CHK.	DATE	DESCRIPTION	
			06/2021	ORIGINAL ISSUE	

INNER APPROACH 18 SURFACE DRAWING

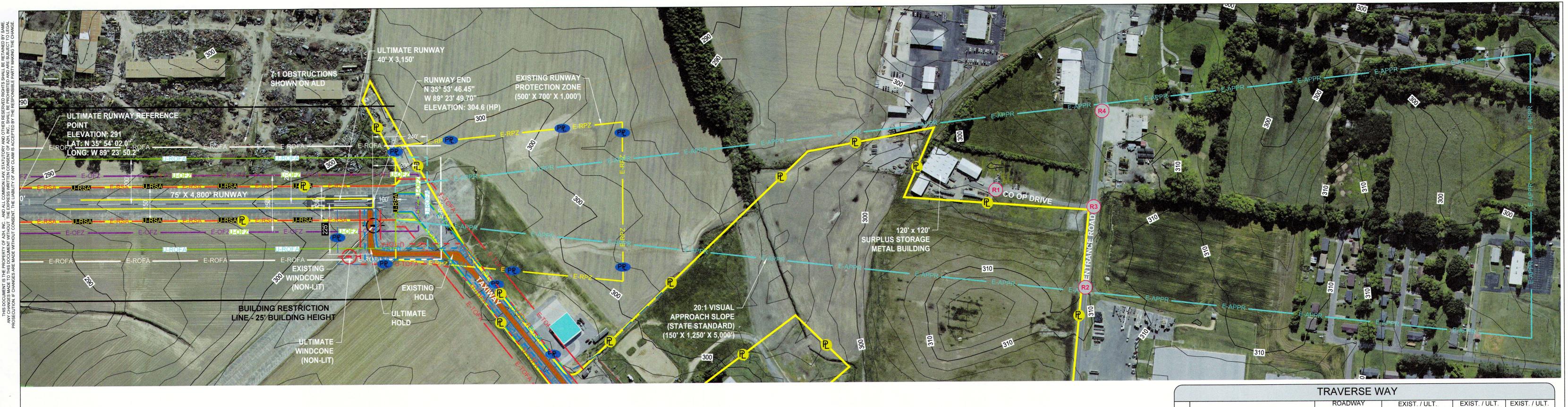
AIRPORT LAYOUT PLAN SET

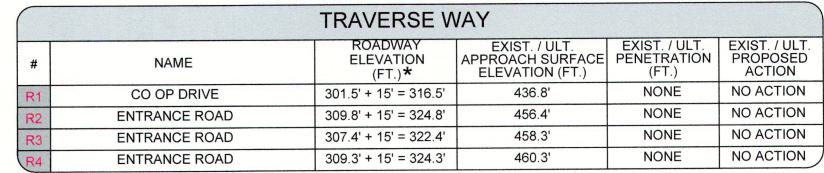
ARNOLD FIELD HALLS, LAUDERDALE COUNTY, TENNESSEE

TAD No. 49-555-0729-20

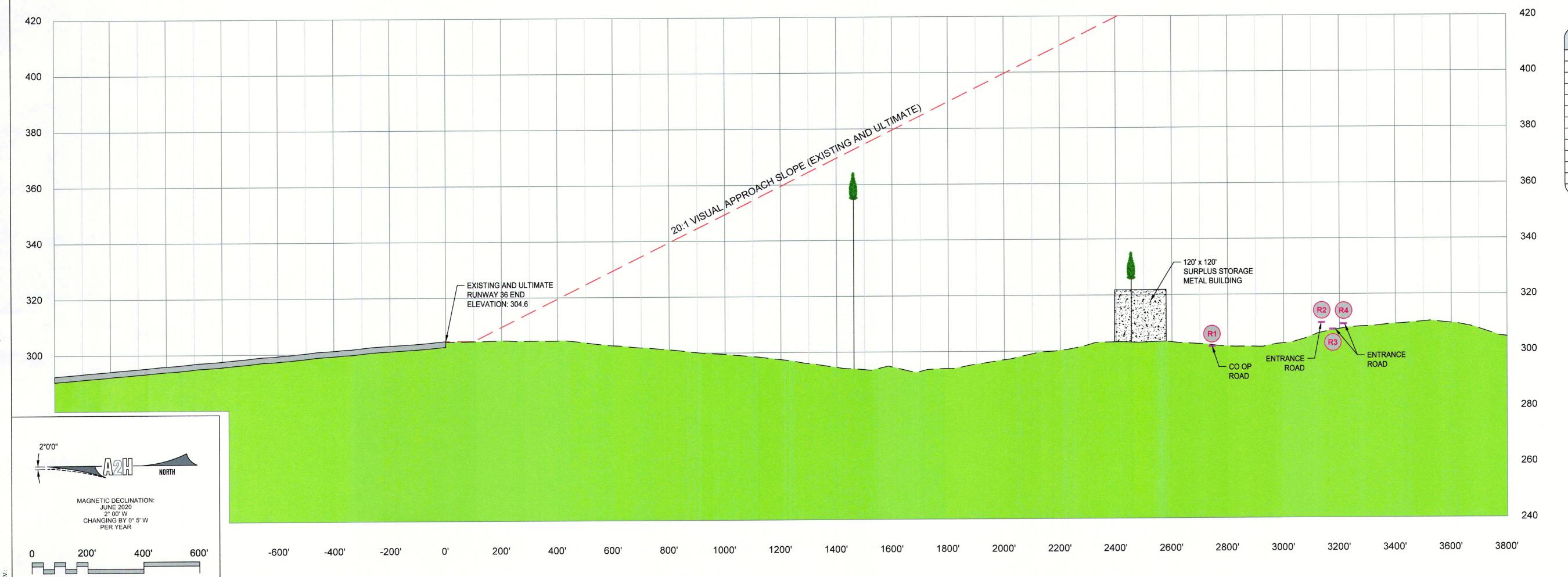
9 PROJECT NO: 17458.02

SHEET





*15' ADDED FOR ROAD CLEARANCE

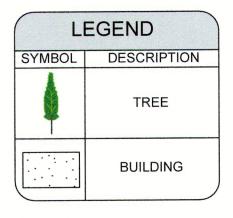


DR. CHK.

DATE

LEGEND					
	EXISTING	ULTIMATE			
RUNWAY CENTERLINE					
RUNWAY SAFETY AREA (RSA)	E-RSA	Latta -			
RUNWAY OBJECT FREE AREA (ROFA)	E-OFA	- TOTA			
RUNWAY OBSTACLE FREE ZONE (ROFZ)	E-OFZ	U-0FZ -			
RUNWAY PROTECTION ZONE (RPZ)	EAPE	U-RPZ -			
APPROACH SURFACE	Service J. 2008 Service	U-4FPR			
AIRPORT PAVEMENT					
OTHER BUILDINGS					
AIRPORT PROPERTY LINE		PP			
FENCE	xx	××			
GROUND ELEVATIONS CONTOURS *	 490	 490			
PART 77 VIOLATIONS	T1	T1			

* 2-FT CONTOUR INTERVAL



- NOTES:

 1. SEE AIRPORT LAYOUT DRAWING FOR INFORMATION ON

 1. SEE AIRPORT LAYOUT DRAWING FOR INFORMATION ON
- APPROACH VIOLATIONS SHOWN ABOVE.

AND AIRSPACE ZONES.

2. DATE OR OBSTRUCTION SURVEY: 5-15-2020. 3. REFER TO HALLS ZONING ORDINANCE ARTICLE IX -PROVISIONS GOVERNING AIRPORT DISTRICTS FOR HEIGHT LIMITATIONS, HAZARD MARKING AND LIGHTING,

INNER APPROACH 36 SURFACE DRAWING

AIRPORT LAYOUT PLAN SET

ARNOLD FIELD

HALLS, LAUDERDALE COUNTY, TENNESSEE TAD No. 49-555-0729-20

SCALE: 1"=200' H 1"=20' V

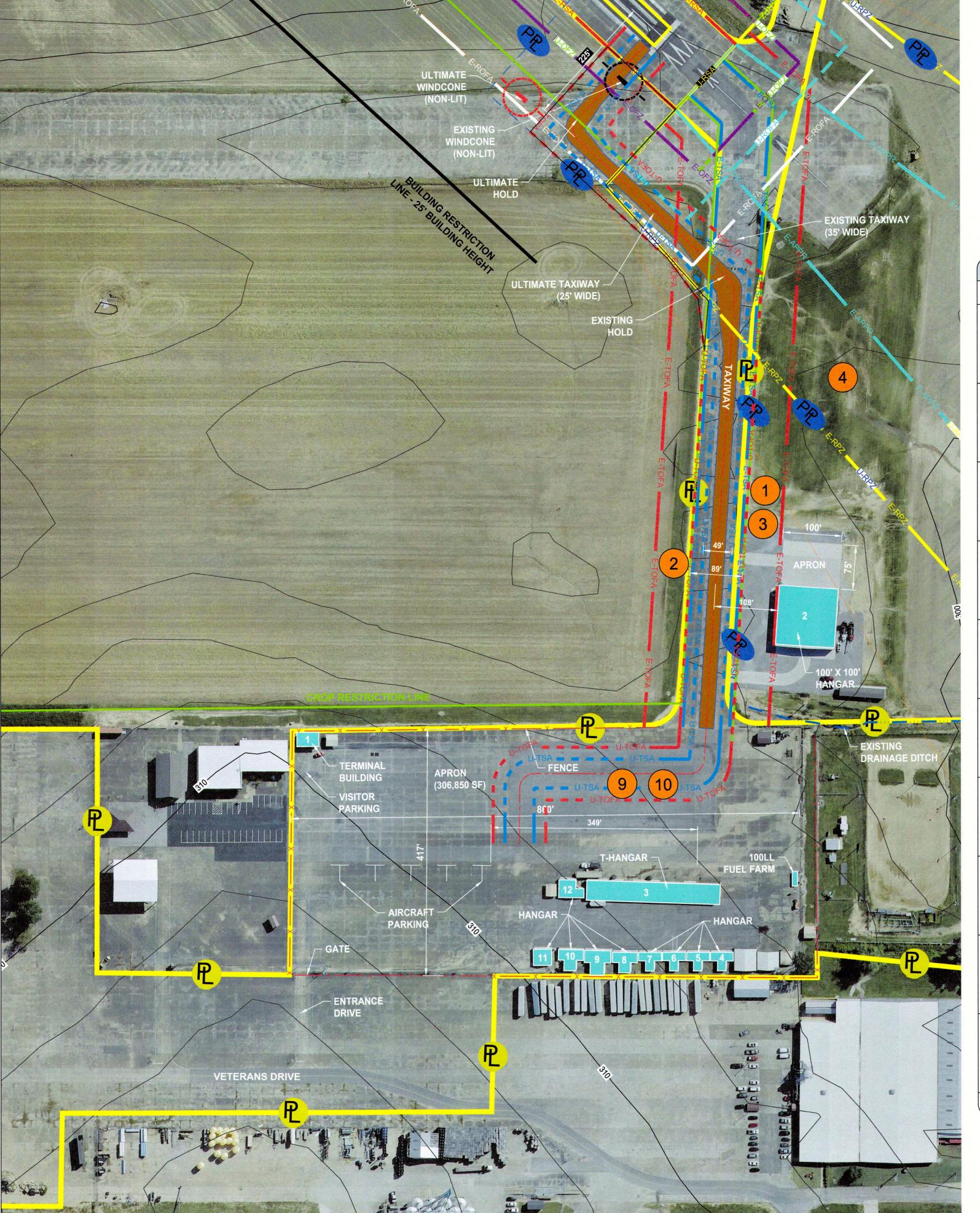
A2H, INC. 3009 DAVIES PLANTATION ROAD LAKELAND, TN 38002 P. 901.372.0404 WWW.A2H.COM

ORIGINAL ISSUE 06/2021

DESCRIPTION

SHEET

PROJECT NO: 17458.02



	LEGEND					
	EXISTING	ULTIMATE				
RUNWAY CENTERLINE						
TAXIWAY CENTERLINE		-4				
RUNWAY SAFETY AREA (RSA)	E-RSA	U-RSA -				
RUNWAY OBJECT FREE AREA (ROFA)	E-ROFA	Land DECEMBER				
RUNWAY OBSTACLE FREE ZONE (ROFZ)	E-OFZ	U-0FZ -				
RUNWAY PROTECTION ZONE (RPZ)	E-RY	—— U-RPZ				
APPROACH SURFACE	TATE OF THE PARTY	UAPPR				
TAXIWAY OBJECT FREE AREA (TOFA)	E-TOFA	U-TOFA				
TAXIWAY SAFETY AREA (TSA)	E-TSA	U-TSA -				
BUILDING RESTRICTION LINE (BRL)	-					
AIRPORT PAVEMENT						
AIRPORT BUILDINGS						
OTHER BUILDINGS		[]				
AIRPORT PROPERTY LINE	Pe Pe	PP				
FENCE	xx	×				
WIND CONE	-(-)-	-(-)-				

EXISTING BUILDING DATA						
BUILDING NUMBER	STRUCTURE	GROUND ELEVATION	TOP ELEVATION	PENETRATION	PROPOSED ACTION	
1	TERMINAL BUILDING	309.5'	325.4'	NONE	NO ACTION	
2	100' X 100' HANGAR	303.1'	328.4'	NONE	NO ACTION	
3	T-HANGAR	306.9'	326.9'	NONE	NO ACTION	
4	HANGAR	306.7'	324.8'	NONE	NO ACTION	
5	HANGAR	307.2'	325.2'	NONE	NO ACTION	
6	HANGAR	307.6'	325.5'	NONE	NO ACTION	
7	HANGAR	308.0'	325.9'	NONE	NO ACTION	
8	HANGAR	308.4'	326.3'	NONE	NO ACTION	
9	HANGAR	308.7'	328.7'	NONE	NO ACTION	
10	HANGAR	309.0'	327.0'	NONE	NO ACTION	
11	HANGAR	309.3'	327.4'	NONE	NO ACTION	
12	HANGAR	308.3'	326.2'	NONE	NO ACTION	

	STAGE I = YEAR 0-3		STAGE II = YEAR 4-6		STAGE III = YEAR 7+
F	PROJECT COST		PROJECT	COST	PROJECT
1	RUNWAY PAVEMENT IMPROVEMENT \$140,000 DESIGN SURVEY AND DESIGN OF THE IMPROVEMENTS TO THE AIRFIELD PAVEMENTS. THE EXISTING RUNWAY PAVEMENT IS IN VERY POOR CONDITION ACCORDING TO THE 2015 PAVEMENT STUDY.		TAXIWAY RECONFIGURATION DESIGN SURVEY AND DESIGN OF THE RECONFIGURATION TAXIWAY TO CORRECT THE DIRECT ACCESS EXISTING APRON. THE EXISTING TAXIWAY P SERIOUS CONDITION ACCORDING TO THE 2 STUDY.	S FROM THE AVEMENT IS IN	1) AIRFIELD PAVEMENT REHABILITATION PERFORM ROUTINE CRACK REPAIR ON ALL AIRFIELD PAVEMENT AS NEEDED.
2	RUNWAY PAVEMENT IMPROVEMENT \$2,000,000 CONSTRUCTION CRACK AND SEAT EXISTING RUNWAY PAVEMENTS WITH AN ASPHALT OVERLAY. THE EXISTING RUNWAY PAVEMENT IS IN VERY POOR CONDITION ACCORDING TO THE 2015 PAVEMENT STUDY.	2	LAND ACQUISITION FOR TAXIWAY RECONFIGURATION PURCHASE THE PROPERTY NEEDED FOR THE RECONFIGURATION TO INCLUDE THE SAFET FREE AREAS. THE LAND WILL BE PURCHASE THE PROJECT WILL INCLUDE A PHASE I ENVASSESSMENT ON THE PROPOSED PROPERTY	Y AND OBJECT D AS FEE SIMPLE. IRONMENTAL	2 AIRFIELD SECURITY PROVIDE INCREASED AIRFIELD SECURITY VIA THE ADDITI OF PERIMETER FENCING AND SECURITY CAMERAS.
3	RUNWAY SAFETY AREA DETERMINATION \$15,000 FIELD RUN SURVEY OF THE RUNWAY SAFETY AREA TO DETERMINE IF IT MEETS EXISTING FAA REQUIREMENTS. COMPLETION AND SUBMITTAL OF THE RSA DETERMINATION AND INVENTORY FORMS INCLUDED IN FAA ARP SOP 8.00.	3	TAXIWAY RECONFIGURATION CONSTRUCTION CONSTRUCTION OF THE RECONFIGURED TA CORRECT THE DIRECT ACCESS FROM THE RECONCLUDE CRACK AND SEAT OF EXISTING PAVEMENTS, IN ADDITION TO THE NEW RECONCESSION OF TAXIWAY PORTION.	EXISTING APRON. TAXIWAY	3 ALP UPDATE UPDATE CURRENT ALP TO REFLECT ANY CHANGES DONE THE AIRPORT AND ANY FUTURE PROJECTS.
4	RUNWAY SAFETY AREA IMPROVEMENTS \$20,000 DESIGN DESIGN OF ACCEPTABLE SLOPES AND SURFACES WITHIN THE RUNWAY SAFETY AREA IN AREAS THAT WERE DETERMINED TO BE SUB-STANDARD IN THE RSA DETERMINATION.	4	LAND STUDY FOR RUNWAY 18/36 RUNW PROTECTION ZONE ACQUISITIONS THE PROJECT WILL INCLUDE A TITLE SEARCOF SURVEY AND PLAT, PHASE I ENVIRONME APPRAISAL, AND REVIEW APPRAISAL ON THE PROPERTY.	CH, PREPARATION NTAL ASSESSMENT,	
5	RUNWAY SAFETY AREA IMPROVEMENTS \$400,000 CONSTRUCTION CONSTRUCTION OF ACCEPTABLE SLOPES WITHIN THE RUNWAY SAFETY AREA. IN ADDITION, ANY OBJECTS WITHIN THE RSA THAT WERE FOUND TO BE A STANDARDS VIOLATION WILL BE REMOVED.	5	LAND ACQUISITION FOR RUNWAY 36 RUNWAY PROTECTION ZON PURCHASE REMAINDER OF PROPERTY IN SPROTECTION ZONE. THE LAND WILL BE PURSIMPLE. THE PROJECT WILL INCLUDE CLOSTITLE CONVEYANCE.	OUTH RUNWAY CHASED AS FEE	
		6	LAND ACQUISITION FOR RUNWAY 18 RUNWAY PROTECTION ZON PURCHASE REMAINDER OF PROPERTY IN N PROTECTION ZONE. THE LAND WILL BE PUR SIMPLE. THE PROJECT WILL INCLUDE CLOS TITLE CONVEYANCE.	ORTH RUNWAY CHASED AS FEE	
		7	LAND STUDY FOR RUNWAY OBJECT FRAREA ACQUISITION THE PROJECT WILL INCLUDE A TITLE SEARCOF SURVEY AND PLAT, PHASE I ENVIRONME APPRAISAL, AND REVIEW APPRAISAL ON THE PROPERTY.	CH, PREPARATION INTAL ASSESSMENT,	
		8	LAND ACQUISITION FOR RUNWAY OBJECT FREE AREA PURCHASE REMAINDER OF PROPERTY IN TOUR OBJECT FREE AREA. THE LAND WILL BE PURSIMPLE. THE PROJECT WILL INCLUDE CLOSTITLE CONVEYANCE.	RCHASED AS FEE	
		9	APRON IMPROVEMENTS DESIGN SURVEY AND DESIGN OF THE REHABILITATI EXISTING APRON PAVEMENTS. THE EXISTIN PAVEMENT RANGES FROM SERIOUS TO POR ACCORDING TO THE 2015 PAVEMENT STUD	G APRON OR CONDITION	
		10	APRON IMPROVEMENTS CONSTRUCTION CONSTRUCTION OF THE REHABILITATION OF APRON PAVEMENTS. THE EXISTING APRON RANGES FROM SERIOUS TO POOR CONDITION TO THE 2015 PAVEMENT STUDY.	N THE EXISTING PAVEMENT	

AERONAUTICAL ACTIVITY					
TOTAL OPERATIONS	9,065				
BASED AIRCRAFT	13				
CRITICAL AIRCRAFT	DIAMOND TWIN STAR				
ANNUAL OPERATIONS BY CRITICAL AIRCRAFT	600				
RUNWAY DESIGN CODE	A-I				
APPROACH REFERENCE CODE	B-I(S)-VIS				
DEPARTURE REFERENCE CODE	B-I				

- 1. FINAL CONFIGURATION AND LOCATION OF TERMINAL AREA FACILITIES, WIND CONE, AND FUEL TANK MAY DIFFER.
- OBSTRUCTIONS ARE SHOWN ON INNER APPROACH DRAWINGS AND ALD.
 PROPERTY LINE LOCATION SHOWN IS APPROXIMATE.

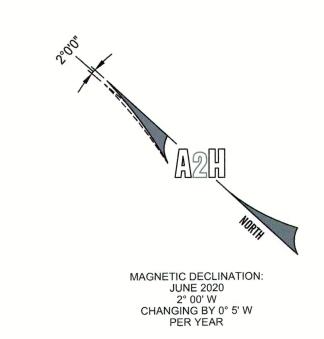
TAXILANE DATA					
	EXISTING	ULTIMATE			
TAXIWAY DESIGN GROUP	1A	1A			
TAXIWAY WIDTH	35'	25'			
TAXIWAY EDGE SAFETY MARGIN	7.5'	5'			
TAXIWAY SHOULDER WIDTH	15'	10'			
TAXIWAY /TAXILANE SAFETY AREA	79'	49'			
TAXIWAY OBJECT FREE AREA	131'	89'			
TAXILANE OBJECT FREE AREA	115'	79'			
TAXIWAY PCI	40 (2014) 3.2 DF	OP RATE / YEAR			

- NOTES:

 1. ESTIMATED COSTS ARE NOTE BASED ON DETAILED DESIGN.

 2. ALL COSTS ARE SHOWN IN TERMS OF (ALP YEAR) DOLLARS.

 3. AIRPORT CAPITAL IMPROVEMENT PLAN UPDATES REQUIRED ON AN ANNUAL BASIS.



SCALE: 1"=100'

A2H, INC. 3009 DAVIES PLANTATION ROAD LAKELAND, TN 38002 P. 901.372.0404 WWW.A2H.COM

DR. CHK. DESCRIPTION DATE ORIGINAL ISSUE 06/2021

TERMINAL AREA PLAN AND CAPITAL IMPROVEMENTS PLAN

AIRPORT LAYOUT PLAN SET

ARNOLD FIELD

HALLS, LAUDERDALE COUNTY, TENNESSEE TAD No. 49-555-0729-20

SHEET

PROJECT NO: 17458.02