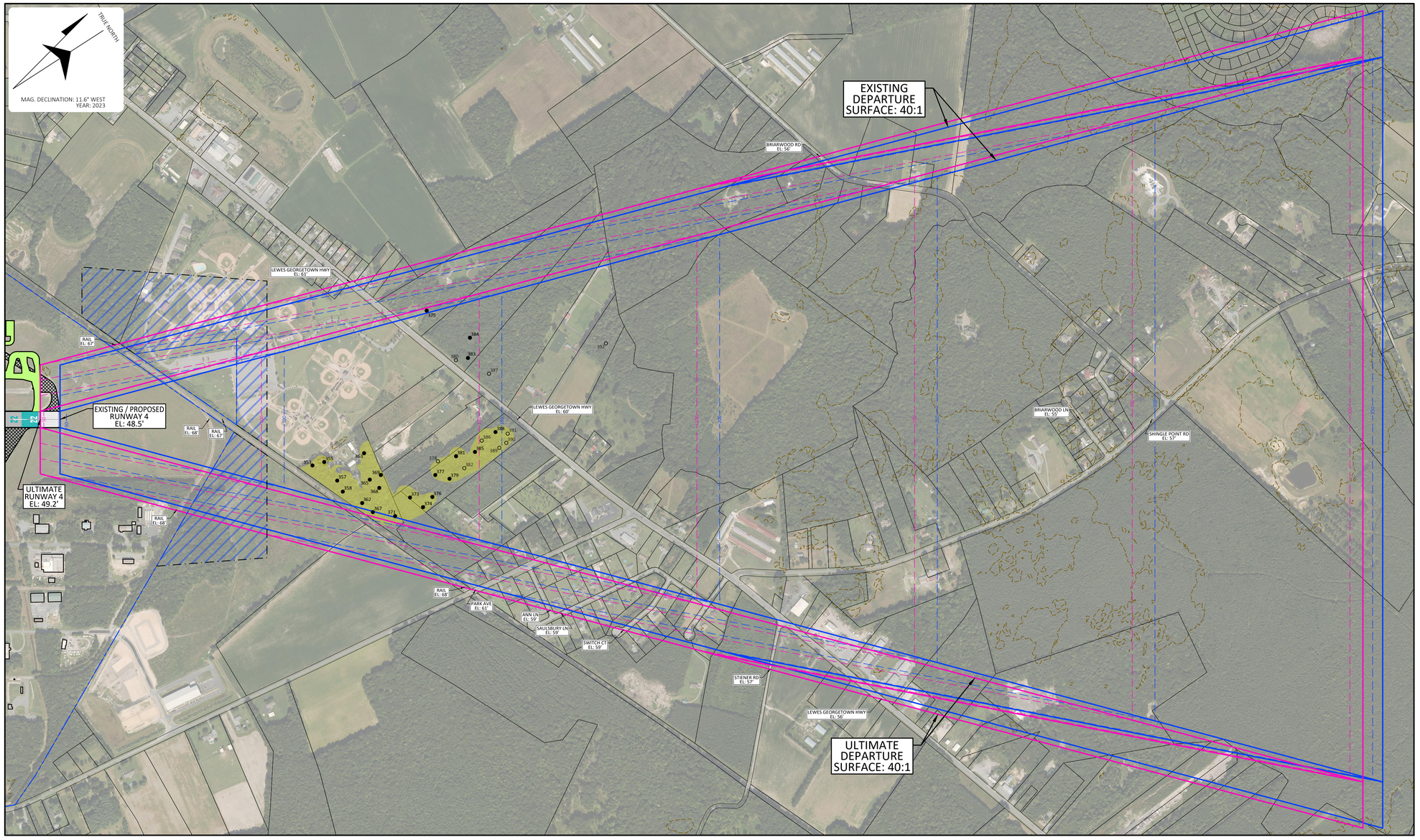

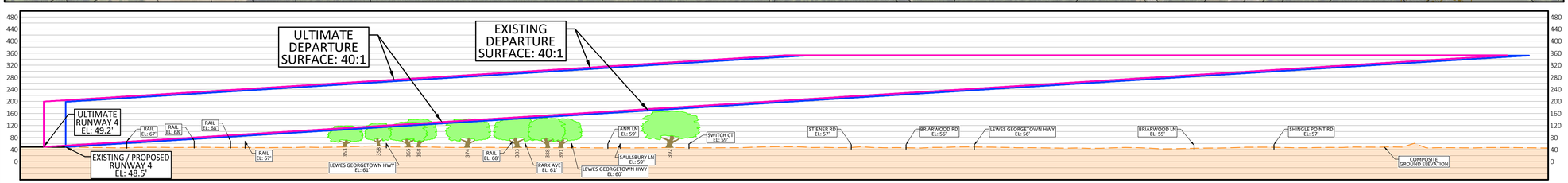

EXISTING DEPARTURE SURFACE: RUNWAY 4						
LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	CONTROL
353	TREE	119.2'	106.5'	12.7'	TRIM/REMOVE	NONE
355	TREE	126.4'	109.2'	17.2'	TRIM/REMOVE	NONE
357	TREE	127.5'	112.1'	15.4'	TRIM/REMOVE	NONE
358	TREE	128.7'	113.4'	15.3'	TRIM/REMOVE	NONE
362	TREE	125.1'	117.9'	7.2'	TRIM/REMOVE	NONE
363	TREE	124.7'	118.3'	6.4'	TRIM/REMOVE	NONE
365	TREE	131.6'	119.6'	12.0'	TRIM/REMOVE	NONE
367	TREE	123.7'	122.7'	1.0'	TRIM/REMOVE	NONE
368	TREE	141.8'	121.8'	20.0'	TRIM/REMOVE	NONE
369	TREE	131.5'	122.2'	9.3'	TRIM/REMOVE	NONE
371	TREE	134.1'	125.5'	8.6'	TRIM/REMOVE	NONE
373	TREE	131.5'	128.9'	2.6'	TRIM/REMOVE	NONE
374	TREE	142.2'	131.9'	10.3'	TRIM/REMOVE	NONE
375	TREE	130.8'	140.5'	-9.7'	MONITOR	NONE
376	TREE	141.0'	134.0'	7.0'	TRIM/REMOVE	NONE
377	TREE	135.3'	134.7'	0.6'	TRIM/REMOVE	NONE
378	TREE	126.7'	135.3'	-8.6'	MONITOR	NONE
379	TREE	139.4'	138.0'	1.4'	TRIM/REMOVE	NONE
380	TREE	130.9'	139.5'	-8.6'	MONITOR	NONE
381	TREE	137.0'	139.5'	-2.5'	MONITOR	NONE
382	TREE	135.7'	141.3'	-5.6'	MONITOR	NONE
383	TREE	143.7'	142.3'	1.4'	TRIM/REMOVE	NONE
384	TREE	141.9'	142.6'	-0.7'	MONITOR	NONE
385	TREE	142.8'	143.8'	-1.0'	MONITOR	NONE
386	TREE	140.3'	145.4'	-5.1'	MONITOR	NONE
387	TREE	138.3'	147.0'	-8.7'	MONITOR	NONE
388	TREE	144.7'	148.5'	-3.8'	MONITOR	NONE
389	TREE	142.5'	149.4'	-6.9'	MONITOR	NONE
390	TREE	142.3'	151.1'	-8.8'	MONITOR	NONE
391	TREE	142.7'	151.3'	-8.6'	MONITOR	NONE
392	TREE	167.9'	173.9'	-6.0'	MONITOR	NONE

ULTIMATE DEPARTURE SURFACE: RUNWAY 4						
LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	CONTROL
353	TREE	119.2'	111.7'	7.5'	TRIM/REMOVE	NONE
355	TREE	126.4'	114.5'	11.9'	TRIM/REMOVE	NONE
357	TREE	127.5'	117.4'	10.1'	TRIM/REMOVE	NONE
358	TREE	128.7'	118.7'	10.0'	TRIM/REMOVE	NONE
362	TREE	125.1'	123.2'	1.9'	TRIM/REMOVE	NONE
363	TREE	124.7'	123.5'	1.2'	TRIM/REMOVE	NONE
365	TREE	131.6'	124.9'	6.7'	TRIM/REMOVE	NONE
367	TREE	123.7'	125.6'	-1.9'	MONITOR	NONE
368	TREE	141.8'	127.0'	14.8'	TRIM/REMOVE	NONE
369	TREE	131.5'	127.4'	4.1'	TRIM/REMOVE	NONE
371	TREE	134.1'	130.7'	3.4'	TRIM/REMOVE	NONE
373	TREE	131.5'	134.1'	-2.6'	MONITOR	NONE
374	TREE	142.2'	137.2'	5.0'	TRIM/REMOVE	NONE
375	TREE	130.8'	138.0'	-7.2'	MONITOR	NONE
376	TREE	141.0'	139.3'	1.7'	TRIM/REMOVE	NONE
377	TREE	135.3'	139.9'	-4.6'	MONITOR	NONE
379	TREE	139.4'	143.2'	-3.8'	MONITOR	NONE
381	TREE	137.0'	144.7'	-7.7'	MONITOR	NONE
383	TREE	143.7'	147.5'	-3.8'	MONITOR	NONE
384	TREE	141.9'	147.8'	-5.9'	MONITOR	NONE
385	TREE	142.8'	149.0'	-6.2'	MONITOR	NONE
388	TREE	144.7'	153.7'	-9.0'	MONITOR	NONE

SCALE
1" = 500' HORIZONTAL
1" = 200' VERTICAL
400
200
0
500
1000
FEET

LEGEND			
DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
PROPOSED AIRPORT PAVEMENT		EXISTING / PROPOSED OBSTRUCTIONS	000
ULTIMATE AIRPORT PAVEMENT		ULTIMATE OBSTRUCTIONS	000
PROPOSED GROUND VEHICLE PAVEMENT		VEGETATION OBSTRUCTIONS	
PROPOSED AIRPORT BUILDINGS		EXISTING AIRPORT PROPERTY	
TO BE REMOVED		PROPOSED AIRPORT PROPERTY	
WORK CURRENTLY UNDERWAY BY OTHERS		EXISTING AIRPORT EASEMENT	
GROUND ELEVATION CONTOURS (10')	50	PARCEL BOUNDARY	

NOTES:
- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
- ALL ELEVATIONS SHOWN ARE AMSL.
- AERIAL MAPPING BY WOOLPERT, 2019.
- AIRPORT PROPERTY LINE FROM EXHIBIT "A" AIRPORT PROPERTY INVENTORY MAP PROVIDED BY DELTA AIRPORT CONSULTANTS, INC., 2014 AND PARCELS PROVIDED BY SUSSEX COUNTY, 2019.
- PARCEL DATA PROVIDED BY SUSSEX COUNTY, 2019.
- ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER CFR PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD)
- TREES WITHIN 10' OF SURFACE IDENTIFIED AS OBSTRUCTIONS.
- COMPOSITE GROUND ELEVATION PROFILE LIMITED TO DEPARTURE SURFACE.
- THIS SHEET DOES NOT SHOW A COMPREHENSIVE OBSTRUCTION REVIEW. OBSTRUCTIONS WERE FILTERED BASED ON THE SCALE OF THE SHEET.

REV	DATE	DESCRIPTION	BY	SPONSOR

McFarland Johnson
1650 MARKET STREET, SUITE 3613
PHILADELPHIA, PA 19103 www.mjinc.com

DELAWARE COASTAL AIRPORT
SUSSEX COUNTY, DELAWARE

DEPARTURE SURFACE RUNWAY 4

SCALE:	1" = 500'	DESIGN:	SRB
DRAWN:	RGT	PROJECT:	18517.00
CHECKED:	ZAS	DATE:	DECEMBER 2023

SHEET: 18
18 OF 23

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