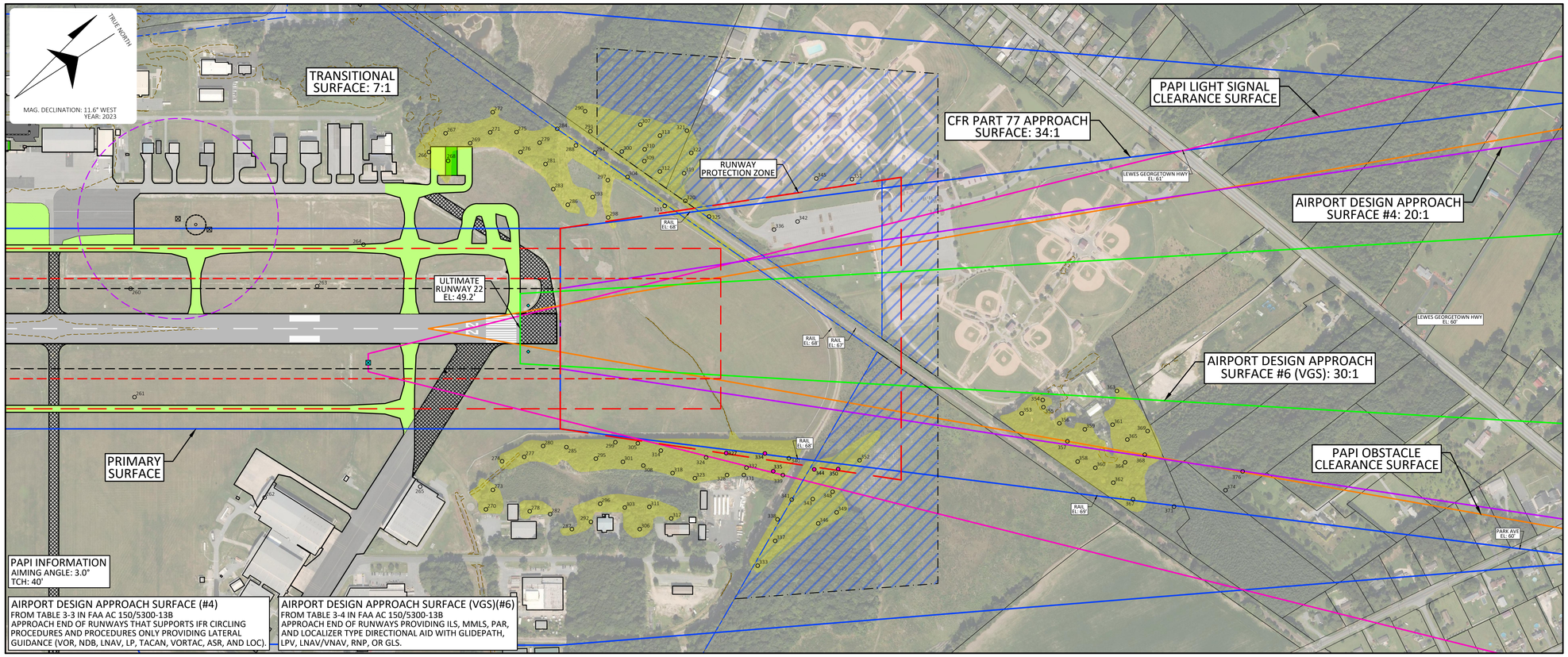


ULTIMATE CFR PART 77 APPROACH SURFACE: RUNWAY 22

LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	CONTROL
325	TREE	101.1'	71.0'	30.1'	TRIM/REMOVE	FEE
334	TREE	105.4'	79.2'	26.2'	TRIM/REMOVE	FEE
336	POLE	84.0'	80.5'	3.5'	LIGHT	FEE
342	POLE	85.0'	84.0'	1.0'	LIGHT	FEE
352	TREE	95.4'	93.1'	2.3'	TRIM/REMOVE	EASEMENT
353	TREE	119.2'	116.9'	2.3'	TRIM/REMOVE	NONE
354	TREE	113.0'	119.9'	-6.9'	MONITOR	NONE
355	TREE	126.4'	120.1'	6.3'	TRIM/REMOVE	NONE
356	TREE	113.2'	122.3'	-9.1'	MONITOR	NONE
357	TREE	127.5'	123.5'	4.0'	TRIM/REMOVE	NONE
358	TREE	128.7'	125.0'	3.7'	TRIM/REMOVE	NONE
359	TREE	121.0'	126.1'	-5.1'	MONITOR	NONE
360	TREE	123.5'	127.7'	-4.2'	MONITOR	NONE
361	TREE	127.0'	130.2'	-3.2'	MONITOR	NONE
362	TREE	125.1'	130.3'	-5.2'	MONITOR	NONE
363	TREE	124.7'	130.8'	-6.1'	MONITOR	NONE
364	TREE	124.0'	132.0'	-8.0'	MONITOR	NONE
365	TREE	131.6'	132.3'	-0.7'	MONITOR	NONE
367	TREE	123.7'	133.2'	-9.5'	MONITOR	NONE
368	TREE	141.8'	134.9'	6.9'	TRIM/REMOVE	NONE
369	TREE	131.5'	135.3'	-3.8'	MONITOR	NONE
374	TREE	142.2'	146.8'	-4.6'	MONITOR	NONE
376	TREE	141.0'	149.3'	-8.3'	MONITOR	NONE

ULTIMATE CFR PART 77 PRIMARY SURFACE: RUNWAY 4-22

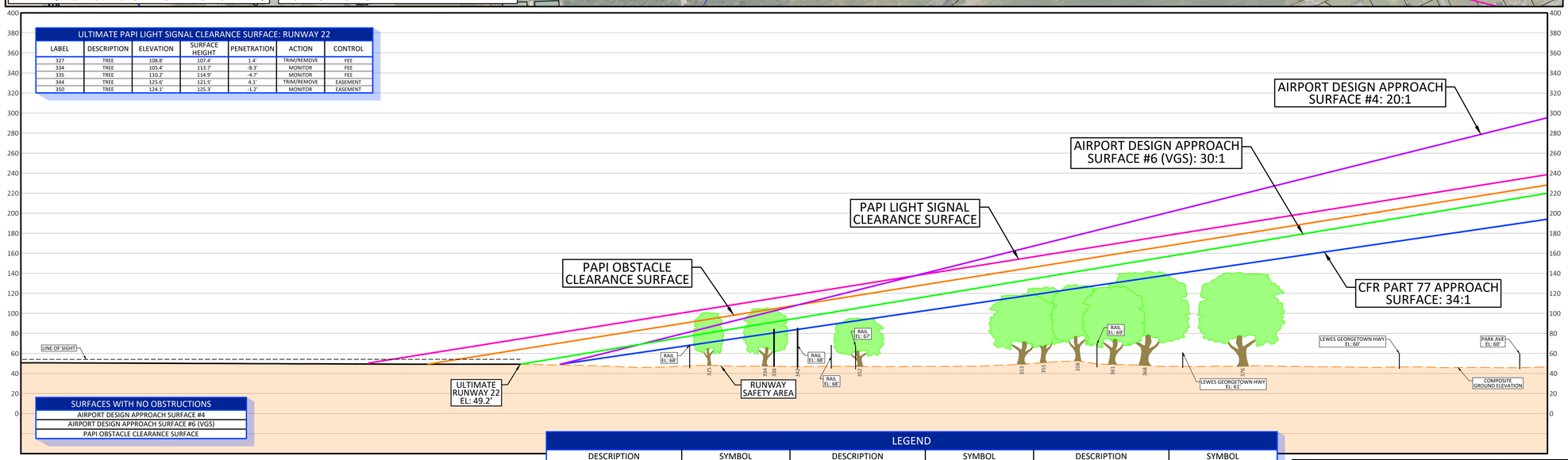
LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	CONTROL
260	CONTROL BOX	53.0'	50.3'	2.7'	LIGHT	FEE
261	CONTROL BOX	52.0'	50.3'	1.7'	LIGHT	FEE
263	CONTROL BOX	50.0'	49.6'	0.4'	LIGHT	FEE
264	CONTROL BOX	54.0'	49.5'	4.5'	LIGHT	FEE

ULTIMATE CFR PART 77 TRANSITIONAL SURFACE: RUNWAY 4-22

LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	CONTROL
262	BUILDING	99.0'	98.8'	0.2'	LIGHT	FEE
265	BUILDING	92.0'	90.4'	1.6'	LIGHT	FEE
266	TREE	124.3'	103.7'	20.6'	TRIM/REMOVE	FEE
267	TREE	133.0'	117.0'	16.0'	TRIM/REMOVE	FEE
268	TREE	125.0'	97.4'	27.6'	TRIM/REMOVE	FEE
269	TREE	135.7'	110.0'	25.7'	TRIM/REMOVE	FEE
270	TREE	114.0'	106.6'	7.4'	TRIM/REMOVE	FEE
271	TREE	141.0'	117.7'	23.3'	TRIM/REMOVE	FEE
272	TREE	140.4'	132.0'	8.4'	TRIM/REMOVE	FEE
273	TREE	115.0'	92.8'	22.2'	TRIM/REMOVE	FEE
274	TREE	95.1'	72.4'	22.7'	TRIM/REMOVE	FEE
275	TREE	147.0'	117.9'	29.1'	TRIM/REMOVE	FEE
276	TREE	134.9'	103.6'	31.3'	TRIM/REMOVE	FEE
277	TREE	114.0'	69.2'	44.8'	TRIM/REMOVE	FEE
278	TREE	135.0'	108.0'	27.0'	TRIM/REMOVE	FEE
279	TREE	140.7'	110.3'	30.4'	TRIM/REMOVE	FEE
280	TREE	95.2'	61.5'	33.7'	TRIM/REMOVE	FEE
281	TREE	130.0'	95.0'	35.0'	TRIM/REMOVE	FEE
282	TREE	142.0'	110.0'	32.0'	TRIM/REMOVE	FEE
283	TREE	112.0'	77.1'	34.9'	TRIM/REMOVE	FEE
284	TREE	131.0'	120.1'	10.9'	TRIM/REMOVE	NONE
285	TREE	94.1'	62.6'	31.5'	TRIM/REMOVE	FEE
286	TREE	76.0'	66.4'	9.6'	TRIM/REMOVE	FEE
287	TREE	143.0'	121.3'	21.7'	TRIM/REMOVE	FEE
288	TREE	101.0'	109.2'	-8.2'	MONITOR	FEE
290	TREE	139.8'	134.1'	5.7'	TRIM/REMOVE	NONE
291	TREE	122.2'	120.2'	2.0'	TRIM/REMOVE	NONE
292	TREE	141.0'	117.2'	23.8'	TRIM/REMOVE	FEE
293	TREE	77.6'	73.4'	4.2'	TRIM/REMOVE	FEE
294	TREE	106.0'	105.1'	0.9'	TRIM/REMOVE	NONE
295	TREE	98.8'	72.5'	26.3'	TRIM/REMOVE	FEE
296	TREE	129.5'	104.9'	24.6'	TRIM/REMOVE	FEE
297	TREE	84.0'	86.3'	-2.3'	MONITOR	FEE
298	TREE	75.0'	59.7'	15.3'	TRIM/REMOVE	FEE
299	TREE	92.3'	62.0'	30.3'	TRIM/REMOVE	FEE
300	TREE	99.6'	107.4'	-7.8'	MONITOR	EASEMENT
301	TREE	111.4'	76.4'	35.0'	TRIM/REMOVE	FEE
303	TREE	140.1'	108.9'	31.2'	TRIM/REMOVE	FEE
304	TREE	103.2'	89.7'	13.5'	TRIM/REMOVE	NONE
305	TREE	99.8'	64.0'	35.8'	TRIM/REMOVE	FEE
306	TREE	146.2'	125.2'	21.0'	TRIM/REMOVE	FEE
307	TREE	119.0'	127.7'	-8.7'	MONITOR	EASEMENT
308	TREE	109.4'	80.2'	29.2'	TRIM/REMOVE	FEE
309	TREE	118.0'	102.0'	16.0'	TRIM/REMOVE	EASEMENT
310	TREE	128.0'	110.4'	17.6'	TRIM/REMOVE	EASEMENT
311	TREE	127.0'	110.0'	17.0'	TRIM/REMOVE	FEE
312	TREE	129.0'	95.4'	33.6'	TRIM/REMOVE	EASEMENT
313	TREE	130.9'	121.0'	9.9'	TRIM/REMOVE	EASEMENT
314	TREE	105.7'	70.5'	35.2'	TRIM/REMOVE	FEE
315	TREE	90.2'	71.2'	19.0'	TRIM/REMOVE	FEE
317	TREE	113.2'	119.4'	-6.2'	MONITOR	FEE
318	TREE	114.0'	87.2'	26.8'	TRIM/REMOVE	FEE
319	TREE	90.0'	95.6'	-5.6'	MONITOR	EASEMENT
320	TREE	102.1'	76.0'	26.1'	TRIM/REMOVE	EASEMENT
321	TREE	133.0'	126.1'	6.9'	TRIM/REMOVE	EASEMENT
322	TREE	118.6'	110.5'	8.1'	TRIM/REMOVE	EASEMENT
323	TREE	128.0'	92.2'	35.8'	TRIM/REMOVE	FEE
324	TREE	108.7'	77.9'	30.8'	TRIM/REMOVE	FEE
327	TREE	108.8'	76.0'	32.8'	TRIM/REMOVE	FEE
328	TREE	120.3'	91.7'	28.6'	TRIM/REMOVE	FEE
331	TREE	111.1'	92.7'	18.4'	TRIM/REMOVE	FEE
332	TREE	110.1'	87.5'	22.6'	TRIM/REMOVE	FEE
333	TREE	150.5'	158.0'	-7.5'	MONITOR	EASEMENT
335	TREE	110.2'	91.6'	18.6'	TRIM/REMOVE	FEE
337	TREE	147.8'	141.5'	6.3'	TRIM/REMOVE	EASEMENT
338	TREE	124.9'	126.3'	-1.4'	MONITOR	FEE
339	TREE	109.6'	95.0'	14.6'	TRIM/REMOVE	FEE
340	TREE	104.3'	83.3'	21.0'	TRIM/REMOVE	FEE
341	TREE	127.7'	113.0'	14.7'	TRIM/REMOVE	FEE
343	TREE	125.9'	113.7'	12.2'	TRIM/REMOVE	EASEMENT
344	TREE	125.6'	92.7'	32.9'	TRIM/REMOVE	EASEMENT
345	POLE	100.5'	99.5'	1.0'	LIGHT	EASEMENT
346	TREE	123.7'	131.5'	-7.8'	MONITOR	EASEMENT
348	TREE	105.6'	109.7'	-4.1'	MONITOR	EASEMENT
349	TREE	124.1'	124.7'	-0.6'	MONITOR	EASEMENT
350	TREE	124.1'	93.8'	30.3'	TRIM/REMOVE	EASEMENT
351	POLE	104.0'	101.0'	3.0'	LIGHT	EASEMENT
371	TREE	134.1'	140.0'	-5.9'	MONITOR	NONE

ULTIMATE PAPI LIGHT SIGNAL CLEARANCE SURFACE: RUNWAY 22

LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION	CONTROL
327	TREE	108.8'	107.4'	1.4'	TRIM/REMOVE	FEE
334	TREE	105.4'	113.7'	-8.3'	MONITOR	FEE
335	TREE	110.2'	114.9'	-4.7'	MONITOR	FEE
344	TREE	125.6'	121.5'	4.1'	TRIM/REMOVE	EASEMENT
350	TREE	124.1'	125.3'	-1.2'	MONITOR	EASEMENT



SURFACES WITH NO OBSTRUCTIONS

- AIRPORT DESIGN APPROACH SURFACE #4
- AIRPORT DESIGN APPROACH SURFACE #6 (VGS)
- PAPI OBSTACLE CLEARANCE SURFACE

SCALE
1" = 300' HORIZONTAL
1" = 60' VERTICAL
FEET

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 APPROACH SURFACE.
- THIS SHEET DOES NOT SHOW A COMPREHENSIVE OBSTRUCTION REVIEW. OBSTRUCTIONS WERE FILTERED BASED ON THE SCALE OF THE SHEET.

LEGEND

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
RUNWAY SAFETY AREA (RSA)		PROPOSED AIRPORT PAVEMENT		CFR PART 77 OBSTRUCTIONS	000
RUNWAY OBJECT FREE AREA (ROFA)		ULTIMATE AIRPORT PAVEMENT		CFR PART 77 VEGETATION OBSTRUCTIONS	
RUNWAY PROTECTION ZONE (RPZ)		PROPOSED GROUND VEHICLE PAVEMENT		PAPI LSCS OBSTRUCTIONS	000
RUNWAY VISIBILITY ZONE (RVZ)		WORK CURRENTLY UNDERWAY BY OTHERS			
OBSTACLE FREE ZONE (OFZ)		PROPOSED AIRPORT BUILDINGS			
NAVAID CRITICAL AREA		TO BE REMOVED			
EXISTING AIRPORT PROPERTY		PROPOSED AIRPORT PROPERTY			
EXISTING AIRPORT EASEMENT					
PARCEL BOUNDARY					
GROUND ELEVATION CONTOURS (10')	50				

REV	DATE	DESCRIPTION	BY	SPONSOR

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

DELAWARE COASTAL AIRPORT
SUSSEX COUNTY, DELAWARE

INNER APPROACH PLAN ULTIMATE RUNWAY 22

SCALE: 1" = 300'	DESIGN: SRB	SHEET: 13	
DRAWN: RGT	PROJECT: 18517.00	13 OF 23	
CHECKED: ZAS	DATE: DECEMBER 2023		

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