

K:\Delaware Coastal\T-185-17-00 Master Plan Update\Drawings\Sheet Files\APPROACH.dwg

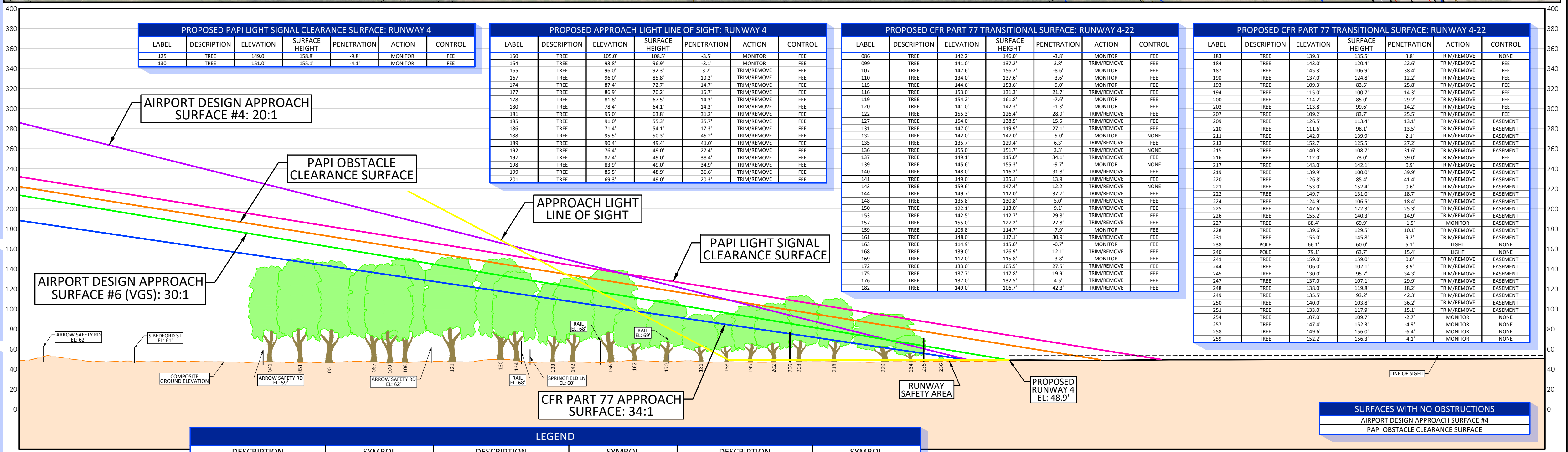
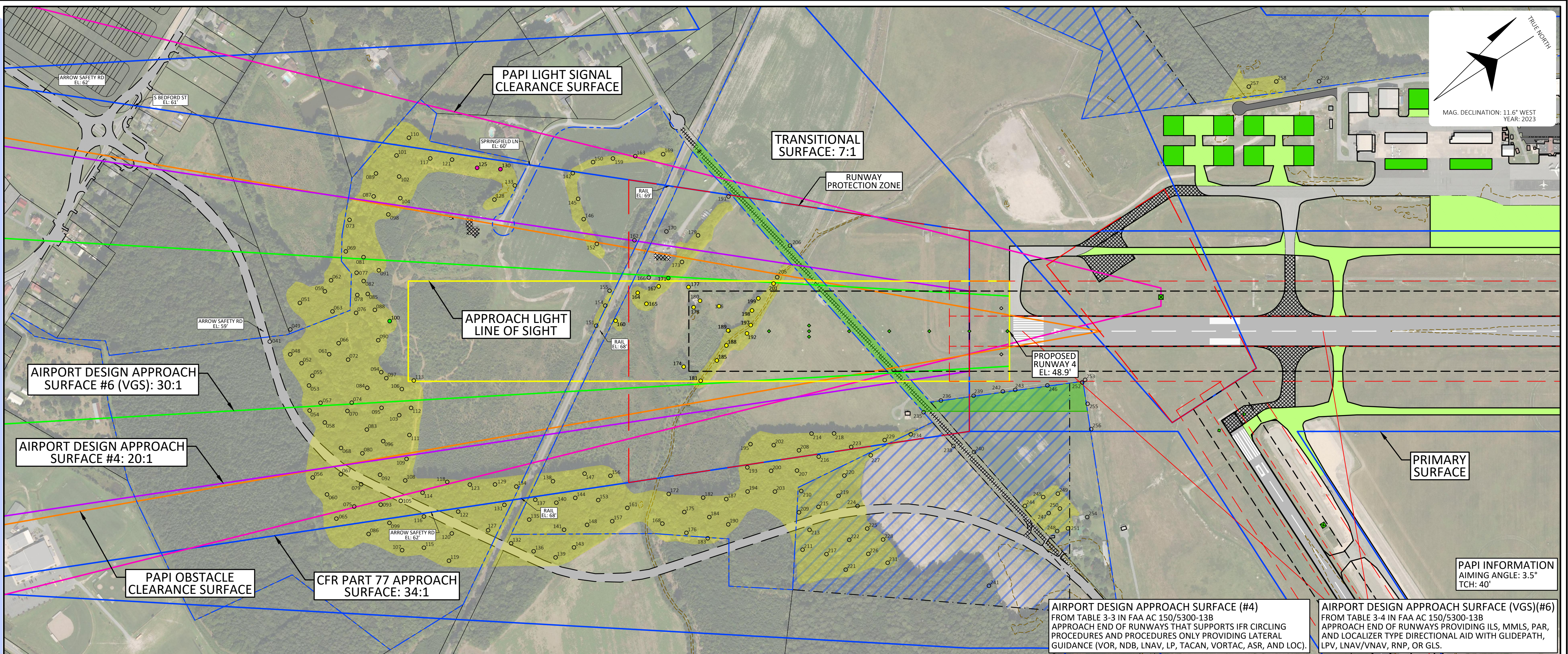
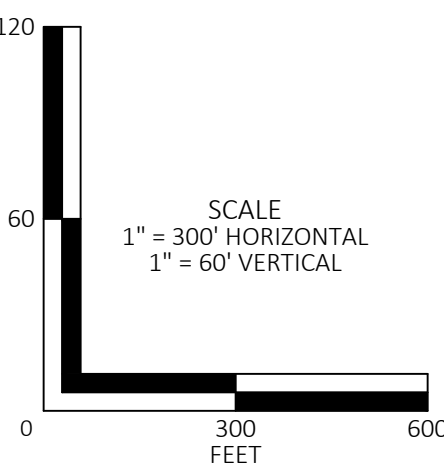
PROPOSED CFR PART 77 APPROACH SURFACE: RUNWAY 4					
LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION CONTROL
041	TREE	143.1'	151.6'	8.5'	MONITOR FEE
048	TREE	144.5'	148.6'	4.1'	MONITOR FEE
049	TREE	144.4'	148.6'	2.2'	MONITOR NONE
051	TREE	150.7'	147.2'	3.5'	TRIM/REMOVE FEE
052	TREE	148.7'	147.0'	1.7'	TRIM/REMOVE FEE
053	TREE	142.0'	145.9'	3.9'	MONITOR FEE
054	TREE	140.8'	145.8'	5.0'	MONITOR FEE
055	TREE	141.9'	145.4'	3.5'	MONITOR FEE
056	TREE	143.1'	145.3'	2.2'	MONITOR FEE
057	TREE	139.9'	144.2'	4.3'	MONITOR FEE
058	TREE	144.0'	143.5'	0.5'	TRIM/REMOVE FEE
059	TREE	139.5'	143.5'	4.0'	MONITOR NONE
060	TREE	138.6'	143.2'	4.6'	MONITOR FEE
061	TREE	148.3'	142.9'	5.4'	TRIM/REMOVE FEE
062	TREE	136.4'	142.6'	6.2'	TRIM/REMOVE FEE
063	TREE	141.4'	142.4'	1.0'	MONITOR NONE
065	TREE	139.2'	141.8'	2.6'	MONITOR FEE
066	TREE	146.5'	141.5'	5.0'	TRIM/REMOVE FEE
067	TREE	135.8'	141.2'	5.4'	MONITOR FEE
068	TREE	140.0'	141.2'	1.2'	MONITOR FEE
069	TREE	144.1'	140.4'	3.7'	TRIM/REMOVE FEE
070	TREE	137.6'	140.2'	2.6'	MONITOR FEE
072	TREE	142.3'	140.1'	2.2'	TRIM/REMOVE FEE
073	TREE	134.2'	140.0'	5.8'	MONITOR FEE
074	TREE	137.6'	139.6'	2.0'	MONITOR FEE
075	TREE	145.2'	139.2'	6.0'	TRIM/REMOVE FEE
076	TREE	140.3'	139.0'	1.3'	TRIM/REMOVE FEE
077	TREE	143.4'	138.9'	4.5'	TRIM/REMOVE FEE
078	TREE	141.0'	138.8'	2.2'	TRIM/REMOVE FEE
079	TREE	142.1'	138.2'	3.9'	TRIM/REMOVE FEE
080	TREE	142.5'	138.1'	4.4'	TRIM/REMOVE FEE
081	TREE	137.4'	137.9'	0.5'	MONITOR FEE
082	TREE	143.0'	137.8'	5.2'	TRIM/REMOVE FEE
084	TREE	140.0'	137.4'	2.6'	TRIM/REMOVE FEE
084	TREE	140.5'	137.4'	3.1'	TRIM/REMOVE FEE
085	TREE	144.0'	137.3'	6.7'	TRIM/REMOVE FEE
087	TREE	145.0'	136.4'	8.6'	TRIM/REMOVE FEE
088	TREE	142.7'	136.2'	6.5'	TRIM/REMOVE FEE
089	TREE	130.0'	136.0'	6.0'	MONITOR FEE
090	TREE	141.0'	135.7'	5.3'	TRIM/REMOVE FEE
091	TREE	135.6'	135.6'	0.0'	MONITOR FEE
092	TREE	142.5'	135.5'	7.0'	TRIM/REMOVE FEE
093	TREE	144.3'	135.3'	9.0'	TRIM/REMOVE FEE
094	TREE	143.0'	135.3'	7.7'	TRIM/REMOVE FEE
095	TREE	133.5'	135.3'	1.8'	MONITOR FEE
096	TREE	131.0'	135.0'	4.0'	MONITOR FEE
097	TREE	135.4'	134.5'	0.9'	TRIM/REMOVE FEE
098	TREE	138.3'	134.2'	4.1'	TRIM/REMOVE FEE
100	TREE	145.5'	134.1'	11.4'	TRIM/REMOVE FEE
101	TREE	135.9'	133.0'	2.9'	TRIM/REMOVE FEE
102	TREE	136.0'	132.6'	3.4'	TRIM/REMOVE FEE
103	TREE	139.3'	132.7'	6.6'	TRIM/REMOVE FEE
104	TREE	142.5'	132.5'	10.0'	TRIM/REMOVE FEE
105	TREE	144.5'	132.4'	12.1'	TRIM/REMOVE FEE
106	TREE	131.5'	132.2'	0.7'	MONITOR FEE
108	TREE	151.1'	131.8'	19.3'	TRIM/REMOVE FEE
109	TREE	151.0'	131.5'	19.5'	TRIM/REMOVE FEE
111	TREE	135.8'	131.1'	4.7'	TRIM/REMOVE FEE
112	TREE	134.1'	130.8'	3.3'	TRIM/REMOVE FEE
113	TREE	133.0'	130.5'	2.5'	TRIM/REMOVE FEE
114	TREE	148.7'	129.2'	20.5'	TRIM/REMOVE FEE
117	TREE	148.0'	128.1'	19.9'	TRIM/REMOVE FEE
118	TREE	139.6'	125.6'	14.0'	TRIM/REMOVE FEE
121	TREE	152.0'	124.9'	27.1'	TRIM/REMOVE FEE
123	TREE	140.8'	122.2'	18.6'	TRIM/REMOVE FEE
125	TREE	149.0'	121.2'	27.8'	TRIM/REMOVE FEE
128	TREE	140.8'	118.7'	22.1'	TRIM/REMOVE FEE
129	TREE	143.0'	118.6'	24.4'	TRIM/REMOVE FEE
130	TREE	151.0'	117.8'	33.2'	TRIM/REMOVE FEE
133	TREE	126.6'	115.7'	10.9'	TRIM/REMOVE FEE
134	TREE	138.0'	115.4'	22.6'	TRIM/REMOVE FEE
138	TREE	126.5'	110.1'	16.4'	TRIM/REMOVE FEE
142	TREE	132.0'	107.1'	24.9'	TRIM/REMOVE FEE
145	TREE	120.3'	106.3'	14.0'	TRIM/REMOVE FEE
146	TREE	106.5'	105.5'	1.0'	TRIM/REMOVE FEE
147	TREE	130.0'	105.4'	24.6'	TRIM/REMOVE FEE
151	TREE	101.0'	103.7'	2.7'	MONITOR FEE
152	TREE	114.0'	103.6'	10.4'	TRIM/REMOVE FEE
154	TREE	103.9'	102.4'	1.5'	TRIM/REMOVE FEE
155	TREE	95.3'	101.8'	6.5'	MONITOR FEE
156	TREE	140.0'	101.6'	38.4'	TRIM/REMOVE FEE
160	TREE	105.0'	100.9'	4.1'	TRIM/REMOVE FEE
162	TREE	101.2'	98.1'	3.1'	TRIM/REMOVE FEE
164	TREE	93.8'	97.7'	3.9'	MONITOR FEE
165	TREE	96.0'	96.3'	0.3'	MONITOR FEE
166	TREE	90.5'	96.0'	4.5'	MONITOR FEE
167	TREE	96.0'	94.5'	1.5'	TRIM/REMOVE FEE
170	TREE	109.4'	93.4'	16.0'	TRIM/REMOVE FEE
171	TREE	100.9'	93.1'	7.8'	TRIM/REMOVE FEE
173	TREE	101.8'	91.1'	10.7'	TRIM/REMOVE FEE
174	TREE	87.4'	90.8'	3.4'	MONITOR FEE
177	TREE	86.9'	90.1'	3.2'	MONITOR FEE
178	TREE	81.8'	89.4'	7.6'	MONITOR FEE
179	TREE	93.0'	88.7'	4.3'	TRIM/REMOVE FEE
181	TREE	95.0'	88.4'	6.6'	TRIM/REMOVE FEE
186	TREE	86.0'	86.0'	0.0'	TRIM/REMOVE FEE
188	TREE	95.5'	84.6'	10.9'	TRIM/REMOVE FEE
189	TREE	90.4'	84.4'	6.0'	TRIM/REMOVE FEE
191	TREE	84.3'	84.3'	0.0'	TRIM/REMOVE FEE
192	TREE	76.4'	81.6'	5.2'	MONITOR FEE
195	TREE	103.8'	81.0'	22.8'	TRIM/REMOVE FEE
197	TREE	87.4'	81.0'	6.4'	TRIM/REMOVE FEE
198	TREE	83.9'	80.9'	3.0'	TRIM/REMOVE FEE
199	TREE	85.5'	79.9'	5.6'	TRIM/REMOVE FEE
201	TREE	69.3'	77.7'	8.4'	MONITOR FEE
202	TREE	108.1'	77.7'	30.4'	TRIM/REMOVE FEE
205	TREE	67.5'	75.1'	9.6'	MONITOR FEE
206	POLE	76.2'	74.7'	1.5'	LIGHT NONE
208	TREE	113.6'	74.0'	39.6'	TRIM/REMOVE FEE
214	TREE	105.0'	72.2'	32.8'	TRIM/REMOVE FEE
218	TREE	110.7'	68.8'	41.9'	TRIM/REMOVE FEE
223	TREE	108.2'	66.3'	41.9'	TRIM/REMOVE FEE
229	TREE	95.5'	61.4'	34.1'	TRIM/REMOVE FEE
234	TREE	73.8'	57.5'	16.3'	TRIM/REMOVE EASEMENT
235	POLE	70.6'	55.7'	14.9'	LIGHT NONE
236	TREE	52.8'	55.0'	2.2'	MONITOR FEE

PROPOSED CFR PART 77 PRIMARY SURFACE: RUNWAY 4-22					
LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION CONTROL
239	TREE	52.4'	48.9'	3.5'	TRIM/REMOVE FEE
242	TREE	53.8'	48.9'	4.9'	TRIM/REMOVE FEE
243	TREE	53.2'	49.0'	4.2'	TRIM/REMOVE FEE
246	TREE	51.2'	48.9'	2.3'	TRIM/REMOVE FEE
252	TREE	51.1'	48.7'	2.4'	TRIM/REMOVE NONE
253	CONTROL BOX	56.0'	48.7'	7.3'	LIGHT FEE
255	FENCE	54.0'	48.7'	5.3'	LIGHT FEE
256	FENCE	53.9'	48.7'	5.2'	LIGHT FEE

PROPOSED VERTICAL GUIDANCE SURFACE: RUNWAY 4					
LABEL	DESCRIPTION	ELEVATION	SURFACE HEIGHT	PENETRATION	ACTION CONTROL
100	TREE	145.5'	152.1'	6.6'	MONITOR FEE
171	TREE	105.0'	144.5'	39.5'	MONITOR FEE
171	TREE	100.9'	105.7'	4.8'	MONITOR FEE
181	TREE	95.0'	100.3'	5.3'	MONITOR FEE
185	TREE	91.0'	97.6'	6.6'	MONITOR FEE
188	TREE	95.5'	96.0'	0.5'	MONITOR FEE
189	TREE	90.4'	95.8'	5.4'	MONITOR FEE
197	TREE	87.4'	92.0'	4.6'	MONITOR FEE
198	TREE	83.9'	91.8'	7.9'	MONITOR FEE
199	TREE	85.5'	90.7'	5.2'	MONITOR FEE

NOTES:

- ALL POSITIONAL DATA REFERENCES NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAV88).
- 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		LEGEND	
DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
RUNWAY SAFETY AREA (RSA)		PROPOSED AIRPORT PAVEMENT	
RUNWAY OBJECT FREE AREA (ROFA)		PROPOSED GROUND VEHICLE PAVEMENT	
RUNWAY PROTECTION ZONE (RPZ)		WORK CURRENTLY UNDERWAY BY OTHERS	
RUNWAY VISIBILITY ZONE (RVZ)		PROPOSED AIRPORT BUILDINGS	
OBSTACLE FREE ZONE (OFZ)		TO BE REMOVED	
NAVAID CRITICAL AREA		PROPOSED AIRPORT PROPERTY	
EXISTING AIRPORT PROPERTY			
EXISTING AIRPORT EASEMENT			
PARCEL BOUNDARY			
GROUND ELEVATION CONTOURS (10')			

REV	DATE	DESCRIPTION	BY	SPONSOR	SCALE: 1" = 300'	DESIGN: SRB	SHEET: 9
					DRAWN: RGT	PROJECT: 18517.00	
					CHECKED: ZAS	DATE: DECEMBER 2023	9 OF 23

McFarland Johnson

1850 MARKET STREET, SUITE 301
PHILADELPHIA, PA 19101 www.mjc.com

DELAWARE COASTAL AIRPORT SUSSEX COUNTY, DELAWARE INNER APPROACH PLAN PROPOSED RUNWAY 4