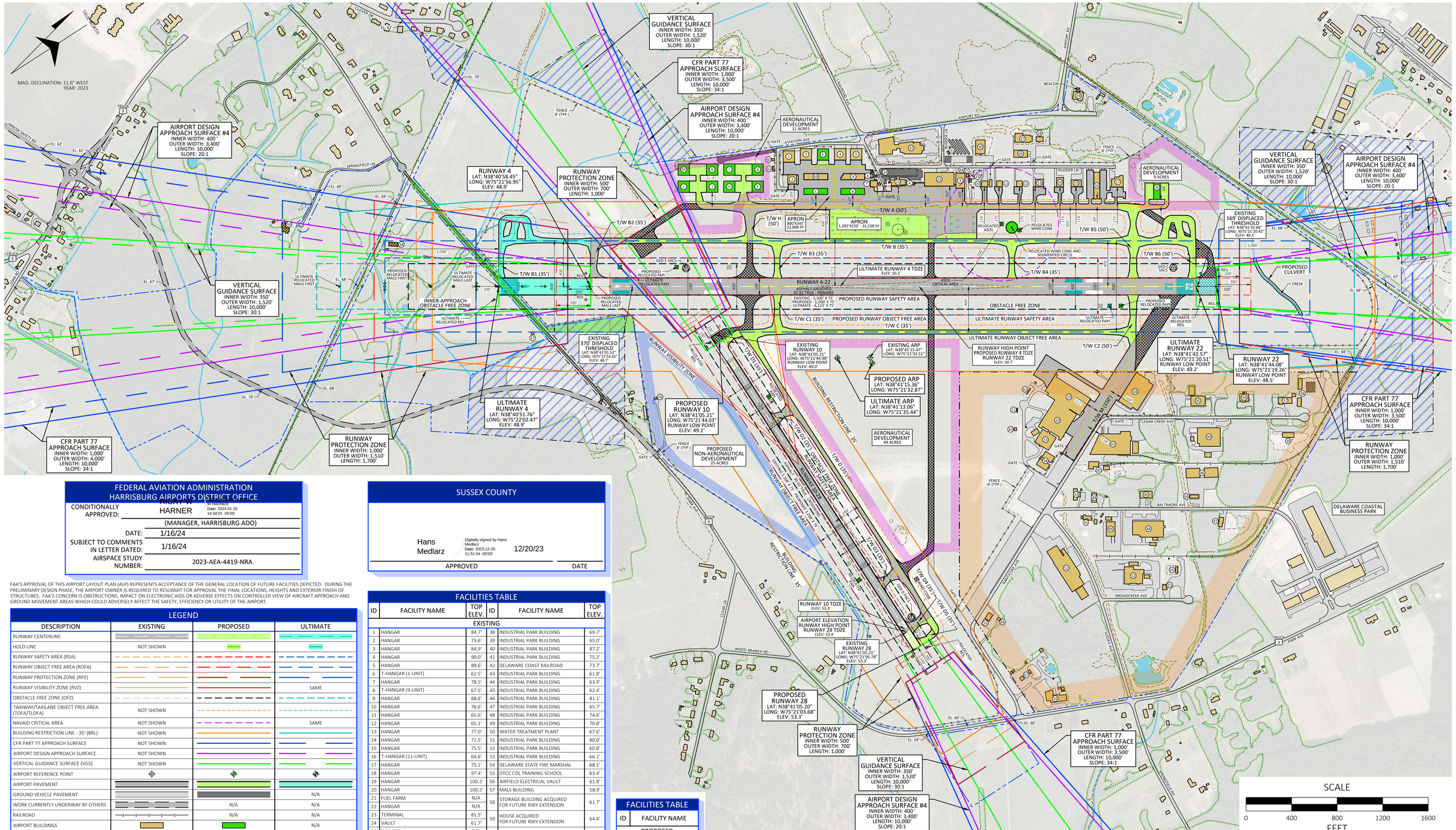

FEDERAL AVIATION ADMINISTRATION
HARRISBURG AIRPORTS DISTRICT OFFICE

CONDITIONALLY APPROVED: HARNER — Digitally signed by HARNER Date: 2024.01.16 14:34:01 -05'00'

(MANAGER, HARRISBURG ADO)

DATE: 1/16/24

SUBJECT TO COMMENTS IN LETTER DATED: 1/16/24

AIRSPACE STUDY NUMBER: 2023-AEA-4419-NRA

SUSSEX COUNTY

Hans Medlarz — Digitally signed by Hans Medlarz Date: 2023.12.20 11:51:54 -05'00' — 12/20/23

APPROVED — DATE

FAA'S APPROVAL OF THIS AIRPORT LAYOUT PLAN (ALP) REPRESENTS ACCEPTANCE OF THE GENERAL LOCATION OF FUTURE FACILITIES DEPICTED. DURING THE PRELIMINARY DESIGN PHASE, THE AIRPORT OWNER IS REQUIRED TO RESUBMIT FOR APPROVAL THE FINAL LOCATIONS, HEIGHTS AND EXTERIOR FINISH OF STRUCTURES. FAA'S CONCERN IS OBSTRUCTIONS, IMPACT ON ELECTRONIC AIDS OR ADVERSE EFFECTS ON CONTROLLER VIEW OF AIRCRAFT APPROACH AND GROUND MOVEMENT AREAS WHICH COULD ADVERSELY AFFECT THE SAFETY, EFFICIENCY OR UTILITY OF THE AIRPORT.

LEGEND

DESCRIPTION	EXISTING	PROPOSED	ULTIMATE
RUNWAY CENTERLINE			
HOLD LINE	NOT SHOWN		
RUNWAY SAFETY AREA (RSA)			
RUNWAY OBJECT FREE AREA (ROFA)			
RUNWAY PROTECTION ZONE (RPZ)			
RUNWAY VISIBILITY ZONE (RVZ)			SAME
OBSTACLE FREE ZONE (OFZ)			
TAXIWAY/TAXILANE OBJECT FREE AREA (TOFA/TLOFA)	NOT SHOWN		
NAVAID CRITICAL AREA	NOT SHOWN		SAME
BUILDING RESTRICTION LINE - 35' (BRL)	NOT SHOWN		
CFR PART 77 APPROACH SURFACE	NOT SHOWN		
AIRPORT DESIGN APPROACH SURFACE	NOT SHOWN		
VERTICAL GUIDANCE SURFACE (VGS)	NOT SHOWN		
AIRPORT REFERENCE POINT			
AIRPORT PAVEMENT			
GROUND VEHICLE PAVEMENT			N/A
WORK CURRENTLY UNDERWAY BY OTHERS		N/A	N/A
RAILROAD		N/A	N/A
AIRPORT BUILDINGS			N/A
MISCELLANEOUS BUILDINGS		N/A	N/A
TO BE REMOVED	N/A		
AIRPORT PROPERTY			N/A
AIRPORT EASEMENT		N/A	N/A
AERONAUTICAL DEVELOPMENT AREA	N/A		SAME
NON-AERONAUTICAL DEVELOPMENT AREA			SAME
NGS MONUMENT		N/A	N/A
FENCE (8' TYP.)			N/A
WATER		N/A	N/A
TREE LINE		N/A	N/A
GROUND ELEVATION CONTOURS (10')	50	N/A	N/A

FACILITIES TABLE

ID	FACILITY NAME	TOP ELEV.	ID	FACILITY NAME	TOP ELEV.
	EXISTING				
1	HANGAR	84.7'	38	INDUSTRIAL PARK BUILDING	69.7'
2	HANGAR	73.6'	39	INDUSTRIAL PARK BUILDING	65.0'
3	HANGAR	84.9'	40	INDUSTRIAL PARK BUILDING	87.2'
4	HANGAR	90.0'	41	INDUSTRIAL PARK BUILDING	75.2'
5	HANGAR	89.6'	42	DELAWARE COAST RAILROAD	73.7'
6	T-HANGAR (1-UNIT)	62.5'	43	INDUSTRIAL PARK BUILDING	61.8'
7	HANGAR	78.5'	44	INDUSTRIAL PARK BUILDING	63.9'
8	T-HANGAR (9-UNIT)	67.5'	45	INDUSTRIAL PARK BUILDING	62.4'
9	HANGAR	88.6'	46	INDUSTRIAL PARK BUILDING	81.1'
10	HANGAR	76.6'	47	INDUSTRIAL PARK BUILDING	65.7'
11	HANGAR	65.6'	48	INDUSTRIAL PARK BUILDING	74.6'
12	HANGAR	65.1'	49	INDUSTRIAL PARK BUILDING	70.8'
13	HANGAR	77.0'	50	WATER TREATMENT PLANT	67.6'
14	HANGAR	72.5'	51	INDUSTRIAL PARK BUILDING	80.6'
15	HANGAR	75.5'	52	INDUSTRIAL PARK BUILDING	60.8'
16	T-HANGAR (11-UNIT)	64.6'	53	INDUSTRIAL PARK BUILDING	66.1'
17	HANGAR	75.1'	54	DELAWARE STATE FIRE MARSHAL	68.1'
18	HANGAR	97.4'	55	DTCC CDL TRAINING SCHOOL	63.4'
19	HANGAR	100.2'	56	AIRFIELD ELECTRICAL VAULT	61.8'
20	HANGAR	100.2'	57	MALS BUILDING	58.9'
21	FUEL FARM	N/A	58	STORAGE BUILDING ACQUIRED FOR FUTURE RWY EXTENSION	61.7'
22	HANGAR	N/A			
23	TERMINAL	81.5'	59	HOUSE ACQUIRED FOR FUTURE RWY EXTENSION	64.4'
24	VAULT	61.7'			
25	FUEL FARM	N/A	60	COVER FOR AIRFIELD MAINTENANCE EQUIPMENT	62.9'
26	SRE BUILDING	79.0'			
27	PARAMEDIC FACILITY	77.1'	61	SUSSEX COUNTY ENGINEER'S TRAILER	64.3'
28	MAINTENANCE BUILDING	69.5'	62	PROPANE FUEL TANK	59.0'
29	EMERGENCY OPERATIONS CENTER	67.2'	63	ALOFT WASTE FUEL/OIL STORAGE	59.4'
30	DTCC A&P TRAINING SCHOOL	81.6'	64	BUILDER SUPPLY OFFICE BUILDING	62.5'
31	SOLAR FARM	59.3'	65	PROPANE FUEL TANK	64.2'
32	EMERGENCY OPERATIONS CENTER	78.1'	66	DTCC CDL TRAINING SCHOOL OILS/FLUID AND EQUIPMENT SHED	59.4'
33	INDUSTRIAL PARK BUILDING	N/A			
34	INDUSTRIAL PARK BUILDING	62.0'	67	FIRE TRAINING STRUCTURES AND STORAGE BUILDINGS	70.9'
35	INDUSTRIAL PARK BUILDING	66.8'			
35	INDUSTRIAL PARK BUILDING	66.8'	68	DTCC A&P OILS/FLUIDS AND EQUIPMENT STORAGE SHED	61.0'
36	INDUSTRIAL PARK BUILDING	67.0'			
37	INDUSTRIAL PARK BUILDING	66.0'	69	T-HANGAR (9-UNIT)	N/A

FACILITIES TABLE

ID	FACILITY NAME
	PROPOSED
A	TERMINAL EXPANSION
B	T-HANGAR (9-UNIT)
C	T-HANGAR (9-UNIT)
E	HANGAR (100' X 100')
F	HANGAR (100' X 100')
G	HANGAR (100' X 100')
H	HANGAR (100' X 100')
I	HANGAR (100' X 100')
J	HANGAR (100' X 100')
K	HANGAR (100' X 100')
L	HANGAR (100' X 100')
M	HANGAR (100' X 100')
N	T-HANGAR (5-UNIT)

SCALE
0 400 800 1200 1600
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 AND IMAGE 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.
- ROAD ELEVATIONS AS INDICATED INCLUDE CONSIDERATION OF VEHICLES PER CFR PART 77. (15' FOR ROAD, 17' FOR INTERSTATE, 23' FOR RAILROAD)
- FOR OBSTRUCTIONS PLEASE REFER TO SHEETS 6 THRU 19.
- FOR DETAILED WETLAND LOCATIONS REFER TO SHEET 23.

REV	DATE	DESCRIPTION	BY	SPONSOR

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

DELAWARE COASTAL AIRPORT
SUSSEX COUNTY, DELAWARE

AIRPORT LAYOUT PLAN

SCALE:	1" = 400'	DESIGN:	SRB
DRAWN:	RGT	PROJECT:	18517.00
CHECKED:	ZAS	DATE:	DECEMBER 2023

SHEET: 3
3 OF 23

K:\Delaware Coast\AT-18517.00 Master Plan Update\Draw\Drawings\Sheet Files\ALP.dwg