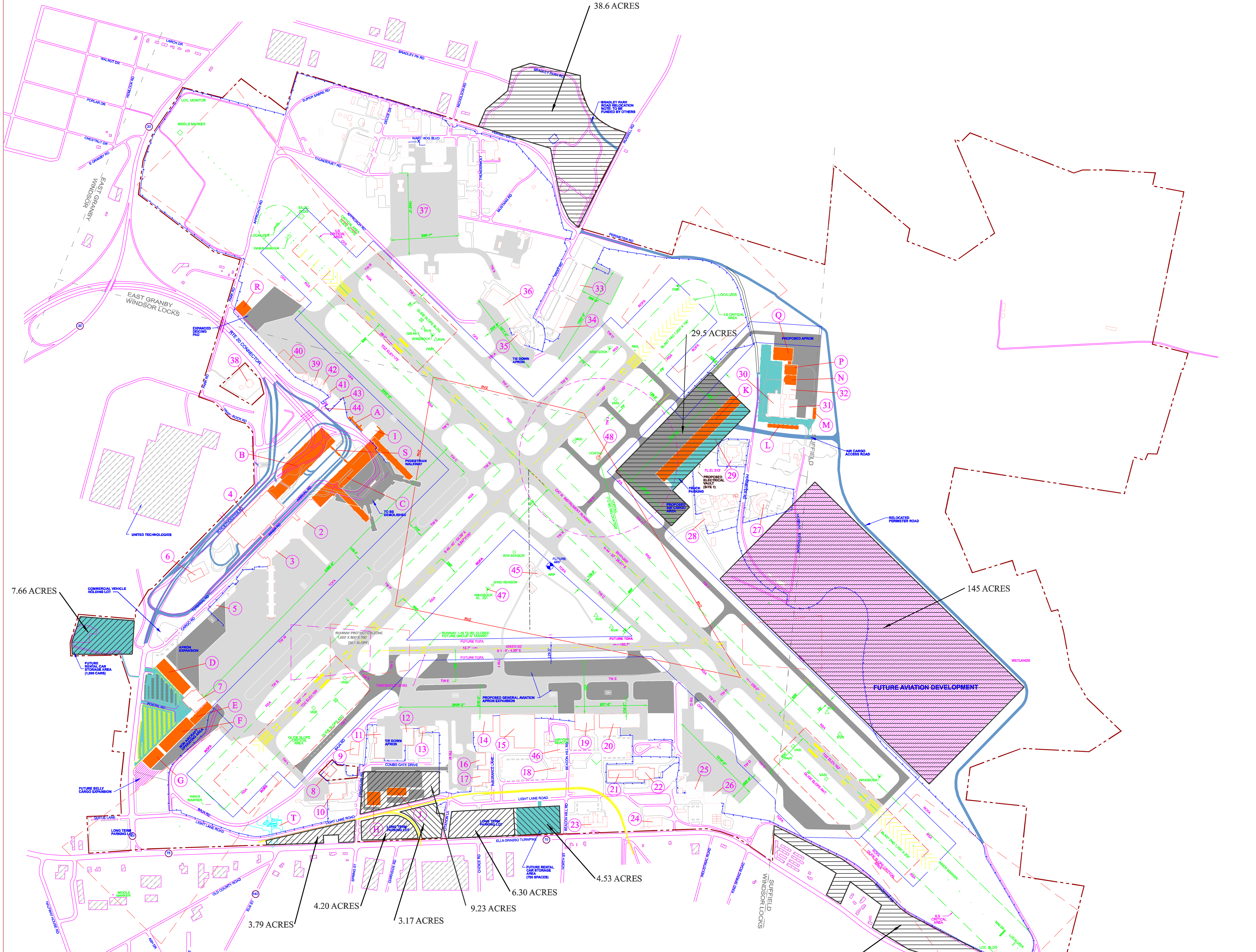

NOTES:

1. FUTURE STRUCTURES WILL CONFORM TO FAA NAVAID CRITICAL AREA, FAR PART 77 OBSTRUCTION CRITERIA, AND ATCT LINE OF SIGHT CRITERIA.
2. AIRPORT DESIGN STANDARDS BASED ON FAA AIRPLANE DESIGN GROUP (ADG) IV (WING SPAN 118'-171'). AIRCRAFT APPROACH CATEGORY C (121 KNOTS-141 KNOTS).
3. THE DEPICTED AIRPORT LAYOUT PLAN IS BASED ON GIS TOPOGRAPHY DATA AND OTHER SOURCES. BEFORE ANY ENGINEERING, DESIGN, OR CONSTRUCTION PROJECTS ARE UNDERTAKEN, THE EXACT LOCATION OF EXISTING FACILITIES SHOULD BE FIELD CHECKED AND VERIFIED.
4. ALL TAXIWAYS ARE 75' WIDE UNLESS OTHERWISE NOTED. EXIT TAXIWAY WIDTH MAY VARY DEPENDING ON LOCATION AND DESIGN.
5. ALL PROPOSED CONSTRUCTION ON AIRPORT PROPERTY SHALL BE SUBMITTED TO THE CONNECTICUT DEPARTMENT OF TRANSPORTATION BUREAU OF AVIATION AND PORTS AND FAA FOR REVIEW AND APPROVAL AT THE EARLIEST DATE ON FORM 7460-1 (NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION). RUNWAY PROTECTION ZONES AND CRITICAL AREAS OF FAA FACILITIES ARE SHOWN TO INDICATE AREAS WHICH MUST REMAIN FREE FROM FUTURE DEVELOPMENT. HOWEVER, THESE STERILE AREAS ARE NOT ALL ENCOMPASSING, AND FUTURE STRUCTURES OUTSIDE OF THESE STERILE AREAS MAY STILL ADVERSELY IMPACT THE PERFORMANCE OF THE ASSOCIATED FACILITIES.
6. SEE DRAWING 3 OF 10 FOR AIRPORT AND RUNWAY DATA.
7. NO OBSTRUCTIONS FOR LINE OF SIGHT FROM THE PROPOSED LOCATION OF THE AIR TRAFFIC CONTROL TOWER TO ALL AIRCRAFT OPERATIONS AREA.
8. ALL ILS HOLDING POSITION MARKING SIGNS ARE LOCATED 250 FT. FROM THE RUNWAY C/L.
9. VORTAC RELOCATION STUDY UNDER WAY BY FAA.
10. RENTAL CAR READY/RETURN OPERATION RELOCATED TO PARKING GARAGE EXPANSION (FLOOR 1 & 2)
11. ALL RUNWAYS MEET FAA TAKE-OFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES.

FAA DISCLAIMER:

1. THE PREPARATION OF THIS DOCUMENT WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN, NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.
2. THE 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 SHALL SUBMIT, FOR FAA APPROVAL: FINAL LOCATIONS, HEIGHTS, AND EXTERIOR FINISH OF ALL STRUCTURES. THE FAA'S CONCERNS ARE OBSTRUCTIONS, IMPACT ON ELECTRONIC FACILITIES, AND ADVERSE IMPACT ON CONTROLLER VIEW OF AIRCRAFT APPROACHES AND GROUND MOVEMENT AREAS WHICH COULD ADVERSELY AFFECT THE SAFETY, EFFICIENCY, OR UTILITY OF THE AIRPORT.

DRAWING LEGEND

ITEM	EXISTING	FUTURE
AIRPORT PROPERTY LINE		NO CHANGE
ROADS		
BUILDINGS		
AIRFIELD PAVEMENT		
SECURITY FENCE		NO CHANGE
OFF AIRPORT BUILDINGS		NO CHANGE
BUILDINGS TO BE REMOVED		NO CHANGE
GROUND CONTOURS		NO CHANGE
AIRPORT REFERENCE POINT		
WINDSOCK		NO CHANGE
FUTURE AVIATION DEVELOPMENT		
WETLAND AREA		NO CHANGE
RUNWAY VISUAL ZONE		NO CHANGE
PAPI		NO CHANGE
VASI		NO CHANGE
SNOW MELTER	SM	NO CHANGE
VEHICULAR PARKING		

FUTURE FACILITY LEGEND

FACILITY No.	FACILITY DESCRIPTION	TOP ELEVATION (ESTIMATE)(MSL)
A	F.I.S. CONCOURSE EXPANSION	190'
B	PARKING GARAGE EXPANSION	230'
C	UNIFIED TERMINAL A	215'
D	BELLY CARGO/FREIGHT BLDG.	200'
E	BELLY CARGO/FREIGHT BLDG.	200'
F	BELLY CARGO/FREIGHT BLDG.	200'
G	BELLY CARGO/FREIGHT BLDG.	200'
H	AIRCRAFT MAINTENANCE HANGAR	205'
J	AIRCRAFT MAINTENANCE HANGAR	205'
K	AIR CARGO BLDG.	210'
L	MUSEUM STORAGE BLDG.	182'
M	AIRCRAFT RESTORATION BLDG. EXPANSION	190'
N	MUSEUM DISPLAY HANGAR	190'
P	MUSEUM DISPLAY HANGAR	190'
Q	MUSEUM DISPLAY HANGAR	190'
R	FUEL RECEIVING STATION	185'
S	PEDESTRIAN WALKWAY	175'
T	ALTERNATIVE FUEL STATION	195'

EXISTING FACILITY LEGEND

FACILITY No.	FACILITY DESCRIPTION	TOP ELEVATION (EST.)(MSL)
1	FEDERAL INSPECTION SERVICE BLDG.(FIS)	205'
2	SHERATON HOTEL	240'
3	TERMINAL A	215'
4	PUBLIC PARKING GARAGE	230'
5	FUEL RECEIVING STATION	190'
6	CO-GENERATION PLANT	220'
7	U.S.P.S. - AIR MAIL	200'
8	ARFF STATION (EAST)	185'
9	AIRPORT MAINTENANCE BLDG.	185'
10	CORPORATE AIR HANGAR	190'
11	TAC AIR (FBO) TERMINAL BLDG.	200'
12	TAC AIR (FBO) CORPORATE HANGAR	202'
13	FUEL FARM (FBO)	200'
14	UPS AIR CARGO	202'
15	UPS AIR CARGO	201'
16	TRAVELERS INS. CORPORTATE HANGAR	200'
17	CIGNA CORPORATE HANGAR	202'
18	PARKING OFFICE	181'
19	BOMBARDIER CORP. AIRCRAFT HANGAR	204'
20	BOMBARDIER CORP. AIRCRAFT HANGAR	210'
21	AIRPORT MAINTENANCE BLDG.	185'
22	AIRPORT MAINTENANCE BLDG.	185'
23	CLOUDS AND ROBINSON BLDG.	180'
24	ARMY NATIONAL GUARD SUPPORT BLDG.	180'
25	ARMY NATIONAL GUARD HANGAR	205'
26	ARMY NATIONAL GUARD HANGAR	205'
27	CT FIRE TRAINING CENTER (NORTH)	195'
28	CT FIRE TRAINING CENTER (SOUTH)	195'
29	FAA CONTROL TOWER-S-TRACON (CAB FLOOR EL 313)	340'
30	NEW ENGLAND AIR MUSEUM (ADM & DISPLAY HANGAR)	190'
31	NEW ENGLAND AIR MUSEUM (DISPLAY HANGAR)	190'
32	NEW ENGLAND AIR MUSEUM (DISPLAY HANGAR)	190'
33	CARGO BLDG. #1	200'
34	CARGO BLDG. #2	200'
35	SIGNATURE FLIGHT SUPPORT (FBO) TERMINAL BLDG.	200'
36	SIGNATURE FLIGHT SUPPORT (FBO) HANGAR	210'
37	CT AIR NATIONAL GUARD FACILITY (45 BUILDINGS)	200'
38	FUEL STORAGE FACILITY	180'
39	DEICING FACILITY (GYCOL STORAGE TANKS)	180'
40	DEICING PAD (APRON)	173'
41	DEICING FACILITY (STORAGE BLDG.)	181'
42	DEICING FACILITY (STORAGE BLDG.)	181'
43	DEICING FACILITY (STORAGE TANKS)	180'
44	DEICING FACILITY (STORAGE BLDG.)	180'

NAVAID LEGEND

FACILITY No.	FACILITY DESCRIPTION	TOP ELEVATION (EST.)(MSL)
45	AIRPORT SURVEILLLANCE RADAR	185'
46	AIRPORT BEACON	195'
47	WINDSOCK	190'
48	VORTAC (TO BE RELOCATED)	190'

TRUE NORTH
MAG. DEC. .3° W (SOURCE: NOAA 2004)
PREVAILING WINDS NORTHWEST

500' 250' 0 500' 1000'
1"=500'

10 ACRES

FAA SITE NB: 02946.*A

DATE	BY	DESCRIPTION

FUTURE AIRPORT LAYOUT PLAN

4 of 14

Bradley International Airport
Windsor Locks, Connecticut

DRAWN: ERW CHECKED: BJM FILE: working_dwg_use/FUTURE ALP.dgn DATE: JULY, 2006

PB Aviation