

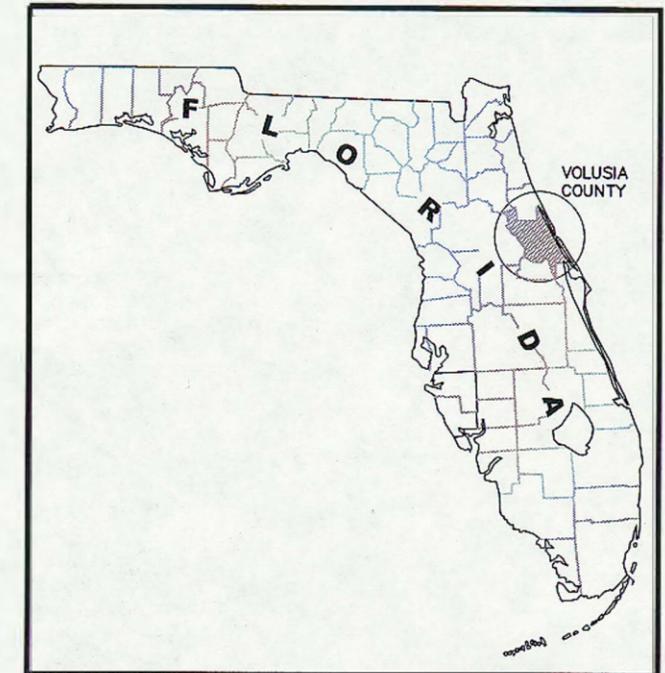
DAYTONA BEACH INTERNATIONAL AIRPORT

DAYTONA BEACH, FLORIDA

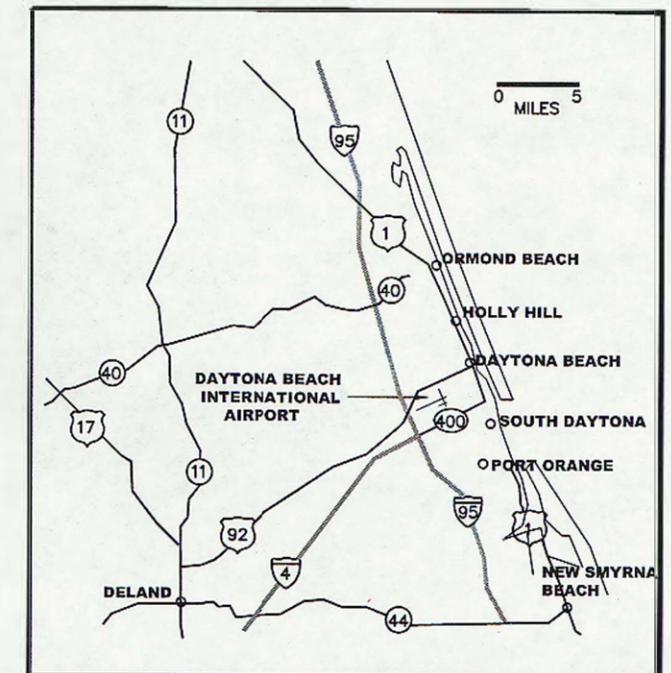
MASTER PLAN UPDATE STUDY

A.I.P. # 3-12-0017-3700
State Project # 408884-1-94-01

LOCATION MAP



VICINITY MAP



FAA APPROVAL LETTER

INDEX OF DRAWINGS

1. Title Sheet
2. Data Sheet
3. Airport Layout Plan
4. Terminal Area Plan
5. Airspace Plan (Part 77-Full)
6. Airspace Plan (Part 77-Conical)
7. Runway 16-34 Plan and Profile
8. Runway 7L-25R Plan and Profile
9. Runway 7C-25C Plan and Profile
10. Future Runway 7R-25L Plan and Profile
11. On Airport Land Use Plan
12. Exhibit "A" Property Map
13. Vicinity Plan w/ 2020 "DNL" Noise Contours

Prepared for
Daytona Beach International Airport

by

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

In association with:
Ghyabi Lassiter & Associates, Inc.
Embry-Riddle Aeronautical University

DATE: June 2003

COUNTY OF VOLUSIA COUNTY COUNCIL

Cynthia A. Coto
County Manager

Bill Long
District #5

Frank Bruno Jr.
Chair, District #2

Dwight Lewis
District #1

Jack Hayman
District #3

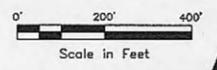
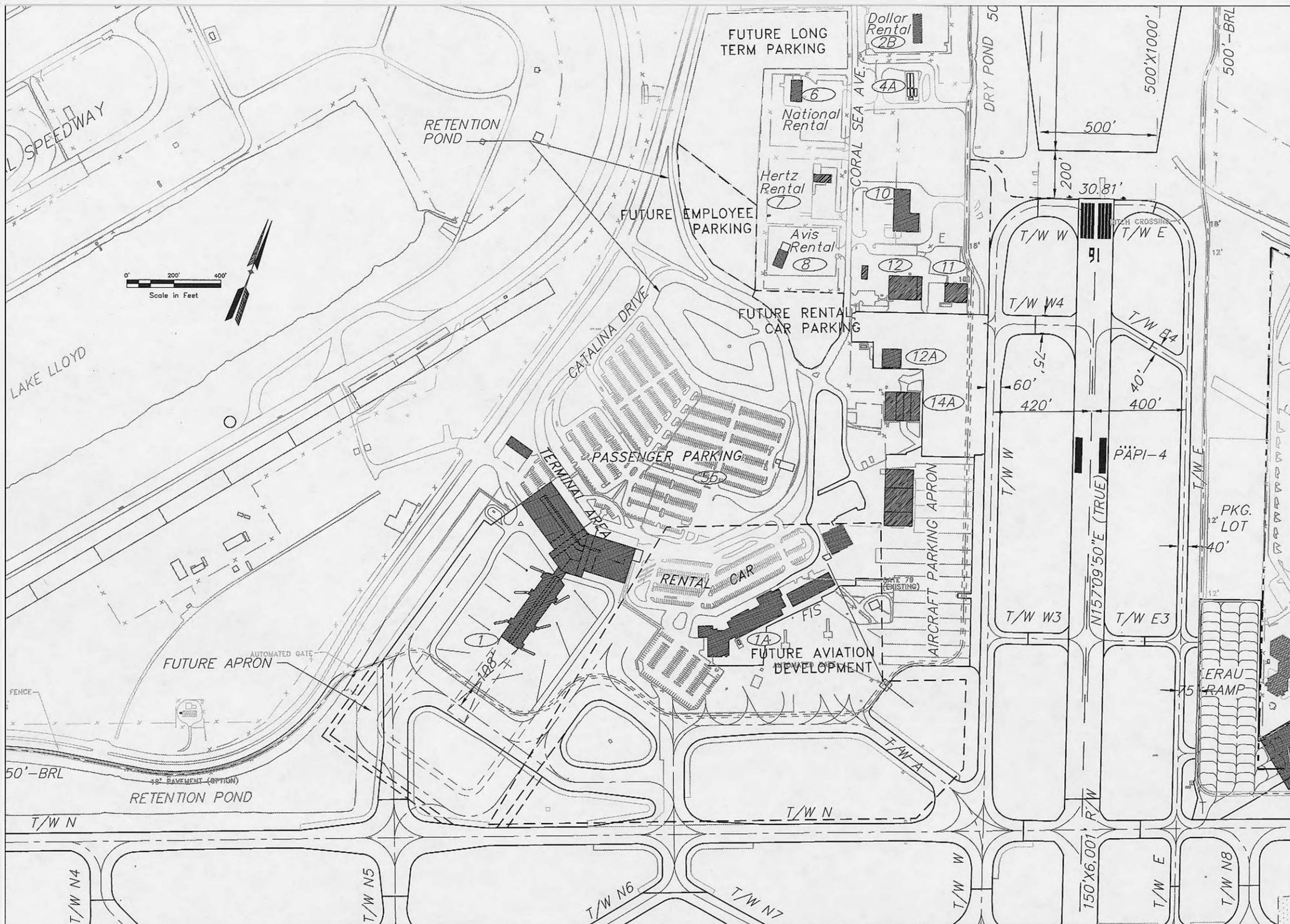
Joe Jaynes
Vice Chair, District #4

Joie Alexander
At-large

Patricia Northey
At-large

Funding Acknowledgment

The preparation of this document was financed in part through AIP grants and State and Local revenues. 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 accordant with appropriate public laws.



Building Table		
LOCATION	TENANT	ELEV. in FEET (MSL) DATUM 1988 NAVD
1	Domestic Terminal Building	91.43
1A	International Terminal Building	57.73
1B	Phoenix East Aviation (Vacant Parcel)	XXX
2B	Dollar Rental Car	65.63
3	Budget Rental Car	55.13
4	Fuel Farm	45.83
5	Race Track RV	XXX
6	National Car Rental	50.83
7	Hertz Car Rental	50.13
8	Avis Rental Car	51.83
10	Delta Air Cargo/Airport Maintenance	67.03
11	Valuair Co. Sheriff's Dept Hangar	58.13
12	Hangar (NASCAR)	59.83
14	Daytona Beach Jet Center/ Hangar	73.33
14A	Daytona Beach Jet Center	53.13
15	Restaurant (Rio Bravo)	52.93
16	Restaurant (Olive Garden)	50.83
17	Hotel (Hampton Inn)	74.83
18	Hilton Garden Inn (Embassy)	96.33
19	Halifax Clinical Research	48.73
20	Car Rental Service (Alamo)	50.33
21	Regions Bank	45.73
22	Lift Station	N/A
22	Yehington Aviation Inc.	60.33
23	FBO (Wilman & Trans Florida Airlines)	43.93
25	Chil Air Patrol Bldg	50.23
26A	Mosquito Control Storage	54.73
26B	Mosquito Control Storage	XXX
26	Mosquito Control	61.03
27	FAA Airway Facilities	51.63
28	Goody Hangars	48.33
29	Commonwealth Aviation T-Hangars	60.03
29	Commonwealth Aviation T-Hangars	48.53
29	Commonwealth Aviation T-Hangars	48.93
29	Commonwealth Aviation T-Hangars	58.33
29	Commonwealth Aviation T-Hangars	48.33
29	Commonwealth Aviation T-Hangars	58.33
30	FAA Localizer Equipment Shelter	31.13
30	Non-Aviation Storage	49.53
30	Non-Aviation Storage	50.33
30	Non-Aviation Storage	49.43
30	Non-Aviation Storage	49.83
30	Non-Aviation Storage	55.53
32	Health Department	XXX
33	FAA Tower	126.1
33A	Electrical Vault	38.73
33B	ARFF	48.93
41	FAA Airway Facilities	39.63
48	Executive Flight	XXX
50	BEAG (FAA)	41.13
55	Low Level Wind Shear Detector	XXX
57	Executive Offices	67.23
59	Dorms	XXX
60	Marriott Hotel	82.93

LEGEND		
ITEM	EXISTING	FUTURE
WINDSOCK		
RUNWAY PROTECTION ZONE		
AIRPORT BOUNDARY		
AIRFIELD/APRON PAVEMENT		
ROADS		
STRUCTURES		
AIRPORT REFERENCE POINT		
FENCE		
RUNWAY SAFETY AREA		
RUNWAY SAFETY AREA		
OBJECT FREE AREA		
REL		
VALS		
VEGETATION		N/A
POLE		
TREE(S)		
RUNWAY VISUAL RANGE		
ANTENNA		
OBSTACLE LIGHT		
SIGN		

AUTH.	BY	REVISIONS	DATE

DAYTONA BEACH INTERNATIONAL AIRPORT
 Daytona Beach, Florida

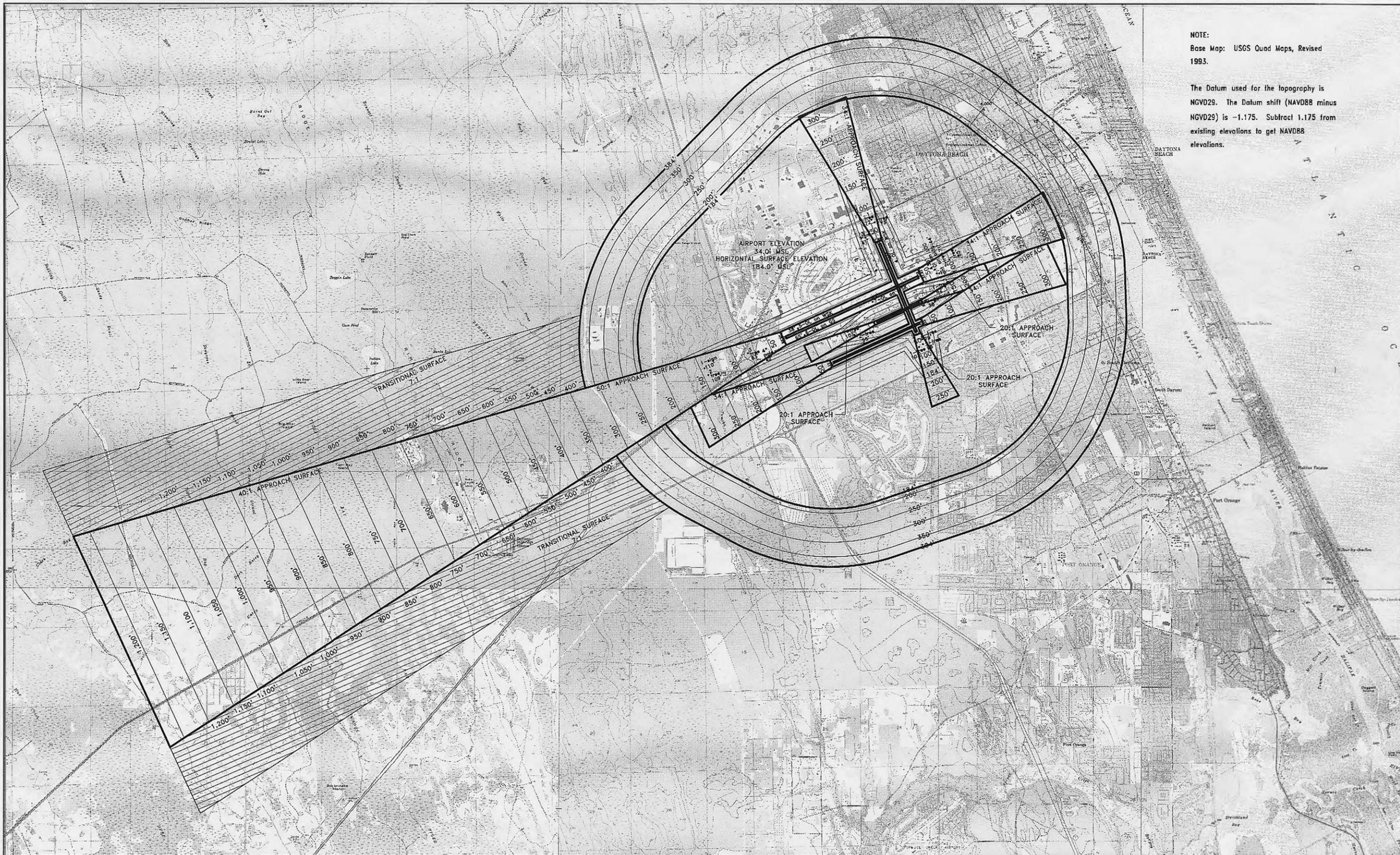
PROJECT NAME
MASTER PLAN UPDATE STUDY

DRAWING TITLE
TERMINAL AREA PLAN

DATE: 06/06/2002
 DRAWING NO.: 4 of 13

HNTB ARCHITECTS ENGINEERS PLANNERS
 The HNTB Companies

p:\work\27121\techprod\cod\plans\TA\



AUTH.	BY	REVISIONS	DATE


DAYTONA BEACH INTERNATIONAL AIRPORT
 Daytona Beach, Florida


HNTB ARCHITECTS ENGINEERS PLANNERS
 The HNTB Companies

PROJECT NAME: **MASTER PLAN UPDATE STUDY**
 DRAWING TITLE: **AIRSPACE PLAN (PART 77-FULL)**

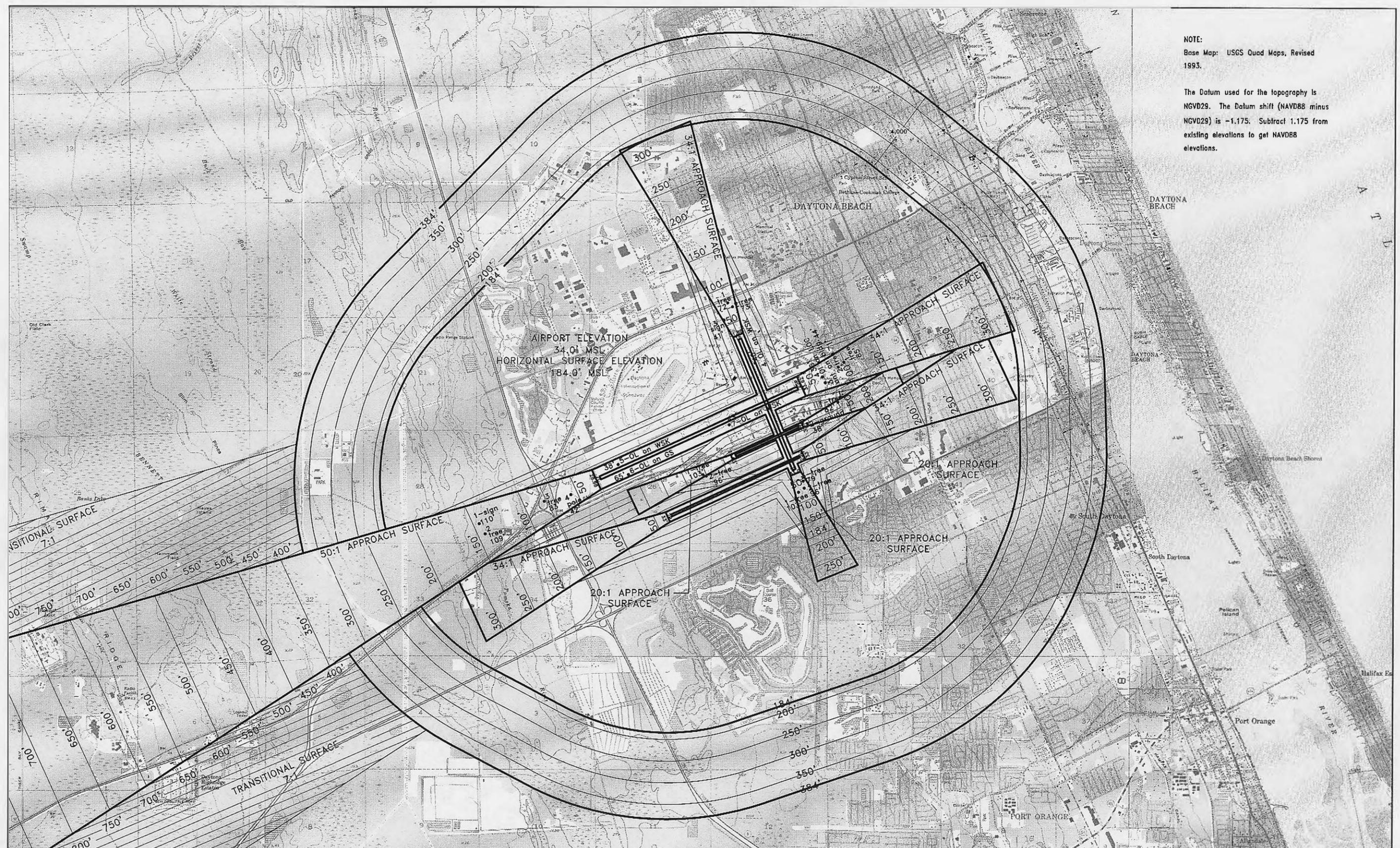
DATE: 06/06/2002
 DRAWING NO.: 5 of 13

Scale in Feet: 0' 3,000' 6,000'



pmwork\27121\techprod\csc\glona\data-sheet

NOTE:
 Base Map: USGS Quad Maps, Revised 1993.
 The Datum used for the topography is NGVD29. The Datum shift (NAVD88 minus NGVD29) is -1.175. Subtract 1.175 from existing elevations to get NAVD88 elevations.



DAYTONA BEACH INTERNATIONAL AIRPORT
 Daytona Beach, Florida

HNTB ARCHITECTS ENGINEERS PLANNERS
 The HNTB Companies

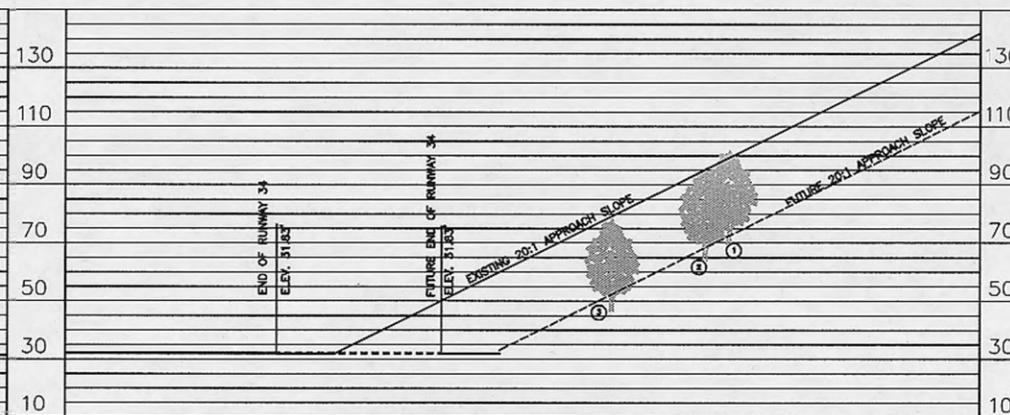
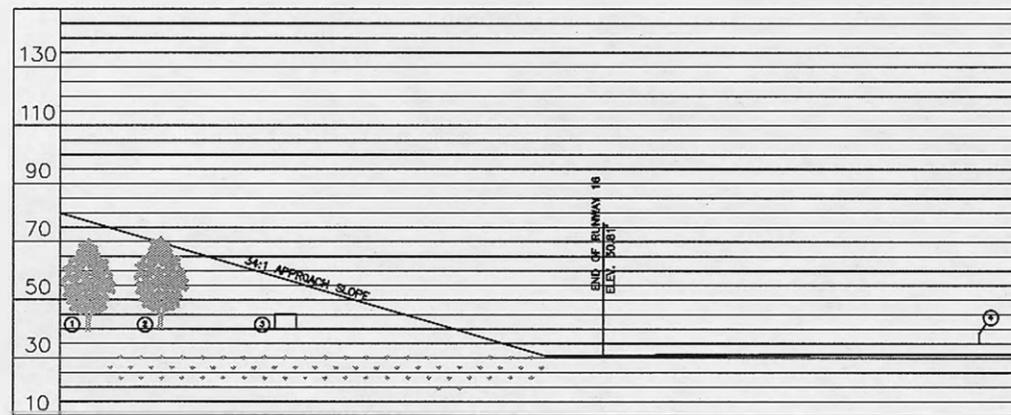
PROJECT NAME: **MASTER PLAN UPDATE STUDY**

DRAWING TITLE: **AIRSPACE PLAN (PART 77-CONICAL)**

DATE: 06/06/2002

DRAWING NO.: 6 of 13

Scale in Feet: 0' 2,000' 4,000'



RUNWAY 16 OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.R.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
1	TREE	70.83	17.75	TRANSITIONAL	0	TOP OF RUNWAY
2	TREE	71.86	17.75	APPROACH	-15	TOP OF RUNWAY
3	SIGN	39.83	109.5	TRANSITIONAL	-15	TOP OF RUNWAY
4	OL ON LID WSK	38.83	-1.25	TRANSITIONAL	0	NONE

RUNWAY 34 OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.R.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
1	TREE	101.83	1.50	APPROACH	2.0	TOP OF RUNWAY
2	TREE	94.83	1.50	APPROACH	-15	TOP OF RUNWAY
3	TREE	77.83	1.17	APPROACH	-1.50	TOP OF RUNWAY
4	OL ON LID WSK	38.83	-4.125	APPROACH	0	NONE

FUTURE RWY 34 OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.R.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
1	TREE	101.83	1.50	APPROACH	27.0	TOP OF RUNWAY
2	TREE	94.83	1.50	APPROACH	24.0	TOP OF RUNWAY
3	TREE	77.83	1.17	APPROACH	21.0	TOP OF RUNWAY
4	OL ON LID WSK	38.83	-4.125	APPROACH	21.0	TOP OF RUNWAY

HORIZONTAL SCALE 1"=300'
VERTICAL SCALE 1"=30'

AUTH.	BY	REVISIONS	DATE

DAYTONA BEACH INTERNATIONAL AIRPORT
Daytona Beach, Florida

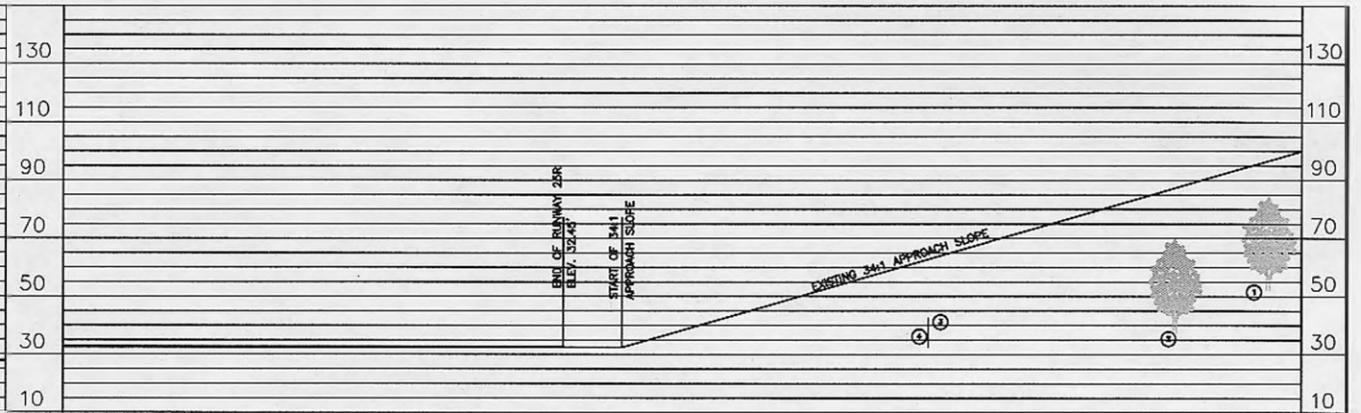
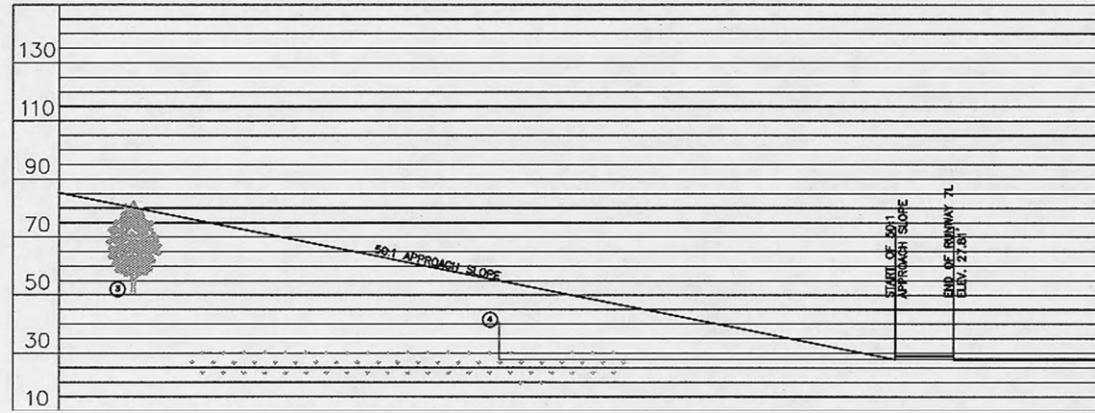
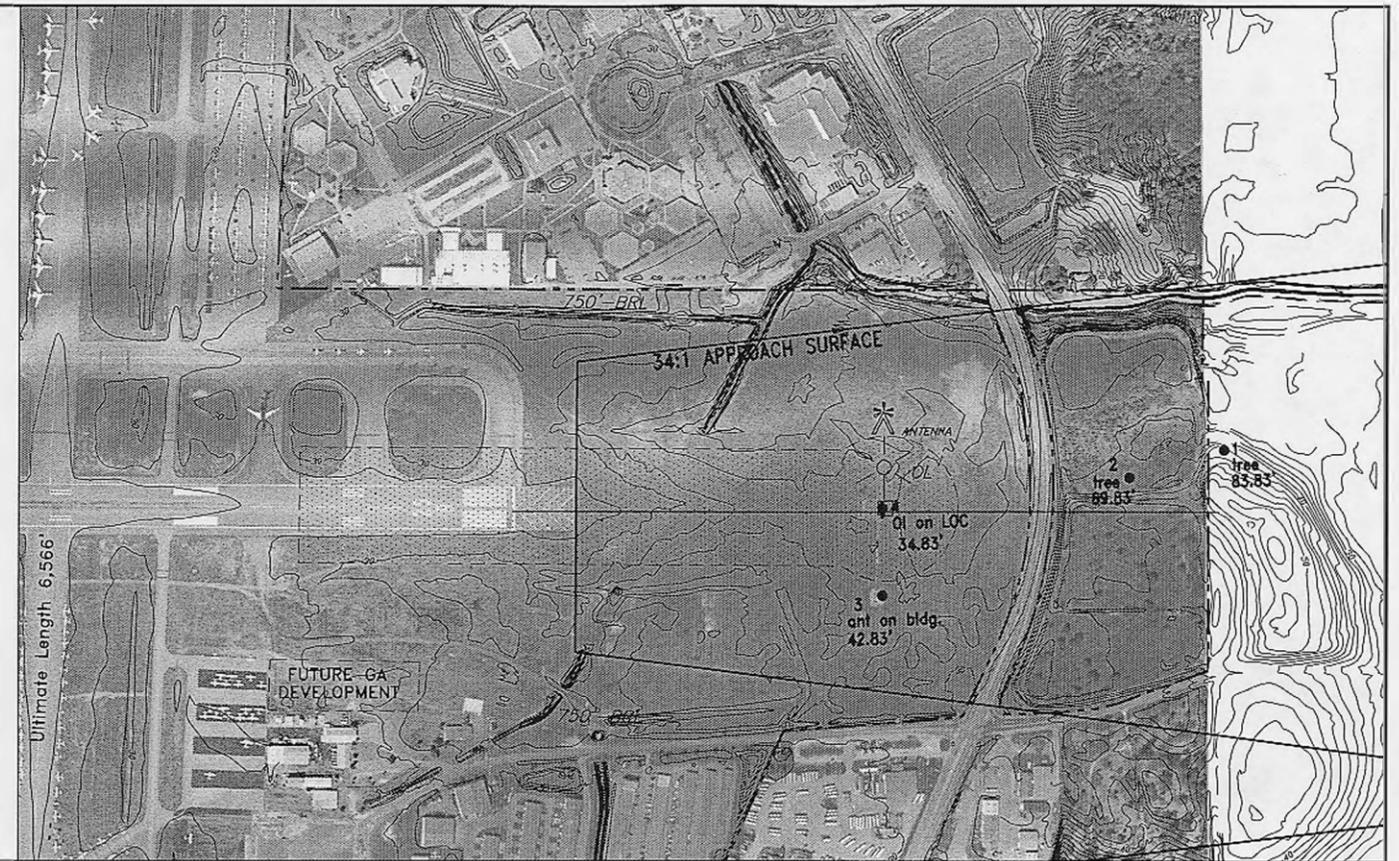
HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

PROJECT NAME
MASTER PLAN UPDATE STUDY

DRAWING TITLE
RUNWAY 16-34 PLAN AND PROFILE

DATE
06/07/02

DRAWING NO.
7 of 13



RUNWAY 7L OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.B.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
1	TREE	81.83	1.00	APPROACH	17	REMOVE
2	POLE	49.83	2.00	APPROACH	34	REMOVE
3	TREE	81.83	1.00	APPROACH	17	REMOVE
4	POLE	49.83	2.00	APPROACH	34	REMOVE



HORIZONTAL SCALE 1"=300'
VERTICAL SCALE 1"=30'

RUNWAY 25R OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.B.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
1	TREE	85.83	1.00	APPROACH	10	REMOVE
2	TREE	89.83	2.00	APPROACH	20	REMOVE
3	ANT ON BLDG	42.83	1.00	APPROACH	10	REMOVE
4	ANT ON LOC	34.83	1.00	APPROACH	10	REMOVE

AUTH.	BY	REVISIONS	DATE

DAYTONA BEACH INTERNATIONAL AIRPORT
Daytona Beach, Florida

PROJECT NAME
MASTER PLAN UPDATE STUDY

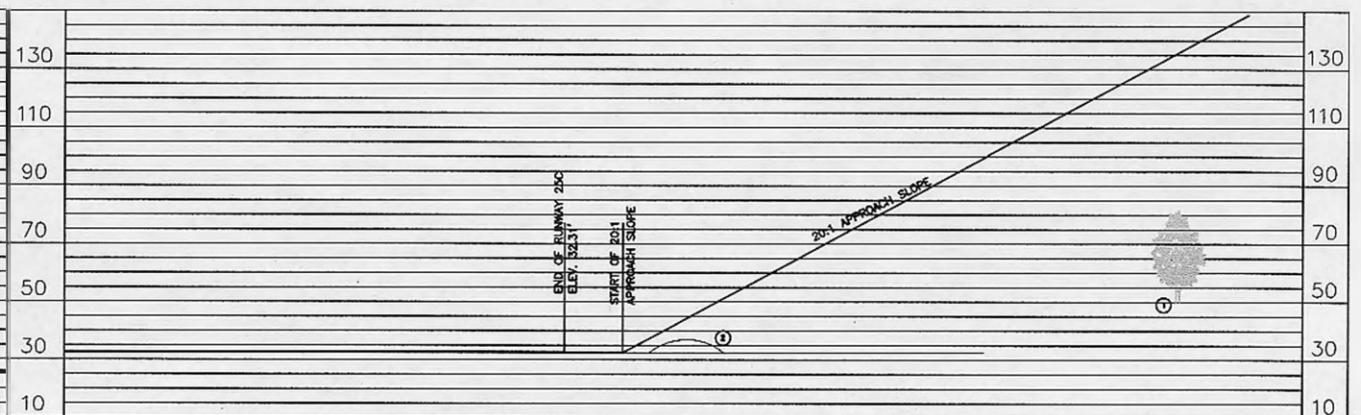
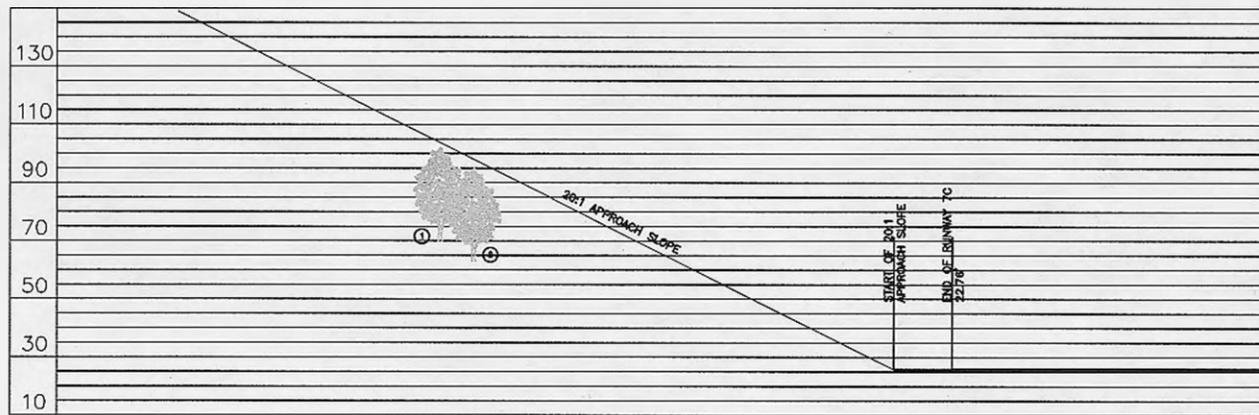
DATE: 06/07/02
DRAWING NO.

p:\work\27121\techprod\cad\plans\data-sheet

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DRAWING TITLE
RUNWAY 7L-25R PLAN AND PROFILE

8 of 13



RUNWAY 7C OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.B.L.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
1	TREE	101.83	1,750	20:1	-N	NONE
2	TREE	94.83	1,649	TRANSITIONAL	-S	NONE



HORIZONTAL SCALE 1"=300'
VERTICAL SCALE 1"=30'

RUNWAY 25R OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.B.L.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
1	TREE	80.83	3,107	20:1	-N	NONE
2	GROUND	36.83	407	APPROACH	-S	NONE

NOTE: Existing Runway 7R - 25L will be renumbered to 7C - 25C to accommodate future third parallel runway.

AUTH.	BY	REVISIONS	DATE

DAYTONA BEACH INTERNATIONAL AIRPORT
Daytona Beach, Florida

PROJECT NAME
MASTER PLAN UPDATE STUDY

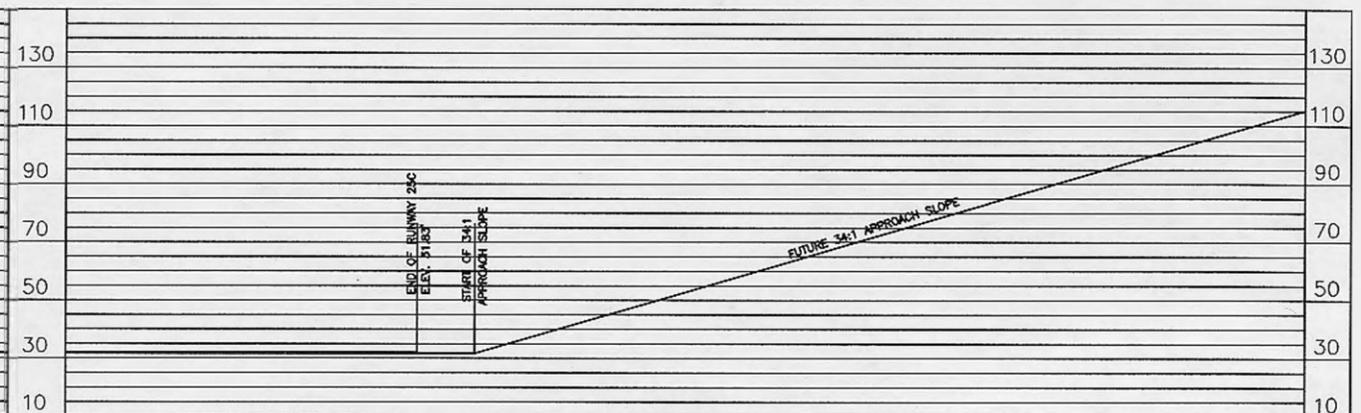
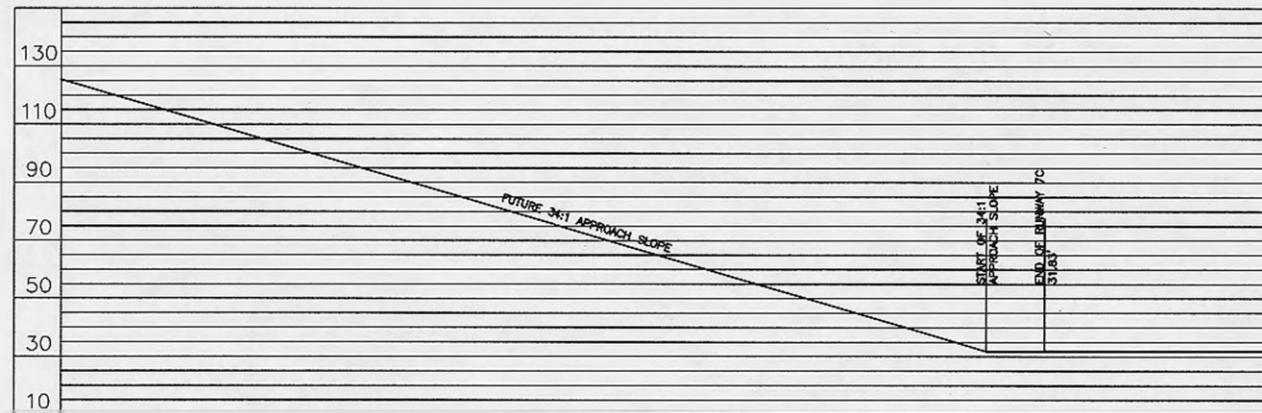
DATE: 06/07/02
DRAWING NO.

d:\work\27121\techprod\cad\plans\data-sheet

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DRAWING TITLE
RUNWAY 7C-25C PLAN AND PROFILE

9 of 13



RUNWAY 7R OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.S.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
				25:1		



HORIZONTAL SCALE 1"=300'
VERTICAL SCALE 1"=30'

RUNWAY 25L OBSTRUCTION SUMMARY TABLE

ITEM NUMBER	OBJECT	OBJECT ELEVATION	DISTANCE FROM E.O.S.	PART 77 SURFACE	PART 77 EXCEEDS	DISPOSITION
				25:1		

NOTE: Any Obstruction will be cleared before Runway Construction begins.

AUTH.	BY	REVISIONS	DATE

DAYTONA BEACH INTERNATIONAL AIRPORT
Daytona Beach, Florida

PROJECT NAME
MASTER PLAN UPDATE STUDY

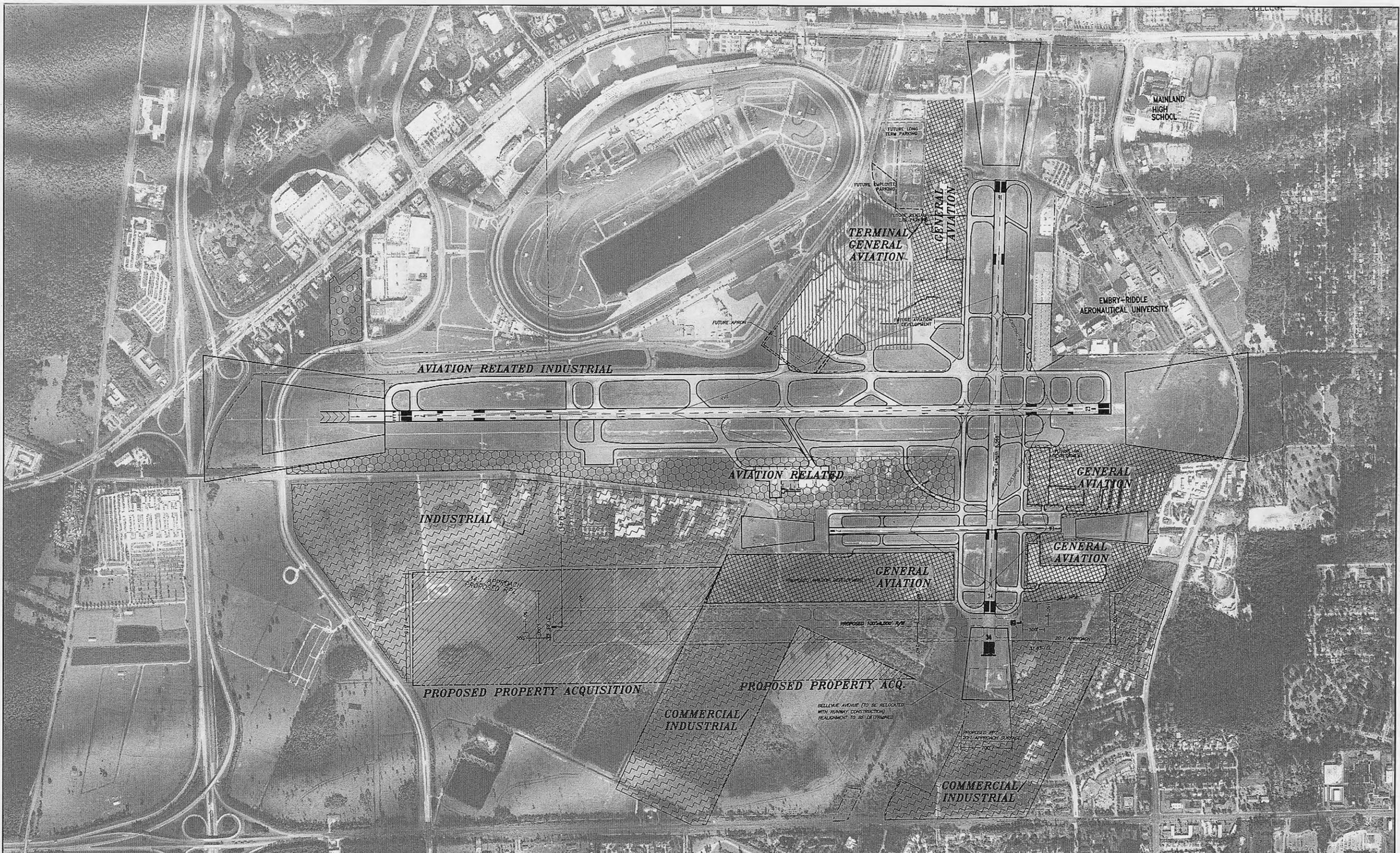
DATE: 06/07/02
DRAWING NO.

pmwork\27121\techprod\cad\plans\data-sheet

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DRAWING TITLE
FUTURE RUNWAY 7R-25L PLAN AND PROFILE

10 of 13



AUTH.	BY	REVISIONS	DATE


DAYTONA BEACH INTERNATIONAL AIRPORT
 Daytona Beach, Florida


HNTB ARCHITECTS ENGINEERS PLANNERS
 The HNTB Companies

PROJECT NAME
MASTER PLAN UPDATE STUDY

DRAWING TITLE
ON AIRPORT LAND USE PLAN

DATE: 06/07/02
 DRAWING NO.
 11 of 13

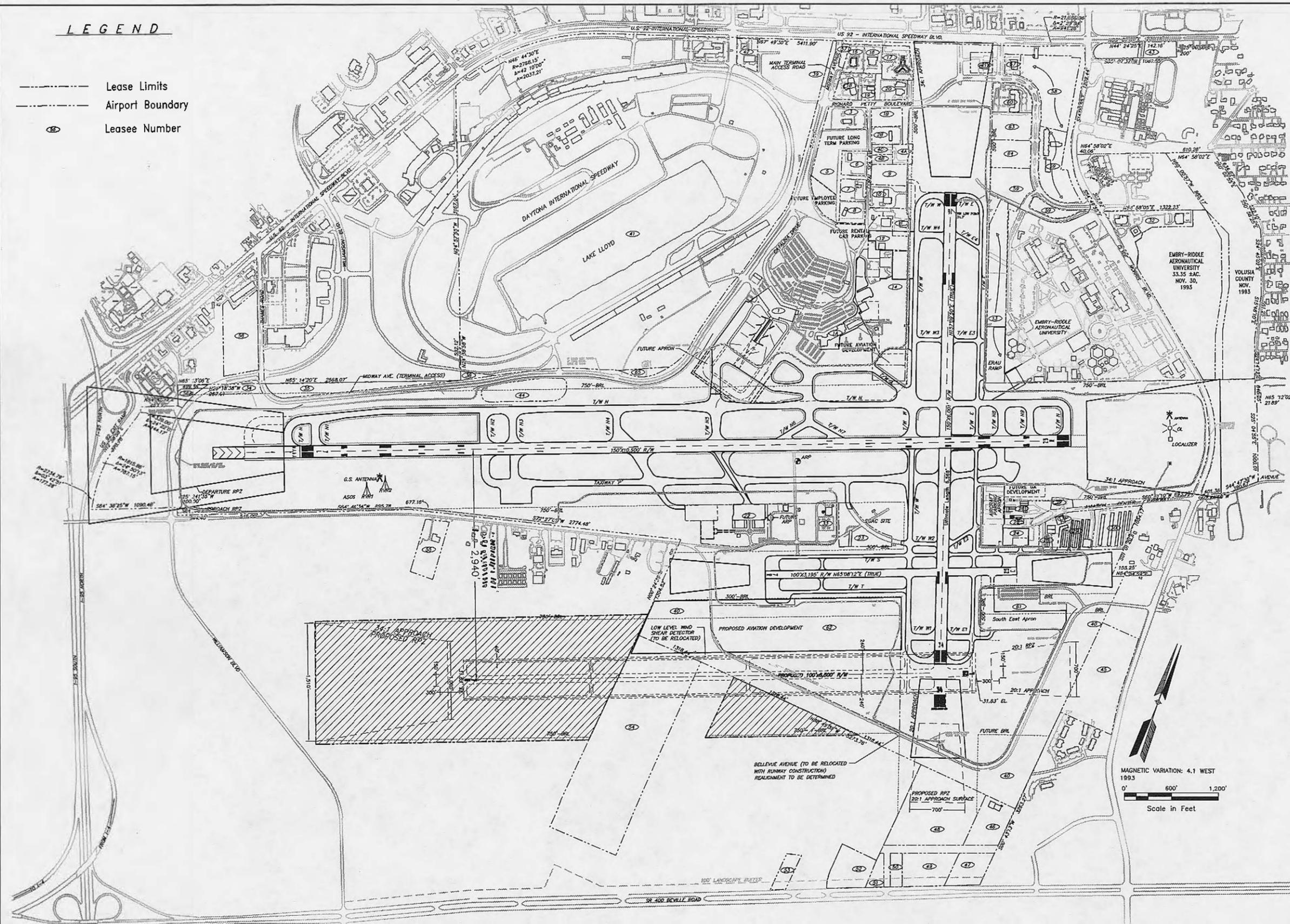
Scale in Feet
 0' 600' 1,200'



dmwork\27121\techprod\cad\plans\ALP

LEGEND

- Lease Limits
- Airport Boundary
- Ⓢ Leasee Number



#	LEASEE	AREA
1A	Domestic Terminal	NA
1B	International Terminal	NA
1B	Available	2.5 AC
2B	Dollar Rental Car	2.0 AC
3	Budget Rental Car	3.0 AC
4A	Fuel Farm (Jet Center)	0.2 AC
4B	Fuel Farm	0.11 AC
4C	Fuel Farm	0.11 AC
5	Race Track RV	11.73 AC
6	RAC Service Facility	2.265 AC
7	Horiz Car Rental	2.035 AC
8	Avis Rental Car	2.045 AC
9	Shelton	4.04 AC
10	Air Cargo Airport Maintenance	3.528 AC
11	Volusia Co. Sheriff's Dept Hangar	1.863 AC
12	Hangar (NASCAR)	4.386 AC
13	Embry-Riddle Ramp	15.31 AC
14	Jet Center/Shelton	15.55 AC
15	Restaurant (Rio Bravo)	1.889 AC
16	Restaurant (Oliva Garden)	1.897 AC
17	Hotel (Hampton Inn)	3.58 AC
18	Hilton Garden Inn (Embassy)	3.36 AC
19	Hollifield Clinical Research	0.698 AC
20	Car Rental Service (Alamo)	2.484 AC
21	Regions Bank	1.690 AC
22	Yelvington Aviation Inc.	10.23 AC
23	TBD (William & Irans Florida Airlines)	5.270 AC
24	Executive Flight Line	8.12 AC
25	Orla Air Patrol Bldg	0.71 AC
26	Volusia County Mosquito Control	2.74 AC
27	FAA Airway Facilities	0.83 AC
28	Condo Hangars	1.00 AC
29	Commonwealth Aviation T-Hangars	6.759 AC
30	Commonwealth Self-Storage	5.804 AC
31	FAA Facilities	0.10 AC
32	Health Department	7.300 AC
33	FAA Tower	3.86 AC
34	Welland	3.60 AC
35	D.I.S. Use Agreement	4.41 AC
36	Reserved	
37	Rio Bravo Restaurant	0.4 AC
38	D.I.S. Use Agreement	0.98 AC
39	Reserved	0.91 AC
40	Available	55.94 AC
41	Speedway Corporation	374 AC
42	Daytona Intl. Speedway	2.79 AC
44	Daytona Intl. Speedway Retention	6.66 AC
45	Available	18.48 AC
46	Spirit Life Harvest Church	5.10 AC
47	Available	3.74 AC
48	Available	26.34 AC
49	Available	5.73 AC
50	Available	1.58 AC
51	Available	1.32 AC
52	Available	5.54 AC
53	Available	2.00 AC
54	Available	80.00 AC
55	Race Track RV	4.84 AC
58A	Available	0.29 AC
56	Available	11.12 AC
57	Execucenter	1.423 AC
58	ERAU Development	10.84 AC
59	ERAU Dorms	13.85 AC
60	Oceanside One (Marriott)	4.34 AC
61	South East Apron	12.82 AC
62	SW General Aviation	54.86 AC
63	ERAU	3.04 AC
64	ERAU	4.43 AC
65	D.I.S. Use Agreement	2.00 AC

AUTH.	BY	REVISIONS	DATE

DAYTONA BEACH INTERNATIONAL AIRPORT
Daytona Beach, Florida

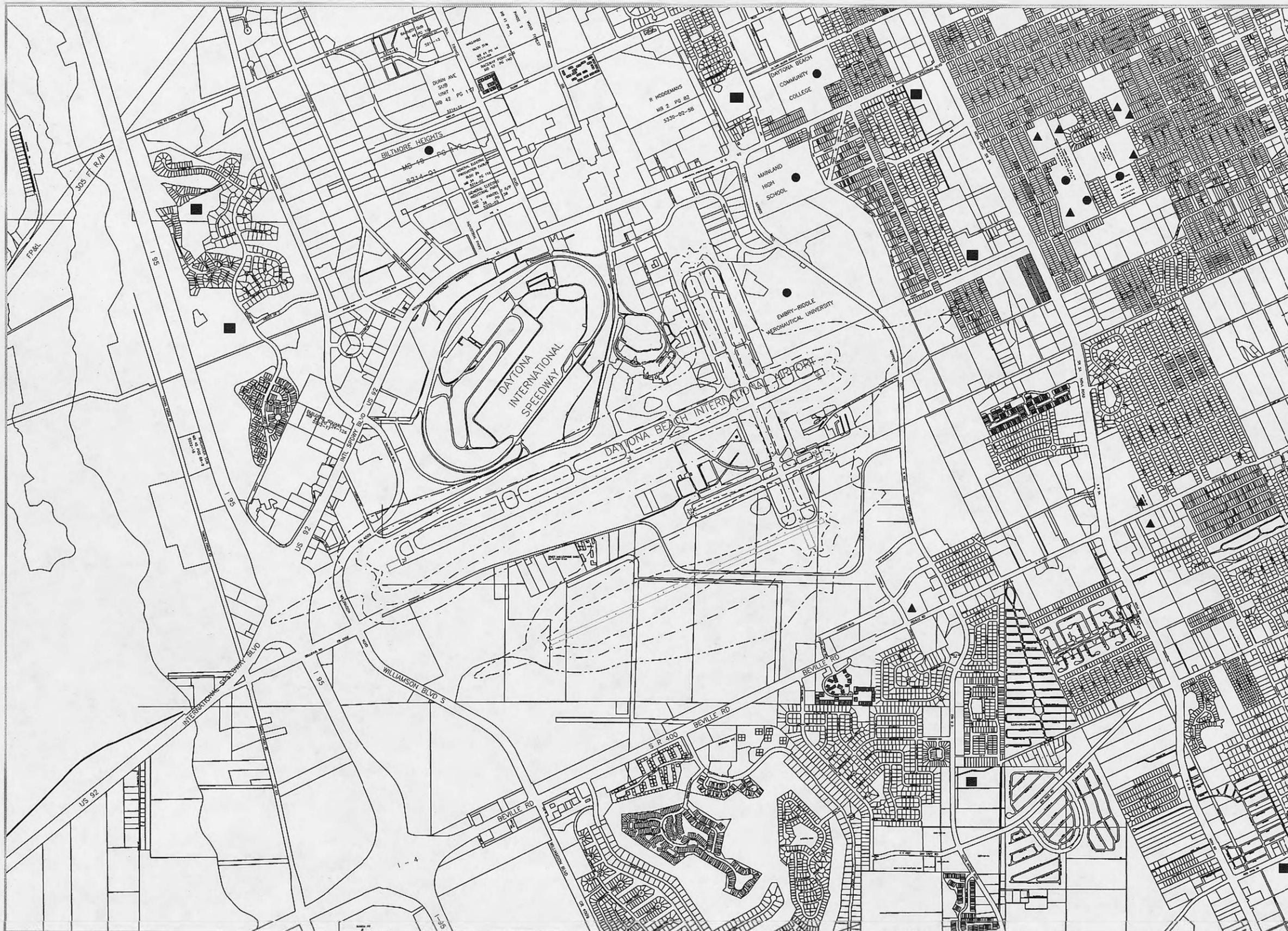
HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

PROJECT NAME
MASTER PLAN UPDATE STUDY

DRAWING TITLE
AIRPORT PROPERTY MAP

DATE: 06/07/02

DRAWING NO.
12 of 13



- LEGEND**
- NOISE CONTOURS**
- 65 Ldn
 - - - - - 70 Ldn
 - 75 Ldn
- NOISE SENSITIVE USES**
- Parks/Recreation & Cultural Facilities
 - Hospitals
 - ▲ Churches
 - Schools



AUTH.	BY	REVISIONS	DATE

DAYTONA BEACH INTERNATIONAL AIRPORT
Daytona Beach, Florida

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

PROJECT NAME: **MASTER PLAN UPDATE STUDY**

DRAWING TITLE: **VICINITY PLAN WITH 2020 DNL NOISE CONTOURS**

DATE: 07/06/02

DRAWING NO. 13 of 13