

## 6.0 REFERENCE DOCUMENTS

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### 6.1 AIRPORT LAYOUT PLANS (ALP)

The DOA Airport Layout Plans provide information useful in location and design of facilities and improvements, and are periodically updated to reflect current conditions. The current IAH ALP is illustration 6A of this manual.

### 6.2 AIRPORT DATUM

The Airport Datum is a listing of vertical and horizontal benchmarks provided by DOA.

### 6.3 STORM DRAINAGE MASTER PLAN

Storm Drainage Master Plans have been developed reflecting the Harris County Flood Control District Regulations. A copy is available from DOA Planning Division.

### 6.4 CODES AND REGULATIONS

#### INTRODUCTION

The Tenant is responsible for ensuring that construction documents have been prepared in conformance with the latest adopted edition of applicable codes, standards and regulations in force at the time of building permit application, including but not limited to the following:

#### 6.4.1 BUILDING CODES

- |     |                     |   |
|-----|---------------------|---|
| (a) | Building Code:      | City of Houston Building Code.                                      |
| (b) | Elevator Code:      | City of Houston Building Code.                                      |
| (c) | Accessibility Code: | City of Houston Building Code and Americans with Disabilities Act.  |
| (d) | Electrical Code:    | National Electrical Code with modifications by the City of Houston. |

- (e) Mechanical Code: Uniform Mechanical Code with modifications by the City of Houston.
- (f) Life Safety Code: City of Houston Building Code.
- (g) Fire Code: City of Houston Fire Code.
- (h) Plumbing Code: Uniform Plumbing Code with City of Houston modifications.

#### 6.4.2 FEDERAL AVIATION ADMINISTRATION

The following are regulations and standards set by the Federal Aviation Administration (FAA) regarding the siting and location of buildings, operational safety, security and construction procedures at airports. These publications are available for inspection at the Office of the Deputy Director of Aviation, or at the Federal Aviation Administration Airports District Office, 8800 Paul B. Koonce Drive, Houston, Texas, 77061.

- (a) FAA Advisory Circular 150/5300 "Airport Design Standards, Transport Airports."
- (b) FAA Advisory Circular 150/5320-6C, "Airport Pavement Design & Evaluation."
- (c) FAA Advisory Circular 150/5370-10, "Environmental Enhancement at Airports Industrial Waste Treatment."
- (d) FAA Advisory Circular 150/5370-2C, "Operational Safety on Airports During Construction," current edition.
- (e) FAA Advisory Circular 150/5370-10A, "Standards for Specifying Construction of Airports," current edition.
- (f) FAA Advisory Circular 150/5210-5, "Painting, Marking, and Lighting of Vehicles Used on Airports, current edition.

## 6.0 REFERENCE DOCUMENTS

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- (g) Federal Aviation Regulation (FAR) Part 139, "Certification and Operation: Land Airports Serving Certain Air Carriers," current edition.
- (h) Federal Aviation Regulation (FAR) Part 77, "Objects Affecting Navigable Air Space."
- (i) Federal Aviation Regulation (FAR) Part 107, "Airport Security."

Tenants and their contractors are advised to be familiar with the latest editions of these publications and to confirm that all regulations and standards have been met before proceeding with design and construction work.

### 6.4.3 DEPARTMENT OF AVIATION GUIDELINES

DOA issues from time to time Operating Instructions (O.I.) regarding the normal operations of the Airport. The Tenants are advised to be familiar with all O.I.'s relating to Tenant matters.

### 6.4.4 PUBLIC LAWS

The following public laws enacted by the State of Texas may be applicable to Tenant improvements at the airport:

- (a) Environmental:: Texas Clean Air Act 1979/1967
- (b) Water: Solid Waste Disposal Act
- (c) Flood Plain: Flood Control and Insurance Act
- (d) Underground Storage Tanks: Title 31, Texas Administrative Code Chapter 334, Underground and Above Ground Storage Tanks and all associated subchapters.

## 6.0 REFERENCE DOCUMENTS

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The following public law enacted by Harris County, Texas may be applicable to Tenant improvements at the airport:

- (a) Flood Control: Harris County Flood Control Regulations

The Tenant is responsible for identifying and determining laws which are applicable to each project. The laws noted above do not constitute the entire list of laws which may be applicable to Tenant projects.

### 6.4.5 NATIONAL STANDARDS

The following are among national standards which may apply to Tenant improvements at the Airport. The Tenant is advised to be familiar with the latest editions of these guidelines and follow them as a minimum standard in situations where other codes do not clearly define standards:

- (a) NFPA 409 Aircraft Hangars.
- (b) NFPA 415 Aircraft Fueling Ramp Drainage.
- (c) NFPA 416 Construction and Protection of Airport Terminal Buildings.
- (d) NFPA 417 Construction and Protection of Aircraft Loading Walkways.
- (e) NFPA 418 Rooftop Heliport Construction and Protection.
- (f) NFPA 423 Construction and Protection of Aircraft Engine Test Facilities.
- (g) NFPA 424M Airport/Community Emergency Planning.

## 6.0 REFERENCE DOCUMENTS

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### 6.4.6 FEDERAL REGULATIONS

- (a) Environmental Protection Agency (EPA A30/9-73-007). Process, Procedures, and Methods to Control Pollution resulting from all construction activity. October 1983, or latest edition.
  
- (b) Environmental Protection Agency (EPA/530-SW-85-023). The Interim Prohibition: Guidance for Design and Installation of Underground Storage Tanks, August 1986 OSWER DIR.9650.1, or latest edition.