

# TABLE OF CONTENTS

## 1 Introduction

1.01	Background and Purpose.....	9
1.02	Overview of the DCH.....	11
1.03	Processes.....	13
	(A) Project Initiation and Concept Review.....	13
	(B) Design Development & Progress Reviews.....	14
	(C) Construction Documents & Notice to Proceed (NTP) Review.....	14

## 2 Planning Criteria

2.01	Notes to the Project Sponsor.....	19
2.02	Tenant Requirements.....	23
2.03	5% Concept Review.....	27
2.04	Authorities Having Jurisdiction.....	29

## 3 Design Requirements

3.01	Notes to the Design Team.....	35
3.02	Protection of Historic Features.....	39
3.03	Exemption Request Process .....	45
3.04	Structural Design Requirements .....	47
3.05	Mechanical Design Requirements	
	(A) Mechanical Design.....	53
	(B) HVAC Equipment Quick Reference.....	67
	(C) Terminals HVAC Unit and Zoning Diagram .....	71
3.06	Electrical Design Requirements	
	(A) Electrical Design.....	73
	(B) Photovoltaic (PV) Power Systems .....	89
3.07	Plumbing Design Requirements	
	(A) Plumbing Design.....	93
	(B) Plumbing Equipment Quick Reference.....	105
3.08	Fire Protection Design Requirements	
	(A) Fire Protection Design.....	107
	(B) Fire Protection Equipment Quick Reference.....	109
3.09	Submetering Policy.....	111
3.10	LAWA Art Program Requirements.....	113
3.11	Public Restroom Design Requirements.....	121
3.12	Terminal Pet Area Design Requirements.....	133
3.13	Non-Public and Ramp Level Restroom Requirements.....	135
3.14	Roof Equipment, Access, and Utility Management Requirements.....	139
3.15	Information Technology (IT) Design Requirements.....	141
3.16	Tenant Wi-Fi Requirements.....	175
3.17	Baggage Handling System Requirements.....	177
3.18	Modular Building Design Requirements.....	185
3.19	Asset Data Requirements.....	187
3.20	FMCS Integration Design Requirements.....	191
3.21	Security Requirements.....	195

## 4 Guide Specifications

4.00	Division 00 - Procurement and Contracting Requirements.....	201
4.01	Division 01 - General Requirements.....	205
4.02	Division 02 - Existing Conditions.....	275
4.03	Division 03 - not used	
4.04	Division 04 - not used	
4.05	Division 05 - Metals.....	279
4.06	Division 06 - Wood, Plastics, and Composites.....	293
4.07	Division 07 - Thermal and Moisture Protection.....	297
4.08	Division 08 - Openings.....	307
4.09	Division 09 - Finishes.....	359
4.10	Division 10 - Specialties.....	451
4.11	Division 11 - Equipment.....	483
4.12	Division 12 - Furnishings.....	489
4.13	Division 13 - not used	
4.14	Division 14 - Elevators, Escalators, and Moving Walkways.....	503
4.15	Division 15 - not used	
4.16	Division 16 - not used	
4.17	Division 17 - not used	
4.18	Division 18 - not used	
4.19	Division 19 - not used	
4.20	Division 20 - not used	
4.21	Division 21 - Fire Suppression.....	629
4.22	Division 22 - Plumbing.....	659
4.23	Division 23 - Heating, Ventilation, Air-Conditioning (HVAC).....	829
4.24	Division 24 - not used	
4.25	Division 25 - Integrated Automation.....	1105
4.26	Division 26 - Electrical.....	1169
4.27	Division 27 - Telecommunications.....	1451
4.28	Division 28	
	(A) Electronic Safety and Security Systems (Excludes IT).....	1709
	(B) IT Electronic and Security Systems (Low Voltage).....	1751
4.29	Division 29 - not used	
4.30	Division 30 - not used	
4.31	Division 31 - Earthwork.....	1865
4.32	Division 32 - not used	
4.33	Division 33 - Site Utilities.....	1871

## 5 Construction Requirements

5.01	Notes to the Construction Team.....	1951
5.02	Quality Control & Quality Assurance.....	1955
5.03	Coordination, Phasing, and Logistics.....	1957
5.04	Commissioning & Activation Requirements.....	1963
5.05	Hot Tapping and Pipe Connections.....	1965
5.06	Asset Labeling Requirements.....	1967
5.07	Deviation (Exemption) Request Procedure (see section 3.03)	
5.08	Temporary Barricade and Enclosure Standards (see section 4.01)	
5.09	Temporary Signage Standards (see section 4.01)	

## 6 Project Management

6.01 Project Management Overview.....	1971
---------------------------------------	------

## 7 Environmental

7.01 Sustainability.....	1975
7.02 The National Environmental Protection Act (NEPA) and California Environmental Quality Act (CEQA) Reviews.....	1981
7.03 Low Impact Development (LID).....	1989

## 8 Miscellaneous

8.01 Van Nuys Airport (VNY) Airport Operation Requirements.....	1993
---	------

## 9 Attachments and Reference Data

9.01 Project Controls-Minimum Requirements	
9.02 Design Submittal Requirements	
9.03 LAWA Construction Safety Program Requirements	
9.04 Shutdown Control Center (SCC)	
9.05 LAX Design Guidelines	
9.06 Construction Storm Water Pollution Prevention	
9.07 Preservation Plan	
9.08 Graphic Examples of Phasing Plan	
9.09 Graphic Examples of Site Logistics Plan	
9.10 CALM Checklist	
9.11 LAWA Survey Standards	
9.12 LAX HVAC Zoning Diagram	
9.13 LAX Terminal Core and Facade Design Requirements	
9.14 LAWA Wayfinding & Signage Standards	
9.15 Removed	
9.16 LAX Facility Naming Convention	
9.17 Asset Data Dictionary	
9.18 LAWA Airfield Design Provisions	
9.19 LAWA Standard Plans for Airfield Projects	
9.20 LAWA Standard Pavement Sections	
9.21 Aircraft Terminal Parking Positions Striping Checklist	
9.22 LAX Northside Design Guidelines	
9.23 VNY Signage Guidelines	
9.24 Antenna Policy	
9.25 IT Infrastructure Standards of Practice	
(A) Volume 1-Introduction, Locations, and Spaces	
(B) Volume 2-Backbone and Horizontal Distribution and Common Elements	
(C) Volume 3-Administration and Appendices	
9.26 Terminal Planning Guidelines for Submittals to Cultural Affairs	

## 10 Building Information Modeling (BIM), Geospatial, Data, and Drawing Requirements

- 10.01 BIM, Data, and Drawing Requirements
  - (A) LAWA BIM Standards
  - (B) LAWA BIM Library
- 10.02 IT Data and Drawing Requirements
  - (A) Guideline to Mobile Indoor Laser Scanning and 360 Imagery
  - (B) CAD Layer List
  - (C) CAD Standards
  - (D) Data Waiver Form
  - (E) Electronic Data Interchange Standards (EDI)
  - (F) GIS Standards
  - (G) LAWA Electronic Drawing Archive Accessing Procedure
  - (H) Meta Data Standards
  - (I) Photogrammetry Standards
  - (J) Request for Variance (IMT)