

2022 Design and Construction Handbook Technical Changes

Section	Title	Specification	PDF Page No.	Change
2.04	Authorities Having Jurisdiction		31	Section 1.7: Updated language and procedure regarding Cultural Affairs
3.07A	Plumbing Requirements		94	Section 1.3(B)(5): Added language for tenant sewer / drain lines to connect only to LAWA main sewer lines.
3.07A	Plumbing Requirements		95	Section 1.3(F): Added Fire Control Room to list of rooms that shall not have utilities running over the space.
3.08A	Fire Protection Design Requirements		107	Section 1.5(A): Added air sampling requirement for new work done in existing spaces that interfere with access to existing smoke detectors.
3.11	Public Restroom Design Requirements		129	Section 1.14(O): New requirement to provide door closure delays on single occupancy restrooms.
3.19	Asset Data Requirements		187	Renamed to Asset DATA Requirements, which includes naming (old title)
3.19	Asset Data Requirements		187	Updated asset naming convention per coordination with LAWA Shops
3.19	Asset Data Requirements		187	Discontinued term FSC_ID in favor of 'LAWA Asset Name'
3.19	Asset Data Requirements		188	Moved Maximo data (e-form) requirement from the Asset Data Dictionary (DCH section 9.15) to section 3.19
4.01	General Requirements	01 43 00 - Quality Assurance	219-220	Section 1.1(D): Added clarification and requirements for LAWA Inspections
4.01	General Requirements	01 78 00- Closeout Submittals	238	Section 1.1: Added File Naming Convention for closeout documents
4.01	General Requirements	01 78 00- Closeout Submittals	238	Section 1.1: Revise title for #8 & #9. Add New title #9 "Asset Photos".
4.01	General Requirements	01 78 00- Closeout Submittals	238	Section 1.1: Added title "Location Room Schedule"
4.01	General Requirements	01 78 00- Closeout Submittals	244	Section 1.9: Add section "B." for submittal date requirement of asset data e-forms
4.01	General Requirements	01 78 00- Closeout Submittals	244	Section 1.9: Revise verbaige in section "A." and "C."
4.01	General Requirements	01 78 00- Closeout Submittals	244	Section 1.9: Remove sections "C." (old), "E." (old), "G.", "F."
4.01	General Requirements	01 78 00- Closeout Submittals	244	Section 1.9(B): Added Location Room Schedule
4.01	General Requirements	01 78 00- Closeout Submittals	244	Section 1.10: Update title from "Equipment" to "Asset"
4.01	General Requirements	01 78 00- Closeout Submittals	245	Section 1.11: New section.
4.01	General Requirements	01 78 00- Closeout Submittals	245	Section 1.12: New Section
4.07	Thermal and Moisture Protection	07 54 19 - Single Ply PVC Reroofing	300	Section 1.8(C): Added to sequence of work, to avoid affecting newly installed roof and necessary protection to prevent damage during construction.
4.10	Specialties	10 21 13 - Toilet Compartments	451-452	Section 2.2 & 2.3: Added anchorage material used to connect compartments to the building to be stainless steel.

4.21	Fire Suppression	21 22 00 - Clean Agent Fire Suppression System	655	Section 2.6(A) Replaced FM 200 with Novec 1230 clean agent
4.23	Heating, Ventilation, Air Conditioning (HVAC)	23 21 13 - Hydronic Piping	906	Section 2.2(B)(2): Identified the materials for coupling bolts, nuts, and washers, to be stainless steel.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1565	Section 1.1: (E) Simplified this paragraph to make it simple and clearer to avoid confusion to tenant.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1565	Section 1.1: (F) Rephrased this paragraph to make it simple and clearer to avoid confusion to tenant.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1566	Section 1.2: (A) (27) (a) DHCP moved to 1.2 A (Glossary), insert in between DEC and EIA.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1568	Section 1.3: (B) (1) (b) Added wordings and specified the Section to make the requirement clearer.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1569	Section 1.4: (A) Corrected the paragraph number from 3 to 5.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1569	Section 1.5: (A) Added the wordings to clarify the spare part and SmartNet requirement for Wi-Fi equipment purchased by projects.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1569-1570	Section 1.5: (B) Updated the list of LAWA current approved Wi-Fi equipment.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1572	Section 2.1: (G) Corrected to clarify all above is (A to F).
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1574	Section 3.1: (A) Modified and added wordings to make the statement clearer.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1574	Section 3.1: (B) (2) Added words to restate tenant's responsible to its wireless connection.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1575	Section 3.1: (B) (12) Added words to restate tenant's responsible to its wireless equipment routing traffic.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1575	Section 3.1: (B) (13) Added words to restate tenant's responsible to its wireless connection to the Internet Service Provider and to LAWA network.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1580	Section 5.6: (C) (4) Added the Roaming test. Therefore, it moved the current section 5.6 (C) (4) to become 5.6 (C) (5). Thus, now we had 20 pages total instead of 19 pages total.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1582	Section 5.10: (A) Corrected spelling.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1582	Section 5.11: (A) Simplified and Amended from 500 to 200 credits.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1582	Section 5.11: (B) (4) Corrected to clarify the types of files.
4.27	Division 27 Telecommunications	27 21 33 - Wireless Communications	1582	Section 5.11: (C) Changed from four to eight weeks.
4.28	Electronic Safety and Security Systems (Excludes IT)	28 08 00 - Commissioning Fire Detection and Alarm System	1710	Section 1.4(R): Replaced Fm 200 with Novec 1230
4.28	Electronic Safety and Security Systems (Excludes IT)	28 31 00 - Fire Detection and Alarm	1719	Section 1.4(M)(2)(d)(6): Added requirement for pull covers without horns
4.28	Electronic Safety and Security Systems (Excludes IT)	28 31 00 - Fire Detection and Alarm	1745	Removed references to FM 200 and replaced with the term "clean agent."
4.31	Earthwork	31 23 33 - Trenching and Backfilling	1865-1870	Updated references to the Greenbook to the "2021 Greenbook as modified by the Brownbook."
4.33	Site Utilities	33 11 00 - Water Utility Distribution Piping	1871	Updated references to the Greenbook to the "2021 Greenbook as modified by the Brownbook."
4.33	Site Utilities	33 31 00 - Sanitary Utility Sewerage Piping	1877	Updated references to the Greenbook to the "2021 Greenbook as modified by the Brownbook."
4.33	Site Utilities	33 39 13 - Sanitary Sewerage Manholes, Graves, and Covers	1912-1913	Updated references to the Greenbook to the "2021 Greenbook as modified by the Brownbook."

4.33	Site Utilities	33 41 00 - Storm Drainage Piping	1916	Updated references to the Greenbook to the "2021 Greenbook as modified by the Brownbook."
4.33	Site Utilities	33 49 13 - Storm Drainage Manholes, Frames, and Covers	1923-1924	Updated references to the Greenbook to the "2021 Greenbook as modified by the Brownbook."
5.01	Notes to Construction Team		1952-1953	Added information for barricades and wayfinding and additional information to be used during construction.
5.03	Coordination, Phasing, and Logistics		1957	Intro: Added the Construction Hotline to the description of CALM.
5.03	Coordination, Phasing, and Logistics		1958-1962	Added additional information for CALM, ASR, and Landside Access Modernization Program Mitigation Plan.
9.03	LAWA Construction Safety Program Requirements		Throughout	Revised entire document.
9.14	LAWA Wayfinding and Signage Standards		28-29	Remove subsection about room numbering in Chapter 3. Instead, point to the Facility Naming Convention.
9.14	LAWA Wayfinding and Signage Standards		11 / 152	Section 1.06 & 5.106: Added code to No Smoking sign (CALIFORNIA GOVERNMENT CODE SECTIONS 7596-7598)
9.14	LAWA Wayfinding and Signage Standards		28	Section 3.01: Add section "Numbering Strategy for Doors".
9.14	LAWA Wayfinding and Signage Standards		30	Section 4.01: PMS Colors number from 23305 to MP23302 (updated to the correct PMS number)
9.14	LAWA Wayfinding and Signage Standards		34	Section 4.05: Updated graphics on Fire Extinguisher (missing pinhole on symbol)
9.14	LAWA Wayfinding and Signage Standards		34 / 88	Section 4.05 & 5.42: Add "Water Station" symbol
9.14	LAWA Wayfinding and Signage Standards		77 / 139	Section 5.31 & 5.93: Escalator Directory Pylon to match the design of elevator directory (new graphics)
9.14	LAWA Wayfinding and Signage Standards		81	Section 5.35: EV signs code (updated to the correct code)
9.14	LAWA Wayfinding and Signage Standards		152	Section 5.106: Function section, spelling correction (regulation)
9.14	LAWA Wayfinding and Signage Standards		157	Section 5.111: Door Tag Identity (update dimension and graphics)
9.14	LAWA Wayfinding and Signage Standards		159	Updated door tag page
9.14	LAWA Wayfinding and Signage Standards		173	Section 5.127: Restroom Vestibule Symbol (add a radius to woman pictogram)
9.16	Facility and Building Space Naming Convention		Throughout	Updated "Prepared by" to cBIM
9.16	Facility and Building Space Naming Convention		Throughout	Renamed to Facility Naming Convention.
9.16	Facility and Building Space Naming Convention		3	Reorganized the document. Building and Airfield conventions now are their own sections. The convention on old section 3.2 was kept and rebranded as new section 3.13 Miscellaneous See on p. 3 where it says "EXCEPTIONS: Buildings and airfield features"
9.16	Facility and Building Space Naming Convention		4	Section 3.2: Naming convention for utilities moved from BIM Standards to new Section 3.2
9.16	Facility and Building Space Naming Convention		6	Section 3.3: Updated the room numbering convention
9.16	Facility and Building Space Naming Convention		7	Section 3.4: Updated the door numbering convention, keeping the existing exceptions for main terminal doors
9.16	Facility and Building Space Naming Convention		9	Section 3.9: Replaced language to require QR codes instead of barcodes. Clarified roles & responsibilities for LAWA and GC/Tenant teams.
9.16	Facility and Building Space Naming Convention		9	Section 3.10: Old Section 3.2.1 (treated as an exception in p. 3-4) now its own section 3.10 GIS Building Name
9.16	Facility and Building Space Naming Convention		9	Section 3.10: Old Section 3.2.2 (treated as an exception in p. 3) now its own section 3.11 Airfield Features Naming

10.01	BIM Standards		BIM LOD Matrix	Updated list of assets that require e-forms per coordination with AMU
10.01	BIM Standards		Drawing Titleblocks	Updated Revit and AutoCAD Titleblocks
10.01	BIM Standards		BIM Execution Plan Template	Updated language. Removed term FSC_ID in favor of LAWA Asset Name per coordination with AMU.