Hampton - Brand Standards - North America 2500 - Design, Construction & Renovation Standards

06 July 2026

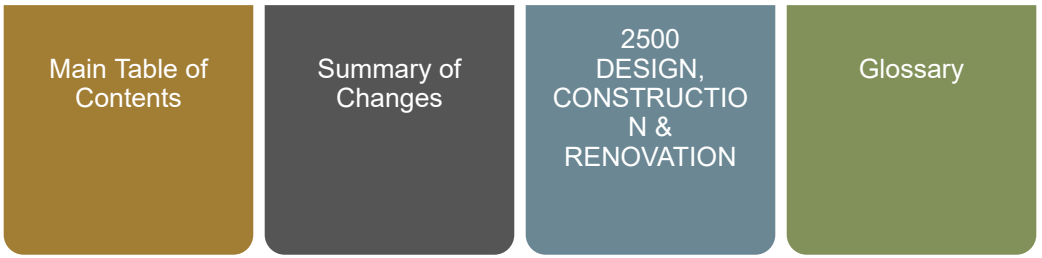


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Hampton Standards - North America 2500 - Design, Construction & Renovation Standards



Hampton Brand Standards - North America 2500 - Design, Construction & Renovation Standards
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Hampton - North America 2500 - Design, Construction & Renovation Standards Preface

This Standards Manual ("**Manual**") has been developed to provide the Owner (as defined below) of the Hotel with the required minimum standards, procedures, rules, regulations, policies, and techniques (the "**Brand Standards**") of the Hampton by Hilton ("**Brand**") focused service brand system (the "**System**"). To achieve and maintain high standards of quality and service and associated goodwill for the System, it is essential that Owner strictly adhere to all elements of the System, including, without limitation, the Manual and the Owner's Agreement. Notwithstanding anything in this Manual to the contrary, the policies contained in the Resources to this Manual are not required to be adopted by a franchised Hotel as long as the Hotel adopts a policy covering the subject matter in the attachment that meets all legal requirements.

All references in this Manual to "**Owner**" refer to the Owner operating under a License Agreement or Franchise Agreement (which may be the owner of the Hotel) or the owner under a Management Agreement, as applicable, with the Brand (the "**Agreement**"). All references in this Manual to the "**Hotel**" refer to the Hotel that has been provided with this Manual. At times this Manual imposes obligations on the Hotel that are essential to the System. Owner is responsible for ensuring the hotel's compliance with those obligations. All references in this Manual to the "**Brand**" refer to Hilton Franchise Holding LLC or HLT Existing Franchise Holding LLC if the hotel is designated as a USA hotel. Otherwise, these references refer to Hilton Worldwide Franchising LP. All references to Hilton Worldwide refer to Hilton Worldwide, Inc.

These Brand Standards are subject to change, amendment, or supplement from time to time by the Brand. The Brand has the sole and absolute discretion to grant exceptions to these Brand Standards as it deems appropriate.

These Brand Standards are designed to protect the System and the trademarks and service marks associated with the System, and not to control the day-to-day operation of the Hotel. Owner at all times will remain responsible for the operation of the Hotel, and all activities occurring at the hotel. Owner must hire and train its own employees. The Brand is not responsible for and does not direct or control the conduct of any Hotel employee.

Owner must comply with and maintain the Brand Standards at a level equal to or greater than as set forth in this Manual. Violation of any of these Brand Standards by Owner shall constitute default of Owner's Agreement and would allow the Brand to take all necessary action to protect the integrity of the System.

This Manual is the property of the Brand and is provided to Owner for use and reference during the term of its Agreement with the Brand. Additions and modifications to this Manual will be posted at a website of which the Brand will provide Owner notice, or will be sent to Owner, and Owner must comply with these additions and modifications to the same extent as if set forth in this Manual at this time. For the avoidance of any doubt, any such additions or modifications set forth at such a website are incorporated herein by reference.

Owner must maintain the confidentiality of the Manual. Upon termination of its Agreement, Owner must return this Manual and all other confidential material owned, created, or used by the Brand without retaining any photocopies.

At or about the time Owner executes the Agreement, the Brand will place Owner in a Region set forth below. The Region that Owner is placed in is within the sole and absolute discretion of the Brand and may be modified from time to time. Owner must comply with all Brand Standards applicable to that Region, which includes those Brand Standards that are not limited by Region.

For the avoidance of any doubt, if the applicability of a Brand Standard or a section of a Brand Standard is limited to a specific Region and the Owner has not been placed in that Region, then the Brand Standard or section, as the case may be, is not applicable to the Owner. Conversely, if the Owner has been placed in that Region, the Owner must comply with the Brand Standard or section.

For the avoidance of doubt, wherever it is stated in this Brand Standards Manual that certain requirements/specifications would apply where the Hotel has or decides/elects to have certain elements, whether the Hotel has or will have such elements is to be determined in the sole discretion of Hilton Worldwide.

Portable Document Format (PDF) Disclaimer

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Hampton - North America 2500 - Design, Construction & Renovation Standards Preface

The information contained in the portable document format (PDF) version of this manual represents the brand standards as of the effective date. Hilton Worldwide reserves the right, at our sole and absolute discretion, to change modify, add or remove portions of these standards at any time. These brand standards should be used for internal purposes only and may not be publicly distributed. This PDF contains confidential information and any unauthorized disclosure, copying or distribution of this material is strictly prohibited.

Hampton - Summary of Changes

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
2500.00.C	Hotels which are being newly built or existing hotels within the Hilton portfolio that are undergoing remodeling, refurbishment or renovation or which have an addition (as set out above and for which the DCR Standards are therefore partially engaged in respect of the components of that project) must receive prior approval for their design. In respect of those parts of a project for which the DCR Standards are engaged but for which Hilton confirms that the works undertaken do not need to comply with the relevant DCR Standards (such confirmation to be given, or not, in Hilton's discretion), then a waiver letter or approval may be given by Hilton. Submittals must be compiled by a licensed architectural firm and/or licensed interior design firm. Submittals must be sent to Hilton Design via Hilton's Project HUB. The Design team will assist with all requirements of the process. Contact Hilton Design for assistance, including a recommendation of design firms.	Hotels which are being newly built or existing hotels within the Hilton portfolio that are undergoing remodeling, refurbishment or renovation or which have an addition (as set out above and for which the Design, Construction & Renovation Standards are therefore partially engaged in respect of the components of that project) must receive prior approval for their design. In respect of those parts of a project for which the Design, Construction & Renovation Standards are engaged but for which Hilton confirms that the works undertaken do not need to comply with the relevant Design, Construction & Renovation Standards (such confirmation to be given, or not, in Hilton's discretion), then a waiver letter or approval may be given by Hilton. Submittals must be compiled by a licensed architectural firm and/or licensed interior design firm. Submittals must be sent to Hilton Design via Hilton's Project HUB. The Design team will assist with all requirements of the process. Contact Hilton Design for assistance, including a recommendation of design firms.	Revision	Puerto Rico | Canada | United States
2500.00.C	Hotels which are being newly built or existing hotels within the Hilton portfolio that are undergoing remodeling, refurbishment or renovation or which have an addition (as set out above and for which the DCR Standards are therefore partially engaged in respect of the components of that project) must receive prior approval for their design. In respect of those parts of a project for which the DCR	Hotels which are being newly built or existing hotels within the Hilton portfolio that are undergoing remodeling, refurbishment or renovation or which have an addition (as set out above and for which the Design, Construction & Renovation Standards are therefore partially engaged in respect of the components of that project) must receive prior approval for their design. In respect of those parts of a project for which the Design,	Revision	Caribbean | Central America | Mexico | South America | China

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
	Standards are engaged but for which Hilton confirms that the works undertaken do not need to comply with the relevant DCR Standards (such confirmation to be given, or not, in Hilton's discretion), then a waiver letter or approval may be given by Hilton. Submittals must be compiled by a licensed architectural firm and/or licensed interior design firm. Completed submittals must be sent to the Hilton GDS (Global Design Services) Director assigned to the particular hotel development. The Design Director will assist with all requirements of the process. Contact GDS for assistance, including a recommendation of design firms.	Construction & Renovation Standards are engaged but for which Hilton confirms that the works undertaken do not need to comply with the relevant Design, Construction & Renovation Standards (such confirmation to be given, or not, in Hilton's discretion), then a waiver letter or approval may be given by Hilton. Submittals must be compiled by a licensed architectural firm and/or licensed interior design firm. Completed submittals must be sent to the Hilton design manager assigned to the particular hotel development. The Hilton design manager will assist with all requirements of the process. Contact Hilton Design for assistance, including a recommendation of design firms.		
2500.00.D	Processes regarding the design, construction, pre opening and opening phases of a new or conversion hotel, or a hotel within the Hilton portfolio undergoing a renovation, must be followed. These processes establish the framework around which reviews and approvals are conducted. The AD&C [Architecture Design & Construction] Project Review and Approval Process document outlines these processes including required submittals. The document may be obtained from https://designinformation.hilton.com.	Processes regarding the design, construction, pre-opening and opening phases of a new or conversion hotel, or a hotel within the Hilton portfolio undergoing a renovation, must be followed. These processes establish the framework around which reviews and approvals are conducted. The AD&C [Architecture Design & Construction] Project Review and Approval Process documents outline these processes including required submittals. These documents may be obtained from https://designinformation.hilton.com.	Revision	Caribbean | Central America | Mexico | South America | Asia Pacific
2501.06.H.1	Parking stalls must be a minimum of 18'-0"/5 m long. A maximum of 25 percent of the parking stalls may be compact stalls. Assure maneuverability.	Parking stalls must be a minimum of 18'-0"/5.5 m long. A maximum of 25 percent of the parking stalls may be compact stalls. Assure maneuverability.	Revision	Americas | Asia Pacific | Middle East and Africa
2501.06.J.6		Payment Stations a. Payment stations must be provided at the front desk, an automatic pay station or at a manned parking control booth. b. Automatic pay stations must be clearly visible with signage explaining tariffs and use.	Addition	Caribbean | Central America | Mexico | South America | Europe |

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
		c. Automatic pay stations must consist of LED/LCD display, coin acceptance, banknote acceptance, credit card acceptance, sufficient recycling coin tubes, lost ticket facility, barcode ticket reader, battery backup memory, receipt printer, intercom call point, two coin safes per machine and two note safes per machine.		Middle East and Africa
2501.06.J.6	Payment Stations	Payment Stations a. Payment stations must be provided at the front desk, an automatic pay station or at a manned parking control booth. b. Automatic pay stations must be clearly visible with signage explaining tariffs and use. c. Automatic pay stations must consist of LED/LCD display, coin acceptance, banknote acceptance, credit card acceptance, sufficient recycling coin tubes, lost ticket facility, barcode ticket reader, battery backup memory, receipt printer, intercom call point, two coin safes per machine and two note safes per machine.	Revision	Caribbean | Central America | Mexico | South America | Europe | Middle East and Africa
2501.06.J.6.a	Payment stations must be provided at the front desk, an automatic pay station or at a manned parking control booth.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America | Europe | Middle East and Africa
2501.06.J.6.b	Automatic pay stations must be clearly visible with signage explaining tariffs and use.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America | Europe | Middle East and Africa

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
2501.06.J.6.c	Automatic pay stations must consist of LED/LCD display, coin acceptance, banknote acceptance, credit card acceptance, sufficient recycling coin tubes, lost ticket facility, barcode ticket reader, battery backup memory, receipt printer, intercom call point, two coin safes per machine and two note safes per machine.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America | Europe | Middle East and Africa
2501.06.J.7	Parking Control Booths	Parking Control Booths a. Manned parking control booths are optional. b. Booths must have heating, ventilation and refrigerant air conditioning. c. Booths must have electrical and data connections for property management system and a telephone outlet.	Revision	Caribbean | Central America | Mexico | South America | Europe | Middle East and Africa
2501.06.J.7.a	Manned parking control booths are optional.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America | Europe | Middle East and Africa
2501.06.J.7.b	Booths must have heating, ventilation and refrigerant air conditioning.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America | Asia Pacific | Europe | Middle East and Africa
2501.06.J.7.c	Booths must have electrical and data connections for property management system and a telephone outlet.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
				America | Europe | Middle East and Africa
2501.06.K.1	Provide minimum of two EV charging stations. Charging stations must have both universal and proprietary charging capabilities.	Provide minimum of two EV charging stations. Charging stations must have both universal and proprietary charging capabilities. A minimum of one of these EV charging stations must be designed for accessible access unless more are required by the local jurisdiction. 1) The EV charging station must be positioned for accessible use. 2) A striped area no less than 5'-0"/1.5 m wide next to the vehicle must be available for ADA access to the EV charging station, 3) This parking space is not required to display the International Symbol of Access and should not be considered as one of the property's ADA parking stalls, unless required by the local jurisdiction.	Revision	Puerto Rico | Canada | United States
2501.06.K.1.a	A minimum of one of these EV charging stations must be designed for accessible access unless more are required by the local jurisdiction. 1) The EV charging station must be positioned for accessible use. 2) A striped area no less than 5'-0"/1.5 m wide next to the vehicle must be available for ADA access to the EV charging station, 3) This parking space is not required to display the International Symbol of Access and should not be considered as one of the property's ADA parking stalls, unless required by the local jurisdiction.	Content Deleted	Deletion	Puerto Rico | Canada | United States
2501.06.K.5	Features must include the following:	Features must include the following: 24/7 driver assistance through EV charging provider.	Revision	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
		Notifications to driver of charge status including completion or interruption of charge. Cord management system including long reach and storage. Universal charging capabilities.		
2501.06.K.5.b	24/7 driver assistance through EV charging provider.	Content Deleted	Deletion	Puerto Rico | Canada | United States
2501.06.K.5.d	Notifications to driver of charge status including completion or interruption of charge.	Content Deleted	Deletion	Puerto Rico | Canada | United States | Europe | Middle East and Africa
2501.06.K.5.e	Cord management system including long reach and storage.	Content Deleted	Deletion	Puerto Rico | Canada | United States | Europe | Middle East and Africa
2501.06.K.5.f	Universal charging capabilities.	Content Deleted	Deletion	Puerto Rico | Canada | United States
2502.02.P.5.a	A communal sofa grouping must be provided with integrated convenience power. Vinyl is not permitted. Back pitch not to exceed 99 degrees maximum.	A communal sofa grouping must be provided with integrated convenience power. Back pitch not to exceed 99 degrees maximum.	Revision	Puerto Rico | Canada | United States
2503.00.H.1.c	Sanitary napkin disposal trash bin (in women’s restroom).	Sanitary napkin disposal trash bin within each water closet stall (in multi-stall women's restroom).	Revision	Puerto Rico | Canada | United States
2504.01.V.8	One (1) plumbed emergency eyewash station that complies with ANSI/ISEA (www.ansi.org) or country recognized safety equivalent with floor drain in the kitchen.	Content Deleted	Deletion	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
	See order forms on Hilton's The Lobby website for these and optional equipment.			
2504.01.Z.1.e	One (1) convection oven with mobile stand. See order forms on Hilton's The Lobby website for these and optional equipment.	One (1) Moffat E32D5 ventless convection oven.	Revision	Puerto Rico | Canada | United States
2504.04.U	The bar must comply with the following: (Refer to the prototype drawings for specifics.)	The bar must comply with the following: (Refer to the prototype drawings for specifics.) The bar counter must be a permanent fixture. The customer countertop of the HUB must have the same finishes as the Front Desk. Provide footrests and purse hooks. The team member side countertop must be stainless steel.	Revision	Caribbean | Central America | Mexico | South America
2504.04.U.1	The bar counter must be a permanent fixture.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America
2504.04.U.2	The customer countertop of the HUB must have the same finishes as the Front Desk.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America
2504.04.U.3	Provide footrests and purse hooks.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America
2504.04.U.4	The team member side countertop must be stainless steel.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
2507.02.O	Operable Partitions	Operable Partitions Operable partitions must be stacked behind a concealed door in a closet when not in use. Closet doors must match the surrounding wall finish.All operable partitions must be top-supported and have a laboratory STC of 52 minimum and field-tested NIC 42. A permanent acoustical separation, having a rating of not less than STC 52, must be installed above each operable partition and extend to the underside of the structure above. Provide a positive bulb-seal type mechanical closure (hinged closure not acceptable) with minimum 250 lbs/113 kgs pressure. Provide sufficient structural support in abutting walls to compensate for this requirement. Provide hard surfaced, flush walls with sufficient structural support where operable partitions terminate to ensure proper bedding of joint seal. Operable partitions must be standard steel construction with minimum 24 gauge steel faces and sound-retardant core assembled to minimum 16 gauge reinforced steel frame, insulated to achieve acoustical performance specified. Seal all wiring and piping penetrations above operable partitions. Operable partitions are allowed to be covered with decorative acoustical fabric, wall covering or timber finishes. Discreet metal edging strips must be used to protect the finishes.	Revision	Puerto Rico | Canada | United States
2507.02.O	Operable Partitions	Operable Partitions Operable partitions must be stacked behind a concealed door in a closet when not in use. Closet doors must match the surrounding wall finish. All operable partitions must be top-supported with drop-down floor seals. Provide a positive bulb-seal type mechanical closure	Revision	Caribbean | Central America | Mexico | South America | Asia Pacific | Europe |

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
		(hinged closure not acceptable) with minimum 250 lbs/113 kgs pressure. Provide sufficient structural support in abutting walls to compensate for this requirement. Provide hard surfaced, flush walls with sufficient structural support where operable partitions terminate to ensure proper bedding of joint seal. Operable partitions must be standard steel construction with minimum 24 gauge steel faces and sound-retardant core assembled to minimum 16 gauge reinforced steel frame, insulated to achieve acoustical performance specified. Seal all wiring and piping penetrations above operable partitions. Operable partitions are allowed to be covered with decorative acoustical fabric, wall covering or timber finishes. Discreet metal edging strips must be used to protect the finishes.		Middle East and Africa
2507.02.O.1	Operable partitions must be stacked behind a concealed door in a closet when not in use. Closet doors must match the surrounding wall finish.	Content Deleted	Deletion	Global
2507.02.O.2	All operable partitions must be top-supported and have a laboratory STC of 52 minimum and field-tested NIC 42. A permanent acoustical separation, having a rating of not less than STC 52, must be installed above each operable partition and extend to the underside of the structure above.	Content Deleted	Deletion	Puerto Rico | Canada | United States
2507.02.O.2	All operable partitions must be top-supported with drop-down floor seals.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America | Asia Pacific | Europe |

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
				Middle East and Africa
2507.02.O.3	Provide a positive bulb-seal type mechanical closure (hinged closure not acceptable) with minimum 250 lbs/113 kgs pressure. Provide sufficient structural support in abutting walls to compensate for this requirement.	Content Deleted	Deletion	Global
2507.02.O.4	Provide hard surfaced, flush walls with sufficient structural support where operable partitions terminate to ensure proper bedding of joint seal.	Content Deleted	Deletion	Global
2507.02.O.5	Operable partitions must be standard steel construction with minimum 24 gauge steel faces and sound-retardant core assembled to minimum 16 gauge reinforced steel frame, insulated to achieve acoustical performance specified.	Content Deleted	Deletion	Global
2507.02.O.7	Seal all wiring and piping penetrations above operable partitions.	Content Deleted	Deletion	Global
2507.02.O.8	Operable partitions are allowed to be covered with decorative acoustical fabric, wall covering or timber finishes. Discreet metal edging strips must be used to protect the finishes.	Content Deleted	Deletion	Global
2507.02.S.7.b	The following equipment must be provided:	The following equipment must be provided: Provide a minimum of one wall mounted television with connectivity to MATV system and a table connection, or else provide a ceiling recessed, electronically-operated projection screen with controls located near lighting controls. Monitor and screen sizes must be scaled proportionately to the room capacity/dimensions. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09. Each television requires a grounded power outlet (socket outlet), CAT6 cable and coaxial cable.	Revision	Caribbean | Central America | Mexico | South America

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
		Projector, if projection screen provided, must be motorized and ceiling recessed if permanent.		
2507.02.S.7.b.1	Provide a minimum of one wall mounted television with connectivity to MATV system and a table connection, or else provide a ceiling recessed, electronically-operated projection screen with controls located near lighting controls. Monitor and screen sizes must be scaled proportionately to the room capacity/dimensions. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09. Each television requires a grounded power outlet (socket outlet), CAT6 cable and coaxial cable.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America
2507.02.S.7.b.2	Projector, if projection screen provided, must be motorized and ceiling recessed if permanent.	Content Deleted	Deletion	Caribbean | Central America | Mexico | South America
2507.03.K.7	Window Treatment - Refer to 2515.03 for additional requirements.	Window Treatment - Refer to 2515.03 for additional requirements. Provide decorative window treatment with blackout capability.	Revision	Global
2507.03.K.7.a	Provide decorative window treatment with blackout capability.	Content Deleted	Deletion	Global
2508.03.L.6	Direct access from the hotel into the fenced enclosure of an outdoor pool is not permitted without a card reader mounted at 48"/1.2 m a.f.f.	Entry gates to outdoor pools must be self-closing and self-latching. The entry handles and/or latch must be mounted at 48”/1.2 m above the finished floor (if allowed by local code) to prevent access by unaccompanied children. Direct access from the hotel into the fenced enclosure of an outdoor pool is not permitted without a card reader mounted at 48"/1.2 m a.f.f.	Revision	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
2510.03.A.2	Base (minimums): 4"/100 mm millwork profile through-body synthetic	Base (minimums): 4"/100 mm millwork profile through-body synthetic, carpet. When carpet base is installed, the adjoining base at the guestroom entry must be the same height (4"/100 mm).	Revision	Puerto Rico | Canada | United States
2510.05.A	Bed frames/bases are acceptable only for properties that have not completed their first FRCM Complete Renovation casegood replacement.	Bed frames/bases are acceptable only for properties that have not completed their first Complete cycled renovation casegood replacement.	Revision	Puerto Rico | Canada | United States
2510.06.A.2	New or replacement casegoods must be from the new casegood design as detailed in the FF&E Specifications found at https://designinformation.hilton.com. Finishes are customizable for each property.	Content Deleted	Deletion	Puerto Rico | Canada | United States
2510.06.A.9.a	The Style Right Wall Unit (a built-in piece on the exterior window wall that typically consists of either a wardrobe and desk or a dresser and desk) is allowed where already existing but may not be implemented moving forward. Instead, properties undergoing a conversion, relicensing, renovation, or change of ownership that do not have architecturally integrated gypsum closet must implement a closet casegood solution.	The Style Right Wall Unit (a built-in piece on the exterior window wall that typically consists of either a wardrobe and desk or a dresser and desk) is allowed where already existing but may not be implemented moving forward. Instead, properties undergoing a conversion or renovation that do not have architecturally integrated gypsum closet must implement a closet casegood solution.	Revision	Puerto Rico | Canada | United States
2510.10.A	Built-in wet bars with an under-counter refrigerator and microwave are required in studio suites. Full kitchens are not allowed. Properties undergoing a conversion, relicensing, renovation, or change of ownership that have existing full kitchens must convert to wet bars. Refer to prototype drawings for adjacent finishes.	Built-in wet bars with an under-counter refrigerator and microwave are required in studio suites. Full kitchens are not allowed. Properties undergoing a conversion or renovation that have existing full kitchens must convert to wet bars. Refer to prototype drawings for adjacent finish coordination.	Revision	Puerto Rico | Canada | United States
2510.10.B.2		Cabinetry must be stained wood or plastic laminate on the exterior. Interior must be laminate. Cabinet doors must screen the refrigerator but must not be fixed to the equipment door.	Addition	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
2510.10.B.2	Cabinetry must be stained wood on the exterior. Interior must be laminate. Cabinet doors must screen the refrigerator but must not be fixed to the equipment door.	Cabinetry must be stained wood or plastic laminate on the exterior. Interior must be laminate. Cabinet doors must screen the refrigerator but must not be fixed to the equipment door.	Revision	Puerto Rico | Canada | United States
2512.04.E.5		Unacceptable bathtubs: Fiberglass, acrylic, plastic, bathtub liners, applied bath mats or strips	Addition	Puerto Rico | Canada | United States
2512.05.A	Provide a wall switch immediately adjacent to entrance of bathroom. All switch plates must be white to match the outlet wall plates.	Provide a wall switch immediately adjacent to entrance of bathroom. All switch plates must be white to match the outlet wall plates.	Revision	Puerto Rico | Canada | United States
2513.01.A.2	Provide a tamper-proof, 180-degree, one-way sidelight or viewer at the main office door entry. Install viewer at centerline of door, 5’-0”/1.5 m above the finished floor.	Provide a tamper-proof, 180-degree, one-way viewer or sidelight at the main office door entry. Install viewer at centerline of door, 5’-0”/1.5 m above the finished floor.	Revision	Caribbean | Central America | Mexico | South America | Asia Pacific | Europe | Middle East and Africa
2514.01.Q	Electronic card readers with electronic lock interfaces must be used in the following locations, where a nighttime security-fixed post is not possible at the door:	Electronic card readers with electronic lock interfaces must be used in the following locations:	Revision	Global
2514.01.Q.1	Primary entry to the lobby. The lock can be electronic or manual.	Primary entry to the lobby, where a nighttime security-fixed post is not provided. You must also be able to manually lock the doors.	Revision	Global
2514.01.Q.2	Each secondary guest entrance to the guest corridors at lobby level. The lock can be electronic or manual.	Each secondary guest entrance to the guest corridors at lobby level. You must also be able to manually lock the doors.	Revision	Global
2514.03.G.2.a	LVT must be DOP/DEHP, PVC or Red list chemical free. Must be a commercial-grade, rigid core, embossed finish to relate to the pattern of the tile flooring system. The product must be 4-sided, tongue-and-groove type system	LVT must be DOP/DEHP, PVC or Red list chemical free. Must be a commercial-grade, rigid core, embossed finish to relate to the pattern of the tile flooring system. The product must be 4-sided, tongue-and-groove type system	Revision	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
	that holds the planks together to form a tight durable joint. When installed in areas above guestrooms, a pre-attached noise-reducing impact insulation underlayment (cork or IXPE foam backing) will be required. Non-attached noise reducing impact insulation underlayment systems are not allowed. Not allowed in wet areas. Resilient products must come with minimum 20-year Commercial Wear Warranty. Design selections must be approved by Hilton Design Review and meet the following minimum criteria: 1. Slip Resistance: See 2514.03.A Floors - Slip Resistance 2. Overall Thickness: Gauge 4.5mm minimum 3. Wear layer: 0.5 mm (20 mil) minimum 4. Static Load: ASTM F970 – Passes, modified at 250 psi 5. Resistance to Heat: ASTM 1514 6. Smoke Density: ASTM E662 (<450) 7. Resistance to Light: ASTM F 1515 8. Resistance to Chemical: ASTM F925 9. Radiant Flux: ASTM E648 (> 0.45 watts/cm2, NFPA Class 1) 10. Standard Classification: ASTM F 3261 (classification for multi layer LVT) or ASTM F 3009 (classification for non-vinyl resilient) 11. Impact Insulation Class (IIC): ASTM E-492-04 Minimum rating of 57 db, achieved by combination of LVT with pre-attached Sound Underlayment and an acoustic underlayment under the gypcrete in new construction. 12. For pre-approved solutions, refer to the prototype finish specifications at https://designinformation.hilton.com. 13. Sustainability: All products must be Floorscore certified and/or Greenguard Gold certified	that holds the planks together to form a tight durable joint. When installed in areas above guestrooms, a pre-attached noise-reducing impact insulation underlayment (cork or IXPE foam backing) will be required. Non-attached noise reducing impact insulation underlayment systems are not allowed. Not allowed in wet areas. Resilient products must come with minimum 20-year Commercial Wear Warranty. Design selections must be approved by Hilton Design and meet the following minimum criteria: 1. Slip Resistance: See 2514.03.A Floors - Slip Resistance 2. Overall Thickness: Gauge 4.5mm minimum 3. Wear layer: 0.5 mm (20 mil) minimum 4. Static Load: ASTM F970 – Passes, modified at 250 psi 5. Resistance to Heat: ASTM 1514 6. Smoke Density: ASTM E662 (<450) 7. Resistance to Light: ASTM F 1515 8. Resistance to Chemical: ASTM F925 9. Radiant Flux: ASTM E648 (> 0.45 watts/cm2, NFPA Class 1) 10. Standard Classification: ASTM F 3261 (classification for multi layer LVT) or ASTM F 3009 (classification for non-vinyl resilient) 11. Impact Insulation Class (IIC): ASTM E-492-04 Minimum rating of 57 db, achieved by combination of LVT with pre-attached Sound Underlayment and an acoustic underlayment under the gypcrete in new construction. 12. For pre-approved solutions, refer to the prototype finish specifications at https://designinformation.hilton.com. 13. Sustainability: All products must be Floorscore certified and/or Greenguard Gold certified		
2514.03.G.2.a	Must be a commercial grade, embossed vinyl tile flooring system. When installed in areas above guestrooms a	Must be a commercial grade, embossed vinyl tile flooring system. When installed in areas above guestrooms a	Revision	Caribbean | Central America |

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
	noise-reducing impact insulation underlayment system will be required. Not allowed in wet areas. LVT products must come with minimum 10-year Commercial Wear Warranty, design selections must be approved by Hilton Global Design Services and meet the following minimum criteria: 1. Slip Resistance: ASTM D 2047 (>.65 wet/dry) 2. Flexibility: ASTM F 137 3. Resistance to Heat: ASTM 1514 4. Resistance to Light: ASTM F 1515 5. Resistance to Chemical: ASTM F925 6. Radiant Flux: ASTM E648 (> 0.45 watts/cm2, NFPA Class 1) 7. Smoke Density: ASTM E662 (<450) 8. Standard Classification: ASTM F 1700, Class 3 9. Impact Insulation Class (AIIC): ASTM E-492-04. Minimum rating of 51, achieved by combination of LVT and underlayment as field tested. 10. Sound Transmission Class (STC): ASTM 90-04. Minimum rating of 50, achieved by combination of LVT and underlayment. 11. Thickness: 4.5 mm minimum 12. Wear layer: 0.5 mm (20 mil) minimum 13. Vinyl free performance layer products are allowed with prior approval by Hilton. Product must meet European Utility Classification EN16511 Class 33, Abrasion Test and Residual Indention Test ASTM970.	noise-reducing impact insulation underlayment system will be required. Not allowed in wet areas. LVT products must come with minimum 10-year Commercial Wear Warranty, design selections must be approved by Hilton Design and meet the following minimum criteria: 1. Slip Resistance: ASTM D 2047 (>.65 wet/dry) 2. Flexibility: ASTM F 137 3. Resistance to Heat: ASTM 1514 4. Resistance to Light: ASTM F 1515 5. Resistance to Chemical: ASTM F925 6. Radiant Flux: ASTM E648 (> 0.45 watts/cm2, NFPA Class 1) 7. Smoke Density: ASTM E662 (<450) 8. Standard Classification: ASTM F 1700, Class 3 9. Impact Insulation Class (AIIC): ASTM E-492-04. Minimum rating of 51, achieved by combination of LVT and underlayment as field tested. 10. Sound Transmission Class (STC): ASTM 90-04. Minimum rating of 50, achieved by combination of LVT and underlayment. 11. Thickness: 4.5 mm minimum 12. Wear layer: 0.5 mm (20 mil) minimum 13. Vinyl free performance layer products are allowed with prior approval by Hilton. Product must meet European Utility Classification EN16511 Class 33, Abrasion Test and Residual Indention Test ASTM970.		Mexico | South America
2514.03.H.9.a	Area Rugs Quality: 4.5 pound Yarn Content: 100% New Zealand Wool, 80/20 wool/nylon blend or 100% nylon. For 100% wool, both woolen spun and semi-worsted yarns can be used. Face weight: 72 oz/y² (2,440 gms/m²)	Tufted Rug Specification Construction: Machine Tufted Content: 100% Nylon Dye Method: Solution Dyed Weight: Min 36oz Backing:	Revision	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
	Gross Yarn Weight: 107 oz y²/3,620 m² Pile Height: 9 mm No of rows/10 cm: 19 No of stitches/10 cm: 21 No of ends/insertion: 4 Edging: Hand serged, tape bound, folded edge with back tape binding or beveled no higher than ¼"/6 mm. Primary backing : Basket Weave Secondary backing: Leno Weave A non-skid pad or backing is required.	Primary: Polypropylene Secondary: Classicbac, Performance Backing, Non-Skid, Separate Pad Pile Height: Min 0.25” Gauge: Min 1/10G Stitches / Inch: Min 10 per inch Binding: ½” Nylon Tape, Serge Radiant Panel: Class I		
2514.03.H.9.b	Area Rugs Quality: 5.5 pound Yarn Content: 100% New Zealand Wool, 80/20 wool/nylon blend or 100% nylon. For 100% wool, both woolen spun and semi-worsted yarns can be used. Face weight: 88 oz/y² (2,980 gms/m²) Gross Yarn Weight: 122 oz y²/4,100 m² Pile Height: 11 mm No of stitches/10 cm: 23 No of rows/10 cm: 20 No of ends/insertion: 4 Edging: Hand serged, tape bound, folded edge with back tape binding or beveled no higher than ¼"/6 mm. Primary backing : Basket Weave Secondary backing: Leno Weave A non-skid pad or backing is required.	Wool / Axminster Rug Specification Construction: Machine Woven, Hand Tufted Content: 100% Yarn Dyed, 80/20 Dye Method: 100% Yarn Dyed Weight: Min 8 Row Row: Min 8 Pitch: Min 7 Backing: Primary: Synthetic Secondary: SBR latex, Non-Skid, Separate Pad Pile Height: Min 0.275” Binding: ½” Nylon Tape, Serge Radiant panel: Class I	Revision	Puerto Rico | Canada | United States
2514.06.A.5	Do not use through-wall type units (PTAC/VTAC) except in guestrooms.	Do not use PTACs (packaged terminal air conditioners or packaged terminal heat pumps) except in guestrooms. VTACs (vertical terminal air conditioners or vertical terminal heat pumps) may be used in guestrooms, or to serve guest room corridors and elevator lobbies. VTACs in the corridor will only be allowed when they do not interfere with the typical corridor width and their incorporation into	Revision	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
		the exterior design is approved by Hilton. VTACs are not permitted to provide ventilation to any spaces except to guestrooms in accordance with section 2514.06.E.1.d.		
2514.06.E.1.d	Packaged terminal units (PTAC) including packaged terminal heat pumps and vertical packaged terminal units may be used for providing ventilation air under the following conditions: 1. All Climate Zones, except 7 and 8, within Dry and Marine Regions as indicated in the International Energy Conservation Code: Standard PTACs with an outside air vent may be used to provide ventilation air to guestrooms. In Climate zones 7 and 8, provide dedicated ventilation air units to meet humidification requirements. 2. Climate Zones 4, 5 and 6 within the Moist Region as indicated in the International Energy Conservation Code: Only packaged terminal units equipped with a compressor, condenser and evaporator dedicated solely for the purpose of conditioning outside air, or which utilize inverter-driven compressors and fans to control humidity, may be used to provide ventilation air to guestrooms. 3. Climate Zones 1, 2, and 3 within the Moist Region as indicated in the International Energy Conservation Code, and Hawaii: Only packaged terminal units equipped with a compressor, condenser and evaporator dedicated solely for the purpose of conditioning outside air, or which utilize inverter-driven compressors and fans to control humidity, may be used to provide ventilation air to guestrooms. Packaged terminal units providing guestroom ventilation must be accompanied by dedicated ventilation air units supplying a total volumetric air flow equaling at least 25 cfm per guestroom plus the required ventilation of the front-of-house and back-of-house spaces. The distribution of air from the dedicated ventilation air units may be to the corridors.	Packaged terminal units (PTAC) including packaged terminal heat pumps and vertical packaged terminal units may be used for providing ventilation air under the following conditions: 1. All Climate Zones, except 7 and 8, within Dry and Marine Regions as indicated in the International Energy Conservation Code: Standard PTACs with an outside air vent may be used to provide ventilation air to guestrooms. In Climate zones 7 and 8, provide dedicated ventilation air units to meet humidification requirements. 2. Climate Zones 4, 5 and 6 within the Moist Region as indicated in the International Energy Conservation Code: Only packaged terminal units equipped with a compressor, condenser and evaporator dedicated solely for the purpose of conditioning outside air, or which utilize inverter-driven compressors and fans to control humidity, may be used to provide ventilation air to guestrooms. 3. Climate Zones 1, 2, and 3 within the Moist Region as indicated in the International Energy Conservation Code, and Hawaii: Only packaged terminal units equipped with a compressor, condenser and evaporator dedicated solely for the purpose of conditioning outside air, or which utilize inverter-driven compressors and fans to control humidity, may be used to provide ventilation air to guestrooms. Packaged terminal units providing guestroom ventilation must be accompanied by dedicated ventilation air units supplying a total volumetric air flow equaling at least 12 cfm per guestroom plus the required ventilation of the front-of-house and back-of-house spaces. The distribution of air from the dedicated ventilation air units may be to the corridors.	Revision	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
2514.08.I	Minimum Foot-Candles/Lux Levels and Maximum Kelvin Temperature See standard for chart	Minimum Foot-Candles/Lux Levels and Maximum Kelvin Temperature See standard for chart	Revision	Global
2514.09.D.1	Televisions must comply with the specifications listed below and those provided in Section 713.00: • Widescreen (16:9) HDTV screen • At least 4k vertical resolution • Support MPEG4 decoding • Digital tuners and/or decryption capable of receiving HD Free to Guest TV content in the country in which the hotel is located (e.g., QAM/DVB-T/DVB-C/DVB-T2/MPEG-4/ Pro:Idiom/Digital Rights Management). Hotels installing Connected Room simultaneously with the new TV's may rely on the Edge Controller for decryption (i.e., Pro:Idiom is not required in the television) and must choose an approved model. See HiltonHDTV.com for a list of approved TV's. • C.E./U.L. (CCC in China) listed for commercial/ hospitality use. • All new televisions must be equipped with a serial communication data port based on the country in which the hotel is located (e.g., Multiple Protocol Interface/ Multiple Television Interface (MPI/MTI data port), RS232, RJ12, 3.5mm auxiliary, etc.). • Power and cable outlets and cords must be concealed from view behind the television or using cable management. • Interactive Program Guide (IPG) is required in guestrooms. Connected Room satisfies this requirement. • LG or Samsung Television is required. • Hotels using coaxial cable can purchase a standard (non-Smart) hospitality model. At this time, hotels using CAT6/IPTV should purchase Smart TV's unless they are	Televisions must comply with the specifications listed below and those provided in Section 713.00: • Widescreen (16:9) HDTV screen • At least 4k vertical resolution • Support MPEG4 decoding • Digital tuners and/or decryption capable of receiving HD Free to Guest TV content in the country in which the hotel is located (e.g., QAM/DVB-T/DVB-C/DVB-T2/MPEG-4/ Pro:Idiom/Digital Rights Management). Hotels installing Connected Room simultaneously with the new TV's may rely on the Edge Controller for decryption (i.e., Pro:Idiom is not required in the television) and must choose an approved model. See HiltonHDTV.com for a list of approved TV's. • C.E./U.L. (CCC in China) listed for commercial/ hospitality use. • All new televisions must be equipped with a serial communication data port based on the country in which the hotel is located (e.g., Multiple Protocol Interface/ Multiple Television Interface (MPI/MTI data port), RS232, RJ12, 3.5mm auxiliary, etc.). • Power and cable outlets and cords must be concealed from view behind the television. Cords must be tidy and concealed using cable management. • Interactive Program Guide (IPG) is required in guestrooms. Connected Room satisfies this requirement. • LG or Samsung Television is required. • Hotels using coaxial cable can purchase a standard (non-Smart) hospitality model. At this time, hotels using CAT6/IPTV should purchase Smart TV's unless they are	Revision	Canada

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
	simultaneously installing Connected Room. Contact HSM or the vendors directly for a price quote.	simultaneously installing Connected Room. Contact HSM or the vendors directly for a price quote.		
2514.09.D.1	Televisions must comply with the specifications listed below and those provided in Section 713.00: • Widescreen (16:9) HDTV screen • At least 4k vertical resolution • Minimum of two (2) HDMI ports • Support MPEG4 decoding • Digital tuners and/or decryption capable of receiving HD Free to Guest TV content in the country in which the hotel is located (e.g., QAM/DVB-T/DVB-C/DVB-T2/MPEG-4/ Pro:Idiom/Digital Rights Management). Hotels installing Connected Room simultaneously with the new TV's may rely on the Edge Controller for decryption (i.e., Pro:Idiom is not required in the television) and must choose an approved model. See HiltonHDTV.com for a list of approved TV's. • C.E./U.L. (CCC in China) listed for commercial/ hospitality use. • All new televisions must be equipped with a serial communication data port based on the country in which the hotel is located (e.g., Multiple Protocol Interface/ Multiple Television Interface (MPI/MTI data port), RS232, RJ12, 3.5mm auxiliary, etc.). • Power and cable outlets and cords must be concealed from view behind the television or using cable management. • Interactive Program Guide (IPG) is required in guestrooms. Connected Room satisfies this requirement. • LG or Samsung Television is required. • Hotels using coaxial cable can purchase a standard (non-Smart) hospitality model. At this time, hotels using CAT6/IPTV should purchase Smart TV's unless they are	Televisions must comply with the specifications listed below and those provided in Section 713.00: • Widescreen (16:9) HDTV screen • At least 4k vertical resolution • Minimum of two (2) HDMI ports • Support MPEG4 decoding • Digital tuners and/or decryption capable of receiving HD Free to Guest TV content in the country in which the hotel is located (e.g., QAM/DVB-T/DVB-C/DVB-T2/MPEG-4/ Pro:Idiom/Digital Rights Management). Hotels installing Connected Room simultaneously with the new TV's may rely on the Edge Controller for decryption (i.e., Pro:Idiom is not required in the television) and must choose an approved model. See HiltonHDTV.com for a list of approved TV's. • C.E./U.L. (CCC in China) listed for commercial/ hospitality use. • All new televisions must be equipped with a serial communication data port based on the country in which the hotel is located (e.g., Multiple Protocol Interface/ Multiple Television Interface (MPI/MTI data port), RS232, RJ12, 3.5mm auxiliary, etc.). • Power and cable outlets and cords must be concealed from view behind the television. Cords must be tidy and concealed using cable management. • Interactive Program Guide (IPG) is required in guestrooms. Connected Room satisfies this requirement. • LG or Samsung Television is required. • Hotels using coaxial cable can purchase a standard (non-Smart) hospitality model. At this time, hotels using CAT6/IPTV should purchase Smart TV's unless they are	Revision	United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
	simultaneously installing Connected Room. Contact HSM or the vendors directly for a price quote.	simultaneously installing Connected Room. Contact HSM or the vendors directly for a price quote.		
2514.09.I.2.b	Manually activated silent alarms (money-clip or panic button) are required for the human resources office, front office (if provided), restaurant cashier positions and other non-concessionaire fixed outlets handling cash, sauna, steam room, and areas of potential gas release. The signals from these devices are to be wired to an alarm annunciator panel located at a constantly monitored position such as a security dispatch office or PBX. Signals must have the capability to go off premises to a central station alarm monitoring service or law enforcement department, if available. Alarm annunciator must indicate the location and type of alarm by visible and audible signal and have a printer to record the activity including date and time.	Manually activated silent alarms are required for the human resources office (if provided), front office (if provided), restaurant cashier positions and other non-concessionaire fixed outlets handling cash, sauna (if provided), steam room (if provided), areas of potential gas release and front desk at each workstation. The signals from these devices are to be wired where applicable to an alarm annunciator panel located at a constantly monitored position such as a security dispatch office or PBX. Alternatively, the signal must go to off premises to a central station alarm monitoring service or law enforcement department. Alarm annunciator must indicate the location and type of alarm by visible and audible signal.	Revision	Puerto Rico | Canada | United States
2514.09.I.3.c.10.a	All new or replacement surveillance cameras will be 1.3 or 2.0 or 3.0 Megapixel resolution dependent on the coverage area and operational requirement. Resolution will be based on critical or operational areas and have the minimum standards of recognition for operational areas and identification for critical areas.	All new or replacement surveillance camera solutions will be a minimum of 4 megapixel resolution. The Lobby must have the highest resolution the hotel can accommodate. Resolution will be based on critical or operational areas and have the minimum standards of recognition for operational areas and identification for critical areas.	Revision	Global
2515.00.A	For existing hotels, all soft goods, casegoods, furniture, finishes and fixtures in guest rooms and public spaces must be replaced when condition warrants as determined by the Brand or at the following lifecycle timelines (whichever comes first): > 7 years for soft goods > 14 years for casegoods, furniture, finishes and fixtures > 17-21 years for guest room bathrooms, kitchens and wet bars	Content Deleted	Deletion	Global

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
2515.01.B.3.i		Drawers must be well sealed on the inside backs, fronts, side partitions, bottoms, outside sides and backs. They must be free of dirt, dust, glue or any foreign matter prior to rubbing, waxed with the required material and wiped dry to remove sand and sealer dust. Manufacturer to provide heavy duty commercial ball bearing drawer glides with stops at 2/3 the depth of the drawer. Soft close hardware required for all guestroom drawers.	Addition	Puerto Rico | Canada | United States
2515.01.B.6.b		Soft close hardware required for all doors and drawers. All doors, drawers, leg mechanisms, trays and other operating parts must be well fitted, properly aligned and operate smoothly without loose or sloppy action.	Addition	Puerto Rico | Canada | United States
2515.06.A		Mirrors must be 3/16”/4.76 mm – 1/4"/6.35 mm polished with vinyl backing/vinyl safety back, free of distortion. Mirrors must be fabricated of polished plate glass. All mirrors must be guaranteed against silver oxidation. All mirrors must be mounted on foam board, corrugated or masonite backing at a minimum 3/ 16"/4.76 mm thickness. For larger mirrors, additional bracing should be added to ensure appropriate durability and rigidity of the mirror.	Addition	Puerto Rico | Canada | United States
2516.04.C.1		Local hard-wired single-station smoke detection with integral alarms, or addressable smoke detection with sounder base, must be installed in each sleeping area and sitting room of suites. Alarm signals can be supervisory	Addition	Puerto Rico | Canada | United States
2519.02.D.1	Interior corridor signage must be brought up to the current standard at the time of any renovation within the corridor.	Interior corridor signage must be brought up to the current standard at the time of a Complete renovation within the corridor or Brand identity change at the time of any renovation.	Revision	Global
2519.02.E.2	Not Applicable to this Brand	“No Solicitation” signage is required at the main entrance of the hotel: “Solicitation, distribution, and/or trespassing	Addition	Puerto Rico | Canada | United States

Standard No.	Old Summary	New Summary	Change Type	Applicable Locations
		anywhere on these premises by non-team members are prohibited at all times.”		
2519.02.N.4	The back of the guestroom door must include a sign containing fire evacuation information. This sign must be centered on the door below the door viewer. Evacuation signage must be replaced/updated during a guestroom renovation of the property. The following must be included:	The back of the guestroom door must include a sign containing fire evacuation information. This sign must be centered on the door below the door viewer. If a Brand logo is present, the evacuation signage must be replaced/ updated during a guestroom renovation of the property. The following must be included:	Revision	Puerto Rico | Canada | United States
2519.04.C.1	A minimum of one internally illuminated ground monument sign and one internally illuminated building mounted sign is required for all properties. Additional signage may be required by Hilton dependent upon building orientation, visibility and regional brand identity requirements.	A minimum of two internally illuminated signs are required for all properties. This can be a combination of two building signs based on building orientation and visibility, or one ground monument sign and one building-mounted sign. A building sign is always required.	Revision	Global
2519.04.E.4	If Diamond Member Reserved Parking is offered, all hotels with on-site parking must install five brand approved Diamond Elite guest parking signs in addition to brand required parking signage. At least three spots must be located near the main entrance of the hotel – all others can be in proximity to secondary entrances. Refer to marKIT for specifications. Diamond member reserved parking signs must display the current Hilton Honors branding.	If property-controlled, on-site self-parking is provided, hotels must install a minimum of five brand approved Diamond Member guest parking signs in addition to brand required parking signage. At least three spots must be located near the main entrance of the hotel – all others can be in proximity to secondary entrances. Diamond Member reserved parking signs must display the current Hilton Honors branding. Refer to marKIT for specifications.	Revision	Canada | United States

DESIGN, CONSTRUCTION & RENOVATION

2500.00 DESIGN, CONSTRUCTION & RENOVATION PREAMBLE 2500-2
2501.00 EXTERIOR 2500-4
2502.00 LOBBY AREA 2500-17
2503.00 PUBLIC RESTROOMS 2500-27
2504.00 FOOD AND BEVERAGE 2500-32
2505.00 NOT APPLICABLE TO THIS BRAND 2500-43
2506.00 COMMERCIAL FACILITIES 2500-43
2507.00 MEETING FACILITIES 2500-48
2508.00 RECREATIONAL FACILITIES 2500-56
2509.00 CIRCULATION 2500-67
2510.00 GUESTROOM/SUITES 2500-74
2511.00 NOT APPLICABLE TO THIS BRAND 2500-97
2512.00 GUEST BATHROOM 2500-97
2513.00 BACK-OF-HOUSE 2500-108
2514.00 TECHNICAL CRITERIA 2500-128
2515.00 FURNISHINGS, FIXTURES AND EQUIPMENT 2500-194
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DESIGN, CONSTRUCTION & RENOVATION)

2500.00 Design, Construction & Renovation Preamble

2500.00.A Overview

The following Design, Construction and Renovation Standards (the “DCR Standards”), in conjunction with the prototype drawings, represent the requirements established for design of a Hampton by Hilton hotel which is being newly built. The DCR Standards only apply to existing Hilton hotels in limited circumstances: being when that hotel undergoes a remodeling, refurbishment, renovation or there is an addition (an addition for which there is a relevant Brand Standard) as set out in more detail at point 2 below.

In these cases, the DCR Standards will apply to the particular project, i.e. those aspects which are being remodeled, refurbished or renovated. The DCR Standards will also apply to additions to an existing hotel. This is set out in further detail below.

If discrepancies are found between what the DCR Standards and prototype drawings require, the Architecture & Construction (A&C) Department of Hilton will clarify. All owners are responsible for referencing the most current version of the DCR Standards and up-to-date prototype drawings at the relevant time when compliance with the DCR Standards is required. It is the owner's responsibility to ensure that this information is incorporated into the Construction Documents. Reduction of scope below these Standards will not be permitted.

Hilton, when giving approval for projects, may alter requirements contained herein in accordance with the project's local market, custom or practice.

The Design, Construction and Renovation Standards apply to the following situations:
1. The construction of a new-build Hilton hotel; or the conversion of an existing hotel from a non-Hilton brand to one of the Hilton Brands; or the conversion of an existing hotel from one Hilton brand to another Hilton Brand; or the adaptive reuse of a building not originally intended/occupied as a hotel.
2. Remodeling, refurbishing, renovating, and making additions to existing Hilton hotels. However, this is only to the extent that the existing Hilton hotel is undertaking a remodeling, refurbishment or renovation project which has, as part of that project, components for which there is a relevant DCR Standard. For example, if the hotel decides to refurbish the windows, then the DCR Standards in relation to windows will apply (unless the hotel applies for and obtains a waiver). However, the other DCR Standards would not be engaged or applicable at this stage.
3. Change of ownership or renewal of a license agreement.
4. In the limited circumstances mentioned in Section 100 to Section 1100 of the Brand Standards.

2500.00.B Codes

The owner is responsible for compliance with all applicable laws, codes and/or other governing building, zoning and design regulations. In the event applicable local codes and regulations exceed the requirements contained herein, the local codes and regulations must be construed as minimum requirements. All discrepancies found between the DCR Standards and applicable local codes must be brought to the attention of Hilton for resolution. Where designs deviate from applicable codes and regulations, approval or acceptance by the authority having jurisdiction must be documented and kept on file. Hilton is not responsible for review of documents for compliance with local codes. It is the responsibility of the owner to meet or exceed these local regulations.

The more stringent requirement between these Brand Standards and the applicable code(s) must be followed as a minimum standard.

2500.00.C Interior Design Review and Approval Process

Canada | United States: Hotels which are being newly built or existing hotels within the Hilton portfolio that are undergoing remodeling, refurbishment or renovation or which have an addition (as set out above and for which the Design, Construction & Renovation Standards are therefore partially engaged in respect of the components of that project) must receive prior approval for their design.

In respect of those parts of a project for which the Design, Construction & Renovation Standards are engaged but for which Hilton confirms that the works undertaken do not need to comply with the relevant Design, Construction & Renovation Standards (such confirmation to be given, or not, in Hilton's discretion), then a waiver letter or approval may be given by Hilton.

Submittals must be compiled by a licensed architectural firm and/or licensed interior design firm. Submittals must be sent to Hilton Design via Hilton's Project HUB. The Design team will assist with all requirements of the process. Contact Hilton Design for assistance, including a recommendation of design firms.

Mexico: Hotels which are being newly built or existing hotels within the Hilton portfolio that are undergoing remodeling, refurbishment or renovation or which have an addition (as set out above and for which the Design, Construction & Renovation Standards are therefore partially engaged in respect of the components of that project) must receive prior approval for their design.

In respect of those parts of a project for which the Design, Construction & Renovation Standards are engaged but for which Hilton confirms that the works undertaken do not need to comply with the relevant Design, Construction & Renovation Standards (such confirmation to be given, or not, in Hilton's discretion), then a waiver letter or approval may be given by Hilton.

Submittals must be compiled by a licensed architectural firm and/or licensed interior design firm. Completed submittals must be sent to the Hilton design manager assigned to the particular hotel development. The Hilton design manager will assist with all requirements of the process. Contact Hilton Design for assistance, including a recommendation of design firms.

2500.00.D Project Review and Approval Process

Canada | United States: Processes regarding the design, construction, pre opening and opening phases of a new or conversion hotel, or a hotel within the Hilton portfolio undergoing a renovation, must be followed.

These processes establish the framework around which reviews and approvals are conducted.

The A&C Project Manager will assist with all requirements of the process. Contact Hilton A&C for assistance, including a recommendation of architectural firms.

Mexico: Processes regarding the design, construction, pre-opening and opening phases of a new or conversion hotel, or a hotel within the Hilton portfolio undergoing a renovation, must be followed.

These processes establish the framework around which reviews and approvals are conducted.

The AD&C [Architecture Design & Construction] Project Review and Approval Process documents outline these processes including required submittals. These documents may be obtained from https://designinformation.hilton.com.

2501.00 Exterior

Refer to Section 2514.00, Technical Criteria, for requirements applicable to this section.

2501.01 Utilities

2501.01.A Underground Utilities

All utilities in the development must be provided underground. If local service is above ground, provisions must be made at the property line for underground service.

2501.01.B Drains

Provide complete surface and subsurface drainage systems to collect and dispose of all surplus ground water. All site drainage must flow away from buildings.

2501.01.C Drainage

Canada | United States: Roof and porte cochere drainage must be connected to the storm drainage system by concealed piping. Exposed storm drainage piping is prohibited.

Mexico: Roof and porte cochere drainage must be connected to the storm drainage system by concealed piping. Exposed rain drains are not acceptable adjacent to guest entrances and must be concealed.

2501.01.D Surface Drainage

Surface drainage across the sidewalks and landscaped areas adjacent to the building is not acceptable.

2501.01.E Not Applicable to this Brand

2501.01.F Hose Bibbs

Canada | United States: Provide hose bibbs or hydrants for porte cochere, parking area, sidewalk, patio and pool deck washdown.

Mexico: Provide hose bibbs or hydrants for washdown at porte cochere, parking area, sidewalk, patio, pool deck, open-air dumpster enclosure, and enclosed, refrigerated trash enclosure.

2501.02 Landscaping

2501.02.A Registered Landscape Architect

A registered Landscape Architect must develop landscaping plans and maintenance program for all landscaping materials. Hilton reserves the right of final approval on all landscape plans.

2501.02.B Not Applicable to this Brand

2501.02.C Landscaping Required Areas

Canada | United States: Landscaping is required on all areas of the site not covered by pavement or a building. Landscaping includes natural elements such as trees, shrubs, ornamental grass, perennials and ground cover, lawn and water/rock features.

Mexico: Landscaping is required on all areas of the site not covered by pavement or a building. Landscaping includes natural elements such as lawns, plants, trees and water features.

2501.02.D Landscaping Percentage Requirements

A minimum of 10 percent of the total site area must be landscaped. Exceptions for urban locations are subject to review and approval by Hilton.

2501.02.E Primary Landscaped Areas

Canada | United States: Primary landscaped areas must be generous in scale and concentration and must be placed adjacent to the site entrance drive, around any site entry signs, flanking the primary hotel entrance, along primary drives, and around patios and the outdoor swimming pool area.

Mexico: Primary landscaped areas must be generous in scale and concentration, and must be placed adjacent to the entrance drive, the primary hotel entrance, along primary drives and around the outdoor swimming pool area.

2501.02.F Secondary Landscaping

Landscaping must be provided at the entire building perimeter, throughout the parking areas and at the site perimeter.

2501.02.G Initial Planting Specimens

Initial planting specimens must be of a size to give the impression of maturity at time of opening.

2501.02.H Drought Resistant Plants/Turf

Native and succulent/drought resistant plants are recommended rather than those requiring significant watering. 100 percent recyclable, synthetic turf fiber infilled with sand/silica and installed with a backing system and aggregate base layer, to ensure proper drainage, may be considered with prior written approval by Hilton for location, application and product selection.

2501.02.I Not Applicable to this Brand

2501.02.J Landscaping Screens

Special landscaping or fencing/screening is required to enhance the views from the guestrooms, buffer the lobby area lounge patio from the parking area and drives, and screen undesirable views, such as service areas and any ground mounted equipment. Chain-link or barbed wire-type fencing is not permitted. Clearances required by the equipment and/or local jurisdiction must be maintained.

2501.02.K Retaining Walls

Retaining/landscaping walls located in public areas must be of a stone or masonry veneer or any other materials approved by Hilton.

2501.02.L Handrails or Guardrails

Refer to 2514.10 for guardrail requirements.

2501.02.M Not Applicable to this Brand

2501.02.N Satellite Dishes

Satellite dishes must be screened from view.

2501.02.O Utility Equipment

Locate all utility equipment away from guest entrances and screen from guest view.

2501.02.O.1 **Mexico:** Provide an enclosed, free-standing, ancillary building for utility equipment as required by local code.

2501.02.O.1.a **Mexico:** Provide two (2) 3'-0"/900 mm wide louvered exterior doors for equipment removal at each enclosed area. Door hardware must include closers and a keyed lockset for each panel.

2501.02.O.1.b **Mexico:** Provide ventilation (intake and exhaust).

2501.02.O.1.c **Mexico:** Provide exterior and interior lighting.

2501.02.O.1.d **Mexico:** Provide a quad powered outlet inside of each enclosed area of the building.

2501.02.P Underground Irrigation System

Canada | United States: An automated underground irrigation system must be provided to support the maintenance of the exterior landscaping. The use of grey or recycled water may be considered for irrigation purposes only.

Mexico: A manual irrigation system or an automated underground irrigation system must be provided to support the maintenance of the exterior landscaping. The use of grey or recycled water may be considered for irrigation purposes only.

2501.02.Q Not Applicable to this Brand

2501.02.R Not Applicable to this Brand

2501.02.S Not Applicable to this Brand

2501.02.T Not Applicable to this Brand

2501.02.U Not Applicable to this Brand

2501.02.V Not Applicable to this Brand

2501.02.W Not Applicable to this Brand

2501.02.X Planters

Canada | United States: Planters and waste receptacles must be provided at the front entry.

Mexico: Planters must be provided as shown in the prototype.

2501.03 Sidewalks/Patios

2501.03.A Sidewalk Material

Canada | United States: Sidewalks must be non-slip, broom-finished concrete, or better. Access panels and manholes are not permitted in walkways.

Mexico: Access panels and manholes are not permitted in walkways. Covered walkways between buildings may be required by Hilton.

2501.03.B Not Applicable to this Brand

2501.03.C Not Applicable to this Brand

2501.03.D Not Applicable to this Brand

2501.03.E Patio

Canada | United States: The Patio must be adjacent to the Lobby, and it must be 700 ft²/65 m², including the Firepit area.

2501.03.F Patio Floor Finish

Canada | United States: Patios, terraces, or any outdoor lounge areas must be decorative, non-slip, exposed aggregate with a light sandblast or with a concrete finishing/curing product. The finish must be comfortable to walk on with bare feet. Decorative concrete finishes must be integral with the slab. Topical applications are not allowed.

Mexico: Patios, terraces, or any outdoor lounge areas must be of a non-slip design and texture with appropriate construction joints, and of a material and pattern approved by Hilton.

2501.03.G Fire Pit

Canada | United States: The patio fire pit or fire feature must be permanent and fueled by natural gas. Bowl must be metal, concrete or stone and must have minimum 18"/450 mm high ledge. UL-approved, automated operation is required. An emergency shut-off button must be highly visible in the area and installed at 48"/1.2 m maximum above finished floor to the top of the highest operable feature. The shut-off button must be wall-mounted with the housing and wiring fully concealed into the surrounding wall. Exposed conduit is not approved or permitted. Verify final installation of fire pit and emergency shut-off requirements with the authorities having jurisdiction.

Mexico: A patio fire pit or fire feature, when provided, must be permanent and fueled by natural gas. Bowl must be metal, concrete or stone and must have minimum 18"/450 mm high ledge. UL-approved, automated operation is required. An emergency shut-off button must be highly visible in the area and installed at 48"/1.2 m maximum above finished floor to the top of the highest operable feature. The shut-off button must be wall-mounted with the housing and wiring fully concealed into the surrounding wall. Exposed conduit is not approved or permitted. Verify final installation of fire pit and emergency shut-off requirements with the authorities having jurisdiction.

2501.03.H Not Applicable to this Brand

2501.03.I Patio Seating

Canada | United States: Provide lounge and dining seating for a variety of group sizes at the Patio. Refer to the prototype for minimum seating required. Provide overhead shade feature as indicated in the prototype drawings.

2501.03.J Not Applicable to this Brand

2501.03.K Pet Relief Area & Optional Pet Wash Pad

Canada | United States: Pet Relief Area & Optional Pet Wash Pad

2501.03.K.1 **Canada | United States:** Provide a designated outdoor pet relief area within the property. Pet relief area must be located away from any outdoor guest activity space and conveniently accessible to hotel guest entrances. Refer to Section 211.03 for additional requirements.

2501.03.L Smoking Area

Mexico: Provide a convenient smoking area when market conditions dictate.

2501.03.L.1 **Canada | United States:** Area must be permanent in nature and provide cover from the weather. Cover may be an existing feature of the building or an added element.

2501.03.L.2 **Canada | United States:** The design of the cover and/or structure must match that of the main building.

2501.03.L.3 **Canada | United States:** Area must be at least 6'-0"/1.8 m from any entrance, not impede foot traffic, and must be positioned so not to disturb guestrooms. Ensure area is a minimum 10'-0"/3.0 m away (in all directions) from any mechanical intake louvers.

2501.03.L.4 **Canada | United States:** Furnishings, Fixtures & Equipment

2501.03.L.4.a **Canada | Puerto Rico | United States:** One wall-mounted or free-standing smoker's post receptacle.

2501.03.L.4.b **Canada | United States:** One, 16"/400 mm wide x 30"/760 mm high trash receptacle must be provided.

2501.03.M Exterior Railings

Canada | United States: Exterior railings at steps, ramps, landings, retaining walls and exterior swimming pools must be aluminum with an electrostatic finish or powder coated metal. Refer to Section 2516.05.D for additional requirements.

Mexico: Exterior railings at steps, ramps, landings, retaining walls and exterior swimming pools must be aluminum with an electrostatic finish. Refer to Section 2516.05.D for additional requirements.

2501.04 Building Exterior

2501.04.A Exterior Finish Materials

Canada | Puerto Rico | United States:
The exterior building finish must be comprised of a minimum of three different materials as represented in the prototype design. This includes an exterior insulation and finish system (EIFS) with multiple colors selections, brick, stone or tile and a faux wood cladding. Alternative finish materials and designs must be submitted to Hilton for approval.

Mexico: Exterior building finish materials must be approved by Hilton.

2501.04.A.1 **Canada | United States:** A hard surface material such as brick, stone, or tile, including a capstone, is required as shown in the prototype designs along the base of the building. The location, height and application of this material varies based on the height and length of the building. Refer to the prototype drawings.

2501.04.A.2 **Canada | United States:** All new and/or renovating hotels must conform to the pre-approved color scheme identified in the Hampton Exterior Design Guide unless otherwise required by the Authority having jurisdiction. Alternates color schemes must be approved by Hilton.

2501.04.B Exterior Signature Element

Canada | United States: The exterior building design must include the following ten (10) signature design elements:

1. Clean Contemporary Lines
2. Highlights
3. Window Reveal and Accent Color
4. Monolithic Wall Plane
5. Fin and Frame w/ signature color
6. End Cap w/ signature color

7. Accent Cladding
8. Porte Cochere w/ signature color
9. Masonry Base and Cap
10. Architectural Accent Lighting.

Refer to the prototype and exterior guide for configuration of these signature elements.

2501.04.C Not Applicable to this Brand

2501.04.D Not Applicable to this Brand

2501.04.E Louvers

2501.04.E.1 Louvers must be extruded aluminum with drainable blades and prevent penetration of water. Louvers must have either an anodized or Kynar-painted finish in a color that coordinates with the exterior color scheme. Vent hoods are not an approved wall outlet.

2501.04.E.2 **Canada | Puerto Rico | United States:** Exterior louvers, when aligned with guestroom windows, must be the same size and finish as the window frames.

2501.04.E.3 Louvers must be combined into one larger louver when possible except at the laundry when exhaust may impact make-up air.

2501.04.F Not Applicable to this Brand

2501.04.G Balconies

2501.04.G.1 **Canada | United States:** Balconies (when approved by the Brand) must have a minimum finished clear-depth of 5’-0”/1.5 m from the hotel face of finish.
Mexico: Balconies (when approved by the Brand) must be a minimum of 5’-0”/1.5 m deep.

2501.04.G.2 Balconies/patios must be designed to provide privacy and security for guestrooms. Views must be blocked to adjacent balconies/patios.

2501.04.G.3 Balcony floors must slope outwards or toward internal drains.

2501.04.G.4 Balcony railings must meet minimum criteria in section 2514.10. Railings must not impede guest view. Bottom rail shall be 2”/50 mm maximum above the floor. Railings and pickets must not be horizontal or climbable. Flat top rail is not permitted.

Brand may require a comfort wind study to determine need for windscreens in excess of the minimum guardrail heights indicated in this section.

2501.04.H Roof Materials

Canada | United States: Roof materials must meet the following requirements:

2501.04.H.1 **Canada | United States:** Single-ply, non-ballasted, directly adhered membrane roofing system.

2501.04.H.1.a **Canada | United States:** Roofing must be installed by a certified roofing contractor and carry a 20 year warranty.

2501.04.H.1.b **Canada | United States:** System must be a light color, energy star or equivalent compliant light color (solar reflective index SRI 78 or better).

2501.04.H.2 Not Applicable to this Brand

2501.04.H.3 **Canada | United States:** Metal roofing must be 24-gauge, prefinished with a 12”/300 mm wide panel, Kynar 500 finish with the appearance of a standing seam of 1 1/2" /38.1 mm height. Metal roofing and accessories must be fabricated and installed in accordance with SMACNA. All flashing, edges, trim, valleys, etc., must be the same color and finish as the roofing. Colors must be approved.

2501.04.I Roof Vents

Canada | Puerto Rico | United States: Roof vents, exhaust caps and other penetrations must be painted a color compatible with the roofing color on gabled roofs and be hidden from view on flat roofs. Parapet venting, access doors or similar provisions must be of the same color and material (where possible) as the adjacent roofing membrane.

Mexico: Roof vents, exhaust caps and other penetrations must be painted a color compatible with the roofing color on gabled roofs and be hidden from view on flat roofs.

2501.04.J Roof Screening

Canada | United States: All rooftop and ground mounted equipment must be screened from view. Coordinate with local jurisdiction for acceptable finishes.

Mexico: All rooftop and ground mounted equipment must be screened from view.

2501.04.K Not Applicable to this Brand

2501.04.L Gutters and Downspouts

Canada | United States: Gutters and downspouts are required for gabled roofs and must be pre-finished or painted the color of the adjacent building material.

2501.04.M Antennae

Equipment such as antennas, solar panels, satellite dishes and cell phone towers must be concealed or screened from view. Prior approval from Hilton is required to install cell phone towers.

2501.04.N Not Applicable to this Brand

2501.04.O Awnings/Canopies

Fabric and canvas awnings are not allowed without prior approval from Hilton.

2501.05 Porte Cochere

2501.05.A Porte Cochere Requirements

Canada | United States: A porte cochere is required. Refer to the prototype drawings.

Mexico: A porte cochere is required except when hotel is located in urban areas or have significant spatial constrains. When a porte cochere is not implemented, provide sufficient covered entrance for guests and allow for a drop off area near the entrance.

2501.05.B Porte Cochere Width

Canada | United States: The width of the drive aisle must be at least 24'-0"/7.3 m.

Mexico: The width of the drive aisle must be at least 21'-4"/6.5 m.

2501.05.C Clearance Height

Canada | United States: The clearance below the porte cochere must not be less than 13’-6”/4.11 m above finished floor.

Mexico: Porte cochere height clearance must not be less than 12’-6”/3.8 m.

2501.05.D Not Applicable to this Brand

2501.05.E Porte Cochere Flooring

Canada | United States: The area under the porte cochere must be a decorative non-slip surface paving such as brick or concrete pavers, stone, tile pavers, or integrally colored and stamped concrete. Hand-troweled, scored concrete, floated concrete or asphalt is not allowed. Decorative paving in driving areas must be sealed and cleanable. Painted finishes are not permitted.

Mexico: The area under the porte cochere must be a decorative non-slip surface paving such as brick, stone, tile pavers or color stamped concrete. Hand troweled, scored concrete, floated concrete or asphalt is not allowed. Decorative paving in driving areas must be sealed and cleanable. Painted finishes are not permitted.

2501.05.F Porte Cochere Columns

Porte cochere support columns and other features at the building entry that could be damaged by car doors, luggage carts, etc. must be finished with a high-quality durable finish to coordinate with main exterior building finishes.

2501.05.G Entrance Drive Paving

Canada | United States: Entrance drive paving must be flush with the sidewalk at hotel entrance to facilitate the movement of luggage carts and for easy access into the hotel yet provide positive drainage away from the vestibule entry.

Mexico: Entrance drive paving must be flush with the sidewalk at hotel entrance to facilitate the movement of luggage carts and for easy access into the hotel.

2501.05.H Not Applicable to this Brand

2501.05.I Soffit Venting

Mexico: Provide soffit venting to avoid moisture/condensation problems.

2501.05.J Porte Cochere Lighting

Canada | United States: Concealed, recessed can lighting is required in the porte cochere ceiling and at the roof soffits. Provide linear LED lighting along the interior perimeter of the porte cochere ceiling. This lighting must have the following characteristics:
1. LED bulbs;
2. 3000K nominal CCT;
3. Cove detailing for indirect illumination (see prototype drawing);
4. Minimum 63 lumens per foot;
5. Rigid system for straight and easy installation.

Mexico: Provide decorative or recessed lighting at the porte cochere and any secondary entrances.

2501.05.K Not Applicable to this Brand

2501.05.L Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2501.05.M Not Applicable to this Brand

2501.05.N Not Applicable to this Brand

2501.05.O Smoker's Post

Separate trash and smoker’s post receptacles must be provided near the entrance. Location of smoker's post must be coordinated with requirements of Section 2501.03.L when applicable.

2501.06 Parking

2501.06.A Not Applicable to this Brand

2501.06.B Not Applicable to this Brand

2501.06.C Not Applicable to this Brand

2501.06.D Not Applicable to this Brand

2501.06.E Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2501.06.F Surface Parking

2501.06.F.1 **Canada | United States:** The parking area must accommodate a minimum of one space for each guestroom.
Mexico: The parking area must accommodate a minimum of one space for every two guestrooms, except for urban areas where a minimum of one space for every four rooms is allowed.

2501.06.F.2 Not Applicable to this Brand

2501.06.F.3 **Canada | United States:** Provide wheelstops where car overhang has the potential of damaging light poles, landscaping or other objects as well as prohibiting any required egress path or path-of-travel.
Mexico: Provide wheelstops where car overhang has the potential of damaging light poles, landscaping or other objects.

2501.06.F.4 Parking and drive areas must be concrete or sealed asphalt.

2501.06.F.5 Heavy-duty, 6"/150 mm thick concrete must be used at trash collection and loading areas.

2501.06.F.6 Provide 6"/152 mm concrete curb and gutter or sloped granite at all edges of the parking lot and drives. Asphalt curbing is not allowed. Turned-down slab edges are permitted at sidewalks.

2501.06.F.7 Not Applicable to this Brand

2501.06.F.8 Not Applicable to this Brand

2501.06.F.9 **Canada | United States:** Parking lot striping must be white, except where other colors are required by local codes for fire lanes, accessible parking, no parking zones, etc.
Mexico: Parking lot striping must be white, except where other colors are required for fire lanes and no parking zones. The striping colors must comply with local code requirements.

2501.06.G Drives

2501.06.G.1 Not Applicable to this Brand

2501.06.G.2 Not Applicable to this Brand

2501.06.G.3 **Canada | United States:** The drive lane minimum width must be 24'-0”/7.3 m between parking stalls.
Mexico: The drive lane minimum width must be 19’-8”/6.0 m between parking stalls.

2501.06.G.4 Not Applicable to this Brand

2501.06.G.5 Dead end drive lanes are not allowed.

2501.06.G.6 All paint and painted markings on paved surfaces must be washable and anti-skid.

2501.06.H Parking Stalls

2501.06.H.1 Parking stalls must be a minimum of 18’-0”/5.5 m long.

2501.06.H.2 **Canada | United States:** Parking stalls must be a minimum of 9’-0”/2.75 m wide centerline to centerline. A maximum of 25 percent of the parking stalls may be compact stalls.
Mexico: Parking stalls must be a minimum of 8’-3”/2.5 m wide centerline to centerline.

2501.06.I Parking Garage/ Covered Parking

All of the requirements for surface parking, as well as the following, apply to garages and covered parking.

2501.06.I.1 Not Applicable to this Brand

2501.06.I.2 Garage must be located within a short distance from the main hotel entrance.

2501.06.I.3 Finish Options - Parking Garage/ Covered Parking

2501.06.I.3.a **Canada | United States:** Floor: Steel trowel finished concrete, hardened and epoxy sealed. Floors exposed to external elements must be waterproofed and non-slip in design.
Mexico: Floor: Steel trowel finished concrete, hardened and epoxy sealed, paint optional. Floors exposed to external elements must be waterproofed.

2501.06.I.3.b Wall: Concrete or concrete block, paint optional; protective barriers must be installed at areas vulnerable to damage.

2501.06.I.3.c **Canada | United States:** Ceiling: Concrete finish; paint optional when finish quality does not consist of form prints, holes or surface defects. Suspended acoustical tile ceilings are permitted only where occurs at sublevel of the hotel and is necessary for screening of equipment or piping, etc.
Mexico: Ceiling: Painted concrete. Suspended acoustical tile ceilings are permitted only where sublevel of the hotel and necessitated by screening of insulation, piping, etc.

2501.06.I.3.c.1 Parking garages must have a minimum clear ceiling height of 8’-0”/2.4 m.

2501.06.I.4 Light fixtures must be suitable for outdoor installation. Wrap-around type fluorescent fixtures are not permitted. Exposed lamp fixtures are not permitted. Fixtures must be located outside of drive lanes.

2501.06.I.5 Parking garages must be designed to provide positive drainage to prevent standing water.

2501.06.I.6 Not Applicable to this Brand

2501.06.I.7 Parking garages or ramps designed with exterior decorative screens rather than permanent walls must be equipped with suitable protective guardrails for guest safety and protection.

2501.06.J Parking Control

Mexico: Parking Control

2501.06.J.1 **Mexico:** Parking control is optional but must be installed in certain markets as designated by Hilton. When provided, it must adhere to these standards.

2501.06.J.2 **Mexico:** Guests parking in the garage receive tickets from the entrance barrier on the way into the garage. Upon leaving, guests present their tickets at a Payment Station where payment is received and the ticket is processed to enable guests to leave the car park or garage.

2501.06.J.3 **Mexico:** Entrance/exit barriers must provide control of access in and access out.

2501.06.J.4 **Mexico:** Each entry lane must consist of entry station with graphical LED/LCD display, barcode ticket printer, proximity pass-card reader, integrated heating unit, voice intercom point with battery backup facility, barrier gate with folding rising arm, barrier arm knock off sensor, internal manual raise/lower switch and dual channel loop detector.

2501.06.J.5 **Mexico:** Each exit lane must consist of exit station with graphical LED/LCD display, barcode ticket reader, proximity pass-card reader, collection tray for retained tickets, integrated heating unit, voice intercom point and battery backup facility, barrier gate with folding rising arm, barrier arm knock off sensor, internal manual raise/lower switch and dual channel loop detector.

2501.06.J.6 **Mexico:** Payment Stations

a. Payment stations must be provided at the front desk, an automatic pay station or at a manned parking control booth.

b. Automatic pay stations must be clearly visible with signage explaining tariffs and use.

c. Automatic pay stations must consist of LED/LCD display, coin acceptance, banknote acceptance, credit card acceptance, sufficient recycling coin tubes, lost ticket facility, barcode ticket reader, battery backup memory, receipt printer, intercom call point, two coin safes per machine and two note safes per machine.

2501.06.J.7 **Mexico:** Parking Control Booths

a. Manned parking control booths are optional.

b. Booths must have heating, ventilation and refrigerant air conditioning.

c. Booths must have electrical and data connections for property management system and a telephone outlet.

2501.06.J.8 **Mexico:** The ticket machine, barriers and automatic pay station must have an intercom to the front desk.

2501.06.J.9 **Mexico:** A central server for the car park system must be located within the Computer/Telecom Room.

2501.06.J.10 Parking Control Systems & Guest Room Key Cards

Mexico: Parking control systems must be able to use both guest room key cards, and Digital Key (when activated at the hotel) for entry and exit. This would include having a dedicated key reader that can support both key cards and Digital Key at each gate.

2501.06.K Electric Vehicle (EV) Charging Stations

Canada | United States: Electric Vehicle (EV) Charging Stations

2501.06.K.1 **Canada | United States:** Provide minimum of two EV charging stations. Charging stations must have both universal and proprietary charging capabilities.
A minimum of one of these EV charging stations must be designed for accessible access unless more are required by the local jurisdiction.
1) The EV charging station must be positioned for accessible use.
2) A striped area no less than 5'-0"/1.5 m wide next to the vehicle must be available for ADA access to the EV charging station,
3) This parking space is not required to display the International Symbol of Access and should not be considered as one of the property's ADA parking stalls, unless required by the local jurisdiction.

2501.06.K.2 **Canada | United States:** Stations must be protected or positioned to prevent damage from vehicles by using bollards and/or wheel stops.

2501.06.K.3 **Canada | United States:** Power supplied to the stations must be provided underground. Power equipment including electrical panels and H-Frame panels, wireless internet equipment, and antennas must be placed outside of guest view, and/or behind landscaping or fencing/screening. Conduit must be painted the same color as the surrounding surfaces.

2501.06.K.4 **Canada | United States:** Self-serve EV charging stations must provide level 2 (208–240-volt AC input) charging capabilities. Self-serve Level 3 DC Fast Charging is not permitted. EV charging at standard 120-volt AC outlets is not permitted.

2501.06.K.5 **Canada | United States:** Features must include the following:
24/7 driver assistance through EV charging provider.
Notifications to driver of charge status including completion or interruption of charge.
Cord management system including long reach and storage.
Universal charging capabilities.

2501.06.K.6 Not Applicable to this Brand

2501.06.K.7 Not Applicable to this Brand

2501.06.K.8 **Canada | United States:** Signage must be provided designating parking space(s) for the electric vehicle charging stations. Refer to section 2519.04.

2501.06.K.9 Not Applicable to this Brand

2501.06.K.10 Not Applicable to this Brand

2501.06.K.11 **Canada | United States:** Stations must be activated and networked using a cellular network. Stations are not permitted on hotel WiFi. Networked stations must allow for remote monitoring, maintenance, payment processing, and real-time availability for guests.

2501.06.K.12 **Canada | United States:** Non-functioning stations must be placed out of service using appropriate signage within 24 hours of notification. A service request must be placed with the EV charging provider within 24 hours of notification for repair or replacement. Service calls must be completed by certified professionals.

2501.06.K.13 **Canada | United States:** Installation and maintenance of stations must be completed by certified professionals. All local electrical codes and safety standards must be met or exceeded.

2501.07 Flag Poles
Mexico: Flag Poles

2501.07.A Flag Poles

Canada | United States: A flag is optional but, when provided, must be installed on a pole. The pole finish must coordinate with building exterior materials and color schemes. If multiple poles are utilized, they must be spaced so that one flag cannot wrap around the pole of another. Refer to sections 723.01 and 1008.02.

Mexico: A minimum of one flagpole is required. If multiple poles are used, they must be spaced so that each flag cannot wrap itself around another pole. Flag pole finish must coordinate with exterior materials and color schemes.

2501.07.B Flag Pole Lighting

Canada | United States: Flags must be illuminated. Lighting must be ground-mounted up lighting (3000K) aimed on the flags. Pole mounted fixtures 8’-0”/2.4 m above grade are allowed in climates susceptible to snow.

Mexico: Flags must be illuminated. Lighting must be ground-mounted up lighting aimed on the flags. Pole mounted fixtures 8’-0”/2.4 m above grade are allowed in climates susceptible to snow.

2501.08 Exterior Lighting/Electrical

Refer to Section 2514.08, Electrical, for requirements applicable to this section.

2501.08.A Not Applicable to this Brand

2501.08.B Not Applicable to this Brand

2501.08.C Guest Entrance Lighting

All guest entrances must be well lit and readily identifiable.

2501.08.D Exterior Light Fixtures

All exterior light fixtures must be suitable for outdoor installation and must have coordinated color temperature and characteristics.

2501.08.E Building Accent Lighting

Canada | United States:
Provide concealed, recessed LED strip lighting at these four (4) conditions:

1. Along the perimeter of each End Cap located on each end of the building;
2. At the underside of secondary entrances overhangs;
3. At the underside and along the full length of the Frame element; and
4. Along the vertical and horizontal edges separating the Monolithic Plane and the Accent Cladding.

Mexico: Provide architectural lighting to accent the building's exterior façade. Illuminate major building masses, but do not light guestroom windows. Conceal light sources within building elements and in landscaped areas.

2501.08.F Parking Lot Fixtures

Parking lot light fixtures must not be used for building uplighting.

2501.08.G Exterior Decorative Lighting

Canada | United States: Exterior Decorative Lighting

2501.08.G.1 **Canada | United States:** Primary entrance to site must have accent lighting to highlight the entry and entry landscaping. Pole mounted lighting is not permitted.

2501.08.G.2 **Canada | United States:** Outdoor pool area must be illuminated.

2501.08.G.3 **Canada | United States:** Lighting must be pole-mounted. Lighting must be high energy efficient and long life.

2501.08.G.4 **Canada | United States:** Maximum pole height is 15'-0"/9.0 m. Cut-off shields or similar devices must be used to prevent glare and annoyance.

2501.08.H Site Lighting Control

Exterior lighting must be controlled by a photocell with a manual override switch, by time clock or by building automation system - located in the back of house area. The control system must switch all lights on and off simultaneously.

2501.08.I Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2501.08.J Parking Lighting

2501.08.J.1 The parking area must be illuminated.

2501.08.J.2 Parking area and drive lighting must be pole-mounted. Lighting must be high energy efficient and long life.

2501.08.J.3 Maximum pole height is 30'-0"/9.0 m. Cut off shields or similar devices must be used to prevent glare and annoyance.

2501.08.K Not Applicable to this Brand

2501.08.L Exterior Power Outlets

Provide exterior power outlets (socket outlets) around the building perimeter.

2502.00 Lobby Area

Refer to Sections 2514.00, Technical Criteria, and 2515.00, Furnishings, Fixtures, and Equipment, for requirements applicable to this section.

2502.01 Vestibule

2502.01.A Vestibule Depth & Door Requirements

Canada | United States: A minimum 12'-0"/3.66 m deep vestibule is required at the main entrance to the lobby. Doors must be bi-parting automatic sliders with a breakaway feature and provide a minimum 5’-0”/1.5 m opening.

Mexico: A vestibule is required at the entrance to the lobby. Doors must be automatic sliding with a breakaway feature and provide a minimum 6'-0"/1.8 m opening.

2502.01.B Revolving Doors

Automatic revolving doors are allowed. They must be a minimum 10’-0”/3 m diameter.

2502.01.C Not Applicable to this Brand

2502.01.D Automatic Revolving Doors

Canada | United States: When automatic revolving doors are provided, a single 42”/1.07 m swing door must be provided directly adjacent to the revolving door.

Mexico: When automatic revolving doors are provided, a single 42”/1.07 m door must be provided directly adjacent to the revolving door.

2502.01.E Manual Locks

Canada | United States: Any manual locks on the doors must be deactivated or removed.

Mexico: Any manual locks on the doors must be disengaged.

2502.01.F Nighttime Security Requirements

Canada | United States: Provide magnetic locks and intercom with buzzer at primary doors. At all primary and secondary doors, provide key card access during off hours. Provide remote release to securable primary entrance doors at front desk.

Mexico: According with the Lobby location or if the hotel has a jump lobby, provide magnetic locks, intercom with buzzer, and card key access on primary and secondary entrance doors that will lock entrance doors during off hours. Provide remote release to securable primary entrance doors at front desk.

2502.01.G Not Applicable to this Brand

2502.01.H Not Applicable to this Brand

2502.01.I Finish Options - Vestibule

2502.01.I.1 **Canada | United States:**

Floor: Porcelain tile, 100% nylon carpet tile (cut pile construction, yarn type: nylon and monofilament, modular 50 cm tiles, lifetime warranty). Provide walk-off mat or inlaid pediment mat at the main Vestibule - refer to Section 724.01.

Mexico: Floor: Porcelain tile, natural stone, wood - tongue and groove

2502.01.I.1.a **Canada | United States:** Base: 4"/100 mm (minimum) porcelain tile, wood
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, natural stone, wood

2502.01.I.2 **Canada | United States:** Wall: Vinyl wallcovering
Mexico: Wall: Vinyl wallcovering, paint

2502.01.I.3 Ceiling: Paint on gypsum, acoustic ceiling tile

2502.01.J Not Applicable to this Brand

2502.01.K Branded Graphics

Canada | United States:
Brand required welcome and exit graphics must be provided.

Mexico: Refer to the Interior Signage & Graphics Package at https://designinformation.hilton.com.

2502.01.L Not Applicable to this Brand

2502.01.M Not Applicable to this Brand

2502.01.N Not Applicable to this Brand

2502.01.O Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2502.02 Lobby

2502.02.A Not Applicable to this Brand

2502.02.B Lobby Concept

Canada | Puerto Rico | United States: All lobbies must include the following design elements: Front Desk, Coffee Serving Table, Communal seating with integrated convenience outlets, Dining Seating, Semi-private Lounge Seating, Mixed Media Divider Wall (varied artwork and mediums), Breakfast Serving Area, Breakfast Serving Area Doors (where feasible), Accessible Dining Space, Treats.

Mexico: All construction must comply with the elements and zones shown in the prototype.

2502.02.C Not Applicable to this Brand

2502.02.D Lobby Areas

Mexico: Four Zones – Welcome (includes The Hub), Flex Lounge, Living Social and Dining Zone – make up the lobby area. While these four zones together form the lobby, they each have their own individual use and identity.

2502.02.E HUB

Mexico: The Hub is composed of the front desk, 24/7 snacks, and the bar. The front desk side must face the main entry creating the primary focal. It is the major organization element for all of the Zones. Adjacency to the Flex Lounge Zone and Living Social Zone is required.

2502.02.F Not Applicable to this Brand

2502.02.G Luggage Cart Area

Canada | Puerto Rico | United States: An accessible area designated for luggage carts must be provided. Entrance vestibules may not be used for cart storage.

Mexico: An accessible area designated for luggage carts must be provided.

2502.02.H Not Applicable to this Brand

2502.02.I Not Applicable to this Brand

2502.02.J Finish Options - Lobby

Canada | United States: Finish Options - Lobby**Mexico:** Finish Options - Lobby

2502.02.J.1 **Canada | United States:** Floor: Carpet (broadloom, carpet tile), porcelain tile. Refer to the prototype for material requirements for each lobby area.

Mexico: Floor: Carpet (broadloom, carpet tile and high definition CYP 42 oz.), porcelain tile, ceramic tile, natural stone. Hard surface flooring with inset carpet or area rugs is required where shown in the prototype drawings. Carpet or area rugs must cover 20-50 percent of the floor in the lobby zones.

2502.02.J.1.a **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile, wood, millwork profile through-body synthetic
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, wood, natural stone

2502.02.J.2 **Canada | United States:** Wall: Vinyl wallcovering, paint at exterior window walls only
Mexico: Wall: Vinyl wallcovering, paint, wood, venetian plaster, porcelain tile, ceramic tile, natural stone. Wood veneer is required on the Welcome Wall.

2502.02.J.3 Ceiling: Paint on gypsum, acoustic ceiling tile

2502.02.J.3.a **Canada | United States:** Ceiling must be 9’-0”/2.7 m or higher for Hampton; 12’-6”/3.8 m or higher for Hampton Inn & Suites.

2502.02.K Hospitality Station

Canada | United States: A Hospitality Station, including hydration, coffee, and a food delivery drop-off point, must be provided within the vicinity of the front desk, outside of the breakfast serving area.

Mexico: A media wall must be located in the Flex Lounge Zone. Refer to the prototype drawings for details.

2502.02.K.1 **Canada | United States:**

The Hospitality Station must have the following requirements:

- Minimum 24"/700 mm deep x 96"/2.4 m long x 34”/865 mm high (from finished floor to top of finished counter surface material) wrapping around lobby column;
- Quartz or granite top with water and stain-resistant sealer-- tile or cultured marble are not acceptable;
- 8"/203 mm round hole with eased edges for trash in the counter top, centered above the concealed garbage bin cabinet space as indicated on the prototype drawings;
- Shelf beneath the countertop; and
- Drawers.

Refer to the prototype drawings for more information.

2502.02.L Fireplace

Fireplace - Optional

2502.02.L.1 Fireplaces must be gas-fired.

2502.02.L.2 Units must be metal, prefabricated and approved by UL or the local gas standard.

2502.02.L.3 Metal flues must extend above the roof or be direct vent to the exterior. Ventless fireplaces are not allowed.

2502.02.L.4 Gas fireplaces must have switched or remote starters. Gas supply must automatically shut off when flame or pilot light is extinguished.

2502.02.L.5 A remote control located at front desk must be provided and connected to the fireplace starter.

2502.02.L.6 Fireplace must have a ceramic glass panel or tempered glass doors to keep flame inaccessible to guests.

2502.02.M Electrical

2502.02.M.1 **Canada | United States:** Lighting must be switched from panels located within a team member area not accessible by guests.
Mexico: Lighting must be switched from panels located within a team member area not accessible by guests. Lighting within the area must be dimmable.

2502.02.M.2 **Canada | United States:** Provide lighting layout as shown in prototype drawings.

2502.02.M.3 **Mexico:** Recessed compact fluorescent downlights and low energy feature lighting must be used in the Welcome, Living Social and Work Zones. The Flex Lounge and Dining Zones must be primarily spill light from floor lamps and pendants or up lighting of architectural elements and focused lighting on artwork. The lighting of each Zone must be controlled separately within the HUB area.

2502.02.M.4 **Canada | United States:** Provide lighting at soft seating areas.
Mexico: Provide lighting at each seating area as shown in the prototype drawings.

2502.02.M.5 Not Applicable to this Brand

2502.02.M.6 Not Applicable to this Brand

2502.02.M.7 Refer to Section 2514.08 for minimum light level requirements.

2502.02.M.8 **Canada | United States:** Power outlets (socket outlets) must be provided for guest use integrated into the guestroom and public space FF&E as shown in the prototype drawings and specifications. Power outlets (socket outlets) must include a safety listing as provided by a nationally recognized testing laboratory, 2 power outlets (socket outlets) and 2 USB ports.
Mexico: A combination of both wall and floor power outlets (socket outlets) must be provided for guest use where indicated on the prototype drawings.

2502.02.N House Telephone Outlets

Canada | United States: Provide a minimum of one outlet for a house telephone in the lobby area.

2502.02.O TV Requirements

Canada: A television is required and must be easily viewable from the seating area. The television must be wall-mounted but may not be mounted on an adjacent guestroom wall. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09.

Mexico: A television is required in each of the Welcome Hub Zone (Bar side and Registration side) and Flex Lounge Zone (Media Wall). Each must be wall mounted but may not be mounted on an adjacent guestroom wall. An unobstructed view of the televisions from the seating areas must be provided. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09.

United States: A television is required and must be easily viewable from the seating area. The television must be wall-mounted but may not be mounted on an adjacent guestroom wall. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09. Each television requires a grounded power outlet (socket outlet), CAT6 cable and coaxial cable.

2502.02.P Furnishings, Fixtures and Equipment

2502.02.P.1 Not Applicable to this Brand

2502.02.P.2 **Canada | United States:** Seating must accommodate the number of persons equal to 35 percent of the bed count excluding sleeper sofas. 65 percent of the required seating must be dining seating. In no case must there be less than 55 seats provided without Hilton approval.

Mexico: Minimum number of seats within the Lobby area (inclusive of all zones, exclusive of any exterior seating) must be no less than 0.70 seats per guestroom.

2502.02.P.3 **Canada | United States:**

Seating must be composed of several types of seating zones:

- Soft seating;
- Traditional dining seating;
- Perch seating;
- Communal seating;
- Semi-private lounge seating; and
- Work seating.

Dining seating is required to be a mix of 2-top and 4-top tables.

Mexico: Seating within the lobby must be separated into the four different Zones. The Zones must contain furnishings as shown in the prototype drawings.

2502.02.P.4 Not Applicable to this Brand

2502.02.P.5 Seating

Canada | United States: Public area seating to be comprised of counter stools, dining chairs, and lounge-style dining seating in a variety of styles and experiences tailored for singles, couples, groups, and families that all must support comfortable dining. Lounge seating that does not accommodate dining may be included only after required dining seating count is achieved.
Mexico: Seating

2502.02.P.5.a **Canada | United States:** A communal sofa grouping must be provided with integrated convenience power. Back pitch not to exceed 99 degrees maximum.

2502.02.P.5.b **Canada | United States:** Fully upholstered lounge chairs must be provided at the tea-height tables. Vinyl is not permitted. Back pitch must not exceed 109 degrees maximum.
Mexico: Sofas must be fully upholstered. The seat height of the sofas must be coordinated with the height of the dining tables.

2502.02.P.5.c **Canada | United States:** All lounge-style seating must be coordinated with the accompanying dining table using the compressed seat cushion height to ensure appropriate coordination.
Mexico: Lounge chairs must have upholstered seats or decorative finish as indicated in the prototype drawings.

2502.02.P.5.d **Canada | United States:** Armless, upholstered dining chairs must be provided. Back pitch not to exceed 99 degrees maximum.

2502.02.P.5.e **Canada | United States:** Armless, counter-height bar stools must be provided. Upholstered seats are required. Footrests must be clad in metal.

2502.02.P.5.f Ottomans must have upholstered seats.

2502.02.P.5.g **Canada | United States:** Fully upholstered lounge seating with arms (not used for dining) must be provided. Vinyl is not permitted. In the Flex Space where this seating is used or TV viewing/casual work, provided a swivel base. At the privacy chairs, provide high upholstered back and arms for acoustic privacy.

2502.02.P.5.h **Canada | United States:** A focal sofa must be provided at the entry. Vinyl not permitted.
Mexico: Provide a mix of wood-framed dining chairs with and without upholstered seats and backs.

2502.02.P.5.i Not Applicable to this Brand

2502.02.P.5.j Not Applicable to this Brand

2502.02.P.5.k **Canada | United States:** When included, bar stools must have upholstered seats and backs. Footrests to be clad in metal.
Mexico: Provide a mix of wood-framed bar stools with and without upholstered seats and backs.

2502.02.P.6 Tables

Canada | United States: Public area seating to be comprised of counter-height, dining-height, and tea-height groupings in a variety of styles and experiences tailored for singles, couples, groups, and families that all must support comfortable dining. Cocktail-height groupings may be included only after required dining seating is achieved. Guest convenience outlets must be included per the seating types shown in the prototype minimum.
Mexico: Tables

2502.02.P.6.a **Canada | United States:** Dining tables must be 30"/760 mm high; tea-height tables must be 24 7/8"/632 mm high.

2502.02.P.6.b Tables used in lobby area must be high quality, commercial grade. The top surface material must be compliant with Section 2515.04.

2502.02.P.6.c Commercial-grade bases must be provided for sturdy support of all tables.

2502.02.P.6.d **Canada | United States:** Dining tables must have quartz, stone, or high-pressure laminate (HPL) tops with wood or PVC edge banding.
Mexico: Dining tables must have solid surface, stone or high pressure laminate tops with a wood or PVC edge.

2502.02.P.6.f Not Applicable to this Brand

2502.02.P.6.g **Canada | United States:** Counter-height communal table dimensions must follow the prototype drawings. Tops must be engineered stone, quartz, natural granite, high-pressure laminate (HPL) with wood or PVC edge banding. Tile or cultured marble tops are not acceptable. Table must have convenience power. If power is located on table skirt, units must be spaced equally around the table. If power is located directly in the tabletop, outlets must be UL-listed and meet UL spill test requirements. Local equivalent of UL allowed.
Mexico: The Communal Tables must be at least 30”/76 cm wide x 78"/200 cm length x 42”/107 cm high and accommodate a minimum of six barstools. Tops must be engineered stone, quartz, natural granite, high pressure laminate with wood edge or wood with protective polyurethane finish. Tile or cultured marble tops are not acceptable. Table must have power outlets (socket outlets and USB/USB-C dual ports). If power is located on table skirt, outlets must be spaced equally around the table. If power is located directly in the table top, outlets must be UL listed and meet UL spill test requirements. Local equivalent of UL allowed. All existing USB outlets to be changed to USB-C outlets during renovations and conversions.

2502.02.P.7 Not Applicable to this Brand

2502.02.P.8 Not Applicable to this Brand

2502.02.P.9 **Canada | United States:** The Print Station is required in the Flex seating space. Provide wall connections (electrical power and data) and a printer in the Flex Area. Refer to prototype specifications for printer station details.

2502.02.P.10 **Canada | United States:**

Hotels must install the brand approved graphics.

2502.02.P.11 **Canada | United States:** If an ATM is provided it must be purposefully integrated within a fitted gypsum niche or clad with a millwork surround that coordinates with the surrounding interior finishes. Freestanding types are not permitted. Provide power (socket) outlets and data ports.

2502.03 Not Applicable to this Brand

2502.04 Front Desk

2502.04.A Workstation Quantities

Provide the following minimum number of registration workstations:

- Two stations: < 150 keys
- Three stations: 151 - 250 keys
- Four stations: 251 - 350 keys
- Five stations: 351 - 400 keys

2502.04.B Not Applicable to this Brand

2502.04.C Not Applicable to this Brand

2502.04.D Not Applicable to this Brand

2502.04.E Not Applicable to this Brand

2502.04.F Not Applicable to this Brand

2502.04.G Not Applicable to this Brand

2502.04.H Door Frame Finish

Canada | Puerto Rico | United States: Any door frames located on the front desk back wall must be painted to match the wall covering with two coats of semi gloss paint.

2502.04.I Finish Options - Front Desk/Reception Desk

2502.04.I.1 **Canada | United States:** Floor: Porcelain tile
Mexico: Floor: Porcelain tile, ceramic tile, natural stone

2502.04.I.1.a **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile, wood, through-body synthetic.
Mexico: Base (minimums): 4"100 mm porcelain tile, ceramic tile, natural stone

2502.04.I.1.b **Canada | United States:** The lobby flooring must continue behind the front desk. Anti-static/anti-fatigue mats are required behind the freestanding desks. Implement black or neutral colors.
Mexico: At freestanding desks, the lobby flooring must continue behind the front desk. Anti-static/anti-fatigue mats are required behind the freestanding desks, but their design must be approved by Hilton.

2502.04.I.2 **Canada | United States:** Wall: Vinyl wallcovering
Mexico: Wall: Paint, vinyl wallcovering (use must be pre-approved by Hilton)

2502.04.I.3 Ceiling: Paint on gypsum, acoustic ceiling tile

2502.04.J Front Desk Millwork

2502.04.J.1 **Canada | United States:** Refer to the prototype drawings for millwork details.
Mexico: The front desk must be part of the HUB. Refer to the prototype drawings for millwork details.

2502.04.J.2 **Canada | United States:** Computer monitors must not be within guest view above the countertop.

2502.04.J.3 Not Applicable to this Brand

2502.04.J.4 The front desk finishes must be as follows:

2502.04.J.4.a **Canada | United States:** All countertop surface materials must be granite or quartz.
Mexico: The top surface material (guest side) must be compliant with Section 2515.04. Cultured marble and tile are not allowed.

2502.04.J.4.b **Canada | United States:** The face of the desk must be stained wood in a design as shown in the prototype drawings
Mexico: The face of the desk must be finished per the prototype drawings or with a material approved by Hilton.

2502.04.J.4.c **Mexico:** The team member side of the front desk must be high pressure plastic laminate as a minimum.

2502.04.K Not Applicable to this Brand

2502.04.L Front Desk Focal Wall
Canada | United States: Front Desk Focal Wall**Mexico:** Front Desk Focal Wall

2502.04.L.1 **Canada | United States:** The wall behind the front desk must consist of open finish framing to include the brand required graphic. Refer to the prototype drawings for details.
Mexico: A commercial HDTV with dedicated scrolling media must be provided as a backdrop to the Hub. It is to separate the front desk from the bar as shown in the prototype drawings. Graphic artwork and its location must be approved by Hilton. Refer to the prototype drawings.

2502.04.M Electrical

2502.04.M.1 **Canada | United States:** Recessed lighting must be provided over the front desk with additional wall washers highlighting the focal wall as shown on the prototype drawings. Refer to Section 2514.08 for minimum light level requirements.
Mexico: Lighting must be provided over the front desk as shown on the prototype drawings. Refer to Section 2514.08 for minimum light level requirements.

2502.04.M.2 Not Applicable to this Brand

2502.04.M.3 Each workstation must have the following as a minimum:

2502.04.M.3.a **Canada | United States:** Above the counter: A duplex power outlet (socket outlet).
Mexico: Above the counter: a duplex power outlet (socket outlet), single telephone outlet and two data ports. Dedicated phone lines are required.

2502.04.M.3.b **Canada | United States:** Below the counter: two quad power outlets (socket outlets), single telephone outlet and 6 data ports. Dedicated phone lines are required. All outlets must be dedicated and grounded.
Mexico: Below the counter: two quad power outlets (socket outlets) and four data ports. All outlets must be dedicated and grounded.

2502.04.M.4 The power outlets (socket outlets) below the desk must not be on the same dedicated grounded circuit as the outlets above the desk. Each dedicated circuit may provide power up to three workstations.

2502.04.N Furniture, Fixtures and Equipment

2502.04.N.1 Not Applicable to this Brand

2502.04.N.2 Not Applicable to this Brand

2502.04.N.3 **Canada | United States:** Hotels must install the brand approved graphics.
Mexico:

Brand approved graphics/artwork is required. Refer to https://designinformation.hilton.com for more information.

2502.04.N.4 **Mexico:** Safe deposit boxes are required only in absence of guestroom safes or when required by the local jurisdiction. When safe deposit boxes are provided, a minimum of one box for every 20 guestrooms is required.

2502.04.N.5 Not Applicable to this Brand

2502.04.N.6 Not Applicable to this Brand

2502.04.N.7 Not Applicable to this Brand

2502.04.N.8 **United States:**

(California Only) When required, seating must be provided for Front Desk team members. Seating must comply with the following:

- Seating and upholstery must be manufacturer's commercial grade.
- Stack chairs and folding banquet tables are not allowed.
- Clearance from the seat to the front desk millwork must be no less than 8”/200 mm to allow for leg clearance from the seat to the bottom of the apron.

2502.05 Not Applicable to this Brand

2502.06 Not Applicable to this Brand

2502.07 Not Applicable to this Brand

2502.08 Not Applicable to this Brand

2502.09 Luggage Room

2502.09.A Luggage Room Requirement

Canada | United States: A luggage storage area is optional.

Mexico: A luggage storage area must be provided in close proximity to the front desk. Access to the luggage area is required from the lobby or within the front office area.

2502.09.B Not Applicable to this Brand

2502.09.C Not Applicable to this Brand

2502.09.D Not Applicable to this Brand

2502.09.E Not Applicable to this Brand

2502.09.F Door Hardware

Doors must have a door closer with a hold open feature.

2502.09.G Finish Options - Luggage Room

2502.09.G.1 **Canada | United States:** Floor: Vinyl composite tile (VCT) (when not visible from public areas), porcelain tile
Mexico: Floor: Vinyl composite tile (VCT) (when not visible from public areas), porcelain tile, ceramic tile, natural stone

2502.09.G.1.a **Canada | United States:** Base (minimums): 4"/100 mm millwork profile through-body synthetic, porcelain tile
Mexico: Base (minimums): 4"/100 mm vinyl, porcelain tile, ceramic tile, natural stone

2502.09.G.2 Wall: Paint

2502.09.G.3 Ceiling: Paint on gypsum, acoustic ceiling tile

2502.09.H Racks & Shelving

The luggage storage area must be designed to accommodate a combination of hanging racks and storage shelving units covered in industrial carpet (2'-0"/600 mm deep x 6'-0"/1.8 m high). Provide approximately 25 percent hanging racks and 75 percent shelving units. Each shelf must have a minimum weight allowance of 350 lbs/159 kgs.

2502.09.I Not Applicable to this Brand

2502.09.J Not Applicable to this Brand

2502.09.K Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2503.00 Public Restrooms

Refer to Sections 2514.00, Technical Criteria, and 2515.00, Furnishings Fixtures and Equipment, for requirements applicable to this section.

2503.00.A Restroom Quantities

Canada | Puerto Rico | United States: There must be one restroom each for men and women in the lobby area. The restrooms may only open onto a secondary hallway and may not open onto a public space such as the lobby, elevator lobby or main corridor. The number of lavatories, stalls and urinals required are as indicated on the prototype drawings or as dictated by code, whichever is more stringent.

Mexico: There must be a minimum of one restroom each for men and women in the lobby building. The restroom must not open directly onto the lobby area. The number of wash basins, stalls/cubicles and urinals required are as shown on the prototype drawings or as dictated by local code, whichever is more stringent.

2503.00.B Not Applicable to this Brand

2503.00.C Entrance Doors

All restroom entrance doors must have door closers. A privacy lockset is required, except in multi-stall restrooms where the entry door is not allowed to be lockable. Push/pull plates are required at multi-stall restrooms. Direct line of sight into multi-occupant restroom toward the urinal or water closet is prohibited.

2503.00.D Not Applicable to this Brand

2503.00.E Not Applicable to this Brand

2503.00.F Finish Options - Public Restrooms

2503.00.F.1 **Canada | United States:** Floor: Porcelain tile
Mexico: Floor: Porcelain tile, ceramic tile, natural stone

2503.00.F.1.a **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, natural stone

2503.00.F.2 **Canada | United States:** Wall: Vinyl wallcovering, porcelain or ceramic tile
Mexico: Wall: Vinyl wallcovering, porcelain or ceramic tile, natural stone, paint

2503.00.F.2.a **Canada | United States:** Floor to ceiling tile is required on wet walls (at water closets and urinals) as a minimum.
Mexico: Floor to ceiling tile is required on wet walls (at water closets) as a minimum.

2503.00.F.3 Ceiling: Paint on gypsum, acoustic ceiling tile

2503.00.G Stalls & Partitions

2503.00.G.1 Water Closet Partitions

Water closet partitions and urinal screens are required for multi-stall restrooms.

2503.00.G.2 Not Applicable to this Brand

2503.00.G.3 Not Applicable to this Brand

2503.00.G.4 Partition Installation & Finish

Water closet partitions may be floor or ceiling mounted.

2503.00.G.5 Urinal Screen Installation

Urinal screens must be wall mounted with tamper proof fasteners.

2503.00.G.6 Partition & Door Material

Partitions and screens must be plastic laminate, solid polymer (high density polyethylene) or better. Metal partitions are not allowed.

2503.00.G.7 Partition Door Location

Canada | United States: Partition doors must have a matching hinge location, same side on all doors.

Mexico: Partition doors must be hung from the same side when possible.

2503.00.G.8 Partition Door Width

Canada | Puerto Rico | United States: Water closet partition doors must be 2'-6"/760 mm wide minimum for a clear entry opening when the door is in the 90° full-open door position.

Mexico: Water closet partition doors must be 2'-6"/760 mm wide minimum.

2503.00.H Accessories

2503.00.H.1 Water Closet Stall Required Items

The following items are required within each water closet stall or within the room of single stall toilets:

2503.00.H.1.a **Canada | United States:** Dual toilet tissue dispensers. Plastic is not allowed.
Mexico: A reserve roll toilet tissue holder or surface-mounted dual dispenser.

2503.00.H.1.b Coat hook mounted at 60”/1.5 m above the finished floor.

2503.00.H.1.c **Canada | United States:** Sanitary napkin disposal trash bin within each water closet stall (in multi-stall women's restroom).

2503.00.H.1.d **Canada | United States:** Wall-mounted sanitary seat cover dispenser

2503.00.H.2 Shared Space Required Items

The following items are required within the shared space:

2503.00.H.2.a **Canada | United States:** A minimum of one motion-activated, paper towel dispenser that is recessed or semi-recessed. Electric hand dryers are allowed when used in conjunction with paper towel dispensers.
Mexico: A minimum of one motion-activated, paper towel dispenser that is surface-mounted, recessed or semi-recessed. Electric hand dryers are allowed when used in conjunction with paper towel dispensers.

2503.00.H.2.b Not Applicable to this Brand

2503.00.H.2.c **Canada | United States:** Provide a recessed trash receptacle.
Mexico: Provide a decorative trash receptacle.

2503.00.H.2.d Not Applicable to this Brand

2503.00.H.2.e Not Applicable to this Brand

2503.00.H.2.f **Canada | United States:** Baby changing station required in each public restroom.
Mexico: Provide a recessed baby changing stations that complies with all applicable safety regulations and codes in the men's, women's, and unisex toilets. Baby changing stations are required in the lobby and pool area restrooms. (Alternate location allowed in an accessible stall or separate accessible restroom).

2503.00.H.3 Washbasin Required Items

The following items are required at the washbasin:

2503.00.H.3.a **Canada | United States:** Decorative facial tissue dispenser to be freestanding, on counter. A wall mounted facial tissue dispenser may be used where a wall mounted china lavatory is permitted and installed.

2503.00.H.3.b **Canada | United States:** Decorative touchless liquid soap dispenser. The dispenser must be deck mounted in the vanity. A wall mounted unit is only permitted in single-fixture restrooms when a wall-hung vitreous china lavatory is permitted.

2503.00.I Matching Finishes

All finishes (accessories, fixtures, hardware) must match.

2503.00.J Component Finishes

All finish components must be polished or brushed chrome, brushed nickel or stainless steel.

2503.00.K Exhaust Ventilation

2503.00.K.1 Interlock Toilet Exhaust

For multi-stall restrooms, interlock toilet exhaust fan with an air handling system that provides makeup air for the exhaust air volume. Operate fans continuously.

2503.00.K.2 Negative Toilet Exhaust

Maintain the toilet room negative pressure with respect to adjacent areas by exhausting ten percent more air flow than is supplied directly to the room.

2503.00.L Plumbing

2503.00.L.1 Floor Drain

Install chrome plated brass floor drain and slope floor for proper drainage.

2503.00.L.2 Shock Absorbers

Provide shock absorbers on all flush valve systems with isolation valve and access door for maintenance.

2503.00.L.3 Exposed Plumbing

Exposed plumbing must be chrome-plated.

2503.00.L.4 Water Closet Material

Canada | United States: Water closets must be vitreous china, low flow, with elongated bowls and a touchless flush valve.

Mexico: Water closets must be vitreous china, wall or floor mounted, low flow, with elongated bowls and a touchless flush valve. (Floor-mounted water closets are permitted during renovations and conversions).

2503.00.L.5 Not Applicable to this Brand

2503.00.L.6 Water Closet Seats

Canada | United States: Water closets must have a commercial grade, open-front, solid plastic seat with no lid. The water closet seat must close slowly when released. The color must match the fixture.

Mexico: Water closet seats must match fixture color, be solid plastic, open front, and self-sustaining.

2503.00.L.7 Urinal Material

Canada | United States: Urinals must be vitreous china with a touchless flush valve. When the Men's public restroom has multiple toilet fixtures, a minimum of one urinal must be provided.

Mexico: Urinals must be vitreous china with a touchless flush valve.

2503.00.L.8 Fixture Color

All fixtures must be white.

2503.00.L.9 Faucets

Provide commercial grade faucets that are touchless. All faucets must be plated brass and manufactured by nationally known manufacturers. All fixtures must be low-flow type.

2503.00.M Vanity

2503.00.M.1 Vanity Height

The top of the wash basin must be 34"/860 mm high.

2503.00.M.2 Wash Basin Material

Canada | Puerto Rico | United States: Wash basins must be vitreous china under-mount bowls with an overflow design as a minimum. Single stall restrooms may have a wall-hung china commercial sink meeting local code requirements. Provide preformed protection at the P-trap and any additional plumbing fixtures or valves below the vanity basin/apron, where exposed.

Mexico:
Wash basins must be vitreous china under-mount bowls with an overflow design as a minimum. Single stall restrooms may have a wall-hung china commercial sink meeting ANSI.

2503.00.M.3 Top/Splash Material

Vanity top and splashes must be of a material compliant with Section 2515.04. Splashes must be 4"/100 mm.

2503.00.N Electrical

2503.00.N.1 Lights

Lights must be key switched or have occupancy sensors with a 30 minute delay before switching off. If sensors are used, a single entry light must remain on at all times in multi-stall restrooms.

2503.00.N.2 Not Applicable to this Brand

2503.00.N.3 Not Applicable to this Brand

2503.00.N.4 Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2503.00.N.5 Power Outlets

Canada | United States: Two GFCI/ELCB/RCCB (or equal) power outlets (socket outlets) must be located on a sidewall of the wash basin.

Mexico: GFCI power outlets are not required. All existing power outlets must be changed to GFCI/ELCB/RCCB (or equal) outlets during renovations and conversions.

2503.00.O Furnishings, Fixtures and Equipment

2503.00.O.1 Mirror

Canada | United States: Mirrors are required over the wash basins. Mirrors must be either decorative framed or frameless illuminated.

Mexico: A decorative framed mirror is required above all vanities.

2503.00.O.2 Line of Sight

Direct line of sight via mirror reflection into restrooms is prohibited.

2504.00 Food And Beverage

Refer to Sections 2514.00, Technical Criteria, and 2515.00, Furnishings Fixtures and Equipment, for requirements applicable to this section.

2504.01 Food Prep/ Kitchen

2504.01.A Not Applicable to this Brand

2504.01.B Food Prep Area Location

Provide food prep directly adjacent to food serving area.

2504.01.C Not Applicable to this Brand

2504.01.D Not Applicable to this Brand

2504.01.E Not Applicable to this Brand

2504.01.F Not Applicable to this Brand

2504.01.G Not Applicable to this Brand

2504.01.H Not Applicable to this Brand

2504.01.I Not Applicable to this Brand

2504.01.J Not Applicable to this Brand

2504.01.K Not Applicable to this Brand

2504.01.L Not Applicable to this Brand

2504.01.M Not Applicable to this Brand

2504.01.N Not Applicable to this Brand

2504.01.O Not Applicable to this Brand

2504.01.P Not Applicable to this Brand

2504.01.Q Finish Options - Food Prep/ Kitchen

2504.01.Q.1 **Canada | United States:** Floor: Quarry tile (minimum 6”/150 mm x 6”/150 mm), porcelain tile (minimum 12"/300 mm x 12"/300 mm), epoxy-screed concrete floors, poured resinous flooring system - all having a Static Coefficient of Friction (SCOF) of .60 or greater (NFSI/ANSI B101).
Mexico: Floor: Quarry tile (minimum 6”/150 mm x 6”/150 mm), porcelain tile or ceramic tile (minimum 12"/300 mm x 12"/300 mm), epoxy-screed concrete floors, poured resinous flooring system - all having a Static Coefficient of Friction (SCOF) of .60 or greater (NFSI/ANSI B101).

2504.01.Q.1.a **Mexico:** Kitchen floors must be installed in a two-inch mortar bed. Extend kitchen floor finish into walk-in coolers.

2504.01.Q.1.b Not Applicable to this Brand

2504.01.Q.1.c Not Applicable to this Brand

2504.01.Q.1.d Not Applicable to this Brand

2504.01.Q.1.e **Canada | United States:** Base (minimums): 4"/100 mm quarry tile, porcelain tile. Tile base must be matching, sanitary and coved when possible.
Mexico: Base (minimums): 4"/100 mm quarry tile, porcelain tile, ceramic tile. Tile base must be matching, sanitary and coved when possible.

2504.01.Q.2 **Canada | United States:** Wall: Epoxy paint, porcelain or ceramic tile, fiberglass-reinforced paneling (FRP).
Mexico: Wall: Epoxy paint, porcelain or ceramic tile

2504.01.Q.3 Ceiling: Washable ceiling tile, paint on gypsum

2504.01.R Countertop Materials

Canada | United States: Countertops must be stainless-steel.

Mexico: Provide counter space with both lower and upper cabinets as shown on prototype drawings for storage.

2504.01.S Storage & Shelving

Canada | United States: Provide storage cabinets and/or racks.

Mexico: Provide open wire shelving where shown on prototype drawings.

2504.01.T Not Applicable to this Brand

2504.01.U Not Applicable to this Brand

2504.01.V Plumbing

Plumbing systems must meet the following minimum requirements and local codes, whichever is more restrictive.

2504.01.V.1 Grease Interceptors (if required by local jurisdiction)

2504.01.V.1.a Provide grease interceptors located outdoors in an area serviceable without disruption of normal activities, and out of guest view.

2504.01.V.1.b Use only cast iron for all piping upstream of grease interceptors or grease traps.

2504.01.V.2 Floor Drains/Basins

2504.01.V.2.a **Canada | United States:** Provide a 36" x 7 1/2" x 4" deep, one-piece, stainless-steel, floor trough with beehive strainer at the three-compartment sink.
Mexico: Provide floor drains.

2504.01.V.3 Not Applicable to this Brand

2504.01.V.4 Not Applicable to this Brand

2504.01.V.5 Not Applicable to this Brand

2504.01.V.6 Not Applicable to this Brand

2504.01.V.7 Not Applicable to this Brand

2504.01.V.8 Not Applicable to this Brand

2504.01.V.9 **Canada | United States:** One (1) janitor pantry/cabinet unit: an all-inclusive, stainless-steel unit with mop sink, chemical storage shelf, mop holder locking cams, two (2) swing lockable louvered doors and heavy-duty service faucet. All exposed hardware is to be tamper-proof. See order forms on Hilton's The Lobby website for these and optional equipment.

2504.01.W Not Applicable to this Brand

2504.01.X Electrical

Electrical systems must meet the following minimum requirements and applicable local code, whichever is more restrictive.

2504.01.X.1 Lighting

2504.01.X.1.a Provide recessed LED, vapor-proof fixture with warm white lamps.

2504.01.X.1.b Not Applicable to this Brand

2504.01.X.1.c Not Applicable to this Brand

2504.01.X.1.d Refer to Section 2514.08 for minimum light level requirements.

2504.01.X.2 Power

2504.01.X.2.a **Canada | United States:** Power outlets (socket outlets) must be provided to suit the installed equipment with additional general purpose convenience power outlets (socket outlets) located at easily accessible points. Refer to the Food Service plans and cut sheets for electrical requirements.
Mexico: Power outlets (socket outlets) must be provided to suit the installed equipment with additional general purpose convenience power outlets (socket outlets) located at easily accessible points.

2504.01.X.2.b Protect all power outlets (socket outlets) in kitchen with GFCI/ELCB/RCCB or equal circuits. Refer to Section 2514.08, Technical Criteria for requirements applicable to this section.

2504.01.Y Not Applicable to this Brand

2504.01.Z Equipment

Canada | United States: All equipment must meet the following minimum requirements and applicable local code, whichever is more restrictive. Refer to prototype drawings for approved optional layouts and equipment. Specifications and cut sheets can be found at https://designinformation.hilton.com.

Mexico: All equipment must meet the following minimum requirements and applicable local code, whichever is more restrictive.

2504.01.Z.1 **Canada | Puerto Rico | United States:** Refer to the prototype drawings and the F&B Guide for detailed information on all required equipment, in-wall blocking locations, MP&E rough-ins and requirements, and interior elevations of Food Prep.
Provide for the following commercial-grade equipment:
Mexico: Provide for the following commercial grade equipment:

2504.01.Z.1.a Wash basins required:

2504.01.Z.1.a.1 **Canada | United States:** One (1) three-compartment stainless steel sink with drain boards.

2504.01.Z.1.a.2 One (1) touchless hand wash basin in each food prep area, kitchen, or as required by code, complete with touchless stainless-steel soap and towel dispenser and stainless-steel backsplash.

2504.01.Z.1.a.3 **Canada | United States:** One (1) custom, stainless-steel worktable with integral sink basin and wall shelf directly above the worktable

2504.01.Z.1.b **Canada | United States:** One (1) vertical reach-in refrigerator, 22 ft³/0.329 m³ minimum, with stainless-steel finish and single solid swing door, and one (1) vertical reach-in refrigerator, 40 ft³/1.1 m³ minimum, with stainless-steel finish and dual solid swing doors. All units must be mobile with at least two locking casters. Residential units and top-and-bottom units are not permitted. See order forms on Hilton's The Lobby website for these and optional equipment. Refer to the F&B guide and drawings for ventilation requirements.
Mexico: Refrigerator

2504.01.Z.1.c **Canada | United States:** One (1) vertical reach-in freezer, 22 ft³/0.329 m³ minimum, with stainless-steel finish and single solid swing door, and one (1) vertical reach-in freezer, 40 ft³/1.1 m³ minimum, with stainless-steel finish and dual solid swing doors. All units must be mobile with at least two locking casters. Residential units and top-and-bottom units are not permitted. See order forms on Hilton's The Lobby website for these and optional equipment. Refer to the F&B guide and drawings for ventilation requirements.
Mexico: Freezer

2504.01.Z.1.d **Canada | United States:** One (1) coffee brewer. See order forms on Hilton's The Lobby website.
Mexico: Coffee Brewer

2504.01.Z.1.e **Canada | United States:** One (1) Moffat E32D5 ventless convection oven.
Mexico: Oven(s)

2504.01.Z.1.f Not Applicable to this Brand

2504.01.Z.1.g **Canada | United States:** One microwave oven is required. If a guest-use microwave oven is provided in the complimentary serving area, a microwave oven is not required in the food prep room. See order forms on Hilton's The Lobby website for these and optional equipment.
Mexico: Microwave oven

2504.01.Z.1.h **Canada | United States:** One (1) ice maker and ice bin with an adjacent wall-mounted water filter. See order forms on Hilton's The Lobby website for these and optional equipment. Refer to the F&B guide and drawings for ventilation requirements.

2504.01.Z.1.i **Canada | Puerto Rico | United States:** Undercounter dishwasher (high temperature). See order forms on Hilton's The Lobby website for these and optional equipment.

2504.01.Z.1.j Not Applicable to this Brand

2504.01.Z.1.k Not Applicable to this Brand

2504.01.Z.1.l Not Applicable to this Brand

2504.01.Z.1.m All equipment must have NSF, Underwriters Laboratories or CE labels or code-approved equivalent.

2504.01.Z.1.n **Canada | United States:** One (1) stainless-steel mobile prep island with undercounter shelving and at least two locking casters. See order forms on Hilton's The Lobby website for these and optional equipment.

2504.01.Z.1.o **Canada | United States:** Two (2) stainless-steel mobile prep islands with undercounter shelving and at least two locking casters. See order forms on Hilton's The Lobby website for these and optional equipment.

2504.01.Z.1.p Not Applicable to this Brand

2504.01.Z.1.q Not Applicable to this Brand

2504.01.Z.1.r Not Applicable to this Brand

2504.01.Z.1.s **Canada | United States:** Provide wall shelving and free-standing storage shelving. Refer to the F&B guide and prototype drawings. See order forms on Hilton's The Lobby website for this equipment.

2504.02 Food And Beverage Storage
Mexico: Food And Beverage Storage

2504.02.A Not Applicable to this Brand

2504.02.B Not Applicable to this Brand

2504.02.C Walk-in Cooler Storage
Mexico: Provide a walk-in cooler and freezer.

2504.02.D Not Applicable to this Brand

2504.02.E Not Applicable to this Brand

2504.02.F Not Applicable to this Brand

2504.02.G Not Applicable to this Brand

2504.02.H Finish Options - Food & Beverage Storage
Mexico: Finish Options - Food & Beverage Storage

2504.02.H.1 **Mexico:** Floor: Quarry tile (6”/150 mm x 6”/150 mm), epoxy-screed concrete floors within beer cooler/cellars laid to fall with central floor drain.

2504.02.H.1.a **Mexico:** Base (minimum): 4"/100 mm quarry tile

2504.02.H.2 **Mexico:** Wall: Paint, fiberglass reinforced plastic (FRP)

2504.02.H.3 **Mexico:** Ceiling: Washable ceiling tile, paint on gypsum

2504.02.I Not Applicable to this Brand

2504.02.J Not Applicable to this Brand

2504.02.K Walk-ins
Mexico: Walk-ins

2504.02.K.1 **Mexico:** A walk-in refrigerator and freezer must be provided within the food prep/kitchen area.

2504.02.K.2 **Mexico:** Provide modular, prefabricated walk-in refrigerators and freezers with field-installed, 4"/10 cm, urethane sheet foam insulation, vapor-proof light fixtures, exterior thermostats and high temperature alarm system. Condensate runs and other piping must be run on the exterior of the box.

2504.02.K.3 Not Applicable to this Brand

2504.02.K.4 **Mexico:** Walk-in boxes must be specified without prefabricated floors. Recess and insulate building floor slab below. Isolate all refrigerator and freezer floor slabs from surrounding area. Raised floors in walk-ins and ramps must not protrude into the main circulation path.

2504.02.K.5 **Mexico:** Provide floor recess for door heaters in walk-in boxes.

2504.02.K.6 **Mexico:** Doors on walk-in boxes must not be reach-in doors.

2504.02.K.7 **Mexico:** Walk-in box entrance doors must be a minimum of 3’-0”/900 mm wide and have lockset, kick plate, and closer with hold open feature.

2504.02.K.8 **Mexico:** Provide escape hardware on inside of the walk-in box entrance door.

2504.02.K.9 **Mexico:** Shelving in walk-in refrigerators must consist of approximately 1/3 full height shelving, 1/3 dunnage racks and 1/3 open area. Place full height shelving to rear of refrigerator.

2504.02.K.10 **Mexico:** Size condensing units and evaporator coils for walk-in boxes to operate refrigerator at +35 °F/1.6 °C and freezer at -10 °F/-23 °C.

2504.02.K.11 **Mexico:** Provide shielded vapor-proof ceiling lights in walk-in boxes. All conduit runs must be on the exterior of the box except the drop to the switch. Provide three way switches for boxes with two or more doors.

2504.02.L Electrical
Mexico: Electrical

2504.02.L.1 **Mexico:** All large compressors must be remotely located from the equipment they service, either rack-mounted in an adjacent compressor room or clustered on the roof above in a weatherproof enclosure and screened from guest view.

2504.02.L.2 **Mexico:** Provide a separate circuit for each compressor or each packaged compressor system that incorporates on-board distribution wiring.

2504.02.L.3 **Mexico:** Provide a minimum of two convenience power outlets (socket outlets) on each wall with spacing not to exceed 20’-0”/6.0 m on center and two convenience power outlets (socket outlets) at the entrance of each storage area.

2504.02.L.4 Not Applicable to this Brand

2504.02.L.5 **Mexico:** Refer to Section 2514.08 for minimum light level requirements.

2504.03 Not Applicable to this Brand

2504.04 Bar

Mexico: Bar

2504.04.A Not Applicable to this Brand

2504.04.B Not Applicable to this Brand

2504.04.C Not Applicable to this Brand

2504.04.D Not Applicable to this Brand

2504.04.E Not Applicable to this Brand

2504.04.F Not Applicable to this Brand

2504.04.G Bar Location

Mexico: The Bar is a component of the HUB. See prototype drawings and F&B Guide for bar layout and requirements.

2504.04.H Not Applicable to this Brand

2504.04.I Not Applicable to this Brand

2504.04.J Not Applicable to this Brand

2504.04.K Not Applicable to this Brand

2504.04.L Not Applicable to this Brand

2504.04.M Not Applicable to this Brand

2504.04.N Not Applicable to this Brand

2504.04.O Not Applicable to this Brand

2504.04.P Not Applicable to this Brand

2504.04.Q Not Applicable to this Brand

2504.04.R Not Applicable to this Brand

2504.04.S Finish Options - Bar/Lounge

Mexico: Finish Options - Bar/Lounge

2504.04.S.1 **Mexico:** Floor: Porcelain tile, ceramic tile, natural stone

2504.04.S.1.a **Mexico:** Base (minimums): 4"/100 mm porcelain tile, ceramic tile, natural stone

2504.04.S.2 **Mexico:** Wall: Paint, wallcovering

2504.04.S.3 **Mexico:** Ceiling: Paint on gypsum

2504.04.T Not Applicable to this Brand

2504.04.U Back Bar Millwork Requirements

Mexico: The bar must comply with the following: (Refer to the prototype drawings for specifics.)
The bar counter must be a permanent fixture.
The customer countertop of the HUB must have the same finishes as the Front Desk.
Provide footrests and purse hooks.
The team member side countertop must be stainless steel.

2504.04.V Not Applicable to this Brand

2504.04.W Not Applicable to this Brand

2504.04.X Electrical

Mexico: Electrical

2504.04.X.1 Not Applicable to this Brand

2504.04.X.2 **Mexico:** Lighting must be provided over the Bar and integrated into HUB and bar area elements as shown on the prototype drawings.

2504.04.X.3 **Mexico:** Refer to Section 2514.08 for minimum light level requirements.

2504.04.X.4 **Mexico:** Provide convenience power outlets (socket outlets) and data outlets under the counter for guest use.

2504.04.X.5 **Mexico:** Provide point of sale terminals at bartenders' and/or servers' pick-up stations.

2504.04.X.6 **Mexico:** Provide two power outlets (socket outlets) above back splash at each cocktail station.

2504.04.X.7 **Mexico:**

Provide one quad power outlet (socket outlet) with dedicated power and conduit for each point-of-sale (POS) terminal and one additional duplex power outlet (socket outlet).

2504.04.X.8 **Mexico:** Provide an outlet for one wall mounted house telephone, mounted below the bar counter. Provide four data/telephone outlets at each point of sale terminal.

2504.04.X.9 Not Applicable to this Brand

2504.04.X.10 **Mexico:** Provide one quad power outlet (socket outlet) and data outlet for the wall-mounted TV.

2504.04.Y Television Requirement

Mexico: A minimum of one television is required in the back bar. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09.

2504.04.Z Furnishings, Fixtures and Equipment

Mexico: Refer to the prototype drawings and FF&E specifications for layout, typical quantities and FF&E types.

2504.04.Z.1 **Mexico:** Seating and upholstery must be commercial grade.

2504.04.Z.2 **Mexico:** Seating must comply with the following:

2504.04.Z.2.a **Mexico:** Bar stools must have backs and upholstered seats. The clearance from the seat to the bar top is required to be 12”/300 mm with no less than 8”/203 mm provided for leg clearance from the seat to the bottom of the apron.

2504.04.Z.2.b **Mexico:** Barstool seating at the Bar must be provided to accommodate a minimum of four guests.

2504.04.Z.2.c Not Applicable to this Brand

2504.04.Z.2.d **Mexico:** Barstools are required to have backs.

2504.04.Z.3 **Mexico:** Additional tables and chairs are not permitted in the Bar area.

2504.04.Z.4 **Mexico:** The Bar must be used for the morning breakfast. Lockable, moveable panels or sliding doors must completely screen and secure the bar contents when not in use.

2504.04.Z.5 **Mexico:** Provide the commercial-grade stainless-steel equipment integrated into the millwork behind the bar die and within the back bar millwork as directed in the F&B drawings and guide.

2504.05 Not Applicable to this Brand

2504.06 Complimentary Area

Canada | United States: Complimentary Area

2504.06.A Breakfast/Complimentary Serving Area Location

Canada | Puerto Rico | United States: A breakfast (complimentary) serving area must be provided directly adjacent to the lobby as shown on the prototype drawings.

2504.06.B Not Applicable to this Brand

2504.06.C Doors

Canada | United States: Bi-parting pocket doors with no floor track are required at the breakfast serving area to close it off when not in use. Doors must have floor bolts on the Pantry side with a dust cover at each floor socket. When bi-parting pocket doors are not feasible due to existing conditions, alternative styles may be submitted for approval. Doors must be pre-finished metal with full-panel glass, brand-approved graphics and pre-finished metal mullions.

2504.06.D Not Applicable to this Brand

2504.06.E Not Applicable to this Brand

2504.06.F Not Applicable to this Brand

2504.06.G Not Applicable to this Brand

2504.06.H Not Applicable to this Brand

2504.06.I Not Applicable to this Brand

2504.06.J Not Applicable to this Brand

2504.06.K Not Applicable to this Brand

2504.06.L Not Applicable to this Brand

2504.06.M Not Applicable to this Brand

2504.06.N Not Applicable to this Brand

2504.06.O Not Applicable to this Brand

2504.06.P Not Applicable to this Brand

2504.06.Q Not Applicable to this Brand

2504.06.R Not Applicable to this Brand

2504.06.S Not Applicable to this Brand

2504.06.T Not Applicable to this Brand

2504.06.U Not Applicable to this Brand

2504.06.V Finish Options - Complimentary Area

Canada | United States: The design of this space is a branded concept and is required at all Hampton properties. Refer to prototype documentation for required specifications and finishes.

2504.06.V.1 **Canada | Puerto Rico | United States:** Floor: Porcelain tile

2504.06.V.1.a **Canada | Puerto Rico | United States:** Base: 4"/100 mm wood, porcelain tile

2504.06.V.2 **Canada | Puerto Rico | United States:** Wall: Vinyl wallcovering, tile, brand graphic, and graphic rail on wood trim.

2504.06.V.3 **Canada | United States:** Ceiling: Paint on gypsum, acoustic ceiling tile

2504.06.W Millwork

Canada | United States: Millwork

2504.06.W.1 Not Applicable to this Brand

2504.06.W.2 **Canada | United States:** Buffet millwork finishes must compliment the adjacent lobby design and finishes.

2504.06.W.3 Not Applicable to this Brand

2504.06.W.4 **Canada | United States:** Cabinet finish must be stained wood or veneer, painted wood or veneer, or plastic laminate.
Mexico: The cabinets must be high pressure plastic laminate or better with white interiors. Open shelving or cubbies must match the outer cabinet finish. Cabinet pulls must be brushed or satin chrome, stainless steel, or nickel finish color.

2504.06.W.5 **Canada | United States:** Counter depth must be 30"/760 mm minimum.

2504.06.W.6 **Canada | Puerto Rico | United States:** The top surface must be granite, engineered stone or quartz. Splashes are required where the countertop directly abuts a wall.

Mexico: The top surface and backsplash material must comply with Section 2515.04. Splashes are required where the countertop directly abuts a wall.

2504.06.W.7 **Canada | Puerto Rico | United States:** Upper cabinets are not allowed.
Mexico: Shelves must be located above the cabinets where shown on the prototype drawings. Shelving must be MDF finished in high pressure plastic laminate or better. Refer to the prototype drawings for further details.

2504.06.W.8 **Canada | United States:** Total combined minimum counter length must be 45'-0"/13.71 m.
Mexico: Six breakfast zones must be provided in the core breakfast area as detailed on the F&B drawings as follows:

2504.06.W.8.a **Mexico:** Blend Zone

2504.06.W.8.b **Mexico:** Bake Zone

2504.06.W.8.c **Mexico:** Brew Zone - Displayed on the display table.

2504.06.W.8.d **Mexico:**

Season Zone

2504.06.W.8.e **Mexico:**

Squeeze Zone

2504.06.W.8.f **Mexico:** Local Flavor Zone - Displayed on the display table.

2504.06.X Lighting

2504.06.X.1 **Canada | United States:** All lighting within the breakfast serving area must be dimmable.
Mexico: The entire breakfast display must be lit as shown in the prototype drawings.

2504.06.X.2 **Mexico:** Provide a decorative pendant light fixture where shown in the prototype drawings.

2504.06.X.3 **Canada | United States:** Provide concealed, under-counter lighting for flatware display.

2504.06.X.4 Not Applicable to this Brand

2504.06.X.5 Not Applicable to this Brand

2504.06.X.6 Not Applicable to this Brand

2504.06.X.7 Refer to Section 2514.08 for minimum light level requirements.

2504.06.Y Electrical

2504.06.Y.1 **Canada | United States:** Provide convenience power outlets (socket outlets) above the base cabinets for use with the juice machine, chafing dish, waffle irons, microwave (if provided) and toaster. A water inlet hose is required for the beverage dispenser. See specific requirements for equipment below.

Mexico: Provide power outlets (socket outlets) for the juice machine (squeeze zone), coffee maker (brew zone), drop-in frost top (blend zone), toaster (bake zone), and induction cooktops (season zone). A water inlet is also required for the juice machine.

2504.06.Z Furniture, Fixtures and Equipment

2504.06.Z.1 Not Applicable to this Brand

2504.06.Z.2 Not Applicable to this Brand

2504.06.Z.3 Not Applicable to this Brand

2504.06.Z.4 Not Applicable to this Brand

2504.06.Z.5 Not Applicable to this Brand

2504.06.Z.6 **Canada | Puerto Rico | United States:** Provide the following equipment. See order forms on Hilton's The Lobby website.
Mexico: Refer to the F&B Operations Guide for a complete list of equipment.

2504.06.Z.6.a **Canada | Puerto Rico | United States:** Microwave: (OPTIONAL) A microwave is not required in the Complimentary Area, but if provided, must be a commercial unit, minimum 900 watts, with a stainless steel finish with preset and calibrated time cook controls.

2504.06.Z.6.b **Canada | United States:** Conveyor Toaster (REQUIRED)

2504.06.Z.6.c **Canada | United States:** Two (2) Chafing Dishes (REQUIRED)

2504.06.Z.6.d **Canada | United States:** Food Pan Warmer/Retherm (REQUIRED)

2504.06.Z.6.e **Canada | United States:** Two (2) Waffle Makers/Bakers (REQUIRED)

2504.06.Z.6.f **Canada | United States:** Batter Dispenser (REQUIRED)

2504.06.Z.6.g **Canada | United States:** Beverage Dispenser (REQUIRED)

2504.06.Z.6.h **Canada | United States:** Three (3) Coffee Dispensers (REQUIRED)
Mexico: One (1) under-counter display refrigerator

2504.06.Z.6.i **Canada | Puerto Rico | United States:** Milk dispenser or temperature controlled pitchers (REQUIRED)

2504.06.Z.7 **Canada | United States:** If the local health department requires a refrigerator for milk or other items being displayed at breakfast, a commercially approved, 5.5 ft³/0.15 m³ capacity, above-counter or under-counter refrigerator must be used. The unit must have adjustable shelving and a black, white or stainless steel exterior. This unit is only allowed when required by the local health department.

2504.06.Z.8 Artwork
Canada | United States: Artwork**Mexico:**

Refer to Section 400 - Food and Beverage for further details regarding required graphics.

2504.06.Z.8.a **Canada | United States:** Brand required artwork must be provided, refer to prototype specifications and drawings for requirements.

2505.00 Not Applicable to this Brand

2506.00 Commercial Facilities

Refer to Sections 2514.00, Technical Criteria, and 2515.00 Furnishings Fixtures and Equipment, for requirements applicable to this section.

2506.01 Retail

2506.01.A Retail Space Requirement

Canada | United States: In every hotel, a retail space ("Treats") must be located directly adjacent to the front desk and open to the registration area. All new construction must install the retail solution shown in the prototype. Existing hotels with prototypical "Treats" shops must implement the latest retail solution upon renovation.

Mexico: A portion of the Hub must be used for the 24/7 Snack area. See prototypical drawings for layout.

2506.01.B Not Applicable to this Brand

2506.01.C Not Applicable to this Brand

2506.01.D Not Applicable to this Brand

2506.01.E Not Applicable to this Brand

2506.01.F Not Applicable to this Brand

2506.01.G Finish Options - Retail

2506.01.G.1 **Canada | United States:** Floor: Porcelain tile. Floor tile must match the Lobby tile.
Mexico: Floor: Carpet (broadloom, carpet tile and high definition CYP 42 oz.), porcelain tile, ceramic tile, natural stone. Hard surface flooring with inset carpet or area rugs is required where shown in the prototype drawings. Carpet or area rugs must cover 20-50 percent of the floor in the lobby zones.

2506.01.G.1.a **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile, wood - stain grade, millwork profile through-body synthetic
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, wood, natural stone

2506.01.G.2 **Canada | United States:** Wall: Vinyl wallcovering, paint
Mexico: Wall: Tile, wallcovering, paint

2506.01.G.3 **Canada | United States:** Ceiling: Paint on gypsum, acoustic ceiling tile
Mexico: Ceiling: Paint on gypsum

2506.01.G.3.a **Mexico:** Ceiling must be 9’-10”/3.0 m or higher.

2506.01.H Merchandiser Requirements

Canada | United States: See current prototype drawings for required merchandisers to display retail products.

Mexico: The 24/7 Snack millwork with shelving must be provided. Minimum amount and style of cabinetry must be as shown in the prototype drawings. Shelving must be made of MDF finished in high pressure plastic laminate or better.

2506.01.I Not Applicable to this Brand

2506.01.J Not Applicable to this Brand

2506.01.K Cabinetry Requirements

Mexico: The finish and style of all millwork must coordinate with the HUB millwork.

2506.01.L Lighting Requirements

Canada | United States: Directional lighting is required to highlight merchandising and graphics. Lights must be wired to stay on at all times.

2506.01.M Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2506.01.N Not Applicable to this Brand

2506.01.O Equipment

2506.01.O.1 **Canada | Puerto Rico | United States:** A commercial-grade, glass two-door refrigerator and separate glass single-door freezer, each with self-contained condensation evaporation system must be provided. Units must have vinyl-coated adjustable shelves for product display. Exterior surfaces must be stainless steel. All interior surfaces must be a white finish. Hotels incorporating the units into their lobby space (the walk-up solution) require the two-door refrigerator as a minimum.
Mexico: An under-counter refrigerator and refrigerated display case at the countertop must be provided.

2506.01.O.2 **Canada | United States:** One commercial-grade microwave (minimum 700 watts) with stainless-steel finish must be provided in the Treats shop or within the general lobby area that is guest accessible 24/7. All appliance finishes must match.

2506.01.O.3 **Canada | United States:** Ice machines are not allowed in the space.

2506.01.O.4 Not Applicable to this Brand

2506.01.O.5 No brand endorsements are allowed on the refrigeration units.

2506.01.O.6 **Canada | United States:** Self-service point-of-sale (POS) system with adjacent power and data access.

2506.01.P Accessories and Graphics

Canada | United States: Brand graphics are required for retail.

2506.02 Guest Laundry

2506.02.A Guest Laundry Requirement

A guest laundry is optional. If provided, it must comply with the following standards.

2506.02.B Not Applicable to this Brand

2506.02.C Not Applicable to this Brand

2506.02.D Entrance Doors

Canada | United States: Entry door must have a closer and minimum half door vision glass panel or sidelight in the adjacent wall.

Mexico: Entry door must have a closer and vision glass or sidelight in the adjacent wall.

2506.02.E Finish Options - Guest Laundry

2506.02.E.1 **Canada | United States:** Floor: Porcelain tile
Mexico: Floor: Porcelain tile, ceramic tile, natural stone

2506.02.E.1.a **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile, millwork profile through-body synthetic
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, natural stone

2506.02.E.2 **Canada | United States:** Wall: Vinyl wallcovering
Mexico: Wall: Vinyl wallcovering, paint

2506.02.E.3 Ceiling: Paint on moisture resistant gypsum, acoustic ceiling tile

2506.02.E.4 No exposed structure, pipes, ducts, etc. are allowed.

2506.02.F Countertop Requirement

Canada | United States: A built-in solid countertop must be provided. The top surface material must be compliant with Section 2515.04.

2506.02.G Floor Drain

Provide a floor drain with chrome plated brass cover with floor sloped to drain.

2506.02.H Not Applicable to this Brand

2506.02.I Concealed Connections

Conceal electrical connections behind the connected equipment. Conceal washer box plumbing connections when allowed by the local jurisdiction having authority. Dryer vents must be fully concealed.

2506.02.J Lighting Requirements

Canada | United States: Lights must be wired to remain on, be key switched or have occupancy sensors with a 30 minute delay before switching off. A manual override switch cannot be provided in the occupancy sensor. If sensors are used, a single entry light must remain on at all times.

Mexico: Lights must be wired to remain on, be key switched or have occupancy sensors with a 30 minute delay before switching off. If sensors are used, a single entry light must remain on at all times.

2506.02.K Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2506.02.L House Telephone Outlets

Canada | United States: Provide a wall-mounted outlet for a house telephone.

Mexico: Provide an outlet for a house telephone.

2506.02.M Furnishings, Fixtures & Equipment

2506.02.M.1 A minimum of one each commercial washer and dryer must be provided. Dryers must be vented/exhausted to the exterior. All lint traps/ interceptors must be concealed and out of guest view.

2506.03 Vending Area

2506.03.A Vending Room Requirements

Canada | Puerto Rico | United States: A minimum of one vending room for ice must be located on the ground floor and all guestroom floors.

Mexico: A vending room may be required based on regional and market conditions. If provided, it must comply with the following standards.

2506.03.B Not Applicable to this Brand

2506.03.C Vending Equipment Location

Vending equipment must be located in an alcove or in an enclosed room to reduce noise and conceal visibility from public circulation.

2506.03.D Entrance Doors

Canada | United States: Entry door, when provided, must have a half door glass vision panel or sidelight.

Mexico: Entry door, when provided, must have a vision panel or sidelight.

2506.03.E Finish Options - Vending Area

2506.03.E.1 **Canada | United States:** Floor: Porcelain tile
Mexico: Floor: Porcelain tile, ceramic tile, natural stone

2506.03.E.1.a **Canada | United States:** Base (minimum): 4"/100 mm porcelain tile
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, natural stone

2506.03.E.2 **Canada | United States:** Wall: Vinyl wallcovering
Mexico: Wall: Vinyl wallcovering, paint

2506.03.E.3 Ceiling: Paint on gypsum, acoustic ceiling tile

2506.03.E.4 No exposed structure, pipes, ducts, etc. are allowed.

2506.03.F Window Treatments

Vending rooms with windows, located on the exterior wall, must have the same window treatment as adjacent spaces.

2506.03.G Floor Drain

Provide a floor drain under the ice machine with chrome plated brass cover with floor sloped to drain. Floor drain must be located under the ice machine.

2506.03.H Drain Trap Insulation

Insulate all ice machine drain traps to prevent condensation.

2506.03.I Filtered Water Supply/Power Outlets

Canada | United States: Provide a filtered cold water supply to the ice maker and power outlets (socket outlets) for all equipment. All filters, plumbing and valves must be concealed from view.

Mexico: Provide a filtered cold water supply to the ice maker and power outlets (socket outlets) for all equipment.

2506.03.J Lighting Requirements

Provide recessed or decorative lighting that is wired to remain on, be key switched or have occupancy sensors with a 30 minute delay before switching off. If sensors are used, a single entry light with a minimum light level of two foot-candles/200 lux maintained when the room is unoccupied, must remain on at all times.

2506.03.K Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2506.03.L Vending Area Equipment

Canada | United States: Each vending area must contain a minimum of one self-service ice machine with touchless water bottle filler. Minimum ice production to be 5 lb/2.2 kg of ice per 24-hours for each guestroom on the floor served. Ice machine must be equipped with sanitary dispenser operated by push button. Open-bin type ice machines are not permitted.

Mexico: Each area must contain a minimum of one self-service ice machine with a minimum production capacity of 5 lb/2.2 kg per 24-hours for each guestroom on the floor served. Machine must be equipped with sanitary dispenser operated by push button, guestroom key card or complimentary token. Open-bin type ice machines are not permitted. A filtered water bottle filler is required, as a stand-alone equipment or in combination with the ice machine.

2506.03.M Not Applicable to this Brand

2506.03.N Not Applicable to this Brand

2506.03.O Trash Container

Canada | United States: Provide an enclosed, flame retardant, decorative trash container and recycling container (when recycling is offered).

2507.00 Meeting Facilities

Refer to Sections 2514.00, Technical Criteria, and 2515.00 Furnishings, Fixtures and Equipment for requirements applicable to this section.

2507.00.A Not Applicable to this Brand

2507.00.B Not Applicable to this Brand

2507.00.C Not Applicable to this Brand

2507.00.D Not Applicable to this Brand

2507.00.E **Canada | United States:** Provide a HVAC system that allows for independent temperature control for each meeting room subdivision.

2507.01 Not Applicable to this Brand

2507.02 Meeting Rooms

2507.02.A Meeting Room Requirements

Canada | United States: Meeting rooms are optional. If provided, they must comply with the following standards.

Mexico: Meeting rooms are to be included at the owner's discretion. All individual components must meet these standards. The room layouts will be reviewed and considered for approval.

2507.02.B Not Applicable to this Brand

2507.02.C Meeting Room Length/Width

Meeting rooms are not allowed to be more than twice as long as the narrowest dimension.

2507.02.D Not Applicable to this Brand

2507.02.E Not Applicable to this Brand

2507.02.F Not Applicable to this Brand

2507.02.G Restroom Proximity

Provide convenient access to public restrooms.

2507.02.H Not Applicable to this Brand

2507.02.I Not Applicable to this Brand

2507.02.J Structural Columns/Stacking Operable Partitions

Canada | United States: Structural columns and stacking operable partitions must not protrude more than 1’-6”/450 mm into the meeting room at any point.

Mexico: Where possible, structural columns and stacking operable partitions must not protrude more than 1’-6”/450 mm into the meeting room at any point.

2507.02.K Not Applicable to this Brand

2507.02.L Not Applicable to this Brand

2507.02.M Credenza

Canada | United States: Provide a credenza.

Mexico: Built-in counters with cabinet storage must be provided. The top surface material must be compliant with Section 2515.04.

2507.02.N Doors

2507.02.N.1 **Canada | United States:** Single doors must be a minimum of 3’-0”/900 mm wide. Paired doors must be no less than 3’-0”/900 mm wide for each leaf. All doors must be 6’-8”/2.0 m high minimum.
Mexico: Paired doors must be no less than 3’-0”/900 mm wide for each leaf. All doors must be 7’-0”/2.0 m high minimum.

2507.02.N.2 **Canada | United States:** All entrance and service doors must have a tamper-proof, 180-degree, one-way viewer looking into the room.
Mexico: All entrance and service doors must have a tamper-proof, 180 degree, reverse, one-way viewer looking into the room.

2507.02.N.3 **Canada | United States:** Interior doors must be solid-core wood. Exterior doors must be metal swing doors and door hardware as required by the local jurisdiction to comply with service or egress paths.
Mexico: Interior doors must be solid-core wood. Painted hollow metal doors are allowed only at exterior exits. Exterior doors must be solid; glass doors are not allowed on service or egress paths.

2507.02.N.4 Not Applicable to this Brand

2507.02.N.5 **Canada | United States:** Meeting room service doors must have perimeter sound stripping, closers with hold open capability, and kick plates on the meeting room side of the door that blend with décor. In rated walls, the doors must have electric hold open devices controlled by the fire alarm system.

2507.02.N.6 Meeting room entrance doors must have decorative hardware, perimeter sound stripping, and closers with hold open capability.

2507.02.O Operable Partitions

Canada | United States: Operable partitions must be stacked behind a concealed door in a closet when not in use. Closet doors must match the surrounding wall finish.All operable partitions must be top-supported and have a laboratory STC of 52 minimum and field-tested NIC 42. A permanent acoustical separation, having a rating of not less than STC 52, must be installed above each operable partition and extend to the underside of the structure above.
Provide a positive bulb-seal type mechanical closure (hinged closure not acceptable) with minimum 250 lbs/113 kgs pressure. Provide sufficient structural support in abutting walls to compensate for this requirement.
Provide hard surfaced, flush walls with sufficient structural support where operable partitions terminate to ensure proper bedding of joint seal.
Operable partitions must be standard steel construction with minimum 24 gauge steel faces and sound-retardant core assembled to minimum 16 gauge reinforced steel frame, insulated to achieve acoustical performance specified.
Seal all wiring and piping penetrations above operable partitions.
Operable partitions are allowed to be covered with decorative acoustical fabric, wall covering or timber finishes. Discreet metal edging strips must be used to protect the finishes.

Mexico: Operable partitions must be stacked behind a concealed door in a closet when not in use. Closet doors must match the surrounding wall finish.
All operable partitions must be top-supported with drop-down floor seals.
Provide a positive bulb-seal type mechanical closure (hinged closure not acceptable) with minimum 250 lbs/113 kgs pressure. Provide sufficient structural support in abutting walls to compensate for this requirement.
Provide hard surfaced, flush walls with sufficient structural support where operable partitions terminate to ensure proper bedding of joint seal.
Operable partitions must be standard steel construction with minimum 24 gauge steel faces and sound-retardant core assembled to minimum 16 gauge reinforced steel frame, insulated to achieve acoustical performance specified.
Seal all wiring and piping penetrations above operable partitions.
Operable partitions are allowed to be covered with decorative acoustical fabric, wall covering or timber finishes. Discreet metal edging strips must be used to protect the finishes.

2507.02.P Finish Options - Meeting Rooms

2507.02.P.1 **Canada | United States:** Floor: Carpet (broadloom, carpet tile)
Mexico: Floor: Carpet (broadloom, carpet tile and high definition CYP 42 oz.)

2507.02.P.1.a **Canada | United States:** Base (minimums): 4"/100 mm carpet, millwork profile through-body synthetic
Mexico: Base (minimums): 4"/100 mm wood, rubber

2507.02.P.2 **Canada | Puerto Rico | United States:** Wall: Vinyl wallcovering, wood panels, fabric wrapped panels
Mexico: Wall: Vinyl wallcovering, paint

2507.02.P.3 Ceiling: Paint on gypsum, acoustic ceiling tile

2507.02.P.3.a Not Applicable to this Brand

2507.02.P.3.b
The minimum ceiling heights are as follows:

Meeting Room Minimum Ceiling Heights	
Area	**Finished Ceiling Height**
< 500 ft²/ 46.45 m²	9'-0"/2.75 m
500 ft²/46.45 m² - 2,000 ft²/ 185.80 m²	10'-0"/3.05 m

2507.02.Q Not Applicable to this Brand

2507.02.R Electrical

2507.02.R.1 **Canada | United States:** Provide recessed lighting. Lighting must be dimmable and wired in a minimum of two zones for varying light levels/ areas.
Mexico: Provide recessed lighting, decorative fixtures, and perimeter cove or slot lighting as indicated in the prototype drawings. Lighting must be dimmable.

2507.02.R.2 **Canada | United States:** Lighting for divisible meeting rooms must be controlled by local dimmers and by remote dimmers allowing combined dimming control of subdivided spaces.
Mexico: Lighting for divisible meeting rooms must be controlled by local dimmers allowing dimming control of subdivided spaces.

2507.02.R.3 **Mexico:** Provide recessed, dimmable lighting at buffet counter and entry.

2507.02.R.4 Refer to Section 2514.08 for minimum light level requirements.

2507.02.R.5 For all meeting rooms over 2,000 ft²/185 m², provide at least one 208-240 VAC outlet.

2507.02.R.6 Duplex power outlets (socket outlets), every 20’-0”/6.0 m on permanent walls, must be available for display purposes.

2507.02.R.7 **Mexico:** Power outlets (socket outlets) must be provided at each subdivision's built-in counter area.

2507.02.R.8 Provide four floor power outlets (socket outlets) per every 600 ft²/56 m². Floor boxes must be robust and resistant to loads up to 3000N. Floor boxes must be finished in the same finish as the meeting room floor.

2507.02.S Technology

2507.02.S.1 Provide one outlet for a house telephone per subdivision.

2507.02.S.2 Not Applicable to this Brand

2507.02.S.3 Not Applicable to this Brand

2507.02.S.4 Not Applicable to this Brand

2507.02.S.5 Not Applicable to this Brand

2507.02.S.6 Provide one MATV outlet in each meeting room subdivision.

2507.02.S.7 **Mexico:** Audiovisual

2507.02.S.7.a Not Applicable to this Brand

2507.02.S.7.b **Mexico:** The following equipment must be provided:
Provide a minimum of one wall mounted television with connectivity to MATV system and a table connection, or else provide a ceiling recessed, electronically-operated projection screen with controls located near lighting controls. Monitor and screen sizes must be scaled proportionately to the room capacity/dimensions. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09. Each television requires a grounded power outlet (socket outlet), CAT6 cable and coaxial cable.
Projector, if projection screen provided, must be motorized and ceiling recessed if permanent.

2507.02.T Furnishings, Fixtures and Equipment

2507.02.T.1 **Canada | United States:** Meeting rooms must be furnished with folding tables with high pressure laminate or ABS tops and stack chairs with fabric upholstered seats and backs. Chair seat to be a minimum of 18"/450 mm wide x 22"/560 mm deep.
Mexico: Meeting Rooms must be furnished with folding tables with high pressure laminate or ABS tops. Provide ergonomic chairs, fully upholstered with commercial grade fabric or leather, adjustable with armrests, swivel/tilt bases and casters. Chairs must include a stopgap mechanism on arms. Power outlets (socket outlets and USB/USB-C dual outlet) and data outlets must be provided via pop-up box, power pack or similar fixture, concealed and integrated into the top surface and centrally located for convenience. If power is located directly in the table top, outlets must be UL listed and meet UL spill test requirements. Local equivalent of UL allowed. All existing USB outlets to be changed to USB-C outlets during renovations and conversions.

2507.02.T.2 Not Applicable to this Brand

2507.02.T.3 **Canada | United States:** A projection screen must be provided, sized appropriately for the space. If permanently installed, it must be ceiling recessed.

2507.02.T.4 Provide wall-mounted artwork.

2507.02.T.5 Window Treatment
Refer to 2515.03 for additional requirements.

2507.02.T.5.a Provide decorative window treatment with blackout capability.

2507.03 Boardroom

2507.03.A Boardroom Requirements

Boardrooms are optional.

2507.03.B Not Applicable to this Brand

2507.03.C Not Applicable to this Brand

2507.03.D Not Applicable to this Brand

2507.03.E Not Applicable to this Brand

2507.03.F Doors

2507.03.F.1 Boardroom entrance doors must swing flat against the pre-function wall.

2507.03.F.2 All entrance and service doors must have installed a tamper-proof, 180 degree, one-way viewer looking into the function space.

2507.03.F.3 Doors must be solid core wood. Painted hollow metal doors are not allowed.

2507.03.G Finish Options - Boardroom

2507.03.G.1 **Canada | United States:** Floor: Carpet (broadloom, carpet tile)
Mexico: Floor: Carpet (broadloom, carpet tile and high definition CYP 42 oz.)

2507.03.G.1.a **Canada | United States:** Base (minimums): 4"/100 mm carpet, millwork profile through-body synthetic
Mexico: Base (minimums): 4"/100 mm carpet, wood

2507.03.G.2 **Canada | United States:** Wall: Vinyl wallcovering
Mexico: Wall: Vinyl wallcovering, paint

2507.03.G.3 **Canada | United States:** Ceiling: Paint on gypsum, acoustic ceiling tile
Mexico: Ceiling: Paint on gypsum, acoustic ceiling tile (30 percent maximum)

2507.03.H Not Applicable to this Brand

2507.03.I Electrical

2507.03.I.1 **Canada | United States:** Lighting must be recessed or decorative, centralized dimmer controlled and be provided along the perimeter of the room. Switching of lamps within the fixtures is not an acceptable method of dimmer control.
Mexico: Lighting must be recessed or decorative, centralized dimmer controlled and be provided along the perimeter of the room.

2507.03.I.2 Refer to Section 2514.08 for minimum light level requirements.

2507.03.I.3 Provide two power outlets (socket outlets) at no more than 12’-0”/3.7 m on center around perimeter walls.

2507.03.I.4 Power connections must be provided in pop up boxes in the conference table top.

2507.03.I.5 Provide two floor power outlets (socket outlets) per every 400 ft²/37 m².

2507.03.J Technology

2507.03.J.1 Provide a telephone outlet integrated into the boardroom table.

2507.03.J.2 A telephone outlet is required for house telephone.

2507.03.J.3 Not Applicable to this Brand

2507.03.J.4 Audiovisual (AV)

2507.03.J.4.a AV connections must be provided in pop-up boxes in the conference table top.

2507.03.J.4.b **Canada:** Provide a minimum of one wall mounted television with connectivity to MATV system and to the boardroom table connection, or else provide a ceiling recessed, electronically operated screen with controls located near lighting controls. Monitor size must be scaled proportionately to the room capacity/dimensions. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09.
United States: Provide a minimum of one wall mounted television with connectivity to MATV system and to the boardroom table connection,

or else provide a ceiling recessed, electronically operated screen with controls located near lighting controls. Monitor size must be scaled proportionately to the room capacity/dimensions. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09. Each television requires a grounded power outlet (socket outlet), CAT6 cable and coaxial cable.

2507.03.K Furnishings, Fixtures and Equipment

2507.03.K.1 **Canada | United States:** Provide a permanent conference table. Power outlets (socket outlets) and data outlets must be concealed and integrated into the table.
Mexico: Provide a permanent conference table. Power outlets (socket outlets and USB.USB-C dual outlets) and data outlets must be provided via pop-up box, power pack or similar fixture, concealed and integrated into the top surface and centrally located for convenience. If power is located directly in the table top, outlets must be UL listed and meet UL spill test requirements. Local equivalent of UL allowed. All existing USB outlets to be changed to USB-C outlets during renovations and conversions.

2507.03.K.2 Provide ergonomic chairs, fully upholstered with commercial grade fabric or leather, adjustable with armrests, swivel/tilt bases and casters. Chairs must include a stopgap mechanism on arms.

2507.03.K.3 **Canada | United States:** A built-in buffet counter is required. The top must be a minimum surface area of 1,440 inches²/0.9 m². Base must be minimum 34”/865 mm high x 24"/600 mm deep. The top surface material must comply with Section 2515.04.
Mexico: A built-in buffet counter is required. The top must be a minimum surface area of 1,440 inches²/0.9 m². Base must be minimum 34”/865 mm high x 24"/600 mm deep. The top surface material must comply with Section 2515.04. A free standing console is allowed.

2507.03.K.4 Not Applicable to this Brand

2507.03.K.5 Not Applicable to this Brand

2507.03.K.6 Artwork must be provided.

2507.03.K.7 Window Treatment - Refer to 2515.03 for additional requirements.
Provide decorative window treatment with blackout capability.

2507.04 Not Applicable to this Brand

2507.05 Not Applicable to this Brand

2507.06 Meeting Support Areas

2507.06.A Coworking + Print Area

Mexico: Guest Workstations
Refer to Sections 2514.00, Technical Criteria, and 2515.00, Furnishings, Fixtures, and Equipment, for additional requirements applicable to this Section.

2507.06.A.1 **Mexico:** A workstation is required in the Coworking + Print Area Zone as shown on the prototype drawings.

2507.06.A.2 Not Applicable to this Brand

2507.06.A.3 Not Applicable to this Brand

2507.06.A.4 Not Applicable to this Brand

2507.06.A.5 Not Applicable to this Brand

2507.06.A.6 Not Applicable to this Brand

2507.06.A.7 Not Applicable to this Brand

2507.06.A.8 **Mexico:** A minimum number of workstations as shown on the prototype drawings must be provided or as otherwise required by Hilton based on regional and market conditions.

2507.06.A.9 Not Applicable to this Brand

2507.06.A.10 Not Applicable to this Brand

2507.06.A.11 Not Applicable to this Brand

2507.06.A.12 Not Applicable to this Brand

2507.06.A.13 **Mexico:** Electrical

2507.06.A.13.a **Mexico:** Provide power outlets (socket outlets) for computer equipment and personal use devices. Outlets are allowed to be built into the casegoods.

2507.06.A.13.b **Mexico:** Provide data outlets for PC stations.

2507.06.A.14 Not Applicable to this Brand

2507.06.A.15 **Mexico:** Furniture, Fixtures and Equipment

2507.06.A.15.a **Mexico:** Furniture that supports the computer stations must comply with the prototype drawings.

2507.06.A.15.b Not Applicable to this Brand

2507.06.A.15.c Not Applicable to this Brand

2507.06.A.15.d Not Applicable to this Brand

2507.06.A.15.e **Mexico:** Table-top heights must be coordinated with the adjacent furniture heights. The top surface material must be compliant with Section 2515.04.

2507.06.A.15.f **Mexico:** When the printer is located near the computer stations, it must be located within the adjacent shelving, it must be easily identified and be located where the guest can retrieve prints without opening cabinets.

2507.06.B Meeting Storage

2507.06.B.1 **Canada | United States:** The area of lockable storage for the meeting rooms must be a minimum of 15 percent of the total meeting room square footage.
Mexico: The area of lockable storage for the meeting rooms must be a minimum of 8 percent of the total meeting room square footage.

2507.06.B.2 Not Applicable to this Brand

2507.06.B.3 Not Applicable to this Brand

2507.06.B.4 Not Applicable to this Brand

2507.06.B.5 Not Applicable to this Brand

2507.06.B.6 Not Applicable to this Brand

2507.06.B.7 Finish Options - Meeting Storage

2507.06.B.7.a Floor: Steel troweled concrete, hardened and sealed

2507.06.B.7.a.1 Base (minimum): 4"/100 mm millwork profile through-body synthetic

2507.06.B.7.b Wall: Paint

2507.06.B.7.b.1 When walls are gypsum board, provide a 48”/1.2 m high laminate or fiber reinforced panel wainscot (FRP) - not required for CMU walls.

2507.06.B.7.c Ceiling: Paint on gypsum, painted structure

2507.06.B.8 Lighting fixtures must have a protective wire or plastic enclosure.

2507.06.B.9 Refer to Section 2514.08 for minimum light level requirements.

2508.00 Recreational Facilities

2508.01 Fitness Center

2508.01.A Fitness Center Requirement

All hotels must have a fitness center.

2508.01.B Not Applicable to this Brand

2508.01.C Not Applicable to this Brand

2508.01.D Size Requirement

Canada | United States: The fitness center must meet the following size requirements:

- under 80 rooms: 600 ft²/55 m²
- 80-150 rooms: 650 ft²/60 m²
- over 150 rooms: 650 ft²/60 m² +3 ft²/0.28 m² for each additional room

Mexico:

The fitness center must meet the following size requirements.

Fitness Center Square Footage Requirements	
Number of Rooms	Minimum Required Square Footage
≤ 80	450 ft²/42 m²
81-100	525 ft²/49 m²
101-120	600 ft²/55 m²
121-160	675 ft²/62 m²
> 160	Add 3 ft²/0.28 m² for each room

2508.01.E Not Applicable to this Brand

2508.01.F Larger Hotel Equipment Requirements

Fitness centers must be programmed and optimized to use all available square footage in the space even if the square footage is larger than the minimum required per key count or standard. Fitness center equipment layouts must be created by the brand approved fitness supplier and approved by the Hilton Global Wellness team.

2508.01.G Required Zones

The Fitness Center layout must include the following zones:

- Entry Zone: The entry zone is to be clear of equipment and provide direct access to the towel station.
- Cardio Zone: Space dedicated to cardio equipment with a grounded power outlet (socket outlet), CAT6 cable and coaxial cable required for each piece of cardio equipment.
- Functional Zone: Space dedicated for functional training.
- Strength Zone: Space for strength equipment. New hotels and existing hotels upon Fitness Center Refresh must provide 5 – 75 lb. dumbbells
- Stretch/Recovery Zone: Open floor space designated for stretching is required. Zone must be outside of transition areas and have adequate space for stretching and utilization of accessories.

2508.01.H Securable & Spa Adjacent

Canada | United States: If a pool is provided, direct access may not be provided between the Fitness Center and the pool area. Neither the Fitness Center nor the pool area may serve as a thoroughfare to the other.

2508.01.I Not Applicable to this Brand

2508.01.J Doors and Windows

2508.01.J.1 Entry door must have a large view panel (the maximum code will allow) or be a solid door with side lights. The view panel and side lights must not have window treatments other than specified graphics from the Brand. Maximum glass is preferred between the fitness center and the adjacent corridor, pool, or exterior.

2508.01.J.2 Not Applicable to this Brand

2508.01.J.3 Roller shades to match the décor and window frames are required on exterior facing windows.

2508.01.K Finish Options - Fitness Center

The design of this space is a branded concept and is required at all properties. Refer to prototype documentation for required specifications and finishes.

2508.01.K.1 Not Applicable to this Brand

2508.01.K.2 **Canada | United States:** Floor: Rubber rolled goods, 7.5 mm thick
Mexico: Floor: Flooring must be submitted as part of the design review package and use the following spec: Rubber rolled good in the strength and functional zones at least 8 mm thick. Wood vinyl over rubber backing in cardio and entry zones at least 7 mm thick.

2508.01.K.2.a **Canada | United States:** Base (minimums): 4"/100 mm millwork profile through-body synthetic
Mexico: Base: 6"/150 mm wood - paint grade, through body synthetic

2508.01.K.3 Wall: Vinyl wallcovering, paint

2508.01.K.3.a Not Applicable to this Brand

2508.01.K.3.b **Mexico:** Designer choice for color scheme must be approved by the Hilton Design team.

2508.01.K.4 Ceiling: Paint on gypsum, acoustic ceiling tile

2508.01.K.4.a Not Applicable to this Brand

2508.01.K.4.b Ceiling height must be 9'-0"/2.75 m or higher.
Mexico: Ceiling height must be 8'-6"/2.5 m or higher.

2508.01.L Not Applicable to this Brand

2508.01.M Electrical

2508.01.M.1 **Canada | United States:** Provide recessed and decorative fixtures. Submit lighting plan and specifications for review and approval.
Mexico: Provide recessed or decorative fixtures. Submit lighting plan and specifications for review and approval.

2508.01.M.2 Lights for the fitness center must be on keyed switches or controlled at the circuit breaker so that they remain on at all times.

2508.01.M.3 Refer to Section 2514.08 for minimum light level requirements.

2508.01.M.4 Coordinate the required electrical and television connections for powered fitness equipment with the final approved fitness plan. A grounded power outlet (socket outlet), CAT6 cable and coaxial cable are required for each piece of cardio equipment. Label the grounded outlet. The power supply and cables must be home run to each piece of equipment. Refer to Section 502.00 - Fitness Center for equipment requirements. Provide connection type per manufacturer requirements. Outlet locations must be located to minimize distance to equipment. Equipment cords are not allowed in guest traffic areas.

2508.01.M.5 Power cords must be hidden from view where possible, otherwise neatly managed with cable organizers.

2508.01.M.6 **Canada | United States:** Each treadmill must have a dedicated circuit with a NEMA power outlet (socket outlet). Where power supply is unstable, all fitness equipment that is electrically powered must have a minimum of 20 minutes UPS backup.

2508.01.M.7 **Canada | United States:** Flush mounted floor outlets must be incorporated for any equipment that is not adjacent to a wall.

2508.01.M.8 Provide approximately 5db's of signal strength for each personal viewing LED/LCD screen on equipment.

2508.01.N House Telephone Outlets

An emergency telephone is required. The emergency telephone must be mounted 48"/1.2 m maximum above the finished floor. The telephone must have a red casing. The telephone must allow direct calls to outside Emergency Responders and to a location that is manned 24-hours a day unless the local jurisdiction requires otherwise. The telephone must comply with Brand Standard 702.01.A – Emergency Services.

2508.01.O Technology

2508.01.O.1 A minimum of one wall-mounted television is required. Televisions must comply with the sizes and specifications provided in Section 713.00 and 2514.09. Each television requires a grounded power outlet (socket outlet), CAT6 cable and coaxial cable.

2508.01.O.2 Personal viewing screens in cardio equipment are required and must comply with the specifications provided in Section 713.00. Spin bikes, rowers, stair climber are not required to have personal viewing screens.

2508.01.P Furniture, Fixtures and Equipment

2508.01.P.1 Refer to the Hilton Global Brand Wellness website for a list of required equipment.

2508.01.P.2 Not Applicable to this Brand

2508.01.P.3 **Canada | United States:** All fitness equipment clearances as specified by the manufacturer and building/accessibility codes must be maintained in accordance with the plans provided at installation.
Mexico: All fitness equipment clearances as specified by the manufacturer must be maintained in accordance with the plans provided at installation.

2508.01.P.4 Contact Hilton for assistance with a floor plan layout identifying placement and quantities of equipment.

2508.01.P.5 **Mexico:** Provide roller sheer window treatments with no blackout capability at all exterior windows.

2508.01.P.6 **Canada | United States:** A built-in towel and hamper station must be provided for guests use. Towel station finish must coordinate with surrounding décor. Refer to prototype drawings for millwork details and required elements.
Mexico: A refreshment counter millwork is required. Refer to the Fitness Guide on https://designinformation.hilton.comfor required specifications.

2508.01.P.7 **Canada | United States:** Three wall-mounted towel/coat hooks are required near the towel station.

2508.01.P.8 Mirrors

2508.01.P.8.a **Canada | United States:** Wall mirrors are required. Refer to prototype drawings for placement, sizing, and spacing details.
Mexico: Wall mirrors must be installed flush–mount. Wall mirrors with seams are not permitted. Shatter proof mirror glass to be purchased locally.

2508.01.P.9 **Canada | United States:** A plumbed, touchless water bottle filler must be provided for guest use. The bottle filler must be recessed into the wall.

2508.01.Q IN-ROOM FITNESS

Canada | United States: Refer to https://fivefeettofitness.hilton.com for required buildout, equipment and FF&E.

Mexico: Refer to https://fivefeettofitness.hilton.com for required buildout, equipment and FF&E.

2508.01.Q.1 **Canada | United States:** If the property chooses to implement an in-room fitness solution, it must implement one of the following Brand-approved solution:
• Five Feet to Fitness with Peloton Bike
• Five Feet to Fitness with Fitness Zone
If the hotel chooses to implement a "Five Feet to Fitness with Fitness Zone" concept, the hotel must obtain approval from the Hilton Global Brand Wellness team prior to implementation.
Mexico: If the hotel chooses to implement a "Five Feet to Fitness room" or similar concept, it must use the Brand-approved solution, Five Feet to Fitness. Prior to implementation, the hotel must obtain approval from the Hilton.

2508.01.Q.2 **Canada | United States:** Five Feet to Fitness with Fitness Zone requires approximately 100 ft²/10 m² and may require the removal of the soft seating area of the guest room depending upon room size and design. All Five Feet to Fitness rooms must have a layout approved by Hilton Global Brand Wellness and may not alter the floor plan in any way without prior approval from Hilton Global Brand Wellness.
Mexico: Five Feet to Fitness requires approximately 100 ft²/10 m² and may require the removal of the soft seating area of the guest room depending upon room size and design. All Five Feet to Fitness rooms must have a layout approved by Hilton Global Brand Wellness and may not alter the floor plan in any way without prior approval from Hilton Global Brand Wellness.

2508.01.Q.3 Flooring: ECORE Terrain RX 7 mm thick.

2508.01.Q.4 Blackout shades are required.

2508.01.Q.5

Minimum ceiling heights:

- Streamline Bay – no minimum ceiling height
- Monkey Bar Bay – minimum 95"/2.4 m
- Deluxe Pull Up Bay – minimum 112"/2.8 m

2508.01.Q.6 Refer to Section 318.00 for equipment requirements.

2508.01.Q.7 Provide power outlets (socket outlets) and Cat 6 cabling behind the rig.

2508.01.Q.8 Not Applicable to this Brand

2508.01.Q.9 **Canada | United States:** If the hotel chooses to implement a "Five Feet to Fitness with Peloton" concept, the hotel must use the Brand-approved solution.

- A minimum clearance of 3’-0" x 5’-0" (914 mm x 1,524 mm) rectangle or a 5’-0"/1,524 mm circle must be maintained.
- The property must comply with all clearance requirements as applicable in accessible room types.
- The bike must be placed within 5’-0"/1,524mm of an electrical outlet and ethernet connection.
- A cord management solution must be implemented.
- Refer to Section 318.01 for equipment requirements.

2508.02 Not Applicable to this Brand

2508.03 Pool/Whirlpool

2508.03.A Design Criteria

All design criteria for the pool will also apply to the whirlpool where applicable.

2508.03.B Pool Requirement

Canada | United States: A pool must be provided.

Mexico: A pool is optional. If provided, pool must comply with the following standards.

2508.03.C Outdoor Pools

The pool is required to be indoors when the monthly average high temperatures are less than 70 °F/21 °C for more than five months of the year. Refer to www.usclimatedata.com for the average monthly high temperatures.

2508.03.D Whirlpool Requirement

Whirlpools are not required but are allowed when a pool is also provided.

2508.03.E Dimensions

2508.03.E.1 Indoor pool must have a minimum water surface of 400 ft²/37 m² and a width of not less than 15’-0”/4.57 m.

2508.03.E.2 **Canada | United States:** Outdoor pool, when provided, must have a minimum water surface area of 600 ft²/56 m².
Mexico: Outdoor pool, when provided, must have a minimum water surface area of 500 ft²/46.5 m².

2508.03.E.3 Kidney-shaped or other “free-form” pools (permitted in exterior applications only) are to have an equivalent minimum water area.

2508.03.E.4 The minimum pool depth must be 3’-0”/900 mm except when a zero entry ramp is used; the maximum depth must be 5’-0”/1.5 m.

2508.03.E.5 The whirlpool must be located near the pool and have a minimum 50 ft²/4.65 m² surface area.

2508.03.E.6 Hilton reserves the right to increase the minimum pool size dependent upon key count and/or market demands.

2508.03.F Orientation

The orientation of the outdoor pool must be such that it receives unobstructed sunlight from mid-morning to late afternoon. Provide some guestrooms with views of the pool. Screen views toward the pool from parking areas, adjacent sites, other buildings, public streets, etc.

2508.03.G Materials Not Allowed

Fiberglass and stainless steel pools/whirlpools are not allowed.

2508.03.H Gunite Construction

All pools and whirlpools must be gunite construction with a troweled on white marble plaster finish.

2508.03.I Enclosed Pool

When an enclosed pool is provided, its exterior design must be consistent with the exterior design of the main building.

2508.03.J Not Applicable to this Brand

2508.03.K Not Applicable to this Brand

2508.03.L Doors and Windows

2508.03.L.1 Doors to indoor pools must have a full vision panel.

2508.03.L.2 Interior metal doors and frames in indoor pools must be galvanized steel and suitable for a high moisture environment.

2508.03.L.3 If doors are provided at the exterior walls of the building, they must be equipped with locking hardware.

2508.03.L.4 Storefront (a.k.a. frame and glass) window and door frames must be aluminum with an approved coating.

2508.03.L.5 All pools must be securable after hours.

2508.03.L.6 **Canada | United States:** Entry gates to outdoor pools must be self-closing and self-latching. The entry handles and/or latch must be mounted at 48”/1.2 m above the finished floor (if allowed by local code) to prevent access by unaccompanied children. Direct access from the hotel into the fenced enclosure of an outdoor pool is not permitted without a card reader mounted at 48"/1.2 m a.f.f.
Mexico: Entry gates to outdoor pools must be self-closing and self-latching. The entry handles and/or latch must be mounted at 48”/1.2 m above the finished floor (if allowed by local code) to prevent access by unaccompanied children. Direct access from the hotel into the fenced enclosure of an outdoor pool is not permitted without a card reader mounted at 48"/1.2 m a.f.f.

2508.03.M Finish Options - Indoor Pool

2508.03.M.1 **Canada | United States:** Floor: Porcelain tile
Mexico: Floor: Porcelain tile, ceramic tile, natural stone

2508.03.M.1.a **Canada | United States:** Base (minimum): 4"/100 mm porcelain tile
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, natural stone

2508.03.M.2 **Canada | United States:** Wall: Epoxy paint, porcelain or ceramic tile (8"/200 mm x 8"/200 mm minimum), acrylic knockdown, synthetic stucco. A 4'-0"/1.22 mm high tile wainscot is required with the acrylic knockdown finish.
Mexico: Wall: Epoxy paint, porcelain or ceramic tile (8"/200 mm x 8"/200 mm minimum), natural stone, synthetic stucco.

2508.03.M.3 **Canada | United States:** Ceiling: Epoxy painted moisture resistant gypsum
Mexico: Ceiling: Epoxy painted moisture resistant gypsum, acoustic ceiling tile (66 percent maximum), synthetic stucco, tongue-and-groove wood decking ceiling

2508.03.M.3.a The minimum ceiling height is 9’-0”/2.75 m.

2508.03.M.3.b If exposed, duct work must be painted, spiral aluminum routed symmetrically in coordinated spans. All electrical, plumbing, fire alarm, fire sprinkler and other distribution systems must be concealed.

2508.03.M.4 High quality, non-corroding finishes are to be provided throughout pool area.

2508.03.N Deck/Coping

2508.03.N.1 A minimum 5’-0”/1.52 m wide deck around the perimeter of all pools and 3'-0"/900 mm wide deck around the perimeter of all whirlpools is required.

2508.03.N.2 In addition to the perimeter deck requirements, the following usable deck area must be provided for seating:

2508.03.N.2.a Outdoor Pool: 500 ft²/46 m² outdoor deck directly adjacent to the pool, dedicated to one end.

2508.03.N.2.b Indoor Pool: 300 ft²/28 m² indoor deck directly adjacent to the pool, dedicated to one end.

2508.03.N.2.c **Canada | Puerto Rico | United States:** Indoor Pool: 500 ft²/46 m² outdoor deck adjacent to the indoor pool area. This is in addition to the indoor deck requirement.

2508.03.N.3 The pool deck area must be sloped away from the pools to drains. Decks must not drain into landscaped areas.

2508.03.N.4 The coping must have a non-slip finish.

2508.03.N.5 Pool coping must be pre-cast and designed to allow maintenance or replacement without removal of the pool deck.

2508.03.N.6 The pool deck must be easily cleanable. The floor surface finishes must be applied to provide a “low risk of slip” rating both under wet and dry conditions. The testing methods employed must be those that are specified by local laws or recognized as best practice guidance issued from the country. Refer to Section 2514.03.A. Where climate dictates, outdoor pool decks require a spray applied heat reflector coating.

2508.03.N.7 Not Applicable to this Brand

2508.03.N.8 Outdoor pool decks must have a Solar Reflectivity Index (SRI) of no less than 0.30.

2508.03.N.9 Joints where the pool or whirlpool coping meets the deck must be protected from the relative pressure of adjoining deck movement.

2508.03.N.10 Joints where the deck meets the pool or whirlpool must be watertight.

2508.03.N.11 Decks must be installed with relief joints for thermal movement and potential settling.

2508.03.N.12 Not Applicable to this Brand

2508.03.N.13 The pool deck must not be permeable. Large-scale deck paver systems may be used that allow water to drain through to an airspace that drains.

2508.03.O Stairs/Railing/Fencing

2508.03.O.1 Steps with uniform treads and risers and a handrail must be provided at the whirlpool and shallow end of the pool (unless zero entry ramp is provided). At least one ladder must be provided at the deep end.

2508.03.O.2 **Canada | United States:** Fencing (minimum 48”/1.2 m high) is required around all outdoor pool areas. Top rail must be rounded. Pointed finials and exposed ends of pickets are not permitted. Chain link or wood fencing is not allowed. Pool fence gaps must not exceed 4"/100 mm. Entry gates to outdoor pools must be self-closing and self-latching. The entry handles and/or latch must be mounted at 48”/1.2 m above the finished floor (if allowed by local code) to prevent access by unaccompanied children.
Mexico: Fencing (minimum 48”/1.2 m high) is required around all outdoor pool areas. Top rail must be rounded. Pointed finials and exposed ends of pickets are not permitted. Chain link or wood fencing is not allowed. Pool fence gaps must not exceed 4"/100 mm. Direct access from the hotel into the fenced enclosure of an outdoor pool is not permitted without a card reader mounted at 48"/1.2 m a.f.f.

2508.03.P Pool Markers

2508.03.P.1 Recessed hard tile water depth markings in contrasting colors must be placed in the pool and whirlpool coping or in the deck immediately behind the coping and on the inside rim of the pool and whirlpool perimeter at reasonable intervals and at every 12”/300 mm of depth change. Lettering must be at least 4”/102 mm high.

2508.03.P.2 Wherever islands, fountains and other structures are located within pools, depth markings must be posted thereon and must be visible from the opposite pool edge.

2508.03.P.3 Depth indicators must be in imperial and metric units.

2508.03.P.4 The depth must be measured 24 inches/600 mm away from the edge of the coping from the bottom to the water surface.

2508.03.P.5 The pool and whirlpool must have the international no diving symbol and the words "NO DIVING" around the pool and whirlpool perimeter installed in the coping or immediately behind the coping. The international no diving symbol and the words "NO DIVING" must be installed alongside depth markers, at the main point of entries into the pool and at least one along each perimeter of the pool. The text must be legibly displayed in contrasting characters in the English language. Text in the local language may also be added.

2508.03.P.6 Painted, stenciled and vinyl appliqué depth markings must not be used.

2508.03.Q Mechanical

2508.03.Q.1 Provide water vapor retarder within the pool enclosure walls to prevent moisture migration into the wall or ceiling cavities, adjacent spaces, and to minimize moisture condensation potential within the envelope.

2508.03.Q.2 Not Applicable to this Brand

2508.03.Q.3 Indoor pool water must be maintained at a minimum of 83° F/28.3° C.

2508.03.Q.4 Conditioned outdoor pools must have water temperature maintained between 80° F/26.7° C and 89° F/31.7° C. Locations where pool water temperatures will rise above 89° F/31.7° C must provide cooling systems to maintain pool water temperatures within the specified range.

2508.03.Q.5 The whirlpool water must be operated between the temperatures of 99° F/37.2° C and 103° F/39.4° C. The water is never allowed to be in excess of 104° F/40° C.

2508.03.Q.6 Provide a complete HVAC and dehumidification system to maintain the pool area temperature and relative humidity while minimizing pool water evaporation. Provide the features listed below:

2508.03.Q.6.a A packaged system specifically designed for pool area dehumidification, factory assembled and tested, with test report available on request.

2508.03.Q.6.b Materials suitable for the pool environment with air side surfaces coated for corrosion protection.

2508.03.Q.6.c An outdoor air connection that provides the outdoor air required in Section 2514.06.

2508.03.Q.6.d **Canada | United States:** A microprocessor control system with solid state sensors, refrigerant pressure transducers, internet connectivity, and a remote-mounted solid state control panel with LED indicators and service diagnostics must be located in the pool room.
Mexico: A microprocessor control system with solid state sensors and a remote-mounted solid state control panel with LED indicators and service diagnostics located in the pool room.

2508.03.Q.6.e Heating:

2508.03.Q.6.e.1 Gas duct heater: Provide a gas-fired duct heater with stainless steel heat exchanger, two-stage or modulating heating control, stainless steel burners, spark ignition and power vent.

2508.03.Q.6.e.2 Electric duct heater: Provide an electric resistance, two-stage or SCR controlled duct heater that complies with NFPA 70.

2508.03.Q.6.e.3 If fuel fired systems are used, they must be designed to comply with NFPA 54 (www.nfpa.org) and manufacturers recommended installations instructions. Refer to Section 2516.00 for additional requirements.

2508.03.Q.7 Not Applicable to this Brand

2508.03.Q.8 Not Applicable to this Brand

2508.03.Q.9 Pool equipment rooms must not be located below guestrooms.

2508.03.Q.10 Pool equipment and chemicals must be located in a lockable, vented storage room away from guest view.

2508.03.R Plumbing

2508.03.R.1 Not Applicable to this Brand

2508.03.R.2 Not Applicable to this Brand

2508.03.R.3 Provide a hose bibb for wash down. Hose bibb must be frost-proof where climate conditions dictate.

2508.03.S Safety/Pool Systems

2508.03.S.1 Not Applicable to this Brand

2508.03.S.2 Conventional sand filters, high-rate sand filters or pressure-type diatomaceous earth filters are allowed.

2508.03.S.3 Design pool filtration and recirculation system to recirculate the entire pool water volume every six hours.

2508.03.S.4 Equipment must include gauges, sight glass and air release valves. Installation and equipment are subject to local health regulations.

2508.03.S.5 **Canada | United States:** Provide an automatic water makeup system to include a back flow preventer.

2508.03.S.6 **Canada | United States:** Provide automatic shutdown of pool circulation systems when heated supply water temperature exceeds 95 °F/35 °C for main pool and 110 °F/43.3 °C for spa to minimize risk of scalding.

2508.03.S.7 **Canada | United States:** Size the whirlpool filtration system to operate at least two hours per day with full water turnover rate of not more than thirty minutes.

2508.03.S.8 All pools must be equipped with continuous monitoring/feed disinfecting equipment. The equipment must maintain a residual of not less than one part per million. Allowed disinfecting equipment includes:

2508.03.S.8.a **Canada | United States:** A saline-based generator system that is NSF 50 and UL standard 1081 (www.ul.com) tested and certified (or the equivalent) and sized per local guidelines is required. Chlorine pool systems are allowed with Hilton review and approval.
Mexico: A saline-based generator system that is NSF 50 and UL standard 1081 (www.ul.com) tested and certified (or the equivalent) and sized per local guidelines is required.

2508.03.T Electrical

2508.03.T.1 The circuits supplying the underwater lighting fixtures or other outlets in the pool area must be low voltage and be protected through an approved ground fault interrupter which will automatically de-energize the circuit should a short circuit or voltage leak occur.

2508.03.T.2 **Canada | United States:** Provide a labeled emergency equipment shut-off switch/button located adjacent to the whirlpool that will shut off all jet pumps/blower and recirculating pumps. The shut-off must be wall mounted with no exposed wiring or conduit.
Mexico: Provide a labeled emergency equipment shut-off switch/button located adjacent to the whirlpool that will shut off all jet pumps/blower and re-circulating pumps.

2508.03.T.3 Lighting

2508.03.T.3.a All electrical power circuits installed in and around the pool area must be equipped with GFCI/ELCB/RCCB or equal ground fault interrupters.

2508.03.T.3.b Direct outdoor lighting away from guestroom windows.

2508.03.T.3.c **Canada | United States:**

Provide UL (www.ul.com) listed wet niche submersible and underwater rated light fixtures as required by local code for each pool and whirlpool. Lights must be changeable without draining the pool.

Mexico: Provide a minimum of two UL (www.ul.com) listed wet niche submersible and underwater rated light fixtures for each pool and one light fixture for each whirlpool. Lights must be changeable without draining the pool.

2508.03.T.3.d Lights are not allowed to be located over the water surface.

2508.03.T.3.e Lights at the indoor pool area must be on keyed switches or controlled in a location that is not accessible by guests so they remain on at all times. Indoor pool lighting must include a non-corrosive finish and be damp rated.

2508.03.T.3.f Refer to Section 2514.08 for minimum light level requirements.

2508.03.T.3.g **Canada | United States:** Power outlets (socket outlets) must be waterproof and must not be located on the floor.

2508.03.T.3.h **Canada | United States:** Provide a 20 minute time switch to control the whirlpool water jets.

2508.03.U House Telephone Outlets

An emergency telephone is required. The emergency telephone must be mounted 48”/1.2 m maximum above the finished floor. The telephone must have a red casing. The telephone must allow direct calls to outside Emergency Responders and to a location that is manned 24-hours a day unless the local jurisdiction requires otherwise. The telephone must comply with Brand Standard 702.01.A – Emergency Services.

2508.03.V Furniture, Fixtures and Equipment

Refer to Section 2515.01.E Outdoor Furniture, for requirements applicable to this Section.

2508.03.V.1 **Canada | United States:** Pool furnishings must be commercial quality. All tabletops must be of a shatter-resistant material. A combination of chairs and chaises must be provided to seat a minimum of 14 guests at indoor decks and 19 guests at outdoor decks. The minimum seating requirement may vary for certain markets.
Mexico: Pool furnishings must be commercial quality. Provide a mix of side tables and dining tables. All tabletops must be of a shatter resistant material. Provide chaise lounges, tables and seating proportionate to the size of the pool deck and location. The minimum seating requirement may vary for certain markets.

2508.03.V.2 Not Applicable to this Brand

2508.03.V.3 At least two sunscreen umbrellas must be provided at outdoor pools or outdoor pool patios.

2508.03.V.4 Not Applicable to this Brand

2508.03.V.5 Not Applicable to this Brand

2508.03.V.6 Not Applicable to this Brand

2508.03.V.7 Window treatment is optional at the exterior window for indoor pool areas. If provided, treatment must be roller shades. Windows must be screened between the indoor pool and a public corridor or fitness center. Screen pattern must be approved by Hilton.

2508.03.V.8 A pool furniture storage area must be provided in the vicinity of outdoor pools and outdoor pool patios.

2508.03.V.9 Not Applicable to this Brand

2508.03.V.10 Plant containers must be incorporated into the overall layout of the furnishings.

2508.03.W Safety Equipment

The following safety equipment is required at a minimum and must be provided and/or be readily available at every pool, even when the pool is closed (including off season):

2508.03.W.1 Provide an anti-entrapment (hair, digit and suction) drain cover for all primary drains and suction inlets for all pools, whirlpools, water features and/or water fountains. Fountains with natural flow or drip and not mechanically powered are not included. All drain covers must be secured on drains at all times. Properties must retain a letter by the installer that states the cover was installed per the manufacturer’s instructions.

2508.03.W.2 A Safety Vacuum Release System (SVRS) or other approved automatic drain blockage relief system is required for all pools, whirlpools, water features and fountains that currently have a single main drain installed. All newly constructed pools, whirlpools, water features and fountains must be designed without the need for a SVRS.

2508.03.W.3 A professionally-fitted pool cover must be installed when the outdoor pool and/or whirlpool is closed for the season. The temporary use of pool covers is prohibited. When used, pool covers and their installation must meet local code regulations.

2508.03.X Diving Boards

Temporary or permanent swimming pool diving boards, diving platforms, slides, and/or trampolines are prohibited.

2508.04 Not Applicable to this Brand

2508.05 Sauna

2508.05.A Sauna Requirement

Hot or dry saunas are not allowed.

2508.06 Steam Room

2508.06.A Steam Room Requirement

Steam rooms are not allowed.

2509.00 Circulation

Refer to Sections 2514.00, Technical Criteria, and 2515.00, Furnishings, Fixtures and Equipment, for requirements applicable to this Section.

2509.01 Elevators/Lifts

Canada | United States: Elevators/Lifts

Mexico: Refer to Section 2516.02 Fire Rated Construction.

2509.01.A Horizontal/Vertical Transport Systems Design

Mexico: All horizontal and vertical transportation systems must be designed by a professional lift consultant / vendor and be approved by Hilton. Refer to Sections 2516.02 for Fire Rated Construction.

2509.01.B Elevator/Lift Controls

Top of elevator/lift controls must be mounted no more than 48”/1.2 m above the finished floor.

2509.01.C Operating Panels

A minimum of one operating panel is required in each cab.

2509.01.D Door Open Button

Each elevator/lift control panel must be equipped with a "door open" button.

2509.01.E Card Reader Access

Guest elevators/lifts control panel must access to all guest floors. Each control panel inside the cab must have a card reader.

2509.01.F Ventilation Requirements

Elevator cabs that are not surrounded by conditioned space must be ventilated with a two-speed exhaust fan and concealed vents at the base and ceiling of the cabs.

2509.01.G Intercom Requirement

A recessed intercom connected to a constantly monitored location is required in all elevators/lifts.

2509.01.H Car Position Indicator

Canada | United States: A car position indicator mounted above the operating panel mounted at a minimum height of 6'-0"/1.8 m above the finished floor must be visible to passengers.

2509.01.I Not Applicable to this Brand

2509.01.J Guest Elevator/Lifts

2509.01.J.1 All hotels must have a minimum of two elevators/lifts with a minimum platform area of 28.3 ft²/2.63 m² and a 2,500 lb/1,134 kg capacity.

2509.01.J.2

Local codes may require larger capacities or the accommodation of an ambulance stretcher.

2509.01.J.3 Not Applicable to this Brand

2509.01.J.4 Finish Options - Guest Elevator/Lifts

2509.01.J.4.a **Canada | United States:** Floor: Porcelain tile, luxury vinyl tile (LVT). Carpet allowed for renovation properties only.
Mexico: Floor: Carpet (broadloom), porcelain tile or ceramic tile (12"/305 mm x 12"/305 mm minimum), natural stone

2509.01.J.4.a.1 **Mexico:** Base (minimums): 4"/100 mm recessed, flush or surface mounted stone, metal, porcelain tile or ceramic tile

2509.01.J.4.b Wall: Decorative panels, mirrors and stainless steel.

2509.01.J.4.c **Canada | United States:** Ceiling: Decorative panels with recessed lighting. Eggcrate ceilings are not allowed.
Mexico: Ceiling: Decorative with lighting. Eggcrate ceilings are not allowed.

2509.01.J.5 Not Applicable to this Brand

2509.01.J.6

Traction or machine room-less (MRL) passenger elevators/lifts must have the following minimum cab speeds:

Number of Floors	Elevator/Lift Speed fpm	Elevator/Lift Speed m/sec.
2 to 6	150 to 200	0.76 to 1.02
7 to 10	200 to 350	1.02 to 1.78
11 to 14	350 to 500	1.78 to 2.54
15 to 20	500 to 700	2.54 to 3.56
>20	Refer to elevator/lift study.	Refer to elevator/lift study.

2509.01.J.7 Elevator/lift study must be submitted on non-prototypical properties. Elevator/lift study must support an average interval of 40-60 seconds with 11-15 percent handling capacity in a 5 minute period. Variables to be used for the study are 100 percent occupancy, 1.8 occupants per room, and 2 way traffic. The elevator/lift study must include occupancy in all public areas of the hotel.

2509.01.J.8 Elevator/lift walls must have a handrail mounted 32"/810 mm above the finished floor on the back wall or have handrails on both side walls.

2509.01.J.9 Minimum width of the passenger elevator door opening is 3’-6”/1.07 m.

2509.01.J.10 Not Applicable to this Brand

2509.01.J.11 Not Applicable to this Brand

2509.01.J.12 A rear door opening into the laundry is required when the elevator lobby is directly adjacent to the hotel lobby.

2509.01.J.13 Any rear door opening into a back-of-house area, must have controlled access (keyed), to prevent unauthorized entry.

2509.01.J.14 Not Applicable to this Brand

2509.01.J.15 Refer to Section 2514.08 for minimum light level requirements.

2509.01.K Parking Garage Elevator/Lifts

2509.01.K.1 Parking garages must have a minimum of one elevator/lift.

2509.01.K.2 Where multi-level garages are provided, exit stairwells must meet the requirements in Section 2509.04.

2509.01.K.3 Parking garage elevators/lifts, when integral with the hotel, must terminate at the lobby level, within view of the front desk. Direct guest access from parking garage level to guestroom floors must be by card key/room key access.

2509.01.K.4 Not Applicable to this Brand

2509.01.K.5 Refer to Section 2514.08 for minimum light level requirements.

2509.01.L Service Elevator/Lifts

2509.01.L.1 Service elevators/lifts are optional, but may be required at the discretion of Hilton for particular project conditions. All designated service elevators/lifts must have a minimum platform area of 38.5 ft²/3.57 m² and a 3,000 lb/1,360 kg capacity.

2509.01.L.2 Not Applicable to this Brand

2509.01.L.3

Service elevator/lift must have the following minimum cab speeds:

Number of Floors	Elevator/Lift Speed fpm	Elevator/Lift Speed m/sec.
2 to 6	150 to 200	0.76 to 1.02
7 to 10	200 to 350	1.02 to 1.78

11 to 14	350 to 500	1.78 to 2.54
15 to 20	500 to 700	2.54 to 3.56
>20	Refer to elevator/lift study.	Refer to elevator/lift study.

2509.01.L.4 The minimum width of the elevator door opening must be 3'-6"/1.07 m.

2509.01.L.5 Not Applicable to this Brand

2509.01.L.6 Service elevator/lift control buttons must be vandal-proof.

2509.01.L.7 Not Applicable to this Brand

2509.01.L.8 Not Applicable to this Brand

2509.01.L.9 Service elevator/lift doors must be stainless steel – pressed pattern.

2509.01.L.10 Finish Options - Service Elevator/Lifts

2509.01.L.10.a **Canada | United States:** Floor: Vinyl composite tile (VCT), non-skid diamond mesh, porcelain tile (12"/300 mm x 12"/300 mm minimum; rectangular tiles are allowed)
Mexico: Floor: Vinyl composite tile (VCT), non-skid diamond mesh, porcelain tile or ceramic tile (12"/300 mm x 12"/300 mm minimum; rectangular tiles are allowed), natural stone

2509.01.L.10.a.1 **Mexico:** Base (minimums): 4"/100 mm vinyl, stainless steel, porcelain tile, ceramic tile

2509.01.L.10.b Wall: Stainless steel - pressed pattern with wall bumpers at 14”/350 mm and 32”/800 mm above the finished floor, plastic laminate

2509.01.L.10.c Ceiling: Baked enamel paint

2509.01.L.11 Protected lighting is required.

2509.01.L.12 Refer to Section 2514.08 for minimum light level requirements.

2509.02 Elevator/Lift Lobbies

2509.02.A Hotel Lobby

2509.02.A.1 **Canada | United States:** Elevator lobbies must be a minimum of 6'-0"/1.8 m in depth. Depth must be increased to a minimum of 8'-0"/2.4 m at elevator/lift lobbies used as a passageway to a secondary entrance or exit.
Mexico: Elevator lobbies must be a minimum of 6'-0"/1.8 m in depth. Depth must be increased to 8'-0"/2.4 m at elevator/lift lobbies used as a passageway to a secondary entrance or exit.

2509.02.A.2 Not Applicable to this Brand

2509.02.A.3 Call buttons must be available for each elevator/lift bank and must be mounted with the centerline at 42"/1.0 m above finished floor.

2509.02.A.4 Heat or touch-sensitive call buttons are permitted, provided there is an automatic auxiliary return in the event of fire or other emergency.

2509.02.A.5 An audible signal is required in each elevator/lift lobby indicating the arrival of an elevator/lift cab, along with a directional graphic indicating the current travel path of each cab.

2509.02.A.6 Not Applicable to this Brand

2509.02.A.7 Finish Options – Guest Elevator Lobby – First Floor

2509.02.A.7.a **Canada | United States:** Floor: Porcelain tile
Mexico: Floor: Porcelain tile, ceramic tile, natural stone

2509.02.A.7.a.1 **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile, wood, millwork profile through-body synthetic
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, wood, natural stone

2509.02.A.7.b **Canada | United States:** Wall: Vinyl wallcovering
Mexico: Wall: Vinyl wallcovering, paint

2509.02.A.7.c Ceiling: Paint on gypsum, acoustic ceiling tile

2509.02.A.8 Finish Options – Guest Elevator Lobby – Second Floor and above

2509.02.A.8.a **Canada | United States:** Floor: Porcelain tile, carpet (broadloom)
Mexico: Floor: Carpet (broadloom, carpet tile and high definition CYP 42 oz.), porcelain tile, ceramic tile, natural stone

2509.02.A.8.a.1 **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile, wood, carpet, millwork profile through-body synthetic
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, wood, natural stone

2509.02.A.8.b **Canada | United States:** Wall: Vinyl wallcovering
Mexico: Wall: Vinyl wallcovering, paint

2509.02.A.8.c Ceiling: Paint on gypsum, acoustic ceiling tile

2509.02.A.9 Furniture, Fixtures and Equipment

2509.02.A.9.a Not Applicable to this Brand

2509.02.A.9.b Provide artwork.

2509.02.A.10 Refer to Section 2514.08 for minimum light level requirements.

2509.02.A.11 Not Applicable to this Brand

2509.02.A.12 **Canada | Puerto Rico | United States:** An outlet for house telephones must be provided at each elevator/lift landing.

2509.03 Corridors

2509.03.A Guestroom Corridors

2509.03.A.1 **Canada | Puerto Rico | United States:** Corridors must be a minimum of 6'-0"/1.8 m clear width.
Mexico: Interior guestroom corridors must be a minimum finished dimension of 5’-0”/1.50 m clear width.

2509.03.A.2 Not Applicable to this Brand

2509.03.A.3 Guestroom corridors must have windows when possible.

2509.03.A.4 Finish Options - Guestroom Corridors

2509.03.A.4.a **Canada | United States:** Floor: Carpet (broadloom, carpet tile), porcelain tile (allowed where shown on the prototype)
Mexico: Floor: Carpet (broadloom, carpet tile and high definition CYP 42 oz.); porcelain tile, ceramic tile or natural stone - allowed where shown on the prototype

2509.03.A.4.a.1 **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile, carpet, wood, through-body synthetic
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, natural stone, carpet, rubber

2509.03.A.4.b **Canada | United States:** Wall: Vinyl wallcovering is required, except at the Corridor end walls on guestroom floors where an accent paint is required.
Mexico: Wall: Vinyl wallcovering, paint. One side of the corridor must be a neutral color with the opposite wall an accent color.

2509.03.A.4.c **Canada | United States:** Ceiling: Paint on gypsum, acoustic ceiling tile. Refer to prototype drawings for acoustic ceiling tile locations.
Mexico: Ceiling: Paint on gypsum, acoustic ceiling tile (maximum 30 percent)

2509.03.A.4.c.1 **Mexico:** Fur downs are required at guestroom entries in new construction. Refer to the prototype drawings.

2509.03.A.4.c.2 **Canada | United States:** Provide a minimum ceiling height in guestroom corridors of 8’-0”/2.4 m. Dropped ceilings as low as 7’-6”/2.3 m are allowed in limited areas.
Mexico: Provide a minimum ceiling height in guestroom corridors of 8’-0”/2.4 m. Dropped ceilings as low as 7’-4”/2.25 m are allowed in limited areas.

2509.03.A.4.c.3 **Canada | United States:** Dropped gypsum board ceilings are required at the guest entry area with a recessed down light centered on and 12"/30 cm from the face of the door.
Mexico: Dropped ceilings are permitted at guest entry doors with the installation of recessed down lights.

2509.03.A.5 Electrical

2509.03.A.5.a Provide convenience outlets in corridors for housekeeping equipment with spacing not to exceed 50’-0”/15 m on center.

2509.03.A.5.b **Canada | United States:** Provide recessed lighting and decorative light fixtures at the locations shown in the prototype drawings.
Mexico: Wall sconces or a combination of wall sconces and ceiling light fixtures are required along the corridor at the locations shown in the prototype drawings.

2509.03.A.5.c Not Applicable to this Brand

2509.03.A.5.d Not Applicable to this Brand

2509.03.A.5.e Refer to Section 2514.08 for minimum light level requirements.

2509.03.A.6 Not Applicable to this Brand

2509.03.A.7 Window Treatment
Refer to 2515.03 for additional requirements

2509.03.A.7.a **Canada | United States:** For windows with direct sun exposure, a roller sheer window treatment must be provided to control glare and heat.
Mexico: Windows receiving direct sunlight must have window treatments that provide sun control.

2509.03.B Service Corridor

2509.03.B.1 Service corridors must be a minimum of 5’-0”/1.5 m wide.

2509.03.B.2 Finish Options - Service Corridor

2509.03.B.2.a **Canada | United States:** Floor: Vinyl composite tile (VCT), carpet (nylon broadloom), sealed concrete, luxury vinyl tile (LVT)
Mexico: Floor: Vinyl composite tile (VCT), natural stone, carpet (nylon broadloom), sealed concrete, luxury vinyl tile (LVT), porcelain tile, ceramic tile

2509.03.B.2.a.1 **Canada | United States:** Base (minimum): 4"/100 mm vinyl
Mexico: Base (minimums): 4"/100 mm vinyl, natural stone, porcelain tile, ceramic tile

2509.03.B.2.b **Canada | United States:** Wall: Paint
Mexico: Wall: Epoxy paint with accent colors

2509.03.B.2.c Ceiling: Acoustic ceiling tile, open ceiling

2509.03.B.3 **Canada | United States:** Provide convenience power outlets on each wall with spacing not to exceed 50’-0”/15 m on center.
Mexico: Provide a minimum of one duplex electrical convenience outlet on each wall with spacing not to exceed 50'-0"/15 m on center.

2509.03.B.4 Refer to Section 2514.08 for minimum light level requirements.

2509.04 Exit Stairs

Refer to Section 2516.05 Means of Egress for additional requirements applicable to this section.

2509.04.A Stairwell Width

The widths of stairwells must not decrease in the direction of egress from the building.

2509.04.B Stairwell Landing

Every stairwell landing must have a dimension, measured in the direction of travel, equal to the width of the stairwell or greater.

2509.04.C Stairwell Treads and Risers

All stairwell treads and risers must be solid type for the entire width of the stair.

2509.04.D Doors

Canada | United States: All stairwell doors must be self-latching and include automatic door closer, kick plate at push side, weatherstripping/gasketing, and wall-mounted door stop. Exterior stairwell doors must also include a rim device, threshold, door shoe with sweep, and rain drip cap. Refer to Section 2516.02.F for Fire-Rated Doors and Frames.

Mexico: All stairwell doors must include automatic door closer with stop arm, self-latching, rim exit device at push side (direction of egress) as required by code, kick plate at push side (direction of egress), weatherstripping/gasketing, and wall-mounted door stop. Exterior stairwell doors must also include threshold, door shoe with sweep, and rain drip cap. Refer to Section 2516.02.F for Fire-Rated Doors and Frames.

2509.04.E Finish Options - Exit Stairs

2509.04.E.1 **Canada | United States:** Floor: Sealed concrete, carpet (broadloom)
Mexico: Floor: Carpet (nylon broadloom) - required on wood frame stairs, sealed concrete

2509.04.E.1.a Treads at a minimum must be exposed, hand troweled concrete with sealer and non-skid nosings of contrasting color.

2509.04.E.1.b Landings at a minimum must be exposed, hand troweled concrete with non-slip finish and hand sealed.

2509.04.E.1.c **Canada | United States:** Base (minimum): 4"/100 mm millwork profile through-body synthetic
Mexico: Base (minimum): 4"/100 mm millwork profile through-body synthetic where floor finishes beyond sealed concrete is provided

2509.04.E.2 Wall: Paint

2509.04.E.3 Ceiling: Paint

2509.04.F Rising Mains

If stairwells contain dry and wet rising mains, all valves must be locked and fitted with tamper switches.

2509.04.G Lights

Lights are not allowed to be manually operated and must remain on when the space is occupied.

2509.04.H Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2509.04.I Heat Requirement

Canada | United States: In Climate Zones 3-8, provide heat in exit stairs.

2510.00 Guestroom/Suites

Refer to Sections 2514.00, Technical Criteria, and 2515.00 Furnishings, Fixtures and Equipment, for requirements applicable to this section.

2510.00.A Room Types and Layouts

2510.00.A.1 Minimum Size Requirements

Refer to the prototype drawings for typical room types and layouts. These room sizes must be considered minimums. These layouts must be adhered to unless otherwise agreed to by Hilton.

2510.00.A.2 King Room Types

Mexico: All guestrooms must be a minimum of 235 ft²/21.86 m² net area.

2510.00.B Connecting Rooms

2510.00.B.1 Connecting Room Percentage

A minimum of 10 percent of the guestrooms must be connecting. (Example: a 100 key hotel would have five rooms connecting to another five rooms for a total of 10 connecting rooms.) The connecting rooms must be comprised of a variety of room and suite types including wheelchair-accessible rooms. No more than half of the required minimum combinations are allowed to include wheelchair accessible rooms.

2510.00.C Room Mix

Canada | United States: Room Mix

2510.00.C.1 Room Mix

Canada | Puerto Rico | United States: In a Hampton Inn, no more than 10 percent of the key count is allowed to be studio suites.

2510.00.C.2 Not Applicable to this Brand

2510.00.C.3 Hampton Inn & Suites - Studio Suites

Canada | United States: In a Hampton Inn & Suites, the Studio Suites must be at least 25 percent, but not more than 50 percent, of the total key count. Two-Room Suites or other suite configurations will be considered when market conditions warrant. No more than 10 percent of the key count may be an alternate suite type. Alternate suite types may not satisfy the minimum requirement for Studio Suites. If alternate suite configurations are provided for a Hampton Inn & Suites property, they are not allowed to satisfy the minimum requirement of 25 percent Studio Suites. Also, the number of Studio Suites plus alternate suites cannot exceed 50 percent of the key count in a Hampton Inn & Suites property. A single Queen room is not allowed.

2510.00.C.4 Room Size Requirements

Canada | Puerto Rico | United States: The 14'-0"/4.27 m bay king room must be used on all new construction projects.

2510.00.D Not Applicable to this Brand

2510.01 Doors

2510.01.A Entry Doors

See Section 2514.01 for standard door requirements.

2510.01.A.1 **Canada | United States:** Doors must be 1-3/4"/44.5 mm solid-core, flush or two-paneled doors that are embossed tempered painted hardwood, pre-finished veneered hardwood or high grade plastic laminate. Panels must allow for proper mounting of evacuation signage.
Mexico: Doors must be 1-3/4" / 44.5 mm solid core, with a factory-painted or stained finish, pre-finished veneered hardwood, or high-grade plastic laminate. Approval of the doors is required by Hilton.

2510.01.B Entry Door Frames

2510.01.B.1 Framed, non-masonry walls must be reinforced on the “strike” side of the jamb to prevent prying and flexing for security control. Backfill entry door frames with loose batt insulation for acoustic separation between the corridor and guestroom interior.

2510.01.C Entry Door Hardware

2510.01.C.1 Provide electronic lockset from a Hilton approved manufacturer. Refer to Section 2514.00 Technical Criteria for detailed standards.

2510.01.C.2 **Canada | United States:** Entry doors must have adjustable type, automatic, 2-stage hydraulic door closer. Hold-opens of any type are not allowed at guestroom doors.
Mexico: Entry doors must have adjustable type, automatic, 2-stage hydraulic door closer, spring hinges, or self-closing hinges. Door must close and latch & lock on the first attempt. Hold-opens of any type are not allowed at guestroom doors.

2510.01.C.3 **Canada | United States:**

Sound stripping is required on all guestroom entry doors. Sound stripping must be equal to “Cush-N-Seal” by Door and Hardware Systems, Inc. (www.dhsi-seal.com) or S773 by Pemko (www.pemko.com).

Mexico: Entry doors must have a multi-fin sound/smoke frame seal (Manufacturer must warranty against adhesion failure).

2510.01.C.4 **Canada | United States:** Provide a minimum of 180 degree tamper-proof door viewer with heavy duty viewer cover equal to Rockwood's model 627 (www.rockwoodmfg.com) installed 5’-0”/1.5 m above finished floor.
Mexico: Provide a minimum of 180 degree door viewer with inside sliding viewer cover that cannot be damaged under normal use, installed 5’-0”/1.5 m above finished floor. Covers that can bend or do not automatically return to a vertical position are not permitted. Existing viewers requiring inside viewer covers must not require disassembly of the viewer to install the new viewer cover. Viewer finish must match the finish of the lockset.

2510.01.C.5 **Canada | United States:** A safety (flip) latch is required for all entrance doors. Locate 4’-0”/1.2 m maximum above finished floor. Surface mounted safety chain locks and swing bar door guards are not allowed.
Mexico: A safety (flip) latch, a rubber coated safety (flip) latch, concealed chains or swing bar door guards is required for all entrance doors. Locate 4’-11”/1.5 m maximum above finished floor. Surface mounted safety chain locks are not allowed.

2510.01.C.6 Not Applicable to this Brand

2510.01.C.7 **Canada | Puerto Rico | United States:** Provide a vinyl threshold at the guestroom entry equal to DHSI’s FT[CTT or TTT] 2.75 (www.dhsi-seal.com) or Pemko’s EV232 series (www.pemko.com).
Mexico: Provide a threshold. Natural stone, quartz composite, porcelain tile, ceramic tile (2-3/4" / 70 mm width) or a vinyl threshold equal to DHSI’s FT[CTT or TTT] 2.75 (www.dhsi-seal.com) or Pemko’s EV232 series (www.pemko.com) are allowed.

2510.01.C.8 **Canada | United States:** Provide a door sweep equal to DHSI’s Cap Sweep, #CS36 (www.dhsi-seal.com), or Pemko’s 2343 or 2173 (www.pemko.com). The makeup air feature for these sweeps may be utilized if needed.
Mexico: Provide a door sweep. If a vinyl threshold is used, provide a door sweep equal to DHSI’s Cap Sweep, #CS36 (www.dhsi-seal.com), or Pemko’s 2343 or 2173 (www.pemko.com). The makeup air feature for these sweeps may be utilized if needed. The door undercut must allow the sweep to be installed to provide a 1/16”/1.59 mm gap above the threshold.

2510.01.C.9 Door hardware for all properties must be satin stainless steel or satin chrome. The finish on all hardware must be the same, including hinges.

2510.01.C.10 Kick plates are not allowed.

2510.01.D Connecting Doors

2510.01.D.1 **Canada | United States:** When guestrooms are connected, they must be separated by two doors.
Mexico: When guestrooms are connected, they must be separated by two doors. Doors must be a minimum of 3'-0"/900 mm wide x 6'-8"/2.1 m high.

2510.01.D.2 **Canada | United States:** The door frame must be the full depth of the wall thickness.
Mexico: The door frame must be the full width of the wall thickness.

2510.01.D.3 **Canada | United States:** Provide a wall stop or overhead stop. Hold opens of any type are not allowed.
Mexico: Hold opens of any type are not allowed.

2510.01.D.4 Each door must have a latch set with an operating lever on the room side only. A blank plate must be installed on the opposite side of the door.

2510.01.D.5 Each door must have a thumb-turn deadbolt with 1"/25 mm throw on guestroom side.

2510.01.D.6 A safety latch, same as on entry door, must be provided on each door.

2510.01.D.7 Sound stripping, same as on entry door, must be provided on the door frame of each door.

2510.01.D.8 **Canada | United States:** Provide door sweeps the same as entry door on both doors for sound attenuation. Automatic drop down seals are also permitted. A make-up air feature is not allowed.
Mexico: Provide door sweeps the same as entry door on both doors for sound attenuation. Automatic drop down seals are also permitted.

2510.01.D.9 A threshold matching the entry door must be provided. Threshold must be as wide as the door frame.

2510.01.D.10 All hardware finishes must match the entry door hardware finish.

2510.01.E Sliding Glass Doors/Patio Doors

2510.01.E.1 Sliding glass doors/Patio Doors (when provided) must have a non-keyed lock. A secondary lock must be provided and mounted within guest reach ranges. Surface mounted safety door chains are not allowed.

2510.01.E.2 Sliding glass doors must be shatterproof or have tempered glass.

2510.01.E.3 The sliding panel must be mounted on the interior track to prevent any removal of the door from the exterior.

2510.02 Windows

Reference 2514.01 for typical window requirements.

2510.02.A Window Area

Refer to prototype drawings for size and location of required guestroom windows.

2510.02.B Operable Windows

Canada | United States: Operable windows, if provided, must have a screen and a childproof locking device approved by Hilton and are not allowed to open more than 4”/102 mm unless required otherwise by code. Once opened, the window must remain in the open position without having to be propped open.

Mexico: Operable windows, if provided, must have a safety decal and a childproof locking device approved by Hilton and are not allowed to open more than 4”/102 mm unless required otherwise by code. Once opened, the window must remain in the open position without having to be propped open.

2510.02.C Louvers

Canada | United States: Louvers for thru-wall HVAC units in guestrooms must be furnished by the window manufacturer and must be aluminum, architectural-style with a finish to match the window sections. These architectural louvers must be an integral part of the window system (one-piece factory assembled unit). Louvers must meet the free air requirement of the thru-wall unit selected.

2510.02.D Window Sill Materials

Canada | United States: Window sills must be provided in all instances (even above PTACs) and they must be a natural or engineered stone compliant with Section 2515.04.

Mexico: Window sills must be provided in all instances, and they must be a natural or engineered stone compliant with Section 2515.04.

2510.03 Finish Options - Guestrooms/Suites

2510.03.A **Canada | United States:** Floor: Carpet (broadloom, carpet tile) with porcelain tile at entry, luxury vinyl tile (LVT)
Mexico: Floor: Carpet (broadloom, carpet tile and high definition CYP 42 oz.), porcelain tile, ceramic tile, natural stone, luxury vinyl tile (LVT)

2510.03.A.1 Not Applicable to this Brand

2510.03.A.2 **Canada | United States:** Base (minimums): 4"/100 mm millwork profile through-body synthetic, carpet. When carpet base is installed, the adjoining base at the guestroom entry must be the same height (4"/100 mm).
Mexico: Base (minimums): 4"/100 porcelain tile, ceramic tile, wood, through body synthetic, natural stone. Tile base is required at tile floors.

2510.03.A.3 **Canada | United States:** Porcelain tile is required at kitchens of existing Hampton Inn & Suites properties.
Mexico: Hard tile flooring is permitted in all areas of the guestroom when paired with soft surfaces as indicated on the prototype drawings.

Luxury vinyl tile (LVT) is permitted in all areas of the guestroom, excluding wet areas, when paired with soft surfaces as indicated on the prototype drawings.

Broadloom carpet is permitted in all areas of the guestroom, excluding wet areas and Corridor-entry area where hard tile flooring must be provided.

2510.03.A.4 **Canada | United States:** Enclosed closets must have matching porcelain tile or LVT when located in the entry or bathroom areas.

2510.03.A.5 Hard surface flooring is acceptable in guestrooms only where shown in the prototype drawings. Alternate locations must be approved by Hilton.

2510.03.B **Canada | United States:** Wall: Vinyl wallcovering, acrylic knockdown
Mexico: Wall: Vinyl wallcovering, paint

2510.03.B.1 Not Applicable to this Brand

2510.03.B.2 **Canada | United States:** Wallcovering or paint are allowed as closed closet interior finishes.

2510.03.B.3 Not Applicable to this Brand

2510.03.B.4 Not Applicable to this Brand

2510.03.B.5 **Canada | United States:**

The guestroom design must include an accent wallcovering at the headboard wall that adds texture and pattern to the overall design.

2510.03.B.5.a **Mexico:** Existing properties must implement the accent wall as indicated on the prototype drawings.

2510.03.B.5.b **Canada | United States:** Applied decorative wall borders are not allowed.

2510.03.B.5.c **Canada | United States:** Wallcovering is not allowed on exterior window walls in the guestroom.

2510.03.C **Canada | United States:** Ceiling: Smooth, orange peel or lightly textured paint on gypsum board. Sample of textured paint must be reviewed by Hilton for approval.
Mexico: Ceiling: Paint on gypsum - smooth or orange peel; Sprayed texture - light texture, sample must be reviewed and approved

2510.03.C.1 Not Applicable to this Brand

2510.03.C.2 **Canada | United States:** When less than 4’-0”/1.22 m wide pre-cast concrete floor planks are used, a furred drywall ceiling must be installed.

2510.03.C.3 **Canada | United States:** Ceilings must be a minimum height of 8’-0”/2.4 m.
Mexico: Ceilings must be a minimum height of 8’-10”/2.7 m.

2510.03.C.4 **Canada | United States:** Entry ceilings must be a minimum height of 7’-4”/2.24 m.
Mexico: Ceilings must be a minimum height of 8’-2”/2.60 m in the primary sleeping area.

2510.04 Closets

Canada | United States: All guestrooms must have an open closet casegoods solution. Refer to the prototype drawings and specifications.
Mexico: Closets

2510.04.A Closet Size

Mexico: All guestrooms must have a closet. Refer to the prototype drawings for size requirements.

2510.05 Bed

2510.05.A Bed Frame/Base

Canada | United States: Bed frames/bases are acceptable only for properties that have not completed their first Complete cycled renovation casegood replacement.
Mexico: Bed Frame/Base

2510.05.A.1 **Canada | United States:** Bed bases (solid box) are required except when frames are required for accessibility.
Mexico: The following bed bases are allowed: solid box bases (preferred), platform beds and bed frames.

2510.05.A.2 **Canada | Puerto Rico | United States:** A minimum 10”/250 mm high bed base must be provided to achieve a typical top of bed height of 28”/710 mm to 29"/735 mm. Bed height is the measurement of the finished bed including base and mattress set (bedding not included). Accessibility requirements for the jurisdiction must be verified and followed as they may be more restrictive.
Mexico: Provide a typical top of bed height of 24”/610 mm. Bed height is the measurement of the finished bed including base and mattress set (bedding not included). Accessibility requirements for the jurisdiction must be verified and followed as they may be more restrictive.

2510.05.B Platform Beds

2510.05.B.1 **Canada | United States:**

Platform beds are required and must comply with the following:

- Construction types can be solid wood with veneer, or plastic laminate.
- The platform must be solid with no slats.
- Unit must be constructed by a qualified casegood manufacturer.
- The platform edges must never protrude past the mattress more than 1”.
- Any exposed wood must have a furniture quality finish.
- Legs must be metal (2” x 2” thick 16 gage steel metal tube minimum) and recessed 3” minimum from all platform edges.

- The platform must have a minimum 4"/100 mm recessed toe kick for recessed platform base.
- Non-slip grip pad or approved alternative anti-slip solution must be provided to prevent mattress from sliding on platform surface.
- If solid wood and veneer construction, corners must be solid wood with rounded edges (at the foot of the bed) and platform must have eased edges.
- If plastic laminate construction with rounded edges (at the foot of the bed), the platform edges must be PVC edge banded.
- Provide a 26” overall bed height maximum (including mattress).
- Mattress foundation is prohibited.
- Minimum sizes:
  - 78"/198 cm width x 82.5"/210 cm depth x 14"/36 cm height (king bed base)
  - 62"/157 cm width x 82.5"/210 cm depth x 14"/36 cm height (queen bed base)
  - *Validate all required accessible heights and clearances per local code prior to purchase and installation. Refer to Section 2517.00 for more information.

Mexico: Platform Beds
When provided, they must comply with the following:
The platform must be constructed by the case good manufacturer and any exposed wood must have a furniture quality finish. Refer to the Guestroom FF&E Specifications for required detailing.
The platform must have wood or metal legs.
Bed skirts are not required with platform beds.
Box springs are not required for platform beds.

2510.05.C Mattress Sets

2510.05.C.1 Not Applicable to this Brand

2510.05.C.2 Approved manufacturer’s labels, which include Federal law labels, identification labels, turn labels, and certification and specification labels, must be on each bed set.

2510.05.C.3 Not Applicable to this Brand

2510.05.C.4 **Canada | United States:**

Mattress sizes are:

• 76"/193 cm x 80"/200 cm

• 60"/150 cm x 80"/200 cm

• 53"/135 cm x 80"/200 cm—existing properties only

Mexico: Mattress minimum sizes are:

- 72"/180 cm x 80"/200 cm King
- 60"/150 cm x 80"/200 cm Queen
- 53"/135 cm x 80"/200 cm Double
- 47"/120 cm x 80"/200 cm (size market driven only. It will require brand approval).

2510.05.C.5 Not Applicable to this Brand

2510.05.C.6 All new or replacement mattresses and foundations must be one the following approved models:
•Serta Simmons Bedding - Beautyrest - Harmony 2.0
•Tempur Sealy - Sealy - Mesmerize
•Tempur Sealy - Sealy - Enchant (2-sided)

2510.05.C.7 **Canada | Puerto Rico | United States:** Properties that are renovating and replacing case goods must convert all double-sized (53"/135 cm) beds to queen-sized (60"/152 cm) beds. Exception: properties with existing Style Right Wall Units that renovate their corner vanity to a straight vanity with access directly off the bedroom are allowed to 1) keep double-sized beds with the wall unit or 2) convert to queen-sized beds and replace the wall unit with the closet casegood solution. Queen-sized beds and existing wall units may remain together only if the headboard wall (bath wall to exterior wall) is 19'-6"/5.9 m or more.

2510.05.D Bedding

2510.05.D.1 Refer to Section 305.00 - The Bed for all top of bed bedding.

2510.06 Furnishings, Fixtures and Equipment

Refer to Section 2515.00 for general FF&E requirements.

2510.06.A Furnishings

2510.06.A.1 **Canada | United States:** Casegoods and upholstered seating must be provided by one of the required manufacturers listed in the FF&E Specifications found online at https://designinformation.hilton.com.
Mexico: Refer to the prototype drawings for required furnishings. Alternate room sizes and furniture plans must be submitted to Hilton for approval.

2510.06.A.2 Not Applicable to this Brand

2510.06.A.3 **Canada | United States:** There must be a minimum clearance of 12"/300 mm between beds and the wall.
Mexico: There must be a minimum clearance of 12"/300 mm between beds or between any bed and the wall.

2510.06.A.4 Headboard

2510.06.A.4.a **Canada | United States:** Headboards must be the same width as the mattress or wider and have a minimum overall height of 35”/889 mm or more above the bed.
Mexico: Headboards must be wider than the mattress and aligns with the outer edge of the nightstand as indicated on the prototype drawings and overall height must align with the top of the adjacent banquette.

2510.06.A.4.b Headboards must be anchored securely to the wall with cleats.

2510.06.A.4.c **Canada | Puerto Rico | United States:** Headboards are required to be upholstered in a non-porous fabric.
Mexico: Upholstered headboards must be hygienic, easily cleanable and easily removable.

2510.06.A.4.d **Canada | Puerto Rico | United States:** Convenience power outlets must be integrated into the nightstand for guest use. Additional outlets are required below the nightstand to allow plug in of lighting, phone, and alarm clock without interfering with guest access outlets above.
Mexico: Convenience power outlets must be integrated into the headboard for guest use. Additional outlets are required below the nightstand to allow plug in of lighting, phone, and alarm clock without interfering with guest access outlets above.

2510.06.A.4.e Not Applicable to this Brand

2510.06.A.4.f **Canada | United States:** The base of the wall hung headboard must be installed at 1'-10"/559 mm above finished floor as shown in the prototype drawings.
Mexico: The base of the wall hung headboard must be installed flush with the finished floor.

2510.06.A.5 Bedside Surface

2510.06.A.5.a Guestrooms with a single bed must have a bedside surface on each side of the bed. Guestrooms with two beds must have at least one bedside surface adjacent to each bed. The surface may be shared but the size must accommodate both beds and all required appliances.
Canada | United States: In single-bedded rooms, provide a nightstand on one side of the bed and a C-table on the other side of the bed. In double-bedded rooms, provide a nightstand between the beds and C-tables at the outside of each bed.

2510.06.A.5.b Not Applicable to this Brand

2510.06.A.5.c **Mexico:** The surface must support a minimum of 250 lbs/115 kgs.

2510.06.A.5.d The top surface must be within 2"/5 cm of the top of the mattress.

2510.06.A.5.e **Canada | Puerto Rico | United States:** Bedside surface must be at least 14"/355 mm deep and 19.5"/495 mm wide. Shared surfaces must increase to the following minimum widths in relation to the FF&E used:

- 18"/450 mm (GR-306.C);
- 25"/635 mm (GR-306.A); and
- 33"/840 mm (ADA GR-306.B).

2510.06.A.5.f Not Applicable to this Brand

2510.06.A.5.g Top surface must be a material compliant with Section 2515.04.

2510.06.A.5.h **Canada | Puerto Rico | United States:** A grommet must be centralized on the nightstand surface for wire management.
Mexico: Design must be coordinated with outlet locations to prevent conflict.

2510.06.A.5.i A minimum of 3”/75 mm must be provided between the bedside surface and the mattress for top of bed linens.

2510.06.A.6 Not Applicable to this Brand

2510.06.A.7 Guest Storage

2510.06.A.7.a **Canada | United States:** A minimum of 3 ft³/0.08 m³ of concealed storage, measured inside, must be provided for each guestroom. Storage type and placement within the guestroom must be reviewed and approved by Hilton.

Mexico: A minimum of 3 ft³/0.08 m³ of storage, measured inside, must be provided for each guestroom. Storage type and placement within the guestroom must be reviewed and approved by Hilton.

2510.06.A.7.b Not Applicable to this Brand

2510.06.A.7.c Not Applicable to this Brand

2510.06.A.7.d Not Applicable to this Brand

2510.06.A.7.e The top surface material must be compliant with Section 2515.04. All other surfaces (sides, drawer fronts, legs, end panels, etc.) must comply with Section 2515.01.

2510.06.A.7.f Design must be coordinated with outlet locations to prevent conflict.

2510.06.A.8 Not Applicable to this Brand

2510.06.A.9 **Canada | Puerto Rico | United States:** Style Right Wall Unit

2510.06.A.9.a **Canada | United States:** The Style Right Wall Unit (a built-in piece on the exterior window wall that typically consists of either a wardrobe and desk or a dresser and desk) is allowed where already existing but may not be implemented moving forward. Instead, properties undergoing a conversion or renovation that do not have architecturally integrated gypsum closet must implement a closet casegood solution.

2510.06.A.10 **Canada | United States:** Hospitality Unit
Mexico: Entertainment Area

2510.06.A.10.a Refer to Section 2510.09 for television equipment requirements.

2510.06.A.10.b **Mexico:** Provide a wall-mounted TV unit with a continuous ledge and work area top and integrated power. The TV unit must be sized according to the television size. The television must never overhang the sides of the unit.

2510.06.A.10.c Casegoods below the television must have a top surface material compliant with Section 2515.04. All other surfaces must comply with Section 2515.01.

2510.06.A.10.d Casegoods supporting the weight of the television and/or television mount must be reinforced.

2510.06.A.10.e **Mexico:** The television must be centered within the casegood area as indicated on the prototype drawings and specifications. Cables must not be visible to guests.

2510.06.A.10.f The television must be positioned within view from the bed and work area in typical guestrooms. Televisions in sitting rooms or living areas must be easily viewed from the soft seating/lounge area. Other areas within the room(s) must be considered and accommodated when possible.

2510.06.A.10.g Not Applicable to this Brand

2510.06.A.10.h **Mexico:** Sufficient blocking must be provided to ensure that the television/mount and casegood TV unit are not easily pulled off of the wall.

2510.06.A.10.i Casegood design must be coordinated with outlet locations to prevent conflict.

2510.06.A.10.j **Canada | United States:** Power must be integrated into all versions of the Hospitality Unit, refer to 2510.08.E.1.l.

2510.06.A.11 Television armoires are not allowed.

2510.06.A.12 Work Area

2510.06.A.12.a **Canada | United States:** Surface area must be a minimum of 1,100 in²/0.70 m².
Mexico: Surface area must be a minimum of 728 in²/4700 cm².

2510.06.A.12.b **Canada | United States:** Top surface must be a material compliant with Section 2515.04. All other surfaces (sides, drawer fronts, legs, end panels, etc.) must be solid wood or veneer. All sides must be finished.
Mexico: Top surface must be a material compliant with Section 2515.04. All other surfaces (sides, drawer fronts, legs, end panels, etc.) must be high pressure plastic laminate. All sides must be finished.

2510.06.A.13 **Canada | United States:** Hampton Activity Table

2510.06.A.13.a **Canada | United States:** Hampton Activity Tables are required in all guestrooms, replacing the standard desk. Custom designs must be lightweight and easy to reposition. Table height and apron detail must function with all lounge and task seating. Tabletop surface must be 300 in²/0.20 m². Tabletop must be quartz or plastic laminate.

2510.06.A.14 **Canada | Puerto Rico | United States:** C-Table

2510.06.A.14.a **Canada | United States:** Provide a C-table at the lounge seating.

2510.06.A.15 Not Applicable to this Brand

2510.06.A.16 Not Applicable to this Brand

2510.06.A.17 **Canada | United States:** Sofa Bed
Mexico: Sofa/Sofa Bed (if provided)

2510.06.A.17.a **Canada | Puerto Rico | United States:** Sofa beds or chaise must be provided where shown in the prototype drawings. Existing hotels must reference plans in the FF&E Specifications. Sofas must have a minimum full size mattress and mechanism as specified in Section 2515.01.D.
Mexico: A sofa or sofa bed must be provided. Refer to the prototype information.

2510.06.A.17.b **Canada | United States:** Seat cushions must be reversible.
Mexico: Sofas and sofa beds must be fully upholstered with fixed seat cushions and loose back cushions.

2510.06.A.17.c **Mexico:** Sofas and sofa beds must have heavy duty, commercial construction grade fabric.

2510.06.A.17.d Not Applicable to this Brand

2510.06.A.17.e Not Applicable to this Brand

2510.06.A.17.f **Mexico:** Refer to Section 2515.01.D for Sleeper Sofa requirements.

2510.06.A.18 Not Applicable to this Brand

2510.06.A.19 **Canada | United States:** Bench

2510.06.A.19.a **Canada | United States:** A permanent luggage bench integrated into the closet or hospitality unit is required as shown in the prototype drawings and specifications. Style and finish to match that of the casegoods.

2510.06.A.20 Lounge Chair

2510.06.A.20.a **Canada | Puerto Rico | United States:** A lounge chair is required where shown on the prototype drawings.
Mexico: A lounge chair is required where shown on prototypical drawings. Lounge chair must be fully upholstered except the arms.

2510.06.A.21 **Canada | Puerto Rico | United States:** Chaise

2510.06.A.21.a **Canada | United States:** Sofa bed must be provided where shown in the prototype drawings. Existing hotels must reference plans in the FF&E Specifications. Reversible seat cushions are required.

2510.06.A.22 Not Applicable to this Brand

2510.06.A.23 Not Applicable to this Brand

2510.06.A.24 Work Area Chair

2510.06.A.24.a **Canada | Puerto Rico | United States:** Provide an activity chair at the work surface with fully upholstered arms, five-star base with casters, pneumatic lift, and a chrome finish.
Mexico: Provide a armless chair with upholstered seat and back.

2510.06.A.24.b Not Applicable to this Brand

2510.06.A.24.c **Canada | United States:** The height of the arm should not interfere with the table edge, no matter the height setting of the chair.
Mexico: Ensure that the height of the desk chair is coordinated with the clearances of the desk work area.

2510.06.A.24.d **Canada | United States:** Work area chair must have heavy-duty fabric. Vinyl upholstery is not allowed.

2510.06.A.25 Not Applicable to this Brand

2510.06.A.26 **Canada | United States:** All seating must have heavy duty, commercial construction grade upholstery. Refer to Section 2515.02.
Mexico: All seating must have heavy duty, commercial construction grade fabric, leather or vinyl upholstery. Refer to Section 2515.02.

2510.06.A.27 Not Applicable to this Brand

2510.06.A.28 **Canada | United States:** Hospitality Area
Refer to Section 2510.10 for kitchen and wet bar requirements.
Mexico: Hospitality Area

2510.06.A.28.a **Canada | United States:** Refrigerator/Microwave
Mexico: Refrigerator

2510.06.A.28.a.1 Not Applicable to this Brand

2510.06.A.28.a.2 **Canada | United States:**

Under-counter refrigerators are required, and microwaves are allowed. Refrigerator must be 1.7 ft³/48 liter to 2.6 ft³/74 liter capacity.

Equipment sizes must be coordinated with the following typical Hospitality Unit openings:
- Refrigerator: 23"/580 mm W x 19.5"/495 mm D x 26.25"/667 mm H
- Microwave: 20"/508 mm W x 19.5"/495 mm D x 13"/330 mm H

Mexico: Under-counter refrigerators are required with solid or clear, smoked glass (dark color) door. They must be a minimum of 1.4 ft³/0.04 m³, 40 liters and black. Interior equipment lighting must only illuminate when the door is open.

2510.06.A.28.a.3 **Canada | United States:** Equipment must be installed within the Hospitality Unit or other casegood piece as approved by Hilton. The casegood unit must include the following:
Mexico: Equipment must be installed within the casegood unit as shown in the prototype drawings.

2510.06.A.28.a.3.a Not Applicable to this Brand

2510.06.A.28.a.3.b **Canada | Puerto Rico | United States:** Stationary shelf for beverage center.

2510.06.A.28.a.3.c **Canada | United States:** The cabinet door is required to screen the refrigerator. The door must not be fixed to the equipment door.

2510.06.A.28.a.3.d Not Applicable to this Brand

2510.06.A.28.a.3.e Ventilation must be provided, as required by equipment manufacturers.

2510.06.A.28.a.3.f Not Applicable to this Brand

2510.06.A.28.a.3.g Not Applicable to this Brand

2510.06.A.28.a.3.h Not Applicable to this Brand

2510.06.A.28.a.3.i **Canada | United States:** Power must be integrated into the Hospitality unit. Refer to prototype specifications and prototype casegood shop drawings for additional details.

2510.06.A.28.a.4 **Canada | United States:** Provide power requirements for equipment behind casegood unit.
Mexico: Provide power requirements for equipment within casegood unit.

2510.06.A.29 Not Applicable to this Brand

2510.06.A.30 Not Applicable to this Brand

2510.06.A.31 **Canada | United States:**

Entry Wall Hooks

Wall-mounted entry wall hooks are required:

- Must be three-dimensional but not exceed 4"/100 mm protrusion from the wall; and
- Must be capable of supporting heavy and/or multiple items and be properly bracketed and blocked for safety.

Reference the prototype specifications and drawings for additional details.

2510.06.B Artwork

2510.06.B.1 Refer to Section 2515.05 for artwork requirements.

2510.06.B.2 **Canada | United States:** Each guestroom must contain a minimum of three pieces of wall décor that vary in size and medium such as framed artwork, art on canvas, or mirrors. Placement of wall décor should be dictated by guestroom design. Refer to prototype drawings for artwork locations.

2510.06.B.3 **Canada | Puerto Rico | United States:** Artwork must have a local flavor and provide additional color.

2510.06.B.4 **Canada | Puerto Rico | United States:** Artwork must create a focal wall expression, providing color and interest to the room. This may be achieved in a number of ways such as with a grouping of framed artwork in various shapes and sizes, graphic decals, collage of photos on canvas, or fabric wrapped panels.

2510.06.B.5 **Canada | Puerto Rico | United States:** Matting must be utilized for framed photography.

2510.06.B.6 **Canada | Puerto Rico | United States:** If fabric panels are used as artwork, they must meet all applicable fire codes.

2510.06.C Mirrors

Refer to Section 2515.06 for additional mirror requirements.

2510.06.C.1 **Canada | Puerto Rico | United States:** All guestrooms must have a full length mirror. Barn doors located directly off the entry must have mirrors recessed in the door panel viewable from guestroom entry. Full length mirrors must be framed and wall mounted near the dressing area or entry. Wall mounts must be a minimum size of 30"/760 mm wide x 69"/1.75 m high, including frame. There must be no visible clips or fasteners on any mirrors.

Mexico: All guestrooms must have a full length mirror with a minimum size of 16”/400 mm wide x 70”/1800 mm high; connecting rooms may decrease width to 28”/700 mm. Full length mirror must be located near the entry. The mirror must be framed. There must be no visible clips or fasteners.

2510.06.D Lighting Fixtures

2510.06.D.1 See the prototype drawings for light fixture locations.

2510.06.D.2 **Canada | United States:** All hardwired or plug-in lamps used in the United States must be approved by Underwriter’s Laboratories (www.ul.com) for the appropriate installation with a label affixed to each lamp.

2510.06.D.3 All lamps must pass the Underwriters Laboratories tip test or CE certificate (declaration of conformity).

2510.06.D.4 Light fixture finish must be appropriate to the overall design of the room. Plastic is not permitted except for the switch.

2510.06.D.5 **Canada | United States:** Lamp shades must allow sufficient distribution of light to ensure that required light levels are not hindered. Lamp shades throughout the guestrooms must be coordinated but are not required to match.

2510.06.D.6 Not Applicable to this Brand

2510.06.D.7 Not Applicable to this Brand

2510.06.D.8 Not Applicable to this Brand

2510.06.D.9 Not Applicable to this Brand

2510.06.D.10 Not Applicable to this Brand

2510.06.D.11 Not Applicable to this Brand

2510.06.D.12 Not Applicable to this Brand

2510.06.D.13 **Canada | United States:** Hardwired Fixtures

2510.06.D.13.a **Canada | Puerto Rico | United States:** Recessed can or decorative surface mounted light fixtures must be provided at the entry as shown on the prototype drawings.

2510.06.D.14 **Canada | United States:** Portable Fixtures

2510.06.D.14.a **Canada | United States:** Electrical cords must be as short as possible. Excess length must be removed or concealed.

2510.06.D.14.b Not Applicable to this Brand

2510.06.D.14.c **Canada | United States:** Table lamps must have a power outlet (socket outlet) and lamp switch (rocker style) in the base. The outlet is not required if it is provided by other means above the counter.

2510.06.D.14.d Not Applicable to this Brand

2510.06.D.14.e **Canada | United States:** All portable fixtures must have felt protective padding secured to the bottom.

2510.06.D.15 **Canada | United States:** Table Lamps
Mexico: Wall Sconce

2510.06.D.15.a **Canada | United States:** A table lamp is required where shown in the prototype drawings.
Mexico: A wall sconce with up and down lighting is required at the sofa.

2510.06.D.16 **Mexico:** Work Surface Lamp

2510.06.D.16.a **Mexico:** A wall sconce with up and down lighting is required at the work surface.

2510.06.D.17 Bedside Lamp

2510.06.D.17.a **Canada | United States:** A light is required at each bedside surface. Single-bedded rooms must have one light on each side of the bed. The lights must be one wall-mounted fixture and one table lamp. Two-bedded rooms must have two wall-mounted fixtures between the beds or one wall-mounted double socket fixture that can be independently switched.
Mexico: A wall lamp fixture is required at each night stand. Single bedded rooms must have one fixture for each side of the bed. Double-bedded rooms must have one fixture with single lamping between the beds.

2510.06.D.17.b **Canada | United States:** Style of lamp base and extension must take into account the size of the bedside surface area combined with other equipment (telephone, clock radio, etc.)

2510.06.D.17.c **Canada | United States:** Fixtures between beds must be able to be switched separately.

2510.06.D.17.d Not Applicable to this Brand

2510.06.D.17.e **Canada | United States:** Wall lamps must have cord covers that match the fixture finish and color.
Mexico: Wall lamps must be hard wired except when cords of plug wired lamps are concealed in headboard or behind casegoods.

2510.06.D.17.f Not Applicable to this Brand

2510.06.D.17.g Clearance between surface top and bottom of lamp shade must be sufficient to provide light to the bed area.

2510.06.D.18 Floor Lamp

2510.06.D.18.a **Canada | United States:** A floor lamp is required where shown on the prototype drawings. Existing hotels with room layouts that differ from the prototype, refer to the FF&E Specifications for plans or contact Hilton.
Mexico: A floor lamp is not permitted.

2510.06.D.18.b Not Applicable to this Brand

2510.06.D.18.c Not Applicable to this Brand

2510.06.D.18.d **Canada | United States:** Provide rocker switches on floor lamps. Switches on floor lamps must not be a pull chain or twist switch.

2510.06.E Not Applicable to this Brand

2510.06.F In-Room Safes

2510.06.F.1 **Mexico:** In-room safes are required.

2510.06.F.2 The safe must be placed at a comfortable usage height for the guest and must be secured to a stationary object such as inside case goods. When the safe is placed inside a casegood, the casegood must provide structural integrity to support a minimum weight of 55 lbs/24 kgs for the safe. Metal supports across the bottom of the drawer/shelf is required.

2510.06.F.3 Safes must be a minimum size to accommodate a 15"/381 mm laptop computer.

2510.06.F.4 Safes are not allowed to have power outlets (socket outlets).

2510.06.G Window Treatments

Refer to Section 2515.03.A.7 for Guestroom Window Treatment.

2510.07 Mechanical

2510.07.A System Types

2510.07.A.1 Select an appropriate air conditioning unit that is dedicated to individual guestrooms and provides on-demand heating and air conditioning that complies with the Indoor Environmental Requirements Matrix included in Section 2514.06.

2510.07.A.2 Acoustical Requirements: Comply with Indoor Environmental Requirements Matrix included in Section 2514.06.

2510.07.B PTAC and PTHP Units

Provide packaged through-wall units that include the following features:

2510.07.B.1 Provide a minimum two-speed fan capability.

2510.07.B.2 Provide acoustical treatment of fans and compressors for quiet operation.

2510.07.B.3 Provide easily accessed and cleanable filter media.

2510.07.B.4 Electric heat (if used): Use coiled or sheathed heating elements operating at moderate temperatures to prevent glowing, with thermal safety and overheat limit control and two stages for coils of 3.5 kW or larger.

2510.07.B.5 Wall sleeve: Provide insulated metal or thermoplastic sleeve, complete with universal drain kit, piped to vertical concealed condensate drain.

2510.07.B.6 Include slide-out chassis design for service.

2510.07.B.7 Provide hard-wired power connection for electrical supply of 265-volts and higher, or where the wiring and plug connection cannot be concealed in the standard sub-base. Exposed power cord and receptacles are not allowed.

2510.07.B.8 If a digital control is mounted directly in the unit, it must communicate with the remote, wall-mounted thermostat and display identical readings or else be covered with a plate that directs the guest to the wall device.

2510.07.B.9 Install concealed condensate piping connected to the sleeve drain kit and terminate underground to a storm, sanitary sewer or dry well. Discharge to a landscape bed is permitted when concealed by landscape features if required by local code.

2510.07.B.10 **Canada | United States:** If PTAC units are not as wide as the window unit in which they are placed, a drywall enclosure to finish the gap between the PTAC unit and the wall opening must be provided with a window sill. A drywall enclosure and windowsill are also required at windows with a louver but no PTAC; exposed metal panels are not allowed.
Mexico: If PTAC units are not as wide as the window unit in which they are placed, a drywall enclosure to finish the gap between the PTAC unit and the wall opening must be provided with a windowsill. A drywall enclosure and windowsill are also required at windows with a louver but no PTAC; exposed metal panels are not allowed.

The room size must be in accordance with US prototype.

2510.07.C Guestroom Thermostat
Canada | Mexico: Guestroom Thermostat

United States: Refer to Section 2510.09.E.4 for Connected Room requirements.

2510.07.C.1 Remote, wall-mounted, hard-wired, electronic digital thermostat specifically designed for guest suite applications must be provided. Studio suites and multi-room suites, served by a single HVAC unit, must have the thermostat located in the main sleeping area. Guest rooms served by multiple HVAC units must have a thermostat for each HVAC unit located in the space served by that unit. Battery powered thermostats are not acceptable.

2510.07.C.2 Required features are as follows:

2510.07.C.2.a System on/off selection

2510.07.C.2.b Automatic or Manual heating/cooling selection

2510.07.C.2.c Backlit LED/LCD digital display with temperature numerals that are at least 0.5”/12.0 mm in height.

2510.07.C.2.d Fan mode button that allows guest to choose either continuous fan, fan cycling on demand of heating/cooling, and manual speed selection.

2510.07.C.2.e Concealed temperature limits for heating and cooling.

2510.07.C.2.f **Canada | United States:** For new build, conversion and renovation properties, provide guestroom energy management solution based upon occupancy control, where applicable and approved by Hilton's Corporate Engineering Teams. The system will include a door contact (or electronic lock interface), passive infrared sensors, Room Control Unit and can be interfaced with property management system (depending on Brand requirements). Only Hilton Technology-approved Energy Management Vendor solutions, with an approved interface to the Property Management System approved by the Property Technology Services Team (PPOPS SharePoint) can be utilized for systems integrations.
Mexico: Consider using in-room energy management solution based upon occupancy. If in-room energy management solution is installed, it

must include a door switch or electronic lock interface to ensure that occupancy status is verified via PIR (Passive Infrared Sensor) each time the entry door is opened. Once verified, the in-room energy management system and thermostat controls must remain in the occupied mode until the door or electronic lock is again activated. When appropriate it's encouraged to add time-based occupancy control to ensure that if the system is placed in occupied mode in the pm hours (i.e. 8pm and after), the system will remain in occupied mode until the am hours (i.e. until 8 am). Occupancy status is not allowed to be obtained through a key reader, key reader HVAC systems are not allowed. The energy management system must adhere to Hilton brand standards.

2510.07.C.3 **Canada | United States:** Locate thermostats remotely from the air conditioning device, in a location unaffected by supply air drafts.
Mexico: Locate thermostats remotely from the air conditioning device, typically near the bathroom and entry wall in a location unaffected by supply air drafts.

2510.07.C.4 Not Applicable to this Brand

2510.07.C.5 Install interlocks with exterior operable doors that de-energize the air conditioning when they are open and return to previous program mode once closed.

2510.07.C.6 Hilton must review and approve all equipment selections.

2510.07.C.7 **Mexico:** In regions and sites with good energy quality, consider using FCUs with ECM motors for improved energy consumption and setting low speed of the fan for improve dehumidification.

2510.08 Electrical

2510.08.A Power Outlets

Canada | United States: Power outlets must be placed to allow convenient connection of the individual light fixture. Outlet wall plates must be white. Power cords must be concealed from guest view.

Mexico: Power outlets must be placed to allow convenient connection of the individual light fixture. Power cords must be concealed from guest view.

2510.08.B Back-to-back Power Outlets

Canada | United States: Back-to-back power outlets are not permitted between guestrooms. Outlets in walls between guestrooms must be offset horizontally a minimum of 6”/152 mm and a maximum of 12"/305 mm.

Mexico: Back-to-back outlets are not permitted between guestrooms. Outlets in walls between guestrooms must be offset horizontally a minimum of 6”/152 mm.

2510.08.C Not Applicable to this Brand

2510.08.D Fire Ratings

Maintain fire rating between guestrooms where devices are located.

2510.08.E Power Requirements

2510.08.E.1 Locations required:

2510.08.E.1.a Electrical sockets are required where shown in the prototype drawings.

2510.08.E.1.b **Canada | Puerto Rico | United States:** Convenience electrical sockets are required for the iron and coffee maker. The socket for the coffee maker must be located at the wet bar when applicable.
Mexico:

Convenience electrical sockets required for use with iron, tea kettle and/or coffee maker.

2510.08.E.1.c **Canada | United States:** Minimum of four power outlets must be provided at the work surface for guest convenience. One must be a USB port. Outlets may be provided in the base of light fixtures, recessed in the wall or recessed in the work surface. Light fixtures with outlets in the base must be tall enough to allow chargers to fit squarely into the outlets.
Mexico: Minimum of four power outlets must be provided at the work surface for guest convenience. One must be a USB/USB-C dual port. Outlets may be provided in the base of light fixtures, recessed in the wall or recessed in the work surface. Light fixtures with outlets in the base must be tall enough to allow chargers to fit squarely into the outlets. All existing USB outlets to be changed to USB-C outlets during renovations and conversions.

2510.08.E.1.d **Canada | United States:** Power source for the work surface lamp must be located below the work surface for both hard wired and plugged lamps.

2510.08.E.1.e Not Applicable to this Brand

2510.08.E.1.f Not Applicable to this Brand

2510.08.E.1.g Not Applicable to this Brand

2510.08.E.1.h **Canada | United States:** Non-switched, power outlets (socket outlets) must be provided at the bedside surface for guest convenience. There must be at least one socket outlet plus one USB port at each surface and two socket outlets plus two USB ports where the surface is shared between two beds. Outlets may be provided in the base of light fixtures, recessed in the wall or recessed in the bedside surface. Outlets are not allowed in wall-hung light fixtures and must be for guest use only. Light fixtures with outlets in the base must be tall enough to allow chargers to fit squarely into the outlets.
Mexico: Non-switched, power outlets (socket outlets) must be provided at the bedside surface for guest convenience. There must be at least one socket outlet plus one USB/USB-C dual port at each surface and two socket outlets plus two USB/USB-C dual ports where the surface is shared between two beds. Outlets may be provided in the base of light fixtures, recessed in the wall or recessed in the bedside surface. Outlets are not allowed in wall-hung light fixtures and must be for guest use only. Light fixtures with outlets in the base must be tall enough to allow chargers to fit squarely into the outlets. All existing USB outlets to be changed to USB-C outlets during renovations and conversions.

2510.08.E.1.i Not Applicable to this Brand

2510.08.E.1.j Not Applicable to this Brand

2510.08.E.1.k **Canada | United States:** Hospitality Units must have at least two socket outlets and at least two USB ports. Refer to prototype specifications and casegood shop drawings for additional details.

2510.08.E.1.m **United States:** Power outlets serving the TV and Edge Controller must always be hot and never controlled by a master switch.

2510.08.E.2 Circuits

2510.08.E.2.a Circuit interruption in one guest suite should not affect an adjacent room.

2510.08.F Lighting

2510.08.F.1 Comply with requirements included in Section 2514.08.

2510.08.F.2 **Canada | United States:** Wall switch must be provided adjacent to entry to control ceiling mount entry light. All switch plates must be white to match the outlet wall plates.
Mexico: A two-way switch must be provided at the guestroom entry door and the headboard wall to operate the entry light where shown on the prototype drawings.

2510.08.F.3 Not Applicable to this Brand

2510.08.F.4 Not Applicable to this Brand

2510.08.F.5 **Mexico:** A two-way switch must be provided at the guestroom entry door and adjacent to the bed to operate any bedroom ceiling mount lights where shown on the prototype drawings.

2510.09 Technology

2510.09.A Telephone

2510.09.A.1 All guestrooms must contain a telephone outlet at the night stand.

2510.09.A.2 Not Applicable to this Brand

2510.09.A.3 Telephone outlets must be mounted at standard code height out of guests' view.

2510.09.B Internet Access

2510.09.B.1 Refer to Section 2514.09 for requirements in the guestroom.

2510.09.B.2 **Canada | United States:** Jack locations for passive network devices (e.g., WAP) must be discreetly located, preferably below a desk (or other open style furniture), inside a closet, or above a non-metallic access panel in the guestroom ceiling. Jack locations may be installed behind the TV, but the passive network device (e.g., WAP) may not be. New builds must install a 3-gang electrical box turned vertical as shown in the Guestroom CAT6 Cabling instruction sheet on designinformation.hilton.com.

Hardwired internet connections must be located above the work surface when provided for guest use.
Mexico: Jack locations for passive network devices (e.g., WAP) must be discreetly located, preferably below a desk (or other open style furniture), inside a closet, or above a non-metallic access panel in the guestroom ceiling. Jack locations may be installed behind the TV, but the passive network device (e.g., WAP) may not be. Reference the Guestroom CAT6 Cabling instruction sheet on designinformation.hilton.com.

Hardwired internet connections must be located above the work surface when provided for guest use.

2510.09.C Television

2510.09.C.1 Televisions must comply with the specifications provided in Sections 713.00 and 2514.09.

2510.09.D Not Applicable to this Brand

2510.09.E Connected Room

Canada: (Excludes Quebec) Connected Room is the only approved interactive entertainment system and must be installed in all guest rooms on the following schedule:

NEW BUILD HOTELS:
Connected Room must be installed prior to opening.

CONVERSION/ADAPTIVE REUSE HOTELS:
Connected Room must be installed when UnoNet is deployed.

EXISTING HOTELS:
Connected Room must be installed within 12 months of the date of UnoNet deployment.

United States: Connected Room is the only approved interactive entertainment system and must be installed in all guest rooms on the following schedule:

NEW BUILD HOTELS:
Connected Room must be installed prior to opening.

CONVERSION/ADAPTIVE REUSE HOTELS:
Connected Room must be installed when UnoNet is deployed.

EXISTING HOTELS:
Connected Room must be installed within 12 months of the date of UnoNet deployment.

2510.09.E.1 **United States:** Smart Home Devices
Voice-activated “smart home” controllers/devices (e.g., Amazon Echo, Alexa, Google Home) are not permitted.

2510.09.E.1.a **United States:** Any built-in units housing the TV must hide the Edge Controller and provide easy access to the device. At least two inches of space should be available behind each TV for Edge Controller storage.

2510.09.E.1.b **United States:** Hotels may not use set-top boxes for new contracts or installations. For additional information on Free-to-Guest providers, please visit HiltonHDTV.com.

2510.09.E.1.c **United States:** Power outlets serving the TV and Edge Controller must always be hot and never be controlled by a master switch.

2510.09.E.2 **United States:**

Televisions
Only certified LG or Samsung television models are permitted with Connected Room. See Section 2514.09.D for technical specifications and size and installation requirements. Refer to the HDTV website (www.HiltonHDTV.com) for available models and pricing from approved providers.

2510.09.E.3 **United States:**

Edge Controller Set-Top Box Installation
Any built-in units housing the TV must hide the Edge Controller and provide easy access to the device. At least 2 inches of space must be available behind each TV for Edge Controller storage.
Power outlets serving the TV and Edge Controller must never be controlled by a master switch.

2510.09.E.3.a **United States:** Certain light switches may not comply with your jurisdiction's commercial energy codes. Please consult in_room_technology@hilton.com before purchasing light switches to confirm energy code compliance.

2510.09.E.3.b **United States:** (OPTIONAL) All guestroom light switches are required to have a neutral wire.

2510.09.E.4 **United States:** Thermostats
At this time, Connected Room does not support specific thermostats and the pairing of such devices.
Please contact in_room_technology@hilton.com for questions or more information.

2510.09.E.5 **United States:** Lighting
At this time, Connected Room does not support specific light switches and the pairing of such devices.
Please contact in_room_technology@hilton.com for questions or more information.
a. All guestroom light switches are required to have a neutral wire.

2510.09.E.6 **United States:** Sound Bars
At this time, Connected Room does not support specific sound bars nor any additional auxiliary television devices.

2510.09.E.7 **United States:** IPTV
Hotels using an IPTV FTG system must install Connected Room prior to opening and follow all IPTV requirements below and in Section 713.03.C.
• Television
Hotels must install cable home runs (see 2518.09 and 2518.10 for cable requirements) to each guestroom. If the cable is run to the passive network device (e.g., WAP), a fully concealed CAT6 patch cable must connect the network device to a single TV.
If a hotel is using coaxial cable, the cable must be home run to each television.
Hotels may choose to install only CAT6 if all of the following conditions are met:
1. StayConnected UnoNet must be installed prior to opening.
2. Connected Room must be installed prior to opening.
3. Hotel must use an approved Hilton GFT Program vendor.

Refer to 2518.00 for more wiring standards. Refer to the HDTV website (www.HiltonHDTV.com) for available models and pricing from approved providers.

a. Hotels may not use set-top boxes for new contracts or installations. For additional information on Free-to-Guest providers, please visit HiltonHDTV.com.

b. Power outlets serving the TV and Edge Controller must always be hot and never be controlled by a master switch.

2510.10 Kitchenette

2510.10.A Wet Bar Requirement

Canada | United States: Built-in wet bars with an under-counter refrigerator and microwave are required in studio suites. Full kitchens are not allowed. Properties undergoing a conversion or renovation that have existing full kitchens must convert to wet bars. Refer to prototype drawings for adjacent finish coordination.

Mexico: Full kitchens and wet bars are not allowed.

2510.10.B Cabinets

Canada | United States: Cabinets

2510.10.B.1 **Canada | United States:** Countertops must be 3/4”/20 mm thick granite, quartz or engineered stone with matching back and end splashes.

2510.10.B.2 **Canada | United States:** Cabinetry must be stained wood or plastic laminate on the exterior. Interior must be laminate. Cabinet doors must screen the refrigerator but must not be fixed to the equipment door.

2510.10.B.3 **Canada | United States:** Upper cabinets are not allowed at wet bars.

2510.10.B.4 Not Applicable to this Brand

2510.10.B.5 **Canada | United States:** Drawer and cabinet door pulls must be provided.

2510.10.B.6 **Canada | United States:** Provide ventilation for equipment per manufacturer's recommendation.

2510.10.C Plumbing

Canada | United States: Plumbing

2510.10.C.1 **Canada | United States:** Undermount stainless steel sinks are required.

2510.10.C.2 **Canada | United States:** A single or dual-lever goose neck bar faucet must be provided. The faucet must be solid brass with a plated finish or better.

2510.10.D Appliances

Canada | United States: Appliances

2510.10.D.1 **Canada | United States:** The following appliances are required for guestroom wet bars:

2510.10.D.1.a **Canada | United States:** Microwave. It must be located within its own compartment - not on the countertop.

2510.10.D.1.b **Canada | United States:** An under-counter refrigerator, 1.7 ft³/48 liter to 2.6 ft³/74 liter capacity, is required behind cabinet doors. The refrigerator must be secured from movement by guests and must not sit directly on the floor.

2510.10.D.2 **Canada | United States:** Microwave and refrigerator must match and be black or stainless steel.

2510.10.D.3 **Canada | United States:** All appliances must be Energy Star rated.

2511.00 Not Applicable to this Brand

2512.00 Guest Bathroom

Refer to Sections 2514.00, Technical Criteria, and 2515.00 Furnishings, Fixtures and Equipment, for requirements applicable to this section.

2512.00.A Bathroom Fixture Requirements

The inside finished dimensions as shown in the prototype drawings are minimums.

2512.00.B Not Applicable to this Brand

2512.00.C Not Applicable to this Brand

2512.01 Doors

2512.01.A Door Style

Canada | United States: Door type and style must be as shown in the prototype drawings.

Mexico: Door type and style must be as shown in the prototype drawings. Other types must be pre-approved by Hilton.

2512.01.B Door Width

Canada | United States: Clear width of door opening, when fully open, must be 32”/800 mm or greater.

Mexico: Clear width of door opening, when fully open, must be 27.5”/700 mm or greater.

2512.01.C Door Hardware Requirements

All hardware must be commercial grade and have a finish to coordinate with surrounding bath accessories or entry door hardware.

2512.01.D Not Applicable to this Brand

2512.01.E Swinging Door Locking Hardware

Swinging doors must have a lock. They must also have a latch or pull that operates from either side, except when locked. Swinging door locks must release by turning the inside lever and by closing the door; an emergency device must release this lock from the outside of the bathroom.

2512.01.F Barn Door Locking Hardware

Mexico: A pull must be provided on both sides of barn or pocket doors. Stops must be coordinated with the handle and size of the door to achieve desired results.

2512.02 Finish Options - Guest Bathroom

2512.02.A **Canada | United States:** Floor: Porcelain tile. Luxury vinyl tile (LVT) is not permitted for use in any wet areas.
Mexico: Floor: Porcelain tile, ceramic tile, natural stone

2512.02.A.1 **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, natural stone

2512.02.A.2 The bathroom door threshold must be a single piece of natural stone or quartz composite and have a minimum height of 1/4”/6.35 mm above the bathroom floor. Threshold is not required at the door if tile floor extends past bathroom entry door.

2512.02.A.3 Not Applicable to this Brand

2512.02.A.4 Not Applicable to this Brand

2512.02.A.5 **Canada | Puerto Rico | United States:** Hard surface flooring is required at the dressing (vanity) area when the vanity is separate from the tub/toilet. If wood base is used throughout the studio suite and tile flooring is used in the dressing area, the dressing area must have a tile base.

2512.02.A.6 **Canada | United States:** Bathroom flooring and entry flooring must match unless luxury vinyl tile (LVT) is being utilized in the entry and guestroom.

When replacing bathroom flooring, existing properties must extend the floor finish into the guestroom entryway, unless they are not directly adjacent or unless LVT is being used in the guestroom and entry.

2512.02.A.7 **Canada | United States:** Provide an aluminum edge trim transition between the tile and carpet. The tile edge trim must be Schluter or equal, maximum width 3/8"/9.53 mm.

2512.02.B **Canada | Puerto Rico | United States:** Wall: Vinyl wallcovering.
Mexico: Wall: Vinyl wallcovering, porcelain or ceramic tile, paint

2512.02.B.1 Not Applicable to this Brand

2512.02.B.2 Not Applicable to this Brand

2512.02.B.3 **Mexico:** Rectangular-shaped tiles are permitted; they must be plank-shaped.

2512.02.B.4 Not Applicable to this Brand

2512.02.B.5 Not Applicable to this Brand

2512.02.B.6 Moisture-resistant gypsum board is required.

2512.02.B.7 **Canada | Puerto Rico | United States:** Tub/shower surrounds: Cultured marble
Mexico: Tub/shower surrounds: Porcelain or glazed ceramic tile, cultured marble

2512.02.B.7.a **Canada | United States:** Cultured marble finish must have a dimensional pattern, matte finish and color coordinate with vanity top. Trim pieces, when used, must be scribed to tub or shower edge. Samples must be reviewed and approved by Hilton prior to installation. Cultured marble must have a resin content less than 50%, a minimum crushed stone content of 50% and include a gel topcoat.
Mexico:

Tile surround must coordinate with the tile floor. Cultured marble finish must have a pattern. Trim pieces, when used, must be scribed to tub or shower edge. Samples must be reviewed and approved by Hilton prior to installation.

2512.02.B.7.b Exposed and visible edges of surround panels must have a factory-finished edge.

2512.02.B.7.c Surrounds must extend to the ceiling.

2512.02.C Ceiling: Paint on gypsum

2512.02.C.1 Ceiling must be moisture resistant gypsum board.

2512.02.C.2 **Canada | United States:** Ceilings must be a minimum height of 7'-4"/2.25 m.
Mexico: Ceilings must be a minimum height of 7'-6"/2.30 m.

2512.03 Mechanical

2512.03.A Mechanical Exhaust

The bathroom area must be mechanically exhausted to the exterior as described in Section 2514.06.

2512.03.B Re-circulating Type Exhaust

Re-circulating-type exhaust is not allowed.

2512.03.C Noise Level

2512.03.C.1 **Canada | United States:** If individual exhaust fans are used, select for maximum inlet noise level of 1.0 sone per AMCA Standards at design air flow and static pressure.
Mexico: If individual exhaust fans are used, select for maximum inlet noise level of 2.0 sones per AMCA Standards at design air flow and static pressure.

2512.03.C.2 If a central exhaust fan is used, design for noise levels within the guestrooms that comply with Section 2514.06.

2512.03.D Exhaust Fan Control

Canada | United States: Intermittent guest bath exhaust fans must be controlled by a dedicated wall switch with a built-in occupancy sensor.

Mexico: Provide separate wall switch for exhaust fan. An occupancy/motion sensor controlled exhaust fan is not allowed.

2512.03.E Toilet Exhaust Termination

Canada | United States: Toilet exhaust must terminate within the roof area. Bath exhaust cannot terminate in an exterior wall.

Mexico: Toilet exhaust must terminate to the exterior at the roof level.

2512.03.F Exhaust Risers

United States: Exhaust risers utilizing sub-ducts to eliminate fire and/or smoke dampers must be provided with a fan at the upper terminus of the riser and the fan must be provided with standby power.

2512.04 Fixtures/Plumbing

2512.04.A Plumbing Fixture Requirements

Provide white plumbing fixtures (shower pan, bathtub, water closet and wash basin) with chrome-plated exposed drain lines.

2512.04.B Fixture Trim Finish Coordination

Fixture trim must be brushed or polished chrome. All finishes must coordinate in color.

2512.04.C Overflows

Bathtubs and wash basins must provide a gravity overflow outlet sized for full flow rate.

2512.04.D Stoppers

Provide metallic, mechanical lift type operated stoppers from the overflow or twist and lift stoppers at bathtubs.

2512.04.E Bathtubs

2512.04.E.1 Bathtubs must be approved by Hilton based on market demands.

2512.04.E.2 Not Applicable to this Brand

2512.04.E.3 **Canada | United States:** All bathtubs must be a minimum of 5’-0”/1.5 m long x 30"/760 mm wide.
Mexico: All bathtubs must be a minimum of 5’-0”/1.5 m long.

2512.04.E.4 Acceptable bathtubs:

2512.04.E.4.a Cast iron bathtubs that meet the following minimum requirements:

2512.04.E.4.a.1 An acid-and scratch-resistant enameled finish on a single one-piece, sand-cast base with integral apron.

2512.04.E.4.a.2 An integral slip-resistant surface on the bottom of the well meeting ASTM F462-79 (2007) Slip-Resistant Bathing Facilities (www.astm.org).

2512.04.E.4.a.3 Integral lumbar support/sloped back.

2512.04.E.4.b Porcelain-on-steel composite bathtubs that meet the following minimum requirements:

2512.04.E.4.b.1 An acid-resistant enameled finish on a minimum 16-gauge one-piece, steel-formed bathtub with an integral apron and an acrylic-composite backing on the underside of the bathtub.

2512.04.E.4.b.2 An integral slip-resistant surface on the bottom of the well meeting ASTM F462-79 (2007) Slip-Resistant Bathing Facilities (www.astm.org).

2512.04.E.4.b.3 Straight tiling bead/flange.

2512.04.E.4.b.4 Fully-bonded or integrated support on the bottom of the bathtub unit for support strength, sound deadening and heat retention.

2512.04.E.4.b.5 Integral lumbar support/sloped back.

2512.04.E.4.c Porcelain-on-steel (POS) bathtubs that meet the following minimum requirements:

2512.04.E.4.c.1 An acid-resistant enameled finish on a minimum .0598”/1.5 mm thickness (16-gauge), one-piece, steel-formed bathtub with an integral apron.

2512.04.E.4.c.2 An integral slip-resistant surface on the bottom of the well meeting ASTM F462-79 (2007) Slip-Resistant Bathing Facilities (www.astm.org).

2512.04.E.4.c.3 Straight tiling bead/flange.

2512.04.E.4.c.4 Fully-bonded or integrated composite material on the bottom of the bathtub unit for support strength, sound deadening and heat retention.

2512.04.E.4.c.5 Integral lumbar support/sloped back.

2512.04.E.4.d **Canada | Puerto Rico | United States:** Vikrell bathtubs by Sterling.

2512.04.E.4.e Not Applicable to this Brand

2512.04.E.4.f When permitted, whirlpool tubs are subject to the following:

2512.04.E.4.f.1 Whirlpools must have a self-draining pump/motor and an anti-microbial piping system.

2512.04.E.4.f.2 Acrylic whirlpools will be considered.

2512.04.E.4.f.3 Fiberglass whirlpools are not permitted.

2512.04.E.4.f.4 Manufacturer's specifications and cut sheets must be submitted for approval.

2512.04.E.5 **Canada | United States:** Unacceptable bathtubs: Fiberglass, acrylic, plastic, bathtub liners, applied bath mats or strips

2512.04.E.6 Resurfacing and acid etching to obtain a non-slip surface is permitted under the following conditions:

2512.04.E.6.a Treatment area must be color-matched to blend completely with the remainder of the bathtub.

2512.04.E.6.b Only bathtub bottoms may be treated. Any chipped or damaged bathtubs may merit replacement.

2512.04.E.6.c Work must be completed by a trained professional.

2512.04.E.6.d A brand approved vendor must be used. Refer to https://suppliersconnection.hilton.com for approved vendors.

2512.04.F Showers

2512.04.F.1 **Canada | Puerto Rico | United States:** Showers are required in all King room types.

2512.04.F.2 Floor Drain

Canada | United States: In guest bathrooms with roll-in showers, install an area drain (brass body and chrome plated) with sloped floor for proper drainage.

2512.04.F.3 **Canada | United States:** The minimum shower receptor dimensions must be 60"/1.5 m x 36"/914mm. Existing hotels replacing tubs with showers can reduce the depth where necessary and when allowed by local code.
Mexico: The minimum shower receptor dimensions must be 53"/135 cm x 32"/81 cm.

2512.04.F.4 Acceptable shower receptors:

2512.04.F.4.a Cast iron receptors that meet the following minimum requirements:

2512.04.F.4.a.1 An acid-and scratch-resistant enameled finish on a single one-piece, sand-cast base with integral apron.

2512.04.F.4.a.2 An integral slip-resistant surface on the bottom of the well meeting ASTM F462-79 (2007) Slip-Resistant Bathing Facilities (www.astm.org).

2512.04.F.4.b Porcelain-on-steel composite receptors that meet the following minimum requirements:

2512.04.F.4.b.1 An acid-resistant enameled finish on a minimum .0598"/1.5 mm thickness (16-gauge), one-piece, steel-formed receptor with an integral apron and an acrylic-composite backing on the underside.

2512.04.F.4.b.2 An integral slip-resistant surface on the bottom of the well meeting ASTM F462-79 (2007) Slip-Resistant Bathing Facilities (www.astm.org).

2512.04.F.4.b.3 Straight tiling bead/flange.

2512.04.F.4.b.4 Fully-bonded or integrated support on the bottom of the receptor unit for support strength, sound deadening and heat retention.

2512.04.F.4.c Porcelain-on-steel (POS) receptors that meet the following minimum requirements:

2512.04.F.4.c.1 An acid-resistant enameled finish on a minimum .0598”/1.5 mm thickness (16-gauge), one-piece, steel-formed receptor with an integral apron.

2512.04.F.4.c.2 A slip-resistant surface on the bottom of the well meeting ASTM F-462 Slip-resistant Bathing Facilities (www.astm.com).

2512.04.F.4.c.3 Straight tiling bead/flange.

2512.04.F.4.c.4 Fully-bonded or integrated composite material on the bottom of the receptor unit for support strength, sound deadening and heat retention.

2512.04.F.4.d Single-piece cultured granite receptors.

2512.04.F.4.e Not Applicable to this Brand

2512.04.F.4.f Vikrell receptors by Sterling.

2512.04.F.4.g Not Applicable to this Brand

2512.04.F.4.h **Mexico:** Tile floor finishes are acceptable for showers with prior approval from Hilton on size, color and installation technique. Must meet the slip-resistance requirements described in 2514.03.A.

2512.04.F.5 **Canada | United States:** Unacceptable shower receptors: Fiberglass, plastic, acrylic
Mexico: Unacceptable shower receptors: Fiberglass, plastic

2512.04.F.6 Not Applicable to this Brand

2512.04.F.7 Shower enclosure

2512.04.F.7.a **Canada | United States:** Showers (without tubs) require a bypass sliding door system with a 72”/1.83 m minimum vertical walk-through clearance. Doors must be frameless with smooth, tempered clear glass, ¼”/6 mm minimum thick, with towel bar handles (mounted horizontally). Stabilizer bars for bracing are not allowed. System frame must be aluminum or stainless steel. Metal component finishes must match finishes of bath fixtures and accessories - refer to 2512.04.B.
Mexico: Showers (without tubs) require a double-acting swing door or bypass sliding door system with a 72”/1.83 m minimum walk-through clearance with an adjacent fixed panel. Doors must be frameless with smooth, tempered clear glass, 3/8”/9.5 mm minimum thickness, with towel bar handles (interior and exterior, mounted horizontally, centered on door panel). Stabilizer bars for bracing are not allowed. System frame must be silver/chrome finish, polished or brushed. Metal component finishes must match finishes of bath fixtures and accessories - refer to 2512.04.B.

2512.04.G Water Closet

2512.04.G.1 **Canada | United States:** Provide a tank type, vitreous china water closet with an elongated bowl. 1.6 gallons per flush/6.06 liters per flush, 1.28 gallons per flush/4.85 liters per flush or dual-flush and a minimum seat height of 17"/43 cm. Pressure-assist water closets are not acceptable.
Mexico: Provide a tank type, vitreous china water closet with an elongated bowl, 1.6 gallons per flush/6.06 liters per flush. 1.28 gallons per flush/ 4.85 liters per flush or dual-flush. Pressure-assist water closets are not acceptable.

2512.04.G.2 **Canada | United States:** Water closets must have a commercial grade, closed-front, solid plastic seat with cover. The water closet seat and lid must close slowly when released. The color of seat and lid must match the fixture.
Mexico: Water closets must have a commercial grade, closed-front, solid plastic seat with cover. The water closet seat and lid must remain in an upright position without being held and be soft closing. The color of seat and lid must match the fixture.

2512.04.G.3 Water supply must be mounted approximately 10”/254 mm above the floor to avoid conflict between the escutcheon plate and wall base.

2512.04.G.4 **Mexico:** Water closet must be provided with hand shower where culturally mandated by Hilton.

2512.04.G.5 Not Applicable to this Brand

2512.04.G.6 Not Applicable to this Brand

2512.04.G.7 Not Applicable to this Brand

2512.04.G.8 Washlets are allowed with prior approval.

2512.04.H Bathtub and Shower Controls

2512.04.H.1 Bathtub/Shower Applications: Valve must be anti-scald, pressure and/or thermostatic automatically compensating mixing valve type. Construction must include integral stops, high temperature limit adjustment and replaceable cartridges. Brass/Bronze construction required for the main body and internal piston. Lever operation of the valve is required for manual valves. Unless integral diverter is provided as part of the mixing valve, a lift knob for shower diversion must be located on top of the bath spout.

2512.04.H.1.a Minimum requirements:

2512.04.H.1.a.1 **Canada | United States:** Compliance to ASME A112.18.1/CSA B125.1 and ASSE 1016.
Mexico: Compliance to ASSE 1016 and/or EN 1111.

2512.04.H.2 Single Showerhead and combination showerhead/hand shower applications: Valve must be anti-scald, pressure and/or thermostatic automatically compensating mixing valve type. Construction must include integral stops, high temperature limit adjustment and replaceable cartridges. Brass/Bronze construction is required for the main body and internal pistons. Lever operation of the valve is required for manual valves. If applicable, lever or push button diverter actuation may be used. Diverter must be integral to the control valve or located within 1'-8"/0.5 m from the control valve.

2512.04.H.2.a Minimum requirements:

2512.04.H.2.a.1 **Canada | United States:** Compliance to ASME A112.18.1/CSA B125.1 and ASSE 1016.
Mexico: Compliance to either ASSE 1016 and/or EN 1111.

2512.04.H.3 Not Applicable to this Brand

2512.04.H.4 Valve trim: All finished exposed trim (including exposed valves) must meet minimum code requirements for corrosion in compliance to ASME A112.18.1/CSA B125.1. Trim must include identifiable control setting by symbols, letters or graphics/colors to indicate “off”, “cold” and “hot” operation for the control valve.

2512.04.H.5 All valves and trim must be approved by Hilton.

2512.04.H.6 Shower controls must be easily accessible (without being impacted by the water stream) from outside of the shower compartment. They must also be easily adjusted without stepping out of the water stream once in the shower compartment.

2512.04.H.7 Showerheads

2512.04.H.7.a **Canada | United States:** Provide an adjustable flow rate showerhead with fine and coarse spray. Showerhead must incorporate flow rate restrictor providing a maximum flow of 2.5 GPM/9.5 LPM at minimum delivered water pressure of 30 PSI/2.1 bar. Fixtures must be a plated finish or better to match bath fixtures and accessories. Zinc, zinc alloy, or plastic products are not acceptable.
Mexico: Provide an single flow showerhead. Showerhead must incorporate flow rate restrictor providing a maximum flow of 2.5 GPM/9.5 LPM at minimum delivered water pressure of 30 PSI/2.1 bar. Showerheads/hand showers rated at or below 2.0 GPM/7.6 LPM must comply with minimum performance standards for low flow heads similar to USEPA Water Sense listings. Showerhead must be approved by Hilton.

2512.04.H.7.b All showerheads/hand showers must be code listed indicating compliance to a formal standard and the markings should appear on the device. The code listing should include minimum corrosion standards.

2512.04.H.7.c Rough-in for the showerhead must be 6'-10"/2.08 m to 7'-0"/2.1m above the finished floor. Exception: showerheads on an adjustable bar/rail, in which case the bottom of the showerhead must reach at least 6'-6"/2.0 m.

2512.04.I Vanity Faucets

2512.04.I.1 **Canada | United States:** Provide commercial-grade faucets with dual lever handles with quarter-turn feature and 8”/200 mm centers, or single-lever handles. Fixtures must be solid brass with a plated finish or better, with replaceable cartridges, as manufactured by nationally known manufacturers. Lever handles must not have exposed screws. Lever-activated/lift rod/pop-up waste stoppers are required.
Mexico: Provide commercial grade faucets with dual lever handles with quarter turn feature and 8”/200 mm centers, or single-lever handles. Fixtures must be solid brass with a plated finish or better, with replaceable cartridges, as manufactured by nationally known manufacturers. Lever handles must not have exposed screws. Lever-activated/lift rod/pop-up waste stoppers are required.

2512.04.I.2 Each hot and cold water supply must have an individual shut off valve.

2512.04.I.3 **Canada | United States:** All properties must have a minimum 1.2 gpm/4.5 lpm aerator.
Mexico: All properties must have a 1.5 gpm/5.6 lpm aerator.

2512.04.J Wash Basin

2512.04.J.1 **Canada | United States:** Wash basin must be an undermount (bottom-set) vitreous china bowl.
Mexico: Wash basin must be an undermount/bottom-set vitreous china bowl.

2512.05 Electrical

2512.05.A Switch

Canada | United States: Provide a wall switch immediately adjacent to entrance of bathroom. All switch plates must be white to match the outlet wall plates.

Mexico: An LED night light must be provided inside the bathroom. Must be white light. The following products are permitted: Plug-in style night lights and night lights integrated into: The light switch or power outlet(s), The bathroom mirror, or the bathroom vanity lighting control system with night light scene.

2512.05.B Light & Exhaust Fan Switch

Mexico: Lights and exhaust fan must be switched separately.

2512.05.C Power Outlets

Two GFCI/ELCB/RCCB or equal power outlets (socket outlets) must be located at one end of the bathroom vanity for convenient use of personal care appliances (unless prohibited by local law). Power outlets (socket outlets) must not interfere with mirror. Locate outlet so that hanging towels do not obstruct use of the outlet.

2512.05.D Light Switch & Electric Outlet Locations

Locate the light switch and electrical outlets so they do not conflict with the mirror, vanity backsplash or towel holder.

2512.06 Lighting

2512.06.A Light Level Requirements

Comply with requirements included in Section 2514.08.

2512.06.B Damp Location Lighting

All guest bathroom lighting must be approved for a damp location.

2512.06.C Separately Switched Lighting

Canada | United States: Where the bathtub/toilet area is separate from the vanity area, lighting for each area must be separately switched.

2512.06.D Vanity Light

Canada | United States: Provide a wall-mounted decorative fixture in the guest bathroom over the vanity. Fixture must be proportional to mirror and vanity length.

2512.06.E Ceiling-mounted Light Fixture

Canada | Puerto Rico | United States: A ceiling-mounted light fixture is required near the shower.

Mexico: Recessed down lights and wall sconces must be provided as shown on the prototype drawings.

2512.06.F Night Light

Canada | United States: Provide a nightlight in the bathroom. The nightlight must be switched when the light is visible from the bed. Plug-in type are not allowed.

2512.07 Not Applicable to this Brand

2512.08 Vanities

2512.08.A Wash Basin/Vanity Top Height

The top of the wash basin must be 34"/860 mm high.

2512.08.B Base

2512.08.B.1 **Canada | Puerto Rico | United States:** Vanity base must be the new design as detailed in the FF&E specifications at https://designinformation.hilton.com.

Mexico: Vanity bases must have a furniture appearance with legs and a skirt.

2512.08.B.2 **Canada | United States:** Vanities must not touch side walls. The back must be securely attached to the wall.
Mexico: The back and sides must be securely attached to the wall.

2512.08.B.3 **Canada | United States:** Vanities must have metal legs and two hand towel bars.
Mexico: The vanity base, if of wood construction, must have a catalyzed waterproof finish and have a decorative/casegood appearance. Refer to Section 2515.01 for more information on the construction of the vanity base.

2512.08.B.4 Not Applicable to this Brand

2512.08.B.5 **Canada | United States:** Vanity base must include a recessed towel shelf as shown in the prototype specifications.
Mexico: If local code permits a hair dryer in the guest bathroom, provide a drawer or cubby for hair dryer storage.

2512.08.B.6 **Canada | Puerto Rico | United States:** Corner-mount vanities are no longer allowed. Existing corner vanities must be converted to straight vanities at time of bath renovation.

2512.08.C Tops

2512.08.C.1 **Canada | Puerto Rico | United States:** Tops must be held 2”/50 mm minimum off side walls unless opening is less than 4'-0"/1.2 m. Existing properties that have plumbing rough-ins on side walls rather than the rear wall should contact Hilton for solutions.
Mexico: Vanities must be a minimum of 18”/46 cm deep.

2512.08.C.2 **Canada | United States:** Vanity tops must be a minimum of 0.75"/2 cm thick granite or engineered stone. All tops must have a 4"/10 cm backsplash.
Mexico: Vanity tops, sides (when wall-to-wall vanities are provided) and backsplash must be a minimum of 3/4"/20 mm thick engineered stone, glass (semi-frosted underneath) or approved alternative and be stain resistant. A 4”/100 mm backsplash must be provided when the adjacent wall finish is not a tile surface. Cubby storage for towels must be provided. Refer to the prototype drawings.

2512.09 Bathroom Accessories

2512.09.A Bathroom Accessory Materials

All bathroom accessories must be non-corrosive and must match the plumbing fixture trim finish and style. Refer to section 2512.04.B for required finishes.

2512.09.B Internal Wood Blocking

Internal wood blocking secured to studs is required for all wall mounted accessory items.

2512.09.C Required Accessories

All guest bathrooms must contain the following accessories:

2512.09.C.1 Toilet Paper Holder

2512.09.C.1.a **Canada | United States:** A single or double-roll, surface mount toilet paper holder, non-restrictor type must be provided. All wall mount applications must utilize decorative holders.
Mexico: A double-roll, surface-mount toilet paper holder, non-restrictor type must be provided.

2512.09.C.2 Not Applicable to this Brand

2512.09.C.3 Grab Bar

2512.09.C.3.a A grab bar with a minimum 12”/300 mm long gripping surface (portion of the bar that is 1.5”/38 mm from the wall) is required at all bathtubs & whirlpools. A grab bar is not required at freestanding tubs and is optional for shower enclosures.

For Tubs and Whirlpools, the grab bar must be mounted vertically 6”/150 mm to 12”/300 mm from the outermost edge of the tub, at the main tub entry/exit point.

For Showers, when a grab bar is provided it must be mounted vertically and may be located on any wall, at least 6”/150 mm from any corner or shower edge. Placement must be coordinated with swinging shower doors.

Grab bars must be decorative and coordinate with the surrounding fixtures and accessories. A grab bar is not required at freestanding tubs.

2512.09.C.3.b

All grab bars must be securely anchored and capable of withstanding 250 lbs/120 kgs of pull. The gap between the wall and the grippable area must not exceed 1.5”/38 mm. Cement adhesive is not acceptable. Grab bars must have flange covers to conceal the mounting screws. Towel bars must not serve as a grab bar.

2512.09.C.4 Soap Dishes and Foot Rests

2512.09.C.4.a **Canada | United States:** Soap dishes must not have grab handles and must not be plastic. For shower-only units and bathtub/shower combos, a soap dish must be placed in the corner on the showerhead wall, 48”/1.20 m above the finished floor.
Mexico: If provided in lieu of bulk amenities, soap dishes must not have grab handles and must not be plastic. For shower-only units and bathtub/shower combos, a soap dish must be placed in the corner on the showerhead wall, 48”/1.20 m above the finished floor.

2512.09.C.4.b Not Applicable to this Brand

2512.09.C.4.c Not Applicable to this Brand

2512.09.C.4.d **Canada | United States:** For shower-only units, a footrest must be placed in the corner opposite the showerhead on the back wall. Top of the footrest must be 15”/381 mm above the finished floor. Foot rests must not be free-standing, adjustable or malleable. They must have structural integrity, be self-waterproofing, vandal-proof, shed water and soap quickly.

2512.09.C.5 **Canada | United States:** Towel Storage

2512.09.C.5.a **Canada | United States:** Provide accessible towel storage for guest use in the vanity base.

2512.09.C.5.b **Canada | United States:** A minimum of two towel-hanging options must be provided at every tub and shower as well as a hand towel-hanging option at the vanity. Any combination of towel bars, towel hooks, vanity bar/hardware or shower door bar/hardware may be used to satisfy this requirement.

2512.09.C.6 Towel Bar

2512.09.C.6.a **Canada | United States:** Towel bars must be 18”/450 mm minimum. Light switches and receptacles must not be concealed when towels are in place.

2512.09.C.7 **Canada | United States:** A towel hook is required and satisfies one of the towel-hanging requirements from 2512.09.C.5.b. It must be single-prong and mounted approximately 6'-0"/1.80 m above the finished floor.

2512.09.C.8 **Canada | Puerto Rico | United States:** Existing robe hooks cannot serve dual purpose as the towel hook.

2512.09.C.9 **Canada | United States:** A brand approved bulk dispenser with bracket is required for dispensing full-size liquid bath amenities in the shower and/or bath. A brand approved bulk dispenser with bracket is allowed for dispensing full-size liquid bath amenities at the vanity.
Mexico: A brand approved bulk dispenser with bracket is required for dispensing full-size liquid bath amenities in the shower/bath and at the vanity.

2512.10 Furniture, Fixtures and Equipment

Refer to Section 2515.00 for typical FF&E requirements.

2512.10.A Artwork

2512.10.A.1 **Canada | Puerto Rico | United States:** Artwork is required when shown on the prototype drawings (or in the FF&E Specifications for existing properties).
Mexico: Artwork is required when shown on the prototype drawings.

2512.10.B Mirror

2512.10.B.1 A decorative mirror is required above the vanity. There must be no visible clips or fasteners. Must be installed with tamper-proof wall mounts.

2512.10.B.2 Not Applicable to this Brand

2512.10.B.3 **Canada | United States:** Integral lit and backlit mirrors must have the entire mirror UL approved and labeled, not just the components.

2513.00 Back-of-House

Refer to Section 2514.00, Technical Criteria, Section 2515.00, Furnishings, Fixtures and Equipment, and https://lobbylite.hilton.com/departments/heart-of-house for requirements applicable to this section.

2513.01 Office

2513.01.A All Offices

2513.01.A.1 Provide, as a minimum, the offices and work areas as shown on the prototype drawings. Hilton reserves the right to require additional offices dependent upon a particular property's location.

2513.01.A.2 **Canada | United States:** Provide a tamper-proof, 180-degree, one-way viewer or sidelight at the back office door adjacent to the front desk. Install viewer at centerline of door, 5'-0"/1.5 m above the finished floor.
Mexico: Provide a tamper-proof, 180-degree, one-way viewer or sidelight at the main office door entry. Install viewer at centerline of door, 5'-0"/1.5 m above the finished floor.

2513.01.A.3 **Canada | United States:** Provide locksets with push-button lock or electronic card reader on all offices. Push-button lock must release with a key, by turning the inside lever and/or by closing the door.
Mexico: Provide locksets with electronic card reader on all offices adjacent to guest areas.

2513.01.A.4 Not Applicable to this Brand

2513.01.A.5 Finish Options - Offices

2513.01.A.5.a Floor: Carpet (broadloom, carpet tile)

2513.01.A.5.a.1 **Canada | United States:** Base (minimum): 4"/100 mm vinyl, carpet
Mexico: Base (minimums): 4"/100 mm vinyl, through body synthetic, wood. Base is required in general office reception area, vinyl or matching the floor finish.

2513.01.A.5.b **Canada | United States:** Wall: Vinyl wallcovering, acrylic knockdown, paint
Mexico: Wall: Paint

2513.01.A.5.c **Canada | United States:** Ceiling: Acoustic ceiling tile
Mexico: Ceiling: Paint on gypsum board, acoustic ceiling tile (optional)

2513.01.A.5.d Accent colors are required throughout the office areas and require approval by Hilton Design.

2513.01.A.6 All built-in counters, shelves and cabinets must have a minimum plastic laminate finish. Work counters must be 30”/760 mm deep. The top surface material must comply with Section 2515.04.

2513.01.A.7 Mechanical

2513.01.A.7.a **Canada | United States:** Provide a thermostat for the office area.
Mexico: Provide a thermostat for the office area. Separate controls are required for the general manager’s office.

2513.01.A.8 Electrical

2513.01.A.8.a **Canada | United States:** At each desk/workstation there must be a minimum of four dedicated power outlets (socket outlets), two can be USB outlets. This must be located within 3'-0"/915 mm of the workstation. All outlets must be ground. Each dedicated circuit may provide power for up to three workstations.
Mexico: At each desk/workstation there must be a minimum of four dedicated power outlets (socket outlets), two can be USB/USB-C dual outlets. This must be located within 3'-0"/915 mm of the workstation. All outlets must be ground. Each dedicated circuit may provide power for up to three workstations. All existing USB outlets to be changed to USB-C outlets during renovations and conversions.

2513.01.A.8.b Provide a minimum of two convenience power outlets (socket outlets) on each wall or desk location with spacing not to exceed 20’-0”/6.0 m on center.

2513.01.A.8.c Provide one power outlet (socket outlet) on a dedicated circuit for the copier.

2513.01.A.8.d Not Applicable to this Brand

2513.01.A.8.e Not Applicable to this Brand

2513.01.A.8.f All office lighting must be locally switched.

2513.01.A.8.g Refer to Section 2514.08 for minimum light level requirements.

2513.01.A.9 Provide three data outlets at each workstation.

2513.01.A.10 Each workstation must be wired as required by Section 2518.00.

2513.01.A.11 Provide commercial grade, coordinating furniture in all offices and personal storage with seating in open offices.

2513.01.A.12 For each office, provide a minimum of the following:

2513.01.A.12.a Desk (with pencil drawer and file drawer)

2513.01.A.12.b Desk chair with arms, five-star base with casters and pneumatic lift. Arms must be coordinated with clearance under the desk.

2513.01.A.12.c File cabinets (must be lockable)

2513.01.A.13 **Canada | United States:** Safe deposit boxes are required in the work area when safes are not provided in each guest room. One box is required for every 20 guest rooms.

2513.02 Housekeeping Zones

2513.02.A Laundry

2513.02.A.1 The minimum size of the laundry area and the minimum number of equipment pieces must be as shown in the prototype drawings. Outsourced laundry services must be approved by Hilton. The following standards are applicable to the onsite laundry except where noted.

2513.02.A.2 Not Applicable to this Brand

2513.02.A.3 Locate the laundry on lowest level of the property and acoustically insulate to prevent vibration and noise transmission to other areas of the property.

2513.02.A.4 Not Applicable to this Brand

2513.02.A.5 Not Applicable to this Brand

2513.02.A.6 **Canada | United States:** Dryers must be enclosed in a gypsum board enclosure. Provide at least 2’-0”/600 mm of service access in the rear. Verify all service access requirements. The door to this enclosure must open out.
Mexico: Dryers must be enclosed in a gypsum board enclosure. Provide at least 2’-0”/600 mm of service access in the rear. Verify all service access requirements. The door to this enclosure may open in or out of the room as long as equipment use and maintenance clearances are provided - confirm local code requirements for door swing.

2513.02.A.7 **Canada | United States:** Provide a lockable linen storage adjacent to the laundry. The room must be sized to accommodate 36 lineal feet of 18”/450 mm-deep shelving.
Mexico: Provide painted wood shelving (fully supported) or metal shelving in linen storage areas.

2513.02.A.8 Not Applicable to this Brand

2513.02.A.9 Not Applicable to this Brand

2513.02.A.10 The laundry must contain the termination of the linen chute.

2513.02.A.11 Doors

2513.02.A.11.a **Canada | United States:** Entrance doors must be 3’-6”/1.0 m wide.
Mexico: Provide a double-door entry with a minimum 5'-0"/1.5 m clear opening. Single-swing only conditions must have a minimum door width of 3’-6”/1.0 m.

2513.02.A.11.b **Canada | United States:** Primary entrance door must have lockset and automatic door closer.
Mexico: Primary entrance door must have lockset, large kickplate, door closer and hold-open feature.

2513.02.A.12 Finish Options - Laundry

2513.02.A.12.a Floor: Vinyl composition tile (allowed in dry areas, but not under large stationary equipment); concrete - steel troweled, triple epoxy sealed or better

2513.02.A.12.a.1 Base (minimum): 4"/100 mm vinyl

2513.02.A.12.b Wall: Epoxy paint, moisture-resistant gypsum board (painted), masonry (painted)

2513.02.A.12.c Ceiling: Moisture-resistant acoustic ceiling tile, paint on gypsum

2513.02.A.12.c.1 **Mexico:** Provide a minimum ceiling height of 7’-6”/2.28 m.

2513.02.A.13 Mechanical

2513.02.A.13.a Provide an independent central HVAC system for the laundry.

2513.02.A.13.b Not Applicable to this Brand

2513.02.A.13.c Dryer Makeup Air and Exhaust System:

2513.02.A.13.c.1 **Canada | United States:** Provide source for outdoor treated makeup air as required by the dryer manufacturer’s recommendations. **Mexico:** Provide source for outdoor makeup air as required by the dryer manufacturer’s recommendations. Dryers must be enclosed.

2513.02.A.13.c.2 Provide combustion air source for gas dryers that comply with NFPA 54 and 90A requirements (www.NFPA.org).

2513.02.A.13.c.3 In cold climates, protect equipment and piping from freeze potential.

2513.02.A.13.c.4 Fabricate and install exhaust ductwork to minimize dust or lint entrapment and provide cleanout openings at least 20’-0”/6.0 m.

2513.02.A.13.c.5 Laundry equipment supplier must provide a wet or dry exhaust vent filter to collect and control lint accumulation.

2513.02.A.13.c.6 Provide weather-stripped, motorized dampers interlocked to the dryer circuit.

2513.02.A.13.d Not Applicable to this Brand

2513.02.A.13.e Plumbing

2513.02.A.13.e.1 **Mexico:** Provide a commercial grade mop sink.

2513.02.A.13.e.2 Provide area floor drains and a continuous trough drain with open grating at the washers/extractors.

2513.02.A.13.e.3 Provide water temperatures to washing equipment at 165 °F/74 °C or as recommended by the equipment supplier and chemical system provider.

2513.02.A.13.e.4 Provide floor drains in front of every other washer.

2513.02.A.13.e.5 Provide individual shut off valves for each laundry equipment item, for each type of service.

2513.02.A.13.e.6 Not Applicable to this Brand

2513.02.A.13.e.7 Not Applicable to this Brand

2513.02.A.13.e.8 Provide a commercial grade, stainless steel, utility sink.

2513.02.A.13.e.9 Not Applicable to this Brand

2513.02.A.13.e.10 Provide water softening for laundry if domestic water supply exceeds five grains of hardness.

2513.02.A.13.e.11 Where team members handle substances that could injure their eyes or get onto their bodies, provide a plumbed or gravity fed eyewash station and/or safety shower with floor drain that complies with ANSI/ISEA Z358.1 (www.ansi.org). It must be on an unobstructed path and accessible within 10 seconds of the hazard. Bottled saline or flushing liquids are considered a secondary eyewash and should not be used in place of an ANSI compliant unit.

2513.02.A.14 Electrical

2513.02.A.14.a Provide power as required for washers/extractors, dryers and ironers.

2513.02.A.14.b Refer to Section 2514.08 for minimum light level requirements.

2513.02.A.14.c Not Applicable to this Brand

2513.02.A.14.d Provide a minimum of two power outlets (socket outlets) on each wall with spacing not to exceed 20'-0"/6.0 m on center in laundry.

2513.02.A.14.e Provide a GFCI/ELCB/RCCB or equal ground fault protected power outlet (socket outlet) behind each washer for service and detergent dispenser.

2513.02.A.14.f Provide a GFCI/ELCB/RCCB or equal ground fault protected power outlet (socket outlet) behind dryers for service.

2513.02.A.15 Provide an outlet for a wall-mounted house telephone.

2513.02.A.16 Equipment

2513.02.A.16.a All laundry equipment must be installed with vibration isolators.

2513.02.A.16.b Not Applicable to this Brand

2513.02.A.16.c Not Applicable to this Brand

2513.02.A.16.d Not Applicable to this Brand

2513.02.A.16.e **Canada | United States:** Provide a small commercial grade washer and dryer in the laundry area for hotels that will outsource their laundry service.
Mexico: Provide a small commercial grade washer and dryer in hotels without full service laundries.

2513.02.A.17 Provide a table for folding laundry with adjustable heights.

2513.02.B Linen Chute

2513.02.B.1 **Canada | United States:** Linen chutes are required in buildings with three or more floors. In two-story buildings, a linen drop is permitted with a 1-½ hour fire-rated door assembly to maintain the required floor-to-floor fire rating.
Mexico:

Linen chutes are required in buildings with three or more floors unless a service elevator is provided. In two-story buildings, a linen drop is permitted with a 1-½ hour fire-rated door assembly to maintain the required floor-to-floor fire rating.

2513.02.B.2 Direct access from a guest corridor or any other public area is not allowed.

2513.02.B.3 The linen chute must be 24”/600 mm diameter with an 18”/450 mm square access door on each guestroom floor.

2513.02.B.4 Linen chutes must run vertically. Offsets are not allowed. The linen chute must terminate in the sorting area of the laundry.

2513.02.B.5 Not Applicable to this Brand

2513.02.B.6 Linen chute discharge doors must be top-hinged with fusible link release, fire/smoke seals and, when closed, must be at least 6’-0”/1.8 m above the finished floor.

2513.02.C Housekeeping

Canada | United States: Housekeeping**Mexico:** Housekeeping

2513.02.C.1 **Mexico:** The Housekeeping & Linen-Uniform Storage area must be directly adjacent to the service elevators/lifts and laundry room with convenient access from the team member locker rooms.

2513.02.C.2 Not Applicable to this Brand

2513.02.C.3 **Mexico:** The Housekeeping & Linen-Uniform Storage area consists of the Housekeeping desk, bulk linen storage and uniform storage.

2513.02.C.4 Not Applicable to this Brand

2513.02.C.5 Not Applicable to this Brand

2513.02.C.6 Not Applicable to this Brand

2513.02.C.7 Not Applicable to this Brand

2513.02.C.8 Not Applicable to this Brand

2513.02.C.9 **Mexico:** Doors

2513.02.C.9.a **Mexico:** Provide an entrance door with sidelight or view panel, lockset, large kickplate, hold-open feature and closer.

2513.02.C.10 **Mexico:** Finish Options - Housekeeping & Linen-Uniform Storage

2513.02.C.10.a **Mexico:** Floor: Vinyl composition tile (allowed in dry areas, but not under large stationary equipment); concrete - steel troweled, triple epoxy sealed or better

2513.02.C.10.a.1 **Mexico:** Base (minimum): 4"/100 mm vinyl

2513.02.C.10.b **Mexico:** Wall: Epoxy paint, moisture-resistant gypsum board (painted), masonry (painted)

2513.02.C.10.c **Mexico:** Ceiling: Moisture-resistant acoustic ceiling tile, paint on gypsum

2513.02.C.10.c.1 **Mexico:** Provide a minimum ceiling height of 7’-6”/2.28 m.

2513.02.C.11 Not Applicable to this Brand

2513.02.C.12 Mechanical/Plumbing

2513.02.C.12.a Not Applicable to this Brand

2513.02.C.12.b **Canada | United States:** Where team members handle substances that could injure their eyes or get onto their bodies, provide a plumbed eyewash station and/or safety shower that complies with ANSI/ISEA Z358.1-2009 (www.ansi.org) with floor drain. It must be on an unobstructed path and accessible within 10 seconds of the hazard.

2513.02.C.13 **Mexico:** Electrical

2513.02.C.13.a **Mexico:** Provide a telephone outlet.

2513.02.C.13.b **Mexico:** Provide a property management system terminal and report printer at the desk with adjacent power and data outlets.

2513.02.C.13.c **Mexico:** Lighting must be locally switched.

2513.02.C.13.d **Mexico:** Refer to Section 2514.08 for minimum light level requirements.

2513.02.C.13.e **Mexico:** Provide a duplex power outlet (socket outlet) above the counter-height surface with storage below.

2513.02.C.13.f **Mexico:** Provide a minimum of two power outlets (socket outlets) on each wall with spacing not to exceed 20’-0”/6.0 m on center.

2513.02.C.14 Not Applicable to this Brand

2513.02.C.15 Not Applicable to this Brand

2513.02.C.16 **Mexico:** Provide a fire-rated safety cabinet to store flammable liquids/spray cans.

2513.02.C.17 **Mexico:** Provide a built-in countertop with storage below and full-height, tiered shelving (on an opposite wall). The top surface material must be compliant with Section 2515.04. The bottom tiered shelf must be held a minimum 4"/10 cm off the finished floor.

2513.02.C.18 **Mexico:** Provide a desk workstation with task chair.

2513.03 Engineering

Canada | United States: Engineering**Mexico:** Engineering

2513.03.A Size Requirement

Canada | United States: The engineering area must be a minimum of 150 ft²/14 m².

Mexico: The Maintenance Office must be a minimum of 54 ft²/5 m².

2513.03.B Location

Mexico: The Maintenance Office must be directly adjacent to the primary mechanical and electrical equipment room and be readily accessible to the service corridor and service elevators/lifts.

2513.03.C Not Applicable to this Brand

2513.03.D Not Applicable to this Brand

2513.03.E Not Applicable to this Brand

2513.03.F Not Applicable to this Brand

2513.03.G Workbench/Desk

Canada | United States: Provide a workbench and wall cabinets as detailed in the prototype drawings.

Mexico: Provide a workbench and separate desk with task chair.

2513.03.H Door

2513.03.H.1 Not Applicable to this Brand

2513.03.H.2 Doors must have a lockset.

2513.03.I Finish Options - Engineering

2513.03.I.1 **Canada | United States:** Floor: Vinyl composite tile, vinyl sheet; concrete - steel troweled and sealed (only when room does not open off a public area)
Mexico: Floor: Vinyl composite tile, concrete - steel troweled and sealed (only when room does not open directly off a public area)

2513.03.I.1.a Base (minimum): 4"/100 mm vinyl

2513.03.I.2 Wall: Paint

2513.03.I.3 **Canada | United States:** Ceiling: Acoustic ceiling tile
Mexico: Ceiling: Acoustic ceiling tile, paint on gypsum board, painted structure

2513.03.J Not Applicable to this Brand

2513.03.K Workbench Power Outlets

Provide a minimum of eight power outlets (socket outlets) above the workbench – at least two of the eight power outlets (socket outlets) must be sized for power tools.

2513.03.L MATV Outlets

Mexico: Provide two MATV outlets above the workbench.

2513.03.M Not Applicable to this Brand

2513.03.N Stationary Power Tool Power Outlets

When a full workshop is provided, provide a minimum of two power outlets (socket outlets) on separate circuits sized for stationary power tools.

2513.03.O Wall Convenience Power Outlets

Provide a minimum of two convenience power outlets (socket outlets) on each wall with spacing not to exceed 20’-0”/6.0 m on center.

2513.03.P PMS Connection

Provide a property management system connection at the engineer’s desk.

2513.03.Q Not Applicable to this Brand

2513.03.R Desk Telephone Outlet

Provide a telephone outlet at the engineer’s desk.

2513.03.S Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2513.04 Team Member Facilities

2513.04.A Dining/Break Room

2513.04.A.1 **Canada | United States:** A break room must be included as shown on the prototype drawings.
Mexico: A break room must be included as shown on the prototype drawings in compliance with the Heart of House documentation.

2513.04.A.2 Not Applicable to this Brand

2513.04.A.3 **Mexico:** The team member dining/break room must have easy access from back of house. Food delivery cannot be through public areas.

2513.04.A.4 Not Applicable to this Brand

2513.04.A.5 Not Applicable to this Brand

2513.04.A.6 **Mexico:** Provide a collection area for soiled dishes and garbage.

2513.04.A.7 Not Applicable to this Brand

2513.04.A.8 Doors, when accessed directly off a service corridor, must have a glass vision panel.

2513.04.A.9 Finish Options - Dining/Break Room

2513.04.A.9.a **Canada | United States:** Floor: Porcelain tile, luxury vinyl tile (LVT)
Mexico: Floor: Luxury vinyl tile (LVT), enhanced resilient tile (ERT), vinyl composition tile (VCT), porcelain tile, ceramic tile, polished concrete

2513.04.A.9.a.1 **Canada | United States:** Base (minimums): 4"/100 mm vinyl or rubber profiled base; 3"/75 mm porcelain tile
Mexico: Base (minimums): 4"/100 mm vinyl, through body synthetic, porcelain tile, ceramic tile

2513.04.A.9.b **Canada | United States:** Wall: Paint. Heart of House: regionalized feature wall graphic or HoH circular "Thank You" graphic.
Mexico: Wall: Paint, regionalized feature wall graphic

2513.04.A.9.c **Canada | United States:** Ceiling: Acoustic ceiling tile, paint on gypsum
Mexico: Ceiling: Acoustic ceiling tile, paint on gypsum board, painted structure

2513.04.A.9.c.1 Not Applicable to this Brand

2513.04.A.9.c.2 **Mexico:** Ceilings must be a minimum height of 7'-6"/2.28 m.

2513.04.A.10 Furnishings, Fixtures and Equipment

2513.04.A.10.a Provide counter and cabinets to house the required fixtures and appliances. The top surface material must comply with Section 2515.04.

2513.04.A.10.b **Canada | United States:** Provide a minimum of one table with high pressure laminate top and four chairs. Excess guestroom, restaurant, or banquet furniture is not permitted.
Mexico: Provide a minimum of three two-top tables with high pressure laminate top and six chairs.

2513.04.A.10.c Provide a microwave, full-size refrigerator and full-size stainless-steel wash basin with hot and cold water.

2513.04.A.10.d **Canada | Mexico:** Provide a wall-mounted television. The television must be easily viewable from all locations. If the television is not easily viewable from all locations, hotel must install one or more additional televisions of the same size. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09.
United States: Provide a wall-mounted television. The television must be easily viewable from all locations. If the television is not easily viewable from all locations, hotel must install one or more additional televisions of the same size. Televisions must comply with the sizes and specifications provided in Sections 713.00 and 2514.09. Each television requires a grounded power outlet (socket outlet), CAT6 cable and coaxial cable.

2513.04.A.11 Refer to Section 2514.08 for minimum light level requirements.

2513.04.A.12 A data line extension from the Computer/Telecom room and four power outlets (socket outlets) for a computer are required if room is used for training.

2513.04.A.13 Provide a minimum of one outlet for a house telephone if not adjacent to laundry.

2513.04.B Locker Room / Team Member Restroom

2513.04.B.1 **Canada | Puerto Rico | United States:** Locker rooms are not required.
Mexico: Provide separate men's and women's changing rooms for team members.

2513.04.B.2 **Canada | Puerto Rico | United States:** Provide a unisex team member restroom separate from the public restrooms.
Mexico: Provide a team member restroom with the number of fixtures required by local code or as are shown in the prototype, whichever is greater.

2513.04.B.3 Not Applicable to this Brand

2513.04.B.4 Not Applicable to this Brand

2513.04.B.5 Not Applicable to this Brand

2513.04.B.6 Not Applicable to this Brand

2513.04.B.7 Not Applicable to this Brand

2513.04.B.8 Water closet partitions and doors are required for multiple user rooms.

2513.04.B.9 Water closet partition doors must be a minimum of 2'-6"/760 mm wide and be self-closing.

2513.04.B.10 Multiple user rooms require an entry door with stainless steel or aluminum kick plates and push/pull plates. Single user rooms require an entry door with a lockset and closer.

2513.04.B.11 Finish Options - Team Member Locker Room

2513.04.B.11.a **Mexico:** Floor: Porcelain tile, ceramic tile, polished concrete

2513.04.B.11.a.1 **Canada | United States:** Base (minimums): 4"/100 mm vinyl, porcelain tile (with tile floor)
Mexico: Base (minimums): 4"/100 mm vinyl, porcelain tile or ceramic tile (with tile floor)

2513.04.B.11.b Wall: Paint

2513.04.B.11.c **Canada | United States:** Ceiling: Acoustic ceiling tile
Mexico: Ceiling: Acoustic ceiling tile, painted gypsum board

2513.04.B.12 Finish Options - Team Member Restroom

2513.04.B.12.a **Canada | United States:** Floor: Porcelain tile
Mexico: Floor: Porcelain tile, ceramic tile, vinyl composite tile (VCT)

2513.04.B.12.a.1 **Canada | United States:** Base (minimums): 4"/100 mm porcelain tile, vinyl
Mexico: Base (minimums): 4"/100 mm porcelain tile, ceramic tile, vinyl

2513.04.B.12.b Wall: Paint, accent tile (floor-to-ceiling at wet walls, minimum)

2513.04.B.12.c **Canada | United States:** Ceiling: Acoustic ceiling tile
Mexico: Ceiling: Acoustic ceiling tile, painted gypsum board

2513.04.B.13 Mechanical/Plumbing

2513.04.B.13.a Water closets must be vitreous china and flush valve-type with elongated bowls.

2513.04.B.13.b **Canada | United States:** Water closet seats must be white, solid plastic and be self-sustaining.
Mexico: Water closet seats must be white, solid plastic, open-front and be self-sustaining.

2513.04.B.13.c Wash basins must be wall-mounted.

2513.04.B.13.d Not Applicable to this Brand

2513.04.B.13.e Exposed plumbing must be chrome-plated.

2513.04.B.13.f Not Applicable to this Brand

2513.04.B.13.g Provide a chrome-plated brass floor drain in restrooms. Slope floor to drain.

2513.04.B.14 Refer to Section 2514.08 for minimum light level requirements.

2513.04.B.15 Not Applicable to this Brand

2513.04.B.16 Furnishings, Fixtures and Equipment

2513.04.B.16.a Provide a mirror above each wash basin.

2513.04.B.17 Restroom accessories are required as follows:

2513.04.B.17.a Covered dual toilet paper holder.

2513.04.B.17.b Not Applicable to this Brand

2513.04.B.17.c Not Applicable to this Brand

2513.04.B.17.d Wall-mounted waste receptacle or waste basket.

2513.04.B.17.e Wall-mounted motion-activated paper towel dispenser. Electric hand dryers are allowed when used in conjunction with motion-activated paper towel dispensers.

2513.04.B.17.f Touchless liquid soap dispenser at each wash basin.

2513.04.B.17.g A coat hook is required on the back of each door, mounted 48”/1.2 m above the finished floor.

2513.04.B.18 Not Applicable to this Brand

2513.04.B.19 **Canada | United States:** Provide a minimum of one locker per 15 guestrooms. When separate rooms are provided for lockers, allocate the number of the lockers according to team member mix.
Mexico: Provide a minimum of six lockers. For hotels with 75 guestrooms or more, a minimum of 10 lockers is required.

2513.04.B.20 Lockers must be a minimum of 2.5 ft³/ 0.07 m³, two-tier with a base.

2513.04.B.21 Benches in locker rooms must be 9"/225 mm x 4'-0"/1.2 m and secured to the floor.

2513.04.C Team Member Nursing Room

2513.04.C.1 **Mexico:** A private room/office may be required by the local jurisdiction. If so, the room is not allowed to be located within the restroom.
United States: A private room/office may be required by the Fair Labor Standards Act. If so, the room is not allowed to be located within the restroom.

2513.04.C.2 **Mexico | United States:** Provide a sink, side table with under-counter refrigerator, lounge chair, full-length mirror and electrical convenience outlet.

2513.04.D Relaxation Room
Mexico: Relaxation Room

2513.04.D.1 Not Applicable to this Brand

2513.04.D.2 Not Applicable to this Brand

2513.04.D.3 **Mexico:** The room must be a separate room and conveniently accessible from the team member dining room. In places where this is not feasible, the room may be a partitioned section of the team member dining/break room.

2513.04.D.4 Not Applicable to this Brand

2513.04.D.5 Not Applicable to this Brand

2513.04.D.6 **Mexico:** Furnishings, Fixtures and Equipment

2513.04.D.6.a **Mexico:** Seating must be provided with convenience outlets.

2513.04.D.6.b **Mexico:** TV size is dependent upon size of room. The television must be easily viewable from all locations. If the television is not easily viewable from all locations, hotel must install one or more additional televisions of the same size. See Sections 713.00 and 2514.09.

2513.04.D.7 **Mexico:** Doors, when accessed directly off a service corridor, must have a glass vision panel.

2513.04.D.8 **Mexico:** Finish Options - Relaxation Room

2513.04.D.8.a **Mexico:** Floor: Luxury vinyl tile (LVT), porcelain tile, ceramic tile, polished concrete

2513.04.D.8.a.1 **Mexico:** Base (minimums): 4"/100 mm vinyl, through body synthetic, porcelain tile, ceramic tile

2513.04.D.9 **Mexico:** Wall: Paint

2513.04.D.10 **Mexico:** Ceiling: Acoustic ceiling tile, paint on gypsum

2513.04.D.10.b **Mexico:** Ceilings must be a minimum height of 7'-6”/2.28 m.

2513.04.E Not Applicable to this Brand

2513.04.F Not Applicable to this Brand

2513.04.G Not Applicable to this Brand

2513.04.H Not Applicable to this Brand

2513.04.I Not Applicable to this Brand

2513.04.J Employee Smoking Area

Canada | United States: When possible, provide a team member smoking area that is covered and invisible to guests view with seating, an ash urn, trash can and heater in cold climates.

2513.05 Storage

2513.05.A General Storage Requirements

Canada | United States: General storage must be a minimum of 120 ft²/11.14 m² or 1 ft²/0.093 m² per guestroom, whichever is greater.

Mexico: General storage must be provided – refer to prototype drawings for minimum facilities.

2513.05.B Not Applicable to this Brand

2513.05.C Secured Lost & Found Storage

Provide a secured storage for lost and found.

2513.05.D Not Applicable to this Brand

2513.05.E Finish Options - Storage

2513.05.E.1 Floor: Vinyl composite tile, concrete - steel troweled and sealed

2513.05.E.1.a Base (minimum): 4"/100 mm vinyl

2513.05.E.2 Wall: Paint

2513.05.E.3 **Canada | United States:** Ceiling: Paint, acoustic ceiling tile
Mexico: Ceiling: Paint on gypsum, acoustic ceiling tile, painted structure

2513.05.F Wall Convenience Power Outlets

Provide a minimum of one convenience power outlet (socket outlet) on each wall with spacing not to exceed 20’-0”/6.0 m on center.

2513.05.G Light Fixture Exclusions

Incandescent light fixtures are not acceptable.

2513.05.H Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2513.05.I Gas-Powered Equipment/Flammable Liquid Storage

Gasoline-powered equipment and flammable liquids must be stored in an enclosure away from the main building, in a protected room or in a cabinet specifically constructed and approved for the storage of flammable liquids.

2513.05.J Linen Storage

2513.05.J.1 A linen storage room must be provided on each floor.

2513.05.J.2 Not Applicable to this Brand

2513.05.J.3 Not Applicable to this Brand

2513.05.J.4 Not Applicable to this Brand

2513.05.J.5 Not Applicable to this Brand

2513.05.J.6 Not Applicable to this Brand

2513.05.J.7 Each linen storage must contain the following elements:

2513.05.J.7.a Cart storage: Provide space for two carts, each approximately 58”/1.5 m long x 21”/550 mm wide x 44”/1.1 m high.

2513.05.J.7.b Linen storage: Provide 36’-0”/10 m (total lineal) of 18”/450 mm deep, floor-to-ceiling shelving spaced approximately 18”/450 mm apart.

2513.05.J.7.c Housekeeping appliances storage: Provide a limited amount of vertical storage space for mops, brooms, etc.

2513.05.J.8 Not Applicable to this Brand

2513.05.J.9 Not Applicable to this Brand

2513.05.J.10 Any electrical risers or equipment located within the linen room is required to be enclosed in a serviceable closet or have a lockable panel cover.

2513.05.K Outdoor Storage

2513.05.K.1 An outdoor storage building may be required based on site constraints and climate conditions. If provided, it must be a concrete block structure with an exterior finish to match that of the main building. The interior walls and ceiling must be painted as a minimum. The floor finish must be sealed concrete.

2513.05.K.2 The outdoor storage building is for tools, equipment, and supplies that cannot or should not be stored in the main building such as gasoline-powered equipment and flammable liquids.

2513.05.K.3 Double metal doors or a roll-up garage door with a ramp leading up to it must be provided for ease of equipment transfer.

2513.05.K.4 Temporary or portable structures are not permitted.

2513.06 Electrical Rooms

2513.06.A Door & Hardware

Entry door must have a lockset and door closer.

2513.06.B Finish Options - Electrical Rooms

2513.06.B.1 **Canada | United States:** Floor: Concrete - steel troweled and sealed, porcelain tile
Mexico: Floor: Concrete - steel troweled and sealed

2513.06.B.1.a **Canada | United States:** Base (minimum): 4"/100 mm vinyl
Mexico: Base (minimum): 4"/100 mm vinyl, porcelain tile, ceramic tile

2513.06.B.2 Wall: Paint

2513.06.B.3 Ceiling: Paint, acoustic ceiling tile, painted structure.

2513.06.C Condensate-Producing Elements

Any condensate-producing equipment, pipes, ducting, or similar conditions must not be located directly above any electrical equipment. If condensate-producing elements cannot be relocated, provide a galvanized pan (securely mounted directly under) and water-tight connected condensate line(s) to catch and remove all potential overhead moisture to a safe location, away from electrical equipment.

2513.06.D Locked Electrical Panel Boxes & Circuits

Unless prohibited by local authorities, all electrical panels and circuits accessible to the public must be kept locked. Electrical panel boxes must be located in separate panel rooms when possible. All electrical panel boxes and circuits must be labeled and fitted with doors.

2513.06.E Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2513.06.F Electric Shock Treatment Notices

Electric shock treatment notices must be prominently displayed on all switch boards, panel boards, industrial control panels, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized, to warn qualified persons of potential electric arc flash hazards. The marking must be located so as to be clearly visible to qualified persons before examination, adjustment, servicing, or maintenance of the equipment. Notice must also be displayed on the entry door.

2513.07 Mechanical Rooms

2513.07.A Door Width

Mechanical rooms (not including small closets) must have a 3'-6"/1.0 m wide door or two 3'-0"/900 mm wide doors for equipment removal. Doors must have a lockset and door closer. Door stops, permanent or temporary, must not be installed.

2513.07.B Finish Options - Mechanical Rooms

2513.07.B.1 Floor: Concrete - steel troweled and sealed

2513.07.B.1.a **Canada | United States:** Base (minimum): 4"/100 mm vinyl
Mexico: Base (minimum): 4"/100 mm vinyl, porcelain tile, ceramic tile

2513.07.B.2 Wall: Paint

2513.07.B.3 Ceiling: Paint, acoustic ceiling tile, painted structure

2513.07.C Not Applicable to this Brand

2513.07.D Not Applicable to this Brand

2513.07.E Floor Drain

2513.07.E.1 Provide at least one brass floor drain or as necessary for equipment drains and overflows, arranged to minimize potential tripping hazards.

2513.07.E.2 Install suitable trap primer device complete with isolation valve and access for maintenance.

2513.07.F Not Applicable to this Brand

2513.07.G Wall Convenience Power Outlets

Provide a minimum of one convenience duplex outlet on each wall with spacing not to exceed 20’-0”/6.0 m on center.

2513.07.H Electrical Equipment Mounting Height

Any electrical equipment must be mounted 6”/150 mm above floor level to avoid contact with water from potential leaks.

2513.07.I Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2513.08 Computer/Telecom Room

2513.08.A Computer Room Equipment Requirements

Computer room must contain the main PBX, Internet, TV equipment and the hotel management system equipment.

2513.08.B Size Requirement

Canada | United States: For hotels with less than 300 guestrooms, a minimum 100 ft²/12 m² room is required. Hotels with more than 300 keys must increase the size to a minimum 170 ft²/16 m². For non-prototypical hotels, the building layout or use of IDF (Intermediate Distribution Frame) rooms containing remote cabinets may affect the size requirement.

Mexico: For hotels with less than 300 guestrooms, a minimum 130 ft²/12 m² room is required. Hotels with more than 300 keys must increase the size to a minimum 170 ft²/16 m². For non-prototypical hotels, the building layout or use of IDF (Intermediate Distribution Frame) rooms containing remote cabinets may affect the size requirement.

2513.08.C Central Location

Canada | United States: The room must be centrally located within the hotel.

Mexico: The room must be centrally located within the hotel. It may be located remote from the front desk but must only be accessible from back-of-house areas.

2513.08.D Thoroughfare Not Allowed

The room must not serve as a thoroughfare to any other room.

2513.08.E Heat/Electromagnetic/Fire/Flood Location Risk

The room must not be located adjacent to any area where there are potential risks for physical damage from excessive heat, electromagnetic fields, fire or flood.

2513.08.F Telecom Equipment Adjacency

For maximum efficiency, the computer equipment room must be within 100'-0"/30 m of the telecom equipment.

2513.08.G Not Applicable to this Brand

2513.08.H Watertight Ceiling

Floor immediately above the room must be watertight and any openings in the ceiling, walls or floor must be sealed.

2513.08.I Structural Columns/Pillars

There must be no structural columns, pillars or other protrusions within the room that prevent full access to walls for mounting of equipment.

2513.08.J Windows

Windows are not allowed.

2513.08.K Earthquake/Disaster Regulations

The room must meet local earthquake or disaster regulations.

2513.08.L Finish Options - Computer/Telecom Room

2513.08.L.1 **Canada | United States:** Floor: Electrostatic discharge (ESD) vinyl flooring
Mexico: Floor - Electrostatic discharge (ESD) material - tile, paint, carpet or VCT

2513.08.L.1.a Base (minimum): 4"/100 mm vinyl

2513.08.L.2 Wall: Paint (walls must be painted white)

2513.08.L.3 **Canada | United States:** Ceiling: Painted structure or painted gypsum board. Suspended, lay-in, acoustical tile grid systems are not allowed. Computer/telecom room must have a minimum ceiling height of 8'-6"/2.6 m.
Mexico: Ceiling: Painted structure. Suspended ceilings are not allowed. Computer/telecom room must have a minimum ceiling height of 8'-6"/2.6 m.

2513.08.M Not Applicable to this Brand

2513.08.N Mechanical / Plumbing

2513.08.N.1 An air conditioning / cooling system must be installed to service the computer room which complies with Section 2514.00 Environmental Control Requirements.

2513.08.N.2 Provide a complete computer room type air conditioning system and loaded such that all terminal units within the computer room are not suspended over IT/Telecom equipment, including any wet piping, appurtenances or condensate drainage. Preferred location of the equipment is outside the room with ducted air supply to/from the units. Air conditioning to be sized to provide adequate cooling for the design equipment density in the rack system plus 33 percent for future loads, and all other internal room loads. Equipment must be able to reject internal heat loads regardless of outdoor temperature.

2513.08.N.3 Not Applicable to this Brand

2513.08.N.4 Wet systems are not allowed to pass through the room.

2513.08.O Light Switch Location

Light switch for the room must be immediately adjacent to the entry door.

2513.08.P Light Levels

Refer to Section 2514.08 for minimum light level requirements.

2513.08.Q Power Outlets

A minimum of one dedicated quad outlet must be provided adjacent to the property management system rack. All outlets must be grounded.

2513.08.R Not Applicable to this Brand

2513.08.S Cabling

Cabling must run over equipment racks in approved cable trays. Refer to Section 2518.00.

2513.08.T PMS Equipment & Computer/Telecom Location

Property Management System equipment at workstations must be within 300'-0"/90 m of the computer/telecom Room.

2513.08.U Serial Cable Interface of Systems

Interface of systems (telephone/MATV/point of sale) with serial cable must be within 100’-0”/30 m of the Property Management System equipment in the computer/telecom room. Larger distances require fiber optics in lieu of Cat6 cable.

2513.08.V Equipment Racks

Equipment racks must be 42U (31"/800 mm x 39"/1000 mm) with suitable cable management. Racks are allowed to be open or enclosed models. Enclosed models must be lockable. Specific cabinets with different dimensions may be required by certain vendors.

2513.08.W PBX/HSIA Systems Racks

PBX and HSIA systems must be installed in proprietary racks or on standard data racks. They are not allowed to be freestanding.

2513.08.X Maneuvering Space

Sufficient maneuvering space must be provided in front and back of the equipment racks for access.

2513.08.Y Uninterrupted Power Supply

Uninterrupted power supply (UPS) is required for the computer systems.

2513.08.Y.1 The system must provide no less than one hour autonomy for the computer systems attached.

2513.08.Y.2 Not Applicable to this Brand

2513.08.Y.3 Not Applicable to this Brand

2513.08.Y.4 Not Applicable to this Brand

2513.08.Y.5 Not Applicable to this Brand

2513.08.Y.6 Not Applicable to this Brand

2513.08.Y.7 The UPS must provide adequate surge protection to connected systems.

2513.09 Trash Collection Area

2513.09.A Trash Chute Requirements

Trash chutes are not permitted.

2513.09.B Trash Collection Room Requirements

Canada | United States: Trash collection rooms must be approved by Hilton.

Mexico: Trash collection rooms are required.

2513.09.B.1 **Mexico:** Locate refuse room in back of house areas away from guest rooms, interior public areas and including exterior public areas (i.e., terrace and recreation areas).

2513.09.B.2 **Mexico:** Refuse room must be located on an exterior wall with secured access at the interior (via back of house corridors) and exterior as indicated on the prototype drawings.

2513.09.B.3 **Mexico:** Finish Requirements - Trash Collection Room

2513.09.B.3.a **Mexico:** Floor: Concrete (steel-troweled, triple epoxy sealed or better)

2513.09.B.3.b **Mexico:** Base (minimums): 4"/100 mm vinyl

2513.09.B.3.c **Mexico:** Wall: Epoxy paint

2513.09.B.3.d **Mexico:** Ceiling: Epoxy paint

2513.09.B.4 **Mexico:** Doors

2513.09.B.4.a Not Applicable to this Brand

2513.09.B.4.b **Mexico:** Provide two (2) 3'-0"/900 mm wide hollow metal exterior doors for equipment removal. Louvers must be provided at non-refrigerated trash collection rooms.

2513.09.B.4.c **Mexico:** Lockset, kickplate and door closer with hold-open feature are required.

2513.09.B.4.d **Mexico:** Provide the door seals, door bottoms and any other related door hardware at the interior door opening to prevent unpleasant odors from saturating the adjacent back of house areas.

2513.09.B.4.e **Mexico:** Provide fire-rating on door and frame as required by local jurisdiction.

2513.09.B.5 **Mexico:** Mechanical / Plumbing

2513.09.B.5.a Not Applicable to this Brand

2513.09.B.5.b **Mexico:** Provide at least one brass floor drain or as necessary for equipment drains and overflows, arranged to minimize potential tripping hazards.

2513.09.B.5.c **Mexico:** Install suitable trap primer device complete with isolation valve and access for maintenance.

2513.09.B.5.d **Mexico:** Provide hose bibb adjacent to the trash collection rooms.

2513.09.B.6 **Mexico:** Electrical

2513.09.B.6.a **Mexico:** Provide a duplex power outlet (socket outlet) in each trash collection room.

2513.09.B.6.b **Mexico:** Refer to Section 2514.08 for minimum light level requirements.

2513.09.C Trash Compactor/Container

2513.09.C.1 A trash container is required. A trash compactor is allowed.

2513.09.C.2 **Canada | Puerto Rico | United States:** Trash containers must be fully hidden from public view within an enclosure. The enclosure must be a concrete block structure, positioned away from the main building when possible, with an exterior finish to match that of the main building. The interior must have a high-performance coating as a minimum.
Mexico: Trash containers must be fully hidden from public view within an enclosure. The enclosure must be a concrete block structure, positioned away from the main building when possible, with an exterior finish to match that of the main building. The interior must be painted as a minimum.

2513.09.C.3 Not Applicable to this Brand

2513.09.C.4 Not Applicable to this Brand

2513.09.C.5 The trash compactor/container must have a 20’-0”/6 m minimum long concrete pad for support of the trash collection vehicle.

2513.09.C.6 Not Applicable to this Brand

2513.09.C.7 If the property participates in a recycling program, the trash enclosure must be enlarged to include the commercial recycling container.

2513.09.C.8 **Canada | United States:** Provide solid gates that close and secure the area.
Mexico: Provide solid gates that close and secure the area if applicable to an open-type dumpster layout.

2513.09.C.9 **Canada | United States:** Painted, concrete-filled, steel pipe bollards must be installed around the container to prevent damage to walls.
Mexico: Painted, concrete-filled, steel pipe bollards must be installed to prevent damage to walls.

2513.09.C.10 Not Applicable to this Brand

2513.09.C.11 Install the compactor/container on a concrete slab and pitch toward a separate sanitary drain (when permitted by the local jurisdiction).

2513.09.C.12 Locate a self-priming sanitary drain beneath the compactor/container. Position the drain near one end of the compactor/container area so that it is accessible when the compactor/container is in place.

2513.09.C.13 Not Applicable to this Brand

2513.09.C.14 Not Applicable to this Brand

2513.09.C.15 **Mexico:** Provide a hose bibb for wash down.

2513.10 Not Applicable to this Brand

2513.11 Not Applicable to this Brand

2513.12 Not Applicable to this Brand

2513.13 Security Dispatch Office
Mexico: Security Dispatch Office

2513.13.A Security Check Point Requirement

Mexico: A security check point must be provided based on market demand or local code and be adjacent to the team member entrance so that it is continuously monitored.

2513.13.B Not Applicable to this Brand

2513.13.C Not Applicable to this Brand

2513.13.D Vision Panels

Mexico: Provide glass vision panels to allow for visibility of team member entrance.

2513.13.E Door

Mexico: The entry door must have a glass vision panel and be self-closing and self-locking.

2513.13.F Not Applicable to this Brand

2513.13.G Finish Options - Security Check Point
Mexico: Finish Options - Security Check Point

2513.13.G.1 **Mexico:** Floor: Vinyl composite tile, polished concrete

2513.13.G.1.a **Mexico:** Base (minimum): 4"/100 mm vinyl

2513.13.G.2 **Mexico:** Wall: Paint

2513.13.G.3 **Mexico:** Ceiling: Acoustic ceiling tile, paint on gypsum, painted structure

2513.13.H Not Applicable to this Brand

2513.13.I Equipment

Provide the following equipment in a secure location: Alarm indicator panels (both fire life/safety and other internal alarms), surveillance camera solution monitors, surveillance camera solution recorder, and two-way radio base station and portable radio charging units.

2513.13.J Not Applicable to this Brand

2513.13.K Not Applicable to this Brand

2513.13.L Power Outlets

Mexico: Provide power outlet (socket outlet) for metal detector and small bag x-ray at team member entrance.

2514.00 Technical Criteria

2514.01 Doors and Windows

2514.01.A Public Area Door Height & Width

All public area doors must be a minimum of 6’-8”/2.0 m in height and be a minimum of 3’-0”/900 mm in width.

2514.01.B Entry/Bath/BOH Door Height & Width

Guestroom entry & connecting, guest bathroom and back-of-house doors (leaf) must be a minimum of 6’-8”/2.0 m in height and be a minimum of 3’-0”/900 mm in width.

Mexico: Guestroom entry & connecting, guest bathroom and back-of-house doors (leaf) must be a minimum of 6’-8”/2.0 m in height. All doors must be a minimum of 3’-0”/900 mm in width except guestroom bath doors are allowed to be 2'-4"/700 mm wide.

2514.01.C Exterior Doors to Public Areas

Canada | United States: Exterior doors to all public areas must be aluminum and glass.

Mexico: Exterior doors to all public areas must be glass or metal.

2514.01.D Exterior Door Weather Stripping

Exterior doors must have weather-stripping with the appropriate type of threshold.

2514.01.E Out-swinging Exterior Metal Doors

Out-swinging exterior metal doors must have closed tops.

2514.01.F Interior/Exterior Metal Door Requirements

When metal doors are used on the interior, they must be a minimum 18 gauge (.0478 inch/1.214 mm) cold-rolled steel.
When metal doors are used on the exterior, they must be a minimum 16 gauge (.0598 inch/1.519 mm) 'A-60' galvanized.
When wood doors are used on the interior, they must be solid core wood veneer suitable for painting or better.

2514.01.G Door Frame Requirements

Door frames must be welded or knockdown three-piece metal frame or knockdown with snap-on trim and must be properly secured and installed.

Welded door frames must be a minimum 16-gauge (.0598 inch/1.519 mm), cold-rolled steel welded frame.

Metal frames with snap-on trim must meet the following requirements:
• Fabricated from fire-rated, 18-gauge (.040 inch/1.024 mm), prefinished steel.
• Casing/snap-on trim must have a simple, rectangular profile.
• Decorative profiles such as "colonial" design are not permitted.
• Casing clips must be heat-treated spring clips or integrated retention clips.
• Corner-miter guard must be a mechanical connection between upright/vertical piece and header casing.
• 14-gauge (.064 inch/1.628 mm) hinge reinforcement plates
• Factory-finished, hot-dipped galvanized base with factory-applied finish paint.

2514.01.H Door View Panels

Canada | Puerto Rico | United States: In renovations only, provide view panels in doors of rooms including Fitness Center, Guest Laundry, Vending (if applicable), Swimming Pool, etc. unless side lights are provided.

2514.01.I Doorstops

Canada | United States: Provide wall-mounted doorstops for all doors. Floor-mounted door stops are not allowed.

Mexico: Provide doorstops for all doors.

2514.01.J Kick Plates

Canada | United States:
All Back-of-House doors subject to heavy traffic must have stainless-steel kick plates. The following public area doors must also have kick plates:
- Public Restrooms
- Meeting Rooms
- Guest Laundry
- Fitness Center
- Stairwell Doors

Kick plates are not allowed on any other public area doors or on guestroom or guest suite doors.

Mexico: All Back-of-House doors subject to heavy traffic must have stainless-steel kick plates. Kick plates are not allowed on public or guestroom area doors unless required otherwise in Sections 2501.00 through 2513.00.

2514.01.K Hinged Doors

Hinged doors must have lever hardware. For instances when panic hardware is required instead of lever hardware, refer to 2516.05.C.5.

2514.01.L Hinges

All doors must have a minimum of three commercial-grade hinges.

2514.01.M Doors & Door Hardware Style & Finish

All doors and hardware for doors to electrical and telephone closets, stairwells and other non-public spaces on guestroom floors must match, to the extent possible, the style and finish of the guestroom entry doors.

2514.01.N Not Applicable to this Brand

2514.01.O Electronic Locks

Electronic locksets are required in the following locations (deadbolt must be removed with the exception of the guestroom entry):

2514.01.O.1 Main entry door to the property (when required by 2502.01.F).

2514.01.O.2 Each guestroom entry

2514.01.O.3 Business Center guest entrance (if unmanned) (if applicable)

2514.01.O.4 Fitness Center

2514.01.O.5 Indoor and outdoor swimming pool entry and secondary entries (exception: entry from secure outdoor patio)

2514.01.O.6 Guest Laundry

2514.01.O.7 Meeting rooms

2514.01.O.8 Not Applicable to this Brand

2514.01.O.9 Computer/Telecom Room

2514.01.O.10 Not Applicable to this Brand

2514.01.O.11 Not Applicable to this Brand

2514.01.O.12 Not Applicable to this Brand

2514.01.O.13 Not Applicable to this Brand

2514.01.O.14 Secondary guest entrances to the public corridors

2514.01.O.15 Not Applicable to this Brand

2514.01.O.16 Electrical Rooms

The lock must be electronic.

2514.01.O.17 Luggage Room

2514.01.O.18 Cash Handling Areas

2514.01.O.19 Liquor Storage

The lock must be electronic.

2514.01.O.20 Lost & Found Storage
The lock must be electronic.

2514.01.O.21 Exterior Staff Entrances

2514.01.P Electronic Lock Vendors

Electronic locksets must be procured from Hilton-approved solutions and have the following minimum features:

2514.01.P.1 A mechanical override (hard key) is not allowed.

2514.01.P.2 An encoded card key/FOB must be used for operation.

2514.01.P.3 An audit/interrogation feature must be provided.

2514.01.P.4 The deadbolt must be engaged by a turn piece on the inside of the guestroom.

2514.01.P.5 The deadbolt and latch bolt must both retract when the inside lever is turned.

2514.01.P.6 The door lever on both sides must remain in horizontal position when not in operation, and inside guestroom lever handle must remain in the horizontal position when not in use.

2514.01.P.7 RFID/Radio frequency identification (contact-less) locks are required. Locks must also be Hilton BLE enabled (BLE chip installed) for integration with the Hilton ‘Straight to Room’ program.

2514.01.Q Electronic Card Reader Location Requirements

Electronic card readers with electronic lock interfaces must be used in the following locations:

2514.01.Q.1 Primary entry to the lobby, where a nighttime security-fixed post is not provided. You must also be able to manually lock the doors.

2514.01.Q.2 Each secondary guest entrance to the guest corridors at lobby level. You must also be able to manually lock the doors.

2514.01.R Restricted Area Locking Devices

Restricted areas of the hotel must have an access-control system incorporated into door-locking devices. Approved devices are card access systems, digital keypad systems or remotely-controlled electronic door latches. Areas that must be provided access-control devices include, but are not limited to:

2514.01.R.1 Entrance to front office area

2514.01.R.2 Back office areas accessible from public corridors

2514.01.R.3 Team member entrance, if not monitored

2514.01.R.4 **Canada | Puerto Rico | United States:** Connecting door when provided to the office area from the business center (renovations only).
Mexico: Connecting door when provided to the office area from the business center

2514.01.R.5 Back-of-house access from meeting rooms

2514.01.S Wall Covering Caulk

Caulking to match wall covering is required around all door frames.

2514.01.T Acoustic, Smoke Seals, Neoprene Silencers

Vinyl bulb weather-stripping must be provided on all exterior doors.

2514.01.U Rooftop Exit Locking Requirements

Canada | United States: All rooftop exits must be equipped with a panic bar or other releasing device, latching hardware and an alarm that is monitored in the security dispatch office or PBX. These doors must have a sign on the inside face indicating the door is alarmed and to be used in emergency situations only, if accessible to the public. Alternating tread devices and roof hatches must be located in a secured/lockable space not accessible to guests. If required in the stairwell per the AHJ, the alternating tread device and roof hatch must be secured/lockable to prevent access and provide fall protection.

Mexico: All rooftop exits must be equipped with a panic bar or other releasing device, latching hardware and an alarm that is monitored in the security dispatch office or PBX. These doors must have a sign on the inside face indicating the door is alarmed and to be used in emergency situations only, if accessible to the public.

2514.01.V Internal Windowsill Finishes

Canada | United States: Internal windowsills must be granite, quartz, natural stone or approved composite material. Wood, drywall, plastic laminate and metal are not allowed.

Mexico: Internal windowsills must be granite, quartz, natural stone or approved composite solid surface material. Wood, drywall, plastic laminate and metal are not allowed.

2514.01.W Window Material Requirements

Windows must be standard aluminum with dual glazing and a finish compatible with other window trim. Extruded polymer (uPVC) windows are an acceptable alternative when they have galvanized steel reinforcement (minimum 0.08”/2 mm thick) and minimum 0.106”/2.7 mm thick primary frame and sash extrusions (exterior), are commercial rated, and have a 10 year warranty against fading. All window frame colors must coordinate.

2514.01.X Exterior Window Insulation

Exterior windows must be insulated. Frames must be thermally broken in areas where ASHRAE design temperature is below 32 °F/0 °C or above 82.4 °F/28 °C.

2514.01.Y Safety Bar Requirement

Glass panels, windows, glass doors, sidelights, etc. that extend to the floor in all areas must be shatterproof, be tempered glass, or be equipped with a safety bar mounted at 3’-0”/900 mm above the finished floor.

2514.01.Z Window Air Infiltration

Windows must comply with a maximum air infiltration rate of 0.3 ft³ per square foot per minute or 5.5m3 per sqm per hour (7.1 kg/sqm per hour) at DP of 30Pa, and with no water leakage at 6.5 psf (300Pa) differential, a U-value of 0.4 and with an allowable wind load of 105 lbs per ft²/47 kg per m²/470 Pa.

2514.01.AA Architectural Films

Architectural films must meet the following requirements:

1. Class A ASTM E84 Fire Rating
2. Have pressure-sensitive adhesive (PSA) backing and this backing must have air release channels

3. Must be minimum 8 mil thickness Must be low VOC
4. Must feature 5,000 cycle or greater Taber Abrasion resistance
5. Must be able to conform and adhere to three-dimensional surfaces
6. Must be disposable in regular trash (non-hazardous)
7. Must be removable (may require use of heat)
8. Architectural films may be recovered with replacement architectural films not more than once.

2514.01.AB Public Area Operable Windows

Public area operable windows located above the ground floor are not allowed to open more than 4"/100 mm unless required otherwise by code. Once opened, the window must remain in the open position without having to be propped open.

2514.02 Walls

2514.02.A Vinyl Wall covering

2514.02.A.1 All vinyl wall covering must meet the following requirements:

2514.02.A.1.a Class A ASTM E84-12c tunnel test (www.astm.org).

2514.02.A.1.b Not Applicable to this Brand

2514.02.A.1.c All wall covering adhesives must be strippable and must contain mildew inhibitors.

2514.02.A.1.d 20 oz. per linear yard/ 460 g per square meter, Type II or heavier must be used in public areas and back-of-house areas.

2514.02.A.1.e 15 oz. per linear yard /350 g per square meter, Type I or heavier must be used in guestrooms.

2514.02.A.1.f 15 oz. per linear yard /350 g per square meter, Type I or heavier must be used in guestroom bathrooms.

2514.02.A.1.g 54"/1.3 m

2514.02.A.1.h Fabric backing is required. Non-woven wallcoverings of paper backed vinyl can be used within niches and protected areas with Hilton approval.

2514.02.A.1.i Not Applicable to this Brand

2514.02.A.1.j When microvented wallcovering is used it is required to meet ASTM E96-02, Method B. Minimum 21 ounce rated at 10 perms and approximately 25,000 holes per square foot is required. A sample is required for review and approval from Hilton prior to ordering.

2514.02.A.2 Hotel must not install wall vinyl over existing wall vinyl in any areas of the hotel. Old wall vinyl must be completely removed before new wall vinyl is installed.

2514.02.A.3 **Canada | United States:** Provide cornerguards in compliance with section 2514.02.G.3 when terminating vinyl wall covering at outside corners.

2514.02.B Acrylic Knockdown

Canada | United States: Acrylic Knockdown

2514.02.B.1 **Canada | United States:** Acrylic knockdown is permitted in guestrooms where noted on prototype drawings.

2514.02.B.2 **Canada | United States:** In areas with high humidity levels, 100 percent acrylic knockdown may be considered for exterior walls in public areas. Prior approval is required.

2514.02.B.3 **Canada | United States:** Proposed products must have the following information forwarded to Hilton for approval:

2514.02.B.3.a **Canada | United States:** Two samples (8”/200 mm x 8”/200 mm minimum) showing the specific color and texture of the knockdown finish must be submitted. If the product is approved, one sample must be retained and one must be returned and must be kept on file at the jobsite for reference.

2514.02.B.3.b **Canada | United States:** All submitted products must meet the following minimum performance characteristics and supportive documentation must be provided to verify conformance.

2514.02.B.3.b.1 **Canada | United States:** Perm rating of greater than 16 for the system, including basecoat, primers, texture coats, etc.

2514.02.B.3.b.2 **Canada | United States:** Scrub resistance of a minimum of 2500 scrubs before failure ASTM D2486-06 (www.astm.org).

2514.02.B.3.b.3 **Canada | United States:** Minimum dry film thickness of 10 mils or greater.

2514.02.B.3.b.4 **Canada | United States:** VOC levels of 1.0 lbs. per gallon/120 grams per liter or less ASTM-D3960-05 (www.astm.org).

2514.02.B.3.b.5 **Canada | United States:** Minimum of a five year product performance warranty and a five year warranty against mold and mildew growth. (The product must have been in commercial use for a time period that meets or exceeds the factory-stated warranty period.)

2514.02.B.3.b.6 **Canada | United States:** A two-coat system is required, consisting of one flat coat and one splatter coat knocked down to create a medium texture. A product listing a “sealer” as part of the system is not permitted.

2514.02.B.3.c **Canada | United States:** All submittals must be accompanied by Independent Laboratory Test Results to support manufacturer claims. Submitted Independent Lab Test Results must be on the testing lab letterhead. Test results on the manufacturer’s letterhead will not be accepted.

2514.02.B.3.d **Canada | United States:** Substitutions must all be submitted for review with sufficient time allowed for evaluation.

2514.02.B.3.e **Canada | United States:** No product will be considered acceptable until Hilton has reviewed the product's written specifications and inspected a sample installation on site.
Mexico: No product is to be considered approved until Hilton provides written approval during plan submittals and the installation approval until installed and reviewed and approved on site.

2514.02.B.4 **Canada | United States:** Wall finish using drywall mud or non-acrylic finishes with paint is not permitted in all instances.

2514.02.C Wall Tile

2514.02.C.1 Tile must be natural stone, ceramic or porcelain tile, minimum 1/4”/6 mm thick. Large format porcelain slabs 4'-0"/1.2M and over are allowed. Tiles must be dimensionally accurate, flat and straight edged. Tile must conform to ISO 13006 2018-09 Types BI, BIa, BIIa, BIIb, BIII and can be either calibrated pressed edge or rectified providing size tolerances of: ISO 10545-2 STRAIGHTNESS OF SIDES <0.15% / RECTANGULARITY DEVIATION <0.15% / CURVATURE SURFACE FLATNESS DEVIATION <0.15%.

2514.02.C.2 Tile grout must be non-shrink-type epoxy or latex Portland cement to minimize staining and the minimum grout joint must comply with ISO and ANSI guidelines. Non shrink epoxy must meet ANSI A118.3 minimum. 1/8"/3 mm is the maximum width allowed. Tile grout must be ISO 13007 Type R2/RG minimum polymer modified cement and be anti-microbial, water resistant, anti-mold and color fast-efflorescence free.

2514.02.C.3 Tile must not be installed over old wall tile in any areas of the property. Old tile must be completely removed before new tile is installed. Thin tile (1/4"/6mm thick) may be installed over existing tile in vertical wall applications only where critical room dimensions will not be impacted and must be approved by Hilton Design.

2514.02.C.4 Not Applicable to this Brand

2514.02.C.5 Must pass ASTM C373 for water absorption and ASTM C650 for chemical resistance or must comply with ISO 10545 -3 Determination of Water Absorption and ISO 10545-13 Chemical Resistance Class A cleaning chemicals / Class B acid bases.

2514.02.C.6 Must pass ASTM CTI 81-7D for stain resistance or must comply with ISO 10545-14 Stain Resistance Class 4 Minimum.

2514.02.C.7 Porcelain tile must be through-body color material or a glazed porcelain that meets Mohs scratch hardness minimum rating of 4.0 for wall applications and C648 breaking strength for ceramic wall tile 120 - 230 lbs. Porcelain tile must have a rectified or pressed edge.

2514.02.C.8 Tile must pass ISO 10545-11 Crazing Resistance.

2514.02.D Stone

2514.02.D.1 All natural stone must be sealed.

2514.02.E Paint

2514.02.E.1 All paints must be low VOC (less than 50 VOC grams per liter) and low odor.

2514.02.E.2 Paint in high humidity areas must be satin or semi-gloss finish with a mildew-resistant formulation.

2514.02.E.3 Paint used in high contact areas must be satin or eggshell finish that is durable, washable and stain resistant.

2514.02.E.4 Paint used on the interior walls of an indoor swimming pool room must be epoxy paint.

2514.02.F Venetian Plaster

Mexico: Venetian Plaster

2514.02.F.1 **Mexico:** When used, a proprietary blue venetian plaster must be used as referenced in the prototype drawings.

2514.02.G Corner Guards

Canada | United States: Corner Guards**Mexico:** Corner Guards

2514.02.G.1 **Mexico:**

When chair rails are used, they must have a decorative profile and be constructed of a material resistant to wear.

2514.02.G.2 Not Applicable to this Brand

2514.02.G.3 **Canada | United States:** Provide full height corner guards at outside corners in all high traffic areas. Corner guards must be a resilient vinyl to coordinate with the wall color and must be adhesive mount. The flanges must be a maximum width of 1”/25 mm.

2514.03 Floors

2514.03.A Slip Resistance Requirements

2514.03.A.1 **Canada | United States:** Tile flooring must have a Dynamic Coefficient of Friction DCOF (ANSI-A137.1) of .42 or better and a breaking strength (ASTM-C648-04, 2009; www.astm.org) of not less than 250 lbs/114 kgs or ISO equivalent.

Wood flooring must have a Dynamic Coefficient of Friction DCOF (ANSI-A137.1) of .42 or better.

LVT must pass ASTM D 2047 for slip resistance.
Mexico: Tile flooring must have a Dynamic Coefficient of Friction DCOF (ANSI-A137.1) of .42 or better and a breaking strength (ASTM-C648-04, 2009; www.astm.org) of not less than 250 lbs/114 kgs or ISO equivalent.
Wood flooring must have a Dynamic Coefficient of Friction DCOF (ANSI-A137.1) of .42 or better.
LVT/ERT must pass ASTM D 2047 for slip resistance.

2514.03.A.2 **Canada | United States:** All wet area tile must pass the Robert's wheel abrasion test or ISO equivalent and have a slip-resistance coefficient of at least 0.6 when wet, or regional statutory standard.
Mexico: Kitchen floor tile must pass the Robert's wheel abrasion test or ISO equivalent and have a slip-resistance coefficient of at least 0.6 when wet, or regional statutory standard.

2514.03.B Tile

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.B.1 Tile must be decorative non-slip or unpolished porcelain or natural stone tile. Natural stone tiles must be a minimum of 5/6"/8 mm. Large format porcelain slabs 4'-0"/ 1.2 m and over are allowed. 1/16"/1.6 mm grout joint preferred. Use of a self-leveling underlayment is recommended for flatness. See ANSI A108.10, A108.6 and/or A108.19.

2514.03.B.2 Public area floor tile must be 18”/450 mm x 18”/450 mm minimum. Rectangular-shaped or plank-shaped tiles are permitted. Small tile mosaics are permitted for accents when the design is approved by Hilton.

2514.03.B.3 Not Applicable to this Brand

2514.03.B.4 **Mexico:** Guestroom tile must be 12”/300 mm x 12”/300 mm minimum. Rectangular-shaped tiles or plank-shaped tiles are permitted.

2514.03.B.5 **Mexico:** Rectangular shaped tiles must be 12"/300 mm x 24"/600 mm minimum. Plank-shaped tiles must be sized no less than 3”/75 mm x 24”/600 mm or no greater than 9”/225 mm x 36”/900 mm.

2514.03.B.6 Tiled shower floors are only allowed in accessible roll-in showers. 2”/51 mm x 2”/51 mm tiles minimum.

2514.03.B.7 Not Applicable to this Brand

2514.03.B.8 Not Applicable to this Brand

2514.03.B.9 Tile must not be installed over old floor tile in any areas of the hotel. Old tile must be completely removed before new tile is installed. Thin tile (1/4"/ 6 mm thick) may be installed over existing tile in vertical wall applications only where critical room dimensions will not be impacted.

2514.03.B.10 Not Applicable to this Brand

2514.03.B.11 Wall base must have a factory finish edge or approved alternate.

2514.03.B.12 Porcelain tile must be through-body color material or a glazed porcelain that meets Mohs scratch hardness minimum rating of 7.0.

2514.03.B.13 Must pass ASTM C373 for water absorption, frost and chemical resistant.

2514.03.B.14 Must pass ASTM CTI 81-7D for stain resistance.

2514.03.C Wood Flooring

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.C.1 Not Applicable to this Brand

2514.03.C.2 Hardwood Flooring

2514.03.C.2.a Hardwood flooring must be solid wood or engineered planks with a top ply of hardwood that can be refinished.

2514.03.C.2.b All visible surfaces must be free from splits, insect attacks, sapwood, shakes, irregular edges, large or unsound knots, spongy or brittle heart, stains and any other defects.

2514.03.C.2.c Timber must be kiln dried first ‘classic’ quality and planed all around.

2514.03.C.2.d Pre-finished planks are allowed.

2514.03.C.2.e Not Applicable to this Brand

2514.03.C.2.f Minimum thickness of solid timber finish in public areas is ¾”/19 mm.

2514.03.C.2.g Multi-plank format or composite planks, e.g., printed surfaces or veneered finishes onto softwood or MDF backing structure, are not allowed.

2514.03.C.2.h Cork or approved metal expansion gaps/strips must be provided at maximum 16’-0” o.c./5 m centers to all timber floors in both directions.

2514.03.C.2.i Finished floor must be perfectly level, smooth and free of any visible defects, ripples, splits or gaps on completion.

2514.03.C.2.j Provide a sub-base in compliance with the flooring system, manufacturers, or specialty consultant’s recommendations. Wood must be laid on approved substrate.

2514.03.C.2.k Supporting slab must be sufficiently dry to accept the timber finish with a relative humidity of less than 75 percent when tested with a hygrometer.

2514.03.D Natural stone

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.D.1 Natural stone must have a Dynamic Coefficient of Friction DCOF (ANSI-A137.1) of .42 or better.

2514.03.D.2 Any natural porous materials must be sealed after installation with a penetrating non-glossy sealer.

2514.03.D.3 Natural stone must be rectilinear, gauged with a micro-bevel.

2514.03.E Grout

2514.03.E.1 Natural stone grout must be non-shrink-type epoxy or latex portland cement to minimize staining and the minimum grout joint should comply with ISO or ANSI guidelines. 1/8"/3 mm is the maximum width allowed. At plank-shaped tile, color of grout is to match color of tile.

2514.03.E.2 Cementitious grout must be sealed after installation.

2514.03.F Concrete

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.F.1 Concrete must be helicoptered, polished and sealed.

2514.03.F.2 Concrete strength must be a minimum of 4,000 PSI/27,850 kPa.

2514.03.F.3 Seal as recommended by manufacturer and sealer must be applied in three coats.

2514.03.F.4 Substrate must be dust free, free of cracks, level and sound concrete subfloor.

2514.03.F.5 Verify with manufacturer the appropriateness of substrate.

2514.03.F.6 Coefficient of friction must comply with all state and local codes for both wet and dry application.

2514.03.G Luxury Vinyl Tile (LVT) Flooring

Canada | United States: Luxury Vinyl Tile (LVT) Flooring

Mexico: * Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.All vinyl flooring must be DOP/DEHP free.

2514.03.G.1 Not Applicable to this Brand

2514.03.G.2 **Canada | United States:** Luxury Vinyl Tile (LVT) Flooring*

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

Mexico: Luxury Vinyl Tile Flooring

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.G.2.a **Canada | United States:** LVT must be DOP/DEHP, PVC or Red list chemical free. Must be a commercial-grade, rigid core, embossed finish to relate to the pattern of the tile flooring system. The product must be 4-sided, tongue-and-groove type system that holds the planks together to form a tight durable joint. When installed in areas above guestrooms, a pre-attached noise-reducing impact insulation underlayment (cork or IXPE foam backing) will be required. Non-attached noise reducing impact insulation underlayment systems are not allowed. Not allowed in wet areas. Resilient products must come with minimum 20-year Commercial Wear Warranty. Design selections must be approved by Hilton Design and meet the following minimum criteria:

1. Slip Resistance: See 2514.03.A Floors - Slip Resistance
2. Overall Thickness: Gauge 4.5mm minimum
3. Wear layer: 0.5 mm (20 mil) minimum
4. Static Load: ASTM F970 – Passes, modified at 250 psi
5. Resistance to Heat: ASTM 1514
6. Smoke Density: ASTM E662 (<450)
7. Resistance to Light: ASTM F 1515
8. Resistance to Chemical: ASTM F925
9. Radiant Flux: ASTM E648 (> 0.45 watts/cm2, NFPA Class 1)
10. Standard Classification: ASTM F 3261 (classification for multi layer LVT) or ASTM F 3009 (classification for non-vinyl resilient)

11. Impact Insulation Class (IIC): ASTM E-492-04 Minimum rating of 57 db, achieved by combination of LVT with pre-attached Sound Underlayment and an acoustic underlayment under the gypcrete in new construction.
12. For pre-approved solutions, refer to the prototype finish specifications at https://designinformation.hilton.com.
13. Sustainability: All products must be Floorscore certified and/or Greenguard Gold certified

Mexico: Must be a commercial grade, embossed vinyl tile flooring system. When installed in areas above guestrooms a noise-reducing impact insulation underlayment system will be required. Not allowed in wet areas. LVT products must come with minimum 10-year Commercial Wear Warranty, design selections must be approved by Hilton Design and meet the following minimum criteria:

1. Slip Resistance: ASTM D 2047 (>.65 wet/dry)
2. Flexibility: ASTM F 137
3. Resistance to Heat: ASTM 1514
4. Resistance to Light: ASTM F 1515
5. Resistance to Chemical: ASTM F925
6. Radiant Flux: ASTM E648 (> 0.45 watts/cm2, NFPA Class 1)
7. Smoke Density: ASTM E662 (<450)
8. Standard Classification: ASTM F 1700, Class 3
9. Impact Insulation Class (AIIC): ASTM E-492-04. Minimum rating of 51, achieved by combination of LVT and underlayment as field tested.
10. Sound Transmission Class (STC): ASTM 90-04. Minimum rating of 50, achieved by combination of LVT and underlayment.
11. Thickness: 4.5 mm minimum
12. Wear layer: 0.5 mm (20 mil) minimum
13. Vinyl free performance layer products are allowed with prior approval by Hilton. Product must meet European Utility Classification EN16511 Class 33, Abrasion Test and Residual Indention Test ASTM970.

2514.03.G.2.b **Mexico:**

Underlayment (LVT) System (areas above Guestrooms) with specification of 72IIC and 66STC

1. Must be a commercial grade, noise-reducing impact insulation underlayment system with minimum 10-year Commercial Warranty and meet the following criteria or as required by the local municipality:

a. Thickness: 1.4 mm minimum

b. Radiant Flux: ASTM E648 (> 0.45 watts/cm2, NFPA Class 1)

c. Smoke Density: ASTM E662 (< 450)

2514.03.G.2.c **Canada | United States:** Secondary Underlayment System - An acoustic underlayment under the gypcrete is required for new construction.

2514.03.G.2.c.1 **Canada | United States:**

Must be a commercial-grade, noise-reducing impact insulation underlayment system with minimum 20-year Commercial Warranty and meet the following criteria or as required by the local municipality:

1. Thickness: 2.0 mm maximum
2. Resistance to Heat: ASTM 1514
3. Smoke Density: ASTM E662 (<450)
4. Radiant Flux: ASTM E648 (> 0.45 watts/cm2, NFPA Class 1)
5. Impact Insulation Class (IIC): ASTM E-492-04. Minimum rating of 57 db, achieved by combination of ERT with pre-attached Sound Underlayment noted in 2514.03.G in conjunction with the secondary underlayment and structural flooring system.

Combinations of secondary underlayment with non-compliant ERT will not be acceptable.

2514.03.G.3 Vinyl Base - Back of House

2514.03.G.3.a Product must be thermoplastic vinyl of a homogenous color.

2514.03.G.3.b Thickness must be 1/8" / 3.2 mm minimum with a cove or straight profile, or better.

2514.03.G.3.c Length of product must be 8'-0"/2.4 m minimum.

2514.03.G.3.d Not Applicable to this Brand

2514.03.G.3.e Product must meet the following criteria or as required by the local municipality:
1. Radiant Flux: ASTM E 648 / NFPA 253 (>0.45 watts/cm2, NFPA Class 1)
2. Flame/Smoke: ASTM E 84 / NFPA 255 (<450)

2514.03.G.4 Rubber Profiled Base - Public Areas and Guestrooms*
*Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.G.4.a Product must be thermoplastic rubber or thermoset rubber of a homogenous color.

2514.03.G.4.b Thickness must be 1/4" / 6 mm minimum and have a wood milled profile.

2514.03.G.4.c Length of product must be 8'-0"/2.4 m minimum.

2514.03.G.4.d Product must meet performance requirements for ASTM F 1861.

2514.03.G.4.e

Product must meet the following criteria or as required by the local municipality:

1. Radiant Flux: ASTM E 648 / NFPA 253 (>0.45 watts/cm2, NFPA Class 1)

2. Flame/Smoke: ASTM E 84 / NFPA 255 (<450)

2514.03.H Carpet

2514.03.H.1 Carpet must meet the following criteria:

2514.03.H.1.a **Canada | United States:**

Radiant panel: ASTM E-648-10 Class 1 (installed carpet only)

Area rugs must meet DOC FF 1-70.

Mexico: Fire level required: Bfl s1 to Cfl s1 level dependent upon carpet type.

2514.03.H.1.b **Canada | United States:** Smoke density: ASTM E-662-09

2514.03.H.1.c **Canada | United States:** Lightfastness: AATCC 16-E
Mexico: Light fastness: ISO 105-B02, Minimum 5 is required.

2514.03.H.1.d **Canada | United States:** Color fastness to water: AATCC 107
Mexico: Color fastness to water: ISO 105-E01, Minimum 4 is required.

2514.03.H.1.e **Canada | United States:** Color fastness to rubbing: AATCC 165
Mexico: Color fastness to rubbing: BS EN ISO 105-X24

2514.03.H.1.f **Canada | United States:** Wear resistance: ASTM D5252
Mexico: Wear resistance: BS EN 1963 or ISO 4931

2514.03.H.1.g **Canada | United States:** Appearance retention: ASTM D5252
Mexico: Appearance retention: BS 6659 results required or higher: 8 row Grade 3 9 row Grade 3 10 row Grade 3 - 3.5

2514.03.H.1.h **Canada | United States:** Tuft anchorage: ASTM D1335
Mexico: Tuft anchorage: ISO 4919 9-10, newtons required or higher.

2514.03.H.1.i Flammability

2514.03.H.1.i.1 **Mexico:** Methenamine Pill Test: BS 6307 or ISO 6925/CPSC FF-1-76

2514.03.H.1.i.2 **Canada | United States:** Radiant Panel Test: ASTM E-648
Mexico: Radiant Panel Test: EN 9245

2514.03.H.1.j Not Applicable to this Brand

2514.03.H.1.k Not Applicable to this Brand

2514.03.H.1.l Not Applicable to this Brand

2514.03.H.1.m **Canada | United States:** Static electricity/Stroll test: AATCC 134 < 3.5 KV
Mexico: Static electricity/Stroll test: ISO 6356, 2.5kV or less at 35 percent RH is required.

2514.03.H.1.n All carpet must pass TARR (Texture Appearance Retention Rating) of 2.5 – 3.0 or higher (Hexapod Test).

2514.03.H.1.o All nylon carpet must be stain treated with foam and heat set method.

2514.03.H.1.p International test certificates are required.

2514.03.H.2 Carpet must comply with the following minimum specifications:

2514.03.H.2.a

BROADLOOM CUT PILE: Guestrooms and Public Areas *

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.H.2.a.1 Construction: Tufted

2514.03.H.2.a.2 Machine Gauge: 1/10 Guestrooms and Public Areas

2514.03.H.2.a.3 Not Applicable to this Brand

2514.03.H.2.a.4 Finished Pile Height: .218” (7/32”) or greater for 32 oz. and .250” (1/4”) or greater for 36 oz.

2514.03.H.2.a.5 Face Yarn: 100 percent Solution Dyed Type 6 Nylon Branded, 100 percent Solution Dyed regenerated nylon, wool/nylon blend (80/20) or equivalent, 100% wool

2514.03.H.2.a.6 Not Applicable to this Brand

2514.03.H.2.a.7 Not Applicable to this Brand

2514.03.H.2.a.8 Secondary Backing: Woven polypropylene or attached cushion.

2514.03.H.2.a.9 Face Weight: 36 oz./yd.²/ 1,220g/m² for Public Areas; 32 oz./yd.² / 1,085g/m² for Guestrooms.

2514.03.H.2.b

BROADLOOM PRINTED CUT PILE: Public Areas *

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.H.2.b.1 Construction: Tufted

2514.03.H.2.b.2 Machine gauge: 1/10

2514.03.H.2.b.3 Not Applicable to this Brand

2514.03.H.2.b.4 Finished Pile Height: .250” (1/4”) or greater for 32 oz. and 36 oz.

2514.03.H.2.b.5 Face Yarn: 100 percent Type 6 Nylon Branded, 100 percent regenerated nylon, wool/nylon blend (80/20) or equivalent, 100% wool

2514.03.H.2.b.6 Not Applicable to this Brand

2514.03.H.2.b.7 Not Applicable to this Brand

2514.03.H.2.b.8 Secondary Backing: Woven polypropylene or attached cushion.

2514.03.H.2.b.9 Face Weight: 36 oz./yd.²/ 1,220 g/m² for Public Areas

2514.03.H.2.c
BROADLOOM CUT AND LOOP/TIP-SHEAR LOOP: Guestrooms and Public Areas *

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.H.2.c.1 Construction: Tufted

2514.03.H.2.c.2 Machine Gauge: 1/10

2514.03.H.2.c.3 Not Applicable to this Brand

2514.03.H.2.c.4 Tufted pile height: High 7/32; low 3/16

2514.03.H.2.c.5 Face Yarn: 100 percent Solution Dyed Type 6 Nylon Branded, 100 percent Solution Dyed regenerated nylon, wool/nylon blend (80/20) or equivalent, 100% wool

2514.03.H.2.c.6 Not Applicable to this Brand

2514.03.H.2.c.7 Secondary Backing: Woven polypropylene/Attached cushion in public areas only.

2514.03.H.2.c.8 Face Weight: 36 oz./yd.²/ 1,220 g/m² for Public Areas; 32 oz./yd.² / 1,085 g/m² for Guestrooms

2514.03.H.2.d
BROADLOOM PRINTED CUT AND LOOP/TIP-SHEAR LOOP: Public Areas *

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.H.2.d.1 Construction: Tufted

2514.03.H.2.d.2 Machine Gauge: 1/10 - Public Areas

2514.03.H.2.d.3 Not Applicable to this Brand

2514.03.H.2.d.4 Finished pile height: High 1/4; low 1/8

2514.03.H.2.d.5 Not Applicable to this Brand

2514.03.H.2.d.6 Not Applicable to this Brand

2514.03.H.2.d.7 Not Applicable to this Brand

2514.03.H.2.d.8 Secondary Backing: Woven polypropylene or attached cushion.

2514.03.H.2.d.9 Face Weight: 36 oz./yd.²/ 1,220 g/m² for Public Areas

2514.03.H.2.e
MULTI LEVEL LOOP TIP: Guestrooms *

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.H.2.e.1 Construction: Loop

2514.03.H.2.e.2 Machine Gauge: 1/8 / 31.5/10cm

2514.03.H.2.e.3 Not Applicable to this Brand

2514.03.H.2.e.4 Tufted Pile Height: max 3/16, min 1/8

2514.03.H.2.e.5 Face Yarn: 100 percent Solution Dyed Type 6 Nylon Branded, 100 percent Solution Dyed regenerated nylon, wool/nylon blend (80/20) or equivalent, 100% wool

2514.03.H.2.e.6 Not Applicable to this Brand

2514.03.H.2.e.7 Secondary Backing: Woven polypropylene or attached cushion.

2514.03.H.2.e.8 Face Weight: 32 oz./yd.² / 1,085 g/m²

2514.03.H.2.f High Definition CYP (computer yarn placement) 42: Public Areas, Guestrooms, Corridors*

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.H.2.f.1 Construction: Tufted

2514.03.H.2.f.2 Machine Gauge: Variable

2514.03.H.2.f.3 Not Applicable to this Brand

2514.03.H.2.f.4

Finished Pile Thickness: .363"

Tufted Loop Height: (0.218" - 0.355")

Tufted Cut Height: (0.375") +/- 0.025"

2514.03.H.2.f.5 Face Yarn: 100 percent Solution Dyed Type 6 Nylon Branded, 100 percent Solution Dyed regenerated nylon, wool/nylon blend (80/20) or equivalent, 100% wool

2514.03.H.2.f.6 Not Applicable to this Brand

2514.03.H.2.f.7 Secondary Backing: Woven polypropylene or attached cushion.

2514.03.H.2.f.8 Face Weight: 42 oz./yd.²/ 1,424 g/m²

2514.03.H.2.f.9 Density: 4,165

2514.03.H.2.f.10 Weight Density: 174,942

2514.03.H.2.g BROADLOOM CYP (computer yarn placement) with 4 to 6 color capacity: Public Areas *
* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.H.2.g.1 Construction: Tufted

2514.03.H.2.g.2 Machine Gauge: 1/10 for 36 oz., 1/11 for 42 oz.

2514.03.H.2.g.3 Not Applicable to this Brand

2514.03.H.2.g.4 Finished Pile Height: 7/32

2514.03.H.2.g.5 Face Yarn: 100 percent Solution Dyed Type 6 Nylon Branded, 100 percent Solution Dyed regenerated nylon, wool/nylon blend (80/20) or equivalent

2514.03.H.2.g.6 Not Applicable to this Brand

2514.03.H.2.g.7 Secondary Backing: Woven polypropylene or attached cushion.

2514.03.H.2.g.8 Face Weight: 36 oz./yd.²/ 1,220 g/m²

2514.03.H.2.h
CARPET TILE – Public Areas & Guestrooms*

* Allowed only where noted under 'Finish Options' of a particular area of the hotel under sections 2502.00-2513.00.

2514.03.H.2.h.1 Not Applicable to this Brand

2514.03.H.2.h.2 Not Applicable to this Brand

2514.03.H.2.h.3 Machine Gauge: 1/10” minimum, 5/64” minimum

2514.03.H.2.h.4 Not Applicable to this Brand

2514.03.H.2.h.5 Finished Pile Height: 0.123 minimum

2514.03.H.2.h.6 Not Applicable to this Brand

2514.03.H.2.h.7 Face Yarn: 100 percent solution-dyed nylon, 100 percent regenerated nylon, 80 percent wool, 20 percent nylon or equivalent, 100% wool

2514.03.H.2.h.8 Not Applicable to this Brand

2514.03.H.2.h.9 Secondary Backing:
Option 1: Polyurethane Cushion.
Option 2: Fiberglass reinforced thermoplastic composite with polyethylene underlayment cushion, 5.3 lbs./2.4 kg density, 2 mm thickness. Installation method is glueless.
Option 3: CQuest recyclable backing

2514.03.H.2.h.10 Tufted Yarn Weight: 14 oz./yd.² to 40 oz./yd.²

2514.03.H.2.h.11 Not Applicable to this Brand

2514.03.H.2.h.12 Pile Density: 4,919 oz. per cubic yard minimum (face weight x 36 divided by thickness)

2514.03.H.3 Tufted Broadloom Carpet (TBC)

2514.03.H.3.a Not Applicable to this Brand

2514.03.H.3.b Not Applicable to this Brand

2514.03.H.3.c Not Applicable to this Brand

2514.03.H.3.d All carpet must be warrantied for wear at 10 percent fiber loss over 10 years.

2514.03.H.3.e Tufted carpet must have a primary and secondary backing (synthetic/polypropylene).

2514.03.H.4 Not Applicable to this Brand

2514.03.H.5 Carpet Pad (Underlay)

2514.03.H.5.a

Guestrooms and Suites:
Synthetic fiber pad must be minimum 32 oz. weight, 8.0 lb./ft³ density and 5/16" / 7.9 mm thickness. 100 percent SBR rubber cushion must be a textured flat construction with minimum 64 oz. weight and 21 lb./ft³ density. Froth polyurethane cushion must be minimum 1/4" / 6 mm thickness and 10 lb./ft³ density.
Public Areas:
100 percent SBR rubber must be a flat construction with minimum 1/4" / 6 mm thickness and 22 lb./ft³ density. Froth polyurethane cushion must be minimum 1/5" / 5 mm thickness and 12 lb./ft³ density.

Polyurethane (post-consumer synthetic fiber) double stick cushion must be minimum 3/8” thickness, 40 oz. wt. and 8.9 lbs. density. When installing double stick goods, a premium multi-purpose adhesive must be used. A premium seam sealer must be used on all seams. A premium edge sealer must be used on all edges that abut a hard surface.

2514.03.H.5.b Attached cushion must be frothed polyurethane with minimum 3/32" / 2.38 mm thickness and 18 lbs./ft³ density. All attached cushion must be factory applied. When installing goods with attached cushion, a premium multi-purpose adhesive must be used. A premium seam sealer must be used on all seams. A premium edge sealer must be used on all edges that abut a hard surface.

Attached Pad Synthetic Fiber (PET) 50% post-consumer recycle content, must not contain plasticizers, Minimum .165” and 8 lbs./ft³ density. All attached cushion must be factory applied. When installing goods with attached cushion, a premium multi-purpose adhesive must be used. A premium seam sealer must be used on all seams. A premium edge sealer must be used on all edges that abut a hard surface.

2514.03.H.5.c All carpet pad must be Class II for guestrooms and suites and Class III for public areas, with a manufacturer's level of contract/commercial grade.

2514.03.H.5.d Carpet padding must be replaced at the same time as the carpet.

2514.03.H.6 Broadloom Installation

2514.03.H.6.a All carpet installed over padding must be power stretched except in double glue-down installations.

2514.03.H.6.b Direct glue down installation is allowed in office areas only. Jute backing is not allowed.

2514.03.H.6.c Not Applicable to this Brand

2514.03.H.6.d Maximum of one seam allowed in each guestroom.

2514.03.H.6.e Not Applicable to this Brand

2514.03.H.6.f Meeting space, public space and corridor carpet must be glued down as high traffic and equipment may adversely affect normal wear. Must be installed according to manufacturer's instructions.

2514.03.H.7 Carpet Tile Installation

2514.03.H.7.a Comply with manufacturer’s instructions and recommendations. Use manufacturer’s recommended adhesives.

2514.03.H.8 Not Applicable to this Brand

2514.03.H.9 Area Rug Specifications

2514.03.H.9.a **Canada | United States:** Tufted Rug Specification
Construction: Machine Tufted
Content: 100% Nylon
Dye Method: Solution Dyed
Weight: Min 36oz
Backing:
Primary: Polypropylene
Secondary: Classicbac, Performance Backing, Non-Skid, Separate Pad
Pile Height: Min 0.25”
Gauge: Min 1/10G
Stitches / Inch: Min 10 per inch
Binding: ½” Nylon Tape, Serge
Radiant Panel: Class I
Mexico:

Area Rugs
Quality: 4.5 pound
Yarn Content: 100% New Zealand Wool, 80/20 wool/nylon blend or 100% nylon. For 100% wool, both woolen spun and semi-worsted yarns can be used.
Face weight: 72 oz/y² (2,440 gms/m²)
Gross Yarn Weight: 107 oz y²/3,620 m²
Pile Height: 9 mm
No of rows/10 cm: 19
No of stitches/10 cm: 21

No of ends/insertion: 4
Edging: Hand serged, tape bound, folded edge with back tape binding or beveled no higher than ¼"/6 mm.
Primary backing : Basket Weave
Secondary backing: Leno Weave
A non-skid pad or backing is required.

2514.03.H.9.b **Canada | United States:** Wool / Axminster Rug Specification
Construction: Machine Woven, Hand Tufted
Content: 100% Yarn Dyed, 80/20
Dye Method: 100% Yarn Dyed
Weight: Min 8 Row
Row: Min 8
Pitch: Min 7
Backing:
Primary: Synthetic
Secondary: SBR latex, Non-Skid, Separate Pad
Pile Height: Min 0.275”
Binding: ½” Nylon Tape, Serge
Radiant panel: Class I
Mexico: Area Rugs
Quality: 5.5 pound
Yarn Content: 100% New Zealand Wool, 80/20 wool/nylon blend or 100% nylon. For 100% wool, both woolen spun and semi-worsted yarns can be used.
Face weight: 88 oz/y² (2,980 gms/m²)
Gross Yarn Weight: 122 oz y²/4,100 m²
Pile Height: 11 mm
No of stitches/10 cm: 23
No of rows/10 cm: 20
No of ends/insertion: 4
Edging: Hand serged, tape bound, folded edge with back tape binding or beveled no higher than ¼"/6 mm.
Primary backing : Basket Weave
Secondary backing: Leno Weave
A non-skid pad or backing is required.

2514.04 Ceilings

2514.04.A Height

No ceiling in a habitable public space is allowed to be less than 7’-6”/2.3 m. In no case must any ceiling be less than 7’-0”/2.1 m. Local codes may require higher ceilings than noted.

2514.04.B Paint

2514.04.B.1 Painted ceilings in public areas must have a smooth finish.

2514.04.B.2 Guestroom furr downs must have a smooth painted finish.

2514.04.B.3 Guestroom bathroom ceilings must have smooth painted finish.

2514.04.B.4 All back-of-house ceilings must be painted or better.

2514.04.B.5 All paints must be low VOC (less than 50 VOC grams per liter) and low odor.

2514.04.B.6 Paint in high humidity areas such as guestroom bathrooms must be washable and have a mildew resistant finish.

2514.04.C Acoustic Ceiling Tile (ACT)

2514.04.C.1 **Canada | United States:** Tile in public areas must be 2'-0"/600 mm x 2'-0"/600 mm premium, tegular (reveal) edge tiles with a fine to medium texture. Alternate sizes must be approved by Hilton.
Mexico: Tile in public areas must be 2'-0"/600 mm x 2'-0"/600 mm premium tegular (reveal) edge tiles. Alternate sizes must be approved by Hilton.

2514.04.C.2 12”/300 mm x 12”/300 mm and 24”/600 mm x 48”/1.2 m tiles are not allowed in any public spaces.

2514.04.C.3 Not Applicable to this Brand

2514.04.C.4 Concealed spine acoustical tile ceilings are not allowed in public areas.

2514.04.C.5 Tiles in back-of-house areas that are accessible by the public such as offices must be 2’-0”/600 mm x 2’-0”/600 mm.

2514.04.C.6 Panel performance must prevent panel sag.

2514.04.C.7 All exposed ceiling grid systems must be a narrow spline, 9/16”/15 mm maximum width, and must match the color of the ceiling tile.

2514.04.C.8 Grid systems in indoor pools must include a painted aluminum grid and vinyl coated, moisture-resistant tiles. All hanger wires must be stainless steel.

2514.04.C.9 Mineral fiber tiles are not allowed in humid environments.

2514.04.C.10 Not Applicable to this Brand

2514.04.C.11 Acoustic ceiling tile is not allowed in guestrooms.

2514.04.C.12 Kitchen ceilings must be washable plastic or fiberglass tile ceiling with aluminum suspension system.

2514.05 Acoustical Performance

2514.05.A Acoustical Performance Minimum Criteria

The following minimum criteria must be used for the acoustical performance of the building design. Acoustic performance must be measured using ISO 140, ISO 717 and ISO 3382,www.iso.org. An acoustical consultant is recommended.

Acoustical Performance Minimum Criteria

STC = Sound Transmission Coefficient / IIC = Impact Insulation Class	
Function / Meeting Rooms	
Function or meeting rooms	54 STC
Meeting room – operable partitions	52 STC
Meeting room – baffles above ceiling / partitions	54 STC
Boardroom	54 STC
Service room adjacent to meeting room	52 STC
Guestroom	
Guestroom to exterior	50 STC
Guestroom to Guestroom	50 STC
Guestroom to swimming pool or fitness center	60 STC
Guestroom from public space	50 STC
Guestroom to back of house	60 STC
Guestroom floor / ceiling	50 STC
Guestroom to elevator lobby	60 STC
Back of House	
Corridor to mechanical, laundry, service rooms	50 STC
Floor Impact	
Guestroom to Guestroom	55 IIC
Guestroom sleeping area to mechanical room	55 IIC

2514.05.B Not Applicable to this Brand

2514.05.C Acoustically Treated Ceiling Assemblies

Ceiling assemblies must be acoustically treated to limit sound transference where the pool is located directly below guestrooms.

2514.05.D Pool Equipment Noise & Aesthetics

Locate pool equipment to minimize noise to adjacent guest areas.

2514.05.E Not Applicable to this Brand

2514.05.F External Noise Intrusion

2514.05.F.1 **Canada | United States:** External building fabric, including any ventilators, must be designed and built to ensure that the following internal noise levels are not exceeded due to any regularly occurring external noise source. Guestroom PTAC through-wall units may not be used in properties that are in close proximity to interstate highways, railways, airport runways or other source of noise disturbance without the approval of Hilton at the time of Franchise application.

Mexico: External building fabric, including any ventilators, must be designed and built to ensure that the following internal noise levels are not exceeded due to any regularly occurring external noise source.

2514.05.F.2 Measurements of noise within the hotel must be taken during the noisiest two hour period of the day, as identified in the noise survey.

Room	External Intrusion Noise Level
Guestroom Daytime (07:00 – 23:00): Night-time (23:00 – 07:00):	40dB $L_{Aeq,16h}$ 35dB $L_{Aeq,8h}$ / 45dB $L_{Amax(fast)}$*
Meeting/function rooms	35dB $L_{Aeq,5min}$
Bar/restaurant/breakout	43dB $L_{Aeq,5min}$
Lobby/reception/guest corridors	47dB $L_{Aeq,5min}$
Toilets/Team member changing	45dB $L_{Aeq,5min}$
Fitness center	40dB $L_{Aeq,5min}$
Offices	38dB $L_{Aeq,5min}$
* For hotels on or close to major international airports, maximum noise levels due to aircraft may be relaxed to 50dB $L_{Amax(fast)}$ subject to permission from Hilton.	

2514.06 Mechanical

2514.06.A HVAC System Types

2514.06.A.1 **Canada | United States:**

HVAC System requires mechanically controlling indoor air quality (temperature, humidity, purity and circulation) to obtain comfort levels in the desired areas of building in a cost effective manner. Refer to the Environmental Conditions Matrix below:

Guest Areas – Lobby	Internal Conditions[1]		Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer	Winter	Type	Differential	Fresh Air Supply	Exhaust Rate	

	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM	NR
Vestibule, Atrium, Lobby	73 (23)	55	72 (22)	30	Pos	0.02 (5)	0.30 (1.4)	--	40
Front Desk, Concierge, Luggage Room, Bellman's Desk, Valet Desk	73 (23)	55	72 (22)	30	Neut	--	0.30 (1.4)	--	40
Public Restrooms	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.06 (0.3)	50 (23.5)[5]	40
Elevator	70	55	70	--	Neut	--	--	--	--
All Guestroom Corridors	73 (23/)	55	72 (22)	30	Pos	0.02 (5)	0.06 (0.3)	--	40
Exit Stairs	N/C	N/C	N/C	--	Neut	--	--	--	--
Food & Beverage	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
All Food & Beverage Outlets	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.70 (3.4)	--	35
Food Prep/Kitchen	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	0.7 (3.5)	35
Food and Beverage Storage	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.12 (0.6)	--	40
Commercial Facilities	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
Sundries/Gift Shop	73 (23)	55	72 (22)	--	Neut	--	0.24 (1.2)	--	40
Vending Area	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)		40
Executive Lounge	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.25 (1.3)	--	35
Guest Laundry	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.17 (0.9)		40
Meeting Facilities	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating

	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
Ballrooms, Meeting Rooms, Boardrooms	73 (23)	55	72 (22)	30	Neut	--	0.72 (3.4)	--	30
Pre-function Areas	73 (23)	55	72 (22)	30	Pos	0.02 (5)	0.72 (3.4)	--	40
Business Center, Meeting Registration Desk	73 (23)	55	72 (22)	30	Neut	--	0.08 (0.4)	--	35
Coat Room	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.08 (0.4)	--	35
Meeting/Ballroom Storage	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.08 (0.4)	--	35
Satellite Pantry	73 (23)	55	72 (22)	--	Neg	0.02 (5)	0.08 (0.4)	--	35
Ballroom Service Corridor	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	--	40
Recreational Areas	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
Pool/Whirlpool	82 (28)	60	82 (28)	60	Neg	0.02 (5)	0.48 (2.4)	0.5 (2.5)	40
Guest Locker Room/Toilets	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	0.25 (1.25)	40
Fitness Center	72 (22)	55	69 (20)	--	Neut	--	0.26 (1.25)	0.26 (1.25)	40
Spa[4]	--	--	--	--	Neut	--	--	--	--
Guestrooms/Suites Bathrooms	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
All Guestrooms & Suites	73 (23)	55	72 (22)	30	Pos	0.02 (5)	0.11 (0.6)	--	25
Guest Bathroom/Dressing Area	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.06 (0.3)	--	35

Back of House Areas	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
All Offices & Human Resources	73 (23)	55	72 (22)	30	Neut	--	0.09 (0.4)	--	35
Employee Dining/Break Room	73 (23)	55	72 (22)	--	Neg	0.02 (5)	0.25 (1.3)	--	40
Employee Locker Rooms/Toilets	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	0.5 (2.5)	45
On-site and Off-site Housing	73 (23)	55	72 (22)	--	Neut	--	0.11 (0.6)	--	30
Service Pantry	73 (23)	55	72 (22)	--	Neg	0.02 (5)	0.06 (0.3)	--	40
Laundry	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.17 (0.9)	--	40
Housekeeping	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.12 (0.6)	--	40
Engineering/Maintenance Shop	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.12 (0.6)	--	45
Storage Rooms	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.12 (0.6)	--	40
Receiving Area	N/C	N/C	N/C	--	Neg	0.02 (5)	--	--	45
Receiving Office	73 (23)	55	72 (22)	--	Pos	--	0.09 (0.4)	--	35
Security Dispatch Office	73 (23)	55	72 (22)	--	Neut	--	0.09 (0.4)	--	35
Service Corridor	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	--	40
Mechanical Rooms	N/C	N/C	N/C	--	Neut	--	--	0.15 (0.7)	45
Electrical Rooms	N/C	N/C	N/C	--	Neut	--	--	--	45
Telecom Closets	80 (27)	55	68 (20)	--	Neut	--	--	--	45
Computer/Telecom Room	72 (22)	50	72 (22)	30	Neut	--	0.08 (0.4)	--	40
Trash Compactor/Container	N/C	N/C	N/C	--	Neg	0.02 (5)	--	1.0 (5.0)	45
Refrigerated Trash Room	50 (10)	60	50 (10)	--	Neg	0.02 (5)	--	1.0 (5.0)	45
Recycle Storage Room	N/C	N/C	N/C	--	Neg	0.02 (5)	--	1.0 (5.0)	45
Can Wash	N/C	N/C	N/C	--	Neg	0.02 (5)	--	1.0 (5.0)	45

1) Internal environmental conditions are +/- 2 F (1 C), and +/- 5% RH.

2) Pressure relationships identified are with respect to adjacent areas. For buildings located in warm, humid climates, overall building pressure must be positive with respect to outdoors to at least 5 pascals. For cold climates, overall building pressure

must be neutral with respect to outdoors with adequate consideration for vapor transmission through the envelope to prevent moisture damage. For mixed climates (warm humid summer and cold winters), overall building pressures must be slightly positive in summer season and neutral in winter season, with respect to outdoors.
3) Ventilation rates are based upon the latest ASHRAE Standard 62.1 using default occupancy values, and have other indoor air quality requirements that are included in the standard. Actual occupancy rates can be used if known.
4) Spa interior conditions must comply with the Spa management design criteria.
5) Exhaust rates shown are for each fixture.
6) Where exhaust rates are not indicated, but negative relationships are desired, adjust exhaust air quantity for the pressure differential shown.
7) Provide combustion air for all fuel fired appliances that complies with the requirements of their listing, all local codes and ordinances.
8) Fresh air must be pre-conditioned before being distributed. Pre-conditioned air is considered to be outside air that has been treated to lower than 55 F (12.8 C) dew point prior to mixing with other air.
9) Ventilation rates are based upon the latest ASHRAE Standard 62.1 using default occupancy values and have other indoor air quality requirements that are included in the standard. Actual occupancy rates can be used if known. a. The barrier must pre-clude ETS from transferring to non-ETS areas. Pressure relationships must be maintained so that the ETS areas are maintained at least -2.5 pascals (-0.01-inches water gage) with respect to the non-ETS areas. b. Signage must be included to warn guests when they are entering ETS areas. Signage must have notation that includes: "This Area May Contain Environmental Tobacco Smoke". c. For guest rooms, selection of finishes may be altered to minimize absorption of smoking odors and ease of maintenance. Alternative gas phase filtration may be included as part of the guest room air conditioning. d. Submit all ETS area design information for review and approval by Hilton.
Abbreviations: Pos = Positive, Neut = Neutral, Neg = Negative, N/C = Not Conditioned, Tdb = Dry Bulb Temperature, Twb = Wet Bulb Temperature, RH = Relative Humidity, F = degrees F, C = degrees C, CF/M-SF = Cubic Feet per Minute per square foot, L/S-SM = Liters per second per square meter, Pa = Pascals, Inches w. g. = Inches water gage, NR = Noise Rating = Leq = equivalent continuous sound level in dBa, MERV = Minimum Efficiency Reporting Value per ASHRAE Standard 52.2.

Mexico:

HVAC System requires mechanically controlling indoor air quality (temperature, humidity, purity and circulation) to obtain comfort levels in the desired areas of building in a cost-effective manner. The design of all systems must utilize energy efficient, sustainable solutions and demonstrate low carbon footprint through energy efficiency design following recognized industry standards such as LEED / EDGE / BREEAM or other comparable standard. Calculations to demonstrate the energy consumption in kWh/m2/yr must be submitted to Hilton Engineering. For required indoor air quality refer to the Environmental Conditions Matrix below:

Guest Areas – Lobby	Internal Conditions[1]	Pressure Relationships[2]	Ventilation Air Quantity[3]	Acoustical Rating

	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM	NR
Vestibule, Atrium, Lobby	73 (23)	55	72 (22)	30	Pos	0.02 (5)	0.30 (1.4)	--	40
Front Desk, Concierge, Luggage Room, Bellman's Desk, Valet Desk	73 (23)	55	72 (22)	30	Neut	--	0.30 (1.4)	--	40
Public Restrooms	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.06 (0.3)	50 (23.5)[5]	40
Elevator	70	55	70	--	Neut	--	--	--	--
All Guestroom Corridors	73 (23/)	55	72 (22)	30	Pos	0.02 (5)	0.06 (0.3)	--	40
Exit Stairs	N/C	N/C	N/C	--	Neut	--	--	--	--
Food & Beverage	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
All Food & Beverage Outlets	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.70 (3.4)	--	35
Food Prep/Kitchen	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	0.7 (3.5)	35
Food and Beverage Storage	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.12 (0.6)	--	40
Commercial Facilities	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
Sundries/Gift Shop	73 (23)	55	72 (22)	--	Neut	--	0.24 (1.2)	--	40
Vending Area	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)		40
Executive Lounge	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.25 (1.3)	--	35
Guest Laundry	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.17 (0.9)		40

Meeting Facilities	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
Ballrooms, Meeting Rooms, Boardrooms	73 (23)	55	72 (22)	30	Neut	--	0.72 (3.4)	--	30
Pre-function Areas	73 (23)	55	72 (22)	30	Pos	0.02 (5)	0.72 (3.4)	--	40
Business Center, Meeting Registration Desk	73 (23)	55	72 (22)	30	Neut	--	0.08 (0.4)	--	35
Coat Room	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.08 (0.4)	--	35
Meeting/Ballroom Storage	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.08 (0.4)	--	35
Satellite Pantry	73 (23)	55	72 (22)	--	Neg	0.02 (5)	0.08 (0.4)	--	35
Ballroom Service Corridor	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	--	40
Recreational Areas	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
Pool/Whirlpool	82 (28)	60	82 (28)	60	Neg	0.02 (5)	0.48 (2.4)	0.5 (2.5)	40
Guest Locker Room/Toilets	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	0.25 (1.25)	40
Fitness Center	72 (22)	55	69 (20)	--	Neut	--	0.26 (1.25)	0.26 (1.25)	40
Spa[4]	--	--	--	--	Neut	--	--	--	--
Guestrooms/Suites Bathrooms	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
All Guestrooms & Suites	73 (23)	55	72 (22)	30	Pos	0.02 (5)	0.11 (0.6)	--	25

Guest Bathroom/Dressing Area	73 (23)	55	72 (22)	30	Neg	0.02 (5)	0.06 (0.3)	--	35
Back of House Areas	Internal Conditions[1]				Pressure Relationships[2]		Ventilation Air Quantity[3]		Acoustical Rating
	Summer		Winter		Type	Differential	Fresh Air Supply	Exhaust Rate	
	Tdb F(C)	RH% Max	Tdb F(C)	RH% Min	Pos/ Neg/ Neut	Inches w.g. (Pa)	CF/M-SF (L/S-SM)	CF/M-SF (L/S-SM)	NR
All Offices & Human Resources	73 (23)	55	72 (22)	30	Neut	--	0.09 (0.4)	--	35
Employee Dining/Break Room	73 (23)	55	72 (22)	--	Neg	0.02 (5)	0.25 (1.3)	--	40
Employee Locker Rooms/Toilets	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	0.5 (2.5)	45
On-site and Off-site Housing	73 (23)	55	72 (22)	--	Neut	--	0.11 (0.6)	--	30
Service Pantry	73 (23)	55	72 (22)	--	Neg	0.02 (5)	0.06 (0.3)	--	40
Laundry	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.17 (0.9)	--	40
Housekeeping	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.12 (0.6)	--	40
Engineering/Maintenance Shop	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.12 (0.6)	--	45
Storage Rooms	80 (27)	60	68 (20)	--	Neg	0.02 (5)	0.12 (0.6)	--	40
Receiving Area	N/C	N/C	N/C	--	Neg	0.02 (5)	--	--	45
Receiving Office	73 (23)	55	72 (22)	--	Pos	--	0.09 (0.4)	--	35
Security Dispatch Office	73 (23)	55	72 (22)	--	Neut	--	0.09 (0.4)	--	35
Service Corridor	78 (26)	60	68 (20)	--	Neg	0.02 (5)	0.06 (0.3)	--	40
Mechanical Rooms	N/C	N/C	N/C	--	Neut	--	--	0.15 (0.7)	45
Electrical Rooms	N/C	N/C	N/C	--	Neut	--	--	--	45
Telecom Closets	80 (27)	55	68 (20)	--	Neut	--	--	--	45
Computer/Telecom Room	72 (22)	50	72 (22)	30	Neut	--	0.08 (0.4)	--	40
Trash Compactor/Container	N/C	N/C	N/C	--	Neg	0.02 (5)	--	1.0 (5.0)	45
Refrigerated Trash Room	50 (10)	60	50 (10)	--	Neg	0.02 (5)	--	1.0 (5.0)	45
Recycle Storage Room	N/C	N/C	N/C	--	Neg	0.02 (5)	--	1.0 (5.0)	45
Can Wash	N/C	N/C	N/C	--	Neg	0.02 (5)	--	1.0 (5.0)	45

Enclosed Parking	N/C	N/C	N/C	--	Neut	--	--	0.75	--

1) Internal environmental conditions are +/- 2 F (1 C), and +/- 5% RH.
2) Pressure relationships identified are with respect to adjacent areas. For buildings located in warm, humid climates, overall building pressure must be positive with respect to outdoors to at least 5 pascals. For cold climates, overall building pressure must be neutral with respect to outdoors with adequate consideration for vapor transmission through the envelope to prevent moisture damage. For mixed climates (warm humid summer and cold winters), overall building pressures must be slightly positive in summer season and neutral in winter season, with respect to outdoors.
3) Ventilation rates are based upon the latest ASHRAE Standard 62.1 using default occupancy values, and have other indoor air quality requirements that are included in the standard. Actual occupancy rates can be used if known.
4) Spa interior conditions must comply with the Spa management design criteria.
5) Exhaust rates shown are for each fixture.
6) Where exhaust rates are not indicated, but negative relationships are desired, adjust exhaust air quantity for the pressure differential shown.
7) Provide combustion air for all fuel fired appliances that complies with the requirements of their listing, all local codes and ordinances.
8) Fresh air must be pre-conditioned before being distributed. Pre-conditioned air is considered to be outside air that has been cooled to 55 F (12.8 C) prior to mixing with other air.
9) Ventilation rates are based upon the latest ASHRAE Standard 62.1 using default occupancy values, and have other indoor air quality requirements that are included in the standard. Actual occupancy rates can be used if known. a. The barrier must pre-clude ETS from transferring to non-ETS areas. Pressure relationships must be maintained so that the ETS areas are maintained at least -2.5 pascals (-0.01-inches water gage) with respect to the non-ETS areas. b. Signage must be included to warn guests when they are entering ETS areas. Signage must have notation that includes: "This Area May Contain Environmental Tobacco Smoke". c. For guest rooms, selection of finishes may be altered to minimize absorption of smoking odors and ease of maintenance. Alternative gas phase filtration may be included as part of the guest room air conditioning. d. Submit all ETS area design information for review and approval by Hilton.
Abbreviations: Pos = Positive, Neut = Neutral, Neg = Negative, N/C = Not Conditioned, Tdb = Dry Bulb Temperature, Twb = Wet Bulb Temperature, RH = Relative Humidity, F = degrees F, C = degrees C, CF/M-SF = Cubic Feet per Minute per square foot, L/S-SM = Liters per second per square meter, Pa = Pascals, Inches w. g. = Inches water gage, NR = Noise Rating = Leq = equivalent continuous sound level in dBa, MERV = Minimum Efficiency Reporting Value per ASHRAE Standard 52.2.

2514.06.A.2 The system type and design capacity must be determined based on the standards required by Hilton Architecture and Construction, ASHRAE, national and local codes whichever is more stringent.

2514.06.A.3 Provide complete calculations and written confirmation that the design of the variable refrigerant system (VRF) complies with the latest ANSI/ ASHRAE standard 15, Safety Standards for Refrigeration Systems, and ANSI/ASHRAE standard 34, Designation and Safety Classification of

Refrigerants (www.ansi.org, www.ashrae.org), BS EN-378 or GB/T9237. Local codes and standards can only be utilised when approved by Hilton and where Hilton deems such local codes and standards are equivalent with ASHRAE Standards 15 and 34, BS EN-378 or GB/T9237.

2514.06.A.4 Do not use systems that require summer/winter changeover of heating/cooling capacity.

2514.06.A.5 **Canada | United States:** Do not use PTACs (packaged terminal air conditioners or packaged terminal heat pumps) except in guestrooms. VTACs (vertical terminal air conditioners or vertical terminal heat pumps) may be used in guestrooms, or to serve guest room corridors and elevator lobbies. VTACs in the corridor will only be allowed when they do not interfere with the typical corridor width and their incorporation into the exterior design is approved by Hilton. VTACs are not permitted to provide ventilation to any spaces except to guestrooms in accordance with section 2514.06.E.1.d.

Mexico: Do not use through-wall type units (PTAC/VTAC) except in guestrooms.

2514.06.A.6 Design all HVAC systems to comply with the latest ASHRAE Standard 90.1 (www.ashrae.org) or an equivalent standard. Submit written compliance forms to Hilton for review.

2514.06.A.7 Refrigeration System Safety:

2514.06.A.7.a Design all refrigeration systems and machinery rooms to comply with ASHRAE Standards 15 and 34, BS EN-378, GB/T9237. Local codes and standards can only be utilised when approved by Hilton and where Hilton deems such local codes and standards are equivalent with ASHRAE Standards 15 and 34, BS EN-378 or GB/T9237.

2514.06.A.7.b For variable refrigerant flow systems in guestrooms, the room volume calculations must follow ASHRAE 15 and 34, BS EN-378 or GB/T9237 in full. Local codes and standards can only be utilised when approved by Hilton and where Hilton deems such local codes and standards are equivalent with ASHRAE Standards 15 and 34, BS EN-378 or GB/T9237.

2514.06.A.7.b.1 Not Applicable to this Brand

2514.06.A.7.b.2 Not Applicable to this Brand

2514.06.A.7.b.3 Not Applicable to this Brand

2514.06.A.7.b.4 Not Applicable to this Brand

2514.06.A.7.b.5 Not Applicable to this Brand

2514.06.A.7.b.6 Refrigerant piping must not be routed in egress corridors where accidental discharge may occur.

2514.06.A.7.b.7 Where system refrigerant charge is greater than the recommended limits of ASHRAE 15 and 34, EN378 or GB/T9237, an alarm system in compliance with ASHRAE 15 and 34, EN378 or GB/T9237 must be installed consisting of refrigerant sensor with monitoring function to a 24/7 manned location and an alarming device must be provided within each guestroom for detection of a refrigerant leak. The audible alarm must be a minimum of 75 dBA at the pillow level in all guestrooms, with intervening doors closed during the alarm.

2514.06.A.7.c Submit written documentation that indicates compliance with the safety codes for review by Hilton.

2514.06.A.8 **Canada | United States:** Do not use ceiling cassette units or high wall-mount units in guest rooms or public spaces. Equipment must be completely concealed.

2514.06.B HVAC System General Requirements

2514.06.B.1 Air Handling Equipment and Devices:

2514.06.B.1.a Not Applicable to this Brand

2514.06.B.1.b Install all HVAC equipment with adequate space for circulation and access for maintenance. Do not install air-handling units, fan coil units, and mechanical equipment requiring regular maintenance above gypsum board or inaccessible ceilings. Service access of non-guest area equipment must not be from guest areas.

2514.06.B.1.c Protect all air handling devices having internal insulation with foil facings or double-wall construction.

2514.06.B.1.d Fabricate cooling coil condensate drain pans from non-corrosive materials.

2514.06.B.1.e Controls

2514.06.B.1.e.1 Provide electric silent two-position or modulating motorized valve actuators that are replaceable without valve removal.

2514.06.B.1.e.2 Provide silent type relays in guestroom devices.

2514.06.B.1.e.3 **Mexico:** For public areas consider using VAV (Variable Air Volume) systems (single zone or VAV systems with pressure independent VAV terminal units) for improved energy efficiency and humidity controls. Controls and systems must be designed and balanced to maintain positive areas and building pressurization at all times.

2514.06.B.1.f Filtration

2514.06.B.1.f.1 **Canada | Mexico | United States:** Unless more stringent local codes require it, provide minimum MERV 13 filtration (or equivalent) for each air handling unit which serves public spaces or multiple spaces. A combination of MERV-8 filters and bipolar ionization may be used in lieu of MERV-13 filters. Locate bipolar ionization unit in main supply duct. Minimum MERV 8 filtration (or equivalent) must be used for air handling equipment which serves a single guest room/suite, a space intended for a single occupant, or a normally unoccupied space. Bipolar ionization equipment must meet the requirements of UL-2998 and UL-867.

2514.06.B.1.f.2 Provide fully synthetic media that does not allow microbial growth when wetted.

2514.06.B.2 **Canada | United States:** Use sheet metal ductwork for supply air, outdoor air and exhaust systems. Alternatively, use a pre-insulated HVAC Ductwork System comprised of fiber-free rigid thermoset phenolic insulation with a minimum of 90% closed cell content that is UL Listed as a Class 1 Air Duct which meets UL 181 standard and compliant with NFPA 90A and NFPA 90B. System should utilize product with a minimum R-6 value (22mm thick) that achieves a minimum compressive strength of 29 PSI (200kPa) at 10 percent compression, and not be constructed for systems that exceed 4” positive w.g. (1000 Pa) and 3” negative w.g. (750 Pa). Follow manufacturer’s and SMACNA’s Phenolic Duct Construction Guidelines to ensure proper fabrication/installation is followed to achieve SMACNA Class 3 air leakage. Flex ductwork is allowed for a maximum distance of 8'-0"/2.4 m between rigid duct and diffuser/grille.
Mexico: Use only sheet metal ductwork for supply air, outdoor air and exhaust systems. Flex ductwork is allowed for a maximum distance of 8'-0"/2.4 m between rigid duct and diffuser/grille.

2514.06.B.3 Use duct liner only where required for acoustic needs using closed-cell elastomeric material that complies with ASTM C1534-07-E1 (www.astm.org), or physically cross-linked polyolefin foam that complies with ASTM C1427.

2514.06.B.4 **Canada | United States:** Provide non-adjustable temperature sensors located to effectively control the temperature in all conditioned areas. Thermostats in fitness center, individual meeting rooms and boardrooms must be adjustable by guests.

Mexico: Provide non-adjustable temperature sensors located to effectively control the temperature in all conditioned areas. Thermostats in the business center, fitness center and individual meetings rooms and boardrooms must be adjustable by guests.

2514.06.B.5 **Mexico:** Thermostats must be provided in the HUB area to control the Welcome, Work, Living and Gathering Zones within the lobby, as well as the breakfast area. Zones must be individually controlled.

2514.06.B.6 Screen all rooftop and ground mounted equipment from street views. Locate equipment to avoid increased noise levels in adjacent guestrooms.

2514.06.B.7 Provide a complete fully automated monitoring and dosing water treatment system for open loop systems, and chemical feed capacity for closed loop systems.

2514.06.B.8 Design all gas or oil fired equipment rooms to comply with the latest NFPA 54, NFPA 58, NFPA 31, or equivalent local codes and standards.

2514.06.B.9 HVAC Piping

2514.06.B.9.a Avoid exposed piping in all areas but mechanical spaces.

2514.06.B.9.b Conceal all piping, except in mechanical spaces, to complement adjacent finishes.

2514.06.B.9.c Insulate all chilled water and condensate drain piping using closed-cell insulation products that comply with the latest ASTM C534 or ASTM C522-03 (www.astm.org). Select insulation thickness per the latest ASHRAE Handbook of Fundamentals, Chapter 23 (www.ashrae.org).

2514.06.B.9.d **Canada | United States:** Do not use polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) piping systems.

2514.06.B.9.e Provide full-port ball valves and butterfly valves for isolation and shutoff service. Gate valves must not be used.

2514.06.B.9.f Install unions and isolation valves on supply and return connections at each air-handling device.

2514.06.B.9.g Provide riser isolation and drain valves to minimize disruption of guestroom services during failures.

2514.06.B.9.h Provide a means for balancing and maintaining water flows at each device and distribution loop.

2514.06.B.9.i Provide a means for air elimination and removal from the system and at each terminal device.

2514.06.B.9.j Ground mounted units must have condensate piping connected to an underground collection system.

2514.06.B.9.k **Mexico:** Provide energy meters as stated in the Hilton Energy & Water Efficient Design Companion Guide.

2514.06.B.10 **Mexico:** The designer must consider ways to minimize the cooling and heating loads by working closely with the architects and consider the following design parameters:
a. Building shape
b. Building orientation
c. Window quantity, size and location
d. Building fabric U-values and windows SHGC

2514.06.B.11 **Mexico:** Directly employ a third-party Commissioning Agent (CxA) Company (independent of the project MEP Design Consultants and Installing Companies), reporting directly to the Owners team. The Commissioning Agent Company (CxA) engaged by the Owner, must be responsible for the delivery of the commissioning process (carried out by the various specialists of the MEP systems installers and TAB teams). The CxA must ensure all MEP and FLS systems are tested & commissioned correctly and provide verified documentation. Use Commissioning Process for

Buildings and Systems as outlined in ASHRAE Guideline 1.1 HVAC&R Technical Requirements for the Commissioning Process. The Commissioning Agent Company (CxA) must be suitably qualified (certified) and approved by Hilton Engineering.

2514.06.C Not Applicable to this Brand

2514.06.D Water Chillers and Chilled Water Distribution

Water Chillers and Chilled Water Distribution (if applicable)

2514.06.D.1 Provide Underwriters Laboratories (or recognized equivalent)-listed chiller that complies with the latest pressure vessel design and construction standards for both refrigerant and waterside heat exchangers.

2514.06.D.2 Rate per the latest ARI Standard (or recognized equivalent) and provide minimum of two chillers, with system sized to allow at least 75 percent of design capacity with one chiller not operable. All chillers must have manufacturers chiller optimisation controls supplied with the chillers and integrated into the BMS.

2514.06.D.3 Not Applicable to this Brand

2514.06.D.4 Comply with The Kigali Amendment to the Montreal Protocol for phase-out compliance of refrigerants, following the phase –out time line of the US & EU F-Gas guide lines. Acceptable refrigerants must be submitted to Hilton for full approval and must take into consideration the phase out of refrigerants and life cycle of systems.

2514.06.D.5 Select unit efficiencies that comply with national and local energy code requirements or the latest ASHRAE Standard 90.1 (www.ashrae.com) pending review by Hilton for exceptions.

2514.06.D.6 Refrigerant Safety must comply with ANSI/ASHRAE standard 15, Safety Standards for Refrigeration Systems, and ANSI/ASHRAE standard 34, Designation and Safety Classification of Refrigerants (www.ansi.org, www.ashrae.org), EN378 or GB/T9237. Local codes and standards can only be utilised when approved by Hilton, where Hilton deems such local codes and standards are equivalent with ASHRAE Standards 15 and 34, BS EN-378 or GB/T9237.

2514.06.D.7 Cooling Towers

2514.06.D.7.a Select cooling towers based upon 0.4 percent wet bulb/mean coincident dry bulb (WB/MCDB) ASHRAE climate conditions.

2514.06.D.7.b Galvanized steel construction is not allowed in coastal environments.

2514.06.D.7.c Select tower locations to avoid noise or transmitted vibration that affects the guestrooms or guest areas.

2514.06.D.7.d Locate cooling towers where re-entrainment of tower plume will not affect other air handling systems.

2514.06.D.8 Specification of chillers shall be solely based upon performance criteria. Do not specify chillers by type of technology.

2514.06.E Ventilation Air

2514.06.E.1 General

2514.06.E.1.a **Canada | United States:** Design ventilation air systems to comply with the latest ASHRAE Standard 62.1, Ventilation for Acceptable Indoor Air Quality (www.ashrae.org) and local codes. Ventilation air systems shall be rated in accordance with AHRI Standard 920 and ISMRE2 value provided.
Mexico: Design ventilation air systems to comply with the latest ASHRAE Standard 62.1, Ventilation for Acceptable Indoor Air Quality

(www.ashrae.org) and local codes. Public areas, spaces with high occupancy density, and assembly areas must be designed with demand control ventilation systems capable of maintaining indoor CO2 levels within 800-1100 ppm and control the quantity of outside/ventilation air while always maintaining positive building pressurization. Use nondispersive infrared (NDIR) CO2 sensors.

2514.06.E.1.b **Canada | United States:** Discharge Air Conditions: Select the cooling coil unit to produce 68-70 °F DB/20-21 °C leaving air temperature and less than 55 °F/12.7 °C dew point.
Mexico: Distribute conditioned ventilation air directly into each guestroom. Operable windows are not allowed as the primary means of guestroom ventilation.

2514.06.E.1.c **Canada | Mexico:** If allowed by local codes, ventilation air may be supplied to the guestroom via corridor supplied air and door undercuts. If automatic door bottoms or seals are required for smoke control, corridors may not be used as the source of guestroom ventilation.
United States: Ventilation air may not be supplied to the guestroom via corridor supplied air and door undercuts, unless specifically authorized by the local authority having jurisdiction. Authorization must be submitted in writing to Hilton. If automatic door bottoms or seals are required for smoke control, corridors may not be used as the source of guestroom ventilation.

2514.06.E.1.d **Canada | United States:** Packaged terminal units (PTAC) including packaged terminal heat pumps and vertical packaged terminal units may be used for providing ventilation air under the following conditions:
1. All Climate Zones, except 7 and 8, within Dry and Marine Regions as indicated in the International Energy Conservation Code: Standard PTACs with an outside air vent may be used to provide ventilation air to guestrooms. In Climate zones 7 and 8, provide dedicated ventilation air units to meet humidification requirements.
2. Climate Zones 4, 5 and 6 within the Moist Region as indicated in the International Energy Conservation Code: Only packaged terminal units equipped with a compressor, condenser and evaporator dedicated solely for the purpose of conditioning outside air, or which utilize inverter-driven compressors and fans to control humidity, may be used to provide ventilation air to guestrooms.
3. Climate Zones 1, 2, and 3 within the Moist Region as indicated in the International Energy Conservation Code, and Hawaii: Only packaged terminal units equipped with a compressor, condenser and evaporator dedicated solely for the purpose of conditioning outside air, or which utilize inverter-driven compressors and fans to control humidity, may be used to provide ventilation air to guestrooms. Packaged terminal units providing guestroom ventilation must be accompanied by dedicated ventilation air units supplying a total volumetric air flow equaling at least 12 cfm per guestroom plus the required ventilation of the front-of-house and back-of-house spaces. The distribution of air from the dedicated ventilation air units may be to the corridors.
Mexico: Packaged terminal units (PTAC) including packaged terminal heat pumps and vertical packaged terminal units may be used for providing ventilation air under the following conditions:
1. All Climate Zones, except 7 and 8, within Dry and Marine Regions as indicated in the International Energy Conservation Code: Standard PTACs with an outside air vent may be used to provide ventilation air to guestrooms. In Climate zones 7 and 8, provide dedicated ventilation air units to meet humidification requirements.
2. Climate Zones 4, 5 and 6 within the Moist Region as indicated in the International Energy Conservation Code: Only packaged terminal units equipped with a compressor, condenser and evaporator dedicated solely for the purpose of conditioning outside air, or which utilize inverter-driven compressors and fans to control humidity, may be used to provide ventilation air to guestrooms.
3. Climate Zones 1, 2, and 3 within the Moist Region as indicated in the International Energy Conservation Code, and Hawaii: Only packaged terminal units equipped with a compressor, condenser and evaporator dedicated solely for the purpose of conditioning outside air,

or which utilize inverter-driven compressors and fans to control humidity, may be used to provide ventilation air to guestrooms. Packaged terminal units providing guestroom ventilation must be accompanied by dedicated ventilation air units supplying a total volumetric air flow equaling at least 25 cfm per guestroom plus the required ventilation of the front-of-house and back-of-house spaces. The distribution of air from the dedicated ventilation air units may be to the corridors.

2514.06.E.1.e **Canada | Mexico | United States:** Dedicated ventilation air equipment must be specifically designed to allow the ventilation air to be supplied at room neutral conditions.

2514.06.E.1.f Not Applicable to this Brand

2514.06.E.1.g Provide building air balance calculations to Hilton for review and approval.

2514.06.E.1.h **Mexico:** The parking garage must be provided with mechanical ventilation if 60 percent of the walls are not open to natural airflow.

2514.06.E.2 Dedicated Ventilation Air Equipment Selection

2514.06.E.2.a Select ventilation air units to offset any continuous bathroom exhaust air quantity, any other exhaust air from the corridors, plus air flow to maintain pressure relationships identified in the Environmental Conditions matrix. If prevailing winds will affect building pressurization, this must be taken into account in determining building air balance calculations and air quantity for pressurization.

2514.06.E.2.b Design Criteria

2514.06.E.2.b.1 Summer

2514.06.E.2.b.1.a Outdoor Conditions: Select ventilation air entering air temperature (EAT) for cooling based on ASHRAE 0.4 percent summer design Dehumidification [dew point/mean coincident dry bulb (DP/MCDB)] and Humidity Ratio (HR) (www.ashrae.org).

2514.06.E.2.b.1.b **Canada | United States:** Discharge Air Conditions: Select the cooling coil unit to produce 68-70 °F DB/20-21 °C leaving air temperature and less than 55 °F/12.7 °C dew point.
Mexico: Discharge Air Conditions: Select the cooling coil to produce 55 °F DB/12.8 °C DB leaving air temperature and reheat to approximately 68 °F DB/20 °C if for corridor distribution or 70 °F DB/ 21 °C DB if supplied directly into guestroom.

2514.06.E.2.b.2 Winter

2514.06.E.2.b.2.a Select EAT for heating based on ASHRAE Annual Extreme Daily Mean Dry Bulb (MDB) Minimum winter design temperature (not Heating DB at 99.6 or 99 percent) (www.ashrae.org).

2514.06.F Dedicated Ventilation Air Units

2514.06.F.1 Provide ETL or Underwriters Laboratories (www.ul.com) listed equipment, or similar recognized agency that complies with local code requirements. Rate per ARI Standards or equivalent refrigeration standards agency.

2514.06.F.2 **Canada | United States:** Provide preheat, cooling, liquid desiccant dehumidification (or hot-gas reheat), humidification and auxiliary reheat sections, as necessary.
Mexico: Provide preheat, cooling, dehumidification, humidification and reheat sections.

2514.06.F.2.a Humidification Requirement: Provide ventilation air units in ASHRAE (www.ashrae.org) Climate Zones 7 and 8 with humidification capability to comply with the Environmental Conditions Matrix included in the beginning of this Section.

2514.06.F.3 Wall construction must be double-wall insulated type.

2514.06.F.4 Condensate drain pans must be insulated, stainless steel and corrosion-resistant construction.

2514.06.F.5 Provide spacer for temperature sensor between cooling and reheat coils or means of coil temperature measurement via suction pressure sensing device.

2514.06.F.6 Provide special filter support structure to prevent moisture laden filter collapse.

2514.06.F.7 Direct-Expansion (DX) Ventilation Air Units

2514.06.F.7.a Refrigeration

2514.06.F.7.a.1 **Canada | United States:** Provide a minimum of two independent cooling circuits for units up through nominal 30 tons (105 kW) and at least three independent cooling circuits for larger units. Alternatively, provide 24/7 remote monitoring for each Dedicated Ventilation Air Unit.
Mexico: Provide a minimum of two independent cooling circuits for units up through nominal 30 tons (105 kW) and at least three independent cooling circuits for larger units.

2514.06.F.7.a.2 Provide cooling coil refrigeration circuiting with an intertwined arrangement. Face or horizontal split coil arrangement is not acceptable.

2514.06.F.7.a.3 **Canada | United States:** Provide digital inverter-driven, variable speed scroll lead compressor.
Mexico: Provide digital scroll lead compressor or include hot-gas re-injection (by-pass) on the lead refrigerant circuit.

2514.06.F.7.a.4 **Canada | United States:** Provide unit using lithium chloride liquid desiccant dehumidification or hot-gas reheat coil with an ISMRE2 minimum rating of 7 lbs/kWh. If using hot-gas reheat, locate reheat coil, downstream of cooling coil, with spacer for temperature sensor between cooling coil and reheat coil. Provide reheat coil complete with modulating refrigerant valve. Do not use systems utilizing sub-cooler reheat circuits, fuel gas reheat, or electric reheat.
Mexico: Provide hot-gas reheat coil, complete with modulating refrigerant valve, downstream of cooling coil, with spacer for temperature sensor between cooling and reheat coil. Fuel gas or electric reheat is not allowed.

2514.06.F.7.a.5 **Canada | United States:** Provide liquid desiccant dehumidification or dehumidification refrigeration circuit if the outdoor ambient design humidity ratio is more than 110 grains/lb./15.7 g/kg or in those areas with annual rainy seasons.
Mexico: Provide dehumidification refrigeration circuit if the outdoor ambient design humidity ratio is more than 100 grains/lb./14.3 g/kg or in those areas with annual rainy seasons.

2514.06.F.7.a.6 Not Applicable to this Brand

2514.06.F.7.a.7 For all refrigeration installations comply to 2514.06.A.7 Refrigeration System Safety, Clause 2514.06.A.3 and 2514.06.D.6.

2514.06.F.7.b Gas Heating

2514.06.F.7.b.1 Provide stainless steel heat exchanger.

2514.06.F.7.b.2 Provide minimum four-stage or modulating (minimum 3:1 turndown) control for heating.

2514.06.F.7.c Electric Heating: Provide with minimum four-stage control or SCR (saturated core reactor) modulating controls.

2514.06.F.7.d Use factory-mounted controls that provide continuous heating, cooling, and dehumidification of outside air using discharge air temperature control scheme, with space temperature reset control capability.

2514.06.F.8 Access panels must be hinged and use latches that do not require the use of tools to open.

2514.07 Plumbing

2514.07.A Plumbing Piping

2514.07.A.1 Domestic water storage, drainage systems, hot and cold piping material selections and system design must comply with national and local code requirements. For those locations without code requirements, contact Hilton for acceptable minimum code requirements.

2514.07.A.2 **Mexico:** Provide a fully automated domestic water monitoring, filtration and dosing system for potable water storage tanks. Treatment system must be capable to condition, filter and supply water to WHO or EPA standards.

2514.07.A.3 Do not use polyvinyl chloride (PVC) or polybutylene materials for potable water.

2514.07.A.4 Insulate all metal cold water and condensate drain piping using closed cell insulation products that comply with ASTM C534 or ASTM C522-03 (2009) e1 (www.astm.org) . Select insulation thickness per the 2013 ASHRAE Handbook of Fundamentals, Chapter 23.

2514.07.A.5 **Mexico:** Provide energy meters as stated in the Hilton Energy & Water Efficient Design Companion Guide.

2514.07.B Valve Requirements

2514.07.B.1 Install unions and isolation valves on domestic water supply and return connections at each riser or horizontal distribution header.

2514.07.B.2 Provide isolation or stop valves at each plumbing fixture.

2514.07.B.3 Provide full port ball valves or butterfly valves for isolation or shut-off service.

2514.07.C Floor Cleanouts

Locate floor cleanouts outside of normal foot traffic in all public and back-of-house areas.

2514.07.D Backflow Prevention Devices

Install suitable backflow prevention devices on all potable water systems.

2514.07.E Grease, Oil & Sand Traps

Locate grease, oil or sand traps in the back-of-house or service areas where the devices must be serviced without disrupting normal operations and out of sight of normal guest activities.

2514.07.F Domestic Hot Water Generating System

2514.07.F.1 Provide hot water production during all normal operating flow regimes.

2514.07.F.2 **Canada | United States:** Select system types, storage and heaters that will provide stable water temperature during all flow conditions, and recirculation system for on demand hot water delivery within 10 seconds.
Mexico: Select system types, storage and heaters that will provide stable water temperature during all flow conditions, and recirculation system for on-demand hot water in guestrooms.

2514.07.F.3 **Canada | United States:** Select system equipment that provides for 100 percent design heating capacity with one heater out of service. A minimum of two independent units must be provided.
Mexico: Select system equipment that provides for 100 percent design heating capacity with one heater out of service.

2514.07.F.4 For systems that use separate heaters and storage to meet demand, provide at least two storage tanks for maintenance.

2514.07.F.5 Not Applicable to this Brand

2514.07.F.6 Not Applicable to this Brand

2514.07.F.7 **Canada | United States:** Hot water is to be generated and or stored at no less than 140° F/60° C and circulated at no less than 122° F/50° C
Mexico: Hot water is to be stored at no less than 140° F/60° C and delivered to guest accessible outlets at no less than 113° F/45° C.

2514.07.F.8 Provide a temperature gauge in the discharge from each water heater and a separate gauge in the common supply water header leaving the domestic water heaters.

2514.07.F.9 Install adjustable angle, bi-metal, 3"/76 mm dial-type gauge, 0°F/-20°C to 200°F/95°C temperature range in a thermal well appropriately sized for the pipe.

2514.07.F.10 Provide combustion air requirements required by manufacturer and local codes.

2514.07.G Not Applicable to this Brand

2514.07.H Commercial Grade Plumbing Fixtures

Provide commercial grade quality plumbing fixtures for all public and back-of-house areas.

2514.07.I Conceal Water Pipes

Conceal all water pipes except in mechanical rooms.

2514.07.J Heating System Design
Mexico: Heating System Design

2514.07.J.1 **Mexico:** Energy Efficiency:
a. Select fuels with low/zero carbon technologies to promote heating system efficiency and minimize operating energy costs.
b. Heating plant locations must be determined to minimize distribution and standing losses; consider decentralized plant in larger properties with remote buildings.
c. Appropriate margins may be applied, but oversizing of primary plant must be avoided.
d. Heating base loads must be matched to the most efficient source of heating.

2514.07.J.2 Not Applicable to this Brand

2514.07.J.3 **Mexico:** Solar Systems: the site must be evaluated for use of solar water heating:
a. Solar heating must be used as pre-heat for the low temperature hot water system where climate permits and it appropriate or connected to direct water heaters for domestic hot water production if solar system is designed to generate temperature above 60oC and appropriate for minimum temperature for water accumulation.
b. A back up source of heat generation is required for hot water production to cover periods of low solar contribution.

2514.07.J.4 **Mexico:** Heat Pumps:
a. Heat recovery, ground or air source heat pumps must be considered where low grade, low temperature differential heating can be utilized (such as swimming pools, underfloor heating, fan coil units, heat recovery machines generating condenser or chilled water and pre heating the domestic hot water).
b. Units utilizing low GWP refrigerants must be selected.
c. The system must be designed to achieve a minimum COP 4.0 or as established by ASHREA 90.1.

2514.07.J.5 **Mexico:** Water Heaters:
a. Where gas or oil-fired boilers are utilized they must be high-efficiency condensing type in a packaged modular configuration or designed to operate at high part load efficiency, with low water content and low thermal mass.
b. Boilers must operate at a minimum gross efficiency of over 90% in condensing mode and can achieve a gross efficiency in the range of 90-97%; efficiency must be higher at part load than at full load.
c. Boiler sequencing must be implemented according to the most efficient operation maximizing part load efficiency before shutting down modules/boilers.

2514.08 Electrical

2514.08.A NFPA 70 Adherence

Comply with applicable edition of NFPA 70 (www.nfpa.org) and all national or local codes.

2514.08.B Light Fixture Safety Listing Requirements

All lighting fixtures must have a safety listing as provided by a nationally recognized testing laboratory, e.g. CE, ETL, ISI, UL, VDE. Any other safety listings on any light fixture (plug-in or hardwired) will need to have undergone the equivalent ASTM testing that would have been required to achieve a UL listing, approval by the local authority having jurisdiction, and that the property insurance will not be in jeopardy by use of this labeling.

2514.08.C Power Supply

2514.08.C.1 In locations where replacement transformers are not available within 24 hours, provide redundant primary transformers that have 100 percent building load capacity for each transformer.

2514.08.C.2 Not Applicable to this Brand

2514.08.C.3 **Canada | United States:** In areas where normal power sources are interrupted more than once per day, provide either full on-site power or two sources of utility supplied power.
Mexico: In areas where normal power sources are interrupted more than once per day, provide either full on-site power or two sources of utility supplied power. In areas with frequent voltage fluctuations, brownouts and other power quality issues, a voltage and power quality regulation system must be considered. As a minimum the main electrical room layout shall have space and shall allow for such equipment to be added later as necessary.

2514.08.C.4 Not Applicable to this Brand

2514.08.C.5 Locate primary power switchgear in locations where it will not flood.

2514.08.D Electrical Wiring Conduit

Electrical wiring must be in conduit (MC cable permitted). Wood-framed buildings are permitted to use “Romex” when code allows.

2514.08.E Copper Conductors

Use copper conductors. Aluminum branch and feeder wiring is only allowed on circuits 100 amp and larger, subject thermal imaging to confirm proper termination.

2514.08.F Panels and Service Equipment

2514.08.F.1 Install only in non-public and protected service areas. Mechanical or linen room locations are allowed as long as they are not subject to water piping and have adequate clearances that will not be compromised by storage of other materials.

2514.08.F.2 Provide securable panel covers and circuit interrupting devices that can be locked and tagged out.

2514.08.G Outlet Devices

2514.08.G.1 Install at least 6”/152 mm above finished floor.

2514.08.G.2 Install at least 50'-0"/15.2m on center, maximum, in all public corridors.

2514.08.G.3 The use of extension cords or power strips, even if surge protected, is not allowed.

2514.08.G.4 All hardware components of the Property Management System must be plugged directly into an electrical outlet on a dedicated and ground circuit.

2514.08.G.5 All UPS outlets must be of a different color and, where allowed, a different style compared to normal outlets. Outlets must be clearly labeled.

2514.08.H Raceways/Conduits

2514.08.H.1 Conceal all raceways and/or conduit in public, finished back-of-house and guest areas.

2514.08.H.2 Exposed raceways and/or conduit are only allowed in unfinished service corridors, mechanical or electrical spaces, and parking garages.

2514.08.H.3 Existing properties facing wiring installation challenges must receive prior approval from Hilton for the use of wire molding. When allowed in public areas, molding must be painted to match the ceiling or wall depending upon placement. Molding must not be run centered on the ceiling. It must run as close as possible to the intersection of the wall and ceiling and must extend completely into corners where possible. In guestrooms where retrofitting into walls is not possible, raceways must be concealed in an UL approved baseboard/raceway system.

2514.08.I Minimum Foot-Candles/Lux Levels and Maximum Kelvin Temperature

Canada | United States:

The following table represents the minimum foot-candles/lux levels required within all properties, unless otherwise noted. In the event an area is not listed below, reference the most current version of the Illuminating Engineering Society guidelines (www.ies.org), local codes and/or a professional third-party lighting consultant for guidance. Exterior lighting must reference local codes & lighting zone 0-4, fixture BUG ratings requirements IES CH26 Exterior lighting guidelines. Additional lighting requirements can be found in the Fire & Life Safety Section 2516.05.F Egress Lighting.

Surface Parking Areas	Horiz Spec FC/Lux	Horiz. Measure Location at	Horiz Gauge	Vertical FC/Lux	Vertical Measure Location at	Vertical Gauge	Light Source Kelvin color temperature Maximum

Drive Entrances/Porte Cochere	10 / 100	grade	Avg	n/a	n/a	n/a	4000
Drive Lanes	1 / 10	grade	Avg	2 / 20	5' AFG	Avg	5000
Parking Stalls	1 / 10	grade	Avg	2 / 20	5' AFG	Avg	5000
Parking Structures	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Entrances - Canopied	5 / 50	grade	Avg	2 / 20	5' AFG	Avg	4000
Drive Lanes	5 / 50	grade	Avg	n/a	n/a	n/a	5000
Parking Stalls	5 / 50	grade	Avg	n/a	n/a	n/a	5000
Outdoor Miscellaneous	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Exterior Paths & Walkways	5 / 50	grade	Avg	n/a	n/a	n/a	4000
Guest Areas - Lobby	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Lobby Entrance (day)	10 / 100	floor	Avg	3 / 30	5' AFF	Avg	3000
Lobby Entrance (night)	5 / 50	floor	Avg	2 / 20	5' AFF	Avg	3000
Service Desks (Registration,Concierge etc)	20 / 200	top desk	Avg	5 / 50	top desk	Avg	3000
Lobby Guest Circulation	2 / 20	floor	Avg	n/a	n/a	n/a	3000
Guestroom Corridor at Guestroom Entrances - Under Door	10 /100	floor under door lock	Avg	n/a	n/a	n/a	3000
Guestroom Corridor at Guestroom Entrances - door lock	15 / 150	door Lock	Avg	n/a	n/a	n/a	3000

Guestroom Corridor Middle	2 / 20	floor	Min	2 /20	5' AFF	Avg	3000
Restrooms (inside partitions)	5 / 50	floor	Avg	3 / 30	3-5' AFF	Avg	4000
Restrooms (countertop)	15 / 150	at counter top	Avg	20 / 200	3-5' AFF	Avg	4000
Exit Stairs (typical)	5 / 50	floor	Avg	3 / 30	5' AFF	Avg	4000
Elevators - lobby	5 / 50	floor	Avg	3 / 30	5' AFF	Avg	4000
Elevators - cab interior	5 / 50	floor	Avg	3 / 30	5' AFF	Avg	4000
Food and Beverage Outlets	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Dining - Casual	10 / 100	table	Avg	5 / 50	4' AFF	Avg	2700
Dining - Fine	3 / 30	table	Avg	1 / 10	4' AFF	Avg	2700
Dining - 3 meal breakfast	10 / 100	table	Avg	3 /30	4' AFF	Avg	2700
Dining - 3 meal lunch	5 / 50	table	Avg	2 / 20	4' AFF	Avg	2700
Dining - 3 meal dinner	3 / 30	table	Avg	1 / 10	4' AFF	Avg	2700
Café / Grab & Go	10 /100	table	Avg	3 / 30	4' AFF	Avg	2700
Lounge / Bar	4 / 40	bar top	Avg	1.5 / 3	3-5' AFF	Avg	2700
Lounge - Bar	10 / 100	table	Avg	5.5 / 11	5' AFF	Avg	2700
Lounge - Reading / Work Areas	15 / 150	table	Avg	5.5 / 11	4' AFF	Avg	2700
Lounge - Social / Waiting Areas	10 /100	floor	Avg	5.5 / 11	5' AFF	Avg	2700
Executive Lounge	10 /100	table	Avg	3 / 30	4' AFF	Avg	2700
Commercial Facilities	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Specialty retailer - circulation	15 / 150	floor	Avg	5 / 50	5' AFF	Avg	4000

Specialty retailer - general retail	40 / 400	floor	Avg	15 / 150	3-5' AFF	Avg	4000
Specialty retailer - feature displays	120 / 1200	floor	Avg	75 / 750	3-5' AFF	Avg	4000
Specialty retailer - Perimeter	na	na	na	40 / 400	5' AFF	Avg	4000
Business Center - Computer	15 / 150	table	Avg	5 / 50	3' AFF	Avg	3000
Business Center - Print Area	30 / 300	table	Avg	7.5 / 75	3' AFF	Avg	3000
Business Center - Informal Mtg Area	7.5 / 75	table	Avg	4 / 40	4' AFF	Avg	3000
Guest Laundry	30 / 300	floor	Avg	15 / 150	3-5' AFF	Avg	4000
Vending Room /Ice Room	10 / 100	floor	Avg	10 / 100	3-5' AFF	Avg	4000
SPA - Treatment Rooms	1 / 10	floor	Avg	n/a	n/a	n/a	2700
SPA - Changing Rooms	5 / 50	floor	Avg	10 / 100	5' AFF	Avg	2700
SPA - Make-up Stations	30 / 300	floor	Avg	30 / 300	4' AFF	Avg	2700
SPA - Manicures (hand rest)	50 / 500	hand rest	Avg	15 / 150	4' AFF	Avg	2700
SPA - Pedicures (foot rest)	50 / 500	foot rest	Avg	15 / 150	4' AFF	Avg	2700
SPA - Salon (Barber)	50 / 500	4' AFF	Avg	30 / 300	4' AFF	Avg	2700
Meeting Facilities	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Pre-Function Area - Circulation	5 / 50	floor	Avg	1.5 / 15	5' AFF	Avg	3000
Pre-Function Area - No Event Off Hrs	5 / 50	floor	Avg	1.5 / 15	5' AFF	Avg	3000

Pre-Function Area - Registration Table	20 / 200	table	Avg	3 / 30	4' AFF	Avg	3000
Pre-Function Area - Social Function	10 / 100	floor	Avg	4 / 40	4' AFF	Avg	3000
Ballrooms - Casual	20 / 200	floor	Avg	5 / 50	4' AFF	Avg	3000
Ballrooms - Formal (Business)	15 / 150	floor	Avg	4 / 40	4' AFF	Avg	3000
Ballrooms - Formal (Evening)	7.5 / 75	floor	Avg	2 / 20	4' AFF	Avg	3000
Ballrooms - Exhibition (show)	50 / 500	floor	Avg	20 / 200	3' AFF	Avg	4000
Meeting Rooms/ Boardroom	40 / 400	table	Avg	15 / 150	4' AFF	Avg	3000
Recreational Areas	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Swimming Pool/ Whirlpool (Deck/Indoor)	15 / 150	floor	Avg	2 / 20	5' AFF	Avg	4000
Swimming Pool/ Whirlpool (Outdoor)	10 / 100	grade	Avg	2 / 20	5' AFG	Avg	4000
Swimming Pool (Indoor)	15 / 150	floor	Avg	2 / 20	5' AFF	Avg	3000
Swimming Pool (Water Surface)	30 / 300	water surface	Avg	n/a	5' AFG	Avg	3000
Swimming Pool (Under Water)	15 / 150	under water	Avg	n/a	n/a	n/a	3000
Sport/Tennis Court	20-30/200-300	playing surface	Grade	10-20/100-200	4-5' AFF	n/a	4000
Sauna	10 / 100	floor	Avg	3 / 30	3-5' AFF	Avg	4000
Steam Room	10 / 100	floor	Avg	3 / 30	3-5' AFF	Avg	4000
Locker Room (general)	10 / 100	floor	Avg	3 / 30	3-5' AFF	Avg	4000
Locker Room (Countertop)	2 / 20	counter	Avg	20 / 200	3-5' AFF	Avg	4000

Locker Room - top plumbing fix	10 / 100	top of fixture	Avg	3 / 30	3-5' AFF	Avg	4000
Locker Room - Showers	10 / 100	floor	Avg	5 / 50	3-5' AFF	Avg	4000
Fitness Center - Aerobics	40 / 400	floor	Avg	4 / 40	3-5' AFF	Avg	3000
Fitness Center - Strength Trng	40 / 400	floor	Avg	15 / 150	3-5' AFF	Avg	3000
Fitness Center - Yoga	15 / 150	floor	Avg	10 / 100	3-5' AFF	Avg	3000
Fitness Center - Personal Trng	40 / 400	floor	Avg	15 / 150	3-5' AFF	Avg	3000
Guestrooms/Suites	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Floor (general)	2 / 20	floor	Avg	n/a	n/a	n/a	2700
Pillow (reading)	20 / 200	at pillow	Avg	10 / 100	3' AFF	Avg	2700
Tabletops/Counters	20 / 200	table	Avg	n/a	n/a	n/a	2700
Seating Areas (Casual)	15 / 150	2'6" AFF	Avg	5 / 50	3-5' AFF	Avg	2700
Closet (dedicated or foyer source)	10 / 100	shelf face / 6' AFF	Avg	5 / 50	shelf face	Avg	2700
Entrance / Foyer	5 / 50	floor	Avg	1 / 10	5' AFF	Avg	2700
Desk	20 / 200	desk	Avg	3 / 30	4' AFF	Avg	2700
Dining Table	20 / 200	table top	Avg	3 / 30	4' AFF	Avg	2700
Kitchenette	50 / 500	prep surf	Min	20 / 200	prep surf	Avg	2700
Guest Bathrooms	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Vanity Top	40 / 400	vanity top	Avg	30 / 300	5' AFF	Avg	3000
Tub/Shower (with shower curtain closed)	5 / 50	tub	Avg	2 / 20	3-5' AFF	Avg	3000
Water Closet Seat	20 / 200	toilet seat	Avg	1.5 / 15	3-5' AFF	Avg	3000

Back of the House Areas	Horiz Spec FC/Lux	Horiz. Measure Location at	Horiz Gauge	Vertical FC/Lux	Vertical Measure Location at	Vertical Gauge	Light Source Kelvin color temperature Maximum
Office - Reading / Writing (8-10 pt font)	30 / 300	floor	Avg	7.5 / 75	4' AFF	Avg	4000
Service Area Circulation	5 / 50	floor	Avg	3 / 30	5' AFF	Avg	4000
Kitchen - Food Prep	50 / 500	surface	Min	20 / 200	surface	Avg	4000
Kitchen - Dishwashing	20 / 200	counter	Min	10 / 100	4' AFF	Avg	4000
Kitchen - Food storage Refrigerated & Non	10 / 100	floor	Min	3 / 30	3-5' AFF	Avg	4000
Kitchen - Storage Wares	20 / 200	floor	Min	10 / 100	3-5' AFF	Avg	4000
Cashier	20 / 200	counter	Avg	7.5 / 75	5' AFF	Avg	4000
Employee Cafeteria	20 / 200	table	Avg	5 / 50	4' AFF	Avg	4000
Storage Rooms - Freq Use	10 / 100	floor	Avg	3 / 30	4' AFF	Avg	4000
Storage Rooms - Infreq Use	5 / 50	floor	Avg	2 / 20	4' AFF	Avg	4000
Electrical Closets	10 / 100	floor	Avg	10 / 100	5' AFF	Avg	4000
Mechanical / Elec Rooms	20 / 200	floor	Avg	10 / 100	5' AFF	Avg	4000
Computer Room	20 / 200	floor	Avg	20 / 200	5' AFF	Avg	4000
Janitor Closet	10 / 100	floor	Avg	3 / 30	4' AFF	Avg	4000
Laundry / Linen room	30 / 300	floor	Avg	15 / 150	3-5' AFF	Avg	4000
Receiving/Trash Area - Dock	20 / 200	floor	Avg	3 / 30	4' AFF	Avg	4000
Receiving/Trash Area - Receiving	30 / 300	floor	Avg	10 / 100	4' AFF	Avg	4000
Valet	10 / 100	floor	Avg	5 / 50	5' AFF	Avg	4000

Mexico:

The following table represents the minimum foot-candles/lux levels required within all properties, unless otherwise noted. In the event an area is not listed below, reference the most current version of the Illuminating Engineering Society guidelines (www.ies.org), local codes and/or a professional third party lighting consultant for guidance. Exterior lighting must reference local codes & lighting zone 0-4, fixture BUG ratings requirements IES CH26 Exterior lighting guidelines. Additional lighting requirements can be found in the Fire & Life Safety Section 2516.05.F Egress Lighting.

Surface Parking Areas	Horiz Spec FC/Lux	Horiz. Measure Location at	Horiz Gauge	Vertical FC/Lux	Vertical Measure Location at	Vertical Gauge	Light Source Kelvin color temperature Maximum
Drive Entrances/Porte Cochere	10 / 100	grade	Avg	n/a	n/a	n/a	4000
Drive Lanes	1 / 10	grade	Avg	2 / 20	5' AFG	Avg	5000
Parking Stalls	1 / 10	grade	Avg	2 / 20	5' AFG	Avg	5000
Parking Structures	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Entrances - Canopied	5 / 50	grade	Avg	2 / 20	5' AFG	Avg	4000
Drive Lanes	5 / 50	grade	Avg	n/a	n/a	n/a	5000
Parking Stalls	5 / 50	grade	Avg	n/a	n/a	n/a	5000
Outdoor Miscellaneous	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Exterior Paths & Walkways	5 / 50	grade	Avg	n/a	n/a	n/a	4000
Pet Relief Area	1 /10	grade	Avg	2 / 20	5' AFG	Avg	5000

Guest Areas - Lobby	Horiz Spec FC/Lux	Horiz. Measure Location at	Horiz Gauge	Vertical FC/Lux	Vertical Measure Location at	Vertical Gauge	Light Source Kelvin color temperature Maximum
Lobby Entrance (day)	10 / 100	floor	Avg	3 / 30	5' AFF	Avg	3000
Lobby Entrance (night)	5 / 50	floor	Avg	2 / 20	5' AFF	Avg	3000
Service Desks (Registration,Concierge etc)	20 / 200	top desk	Avg	5 / 50	top desk	Avg	3000
Lobby Guest Circulation	2 / 20	floor	Avg	n/a	n/a	n/a	3000
Guestroom Corridor at Guestroom Entrances - Under Door	10 /100	floor under door lock	Avg	n/a	n/a	n/a	3000
Guestroom Corridor at Guestroom Entrances - door lock	15 / 150	door Lock	Avg	n/a	n/a	n/a	3000
Guestroom Corridor Middle	2 / 20	floor	Min	2 /20	5' AFF	Avg	3000
Restrooms (inside partitions)	5 / 50	floor	Avg	3 / 30	3-5' AFF	Avg	4000
Restrooms (countertop)	15 / 150	at counter top	Avg	20 / 200	3-5' AFF	Avg	4000
Exit Stairs (typical)	5 / 50	floor	Avg	3 / 30	5' AFF	Avg	4000
Elevators - lobby	5 / 50	floor	Avg	3 / 30	5' AFF	Avg	4000
Elevators - cab interior	5 / 50	floor	Avg	3 / 30	5' AFF	Avg	4000
Food and Beverage Outlets	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Dining - Casual	10 / 100	table	Avg	5 / 50	4' AFF	Avg	3000
Dining - Fine	3 / 30	table	Avg	1 / 10	4' AFF	Avg	2700
Dining - 3 meal breakfast	10 / 100	table	Avg	3 /30	4' AFF	Avg	3000
Dining - 3 meal lunch	5 / 50	table	Avg	2 / 20	4' AFF	Avg	3000
Dining - 3 meal dinner	3 / 30	table	Avg	1 / 10	4' AFF	Avg	3000

Café / Grab & Go	10 /100	table	Avg	3 / 30	4' AFF	Avg	3000
Lounge / Bar	4 / 40	bar top	Avg	1.5 / 3	3-5' AFF	Avg	2700
Lounge - Bar	10 / 100	table	Avg	5.5 / 11	5' AFF	Avg	2700
Lounge - Reading / Work Areas	15 / 150	table	Avg	5.5 / 11	4' AFF	Avg	2700
Lounge - Social / Waiting Areas	10 /100	floor	Avg	5.5 / 11	5' AFF	Avg	2700
Executive Lounge	10 /100	table	Avg	3 / 30	4' AFF	Avg	3000
Commercial Facilities	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Specialty retailer - circulation	15 / 150	floor	Avg	5 / 50	5' AFF	Avg	4000
Specialty retailer - general retail	40 / 400	floor	Avg	15 / 150	3-5' AFF	Avg	4000
Specialty retailer - feature displays	120 / 1200	floor	Avg	75 / 750	3-5' AFF	Avg	4000
Specialty retailer - Perimeter	na	na	na	40 / 400	5' AFF	Avg	4000
Business Center - Computer	15 / 150	table	Avg	5 / 50	3' AFF	Avg	3000
Business Center - Print Area	30 / 300	table	Avg	7.5 / 75	3' AFF	Avg	3000
Business Center - Informal Mtg Area	7.5 / 75	table	Avg	4 / 40	4' AFF	Avg	3000
Guest Laundry	30 / 300	floor	Avg	15 / 150	3-5' AFF	Avg	4000
Vending Room /Ice Room	10 / 100	floor	Avg	10 / 100	3-5' AFF	Avg	4000
SPA - Treatment Rooms	1 / 10	floor	Avg	n/a	n/a	n/a	2700
SPA - Changing Rooms	5 / 50	floor	Avg	10 / 100	5' AFF	Avg	2700
SPA - Make-up Stations	30 / 300	floor	Avg	30 / 300	4' AFF	Avg	2700
SPA - Manicures (hand rest)	50 / 500	hand rest	Avg	15 / 150	4' AFF	Avg	2700
SPA - Pedicures (foot rest)	50 / 500	foot rest	Avg	15 / 150	4' AFF	Avg	2700
SPA - Salon (Barber)	50 / 500	4' AFF	Avg	30 / 300	4' AFF	Avg	2700

Meeting Facilities	Horiz Spec FC/Lux	Horiz. Measure Location at	Horiz Gauge	Vertical FC/Lux	Vertical Measure Location at	Vertical Gauge	Light Source Kelvin color temperature Maximum
Pre-Function Area - Circulation	5 / 50	floor	Avg	1.5 / 15	5' AFF	Avg	3000
Pre-Function Area - No Event Off Hrs	5 / 50	floor	Avg	1.5 / 15	5' AFF	Avg	3000
Pre-Function Area - Registration Table	20 / 200	table	Avg	3 / 30	4' AFF	Avg	3000
Pre-Function Area - Social Function	10 / 100	floor	Avg	4 / 40	4' AFF	Avg	3000
Ballrooms - Casual	20 / 200	floor	Avg	5 / 50	4' AFF	Avg	3000
Ballrooms - Formal (Business)	15 / 150	floor	Avg	4 / 40	4' AFF	Avg	3000
Ballrooms - Formal (Evening)	7.5 / 75	floor	Avg	2 / 20	4' AFF	Avg	3000
Ballrooms - Exhibition (show)	50 / 500	floor	Avg	20 / 200	3' AFF	Avg	4000
Meeting Rooms/Boardroom	40 / 400	table	Avg	15 / 150	4' AFF	Avg	3000
Recreational Areas	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Swimming Pool/Whirlpool (Deck/Indoor)	15 / 150	floor	Avg	2 / 20	5' AFF	Avg	4000
Swimming Pool/Whirlpool (Outdoor)	1 / 100	grade	Avg	2 / 20	5' AFG	Avg	4000
Swimming Pool (Indoor)	15 / 150	floor	Avg	2 / 20	5' AFF	Avg	3000
Swimming Pool (Water Surface)	30 / 300	water surface	Avg	n/a	5' AFG	Avg	3000
Swimming Pool (Under Water)	15 / 150	underwater	Avg	n/a	n/a	n/a	3000
Sport/Tennis Court	20-300/200-300	playing surface	Grade	10-20/100-200	4-5' AFF	n/a	4000
Sauna	10 / 100	floor	Avg	3 / 30	3-5' AFF	Avg	4000

Steam Room	10 / 100	floor	Avg	3 / 30	3-5' AFF	Avg	4000
Locker Room (general)	10 / 100	floor	Avg	3 / 30	3-5' AFF	Avg	4000
Locker Room (Countertop)	2 / 20	counter	Avg	20 / 200	3-5' AFF	Avg	4000
Locker Room - top plumbing fix	10 / 100	top of fixture	Avg	3 / 30	3-5' AFF	Avg	4000
Locker Room - Showers	10 / 100	floor	Avg	5 / 50	3-5' AFF	Avg	4000
Fitness Center - Aerobics	40 / 400	floor	Avg	4 / 40	3-5' AFF	Avg	3000
Fitness Center - Strength Trng	40 / 400	floor	Avg	15 / 150	3-5' AFF	Avg	3000
Fitness Center - Yoga	15 / 150	floor	Avg	10 / 100	3-5' AFF	Avg	3000
Fitness Center - Personal Trng	40 / 400	floor	Avg	15 / 150	3-5' AFF	Avg	3000
Guestrooms/Suites	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Floor (general)	2 / 20	floor	Avg	n/a	n/a	n/a	2700
Pillow (reading)	20 / 200	at pillow	Avg	10 / 100	3' AFF	Avg	2700
Tabletops/Counters	20 / 200	table	Avg	n/a	n/a	n/a	2700
Seating Areas (Casual)	15 / 150	2'6" AFF	Avg	5 / 50	3-5' AFF	Avg	2700
Closet (dedicated or foyer source)	10 / 100	shelf face / 6' AFF	Avg	5 / 50	shelf face	Avg	2700
Entrance / Foyer	5 / 50	floor	Avg	1 / 10	5' AFF	Avg	2700
Desk	20 / 200	desk	Avg	3 / 30	4' AFF	Avg	2700
Dining Table	20 / 200	table top	Avg	3 / 30	4' AFF	Avg	2700
Kitchenette	50 / 500	prep surf	Min	20 / 200	prep surf	Avg	2700
Guest Bathrooms	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Vanity Top	40 / 400	vanity top	Avg	30 / 300	5' AFF	Avg	3000

Tub/Shower (with shower curtain closed)	5 / 50	tub	Avg	2 / 20	3-5' AFF	Avg	3000
Water Closet Seat	20 / 200	toilet seat	Avg	1.5 / 15	3-5' AFF	Avg	3000
Back of the House Areas	**Horiz Spec FC/Lux**	**Horiz. Measure Location at**	**Horiz Gauge**	**Vertical FC/Lux**	**Vertical Measure Location at**	**Vertical Gauge**	**Light Source Kelvin color temperature Maximum**
Office - Reading / Writing (8-10 pt font)	30 / 300	floor	Avg	7.5 / 75	4' AFF	Avg	4000
Service Area Circulation	5 / 50	floor	Avg	3 / 30	5' AFF	Avg	4000
Kitchen - Food Prep	50 / 500	surface	Min	20 / 200	surface	Avg	4000
Kitchen - Dishwashing	20 / 200	counter	Min	10 / 100	4' AFF	Avg	4000
Kitchen - Food storage Refrigerated & Non	10 / 100	floor	Min	3 / 30	3-5' AFF	Avg	4000
Kitchen - Storage Wares	20 / 200	floor	Min	10 / 100	3-5' AFF	Avg	4000
Cashier	20 / 200	counter	Avg	7.5 / 75	5' AFF	Avg	4000
Employee Cafeteria	20 / 200	table	Avg	5 / 50	4' AFF	Avg	4000
Storage Rooms - Freq Use	10 / 100	floor	Avg	3 / 30	4' AFF	Avg	4000
Storage Rooms - Infreq Use	5 / 50	floor	Avg	2 / 20	4' AFF	Avg	4000
Electrical Closets	10 / 100	floor	Avg	10 / 100	5' AFF	Avg	4000
Mechanical / Elec Rooms	20 / 200	floor	Avg	10 / 100	5' AFF	Avg	4000
Computer Room	20 / 200	floor	Avg	20 / 200	5' AFF	Avg	4000
Janitor Closet	10 / 100	floor	Avg	3 / 30	4' AFF	Avg	4000
Laundry / Linen room / Housekeeping & Linen - Uniform Storage	30 / 300	floor	Avg	15 / 150	3-5' AFF	Avg	4000
Receiving/Trash Area - Dock	20 / 200	floor	Avg	3 / 30	4' AFF	Avg	4000
Receiving/Trash Area - Receiving / Trash Collection Rooms	30 / 300	floor	Avg	10 / 100	4' AFF	Avg	4000
Valet	10 / 100	floor	Avg	5 / 50	5' AFF	Avg	4000

2514.08.J Lighting

2514.08.J.1 All interior and exterior light bulbs on property must be light-emitting diodes (LED) and adhere to 2514.08.I, the minimum foot-candles chart, and be ENERGY STAR labeled or DLC listed or CE or CCC marked or marked with other equivalent certification. Transition to LED must be completed by hotel area; non-LED and LED bulbs must not be used in the same hotel area.

2514.08.J.2 **Canada | United States:** Surface mount strip fixtures are not permitted in any guest area and back office areas.
Mexico: Surface mount strip fluorescent fixtures are not permitted (including vending, guest laundry, business center, etc.).

2514.08.J.3 **Canada | United States:** Recessed fluorescent fixtures used in meeting rooms and fitness centers must be the indirect style fixture.
Mexico:

Provide indirect lighting in all meeting rooms and fitness centers.

2514.08.J.4 Compact fluorescent lamps (CFLs) must not require warm up time for brightness. They must be instant-start and flicker-free.

2514.08.K Power Density and Lighting Efficiency

2514.08.K.1 **Canada | United States:** Comply with ASHRAE Standard 90.1 (www.ashrae.org) or applicable Energy Codes. Submit written documentation to Hilton to show compliance with the applicable energy codes and that all fixtures have a safety listing by a nationally recognized testing laboratory, e.g. CE, ETL, ISI, UL, VDE.
Mexico: Comply with ASHRAE Standard 90.1 (www.ashrae.org) or applicable Energy Codes. Submit written documentation to Hilton to show compliance with the applicable energy codes and that all fixtures are UL listed.

2514.08.K.2 All lighting must meet Correlated Color Temperature (CCT) of 2700-4000 Kelvin as defined in 2514.08.I the and Color Rendering Index (CRI) minimum of 80.

2514.08.L Controls

2514.08.L.1 Conceal from guest views unless noted otherwise.

2514.08.L.2 Service corridors: Switch from local panels whenever practical.

2514.08.L.3 **Canada | United States:** Lobby area and dining seating area: programmable dimmer control allowing a minimum of three scene settings.
Mexico: Lobby: dimmer control (from HUB where applicable), programming must allow minimum of three settings

2514.08.L.4 Meeting rooms/boardrooms/complimentary area: dimmer control with local bypass switching

2514.08.L.5 General interior lighting: switch locally

2514.08.L.6 Stairway and exit lights: switch from panels

2514.08.L.7 Guest corridors: switch at panel located in electrical closet

2514.08.L.8 Public areas: Control from back-of-house areas

2514.08.M BOH Electrical Lamp Protection

Back-of-house electrical lamps must be protected by lens or safety tube covers.

2514.08.N Labeling Electrical Panels and Equipment Circuits

Electrical panels and equipment circuits must be labeled.

2514.08.O Motion-sensored Light Fixtures

Canada | United States: Motion-sensored light fixtures are allowed in the back-of-house spaces. Motion-sensored light fixtures are not allowed in guestrooms unless required by local code. Motion-sensor controls in public areas when required by code may not include a manual override control that can be operated by a guest. The motion sensors must be located to sense motion in all areas of the space.

Mexico: Motion-sensored light fixtures are allowed in the back-of-house locked spaces. Motion-sensored light fixtures are not allowed in guestrooms unless required by local code.

2514.09 Technology

2514.09.A Wiring Requirements

Refer to Section 2518.00, Technology Wiring Standards, for specific requirements regarding voice, data, television and the Property Management System wiring.

2514.09.B Telephone

2514.09.B.1 Comply with the specifications provided in Section 712.00 - Telephones.

2514.09.C Internet Access Location Requirements

Internet access must be provided in the following areas. The type of internet access listed must be provided as a minimum. Additional types are allowed. See Section 710.00 - Internet Access for specific requirements.

2514.09.C.1 Guestroom - wireless required; wired optional

2514.09.C.2 **Canada | United States:** Lobby - wireless (includes Breakfast Area)
Mexico: Lobby - wireless (includes Welcome HUB, Bar, Flex Lounge, Living Social, and Dining Zones)

2514.09.C.3 Meeting rooms - wireless

2514.09.C.4 **Canada | United States:** Boardroom - wireless
Mexico: Boardroom (if provided) - wireless

2514.09.C.5 **Canada | Puerto Rico | United States:** Business Center (renovations only) - wired for business center equipment; wireless for guests.
Mexico: Guest Workstations (Living Social Zone) - wired for equipment

2514.09.C.6 Not Applicable to this Brand

2514.09.C.7 Not Applicable to this Brand

2514.09.C.8 Not Applicable to this Brand

2514.09.C.9 Not Applicable to this Brand

2514.09.C.10 Not Applicable to this Brand

2514.09.C.11 Not Applicable to this Brand

2514.09.C.12 Not Applicable to this Brand

2514.09.C.13 Not Applicable to this Brand

2514.09.C.14 Not Applicable to this Brand

2514.09.C.15 Not Applicable to this Brand

2514.09.C.16 Not Applicable to this Brand

2514.09.C.17 Not Applicable to this Brand

2514.09.C.18 Not Applicable to this Brand

2514.09.C.19 **Canada | United States:**

Team Member Facilities

Mexico: Team Member Back of House Areas

2514.09.D Television

2514.09.D.1 **Canada:** Televisions must comply with the specifications listed below and those provided in Section 713.00:

- Widescreen (16:9) HDTV screen
- At least 4k vertical resolution
- Support MPEG4 decoding
- Digital tuners and/or decryption capable of receiving HD Free to Guest TV content in the country in which the hotel is located (e.g., QAM/DVB-T/DVB-C/DVB-T2/MPEG-4/Pro:Idiom/Digital Rights Management). Hotels installing Connected Room simultaneously with the new TV's may rely on the Edge Controller for decryption (i.e., Pro:Idiom is not required in the television) and must choose an approved model. See HiltonHDTV.com for a list of approved TV's.
- C.E./U.L. (CCC in China) listed for commercial/hospitality use.
- All new televisions must be equipped with a serial communication data port based on the country in which the hotel is located (e.g., Multiple Protocol Interface/Multiple Television Interface (MPI/MTI data port), RS232, RJ12, 3.5mm auxiliary, etc.).
- Power and cable outlets and cords must be concealed from view behind the television. Cords must be tidy and concealed using cable management.
- Interactive Program Guide (IPG) is required in guestrooms. Connected Room satisfies this requirement.
- LG or Samsung Television is required.
- Hotels using coaxial cable can purchase a standard (non-Smart) hospitality model. At this time, hotels using CAT6/IPTV should purchase Smart TV's unless they are simultaneously installing Connected Room. Contact HSM or the vendors directly for a price quote.

Mexico: Televisions must comply with the specifications listed below and those provided in Section 713.00:

- Widescreen (16:9) HDTV screen
- At least 4k vertical resolution
- Minimum of two (2) HDMI ports
- Support MPEG4 decoding
- Digital tuners and/or decryption capable of receiving HD Free to Guest TV content in the country in which the hotel is located (e.g., QAM/DVB-

T/DVB-C/DVB-T2/MPEG-4/Pro:Idiom/Digital Rights Management). Hotels installing Connected Room simultaneously with the new TV's may rely on the Edge Controller for decryption (i.e., Pro:Idiom is not required in the television) and must choose an approved model. See HiltonHDTV.com for a list of approved TV's.
• C.E./U.L. (CCC in China) listed for commercial/hospitality use.
• All new televisions must be equipped with a serial communication data port based on the country in which the hotel is located (e.g., Multiple Protocol Interface/Multiple Television Interface (MPI/MTI data port), RS232, RJ12, 3.5mm auxiliary, etc.).
• Power and cable outlets and cords must be concealed from view behind the television or using cable management.
• Interactive Program Guide (IPG) is required in guestrooms. Connected Room satisfies this requirement.
• In countries where Connected Room is available, LG or Samsung television is required.
• Hotels using coaxial cable can purchase a standard (non-Smart) hospitality model. At this time, hotels using CAT6/IPTV should purchase Smart TV's unless they are simultaneously installing Connected Room. Contact HSM or the vendors directly for a price quote.

United States: Televisions must comply with the specifications listed below and those provided in Section 713.00:
• Widescreen (16:9) HDTV screen
• At least 4k vertical resolution
• Minimum of two (2) HDMI ports
• Support MPEG4 decoding
• Digital tuners and/or decryption capable of receiving HD Free to Guest TV content in the country in which the hotel is located (e.g., QAM/DVB-T/DVB-C/DVB-T2/MPEG-4/Pro:Idiom/Digital Rights Management). Hotels installing Connected Room simultaneously with the new TV's may rely on the Edge Controller for decryption (i.e., Pro:Idiom is not required in the television) and must choose an approved model. See HiltonHDTV.com for a list of approved TV's.
• C.E./U.L. (CCC in China) listed for commercial/hospitality use.
• All new televisions must be equipped with a serial communication data port based on the country in which the hotel is located (e.g., Multiple Protocol Interface/Multiple Television Interface (MPI/MTI data port), RS232, RJ12, 3.5mm auxiliary, etc.).
• Power and cable outlets and cords must be concealed from view behind the television. Cords must be tidy and concealed using cable management.
• Interactive Program Guide (IPG) is required in guestrooms. Connected Room satisfies this requirement.
• LG or Samsung Television is required.
• Hotels using coaxial cable can purchase a standard (non-Smart) hospitality model. At this time, hotels using CAT6/IPTV should purchase Smart TV's unless they are simultaneously installing Connected Room. Contact HSM or the vendors directly for a price quote.

2514.09.D.1.a **Canada:**

Televisions must comply with the sizes listed below:

Lobby - Minimum 55" commercial HDTV in each required zone/area

Bar - Minimum 55" commercial HDTV
Boardroom - Minimum 55" commercial HDTV, when a Boardroom is provided
Fitness Center - Minimum 55" commercial HDTV
Guestroom - Minimum 55" commercial LG or Samsung HDTV in the bedroom and living area (in suites)
Refer to the HDTV website (www.hiltonhdtv.com) for additional information.
Employee Breakroom - Dependent upon size of room.
The television must be easily viewable from all locations.
If the television is not easily viewable from all locations, hotel must install one or more additional televisions of the same size.

LG and Samsung are the only television brands certified to work with Connected Room.

Mexico:

Televisions must comply with the sizes listed below:

Living Zone, Gathering Zone, and bar (if applicable) - 55" commercial HDTV
Meeting Rooms - Minimum 60" commercial HDTV
Board Room - Minimum 60" commercial HDTV, when a Boardroom is provided
Fitness Center - Minimum 55" commercial HDTV
Guestroom - Minimum 55" commercial HDTV in the bedroom and living area (in suites)
Refer to the HDTV website (www.hiltonhdtv.com) for additional information.
Employee Breakroom - Dependent upon size of room.
The television must be easily viewable from all locations. If the television is not easily viewable from all locations, hotel must install one or more additional televisions of the same size.
Relaxation Room - Same size used in the Employee Breakroom.

LG and Samsung are the only television brands certified to work with Connected Room.

United States: Televisions must comply with the sizes listed below:

Lobby - Minimum 55" commercial HDTV in each required zone/area
Bar - Minimum 55" commercial HDTV

Boardroom - Minimum 55" commercial HDTV, when a Boardroom is provided
Fitness Center - 55" commercial HDTV
Guestroom - Minimum 55" commercial LG or Samsung HDTV in the bedroom and living area (in suites)
Internet Protocol TV (IPTV) is permitted if the following conditions are met:
UnoNet must be installed prior to opening.
Connected Room must be installed prior to opening.
Hotel must purchase Smart TVs. Hotels installing Connected Room simultaneously with the new TVs may rely on the Edge Controller (i.e., Smart TVs are not required) and must choose an approved model. See www.hiltonhdtv.com for a list of approved TVs.
Hotel must use an approved GFT Program vendor. Refer to the HDTV website (www.hiltonhdtv.com) for additional information.
Employee Breakroom - Dependent upon size of room.
The television must be easily viewable from all locations. If the television is not easily viewable from all locations, hotel must install one or more additional televisions of the same size.

2514.09.D.2 Televisions must be connected to a master antenna system or cable that is capable of passing high definition (HD) content to all televisions.

2514.09.D.3 **Canada | United States:** Guestroom televisions must be attached to a pull-out pivot mount securely attached to a casegood panel attached to the wall. Sufficient blocking must be provided to ensure that the television mount and casework are not easily pulled off the wall.
Mexico: Guestroom televisions must be attached securely to a swivel base or mount.

2514.09.D.4 Not Applicable to this Brand

2514.09.D.5 **Canada | United States:** Televisions are not permitted to be directly mounted onto the wall.
Mexico: Wall-mounted televisions are allowed on non-demising walls. If mounted on demising walls, it must be pre-approved unless shown on prototype. Sufficient blocking must be provided to ensure that the television/mount is not easily pulled off of the wall.

2514.09.D.6 Not Applicable to this Brand

2514.09.D.7 **Canada | Mexico:** If a set-top box is required with the television, it must be hidden from view and space for it included in the design of the furniture supporting the television.

2514.09.D.8 Not Applicable to this Brand

2514.09.D.9 Not Applicable to this Brand

2514.09.D.10 **Canada:** Connected Room will require the removal of all other video-on-demand (VOD), casting (e.g., Chromecast), Smart TV streaming apps, and "over-the-top" (streaming) content (e.g., Netflix, Hulu, Amazon Prime Video, etc.) services. Hotels that currently have these services are encouraged to remove them at the time of contract or waiver expiration.

If the hotel provides on-demand content, the following standards apply:
ADULT CONTENT

Adult content is not permitted.
BLOCKED SERVICES
When on-demand content is available, system infrastructure must include functionality that allows guests to block some or all on-demand content.
Mexico: In countries where Connected Room is available, the hotel will have to remove of all other video-on-demand (VOD), casting (e.g., Chromecast), Smart TV streaming apps, and "over-the-top" (streaming) content (e.g., Netflix, Hulu, Amazon Prime Video, etc.) services. Hotels that currently have these services are encouraged to remove them at the time of contract or waiver expiration.

If the hotel provides on-demand content, the following standards apply:
ADULT CONTENT
Adult content is not permitted.
BLOCKED SERVICES
When on-demand content is available, system infrastructure must include functionality that allows guests to block some or all on-demand content.
United States: Connected Room is the Brand-approved interactive services solution. Other video-on-demand (VOD), casting (e.g., Chromecast, Sonifi Staycast), Smart TV streaming apps, or "over-the-top" (streaming) content (e.g., Netflix, Hulu, Amazon Prime Video, etc.) services are not permitted. Hotels that currently have these services must remove them at the time of contract or waiver expiration.

If the hotel provides on-demand content, the following standards apply:
ADULT CONTENT
Adult content is not permitted.
BLOCKED SERVICES
When on-demand content is available, system infrastructure must include functionality that allows guests to block some or all on-demand content.

2514.09.E Sound System

2514.09.E.1 Distributed audio (background music) is required in the following areas.

2514.09.E.1.a Not Applicable to this Brand

2514.09.E.1.b Porte cochere

2514.09.E.1.c **Canada | United States:** Lobby

2514.09.E.1.d **Mexico:** Welcome Zone

2514.09.E.1.e **Mexico:** HUB Zone

2514.09.E.1.f **Mexico:** Flex Lounge Zone

2514.09.E.1.g **Mexico:** Living Social Zone

2514.09.E.1.h **Canada | United States:** Breakfast Area
Mexico: Dining Zone

2514.09.E.1.i Not Applicable to this Brand

2514.09.E.1.j Not Applicable to this Brand

2514.09.E.1.k Not Applicable to this Brand

2514.09.E.1.l Not Applicable to this Brand

2514.09.E.1.m Not Applicable to this Brand

2514.09.E.1.n Not Applicable to this Brand

2514.09.E.1.o Not Applicable to this Brand

2514.09.E.1.p Not Applicable to this Brand

2514.09.E.1.q Elevator lobby (first floor)

2514.09.E.1.r Not Applicable to this Brand

2514.09.E.1.s Not Applicable to this Brand

2514.09.E.1.t Not Applicable to this Brand

2514.09.E.1.u Not Applicable to this Brand

2514.09.E.1.v Not Applicable to this Brand

2514.09.E.1.w Not Applicable to this Brand

2514.09.E.1.x Not Applicable to this Brand

2514.09.E.1.y Not Applicable to this Brand

2514.09.E.1.z Not Applicable to this Brand

2514.09.E.1.aa Not Applicable to this Brand

2514.09.E.1.bb Team Member Back of House Area

2514.09.E.2 Volume must be controllable by guests in the meeting rooms and fitness center when provided.

2514.09.E.3 Not Applicable to this Brand

2514.09.E.4 A wireless solution is acceptable for existing hotels.

2514.09.E.5 Brand approved music must be provided. Contact the Brand Performance Support Advice team for more information.

2514.09.F Not Applicable to this Brand

2514.09.G Emergency Communication

2514.09.G.1 All properties must have emergency telephones/communications.

2514.09.G.2 Dedicated emergency telephones are to be installed in the following areas:

2514.09.G.2.a Self-park parking garages -- one minimum per level

2514.09.G.2.b Within each elevator/lift including service elevators/lifts.

2514.09.G.2.c Not Applicable to this Brand

2514.09.G.2.d Not Applicable to this Brand

2514.09.G.2.e Not Applicable to this Brand

2514.09.G.2.f Fitness Center

2514.09.G.2.g Swimming Pool

2514.09.G.3 Not Applicable to this Brand

2514.09.G.4 **Mexico:** Dedicated panic buttons are to be installed in the following areas:

2514.09.G.4.a Not Applicable to this Brand

2514.09.G.4.b Not Applicable to this Brand

2514.09.G.4.c **Mexico:** Cash handling areas

2514.09.G.4.d **Mexico:** Areas of potential gas release

2514.09.G.4.e Not Applicable to this Brand

2514.09.G.4.f **Mexico:** Human Resources

2514.09.H Not Applicable to this Brand

2514.09.I Security Systems

2514.09.I.1 With regard to the installation of a surveillance system, a security assessment must be performed to establish the best solution and proportionate requirements of such systems based on local guidelines and risk.

2514.09.I.2 Security Alarm System

2514.09.I.2.a Not Applicable to this Brand

2514.09.I.2.b **Canada | United States:** Manually activated silent alarms are required for the human resources office (if provided), front office (if provided), restaurant cashier positions and other non-concessionaire fixed outlets handling cash, sauna (if provided), steam room (if provided), areas of potential gas release and front desk at each workstation. The signals from these devices are to be wired where applicable to an alarm annunciator panel located at a constantly monitored position such as a security dispatch office or PBX. Alternatively, the signal must go to off premises to a central station alarm monitoring service or law enforcement department. Alarm annunciator must indicate the location and type of alarm by visible and audible signal.

Mexico: Manually activated silent alarms (money-clip or panic button) are required for the human resources office, front office (if provided), restaurant cashier positions and other non-concessionaire fixed outlets handling cash, areas of potential gas release. The signals from these devices are to be wired to an alarm annunciator panel located at a constantly monitored position such as a security dispatch office or PBX. Signals must have the capability to go off premises to a central station alarm monitoring service or law enforcement department, if available.

Alarm annunciator must indicate the location and type of alarm by visible and audible signal and have a printer to record the activity including date and time.

2514.09.I.2.c Not Applicable to this Brand

2514.09.I.2.d Not Applicable to this Brand

2514.09.I.2.e Security door contacts and silent alarm buttons will automatically activate the nearest surveillance camera solution systems into full event recording. Where the surveillance camera solution systems is a PTZ it will automatically pan to this area and begin motion monitoring of the event.

2514.09.I.2.f Device activation will trigger on screen alerts via the surveillance camera solution systems station. Alerts will automatically associate with surveillance images where applicable.

2514.09.I.3 Surveillance Camera Solution

Where cameras are installed, monitors may not be mounted in any area of the hotel within view of guests. Monitors are permitted at the front desk, but must have a built in appearance and not within view of guests.

2514.09.I.3.a Not Applicable to this Brand

2514.09.I.3.b Not Applicable to this Brand

2514.09.I.3.c Not Applicable to this Brand

2514.09.I.3.d If the surveillance camera solution is deemed not capable of adhering to Hilton security guidelines, the property must replace the current surveillance camera solution with an approved one. Surveillance camera solutions that are end of life, based on manufacturer's guidelines, must also be replaced to meet current IT Security standards.

2514.09.J Door Alarms

2514.09.J.1 Door alarm devices are to be installed to detect the opening of certain doors whose use is restricted to authorized personnel or specific times. Door alarm devices (magnetic contacts) or motion detectors (infrared or ultrasonic detectors) are required for:

2514.09.J.1.a Stairway doors at the exit level from the hotel

2514.09.J.1.b All roof doors or hatches

2514.09.J.1.c General cashier's office

2514.09.J.1.d Primary food and beverage storeroom(s) and operating equipment storage

2514.09.J.1.e Porte cochere (to monitor traffic and entrance activity)

2514.09.J.1.f

Grade level exit doors that open to the outside of the hotel:

1. Kitchen exit doors (local alarms must be added to deter use)

2. Meeting room doors

3. Back-of-house doors

2514.10 Guardrails

Canada | United States: Provide guardrails at all grading differences over 30"/76 cm. Railings must be a minimum of 42”/1.1 m in height and must have intermediate rails or ornamental pattern such that a 4”/100 mm diameter sphere is not able to pass through and that children cannot climb (i.e. horizontal rails). Surfaces of exterior guardrail and handrail systems must be of a rust-free finish and powder-coated steel as a minimum. A guardrail 42”/1.1 m high from the top of the furniture is required in areas where immobile furniture is placed adjacent to guardrails/half walls and the furniture can be used as a step.

Mexico: Provide guardrails at all grading differences over 30"/76 cm. Railings must be a minimum of 42”/1.1 m in height and must have intermediate rails or ornamental pattern such that a 4”/100 mm diameter sphere is not able to pass through and that children cannot climb (i.e. horizontal rails). A guardrail 42”/1.1 m high from the top of the furniture is required in areas where furniture is placed adjacent to guardrails/half walls and the furniture can be used as a step.

2514.11 Hazardous Materials

Materials are not allowed if they pose potential harm to guests or team members or to the environment. Materials are considered harmful if they have the potential to fail in practice, either during their installation or during their life including long-term disposal or degradation. The following materials are not recommended for use. They include, but are not limited to, the following:

2514.11.A Deleterious Materials

2514.11.A.1 Asbestos

2514.11.A.2 CFCs

2514.11.A.3 Crystalline silica

2514.11.A.4 Formaldehyde

2514.11.A.5 Lead

2514.11.A.6 Man-made mineral fibers

2514.11.A.7 Polychlorinated biphenyls (PCBs)

2514.11.A.8 Vermiculite

2514.11.A.9 Volatile organic compounds (VOCs)

2514.11.A.10 Wood preservatives

2514.11.A.11 Brick slips and brick panels

2514.11.A.12 Calcium chloride

2514.11.A.13 Calcium silicate brickwork

2514.11.A.14 Cem-fil

2514.11.A.15 High alumina cement (HAC) concrete

2514.11.A.16 Mundic

2514.11.A.17 Sea dredged aggregates

2514.11.A.18 Wood wool slabs or wood wool cement boards

2514.11.B Problematic Materials

2514.11.B.1 Cement fiber slates

2514.11.B.2 Composite panels

2514.11.B.3 Galvanized steel wall tiles

2514.11.B.4 Hollow clay pot floors

2514.11.B.5 Nickel sulphides

2514.11.B.6 RAAC planks

2514.11.B.7 Tesserae

2514.11.B.8 Thin stone panels

2514.11.C Other Materials

2514.11.C.1 Hair plaster

2514.11.C.2 Masonry and steel—coke breeze/furnace ash and filler joist construction, “Regent Street Disease”

2515.00 Furnishings, Fixtures and Equipment

Additional requirements for the guestrooms are located in Section 2510.00.

2515.00.A Not Applicable to this Brand

2515.01 Furniture

2515.01.A Soft Good/Casegood Replacement Cycles

Furniture and its hardware must be manufacturer's commercial furniture or better.

2515.01.B Furniture

2515.01.B.1 Not Applicable to this Brand

2515.01.B.2 General Construction

2515.01.B.2.a Joints must be splined, mortised and tenoned, tongued or doweled, or full length blocked, glued and screwed in two directions, following the best practice of commercial construction. All work must be carefully corner-blocked, well fitted, glued and reinforced with wood screws. Adhesives must comply with any indoor air quality regulations during the manufacturing and end use.

2515.01.B.2.b All excess glue must be cleaned from surfaces exposed during normal use.

2515.01.B.2.c Not Applicable to this Brand

2515.01.B.2.d All screws must be turned in, in such a way as to not strip the hole or the screw head, and not split or swell the joining member.

2515.01.B.2.e All plastic laminate tops must be surfaced with high pressure laminate with a minimum 45 lb/20 kg density industrial grade particle board core with fine face particles and proper backing sheet to prevent warping. Tops must be laminated using contact, semi-rigid (PVAC) or rigid (ureas, resorcinol) adhesives to provide for type two bonding. All plastic laminate tops must be an exact match to the veneers. A sample must be presented to Hilton for approval.

2515.01.B.2.f All post laminated veneer edges must be 3-ply face/double crossed veneer construction, no less than 1.3 mm thickness.

2515.01.B.2.g Solid wood panels must float within the frames of doors or drawer fronts.

2515.01.B.2.h Off-the-floor cases over 60”/1.5 m in length must have turn-buckles or center support.

2515.01.B.2.i Caster blocks are to be glued and attached with screws.

2515.01.B.2.j Double lagged leg bolts and leg stretchers must be utilized on all desks.

2515.01.B.2.k Where natural stone, granite or similar approved tops are specified, a sub-top of 1/2"/12.0 mm (minimum) plywood must be provided.

2515.01.B.2.l Where glass tops are used, they must be securely fitted to the base and must not be loose.

2515.01.B.3 Material Requirements

2515.01.B.3.a **Canada | United States:** Endangered wood species are not permitted.
Mexico: Endangered wood species are not permitted. Melamine is not permitted.

2515.01.B.3.b Casegoods must be of good quality with solid timber edge bands, veneered interiors, etc. and kiln dried with minimum moisture levels depending on species.

2515.01.B.3.c Type or species of veneer must be spelled out on all factory quotes. All face veneers and balancing back veneers must be applied with waterproof glue under controlled pressure.

2515.01.B.3.d Minimum veneer thickness is 0.06 cm/0.61 mm.

2515.01.B.3.e Not Applicable to this Brand

2515.01.B.3.f Back panels must be glued and securely fastened by screws or gun staples. Fasteners must be flush with outside back and must not swell, split or protrude through finished surfaces.

2515.01.B.3.g Optional wooden dust bottoms must have one good side, with the good side exposed when the drawer is removed.

2515.01.B.3.h Top edges of drawer sides and backs must be sanded flat with beveled edges and rounded bottom and covered with a clear sealer coat and finished with a catalyzed top coat. Discoloration, mineral streaks and excessive machine marks will not be permitted. Glued-up stock must match in color.

2515.01.B.3.i **Canada | United States:** Drawers must be well sealed on the inside backs, fronts, side partitions, bottoms, outside sides and backs. They must be free of dirt, dust, glue or any foreign matter prior to rubbing, waxed with the required material and wiped dry to remove sand and sealer dust. Manufacturer to provide heavy duty commercial ball bearing drawer glides with stops at 2/3 the depth of the drawer. Soft close

hardware required for all guestroom drawers.
Mexico: Drawers must be well sealed on the inside backs, fronts, side partitions, bottoms, outside sides and backs. They must be free of dirt, dust, glue or any foreign matter prior to rubbing, waxed with the required material and wiped dry to remove sand and sealer dust. Manufacturer to provide heavy duty commercial ball bearing drawer glides with stops at 2/3 the depth of the drawer.

2515.01.B.3.j Dovetails must be well glued, fitted, puttied if necessary, and sanded.

2515.01.B.3.k **Canada | United States:** Drawers must have hardwood or 7-ply veneer sides and backs finished smooth with a clear sealer coat and a catalyzed top coat. All joints must be multi dovetail or linear (English) dovetail. Drawer bottoms must be plywood, and in all cases must be contained in dadoes on all four sides; glue-blocked in place to assure continuing squareness. Drawer inside must be stained and finished with a catalyzed top coat.
Mexico: Drawers must have hardwood or 7-ply veneer sides and backs finished smooth with a clear sealer coat and a catalyzed top coat. All joints must be multi dovetail or linear (French) dovetail. Drawer bottoms must be plywood, and in all cases must be contained in dadoes on all four sides; glue-blocked in place to assure continuing squareness. Drawer inside must be stained and finished with a catalyzed top coat.

2515.01.B.3.l All exposed metal must be of a gauge appropriate to piece and have no visible welded joints. Metal finishes must have clear enamel matte coating, clear rust inhibitor, baked enamel, or powder coated finish for humidity protection to prevent rust and corrosion. Manufacturer to ensure materials are non-corrosive and suitable for use in high humidity and salt air locations as required.

2515.01.B.3.m The hardwood plywood must be constructed as specified. Bondage must be Type 2 or better, and face and back veneers must not be less than 1/32”/79 mm to 1/42”/56 mm thick before sanding. When face and back veneers are not of the same species, the two veneers must be of the same density and thickness.

2515.01.B.3.n Face veneers must be Grade 1 flat cut quartered veneers. All face veneers in one panel must be matched for color and grain to present a uniform appearance. This requirement applies to all paneled surfaces which can be viewed in normal position of use and, in addition, the back of the desk, top side of shelves and the interior of bookcases and various other visible compartments and surfaces.

2515.01.B.3.o Face side of drawer bottoms or mirror backs and various other unexposed surfaces must be Grade II or better, and may be rotary cut veneers.

2515.01.B.3.p Veneer cores must be Grade II or better and any voids at panel edges must be fitted. The entire exposed edge of the core must be banded with the same kind of wood as other exposed parts.

2515.01.B.3.q Back of drawer bottoms must be Grade III or better. Lumber core panels must be regular grade except that no butt joints or knots in excess of 1.2”/12.5mm diameter will be permitted.

2515.01.B.3.r Crossbands must not be less than 1/32”/79 mm thick and must be Grade II or better.

2515.01.B.3.s Crossbands, veneer cores and lumber cores must be of medium or low-density wood.

2515.01.B.3.t Not Applicable to this Brand

2515.01.B.3.u Rattan/Wicker: Skin off is required to allow stain to be absorbed evenly and lacquer to protect the finish. Skin on is a natural finish and requires a sealer to maintain natural color.

2515.01.B.3.v Wood particleboard cores must conform to commercial standards Type I, Grade B, Class II.

2515.01.B.3.w Tops must be particle board if they are core or veneer banded on all four edges and do not have an unsupported span of more than 25"/635 mm. Tops with unsupported spans of 30”/760 mm or more must have anti-snag strips or backing sheets.

2515.01.B.3.x No exposed particle board will be allowed in any furnishings. This includes routed and stained edges on tops.

2515.01.B.3.y Lock-mitered cases must have core bands on fronts and backs of particle board.

2515.01.B.3.z Particle board is allowed to be used in doors if it is banded on four sides.

2515.01.B.3.aa Hardware must have applied rust-proof and tarnish-proof sealers.

2515.01.B.3.bb **Canada | United States:** Casegood edge banding thickness: minimum 1.5mm edge banding on all guest facing surfaces.

2515.01.B.4 Workmanship

2515.01.B.4.a Doors must be free of rattle, squeaking, warp or rubbing. All doors must be approximately uniform in clearance. All catches must be properly aligned and installed.

2515.01.B.4.b Drawers must have free-running action with no binding or sticking. Drawers with side mounted metal glides must operate freely with no squeaking or rattling and be well lubricated. Drawer guides and runners must be securely fastened and properly positioned to assure correct drawer alignment.

2515.01.B.4.c Route lines, cut-outs or grooves must be smoothly machined and/or sanded. Shapes, carvings and 'U' cuts are to be finished smoothly with no visible unfinished or rough areas.

2515.01.B.4.d Drawer interiors and storage compartments are to be sanded smooth and free of glue or finish runs and PVC bonded to prevent moisture absorption. Sides, ends and bottoms are to be free of splinters, snags, slivers, staples, nails and screws.

2515.01.B.4.e All hardware, such as hinges, pulls, latches, catches, glides, etc., must be attached so that they fit and operate properly and serve their purposes during transit and use.

2515.01.B.4.f Mitered corners are to be square, flush, tight and well glued.

2515.01.B.4.g Interior screws must be flush or countersunk with the surface of the part where used.

2515.01.B.4.h All glides, casters and ferrules must be properly attached so as to remain permanently in place at all times and capped.

2515.01.B.4.i Face-nailed molding and overlaps must be nailed as inconspicuously as possible with nails countersunk and filled. Back nailing must be used whenever possible.

2515.01.B.4.j All cane must be applied straight with no broken or loose strands and must be smooth after rubbing.

2515.01.B.4.k All items furnished under this section must be guaranteed against manufacturing defects in workmanship and materials. Repairs of such defects during the first year, after final completion and acceptance, must be made by the manufacturer at their cost and expense, without charge to the purchaser or hotel. All such replacements and repairs must be made at one time and at hours mutually satisfactory to both owner and factory.

2515.01.B.4.l Not Applicable to this Brand

2515.01.B.4.m All dining tables must have adjustable glides.

2515.01.B.5 Appearance and Finish

2515.01.B.5.a Color of like finishes must be color-fast, uniform and compatible between pieces manufactured in the same plant; between pieces made in various plants, and from one production cut to another.

2515.01.B.5.b Each finishing material must be formulated and individually batch-checked to insure compatibility with the batch and every other material used to produce a color-fast finishing system.

2515.01.B.5.c Distressing, shading, highlighting and spatter in any one group must be consistent and uniform between pieces and plants and from one cut to another.

2515.01.B.5.d Interior surfaces of compartments and drawers must be free of dirt, dust, shavings or any foreign matter before finishing.

2515.01.B.5.e Finish must be rubbed to required smoothness and sheen and must be sufficiently dry to prevent marring or printing on the surface when packed. Finishes rubbed through are not acceptable.

2515.01.B.5.f Edges and backs of doors and drawers must be finished to be compatible with exterior.

2515.01.B.5.g Excess pumice, oil, wax and rubbing compound must be wiped clean after rubbing.

2515.01.B.5.h Finishing:

2515.01.B.5.h.1 Spray with stain and/or washcoat and/or toner.

2515.01.B.5.h.2 Spray with filler as required to properly fill wood pores, remove all excess filler and allow to dry.

2515.01.B.5.h.3 Spray with sealer of not less than 16 to 20 percent solid content.

2515.01.B.5.h.4 Sand sealer smooth, finishing with paper.

2515.01.B.5.h.5 Shade with shading stain as required to obtain uniform color and effect.

2515.01.B.5.h.6 Not Applicable to this Brand

2515.01.B.5.h.7 Spray two coats of moisture-resistant catalyzed finish.

2515.01.B.5.h.8 Rub with steel wool, wet or dry finishing paper, wax and wipe clean as desired for the required sheen specified.

2515.01.B.5.h.9 Clean laminate surfaces with cleaning agents and wipe dry.

2515.01.B.5.h.10 Finishing must be performed according to local guidelines of Finish System Standards for a 'Premium Grade' better in the US or custom grade quality in Asia Pacific and Europe. All wood must be finished with a commercial grade conversion lacquer finish to withstand water and alcohol.

2515.01.B.5.h.11 For Closed Grain Woods, finishing steps must be as follows:

1. Vinyl Washcoat
2. Stain
3. Vinyl Sealer
4. Sand (220 Grit)
5. Top Coat
6. Top Coat

2515.01.B.5.h.12 For Open Grain Woods, finishing steps must be as follows:

1. Stain
2. Vinyl Sealer
3. Sand (220 Grit)
4. Top Coat
5. Top Coat

2515.01.B.5.i Lacquer painted surfaces are not allowed.

2515.01.B.5.j Lacquer Finishes

2515.01.B.5.j.1 Polyurethane Lacquer

2515.01.B.5.j.1.a The use of polyurethane lacquer (PU) is required when there is no glass, stone or laminate top. This finish is for interior use only, as to maintain the appearance of the piece for a minimum of ten years.

2515.01.B.5.j.1.a.1 PU 100 Gloss - This finish is a polyurethane Clear Lacquer with a H99-03 (NY) Polyfunctional Isocyanurate Hardener leaving a clear gloss of greater than 90 degrees.

2515.01.B.5.j.1.a.2 PU 50 Matt - This finish is a Polyurethane Satin Clear Lacquer with a 98- HO Polyfunctional Isocyanurate Hardener leaving a milky appearance with a gloss of 45-50 degrees.

2515.01.B.5.j.2 Catalyzed Lacquer

2515.01.B.5.j.2.a They are a two part system, the lacquer and the catalyst. A post cat conversion varnish is the standard of the industry for most cabinetry. It is a hard, durable and chemical resistant finish. It is slower to dry than a pre cat or nitrocellulose lacquer. But because there is a high catalyst ratio it will cure to about 85 percent within a 24 hour period. You must use it in a controlled environment. It needs to be greater than 65° F/18° C to be used, otherwise it will fail to crosslink properly and you will get a much reduced durability. Catalyzed Lacquer is a solvent based finish that has cross-linking properties to form a more durable surface.

2515.01.B.5.j.2.a.1 Pre-catalyzed has the catalyst added at the factory, where with post-catalyzed, you add the catalyst at the time of use. Pre-cats are generally a little slower in dry time and cure because the catalyst is not as powerful, or "hot." There are also blocker solvents in the lacquer that help prevent the chemical reaction from taking place in the can. This results in long pot lives, six months or better, and no hassle with adding catalyst.

2515.01.B.5.j.2.a.2 Post-catalyzed lacquers dry and cure faster, and are better for high production uses.

2515.01.B.6 Performance

2515.01.B.6.a Drawers and doors must be fitted, properly aligned and must operate smoothly under various atmospheric conditions.

2515.01.B.6.b **Canada | United States:** Soft close hardware required for all doors and drawers. All doors, drawers, leg mechanisms, trays and other operating parts must be well fitted, properly aligned and operate smoothly without loose or sloppy action.
Mexico: All doors, drawers, leg mechanisms, trays and other operating parts must be well fitted, properly aligned and operate smoothly without loose or sloppy action.

2515.01.B.6.c Doors must not rub, rattle or be warped. Hinges must operate smoothly and quietly with no binding or other defect to affect performance.

2515.01.B.6.d All tops and structural members must be warp-free.

2515.01.B.6.e Hardware, both trim and functional, must be straight and firmly attached.

2515.01.B.6.f Not Applicable to this Brand

2515.01.B.6.g **United States:** STURDY (Stop Tip-overs of Unstable, Risky Dressers on Youth) Act

2515.01.B.6.g.1 **United States:** Effective for products manufactured on or after September 1, 2023, all free-standing clothing storage units, including but not limited to chests, chests of drawers, drawer chests, armoires, chifferobes, bureaus, door chests, and dressers, in the United States must comply with the STURDY Act when meeting all three of the following criteria:
• Height of 27"/686 mm or higher; and
• Weight of 30 lbs/13.6 kg or more; and
• Enclosed storage volume of 3.2 ft³/90.6 dm³ or more.

2515.01.B.6.g.2 **United States:** Fixed wall- and/or floor-mount installation is required. Anti-tip devices do not meet the requirements of this law. If secure mounting is not possible, alternative product design changes must be reviewed by Hilton prior to procurement.

2515.01.B.6.g.3 **United States:** Manufacturers must provide the following:
• Proof of testing results for qualifying items, demonstrating compliance with the ASTM F2057-23 standard.
• If a unit is borderline or non-compliant, it must be re-designed to comply with STURDY Act requirements.
• Indicate wall and/or floor mounting requirements to permanently affix the casegood units in all submittals and on-site installation instructions.
• Provide hang tags to units indicating wall and/or floor mounting requirements.

2515.01.B.6.g.4 **United States:** This safety specification does not cover shelving units, such as bookcases or entertainment furniture, office furniture, dining room furniture, jewelry armoires, underbed drawer storage units, occasional/accent furniture not intended for bedroom use, laundry storage/sorting units, or built-in units intended to be permanently attached to the building, nor does it cover “Clothing Storage Chests” as defined in Consumer Safety Specification F2598.

2515.01.B.6.g.5 **United States:** This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.

2515.01.C Upholstered Furniture

2515.01.C.1 **Canada | Puerto Rico | United States:** Refer to prototypical drawings for location, number and groupings of individual pieces. Existing hotels with layouts that differ from the prototype should refer to drawings and the FF&E Specifications for inspiration, and submit to Hilton for approval. **Mexico:** Refer to prototypical drawings for location, number and groupings of individual pieces.

2515.01.C.2 **Canada | Puerto Rico | United States:** Refer to the Public Area and Guestroom Guides and FF&E Specifications for the general design intent of these pieces.

2515.01.C.3 **Mexico:** Upholstered furniture may not be fully upholstered in vinyl, except ottomans. Vinyl is permitted on seats only. Vinyl welts are not allowed. Melamine is not permitted.

2515.01.C.4 Upholstered furniture must meet the following requirements: (when applicable)

- 2515.01.C.4.a Adhesive reinforced seams as necessary
- 2515.01.C.4.b Lined flounces
- 2515.01.C.4.c Sleeper deck flap
- 2515.01.C.4.d Non-corrosive rust proof zippers
- 2515.01.C.4.e Non-corrosive, heavy duty, nylon carpet glides to fit the footprint of the leg. The appropriate glides are required on all dining chairs and bar stools to eliminate damage to the flooring material.
- 2515.01.C.4.f Components (fabric, decking material, filling/padding, welt cord and barrier material, if used) must be tested in accordance with local fire regulations. Salt-base flame-retardant chemicals are not to be used.
- 2515.01.C.4.g All flame retardant certificates of compliance must be provided to the hotel for all components of the upholstered items.
- 2515.01.C.4.h Frame requirements:
  - 2515.01.C.4.h.1 Joints are double doweled, glued and screwed.
  - 2515.01.C.4.h.2 Corner blocked, gusseted, glued and screwed as necessary.
  - 2515.01.C.4.h.3 Metal or sleigh base for some applications.
- 2515.01.C.4.i Seat spring requirements:
  - 2515.01.C.4.i.1 Sinuous (No-sag) construction
  - 2515.01.C.4.i.2 8 gauge spring wire
  - 2515.01.C.4.i.3 4”/102 mm or less spacing on center
  - 2515.01.C.4.i.4 Noise abating coated spring clips
  - 2515.01.C.4.i.5 Lateral stabilizing wrapped edge wire
  - 2515.01.C.4.i.6 2 oz. bonded polyester deck insulator
  - 2515.01.C.4.i.7 Springs must be hand-tied, connecting insulated wire
  - 2515.01.C.4.i.8 Universal springs must have lifetime guarantees
- 2515.01.C.4.j Back spring requirements:
  - 2515.01.C.4.j.1 Sinuous (No-sag) construction
  - 2515.01.C.4.j.2 11 or 12 gauge wire
  - 2515.01.C.4.j.3 Lateral stabilizing wrapped edge wire
  - 2515.01.C.4.j.4 Noise abating coated spring clips

2515.01.C.4.k Body padding requirements:

2515.01.C.4.k.1 1.8 density polyurethane of appropriate I.L.D. (Initial Load Deflection)

2515.01.C.4.k.2 Minimum of 2 oz. bonded polyester fiber

2515.01.C.4.l Cushion requirements:

2515.01.C.4.l.1 **Canada | United States:**

Guestrooms:

a. Seats: Minimum 1.8 density polyurethane with an I.L.D. (Initial Load Deflection) of 36 foam with a soft crown.

b. Back Cushions: 1.8 density polyurethane with an I.L.D. (Initial Load Deflection) of 18 I.L.D. foam.

Mexico:

Guestrooms:

a. Seats: Minimum 1.8 density polyurethane with an I.L.D. (Initial Load Deflection) of 24-32 foam with a soft crown.

b. Back Cushions: 1.8 density polyurethane with an I.L.D. (Initial Load Deflection) of 18 I.L.D. foam.

2515.01.C.4.l.2 **Canada | United States:**

Public Areas:

a. Seats: Minimum 2.2 density polyurethane with an I.L.D. (Initial Load Deflection) of 36 foam with a soft crown.

b. Back Cushions: 1.8 density polyurethane with an I.L.D. (Initial Load Deflection) of 18 I.L.D. foam.

Mexico:

Public Areas:

a. Seats: Minimum 2.2 density polyurethane with an I.L.D. (Initial Load Deflection) of 24-32 foam with a soft crown.

b. Back Cushions: 1.8 density polyurethane with an I.L.D. (Initial Load Deflection) of 18 I.L.D. foam.

2515.01.C.4.l.3 Wherever urethane foam cushioning is utilized in seating, it must be combustion modified high resiliency (ICMR foam in the US and CMHR in Europe).

2515.01.C.4.l.4 Seat cushions and back cushions must be poly-dacron and wrapped with muslin and must pass local, state, and federal code requirements. Cushion covers must have security clips in US and non-corrosive zippers as required for cleaning ease.

2515.01.C.4.m Not Applicable to this Brand

2515.01.C.4.n Fabric requirements:

2515.01.C.4.n.1 Not Applicable to this Brand

2515.01.C.4.n.2 Stain resistant finish is required.

2515.01.C.5 Not Applicable to this Brand

2515.01.C.6 Decorative Pillows insert must be microfiber; 0.7 denier hollow conjugated siliconized microfiber or finer than 1.3 denier.

2515.01.D Sofa Bed

2515.01.D.1 General Requirements

2515.01.D.1.a **Canada | United States:** Solid double-doweled hardwood frame and platform base reinforced with metal with no protruding metal bars; springs or casters under the bed with a standard bed height of 20"/508 mm with solid birch hardwood slats. Traditional eight-way, hand-tied suspension is optional.
Mexico: Solid double-doweled hardwood frame and platform base reinforced with metal with no protruding metal bars, springs or casters under the bed with a standard bed height of 20”/508 mm with solid birch hardwood slats. Traditional eight-way, hand-tied suspension is optional. Single coil springs are attached with links and hand-tied to each other for elasticity in the seat.

2515.01.D.1.b Not Applicable to this Brand

2515.01.D.1.c **Canada | United States:** High Quality 4/4 kiln dried hardwood and laminate panel board construction with fasteners and reinforced mechanisms. Seat cushions must be reversible and constructed with high resilient foam. Cushion to be constructed with 1.8 density foam core with 2 oz. Thermafiber wrap with 2"/50 mm loft.
Mexico: High quality 4/4 kiln dried hardwood and laminate panel board construction with fasteners and reinforced mechanisms. Cushions must be 8 gauge sinuous construction with 1.8 # of highly resilient foam or 25 innersprings per cushion wrapped with Dacron.

2515.01.D.1.d All materials to meet or exceed CA TB117-2013, TB-1633 and local regulatory guidelines.

2515.01.D.2 Sleeper Mechanism

2515.01.D.2.a **Canada | United States:** Mechanism must be heavy-duty contract Leggett & Platt 3560-40D or Hickory Springs 10000.
Mexico: Mechanism is a one-piece heavy gauge tubular steel.

2515.01.D.2.b **Mexico:** No metal bars or springs under the bed.

2515.01.D.2.c **Mexico:** Heavy duty square tubular frame construction.

2515.01.D.2.d **Mexico:** Mattress platform must be removable.

2515.01.D.2.e **Mexico:** Mechanism not to require lifting to exceed 1”/25 mm.

2515.01.D.2.f Not Applicable to this Brand

2515.01.D.2.g **Canada | Puerto Rico | United States:** Available mounting sizes: 60"/1.5 m width
Mexico:

Available mounting sizes:
- 60"/1.5 m width
- 52"/1.3 m width
- 47"/1.2 m width

2515.01.D.2.h **Mexico:** 5 year warranty on mechanism

2515.01.D.3 Sleeper Mattress

2515.01.D.3.a **Canada | United States:** Mattress must be Leggett & Platt 3500 Series, ComforCool II or Hickory Springs Hospitality Hybrid that is 52"/1.3 m wide x 72”/1.8 m long, 5"/127 mm thick, with gel-infused memory foam topper, and fire-retardant foam throughout entire mattress.

2515.01.D.3.b Not Applicable to this Brand

2515.01.D.3.c Not Applicable to this Brand

2515.01.D.3.d Not Applicable to this Brand

2515.01.D.3.e **Mexico:** Damask ticking fabric quilted to a layer of 1.5 oz. hypoallergenic fiber.

2515.01.D.3.f **Mexico:** 1”/25 mm layer of 1.5 oz. hypo-allergenic densified fiber to be upholstered between quilted top panel and two pieces of ¼”/6.0 mm fiber insulator pad.

2515.01.D.3.g **Mexico:** 6”/150 mm premium innerspring unit, 4-turn contract spring unit made of 13.5 gauge wire coils.

2515.01.D.3.h **Mexico:** Coil count: queen – 345, full – 299

2515.01.E Outdoor Furniture

2515.01.E.1

All pool and balcony furniture used in high wind or coastal locations must be weighted and suitable for outdoor use.
Weight guidelines:
- Chaise: 25 lbs./11.3 kg
- Dining Chair: 12 lbs./5.4 kg
- Barstool: 13 lbs./5.9 kg
- Dining Table Bases: 50 lbs./22.7 kg without an umbrella, 100 lbs./45.4 kg with umbrella
- Dining Table Tops: 20 lbs./9.1 kg
- Tea Table Top and Base: 9 lbs./4.1 kg

2515.01.E.2 Frames/Table Bases

2515.01.E.2.a Metal Finishes: All outdoor furniture frames must be made of wrought aluminum, cast aluminum or steel; sealed; powder coat finish to avoid corrosion and rusting.

2515.01.E.2.b Not Applicable to this Brand

2515.01.E.2.c Woven: Woven must consist of an all-weather product (i.e., A026 Polystrap) or polyurethane resin fibers; resistant to harsh weather; UV rated.

2515.01.E.2.d Composite/Synthetic:

2515.01.E.2.d.1 Composite: woods must be made of Marine Grade Polymer (MGP)

2515.01.E.2.d.2 Synthetic: woods 100 percent recycled polyethylene plastic; pre-dyed coloring to avoid against fading; UV stabilizers; seat slats must have slight flex for extra comfort.

2515.01.E.2.d.3 Polywood: Lumber must be made from high-density polyethylene (HDPE), UV-inhibited pigment systems, foaming compounds, and selected process additives. The HDPE primary raw material must be derived from post-consumer bottle waste, such as milk and detergent bottles or other HDPE post industrial material. This material must be cleaned by a decontamination process to a high purity level, which removes contaminants such as food residue, paper, and adhesives. It must then compounded into a rigid board stock material; with the resulting finished product containing over 90 percent recycled plastic by weight.

2515.01.E.3 Table Tops

2515.01.E.3.a Glass: Glass tops are not acceptable.

2515.01.E.3.b Wood: Wood tops must be sealed with a clear coat polyurethane.

2515.01.E.3.c Composite/Synthetic Wood:

2515.01.E.3.c.1 Composite: Woods must be made of Marine Grade Polymer (MGP)

2515.01.E.3.c.2 Synthetic: Woods 100 percent recycled polyethylene plastic; pre-dyed coloring to avoid against fading; UV stabilizers.

2515.01.E.3.d Stone: Stone tops must be sealed; with smooth edges and secured to the table base.

2515.01.E.3.e Composite/Synthetic Stone:

Quarizz: This is an MDF center with a sealed concrete exterior; epoxy undercoat with Tiger Drylac top coat and is suitable for outdoor areas.

2515.01.E.3.f Acrylic: Requires a removable metal rim with diameter cross supports; minimum thickness of .22”/5.6 mm for tea tables; minimum .50”/12.7 mm for dining tables and of a textured pattern, as not to show scratches.

2515.01.E.4 Table Glides:
Outdoor tables exceeding 24”/600 mm must have heavy duty nylon (plastic not acceptable) adjustable glides that are weather resistant and suitable for various types of flooring finishes.

2515.01.E.5 Cushions

2515.01.E.5.a Dacron Foam: minimum of 2.8 lb/1.3 kg density with a polyester cushion padding resistant to harsh weather conditions; quick drying; mildew resistant; meets CAL TB Section 3; ASTM D 3675 Flame Spread; ASTM E 662 Smoke Density.

2515.01.E.5.b Dry Ease Foam: 50 ILD EZ-Dry Foam with pore size of 35 ppi; density 2.0 lbs./ft³ ; tensile 8.0 psi; elongation 25 percent; tear 2.0 lbs/in; IFD 25R (15” x 15” x 4”/375 mm x 375 mm x 100 mm) 50 lbs; 50 percent compression set at 15 percent.

2515.01.E.5.c Fabric: must be a solution dyed acrylic fabric; rated specifically for outdoor use; stain treatment; meets all regulatory guidelines.

2515.01.E.5.d Cushions: must be removable and have a non-corrosive, coordinating zipper; color must coordinate with complimentary fabric.

2515.01.E.6 Chaise lounges used in sandy areas are required to use a sleigh/sled style base frame.

2515.02 Fabrics

2515.02.A Fabric Selection Requirements

All fabric selections must meet the following:

2515.02.A.1 Be of heavy duty contract quality.

2515.02.A.2 Runs must be of the same color batch/dye lot.

2515.02.A.3 Comply with the following rub tests:

2515.02.A.3.a **Canada | United States:** 50,000 double rubs Wyzenbeek for indoor upholstery; 30,000 double rubs Wyzenbeek for outdoor upholstery and all pillows.
Mexico:

Upholstery and pillow fabrics: 30,000 DR Wyzenbeek or equivalent.

2515.02.A.3.b Light fastness: 40 hours. Test method: A.A.T.C.C. (American Association of Textile Chemists and Colorists, www.aatcc.org/) or regional testing.

2515.02.A.4 Comply with the local fire regulations or the following, whichever is more stringent.

2515.02.A.4.a Interior drapery fabrics used must meet the following codes:

2515.02.A.4.a.1 NFPA 701

2515.02.A.4.a.2 Proof of compliance is required by either a sewn-in manufacturer’s tag or a letter on file from the manufacturer.

2515.02.A.4.b Upholstery fabrics used must meet the following codes:

2515.02.A.4.b.1 **Canada | United States:** CAL 117/NFPA 260
Mexico: NFPA 260
Mexico: Confirm equivalent code: NOM-002-STPS-210 to prevent fires and NMX-A-382/1-INNTEX-2011 for textiles flammability.

2515.02.A.4.c Decorative pillow and bed valance/skirt fabric used must meet the following codes:

2515.02.A.4.c.1 **Canada | United States:** CAL 117, NFPA 260/ UFAC Class 1 or NFPA 701.
Mexico: EN1021 Parts 1 & 2

2515.02.A.5 Flame retardant certificates of compliance must be provided to the property.

2515.02.A.6 **Canada | United States:** Acrylic backing and stain treatment required on all upholstery fabrics. Stain treatment required on all decorative pillow fabrics.
Mexico: Stain treatment is required on all upholstery and decorative pillow fabrics.

2515.02.A.7
General Requirements
a. Headboard fabrics (not vinyls) must have a triple action finish or include three separate finishes: soil and stain release, stain repellency and anti-microbial.
b. Upholstery fabrics (not vinyls) must have a dual action finish or include two separate finishes: soil and stain release and stain repellency.
c. Certificates must be provided for all treatments.

2515.02.A.8
Upholstery vinyls must be 100% polyvinyl chloride (PVC) or polyurethane (PU) faced vinyl. PU must come with testing to show that the product exceeds ISO 1419 (Tropical Test Method C, 5 weeks).

a. Backings : Single direction knits and suede backing are not acceptable.

b. Stain resistance: Guestroom vinyl to exhibit durable stain resistance and release of stains from food, drinks and writing instruments using common cleaning agents. Vinyl must demonstrate release of stains such as black coffee, red wine, ballpoint pen, mustard, iodine and denim color transfer after being pressed into the surface at a load of one psi for one minute followed by an aging period of 24 hours. The minimal stain rating following cleaning should be a 4.5 using the AATCC gray scale (5.0 = no change). The stain resistance must not be imparted using a sacrificial top layer; rather, cleaning resistance must be repeatable and the appearance must not be changed by cleaning. These properties must exist after 30,000 double rubs on the Wyzenbeek machine.

2515.03 Window Treatment

2515.03.A Window Treatment Requirements

2515.03.A.1 **Canada | United States:** Window treatments are not required on transom and clerestory. For security purposes, window treatments are not permitted on vision panels and/or side lights at Guest Laundry and Fitness Center entry doors.
Mexico: Window treatments are not required on transom, clerestory, or Pool (exterior windows). They are only required at Fitness Center (exterior windows) when site conditions dictate. For security purposes, window treatments are not permitted on vision panels and/or side lights at Fitness Center and Guest Laundry entry doors.

2515.03.A.2 Not Applicable to this Brand

2515.03.A.3 Not Applicable to this Brand

2515.03.A.4 Not Applicable to this Brand

2515.03.A.5 Public Areas

2515.03.A.5.a **Canada | Puerto Rico | United States:** Windows must receive treatment to control sun glare. Provide wood cornice and a decorative sheer at a minimum.
Mexico: Windows must receive treatment such as sheers, wood blinds, overdrape and a decorative rod or as otherwise approved by Hilton.

2515.03.A.5.a.1 **Canada | United States:** Valances or cornices must be used to conceal non-decorative hardware. They must be a minimum 8"/200 mm in height.

2515.03.A.5.a.2 **Canada | United States:** Overdrape must be stationary to permit natural light.

2515.03.A.5.a.3 **Canada | United States:** Sheers must span the entire distance both vertically and horizontally across the windows.

2515.03.A.5.a.4 **Canada | United States:** Wood blinds, 2"/51 mm, must coordinate with other furnishings.

2515.03.A.5.b Not Applicable to this Brand

2515.03.A.5.c Vision panels and/or side lights at the entry door to public spaces are not to receive window treatments and must be left uncovered for security purposes. Approved graphics may be used.

2515.03.A.6 **Canada | United States:** All other windows (for example, non-public spaces such as Offices or Housekeeping) must have 2"/51 mm wood blinds at a minimum.

2515.03.A.7 Guestroom Window Treatment

2515.03.A.7.a **Canada | United States:**

Window treatments in guestrooms must consist of a top treatment hard cornice, blackout, and sheers. Blackouts are to be installed nearest the window with a decorative sheer toward the room.

Mexico: All guestroom windows must receive a sheer and blackout window treatment. Roller sheers and blackouts are allowed.

2515.03.A.7.b Window treatments must be custom-tabled for exact size. All selvages to be removed. All patterns must be horizontally & vertically matched.

2515.03.A.7.c **Canada | United States:** All window treatments may stop 1/2" above top of PTAC unless window extends below PTAC and must be ceiling-mounted. Rooms with ceilings higher than 9'-0"/2.75 m may have wall-mounted treatments.
Mexico: All drapery window treatments must be full height (floor to ceiling) and ceiling mounted.

2515.03.A.7.d Window treatments must have a 1/4"/6.0 mm clearance at the ceiling mount.

2515.03.A.7.e **Canada | United States:** Bottom of full-length window treatments must be approximately 1/2"/12.0 mm clear above the finished floor.
Mexico: Bottom of window treatments must be ½”/12.0 mm clear above the finished floor; actual clearance may vary from 1/4"/6.0 mm to 1/2"/12.0 mm.

2515.03.A.7.f Not Applicable to this Brand

2515.03.A.7.g **Canada | United States:** The window treatments must have a 1"/25 mm single side hem, 4"/100 mm single heading and 1"/100 mm bottom hem. All stitching must be over locked and joined with safety stitching. Manufacturer to provide non-corrosive weights and heavy-duty stainless steel pin hooks.
Mexico: All window treatments must have a minimum of 4"/100 mm overlap.

2515.03.A.7.h Not Applicable to this Brand

2515.03.A.7.i Top Treatment

2515.03.A.7.i.1 Fabric valances or cornices are not allowed; architectural details such as window pockets, soffits, crown moldings, etc., which conceal the drapery hardware is required. Overlapping is required.

2515.03.A.7.j Not Applicable to this Brand

2515.03.A.7.k Blackout Drapery

2515.03.A.7.k.1 **Canada | United States:** Fabric for blackout drapery must be as follows:

2515.03.A.7.k.1.a **Canada | United States:** Two-pass soft blackout lining is the minimum requirement for guestrooms.

2515.03.A.7.k.1.b Not Applicable to this Brand

2515.03.A.7.k.1.c **Canada | United States:** Fiber content: 70 percent polyester/30 percent cotton or 100 percent polyester with two foam passes to create blackout.

2515.03.A.7.k.1.d **Canada | United States:** Thread count: 78 x 44 per square inch or equal.

2515.03.A.7.k.2 **Canada | United States:** Panels must be operable, blackout drapes with two finger pinch pleats, finished to a minimum of 160 percent fullness. Blackout panels are to be installed closest to the window/wall.
Mexico: Panels must be operable, blackout drapes with three-fold pinch (French) pleats, finished to a minimum of 200 percent fullness.

2515.03.A.7.k.3 Not Applicable to this Brand

2515.03.A.7.k.4 **Canada | United States:** Panels must be split traversing. All panels must pull from the center of the window.
Mexico: Panels must be split traversing. All panels must pull from the center of the window. Blackout roller shade may be used in lieu of operable panels.

2515.03.A.7.k.5 **Canada | United States:** The panels must have a 1”/25 mm Clean Finish side hem, 4”/100 mm Heavy Duty Buckram, fully-enclosed with clean finish and 1"/25mm mm Clean Finish bottom hem. All stitching must be over locked and joined with safety stitching. Pattern match all seams.
Mexico: The panels must have a 1”/25 mm single side hem, 4”/100 mm single heading and 1/2”/12 mm double bottom hem. All stitching must be over locked and joined with safety stitching. Pattern match all seams.

2515.03.A.7.l **Mexico:** Side Panels

2515.03.A.7.l.1 **Mexico:** Side panels must be 200 percent fullness.

2515.03.A.7.m Sheers

2515.03.A.7.m.1 **Canada | United States:** Operable sheers must be unlined with two-finger pinch pleats, finished to a minimum of 160 percent fullness. Decorative sheer panels are to be installed over the blackout panels.
Mexico: Sheer or casement drapery fullness must be 2-1/2 times the width of the opening when measured across the finished hem plus overlaps and returns. This equates to 250 percent for Pinch Pleat drapery fabrication and 120 percent for Ripplefold drapery fabrication.

2515.03.A.7.m.2 **Canada | United States:** Sheers must be split traversing from the center of the window.

2515.03.A.7.m.3 **Canada | United States:** The panels must have a 1”/25 mm Clean Finish side hem, 4”/100 mm Heavy Duty Buckram, double-wrapped and 1"/25mm mm Clean Finish bottom hem. All stitching must be over-locked and joined with safety stitching. Manufacturer must provide non-corrosive weights and heavy-duty stainless steel pinhooks. Pattern match all seams.

2515.03.A.7.n **Mexico:** Shades

2515.03.A.7.n.1 **Mexico:** Blackout shade must overlap window frame/opening to reduce light infiltration.

2515.03.A.7.o Not Applicable to this Brand

2515.03.A.7.p Not Applicable to this Brand

2515.03.A.7.q Drapery Hardware

2515.03.A.7.q.1 All hardware must be affixed by drill and plug method. "Shot" installation is not allowed.

2515.03.A.7.q.2 **Canada | United States:** Installation must be a two-track system.
Mexico: Installation must be a two-track or three-track system.

2515.03.A.7.q.2.a **Mexico:** Three-track systems must have individual tracks for sheers, blackouts and over drapery. When fixed side-hanging over drapes are used, short tracks or rods approximately equal in length to the over drapes are required.

2515.03.A.7.q.2.b **Canada | United States:** Two-track installations must consist of individual rods for sheers and full-traverse over drapes with sewn-in blackout lining.

2515.03.A.7.q.3 **Canada | United States:** Cordless hand-drawn track must be used.

2515.03.A.7.q.4 **Canada | United States:** All draperies with lined and unlined headings must be pinned and hung evenly with non-corrosive, heavy-duty, stainless-steel hooks and/or Microflex pins.

2515.03.A.7.q.5 **Canada | United States:** Exposed drapery tracks are not allowed.

2515.03.A.7.q.6 All batons must be front mounted.

2515.03.A.7.q.7 All drapery batons must be clear.

2515.03.A.7.q.8 **Canada | United States:** Drapes and sheers must have ½”/12.7 mm diameter batons, 48"/1200 mm long minimum.

2515.03.A.7.r **Mexico:** Motorized Shades

2515.03.A.7.r.1 **Mexico:** Must be contract grade.

2515.03.A.7.r.2 **Mexico:** Must be inside window mount.

2515.03.A.7.r.3 **Mexico:** Must be 99% blackout.

2515.03.A.7.r.4 **Mexico:** Customer's own materials (COM) must be of contract grade and meet local fire regulations.

2515.03.A.7.r.5 **Mexico:** No more than 1/16"/1.6 mm clearance is allowed on each side.

2515.03.A.7.r.6 **Mexico:** A hard-wired wall switch or wireless switch/remote permanently affixed to the wall are acceptable.

2515.03.A.7.s **Mexico:** Manual Shades

2515.03.A.7.s.1 **Mexico:** Must be contract grade.

2515.03.A.7.s.2 **Mexico:** Must be inside window mount.

2515.03.A.7.s.3 **Mexico:** Must be 99% blackout.

2515.03.A.7.s.4 **Mexico:** Customer's own materials (COM) must be of contract grade and meet local fire regulations.

2515.03.A.7.s.5 **Mexico:** No more than 1/16"/1.6 mm clearance is allowed on each side.

2515.03.A.7.s.6 **Mexico:** Chain pulls must be secured at the bottom.

2515.04 Top Surfaces

2515.04.A Top Surfaces Definition

Top surfaces are all tabletops or countertops or other horizontal interior architectural element that people can touch.

2515.04.B Top Surface Material Requirements

Materials used must meet the performance criteria that follows:

2515.04.B.1 Structural integrity as required for intended use without deflection

2515.04.B.2 Solid, non-porous material

2515.04.B.3 Impact and scratch resistant

2515.04.B.4 Resistant to damage from standing water

2515.04.B.5 Non-corrosive material

2515.04.B.6 Washable with standard non-toxic housekeeping chemicals and Hilton approved sanitizing/disinfectant cleaners.

2515.04.B.7 Not Applicable to this Brand

2515.04.B.8 Countertop materials used in food preparation and serving areas must be resistant to damage from heat.

2515.04.C Not Applicable to this Brand

2515.04.D Not Applicable to this Brand

2515.04.E Overall Top Surface

An overall top surface minimum thickness of ¾”/19 mm is required when a laminate top is used.

2515.04.F Porous Stone Tops

All porous stone tops must be properly sealed upon installation. The use of a tuff skin sealer or an equivalent is required.

2515.04.G Fixed Glass & Bumpers

Glass must be fixed. Provide clear acrylic bumpers adequate for size of top of table/case piece.

2515.04.H PLAM Requirements

Canada | United States: Plastic laminate tops must be surfaced with high pressure laminate with a minimum 45 lb/20 kg density industrial grade MDF core with fine face particles and proper backing sheet to prevent warping. Tops must be laminated using contact, semi-rigid (PVAC), or rigid (ureas, resorcinol) adhesives, to provide for type two bonding. A “V” groove 1/16”/2 mm deep is required for all inset laminate tops with a solid wood, 2"/50 mm edging sanded smooth. All patterned plastic laminate must be matched exactly at joints. The finished appearance of the plastic laminate must be free from blisters, cracks or any other defects due to faulty workmanship.

Mexico: Plastic laminate tops must be surfaced with high pressure laminate with a minimum 45 lb/20 kg density industrial grade MDF core with fine face particles and proper backing sheet to prevent warping. Tops must be laminated using contact, semi-rigid (PVAC), or rigid (ureas, resorcinol) adhesives, to provide for type two bonding. A “V” groove 1/16”/2 mm deep is required for all inset laminate tops with a solid wood edging sanded smooth. All patterned plastic laminate must be matched exactly at joints. The finished appearance of the plastic laminate must be free from blisters, cracks or any other defects due to faulty workmanship.

2515.04.I Stone Top Requirements

Stone top must have plywood sub-top, painted black. Top must be glued and screwed to base of casegood. All exposed surfaces must be sealed with an approved impregnator and penetrating sealer to protect stone from water, alcohol, and chemical stains.

2515.04.J Top Surface Construction Approval

The construction of the top surface must be approved on an individual basis by Hilton as being aesthetically appropriate for the Brand and the specific context of the design.

2515.05 Art

2515.05.A Artwork Framing Standards - Public Areas:

2515.05.A.1 Mounting

2515.05.A.1.a Paper art must be dry mounted to prevent buckling with the following exceptions:

2515.05.A.1.a.1 Expensive pieces whose value will be jeopardized. Proper conservational mounting techniques may be used, such as T hinges made from acid free linen tape.

2515.05.A.1.a.2 Dimensional art or where dry mounting is impossible.

2515.05.A.1.a.3 Free floating pieces

2515.05.A.1.b Photographs must be mounted if possible. Valuable photographs may be mounted using conservation adhesive tissues and backing boards.

2515.05.A.2 Matboards

2515.05.A.2.a

Conservation of artwork requires either an acid free rag matboard, or at minimum an alpha cellulose board.

2515.05.A.3 Glass

2515.05.A.3.a Regular framer's glass is acceptable. A conservation glass, such as 98 percent UV protected, is preferred for valuable pieces.

2515.05.A.3.b Plexiglass is acceptable for larger pieces in excess of 48"/1.2 m in width.

2515.05.A.3.c Reflection controlled glass or Plexiglass must be used at bright sunlight areas.

2515.05.A.4 Frames

2515.05.A.4.a Wooden moldings are preferred.

2515.05.A.4.b Not Applicable to this Brand

2515.05.A.4.c All frames must be sealed with either a paper moisture barrier or tape.

2515.05.B Contract Framing Standards - Guestrooms

2515.05.B.1 Mounting

2515.05.B.1.a Wet or dry mount to foamcore is acceptable.

2515.05.B.2 Matboards

2515.05.B.2.a Matboards must be white core regular matboard or better.

2515.05.B.3 Glass

2515.05.B.3.a Regular framer's glass is acceptable.

2515.05.B.4 Frames

2515.05.B.4.a Wooden moldings are preferred.

2515.05.B.4.b MDF core frames are acceptable upon prior approval by Hilton.

2515.05.B.4.c When fitted, all frames must be sealed with either a backing paper or tape.

2515.05.B.5 Not Applicable to this Brand

2515.05.B.6 Security Hardware

2515.05.B.6.a Artwork must be supplied with a T-screw locking system or other approved method.

2515.05.B.6.b Lighter artwork may utilize standard brackets at top. Heavier items, especially mirrors, must use a Z-bar or similar cleat at top as well as a T-screw lock at bottom.

2515.06 Mirrors

2515.06.A Mirror Requirements

Canada | United States: Mirrors must be 3/16"/4.76 mm – 1/4"/6.35 mm polished with vinyl backing/vinyl safety back, free of distortion. Mirrors must be fabricated of polished plate glass. All mirrors must be guaranteed against silver oxidation. All mirrors must be mounted on foam board, corrugated

or masonite backing at a minimum 3/ 16"/4.76 mm thickness. For larger mirrors, additional bracing should be added to ensure appropriate durability and rigidity of the mirror.

Mexico: Mirrors must be 3/16”/4.76 mm – 1/4"/6.35 mm polished with vinyl backing/vinyl safety back, free of distortion. Mirrors must be fabricated of polished plate glass. All mirrors must be guaranteed against silver oxidation. All mirrors must be mounted on hardwood or masonite backing at a minimum 3/16"/4.76 mm thickness.

2515.06.B Frames

2515.06.B.1 Wooden moldings are preferred.

2515.06.B.2 Not Applicable to this Brand

2515.06.B.3 All frames must be sealed with either a paper moisture barrier or tape.

2515.06.B.4 MDF frames are not allowed in bathrooms or other areas in close proximity to moisture.

2515.06.C Mirror Installation Requirements

All mirrors must be installed with tamper-proof 3-point (4-point must be used on larger pieces) security mounting hardware appropriate for wall condition and weight of mirror for a complete and finished installation.

2516.00 Fire Protection and Life Safety Requirements

2516.01 Administration

2516.01.A Applicability

2516.01.A.1 This standard details fire and life safety requirements for the design and construction of new properties, conversion of existing properties and the renovation of existing properties under the Hilton Portfolio of Brands. These requirements are applicable to all properties within the Hilton system including owned, managed and franchised properties.

2516.01.A.2 The requirements are performance-based with the goal of safeguarding guests and team members from fire incidents within all Hilton properties.

2516.01.B Compliance with Standards

2516.01.B.1 Technical standards and governing agency applicable to the design, construction and continuing operation of each property shall be identified. Where the requirements of local, regional and/or national authorities (i.e. the Authority Having Jurisdiction hereafter, AHJ) exceed those prescribed by Hilton, the more stringent standard must be followed. Conflicts between applicable standards must be referred to Hilton's Architecture, Design, Construction & Technical Services Team for review and resolution. Where a clearly recognized AHJ does not exercise jurisdiction, Hilton reserves the right to specify additional fire and life safety standards applicable to a project or property.

2516.01.B.2 In the event of unusual circumstances, alternative design approaches may be considered. Nothing within these standards is intended to prevent the use of systems, methods or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability and safety.

2516.02 Fire Rated Construction

2516.02.A Minimum Fire Ratings

Canada | United States: Minimum fire ratings for construction elements must be utilized in accordance with the construction codes as identified per the requirements of Section 2500.00. Where construction codes referenced in Section 2500.00 are not current and compatible with Section 2516.00, Hilton reserves the right to stipulate the use of alternate or supplemental construction codes. In addition, the following minimum standards apply.

2516.02.B Roof System Requirements

Roof systems, except for ancillary detached buildings, must be “class A, B, or C” rated as defined by Underwriters Laboratories (www.ul.com).

2516.02.C Fire-Resistive Construction Requirements

Fire-resistive construction is required for the following areas:

Area	Combustible Construction < 14 metres / 46 ft	Combustible Construction 14 metres / 46 ft >	Non-Combustible Construction < 30 metres / 98.4 ft	Non-Combustible Construction 30 metres / 98.4 ft >
All floors, load-bearing walls, columns, and beams	1 - hour	2 - hour	1 - hour	1 - hour
Between guest rooms	1 - hour	1 - hour	1 - hour *	1 - hour *
Between corridors and guest rooms	1 - hour	1 - hour	1 - hour *	1 - hour *
Stairs and Elevator/Lift	1 - hour	2 - hours	1 - hour	2 - hours
Shafts & Risers - Gas / Electrical - Hazard	1 - hour	2 - hours	1 - hour	2 - hours
Shaft & Risers - Mech / Plumb - low Hazard	1 - hour	1 - hour	1 - hour	1 - hour
Flue enclosure** / Linen Chute / Trash Chute	1 - hour	2 - hours	1 - hour	2 - hours *
Mech / Plant Rooms containing gas-fired equipment	1 - hour	1 - hour	1 - hour	1 - hour
Laundry area perimeter	1 - hour	1 - hour	1 - hour	1 - hour
Trash collection / Recyclable storage rooms	2 - hours *	2 - hours	2 - hours *	2 - hours *
* The rating may be reduced by half when the building is protected throughout with automatic sprinklers, full evacuation sequence occurs upon alarm and where allowed by the local AHJ. ** Flue enclosures do not include kitchen exhaust risers. Refer to 2516.03.E for requirements.				

2516.02.D Doors in Fire-Resistive Partitions

Doors in fire-resistive partitions must be self closing with the following ratings where allowed by the local AHJ: In buildings that meet the Exception in 2516.02.C, the door ratings shall be no less than half the overall rating of the wall and never less than 30 minutes, where allowed by the local AHJ.

Doors	Combustible Construction < 14 metres/46 ft Sprinklered	Combustible Construction 14 metres/46 ft > Sprinklered	Non-Combustible Construction < 30 metres/98.4 ft Sprinklered	Non-Combustible Construction 30 metres/98.4 ft > Sprinklered
One-Hour Fire Resistive Walls	20 minute	20 minute	20 minute	20 minute
Two-Hour Fire-Resistive Walls	60 minute	60 minute	60 minute	60 minute
Guestroom Entry Doors	20 minute	20 minute	20 minute	20 minute
Elevator Doors	30 minute	60 minute	30 minute	60 minute

Doors	Combustible Construction < 14 metres/46 ft Non-Sprinklered	Combustible Construction 14 metres/46 ft > Non-Sprinklered	Non-Combustible Construction < 30 metres/98.4 ft Non-Sprinklered	Non-Combustible Construction 30 metres/98.4 ft > Non-Sprinklered
One-Hour Fire Resistive Walls	30 minute	30 minute	30 minute	30 minute
Two-Hour Fire-Resistive Walls	90 minute	90 minute	60 minute	60 minute
Guestroom Entry Doors	30 minute	30 minute	30 minute	30 minute
Elevator Doors	30 minute	60 minute	30 minute	60 minute

** Linen Linen chute discharge doors must be top-hinged with fusible link release and fire/smoke seals. The linen chute must have self-closing, self-locking doors. Doors must be interlocked unless the chute area is locked off from the public. Provide an 8'-0"/2.4 m minimum head height clearance above the finished floor.

Connecting doors are fire rated but do not need a self closing door device.

2516.02.E Mixed-Use Buildings Fire Separation

Mixed-use buildings must have a two-hour fire separation between the property and adjacent occupancy. This may be reduced to one-hour when the entire building is protected throughout with automatic sprinklers. Accessory areas, such as retail spaces, comprising less than 10 percent of the floor area are excluded from the separation requirement. Parking garages are not considered a separate use, unless the garage is shared as part of a

mixed use complex with the following criteria: the garage must have a continuous two hour separation from all hotel areas, the garage must have smoke and CO detection interfaced to the hotel alarm panel, mechanical ventilation if 60 percent of the walls are not open to natural air flow, and standpipe system with hose stations (piping, hose and nozzles) located to allow for 100 percent coverage of the garage area.

2516.02.F Fire-rated Doors and Frames

Fire-rated doors and frames must be independently certified as fire rated by a national fire body authorized to certify such systems. A proprietary metal seal/sticker must be attached to the edge of the door and frame indicating the rating or proper documentation from a professional testing agency is on file.

2516.02.G Fire Dampers

Fire dampers rated for 90 minutes must be provided in penetrations through two-hour partitions. Exception bathroom exhaust subducts extend at least 22"/559 mm vertically into the main exhaust shaft and there is continuous airflow upwards to the exterior.

2516.02.H Fire-Resistive Construction Penetrations

All penetrations in fire-resistive construction must be protected with through penetration systems approved by Underwriters Laboratories, www.ul.com, or equal.

2516.03 Fire Suppression

2516.03.A General

2516.03.A.1 All buildings must be provided with comprehensive automatic fire sprinkler capability, except as noted within this Section.

2516.03.A.1.a Buildings less than 98‘-4”/30 m in height are not required to be sprinkler protected. The height of the building is measured from the level of means of egress to the floor slab of the highest normally occupied guest level.

2516.03.A.1.b Guestroom bathrooms less than 90 ft²/8.4 m² with non-combustible fixtures and closets less than 24 ft²/2.2 m² are not required to be sprinkler protected.

2516.03.A.1.c High ceiling areas, including atriums, greater than 55’-0”/16.8 m are not required to be provided with automatic sprinkler protection at the ceiling level. Floor areas opening to such space require automatic sprinkler protection. Also reference Section 2516.04.C.12 for additional smoke detection requirements.

2516.03.A.1.d Small, typically non-occupied auxiliary structures, located remotely from principal buildings and containing non-critical functions are not required to be sprinkler protected.

2516.03.A.1.e Sprinklers are required in garages except when detached, above grade and having walls that are open at minimum 60 percent or as defined in 2516.02.E combined with a dedicated smoke control system.

2516.03.A.1.f Sprinklers are required in below grade spaces except when the aggregate occupant load is less than 50 persons for all below grade spaces. If the below grade occupancy load for the back of house is < 15 and there are two dedicated means of egress for the public areas, provide sprinklers in the public areas only as long as 2-hour construction separates the public areas from the back of house areas.

2516.03.A.2 Protective systems must be specified, installed and successfully commissioned in conformance with one of the following standards:

2516.03.A.2.a NFPA – latest edition (www.nfpa.org). Applicable Sections:

NFPA 13 Standard for the Installation of Sprinkler Systems

NFPA 13R Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies

NFPA 14 Standard for the Installation of Standpipe and Hose Systems

NFPA 20 Standard for the Installation of stationary pumps for fire protection

NFPA 96 for Ventilation Control and Fire Protection for Commercial Cooking Operations and/or equivalent to NFPA requirements.

2516.03.A.2.b EN 12845 Fixed Firefighting Systems – Automatic Sprinkler Systems –Design, Installation and Maintenance – latest edition (www.bsigroup.com)

2516.03.A.2.c GB 50084 – Automatic Sprinkler System Design Code – China – latest edition (www.china-fire.com)

2516.03.A.2.d Australia AS 2118 (WMTS) – latest edition

2516.03.A.2.e New Zealand NZS 4541 – latest edition

2516.03.A.2.f Korean Fire Protection KFPA – latest edition

2516.03.A.2.g Japan Standards Association JSA – latest edition

2516.03.A.3 Automatic water mist systems may be substituted for automatic sprinklers only with approval from Hilton Engineering. The system design must conform in all aspects to the requirements detailed in standards BS 8489, VdS 3188 or FM 5560. Confirmation of fire tests must be validated to a published fire test protocol within the standards; and that all components have been tested, approved and publicly listed by the relevant approvals body, i.e. LPCB, VdS or FM Global. All certification and design, installation, operation and maintenance manuals that form the basis of the approved listing must be submitted in full for Hilton Engineering approval. CVPC pipework is not permitted on water mist systems.

2516.03.B Automatic Sprinkler Protection

2516.03.B.1 Automatic sprinkler systems must be hydraulically designed by experienced and licensed fire protection design professionals subject to Hilton approval. At a minimum, systems must be designed using the following criteria:

2516.03.B.1.a Design areas shall be suitable to the hazard protected. Example occupancy classifications include: Light Hazard-Guestrooms, Meeting Rooms and Offices; Ordinary Hazard (Group 1)-Restaurants, Kitchens, Laundries and Mechanical Rooms. Large meeting/convention spaces should be evaluated on the basis of potential fuel load of displays/booths. Special hazards shall be managed per Section 2516.03.G.

2516.03.B.1.b A hose stream allowance, appropriate for the hazard calculated, shall be included in hydraulic calculations to allow simultaneous flow of sprinkler protection and manual firefighting operations.

2516.03.B.1.c A safety factor of 10 percent must be applied to hydraulic demand calculations.

2516.03.B.2 Except for areas subject to freezing, wet pipe style automatic sprinkler protection must be provided in all areas. In areas subject to freezing, dry-pipe or anti-freeze style sprinkler protection must be provided. Antifreeze solutions must be listed for use in automatic sprinkler systems. Electric heat tracing of piping and system components is prohibited.

2516.03.B.3 Reliable measures must be provided to maintain wet pipe fire protection piping and equipment at a minimum temperature of 40 °F/4 °C.

2516.03.B.4 **Canada | United States:** Fast Response sprinklers must be used throughout automatic sprinkler systems, subject to installation criteria published by the manufacturer. The use of standard response sprinklers in existing buildings is permitted until such time as major renovation of the automatic sprinkler system(s) occurs. Standard response heads are acceptable in garages.
Mexico: Quick Response (QR) sprinklers must be used throughout automatic sprinkler systems, subject to installation criteria published by the manufacturer. The use of standard response sprinklers in existing buildings is permitted until such time as major renovation of the automatic sprinkler system(s) occurs. Standard response heads are acceptable in garages.

2516.03.B.5 Recessed or fully concealed (ceiling or sidewall) sprinkler heads are required in all guest areas and the back office area. Locations where concealed sprinklers heads are required are listed within each area of Sections 2500.00 - 2514.00.

2516.03.B.6 Not Applicable to this Brand

2516.03.B.7 Consideration must be given to design and system component selection in areas subject to freezing (including unheated interior building spaces and freezers/coolers), corrosive atmospheres (pool areas, saunas and laundries) and exposure to salt air.

2516.03.B.8 Exposure to natural hazards must be included in the design and installation of systems as warranted including seismic loads, flood exposure and tornadoes.

2516.03.B.9 Systems must be zoned, at a minimum by guestroom floor.

2516.03.B.10 Provide an electrically supervised valve tamper switch for each system control valve. Electrically supervised water flow switches must be provided for each system zone as well as each riser.

2516.03.B.11 Properties being converted to a Hilton brand must be evaluated for the presence of failing, deteriorating, obsolete or recalled automatic sprinkler components. Continued service of these components must not be permitted:

2516.03.B.11.a Automatic sprinkler piping systems containing polybutylene piping, or ultra-thin wall piping such as Poz-Lok tubing.

2516.03.B.11.b CPVC piping exposed to incompatible chemicals, fire stopping material and other substances known to cause pipe failure.

2516.03.B.11.c Sprinkler components exhibiting microbiologically influenced corrosion (MIC).

2516.03.B.11.d Automatic sprinklers subject to recall and replacement by manufacturers notably Central Omega (recall date 1998) and Central O-Ring (recall date 2003) model sprinklers.

2516.03.C Standpipe and Hose Systems

2516.03.C.1 All properties must be provided with interior hose connections supplied by dedicated standpipe systems, or piping combined with automatic sprinkler systems, except as noted in this Section and if the exception is allowed by the local AHJ:

2516.03.C.1.a Buildings with the highest occupied floor less than 98‘-4”/30 m above the level of exit discharge do not require a standpipe system unless building configurations or floor layouts do not permit hose deployment by local fire forces.

2516.03.C.2 For buildings protected by automatic sprinklers, standpipe systems and hose connections may be designed and installed for fire department or brigade service use only.

2516.03.C.3 For those buildings not provided with automatic sprinklers, standpipe systems must include complete hose stations (piping, hose and nozzles on every floor). Water supply must be of the wet/automatic style.

2516.03.C.3.a The water supply must be designed to provide a minimum flow rate of 500 gpm/1895 Lpm.

2516.03.C.3.b The minimum duration of flow must be 30 minutes as established by NFPA 13, NFPA 13R or equivalent.

2516.03.C.4 When the standpipe system is provided with a fire department connection, the local fire department must be consulted regarding available water supply.

2516.03.C.5 Diameter and threading of hose connections must be consistent with those used by firefighting forces responding to the property. Verify with the local AHJ.

2516.03.C.6 Pressure at the nozzle tip must be 100 psi/6.9 bar for 65 mm hose connection and 65 psi/4.5 bar for 40 mm hose connection.

2516.03.C.7 Pressure reducing mechanisms must be utilized where hose connection outlets exceed 175 psi/12 bar.

2516.03.D Water Supply Requirements

2516.03.D.1 A reliable water supply, capable of supplying the calculated, hydraulic requirements of the installed fire suppression systems, for a minimum period of 30 minutes, must be provided. Coordinate supply and connection requirements with the local AHJ.

2516.03.D.2 The water supply must be provided by one or more of the following components:

2516.03.D.2.a Connection to a reliable municipal water supply.

2516.03.D.2.b Connection to a municipal water supply augmented with booster fire pump(s) to meet calculated requirements.

2516.03.D.2.c **Canada | Mexico | United States:** Connection to a fire pump(s) supplied by a water tank of sufficient capacity to meet calculated demands. As a minimum 15,000 gallons of dedicated fire water must be provided. In the event two or more fire pumps are provided, pump drivers must vary between electric motor driven and fuel driven engine driven units.

2516.03.D.2.d Connection to an elevated water storage tank.

2516.03.D.3 Exposure to natural hazards including seismic loads, flood exposure, severe wind load and tornadoes must be considered.

2516.03.D.4 Water supply components must be specifically designed and rated for fire protection service. See 2516.03.A.2.

2516.03.E Kitchen Hood and Duct Protection

2516.03.E.1 Where a kitchen hood exhaust system is used to control grease-laden vapors, the following fire protection systems and hood/duct construction criteria must be provided:

2516.03.E.1.a A fire suppression system designed for the installation in a kitchen hood to protect kitchen appliances and the kitchen hood exhaust system. The suppression system must provide protection of the kitchen cooking appliances, the kitchen exhaust hood, and the exhaust plenum portion of the hood connection to the exhaust duct.

2516.03.E.1.b The kitchen exhaust hood and the exhaust ducting must be solely dedicated to the exhaust of grease laden vapors and must be separated from all other exhaust systems.

2516.03.E.1.c Kitchen ducts shall be constructed and supported of carbon steel with minimum thickness of .060 in. (1.52 mm) or stainless steel with minimum thickness of .048 in. (1.21 mm) or Galvalume meeting the Japan Building Codes for thickness. Factory-built grease ducts listed to UL 1978 or equivalent regional standard shall be permitted.

2516.03.E.1.d Kitchen exhaust duct system must be constructed and installed so that grease cannot collect or leak from any joint in any portion of the exhaust system.

2516.03.E.1.e Grease duct cleanout access panels must be provided to allow inspection and cleaning of all sections of the duct system. Access hatches must not be spaced more than 19'-8"/6 m apart.

2516.03.E.1.f In all buildings more than one story in height exhaust ducts shall be provided with a fire resistive enclosure. For buildings less than or equal 46'-0"/14 m enclosures shall have a 1 hour fire resistance rating. Buildings greater than 46'-0"/14 m shall have a two hour fire resistance rating.

2516.03.E.1.g Clearance of non-enclosed kitchen exhaust ducts to the surface of: combustible materials must not be less than 18"/457 mm, limited combustible materials 3"/76 mm , noncombustible material 0"/0 mm. Clearance criteria may be modified by the use of equipment/assemblies specifically listed for use with kitchen hoods and approval by Hilton.

2516.03.E.2 New and replacement kitchen hood fire suppression systems referred to in 2516.03.E.1.a must be pre-engineered wet-chemical fire extinguishing systems rated compliant with UL 300 (www.ul.com).

2516.03.E.3 A manual shut off and reset valve for the gas supply must be provided along the means of egress from the cooking area.

2516.03.E.4 Activation of system must automatically shut down the fuel source to the cooking equipment and signal an alarm to the building fire alarm system.

2516.03.F Fire Extinguishers

2516.03.F.1 Portable fire extinguishers must be provided and installed in accordance with the AHJ.

2516.03.F.2 Fire extinguishers must be contained in fully recessed cabinets in public spaces as allowed by the AHJ.

2516.03.F.3 At a minimum, fire extinguishers must be provided in the following non public areas:

2516.03.F.3.a Office areas

2516.03.F.3.b Laundry

2516.03.F.3.c Engineering and mechanical spaces

2516.03.F.3.d Kitchens

2516.03.F.3.e Storage rooms (exempt where allowed by the AHJ when under 500 ft²/46 m² or within a travel distance of 75’-0"/23 m of another readily available extinguisher)

2516.03.G Special Hazards

2516.03.G.1 Special hazards must be reviewed by a qualified engineer. These hazards include, but are not limited to electrical transformer vaults, large gas or chemical storage facilities, and critical IT and/or PBX rooms. Suppression system is not required if the room is 2 hour rated construction and has an Addressable Smoke Detector.

2516.03.H Commissioning of Fire Suppression Systems

2516.03.H.1 All fire suppression systems must be formally and successfully tested based on the requirements of the standard referenced at Section 2516.03.A.2, prior to turnover for operational purposes. Commissioning activities must be witnessed by a qualified, independent third-party engineer approved by Hilton Architecture, Design & Construction.

2516.03.H.2 Project documentation, including specifications, test documentation and as-built shop drawings must be provided to the property operations staff.

2516.03.H.3 Testing and commissioning must verify the correct operation of all interfaces with ancillary systems, including the building fire alarm system.

2516.03.H.4 Provide demonstration and instruction of the installed equipment to selected members of the property operations staff.

2516.03.H.5 Provide written verification of testing, utilizing standard forms required by Section 2516.03.A.2. Where required, testing documentation must be furnished to the AHJ.

2516.04 Fire Detection, Communication and Alarm System

2516.04.A General

2516.04.A.1 All buildings must be provided with reliable capability to detect a fire incident, report the incident to hotel staff and initiate appropriate evacuation sequences.

2516.04.A.2 Fire alarm and detection systems must be designed by experienced and licensed fire protection design professionals subject to Hilton approval.

2516.04.A.3 All new and retrofit systems must utilize the point-addressable, distributed processing, distributed amplification technology providing a discrete system "address" for each individual initiating device.

2516.04.A.4 The design, installation and commissioning for a new fire detection and alarm system must provide a fully automatic fire detection and alarm system to satisfy the area coverage, and operational and performance criteria as outlined in this section.

2516.04.A.5 For new, renovated or altered systems, specifications meeting one of the following standards must apply:

2516.04.A.5.a NFPA 72 (National Fire Alarm and Signaling Code) – latest edition, www.nfpa.org

2516.04.A.5.b British Standard 5839 (Fire Detection and Fire Alarm Systems for Buildings) – latest edition, www.bsigroup.com

2516.04.A.5.c GB 50166 (Code for Installation and Acceptance of Fire Alarm System) – latest edition,www.china-fire.com

2516.04.A.6 All equipment including cabling must be supported and approved by one of the following testing laboratories:

2516.04.A.6.a UL (Underwriters Laboratories), USA, www.ul.com

2516.04.A.6.b Vds (Verband der Sachvershicherer), Germany, www.vds.de

2516.04.A.6.c BS (British Standards), www.bsigroup.com

2516.04.A.6.d CEN (European Committee for Standardization), www.cen.eu

2516.04.A.6.e 3C China Compulsory Certification by the “Certification and Accreditation Administration of the PRC”, www.cnca.gov.cn or www.ccc-cn.org

2516.04.A.6.f AS 1670 & AS 3786 – latest edition

2516.04.A.6.g New Zealand NZS 4512 – latest edition

2516.04.A.6.h Korean Fire Protection KFPA – latest edition

2516.04.A.6.i Japan Standards Association JSA – latest edition

2516.04.B Basic Design Principles

2516.04.B.1 All new and retrofit systems must be capable of expansion to support at least a ten percent increase in initiating, control and, notification appliance circuits.

2516.04.B.1.a Control cabinets, power supplies and amplifier capacities must be sized accordingly.

2516.04.B.1.b Spare cabinet and power supply capacity must be evenly distributed throughout the system.

2516.04.B.2 Where permitted by local code, all new and retrofit systems must incorporate an alarm verification function in the control panel for system-type smoke detectors. Alarm verification must not be provided for manual fire alarm boxes or water flow alarm switches.

2516.04.B.3 **Canada | United States:** Pre-signal alarms allowing time to investigate a detection device prior to general alarm are permitted provided the following conditions are met:
Mexico: Positive alarm sequence allowing time to investigate a detection device prior to general alarm is permitted provided the following conditions are met:

2516.04.B.3.a The local AHJ allows such arrangement.

2516.04.B.3.b Heat detectors and suppression system detection cause immediate evacuation sequence.

2516.04.B.3.c Subsequent devices in the same zone cause immediate evacuation sequence.

2516.04.B.3.d The time to investigate before a general evacuation sequence is less than four minutes.

2516.04.B.4 Where reliable conditioned commercial power and/or emergency power is not anticipated and in areas subjected to severe lightning, a UPS must be configured to protect the fire alarm central control equipment, and peripheral printers and terminals, against brownout and voltage transients for 24 hours. Upon utility power failure, the UPS must provide power to all connected loads per above. Design and installation must be coordinated with Section 2516.06.

2516.04.B.4.a At a minimum, provide a Power Conditioner/Voltage Regulator (PC/VR) for the fire alarm panel.

2516.04.B.4.b The PC/VR kVA output must be capable of supporting the fire alarm equipment.

2516.04.B.4.c The PC/VR must have Automatic Voltage Regulation capable of maintaining output voltage to within five percent of its nominal voltage rating with an input voltage variation of +15 percent to -25 percent.

2516.04.B.5 Transient surge suppression must be provided for each circuit connected to the fire alarm system that enters or exits the building housing the fire alarm control panel, or sub-panel.

2516.04.B.6 Where devices are located in unconditioned space, they must be suitable for such areas as determined by the manufacturer and protected from weather and corrosion.

2516.04.B.7 Hotels located within a mixed-use development must have a dedicated, hotel fire detection, communication and alarm system with equipment capable of interfacing with fire alarm signals from the entire development. Fire alarm interface equipment must be tied to an emergency power source.

2516.04.C Fire Detection

2516.04.C.1 **Canada | United States:** Local hard-wired single-station smoke detection with integral alarms, or addressable smoke detection with sounder base, must be installed in each sleeping area and sitting room of suites. Alarm signals can be supervisory
Mexico: Local hard wired single-station smoke detector with alarms or addressable smoke detection with sounder base must be installed in each sleeping area and sitting room of suites. Alarm signals can be supervisory.

2516.04.C.1.a Where two or more smoke alarms are located in a suite, they must be interconnected to alarm simultaneously.

2516.04.C.1.b Smoke alarms must be provided with integral battery-back up. Properties can utilizing wireless single-station alarms where the battery life is monitored by the panel and batteries are utilized with a shelf life rated at over 10 years and long-term discharge under low-discharge conditions rated at over 6 years.

2516.04.C.2 For buildings protected throughout by monitored suppression systems, addressable smoke detectors must be provided within each area as follows:

2516.04.C.2.a Interior guestroom corridors

2516.04.C.2.b Elevator lobbies

2516.04.C.2.c Mechanical rooms, electrical rooms, elevator/lift machine rooms and equipment/utility rooms.

2516.04.C.2.d Computer/telecom/PBX rooms

2516.04.C.2.e Storage rooms (over 35 ft²/3.25 m²)

2516.04.C.3 The use of smoke detectors must be limited, unless local codes require additional units or prohibit the removal of existing detectors. Existing detectors that provide serviceable control hardware, exhibit no false alarms and are generally stable are not required to be removed.

2516.04.C.4 In buildings that are not protected throughout by monitored fire suppression systems, fully addressable fire detection must be provided in all spaces. Except voids less than 32"/800 mm, public toilets, and small, non-occupied auxiliary buildings like storage or equipment rooms.

2516.04.C.5 In-duct smoke detectors must be provided downstream of air filters and prior to branch connections in air conditioning systems having a capacity greater than 2,000 ft³ per minute/944 L per second, and at each connection to a vertical duct or riser serving two or more stories.

2516.04.C.6 Duct detectors must provide a supervisory alarm only and not cause evacuation unless required by local code.

2516.04.C.7 Any detection device not accessible from the floor level must be provided with a remote test switch and indicator light.

2516.04.C.8 A manual fire alarm (manual call) station must be located in close proximity to the front desk.

2516.04.C.9 Manual fire alarm stations must be provided at each floor exit and exit to the exterior. If permitted by local code, manual fire alarm stations may be omitted on guest floors in sprinkler-protected buildings.

2516.04.C.10 Special fire suppression systems and kitchen hood systems must be monitored by the fire alarm system.

2516.04.C.11 Fire pump, emergency generator, sprinkler and standpipe system alarm and supervisory devices must be monitored by the fire alarm system.

2516.04.C.12 Projected beam-style smoke detection must be used within atriums. Individual, spot-type detectors must not be provided within atriums, unless required by the local AHJ.

2516.04.C.12.a Provide projected beam smoke detectors installed at every third level in accordance with the listing parameters of the selected device.

2516.04.C.12.b For irregular shaped atriums, more than one beam may be needed on each level, or an aspirating system may be necessary to provide required coverage.

2516.04.C.12.c Fire modeling must be used to determine type, location and style of coverage and to demonstrate that a smoke layer is maintained 6'-0"/1.83 m above the highest floor level of exit access, or unprotected opening to adjoining spaces.

2516.04.D Notification

2516.04.D.1 At a minimum, the following devices must provide fire alarm annunciation:

2516.04.D.1.a Main fire alarm control panel and printer

2516.04.D.1.b Remote annunciator in the security office

2516.04.D.1.c Remote annunciator at the front desk, PBX or other 24-hour staffed area

2516.04.D.1.d Color display terminal(s) with graphic capability (required at properties greater than 1,000 guestrooms and/or multi-building facilities)

2516.04.D.2 Audible notification appliances must be installed, spaced and tapped so as to produce a sound output on alarm that is clearly audible above the ambient noise level throughout the building.

2516.04.D.2.a In no case must the audible alarm be less than 15 dBA above the ambient room noise level or less than 5 dBA above the maximum ambient noise level in public and common areas, with a minimum of 65 dBA, and a maximum of 110 dBA.

2516.04.D.2.b In no case must the audible alarm be less than 75 dBA at the pillow level in all guestrooms, with intervening doors closed during the alarm.

2516.04.D.3 A speaker, local voice chip or horn must be provided in each guestroom and area used for sleeping purpose.

2516.04.D.4 Not Applicable to this Brand

2516.04.D.5 Notification appliance circuits must be arranged so that no single cut or fault will result in the failure of multiple zones.

2516.04.D.6 In-Building Fire Emergency Voice/Alarm Communication Systems (EVACS)

2516.04.D.6.a EVACS must be provided for areas in buildings where the highest occupied floor is greater than 98'-4"/30 m above the level of exit discharge and/or buildings containing assembly areas designed for 1,000 or more persons. Exception: A voice chip installation will be acceptable where a Hilton approved third party FLS consultant provides an engineered strategy supporting this type of solution, the installation is approved by the local AHJ and there is a full simultaneous building evacuation strategy demonstrating the correct means of managing an evacuation that will not produce a higher risk to the building occupants.

2516.04.D.6.a.1 **Mexico:** Voice messages shall not be required to meet the audibility requirements of 2516.04.D.2, but shall meet the intelligibility requirements of 2516.04.D.6.a.2 through 2516.04.D.6.a.4 where voice intelligibility is required.

2516.04.D.6.a.2 **Mexico:** ADSs (acoustically distinguishable spaces) shall be determined by the FLS consultant and the system designer during the planning and design of all emergency communications systems.

2516.04.D.6.a.3 **Mexico:** FLS consultant and system designer must identify the intelligibility requirements for all ADSs.

2516.04.D.6.a.4 **Mexico:** The intelligibility of an emergency communication system is considered acceptable if at least 90 percent of the measurement locations within each ADS have a measured STI of not less than 0.45 (0.65 CIS) and an average STI of not less than 0.50 STI (0.70 CIS).

2516.04.D.6.b Speakers must be equipped with variable watt input taps and provide voice instructions in the local language and English, at a minimum.

2516.04.D.6.c Speakers must be located in the following areas:

2516.04.D.6.c.1 **Canada | Mexico | United States:** Each guestroom and parlor

2516.04.D.6.c.2 Public assembly rooms

2516.04.D.6.c.3 Corridors and elevator lobbies

2516.04.D.6.c.4 Rooms over 1000 ft²/92 m²

2516.04.D.6.c.5 Every fifth floor in interior exit stairs

2516.04.D.6.c.6 Mechanical rooms

2516.04.D.6.c.7 Roof areas accessible by exit stairs or ladders

2516.04.D.7 Speakers must be zoned by floor, except stairs must be zoned by individual stairway. No Single cut or fault shall render more than one floor inoperative.

2516.04.D.8 Visible notification appliances must be installed in the following areas, which must activate automatically upon any alarm within the building, including but not limited to:

2516.04.D.8.a Guest floor corridors - Adjacent to the exits and transition points unless a risk assessment study, provided by a professional FLS Consultant, proves not necessary.

2516.04.D.8.b **Canada | United States:** Hearing impaired guestrooms
Mexico: Accessible/hearing impaired guestrooms

2516.04.D.8.c Public restrooms - 1 Speaker/Horn combination unit min/room unless a risk assessment study proves not necessary.

2516.04.D.8.d Meeting rooms - 1 Speaker/Horn combination unit min/room unless a risk assessment study proves not necessary.

2516.04.D.8.e Dining rooms - 1 Speaker/Horn combination unit min/room unless a risk assessment study proves not necessary.

2516.04.D.8.f Ballrooms - 1 Speaker/Horn combination unit min/room unless a risk assessment study proves not necessary.

2516.04.D.8.g Common area corridors - Adjacent to the exits and transition points unless a risk assessment study proves not necessary.

2516.04.D.8.h Back-of-house areas having high ambient noise conditions

2516.04.D.9 **Canada | United States:** Activation of the smoke detector in the hearing impaired guestroom must cause activation of the visible notification appliance in that room and other devices as required by local codes.
Mexico: Activation of the smoke detector in the accessible/hearing impaired guestroom must cause activation of the visible notification appliance in that room and other devices as required by local codes.

2516.04.D.10 **Canada | United States:** Activation of the corridor notification appliance circuit must cause activation of the visible notification appliance in the hearing impaired room(s) on that floor and other devices as required by local codes.
Mexico: Activation of the corridor notification appliance circuit must cause activation of the visible notification appliance in the accessible/ hearing impaired room(s) on that floor and other devices as required by local codes.

2516.04.E Interfaces and Other Devices

2516.04.E.1 Fire alarm signals must be coordinated with the building automation systems, mechanical systems and security systems in the design of the fire alarm system.

2516.04.E.2 Magnetic door holders must be provided for self-closing fire doors that are required to be in the open position for business operations.

2516.04.E.3 Control devices must be provided to shut off music and other entertainment devices that would interfere with the operation of notification systems.

2516.04.E.4 Door locking systems must be de-energized during a fire alarm event.

2516.04.E.5 Elevator lobby smoke detectors operation must cause all elevator cars to recall in the elevator bank affected. In buildings under 46'-0"/14 m the local AHJ will determine.

2516.04.E.6 **Canada | United States:** Hard-wired carbon monoxide detectors must be provided in the room or area of origin for all areas utilizing fuel-fired equipment, such as but not limited to, kitchen, boiler room, enclosed generator room, fire pump room with diesel fire pump, chiller plantroom and rooms with fireplaces. Combination smoke/carbon monoxide detectors are permissible. Refer to local codes and ordinances for additional requirements.
Mexico: Carbon monoxide detectors must be provided in the room or area of origin for all areas utilizing fuel-fired equipment, such as but not limited to, kitchen, boiler room, enclosed generator room, fire pump room with diesel fire pump, chiller plantroom and rooms with fireplaces. Combination smoke/carbon monoxide detectors are permissible. Refer to local codes and ordinances for additional requirements.

2516.04.E.7

Provide a system operational matrix for all components, specific to the property and systems related to fire and/or emergency incidences. The following matrix is intended as an example only. The project-specific matrix must be approved by Hilton Architecture & Construction during design development.

Output (across) Input (down)	Audible Signal In Guest Room	Visible Signal In Guest Room	Alarm Receipt At Control Panel	Receipt At System Printer	Alarm Receipt At Central Control Station	Trouble Signal Receipt At Control Panel	Supervisory Signal Receipt At Control Panel	Audible/ Visible Signal At Fire Area	Activate Smoke Mode In Fire Area	Release Door Holders In Fire Area	Elevator Recall	Music/ Enter-tainment Shut Down
Single Station Guest Room Smoke Alarm	X											

Output (across) Input (down)	Audible Signal In Guest Room	Visible Signal In Guest Room	Alarm Receipt At Control Panel	Receipt At System Printer	Alarm Receipt At Central Control Station	Trouble Signal Receipt At Control Panel	Supervisory Signal Receipt At Control Panel	Audible/ Visible Signal At Fire Area	Activate Smoke Mode In Fire Area	Release Door Holders In Fire Area	Elevator Recall	Music/ Enter-tainment Shut Down
Accessible Guest Room Smoke Detector	X	X										
Guestroom System Smoke Detector	X			X			X					
Area System Smoke Detector			X	X	X			X	X	X		X
Elevator Lobby Smoke Detector			X	X	X				X	X	X	
Duct Type Smoke Detector							X		X			
Heat Detector			X	X	X			X	X	X		
Water Flow Switch			X	X	X			X	X	X		X
Manual Fire Alarm Station			X	X	X			X		X		X
Special Suppression Systems			X	X	X			X	X	X		X
Valve Supervisory Switch				X	X		X					
Fire Pump Signals				X		X	X					
System Trouble				X	X	X						

Output (across) Input (down)	Audible Signal In Guest Room	Visible Signal In Guest Room	Alarm Receipt At Control Panel	Receipt At System Printer	Alarm Receipt At Central Control Station	Trouble Signal Receipt At Control Panel	Supervisory Signal Receipt At Control Panel	Audible/ Visible Signal At Fire Area	Activate Smoke Mode In Fire Area	Release Door Holders In Fire Area	Elevator Recall	Music/ Enter-tainment Shut Down
Emergency Generator Signals				X		X	X					
CO Detection				X	X		X					
CO Detection (Guestroom)	X	X										

2516.04.F Installation

2516.04.F.1 New and retrofit fire detection and alarm systems must be installed meeting the requirements of the standard referenced at Section 2516.04.A.5 and the manufacturer. The following provisions are supplemental requirements:

2516.04.F.1.a Fire detection and alarm cable, where used and not installed in metal conduit or raceway, must be mechanically protected by building construction. Installation must be in areas not subjected to mechanical damage.

2516.04.F.1.b All cable that is not enclosed by conduit must be supported and anchored with nylon straps or clamps. Staples are prohibited. Fire alarm cable must be supported by the building structure at intervals not greater than 10’-3”/3.05 m. Cable installed above drop ceilings must not be laid on ceiling tiles. Circuits must not be fastened in such a manner that puts tension on the cable.

2516.04.F.1.c All cable runs must be continuous between devices, without splices. Where a continuous run is not feasible, connections must be made using terminal blocks installed in a metal electrical box. All other connections must be to terminal blocks. Wire nuts must not be permitted. Cables connected together must have the same color insulation.

2516.04.F.1.d All cable must be sized, twisted and shielded and installed as required by protocols established by the fire alarm system manufacturer.

2516.04.F.1.e All electrical enclosures, raceways and conduits must contain only those electrical circuits associated with the fire detection, emergency communications and alarm system and must not contain any circuits that are unrelated to the system.

2516.04.F.1.f All electrical circuits must be numerically identified at both ends with wire taped numbers.

2516.04.F.1.g All underground cabling must be listed for fire alarm service and for direct burial. Underground cabling must be installed in liquid-tight PVC conduit with no splicing below ground. Provide additional ground wire within conduit to maintain reference ground on system between buildings.

2516.04.F.1.h All conduit, junction boxes and enclosures subjected to moisture must be weatherproof.

2516.04.G Commissioning and Acceptance

2516.04.G.1 All systems must be formally and successfully tested, based on the requirements of the standard referenced at Section 2516.04.A.5, prior to turnover for operational purposes. Commissioning activities must be witnessed by a qualified, independent third-party.

2516.04.G.2 Testing must be documented in accordance with the standard referenced at Section 2516.04.A.5. Project documentation, including specifications, test documentation and as-built shop drawings must be provided to property operations staff.

2516.04.G.3 System software, including security of stored information and reprogramming capability must be provided to property operations staff.

2516.04.G.4 Where required, testing documentation must be furnished to the applicable AHJ.

2516.04.G.5 Testing and commissioning must verify the correct operation of all interfaces with ancillary systems, including automatic sprinklers, heating and air conditioning, elevators, smoke control and emergency generators.

2516.04.G.6 Provide demonstration and instruction to selected members of the property operations staff of the installed equipment.

2516.04.G.7 Provide written verification of testing utilizing standard forms required by the standard referenced at Section 2516.04.A.5.

2516.05 Means of Egress

2516.05.A General

2516.05.A.1 Fire/emergency exits must be provided as follows:

2516.05.A.1.a A minimum of two exits must be provided for each floor, new build properties must provide a minimum separation of one third of the diagonal distance of the floor.

2516.05.A.1.b A minimum of two exits must be provided from within an individual room where room occupant load exceeds 50 persons. New build properties must provide 2 exits separated at a minimum of one third of the diagonal distance of the room.

2516.05.A.1.c Where occupant load exceeds 500 persons on a floor or within a room, a minimum of three exits must be provided.

2516.05.A.1.d When occupant load exceeds 1000 persons on a floor or within a room, a minimum of four exits must be provided.

2516.05.A.2 Occupant loads, for calculating egress width, must be calculated using the following:

Occupant Load		
Use	**ft² / person**	**m² / person**
Assembly – No fixed seating, concentrated (chairs only)	7 net	0.65 net
Assembly – No fixed seats, less concentrated (tables and chairs – such as restaurants)	15 net	1.4 net
Assembly – Pre-function area	5	0.47
Kitchens	100	9.3
Swimming Pools	50	4.6
Swimming Pool Deck Areas	30	2.8
Property Guestroom Areas	200	18.6
Storage / Mechanical	500	46.5
Retail	30	2.8
Fitness Centers with Equipment	50	4.6

2516.05.A.3 Occupant load calculations in assembly areas must be based on the higher of either the pre-function or assembly area loads.

2516.05.A.4 Total exit width provided must be calculated based on capacity factors of inches/mm per person as follows:

2516.05.A.4.a Stairways - 0.3”/7.6 mm or develop a model based on NFPA 101

2516.05.A.4.b Doorways and level travel - 0.2”/5 mm or follow NFPA 101

2516.05.A.5

Travel distances must comply with the following or provide a timed egress analysis, by a professional Fire Life Safety Consultant as an alternative:

Travel Distance Requirements		
	With Sprinklers	**Without Sprinklers**
Travel distance from a guestroom door to an exit	200 ft/61 m	150 ft/46 m
Travel distance to an exit for all other areas	250 ft/76 m	200 ft/61 m
Common path of travel to an exit	100 ft/30 m	75 ft/23 m
Maximum dead-end corridors	65 ft/20 m	50 ft/15 m

2516.05.A.6 Egress corridors must be a minimum of 44”/1.12 m clear width. Existing properties can be a min 36"/900 mm.

2516.05.A.7 Headroom clearance in all egress paths must be a minimum of 80”/2.03 m. Exception, non guest access routes can have limited points due to structure or mechanical obstruction at no less than 75"/1.9 m with warning pads mounted at both sides of the obstruction.

2516.05.A.8 Exit paths through an intervening room or space is allowed when all of the following are met:

- 2516.05.A.8.a The intervening room or area is of no greater hazard.
- 2516.05.A.8.b There is a clear and unobstructed path to an exit.
- 2516.05.A.8.c There is not more than one intervening room or space to pass through.

2516.05.B Stairs

2516.05.B.1 A minimum of two exit stairs must serve each floor above or below grade. Existing properties can utilize one stair if the highest occupancy load is less than 15 persons total and the building is sprinklered. See 2516.03.A.1.f

2516.05.B.2 Stairs must have a minimum clear width of 44”/1.1 m. Existing properties can be a min 36"/900 mm.

2516.05.B.3 Tread depth for the full width of exit capacity must be:

- 2516.05.B.3.a New stairs – a minimum of 11”/279 mm.
- 2516.05.B.3.b Existing stairs – a minimum of 9”/225 mm.

2516.05.B.4 Riser height must be:

- 2516.05.B.4.a New stairs – a maximum of 7”/179 mm.
- 2516.05.B.4.b Existing Stairs – a maximum of 8”/203 mm.

2516.05.B.5 Egress stairs serving occupied floors above 98’-4”/30 m to the level of exit discharge must be classified as smoke proof enclosures using one of the following methods:

- 2516.05.B.5.a Mechanical ventilation
- 2516.05.B.5.b Natural ventilation
- 2516.05.B.5.c Enclosure pressurization

2516.05.B.6 Open external egress stairs serving floors within one level of the level of exit discharge are allowed when designed to prevent the accumulation of water. Open external egress stairs serving floors more than one level away from the level of exit discharge are allowed except in areas subject to freezing where the stairs must be protected from ice and snow built-up.

2516.05.B.7 Scissor stairs may be utilized, where allowed by local code, provided no penetrations exist between the stairs and each stair is separated by rated construction as required in Sections 2516.02.C and 2516.02.D.

2516.05.B.8 All stairs must discharge to the exterior.

- 2516.05.B.8.a Where local code allows, and the building is protected by automatic suppression, 50 percent of occupant load may discharge to a lobby with a clear path to the exit when the lobby is at level of exit discharge. Alternative exit discharge arrangements must be supported by approved performance based design by a professional Fire Life Safety Consultant.

2516.05.B.9 Enclosed egress stairs must not be used for any other use. Storage is prohibited within the egress stairs' fire rated enclosures.

2516.05.B.10 Stair Handrails and Guards

2516.05.B.10.a Handrails must be provided on each side at all egress stairs.

2516.05.B.10.b Inside handrails at turns of stairs must be continuous.

2516.05.B.10.c Handrails must be located between 34”/864 mm and 38”/965 mm above the stair tread nosing.

2516.05.B.10.d **Canada | United States:** A minimum clearance of 1.5"/38 mm must be provided between the handrail and the wall unless local code determines otherwise.
Mexico: A minimum clearance of 1.5"/38 mm must be provided between the handrail and the wall.

2516.05.B.10.e Guardrails must be provided at top stair landings, as well as along stair runs and at intermediate landings when the gap between runs is greater than 10”/250 mm.

2516.05.B.10.f Guardrails must be not less than 42”/1.1 m high.

2516.05.B.10.g Open guardrails must have intermediate rails or ornamental pattern such that a 4”/100 mm diameter sphere is not able to pass through, and the pattern must minimize the ability to climb.

2516.05.B.11 Normally unoccupied spaces, such as mechanical or storage rooms, must not open directly to egress stairs.

2516.05.B.12 No wiring or ductwork is permitted within the exit enclosure except for that which is necessary to serve the exit.

2516.05.B.13 All exits must discharge to an open area considered as a public way, or lead to a public way via an unobstructed path.

2516.05.B.14 Buildings that are not fully sprinklered must have an area of refuge with communication to the PBX that accommodates one wheelchair per 200 persons for each floor.

2516.05.C Doors

2516.05.C.1 All doors in a path of egress must have a minimum of 32”/800 mm of clear width, including guestroom doors.

2516.05.C.2 All egress doors must swing in the direction of egress when serving 50 or more persons in the space.

2516.05.C.3 All egress doors serving an exit enclosure or exit discharge must swing in the direction of egress.

2516.05.C.4 Door latches must have active lever hardware, requiring an obvious one-hand method of operation. For instances when panic hardware is required instead of lever hardware, refer to 2516.05.C.5.

2516.05.C.5 When latching hardware is provided at doors serving 100 or more persons, panic hardware must be provided instead of levers. Panic hardware is also required at all exit doors to the exterior.

2516.05.C.6 Electronically access-controlled doors in an egress path must meet all of the following:

2516.05.C.6.a Open upon activation of the fire detection and alarm system.

2516.05.C.6.b Provided with a manual releasing device within 5’-0”/1.52 m.

2516.05.C.6.c Unlock upon loss of power to the device.

2516.05.C.7 Opening force for any door in an egress path must not exceed the following:

2516.05.C.7.a 15 lbf/67N to release latch

2516.05.C.7.b 30 lbf/133N to set in motion

2516.05.C.7.c 15 lbf/67N to fully open

2516.05.C.8 Locks, if provided, must not require the use of a key, a tool, or special knowledge or effort for operation from the egress side.

2516.05.D Not Applicable to this Brand

2516.05.E Egress Signage

2516.05.E.1 Exits and exit access must be marked with exit signs that are readily visible in the path of egress.

2516.05.E.2 Exit signs must be internally or externally illuminated at all times.

2516.05.E.3 In the event of power failure, emergency power must be supplied for the exit signage for a minimum of 60 minutes.

2516.05.F Egress Lighting

2516.05.F.1 Emergency lighting must be designed to provide sub circuit protection in all areas via a central battery cubicle, by self-contained fittings. The lights and circuits must be included on the generator supplies under total building failure.

2516.05.F.2 The means of egress, paths leading to a public way, and the public way must be illuminated at all times the building or space is occupied.

2516.05.F.3 Emergency light levels must reach 50 percent output within five seconds and 100 percent output within 60 seconds.

2516.05.F.4 Mandatory lighting must achieve a minimum illumination level of 1 ft-candle/10 lux at the floor for the following locations: stairs landings, change of levels, change of direction, intersections, at emergency stairwell doors (corridor side), at emergency exit doors from areas of risk such as kitchens and public assembly spaces and at emergency exit doors from back of house spaces (plant rooms, plumbing/sprinkler rooms, switchgear/transformer rooms, etc.)

2516.05.F.5 Mandatory lighting must achieve a minimum illumination level of 0.5 ft-candle/5.4 lux at the floor directly in front of all firefighting equipment/ appliances, fire panels and pull stations, throughout the entire property.

2516.05.F.6 Infill lighting between mandatory lighting along the means of egress, must achieve an average minimum illumination level of 0.5 ft-candle/5.4 lux at the floor and, not less than 0.1 ft-candle/1.1 lux at any point, along the entire means of egress at floor level and at the public way.

2516.05.F.7 In the event of power failure, emergency power must be supplied for the egress lighting for a minimum of 60 minutes.

2516.06 Emergency Power

2516.06.A General

2516.06.A.1 All properties must be provided with reliable emergency electrical power capability. In the event of loss of normal power service, the emergency service must be designed to provide power to building systems critical to the safety/security of property guests and team members. Requirements for business critical systems and functions must be referenced at Section 2514.08.

2516.06.A.2 Failure of normal electrical power must result in the automatic transfer of critical electrical loads to an Emergency Power Supply (EPS). Acceptable sources of emergency power include:

2516.06.A.2.a Dedicated emergency generators

2516.06.A.2.b Batteries

2516.06.A.2.c Power feed from a reliable electrical supply verified to be independent of the property's primary electrical feed.

2516.06.A.3 Critical loads must be permanently and reliably connected to the EPS.

2516.06.A.4 Technical requirements for EPS components including generators, fuel tanks, controllers and automatic transfer switches; design and installation methodology; and commissioning practices must be consistent with recognized standards as specified by the equipment manufacturers and accepted by the responsible AHJ.

2516.06.A.5 Emergency generator(s) provided to satisfy EPS requirements must be in a weatherproof enclosure, and consider:

2516.06.A.5.a Separation between adjacent equipment and building spaces

2516.06.A.5.b Ventilation requirements

2516.06.A.5.c Fuel system safety

2516.06.A.5.d Vibration and noise, and exhaust discharge

2516.06.A.5.e Exposure to seismic activity, wind loading, hurricane/cyclone and tornado exposure

2516.06.A.6 In the event of loss of standard electrical power, at a minimum, EPS capability must be provided to:

2516.06.A.6.a Safely maintain guests and team members within the property until restoration of standard power.

2516.06.A.6.b Maintain the ability to safely evacuate the property including:

2516.06.A.6.b.1 The provision of lighting levels through designated means of egress and at control points (front desk, security, fire command)

2516.06.A.6.b.2 Emergency signage

2516.06.A.6.b.3 Power for emergency operations of elevators when required by the local AHJ

2516.06.A.6.b.4 Power for communications including the building fire alarm system and telephone equipment

2516.06.A.6.c Maintain systems critical to life safety and security in operational readiness, including:

2516.06.A.6.c.1 Fire pump(s) when required to meet the standards set forth in 2516.03.C and 2516.03.D.

2516.06.A.6.c.2 Smoke control and stairwell pressurization equipment

2516.06.A.6.c.3 All security-related equipment and devices including security office(s), remote sensors/detectors and cameras

2516.06.A.6.c.4 All electrically-controlled locking/unlocking mechanisms

2516.06.A.7 Electrical loads critical to life safety, fire protection and security must take precedence over all other electrical loads.

2516.06.A.8 For properties subject to natural events including hurricanes/cyclones, earthquakes, flooding/tidal waves, tornadoes, significant winter storms, wildfires and/or located in an area with unreliable standard power, consideration must be given to the provision of additional EPS capability. Duration of the EPS must be designed based on likely exposure to the identified hazard(s) and available fuel to resupply the property. No less than two days' supply of fuel must be provided based on the calculated loads where fuel resupply may be interrupted. Refer to Section 2514.08.C.4 for additional requirements.

2516.06.B Testing and Documentation

2516.06.B.1 The EPS must be formally and successfully tested for the automatic transfer and operation of equipment supplied.

2516.06.B.2 Provide demonstration and instructions to selected members of the property operations staff in the proper operation of the installed equipment.

2517.00 Accessibility Guidelines

2517.00.A ADA Requirements

United States: All hotels must comply with Title III of the Americans with Disabilities Act (“ADA”). Refer to Section 902.00 - Accessibility and to www.ada.gov for more information.

2517.00.B Disabled Codes/Laws Requirements

All properties within the Hilton Portfolio of Brands must be designed in compliance with local, regional and national codes or laws for disabled or universal access. The applicable code must be identified and provisions agreed upon in advance with Hilton in the country of operation. For countries without applicable codes, refer to the Hilton Accessibility Design Guide (HADG) for recommendations.

2517.00.C Existing Properties

Existing properties must comply at the time of refurbishment or as required by the local jurisdiction.

2517.00.D Owner Responsibility

The owner of the property is responsible for compliance with and the provision of all applicable codes. The owner is urged to seek appropriate council to ensure compliance. Hilton does not and cannot warrant conformance with or interpretation of any codes, laws or regulations relating to accessibility for individuals with disabilities.

2518.00 Technology Wiring Standards

2518.01 Application

Section 2518.00 details wiring requirements for the design and construction of new properties, conversion of existing properties, renovation of existing properties and new installations of cabling infrastructure under the Hilton Portfolio of Brands. These requirements are applicable to all properties within the Hilton system including owned, managed and franchised licenses.

2518.02 Approved Supplier

All systems must be supplied and installed by a vendor following the prescribed system installation guidance required by the manufacturer to qualify for the 25-year warranty. All cables must be certified through a 25-year warranty certification. For a list of alternative low voltage Original Equipment Manufacturers (OEM’s), reference the Cabling Center of Excellence on the Lobby.

2518.03 Wiring Standards (Voice and Data)

2518.03.A Structured Cabling System

The Structured Cabling System (SCS) must have a certified TIA/EIA or ISO standards based 25 year channel end to end performance warranty.

2518.03.B Distribution Tray of Cable Trays and Baskets

The building must be equipped with a distribution network of cable trays, baskets trays, and/or J-hooks. The containment must be located within communications risers, ceiling channels and raised floor voids. Separate containment must be installed for voice/ data and power cabling. All components shall be installed to the following standards.

ANSI/NECA/BICSI-568-2006 -- Standard for Installing Commercial Building Telecommunications Cabling
TIA-569 -- Commercial Building Standard for Telecommunications Pathways and Spaces
TIA/EIA-606 -- Administration Standard for Commercial Telecommunications Infrastructure

2518.03.C Enhanced Category 6 (Cat6) Cabling System

Category Cat6 channel compliant. Category 6 cable shall be either CMR or CMP, 100 ohm, 24 AWG, 4 pair, Unshielded Twisted Pair (UTP) In compliance with ANSI/TIA 568.2-D.2 for Category 6 performance, with swept frequency testing to at least 350MHz. The outermost jacket must be indelibly printed by the manufacturer with the name of the manufacturer, the UL rating, and incremental footage markings.CSA C22.2 approval or equivalent

2518.03.C.1 System Specification

2518.03.C.1.a The telecommunications cabling networks cabling system must be designed, manufactured, tested, and installed per manufacturer’s requirements and in accordance with the latest revision of the NFPA-70 (National Electrical Code®), state codes, local codes, requirements of Authorities Having Jurisdiction (AHJs), and the following standards, including the most current revisions, addendums, and any Technical Service Bulletins (TSBs) released at the time of bid.

ANSI/NECA/BICSI 607 – Standard for Telecommunications Bonding and Grounding Planning and Installation Methods for Commercial Buildings
ANSI/BICSI 002 Data Center Design and Implementation Best Practices
ANSI/TIA 568 Series – Telecommunications Cabling Standards
TIA-569 – Commercial Building Standard for Telecommunications Pathways and Spaces
TIA-606 – Administration Standard for Commercial Telecommunications Infrastructure
TIA-607 – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
TIA-526 Series – Standard Test Procedures for Fiber Optic Systems
NECA/FOA 301– Installing and Testing Fiber Optic Cables
TIA-942 – Telecommunications Infrastructure Standard for Data Centers
ISO/IEC 11801 – Generic Cabling for Customer Premises - Include only for International Projects

2518.03.C.1.a.1 BS EN 50173-1:2002 Class E

2518.03.C.1.a.2 ANSI/EIA-568-B

2518.03.C.1.b The cabling system must meet the permanent link and channel performances defined in these standards or better. The telecommunications cabling networks cabling system must be designed, manufactured, tested, and installed per manufacturer’s requirements and in accordance with the latest revision of the NFPA-70 (National Electrical Code®), state codes, local codes, requirements of Authorities Having Jurisdiction (AHJs), and the following standards, including the most current revisions, addendums, and any Technical Service Bulletins (TSBs) released at the time of bid.

ANSI/NECA/BICSI 607 – Standard for Telecommunications Bonding and Grounding Planning and Installation Methods for Commercial

Buildings
ANSI/BICSI 002 Data Center Design and Implementation Best Practices
ANSI/TIA 568 Series – Telecommunications Cabling Standards
TIA-569 – Commercial Building Standard for Telecommunications Pathways and Spaces
TIA-606 – Administration Standard for Commercial Telecommunications Infrastructure
TIA-607 – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
TIA-526 Series – Standard Test Procedures for Fiber Optic Systems
NECA/FOA 301– Installing and Testing Fiber Optic Cables
TIA-942 – Telecommunications Infrastructure Standard for Data Centers

2518.03.C.2 Components Specification

2518.03.C.2.a Cable

2518.03.C.2.a.1 Category Cat6 channel compliant. Category 6 cable shall be either CMR or CMP, 100 ohm, 24 AWG, 4 pair, Unshielded Twisted Pair (UTP) In compliance with ANSI/TIA 568-C.2 for Category 6 performance, with swept frequency testing to at least 350MHz. The outermost jacket must be indelibly printed by the manufacturer with the name of the manufacturer, the UL rating, and incremental footage markings. CSA C22.2 approval or equivalent

2518.03.C.2.a.2 The cable must have current independent third party approval status and must be audited and certified as 'fit for purpose' before handing to hotel.

2518.03.C.2.a.3 Existing buildings that have CAT5e cabling already installed and certified are not required to re-cable CAT6 unless undergoing major refurbishment (adjusting wall locations); however, valid network cable certification is required. Properties entering with pre CAT5e cabling or already within the Hilton system that perform a refresh or new installation of cabling infrastructure must meet current Wiring Brand Standards (2518.02 – 2518.10).

2518.03.C.2.b Connecting hardware

2518.03.C.2.b.1 Patch panels

2518.03.C.2.b.1.a Must be 19”/480 mm rack mounting; in exact multiples of 1U in height.

2518.03.C.2.b.1.b Cable termination must be LSA or 110 Insulation Displacement Connectors.

2518.03.C.2.b.1.c Front connectors must be RJ45 style ISO/IEC 11801, ANSI/TIA 568-C, IEC 60603-7-2/3 or EN 50173-2 568B wired depending on the location of the installation at a minimum. (‘A’ wired may be selected as an option.)

2518.03.C.2.b.1.d Electrical performance must be Category 6 (ANSI/TIA-568-C.2) or better.

2518.03.C.2.b.2 Connectors

2518.03.C.2.b.2.a Cable termination must be LSA or 110 IDC.

2518.03.C.2.b.2.b Connectors must be RJ45 style ISO/IEC 11801, ANSI/TIA 568-C, IEC 60603-7-2/3 or EN 50173-2 568B wired depending on the location of the installation at a minimum. (‘A’ wired may be selected as an option.)

2518.03.C.2.b.2.c Electrical performance must be Category 6 (ANSI/TIA-568-C.2) or better.

2518.03.C.3 Wall outlets

2518.03.C.3.a White plastic, 106C style or 1”/25 mm x 1-1/2”/37 mm modules. two or four-gang density.

2518.03.C.3.b Outlets in public areas that are connected to the Hilton network must be lockable and secured from external access. For Jack Module block-out Device Panduit part# PSL-DCJB-BL. For jacks that have Patch Cable inserted use Panduit part# PSL-DCLX-BL.

2518.03.C.4 Floor outlets

2518.03.C.4.a **Canada | United States:** Floor rated outlets/covers, 106C style or 1”/25 mm x 1-1/2”/37 mm modules
Mexico: White plastic, 106C style or 1”/25 mm x 1-1/2”/37 mm modules.

2518.03.C.5 Patch leads

2518.03.C.5.a Must be Category 6/Class E, UTP, small diameter patch cord constructed of 28 AWG with a nominal diameter of 0.150 in. (3.8mm), unshielded, twisted pair, stranded copper (dual-rated CM/LSZH) cable with high performance RJ45 modular plugs.

2518.03.C.5.b Connectors must be RJ45 Modular Plug style, and compliant with ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz.

2518.03.C.5.c Electrical performance must be Category 6 or better. Must meet all ANSI/TIA 568.2-D, ISO/IEC 11801 standards.

2518.03.D Installation specification

2518.03.D.1 The entire cabling system must be procured from one manufacturer and must be installed according to the manufacturer’s instructions by certified installers.

2518.03.D.2 Planning, quality control, and documentation must be according to ANSI/TIA/EIA 606A or BS EN 50174:2002 parts 1 and 2. External cables must be installed according to ANSI/TIA/EIA 758 or BS EN 50174-3:2003. Grounding and bonding must be in accordance with ANSI-J-STD-607-A or BS EN 50310:2000.

2518.03.D.3 100 percent of the installed cables must be tested. 100 percent of the test data must be reviewed and approved by the manufacturer and an independent third party before any warranty certificate is released.

2518.03.D.4 The Permanent Channel must be tested to IEC 61935 with a Level III (or higher) cable tester set to Class E Permanent Link referencing the Permanent Channel performance standards detailed in ISO 11801:2002, or Class E detailed in BS EN 50173-1:2002, or Cat 6 detailed in ANSI/TIA/EIA-568-B.

2518.03.D.5 The results must be stored in an electronic database compatible with the tester manufacturer's cable management program.

2518.03.D.6 The cabling must be covered by a Manufacturer's 25-year product and application warranty and installed by an installer accredited and trained by the manufacturer. Proof of training, which must be less than two years old, Training Certificate must accompany the test results submittals.

2518.03.D.7 A labeling and administration system must be designed into the cable system in line with BS EN 50174-1:2001 or ISO/IEC 14763-2 or ANSI/TIA/EIA-606-A. The numbering scheme must be Cabinet/Patch Panel/Patch Point – 2B/03/26, which would be Remote Cabinet 2B, Patch Panel in Cabinet 03, and Point 26. For guestrooms, it would be Room Number/ Patch Point – 101/A, which would be room 101 and Point A (Bedside).

2518.03.D.8 The cabling system must be Bonded and Grounded (earthed) according to the manufacturer’s instructions and ANSI/TIA/EIA-607 or BS EN50174-3:2003.

2518.03.D.9 Separation of power and data cables must be according to ANSI/TIA-569-C or EN 50174-2:2001 except where local or national electrical safety regulations require a greater separation.

2518.03.D.10 Optional: A cable containment system must be supplied according to BS EN 50174-2:2001, ANSI/TIA/EIA 569-B or ISO 14763-2.

2518.03.E LAN Application

2518.03.E.1 Any communications protocol designed for use on 100-Ohm (nominal) characteristic impedance Category6/Class E cabling system must operate satisfactorily on the installed cabling system. 'Satisfactory' means better than one in ten-to-the-power of 10 bit error rate whilst in the presence of up to 3 V/m external interference over 100 MHz for at least thirty minutes.

2518.03.E.2 LAN operation must be Gigabit Ethernet and follow IEEE 802.3ab standard.

2518.03.F EMC (Electromagnetic Compatibility) Performance

2518.03.F.1 The structured cabling system must comply with cable balance and EMC requirements of BS EN 50288-3-1:2003 and ISO 11801:2002 and must not degrade the EMC performance of any electrical device connected to it. The manufacturer must guarantee this facility.

2518.04 Horizontal Sub System

2518.04.A Horizontal Wiring

2518.04.A.1 In the context of this specification, horizontal wiring covers all copper Category 6 cabling between the MDF/IDF and the terminated RJ45 socket at the outlet location.

2518.04.A.2 Horizontal cabling must be arranged in a physical star topology radiating directly from the MDF/IDF to the outlet. Each outlet must be individually connected back utilizing a single cable to the MDF/IDF, no outlets must be connected in parallel or chain. There must also be no intervening connections between the outlet and the MDF/IDF, the cable must be continuous end-to-end.

2518.04.B Horizontal Cable Containment

2518.04.B.1 All horizontal Cat 6 cabling must be installed upon dedicated cable trays/baskets, J-Hooks or within conduits/multiple compartment trunks between the MDF/IDF and the outlet socket.

2518.04.B.2 The voice and data cables must not be installed within the same containment as any other services, and the minimum segregation spacing must be maintained to minimize data interference.

2518.04.C Patch Panels/Frames in General

2518.04.C.1 Voice and data patch panels must be manufactured to Category 6 Standard.

2518.04.C.2 The voice and data patch panels within the local computer rooms must be Modular Patch Panels mounted within equipment cabinets. The patch panels must have Insulation Displacement Connections (IDC) on the rear and RJ-45 8 position sockets on the front. The voice and data patch panels must have no fewer than 24 x RJ-45.

2518.04.D Voice Service Frames

2518.04.D.1 The Main Distribution Frame (MDF) within the main communications room must distribute voice services and must be of Krone type 108A Dual Vert complete with all necessary terminations as Krone type 237A.

2518.04.D.2 The frame must be secured to a 1”/20 mm plywood mounting board located adjacent to the PBX and the horizontal cabling racks within the main communications room.

2518.04.E Fiber Optic Patch Panels

2518.04.E.1 Fiber optic patch panels must be capable of housing no fewer than 12 x LC connectors. All fiber optic cores must be fusion spliced using pigtails onto LC connectors. Each fiber patch panel must use 1U of cabinet space and be located above the active components within the same cabinet or patch panels within the local communications rooms.

2518.04.E.2 Two categories of copper based, rack mounted patch frames are required within each communications room to support:

2518.04.E.2.a Termination of horizontal cabling from information outlets; on these panels there must be a definitive demarcation separating voice and data cabling. Patch panels must be RJ-45 modular in construction.

2518.04.E.2.b Termination of intra-building voice backbone cables, providing connectivity between voice services and the information outlet patch panels outlined above. The voice patch panels must be modular in construction and must contain no fewer than 24 x RJ-45 ports.

2518.04.F Backbone Cabling Within the Building

2518.04.F.1 Voice Backbone

2518.04.F.1.a Star topology copper based UTP backbone cables must distribute voice services from the MDF located within the main computer room to each of the local computer rooms. Sufficient wire pairs must be included to provide a service based on 1-pair modularity, plus 25 percent spare capacity.

2518.04.F.2 Data Backbone

2518.04.F.2.a The data backbone cabling between the main computer room and the local computer rooms must be plenum grade, 12 core 50/125 multimode and tight buffered fiber optic cable (OM3 or better). LC connectors must be used for all fiber optic connection. 10Gig Fiber Optic Cable is designed to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters for OM3 with an 850nm source per IEEE 802.3ae 10 GbE standard

2518.04.F.3 Intra-building Backbone Cable Routing

2518.04.F.3.a The main vertical and horizontal intra-building backbone cabling must be routed via a network of cable trays.

2518.05 Communications Cabinets

2518.05.A Specifications

2518.05.A.1 Communications cabinets must have 42U of usable frame height, 31”/800 mm x 42”/1070 mm and must provide a sufficient degree of protection to BS.5490 IP 20. Must also be UL Listed 2416, EIA-310-E TIA/EIA-942, and RoHS Compliant, The cabinets are required within each communications room (main and local) for the housing of the active components, modular patch panels (copper cables) and fiber optic patch panels. In the absence of active components specification details, it is assumed that the equipment will take up 17U of frame space. In instances where space is limited, a smaller dimension communications cabinet can be used but still must maintain the same protection to BS.5490 IP 20 standards while also being UL Listed 2416, EIA-310-E TIA/EIA-942, and RoHS Compliant.

2518.05.A.2 All cabinets must be uniform in manufacture, appearance and color (light grey / black). Each cabinet must be fitted with a lockable smoked glass or mesh front door and a lockable rear door. All cabinet doors must have locks operated by a single key. Each cabinet must incorporate removable side panels and cable management rings and brackets for the dressing of patch leads and cords.

2518.05.A.3 All cabinets must incorporate integrated surge protected power distribution unit (PDU) - 20A, 120V horizontal single phase PDU has (12) 5-20R receptacles, a 10' (3m) power cord with a NEMA 5-20P plug, and measures 1.6"H x 17.5"W x 2.0"D (40.6mm x 444.5mm x 50.8). UL Listed. Color: Black

2518.05.A.4 A gap of at least 6”/150 mm must be maintained between the front of the patch panels and the front of the cabinet.

2518.05.B Patch Cords / Leads

2518.05.B.1 Fiber Optic patch leads of 3’-3”/1.0 m length OM3 2-fiber, 1.6mm jacket, patch cord, Riser (OFNR) rated, LC duplex to LC duplex. Must be the same manufacture as all other products.

2518.05.C Device Leads

2518.05.C.1 Device leads from the data outlets to the user workstation must be provided with quantities and lengths confirmed by Hilton.

2518.06 Implementation and Hand-Over

2518.06.A Installation Quality

2518.06.A.1 The complete structured cabling system must be installed in accordance with the quality standards as applicable and in accordance with the manufacturer’s guidelines by manufacturer certified installers to obtain a 25 year full application channel warranty.

2518.06.A.2 Not Applicable to this Brand

2518.06.A.3 Where the structured cabling contractor is involved in the design element of the project, the nominated designer must be BICSI registered and hold the accredited RCDD status. And must be a full time W2 employee of the contractor's; MUST NOT be a subcontractor.

2518.06.B Testing

2518.06.B.1 All fiber tests need to performed according to the ANSI/TIA 568/569 or ISO-IEC 14763-2 standards. (Only certified passing test reports will be accepted. Test results should verify compliance with the designated performance requirement as specified in the Commercial Building Telecommunications Cabling Standards. Each trace must be recorded along with the test engineers name and signature.)

2518.06.B.2 Should the testing identify a failure, this must be immediately rectified and noted with the hand-over documentation under test failure. Where rectification is not possible then the cable and associated components must be replaced and removed from site.

2518.06.B.3 The cabling contractor must undertake to provide Hilton IT with advance knowledge of all testing activities and allow witness to the testing as required.

2518.06.C Manuals and Documentation

2518.06.C.1 The structured cabling contractor must provide the following items as hand-over documentation to Hilton nominated representatives at the conclusion of the project.

2518.06.C.1.a Two paper copies and a CD-ROM of all fitted drawings showing the cabling schematics, connectivity drawings, cabinet and frame schematics, all clearly showing label designations. All drawings must be produced using the latest version of AutoCAD for Windows and saved in .DWG or .DXF file format.

2518.06.C.1.b Communications cabinets and patch panel layouts.

2518.06.C.1.c A schedule of information outlets containing label designations and locations. The schedule must be presented in the form of a Microsoft Excel spreadsheet and be provided in both paper and CD-ROM formats.

2518.06.C.1.d Test results (copper and fiber) on paper and CD-ROM.

2518.06.C.1.e 25 year warranty application assurance certificate.

2518.07 Wireless Distribution

2518.07.A Wi-Fi UTP Cable, Category 6

The provisioning of Wireless Internet (Wi-Fi) services in the Hilton portfolio of brands require the installation of UTP cable, Category 6, from main computer room or intermediate data cabinets to locations throughout the hotel (see below) for the mounting, installation and servicing of Wireless Access Points (WAPs). All previous reference to conduit, cable placement and termination requirements for Category 6 cabling in this document must be adhered to for installation of this Wi-Fi cabling. The scope of this definition relates only to the design and installation of the cabling system for this Wi-Fi network. Reference to WAPs in this document is intended to give a point of reference for design of the cabling system.

2518.07.B Areas of Coverage

2518.07.B.1 Care must be taken to ensure the installation of enough infrastructure in these areas such that their subsequent division by mechanical or other partitions does not deteriorate signal reception in any one partitioned area. Guestrooms to include all space within all guestrooms, suites and parlors. These also include coverage for all fractional ownership or condominium units as may reside within the property.

2518.07.C Installation Parameters

2518.07.C.1 The installed infrastructure defined here must provide for the installation of WAPs such that the following criteria are met: WAPs must be securely mounted with a manufacturers bracket in a subdued and aesthetic manor. WAPs must be permanently accessible after installation to facilitate repair or replacement. WAPs must meet the engineering standards provided in the "Guest_Internet_Access_Network_Standards_Guide_Global.pdf" published on https://hilton.sharepoint.com/:b:/r/sites/TS_GlobalNetworkEngineering/Shared%20Documents/Network%20-%20External/Standards/Global%20Guest%20Internet%20Access%20Standards.pdf

2518.07.C.2 Cable runs for the Wi-Fi network must be terminated in 8pin RJ¬45 female jacks at the access point location. Jacks must be installed in wall plates if the WAP is to be mounted aesthetically in a visible location, and interconnected with the shortest possible patch cord to maintain a neat and tidy look and also to minimize tampering.

2518.08 Patch Cable Standards

2518.08.A Patch Panel Standards / Lead Colors

2518.08.A.1 Patch leads colors must be used to differentiate amongst various vendors / systems in all patch cabinets, for example, Internet access, digital TV systems, minibar, guest telephones, and cordless telephones.

2518.08.A.2

The Cat6 cables used must adhere to the following color code:

Main & Remote Computer Rooms	Color
Voice & Fax Lines	Light Blue
Server Connections	Red
Point of Sale	Black
Printers	Green
Guest Internet (incl Wireless Access Points)	Purple
Guest Minibar System	Orange
TV System	Yellow
Keycard System	White
Interfaces	Pink
Wireless Access Points (DECT, Hilton)	Brown
Electronic Meeting Signs	Light Grey
Cross-over Cables	Dark Blue
Desktops	Dark Grey

2518.08.B Patch Lead Standards - Devices

2518.08.B.1 All patch leads connecting devices to the network Cat6 sockets, i.e. desktop PCs, laptops, printers, etc must be grey.

2518.09 Guest Room Technology Services

2518.09.A Cabling Requirements

Canada | United States: CAT6 cabling is required for new hotels or hotels undergoing major refurbishment. Data services must be labeled accordingly. Each cable and patch cord within the guestroom must be Panduit brand and each exposed connection must have a Panduit lock, including connections for Connected Room, IP telephones, and minibars (as applicable).

Required CAT6 locations:

1. Telephone(s) - each phone requires a dedicated homerun cable
2. *Guest Internet access (WAP) and/or Television - if there are multiple TV’s in a guest room, each TV requires a dedicated homerun cable

*NOTE: A single homerun CAT6 cable connected to the passive network device (e.g., WAP, switch) may be used to connect a television by providing a patch cable from the location of the passive network device to the television. Cable management (e.g., smurf tube and 3-gang box) must be used to ensure there are no visible patch cables. Reference the Guestroom CAT6 Cabling Guide on designinformation.hilton.com.

Optional CAT6 locations:
1. Minibar (when applicable)

Mexico: CAT6 cabling is required for new hotels or hotels undergoing major refurbishment. Data services must be labeled accordingly. Panduit brand is recommended for cables, patch cords and locks, including connections for Connected Room, IP telephones, and minibars (as applicable).

Required CAT6 locations:
1. Telephone(s) - each phone requires a dedicated homerun cable
2. *Guest Internet access (WAP) and/or Television - if there are multiple TV's in a guest room, each TV requires a dedicated homerun cable

*NOTE: A single homerun CAT6 cable connected to the passive network device (e.g., WAP, switch) may be used to connect a television by providing a patch cable from the location of the passive network device to the television. Cable management (e.g., smurf tube) must be used to ensure there are no visible patch cables. Reference the Guestroom CAT6 Cabling Guide on designinformation.hilton.com.

Optional CAT6 locations:
1. Minibar (when applicable)

2518.09.B Edge-controller

Canada | United States: Hilton requires specific cables for each RJ45 connection and specific cable locks to secure each connection in the guest room (e.g., edge controller).

a. Panduit Part Numbers
   i. Cable Lock - PSL-DCPLE-BL-C
   ii. Patch Cable (feet) - UTP28SP*^
      1. * = Length
      2. ^ = Cable color (either black or white)
         a. White – default, no designation
         b. BL = Black
   iii. Patch Cable (meters) - UTP28SP*M^*M^
      1. * = Length
      2. ^ = Cable color (either black or white)
         a. White – default, no designation
         b. BL = Black

b. Installation Scenarios for Edge Controllers

i. Edge-controller (EC) on the back of the television connected directly to RJ45 wall jack [standard installation]
a. This scenario requires two (2) cable locks: one for the RJ45 wall jack and one for the RJ45 EC jack.
ii. Edge-controller (EC) connected to offset-mounted wall plate access point (WAP) (no electrical box or low voltage bracket) using the Meraki MA-MNT-MR-H2 wall mount bracket.
a. Three (3) cable locks are required: one for the RJ45 wall jack, one for the WAP LAN port, and one for the EC RJ45 jack.
iii. Edge-controller (EC) connected to flush-mounted wall plate access point (WAP) using the Meraki MA-MNT-MR-H3A wall mount bracket.
a. New construction must use a 3-gang electrical box: Two (2) cable locks are required: one for the extended ethernet jack, and one for the EC RJ45 jack. Existing hotels use a single-gang electrical box: One (1) cable lock is required for each device connection (e.g., EC RJ45 jack, VOIP phone, minibar, etc.).
b. The Meraki MA-MNT-MR-H3A must be locked using the OEM security screw included in the accessory kit.
iv. Submit any requested variation to guest_facing_technology@hilton.com for consideration.

Mexico: Hilton requires specific cables for each RJ45 connection and specific cable locks to secure each connection in the guest room (e.g., edge controller).

a. Panduit Part Numbers
i. Cable Lock - PSL-DCPLE-BL-C
ii. Patch Cable (feet) - UTP28SP*^
1. * = Length
2. ^ = Cable color (either black or white)
a. White – default, no designation
b. BL = Black
iii. Patch Cable (meters) - UTP28SP*M^*M^
1. * = Length
2. ^ = Cable color (either black or white)
a. White – default, no designation
b. BL = Black

b. Installation Scenarios for Edge Controllers
i. Edge-controller (EC) on the back of the television connected directly to RJ45 wall jack [standard installation]
a. This scenario requires two (2) cable locks: one for the RJ45 wall jack and one for the RJ45 EC jack.
ii. Edge-controller (EC) connected to offset-mounted wall plate access point (WAP) (no electrical box or low voltage bracket) using the Meraki MA-MNT-MR-H2 wall mount bracket.
a. Three (3) cable locks are required: one for the RJ45 wall jack, one for the WAP LAN port, and one for the EC RJ45 jack.
iii. Edge-controller (EC) connected to flush-mounted wall plate access point (WAP) using the Meraki MA-MNT-MR-H3A wall mount bracket.
a. New construction using a 3-gang electrical box: Two (2) cable locks are required: one for the extended ethernet jack, and one for the EC RJ45 jack. Existing hotels using single-gang electrical box: One (1) cable lock is required for each device connection (e.g., EC RJ45 jack, VOIP phone, minibar, etc.).

b. The Meraki MA-MNT-MR-H3A must be locked using the OEM security screw included in the accessory kit.

iv. Submit any requested variation to guest_facing_technology@hilton.com for consideration.

2518.10 Wiring Standards (Coaxial – MATV, CATV)

Canada | Mexico:
Hotels must install CAT6 to each guestroom. Coaxial cable infrastructure is optional. If hotels choose to use a coaxial cable infrastructure, they must install coaxial cable, homerun to each guestroom.
The following provides detailed specifications about the coaxial cabling. Hotels must consult their intended in-room entertainment provider to determine if there are additional wiring specifications or documentation. Hotels must work with a professional cable installer to design and install the cable plant. For IPTV installations, see CAT6 documentation in Section 2518.03 and 2518.09.

United States: Hotels may choose to install only CAT6 in guest rooms if all of the following conditions are met:

1. UnoNet must be installed prior to opening.
2. Connected Room must be installed prior to opening. Hotel must purchase Smart TVs. Hotels installing Connected Room simultaneously with the new TVs may rely on the Edge Controller (i.e., Smart TVs are not required) and must choose an approved model. See www.hiltonhdtv.com for a list of approved TVs.
3. Hotel must use a Hilton Guest Facing Technology Program vendor that is approved to provide IPTV FTG.

Coaxial cable infrastructure is optional in guestrooms, but required in public spaces. If hotels choose to use a coaxial cable infrastructure, they must install coaxial cable, homerun to each guestroom. The following provides detailed specifications about the coaxial cabling. Hotels must consult their intended in-room entertainment provider to determine if there are additional wiring specifications or documentation. Hotels must work with a professional cable installer to design and install the cable plant. For IPTV installations, see CAT6 documentation in Section 2518.03 and 2518.10.

2518.10.A System Specifications

System Specifications All installations must conform to relevant standards and safety specifications for the appropriate region. These may include:

2518.10.A.1 MATV Installations: ANSI/SCTE 40 2004 (US), BS EN 50083 (UK)

2518.10.A.2 Coaxial Cables: ANSI/SCTE 74 2003 (US), BS EN 50117 (UK)

2518.10.A.3 Grounding of coaxial antenna systems: outlined in NEC Article 250 (US), ANSI/NFP 70 (US), BS EN 50310 and section 2518.8.5 (UK)

2518.10.B Cable Types

2518.10.B.1 Coax The cable must meet or exceed specifications in ANSI/SCTE 74 2003 (US), BS EN 50117 (UK) or local equivalent standards, as follows:

2518.10.B.1.a **Canada | United States:** Room drop maximum 150ft: RG-6 dual-shielded, Belden or Commscope or equivalent
Mexico: Room drop maximum 50m: Webro WF 100 or CT 100 or equivalent

2518.10.B.1.b **Canada | United States:** Feed trunk cable maximum – 230ft: RG-11 dual-shielded, Hard-line/.500 or greater, Belden or Commscope or equivalent
Mexico: Feed trunk cable maximum 50m: Webro WF 100 or CT 100 or equivalent

2518.10.B.1.c **Mexico:** Feed trunk cable over 50m: Webro WF 165 or CT 125 or equivalent

2518.10.B.1.d **Canada | United States:** Core trunk cable between MDF and all IDFs: RG-11 dual-shielded, Hard-line/.500 or greater, Belden or Commscope or equivalent
Mexico: Core trunk cable between MDF and all IDFs: Webro WF 233 or CT 233 or equivalent

2518.10.B.1.e **Canada | United States:** Cabling must be 60% braid, solid copper center conductor rated for 5MHz - 1GHz.

2518.10.B.1.f **Mexico:** CATV wiring design must provide/compensate for longer runs

2518.10.B.2 Fibre

Use if the satellite dish is located more than 150m/500ft from the head end:

2518.10.B.2.a Single Mode G.657.A 3mm armoured or equivalent, terminated with SC/APC terminations

2518.10.C Connections

All coaxial network connections must be as follows:

2518.10.C.1 **Canada | United States:** Compression F-type connectors

2518.10.C.2 **Canada | United States:** Properly mated and tightened to approximately 30 in/lbs of torque

2518.10.C.3 **Mexico:** Fully screened

2518.10.C.4 **Mexico:** F-Type connectors

2518.10.D Signal Level

Measured at room outlet:

2518.10.D.1 **Canada | United States:** Head End System Wiring (HD/QAM256)
Mexico: Head End System Wiring (DVB-T/T2/C [digital signal distribution])

2518.10.D.1.a **Canada | United States:** Bandwidth sweep tested from: 5MHz to 1GHz, signal level: -10 to +10dB
Mexico: Signal level: 45db – 65dB

2518.10.D.1.b **Canada | United States:** Modulation Error Ratio (MER): 37-40dBmV
Mexico: Minimum Signal to Noise Ration (SNR): 26dB

2518.10.D.1.c **Mexico:** Minimum Bit Error Ratio (BER): <2.0 E-04 (Pre Viterbi)

2518.10.D.1.d **Mexico:** Maximum Composite Triple Beat (CTB): 53dB

2518.10.D.1.e **Mexico:** Maximum Composite Second Order (CSO): 53dB below measured carrier

2518.10.E Antenna

2518.10.E.1 All UHF antennas must incorporate a balun to ensure the matching of the dipole to the feeder cables.

2518.10.E.2 Antenna must be cabled from rooftop to MDF head end. See above for cabling length requirements.

2518.10.E.3 The aerial system, mounts, and support structures must be capable of withstanding winds of 100mph/160kph and take into account local environmental conditions (snow, ice, extreme wind etc.).

2518.10.F Satellite Dishes

2518.10.F.1 Satellite dishes must be constructed to withstand a wind speed of 60mph/100kph and be of an adequate size for the system concerned and take into account local environmental conditions (snow, ice, extreme wind etc.).

2518.10.F.2 Satellite must be cabled from rooftop to MDF head end and able to produce a 15dB carrier-to-noise level at the installations site for the given transponders being received. See above for cabling length requirements.

2518.10.F.3 Dishes must be aligned for maximum signal strength and carrier-to-noise ratios. The LNB must be aligned so that the horizontal and vertical transponders appear equal and give maximum rejection of the opposite polarity.

2518.10.G Coax Topology

2518.10.G.1 Head End System Wiring (i.e., HD/QAM/DVB-T/DVB-T2/DVB-C/digital signal distribution)

2518.10.G.1.a Wiring must be star topology or home run to each television. Run a single cable trunk feed from MATV head end (MDF) to a central point within each hotel corridor/riser/IDF closet. Use multi-output taps to distribute the signal; from the IDF, run one coaxial cable to each television.

2519.00 Signage and Graphics

For property identification signs, refer to https://designinformation.hilton.com.

2519.01 General Signage

2519.01.A All Signage

All signage, existing and replacement, must comply with these standards. Refer to Section 726.00 - Signage for Identity and Marketing requirements.

2519.01.B Relicensing/Change of Ownership Signage Requirement

Upon relicensing or change of ownership, existing signage must be brought up to current signage specifications as directed by Hilton.

2519.01.C Signage Approval

All signage must be approved by Hilton. Written approval must be obtained prior to fabrication and installation.

2519.01.D Non-English Speaking Locations

Signage in non-English speaking locations must be bilingual, in both English and the local language.

2519.01.E Etched Trademark Requirements

Trademarks owned by Hilton must not be etched in any construction surface where they become permanent and cannot be easily removed.

2519.01.F Construction Project Identification Sign

A construction project identification sign must be installed once construction begins.

2519.01.G Leisure Signage Standards

All safety signage symbols and colours, must be in-line with internationally recognised hazard and warning standards.

2519.02 Interior Signage

2519.02.A Interior Signage Design & Approval

Interior signage must be the Brand approved design. Refer to https://designinformation.hilton.com for Interior Signage Specifications.

2519.02.B Interior Signage Manufacturers

Canada | United States:
An approved sign manufacturer must fabricate all interior signage and wall graphics. Contact information may be found online at https://suppliersconnection.hilton.com

2519.02.C Public Area Glass Panels

In all public areas, glass panels (e.g., windows, glass doors, sidelights, etc.) which extend to the floor without a horizontal break or partition, or without decorative framing, must be identified with customized graphics where required by applicable law.

2519.02.D Directional Signage

2519.02.D.1 Interior corridor signage must be brought up to the current standard at the time of a Complete renovation within the corridor or Brand identity change at the time of any renovation.

2519.02.D.2 A comprehensive system of informational/directional signs must be installed directing guests to all appropriate facilities contained within the building.

2519.02.E Lobby Area Signage

2519.02.E.1 100 percent non-smoking hotels must have signage at the front entrance visible for any guest entering the building. It must not be displayed directly on the front doors or at the front desk.

2519.02.E.2 **Canada | United States:** “No Solicitation” signage is required at the main entrance of the hotel: “Solicitation, distribution, and/or trespassing anywhere on these premises by non-team members are prohibited at all times.”

2519.02.E.3 **Canada | United States:** Hotels must install the approved entry door graphics.
Mexico: Hotels must install brand graphic items at the front entry door, vestibule, front desk, soffit (where applicable), retail area, restaurant and bar. See https://designinformation.hilton.com for specifications.

2519.02.E.4 Prominently display the 100% Hampton guarantee & Making You Happy Makes Us Happy graphic in the vestibule.

2519.02.F Public Restrooms

2519.02.F.1 Public restrooms must be clearly identified using international symbols.

2519.02.G Food & Beverage

2519.02.G.1 **Canada | United States:** The hours of operation for the breakfast area must be included in the graphics/signage.
Mexico: The hours of operation for the HUB components must be included in the graphics/signage. See https://designinformation.hilton.com for specifications.

2519.02.H Commercial Facilities

2519.02.H.1 Hours of operation must be posted for the Guest Laundry (if applicable).

2519.02.I Not Applicable to this Brand

2519.02.J Not Applicable to this Brand

2519.02.K Fitness Center Signage

2519.02.K.1 **Canada | United States:** The facility must be clearly marked and identified with brand required graphics. Refer to https://designinformation.hilton.com for required signage vendor list.
Mexico: The facility must be clearly marked and identified with the approved Brand graphics. Refer to https://designinformation.hilton.com for required signage.

2519.02.K.2 Hours of operation must be posted for the Fitness Center.

2519.02.K.3 **Canada | United States:** Instructional signage must conform to the graphics and identity standards. In addition to any local law requirements and unless there is a conflict with local law, instructional signage must include the following fitness center guidelines at a minimum:

2519.02.K.3.a **Canada | United States:** Consult a physician before beginning an exercise program.

2519.02.K.3.b **Canada | United States:** For your safety, please follow posted instructions when using equipment.

2519.02.K.3.c **Canada | United States:** Use equipment at your own risk.

2519.02.K.3.d **Canada | United States:** Children under 16 years of age are not permitted in the fitness center.

2519.02.K.3.e **Canada | United States:** Stop exercising if you feel faint, dizzy, exhausted or have any feeling of discomfort.

2519.02.K.3.f **Canada | United States:** In the interest of hygiene, please wipe down equipment after use.

2519.02.K.3.g **Canada | United States:** Property, Owner & Staff are not liable for personal injury, loss of property or any other claims arising out of the use of this facility or the equipment.

2519.02.K.4 Easy-to-understand instructions for use of the equipment must be clearly visible.

2519.02.K.5 **Mexico:** A sign outlining applicable health, safety and emergency information for use of the fitness center must be posted.

2519.02.K.6 Only brand approved graphics will be permitted in the fitness center.

2519.02.L Pool/Whirlpool Signage

2519.02.L.1 Not Applicable to this Brand

2519.02.L.2 A professionally prepared sign outlining guidelines and rules for use of the swimming pool must be prominently displayed. Swimming pool signs must match the design of and be consistent with the other signs in the hotel sign system.

2519.02.L.2.a **Canada | United States:** Pool for use by registered guests only.

2519.02.L.2.b **Canada | United States:** Children under 16 must be supervised by an adult at all times.

2519.02.L.2.c **Canada | United States:** Shower before entering pool.

2519.02.L.2.d **Canada | United States:** No running/horseplay in the pool area. Persons with skin lacerations, infections or blisters must not enter the pool.

2519.02.L.2.e **Canada | United States:** Breakable service ware and glass bottles are prohibited in the pool or deck area.

2519.02.L.2.f **Canada | United States:** No lifeguard on duty. (unless required by local code)

2519.02.L.2.g **Canada | United States:** No diving.

2519.02.L.2.h **Canada | United States:** Pool hours are __ a.m. to __ p.m.

2519.02.L.2.i **Canada | United States:** Maximum pool depth: feet and _____ meters

2519.02.L.2.j **Canada | United States:** Maximum load capacity: _____

2519.02.L.2.k **Canada | United States:** Swim at your own risk. [Property, Owner & Staff] is/are not responsible for accidents and injuries.

2519.02.L.3 A professionally prepared sign outlining guidelines and rules for use of the whirlpool must be prominently displayed. Whirlpool signs must match the design of and be consistent with the other signs in the hotel sign system.

2519.02.L.3.a **Canada | United States:** Whirlpool for use by registered guests only.

2519.02.L.3.b **Canada | United States:** Children under 16 must be supervised by an adult at all times.

2519.02.L.3.c **Canada | United States:** Shower before entering whirlpool.

2519.02.L.3.d **Canada | United States:** Elderly persons, pregnant women, infants and those with health conditions requiring medical care must consult a physician before entering the whirlpool.

2519.02.L.3.e **Canada | United States:** Persons under the influence of alcohol or drugs must not use the whirlpool.

2519.02.L.3.f **Canada | United States:** Persons with skin lacerations, infections or blisters must not enter the whirlpool.

2519.02.L.3.g **Canada | United States:** No glass allowed in the whirlpool area.

2519.02.L.3.h **Canada | United States:** No lifeguard on duty. (unless required by local code)

2519.02.L.3.i **Canada | United States:** No diving.

2519.02.L.3.j **Canada | United States:** Whirlpool hours are __ a.m. to __ p.m.

2519.02.L.3.k **Canada | United States:** Maximum whirlpool depth: _____feet and _____meters

2519.02.L.3.l **Canada | United States:** Maximum load capacity: _____

2519.02.L.3.m **Canada | United States:** Use whirlpool at your own risk. Owner and management are not responsible for accidents and injuries.

2519.02.L.4 **Canada | United States:** Provide a sign clearly stating “Emergency equipment shut-off” directly above the shut-off switch for the whirlpool pumps.

2519.02.L.5 **United States:** Pool lifts must have identification and instructional signage that matches all other signage in the pool area. Sample verbiage at the lift: "POOL LIFT Reserved for guests with mobility disabilities only. For lift assistance or instructions, contact the front desk."

2519.02.L.6 **Canada | United States:** Signage must be provided in the spa for emergencies. The signage must include details regarding emergency services/ requirements as outlined by local ordinance.

2519.02.M Circulation Signage

2519.02.M.1 Hotels that are 100 percent non-smoking must have a "no smoking" sign in the elevator lobby on all floors.

2519.02.M.2 Elevator lobbies and elevator cabs must have signs that state during a fire emergency the exit stairs must be used instead of the elevator.

2519.02.M.3 Not Applicable to this Brand

2519.02.M.4 Elevator door, frames, and other artwork or graphics are not permitted. Existing elevator door graphics must be phased out / removed as required based on condition.

2519.02.M.5 Not Applicable to this Brand

2519.02.M.6 All floor levels, within enclosed stairs, must be clearly numbered at each landing. The letters must be 6”/150 mm minimum high and reflective.

2519.02.M.7 Exit stair doors must have signs that state they are fire doors and must remain closed at all times.

2519.02.N Guestroom Signage

2519.02.N.1 Guestroom signage must be provided on corridor wall adjacent to strike side of each guestroom door.

2519.02.N.2 Not Applicable to this Brand

2519.02.N.3 **Canada | United States:** The international "no smoking" symbol is optional on guest room numeral signage. If utilized the graphic must be clearly displayed on all guestrooms.
Mexico: The international "no smoking" symbol must be clearly displayed at all guestrooms designated as "non-smoking". The graphic must be included with the guestroom numeral signage.

2519.02.N.4 **Canada | United States:** The back of the guestroom door must include a sign containing fire evacuation information. This sign must be centered on the door below the door viewer. If a Brand logo is present, the evacuation signage must be replaced/updated during a guestroom renovation of the property. The following must be included:
Mexico: The back of the guestroom door must include a sign containing fire evacuation information. This sign must be centered on the door below the door viewer. The following must be included:

2519.02.N.4.a Emergency exit plan

2519.02.N.4.b Pull station and fire extinguisher locations

2519.02.N.4.c Maximum room rate (where required by law)

2519.02.N.4.d Check-in and check-out times (where required by law)

2519.02.N.4.e Safety deposit box availability

2519.02.N.4.f Local laws/standards

2519.02.N.4.g For your privacy and security, always use your deadbolt to double lock your room from inside. The safety latch and door viewer must be used to visually identify anyone outside your door. Follow these general guidelines at all applicable passage doors.

2519.02.O Not Applicable to this Brand

2519.02.P Not Applicable to this Brand

2519.02.Q Sprinkler Head Signage

Non-concealed or non-recessed sprinkler heads must have appropriate signage to discourage interaction with the device.

2519.03 Not Applicable to this Brand

2519.04 Exterior Signage

Refer to https://designinformation.hilton.com for property identification signs in the Signage, Graphics & Art Section.

2519.04.A Property Identification Signage Reference

An approved sign manufacturer, licensed by Hilton, must fabricate and install all property identification signs. Refer to https://designinformation.hilton.com for property identification signs and contact information in the Signage, Graphics & Art Section.

2519.04.B Main Entry Door Property Identification Sign

An approved sign manufacturer, licensed by Hilton, must fabricate and install all property identification signs. Refer to https://designinformation.hilton.com for property identification signs and contact information in the Signage, Graphics & Art Section.

2519.04.C Property Identification Signs

An approved sign manufacturer, licensed by Hilton, must fabricate and install all property identification signs. Refer to https://designinformation.hilton.com for property identification signs and licensed sign manufacturer information in the Signage, Graphics & Art Section.

2519.04.C.1 A minimum of two internally illuminated signs are required for all properties. This can be a combination of two building signs based on building orientation and visibility, or one ground monument sign and one building-mounted sign. A building sign is always required.

2519.04.C.2 **Canada | Puerto Rico | United States:** Welcome signage must be included on porte cochere.

2519.04.C.3 The ground sign pedestal or base must be protected from damage by planter box, landscaping or other means.

2519.04.C.4 Blade signs are allowed at urban locations when a mount location is not available for ground signs. Blade signs must be internally lit and comply with brand standards. Neon is not allowed.

2519.04.C.5 Illuminated signs must be time switched and/or photo-cell controlled.

2519.04.C.6 Exposed conduit and/or raceways are prohibited from view at building face signs. Supporting signage equipment (including conduit and raceways) are prohibited from view at all public area and guest room interior spaces. Access panels, where required, are to match the adjacent finish with keyed access for maintenance personnel.

2519.04.C.7 No marquees or electronic rate signs of any type are permitted. "No vacancy" signs are not allowed.

2519.04.C.8 At time of replacement, materials including the light source must match any remaining/existing materials. Full signage replacement must comply with current specification standards.

2519.04.D Exterior Miscellaneous Signs

2519.04.D.1 External way finding signage must be provided for properties where travel path decision points occur forcing a guest to turn left, right or continue straight ahead.

2519.04.D.2 Not Applicable to this Brand

2519.04.D.3 Not Applicable to this Brand

2519.04.D.4 **Canada | United States:** A designated outdoor pet-friendly area must be clearly identified with signage provided by the pet waste station supplier. Refer to Section 211.03 for more information.

2519.04.D.5 Porte cochere clearance signage must be provided for clearances less than 15’-0”/4.5 m. Letter height must be 6”/15 cm minimum and the color must contrast the adjacent building color.

2519.04.D.6 Not Applicable to this Brand

2519.04.D.7 Temporary exterior signage and/or banners must be approved by the Brand before being posted. No additional advertising (billboards or reader boards) are permitted.

2519.04.E Parking Signage

2519.04.E.1 Directional signage to the parking area must be clearly visible when not obvious.

2519.04.E.2 Floor level and area signs must be provided in parking garages for ease of locating vehicles.

2519.04.E.3 A disclaimer must be posted in all guest parking areas on the site that user assumes all risks. Signs must be located along parking lanes and be mounted to light poles or independent poles with spacing not to exceed 100’-0”/30 m.

2519.04.E.4 **Canada | United States:**

If property-controlled, on-site self-parking is provided, hotels must install a minimum of five brand approved Diamond Member guest parking signs in addition to brand required parking signage. At least three spots must be located near the main entrance of the hotel – all others can be in proximity to secondary entrances. Diamond Member reserved parking signs must display the current Hilton Honors branding. Refer to marKIT for specifications.

Mexico:

All hotels with on-site parking must install five brand approved Diamond Elite guest parking signs in addition to brand required parking signage. At least three spots must be located near the main entrance of the hotel – all others can be in proximity to secondary entrances. Refer to marKIT for specifications.

Diamond member reserved parking signs must display the current Hilton Honors branding.

2519.04.E.5 Signage identifying designated accessible parking spaces must be provided at guest parking areas.

2519.04.E.6 **Canada | United States:** Hilton approved signage must be provided designating parking space(s) reserved for electric vehicle charging stations.
A. Refer to Hilton’s marKIT for specifications.
B. Signage must be placed at each parking stall that reads “Electric Vehicle Parking Only While Charging”. Stall(s) that allow accessibility access to the EV charger must also include a sign reading “Use Last - Designed for Accessibility”.
C. When the local jurisdiction requires an ADA designated parking stall (those with the International Symbol of Access) to have an EV charger

station, the space must add a sign reading “Electric Vehicle Parking Preferred” below the International Symbol of Access sign, Vehicles displaying an accessible parking permit must be allowed to park in this stall regardless of charger use.

2519.05 Leisure Signage

2519.05.A Swimsuit Dryer

The following information must be included next to the swimsuit dryer, plus any additional information required by regional and local ordinances:
Please follow the manufacturers safety instructions to prevent damage to swimwear:

Place strings, waistband and/or padding portions in first.
Push down to the bottom of the basket.

Spin one swimsuit at a time.

Close lid and hold for 15 seconds.

2519.05.B Wet Floor

The following information must be included within wet floor areas plus any additional information required by regional and local ordinances:
WET FLOOR



2519.05.C Mind your Head

The following information must be included above any low headroom areas, plus any additional information required by regional and local ordinances:
MIND YOUR HEAD



2519.05.D Mind the Step

The following information must be included next to any steps, plus any additional information required by regional and local ordinances:
MIND YOUR STEP



2519.05.E Emergency Alarm / Phone

The following information must be included next to any steps, plus any additional information required by regional and local ordinances:
EMERGENCY ALARM/PHONE





2519.05.F Resuscitation Equipment

The following information must be included next to the AED equipment, plus any additional information required by regional and local ordinances:
RESUSCITATION EQUIPMENT



2519.05.G Sunbeds

The following information must be included next to the sunbed, plus any additional information required by regional and local ordinances:
SUNBED SAFETY

Short-Term Health Risks
Sunburnt skin
Skin dryness and itching
Skin rash
Eye irritation

Long-Term Health Risks
Premature skin ageing
Skin cancer
Eye cataracts

Precautions
Persons using must be over the age of 18.
Do not wear cosmetics.
Do not exceed 20 sessions a year.
Complete a sunbed user registration form relating to skin type.
Wear eye protection during each session.
Consult your Doctor if you notice abnormal skin reaction.
Do not use if pregnant.
Do not use if taking medication.
Do not use if under the influence of alcohol and/or drugs.

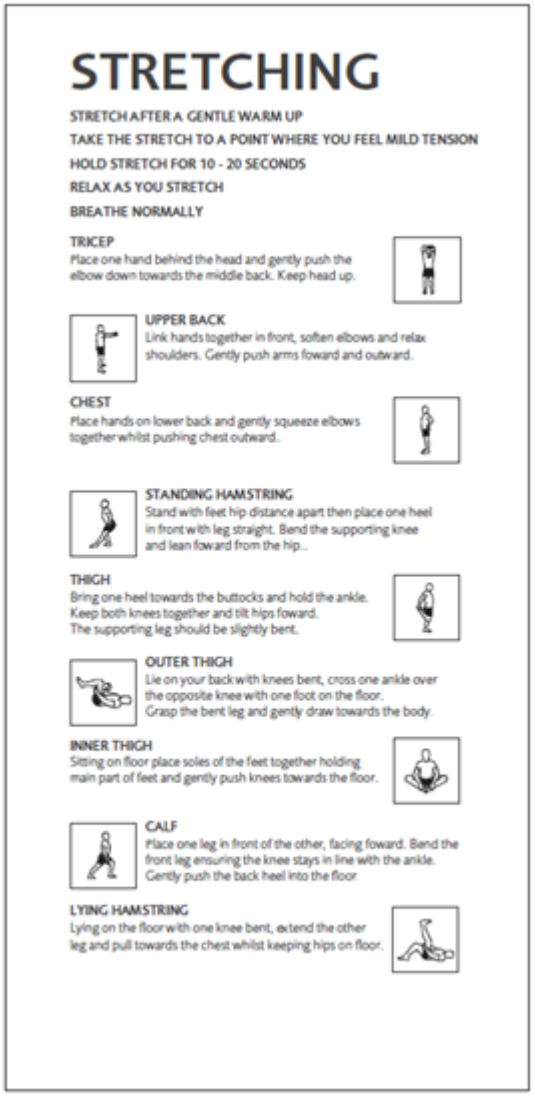
Emergencies
In the event of an emergency activate the panic alarm or telephone.

2519.05.H Not Applicable to this Brand

2519.05.I Stretching

The following information must be included next to the stretching area in the fitness room, plus any additional information required by regional and local ordinances:

STRETCHING



STRETCHING

STRETCH AFTER A GENTLE WARM UP
TAKE THE STRETCH TO A POINT WHERE YOU FEEL MILD TENSION
HOLD STRETCH FOR 10 - 20 SECONDS
RELAX AS YOU STRETCH
BREATHE NORMALLY

TRICEP
Place one hand behind the head and gently push the elbow down towards the middle back. Keep head up.

UPPER BACK
Link hands together in front, soften elbows and relax shoulders. Gently push arms foward and outward.

CHEST
Place hands on lower back and gently squeeze elbows together whilst pushing chest outward..

STANDING HAMSTRING
Stand with feet hip distance apart then place one heel in front with leg straight. Bend the supporting knee and lean foward from the hip..

THIGH
Bring one heel towards the buttocks and hold the ankle. Keep both knees together and tilt hips foward. The supporting leg should be slightly bent.

OUTER THIGH
Lie on your back with knees bent, cross one ankle over the opposite knee with one foot on the floor. Grasp the bent leg and gently draw towards the body

INNER THIGH
Sitting on floor place soles of the feet together holding main part of feet and gently push knees towards the floor.

CALF
Place one leg in front of the other, facing foward. Bend the front leg ensuring the knee stays in line with the ankle. Gently push the back heel into the floor

LYING HAMSTRING
Lying on the floor with one knee bent, extend the other leg and pull towards the chest whilst keeping hips on floor.

2519.05.J Spinning Bikes

The following information must be included next to the spinning bike, plus any additional information required by regional and local ordinances:
SPINNING BIKE SAFETY

If you feel sick, faint or dizzy stop and inform a Team Member.

Avoid loose fitting clothing which could become trapped in moving parts.

Fit feet securely into the pedal cages.

Your body weight should go through your legs and NOT your arms.

Adjust resistance according to the instructor's advice.

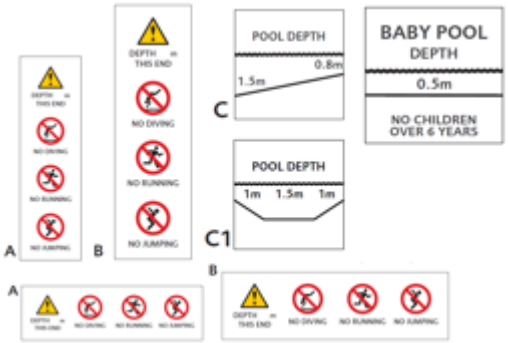
Do not remove feet from the pedal cages until the flywheel has come to a complete stop.

The flywheel can be stopped quickly by pulling the brake lever upward.

2519.05.K Depth / Pool Symbols

The following information must be included next to any swimming pools, plunge pools, spa pools, infinity pools and children/baby pools, plus any additional information required by regional and local ordinances:

DEPTH/POOL SYMBOLS (Inc. Baby Pools)



2519.05.L Shower Signage

The following information must be included next to the showers, plus any additional information required by regional and local ordinances:
SHOWER (Pool/Sauna/Steam)



2519.05.M Overshoe Signage

The following information must be included next to the overshoe dispenser, plus any additional information required by regional and local ordinances:
OVERSHOES



2519.05.N No Lifeguard on Duty

The following information must be included next to the swimming pool/s, plus any additional information required by regional and local ordinances:
NO LIFEGUARD ON-DUTY

NO LIFEGUARD ON-DUTY

2519.05.O Pool Closed / No Access

The following information must be included on entry to the swimming pool, plus any additional information required by regional and local ordinances:
POOL CLOSED, NO ACCESS



2519.05.P Steam Injector Steam Injector

The following information must be included next to the steam injector in the steam room, plus any additional information required by regional and local ordinances:
STEAM INJECTOR



2519.05.Q Emergency Equipment Shut Off

The following information must be included next to the emergency equipment shut off, plus any additional information required by regional and local ordinances:

EMERGENCY EQUIPMENT SHUT-OFF



2519.05.R Resorts

Canada: The following information must be included on entry to the resort, plus any additional information required by regional and local ordinances:
RESORT SAFETY

Pool Rules

Lifeguard(s) On-Duty or ‘No Lifeguard on-duty, swim at own risk.

Children must be supervised at all times by a responsible adult (over 18) or parent who can supervise a maximum of 2 children under the age of 16 at any one time. The adult/parent must be in the water to actively supervise the children.

Suitable swimwear must be worn. Swimming nappies must be worn for toddlers and babies whilst in the water (new standard).

Please shower before entering the pool.

Breakable service ware and glass are prohibited in the pool or deck area.

Property, Owner & Staff] is/are not liable for personal injury, loss of property or any other claims arising out of the use of this facility or the equipment.

Medical

Please refer to the Health Commitment Declaration before using these facilities.

Do not use the pool if you have been ill in the last 48 hours.

Report body fluid spillages or accidents in or around the pool.

Open wounds must be covered with a waterproof cover or dressing.

General

Pool for use by registered guests/members only.

Persons under the influence of alcohol and/or drugs are prohibited from using the facilities.

Emergencies

In the event of an emergency raise the alarm to a Team Member or activate the panic alarm or emergency telephone.

Surveillance Camera Solution

Images are being monitored for the purpose of crime prevention and public safety. This scheme is controlled by Hilton.

United States: The following information must be included on entry to the resort, plus any additional information required by regional and local ordinances:
RESORT SAFETY

Pool Rules

Lifeguard(s) On-Duty or 'No Lifeguard on-duty, swim at own risk.

Children must be supervised at all times by a responsible adult (over 18) or parent who can supervise a maximum of 2 children under the age of 16 at any one time. The adult/parent must be in the water to actively supervise the children.

Suitable swimwear must be worn. Swimming nappies must be worn for toddlers and babies whilst in the water (new standard).

Please shower before entering the pool.

Breakable service ware and glass are prohibited in the pool or deck area.

Property, Owner & Staff] is/are not liable for personal injury, loss of property or any other claims arising out of the use of this facility or the equipment.

Medical

Please refer to the Health Commitment Declaration before using these facilities.

Do not use the pool if you have been ill in the last 48 hours.

Report body fluid spillages or accidents in or around the pool.

Open wounds must be covered with a waterproof cover or dressing.

General

Pool for use by registered guests/members only.

Persons under the influence of alcohol and/or drugs are prohibited from using the facilities.

Emergencies

In the event of an emergency raise the alarm to a Team Member or activate the panic alarm or emergency telephone.

2519.05.S Waterparks

The following information must be included on entry to the waterpark, plus any additional information required by regional and local ordinances:
WATERPARK SAFETY

Pool Rules
Lifeguard(s) On-Duty or No Lifeguard on-duty, swim at own risk.
Children must be supervised at all times by a responsible adult (over 18) or parent who can supervise a maximum of 2 children under the age of 16 at any one time.
The adult/parent must be in the water to actively supervise the children.
Suitable swimwear must be worn. Swimming nappies must be worn for toddlers and babies whilst in the water.
Please shower before entering the pool.
Breakable service ware and glass are prohibited in the pool or deck area.
Swim at your own risk. Owner and management are not responsible for accidents and injuries or Use of the pools and facilities are at the users own risk. Hilton regret that no responsibility can be accepted for any injuries or loss of life caused by use of these facilities.

Waterpark
Please read and abide by all specific safety instructions shown at each ride/attraction, as well as instruction given by Team Members.

Medical
Please refer to the Health Commitment Declaration before using these facilities.
Do not use the pool if you have been ill in the last 48 hours.
Report body fluid spillages or accidents in or around the pool.
Open wounds must be covered with a waterproof cover or dressing.

General
Pool for use by registered guests/members only.
Persons under the influence of alcohol and/or drugs are prohibited from using the facilities.

Emergencies
In the event of an emergency raise the alarm to a Team Member or activate the panic alarm or emergency telephone.

2519.05.T Slide/Flumes

The following information must be included next to the slides/flume where users queue on entry and the location immediately prior to descending the slide/flume , plus any additional information required by regional and local ordinances:
SLIDE/FLUMES SAFETY

Slide/Flume Information

Height Restriction: (specify from manufacturers guide)

Age Restriction: (specify from manufacturers guide)

Exit Pool Depth: (specify from exit pool depth)

Safety Instructions

Pregnant women and those who may have a heart, back, neck or other relevant medical condition are not permitted to use this slide/flume.

Only one person at a time can use this slide/flume. However, an adult may supervise one child down the slide/flume.

No trains or chains of riders permitted.

Follow the sliding position shown, keeping arms and hands within the slide/flume at all times.

When using inflatable rings/mats, follow appropriate sliding positions as shown. (delete as necessary)

Users must wait for the signal before starting the ride. (delete as necessary)

Sliding head-first is not permitted.

Horseplay or stopping in the flumes or tubes is not permitted.

Users must be capable of swimming out of the exit pool without assistance.

Leave the splashdown area immediately after exiting the slide.

General

No food or beverage to be taken onto the slide.

No personal items allowed on the slide.

Persons under the influence of alcohol and/or drugs are prohibited from using the facilities.

Emergencies

In the event of an emergency raise the alarm to a Team Member or activate the panic alarm or emergency telephone.

2519.05.U Wave Machines

The following information must be included where wave machines are in use, plus any additional information required by regional and local ordinances:
WAVE MACHINE SAFETY

Caution – Waves operate in this pool.

Maximum Water Depth: (specify pool depth)

Announcements will be made before the activation of the wave machine requesting weak or non-swimmers to move out of the wave pool.

Swimmers are not permitted to cross the buoyed line protecting the wave generation wall.

Follow instructions from the Lifeguard(s) On-Duty.

Emergencies

In the event of an emergency raise the alarm to a Team Member or activate the panic alarm or telephone.

2519.05.V Lazy Rivers

The following information must be included on entry to the lazy river, plus any additional information required by regional and local ordinances:
LAZY RIVER SAFETY

Height Restriction: (specify from manufacturers guide)

Age Restriction: (specify from manufacturers guide)

Maximum Water Depth: (specify from pool)

Children must be supervised at all times.

Please enter and exit the Lazy River via the designated routes.

Use the inflation device provided.

Weak swimmers should use personal flotation devices or swimmer’s aids.

Currents may be strong at times, swim with the current and not against.

General

No food or beverage to be taken onto the Lazy River.

No personal items allowed on the Lazy River.

Persons under the influence of alcohol and/or drugs are prohibited from using the facilities.

Emergencies

In the event of an emergency raise the alarm to a Team Member or activate the panic alarm or emergency telephone.

2519.05.W Rapids

The following information must be included on entry to the rapids, plus any additional information required by regional and local ordinances:
RAPIDS

Caution Strong Currents – Strong Swimmers Only

Height Restriction: (specify from manufacturers guide)

Age Restriction: (specify from manufacturers guide)

Maximum Water Depth: (specify from pool)

Pregnant women and those who may have a heart, back, neck or other relevant medical condition are not permitted to use these Rapids.

Children must be supervised at all times.

Use the inflation device provided. (delete where necessary)

Follow instructions from the Lifeguard(s) On-Duty.

General

No food or beverage to be taken onto the Rapids.

No personal items allowed on the Rapids.

Persons under the influence of alcohol and/or drugs are prohibited from using the Rapids.

Emergencies

In the event of an emergency raise the alarm to a Team Member or activate the panic alarm or emergency telephone.

2519.05.X Infinity Pool

The following information must be next to infinity pools, plus any additional information required by regional and local ordinances:
INFINITY POOL



2519.05.Y No Weak Swimmers

The following information must be included next to any swimming pools / deep areas not suitable for weak swimmers, plus any additional information required by regional and local ordinances:
NO WEAK SWIMMERS BEYOND THIS POINT



2519.05.Z Life Jacket

The following information must be included next to life jacket storage locations, plus any additional information required by regional and local ordinances:

LIFE JACKET



2519.05.AA Swim Up Pools / Private Pools

The following information must be included next to swim up pools / private pools, plus any additional information required by regional and local ordinances:
SWIM-UP/PRIVATE POOL SAFETY

Pool Rules

No Lifeguard on-duty, swim at own risk.

Children must be supervised at all times.

Suitable swimwear must be worn. Swimming nappies must be worn for toddlers and babies whilst in the water.

Please shower before entering the pool.

Breakable service ware and glass are prohibited in the pool or deck area.

Medical

Do not use the pool if you have been ill in the last 48 hours.

Report body fluid spillages or accidents in or around the pool.

Open wounds must be covered with waterproof cover or dressing.

General

Persons under the influence of alcohol and/or drugs are prohibited from using the pool.

Emergencies

In the event of an emergency raise the alarm by activating the panic alarm or emergency telephone.

2519.05.BB Five Feet to Fitness

The following information must be included in the guest bedroom or on the Digital Kiosk for Five Feet to Fitness, plus any additional information required by regional and local ordinances:
FIVE FEET TO FITNESS

General
Children under 16 years of age are not permitted to use the in-room fitness equipment.

For your safety, please follow instructions when using equipment.

Drink plenty of water during exercise.

Appropriate sports attire and footwear must be worn at all times.

This in-room fitness area is not supervised and the use of equipment is at your own risk.

Do not use equipment if it appears damaged, report any fault immediately.

Persons under the influence of alcohol and/or drugs are must not use the in-room fitness equipment.

Property, Owner & Staff] is/are not liable for personal injury, loss of property or any other claims arising out of the use of this facility or the equipment.

Medical
Consult a physician before beginning an exercise programme.

Stop exercising if you feel faint, dizzy, exhausted or have any feeling of discomfort.

Report any accidents that occur when using the in-room fitness equipment.

Emergencies

In the event of an emergency use the in-room telephone selecting the ‘Emergency’ button.

2519.05.CC Beach Safety

The following information must be included on entry to beaches, plus any additional information required by regional and local ordinances:
BEACH SAFETY

This sign must include:

- The flag warning system in operation.
- The buoyed zoning scheme in operation.
- The lifeguarding/supervision arrangements including hours and dates of operation. If no lifeguards are provided, the sign should advise “No Lifeguard on Duty”.
- Beach hazards to be aware of, such as presence of dangerous rip tides, deep water from the shoreline, seaweed, jelly fish etc.


BEACH NAME
112 in an Emergency,
Ask for Coastguard
State the above beach name
Lifeguard Service


BEACH NAME
112 in an Emergency,
Ask for Coastguard
State the above beach name
CAUTION
No lifeguard on-duty





2519.05.DD Beach Flags

The following information must be included on entry to beaches, plus any additional information required by regional and local ordinances:
FLAG SAFETY

There are two categories of beach safety flags: those indicating dangerous conditions and those indicating zones on the beach suitable for particular activities.

Red and yellow flags, and black and white flags, are zone flags and should be used in pairs to indicate the extent of the zone.

The positions of red and yellow flags should be designated by a qualified lifeguard.

Red flags and orange truncated cones indicate dangerous conditions and should be used individually.

Red & Yellow Flag



Lifeguard(s) on duty
Colour and shape: Red and yellow rectangle divided horizontally into two halves: red half at top Pantone 186 C and yellow half Pantone 109 C
Minimum size 750mm x 900mm

Black & White Flag



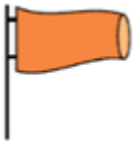
Non-powered watercraft zone
Colour and shape: Black and white rectangle divided into four equal rectangles: two block and two white, upper black rectangle at the pole side
Minimum size 750mm x 900mm
Maximum size 1500mm x 1800mm

Red Flag



Dangerous conditions: Do not enter the water
Colour and shape: red rectangle, Pantone 186 C
Minimum size 750mm x 900mm
Maximum size 1500mm x 1800mm

Orange Cone



Danger: No inflatables to be used on the water

Colour and shape: Orange truncated cone, Pantone 166 C
Minimum length 1500mm
Minimum diameter 250mm at the small end and 500mm at the larger end

2519.05.EE Individual Hazard Signs

The following information must be included on signage on entry to beaches, plus any additional information required by regional and local ordinances:

APPLICABLE HAZARDS



2519.05.FF Prohibition Signs

The following information must be included on signage on entry to beaches, plus any additional information required by regional and local ordinances:

APPLICABLE PROHIBITIONS



2519.05.GG Information Signs

The following information must be included on signage on entry to beaches, plus any additional information required by regional and local ordinances:

APPLICABLE INFORMATION



2519.05.HH Water Activities

The following signage must be provided adjacent to all water activities (e.g. jet skis), plus any additional information required by regional and local ordinances:

(Editable Template)

JET SKIING



2519.05.II Jetties & Floating Platforms

The following signage must be provided adjacent to all jetties and floating platforms, plus any additional information required by regional and local ordinances:
Individual Prohibition Sign

JETTIES & FLOATING PLATFORMS



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2519.05.JJ Child Play Areas

The following signage must be provided adjacent to all child play areas, plus any additional information required by regional and local ordinances:
CHILDREN'S PLAY AREAS

Children must be supervised by a responsible adult at all times.

This play area is owned and operated by:

Operators Name

This equipment is inspected for safety on a regular basis. Please do not use any equipment that appears damaged. Please contact xxx to report any damage or accidents to Reception or Tel: xxx

Information

Only children between the ages of xxx and xxx are permitted to use the play area.

The nearest:
- Public telephone is located: xxx

- First aid kit is available at: xxx
- Public toilets are located: xxx

Hilton regrets that no responsibility can be accepted for any injury caused, as a result of the use of this play area.









Glossary

Abbreviations					
°C	Celsius	**°F**	Fahrenheit	**A**	Ampere or Amp
ACT	Acoustical Ceiling Tile	**AFF**	Above the Finished Floor	**BTU**	British Thermal Unit
CDB	Celsius Dry Bulb	**CFL**	Compact Fluorescent Lamp	**CFM**	Cubic Feet per Minute
cm	Centimeter	**CMU**	Concrete Masonry Unit	**CPU**	Central Processing Unit
CYP	Computer Yarn Placement	**D**	Depth	**dBA**	A-weighted decibel
DDM	Distributed Data Management	**DIA**	Diameter (ID = Inside Diamter, OD = Outside Diamter)	**DP**	Dew Point
DX	Direct Expansion	**EAT**	Entering Air Temperature	**EIFS**	Exterior Insulation Finish System
FDB	Fahrenheit Dry Bulb	**FF&E**	Furniture, Fixtures & Equipment	**FPM**	Feet Per Minute
FPS	Feet Per Second	**FRP**	Fiber-Reinforced Plastic or Fiber-Reinforced Polymer	**ft**	Foot or Feet
GFCI	Ground Fault Circuit Interrupter	**GFI**	Ground Fault Interrupter	**GPF**	General Protection Fault
GPM	Gallons Per Minute	**H**	Height	**HD**	High Definition
HDF	High Density Fiberboard	**HR**	Humidity Ratio	**HSIA**	High Speed Internet Access
HVAC	Heating, Ventilation & Air Conditioning	**Hz**	Hertz	**IIC**	Impact Insulation Class
kg	Kilogram	**kW**	Kilowatt	**L**	Length
lb	Pound (lbs = Pounds)	**LCD**	Liquid Crystal Display	**LED**	Light Emitting Diode
lf	Linear or Lineal Foot	**LFM**	Linear Feet per Minute	**m**	Meter
MATV	Master Antenna Television	**MC**	Metallic Conduit	**MCDB**	Mean Coincident Dry Bulb
MDB	Mean Dry Bulb	**MDF**	Medium Density Fiberboard	**MERV**	Minimum Efficiency Reporting Value
mm	Millimeter	**NIC**	Noise Isolation Class	**OSA**	Outside Air
oz.	Ounces	**Pa**	Pascal	**psf**	Pounds per Square Foot
psi	Pounds per Square Inch	**PTAC**	Package Terminal Air Conditioner	**PVC**	Polyvinyl chloride
PVS	Personal Viewing Screen	**SCR**	Silicon Controlled Rectifier	**sq.**	square
SRI	Solar Roof Index	**STC**	Sound Transmission Coefficient	**SVRS**	Safety Vacuum Release System
TDD	Telecommunications Device for the Deaf	**UL**	Underwriters Laboratory	**V**	Volts
VCT	Vinyl Composition Tile	**VOC**	Volatile Organic Compounds	**VTAC**	Vertical Terminal Air Conditioner
W	Width				

Glossary

Acronyms

A&C	Architecture & Construction	**AAMA**	American Architectural Manufacturers Association	**AATCC**	American Association of Textile Chemists and Colorists
ABA	Architectural Barriers Act	**ADA**	Americans with Disabilities Act	**AGA**	American Gas Association
AMCA	Air Moving and Conditioning Association	**ANSI**	American National Standards Institute	**ARI**	Air Conditioning and Refrigeration Institute
ASA	American Standards Association	**ASHRAE**	American Society of Heating, Refrigerating and Air Conditioning Engineers	**ASME**	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials	**AWMA**	Air & Waste Management Association	**AWS**	American Welding Society
BS	British Standard	**CFFA**	Chemical Fabrics and Film Association	**DHI**	Door and Hardware Institute
DHSI	Door and Hardware Systems, Inc.	**DIN**	Deutsches Institut fur Normung (German Institute for Standardization)	**EN**	Euro Norm (European Standard)
EPA	Environmental Protection Agency	**ETL**	Environmental Testing Laboratories	**FIA**	Factory Insurance Association
FM	Factory Mutual	**GB**	Guobiao (Chinese Standard)	**IBR**	Institute of Boiler and Radiator Manufacturers
IEEE	Institute of Electrical and Electronic Engineers	**ISO**	International Standards Organization	**MPEG**	Moving Picture Experts Group
NEC	National Electrical Code	**NECA**	National Electrical Contractors Association	**NEMA**	National Electrical Manufacturers Association
NESC	National Electrical Safety Code	**NFPA**	National Fire Protection Association	**NSF**	NSF International
OSHA	Occupational Safety and Health Act	**SAE**	Society of Automotive Engineers	**SBI**	Steel Boiler Institute
SCS	Scientific Certification System	**SMACNA**	Sheet Metal and Air Conditioning Contractors National Association	**UFAC**	Upholstered Furniture Action Council
UL	Underwriters Laboratories	**UMC**	Uniform Mechanical Code	**WAP**	Wireless Access Point
WH	Warnock Hersey				

Terminology/Definitions

AACHEN	Measurement for dimensional stability	**Alarm verification**	A feature internal to automatic fire detection and alarm systems, wherein the report of smoke detection is confirmed within a specific period of time before initiating an alarm	**Area of refuge**	An area where persons unable to use stairways may remain for a period of time, waiting for assistance or instructions during an emergency
Common path of travel	The portion of an egress path traveled before two or more distinct paths to an exit are available	**Dead end corridor**	The portion of a corridor where only one path of travel is available before two or more distinct paths to an exit are available	**Level of exit discharge**	The point at which a person is considered to be exited from a building and is in, or has immediate access to a public way
lux	Unit of measurement for illumination	**Manual fire alarm box**	A manually operated device used to initiate an alarm signal	**Normally occupied spaces**	Spaces that are occupied on a regular basis, either permanently or temporarily

Glossary

Terminology/Definitions					
Pre-signal alarm	Wherein a fire alarm signal sounds only in an attended location, providing a predetermined amount of time to investigate a detection notice, before initiating an automatic alarm evacuation sequence	**Public way**	A space, street, alley or land dedicated to the public,for public use that is open to the outside air and is of sufficient size to accommodate those exiting from a building	**Response time index (RTI)**	A standardized measurement of the thermal sensitivity of an automatic sprinkler. Fast Response sprinklers are those units with RTI of 50 or less.
Smoke alarm	A single or multiple-station alarm device responsive to smoke, connected to building electrical service and not connected to the building fire alarm system	**Smoke detector**	A low-voltage device that senses visible or invisible particles of combustion integrated and listed for service with the building fire alarm system.		