Section No.	Section Title	Architectural			Building Eng.			Sitework		Multidiscipline			Description
		Arch	Hist	Int	Mech	Elec	Str	Lan	SC	Comp	AE	CX	
DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS													
000101	Project Title Page	●	●	●	●	●	●	●	●	●	●		Project Manual title page.
000107	Seals Page	●	●	●	●	●	●	●	●	●	●		For seals of design professionals on Project Manual.
000115	List of Drawing Sheets	●	●	●	●	●	●	●	●	●	●		List of Drawings.
000120	List of Schedules	●	●	●	●	●	●	●	●	●	●		For a list of separately bound schedules.
001113	Advertisement for Bids	●	●	●	●	●	●	●	●	●	●		For use on public projects.
001115	Advertisement for Prequalification of Bidders	●	●	●	●	●	●	●	●	●	●		For use on public projects.
001116	Invitation to Bid	●	●	●	●	●	●	●	●	●	●		For use on private projects.
001153	Request for Qualifications	●	●	●	●	●	●	●	●	●	●		For use on public projects.
002113	Instructions to Bidders	●	●	●	●	●	●	●	●	●	●		Incorporates AIA A701 by reference.
002213	Supplementary Instructions to Bidders	●	●	●	●	●	●	●	●	●	●		For use with AIA A701.
002513	Prebid Meetings	●	●	●	●	●	●	●	●	●	●		Sets date, time, place, and terms for prebid meetings.
002600	Procurement Substitution Procedures	●	●	●	●	●	●	●	●	●	●		Substitution procedures during bidding.
003113	Preliminary Schedules	●	●	●	●	●	●	●	●	●	●		Preliminary schedules.
003119	Existing Condition Information	●	●	●	●	●	●	●	●	●	●		References documents for survey and as-built information.
003126	Existing Hazardous Material Information	●	●	●	●	●	●	●	●	●	●		References documents for existing hazardous materials.
003132	Geotechnical Data	●	●	●	●	●	●	●	●	●	●		References documents for geotechnical data.
003143	Permit Application	●	●	●	●	●	●	●	●	●	●		Indicates responsibility for building permit application.
004113	Bid Form - Stipulated Sum (Single-Prime Contract)	●	●	●	●	●	●	●	●	●	●		Fixed price, single prime.
004116	Bid Form - Stipulated Sum (Multiple-Prime Contract)	●	●	●	●	●	●	●	●	●	●		Fixed price, multiple prime.
004123	Bid Form - Construction Management (Single-Prime Contract)	●	●	●	●	●	●	●	●	●	●		Fixed price, construction management, single prime.
004126	Bid Form - Construction Management (Multiple-Prime Contract)	●	●	●	●	●	●	●	●	●	●		Fixed price, construction management, multiple prime.
004133	Bid Form - Cost-Plus-Fee (Single-Prime Contract)	●	●	●	●	●	●	●	●	●	●		Cost plus, with or without guaranteed maximum.
004313	Bid Security Forms	●	●	●	●	●	●	●	●	●	●		References AIA A310.
004321	Allowance Form	●	●	●	●	●	●	●	●	●	●		Attachment for Bid Form.
004322	Unit Prices Form	●	●	●	●	●	●	●	●	●	●		Attachment for Bid Form.
004323	Alternates Form	●	●	●	●	●	●	●	●	●	●		Attachment for Bid Form.
004373	Proposed Schedule of Values Form	●	●	●	●	●	●	●	●	●	●		Attachment for Bid Form.
004393	Bid Submittal Checklist	●	●	●	●	●	●	●	●	●	●		Attachment for Bid Form.
005100	Notice of Award	●	●	●	●	●	●	●	●	●	●		For notifying successful bidder.
006000	Project Forms	●	●	●	●	●	●	●	●	●	●		References Agreement, General Conditions, and administrative forms.
009113	Addenda	●	●	●	●	●	●	●	●	●	●		For notifying bidders of changes.
DIVISION 01 - GENERAL REQUIREMENTS													
010000	General Requirements	●	●	●	●	●	●	●	●	●	●		Evaluations: Role of Division 1 Sections, their preparation and coordination.

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011000	Summary	●	●	●	●	●	●	●	●	●	●		Summary of the Work, phased construction, purchase contracts, Owner-furnished products, access to site, and work restrictions.
011200	Multiple Contract Summary	●	●	●	●	●	●	●	●	●	●		Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.
012100	Allowances	●	●	●	●	●	●	●	●	●	●		Provisions for cash allowances including lump-sum, unit cost, contingency, and testing and inspecting allowances.
012200	Unit Prices	●	●	●	●	●	●	●	●	●	●		Provisions for unit prices.
012300	Alternates	●	●	●	●	●	●	●	●	●	●		Provisions for change-of-scope and cost-comparison type alternates.
012500	Substitution Procedures	●	●	●	●	●	●	●	●	●	●		Procedural requirements for requests for substitutions during construction.
012600	Contract Modification Procedures	●	●	●	●	●	●	●	●	●	●		Procedural requirements for changes to the Contract.
012900	Payment Procedures	●	●	●	●	●	●	●	●	●	●		Administrative requirements for Contractor's Applications for Payment.
013100	Project Management and Coordination	●	●	●	●	●	●	●	●	●	●		Administrative requirements for project meetings; preconstruction, preinstallation, and project closeout conferences; RFIs; and project Web sites.
013200	Construction Progress Documentation	●	●	●	●	●	●	●	●	●	●		Contractor's Construction Schedule including Gantt charts and CPM schedules; and web-based project software.
013233	Photographic Documentation	●	●	●	●	●	●	●	●	●	●		Construction photographs, video recordings, and web-based photographic documentation.
013300	Submittal Procedures	●	●	●	●	●	●	●	●	●	●		Procedures for Action and Informational Submittals including Delegated-Design Submittals and Submittals Schedule.
013513.16	Special Project Procedures for Detention Facilities	●				●				●	●		Special requirements for detention work including responsibilities of a detention specialist.
013516	Alteration Project Procedures	●		●	●	●	●	●	●	●	●		General protection and work procedures for remodeling, renovation, repair, and maintenance work.
013591	Historic Treatment Procedures		●							●			General protection and treatment of historic spaces.
014000	Quality Requirements	●	●	●	●	●	●	●	●	●	●		Quality-assurance and -control requirements, special tests and inspections, and Contractor's quality-control plan.
014200	References	●	●	●	●	●	●	●	●	●	●		Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MasterSpec.
015000	Temporary Facilities and Controls	●	●	●	●	●	●	●	●	●	●		Temporary utilities and facilities for construction support, security, and protection.
015639	Temporary Tree and Plant Protection	●						●	●	●	●		Construction-phase tree and plant protection, trimming, protection- zone fencing, and pruning.
015723	Temporary Storm Water Pollution Control	●							●	●	●		Requirements for compliance with EPA's Stormwater Pollution Prevention Plan (SWPPP).
016000	Product Requirements	●	●	●	●	●	●	●	●	●	●		Administrative and procedural requirements for product, material, and equipment selection and handling; warranties; and comparable products.
017300	Execution	●	●	●	●	●	●	●	●	●	●		General requirements for product installation, cutting and patching, protection, field engineering, and progress cleaning.

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	017419	Construction Waste Management and Disposal	●	●	●	●	●	●	●	●	●	●		Salvaging, recycling, and disposing of non-hazardous demolition and construction waste.
	017700	Closeout Procedures	●	●	●	●	●	●	●	●	●	●		Contract closeout including Substantial Completion and Final Completion procedures, warranties, and final cleaning.
	017823	Operation and Maintenance Data	●	●	●	●	●	●	●	●	●	●		Emergency, operation, and maintenance manuals for products and equipment.
	017839	Project Record Documents	●	●	●	●	●	●	●	●	●	●		Record record Drawings, Specifications, and Product Data.
	017900	Demonstration and Training	●	●	●	●	●	●	●	●	●	●		Administrative and procedural requirements for instructing Owner's personnel in operation and maintenance.
	018113.13	Sustainable Design Requirements - LEED 2009 for New Construction and Major Renovations	●	●	●	●	●	●	●	●	●	●		General requirements and procedures for LEED 2009 for New Construction and Major Renovations.
	018113.14	Sustainable Design Requirements - LEED v4 BD+C	●	●	●	●	●	●	●	●	●	●		General requirements and procedures for LEED v4 BD+C.
	018113.16	Sustainable Design Requirements - LEED 2009 for Commercial Interiors	●		●	●	●	●	●	●	●	●		General requirements and procedures for LEED 2009 for Commercial Interiors.
	018113.17	Sustainable Design Requirements - LEED v4 ID+C	●		●	●	●	●	●	●	●	●		General requirements and procedures for LEED v4 ID+C.
	018113.19	Sustainable Design Requirements - LEED 2009 for Core and Shell Development	●		●	●	●	●	●	●	●	●		General requirements and procedures for LEED 2009 for Core and Shell Development.
	018113.23	Sustainable Design Requirements - LEED 2009 for Schools	●		●	●	●	●	●	●	●	●		General requirements and procedures for LEED 2009 for Schools.
	018113.33	Sustainable Design Requirements - IgCC	●	●	●	●	●	●	●	●	●	●		General requirements and procedures for IgCC.
	018113.43	Sustainable Design Requirements - ASHRAE 189.1	●	●	●	●	●	●	●	●	●	●		General requirements and procedures for ASHRAE 189.1.
	018113.53	Sustainable Design Requirements - Green Globes	●	●	●	●	●	●	●	●	●	●		General requirements and procedures for Green Globes.
	019113	General Commissioning Requirements									●		●	Administrative requirements and procedures for commissioning all systems.
	019119.43	Exterior Enclosure Commissioning									●		●	Requirements for testing building enclosure systems and assemblies as part of the commissioning process.
DIVISION 02 - EXISTING CONDITIONS														
	024116	Structure Demolition	●			●	●	●		●	●	●		Demolition of existing buildings, structures, and associated site improvements.
	024119	Selective Demolition	●		●	●	●	●	●	●	●	●		Demolition of selected portions of existing buildings, structures, and associated site improvements.
	024296	Historic Removal and Dismantling		●							●			Special types of selective demolition work for historic spaces and surfaces.
	028716.13	Bird Excrement Removal		●							●			Removal of bird excrement in historic or nonhistoric buildings.
DIVISION 03 - CONCRETE														
	030130	Maintenance of Cast-In-Place Concrete	●					●		●	●	●		Concrete patching and repair, epoxy crack injection, corrosion inhibiting surface treatment, polymer overlays and sealers, and composite structural performance.
	031000	Concrete Forming and Accessories	●					●			●	●		General building and structural applications; concrete formwork and waterstops.
	032000	Concrete Reinforcing	●					●			●	●		General building and structural applications; concrete reinforcing.
U	033000	Cast-In-Place Concrete	●					●			●	●		General building and structural applications; concrete mixtures, finishing, and curing.

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	033300	Architectural Concrete	●					●			●	●		Specially formed, placed, and finished architectural concrete.
	033543	Polished Concrete Finishing	●		●						●	●		Ground and polished concrete floor slabs, including stained and polished concrete.
	033713	Shotcrete	●					●	●		●	●		Pneumatically applied concrete, dry- and wet-mix processes.
	033816	Unbonded Post-Tensioned Concrete	●					●		●	●	●		Post-tensioning reinforcement, encapsulated and non-encapsulated.
U	034100	Precast Structural Concrete	●					●		●	●	●		Conventional precast structural concrete units.
U	034500	Precast Architectural Concrete	●						●		●	●		Precast concrete cladding units, insulated units, and masonry-faced units.
	034713	Tilt-Up Concrete	●					●			●	●		Wall panels and insulated sandwich panels.
	034900	Glass-Fiber-Reinforced Concrete (GFRC)	●					●			●	●		GFRC cladding panels; panel framing.
	035113	Cementitious Wood Fiber Decks	●					●			●	●		Monolithic, composite, and insulated composite units for roof and form decks.
	035216	Lightweight Insulating Concrete	●					●			●	●		Aggregate and cellular types.
	035300	Concrete Topping	●								●	●		High-strength concrete slab toppings for heavy-duty, industrial-type applications.
	035413	Gypsum Cement Underlayment	●		●						●	●		Self-leveling, gypsum-cement-based underlayment.
	035416	Hydraulic Cement Underlayment	●		●						●	●		Self-leveling, hydraulic-cement-based underlayment.
DIVISION 04 - MASONRY														
	040110	Masonry Cleaning	●								●	●		Nonhistoric applications for unit masonry and stone surfaces.
	040120.63	Brick Masonry Repair	●								●	●		Nonhistoric applications for clay brick masonry.
	040120.64	Brick Masonry Repointing	●								●	●		Nonhistoric applications for clay brick masonry.
	040140.61	Stone Repair	●								●	●		Nonhistoric applications for stone masonry.
	040140.62	Stone Repointing	●								●	●		Nonhistoric applications for stone masonry.
	040310	Historic Masonry Cleaning		●							●			Cleaning and removing paint from clay and stone masonry.
	040322	Historic Brick Unit Masonry Repair		●							●			Repairing, patching, and replacing brickwork.
	040323	Historic Brick Unit Masonry Repointing		●							●			Repointing mortar and sealant joints in brickwork.
	040326	Historic Terra Cotta Unit Masonry Repair		●							●			Repairing, patching, and replacing terra cotta.
	040327	Historic Terra Cotta Unit Masonry Repointing		●							●			Repointing mortar and sealant joints in terra cotta.
	040336	Historic Treatment of Adobe Masonry		●							●			Repairing and replacing adobe units, plaster, and paint.
	040342	Historic Stone Masonry Repair		●							●			Repairing, patching, and replacing stone.
	040343	Historic Stone Masonry Repointing		●							●			Repointing mortar and sealant joints in stonework.
	040345	Historic Stone Consolidation Treatment		●							●			Chemical consolidation to strengthen stone.
	042000	Unit Masonry	●		●			●	●		●	●		CMU, brick, structural-clay facing tile, and stone trim units.
	042200	Concrete Unit Masonry	●		●			●			●	●		Single-wythe CMU including decorative units.
	042300	Glass Unit Masonry	●		●						●	●		Glass block installed with mortar, glass block installed with spacers and sealant, and glass-block grid systems.
	042613	Masonry Veneer	●					●	●		●	●		Brick veneer over wood- or metal-stud backup.

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	044200	Exterior Stone Cladding	●					●			●	●		Exterior stone panels.
	044313.13	Anchored Stone Masonry Veneer	●						●		●	●		Stone laid in mortar and anchored to backup with masonry veneer anchors.
	044313.16	Adhered Stone Masonry Veneer	●						●		●	●		Stone adhered to backup with mortar; not anchored.
	047200	Cast Stone Masonry	●					●	●		●	●		Architectural features, facing, trim, and site accessories.
DIVISION 05 - METALS														
	050170.51	Decorative Metal Cleaning	●								●	●		Cleaning and removing paint.
U	050170.61	Decorative Metal Repair	●								●	●		Repairing, patching, and replacing components.
	050170.63	Decorative Metal Refinishing	●								●	●		Integral metal finishes and clear protective coatings.
	050371	Historic Decorative Metal Cleaning		●							●			Cleaning and removing paint.
U	050372	Historic Decorative Metal Repair		●							●			Repairing, patching, and replacing decorative metals, other than cast iron and sheet metal.
	050373	Historic Decorative Metal Refinishing		●							●			Integral metal finishes, metallic-plated finishes, and clear protective coatings.
U	050374	Historic Decorative Metal Replication		●							●			Replicating and installing items and assemblies.
	050383	Historic Cast Iron Repair		●							●			Filling defects, pinning, metal stitching, replacing components, and refinishing.
	050385	Historic Treatment of Decorative Formed Metal		●							●			Patching, replacing components, and refinishing formed sheet metal.
U	050387	Historic Treatment of Metal Sculpture		●							●			Patching, repairing, and refinishing copper-alloy and cast-iron sculpture.
	051200	Structural Steel Framing	●					●			●	●		Structural steel framing for buildings.
	051213	Architecturally Exposed Structural Steel Framing	●					●			●	●		Architecturally exposed structural steel framing for buildings.
	052100	Steel Joist Framing	●					●			●	●		Standard manufactured open-web units, including steel joists, long-span steel joists, and joist girders.
	053100	Steel Decking	●					●			●	●		Roof, floor, and form steel deck.
	054000	Cold-Formed Metal Framing	●					●			●	●		Load-bearing and exterior non-load-bearing wall studs; floor, ceiling, and roof joists; and rafters.
	054400	Cold-Formed Metal Trusses	●					●			●	●		Cold-formed steel trusses for roofs and floors.
	055000	Metal Fabrications	●		●	●	●	●	●	●	●	●		Metal items (not sheet metal) made from iron and steel shapes, stainless steel, and non-ferrous metals.
	055113	Metal Pan Stairs	●		●			●			●	●		Steel stairs with either metal pan or abrasive-finished metal treads.
	055116	Metal Floor Plate Stairs	●		●			●			●	●		Steel stairs with metal floor plate treads.
	055119	Metal Grating Stairs	●		●			●			●	●		Steel stairs with steel-bar-grating treads.
	055213	Pipe and Tube Railings	●		●				●	●	●	●		Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing.
	055313	Bar Gratings	●		●	●		●			●	●		Metal bar gratings and frames.
	055316	Plank Gratings	●		●	●		●			●	●		Metal plank gratings and frames.
	055319	Expanded Metal Gratings	●		●	●		●			●	●		Expanded metal gratings and frames.

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	055813	Column Covers	●		●						●	●		Spackled-seam and snap-together types, including those intended to be painted and those made form made from decorative metals, such as stainless steel, bronze, and brass.
	055819	Heating/Cooling Unit Covers	●		●						●	●		Heating-cooling unit enclosures shop fabricated from steel sheet to custom designs.
	055963	Detention Enclosures	●								●	●		Bar-grille and woven-rod-mesh assemblies, and security grilles and vents.
U	057000	Decorative Metal	●		●						●	●		Custom fabrications from nonferrous and ferrous metals.
	057100	Decorative Metal Stairs	●		●	●		●			●	●		Architectural steel stairs.
	057113	Fabricated Metal Spiral Stairs	●		●						●	●		Steel and aluminum units with center column and radiating treads.
U	057300	Decorative Metal Railings	●		●						●	●		Ornamental metal railings assembled from either standard or custom components and shapes. Also included are illuminated railings.
	057313	Glazed Decorative Metal Railings	●		●						●	●		Glass- and plastic-supported railings, and post-supported railings with glass infill, both assembled from either standard or custom decorative metal components and shapes.
	057500	Decorative Formed Metal	●		●						●	●		Miscellaneous decorative formed metal items that are shop fabricated from metal sheet to custom designs.
DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES														
	060312	Historic Wood Repair		●							●			Repairing, patching, and replacing wood components.
	061000	Rough Carpentry	●		●	●	●	●	●		●	●		Wood framing, furring, frounds, nailers, and blocking.
U	061053	Miscellaneous Rough Carpentry	●		●	●	●				●	●		Minor wood framing, furring, grounds, nailers, and blocking.
U	061063	Exterior Rough Carpentry	●					●	●		●	●		Wood fences and other exterior wood construction.
U	061300	Heavy Timber Construction	●					●			●	●		Solid timber framing.
	061516	Wood Roof Decking	●					●			●	●		Solid and laminated T & G decking.
U	061533	Wood Patio Decking	●					●	●		●	●		Elevated decks.
	061600	Sheathing	●					●			●	●		Roof and wall sheathing, subflooring, and underlayment. Includes wood, non-wood, and composite products.
U	061753	Shop-Fabricated Wood Trusses	●					●			●	●		Metal-plate-connected members.
U	061800	Glued-Laminated Construction	●					●	●		●	●		Glued-laminated structural framing.
	062013	Exterior Finish Carpentry	●		●						●	●		Exposed and nonstructural.
	062023	Interior Finish Carpentry	●		●						●	●		Exposed and nonstructural.
	064013	Exterior Architectural Woodwork	●		●						●	●		Trim, door frames, shutters, and ornamental items.
	064023	Interior Architectural Woodwork	●		●						●	●		Trim, cabinets, tops, paneling, stairs, and ornamental items.
U	064113	Wood-Veneer-Faced Architectural Cabinets	●		●						●	●		Custom-made veneer-faced cabinets.
U	064116	Plastic-Laminate-Clad Architectural Cabinets	●		●						●	●		Custom-made plastic-laminate cabinets.
	064214	Stile and Rail Wood Paneling	●		●						●	●		Solid-wood and veneered stile and rail paneling; transparent finished and opaque finished.
	064216	Flush Wood Paneling	●		●						●	●		Veneer-faced flush panels.
	064219	Plastic-Laminate-Faced Wood Paneling	●		●						●	●		Plastic-laminate-faced flush panels.

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	064400	Ornamental Woodwork	●		●						●	●		Miscellaneous shop-assembled woodwork items.
	066400	Plastic Paneling	●		●						●	●		Plastic paneling for utilitarian applications.
	067413	Fiberglass Reinforced Gratings	●		●	●		●			●	●		Fiberglass bar gratings and frames.
DIVISION 07 - THERMAL AND MOISTURE PROTECTION														
	070150.19	Preparation for Reroofing	●								●	●		Preparation for low-slope reroofing - tear-off and re-cover situations.
	071113	Bituminous Dampproofing	●						●	●	●	●		Cold-applied, cut-back- (solvent-based) and emulsified- (water-based) asphaltic dampproofing.
	071326	Self-Adhering Sheet Waterproofing	●						●	●	●	●		Self-adhering, positive-side sheet waterproofing; drainage panels; pedestal-supported concrete pavers.
	071353	Elastomeric Sheet Waterproofing	●							●	●	●		Butyl and EPDM sheet; drainage panels; pedestal-supported concrete pavers.
	071354	Thermoplastic Sheet Waterproofing	●							●	●	●		PVC sheet; drainage panels; pedestal-supported concrete pavers.
	071413	Hot Fluid-Applied Rubberized Asphalt Waterproofing	●							●	●	●		Hot, rubberized-asphalt waterproofing for plaza deck and below-grade walls.
	071416	Cold Fluid-Applied Waterproofing	●							●	●	●		Polyurethane, polyester, and rubber types; drainage panels and plaza-deck pavers.
	071613	Polymer Modified Cement Waterproofing	●								●	●		Polymer-modified cementitious waterproofing.
	071616	Crystalline Waterproofing	●								●	●		Crystal-forming, reactive cementitious waterproofing.
	071619	Metal Oxide Waterproofing	●								●	●		Expanding iron-oxide, cementitious waterproofing.
	071700	Bentonite Waterproofing	●								●	●		Bentonite sheet membrane and panel waterproofing systems.
	071800	Traffic Coatings	●								●	●		Cold liquid-applied water-resistant coatings with integral wearing surface.
	071900	Water Repellents	●								●	●		Clear and pigmented, penetrating, and film-forming, and MPI-approved types.
U	072100	Thermal Insulation	●								●	●		General building insulation installed at project site, excluding roof insulation.
	072119	Foamed-In-Place Insulation	●								●	●		Spray-applied polyurethane foam insulation.
	072413	Polymer-Based Exterior Insulation and Finish System (EIFS)	●								●	●		Composite flexible coating and inner layer of rigid, cellular thermal insulation.
	072419	Water-Drainage Exterior Insulation and Finish System (EIFS)	●								●	●		Composite flexible coating and inner layer of extruded-polystyrene board insulation with water drainage.
	072500	Weather Barriers	●								●	●		Building paper and building wrap water-resistive barriers, drainage materials, and flexible flashing.
	072600	Vapor Retarders	●								●	●		Interior sheet vapor retarders used in framed construction and in crawl spaces.
	072713	Modified Bituminous Sheet Air Barriers	●								●	●		Vapor-retarding, modified bituminous sheet type.
	072715	Nonbituminous Self-Adhering Sheet Air Barriers	●								●	●		Vapor-retarding and vapor-permeable nonbituminous sheet type.
	072726	Fluid-Applied Membrane Air Barriers	●								●	●		Vapor-retarding and vapor-permeable high-build, medium-build, and low-build types.
	073113	Asphalt Shingles	●								●	●		Glass-fiber-reinforced asphalt shingles.
	073116	Metal Shingles	●								●	●		Shingle panels and individual shingles for roofing and siding.

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Section No.	Section Title	Architectural			Building Eng.			Sitework		Multidiscipline			Description
		Arch	Hist	Int	Mech	Elec	Str	Lan	SC	Comp	AE	CX	
073126	Slate Shingles	●								●	●		Natural-slate roof shingles, underlayments, flashing, and accessories.
073129	Wood Shingles and Shakes	●								●	●		Wood shingles and shakes used as roof covering.
073213	Clay Roof Tiles	●								●	●		Clay tile roofing, underlayments, flashing, and accessories.
073216	Concrete Roof Tiles	●								●	●		Concrete tile roofing, underlayments, flashing, and accessories.
074113.13	Formed Metal Roof Panels	●								●	●		Standard-profile exposed-fastener, lap-seam panels, and horizontal-seam (Bermuda-type) panels.
074113.16	Standing-Seam Metal Roof Panels	●								●	●		Standard-profile pans with upturned edges.
074113.19	Batten-Seam Metal Roof Panels	●								●	●		Standard-profile pans with upturned edges covered by separate battens.
074116	Insulated Metal Roof Panels	●								●	●		Panels with foamed-insulation cores.
074213.13	Formed Metal Wall Panels	●								●	●		Standard-profile exposed- and concealed-fastener, lap-seam wall and liner panels.
074213.16	Metal Plate Wall Panels	●								●	●		Aluminum plates secured to buildings with specialized attachment systems.
074213.19	Insulated Metal Wall Panels	●								●	●		Panels with foamed-insulation, laminated-insulation, and honeycomb cores.
074213.23	Metal Composite Material Wall Panels	●								●	●		Panels with metal facings and thin plastic cores secured to buildings with specialized attachment systems.
074293	Soffit Panels	●								●	●		Concealed-fastener, lap-seam, metal panels, with and without perforations.
074616	Aluminum Siding	●								●	●		Aluminum siding and soffit.
074619	Steel Siding	●								●	●		Steel siding and soffit.
074624	Wood Shingle and Shake Siding	●								●	●		Wood shingles, shakes and wood-shingle-clad panels used as exterior wall cladding (siding).
074633	Plastic Siding	●								●	●		Vinyl siding and soffit.
074646	Fiber-Cement Siding	●								●	●		Fiber-cement siding and soffit.
075113	Built-Up Asphalt Roofing	●								●	●		Hot built-up asphalt roofing; roofing insulation.
075116	Built-Up Coal Tar Roofing	●								●	●		Hot built-up coal-tar roofing; roofing insulation.
075213	Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing	●								●	●		APP-modified bituminous membrane roofing; roofing insulation.
075216	Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing	●								●	●		SBS-modified bituminous membrane roofing; roofing insulation.
075316	Chlorosulfonate-Polyethylene (CSPE) Roofing	●								●	●		Adhered, mechanically fastened, and loosely laid CSPE systems.
075323	Ethylene-Propylene-Diene-Monomer (EPDM) Roofing	●								●	●		Adhered, self-adhered, mechanically fastened, and loosely laid EPDM systems.
075416	Ketone Ethylene Ester (KEE) Roofing	●								●	●		Adhered, mechanically fastened, and loosely laid KEE systems.
075419	Polyvinyl-Chloride (PVC) Roofing	●								●	●		Adhered, mechanically fastened, and loosely laid PVC systems.
075423	Thermoplastic-Polyolefin (TPO) Roofing	●								●	●		Adhered, self-adhered, mechanically fastened, and loosely laid TPO systems.

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			Arch	Hist	Int	Mech	Elec	Str	Lan	SC	Comp	AE	CX	
	075552.13	Atactic-Polypropylene (APP) Modified Bituminous Protected Membrane Roofing	●								●	●		Atactic-polypropylene (APP)-modified protected membrane roofing systems, including roofing membrane, roof insulation, base flashings, aggregate and roof paver ballast, and auxiliary roofing materials.
	075552.16	Styrene-Butadiene-Styrene (SBS) Modified Bituminous Protected Membrane Roofing	●								●	●		Styrene-butadiene-styrene (SBS)-modified bituminous protected membrane roofing systems, including roofing membrane, roof insulation, base flashings, vapor retarders, aggregate and roof paver ballast, and auxiliary roofing materials.
	075556	Fluid-Applied Protected Membrane Roofing	●								●	●		Ballasted, insulated, hot rubberized-asphalt protected roof membrane.
	075700	Coated Foamed Roofing	●								●	●		Spray polyurethane foam insulation with elastomeric protective coating for roofing applications.
	076100	Sheet Metal Roofing	●								●	●		Custom-fabricated, shop- or field-brake-formed, sheet metal roofing.
	076200	Sheet Metal Flashing and Trim	●			●	●				●	●		Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets.
	077100	Roof Specialties	●								●	●		Manufactured copings, roof-edge flashings and drainage systems, and counter flashings.
	077129	Manufactured Roof Expansion Joints	●								●	●		Factory-fabricated, bellows-type, and aluminum roof-expansion-joint assemblies.
U	077200	Roof Accessories	●			●	●				●	●		Roof curbs, equipment supports, roof hatches, heat and smoke vents, gravity ventilators, pipe supports, roof walkways, and preformed flashing sleeves.
	077253	Snow Guards	●								●	●		Pad- and rail-type, flat- or seam-mounted snow guards.
	077273	Vegetated Roof Systems	●						●		●	●		Vegetated roof assemblies for rooftop or plaza installation over roofing membrane.
	078100	Applied Fireproofing	●					●			●	●		Cementitious and mineral-fiber fire-resistive materials classified as SFRM.
U	078123	Intumescent Fireproofing	●					●			●	●		Mastic and intumescent fire-resistive coatings.
	078200	Board Fireproofing	●								●	●		Mineral-fiber and calcium silicate boards.
	078413	Penetration Firestopping	●			●	●				●	●		Systems installed in fire-resistance-rated walls, horizontal assemblies, and smoke barriers.
	078443	Joint Firestopping	●								●	●		Systems installed in or between fire-rated construction, at exterior curtain wall/floor intersections, and in smoke barriers.
	079100	Preformed Joint Seals	●								●	●		Expandable foam joint seals, and precured, extruded-silicone joint seals.
	079200	Joint Sealants	●		●	●					●	●		Elastomeric joint sealants including, silicone, urethane, STPE, polysulfide, butyl, and latex.
	079219	Acoustical Joint Sealants	●		●						●	●		For use in interior sound-rated construction.
	079513.13	Interior Expansion Joint Cover Assemblies	●								●	●		Expansion joint cover assemblies for interior floors, walls, and ceilings.
	079513.16	Exterior Expansion Joint Cover Assemblies	●								●	●		Expansion joint cover assemblies for exterior building walls, soffits, and parapets.
	079513.19	Parking Deck Expansion Joint Cover Assemblies	●								●	●		Expansion joint cover assemblies subject to vehicular traffic.

DIVISION 08 - OPENINGS

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	Section No.	Section Title	Architectural			Building Eng.			Sitework		Multidiscipline			Description
			Arch	Hist	Int	Mech	Elec	Str	Lan	SC	Comp	AE	CX	
	080152.61	Wood Window Repairs	●								●	●		Repairing, patching, reglazing, and replacing window components, storm windows, shutters, insect screens, and trim.
	080314	Historic Treatment of Wood Doors		●							●			Repairing, patching, and replacing primary door components, storm doors, storm vestibules, screen doors, and trim.
	080351.23	Historic Treatment of Steel Windows		●							●			Repairing, patching, reglazing, and replacing window components and insect screens; new storm windows.
	080351.33	Historic Treatment of Aluminum Windows		●							●			Including in-place, on-site or off-site repair and custom-fabricated, replacement work matching the existing.
	080352	Historic Treatment of Wood Windows		●							●			Repairing, patching, reglazing, and replacing window components, storm windows, shutters, insect screens, and trim.
	081113	Hollow Metal Doors and Frames	●		●						●	●		Hollow-metal doors and frames for commercial and residential use.
	081119	Stainless-Steel Doors and Frames	●								●	●		Stainless-steel units for aesthetic, cleanliness, or corrosive applications.
	081173	Sliding Metal Fire Doors	●		●						●	●		Horizontally sliding doors of composite, hollow-metal, and tubular -frame construction.
	081213	Hollow Metal Frames	●		●						●	●		Hollow-metal frames for commercial and residential use.
	081216	Aluminum Frames	●		●						●	●		Interior frames for wood or aluminum doors and glazing in gypsum-board partitions.
	081316.13	Aluminum Terrace Doors	●								●	●		For terrace or balcony access; aluminum, inward or outward swing.
	081416	Flush Wood Doors	●		●						●	●		Wood-veneer, hardboard, and plastic-laminate-faced flush wood doors.
	081433	Stile and Rail Wood Doors	●		●						●	●		Stock and custom stile and rail wood doors, included fire-rated doors.
	081433.13	Wood Terrace Doors	●								●	●		For exterior locations; aluminum or vinyl clad or unclad.
U	083113	Access Doors and Frames	●		●	●	●				●	●		Wall and ceiling units.
U	083113.53	Security Access Doors and Frames	●			●	●				●	●		Medium-, high-, and maximum-security units for walls and ceilings.
	083213	Sliding Aluminum-Framed Glass Doors	●								●	●		For exterior locations.
	083219	Sliding Wood-Framed Glass Doors	●								●	●		For exterior locations.
U	083313	Coiling Counter Doors	●		●						●	●		Overhead-coiling galvanized-steel, stainless-steel, and aluminum curtain assemblies.
U	083323	Overhead Coiling Doors	●		●						●	●		Galvanized-steel, stainless-steel, and aluminum curtain assemblies.
	083326	Overhead Coiling Grilles	●		●						●	●		Open-curtain and closed-curtain assemblies.
	083459	Vault Doors and Day Gates	●								●	●		Vault and file-room doors and gates for protecting records from fire.
	083463	Detention Doors and Frames	●								●	●		Hollow-metal detention doors and frames, including swinging and sliding doors.
	083473.13	Metal Sound Control Door Assemblies	●		●	●					●	●		Assemblies consisting of steel doors, steel frames, and sound control seals.
	083473.16	Wood Sound Control Door Assemblies	●		●	●					●	●		Assemblies consisting of wood doors, steel frames, and sound control seals.

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	Section No.	Section Title	Architectural			Building Eng.			Sitework		Multidiscipline			Description
			Arch	Hist	Int	Mech	Elec	Str	Lan	SC	Comp	AE	CX	
U	083483	Floor Doors	●								●	●		For interior and exterior locations.
	083513	Folding Doors	●		●						●	●		Accordion and panel folding doors, metal bifold doors, bifold mirror doors, and fire-rated folding doors.
	083613	Sectional Doors	●								●	●		Manual and electric garage-type overhead doors with steel, wood, aluminum, and translucent sections.
	084113	Aluminum-Framed Entrances and Storefronts	●		●						●	●		Aluminum storefront systems, entrance doors, and hardware.
	084126	All-Glass Entrances and Storefronts	●		●						●	●		All-glass entrance doors and hardware, sidelights, and storefronts.
	084213	Aluminum-Framed Entrances	●		●						●	●		Aluminum entrance doors and hardware.
	084226	All-Glass Entrances	●		●						●	●		All-glass entrance doors and hardware, and sidelights.
	084229.13	Folding Automatic Entrances	●								●	●		Power-operated one-side opening and biparting units.
	084229.23	Sliding Automatic Entrances	●								●	●		Power-operated single, biparting, and telescoping units.
	084229.33	Swinging Automatic Entrances	●								●	●		Power-operated power-assist and low-energy swinging units.
	084233	Revolving Door Entrances	●								●	●		Manual, automatic, and access-control units.
	084243	Intensive Care Unit/Critical Care Unit (ICU/CCU) Entrances	●		●						●	●		Manual sliding, swinging, and swinging/folding entrance assemblies primarily for individual special-care rooms.
	084313	Aluminum-Framed Storefronts	●								●	●		Aluminum storefront systems; also used for window walls, ribbon walls, strip windows, and punched openings.
	084413	Glazed Aluminum Curtain Walls	●								●	●		Curtain wall framing; also used for window walls, ribbon walls, strip windows, and punched openings.
	084423	Structural-Sealant-Glazed Curtain Walls	●								●	●		2- and 4-sided, structural-sealant-glazed curtain walls.
	084433	Sloped Glazing Assemblies	●								●	●		Glazed framing assemblies sloped more than 15 degrees from vertical.
	084513	Structured-Polycarbonate-Panel Assemblies	●								●	●		Aluminum-framed assemblies glazed with structured polycarbonate panels.
	084523	Fiberglass-Sandwich-Panel Assemblies	●								●	●		Aluminum-framed assemblies glazed with fiberglass sandwich panels.
U	085113	Aluminum Windows	●								●	●		Stock aluminum windows; most standard types.
	085119	Stainless Steel Windows	●								●	●		Cold-rolled windows fabricated from formed stainles- steel sheet.
	085123.13	Hot-Rolled Steel Windows	●								●	●		Hot-rolled windows.
	085123.23	Cold-Rolled Steel Windows	●								●	●		Cold-rolled windows fabricated from formed sheet metal.
	085200	Wood Windows	●								●	●		Stock wood windows; most standard types.
	085313	Vinyl Windows	●								●	●		Stock vinyl windows; most standard types.
	085413	Fiberglass Windows	●								●	●		Stock fiberglass windows; most standard type.
	085653	Security Windows	●								●	●		Vision and transaction windows that are forced-entry and ballistics resistant.
	085663	Detention Windows	●								●	●		Windows for applications where persons are forcibly retained.
	086100	Roof Windows	●								●	●		Wood, aluminum, and vinyl flat-glass units.
	086200	Unit Skylights	●								●	●		Standard factory-assembled units, with or without integral curbs.
	086300	Metal-Framed Skylights	●								●	●		Standard- or custom-designed aluminum-framed units with insulating glass or plastic lites.

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		Arch	Hist	Int	Mech	Elec	Str	Lan	SC	Comp	AE	CX	
087100	Door Hardware	●		●						●	●		For specifying door hardware by using a schedule that names products or indicates BHMA designations.
087111	Door Hardware (Descriptive Specification)	●		●						●	●		For specifying door hardware by using a schedule that includes nonproprietary product descriptions.
087113	Automatic Door Operators	●								●	●		Power operators, low-energy power operators, and low-energy power-assist door operators for swinging doors; furnished separately from doors and frames.
087163	Detention Door Hardware	●								●	●		For swinging and sliding detention doors.
088000	Glazing	●		●						●	●		Plain, laminated, and insulating glass.
088113	Decorative Glass Glazing	●		●						●	●		Patterned, enameled, acid-etched, sandblasted, and laminated glass with integral decoration, and glass with film overlay.
088300	Mirrors	●		●						●	●		Unframed, silvered flat glass mirrors including annealed monolithic, film-backed, laminated, and tempered.
088400	Plastic Glazing	●								●	●		Acrylic and polycarbonate glazing sheets.
088813	Fire-Resistant Glazing	●		●						●	●		Special tempered glass, film-faced and laminated ceramic glazing, laminated glass with intumescent layers, and gel-filled units.
088853	Security Glazing	●								●	●		Glazing resistant to ballistic attacks, forced entry, detention-security threats, and explosive blast.
089116	Operable Wall Louvers	●			●					●	●		Operable (adjustable) metal louvers including those with insulated blades.
089119	Fixed Louvers	●			●					●	●		Fixed metal louvers.
089516	Wall Vents	●								●	●		Wall vents, also called brick or foundation vents.
DIVISION 09 - FINISHES													
090190.52	Maintenance Repainting	●								●	●		Surface preparation; removing paint; and repainting, staining, and varnishing for redecoration or appearance.
090320	Historic Treatment of Plaster		●							●			Repairing, replacing, and replicating lime and gypsum plasters and cast plaster fabrications.
090353	Historic Treatment of Metal Ceilings		●							●			Repairing and replacing damaged components of nail-up, stamped metal ceilings.
090391	Historic Treatment of Plain Painting		●							●			Surface preparation, removing paint, and painting with historic or modern paints; staining and varnishing.
090394	Historic Treatment of Decorative Painting		●							●			Graining, marbleizing, stenciling, and striping applied over painted or bare substrates.
090395	Historic Treatment of Artistic Painting		●							●			Freehand painting and trompe l'oeil applied over painted or bare substrates.
090398	Historic Treatment of Gilding		●							●			Metallic leaf applied over painted or bare substrates.
090561.13	Moisture Vapor Emission Control	●		●						●	●		Membrane-forming systems that reduce the rate of moisture vapor emission through interior concrete.
092116.23	Gypsum Board Shaft Wall Assemblies	●								●	●		Fire-resistance-rated vertical shaft and horizontal enclosures, including metal framing.
092216	Non-Structural Metal Framing	●		●						●	●		Steel framing for gypsum board and plaster partitions and ceilngs.
092300	Gypsum Plastering	●		●						●	●		Gypsum plaster on expanded-metal lath, unit masonry, and concrete.

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	092400	Cement Plastering	●								●	●		Portland cement plaster (stucco) on metal lath, unit masonry, and concrete; exterior and interior.
	092613	Gypsum Veneer Plastering	●		●						●	●		Applied on gypsum base panels, unit masonry, or monolithic concrete.
	092713	Glass-Fiber-Reinforced Gypsum Fabrications	●		●						●	●		Factory-molded GRFG units for interior use.
	092900	Gypsum Board	●		●						●	●		Interior gypsum board, exterior gypsum board for ceilings and soffits, and tile backing boards.
U	093013	Ceramic Tiling	●		●						●	●		Ceramic mosaic, quarry, pressed floor, porcelain, and glazed wall tile.
U	093023	Glass Mosaic Tiling	●		●						●	●		Cast glass, fused glass, and low temperature coated glass tile.
U	093033	Stone Tiling	●		●						●	●		Thin, modular, cut stone units.
	093500	Chemical-Resistant Tiling	●								●	●		Quarry tile set in portland cement mortar, water-cleanable epoxy, or furan mortar.
	095113	Acoustical Panel Ceilings	●		●						●	●		Mineral-base, glass-fiber-base, and ceramic- and mineral-base panels with exposed suspension systems.
	095123	Acoustical Tile Ceilings	●		●						●	●		Mineral-base tile with concealed suspension systems, and directly attached acoustical tile.
U	095133	Acoustical Metal Pan Ceilings	●		●						●	●		Lay-in, clip-in, snap-in, and torsion-spring-hinged metal pans with exposed suspension systems.
	095423	Linear Metal Ceilings	●		●						●	●		Strip, decorative metal systems.
	095436	Suspended Decorative Grids	●		●						●	●		Rigid, open-frame, suspended grid, ceiling systems.
	095443	Stretched-Fabric Ceiling Systems	●		●						●	●		Site-assembled and -upholstered fabric systems for ceilings.
	095446	Fabric-Wrapped Ceiling Panels	●		●						●	●		Shop-fabricated, fabric-wrapped panels applied to ceilings or suspended.
	095753	Security Ceiling Assemblies	●								●	●		Downward-locking-panel and security-plank systems.
	096229	Cork Flooring	●		●						●	●		Cork tile, cork engineered tile, and cork rubber tile; cork floating floor system.
	096313	Brick Flooring	●		●						●	●		Interior applications only.
	096313.35	Chemical-Resistant Brick Flooring	●								●	●		Chemical-resistant mortars, grouts, and brick.
U	096340	Stone Flooring	●		●				●		●	●		Exterior and interior stone flooring; does not include stone tile.
	096400	Wood Flooring	●		●						●	●		Solid- and engineered-wood flooring, field- and factory-finished.
	096466	Wood Athletic Flooring	●		●						●	●		Maple flooring and shock-absorbing subfloor assemblies.
	096513	Resilient Base and Accessories	●		●						●	●		Resilient base, stair accessories, and molding accessories.
	096516	Resilient Sheet Flooring	●		●						●	●		Vinyl and rubber sheet floor coverings.
	096519	Resilient Tile Flooring	●		●						●	●		Solid vinyl, rubber, vinyl composition, and resilient terrazzo floor tiles.
	096536	Static-Control Resilient Flooring	●		●						●	●		Static-dissipative and static-conductive tile and sheet products.
	096543	Linoleum Flooring	●		●						●	●		Linoleum tile and sheet flooring.
	096566	Resilient Athletic Flooring	●								●	●		Resilient floor coverings designed for sports-activity areas.
	096613	Portland Cement Terrazzo Flooring	●		●						●	●		Poured-in-place portland cement terrazzo and rustic terrazzo flooring, and precast terrazzo units.

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096623	Resinous Matrix Terrazzo Flooring	●		●						●	●		Thin-set, epoxy-resin terrazzo flooring and precast terrazzo units.
U 096723	Resinous Flooring	●								●	●		Fluid-applied monolithic flooring including decorative epoxy and urethane resins.
096766	Fluid-Applied Athletic Flooring	●								●	●		Polyurethane flooring for athletic activity areas.
096813	Tile Carpeting	●		●						●	●		Modular carpet tile for commercial applications.
096816	Sheet Carpeting	●		●						●	●		Tufted and woven commercial carpet and carpet cushion.
096900	Access Flooring	●		●						●	●		Modular floor panels and support systems.
096933	Low-Profile Fixed Height Access Flooring	●		●						●	●		Flooring designed to accommodate power and data wiring beneath the flooring surface.
097200	Wall Coverings	●		●						●	●		Vinyl, textile, and woven glass-fiber wall coverings, and wallpaper.
097513	Stone Wall Facing	●		●						●	●		Dimension stone paneling on interior walls and columns, including units with carving or inscriptions.
097519	Stone Trim	●		●						●	●		Dimension stone interior trim, including stone base and window stools.
097713	Stretched-Fabric Wall Systems	●		●						●	●		Site-assembled and -upholstered fabric systems for walls.
097723	Fabric-Wrapped Panels	●		●						●	●		Shop-fabricated, fabric-wrapped, decorative and tackable wall panels not tested for acoustical performance.
098433	Sound-Absorbing Wall Units	●		●						●	●		Shop-fabricated, fabric-wrapped, sound-absorbing, sound-diffusing, and sound-reflecting wall panels tested for acoustical performance.
098436	Sound-Absorbing Ceiling Units	●		●						●	●		Shop-fabricated, fabric-wrapped, sound-absorbing, sound-diffusing, and sound-reflecting panels and sound-absorbing baffle panels applied to ceilings or suspended.
099113	Exterior Painting	●			●	●	●	●		●	●		Exterior painting.
099123	Interior Painting	●		●	●	●				●	●		Interior painting.
099300	Staining and Transparent Finishing	●		●				●		●	●		For interior and exterior wood: includes solid-color stains.
099419	Multicolor Interior Finishing	●		●						●	●		Polychromatic paint systems for use on interior vertical surfaces.
099423	Gilding	●		●						●	●		Interior and exterior oil gilding.
099600	High-Performance Coatings	●		●	●	●	●			●	●		Tile-like coatings for use on exterior and interior substrates.
099633	High-Temperature-Resistant Coatings	●			●					●	●		Heat-resistant coatings for use on exterior and interior substrates.
099646	Intumescent Painting	●								●	●		Fire-retardant Intumescent paint for combustible substrates reducing flame-spread index of combustible surfaces.
099653	Elastomeric Coatings	●								●	●		Pigmented, water-based, elastomeric coatings for use over concrete, masonry, and stucco.
099726	Cementitious Coatings	●								●	●		Polymer-modified cementitious coatings on masonry and concrete; exterior and interior.
DIVISION 10 - SPECIALTIES													
101100	Visual Display Units	●		●						●	●		Chalkboards, markerboards, tackboards, floor-to-ceiling assemblies and support systems, sliding units, and conference units.
101146	Visual Display Fabrics	●		●						●	●		Fabric-backed-vinyl dry-erase wall coverings.
101200	Display Cases	●		●						●	●		Illuminated and nonilluminated types.

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U	101300	Directories	●		●						●	●		Illuminated and nonilluminated types with changeable message strips or changeable letters.
	101416	Plaques	●		●				●		●	●		One-piece, cast or etched, solid-metal plaques.
	101419	Dimensional Letter Signage	●		●				●		●	●		Individually mounted dimensional characters and illuminated dimensional characters that are combined to form signs.
	101423	Panel Signage	●		●				●		●	●		Panel signs, illuminated panel signs, and field-applied, vinyl-character signs.
	101423.16	Room-Identification Panel Signage	●								●	●		Panel signs and sign systems used specifically for room identification; sometimes called "ADA Signs."
	101426	Post and Panel/Pylon Signage	●						●		●	●		Illuminated and nonilluminated, freestanding panel signs that are supported by posts or configured as pylons.
	101429	Modular Signage	●								●	●		Signs with multiple removable sections, containing text or graphics, attached to a base frame.
	101473	Painted Signage	●		●						●	●		Field-lettered signs that are painted directly on substrates.
	101700	Telephone Specialties	●		●						●	●		Telephone booths, enclosures, housings, outdoor boxes, kiosks, and directory storage units.
U	102113.13	Metal Toilet Compartments	●		●						●	●		Painted steel toilet enclosures, entrance screens, and urinal screens.
U	102113.14	Stainless-Steel Toilet Compartments	●		●						●	●		Stainless-steel toilet enclosures, entrance screens, and urinal screens.
U	102113.16	Plastic-Laminate-Clad Toilet Compartments	●		●						●	●		Plastic-laminate-clad toilet enclosures, entrance screens, and urinal screens.
U	102113.17	Phenolic-Core Toilet Compartments	●		●						●	●		Phenolic-core toilet enclosures, entrance screens, and urinal screens.
U	102113.19	Plastic Toilet Compartments	●		●						●	●		Solid-polymer toilet enclosures, entrance screens, and urinal screens.
U	102113.40	Stone Toilet Compartments	●		●						●	●		Marble, granite, and engineered stone toilet enclosures, entrance screens, and urinal screens; plastic-laminate, stainless-steel, and wood doors.
U	102116.13	Metal Shower and Dressing Compartments	●								●	●		Painted-steel shower and dressing compartments and prefabricated shower receptors.
U	102116.14	Stainless-Steel Shower and Dressing Compartments	●								●	●		Stainless-steel shower and dressing compartments and prefabricated shower receptors.
U	102116.17	Phenolic-Core Shower and Dressing Compartments	●								●	●		Phenolic-core shower and dressing compartments and prefabricated shower receptors.
U	102116.19	Plastic Shower and Dressing Compartments	●								●	●		Solid-plastic shower and dressing compartments and prefabricated shower receptors.
	102123	Cubicle Curtains and Track	●		●						●	●		Curtains, tracks, and carriers for hospital cubicles.
	102213	Wire Mesh Partitions	●		●						●	●		Standard- and heavy-duty partitions, ceilings, railing insert panels, and equipment barriers.
	102219	Demountable Partitions	●		●						●	●		Reusable, site-assembled or unitized-panel demountable partition systems, including solid panels, door panels and doors, glazed panels, and all-glass systems.
	102233	Accordion Folding Partitions	●		●						●	●		Acoustically and fire-rated, manually and electrically operated accordion folding partitions.

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	102239	Folding Panel Partitions	●		●						●	●		Manually and electrically operated panel partitions supported from overhead track; acoustically rated, fire rated, and non-rated; for interior use.
	102239.13	Folding Glass-Panel Partitions	●		●						●	●		Manually operated glass-panel partitions supported from an overhead track, for interior use.
	102600	Wall and Door Protection	●		●						●	●		Predominantly plastic products and assemblies that protect surfaces of walls, corners, and doors from damage.
U	102800	Toilet, Bath, and Laundry Accessories	●		●						●	●		Standard commercial, institutional, and residential units.
	102813.63	Detention Toilet Accessories	●								●	●		Safety hooks, shelves, combination shelves with safety hooks, and stainless-steel mirrors.
U	102819	Tub and Shower Enclosures	●		●		●				●	●		Framed and frameless shower doors and enclosures.
U	104413	Fire Protection Cabinets	●		●	●					●	●		Fire-protection cabinets and security fire-protection cabinets.
	104416	Fire Extinguishers	●		●	●					●	●		Portable and wheeled fire extinguishers.
	104513	Photoluminescent Egress Path Markings	●								●	●		Luminous egress path markings, used in stairs and exit enclosures, to help occupants exit in an emergency.
U	105113	Metal Lockers	●		●						●	●		Corridor, athletic, and open-front athletic metal lockers.
U	105113.13	Coin-Operated Metal Lockers	●		●						●	●		Coin-operated lockers used in public facilities for temporary storage of personal belongings.
	105116	Wood Lockers	●		●						●	●		Wood-faced wood lockers.
	105123	Plastic-Laminate-Clad Lockers	●		●						●	●		Plastic-laminate-clad wood lockers.
	105143	Wire Mesh Storage Lockers	●				●				●	●		Woven wire mesh storage cubicles.
	105500.13	Usps-Delivery Postal Specialties	●		●						●	●		United States Postal Service (USPS)-approved postal-delivery and collection equipment.
	105500.16	Private-Delivery Postal Specialties	●		●						●	●		Postal-delivery and collection equipment for facilities not serviced by the United States Postal Service (USPS).
	105613	Metal Storage Shelving	●		●						●	●		Freestanding case-type, four-post, and post-and-beam shelving designed to be loaded by hand.
	105626	Mobile Storage Shelving	●		●						●	●		Shelving units mounted on wheeled carriages on tracks.
	107313	Awnings	●						●		●	●		Fixed and retractable awnings.
	107343	Transportation Stop Shelters	●								●	●		Freestanding, modular shelters used for transit passengers, smoking shelters, and other applications.
	107516	Ground-Set Flagpoles	●						●		●	●		Aluminum, bronze, stainless-steel, steel, and fiberglass ground-set flagpoles.
	107523	Wall-Mounted Flagpoles	●						●		●	●		Aluminum, bronze, stainless-steel, and fiberglass wall-mounted flagpoles.
	107526	Roof-Mounted Flagpoles	●						●		●	●		Aluminum, bronze, stainless-steel, steel, and fiberglass roof-mounted flagpoles.
	107529	Plaza-Mounted Flagpoles	●						●		●	●		Aluminum, bronze, stainless-steel, and fiberglass plaza-mounted flagpoles.
	108316	Banners	●		●				●		●	●		Suspended or tensioned fabrics and films for exterior or interior use, with or without applied graphics.

DIVISION 11 - EQUIPMENT

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			Arch	Hist	Int	Mech	Elec	Str	Lan	SC	Comp	AE	CX	
	110513	Common Motor Requirements for Equipment	●		●		●		●	●	●	●		Universal default values for small and medium, ac motors.
	111200	Parking Control Equipment	●								●	●		Automatic barrier gates, vehicle detectors, traffic controllers, ticket dispensers, exit terminals, pay stations, fee computers, management software, and access control units.
	111313	Loading Dock Bumpers	●				●				●	●		Laminated-tread, molded- and extruded-rubber, and steel-face dock bumpers.
	111316	Loading Dock Seals and Shelters	●				●				●	●		Foam-pad and inflatable dock seals, rigid- and flexible-frame dock shelters, inflatable dock shelters, and transparent curtains.
	111319	Stationary Loading Dock Equipment	●								●	●		Built-in recessed, edge-of-dock, top-of-dock, and vertical storing dock levelers, truck restraints, truck levelers, and light-communication systems.
	111323	Portable Dock Equipment	●				●				●	●		Built-in, scissors-type, single-leg, hydraulic dock lifts.
	111916	Detention Gun Lockers	●								●	●		Secure compartment for storage of firearms.
	113013	Residential Appliances	●		●						●	●		Major kitchen and laundry appliances.
	113200	Unit Kitchens	●		●						●	●		Standard metal, plastic-laminate, and wood types.
	114000	Foodservice Equipment	●		●						●	●		Commercial foodservice equipment.
	115123	Library Stack Systems	●								●	●		Steel-bracket, steel four-post, steel-case, and wood-case shelving.
	115213	Projection Screens	●		●						●	●		Front projection screens.
	115213.19	Rear Projection Screens	●		●						●	●		Rear projection screens.
	115313	Laboratory Fume Hoods	●		●	●	●				●	●		Hoods and hood stands, including work tops.
	116123	Folding and Portable Stages	●		●						●	●		Portable stage platforms, seating-platform risers, standing choral risers, and acoustical shells for interior use.
	116143	Stage Curtains	●		●						●	●		Stage curtain fabrics, draw-curtain tracks, and rigging accessories.
	116623	Gymnasium Equipment	●								●	●		Indoor badminton, basketball, volleyball, and exercise equipment, and safety pads.
	116653	Gymnasium Dividers	●								●	●		Gymnasium divider curtains.
	116800	Play Field Equipment and Structures	●						●		●	●		Public playground equipment for children aged two through 12.
	117300	Patient Care Equipment	●								●	●		Ceiling-mounted patient-lift systems; intravenous tracks, carriers, and bottle holders; patient-bed locators; and patient-bed service walls.
	118226	Facility Waste Compactors	●								●	●		Commercial, wet- and dry-waste compactor units.
DIVISION 12 - FURNISHINGS														
	122113	Horizontal Louver Blinds	●		●						●	●		Manually and motor-operated horizontal louver blinds.
	122116	Vertical Louver Blinds	●		●						●	●		Manually and motor-operated vertical louver blinds.
	122200	Curtains and Drapes	●		●						●	●		Draperies and manually operated and motorized drapery tracks.
	122413	Roller Window Shades	●		●						●	●		Manually and motor-operated roller shades installed vertically or at skylights.
	122416	Pleated Window Shades	●		●						●	●		Manually and motor-operated pleated shades operated from the top down.
U	123213	Manufactured Wood-Veneer-Faced Casework	●		●						●	●		Standard manufactured wood-veneer-faced casework.
U	123216	Manufactured Plastic-Laminate-Clad Casework	●		●						●	●		Standard manufactured plastic-laminate-clad casework.

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	123530	Residential Casework	●		●						●	●		Stock manufactured kitchen and vanity cabinets.
	123553.13	Metal Laboratory Casework	●		●						●	●		Metal laboratory cabinets including countertops, accessories, and service fittings.
U	123553.16	Plastic-Laminate-Clad Laboratory Casework	●		●						●	●		Plastic-laminate-clad laboratory cabinets including countertops, accessories, and service fittings.
U	123553.19	Wood Laboratory Casework	●		●						●	●		Wood laboratory cabinets including countertops, accessories, and service fittings.
	123570	Healthcare Casework	●		●						●	●		Stainless- and enameled-steel healthcare casework.
	123616	Metal Countertops	●		●						●	●		Stainless steel countertops, including integral sinks and shelves.
	123619	Wood Countertops	●		●						●	●		Wide-width solid-wood, butcher-block, and veneered tops.
U	123623.13	Plastic-Laminate-Clad Countertops	●		●						●	●		Plastic-laminate countertops.
	123640	Stone Countertops	●		●						●	●		Countertops made from dimension stone slabs.
	123661.13	Cultured Marble Countertops	●		●						●	●		Cultured marble countertops including integral sinks.
	123661.16	Solid Surfacing Countertops	●		●						●	●		Solid surface countertops and sinks.
	123661.19	Quartz Agglomerate Countertops	●		●						●	●		Quartz agglomerate countertops.
	124813	Entrance Floor Mats and Frames	●		●						●	●		Roll-up (removable) rail mats as well as resilient entrance mats. Frames are also included.
U	124816	Entrance Floor Grilles	●		●						●	●		Rigid assembly of rail treads set in recessed frames in the floor.
	125500	Detention Furniture	●								●	●		Bunks, mattresses, desks, tables, and seating.
	126100	Fixed Audience Seating	●		●						●	●		Upholstered and unupholstered assembly-space seating for interior or exterior applications; also continuous lecture-hall tables.
	126313	Stadium and Arena Bench Seating	●						●		●	●		Fixed, continuous bench- or plank-type metal seating.
	126600	Telescoping Stands	●								●	●		Standard interior systems; manually or automatically operated.
	129200	Interior Planters and Artificial Plants	●		●				●		●	●		Freestanding planters, self-contained subirrigation, and manufactured interior plants.
DIVISION 13 - SPECIAL CONSTRUCTION														
	132416	Saunas	●		●						●	●		Modular and precut saunas, with heaters and accessories.
	132700	Vaults	●		●						●	●		Factory-fabricated and site-assembled modular vaults; vault doors.
	133419	Metal Building Systems	●					●			●	●		Systems consisting of structural framing, roofing and siding panels, and standard components.
U	133423.16	Fabricated Control Booths	●								●	●		Freestanding steel and aluminum control booths.
	134713	Cathodic Protection					●				●	●		Passive corrosion protection for steel and iron pipes and tanks.
	134900	Radiation Protection	●								●	●		X-ray, gamma ray, and neutron shielding construction.
DIVISION 14 - CONVEYING EQUIPMENT														
U	141000	Dumbwaiters	●		●						●	●		Preengineered, hand- and power-operated types.
	142100	Electric Traction Elevators	●								●	●		Passenger and service elevators, traction drive, including machine -room-less type.
	142113	Electric Traction Freight Elevators	●								●	●		Freight elevators, traction drive, except machine-room-less type.

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	142123.16	Machine Room-Less Electric Traction Passenger Elevators	●								●	●		Passenger and service elevators, traction drive, machine-room-less type.
	142400	Hydraulic Elevators	●								●	●		Passenger and service elevators, direct hydraulic and roped hydraulic units.
	142413	Hydraulic Freight Elevators	●								●	●		Freight elevators, direct hydraulic and roped hydraulic units.
	142600	Limited-Use/Limited-Application Elevators	●								●	●		LU/LA elevators, hydraulic and roped-hydraulic units.
	143100	Escalators	●								●	●		Standard and high-traffic, interior and exterior units.
	143200	Moving Walks	●								●	●		Interior and exterior, horizontal or inclined, pallet- or belt-type units.
	144119	Stairway Chairlifts	●		●						●	●		Inclined type for public and private-residence use.
	144200	Wheelchair Lifts	●								●	●		Vertical and inclined types for public, courtroom, and private-residence use.
	149133	Laundry and Linen Chutes	●								●	●		Gravity-type metal chutes for soiled linens.
	149182	Trash Chutes	●								●	●		Gravity-type metal chutes and diverters for waste materials.
DIVISION 21 - FIRE SUPPRESSION														
	210513	Common Motor Requirements for Fire Suppression Equipment				●					●	●		Universal default values for small and medium, ac motors.
	210517	Sleeves and Sleeve Seals for Fire-Suppression Piping				●					●	●		Sleeves and sleeve seals for piping at floor and wall penetrations.
	210518	Escutcheons for Fire-Suppression Piping				●					●	●		Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations.
	210523	General-Duty Valves for Fire Protection Piping				●					●	●		Valves common to most fire-protection piping.
	210529	Hangers and Supports for Fire Supression Piping and Equipment				●					●	●		Single and multiple hangers, framing systems, and stands and supports.
	210533	Heat Tracing for Fire-Suppression Piping				●					●	●		Electric cables for freeze protection.
U	210548	Vibration and Seismic Controls for Fire-Suppression Piping and Equipment				●					●	●		Vibration isolation devices and seismic restraints.
U	210548.13	Vibration Controls for Fire-Suppression Piping and Equipment				●					●	●		Vibration isolation devices.
	210553	Identification for Fire-Suppression Piping and Equipment				●					●	●		Labels, stencils, and tags.
U	210700	Fire-Suppression Systems Insulation				●					●	●		Equipment and pipe insulation.
	210800	Commissioning of Fire Suppression									●		●	Requirements and procedures for commissioning fire supression systems.
U	211100	Facility Fire-Suppression Water-Service Piping				●					●	●		Fire suppression piping and specialties outside the building.
	211116	Facility Fire Hydrants				●					●	●		AWWA and UL listed dry- and wet-barrel fire hydrants.
	211119	Fire Department Connections				●					●	●		Exposed-, flush-, and yard-type fire-department connections.
	211200	Fire-Suppression Standpipes				●					●	●		Piping, specialties, valves, hose valves, and hose stations.
	211213	Fire-Suppression Hoses and Nozzles				●					●	●		Hoses, reels, and racks for rack- and reel-type hose stations; and fire-suppression monitors.
	211313	Wet-Pipe Sprinkler Systems				●					●	●		Piping, specialties, valves, and sprinklers for wet-pipe sprinkler systems.
	211316	Dry-Pipe Sprinkler Systems				●					●	●		Piping, specialties, valves, and sprinklers for dry-pipe and preaction sprinkler systems.

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U	211339	Foam-Water Systems				●					●	●		Fixed, low-expansion, AFFF systems for flammable-liquid fires.
	212113.13	High-Pressure, Carbon-Dioxide Fire-Extinguishing Systems				●					●	●		Piping, fittings, and specialties for sytems that deliver carbon dioxide for fire extinguishing and suppression.
	212113.16	Low-Pressure, Carbon-Dioxide Fire-Extinguishing Systems				●					●	●		Piping, fittings, and specialties for systems that deliver carbon dioxide for fire extinguishing and suppression.
	212200	Clean-Agent Fire-Extinguishing Systems				●					●	●		Piping, containers, detection and alarms, and controls for clean-agent systems.
U	213113	Electric-Drive, Centrifugal Fire Pumps				●					●	●		End-suction, in-line, and split-case fire pumps; accessories, specialties, and flowmeter systems.
U	213116	Diesel-Drive, Centrifugal Fire Pumps				●					●	●		End-suction, in-line, and split-case fire pumps; accessories, specialties, and flowmeter systems.
U	213213	Electric-Drive, Vertical-Turbine Fire Pumps				●					●	●		Fire pumps, accessories, specialties, and flowmeter systems.
U	213216	Diesel-Drive, Vertical-Turbine Fire Pumps				●					●	●		Fire pumps, accessories, specialties, and flowmeter systems.
U	213413	Pressure-Maintenance Pumps				●					●	●		Multistage, regenerative turbine, submersible, and vertical-turbine pumps; pump controllers.
DIVISION 22 - PLUMBING														
	220513	Common Motor Requirements for Plumbing Equipment				●					●	●		Universal default values for small and medium, ac motors.
U	220516	Expansion Fittings and Loops for Plumbing Piping				●					●	●		Expansion joints and expansion-compensation devices for plumbing piping.
	220517	Sleeves and Sleeve Seals for Plumbing Piping				●					●	●		Sleeves and sleeve seals for piping at floor and wall penetrations.
	220518	Escutcheons for Plumbing Piping				●					●	●		Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations.
	220519	Meters and Gages for Plumbing Piping				●					●	●		Temperature, pressure, and flow.
	220523.12	Ball Valves for Plumbing Piping				●					●	●		Ball valves common to multiple systems.
	220523.13	Butterfly Valves for Plumbing Piping				●					●	●		Butterfly valves common to multiple systems.
	220523.14	Check Valves for Plumbing Piping				●					●	●		Check valves common to multiple systems.
	220523.15	Gate Valves for Plumbing Piping				●					●	●		Gate valves common to multiple systems.
	220529	Hangers and Supports for Plumbing Piping and Equipment				●					●	●		Single and multiple hangers, framing systems, and stands and supports.
	220533	Heat Tracing for Plumbing Piping				●					●	●		Electric cables for freeze protection, snow and ice melting, and temperature maintenance.
U	220548	Vibration and Seismic Controls for Plumbing Piping and Equipment				●					●	●		Vibration isolation devices and seismic restraints.
U	220548.13	Vibration Controls for Plumbing Piping and Equipment				●					●	●		Vibration isolation devices.
	220553	Identification for Plumbing Piping and Equipment				●					●	●		Labels, stencils, and tags.
U	220716	Plumbing Equipment Insulation				●					●	●		Insulation materials, jackets, and installation accessories for plumbing equipment.
U	220719	Plumbing Piping Insulation				●					●	●		Insulation materials, jackets, and installation accessories for plumbing piping.
	220800	Commissioning of Plumbing									●		●	Requirements and procedures for commissioning plumbing systems.

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U	221113	Facility Water Distribution Piping	●			●			●	●	●	●		Utility service, domestic, and fire-protection water, specialties, and valves.
	221116	Domestic Water Piping				●					●	●		Potable-water distribution within the building.
	221117	Gray-Water Piping				●					●	●		Non-potable water piping.
	221119	Domestic Water Piping Specialties				●					●	●		Specialties, valves, and fittings for domestic water piping.
U	221123.13	Domestic-Water Packaged Booster Pumps				●					●	●		Water-pressure boosters, simplex and multi-plex; constant- and variable speed pumps.
U	221123.21	Inline, Domestic-Water Pumps				●					●	●		In-line separately coupled, close-coupled, centrifugal pumps.
U	221216	Facility Elevated, Potable-Water Storage Tanks	●			●				●	●	●		Above-ground water storage.
U	221219	Facility Ground-Mounted, Potable-Water Storage Tanks	●			●				●	●	●		Surface-mounted water storage.
U	221223.11	Facility Indoor Potable-Water Storage Tanks				●					●	●		Water storage; compression and diaphragm.
	221313	Facility Sanitary Sewers	●			●				●	●	●		Sanitary sewerage and underground structures outside the building.
	221316	Sanitary Waste and Vent Piping				●					●	●		Soil, waste, and vent piping within the building.
U	221319	Sanitary Waste Piping Specialties	●			●					●	●		Backwater and air admittance valves, cleanouts, sanitary assemblies, FOG systems, and sanitary drainage specialties.
U	221319.13	Sanitary Drains				●					●	●		Floor and trench drains, and channel drain systems.
U	221323	Sanitary Waste Interceptors	●			●				●	●	●		Grease, oil, and sand interceptors for sewerage systems outside the building.
U	221329	Sanitary Sewerage Pumps				●					●	●		Effluent pumps; automatic, packaged; basins and covers.
U	221343	Facility Packaged Sewage Pumping Stations	●			●				●	●	●		Pump, compressor, tank, and controls.
U	221353	Facility Septic Tanks	●			●				●	●	●		Tank, distribution box, and drainage pipe.
U	221363	Facility Gray-Water Storage Tanks				●					●	●		Above-ground gray-water storage.
	221413	Facility Storm Drainage Piping	●			●			●	●	●	●		Stormwater piping within the building.
	221423	Storm Drainage Piping Specialties	●			●			●	●	●	●		Roof drains, cleanouts, trench drains, channel drains, and piping specialties.
	221429	Sump Pumps				●					●	●		Submersible, wet-pit volute, and package drainage-pump units; basins and covers.
	221463	Facility Storm-Water Retention Tanks				●					●	●		Above-ground storm-water storage.
	221513	General-Service Compressed-Air Piping				●					●	●		Nonmedical piping, equipment, and accessories.
U	221519	General-Service Packaged Air Compressors and Receivers				●					●	●		Nonmedical air compressors, filters, and dryers.
U	223100	Domestic Water Softeners				●					●	●		Domestic and general use, not treatment.
U	223200	Domestic Water Filtration Equipment				●					●	●		Separators; and bag, cartridge, carbon, sand, and greensand filters.
U	223300	Electric, Domestic-Water Heaters				●					●	●		Household and commercial; tankless, instantaneous, and storage types.
U	223400	Fuel-Fired, Domestic-Water Heaters				●					●	●		Household and commercial; gas and oil fired; instantaneous and storage types.
U	223500	Domestic-Water Heat Exchangers				●					●	●		Steam and hot-water heat exchangers; instantaneous and storage types.

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	Section No.	Section Title	Architectural			Building Eng.			Sitework		Multidiscipline			Description
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	224100	Residential Plumbing Fixtures	●		●	●					●	●		Residential water closets, lavatories, sinks, bathtubs, and shower receptors and basins.
	224213.13	Commercial Water Closets	●		●	●					●	●		Commercial water closets, supports, flushometer valves, and supplies.
	224213.16	Commercial Urinals	●		●	●					●	●		Commercial urinals, supports, and flushometer valves.
	224216.13	Commercial Lavatories	●		●	●					●	●		Commercial lavatories, supports, faucets, traps, and supplies.
	224216.16	Commercial Sinks	●		●	●					●	●		Commercial sinks, supports, faucets, traps, and supplies.
	224223	Commercial Showers	●		●	●					●	●		Shower receptors, basins, enclosures, faucets, and heads.
	224233	Wash Fountains	●		●	●					●	●		Stone, metal, and plastic wash fountains.
	224300	Healthcare Plumbing Fixtures	●			●					●	●		Plumbing fixtures for healthcare facilities.
	224500	Emergency Plumbing Fixtures	●			●					●	●		Individual and combination emergency eyewash and shower units.
	224600	Security Plumbing Fixtures	●			●					●	●		Detention facility plumbing fixtures.
U	224713	Drinking Fountains	●		●	●					●	●		Pedestal, antifreeze pedestal, wheelchair accessible, wall mounted.
	224716	Pressure Water Coolers	●		●	●					●	●		Freestanding, wall mounted, and wheelchair accessible.
	224723	Remote Water Coolers	●		●	●					●	●		Remote water chillers.
U	226113	Compressed-Air Piping for Laboratory and Healthcare Facilities				●					●	●		Piping for nonmedical laboratory air, medical air, dental air, instrument air, and medical laboratory air.
U	226119	Compressed-Air Equipment for Laboratory and Healthcare Facilities				●					●	●		Compressors, filters, and dryers for laboratory and healthcare facilities.
U	226213	Vacuum Piping for Laboratory and Healthcare Facilities				●					●	●		Piping for laboratory vacuum, medical surgical vacuum, waste anesthetic gas, dental vacuum, oral evacuation, and healthcare laboratory vacuum.
U	226219	Vacuum Equipment for Laboratory and Healthcare Facilities				●					●	●		Vacuum producers and accessories for laboratory and healthcare facilities.
U	226313	Gas Piping for Laboratory and Healthcare Facilities				●					●	●		Piping for CO2, helium, NO2, and O2.
	226400	Medical Gas Alarms				●					●	●		Alarms for medical gas systems.
U	226600	Chemical-Waste Systems for Laboratory and Healthcare Facilities				●					●	●		Single- and double-wall piping and specialties, neutralization tanks, and leak detection.
	226700	Processed Water Systems for Laboratory and Healthcare Facilities				●					●	●		Pipe, fittings, and specialties for deionized, distilled, and reverse osmosis water.
	226713	Processed Water Piping for Laboratory and Healthcare Facilities				●	●				●	●		Pipe, fittings, and valves for reagent, deionized, distilled, and reverse osmosis water.
	226719	Processed Water Equipment for Laboratory and Healthcare Facilities				●	●				●	●		Equipment for reagent, deionized, distilled, and reverse osmosis water.
DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)														
	230130.52	Existing HVAC Air Distribution System Cleaning				●					●	●		Cleaning existing HVAC air-distribution equipment, ducts, plenums, air outlets and inlets, and duct accessories.
	230513	Common Motor Requirements for HVAC Equipment				●					●	●		Universal default values for small and medium, ac motors.
U	230516	Expansion Fittings and Loops for HVAC Piping				●					●	●		Expansion joints and expansion-compensation devices for HVAC piping.

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	230517	Sleeves and Sleeve Seals for HVAC Piping				●					●	●		Sleeves and sleeve seals for piping at floor and wall penetrations.
	230518	Escutcheons for HVAC Piping				●					●	●		Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations.
	230519	Meters and Gages for HVAC Piping				●					●	●		Temperature, pressure, and flow.
	230523.11	Globe Valves for HVAC Piping				●					●	●		Globe valves common to multiple systems.
	230523.12	Ball Valves for HVAC Piping				●					●	●		Ball valves common to multiple systems.
	230523.13	Butterfly Valves for HVAC Piping				●					●	●		Butterfly valves common to multiple systems.
	230523.14	Check Valves for HVAC Piping				●					●	●		Check valves common to multiple systems.
	230523.15	Gate Valves for HVAC Piping				●					●	●		Gate valves common to multiple systems.
	230523.16	Plug Valves for HVAC Piping				●					●	●		Plug valves common to multiple systems.
	230529	Hangers and Supports for HVAC Piping and Equipment				●					●	●		Single and multiple hangers, framing systems, and stands and supports.
	230533	Heat Tracing for HVAC Piping				●					●	●		Electric cables for freeze protection.
N	230546	Coatings for HVAC				●					●	●		Antimicrobial UV-C lamp systems for mounting inside HVAC equipment, for treatment of HVAC surfaces.
U	230548	Vibration and Seismic Controls for HVAC				●					●	●		Vibration isolation devices and seismic restraints.
U	230548.13	Vibration Controls for HVAC				●					●	●		Vibration isolation devices.
	230553	Identification for HVAC Piping and Equipment				●					●	●		Labels, stencils, and tags.
	230566	Antimicrobial Ultraviolet Lamp Systems for HVAC												Antimicrobial ultraviolet lamp systems for mounting in air-handling units, fan coil units, and packaged unitary HVAC equipment.
U	230593	Testing, Adjusting, and Balancing for HVAC				●					●	●		Air distribution and hydronic systems.
	230713	Duct Insulation				●					●	●		Insulation materials, jackets, and installation accessories for HVAC ducts.
U	230716	HVAC Equipment Insulation				●					●	●		Insulation materials, jackets, and installation accessories for HVAC equipment.
U	230719	HVAC Piping Insulation				●					●	●		Insulation materials, jackets, and installation accessories for HVAC piping.
	230800	Commissioning of HVAC									●		●	Requirements and procedures for commissioning HVAC systems.
	230923	Direct Digital Control (DDC) System for HVAC				●					●	●		Direct digital control system for monitoring and controlling HVAC systems.
	230923.11	Control Valves				●					●	●		Control valves and actuators that connect to direct digital control systems.
	230923.12	Control Dampers				●					●	●		Control dampers and actuators that connect to direct digital control systems.
	230923.13	Energy Meters				●					●	●		Thermal and electric power energy meters that connect to direct digital control systems.
	230923.14	Flow Instruments				●					●	●		Airflow and liquid flow sensors, switches and transmitters, and water meters that connect to direct digital control systems.
	230923.16	Gas Instruments				●					●	●		Carbon dioxide, oxygen, a nd VOC gas detection instruments and control devices that connect to direct digital control systems.

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	230923.17	Level Instruments				●					●	●		Liquid level switches, sensors, and transmitters that connect to direct digital control systems.
	230923.18	Leak Detection Instruments				●					●	●		Leak detection switches (point type) and leak detector switches (cable type) that connect to direct digital control systems.
	230923.19	Moisture Instruments				●					●	●		Humidity and moisture sensors and transmitters that connect to direct digital control systems.
	230923.21	Motion Instruments				●					●	●		PIR, ultrasonic, and dual-technology type motion detection instruments that connect to direct digital control systems.
	230923.22	Position Instruments				●					●	●		Limit switches that connect to direct digital control systems.
	230923.23	Pressure Instruments				●					●	●		Air and liquid pressure sensors, switches, and transmitters that connect to direct digital control systems.
	230923.24	Speed Instruments				●					●	●		Speed switches that connect to direct digital control systems.
	230923.27	Temperature Instruments				●					●	●		Air, liquid, and steam temperature sensors, switches, transmitters and thermotats that connect to direct digital control systems.
	230923.33	Vibration Instruments				●					●	●		Vibration switches that connect to direct digital control systems.
	230923.43	Weather Stations				●					●	●		Weather stations that connect to direct digital control systems.
	230993.11	Sequence of Operations for HVAC DDC				●					●	●		Direct digital control sequences for HVAC systems.
	231113	Facility Fuel-Oil Piping	●			●					●	●		Fuel-oil piping, valves, specialties; leak-detection and monitoring systems for No. 2 fuel oil.
U	231123	Facility Natural-Gas Piping	●			●				●	●	●		Natural gas piping and specialties.
U	231126	Facility Liquefied-Petroleum Gas Piping	●			●				●	●	●		LP gas piping, specialties, and storage equipment.
U	231213	Facility Fuel-Oil Pumps				●					●	●		Simplex, duplex, and triplex transfer pumps; submersible storage tank pumps; and fuel-oil maintenance systems.
U	231313	Facility Underground Fuel-Oil Storage Tanks				●					●	●		Steel and FRP UST; accessories; liquid-level gage system; and leak-detection systems.
U	231323	Facility Aboveground Fuel-Oil Storage Tanks				●					●	●		Vertical, horizontal, containment-dike, insulated, and concrete vaulted steel AST.
	232113	Hydronic Piping				●					●	●		Pipes, tubes, and fittings for heating and cooling water piping.
	232113.13	Underground Hydronic Piping				●					●	●		Underground piping outside the building.
	232113.33	Ground-Loop Heat-Pump Piping	●			●				●	●	●		Horizontal and vertical, direct-buried, ground-loop piping.
	232116	Hydronic Piping Specialties				●					●	●		Specialties and special-duty valves for heating and cooling water piping.
U	232123	Hydronic Pumps				●					●	●		Base mounted and in-line; close coupled and separately coupled.
	232213	Steam and Condensate Heating Piping				●					●	●		Pipes, tubes, and fittings for LP and HP steam piping.
	232216	Steam and Condensate Heating Piping Specialties				●					●	●		Specialties and special-duty valves for LP and HP steam piping.
U	232223	Steam Condensate Pumps				●					●	●		Electric driven and pressure powered; single and duplex pumps with receivers.
	232300	Refrigerant Piping				●					●	●		Piping, specialties, and refrigerant.
	232500	HVAC Water Treatment				●					●	●		Auto and manual systems for hydronic systems and steam feedwater systems.
	232513	Water Treatment for Closed-Loop Hydronic Systems				●					●	●		Auto and manual systems for closed-loop hydronic systems.
	232516	Water Treatment for Open-Loop Hydronic Systems				●					●	●		Auto and manual systems for open-loop hydronic systems.

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	232519	Water Treatment for Steam System Feedwater				●					●	●		Auto and manual systems for steam feedwater systems.
U	232523	Water Treatment for Humidification Steam System Feedwater				●					●	●		Automatic systems for humidification steam feedwater systems.
U	232533	HVAC Makeup-Water Filtration Equipment				●					●	●		Water filtration systems for HVAC makeup water systems.
U	233113	Metal Ducts				●					●	●		Rectangular and round, single- and double-wall ducts, including hangers and supports.
U	233116	Nonmetal Ducts				●					●	●		Fibrous-glass, PVC, and FRP ducts, hangers, and supports. Does not include fabric.
U	233119.13	Shop-Fabricated HVAC Casings					●				●	●		Shop-fabricated, single- and double-wall casings used as equipment enclosures and plenums.
U	233119.16	Manufactured HVAC Casings					●				●	●		Factory-fabricated, double-wall casings used as equipment enclosures and plenums.
	233300	Air Duct Accessories				●					●	●		Volume dampers, fire and smoke dampers, vanes, duct silencers, and hardware.
	233346	Flexible Ducts				●					●	●		Non-insulated and insulated flexible ducts and flexible duct connectors.
U	233413	Axial HVAC Fans				●					●	●		Tubeaxial and vaneaxial fans.
U	233416	Centrifugal HVAC Fans				●					●	●		BI & FC indoor type; tubular and in-line units.
U	233423	HVAC Power Ventilators				●					●	●		Roof, wall, and ceiling-mounting ventilators.
	233433.13	Commercial Air Curtains				●					●	●		Commercial air curtain fans over entranceways, with and without heating.
	233433.16	Industrial Air Curtains				●					●	●		Industrial air curtain fans over entranceways, with and without heating.
	233439	High-Volume, Low-Speed Fans				●					●	●		Large diameter, high-volume, low-speed ceiling fans.
	233533	Listed Kitchen Ventilation System Exhaust Ducts				●					●	●		Listed grease ducts.
	233600	Air Terminal Units				●					●	●		Single-duct, dual-duct, fan-powered, induction, and diffuser types.
	233713.13	Air Diffusers				●					●	●		Round, rectangular, perforated, and linear diffusers.
	233713.23	Registers and Grilles				●					●	●		Fixed and adjustable registers and grilles.
	233713.43	Security Registers and Grilles				●					●	●		Security registers and grilles.
	233716	Fabric Air-Distribution Devices				●					●	●		Continuous tubular fabric air diffusers, connectors, and accessories.
	233723	HVAC Gravity Ventilators				●					●	●		Unpowered ventilators and louver penthouses.
	233813	Commercial-Kitchen Hoods				●					●	●		Type I and Type II, Standard and Listed hoods.
U	234100	Particulate Air Filtration				●					●	●		Disposable, extended surface, and roll types.
	234133	High-Efficiency Particulate Air Filtration				●					●	●		High-efficiency particulate air filters, ultralow-penetration air (ULPA) filters, filter frames, and filter gages.
U	234200	Gas-Phase Air Filtration				●					●	●		Gas adsorbent and rechargeable media, trays and housings, frames, and filter gages.
U	234300	Electronic Air Cleaners				●					●	●		Electronic air cleaners, access housings, service frames, and filter gages.
	235113.11	Draft Control Fans				●					●	●		Induced-draft fans.
	235113.16	Vent Dampers				●					●	●		Barometric dampers.

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	235116	Fabricated Breechings and Accessories				●					●	●		Refractory-lined breechings and field-fabricated breechings.
	235123	Gas Vents				●					●	●		Listed double-wall vents.
U	235133	Insulated Sectional Chimneys				●					●	●		Double-wall and refractory-lined chimneys; fabricated chimneys.
U	235213	Electric Boilers				●					●	●		HW and steam; HP and LP.
U	235216	Condensing Boilers				●					●	●		Packaged condensing boilers for small applications.
U	235223	Cast-Iron Boilers				●					●	●		HW and steam; gas and oil fired.
U	235233	Water-Tube Boilers				●					●	●		HW and steam; gas and oil fired.
U	235239	Fire-Tube Boilers				●					●	●		HW and steam; gas and oil fired.
U	235313	Boiler Feedwater Pumps				●					●	●		Condensate and vacuum pumps and receivers.
U	235316	Deaerators				●					●	●		Spray, packed column, and package tray.
U	235413	Electric-Resistance Furnaces				●					●	●		Electric furnaces.
U	235416.13	Gas-Fired Furnaces				●					●	●		Gas-fired furnaces.
U	235416.16	Oil-Fired Furnaces				●					●	●		Oil-fired furnaces.
	235513.16	Gas-Fired Duct Heaters				●					●	●		Natural gas and propane, duct-mounted units.
	235523.13	Low-Intensity, Gas-Fired, Radiant Heaters				●					●	●		Low intensity, gas-fired, indoor and outdoor radiant heaters.
	235523.16	High-Intensity, Gas-Fired, Radiant Heaters				●					●	●		High-intensity, gas-fired, indoor and outdoor radiant heaters and patio heaters.
	235533.13	Oil-Fired Unit Heaters				●					●	●		Fuel-oil unit heaters with propeller and centrifugal fans.
	235533.16	Gas-Fired Unit Heaters				●					●	●		Natural gas and propane unit heaters with propeller and centrifugal fans.
	235613.13	Heating, Flat-Plate, Solar Collectors				●					●	●		Liquid-type, medium-temperature, glazed solar panels.
	235613.19	Heating, Solar, Vacuum-Tube Collectors				●					●	●		Liquid-type, vacuum-tube solar collectors, accessories, and mountings.
U	235700	Heat Exchangers for HVAC				●					●	●		Steam to water and water to water; shell-and-tube and flat-plate types.
U	236200	Packaged Compressor and Condenser Units				●					●	●		Air and water cooled.
U	236313	Air-Cooled Refrigerant Condensers				●					●	●		Remote forced-air, condenser, and fan units.
U	236333	Evaporative Refrigerant Condensers				●					●	●		Induced- and forced-draft evaporative refrigerant condensers.
U	236413.13	Direct-Fired Absorption Water Chillers				●					●	●		Natural-gas, propane, and oil fired; water cooled; two stages; and a brush-cleaning system.
U	236413.16	Indirect-Fired Absorption Water Chillers				●					●	●		Steam and hot-water generated; one and two stage.
U	236416	Centrifugal Water Chillers				●					●	●		Hermetic and open; direct and gear drives; water and air cooled.
U	236423.13	Air-Cooled, Scroll Water Chillers				●					●	●		Packaged, air-cooled, scroll water chillers.
U	236423.16	Water-Cooled, Scroll Water Chillers				●					●	●		Packaged, water-cooled, scroll water chillers.
U	236426.13	Air-Cooled, Rotary-Screw Water Chillers				●					●	●		Packaged, air-cooled indoor and outdoor rotary-screw water chillers.
U	236426.16	Water-Cooled, Rotary-Screw Water Chillers				●					●	●		Water-cooled, single- and multiple-compressor units.
U	236513.13	Open-Circuit, Forced-Draft Cooling Towers				●					●	●		Factory-assembled, open-circuit, forced-draft, towers.
U	236513.16	Closed-Circuit, Forced-Draft Cooling Towers				●					●	●		Factory-assembled, closed-circuit, forced-draft, towers.

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U	236514.13	Open-Circuit, Induced-Draft, Counterflow Cooling Towers				●					●	●		Factory-assembled, open-circuit, induced-draft, counterflow towers.
U	236514.14	Open-Circuit, Induced-Draft, Crossflow Cooling Towers				●					●	●		Factory-assembled, open-circuit, induced-draft, crossflow towers.
U	236514.16	Closed-Circuit, Induced-Draft, Counterflow Cooling Towers				●					●	●		Factory-assembled, closed-circuit, induced-draft, counterflow towers.
U	236514.17	Closed-Circuit, Induced-Draft, Combined-Flow Cooling Towers				●					●	●		Factory-assembled, closed-circuit, induced-draft, combined-flow towers.
U	237213	Heat Wheel Air-To-Air Energy Recovery Units				●					●	●		Rotary heat wheel, sensible-only or total heat transfer heat exchangers.
U	237216	Heat Pipe Air-To-Air Energy Recovery Units				●					●	●		Heat pipe, sensible heat, heat exchangers utilizing passive-refrigerant heat transfer.
U	237219	Fixed Plate Air-To-Air Energy Recovery Units				●					●	●		Fixed plate, sensible and total heat transfer heat exchangers.
U	237223.13	Packaged Indoor Heat Wheel Energy Recovery Units				●					●	●		Heat wheel heat exchangers in packaged, indoor, energy-recovery units.
U	237223.19	Packaged Indoor Fixed Plate Energy Recovery Units				●					●	●		Sensible and total heat, fixed-plate heat exchangers in packaged, indoor, energy-recovery units.
U	237223.23	Packaged, Outdoor, Heat Wheel Energy Recovery Units				●					●	●		Heat wheel in outdoor packaged, sensible heat and total heat, energy-recovery units.
U	237223.29	Packaged, Outdoor, Fixed Plate Energy Recovery Units				●					●	●		Fixed-plate heat exchanger in outdoor packaged, sensible and total heat, energy-recovery units.
U	237313.13	Indoor, Basic Air-Handling Units				●					●	●		Units consisting of fans, coils, dampers, filters, control devices, and accessories.
U	237313.16	Indoor, Semi-Custom Air-Handling Units				●					●	●		Units consisting of fans, coils, dampers, filters, control devices, and accessories.
U	237333.16	Indoor, Indirect, Gas-Fired Heating and Ventilating Units				●					●	●		Indirect, gas-fired H&V units mounted inside the building.
U	237339	Indoor, Direct-Fired Heating and Ventilating Units				●					●	●		Indoor, direct gas-fired H&V units.
U	237343.16	Outdoor, Semi-Custom Air-Handling Units				●					●	●		Units consisting of fans, coils, dampers, filters, control devices, and accessories.
U	237416.11	Packaged, Small-Capacity, Rooftop Air-Conditioning Units				●					●	●		Packaged, air-cooled, rooftop HVAC, 6 tons and smaller.
U	237416.13	Packaged, Large-Capacity, Rooftop Air-Conditioning Units				●					●	●		Packaged, air-cooled, rooftop HVAC 7.5 tons and greater.
U	237423.13	Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units				●					●	●		Outdoor, direct gas-fired H&V units.
U	237423.16	Packaged, Indirect-Fired, Outdoor, Heating-Only Makeup-Air Units				●					●	●		Outdoor, indirect gas-fired H&V units.
U	237433	Dedicated Outdoor-Air Units				●					●	●		Units capable of 100 percent outdoor air with heating and cooling.
	238113.11	Packaged Terminal Air-Conditioners, Through-Wall Units				●					●	●		Through-the-wall; cooling only; heat pump; cooling plus hot-water heating, electric heating, and gas-fired heating.
	238113.12	Packaged Terminal Air-Conditioners, Freestanding Units				●					●	●		Freestanding or through-the-wall; cooling only; heat pump; cooling plus hot-water heating, electric heating, and gas-fired heating.
	238113.13	Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units				●					●	●		Outdoor, wall-mounted; cooling only; heat pump; cooling plus hot -water heating, electric heating, and gas-fired heating.
U	238119	Self-Contained Air-Conditioners				●					●	●		Packaged cooling, heating, filters, and controls; cabinet suitable for exposed installations.

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	238123.11	Small Capacity (6 Tons (21 kW) and Smaller), Computer-Room Air-Conditioners, Floor-Mounted Units				●					●	●		Floor-mounted water and air cooled, air conditioning systems for data centers.
	238123.12	Large Capacity (7 Tons (25 kW) and Larger), Computer-Room Air-Conditioners, Floor-Mounted Units				●					●	●		Floor-mounted water and air cooled, air conditioning systems for data centers.
	238123.13	Computer-Room Air-Conditioners, Ceiling-Mounted Units				●					●	●		Ceiling-mounted water and air cooled, air conditioning systems for data centers.
	238123.14	Computer-Room Air-Conditioners, Console Units				●					●	●		Console water and air cooled, air conditioning systems for data centers.
	238123.18	Computer-Room, Rack-Cooling Equipment				●					●	●		Water and air cooled, pumped-refrigerant, air conditioning systems for data centers.
U	238126	Split-System Air-Conditioners				●					●	●		Air-distribution equipment separate from refrigeration equipment; cabinet suitable for exposed installations.
U	238129	Variable-Refrigerant-Flow HVAC Systems				●					●	●		Variable-refrigerant-flow HVAC systems, components, and operations, including delegated design.
U	238146	Water-Source Unitary Heat Pumps				●					●	●		Concealed horizontal and vertical units.
U	238146.13	Water-To-Air Heat Pumps				●					●	●		Concealed horizontal and vertical units; vertical-stack; and exposed-console units.
	238213	Valance Heating and Cooling Units				●					●	●		Electric and hot water radiant heaters and heating and cooling panels.
	238214	Chilled Beams				●					●	●		Passive and active units.
U	238216.11	Hydronic Air Coils				●					●	●		Hydronic coils not integral to AHUs.
U	238216.12	Steam Air Coils				●					●	●		Steam coils not integral to AHUs.
U	238216.13	Refrigerant Air Coils				●					●	●		Refrigerant coils not integral to AHUs.
	238216.14	Electric-Resistance Air Coils				●					●	●		Electric-resistance coils not integral to AHUs.
	238219	Fan Coil Units				●					●	●		Hot water, steam, and electric heating; chilled or DX cooling.
	238223	Unit Ventilators				●					●	●		Hot water, steam, and electric heating; chilled or DX cooling.
	238229	Radiators				●					●	●		Flat-pipe steel radiators for hot-water, steam, and electric heating systems.
	238233	Convectors				●					●	●		Convectors for hot-water, steam, and electric heating systems.
	238236	Finned-Tube Radiation Heaters				●					●	●		HW, steam, and electric baseboard and finned-tube radiation heaters.
	238239.13	Cabinet Unit Heaters				●					●	●		Cabinet unit heaters with hot-water, steam, and electric-resistance coils.
	238239.16	Propeller Unit Heaters				●					●	●		Propeller unit heaters with hot-water, steam, and electric-resistance coils.
	238239.19	Wall and Ceiling Unit Heaters				●					●	●		Wall and ceiling electric unit heaters.
U	238313	Radiant-Heating Electric Cables				●					●	●		Electric cables for ceilings and floors, snow and ice melting, and freezer-floor frost prevention.
U	238316	Radiant-Heating Hydronic Piping				●					●	●		Embedded pipes, tubes, manifolds, fittings, piping specialties, and controls.
	238323	Radiant-Heating Electric Panels				●					●	●		Factory-fabricated panels.
	238413.16	Wetted-Element Humidifiers				●					●	●		Water-pressure atomizing humidifiers.

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U	238413.19	Atomizing Humidifiers				●					●	●		Water-pressure or compress-air types.
	238413.23	Direct-Steam-Injection Humidifiers				●					●	●		Externally-supplied steam.
U	238413.29	Self-Contained Steam Humidifiers				●					●	●		Electric resistance, electrode cylinder, and gas-fired steam generator humidifiers.
U	238413.36	Heat Exchanger Humidifiers				●					●	●		Steam-to-steam humidifiers.
U	238416.13	Outdoor, Mechanical Dehumidification Units				●					●	●		Outdoor, refrigerant-type mechanical dehumidification equipment.
U	238416.16	Indoor, Mechanical Dehumidification Units				●					●	●		Indoor, refrigerant-type mechanical dehumidification equipment.
DIVISION 26 - ELECTRICAL														
	260513	Medium-Voltage Cables					●				●	●		Cables, splices, terminations, connectors, and fault indicators for 2001 to 35,000 V.
	260519	Low-Voltage Electrical Power Conductors and Cables					●				●	●		Building wires, cables, connectors, splices, and terminations rated 2000 V and less.
	260523	Control-Voltage Electrical Power Cables					●				●	●		Optical-fiber, twisted pair, low-voltage control cabling; and control -circuit conductors.
	260526	Grounding and Bonding for Electrical Systems					●				●	●		Methods and materials for grounding systems and equipment.
U	260529	Hangers and Supports for Electrical Systems					●				●	●		Hangers, supports, and concrete bases.
	260533	Raceways and Boxes for Electrical Systems					●				●	●		Conduit; pull, junction, and outlet boxes; and electrical cabinets.
	260536	Cable Trays for Electrical Systems					●				●	●		Ladder, trough, and single-rail types; steel, aluminum, stainless steel, and fiberglass.
	260539	Underfloor Raceways for Electrical Systems					●				●	●		Ducts, boxes, fittings, and accessories.
	260543	Underground Ducts and Raceways for Electrical Systems	●				●			●	●	●		Manholes, handholes, and underground ducts.
	260544	Sleeves and Sleeve Seals for Electrical Raceways and Cabling					●				●	●		Sleeves and seals for penetrations through floors and walls.
U	260548.16	Seismic Controls for Electrical Systems					●				●	●		Seismic criteria and seismic restraints and supports.
	260553	Identification for Electrical Systems					●				●	●		Labels, markers, tags, ties, tape, bands, and signs.
	260573.13	Short-Circuit Studies					●				●	●		Fault-current and protective device short-circuit studies.
	260573.16	Coordination Studies					●				●	●		Fault-current and protective device coordination studies.
	260573.19	Arc-Flash Hazard Analysis					●				●	●		Fault-current and protective device arc-flash studies.
	260800	Commissioning of Electrical Systems									●		●	Requirements and procedures for commissioning electrical systems.
	260913	Electrical Power Monitoring and Control					●				●	●		Remote and local monitoring, metering, and control of individual circuits.
U	260923	Lighting Control Devices					●				●	●		Time switches, photoelectric relays, occupancy sensors, and multipole lighting controls.
	260933	Central Dimming Controls					●				●	●		Control network and stations, dimmer cabinets, and dimmers.
	260936	Modular Dimming Controls					●				●	●		Wall-box multiscene and multipreset modular dimming controls.
	260943.16	Addressable-Luminaire Lighting Controls					●				●	●		Controls based on digital addressable lighting interface (DALI) technology.
	260943.23	Relay-Based Lighting Controls					●				●	●		Panels using relays for switching; panels networked BAS.

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U	261116.11	Secondary Unit Substations with Switchgear Secondary				●					●	●		Indoor and outdoor units, with metal-clad and metal-enclosed switchgear primary, m-v transformers, metal-clad switchgear secondary sections.
U	261116.12	Secondary Unit Substations with Switchboards Secondary				●					●	●		Indoor and outdoor units; with metal-enclosed switchgearm-v transformers, metal-enclosed switchboard secondary.
U	261116.13	Secondary Unit Substations with Motor Control Center Secondary				●					●	●		Indoor and outdoor units; with m-v transformers, and motor-control center secondary.
U	261213	Liquid-Filled, Medium-Voltage Transformers				●					●	●		MV, substation transformers, with primary and secondary bushings within or without air-terminal enclosures.
U	261216	Dry-Type, Medium-Voltage Transformers				●					●	●		MV transformers with primary and secondary bushings within or without air-terminal enclosures.
U	261219	Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers				●					●	●		Liquid-filled, MV transformers, with primary and secondary bushings within or without air-terminal enclosures.
U	261323	Medium-Voltage, Metal-Enclosed Switchgear				●					●	●		Indoor and outdoor, MV, metal-enclosed switchgear rated more than 1000 V through 38,000 V.
U	261326	Medium-Voltage, Metal-Clad Switchgear				●					●	●		Indoor and outdoor, MV, metal-clad switchgear rated more than 1000 V through 38,000 V.
U	261329	Medium-Voltage, Pad-Mounted Switchgear				●					●	●		Indoor and outdoor, dead front, remotely controlled insulated vacuum load and fault interrupting switchgear rated to 25,000 V.
U	262213	Low-Voltage Distribution Transformers				●					●	●		Single- and three-phase distribution dry-type rated 600 V or less and up to 1500 Kva.
U	262216	Low-Voltage Buck-Boost Transformers				●					●	●		Buck-boost dry-type transformers.
U	262300	Low-Voltage Switchgear				●					●	●		Metal-enclosed, circuit-breaker type; 1000V and less.
U	262313	Paralleling Low-Voltage Switchgear				●					●	●		Low-voltage type, 1000V and less; medium-voltage type, 5 to 15 kV; for multiple generator operation.
U	262413	Switchboards				●					●	●		Service and distribution switchboards, 600 V and less.
U	262416	Panelboards				●					●	●		Distribution, branch circuit, and surge-suppression panel boards and load centers.
	262416.16	Electronically Operated Circuit-Breaker Panelboards				●					●	●		Manual and programmable panelboards with electronically operated circuit breakers using low-voltage or digital control circuits to control equipment.
U	262419	Motor-Control Centers				●					●	●		Full-reduced-voltage; for constant-, variable-, and multiple-speed motors; 600 V.
U	262500	Enclosed Bus Assemblies				●					●	●		Plug in & feeder (600 V or less).
	262713	Electricity Metering				●					●	●		Energy and demand metering by utility and Owner.
	262726	Wiring Devices				●					●	●		Switches, receptacles, lighting-control devices, and plates.
U	262733	Power Distribution Units				●					●	●		Voltage regulators, static electronic voltage regulators, and power distribution units.
U	262743	Electric-Vehicle Service Equipment - AC Level 1 and Level 2				●					●	●		Charging equipment for AC Level 1 and 2.
U	262746	Electric Vehicle Service Equipment - DC Level 1 and Level 2				●					●	●		Charging equipment for DC Level 1 and 2.
	262813	Fuses				●					●	●		Cartridge type (600 V and less); plug type (125 V and less); fuse adapters; spare-fuse cabinet.
	262816	Enclosed Switches and Circuit Breakers				●					●	●		Fusible, nonfusible, receptacle, shunt trip, and molded-case switches; molded-case circuit breakers; enclosures.

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U	262913.03	Manual and Magnetic Motor Controllers					●				●	●		Manual, reduced- and full-voltage start magnetic motor controllers.
U	262913.06	Soft-Start Motor Controllers					●				●	●		Reduced-voltage start motor controllers.
U	262923	Variable-Frequency Motor Controllers					●				●	●		Solid-state, pulse-width modulated, constant- and variable-torque; VFCs; rated 600 V and less.
U	262933	Controllers for Fire-Pump Drivers				●	●				●	●		Full- and limited-service, electric-driver controllers; and diesel-driver controllers.
	263100	Photovoltaic Collectors					●				●	●		Photovoltaic laminates, modules, charge controllers, inverters, and mounting structures.
U	263213.13	Diesel Emergency Engine Generators					●				●	●		Diesel-driven emergency and standby generators.
U	263213.14	Diesel Engine Generators					●				●	●		Diesel-driven non-emergency (prime and industrial) generators.
U	263213.16	Gaseous Emergency Engine Generators					●				●	●		Natural gas and liquified petroleum (LP)-driven emergency and standby generators.
U	263213.17	Gaseous Engine Generators					●				●	●		Natural gas and liquifield petroleum (LP)-driven non-emergency (prime and industrial) engine generators.
U	263213.19	Bi-Fuel Emergency Engine Generators					●				●	●		Diesel start, natural gas powered emergency and standby generators.
U	263213.20	Bi-Fuel Engine Generators					●				●	●		Diesel start, natural gas powered prime and industrial engine generators.
	263223.13	Horizontal-Axis Wind Turbines					●				●	●		Horizontal-axis, small-scale wind turbines.
	263223.16	Vertical-Axis Wind Turbines					●				●	●		Vertical-axis, small-scale wind turbines.
U	263323.11	Central Battery Equipment for Emergency Lighting					●				●	●		Central battery equipment for standby power to emergency lighting circuits.
U	263343	Battery Chargers					●				●	●		Battery chargers used to automatically control and maintain the charge on emergency engine generator start batteries.
U	263353	Static Uninterruptible Power Supply					●				●	●		3-phase, on-line, double conversion units rated 5 to 750 kVA for systems (600 V and less).
	263533	Power Factor Correction Equipment					●				●	●		Capacitors and automatic power-factor correction units for 600 V and less.
U	263600	Transfer Switches					●				●	●		Automatic, nonautomatic, and bypass/isolation.
	264113	Lightning Protection for Structures					●				●	●		Protection for buildings and site components.
	264313	Surge Protection for Low-Voltage Electrical Power Circuits					●				●	●		Field-mounted surge protective devices (SPDs) 1000-V and less.
	265113	Incandescent Interior Lighting					●				●	●		Interior incandescent luminaires and lamps.
	265116	Fluorescent Interior Lighting					●				●	●		Interior fluorescent cove, down, flood, wall, linear and track lighting.
	265119	Led Interior Lighting					●				●	●		Interior chandelier, cove, down, flood, highbay/lowbay/industrial, wall mount, linear, step and track LED lighting systems.
	265123	Hid Interior Lighting					●				●	●		Interior highbay, lowbay and industrial HID fixtures.
	265213	Emergency and Exit Lighting					●				●	●		Emergency lighting, except for combination LED sign/halogen fixtures.
U	265561	Theatrical Lighting					●				●	●		Dimmer racks; control console and devices; distribution components; lighting fixtures.

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U	265613	Lighting Poles and Standards					●		●		●	●		Standards and lowering devices for suspension of lighting fixtures and other accessories.
	265617	Fluorescent Exterior Lighting					●		●		●	●		Exterior fluorescent luminaires, including bollards, boarder, canopy, and decorative post top lighting.
	265619	Led Exterior Lighting					●		●		●	●		Exterior LED luminaires, including bollards, boarder, canopy, and decorative post top lighting.
	265621	Hid Exterior Lighting					●		●		●	●		Exterior HID luminaires, including area and site, bollards, boarder, canopy, decorative post top, and roadway lighting.
U	265668	Exterior Athletic Lighting					●		●		●	●		Outdoor lighting for sports fields.
DIVISION 27 - COMMUNICATIONS														
	270526	Grounding and Bonding for Communications Systems					●				●	●		Grounding for communications systems and equipment; for reliable signal reference.
	270528	Pathways for Communications Systems					●				●	●		Conduits, wireways, surface pathways, boxes and enclosures, and handholes and boxes.
	270529	Hangers and Supports for Communications Systems					●				●	●		Hangers, supports, and concrete bases.
	270536	Cable Trays for Communications Systems					●				●	●		Ladder, trough wire basket, and single-rail type; steel, aluminum, stainless steel, and fiberglass.
	270543	Underground Pathways and Structures for Communication Systems					●				●	●		Ducts, pathways, handholes, manholes, and accessories for OSP and CO-OSP.
	270544	Sleeves and Sleeve Seals for Communications Pathways and Cabling					●				●	●		Sleeves and seals for penetrations through floors and walls.
U	270548.16	Seismic Controls for Communications Systems					●				●	●		Seismic criteria and seismic restraints and supports.
	270553	Identification for Communications Systems					●				●	●		Labels, markers, tags, ties, tape, bands, and signs.
	271100	Communications Equipment Room Fittings					●				●	●		Telecommunications backboards, boxes, and enclosures
	271116	Communications Racks, Frames, and Enclosures					●				●	●		19- and 23-inch wide and OpenRack compliant IT racks.
U	271313	Communications Copper Backbone Cabling					●				●	●		Copper backbone cables, connecting hardware, and cable identification systems.
	271323	Communications Optical Fiber Backbone Cabling					●				●	●		Optical fiber backbone cables, connecting hardware, and cable identification systems.
	271333	Communications Coaxial Backbone Cabling					●				●	●		Coaxial backbone communications cabling and fittings.
	271513	Communications Copper Horizontal Cabling					●				●	●		Copper horizontal cables, connecting hardware, and cable identification systems.
	271523	Communications Optical Fiber Horizontal Cabling					●				●	●		Optical fiber horizontal cables, connecting hardware, and cable identification systems.
	271533	Communications Coaxial Horizontal Cabling					●				●	●		Coaxial horizontal communications cabling and fittings.
	271611	Communications Hybrid Cabling					●				●	●		Combined copper and fiber optic cabling.
U	274133	Master Antenna Television System					●				●			MATV with options for off-air antennas, CATV, or broadcast satellite service.
	275116	Public Address Systems					●				●			Amplifiers, speakers, and microphones.
	275119.11	Sound Masking Systems					●				●			Electronic noise generators, amplifiers, speakers, and controls.
	275123.20	Commercial Intercommunications and Program Systems					●				●			Manually and Microprocessor-switched intercommunications and program systems.

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275123.31	Residential Intercommunications and Access Control Systems					●				●			Manually and microprocessor-switched intercommunications and access control.
275123.50	Educational Intercommunications and Program Systems					●				●	●		Manually and microprocessor-switched systems.
275223	Nurse Call/Code Blue Systems					●				●			Visual/tone; and microprocessor-based, addressable, audiovisual/voice system.
275313	Clock Systems					●				●			Master and secondary clocks and signal devices; interface with intercom and public address systems.
DIVISION 28 - ELECTRONIC SAFETY AND SECURITY													
U 281300	Access Control Software and Database Management					●				●			Computer controlled, with interface to other facility management systems.
U 281500	Access Control Hardware Devices					●				●	●		Push buttons, card readers, and other security hardware.
U 282000	Video Surveillance					●				●	●		Cameras, data transmission wiring, monitors, and control equipment.
U 283100	Intrusion Detection					●				●	●		Detection devices, controls, and alarms.
U 283121	Area and Perimeter Intrusion Detection					●				●	●		Detection devices, controls, and alarms on the site perimeter.
U 284400	Refrigerant Detection and Alarm				●	●				●	●		Monitors, alarms, breathing apparatus, and ventilation equipment interlocks.
U 284621.11	Addressable Fire-Alarm Systems					●				●	●		Systems with addressable initiating devices and conventional or addressable notification appliances.
U 284621.13	Conventional Fire-Alarm Systems				●	●				●	●		Small systems for buildings relying on zoned fire-alarm concept.
U 284700	Mass Notification Systems					●				●	●		Mass notification systems for single buildings, multiple buildings on a small campus, arenas, athletic or entertainment fields, or other local-area facilities.
U 285211	Detention Monitoring and Control Systems					●				●	●		Monitoring and control of doors, gates, and related items for detention facilities.
DIVISION 31 - EARTHWORK													
311000	Site Clearing	●			●	●		●	●	●	●		Clearing, grubbing, vegetation protection, stripping and stockpiling topsoil and rock, and disconnecting utilities.
312000	Earth Moving	●			●	●	●	●	●	●	●		Excavating, filling and backfilling, compacting, and grading.
312319	Dewatering	●			●				●	●	●		Temporary construction dewatering requirements for ground-water control.
313116	Termite Control	●						●		●	●		Chemical soil treatment, borate wood treatment, bait stations, and permanent metal mesh barriers.
315000	Excavation Support and Protection	●					●		●	●	●		Temporary systems; soldier piles and lagging, sheet piling, tiebacks, and bracing.
316213	Concrete Piles	●					●			●	●		Driven precast, prestressed concrete piles.
316216	Steel Piles	●					●			●	●		Driven steel H-section piles.
316219	Timber Piles	●					●			●	●		Driven preservative-treated round timber piles.
316223	Composite Piles	●					●			●	●		Driven concrete-filled steel shell and steel pipe piles.
316316	Auger Cast Grout Piles	●					●			●	●		Piles excavated by auger drilling and filled with grout.
316329	Drilled Concrete Piers and Shafts	●					●			●	●		Dry-installed and slurry-displacement-installed types.

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DIVISION 32 - EXTERIOR IMPROVEMENTS														
U	321216	Asphalt Paving	●			●	●		●	●	●	●		Paving, overlays, surface treatments, asphalt curbs, asphalt traffic-calming devices, cold milling, and hot-mix patching.
U	321223	Imprinted Asphalt	●			●	●		●	●	●	●		Embossing patterns in new or existing asphalt pavement.
	321313	Concrete Paving	●			●	●		●	●	●	●		Concrete curbs and gutters, walks, driveways, parking lots, and miscellaneous paving.
	321316	Decorative Concrete Paving	●						●	●	●	●		Surface-imprinted, stamped, stencil-patterned, or stained finish concrete paving.
	321373	Concrete Paving Joint Sealants	●						●	●	●	●		Sealants for concrete and asphalt pavement joints.
	321400	Unit Paving	●						●	●	●	●		Brick, asphalt, concrete, and stone pavers on aggregate, mortar, and bituminous setting beds.
	321443	Porous Unit Paving	●						●	●	●	●		Concrete, grid-type and interlocking type with openings between units.
U	321713	Parking Bumpers	●			●	●		●	●	●	●		Wheel stops applied to asphalt or concrete pavement.
U	321716	Manufactured Traffic-Calming Devices	●			●	●			●	●	●		Preformed rubber or plastic traffic-calming devices applied to asphalt or concrete pavement.
U	321723	Pavement Markings	●			●	●		●	●	●	●		Painted markings applied to asphalt or concrete pavement.
	321726	Tactile Warning Surfacing	●						●	●	●	●		Detectable warning tiles and mats located in concrete walkways; detectable warning pavers.
	321813	Synthetic Grass Surfacing	●						●		●	●		Synthetic grass surfacing, or artificial turf, intended for use in sports.
	321816.13	Playground Protective Surfacing	●						●		●	●		Impact-attenuating, protective surfacing for use under public playground equipment.
	323113	Chain Link Fences and Gates	●			●	●		●	●	●	●		Standard chain-link fencing systems with swing or horizontal-slide gates and gate operators.
	323113.53	High-Security Chain Link Fences and Gates	●							●	●	●		High-security chain-link fencing systems with swing or horizontal-slide gates and gate operators.
	323116	Welded Wire Fences and Gates	●						●		●	●		Metallic-coated-steel, welded-wire fences and gates.
	323119	Decorative Metal Fences and Gates	●						●		●	●		Manufactured and custom-designed fences and gates made from steel, aluminum, or metallic-coated steel.
	323119.53	Decorative Metal Security Fences and Gates	●						●		●	●		Metallic-coated-steel security fences and gates.
	323223	Segmental Retaining Walls	●					●	●	●	●	●		Dry-laid concrete masonry unit retaining walls.
U	323300	Site Furnishings	●						●		●	●		Seating, tables, bicycle racks and lockers, trash and ash receptacles, planters, and bollards for outdoor locations.
	328400	Planting Irrigation	●			●			●	●	●	●		Heads, pipes, and controls.
	329113	Soil Preparation	●						●	●	●	●		Planting soils specified according to quantities of amendments (compost, lime, sulfur, fertilizer, etc.); layered soil assemblies.
	329115	Soil Preparation (Performance Specification)	●						●	●	●	●		Planting soils specified according to tested performance requirements (particle size, organic matter percentage, pH, CEC, fertility, etc.); layered soil assemblies.
	329200	Turf and Grasses	●						●	●	●	●		Seeded, sodded, plugged, and sprigged turf and meadows; pesticides; erosion-control materials; turf renovation; and grass paving.

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Section No.	Section Title	Architectural			Building Eng.			Sitework		Multidiscipline			Description
		Arch	Hist	Int	Mech	Elec	Str	Lan	SC	Comp	AE	CX	
329300	Plants	●						●	●	●	●		Nursery-grown trees and other plants, pesticides, tree stabilization, tree watering devices, landscape edgings, and tree grates.
329600	Transplanting	●						●	●	●	●		Transplanting non-nursery-grown trees; tree stabilization; watering devices.
DIVISION 33 - UTILITIES													
330500	Common Work Results for Utilities	●			●			●	●	●	●		Basic piping materials and methods.
331113	Potable Water Supply Wells				●	●				●	●		Drilled and driven wells and well pumps.
334200	Stormwater Conveyance				●				●	●	●		Gravity and forced storm piping, underground structures, and specialties.
334600	Subdrainage	●			●			●	●	●	●		Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas.
334713	Pond and Reservoir Liners	●						●	●	●	●		Geomembrane liners and covers.
336313	Underground Steam and Condensate Distribution Piping				●					●	●		Underground piping serving one or more buildings.
337149.13	Overhead Medium-Voltage Wiring					●				●	●		Medium and secondary voltage (up to 35 kV).
337753	Medium-Voltage Utility Reclosers					●				●	●		Overhead, automatic circuit reclosers.

Legend:

Arch = Architecture Library
Hist = Historic Preservation Library
Int = Interiors Library

Mech = Mechanical Library
Elec = Electrical Library
Str = Structural Library

Lan = Landscape Architecture Library
SC = Site Civil Library

Comp = Comprehensive Library
AE = Building A/E Library
CX = Commissioning Library

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