

Section No.	Section Title	Section Description
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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.
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.

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Section No.	Section Title	Section Description
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.
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.
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.

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Section No.	Section Title	Section Description
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.

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.

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.
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 (GFRP)	GFRP 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.
042000	Unit Masonry	CMU, brick, structural-clay facing tile, and stone trim units.

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Section No.	Section Title	Section Description
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.
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.
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.
055813	Column Covers	Spackled-seam and snap-together types, including those intended to be painted and those 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.

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DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

061000	Rough Carpentry	Wood framing, furring, frouds, 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.
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.

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Section No.	Section Title	Section Description
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.
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.

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Section No.	Section Title	Section Description
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.
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	Section Description
080152.61	Wood Window Repairs	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.
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.

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Section No.	Section Title	Section Description
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 stainless-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.
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

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Section No.	Section Title	Section Description
090190.52	Maintenance Repainting	Surface preparation; removing paint; and repainting, staining, and varnishing for redecoration or appearance.
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 ceilings.
092300	Gypsum Plastering	Gypsum plaster on expanded-metal lath, unit masonry, and concrete.
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.

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Section No.	Section Title	Section Description
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.
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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Section No.	Section Title	Section Description
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.
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.

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Section No.	Section Title	Section Description
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

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.

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Section No.	Section Title	Section Description
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.
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.

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Section No.	Section Title	Section Description
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.
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.
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 22 - PLUMBING

U 221113	Facility Water Distribution Piping	Utility service, domestic, and fire-protection water, specialties, and valves.
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.
221313	Facility Sanitary Sewers	Sanitary sewerage and underground structures outside the building.
U 221319	Sanitary Waste Piping Specialties	Backwater and air admittance valves, cleanouts, sanitary assemblies, FOG systems, and sanitary drainage specialties.
U 221323	Sanitary Waste Interceptors	Grease, oil, and sand interceptors for sewerage systems outside the building.
U 221343	Facility Packaged Sewage Pumping Stations	Pump, compressor, tank, and controls.

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Section No.	Section Title	Section Description
U 221353	Facility Septic Tanks	Tank, distribution box, and drainage pipe.
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.
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.

DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)

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.
232113.33	Ground-Loop Heat-Pump Piping	Horizontal and vertical, direct-buried, ground-loop piping.

DIVISION 26 - ELECTRICAL

260543	Underground Ducts and Raceways for Electrical Systems	Manholes, handholes, and underground ducts.
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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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Section No.	Section Title	Section Description
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.
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.

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Section No.	Section Title	Section Description
334600	Subdrainage	Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas.
334713	Pond and Reservoir Liners	Geomembrane liners and covers.

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