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•	•	•	00010	00 01 10	Table of Contents	Project manual contents.
•	•		00105	00 11 16	Invitation to Bid	Private notice for selected bidders.
•	•		00200	00 21 13	Instructions to Bidders	Generic bid submission procedural requirements.
•			00201	00 21 14	Instructions to Bidders - AIA	Bid submission procedural requirements supplementing AIA A701 used with AIA contract forms.
•			00202	00 21 15	Instructions to Bidders - EJCDC	Bid submission procedural requirements with EJCDC contract forms.
•	•		00300	00 31 00	Available Project Information	List of geotechnical, topographic survey, existing conditions survey, and other reports.
	•		00410	00 41 13	Bid Form - Stipulated Sum (Single-Prime Contract)	Generic fixed price bid form used with AIA, EJCDC, or other contract forms.
•			00411	00 41 13	Bid Form - Stipulated Sum (Single-Prime Contract)	Generic fixed price bid form used with AIA, EJCDC, or other contract forms.
•			00412	00 41 43	Bid Form - Unit Price (Single-Prime Contract)	Generic unit price bid form used with AIA, EJCDC, or other contract forms.
•			00430	00 43 00	Procurement Form Supplements	Forms submitted with bid for contractor qualifications, subcontractor list, pricing schedules and other information.
•	•		00501	00 52 14	Agreement Form – AIA Stipulated Sum (Single-Prime Contract)	Sets AIA form as contract agreement.
•	•		00505	00 52 15	Agreement Form – EJCDC Stipulated Sum (Single-Prime Contract)	Sets EJCDC form as contract agreement.
•			00502	00 52 24	Agreement Form – AIA Construction Management (Single-Prime Contract)	Sets AIA construction management form as contract agreement.
•			00701	00 72 14	General Conditions – AIA Stipulated Sum (Single-Prime Contract)	Sets AIA form as general conditions.
•			00705	00 72 15	General Conditions – EJCDC Stipulated Sum (Single-Prime Contract)	Sets EJCDC form as general conditions.
•			00702	00 72 24	General Conditions – AIA Construction Management (Single-Prime Contract)	Sets AIA construction management form as general conditions.
•	•		00811	00 73 13	Supplementary Conditions - AIA	Supplements to AIA standard general conditions.
•	•		00815	00 73 14	Supplementary Conditions - EJCDC	Supplements to EJCDC standard general conditions.
•			00812	00 73 15	Supplementary Conditions - AIA (Construction Management)	Supplements to AIA standard construction management general conditions.
•	•		00910	00 91 13	Addenda	Form for preparing addenda.
	•	•	01001	01 00 00	General Requirements	Single section to specify all General Requirements.
•			01100	01 10 00	Summary	Basic contract description, work by owner, owner furnished products, use of site, future work, work sequence, owner occupancy.
•			01200	01 20 00	Price and Payment Procedures	Allowances, schedule of values, applications for payment, change procedures, defect assessment, unit prices, and alternates.
•			01300	01 30 00	Administrative Requirements	Coordination, field engineering, meetings, electrical characteristics, cutting and patching, special procedures.
•			01323	01 32 16	Construction Progress Schedule	Critical path Method (CPM) schedules, submittals, revisions and distribution.
•			01330	01 33 00	Submittal Procedures	Construction progress schedules, proposed product list, product data, shop drawings, samples, design data, test reports, certificates, instructions, field reports, erection drawings, photographs.
•			01400	01 40 00	Quality Requirements	Tolerances, references, mockups, testing and inspection, manufacturer's field services, examination, preparation.
•			01500	01 50 00	Temporary Facilities and Controls	Temporary utilities, construction facilities, and controls.

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•	•	•	01510	01 57 26	Temporary Indoor Air Quality Controls	Construction indoor air quality management plan, and HVAC air filters, building flush-out and indoor air quality testing.
•			01600	01 60 00	Product Requirements	Product description, delivery, storage, handling, product options, substitutions.
•			01700	01 70 00	Execution and Closeout Requirements	Closeout, final cleaning, starting systems, testing, adjusting, and balancing, operation and maintenance data, demonstrations, record documents, spare parts, warranties, bonds, maintenance service.
•	•	•	01505	01 74 19	Construction Waste Management and Disposal	Recycling and adaptively reusing construction waste.
•	•	•	01351	01 81 13	Sustainable Design Requirements	Project goals, product requirements, and documentation to support LEED certification.
•	•	•	01810	01 91 00	Commissioning	Administrative and procedural requirements for commissioning selected systems.
•	•		02221	02 41 16	Structure Demolition	Demolition and removal of entire buildings or portions of buildings.
•		•	02225	02 41 19	Selective Structure Demolition	Demolition of selective interior and exterior building components for renovations, alterations or additions.
•			16095	02 41 26	Selective Electrical Demolition	Basic methods for demolition and repair of disrupted existing electrical work
•			02990	02 43 00	Structure Moving	Relocation of entire structures or portions of structures. Also includes disconnecting and reconnecting utilities.
•		•	02255	02 57 00	Sinkhole Remediation	Excavating, lacing concrete or grout and backfilling excavations.
•		•	02115	02 65 00	Underground Storage Tank Removal	Removal of underground storage tanks.
•		•	03930	03 01 00	Maintenance of Concrete	Patching and repair of damaged or deteriorated concrete, using cementitious and epoxy repair materials.
•			03100	03 10 00	Concrete Forming and Accessories	Form materials and accessories for cast-in-place concrete.
•			03200	03 20 00	Concrete Reinforcing	Reinforcing steel and supports for cast-in-place concrete.
	•	•	03050	03 30 00	Cast-In-Place Concrete	Cast-in-place concrete, forms, reinforcement, accessories, finishing, and curing.
•			03300	03 30 00	Cast-In-Place Concrete	Cast-in-place for structural building frame, slabs and other concrete components for buildings.
•			03350	03 35 00	Concrete Finishing	Surface finishing of concrete floor slabs and toppings.
•			03360	03 35 23	Exposed Aggregate Concrete Finishing	Exposed architectural finishes on concrete surfaces.
•			03371	03 37 13	Shotcrete	Concrete pneumatically-applied to contoured earth surfaces or prepared forms.
•	•	•	03380	03 38 00	Post-Tensioned Concrete	On-site post-tensioning of cast-in-place concrete structural building framing members and slabs.
•			03390	03 39 00	Concrete Curing	Curing horizontal and vertical concrete surfaces.
•	•	•	03410	03 41 00	Precast Structural Concrete	Plant precast and prestressed concrete members for building structural framing members.
•	•	•	03415	03 41 13	Precast Concrete Hollow Core Planks	Plant precast prestressed concrete structural hollow planks.
•			03450	03 45 00	Precast Architectural Concrete	Plant cast architecturally finished concrete wall panels.
•	•	•	03470	03 47 13	Tilt-Up Concrete	Site cast, load or non-load bearing, precast concrete wall panels, including panel insulation.
•			03490	03 49 00	Glass-Fiber-Reinforced Concrete	Plant cast, architecturally finished glass fiber reinforced concrete wall units.
•			03521	03 52 16	Lightweight Insulating Concrete	Lightweight aggregate insulating concrete fill topping for roof decks.
•	•	•	03540	03 54 00	Cast Underlayment	Liquid applied gypsum or cementitious base, self-leveling underlayment.
•		•	03600	03 60 00	Grouting	Portland cement, epoxy, and non-shrink cementitious grouts.
•		•	04900	04 01 00	Maintenance of Masonry	Restoration of masonry surfaces by water, steam, sand blasting, or chemical cleaning. Also includes replacement of masonry units and repointing of joints.
•	•	•	04065	04 05 03	Masonry Mortaring and Grouting	Mortar and grout for masonry work.
•	•	•	04810	04 20 00	Unit Masonry	Single wythe, veneer, cavity, and engineered masonry construction using concrete masonry units, decorative and pre-faced units, brick, clay tile units, and surface parging.

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•			04815	04 20 13	Single-Wythe Unit Masonry	Single wythe masonry construction using concrete masonry units, decorative and pre-faced units, face brick, clay tile units, and surface parging.
•			04820	04 20 16	Reinforced Unit Masonry	Steel reinforced, structural masonry with grout or concrete filled cores.
•			04813	04 20 19	Veneer Unit Masonry	Masonry exterior or interior veneer walls using decorative and pre-faced masonry units.
•		•	04812	04 23 00	Glass Unit Masonry	Glass block unit masonry, plain and decorative designs, reinforcement, joints, and accessories.
•			04840	04 25 00	Unit Masonry Panels	Shop fabricated masonry panels of face brick veneer structurally attached to steel framing.
•			04811	04 27 23	Cavity Wall Unit Masonry	Double wythe cavity wall masonry construction using decorative and pre-faced concrete masonry units, brick, and clay tile units.
•			04853	04 42 13	Masonry-Supported Stone Cladding	Natural stone, set in mortar, for veneer on exterior and interior walls, anchored to structural backup.
•		•	04852	04 42 16	Steel-Stud-Supported Stone Cladding	Cut stone veneer for exterior and interior walls, attached with metal anchors to structural backup.
•		•	04720	04 72 00	Cast Stone Masonry	Architectural cast stone fabricated to simulate natural cut stone.
•	•	•	05120	05 12 00	Structural Steel Framing	Structural steel framing, anchor bolts, base plates, accessories.
•	•	•	05210	05 21 00	Steel Joist Framing	Open web joists, long span joists, deep long span joists, and joist girders, anchorage and bearing plates.
	•	•	05310	05 31 00	Steel Decking	Structural metal floor and roof deck; cellular or non-cellular, plain or ribbed, types.
•			05311	05 31 13	Steel Floor Decking	Structural metal floor deck; cellular or non-cellular, plain or ribbed types
•			05312	05 31 23	Steel Roof Decking	Structural metal roof deck; non-cellular, acoustic or non-acoustic types.
•	•	•	05400	05 40 00	Cold-Formed Metal Framing	Load bearing steel studs, slotted channels, joists, and purlins, including bracing, fasteners and accessories.
•	•	•	05500	05 50 00	Metal Fabrications	Shop fabricated metal items of steel and aluminum.
•	•	•	05508	05 50 13	Metal Service Platforms	Steel service platforms consisting of grating, ladders and stairs, handrails and railings.
•		•	05510	05 51 00	Metal Stairs	Shop fabricated steel stairs with concrete filled pan, checkered plate, or open grating; pre-engineered or engineer designed, preassembled stair towers; including integral handrails and balusters.
•		•	05520	05 52 00	Metal Railings	Pipe or tube railing system; aluminum or steel materials; custom fabricated or proprietary design.
•			05530	05 53 00	Metal Gratings	Metal and FRP bar gratings and floor plates for pedestrian or light vehicle loads.
•		•	05700	05 70 00	Decorative Metal	Basic metal materials and fabrication for specially designed metal products.
•			05715	05 71 13	Fabricated Metal Spiral Stairs	Production or custom manufactured spiral stairs, with or without vertical center column.
	•		06100	06 10 00	Rough Carpentry	Wood framing and sheathing to form the basic building superstructure, rough blocking and curbing.
•		•	06112	06 10 00	Rough Carpentry	Wood framing and sheathing to form the basic building superstructure, rough blocking and curbing.
•			06114	06 10 53	Miscellaneous Rough Carpentry	Rough wood blocking, curbing, furring and grounds.
•			06131	06 13 00	Heavy Timber	Structural timber wood framing with 5 inches (125 mm) minimum cross sectional dimension.
•			06136	06 13 43	Heavy Timber Trusses	Structural timber truss framing with bolted metal connector plates and split ring connections.
•	•	•	06150	06 15 00	Wood Decking	Structural wood decking of softwood lumber, plywood, or glued laminated lumber.
•	•	•	06176	06 17 33	Wood I-Joists	Shop fabricated structural joists of wood top and bottom chords with plywood or oriented strand board web.
•	•	•	06172	06 17 36	Metal-Web Wood Joists	Shop fabricated structural joists of wood top and bottom chords with tubular metal webs.
•	•	•	06173	06 17 53	Shop-Fabricated Wood Trusses	Shop fabricated wood trusses with wood or steel plate connectors.
•	•	•	06180	06 18 00	Glued-Laminated Construction	Shop fabricated glue laminated structural wood beams, purlins and arches, with steel hardware and brackets.
•	•	•	06200	06 20 00	Finish Carpentry	Finished carpentry and wood work items, interior and exterior locations, usually site fabricated.

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•		•	06410	06 41 00	Architectural Wood Casework	Custom designed casework and countertops of wood, metal, or high pressure decorative laminate veneer, usually shop fabricated and finished.
•			06423	06 42 16	Wood-Veneer Paneling	Shop fabricated and finished, wood veneer paneling with solid wood trim and accessories.
•		•	06620	06 61 16	Solid Surfacing Fabrications	Shop fabricated, custom, cast plastic vanity tops, counter tops, window stools, bath tubs, and shower stalls.
•		•	06610	06 82 00	Glass-Fiber-Reinforced Plastic	Shop fabricated custom fiber reinforced epoxy or polyester resin components.
•		•	07591	07 01 50	Maintenance of Membrane Roofing	Removal of part or all of existing membrane roofing in preparation for replacing the roof membrane system.
•	•	•	07110	07 11 00	Dampproofing	Hot or cold applied asphalt or hot applied coal tar dampproofing, for foundations and masonry cavity walls.
•	•	•	07120	07 12 00	Built-Up Bituminous Waterproofing	Hot or cold applied asphalt or hot applied coal tar waterproofing, with integral fabric reinforcement for foundation walls, buried structures, and concealed horizontal slabs.
•		•	07130	07 13 00	Sheet Waterproofing	Sheet waterproofing membranes of various types used in vertical and horizontal applications.
•		•	07140	07 14 00	Fluid-Applied Waterproofing	Liquid rubber, elastomeric, or other waterproofing compounds, hot or cold applied, used in vertical and horizontal applications.
•		•	07170	07 17 00	Bentonite Waterproofing	Manufactured waterproofing panel containing bentonite clay for below grade vertical and horizontal surfaces.
•		•	07180	07 18 00	Traffic Coatings	Fluid applied elastomeric or composition waterproofing membrane coating, for pedestrian or vehicle traffic.
•			07190	07 19 00	Water Repellents	Penetrating or film-forming water repellent, colored or transparent, water or solvent based, for stucco, masonry, and stone surfaces.
	•	•	07210	07 21 00	Thermal Insulation	Board, batt and blanket insulation; pour grade vermiculite, perlite, granular or beaded polystyrene insulation; blown glass fiber or cellulose fiber insulation and vapor retarders.
•			07212	07 21 13	Board Insulation	Board insulation of plastic foams, cellular glass, and glass fiber.
•			07213	07 21 16	Blanket Insulation	Glass fiber or mineral wool batt insulation in roll or blanket form, faced or unfaced.
•			07214	07 21 19	Foamed-In-Place Insulation	Site applied plastic foam insulation, by spray, frothing, or pouring.
•			07216	07 21 23	Loose-Fill Insulation	Pour grade vermiculite or perlite granular and beaded polystyrene insulation for masonry cores or other hollow wall construction.
•			07217	07 21 26	Blown Insulation	Glass fiber or cellulose fiber insulation, manually or pneumatically placed usually for existing frame walls and roof spaces.
•		•	07218	07 21 29	Sprayed Insulation	Sprayed glass fiber or treated cellulose insulation.
•	•	•	07240	07 24 00	Exterior Insulation and Finish Systems	Composite wall cladding system (EIFS) of rigid board insulation, clad with reinforced plaster finish.
•	•	•	07260	07 26 00	Vapor Retarders	Vapor seal for the building enclosure and gaps between adjacent materials forming wall and roof openings.
•	•	•	07270	07 27 00	Air Barriers	Air seal for the building enclosure and seal between adjacent materials forming wall or roof openings.
•	•	•	07311	07 31 13	Asphalt Shingles	Organic mat or glass fiber felt asphalt composition shingles, mineral granule surfaced, over sloped nailable roof deck surface, with eave (ice dam) protection, flashings, and underlayment.
•	•	•	07313	07 31 29	Wood Shingles and Shakes	Wood shingles and shakes over nailable sloped roof deck surface, with eave (ice dam) protection, flashings, and underlayment.
•	•		07320	07 32 00	Roof Tiles	Clay, concrete, or metal roofing tiles over sloped nailable roof deck, with or without horizontal wood battens, with underlayment, eave (ice dam) protection, and flashings.
•			07468	07 42 13	Metal Wall Panels	Profiled shop painted metal siding, site assembled, insulated, with or without metal backing sheet; horizontal or vertical profile; applied to a structural framing system.
•		•	07430	07 42 43	Composite Wall Panels	Preformed, prefinished metal panel system, usually shop assembled, horizontal or vertical profile, insulated applied to a sub-girt framing system or building structural framing system.

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	•		07460	07 46 00	Siding	Wood, plywood, hardboard, prefinished steel or aluminum, or plastic siding materials formed to a flat board, bevel board, sheet or other profile.
•		•	07469	07 46 23	Wood Siding	Wood siding materials such as flat board, bevel board, plain or resin surfaced plywood, and hardboard.
	•	•	07510	07 51 00	Built-Up Bituminous Roofing	Multiple ply built-up roofing of asphalt or coal tar bitumen and felts.
•			07511	07 51 13	Built-Up Asphalt Roofing	Multiple ply built-up roofing of asphalt bitumen and felts.
•			07515	07 51 16	Built-Up Coal Tar Roofing	Multiple ply built-up roofing of coal tar bitumen and felts.
•		•	07550	07 52 00	Modified Bituminous Membrane Roofing	Single or multiple ply roofing of reinforced composite membrane of modified asphalt bitumen, adhered over an insulation substrate with a protective covering.
•			07556	07 52 19	Self-Adhering Modified Bituminous Membrane Roofing	Single ply rubberized asphalt bitumen factory bonded to polyethylene sheeting, adhered to substrate with a protective covering.
	•	•	07530	07 53 00	Elastomeric Membrane Roofing	Single ply roof membranes of various types, fully adhered, loose laid or mechanically attached, with insulation, ballast cover or colored coating finish.
•			07531	07 53 03	Elastomeric Membrane Roofing - Fully Adhered	Single ply roof membranes of various types, fully bonded to substrate, exposed to view without ballast cover.
•			07532	07 53 04	Elastomeric Membrane Roofing - Loose Laid Ballasted	Single ply roof membranes of various types, loose laid over insulation surfaces, with aggregate or paver ballast cover.
•			07533	07 53 05	Elastomeric Membrane Roofing - Mechanically Attached	Single ply roof membranes of various types, placed over insulation surfaces and mechanically attached, with aggregate or paver ballast cover or colored coating finish.
•	•	•	07512	07 55 51	Built-Up Bituminous Protected Membrane Roofing	Multiple ply built-up roofing of asphalt bitumen and felts, placed directly on a structural deck with loose laid insulation; gravel, paver, or concrete ballast over insulation.
•		•	07555	07 55 52	Modified Bituminous Protected Membrane Roofing	Single or multiple ply roofing of reinforced composite membrane of modified asphalt bitumen, adhered over structural deck, loose laid insulation with gravel, paver, or concrete ballast and filter fabric over insulation
•		•	07535	07 55 53	Elastomeric Protected Membrane Roofing	Single ply roof membranes of various types, over structural deck, loose laid insulation, with gravel, paver, or concrete ballast and filter fabric over.
•			07570	07 57 00	Coated Foamed Roofing	Spray applied foam insulation over a roof deck substrate, covered with a spray applied protective overcoat.
	•		07610	07 61 00	Sheet Metal Roofing	Metal roofing, formed to flat, standing, or battened seams; metal gutters and downspouts and eave (ice dam) protection.
•			07611	07 61 00	Sheet Metal Roofing	Metal roofing formed to flat, standing, or battened seam; with or without ice dam protection.
•		•	07613	07 61 03	Manufactured Sheet Metal Roofing	Factory formed structural and architectural sheet metal roofing and soffits with concealed or exposed fasteners.
•	•	•	07620	07 62 00	Sheet Metal Flashing and Trim	Sheet metal work, gutters and downspouts, flashings, and trim for roofing and waterproofing membranes.
•		•	07710	07 71 00	Roof Specialties	Manufactured copings and facias, gravel stops, roof expansion joints, snow guards, and attic vents, snow guards.
•			07714	07 71 23	Manufactured Gutters and Downspouts	Metal or plastic rainwater gutters and downspouts.
•	•	•	07724	07 72 33	Roof Hatches	Shop fabricated roof hatches and vents, support curb, operating hardware; smoke and heat vents.
•	•	•	07810	07 81 00	Applied Fireproofing	Cementitious and mineral fiber fireproofing, spray applied to achieve fire protection.
•	•	•	07840	07 84 00	Firestopping	Opening protection for penetrations through fire rated construction and smoke seal protection at joint between the edge of a floor slab and adjacent exterior wall construction.
•	•	•	07900	07 90 00	Joint Protection	Gunable and pourable sealants, compressible foam sealers, and gaskets for sealing static and dynamic joints and joints between differing materials and components.
•		•	05810	07 95 00	Expansion Control	Interior floor, wall, and ceiling expansion or control joint cover assemblies.

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	•	•	08110	08 11 13	Hollow Metal Doors and Frames	Standard shop fabricated steel doors, door panels, and frames; fire rated and non-rated types; flush face or stile and rail design.
•	•	•	08151	08 11 15	Pre-Assembled Metal Doors and Frames	Flush, embossed, and decorative steel doors prehung in steel or wood frames, typically used as entry doors.
	•	•	08183	08 11 63	Metal Screen and Storm Doors and Frames	Modular sized, packaged, glazed, aluminum storm doors, frame, and operating hardware.
	•		08152	08 11 83	Metal Closet Doors	Metal closet doors; flush hollow metal and metal framed mirror doors, hinged, bi-folding, and sliding types, full and half louvered; including tracks and operating hardware.
•			08115	08 12 14	Standard Steel Frames	Standard shop fabricated steel frames, fire rated and non-rated types.
•			08112	08 12 15	Custom Steel Frames	Custom shop fabricated steel frames, fire rated and non-rated types.
•			08114	08 13 14	Standard Steel Doors	Standard shop fabricated steel doors, door panels, fire rated and non-rated types, flush face or stile and rail designs.
•			08111	08 13 15	Custom Steel Doors	Custom shop fabricated steel doors, door panels, fire rated and non-rated types, flush face or stile and rail designs.
	•		08210	08 14 00	Wood Doors	Solid and hollow core wood doors, fire rated, non-rated, and acoustical types; flush or glazed design; wood veneer and plastic laminate facing; factory finished or site finished.
•		•	08212	08 14 16	Flush Wood Doors	Solid and hollow core flush wood doors; wood veneer, plastic laminate or hardboard facing material; fire rated and non-rated types; flush or glazed design; with or without louvers.
•		•	08216	08 14 33	Stile and Rail Wood Doors	Stile and rail wood doors, fire rated and non-rated types; wood panel or glazed design.
	•	•	08252	08 14 63	Wood Closet Doors	Wood closet doors; flush hollow and solid core wood, full and half louvered, hinged and bi-folding types; including tracks and operating hardware.
•		•	08310	08 31 13	Access Doors and Frames	Metal access doors and panels, with frames for walls, ceilings and floors, single thickness or double thickness insulated; with and without fire resistance ratings.
•			08160	08 32 13	Sliding Aluminum-Framed Glass Doors	Sliding glass and aluminum doors.
•			08261	08 32 16	Sliding Plastic-Framed Glass Doors	Sliding glass and extruded plastic (PVC) doors.
•			08262	08 32 19	Sliding Wood-Framed Glass Doors	Sliding glass and wood doors, plastic or aluminum clad.
•		•	08333	08 33 23	Overhead Coiling Doors	Horizontal steel or aluminum interlocking slat, rolling or coiling doors and shutters, manual or electrical operation, fire rated or non-rated
•		•	08334	08 33 26	Overhead Coiling Grilles	Rolling or coiling grilles, manual or electric operation, single or multiple sections of horizontal steel, aluminum or stainless steel members.
•			08351	08 35 13	Folding Doors	Accordion folding doors, acoustic or non-acoustic type, with vinyl coated fabric finish; manual operation, with overhead track and hardware.
•	•	•	08360	08 36 13	Sectional Doors	Wood, steel, or aluminum overhead sectional doors, manual or electric operation, and hardware.
•	•	•	08410	08 41 13	Aluminum-Framed Entrances and Storefronts	Aluminum-framed storefronts, entry doors, door frames and glazed lights for exterior and interior applications.
•		•	08450	08 42 26	All-Glass Entrances	Structural glass doors and sidelights for exterior and interior applications.
•		•	08460	08 42 29	Automatic Entrances	Electrically powered horizontally sliding or swinging automatic entrance door systems, with electromechanical, pneumatic, or hydraulic operating equipment.
•		•	08470	08 42 33	Revolving Door Entrances	Revolving door unit of glass and metal construction, manual or motor assisted operation, and collapsing door wings for emergency egress.
•		•	08911	08 44 13	Glazed Aluminum Curtain Walls	Tubular aluminum exterior curtain wall system for multi-story cladding; site assembled or shop fabricated subassemblies; factory finished, vision glass, infill panels, louvers, and glazing.

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•			08970	08 44 26	Structural Glass Curtain Walls	Interior aluminum frame supporting an exterior glazed wall, site assembled or shop fabricated subassemblies.
•			08971	08 44 29	Suspended Structural Glass Assemblies	This section includes a suspended tempered glass, single pane wall system, shop fabricated, including perimeter glazing frame, anchors, and glass joint plates.
•			08960	08 44 33	Sloped Glazing Assemblies	Exterior glazing in aluminum extruded sections, self supporting or supported by structural framing, shop fabricated, factory finished, vision glass or plastic glazing, single or double pane.
•		•	08950	08 45 00	Translucent Wall and Roof Assemblies	Factory assembled panels of translucent skins bonded to aluminum grid core, or extruded translucent plastic cellular panels, for vertical or sloped applications.
	•		08505	08 51 00	Metal Windows	Sheet steel or aluminum windows and sliding patio doors and frames, fixed or operable sash, with screens and hardware.
•		•	08520	08 51 13	Aluminum Windows	Extruded aluminum windows, fixed or operable sash, with screens and hardware.
•			08511	08 51 26	Rolled Steel Windows	Hot rolled steel sash, primed or factory finished, fixed or operable sash, with screens and hardware.
•			08512	08 51 29	Sheet Steel Windows	Sheet metal steel windows, fixed or operable sash, with screens and hardware.
•	•	•	08550	08 52 00	Wood Windows	Wood windows, site finished or plastic or metal clad finished; fixed or operable sash, with screens and hardware.
•	•	•	08560	08 53 00	Plastic Windows	Extruded plastic (PVC) windows; fixed or operable sash, with screens and hardware.
•	•	•	08620	08 62 00	Unit Skylights	Factory fabricated skylights with plastic dome and aluminum frame with or without support curb and counterflashings.
•		•	08630	08 63 00	Metal-Framed Skylights	Site assembled metal-framed skylight systems with glass or plastic glazing.
•	•	•	08710	08 71 00	Door Hardware	Door hardware, gasketing, and thresholds, written as a preamble to a detailed schedule.
•	•	•	08800	08 80 00	Glazing	Various glass and plastic glazing types with various exterior and interior glazing materials and methods; shop or site installed.
•			08830	08 83 00	Mirrors	Custom glass and plastic mirror types, various attachment and glazing methods, site installed.
•	•	•	10210	08 91 00	Louvers	Fixed and operable blade wall louvers and frame; blank out sheeting.
•	•	•	09260	09 21 16	Gypsum Board Assemblies	Metal channel and stud framing, with paper or vinyl faced gypsum board; for walls, ceilings, soffits, and furred space enclosures, and shaftwall systems; includes taped joint or batten joint closures.
•			09205	09 22 03	Plaster Furring and Lathing	Metal furring, framing, and lathing, for gypsum or cement plaster finish.
•			09111	09 22 16	Non-Structural Metal Framing	Lightweight, non-axial load bearing metal stud framing and bracing.
•		•	09210	09 23 00	Gypsum Plastering	Gypsum plaster for interior finish; two coat application over solid surfaces, or a three coat application over metal lath.
•	•	•	09220	09 24 00	Portland Cement Plastering	Portland cement plaster for an interior or exterior finish; two coat application over solid surfaces; or a three coat application over metal lath. Sometimes referred to as stucco.
•		•	09215	09 26 13	Gypsum Veneer Plastering	Interior gypsum veneer plaster in one or two coats applied to various substrates and over electric radiant heating cable.
•	•	•	09290	09 27 13	Glass-Fiber-Reinforced Plaster Fabrications	Glass fiber reinforced gypsum fabrications.
•	•	•	09300	09 30 00	Tiling	Ceramic, quarry, and paver tile for floor, wall, base, and stair tread applications.
•	•	•	09510	09 51 13	Acoustical Panel Ceilings	Acoustic ceiling systems, consisting of suspension system, metal grid, and acoustic tile or panels, fire or non-fire rated.
•		•	09512	09 51 23	Acoustical Tile Ceilings	Acoustic tile ceiling finish, adhesive applied to substrate surface.

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•			09548	09 54 16	Luminous Ceilings	Luminous ceilings comprised of a translucent finished ceiling element suspended below an illuminated ceiling cavity.
•			09546	09 54 23	Linear Metal Ceilings	Suspended, pre-finished ceiling or soffit system; of formed steel or aluminum.
•			09547	09 58 00	Integrated Ceiling Assemblies	Integrated ceiling system, flat or vaulted acoustic panels, integral light fixtures, air handling devices, accommodation for fire sprinkler heads, audio speakers and perimeter trim.
•			09635	09 63 13	Brick Flooring	Decorative fired brick flooring; set in Portland cement bedding mortar with Portland cement or chemical-resistant grout jointing
•		•	09632	09 63 40	Stone Flooring	Thin stone floor units bases, thresholds, stair treads and risers, set in bedding mortar or thinset with mortar jointing.
	•	•	09640	09 64 00	Wood Flooring	Hardwood strip, plank, and parquet flooring; glued to concrete or wood sub-floor or nailed to substrate surface or to sleepers.
•			09642	09 64 13	Wood Flooring - Nailed	Hardwood strip or plank flooring nailed to the substrate or sleepers and secondary subflooring for additional support.
•			09643	09 64 14	Wood Flooring - Adhesive Applied	Hardwood strip, plank, and parquet flooring, glued to substrate surface.
•	•	•	09650	09 65 00	Resilient Flooring	Vinyl, vinyl composition, rubber, and composite materials for sheet and tile flooring, perimeter bases, stair treads and risers.
•			09410	09 66 13	Portland Cement Terrazzo Flooring	Portland cement terrazzo flooring, base, border and curbs with monolithic underbed, sand cushion underbed, and bonded terrazzo application methods.
•		•	09440	09 66 23	Resinous Matrix Terrazzo Flooring	Terrazzo composed of epoxy, polyacrylate/portland cement, or polyester matrix for flooring, base, and border; bonded to subfloor.
•		•	09670	09 67 00	Fluid-Applied Flooring	Fluid-applied flooring of any type, except plastic matrix terrazzo.
•			09672	09 67 13	Elastomeric Liquid Flooring	Resilient, fluid applied, polyurethane elastomeric, self leveling flooring of various thicknesses.
	•	•	09680	09 68 00	Carpeting	Carpet tile, carpet stretched-in, with separate cushion, and carpet direct-glued to floor, with trim accessories.
•			09685	09 68 13	Tile Carpeting	Carpet tile, fully adhered to substrate or loose laid with edges and selected rows adhered.
•			09686	09 68 16	Sheet Carpeting	Carpet laid on cushion, power stretched, with trim accessories and carpet adhered to subfloor with contact adhesive, with trim accessories.
•			10270	09 69 00	Access Flooring	Access flooring, elevated above a structural floor with removable floor panels.
•	•	•	09720	09 72 00	Wall Coverings	Vinyl coated fabric wall covering, adhesive bonded to substrate, includes prime painting.
•	•	•	09842	09 77 13	Stretched-Fabric Wall Systems	Stretched fabric acoustic panels site fabricated with track, core and fabric face.
•	•	•	09900	09 90 00	Painting and Coating	Preparing, priming, painting, staining, and applying finishes to scheduled surfaces, including mechanical, electrical, and equipment finishing.
•			09940	09 94 00	Decorative Finishing	Spray-applied or trowel-applied decorative aggregate surfacing; set into an epoxy or cementitious matrix bed.
•			09960	09 96 00	High-Performance Coatings	Fluid applied coatings intended for applications requiring better scrubability and durability than normal, increased chemical resistance, or increased protection from corrosion.
•		•	09966	09 97 14	Steel Water Storage Tank Painting	Preparing, priming, and painting of steel elevated water storage tank for potable water use.
•		•	09965	09 97 24	Concrete Water Storage Tank Painting	Preparing and painting of concrete water storage tanks for potable water use.
	•	•	10005	10 00 00	Specialties	Miscellaneous manufactured specialties including chalkboards, tackboards and portable fire extinguishers.
•			10100	10 11 00	Visual Display Surfaces	Chalkboards, markerboards, and tackboards; framed or frameless type; with accessories.

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•			10440	10 14 00	Signage	Plastic plaque door or wall signs with engraved or raised characters; sign of individual mounted plastic characters; signs of silk screened or sand blasted characters on plastic.
	•	•	10155	10 21 13	Toilet Compartments	Baked enamel and plastic laminate toilet compartments and accessories; floor, wall, or ceiling mounted.
•			10160	10 21 13	Metal Toilet Compartments	Shop-fabricated steel sandwich panel construction toilet compartments and accessories; floor, wall, and ceiling mounted; with baked enamel, porcelain enamel, and stainless steel finishes.
•			10165	10 21 14	Plastic-Laminate-Clad Toilet Compartments	Shop-fabricated plastic laminate clad toilet compartments and accessories; floor, wall, and ceiling mounted.
•			10170	10 21 15	Plastic Toilet Compartments	Shop-fabricated solid plastic toilet compartments and accessories; floor, wall, and ceiling mounted.
•			10191	10 21 23	Cubicles	Curtains and overhead track used for privacy screening in medical facilities.
•		•	10605	10 22 13	Wire Mesh Partitions	Woven or expanded metal wire mesh partitions; steel or aluminum frame; hinged doors or access panel; operating hardware, and accessories.
•			10616	10 22 19	Demountable Partitions	Demountable interior gypsum board partitions, reusable components, modular sized framing, framed openings; concealed or exposed jointing methods.
•		•	10651	10 22 27	Operable Panel Partitions	Operable panel partitions of various types, floor to ceiling acoustic type.
•		•	10655	10 22 28	Operable Accordion Partitions	Accordion folding partitions, acoustic or non-acoustic type, with vinyl coated fabric finish; manual and electric operation, with overhead track and hardware.
•		•	10260	10 26 00	Wall and Door Protection	Manufactured wall and corner guard devices used to protect interior wall surfaces and corners.
•	•	•	10800	10 28 00	Toilet, Bath, and Laundry Accessories	This section is intended to cover any type of toilet, bath, shower, washroom and utility room accessories.
•	•	•	10305	10 31 00	Manufactured Fireplaces	Manufactured steel cabinet fireplaces with chimney, optional doors or face screen, and accessories.
•		•	10523	10 44 00	Fire Protection Specialties	Fire extinguishers, cabinets, mounting hardware, and fire blankets.
•	•	•	10500	10 51 13	Metal Lockers	Metal wardrobe lockers, shop fabricated, with locker benches and accessories.
•		•	10552	10 55 13	Central Mail Delivery Boxes	Multiple mail boxes often used in office, apartment, and multiple tenant buildings.
•			10551	10 55 91	Mail Chutes	Vertical mail chutes for multi-story buildings, including receiving box at chute bottom.
•			10536	10 73 13	Awnings	Fixed awnings of special or custom shape, plastic and synthetic fabric covering over a formed pipe or tube framing system.
•		•	10350	10 75 00	Flagpoles	Metal and glass fiber flagpoles, primed for site painting or prefinished, ground or building mounted, with manual or electric operation.
	•	•	11005	11 00 00	Equipment	Miscellaneous fabricated equipment including dock bumpers and levelers.
•		•	11150	11 12 00	Parking Control Equipment	Parking gate arm and activator units, devices for ticket, card, coin, or remote controlled access, and vehicle detection activators.
	•		11160	11 13 00	Loading Dock Equipment	Manual and hydraulic loading dock levelers and bumpers.
•			11165	11 13 13	Loading Dock Bumpers	Reinforced molded rubber bumpers or fabric reinforced laminated rubber bumpers for loading docks, with steel frame, steel rod joiners and anchor bolts.
•			11164	11 13 16	Loading Dock Seals and Shelters	Loading dock seals and shelters for vehicular truck traffic.
•			11161	11 13 19	Stationary Loading Dock Equipment	Loading dock levelers, manual, hydraulic or spring/torsion operation; mechanical restraint safety vehicle locks.
	•	•	11450	11 31 00	Residential Appliances	Residential equipment such as refrigerator, range, microwave oven, dishwasher, food disposal, waste compactor, washer and dryer.
•			11400	11 40 00	Foodservice Equipment	Outline of specification statements supplementing a food service equipment list or schedule.
•		•	11132	11 52 13	Projection Screens	Electrically and manually operated projection screens.

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•			11600	11 53 00	Laboratory Equipment	General requirements to precede a detailed laboratory equipment schedule.
•	•	•	11481	11 66 24	Basketball Backstops	Indoor and outdoor basketball backstops including masts, backboards, goals and nets.
•			11172	11 82 26	Waste Compactors and Destructors	Commercial waste compactors.
	•		12005	12 00 00	Furnishings	Miscellaneous building furnishings and furniture, including drapery track.
	•	•	12492	12 20 00	Window Treatments	Interior horizontal slat window blinds, of steel, aluminum, or wood, and roll-up shades.
•			12493	12 21 13	Horizontal Louver Blinds	Interior horizontal slat window blinds, of steel, aluminum, or wood; with lifting cord and cord or wand for tilting slats.
•			12494	12 22 16	Drapery Track and Accessories	Drapery track, manual or electric operated; formed steel or extruded aluminum channel, single or double track; end and intermediate supports and nylon carriers.
•		•	12310	12 31 00	Manufactured Metal Casework	Shop fabricated metal casework, usually modular dimension, including a common range of counter top types and laboratory service fittings.
•	•	•	12355	12 35 30	Residential Casework	Shop fabricated and modular sized residential quality casework, of proprietary manufacture, site installed.
•		•	12486	12 48 13	Entrance Floor Mats and Frames	Surface or recessed entry floor mats, carpet, vinyl link, rubber link, or cocoa types; with or without custom design inlay.
•	•	•	13150	13 11 00	Swimming Pools	Site fabricated shotcrete swimming pool and shop fabricated, site assembled swimming pool and pool accessories.
•	•	•	13171	13 17 13	Hot Tubs	Shop fabricated and site assembled or site constructed hot tub or spa, decking, and equipment.
•			13038	13 21 26	Cold Storage Rooms	Shop fabricated and site assembled, modular sized insulated panels for cold room walls and ceilings including an integral or remote refrigeration unit.
•	•	•	13032	13 24 16	Saunas	Shop fabricated site assembled or site constructed sauna room enclosure and equipment.
•			13042	13 24 26	Steam Baths	Shop fabricated site assembled or site constructed steam room enclosure and equipment.
•			13121	13 34 19	Metal Building Systems	Standard package pre-engineered steel building frame, metal wall and sloped roof system.
•			13090	13 49 00	Radiation Protection	X-ray radiation protection achieved by lead sheet and lead sheet laminated products including view windows and film transfer cabinets.
•			14100	14 10 00	Dumbwaiters	Standard manufactured electrically operated dumbwaiters, drum or traction drive.
•			14220	14 21 13	Electric Traction Freight Elevators	Electric freight elevator systems, with one or multiple cars, including common available options.
•	•	•	14215	14 21 23	Electric Traction Passenger Elevators	Electric passenger elevator systems, with one or multiple cars, including common available options.
•			14250	14 24 13	Hydraulic Freight Elevators	Hydraulic freight elevator systems, with one or multiple cars, including common available options.
•	•	•	14245	14 24 23	Hydraulic Passenger Elevators	Hydraulic passenger elevator systems, with one or multiple cars, including common available options.
•			14310	14 31 00	Escalators	Standard packaged escalators, with glass or solid balustrades, including common available options.
•	•	•	14420	14 42 00	Wheelchair Lifts	Electrically operated vertical platform, wheelchair lifts.
		•	13900	21 00 00	Fire Suppression	Pipe materials, fittings, valves, equipment for wet-pipe sprinkler system, wet or dry standpipe, fire department connections.
	•		13900	21 05 00	Common Work Results for Fire Suppression	Pipe materials, fittings, valves, equipment for wet-pipe sprinkler system, wet or dry standpipe, fire hose cabinet and hose, fire department connections for building fire protection systems, and fire pumps.
•			13910	21 05 00	Common Work Results for Fire Suppression	Pipe materials, fittings, valves and hangers for liquid fire protection systems referenced by other fire protection sections.
•			16225	21 05 13	Common Motor Requirements for Fire-Suppression Equipment	Electric motors and their accessories normally supplied as part of equipment assemblies.

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•			15125	21 05 16	Expansion Fittings and Loops for Fire-Suppression Piping	Fittings and practices used to compensate for thermal expansion and other movements in fire suppression piping systems.
•			15070	21 05 48	Vibration and Seismic Controls for Fire-Suppression Piping and Equipment	Inertia bases and vibration isolation equipment used for vibration and seismic control of fire suppression equipment.
•			13975	21 12 00	Fire-Suppression Standpipes	Standpipe, fire department connections, piping and other components including fire hose connections and cabinets.
•			13930	21 13 13	Wet-Pipe Sprinkler Systems	Automatic wet pipe fire-protection sprinkler system.
•			13935	21 13 16	Dry-Pipe Sprinkler Systems	Automatic dry pipe fire-protection sprinkler system.
•			13950	21 13 26	Deluge Fire-Suppression Sprinkler Systems	Automatic deluge fire-protection sprinkler system.
•		•	13920	21 30 00	Fire Pumps	Fire pumps, electric motors or diesel engines, and jockey pumps and related controls.
	•	•	15050	22 05 00	Common Work Results for Plumbing	Products common to more than one section of the Plumbing Division.
•			15105	22 05 03	Pipes and Tubes for Plumbing Piping and Equipment	Pipe materials and fittings normally encountered in plumbing piping systems and common to more than one section in this Division.
•			16226	22 05 13	Common Motor Requirements for Plumbing Equipment	Electric motors and their accessories normally supplied as part of equipment assemblies.
•			15126	22 05 16	Expansion Fittings and Loops for Plumbing Piping	Fittings and practices used to compensate for thermal expansion and other movements in plumbing piping systems.
•			15110	22 05 23	General-Duty Valves for Plumbing Piping	Ball, butterfly, check, gate, and globe valves used in plumbing piping systems.
•			15060	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	Supports, hangers, anchors, sleeves and sealing of work to adjacent construction for plumbing systems
•			15071	22 05 48	Vibration and Seismic Controls for Plumbing Piping and Equipment	Inertia bases and vibration isolation equipment used for vibration and seismic control of plumbing equipment.
•			15075	22 05 53	Identification for Plumbing Piping and Equipment	Nameplates, labeling, and identification methods for plumbing equipment and components.
•	•	•	15080	22 07 00	Plumbing Insulation	Insulation applied to plumbing equipment and piping systems.
	•	•	15100	22 10 00	Plumbing Piping and Pumps	Pipe materials, fittings, valves, specialties, equipment and cleaning for heating, chilled and condenser water systems, refrigerant piping systems.
•			15140	22 11 00	Facility Water Distribution	Domestic water piping systems with pipe, valves, piping specialties, pumps and other components.
•			15450	22 12 00	Facility Potable-Water Storage Tanks	Potable water storage tanks for hot, cold domestic water.
•			15150	22 13 00	Facility Sanitary Sewerage	Pipe materials, fittings, equipment and pumps for sanitary piping systems.
•			15160	22 14 00	Facility Storm Drainage	Pipe, pipe fittings, connections, equipment and pumps for storm water piping systems.
•			11313	22 14 29	Sump Pumps	Sump pumps for installation in sumps to pump effluent or drain water from structures and facilities.
•	•	•	15214	22 15 00	General Service Compressed-Air Systems	Compressed air systems for plant or process applications.
	•	•	15400	22 30 00	Plumbing Equipment	Water heaters, heat exchangers, and storage tanks for plumbing systems.
•			15460	22 31 00	Domestic Water Softeners	Water softeners.
•			15480	22 33 00	Electric Domestic Water Heaters	Electric water heaters for domestic water systems.
•			15481	22 34 00	Fuel-Fired Domestic Water Heaters	Fuel fired water heaters for domestic water systems.
•			15482	22 35 00	Domestic Water Heat Exchangers	Heat exchangers for domestic water systems.
		•	15480	22 36 00	Domestic Water Heaters	Electric, gas, and oil water heaters, packaged water heating systems, domestic water heat exchangers.
	•	•	15401	22 40 00	Plumbing Fixtures	Plumbing fixtures and trim.
•			15410	22 40 00	Plumbing Fixtures	Plumbing fixtures and trim.

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•			15175	22 51 00	Swimming Pool Plumbing Systems	Piping and equipment for swimming pools.
•	•	•	15212	22 60 13	Medical Gas and Vacuum Systems	Common systems including pipe and pipe fittings, specialties, outlets, and equipment.
	•	•	15051	23 05 00	Common Work Results for HVAC	Products common to more than one section of the HVAC Division.
•			15106	23 05 03	Pipes and Tubes for HVAC Piping and Equipment	Pipe materials and fittings normally encountered in HVAC piping systems and common to more than one section in this Division.
•			16227	23 05 13	Common Motor Requirements for HVAC Equipment	Electric motors and their accessories normally supplied as part of equipment assemblies.
•			15127	23 05 16	Expansion Fittings and Loops for HVAC Piping	Fittings and practices used to compensate for thermal expansion and other movements in piping systems for HVAC piping systems such as hot water, chilled water, steam, and refrigerant systems.
•			15111	23 05 23	General-Duty Valves for HVAC Piping	Ball, butterfly, check, gate, and globe valves used in HVAC piping systems.
•			15061	23 05 29	Hangers and Supports for HVAC Piping and Equipment	Supports, hangers, anchors, sleeves and sealing of work to adjacent construction for HVAC systems.
•			15072	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	Inertia bases and vibration isolation equipment used for attenuation of air-borne sound of HVAC equipment including duct silencers, cross-talk silencers, acoustic housings, ductwork lagging, acoustical louvers.
•			15076	23 05 53	Identification for HVAC Piping and Equipment	Nameplates, labeling, and identification methods for HVAC equipment and components.
•	•	•	15950	23 05 93	Testing, Adjusting, and Balancing for HVAC	Testing, adjusting, and balancing of heating, ventilating, and air conditioning systems.
•	•	•	15081	23 07 00	HVAC Insulation	Insulation applied to HVAC ductwork, equipment and piping systems.
•	•	•	15992	23 08 00	Commissioning of HVAC	Responsibilities and tasks for HVAC system commissioning.
	•	•	15900	23 09 00	Instrumentation and Control for HVAC	Components and input and output devices for pneumatic, digital, and electric control systems, software description for digital control systems, and sequence of operation for mechanical systems.
•			15905	23 09 00	Instrumentation and Control for HVAC	Input and output devices for pneumatic, digital, and electric control systems.
•		•	15910	23 09 23	Direct-Digital Control System for HVAC	Components and software for a direct digital control system.
•			15920	23 09 53	Pneumatic and Electric Control System for HVAC	Equipment and devices for a pneumatic control system.
•			15940	23 09 93	Sequence of Operations for HVAC Controls	Sequence of operation for mechanical systems and system components.
		•	15190	23 10 00	Facility Fuel Systems	Pipe materials, fittings, valves, specialties, pumps, tanks, and leak detection systems normally encountered in fuel piping systems.
	•		15190	23 11 00	Facility Fuel Piping	Pipe materials, fittings, valves, and specialties normally encountered in fuel piping systems.
•			15191	23 11 13	Facility Fuel-Oil Piping	Pipe materials, fittings, valves, and piping specialties normally encountered in fuel oil piping systems.
•			15195	23 11 23	Facility Natural-Gas Piping	Pipe materials, fittings, valves, and piping specialties normally encountered in natural gas piping systems.
•			15196	23 11 26	Facility Liquid-Petroleum Gas Piping	Pipe materials, fittings, valves, and piping specialties normally encountered in liquid petroleum gas piping systems.
•			15192	23 12 13	Facility Fuel-Oil Pumps	Pumps normally encountered in fuel oil piping systems.
•			15193	23 13 00	Facility Fuel-Storage Tanks	Underground tanks, aboveground tanks, and leak detection system normally encountered in fuel oil systems.
	•	•	15180	23 20 00	HVAC Piping and Pumps	Pipe materials, fittings, valves, pumps, and chemical treatment for hydronic, steam and steam condensate piping systems.
•			15180	23 21 13	Hydronic Piping	Pipe materials, fittings, and valves normally encountered in HVAC hydronic piping systems used for heating, cooling, glycol, chilled water, and condenser water within buildings.
•			15120	23 21 16	Hydronic Piping Specialties	Piping specialties associated with hydronic piping systems.
•			15130	23 21 23	Hydronic Pumps	Centrifugal pumps and related accessories normally used in hydronic systems.

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•			15181	23 22 13	Steam and Condensate Heating Piping	Pipe materials, fittings, and valves normally encountered in steam and steam condensate piping systems used within buildings.
•			15121	23 22 16	Steam and Condensate Piping Specialties	Piping specialties associated with steam and steam condensate piping systems.
•			15131	23 22 23	Steam Condensate Pumps	Condensate and boiler feed pumps normally used in steam and steam condensate return systems.
•			15184	23 23 00	Refrigerant Piping	Pipe materials, fittings, valves, and piping specialties normally encountered in refrigerant piping systems used for air conditioning systems within buildings.
•			15182	23 24 16	Internal-Combustion Engine Exhaust Piping	Pipe materials, fittings, and valves normally encountered in engine exhaust piping systems.
•			15185	23 25 00	HVAC Water Treatment	Equipment and materials for cleaning and treating HVAC, hydronic and steam systems.
	•	•	15800	23 30 00	HVAC Air Distribution	Air filters and air cleaning devices, ductwork, duct accessories, fans, constant and variable air volume terminal units, diffusers, registers, grilles, louvers, and roof hoods.
•			15810	23 31 00	HVAC Ducts and Casings	Ductwork materials, construction, supports, and cleaning.
•			15820	23 33 00	Air Duct Accessories	Ductwork accessory items.
•			15830	23 34 00	HVAC Fans	Centrifugal fans, axial fans, propeller fans, downblast and upblast centrifugal roof fans, centrifugal wall fans, ceiling fans, inline ceiling fans, duct blowers or cabinet fans, centrifugal square inline fans, upblast propeller roof fans, centrifugal filtered supply fans, combination kitchen hood supply and exhaust fans, roof ventilators, energy recovery ventilators and accessories.
•			15840	23 36 00	Air Terminal Units	Constant and variable-air volume terminal units for duct systems.
•	•	•	15842	23 36 19	Variable-Air-Volume Changeover Bypass System	System consisting of dampers, hardware, controls and control components.
•			15850	23 37 00	Air Outlets and Inlets	Roof, wall, and floor diffusers, registers, and grilles, and louvers, louvered penthouses, and roof hoods.
•			15860	23 40 00	HVAC Air Cleaning Devices	Air filters and air cleaning devices.
•			15550	23 51 00	Breechings, Chimneys, and Stacks	Breeching, chimneys, and stacks for venting flue gases from fuel fired appliances.
	•	•	15510	23 52 00	Heating Boilers	Packaged hot water boilers, controls, and accessories, fired by natural gas, propane, or fuel oil.
•			15519	23 52 13	Electric Boilers	Packaged heating boilers with controls and accessories for steam or hot water systems.
•			15512	23 52 23	Cast-Iron Boilers	Cast-iron boilers with burners, controls and accessories for steam or hot water systems.
•			15514	23 52 34	Finned Water-Tube Boilers	Packaged finned water-tube boilers with burners, controls and accessories for hot water systems.
•			15515	23 52 35	Steel Water-Tube Boilers	Steel water-tube boilers with burners, controls and accessories for steam or hot water systems.
•			15516	23 52 36	Flexible Water-Tube Boilers	Flexible water-tube boilers with burners, controls and accessories for steam or hot water systems.
•			15518	23 52 39	Fire-Tube Boilers	Packaged fire-tube boilers with burners, controls and accessories for steam or hot water systems.
•			15520	23 53 00	Heating Boiler Feedwater Equipment	Boiler feedwater pumps, deaerators and packaged deaerator and feedwater equipment.
•	•	•	15530	23 54 00	Furnaces	Gas, oil, or electric forced air furnaces and accessories, including air conditioning, humidification, and air cleaning
•	•	•	15540	23 55 00	Fuel-Fired Heaters	Indirect fired, gas or oil fired unit heaters, industrial heaters, duct furnaces, gas fired infrared heaters, and fuel fired packaged air units.
•			13610	23 56 13	Heating Solar Collectors	Flat plate solar collectors, controls, pipe materials, fittings, valves, tanks, pumps.
•	•	•	15710	23 57 00	Heat Exchangers for HVAC	Shell and tube, and plate type heat exchangers and accessories.
•	•	•	15610	23 61 00	Refrigerant Compressors	Refrigeration compressors for refrigeration systems, with controls and motor starters.
•	•	•	15670	23 63 13	Air-Cooled Refrigerant Condensers	Indoor or outdoor, air-cooled refrigerant condensers including air coils, condenser fans, controls, and accessories.

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•	•	•	15660	23 63 33	Evaporative Refrigerant Condensers	Packaged liquid coolers with forced air circulation, for evaporative cooling, including a circulating pump, and accessories.
	•	•	15620	23 64 00	Packaged Water Chillers	Packaged water chillers and accessories.
•			15621	23 64 11	Package Water Chillers - Reciprocating, Scroll, and Screw	Packaged water chillers with a scroll, reciprocating, or screw type compressor and water or air-cooled condensers.
•			15622	23 64 12	Package Water Chillers - Centrifugal and Screw	Packaged water chillers with a centrifugal or a screw compressor and a water-cooled condenser.
•			15623	23 64 13	Absorption Water Chillers	Absorption water chillers using lithium bromide or ammonia, with water, steam, natural gas or fuel oil heat sources.
•	•	•	15640	23 65 00	Cooling Towers	Factory packaged forced draft and induced draft, cooling towers, accessories, and controls.
•			15650	23 65 23	Field-Erected Cooling Towers	Field erected induced draft, cooling towers, accessories and controls.
•	•	•	15720	23 73 00	Indoor Central-Station Air-Handling Units	Air-handling units with coils, mixing boxes, filters, dampers, dehumidifier, and humidifier.
•	•	•	15721	23 74 13	Packaged Outdoor Central-Station Air-Handling Units	Air handling units packaged by manufacturer in modular form for use in exterior roof mounted applications.
	•	•	15730	23 81 00	Decentralized Unitary HVAC Equipment	Packaged roof top unit, packaged terminal air conditioning units, unitary air conditioners.
•			15736	23 81 03	Packaged Rooftop Air Conditioning Units - Small Capacity	Roof-mounted self-contained units with electric cooling; gas-fired, electric, or hot water heating; and controls; up to 25 tons (88 kW) capacity
•			15737	23 81 06	Packaged Rooftop Air Conditioning Units - Medium Capacity	Roof-mounted self-contained units with electric cooling; gas-fired, electric, or hot water heating; and controls; 25 tons (88 kW) to 65 tons (229 kW) capacity
•			15738	23 81 09	Packaged Rooftop Air Conditioning Units - Large Capacity	Roof-mounted air conditioning units with electric cooling; gas-fired, electric, hot water, or steam heating; and controls; 75 tons (264 kW) to 130 tons (457 kW) capacity.
•			15733	23 81 13	Packaged Terminal Air-Conditioners	Packaged terminal air conditioning and heat pump units with electric, hot water, steam, or gas heating; accessories; and controls
•			15731	23 81 19	Self-Contained Air-Conditioners	Self contained air conditioning units with refrigerant compressors, controls, and accessories for indoor installation, with water-cooled condensing units or connections for externally mounted air-cooled condensers
•	•	•	15735	23 81 23	Computer-Room Air-Conditioners	Floor mounted air conditioning units and ceiling mounted unitary air conditioning units for computer rooms.
•	•	•	15739	23 81 26	Split-System Air-Conditioners	Units consisting of air handling unit and condensing unit with electric cooling; electric heating, hot water heating or steam heating; and controls.
•	•	•	15740	23 81 43	Air-Source Unitary Heat Pumps	Roof-mounted self-contained heat pumps, packaged free standing or through-the-wall terminal heat pump units, and packaged heat pump units with remote condenser/evaporators.
•	•	•	15745	23 81 46	Water-Source Unitary Heat Pumps	Heat pumps of the following types: horizontal, vertical, rooftop, console, and vertically stacked with water cooled condensers for use in water source or geothermal heat pump systems.
•	•	•	15760	23 82 00	Convection Heating and Cooling Units	Heat transfer coils utilizing piped heat transfer media, electric resistance heating coils, room terminal units used in hydronic and steam heating systems, and electric heaters.
•			15770	23 83 00	Radiant Heating Units	Electric heating cables, as units and assembled into mats. This section combines information previously included in sections 15750 and 16855.
•	•	•	15750	23 84 00	Humidity Control Equipment	Wetted media humidifiers or evaporative coolers for air handling units or equipment and packaged sprayed coil dehumidifiers for central air handling units. Humidifiers using seam or electricity for heat source.
•			13448	25 31 00	Integrated Automation Instrumentation and Terminal Devices for Facility Equipment	Electric control switches, pushbuttons, relays, time delay relays, timers, counters, control power transformers, and control panels.
•			13429	25 36 13	Integrated Automation Power Meters	Instrument transformers, switches, relays, transducers, and meters for sensing and measuring electrical energy in buildings, facilities, and processes.

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•			13449	25 36 19	Integrated Automation Current Sensors	Packaged peak load controllers which sense electric power demand and initiate alarms or automatic load shedding.
•	•	•	13845	25 36 26	Integrated Automation Lighting Relays	Hard wired, low voltage relay lighting control system.
•		•	13800	25 50 00	Integrated Automation Facility Controls	Central building management system to supervise temperature control, energy management, fire and smoke alarm system, and other building systems.
	•	•	16050	26 05 00	Common Work Results for Electrical	Basic materials and methods for grounding and bonding, fastening and supporting, identifying, and demolishing and repair of electrical work.
•			16150	26 05 03	Equipment Wiring Connections	Wiring connections to equipment included in other sections.
•			16121	26 05 13	Medium-Voltage Cables	Medium voltage cable and accessories, for systems rated above 600 volts to 35,000 volts.
	•	•	16100	26 05 19	Low-Voltage Electrical Power Conductors and Cables	Building wire and cable, raceway, boxes, and wiring devices.
•			16123	26 05 19	Low-Voltage Electrical Power Conductors and Cables	Building wire and cable with insulation rated 600 volts and less.
•			16125	26 05 21	Undercarpet Cable	Flat conductor cable and fittings for power, communications, and data circuits, for installation on concrete slab under carpet tile.
•			16127	26 05 22	Manufactured Wiring Assemblies	Prefabricated flexible wiring assemblies for branch circuit distribution to convenience outlets and luminaires.
•		•	16060	26 05 26	Grounding and Bonding for Electrical Systems	Grounding grids, loops, and other related grounding components for grounding systems associated with buildings.
•			16070	26 05 29	Hangers and Supports for Electrical Systems	Basic materials and methods for fastening and supporting electrical products and equipment.
•			16128	26 05 33	Raceway and Boxes for Electrical Systems	Raceway and boxes for electrical power and control wiring.
•			16141	26 05 34	Floor Boxes for Electrical Systems	Floor boxes, access floor boxes, poke-through fittings, and service fittings.
•			16133	26 05 36	Cable Trays for Electrical Systems	Metal and fiber glass cable trays.
•			16136	26 05 39	Underfloor Raceways for Electrical Systems	Underfloor raceway for power and communications circuits, including fittings, accessories, and installation of wire and cable.
•			16075	26 05 53	Identification for Electrical Systems	Identification methods for electrical equipment and components.
•	•	•	16011	26 05 73	Overcurrent Protective Device Coordination Study	Requirements for short circuit and protective device coordination study.
•	•	•	16149	26 09 23	Lighting Control Devices	Remote control switching of 120 and 277 volt lighting and general purpose branch circuits using low voltage control power.
•	•	•	13846	26 09 43	Network Lighting Controls	Lighting control system using network wiring.
		•	16300	26 10 00	Medium-Voltage Electrical Transmission	Pad mounted transformers, medium voltage switchgear, circuit breakers and fuses, and motor controllers.
•		•	16362	26 11 16	Secondary Unit Substations	Secondary unit substations with medium voltage primaries and low voltage secondaries.
•			16271	26 12 00	Medium-Voltage Transformers	Liquid-filled and dry-type pad-mounted distribution transformers.
•			16342	26 13 13	Medium-Voltage Circuit Breaker Switchgear	Medium-voltage switchgear with air-magnetic or vacuum interrupter circuit breakers.
•			16341	26 13 19	Medium-Voltage Vacuum Interrupter Switchgear	Air-break interrupter switches for medium Voltage applications.
•			16349	26 18 13	Medium-Voltage Cutouts	Medium-voltage oil switches.
•			16345	26 18 39	Medium-Voltage Motor Controllers	Medium-voltage motor controllers with fuses to interrupt currents in excess of operating overloads.
	•	•	16400	26 20 00	Low-Voltage Electrical Transmission	Enclosed switches, circuit breakers, controllers, and contactors; panelboards and load centers; and fuses.
•		•	16461	26 22 00	Low-Voltage Transformers	Enclosed dry type transformers for lighting and power loads.
•			16462	26 22 03	Low-Voltage Transformers For Nonlinear Loads	Enclosed dry type transformers for nonlinear power loads, such as computers and other electronic power supplies.

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•			16463	26 22 06	Low-Voltage Transformer Load Centers	Small dry type transformers with integral circuit breaker load center.
•		•	16441	26 24 13	Switchboards	Enclosed dead-front enclosed switchboards.
•			16442	26 24 16	Panelboards	Enclosed fusible switch and circuit breaker panelboards for feeders, and circuit breaker type lighting and appliance branch circuit panelboards.
•		•	16443	26 24 19	Motor-Control Centers	Motor control centers.
•			16451	26 25 00	Enclosed Bus Assemblies	Feeder and plug-in busway.
•			16470	26 26 00	Power Distribution Units	Unit power conditioning equipment for electronic data processing installations including surge suppression, filters, isolation, voltage regulation, monitoring, and branch circuit protection.
•			16131	26 27 16	Electrical Cabinets and Enclosures	Metal cabinets and enclosures for enclosing terminal blocks and electrical devices.
•			16132	26 27 23	Indoor Service Poles	Freestanding indoor utility columns providing power receptacle, telephone, and data communication outlets at locations away from walls.
•		•	16140	26 27 26	Wiring Devices	Wiring devices including receptacles, wall switches, and unit dimmers
•			16491	26 28 13	Fuses	Fuses for use in low voltage power distribution circuits.
•			16411	26 28 19	Enclosed Switches	Enclosed switches for disconnects in service and distribution systems rated 600 volts and less.
•			16412	26 28 23	Enclosed Circuit Breakers	Enclosed circuit breakers of the molded case and insulated case types.
•			16413	26 28 26	Enclosed Transfer Switches	Automatic and manual transfer switches and bypass/isolation switches for systems rated 600 volts and less.
•			16421	26 29 13	Enclosed Controllers	Enclosed manual and automatic controllers for AC induction motors.
•			16423	26 29 16	Enclosed Contactors	Enclosed contactors for controlling feeders and branch circuits for lighting, heating, and general purpose loads.
•			16265	26 29 23	Variable-Frequency Motor Controllers	Three-phase variable frequency motor controllers of the pulse-width-modulated design, for fan and pump motors.
•		•	16235	26 32 13	Engine Generators	Packaged engine generator set for emergency and standby power.
•		•	16231	26 32 29	Rotary Converters	Rotary converters for converting from AC to DC, changing frequency on an AC system, or for obtaining three phase output from a single phase source.
•		•	16232	26 32 33	Rotary Uninterruptible Power Units	Rotary converters with energy storage for uninterruptible power supply for data processing and similar applications.
•		•	16262	26 33 00	Battery Equipment	Small emergency power supplies with integral battery and inverter, to power lighting, small motors, unit equipment, and control systems.
•		•	16261	26 33 53	Static Uninterruptible Power Supply	Static uninterruptible power supply equipment.
•			16281	26 35 13	Capacitors	Unit capacitors for power factor correction.
•			16282	26 35 33	Power Factor Correction Equipment	Automatic power factor controllers.
•			16289	26 35 53	Voltage Regulators	Transient voltage surge suppressors
•		•	13100	26 41 00	Facility Lightning Protection	Lightning protection systems for buildings and facilities, including air terminals, down conductors, grounding, and bonding.
•		•	13110	26 42 00	Cathodic Protection	Passive cathodic protection to buried metallic utility piping, buried metal structures, and buried metal tanks using sacrificial galvanic anodes.
	•	•	16500	26 50 00	Lighting	Luminaires, emergency lighting units, exit signs, ballasts, lamps, and accessories.
•			16510	26 51 00	Interior Lighting	Interior luminaires, ballasts, lamps, and accessories.
•			16530	26 52 00	Emergency Lighting	Emergency lighting units and exit signs.

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•			16561	26 55 36	Obstruction Lighting	Obstruction lighting for marking buildings for airline flight safety and landing lights for helicopter pads.
•			16551	26 55 61	Theatrical Lighting	Theatrical lighting, dimming, and control equipment and accessories.
•			16520	26 56 00	Exterior Lighting	Exterior luminaries, poles, and accessories.
	•		16700	27 00 00	Communications	Telephone services and pathways.
•			16850	27 05 23	Television Services	Master antenna (MATV), satellite master antenna (SMATV), television service entrance, and premises wiring for cable television or community antenna television (CATV).
•			16061	27 05 26	Grounding and Bonding for Communications Systems	Wire, connections, and other related grounding components for grounding associated with communication systems.
•			16071	27 05 29	Hangers and Supports for Communications Systems	Basic materials and methods for fastening and supporting communications products and equipment.
•			16129	27 05 33	Conduits and Backboxes for Communications Systems	Conduit and backboxes for communication wiring.
•			16134	27 05 36	Cable Trays for Communications Systems	Metal cable trays of types and sizes included in NEMA VE 1, and fiberglass cable trays of types and sizes included in NEMA FG 1.
•			16076	27 05 53	Identification for Communications Systems	Identification methods for communications equipment and components.
•		•	16710	27 13 43	Communications Services Cabling	Telecommunications services, pathways, equipment facilities, and cabling for voice and data communications.
•			16810	27 13 46	Audio-Video Services Cabling	Cables and accessories for sound and video signal circuits.
•		•	16821	27 51 16	Public Address and Mass Notification Systems	Public address and music system equipment
•		•	16728	27 51 23	Intercommunications and Program Systems	Intercom equipment for interoffice private conversations.
•		•	16729	27 52 23	Nurse Call/Code Blue Systems	Annunciator and intercom equipment for nurse call systems.
•		•	13810	27 53 13	Clock Systems	Clock and program equipment for systems that announce and record time intervals, or that use time-based signals for control purposes.
•			16072	28 05 29	Hangers and Supports for Electronic Safety and Security	Basic materials and methods for fastening and supporting safety and security products and equipment.
•			16130	28 05 33	Conduits and Backboxes for Electronic Safety and Security	Conduit and backboxes for electronic safety and security wiring.
•			16135	28 05 36	Cable Trays for Electronic Safety and Security	Metal cable trays of types and sizes included in NEMA VE 1, and fiberglass cable trays of types and sizes included in NEMA FG 1.
•			16077	28 05 53	Identification for Electronic Safety and Security	Identification methods for safety and security equipment and components.
•		•	13720	28 13 00	Access Control	Equipment for recording and controlling access to buildings.
•		•	13710	28 16 00	Intrusion Detection	Detectors and alarm devices and systems to detect intrusion into a building.
•		•	13750	28 23 00	Video Surveillance	Fixed position closed circuit television equipment and accessories for video surveillance of building sites and premises.
•		•	13851	28 31 00	Fire Detection and Alarm	Manual and automatic fire alarm and smoke detection equipment for local, auxiliary, and remote station protective systems.
•		•	02055	31 05 13	Soils for Earthwork	Soil and subsoil materials referenced by other sections for fill and grading purposes.
•		•	02060	31 05 16	Aggregates for Earthwork	Aggregate materials referenced by other earthwork sections for fill and grading purposes.
•		•	02454	31 09 19	Pile Load Tests	Pile load testing requirements intended to supplement a section specifying the piling method.
•	•		02230	31 10 00	Site Clearing	Removal of paving and curbs, debris, grass, and plant life and rough grading of soil, in preparation for site or building excavation work.
	•	•	02300	31 20 00	Earth Moving	Removing and stockpiling topsoil and subsoil, excavating, trenching, backfilling, and compacting for building foundations, site structures, and utilities.

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•	•	•	02159	31 21 13	Radon Mitigation	Passive system to collect radon gas under basements and slabs-on-grade and vent through roof to atmosphere.
•			02311	31 22 13	Rough Grading	Removal of topsoil, rough grading, filling, and compacting to contour the site in preparation for building excavation and other site work.
•			02315	31 23 16	Excavation	Excavating for building foundations, site structures, slabs-on-grade, pavement, and utilities within the building.
•			02324	31 23 17	Trenching	Trenching and backfilling for utilities outside of buildings, usually extending to utility service connections.
•			02316	31 23 18	Rock Removal	Removal of subsurface rock during excavation by mechanical or explosive methods.
•	•	•	02241	31 23 19	Dewatering	Temporary dewatering and surface water control systems for open excavations, trenches, tunnels, and drilled shafts.
•			02320	31 23 23	Fill	Backfilling for building foundations, site structures, slabs-on-grade, pavement, and utilities within the building.
•		•	02322	31 23 24	Flowable Fill	Lean concrete mix for backfill, bedding and subgrade site work.
•			02374	31 25 13	Erosion Controls	Erosion and sedimentation control devices
•	•	•	02362	31 31 16	Termite Control	Chemical soil treatment to control subterranean termites and other insects.
•			02342	31 32 14	Cement Soil Stabilization	Treating existing site subsoil with cement, aggregate, and other additives for physical stability to support subsequent construction.
•			02345	31 32 15	Lime Soil Stabilization	Treating existing site subsoil with lime, aggregate, and other additives for physical stability to support subsequent construction.
•			02371	31 37 00	Riprap	Riprap and rock lining for soil stabilization and slope protection; bagged or loose.
•		•	02488	31 41 16	Sheet Piling	Sheet piling for retaining walls, weirs, caissons, cofferdams, and bulkheads.
•			02461	31 62 14	Prestressed Concrete Piles	Driven prestressed precast concrete piles, with or without steel points.
•	•	•	02462	31 62 16	Steel Piles	Driven H-section steel piles, with protective coating.
•	•	•	02463	31 62 19	Timber Piles	Driven timber piles, with or without preservative treatment.
•	•	•	02458	31 62 23	Composite Piles	Cast-in-place concrete filled steel pipe piles, end bearing type.
•			02465	31 63 00	Bored Piles	Cast-in-place concrete footings, compacted to form an expanded bulbular base, with or without shaft liner, end bearing type.
•			02466	31 63 16	Auger Cast Grout Piles	Hollow auger bored shaft with cast-in-place concrete grout pressure injected, end bearing type.
•	•	•	02470	31 63 29	Drilled Concrete Piers and Shafts	Cast-in-place concrete piers in bored shafts, with or without shaft liner, bells, rock socket, shear ring, or reinforcing steel; end bearing and friction type. Sometimes referred to as caissons or drilled piers.
•			02484	31 66 16	Special Foundation Walls	Mechanically stabilized earth walls for earth retaining structures
•		•	02960	32 01 16	Flexible Paving Rehabilitation	Milling, or heating and removing, reciting, and replacing existing asphaltic concrete, with or without a top seal coat.
•		•	03920	32 01 26	Rigid Paving Rehabilitation	Preparation of existing concrete pavement surfaces for subsequent asphalt or concrete pavements.
•			02056	32 05 13	Soils for Exterior Improvements	Soil and subsoil materials referenced by other sections for fill and grading purposes.
•			02061	32 05 16	Aggregates for Exterior Improvements	Aggregate materials referenced by other exterior improvements sections for fill and grading purposes.
•		•	02721	32 11 23	Aggregate Base Courses	Aggregate subbase and base course for placement under asphalt or concrete pavement, or placed and left exposed.
•	•	•	02740	32 12 16	Asphalt Paving	Conventional (Marshall) and superpave asphalt paving for roads, parking areas, or sidewalks.
•	•	•	02750	32 13 13	Concrete Paving	Concrete pavement for roads, parking areas, sidewalks, median barriers, integral curbs, gutters.

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	•	•	02780	32 14 00	Unit Paving	Brick, precast concrete, and stone pavers set into sand or cementitious mortar bed, laid on aggregate, asphalt or concrete paving base.
•			02783	32 14 13	Precast Concrete Unit Paving	Precast concrete paver units of interlocking or butt edge design, laid dry on sand bed.
•			02782	32 14 16	Brick Unit Paving	Clay brick pavers set into sand, bituminous or mortar bed, on an aggregate or paved base.
•			02781	32 14 23	Asphalt Unit Paving	Manufactured fibered asphalt block or plank pavers, on a paved base.
•			02784	32 14 40	Stone Paving	Marble, granite, or slate stone pavers, laid dry on sand or placed on mortar bed.
•			02842	32 17 13	Parking Bumpers	Precast concrete or timber parking bumpers
•			02763	32 17 23	Pavement Markings	Painted pavement markings, lines, and legends
•		•	02821	32 31 13	Chain Link Fences and Gates	Chain link fences of zinc coated steel, aluminum coated steel, and vinyl coated steel.
•			02483	32 32 23	Segmental Retaining Walls	Manufactured modular wall for landscaping, erosion control, and other transportation, site or waterfront applications.
•			02487	32 32 43	Soldier-Beam Retaining Walls	Soldier beam walls for earth retention
•	•	•	02811	32 84 00	Planting Irrigation	Piped underground irrigation systems with piping, sprinkler heads, valves, and controls.
	•	•	02900	32 90 00	Planting	Interior and exterior landscaping including trees, plants, ground cover, seeding, and sodding. Also includes subsoil and topsoil preparation.
•			02922	32 91 13	Soil Preparation	Preparation of subsoil and topsoil placement.
•			02923	32 91 19	Landscape Grading	Placing, leveling, and compacting topsoil materials prior to final landscaping
•			02924	32 92 19	Seeding	Seeding of grassed areas. Also includes subsoil and topsoil preparation
•			02925	32 92 23	Sodding	Installation and maintenance of sod. Also includes subsoil and topsoil preparation.
•			02930	32 93 00	Plants	Interior and exterior landscaping including trees, plants, and ground cover. Also includes subsoil and topsoil preparation.
•		•	02281	33 01 31	Manhole Grade Adjustment	Manhole cover grade adjustment and cover replacement.
•			02952	33 01 32	Sewer and Manhole Testing	Testing methods for sewer pipe both gravity and pressure pipes and manhole testing.
•			02951	33 01 33	TV Inspection of Sewer Pipelines	TV inspection of pipeline and associated preparatory work
•			02956	33 01 34	Sewer and Pipe Joint Sealing	Testing and sealing of sewer pipe joints.
•			02958	33 01 35	Manhole Grout Sealing	Cleaning, plugging, and grout sealing of defective manholes.
•			02957	33 01 36	Relining Sewers	Relining of sanitary sewer piping and associated preparatory work.
•		•	02081	33 05 13	Manholes and Structures	Cast-In-Place, precast concrete, fiber reinforced plastic, and masonry manholes for access to subsurface drainage piping or utilities.
•			02082	33 05 14	Public Manholes and Structures	Cast-In-Place, precast concrete, and masonry manholes and structures and frames and covers for public sewerage piping
•			02083	33 05 15	Polyethylene Manholes	Polyethylene manholes, bedding, and cover materials.
•		•	02084	33 05 16	Utility Structures	Precast concrete utility structures and frames and covers used for subsurface drainage and sewerage systems.
•			03480	33 05 17	Precast Concrete Valve Vaults and Meter Boxes	Precast concrete valve vaults and meter boxes for valve and meter installation.
•			02088	33 05 19	Pressure Piping Tied Joint Restraint System	Tied joint restraint system for pressure piping systems.
•			02446	33 05 23	Trenchless Utility Installation	Pipe jacking or tunnel excavation, primary casing pipes or tunnel liners, and secondary inverts, carrier pipes, or duct for installation of distribution facilities.
•		•	02448	33 05 24	Utility Horizontal Directional Drilling	Horizontal directional drilling for installation of distribution facilities for various pipes.

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•		•	02449	33 05 25	Microtunneling	Microtunnel system to install casing or product pipe immediately behind controlled, steerable articulated Microtunnel Boring Machine.
•			02513	33 11 13	Public Water Utility Distribution Piping	Pipe materials, fittings, valves, and meters for public water distribution systems.
•		•	02512	33 11 16	Site Water Utility Distribution Piping	Pipe materials, fittings, and valves for domestic water, and fire water systems from the building to the utility source.
•		•	02518	33 12 00	Water Utility Distribution Equipment	Assemblies for residential and commercial domestic water service.
•			02515	33 12 13	Water Service Connections	Domestic water service connections from utility to buildings.
•		•	02085	33 12 16	Water Utility Distribution Valves	Valves and valve boxes for fire hydrant and water main installation
•		•	02086	33 12 19	Water Utility Distribution Fire Hydrants	Fire hydrants used in water main installation
•		•	02516	33 13 00	Disinfecting of Water Utility Distribution	Disinfection of domestic water systems from the building to the utility source.
•		•	13209	33 13 13	Water Storage Tank Disinfection	Methods of disinfecting water storage tanks for potable water.
•		•	13206	33 16 13	Aboveground Water Utility Storage Tanks	Design, fabrication and erection of site precast, prestressed concrete water storage tanks.
•		•	13207	33 16 19	Elevated Water Utility Storage Tanks	Design, fabrication, and erection of welded steel elevated water tank.
•			02525	33 21 00	Water Supply Wells	Drilled water well, casing and grouting, pump, and accessories, for domestic water wells.
•			02526	33 21 13	Public Water Supply Wells	Drilling, casing, grouting, and pump for public water supply wells.
•	•	•	02529	33 23 13	Geothermal Energy Exchange Wells	Drilling, grouting, excavation, backfill, piping, valves and accessories, for wells used in geothermal heat pump systems.
•		•	02538	33 31 00	Sanitary Utility Sewerage Piping	Gravity sanitary sewerage drainage piping from the building to municipal sewer or other discharge system.
•			02539	33 31 13	Public Sanitary Utility Sewerage Piping	Pipe materials, manholes, and accessories for public gravity sanitary sewers
•		•	02532	33 32 16	Packaged Utility Wastewater Pumping Stations	Submersible pump basin, pumps, control panel, and accessories for smaller packaged waste water or sewage pump stations.
•		•	02531	33 32 17	On-Lot Sewage Grinder Pumping Units	Submersible centrifugal and progressive cavity type grinder pumping units.
•			02533	33 32 19	Public Utility Wastewater Pumping Stations	Pump basin, submersible pumps, and control panel for public waste water or sewage pumping stations.
•			02535	33 33 00	Low Pressure Utility Sewerage	Low pressure sanitary sewage collection systems where on-lot grinder pumps are used to convey domestic sewage.
•		•	02536	33 34 00	Sanitary Utility Sewerage Force Mains	Municipal sanitary sewage force mains.
•		•	02540	33 36 00	Utility Septic Tanks	Septic tank, distribution box and filter drainage field system usually used with small buildings or buildings of low occupancy.
•			02542	33 36 13	Utility Septic Tank and Effluent Wet Wells	Septic tank and effluent wet well for low pressure septic tank effluent pumping systems.
•			02544	33 36 16	Utility Septic Tank Effluent Pumps	Septic tank effluent pump units for installation in low pressure septic tank effluent pumping systems.
•	•	•	02630	33 41 00	Storm Utility Drainage Piping	Gravity storm drain piping from the building to the municipal utility or other discharge system. Also includes gravity storm drainage of paved and landscaped site areas.
•			02631	33 41 13	Public Storm Utility Drainage Piping	Gravity storm drain piping for public
•		•	02610	33 42 13	Pipe Culverts	Corrugated steel or concrete pipe culvert and accessories for site drainage systems.
•			02611	33 42 14	Public Pipe Culverts	Corrugated steel, aluminum, polyethylene or concrete pipe culverts.
•			02635	33 44 19	Utility Storm Water Treatment	Double wall, underground, fiberglass, oil-water separator tank and accessories.
•	•	•	02620	33 46 00	Subdrainage	Weep tile drainage system including piping, aggregate and filter fabric, for building perimeter and under slabs-on-grade.

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•			02661	33 47 13	Pond and Reservoir Liners	Impermeable geomembrane liners for installation in ponds and reservoirs.
•		•	02551	33 51 00	Natural-Gas Distribution	Pipe materials, fittings, and valves for piped natural or propane gas distribution systems from the meter inside or outside the building to the utility source.
•		•	02556	33 52 13	Fuel-Oil Distribution	Factory insulated piping for use with oil distribution systems below ground.
•		•	02552	33 61 00	Hydronic Energy Distribution	Factory insulated piping for hydronic distribution systems below ground.
•			02554	33 63 00	Steam Energy Distribution	Factory insulated piping for use with steam distribution systems below ground
•		•	02585	33 71 16	Electrical Utility Poles	Wood poles and accessories for overhead site electrical and communications circuits.
•		•	02581	33 71 19	Electrical Underground Ducts and Manholes	Concrete-encased conduit and duct, and concrete manholes.
•			16311	33 71 26	Transmission and Distribution Equipment	Line conductors and accessories for overhead power distribution on site.
•			16210	33 71 73	Electrical Utility Services	Electric utility service to a building and related metering equipment.
•			02590	33 79 00	Site Grounding	Grounding grids, loops, and other components for grounding of buildings and facilities.
•		•	02841	34 71 13	Vehicle Barriers	Formed steel guard rail on steel or timber posts for vehicular traffic control.
•			13451	40 94 43	Programmable Logic Process Controllers	Programmable controllers for either stand-alone or networked applications.
•			16931	40 95 13	Process Control Panels and Hardware	Pump control panel and accessories for a duplex wastewater lift station.
•			15861	44 11 16	Industrial Dust Collectors	Equipment and accessories required for a complete dust collection system.
•		•	11390	44 41 13	Packaged Water Treatment Plants	Package sewage treatment plant using extended aeration process.
•			11211	44 42 57	Raw Sewage Influent Pumps	Horizontal, dry pit centrifugal pumps for pumping raw sewage from wet well to domestic sewage treatment plants.
•			11312	44 42 58	Submersible Sludge Pumps and Accessories	Submersible sludge pumps for sumps in domestic sewage treatment plants.
•			11349	44 44 14	Chemical Feed Pumps	Chemical feed pumps for feeding various chemicals.
•			13205	44 44 15	Glass Fiber Reinforced Chemical Storage Tanks	Glass-fiber-reinforced tanks for storage of caustic and corrosive chemicals.
•			11345	44 44 16	Water Chlorinators	Chlorination equipment for small water and wastewater systems using chlorine gas in cylinders.

For additional or subscription information contact:

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