

Section No.	Section Title	Issue Date	Section Description
DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS			
000000	Procurement and Contracting Requirements	11/11	Outline Only: Single Document to specify procurement and Contract requirements. Includes topics covered in Division 00 Documents.
001116	Invitation to Bid	10/14	Private notice for selected bidders.
002113	Instructions to Bidders	10/14	Generic bid submission procedural requirements.
002113.11	Instructions to Bidders - AIA	10/14	Bid submission procedural requirements incorporating and supplementing AIA A701 used with AIA Contract forms. NOTE: SpecText files do not contain referenced AIA documents.
002113.12	Instructions to Bidders - EJCDC	10/14	Bid submission procedural requirements with EJCDC Contract forms. NOTE: SpecText files do not contain referenced EJCDC documents.
003100	Available Project Information	10/14	List and descriptions of geotechnical, topographic survey, existing conditions survey, and other reports.
004113	Bid Form - Stipulated Sum (Single-Prime Contract)	10/14	Generic lump-sum price Bid Form used with AIA, EJCDC, or other Contract forms. NOTE: SpecText files do not contain referenced AIA and EJCDC documents.
004143	Bid Form - Unit Price (Single-Prime Contract)	10/14	Generic unit price Bid Form used with AIA, EJCDC, or other Contract forms. NOTE: SpecText files do not contain referenced AIA and EJCDC documents.
004300	Procurement Form Supplements	10/14	Forms to be submitted with Bid for Contractor qualifications, Subcontractor list, pricing schedules, and other information.
005213.11	Agreement Form - AIA Stipulated Sum (Single-Prime Contract)	10/14	Incorporates AIA form as Contract agreement. NOTE: SpecText files do not contain referenced AIA documents.
005213.12	Agreement Form - EJCDC Stipulated Sum (Single-Prime Contract)	10/14	Incorporates EJCDC form as Contract agreement. NOTE: SpecText files do not contain referenced EJCDC documents.
005223.11	Agreement Form - AIA Construction Management (Single-Prime Contract)	10/14	Incorporates AIA construction management form as Contract agreement. NOTE: SpecText files do not contain referenced AIA documents.
007213.11	General Conditions - AIA Stipulated Sum (Single-Prime Contract)	10/14	Incorporates AIA form as General Conditions. NOTE: SpecText files do not contain referenced AIA documents.
007213.12	General Conditions - EJCDC Stipulated Sum (Single-Prime Contract)	10/14	Incorporates EJCDC form as General Conditions. NOTE: SpecText files do not contain referenced EJCDC documents.
007223.11	General Conditions - AIA Construction Management (Single-Prime Contract)	10/14	Incorporates AIA construction management form as General Conditions. NOTE: SpecText files do not contain referenced AIA documents.
007313	Supplementary Conditions - AIA	10/14	Supplements to AIA standard general conditions. NOTE: SpecText files do not contain referenced AIA documents.
007314	Supplementary Conditions - EJCDC	10/14	Supplements to EJCDC standard general conditions. NOTE: SpecText files do not contain referenced EJCDC documents.
007315	Supplementary Conditions - AIA (Construction Management)	10/14	Supplements to AIA standard construction management general conditions. NOTE: SpecText files do not contain referenced AIA documents.
009113	Addenda	10/14	Form for preparing addenda.
DIVISION 01 - GENERAL REQUIREMENTS			
010000	General Requirements	04/12	Outline Only: Single section to specify general requirements. Includes topics covered in other Division 01 Sections.

Section No.	Section Title	Issue Date	Section Description
011000	Summary	11/11	Basic Contract description, work by Owner or others, Owner-furnished products, use of Site, future work, work sequence, Owner occupancy, permits, and specification conventions.
012000	Price and Payment Procedures	11/11	Allowances, schedule of values, applications for payment, change procedures, defect assessment, unit prices, and alternates.
012500	Substitution Procedures	11/11	Product and installer substitution procedures.
013000	Administrative Requirements	11/11	Coordination, meetings, electrical characteristics, alterations, and special procedures.
013216	Construction Progress Schedule	11/11	Critical path method (CPM) schedules, bar chart schedules, submittals, review and evaluation, updating, and distribution.
013300	Submittal Procedures	11/11	Administrative and procedural requirements, product list and data, CAD files, Shop Drawings, samples, design data, reports, certificates, instructions, photographs, and reviews.
014000	Quality Requirements	11/11	Quality control, tolerances, references, labeling, mockups, testing and inspection, and manufacturer's field services.
015000	Temporary Facilities and Controls	11/11	Temporary utilities, construction facilities, and controls.
016000	Product Requirements	11/11	Product description, delivery, storage, handling, and product options.
017000	Execution and Closeout Requirements	11/11	Field engineering, startup, closeout, testing, adjusting, balancing, o&m, demonstrations and instructions, record documents, spare parts, warranties and bonds, examination, preparation, cutting & patching, and cleaning.
017419	Construction Waste Management and Disposal	11/11	Construction waste management plan, recycling, and adaptively reusing construction waste.
018113	Sustainable Design Requirements	04/12	Project goals, product requirements, and documentation to support LEED certification.
019100	Commissioning	11/11	Administrative and procedural requirements for commissioning selected systems.

DIVISION 02 - EXISTING CONDITIONS

024300	Structure Moving	07/12	Relocation of entire structures or portions of structures. Also includes disconnecting and reconnecting utilities.
025700	Sinkhole Remediation	04/12	Excavation within and adjacent to sinkholes and natural subsurface openings; placement of concrete or grout in bedrock openings; and backfilling.
026500	Underground Storage Tank Removal	04/12	Excavation; testing; tank decommissioning; tank removal; and backfill.
028213.33	Asbestos Abatement for Utilities	10/14	Removal of piping with coatings of asbestos-containing material (ACM).

DIVISION 03 - CONCRETE

030100	Maintenance of Concrete	10/15	Patching and repair of damaged or deteriorated concrete, using cementitious and epoxy repair materials.
031000	Concrete Forming and Accessories	10/14	Form materials, water stops and accessories, as required to form cast-in-place concrete.
032000	Concrete Reinforcing	10/14	Reinforcing steel and supports for cast-in-place concrete.
033000	Cast-in-Place Concrete	07/14	Cast-in-place or in situ concrete for structural building frames, slabs on fill or grade, and other concrete components associated with building.

Section No.	Section Title	Issue Date	Section Description
033523	Exposed Aggregate Concrete Finishing	10/16	Exposed architectural finishes on concrete surfaces, including final cleaning.
033713	Shotcrete	01/17	Pneumatically applied concrete for contoured earth surfaces or prepared forms.
033800	Post-Tensioned Concrete	04/15	On-Site post-tensioning of cast-in-place concrete structural building framing members and slabs.
033900	Concrete Curing	01/16	Procedures for curing horizontal and vertical concrete surfaces.
034100	Precast Structural Concrete	01/15	Plant precast and prestressed concrete members for building structural framing members; lifting, supporting, and connection devices; standard or stressing reinforcement; and minor surface finish options.
034713	Tilt-Up Concrete	04/15	Site-cast, load- or non-load-bearing, precast concrete wall panels, including panel insulation.
036000	Grouting	07/15	Portland-cement grout, rapid-curing epoxy grout, and non-shrink cementitious grout.
DIVISION 04 - MASONRY			
040513	Masonry Mortaring	10/14	Mortar for masonry Work, specified by property method or by proportion method.
DIVISION 05 - METALS			
055000	Metal Fabrications	07/13	Shop fabricated metal items of steel and aluminum.
055100	Metal Stairs	01/13	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.
055200	Metal Railings	01/13	Pipe or tube railing system; aluminum or steel materials; custom fabricated or proprietary design.
055300	Metal Gratings	01/13	Metal and FRP bar gratings and floor plates for pedestrian or light vehicle loads.
DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES			
068000	Composite Fabrications	01/15	Shop fabricated custom fiber reinforced epoxy or polyester resin components.
DIVISION 07 - THERMAL AND MOISTURE PROTECTION			
071200	Built-Up Bituminous Waterproofing	01/13	Hot or cold applied asphalt or hot applied coal tar waterproofing, with integral fabric reinforcement for foundation walls, buried structures, and concealed horizontal slabs.
071300	Sheet Waterproofing	01/13	Sheet waterproofing membranes of various types used in vertical and horizontal applications.
071400	Fluid-Applied Waterproofing	01/13	Liquid rubber, elastomeric, or other waterproofing compounds, hot or cold applied, used in vertical and horizontal applications.
071700	Bentonite Waterproofing	01/13	Manufactured waterproofing panel containing bentonite clay for below grade vertical and horizontal surfaces.
079000	Joint Protection	07/15	Gun-grade and pourable sealants, compressible foam sealers, and gaskets for sealing static joints, dynamic joints, and joints between differing materials and components.

DIVISION 09 - FINISHES

Section No.	Section Title	Issue Date	Section Description
099000	Painting and Coating	10/14	Preparing, priming, painting, staining, and applying finishes to scheduled surfaces, including mechanical, electrical, and equipment finishing.
099600	High-Performance Coatings	10/14	Fluid-applied coatings intended for applications requiring improved scrubability and durability, increased chemical resistance, or increased corrosion protection.
099635	Chemical-Resistant Coatings	10/14	Coating to surfaces requiring protection from process chemicals.
099723.24	Concrete Water Storage Tank Painting	01/17	Preparing and painting of concrete water storage tanks for potable water use.

DIVISION 10 - SPECIALTIES

107500	Flagpoles	01/17	Metal and glass-fiber flagpoles, primed for Site painting or prefinished, ground or building mounted, and with manual or electric operation.
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DIVISION 13 - SPECIAL CONSTRUCTION

134713	Cathodic Protection	01/15	Passive cathodic protection to buried metallic utility piping, buried metal structures, and buried metal tanks using sacrificial galvanic anodes.
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DIVISION 22 - PLUMBING

220553	Identification for Plumbing Piping and Equipment	01/13	Nameplates, labeling, and identification methods for plumbing equipment and components.
220700	Plumbing Insulation	11/11	Insulation applied to plumbing equipment and piping systems.
221429	Sump Pumps	01/13	Sump pumps for installation in sumps to pump effluent or drain water from structures and facilities.
221429.16	Submersible Sump Pumps	01/15	Submersible and non-submersible sump pumps used to lift and transport wastewater from plant sumps.

DIVISION 26 - ELECTRICAL

260526	Grounding and Bonding for Electrical Systems	07/12	Grounding grids, loops, and other related grounding components for grounding systems associated with buildings.
260553	Identification for Electrical Systems	01/13	Identification methods for electrical equipment and components.
260583	Wiring Connections	01/17	Wiring connections to equipment included in other sections.
262923	Variable-Frequency Motor Controllers	01/13	Three-phase variable frequency motor controllers of the pulse-width-modulated design, for fan and pump motors.
265600	Exterior Lighting	01/13	Exterior luminaries, poles, and accessories.

DIVISION 31 - EARTHWORK

310513	Soils for Earthwork	07/12	Soil and subsoil materials referenced by other sections for fill and grading purposes.
310516	Aggregates for Earthwork	07/12	Aggregate materials referenced by other earthwork sections for fill and grading purposes.
310519.13	Geotextiles for Earthwork	01/16	Turf reinforcement mats (woven geotextiles) and nonwoven geotextiles materials.
310813	Pile Load Testing	01/15	Pile load testing requirements intended to supplement a section specifying the piling method.

Section No.	Section Title	Issue Date	Section Description
311000	Site Clearing	01/13	Removal of paving and curbs, debris, grass, and plant life and rough grading of soil, in preparation for site or building excavation work.
312113	Radon Mitigation	04/16	Passive system to collect radon gas under basements and slabs-on-grade, and vent through roof to atmosphere.
312213	Rough Grading	01/13	Removal of topsoil, rough grading, filling, and compacting to contour the site in preparation for building excavation and other site work.
312316	Excavation	01/13	Excavating for building foundations, site structures, slabs-on-grade, pavement, and utilities within the building.
312316.13	Trenching	01/15	Trenching and backfilling for utilities outside of buildings, usually extending to utility service connections.
312316.26	Rock Removal	01/15	Removal of subsurface rock during excavation by mechanical or explosive methods.
312319	Dewatering	04/12	Temporary dewatering and surface water control systems for open excavations, trenches, tunnels, and drilled shafts.
312323	Fill	01/13	Backfilling for building foundations, site structures, slabs-on-grade, pavement, and utilities within the building.
312323.33	Flowable Fill	01/15	Lean concrete mix for backfill, bedding and subgrade site work.
312500	Erosion and Sedimentation Controls	01/13	Erosion and sedimentation control devices
313116	Termite Control	11/11	Chemical soil treatment to control subterranean termites and other insects.
313213.16	Cement Soil Stabilization	01/15	Treating existing site subsoil with cement, aggregate, and other additives for physical stability to support subsequent construction.
313213.19	Lime Soil Stabilization	01/15	Treating existing site subsoil with lime, aggregate, and other additives for physical stability to support subsequent construction.
313600	Gabions	07/16	Wire-mesh, stone-filled gabions and mattresses for earth retention or channel lining, including filters.
313716.13	Rubble-Stone Riprap	07/16	Riprap and rock lining placed loose for soil stabilization and slope protection.
313716.19	Sacked Sand-Cement Riprap	07/16	Riprap and rock lining used for soil stabilization and slope protection, placed in closed-jute or geotextile-fabric sacks for concealed or exposed-to-view locations.
314116	Sheet Piling	07/16	Sheet piling for retaining walls, weirs, caissons, cofferdams, and bulkheads.
316213.23	Prestressed Concrete Piles	07/16	Driven prestressed precast concrete piles, with or without steel points.
316216	Steel Piles	11/11	Driven H-section steel piles, with protective coating.
316219	Timber Piles	11/11	Driven timber piles, with or without preservative treatment.
316223	Composite Piles	11/11	Cast-in-place concrete filled steel pipe piles, end bearing type.
316300	Bored Piles	01/13	Cast-in-place concrete footings, compacted to form an expanded bulbular base, with or without shaft liner, end bearing type.
316316	Auger Cast Grout Piles	01/13	Hollow auger bored shaft with cast-in-place concrete grout pressure injected, end bearing type.
316329	Drilled Concrete Piers and Shafts	11/11	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.
316616	Special Foundation Walls	01/13	Mechanically stabilized earth walls for earth retaining structures

Section No.	Section Title	Issue Date	Section Description
DIVISION 32 - EXTERIOR IMPROVEMENTS			
320116	Flexible Paving Rehabilitation	07/12	Milling, or heating and removing, reciting, and replacing existing asphaltic concrete, with or without a top seal coat.
320126	Rigid Paving Rehabilitation	07/12	Preparation of existing concrete pavement surfaces for subsequent asphalt or concrete pavements.
320513	Soils for Exterior Improvements	01/13	Soil and subsoil materials referenced by other sections for fill and grading purposes.
320516	Aggregates for Exterior Improvements	01/13	Aggregate materials referenced by other exterior improvements sections for fill and grading purposes.
321123	Aggregate Base Courses	07/12	Aggregate subbase and base course for placement under asphalt or concrete pavement, or placed and left exposed.
321216	Asphalt Paving	11/11	Conventional (Marshall) and superpave asphalt paving for roads, parking areas, or sidewalks.
321313	Concrete Paving	11/11	Concrete pavement for roads, parking areas, sidewalks, median barriers, integral curbs, gutters.
321413	Precast Concrete Unit Paving	01/13	Precast concrete paver units of interlocking or butt edge design, laid dry on sand bed.
321416	Brick Unit Paving	01/13	Clay brick pavers set into sand, bituminous or mortar bed, on an aggregate or paved base.
321423	Asphalt Unit Paving	01/13	Manufactured fibered asphalt block or plank pavers, on a paved base.
321440	Stone Paving	01/13	Marble, granite, or slate stone pavers, laid dry on sand or placed on mortar bed.
321623	Sidewalks	01/16	Concrete paving for sidewalks.
321713	Parking Bumpers	01/13	Precast concrete or timber parking bumpers
321723	Pavement Markings	04/16	Painted pavement markings, lines, and legends for bituminous concrete and portland cement concrete roads and parking areas.
321726	Tactile Warning Surfacing	01/15	ADA-compliant tactile warning surfacing, suitable for surface or cast-in-place installation in concrete and asphalt.
323113	Chain Link Fences and Gates	07/12	Chain link fences of zinc coated steel, aluminum coated steel, and vinyl coated steel.
323223	Segmental Retaining Walls	01/13	Manufactured modular wall for landscaping, erosion control, and other transportation, site or waterfront applications.
323243	Soldier-Beam Retaining Walls	01/13	Soldier beam walls for earth retention
323313	Site Bicycle Racks	01/16	Bicycle racks and simple shelters.
323314	Bicycle Lockers	01/16	Secure bicycle shelters for storage of bicycles.
328400	Planting Irrigation	11/11	Piped underground irrigation systems with piping, sprinkler heads, valves, and controls.
329113	Soil Preparation	01/13	Preparation of subsoil and topsoil placement.
329119	Landscape Grading	01/13	Placing, leveling, and compacting topsoil materials prior to final landscaping
329219	Seeding	01/13	Seeding of grassed areas. Also includes subsoil and topsoil preparation
329223	Sodding	04/16	Installation of sod and maintenance until acceptance, including preparation of subsoil and topsoil placement.
329300	Plants	01/13	Interior and exterior landscaping including trees, plants, and ground cover. Also includes subsoil and topsoil preparation.

DIVISION 33 - UTILITIES

Section No.	Section Title	Issue Date	Section Description
330110.58	Disinfection of Water Utility Piping Systems	10/16	Disinfection of domestic water services associated with site services and utility supply systems.
330110.59	Disinfection of Water Utility Storage Tanks	10/16	Methods of disinfecting water storage tanks for potable water.
330130.11	Television Inspection of Sewers	10/16	Television inspection of pipeline and associated preparatory Work.
330130.61	Packer Injection Grouting	10/16	Grout sealing of sewer pipe joints and cleaning, plugging, and grout sealing of defective manholes.
330130.72	Cured-in-Place Pipe Lining	10/16	Relining of sanitary sewer piping and associated preparatory work.
330130.79	Fold-and-Form Pipe Lining	10/16	Relining of sanitary sewer piping and associated preparatory work.
330130.86	Manhole Rim Adjustment	10/16	Manhole cover grade adjustment and cover replacement.
330150.56	Cleaning of Hydrocarbon Storage Tanks	10/16	Methods of cleaning fuel-storage tanks to remove residual fuels, sludge, and scale.
330505.31	Hydrostatic Testing	10/16	Hydrostatic testing of pressurized piping and connected appurtenances such as valves.
330505.33	Infiltration and Exfiltration Testing	10/16	Infiltration and exfiltration testing of gravity sewer piping and manholes.
330505.36	Vacuum Testing	10/16	Vacuum testing of gravity sewer manholes.
330505.41	Air Testing	10/16	Low-pressure air testing of gravity sewer piping.
330505.43	Mandrel Testing	10/16	Mandrel testing of plastic gravity sewer piping.
330507	Trenchless Installation of Utility Piping	10/16	Pipe jacking and tunnel excavation, casing pipes and tunnel liners, secondary inverts, carrier pipes, and ducts for installation of distribution facilities.
330507.13	Utility Directional Drilling	10/16	Horizontal directional drilling for installation of distribution facilities.
330507.36	Microtunneling	10/16	Provisions for microtunnel systems to install casing or product pipe immediately behind controlled, steerable, articulated Microtunnel Boring Machine (MTBM).
330509.33	Thrust Restraint for Utility Piping	10/16	Tied joint restraint systems used to anchor and resist forces developed in underground closed pipeline systems.
330548	Vibration and Seismic Controls for Utilities Piping and Equipment	01/13	Vibration isolation and seismic control equipment for utilities piping, valves, and pumps.
330553	Identification for Utilities Piping and Equipment	07/13	Nameplates, labeling, and identification methods for site utilities piping, valves, equipment, and accessories.
330561	Concrete Manholes	10/16	Cast-in-place precast concrete and masonry manholes to access subsurface drainage and sewerage piping.
330563	Concrete Vaults and Chambers	10/16	Precast concrete utility vaults and chambers, with frames and covers, used for subsurface drainage collection, sewage collection, and water distribution systems.
330573	Polyethylene Manholes	10/16	PE manholes, rims, and covers used in gravity piping systems used to transport corrosive wastewater or chemicals.
330576	Fiberglass Manholes	10/16	Fiberglass manholes, rims, and covers used in gravity piping systems to transport corrosive wastewater or chemicals.
330577	Fiberglass Metering Manholes	10/16	Packaged fiberglass metering manholes used for installation of flumes.
330597	Identification and Signage for Utilities	10/16	Pipeline marker posts, metal and plastic utility markers, marking flags, plastic ribbon tape, and trace wire.
331100	Groundwater Sources	10/16	Drilling of public supply water wells, including casing and grouting, pump, and accessories.

Section No.	Section Title	Issue Date	Section Description
331113	Potable Water Supply Wells	10/16	Water well drilling, casing and grouting, pump, and accessories used for small residential or commercial domestic water wells.
331413	Public Water Utility Distribution Piping	10/16	Pipe materials, fittings, valves, and meters normally encountered with public water distribution systems, including potable water and fire water systems within public rights-of-way.
331416	Site Water Utility Distribution Piping	10/16	Pipe materials, fittings, and valves for domestic water, and fire water systems from the building to the utility source.
331417	Site Water Service Utility Laterals	10/16	Pipe materials, fittings, valves, meters, and backflow preventers used for water-service connections to small commercial and light industrial buildings and residential homes.
331419	Valves and Hydrants for Water Utility Service	10/16	Fire hydrants and valves used for installation in water mains.
331616	Multi-Column Elevated Steel Water Storage Tanks	10/16	Design, fabrication, and erection of welded steel elevated water tank.
331636	Ground-Level Reinforced Concrete Water Storage Tanks	10/16	Design, fabrication, and erection of site precast, prestressed concrete water storage tanks.
331900	Water Utility Metering Equipment	10/16	Meters and appurtenances commonly used in water distribution systems, including positive displacement meters, propeller flow meters, magnetic flow meters, ultrasonic flow meters, venturi flow meters, transmitters, indicators, recorders, and integrators.
332313	Geothermal Energy Exchange Wells	10/14	Drilling, grouting, excavation, backfill, piping, valves, and accessories for wells used in geothermal heat pump systems.
333100	Sanitary Sewerage Piping	10/16	Pipe materials and accessories used for gravity sanitary building piping from outside building to connection with municipal sewers or other discharge method.
333111	Public Sanitary Sewerage Gravity Piping	10/16	Pipe materials, manholes, and accessories for public gravity sanitary sewers.
333123	Sanitary Sewerage Force Main Piping	10/16	Pipe materials and accessories used for municipal sanitary sewerage force mains.
333126	Sanitary Pressure Sewer Piping	10/16	Pipe materials and accessories used for low-pressure sanitary sewage collection systems where on-lot grinder pumps are used to convey domestic sewage.
333211	Field-Erected Wastewater Pumping Stations	10/16	Excavation, submersible pump basin, pumps, control panel, and accessories for small public sewage pumping stations for residential, commercial, industrial, or institutional use.
333213	Packaged Wastewater Pumping Stations	10/16	Excavation, submersible pump basin, pumps, control panel, and accessories for packaged sewage pumping stations for residential, commercial, industrial, or institutional use.
333216	Packaged Wastewater Grinder Pump Assemblies	10/16	On-lot, submersible, centrifugal and progressing-cavity sewage grinder pumping units.
333219	Septic Tank Effluent Pumps	10/16	Septic tank effluent pump units for low-pressure septic tank effluent pumping (STEP) systems.
333413.13	Concrete Septic Tanks	10/16	Materials and installation requirements for concrete septic tanks.
333413.23	Fiberglass Septic Tanks	10/16	Materials and installation requirements for fiberglass (FRP) septic tanks.
333413.33	Polyethylene Septic Tanks	10/16	Materials and installation requirements for high-density polyethylene (HDPE) septic tanks.
333451	Drainage Field System	10/16	Materials and installation requirements for drainage fields (leach fields) used to further treat effluent from septic tanks.

Section No.	Section Title	Issue Date	Section Description
333453	Distribution Chambers	10/16	Materials and installation requirements for distribution chambers used to divert septic tank effluent to drainage fields.
334113	Foundation Drainage	10/16	Weep tile drainage system including piping, aggregate and filter fabric for building perimeter.
334119	Underslab Drainage	10/16	Weep tile drainage system including piping, aggregate and filter fabric for under slabs-on-grade.
334200	Stormwater Conveyance	10/16	Gravity storm drain piping from building to municipal utility or other discharge system, and gravity storm drainage of paved and landscaped Site areas.
334213	Stormwater Culverts	10/16	Corrugated-steel, aluminum, concrete, PE, PVC pipe culverts, and concrete box sections.
334213.13	Public Pipe Culverts	07/14	Corrugated steel, aluminum, polyethylene, and concrete pipe culverts, including accessories, excavating, bedding, and backfilling.
334236	Stormwater Trench Drains	10/16	Trench drains and accessories.
334713	Pond and Reservoir Liners	07/14	Impermeable geomembrane liners for ponds and reservoirs.
335213	Liquid Hydrocarbon Piping	10/16	Factory-insulated piping for use with oil distribution systems in below-ground applications.
336100	Hydronic Energy Distribution	10/14	Factory-insulated piping for use with hydronic distribution systems in below-ground applications.
336300	Steam Energy Distribution	10/14	Factory-insulated piping for use with steam distribution systems in below-ground applications.

DIVISION 34 - TRANSPORTATION

347113	Vehicle Barriers	07/12	Formed steel guard rail on steel or timber posts for vehicular traffic control.
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DIVISION 40 - PROCESS INTERCONNECTIONS

400506	Couplings, Adapters, and Specials for Process Piping	04/15	Pipe penetrations, restrained joints, flexible connections, expansion joints and loops, and sleeve-type couplings.
400512	Brass Process Pipe	04/16	Brass piping and tubing normally encountered in plant process piping systems, including common fittings.
400517	Copper Process Pipe and Tubing	04/16	Copper piping and tubing normally encountered in plant process piping systems, including common fittings.
400524	Steel Process Pipe	10/16	Steel pipe materials used for plant process piping systems, including common fittings and joints; cement-mortar-lined steel pipe and fittings; plastic-lined steel pipe and fittings; glass-lined steel pipe and fittings; and rubber-lined steel pipe.
400531	Thermoplastic Process Pipe	04/16	Plastic piping normally encountered in plant process piping systems, including common fittings and joints.
400536	Fiberglass-Reinforced Plastic Process Pipe	04/16	Fiberglass reinforced plastic (FRP) pipe material Fiberglass-reinforced plastic (FRP) piping normally encountered in plant process piping systems, including common fittings and joints.
400539.13	Concrete Pressure Water Pipe	01/17	Concrete pipe materials and appurtenances normally encountered with pressurized-water piping in a water-treatment plant.
400539.23	Concrete Gravity and Drainage Process Pipe	01/17	Pipe materials and appurtenances normally encountered with gravity process and drainage piping in a water- and wastewater-treatment plant.
400557	Actuators for Process Valves and Gates	04/15	Manual, pneumatic, and electric motor actuators.

Section No.	Section Title	Issue Date	Section Description
400559.21	Aluminum Slide Gates	01/14	Self-contained and non-self-contained aluminum slide gates for water and wastewater treatment facilities.
400559.23	Stainless Steel Slide Gates	01/14	Self-contained and non-self-contained stainless steel slide gates for water and wastewater treatment facilities.
400559.26	Fiberglass-Reinforced Plastic Slide Gates	01/14	Self-contained and non-self-contained fiberglass-reinforced plastic (FRP) slide gates for water and wastewater treatment facilities.
400559.33	Cast Iron Slide Gates	01/14	Self-contained and non-self-contained cast-iron slide gates for water and wastewater treatment facilities.
400561	Gate Valves	01/16	Resilient-seated, solid-wedge, general-duty, and plastic gate valves for use in water- and wastewater-treatment plants.
400562	Plug Valves	01/16	Eccentric plug valves for use in water- and wastewater-treatment plants.
400563	Ball Valves	01/16	Rubber-seated and plastic ball valves for use in water- and wastewater-treatment plants.
400564	Butterfly Valves	01/16	Rubber-seated and plastic butterfly valves for use in water- and wastewater-treatment plants.
400565.16	Globe Valves	01/16	Globe valves for use in water and wastewater treatment plants.
400565.23	Swing Check Valves	07/16	Swing check valves 3 inches (76 mm) and larger, for use in water and wastewater treatment plants.
400567	Specialized Pressure and Flow-Control Valves	10/16	Pressure-reducing valves (PRV) and pressure-sustaining valves for use in water and wastewater treatment plants.
400567.29	Hose Connection Vacuum Breaker Backflow Preventers	04/15	Hose connection vacuum breaker backflow preventers and accessories.
400571.16	Flap Gates	07/15	Flexible and heavy-duty flap gates for use in wastewater treatment plants.
400578.11	Air Release Valves for Water Service	04/15	Air release valves for process water service.
400578.13	Air/Vacuum Valves for Water Service	07/15	Air release/vacuum breaker valves for use in piping systems in water treatment facilities.
400578.19	Combination Air Valves for Water Service	07/15	Combination air valves for use in piping systems in water treatment facilities.
400578.21	Air Release Valves for Wastewater Service	04/15	Air release valves for process wastewater service.
400578.23	Air/Vacuum Valves for Wastewater Service	07/15	Air release/vacuum breaker valves for use in piping systems in wastewater treatment facilities.
400578.29	Combination Air Valves for Wastewater Service	07/15	Combination air valves for use in piping systems in wastewater treatment facilities.
400581.26	Freeze-Proof Yard Hydrants	01/17	Non-freeze yard hydrant (also referred to as post hydrant) assemblies for installation in irrigation and potable-water systems.
404642	Cathodic Process Corrosion Protection	04/15	Passive cathodic protection for buried metallic process piping, buried metal structures, and buried metal tanks using sacrificial galvanic anodes.
407513	pH/ORP Analyzers	10/14	pH/ORP sensors, analyzers, transmitters, and displays for use in a water or wastewater treatment plant. Testers and field, laboratory, and portable analyzers are included.

DIVISION 43 - PROCESS GAS AND LIQUID HANDLING, PURIFICATION AND STORAGE EQUIPMENT

434111	Bolted Steel Tanks	04/14	Factory-coated bolted-steel tanks for liquid storage.
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