

Total Sections: 572 A=Architectural; S=Structural; C=Civil; L=Landscape; ME=Mechanical/Electrical; \*=Basics Catalog; +=Checklist

<b>Division 00</b>		<b>Introductory Information, Bidding Requirements, and Contract</b>	<b>33 Sections</b>	<b>Catalogs</b>	<b>Updated</b>
00001	Project Title Page	This document is intentionally blank. Add the specifics needed for the project.	ASCLME*	Feb	09
00002	Project Information	++ Project identification; contract type; highlights of bidding requirements.	ASCLME*	Feb	11
00005	Certifications Page	This document is intentionally blank. Add the specifics needed for the project.	ASCLME*	Oct	08
00007	Seals Page	This document is intentionally blank. Add the specifics needed for the project.	ASCLME*	Oct	08
00010	Table of Contents (Masterformat 1995)	Listing of all sections, in Masterformat 1995 order, linked to each appropriate section.	Free	Nov	11
00011	Table of Contents (Masterformat 2004)	Listing of all sections, in Masterformat 2004 order, linked to each appropriate section.	Free	Nov	11
00015	List of Drawings	This document is intentionally blank. Add the specifics needed for the project.	ASCLME*	Oct	08
00020	List of Schedules	This document is intentionally blank. Add the specifics needed for the project.	ASCLME*	Oct	08
00100	Bid Solicitation	Invitation or advertisement for bids; may be letter form or published.	ASCLME*	Mar	09
00200	Instructions to Bidders	Preparing and submitting bids; bid security; conditions of acceptance.	ASCLME*	Sep	11
00205	Instructions to Proposers	Design-Build; competitive RFP for fixed-price "best value" proposal.	ASCLME*	Aug	10
00300	Available Project Information	Identification of documents available elsewhere; e.g. geotechnical reports.	ASCLME*	Feb	09
00400	Procurement Forms and Supplements	Forms relating to competitive bidding process.	ASCLME*	May	10
00410	Bid Form	Form for bidder entry of bid amount, time, alternates, etc.	ASCLME*	Dec	10
00420	Proposal Form	Design-Build; for responding to a formal or informal request for proposal (RFP).	ASCLME*	Aug	10
00430	Supplements to Bid Form	Form for use if none of the standard supplements, A thru I, are appropriate.	ASCLME	Jan	09
00431	Supplement A - List of Subcontractors	Form for bidder entry of subcontractor bids included in bid.	ASCLME	Jan	09
00432	Supplement B - List of Unit Prices	Form for bidder entry of unit prices accompanying a lump sum bid.	ASCLME	Jan	09
00433	Supplement C - List of Alternatives	Form for bidder entry of Add/Deduct amounts.	ASCLME	Jan	09
00434	Supplement D - List of Separate Prices	Form for bidder entry of price of specific items.	ASCLME	Jul	10
00435	Supplement E - Cost Breakdown	Form for bidder entry of cost breakdown.	ASCLME	Jan	09
00436	Supplement F - List of Supplementary Mechanical Information	Form for bidder entry of actual equipment items included in bid.	ASCLME	Jan	09
00437	Supplement G - List of Supplementary Electrical Information	Form for bidder entry of actual equipment items included in bid.	ASCLME	Jan	09
00438	Supplement H - List of Equipment	Form for bidder entry of actual equipment items included in bid.	ASCLME	Jan	09
00439	Supplement I - List of Tax Rebate Items	Form for bidder entry of 1) expected rebate amounts or 2) known rebate items.	ASCLME	Jan	09
00500	Agreement	Cover sheet or placeholder for Agreement prepared separately.	ASCLME*	Feb	11
00570	Contracting Definitions	Definitions relating to Design-Build contracts; types of documents, time periods.	ASCLME*	Feb	09
00590	Contracting Forms and Supplements	Forms relating to contract, after bidding; checklist for contracting documents.	ASCLME*	May	10
00600	Bonds and Certificates	This document is intentionally blank. Add the specifics needed for the project.	ASCLME*	Jan	09
00700	General Conditions	Cover sheet or placeholder for General Conditions prepared separately.	ASCLME*	Jan	09
00800	Supplementary Conditions	Template for modifications to standard forms of General Conditions.	ASCLME*	Jan	09
00910	Addendum Number 1	Addendum template.	ASCLME*	Jan	09
99999	Section Template	For preparing new sections. Section outline with some standard language.	ASCLME*	Oct	11

<b>Division 01</b>		<b>General Requirements</b>	<b>45 Sections</b>	<b>Catalogs</b>	<b>Updated</b>
01100	Summary	Contract description(s); basic project conditions; work not shown on drawings.	ASCLME*	Feb	09
01200	Price and Payment Procedures	Applications for payment, Schedule of Values, modifications, closeout procedures.	ASCLME*	Feb	09
01210	Allowances	Allowances procedures; description of allowances.	ASCLME	Jan	09
01230	Alternatives	Alternatives (alternates) procedures; description of alternatives.	ASCLME	Aug	11
01270	Unit Prices	Unit prices procedures; description of items to be priced or prices to be included.	ASCLME	Nov	11
01300	Administrative Requirements	Submittals, meetings, schedules, reports, coordination, photographs, etc.	ASCLME*	Jun	11
01305	Design Procedures and Substantiation Requirements	For design-build projects; design documentation and substantiation.	ASCLME*	Aug	11
01315	Facility Services Coordination	Major project coordinator; coordination drawings.	ASCLME	Jan	09
01325	Construction Progress Schedule	Detailed schedule requirements (augments Section 01300).	ASCLME	May	10
01354	LEED Credit Summary	++ Pre-2009; for documenting credit intentions; linked to Section 013515 (01355).	ASCLME	Jul	11
01354:BSD1	LEED-NC 2009 Credit Summary	++ For documenting credit intentions; linked to Section 013515 (01355).	ASCLME	Nov	11
01354:BSD2	LEED for Schools 2009 Credit Summary	++ For documenting credit intentions; linked to Section 013515 (01355).	ASCLME	Nov	11
01354:BSD3	LEED-CS 2009 Credit Summary	++ For documenting credit intentions; linked to Section 013515 (01355).	ASCLME	Jul	11
01354:BSD4	LEED-CI 2009 Credit Summary	++ For documenting credit intentions; linked to Section 013515 (01355).	ASCLME	Jul	11
01355	LEED Certification Procedures	Contractor procedures supporting certification; linked to/from the Credit Summaries.	ASCLME	Aug	11
01356	LEED Submittal Forms	Procedural requirements relating to LEED construction contract administration forms.	ASCLME	Jan	09
01357	LEED Material Cost Summary Form	For contractor to document total costs to be used in LEED calculations.	ASCLME	Feb	11
01358	LEED Wood-Containing Product List	For contractor to provide info needed for computing certified wood credit.	ASCLME	Feb	11
01359	LEED Metal-Containing Product List	For collecting information necessary for recycled content credits.	ASCLME	Feb	11
01360	LEED New Product Content Form	For collecting info on recycled, rapidly renewable, and certified wood content.	ASCLME	Aug	11

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01361	LEED New Product Source Form	For collecting info on regionally produced material credits.	ASCLME	Feb 11
01362	LEED Reused Product Form	For collecting info for reused materials credits.	ASCLME	Feb 11
01363	LEED Prohibited Content Installer Certification	For documenting that only low-emission products have been used.	ASCLME	Feb 11
01400	Quality Requirements	Testing, inspection, mock-ups, reports, certificates; use of reference standards.	ASCLME*	Aug 11
01410	Regulatory Requirements	List of regulations applicable to project; for information or as design criteria.	ASCLME*	Aug 09
01422	Definitions	Definitions not specific to other sections and not in the General Conditions.	ASCLME*	Apr 11
01425	Reference Standards	Full title and edition date; use of reference standards (augments Section 014000).	ASCLME	Nov 11
01453	Code-Required Special Inspections	Special inspections required by International Building Code.	ASCLME*	Nov 11
01500	Temporary Facilities and Controls	Requirements not considered the contractor's option; utilities; facilities; services.	ASCLME	Mar 11
01510	Temporary Utilities	Electricity, lighting, heating, cooling, ventilation, and water; more detail than 01 5000.	ASCLME*	Jan 09
01525	Field Offices	Augments Section 01 5000 if more detail is necessary.	ASCLME	Feb 11
01550	Vehicular Access and Parking	Augments Section 01 5000 if more detail is necessary.	ASCLME	Feb 11
01565	Security Measures	Contractor procedures; augments Section 01 5000 (01500) with more detail.	ASCLME	Sep 11
01575	Temporary Erosion and Sedimentation Control	Performance and prescriptive requirements; remedies for non-compliance.	ASCLME	Aug 10
01585	Project Signs	Project identification sign; other optional signs.	ASCLME	Jan 09
01600	Product Requirements	Product options and substitutions; delivery, storage, protection.	ASCLME*	Oct 11
01616	Volatile Organic Compound (VOC) Content Restrictions	VOC restrictions based on LEED and CHPS.	ASCLME	May 11
01617	Accessory Material VOC Content Certification Form	For documenting that no high-VOC accessory materials have been used.	ASCLME	Jan 09
01700	Execution Requirements	Basic installation requirements; cutting/patching; cleaning; starting of systems; etc.	ASCLME*	May 11
01732	Waste Management	Waste management plan; landfill diversion proposals; waste disposal reports.	ASCLME	Aug 11
01734	Indoor Air Quality	Procedures & testing under contractor's control; some LEED issues.	ASCLME	Jul 11
01780	Closeout Submittals	Project record documents; O & M manuals; warranties/bonds.	ASCLME	May 11
01810	Commissioning	++ Scope, objectives, procedures, Contractor's responsibilities.	ASCLME	Aug 11
01815	Commissioning Authority Responsibilities	++ Independent commissioning agent contracted directly to Owner.	ASCLME	Aug 11
01820	Demonstration and Training	Procedures for Owner-personnel demonstration, training; scope list.	ASCLME	Feb 11

**Division 02 Site Construction**

**65 Sections**

**Catalogs Updated**

02115	Removal and Disposal of Underground Storage Tanks	Includes removal of fuel contents and disposal of contaminated soil.	ACME	Jul 11
02225	Demolition	Building, site works, and selective demolition; abandonment of existing utilities.	ASCLME*	May 11
02230	Site Clearing	Vegetation clearing and protection; removal of existing debris and trash.	ASCLME*	Mar 11
02310	Grading	Topsoil removal, rough and finish grading, topsoil placement and grading.	Free	Sep 10
02315	Excavation	Basic excavating for foundations, slabs-on-grade, and building utilities.	ASCL*	Dec 10
02316	Fill and Backfill	Basic filling and backfilling for foundations, slabs-on-grade, and utilities.	ASCL*	Sep 11
02317	Trenching for Site Utilities	Excavating, bedding, and backfilling for site utilities.	ASCLME*	Jul 11
02318	Rock Removal	Mechanical or explosive removal of subsurface rock during excavation.	ASC	Jan 11
02341	Cement Soil Stabilization	Treatment of site subsoil with cement for physical stability prior to construction.	ASC	Jul 11
02343	Lime Soil Stabilization	Treatment of site subsoil with lime for physical stability prior to construction.	ASC	Jul 11
02361	Soil Treatment for Termite Control	Chemical soil treatment to control subterranean termites and other insects.	ASCL*	May 10
02373	Riprap	Loose stone or bagged aggregate for soil stabilization and slope protection.	ASCL	Mar 11
02451	Pile Load Tests	Pile load testing requirements for one or more of the piling sections.	ASC	Nov 10
02456	Concrete-Filled Steel Piles	Concrete-filled steel pipe piles, with or without conical tip, end bearing type.	ASC	Jul 11
02457	Steel Sheet Piles	Permanent earth retaining structures; e.g. caissons, quaywalls, and retaining walls.	ASC	Aug 11
02458	Precast Concrete Piles	Driven prestressed concrete piles, with or without steel points, connecting ends.	ASC	Jul 11
02461	Steel H Piles	Driven H-section steel piles, with protective coating.	ASC	Sep 10
02463	Timber Piles	Douglas fir, Southern Pine; preservative treatment; opt steel tips.	ASC*	Feb 11
02464	Hydraulically Driven Pier Foundations	Helical-plate shafts used as underpinning for existing foundation repair.	ASC	Jul 11
02465	Helical Foundations	Piers and anchors; driven steel shafts with helical plates; foundation repair.	ASCLME*	Jul 11
02466	Auger Cast Grout Piles	Drilled piers; concrete injected thru hollow auger shaft.	ASC	Jul 11
02467	Pressure Injected Footings	Concrete footings, compacted in place to form an expanded bulbous base.	ASC	Sep 10
02468	Drilled Concrete Piers (Caissons)	End bearing and friction type cast-in-place concrete piers in bored shafts.	ASC	Jul 11
02510	Water Distribution	Pipe materials, fittings, and valves for water systems between building and source.	ACLME*	Jul 11
02515	Disinfection of Water Distribution System	Disinfection of domestic site water services, utility supply and water wells.	ACLME	Jan 11
02520	Wells	Drilling a water well, casing and grouting, pump, and accessories.	ACME	Nov 11
02535	Sanitary Sewer Piping	Gravity sanitary drain piping from building to sewer.	ACME*	Jul 11
02540	Septic Tank System	Septic tank, distribution box and filter drainage field system.	ACME*	Jul 11
02551	Site Gas Distribution	Pipe materials, fittings, and valves for natural or propane gas systems.	ACME	Aug 11
02555	Ground-Coupled Heat Exchanger	++ Ground-coupled heat exchangers; polyethylene or copper piping.	ACME	Nov 11
02582	Underground Electrical Ducts and Manholes	Concrete-encased conduit and duct, and concrete manholes.	ACME	Jul 11

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02585	Wood Utility Poles	Wood poles and accessories for overhead site wire services.	ACME	Nov 10
02590	Site Grounding	Grounding grids, loops, and other site-related grounding systems.	ACME	Jan 11
02610	Pipe Culverts	Corrugated steel and concrete pipe culvert and accessories.	ACLME	Jul 11
02620	Subdrainage	Weep tile drainage system, including filter aggregate and filter fabric.	ACLME*	Jul 11
02635	Storm Drainage Piping	Gravity storm drainage from building and from paved and landscaped areas.	ACLME*	Nov 11
02640	Manholes and Covers	Precast, cast-in-place, FRP, and masonry shaft construction and covers.	ASCME	Jul 11
02721	Aggregate Base Course	Aggregate base course for placement under asphalt or concrete pavement.	ACL*	Jul 11
02725	Turf Surfaced Roadways	Infrequent vehicular traffic; gravel base; plastic grid reinforcement; planting.	ACL	May 11
02741	Bituminous Concrete Paving	Bituminous concrete for roads, parking areas, or sidewalks.	ACL*	Apr 11
02751	Portland Cement Concrete Paving	Concrete roads, parking areas, sidewalks, median barriers, integral curbs, gutters.	ACL*	Nov 11
02765	Pavement Markings	++ Lines and symbols for parking lots, roadways, curbs.	ACL	Apr 11
02766	Crosswalk Warning Lights and Signs	In-roadway flashing lights for crosswalks not at intersections with traffic lights.	ASCLME*	Aug 11
02781	Brick Pavers	Clay brick pavers, primarily for exterior use, with various setting methods.	ACL*	Jul 11
02783	Concrete Pavers	Various types of concrete pavers for exterior dry installation on sand bed.	ACL*	Aug 11
02785	Stone Pavers	Marble, granite, or slate pavers for exterior installation on sand bed or mortar bed.	Free	Jul 11
02787	Asphalt Block Pavers	Manufactured asphalt block and plank pavers; asphalt adhesive bed; no subbase.	ACL	Sep 10
02791	Playground Surfacing	Protective surface under outdoor play structures for school, park; CPSC-compliant.	AL	Jul 11
02792	Synthetic Running Track Surfacing	++ Permeable and impermeable; outdoor use.	ACL	Jul 11
02810	Irrigation System	Piped underground system; piping, sprinkler heads, valves, and controls.	ACLME*	Nov 11
02821	Chain Link Fences and Gates	Fence, manually-operated gates; exterior post foundations.	ACL*	Jul 11
02825	Decorative Metal Fences and Gates	Prefinished metal fences; commercial, industrial, high-security applications.	ACL	Sep 11
02832	Segmental Retaining Walls	Modular concrete units; opt geotextile soil reinforcement; opt Contractor engineering.	ACL	Jul 11
02841	Steel Guardrail	Formed steel guardrail on steel or timber posts; for vehicle barriers.	ACL	Jul 11
02843	Parking Bumpers	Precast concrete and wood; also curbs; on asphalt and concrete pavements.	ACL	Oct 11
02871	Bicycle Racks	++ Outdoor and indoor; many styles.	AL	Jul 11
02872	Bicycle Lockers	++ Outdoor; steel and polyethylene.	AL	Jul 11
02881	Playground Equipment	Outdoor play structures for schools and parks; CPSC and ASTM F1487 compliance.	AL	Jul 11
02921	Seeding	Seeding of lawns; can cover re-seeding.	ACL	Sep 10
02923	Sodding	Sod for lawns, including installation and maintenance until acceptance.	ACL*	Sep 10
02930	Exterior Plants	Trees, bushes, vines, and ground covers; topsoil and soil preparation.	ACL	Nov 11
02935	Plant Maintenance	Maintenance during establishment period or longer; or for renovation.	AL	Mar 11
<b>02941</b>	<b>Factory Fabricated Trellis Panels</b>	<b>Steel frame with welded wire infill; freestanding or wall mounted trellis.</b>	<b>ACL</b>	<b>NEW</b>
02967	Bituminous Concrete Removing and Recycling	Milling or heating and removing, remixing, and replacing existing asphaltic concrete.	AC	Sep 10
02990	Structure Moving	Preparation and relocation of structures and directly associated activities.	ASC	Nov 10

<b>Division 03</b>	<b>Concrete</b>	<b>17 Sections</b>	<b>Catalogs</b>	<b>Updated</b>
03100	Concrete Forms and Accessories	Materials required to form and maintain cast-in-place concrete until stripping.	ASC	May 11
03119	Insulating Concrete Forms	Insulating concrete forms that remain in place as a part of the wall system.	ASC	Aug 11
03200	Concrete Reinforcement	Reinforcing steel and required supports for cast-in-place concrete.	ASC	Aug 11
03300	Cast-in-Place Concrete	In situ concrete for structural building frame, slabs on grade, and other components.	ASCLME*	Nov 11
03351	Concrete Floor Finishes	Densifiers, hardeners, sealers, coatings, slip resistant aggregate, polishing.	AS	Nov 11
03365	Exposed Aggregate Concrete Finish	Aggregate, cement, pigments, cleaning, sealers.	ASL	Aug 11
03371	Shotcrete	Concrete pneumatically-applied; optional reinforcement and surface finishing.	ASCL*	Jul 11
03386	Post-Tensioned Structural Concrete	Post-tensioning of cast-in-place concrete structural framing members and slabs.	AS	Aug 11
03411	Structural Precast Concrete	Plant precast and prestressed concrete framing members.	ASC	Jul 11
03415	Precast Concrete Hollow Core Planks	Plant precast prestressed concrete roof and floor planks, cored for lighter weight.	AS*	Jul 11
03451	Architectural Precast Concrete	Plant cast architecturally finished concrete wall panels.	AS*	Nov 11
03455	Glass-Fiber-Reinforced Concrete	Plant cast, architecturally finished glass fiber reinforced concrete wall units.	A	Aug 11
03470	Tilt-Up Precast Concrete	Site cast concrete wall panels; with supports, anchors, top bearing devices.	ASC*	Jul 11
03505	Self-Leveling Underlayment	Liquid applied, gypsum or cementitious base, installed over interior subfloors.	A	Nov 11
03521	Lightweight Insulating Concrete	Portland cement concrete fill used mainly to achieve sloped roof deck surfaces.	AS	Jul 11
03920	Maintenance of Concrete	Existing concrete cleaning, resurfacing, repair, & strengthening.	ASC	Nov 11
03921	Preparation for Resurfacing Concrete	Preparation of existing concrete pavement for new asphalt or concrete surface.	ASC	Nov 11

<b>Division 04</b>	<b>Masonry</b>	<b>13 Sections</b>	<b>Catalogs</b>	<b>Updated</b>
04065	Mortar and Masonry Grout	Mortar and grout for all masonry work.	ASC	Nov 11
04720	Cast Stone	Cast stone for exterior and interior use.	A	Nov 11
04810	Unit Masonry Assemblies	Most ordinary uses of masonry, including walls or partitions and masonry veneer.	ASCL*	Nov 11

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04811	Single-Wythe Unit Masonry	Loadbearing or non-loadbearing single wythe masonry walls or partitions.	A	Nov 11
04812	Glass Unit Masonry	Plain and decorative designs, reinforcement, joints, and accessories.	A*	Jul 11
04815	Cavity Walls	Concrete masonry, brick, and clay tile units; reinforcement and accessories.	A	Nov 11
04816	Masonry Veneer	Unit masonry for non-loadbearing exterior veneer walls.	A	Nov 11
04817	Adhered Masonry Veneer	Thin brick veneer for interior and exterior applications.	A	Nov 11
04820	Reinforced Unit Masonry Assemblies	Engineered, steel reinforced, structural and load bearing masonry.	ASC	Nov 11
04840	Prefabricated Masonry Panels	Shop fabricated masonry panels of face brick veneer on steel framing.	A	Nov 11
04851	Cut Stone Veneer	Thin stone veneer for exterior and interior walls, attached to structural backup.	A*	Sep 11
04852	Stone Masonry Veneer	Natural stone, set in mortar, for veneer on exterior and interior walls.	A	Nov 11
04900	Masonry Restoration and Cleaning	Water, steam, or chemical cleaning, sand blasting, repointing, and coatings.	A	Jun 11

**Division 05 Metals 13 Sections Catalogs Updated**

05120	Structural Steel	Structural steel framing, anchor bolts, base plates, accessories, and shop finishing.	ASC*	Nov 11
05210	Steel Joists	Structural steel open web joists and joist girders for roof and floor framing.	AS*	Jul 11
05310	Steel Deck	Structural metal deck, for floor and roof applications; SDI specification.	AS*	Sep 11
05400	Cold Formed Metal Framing	++ Steel studs, slotted channels, joists, purlins; structural load-bearing.	AS*	Jul 11
05425	Cold-Formed Steel Trusses	++ Factory-built light gage cold-formed steel floor and roof trusses.	AS*	Aug 11
05500	Metal Fabrications	Shop fabricated metal items of steel or aluminum; not ornamental quality.	ASL*	Nov 11
05510	Metal Stairs	++ Shop-fabricated steel stairs with concrete, metal, grating treads; landings.	AS	Jul 11
05520	Handrails and Railings	++ Pipe and tube railing systems; aluminum or steel; custom fabricated or proprietary.	AL	Nov 11
05531	Gratings and Floor Plates	Metal bar gratings; "checker" plate; pedestrian and light vehicular loads.	AME	Jul 11
05715	Fabricated Spiral Stairs	Steel, cast iron, wood; standard or custom.	A	Feb 11
05720	Ornamental Handrails and Railings	Metal & glass; cable; wall-mounted handrails.	A	Nov 11
05730	Ornamental Formed Metal	Sheet metal & metal composite material (MCM); interior fabrications.	A	Aug 11
05810	Expansion Joint Cover Assemblies	Proprietary products for interior floor, wall, ceiling expansion or control joint covers.	A	Nov 11

**Division 06 Wood and Plastics 15 Sections Catalogs Updated**

06100	Rough Carpentry	++ Wood framing, sheathing, miscellaneous carpentry; checklist for quick scoping.	ASL*	Nov 11
06121	Structural Insulated Panels	++ Plywood or OSB panels laminated to rigid insulation; design checklist.	AS	Nov 11
06131	Heavy Timber Framing	Structural wood framing comprised of components 5 inches minimum thickness.	ASL	Sep 11
06136	Heavy Timber Trusses	Heavy timber truss framing, bolted metal connector plates and split ring connections.	AS	Sep 11
06150	Wood Decking	Structural wood decking of softwood lumber, plywood, or glued laminated lumber.	AS	Sep 11
06171	Wood Chord Metal Joists	Structural joists of wood chords with tubular metal web truss web and steel pins.	AS	Jul 11
06173	Plate Connected Wood Trusses	Shop fabricated wood trusses with wood or steel plate connectors.	AS*	Nov 11
06176	Wood I-Joists	I-shaped, with wood flanges glued to OSB or plywood web.	AS	Aug 11
06181	Glued-Laminated Structural Units	Factory-fabricated structural wood beams, arches, columns, purlins, etc.	ASL	Nov 11
06200	Finish Carpentry	Interior and exterior finished carpentry and woodwork items.	A*	Nov 11
06410	Custom Cabinets	Special fabricated custom design casework of wood or particleboard.	A	May 11
06415	Countertops	Commonly used materials; exotics; laboratory tops.	A	Jul 11
06423	Wood Veneer Faced Paneling	Architectural quality, custom, shop-fabricated wood veneer paneling.	A	Jul 11
06610	Glass Fiber and Resin Fabrications	Custom sized and shaped fiber reinforced epoxy or polyester resin components.	A	Jan 10
06620	Cast Plastic Fabrications	Gel-coated cast plastic "cultured marble."	A*	Nov 11

**Division 07 Thermal and Moisture Protection 50 Sections Catalogs Updated**

07115	Bituminous Dampproofing	Hot and cold applied asphalt and hot applied coal tar bitumen dampproofing.	AL*	Sep 11
07120	Built-Up Bituminous Waterproofing	Hot or cold applied asphalt or hot applied coal tar bitumen waterproofing.	AC	Nov 11
07130	Sheet Waterproofing	Numerous types of sheet membrane waterproofing.	AC*	Nov 11
07140	Fluid-Applied Waterproofing	Rubberized asphalt, synthetic liquid rubber, and cold-applied elastomeric types.	AC	Nov 11
07152	Lead Sheet Waterproofing	Lead sheet waterproofing for concealed installation; protection board.	AC	Jul 11
07161	Metallic Oxide Waterproofing	Coatings applied to interior side of concrete floors and walls below grade.	AC	Jul 11
07162	Crystalline Waterproofing	For concrete; seals by forming crystals in capillary pores; positive or negative side.	AC	Nov 11
07163	Polymer Modified Cement Waterproofing	++ Thick coating; positive or negative side; potable water contact.	A	Nov 11
07170	Bentonite Waterproofing	Panel waterproofing for below grade vertical and horizontal surfaces.	A*	Oct 11
07185	Traffic Membrane	Fluid-applied polyurethane and acrylic coatings.	A	Nov 11
07190	Water Repellents	Transparent, non-glossy sealer for masonry and other porous surfaces.	A	Aug 11
07212	Board and Batt Insulation	Rigid or semi-rigid boards of various types, plus batts and blankets.	A*	Nov 11
07214	Foamed-in-Place Insulation	Foam insulation installed on site by spray, frothing, or pouring.	A	Nov 11
07216	Loose Fill Insulation	Poured granular vermiculite or perlite; polystyrene beads.	A	Nov 11
07217	Blown Insulation	Glass or mineral fiber; cellulose fiber; stays put by gravity.	A	Nov 11

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07218	Sprayed Insulation	Glass fiber; fire-retardant treated cellulose fiber; adheres to surfaces.	A	Nov 11
07240	Exterior Insulation and Finish Systems	++ EIFS finish coating, insulation, drainage layers, water barriers.	A*	Nov 11
07260	Weather Barriers	++ Air barriers, vapor retarders, and water-resistive barriers primarily for exterior walls.	A	Nov 11
07261:CDP2	Rainscreen Weather Barrier with 2-D Drainage	Cosella-Dorcken; dimpled weather-resistive barrier for above grade walls.	ASCLME*	Sep 11
07311	Asphalt Shingles	Mineral granule surfaced asphalt composition shingles.	A*	Nov 11
07313	Wood Shingles and Shakes	Shingles and shakes for installation on sloped wood decks.	A*	Nov 11
07315	Slate Shingles	++ Natural slate roofing shingles, including underlayments and flashings.	A	Nov 11
07316	Metal Shingles	Aluminum, galvanized steel, copper; underlayment; accessories.	A*	Nov 11
07321	Clay Roof Tiles	Clay tile roofing for steep roofs, including underlayment and accessories.	A*	Nov 11
07322	Concrete Roof Tiles	Concrete tile roofing for steep roofs, including underlayment and accessories.	AL*	Nov 11
07410	Metal Wall Panels	Prefinished, formed metal wall panels, liner panels, and insulation, for field assembly.	A*	Nov 11
07411	Preformed Metal Roof Panels	Steel, aluminum; factory-fabricated; structural and architectural.	A*	Nov 11
07415	Factory-Assembled Metal Wall Panels	Inner and outer metal skins and insulation core; prefinished; secondary framing.	A	Nov 11
07431	Metal Composite Material Wall Panels	++ Curtain wall system, rainscreen, or cladding on solid backup.	A	Nov 11
07461	Wood Siding	Wood board and panel siding, including flat and beveled boards and plywood.	A*	Jul 11
07464	Vinyl Siding	Vinyl siding, soffit, and trim; simulated shingles and shakes.	A*	Jul 11
07466	Fiber Cement Siding	Wood fiber cement; lap, panel, shingle panel, individ shingles, sim masonry panels.	A*	Jul 11
07505	Vegetated Roof Components	++ Protection layers, root barriers, drain boards, insulation, soil, plants.	AL	Nov 11
07510	Built-Up Bituminous Roofing	Multi-ply felt roofing with asphalt or coal tar bitumen, including protected membranes.	A*	Aug 11
07530	Elastomeric Membrane Roofing	Single-ply EPDM, neoprene, CPE, CSPE (hypalon); insulation, flashings, ballast.	A*	Aug 11
07540	Thermoplastic Membrane Roofing	++ Single-ply TPO and PVC; insulation, vapor retarder, ballast.	A*	Nov 11
07550	Modified Bituminous Membrane Roofing	SBS and APP membranes, in both conventional and protected applications.	A*	Nov 11
07556	Rubberized Asphalt Roofing	Single-ply rubberized asphalt bitumen sheet roofing in a protected membrane.	A	Nov 11
07570	Coated Foamed Roofing	Sprayed polyurethane foam insulation with a sprayed protective overcoat.	A	Aug 11
07595	Preparation for Re-Roofing	Removal of existing horizontal roof covering in preparation for roof replacement.	A	May 11
07611	Custom Sheet Metal Roofing	Brake formed sheets; flat, standing, battened seam; prefinished or unfinished.	A	Aug 11
07620	Sheet Metal Flashing and Trim	Flashing and trim associated with roofing and waterproofing membranes.	Free	Oct 11
07631	Gutters and Downspouts	Metal and plastic rainwater gutters and downspouts for low rise construction.	A	Nov 11
07710	Manufactured Roof Specialties	Manufactured copings, fascias, gravel stops, and other flashing-related items.	A	May 11
07720	Roof Accessories	++ Factory-fabricated unit roof accessories except linear flashing-related items.	AME	Nov 11
07815	Sprayed-On Fireproofing	Sprayed fire resistive material (SFRM); interior/exterior; assumes UL listing.	AS	Sep 11
07816	Intumescent Fireproofing	Thin-film "paint-like" fire-resistive coating for exposed structural steel.	AS	Nov 11
07825	Board and Blanket Fireproofing	++ Board fireproofing for structural members; board & blanket for ducts.	AS	Sep 11
07840	Firestopping	++ Products for closing openings in fire-rated walls, partitions, and floors.	AME	Jul 11
07900	Joint Sealers	Gunnable and pourable sealants, compressible foam sealers, and gaskets.	ACLME*	Aug 11

**Division 08 Doors and Windows**

**38 Sections**

**Catalogs Updated**

08110	Steel Doors and Frames	++ Hollow steel; flush and stile and rail; SDI & HMMA; fire-, sound-rated.	A*	Nov 11
08115	Steel Door Frames	Hollow steel frames for use without steel doors; fire-rated, non-rated, sound-rated.	A	Nov 11
08120	Aluminum Doors and Frames	Flush and tubular aluminum doors and frames, primarily for interior use.	A	Nov 11
08211	Flush Wood Doors	++ Wood veneer, laminate, hardboard; fire rated, acoustical, lead-lined; louvers.	A*	Jul 11
08212	Stile and Rail Wood Doors	Non-rated; wood panel or glazed; stock and custom.	A*	May 11
08225	Fiberglass Doors and Frames	Heavy duty FRP, for abuse, chemical resistance; fire-rated; FRP & metal frames.	AC	Jul 11
08305	Sliding Glass Doors	Light commercial quality; wood, PVC, or extruded aluminum.	A*	Nov 11
08310	Access Doors and Panels	Metal access door and frame units for walls, ceilings and floors.	A*	Nov 11
08331	Overhead Coiling Doors	Industrial and commercial quality; steel, stainless steel, and aluminum.	A*	Aug 11
08332	Overhead Coiling Grilles	Aluminum, steel, stainless steel, bronze; manual and electric.	A	Oct 11
08334	Coiling Counter Doors	++ Commercial quality; steel, stainless steel, and aluminum.	A	Jul 11
08343	Intensive Care Unit / Critical Care Unit Entrances	++ Slide/swing door, for observ, noise reduct, but swing clear for moving beds, equip.	A	Nov 11
08347	Records Vault Doors	++ Fire resistant or burglary-resistant doors for use at records vaults and file rooms.	A	Nov 11
08351	Accordion Folding Doors	Acoustic and non-acoustic types; vinyl coated fabric; overhead track.	A*	Jul 11
08352	Folding Fire Doors	Horizontal sliding, accordion folding automatic-closing; up to 180 minute UL rating.	A	Sep 11
08360	Overhead Doors	Wood, steel, aluminum overhead sectional doors; manual and electric; glazing.	A*	Aug 11
08385	Double-Acting Traffic Doors	Self-closing; for personnel, cart, forklift traffic; rigid and flexible.	A	Feb 11
08410	Metal-Framed Storefronts	++ Glazed; one-story application; doors, windows, metal infill panels.	A*	Sep 11
08450	All-Glass Entrances and Storefronts	++ Tempered glass with patch and rail fittings; swinging, balanced, sliding doors.	A	Nov 11
08455:AVNTI	Frameless Sliding Glass Doors	Avanti; overhead hung; stainless steel track and hardware.	ASCLME*	Aug 11
08460	Automatic Entrance Doors	Packaged sliding/swinging doors; electric, hydraulic, pneumatic operators; actuators.	A	Nov 11

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08470	Revolving Entrance Doors	Aluminum, stainless steel, bronze; manual and motor assisted.	A	Aug 11
08510	Steel Windows	Hot-rolled steel, commercial; formed steel, light commercial/residential.	A	Jul 11
08520	Aluminum Windows	Extruded aluminum; fixed or operable sash; glass and glazing; hardware; screens.	A*	Sep 11
08550	Wood Windows	High quality, stock residential and commercial quality wood windows.	A*	Aug 11
08561	Tubular Plastic Windows	High and low quality residential and commercial quality PVC windows.	A*	May 11
08585	Security and Detention Windows	Forced entry & ballistic resistant windows; with/without bars; glazing.	A	Nov 11
08620	Unit Skylights	Skylights with a plastic dome and an aluminum perimeter frame.	A*	Nov 11
08625	Tubular Skylights	Residential and commercial reflective tube skylights.	A	Aug 11
08630	Metal-Framed Skylights	Site-assembled aluminum skylight systems; glass and plastic glazing.	A	Nov 11
08710	Door Hardware	Door hardware, thresholds, and gasketing; architect-friendly "sets".	A*	Sep 11
08711:HAGE	Basis of Design Door Hardware - Hager	Hager hardware; complements 08 7110 (08711).	ASCLME*	Nov 11
08800	Glazing	++ Wide range of glass and plastic glazing, using various glazing methods.	A*	Nov 11
08830	Mirrors	Glass and plastic mirrors; various attachment and glazing methods.	A	Jul 11
08871	Safety and Security Glazing Film	Transparent plastic film for new & existing glazing; for safety glazing, blast resistance.	A	Jul 11
08910	Metal-Framed Curtain Wall	Multi-story applications; infill panels, operable sash, sunscreens.	A	Nov 11
08950	Translucent Wall and Roof Assemblies	Factory-assembled panels with aluminum grid core; extruded plastic cellular panels.	A*	Nov 11
08970	Structural Glass Curtain Wall	Suspended tempered glass, manufacturer-engineered.	A	Apr 11

<b>Division 09 Finishes</b>		<b>40 Sections</b>	<b>Catalogs</b>	<b>Updated</b>
09051	Common Work Results for Flooring Preparation	++ Removal of existing floor coverings; concrete testing; preparation.	A	Nov 11
09111	Non-Loadbearing Metal Framing	For partitions, ceilings, exterior non-wind-load-resisting, non-load-bearing walls.	A	Sep 11
09206	Metal Lath	For gypsum and portland cement plaster; furring, ceiling framing, and accessories.	A	Aug 11
09210	Gypsum Plaster	Gypsum plaster interior finish; gypsum lath; trim accessories.	A	Nov 11
09215	Gypsum Veneer Plaster	Interior, maximum 1/4 inch thick; gypsum veneer base; trim accessories.	A	Jul 11
09220	Portland Cement Plaster	Interior and exterior finish; stucco.	A*	Nov 11
09230	Plaster Fabrications	++ Glass-fiber-reinforced gypsum; stock and custom; interior use only.	A	Jul 11
09260	Gypsum Board Assemblies	Gypsum wallboard and other gypsum panel types, wall and ceiling framing, shaft wall.	A*	Nov 11
09300	Tile	Ceramic, quarry, and paver tile for floor, wall, base, and stair tread; setting materials.	Free	Nov 11
09380	Cut Natural Stone Tile	++ Stone tile for floors, walls, counters, showers, stairs.	ASCLME*	Nov 11
09410	Portland Cement Terrazzo	Cementitious, ground and rustic; monolithic, sand cushion, and bonded.	A	Jul 11
09440	Plastic Matrix Terrazzo	Interior, thin, bonded; epoxy, polyacrylate/Portland cement, or polyester matrix.	A	Nov 11
09511	Suspended Acoustical Ceilings	Suspension system; metal grid; mineral fiber, metal-faced, glass fiber panels.	A*	Oct 11
09512	Adhesive Applied Acoustic Ceilings	Mineral fiber acoustic tile ceiling finish.	A	Jul 11
09513	Fabric-Faced Acoustical Ceilings	Fabric-faced, fiberglass suspended acoustical ceilings.	A	Jul 11
09546	Linear Metal Ceiling	Suspended, pre-finished, steel and aluminum ceiling and soffit systems.	A	Jul 11
09547	Integrated Ceiling	Suspension system, metal grid, acoustic panels, integral light fixtures, diffusers, etc.	AME	Jul 11
09548	Luminous Ceiling	Suspension system, metal grid, translucent ceiling panels; painting ceiling cavity.	AME	Jul 11
09625	Resilient Athletic Flooring	Fluid-applied polyurethane; rubber/vinyl sheet; interlocking, non-adhered rubber tile.	A	Aug 11
09629	Cork Flooring	Cork tiles; field-applied finish; optional resilient wall base.	A	Oct 11
09632	Stone Flooring	Interior thin stone; mortar set or thin set; bases, thresholds, treads, risers.	AL	Nov 11
09635	Brick Flooring	Industrial, decorative fired clay, and shale brick; mortar set; interior.	A	Nov 11
09641	Hardwood Flooring - Adhesive Applied	Hardwood strip, plank, and parquet flooring, glued to substrate.	A*	Aug 10
09642	Hardwood Flooring - Nailed	Hardwood strip and plank flooring nailed to the substrate; resilient cushion blocks.	A*	Aug 10
09644	Bamboo Flooring	++ Bamboo plank flooring made in China; accessories.	A	Oct 11
09650	Resilient Flooring	Vinyl, vinyl composition, rubber, linoleum; sheet, tile, base, stair treads, risers.	A*	Aug 11
09670	Fluid-Applied Flooring	Fluid-applied flooring of any type, except ground plastic matrix terrazzo.	A	Nov 11
09672	Resilient Urethane Flooring	Resilient, fluid-applied, polyurethane elastomeric, self-leveling flooring.	A	Jul 11
09680	Carpet	Broadloom carpet; stretched-in and direct-glued; carpet cushion; trim accessories.	A*	Oct 11
09685	Carpet Tile	Carpet tile (modules); fully adhered or loose laid; matching roll carpet.	A*	Oct 11
09720	Wall Covering	Vinyl-coated fabric and rigid vinyl panel wall coverings.	A*	Nov 11
09840	Acoustical Wall Systems	Fabric-covered, site fabricated, minimal seams, concealed framing.	A	Jul 11
09850	Acoustical Panels	Fabric-covered panels; back-mounted to walls or ceiling or as ceiling-hung baffles.	A	Jul 11
09900	Paints and Coatings	++ Paints, stains; on ordinary building surfaces & mechanical & electrical work.	ACLME*	Nov 11
09900:BSD2	Paints and Coatings	Master Painters Institute; paints, stains; for building surfaces, mechanical, electrical.	ACLME*	Nov 11
09910:PRAT	Painting	++ Pratt & Lambert; opaque finishes for normal environments; field application.	ASCLME*	Feb 10
09930:PRAT	Staining and Transparent Finishing	++ Pratt & Lambert; wood finishes; field application.	ASCLME*	Feb 10
09960	High-Performance Coatings	Fluid-applied coatings for durability, chemical resistance, corrosion resistance.	A	Nov 11
09965	Aggregate Wall Surfacing	Spray- and trowel-applied; epoxy, cementitious, or other synthetic matrix.	A	Aug 11

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09972 Concrete and Masonry Coatings Fluid-applied, heavy build, moisture resistant, textured coatings. A Aug 11

**Division 10 Specialties 28 Sections Catalogs Updated**

10100	Visual Display Boards	Chalkboards, markerboards, tackboards; aluminum and wood frames; accessories.	A	Jul 11
10121	Tackable Wall Systems	Fabric-covered, site fabricated, minimal fabric seams, concealed framing.	A	Jul 11
10160	Metal Toilet Compartments	Paint finish, stainless steel, porcelain enamel; floor-, wall-, ceiling-mounted.	A*	Jul 11
10165	Plastic Laminate Toilet Compartments	High-pressure laminate veneered; floor-, wall-, ceiling-mounted; urinal screens.	A*	Jul 11
10170	Plastic Toilet Compartments	No veneer; floor-, wall-, ceiling-mounted; urinal screens.	A	Jul 11
10191	Cubicle Curtains	Curtains and overhead track; light-duty.	A	Jul 11
10210	Wall Louvers	Operable, fixed, acoustical, vertical blade; with frame; blank-off panels.	AME*	Jul 11
10242	Rooftop Equipment Screens	Aluminum screens for concealing equipment, usually on rooftop.	AME	Jul 11
10260	Wall and Corner Guards	Corner guards, bumper rails, corridor handrails; PVC, stainless steel, wood.	A	Oct 11
10270	Access Flooring	Elevated, modular panels; support system; carpet, resilient, plastic laminate finishes.	A	Jul 11
10305	Manufactured Fireplaces	Steel cabinet fireplaces; chimney; optional doors, screens, and accessories.	A	Nov 11
10350	Flagpoles	Steel, aluminum, stainless steel, bronze, fiberglass; manual, electric; accessories.	AL	Jul 11
10400	Identification Devices	++ Flat and curved accessibility-required signage; other types.	A	Aug 11
10500	Lockers	Steel wardrobe lockers, stock sizes; benches, locks.	A	Jul 11
10523	Fire Extinguishers, Cabinets and Accessories	Fire extinguishers, cabinets, mounting hardware, and fire blankets.	AME	Nov 11
10536	Awnings	Fixed awnings; standard or custom shape; aluminum or steel pipe or tube frames.	A	Jul 11
10551	Mail Chutes	Repair of existing mail chutes only.	A	May 08
10552	Mail Boxes	Multiple mail boxes; interior and exterior.	A	Feb 10
10605	Wire Mesh Partitions	Steel, stainless steel, aluminum; woven or expanded metal; doors, hardware.	A	Jul 11
10616	Demountable Gypsum Board Partitions	Reusable, modular components; doors, frames, insulation, wall covering.	A	Jul 11
10651	Operable Panel Partitions	Folding panel; sliding panel; may be acoustical or fire-rated; manual or electric.	A	Jul 11
10655	Accordion Folding Partitions	Acoustic and non-acoustic type; manual and electric; overhead track and hardware.	A	Aug 11
10660:AVNTI	Full Height Glazed Partition System	Avanti; single and double glazed, aluminum head and base channel.	ASCLME*	Jul 11
10671	Metal Storage Shelving	Four post, case-type, and cantilever style; freestanding or fixed.	A	May 11
10672	Wire Storage Shelving	++ Coated wire closet shelving; associated laminate shelves.	A	Feb 10
10673	Wall Mounted Standards and Shelving	Residential/commercial; optional wood, glass, and laminate shelves.	A	Feb 11
10706	Fixed Sun Screens	Extruded aluminum, horizontal or sloped, attached to structure.	A	Sep 11
10800	Toilet, Bath, and Laundry Accessories	Toilet room, shower and tub, residential bath, and utility room accessories.	A*	Nov 11

**Division 11 Equipment 12 Sections Catalogs Updated**

11131	Projection Screens	++ Front and rear projection screens; wall, ceiling, and frame mounted.	A	Nov 11
11150	Parking Control Equipment	Gates; vehicle detection; ticket, card, coin, or remote controlled access.	AL	Jul 11
11161	Dock Levelers	Loading dock levelers; mechanical vehicle safety restraints.	A	Feb 10
11164	Dock Seals and Shelters	Loading dock seals and shelters for trucks.	A	Feb 10
11165	Dock Bumpers	Rubber, molded or laminated, reinforced; steel frame and joiners, anchor bolts.	A*	Feb 10
11172	Waste Compactors	Not for individual residences; optional discharge container.	A	May 11
11400	Food Service Equipment	General specification requirements; supplements separate equipment list or schedule.	A	Jul 11
11401	Custom Fabricated Food Service Equipment	Fixed, stainless steel furniture and sinks, with minor electrical and gas requirements.	A	Jul 11
11425	Hood and Ventilation Equipment	Grease extracting, grease filter, condensate type; duct connections; fire extinguishing.	AME	Jul 11
11450	Residential Equipment	Residential kitchen and laundry appliances.	A	Aug 10
11490	Gymnasium Equipment	Basketball, wall-mtd exercise equip, anchors for movable equip; wall safety pads.	A	Jul 11
11600	Laboratory Equipment	General specification requirements; supplements equipment schedule.	A	Feb 10

**Division 12 Furnishings 12 Sections Catalogs Updated**

12311	Metal Casework	Factory-fabricated, commercial or institutional quality; countertops; laboratory fittings.	A	Sep 11
12351	Metal Laboratory Casework	Factory-fabricated, commercial or institutional quality steel with laboratory fittings.	A	Nov 11
12352	Wood Laboratory Casework	Factory-fabricated, commercial or institutional quality wood with laboratory fittings.	A	Nov 11
12355	Residential Casework	Factory-fabricated modular particleboard; plastic laminate, wood veneer finish.	A*	Sep 11
12486	Floor Mats	Recessed grilles & gratings; surface or recessed mats, mat frames.	A	Feb 10
<b>12490</b>	<b>Window Shades</b>	<b>Roller shades; manual/motorized.</b>	<b>AME</b>	<b>NEW</b>
12492	Horizontal Louver Blinds	Steel, aluminum, or wood; with lifting cord and cord or wand tilting slats.	A	Nov 10
12493	Vertical Louver Blinds	Manual operation; PVC, aluminum, fabric vanes; optional electric operation.	A	Nov 10
12494	Drapery Track	Formed steel or extruded aluminum; manual or electrically operated; carriers.	A	Jan 11
12615	Fixed Theater Seating	Upholstered and non-upholstered interior seating, one-piece and with folding seats.	A	May 11
12650	Folding Cafeteria Tables	Wall-mounted cafeteria tables and benches.	A	May 10
12661	Telescoping Bleachers	++ Telescoping bleachers with wood, molded plastic, or extruded aluminum seats.	A	Jan 11

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<b>Division 13 Special Construction</b>		<b>33 Sections</b>	<b>Catalogs</b>	<b>Updated</b>
13032	Saunas	Shop-fabricated site-assembled or site-constructed; room enclosure, equipment.	AME*	May 11
13034	Steam Rooms	Shop-fabricated site-assembled or site-constructed; wood finish; equipment.	AME	May 11
13038	Cold Storage Rooms	Modular, prefabricated insulated wall/ceiling panels; optional floor; doors, equipment.	AME	Jul 11
13095	X-Ray Radiation Protection	Medical diagnostic only; sheet lead; view window frames, film transfer cabinets, etc.	A	Nov 11
13096	RFI/EM Shielding	++ Custom, architecturally-integrated shielding.	ASME	Jul 11
13097	Modular RFI/EM Shielded Rooms	++ Free-standing, demountable; manufacturer-designed.	AME	Jul 11
13100	Lightning Protection	NFPA 780-based, UL or LPI; air terminals, conductors, grounding, & bonding.	ME	Jan 11
13110	Cathodic Protection	Passive, underground corrosion protection using sacrificial anodes.	CME	Nov 11
13121	Pre-Engineered Buildings	Standard packaged steel buildings; frame, metal panels, insulation, doors, windows.	ASC*	Oct 11
13130	Tensioned Fabric Structures	Fabric structures supported by rigid structures and cables; design-build specification.	ASCL*	Jul 11
13152	Swimming Pool	Shotcrete, or modular aluminum or fiberglass; accessories.	AME	Feb 10
13171	Hot Tubs	Shop-fabricated site-assembled or site-constructed; decking; equipment.	AME*	Feb 10
13200	Water Storage Tanks	For domestic and fire water; elevated or surface; steel, concrete.	AC	Jul 11
13284	Removal and Disposal of U.S. Federal Toxic Substances	PCBs; other toxic substances regulated under Toxic Substances Control Act (TSCA).	AME	Jan 09
13611	Solar Flat Plate Collectors	Collectors, controls, pumps, valves, chemical treatment.	ME	Jul 11
13630	Photovoltaic Collectors	System requirements; modules and balance of system components.	ACLME	Nov 11
13701	Video Surveillance	Closed circuit television equipment and accessories for security monitoring.	ME	Nov 11
13702	Intrusion Detection System	Detectors and alarm devices and systems to detect intrusion.	ME	Nov 11
13704	Security Access System	Devices and electronic systems for controlling access to buildings.	ME	Aug 11
13801	Electric Controls and Relays	Switches, pushbuttons, relays, timers, counters, control power transformers, panels.	ME	Jan 11
13802	Clock and Program Systems	Systems for announcing and recording time intervals.	ME	Jan 11
13803	Programmable Controllers	Controllers and programming accessories.	ME	Jan 11
13851	Fire Alarm System	Addressable and conventional; NFPA 72; design by specialty contractor.	ME	Nov 11
13910	Fire Protection Basic Materials and Methods	Pipe materials, fittings, and valves normally found in liquid fire protection systems.	ME	Jul 11
13912	Common Motor Requirements for Fire Suppression Equipment	Electric motors and accessories supplied as part of fire suppression equipment.	ME	Feb 11
13914	Vibration and Seismic Controls for Fire Suppression Piping and Equipment	Inertia bases and vibration isolators for equipment; seismic restraints.	ME	Nov 11
13915	Identification for Fire Suppression Piping and Equipment	Field-installed nameplates, labels; piping identification.	ME	Sep 10
13916	Fire Suppression Piping Insulation	Thermal insulation; jackets; accessories.	ME	Nov 11
13920	Fire Pumps	Fire pumps; electric motor and diesel engine drivers; electric jockey pumps; controls.	ME	Nov 10
13925	Fire Suppression Sprinklers	Automatic system; may be designed by a specialist sprinkler company.	ME	Nov 11
13955	Foam-Water Sprinkler and Spray Systems	AFFF foam extinguishing systems for fuel and other hazards.	ME	Nov 11
13966	Total Flooding Extinguishing System	Total flooding extinguishing; NFPA 2001 clean agent or carbon dioxide.	ME	Sep 11
13975	Standpipes and Fire Hoses	Wet or dry standpipes; fire hose cabinets and hose; fire department connection.	ME	Apr 11

<b>Division 14 Conveying Systems</b>		<b>8 Sections</b>	<b>Catalogs</b>	<b>Updated</b>
14100	Dumbwaiters	Drum or traction drive; standard manufactured units; hoistway openings.	A	Jul 11
14201	Passenger Elevators	Geared and gearless electric traction; conventional hydraulic and holeless.	A*	Jan 11
14202	Freight Elevators	Electric and hydraulic "true" freight elevators; standard manufactured units.	A	Oct 11
14271	Custom Elevator Cabs and Hoistway Doors	Supplements Passenger Elevators section - 14 2010 (14201).	A	Jul 11
14281	Elevator Equipment	Augments Sections 14 2010 and 14 2020; for other than packaged elevators.	A	Jul 11
14282	Passenger Elevator Control Systems	Supplements Section 14 2010 (14201); detailed descriptions.	A	Feb 10
14310	Escalators	Standard packaged escalators; glass and solid balustrades; 30 degree incline.	A	Jul 11
14560	Chutes	Gravity chutes for waste, linen, and recyclables.	A	Jul 11

<b>Division 15 Mechanical</b>		<b>90 Sections</b>	<b>Catalogs</b>	<b>Updated</b>
15012	Commissioning of HVAC	Scope, objectives, procedures, Contractor's responsibilities.	AME	Aug 10
15015	HVAC Air Duct Cleaning	++ Duct and equipment cleaning; testing and inspection.	AME	May 10
15065	Motors for Mechanical Equipment	Electric motors and accessories supplied as part of plumbing equipment.	ME*	Apr 11
15066	Common Motor Requirements for HVAC Equipment	Electric motors and accessories normally supplied as part of HVAC equipment.	ME*	Feb 11
15072	Vibration Isolation	Inertia bases and vibration isolators for equipment; seismic restraints.	ME*	Nov 11
15073	Vibration and Seismic Controls for HVAC Piping and Equipment	Inertia bases and vibration isolators for equipment; seismic restraints.	ME*	Nov 11
15075	Mechanical Identification	Field-installed nameplates, labels; piping identification.	ME*	Apr 11
15076	Identification for HVAC Piping and Equipment	Field-installed nameplates, labels; piping identification.	ME*	Jan 11
15082	Piping Insulation	Thermal insulation; jackets; accessories.	ME*	Nov 11

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15083	HVAC Piping Insulation	Thermal insulation; jackets; accessories.	ME*	Nov 11
15084	Equipment Insulation	Thermal insulation; jackets; accessories.	ME*	Nov 11
15085	HVAC Equipment Insulation	Thermal insulation; jackets; accessories.	ME*	Nov 11
15086	Duct Insulation	Thermal and acoustic insulation; jackets; for ducts and air handling devices.	ME*	Aug 11
15122	Piping Expansion Compensation	Fittings and methods; thermal expansion and movement.	ME	Jul 11
15123	Expansion Fittings and Loops for HVAC Piping	Fittings and practices to compensate for thermal expansion and other movement.	ME	Jul 11
15128	Gages and Meters	Fixed measuring devices showing local indication of conditions.	ME	Feb 11
15129	Meters and Gages for HVAC Piping	Fixed measuring devices showing local indication of conditions.	ME	Jul 11
15145	Plumbing Piping	Soil, waste, vent, domestic water, storm water, and natural gas piping; disinfection.	CME*	Nov 11
15146	Plumbing Specialties	Roof and floor drains; cleanouts; hose bibs; hydrants; backflow preventers; etc.	ME*	Nov 11
15182	Hydronic Piping	Heating, glycol, chilled water, condenser water, and engine exhaust piping systems.	ME	Sep 11
15183	Hydronic Specialties	Expansion tanks; air vents; relief valves; strainers; flow indicators; air separators; etc.	ME	Mar 11
15184	Steam and Steam Condensate Piping	Pipe materials, fittings, and valves normally encountered.	ME	Aug 11
15185	Steam and Steam Condensate Specialties	Traps; air vents; tanks; boiler feed units; condensate return pumps; valves; etc.	ME	Nov 11
15186	Refrigerant Piping and Specialties	Piping and piping specialties normally found in built-up refrigerant systems.	ME*	Aug 11
15188	HVAC Pumps	Centrifugal pumps and accessories normally encountered in hydronic systems.	ME	Nov 11
15189	Chemical Water Treatment	Equipment/materials for cleaning and treating HVAC hydronic and steam systems.	ME	Nov 10
15191	Fuel Oil Piping System	Tanks, piping, fittings, pumps, and valves.	CME*	Nov 11
15212	Compressed Air System	Non-medical; pipe and pipe fittings; compressor; equipment.	ME	Jul 11
15214	Medical Gas Systems	The most common medical gas systems and components; specialized outlets.	ME	Jul 11
15410	Plumbing Fixtures	Typical commercial and residential plumbing fixtures and trim.	AME*	Nov 11
15412	Hospital Plumbing Fixtures	Fixtures especially designed for medical and psychiatric facilities.	AME	May 11
15430	Plumbing Equipment	Water heaters; heat exchangers; storage tanks; pumps for plumbing systems.	ME*	Nov 11
15495	Swimming Pool Equipment	Piping and equipment that is normally installed by a single installer.	ME	Jul 11
15512	Cast-Iron Boilers	Packaged boilers, controls, and boiler trim accessories; hot water/steam generation.	ME	May 11
15514	Finned Water-Tube Boilers	Packaged hot water boilers, controls, and accessories.	ME	Jan 11
15516	Steel Water-Tube Boilers	Packaged hot water/steam; power burners; controls; natural gas, propane, fuel oil.	ME	May 11
15518	Fire-Tube Boilers	Oil/gas fire-tube boilers, boiler trim, and connections.	ME	May 11
15519	Electric Boilers	Packaged hot water/steam boilers; controls.	ME	Jan 11
15535	Forced Air Furnaces	Gas, oil, and electric; with optional economizer, humidifiers, air cleaners.	ME*	Nov 11
15542	Direct Fired Air Units	Gas fired make-up air units; integrated air-cooled refrigeration; indoor and outdoor.	ME	May 11
15544	Fuel Fired Unit Heaters	Unit heaters, industrial heaters, duct furnaces, infrared heaters; packaged units.	ME*	Nov 11
15550	Breechings, Chimneys, and Stacks	Built-up and manufactured products; vent dampers; induced draft fans.	ME	Aug 11
15610	Refrigeration Compressors	Packaged compressors; controls and motor starters.	ME	Jan 11
15621	Absorption Water Chillers	Packaged; lithium bromide refrigerant; gas/oil/steam/hot water heat source; controls.	ME	Jul 11
15623	Centrifugal Water Chillers	Packaged centrifugal compressor, water cooled condenser.	ME	Aug 11
15627	Scroll Water Chillers	Packaged, water/air-cooled scroll type; for indoor and outdoor use.	ME	Oct 11
15628	Rotary-Screw Water Chillers	Packaged, water/air-cooled rotary screw type; for indoor and outdoor use.	ME	Oct 11
15629	Modular Water Chillers	Packaged, water/air-cooled modular type; for indoor and outdoor use.	ME	Oct 11
15641	Induced Draft Cooling Towers	Wood, steel, fiberglass; fans, fill, controls; framework, safety railing, ladder.	ME	Jul 11
15642	Forced Draft Cooling Towers	Steel, blow-through; fan, fill, controls; framework, safety railing, ladder.	ME	Jul 11
15643	Ejector Cooling Towers	Packaged, steel, parallel flow, blow-through, water injection process; controls.	ME	Jul 11
15662	Liquid Coolers	Packaged liquid coolers using evaporative cooling; circulating pump; accessories.	ME	Jul 11
15671	Air Cooled Condensing Units	Outdoor; enclosure, refrigerant compressors, condensing coils and fans, controls.	ME*	May 11
15675	Air Cooled Refrigerant Condensers	Packaged condensers, controls, starters, connections.	ME	May 11
15710	Heat Exchangers	Shell and tube type; plate type; common accessories.	ME	Feb 10
15720	Air Handling Units	Modular packaged units; coils, mixing boxes, filters, dampers, humidifiers.	ME	Jan 11
15731	Small Split-System Heating and Cooling	++ Matched indoor/outdoor units; furnace, AC, air-/water-source heat pumps.	ME*	Nov 11
15732	Variable Refrigerant Volume (VRV) HVAC System	Highly efficient heat pump and heat recovery systems; long piping runs possible.	ME	Aug 11
15733:DAIKIN	Basis of Design VRV Equipment - Daikin	Daikin AC VRV Equipment; outdoor/condensers, indoor/evaporators.	ME	Nov 11
15735	Packaged Roof Top Air Conditioning Units	Self-contained; electric cooling; gas, electric, or heat pump heating; controls.	Free	Nov 10
15736	Packaged Terminal Air Conditioning Units	Free standing or through-the-wall; air conditioning and heat pump units; controls.	ME*	Nov 11
15737	Unitary Air Conditioners	Packaged indoor refrigerant units; water cooled or external air cooled condenser.	ME	Jun 11
15738	Computer Room Air Conditioning Units	Floor mounted units specifically designed for computer rooms.	ME	Jun 11
15739	Computer Room AC Units - Unitary Ceiling	Ceiling mounted units specifically designed for computer rooms.	ME	Jun 11
15741	Water-to-Water Heat Pumps	++ Water source heat pumps with refrigerant-to-water condensers and evaporators.	ME	Jul 11
15753	Evaporative Humidifiers	Wetted media humidifiers and evaporative coolers; for installation in equipment.	ME	Nov 10

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15754	Evaporative Pan Humidifiers	Heated pan humidifiers using hot water, steam, or electricity for heat source.	ME	Nov 10
15755	Steam Humidifiers	External steam sources are any steam generating system.	ME	Nov 10
15756	Sprayed Coil Dehumidifiers	Packaged; for central air handling units; optional spray pumps.	ME	Nov 10
15762	Terminal Heat Transfer Units	For hydronic and steam heating systems; electric heaters.	ME	Nov 11
15765	Air Coils	Air system coils; water, glycol/water, steam, and halon; electric heating coils.	ME	Jan 11
15771	Radiant-Heating Electric Cables	Electric; for snow melting, heat tracing, etc.	ME*	Mar 10
15785	Packaged Air-to-Air Energy Recovery Units	Dessicant wheel type.	ME	Jul 11
15810	Ducts	Materials, construction, supports, cleaning; no seismic requirements.	ME*	Nov 11
15820	Duct Accessories	Control, smoke, and fire dampers; access doors, test holes, air turning devices.	ME*	Nov 11
15822	Sound Attenuators	Duct and cross-talk silencers, acoustic housings, duct lagging, acoustical louvers.	ME	Nov 11
15831	Air Curtains	For door and window openings to reduce heating/cooling losses, wind gusts, pests.	ME*	Feb 10
15833	Centrifugal Fans	Backward inclined, forward curved, airfoil, radial, tubular, inline; motors and drives.	ME	Jan 11
15834	Axial Fans	Vaneaxial, tubeaxial, propeller; motors and drives.	ME	Jan 11
15835	Power Ventilators	Roof and wall exhausters; cabinet and ceiling exhaust fans.	ME*	Jan 11
15838	Carbon Monoxide Exhaust Systems	Ductwork, fittings and equipment; complete system.	ME	Aug 11
15840	Air Terminal Units	Constant and variable volume duct units; dual duct units with diffusers; controls.	ME	Feb 11
15850	Air Outlets and Inlets	Roof, wall, floor diffusers; registers, grilles, louvers; louvered penthouses; roof hoods.	ME*	Aug 11
15860	Air Cleaning Devices	Air filters and air cleaning devices.	ME*	Nov 10
15865	Dust Collection Systems	Equipment, ducts, and accessories; complete system.	ME	Aug 11
15924	Analog Control Equipment	All types of devices normally found in a complete pneumatic control system.	ME	Jan 11
15926	Digital Control Equipment	Components and software for a direct digital HVAC control system.	ME	Jan 11
15928	Instruments and Control Elements	Devices normally found in pneumatic, digital, and electric control systems.	ME*	May 11
15940	HVAC Sequence of Operation	To be used for description of overall operation, coordinating all HVAC sections.	ME*	Nov 08
15950	Testing, Adjusting, and Balancing	++ Air and water systems testing, adjusting, and balancing.	ME	May 10

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16051	Overcurrent Protective Device Coordination Study	Performance requirements and short circuit and coordination study.	ME	Jul 11
16060	Grounding and Bonding	Basic materials and methods; for electrical systems, building structure, and piping.	ME	Jul 11
16070	Hangers and Supports	Straps, clamps, steel channel, and fastening hardware for supporting electrical work.	ME	Aug 11
16075	Electrical Identification	Field-installed nameplates, labels, etc., for equipment, wiring and components.	ME*	Jul 11
16095	Minor Electrical Demolition	Removal and abandonment of wiring, conduit, and equipment.	ME	Jan 11
16121	Medium-Voltage Cable	Cable and accessories, for systems rated above 600 volts to 35,000 volts.	ME	Jan 11
16123	Building Wire and Cable	Conductors, cables, wiring connectors, accessories for 600 V and less.	ME*	Jul 11
16125	Undercarpet Cable	Flat conductor cable and fittings for power, communications, and data circuits.	ME*	Jun 11
16127	Manufactured Wiring Assemblies	Prefabricated flexible wiring assemblies for branch circuit distribution.	ME	Jan 11
16131	Conduit	Electrical conduit and tubing, fittings, accessories.	ME*	Aug 11
16132	Surface Raceways	Surface raceway systems, wireway, and wall duct.	ME*	Jul 11
16133	Underfloor Ducts	Underfloor ducts, cellular underfloor raceway, and service fittings.	ME	Nov 11
16134	Cable Trays	The types and sizes of metal cable trays are those included in NEMA VE 1.	ME	Jul 11
16135	Utility Columns	Freestanding indoor utility columns for power, telephone, and data outlets.	ME	Jan 11
16138	Boxes	Wall and ceiling outlet boxes, floor boxes, pull and junction boxes.	ME*	Nov 11
16139	Cabinets and Enclosures	Hinged cover enclosures/cabinets, accessories.	ME*	Jul 11
16140	Wiring Devices	Switches, dimmers, receptacles, floor fittings, access floor boxes.	ME*	Oct 11
16145	Lighting Control Devices	Occupancy sensors, time switches, outdoor photo controls, daylighting controls.	ME	Oct 11
16155	Equipment Wiring	Connections for mechanical, architectural, and other equipment.	ME*	Jan 11
16210	Electrical Utility Services	Equipment public utility requires to be furnished by Owner.	CME*	Apr 11
16215	Electrical Sensing and Measurement	Instrument transformers, switches, relays, transducers, and meters.	ME	Aug 11
16231	Packaged Engine Generators	Complete generator set for emergency and standby power.	ME	Jan 11
16232	Rotary Uninterruptible Power Supply	Converters and frequency changers with energy storage; for computers, etc.	ME	Jan 11
16243	Emergency Power Supply	Small battery and inverter power supply (generally under 10 kVA).	ME	Jan 11
16261	Converters	AC to DC converters, AC frequency changers, and single- to three-phase converters.	ME	Jan 11
16263	Static Uninterruptible Power Supply	Larger than 10 KVA but under 300 KVA.	ME	Jan 11
16271	Pad-Mounted Distribution Transformers	Liquid-filled; dry-type: primary, 2 to 34.5 kV; secondary, 600 V and less.	ME*	Sep 11
16272	Dry Type Transformers	Dry type; enclosed; for lighting and power loads; rated 600 V and less.	Free	May 11
16281	Power Factor Capacitors	Unit capacitors, assemblies, automatically-switched capacitors; 600 volts and less.	ME	Jul 11
16289	Surge Protective Devices	External (field-installed) or internal (factory-installed); 600V and less.	ME	May 11
16311	Overhead Line Materials	Line conductors and accessories for outdoor overhead power distribution.	CME	Jul 11
16341	Switchgear	Switchgear rated 2 kV to 15 kV; air-magnetic and vacuum interrupter circuit breakers.	ME*	Jan 11

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16342	Air Interrupter Switches	Air break type interrupter switches for medium-voltage applications, 34.5 kV and less.	ME	Jan 11
16343	Medium-Voltage Oil Switches	For applications at 34.5 kV and less.	ME	Jan 11
16344	Medium-Voltage Motor Controllers	NEMA Class E2 controllers, rated 6.6kV or less; fused.	ME	May 11
16360	Unit Substations	Secondary unit substations; primary voltage to 34.5 kV; low-voltage secondaries.	ME	Jul 11
16411	Enclosed Circuit Breakers	Molded case circuit breakers; enclosures.	ME*	Apr 11
16412	Enclosed Switches	For use as disconnects in service and distribution systems rated 600 volts and less.	ME*	Apr 11
16413	Enclosed Transfer Switches	Automatic and manual transfer and bypass/isolation switches; 600 volts and less.	ME	Mar 11
16414	Remote Control Switching Devices	Low voltage control of 120 and 277 volt lighting and general purpose branch circuits.	ME	Jan 11
16422	Peak Load Controllers	Standalone controllers that sense power demand; for alarm or load shedding.	ME	Jan 11
16423	Enclosed Motor Controllers	Manual and automatic controllers for AC induction motors.	ME	Apr 11
16424	Motor Control Centers	Enclosures; automatic controllers for AC induction motors; disconnects.	ME	Mar 11
16425	Variable Frequency Controllers	Controllers not furnished as part of equipment controlled.	ME	Mar 11
16426	Enclosed Contactors	For feeders and branch circuits for lighting, heating, and general purpose loads.	ME	Mar 11
16442	Switchboards	Enclosed circuit breaker and fusible switch types; for service and distribution.	ME*	May 11
16443	Panelboards	Distribution, lighting and appliance types; load centers; overcurrent protective devices.	ME*	Apr 11
16451	Feeder and Plug-In Busway	Rated 150 amperes to 5000 amperes, 600 volts and less.	ME	Mar 11
16470	Power Distribution Units	Unit power conditioning equipment for electronic data processing installations.	ME	Jan 11
16491	Fuses	Fuses for use in low voltage power distribution circuits.	ME	Jul 11
16510	Interior Luminaires	Luminaires, emergency lighting units, exit signs, and luminaire accessories.	AME*	Nov 11
16520	Exterior Luminaires	Luminaires, poles, and luminaire accessories.	LME*	Nov 11
16526	Obstruction and Landing Lights	FAA-required building marking; helicopter pad landing lights.	ME	Aug 10
16555	Theatrical Lighting	Lighting fixtures; dimming and control equipment and accessories.	ME	Jan 11
<b>16575:LUT</b>	<b><u>Network Lighting Controls - Lutron</u></b>	<b><u>Lutron digital-network lighting control system.</u></b>	<b><u>ASCLME*</u></b>	<b><u>NEW</u></b>
16710	Structured Telecommunications Cabling and Enclosures	Voice/data; copper/fiber optic; outlets, patch panels, racks, etc.	ME*	Jun 11
16722	Nurse Call System	Annunciator and intercom equipment; call stations; master stations; power supply.	ME	Jan 11
16723	Intercom System	Intercom equipment; master stations; for private interoffice communication.	ME	Feb 10
16781	Television Distribution System	Master antenna (MATV); satellite (SMATV); cable/community antenna (CATV).	ME	Nov 11
16821	Public Address and Music Equipment	Speakers, amplifiers, players, cable; for paging, announcements, background music.	ME	Jan 11