

# MASTERSPEC<sup>®</sup>

## CONSOLIDATED

## TABLE OF CONTENTS

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**ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY**  
Full Length, Short Form, and Outline - Basic and Supplemental

**INTERIORS LIBRARY**  
Full Length, Short Form, and Outline - Basic

**STRUCTURAL/CIVIL/LANDSCAPE LIBRARY**  
Full Length, Short Form, and Outline - Basic and Supplemental

**STRUCTURAL LIBRARY**  
Full Length, Short Form, and Outline - Basic

**SITE CIVIL LIBRARY**  
Full Length, Short Form, and Outline - Basic and Supplemental

**LANDSCAPE ARCHITECTURE LIBRARY**  
Full Length, Short Form, and Outline - Basic

**MECHANICAL/ELECTRICAL LIBRARY**  
Full Length, Short Form, and Outline - Basic and Supplemental

**MECHANICAL LIBRARY**  
Full Length, Short Form, and Outline - Basic and Supplemental

**FIRE PROTECTION LIBRARY**  
Full Length, Short Form, and Outline - Basic

**ELECTRICAL LIBRARY**  
Full Length, Short Form, and Outline - Basic and Supplemental

**ROOFING LIBRARY**  
Full Length, Short Form, and Outline - Basic

**SECURITY & DETENTION LIBRARY**  
Full Length, Short Form, and Outline - Basic

**GENERAL REQUIREMENTS LIBRARY**  
Full Length, Short Form, and Outline - Basic

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Section No.	SECTION TITLE	A/S/C	INT	ROOF	S & D	S/C/L	STR	CIVIL	LAND	M/E	MECH	FP	ELEC	GEN	Issue Date	SECTION DESCRIPTION
<b>DIVISION 1 - GENERAL REQUIREMENTS</b>																
01000	GENERAL REQUIREMENTS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	3/03	Evaluations for all Division 1 Sections.
01100	SUMMARY	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Summary of the Work, Work phases, products ordered in advance, Owner-furnished products, use of premises, and work restrictions.
01125	SUMMARY OF MULTIPLE CONTRACTS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.
01210	ALLOWANCES	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Provisions for allowances.
01230	ALTERNATES	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Provisions for alternates.
01250	CONTRACT MODIFICATION PROCEDURES	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Procedural requirements for changing the Contract.
01270	UNIT PRICES	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Provisions for unit prices.
01290	PAYMENT PROCEDURES	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Administrative requirements for payment.
01310	PROJECT MANAGEMENT AND COORDINATION	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	8/04	Administrative requirements for project meetings and coordination.
01320	CONSTRUCTION PROGRESS DOCUMENTATION	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Contractor's Construction Schedule, Submittals Schedule, and reports.
01322	PHOTOGRAPHIC DOCUMENTATION	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Construction photographs and videotapes.
01330	SUBMITTAL PROCEDURES	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Procedures for submitting Action, Informational, and Delegated-Design Submittals.
01351	SPECIAL PROCEDURES FOR HISTORIC TREATMENT	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	5/02	Storage, temporary protection, and procedures.
* 01352	LEED REQUIREMENTS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	5/06	General requirements and procedures for LEED prerequisites and credits.
01353	SPECIAL PROJECT PROCEDURES FOR DETENTION FACILITIES	Basic			Basic									Basic	11/04	General requirements for detention work including responsibilities of a single-source detention specialist.
01400	QUALITY REQUIREMENTS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Quality-assurance and -control requirements and special inspections.

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Section No.	SECTION TITLE	A/S/C	INT	ROOF	S & D	S/C/L	STR	CIVIL	LAND	M/E	MECH	FP	ELEC	GEN	Issue Date	SECTION DESCRIPTION
01420	REFERENCES	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/05	Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MASTERSPEC.
01500	TEMPORARY FACILITIES AND CONTROLS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Temporary utilities and facilities for support, security, and protection.
01524	CONSTRUCTION WASTE MANAGEMENT	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	2/03	Salvaging, recycling, and disposing of construction waste.
01600	PRODUCT REQUIREMENTS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Administrative and procedural requirements for product selection and handling, warranties, and product substitutions.
01700	EXECUTION REQUIREMENTS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Field engineering, progress cleaning, and general requirements for product installation.
01731	CUTTING AND PATCHING	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Special procedures.
01732	SELECTIVE DEMOLITION	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Demolition and removal of selected portions of buildings and site elements.
01770	CLOSEOUT PROCEDURES	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Administrative and procedural requirements for Contract closeout.
01781	PROJECT RECORD DOCUMENTS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Record Drawings, Specifications, and Product Data.
01782	OPERATION AND MAINTENANCE DATA	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Emergency, operation, and maintenance manuals for products and equipment.
01810	GENERAL COMMISSIONING REQUIREMENTS	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	12/05	Administrative requirements and procedures for commissioning all systems.
* 01815	COMMISSIONING OF HVAC	Basic								Basic	Basic		Basic	Basic	6/06	Administrative requirements and procedures for commissioning HVAC systems.
01820	DEMONSTRATION AND TRAINING	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	11/02	Administrative and procedural requirements for instructing Owner's personnel.

## DIVISION 2 - SITE CONSTRUCTION

02080	PIPED UTILITIES - BASIC MATERIALS AND METHODS	Basic				Basic		Basic	Basic	Basic	Basic				6/04	Basic piping materials and methods.
02085	INTERCEPTORS	Sup				Sup		Basic		Sup	Sup				12/01	Grease, oil, and sediment interceptors for sewerage systems outside the building.
02221	BUILDING DEMOLITION	Basic				Basic	Basic	Basic		Basic	Basic		Basic		5/04	Complete structure removal.
02230	SITE CLEARING	Basic				Basic		Basic	Basic	Basic	Basic		Basic		11/01	Clearing and grubbing, and topsoil removal.
02231	TREE PROTECTION AND TRIMMING	Sup				Sup		Basic	Basic						11/01	Extensive work.
02240	DEWATERING	Basic				Basic		Basic		Basic	Basic	Basic			8/05	Construction dewatering and groundwater controls.
02260	EXCAVATION SUPPORT AND PROTECTION	Basic				Basic	Basic	Basic							8/05	Soldier piles and lagging, sheet piling, and tiebacks.
02300	EARTHWORK	Basic				Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic		2/02	Excavating, filling, and grading.
02361	TERMITE CONTROL	Basic				Basic			Basic						5/02	Control by treatment of soil with termiticides, installation of bait stations to dispense termiticides, and installation of permanent metal mesh barriers.
02455	DRIVEN PILES	Basic				Basic	Basic								8/01	Evaluations for Sections 02456, 02457, 02458, and 02459.

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02456	CONCRETE-FILLED STEEL PILES	Basic				Basic	Basic								8/01	Concrete-filled steel shell and steel pipe piles.
02457	PRESTRESSED CONCRETE PILES	Basic				Basic	Basic								8/01	Solid and hollow, prestressed, precast concrete piles.
02458	STEEL H PILES	Basic				Basic	Basic								8/01	Steel H-section piles and protective coatings.
02459	TIMBER PILES	Basic				Basic	Basic								8/01	Preservative-treated round timber piles.
02466	DRILLED PIERS	Basic				Basic	Basic								8/05	Dry-installed and slurry-displacement-installed types.
02510	WATER DISTRIBUTION	Basic				Basic		Basic	Basic	Basic	Basic	Basic			3/04	Utility service, domestic, and fire-protection water.
02525	WATER SUPPLY WELLS	Sup				Sup		Basic	Basic	Sup	Sup	Basic			3/04	Drilled and driven wells and well pumps.
02530	SANITARY SEWERAGE	Basic				Basic		Basic		Basic	Basic				12/01	Sanitary sewerage and underground structures outside the building.
02532	PACKAGED SEWAGE PUMPING STATIONS	Sup				Sup		Basic		Sup	Sup				3/04	Pump, compressor, tank, and controls.
02540	SEPTIC TANK SYSTEMS	Sup				Sup		Basic		Sup	Sup				12/02	Tank, distribution box, and drainage pipe.
02551	HYDRONIC DISTRIBUTION									Sup	Sup				3/02	Underground piping outside the building.
02552	GROUND-LOOP, HEAT-PUMP PIPING	Basic				Basic		Basic		Basic	Basic				3/03	Horizontal and vertical, direct-buried, ground-loop piping.
02555	STEAM DISTRIBUTION									Sup	Sup				3/02	Underground piping outside the building.
02584	UNDERGROUND DUCTS AND UTILITY STRUCTURES	Sup				Sup		Basic		Sup			Sup		12/03	Manholes, handholes, and underground ducts.
02620	SUBDRAINAGE	Basic				Basic		Basic	Basic	Basic	Basic				3/03	Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas.
02630	STORM DRAINAGE	Basic				Basic		Basic	Basic	Basic	Basic				12/01	Gravity and forced storm piping and underground structures.
02666	POND AND RESERVOIR LINERS	Basic				Basic		Basic	Basic						11/02	Geomembrane liners and covers.
02741	ASPHALT PAVING	Basic				Basic		Basic	Basic	Basic	Basic		Basic		8/05	Paving, overlays, and surface treatments.
02751	CEMENT CONCRETE PAVEMENT	Basic				Basic		Basic	Basic	Basic	Basic		Basic		2/02	General applications.
02764	PAVEMENT JOINT SEALANTS	Basic				Basic		Basic	Basic						5/02	Sealants for concrete and asphalt pavement joints.
02768	DECORATIVE CEMENT CONCRETE PAVEMENT	Sup				Sup		Basic	Basic						8/02	Surface-imprinted, stamped, stencil-patterned, or stained finish concrete pavement.
02780	UNIT PAVERS	Basic				Basic		Basic	Basic						8/03	Brick, asphalt, concrete, and rough stone pavers.
02781	POROUS UNIT PAVING	Sup				Sup		Basic	Basic						8/04	Concrete, grid-type and interlocking type with openings between units.
02791	PLAYGROUND SURFACE SYSTEMS	Sup				Sup			Basic						8/03	Impact-attenuating, protective surface systems designed for use under public playground equipment.
02810	IRRIGATION SYSTEMS	Basic				Basic		Basic	Basic	Basic	Basic				12/05	Heads, pipes, and controls.
02821	CHAIN-LINK FENCES AND GATES	Basic				Basic		Basic	Basic	Basic	Basic		Basic		8/02	Standard chain-link fencing systems.
02822	HIGH-SECURITY CHAIN-LINK FENCES AND GATES	Sup			Basic*	Sup		Basic							8/02	High-security chain-link fencing systems.
02826	ORNAMENTAL METAL FENCES AND GATES	Sup				Sup			Basic						8/05	Manufactured and custom-designed types.
02832	SEGMENTAL RETAINING WALLS	Sup				Sup	Basic	Basic	Basic						8/05	Dry-laid concrete masonry unit walls.

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02870	SITE FURNISHINGS	Sup				Sup			Basic						2/04	Seating, tables, bicycle racks and lockers, trash and ash receptacles, planters, and bollards for outdoor locations.
02881	PLAYGROUND EQUIPMENT AND STRUCTURES	Sup				Sup			Basic						8/03	Public playground equipment.
02920	LAWNS AND GRASSES	Basic				Basic		Basic	Basic						2/06	Seeded, sodded, plugged, and sprigged turf and meadows; planting soils; pesticides; erosion-control materials; turf renovation; and grass paving.
02930	EXTERIOR PLANTS	Basic				Basic		Basic	Basic						2/06	Plants, planting soils, pesticides, tree-stabilization materials, edgings, and tree grates.

### DIVISION 3 - CONCRETE

03300	CAST-IN-PLACE CONCRETE	Basic				Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	8/02	General building and structural applications.
03301	CAST-IN-PLACE CONCRETE (LIMITED APPLICATIONS)	Basic		Basic		Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	8/02	Limited applications for smaller projects.
03331	CAST-IN-PLACE ARCHITECTURAL CONCRETE	Basic				Basic	Basic								8/02	Specially formed, placed, and finished architectural concrete.
03371	SHOTCRETE	Sup				Sup	Basic		Basic						11/03	Pneumatically applied concrete, dry- or wet-mix.
03381	UNBONDED POST-TENSIONED CONCRETE	Basic				Basic	Basic	Basic							11/02	Post-tensioning reinforcement, encapsulated and non-encapsulated.
03410	PLANT-PRECAST STRUCTURAL CONCRETE	Basic		Basic		Basic	Basic	Basic							2/05	Conventional precast structural concrete units.
03450	ARCHITECTURAL PRECAST CONCRETE	Basic				Basic	Basic		Basic						5/04	Precast concrete cladding units, insulated units, and masonry-faced units.
03471	TILT-UP CONCRETE	Basic				Basic	Basic								8/02	Wall panels and insulated sandwich panels.
03491	GLASS FIBER REINFORCED CONCRETE	Basic				Basic	Basic								5/01	Lightweight facing members.
03511	CEMENTITIOUS WOOD-FIBER DECK	Sup		Basic		Sup	Basic								2/03	Monolithic, composite, and insulated composite units.
03521	LIGHTWEIGHT INSULATING CONCRETE	Basic		Basic		Basic	Basic								5/03	Mineral-aggregate and foam types.
03532	CONCRETE FLOOR TOPPING	Basic				Basic									5/02	High-strength special-aggregate concrete floor toppings.
03542	HYDRAULIC-CEMENT-BASED UNDERLAYMENT	Basic	Basic												8/03	Self-leveling, hydraulic-cement-based underlayment.
03930	CONCRETE REHABILITATION	Sup				Sup	Basic	Basic							2/04	Concrete patching, repair, reinforcing, sealing, and crack injection.

### DIVISION 4 - MASONRY

04720	CAST STONE	Basic				Basic	Basic		Basic						11/02	Architectural features, facing, trim, and site accessories.
04810	UNIT MASONRY ASSEMBLIES	Basic	Basic			Basic	Basic		Basic						8/02	General applications, walls, partitions.
04815	GLASS UNIT MASONRY ASSEMBLIES	Basic	Basic			Basic									8/03	Glass block installed with mortar and glass-block grid systems.
04851	DIMENSION STONE CLADDING	Basic				Basic	Basic								2/04	Exterior stone panels.
04860	STONE MASONRY	Basic				Basic			Basic						11/04	Stone laid in mortar.
04900	MASONRY RESTORATION AND CLEANING	Basic				Basic	Basic								8/05	Evaluations for Sections 04901 and 04902.

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04901	CLAY MASONRY RESTORATION AND CLEANING	Basic				Basic	Basic								8/05	Historic and nonhistoric applications for brick and terra cotta.
04902	STONE RESTORATION AND CLEANING	Basic				Basic	Basic								8/05	Historic and nonhistoric applications for stone.
<b>DIVISION 5 - METALS</b>																
05120	STRUCTURAL STEEL	Basic				Basic	Basic								2/01	Framing systems.
05210	STEEL JOISTS	Basic				Basic	Basic								5/03	Standard SJI units.
05310	STEEL DECK	Basic		Basic		Basic	Basic								5/03	Roof, floor, and composite types.
05400	COLD-FORMED METAL FRAMING	Basic				Basic	Basic								8/03	Load-bearing and exterior non-load-bearing wall studs; floor, ceiling, and roof joists; rafters and roof trusses.
05500	METAL FABRICATIONS	Basic	Basic			Basic		Basic	Basic	Basic	Basic	Basic	Basic		2/02	Iron and steel items (not sheet metal).
05511	METAL STAIRS	Basic	Basic			Basic	Basic								2/02	Steel; with pan, plate, and grating treads.
05521	PIPE AND TUBE RAILINGS	Basic	Basic			Basic		Basic	Basic						2/02	Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing.
05530	GRATINGS	Basic	Basic			Basic	Basic								5/02	Metal and glass-fiber-reinforced plastic gratings.
05700	ORNAMENTAL METAL	Basic	Basic			Basic									5/02	Custom fabrications from nonferrous and ferrous metals.
* 05715	FABRICATED SPIRAL STAIRS	Sup	Basic*			Sup									5/06	Steel and aluminum units with center column and radiating treads.
05721	ORNAMENTAL RAILINGS	Basic	Basic			Basic									2/02	Ornamental metal railings assembled from either standard or custom components and shapes. Also included are glass- and plastic-supported railings, and illuminated railings.
05730	ORNAMENTAL FORMED METAL	Basic	Basic			Basic									2/03	Custom sheet metal fabrications; no flashing.
05811	ARCHITECTURAL JOINT SYSTEMS	Basic				Basic									2/04	For building interiors and exteriors and open-air structures.
05910	HISTORIC TREATMENT OF ORNAMENTAL METAL	Sup													5/02	Preservation treatment of historic ornamental metal.
<b>DIVISION 6 - WOOD AND PLASTICS</b>																
06100	ROUGH CARPENTRY	Basic	Basic			Basic	Basic		Basic	Basic	Basic	Basic	Basic		11/03	Wood framing, furring, grounds, nailers, and blocking.
06105	MISCELLANEOUS CARPENTRY	Basic	Basic	Basic											11/03	Minor wood framing, furring, grounds, nailers, blocking, wood trim, and shelving.
06108	EXTERIOR ROUGH CARPENTRY	Basic				Basic	Basic		Basic						2/06	Elevated decks and other exterior wood construction.
* 06130	HEAVY TIMBER CONSTRUCTION	Basic				Basic	Basic		Basic						5/06	Solid timber framing.
* 06150	WOOD DECKING	Basic		Basic		Basic	Basic								5/06	Solid and laminated T & G decking.
06160	SHEATHING	Basic				Basic	Basic								11/03	Roof and wall sheathing (including gypsum sheathing); subflooring, underlayment, and weather-resistant barriers.
06176	METAL-PLATE-CONNECTED WOOD TRUSSES	Basic				Basic	Basic								11/03	Metal-plate-connected members.
* 06185	STRUCTURAL GLUED-LAMINATED TIMBER	Basic				Basic	Basic		Basic						5/06	Glued-laminated structural framing.

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06200	FINISH CARPENTRY	Basic	Basic												8/04	Evaluations for 06201 and 06202.
06201	EXTERIOR FINISH CARPENTRY	Basic													8/04	Exposed and nonstructural.
06202	INTERIOR FINISH CARPENTRY	Basic	Basic												8/04	Exposed and nonstructural.
06401	EXTERIOR ARCHITECTURAL WOODWORK	Basic													5/03	Trim, door frames, shutters, and ornamental items.
06402	INTERIOR ARCHITECTURAL WOODWORK	Basic	Basic												5/03	Trim, cabinets, tops, paneling, stairs, and ornamental items.
06415	STONE COUNTERTOPS	Basic	Basic												8/04	Made from dimension stone slabs.
06420	PANELING	Sup	Basic*												5/03	Board, flush wood, flush plastic-laminate, and stile and rail types.
* 06640	PLASTIC PANELING	Basic	Basic												5/06	Glass-fiber-reinforced plastic paneling.

### DIVISION 7 - THERMAL AND MOISTURE PROTECTION

07115	BITUMINOUS DAMPPROOFING	Basic		Basic		Basic		Basic		Basic					11/04	Hot- and cold-applied dampproofing.
07131	SELF-ADHERING SHEET WATERPROOFING	Basic		Basic		Basic		Basic		Basic					5/04	Self-adhering modified bituminous and adhesive-coated HDPE sheet; drainage panels.
07132	ELASTOMERIC SHEET WATERPROOFING	Basic		Basic		Basic		Basic							5/04	Butyl and EPDM sheet; drainage panels.
07133	THERMOPLASTIC SHEET WATERPROOFING	Basic		Basic		Basic		Basic							5/04	PVC sheet; drainage panels.
07141	COLD FLUID-APPLIED WATERPROOFING	Basic		Basic		Basic		Basic							8/05	Polyurethane, polyester, and latex-rubber types.
07142	HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING	Basic		Basic		Basic		Basic							11/05	Hot, rubberized-asphalt waterproofing for plaza deck and below-grade walls.
07160	CEMENTITIOUS AND REACTIVE WATERPROOFING	Sup		Basic		Sup									5/02	Evaluations for Sections 07161, 07162, and 07163.
07161	MODIFIED CEMENT WATERPROOFING	Sup		Basic		Sup									5/02	Positive- and negative-side cementitious formulations.
07162	CRYSTALLINE WATERPROOFING	Sup		Basic		Sup									5/02	Crystalline formulations.
07163	METAL-OXIDE WATERPROOFING	Sup		Basic		Sup									5/02	Iron-oxide and cement formulations.
07170	BENTONITE WATERPROOFING	Sup		Basic		Sup									8/02	Colloidal clay systems.
07180	TRAFFIC COATINGS	Basic		Basic											8/04	Cold liquid-applied waterproof-barrier coatings.
07190	WATER REPELLENTS	Basic				Basic									11/02	Clear and pigmented penetrating types and film-forming types.
07210	BUILDING INSULATION	Basic													8/03	General building insulation, excluding roofing insulation.
07240	EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS)	Basic													5/05	Evaluations for Sections 07241 and 07243.
07241	POLYMER-BASED EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	Basic													5/05	Composite flexible coating and inner layer of rigid, cellular thermal insulation.
07243	WATER- DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	Basic													5/05	Composite flexible coating and inner layer of extruded-polystyrene board insulation with water drainage.
07270	AIR BARRIERS	Basic													8/04	Evaluations for 07271 and 07272.

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07271	SELF-ADHERING SHEET AIR BARRIERS	Basic													8/04	Vapor-retarding, modified bituminous sheet type.
07272	FLUID-APPLIED MEMBRANE AIR BARRIERS	Basic													8/04	Elastomeric, modified bituminous and synthetic polymer membranes; vapor retarding and vapor permeable types.
* 07311	ASPHALT SHINGLES	Basic		Basic											5/06	Glass-fiber and organic-felt reinforced asphalt shingles.
07313	METAL SHINGLES	Sup		Basic											2/02	For roofing and siding.
07315	SLATE SHINGLES	Sup		Basic											5/01	Natural-slate roof shingles; flashing and accessories.
07317	WOOD SHINGLES AND SHAKES	Basic		Basic											2/01	Shingles and shakes for roofing and siding.
07320	ROOF TILES	Basic		Basic											5/01	Evaluations for Sections 07321 and 07322.
07321	CLAY ROOF TILES	Basic		Basic											5/01	Clay tile roofing.
07322	CONCRETE ROOF TILES	Basic		Basic											5/01	Concrete tile roofing.
* 07411	METAL ROOF PANELS	Basic		Basic											5/06	Factory-formed lap-seam, standing-seam, batten-seam, horizontal-seam and foamed-insulation-core metal roof panels.
07412	METAL WALL PANELS	Basic													2/06	Factory-formed, single-skin, face-fastened metal wall, liner, and soffit panels.
07413	INSULATED-CORE METAL WALL PANELS	Basic													2/06	Factory-formed metal wall panels with foamed- and laminated-insulation cores and honeycomb cores.
07414	METAL PLATE WALL PANELS	Basic													2/06	Factory-formed, aluminum- and copper-plate metal wall panels.
07415	COMPOSITE WALL PANELS	Basic													2/06	Factory-formed, metal-faced composite wall panels with thin thermoplastic cores.
* 07460	SIDING	Basic													5/06	Aluminum, fiber-cement, and vinyl siding and soffit.
07510	BUILT-UP BITUMINOUS ROOFING	Basic		Basic											2/00	Evaluations for Sections 07511 and 07512.
07511	BUILT-UP ASPHALT ROOFING	Basic		Basic											2/00	Hot asphalt systems; insulation.
07512	BUILT-UP COAL-TAR ROOFING	Basic		Basic											2/00	Hot coal-tar systems; insulation.
* 07530	ELASTOMERIC MEMBRANE ROOFING	Basic		Basic											5/06	Evaluations for Sections 07531 and 07532.
* 07531	ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING	Basic		Basic											5/06	Adhered, mechanically fastened, and loosely laid EPDM systems.
* 07532	CHLOROSULFONATE-POLYETHYLENE (CSPE) ROOFING	Basic		Basic											5/06	Adhered, mechanically fastened, and loosely laid CSPE systems.
07540	THERMOPLASTIC MEMBRANE ROOFING	Basic		Basic											2/00	Adhered, mechanically fastened, and loosely laid thermoplastic systems.
07550	MODIFIED BITUMINOUS MEMBRANE ROOFING	Basic		Basic											5/00	Evaluations for Sections 07551, 07552, and 07553.
07551	APP-MODIFIED BITUMINOUS MEMBRANE ROOFING	Basic		Basic											5/00	Atactic polypropylene roofing systems.
07552	SBS-MODIFIED BITUMINOUS MEMBRANE ROOFING	Basic		Basic											5/00	Styrene-butadiene-styrene roofing systems.
07561	FLUID-APPLIED PROTECTED MEMBRANE ROOFING	Sup		Basic											11/05	Ballasted, insulated, hot rubberized-asphalt protected roof membrane.

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07570	COATED FOAMED ROOFING	Sup		Basic											2/05	Sprayed foam roofing, elastomeric coated.
07591	MEMBRANE REROOFING PREPARATION	Basic		Basic											11/00	Preparation for low-slope reroofing - tear-off and re-cover situations.
* 07610	SHEET METAL ROOFING	Basic		Basic											5/06	Custom-fabricated and on-site, roll-formed sheet metal roofing.
07620	SHEET METAL FLASHING AND TRIM	Basic		Basic						Basic	Basic		Basic		11/05	Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets.
07710	MANUFACTURED ROOF SPECIALTIES	Basic		Basic											11/01	Standard products.
07716	ROOF EXPANSION ASSEMBLIES	Sup		Basic											11/03	Factory-fabricated roof expansion joint covers.
07720	ROOF ACCESSORIES	Basic		Basic						Basic	Basic		Basic		11/02	Roof curbs, equipment supports, roof hatches, heat and smoke vents, gravity ventilators, roof supports, and roof walkways.
07811	SPRAYED FIRE-RESISTIVE MATERIALS	Basic				Basic	Basic								5/04	Concealed and exposed cementitious and sprayed fiber; exposed intumescent mastic.
07821	BOARD FIRE PROTECTION	Sup				Sup									2/02	Mineral-fiber and calcium silicate boards.
07841	THROUGH-PENETRATION FIRESTOP SYSTEMS	Basic				Basic				Basic	Basic	Basic	Basic		11/02	Through-penetration firestop systems.
07842	FIRE-RESISTIVE JOINT SYSTEMS	Basic				Basic									11/02	For floor-to-floor, wall-to-wall, floor-to-wall, head-of-wall, and perimeter-floor-to-curtain-wall joints.
07920	JOINT SEALANTS	Basic	Basic	Basic		Basic				Basic	Basic	Basic			5/01	Elastomeric, nonelastomeric, and preformed sealants.

### DIVISION 8 - DOORS AND WINDOWS

08110	STEEL DOORS AND FRAMES	Basic	Basic												2/05	Standard and custom hollow metal units.
08125	INTERIOR ALUMINUM FRAMES	Sup	Basic*												2/03	Frames for interior doors, sidelights, and transoms.
08130	STAINLESS-STEEL DOORS AND FRAMES	Sup													8/02	Stainless-steel units of standard and nonstandard shapes and sizes.
08161	SLIDING METAL FIRE DOORS	Sup	Basic*												5/04	Composite, hollow-metal, and tubular frame types.
08163	SLIDING ALUMINUM-FRAMED GLASS DOORS	Basic													8/02	For exterior and interior locations.
08211	FLUSH WOOD DOORS	Basic	Basic												2/05	Wood-veneer and plastic-laminate-faced units.
* 08212	STILE AND RAIL WOOD DOORS	Basic	Basic												5/06	Stock and custom units including fire-rated doors and frames.
08263	SLIDING WOOD-FRAMED GLASS DOORS	Basic													2/01	For exterior locations.
08311	ACCESS DOORS AND FRAMES	Basic	Basic							Basic	Basic	Basic	Basic		2/04	Wall, ceiling, and floor units.
08322	DETENTION DOORS AND FRAMES	Sup			Basic*										11/04	Hollow-metal detention doors and frames, including swinging and sliding doors.
08331	OVERHEAD COILING DOORS	Basic	Basic												2/06	Galvanized-steel, stainless-steel, and aluminum curtain assemblies.
08334	OVERHEAD COILING GRILLES	Basic	Basic												2/06	Open-curtain and closed-curtain assemblies.
* 08343	ICU/CCU ENTRANCE DOORS	Sup	Basic*												5/06	Manual sliding/swinging entrance assemblies primarily for individual special-care rooms.

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08346	SOUND-CONTROL DOOR ASSEMBLIES	Sup	Basic*												8/02	Swinging steel and wood doors, steel frames, and sound-control seals.
08351	FOLDING DOORS	Basic	Basic												11/05	Accordion and panel folding doors, metal bifold doors, bifold mirror doors, and fire-rated folding doors.
* 08361	SECTIONAL OVERHEAD DOORS	Basic													5/06	Manual and electric garage-type doors with steel, wood, aluminum, and translucent sections.
* 08411	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	Basic	Basic												5/06	Storefront framing, entrance doors, and hardware; and framing for window walls, ribbon walls, and punched openings.
08450	ALL-GLASS ENTRANCES AND STOREFRONTS	Basic	Basic												11/05	All-glass entrance doors and hardware, sidelights, and storefronts.
08460	AUTOMATIC ENTRANCE DOORS	Basic													5/05	Swinging, sliding, and folding units.
08470	REVOLVING ENTRANCE DOORS	Basic													5/02	Standard entrance units.
08510	STEEL WINDOWS	Basic													2/02	Common stock and custom types.
08515	WINDOWS	Basic													8/04	Evaluations for Sections 08520, 08550, and 08561.
08520	ALUMINUM WINDOWS	Basic													8/04	Stock aluminum windows; most standard types.
08550	WOOD WINDOWS	Basic													8/04	Stock wood windows; most standard types.
08561	VINYL WINDOWS	Basic													8/04	Stock vinyl windows; most standard types.
08581	DETENTION WINDOWS	Sup			Basic*										11/05	Windows for applications where persons are forcibly retained.
08582	SECURITY WINDOWS	Sup			Basic*										11/05	Vision and transaction windows that are forced-entry and ballistics resistant.
08592	HISTORIC TREATMENT OF WOOD WINDOWS	Sup													5/02	Cleaning, repair, patching, and replacement of members and window units.
08610	ROOF WINDOWS	Sup		Basic											8/01	Wood, aluminum, and vinyl flat-glass units.
08620	UNIT SKYLIGHTS	Basic		Basic											8/05	Standard factory-assembled units, with or without integral curbs.
08630	METAL-FRAMED SKYLIGHTS	Basic													2/03	Site-assembled aluminum-framed units.
08710	DOOR HARDWARE	Basic	Basic												8/03	For specifying door hardware by using a schedule that names products or indicates BHMA designations.
08712	DOOR HARDWARE (SCHEDULED BY DESCRIBING PRODUCTS)	Sup	Basic*												8/03	For specifying door hardware by using a schedule that includes nonproprietary product descriptions.
08716	AUTOMATIC DOOR OPERATORS	Sup													2/01	Low-energy power operators and low-energy power-open operators that meet accessibility requirements.
08781	DETENTION DOOR HARDWARE	Sup			Basic*										2/06	For swinging and sliding detention doors.
08800	GLAZING	Basic	Basic												2/02	General applications.
08801	SECURITY GLAZING	Sup			Basic*										8/01	Glazing resistant to ballistic attacks, blunt and sharp-tool attacks, thermal stress, chemical threats, wind-borne debris, and airblasts.
08816	DECORATIVE GLASS	Sup	Basic*												5/03	Acid-etched, sandblasted, silk-screened, beveled, patterned, and laminated types.
08830	MIRRORS	Basic	Basic												8/02	Unframed units, wall mounted.

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08840	PLASTIC GLAZING	Sup													11/02	Acrylic and polycarbonate glazing sheets.
* 08911	GLAZED ALUMINUM CURTAIN WALLS	Basic													5/06	Conventionally glazed aluminum curtain walls.
* 08912	STRUCTURAL-SEALANT-GLAZED CURTAIN WALLS	Sup													5/06	2- and 4-sided, structural-sealant-glazed curtain walls.
08950	TRANSLUCENT WALL AND ROOF ASSEMBLIES	Sup													2/03	Evaluations for Sections 08951 and 08952.
08951	STRUCTURED-POLYCARBONATE-PANEL ASSEMBLIES	Sup													2/03	Aluminum-framed assemblies glazed with multiwalled (structured) polycarbonate panels.
08952	FIBERGLASS-SANDWICH-PANEL ASSEMBLIES	Sup													2/03	Assemblies incorporating fiberglass sandwich panels and aluminum frame systems.
* 08960	SLOPED GLAZING ASSEMBLIES	Sup													5/06	Standard and custom systems, mechanically or structural-sealant glazed.

### DIVISION 9 - FINISHES

09111	NON-LOAD-BEARING STEEL FRAMING	Basic	Basic												2/04	Steel framing for gypsum board partitions and ceilings, gypsum plaster, and Portland cement (stucco) plaster.
09210	GYPSUM PLASTER	Basic	Basic												2/02	On gypsum lath and metal lath, furring, and framing.
09215	GYPSUM VENEER PLASTERING	Basic	Basic												8/04	Applied on gypsum base panels, unit masonry, or monolithic concrete.
09220	PORTLAND CEMENT PLASTER	Basic													2/02	Interior and exterior portland cement plaster (stucco); metal lath, furring, and framing.
09250	GYPSUM BOARD	Basic	Basic												2/04	Interior and exterior gypsum board and tile backing panels.
09265	GYPSUM BOARD SHAFT-WALL ASSEMBLIES	Basic													8/04	Fire-resistance-rated vertical shaft and horizontal duct enclosures, including metal framing.
09271	GLASS-REINFORCED GYPSUM FABRICATIONS	Sup	Basic*												11/03	Factory-molded units for interior use.
09310	CERAMIC TILE	Basic	Basic												8/00	Ceramic mosaic, quarry, paver, and wall tile.
09385	DIMENSION STONE TILE	Basic	Basic												11/02	Thin, modular, cut stone units.
09400	TERRAZZO FLOORING	Basic	Basic												11/04	Evaluations for Sections 09401 and 09402.
09401	PORTLAND CEMENT TERRAZZO FLOORING	Basic	Basic												11/04	Poured-in-place portland cement terrazzo and rustic terrazzo flooring, and precast terrazzo units.
09402	RESINOUS MATRIX TERRAZZO FLOORING	Basic	Basic												11/04	Thin-set, epoxy-resin terrazzo flooring and precast terrazzo units.
09511	ACOUSTICAL PANEL CEILINGS	Basic	Basic												5/04	Mineral-base and glass-fiber-base panels with exposed suspension systems.
09512	ACOUSTICAL TILE CEILINGS	Basic	Basic												5/04	Mineral-base tile with concealed suspension systems.
09514	ACOUSTICAL METAL PAN CEILINGS	Basic	Basic												11/04	Lay-in, clip-in, snap-in, and torsion-spring-hinged acoustical metal pans with exposed or concealed suspension systems.
09547	LINEAR METAL CEILINGS	Basic	Basic												11/04	Decorative, strip, linear metal ceilings.
09549	SECURITY CEILING SYSTEMS	Sup			Basic*										11/04	Downward-locking-panel and security-plank systems.

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09580	SUSPENDED DECORATIVE GRIDS	Sup	Basic*												11/04	Open-cell grid, plenum mask ceiling systems.
09621	FLUID-APPLIED SPORTS FLOORING	Sup													8/03	Polyurethane flooring for athletic activity areas.
09622	RESILIENT SPORTS-FLOOR COVERINGS	Sup													5/03	Resilient floor coverings designed for sports-activity areas.
* 09629	CORK FLOORING	Sup	Basic*												5/06	Cork tile, cork engineered tile, and cork rubber tile; cork floating floor system.
09635	BRICK FLOORING	Basic	Basic												2/03	Interior applications only.
09636	CHEMICAL-RESISTANT BRICK FLOORING	Sup													2/03	Chemical-resistant mortars, grouts, and brick.
09638	STONE FLOORING	Basic	Basic			Basic			Basic						11/04	Exterior and interior stone traffic surfaces.
09640	WOOD FLOORING	Basic	Basic												5/03	Solid- and engineered-wood flooring, field and factory-finished.
09642	WOOD SPORTS-FLOOR ASSEMBLIES	Sup	Basic*												5/03	Maple flooring and shock-absorbing subfloor assemblies.
09650	RESILIENT FLOORING	Basic	Basic												5/05	Evaluations for Sections 09651 and 09652.
09651	RESILIENT FLOOR TILE	Basic	Basic												5/05	Solid vinyl, rubber, vinyl composition, and resilient terrazzo floor tiles.
09652	RESILIENT SHEET FLOORING	Basic	Basic												5/05	Vinyl and rubber sheet floor coverings.
09653	RESILIENT WALL BASE AND ACCESSORIES	Basic	Basic												5/05	Resilient base, stair accessories, and molding accessories.
09654	LINOLEUM FLOOR COVERINGS	Sup	Basic*												5/05	Linoleum tile and sheet flooring.
09661	STATIC-CONTROL RESILIENT FLOOR COVERINGS	Sup	Basic*												5/05	Static-dissipative and static-conductive tile and sheet products.
09671	RESINOUS FLOORING	Sup													11/01	Self-leveling slurry and troweled or screeded mortar systems.
09680	CARPET	Basic	Basic												11/03	Tufted and woven commercial carpet and carpet cushion.
09681	CARPET TILE	Basic	Basic												11/03	Modular carpet tile for commercial applications.
* 09720	WALL COVERINGS	Basic	Basic												5/06	Vinyl, textile, and woven glass-fiber wall coverings, and wallpaper.
09751	INTERIOR STONE FACING	Basic	Basic												8/04	Dimension stone facings including trim.
09771	FABRIC-WRAPPED PANELS	Sup	Basic*												8/03	Fabricated tackable or acoustical panels.
09772	STRETCHED-FABRIC WALL SYSTEMS	Sup	Basic*												8/03	Site-upholstered ceiling and wall systems.
09841	ACOUSTICAL WALL PANELS	Basic	Basic												8/03	Spline- and back-mounted units.
09910	PAINTING	Basic	Basic			Basic	Basic		Basic	Basic	Basic	Basic	Basic		2/04	Evaluations for Sections 09911 and 09912.
09911	EXTERIOR PAINTING	Basic				Basic	Basic		Basic	Basic	Basic	Basic	Basic		2/04	Exterior painting.
09912	INTERIOR PAINTING	Basic	Basic			Basic	Basic		Basic	Basic	Basic	Basic	Basic		2/04	Interior painting.
09931	WOOD STAINS AND TRANSPARENT FINISHES	Basic	Basic			Basic			Basic						2/04	For interior and exterior wood.
09945	MULTICOLOR INTERIOR COATINGS	Sup	Basic*												11/03	Spray-applied multicolor speckled finishes.

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09960	HIGH-PERFORMANCE COATINGS	Basic	Basic			Basic	Basic			Basic	Basic		Basic		11/03	Specialty coatings for use on exterior and interior substrates.
09963	ELASTOMERIC COATINGS	Sup													5/01	Acrylic-based, elastomeric coatings for use over concrete, masonry, and stucco.
09967	INTUMESCENT PAINTS	Sup													8/02	Intumescent paint for combustible substrates.
09975	HIGH-TEMPERATURE-RESISTANT COATINGS	Sup				Sup				Sup	Sup				11/03	Coatings for use on steel substrates subject to high temperatures.
09981	CEMENTITIOUS COATINGS	Sup													2/02	Polymer-modified cementitious systems.
09992	PAINTING RESTORATION	Sup													5/02	Repainting existing surfaces to retain historic character of the building. Includes decorative finishes such as stenciling, marbling, and graining.
<b>DIVISION 10 - SPECIALTIES</b>																
* 10101	VISUAL DISPLAY SURFACES	Basic	Basic												5/06	Chalkboards, markerboards, tackboards, sliding units, conference units, and electronic markerboards.
* 10125	DISPLAY CASES	Basic	Basic												5/06	Illuminated and nonilluminated types.
10155	TOILET COMPARTMENTS	Basic	Basic												5/01	Metal, plastic laminate, phenolic-core, and solid-polymer types.
10180	STONE TOILET COMPARTMENTS	Sup	Basic*												5/01	Granite and marble partitions and urinal screens.
10191	CUBICLE CURTAINS AND TRACKS	Sup	Basic*												5/04	Curtain and IV tracks; curtains for cubicles, dressing areas, and tub and shower enclosures.
10200	LOUVERS AND VENTS	Basic								Basic	Basic	Basic			8/05	Fixed and adjustable louvers; wall vents.
10265	IMPACT-RESISTANT WALL PROTECTION	Basic	Basic												5/02	Protection for walls, corners, and door edges.
10270	ACCESS FLOORING	Basic	Basic												5/04	Modular floor panels and support systems.
10350	FLAGPOLES	Basic				Basic			Basic						2/06	Aluminum, bronze, stainless-steel, steel, and fiberglass flagpoles.
10405	BANNERS	Sup	Basic*			Sup			Basic						11/03	Ornamental fabrics with applied graphics for interior and exterior use.
10410	DIRECTORIES	Basic	Basic												5/01	Illuminated and nonilluminated types with changeable message strips or changeable letters.
10431	SIGNAGE	Basic	Basic			Basic			Basic						11/04	Exterior and interior signs, letters, and plaques attached to building.
10436	POST AND PANEL/PYLON SIGNAGE	Basic				Basic			Basic						11/04	Freestanding post and panel signs, and pylon signs.
* 10505	METAL LOCKERS	Basic	Basic												5/06	Standard, heavy-duty, athletic, open-front athletic, and coin-operated types.
* 10506	WOOD LOCKERS	Sup	Basic*												5/06	Wood- and plastic-laminate-faced types.
10520	FIRE PROTECTION SPECIALTIES	Basic	Basic		Basic					Basic	Basic	Basic			5/05	Evaluations for Sections 10522 and 10523.
10522	FIRE EXTINGUISHER CABINETS	Basic	Basic		Basic					Basic	Basic	Basic			5/05	Fire-protection cabinets and security fire-protection cabinets.
10523	FIRE EXTINGUISHERS	Basic	Basic		Basic					Basic	Basic	Basic			5/05	Portable and wheeled fire extinguishers.
10531	AWNINGS	Sup				Sup			Basic						2/04	Fixed and retractable awnings.

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10550	POSTAL SPECIALTIES	Basic	Basic												2/06	Mail receptacles, cluster box units, neighborhood delivery and collection box units, parcel lockers, collection boxes, data distribution boxes, and mail chutes.
10605	WIRE MESH PARTITIONS	Basic	Basic												11/05	Standard- and heavy-duty partitions, ceilings, storage lockers, railing insert panels, and equipment barriers.
10615	DEMOUNTABLE PARTITIONS	Sup	Basic*												2/04	Reusable, demountable site-assembled partitions or factory-assembled, demountable unitized-panel partitions with doors and glazing frames.
10651	OPERABLE PANEL PARTITIONS	Basic	Basic												2/05	Manually and electrically operated partitions; acoustical, fire rated, and glazed panels.
10655	ACCORDION FOLDING PARTITIONS	Basic	Basic												5/03	Acoustically rated, manually and electrically operated, accordion folding partitions, fire rated 1 hour.
10671	METAL STORAGE SHELVING	Sup	Basic*												11/00	Freestanding end-panel-support, post-and-shelf, and post-and-beam types.
10750	TELEPHONE SPECIALTIES	Basic	Basic												2/04	Telephone enclosures and directory storage units.
10801	TOILET AND BATH ACCESSORIES	Basic	Basic												2/03	Standard commercial, institutional, and residential units.
* 10812	DETENTION TOILET ACCESSORIES	Sup			Basic*										5/06	Safety hooks, shelves, combination shelves with safety hooks, and stainless-steel mirrors.
<b>DIVISION 11 - EQUIPMENT</b>																
11005	COMMON MOTOR REQUIREMENTS FOR EQUIPMENT	Basic	Basic		Basic	Basic		Basic							6/05	Universal default values for small and medium, ac motors.
11024	VAULT DOORS AND DAY GATES	Sup													11/05	Vault and file-room doors and gates for protecting records from fire.
11054	LIBRARY STACK SYSTEMS	Sup	Basic*												8/04	Steel bracket, steel four-post, steel tube, steel case, and wood case shelving.
11062	FOLDING AND PORTABLE STAGES	Basic	Basic												2/03	Portable stages, risers, and acoustical shells.
11063	STAGE CURTAINS	Basic	Basic												2/03	Curtain fabrics and tracks.
11132	PROJECTION SCREENS	Basic	Basic												11/05	Front and rear projection screens.
11150	PARKING CONTROL EQUIPMENT	Basic													2/06	Automatic barrier gates, vehicle detectors, traffic controllers, ticket dispensers, access control units, central pay stations, fee computers, and entry and exit equipment.
11160	LOADING DOCK EQUIPMENT	Basic													2/06	Dock bumpers, levelers, lifts, seals, shelters; truck restraints, light communication systems, and transparent-strip door curtains.
11172	WASTE COMPACTORS	Basic													8/03	Commercial, wet- or dry-waste compactor units.
* 11192	DETENTION ENCLOSURES	Sup			Basic*										5/06	Bar-grille and woven-rod-mesh assemblies, and security grilles and vents.
* 11193	DETENTION FURNITURE	Sup			Basic*										5/06	Steel lockers, cabinets, and furniture.
11400	FOODSERVICE EQUIPMENT	Basic	Basic												8/02	Commercial foodservice equipment.

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11451	RESIDENTIAL APPLIANCES	Basic	Basic												2/03	Kitchen and laundry appliances.
11460	UNIT KITCHENS	Basic	Basic												8/01	Standard metal and plastic-laminate types.
11491	GYMNASIUM EQUIPMENT	Basic													5/05	Indoor badminton, basketball, volleyball, and exercise equipment, and safety pads.
11492	GYMNASIUM DIVIDERS	Basic													5/05	Gymnasium divider curtains.
11610	LABORATORY FUME HOODS	Sup	Basic*												11/05	Hoods, hood stands, and work tops for general laboratories.

### DIVISION 12 - FURNISHINGS

12355	INSTITUTIONAL CASEWORK	Sup	Basic*												2/05	Manufactured wood- and plastic-faced units and countertops.
12356	RESIDENTIAL CASEWORK	Basic	Basic												2/03	Manufactured cabinets and countertops.
12360	LABORATORY CASEWORK	Sup	Basic*												5/05	Metal, wood, and plastic laminate units.
12365	HEALTHCARE CASEWORK	Sup	Basic*												8/05	Stainless- and enameled-steel units including countertops, sinks, and accessories.
12484	FLOOR MATS AND FRAMES	Basic	Basic												5/04	Recessed and surface-applied flexible floor mats and frames.
12485	FOOT GRILLES	Basic	Basic												5/04	Rigid treads with various surfaces; recessed metal frames.
12491	HORIZONTAL LOUVER BLINDS	Basic	Basic												11/03	Manually operated and motorized horizontal louver blinds.
12492	VERTICAL LOUVER BLINDS	Basic	Basic												11/03	Manually operated and motorized vertical louver blinds.
12494	ROLLER SHADES	Basic	Basic												2/04	Manually operated and motorized roller shades.
12495	PLEATED SHADES	Sup	Basic*												2/04	Manually operated and motorized Z-pleated and cellular shades.
12497	DRAPERIES AND TRACKS	Basic	Basic												8/03	Draperies and manually operated and motorized drapery tracks.
12610	FIXED AUDIENCE SEATING	Basic	Basic												11/04	Upholstered and unupholstered interior assembly space seating.
12660	TELESCOPING STANDS	Basic													2/03	Standard systems; manual, motorized.
12800	INTERIOR PLANTS AND PLANTERS	Sup	Basic*			Sup			Basic						2/03	Plants, trees, and vines for interior spaces.

### DIVISION 13 - SPECIAL CONSTRUCTION

13038	SAUNAS	Basic	Basic												2/04	Modular and precut saunas, with heaters and accessories.
13041	MODULAR VAULTS	Sup	Basic*												8/01	Factory-formed and field-assembled modular vault panels and vault doors.
13090	RADIATION PROTECTION	Sup													5/01	Medical x-ray and neutron protection.
13100	LIGHTNING PROTECTION							Basic					Basic		12/02	Protection for buildings and site components.
13110	CATHODIC PROTECTION							Sup					Sup		12/02	Passive protection for steel and iron pipes and tanks.
13125	METAL BUILDING SYSTEMS	Basic				Basic	Basic								8/02	Systems consisting of structural framing, roofing and siding panels, and standard components.

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* 13129	PREFABRICATED CONTROL BOOTHS	Basic													5/06	Freestanding, prefabricated steel and aluminum control booths.
13210	ELEVATED WATER-STORAGE TANKS	Sup				Sup		Basic		Sup	Sup	Basic			6/04	Above-ground water storage.
13220	SURFACE WATER-STORAGE TANKS	Sup				Sup		Basic		Sup	Sup	Basic			6/04	Surface-mounted water storage.
13710	PERIMETER SECURITY	Sup			Basic*					Sup			Sup		3/03	Detection devices, controls, and alarms on the site perimeter.
13720	INTRUSION DETECTION	Sup			Basic*					Sup			Sup		3/03	Detection devices, controls, and alarms.
13730	SECURITY ACCESS	Sup			Basic*					Sup			Sup		9/02	Computer controlled, with interface to other facility management systems.
13760	VIDEO SURVEILLANCE	Sup			Basic*					Sup			Sup		3/02	Cameras, monitors, and control equipment.
13810	CLOCK AND PROGRAM CONTROL									Basic			Basic		6/01	Electronic, with master control, analog and digital clocks, and signals.
13832	PLC ELECTRONIC DETENTION MONITORING AND CONTROL SYSTEMS	Sup			Basic*					Sup			Sup		9/04	Monitoring and control of doors, gates, and related items for detention facilities.
13845	LIGHTING CONTROLS									Sup			Sup		9/03	Wired, programmable and manual lighting controls.
13852	DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM									Basic		Basic	Basic		9/05	Systems with addressable initiating devices and conventional or addressable notification appliances.
13853	ZONED (DC LOOP) FIRE-ALARM SYSTEM									Basic		Basic	Basic		9/05	Small systems for buildings relying on zoned fire-alarm concept.
13920	FIRE PUMPS									Basic	Basic	Basic			3/01	Evaluations for Sections 13921, 13922, 13926, and 13927.
13921	ELECTRIC-DRIVE, CENTRIFUGAL FIRE PUMPS									Basic	Basic	Basic			3/01	End-suction and in-line, centrifugal, split case.
13922	DIESEL-DRIVE, CENTRIFUGAL FIRE PUMPS									Basic	Basic	Basic			3/01	End-suction, centrifugal, split case.
13926	ELECTRIC-DRIVE, VERTICAL-TURBINE FIRE PUMPS									Basic	Basic	Basic			3/01	Vertical-turbine pumps, controllers, and accessories.
13927	DIESEL-DRIVE, VERTICAL-TURBINE FIRE PUMPS									Basic	Basic	Basic			3/01	Vertical-turbine pumps, controllers, and accessories.
* 13930	WET-PIPE FIRE-SUPPRESSION SPRINKLERS									Basic	Basic	Basic			6/06	Piping, specialties, valves, and sprinklers for wet-pipe sprinkler systems.
* 13935	DRY-PIPE FIRE-SUPPRESSION SPRINKLERS									Basic	Basic	Basic			6/06	Piping, specialties, valves, and sprinklers for dry-pipe and preaction sprinkler systems.
13955	FOAM FIRE EXTINGUISHING									Sup	Sup	Basic			9/02	Fixed, low-expansion, AFFF systems for flammable-liquid fires.
13967	CLEAN-AGENT EXTINGUISHING SYSTEMS									Sup	Sup	Basic			9/02	Substitute for Halon 1301 systems.
* 13974	FIRE-SUPPRESSION STANDPIPES									Basic	Basic	Basic			6/06	Piping, specialties, valves, hose valves, and hose stations.
<b>DIVISION 14 - CONVEYING SYSTEMS</b>																
14100	DUMBWAITERS	Basic	Basic												5/04	Preengineered, hand and power operated.
14210	ELECTRIC TRACTION ELEVATORS	Basic													5/04	Passenger and service elevators, traction drive, including machine-room-less type.

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14215	ELECTRIC TRACTION FREIGHT ELEVATORS	Sup													5/04	Freight elevators, traction drive, including machine-room-less type.
14240	HYDRAULIC ELEVATORS	Basic													5/04	Passenger and service elevators, direct hydraulic and roped hydraulic units.
14245	HYDRAULIC FREIGHT ELEVATORS	Sup													5/04	Freight elevators, direct hydraulic and roped hydraulic units.
14260	LIMITED-USE/LIMITED-APPLICATION ELEVATORS	Sup													8/04	Preengineered hydraulic and roped-hydraulic units.
14310	ESCALATORS	Basic													5/04	Standard preengineered, high-traffic, and exterior units.
14320	MOVING WALKS	Sup													5/04	Horizontal or inclined pallet- or belt-type units.
14420	WHEELCHAIR LIFTS	Sup													8/05	Vertical and inclined types; and stairway chairlifts.
14560	CHUTES	Basic													2/03	Chutes for trash and laundry.

### DIVISION 15 - MECHANICAL

* 02515	FACILITY FIRE-SUPPRESSION WATER-SERVICE PIPING									Basic	Basic	Basic			6/06	Fire suppression piping and specialties outside the building.
15051	COMMON WORK RESULTS FOR FIRE SUPPRESSION									Basic	Basic	Basic			6/05	Common piping and equipment, materials, and installations.
15052	COMMON WORK RESULTS FOR PLUMBING									Basic	Basic				6/05	Common piping and equipment, materials, and installations.
15053	COMMON WORK RESULTS FOR HVAC									Basic	Basic				6/05	Common piping and equipment, materials, and installations.
15056	COMMON MOTOR REQUIREMENTS FOR FIRE SUPPRESSION EQUIPMENT									Basic	Basic	Basic			6/05	Universal default values for small and medium, ac motors.
15057	COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT									Basic	Basic				6/05	Universal default values for small and medium, ac motors.
15058	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT									Basic	Basic				6/05	Universal default values for small and medium, ac motors.
15061	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT									Basic	Basic				6/05	Single and multiple hangers, framing systems, and stands and supports.
15062	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT									Basic	Basic				6/05	Single and multiple hangers, framing systems, and stands and supports.
15072	VIBRATION AND SEISMIC CONTROLS FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT									Basic	Basic	Basic			12/04	Vibration isolation devices and seismic restraints.
15073	VIBRATION AND SEISMIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT									Basic	Basic				12/04	Vibration isolation devices and seismic restraints.
15074	VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT									Basic	Basic				12/04	Vibration isolation devices and seismic restraints.
15076	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT									Basic	Basic				6/05	Labels, stencils, and tags.
15077	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT									Basic	Basic				6/05	Labels, stencils, and tags.

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15081	FIRE-SUPPRESSION SYSTEMS INSULATION									Basic	Basic	Basic			3/05	Equipment and pipe insulation.
15082	PLUMBING INSULATION									Basic	Basic				3/05	Equipment and pipe insulation.
15083	HVAC INSULATION									Basic	Basic				3/05	Duct, equipment, and pipe insulation.
15111	GENERAL-DUTY VALVES FOR PLUMBING PIPING									Basic	Basic				9/05	Gate, globe, check, butterfly, & ball valves common to multiple systems.
15112	GENERAL-DUTY VALVES FOR HVAC PIPING									Basic	Basic				9/05	Gate, globe, check, butterfly, & ball valves common to multiple systems.
15123	EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING									Basic	Basic				3/05	Expansion joints and loops.
15124	EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING									Basic	Basic				3/05	Expansion joints and loops.
15126	METERS AND GAGES FOR PLUMBING PIPING									Basic	Basic				3/05	Temperature, pressure, and flow.
15127	METERS AND GAGES FOR HVAC PIPING									Basic	Basic				3/05	Temperature, pressure, and flow.
* 15140	DOMESTIC WATER PIPING									Basic	Basic	Basic			6/06	Potable-water distribution within the building.
15145	DOMESTIC WATER PIPING SPECIALTIES									Basic	Basic				12/03	Specialties, valves, and fittings for domestic water piping.
15150	SANITARY WASTE AND VENT PIPING									Basic	Basic				12/02	Soil, waste, and vent piping within the building.
15155	SANITARY WASTE PIPING SPECIALTIES	Basic		Basic						Basic	Basic				6/05	Floor, trench, and channel drains; interceptors; and piping specialties.
15160	STORM DRAINAGE PIPING									Basic	Basic				12/02	Stormwater piping within the building.
15165	STORM DRAINAGE PIPING SPECIALTIES	Basic		Basic						Basic	Basic				6/05	Storm drains, roof drains, catch basins, and piping specialties.
15181	HYDRONIC PIPING									Basic	Basic				6/04	Hot-, chilled-, and condenser-water piping.
15182	STEAM AND CONDENSATE PIPING									Basic	Basic				6/04	LP and HP piping and specialties.
15183	REFRIGERANT PIPING									Basic	Basic				6/04	Piping, specialties, and refrigerant.
15185	HYDRONIC PUMPS									Basic	Basic				6/02	Base mounted and inline; close coupled and separately coupled.
15186	STEAM CONDENSATE PUMPS									Basic	Basic				6/02	Electric-driven and pressure-powered; single and duplex pumps with receivers.
15189	HVAC WATER TREATMENT									Basic	Basic				3/04	Steam boiler feedwater and hot-, chilled-, and condenser-water treatment.
15192	FACILITY FUEL-OIL PIPING									Basic	Basic	Basic			3/05	Transfer and storage equipment and piping.
15195	FACILITY NATURAL-GAS PIPING									Basic	Basic				3/05	Natural gas piping and specialties.
15196	FACILITY LIQUEFIED-PETROLEUM GAS PIPING									Basic	Basic				3/05	LP gas piping, specialties, and storage equipment.
15211	GENERAL-SERVICE COMPRESSED-AIR PIPING									Basic	Basic				9/04	Nonmedical piping, equipment, and accessories.
15214	COMPRESSED-AIR PIPING FOR LABORATORY AND HEALTHCARE FACILITIES									Sup	Sup				12/04	Piping for nonmedical laboratory air, medical air, dental air, instrument air, and medical laboratory air.

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15215	VACUUM PIPING FOR LABORATORY AND HEALTHCARE FACILITIES									Sup	Sup				12/04	Piping for laboratory vacuum, medical surgical vacuum, waste anesthetic gas, dental vacuum, oral evacuation, and healthcare laboratory vacuum.
15216	GAS PIPING FOR LABORATORY AND HEALTHCARE FACILITIES									Sup	Sup				12/04	Piping for CO2, helium, NO2, and O2.
15222	PROCESSED-WATER PIPING									Sup	Sup				3/02	Pipe, fittings, and specialties for deionized, distilled, and reverse osmosis water.
15223	CHEMICAL-WASTE SYSTEMS FOR LABORATORY AND HEALTHCARE FACILITIES									Sup	Sup				6/05	Single- and double-wall piping and specialties, neutralization tanks, and leak detection.
15251	GENERAL-SERVICE PACKAGED AIR COMPRESSORS AND RECEIVERS									Basic	Basic				3/05	Nonmedical air compressors, filters, and dryers.
15253	COMPRESSED-AIR EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES									Sup	Sup				3/05	Compressors, filters, and dryers.
15254	VACUUM EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES									Sup	Sup				3/05	Vacuum pumps and oral evacuation equipment.
15410	PLUMBING FIXTURES	Basic	Basic							Basic	Basic				9/03	Fixtures, carriers, faucets, and trim.
15411	MEDICAL PLUMBING FIXTURES	Basic								Basic	Basic				9/03	Plumbing fixtures for healthcare facilities.
15412	EMERGENCY PLUMBING FIXTURES	Basic								Basic	Basic				12/03	Individual and combination emergency eyewash and shower units.
15413	SECURITY PLUMBING FIXTURES	Sup			Basic*					Sup	Sup				12/03	Detention facility plumbing fixtures.
15415	DRINKING FOUNTAINS AND WATER COOLERS									Basic	Basic				9/03	Electric water coolers and vitreous-china fountains.
15441	DOMESTIC WATER PUMPS									Basic	Basic				9/01	In-line and end-suction pumps.
15444	PACKAGED BOOSTER PUMPS									Sup	Sup				9/01	Water-pressure boosters.
15445	SEWAGE PUMPS									Basic	Basic				9/01	Effluent pumps; automatic, packaged.
15446	SUMP PUMPS									Basic	Basic				9/01	Simplex and duplex packaged units.
15450	POTABLE-WATER STORAGE TANKS									Basic	Basic				6/02	Water storage; compression and diaphragm.
15469	WATER SOFTENERS									Basic	Basic				6/02	Domestic and general use, not treatment.
15471	WATER FILTRATION EQUIPMENT									Basic	Basic				3/03	Separators; and bag, cartridge, carbon, sand, and greensand filters.
15485	ELECTRIC WATER HEATERS									Basic	Basic				12/02	Household and commercial; tankless, instantaneous, and storage types.
15486	FUEL-FIRED WATER HEATERS									Basic	Basic				12/02	Household and commercial; gas and oil fired; instantaneous and storage types.
15487	HEAT EXCHANGERS									Sup	Sup				12/02	Steam and hot-water heat exchangers; instantaneous and storage types.
15510	HEATING BOILERS AND ACCESSORIES									Basic	Basic				3/04	Evaluations for Sections 15512, 15513, 15515, 15518, and 15519.
15512	CAST-IRON BOILERS									Basic	Basic				3/04	HW and steam; gas and oil fired.
15513	CONDENSING BOILERS									Basic	Basic				3/04	Packaged condensing boilers for small applications.

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15515	WATER-TUBE BOILERS									Basic	Basic				6/05	HW and steam; gas and oil fired.
15518	FIRE-TUBE BOILERS									Basic	Basic				3/04	HW and steam; gas and oil fired.
15519	ELECTRIC BOILERS									Basic	Basic				3/04	HW and steam; HP and LP.
15520	FEEDWATER EQUIPMENT									Basic	Basic				6/04	Condensate and vacuum pumps and receivers.
15525	DEAERATORS									Sup	Sup				6/04	Spray, packed column, and package tray.
15530	FURNACES									Basic	Basic				12/04	Gas-, electric-, and oil-fired furnaces.
15541	GAS-FIRED DUCT HEATERS									Basic	Basic				6/04	Gas- and oil-fired units.
15542	GAS-FIRED RADIANT HEATERS									Basic	Basic				6/04	Natural and LP gas units.
15543	FUEL-FIRED UNIT HEATERS									Basic	Basic				6/04	Gas- and oil-fired units.
15550	BREECHINGS, CHIMNEYS, AND STACKS									Basic	Basic	Basic			9/04	Double-wall and refractory-lined breechings and stacks; fabricated breechings.
15555	DRAFT CONTROL DEVICES									Basic	Basic				9/04	Induced-draft fans and barometric dampers.
15561	DIRECT-FIRED H&V UNITS									Basic	Basic				12/01	Gas-fired indoor and outdoor units.
15562	INDIRECT-FIRED H&V UNITS									Basic	Basic				12/01	Gas- and oil-fired indoor and outdoor units.
15620	PACKAGED WATER CHILLERS									Basic	Basic				9/00	Evaluations for Sections 15621, 15622, 15625, and 15626.
* 15621	INDIRECT-FIRED ABSORPTION WATER CHILLERS									Basic	Basic				6/06	Steam and hot-water generated; one and two stage.
15622	DIRECT-FIRED ABSORPTION WATER CHILLERS									Basic	Basic				9/00	Natural gas, LP, and oil fired; water cooled; two stage.
* 15625	CENTRIFUGAL WATER CHILLERS									Basic	Basic				6/06	Hermetic and open; direct and gear drives; water and air cooled.
* 15626	ROTARY-SCREW WATER CHILLERS									Basic	Basic				6/06	Water-cooled, single- and multiple-compressor units; air-cooled indoor and outdoor units.
15627	RECIPROCATING WATER CHILLERS									Basic	Basic				3/05	Water and air cooled.
15629	SCROLL WATER CHILLERS									Basic	Basic				3/05	Water and air cooled.
15635	REFRIGERANT DETECTION AND ALARM									Basic	Basic				9/04	Monitors, alarms, breathing apparatus, and ventilation equipment interlocks.
15640	COOLING TOWERS									Basic	Basic				6/05	Factory-assembled, open- and closed-circuit, induced- and forced-draft, cross- and counter-flow towers.
15663	EVAPORATIVE CONDENSERS									Basic	Basic				12/00	Blow through and counterflow.
15671	CONDENSING UNITS									Basic	Basic				3/02	Air and water cooled.
15672	AIR-COOLED CONDENSERS									Basic	Basic				3/02	Remote forced-air, condenser, and fan units.
15710	HYDRONIC AND STEAM HEAT EXCHANGERS									Basic	Basic				3/03	Steam to water and water to water; shell-and-tube and flat-plate types.
* 15725	MODULAR INDOOR CENTRAL-STATION AIR-HANDLING UNITS									Basic	Basic				6/06	Units consisting of fans, coils, dampers, filters, control devices, and accessories.

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* 15731	PACKAGED TERMINAL AIR CONDITIONERS									Basic	Basic				6/06	Freestanding or through-the-wall; cooling only; heat pump; cooling plus hot-water heating, electric heating, and gas-fired heating.
15732	PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS									Basic	Basic				12/04	Packaged, rooftop HVAC.
15733	ROOFTOP REPLACEMENT-AIR UNITS									Basic	Basic				9/01	Makeup-air heating and cooling units.
* 15734	COMPUTER-ROOM AIR-CONDITIONERS									Basic	Basic				6/06	Floor- and ceiling-mounted console; water and air cooled; electric, hot-water, and steam heat.
15735	SELF-CONTAINED AIR-CONDITIONERS									Basic	Basic				6/05	Packaged cooling, heating, filters, and controls; cabinet suitable for exposed installations.
15738	SPLIT-SYSTEM AIR-CONDITIONING UNITS									Basic	Basic				6/02	Air-distribution equipment separate from refrigeration equipment; cabinet suitable for exposed installations.
15745	WATER-SOURCE HEAT PUMPS									Basic	Basic				3/03	Concealed horizontal and vertical units; vertical-stack, rooftop, exposed-console units; and unit ventilators.
15752	HUMIDIFIERS									Sup	Sup				12/03	Steam and evaporative types.
15755	DEHUMIDIFICATION UNITS									Sup	Sup				12/00	Heat wheels, heat pipes, and desiccant-type dehumidification equipment.
15761	AIR COILS									Basic	Basic				12/03	Water, steam, refrigerant, and electric heat-transfer coils.
15762	UNIT HEATERS									Basic	Basic				6/05	Cabinet and propeller unit heaters, and wall and ceiling heaters.
15763	FAN-COIL UNITS									Basic	Basic				6/03	Hot water, steam, and electric heating; chilled or DX cooling.
15764	CONVECTION HEATING UNITS									Basic	Basic				9/03	Hot water, steam, and electric baseboard and finned-tube radiators and convectors.
15768	UNIT VENTILATORS									Basic	Basic				6/03	Hot water, steam, and electric heating; chilled or DX cooling.
15769	RADIANT HEATING AND COOLING UNITS									Basic	Basic				9/03	Electric and hot water radiant heaters and heating and cooling panels.
15772	RADIANT HEATING PIPING									Basic	Basic				6/04	Embedded pipe and fittings.
15774	RADIANT-HEATING ELECTRIC CABLES									Basic	Basic				6/05	Electric cables for ceilings and floors, snow and ice melting, and freezer-floor frost prevention.
15776	RADIANT-HEATING ELECTRIC PANELS									Basic	Basic				6/05	Factory-fabricated panels.
15777	HEAT TRACING FOR FIRE-SUPPRESSION PIPING									Basic	Basic	Basic			6/05	Electric cables for freeze protection.
15778	HEAT TRACING FOR PLUMBING PIPING									Basic	Basic				6/05	Electric cables for freeze protection and temperature maintenance.
15779	HEAT TRACING FOR HVAC PIPING									Basic	Basic				6/05	Electric cables for freeze protection.
* 15785	AIR-TO-AIR ENERGY RECOVERY EQUIPMENT									Sup	Sup				6/06	Heat exchangers and packaged units.
* 15815	METAL DUCTS									Basic	Basic				6/06	Rectangular and round, single- and double-wall ducts, including hangers and supports.

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* 15816	NONMETAL DUCTS									Basic	Basic				6/06	Fibrous-glass, PVC, and FRP ducts, hangers, and supports.
* 15817	HVAC CASINGS									Basic	Basic				6/06	Factory and field fabricated; single and double wall.
* 15820	DUCT ACCESSORIES									Basic	Basic				6/06	Volume dampers, fire and smoke dampers, vanes, duct silencers, and hardware.
15834	AIR CURTAINS									Basic	Basic				9/02	Fans over entrances with and without heating.
15836	AXIAL FANS									Basic	Basic				9/03	Tubeaxial and vaneaxial fans.
15837	CENTRIFUGAL FANS									Basic	Basic				9/03	BI & FC indoor type; tubular and in-line units.
15838	POWER VENTILATORS									Basic	Basic				9/03	Roof, wall, and ceiling-mounting ventilators.
15840	AIR TERMINAL UNITS									Basic	Basic				12/00	Constant- and variable-volume units.
15855	DIFFUSERS, REGISTERS, AND GRILLES	Basic								Basic	Basic				3/06	Round, rectangular, perforated, and linear diffusers; fixed and adjustable registers and grilles.
15856	INTAKE AND RELIEF VENTILATORS									Basic	Basic				9/01	Unpowered ventilators and louver penthouses.
15861	AIR FILTERS									Basic	Basic				9/02	Disposable, extended surface, roll, activated carbon, HEPA, and electronic.
15870	COMMERCIAL KITCHEN HOODS									Basic	Basic				9/04	Type I and Type II, Standard and Listed hoods.
15890	AIR DUCT CLEANING									Sup	Sup				9/01	Cleaning ducts, plenums, and air outlets and inlets.
15900	HVAC INSTRUMENTATION AND CONTROLS									Basic	Basic				6/03	Electric, electronic, pneumatic, and DDC equipment and devices.
15940	SEQUENCE OF OPERATION									Basic	Basic				6/03	Control sequences for HVAC systems.
15950	TESTING, ADJUSTING, AND BALANCING									Basic	Basic				6/01	HVAC systems.
<b>DIVISION 16 - ELECTRICAL</b>																
16051	COMMON WORK RESULTS FOR ELECTRICAL									Basic			Basic		3/05	Materials and methods common to multiple electrical systems.
16052	COMMON WORK RESULTS FOR COMMUNICATIONS									Basic			Basic		3/05	Materials and methods common to multiple communication systems.
16053	COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND SECURITY									Basic			Basic		3/05	Materials and methods common to multiple electronic safety and security systems.
16055	OVERCURRENT PROTECTIVE DEVICE COORDINATION									Sup			Sup		6/04	Fault-current and protective device coordination studies.
16060	GROUNDING AND BONDING									Basic			Basic		9/03	Methods and materials for grounding systems and equipment.
16073	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS									Basic			Basic		12/04	Hangers, supports, and concrete bases.
16074	VIBRATION AND SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS									Basic			Basic		12/04	Vibration isolation devices and seismic restraints.
16075	ELECTRICAL IDENTIFICATION									Basic			Basic		9/02	Labels, markers, tags, ties, tape, bands, and signs.
16120	CONDUCTORS AND CABLES									Basic			Basic		3/04	Electrical power distribution (600 V and less).
16122	UNDERCARPET CABLES									Basic			Basic		3/04	Power and communication cables.

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16123	CONTROL-VOLTAGE ELECTRICAL POWER CABLES									Basic			Basic		3/06	UTP, optical fiber, and low-voltage control circuit conductors and cables.
16124	MEDIUM-VOLTAGE CABLES									Sup			Sup		6/03	Cable, splices, and terminations.
16130	RACEWAYS AND BOXES									Basic			Basic		6/04	Pull, junction, outlet, and cabinets.
16138	UNDERFLOOR RACEWAYS FOR ELECTRICAL SYSTEMS									Sup			Sup		12/04	Ducts, boxes, fittings, and accessories.
16139	CABLE TRAYS									Basic			Basic		6/04	Ladder, trough, solid-bottom, and channel types.
16140	WIRING DEVICES									Basic			Basic		6/04	Switches, receptacles, lighting-control devices, and plates.
16145	LIGHTING CONTROL DEVICES									Basic			Basic		9/04	Time switches, photoelectric relays, occupancy sensors, and multipole lighting controls.
16211	ELECTRICITY METERING									Basic			Basic		9/02	Energy and demand metering by utility or Owner.
16215	ELECTRICAL POWER MONITORING AND CONTROL									Basic			Basic		12/03	Remote and local monitoring, metering, and control of individual circuits.
16231	PACKAGED ENGINE GENERATORS									Basic			Basic		12/03	Diesel- and gas-engine-driven types.
16264	STATIC UNINTERRUPTIBLE POWER SUPPLY									Basic			Basic		9/02	Units rated 5 to 750 kVA for systems (600 V and less).
16265	CENTRAL BATTERY INVERTERS									Sup			Sup		6/04	AC & DC output types.
16269	VARIABLE FREQUENCY CONTROLLERS									Basic			Basic		6/02	Solid-state, pulse-width modulated.
16271	MEDIUM-VOLTAGE TRANSFORMERS									Sup			Sup		6/03	Transformers (2.4 to 35 kV).
16280	POWER FACTOR CORRECTION CAPACITORS									Sup			Sup		9/02	Capacitors for 600 V and less.
16289	TRANSIENT VOLTAGE SUPPRESSION									Basic			Basic		9/02	TVSS for low-voltage power, control, and communication equipment.
16315	OVERHEAD ELECTRICAL DISTRIBUTION									Sup			Sup		12/02	Medium and secondary voltage (up to 35 kV).
16341	MEDIUM-VOLTAGE SWITCHGEAR									Sup			Sup		12/02	Metal-enclosed interrupter and metal-clad CB type switchgear (up to 34 kV class).
16361	SECONDARY UNIT SUBSTATIONS									Sup			Sup		6/03	Indoor and outdoor units; with liquid-filled or dry-type transformers.
16410	ENCLOSED SWITCHES AND CIRCUIT BREAKERS									Basic			Basic		3/06	Fusible, nonfusible, receptacle, shunt trip, and molded-case switches; molded-case circuit breakers; enclosures.
16415	TRANSFER SWITCHES									Basic			Basic		12/03	Automatic, nonautomatic, and bypass/isolation.
16420	ENCLOSED CONTROLLERS									Basic			Basic		6/02	Manual, magnetic, and solid state.
16430	SWITCHGEAR									Sup			Sup		3/03	Metal-enclosed, circuit-breaker type; 1000V and less.
16435	PARALLELING SWITCHGEAR									Sup			Sup		3/03	Low-voltage type, 1000V and less; medium-voltage type, 5 to 15 kV; for multiple generator operation.
16441	SWITCHBOARDS									Basic			Basic		12/05	Service and distribution switchboards, 600V and less.
16442	PANELBOARDS									Basic			Basic		12/05	Distribution, branch circuit, and TVSS panel boards and load centers.
16443	MOTOR-CONTROL CENTERS									Basic			Basic		6/02	Conventional, modular, freestanding (600 V).

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16450	ENCLOSED BUS ASSEMBLIES									Basic			Basic		9/04	Plug in & feeder (600 V or less).
16461	LOW-VOLTAGE TRANSFORMERS									Basic			Basic		9/04	General purpose and specialty dry type.
16470	POWER DISTRIBUTION UNITS									Sup			Sup		9/04	Voltage regulators, static electronic voltage regulators, and power distribution units.
16491	FUSES									Basic			Basic		3/06	Cartridge type (600 V and less); plug type (125 V and less); fuse adapters; spare-fuse cabinet.
16511	INTERIOR LIGHTING	Basic	Basic							Basic			Basic		6/03	Normal and emergency lighting.
16521	EXTERIOR LIGHTING	Basic				Basic			Basic	Basic			Basic		6/03	Exterior luminaires including poles and standards.
16526	SPORTS LIGHTING									Sup			Sup		6/03	Outdoor lighting for sports fields.
16555	STAGE LIGHTING									Sup			Sup		3/06	Dimmer racks; control console and devices; distribution components; lighting fixtures.
16571	CENTRAL DIMMING CONTROLS									Sup			Sup		12/04	Control network and stations, dimmer cabinets, and dimmers.
16572	MODULAR DIMMING CONTROLS									Sup			Sup		12/04	Manual modular and integrated, multipreset modular dimming controls.
16714	COMMUNICATIONS EQUIPMENT ROOM FITTINGS									Basic			Basic		3/05	Telecommunications mounting equipment, service pathways, and grounding.
16716	COMMUNICATIONS BACKBONE CABLING									Basic			Basic		3/05	Pathways, cables, connecting hardware, and cable identification systems.
16717	COMMUNICATIONS HORIZONTAL CABLING									Basic			Basic		3/05	Pathways, cables, MUTOAs, connecting hardware, and identification and administration systems.
16718	CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY									Basic			Basic		3/05	Cables, connecting hardware, and identification systems.
16722	INTERCOMMUNICATIONS AND PROGRAM SYSTEMS									Basic			Basic		12/05	Manually-switched and microprocessor-switched systems.
16723	EDUCATIONAL INTERCOMMUNICATIONS AND PROGRAM SYSTEMS									Basic			Basic		12/05	Manually and microprocessor-switched systems.
16725	NURSE CALL									Sup			Sup		6/02	Basic visual and audiovisual patient-nurse communication equipment.
16726	PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEMS									Basic			Basic		12/05	Equipment, cabling, and raceways.
16727	SOUND-MASKING EQUIPMENT									Basic			Basic		6/02	Equipment and accessories for acoustical privacy.
16785	MASTER ANTENNA TELEVISION SYSTEM									Basic			Basic		3/02	MATV with options for off-air antennas, CATV, or broadcast satellite service.

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