

# MASTERSPEC®

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### DIVISION 1 - GENERAL REQUIREMENTS

	3/03 01000	GENERAL REQUIREMENTS	Evaluations for all Division 1 Sections.
R	11/02 01100	SUMMARY	Summary of the Work, Work phases, products ordered in advance, Owner-furnished products, use of premises, and work restrictions.
	11/02 01125	SUMMARY OF MULTIPLE CONTRACTS	Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.
	11/02 01210	ALLOWANCES	Provisions for allowances.
	11/02 01230	ALTERNATES	Provisions for alternates.
	11/02 01250	CONTRACT MODIFICATION PROCEDURES	Procedural requirements for changing the Contract.
	11/02 01270	UNIT PRICES	Provisions for unit prices.
	11/02 01290	PAYMENT PROCEDURES	Administrative requirements for payment.
	8/04 01310	PROJECT MANAGEMENT AND COORDINATION	Administrative requirements for project meetings and coordination.
	11/02 01320	CONSTRUCTION PROGRESS DOCUMENTATION	Contractor's Construction Schedule, Submittals Schedule, and reports.
	11/02 01322	PHOTOGRAPHIC DOCUMENTATION	Construction photographs and videotapes.
R	11/02 01330	SUBMITTAL PROCEDURES	Procedures for submitting Action, Informational, and Delegated-Design Submittals.
	5/02 01351	SPECIAL PROCEDURES FOR HISTORIC TREATMENT	Storage, temporary protection, and procedures.
U	5/06 01352	LEED REQUIREMENTS	General requirements and procedures for LEED prerequisites and credits.
	11/04 01353	SPECIAL PROJECT PROCEDURES FOR DETENTION FACILITIES	General requirements for detention work including responsibilities of a single-source detention specialist.
	11/02 01400	QUALITY REQUIREMENTS	Quality-assurance and -control requirements and special inspections.
	11/05 01420	REFERENCES	Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MASTERSPEC.
R	11/02 01500	TEMPORARY FACILITIES AND CONTROLS	Temporary utilities and facilities for support, security, and protection.
R	2/03 01524	CONSTRUCTION WASTE MANAGEMENT	Salvaging, recycling, and disposing of construction waste.
	11/02 01600	PRODUCT REQUIREMENTS	Administrative and procedural requirements for product selection and handling, warranties, and product substitutions.
	11/02 01700	EXECUTION REQUIREMENTS	Field engineering, progress cleaning, and general requirements for product installation.
R	11/02 01731	CUTTING AND PATCHING	Special procedures.
R	11/02 01732	SELECTIVE DEMOLITION	Demolition and removal of selected portions of buildings and site elements.
	11/02 01770	CLOSEOUT PROCEDURES	Administrative and procedural requirements for Contract closeout.
	11/02 01781	PROJECT RECORD DOCUMENTS	Record Drawings, Specifications, and Product Data.
	11/02 01782	OPERATION AND MAINTENANCE DATA	Emergency, operation, and maintenance manuals for products and equipment.
	12/05 01810	GENERAL COMMISSIONING REQUIREMENTS	Administrative requirements and procedures for commissioning all systems.
U	6/06 01815	COMMISSIONING OF HVAC	Administrative requirements and procedures for commissioning HVAC systems.
	11/02 01820	DEMONSTRATION AND TRAINING	Administrative and procedural requirements for instructing Owner's personnel.

### DIVISION 2 - SITE CONSTRUCTION

	6/04 02080	PIPED UTILITIES - BASIC MATERIALS AND METHODS	Basic piping materials and methods.
	12/01 02085	INTERCEPTORS	Grease, oil, and sediment interceptors for sewerage systems outside the building.
	5/04 02221	BUILDING DEMOLITION	Complete structure removal.

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	11/01	02230	SITE CLEARING	Clearing and grubbing, and topsoil removal.
	11/01	02231	TREE PROTECTION AND TRIMMING	Extensive work.
	8/05	02240	DEWATERING	Construction dewatering and groundwater controls.
	8/05	02260	EXCAVATION SUPPORT AND PROTECTION	Soldier piles and lagging, sheet piling, and tiebacks.
	2/02	02300	EARTHWORK	Excavating, filling, and grading.
	5/02	02361	TERMITE CONTROL	Control by treatment of soil with termiticides, installation of bait stations to dispense termiticides, and installation of permanent metal mesh barriers.
	8/01	02455	DRIVEN PILES	Evaluations for Sections 02456, 02457, 02458, and 02459.
	8/01	02456	CONCRETE-FILLED STEEL PILES	Concrete-filled steel shell and steel pipe piles.
	8/01	02457	PRESTRESSED CONCRETE PILES	Solid and hollow, prestressed, precast concrete piles.
	8/01	02458	STEEL H PILES	Steel H-section piles and protective coatings.
	8/01	02459	TIMBER PILES	Preservative-treated round timber piles.
	8/05	02466	DRILLED PIERS	Dry-installed and slurry-displacement-installed types.
	3/04	02510	WATER DISTRIBUTION	Utility service, domestic, and fire-protection water.
	3/04	02525	WATER SUPPLY WELLS	Drilled and driven wells and well pumps.
	12/01	02530	SANITARY SEWERAGE	Sanitary sewerage and underground structures outside the building.
	3/04	02532	PACKAGED SEWAGE PUMPING STATIONS	Pump, compressor, tank, and controls.
	12/02	02540	SEPTIC TANK SYSTEMS	Tank, distribution box, and drainage pipe.
	3/03	02552	GROUND-LOOP, HEAT-PUMP PIPING	Horizontal and vertical, direct-buried, ground-loop piping.
	12/03	02584	UNDERGROUND DUCTS AND UTILITY STRUCTURES	Manholes, handholes, and underground ducts.
	3/03	02620	SUBDRAINAGE	Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas.
	12/01	02630	STORM DRAINAGE	Gravity and forced storm piping and underground structures.
	11/02	02666	POND AND RESERVOIR LINERS	Geomembrane liners and covers.
	8/05	02741	ASPHALT PAVING	Paving, overlays, and surface treatments.
	2/02	02751	CEMENT CONCRETE PAVEMENT	General applications.
	5/02	02764	PAVEMENT JOINT SEALANTS	Sealants for concrete and asphalt pavement joints.
	8/02	02768	DECORATIVE CEMENT CONCRETE PAVEMENT	Surface-imprinted, stamped, stencil-patterned, or stained finish concrete pavement.
	8/03	02780	UNIT PAVERS	Brick, asphalt, concrete, and rough stone pavers.
R	8/04	02781	POROUS UNIT PAVING	Concrete, grid-type and interlocking type with openings between units.
	8/03	02791	PLAYGROUND SURFACE SYSTEMS	Impact-attenuating, protective surface systems designed for use under public playground equipment.
	12/05	02810	IRRIGATION SYSTEMS	Heads, pipes, and controls.
	8/02	02821	CHAIN-LINK FENCES AND GATES	Standard chain-link fencing systems.
	8/02	02822	HIGH-SECURITY CHAIN-LINK FENCES AND GATES	High-security chain-link fencing systems.
	8/05	02826	ORNAMENTAL METAL FENCES AND GATES	Manufactured and custom-designed types.
	8/05	02832	SEGMENTAL RETAINING WALLS	Dry-laid concrete masonry unit walls.
	2/04	02870	SITE FURNISHINGS	Seating, tables, bicycle racks and lockers, trash and ash receptacles, planters, and bollards for outdoor locations.
R	8/03	02881	PLAYGROUND EQUIPMENT AND STRUCTURES	Public playground equipment.
	2/06	02920	LAWNS AND GRASSES	Seeded, sodded, plugged, and sprigged turf and meadows; planting soils; pesticides; erosion-control materials; turf renovation; and grass paving.
	2/06	02930	EXTERIOR PLANTS	Plants, planting soils, pesticides, tree-stabilization materials, edgings, and tree grates.
	8/02	03300	CAST-IN-PLACE CONCRETE	General building and structural applications.

### DIVISION 3 - CONCRETE

R 8/02 03300 CAST-IN-PLACE CONCRETE

General building and structural applications.

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R	8/02 03301	CAST-IN-PLACE CONCRETE (LIMITED APPLICATIONS)	Limited applications for smaller projects.
R	8/02 03331	CAST-IN-PLACE ARCHITECTURAL CONCRETE	Specially formed, placed, and finished architectural concrete.
R	11/03 03371	SHOTCRETE	Pneumatically applied concrete, dry- or wet-mix.
R	11/02 03381	UNBONDED POST-TENSIONED CONCRETE	Post-tensioning reinforcement, encapsulated and non-encapsulated.
R	2/05 03410	PLANT-PRECAST STRUCTURAL CONCRETE	Conventional precast structural concrete units.
R	5/04 03450	ARCHITECTURAL PRECAST CONCRETE	Precast concrete cladding units, insulated units, and masonry-faced units.
R	8/02 03471	TILT-UP CONCRETE	Wall panels and insulated sandwich panels.
	5/01 03491	GLASS FIBER REINFORCED CONCRETE	Lightweight facing members.
	2/03 03511	CEMENTITIOUS WOOD-FIBER DECK	Monolithic, composite, and insulated composite units.
	5/03 03521	LIGHTWEIGHT INSULATING CONCRETE	Mineral-aggregate and foam types.
	5/02 03532	CONCRETE FLOOR TOPPING	High-strength special-aggregate concrete floor toppings.
	8/03 03542	HYDRAULIC-CEMENT-BASED UNDERLAYMENT	Self-leveling, hydraulic-cement-based underlayment.
	2/04 03930	CONCRETE REHABILITATION	Concrete patching, repair, reinforcing, sealing, and crack injection.
<b>DIVISION 4 - MASONRY</b>			
	11/02 04720	CAST STONE	Architectural features, facing, trim, and site accessories.
	8/02 04810	UNIT MASONRY ASSEMBLIES	General applications, walls, partitions.
R	8/03 04815	GLASS UNIT MASONRY ASSEMBLIES	Glass block installed with mortar and glass-block grid systems.
	2/04 04851	DIMENSION STONE CLADDING	Exterior stone panels.
	11/04 04860	STONE MASONRY	Stone laid in mortar.
	8/05 04900	MASONRY RESTORATION AND CLEANING	Evaluations for Sections 04901 and 04902.
	8/05 04901	CLAY MASONRY RESTORATION AND CLEANING	Historic and nonhistoric applications for brick and terra cotta.
	8/05 04902	STONE RESTORATION AND CLEANING	Historic and nonhistoric applications for stone.
<b>DIVISION 5 - METALS</b>			
R	2/01 05120	STRUCTURAL STEEL	Framing systems.
R	5/03 05210	STEEL JOISTS	Standard SJI units.
R	5/03 05310	STEEL DECK	Roof, floor, and composite types.
R	8/03 05400	COLD-FORMED METAL FRAMING	Load-bearing and exterior non-load-bearing wall studs; floor, ceiling, and roof joists; rafters and roof trusses.
R	2/02 05500	METAL FABRICATIONS	Iron and steel items (not sheet metal).
R	2/02 05511	METAL STAIRS	Steel; with pan, plate, and grating treads.
R	2/02 05521	PIPE AND TUBE RAILINGS	Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing.
R	5/02 05530	GRATINGS	Metal and glass-fiber-reinforced plastic gratings.
	5/02 05700	ORNAMENTAL METAL	Custom fabrications from nonferrous and ferrous metals.
U	5/06 05715	FABRICATED SPIRAL STAIRS	Steel and aluminum units with center column and radiating treads.
	2/02 05721	ORNAMENTAL RAILINGS	Ornamental metal railings assembled from either standard or custom components and shapes. Also included are glass- and plastic-supported railings, and illuminated railings.
R	2/03 05730	ORNAMENTAL FORMED METAL	Custom sheet metal fabrications; no flashing.
	2/04 05811	ARCHITECTURAL JOINT SYSTEMS	For building interiors and exteriors and open-air structures.
	5/02 05910	HISTORIC TREATMENT OF ORNAMENTAL METAL	Preservation treatment of historic ornamental metal.
<b>DIVISION 6 - WOOD AND PLASTICS</b>			
R	11/03 06100	ROUGH CARPENTRY	Wood framing, furring, grounds, nailers, and blocking.
R	11/03 06105	MISCELLANEOUS CARPENTRY	Minor wood framing, furring, grounds, nailers, blocking, wood trim, and shelving.
	2/06 06108	EXTERIOR ROUGH CARPENTRY	Elevated decks and other exterior wood construction.

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U	5/06	06130	HEAVY TIMBER CONSTRUCTION	Solid timber framing.
U	5/06	06150	WOOD DECKING	Solid and laminated T & G decking.
R	11/03	06160	SHEATHING	Roof and wall sheathing (including gypsum sheathing); subflooring, underlayment, and weather-resistive barriers.
R	11/03	06176	METAL-PLATE-CONNECTED WOOD TRUSSES	Metal-plate-connected members.
U	5/06	06185	STRUCTURAL GLUED-LAMINATED TIMBER	Glued-laminated structural framing.
	8/04	06200	FINISH CARPENTRY	Evaluations for 06201 and 06202.
R	8/04	06201	EXTERIOR FINISH CARPENTRY	Exposed and nonstructural.
R	8/04	06202	INTERIOR FINISH CARPENTRY	Exposed and nonstructural.
R	5/03	06401	EXTERIOR ARCHITECTURAL WOODWORK	Trim, door frames, shutters, and ornamental items.
R	5/03	06402	INTERIOR ARCHITECTURAL WOODWORK	Trim, cabinets, tops, paneling, stairs, and ornamental items.
R	8/04	06415	STONE COUNTERTOPS	Made from dimension stone slabs.
R	5/03	06420	PANELING	Board, flush wood, flush plastic-laminate, and stile and rail types.
U	5/06	06640	PLASTIC PANELING	Glass-fiber-reinforced plastic paneling.
<b>DIVISION 7 - THERMAL AND MOISTURE PROTECTION</b>				
R	11/04	07115	BITUMINOUS DAMPPROOFING	Hot- and cold-applied dampproofing.
	5/04	07131	SELF-ADHERING SHEET WATERPROOFING	Self-adhering modified bituminous and adhesive-coated HDPE sheet; drainage panels.
	5/04	07132	ELASTOMERIC SHEET WATERPROOFING	Butyl and EPDM sheet; drainage panels.
	5/04	07133	THERMOPLASTIC SHEET WATERPROOFING	PVC sheet; drainage panels.
	8/05	07141	COLD FLUID-APPLIED WATERPROOFING	Polyurethane, polyester, and latex-rubber types.
	11/05	07142	HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING	Hot, rubberized-asphalt waterproofing for plaza deck and below-grade walls.
	5/02	07160	CEMENTITIOUS AND REACTIVE WATERPROOFING	Evaluations for Sections 07161, 07162, and 07163.
	5/02	07161	MODIFIED CEMENT WATERPROOFING	Positive- and negative-side cementitious formulations.
	5/02	07162	CRYSTALLINE WATERPROOFING	Crystalline formulations.
	5/02	07163	METAL-OXIDE WATERPROOFING	Iron-oxide and cement formulations.
	8/02	07170	BENTONITE WATERPROOFING	Colloidal clay systems.
R	8/04	07180	TRAFFIC COATINGS	Cold liquid-applied waterproof-barrier coatings.
	11/02	07190	WATER REPELLENTS	Clear and pigmented penetrating types and film-forming types.
R	8/03	07210	BUILDING INSULATION	General building insulation, excluding roofing insulation.
	5/05	07240	EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS)	Evaluations for Sections 07241 and 07243.
R	5/05	07241	POLYMER-BASED EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	Composite flexible coating and inner layer of rigid, cellular thermal insulation.
R	5/05	07243	WATER- DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	Composite flexible coating and inner layer of extruded-polystyrene board insulation with water drainage.
	8/04	07270	AIR BARRIERS	Evaluations for 07271 and 07272.
	8/04	07271	SELF-ADHERING SHEET AIR BARRIERS	Vapor-retarding, modified bituminous sheet type.
	8/04	07272	FLUID-APPLIED MEMBRANE AIR BARRIERS	Elastomeric, modified bituminous and synthetic polymer membranes; vapor retarding and vapor permeable types.
U	5/06	07311	ASPHALT SHINGLES	Glass-fiber and organic-felt reinforced asphalt shingles.
R	2/02	07313	METAL SHINGLES	For roofing and siding.
	5/01	07315	SLATE SHINGLES	Natural-slate roof shingles; flashing and accessories.
R	2/01	07317	WOOD SHINGLES AND SHAKES	Shingles and shakes for roofing and siding.
	5/01	07320	ROOF TILES	Evaluations for Sections 07321 and 07322.
R	5/01	07321	CLAY ROOF TILES	Clay tile roofing.
R	5/01	07322	CONCRETE ROOF TILES	Concrete tile roofing.

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U	5/06 07411	METAL ROOF PANELS	Factory-formed lap-seam, standing-seam, batten-seam, horizontal-seam and foamed-insulation-core metal roof panels.
	2/06 07412	METAL WALL PANELS	Factory-formed, single-skin, face-fastened metal wall, liner, and soffit panels.
	2/06 07413	INSULATED-CORE METAL WALL PANELS	Factory-formed metal wall panels with foamed- and laminated-insulation cores and honeycomb cores.
	2/06 07414	METAL PLATE WALL PANELS	Factory-formed, aluminum- and copper-plate metal wall panels.
	2/06 07415	COMPOSITE WALL PANELS	Factory-formed, metal-faced composite wall panels with thin thermoplastic cores.
U	5/06 07460	SIDING	Aluminum, fiber-cement, and vinyl siding and soffit.
	2/00 07510	BUILT-UP BITUMINOUS ROOFING	Evaluations for Sections 07511 and 07512.
	2/00 07511	BUILT-UP ASPHALT ROOFING	Hot asphalt systems; insulation.
	2/00 07512	BUILT-UP COAL-TAR ROOFING	Hot coal-tar systems; insulation.
U	5/06 07530	ELASTOMERIC MEMBRANE ROOFING	Evaluations for Sections 07531 and 07532.
U	5/06 07531	ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING	Adhered, mechanically fastened, and loosely laid EPDM systems.
U	5/06 07532	CHLOROSULFONATE-POLYETHYLENE (CSPE) ROOFING	Adhered, mechanically fastened, and loosely laid CSPE systems.
R	2/00 07540	THERMOPLASTIC MEMBRANE ROOFING	Adhered, mechanically fastened, and loosely laid thermoplastic systems.
	5/00 07550	MODIFIED BITUMINOUS MEMBRANE ROOFING	Evaluations for Sections 07551, 07552, and 07553.
	5/00 07551	APP-MODIFIED BITUMINOUS MEMBRANE ROOFING	Atactic polypropylene roofing systems.
	5/00 07552	SBS-MODIFIED BITUMINOUS MEMBRANE ROOFING	Styrene-butadiene-styrene roofing systems.
	11/05 07561	FLUID-APPLIED PROTECTED MEMBRANE ROOFING	Ballasted, insulated, hot rubberized-asphalt protected roof membrane.
R	2/05 07570	COATED FOAMED ROOFING	Sprayed foam roofing, elastomeric coated.
	11/00 07591	MEMBRANE REROOFING PREPARATION	Preparation for low-slope reroofing - tear-off and re-cover situations.
U	5/06 07610	SHEET METAL ROOFING	Custom-fabricated and on-site, roll-formed sheet metal roofing.
	11/05 07620	SHEET METAL FLASHING AND TRIM	Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets.
	11/01 07710	MANUFACTURED ROOF SPECIALTIES	Standard products.
	11/03 07716	ROOF EXPANSION ASSEMBLIES	Factory-fabricated roof expansion joint covers.
	11/02 07720	ROOF ACCESSORIES	Roof curbs, equipment supports, roof hatches, heat and smoke vents, gravity ventilators, roof supports, and roof walkways.
	5/04 07811	SPRAYED FIRE-RESISTIVE MATERIALS	Concealed and exposed cementitious and sprayed fiber; exposed intumescent mastic.
	2/02 07821	BOARD FIRE PROTECTION	Mineral-fiber and calcium silicate boards.
	11/02 07841	THROUGH-PENETRATION FIRESTOP SYSTEMS	Through-penetration firestop systems.
	11/02 07842	FIRE-RESISTIVE JOINT SYSTEMS	For floor-to-floor, wall-to-wall, floor-to-wall, head-of-wall, and perimeter-floor-to-curtain-wall joints.
R	5/01 07920	JOINT SEALANTS	Elastomeric, nonelastomeric, and preformed sealants.
<b>DIVISION 8 - DOORS AND WINDOWS</b>			
	2/05 08110	STEEL DOORS AND FRAMES	Standard and custom hollow metal units.
	2/03 08125	INTERIOR ALUMINUM FRAMES	Frames for interior doors, sidelights, and transoms.
	8/02 08130	STAINLESS-STEEL DOORS AND FRAMES	Stainless-steel units of standard and nonstandard shapes and sizes.
	5/04 08161	SLIDING METAL FIRE DOORS	Composite, hollow-metal, and tubular frame types.
	8/02 08163	SLIDING ALUMINUM-FRAMED GLASS DOORS	For exterior and interior locations.
R	2/05 08211	FLUSH WOOD DOORS	Wood-veneer and plastic-laminate-faced units.

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U	5/06	08212	STILE AND RAIL WOOD DOORS	Stock and custom units including fire-rated doors and frames.
R	2/01	08263	SLIDING WOOD-FRAMED GLASS DOORS	For exterior locations.
	2/04	08311	ACCESS DOORS AND FRAMES	Wall, ceiling, and floor units.
	11/04	08322	DETENTION DOORS AND FRAMES	Hollow-metal detention doors and frames, including swinging and sliding doors.
	2/06	08331	OVERHEAD COILING DOORS	Galvanized-steel, stainless-steel, and aluminum curtain assemblies.
	2/06	08334	OVERHEAD COILING GRILLES	Open-curtain and closed-curtain assemblies.
U	5/06	08343	ICU/CCU ENTRANCE DOORS	Manual sliding/swinging entrance assemblies primarily for individual special-care rooms.
	8/02	08346	SOUND-CONTROL DOOR ASSEMBLIES	Swinging steel and wood doors, steel frames, and sound-control seals.
	11/05	08351	FOLDING DOORS	Accordion and panel folding doors, metal bifold doors, bifold mirror doors, and fire-rated folding doors.
U	5/06	08361	SECTIONAL OVERHEAD DOORS	Manual and electric garage-type doors with steel, wood, aluminum, and translucent sections.
U	5/06	08411	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	Storefront framing, entrance doors, and hardware; and framing for window walls, ribbon walls, and punched openings.
	11/05	08450	ALL-GLASS ENTRANCES AND STOREFRONTS	All-glass entrance doors and hardware, sidelights, and storefronts.
	5/05	08460	AUTOMATIC ENTRANCE DOORS	Swinging, sliding, and folding units.
	5/02	08470	REVOLVING ENTRANCE DOORS	Standard entrance units.
	2/02	08510	STEEL WINDOWS	Common stock and custom types.
	8/04	08515	WINDOWS	Evaluations for Sections 08520, 08550, and 08561.
	8/04	08520	ALUMINUM WINDOWS	Stock aluminum windows; most standard types.
R	8/04	08550	WOOD WINDOWS	Stock wood windows; most standard types.
	8/04	08561	VINYL WINDOWS	Stock vinyl windows; most standard types.
	11/05	08581	DETENTION WINDOWS	Windows for applications where persons are forcibly retained.
	11/05	08582	SECURITY WINDOWS	Vision and transaction windows that are forced-entry and ballistics resistant.
	5/02	08592	HISTORIC TREATMENT OF WOOD WINDOWS	Cleaning, repair, patching, and replacement of members and window units.
R	8/01	08610	ROOF WINDOWS	Wood, aluminum, and vinyl flat-glass units.
	8/05	08620	UNIT SKYLIGHTS	Standard factory-assembled units, with or without integral curbs.
R	2/03	08630	METAL-FRAMED SKYLIGHTS	Site-assembled aluminum-framed units.
	8/03	08710	DOOR HARDWARE	For specifying door hardware by using a schedule that names products or indicates BHMA designations.
	8/03	08712	DOOR HARDWARE (SCHEDULED BY DESCRIBING PRODUCTS)	For specifying door hardware by using a schedule that includes nonproprietary product descriptions.
	2/01	08716	AUTOMATIC DOOR OPERATORS	Low-energy power operators and low-energy power-open operators that meet accessibility requirements.
	2/06	08781	DETENTION DOOR HARDWARE	For swinging and sliding detention doors.
R	2/02	08800	GLAZING	General applications.
R	8/01	08801	SECURITY GLAZING	Glazing resistant to ballistic attacks, blunt and sharp-tool attacks, thermal stress, chemical threats, wind-borne debris, and airblasts.
	5/03	08816	DECORATIVE GLASS	Acid-etched, sandblasted, silk-screened, beveled, patterned, and laminated types.
R	8/02	08830	MIRRORS	Unframed units, wall mounted.
R	11/02	08840	PLASTIC GLAZING	Acrylic and polycarbonate glazing sheets.
U	5/06	08911	GLAZED ALUMINUM CURTAIN WALLS	Conventionally glazed aluminum curtain walls.
U	5/06	08912	STRUCTURAL-SEALANT-GLAZED CURTAIN WALLS	2- and 4-sided, structural-sealant-glazed curtain walls.

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	2/03 08950	TRANSLUCENT WALL AND ROOF ASSEMBLIES	Evaluations for Sections 08951 and 08952.
R	2/03 08951	STRUCTURED-POLYCARBONATE-PANEL ASSEMBLIES	Aluminum-framed assemblies glazed with multiwalled (structured) polycarbonate panels.
R	2/03 08952	FIBERGLASS-SANDWICH-PANEL ASSEMBLIES	Assemblies incorporating fiberglass sandwich panels and aluminum frame systems.
U	5/06 08960	SLOPED GLAZING ASSEMBLIES	Standard and custom systems, mechanically or structural-sealant glazed.
<b>DIVISION 9 - FINISHES</b>			
R	2/04 09111	NON-LOAD-BEARING STEEL FRAMING	Steel framing for gypsum board partitions and ceilings, gypsum plaster, and Portland cement (stucco) plaster. On gypsum lath and metal lath, furring, and framing.
R	2/02 09210	GYPSUM PLASTER	Applied on gypsum base panels, unit masonry, or monolithic concrete.
R	8/04 09215	GYPSUM VENEER PLASTERING	Interior and exterior portland cement plaster (stucco); metal lath, furring, and framing.
	2/02 09220	PORTLAND CEMENT PLASTER	Interior and exterior gypsum board and tile backing panels.
R	2/04 09250	GYPSUM BOARD	Fire-resistance-rated vertical shaft and horizontal duct enclosures, including metal framing.
R	8/04 09265	GYPSUM BOARD SHAFT-WALL ASSEMBLIES	Factory-molded units for interior use.
R	11/03 09271	GLASS-REINFORCED GYPSUM FABRICATIONS	Ceramic mosaic, quarry, paver, and wall tile.
R	8/00 09310	CERAMIC TILE	Thin, modular, cut stone units.
R	11/02 09385	DIMENSION STONE TILE	Evaluations for Sections 09401 and 09402.
	11/04 09400	TERRAZZO FLOORING	Poured-in-place portland cement terrazzo and rustic terrazzo flooring, and precast terrazzo units.
R	11/04 09401	PORTLAND CEMENT TERRAZZO FLOORING	Thin-set, epoxy-resin terrazzo flooring and precast terrazzo units.
R	11/04 09402	RESINOUS MATRIX TERRAZZO FLOORING	Mineral-base and glass-fiber-base panels with exposed suspension systems.
R	5/04 09511	ACOUSTICAL PANEL CEILINGS	Mineral-base tile with concealed suspension systems.
R	5/04 09512	ACOUSTICAL TILE CEILINGS	Lay-in, clip-in, snap-in, and torsion-spring-hinged acoustical metal pans with exposed or concealed suspension systems.
R	11/04 09514	ACOUSTICAL METAL PAN CEILINGS	Decorative, strip, linear metal ceilings.
	11/04 09547	LINEAR METAL CEILINGS	Downward-locking-panel and security-plank systems.
R	11/04 09549	SECURITY CEILING SYSTEMS	Open-cell grid, plenum mask ceiling systems.
	11/04 09580	SUSPENDED DECORATIVE GRIDS	Polyurethane flooring for athletic activity areas.
	8/03 09621	FLUID-APPLIED SPORTS FLOORING	Resilient floor coverings designed for sports-activity areas.
R	5/03 09622	RESILIENT SPORTS-FLOOR COVERINGS	Cork tile, cork engineered tile, and cork rubber tile; cork floating floor system.
U	5/06 09629	CORK FLOORING	Interior applications only.
	2/03 09635	BRICK FLOORING	Chemical-resistant mortars, grouts, and brick.
	2/03 09636	CHEMICAL-RESISTANT BRICK FLOORING	Exterior and interior stone traffic surfaces.
R	11/04 09638	STONE FLOORING	Solid- and engineered-wood flooring, field and factory-finished.
R	5/03 09640	WOOD FLOORING	Maple flooring and shock-absorbing subfloor assemblies.
R	5/03 09642	WOOD SPORTS-FLOOR ASSEMBLIES	Evaluations for Sections 09651 and 09652.
	5/05 09650	RESILIENT FLOORING	Solid vinyl, rubber, vinyl composition, and resilient terrazzo floor tiles.
R	5/05 09651	RESILIENT FLOOR TILE	Vinyl and rubber sheet floor coverings.
R	5/05 09652	RESILIENT SHEET FLOORING	Resilient base, stair accessories, and molding accessories.
R	5/05 09653	RESILIENT WALL BASE AND ACCESSORIES	Linoleum tile and sheet flooring.
R	5/05 09654	LINOLEUM FLOOR COVERINGS	

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R	5/05	09661	STATIC-CONTROL RESILIENT FLOOR COVERINGS	Static-dissipative and static-conductive tile and sheet products.
R	11/01	09671	RESINOUS FLOORING	Self-leveling slurry and troweled or screeded mortar systems.
R	11/03	09680	CARPET	Tufted and woven commercial carpet and carpet cushion.
R	11/03	09681	CARPET TILE	Modular carpet tile for commercial applications.
U	5/06	09720	WALL COVERINGS	Vinyl, textile, and woven glass-fiber wall coverings, and wallpaper.
R	8/04	09751	INTERIOR STONE FACING	Dimension stone facings including trim.
R	8/03	09771	FABRIC-WRAPPED PANELS	Fabricated tackable or acoustical panels.
R	8/03	09772	STRETCHED-FABRIC WALL SYSTEMS	Site-upholstered ceiling and wall systems.
R	8/03	09841	ACOUSTICAL WALL PANELS	Spline- and back-mounted units.
	2/04	09910	PAINTING	Evaluations for Sections 09911 and 09912.
	2/04	09911	EXTERIOR PAINTING	Exterior painting.
R	2/04	09912	INTERIOR PAINTING	Interior painting.
R	2/04	09931	WOOD STAINS AND TRANSPARENT FINISHES	For interior and exterior wood.
R	11/03	09945	MULTICOLOR INTERIOR COATINGS	Spray-applied multicolor speckled finishes.
R	11/03	09960	HIGH-PERFORMANCE COATINGS	Specialty coatings for use on exterior and interior substrates.
	5/01	09963	ELASTOMERIC COATINGS	Acrylic-based, elastomeric coatings for use over concrete, masonry, and stucco.
R	8/02	09967	INTUMESCENT PAINTS	Intumescent paint for combustible substrates.
R	11/03	09975	HIGH-TEMPERATURE-RESISTANT COATINGS	Coatings for use on steel substrates subject to high temperatures.
R	2/02	09981	CEMENTITIOUS COATINGS	Polymer-modified cementitious systems.
R	5/02	09992	PAINTING RESTORATION	Repainting existing surfaces to retain historic character of the building. Includes decorative finishes such as stenciling, marbling, and graining.

### DIVISION 10 - SPECIALTIES

U	5/06	10101	VISUAL DISPLAY SURFACES	Chalkboards, markerboards, tackboards, sliding units, conference units, and electronic markerboards.
U	5/06	10125	DISPLAY CASES	Illuminated and nonilluminated types.
R	5/01	10155	TOILET COMPARTMENTS	Metal, plastic laminate, phenolic-core, and solid-polymer types.
R	5/01	10180	STONE TOILET COMPARTMENTS	Granite and marble partitions and urinal screens.
	5/04	10191	CUBICLE CURTAINS AND TRACKS	Curtain and IV tracks; curtains for cubicles, dressing areas, and tub and shower enclosures.
	8/05	10200	LOUVERS AND VENTS	Fixed and adjustable louvers; wall vents.
R	5/02	10265	IMPACT-RESISTANT WALL PROTECTION	Protection for walls, corners, and door edges.
R	5/04	10270	ACCESS FLOORING	Modular floor panels and support systems.
	2/06	10350	FLAGPOLES	Aluminum, bronze, stainless-steel, steel, and fiberglass flagpoles.
	11/03	10405	BANNERS	Ornamental fabrics with applied graphics for interior and exterior use.
	5/01	10410	DIRECTORIES	Illuminated and nonilluminated types with changeable message strips or changeable letters.
	11/04	10431	SIGNAGE	Exterior and interior signs, letters, and plaques attached to building.
	11/04	10436	POST AND PANEL/PYLON SIGNAGE	Freestanding post and panel signs, and pylon signs.
U	5/06	10505	METAL LOCKERS	Standard, heavy-duty, athletic, open-front athletic, and coin-operated types.
U	5/06	10506	WOOD LOCKERS	Wood- and plastic-laminate-faced types.
	5/05	10520	FIRE PROTECTION SPECIALTIES	Evaluations for Sections 10522 and 10523.

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	5/05 10522	FIRE EXTINGUISHER CABINETS	Fire-protection cabinets and security fire-protection cabinets.
R	5/05 10523	FIRE EXTINGUISHERS	Portable and wheeled fire extinguishers.
	2/04 10531	AWNINGS	Fixed and retractable awnings.
	2/06 10550	POSTAL SPECIALTIES	Mail receptacles, cluster box units, neighborhood delivery and collection box units, parcel lockers, collection boxes, data distribution boxes, and mail chutes.
	11/05 10605	WIRE MESH PARTITIONS	Standard- and heavy-duty partitions, ceilings, storage lockers, railing insert panels, and equipment barriers.
	2/04 10615	DEMOUNTABLE PARTITIONS	Reusable, demountable site-assembled partitions or factory-assembled, demountable unitized-panel partitions with doors and glazing frames.
R	2/05 10651	OPERABLE PANEL PARTITIONS	Manually and electrically operated partitions; acoustical, fire rated, and glazed panels.
R	5/03 10655	ACCORDION FOLDING PARTITIONS	Acoustically rated, manually and electrically operated, accordion folding partitions, fire rated 1 hour.
	11/00 10671	METAL STORAGE SHELVING	Freestanding end-panel-support, post-and-shelf, and post-and-beam types.
R	2/04 10750	TELEPHONE SPECIALTIES	Telephone enclosures and directory storage units.
	2/03 10801	TOILET AND BATH ACCESSORIES	Standard commercial, institutional, and residential units.
U	5/06 10812	DETENTION TOILET ACCESSORIES	Safety hooks, shelves, combination shelves with safety hooks, and stainless-steel mirrors.
<b>DIVISION 11 - EQUIPMENT</b>			
	6/05 11005	COMMON MOTOR REQUIREMENTS FOR EQUIPMENT	Universal default values for small and medium, ac motors.
	11/05 11024	VAULT DOORS AND DAY GATES	Vault and file-room doors and gates for protecting records from fire.
	8/04 11054	LIBRARY STACK SYSTEMS	Steel bracket, steel four-post, steel tube, steel case, and wood case shelving.
R	2/03 11062	FOLDING AND PORTABLE STAGES	Portable stages, risers, and acoustical shells.
	2/03 11063	STAGE CURTAINS	Curtain fabrics and tracks.
	11/05 11132	PROJECTION SCREENS	Front and rear projection screens.
	2/06 11150	PARKING CONTROL EQUIPMENT	Automatic barrier gates, vehicle detectors, traffic controllers, ticket dispensers, access control units, central pay stations, fee computers, and entry and exit equipment.
	2/06 11160	LOADING DOCK EQUIPMENT	Dock bumpers, levelers, lifts, seals, shelters; truck restraints, light communication systems, and transparent-strip door curtains.
	8/03 11172	WASTE COMPACTORS	Commercial, wet- or dry-waste compactor units.
U	5/06 11192	DETENTION ENCLOSURES	Bar-grille and woven-rod-mesh assemblies, and security grilles and vents.
U	5/06 11193	DETENTION FURNITURE	Steel lockers, cabinets, and furniture.
	8/02 11400	FOODSERVICE EQUIPMENT	Commercial foodservice equipment.
R	2/03 11451	RESIDENTIAL APPLIANCES	Kitchen and laundry appliances.
R	8/01 11460	UNIT KITCHENS	Standard metal and plastic-laminate types.
R	5/05 11491	GYMNASIUM EQUIPMENT	Indoor badminton, basketball, volleyball, and exercise equipment, and safety pads.
	5/05 11492	GYMNASIUM DIVIDERS	Gymnasium divider curtains.
	11/05 11610	LABORATORY FUME HOODS	Hoods, hood stands, and work tops for general laboratories.
<b>DIVISION 12 - FURNISHINGS</b>			
R	2/05 12355	INSTITUTIONAL CASEWORK	Manufactured wood- and plastic-faced units and countertops.
R	2/03 12356	RESIDENTIAL CASEWORK	Manufactured cabinets and countertops.

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R	5/05	12360	LABORATORY CASEWORK	Metal, wood, and plastic laminate units.
	8/05	12365	HEALTHCARE CASEWORK	Stainless- and enameled-steel units including countertops, sinks, and accessories.
R	5/04	12484	FLOOR MATS AND FRAMES	Recessed and surface-applied flexible floor mats and frames.
R	5/04	12485	FOOT GRILLES	Rigid treads with various surfaces; recessed metal frames.
	11/03	12491	HORIZONTAL LOUVER BLINDS	Manually operated and motorized horizontal louver blinds.
	11/03	12492	VERTICAL LOUVER BLINDS	Manually operated and motorized vertical louver blinds.
	2/04	12494	ROLLER SHADES	Manually operated and motorized roller shades.
	2/04	12495	PLEATED SHADES	Manually operated and motorized Z-pleated and cellular shades.
	8/03	12497	DRAPERIES AND TRACKS	Draperies and manually operated and motorized drapery tracks.
R	11/04	12610	FIXED AUDIENCE SEATING	Upholstered and unupholstered interior assembly space seating.
R	2/03	12660	TELESCOPING STANDS	Standard systems; manual, motorized.
	2/03	12800	INTERIOR PLANTS AND PLANTERS	Plants, trees, and vines for interior spaces.
<b>DIVISION 13 - SPECIAL CONSTRUCTION</b>				
R	2/04	13038	SAUNAS	Modular and precut saunas, with heaters and accessories.
	8/01	13041	MODULAR VAULTS	Factory-formed and field-assembled modular vault panels and vault doors.
	5/01	13090	RADIATION PROTECTION	Medical x-ray and neutron protection.
	8/02	13125	METAL BUILDING SYSTEMS	Systems consisting of structural framing, roofing and siding panels, and standard components.
U	5/06	13129	PREFABRICATED CONTROL BOOTHS	Freestanding, prefabricated steel and aluminum control booths.
	6/04	13210	ELEVATED WATER-STORAGE TANKS	Above-ground water storage.
	6/04	13220	SURFACE WATER-STORAGE TANKS	Surface-mounted water storage.
	3/03	13710	PERIMETER SECURITY	Detection devices, controls, and alarms on the site perimeter.
	3/03	13720	INTRUSION DETECTION	Detection devices, controls, and alarms.
	9/02	13730	SECURITY ACCESS	Computer controlled, with interface to other facility management systems.
	3/02	13760	VIDEO SURVEILLANCE	Cameras, monitors, and control equipment.
	9/04	13832	PLC ELECTRONIC DETENTION MONITORING AND CONTROL SYSTEMS	Monitoring and control of doors, gates, and related items for detention facilities.
<b>DIVISION 14 - CONVEYING SYSTEMS</b>				
R	5/04	14100	DUMBWAITERS	Preengineered, hand and power operated.
R	5/04	14210	ELECTRIC TRACTION ELEVATORS	Passenger and service elevators, traction drive, including machine-room-less type.
	5/04	14215	ELECTRIC TRACTION FREIGHT ELEVATORS	Freight elevators, traction drive, including machine-room-less type.
R	5/04	14240	HYDRAULIC ELEVATORS	Passenger and service elevators, direct hydraulic and roped hydraulic units.
	5/04	14245	HYDRAULIC FREIGHT ELEVATORS	Freight elevators, direct hydraulic and roped hydraulic units.
R	8/04	14260	LIMITED-USE/LIMITED-APPLICATION ELEVATORS	Preengineered hydraulic and roped-hydraulic units.
	5/04	14310	ESCALATORS	Standard preengineered, high-traffic, and exterior units.
	5/04	14320	MOVING WALKS	Horizontal or inclined pallet- or belt-type units.
	8/05	14420	WHEELCHAIR LIFTS	Vertical and inclined types; and stairway chairlifts.
	2/03	14560	CHUTES	Chutes for trash and laundry.

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	6/05 15155	SANITARY WASTE PIPING SPECIALTIES	Floor, trench, and channel drains; interceptors; and piping specialties.
	6/05 15165	STORM DRAINAGE PIPING SPECIALTIES	Storm drains, roof drains, catch basins, and piping specialties.
R	9/03 15410	PLUMBING FIXTURES	Fixtures, carriers, faucets, and trim.
R	9/03 15411	MEDICAL PLUMBING FIXTURES	Plumbing fixtures for healthcare facilities.
	12/03 15412	EMERGENCY PLUMBING FIXTURES	Individual and combination emergency eyewash and shower units.
R	12/03 15413	SECURITY PLUMBING FIXTURES	Detention facility plumbing fixtures.
	3/06 15855	DIFFUSERS, REGISTERS, AND GRILLES	Round, rectangular, perforated, and linear diffusers; fixed and adjustable registers and grilles.
<b>DIVISION 16 - ELECTRICAL</b>			
R	6/03 16511	INTERIOR LIGHTING	Normal and emergency lighting.
R	6/03 16521	EXTERIOR LIGHTING	Exterior luminaires including poles and standards.

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