

# MASTERSPEC®

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### DIVISION 01 - GENERAL REQUIREMENTS

11/02	011000	SUMMARY	Summary of the Work, Work phases, products ordered in advance, Owner-furnished products, use of premises, and work restrictions.	
11/02	011200	MULTIPLE CONTRACT SUMMARY	Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.	
11/02	012100	ALLOWANCES	Provisions for allowances.	
11/02	012200	UNIT PRICES	Provisions for unit prices.	
11/02	012300	ALTERNATES	Provisions for alternates.	
11/02	012600	CONTRACT MODIFICATION PROCEDURES	Procedural requirements for changing the Contract.	
11/02	012900	PAYMENT PROCEDURES	Administrative requirements for payment.	
8/04	013100	PROJECT MANAGEMENT AND COORDINATION	Administrative requirements for project meetings and coordination.	
11/02	013200	CONSTRUCTION PROGRESS DOCUMENTATION	Contractor's Construction Schedule, Submittals Schedule, and reports.	
11/02	013233	PHOTOGRAPHIC DOCUMENTATION	Construction photographs and videotapes.	
11/02	013300	SUBMITTAL PROCEDURES	Procedures for submitting Action, Informational, and Delegated-Design Submittals.	
11/04	013513.16	SPECIAL PROJECT PROCEDURES FOR DETENTION FACILITIES	General requirements for detention work including responsibilities of a single-source detention specialist.	
5/02	013591	HISTORIC TREATMENT PROCEDURES	Storage, temporary protection, and procedures.	
11/02	014000	QUALITY REQUIREMENTS	Quality-assurance and -control requirements and special inspections.	
11/05	014200	REFERENCES	Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MASTERSPEC.	
11/02	015000	TEMPORARY FACILITIES AND CONTROLS	Temporary utilities and facilities for support, security, and protection.	
11/02	016000	PRODUCT REQUIREMENTS	Administrative and procedural requirements for product selection and handling, warranties, and product substitutions.	
11/02	017300	EXECUTION	Field engineering, progress cleaning, and general requirements for product installation.	
11/02	017329	CUTTING AND PATCHING	Special procedures.	
2/03	017419	CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL	Salvaging, recycling, and disposing of construction waste.	
11/02	017700	CLOSEOUT PROCEDURES	Administrative and procedural requirements for Contract closeout.	
11/02	017823	OPERATION AND MAINTENANCE DATA	Emergency, operation, and maintenance manuals for products and equipment.	
11/02	017839	PROJECT RECORD DOCUMENTS	Record Drawings, Specifications, and Product Data.	
11/02	017900	DEMONSTRATION AND TRAINING	Administrative and procedural requirements for instructing Owner's personnel.	
U	5/06	018113	SUSTAINABLE DESIGN REQUIREMENTS	General requirements and procedures for LEED prerequisites and credits.
12/05	019113	GENERAL COMMISSIONING REQUIREMENTS	Administrative requirements and procedures for commissioning all systems.	

### DIVISION 02 - EXISTING CONDITIONS

5/04	024116	STRUCTURE DEMOLITION	Complete structure removal.
11/02	024119	SELECTIVE STRUCTURE DEMOLITION	Demolition and removal of selected portions of buildings and site elements.

### DIVISION 03 - CONCRETE

8/02	033000	CAST-IN-PLACE CONCRETE	General building and structural applications.
8/02	033053	MISCELLANEOUS CAST-IN-PLACE CONCRETE	Limited applications for smaller projects.
8/02	033300	ARCHITECTURAL CONCRETE	Specially formed, placed, and finished architectural concrete.

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11/02	033816	UNBONDED POST-TENSIONED CONCRETE	Post-tensioning reinforcement, encapsulated and non-encapsulated.	
2/05	034100	PRECAST STRUCTURAL CONCRETE	Conventional precast structural concrete units.	
5/04	034500	PRECAST ARCHITECTURAL CONCRETE	Precast concrete cladding units, insulated units, and masonry-faced units.	
8/02	034713	TILT-UP CONCRETE	Wall panels and insulated sandwich panels.	
5/01	034900	GLASS-FIBER-REINFORCED CONCRETE (GFRC)	Lightweight facing members.	
5/03	035216	LIGHTWEIGHT INSULATING CONCRETE	Mineral-aggregate and foam types.	
5/02	035300	CONCRETE TOPPING	High-strength special-aggregate concrete floor toppings.	
8/03	035416	HYDRAULIC CEMENT UNDERLAYMENT	Self-leveling, hydraulic-cement-based underlayment.	
<b>DIVISION 04 - MASONRY</b>				
8/05	040120	MAINTENANCE OF UNIT MASONRY	Historic and nonhistoric applications for brick and terra cotta.	
8/05	040140	MAINTENANCE OF STONE ASSEMBLIES	Historic and nonhistoric applications for stone.	
8/02	042000	UNIT MASONRY	General applications, walls, partitions.	
8/03	042300	GLASS UNIT MASONRY	Glass block installed with mortar and glass-block grid systems.	
2/04	044200	EXTERIOR STONE CLADDING	Exterior stone panels.	
11/04	044300	STONE MASONRY	Stone veneer laid in mortar.	
11/02	047200	CAST STONE MASONRY	Architectural features, facing, trim, and site accessories.	
<b>DIVISION 05 - METALS</b>				
2/01	051200	STRUCTURAL STEEL FRAMING	Framing systems.	
5/03	052100	STEEL JOIST FRAMING	Standard SJI units.	
5/03	053100	STEEL DECKING	Roof, floor, and composite types.	
8/03	054000	COLD-FORMED METAL FRAMING	Load-bearing and exterior non-load-bearing wall studs; floor, ceiling, and roof joists; rafters and roof trusses.	
2/02	055000	METAL FABRICATIONS	Iron and steel items (not sheet metal).	
2/02	055100	METAL STAIRS	Steel; with pan, plate, and grating treads.	
2/02	055213	PIPE AND TUBE RAILINGS	Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing.	
5/02	055300	METAL GRATINGS	Metal and glass-fiber-reinforced plastic gratings.	
5/02	057000	DECORATIVE METAL	Custom fabrications from nonferrous and ferrous metals.	
2/02	057300	DECORATIVE METAL RAILINGS	Ornamental metal railings assembled from either standard or custom components and shapes. Also included are glass- and plastic-supported railings, and illuminated railings.	
2/03	057500	DECORATIVE FORMED METAL	Custom sheet metal fabrications; no flashing.	
<b>DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES</b>				
11/03	061000	ROUGH CARPENTRY	Wood framing, furring, grounds, nailers, and blocking.	
11/03	061053	MISCELLANEOUS ROUGH CARPENTRY	Minor wood framing, furring, grounds, nailers, blocking, wood trim, and shelving.	
2/06	061063	EXTERIOR ROUGH CARPENTRY	Elevated decks and other exterior wood construction.	
U	5/06	061323	HEAVY TIMBER CONSTRUCTION	Solid timber framing.
U	5/06	061500	WOOD DECKING	Solid and laminated T & G decking.
11/03	061600	SHEATHING	Roof and wall sheathing (including gypsum sheathing); subflooring, underlayment, and weather-resistive barriers.	
11/03	061753	SHOP-FABRICATED WOOD TRUSSES	Metal-plate-connected members.	
U	5/06	061800	GLUED-LAMINATED CONSTRUCTION	Glued-laminated structural framing.
8/04	062013	EXTERIOR FINISH CARPENTRY	Exposed and nonstructural.	
8/04	062023	INTERIOR FINISH CARPENTRY	Exposed and nonstructural.	

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	5/03 064013	EXTERIOR ARCHITECTURAL WOODWORK	Trim, door frames, shutters, and ornamental items.
	5/03 064023	INTERIOR ARCHITECTURAL WOODWORK	Trim, cabinets, tops, paneling, stairs, and ornamental items.
U	5/06 066400	PLASTIC PANELING	Glass-fiber-reinforced plastic paneling.
<b>DIVISION 07 - THERMAL AND MOISTURE PROTECTION</b>			
	11/00 070150.19	PREPARATION FOR RE-ROOFING	Preparation for low-slope reroofing - tear-off and re-cover situations.
	11/04 071113	BITUMINOUS DAMPPROOFING	Hot- and cold-applied dampproofing.
	5/04 071326	SELF-ADHERING SHEET WATERPROOFING	Self-adhering modified bituminous and adhesive-coated HDPE sheet; drainage panels.
	5/04 071353	ELASTOMERIC SHEET WATERPROOFING	Butyl and EPDM sheet; drainage panels.
	5/04 071354	THERMOPLASTIC SHEET WATERPROOFING	PVC sheet; drainage panels.
	11/05 071413	HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING	Hot, rubberized-asphalt waterproofing for plaza deck and below-grade walls.
	8/05 071416	COLD FLUID-APPLIED WATERPROOFING	Polyurethane, polyester, and latex-rubber types.
	8/04 071800	TRAFFIC COATINGS	Cold liquid-applied waterproof-barrier coatings.
	11/02 071900	WATER REPELLENTS	Clear and pigmented penetrating types and film-forming types.
	8/03 072100	THERMAL INSULATION	General building insulation, excluding roofing insulation.
	5/05 072413	POLYMER-BASED EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	Composite flexible coating and inner layer of rigid, cellular thermal insulation.
	5/05 072419	WATER- DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	Composite flexible coating and inner layer of extruded-polystyrene board insulation with water drainage.
	8/04 072713	MODIFIED BITUMINOUS SHEET AIR BARRIERS	Vapor-retarding, modified bituminous sheet type.
	8/04 072726	FLUID-APPLIED MEMBRANE AIR BARRIERS	Elastomeric, modified bituminous and synthetic polymer membranes; vapor retarding and vapor permeable types.
U	5/06 073113	ASPHALT SHINGLES	Glass-fiber and organic-felt reinforced asphalt shingles.
	2/01 073129	WOOD SHINGLES AND SHAKES	Shingles and shakes for roofing and siding.
	5/01 073213	CLAY ROOF TILES	Clay tile roofing.
	5/01 073216	CONCRETE ROOF TILES	Concrete tile roofing.
U	5/06 074113	METAL ROOF PANELS	Factory-formed lap-seam, standing-seam, batten-seam, horizontal-seam and foamed-insulation-core metal roof panels.
	2/06 074213	METAL WALL PANELS	Factory-formed, single-skin, face-fastened metal wall, liner, and soffit panels.
	2/06 074216	INSULATED-CORE METAL WALL PANELS	Factory-formed metal wall panels with foamed- and laminated-insulation cores and honeycomb cores.
	2/06 074219	METAL PLATE WALL PANELS	Factory-formed, aluminum- and copper-plate metal wall panels.
	2/06 074243	COMPOSITE WALL PANELS	Factory-formed, metal-faced composite wall panels with thin thermoplastic cores.
U	5/06 074600	SIDING	Aluminum, fiber-cement, and vinyl siding and soffit.
	2/00 075113	BUILT-UP ASPHALT ROOFING	Hot asphalt systems; insulation.
	2/00 075116	BUILT-UP COAL TAR ROOFING	Hot coal-tar systems; insulation.
	5/00 075213	ATACTIC-POLYPROPYLENE (APP) MODIFIED BITUMINOUS MEMBRANE ROOFING	Atactic polypropylene roofing systems.
	5/00 075216	STYRENE-BUTADIENE-STYRENE (SBS) MODIFIED BITUMINOUS MEMBRANE ROOFING	Styrene-butadiene-styrene roofing systems.
U	5/06 075316	CHLOROSULFONATE-POLYETHYLENE (CSPE) ROOFING	Adhered, mechanically fastened, and loosely laid CSPE systems.
U	5/06 075323	ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING	Adhered, mechanically fastened, and loosely laid EPDM systems.
	2/00 075400	THERMOPLASTIC MEMBRANE ROOFING	Adhered, mechanically fastened, and loosely laid thermoplastic systems.

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U	5/06 076100	SHEET METAL ROOFING	Custom-fabricated and on-site, roll-formed sheet metal roofing.
	11/05 076200	SHEET METAL FLASHING AND TRIM	Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets.
	11/01 077100	ROOF SPECIALTIES	Standard products.
	11/02 077200	ROOF ACCESSORIES	Roof curbs, equipment supports, roof hatches, heat and smoke vents, gravity ventilators, roof supports, and roof walkways.
	5/04 078100	APPLIED FIREPROOFING	Concealed and exposed cementitious and sprayed fiber; exposed intumescent mastic.
	11/02 078413	PENETRATION FIRESTOPPING	Through-penetration firestop systems.
	11/02 078446	FIRE-RESISTIVE JOINT SYSTEMS	For floor-to-floor, wall-to-wall, floor-to-wall, head-of-wall, and perimeter-floor-to-curtain-wall joints.
	5/01 079200	JOINT SEALANTS	Elastomeric, nonelastomeric, and preformed sealants.
	2/04 079500	EXPANSION CONTROL	For building interiors and exteriors and open-air structures.

### DIVISION 08 - OPENINGS

	2/05 081113	HOLLOW METAL DOORS AND FRAMES	Standard and custom hollow metal units.
	2/05 081416	FLUSH WOOD DOORS	Wood-veneer, hardboard, and plastic-laminate-faced units.
U	5/06 081433	STILE AND RAIL WOOD DOORS	Stock and custom units including fire-rated doors and frames.
	2/04 083113	ACCESS DOORS AND FRAMES	Wall, ceiling, and floor units.
	8/02 083213	SLIDING ALUMINUM-FRAMED GLASS DOORS	For exterior and interior locations.
	2/01 083219	SLIDING WOOD-FRAMED GLASS DOORS	For exterior locations.
	2/06 083323	OVERHEAD COILING DOORS	Galvanized-steel, stainless-steel, and aluminum curtain assemblies.
	2/06 083326	OVERHEAD COILING GRILLES	Open-curtain and closed-curtain assemblies.
	11/05 083513	FOLDING DOORS	Accordion and panel folding doors, metal bifold doors, bifold mirror doors, and fire-rated folding doors.
U	5/06 083613	SECTIONAL DOORS	Manual and electric garage-type doors with steel, wood, aluminum, and translucent sections.
U	5/06 084113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	Storefront framing, entrance doors, and hardware; and framing for window walls, ribbon walls, and punched openings.
	11/05 084126	ALL-GLASS ENTRANCES AND STOREFRONTS	All-glass entrance doors and hardware, sidelights, and storefronts.
	5/05 084229	AUTOMATIC ENTRANCES	Swinging, sliding, and folding units.
	5/02 084233	REVOLVING DOOR ENTRANCES	Standard entrance units.
U	5/06 084413	GLAZED ALUMINUM CURTAIN WALLS	Conventionally glazed aluminum curtain walls.
	8/04 085113	ALUMINUM WINDOWS	Stock aluminum windows; most standard types.
	2/02 085123	STEEL WINDOWS	Common stock and custom types.
	8/04 085200	WOOD WINDOWS	Stock wood windows; most standard types.
	8/04 085313	VINYL WINDOWS	Stock vinyl windows; most standard types.
	8/05 086200	UNIT SKYLIGHTS	Standard factory-assembled units, with or without integral curbs.
	2/03 086300	METAL-FRAMED SKYLIGHTS	Site-assembled aluminum-framed units.
	8/03 087100	DOOR HARDWARE	For specifying door hardware by using a schedule that names products or indicates BHMA designations.
	2/02 088000	GLAZING	General applications.
	8/02 088300	MIRRORS	Unframed units, wall mounted.
	8/05 089000	LOUVERS AND VENTS	Fixed and adjustable louvers; wall vents.

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8/04	092116.23	GYPSUM BOARD SHAFT WALL ASSEMBLIES	Fire-resistance-rated vertical shaft and horizontal duct enclosures, including metal framing.	
2/04	092216	NON-STRUCTURAL METAL FRAMING	Steel framing for gypsum board partitions and ceilings, gypsum plaster, and Portland cement (stucco) plaster.	
2/02	092300	GYPSUM PLASTERING	On gypsum lath and metal lath, furring, and framing.	
2/02	092400	PORTLAND CEMENT PLASTERING	Interior and exterior portland cement plaster (stucco); metal lath, furring, and framing.	
8/04	092613	GYPSUM VENEER PLASTERING	Applied on gypsum base panels, unit masonry, or monolithic concrete.	
2/04	092900	GYPSUM BOARD	Interior and exterior gypsum board and tile backing panels.	
8/00	093000	TILING	Ceramic mosaic, quarry, paver, and wall tile.	
11/02	093033	STONE TILING	Thin, modular, cut stone units.	
5/04	095113	ACOUSTICAL PANEL CEILINGS	Mineral-base and glass-fiber-base panels with exposed suspension systems.	
5/04	095123	ACOUSTICAL TILE CEILINGS	Mineral-base tile with concealed suspension systems.	
11/04	095133	ACOUSTICAL METAL PAN CEILINGS	Lay-in, clip-in, and torsion-spring-hinged metal pans with exposed suspension systems.	
11/04	095423	LINEAR METAL CEILINGS	Strip, decorative metal systems.	
2/03	096313	BRICK FLOORING	Interior applications only.	
11/04	096340	STONE FLOORING	Exterior and interior stone traffic surfaces.	
5/03	096400	WOOD FLOORING	Solid- and engineered-wood flooring, field and factory-finished.	
5/05	096500	RESILIENT FLOORING	Evaluations for Sections 096516 and 096519.	
5/05	096513	RESILIENT BASE AND ACCESSORIES	Resilient base, stair accessories, and molding accessories.	
5/05	096516	RESILIENT SHEET FLOORING	Vinyl and rubber sheet floor coverings.	
5/05	096519	RESILIENT TILE FLOORING	Solid vinyl, rubber, vinyl composition, and resilient terrazzo floor tiles.	
11/04	096613	PORTLAND CEMENT TERRAZZO FLOORING	Cast-in-place cementitious and rustic terrazzo and precast cementitious terrazzo.	
11/04	096623	RESINOUS MATRIX TERRAZZO FLOORING	Thin-set and precast epoxy-matrix terrazzo.	
11/03	096813	TILE CARPETING	Modular carpet tile for commercial applications.	
11/03	096816	SHEET CARPETING	Tufted and woven commercial carpet and carpet cushion.	
5/04	096900	ACCESS FLOORING	Modular floor panels and support systems.	
U	5/06	097200	WALL COVERINGS	Vinyl, textile, and woven glass-fiber wall coverings, and wallpaper.
8/04	097500	STONE FACING	Dimension stone facings including trim.	
8/03	098413	FIXED SOUND-ABSORPTIVE PANELS	Spline- and back-mounted units.	
2/04	099113	EXTERIOR PAINTING	Exterior painting.	
2/04	099123	INTERIOR PAINTING	Interior painting.	
2/04	099300	STAINING AND TRANSPARENT FINISHING	For interior and exterior wood.	
11/03	099600	HIGH-PERFORMANCE COATINGS	Specialty coatings for use on exterior and interior substrates.	

### DIVISION 10 - SPECIALTIES

U	5/06	101100	VISUAL DISPLAY SURFACES	Chalkboards, markerboards, tackboards, sliding units, conference units, and electronic markerboards.
U	5/06	101200	DISPLAY CASES	Illuminated and nonilluminated types.
	5/01	101300	DIRECTORIES	Illuminated and nonilluminated types with changeable message strips or changeable letters.
	11/04	101400	SIGNAGE	Exterior and interior signs, letters, and plaques.
	11/04	101426	POST AND PANEL/PYLON SIGNAGE	Freestanding exterior aluminum or fiberglass panel signs.
	2/04	101700	TELEPHONE SPECIALTIES	Telephone enclosures and directory storage units.

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	5/01 102113	TOILET COMPARTMENTS	Metal, plastic laminate, phenolic-core, and solid-polymer types.
	11/05 102213	WIRE MESH PARTITIONS	Standard- and heavy-duty partitions, ceilings, storage lockers, railing insert panels, and equipment barriers.
	2/05 102226	OPERABLE PARTITIONS	Manually and electrically operated partitions; acoustical, fire rated, and glazed panels.
	5/03 102226.13	ACCORDION FOLDING PARTITIONS	Acoustically rated, manually and electrically operated, accordion folding partitions, fire rated 1 hour.
	5/02 102600	WALL AND DOOR PROTECTION	Protection for walls, corners, and door edges.
	2/03 102800	TOILET, BATH, AND LAUNDRY ACCESSORIES	Standard commercial, institutional, and residential units.
	5/05 104413	FIRE EXTINGUISHER CABINETS	Fire-protection cabinets and security fire-protection cabinets.
	5/05 104416	FIRE EXTINGUISHERS	Portable and wheeled fire extinguishers.
U	5/06 105113	METAL LOCKERS	Standard, heavy-duty, athletic, open-front athletic, and coin-operated types.
	2/06 105500	POSTAL SPECIALTIES	Mail receptacles, cluster box units, neighborhood delivery and collection box units, parcel lockers, collection boxes, data distribution boxes, and mail chutes.
	2/06 107500	FLAGPOLES	Aluminum, bronze, stainless-steel, steel, and fiberglass flagpoles.

### DIVISION 11 - EQUIPMENT

	6/05 110513	COMMON MOTOR REQUIREMENTS FOR EQUIPMENT	Universal default values for small and medium, ac motors.
	2/06 111200	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 111300	LOADING DOCK EQUIPMENT	Dock bumpers, levelers, lifts, seals, shelters; truck restraints, light communication systems, and transparent-strip door curtains.
	8/01 112600	UNIT KITCHENS	Standard metal and plastic-laminate types.
	2/03 113100	RESIDENTIAL APPLIANCES	Kitchen and laundry appliances.
	8/02 114000	FOODSERVICE EQUIPMENT	Commercial foodservice equipment.
	11/05 115213	PROJECTION SCREENS	Front and rear projection screens.
	2/03 116123	FOLDING AND PORTABLE STAGES	Portable stages, risers, and acoustical shells.
	2/03 116143	STAGE CURTAINS	Curtain fabrics and tracks.
	5/05 116623	GYMNASIUM EQUIPMENT	Indoor badminton, basketball, volleyball, and exercise equipment, and safety pads.
	5/05 116653	GYMNASIUM DIVIDERS	Gymnasium divider curtains.
	8/03 118226	WASTE COMPACTORS AND DESTRUCTORS	Commercial, wet- or dry-waste compactor units.

### DIVISION 12 - FURNISHINGS

	11/03 122113	HORIZONTAL LOUVER BLINDS	Manually operated and motorized horizontal louver blinds.
	11/03 122116	VERTICAL LOUVER BLINDS	Manually operated and motorized vertical louver blinds.
	8/03 122200	CURTAINS AND DRAPES	Draperies and manually operated and motorized drapery tracks.
	2/04 122413	ROLLER WINDOW SHADES	Manually operated and motorized roller shades.
	2/03 123530	RESIDENTIAL CASEWORK	Manufactured cabinets and countertops.
	8/04 123640	STONE COUNTERTOPS	Made from dimension stone slabs.
	5/04 124813	ENTRANCE FLOOR MATS AND FRAMES	Recessed and surface-applied flexible floor mats and frames.
	5/04 124816	ENTRANCE FLOOR GRILLES	Rigid treads with various surfaces; recessed metal frames.
	11/04 126100	FIXED AUDIENCE SEATING	Interior applications.

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	2/03 126600	TELESCOPING STANDS	Standard systems; manual, motorized.
<b>DIVISION 13 - SPECIAL CONSTRUCTION</b>			
	2/04 132416	SAUNAS	Modular and precut saunas, with heaters and accessories.
	8/02 133419	METAL BUILDING SYSTEMS	Systems consisting of structural framing, roofing and siding panels, and standard components.
U	5/06 133423	FABRICATED STRUCTURES	Freestanding, prefabricated steel and aluminum control booths.
<b>DIVISION 14 - CONVEYING EQUIPMENT</b>			
	5/04 141000	DUMBWAITERS	Preengineered, hand and power operated.
	5/04 142100	ELECTRIC TRACTION ELEVATORS	Passenger and service elevators, traction drive, including machine-room-less type.
	5/04 142400	HYDRAULIC ELEVATORS	Passenger and service elevators, direct hydraulic and roped hydraulic units.
	5/04 143100	ESCALATORS	Standard preengineered, high-traffic, and exterior units.
	2/03 149100	FACILITY CHUTES	Chutes for trash and laundry.
<b>DIVISION 22 - PLUMBING</b>			
	3/04 221113	FACILITY WATER DISTRIBUTION PIPING	Utility service, domestic, and fire-protection water.
	12/01 221313	FACILITY SANITARY SEWERS	Sanitary sewerage and underground structures outside the building.
	6/05 221319	SANITARY WASTE PIPING SPECIALTIES	Floor, trench, and channel drains; interceptors; and piping specialties.
	6/05 221423	STORM DRAINAGE PIPING SPECIALTIES	Storm drains, roof drains, catch basins, and piping specialties.
	9/03 224000	PLUMBING FIXTURES	Fixtures, carriers, faucets, and trim.
	9/03 224300	HEALTHCARE PLUMBING FIXTURES	Plumbing fixtures for healthcare facilities.
	12/03 224500	EMERGENCY PLUMBING FIXTURES	Individual and combination emergency eyewash and shower units.
<b>DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING</b>			
U	6/06 230800	COMMISSIONING OF HVAC	Administrative requirements and procedures for commissioning HVAC systems.
	3/03 232113.33	GROUND-LOOP HEAT-PUMP PIPING	Horizontal and vertical, direct-buried, ground-loop piping.
	3/06 233713	DIFFUSERS, REGISTERS, AND GRILLES	Round, rectangular, perforated, and linear diffusers; fixed and adjustable registers and grilles.
<b>DIVISION 26 - ELECTRICAL</b>			
	6/03 265100	INTERIOR LIGHTING	Normal and emergency lighting.
	6/03 265600	EXTERIOR LIGHTING	Exterior luminaires including poles and standards.
<b>DIVISION 31 - EARTHWORK</b>			
	11/01 311000	SITE CLEARING	Clearing and grubbing, and topsoil removal.
	2/02 312000	EARTH MOVING	Excavating, filling, and grading.
	8/05 312319	DEWATERING	Construction dewatering and groundwater controls.
	5/02 313116	TERMITE CONTROL	Control by treatment of soil with termiticides, installation of bait stations to dispense termiticides, and installation of permanent metal mesh barriers.
	8/05 315000	EXCAVATION SUPPORT AND PROTECTION	Soldier piles and lagging, sheet piling, and tiebacks.
	8/01 316213	CONCRETE PILES	Solid and hollow, prestressed, precast concrete piles.
	8/01 316216	STEEL PILES	Steel H-section piles and protective coatings.
	8/01 316219	TIMBER PILES	Preservative-treated round timber piles.
	8/01 316223	COMPOSITE PILES	Concrete-filled steel shell and steel pipe piles.
	8/05 316329	DRILLED CONCRETE PIERS AND SHAFTS	Dry-installed and slurry-displacement-installed types.
<b>DIVISION 32 - EXTERIOR IMPROVEMENTS</b>			

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8/05	321216	ASPHALT PAVING	Paving, overlays, and surface treatments.
2/02	321313	CONCRETE PAVING	General applications.
5/02	321373	CONCRETE PAVING JOINT SEALANTS	Sealants for concrete and asphalt pavement joints.
8/03	321400	UNIT PAVING	Brick, asphalt, concrete, and rough stone pavers.
8/02	323113	CHAIN LINK FENCES AND GATES	Standard chain-link fencing systems.
12/05	328400	PLANTING IRRIGATION	Heads, pipes, and controls.
2/06	329200	TURF AND GRASSES	Seeded, sodded, plugged, and sprigged turf and meadows; planting soils; pesticides; erosion-control materials; turf renovation; and grass paving.
2/06	329300	PLANTS	Plants, planting soils, pesticides, tree-stabilization materials, edgings, and tree grates.

### DIVISION 33 - UTILITIES

6/04	330500	COMMON WORK RESULTS FOR UTILITIES	Basic piping materials and methods.
12/01	334100	STORM UTILITY DRAINAGE PIPING	Gravity and forced storm piping and underground structures.
3/03	334600	SUBDRAINAGE	Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas.
11/02	334713	POND AND RESERVOIR LINERS	Geomembrane liners and covers.

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