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DIVISION 01 - GENERAL REQUIREMENTS

| | | | |
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| | 3/03 010000 | GENERAL REQUIREMENTS | Evaluations for all Division 01 Sections. |
| R | 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. |
| R | 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. |
| R | 11/02 015000 | TEMPORARY FACILITIES AND CONTROLS | Temporary utilities and facilities for support, security, and protection. |
| | 11/01 015639 | TEMPORARY TREE AND PLANT PROTECTION | Extensive work. |
| | 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. |
| R | 11/02 017329 | CUTTING AND PATCHING | Special procedures. |
| R | 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. |
| R | 11/02 024119 | SELECTIVE STRUCTURE DEMOLITION | Demolition and removal of selected portions of buildings and site elements. |

DIVISION 03 - CONCRETE

| | | | |
|---|-------------|---------------------------------------|---|
| | 2/04 030130 | MAINTENANCE OF CAST-IN-PLACE CONCRETE | Concrete patching, repair, reinforcing, sealing, and crack injection. |
| R | 8/02 033000 | CAST-IN-PLACE CONCRETE | General building and structural applications. |

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|---|-------|--------|--|--|
| R | 8/02 | 033053 | MISCELLANEOUS CAST-IN-PLACE CONCRETE | Limited applications for smaller projects. |
| R | 8/02 | 033300 | ARCHITECTURAL CONCRETE | Specially formed, placed, and finished architectural concrete. |
| R | 11/03 | 033713 | SHOTCRETE | Pneumatically applied concrete, dry- or wet-mix. |
| R | 11/02 | 033816 | UNBONDED POST-TENSIONED CONCRETE | Post-tensioning reinforcement, encapsulated and non-encapsulated. |
| R | 2/05 | 034100 | PRECAST STRUCTURAL CONCRETE | Conventional precast structural concrete units. |
| R | 5/04 | 034500 | PRECAST ARCHITECTURAL CONCRETE | Precast concrete cladding units, insulated units, and masonry-faced units. |
| R | 8/02 | 034713 | TILT-UP CONCRETE | Wall panels and insulated sandwich panels. |
| | 5/01 | 034900 | GLASS-FIBER-REINFORCED CONCRETE (GFRC) | Lightweight facing members. |
| | 2/03 | 035113 | CEMENTITIOUS WOOD FIBER DECKS | Monolithic, composite, and insulated composite units. |
| | 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. |
| DIVISION 04 - MASONRY | | | | |
| | 8/05 | 040100 | MAINTENANCE OF MASONRY | Evaluations for Sections 040120 and 040140. |
| | 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. |
| R | 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. |
| DIVISION 05 - METALS | | | | |
| | 5/02 | 050170 | MAINTENANCE OF DECORATIVE METAL | Preservation treatment of historic ornamental metal. |
| R | 2/01 | 051200 | STRUCTURAL STEEL FRAMING | Framing systems. |
| R | 5/03 | 052100 | STEEL JOIST FRAMING | Standard SJI units. |
| R | 5/03 | 053100 | STEEL DECKING | Roof, floor, and composite types. |
| R | 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. |
| R | 2/02 | 055000 | METAL FABRICATIONS | Iron and steel items (not sheet metal). |
| R | 2/02 | 055100 | METAL STAIRS | Steel; with pan, plate, and grating treads. |
| R | 2/02 | 055213 | PIPE AND TUBE RAILINGS | Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing. |
| R | 5/02 | 055300 | METAL GRATINGS | Metal and glass-fiber-reinforced plastic gratings. |
| U | 5/06 | 055963 | DETENTION ENCLOSURES | Bar-grille and woven-rod-mesh assemblies, and security grilles and vents. |
| | 5/02 | 057000 | DECORATIVE METAL | Custom fabrications from nonferrous and ferrous metals. |
| U | 5/06 | 057113 | FABRICATED METAL SPIRAL STAIRS | Steel and aluminum units with center column and radiating treads. |
| | 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. |
| R | 2/03 | 057500 | DECORATIVE FORMED METAL | Custom sheet metal fabrications; no flashing. |
| DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES | | | | |
| R | 11/03 | 061000 | ROUGH CARPENTRY | Wood framing, furring, grounds, nailers, and blocking. |
| R | 11/03 | 061053 | MISCELLANEOUS ROUGH CARPENTRY | Minor wood framing, furring, grounds, nailers, blocking, |

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| | | | 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. |
| R | 11/03 061600 | SHEATHING | Roof and wall sheathing (including gypsum sheathing); subflooring, underlayment, and weather-resistive barriers. |
| R | 11/03 061753 | SHOP-FABRICATED WOOD TRUSSES | Metal-plate-connected members. |
| U | 5/06 061800 | GLUED-LAMINATED CONSTRUCTION | Glued-laminated structural framing. |
| | 8/04 062000 | FINISH CARPENTRY | Evaluations for 062013 and 062023. |
| R | 8/04 062013 | EXTERIOR FINISH CARPENTRY | Exposed and nonstructural. |
| R | 8/04 062023 | INTERIOR FINISH CARPENTRY | Exposed and nonstructural. |
| R | 5/03 064013 | EXTERIOR ARCHITECTURAL WOODWORK | Trim, door frames, shutters, and ornamental items. |
| R | 5/03 064023 | INTERIOR ARCHITECTURAL WOODWORK | Trim, cabinets, tops, paneling, stairs, and ornamental items. |
| R | 5/03 064200 | WOOD PANELING | Board, flush wood, flush plastic-laminate, and stile and rail types. |
| U | 5/06 066400 | PLASTIC PANELING | Glass-fiber-reinforced plastic paneling. |
| DIVISION 07 - THERMAL AND MOISTURE PROTECTION | | | |
| | 11/00 070150.19 | PREPARATION FOR RE-ROOFING | Preparation for low-slope reroofing - tear-off and re-cover situations. |
| R | 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. |
| | 5/02 071600 | CEMENTITIOUS AND REACTIVE WATERPROOFING | Evaluations for Sections 071613, 071616, and 071619. |
| | 5/02 071613 | POLYMER MODIFIED CEMENT WATERPROOFING | Positive- and negative-side cementitious formulations. |
| | 5/02 071616 | CRYSTALLINE WATERPROOFING | Crystalline formulations. |
| | 5/02 071619 | METAL OXIDE WATERPROOFING | Iron-oxide and cement formulations. |
| | 8/02 071700 | BENTONITE WATERPROOFING | Colloidal clay systems. |
| R | 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. |
| R | 8/03 072100 | THERMAL INSULATION | General building insulation, excluding roofing insulation. |
| | 5/05 072400 | EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS) | Evaluations for Sections 072413 and 072419. |
| R | 5/05 072413 | POLYMER-BASED EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) | Composite flexible coating and inner layer of rigid, cellular thermal insulation. |
| R | 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 072700 | AIR BARRIERS | Evaluations for 072713 and 072726. |
| | 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. |
| R | 2/02 073116 | METAL SHINGLES | For roofing and siding. |
| | 5/01 073126 | SLATE SHINGLES | Natural-slate roof shingles; flashing and accessories. |
| R | 2/01 073129 | WOOD SHINGLES AND SHAKES | Shingles and shakes for roofing and siding. |
| | 5/01 073200 | ROOF TILES | Evaluations for Sections 073213 and 073216. |

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| R | 5/01 | 073213 | CLAY ROOF TILES | Clay tile roofing. |
| R | 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 | 075100 | BUILT-UP BITUMINOUS ROOFING | Evaluations for Sections 075113 and 075116. |
| | 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 | 075200 | MODIFIED BITUMINOUS MEMBRANE ROOFING | Evaluations for Sections 075213, 075216, and 075219. |
| | 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 | 075300 | ELASTOMERIC MEMBRANE ROOFING | Evaluations for Sections 075316 and 075323. |
| 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. |
| R | 2/00 | 075400 | THERMOPLASTIC MEMBRANE ROOFING | Adhered, mechanically fastened, and loosely laid thermoplastic systems. |
| | 11/05 | 075556 | FLUID-APPLIED PROTECTED MEMBRANE ROOFING | Ballasted, insulated, hot rubberized-asphalt protected roof membrane. |
| R | 2/05 | 075700 | COATED FOAMED ROOFING | Sprayed foam roofing, elastomeric coated. |
| 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. |
| | 11/03 | 077129 | MANUFACTURED ROOF EXPANSION JOINTS | Factory-fabricated roof expansion joint covers. |
| | 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. |
| | 2/02 | 078200 | BOARD FIREPROOFING | Mineral-fiber and calcium silicate boards. |
| | 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. |
| R | 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

| | | | | |
|--|------|-----------|------------------------------------|--|
| | 5/02 | 080152.93 | HISTORIC TREATMENT OF WOOD WINDOWS | Cleaning, repair, patching, and replacement of members and window units. |
| | 2/05 | 081113 | HOLLOW METAL DOORS AND FRAMES | Standard and custom hollow metal units. |

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| | 8/02 081119 | STAINLESS-STEEL DOORS AND FRAMES | Stainless-steel units of standard and nonstandard shapes and sizes. |
| | 5/04 081173 | SLIDING METAL FIREDOORS | Composite, hollow-metal, and tubular frame types. |
| | 2/03 081216 | ALUMINUM FRAMES | Frames for interior doors, sidelights, and transoms. |
| R | 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. |
| R | 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 083459 | VAULT DOORS AND DAY GATES | Vault and file-room doors and gates for protecting records from fire. |
| | 11/04 083463 | DETENTION DOORS AND FRAMES | Hollow-metal detention doors and frames, including swinging and sliding doors. |
| | 8/02 083473 | SOUND CONTROL DOOR ASSEMBLIES | Swinging steel and wood doors, steel frames, and sound-control seals. |
| | 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 084243 | INTENSIVE CARE UNIT/CRITICAL CARE UNIT (ICU/CCU) ENTRANCES | Manual sliding/swinging entrance assemblies primarily for individual special-care rooms. |
| U | 5/06 084413 | GLAZED ALUMINUM CURTAIN WALLS | Conventionally glazed aluminum curtain walls. |
| U | 5/06 084423 | STRUCTURAL-SEALANT-GLAZED CURTAIN WALLS | 2- and 4-sided, structural-sealant-glazed curtain walls. |
| U | 5/06 084433 | SLOPED GLAZING ASSEMBLIES | Standard and custom systems, mechanically or structural-sealant glazed. |
| | 2/03 084500 | TRANSLUCENT WALL AND ROOF ASSEMBLIES | Evaluations for Sections 084513 and 084523. |
| R | 2/03 084513 | STRUCTURED-POLYCARBONATE-PANEL ASSEMBLIES | Aluminum-framed assemblies glazed with multiwalled (structured) polycarbonate panels. |
| R | 2/03 084523 | FIBERGLASS-SANDWICH-PANEL ASSEMBLIES | Assemblies incorporating fiberglass sandwich panels and aluminum frame systems. |
| | 8/04 085000 | WINDOWS | Evaluations for Sections 085113, 085200, and 085313. |
| | 8/04 085113 | ALUMINUM WINDOWS | Stock aluminum windows; most standard types. |
| | 2/02 085123 | STEEL WINDOWS | Common stock and custom types. |
| R | 8/04 085200 | WOOD WINDOWS | Stock wood windows; most standard types. |
| | 8/04 085313 | VINYL WINDOWS | Stock vinyl windows; most standard types. |
| | 11/05 085653 | SECURITY WINDOWS | Vision and transaction windows that are forced-entry and ballistics resistant. |
| | 11/05 085663 | DETENTION WINDOWS | Windows for applications where persons are forcibly retained. |
| R | 8/01 086100 | ROOF WINDOWS | Wood, aluminum, and vinyl flat-glass units. |
| | 8/05 086200 | UNIT SKYLIGHTS | Standard factory-assembled units, with or without integral curbs. |
| R | 2/03 086300 | METAL-FRAMED SKYLIGHTS | Site-assembled aluminum-framed units. |

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| | 8/03 087100 | DOOR HARDWARE | For specifying door hardware by using a schedule that names products or indicates BHMA designations. |
| | 8/03 087111 | DOOR HARDWARE (SCHEDULED BY DESCRIBING PRODUCTS) | For specifying door hardware by using a schedule that includes nonproprietary product descriptions. |
| | 2/01 087113 | AUTOMATIC DOOR OPERATORS | Low-energy power operators and low-energy power-open operators that meet accessibility requirements. |
| | 2/06 087163 | DETENTION DOOR HARDWARE | For swinging and sliding detention doors. |
| R | 2/02 088000 | GLAZING | General applications. |
| | 5/03 088113 | DECORATIVE GLASS GLAZING | Acid-etched, sandblasted, silk-screened, beveled, patterned, and laminated types. |
| R | 8/02 088300 | MIRRORS | Unframed units, wall mounted. |
| R | 11/02 088400 | PLASTIC GLAZING | Acrylic and polycarbonate glazing sheets. |
| R | 8/01 088853 | SECURITY GLAZING | Glazing resistant to ballistic attacks, blunt and sharp-tool attacks, thermal stress, chemical threats, wind-borne debris, and airblasts. |
| | 8/05 089000 | LOUVERS AND VENTS | Fixed and adjustable louvers; wall vents. |
| DIVISION 09 - FINISHES | | | |
| R | 5/02 090190 | MAINTENANCE OF PAINTING AND COATING | Repainting existing surfaces to retain historic character of the building. Includes decorative finishes such as stenciling, marbling, and graining. |
| R | 8/04 092116.23 | GYPSUM BOARD SHAFT WALL ASSEMBLIES | Fire-resistance-rated vertical shaft and horizontal duct enclosures, including metal framing. |
| R | 2/04 092216 | NON-STRUCTURAL METAL FRAMING | Steel framing for gypsum board partitions and ceilings, gypsum plaster, and Portland cement (stucco) plaster. |
| R | 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. |
| R | 8/04 092613 | GYPSUM VENEER PLASTERING | Applied on gypsum base panels, unit masonry, or monolithic concrete. |
| R | 11/03 092713 | GLASS-FIBER-REINFORCED PLASTER (GFRP) FABRICATIONS | Factory-molded units for interior use. |
| R | 2/04 092900 | GYPSUM BOARD | Interior and exterior gypsum board and tile backing panels. |
| R | 8/00 093000 | TILING | Ceramic mosaic, quarry, paver, and wall tile. |
| R | 11/02 093033 | STONE TILING | Thin, modular, cut stone units. |
| R | 5/04 095113 | ACOUSTICAL PANEL CEILINGS | Mineral-base and glass-fiber-base panels with exposed suspension systems. |
| R | 5/04 095123 | ACOUSTICAL TILE CEILINGS | Mineral-base tile with concealed suspension systems. |
| R | 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. |
| | 11/04 095436 | SUSPENDED DECORATIVE GRIDS | Plenum mask ceiling systems. |
| R | 11/04 095753 | SECURITY CEILING ASSEMBLIES | Downward-locking-panel and security-plank systems. |
| U | 5/06 096229 | CORK FLOORING | Cork tile, cork engineered tile, and cork rubber tile; cork floating floor system. |
| | 2/03 096313 | BRICK FLOORING | Interior applications only. |
| | 2/03 096313.35 | CHEMICAL-RESISTANT BRICK FLOORING | Chemical-resistant mortars, grouts, and brick. |
| R | 11/04 096340 | STONE FLOORING | Exterior and interior stone traffic surfaces. |
| R | 5/03 096400 | WOOD FLOORING | Solid- and engineered-wood flooring, field and factory-finished. |
| R | 5/03 096466 | WOOD ATHLETIC FLOORING | Maple flooring and shock-absorbing subfloor assemblies. |
| | 5/05 096500 | RESILIENT FLOORING | Evaluations for Sections 096516 and 096519. |
| R | 5/05 096513 | RESILIENT BASE AND ACCESSORIES | Resilient base, stair accessories, and molding accessories. |
| R | 5/05 096516 | RESILIENT SHEET FLOORING | Vinyl and rubber sheet floor coverings. |

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|----------------------------------|-------|-----------|-------------------------------------|--|
| R | 5/05 | 096516.13 | LINOLEUM FLOORING | Linoleum tile and sheet flooring. |
| R | 5/05 | 096519 | RESILIENT TILE FLOORING | Solid vinyl, rubber, vinyl composition, and resilient terrazzo floor tiles. |
| R | 5/05 | 096536 | STATIC-CONTROL RESILIENT FLOORING | Static-dissipative and static-conductive tile and sheet products. |
| R | 5/03 | 096566 | RESILIENT ATHLETIC FLOORING | Resilient floor coverings designed for sports-activity areas. |
| | 11/04 | 096600 | TERRAZZO FLOORING | Evaluations for Sections 096613 and 096623. |
| R | 11/04 | 096613 | PORTLAND CEMENT TERRAZZO FLOORING | Cast-in-place cementitious and rustic terrazzo and precast cementitious terrazzo. |
| R | 11/04 | 096623 | RESINOUS MATRIX TERRAZZO FLOORING | Thin-set and precast epoxy-matrix terrazzo. |
| R | 11/01 | 096723 | RESINOUS FLOORING | Self-leveling slurry and troweled or screeded mortar systems. |
| | 8/03 | 096766 | FLUID-APPLIED ATHLETIC FLOORING | Polyurethane flooring for athletic activity areas. |
| R | 11/03 | 096813 | TILE CARPETING | Modular carpet tile for commercial applications. |
| R | 11/03 | 096816 | SHEET CARPETING | Tufted and woven commercial carpet and carpet cushion. |
| R | 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. |
| R | 8/04 | 097500 | STONE FACING | Dimension stone facings including trim. |
| R | 8/03 | 097713 | STRETCHED-FABRIC WALL SYSTEMS | Site-upholstered ceiling and wall systems. |
| R | 8/03 | 097723 | FABRIC-WRAPPED PANELS | Fabricated tackable or acoustical panels. |
| R | 8/03 | 098413 | FIXED SOUND-ABSORPTIVE PANELS | Spline- and back-mounted units. |
| | 2/04 | 099100 | PAINTING | Evaluations for Sections 099113 and 099123. |
| | 2/04 | 099113 | EXTERIOR PAINTING | Exterior painting. |
| R | 2/04 | 099123 | INTERIOR PAINTING | Interior painting. |
| R | 2/04 | 099300 | STAINING AND TRANSPARENT FINISHING | For interior and exterior wood. |
| R | 11/03 | 099419 | MULTICOLOR INTERIOR FINISHING | Spray-applied multicolor speckled finishes. |
| R | 11/03 | 099600 | HIGH-PERFORMANCE COATINGS | Specialty coatings for use on exterior and interior substrates. |
| R | 11/03 | 099633 | HIGH-TEMPERATURE-RESISTANT COATINGS | Coatings for use on steel substrates subject to high temperatures. |
| R | 8/02 | 099646 | INTUMESCENT PAINTING | Intumescent paint for combustible substrates. |
| | 5/01 | 099653 | ELASTOMERIC COATINGS | Acrylic-based, elastomeric coatings for use over concrete, masonry, and stucco. |
| R | 2/02 | 099726 | CEMENTITIOUS COATINGS | Polymer-modified cementitious systems. |
| 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. |
| R | 2/04 | 101700 | TELEPHONE SPECIALTIES | Telephone enclosures and directory storage units. |
| R | 5/01 | 102113 | TOILET COMPARTMENTS | Metal, plastic laminate, phenolic-core, and solid-polymer types. |
| R | 5/01 | 102113.40 | STONE TOILET COMPARTMENTS | Granite and marble partitions and urinal screens. |
| | 5/04 | 102123 | CUBICLES | Curtain and IV tracks; curtains for cubicles, dressing areas, and tub and shower enclosures. |
| | 11/05 | 102213 | WIRE MESH PARTITIONS | Standard- and heavy-duty partitions, ceilings, storage lockers, railing insert panels, and equipment barriers. |

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|--------------------------------|----------------|---|--|
| | 2/04 102219 | DEMOUNTABLE PARTITIONS | Reusable, demountable site-assembled partitions or factory-assembled, demountable unitized-panel partitions with doors and glazing frames. |
| R | 2/05 102226 | OPERABLE PARTITIONS | Manually and electrically operated partitions; acoustical, fire rated, and glazed panels. |
| R | 5/03 102226.13 | ACCORDION FOLDING PARTITIONS | Acoustically rated, manually and electrically operated, accordion folding partitions, fire rated 1 hour. |
| R | 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. |
| U | 5/06 102813.63 | DETENTION TOILET ACCESSORIES | Safety hooks, shelves, combination shelves with safety hooks, and stainless-steel mirrors. |
| | 5/05 104400 | FIRE PROTECTION SPECIALTIES | Evaluations for Sections 104413 and 104416. |
| | 5/05 104413 | FIRE EXTINGUISHER CABINETS | Fire-protection cabinets and security fire-protection cabinets. |
| R | 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. |
| U | 5/06 105116 | WOOD LOCKERS | Wood- and plastic-laminate-faced 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. |
| | 11/00 105613 | METAL STORAGE SHELVING | Freestanding end-panel-support, post-and-shelf, and post-and-beam types. |
| | 2/04 107313 | AWNINGS | Fixed and retractable awnings. |
| | 2/06 107500 | FLAGPOLES | Aluminum, bronze, stainless-steel, steel, and fiberglass flagpoles. |
| | 11/03 108316 | BANNERS | Ornamental fabrics with applied graphics for interior and exterior use. |
| 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. |
| R | 8/01 112600 | UNIT KITCHENS | Standard metal and plastic-laminate types. |
| R | 2/03 113100 | RESIDENTIAL APPLIANCES | Kitchen and laundry appliances. |
| | 8/02 114000 | FOODSERVICE EQUIPMENT | Commercial foodservice equipment. |
| | 8/04 115123 | LIBRARY STACK SYSTEMS | Steel bracket, steel four-post, steel tube, steel case, and wood case shelving. |
| | 11/05 115213 | PROJECTION SCREENS | Front and rear projection screens. |
| | 11/05 115313 | LABORATORY FUME HOODS | Hoods, hood stands, and work tops for general laboratories. |
| R | 2/03 116123 | FOLDING AND PORTABLE STAGES | Portable stages, risers, and acoustical shells. |
| | 2/03 116143 | STAGE CURTAINS | Curtain fabrics and tracks. |
| R | 5/05 116623 | GYMNASIUM EQUIPMENT | Indoor badminton, basketball, volleyball, and exercise equipment, and safety pads. |
| | 5/05 116653 | GYMNASIUM DIVIDERS | Gymnasium divider curtains. |
| R | 8/03 116800 | PLAY FIELD EQUIPMENT AND STRUCTURES | Public playground equipment. |
| | 8/03 118226 | WASTE COMPACTORS AND DESTRUCTORS | Commercial, wet- or dry-waste compactor units. |

DIVISION 12 - FURNISHINGS

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|---|--------------|---|--|
| | 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. |
| | 2/04 122416 | PLEATED WINDOW SHADES | Manually operated and motorized Z-pleated and cellular shades. |
| R | 2/05 123200 | MANUFACTURED WOOD CASEWORK | Manufactured wood- and plastic-faced units and countertops. |
| R | 2/03 123530 | RESIDENTIAL CASEWORK | Manufactured cabinets and countertops. |
| R | 5/05 123553 | LABORATORY CASEWORK | Metal, wood, and plastic laminate units. |
| | 8/05 123570 | HEALTHCARE CASEWORK | Stainless- and enameled-steel units including countertops, sinks, and accessories. |
| R | 8/04 123640 | STONE COUNTERTOPS | Made from dimension stone slabs. |
| R | 5/04 124813 | ENTRANCE FLOOR MATS AND FRAMES | Recessed and surface-applied flexible floor mats and frames. |
| R | 5/04 124816 | ENTRANCE FLOOR GRILLES | Rigid treads with various surfaces; recessed metal frames. |
| U | 5/06 125500 | DETENTION FURNITURE | Steel lockers, cabinets, and furniture. |
| R | 11/04 126100 | FIXED AUDIENCE SEATING | Interior applications. |
| R | 2/03 126600 | TELESCOPING STANDS | Standard systems; manual, motorized. |
| | 2/03 129200 | INTERIOR PLANTERS AND ARTIFICIAL PLANTS | Plants, trees, and vines for interior spaces. |
| | 2/04 129300 | SITE FURNISHINGS | Seating, tables, bicycle racks and lockers, trash and ash receptacles, planters, and bollards for outdoor locations. |
| DIVISION 13 - SPECIAL CONSTRUCTION | | | |
| R | 2/04 132416 | SAUNAS | Modular and precut saunas, with heaters and accessories. |
| | 8/01 132700 | VAULTS | Factory-formed and field-assembled modular vault panels and vault doors. |
| | 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. |
| | 5/01 134900 | RADIATION PROTECTION | Medical x-ray and neutron protection. |
| DIVISION 14 - CONVEYING EQUIPMENT | | | |
| R | 5/04 141000 | DUMBWAITERS | Preengineered, hand and power operated. |
| R | 5/04 142100 | ELECTRIC TRACTION ELEVATORS | Passenger and service elevators, traction drive, including machine-room-less type. |
| | 5/04 142113 | ELECTRIC TRACTION FREIGHT ELEVATORS | Freight elevators, traction drive, including machine-room-less type. |
| R | 5/04 142400 | HYDRAULIC ELEVATORS | Passenger and service elevators, direct hydraulic and roped hydraulic units. |
| | 5/04 142413 | HYDRAULIC FREIGHT ELEVATORS | Freight elevators, direct hydraulic and roped hydraulic units. |
| R | 8/04 142600 | LIMITED-USE/LIMITED-APPLICATION ELEVATORS | Preengineered hydraulic and roped-hydraulic units. |
| | 5/04 143100 | ESCALATORS | Standard preengineered, high-traffic, and exterior units. |
| | 5/04 143200 | MOVING WALKS | Horizontal or inclined pallet- or belt-type units. |
| | 8/05 144200 | WHEELCHAIR LIFTS | Vertical and inclined types; and stairway chairlifts. |
| | 2/03 149100 | FACILITY CHUTES | Chutes for trash and laundry. |
| DIVISION 22 - PLUMBING | | | |
| | 3/04 221113 | FACILITY WATER DISTRIBUTION PIPING | Utility service, domestic, and fire-protection water. |
| | 6/04 221216 | FACILITY ELEVATED, POTABLE- WATER STORAGE | Above-ground water storage. |

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TANKS

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|-------|--------|--|---|--|
| 6/04 | 221219 | FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANKS | Surface-mounted water storage. | |
| 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. | |
| 12/01 | 221323 | SANITARY WASTE INTERCEPTORS | Grease, oil, and sediment interceptors for sewerage systems outside the building. | |
| 3/04 | 221343 | FACILITY PACKAGED SEWAGE PUMPING STATIONS | Pump, compressor, tank, and controls. | |
| 12/02 | 221353 | FACILITY SEPTIC TANKS | Tank, distribution box, and drainage pipe. | |
| 6/05 | 221423 | STORM DRAINAGE PIPING SPECIALTIES | Storm drains, roof drains, catch basins, and piping specialties. | |
| R | 9/03 | 224000 | PLUMBING FIXTURES | Fixtures, carriers, faucets, and trim. |
| R | 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. |
| R | 12/03 | 224600 | SECURITY PLUMBING FIXTURES | Detention facility plumbing fixtures. |

DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING

| | | | | |
|---|------|-----------|-----------------------------------|---|
| 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. |

DIVISION 26 - ELECTRICAL

| | | | | |
|---|-------|--------|---|--|
| | 12/03 | 260543 | UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS | Manholes, handholes, and underground ducts. |
| R | 6/03 | 265100 | INTERIOR LIGHTING | Normal and emergency lighting. |
| R | 6/03 | 265600 | EXTERIOR LIGHTING | Exterior luminaires including poles and standards. |

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

| | | | | |
|--|------|--------|---|---|
| | 9/02 | 281300 | ACCESS CONTROL | Computer controlled, with interface to other facility management systems. |
| | 3/03 | 281600 | INTRUSION DETECTION | Detection devices, controls, and alarms. |
| | 3/03 | 281643 | PERIMETER SECURITY SYSTEMS | Detection devices, controls, and alarms on the site perimeter. |
| | 3/02 | 282300 | VIDEO SURVEILLANCE | Cameras, monitors, and control equipment. |
| | 9/04 | 284619 | PLC ELECTRONIC DETENTION MONITORING AND CONTROL SYSTEMS | Monitoring and control of doors, gates, and related items for detention facilities. |

DIVISION 31 - EARTHWORK

| | | | | |
|--|-------|--------|-----------------------------------|--|
| | 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 | 316200 | DRIVEN PILES | Evaluations for Sections 316213, 316216, 316219, and 316223. |
| | 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. |

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DIVISION 32 - EXTERIOR IMPROVEMENTS

| | | | |
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| 8/05 | 321216 | ASPHALT PAVING | Paving, overlays, and surface treatments. |
| 2/02 | 321313 | CONCRETE PAVING | General applications. |
| 8/02 | 321316 | DECORATIVE CONCRETE PAVING | Surface-imprinted, stamped, stencil-patterned, or stained finish concrete pavement. |
| 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. |
| R 8/04 | 321443 | POROUS UNIT PAVING | Concrete, grid-type and interlocking type with openings between units. |
| 8/03 | 321816.13 | PLAYGROUND PROTECTIVE SURFACING | Impact-attenuating, protective surface systems designed for use under public playground equipment. |
| 8/02 | 323113 | CHAIN LINK FENCES AND GATES | Standard chain-link fencing systems. |
| 8/02 | 323113.53 | HIGH-SECURITY CHAIN LINK FENCES AND GATES | High-security chain-link fencing systems. |
| 8/05 | 323119 | DECORATIVE METAL FENCES AND GATES | Manufactured and custom-designed types. |
| 8/05 | 323223 | SEGMENTAL RETAINING WALLS | Dry-laid concrete masonry unit walls. |
| 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. |
| 3/04 | 332100 | WATER SUPPLY WELLS | Drilled and driven wells and well pumps. |
| 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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