

# MASTERSPEC®

## TABLE OF CONTENTS

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MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

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### DIVISION 01 - GENERAL REQUIREMENTS

02/10	011000	SUMMARY	Summary of the Work, phased construction, purchase contracts, Owner-furnished products, access to site, and work restrictions.
02/10	011200	MULTIPLE CONTRACT SUMMARY	Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.
02/10	012100	ALLOWANCES	Provisions for cash allowances including lump-sum, unit cost, contingency, and testing and inspecting allowances.
02/10	012200	UNIT PRICES	Provisions for unit prices.
02/10	012300	ALTERNATES	Provisions for change-of-scope and cost-comparison type alternates.
02/10	012500	SUBSTITUTION PROCEDURES	Procedural requirements for requests for substitutions during construction.
02/10	012600	CONTRACT MODIFICATION PROCEDURES	Procedural requirements for changes to the Contract.
02/10	012900	PAYMENT PROCEDURES	Administrative requirements for Contractor's Applications for Payment.
02/10	013100	PROJECT MANAGEMENT AND COORDINATION	Administrative requirements for project meetings; preconstruction, preinstallation, and project closeout conferences; RFIs; and project Web sites.
02/10	013200	CONSTRUCTION PROGRESS DOCUMENTATION	Contractor's Construction Schedule including Gantt charts and CPM schedules; Contractor's reports.
02/10	013233	PHOTOGRAPHIC DOCUMENTATION	Construction photographs, video recordings, and web-based photographic documentation.
02/10	013300	SUBMITTAL PROCEDURES	Procedures for Action and Informational Submittals including Delegated-Design Submittals and Submittals Schedule.
02/10	013513.16	SPECIAL PROJECT PROCEDURES FOR DETENTION FACILITIES	Special requirements for detention work including responsibilities of a detention specialist.
02/10	013591	HISTORIC TREATMENT PROCEDURES	General protection and treatment of historic spaces; historic removal and dismantling; and bird-excrement removal.
02/10	014000	QUALITY REQUIREMENTS	Quality-assurance and -control requirements, special tests and inspections, and Contractor's quality-control plan.
02/10	014200	REFERENCES	Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MasterSpec.
02/10	015000	TEMPORARY FACILITIES AND CONTROLS	Temporary utilities and facilities for construction support, security, and protection.
02/10	016000	PRODUCT REQUIREMENTS	Administrative and procedural requirements for product, material, and equipment selection and handling; warranties; and comparable products.
02/10	017300	EXECUTION	General requirements for product installation, cutting and patching, protection, field engineering, and progress cleaning.
02/10	017419	CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL	Salvaging, recycling, and disposing of non-hazardous demolition and construction waste.
02/10	017700	CLOSEOUT PROCEDURES	Contract closeout including Substantial Completion and Final Completion procedures, warranties, and final cleaning.
02/10	017823	OPERATION AND MAINTENANCE DATA	Emergency, operation, and maintenance manuals for products and equipment.
02/10	017839	PROJECT RECORD DOCUMENTS	Record record Drawings, Specifications, and Product Data.
02/10	017900	DEMONSTRATION AND TRAINING	Administrative and procedural requirements for instructing Owner's personnel in operation and maintenance.

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# MASTERSPEC®

## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

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Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)  
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02/10	018113.13	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR NEW CONSTRUCTION AND MAJOR RENOVATIONS	General requirements and procedures for LEED for New Construction and Major Renovations.
02/10	018113.16	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR COMMERCIAL INTERIORS	General requirements and procedures for LEED for Commercial Interiors.
02/10	018113.19	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR CORE AND SHELL DEVELOPMENT	General requirements and procedures for LEED for Core and Shell Development.
02/10	018113.23	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR SCHOOLS	General requirements and procedures for LEED for Schools.
02/10	019113	GENERAL COMMISSIONING REQUIREMENTS	Administrative requirements and procedures for commissioning all systems.

### DIVISION 02 - EXISTING CONDITIONS

02/10	024116	STRUCTURE DEMOLITION	Complete structure removal.
02/10	024119	SELECTIVE STRUCTURE DEMOLITION	Demolition and removal of selected portions of buildings and site elements.

### DIVISION 03 - CONCRETE

02/10	033000	CAST-IN-PLACE CONCRETE	General building and structural applications; concrete mixtures, formwork, reinforcing, finishing, and curing.
02/10	033053	MISCELLANEOUS CAST-IN-PLACE CONCRETE	Cast-in-place concrete for limited applications.
02/10	033300	ARCHITECTURAL CONCRETE	Specially formed, placed, and finished architectural concrete.
02/10	033816	UNBONDED POST-TENSIONED CONCRETE	Post-tensioning reinforcement, encapsulated and non-encapsulated.
02/10	034100	PRECAST STRUCTURAL CONCRETE	Conventional precast structural concrete units.
02/10	034500	PRECAST ARCHITECTURAL CONCRETE	Precast concrete cladding units, insulated units, and masonry-faced units.
02/10	034713	TILT-UP CONCRETE	Wall panels and insulated sandwich panels.
02/10	034900	GLASS-FIBER-REINFORCED CONCRETE (GFRC)	GFRC cladding panels; panel framing.
02/10	035216	LIGHTWEIGHT INSULATING CONCRETE	Mineral-aggregate and foam types.
02/10	035300	CONCRETE TOPPING	High-strength special-aggregate concrete slab toppings.
02/10	035413	GYPSUM CEMENT UNDERLAYMENT	Self-leveling, gypsum-cement-based underlayment.
02/10	035416	HYDRAULIC CEMENT UNDERLAYMENT	Self-leveling, hydraulic-cement-based underlayment.

### DIVISION 04 - MASONRY

02/10	040120	MAINTENANCE OF UNIT MASONRY	Historic and nonhistoric applications for brick and terra cotta.
02/10	040140	MAINTENANCE OF STONE ASSEMBLIES	Historic and nonhistoric applications for stone.
02/10	042000	UNIT MASONRY	CMU, brick, structural-clay facing tile, and stone trim units.
02/10	042113	BRICK MASONRY	Brick veneer over wood- or metal-stud backup.
02/10	042200	CONCRETE UNIT MASONRY	Single-wythe CMU including decorative units.
02/10	042300	GLASS UNIT MASONRY	Glass block installed with mortar, glass block installed with spacers and sealant, and glass-block grid systems.
02/10	044200	EXTERIOR STONE CLADDING	Exterior stone panels.
02/10	044300	STONE MASONRY	Stone veneer laid in mortar.
02/10	047200	CAST STONE MASONRY	Architectural features, facing, trim, and site accessories.

### DIVISION 05 - METALS

02/10	051200	STRUCTURAL STEEL FRAMING	Structural steel framing for buildings.
02/10	051213	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING	Architecturally exposed structural steel framing for buildings.

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# MASTERSPEC®

## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)  
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02/10	052100	STEEL JOIST FRAMING	Standard manufactured open-web units, including steel joists, long-span steel joists, and joist girders.	
02/10	053100	STEEL DECKING	Roof, floor, and form steel deck.	
02/10	054000	COLD-FORMED METAL FRAMING	Load-bearing and exterior non-load-bearing wall studs; floor, ceiling, and roof joists; rafters and roof trusses.	
02/10	055000	METAL FABRICATIONS	Metal items (not sheet metal) made from iron and steel shapes, stainless steel, and non-ferrous metals.	
02/10	055100	METAL STAIRS	Steel; with pan, plate, and grating treads.	
02/10	055213	PIPE AND TUBE RAILINGS	Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing.	
02/10	055300	METAL GRATINGS	Metal and glass-fiber-reinforced plastic gratings.	
02/10	057000	DECORATIVE METAL	Custom fabrications from nonferrous and ferrous metals.	
02/10	057113	FABRICATED METAL SPIRAL STAIRS	Steel and aluminum units with center column and radiating treads.	
02/10	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.	
02/10	057500	DECORATIVE FORMED METAL	Custom sheet metal fabrications; no flashing.	
<b>DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES</b>				
02/10	061000	ROUGH CARPENTRY	Wood framing, furring, grounds, nailers, and blocking.	
02/10	061053	MISCELLANEOUS ROUGH CARPENTRY	Minor wood framing, furring, grounds, nailers, and blocking.	
02/10	061063	EXTERIOR ROUGH CARPENTRY	Elevated decks and other exterior wood construction.	
02/10	061323	HEAVY TIMBER CONSTRUCTION	Solid timber framing.	
02/10	061500	WOOD DECKING	Solid and laminated T & G decking.	
02/10	061600	SHEATHING	Roof and wall sheathing, subflooring, and underlayment. Includes wood, non-wood, and composite products.	
02/10	061753	SHOP-FABRICATED WOOD TRUSSES	Metal-plate-connected members.	
02/10	061800	GLUED-LAMINATED CONSTRUCTION	Glued-laminated structural framing.	
02/10	062013	EXTERIOR FINISH CARPENTRY	Exposed and nonstructural.	
02/10	062023	INTERIOR FINISH CARPENTRY	Exposed and nonstructural.	
D	02/10	064013	EXTERIOR ARCHITECTURAL WOODWORK	Trim, door frames, shutters, and ornamental items.
D	02/10	064023	INTERIOR ARCHITECTURAL WOODWORK	Trim, cabinets, tops, paneling, stairs, and ornamental items.
N	02/10	064113	WOOD-VENEER-FACED ARCHITECTURAL CABINETS	Custom-made veneer-faced cabinets.
N	02/10	064116	PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS	Custom-made plastic-laminate cabinets.
N	02/10	064213	STILE AND RAIL WOOD PANELING	Solid-wood and veneered stile and rail paneling; transparent finished and opaque finished.
N	02/10	064216	FLUSH WOOD PANELING	Veneer-faced flush panels.
N	02/10	064219	PLASTIC-LAMINATE-FACED WOOD PANELING	Plastic-laminate-faced flush panels.
N	02/10	064300	WOOD STAIRS AND RAILINGS	Shop-assembled wood stairs and railings.
N	02/10	064400	ORNAMENTAL WOODWORK	Miscellaneous shop-assembled woodwork items.
N	02/10	064600	WOOD TRIM	Standing and running trim.
N	02/10	064800	WOOD FRAMES	Shop-assembled wood door and window frames.
N	02/10	064919	EXTERIOR WOOD SHUTTERS	Wood shutters.
	02/10	066400	PLASTIC PANELING	Glass-fiber-reinforced plastic paneling.

### DIVISION 07 - THERMAL AND MOISTURE PROTECTION

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# MASTERSPEC®

## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
Copyright 2010 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA			
02/10	070150.19	PREPARATION FOR RE-ROOFING	Preparation for low-slope reroofing - tear-off and re-cover situations.
02/10	071113	BITUMINOUS DAMPPROOFING	Hot- and cold-applied asphaltic dampproofing.
02/10	071326	SELF-ADHERING SHEET WATERPROOFING	Self-adhering modified bituminous and adhesive-coated HDPE sheet; drainage panels; concrete pavers.
02/10	071353	ELASTOMERIC SHEET WATERPROOFING	Butyl and EPDM sheet; drainage panels; concrete pavers.
02/10	071354	THERMOPLASTIC SHEET WATERPROOFING	PVC sheet; drainage panels; concrete pavers.
02/10	071413	HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING	Hot, rubberized-asphalt waterproofing for plaza deck and below-grade walls.
02/10	071416	COLD FLUID-APPLIED WATERPROOFING	Polyurethane, polyester, and latex-rubber types.
02/10	071800	TRAFFIC COATINGS	Cold liquid-applied waterproof-barrier coatings with integral wearing surface.
02/10	071900	WATER REPELLENTS	Clear and pigmented penetrating, film-forming, and MPI-approved types.
02/10	072100	THERMAL INSULATION	General building insulation installed at project site, excluding roofing insulation.
02/10	072413	POLYMER-BASED EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	Composite flexible coating and inner layer of rigid, cellular thermal insulation.
02/10	072419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	Composite flexible coating and inner layer of extruded-polystyrene board insulation with water drainage.
02/10	072500	WEATHER BARRIERS	Building paper and building wrap weather-resistive barriers and flexible flashing.
02/10	072713	MODIFIED BITUMINOUS SHEET AIR BARRIERS	Vapor-retarding, modified bituminous sheet type.
02/10	072726	FLUID-APPLIED MEMBRANE AIR BARRIERS	Elastomeric, modified bituminous and synthetic polymer membranes about 40 mils (1.0 mm) and thicker; vapor retarding and vapor permeable types.
02/10	072729	AIR-BARRIER COATINGS	Elastomeric, modified bituminous, and synthetic polymer coatings about 20 mils (0.5 mm) and thinner; vapor retarding and vapor permeable types.
02/10	073113	ASPHALT SHINGLES	Glass-fiber and organic-felt reinforced asphalt shingles.
02/10	073129	WOOD SHINGLES AND SHAKES	Wood shingles and shakes for roofing and walls.
02/10	073213	CLAY ROOF TILES	Clay tile roofing; flashing and accessories.
02/10	073216	CONCRETE ROOF TILES	Concrete tile roofing; flashing and accessories.
02/10	074113	METAL ROOF PANELS	Factory-formed lap-seam, standing-seam, batten-seam, horizontal-seam and foamed-insulation-core metal roof panels.
02/10	074213	METAL WALL PANELS	Factory-formed, single-skin, face-fastened metal wall, liner, and soffit panels.
02/10	074216	INSULATED-CORE METAL WALL PANELS	Factory-formed metal wall panels with foamed- and laminated-insulation cores and honeycomb cores.
02/10	074219	METAL PLATE WALL PANELS	Factory-formed, aluminum- and copper-plate metal wall panels.
02/10	074243	COMPOSITE WALL PANELS	Factory-formed, metal-faced composite wall panels with thin thermoplastic cores.
02/10	074600	SIDING	Aluminum, fiber-cement, and vinyl siding and soffit.
02/10	075113	BUILT-UP ASPHALT ROOFING	Hot built-up asphalt roofing; roofing insulation.
02/10	075116	BUILT-UP COAL TAR ROOFING	Hot built-up coal-tar roofing; roofing insulation.
02/10	075213	ATACTIC-POLYPROPYLENE (APP) MODIFIED BITUMINOUS MEMBRANE ROOFING	APP-modified bituminous membrane roofing; roofing insulation.
02/10	075216	STYRENE-BUTADIENE-STYRENE (SBS) MODIFIED BITUMINOUS MEMBRANE ROOFING	SBS-modified bituminous membrane roofing; roofing insulation.

N = NEW U = UPDATE R = REVISION

# MASTERSPEC®

## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)  
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02/10	075316	CHLOROSULFONATE-POLYETHYLENE (CSPE) ROOFING	Adhered, mechanically fastened, and loosely laid CSPE systems.
02/10	075323	ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING	Adhered, mechanically fastened, and loosely laid EPDM systems.
02/10	075416	ETHYLENE INTERPOLYMER (KEE) ROOFING	Adhered, mechanically fastened, and loosely laid KEE systems.
02/10	075419	POLYVINYL-CHLORIDE (PVC) ROOFING	Adhered, mechanically fastened, and loosely laid PVC systems.
02/10	075423	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING	Adhered, mechanically fastened, and loosely laid TPO systems.
02/10	075552	MODIFIED BITUMINOUS PROTECTED MEMBRANE ROOFING	APP- and SBS-modified bituminous protected membrane roofing; roofing insulation and ballast.
02/10	076100	SHEET METAL ROOFING	Custom-fabricated and on-site, roll-formed sheet metal roofing.
02/10	076200	SHEET METAL FLASHING AND TRIM	Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets.
02/10	077100	ROOF SPECIALTIES	Manufactured copings, roof-edge flashings and drainage systems, and counter flashings.
02/10	077200	ROOF ACCESSORIES	Roof curbs, equipment supports, roof hatches, heat and smoke vents, gravity ventilators, pipe supports, roof walkways and stairs, and preformed flashing sleeves.
02/10	078100	APPLIED FIREPROOFING	Cementitious and mineral-fiber fire-resistive materials classified as SFRM.
02/10	078123	INTUMESCENT MASTIC FIREPROOFING	Mastic or intumescent fire-resistive coatings, including intumescent and subliming types.
02/10	078413	PENETRATION FIRESTOPPING	Systems installed in fire-resistance-rated walls, horizontal assemblies, and smoke barriers.
02/10	078446	FIRE-RESISTIVE JOINT SYSTEMS	Systems installed in or between fire-rated construction, at exterior curtain wall/floor intersections, and in smoke barriers.
02/10	079200	JOINT SEALANTS	Elastomeric, latex, solvent-release-curing, preformed, and acoustical sealants.
02/10	079500	EXPANSION CONTROL	For building interiors and exteriors and open-air structures.

### DIVISION 08 - OPENINGS

U	02/10	081113	HOLLOW METAL DOORS AND FRAMES	Hollow-metal doors and frames for commercial and residential use.
N	02/10	081213	HOLLOW METAL FRAMES	Hollow-metal frames for commercial and residential use.
	02/10	081416	FLUSH WOOD DOORS	Wood-veneer, hardboard, and plastic-laminate-faced units.
	02/10	081433	STILE AND RAIL WOOD DOORS	Stock and custom units including fire-rated doors and frames.
	02/10	083113	ACCESS DOORS AND FRAMES	Wall, ceiling, and floor units.
	02/10	083213	SLIDING ALUMINUM-FRAMED GLASS DOORS	For exterior locations.
	02/10	083219	SLIDING WOOD-FRAMED GLASS DOORS	For exterior locations.
	02/10	083323	OVERHEAD COILING DOORS	Galvanized-steel, stainless-steel, and aluminum curtain assemblies.
	02/10	083326	OVERHEAD COILING GRILLES	Open-curtain and closed-curtain assemblies.
	02/10	083513	FOLDING DOORS	Accordion and panel folding doors, metal bifold doors, bifold mirror doors, and fire-rated folding doors.
	02/10	083613	SECTIONAL DOORS	Manual and electric garage-type doors with steel, wood, aluminum, and translucent sections.

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# MASTERSPEC®

## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)  
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02/10	084113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	Storefront framing, entrance doors, and hardware; and framing for window walls, ribbon walls, and punched openings.
02/10	084126	ALL-GLASS ENTRANCES AND STOREFRONTS	All-glass entrance doors and hardware, sidelights, and storefronts.
02/10	084229	AUTOMATIC ENTRANCES	Swinging, sliding, and folding units.
02/10	084233	REVOLVING DOOR ENTRANCES	Standard entrance units.
02/10	084413	GLAZED ALUMINUM CURTAIN WALLS	Conventionally glazed aluminum curtain walls.
02/10	085113	ALUMINUM WINDOWS	Stock aluminum windows; most standard types.
02/10	085123	STEEL WINDOWS	Hot-rolled and cold formed.
02/10	085200	WOOD WINDOWS	Stock wood windows; most standard types.
02/10	085313	VINYL WINDOWS	Stock vinyl windows; most standard types.
02/10	085413	FIBERGLASS WINDOWS	Stock fiberglass windows; most standard type.
02/10	086200	UNIT SKYLIGHTS	Standard factory-assembled units, with or without integral curbs.
02/10	086300	METAL-FRAMED SKYLIGHTS	Custom-designed aluminum-framed units with insulating glass or plastic lites.
02/10	087100	DOOR HARDWARE	For specifying door hardware by using a schedule that names products or indicates BHMA designations.
02/10	088000	GLAZING	Plain, wired, patterned, laminated, insulating, and fire-rated glass.
02/10	088300	MIRRORS	Wall mounted, unframed, silvered flat glass mirrors.
02/10	089000	LOUVERS AND VENTS	Fixed and adjustable louvers; wall vents.

### DIVISION 09 - FINISHES

02/10	092116.23	GYPSUM BOARD SHAFT WALL ASSEMBLIES	Fire-resistance-rated vertical shaft and horizontal enclosures, including metal framing.
02/10	092216	NON-STRUCTURAL METAL FRAMING	Steel framing for gypsum board and plaster partitions and ceilings.
02/10	092300	GYPSUM PLASTERING	Gypsum plaster on expanded-metal lath, unit masonry, and concrete.
02/10	092400	PORTLAND CEMENT PLASTERING	Portland cement plaster (stucco) on metal lath, unit masonry, and concrete; exterior and interior.
02/10	092613	GYPSUM VENEER PLASTERING	Applied on gypsum base panels, unit masonry, or monolithic concrete.
02/10	092900	GYPSUM BOARD	Interior gypsum board, exterior gypsum board for ceilings and soffits, and tile backing boards.
02/10	093000	TILING	Ceramic mosaic, quarry, paver, and wall tile.
02/10	093033	STONE TILING	Thin, modular, cut stone units.
02/10	095113	ACOUSTICAL PANEL CEILINGS	Mineral-base, glass-fiber-base, and ceramic- and mineral-base panels with exposed suspension systems.
02/10	095123	ACOUSTICAL TILE CEILINGS	Mineral-base tile with concealed suspension systems, and direct-attached acoustical tile.
02/10	095133	ACOUSTICAL METAL PAN CEILINGS	Lay-in, clip-in, and torsion-spring-hinged metal pans with exposed suspension systems.
02/10	095423	LINEAR METAL CEILINGS	Strip, decorative metal systems.
02/10	095443	STRETCHED-FABRIC CEILING SYSTEMS	Site-assembled and -upholstered fabric systems for ceilings.
02/10	096313	BRICK FLOORING	Interior applications only.
02/10	096340	STONE FLOORING	Exterior and interior stone traffic surfaces.
02/10	096400	WOOD FLOORING	Solid- and engineered-wood flooring, field- and factory-finished.

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# MASTERSPEC®

## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)  
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02/10	096513	RESILIENT BASE AND ACCESSORIES	Resilient base, stair accessories, and molding accessories.	
02/10	096516	RESILIENT SHEET FLOORING	Vinyl and rubber sheet floor coverings.	
02/10	096519	RESILIENT TILE FLOORING	Solid vinyl, rubber, vinyl composition, and resilient terrazzo floor tiles.	
02/10	096613	PORTLAND CEMENT TERRAZZO FLOORING	Poured-in-place portland cement terrazzo and rustic terrazzo flooring, and precast terrazzo units.	
02/10	096623	RESINOUS MATRIX TERRAZZO FLOORING	Thin-set, epoxy-resin terrazzo flooring and precast terrazzo units.	
02/10	096813	TILE CARPETING	Modular carpet tile for commercial applications.	
02/10	096816	SHEET CARPETING	Tufted and woven commercial carpet and carpet cushion.	
02/10	096900	ACCESS FLOORING	Modular floor panels and support systems.	
02/10	097200	WALL COVERINGS	Vinyl, textile, and woven glass-fiber wall coverings, and wallpaper.	
02/10	097500	STONE FACING	Dimension stone facings including trim.	
02/10	098433	SOUND-ABSORBING WALL UNITS	Shop-fabricated, fabric-wrapped, sound-absorbing, sound-diffusing, and sound-reflecting wall panels tested for acoustical performance.	
02/10	098436	SOUND-ABSORBING CEILING UNITS	Shop-fabricated, fabric-wrapped, sound-absorbing, sound-diffusing, and sound-reflecting panels and sound-absorbing baffle panels applied to ceilings or suspended.	
02/10	099113	EXTERIOR PAINTING	Exterior painting.	
02/10	099123	INTERIOR PAINTING	Interior painting.	
02/10	099300	STAINING AND TRANSPARENT FINISHING	For interior and exterior wood.	
02/10	099600	HIGH-PERFORMANCE COATINGS	Tile-like coatings for use on exterior and interior substrates.	
<b>DIVISION 10 - SPECIALTIES</b>				
02/10	101100	VISUAL DISPLAY SURFACES	Chalkboards, markerboards, tackboards, sliding units, conference units, and electronic markerboards.	
02/10	101200	DISPLAY CASES	Illuminated and nonilluminated types.	
02/10	101300	DIRECTORIES	Illuminated and nonilluminated types with changeable message strips or changeable letters.	
D	02/10	101400	SIGNAGE	Exterior and interior signs, letters, and plaques.
N	02/10	101416	PLAQUES	One-piece, cast or etched, solid-metal plaques.
N	02/10	101419	DIMENSIONAL LETTER SIGNAGE	Individually mounted dimensional characters and illuminated dimensional characters that are combined to form signs.
N	02/10	101423	PANEL SIGNAGE	Panel signs, illuminated panel signs, and field-applied, vinyl-character signs.
U	02/10	101426	POST AND PANEL/PYLON SIGNAGE	Illuminated and nonilluminated, freestanding panel signs that are supported by posts or configured as pylons.
02/10	101700	TELEPHONE SPECIALTIES	Telephone booths, enclosures, housings, outdoor boxes, kiosks, and directory storage units.	
02/10	102113	TOILET COMPARTMENTS	Steel, stainless-steel, plastic laminate, phenolic-core, and solid-polymer toilet enclosures, entrance screens, and urinal screens.	
02/10	102116	SHOWER AND DRESSING COMPARTMENTS	Steel, stainless-steel, phenolic-core, and solid-polymer shower and dressing compartments; plastic laminate dressing compartments; and shower receptors.	
02/10	102213	WIRE MESH PARTITIONS	Standard- and heavy-duty partitions, ceilings, storage lockers, railing insert panels, and equipment barriers.	

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## TABLE OF CONTENTS

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MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

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02/10	102226	OPERABLE PARTITIONS	Manually and electrically operated partitions; acoustical, fire rated, and glazed panels.
02/10	102226.13	ACCORDION FOLDING PARTITIONS	Acoustically and fire-rated, manually and electrically operated accordion folding partitions.
02/10	102600	WALL AND DOOR PROTECTION	Protection for walls, corners, and door edges.
02/10	102800	TOILET, BATH, AND LAUNDRY ACCESSORIES	Standard commercial, institutional, and residential units.
02/10	104413	FIRE EXTINGUISHER CABINETS	Fire-protection cabinets and security fire-protection cabinets.
02/10	104416	FIRE EXTINGUISHERS	Portable and wheeled fire extinguishers.
02/10	105113	METAL LOCKERS	Standard, heavy-duty, athletic, open-front athletic, and coin-operated types.
02/10	105500	POSTAL SPECIALTIES	Mail receptacles, cluster box units, neighborhood delivery and collection box units, parcel lockers, collection boxes, data distribution boxes, and mail chutes.
02/10	105626	MOBILE STORAGE SHELVING	Shelving units mounted on wheeled carriages on tracks.
02/10	107500	FLAGPOLES	Aluminum, bronze, stainless-steel, steel, and fiberglass flagpoles.
<b>DIVISION 11 - EQUIPMENT</b>			
02/10	110513	COMMON MOTOR REQUIREMENTS FOR EQUIPMENT	Universal default values for small and medium, ac motors.
02/10	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.
02/10	111300	LOADING DOCK EQUIPMENT	Dock bumpers, levelers, lifts, seals, shelters; truck restraints, light communication systems, and transparent-strip door curtains.
02/10	112600	UNIT KITCHENS	Standard metal, plastic-laminate, and wood types.
02/10	113100	RESIDENTIAL APPLIANCES	Major kitchen and laundry appliances.
02/10	114000	FOODSERVICE EQUIPMENT	Commercial foodservice equipment.
02/10	115213	PROJECTION SCREENS	Front and rear projection screens.
02/10	116123	FOLDING AND PORTABLE STAGES	Portable stages, risers, and acoustical shells.
02/10	116143	STAGE CURTAINS	Stage curtain fabrics, draw-curtain tracks, and rigging accessories.
02/10	116623	GYMNASIUM EQUIPMENT	Indoor badminton, basketball, volleyball, and exercise equipment, and safety pads.
02/10	116653	GYMNASIUM DIVIDERS	Gymnasium divider curtains.
02/10	118226	FACILITY WASTE COMPACTORS	Commercial, wet- or dry-waste compactor units.
<b>DIVISION 12 - FURNISHINGS</b>			
02/10	122113	HORIZONTAL LOUVER BLINDS	Manually and motor-operated horizontal louver blinds.
02/10	122116	VERTICAL LOUVER BLINDS	Manually and motor-operated vertical louver blinds.
02/10	122200	CURTAINS AND DRAPES	Draperies and manually operated and motorized drapery tracks.
02/10	122413	ROLLER WINDOW SHADES	Manually and motor-operated roller shades installed vertically or at skylights.
02/10	123530	RESIDENTIAL CASEWORK	Manufactured cabinets and plastic-laminate countertops.
N 02/10	123619	WOOD COUNTERTOPS	Wide-width solid-wood, butcher-block, and veneered tops.
N 02/10	123623.13	PLASTIC-LAMINATE-CLAD COUNTERTOPS	Plastic-laminate countertops.
02/10	123640	STONE COUNTERTOPS	Made from dimension stone slabs.

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# MASTERSPEC®

## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)  
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	02/10 123661	SIMULATED STONE COUNTERTOPS	Cultured marble, quartz agglomerate, and solid surface material countertops, including integral sinks.
	02/10 124813	ENTRANCE FLOOR MATS AND FRAMES	Recessed and surface-applied flexible floor mats and frames.
	02/10 124816	ENTRANCE FLOOR GRILLES	Rigid treads with various surfaces; recessed metal frames.
U	02/10 126100	FIXED AUDIENCE SEATING	Upholstered and unupholstered assembly-space seating for interior or exterior applications; also continuous lecture-hall tables.
	02/10 126600	TELESCOPING STANDS	Standard systems; manual, motorized.
<b>DIVISION 13 - SPECIAL CONSTRUCTION</b>			
	02/10 132416	SAUNAS	Modular and precut saunas, with heaters and accessories.
	02/10 133419	METAL BUILDING SYSTEMS	Systems consisting of structural framing, roofing and siding panels, and standard components.
	02/10 133423	FABRICATED STRUCTURES	Freestanding, prefabricated steel and aluminum control booths.
<b>DIVISION 14 - CONVEYING EQUIPMENT</b>			
	02/10 141000	DUMBWAITERS	Preengineered, hand and power operated.
	02/10 142100	ELECTRIC TRACTION ELEVATORS	Passenger and service elevators, traction drive, including machine-room-less type.
	02/10 142400	HYDRAULIC ELEVATORS	Passenger and service elevators, direct hydraulic and roped hydraulic units.
	02/10 143100	ESCALATORS	Standard and high-traffic, interior and exterior units.
	02/10 149100	FACILITY CHUTES	Chutes for trash and laundry.
<b>DIVISION 22 - PLUMBING</b>			
	03/10 221113	FACILITY WATER DISTRIBUTION PIPING	Utility service, domestic, and fire-protection water, specialties, and valves.
	03/10 221313	FACILITY SANITARY SEWERS	Sanitary sewerage and underground structures outside the building.
	03/10 221319	SANITARY WASTE PIPING SPECIALTIES	Floor, trench, and channel drains; interceptors; and piping specialties.
	03/10 221413	FACILITY STORM DRAINAGE PIPING	Stormwater piping within the building.
	03/10 221423	STORM DRAINAGE PIPING SPECIALTIES	Roof drains, cleanouts, trench drains, channel drains, and piping specialties.
	03/10 224100	RESIDENTIAL PLUMBING FIXTURES	Residential water closets, lavatories, sinks, bathtubs, and shower receptors and basins.
	03/10 224213.13	COMMERCIAL WATER CLOSETS	Commercial water closets, supports, flushometer valves, and supplies.
	03/10 224213.16	COMMERCIAL URINALS	Commercial urinals, supports, and flushometer valves.
	03/10 224216.13	COMMERCIAL LAVATORIES	Commercial lavatories, supports, faucets, traps, and supplies.
	03/10 224216.16	COMMERCIAL SINKS	Commercial sinks, supports, faucets, traps, and supplies.
	03/10 224223	COMMERCIAL SHOWERS, RECEPTORS, AND BASINS	Shower receptors, basins, enclosures, faucets, and heads.
	03/10 224233	WASH FOUNTAINS	Stone, metal, and plastic wash fountains.
	03/10 224300	MEDICAL PLUMBING FIXTURES	Plumbing fixtures for healthcare facilities.
	03/10 224500	EMERGENCY PLUMBING FIXTURES	Individual and combination emergency eyewash and shower units.
	03/10 224713	DRINKING FOUNTAINS	Pedestal, antifreeze pedestal, wheelchair accessible, wall mounted.

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# MASTERSPEC®

## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)  
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03/10 224716 PRESSURE WATER COOLERS Freestanding, wall mounted, and wheelchair accessible.

03/10 224723 REMOTE WATER COOLERS Remote water chillers.

### DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING

03/10 230800 COMMISSIONING OF HVAC Administrative requirements and procedures for commissioning HVAC systems.

03/10 231113 FACILITY FUEL-OIL PIPING Transfer and storage equipment and piping.

03/10 231123 FACILITY NATURAL-GAS PIPING Natural gas piping and specialties.

03/10 231126 FACILITY LIQUEFIED-PETROLEUM GAS PIPING LP gas piping, specialties, and storage equipment.

03/10 232113.33 GROUND-LOOP HEAT-PUMP PIPING Horizontal and vertical, direct-buried, ground-loop piping.

03/10 233713 DIFFUSERS, REGISTERS, AND GRILLES Round, rectangular, perforated, and linear diffusers; fixed and adjustable registers and grilles.

### DIVISION 26 - ELECTRICAL

03/10 265100 INTERIOR LIGHTING Interior fixtures, lamps, and ballasts; emergency lighting; exit signs.

03/10 265600 EXTERIOR LIGHTING Exterior luminaires including poles and standards.

### DIVISION 31 - EARTHWORK

02/10 311000 SITE CLEARING Clearing, grubbing, vegetation protection, topsoil stripping, and disconnecting utilities.

02/10 312000 EARTH MOVING Excavating, filling and backfilling, compaction, and grading.

02/10 312319 DEWATERING Construction dewatering and groundwater controls.

02/10 313116 TERMITE CONTROL Control by treatment of soil with termiticides, installation of bait stations to dispense termiticides, and installation of permanent metal mesh barriers.

02/10 315000 EXCAVATION SUPPORT AND PROTECTION Soldier piles and lagging, sheet piling, and tiebacks.

02/10 316213 CONCRETE PILES Driven precast prestressed concrete piles, solid and hollow.

02/10 316216 STEEL PILES Driven steel H-section piles.

02/10 316219 TIMBER PILES Driven preservative-treated round timber piles.

02/10 316223 COMPOSITE PILES Driven concrete-filled steel shell and steel pipe piles.

02/10 316329 DRILLED CONCRETE PIERS AND SHAFTS Dry-installed and slurry-displacement-installed types.

### DIVISION 32 - EXTERIOR IMPROVEMENTS

02/10 321216 ASPHALT PAVING Paving, overlays, and surface treatments.

02/10 321313 CONCRETE PAVING Concrete paving for site construction applications.

02/10 321373 CONCRETE PAVING JOINT SEALANTS Sealants for concrete and asphalt pavement joints.

02/10 321400 UNIT PAVING Brick, asphalt, concrete, and rough stone pavers on aggregate, mortar, and bituminous setting beds.

02/10 323113 CHAIN LINK FENCES AND GATES Standard chain-link fencing systems.

02/10 328400 PLANTING IRRIGATION Heads, pipes, and controls.

02/10 329200 TURF AND GRASSES Seeded, sodded, plugged, and sprigged turf and meadows; planting soils; pesticides; erosion-control materials; turf renovation; and grass paving.

02/10 329300 PLANTS Plants, planting soils, pesticides, tree-stabilization materials, edgings, and tree grates.

### DIVISION 33 - UTILITIES

03/10 330500 COMMON WORK RESULTS FOR UTILITIES Basic piping materials and methods.

03/10 332100 WATER SUPPLY WELLS Drilled and driven wells and well pumps.

03/10 334100 STORM UTILITY DRAINAGE PIPING Gravity and forced storm piping, underground structures, and specialties.

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## TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY  
Full Length Basic

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

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03/10	334600	SUBDRAINAGE	Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas.
03/10	334713	POND AND RESERVOIR LINERS	Geomembrane liners and covers.

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