

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)

Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

DIVISION 01 - GENERAL REQUIREMENTS

	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.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

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,

N = NEW U = UPDATE R = REVISION

MASTERSPEC[®]

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

			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.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

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.

N = NEW U = UPDATE R = REVISION

MASTERSPEC[®]

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
Copyright 2006 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA			
	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.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

	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.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

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.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

	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

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

	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.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

TANKS

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.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

ARCHITECTURAL/STRUCTURAL/CIVIL LIBRARY
Short Form Expanded (Basic and Supplemental)

MasterFormat 2004 Version

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

Copyright 2006 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

DIVISION 32 - EXTERIOR IMPROVEMENTS

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.

N = NEW U = UPDATE R = REVISION