

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
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MasterFormat 2012 Version

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

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DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

| | | | |
|-------|--------|--|---|
| 02/12 | 000101 | PROJECT TITLE PAGE | Project Manual title page |
| 02/12 | 000107 | SEALS PAGE | For seals of design professionals on Project Manual. |
| 08/10 | 000115 | LIST OF DRAWING SHEETS | List of Drawings. |
| 08/10 | 000120 | LIST OF SCHEDULES | For a list of separately bound schedules. |
| 08/10 | 001113 | ADVERTISEMENT FOR BIDS | For use on public projects. |
| 08/10 | 001115 | ADVERTISEMENT FOR PREQUALIFICATION OF BIDDERS | For use on public projects. |
| 08/10 | 001116 | INVITATION TO BID | For use on private projects. |
| 02/12 | 001153 | REQUEST FOR QUALIFICATIONS | For use on public projects. |
| 08/10 | 002113 | INSTRUCTIONS TO BIDDERS | Incorporates AIA A701 by reference. |
| 08/10 | 002213 | SUPPLEMENTARY INSTRUCTIONS TO BIDDERS | For use with AIA A701. |
| 08/10 | 002513 | PREBID MEETINGS | Sets date, time, place, and terms for prebid meetings. |
| 08/10 | 002600 | PROCUREMENT SUBSTITUTION PROCEDURES | Substitution procedures during bidding. |
| 08/10 | 003113 | PRELIMINARY SCHEDULE | Preliminary schedule. |
| 08/10 | 003119 | EXISTING CONDITION INFORMATION | References documents for survey and as-built information. |
| 08/10 | 003126 | EXISTING HAZARDOUS MATERIAL INFORMATION | References documents for existing hazardous materials. |
| 08/10 | 003132 | GEOTECHNICAL DATA | References documents for geotechnical data. |
| 08/10 | 003143 | PERMIT APPLICATION | Indicates responsibility for building permit application. |
| 02/12 | 004113 | BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT) | Fixed price, single prime. |
| 02/12 | 004116 | BID FORM - STIPULATED SUM (MULTIPLE-PRIME CONTRACT) | Fixed price, multiple prime. |
| 02/12 | 004123 | BID FORM - CONSTRUCTION MANAGEMENT (SINGLE-PRIME CONTRACT) | Fixed price, construction management, single prime. |
| 02/12 | 004126 | BID FORM - CONSTRUCTION MANAGEMENT (MULTIPLE-PRIME CONTRACT) | Fixed price, construction management, multiple prime. |
| 02/12 | 004133 | BID FORM - COST-PLUS-FEE (SINGLE-PRIME CONTRACT) | Cost plus, with or without guaranteed maximum. |
| 08/10 | 004313 | BID SECURITY FORMS | References AIA A310. |
| 02/12 | 004321 | ALLOWANCE FORM | Attachment for Bid Form. |
| 02/12 | 004322 | UNIT PRICES FORM | Attachment for Bid Form. |
| 02/12 | 004323 | ALTERNATES FORM | Attachment for Bid Form. |
| 08/10 | 004373 | PROPOSED SCHEDULE OF VALUES FORM | Attachment for Bid Form. |
| 02/12 | 004393 | BID SUBMITTAL CHECKLIST | Attachment for Bid Form. |
| 02/12 | 005100 | NOTICE OF AWARD | For notifying successful bidder. |
| 08/10 | 006000 | PROJECT FORMS | References Agreement, General Conditions, and administrative forms. |
| 02/12 | 009113 | ADDENDUM | For notifying bidders of changes. |

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. |
| U 05/12 | 012300 | ALTERNATES | Provisions for change-of-scope and cost-comparison type alternates. |

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MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|---|--|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 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. |
| 02/11 | 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. |
| 08/11 | 013513.16 | SPECIAL PROJECT PROCEDURES FOR DETENTION FACILITIES | Special requirements for detention work including responsibilities of a detention specialist. |
| 02/10 | 014000 | QUALITY REQUIREMENTS | Quality-assurance and -control requirements, special tests and inspections, and Contractor's quality-control plan. |
| 02/12 | 014200 | REFERENCES | Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MasterSpec. |
| 02/11 | 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. |
| 08/11 | 017300 | EXECUTION | General requirements for product installation, cutting and patching, protection, field engineering, and progress cleaning. |
| 02/11 | 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. |
| 02/12 | 018113.13 | SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR NEW CONSTRUCTION AND MAJOR RENOVATIONS | General requirements and procedures for LEED for New Construction and Major Renovations. |
| U 05/12 | 018113.16 | SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR COMMERCIAL INTERIORS | General requirements and procedures for LEED for Commercial Interiors. |
| 02/12 | 018113.19 | SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR CORE AND SHELL DEVELOPMENT | General requirements and procedures for LEED for Core and Shell Development. |
| 02/12 | 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 | | | |
| 02/11 | 024116 | STRUCTURE DEMOLITION | Complete structure removal. |

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MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|--|--|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 02/11 | 024119 | SELECTIVE DEMOLITION | Demolition and removal of selected portions of buildings and site elements. |
| DIVISION 03 - CONCRETE | | | |
| U 05/12 | 033000 | CAST-IN-PLACE CONCRETE | General building and structural applications; concrete mixtures, formwork, reinforcing, finishing, and curing. |
| 08/11 | 033053 | MISCELLANEOUS CAST-IN-PLACE CONCRETE | Cast-in-place concrete for limited applications. |
| U 05/12 | 033300 | ARCHITECTURAL CONCRETE | Specially formed, placed, and finished architectural concrete. |
| 02/10 | 033816 | UNBONDED POST-TENSIONED CONCRETE | Post-tensioning reinforcement, encapsulated and non-encapsulated. |
| 08/11 | 034100 | PRECAST STRUCTURAL CONCRETE | Conventional precast structural concrete units. |
| 08/11 | 034500 | PRECAST ARCHITECTURAL CONCRETE | Precast concrete cladding units, insulated units, and masonry-faced units. |
| U 05/12 | 034713 | TILT-UP CONCRETE | Wall panels and insulated sandwich panels. |
| U 05/12 | 034900 | GLASS-FIBER-REINFORCED CONCRETE (GFRC) | GFRC cladding panels; panel framing. |
| 02/10 | 035216 | LIGHTWEIGHT INSULATING CONCRETE | Mineral-aggregate and foam types. |
| 02/11 | 035300 | CONCRETE TOPPING | High-strength special-aggregate concrete slab toppings. |
| 02/11 | 035416 | HYDRAULIC CEMENT UNDERLAYMENT | Self-leveling, hydraulic-cement-based underlayment. |
| DIVISION 04 - MASONRY | | | |
| U 05/12 | 040120 | MAINTENANCE OF UNIT MASONRY | Historic and nonhistoric applications for brick and terra cotta. |
| U 05/12 | 040140 | MAINTENANCE OF STONE ASSEMBLIES | Historic and nonhistoric applications for stone. |
| 02/11 | 042000 | UNIT MASONRY | CMU, brick, structural-clay facing tile, and stone trim units. |
| 02/12 | 042113 | BRICK MASONRY | Brick veneer over wood- or metal-stud backup. |
| 02/11 | 042200 | CONCRETE UNIT MASONRY | Single-wythe CMU including decorative units. |
| 02/11 | 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. |
| U 05/12 | 044313.13 | ANCHORED STONE MASONRY VENEER | Stone laid in mortar and anchored to backup with masonry veneer anchors. |
| U 05/12 | 044313.16 | ADHERED STONE MASONRY VENEER | Stone adhered to backup with mortar; not anchored. |
| 02/11 | 047200 | CAST STONE MASONRY | Architectural features, facing, trim, and site accessories. |
| DIVISION 05 - METALS | | | |
| 11/11 | 051200 | STRUCTURAL STEEL FRAMING | Structural steel framing for buildings. |
| 11/11 | 051213 | ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING | Architecturally exposed structural steel framing for buildings. |
| 08/10 | 052100 | STEEL JOIST FRAMING | Standard manufactured open-web units, including steel joists, long-span steel joists, and joist girders. |
| 02/11 | 053100 | STEEL DECKING | Roof, floor, and form steel deck. |
| 05/10 | 054000 | COLD-FORMED METAL FRAMING | Load-bearing and exterior non-load-bearing wall studs; floor, ceiling, and roof joists; and rafters. |
| 02/11 | 054400 | COLD-FORMED METAL TRUSSES | Cold-formed steel trusses for roofs and floors. |
| 02/12 | 055000 | METAL FABRICATIONS | Metal items (not sheet metal) made from iron and steel shapes, stainless steel, and non-ferrous metals. |
| 02/12 | 055113 | METAL PAN STAIRS | Steel stairs with either metal pan or abrasive-finished metal treads. |
| 02/12 | 055116 | METAL FLOOR PLATE STAIRS | Steel stairs with metal floor plate treads. |
| 02/12 | 055119 | METAL GRATING STAIR | Steel stairs with steel-bar-grating treads. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

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

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| | | | |
|-------|--------|---------------------------|--|
| 02/12 | 055213 | PIPE AND TUBE RAILINGS | Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing. |
| 02/12 | 055313 | BAR GRATINGS | Metal bar gratings and frames. |
| 02/12 | 055316 | PLANK GRATINGS | Metal plank gratings and frames. |
| 02/12 | 055319 | EXPANDED METAL GRATINGS | Expanded metal gratings and frames. |
| 02/12 | 057000 | DECORATIVE METAL | Custom fabrications from nonferrous and ferrous metals. |
| 02/12 | 057100 | DECORATIVE METAL STAIRS | Architectural steel stairs. |
| 02/12 | 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. |
| 11/10 | 057500 | DECORATIVE FORMED METAL | Custom sheet metal fabrications; no flashing. |

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

| | | | |
|---------|--------|---|--|
| 05/11 | 061000 | ROUGH CARPENTRY | Wood framing, furring, grounds, nailers, and blocking. |
| 02/10 | 061053 | MISCELLANEOUS ROUGH CARPENTRY | Minor wood framing, furring, grounds, nailers, and blocking. |
| 05/11 | 061063 | EXTERIOR ROUGH CARPENTRY | Wood fences and other exterior wood construction. |
| 05/11 | 061323 | HEAVY TIMBER CONSTRUCTION | Solid timber framing. |
| 05/11 | 061516 | WOOD ROOF DECKING | Solid and laminated T & G decking. |
| 05/11 | 061533 | WOOD PATIO DECKING | Elevated decks. |
| 02/10 | 061600 | SHEATHING | Roof and wall sheathing, subflooring, and underlayment. Includes wood, non-wood, and composite products. |
| 02/11 | 061753 | SHOP-FABRICATED WOOD TRUSSES | Metal-plate-connected members. |
| 05/11 | 061800 | GLUED-LAMINATED CONSTRUCTION | Glued-laminated structural framing. |
| U 05/12 | 062013 | EXTERIOR FINISH CARPENTRY | Exposed and nonstructural. |
| 02/12 | 062023 | INTERIOR FINISH CARPENTRY | Exposed and nonstructural. |
| 02/10 | 064113 | WOOD-VENEER-FACED ARCHITECTURAL CABINETS | Custom-made veneer-faced cabinets. |
| 11/11 | 064116 | PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS | Custom-made plastic-laminate cabinets. |
| 02/12 | 064214 | STILE AND RAIL WOOD PANELING | Solid-wood and veneered stile and rail paneling; transparent finished and opaque finished. |
| 02/10 | 064216 | FLUSH WOOD PANELING | Veneer-faced flush panels. |
| 02/10 | 064219 | PLASTIC-LAMINATE-FACED WOOD PANELING | Plastic-laminate-faced flush panels. |
| 02/10 | 064300 | WOOD STAIRS AND RAILINGS | Shop-assembled wood stairs and railings. |
| 02/10 | 064400 | ORNAMENTAL WOODWORK | Miscellaneous shop-assembled woodwork items. |
| 02/10 | 064600 | WOOD TRIM | Standing and running trim. |
| 02/10 | 064800 | WOOD FRAMES | Shop-assembled wood door and window frames. |
| U 05/12 | 064919 | EXTERIOR WOOD SHUTTERS | Wood shutters. |
| 05/11 | 066400 | PLASTIC PANELING | Plastic paneling for utilitarian applications. |
| 02/12 | 067413 | FIBERGLASS REINFORCED GRATINGS | Fiberglass bar gratings and frames. |

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

| | | | |
|-------|-----------|-----------------------------------|---|
| 11/11 | 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. |
| 11/11 | 071326 | SELF-ADHERING SHEET WATERPROOFING | Self-adhering, positive-side sheet waterproofing; 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. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------------|--|---|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 11/11 | 071413 | HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING | Hot, rubberized-asphalt waterproofing for plaza deck and below-grade walls. |
| 02/11 | 071416 | COLD FLUID-APPLIED WATERPROOFING | Polyurethane, polyester, and latex-rubber types; drainage panels, insulation, and plaza-deck pavers. |
| 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. |
| 02/11 | 072100 | THERMAL INSULATION | General building insulation installed at project site, excluding roofing insulation. |
| 08/11 | 072413 | POLYMER-BASED EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) | Composite flexible coating and inner layer of rigid, cellular thermal insulation. |
| 08/11 | 072419 | WATER- DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) | Composite flexible coating and inner layer of extruded-polystyrene board insulation with water drainage. |
| 02/11 | 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. |
| 11/11 | 073129 | WOOD SHINGLES AND SHAKES | Wood shingles and shakes for roofing and walls. |
| 05/11 | 073213 | CLAY ROOF TILES | Clay tile roofing; flashing and accessories. |
| 05/11 | 073216 | CONCRETE ROOF TILES | Concrete tile roofing; flashing and accessories. |
| U | 05/12 074113.13 | FORMED METAL ROOF PANELS | Standard-profile exposed-fastener, lap-seam panels, and horizontal-seam (Bermuda-type) panels. |
| U | 05/12 074113.16 | STANDING-SEAM METAL ROOF PANELS | Standard-profile pans with upturned edges. |
| U | 05/12 074113.19 | BATTEN-SEAM METAL ROOF PANELS | Standard-profile pans with upturned edges covered by separate battens. |
| U | 05/12 074113.23 | INSULATED METAL ROOF PANELS | Panels with foamed-insulation cores. |
| 08/10 | 074213.13 | FORMED METAL WALL PANELS | Standard-profile exposed- and concealed-fastener, lap-seam wall and liner panels. |
| 08/10 | 074213.16 | METAL PLATE WALL PANELS | Aluminum plates secured to buildings with specialized attachment systems. |
| 08/10 | 074213.19 | INSULATED METAL WALL PANELS | Panels with foamed-insulation, laminated-insulation, and honeycomb cores. |
| 11/11 | 074213.23 | METAL COMPOSITE MATERIAL WALL PANELS | Panels with metal facings and thin plastic cores secured to buildings with specialized attachment systems. |
| 08/10 | 074213.53 | METAL SOFFIT PANELS | Concealed-fastener, lap-seam panels, with and without perforations. |
| N | 05/12 074616 | ALUMINUM SIDING | Aluminum siding and soffit. |
| N | 05/12 074633 | PLASTIC SIDING | Vinyl siding and soffit. |
| N | 05/12 074646 | FIBER-CEMENT SIDING | Fiber-cement siding and soffit. |
| U | 05/12 075113 | BUILT-UP ASPHALT ROOFING | Hot built-up asphalt roofing; roofing insulation. |
| U | 05/12 075116 | BUILT-UP COAL TAR ROOFING | Hot built-up coal-tar roofing; roofing insulation. |
| U | 05/12 075213 | ATACTIC-POLYPROPYLENE (APP) MODIFIED BITUMINOUS MEMBRANE ROOFING | APP-modified bituminous membrane roofing; roofing insulation. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|--------------|--|---|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| U 05/12 | 075216 | STYRENE-BUTADIENE-STYRENE (SBS) MODIFIED BITUMINOUS MEMBRANE ROOFING | SBS-modified bituminous membrane roofing; roofing insulation. |
| U 05/12 | 075316 | CHLOROSULFONATE-POLYETHYLENE (CSPE) ROOFING | Adhered, mechanically fastened, and loosely laid CSPE systems. |
| U 05/12 | 075323 | ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING | Adhered, mechanically fastened, and loosely laid EPDM systems. |
| U 05/12 | 075416 | ETHYLENE INTERPOLYMER (KEE) ROOFING | Adhered, mechanically fastened, and loosely laid KEE systems. |
| U 05/12 | 075419 | POLYVINYL-CHLORIDE (PVC) ROOFING | Adhered, mechanically fastened, and loosely laid PVC systems. |
| U 05/12 | 075423 | THERMOPLASTIC POLYOLEFIN (TPO) ROOFING | Adhered, mechanically fastened, and loosely laid TPO systems. |
| U 05/12 | 075552 | MODIFIED BITUMINOUS PROTECTED MEMBRANE ROOFING | APP- and SBS-modified bituminous protected membrane roofing; roofing insulation and ballast. |
| | 11/10 076100 | SHEET METAL ROOFING | Custom-fabricated, shop- or field-brake-formed, sheet metal roofing. |
| | 11/10 076200 | SHEET METAL FLASHING AND TRIM | Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets. |
| U 05/12 | 077100 | ROOF SPECIALTIES | Manufactured copings, roof-edge flashings and drainage systems, and counter flashings. |
| | 11/10 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. |
| | 08/10 077253 | SNOW GUARDS | Pad- and rail-type, flat- or seam-mounted snow guards. |
| | 02/12 078100 | APPLIED FIREPROOFING | Cementitious and mineral-fiber fire-resistive materials classified as SFRM. |
| | 02/11 078123 | INTUMESCENT 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 | | | |
| | 11/11 081113 | HOLLOW METAL DOORS AND FRAMES | Hollow-metal doors and frames for commercial and residential use. |
| | 11/11 081213 | HOLLOW METAL FRAMES | Hollow-metal frames for commercial and residential use. |
| | 11/11 081416 | FLUSH WOOD DOORS | Wood-veneer, hardboard, and plastic-laminate-faced flush wood doors. |
| | 02/12 081433 | STILE AND RAIL WOOD DOORS | Stock and custom stile and rail wood doors, included fire-rated doors. |
| | 02/10 083113 | ACCESS DOORS AND FRAMES | Wall, ceiling, and floor units. |
| | 02/10 083213 | SLIDING ALUMINUM-FRAMED GLASS DOORS | For exterior locations. |
| | 11/11 083219 | SLIDING WOOD-FRAMED GLASS DOORS | For exterior locations. |
| | 08/11 083313 | COILING COUNTER DOORS | Overhead-coiling galvanized-steel, stainless-steel, and aluminum curtain assemblies. |

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MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
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| 08/11 | 083323 | OVERHEAD COILING DOORS | Galvanized-steel, stainless-steel, and aluminum curtain assemblies. |
| 11/11 | 083326 | OVERHEAD COILING GRILLES | Open-curtain and closed-curtain assemblies. |
| 11/11 | 083473.13 | METAL SOUND CONTROL DOOR ASSEMBLIES | Assemblies consisting of steel doors, steel frames, and sound control seals. |
| 11/11 | 083473.16 | WOOD SOUND CONTROL DOOR ASSEMBLIES | Assemblies consisting of wood doors, steel frames, and sound control seals. |
| 02/12 | 083513 | FOLDING DOORS | Accordion and panel folding doors, metal bifold doors, bifold mirror doors, and fire-rated folding doors. |
| 11/11 | 083613 | SECTIONAL DOORS | Manual and electric garage-type overhead doors with steel, wood, aluminum, and translucent sections. |
| 02/12 | 084113 | ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS | Storefront framing, entrance doors, and hardware; also used for window walls, ribbon walls, strip windows, and punched openings. |
| 08/11 | 084126 | ALL-GLASS ENTRANCES AND STOREFRONTS | All-glass entrance doors and hardware, sidelights, and storefronts. |
| 02/12 | 084213 | ALUMINUM-FRAMED ENTRANCES | Entrance doors and hardware; and framing for sidelights, transoms, and vestibules. |
| 08/11 | 084226 | ALL-GLASS ENTRANCES | All-glass entrance doors and hardware, and sidelights. |
| 08/10 | 084229.13 | FOLDING AUTOMATIC ENTRANCES | Power-operated one-side opening and biparting units. |
| 08/10 | 084229.23 | SLIDING AUTOMATIC ENTRANCES | Power-operated single, biparting, and telescoping units. |
| 08/10 | 084229.33 | SWINGING AUTOMATIC ENTRANCES | Power-operated power-assist and low-energy swinging units. |
| 02/11 | 084233 | REVOLVING DOOR ENTRANCES | Standard entrance units. |
| 05/11 | 084413 | GLAZED ALUMINUM CURTAIN WALLS | Curtain wall framing; also used for window walls, ribbon walls, strip windows, and punched openings. |
| 02/10 | 085113 | ALUMINUM WINDOWS | Stock aluminum windows; most standard types. |
| 11/11 | 085123 | STEEL WINDOWS | Hot-rolled and cold formed. |
| 11/11 | 085200 | WOOD WINDOWS | Stock wood windows; most standard types. |
| 11/11 | 085313 | VINYL WINDOWS | Stock vinyl windows; most standard types. |
| 11/11 | 085413 | FIBERGLASS WINDOWS | Stock fiberglass windows; most standard type. |
| 05/10 | 086200 | UNIT SKYLIGHTS | Standard factory-assembled units, with or without integral curbs. |
| 02/11 | 086300 | METAL-FRAMED SKYLIGHTS | Custom-designed aluminum-framed units with insulating glass or plastic lites. |
| 02/12 | 087100 | DOOR HARDWARE | For specifying door hardware by using a schedule that names products or indicates BHMA designations. |
| 08/10 | 088000 | GLAZING | Plain, wired, patterned, laminated, insulating, and fire-rated glass. |
| 11/11 | 088300 | MIRRORS | Wall mounted, unframed, silvered flat glass mirrors. |
| 11/10 | 089116 | OPERABLE WALL LOUVERS | Operable (adjustable) metal louvers including those with insulated blades. |
| 11/10 | 089119 | FIXED LOUVERS | Fixed metal louvers. |
| 11/10 | 089516 | WALL VENTS | Wall vents, also called brick or foundation vents. |
| DIVISION 09 - FINISHES | | | |
| 02/12 | 092116.23 | GYPSUM BOARD SHAFT WALL ASSEMBLIES | Fire-resistance-rated vertical shaft and horizontal enclosures, including metal framing. |
| 02/11 | 092216 | NON-STRUCTURAL METAL FRAMING | Steel framing for gypsum board and plaster partitions and ceilings. |
| 02/11 | 092300 | GYPSUM PLASTERING | Gypsum plaster on expanded-metal lath, unit masonry, and concrete. |

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TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|--------------|---|--|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| | 02/11 092400 | PORTLAND CEMENT PLASTERING | Portland cement plaster (stucco) on metal lath, unit masonry, and concrete; exterior and interior. |
| | 02/11 092613 | GYPSUM VENEER PLASTERING | Applied on gypsum base panels, unit masonry, or monolithic concrete. |
| | 02/10 092713 | GLASS-FIBER-REINFORCED PLASTER FABRICATIONS | Factory-molded units for interior use. |
| U | 05/12 092900 | GYPSUM BOARD | Interior gypsum board, exterior gypsum board for ceilings and soffits, and tile backing boards. |
| | 02/11 093000 | TILING | Ceramic mosaic, quarry, paver, and wall tile. |
| | 02/12 093033 | STONE TILING | Thin, modular, cut stone units. |
| | 02/11 095113 | ACOUSTICAL PANEL CEILINGS | Mineral-base, glass-fiber-base, and ceramic- and mineral-base panels with exposed suspension systems. |
| | 02/11 095123 | ACOUSTICAL TILE CEILINGS | Mineral-base tile with concealed suspension systems, and direct-attached acoustical tile. |
| | 08/10 095133 | ACOUSTICAL METAL PAN CEILINGS | Lay-in, clip-in, snap-in, and torsion-spring-hinged metal pans with exposed suspension systems. |
| U | 05/12 095423 | LINEAR METAL CEILINGS | Strip, decorative metal systems. |
| | 02/10 095443 | STRETCHED-FABRIC CEILING SYSTEMS | Site-assembled and -upholstered fabric systems for ceilings. |
| | 02/11 096313 | BRICK FLOORING | Interior applications only. |
| | 02/12 096340 | STONE FLOORING | Exterior and interior stone flooring; does not include stone tile. |
| | 11/11 096400 | WOOD FLOORING | Solid- and engineered-wood flooring, field- and factory-finished. |
| | 05/11 096513 | RESILIENT BASE AND ACCESSORIES | Resilient base, stair accessories, and molding accessories. |
| | 05/11 096516 | RESILIENT SHEET FLOORING | Vinyl and rubber sheet floor coverings. |
| | 05/11 096519 | RESILIENT TILE FLOORING | Solid vinyl, rubber, vinyl composition, and resilient terrazzo floor tiles. |
| | 02/12 096613 | PORTLAND CEMENT TERRAZZO FLOORING | Poured-in-place portland cement terrazzo and rustic terrazzo flooring, and precast terrazzo units. |
| | 02/12 096623 | RESINOUS MATRIX TERRAZZO FLOORING | Thin-set, epoxy-resin terrazzo flooring and precast terrazzo units. |
| | 02/11 096813 | TILE CARPETING | Modular carpet tile for commercial applications. |
| | 02/11 096816 | SHEET CARPETING | Tufted and woven commercial carpet and carpet cushion. |
| | 02/11 096900 | ACCESS FLOORING | Modular floor panels and support systems. |
| U | 05/12 097200 | WALL COVERINGS | Vinyl, textile, and woven glass-fiber wall coverings, and wallpaper. |
| | 02/12 097513 | STONE PANELING | Dimension stone interior wall paneling. |
| | 02/11 097516 | STONE BASE | Dimension stone interior wall base. |
| | 02/11 097519 | STONE TRIM | Dimension stone interior trim. |
| | 02/11 097523 | STONE WINDOW STOOLS | Dimension stone interior window stools. |
| | 11/11 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. |
| | 02/11 099113 | EXTERIOR PAINTING | Exterior painting. |
| | 02/11 099123 | INTERIOR PAINTING | Interior painting. |
| | 02/10 099300 | STAINING AND TRANSPARENT FINISHING | For interior and exterior wood. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

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

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02/10 099600 HIGH-PERFORMANCE COATINGS

Tile-like coatings for use on exterior and interior substrates.

DIVISION 10 - SPECIALTIES

11/11 101100 VISUAL DISPLAY SURFACES

Chalkboards, markerboards, tackboards, sliding units, conference units, and electronic markerboards.

11/11 101200 DISPLAY CASES

Illuminated and nonilluminated types.

11/11 101300 DIRECTORIES

Illuminated and nonilluminated types with changeable message strips or changeable letters.

02/10 101416 PLAQUES

One-piece, cast or etched, solid-metal plaques.

02/10 101419 DIMENSIONAL LETTER SIGNAGE

Individually mounted dimensional characters and illuminated dimensional characters that are combined to form signs.

02/10 101423 PANEL SIGNAGE

Panel signs, illuminated panel signs, and field-applied, vinyl-character signs.

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.

02/11 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.

02/12 102213 WIRE MESH PARTITIONS

Standard- and heavy-duty partitions, ceilings, railing insert panels, and equipment barriers.

11/11 102233 ACCORDIAN FOLDING PARTITIONS

Acoustically and fire-rated, manually and electrically operated accordion folding partitions.

11/11 102239 FOLDING PANEL PARTITIONS

Manually and electrically operated panel partitions supported from overhead track; acoustically rated, fire rated, and non-rated; for interior use.

11/11 102239.13 FOLDING GLASS-PANEL PARTITIONS

Manually operated glass-panel partitions supported from an overhead track, for interior use.

02/10 102600 WALL AND DOOR PROTECTION

Protection for walls, corners, and door edges.

11/11 102800 TOILET, BATH, AND LAUNDRY ACCESSORIES

Standard commercial, institutional, and residential units.

02/12 102819 TUB AND SHOWER DOORS

Framed and frameless shower doors and enclosures.

U 05/12 104413 FIRE EXTINGUISHER CABINETS

Fire-protection cabinets and security fire-protection cabinets.

U 05/12 104416 FIRE EXTINGUISHERS

Portable and wheeled fire extinguishers.

02/11 105113 METAL LOCKERS

Corridor, athletic, and open-front athletic metal lockers.

02/12 105143 WIRE MESH STORAGE LOCKERS

Woven wire mesh storage cubicles.

N 05/12 105500.13 USPS-DELIVERY POSTAL SPECIALTIES

United States Postal Service (USPS)-approved postal-delivery and collection equipment.

11/11 105626

Shelving units mounted on wheeled carriages on tracks.

02/11 107343 TRANSPORTATION STOP SHELTERS

Freestanding, modular shelters used for transit passengers, smoking shelters, and other applications.

02/12 107516 GROUND-SET FLAGPOLES

Aluminum, bronze, stainless-steel, steel, and fiberglass ground-set flagpoles.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

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

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| | | | |
|-------|--------|-------------------------|--|
| 02/12 | 107523 | WALL-MOUNTED FLAGPOLES | Aluminum, bronze, stainless-steel, and fiberglass wall-mounted flagpoles. |
| 02/12 | 107526 | ROOF-MOUNTED FLAGPOLES | Aluminum, bronze, stainless-steel, steel, and fiberglass roof-mounted flagpoles. |
| 02/12 | 107527 | PLAZA-MOUNTED FLAGPOLES | Aluminum, bronze, stainless-steel, and fiberglass plaza-mounted flagpoles. |

DIVISION 11 - EQUIPMENT

| | | | |
|---------|-----------|---|---|
| 02/11 | 110513 | COMMON MOTOR REQUIREMENTS FOR EQUIPMENT | Universal default values for small and medium, ac motors. |
| 02/11 | 111200 | PARKING CONTROL EQUIPMENT | Automatic barrier gates, vehicle detectors, traffic controllers, ticket dispensers, exit terminals, pay stations, fee computers, management software, and access control units. |
| 02/12 | 111313 | LOADING DOCK BUMPERS | Laminated-tread, molded- and extruded-rubber, and steel-face dock bumpers. |
| 02/12 | 111316 | LOADING DOCK SEALS AND SHELTERS | Foam-pad and inflatable dock seals, rigid- and flexible-frame dock shelters, inflatable dock shelters, and transparent curtains. |
| 02/12 | 111319 | STATIONARY LOADING DOCK EQUIPMENT | Built-in recessed, edge-of-dock, top-of-dock, and vertical storing dock levelers, truck restraints, truck levelers, and light-communication systems. |
| 02/12 | 111323 | PORTABLE DOCK EQUIPMENT | Built-in, scissors-type, single-leg, hydraulic dock lifts. |
| U 05/12 | 112600 | UNIT KITCHENS | Standard metal, plastic-laminate, and wood types. |
| 11/11 | 113100 | RESIDENTIAL APPLIANCES | Major kitchen and laundry appliances. |
| 11/11 | 114000 | FOODSERVICE EQUIPMENT | Commercial foodservice equipment. |
| 02/11 | 115213 | PROJECTION SCREENS | Front projection screens. |
| 02/11 | 115213.19 | REAR PROJECTION SCREENS | 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. |
| 11/10 | 116623 | GYMNASIUM EQUIPMENT | Indoor badminton, basketball, volleyball, and exercise equipment, and safety pads. |
| 11/10 | 116653 | GYMNASIUM DIVIDERS | Gymnasium divider curtains. |
| U 05/12 | 118226 | FACILITY WASTE COMPACTORS | Commercial, wet- or dry-waste compactor units. |

DIVISION 12 - FURNISHINGS

| | | | |
|-------|-----------|-----------------------------------|--|
| 02/11 | 122113 | HORIZONTAL LOUVER BLINDS | Manually and motor-operated horizontal louver blinds. |
| 02/11 | 122116 | VERTICAL LOUVER BLINDS | Manually and motor-operated vertical louver blinds. |
| 02/11 | 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. |
| 11/10 | 123530 | RESIDENTIAL CASEWORK | Stock manufactured kitchen and vanity cabinets. |
| 02/10 | 123619 | WOOD COUNTERTOPS | Wide-width solid-wood, butcher-block, and veneered tops. |
| 02/10 | 123623.13 | PLASTIC-LAMINATE-CLAD COUNTERTOPS | Plastic-laminate countertops. |
| 02/11 | 123640 | STONE COUNTERTOPS | Countertops made from dimension stone slabs. |
| 02/10 | 123661 | SIMULATED STONE COUNTERTOPS | Cultured marble, quartz agglomerate, and solid surface material countertops, including integral sinks. |
| 05/10 | 124813 | ENTRANCE FLOOR MATS AND FRAMES | Roll-up (removable) rail mats as well as resilient entrance mats. Frames are also included. |
| 05/10 | 124816 | ENTRANCE FLOOR GRILLES | Rigid assembly of rail treads set in recessed frames in the floor. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|--|--|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 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. |
| DIVISION 13 - SPECIAL CONSTRUCTION | | | |
| 02/10 | 132416 | SAUNAS | Modular and precut saunas, with heaters and accessories. |
| 08/11 | 133419 | METAL BUILDING SYSTEMS | Systems consisting of structural framing, roofing and siding panels, and standard components. |
| 02/11 | 133423.16 | FABRICATED CONTROL BOOTHS | Freestanding steel and aluminum control booths. |
| DIVISION 14 - CONVEYING EQUIPMENT | | | |
| 02/10 | 141000 | DUMBWAITERS | Preengineered, hand and power operated. |
| 02/11 | 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. |
| 05/10 | 144119 | STAIRWAY CHAIRLIFTS | Inclined type for public and private-residence use. |
| U 05/12 | 149100 | FACILITY CHUTES | Chutes for trash and laundry. |
| DIVISION 21 - FIRE SUPPRESSION | | | |
| 03/11 | 210513 | COMMON MOTOR REQUIREMENTS FOR FIRE SUPPRESSION EQUIPMENT | Universal default values for small and medium, ac motors. |
| 03/10 | 210517 | SLEEVES AND SLEEVE SEALS FOR FIRE-SUPPRESSION PIPING | Sleeves and sleeve seals for piping at floor and wall penetrations. |
| 03/10 | 210518 | ESCUTCHEONS FOR FIRE-SUPPRESSION PIPING | Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations. |
| N 06/12 | 210523 | GENERAL-DUTY VALVES FOR FIRE PROTECTION PIPING | Valves common to most fire-protection piping. |
| 03/10 | 210533 | HEAT TRACING FOR FIRE-SUPPRESSION PIPING | Electric cables for freeze protection. |
| 09/11 | 210548 | VIBRATION AND SEISMIC CONTROLS FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT | Vibration isolation devices and seismic restraints. |
| 09/11 | 210548.13 | VIBRATION CONTROLS FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT | Vibration isolation devices. |
| 03/10 | 210553 | IDENTIFICATION FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT | Labels, stencils, and tags. |
| 03/10 | 210700 | FIRE-SUPPRESSION SYSTEMS INSULATION | Equipment and pipe insulation. |
| U 06/12 | 211100 | FACILITY FIRE-SUPPRESSION WATER-SERVICE PIPING | Fire suppression piping and specialties outside the building. |
| N 06/12 | 211116 | FACILITY FIRE HYDRANTS | AWWA and UL listed dry- and wet-barrel fire hydrants. |
| N 06/12 | 211119 | FIRE DEPARTMENT CONNECTIONS | Exposed-, flush-, and yard-type fire-department connections. |
| U 06/12 | 211200 | FIRE-SUPPRESSION STANDPIPES | Piping, specialties, valves, hose valves, and hose stations. |
| N 06/12 | 211213 | FIRE-SUPPRESSION HOSES AND NOZZLES | Hoses, reels, and racks for rack- and reel-type hose stations; and fire-suppression monitors. |
| U 06/12 | 211313 | WET-PIPE SPRINKLER SYSTEMS | Piping, specialties, valves, and sprinklers for wet-pipe sprinkler systems. |
| U 06/12 | 211316 | DRY-PIPE SPRINKLER SYSTEMS | Piping, specialties, valves, and sprinklers for dry-pipe and preaction sprinkler systems. |
| 09/11 | 213113 | ELECTRIC-DRIVE, CENTRIFUGAL FIRE PUMPS | End-suction, in-line, and split-case fire pumps; accessories, specialties, and flowmeter systems. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|--|---|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 09/11 | 213116 | DIESEL-DRIVE, CENTRIFUGAL FIRE PUMPS | End-suction, in-line, and split-case fire pumps; accessories, specialties, and flowmeter systems. |
| 09/11 | 213213 | ELECTRIC-DRIVE, VERTICAL-TURBINE FIRE PUMPS | Fire pumps, accessories, specialties, and flowmeter systems. |
| 09/11 | 213216 | DIESEL-DRIVE, VERTICAL-TURBINE FIRE PUMPS | Fire pumps, accessories, specialties, and flowmeter systems. |
| 03/10 | 213400 | PRESSURE-MAINTENANCE PUMPS | Multistage, regenerative turbine, submersible, and vertical-turbine pumps; pump controllers. |
| 03/12 | 213900 | CONTROLLERS FOR FIRE-PUMP DRIVERS | Full- and limited-service, electric-driver controllers; and deisel-driver controllers |
| DIVISION 22 - PLUMBING | | | |
| 03/11 | 220513 | COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT | Universal default values for small and medium, ac motors. |
| 12/11 | 220516 | EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING | Expansion joints and loops. |
| 03/10 | 220517 | SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING | Sleeves and sleeve seals for piping at floor and wall penetrations. |
| 03/10 | 220518 | ESCUTCHEONS FOR PLUMBING PIPING | Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations. |
| 03/10 | 220519 | METERS AND GAGES FOR PLUMBING PIPING | Temperature, pressure, and flow. |
| 03/10 | 220523 | GENERAL-DUTY VALVES FOR PLUMBING PIPING | Gate, globe, check, butterfly, & ball valves common to multiple systems. |
| 09/11 | 220529 | HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT | Single and multiple hangers, framing systems, and stands and supports. |
| 03/10 | 220533 | HEAT TRACING FOR PLUMBING PIPING | Electric cables for freeze protection, snow and ice melting, and temperature maintenance. |
| 09/11 | 220548 | VIBRATION AND SEISMIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT | Vibration isolation devices and seismic restraints. |
| 09/11 | 220548.13 | VIBRATION CONTROLS FOR PLUMBING PIPING AND EQUIPMENT | Vibration isolation devices. |
| 03/10 | 220553 | IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT | Labels, stencils, and tags. |
| 03/10 | 220716 | PLUMBING EQUIPMENT INSULATION | Insulation materials, jackets, and installation accessories for plumbing equipment. |
| 03/10 | 220719 | PLUMBING PIPING INSULATION | Insulation materials, jackets, and installation accessories for plumbing piping. |
| 03/10 | 221113 | FACILITY WATER DISTRIBUTION PIPING | Utility service, domestic, and fire-protection water, specialties, and valves. |
| 03/12 | 221116 | DOMESTIC WATER PIPING | Potable-water distribution within the building. |
| 03/10 | 221119 | DOMESTIC WATER PIPING SPECIALTIES | Specialties, valves, and fittings for domestic water piping. |
| 09/11 | 221123 | DOMESTIC WATER PUMPS | In-line separately coupled, close-coupled, centrifugal pumps. |
| 03/10 | 221223 | FACILITY INDOOR POTABLE-WATER STORAGE TANKS | Water storage; compression and diaphragm. |
| 03/10 | 221313 | FACILITY SANITARY SEWERS | Sanitary sewerage and underground structures outside the building. |
| 03/12 | 221316 | SANITARY WASTE AND VENT PIPING | Soil, waste, and vent piping within the building. |
| 09/11 | 221319 | SANITARY WASTE PIPING SPECIALTIES | Floor, trench, and channel drains; interceptors; and piping specialties. |
| 09/11 | 221329 | SANITARY SEWERAGE PUMPS | Effluent pumps; automatic, packaged; basins and covers. |
| 03/10 | 221353 | FACILITY SEPTIC TANKS | Tank, distribution box, and drainage pipe. |
| 03/10 | 221413 | FACILITY STORM DRAINAGE PIPING | Stormwater piping within the building. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|--|--|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 03/10 | 221423 | STORM DRAINAGE PIPING SPECIALTIES | Roof drains, cleanouts, trench drains, channel drains, and piping specialties. |
| 03/10 | 221429 | SUMP PUMPS | Submersible, wet-pit volute, and package drainage-pump units; basins and covers. |
| 03/10 | 221513 | GENERAL-SERVICE COMPRESSED-AIR PIPING | Nonmedical piping, equipment, and accessories. |
| 09/11 | 221519 | GENERAL-SERVICE PACKAGED AIR COMPRESSORS AND RECEIVERS | Nonmedical air compressors, filters, and dryers. |
| 09/11 | 223100 | DOMESTIC WATER SOFTENERS | Domestic and general use, not treatment. |
| 03/10 | 223200 | DOMESTIC WATER FILTRATION EQUIPMENT | Separators; and bag, cartridge, carbon, sand, and greensand filters. |
| 03/10 | 223300 | ELECTRIC, DOMESTIC-WATER HEATERS | Household and commercial; tankless, instantaneous, and storage types. |
| 03/10 | 223400 | FUEL-FIRED, DOMESTIC-WATER HEATERS | Household and commercial; gas and oil fired; instantaneous and storage types. |
| 03/12 | 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. |
| 03/11 | 224216.16 | COMMERCIAL SINKS | Commercial sinks, supports, faucets, traps, and supplies. |
| 03/12 | 224223 | COMMERCIAL SHOWERS | Shower receptors, basins, enclosures, faucets, and heads. |
| 03/10 | 224233 | WASH FOUNTAINS | Stone, metal, and plastic wash fountains. |
| 03/12 | 224300 | MEDICAL PLUMBING FIXTURES | Plumbing fixtures for healthcare facilities. |
| 03/12 | 224500 | EMERGENCY PLUMBING FIXTURES | Individual and combination emergency eyewash and shower units. |
| 03/11 | 224713 | DRINKING FOUNTAINS | Pedestal, antifreeze pedestal, wheelchair accessible, wall mounted. |
| 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 | | | |
| 09/11 | 230513 | COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT | Universal default values for small and medium, ac motors. |
| 12/11 | 230516 | EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING | Expansion joints and loops. |
| 03/10 | 230517 | SLEEVES AND SLEEVE SEALS FOR HVAC PIPING | Sleeves and sleeve seals for piping at floor and wall penetrations. |
| 03/10 | 230518 | ESCUTCHEONS FOR HVAC PIPING | Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations. |
| 06/11 | 230519 | METERS AND GAGES FOR HVAC PIPING | Temperature, pressure, and flow. |
| 09/11 | 230523 | GENERAL-DUTY VALVES FOR HVAC PIPING | Gate, globe, check, butterfly, & ball valves common to multiple systems. |
| 09/11 | 230529 | HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT | Single and multiple hangers, framing systems, and stands and supports. |
| 03/10 | 230533 | HEAT TRACING FOR HVAC PIPING | Electric cables for freeze protection. |
| 09/11 | 230548 | VIBRATION AND SEISMIC CONTROLS FOR HVAC | Vibration isolation devices and seismic restraints. |
| 09/11 | 230548.13 | VIBRATION CONTROLS FOR HVAC | Vibration isolation devices. |
| 03/10 | 230553 | IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT | Labels, stencils, and tags. |
| 03/10 | 230593 | TESTING, ADJUSTING, AND BALANCING FOR HVAC | Air distribution and hydronic systems. |

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MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|---|---|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 03/11 | 230713 | DUCT INSULATION | Insulation materials, jackets, and installation accessories for HVAC ducts. |
| 03/10 | 230716 | HVAC EQUIPMENT INSULATION | Insulation materials, jackets, and installation accessories for HVAC equipment. |
| 03/10 | 230719 | HVAC PIPING INSULATION | Insulation materials, jackets, and installation accessories for HVAC piping. |
| 03/10 | 230800 | COMMISSIONING OF HVAC | Administrative requirements and procedures for commissioning HVAC systems. |
| 09/11 | 230900 | INSTRUMENTATION AND CONTROL FOR HVAC | Electric, electronic, pneumatic, and DDC equipment and devices. |
| 03/10 | 230993 | SEQUENCE OF OPERATIONS FOR HVAC CONTROLS | Control sequences for HVAC systems. |
| 03/11 | 231113 | FACILITY FUEL-OIL PIPING | Transfer and storage equipment and piping. |
| 09/11 | 231123 | FACILITY NATURAL-GAS PIPING | Natural gas piping and specialties. |
| 09/11 | 231126 | FACILITY LIQUEFIED-PETROLEUM GAS PIPING | LP gas piping, specialties, and storage equipment. |
| 03/12 | 232113 | HYDRONIC PIPING | Pipes, tubes, and fittings for heating and cooling water piping. |
| 03/11 | 232113.33 | GROUND-LOOP HEAT-PUMP PIPING | Horizontal and vertical, direct-buried, ground-loop piping. |
| 03/12 | 232116 | HYDRONIC PIPING SPECIALTIES | Specialties and special-duty valves for heating and cooling water piping. |
| 09/11 | 232123 | HYDRONIC PUMPS | Base mounted and in-line; close coupled and separately coupled. |
| 03/12 | 232213 | STEAM AND CONDENSATE HEATING PIPING | Pipes, tubes, and fittings for LP and HP steam piping. |
| 03/12 | 232216 | STEAM AND CONDENSATE PIPING SPECIALTIES | Specialties and special-duty valves for LP and HP steam piping. |
| 09/11 | 232223 | STEAM CONDENSATE PUMPS | Electric driven and pressure powered; single and duplex pumps with receivers. |
| 12/11 | 232300 | REFRIGERANT PIPING | Piping, specialties, and refrigerant. |
| 03/12 | 232500 | HVAC WATER TREATMENT | Auto and manual systems for hydronic systems and steam feedwater systems. |
| 03/12 | 232513 | WATER TREATMENT FOR CLOSED-LOOP HYDRONIC SYSTEM | Auto and manual systems for closed-loop hydronic systems. |
| 03/12 | 232516 | WATER TREATMENT FOR OPEN-LOOP HYDRONIC SYSTEM | Auto and manual systems for open-loop hydronic systems. |
| 03/12 | 232519 | WATER TREATMENT FOR STEAM SYSTEM FEEDWATER | Auto and manual systems for steam feedwater systems. |
| 03/12 | 232523 | WATER TREATMENT FOR HUMIDIFICATION STEAM SYSTEM FEEDWATER | Automatic systems for humidification steam feedwater systems. |
| 03/12 | 232533 | HVAC MAKEUP-WATER FILTRATION EQUIPMENT | Water filtration systems for HVAC makeup water systems. |
| 09/11 | 233113 | METAL DUCTS | Rectangular and round, single- and double-wall ducts, including hangers and supports. |
| 09/11 | 233116 | NONMETAL DUCTS | Fibrous-glass, PVC, and FRP ducts, hangers, and supports. |
| 09/11 | 233119 | HVAC CASINGS | Factory and field fabricated; single and double wall. |
| 03/11 | 233300 | AIR DUCT ACCESSORIES | Volume dampers, fire and smoke dampers, vanes, duct silencers, and hardware. |
| 09/11 | 233413 | AXIAL HVAC FANS | Tubeaxial and vaneaxial fans. |
| 09/11 | 233416 | CENTRIFUGAL HVAC FANS | BI & FC indoor type; tubular and in-line units. |
| 09/11 | 233423 | HVAC POWER VENTILATORS | Roof, wall, and ceiling-mounting ventilators. |
| 09/11 | 233433 | AIR CURTAINS | Fans over entrances with and without heating. |
| 09/11 | 233600 | AIR TERMINAL UNITS | Single-duct, dual-duct, fan-powered, induction, and diffuser types. |

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MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|---|---|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 09/11 | 233713 | DIFFUSERS, REGISTERS, AND GRILLES | Round, rectangular, perforated, and linear diffusers; fixed and adjustable registers and grilles. |
| 12/10 | 233723 | HVAC GRAVITY VENTILATORS | Unpowered ventilators and louver penthouses. |
| 09/11 | 233813 | COMMERCIAL-KITCHEN HOODS | Type I and Type II, Standard and Listed hoods. |
| 03/10 | 234100 | PARTICULATE AIR FILTRATION | Disposable, extended surface, and roll types. |
| 03/10 | 234200 | GAS-PHASE AIR FILTRATION | Gas adsorbent and rechargeable media, trays and housings, frames, and filter gages. |
| 03/10 | 234300 | ELECTRONIC AIR CLEANERS | Electronic air cleaners, access housings, service frames, and filter gages. |
| 09/11 | 235100 | BREECHINGS, CHIMNEYS, AND STACKS | Double-wall and refractory-lined breechings and stacks; fabricated breechings. |
| 03/10 | 235113 | DRAFT CONTROL DEVICES | Induced-draft fans and barometric dampers. |
| 03/12 | 235213 | ELECTRIC BOILERS | HW and steam; HP and LP. |
| 09/11 | 235216 | CONDENSING BOILERS | Packaged condensing boilers for small applications. |
| 03/12 | 235223 | CAST-IRON BOILERS | HW and steam; gas and oil fired. |
| 03/12 | 235233 | WATER-TUBE BOILERS | HW and steam; gas and oil fired. |
| 03/12 | 235239 | FIRE-TUBE BOILERS | HW and steam; gas and oil fired. |
| 09/11 | 235313 | BOILER FEEDWATER PUMPS | Condensate and vacuum pumps and receivers. |
| 03/11 | 235400 | FURNACES | Gas-, electric-, and oil-fired furnaces. |
| 09/11 | 235513 | FUEL-FIRED DUCT HEATERS | Gas- and oil-fired units. |
| 09/11 | 235523.13 | LOW-INTENSITY, GAS-FIRED, RADIANT HEATERS | Low intensity, gas-fired, indoor and outdoor radiant heaters. |
| 09/11 | 235523.16 | HIGH-INTENSITY, GAS-FIRED, RADIANT HEATERS | High-intensity, gas-fired, indoor and outdoor radiant heaters and patio heaters. |
| 09/11 | 235533 | FUEL-FIRED UNIT HEATERS | Gas- and oil-fired units. |
| 06/11 | 235613.19 | HEATING, VACUUM-TUBE, SOLAR COLLECTORS | Liquid-type, vacuum-tube solar collectors, accessories, and mountings. |
| 09/11 | 235700 | HEAT EXCHANGERS FOR HVAC | Steam to water and water to water; shell-and-tube and flat-plate types. |
| 12/11 | 236200 | PACKAGED COMPRESSOR AND CONDENSER UNITS | Air and water cooled. |
| 09/11 | 236313 | AIR-COOLED REFRIGERANT CONDENSERS | Remote forced-air, condenser, and fan units. |
| 03/12 | 236333 | EVAPORATIVE REFRIGERANT CONDENSERS | Induced- and forced-draft evaporative refrigerant condensers. |
| 03/12 | 236413.13 | DIRECT-FIRED ABSORPTION WATER CHILLERS | Natural-gas, propane, and oil fired; water cooled; two stages; and a brush-cleaning system. |
| 03/12 | 236413.16 | INDIRECT-FIRED ABSORPTION WATER CHILLERS | Steam and hot-water generated; one and two stage. |
| 03/12 | 236416 | CENTRIFUGAL WATER CHILLERS | Hermetic and open; direct and gear drives; water and air cooled. |
| 03/12 | 236419 | RECIPROCATING WATER CHILLERS | Water and air cooled. |
| 03/12 | 236423 | SCROLL WATER CHILLERS | Water and air cooled. |
| 03/12 | 236426 | ROTARY-SCREW WATER CHILLERS | Water-cooled, single- and multiple-compressor units; air-cooled indoor and outdoor units. |
| 03/12 | 236500 | COOLING TOWERS | Factory-assembled, open- and closed-circuit, induced- and forced-draft, cross- and counter-flow towers. |
| 12/11 | 237313 | MODULAR INDOOR CENTRAL-STATION AIR-HANDLING UNITS | Units consisting of fans, coils, dampers, filters, control devices, and accessories. |
| 09/11 | 237333.16 | INDOOR, INDIRECT, GAS-FIRED HEATING AND VENTILATING UNITS | Indirect, gas-fired H&V units mounted inside the building. |
| 09/11 | 237339 | DIRECT-FIRED H&V UNITS | Indoor, direct gas-fired H&V units. |
| 09/11 | 237413 | PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS | Packaged, rooftop HVAC. |

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MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|--|---|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 09/11 | 237423.13 | PACKAGED, DIRECT-FIRED, OUTDOOR, HEATING-ONLY MAKEUP-AIR UNITS | Outdoor, direct gas-fired H&V units. |
| 09/11 | 237423.16 | PACKAGED, INDIRECT-FIRED, OUTDOOR, HEATING-ONLY MAKEUP-AIR UNITS | Outdoor, indirect gas-fired H&V units. |
| 09/11 | 237433 | DEDICATED OUTDOOR-AIR UNITS | Units capable of 100 percent outdoor air with heating and cooling. |
| 09/11 | 238113 | PACKAGED TERMINAL AIR-CONDITIONERS | Freestanding or through-the-wall; cooling only; heat pump; cooling plus hot-water heating, electric heating, and gas-fired heating. |
| 09/11 | 238119 | SELF-CONTAINED AIR-CONDITIONERS | Packaged cooling, heating, filters, and controls; cabinet suitable for exposed installations. |
| 09/11 | 238123 | COMPUTER-ROOM AIR-CONDITIONERS | Floor- and ceiling-mounted console; water and air cooled; electric, hot-water, and steam heat. |
| 09/11 | 238126 | SPLIT-SYSTEM AIR-CONDITIONERS | Air-distribution equipment separate from refrigeration equipment; cabinet suitable for exposed installations. |
| 03/12 | 238146.13 | WATER-TO-AIR HEAT PUMPS | Concealed horizontal and vertical units; vertical-stack; and exposed-console units. |
| 09/11 | 238213 | VALANCE HEATING AND COOLING UNITS | Electric and hot water radiant heaters and heating and cooling panels. |
| 12/11 | 238216.11 | HYDRONIC AIR COILS | Hydronic coils not integral to AHUs. |
| 12/11 | 238216.12 | STEAM AIR COILS | Steam coils not integral to AHUs. |
| 12/11 | 238216.13 | REFRIGERANT AIR COILS | Refrigerant coils not integral to AHUs. |
| 12/11 | 238216.14 | ELECTRIC-RESISTANCE AIR COILS | Electric-resistance coils not integral to AHUs. |
| 12/11 | 238219 | FAN COIL UNITS | Hot water, steam, and electric heating; chilled or DX cooling. |
| 12/11 | 238223 | UNIT VENTILATORS | Hot water, steam, and electric heating; chilled or DX cooling. |
| 06/11 | 238229 | RADIATORS | Flat-pipe steel radiators for hot-water, steam, and electric heating systems. |
| 06/11 | 238233 | CONVECTORS | Convectors for hot-water, steam, and electric heating systems. |
| 06/11 | 238236 | FINNED-TUBE RADIATION HEATERS | HW, steam, and electric baseboard and finned-tube radiation heaters. |
| 09/11 | 238239.13 | CABINET UNIT HEATERS | Cabinet unit heaters with hot-water, steam, and electric-resistance coils. |
| 09/11 | 238239.16 | PROPELLER UNIT HEATERS | Propeller unit heaters with hot-water, steam, and electric-resistance coils. |
| 12/10 | 238239.19 | WALL ANND CEILING UNIT HEATERS | Wall and ceiling electric unit heaters. |
| 09/11 | 238245 | CHILLED BEAMS | Passive and active units. |
| 03/10 | 238313 | RADIANT-HEATING ELECTRIC CABLES | Electric cables for ceilings and floors, snow and ice melting, and freezer-floor frost prevention. |
| 06/11 | 238316 | RADIANT-HEATING HYDRONIC PIPING | Embedded pipes, tubes, manifolds, fittings, piping specialties, and controls. |
| 03/10 | 238323 | RADIANT-HEATING ELECTRIC PANELS | Factory-fabricated panels. |
| DIVISION 26 - ELECTRICAL | | | |
| 09/10 | 260519 | LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES | Building wires, cables, connectors, splices, and terminations rated 600 V and less. |
| 09/10 | 260523 | CONTROL-VOLTAGE ELECTRICAL POWER CABLES | Optical-fiber, UTP, low-voltage control cabling; and control-circuit conductors. |
| 03/11 | 260526 | GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS | Methods and materials for grounding systems and equipment. |
| 03/12 | 260529 | HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS | Hangers, supports, and concrete bases. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------------|--|---|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| | 03/12 260533 | RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS | Conduit; pull, junction, and outlet boxes; and electrical cabinets. |
| | 03/12 260536 | CABLE TRAYS FOR ELECTRICAL SYSTEMS | Ladder, trough, and single-rail types; steel, aluminum, stainless steel, and fiberglass. |
| | 03/10 260544 | SLEEVES AND SLEEVE SEALS FOR ELECTRICAL RACEWAYS AND CABLING | Sleeves and seals for penetrations through floors and walls. |
| | 03/12 260548.16 | SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS | Seismic criteria and seismic restraints and supports. |
| U | 06/12 260553 | IDENTIFICATION FOR ELECTRICAL SYSTEMS | Labels, markers, tags, ties, tape, bands, and signs. |
| U | 06/12 260913 | ELECTRICAL POWER MONITORING AND CONTROL | Remote and local monitoring, metering, and control of individual circuits. |
| | 03/12 260923 | LIGHTING CONTROL DEVICES | Time switches, photoelectric relays, occupancy sensors, and multipole lighting controls. |
| | 03/12 260926 | LIGHTING CONTROL PANELBOARDS | Manual and programmable panelboards with electronically operated circuit breakers using low-voltage or digital control circuits to control lighting. |
| | 12/10 260943.16 | ADDRESSABLE-FIXTURE LIGHTING CONTROLS | Controls based on digital addressable lighting interface (DALI) technology. |
| | 03/12 260943.23 | RELAY-BASED LIGHTING CONTROLS | Panels using relays for switching; panels networked BAS. |
| | 03/12 262200 | LOW-VOLTAGE TRANSFORMERS | General purpose and specialty dry type. |
| | 03/12 262413 | SWITCHBOARDS | Service and distribution switchboards, 600V and less. |
| | 03/12 262416 | PANELBOARDS | Distribution, branch circuit, and TVSS panel boards and load centers. |
| | 03/12 262416.16 | ELECTRONICALLY OPERATED CIRCUIT-BREAKER PANELBOARDS | Manual and programmable panelboards with electronically operated circuit breakers using low-voltage or digital control circuits to control equipment. |
| | 03/12 262419 | MOTOR-CONTROL CENTERS | Full-reduced-voltage; for constant-, variable-, and multiple-speed motors; 600 V. |
| U | 06/12 262500 | ENCLOSED BUS ASSEMBLIES | Plug in & feeder (600 V or less). |
| U | 06/12 262713 | ELECTRICITY METERING | Energy and demand metering by utility and Owner. |
| | 03/10 262726 | WIRING DEVICES | Switches, receptacles, lighting-control devices, and plates. |
| | 03/12 262813 | FUSES | Cartridge type (600 V and less); plug type (125 V and less); fuse adapters; spare-fuse cabinet. |
| | 03/12 262816 | ENCLOSED SWITCHES AND CIRCUIT BREAKERS | Fusible, nonfusible, receptacle, shunt trip, and molded-case switches; molded-case circuit breakers; enclosures. |
| | 03/12 262913 | ENCLOSED CONTROLLERS | Full-voltage manual and magnetic; reduced-voltage magnetic and solid state; multispeed. |
| | 03/12 262923 | VARIABLE-FREQUENCY MOTOR CONTROLLERS | Solid-state, pulse-width modulated, constant- and variable-torque; VFCs; rated 600 V and less. |
| | 03/12 263100 | PHOTOVOLTAIC ENERGY EQUIPMENT | Photovoltaic laminates, modules, charge controllers, inverters, and mounting structures. |
| | 03/12 263213 | ENGINE GENERATORS | Diesel- and gas-engine-driven types. |
| | 03/12 263353 | STATIC UNINTERRUPTIBLE POWER SUPPLY | 3-phase, on-line, double conversion units rated 5 to 750 kVA for systems (600 V and less). |
| | 03/12 263600 | TRANSFER SWITCHES | Automatic, nonautomatic, and bypass/isolation. |
| | 03/12 264113 | LIGHTNING PROTECTION FOR STRUCTURES | Protection for buildings and site components. |
| | 06/11 264313 | SURGE PROTECTION FOR LOW-VOLTAGE ELECTRICAL POWER CIRCUITS | Field-mounted surge protective devices (SPDs) 1000-V and less. |
| | 03/12 265100 | INTERIOR LIGHTING | Interior fixtures, lamps, and ballasts; emergency lighting; exit signs. |
| | 03/12 265600 | EXTERIOR LIGHTING | Exterior luminaires including poles and standards. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

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

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DIVISION 27 - COMMUNICATIONS

| | | | |
|-------|-----------|--|---|
| 06/11 | 270526 | GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS | Grounding for communications systems and equipment; for reliable signal reference. |
| 03/12 | 270528 | PATHWAYS FOR COMMUNICATIONS SYSTEMS | Conduits, wireways, surface pathways, boxes and enclosures, and handholes and boxes. |
| 03/12 | 270536 | CABLE TRAYS FOR COMMUNICATIONS SYSTEMS | Ladder, trough wire basket, and single-rail type; steel, aluminum, stainless steel, and fiberglass. |
| 03/10 | 270544 | SLEEVES AND SLEEVE SEALS FOR COMMUNICATIONS PATHWAYS AND CABLING | Sleeves and seals for penetrations through floors and walls. |
| 03/12 | 271100 | COMMUNICATIONS EQUIPMENT ROOM FITTINGS | Telecommunications mounting equipment, and grounding. |
| 12/10 | 271300 | COMMUNICATIONS BACKBONE CABLING | Pathways, cables, connecting hardware, and cable identification systems. |
| 12/10 | 271500 | COMMUNICATIONS HORIZONTAL CABLING | Cables, MUTOAs, connecting hardware, and identification and administration systems. |
| 12/10 | 274133 | MASTER ANTENNA TELEVISION SYSTEM | MATV with options for off-air antennas, CATV, or broadcast satellite service. |
| 03/12 | 275116 | PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEMS | Equipment, cabling, and raceways. |
| 03/12 | 275119 | SOUND MASKING SYSTEMS | Electronic noise generators, amplifiers, speakers, and controls. |
| 03/10 | 275123 | INTERCOMMUNICATIONS AND PROGRAM SYSTEMS | Manually-switched and microprocessor-switched systems. |
| 03/12 | 275123.50 | EDUCATIONAL INTERCOMMUNICATIONS AND PROGRAM SYSTEMS | Manually and microprocessor-switched systems. |
| 03/12 | 275313 | CLOCK SYSTEMS | Master and secondary clocks and signal devices; interface with intercom and public address systems. |

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

| | | | |
|-------|--------|--|--|
| 03/12 | 280513 | CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY | UTP, fiber-optic, coaxial, RS-232, and RS-485 cables, connecting hardware, and identification systems. |
| 06/11 | 280526 | GROUNDING AND BONDING FOR ELECTRONIC SAFETY AND SECURITY | Grounding for electronic systems and equipment; for reliable signal reference for electronic systems. |
| 03/12 | 280528 | PATHWAYS FOR ELECTRONIC SAFETY AND SECURITY | Conduits, wireways, surface pathways, boxes and enclosures, and handholes and boxes. |
| 03/10 | 280544 | SLEEVES AND SLEEVE SEALS FOR ELECTRONIC SAFETY AND SECURITY PATHWAYS AND CABLING | Sleeves and seals for penetrations through floors and walls. |
| 03/12 | 283111 | DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM | Systems with addressable initiating devices and conventional or addressable notification appliances. |
| 03/12 | 283112 | ZONED (DC LOOP) FIRE-ALARM SYSTEM | Small systems for buildings relying on zoned fire-alarm concept. |
| 03/10 | 283500 | REFRIGERANT DETECTION AND ALARM | Monitors, alarms, breathing apparatus, and ventilation equipment interlocks. |

DIVISION 31 - EARTHWORK

| | | | |
|-------|--------|-----------------|--|
| 02/11 | 311000 | SITE CLEARING | Clearing, grubbing, vegetation protection, topsoil stripping, and disconnecting utilities. |
| 08/10 | 312000 | EARTH MOVING | Excavating, filling and backfilling, compaction, and grading. |
| 02/11 | 312319 | DEWATERING | Temporary construction dewatering requirements for ground-water control. |
| 02/11 | 313116 | TERMITE CONTROL | Control by treatment of soil with termiticides, installation of bait stations to dispense termiticides, and installation of permanent metal mesh barriers. |

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

COMPREHENSIVE LIBRARY
Professional Basic
(Former Short Form Basic)

MasterFormat 2012 Version

| Issue Date | Sect. No. | SECTION TITLE | SECTION DESCRIPTION |
|---|-----------|--|---|
| Copyright 2012 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA | | | |
| 02/11 | 315000 | EXCAVATION SUPPORT AND PROTECTION | Temporary systems; soldier piles and lagging, sheet piling, tiebacks, and bracing. |
| 08/10 | 316213 | CONCRETE PILES | Driven precast prestressed concrete piles, solid and hollow. |
| 08/10 | 316216 | STEEL PILES | Driven steel H-section piles. |
| 05/11 | 316219 | TIMBER PILES | Driven preservative-treated round timber piles. |
| 08/10 | 316223 | COMPOSITE PILES | Driven concrete-filled steel shell and steel pipe piles. |
| 02/12 | 316329 | DRILLED CONCRETE PIERS AND SHAFTS | Dry-installed and slurry-displacement-installed types. |
| DIVISION 32 - EXTERIOR IMPROVEMENTS | | | |
| 02/11 | 321216 | ASPHALT PAVING | Paving, overlays, surface treatments, asphalt curbs, asphalt traffic-calming devices, cold milling, and hot-mix patching. |
| 08/10 | 321223 | IMPRINTED ASPHALT | Embossing patterns in new or existing asphalt pavement. |
| 02/10 | 321313 | CONCRETE PAVING | Concrete paving for site construction applications. |
| 11/11 | 321373 | CONCRETE PAVING JOINT SEALANTS | Sealants for concrete and asphalt pavement joints. |
| 02/11 | 321400 | UNIT PAVING | Brick, asphalt, concrete, and rough stone pavers on aggregate, mortar, and bituminous setting beds. |
| 11/11 | 321443 | POROUS UNIT PAVING | Concrete, grid-type and interlocking type with openings between units. |
| 08/10 | 321713 | PARKING BUMPERS | Wheel stops applied to asphalt or concrete pavement. |
| 08/10 | 321723 | PAVEMENT MARKINGS | Painted markings applied to asphalt or concrete pavement. |
| 08/10 | 321729 | MANUFACTURED TRAFFIC-CALMING DEVICES | Preformed rubber or plastic traffic-calming devices applied to asphalt or concrete pavement. |
| 11/10 | 323113 | CHAIN LINK FENCES AND GATES | Standard chain-link fencing systems. |
| 02/10 | 328400 | PLANTING IRRIGATION | Heads, pipes, and controls. |
| 02/12 | 329113 | SOIL PREPARATION | Planting soils amended according to the composition of the mixes; layered soil assemblies. |
| 02/12 | 329115 | SOIL PREPARATION (PERFORMANCE SPECIFICATION) | Planting soils amended according to tested performance requirements for the mixes; layered soil assemblies. |
| 11/11 | 329200 | TURF AND GRASSES | Seeded, sodded, plugged, and sprigged turf and meadows; pesticides; erosion-control materials; turf renovation; and grass paving. |
| 11/11 | 329300 | PLANTS | Nursery-grown trees and other plants, pesticides, tree stabilization, tree watering devices, landscape edgings, and tree grates. |
| DIVISION 33 - UTILITIES | | | |
| 03/11 | 330500 | COMMON WORK RESULTS FOR UTILITIES | Basic piping materials and methods. |
| 03/10 | 332100 | WATER SUPPLY WELLS | Drilled and driven wells and well pumps. |
| 03/12 | 334100 | STORM UTILITY DRAINAGE PIPING | Gravity and forced storm piping, underground structures, and specialties. |
| 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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