

| Section No. | Section Title | Section Description |
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### DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

|        |                                                              |                                                                     |
|--------|--------------------------------------------------------------|---------------------------------------------------------------------|
| 000101 | Project Title Page                                           | Project Manual title page.                                          |
| 000107 | Seals Page                                                   | For seals of design professionals on Project Manual.                |
| 000115 | List of Drawing Sheets                                       | List of Drawings.                                                   |
| 000120 | List of Schedules                                            | For a list of separately bound schedules.                           |
| 001113 | Advertisement for Bids                                       | For use on public projects.                                         |
| 001115 | Advertisement for Prequalification of Bidders                | For use on public projects.                                         |
| 001116 | Invitation to Bid                                            | For use on private projects.                                        |
| 001153 | Request for Qualifications                                   | For use on public projects.                                         |
| 002113 | Instructions to Bidders                                      | Incorporates AIA A701 by reference.                                 |
| 002213 | Supplementary Instructions to Bidders                        | For use with AIA A701.                                              |
| 002513 | Prebid Meetings                                              | Sets date, time, place, and terms for prebid meetings.              |
| 002600 | Procurement Substitution Procedures                          | Substitution procedures during bidding.                             |
| 003113 | Preliminary Schedules                                        | Preliminary schedules.                                              |
| 003119 | Existing Condition Information                               | References documents for survey and as-built information.           |
| 003126 | Existing Hazardous Material Information                      | References documents for existing hazardous materials.              |
| 003132 | Geotechnical Data                                            | References documents for geotechnical data.                         |
| 003143 | Permit Application                                           | Indicates responsibility for building permit application.           |
| 004113 | Bid Form - Stipulated Sum (Single-Prime Contract)            | Fixed price, single prime.                                          |
| 004116 | Bid Form - Stipulated Sum (Multiple-Prime Contract)          | Fixed price, multiple prime.                                        |
| 004123 | Bid Form - Construction Management (Single-Prime Contract)   | Fixed price, construction management, single prime.                 |
| 004126 | Bid Form - Construction Management (Multiple-Prime Contract) | Fixed price, construction management, multiple prime.               |
| 004133 | Bid Form - Cost-Plus-Fee (Single-Prime Contract)             | Cost plus, with or without guaranteed maximum.                      |
| 004313 | Bid Security Forms                                           | References AIA A310.                                                |
| 004321 | Allowance Form                                               | Attachment for Bid Form.                                            |
| 004322 | Unit Prices Form                                             | Attachment for Bid Form.                                            |
| 004323 | Alternates Form                                              | Attachment for Bid Form.                                            |
| 004373 | Proposed Schedule of Values Form                             | Attachment for Bid Form.                                            |
| 004393 | Bid Submittal Checklist                                      | Attachment for Bid Form.                                            |
| 005100 | Notice of Award                                              | For notifying successful bidder.                                    |
| 006000 | Project Forms                                                | References Agreement, General Conditions, and administrative forms. |
| 009113 | Addenda                                                      | For notifying bidders of changes.                                   |

### DIVISION 01 - GENERAL REQUIREMENTS

|        |                           |                                                                                                                                |
|--------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 010000 | General Requirements      | Evaluations: Role of Division 1 Sections, their preparation and coordination.                                                  |
| 011000 | Summary                   | Summary of the Work, phased construction, purchase contracts, Owner-furnished products, access to site, and work restrictions. |
| 011200 | Multiple Contract Summary | Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.                           |
| 012100 | Allowances                | Provisions for cash allowances including lump-sum, unit cost, contingency, and testing and inspecting allowances.              |
| 012200 | Unit Prices               | Provisions for unit prices.                                                                                                    |
| 012300 | Alternates                | Provisions for change-of-scope and cost-comparison type alternates.                                                            |

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| 012500      | Substitution Procedures                                                                | Procedural requirements for requests for substitutions during construction.                                                                        |
| 012600      | Contract Modification Procedures                                                       | Procedural requirements for changes to the Contract.                                                                                               |
| 012900      | Payment Procedures                                                                     | Administrative requirements for Contractor's Applications for Payment.                                                                             |
| 013100      | Project Management and Coordination                                                    | Administrative requirements for project meetings; preconstruction, preinstallation, and project closeout conferences; RFIs; and project Web sites. |
| 013200      | Construction Progress Documentation                                                    | Contractor's Construction Schedule including Gantt charts and CPM schedules; and web-based project software.                                       |
| 013233      | Photographic Documentation                                                             | Construction photographs, video recordings, and web-based photographic documentation.                                                              |
| 013300      | Submittal Procedures                                                                   | Procedures for Action and Informational Submittals including Delegated-Design Submittals and Submittals Schedule.                                  |
| 013516      | Alteration Project Procedures                                                          | General protection and work procedures for remodeling, renovation, repair, and maintenance work.                                                   |
| 014000      | Quality Requirements                                                                   | Quality-assurance and -control requirements, special tests and inspections, and Contractor's quality-control plan.                                 |
| 014200      | References                                                                             | Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MasterSpec.      |
| 015000      | Temporary Facilities and Controls                                                      | Temporary utilities and facilities for construction support, security, and protection.                                                             |
| 015639      | Temporary Tree and Plant Protection                                                    | Construction-phase tree and plant protection, trimming, protection- zone fencing, and pruning.                                                     |
| 016000      | Product Requirements                                                                   | Administrative and procedural requirements for product, material, and equipment selection and handling; warranties; and comparable products.       |
| 017300      | Execution                                                                              | General requirements for product installation, cutting and patching, protection, field engineering, and progress cleaning.                         |
| 017419      | Construction Waste Management and Disposal                                             | Salvaging, recycling, and disposing of non-hazardous demolition and construction waste.                                                            |
| 017700      | Closeout Procedures                                                                    | Contract closeout including Substantial Completion and Final Completion procedures, warranties, and final cleaning.                                |
| 017823      | Operation and Maintenance Data                                                         | Emergency, operation, and maintenance manuals for products and equipment.                                                                          |
| 017839      | Project Record Documents                                                               | Record record Drawings, Specifications, and Product Data.                                                                                          |
| 017900      | Demonstration and Training                                                             | Administrative and procedural requirements for instructing Owner's personnel in operation and maintenance.                                         |
| 018113.13   | Sustainable Design Requirements - LEED 2009 for New Construction and Major Renovations | General requirements and procedures for LEED 2009 for New Construction and Major Renovations.                                                      |
| 018113.14   | Sustainable Design Requirements - LEED v4 BD+C                                         | General requirements and procedures for LEED v4 BD+C.                                                                                              |
| 018113.16   | Sustainable Design Requirements - LEED 2009 for Commercial Interiors                   | General requirements and procedures for LEED 2009 for Commercial Interiors.                                                                        |
| 018113.17   | Sustainable Design Requirements - LEED v4 ID+C                                         | General requirements and procedures for LEED v4 ID+C.                                                                                              |
| 018113.19   | Sustainable Design Requirements - LEED 2009 for Core and Shell Development             | General requirements and procedures for LEED 2009 for Core and Shell Development.                                                                  |
| 018113.23   | Sustainable Design Requirements - LEED 2009 for Schools                                | General requirements and procedures for LEED 2009 for Schools.                                                                                     |
| 018113.33   | Sustainable Design Requirements - IgCC                                                 | General requirements and procedures for IgCC.                                                                                                      |
| 018113.43   | Sustainable Design Requirements - ASHRAE 189.1                                         | General requirements and procedures for ASHRAE 189.1.                                                                                              |

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| Section No.                                          | Section Title                                  | Section Description                                                                                     |
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| 018113.53                                            | Sustainable Design Requirements - Green Globes | General requirements and procedures for Green Globes.                                                   |
| <b>DIVISION 02 - EXISTING CONDITIONS</b>             |                                                |                                                                                                         |
| 024119                                               | Selective Demolition                           | Demolition of selected portions of existing buildings, structures, and associated site improvements.    |
| <b>DIVISION 03 - CONCRETE</b>                        |                                                |                                                                                                         |
| 033713                                               | Shotcrete                                      | Pneumatically applied concrete, dry- and wet-mix processes.                                             |
| U 034500                                             | Precast Architectural Concrete                 | Precast concrete cladding units, insulated units, and masonry-faced units.                              |
| <b>DIVISION 04 - MASONRY</b>                         |                                                |                                                                                                         |
| 042000                                               | Unit Masonry                                   | CMU, brick, structural-clay facing tile, and stone trim units.                                          |
| 042613                                               | Masonry Veneer                                 | Brick veneer over wood- or metal-stud backup.                                                           |
| 044313.13                                            | Anchored Stone Masonry Veneer                  | Stone laid in mortar and anchored to backup with masonry veneer anchors.                                |
| 044313.16                                            | Adhered Stone Masonry Veneer                   | Stone adhered to backup with mortar; not anchored.                                                      |
| 047200                                               | Cast Stone Masonry                             | Architectural features, facing, trim, and site accessories.                                             |
| <b>DIVISION 05 - METALS</b>                          |                                                |                                                                                                         |
| 055000                                               | Metal Fabrications                             | Metal items (not sheet metal) made from iron and steel shapes, stainless steel, and non-ferrous metals. |
| 055213                                               | Pipe and Tube Railings                         | Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing.                          |
| <b>DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES</b>  |                                                |                                                                                                         |
| 061000                                               | Rough Carpentry                                | Wood framing, furring, frounds, nailers, and blocking.                                                  |
| U 061063                                             | Exterior Rough Carpentry                       | Wood fences and other exterior wood construction.                                                       |
| U 061533                                             | Wood Patio Decking                             | Elevated decks.                                                                                         |
| U 061800                                             | Glued-Laminated Construction                   | Glued-laminated structural framing.                                                                     |
| <b>DIVISION 07 - THERMAL AND MOISTURE PROTECTION</b> |                                                |                                                                                                         |
| 071113                                               | Bituminous Dampproofing                        | Cold-applied, cut-back- (solvent-based) and emulsified- (water-based) asphaltic dampproofing.           |
| 071326                                               | Self-Adhering Sheet Waterproofing              | Self-adhering, positive-side sheet waterproofing; drainage panels; pedestal-supported concrete pavers.  |
| 077273                                               | Vegetated Roof Systems                         | Vegetated roof assemblies for rooftop or plaza installation over roofing membrane.                      |
| <b>DIVISION 09 - FINISHES</b>                        |                                                |                                                                                                         |
| U 096340                                             | Stone Flooring                                 | Exterior and interior stone flooring; does not include stone tile.                                      |
| 099113                                               | Exterior Painting                              | Exterior painting.                                                                                      |
| 099300                                               | Staining and Transparent Finishing             | For interior and exterior wood: includes solid-color stains.                                            |
| <b>DIVISION 10 - SPECIALTIES</b>                     |                                                |                                                                                                         |
| 101416                                               | Plaques                                        | One-piece, cast or etched, solid-metal plaques.                                                         |

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|-------------|------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 101419      | Dimensional Letter Signage   | Individually mounted dimensional characters and illuminated dimensional characters that are combined to form signs. |
| 101423      | Panel Signage                | Panel signs, illuminated panel signs, and field-applied, vinyl-character signs.                                     |
| 101426      | Post and Panel/Pylon Signage | Illuminated and nonilluminated, freestanding panel signs that are supported by posts or configured as pylons.       |
| 107313      | Awnings                      | Fixed and retractable awnings.                                                                                      |
| 107516      | Ground-Set Flagpoles         | Aluminum, bronze, stainless-steel, steel, and fiberglass ground-set flagpoles.                                      |
| 107523      | Wall-Mounted Flagpoles       | Aluminum, bronze, stainless-steel, and fiberglass wall-mounted flagpoles.                                           |
| 107526      | Roof-Mounted Flagpoles       | Aluminum, bronze, stainless-steel, steel, and fiberglass roof-mounted flagpoles.                                    |
| 107529      | Plaza-Mounted Flagpoles      | Aluminum, bronze, stainless-steel, and fiberglass plaza-mounted flagpoles.                                          |
| 108316      | Banners                      | Suspended or tensioned fabrics and films for exterior or interior use, with or without applied graphics.            |

### DIVISION 11 - EQUIPMENT

|        |                                         |                                                               |
|--------|-----------------------------------------|---------------------------------------------------------------|
| 110513 | Common Motor Requirements for Equipment | Universal default values for small and medium, ac motors.     |
| 116800 | Play Field Equipment and Structures     | Public playground equipment for children aged two through 12. |

### DIVISION 12 - FURNISHINGS

|        |                                         |                                                                                        |
|--------|-----------------------------------------|----------------------------------------------------------------------------------------|
| 126313 | Stadium and Arena Bench Seating         | Fixed, continuous bench- or plank-type metal seating.                                  |
| 129200 | Interior Planters and Artificial Plants | Freestanding planters, self-contained subirrigation, and manufactured interior plants. |

### DIVISION 22 - PLUMBING

|          |                                    |                                                                                |
|----------|------------------------------------|--------------------------------------------------------------------------------|
| U 221113 | Facility Water Distribution Piping | Utility service, domestic, and fire-protection water, specialties, and valves. |
| 221413   | Facility Storm Drainage Piping     | Stormwater piping within the building.                                         |
| 221423   | Storm Drainage Piping Specialties  | Roof drains, cleanouts, trench drains, channel drains, and piping specialties. |

### DIVISION 26 - ELECTRICAL

|          |                               |                                                                                                                         |
|----------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| U 265613 | Lighting Poles and Standards  | Standards and lowering devices for suspension of lighting fixtures and other accessories.                               |
| 265617   | Fluorescent Exterior Lighting | Exterior fluorescent luminaires, including bollards, boarder, canopy, and decorative post top lighting.                 |
| 265619   | Led Exterior Lighting         | Exterior LED luminaires, including bollards, boarder, canopy, and decorative post top lighting.                         |
| 265621   | Hid Exterior Lighting         | Exterior HID luminaires, including area and site, bollards, boarder, canopy, decorative post top, and roadway lighting. |
| U 265668 | Exterior Athletic Lighting    | Outdoor lighting for sports fields.                                                                                     |

### DIVISION 31 - EARTHWORK

|        |               |                                                                                                                     |
|--------|---------------|---------------------------------------------------------------------------------------------------------------------|
| 311000 | Site Clearing | Clearing, grubbing, vegetation protection, stripping and stockpiling topsoil and rock, and disconnecting utilities. |
| 312000 | Earth Moving  | Excavating, filling and backfilling, compacting, and grading.                                                       |

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| Section No. | Section Title   | Section Description                                                                               |
|-------------|-----------------|---------------------------------------------------------------------------------------------------|
| 313116      | Termite Control | Chemical soil treatment, borate wood treatment, bait stations, and permanent metal mesh barriers. |

### DIVISION 32 - EXTERIOR IMPROVEMENTS

|           |                                              |                                                                                                                                                                      |
|-----------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| U 321216  | Asphalt Paving                               | Paving, overlays, surface treatments, asphalt curbs, asphalt traffic-calming devices, cold milling, and hot-mix patching.                                            |
| U 321223  | Imprinted Asphalt                            | Embossing patterns in new or existing asphalt pavement.                                                                                                              |
| 321313    | Concrete Paving                              | Concrete curbs and gutters, walks, driveways, parking lots, and miscellaneous paving.                                                                                |
| 321316    | Decorative Concrete Paving                   | Surface-imprinted, stamped, stencil-patterned, or stained finish concrete paving.                                                                                    |
| 321373    | Concrete Paving Joint Sealants               | Sealants for concrete and asphalt pavement joints.                                                                                                                   |
| 321400    | Unit Paving                                  | Brick, asphalt, concrete, and stone pavers on aggregate, mortar, and bituminous setting beds.                                                                        |
| 321443    | Porous Unit Paving                           | Concrete, grid-type and interlocking type with openings between units.                                                                                               |
| U 321713  | Parking Bumpers                              | Wheel stops applied to asphalt or concrete pavement.                                                                                                                 |
| U 321723  | Pavement Markings                            | Painted markings applied to asphalt or concrete pavement.                                                                                                            |
| 321726    | Tactile Warning Surfacing                    | Detectable warning tiles and mats located in concrete walkways; detectable warning pavers.                                                                           |
| 321813    | Synthetic Grass Surfacing                    | Synthetic grass surfacing, or artificial turf, intended for use in sports.                                                                                           |
| 321816.13 | Playground Protective Surfacing              | Impact-attenuating, protective surfacing for use under public playground equipment.                                                                                  |
| 323113    | Chain Link Fences and Gates                  | Standard chain-link fencing systems with swing or horizontal-slide gates and gate operators.                                                                         |
| 323116    | Welded Wire Fences and Gates                 | Metallic-coated-steel, welded-wire fences and gates.                                                                                                                 |
| 323119    | Decorative Metal Fences and Gates            | Manufactured and custom-designed fences and gates made from steel, aluminum, or metallic-coated steel.                                                               |
| 323119.53 | Decorative Metal Security Fences and Gates   | Metallic-coated-steel security fences and gates.                                                                                                                     |
| 323223    | Segmental Retaining Walls                    | Dry-laid concrete masonry unit retaining walls.                                                                                                                      |
| U 323300  | Site Furnishings                             | Seating, tables, bicycle racks and lockers, trash and ash receptacles, planters, and bollards for outdoor locations.                                                 |
| 328400    | Planting Irrigation                          | Heads, pipes, and controls.                                                                                                                                          |
| 329113    | Soil Preparation                             | Planting soils specified according to quantities of amendments (compost, lime, sulfur, fertilizer, etc.); layered soil assemblies.                                   |
| 329115    | Soil Preparation (Performance Specification) | Planting soils specified according to tested performance requirements (particle size, organic matter percentage, pH, CEC, fertility, etc.); layered soil assemblies. |
| 329200    | Turf and Grasses                             | Seeded, sodded, plugged, and sprigged turf and meadows; pesticides; erosion-control materials; turf renovation; and grass paving.                                    |
| 329300    | Plants                                       | Nursery-grown trees and other plants, pesticides, tree stabilization, tree watering devices, landscape edgings, and tree grates.                                     |
| 329600    | Transplanting                                | Transplanting non-nursery-grown trees; tree stabilization; watering devices.                                                                                         |

### DIVISION 33 - UTILITIES

|        |                                   |                                                                                           |
|--------|-----------------------------------|-------------------------------------------------------------------------------------------|
| 330500 | Common Work Results for Utilities | Basic piping materials and methods.                                                       |
| 334600 | Subdrainage                       | Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas. |

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| Section No. | Section Title             | Section Description            |
|-------------|---------------------------|--------------------------------|
| 334713      | Pond and Reservoir Liners | Geomembrane liners and covers. |

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