

## VI. DIVISIONS 00-33

### DIVISION 00: GENERAL CONDITIONS

00 00 00	General Conditions
00 00 01	Component's Conditions

### DIVISION 01: GENERAL REQUIREMENTS

01 10 00	General Requirements
01 25 00	Substitution Form
01 56 39	Tree Protection – Refer to 31 23 16
01 78 36	Warranty Forms

### DIVISION 02: EXISTING CONDITIONS

02 32 00	Geotechnical Investigations
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### DIVISION 03: CONCRETE

03 30 00	Cast-In-Place Concrete
03 30 01	Concrete Foundation Slab for Electric Transformers and Switches
03 33 00	Architectural Concrete Sidewalk Paving

### DIVISION 04: MASONRY

04 01 20.52	Unit Masonry & Cleaning
04 01 20.91	Unit Masonry & Restoration
04 20 00	Unit Masonry
04 43 00	Stone Masonry
04 72 00	Caststone Masonry

### DIVISION 05: METALS

05 51 00	Metal Stairs
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### **DIVISION 05: METALS, *Continued***

05 52 00	Exterior Metal Railings
05 52 01	Metal Dumpster Screen
05 52 02	Metal Fences Over 5 Feet Tall

### **DIVISION 06: WOOD, PLASTICS, & COMPOSITES**

06 10 00	Rough Carpentry
06 40 00	Interior Architectural Woodwork

### **DIVISION 07: THERMAL & MOISTURE PROTECTION**

07 22 00	Cover Board Over Isocyanurate Roof Insulation
07 32 00	Clay Roof Tile
07 52 16	Styrene Butadiene Styrene Modified Bituminous Membrane Roofing
07 60 00	Sheet Metal Flashing
07 61 13	Standing Seam Sheet Metal Roofing

### **DIVISION 08: OPENINGS**

08 11 13	Hollow Metal Doors and Frames
08 14 16	Flush Wood Doors
08 15 13	Laminated Plastic Faced Doors
08 31 00	Access Doors
08 33 13	Overhead Coiling Counter Doors
08 35 13.13	Accordion Folding Doors
08 41 16	Bronze Framed Entrance & Storefronts
08 51 13	Aluminum Windows
08 71 00	Hardware
08 71 13	Automatic Door Equipment
08 81 00	Glazing

### **DIVISION 08: OPENINGS, *Continued***

08 81 13      Decorative Glass

### **DIVISION 09: FINISHES**

09 21 13      Plaster Assemblies  
09 21 16      Gypsum Board Assemblies  
09 30 13      Ceramic Tile  
09 51 13      Acoustical Panel Ceiling  
09 53 23      Metal Acoustical Ceiling Suspension Assemblies  
09 65 19      Resilient Tile Flooring & Base  
09 66 00      Terrazzo Flooring  
09 68 13      Carpet Tiles  
09 68 16      Sheet Carpeting  
09 72 00      Vinyl Coated Fabric Wall Coverings  
09 80 00      Sound Isolation  
09 91 00      Paint

### **DIVISION 10: SPECIALTIES**

10 11 13.13      Fixed Marker Boards  
10 14 01      Exterior Site Signage  
10 14 02      Building Name Exterior Signage  
10 14 03      Interior Signage  
10 14 04      Parking Garage Signage  
10 14 16      Building Dedication Plaques  
10 17 20      Telephones: Emergency Blue Lights  
10 21 13.19      Plastic Toilet Compartments  
10 22 26      Operable Partitions

### **DIVISION 10: SPECIALTIES, *Continued***

- 10 26 13      Wall & Corner Guards
- 10 28 13.13      Commercial Toilet Accessories
- 10 44 13      Fire Extinguishers & Cabinets

### **DIVISION 11: EQUIPMENT**

- 11 12 00      Parking Control Equipment

### **DIVISION 12: FURNISHINGS**

- 12 21 00      Window Blinds
- 12 46 19      Clocks
- 12 48 13      Building Entry Walk-Off Mats
- 12 50 00      Furniture
- 12 93 00      Site Furnishings

### **DIVISION 13: NOT USED**

### **DIVISION 14: CONVEYING EQUIPMENT**

- 14 20 00      Electric Traction Elevators: GEARED
- 14 24 00      Hydraulic Elevators

### **DIVISION 15-20: NOT USED**

### **DIVISION 21: FIRE SUPPRESSION**

- 21 10 00      Water Based Fire Suppression Systems
- 21 11 16      Fire Hydrants

### **DIVISION 22: PLUMBING**

- 22 00 00      Plumbing General System Designs
- 22 11 19      Domestic Water Piping Specialties
- 22 11 23      Domestic Water Pumps

### **DIVISION 22: PLUMBING, *Continued***

- 22 13 19.26 Grease Removal Devices
- 22 42 00 Commercial Plumbing Fixtures
- 22 67 13.19 De-ionized Water Piping for Laboratory Facilities

### **DIVISION 23: HEATING, VENTILATING & AIR CONDITIONING**

- 23 00 00 Heating, Ventilating, and Air Conditioning (HVAC)
- 23 05 13 Common Motor Requirements for HVAC Equipment
- 23 05 93 Preparation for Testing, Adjusting, and Balancing for HVAC
- 23 05 93.01 Testing, Adjusting, and Balancing for HVAC
- 23 07 00 HVAC Insulation
- 23 09 33 Variable Frequency Drives
- 23 09 53 Pneumatic and Electric Control Systems for HVAC
- 23 21 13 Hydronic Piping in Buildings
- 23 21 14 Secondary Chilled-Water Piping Systems
- 23 22 13 Steam & Condensate Heating Piping
- 23 22 23 Steam Condensate Pumps
- 23 25 00 Cleaning, Passivation and Discharge
- 23 31 00 HVAC Ducts and Casings
- 23 33 00 Air Duct Accessories
- 23 36 16 Variable-Air-Volume Units
- 23 73 00 Modular & Semi Custom Air Handling Units (up to 20,000 CFM)

### **DIVISION 24: NOT USED**

### **DIVISION 25: INTEGRATED AUTOMATION**

- 25 51 00 Integrated Automation Facility Controls

### **DIVISION 26: ELECTRICAL**

26 01 26	Maintenance Testing of Electrical Systems
26 05 00	Common Work Results For Electrical
26 05 13	Medium-Voltage, Single-and Multi-Conductor Cables
26 05 19	Low-Voltage Electrical Power Conductors and Cables
26 05 19.13	Under Carpet Electrical Power Cables
26 05 33	Raceway and Boxes for Electrical Systems
26 05 36	Cable Trays for Electrical Systems
26 05 43	Underground Ducts and Raceways for Electrical Systems
26 05 46	Utility Poles for Electrical Systems
26 05 53	Identification for Medium Voltage Cable
26 12 16	Dry-Type, Medium-Voltage Transformers
26 12 19	15KV Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers
26 12 19	25KV Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers
26 13 13	15KV Medium-Voltage Circuit Breaker Switchgear
26 13 13	25KV Medium-Voltage Circuit Breaker Switchgear
26 22 13	Low-Voltage Distribution Transformer
26 24 13	Switchboards
26 24 16	Panel boards
26 24 19	Motor-Control Centers
26 27 26	Wiring Devices
26 28 16	Enclosed Switches and Circuit Breakers
26 29 23	Variable Frequency Drives
26 32 13	Diesel Engine Generators (Emergency Electrical Power Supply)
26 35 13	Capacitors
26 36 23	Automatic Transfer Switches

### **DIVISION 26: ELECTRICAL, *Continued***

26 42 14	Cathodic Protection-Piping and Valves-Steam Pipes
26 42 15	Cathodic Protection-Piping Chill Water and Condensate Piping & Shut-Off Valves
26 50 00	Introduction to Lighting Standard
26 51 00	Interior Lighting
26 52 00	Emergency Lighting
26 53 00	Exit Signs
26 55 00	Special Purpose Lighting
26 56 00	Exterior Lighting
26 56 13	Lighting Poles and Standards
26 56 16	Parking Lot Lighting
26 56 17	Parking Garage Bay Lighting
26 56 26	Landscape Lighting
26 56 33	Walkway Lighting
26 56 80	Other Exterior Lighting

### **DIVISION 27: COMMUNICATIONS**

27 00 00	Communications
27 01 00	Operation and Maintenance of Communications Systems
27 05 13	Communications Services
27 05 26	Grounding and Bonding for Communications Systems
27 05 28	Pathways for Communications Systems
27 05 43	Underground Ducts and Raceways for Communications Systems
27 05 53	Identification for Communications Systems
27 06 00	Schedules for Communications
27 11 00	Communications Equipment Room Fittings
27 13 00	Communications Backbone Cabling

### **DIVISION 27: COMMUNICATIONS, *Continued***

27 15 00	Communications Horizontal Cabling
27 16 00	Communications Connecting Cords, Devices, and Adapters
27 20 00	Data Communications
27 21 33	Data Communications Wireless Access Points
27 30 00	Voice Communications
27 36 00	Data and Voice Equipment
27 41 16.51	Integrated Audio-Video Systems and Equipment for Classrooms
27 41 16.61	Integrated Audio-Video Systems and Equipment for Theaters
27 41 16.62	Integrated Audio-Video Systems and Equipment for Auditoriums

### **DIVISION 28: ELECTRONIC SAFETY & SECURITY**

28 13 00	Access Control Systems
28 23 00	Video Surveillance System
28 31 00	Fire Detection and Alarm

### **DIVISION 29 & 30: NOT USED**

### **DIVISION 31: EARTHWORK**

31 23 16	Tree Protection
31 25 13	Erosion and Sedimentation Control
31 31 16	Termite Control

### **DIVISION 32: EXTERIOR IMPROVEMENTS**

32 05 19.13	Geo-textiles Exterior Improvements
32 10 00	Paving
32 32 23.13	Segmental Concrete Unit Masonry Retaining Wall-Height of 5-0" High
32 32 23.14	Segmental Concrete Unit Masonry Retaining Wall-Height Over 5-0" High
32 84 00	Landscape Irrigation



**DIVISION 32: EXTERIOR IMPROVEMENTS, *Continued***

32 91 00	Soil Preparation
32 91 13.16	Mulching
32 91 13.19	Planting Soil Mixing
32 93 00	Plants
32 94 13	Landscape Edging

**DIVISION 33: UTILITIES**

33 00 00	Utilities
33 51 13	Natural Gas Piping
33 63 13	Underground Steam and Condensate Distribution Piping

**DIVISION 34-49: NOT USED**