

Division 1 General Requirements

| | | |
|--------|-------------------------------------|---|
| 011000 | Summary of Work | 4 |
| 013100 | Project Managing and Coordination | 4 |
| 013200 | Construction Progress Documentation | 2 |
| 013300 | Submittal Procedures | 3 |
| 014500 | Quality Control | 3 |
| 015100 | Temporary Utilities | 3 |
| 015200 | Construction Facilities | 3 |
| 015300 | Temporary Construction | 2 |
| 016100 | Product Requirements | 4 |
| 017000 | Examination and Preparation | 2 |
| 017330 | Cutting and Patching | 3 |
| 017400 | Cleaning | 3 |
| 017810 | Closeout Submittals | 5 |
| 017840 | Maintenance Requirements | 3 |
| 017900 | Demonstration and Training | 3 |

Division 3 Concrete

| | | |
|--------|--------------------------|---|
| 031100 | Concrete Formwork | 5 |
| 032000 | Concrete Reinforcement | 2 |
| 033000 | Cast-in-place Concrete | 6 |
| 033550 | Concrete Floor Finishing | 2 |

Division 4 Masonry

| | | |
|--------|--------------|---|
| 042000 | Unit Masonry | 8 |
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Division 5 Metals

| | | |
|--------|--------------------|---|
| 051200 | Structural Steel | 4 |
| 052100 | Steel Joists | 4 |
| 053100 | Metal Deck | 4 |
| 055000 | Metal Fabrications | 5 |

Division 6 Wood, Plastics And Composites

| | | |
|--------|------------------|---|
| 061000 | Rough Carpentry | 3 |
| 062000 | Finish Carpentry | 6 |

Division 7 Thermal And Moisture Protection

| | | |
|--------|-------------------------|---|
| 071113 | Bituminous Dampproofing | 2 |
| 072115 | Insulation | 3 |
| 072800 | Air and Vapour Barriers | 4 |
| 074616 | Preformed Metal Siding | 5 |

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|--------|-------------------------------|---|
| 075213 | SBS Modified Bitumen Roofing | 7 |
| 076100 | Sheet Metal Roofing | 6 |
| 076200 | Sheet Metal Flashing and Trim | 3 |
| 077233 | Roof Hatches | 2 |
| 078400 | Firestopping | 3 |
| 079200 | Joint Sealants | 4 |

Division 8 Openings

| | | |
|--------|------------------------------------|----|
| 080600 | Door Schedule | 7 |
| | Door details D-1 to D-5 | 5 |
| 081100 | Metal Doors And Frames | 6 |
| 081416 | Flush Wood Doors | 3 |
| 083613 | Sectional Doors | 5 |
| 084113 | Aluminum Entrances and Storefronts | 5 |
| 084413 | Glazed Aluminum Curtain Walls | 7 |
| 087100 | Door Hardware | 12 |
| 088000 | Glazing | 4 |

Division 9 Finishes

| | | |
|--------|------------------------------------|----|
| 090600 | Room Finish Schedule | 10 |
| 092116 | Gypsum Board Assemblies | 5 |
| 092423 | Portland Cement Stucco | 4 |
| 093100 | Thin Set Tiling | 5 |
| 095123 | Acoustical Tile Ceilings | 4 |
| 095700 | Acoustical Metal Security Ceilings | 3 |
| 096500 | Resilient Flooring | 5 |
| 096800 | Carpeting | 3 |
| 097216 | Vinyl Coated Fabric Wall Coverings | 3 |
| 098413 | Acoustic Panels | 2 |
| 099000 | Painting And Coating | 6 |
| 099500 | Epoxy Flooring and Wall Finishes | 4 |

Division 10 Specialties

| | | |
|--------|---------------------------|----|
| 100900 | Miscellaneous Specialties | 5 |
| 101100 | Visual Display Surfaces | 6 |
| 101419 | Signage | 10 |
| | Sign Message Schedule | 26 |
| 102113 | Metal Toilet Compartments | 4 |
| 102123 | Privacy Curtains | 3 |
| 102814 | Washroom Accessories | 3 |
| 105113 | Metal Lockers | 5 |
| 105613 | Metal Storage Shelving | 3 |

Division 11 Equipment

| | | |
|--------|--------------------------------|---|
| 113100 | Residential Kitchen Appliances | 3 |
|--------|--------------------------------|---|

Division 12 Furnishings

| | | |
|--------|---|----|
| 120600 | <i>Furniture Schedule</i> | 13 |
| 125120 | <i>Meeting Room Furniture</i> | 5 |
| 125900 | <i>Systems Furniture</i> | 25 |
| 122413 | Roller Shades | 4 |
| 123100 | Manufactured Metal Casework | 4 |
| 125110 | Occasional Tables | 4 |
| 125119 | Lateral and Vertical Filing Cabinets / Storage Cabinets | 6 |
| 125213 | Chairs | 4 |
| 125219 | Upholstered Seating | 2 |
| 125223 | Office Seating | 5 |
| 125416 | Restaurant Furniture and Equipment | 3 |
| 125630 | Children's Furniture | 3 |
| 125813 | Residential Sofas and Recliners | 2 |

Division 21 Fire Suppression

| | | |
|--------|------------------------------------|----|
| 210501 | Common Work Results for Mechanical | 8 |
| 210720 | Thermal Insulation for Piping | 8 |
| 211313 | Wet Pipe Sprinkler Systems | 10 |

Division 22 Plumbing

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|--------|---|---|
| 221010 | Plumbing Pumps | 4 |
| 221118 | Domestic Water piping Copper | 5 |
| 221317 | Drainage Waste and Vent piping - Cast Iron and Copper | 3 |
| 221318 | Drainage Waste and Vent piping - Plastic | 2 |
| 223005 | Domestic Water Heaters | 3 |
| 224201 | Plumbing Specialties and Accessories | 8 |
| 224202 | Plumbing Fixtures | 8 |

Division 23 Heating, Ventilating and Air Conditioning (HVAC)

| | | |
|--------|--|---|
| 230501 | Use of HVAC Systems During Construction | 2 |
| 230505 | Installation of Pipework | 5 |
| 230513 | Common Motor Requirements For HVAC Equipment | 3 |
| 230516 | Expansion Fittings And Loops for HVAC Piping | 3 |
| 230517 | Pipe Welding | 3 |
| 230521 | Thermometers and Pressure Gauges - Piping Systems | 3 |
| 230522 | Valves - Bronze | 5 |
| 230523 | Valves - Cast iron | 5 |
| 230526 | Butterfly Valves | 3 |
| 230529 | Hangers and Supports for HVAC Piping and Equipment | 7 |
| 230548 | Vibration And Seismic Controls for HVAC piping and Equipment | 4 |

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|--------|--|----|
| 230554 | Mechanical Identification | 6 |
| 230593 | Testing, Adjusting and Balancing for HVAC | 6 |
| 230594 | Pressure Testing of Ducted Air Systems | 2 |
| 230713 | Thermal Insulation for Ducting | 5 |
| 230801 | Performance Verification Mechanical Piping Systems | 2 |
| 230802 | Cleaning and Start-up of Mechanical Piping Systems | 4 |
| 230923 | Direct Digital Control System For HVAC | 44 |
| 230993 | Sequence of Operations for HVAC Controls | 39 |
| 231123 | Facility Natural gas Piping | 3 |
| 232114 | Hydronic Specialties | 4 |
| 232115 | Hydronic Systems: Copper | 5 |
| 232116 | hydronic Systems: Steel | 5 |
| 232117 | Press Joint Piping Systems Hydronic Systems | 4 |
| 232123 | Hydronic Pumps | 3 |
| 232300 | Copper Tubing and Fittings Refrigerant | 3 |
| 232500 | HVAC Water Treatment Systems | 5 |
| 233114 | Metal Ducts - low Pressure to 500Pa | 6 |
| 233248 | Acoustic Air Plenums | 3 |
| 233300 | Air Duct Accessories | 4 |
| 233314 | Dampers - Balancing | 3 |
| 233315 | Dampers - Operating | 2 |
| 233316 | Dampers - Fire and Smoke | 3 |
| 233346 | Flexible Ducts | 2 |
| 233353 | Duct liners | 4 |
| 233400 | HVAC Fans | 5 |
| 233424 | Domestic Fans | 4 |
| 233425 | Packaged Roof and Wall Exhausters | 3 |
| 233600 | Air Terminal Units | 3 |
| 233713 | Diffusers, Registers And Grilles | 3 |
| 233720 | Louvres, Intakes And Vents | 3 |
| 234400 | HVAC Air Filtration | 4 |
| 234401 | Strion Air Filtration | 7 |
| 235100 | Breeching, Chimneys and Stacks | 3 |
| 235200 | Heating Boilers | 7 |
| 237311 | Air Handling Units - Packaged | 6 |
| 238219 | Fan Coil Units | 3 |
| 238221 | Incremental Heating and Cooling Units | 6 |
| 238239 | Unit Heaters | 3 |
| 238300 | Radiant Heating Units | 5 |
| 238413 | Humidifiers | 7 |
| | Schedules and Details | 56 |

Division 26 - ELECTRICAL

| | | |
|--------|--|----|
| 260500 | Common Work Results - For Electrical | 23 |
| 260520 | Wire And Box Connectors 0-1000 V | 2 |
| 260521 | Wires And Cables (0-1000 V) | 7 |
| 260522 | Connectors And Terminations | 1 |
| 260528 | Grounding - Secondary | 4 |
| 260529 | Hangers And Supports For Electrical Systems | 2 |
| 260531 | Splitters, Junction, Pull Boxes And Cabinets | 3 |

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| 260532 | Outlet Boxes, Conduit Boxes And Fittings | 4 |
| 260534 | Conduits, Conduit Fastenings And Conduit Fittings | 5 |
| 260535 | Surface And Lighting Fixture Raceways | 2 |
| 260536 | Cable Trays For Electrical Systems | 2 |
| 260537 | Wireways And Auxiliary Gutters | 2 |
| 260544 | Installation Of Cables In Trenches And In Ducts | 3 |
| 260582 | Electric Heat Trace Cables | 1 |
| 260902 | Metering And Switchboard Instruments | 3 |
| 260924 | Lighting control devices - low voltage | 3 |
| 260925 | Lighting Control Devices - Photoelectric | 2 |
| 260935 | Lighting Control Devices - Fluorescent Dimming | 3 |
| 261217 | Dry Type Transformers Up To 600 V Primary | 3 |
| 262219 | Control And Signal Transformers | 2 |
| 262300 | Low Voltage Switchgear | 5 |
| 262310 | Secondary Switchgear (120-208V & 347-600V) | 3 |
| 262417 | Panelboards Breaker Type | 3 |
| 262420 | Active Harmonic Filter | 4 |
| 262716 | Electrical Cabinets And Enclosures | 2 |
| 262726 | Wiring Devices | 3 |
| 262727 | Intelligent Parking Lot Controller (IPLC) | 4 |
| 262821 | Moulded Case Circuit Breakers | 2 |
| 262822 | Ground Fault Circuit Interrupters - Class "A" | 2 |
| 262823 | Disconnect Switches - Fused And Non-fused | 2 |
| 262901 | Contactors | 2 |
| 262904 | Miscellaneous Apparatus And Appliances | 2 |
| 262910 | Motor Starters To 600 V | 3 |
| 263203 | Power Generation Diesel | 13 |
| 263233 | Automatic Load Transfer Equipment | 6 |
| 263353 | Uninterruptible Power System | 16 |
| 264113 | Lightning Protection For Structures | 3 |
| 264313 | Transient Voltage Surge Suppression (TVSS) | 7 |
| 265000 | Lighting | 5 |
| 265123 | Public Address System | 6 |
| 265201 | Unit Equipment For Emergency Lighting | 3 |
| 265300 | Exit Signs | 2 |
| | Schedules | 44 |

Division 27 - COMMUNICATIONS

| | | |
|--------|---|----|
| 270528 | Voice And Data Communications Pathway | 6 |
| 270529 | Voice And Data Communications Cabling | 12 |
| 275130 | Intercom System | 2 |
| 275140 | "Help" and "Interview In Progress" System | 7 |

Division 28 - ELECTRONIC SAFETY AND SECURITY

| | | |
|--------|---|----|
| 281319 | Card Access Control System | 24 |
| 282300 | Video Surveillance System | 6 |
| 282310 | Video Interview System | 9 |
| 282410 | Perimeter Intrusion System | 3 |
| 283101 | Fire Alarm Systems (Addressable, Two Stage) | 20 |

Division 31 Earthwork

| | | |
|--------|--------------------------------|---|
| 311100 | Clearing and Grubbing | 2 |
| 311413 | Soil Stripping and Stockpiling | 2 |
| 312213 | Rough Grading | 2 |
| 312316 | Excavating | 2 |
| 312323 | Backfilling | 5 |
| 316323 | Bored Concrete Piles | 2 |

Division 32 – Exterior Improvements

| | | |
|--------|---|---|
| 321413 | Precast Concrete Unit Paving | 3 |
| 321414 | Precast Concrete Retaining Wall | 4 |
| 321615 | Concrete Walks, Curbs and Gutters | 3 |
| 323113 | Chain Link Fences and Gates | 4 |
| 323700 | Exterior Site Furnishings | |
| 329121 | Topsoil Placement and Grading | 4 |
| 329220 | Mechanical Seeding | 4 |
| 329223 | Sodding | 3 |
| 329310 | Trees, Shrubs and Ground Cover Planting | 9 |
| 329311 | Plant Specification List | 3 |
| 329345 | Landscape Maintenance | 4 |
| 329400 | Site Carpentry and Timber Construction | 2 |