

**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	Prefomed Metal Siding	5

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
104420	<i>Fire Extinguishers and Safety Blankets</i>	2
105113	Metal Lockers	5
105613	Metal Storage Shelving	3

**Division 11 Equipment**

113100	Residential Kitchen Appliances	3
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**Division 12 Furnishings**

120600	Furniture Schedule	13
125120	Meeting Room Furniture	5
125900	Systems Furniture	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
211316	<i>Dry Pipe Sprinkler Systems</i>	6

**Division 22 Plumbing**

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
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	31
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	60

## **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
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	4
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