

SPRING 2022
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NMS

●●● **Canadian National Master Construction Specification**



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11 41 23	Walk-In Coolers and Freezers	2011-12-31
11 51 23.13	Metal Library Shelving	2008-06-30
11 53 13	Laboratory Fume Hoods	2012-12-31
11 81 19	Vacuum Cleaning Systems	2008-06-30
11 81 29	Facility Fall Protection	2012-12-31
11 82 19	Packaged Incinerators	2011-12-31
11 82 26	Facility Waste Compactors	2011-12-31

DIVISION 12 — Furnishings

12 21 13	Horizontal Louvre Blinds	2009-12-31
12 21 16	Vertical Louvre Blinds	2008-06-30
12 35 39	Commercial Kitchen Casework	2017-10-27
12 35 53.13	Metal Laboratory Casework	2012-06-30

12 35 53.19	Wood Laboratory Casework	2011-12-31
12 50 00	Furniture	2011-12-31

DIVISION 13 — Special Construction

13 34 19	Metal Building Systems	2012-12-31
13 34 23	Fabricated Structures	2011-06-30

DIVISION 14 — Conveying Equipment

14 12 00	Electric Dumbwaiters	2022-04-20
14 20 03	Freight Elevators	2022-04-20
14 20 06	Passenger Elevators	2022-04-20
14 31 00	Escalators	2022-04-20
14 32 00	Moving Walks	2022-04-20
14 42 00	Wheelchair Lifts	2022-04-20
14 43 19	Suspended Powered Platforms	2013-12-31
14 43 21	Platform Lifts - Hydraulic	2013-12-31

DIVISION 21 — Fire Suppression

21 05 00	Common Work Results for Fire Suppression	2017-10-27
21 08 00	Commissioning of Fire Suppression	2021-08-09
21 12 00	Fire-Suppression Standpipes and Hose Assemblies	2009-12-31
21 13 13	Wet Pipe Sprinkler Systems	2009-12-31
21 13 16	Dry Pipe Sprinkler Systems	2009-12-31
21 21 16.13	Carbon Dioxide Fire Extinguishing Equipment: Total Flooding	2008-12-31
21 21 16.16	Carbon Dioxide Fire Extinguishing Systems: Local Application	2008-12-31
21 22 00	Clean Agent Fire Extinguishing Systems	2008-06-30
21 23 00	Wet Chemical Fire Extinguishing Systems	2008-12-31
21 24 00	Dry Chemical Fire Extinguishing Systems	2011-12-31
21 30 00	Fire Pumps	2009-06-30

DIVISION 22 — Plumbing

22 05 00	Common Work Results for Plumbing	2017-10-27
22 05 05	Selective Demolition for Plumbing	2018-01-30
22 05 15	Plumbing Specialties and Accessories	2012-12-31
22 08 00	Commissioning of Plumbing	2021-08-09
22 10 10	Plumbing Pumps	2005-06-30
22 11 16	Domestic Water Piping	2017-10-27
22 13 16.13	Sanitary Waste and Vent Piping - Cast Iron and Copper	2008-12-31
22 13 16.16	Sanitary Waste and Vent Piping - Plastic	2008-12-31
22 15 00	General Service Compressed - Air Systems	2005-06-30
22 31 13	Residential Domestic Water Softeners	2014-12-31
22 31 16	Commercial Domestic Water Softeners	2008-12-31
22 33 00	Electrical Domestic Water Heaters	2008-12-31
22 42 13	Commercial Water Closets, Urinals, and Bidets	2014-12-31
22 42 16	Commercial Lavatories and Sinks	2008-12-31
22 42 19	Commercial Bathtubs and Showers	2008-12-31
22 47 00	Drinking Fountains and Water Coolers	2008-12-31

DIVISION 23 — Heating, Ventilation and Air-Conditioning (HVAC)

23 01 05	Operation and Maintenance of HVAC Systems During Construction	2005-09-30
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23 01 31	Air Duct Cleaning for HVAC Systems	2009-06-30
23 05 00	Common Work Results for HVAC	2017-10-27
23 05 05	Selective Demolition for Heating, Ventilating, and Air Conditioning (HVAC)	2018-01-30
23 05 13	Common Motor Requirements for HVAC Equipment	2005-09-30
23 05 15	Common Installation Requirements for HVAC Pipework	2018-01-30
23 05 16	Expansion Fittings and Loops for HVAC Piping	2009-06-30
23 05 17	Pipe Welding	2008-12-31
23 05 19	Meters and Gauges for HVAC Piping	2006-09-30
23 05 19.13	Thermometers and Pressure Gauges - Piping Systems	2009-12-31
23 05 23.01	Valves - Bronze	2009-12-31
23 05 23.02	Valves - Cast Iron	2009-06-30
23 05 23.03	Valves - Cast Steel	2012-12-31
23 05 23.04	Valves - Lubricated Plug	2012-12-31
23 05 23.05	Butterfly Valves	2009-06-30
23 05 29	Hangers and Supports for HVAC Piping and Equipment	2009-12-31
23 05 33	Heat Tracing for HVAC Piping	2005-09-30
23 05 48	Vibration and Seismic Controls for HVAC	2018-01-30
23 05 48.16	Seismic Restraint Systems (SRS) - Type P2 Buildings	2005-09-30
23 05 53	Identification for HVAC Piping and Equipment	2005-09-30
23 05 93	Testing, Adjusting and Balancing for HVAC	2005-12-31
23 05 93.13	Testing, Adjusting and Balancing of Fume Hoods	2012-12-31
23 05 94	Pressure Testing of Ducted Air Systems	2005-06-30
23 07 13	Duct Insulation	2008-12-31
23 07 16	HVAC Equipment Insulation	2008-12-31
23 07 19	HVAC Piping Insulation	2005-12-31
23 08 00	Commissioning of HVAC	2021-08-09
23 08 13	Performance Verification HVAC Systems	2005-12-31
23 08 16	Cleaning and Start-Up of HVAC Piping Systems	2005-09-30
23 09 33	Electric and Electronic Control System for HVAC	2013-06-30
23 09 43	Pneumatic Control System for HVAC	2013-06-30
23 11 13	Facility Fuel Oil Piping	2009-12-31
23 11 23	Facility Natural Gas Piping	2005-06-30
23 11 26	Facility Liquid-Petroleum Gas Piping	2017-10-27
23 21 13.01	Hydronic Systems: Copper	2017-10-27
23 21 13.02	Hydronic Systems: Steel	2017-10-27
23 21 13.03	Press Joint Piping Systems Hydronic Systems	2017-10-27
23 21 16	Hydronic Piping Specialties	2013-06-30
23 21 23	Hydronic Pumps	2013-06-30
23 22 13	Steam and Condensate Heating Piping	2017-10-27
23 22 13.13	High Pressure Steam and Condensate Heating Piping Systems	2018-01-30
23 22 16	Steam Specialties	2008-12-31
23 22 23	Steam Condensate Pumps	2008-12-31
23 23 00	Refrigerant Piping	2013-06-30
23 25 00	HVAC Water Treatment	2013-06-30
23 31 13.01	Metal Ducts - Low Pressure to 500 Pa	2018-01-30
23 31 13.02	Metal Ducts - High Pressure to 2500 Pa	2018-01-30
23 32 48	Acoustical Air Plenums	2013-06-30
23 33 00	Air Duct Accessories	2013-06-30
23 33 14	Dampers - Balancing	2013-06-30
23 33 15	Dampers - Operating	2013-06-30
23 33 16	Dampers - Fire and Smoke	2018-01-30

23 33 46	Flexible Ducts	2013-06-30
23 33 53	Duct Liners	2013-06-30
23 34 00	HVAC Fans	2013-06-30
23 34 00.13	Domestic Fans	2013-06-30
23 34 23.13	Packaged Roof and Wall Exhausters	2013-06-30
23 35 16	Engine Exhaust Systems	2013-06-30
23 36 00	Air Terminal Units	2013-06-30
23 37 13	Diffusers, Registers and Grilles	2013-06-30
23 37 20	Louvres, Intakes and Vents	2013-06-30
23 38 13	Commercial Kitchen Hoods	2013-06-30
23 38 17	Perchloric Acid Fume Hood and Exhaust System - Stainless Steel	2010-12-31
23 38 18	Perchloric Acid Fume Hood and Exhaust System - Plastic	2010-12-31
23 40 00	HVAC Cleaning Devices	2013-06-30
23 51 00	Breechings, Chimneys and Stacks	2013-06-30
23 52 00	Heating Boilers	2013-06-30
23 54 13	Electric-Resistance Furnaces	2013-06-30
23 54 16	Fuel-Fired Furnaces	2013-06-30
23 56 13.13	Heating Solar Flat- Plate Collectors	2010-12-31
23 57 00	Heat Exchangers for HVAC	2010-06-30
23 64 13	Absorption Water Chillers	2013-12-31
23 64 16	Centrifugal Water Chillers	2010-06-30
23 64 19	Reciprocating Water Chillers	2010-06-30
23 64 26	Rotary-Screw Water Chillers	2010-06-30
23 65 10	Condensers, Coolers and Cooling Towers	2013-12-31
23 65 16	Natural Draft Cooling Towers	2013-12-31
23 72 00	Air-To-Air Energy Recovery Equipment	2013-12-31
23 73 00.13	Air Handling - Built-Up	2013-12-31
23 73 00.16	Air Handling Units - Packaged	2013-12-31
23 74 00	Packaged Outdoor HVAC Equipment	2013-12-31
23 81 23	Computer Room Air Conditioning	2011-12-31
23 81 40	Air and Water Source Unitary Heat Pumps	2011-12-31
23 82 00.13	Forced Air Heaters	2011-12-31
23 82 00.16	Incremental Heating and Cooling Units	2011-12-31
23 82 16.14	Electric-Resistance Air Coils	2019-01-30
23 82 19	Fan Coil Units	2013-06-30
23 82 23	Unit Ventilators	2011-12-31
23 82 33.13	Residential Convectors	2011-12-31
23 82 33.16	Commercial Convectors	2011-12-31
23 82 33.19	Cabinet Convector Heaters	2013-12-31
23 82 36	Finned Tube Radiation Heaters	2013-12-31
23 82 39	Unit Heaters	2011-12-31
23 82 39.23	Unit Heaters - Electric	2011-12-31
23 82 39.26	Liquid Heaters	2019-01-30
23 83 00	Radiant Heating Units	2013-12-31
23 83 00.13	Radiant Heaters - Electric Infrared	2011-12-31
23 83 13	Radiant Heating Electric Cables	2013-12-31
23 83 13.19	Radiant Heating Electric Cables - Snow Melting	2013-12-31
23 83 13.23	Radiant Heating Electric Cables - Floor Warming	2013-12-31
23 84 13	Humidifiers	2013-12-31

DIVISION 25 — Integrated Automation

25 01 11	EMCS: Start-Up, Verification and Commissioning	2004-06-30
25 01 12	EMCS: Training	2004-06-30
25 05 01	EMCS: General Requirements	2005-03-31
25 05 02	EMCS: Submittals and Review Process	2004-06-30
25 05 03	EMCS: Project Record Documents	2004-06-30
25 05 54	EMCS: Identification	2004-06-30
25 05 60	EMCS: Field Installation	2018-01-30
25 08 20	EMCS: Warranty and Maintenance	2004-06-30
25 10 01	EMCS: Local Area Network (LAN)	2005-03-31
25 10 02	EMCS: Operator Work Station (OWS)	2005-03-31
25 30 01	EMCS: Building Controllers	2005-03-31
25 30 02	EMCS: Field Control Devices	2018-01-30
25 90 01	EMCS: Site Requirements, Applications and Systems Sequences of Operation	2005-03-31

DIVISION 26 — Electrical		
26 05 00	Common Work Results for Electrical	2013-06-30
26 05 05	Selective Demolition for Electrical	2018-01-30
26 05 14	Power Cable and Overhead Conductors (1001 V)	2008-06-30
26 05 20	Wire and Box Connectors (0-1000 V)	2011-12-31
26 05 21	Wires and Cables (0-1000 V)	2008-12-31
26 05 22	Connectors and Terminations	2013-12-31
26 05 27	Grounding - Primary	2008-06-30
26 05 28	Grounding - Secondary	2011-12-31
26 05 29	Hangers and Supports for Electrical Systems	2014-06-30
26 05 31	Splitters, Junction, Pull Boxes and Cabinets	2008-06-30
26 05 32	Outlet Boxes, Conduit Boxes and Fittings	2008-06-30
26 05 33	Raceway and Boxes for Electrical Systems	2011-12-31
26 05 33.01	Surface and Lighting Fixture Raceways	2008-06-30
26 05 34	Conduits, Conduit Fastenings and Conduit Fittings	2006-12-31
26 05 36	Cable Trays for Electrical Systems	2018-01-29
26 05 37	Wireways and Auxiliary Gutters	2011-12-31
26 05 38	Cellular Metal Floor Raceway Fittings	2013-12-31
26 05 39	Underfloor Raceways for Electrical Systems	2014-06-30
26 05 43.01	Installation of Cables in Trenches and in Ducts	2011-12-31
26 05 80	Fractional Horsepower Motors	2006-09-30
26 05 81	Motors: 0.746 to 149 KW	2006-12-31
26 06 31	Diesel Electric Generating Units Appendix A - Technical Data Form	2011-12-31
26 08 00	Commissioning of Electrical	2021-08-09
26 09 23.01	Metering and Switchboard Instruments	2011-12-31
26 09 23.02	Lighting Control Devices - Photoelectric	2010-12-31
26 09 23.03	Lighting Control Devices - Incandescent Dimming	2007-03-31
26 09 23.04	Lighting Control Devices - Fluorescent Dimming	2009-12-31
26 09 24	Lighting Control Devices - Low Voltage	2006-03-31
26 09 43	Network Lighting Controls	2011-12-31
26 11 00.01	Outdoor Substation to 15 KV	2006-12-31
26 11 13.01	Unit Substation to 15 KV	2011-12-31
26 12 13	Liquid Filled, Medium Voltage Transformers	2006-12-31
26 12 16	Dry Type, Medium Voltage Transformers	2011-12-31
26 12 16.01	Dry Type Transformers Up to 600 V Primary	2011-12-31
26 12 16.13	Pad-Mounted, Dry-Type Transformers for Airfield Visual Aids	2016-07-22
26 12 19	Pad Mounted, Liquid Filled, Medium Voltage Transformers	2006-12-31

26 12 21	Transformer Vault Equipment to 15 KV	2006-12-31
26 13 01	Isolating Switches to 15 KV	2011-12-31
26 13 16	Medium-Voltage Fusible Interrupter Switchgear	2011-12-31
26 13 18	Primary Switchgear Assembly to 15 KV	2011-12-31
26 18 26	Medium Voltage Reclosers	2011-12-31
26 18 39.01	Motor Controllers - 2000 to 5000 V (Non-Hazardous)	2007-03-31
26 18 41	Interlock Systems	2011-12-31
26 22 19	Control and Signal Transformers	2011-12-31
26 23 00	Low Voltage Switchgear	2011-12-31
26 24 01	Service Equipment	2013-06-30
26 24 02	Service Entrance Board	2013-06-30
26 24 13	Switchboards	2013-06-30
26 24 13.01	Generator Switchboard to 600 V	2013-06-30
26 24 13.02	Generator Switchboard Over 600 V	2011-12-31
26 24 16.01	Panelboards Breaker Type	2011-12-31
26 24 16.02	Panelboards Switch and Fuse Type	2013-06-30
26 24 19	Motor Control Centres	2013-06-30
26 25 00	Enclosed Bus Assemblies	2011-06-30
26 27 10	Modular Wiring System	2008-06-30
26 27 16	Electrical Cabinets and Enclosures	2011-06-30
26 27 19	Multi-Outlet Assemblies	2009-06-30
26 27 23	Indoor Service Poles	2011-06-30
26 27 26	Wiring Devices	2011-06-30
26 27 73	Door Chimes	2010-12-31
26 28 13.01	Fuses - Low Voltage	2008-06-30
26 28 13.02	Outdoor Load Break Switches and Fuses	2011-06-30
26 28 16.01	Air Circuit Breakers	2011-12-31
26 28 16.02	Moulded Case Circuit Breakers	2012-06-30
26 28 18	Ground Fault Equipment Protection	2011-06-30
26 28 20	Ground Fault Circuit Interrupters - Class A	2011-06-30
26 28 22	Load Break Switches	2011-06-30
26 28 23	Disconnect Switches - Fused and Non-Fused	2013-12-31
26 29 01	Contactors	2011-06-30
26 29 02	Fire Pump Control	2016-07-22
26 29 03	Control Devices	2011-06-30
26 29 10	Motor Starters to 600 V	2008-12-31
26 32 13.01	Power Generation Diesel	2009-12-31
26 32 13.02	Power Generation to 30 KW	2009-12-31
26 32 13.03	Installation of Electric Power Generating Equipment	2011-12-31
26 32 13.04	Diesel Electric Generating Units (Liquid Cooled)	2009-12-31
26 32 13.05	Diesel Electric Generating Units (Air Cooled)	2009-12-31
26 32 13.07	Diesel Electric Generating Units Appendix B Factory Test	2009-12-31
26 33 16	Battery Racks	2014-06-30
26 33 43	Battery Chargers	2011-06-30
26 33 53	Static Uninterruptible Power Supply	2017-10-27
26 33 54	Hospital Operating Rooms Isolated Power Supply	2011-06-30
26 35 33	Power Factor Correction Equipment	2006-12-31
26 36 23	Automatic Transfer Switches	2011-06-30
26 41 00.01	Primary Lightning Arresters	2011-06-30
26 41 00.02	Secondary Lightning Arresters	2011-12-31
26 41 13	Lightning Protection for Structures	2010-12-31
26 42 00	Cathodic Protection	2009-12-31

26 42 00.01	Telethermics - Cathodic Protection	2006-12-31
26 50 00	Lighting	2008-12-31
26 52 00.01	Lighting - Central Emergency System	2011-12-31
26 52 13.13	Emergency Lighting	2011-06-30
26 52 13.16	Exit Signs	2017-04-25
26 53 13	Photoluminescent Signage	2013-06-30
26 55 36.13	Medium-Intensity (M.I.) Red Flashing Obstruction Lighting	2016-07-31
26 55 36.16	Medium - Intensity (M.I.) White Flashing Obstruction Light	2016-07-31
26 55 36.19	Low-Intensity (L.I.) Red Obstruction Lighting	2016-07-22
26 56 19	Roadway Lighting	2013-12-31

DIVISION 27 — Communications

27 05 13	Communications Services	2011-12-31
27 05 26	Grounding and Bonding for Communications Systems	2006-03-31
27 05 28	Pathways for Communications Systems	2011-12-31
27 10 05	Structured Cabling for Communications Systems	2006-09-30
27 11 20	Terminals and Connectors for Communications Conductors - Entrance Facility	2011-12-31
27 31 00	Voice Communications Switching and Routing Equipment	2011-12-31
27 51 16	Public Address and Mass Notification Systems	2011-12-31
27 51 23	Intercommunications and Program Systems	2011-12-31
27 52 24	Nurses Call Systems	2011-12-31
27 53 13	Clock Systems	2010-12-31

DIVISION 28 — Electronic Safety and Security

28 10 00	Access Control	2010-12-31
28 13 27	Security Door Supervision	2010-12-31
28 13 28	Building Entrance Control System	2010-12-31
28 14 00	Access Control System Hardware	2014-12-31
28 23 00	Video Surveillance	2010-12-31
28 31 00	Intrusion Detection	2017-10-27
28 31 00.01	Multiplex Fire Alarm System	2010-12-31
28 31 00.02	Multiplex Fire Alarm and Voice Communication Systems	2010-12-31
28 46 00	Fire Detection and Alarm	2006-03-31

DIVISION 31 — Earthworks

31 00 00.01	Earthwork - Short Form	2010-12-31
31 00 99	Earthwork for Minor Works	2021-11-05
31 05 10	Corrected Maximum Dry Density for Fill	2006-12-31
31 05 16	Aggregates for Earthwork	2012-06-30
31 08 13	Pile Load Testing	2006-09-30
31 09 16.01	Pile Driving Templates	2006-12-31
31 11 00	Clearing and Grubbing	2021-11-05
31 14 13	Soil Stripping and Stockpiling	2006-06-30
31 22 13	Rough Grading	2012-06-30
31 22 14	Airfield Grading	2012-06-30
31 22 16.13	Roadway Subgrade Reshaping	2012-06-30
31 23 16.26	Rock Removal	2009-12-31
31 23 33.01	Excavating, Trenching and Backfilling	2021-11-05
31 24 13	Roadway Embankments	2012-06-30
31 31 19.13	Chemical Vegetation Control	2016-04-18

31 32 13.19	Lime Soil Stabilization	2006-09-30
31 32 19.13	Geogrid Soil Stabilization	2021-11-05
31 32 19.16	Geotextile Soil Stabilization	2016-04-18
31 36 00	Gabions	2006-09-30
31 36 19	Gabion Mattresses	2013-12-31
31 37 00	Rip-Rap	2006-09-30
31 53 13	Timber Cribwork	2006-09-30
31 61 13	Pile Foundations, General Requirements	2006-09-30
31 62 13.19	Precast Concrete Piles	2007-03-31
31 62 16.13	Sheet Steel Piles	2012-06-30
31 62 16.14	Steel Sheet Pile Cells	2006-09-30
31 62 16.16	Steel H Piles	2006-12-31
31 62 16.19	Unfilled Tubular Steel Piles	2006-12-31
31 62 19	Timber Piles	2006-12-31
31 63 19	Bored and Socketed Piles	2012-06-30
31 63 19.13	Rock Sockets for Piles	2006-09-30
31 63 23	Bored Concrete Piles	2006-12-31
31 63 24	Compacted Expanded-Base Concrete Piles	2006-12-31
31 63 26.16	Concrete Caissons for Marine Construction	2006-12-31

DIVISION 32 — Exterior Improvements		
32 01 11.01	Pavement Cleaning and Marking Removal	2011-06-30
32 01 11.02	Pavement Crack Cleaning and Filling	2012-06-30
32 01 13.01	Flexible Paving Surface Treatment - Single Application	2009-12-31
32 01 13.02	Flexible Paving Surface Treatment - Multiple Application	2010-06-30
32 01 16.01	Flexible Paving Surface Grooving	2011-06-30
32 01 16.13	Reshaping Asphalt Pavement	2012-06-30
32 01 18	Routing and Sealing Pavement Cracks	2013-06-30
32 01 90.23	Pruning	2019-04-24
32 01 90.33	Tree and Shrub Preservation	2019-04-24
32 11 16.01	Granular Sub-Base	2011-06-30
32 11 17	Reshaping Granular Roadbed	2006-09-30
32 11 23	Aggregate Base Courses	2011-06-30
32 11 33	Cement-Treated Base Courses	2007-12-31
32 12 10	Marshall Immersion Test for Bitumen	2010-12-31
32 12 13.16	Asphalt Tack Coats	2012-06-30
32 12 13.23	Asphalt Prime Coats	2012-06-30
32 12 16	Asphalt Paving	2011-06-30
32 12 16.01	Asphalt Paving - Short Form	2013-06-30
32 12 16.02	Asphalt Paving for Building Sites	2011-06-30
32 12 19.13	Road-Mix Asphalt Paving Wearing Courses	2012-12-31
32 12 36.14	Asphalt Seal Coat	2013-12-31
32 12 36.16	Coal Tar Seal Coats	2013-12-31
32 13 13	Concrete Paving	2014-06-30
32 13 13.01	Concrete Paving for Building Site	2007-12-31
32 13 13.17	Roller Compacted Concrete Paving	2012-06-30
32 14 10	Unit Paving on Sand Bed	2006-09-30
32 14 13	Precast Concrete Unit Paving	2013-12-31
32 15 40	Crushed Stone Surfacing	2009-12-31
32 15 60	Roadway Dust Control	2010-12-31
32 16 00	Curbs, Gutters and Sidewalks	2017-04-25

32 17 23	Pavement Markings	2017-04-25
32 21 00.01	Well Pumps	2012-06-30
32 31 13	Chain Link Fences and Gates	2011-06-30
32 31 26	Wire Fences and Gates	2011-06-30
32 32 26	Metal Crib Retaining Walls	2010-12-31
32 32 34	Reinforced Soil Retaining Walls	2016-04-18
32 33 00	Site Furnishings	2016-04-18
32 91 19.13	Topsoil Placement and Grading	2019-04-24
32 91 19.16	Topsoil Placement for Vegetated Roofs	2019-04-24
32 92 19.13	Mechanical Seeding	2019-01-30
32 92 19.16	Hydraulic Seeding	2019-01-30
32 92 23	Sodding	2019-01-30
32 93 10	Trees, Shrubs and Ground Cover Planting	2019-04-24
32 93 23.13	Interior Plantings	2019-04-24

DIVISION 33 — Utilities		
33 05 14.03	Telethermics Pre-Fabricated Steel Maintenance Holes	2013-12-31
33 05 16	Maintenance Holes and Catch Basin Structures	2013-12-31
33 07 13	Telethermics - Thermal Insulation	2010-06-30
33 07 16	Factory Pre-Insulated Piping Systems for Utility Applications	2013-12-31
33 11 00	Groundwater Sources	2012-06-30
33 14 16	Site Water Utility Distribution Piping	2019-01-30
33 14 16.13	Incoming Site Water Utility Distribution Piping	2017-10-27
33 31 11	Public Sanitary Sewerage Gravity Piping	2019-01-30
33 31 23	Sanitary Sewerage Force Main Piping	2019-01-30
33 32 13.13	Packaged Sewage Lift, Wet Well Type	2012-06-30
33 36 00	Wastewater Utility Storage Tanks	2016-10-26
33 36 33	Utility Drainage Field	2012-06-30
33 41 00	Storm Utility Drainage Piping	2019-01-30
33 41 16	Subdrainage Piping	2011-06-30
33 42 13	Pipe Culverts	2011-06-30
33 46 13.01	Foundation and Underslab Drainage	2019-01-30
33 46 16.01	Sub-Drain Backfill Sealing With Asphalt	2012-06-30
33 47 13	Pond and Reservoir Liners	2016-04-18
33 47 23	Sanitary Sewage Lagoons	2013-12-31
33 56 13	Aboveground Fuel - Storage Tanks	2019-11-06
33 56 16	Underground Fuel - Storage Tanks	2019-11-06
33 65 13	Telethermics - Distribution Piping - Steel	2019-11-06
33 65 16	Telethermics - Distribution Piping - PVC - FRP	2007-03-31
33 65 26	Telethermics - Insulated and Plastic Jacketed Systems	2007-03-31
33 65 29	Telethermics - Directly Buried, Loose Fill Insulated, Systems	2010-12-31
33 65 33	Telethermics - Dryable Drainable, Testable Conduit Systems	2017-10-27
33 65 43	Telethermics - Steel Tunnel Systems	2017-10-27
33 65 46	Telethermics - Shallow Inverted Trench (SIT) Systems	2017-10-27
33 65 73	Concrete Encased Duct Banks and Manholes	2007-12-31
33 65 76	Direct Buried Underground Cable Ducts	2009-06-30
33 71 16.01	Electrical Pole Lines and Hardware	2009-06-30
33 71 73.01	Overhead Electrical Service	2007-12-31
33 71 73.02	Underground Electrical Service	2009-06-30
33 77 33	Fuse Cutouts and Fuse Links - Outdoor	2011-12-31

DIVISION 34 — Transportation		
34 43 05	Common Work Results for Airfield Lighting	2016-07-22
34 43 05.39	Airfield Approach Light Support Structures	2017-07-21
34 43 13.11	Airfield Beacons and Towers	2016-07-26
34 43 13.13	Airfield Threshold Runway Identification Lights	2016-07-22
34 43 13.14	Airfield Visual Alignment Guidance System	2016-07-22
34 43 13.15	Airfield Illuminated Ground Navigation Signs	2016-07-26
34 43 13.16	Airfield Runway and Taxiway Inset Lighting	2016-07-22
34 43 13.17	Airfield Elevated Edge Lighting	2016-07-26
34 43 13.18	Airfield Runway Guard Lights	2016-07-26
34 43 13.23	Airfield Simplified Short Approach Lighting System with Runway Alignment Indicator Lights (SSALR)	2016-07-26
34 43 13.24	Airfield Simplified Short Approach Lighting System- SSALS	2016-07-22
34 43 13.26	Airfield Omni-Directional Approach Lighting Equipment	2016-07-26
34 43 13.30	Airfield Medium Intensity Approach Lighting System (MALS)	2016-07-22
34 43 13.31	Airfield Medium Intensity Approach Light System with Runway Alignment Indicator Lights (MALSR)	2016-07-22
34 43 13.32	Airfield Medium Intensity Approach Lighting System with Sequenced Flashing Lights (MALSF)	2016-07-22
34 43 13.35	Approach Lighting System CAT. II or CAT. III - ALSF-2	2016-07-22
34 43 13.36	Airfield Precision-Approach Path Indicator Equipment	2016-07-26
34 43 13.43	Airfield Apron Floodlighting	2016-07-26
34 43 23.16	Airfield Wind Cones	2016-07-22
34 43 26.13	Airfield Lighting Control Equipment	2012-12-31
34 43 26.16	Airfield Lighting PLC Control Equipment	2016-07-22
34 43 26.19	Airfield Lighting Regulator Assembly	2017-07-21
34 71 13.01	Vehicle Concrete Barriers	2011-06-30
34 71 13.21	Vehicle Guide Posts	2011-06-30
34 71 13.22	Vehicle Post Delineators	2014-06-30
34 71 13.25	Vehicle W-Beam Guide Rail	2021-11-05
34 71 13.27	Vehicle Cable Guide Rail	2013-06-30
34 71 13.28	Vehicle Box Beam Guide Rail	2021-11-05
34 72 16	Railway Siding	2007-12-31
34 73 16.13	Aircraft Static Grounding	2016-07-22
34 77 13	Passenger Boarding Bridges	2010-12-31

DIVISION 35 — Waterway and Marine Construction		
35 01 40.51	Waterway Maintenance Dredging	2016-07-26
35 01 40.92	Preservation of Water Courses and Wetlands	2019-04-24
35 20 24	Dredging	2016-07-26
35 31 19	Revetments	2006-09-30
35 31 23.13	Rubble Mound Breakwaters	2010-12-31
35 51 23	Pontoons	2006-12-31
35 59 13.19	Rubber Marine Fenders	2010-12-31
35 59 29	Mooring Devices	2006-12-31

DIVISION 42 — Process heating, Cooling and Drying Equipment		
42 20 00	Process Cooling Equipment	2017-10-27

DIVISION 44 — Pollution and Waste Control Equipment		
44 41 13	Commercial Water Treatment Plants	2019-11-06

An aerial photograph of a city grid, likely Ottawa, Canada, viewed from a high angle. The image is overlaid with a semi-transparent purple filter. The grid of streets and buildings is clearly visible, with some larger, more complex structures in the center and smaller, more uniform blocks towards the edges.

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