

VOLUME 1

GENERAL CONDITIONS

DIVISION 01 - GENERAL REQUIREMENTS

011000	Summary	
012100	Allowances	Added 2017.08.31 Addendum 3
012200	Unit Prices	Added 2017.08.31 Addendum 3
012500	Contract Modification Procedures	
012900	Payment Procedures	
013100	Project Management and Coordination	
013200	Construction Progress Documentation	
013233	Photographic Documentation	
013300	Submittal Procedures	
014000	Quality Requirements	
014200	References	
015000	Temporary Facilities and Controls	
016000	Product Requirements	
017000	Execution Requirements	
017133	Protection of Existing Utilities	
017310	Cutting and Patching	
017700	Closeout Procedures	
017810	Project Record Documents	
017820	Operation and Maintenance Data	
017900	Demonstration and Training	

DIVISION 02 - EXISTING CONDITIONS

022100	Project Survey and Layout	
024113	Site Demolition	

DIVISION 03 – CONCRETE

033000	Cast-in-place Concrete	
035300	Concrete Toppings	

DIVISION 04 - MASONRY

042000	Unit Masonry	
047200	Cast Stone Masonry	

DIVISION 5 - METALS

051200	Structural Steel Framing	
053100	Steel Decking	
054000	Cold-formed Metal Framing	
055000	Metal Fabrications	

055110	Metal Stairs
055213	Pipe and Tube Railings
055215	Exterior Trellis Assemblies
057514	Metal Column Covers

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

061000	Rough Carpentry
061600	Sheathing
064020	Interior Architectural Woodwork
068200	Fiber- reinforced Plastic Panels

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

071325	Foundation Waterproofing
071616	Crystalline Waterproofing
072100	Thermal Insulation
072500	Weather Barriers
073113	Asphalt Shingles
074213	Formed Metal Wall Panels
074216	Standing- seam Metal Roof Panels
074310	Metal Composite Material Wall Panels
075216	Styrene-butadiene-styrene (SBS) Modified Bituminous Membrane Roofing
076200	Sheet Metal Flashing and Trim
077200	Roof Accessories
078100	Applied Fireproofing
078413	Penetration Firestopping
078446	Fire-resistive Joint Systems Revised 2017.09.08 Addendum 6
079200	Joint Sealants
079500	Expansion Control

DIVISION 08 - OPENINGS

080671	Door Hardware Sets
081113	Hollow Metal Doors and Frames
081416	Flush Wood Doors
083113	Access Doors and Frames
084113	Aluminum-framed Entrances and Storefronts Revised 2017.09.06 Addendum 6
084115	Interior Aluminum Framed Glazed Partitions Revised 2017.08.24 Addendum 2
084413	Glazed Aluminum Curtain Walls
085113	Aluminum Windows
087100	Door Hardware
087113	Automatic Door Operators
088000	Glazing
089119	Fixed Louvers

DIVISION 9 - FINISHES

092116.23	Gypsum Board Shaft Wall Assemblies
092216	Non-structural Metal Framing
092900	Gypsum Board
093100	Tiling
095113	Acoustical Panel Ceilings
096519	Resilient Tile Flooring
096723	Resinous Flooring
096813	Tile Carpeting
097200	Wall Coverings
099100	Painting

DIVISION 10 - SPECIALTIES

101100	Visual Display Surfaces	
101400	Signage	
102111	Toilet Compartments	
102800	Toilet Accessories	
104400	Fire Protection Specialties	
105500	Postal Specialties	Revised 2017.08.24 Addendum 2

DIVISION 11 - EQUIPMENT

113200	Laundry Equipment
114500	Residential Appliances
115213	Projection Screens
118226	Waste Management Equipment

DIVISION 12 - FURNISHINGS

122413	Roller Window Shades
124813	Entrance Floor Mats and Frames

DIVISION 13 - SPECIAL CONSTRUCTION

Not Used

DIVISION 14 - CONVEYING EQUIPMENT

142100	Electric Traction Elevators	Revised 2017.09.08 Addendum 6
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DIVISION 21 - FIRE SUPPRESSION

210000	Basic Fire Suppression Requirements
210500	Basic Fire Suppression Materials and Methods
210513	Common Motor Requirements for Fire Suppression
210517	Sleeves and Sleeve Seals for Fire-Suppression Piping
210518	Escutcheons for Fire-Suppression Piping
210548	Vibration and Seismic Controls for Fire-Suppression

210553	Identification for Fire-Suppression Piping and Equipment
210701	Through Penetration Firestop System
211200	Fire-Suppression Standpipes
211313	Wet-Pipe Sprinkler Systems

DIVISION 22 – PLUMBING

220516	Expansion Fittings and Loops for Plumbing Piping
220517	Sleeves and Sleeve Seals for Plumbing Piping
220518	Escutcheons for Plumbing Piping
220519	Meters and Gages for Plumbing Piping
220523.12	Ball Valves for Plumbing Piping
220523.14	Check Valves for Plumbing Piping
220529	Hangers and Supports for Plumbing Piping and Equipment
220719	Plumbing Piping Insulation
221113	Facility Water Distribution
221116	Domestic Water Piping
221119	Domestic Water Piping Specialties
221123	Domestic Water Pumps
221316	Sanitary Waste and Vent Piping
221319	Sanitary Waste Piping Specialties
221413	Facility Storm Drainage Piping
221423	Storm Drainage Piping Specialties
221429	Sump Pumps
223400	High Efficiency Domestic Water Heaters
224100	Plumbing Fixtures
224200	Facility Natural Gas Piping

DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING

230000	Basic Mechanical Requirements
230500	Basic Mechanical Materials and Methods
230513	Motors
230514	Motor Controllers
230516	Pipe Expansion
230519	Meters and Gages
230523	Valves for HVAC Equipment and Piping
230529	Hangers and Supports
230548	Vibration Isolation, Seismic, Wind & Flood Load Restraints for IBC
230553	Mechanical Identification
230554	Mechanical Painting
230593	Testing, Adjusting and Balancing
230700.1	Duct Insulation
230700.2	Equipment Insulation
230700.3	Pipe Insulation
230700.4	Fire Barrier Duct Wrap and Plenum Wrap
230701	Through-penetration Firestop Systems
230800	HVAC Commissioning Requirements

230900	DDC ATC Controls	REVISED 2017.08.24 Addendum 2; REVISED 2017.08.31 Addendum 3
231123	Facility Natural Gas Piping	
232113	Hydronic Piping	
232114	Victaulic Piping Grooved-Mechanical Joint Piping	Renamed 2017.09.08 Addendum 6
232123	Hydronic Pumps	
232300	Refrigerant Piping	
232500	HVAC Water Treatment	
233000	Reinforced Concrete Pads	
233113	Metal Ductwork	
233300	Duct Accessories	
233420	Boiler Room Gas Detection	
233423	Power Ventilators	
233425	Roof Accessories for Mechanical Systems	
233713	Diffusers Registers Grilles	
234100	Filters	
235100	Breeching & Metal Liners	
235216	Condensing Boilers	
237200	Air to Air Energy Recovery Units	
238000	(VFD) Variable Frequency Drives	
238219	Fan Coil Units	
238220	Vertical Fan Coil Units	Revised 2017.09.08 Addendum 6

DIVISION 26 – ELECTRICAL

260500.10	Special Requirements for Electrical Work
260500.20	Basic Electrical Materials and Methods
260500.30	Penetration Fire stopping
260500.40	Electrical Testing
260519	Low Voltage Electrical Power Conductors and Cables
260523	Control Voltage Electrical Cables
260526	Grounding and Bonding for Electrical Systems
260529	Hangers and Supports for Electrical Systems
260533	Raceways and Boxes for Electrical Systems
260543.10	Electrical Related Work
260543.20	Underground Ducts and Utility Structures
260544	Sleeves and Sleeve Seals for Raceways and Cabling
260548.16	Vibration and Seismic Controls for Electrical Systems
260553	Identification for Electrical Systems
260573	Overcurrent Protective Device Coordination Study, Fault Current Study and Arc Flash Hazard Analysis
260913.10	Motor Controllers
260923	Distributed Digital Lighting Control Devices
262413	Switchboards
262416	Panelboards
262713.10	Electricity Metering
262726	Wiring Devices
262813	Fuses

262816	Enclosed Switches and Circuit Breakers
263213	Engine Generators
263353	Static Uninterruptible Power Supply Revised 2017.09.08 Addendum 6
263600	Transfer Switches
265119	Led Interior Lighting
265219	Emergency and Exit Lighting
265619	Led Exterior Lighting
268313	Radiant Electric Heating Cable

DIVISION 27 – COMMUNICATIONS

271000	Technology Infrastructure and Systems
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DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

281000	Electronic Security Systems
283111	Digital, Addressable Fire Alarm System Revised 2017.09.08 Addendum 6

DIVISION 31 - EARTHWORK

311000	Site Preparation
312200	Earthwork REVISED 2017.08.31 Addendum 3
312333	Excavation, Backfill, and Compaction for Utilities
312513	Erosion and Sedimentation Control
313200	Soil Stabilization

DIVISION 32 - EXTERIOR IMPROVEMENTS

321000	Curbs and Sidewalks
321123	Aggregate Materials
321124	Base Course
321216	Asphaltic Concrete Paving
321313	Portland Cement Concrete Paving
321723	Pavement Markings
323216	Precast Modular Block Retaining Wall
328210	Chain Link Fences & Gates Added 08/24/2017 Addendum 2; Revised Addendum 3
328400	Irrigation
329200	Lawns and Grasses
329300	Plantings

DIVISION 33 - UTILITIES

331100	Water Distribution Systems
332334	Excavation, Backfill, and Compaction for Pavement
333100	Sanitary Sewer Systems
333913	Sewer Manholes, Frames, and Covers
334900	Storm Drainage

335100 Natural Gas Distribution

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