



**Design and
Construction
Guidelines**

Division 00 – Procurement and Contracting Requirements **June 2019**

00 43 00	Consultant Invoice Summary – AIA
00 45 13	Contractor’s Qualification Form
00 45 13	Contractor’s Requalification Form
00 65 00	Instructions for Payment/Lien Release
00 73 16	FM Global Plan Review Guidelines
00 73 19	Health and Safety Requirements
00 73 43	Prevailing Wages

Division 01 – General Requirements **June 2019**

01 31 19	Meetings
01 33 23	CAD Specifications and Deliverables
01 33 29	Sustainable Design Reporting
01 41 19	Contractor Rules
01 50 00	Temporary Facilities and Controls
01 73 29	Cutting and Patching
01 81 13	Climate Action Plan
01 84 00	Space Definitions and Guidelines
01 89 00	Site and Parking Lot Design Standards

Division 02 – Existing Conditions **June 2019**

02 26 00	Asbestos Containing Materials Reference
----------	---

Division 03 – Concrete **June 2019**

03 01 00	Maintenance of Concrete
----------	-------------------------

Division 04 – Masonry **June 2019**

04 21 13	Brick Masonry
----------	---------------

Division 05 – Metals **June 2019**

05 05 13	Shop-Applied Coatings for Metal
----------	---------------------------------

Division 07 – Thermal and Moisture Protection

June 2019

07 20 00	Thermal Protection
07 72 00	Roof Accessories
07 80 00	Fire and Smoke Protection

Division 08 – Openings

June 2019

08 11 00	Metal Doors and Frames
08 42 00	Entrances
08 44 00	Curtain Wall and Glazed Assemblies
08 71 00	Hardware
08 79 13	Key Storage Equipment
08 80 00	Glazing

Division 09 – Finishes

June 2019

09 06 00	Schedules for Finishes
09 30 00	Tiling
09 51 00	Acoustical Ceilings
09 61 00	Common Work Results for Flooring
09 62 00	Textile Composite Flooring
09 64 00	Wood Flooring
09 65 13	Resilient Base and Accessories
09 65 16	Resilient Sheet Flooring
09 65 19	Resilient Tile Flooring
09 67 00	Seamless Flooring
09 68 00	Carpeting
09 91 23	Interior Painting

Division 10 – Specialties

June 2019

10 14 00	Signage
10 14 19	Exterior Building Signs
10 21 13	Toilet Compartments
10 28 13	Toilet Accessories

10 44 00	Fire Protection Specialties
10 56 16	Fabricated Wood Storage Shelving
10 73 00	Bike Shelters
10 73 00	Protective Covers

Division 11 – Equipment

June 2019

11 12 00	Parking Control Equipment
11 52 00	Audio/Visual Equipment
11 82 13	Solid Waste Bins

Division 12 – Furnishings

June 2019

12 21 00	Window Blinds
12 48 13	Entrance Floor Mats
12 48 23	Entrance Grids
12 50 00	Furniture
12 51 00	Office Furniture and Modular Office Systems
12 54 00	Dining Furniture
12 56 00	Classroom and Class Lab Furniture
12 58 00	Residential Furniture
12 80 00	Mechanical Room Furnishings
12 93 13	Bike Racks
12 93 43	Site Seating and Tables

Division 14 – Conveying Equipment

June 2019

14 01 00	Operation and Maintenance Requirements
14 05 00	Common Work Results for Conveying Equipment
14 50 00	Documentation

Division 21 – Fire Sprinkler System

June 2019

21 05 00	Common Work Results for Fire Sprinkler System
21 05 53	Identification for Fire Sprinkler Piping and Equipment
21 08 00	Commissioning

21 13 13	Wet-Pipe Sprinkler Systems
21 13 16	Dry-Pipe Sprinkler System
21 30 00	Fire Pumps

Division 22 – Plumbing

June 2019

22 05 00	Common Work Results for Plumbing
22 05 19	Meters and Gauges
22 05 23	General-Duty Valves
22 05 29	Hangers and Supports
22 05 53	Identification for Plumbing Equipment and Piping
22 07 19	Plumbing Insulation
22 11 16	Domestic Water Piping
22 11 23	Domestic Water Pumps
22 13 16	Sanitary Waste and Vent Piping
22 14 13	Facility Storm Drainage Piping
22 16 23	Natural Gas Piping
22 42 00	Plumbing Equipment and Fixtures
22 45 00	Emergency Plumbing Fixtures
22 47 13	Drinking Fountains

Division 23 – Heating, Ventilating, and Air Conditioning

June 2019

23 01 00	Operation and Maintenance Requirements
23 05 19	Meters and Gauges
23 05 23	General-Duty Valves
23 05 29	Hangers and Supports
23 05 53	Identification for HVAC Equipment and Piping
23 05 93	Testing, Adjusting, and Balancing
23 07 00	HVAC Insulation
23 09 00	Instrumentation and Control for HVAC
23 09 13	Control Valves
23 21 00	Hydronic Piping and Pumps
23 23 00	Refrigerant Piping

23 31 00	HVAC Air Distribution
23 34 00	HVAC Fans
23 36 16	Variable-Air Volume Units
23 40 00	HVAC Air Cleaning Devices (Filters)
23 60 00	Central Cooling Equipment
23 74 00	Roof-Mounted Equipment
23 81 46	Heat Pumps
23 82 00	Convection Heating and Cooling Units

Division 26 – Electrical

June 2019

26 01 00	Operation and Maintenance of Electrical Systems
26 05 00	Common Work Results for Electrical
26 10 00	Medium-Voltage Electrical Distribution
26 20 00	Low-Voltage Electrical Distribution
26 24 16	Panelboards
26 27 13	Electricity Metering
26 29 23	Variable Frequency Motor Controllers (VSD)
26 50 00	Lighting
26 55 00	Special Purpose Lighting

Division 27 – Communications

June 2019

27 05 00	Basic Communication Requirements
27 05 00	Communications Spaces
27 05 00	Common Work Results
27 13 00	Backbone Cabling Requirements
27 15 00	Horizontal Cabling Requirements

Division 28 – Security, Fire Detection, and Alarm

June 2019

28 15 00	Access Control Hardware
28 20 00	Video Surveillance
28 30 00	Security Detection, Alarm, Monitoring
28 46 00	Fire Detection and Alarm

28 46 10	Detection and Initiation
28 46 21	Addressable Fire Alarm Systems
28 46 26	Fire Alarm Notification Appliances

Division 32 – Exterior Improvements

June 2019

32 05 13	Soils for Exterior Improvements
32 12 16	Asphalt Paving
32 13 13	Concrete Paving
32 14 13	Precast Concrete Pavers
32 16 40	Curbing
32 17 23	Pavement Markings
32 35 00	Screening Devices
32 93 43	Plants
32 93 43	Trees

Division 33 – Utilities

June 2019

33 05 00	Restoration Standards for Underground Utilities
33 05 13	Manholes
33 10 00	Water Utilities
33 30 00	Sanitary Sewer Utilities
33 40 00	Storm Drainage Utilities
33 44 16	Trench Drains
33 44 31	Catch Basins
33 51 00	Natural Gas Piping
33 70 00	Electrical Utilities
33 82 00	Communications Transmissions and Distribution