

LIST OF SPECIFICATIONS

VOLUME 01:

DIVISION 00 – SPECIAL SECTIONS

- 00 01 15 LIST OF DRAWINGS SHEETS
- 00 31 33.01 SUBSURFACE DRILLING AND SAMPLING INFORMATION

DIVISION 01 – GENERAL REQUIREMENTS

- 01 00 00 GENERAL REQUIREMENTS
- 01 33 00.01 SUBMITTAL PROCEDURES
- 01 33 23 SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES
- 01 42 19 REFERENCE STANDARDS
- 01 45 29 TESTING LABORATORY SERVICES
- 01 57 19 TEMPORARY ENVIRONMENTAL CONTROLS
- 01 74 19 CONSTRUCTION WASTE MANAGEMENT
- 01 78 39.01 PROJECT RECORD DOCUMENTS
- 01 79 00.01 SYSTEM DEMONSTRATIONS
- 01 81 11.01 SUSTAINABLE DESIGN REQUIREMENTS
- 01 91 00 GENERAL COMMISSIONING REQUIREMENTS

DIVISION 02 – EXISTING CONDITIONS

- 02 21 00 SITE SURVEYS
- 02 41 00 DEMOLITION

DIVISION 03 - CONCRETE

- 03 30 00 CAST-IN-PLACE CONCRETE
- 03 30 53 MISCELLANEOUS CAST-IN-PLACE CONCRETE

DIVISION 05 - METALS

- 05 12 00 STRUCTURAL STEEL FRAMING
- 05 31 00 STEEL DECKING
- 05 36 00 COMPOSITE METAL DECKING
- 05 40 00 COLD-FORMED METAL FRAMING
- 05 50 00 METAL FABRICATIONS
- 05 51 00 METAL STAIRS

DIVISION 06 – WOOD, PLASTICS AND COMPOSITES

- 06 16 63 CEMENTITIOUS SHEATHING

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

- 07 08 00 FACILITY EXTERIOR CLOSURE COMMISSIONING
- 07 12 00 BUILT-UP BITUMINOUS WATERPROOFING

07 13 00 SHEET WATERPROOFING
07 13 26.01 SELF-ADHERING SHEET MEMBRANE WATERPROOFING
07 13 52 MODIFIED BITUMINOUS SHEET WATERPROOFING
07 21 00.01 BUILDING INSULATION
07 21 13 THERMAL INSULATION
07 22 00 ROOF AND DECK INSULATION
07 27 16.01 SELF-ADHERING AIR BARRIER - VAPOR RESISTIVE
07 42 43.01 ALUMINUM COMPOSITE MATERIAL (ACM) SYSTEM
07 51 00 BUILT-UP BITUMINOUS ROOFING, COLD APPLIED
07 60 00 FLASHING AND SHEET METAL
07 71 00 ROOF SPECIALTIES
07 84 00 FIRESTOPPING
07 92 00 JOINT SEALANTS

DIVISION 08 - OPENINGS

08 11 13 HOLLOW METAL DOORS AND FRAMES
08 11 19.01 STAINLESS STEEL (SS) DOORS AND FRAMES
08 31 13 ACCESS DOORS AND FRAMES
08 34 25.01 CHEMICAL RESISTANT DOORS
08 41 13 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
08 51 13 ALUMINUM WINDOWS
08 51 23 STEEL WINDOWS
08 71 00 DOOR HARDWARE
08 71 13 AUTOMATIC DOOR OPERATORS
08 80 00 GLAZING
08 90 00 LOUVERS AND VENTS

DIVISION 09 - FINISHES

09 06 00 SCHEDULE FOR FINISHES
09 21 27 EXTERIOR STUD WALL SYSTEM
09 22 16 NON-STRUCTURAL METAL FRAMING
09 22 36.01 METAL LATH
09 24 00 PORTLAND CEMENT PLASTERING
09 29 00 GYPSUM BOARD
09 30 13 CERAMIC/PORCELAIN TILING
09 51 00 ACOUSTICAL CEILINGS
09 60 05.01 VAPOR TRANSMISSION TESTING
09 65 13 RESILIENT BASE AND ACCESSORIES
09 65 19 RESILIENT TILE FLOORING
09 67 23.30 RESINOUS (EPOXY RESIN COMPOSITION) MORTAR FLOORING
09 67 23.60 RESINOUS (URETHANE MORTAR) FLOORING
09 67 81.01 CONCRETE FLOOR SEALER (CFS-ND)
09 68 13.01 CARPET TILE (CPT)
09 72 00.01 WALL COVERINGS (HYGIENIC VINYL WALL COVERING)
09 91 00 PAINTING
09 91 13.01 EXTERIOR PAINTING
09 96 59 HIGH-BUILD GLAZED COATINGS

DIVISION 10 - SPECIALTIES

10 21 13 TOILET COMPARTMENTS
10 21 31.01 SHOWER CURTAINS
10 26 00 WALL AND DOOR PROTECTION
10 28 00 TOILET, BATH, AND LAUNDRY ACCESSORIES
10 44 13 FIRE EXTINGUISHER CABINETS
10 51 13.01 METAL LOCKERS
10 71 13.01 EXTERIOR SUN CONTROL DEVICES
10 73 13.01 AWNINGS AND CANOPIES

DIVISION 11 - EQUIPMENT

11 53 43.01 LABORATORY SERVICE FITTINGS AND FIXTURES

DIVISION 13 – SPECIAL CONSTRUCTION

13 05 41 SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS

DIVISION 14 – CONVEYING EQUIPMENT

14 21 00 ELECTRIC TRACTION ELEVATORS

VOLUME 02:

DIVISION 21 – FIRE SUPPRESSION

21 05 11 COMMON WORK RESULTS FOR FIRE SUPPRESSION
21 08 00 COMMISSIONING OF FIRE SUPPRESSION SYSTEMS
21 10 00 WATER-BASED FIRE-SUPPRESSION SYSTEMS

DIVISION 22 - PLUMBING

22 05 11 COMMON WORK RESULTS FOR PLUMBING
22 05 12 GENERAL MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT
22 05 19 METERS AND GAGES FOR PLUMBING PIPING
22 05 23 GENERAL DUTY VALVES FOR PLUMBING PIPING
22 08 00 COMMISSIONING OF PLUMBING SYSTEMS
22 11 00 FACILITY WATER DISTRIBUTION
22 11 23 DOMESTIC WATER PUMPS
22 13 00 FACILITY SANITARY SEWERAGE
22 14 00 FACILITY STORM DRAINAGE
22 35 00 DOMESTIC WATER HEAT EXCHANGERS
22 40 00 PLUMBING FIXTURES
22 63 00 GAS SYSTEMS FOR LABORATORY AND HEALTHCARE FACILITIES
22 67 00 RECIRCULATION TYPE ANIMAL DRINKING WATERING SYSTEM

DIVISION 23 – HEATING, VENTILATING & AIR CONDITIONING (HVAC)

23 05 11 COMMON WORK RESULTS FOR HVAC AND STEAM GENERATION
23 05 12 GENERAL MOTOR REQUIREMENTS FOR HVAC AND STEAM GENERATION EQUIPMENT
23 05 41 NOISE AND VIBRATION CONTROL FOR HVAC PIPING AND EQUIPMENT

23 05 93 TESTING, ADJUSTING, AND BALANCING FOR HVAC
23 07 11 HVAC, PLUMBING, AND BOILER PLANT INSULATION
23 08 00 COMMISSIONING OF HVAC SYSTEMS
23 09 23 DIRECT-DIGITAL CONTROL SYSTEM FOR HVAC
23 21 13 HYDRONIC PIPING
23 21 23 HYDRONIC PUMPS
23 22 13 STEAM AND CONDENSATE HEATING PIPING
23 22 23 STEAM CONDENSATE PUMPS
23 25 00 HVAC WATER TREATMENT
23 31 00 HVAC DUCTS AND CASINGS
23 34 00 HVAC FANS
23 36 00 AIR TERMINAL UNITS
23 37 00 AIR OUTLETS AND INLETS
23 40 00 HVAC AIR CLEANING DEVICES
23 64 00 PACKAGED WATER CHILLERS
23 73 00 INDOOR CENTRAL-STATION AIR-HANDLING UNITS
23 82 00 CONVECTION HEATING AND COOLING UNITS
23 82 16 AIR COILS

DIVISION 26 - ELECTRICAL

26 05 11 REQUIREMENTS FOR ELECTRICAL INSTALLATIONS
26 05 21 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES (600
VOLTS AND BELOW)
26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
26 05 33 RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS
26 05 41 UNDERGROUND ELECTRICAL CONSTRUCTION
26 05 71 ELECTRICAL SYSTEM PROTECTIVE DEVICE STUDY
26 08 00 COMMISSIONING OF ELECTRICAL SYSTEMS
26 09 23 LIGHTING CONTROLS
26 22 00 LOW-VOLTAGE TRANSFORMERS
26 24 11 DISTRIBUTION SWITCHBOARDS
26 24 16 PANELBOARDS
26 24 19 MOTOR-CONTROL CENTERS
26 27 26 WIRING DEVICES
26 29 11 MOTOR STARTERS
26 29 21 DISCONNECT SWITCHES
26 36 23 AUTOMATIC TRANSFER SWITCHES
26 43 13 TRANSIENT-VOLTAGE SURGE SUPPRESSION
26 51 00 INTERIOR LIGHTING
26 56 00 EXTERIOR LIGHTING

DIVISION 27 - COMMUNICATIONS

27 05 11 REQUIREMENTS FOR COMMUNICATIONS INSTALLATIONS
27 05 26 GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS
27 05 33 RACEWAYS AND BOXES FOR COMMUNICATIONS SYSTEMS
27 08 00 COMMISSIONING OF COMMUNICATIONS SYSTEMS
27 10 00 STRUCTURED CABLING
27 11 00 COMMUNICATIONS EQUIPMENT ROOM FITTINGS
27 15 00 COMMUNICATIONS HORIZONTAL CABLING

DIVISION 28 – ELECTRONIC SAFETY & SECURITY

28 05 11	REQUIREMENTS FOR ELECTRONIC SAFETY AND SECURITY INSTALLATIONS
28 05 13	CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY
28 05 26	GROUNDING AND BONDING FOR ELECTRONIC SAFETY AND SECURITY
28 05 33	RACEWAYS AND BOXES FOR ELECTRONIC SAFETY AND SECURITY
28 08 00	COMMISSIONING OF ELECTRONIC SAFETY AND SECURITY SYSTEMS
28 13 11	PHYSICAL ACCESS CONTROL SYSTEM (PACS)
28 13 16	ACCESS CONTROL SYSTEM AND DATABASE MANAGEMENT
28 13 53	SECURITY ACCESS DETECTION
28 16 11	INTRUSION DETECTION SYSTEM
28 23 00	VIDEO SURVEILLANCE
28 26 00	ELECTRONIC PERSONAL PROTECTION SYSTEM (EPPS)
28 31 00	FIRE DETECTION AND ALARM

DIVISION 31 - EARTHWORK

31 08 00	COMMISSIONING OF SITE UTILITY SYSTEMS
31 20 00	EARTH MOVING
31 23 19	DEWATERING
31 23 23.33	FLOWABLE FILL

DIVISION 32 – EXTERIOR IMPROVEMENTS

32 05 03	CEMENT AND CONCRETE FOR EXTERIOR IMPROVEMENTS
32 12 16	ASPHALT PAVING
32 84 00	PLANTING IRRIGATION
32 90 00	PLANTING

DIVISION 33 - UTILITIES

33 10 00	WATER UTILITIES
33 30 00	SANITARY SEWERAGE UTILITIES
33 40 00	STORM DRAINAGE UTILITIES
33 46 13	FOUNDATION DRAINAGE
33 63 00	STEAM ENERGY DISTRIBUTION