

DOCUMENT 00 01 10

TABLE OF CONTENTS

Number	Document
	Introductory Information
00 01 01	Title Page
00 01 10	Table of Contents
00 31 32	Geotechnical Data
DIVISION 1 - GENERAL REQUIREMENTS	
01 11 00	Summary of Work
01 25 13	Product Substitution Procedures
01 31 13	Coordination
01 31 19	Project Meetings
01 32 16	Progress Schedules
01 33 00	Submittal Procedures
01 42 18	Reference Standards for Infrastructure Improvements
01 42 19	Reference Standards for Building Construction
01 45 10	Quality Control for Building Construction
01 51 36	Temporary Water
01 52 13	Field Office
01 52 19	Temporary Sanitary Facilities
01 55 10	Access Roads and Parking Areas
01 55 25	Maintenance of Traffic
01 57 00	Temporary Controls
01 57 12	Erosion Control
01 57 19	Air, Land, and Water Pollution
01 60 00	Product Requirements
01 71 23	Field Engineering
01 75 00	Starting and Adjusting
01 77 00	Closeout Procedures
01 78 23	Operation and Maintenance Data
01 78 37	Product Warranties
DIVISION 2 - EXISTING CONDITIONS	
02 41 33	Removing Pavement and Miscellaneous Structures
02 66 11	Clay Liner Construction
DIVISION 3 - CONCRETE	
03 11 00	Concrete Forming
03 20 00	Concrete Reinforcing
03 30 00	Cast-in-Place Concrete
03 41 00	Plant-Precast Structural Concrete
DIVISION 4 - MASONRY	
04 20 00	Unit Masonry Assemblies
04 23 00	Glass Unit Masonry

DIVISION 5 - METALS

05 12 00	Structural Steel Framing
05 21 00	Steel Joist Framing
05 31 00	Steel Decking
05 40 00	Cold Form Framing
05 50 00	Metal Fabrications
05 52 00	Aluminum Handrails and Railings

DIVISION 6 - WOOD, PLASTICS, AND COMPOSITES

06 10 00	Rough Carpentry
----------	-----------------

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

07 21 00	Thermal Insulation
07 27 26	Fluid-Applied Membrane Air Barriers
07 43 13	Metal Wall Panels
07 42 16	Metal Soffit Panels
07 53 00	Elastomeric Membrane Roofing
07 65 00	Flexible Flashing
07 71 00	Roof Specialties
07 72 00	Roof Accessories
07 84 13	Penetration Fire stopping
07 84 43	Joint Firestopping
07 92 00	Joint Sealants

DIVISION 8 - OPENINGS

08 11 13	Standard Hollow Metal Doors and Frames (Commercial)
08 16 13	Fiberglass Doors and Frames
08 33 23	Overhead Coiling Doors
08 71 00	Door Hardware
08 80 00	Glazing
08 91 19	Fixed Louvers

DIVISION 9 - FINISHES

09 97 20	Coating Systems for Industrial Facilities
----------	-------------------------------------------

DIVISION 10 - SPECIALTIES

10 00 10	Miscellaneous Specialties
10 14 00	Signage
10 28 13	Toilet Accessories

DIVISION 11 - EQUIPMENT

11 53 13	Laboratory Fume Hoods
----------	-----------------------

DIVISION 12 – FURNISHINGS

12 35 53	Laboratory Casework
----------	---------------------

DIVISION 21 – FIRE SUPPRESSION

21 01 20	Fire Suppression System General Provisions
21 01 60	Fire Sprinkler System Piping Procedures
21 01 70	Fire Sprinkler System Submittals
21 05 40	Supports and Anchors – Fire Sprinkler System
21 06 00	Schedules For Fire Sprinkler System
21 10 05	Fire Sprinkler System Piping
21 10 06	Fire Sprinkler Wet System

DIVISION 22 - PLUMBING

22 01 20	Plumbing General Provisions
22 01 55	Plumbing Site Conditions
22 01 60	Plumbing Piping Procedures
22 01 70	Plumbing Submittals
22 05 00	Common Work Results For Plumbing
22 05 13	Common Motor Requirements for Plumbing Equipment
22 05 14	Common Electrical Requirements for Plumbing Equipment
22 05 19	Thermometers and Gauges for Plumbing Piping
22 05 40	Supports and Anchors – Plumbing
22 05 53	Identification for Plumbing Piping and Equipment
22 06 00	Schedules For Plumbing
22 07 00	Plumbing Insulation
22 07 16	Plumbing Equipment Insulation
22 07 19	Plumbing Piping Insulation
22 10 05	Plumbing Piping
22 10 06	Plumbing Specialties
22 15 00	Compressed Air Systems
22 30 00	Plumbing Equipment
22 36 00	Commercial Grade Plumbing Equipment
22 40 00	Plumbing Fixtures
22 42 00	Commercial Plumbing Fixtures

DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)

23 01 20	HVAC General Provisions
23 01 55	HVAC Site Conditions
23 01 60	HVAC Piping Procedures
23 01 70	HVAC Submittals
23 05 00	Common Work Results For HVAC
23 05 13	Common Motor Requirements for HVAC Equipment
23 05 14	Common Electrical Requirements for HVAC Equipment
23 05 40	Supports and Anchors – HVAC Equipment
23 05 53	Identification for HVAC Piping and Equipment
23 05 90	Basic Results for Testing, Adjusting and Balancing
23 05 93	Testing, Adjusting, and Balancing for HVAC
23 06 00	Schedules for HVAC
23 07 00	HVAC Insulation
23 07 13	Ductwork Insulation
23 07 19	HVAC Piping Insulation
23 20 00	HVAC Piping and Pumps
23 21 13	Hydronic Piping
23 21 14	Hydronic Specialties
23 30 00	HVAC Air Distribution
23 31 00	HVAC Ducts and Casings
23 33 00	Air Duct Accessories
23 34 16	Centrifugal HVAC Fans
23 34 23	HVAC Power Ventilators

23 36 00	Air Terminal Units
23 37 00	Air Outlet and Inlets
23 50 00	Central Heating Equipment
23 51 00	Stacks And Vents
23 55 00	Fuel-Fired Unit Heaters
23 70 00	Central HVAC Equipment
23 74 00	Packaged Air Handling Units
23 74 33	Packaged Heating Make-Up Air Units
23 80 00	Decentralized HVAC Equipment
23 82 10	Dehumidifiers
23 82 16	Air Coils
23 82 39	Electric Unit Heaters
23 90 00	HVAC Controls & Instrumentation
23 98 00	HVAC Instrumentation
23 98 50	HVAC Sequence Of Operations

DIVISION 26 - ELECTRICAL

26 05 00	Common Work Results for Electrical
26 05 01	Submittal Review
26 05 03	Short Circuit Coordination Study Arc Flash Hazard Analysis
26 05 04	Cleaning, Inspection and Testing Electrical Equipment
26 05 05	Electrical Equipment Startup
26 05 06	Basic Electrical Material and Methods
26 05 19	Low-Voltage Electrical Power Conductors and Cables
26 05 23.01	Special Systems Cable
26 05 26	Grounding and Bonding for Electrical Systems
26 05 29	Hangers and Supports for Electrical Systems
26 05 33.01	Conduit and Raceways
26 05 33.02	Boxes and Handholes
26 05 53	Identification for Electrical Systems
26 09 01	Process Instrumentation Control
26 09 24	Motor and Lighting Controllers
26 16 01	Instrumentation Equipment
26 22 01	Low Voltage Transformers, General Purpose, Dry and Non-Linear
26 24 16	Panelboards
26 24 19	Motor Control Centers
26 27 01	Service Entrance
26 27 16	Electrical Cabinets and Enclosures
26 27 26	Wiring Devices
26 28 13	Fuses
26 28 16.01	Enclosed Switches
26 28 16.02	Enclosed Circuit Breakers
26 29 24	Variable Frequency Drives (VFD)
26 31 00	Fire Detection and Alarm
26 32 12.12	Packaged Diesel Engine Generator System for Exterior Installation
26 36 23	Automatic Transfer Switches
26 41 13.13	Lightning Protection for Building and Water Storage Tanks
26 43 13	Surge Suppression for Low-Voltage Electrical Power Circuits
26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts
26 56 00	Exterior Lighting Fixtures

DIVISION 31 - EARTHWORK

31 11 00	Clearing and Grubbing
31 13 15	Site Preparation
31 22 20	Earthwork for Building Sites
31 23 16	Structure Excavations and Backfills
31 23 30	Excavation, Backfilling and Compacting

31 23 50	Preparing the Foundation
31 25 10	Temporary Erosion Control
31 25 20	Silt Fence
31 34 15	Geotextile Fabrics
31 37 00	Riprap

DIVISION 32 - EXTERIOR IMPROVEMENTS

32 11 14	Test Rolling
32 11 17	Granular Subbase Course
32 11 26	Crushed Aggregate Base Course
32 12 28	Asphaltic Surfacing
32 12 50	Saw Cutting Pavement
32 16 30	Concrete Curb and Gutter
32 17 23	Pavement Marking
32 18 40	Concrete Sidewalks, Safety Islands and Steps
32 31 13	Chain Link Fences
32 31 33	Metal Security Fencing
32 31 43	Electrically Operated Steel Gate
32 91 00	Topsoil Placement
32 92 00	Lawns and Grasses
32 92 12	Turf Establishment
32 93 00	Exterior Plants

DIVISION 33 - UTILITIES

33 01 30	Television Inspection of Sewers
33 11 00	Water Distribution Systems
33 16 30	Disinfection of Water Storage Facilities
33 28 10	Vertical Turbine Well Pump and Motor
33 31 00	Sanitary Sewer Systems
33 41 00	Storm Sewer Systems
33 41 10	Roof Drain Catch Basins

DIVISION 40 - PROCESS INTEGRATION

40 23 00	Process Piping General Provisions
40 23 04	Process Piping Valves and Operators
40 23 10	Process Water and Waste Piping
40 23 30	Process Piping Specialties
40 23 35	Piping and Equipment Identification
40 23 40	Process Piping Hangers and Supports
40 23 50	Process Piping Testing, Adjusting, and Disinfection
40 92 13	Process Regulating Valves
40 92 40	Process Valve Actuators
40 95 26	Process Instrumentation Piping

DIVISION 41 — MATERIAL PROCESSING AND HANDLING EQUIPMENT

41 22 14	Hoists and Cranes
----------	-------------------

DIVISION 43 - PROCESS GAS AND LIQUID HANDLING, PURIFICATION, AND STORAGE EQUIPMENT

43 21 13	High Service (Horizontal Split Case Centrifugal Pumps)
43 21 15	Backwash Reclaim (Horizontal End Suction Centrifugal Pumps)
43 22 52	Magnetic Flowmeters

DIVISION 44 - POLLUTION CONTROL EQUIPMENT

Water Treatment Chemical Systems Equipment

44 44 15

Gas Chlorination System

44 44 39

Fluoride Feed Equipment

44 44 73

Pressure Filter System