

Appendix III Uniformat to Master Spec

A10	Foundations	03 05 00	Common Work Results for Concrete
		03 10 00	Concrete Formwork and Accessories
		03 20 00	Concrete Reinforcing
		03 30 00	Cast-In-Place Concrete
		03 40 00	Precast Concrete
		03 70 00	Mass Concrete
		07 10 00	Dampproofing and Waterproofing
		07 20 00	Thermal Protection
		07 25 00	Weather Barriers
		31 40 00	Shoring and Underpinning
		31 60 00	Special Foundations and Load Bearing Elements
A20	Basement Construction	03 05 00	Common Work Results for Concrete
		03 10 00	Concrete Formwork and Accessories
		03 20 00	Concrete Reinforcing
		03 30 00	Cast-In-Place Concrete
		04 05 00	Common Work Results for Masonry
		04 20 00	Unit Masonry
		07 10 00	Dampproofing and Waterproofing
		07 20 00	Thermal Protection
B10	Superstructure	03 05 00	Common Work Results for Concrete
		03 10 00	Concrete Forming and Accessories
		03 20 00	Concrete Reinforcing
		03 30 00	Cast-In-Place Concrete
		03 40 00	Precast Concrete
		03 50 00	Cast Decks and Underlayment
		03 60 00	Grouting
		03 70 00	Mass Concrete
		05 10 00	Structural Metal Framing
		04 05 00	Common Work Results for Masonry
		04 20 00	Unit Masonry
		05 20 00	Metal Joists
		05 30 00	Metal Decking
		05 40 00	Cold-Formed Metal Framing
		05 50 00	Metal Fabrications
		07 95 00	Expansion Control
B20	Exterior Enclosure	03 40 00	Precast Concrete
		04 05 00	Common Work Results for Masonry
		04 20 00	Unit Masonry
		04 40 00	Stone Assemblies
		04 50 00	Refractory Masonry
		04 60 00	Corrosion-Resistant Masonry
		04 70 00	Manufactured Masonry
		04 01 00	Maintenance of Masonry
		07 05 00	Common Work Results for Thermal and Moisture Protection
		07 10 00	Dampproofing and Waterproofing
		07 20 00	Thermal Protection
		07 60 00	Flashing and Sheet Metal
		07 70 00	Roof and Wall Specialties and Accessories
		07 90 00	Joint Protection
		08 05 00	Common Work Results for Openings
		08 10 00	Doors and Frames
		08 30 00	Specialty Doors and Frames
		08 40 00	Entrances, Storefronts, and Curtain Walls
		08 50 00	Windows
		08 60 00	Roof Windows and Skylights
		08 70 00	Hardware

		08 71 00	Door Hardware*
		08 80 00	Glazing
		08 90 00	Louvers
		09 20 00	Plaster and Gypsum Board
		09 30 00	Tiling
		09 90 00	Painting and Coating
		10 70 00	Exterior Specialties
		10 80 00	Other Specialties
B30	Roofing	07 20 00	Thermal Protection
		07 30 00	Steep Slope Roofing
		07 40 00	Roofing and Siding Panels
		07 50 00	Membrane Roofing
		07 60 00	Flashing and Sheet Metal
		07 70 00	Roof and Wall Specialties and Accessories
		07 90 00	Joint Protection
		32 90 00	Planting
C10	Interior Construction	06 05 00	Common Work Results for Wood, Plastics, and Composites
		06 10 00	Rough Carpentry
		06 20 00	Finish Carpentry
		06 40 00	Architectural Woodwork
		07 80 00	Fire and Smoke Protection
		08 05 00	Common Work Results for Openings
		08 10 00	Doors and Frames
		08 30 00	Specialty Doors and Frames
		08 40 00	Entrances, Storefronts, and Curtain Walls
		08 50 00	Windows
		08 70 00	Hardware
		08 71 00	Door Hardware*
		09 22 00	Supports for Plaster and Gypsum Board
		09 20 00	Plaster and Gypsum Board
		10 10 00	Information Specialties
		10 20 00	Interior Specialties
		10 40 00	Safety Specialties
		10 50 00	Storage Specialties
C20	Stairs	03 41 23	Precast Concrete Stairs
		05 50 00	Metal Fabrications
C30	Interior Finishes	09 05 00	Common Work Results for Finishes
		09 22 00	Supports for Plaster and Gypsum Board
		09 20 00	Plaster and Gypsum Board
		09 30 00	Tiling
		09 50 00	Ceilings
		09 60 00	Flooring
		09 70 00	Wall Finishes
		09 80 00	Acoustic Treatment
		09 90 00	Painting and Coating
D10	Conveying Systems	14 10 00	Dumbwaiters
		14 20 00	Elevators
		14 30 00	Escalators and Moving Walks
		14 40 00	Lifts
		14 70 00	Turntables
		14 80 00	Scaffolding
		14 91 00	Facility Chutes
		34 00 00	Transportation

		41 22 00	Cranes and Hoists
D20	Plumbing	22 01 00	Operation and Maintenance of Plumbing
		22 05 00	Common Work Results for Plumbing
		22 06 00	Schedules for Plumbing
		22 07 00	Plumbing Insulation
		22 08 00	Commissioning of Plumbing
		22 09 00	Instrumentation and Control for Plumbing
		22 10 00	Plumbing Piping and Pumps
		22 30 00	Plumbing Equipment
		22 40 00	Plumbing Fixtures
		22 50 00	Pool and Fountain Plumbing Systems
		22 60 00	Gas and Vacuum Systems for Laboratory and Healthcare
D30	HVAC	23 01 00	Operation and Maintenance of HVAC Systems
		23 05 00	Common Work Results for HVAC
		23 06 00	Schedules for HVAC
		23 07 00	HVAC Insulation
		23 08 00	Commissioning of HVAC
		23 09 00	Instrumentation and Control for HVAC
		23 10 00	Facility Fuel Systems
		23 20 00	HVAC Piping and Pumps
		23 30 00	HVAC Air Distribution
		23 40 00	HVAC Air Cleaning Devices
		23 50 00	Central Heating Equipment
		23 60 00	Central Cooling Equipment
		23 70 00	Central HVAC Equipment
		23 80 00	Decentralized HVAC Equipment
D40	Fire Protection	21 01 00	Operation and Maintenance of Fire Suppression
		21 05 00	Common Work Results for Fire Suppression
		21 06 00	Schedules for Fire Suppression
		21 07 00	Fire Suppression Systems Insulation
		21 08 00	Commissioning of Fire Suppression
		21 09 00	Instrumentation and Control for Fire-Suppression Systems
		21 10 00	Water-Based Fire-Suppression Systems
		21 20 00	Fire-Extinguishing Systems
		21 30 00	Fire Pumps
		21 40 00	Fire-Suppression Water Storage
		28 31 00	Fire Detection and Alarm
D50	Electrical	26 01 00	Operation and Maintenance of Electrical Systems
		26 05 00	Common Work Results for Electrical
		26 06 00	Schedules for Electrical
		26 08 00	Commissioning of Electrical Systems
		26 09 00	Instrumentation and Control for Electrical Systems
		26 10 00	Medium-Voltage Electrical Distribution
		26 20 00	Low-Voltage Electrical Transmission
		26 27 00	Low-Voltage Distribution Equipment
		26 80 00	Low-Voltage Circuit Protective Devices
		26 29 00	Low-Voltage Controllers
		26 31 00	Photovoltaic Collectors
		26 32 00	Packaged Generator Assemblies
		26 33 00	Battery Equipment
		26 35 00	Power Filters and Conditioners
		26 36 00	Transfer Switches
		26 41 00	Facility Lightning Protection
		26 42 00	Cathodic Protection
		26 43 00	Transient Voltage Suppression

		26 51 00	Interior Lighting
		26 52 00	Emergency Lighting
		26 53 00	Exit Signs
		26 54 00	Classified Location Lighting
		26 55 00	Special Purpose Lighting
E10	Equipment	11 01 00	Operation and Maintenance of Equipment
		11 05 00	Common Work Results for Equipment
		11 06 00	Schedules for Equipment
		11 08 00	Commissioning of Equipment
		11 11 00	Vehicle Service Equipment
		11 12 00	Parking Control Equipment
		11 13 00	Loading Dock Equipment
		11 14 00	Pedestrian Control Equipment
		11 16 00	Vault Equipment
		11 17 00	Teller and Service Equipment
		11 18 00	Security Equipment
		11 21 00	Mercantile and Service Equipment
		11 22 00	Refrigerated Display Equipment
		11 23 00	Commercial Laundry and Dry Cleaning Equipment
		11 24 00	Maintenance Equipment
		11 25 00	Hospitality Equipment
		11 26 00	Unit Kitchens
		11 27 00	Photographic Processing Equipment
		11 28 00	Office Equipment
		11 29 00	Postal, Packaging, and Shipping Equipment
		11 31 00	Residential Appliances
		11 41 00	Food Storage Equipment
		11 42 00	Food Preparation Equipment
		11 43 00	Food Delivery Carts and Conveyors
		11 44 00	Food Cooking Equipment
		11 46 00	Food Dispensing Equipment
		11 47 00	Ice Machines
		11 48 00	Cleaning and Disposal Equipment
		11 51 00	Library Equipment
		11 52 00	Audio-Visual Equipment
		11 53 00	Laboratory Equipment
		11 53 13	Laboratory Fume Hoods*
		11 55 00	Planetarium Equipment
		11 56 00	Observatory Equipment
		11 57 00	Vocational Shop Equipment
		11 59 00	Exhibit Equipment
		11 61 00	Theater and Stage Equipment
		11 62 00	Musical Equipment
		11 65 00	Athletic Equipment
		11 67 00	Recreational Equipment
		11 68 00	Play field Equipment and Structures
		11 82 00	Solid Waste Handling Equipment
		35 20 16	Hydraulic Gates
		35 20 19	Hydraulic Valves
		44 40 00	Water Pollution Control Equipment
E20	Furnishings	12 01 00	Operation and Maintenance of Furnishings
		12 05 00	Common work Results for Furnishings
		12 06 00	Schedules for Furnishings
		12 08 00	Commissioning of Furnishings
		12 10 00	Art
		12 21 00	Window Blinds
		12 22 00	Curtains and Drapes

		12 23 00	Interior Shutters
		12 24 00	Window Shades
		12 25 00	Window Treatment Operating Hardware
		12 31 00	Manufactured Metal Casework
		12 32 00	Manufactured Wood Casework
		12 34 00	Manufactured Plastic Casework
		12 35 00	Specialty Casework
		12 35 53	Laboratory Casework (Wood Laboratory Casework and
		12 36 00	Countertops
		12 40 00	Furnishings and Accessories
		12 50 00	Furniture
		12 60 00	Multiple Seating
		12 59 00	Systems Furniture
		12 92 00	Interior Planters and Artificial Plants
F10	Special Construction	08 10 00	Doors and Frames
		08 70 00	Hardware
		09 20 00	Plaster and Gypsum Board
		09 22 00	Supports for Plaster and Gypsum Board
		09 50 00	Ceilings
		09 60 00	Flooring
		09 70 00	Wall Finishes
		09 90 00	Painting and Coating
		10 20 00	Interior Specialties
		13 11 00	Swimming Pools
		13 17 00	Tubs and Pools
		13 19 00	Kennels and Animal Shelters
		13 20 00	Special Purpose Rooms
		13 34 00	Fabricated Engineered Structures
		13 50 00	Special Instrumentation
		25 00 00	Integrated Automation
		25 10 00	Integrated Automation Network Equipment
		25 30 00	Integrated Automation Instrumentation and Terminal Devices
		25 50 00	Integrated Automation Facility Controls
		25 90 00	Integrated Automation Control Sequences
		28 13 00	Access Control (or 28 23 00 Video Surveillance)
		33 56 00	Fuel Storage Tanks
		34 40 00	Transportation Signaling and Control Equipment
		40 90 00	Instrumentation and Control for Process Equipment
		44 42 00	General Water Treatment
		44 43 00	Water Filtration Equipment
		44 44 00	Water Treatment Chemical Systems Equipment
		44 46 00	Sludge Treatment and Handling Equipment for Water
		44 51 00	Solid Waste Collection, Transfer, and Hauling Equipment
		48 14 00	Solar Energy Electrical Power Generation Equipment
		48 15 00	Wind Electrical Power Generation Equipment
F20	Selective Building Demolition	02 40 00	Demolition and Structure Moving
		02 80 00	Facility Remediation
G10	Site Preparation	02 40 00	Demolition and Structure Moving
		02 50 00	Site Remediation
		02 60 00	Contaminated Site Material Removal
		02 70 00	Water Remediation
		02 80 00	Facility Remediation
		31 00 00	Earthwork
		31 10 00	Site Clearing
		31 20 00	Earth Moving
		31 30 00	Earthwork Methods

		31 40 00	Shoring and Underpinning
		31 50 00	Excavation Support and Protection
		31 70 00	Tunneling and Mining
G20	Site Improvements	10 14 00	Signage
		10 73 00	Protective Covers
		10 74 00	Manufactured Exterior Specialties
		10 75 00	Flagpoles
		12 93 00	Site Furnishings
		13 12 00	Fountains
		32 00 00	Exterior Improvements
		32 10 00	Bases, Ballast, and Paving
		32 12 00	Flexible Paving
		32 13 00	Rigid Paving
		32 14 00	Unit Paving
		32 15 00	Aggregate Surfacing
		32 16 00	Curbs and Gutters
		32 17 00	Paving Specialties
		32 18 00	Athletic and Recreational Surfacing
		32 31 00	Fences and Gates
		32 32 00	Retaining Walls
		32 34 00	Fabricated Bridges
		32 70 00	Wetlands
		32 80 00	Irrigation
		32 90 00	Planting
G30	Site Civil/Mechanical Utilities	33 00 00	Utilities
		33 10 00	Water Utilities
		33 20 00	Wells
		33 30 00	Sanitary Sewerage Utilities
		33 40 00	Storm Drainage Utilities
		33 50 00	Fuel Distribution Utilities
		33 60 00	Hydronic and Steam Energy Utilities
G40	Site Electrical Utilities	26 56 00	Exterior Lighting
		33 00 00	Utilities
		31 70 00	Tunneling and Mining
		33 70 00	Electrical Utilities
		33 80 00	Communications Utilities
Z10	General Project Requirements	00 60 00	Forms
		01 30 00	Administrative Requirements
		01 40 00	Quality Requirements
		01 50 00	Temporary Facilities and Controls
		01 60 00	Product Requirements
		01 70 00	Execution and Closeout Requirements
		01 74 19	Construction Waste Management and Disposal*
		01 81 13	Sustainable Design Requirements*
		01 81 19	Indoor Air Quality (IAQ) Requirements*
			* Caltech Master Specification

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