

Asset Data Dictionary

Los Angeles International Airport

Prepared by
FMUG Asset Management Division
August 2018





This page is intentionally left blank.



Section Contents

1	Version History	1
2	Document Purpose	1
3	Common Asset Information and Attributes.....	2
4	Data Dictionary Definitions	19
5	Facility Building.....	20
6	Asset Specification	21
	B2020 Exterior Windows.....	21
	B2050 Exterior Doors and Grilles	21
	B3010 Roofing	22
	C1010 Interior Partitions	24
	C1020 Interior Windows.....	25
	C1030 Interior doors	25
	C1040 Interior Grilles and Gates	27
	D101010 Elevators	28
	D101020 Lifts	29
	D101030 Escalators.....	30
	D101050 Dumbwaiters	31
	D105060 Moving Ramps	32
	D103010 Moving Walkway	33
	D103030 Turntables	34
	D103050 Passenger Loading Bridges	35
	D103070 People Movers	35
	D1050 Material Handling	36
	D20102001 Domestic Water Pumps	36
	D20102002 Domestic Water Softeners	37
	D20102002 Domestic Water Filtration.....	38
	D201020 Domestic Water Equipment	38
	D201060 Plumbing Fixtures	38
	D2010603 Emergency plumbing fixtures.....	39
	D201090 Domestic Water Distribution Supplementary	39
	D202010 Sanitary Sewerage Equipment.....	40
	D202030 Sanitary Sewerage Piping.....	41
	D202090 Sanitary Drainage Supplementary Components.....	42
	D203010 Stormwater Drainage Equipment.....	42
	D203060 Gray Water Systems	43
	D203090 Building Support Plumbing System Supplementary Components.....	44
	D206010 Compressed-Air Systems	45
	D206020 Vacuum Systems	45
	D206050 Processed Water Systems.....	46
	D301030 Fuel Pumps	46
	D302010 Heat Generation	47
	D30201006 boiler feedwater pump.....	48
	D302070 Decentralized Heating Equipment.....	49
	D302090 Heating System Supplementary Components	51
	D30209013 Hot water distribution system pumps	51
	D303010 Central Cooling.....	52
	D30301005 Cooling Towers	53
	D303050 Thermal Cooling Storage	53

D303070 Decentralized Cooling	53
D303090 Cooling System Supplementary Components	54
D303090 Cooling System Supplementary Components	54
D305010 Facility Hydronic Distribution	55
D305030 Facility Steam Distribution	56
D305050 HVAC Air Distribution	58
D305090 Facility Distribution Systems Supplementary Components	59
D3060 Ventilation	59
D401010 Water-Based Fire-Suppression	60
D401050 Fire-Extinguishing	61
D401090 Fire Suppression Supplementary Components	61
D4030 Fire Protection Specialties	61
D501010 Packaged Generator Assemblies	61
D501020 Battery Equipment	62
D501060 Power Filtering and Conditioning	63
D501070 Transfer Switches	63
D501090 Facility Power Generation Supplementary	64
D502010 Electrical Service	64
D502030 power distribution	65
D502090 Electrical Service and Distribution Supplementary Components	66
D5040 Lighting	66
D7050 Detection and Alarm	67
D7070 Electronic Monitoring and Control	68
D8010 Integrated Automation Facility Controls	68
E101050 Loading Dock Equipment	68
E101070 Interior Pedestrian Control Equipment	69
E103040 Maintenance Equipment	69
E103080 Foodservice Equipment	69
E103080 Solid Waste Handling Equipment	70
F105020 Interior Fountains	70
G202080 Exterior Parking Control Equipment	71
G203080 Exterior Pedestrian Control Equipment	71
G204010 Aviation Pavement	71
G204040 Aviation Pavement Appurtenances	71
G204080 Airfield Signaling and Control Equipment	72
G206020 Fences and Gates	72
G301010 Site Domestic Water Distribution	73
G3010130 Site Fire Protection Water Distribution	73
G3010150 Site Irrigation Water Distribution	73
G3020 Sanitary Sewerage Utilities	74
G3060 Site Fuel Distribution	74
G3090 Liquid and Gas Site Utilities Supplementary Components	74
G4010 Site Electric Distribution Systems	75
Appendix A: ASTM UNIFORMAT 2010 Classification of Building Elements (LAWA Standard)	76

1 VERSION HISTORY

Data Dictionary Release	Description	Author	Date
1	Initial Release	FMG	August 31, 2012
2	Updated Asset Code and Asset Name to align with cBIM LAWA Uniformat Standards	FMUG AMD	August 10, 2018

2 DOCUMENT PURPOSE

- The FMUG Asset Management Division owns and maintains this document, which provides guidelines for populating information in the Facility Management System (Maximo).
- In addition, the document specifies the asset information contractors and capital programs are responsible to provide to LAWA to populate Maximo.

3 COMMON ASSET INFORMATION AND ATTRIBUTES

The following information is common across all asset classifications in Maximo and populated by LAWA. The following required attribute data fields will be provided electronically (i.e. flat file, Excel form, etc.) to LAWA by Project Manager, contractor, etc. **In addition to the attributes below, the Project Manager or contractor will also provide the required fields highlighted in the Asset (system/component) specifications tables in Section 6.**

1. Asset ID (Maximo generated number – provided by LAWA AMD)
2. Asset Description based on LAWA Uniformat asset description (Refer Appendix A)
3. Asset Name/Legacy ID
4. Asset Location Name (Room, Floor, Terminal as defined by AEGIS also called FM name)
5. Manufacturer
6. Model Number
7. Serial Number
8. Installation Date
9. Replacement Cost
10. Facility Address
11. Warranty Start and End DateClassification based on LAWA Uniformat Codes (Refer Appendix A)
12. Manufacturer Suggested Design Life
13. Access Notes for Special Conditions
14. Tenant Maintained Vs. LAWA Maintained



ASSET DATA DICTIONARY

The LAWA Facilities Management System employs a structure of facilities and assets defined below and in Table 1.

Hierarchical Level: Facility

Facility Group: Defined in Table 1
Code: Defined in Table 1
Description: Facility identifiers represent a single constructed item versus a complex assembly of structures.

Hierarchical Level: Asset

System/Sub-System Association: Varies depending upon the system or sub-system to which the component belongs.
Code: Follows naming procedure and code indicated in this document.
Description: Component identifiers represent a single device or piece of equipment in a system or sub-system.

Table 1: FM Types for Buildings

FM Type Code	FM Type Description
CRG	Cargo
HGR	Hangar
CUP	Central Utility Plant
MNT	Maintenance
WHS	Warehouse
SAF	Safety (Fire, Emergency Management)
SEC	Security (Airport Police, TSA, DHS)
OFF	Office
PKS	Parking Structure
SVC	Service
TER	Terminal

Table 2: Airfield Feature Type

FM Type Code	FM Type Description
APR	Apron
DCP	Dust Cap
IFL	Infield
RWY	Runway
SHR	Shoulder – Runway
SHT	Shoulder – Taxiway
STW	Blast Pad / Stop Way
TLN	Taxilane
TWY	Taxiway
VSR	Service Road
VSS	Service Road – Restricted
VSX	Service Road – Taxiway Crossing

Table 3: Asset Description and Asset Code

Uniformat Code	Asset Description	Asset Code
B20203001	Storefronts	ESF
B20501001	Sliding Glass Doors	SGD
B20501002	All-Glass Entrances	EAG
B20501003	Automatic Entrances	EAU
B20501004	Revolving Door Entrances	ERD
B20501005	Balanced Door Entrances	EBD
B20501006	Sliding Storefronts	ESS
B20503001	Exterior Coiling Doors	ECD
B20503002	Exterior Panel Doors	EPD
B20503003	Exterior Sectional Doors	ESD
B20503004	Exterior Single-Panel Doors	SPD
B20503005	Exterior Multi-Leaf Vertical Lift Doors	VLD
B20503006	Exterior Telescoping Vertical Lift Doors	TVL
B20503007	Hangar Doors	HGD
B20504001	Exterior Cold Storage Doors	CSD
B20504002	Exterior Industrial Doors	EID
B20504003	Exterior Radio-Frequency-Interference Shielding Doors	RID
B20504004	Exterior Radiation Shielding Doors	RSD
B20504005	Radiation-Resistant Glazing	RRD
B20504006	Exterior Security Doors	SCD
B20504007	Security Glazing	SGL
B20504008	Ballistics-Resistant Glazing	BRG
B20504009	Exterior Detention Doors	EDD
B20504010	Exterior Sound Control Doors	SOC
B20504011	Exterior Traffic Doors	ETF
B20504012	Exterior Pressure-Resistant Doors	EPR
B20506001	Exterior Coiling Grilles	ECG

Uniformat Code	Asset Description	Asset Code
B20506002	Exterior Folding Grilles	EFG
B20507001	Exterior Security Gates	ESG
B30101015	Roofing Shingles and Shakes	RSS
B30101016	Roof Tiles	RFT
B30101017	Roof Panels	RFP
B30101018	Sheet Metal Roofing	SMR
B30105013	Low-Slope Roofing Membrane	LSR
B30105014	Protected Membrane Roofing	PMR
B30105015	Low-Slope Roofing Cover	LSC
B30105016	Roofing Ballast	RFB
B30105017	Roofing Gravel	RFG
B30105018	Roofing Pavers	RPV
B30105019	Roofing Coatings	RFC
B30105020	Vegetated Low-Slope Roofing	VLS
C10102001	Storefronts	ISF
C10105008	Accordion Folding Partitions	ACP
C10105009	Coiling Partitions	CPT
C10105010	Folding Panel Partitions	FPP
C10105011	Sliding Partitions	SPT
C10107002	Grilles and Screens	GSC
C10205001	Interior Observation Windows	IOW
C10205002	Interior Pass Windows	IPW
C10205003	Interior Radio-Frequency-Interference Shielding Windows	IRW
C10205004	Interior Radiation Shielding Windows	IRS
C10205005	Radiation-Resistant Glazing	RRG
C10205006	Interior Security Windows	ISW
C10205007	Security Glazing	SCG
C10205008	Ballistics-Resistant Glazing	BLR
C10205009	Interior Detention Windows	IDW

Uniformat Code	Asset Description	Asset Code
C10205010	Interior Sound Control Windows	ICW
C10302001	All-Glass Entrances	AGE
C10302002	Automatic Entrances	IAU
C10302003	Revolving Door Entrances	IAG
C10302004	Balanced Door Entrances	IBD
C10302005	Sliding Storefronts	ISS
C10302501	Sliding Glass Doors	ISG
C10304001	Coiling Counter Doors	ICC
C10305001	Interior Sectional Doors	ISC
C10305002	Interior Single-Panel Doors	ISP
C10305003	Interior Multi-Leaf Vertical Lift Doors	IML
C10305004	Interior Telescoping Vertical Lift Doors	ITL
C10307001	Interior Cold Storage Doors	ICS
C10307002	Interior Industrial Doors	IID
C10307003	Interior Lightproof Doors	ILP
C10307004	Interior Darkroom Doors	IDR
C10307005	Interior Radio-Frequency-Interference Shielding Doors	IRF
C10307006	Interior Radiation Shielding Doors	IRD
C10307007	Radiation-Resistant Glazing	IRG
C10307008	Interior Security Doors	ISD
C10307009	Security Revolving Door Entrances	ISR
C10307010	Security Glazing	IGL
C10307011	Ballistics-Resistant Glazing	IBG
C10307012	Interior Vault Doors	IVD
C10307013	Interior Detention Doors	IDD
C10307014	Interior Sound Control Doors	ISO
C10307015	Interior Traffic Doors	ITF
C10307016	Interior Pressure-Resistant Doors	IPR

Uniformat Code	Asset Description	Asset Code
C10401001	Interior Sliding Metal Grilles	ISM
C10401002	Interior Coiling Grilles	ICG
C10401003	Interior Folding Grilles	IFO
C10405001	Interior Security Gates	IGT
C10405002	Interior Folding Gates	IFG
D10101006	Freight Elevators	FLV
D10101007	Electric Traction Freight Elevators	EFE
D10101008	Hydraulic Freight Elevators	HFE
D10101009	Passenger Elevators	ELV
D10101010	Electric Traction Passenger Elevators	EPV
D10101011	Hydraulic Passenger Elevators	HPE
D10101012	Residential Elevators	RLV
D10101013	Electric Traction Residential Elevators	ERV
D10101014	Hydraulic Residential Elevators	HRV
D10101015	Service Elevators	SRV
D10101016	Electric Traction Service Elevators	ESV
D10101017	Hydraulic Service Elevators	HSV
D10101018	Limited-Use/Limited Application Elevators	LUV
D10101019	Custom Elevator Cabs and Doors	VCD
D10101020	Elevator Equipment and Controls	VEC
D10102003	People Lifts	PLF
D10102004	Wheelchair Lifts	MNL
D10102005	Platform Lifts	PFL
D10102006	Orchestra Lifts	ORL
D10102007	Stage Lifts	STL
D10102008	Sidewalk Lifts	SWL
D10102009	Vehicle Lifts	VHL

Uniformat Code	Asset Description	Asset Code
D10103003	32" Wide Escalator	ESN
D10103004	48" Wide Escalator	ESC
D10105002	Manual Dumbwaiters	MDW
D10105003	Powered Dumbwaiters	PDW
D10106003	Belt-type Moving Ramps	BTR
D10106004	Pallet-type Moving Ramps	PTR
D10301003	Belt-type Moving Walkway	MWB
D10301004	Pallet-type Moving Walkway	MWP
D10301005	High-Speed Moving Walkway	MWW
D10303002	Industrial Turntables	ITT
D10303003	Vehicle Turntables	VTT
D10303004	Hospitality Turntables	HTT
D10303005	Restaurant Turntables	RTT
D10303006	Exhibit Turntables	ETT
D10303007	Display Turntables	DTT
D10303008	Entertainment Turntables	TTT
D10303009	Stage Turntables	STT
D10305002	Aircraft Passenger Loading Bridges	PBB
D10307004	Monorails	MRL
D10307005	Funiculars	FNC
D10307006	Cable Transportation	CTP
D105040	Conveyors	CVY
D105050	Baggage Handling Equipment	BHS
D20102001	Domestic Water Pumps	BSP
D20102002	Domestic Water Softeners	DWS
D20102003	Domestic Water Filtration Equipment	WFE
D20102004	Domestic Water Heaters	WHR
D20102005	Electric Domestic Water Heaters	EWB
D20102006	Fuel-Fired Domestic Water Heaters	FWH
D20102007	Domestic Water Heat Exchangers	WHX
D201060	Plumbing Fixtures(Restrooms)	RRM
D20106032	Emergency Plumbing Fixtures	EPF
D20106033	Emergency Showers	EGS
D20106034	Eyewash Equipment	EWE
D20106035	Eye/Face Wash Equipment	FEW
D20106036	Hand-Held Emergency Drench Hoses	HDH

Uniformat Code	Asset Description	Asset Code
D20106037	Combination Emergency Fixture Units	CEF
D20106048	Drinking Fountains	DRF
D20109005	Meters and Gages	DWM
D20109006	Valves	DWV
D20109012	Instrumentation and Controls	DWI
D20109013	Pressure Reducing Valve	PRV
D20109014	Backflow Preventer	BFP
D20201001	Sanitary Waste Interceptors	SWI
D20201002	Sanitary Waste Separators	SWS
D20201003	Sanitary Sewerage Pumps	SSP
D20201004	Packaged, Submersible Sewerage Pump Units	PSP
D20201005	Packaged, Wastewater Pump Units	WWP
D20201006	Facility Packaged, Sewerage Pumping Stations	FSP
D20201007	Facility Septic Tanks	FST
D20201008	Grease Interceptor Tanks	GIT
D20203007	Backwater Valves	BWV
D20209004	Meters and Gages	SDM
D20209011	Instrumentation and Controls	SDI
D20209012	Backflow Preventer	SBP
D20301001	Stormwater Drainage Pumps	SDP
D20301002	Stormwater Drainage Sump Pumps	SMP
D20301003	Rainwater Storage Tanks	RST
D20306002	Gray Water Equipment	GWE
D20306003	Gray Water Treatment Equipment	GTE
D20309004	Meters and Gages	BSM
D20309005	Valves	BSV
D20601009	Compressed-Air Equipment	CAE
D20602009	Vacuum Equipment	VCE
D20605007	Processed Water Equipment	PWE
D30103001	Facility Fuel-Oil Pumps	FFP
D30103002	Facility Gasoline Dispensing Pumps	GDP
D30201001	Fuel Heat Generation	FHG
D30201003	Fuel-Fired Heating Boilers	FHB
D30201004	Electric Heating Boilers	EHB
D30201005	Heating Boiler Feedwater Equipment	HBF
D30201006	Boiler Feedwater Pumps	PBF
D30201007	Deaerators	DAE

Uniformat Code	Asset Description	Asset Code
D30201008	Furnaces	FRN
D30201009	Solar Heat Generation	SHG
D30201010	Heating Solar Collectors	HSC
D30201011	Packaged Solar Heating Equipment	HHE
D30201012	Geothermal Heat Generation	GHG
D30201013	Biomass Heat Generation	BHG
D30201014	Fuel-Fired Heaters	FHT
D30201015	Heat Exchangers for HVAC	HEX
D30201016	Steam Boilers	STB
D30201017	Expansion Tanks	EXT
D30201018	Heat Recovery Steam Generator	RSG
D30207001	Convection Heating Units	CHU
D30207002	Valance Heating Units	VHU
D30207003	Chilled Beams	HCB
D30207004	Air Coils	HAC
D30207005	Fan Coil Units	HFC
D30207006	Unit Ventilators	HUV
D30207007	Induction Units	HIU
D30207008	Radiators	DHR
D30207009	Convectors	DHC
D30207010	Finned-Tube Radiation Heaters	FRH
D30207011	Unit Heaters	UHT
D30207012	Radiant Heating Units	RHU
D30209003	Meters and Gages	HSM
D30209004	General-Duty Valves	HGV
D30209012	Instrumentation and Control	HIC
D30209013	Hot Water Distribution System Pump	HWP
D30301001	Refrigerant Compressors	RCP
D30301002	Refrigerant Condensers	RCO
D30301003	Packaged Compressor and Condenser Units	CCU
D30301004	Water Chillers	WCH
D30301005	Cooling Towers	CGT
D30301005	Air Cooled Chiller Unit	ACU
D30305001	Chilled-Water Thermal Storage	CWS
D30305002	Ice Storage	IST
D30307001	Air-Conditioners	ARC
D30307002	Packaged Terminal Air-Conditioners	TAC

Uniformat Code	Asset Description	Asset Code
D30307003	Room Air-Conditioners	RAC
D30307004	Self-Contained Air-conditioners	SAC
D30307005	Computer-Room Air-Conditioners	CRC
D30307006	Split-System Air-Conditioners	SSC
D30307007	Unitary Heat Pumps	UHP
D30307008	Air-Source Heat Pumps	AHP
D30307009	Water-Source Heat Pumps	WHP
D30307010	Convection Cooling Units	CVC
D30307011	Valance Cooling Units	VCU
D30307012	Chilled Beams	CBC
D30307013	Air Coils	CAC
D30307014	Fan Coil Units	CFC
D30307015	Unit Ventilators	CUV
D30307016	Induction Units	CIU
D30307017	Convectors	DCC
D30307018	Preconditioned Air Unit	PAC
D30307019	Condensing Unit	CDU
D30309003	Meters and Gages	CSM
D30309004	General-Duty Valves	CSV
D30309012	Instrumentation and Control	CIC
D30309013	Chilled Water Distribution System Pump	CWP
D30309014	Glycol Distribution System Pump	GWP
D30309015	Water Filter System	WFS
D30309016	Condenser Water Pump	DWP
D30501013	Hydronic Pumps	HYP
D30503008	Steam Condensate Pumps	SCP
D30503011	Steam Condensate Tank	SCT
D30505010	Air-Handling Units	AHU
D30505011	Indoor Central-Station Air-Handling Units	IHU
D30505012	Packaged Outdoor HVAC Equipment	OHV
D30505013	Custom-Packaged Outdoor HVAC	COH
D30505016	HVAC Fans	HVF
D30505020	Air Terminal Units	ATU
D30505027	Makeup Air Unit	MAU
D30509004	Meters and Gages	MTR
D30509005	General-Duty Valves	TMV
D30509014	Instrumentation and Control	DSI

Uniformat Code	Asset Description	Asset Code
D30601001	Supply Air HVAC Fans	SFU
D30601006	Supply Air Outlets	SAO
D30601006	Pressurization Fan Unit	PFU
D30602001	Return Air HVAC Fans	RHF
D30603001	Special Exhaust Systems	SXS
D30603002	Air-Borne Particulate Collection Systems Sawdust Collection Systems	CSS
D30603003	Engine Exhaust Systems	EES
D30603004	Ventilation Hoods	VTH
D30603005	Commercial Kitchen Hoods	CKH
D30603006	Fume Hood Exhaust	FHE
D30603007	Exhaust Air HVAC Fans	EXF
D30604001	Outside Air HVAC Fans	OHF
D30609010	Instrumentation and Control	VIC
D40101006	Fire Pumps	FPM
D40101008	Fire-Suppression Standpipes	STP
D40101009	Fire-Suppression Sprinkler Systems	FSS
D40101010	Wet-Pipe Sprinkler Systems	WSS
D40101011	Dry-Pipe Sprinkler Systems	DSS
D40101012	Preaction Sprinkler Systems	PSS
D40101013	Combined Dry-Pipe and Preaction Sprinkler Systems	COS
D40101014	Deluge Fire-Suppression Sprinkler Systems	DFS
D40101015	Water Spray Fixed Systems	WSF
D40101016	Antifreeze Sprinkler Systems	AFS
D40101017	Foam-Water Systems	FWS
D40105001	Carbon-Dioxide Fire-Extinguishing Systems	COD
D40105002	Clean-Agent Fire-Extinguishing Systems	CAF
D40105003	Wet-Chemical Fire-Extinguishing Systems	WCE
D40105004	Dry-Chemical Fire-Extinguishing Systems	DCE
D40109004	Meters and Gages	FSM
D40109005	General-Duty Valves	FGV
D40109011	Instrumentation and Control	FSI
D40109012	Backflow Preventer	FBP
D403010	Fire Protection Cabinets	FHC
D403030	Fire Extinguishers	FXH
D50101001	Engine Generators	EGG
D50101002	Steam-Turbine Generators	STG
D50101003	Hydro-Turbine Generators	HTG

Uniformat Code	Asset Description	Asset Code
D50101004	Wind Energy Equipment	WEE
D50101005	Frequency Converters	FQC
D50101006	Rotary Converters	RTC
D50101007	Uninterruptible Power Systems	UPS
D50102001	Batteries	BTT
D50102002	Battery Racks	BRK
D50102003	Battery Units	BTU
D50102004	Central Battery Equipment	CBE
D50102005	Static Power Converters	SPC
D50102006	Battery Chargers	BTC
D50102007	Battery Monitoring	BTM
D50102008	Static Uninterruptible Power Supply	SPS
D50102009	Inverter Units with Battery Packs	IBP
D50106001	Capacitors	CAP
D50106002	Chokes and Inductors	CHI
D50106003	Electromagnetic-Interference Filters	EIF
D50106004	Harmonic Filters	HFT
D50106005	Power Factor Correction Equipment	PFC
D50106006	Slip Controllers	SLC
D50106007	Static-Frequency Converters	SFC
D50106008	Radio-Frequency-Interference Filters	RFF
D50106009	Voltage Regulators	VRG
D50107001	Automatic Transfer Switches	ATS
D50109010	Instrumentation and Control	PGI
D50201001	Electricity Metering	ELM
D50201002	Substations	SBS
D50201003	Transformers	XFR
D50201004	Switchgear and Switchboards	SSW
D50201005	Protection Devices	PDV
D50203002	Switchboards	SWB
D50203003	Panelboards	EDP
D50203004	Motor-Control Centers	MCC
D50203006	Distribution Equipment	PDE
D50203013	Electric Regulator	ERG
D50203014	Ground Power Unit	GPU
D50209011	Instrumentation and Control	EDI
D50309010	Instrumentation and Control	EPI

Uniformat Code	Asset Description	Asset Code
D50401001	Lighting Control Devices	LCD
D50401002	Lighting Control Panels	LCP
D50401003	Central Dimming Control	CDC
D50401004	Modular Dimming Control	MDC
D50401005	Network Lighting Control	NLC
D50405001	Interior Lighting	ILT
D50405002	Emergency Lighting	ELT
D50405003	Exit Signs	EXS
D50405004	Classified Location Lighting	CLL
D50405005	Special Purpose Lighting	SPL
D50405006	Outline Lighting	OLT
D50405007	Underwater Lighting	ULT
D50405008	Hazard Warning Lighting	HWL
D50405009	Obstruction Lighting	OBL
D50405010	Helipad Lighting	HPL
D50405011	Security Lighting	SCL
D50405012	Display Lighting	DPL
D50405013	Theatrical Lighting	THL
D50405014	Detention Lighting	DTL
D50405015	Healthcare Lighting	HHL
D50409010	Instrumentation and Control	LTI
D50809009	Instrumentation and Control	EIC
D70501002	Digital, Addressable Fire-Alarm Systems	DFA
D70501003	Zoned Fire-Alarm Systems	ZFA
D70501004	Fire Detection and Alarm Control, GUI and Logic Systems	FAC
D70501005	Fire Detection and Alarm Annunciation Panels and Fire Stations	FCP
D70501006	Fire Detection and Alarm Interfaces	FAI
D70502002	Radiation Detection and Alarm Control, GUI and Logic Systems	RDL
D70502003	Radiation Detection and Alarm Integrated Audio Evacuation Systems	RDE
D70503002	Fuel-Gas Detection and Alarm Control, GUI and Logic Systems	GDL
D70503003	Fuel-Gas Detection and Alarm Integrated Audio Evacuation Systems	GDE
D70505002	Refrigeration Detection and Alarm Control, GUI and Logic Systems	RFL
D70505003	Refrigeration Detection and Alarm Integrated Audio Evacuation Systems	RFE
D70506002	Water Detection and Alarm Control, GUI and Logic Systems	WDL
D70701001	Hard-Wired Detention Monitoring and Control Systems	HWC
D70701002	Relay-Logic Detention Monitoring and Control Systems	RLC
D70701003	PLC Electronic Detention Monitoring and Control Systems	PMC

Uniformat Code	Asset Description	Asset Code
D70701004	Computer-Based Detention Monitoring and Control Systems	CMC
D70701005	Discreet-Logic Detention Monitoring and Control Systems	DMC
D70701006	Discreet-Distributed Intelligence Detention Monitoring and Control Systems	DID
D801010	Integrated Automation Control of Equipment	ICE
D801020	Integrated Automation Control of Conveying Equipment	IAD
D801030	Integrated Automation Control of Fire-Suppression Systems	IAF
D801040	Integrated Automation Control of Plumbing Systems	IAP
D801050	Integrated Automation Control of HVAC Systems	IAH
D801060	Integrated Automation Control of Electrical Systems	IAE
D801070	Integrated Automation Control of Communication Systems	IAC
D801080	Integrated Automation Control of Electronic Safety and Security Systems	IAS
D801090	Integrated Automation Supplementary Components	IAM
E10105003	Loading Dock Levelers	LDV
E10105004	Loading Dock Lifts	LDL
E10107001	Interior Pedestrian Gates	IPG
E10304001	Floor and Wall Cleaning Equipment	FWC
E10304002	Housekeeping Carts	HKC
E10304003	Vacuum Cleaning Systems	VCS
E10304004	Window Washing Systems	WWS
E10308001	Food Storage Equipment	FSE
E10308002	Refrigerated Food Storage Cases	RFS
E10308003	Walk-In Coolers	WCL
E10308004	Walk-In Freezers	WFR
E10308005	Food Service Shelving	FSV
E10308006	Food Preparation Equipment	FPE
E10308007	Food Delivery Carts and Conveyors	FCC
E10308008	Food Delivery Carts	FDC
E10308009	Food Delivery Conveyors	FDY
E10308010	Food Cooking Equipment	FCE
E10308011	Commercial Ranges	CRG
E10308012	Commercial Ovens	COV
E10308013	Food Dispensing Equipment	FDE
E10308014	Bar Equipment	BEQ
E10308015	Service Line Equipment	SLE
E10308016	Soda Fountain Equipment	SFE
E10308017	Ice Machines	ICM
E10308018	Cleaning and Disposal Equipment	CDE

Uniformat Code	Asset Description	Asset Code
E10308019	Commercial Dishwashers	CDW
E10901003	Incinerators	INC
E10901004	Recycling Equipment	RCY
E10901005	Waste Compactors and Destructors	TRC
E10901006	Composting Equipment	CMP
E10901007	Facility Waste Shredders	WSH
E10901008	Facility Waste Balers	FWB
F10502005	Interior Fountain Pumps	IFP
F10502006	Interior Fountain Equipment Controls	IFC
G20208005	Exterior Parking Gates	EPG
G20308001	Exterior Pedestrian Gates	EDG
G20401001	Aviation Pavement Base Courses	APB
G20401002	Flexible Aviation Pavement	FAP
G20401003	Rigid Aviation Pavement	RAP
G20401004	Aviation Aggregate Surfacing	AAS
G20404001	Airfield Pavement Markings	APV
G20404002	Pavement Snow Melting Systems	PSM
G20404003	Airfield Traffic Signage	SAT
G20408001	Airfield Signals	ASG
G20408002	Airfield Landing Equipment	ALE
G20408003	Airfield Traffic Control Tower Equipment	ATC
G20408004	Weather Observation Equipment	WOE
G20408005	Airfield Control Equipment	ACE
G20602003	Gate Operators	GOP
G20602004	Chain Link Fences and Gates	CLF
G20602005	Welded Wire Fences and Gates	WWF
G20602006	Decorative Metal Fences and Gates	DMF
G20602007	Plastic Fences and Gates	PFG
G20602008	Wire Fences and Gates	WFG
G20602009	Wood Fences and Gates	WDF
G30101005	Water Distribution Equipment	UWE
G30101006	Water Service Connections	UWC
G30101007	Water Distribution Valves	UWV
G30101008	Fire Hydrants	UFH
G30101009	Water Pumping Stations	WPS
G30101016	Backflow Preventer	UWP
G30103004	Water Distribution Equipment	UFE

Uniformat Code	Asset Description	Asset Code
G30103005	Water Service Connections	UFC
G30103006	Water Distribution Valves	UFV
G30103007	Fire Hydrants	FFH
G30103008	Water Pumping Stations	FWP
G30105005	Water Distribution Equipment	IWE
G30105006	Water Service Connections	IWC
G30105007	Water Distribution Valves	IDV
G30105008	Water Pumping Stations	IPS
G30204002	Septic Tank Effluent Pumps	SEP
G30205003	Sewer Lift Stations	SLS
G30601005	Compressed Gases Storage Tanks	CST
G30602003	Fuel-Oil Pumps	FOP
G30602004	Fuel-Oil Storage Tanks	OST
G30603003	Gasoline Pumps	GSP
G30603004	Gasoline Storage Tanks	GST
G30604003	Diesel Fuel Pumps	DFP
G30604004	Diesel Fuel Storage Tanks	DST
G30606003	Aviation Fuel Pumps	AFP
G30606005	Aviation Fuel Storage Tanks	AST
G30901003	Utility Structures	UTS
G30901007	Instrumentation and Control	GIC
G40102005	Transmission and Distribution Equipment	TDE
G401040	Electrical Transformers	EFR

4 DATA DICTIONARY DEFINITIONS

- Attribute:** A characteristic or feature of a facility, system/sub-system or component.
- Data Type:** A category of data. Typical data types are logical (true/false), numeric, alphanumeric (character), and dates. When data are assigned a type, they cannot be treated like another type. For example, alphanumeric data cannot be calculated and digits within numeric data cannot be isolated. Date types can only contain valid dates.
- Unit:** A unit (of measurement) is a definite magnitude of a physical quantity that is used as a standard for measurement of the same physical quantity.
- Domain:** A domain is the set of possible data values of an attribute, which have a standard set of characteristics.
- Range of Values:** The range specifies the lower and upper boundaries of the values that an attribute may legally have.

5 FACILITY BUILDING

Hierarchical Level: Facility

Facility Group: Building

Code: Terminal (TER), Office (OFF), Cargo (CRG), Aircraft Rescue Fire Fighting (ARF), Central Utility Plant (CUP), Maintenance Buildings (MNT)

Description: A relatively permanent enclosed construction over a plot of land, having a roof and usually windows and often more than one level, used for any of a wide variety of activities, as living, working, or manufacturing. Each facility may also have additional unique characteristics beyond the basic information.

Attribute	Data Type	Unit	Domain / Range of Values
Building Type	ALN	N/A	Terminal, Office, Cargo, Aircraft Rescue Firefighting, Parking Structure, Maintenance
Building Description	ALN		A narrative description of the building
Year of Last Renovation	ALN	N/A	Year of the last renovation that modified the depreciation rate
Initial Occupancy Date	ALN	N/A	Date that the building was first occupied
Ownership	ALN	N/A	LAWA, Tenant/Other
Gross Area	Numeric	SF	Gross square footage
Source of Area	ALN	N/A	As-built drawing, survey
Rentable Area	Numeric	SF	Net rentable area
Maintainable Area	Numeric	SF	Net area maintained
Circulation Area	Numeric	SF	Net circulation space
Budget Number	Numeric	N/A	Accounting number for financial transactions
Type of Construction	ALN	N/A	Temporary, Permanent

All Buildings share the same basic attributes. The following buildings have additional specific attributes.

6 ASSET SPECIFICATION

B2020 EXTERIOR WINDOWS

Description: Exterior window wall installed in the exterior walls or exterior skin. Assemblies include frames, hardware, hoisting devices, and finish and other associated work with following Uniformat codes

Uniformat Code	Asset Description	Asset Code
B20203001	Storefronts	ESF

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Width	Numeric	FEET	Width of the door
Height	Numeric	FEET	Height of the door
Frame Material	ALN	N/A	Wood, Metal Grate, Metal Frame and Panels, Metal Frame with Glass Panels

B2050 EXTERIOR DOORS AND GRILLES

Description: Exterior Entrance Doors installed in the exterior walls or exterior skin. Assemblies include frames, hardware, hoisting devices, and finish and other associated work with following Uniformat codes

Uniformat Code	Asset Description	Asset Code
B20501001	Sliding Glass Doors	SGD
B20501002	All-Glass Entrances	EAG
B20501003	Automatic Entrances	EAU
B20501004	Revolving Door Entrances	ERD
B20501005	Balanced Door Entrances	EBD
B20501006	Sliding Storefronts	ESS
B20503001	Exterior Coiling Doors	ECD
B20503002	Exterior Panel Doors	EPD
B20503003	Exterior Sectional Doors	ESD
B20503004	Exterior Single-Panel Doors	SPD
B20503005	Exterior Multi-Leaf Vertical Lift Doors	VLD
B20503006	Exterior Telescoping Vertical Lift Doors	TVL
B20503007	Hangar Doors	HGD
B20504001	Exterior Cold Storage Doors	CSD

Uniformat Code	Asset Description	Asset Code
B20504002	Exterior Industrial Doors	EID
B20504003	Exterior Radio-Frequency-Interference Shielding Doors	RID
B20504004	Exterior Radiation Shielding Doors	RSD
B20504005	Radiation-Resistant Glazing	RRD
B20504006	Exterior Security Doors	SCD
B20504007	Security Glazing	SGL
B20504008	Ballistics-Resistant Glazing	BRG
B20504009	Exterior Detention Doors	EDD
B20504010	Exterior Sound Control Doors	SOC
B20504011	Exterior Traffic Doors	ETF
B20504012	Exterior Pressure-Resistant Doors	EPR
B20506001	Exterior Coiling Grilles	ECG
B20506002	Exterior Folding Grilles	EFG
B20507001	Exterior Security Gates	ESG

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Operating Mechanism	ALN	N/A	Automatic, Manual
Motion Detection	ALN	N/A	Yes, No
Panic Hardware	ALN	N/A	Yes, No
Width	Numeric	FEET	Width of the door
Height	Numeric	FEET	Height of the door
Material	ALN	N/A	Wood, Metal Grate, Metal Frame and Panels, Metal Frame with Glass Panels
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

B3010 ROOFING

Description: This system includes all waterproof roof coverings and insulation, expansion joints, together with skylights, hatches, ventilators, and all required trim. In addition to roof coverings, the system

includes all waterproof membranes and traffic toppings over below enclosed areas, balconies, etc. with following Uniformat Code.

Uniformat Code	Asset Description	Asset Code
B30101015	Roofing Shingles and Shakes	RSS
B30101016	Roof Tiles	RFT
B30101017	Roof Panels	RFP
B30101018	Sheet Metal Roofing	SMR
B30105013	Low-Slope Roofing Membrane	LSR
B30105014	Protected Membrane Roofing	PMR
B30105015	Low-Slope Roofing Cover	LSC
B30105016	Roofing Ballast	RFB
B30105017	Roofing Gravel	RFG
B30105018	Roofing Pavers	RPV
B30105019	Roofing Coatings	RFC
B30105020	Vegetated Low-Slope Roofing	VLS

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity ROF### per the Facility and Space Naming Convention
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Mansard, Dome, Hip, Shed, Gambrel, Canopy, Flat, A Frame/Gable, Arch
Sub System (Roof Types)	ALN	N/A	Build up, Single PLY, Panel
Material	ALN	N/A	Built-up, Modified bituminous, Single-ply membrane unballasted, Inverted membrane, Roll roofing, Asphalt shingles, Architectural shingles, Wood shingles, Wood shake roofing, Slate tile, Clay tile, Metal panel, Standing seam metal, Fiberglass, Copper, Lead-coated copper, Polyurethane spray-on roofing, Elastomeric roof coating, Other, Single-ply membrane ballasted, Glass
Is Ballasted	ALN	N/A	Yes, No
Ballast Material	ALN	N/A	Pavers, River-rock
Pitch	Numeric	degrees	Roof pitch
Has Lightning Protection	ALN	N/A	False, True
Primary Roof Drain Count	Numeric	EA	Number of primary roof drains
Secondary Roof Drain Count	Numeric	EA	Number of secondary roof drains
Gutter Count	Numeric	EA	Number of gutters

Attribute	Data Type	Unit	Domain / Range of Values
Downspout Count	Numeric	EA	Number of downspouts
Ventilators, qty	Numeric	EA	Number of ventilators
Skylights, qty	Numeric	EA	Number of skylights
Antenna, qty	Numeric	EA	Number of antennas
Screening, qty	Numeric	EA	Number of screening
Roof Type	ALN	N/A	Flat, Gambrel, Mansard, Hipped, Shed, Gable
Adjusted Serviceability Estimate ASE	Numeric	N/A	Adjusted Serviceability Estimate
Optimum Repair Cost	Numeric	\$US	Cost of repair
Minimum Repair Coat	Numeric	\$US	Cost of repair
Roof Area	Numeric	SF	Square footage of roof area

C1010 INTERIOR PARTITIONS

Description: All interior partitions: Standard, Glazed, Sliding and Folding door and hardware with following Unifomat Codes

Unifomat Code	Asset Description	Asset Code
C10102001	Storefronts	ISF
C10105008	Accordion Folding Partitions	ACP
C10105009	Coiling Partitions	CPT
C10105010	Folding Panel Partitions	FPP
C10105011	Sliding Partitions	SPT
C10107002	Grilles and Screens	GSC

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Roll-up, Sectional
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Operating Mechanism	ALN	N/A	Automatic, Manual
Width	ALN	FEET	Width of the partition
Height	ALN	FEET	Height of the partition
Frame Material	ALN	N/A	Wood, Metal Grate, Metal Frame and Panels, Metal Frame with Glass Panels

C1020 INTERIOR WINDOWS

Description: All interior windows: Standard, Glazed, Security, Ballitics and associated hardware with the following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
C10205001	Interior Observation Windows	IOW
C10205002	Interior Pass Windows	IPW
C10205003	Interior Radio-Frequency-Interference Shielding Windows	IRW
C10205004	Interior Radiation Shielding Windows	IRS
C10205005	Radiation-Resistant Glazing	RRG
C10205006	Interior Security Windows	ISW
C10205007	Security Glazing	SCG
C10205008	Ballistics-Resistant Glazing	BLR
C10205009	Interior Detention Windows	IDW
C10205010	Interior Sound Control Windows	ICW

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Width	Numeric	FEET	Width of the window
Height	Numeric	FEET	Height of the window
Frame Material	ALN	N/A	Wood, Metal Grate, Metal Frame and Panels, Metal Frame with Glass Panels

C1030 INTERIOR DOORS

Description: All interior doors: Standard, Glazed, Fire door, Sliding and Folding door, Overhead door, Gates, Door hardware with the following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
C10302001	All-Glass Entrances	AGE
C10302002	Automatic Entrances	IAU
C10302003	Revolving Door Entrances	IAG
C10302004	Balanced Door Entrances	IBD
C10302005	Sliding Storefronts	ISS
C10302501	Sliding Glass Doors	ISG

Uniformat Code	Asset Description	Asset Code
C10304001	Coiling Counter Doors	ICC
C10305001	Interior Sectional Doors	ISC
C10305002	Interior Single-Panel Doors	ISP
C10305003	Interior Multi-Leaf Vertical Lift Doors	IML
C10305004	Interior Telescoping Vertical Lift Doors	ITL
C10307001	Interior Cold Storage Doors	ICS
C10307002	Interior Industrial Doors	IID
C10307003	Interior Lightproof Doors	ILP
C10307004	Interior Darkroom Doors	IDR
C10307005	Interior Radio-Frequency-Interference Shielding Doors	IRF
C10307006	Interior Radiation Shielding Doors	IRD
C10307007	Radiation-Resistant Glazing	IRG
C10307008	Interior Security Doors	ISD
C10307009	Security Revolving Door Entrances	ISR
C10307010	Security Glazing	IGL
C10307011	Ballistics-Resistant Glazing	IBG
C10307012	Interior Vault Doors	IVD
C10307013	Interior Detention Doors	IDD
C10307014	Interior Sound Control Doors	ISO
C10307015	Interior Traffic Doors	ITF
C10307016	Interior Pressure-Resistant Doors	IPR

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Operating Mechanism	ALN	N/A	Automatic, Manual
Motion Detection	ALN	N/A	Yes, No
Panic Hardware	ALN	N/A	Yes, No
Width	Numeric	FEET	Width of the door
Height	Numeric	FEET	Height of the door
Material	ALN	N/A	Wood, Metal Grate, Metal Frame and Panels, Metal

Attribute	Data Type	Unit	Domain / Range of Values
			Frame with Glass Panels
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

C1040 INTERIOR GRILLES AND GATES

Description: All interior grilles and gates with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
C10401001	Interior Sliding Metal Grilles	ISM
C10401002	Interior Coiling Grilles	ICG
C10401003	Interior Folding Grilles	IFO
C10405001	Interior Security Gates	IGT
C10405002	Interior Folding Gates	IFG

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Operating Mechanism	ALN	N/A	Automatic, Manual
Motion Detection	ALN	N/A	Yes, No
Panic Hardware	ALN	N/A	Yes, No
Width	Numeric	FEET	Width of the grille/gate
Height	Numeric	FEET	Height of the grille/gate
Material	ALN	N/A	Wood, Metal Grate, Metal Frame and Panels, Metal Frame with Glass Panels
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D101010 ELEVATORS

Description: An enclosed compartment that is raised or lowered mechanically, used as transportation between levels in a building with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D10101006	Freight Elevators	FLV
D10101007	Electric Traction Freight Elevators	EFE
D10101008	Hydraulic Freight Elevators	HFE
D10101009	Passenger Elevators	ELV
D10101010	Electric Traction Passenger Elevators	EPV
D10101011	Hydraulic Passenger Elevators	HPE
D10101012	Residential Elevators	RLV
D10101013	Electric Traction Residential Elevators	ERV
D10101014	Hydraulic Residential Elevators	HRV
D10101015	Service Elevators	SRV
D10101016	Electric Traction Service Elevators	ESV
D10101017	Hydraulic Service Elevators	HSV
D10101018	Limited-Use/Limited Application Elevators	LUV
D10101019	Custom Elevator Cabs and Doors	VCD
D10101020	Elevator Equipment and Controls	VEC

Attribute	Data Type	Unit	Domain / Range of Values
Component Type	ALN	N/A	Traction, Hydraulic, MRL
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
State Number	ALN	N/A	Unique ID assigned by the state
Front and Rear Doors	ALN	N/A	Yes, No
Number Of Floors Served	Numeric	FL	Number Of Floors Served
Weight Capacity	Numeric	LBS	Capacity Rating
Manufacturer Contract Number	ALN	N/A	Manufacturer Contract Number
Controller Type	ALN	N/A	ACRT, ACVF, DCSS, Hydro
Opening Type	ALN	N/A	Front, Rear, Both
Phone Number	Numeric	N/A	Phone number of the elevator call-box
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the Component

Attribute	Data Type	Unit	Domain / Range of Values
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Door Operator Type	ALN	N/A	Side, Center
Cab Door Speed	ALN	N/A	one speed, two speed, center opening
Cab Door Size	Numeric	SF	Area of the cab door
Hatch Door Opening	Numeric	SF	Area of the hatch opening
Governor Rope Diameter	Numeric	IN	Diameter of governor roper
Governor Rope Type	ALN	N/A	Iron, Traction, Extra High Strength Traction
Hoist Type	ALN	N/A	Belt, Rope
Hoist Rope Type	ALN	N/A	Iron, Traction, Extra High Strength Traction
Hoist Rope Quantity	Numeric	EA	Hoist Rope Quantity
Piston Diameter	Numeric	IN	Piston Diameter
Hoist Rope Diameter	Numeric	IN	Hoist Rope Diameter
Person Capacity	Numeric	EA	Capacity Rating

D101020 LIFTS

Description: A is a device for getting workers, equipment, and/or materials to where they are needed with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D10102003	People Lifts	PLF
D10102004	Wheelchair Lifts	MNL
D10102005	Platform Lifts	PFL
D10102006	Orchestra Lifts	ORL
D10102007	Stage Lifts	STL
D10102008	Sidewalk Lifts	SWL
D10102009	Vehicle Lifts	VHL

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity MNL###
Component Type	ALN	N/A	Scissor lift, boom lift
State Number	ALN	N/A	Unique ID assigned by the state
Manufacturer Contract Number	ALN	N/A	Manufacturer Contract Number
Extension Capacity	Numeric	FEET	Capacity
Operating Weight	Numeric	LBS	Operating Weight
Platform Capacity	Numeric	LBS	Platform Capacity
Platform Height	Numeric	FEET	Platform Height
Platform Length	Numeric	IN	Platform Length
Platform Width	Numeric	IN	Platform Width
Stowed Height	Numeric	IN	Stowed Height
Width	Numeric	IN	Width
Drive Type	ALN	N/A	Hydraulic, Screw
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the Component
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D101030 ESCALATORS

Description: A set of moving steps, attached to a continuously circulating belt that carries people up and down levels of a building with following Uniformat codes

Uniformat Code	Asset Description	Asset Code
D10103003	32" Wide Escalator	ESN
D10103004	48" Wide Escalator	ESC

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Direction of Travel	ALN	N/A	Up, Down
Width	Numeric	FEET	Width of escalator
Length	Numeric	FEET	Length of escalator
Escalator Rise	Numeric	FEET	Escalator Rise (floor to floor distance)
State Number	ALN	N/A	Unique ID assigned by the state
Manufacturer Contract Number	ALN	N/A	Manufacturer Contract Number
Controller Type	ALN	N/A	ACRT, ACVF, DCSS, Hydro
Step Width	Numeric	IN	Width of steps

Attribute	Data Type	Unit	Domain / Range of Values
Step Quantity	Numeric	EA	Number of steps
Step Chain Type	ALN	N/A	2, 4
Step Chain Manufacturer	ALN	N/A	Select from list of step chain manufacturer
Handrail Length	Numeric	FEET	Handrail Length
Handrail Drive Type	ALN	N/A	Sprocket, Helical Pinion Gear, Pulley, Friction
Motor Quantity	Numeric	EA	Number of motors
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the Component
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D101050 DUMBWAITERS

Description: A is a device for getting equipment, and/or materials to where they are needed with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D10105002	Manual Dumbwaiters	MDW
D10105003	Powered Dumbwaiters	PDW

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity MNL###
Component Type	ALN	N/A	Scissor lift, boom lift
State Number	ALN	N/A	Unique ID assigned by the state
Manufacturer Contract Number	ALN	N/A	Manufacturer Contract Number
Extension Capacity	Numeric	FEET	Capacity
Operating Weight	Numeric	LBS	Operating Weight
Platform Capacity	Numeric	LBS	Platform Capacity
Platform Height	Numeric	FEET	Platform Height
Platform Length	Numeric	IN	Platform Length
Platform Width	Numeric	IN	Platform Width

Attribute	Data Type	Unit	Domain / Range of Values
Stowed Height	Numeric	IN	Stowed Height
Width	Numeric	IN	Width
Drive Type	ALN	N/A	Hydraulic, Screw
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the Component
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D105060 MOVING RAMPS

Description: A moving conveyor belt that serves as transportation over inclined surfaces with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D10106003	Belt-type Moving Ramps	BTR
D10106004	Pallet-type Moving Ramps	PTR

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Width	Numeric	FEET	Width of moving walkway
Length	Numeric	FEET	Length of moving walkway
State Number	ALN	N/A	Unique ID assigned by the state
Manufacturer Contract Number	ALN	N/A	Manufacturer Contract Number
Controller Type	ALN	N/A	ACRT, ACVF, DCSS, Hydro
Step Chain Type	ALN	N/A	2, 4
Step Chain Manufacturer	ALN	N/A	Select from list of step chain manufacturers
Handrail Length	Numeric	FEET	Handrail Length
Handrail Drive Type	ALN	N/A	Sprocket, Helical Pinion Gear, Pulley, Friction
Motor Quantity	Numeric	EA	Number of motors
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the Component
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S,

Attribute	Data Type	Unit	Domain / Range of Values
			405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D103010 MOVING WALKWAY

Description: A moving conveyor belt that serves as transportation over flat or slightly inclined surfaces and may also be known as a moving sidewalk with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D10301003	Belt-type Moving Walkway	MWB
D10301004	Pallet-type Moving Walkway	MWP
D10301005	High-Speed Moving Walkway	MWW

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Width	Numeric	FEET	Width of moving walkway
Length	Numeric	FEET	Length of moving walkway
State Number	ALN	N/A	Unique ID assigned by the state
Manufacturer Contract Number	ALN	N/A	Manufacturer Contract Number
Controller Type	ALN	N/A	ACRT, ACVF, DCSS, Hydro
Step Chain Type	ALN	N/A	2, 4
Step Chain Manufacturer	ALN	N/A	Select from list of step chain manufacturers
Handrail Length	Numeric	FEET	Handrail Length
Handrail Drive Type	ALN	N/A	Sprocket, Helical Pinion Gear, Pulley, Friction
Motor Quantity	Numeric	EA	Number of motors
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the Component
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S,

Attribute	Data Type	Unit	Domain / Range of Values
			405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D103030 TURNTABLES

Description: Equipment used for turning material and/or other equipment with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D10303002	Industrial Turntables	ITT
D10303003	Vehicle Turntables	VTT
D10303004	Hospitality Turntables	HTT
D10303005	Restaurant Turntables	RTT
D10303006	Exhibit Turntables	ETT
D10303007	Display Turntables	DTT
D10303008	Entertainment Turntables	TTT
D10303009	Stage Turntables	STT

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Diameter	Numeric	FEET	Width of moving walkway
State Number	ALN	N/A	Unique ID assigned by the state
Manufacturer Contract Number	ALN	N/A	Manufacturer Contract Number
Controller Type	ALN	N/A	ACRT, ACVF, DCSS, Hydro
Motor Quantity	Numeric	EA	Number of motors
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the Component
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S,

Attribute	Data Type	Unit	Domain / Range of Values
			405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D103050 PASSENGER LOADING BRIDGES

Description: An extendable bridge for loading passengers onto aircraft. It provides protected access from the gate to the plane with following Uniformat Code

Uniformat Code	Asset Description	Asset Code
D10305002	Aircraft Passenger Loading Bridges	PBB

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Voltage	Numeric	VOLTS	Panel voltage 120, 240
Auto Level	ALN	N/A	Yes, no
Type	ALN	N/A	Apron Drive, Radial, Fixed Pedestal, Elevated "T", Standard Drive, Single Motor High Drive Round Tube, Single Motor High Drive Square Tube
Aircraft Served	ALN	N/A	737, 757, MD80, CRJ-200, etc.

D103070 PEOPLE MOVERS

Description: Large volume passenger transport equipment following Uniformat Code. Attributes to be developed

Uniformat Code	Asset Description	Asset Code
D10307004	Monorails	MRL
D10307005	Funiculars	FNC
D10307006	Cable Transportation	CTP

D1050 MATERIAL HANDLING

Description: A system that transports checked luggage from ticket counters to areas where bags or other material can be loaded onto aircraft or moved from one location to another with the following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D105040	Conveyors	CVY
D105050	Baggage Handling Equipment	BHS

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity BHS###
System Description	ALN	N/A	A narrative description of the entity
System Type	ALN	N/A	Inbound, Carousels, Oversize, ticket counter, Curbside, Mainline, Recirculation line, Scanner array,
Area Served	ALN	N/A	Arrival Level, Departure Level, Baggage Make-up Area
Number of Conveyors	Numeric	EA	Number of Conveyors
Conveyor Length	Numeric	FEET	Overall conveyor Length
Number of Merge Conveyors	Numeric	EA	Number of Merge Conveyors
Number of Diverters	Numeric	EA	Number of Diverters
Number of Sortation Units	Numeric	EA	Number of Sortation Units
Number of Carousels	Numeric	EA	Number of Carousels
Breaker Switch, qty	Numeric	EA	Breaker Switch Quantity
KVA	Numeric	KVA	Current Capacity
SPACES	Numeric	EA	Total Quantity of Breaker Spaces
VOLTAGE	ALN	N/A	Voltage

D20102001 DOMESTIC WATER PUMPS

Description: A domestic water conveyance device. Includes booster pumps with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D20102001	Domestic Water Pumps	BSP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches

Attribute	Data Type	Unit	Domain / Range of Values
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

D20102002 DOMESTIC WATER SOFTENERS

Description: Equipment required to soften water for domestic use with the following Uniformat Code. Attributes to be developed

Uniformat Code	Asset Description	Asset Code
D20102002	Domestic Water Softeners	DWS

D20102002 DOMESTIC WATER FILTRATION

Description: Equipment required to soften water for domestic use with the following Uniformat Code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D20102003	Domestic Water Filtration Equipment	WFE

D201020 DOMESTIC WATER EQUIPMENT

Description: Equipment used to heat domestic water with the following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D20102004	Domestic Water Heaters	WHR
D20102005	Electric Domestic Water Heaters	EWH
D20102006	Fuel-Fired Domestic Water Heaters	FWH
D20102007	Domestic Water Heat Exchangers	WHX

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
Component Description	ALN	N/A	A narrative description of the entity
State ID Number	ALN	N/A	
Tank Size	NUMERIC	L	
National Board Number	NUMERIC	N/A	
Maximum Allowable Working Pressure	NUMERIC	PSI	
Maximum Allowable Working Temperature	NUMERIC	DEG	
Heating Surface Area	NUMERIC	SF	
Maximum Steam Capacity (lbs/hr)	NUMERIC	LBS	
Input Capacity (BTU/hr)	NUMERIC	BTU	
Output Capacity (BTU/hr)	NUMERIC	BTU	
Safety Relief Valve Set Pressure	NUMERIC	PSI	

D201060 PLUMBING FIXTURES

Description: A room equipped with plumbing fixtures such as toilets, urinals, wash basins, hand dryers, change stations, faucets, etc. with following Uniformat Code

Uniformat Code	Asset Description	Asset Code
D201060	Plumbing Fixtures	RRM

Attribute	Data Type	Unit	Domain / Range of Values
-----------	-----------	------	--------------------------

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System Description	ALN	N/A	A narrative description of the entity
Toilets, qty	Numeric	EA	Number of Toilets
Toilet Compartments, qty	Numeric	EA	Number of Toilet Compartments
Urinals, qty	Numeric	EA	Number of Urinals
Urinal Screens, qty	Numeric	EA	Number of Urinal Screens
Changing Tables, qty	Numeric	EA	Number of Changing Tables
Counter Areas, qty	Numeric	SF	Counter Area
Hand Dryers, qty	Numeric	EA	Number of Hand Dryers
Light Fixtures, qty	Numeric	EA	Number of Light Fixtures
Wall Areas, qty	Numeric	SF	Wall Area
Dispensing Fixtures, qty	Numeric	EA	Number of Dispensing Fixtures
Sinks, qty	Numeric	EA	Number of Sinks
Sink Type	ALN	N/A	Hand, Slop, Pedestal, Trough, Vessel
Faucets	Numeric	EA	Number of Faucets
Faucet Type	ALN	N/A	Ball, Disc, Cartridge, Compression
Gender	ALN	N/A	Female, Male, Family
Handicap	ALN	Y/N	Is this a handicap accessible? Yes or No

D2010603 EMERGENCY PLUMBING FIXTURES

Description: Emergency fixtures such as eye wash stations with the following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D20106032	Emergency Plumbing Fixtures	EPF
D20106033	Emergency Showers	EGS
D20106034	Eyewash Equipment	EWE
D20106035	Eye/Face Wash Equipment	FEW
D20106036	Hand-Held Emergency Drench Hoses	HDH
D20106037	Combination Emergency Fixture Units	CEF

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System Description	ALN	N/A	A narrative description of the entity
GPM	Numeric	GPM	Gallons per minute

D201090 DOMESTIC WATER DISTRIBUTION SUPPLEMENTARY

Description: Supplementary domestic water distribution equipment such as valves and meters with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D20109005	Meters and Gages	DWM
D20109006	Valves	DWV

Uniformat Code	Asset Description	Asset Code
D20109012	Instrumentation and Controls	DWI
D20109013	Pressure Reducing Valve	PRV
D20109014	Backflow Preventer	BFP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System Type	ALN	N/A	Hot Water, Cold Water
System Description	ALN	N/A	A narrative description of the entity
Material	ALN	N/A	Type of metal
Size	ALN	IN	Fitting Size

D202010 SANITARY SEWERAGE EQUIPMENT

Description: A sanitary waste conveyance device with following Uniformat Code

Uniformat Code	Asset Description	Asset Code
D20201001	Sanitary Waste Interceptors	SWI
D20201002	Sanitary Waste Separators	SWS
D20201003	Sanitary Sewerage Pumps	SSP
D20201004	Packaged, Submersible Sewerage Pump Units	PSP
D20201005	Packaged, Wastewater Pump Units	WWP
D20201006	Facility Packaged, Sewerage Pumping Stations	FSP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity SWE###
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S,

Attribute	Data Type	Unit	Domain / Range of Values
			324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

Description: Sanitary waste tanks with following Uniformat Code

Uniformat Code	Asset Description	Asset Code
D20201007	Facility Septic Tanks	FST
D20201008	Grease Interceptor Tanks	GIT

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Capacity	Numeric	gallons	Capacity in gallons

D202030 SANITARY SEWERAGE PIPING

Description: Sanitary waste piping and valves used for waste conveyance with following Uniformat Code

Uniformat Code	Asset Description	Asset Code
D20203007	Backwater Valves	BWV

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System Description	ALN	N/A	A narrative description of the entity
Material	ALN	N/A	Type of metal
Size	ALN	IN	Fitting Size

D202090 SANITARY DRAINAGE SUPPLEMENTARY COMPONENTS

Description: Supplementary drainage components for sanitary waste conveyance with following Uniformat Codes

Uniformat Code	Asset Description	Asset Code
D20209004	Meters and Gages	SDM
D20209011	Instrumentation and Controls	SDI
D20209012	Backflow Preventer	SBP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System Description	ALN	N/A	A narrative description of the entity
Material	ALN	N/A	Type of metal
Size	ALN	IN	Fitting Size

D203010 STORMWATER DRAINAGE EQUIPMENT

Description: A storm water conveyance device. Includes booster pumps with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D20301001	Stormwater Drainage Pumps	SDP
D20301002	Stormwater Drainage Sump Pumps	SMP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365,

Attribute	Data Type	Unit	Domain / Range of Values
			365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

Description: A storm water storage device with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D20301003	Rainwater Storage Tanks	RST

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Capacity	Numeric	gallons	Capacity in gallons

D203060 GRAY WATER SYSTEMS

Description: A gray water conveyance and treatment devices with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D20306002	Gray Water Equipment	GWE
D20306003	Gray Water Treatment Equipment	GTE

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet

Attribute	Data Type	Unit	Domain / Range of Values
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

D203090 BUILDING SUPPORT PLUMBING SYSTEM SUPPLEMENTARY COMPONENTS

Description: Other plumbing devices with following Unifomat code.

Unifomat Code	Asset Description	Asset Code
D20309004	Meters and Gages	BSM
D20309005	Valves	BSV

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System Description	ALN	N/A	A narrative description of the entity
Material	ALN	N/A	Type of metal

Attribute	Data Type	Unit	Domain / Range of Values
Size	ALN	IN	Fitting Size

D206010 COMPRESSED-AIR SYSTEMS

Description: Compressed air equipment with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D20601009	Compressed-Air Equipment	CAE

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System type	ALN	N/A	
Has Air Drier?	Integer	N/A	Yes, No
Air Control Type	Combo	N/A	Dual, Single
Maximum Pressure	Number	psi	Maximum Pressure
Tank Size	Number	gallons	Tank Size
Cooling Method	Combo	N/A	Air, Water, Oil
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Frame Size	Combo	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Number	volts	Operating voltage for the motor
Motor Phases	Combo	N/A	1 Phase, 3 Phase
Motor Amps	Number	amps	Current draw for the motor
Motor Horse Power	Number	HP	Motor HP rating
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Motor Power Source	Combo	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Oil Type	Var	N/A	Type of oil
Oil Capacity	Number	gallons	Oil Capacity
Refrigerant Type	ALN	N/A	Type of refrigerant
Refrigerant Amount	Numeric	Pounds	Refrigerant Capacity

D206020 VACUUM SYSTEMS

Description: Vacuum generating equipment with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D20602009	Vacuum Equipment	VCE

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System type	ALN	N/A	
Has Air Drier?	Integer	N/A	Yes, No
Air Control Type	Combo	N/A	Dual, Single
Maximum Pressure	Number	psi	Maximum Pressure
Tank Size	Number	gallons	Tank Size
Cooling Method	Combo	N/A	Air, Water, Oil
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Frame Size	Combo	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Number	volts	Operating voltage for the motor
Motor Phases	Combo	N/A	1 Phase, 3 Phase
Motor Amps	Number	amps	Current draw for the motor
Motor Horse Power	Number	HP	Motor HP rating
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Motor Power Source	Combo	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Oil Type	Var	N/A	Type of oil
Oil Capacity	Number	gallons	Oil Capacity
Refrigerant Type	ALN	N/A	Type of refrigerant
Refrigerant Amount	Numeric	Pounds	Refrigerant Capacity

D206050 PROCESSED WATER SYSTEMS

Description: Vacuum generating equipment with following Uniformat code. Attributes TBD.

Uniformat Code	Asset Description	Asset Code
D20605007	Processed Water Equipment	PWE

D301030 FUEL PUMPS

Description: Fuel distribution equipment with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30103001	Facility Fuel-Oil Pumps	FFP
D30103002	Facility Gasoline Dispensing Pumps	GDP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

D302010 HEAT GENERATION

Description: Heat generating equipment with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30201001	Fuel Heat Generation	FHG
D30201003	Fuel-Fired Heating Boilers	FHB
D30201004	Electric Heating Boilers	EHB
D30201008	Furnaces	FRN
D30201016	Steam Boilers	STB

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
Component Description	ALN	N/A	A narrative description of the entity
State ID Number	ALN	N/A	
Tank Size	NUMERIC	L	
National Board Number	NUMERIC	N/A	
Maximum Allowable Working Pressure	NUMERIC	PSI	
Maximum Allowable Working Temperature	NUMERIC	DEG	
Heating Surface Area	NUMERIC	SF	
Maximum Steam Capacity (lbs/hr)	NUMERIC	LBS	
Input Capacity (BTU/hr)	NUMERIC	BTU	
Output Capacity (BTU/hr)	NUMERIC	BTU	
Safety Relief Valve Set Pressure	NUMERIC	PSI	

D30201006 BOILER FEEDWATER PUMP

Description: Boiler Feedwater Pump with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30201006	Boiler Feedwater Pumps	PBF

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof

Attribute	Data Type	Unit	Domain / Range of Values
			mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

Description: Other heat generation equipment with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D30201005	Heating Boiler Feedwater Equipment	HBF
D30201007	Deaerators	DAE
D30201009	Solar Heat Generation	SHG
D30201010	Heating Solar Collectors	HSC
D30201011	Packaged Solar Heating Equipment	HHE
D30201012	Geothermal Heat Generation	GHG
D30201013	Biomass Heat Generation	BHG
D30201015	Heat Exchangers for HVAC	HEX
D30201017	Expansion Tanks	EXT
D30201018	Heat Recovery Steam Generator	RSG

D302070 DECENTRALIZED HEATING EQUIPMENT

Description: Decentralized heating equipment such as unit heaters that are not tied to a central system equipment with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30207001	Convection Heating Units	CHU
D30207002	Valance Heating Units	VHU
D30207003	Chilled Beams	HCB
D30207004	Air Coils	HAC
D30207005	Fan Coil Units	HFC
D30207006	Unit Ventilators	HUV
D30207007	Induction Units	HIU
D30207008	Radiators	DHR
D30207009	Convectors	DHC
D30207010	Finned-Tube Radiation Heaters	FRH
D30207011	Unit Heaters	UHT
D30207012	Radiant Heating Units	RHU

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Single Zone, Multi Zone
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Mount Type	ALN	N/A	Wall mount, floor mounted, wall mounted
Has Cooling Coils	ALN	Yes, No	Does the unit of cooling coils?
Has Heating Coils	ALN	Yes, No	Does the unit of heating coils?
Heating Coils	ALN	N/A	Hot Water, Steam, Electric
Cooling Coils	ALN	N/A	Chilled Water, DX
CFM	Numeric	CFM	Volume of air flow
Tonnage	Numeric	TONS	Cooling rating
BTU	Numeric	BTU	Heating rating
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the Component
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase

Attribute	Data Type	Unit	Domain / Range of Values
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
Number of Filters	Numeric	EA	Total number of filters in unit
Filter Size	N/A	N/A	Dimensions of filter
Filter MERV Rating	Numeric	N/A	Density of filter media
Has VFD	N/A	Yes, No	Does the unit have a VFD?
Has Condensate Pump	N/A	Yes, No	Does the unit have a Condensate Pump?
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D302090 HEATING SYSTEM SUPPLEMENTARY COMPONENTS

Description: Other supplemental components such as instrumentation with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D30209003	Meters and Gages	HSM
D30209004	General-Duty Valves	HGV
D30209012	Instrumentation and Control	HIC

D30209013 HOT WATER DISTRIBUTION SYSTEM PUMPS

Description: Hot water distribution pumps with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30209013	Hot Water Distribution System Pump	HWP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184,

Attribute	Data Type	Unit	Domain / Range of Values
			184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

D303010 CENTRAL COOLING

Description: Centralized cooling generating equipment such as chiller with following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30301001	Refrigerant Compressors	RCP
D30301002	Refrigerant Condensers	RCO
D30301003	Packaged Compressor and Condenser Units	CCU
D30301004	Water Chillers	WCH
D30301005	Air Cooled Chiller Unit	ACU

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System Description	ALN	N/A	A narrative description of the entity
Tonnage	Numeric	TONS	Cooling rating in tons
Max. Steam Capacity	Numeric	LBS	Maximum Steam Capacity in lbs/hr
Motor Amps	Numeric	AMPS	Motor Amperage
Motor Volts	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	Numeric	N/A	1 Phase, 3 Phase
Power Consumption	Numeric	KW	Total power consumption of the chiller
Power Source	ALN	N/A	Electric, steam, etc.

D30301005 COOLINGTOWERS

Description: Cooling tower supplying to central cooling systems with following Unifomat code. Attributes to be developed.

Unifomat Code	Asset Description	Asset Code
D30301005	Cooling Towers	CGT

D303050 THERMAL COOLING STORAGE

Description: Thermal storage systems to offset peak demand load with following Unifomat code. Attributes to be developed.

Unifomat Code	Asset Description	Asset Code
D30305001	Chilled-Water Thermal Storage	CWS
D30305002	Ice Storage	IST

D303070 DECENTRALIZED COOLING

Description: Decentralized cooling equipment such as split units that are not tied to a central system equipment with the following Unifomat code.

Unifomat Code	Asset Description	Asset Code
D30307001	Air-Conditioners	ARC
D30307002	Packaged Terminal Air-Conditioners	TAC
D30307003	Room Air-Conditioners	RAC
D30307004	Self-Contained Air-conditioners	SAC
D30307005	Computer-Room Air-Conditioners	CRC
D30307006	Split-System Air-Conditioners	SSC
D30307007	Unitary Heat Pumps	UHP
D30307008	Air-Source Heat Pumps	AHP
D30307009	Water-Source Heat Pumps	WHP
D30307010	Convection Cooling Units	CVC
D30307011	Valance Cooling Units	VCU
D30307012	Chilled Beams	CBC
D30307013	Air Coils	CAC
D30307014	Fan Coil Units	CFC
D30307015	Unit Ventilators	CUV
D30307016	Induction Units	CIU
D30307017	Convectors	DCC
D30307018	Preconditioned Air Unit	PAC

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Tonnage	Numeric	TONS	Cooling rating
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Cooling Method	ALN	N/A	Chilled Water(CW) or Refrigerant(DX)
Belt Size	ALN	N/A	Size of belt

Description: Cooling components such as condensing units with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30307019	Condensing Unit	CDU

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Cooling Type	ALN	N/A	Air cooled, Water cooled
Tonnage	Numeric	TONS	Capacity of condenser

D303090 COOLING SYSTEM SUPPLEMENTARY COMPONENTS

Description: Cooling system supplementary components such as valved and controls with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D30309004	General-Duty Valves	CSV
D30309012	Instrumentation and Control	CIC

D303090 COOLING SYSTEM SUPPLEMENTARY COMPONENTS

Description: Cooling system supplementary components such as various pumps with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30309013	Chilled Water Distribution System Pump	CWP
D30309014	Glycol Distribution System Pump	GWP
D30309015	Water Filter System	WFS
D30309016	Condenser Water Pump	DWP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches

Attribute	Data Type	Unit	Domain / Range of Values
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

D305010 FACILITY HYDRONIC DISTRIBUTION

Description: Hydronic equipment such as hydronic pumps with the following Unifomat code.

Unifomat Code	Asset Description	Asset Code
D30501013	Hydronic Pumps	HYP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches

Attribute	Data Type	Unit	Domain / Range of Values
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

D305030 FACILITY STEAM DISTRIBUTION

Description: Steam equipment such as hydronic pumps with the following Uniformat code

Uniformat Code	Asset Description	Asset Code
D30503008	Steam Condensate Pumps	SCP

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Pump, Motor, Fitting, ...
Coupling Bore Size	Numeric	IN	Coupling Bore Size in Inches

Attribute	Data Type	Unit	Domain / Range of Values
GPM	Numeric	GPM	Gallons Per Minute
Head Pressure	Numeric	FEET	Head Pressure in Feet
Impeller Diameter	Numeric	IN	Diameter of the Impeller in Inches
Keyway Size	Numeric	IN	Keyway Size in Inches
Material	ALN	N/A	Material
Mechanical Seal ID	Numeric	IN	Mechanical Seal identifier in inches
Motor Horse Power	Numeric	HP	Motor HP rating
Mounting Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Manufacturer	Text	N/A	Select from list of motor manufacturers
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Power Source	ALN	N/A	Electric, Gasoline, Diesel, Hydraulic, Pneumatic, Other
Motor Serial Number	Var	N/A	Unique identifier for the Component
Motor Voltage	Number	volts	Operating voltage for the motor
NEMA Designation	Combo	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof
Pump Manufacturer	ALN	N/A	Select from list of pump manufacturers
Radial Bearing ID	Number	inches	Radial Bearing ID
RPM	Number	rpm	Maximum rpm
Size	Number	inches	Flange size
Thrust Bearing ID	Number	inches	Thrust Bearing ID

Description: Steam equipment such as tanks with the following Uniformat code

Uniformat Code	Asset Description	Asset Code
D30503011	Steam Condensate Tank	SCT

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Capacity	Numeric	gallons	Fuel tank capacity in gallons

D305050 HVAC AIR DISTRIBUTION

Description: HVAC air distribution equipment such as AHUs with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30505010	Air-Handling Units	AHU
D30505011	Indoor Central-Station Air-Handling Units	IHU
D30505012	Packaged Outdoor HVAC Equipment	OHV
D30505013	Custom-Packaged Outdoor HVAC	COH
D30505016	HVAC Fans	HVF
D30505020	Air Terminal Units	ATU
D30505027	Makeup Air Unit	MAU

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Single Zone, Multi Zone
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Has Cooling Coils	ALN	Yes No	Does the unit have cooling coils?
Has Heating Coils	ALN	Yes No	Does the unit have heating coils?
Heat System Type	ALN	N/A	None, Electric, Steam, Hot Fluid
Number Of VAV Boxes	Numeric	EA	Number Of VAV Boxes
CFM	Numeric	CFM	Volume of air flow
Tonnage	Numeric	TONS	Cooling rating
BTU	Numeric	BTU	Heating rating
Motor Manufacturer	ALN	N/A	Motor Manufacturer
Motor Serial Number	ALN	N/A	Unique identifier for the Component
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
Return Fan Type	ALN	N/A	Double Inlet, Horizontal Plenum, Vertical Plenum
Supply Fan Type	ALN	N/A	Double Inlet, Horizontal Plenum, Vertical Plenum
Return Fan Size	Numeric	N/A	Fan Size
Return Fan Class	ALN	N/A	1,2,3,4

Attribute	Data Type	Unit	Domain / Range of Values
Supply Fan Size	Numeric	N/A	Fan Size
Supply Fan Class	ALN	N/A	1,2,3,4
Return Belt Tension	Numeric	LBS	Belt Tension
Supply Belt Tension	Numeric	LBS	Belt Tension
Number of Filters	Numeric	EA	Total number of filters in unit
Filter Size	N/A	N/A	Dimensions of filter
Filter MERV Rating	Numeric	N/A	Density of filter media
Number of VFDs	Numeric	EA	Number of VFDs associated with unit
Has UV Lights	N/A	Yes, No	Does the unit have UV lighting?
Has Ionization	N/A	Yes, No	Does the unit have Ionization?
Has PCO (Photo Catalytic Oxidation)	N/A	Yes, No	Does the unit have PCO?
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D305090 FACILITY DISTRIBUTION SYSTEMS SUPPLEMENTARY COMPONENTS

Description: Supplementary air distribution components such as meters, valves and controls with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D30509004	Meters and Gages	MTR
D30509005	General-Duty Valves	TMV
D30509014	Instrumentation and Control	DSI

D3060 VENTILATION

Description: Ventilation equipment such as fans hoods with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D30601001	Supply Air HVAC Fans	SFU
D30601006	Supply Air Outlets	SAO
D30601006	Pressurization Fan Unit	PFU
D30602001	Return Air HVAC Fans	RHF
D30603001	Special Exhaust Systems	SXS
D30603002	Air-Borne Particulate Collection Systems Sawdust Collection Systems	CSS
D30603003	Engine Exhaust Systems	EES
D30603004	Ventilation Hoods	VTH
D30603005	Commercial Kitchen Hoods	CKH
D30603006	Fume Hood Exhaust	FHE
D30603007	Exhaust Air HVAC Fans	EXF

Uniformat Code	Asset Description	Asset Code
D30604001	Outside Air HVAC Fans	OHF
D30609010	Instrumentation and Control	VIC

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	axial, centrifugal, propeller, centrifugal, mixed flow, utility
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
CFM	Numeric	CFM	Air flow volume (design)
Use	ALN	N/A	Exhaust, Supply
Fan Size	Numeric	IN	Size if fan in inches
RPM	Numeric	RPM	Maximum RPM
Mount Type	ALN	N/A	anti-vibration, base mount, close coupled, flange mounted, horizontal mount, in-line mount, roof mount, suspended, vertical mount, wall mount, floor mounted, wall mounted
Motor Manufacturer	ALN	N/A	Select from list of motor manufacturers
Motor Serial Number	ALN	N/A	Unique identifier for the motor
Motor Frame Size	ALN	N/A	48, 56, 143, 143T, 145, 145T, 182, 182T, 184, 184T, 203, 204, 213, 213T, 215, 215T, 224, 225, 254, 254U, 254T, 256U, 256T, 284, 284U, 284T, 284TS, 286U, 286T, 286TS, 324, 324U, 324S, 324T, 324TS, 326, 326U, 326S, 326T, 326TS, 364, 364S, 364U, 364US, 364T, 364TS, 365, 365S, 365U, 365US, 365T, 365TS, 404, 404S, 404U, 404US, 404T, 404TS, 405, 405S, 405U, 405US, 405T, 405TS, 444, 444S, 444U, 444US, 444T, 444TS, 445, 445S, 445U, 445US, 445T, 445TS, 447TS, 449TS, 504U, 505, 505S
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horsepower	Numeric	HP	Motor HP rating
NEMA Designation	ALN	N/A	Drip proof, Splash proof, Totally enclosed fan cooled, Water proof, Explosion proof

D401010 WATER-BASED FIRE-SUPPRESSION

Description: Water based fire suppression system such as various sprinkler systems with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D40101006	Fire Pumps	FPM
D40101008	Fire-Suppression Standpipes	STP
D40101009	Fire-Suppression Sprinkler Systems	FSS
D40101010	Wet-Pipe Sprinkler Systems	WSS

Uniformat Code	Asset Description	Asset Code
D40101011	Dry-Pipe Sprinkler Systems	DSS
D40101012	Preaction Sprinkler Systems	PSS
D40101013	Combined Dry-Pipe and Preaction Sprinkler Systems	COS
D40101014	Deluge Fire-Suppression Sprinkler Systems	DFS
D40101015	Water Spray Fixed Systems	WSF
D40101016	Antifreeze Sprinkler Systems	AFS
D40101017	Foam-Water Systems	FWS

D401050 FIRE-EXTINGUISHING

Description: Fire extinguishing system such as various chemical based extinguishing systems with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D40105001	Carbon-Dioxide Fire-Extinguishing Systems	COD
D40105002	Clean-Agent Fire-Extinguishing Systems	CAF
D40105003	Wet-Chemical Fire-Extinguishing Systems	WCE
D40105004	Dry-Chemical Fire-Extinguishing Systems	DCE

D401090 FIRE SUPPRESSION SUPPLEMENTARY COMPONENTS

Description: Fire suppression supplementary components such as valves and controls with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D40109004	Meters and Gages	FSM
D40109005	General-Duty Valves	FGV
D40109011	Instrumentation and Control	FSI
D40109012	Backflow Preventer	FBP

D4030 FIRE PROTECTION SPECIALTIES

Description: Fire Protection Specialties such as cabinets and extinguishers with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D403010	Fire Protection Cabinets	FHC
D403030	Fire Extinguishers	FXH

D501010 PACKAGED GENERATOR ASSEMBLIES

Description: Packaged generator equipment such as engine generators with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D50101001	Engine Generators	EGG
D50101002	Steam-Turbine Generators	STG
D50101003	Hydro-Turbine Generators	HTG

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Current Type	ALN	N/A	AC, DC
Fuel Type	ALN	N/A	Gasoline, Diesel, Propane, Other
Kilowatts	Numeric	KVA	Total generator capacity
Voltage	ALN	N/A	120/208, 120/240, 277/480, 2400/4160
Phase	ALN	N/A	1 Phase, 3 Phase

Attributes for the following equipment to be developed.

Uniformat Code	Asset Description	Asset Code
D50101004	Wind Energy Equipment	WEE
D50101005	Frequency Converters	FQC
D50101006	Rotary Converters	RTC

Description: Uninterruptible power systems with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D50101007	Uninterruptible Power Systems	UPS

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Current Type	ALN	N/A	AC, DC
Kilowatts	Numeric	KVA	Total generator capacity
Voltage	ALN	N/A	120/208, 120/240, 277/480, 2400/4160
Phase	ALN	N/A	1 Phase, 3 Phase

D501020 BATTERY EQUIPMENT

Description: Battery equipment such as racks converter etc. with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
----------------	-------------------	------------

Uniformat Code	Asset Description	Asset Code
D50102001	Batteries	BTT
D50102002	Battery Racks	BRK
D50102003	Battery Units	BTU
D50102004	Central Battery Equipment	CBE
D50102005	Static Power Converters	SPC
D50102006	Battery Chargers	BTC
D50102007	Battery Monitoring	BTM
D50102008	Static Uninterruptible Power Supply	SPS

Description: Inverter units and battery packs with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D50102009	Inverter Units with Battery Packs	IBP

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Current Type	ALN	N/A	AC, DC
Kilowatts	Numeric	KVA	Total generator capacity
Voltage	ALN	N/A	120/208, 120/240, 277/480, 2400/4160
Phase	ALN	N/A	1 Phase, 3 Phase

D501060 POWER FILTERING AND CONDITIONING

Description: Power filtering and conditioning equipment such as capacitors, filters etc. with the following Uniformat code. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D50106001	Capacitors	CAP
D50106002	Chokes and Inductors	CHI
D50106003	Electromagnetic-Interference Filters	EIF
D50106004	Harmonic Filters	HFT
D50106005	Power Factor Correction Equipment	PFC
D50106006	Slip Controllers	SLC
D50106007	Static-Frequency Converters	SFC
D50106008	Radio-Frequency-Interference Filters	RFF
D50106009	Voltage Regulators	VRG

D501070 TRANSFER SWITCHES



Description: Automatic transfer switches with the following Unifomat code. Attributes to be developed.

Unifomat Code	Asset Description	Asset Code
D50107001	Automatic Transfer Switches	ATS

D501090 FACILITY POWER GENERATION SUPPLEMENTARY

Description: Power generation supplementary equipment with the following Unifomat code. Attributes to be developed.

Unifomat Code	Asset Description	Asset Code
D50109010	Instrumentation and Control	PGI

D502010 ELECTRICAL SERVICE

Description: Electrical service equipment such as transformers and substations with the following Unifomat code.

Unifomat Code	Asset Description	Asset Code
D50201001	Electricity Metering	ELM
D50201002	Substations	SBS

Description: Interior Transformer with the following Unifomat code.

Unifomat Code	Asset Description	Asset Code
D50201003	Transformers	XFR

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Dry, Oil
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Mounting	ALN	N/A	Floor, Wall/Ceiling, Grade
High Side Voltage	Numeric	VOLTS	High side voltage
Low Side Voltage	Numeric	VOLTS	Low side voltage
Current Capacity Rating	Numeric	AMPS	Current capacity rating
Step Down Voltage	Numeric	VOLTS	Step Down Voltage

Description: Electrical service equipment such as switch gear with the following Unifomat code. Attributes to be developed.

Unifomat Code	Asset Description	Asset Code
D50201004	Switchgear and Switchboards	SSW
D50201005	Protection Devices	PDV

D502030 POWER DISTRIBUTION

Description: Power distribution equipment such as switchboards and panel boards with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D50203002	Switchboards	SWB
D50203003	Panelboards	EDP

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
High Side Voltage	Numeric	VOLTS	High Side Voltage
Amps	Numeric	AMPS	Amperage
Sections	Numeric	EA	Number of sections of switchgear
Switches, qty	Numeric	EA	Number of switches
Spaces, qty	Numeric	EA	Total quantity of spaces

Description: Power distribution equipment such as motor control center with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D50203004	Motor-Control Centers	MCC

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Voltage	Numeric	VOLTS	Voltage
Current Capacity Rating	Numeric	AMPS	Current Capacity Rating
Switches, qty	Numeric	EA	Number of breaker switches
Spares, qty	Numeric	EA	Number of spare slots
Spaces, qty	Numeric	EA	Total quantity of spaces

Description: Power distribution equipment such as electric regulators with the following Uniformat code.

Uniformat Code	Asset Description	Asset Code
D50203006	Distribution Equipment	PDE
D50203013	Electric Regulator	ERG

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Frequency	ALN	Hz	In Hertz (Hz)

Attribute	Data Type	Unit	Domain / Range of Values
Type	ALN	N/A	Typically D=Air Cooled, O=Oil Cooled
Kilowatts	Numeric	KVA	Total generator capacity
Input Voltage	Numeric	VOLTS	Voltage
Output Step Current	Numeric	AMPS	In Amps
Temperature Range	Numeric	°F	Temperature -40°F to +131°F

Description: Power distribution equipment such as ground power unit with the following Unifomat code.

Unifomat Code	Asset Description	Asset Code
D50203014	Ground Power Unit	GPU

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Voltage	Numeric	VOLTS	Panel voltage 120, 240
Phase	ALN	N/A	1 Phase, 3 Phase
Type	ALN	N/A	Apron Drive, Radial, Fixed Pedestal, Elevated "T", Standard Drive, Single Motor High Drive Round Tube, Single Motor High Drive Square Tube

D502090 ELECTRICAL SERVICE AND DISTRIBUTION SUPPLEMENTARY COMPONENTS

Description: Electrical service and distribution supplementary components such as instrumentation and controls with the following Unifomat code. Attributes to be developed.

Unifomat Code	Asset Description	Asset Code
D50209011	Instrumentation and Control	EDI
D50309010	Instrumentation and Control	EPI

D5040 LIGHTING

Description: Lighting equipment and control system and devices with following Unifomat Codes. Attributes to be developed.

Unifomat Code	Asset Description	Asset Code
D50401001	Lighting Control Devices	LCD
D50401002	Lighting Control Panels	LCP
D50401003	Central Dimming Control	CDC
D50401004	Modular Dimming Control	MDC
D50401005	Network Lighting Control	NLC
D50405001	Interior Lighting	ILT

Uniformat Code	Asset Description	Asset Code
D50405002	Emergency Lighting	ELT
D50405003	Exit Signs	EXS
D50405004	Classified Location Lighting	CLL
D50405005	Special Purpose Lighting	SPL
D50405006	Outline Lighting	OLT
D50405007	Underwater Lighting	ULT
D50405008	Hazard Warning Lighting	HWL
D50405009	Obstruction Lighting	OBL
D50405010	Helipad Lighting	HPL
D50405011	Security Lighting	SCL
D50405012	Display Lighting	DPL
D50405013	Theatrical Lighting	THL
D50405014	Detention Lighting	DTL
D50405015	Healthcare Lighting	HHL
D50409010	Instrumentation and Control	LTI
D50809009	Instrumentation and Control	EIC

D7050 DETECTION AND ALARM

Description: Detection and alarm equipment with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D70501002	Digital, Addressable Fire-Alarm Systems	DFA
D70501003	Zoned Fire-Alarm Systems	ZFA
D70501004	Fire Detection and Alarm Control, GUI and Logic Systems	FAC
D70501005	Fire Detection and Alarm Annunciation Panels and Fire Stations	FAP
D70501006	Fire Detection and Alarm Interfaces	FAI
D70502002	Radiation Detection and Alarm Control, GUI and Logic Systems	RDL
D70502003	Radiation Detection and Alarm Integrated Audio Evacuation Systems	RDE
D70503002	Fuel-Gas Detection and Alarm Control, GUI and Logic Systems	GDL
D70503003	Fuel-Gas Detection and Alarm Integrated Audio Evacuation Systems	GDE
D70505002	Refrigeration Detection and Alarm Control, GUI and Logic Systems	RFL
D70505003	Refrigeration Detection and Alarm Integrated Audio Evacuation Systems	RFE
D70506002	Water Detection and Alarm Control, GUI and Logic Systems	WDL

D7070 ELECTRONIC MONITORING AND CONTROL

Description: Electronic monitoring and controls equipment with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D70701001	Hard-Wired Detention Monitoring and Control Systems	HWC
D70701002	Relay-Logic Detention Monitoring and Control Systems	RLC
D70701003	PLC Electronic Detention Monitoring and Control Systems	PMC
D70701004	Computer-Based Detention Monitoring and Control Systems	CMC
D70701005	Discreet-Logic Detention Monitoring and Control Systems	DMC
D70701006	Discreet-Distributed Intelligence Detention Monitoring and Control Systems	DID

D8010 INTEGRATED AUTOMATION FACILITY CONTROLS

Description: Integrated automation facility controls with following Uniformat Codes .Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
D801010	Integrated Automation Control of Equipment	ICE
D801020	Integrated Automation Control of Conveying Equipment	IAD
D801030	Integrated Automation Control of Fire-Suppression Systems	IAF
D801040	Integrated Automation Control of Plumbing Systems	IAP
D801050	Integrated Automation Control of HVAC Systems	IAH
D801060	Integrated Automation Control of Electrical Systems	IAE
D801070	Integrated Automation Control of Communication Systems	IAC
D801080	Integrated Automation Control of Electronic Safety and Security Systems	IAS
D801090	Integrated Automation Supplementary Components	IAM

E101050 LOADING DOCK EQUIPMENT

Description: Loading dock equipment required to load and unload trucks with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
E10105003	Loading Dock Levelers	LDV
E10105004	Loading Dock Lifts	LDL

E101070 INTERIOR PEDESTRIAN CONTROL EQUIPMENT

Description: Interior Pedestrian Control Equipment such as gates with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
E10107001	Interior Pedestrian Gates	IPG

E103040 MAINTENANCE EQUIPMENT

Description: Facility cleaning equipment such as carts with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
E10304001	Floor and Wall Cleaning Equipment	FWC
E10304002	Housekeeping Carts	HKC
E10304003	Vacuum Cleaning Systems	VCS
E10304004	Window Washing Systems	WWS

E103080 FOODSERVICE EQUIPMENT

Description: Food preparation, cleaning and serving equipment with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
E10308001	Food Storage Equipment	FSE
E10308002	Refrigerated Food Storage Cases	RFS
E10308003	Walk-In Coolers	WCL
E10308004	Walk-In Freezers	WFR
E10308005	Food Service Shelving	FSV
E10308006	Food Preparation Equipment	FPE
E10308007	Food Delivery Carts and Conveyors	FCC
E10308008	Food Delivery Carts	FDC
E10308009	Food Delivery Conveyors	FDY
E10308010	Food Cooking Equipment	FCE
E10308011	Commercial Ranges	CRG
E10308012	Commercial Ovens	COV
E10308013	Food Dispensing Equipment	FDE
E10308014	Bar Equipment	BEQ
E10308015	Service Line Equipment	SLE
E10308016	Soda Fountain Equipment	SFE
E10308017	Ice Machines	ICM



Uniformat Code	Asset Description	Asset Code
E10308018	Cleaning and Disposal Equipment	CDE
E10308019	Commercial Dishwashers	CDW

E103080 SOLID WASTE HANDLING EQUIPMENT

Description: Waste handling, processing and recycling equipment with following Uniformat Codes.

Uniformat Code	Asset Description	Asset Code
E10901003	Incinerators	INC
E10901004	Recycling Equipment	RCY
E10901005	Waste Compactors and Destructors	TRC
E10901006	Composting Equipment	CMP
E10901007	Facility Waste Shredders	WSH
E10901008	Facility Waste Balers	FWB

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	Unique id for the entity CBB###
System Description	ALN	N/A	A narrative description of the entity
System Type	ALN	N/A	Vertical or Horizontal
Bale Size	Numeric	IN	Bale size
Bale Volume	Numeric	CU FT	Bale Volume
Cycle Time	Numeric	SEC	Cycle Time
RPM	Numeric	RPM	Maximum RPM
Gallons Per Minute	Numeric	GPM	Gallons Per Minute
System Pressure	Numeric	PSI	Maximum PSI
Ram Face Pressure	Numeric	PSI	Maximum PSI
Overall Platen Force	Numeric	LBS	Overall Platen Force
Oil Capacity	Numeric	GAL	Oil Capacity
Cylinder Bore	Numeric	IN	Cylinder bore size
Cylinder Rod	Numeric	IN	Cylinder rod size
Cylinder Stroke	Numeric	IN	Cylinder stroke length
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Phases	ALN	N/A	1 Phase, 3 Phase
Motor Amps	Numeric	AMPS	Current draw for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
Motor Quantity	Numeric	EA	Number of motors

F105020 INTERIOR FOUNTAINS

Description: Interior fountain equipment with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
F10502005	Interior Fountain Pumps	IFP
F10502006	Interior Fountain Equipment Controls	IFC

G202080 EXTERIOR PARKING CONTROL EQUIPMENT

Description: Parking control equipment such as parking gates with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
G20208005	Exterior Parking Gates	EPG

G203080 EXTERIOR PEDESTRIAN CONTROL EQUIPMENT

Description: Pedestrian control equipment such as gates with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
G20308001	Exterior Pedestrian Gates	EDG

G204010 AVIATION PAVEMENT

Description: Aviation related pavement and surfacing with following Uniformat Codes.

Uniformat Code	Asset Description	Asset Code
G20401001	Aviation Pavement Base Courses	APB
G20401002	Flexible Aviation Pavement	FAP
G20401003	Rigid Aviation Pavement	RAP
G20401004	Aviation Aggregate Surfacing	AAS

Attribute	Data Type	Unit	Domain / Range of Values
Taxiway Description	ALN	N/A	A narrative description of the entity
Taxiway Type	ALN	N/A	Way, Lane
Surface Type	ALN	N/A	Asphalt, Concrete, other
Thickness	Numeric	IN	Thickness of the wearing course
Width	Numeric	FEET	Average
Length	Numeric	FEET	Length

G204040 AVIATION PAVEMENT APPURTENANCES

Description: Aviation pavement appurtenances such as marking, signage with following Uniformat Codes.

Uniformat Code	Asset Description	Asset Code
G20404001	Airfield Pavement Markings	APV
G20404002	Pavement Snow Melting Systems	PSM
G20404003	Airfield Traffic Signage	SAT

Attribute	Data Type	Unit	Domain / Range of Values
System (Parent) ID	Numeric	N/A	System generated unique id for the entity barcode
System Description	ALN	N/A	A narrative description of the entity
System Type	ALN	N/A	Paint, Tape, Raised Pavement Marker (RPM)
Number of fixtures	Numeric	EA	Number of light fixtures
Fixture Type	ALN	N/A	Elevated, in-pavement, Edge
Voltage	Numeric	VOLTS	Voltage of the system

G204080 AIRFIELD SIGNALING AND CONTROL EQUIPMENT

Description: Airfield signaling and control equipment with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
G20408002	Airfield Landing Equipment	ALE
G20408003	Airfield Traffic Control Tower Equipment	ATC
G20408004	Weather Observation Equipment	WOE
G20408005	Airfield Control Equipment	ACE

G206020 FENCES AND GATES

Description: Gates and fences and gate equipment with following Uniformat Codes.

Uniformat Code	Asset Description	Asset Code
G20602003	Gate Operators	GOP
G20602004	Chain Link Fences and Gates	CLF
G20602005	Welded Wire Fences and Gates	WWF
G20602006	Decorative Metal Fences and Gates	DMF
G20602007	Plastic Fences and Gates	PFG
G20602008	Wire Fences and Gates	WFG
G20602009	Wood Fences and Gates	WDF

Attribute	Data Type	Unit	Domain / Range of Values
Fence/Gate Description	ALN	N/A	A narrative description of the entity
Airfield Security	ALN	Y/N	Is the fence for Airfield security?
Gate Type	ALN	N/A	Arm, Crash, Draw, Rolling, Swing, Vertical
Fence Type	ALN	N/A	Chain link, architectural, other
Length	Numeric	FEET	Total length of the gate
Height	Numeric	FEET	Average height of fencing
Motorized	Numeric	Y/N	Is the gate motorized?
Motor Voltage	Numeric	VOLTS	Operating voltage for the motor
Motor Horse Power	Numeric	HP	Motor HP rating
Motor Phase	ALN	N/A	1 Phase, 3 Phase
Controller	ALN	N/A	Select from list of controller manufacturers

Attribute	Data Type	Unit	Domain / Range of Values
Manufacturer			
Security Wire	ALN	N/A	Razor wire, Galvanized 4 point barb wire, Permafuse 4 point barb wire, None

G301010 SITE DOMESTIC WATER DISTRIBUTION

Description: Site domestic water distribution equipment such following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
G30101005	Water Distribution Equipment	UWE
G30101006	Water Service Connections	UWC
G30101007	Water Distribution Valves	UWV
G30101008	Fire Hydrants	UFH
G30101009	Water Pumping Stations	WPS
G30101016	Backflow Preventer	UWP

G3010130 SITE FIRE PROTECTION WATER DISTRIBUTION

Description: Site fire protection water distribution equipment with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
G30103004	Water Distribution Equipment	UFE
G30103005	Water Service Connections	UFC
G30103006	Water Distribution Valves	UFV
G30103007	Fire Hydrants	FFH
G30103008	Water Pumping Stations	FWP

G3010150 SITE IRRIGATION WATER DISTRIBUTION

Description: Site irrigation water distribution equipment with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
G30105005	Water Distribution Equipment	IWE
G30105006	Water Service Connections	IWC
G30105007	Water Distribution Valves	IDV
G30105008	Water Pumping Stations	IPS

G3020 SANITARY SEWERAGE UTILITIES

Description: Sanitary sewerage utilities equipment with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
G30204002	Septic Tank Effluent Pumps	SEP
G30205003	Sewer Lift Stations	SLS

G3060 SITE FUEL DISTRIBUTION

Description: Site fuel distribution tanks and equipment with following Uniformat Codes.

Uniformat Code	Asset Description	Asset Code
G30601005	Compressed Gases Storage Tanks	CST
G30602003	Fuel-Oil Pumps	FOP
G30602004	Fuel-Oil Storage Tanks	OST
G30603003	Gasoline Pumps	GSP
G30603004	Gasoline Storage Tanks	GST
G30604003	Diesel Fuel Pumps	DFP
G30604004	Diesel Fuel Storage Tanks	DST
G30606003	Aviation Fuel Pumps	AFP
G30606005	Aviation Fuel Storage Tanks	AST

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Fuel Type	ALN	N/A	Jet A-1, Jet-B, Avgas, Diesel, Gasoline, CNG
Capacity	Numeric	gallons	Fuel tank capacity in gallons

G3090 LIQUID AND GAS SITE UTILITIES SUPPLEMENTARY COMPONENTS

Description: Liquid and gas site utilities supplementary components with following Uniformat Codes. Attributes to be developed.

Uniformat Code	Asset Description	Asset Code
G30901003	Utility Structures	UTS
G30901007	Instrumentation and Control	GIC

G4010 SITE ELECTRIC DISTRIBUTION SYSTEMS

Description: Liquid and gas site utilities supplementary components with following Uniformat Codes.

Uniformat Code	Asset Description	Asset Code
G40102005	Transmission and Distribution Equipment	TDE
G401040	Electrical Transformers	EFR

Attribute	Data Type	Unit	Domain / Range of Values
Component Description	ALN	N/A	A narrative description of the entity
Component Type	ALN	N/A	Dry, Oil
System (Parent) ID	Numeric	N/A	The system (parent) ID that the component is associated to
Mounting	ALN	N/A	Floor, Wall/Ceiling, Grade
High Side Voltage	Numeric	VOLTS	High side voltage
Low Side Voltage	Numeric	VOLTS	Low side voltage
Current Capacity Rating	Numeric	AMPS	Current capacity rating
Step Down Voltage	Numeric	VOLTS	Step Down Voltage

APPENDIX A: ASTM UNIFORMAT 2010 CLASSIFICATION OF BUILDING ELEMENTS (LAWA STANDARD)

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT						
1	2	3	4	5								
A					SUBSTRUCTURE							
					Facility Substructure Performance Requirements	01	82	00				
A	10				FOUNDATIONS							
					Foundations Performance Requirements	01	82	13				
					Load Capacity	01	82	13				
					Settlement	01	82	13				
A	10	10			Standard Foundations							
A	10	10	10		Wall Foundations							
A	10	10	10	01	Continuous Footings							
A	10	10	10	02	Cast-In-Place Concrete	03	30	00				
A	10	10	10	03	Foundation Walls							
A	10	10	10	04	Cast-In-Place Concrete	03	30	00				
A	10	10	10	05	Precast Concrete	03	40	00				
A	10	10	10	06	Unit Masonry	04	20	00				
A	10	10	10	07	Treated Wood Foundations	06	14	00				
A	10	10	30		Column Foundations							
A	10	10	30	01	Spread Footings							
A	10	10	30	02	Cast-In-Place Concrete	03	30	00				
A	10	10	30	03	Column Piers							
A	10	10	30	04	Cast-In-Place Concrete	03	30	00				
A	10	10	90		Standard Foundation Supplementary Components							

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
A	10	10	90	01	Void Forms	03	11	00			
A	10	10	90	02	Dampproofing	07	11	00			
A	10	10	90	03	Insulation	07	21	00			
A	10	20			Special Foundations	31	60	00			
A	10	20	10		Driven Piles	31	62	00			
A	10	20	15		Bored Piles	31	63	00			
A	10	20	20		Caissons	31	64	00			
A	10	20	30		Special Foundation Walls	31	66	16			
A	10	20	40		Foundation Anchors	31	68	00			
A	10	20	50		Underpinning	31	48	00			
A	10	20	60		Raft Foundations	03	71	00			
A	10	20	60	01	Cast-In-Place Concrete	03	30	00			
A	10	20	70		Pile Caps						
A	10	20	70	01	Cast-In-Place Concrete	03	30	00			
A	10	20	80		Grade Beams						
A	10	20	80	01	Cast-In-Place Concrete	03	30	00			
A	20				SUBGRADE ENCLOSURES						
					Basement Construction Performance Requirements	01	82	16			
					Thermal Resistance	01	82	16			
					Lateral Earth Pressures	01	82	16			
					Water Vapor Transmission Resistance	01	82	16			
A	20	10			Walls for Subgrade Enclosures						
A	20	10	10		Subgrade Enclosure Wall Construction						
A	20	10	10	01	Cast-In-Place Concrete	03	30	00			
A	20	10	10	02	Precast Concrete	03	40	00			
A	20	10	10	03	Unit Masonry	04	20	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
A	20	10	20		Subgrade Enclosure Wall Interior Skin						
A	20	10	20	01	Plaster and Gypsum Board	09	20	00			
A	20	10	90		Subgrade Enclosure Wall Supplementary Components						
A	20	10	90	01	Dampproofing	07	11	00			
A	20	10	90	02	Waterproofing	07	10	00			
A	20	10	90	03	Insulation	07	20	00			
A	20	10	90	04	Vapor Retarder	07	26	00			
A	40				SLABS-ON-GRADE						
					Slabs-On-Grade Performance Requirements	01	82	00			
					Load Capacity	01	82	00			
					Thermal Resistance	01	82	00			
					Water Vapor Transmission Resistance	01	82	00			
					Levelness	01	82	00			
A	40	10			Standard Slabs-on-Grade						
					Cast-In-Place Concrete	03	30	00			
A	40	20			Structural Slabs-on-Grade						
					Cast-In-Place Concrete	03	30	00			
A	40	30			Slab Trenches						
					Cast-In-Place Concrete	03	30	00			
A	40	40			Pits and Bases						
					Cast-In-Place Concrete	03	30	00			
A	40	90			Slab-On-Grade Supplementary Components						
A	40	90	10		Perimeter Insulation	07	21	00			
A	40	90	20		Vapor Retarder	07	26	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
A	40	90	30		Waterproofing	07	10	00			
A	40	90	50		Mud Slab	03	30	00			
A	40	90	60		Subbase Layer	31	23	23			
A	60				WATER AND GAS MITIGATION						
A	60	10			Building Subdrainage	33	46	00			
					Subdrainage Systems Performance Requirements	01	82	00			
A	60	10	10		Foundation Drainage	33	46	13			
A	60	10	20		Underslab Drainage	33	46	19			
A	60	20			Off-Gassing Mitigation	31	21	00			
					Off-Gassing Mitigation Performance Requirements						
A	60	20	10		Radon Mitigation	31	21	13			
A	60	20	50		Methane Mitigation	31	21	16			
A	90				SUBSTRUCTURE RELATED ACTIVITIES						
A	90	10			Substructure Excavation	31	23	16			
A	90	10	10		Backfill and Compaction	31	23	23			
A	90	10	10	01	Backfill and Compaction Performance	01	82	00			
A	90	10	10	02	Compaction	01	82	00			
A	90	20			Construction Dewatering	31	23	19			
					Construction Dewatering Performance Requirements						
A	90	30			Excavation Support	31	50	00			
					Excavation Support Performance Requirements	01	82	00			
					Lateral Earth Pressures	01	82	00			
A	90	30	10		Anchor Tiebacks	31	51	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
A	90	30	10	01	Excavation Soil Anchors	31	51	13			
A	90	30	10	02	Excavation Rock Anchors	31	51	16			
A	90	30	20		Cofferdams	31	52	00			
A	90	30	20	01	Sheet Piling Cofferdams	31	52	13			
A	90	30	20	02	Timber Cofferdams	31	52	16			
A	90	30	20	03	Precast Concrete Cofferdams	31	52	19			
A	90	30	40		Cribbing and Walers	31	53	00			
A	90	30	40	01	Timber Cribwork	31	53	13			
A	90	30	60		Ground Freezing	31	54	00			
A	90	30	70		Slurry Walls	31	56	00			
A	90	30	70	01	Bentonite Slurry Walls	31	56	13			
A	90	30	70	02	Attipulgite Slurry Walls	31	56	16			
A	90	30	70	03	Slurry-Geomembrane Composite Slurry Walls	31	56	19			
A	90	30	70	04	Lean Concrete Slurry Walls	31	56	23			
A	90	30	70	05	Bio-Polymer Trench Drain	31	56	26			
A	90	40			Soil Treatment	31	31	00			
					Rodent Control	31	31	13			
					Termite Control	31	31	16			
					Vegetation Control	31	31	19			
B					SHELL						
					Facility Shell Performance Requirements	01	83	00			
B	10				SUPERSTRUCTURE						
					Superstructure Performance Requirements	01	83	13			
B	10	10			Floor Construction						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
					Floor Construction Performance Requirements	01	83	13			
					Load Capacity	01	83	13			
					Deflection	01	83	13			
					Vibration	01	83	13			
					Fire Rating	01	83	13			
					Sound Transmission	01	83	13			
					Levelness	01	83	13			
					Thermal Resistance	01	83	13			
					Water Vapor Transmission Resistance	01	83	13			
B	10	10	10		Floor Structural Frame						
B	10	10	10	01	Columns Supporting Floors						
B	10	10	10	02	Cast-In-Place Concrete	03	30	00			
B	10	10	10	03	Precast Concrete	03	40	00			
B	10	10	10	04	Unit Masonry	04	20	00			
B	10	10	10	05	Structural Metal Framing	05	10	00			
B	10	10	10	06	Wood Framing	06	11	00			
B	10	10	10	07	Heavy Timber Construction	06	13	00			
B	10	10	10	08	Glued-Laminated Columns	06	18	16			
B	10	10	10	09	Structural Plastics	06	50	00			
B	10	10	10	10	Floor Girders and Beams						
B	10	10	10	11	Cast-In-Place Concrete	03	30	00			
B	10	10	10	12	Precast Concrete	03	40	00			
B	10	10	10	13	Structural Metal Framing	05	10	00			
B	10	10	10	14	Steel Joist Girder Framing	05	21	23			
B	10	10	10	15	Wood Framing	06	11	00			
B	10	10	10	16	Heavy Timber Construction	06	13	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT								
B	10	10	10	17	Glued-Laminated Beams	06	18	13						
B	10	10	10	18	Structural Plastics	06	50	00						
B	10	10	10	19	Floor Trusses									
B	10	10	10	20	Structural Metal Framing	05	10	00						
B	10	10	10	21	Cold-Formed Metal Trusses	05	44	00						
B	10	10	10	22	Wood Framing	06	11	00						
B	10	10	10	23	Heavy Timber Trusses	06	13	26						
B	10	10	10	24	Shop-Fabricated Wood Trusses	06	17	53						
B	10	10	10	25	Floor Joists									
B	10	10	10	26	Metal Joists	05	20	00						
B	10	10	10	27	Cold-Formed Metal Joist Framing	05	42	00						
B	10	10	10	28	Wood Framing	06	11	00						
B	10	10	10	29	Wood-I-Joists	06	17	33						
B	10	10	10	30	Metal-Web Wood Joists	06	17	36						
B	10	10	20		Floor Decks, Slabs, and Toppings									
B	10	10	20	01	Cast-In-Place Concrete	03	30	00						
B	10	10	20	02	Precast Concrete	03	40	00						
B	10	10	20	03	Cast Decks and Underlayment	03	50	00						
B	10	10	20	04	Metal Decking	05	30	00						
B	10	10	20	05	Acoustical Metal Decking	05	34	00						
B	10	10	20	06	Raceway Decking Assemblies	05	35	00						
B	10	10	20	07	Structural Panels	06	12	00						
B	10	10	20	08	Wood Decking	06	15	00						
B	10	10	20	09	Sheathing	06	16	00						
B	10	10	20	10	Glued-Laminated Construction	06	18	00						
B	10	10	20	11	Plastic Decking	06	53	00						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
B	10	10	20	12	Composite Decking	06	73	00					
B	10	10	30		Balcony Floor Construction								
B	10	10	30	01	Cast-In-Place Concrete	03	30	00					
B	10	10	30	02	Precast Concrete	03	40	00					
B	10	10	30	03	Glass Unit Masonry	04	23	16					
B	10	10	30	04	Structural Metal Framing	05	10	00					
B	10	10	30	05	Metal Joists	05	20	00					
B	10	10	30	06	Metal Balconies	05	59	13					
B	10	10	30	07	Wood Framing	06	11	00					
B	10	10	30	08	Structural Panels	06	12	00					
B	10	10	30	09	Heavy Timber Construction	06	13	00					
B	10	10	30	10	Wood Decking	06	15	00					
B	10	10	30	11	Sheathing	06	16	00					
B	10	10	30	12	Shop-Fabricated Structural Wood	06	17	00					
B	10	10	30	13	Glued-Laminated Construction	06	18	00					
B	10	10	30	14	Structural Plastics	06	50	00					
B	10	10	30	15	Composite Decking	06	73	00					
B	10	10	40		Mezzanine Floor Construction								
B	10	10	40	01	Cast-In-Place Concrete	03	30	00					
B	10	10	40	02	Precast Concrete	03	40	00					
B	10	10	40	03	Glass Unit Masonry	04	23	16					
B	10	10	40	04	Structural Metal Framing	05	10	00					
B	10	10	40	05	Metal Joists	05	20	00					
B	10	10	40	06	Wood Framing	06	11	00					
B	10	10	40	07	Structural Panels	06	12	00					
B	10	10	40	08	Heavy Timber Construction	06	13	00					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	10	10	40	09	Wood Decking	06	15	00			
B	10	10	40	10	Sheathing	06	16	00			
B	10	10	40	11	Shop-Fabricated Structural Wood	06	17	00			
B	10	10	40	12	Glued-Laminated Construction	06	18	00			
B	10	10	40	13	Structural Plastics	06	50	00			
B	10	10	40	14	Composite Decking	06	73	00			
B	10	10	50		Ramps						
B	10	10	50	01	Cast-In-Place Concrete	03	30	00			
B	10	10	50	02	Precast Concrete	03	40	00			
B	10	10	50	03	Structural Metal Framing	05	10	00			
B	10	10	50	04	Metal Joists	05	20	00			
B	10	10	50	05	Metal Ramps	05	51	36	16		
B	10	10	50	06	Wood Framing	06	11	00			
B	10	10	50	07	Structural Panels	06	12	00			
B	10	10	50	08	Heavy Timber Construction	06	13	00			
B	10	10	50	09	Wood Decking	06	15	00			
B	10	10	50	10	Sheathing	06	16	00			
B	10	10	50	11	Shop-Fabricated Structural Wood	06	17	00			
B	10	10	50	12	Glued-Laminated Construction	06	18	00			
B	10	10	50	13	Structural Plastics	06	50	00			
B	10	10	50	14	Composite Decking	06	73	00			
B	10	10	90		Floor Construction Supplementary Components						
B	10	10	90	01	Grouting	03	60	00			
B	10	10	90	02	Vapor Retarder	07	26	00			
B	10	10	90	03	Air Barrier	07	27	00			
B	10	10	90	04	Insulation	07	20	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	10	10	90	05	Fireproofing	07	80	00			
B	10	10	90	06	Firestopping	07	84	00			
B	10	10	90	07	Expansion Control	07	95	00			
B	10	10	90	08	Sound, Vibration, and Seismic Control	13	48	00			
B	10	20			Roof Construction						
					Roof Construction Performance Requirements	01	81	13			
					Load Capacity	01	81	13			
					Fire Rating	01	81	13			
					Sound Transmission	01	81	13			
					Thermal Resistance	01	81	13			
					Vapor Transmission Resistance	01	81	13			
B	10	20	10		Roof Structural Frame						
B	10	20	10	01	Columns Supporting Roofs						
B	10	20	10	02	Cast-In-Place Concrete	03	30	00			
B	10	20	10	03	Precast Concrete	03	40	00			
B	10	20	10	04	Unit Masonry	04	20	00			
B	10	20	10	05	Structural Metal Framing	05	10	00			
B	10	20	10	06	Wood Framing	06	11	00			
B	10	20	10	07	Heavy Timber Construction	06	13	00			
B	10	20	10	08	Glued-Laminated Columns	06	18	16			
B	10	20	10	09	Structural Plastics	06	50	00			
B	10	20	10	10	Roof Girders and Beams						
B	10	20	10	11	Cast-In-Place Concrete	03	30	00			
B	10	20	10	12	Precast Concrete	03	40	00			
B	10	20	10	13	Structural Metal Framing	05	10	00			
B	10	20	10	14	Steel Joist Girder Framing	05	21	23			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	10	20	10	15	Wood Framing	06	11	00			
B	10	20	10	16	Heavy Timber Construction	06	13	00			
B	10	20	10	17	Glued-Laminated Beams	06	18	13			
B	10	20	10	18	Structural Plastics	06	50	00			
B	10	20	10	19	Roof Trusses						
B	10	20	10	20	Structural Metal Framing	05	10	00			
B	10	20	10	21	Cold-Formed Metal Trusses	05	44	00			
B	10	20	10	22	Wood Framing	06	11	00			
B	10	20	10	23	Heavy Timber Trusses	06	13	26			
B	10	20	10	24	Shop-Fabricated Wood Trusses	06	17	53			
B	10	20	10	25	Metal Joists	05	20	00			
B	10	20	10	26	Cold-Formed Metal Joist Framing	05	42	00			
B	10	20	10	27	Wood Framing	06	11	00			
B	10	20	10	28	Wood-I-Joists	06	17	33			
B	10	20	10	29	Roof Joists						
B	10	20	10	30	Metal-Web Wood Joists	06	17	36			
B	10	20	20		Roof Decks, Slabs, and Sheathing						
B	10	20	20	01	Cast-In-Place Concrete	03	30	00			
B	10	20	20	02	Precast Concrete	03	40	00			
B	10	20	20	03	Cast Decks and Underlayment	03	50	00			
B	10	20	20	04	Lightweight Concrete Roof Insulation	03	52	00			
B	10	20	20	05	Metal Decking	05	30	00			
B	10	20	20	06	Acoustical Metal Decking	05	34	00			
B	10	20	20	07	Raceway Decking Assemblies	05	35	00			
B	10	20	20	08	Structural Panels	06	12	00			
B	10	20	20	09	Wood Decking	06	15	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	10	20	20	10	Sheathing	06	16	00			
B	10	20	20	11	Glued-Laminated Construction	06	18	00			
B	10	20	20	12	Plastic Decking	06	53	00			
B	10	20	20	13	Composite Decking	06	73	00			
B	10	20	30		Canopy Construction						
B	10	20	30	01	Cast-In-Place Concrete	03	30	00			
B	10	20	30	02	Precast Concrete	03	40	00			
B	10	20	30	03	Structural Metal Framing	05	10	00			
B	10	20	30	04	Canopy Support Truss Assemblies	05	19	19			
B	10	20	30	05	Metal Joists	05	20	00			
B	10	20	30	06	Wood Framing	06	11	00			
B	10	20	30	07	Structural Panels	06	12	00			
B	10	20	30	08	Heavy Timber Construction	06	13	00			
B	10	20	30	09	Wood Decking	06	15	00			
B	10	20	30	10	Sheathing	06	16	00			
B	10	20	30	11	Shop-Fabricated Structural Wood	06	17	00			
B	10	20	30	12	Glued-Laminated Construction	06	18	00			
B	10	20	30	13	Structural Plastics	06	50	00			
B	10	20	30	14	Composite Decking	06	73	00			
B	10	20	90		Roof Construction Supplementary Components						
B	10	20	90	01	Grouting	03	60	00			
B	10	20	90	02	Vapor Retarder	07	26	00			
B	10	20	90	03	Air Barrier	07	27	00			
B	10	20	90	04	Insulation	07	20	00			
B	10	20	90	05	Fireproofing	07	80	00			
B	10	20	90	06	Firestopping	07	84	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	10	20	90	07	Expansion Control	07	95	00			
B	10	80			Stairs						
					Stairways Performance Requirements	01	84	16			
					Load Capacity	01	84	16			
B	10	80	10		Stair Construction						
B	10	80	10	01	Concrete Stair Forming	03	11	23			
B	10	80	10	02	Cast-In-Place Concrete	03	30	00			
B	10	80	10	03	Precast Concrete Stairs	03	41	23			
B	10	80	10	04	Precast Concrete Stair Treads	03	48	19			
B	10	80	10	05	Metal Stairs	05	51	00			
B	10	80	10	06	Metal Stair Treads and Nosings	05	55	00			
B	10	80	10	07	Decorative Metal Stairs	05	71	00			
B	10	80	10	08	Wood Stairs	06	43	00			
B	10	80	30		Stair Soffits						
B	10	80	30	01	Plaster and Gypsum Board	09	20	00			
B	10	80	50		Stair Railings						
B	10	80	50	01	Wire Rope Railings	05	15	00			
B	10	80	50	02	Metal Railings	05	52	00			
B	10	80	50	03	Decorative Metal Railings	05	73	00			
B	10	80	50	04	Wood Railings	06	43	16			
B	10	80	50	05	Plastic Railings	06	63	00			
B	10	80	50	06	Composite Railings	06	81	00			
B	10	80	60		Fire Escapes	05	51	23			
B	10	80	70		Metal Walkways	05	51	36			
B	10	80	70	01	Metal Catwalks	05	51	36	13		
B	10	80	70	02	Metal Gratings	05	53	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	10	80	80		Ladders	05	51	23			
B	20				EXTERIOR VERTICAL ENCLOSURES						
					Vertical Exterior Enclosure Performance	01	83	16			
					Sustainable Design Requirements	01	83	16			
B	20	10			Exterior Walls						
					Exterior Walls Performance Requirements	01	83	16			
					Wind Load Capacity	01	83	16			
					Fire Rating	01	83	16			
					Thermal Resistance	01	83	16			
					Vapor Transmission Resistance	01	83	16			
					Air Infiltration Resistance	01	83	16			
					Sound Transmission	01	83	16			
B	20	10	10		Exterior Wall Veneer						
B	20	10	10	01	Precast Concrete	03	40	00			
B	20	10	10	02	Unit Masonry	04	20	00			
B	20	10	10	03	Masonry Veneer	04	26	13			
B	20	10	10	04	Exterior Stone Cladding	04	42	00			
B	20	10	10	05	Stone Masonry Veneer	04	43	13			
B	20	10	10	06	Manufactured Masonry	04	70	00			
B	20	10	10	07	Façade Support Truss Assemblies	05	19	13			
B	20	10	10	08	Exterior Finish Carpentry	06	20	13			
B	20	10	10	09	Simulated Stone	06	61	00			
B	20	10	10	10	Water Repellents	07	19	00			
B	20	10	10	11	Exterior Insulation and Finish Systems	07	24	00			
B	20	10	10	12	Wall Panels	07	42	00			
B	20	10	10	13	Faced Panels	07	44	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	20	10	10	14	Siding	07	46	00			
B	20	10	10	15	Cement Plastering	09	24	00			
B	20	10	10	16	Cement Stucco	09	24	23			
B	20	10	20		Painting and Coating Exterior Wall Construction	09	90	00			
B	20	10	20	01	Cast-In-Place Concrete	03	30	00			
B	20	10	20	02	Precast Concrete	03	40	00			
B	20	10	20	03	Unit Masonry	04	20	00			
B	20	10	20	04	Structural Metal Stud Framing	05	41	00			
B	20	10	20	05	Wood Framing	06	11	00			
B	20	10	20	06	Structural Panels	06	12	00			
B	20	10	20	07	Sheathing	06	16	00			
B	20	10	30		Exterior Wall Interior Skin						
B	20	10	30	01	May include insulation and vapor retarder.						
B	20	10	30	02	Plaster and Gypsum Board	09	20	00			
B	20	10	40		Fabricated Exterior Wall Assemblies						
B	20	10	40	01	Unit Masonry Panels	04	25	00			
B	20	10	40	02	Fabricated Wall Panel Assemblies	07	42	63			
B	20	10	40	03	Fabricated Faced Panel Assemblies	07	44	63			
B	20	10	40	04	Curtain Wall Assemblies	08	44	00			
B	20	10	40	05	Translucent Wall Assemblies	08	45	00			
B	20	10	50		Parapets						
B	20	10	50	01	Cast-In-Place Concrete	03	30	00			
B	20	10	50	02	Precast Concrete	03	40	00			
B	20	10	50	03	Unit Masonry	04	20	00			
B	20	10	50	04	Structural Metal Stud Framing	05	41	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	20	10	50	05	Wood Framing	06	11	00			
B	20	10	50	06	Structural Panels	06	12	00			
B	20	10	50	07	Sheathing	06	16	00			
B	20	10	60		Equipment Screens						
B	20	10	60	01	Precast Concrete	03	40	00			
B	20	10	60	02	Unit Masonry	04	20	00			
B	20	10	60	03	Louvered Equipment Enclosures	08	92	00			
B	20	10	80		Exterior Wall Supplementary Components						
B	20	10	80	01	Grouting	03	60	00			
B	20	10	80	02	Weather Barriers	07	25	00			
B	20	10	80	03	Vapor Retarder	07	26	00			
B	20	10	80	04	Air Barrier	07	27	00			
B	20	10	80	05	Insulation	07	20	00			
B	20	10	80	06	Expansion Joints	07	95	00			
B	20	10	90		Exterior Wall Opening Supplementary Components						
B	20	10	90	01	Lintels						
B	20	10	90	02	Joint Sealants	07	92	00			
B	20	10	90	03	Flashing	07	60	00			
B	20	10	90	04	Sills						
B	20	20			Exterior Windows	08	50	00			
					Exterior Windows Performance Requirements	01	83	16			
					Performance Class and Grade	01	83	16			
					Wind Load Capacity	01	83	16			
					Windborne Debris Resistance	01	83	16			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
					Thermal Resistance	01	83	16			
					Condensation Resistance	01	83	16			
					Water Resistance	01	83	16			
					Air Infiltration	01	83	16			
					Shading Coefficient	01	83	16			
					Solar Heat Gain Coefficient	01	83	16			
					Visible Light Transmittance	01	83	16			
					Sound Transmission	01	83	16			
					Forced Entry Resistance	01	83	16			
					Bullet Resistance	01	83	16			
					Radio-Frequency-Interference Protection	01	83	16			
					Radiation Protection	01	83	16			
					Pressure Resistance	01	83	16			
B	20	20	10		Exterior Operating Windows	08	50	00			
B	20	20	10	01	Window Screens	08	51	66			
						08	52	66			
						08	53	66			
						08	54	66			
B	20	20	10	02	Storm Windows	08	51	69			
						08	52	69			
						08	53	69			
						08	54	69			
B	20	20	20		Exterior Fixed Windows	08	50	00			
B	20	20	30		Exterior Window Wall						
B	20	20	30	01	Storefronts	08	43	00		R	ESF
B	20	20	50		Exterior Special Function Windows	08	56	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
B	20	20	50	01	Exterior Pressure-Resistant Windows	08	55	00					
B	20	20	50	02	Pressure-Resistant Glazing	08	88	39					
B	20	20	50	03	Exterior Pass Windows	08	56	19					
B	20	20	50	04	Exterior Radio-Frequency-Interference Shielding Windows	08	56	46					
B	20	20	50	05	Exterior Radiation Shielding Windows	08	56	49					
B	20	20	50	06	Radiation-Resistant Glazing	08	88	49					
B	20	20	50	07	Exterior Security Windows	08	56	53					
B	20	20	50	08	Security Glazing	08	88	53					
B	20	20	50	09	Ballistics-Resistant Glazing	08	88	56					
B	20	20	50	10	Exterior Detention Windows	08	56	63					
B	20	20	50	11	Exterior Sound Control Windows	08	56	73					
B	20	20	50	12	Exterior Window Supplementary Components								
B	20	20	50	13	Hardware	08	75	00					
B	20	20	50	14	Glazing	08	80	00					
B	20	20	50	15	Finishes								
B	20	50			Exterior Doors and Grilles								
					Exterior Doors Performance Requirements	01	83	16					
					Wind Load Capacity	01	83	16					
					Thermal Resistance	01	83	16					
					Air Infiltration	01	83	16					
					Water Resistance	01	83	16					
					Sound Transmission	01	83	16					
					Forced Entry Resistance	01	83	16					
					Bullet Resistance	01	83	16					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
					Radio-Frequency-Interference Protection	01	83	16					
					Radiation Protection	01	83	16					
					Pressure Resistance	01	83	16					
B	20	50	10		Exterior Entrance Doors	08	42	00					
B	20	50	10	01	Sliding Glass Doors	08	32	00		R		SGD	
B	20	50	10	02	All-Glass Entrances	08	42	26		R		EAG	
B	20	50	10	03	Automatic Entrances	08	42	29		R		EAU	
B	20	50	10	04	Revolving Door Entrances	08	42	33		R		ERD	
B	20	50	10	05	Balanced Door Entrances	08	42	36		R		EBD	
B	20	50	10	06	Sliding Storefronts	08	43	29		R		ESS	
B	20	50	20		Exterior Utility Doors	08	10	00					
B	20	50	30		Exterior Oversize Doors								
B	20	50	30	01	Exterior Coiling Doors	08	33	00		R		ECD	
B	20	50	30	02	Exterior Panel Doors	08	36	00		R		EPD	
B	20	50	30	03	Exterior Sectional Doors	08	36	13		R		ESD	
B	20	50	30	04	Exterior Single-Panel Doors	08	36	16		R		SPD	
B	20	50	30	05	Exterior Multi-Leaf Vertical Lift Doors	08	36	19		R		VLD	
B	20	50	30	06	Exterior Telescoping Vertical Lift Doors	08	36	23		R		TVL	
B	20	50	30	07	Hangar Doors	08	34	16		R		HGD	
B	20	50	40		Exterior Special Function Doors	08	30	00					
B	20	50	40	01	Exterior Cold Storage Doors	08	34	13		R		CSD	
B	20	50	40	02	Exterior Industrial Doors	08	34	19		R		EID	
B	20	50	40	03	Exterior Radio-Frequency-Interference Shielding Doors	08	34	46		R		RID	
B	20	50	40	04	Exterior Radiation Shielding Doors	08	34	49		R		RSD	
B	20	50	40	05	Radiation-Resistant Glazing	08	88	49		R		RRD	
B	20	50	40	06	Exterior Security Doors	08	34	53		R		SCD	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	20	50	40	07	Security Glazing	08	88	53		R	SGL
B	20	50	40	08	Ballistics-Resistant Glazing	08	88	56		R	BRG
B	20	50	40	09	Exterior Detention Doors	08	34	63		R	EDD
B	20	50	40	10	Exterior Sound Control Doors	08	34	73		R	SOC
B	20	50	40	11	Exterior Traffic Doors	08	38	00		R	ETF
B	20	50	40	12	Exterior Pressure-Resistant Doors	08	39	00		R	EPR
B	20	50	60		Exterior Grilles						
B	20	50	60	01	Exterior Coiling Grilles	08	33	00		R	ECG
B	20	50	60	02	Exterior Folding Grilles	08	35	16		R	EFG
B	20	50	70		Exterior Gates						
B	20	50	70	01	Exterior Security Gates	08	34	56		R	ESG
B	20	50	90		Exterior Door Supplementary Components						
B	20	50	90	01	Frames	08	10	00			
B	20	50	90	02	Specialty Door Frames	08	30	00			
B	20	50	90	03	Door Hardware	08	71	00			
B	20	50	90	04	Door Glazing	08	80	00			
B	20	50	90	05	Door Louvers	08	91	26			
B	20	50	90	06	Finishes						
B	20	70			Exterior Louvers and Vents	08	90	00			
B	20	70	10		Exterior Louvers	08	91	00			
B	20	70	10	01	Exterior Louvers Performance Requirements	01	83	16			
B	20	70	10	02	Performance Rating	01	83	16			
B	20	70	10	03	Wind Load Capacity	01	83	16			
B	20	70	10	04	Free Area	01	83	16			
B	20	70	10	05	Air Performance	01	83	16			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	20	70	10	06	Wind-Driven Rain Performance	01	83	16			
B	20	70	10	07	Sound Transmission	01	83	16			
B	20	70	50		Exterior Vents	08	95	00			
B	20	80			Exterior Wall Appurtenances						
B	20	80	10		Exterior Fixed Grilles and Screens	10	82	13			
B	20	80	10	01	Decorative Metal	05	70	00			
B	20	80	10	02	Wood Screens	06	49	00			
B	20	80	10	03	Plastic Fabrications	06	60	00			
B	20	80	10	04	Composite Fabrications	06	80	00			
B	20	80	30		Exterior Opening Protection Devices						
B	20	80	30	01	Exterior Protection	10	71	00			
B	20	80	30	02	Exterior Sun Control Devices	10	71	13			
B	20	80	30	03	Storm Panels	10	71	16			
B	20	80	30	04	Awnings	10	73	13			
B	20	80	50		Exterior Balcony Walls and Railings	05	52	00			
						05	73	00			
B	20	80	50	01	Balcony Walls						
B	20	80	50	02	Cast-In-Place Concrete	03	30	00			
B	20	80	50	03	Precast Concrete	03	40	00			
B	20	80	50	04	Unit Masonry	04	20	00			
B	20	80	50	05	Structural Metal Stud Framing	05	41	00			
B	20	80	50	06	Wood Framing	06	11	00			
B	20	80	50	07	Sheathing	06	16	00			
B	20	80	50	08	Railings						
B	20	80	50	09	Metal Railings	05	52	00			
B	20	80	50	10	Decorative Metal Railings	05	73	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	20	80	50	11	Wood Railings	06	43	16			
B	20	80	50	12	Plastic Railings	06	63	00			
B	20	80	50	13	Composite Railings	06	81	00			
B	20	80	70		Exterior Fabrications						
B	20	80	70	01	Glass-Fiber-Reinforced Concrete	03	49	00			
B	20	80	70	02	Metal Fabrications	05	50	00			
B	20	80	70	03	Column Covers	05	58	13			
B	20	80	70	04	Decorative Metal	05	70	00			
B	20	80	70	05	Ornamental Woodwork	06	44	00			
B	20	80	70	06	Plastic Fabrications	06	60	00			
B	20	80	70	07	Simulated Stone Fabrications	06	61	00			
B	20	80	70	08	Composite Fabrications	06	80	00			
B	20	80	70	09	Plaster Fabrications	09	27	00			
B	20	80	80		Bird Control Devices	10	81	13			
B	20	90			Exterior Wall Specialties	10	74	00			
					Wall Specialties	07	77	00			
					Exterior Clocks	10	74	13			
					Below-Grade Egress Assemblies	10	74	43			
					Window Wells	10	74	46			
B	30				EXTERIOR HORIZONTAL ENCLOSURES						
					Horizontal Exterior Enclosure Performance	01	83	16			
B	30	10			Roofing						
					Roofing Performance Requirements	01	83	19			
					Sustainable Design Requirements	01	83	19			
B	30	10	10		Steep Slope Roofing	07	30	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
B	30	10	10	01	Steep Roofing Performance Requirements	01	83	19					
B	30	10	10	02	Sustainable Design Requirements	01	83	19					
B	30	10	10	03	Fire Rating	01	83	19					
B	30	10	10	04	Exterior Fire-Test Exposure	01	83	19					
B	30	10	10	05	Wind Resistance	01	83	19					
B	30	10	10	06	Wind Uplift Resistance	01	83	19					
B	30	10	10	07	FMG Fire/Windstorm Rating	01	83	19					
B	30	10	10	08	FMG Hail Resistance Rating	01	83	19					
B	30	10	10	09	Impact Resistance	01	83	19					
B	30	10	10	10	Thermal Resistance	01	83	19					
B	30	10	10	11	Exposed Surface Solar Reflectance	01	83	19					
B	30	10	10	12	Energy Performance	01	83	19					
B	30	10	10	13	Water Vapor Transmission Resistance	01	83	19					
B	30	10	10	14	Roofing Weight	01	83	19					
B	30	10	10	15	Roofing Shingles and Shakes	07	31	00		R		RSS	
B	30	10	10	16	Roof Tiles	07	32	00		R		RFT	
B	30	10	10	17	Roof Panels	07	41	00		R		RFP	
B	30	10	10	18	Sheet Metal Roofing	07	61	00		R		SMR	
B	30	10	10	19	Sheet Metal Roofing Specialties	07	63	00					
B	30	10	50		Low-Slope Roofing								
B	30	10	50	01	Low-Slope Roofing Performance Requirements	01	83	19					
B	30	10	50	02	Sustainable Design Requirements	01	83	19					
B	30	10	50	03	Fire Rating	01	83	19					
B	30	10	50	04	Exterior Fire-Test Exposure	01	83	19					
B	30	10	50	05	Wind Uplift Resistance	01	83	19					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT						
B	30	10	50	06	FMG Fire/Windstorm Rating	01	83	19				
B	30	10	50	07	FMG Hail Resistance Rating	01	83	19				
B	30	10	50	08	Thermal Resistance	01	83	19				
B	30	10	50	09	Exposed Surface Solar Reflectance	01	83	19				
B	30	10	50	10	Energy Performance	01	83	19				
B	30	10	50	11	Water Vapor Transmission Resistance	01	83	19				
B	30	10	50	12	Roofing Weight	01	83	19				
B	30	10	50	13	Low-Slope Roofing Membrane	07	50	00		R		LSR
B	30	10	50	14	Protected Membrane Roofing	07	55	00		R		PMR
B	30	10	50	15	Low-Slope Roofing Cover	07	50	00		R		LSC
B	30	10	50	16	Roofing Ballast	07	50	00		R		RFB
B	30	10	50	17	Roofing Gravel					R		RFG
B	30	10	50	18	Roofing Pavers	07	76	00		R		RPV
B	30	10	50	19	Roofing Coatings					R		RFC
B	30	10	50	20	Vegetated Low-Slope Roofing	07	55	63		R		VLS
B	30	10	70		Canopy Roofing							
B	30	10	90		Roofing Supplementary Components							
B	30	10	90	01	Substrate Board	09	28	00				
B	30	10	90	02	Deck Insulation	07	22	00				
B	30	10	90	03	Vapor Retarder	07	26	00				
B	30	10	90	04	Air Barrier	07	27	00				
B	30	10	90	05	Sheet Metal Flashing and Trim	07	62	00				
B	30	10	90	06	Flexible Flashing	07	65	00				
B	30	10	90	07	Copings	07	71	13				
B	30	10	90	08	Counterflashing Systems	07	71	16				
B	30	10	90	09	Gravel Stops and Fascias	07	71	19				

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
B	30	10	90	10	Expansion Joints	07	71	29					
B	30	20			Roof Appurtenances								
B	30	20	10		Roof Accessories	07	72	00					
B	30	20	10	01	Roof Ladders	05	51	33					
B	30	20	10	02	Roof Curbs	07	72	13					
B	30	20	10	03	Relief Vents	07	72	23					
B	30	20	10	04	Ridge Vents	07	72	26					
B	30	20	10	05	Roof Walkways	07	72	46					
B	30	20	10	06	Snow Guards	07	72	53					
B	30	20	30		Roof Specialties	10	74	00					
B	30	20	30	01	Cupolas	10	74	23					
B	30	20	30	02	Spires	10	74	26					
B	30	20	30	03	Steeple	10	74	29					
B	30	20	30	04	Weathervanes	10	74	33					
B	30	20	70		Rainwater Management								
B	30	20	70	01	Conductor Heads								
B	30	20	70	02	Gutters	07	71	23					
B	30	20	70	03	Downspouts	07	71	23					
B	30	20	70	04	Scuppers	07	71	33					
B	30	20	70	05	Precast Concrete Splash Blocks	03	48	16					
B	30	40			Traffic Bearing Horizontal Enclosures								
					Traffic Bearing Horizontal Enclosures	01	83	16					
					Fire Rating	01	83	16					
					Exterior Fire-Test Exposure	01	83	16					
					Wind Uplift Resistance	01	83	16					
					Thermal Resistance	01	83	16					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
					Water Vapor Transmission Resistance	01	83	16			
					Slip Resistance	01	83	16			
					System Weight	01	83	16			
B	30	40	10		Traffic Bearing Coatings	07	18	00			
B	30	40	30		Horizontal Waterproofing Membrane	07	10	00			
B	30	40	50		Wear Surfaces						
B	30	40	50	01	Roof Pavers	07	76	00			
B	30	40	50	02	Rigid Paving	32	13	00			
B	30	40	50	03	Unit Pavers	32	14	00			
B	30	40	90		Horizontal Enclosure Supplementary Components						
B	30	40	90	01	Substrate Board	09	28	00			
B	30	40	90	02	Deck Insulation	07	20	00			
B	30	40	90	03	Vapor Retarder	07	26	00			
B	30	40	90	04	Sheet Metal Flashing and Trim	07	62	00			
B	30	40	90	05	Flexible Flashing	07	65	00			
B	30	40	90	06	Copings	07	71	13			
B	30	40	90	07	Counterflashing Systems	07	71	16			
B	30	40	90	08	Gravel Stops and Fascias	07	71	19			
B	30	40	90	09	Expansion Joints	07	71	29			
B	30	60			Horizontal Openings						
					Horizontal Openings Performance Requirements						
B	30	60	10		Roof Windows and Skylights	08	60	00			
B	30	60	10	01	Roof Window and Skylight Performance	01	83	16			
B	30	60	10	02	Load Capacity	01	83	16			
B	30	60	10	03	Concentrated Loads	01	83	16			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
B	30	60	10	04	Deflection	01	83	16			
B	30	60	10	05	Thermal Resistance	01	83	16			
B	30	60	10	06	Solar Heat Gain	01	83	16			
B	30	60	10	07	Visible Light Transmittance	01	83	16			
B	30	60	10	08	Air Infiltration Resistance	01	83	16			
B	30	60	10	09	Roof Windows	08	61	00			
B	30	60	10	10	Unit Skylights	08	62	00			
B	30	60	10	11	Framed Skylights						
B	30	60	10	12	Metal-Framed Skylights	08	63	00			
B	30	60	10	13	Plastic-Framed Skylights	08	64	00			
B	30	60	10	14	Skylight Protection and Screens	08	67	00			
B	30	60	50		Vents and Hatches						
B	30	60	50	01	Roof Hatches	07	72	33			
B	30	60	50	02	Smoke Vents	07	72	36			
					Horizontal Opening Supplementary Components						
B	30	60	90								
B	30	60	90	01	Frames						
B	30	60	90	02	Hardware	08	75	00			
B	30	60	90	03	Glazing	08	80	00			
B	30	60	90	04	Flashing	07	60	00			
B	30	60	90	05	Joint Sealants	07	92	00			
B	30	80			Overhead Exterior Enclosures						
					Overhead Exterior Enclosures Performance	01	83	16			
					Wind Load Capacity	01	83	16			
					Thermal Resistance	01	83	16			
					Vapor Transmission Resistance	01	83	16			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
					Fire Rating	01	83	16			
B	30	80	10		Exterior Ceilings						
B	30	80	10	01	Wall Panels	07	42	00			
B	30	80	10	02	Faced Panels	07	44	00			
B	30	80	10	03	Plaster and Gypsum Board	09	20	00			
B	30	80	10	04	Specialty Ceilings	09	54	00			
B	30	80	10	05	Textured Ceilings	09	56	00			
B	30	80	10	06	Painting and Coating	09	90	00			
B	30	80	20		Exterior Soffits						
B	30	80	20	01	Soffit Panels	07	42	93			
B	30	80	20	02	Faced Panels	07	44	00			
B	30	80	20	03	Plaster and Gypsum Board	09	20	00			
B	30	80	20	04	Specialty Ceilings	09	54	00			
B	30	80	20	05	Textured Ceilings	09	56	00			
B	30	80	20	06	Painting and Coating	09	90	00			
B	30	80	20	07	Soffit Vents	08	95	13			
B	30	80	30		Exterior Bulkheads						
B	30	80	30	01	Wall Panels	07	42	00			
B	30	80	30	02	Faced Panels	07	44	00			
B	30	80	30	03	Plaster and Gypsum Board	09	20	00			
B	30	80	30	04	Specialty Ceilings	09	54	00			
B	30	80	30	05	Textured Ceilings	09	56	00			
B	30	80	30	06	Painting and Coating	09	90	00			
C					INTERIORS						
					Interiors Performance Requirement	01	84	00			
C	10				INTERIOR CONSTRUCTION						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
					Interior Construction Performance Requirements	01	84	13			
C	10	10			Interior Partitions	10	22	00			
					Interior Partitions Performance Requirements	01	84	13			
					Lateral Load Capacity	01	84	13			
					Fire Rating	01	84	13			
					Sound Transmission	01	84	13			
					Thermal Resistance	01	84	13			
					Water Vapor Transmission Resistance	01	84	13			
					Bullet Resistance	01	84	13			
					Radio-Frequency-Interference Protection	01	84	13			
					Radiation Protection	01	84	13			
C	10	10	10		Interior Fixed Partitions						
C	10	10	10	01	Cast-In-Place Concrete	03	30	00			
C	10	10	10	02	Precast Concrete	03	40	00			
C	10	10	10	03	Unit Masonry	04	20	00			
C	10	10	10	04	Structural Metal Stud Framing	05	41	00			
C	10	10	10	05	Wood Framing	06	11	00			
C	10	10	10	06	Plaster and Gypsum Board	09	20	00			
C	10	10	10	07	Wire Mesh Partitions	10	22	13			
C	10	10	20		Interior Glazed Partitions						
C	10	10	20	01	Storefronts	08	43	00		R	ISF
C	10	10	40		Interior Demountable Partitions	10	22	19			
C	10	10	40	01	Interior Demountable Partitions Performance Requirements	01	84	13			
C	10	10	40	02	Lateral Load Capacity	01	84	13			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
C	10	10	40	03	Fire Rating	01	84	13					
C	10	10	40	04	Sound Transmission	01	84	13					
C	10	10	40	05	Flame Spread Index	01	84	13					
C	10	10	40	06	Smoke Developed Index	01	84	13					
C	10	10	40	07	Demountable Metal Partitions	10	22	19	13				
C	10	10	40	08	Demountable Wood Partitions	10	22	19	23				
C	10	10	40	09	Demountable Plastic Partitions	10	22	19	33				
C	10	10	40	10	Demountable Composite Partitions	10	22	19	43				
C	10	10	40	11	Demountable Gypsum Partitions	10	22	19	53				
C	10	10	50		Interior Operable Partitions								
C	10	10	50	01	Interior Operable Partitions Performance Requirements	01	84	13					
C	10	10	50	02	Fire Rating	01	84	13					
C	10	10	50	03	Sound Transmission	01	84	13					
C	10	10	50	04	Noise Isolation	01	84	13					
C	10	10	50	05	Sound Adsorption	01	84	13					
C	10	10	50	06	Flame Spread Index	01	84	13					
C	10	10	50	07	Smoke Developed Index	01	84	13					
C	10	10	50	08	Accordion Folding Partitions	10	22	33		R		ACP	
C	10	10	50	09	Coiling Partitions	10	22	36		R		CPT	
C	10	10	50	10	Folding Panel Partitions	10	22	39		R		FPP	
C	10	10	50	11	Sliding Partitions	10	22	43		R		SPT	
C	10	10	70		Interior Screens								
C	10	10	70	01	Portable Partitions, Screens and Panels	10	22	23					
C	10	10	70	02	Grilles and Screens	10	82	23		R		GSC	
C	10	10	90		Interior Partition Supplementary Components								

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
C	10	10	90	01	Sound Isolation	13	48	00					
C	10	10	90	02	Acoustic Insulation	09	81	00					
C	10	10	90	03	Firestopping	07	84	00					
C	10	10	90	04	Expansion Control	07	95	00					
C	10	20			Interior Windows	08	50	00					
					Interior Windows Performance Requirements	01	84	13					
					Fire Rating	01	84	13					
					Sound Transmission	01	84	13					
					Forced Entry Resistance	01	84	13					
					Bullet Resistance	01	84	13					
					Radio-Frequency-Interference Protection	01	84	13					
					Radiation Protection	01	84	13					
C	10	20	10		Interior Operating Windows	08	50	00					
C	10	20	20		Interior Fixed Windows	08	50	00					
C	10	20	50		Interior Special Function Windows	08	56	00					
C	10	20	50	01	Interior Observation Windows						R		IOW
C	10	20	50	02	Interior Pass Windows	08	56	19			R		IPW
C	10	20	50	03	Interior Radio-Frequency-Interference Shielding Windows	08	56	46			R		IRW
C	10	20	50	04	Interior Radiation Shielding Windows	08	56	49			R		IRS
C	10	20	50	05	Radiation-Resistant Glazing	08	88	49			R		RRG
C	10	20	50	06	Interior Security Windows	08	56	53			R		ISW
C	10	20	50	07	Security Glazing	08	88	53			R		SCG
C	10	20	50	08	Ballistics-Resistant Glazing	08	88	56			R		BLR
C	10	20	50	09	Interior Detention Windows	08	56	63			R		IDW
C	10	20	50	10	Interior Sound Control Windows	08	56	73			R		ICW

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT								
C	10	20	90		Interior Window Supplementary Components									
C	10	20	90	01	Frames and Sills									
C	10	20	90	02	Hardware	08	75	00						
C	10	20	90	03	Glazing	08	80	00						
C	10	20	90	04	Finishes									
C	10	30			Interior Doors	08	10	00						
					Interior Doors Performance Requirements	01	84	13						
					Fire Rating	01	84	13						
					Temperature-Rise Limit	01	84	13						
					Sound Transmission	01	84	13						
					Thermal Resistance	01	84	13						
					Forced Entry Resistance	01	84	13						
					Bullet Resistance	01	84	13						
					Radio-Frequency-Interference Protection	01	84	13						
					Radiation Protection	01	84	13						
					Pressure Resistance	01	84	13						
C	10	30	10		Interior Swinging Doors	08	10	00						
C	10	30	20		Interior Entrance Doors	08	42	00						
C	10	30	20	01	All-Glass Entrances	08	42	26		R		AGE		
C	10	30	20	02	Automatic Entrances	08	42	29		R		IAU		
C	10	30	20	03	Revolving Door Entrances	08	42	33		R		IAG		
C	10	30	20	04	Balanced Door Entrances	08	42	36		R		IBD		
C	10	30	20	05	Sliding Storefronts	08	43	29		R		ISS		
C	10	30	25		Interior Sliding Doors	08	11	73						
C	10	30	25	01	Sliding Glass Doors	08	32	00		R		ISG		

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT						
C	10	30	30		Interior Folding Doors	08	35	13				
C	10	30	40		Interior Coiling Doors	08	33	00				
C	10	30	40	01	Coiling Counter Doors	08	33	13		R		ICC
C	10	30	50		Interior Panel Doors	08	36	00				
C	10	30	50	01	Interior Sectional Doors	08	36	13		R		ISC
C	10	30	50	02	Interior Single-Panel Doors	08	36	16		R		ISP
C	10	30	50	03	Interior Multi-Leaf Vertical Lift Doors	08	36	19		R		IML
C	10	30	50	04	Interior Telescoping Vertical Lift Doors	08	36	23		R		ITL
C	10	30	70		Interior Special Function Doors	08	30	00				
C	10	30	70	01	Interior Cold Storage Doors	08	34	13		R		ICS
C	10	30	70	02	Interior Industrial Doors	08	34	19		R		IID
C	10	30	70	03	Interior Lightproof Doors	08	34	33		R		ILP
C	10	30	70	04	Interior Darkroom Doors	08	34	36		R		IDR
C	10	30	70	05	Interior Radio-Frequency-Interference Shielding Doors	08	34	46		R		IRF
C	10	30	70	06	Interior Radiation Shielding Doors	08	34	49		R		IRD
C	10	30	70	07	Radiation-Resistant Glazing	08	88	49		R		IRG
C	10	30	70	08	Interior Security Doors	08	34	53		R		ISD
C	10	30	70	09	Security Revolving Door Entrances	08	42	33	13	R		ISR
C	10	30	70	10	Security Glazing	08	88	53		R		IGL
C	10	30	70	11	Ballistics-Resistant Glazing	08	88	56		R		IBG
C	10	30	70	12	Interior Vault Doors	08	34	59		R		IVD
C	10	30	70	13	Interior Detention Doors	08	34	63		R		IDD
C	10	30	70	14	Interior Sound Control Doors	08	34	73		R		ISO
C	10	30	70	15	Interior Traffic Doors	08	38	00		R		ITF
C	10	30	70	16	Interior Pressure-Resistant Doors	08	39	00		R		IPR
C	10	30	80		Interior Access Doors and Panels	08	31	00				

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT								
C	10	30	90		Interior Door Supplementary Components									
C	10	30	90	01	Frames	08	10	00						
C	10	30	90	02	Specialty Frames	08	30	00						
C	10	30	90	03	Hardware	08	71	00						
C	10	30	90	04	Glazing	08	80	00						
C	10	30	90	05	Door Louvers	08	91	26						
C	10	40			Interior Grilles and Gates									
C	10	40	10		Interior Grilles									
C	10	40	10	01	Interior Sliding Metal Grilles	08	11	74		R			ISM	
C	10	40	10	02	Interior Coiling Grilles	08	33	00		R			ICG	
C	10	40	10	03	Interior Folding Grilles	08	35	16		R			IFO	
C	10	40	50		Interior Gates									
C	10	40	50	01	Interior Security Gates	08	34	56		R			IGT	
C	10	40	50	02	Interior Folding Gates	10	22	16		R			IFG	
C	10	60			Raised Floor Construction									
					Raised Floor Construction Performance Requirements	01	84	13						
					Load Capacity	01	84	13						
					Concentrated Loads	01	84	13						
					Rolling Loads	01	84	13						
					Impact Loads	01	84	13						
					Deflection	01	84	13						
					Slip Resistance	01	84	13						
					Static Dissipative	01	84	13						
					Conductive	01	84	13						
C	10	60	10		Access Flooring	09	69	00						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
C	10	60	30		Platform/Stage Floors						
C	10	70			Suspended Ceiling Construction						
					Suspended Ceiling Construction Performance Requirements	01	84	13			
					Fire Rating	01	84	13			
					Sound Transmission	01	84	13			
					Sound Attenuation	01	84	13			
					Sound Absorption	01	84	13			
					Light Reflectance	01	84	13			
					Flame Spread Index	01	84	13			
					Smoke Developed Index	01	84	13			
C	10	70	10		Acoustical Suspended Ceilings	09	51	00			
C	10	70	10	01	Acoustic Insulation	09	81	00			
C	10	70	20		Suspended Plaster and Gypsum Board Ceilings	09	20	00			
C	10	70	20	01	Suspension Systems	09	22	26			
C	10	70	20	02	Acoustic Insulation	09	81	00			
C	10	70	50		Specialty Suspended Ceilings	09	54	00			
C	10	70	50	01	Textured Suspended Ceilings	09	56	00			
C	10	70	70		Special Function Suspended Ceilings	09	57	00			
C	10	70	70	01	Security Ceiling Assemblies	09	57	53			
C	10	70	70	02	Integrated Ceiling Assemblies	09	58	00			
C	10	70	90		Ceiling Suspension Components						
C	10	70	90	01	Suspension Systems						
C	10	70	90	02	Suspended Ceiling Sound Isolation	13	48	00			
C	10	90			Interior Specialties						
C	10	90	10		Interior Railings and Handrails						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT								
C	10	90	10	01	Interior Railings and Handrails Performance Requirements	01	84	00						
C	10	90	10	02	Uniform Load on Handrails and Top Rails of Guards	01	84	00						
C	10	90	10	03	Concentrated Load on Handrails and Top Rails of Guards	01	84	00						
C	10	90	10	04	Concentrated Load on Infill of Guards	01	84	00						
C	10	90	10	05	Metal Railings	05	52	00						
C	10	90	10	06	Decorative Metal Railings	05	73	00						
C	10	90	10	07	Wood Railings	06	43	16						
C	10	90	10	08	Plastic Railings	06	63	00						
C	10	90	10	09	Composite Railings	06	81	00						
C	10	90	15		Interior Louvers	08	91	00						
C	10	90	15	01	Interior Louvers Performance Requirements	01	84	00						
C	10	90	15	02	Free Area	01	84	00						
C	10	90	15	03	Air Performance	01	84	00						
C	10	90	15	04	Sound Transmission	01	84	00						
C	10	90	20		Information Specialties	10	10	00						
C	10	90	20	01	Visual Display Units	10	11	00						
C	10	90	20	02	Chalkboards	10	11	13						
C	10	90	20	03	Markerboards	10	11	16						
C	10	90	20	04	Tackboards	10	11	23						
C	10	90	20	05	Sliding Visual Display Units	10	11	33						
C	10	90	20	06	Visual Conference Units	10	11	36						
C	10	90	20	07	Visual Display Rails	10	11	39						
C	10	90	20	08	Visual Display Wall Panels	10	11	43						
C	10	90	20	09	Visual Display Fabrics	10	11	46						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
C	10	90	20	10	Display Cases	10	12	00					
C	10	90	20	11	Directories	10	13	00					
C	10	90	20	12	Interior Signage	10	14	00					
C	10	90	20	13	Telephone Specialties	10	17	00					
C	10	90	20	14	Informational Kiosks	10	18	00					
C	10	90	25		Compartments and Cubicles	10	21	00					
C	10	90	25	01	Toilet Compartments	10	21	13					
C	10	90	25	02	Shower & Dressing Compartments	10	21	16					
C	10	90	25	03	Cubicles	10	21	23					
C	10	90	25	04	Tub and Shower Doors	10	28	19					
C	10	90	30		Service Walls	10	25	00					
C	10	90	30	01	Patient Bed Service Walls	10	25	13					
C	10	90	30	02	Modular Service Walls	10	25	16					
C	10	90	35		Wall and Door Protection	10	26	00					
C	10	90	35	01	Corner Guards	10	26	13					
C	10	90	35	02	Bumper Guards	10	26	16					
C	10	90	35	03	Protective Wall Covering	10	26	23					
C	10	90	35	04	Door and Frame Protection	10	26	33					
C	10	90	40		Toilet, Bath, and Laundry Accessories	10	28	00					
C	10	90	40	01	Toilet Accessories	10	28	13					
C	10	90	40	02	Bath Accessories	10	28	16					
C	10	90	40	03	Laundry Accessories	10	28	23					
C	10	90	45		Interior Gas Lighting	10	84	16					
C	10	90	50		Fireplaces and Stoves	10	30	00					
C	10	90	50	01	Site Constructed Fireplaces								
C	10	90	50	02	Refractory Masonry	04	50	00					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
C	10	90	50	03	Masonry Fireplaces	04	57	00					
C	10	90	50	04	Manufactured Fireplaces	10	31	00					
C	10	90	50	05	Manufactured Fireplace Chimneys	10	31	13					
C	10	90	50	06	Fireplace Specialties	10	32	00					
C	10	90	50	07	Stoves	10	35	00					
C	10	90	60		Safety Specialties	10	40	00					
C	10	90	60	01	Emergency Access and Information Cabinets	10	41	00					
C	10	90	60	02	Emergency Aid Specialties	10	43	00					
C	10	90	70		Storage Specialties	10	50	00					
C	10	90	70	01	Lockers	10	51	00					
C	10	90	70	02	Locker Room Benches	10	51	53					
C	10	90	70	03	Postal Specialties	10	55	00					
C	10	90	70	04	Mail Boxes	10	55	23					
C	10	90	70	05	Mail Chutes	10	55	91					
C	10	90	70	06	Storage Assemblies	10	56	00					
C	10	90	70	07	Storage Shelving								
C	10	90	70	08	Storage Racks	10	56	29					
C	10	90	70	09	Mercantile Storage Assemblies	10	56	33					
C	10	90	70	10	Wardrobe and Closet Specialties	10	57	00					
C	10	90	70	11	Hat and Coat Racks	10	57	13					
C	10	90	70	12	Closet and Utility Shelving	10	57	33					
C	10	90	90		Other Interior Specialties	10	80	00					
C	10	90	90	01	Pest Control Devices	10	81	00					
C	10	90	90	02	Insect Control Devices	10	81	16					
C	10	90	90	03	Rodent Control Devices	10	81	19					
C	10	90	90	04	Flags and Banners	10	83	00					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
C	10	90	90	05	Unframed Mirrors	08	83	00			
C	10	90	90	06	Security Mirrors and Domes	10	86	00			
C	10	90	90	07	Scales	10	88	00			
C	20				INTERIOR FINISHES						
					Interior Finishes Performance Requirements	01	84	19			
C	20	10			Wall Finishes	09	70	00			
					Wall Finishes Performance Requirements	01	84	19			
					Flame-Spread Index	01	84	19			
					Smoke-Developed Index	01	84	19			
					Light Reflectance	01	84	19			
					Sound Absorption	01	84	19			
C	20	10	10		Tile Wall Finish	09	30	00			
C	20	10	20		Wall Paneling						
C	20	10	20	01	Wood Paneling	06	42	00			
C	20	10	20	02	Prefinished Paneling	06	25	00			
C	20	10	20	03	Board Paneling	06	26	00			
C	20	10	20	04	Plastic Paneling	06	64	00			
C	20	10	20	05	Composite Paneling	06	83	00			
C	20	10	30		Wall Coverings	09	72	00			
C	20	10	30	01	Flexible Wood Sheets	09	74	00			
C	20	10	35		Wall Carpeting	09	73	00			
C	20	10	50		Stone Facing	09	75	00			
C	20	10	60		Special Wall Surfacing	09	77	00			
C	20	10	60	01	Stretched-Fabric Wall Systems	09	77	13			
C	20	10	60	02	Fabric-Wrapped Panels	09	77	23			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
C	20	10	60	03	Plastic Blocks	09	76	00			
C	20	10	70		Wall Painting and Coating	09	90	00			
C	20	10	80		Acoustical Wall Treatment						
C	20	10	80	01	Acoustic Wall Coating	09	83	13			
C	20	10	80	02	Acoustic Room Components	09	84	00			
C	20	10	80	03	Sound-Absorbing Wall Units	09	84	33			
C	20	10	90		Wall Finish Supplementary Components						
C	20	10	90	01	Wood Furring	06	10	00			
C	20	10	90	02	Metal Furring	09	22	13			
C	20	20			Interior Fabrications						
					Glass-Fiber-Reinforced Concrete	03	49	00			
					Metal Fabrications	05	50	00			
					Column Covers	05	58	13			
					Decorative Metal	05	70	00			
					Ornamental Woodwork	06	44	00			
					Plastic Fabrications	06	60	00			
					Simulated Stone Fabrications	06	61	00			
					Composite Fabrications	06	80	00			
					Plaster Fabrications	09	27	00			
C	20	30			Flooring	09	60	00			
					Flooring Performance Requirements	01	84	19			
					Slip Resistance	01	84	19			
					Critical Radiant Flux Classification	01	84	19			
					Static Dissipative	01	84	19			
					Conductive	01	84	19			
					Chemical Resistance	01	84	19			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
					Acid Resistance	01	84	19			
					Static Control	01	84	19			
					Sound Absorption	01	84	19			
C	20	30	10		Flooring Treatment	09	61	00			
C	20	30	10	01	Slip-Resistant Flooring Treatment	09	61	13			
C	20	30	20		Tile Flooring	09	30	00			
C	20	30	30		Specialty Flooring	09	62	00			
C	20	30	30	01	Chemical-Resistant Flooring						
C	20	30	30	02	Chemical-Resistant Tiling	09	35	00			
C	20	30	30	03	Chemical-Resistant Brick Flooring	09	63	13	35		
C	20	30	30	04	Acid-Resistant Flooring	09	62	35			
C	20	30	30	05	Conductive Flooring						
C	20	30	30	06	Conductive Tiling	09	33	00			
C	20	30	30	07	Conductive Resilient Flooring	09	65	33			
C	20	30	30	08	Conductive Terrazzo Flooring	09	66	33			
C	20	30	30	09	Static-Control Flooring						
C	20	30	30	10	Static Resistant Flooring Treatment	09	61	36			
C	20	30	30	11	Static-Control Resilient Flooring	09	65	36			
C	20	30	40		Masonry Flooring	09	63	00			
C	20	30	40	01	Brick Flooring	09	63	13			
C	20	30	40	02	Stone Flooring	09	63	40			
C	20	30	40	03	Composition Stone Flooring	09	63	43			
C	20	30	45		Wood Flooring	09	64	00			
C	20	30	50		Resilient Flooring	09	65	00			
C	20	30	60		Terrazzo Flooring	09	66	00			
C	20	30	60	01	Portland Cement Terrazzo Flooring	09	66	13			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
C	20	30	60	02	Terrazzo Floor Tile	09	66	16			
C	20	30	60	03	Resinous Matrix Terrazzo Flooring	09	66	23			
C	20	30	70		Fluid-Applied Flooring	09	67	00			
C	20	30	70	01	Elastomeric Liquid Flooring	09	67	13			
C	20	30	70	02	Epoxy-Marble Chip Flooring	09	67	16			
C	20	30	70	03	Magnesium-Oxychloride Flooring	09	67	19			
C	20	30	70	04	Resinous Flooring	09	67	23			
C	20	30	70	05	Quartz Flooring	09	67	26			
C	20	30	75		Carpeting	09	68	00			
C	20	30	75	01	Tile Carpeting	09	68	13			
C	20	30	75	02	Sheet Carpeting	09	68	16			
C	20	30	80		Athletic Flooring						
C	20	30	80	01	Wood Athletic Flooring	09	64	66			
C	20	30	80	02	Resilient Athletic Flooring	09	65	66			
C	20	30	80	03	Fluid-Applied Athletic Flooring	09	67	66			
C	20	30	85		Entrance Flooring						
C	20	30	85	01	Entrance Floor Mats and Frames	12	48	13			
C	20	30	85	02	Entrance Floor Grilles	12	48	16			
C	20	30	85	03	Entrance Floor Gratings	12	48	19			
C	20	30	85	04	Entrance Floor Grids	12	48	23			
C	20	30	85	05	Entrance Tile	12	48	26			
C	20	30	90		Flooring Supplementary Components						
C	20	30	90	01	Wood Furring	06	10	00			
C	20	30	90	02	Underlayment	06	16	26			
C	20	30	90	03	Acoustic Underlayment	09	60	13			
C	20	30	90	04	Sound and Vibration Control	09	62	48			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
C	20	40			Stair Finishes						
					Stair Finish Performance Requirements	01	84	19			
					Slip Resistance	01	84	19			
					Critical Radiant Flux Classification	01	84	19			
C	20	40	20		Tile Stair Finish	09	30	00			
C	20	40	40		Masonry Stair Finish	09	63	00			
C	20	40	45		Wood Stair Finish	09	64	00			
C	20	40	50		Resilient Stair Finish	09	65	00			
C	20	40	60		Terrazzo Stair Finish	09	66	00			
C	20	40	75		Carpeted Stair Finish	09	68	00			
C	20	50			Ceiling Finishes	09	50	00			
					Ceiling Finishes Performance Requirements	01	84	19			
					Sound Absorption	01	84	19			
					Light Reflectance	01	84	19			
					Flame Spread Index	01	84	19			
					Smoke Developed Index	01	84	19			
C	20	50	10		Plaster and Gypsum Board Finish	09	20	00			
C	20	50	20		Ceiling Paneling						
C	20	50	20	01	Wood Paneling	06	42	00			
C	20	50	20	02	Prefinished Paneling	06	25	00			
C	20	50	20	03	Board Paneling	06	26	00			
C	20	50	20	04	Plastic Paneling	06	64	00			
C	20	50	20	05	Composite Paneling	06	83	00			
C	20	50	70		Ceiling Painting and Coating	09	90	00			
C	20	50	80		Acoustical Ceiling Treatment						
C	20	50	80	01	Acoustical Metal Decking	05	34	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
C	20	50	80	02	Acoustic Ceiling Coating	09	83	16					
C	20	50	80	03	Acoustic Room Components	09	84	00					
C	20	50	80	04	Sound-Absorbing Ceiling Units	09	84	36					
C	20	50	90		Ceiling Finish Supplementary Components								
C	20	50	90	01	Wood Furring	06	10	00					
C	20	50	90	02	Metal Furring	09	22	13					
C	20	50	90	03	Ceiling Sound Isolation	13	48	00					
C	20	90			Interior Finish Schedules								
					Room Finish Schedule	09	06	00	13				
D					SERVICES								
					Facility Services Performance Requirements	01	86	00					
D	10				CONVEYING	14	00	00					
					Conveying Equipment Performance Requirements	01	85	00					
D	10	10			Vertical Conveying Systems								
D	10	10	10		Elevators	14	20	00					
D	10	10	10	01	Elevators Performance Requirements	01	85	00					
D	10	10	10	02	Cab Capacity	01	85	00					
D	10	10	10	03	Car Load Capacity	01	85	00					
D	10	10	10	04	Car Speed	01	85	00					
D	10	10	10	05	Door Opening Speed	01	85	00					
D	10	10	10	06	Freight Elevators	14	20	00		R		FLV	
D	10	10	10	07	Electric Traction Freight Elevators	14	21	13		R		EFE	
D	10	10	10	08	Hydraulic Freight Elevators	14	24	13		R		HFE	
D	10	10	10	09	Passenger Elevators	14	20	00		R		ELV	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	10	10	10	10	Electric Traction Passenger Elevators	14	21	23		R	EPV
D	10	10	10	11	Hydraulic Passenger Elevators	14	24	23		R	HPE
D	10	10	10	12	Residential Elevators	14	20	00		R	RLV
D	10	10	10	13	Electric Traction Residential Elevators	14	21	33		R	ERV
D	10	10	10	14	Hydraulic Residential Elevators	14	24	33		R	HRV
D	10	10	10	15	Service Elevators	14	20	00		R	SRV
D	10	10	10	16	Electric Traction Service Elevators	14	21	43		R	ESV
D	10	10	10	17	Hydraulic Service Elevators	14	24	43		R	HSV
D	10	10	10	18	Limited-Use/Limited Application Elevators	14	26	00		R	LUV
D	10	10	10	19	Custom Elevator Cabs and Doors	14	27	00		R	VCD
D	10	10	10	20	Elevator Equipment and Controls	14	28	00		R	VEC
D	10	10	20		Lifts	14	40	00			
D	10	10	20	01	Lifts Performance Requirements	01	85	00			
D	10	10	20	02	Speed	01	85	00			
D	10	10	20	03	People Lifts	14	41	00		R	PLF
D	10	10	20	04	Wheelchair Lifts	14	42	00		R	MNL
D	10	10	20	05	Platform Lifts	14	43	00		R	PFL
D	10	10	20	06	Orchestra Lifts	14	43	13		R	ORL
D	10	10	20	07	Stage Lifts	14	43	16		R	STL
D	10	10	20	08	Sidewalk Lifts	14	44	00		R	SWL
D	10	10	20	09	Vehicle Lifts	14	45	00		R	VHL
D	10	10	30		Escalators	14	31	00			
D	10	10	30	01	Escalators Performance Requirements	01	85	00			
D	10	10	30	02	Speed	01	85	00			
D	10	10	30	03	32" Wide Escalator					R	ESN
D	10	10	30	04	48" Wide Escalator					R	ESC

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT						
D	10	10	50		Dumbwaiters	14	10	00				
D	10	10	50	01	Dumbwaiters Performance Requirements	01	85	00				
D	10	10	50	02	Manual Dumbwaiters					R	MDW	
D	10	10	50	03	Powered Dumbwaiters					R	PDW	
D	10	10	60		Moving Ramps	14	33	00				
D	10	10	60	01	Moving Ramps Performance Requirements	01	85	00				
D	10	10	60	02	Speed	01	85	00				
D	10	10	60	03	Belt-type Moving Ramps					R	BTR	
D	10	10	60	04	Pallet-type Moving Ramps					R	PTR	
D	10	30			Horizontal Conveying							
					Horizontal Conveying Performance Requirements	01	85	00				
D	10	30	10		Moving Walks	14	32	00				
D	10	30	10	01	Moving Walks Performance Requirements	01	85	00				
D	10	30	10	02	Speed	01	85	00				
D	10	30	10	03	Belt-type Moving Walkway					R	MWB	
D	10	30	10	04	Pallet-type Moving Walkway					R	MWP	
D	10	30	10	05	High-Speed Moving Walkway					R	MWW	
D	10	30	30		Turntables	14	70	00				
D	10	30	30	01	Turntables Performance Requirements	01	85	00				
D	10	30	30	02	Industrial Turntables	14	71	00		R	ITT	
D	10	30	30	03	Vehicle Turntables	14	71	11		R	VTT	
D	10	30	30	04	Hospitality Turntables	14	72	00		R	HTT	
D	10	30	30	05	Restaurant Turntables	14	72	25		R	RTT	
D	10	30	30	06	Exhibit Turntables	14	73	00		R	ETT	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	10	30	30	07	Display Turntables	14	73	59		R	DTT
D	10	30	30	08	Entertainment Turntables	14	74	00		R	TTT
D	10	30	30	09	Stage Turntables	14	74	61		R	STT
D	10	30	50		Passenger Loading Bridges	34	77	13			
D	10	30	50	01	Passenger Loading Bridges Performance Requirements	01	85	00			
D	10	30	50	02	Aircraft Passenger Loading Bridges	34	77	13		R	PBB
D	10	30	50	03	Ship Passenger Loading Bridges	34	77	13		R	SPB
D	10	30	70		People Movers						
D	10	30	70	01	People Mover Performance Requirements	01	85	00			
D	10	30	70	02	Car Capacity						
D	10	30	70	03	Car Speed						
D	10	30	70	04	Monorails	34	12	00		R	MRL
D	10	30	70	05	Funiculars	34	13	00		R	FNC
D	10	30	70	06	Cable Transportation	34	14	00		R	CTP
D	10	50			Material Handling						
					Material Handling Performance Requirements	01	85	00			
					Load Capacity	01	85	00			
D	10	50	10		Cranes	41	22	13			
D	10	50	20		Hoists	41	22	23			
D	10	50	30		Derricks	41	22	33			
D	10	50	40		Conveyors	41	21	00		R	CVY
D	10	50	50		Baggage Handling Equipment	34	77	16		R	BHS
D	10	50	50	01	Conveyor Section					R	CBT
D	10	50	60		Chutes	14	91	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	10	50	60	01	Coal Chutes	14	91	13			
D	10	50	60	02	Escape Chutes	14	91	23			
D	10	50	60	03	Laundry and Linen Chutes	14	91	33			
D	10	50	60	04	Trash Chutes	14	91	82			
D	10	50	70		Pneumatic Tube Systems	14	92	00			
D	10	80			Operable Access Systems						
					Operable Access Systems Performance Requirements						
D	10	80	10		Suspended Scaffolding	14	81	00			
D	10	80	20		Rope Climbers	14	82	00			
D	10	80	30		Elevating Platforms	14	83	00			
D	10	80	40		Powered Scaffolding	14	84	00			
D	10	80	40	01	Window Washing Scaffolding	14	84	13			
D	10	80	50		Building Envelope Access						
D	10	80	50	01	Façade Access Equipment	11	24	23			
D	20				PLUMBING	22	00	00			
					Plumbing Performance Requirements	01	86	16			
D	20	10			Domestic Water Distribution	22	11	00			
					Domestic Water Distribution Performance Requirements	01	86	16			
					Sustainable Design Requirements	01	86	16			
					Plumbing Fixture Water Consumption	01	86	16			
D	20	10	10		Facility Potable-Water Storage Tanks	22	12	00			
D	20	10	20		Domestic Water Equipment						
D	20	10	20	01	Domestic Water Pumps	22	11	23	R		BSP
D	20	10	20	02	Domestic Water Softeners	22	31	00	R		DWS
D	20	10	20	03	Domestic Water Filtration Equipment	22	32	00	R		WFE

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	20	10	20	04	Domestic Water Heaters					R	WHR
D	20	10	20	05	Electric Domestic Water Heaters	22	33	00		R	EWH
D	20	10	20	06	Fuel-Fired Domestic Water Heaters	22	34	00		R	FWH
D	20	10	20	07	Domestic Water Heat Exchangers	22	35	00		R	WHX
D	20	10	40		Domestic Water Piping	22	11	16			
D	20	10	40	01	Domestic Water Piping Specialties	22	11	19			
D	20	10	60		Plumbing Fixtures	22	40	00		R	RRM
D	20	10	60	01	Residential Plumbing Fixtures	22	41	00			
D	20	10	60	02	Residential Water Closets	22	41	13			
D	20	10	60	03	Residential Urinals	22	41	13			
D	20	10	60	04	Residential Bidets	22	41	13			
D	20	10	60	05	Residential Lavatories	22	41	16			
D	20	10	60	06	Residential Sinks	22	41	16			
D	20	10	60	07	Residential Bathtubs	22	41	19			
D	20	10	60	08	Residential Showers	22	41	23			
D	20	10	60	09	Residential Disposers	22	41	26			
D	20	10	60	10	Residential Laundry Trays	22	41	36			
D	20	10	60	11	Residential Plumbing Fixture Trim	22	41	39			
D	20	10	60	12	Commercial Plumbing Fixtures	22	42	00			
D	20	10	60	13	Commercial Water Closets	22	42	13			
D	20	10	60	14	Commercial Urinals	22	42	13		R	URL
D	20	10	60	15	Commercial Bidets	22	42	13			
D	20	10	60	16	Commercial Lavatories	22	42	16		R	LAV
D	20	10	60	17	Commercial Sinks	22	42	16		R	SNK
D	20	10	60	18	Commercial Bathtubs	22	42	19			
D	20	10	60	19	Commercial Showers	22	42	23			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	20	10	60	20	Commercial Disposers	22	42	26			
D	20	10	60	21	Shampoo Bowls	22	42	29			
D	20	10	60	22	Wash Fountains	22	42	33			
D	20	10	60	23	Commercial Laundry Trays	22	42	36			
D	20	10	60	24	Commercial Plumbing Fixture Trim	22	42	39			
D	20	10	60	25	Flushometers	22	42	43			
D	20	10	60	26	Healthcare Plumbing Fixtures Healthcare Water Closets	22	43	13			
D	20	10	60	27	Healthcare Sinks	22	43	16			
D	20	10	60	28	Healthcare Bathtubs	22	43	19			
D	20	10	60	29	Healthcare Showers	22	43	23			
D	20	10	60	30	Healthcare Faucets	22	43	39			
D	20	10	60	31	Healthcare Flushometers	22	43	43			
D	20	10	60	32	Emergency Plumbing Fixtures	22	45	00	R		EPF
D	20	10	60	33	Emergency Showers	22	45	13	R		EGS
D	20	10	60	34	Eyewash Equipment	22	45	16	R		EWE
D	20	10	60	35	Eye/Face Wash Equipment	22	45	26	R		FEW
D	20	10	60	36	Hand-Held Emergency Drench Hoses	22	45	29	R		HDH
D	20	10	60	37	Combination Emergency Fixture Units	22	45	33	R		CEF
D	20	10	60	38	Emergency Fixture Water-Tempering Equipment	22	45	36			
D	20	10	60	39	Security Plumbing Fixtures	22	46	00			
D	20	10	60	40	Security Water Closets	22	46	13			
D	20	10	60	41	Security Urinals	22	46	13			
D	20	10	60	42	Security Lavatories	22	46	16			
D	20	10	60	43	Security Sinks	22	46	16			
D	20	10	60	44	Security Plumbing Fixture Trim	22	46	39			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
D	20	10	60	45	Security Flushometers	22	46	43					
D	20	10	60	46	Security Plumbing Fixture Supports	22	46	53					
D	20	10	60	47	Drinking Fountains and Water Coolers	22	47	00					
D	20	10	60	48	Drinking Fountains	22	47	13		R		DRF	
D	20	10	60	49	Remote Water Coolers	22	47	23					
D	20	10	90		Domestic Water Distribution Supplementary								
D	20	10	90	01	Components								
D	20	10	90	02	Mechanical Metal Supports	05	45	13					
D	20	10	90	03	Common Work Results for Plumbing	22	05	00					
D	20	10	90	04	Expansion Fittings and Loops	22	05	16					
D	20	10	90	05	Meters and Gages	22	05	19		R		DWM	
D	20	10	90	06	Valves	22	05	23		R		DWV	
D	20	10	90	07	Hangers and Supports	22	05	29					
D	20	10	90	08	Heat Tracing	22	05	33					
D	20	10	90	09	Vibration and Seismic Controls	22	05	48					
D	20	10	90	10	Identification	22	05	53					
D	20	10	90	11	Insulation	22	07	00					
D	20	10	90	12	Instrumentation and Controls	22	09	00		R		DWI	
D	20	10	90	13	Pressure Reducing Valve					R		PRV	
D	20	10	90	14	Backflow Preventer					R		BFP	
D	20	20			Sanitary Drainage	22	13	00					
					Sanitary Drainage Systems Performance Requirements	01	86	16					
D	20	20	10		Sanitary Sewerage Equipment								
D	20	20	10	01	Sanitary Waste Interceptors	22	13	23		R		SWI	
D	20	20	10	02	Sanitary Waste Separators	22	13	26		R		SWS	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	20	20	10	03	Sanitary Sewerage Pumps	22	13	29		R	SSP
D	20	20	10	04	Packaged, Submersible Sewerage Pump Units	22	13	33		R	PSP
D	20	20	10	05	Packaged, Wastewater Pump Units	22	13	36		R	WWP
D	20	20	10	06	Facility Packaged, Sewerage Pumping Stations	22	13	43		R	FSP
D	20	20	10	07	Facility Septic Tanks	22	13	53		R	FST
D	20	20	10	08	Grease Interceptor Tanks					R	GIT
D	20	20	30		Sanitary Sewerage Piping						
D	20	20	30	01	Sanitary Sewers	22	13	13			
D	20	20	30	02	Sanitary Waste and Vent Piping	22	13	16			
D	20	20	30	03	Sanitary Waste Piping Specialties	22	13	19			
D	20	20	30	04	Sanitary Drains	22	13	19	13		
D	20	20	30	05	Fats, Oils, and Grease Disposal Systems	22	13	19	23		
D	20	20	30	06	Grease Removal Devices	22	13	19	26		
D	20	20	30	07	Backwater Valves	22	13	19	33	R	BWV
D	20	20	30	08	Air-Admittance Valves	22	13	19	36		
D	20	20	30	09	Sanitary Drainage Manholes	22	05	73			
D	20	20	30	10	Sanitary Drainage Piping Cleanouts	22	05	76			
D	20	20	90		Sanitary Drainage Supplementary Components						
D	20	20	90	01	Mechanical Metal Supports	05	45	13			
D	20	20	90	02	Common Work Results for Plumbing	22	05	00			
D	20	20	90	03	Expansion Fittings and Loops	22	05	16			
D	20	20	90	04	Meters and Gages	22	05	19		R	SDM
D	20	20	90	05	Valves	22	05	23			
D	20	20	90	06	Hangers and Supports	22	05	29			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
D	20	20	90	07	Heat Tracing	22	05	33					
D	20	20	90	08	Vibration and Seismic Controls	22	05	48					
D	20	20	90	09	Identification	22	05	53					
D	20	20	90	10	Insulation	22	07	00					
D	20	20	90	11	Instrumentation and Controls	22	09	00		R		SDI	
D	20	20	90	12	Backflow Preventer					R		SBP	
D	20	30			Building Support Plumbing Systems	22	14	00					
					Building Support Plumbing Systems Performance Requirements	01	86	16					
D	20	30	10		Stormwater Drainage Equipment								
D	20	30	10	01	Stormwater Drainage Pumps	22	14	33		R		SDP	
						22	14	36					
D	20	30	10	02	Stormwater Drainage Sump Pumps	22	14	29		R		SMP	
D	20	30	10	03	Rainwater Storage Tanks	22	14	53		R		RST	
D	20	30	20		Stormwater Drainage Piping	22	14	13					
D	20	30	20	01	Rainwater Leaders	22	14	16					
D	20	30	20	02	Stormwater Drainage Piping Specialties	22	14	23					
D	20	30	20	03	Stormwater Drainage Manholes	22	05	73					
D	20	30	20	04	Stormwater Drainage Piping Cleanouts	22	05	76					
D	20	30	30		Facility Stormwater Drains	22	14	26					
D	20	30	30	01	Area Drains	22	14	26	13				
D	20	30	30	02	Roof Drains	22	14	26	16				
D	20	30	30	03	Trench Drains	22	14	26	19				
D	20	30	60		Gray Water Systems								
D	20	30	60	01	Gray Water Tanks	22	13	63					
D	20	30	60	02	Gray Water Equipment					R		GWE	
D	20	30	60	03	Gray Water Treatment Equipment					R		GTE	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
D	20	30	60	04	Gray Water Piping System								
D	20	30	60	05	Gray Water Specialties								
D	20	30	90		Building Support Plumbing System Supplementary Components								
D	20	30	90	01	Mechanical Metal Supports	05	45	13					
D	20	30	90	02	Common Work Results for Plumbing	22	05	00					
D	20	30	90	03	Expansion Fittings and Loops	22	05	16					
D	20	30	90	04	Meters and Gages	22	05	19		R		BSM	
D	20	30	90	05	Valves	22	05	23		R		BSV	
D	20	30	90	06	Hangers and Supports	22	05	29					
D	20	30	90	07	Heat Tracing	22	05	33					
D	20	30	90	08	Vibration and Seismic Controls	22	05	48					
D	20	30	90	09	Identification	22	05	53					
D	20	30	90	10	Insulation	22	07	00					
D	20	30	90	11	Instrumentation and Controls	22	09	00					
D	20	50			General Service Compressed-Air	22	15	00					
					General Service Compressed-Air Performance Requirements	01	86	16					
					General Service Compressed-Air Piping	22	15	13					
					General Service Compressed-Air Valves	22	15	16					
					General Service Packaged Air Compressors and Receivers	22	15	19					
D	20	60			Process Support Plumbing Systems								
D	20	60	10		Compressed-Air Systems	22	61	00					
D	20	60	10	01	Compressed-Air Systems Performance Requirements	01	86	16					
D	20	60	10	02	Laboratory Air Operating Pressure	01	86	16					
D	20	60	10	03	Medical Air Operating Pressure	01	86	16					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	20	60	10	04	Dental Air Operating Pressure	01	86	16			
D	20	60	10	05	Instrument Air Operating Pressure	01	86	16			
					Medical Laboratory Air Operating Pressure	01	86	16			
D	20	60	10	06	Air Capacity	01	86	16			
D	20	60	10	07	Compressed-Air Piping	22	61	13			
D	20	60	10	08	Compressed-Air Equipment	22	61	19		R	CAE
D	20	60	20		Vacuum Systems	22	62	00			
					Vacuum Systems Performance Requirements	01	86	16			
D	20	60	20	01	Laboratory Vacuum Operation Level	01	86	16			
D	20	60	20	02	Medical Surgical Vacuum Operation Level	01	86	16			
D	20	60	20	03	Waste Anesthetic Gas Disposal Vacuum Operation Level	01	86	16			
					Dental Vacuum Operation Level	01	86	16			
D	20	60	20	04	Oral-Evacuation Vacuum Operation Level	01	86	16			
D	20	60	20	05	Healthcare Laboratory Vacuum Operation Level	01	86	16			
D	20	60	20	06	Vacuum Piping	22	62	13			
D	20	60	20	07	Vacuum Equipment	22	62	19		R	VCE
D	20	60	20	08	Waste Anesthesia-Gas Piping	22	62	23			
D	20	60	30		Gas Systems	22	63	00			
					Gas Systems Performance Requirements	01	86	16			
D	20	60	30	01	Medical Carbon Dioxide Operating Pressure	01	86	16			
D	20	60	30	02	Medical Helium Operating Pressure	01	86	16			
D	20	60	30	03							

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT								
D	20	60	30	04	Medical Nitrogen Operating Pressure	01	86	16						
					Medical Nitrous Oxide Operating Pressure	01	86	16						
D	20	60	30	05										
D	20	60	30	06	Medical Oxygen Operating Pressure	01	86	16						
D	20	60	30	07	Gas Piping	22	63	13						
D	20	60	40		Gas Storage Tanks Gas Equipment	22	63	19						
D	20	60	40	01	Chemical-Waste Systems	22	66	00						
					Chemical-Waste Systems Performance Requirements	01	86	16						
D	20	60	40	02										
D	20	60	40	03	Single-Wall Piping Pressure Rating	01	86	16						
					Double-Containment Piping Pressure Rating	01	86	16						
D	20	60	40	04										
D	20	60	40	05	Field-Fabrication Containment-Piping Pressure Rating	01	86	16						
D	20	60	40	06	Laboratory Chemical-Waste Piping	22	66	53						
D	20	60	40	07	Healthcare Chemical-Waste Piping	22	66	70						
D	20	60	40	08	Chemical-Waste Tanks	22	66	83						
D	20	60	50		Processed Water Systems	22	67	00						
D	20	60	50	01	Processed Water Systems Performance	01	86	16						
					Reagent-Water Piping Operating Pressure	01	86	16						
D	20	60	50	02										
					Deionized-Water Piping Operating Pressure	01	86	16						
D	20	60	50	03										
					Distilled-Water Piping Operating Pressure	01	86	16						
D	20	60	50	04										
					Reverse-Osmosis-Water Piping Operating Pressure	01	86	16						
D	20	60	50	05										
D	20	60	50	06	Processed Water Piping	22	67	13						
D	20	60	50	07	Processed Water Equipment	22	67	19		R		PWE		

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
					Heating Systems Performance Requirements	01	86	19					
					Sustainable Design Requirements	01	86	19					
D	30	20	10		Heat Generation								
D	30	20	10	01	Fuel Heat Generation					R		FHG	
D	30	20	10	02	Breechings, Chimneys, and Stacks	23	51	00					
D	30	20	10	03	Fuel-Fired Heating Boilers	23	52	00		R		FHB	
D	30	20	10	04	Electric Heating Boilers	23	52	13		R		EHB	
D	30	20	10	05	Heating Boiler Feedwater Equipment	23	53	00		R		HBF	
D	30	20	10	06	Boiler Feedwater Pumps	23	53	13		R		PBF	
D	30	20	10	07	Deaerators	23	53	16		R		DAE	
D	30	20	10	08	Furnaces	23	54	00		R		FRN	
D	30	20	10	09	Solar Heat Generation	23	56	00		R		SHG	
D	30	20	10	10	Heating Solar Collectors	23	56	13		R		HSC	
D	30	20	10	11	Packaged Solar Heating Equipment	23	56	16		R		HHE	
D	30	20	10	12	Geothermal Heat Generation					R		GHG	
D	30	20	10	13	Biomass Heat Generation					R		BHG	
D	30	20	10	14	Fuel-Fired Heaters	23	55	00		R		FHT	
D	30	20	10	15	Heat Exchangers for HVAC	23	57	00		R		HEX	
D	30	20	10	16	Steam Boilers					R		STB	
D	30	20	10	17	Expansion Tanks					R		EXT	
D	30	20	10	18	Heat Recovery Steam Generator					R		RSG	
D	30	20	30		Thermal Heat Storage	23	71	13					
D	30	20	70		Decentralized Heating Equipment	23	80	00					
D	30	20	70	01	Convection Heating Units	23	82	00		R		CHU	
D	30	20	70	02	Valance Heating Units	23	82	13		R		VHU	
D	30	20	70	03	Chilled Beams	23	82	14		R		HCB	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	30	20	70	04	Air Coils	23	82	16		R	HAC
D	30	20	70	05	Fan Coil Units	23	82	19		R	HFC
D	30	20	70	06	Unit Ventilators	23	82	23		R	HUV
D	30	20	70	07	Induction Units	23	82	26		R	HIU
D	30	20	70	08	Radiators	23	82	29		R	DHR
D	30	20	70	09	Convectors	23	82	33		R	DHC
D	30	20	70	10	Finned-Tube Radiation Heaters	23	82	36		R	FRH
D	30	20	70	11	Unit Heaters	23	82	39		R	UHT
D	30	20	70	12	Radiant Heating Units	23	83	00		R	RHU
					Heating System Supplementary Components						
D	30	20	90								
D	30	20	90	01	Mechanical Metal Supports	05	45	13			
D	30	20	90	02	Common Work Results for HVAC	23	05	00			
D	30	20	90	03	Meters and Gages	23	05	19		R	HSM
D	30	20	90	04	General-Duty Valves	23	05	23		R	HGV
D	30	20	90	05	Hangers and Supports	23	05	29			
D	30	20	90	06	Vibration and Seismic Controls	23	05	48			
D	30	20	90	07	Identification	23	05	53			
D	30	20	90	08	Anti-Microbial Coatings	23	05	63			
D	30	20	90	09	Anti-Microbial Ultraviolet Emitters	23	05	66			
D	30	20	90	10	Testing, Adjusting, and Balancing	23	05	93			
D	30	20	90	11	Insulation	23	07	00			
D	30	20	90	12	Instrumentation and Control	23	09	00		R	HIC
D	30	20	90	13	Hot Water Distribution System Pump					R	HWP
D	30	30			Cooling Systems						
					Cooling Systems Performance Requirements	01	86	19			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
					Sustainable Design Requirements	01	86	19					
D	30	30	10		Central Cooling	23	60	00					
D	30	30	10	01	Refrigerant Compressors	23	61	00		R		RCP	
D	30	30	10	02	Refrigerant Condensers	23	63	00		R		RCO	
D	30	30	10	03	Packaged Compressor and Condenser Units	23	62	00		R		CCU	
D	30	30	10	04	Water Chillers	23	64	00		R		WCH	
D	30	30	10	05	Cooling Towers	23	65	00		R		CGT	
D	30	30	10	05	Air Cooled Chiller Unit					R		ACU	
D	30	30	30		Evaporative Air-Cooling	23	76	00					
D	30	30	50		Thermal Cooling Storage	23	71	00					
D	30	30	50	01	Chilled-Water Thermal Storage	23	71	16		R		CWS	
D	30	30	50	02	Ice Storage	23	71	19		R		IST	
D	30	30	70		Decentralized Cooling	23	80	00					
D	30	30	70	01	Air-Conditioners					R		ARC	
D	30	30	70	02	Packaged Terminal Air-Conditioners	23	81	13		R		TAC	
D	30	30	70	03	Room Air-Conditioners	23	81	16		R		RAC	
D	30	30	70	04	Self-Contained Air-conditioners	23	81	19		R		SAC	
D	30	30	70	05	Computer-Room Air-Conditioners	23	81	23		R		CRC	
D	30	30	70	06	Split-System Air-Conditioners	23	81	26		R		SSC	
D	30	30	70	07	Unitary Heat Pumps					R		UHP	
D	30	30	70	08	Air-Source Heat Pumps	23	81	43		R		AHP	
D	30	30	70	09	Water-Source Heat Pumps	23	81	46		R		WHP	
D	30	30	70	10	Convection Cooling Units	23	82	00		R		CVC	
D	30	30	70	11	Valance Cooling Units	23	82	13		R		VCU	
D	30	30	70	12	Chilled Beams	23	82	14		R		CBC	
D	30	30	70	13	Air Coils	23	82	16		R		CAC	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	30	30	70	14	Fan Coil Units	23	82	19		R	CFC
D	30	30	70	15	Unit Ventilators	23	82	23		R	CUV
D	30	30	70	16	Induction Units	23	82	26		R	CIU
D	30	30	70	17	Convectors	23	82	33		R	DCC
D	30	30	70	18	Preconditioned Air Unit					R	PAC
D	30	30	70	19	Condensing Unit					R	CDU
D	30	30	90		Cooling System Supplementary Components						
D	30	30	90	01	Mechanical Metal Supports	05	45	13			
D	30	30	90	02	Common Work Results for HVAC	23	05	00			
D	30	30	90	03	Meters and Gages	23	05	19		R	CSM
D	30	30	90	04	General-Duty Valves	23	05	23		R	CSV
D	30	30	90	05	Hangers and Supports	23	05	29			
D	30	30	90	06	Vibration and Seismic Controls	23	05	48			
D	30	30	90	07	Identification	23	05	53			
D	30	30	90	08	Anti-Microbial Coatings	23	05	63			
D	30	30	90	09	Anti-Microbial Ultraviolet Emitters	23	05	66			
D	30	30	90	10	Testing, Adjusting, and Balancing	23	05	93			
D	30	30	90	11	Insulation	23	07	00			
D	30	30	90	12	Instrumentation and Control	23	09	00		R	CIC
D	30	30	90	13	Chilled Water Distribution System Pump					R	CWP
D	30	30	90	14	Glycol Distribution System Pump					R	GWP
D	30	30	90	15	Water Filter System					R	WFS
D	30	30	90	16	Condenser Water Pump					R	DWP
D	30	50			Facility HVAC Distribution Systems						
D	30	50	10		Facility Hydronic Distribution						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
D	30	50	10	01	Hydronic Distribution Performance Requirements	01	86	19					
D	30	50	10	02	Hot-Water Heating Piping Working Pressure and Temperature	01	86	19					
D	30	50	10	03	Chilled-Water Piping Working Pressure and Temperature	01	86	19					
D	30	50	10	04	Dual-Temperature Heating and Cooling Water Piping Working Pressure and Temperature	01	86	19					
D	30	50	10	05	Condenser-Water Piping Working Pressure and Temperature	01	86	19					
D	30	50	10	06	Glycol Cooling-Water Piping Working Pressure and Temperature	01	86	19					
D	30	50	10	07	Makeup-Water Piping Working Pressure and Temperature	01	86	19					
D	30	50	10	08	Condensate-Drain Piping Working Temperature	01	86	19					
D	30	50	10	09	Blowdown-Drain Piping Working Temperature	01	86	19					
D	30	50	10	10	Air-Vent Piping Temperature	01	86	19					
D	30	50	10	11	Hydronic Pumps Capacities	01	86	19					
D	30	50	10	12	Hydronic Piping System								
D	30	50	10	13	Hydronic Pumps	23	21	23		R		HYP	
D	30	50	10	14	Hydronic Piping	23	21	13					
D	30	50	10	15	Water Treatment for Hydronic Systems	23	25	00					
D	30	50	30		Facility Steam Distribution								
D	30	50	30	01	Steam Distribution Performance Requirements	01	86	19					
D	30	50	30	02	High Pressure Steam Piping Working Pressure	01	86	19					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
D	30	50	30	03	Low Pressure Steam Piping Working Pressure	01	86	19					
D	30	50	30	04	Condensate Piping Working Pressure and Temperature	01	86	19					
D	30	50	30	05	Makeup-Water Piping Working Pressure and Temperature	01	86	19					
D	30	50	30	06	Steam Condensate Pump Capacity	01	86	19					
D	30	50	30	07	Steam Piping System								
D	30	50	30	08	Steam Condensate Pumps	23	22	23		R		SCP	
D	30	50	30	09	Steam Piping	23	22	13					
D	30	50	30	10	Water Treatment for Steam Systems	23	25	19					
D	30	50	30	11	Steam Condensate Tank					R		SCT	
D	30	50	50		HVAC Air Distribution								
D	30	50	50	01	HVAC Air Distribution Performance Requirements	01	86	19					
D	30	50	50	02	Sustainable Design Requirements	01	86	19					
D	30	50	50	03	Fan Total Airflow and External Static	01	86	19					
D	30	50	50	04	Pressure								
D	30	50	50	05	Pressure Class, Seal Class, and Leakage	01	86	19					
D	30	50	50	06	Class for Supply Ducts								
D	30	50	50	07	Pressure Class, Seal Class, and Leakage	01	86	19					
D	30	50	50	08	Class for Return Ducts								
D	30	50	50	09	Filtration Efficiency	01	86	19					
D	30	50	50	10	Air-Handling Units					R		AHU	
D	30	50	50	11	Indoor Central-Station Air-Handling Units	23	73	00		R		IHU	
D	30	50	50	12	Packaged Outdoor HVAC Equipment	23	74	00		R		OHV	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	30	50	50	13	Custom-Packaged Outdoor HVAC	23	75	00		R	COH
D	30	50	50	14	Equipment						
D	30	50	50	15	HVAC Air Distribution Components	23	30	00			
D	30	50	50	16	HVAC Fans	23	34	00		R	HVF
D	30	50	50	17	HVAC Ducts and Casings	23	31	00			
D	30	50	50	18	Air Plenums and Chases	23	32	00			
D	30	50	50	19	Air Duct Accessories	23	33	00			
D	30	50	50	20	Air Terminal Units	23	36	00		R	ATU
D	30	50	50	21	Air Outlets and Inlets	23	37	00			
D	30	50	50	22	HVAC Air Cleaning Devices	23	40	00			
D	30	50	50	23	Particulate Air Filtration	23	41	00			
D	30	50	50	24	Gas-Phase Air Filtration	23	42	00			
D	30	50	50	25	Electronic Air Cleaners	23	43	00			
D	30	50	50	26	Humidity Control	23	84	00			
D	30	50	50	27	Makeup Air Unit					R	MAU
D	30	50	90		Facility Distribution Systems Supplementary Components						
D	30	50	90	01	Mechanical Metal Supports	05	45	13			
D	30	50	90	02	Common Work Results for HVAC	23	05	00			
D	30	50	90	03	Expansion Fittings and Loops	23	05	16			
D	30	50	90	04	Meters and Gages	23	05	19		R	MTR
D	30	50	90	05	General-Duty Valves	23	05	23		R	TMV
D	30	50	90	06	Hangers and Supports	23	05	29			
D	30	50	90	07	Heat Tracing	23	05	33			
D	30	50	90	08	Vibration and Seismic Controls	23	05	48			
D	30	50	90	09	Identification	23	05	53			
D	30	50	90	10	Anti-Microbial Coatings	23	05	63			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	30	50	90	11	Anti-Microbial Ultraviolet Emitters	23	05	66			
D	30	50	90	12	Testing, Adjusting, and Balancing	23	05	93			
D	30	50	90	13	Insulation	23	07	00			
D	30	50	90	14	Instrumentation and Control	23	09	00	R		DSI
D	30	60			Ventilation						
					Ventilation Performance Requirements	01	86	19			
					Sustainable Design Requirements	01	86	19			
					Fan Total Airflow and External Static Pressure	01	86	19			
					Pressure Class, Seal Class, and Leakage Class for Exhaust Ducts	01	86	19			
D	30	60	10		Supply Air						
D	30	60	10	01	Supply Air HVAC Fans	23	34	00	R		SFU
D	30	60	10	02	Supply Air Ducts and Casings	23	31	00			
D	30	60	10	03	Supply Air Plenums and Chases	23	32	00			
D	30	60	10	04	Supply Air Duct Accessories	23	33	00			
D	30	60	10	05	Supply Air Terminal Units	23	36	00			
D	30	60	10	06	Supply Air Outlets	23	37	00	R		SAO
D	30	60	10	06	Pressurization Fan Unit				R		PFU
D	30	60	20		Return Air						
D	30	60	20	01	Return Air HVAC Fans	23	34	00	R		RHF
D	30	60	20	02	Return Air Ducts and Casings	23	31	00			
D	30	60	20	03	Return Air Plenums and Chases	23	32	00			
D	30	60	20	04	Return Air Duct Accessories	23	33	00			
D	30	60	20	05	Return Air Outlets and Inlets	23	37	00			
D	30	60	30		Exhaust Air						
D	30	60	30	01	Special Exhaust Systems	23	35	00	R		SXS

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	30	60	30	02	Air-Borne Particulate Collection Systems Sawdust Collection Systems	23	35	13	13	R	CSS
D	30	60	30	03	Engine Exhaust Systems	23	35	16		R	EES
D	30	60	30	04	Ventilation Hoods	23	38	00		R	VTH
D	30	60	30	05	Commercial Kitchen Hoods	23	38	13		R	CKH
D	30	60	30	06	Fume Hood Exhaust	23	38	16		R	FHE
D	30	60	30	07	Exhaust Air HVAC Fans	23	34	00		R	EXF
D	30	60	30	08	Exhaust Air Ducts and Casings	23	31	00			
D	30	60	30	09	Exhaust Air Plenums and Chases	23	32	00			
D	30	60	30	10	Exhaust Air Duct Accessories	23	33	00			
D	30	60	30	11	Exhaust Air Inlets	23	37	00			
D	30	60	40		Outside Air						
D	30	60	40	01	Outside Air HVAC Fans	23	34	00		R	OHF
D	30	60	40	02	Outside Air Ducts and Casings	23	31	00			
D	30	60	40	03	Outside Air Plenums and Chases	23	32	00			
D	30	60	40	04	Outside Air Duct Accessories	23	33	00			
D	30	60	40	05	Outside Air Terminal Units	23	36	00			
D	30	60	40	06	Outside Air Outlets and Inlets	23	37	00			
D	30	60	60		Air-to-Air Energy Recovery	23	72	00			
D	30	60	70		HVAC Air Cleaning	23	40	00			
D	30	60	90		Ventilation Supplementary Components						
D	30	60	90	01	Mechanical Metal Supports	05	45	13			
D	30	60	90	02	Common Work Results for HVAC	23	05	00			
D	30	60	90	03	Hangers and Supports	23	05	29			
D	30	60	90	04	Vibration and Seismic Controls	23	05	48			
D	30	60	90	05	Identification	23	05	53			
D	30	60	90	06	Anti-Microbial Coatings	23	05	63			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	30	60	90	07	Anti-Microbial Ultraviolet Emitters	23	05	66			
D	30	60	90	08	Testing, Adjusting, and Balancing	23	05	93			
D	30	60	90	09	Insulation	23	07	00			
D	30	60	90	10	Instrumentation and Control	23	09	00		R	VIC
D	30	70			Special Purpose HVAC Systems						
D	30	70	10		Snow Melting						
D	30	70	10	01	Radiant-Heating Electric Cables	23	83	13			
D	30	70	10	02	Radiant-Heating Hydronic Piping	23	83	16			
D	40				FIRE PROTECTION						
D	40	10			Fire Suppression	21	00	00			
					Fire Suppression Performance Requirements	01	86	13			
D	40	10	10		Water-Based Fire-Suppression	21	10	00			
D	40	10	10	01	Water-Based Fire Suppression Performance Requirements	01	86	13			
D	40	10	10	02	Sprinkler Occupancy Hazard Classifications	01	86	13			
D	40	10	10	03	Standard-Pressure Piping Working Pressure	01	86	13			
D	40	10	10	04	High-Pressure Piping Working Pressure	01	86	13			
D	40	10	10	05	Fire-Suppression Water Storage	21	40	00			
D	40	10	10	06	Fire Pumps	21	30	00		R	FPM
D	40	10	10	07	Fire-Suppression Piping	21	11	00			
D	40	10	10	08	Fire-Suppression Standpipes	21	12	00		R	STP
D	40	10	10	09	Fire-Suppression Sprinkler Systems	21	13	00		R	FSS
D	40	10	10	10	Wet-Pipe Sprinkler Systems	21	13	13		R	WSS
D	40	10	10	11	Dry-Pipe Sprinkler Systems	21	13	16		R	DSS
D	40	10	10	12	Preaction Sprinkler Systems	21	13	19		R	PSS

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	40	10	10	13	Combined Dry-Pipe and Preaction Sprinkler Systems	21	13	23		R	COS
D	40	10	10	14	Deluge Fire-Suppression Sprinkler Systems	21	13	26		R	DFS
D	40	10	10	15	Water Spray Fixed Systems	21	13	29		R	WSF
D	40	10	10	16	Antifreeze Sprinkler Systems	21	13	36		R	AFS
D	40	10	10	17	Foam-Water Systems	21	13	39		R	FWS
D	40	10	50		Fire-Extinguishing	21	20	00			
D	40	10	50	01	Carbon-Dioxide Fire-Extinguishing Systems	21	21	00		R	COD
D	40	10	50	02	Clean-Agent Fire-Extinguishing Systems	21	22	00		R	CAF
D	40	10	50	03	Wet-Chemical Fire-Extinguishing Systems	21	23	00		R	WCE
D	40	10	50	04	Dry-Chemical Fire-Extinguishing Systems	21	24	00		R	DCE
D	40	10	90		Fire Suppression Supplementary Components						
D	40	10	90	01	Mechanical Metal Supports	05	45	13			
D	40	10	90	02	Common Work Results for Fire Suppression	21	05	00			
D	40	10	90	03	Expansion Fittings and Loops	21	05	16			
D	40	10	90	04	Meters and Gages	21	05	19		R	FSM
D	40	10	90	05	General-Duty Valves	21	05	23		R	FGV
D	40	10	90	06	Hangers and Supports	21	05	29			
D	40	10	90	07	Heat Tracing	21	05	33			
D	40	10	90	08	Vibration and Seismic Controls	21	05	48			
D	40	10	90	09	Identification	21	05	53			
D	40	10	90	10	Insulation	21	07	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	40	10	90	11	Instrumentation and Control	21	09	00		R	FSI
D	40	10	90	12	Backflow Preventer					R	FBP
D	40	30			Fire Protection Specialties	10	44	00			
D	40	30	10		Fire Protection Cabinets	10	44	13		R	FHC
D	40	30	30		Fire Extinguishers	10	44	16		R	FXH
D	40	30	50		Breathing Air Replenishment Systems	10	44	33			
D	40	30	70		Fire Extinguisher Accessories	10	44	43			
D	50				ELECTRICAL	26	00	00			
					Electrical Performance Requirements	01	86	26			
D	50	10			Facility Power Generation						
					Facility Power Generation Performance Requirements	01	86	26			
					Voltage	01	86	26			
					Power Output Ratings	01	86	26			
D	50	10	10		Packaged Generator Assemblies	26	32	00			
D	50	10	10	01	Engine Generators	26	32	13		R	EGG
D	50	10	10	02	Steam-Turbine Generators	26	32	16		R	STG
D	50	10	10	03	Hydro-Turbine Generators	26	32	19		R	HTG
D	50	10	10	04	Wind Energy Equipment	26	32	23		R	WEE
D	50	10	10	05	Frequency Converters	26	32	26		R	FQC
D	50	10	10	06	Rotary Converters	26	32	29		R	RTC
D	50	10	10	07	Uninterruptible Power Systems	26	32	33		R	UPS
D	50	10	20		Battery Equipment	26	33	00			
D	50	10	20	01	Batteries	26	33	13		R	BTT
D	50	10	20	02	Battery Racks	26	33	16		R	BRK
D	50	10	20	03	Battery Units	26	33	19		R	BTU
D	50	10	20	04	Central Battery Equipment	26	33	23		R	CBE

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	50	10	20	05	Static Power Converters	26	33	33		R	SPC
D	50	10	20	06	Battery Chargers	26	33	43		R	BTC
D	50	10	20	07	Battery Monitoring	26	33	46		R	BTM
D	50	10	20	08	Static Uninterruptible Power Supply	26	33	53		R	SPS
D	50	10	20	09	Inverter Units with Battery Packs	26	33	00		R	IBP
D	50	10	30		Photovoltaic Collectors	26	31	00			
D	50	10	40		Fuel Cells	48	18	00			
D	50	10	60		Power Filtering and Conditioning	26	35	00			
D	50	10	60	01	Capacitors	26	35	13		R	CAP
D	50	10	60	02	Chokes and Inductors	26	35	16		R	CHI
D	50	10	60	03	Electromagnetic-Interference Filters	26	35	23		R	EIF
D	50	10	60	04	Harmonic Filters	26	35	26		R	HFT
D	50	10	60	05	Power Factor Correction Equipment	26	35	33		R	PFC
D	50	10	60	06	Slip Controllers	26	35	36		R	SLC
D	50	10	60	07	Static-Frequency Converters	26	35	43		R	SFC
D	50	10	60	08	Radio-Frequency-Interference Filters	26	35	46		R	RFF
D	50	10	60	09	Voltage Regulators	26	35	53		R	VRG
D	50	10	70		Transfer Switches	26	36	00			
D	50	10	70	01	Automatic Transfer Switches	26	36	13		R	ATS
D	50	10	90		Facility Power Generation Supplementary						
D	50	10	90	01	Components						
D	50	10	90	02	Electrical Metal Supports	05	45	16			
D	50	10	90	03	Common Work Results for Electrical	26	05	00			
D	50	10	90	04	Grounding and Bonding	26	05	26			
D	50	10	90	05	Hangers and Supports	26	05	29			
D	50	10	90	06	Raceways and Boxes	26	05	33			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	50	10	90	07	Vibration and Seismic Controls	26	05	48			
D	50	10	90	08	Identification	26	05	53			
D	50	10	90	09	Wiring Connectors	26	05	83			
D	50	10	90	10	Instrumentation and Control	26	09	00	R		PGI
D	50	20			Electrical Service and Distribution						
					Electrical Service and Distribution Performance Requirements	01	86	26			
D	50	20	10		Electrical Service	26	21	00			
D	50	20	10	01	Electricity Metering	26	16	00	R		ELM
D	50	20	10	02	Substations	26	11	00	R		SBS
D	50	20	10	03	Transformers	26	12	00	R		XFR
						26	22	00			
D	50	20	10	04	Switchgear and Switchboards	26	13	00	R		SSW
						22	23	00			
D	50	20	10	05	Protection Devices	26	18	00	R		PDV
						22	28	00			
D	50	20	30		Power Distribution	26	20	00			
D	50	20	30	01	Switchboards and Panelboards	26	24	00			
D	50	20	30	02	Switchboards	26	24	13	R		SWB
D	50	20	30	03	Panelboards	26	24	16	R		EDP
D	50	20	30	04	Motor-Control Centers	26	24	19	R		MCC
D	50	20	30	05	Bus Assemblies	26	25	00			
D	50	20	30	06	Distribution Equipment	26	27	00	R		PDE
D	50	20	30	07	Electrical Cabinets and Enclosures	26	27	16			
D	50	20	30	08	Raceways and Enclosures	26	05	33			
D	50	20	30	09	Ducts	26	05	43			
D	50	20	30	10	Cable Trays	26	05	36			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	50	20	30	11	Wiring	26	05	13			
D	50	20	30	12	Electrical Wiring System						
D	50	20	30	13	Electric Regulator					R	ERG
D	50	20	30	14	Ground Power Unit					R	GPU
D	50	20	70		Facility Grounding	26	05	26			
D	50	20	70	01	Raceways	26	05	33			
D	50	20	70	02	Wiring	26	05	13			
D	50	20	90		Electrical Service and Distribution Supplementary Components						
D	50	20	90	01	Electrical Metal Supports	05	45	16			
D	50	20	90	02	Common Work Results for Electrical	26	05	00			
D	50	20	90	03	Grounding and Bonding	26	05	26			
D	50	20	90	04	Hangers and Supports	26	05	29			
D	50	20	90	05	Raceways and Boxes	26	05	33			
D	50	20	90	06	Cable Trays	26	05	36			
D	50	20	90	07	Utility Poles	26	05	46			
D	50	20	90	08	Vibration and Seismic Controls	26	05	48			
D	50	20	90	09	Identification	26	05	53			
D	50	20	90	10	Wiring Connectors	26	05	83			
D	50	20	90	11	Instrumentation and Control	26	09	00		R	EDI
D	50	30			General Purpose Electrical Power						
					General Purpose Electrical Power Performance Requirements	01	86	26			
D	50	30	10		Branch Wiring System						
D	50	30	10	01	Raceways and Enclosures	26	05	33			
D	50	30	10	02	Ducts	26	05	43			
D	50	30	10	03	Cable Trays	26	05	36			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	50	30	10	04	Wiring	26	05	19			
D	50	30	50		Wiring Devices	26	27	26			
D	50	30	90		General Purpose Electrical Power Supplementary Components						
D	50	30	90	01	Electrical Metal Supports	05	45	16			
D	50	30	90	02	Common Work Results for Electrical	26	05	00			
D	50	30	90	03	Grounding and Bonding	26	05	26			
D	50	30	90	04	Hangers and Supports	26	05	29			
D	50	30	90	05	Raceways and Boxes	26	05	33			
D	50	30	90	06	Cable Trays	26	05	36			
D	50	30	90	07	Vibration and Seismic Controls	26	05	48			
D	50	30	90	08	Identification	26	05	53			
D	50	30	90	09	Wiring Connectors	26	05	83			
D	50	30	90	10	Instrumentation and Control	26	09	00	R	EPI	
D	50	40			Lighting	26	50	00			
					Lighting Performance Requirements	01	86	26			
					Sustainable Design Requirements	01	86	26			
					Lighting Levels for Various Areas of Facility	01	86	26			
D	50	40	10		Lighting Control	26	09	23			
D	50	40	10	01	Lighting Control Devices	26	09	23	R	LCD	
D	50	40	10	02	Lighting Control Panels	26	09	26	R	LCP	
D	50	40	10	03	Central Dimming Control	26	09	33	R	CDC	
D	50	40	10	04	Modular Dimming Control	26	09	36	R	MDC	
D	50	40	10	05	Network Lighting Control	26	09	43	R	NLC	
D	50	40	20		Theatrical Lighting Control Branch Wiring for Lighting	26	09	61			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
D	50	40	20	01	Raceways and Enclosures	26	05	33					
D	50	40	20	02	Ducts	26	05	43					
D	50	40	20	03	Cable Trays	26	05	36					
D	50	40	20	04	Wiring	26	05	19					
D	50	40	20	05	Wiring Devices	26	27	26					
D	50	40	50		Lighting Fixtures	26	50	00					
D	50	40	50	01	Interior Lighting	26	51	00		R		ILT	
D	50	40	50	02	Emergency Lighting	26	52	00		R		ELT	
D	50	40	50	03	Exit Signs	26	53	00		R		EXS	
D	50	40	50	04	Classified Location Lighting	26	54	00		R		CLL	
D	50	40	50	05	Special Purpose Lighting	26	55	00		R		SPL	
D	50	40	50	06	Outline Lighting	26	55	23		R		OLT	
D	50	40	50	07	Underwater Lighting	26	55	29		R		ULT	
D	50	40	50	08	Hazard Warning Lighting	26	55	33		R		HWL	
D	50	40	50	09	Obstruction Lighting	26	55	36		R		OBL	
D	50	40	50	10	Helipad Lighting	26	55	39		R		HPL	
D	50	40	50	11	Security Lighting	26	55	53		R		SCL	
D	50	40	50	12	Display Lighting	26	55	59		R		DPL	
D	50	40	50	13	Theatrical Lighting	26	55	61		R		THL	
D	50	40	50	14	Detention Lighting	26	55	63		R		DTL	
D	50	40	50	15	Healthcare Lighting	26	55	70		R		HHL	
D	50	40	90		Lighting Supplementary Components								
D	50	40	90	01	Electrical Metal Supports	05	45	16					
D	50	40	90	02	Common Work Results for Electrical	26	05	00					
D	50	40	90	03	Grounding and Bonding	26	05	26					
D	50	40	90	04	Hangers and Supports	26	05	29					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	50	40	90	05	Raceways and Boxes	26	05	33			
D	50	40	90	06	Cable Trays	26	05	36			
D	50	40	90	07	Vibration and Seismic Controls	26	05	48			
D	50	40	90	08	Identification	26	05	53			
D	50	40	90	09	Wiring Connectors	26	05	83			
D	50	40	90	10	Instrumentation and Control	26	09	00		R	LTI
D	50	80			Miscellaneous Electrical Systems						
D	50	80	10		Lightning Protection	26	41	00			
D	50	80	10	01	Lightning Protection Performance Requirements	01	86	26			
D	50	80	10	02	Lightning Protection for Structures	26	41	13			
D	50	80	10	03	Lightning Protection and Dissipation	26	41	16			
D	50	80	10	04	Early Streamer Emission Lightning Protection	26	41	19			
D	50	80	10	05	Lightning Protection Surge Arresters and Suppressors	26	41	23			
D	50	80	40		Cathodic Protection	26	42	00			
D	50	80	40	01	Cathodic Protection Performance Requirements	01	86	26			
D	50	80	40	02	Passive Cathodic Protection for Underground and Submerged Piping	26	42	13			
D	50	80	40	03	Passive Cathodic Protection for Underground Storage Tanks	26	42	16			
D	50	80	70		Transient Voltage Suppression	26	43	00			
D	50	80	90		Miscellaneous Electrical Systems Supplementary Components						
D	50	80	90	01	Common Work Results for Electrical	26	05	00			
D	50	80	90	02	Grounding and Bonding	26	05	26			
D	50	80	90	03	Hangers and Supports	26	05	29			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	50	80	90	04	Raceways and Boxes	26	05	33			
D	50	80	90	05	Cable Trays	26	05	36			
D	50	80	90	06	Vibration and Seismic Controls	26	05	48			
D	50	80	90	07	Identification	26	05	53			
D	50	80	90	08	Wiring Connectors	26	05	83			
D	50	80	90	09	Instrumentation and Control	26	09	00		R	EIC
D	60				COMMUNICATIONS	27	00	00			
					Communications Performance Requirements	01	86	29			
D	60	10			Data Communications	27	20	00			
					Data Communication Performance Requirements	01	86	29			
					Data Communications Network Equipment	27	21	00			
D	60	10	10								
D	60	10	10	01	Data Communications Firewalls	27	21	13			
D	60	10	10	02	Data Communications Routers, CSU/DSU,	27	21	16			
D	60	10	10	03	Multiplexers, Codecs, and Modems						
					Data Communications Network Management	27	21	29			
D	60	10	10	04							
D	60	10	10	05	Data Communications Switches and Hubs	27	21	29			
					Data Communications Wireless Access Points	27	21	33		R	WAP
D	60	10	10	06							
D	60	10	20		Data Communications Hardware	27	22	00			
D	60	10	20	01	Data Communications Mainframes	07	22	13			
					Data Communications Storage and Backup	07	22	16			
D	60	10	20	02							
D	60	10	20	03	Data Communications Servers	07	22	19			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	60	10	20	04	Data Communications Desktops	07	22	23			
D	60	10	20	05	Data Communications Laptops	07	22	26			
D	60	10	20	06	Data Communications Handhelds	07	22	29			
D	60	10	30		Data Communications Peripheral Data Equipment	27	24	00			
D	60	10	30	01	Printers	27	24	13			
D	60	10	30	02	Scanners	27	24	16			
D	60	10	30	03	External Devices	27	24	19			
D	60	10	30	04	Audio-Video Devices	27	24	23			
D	60	10	30	05	Virtual Reality Equipment	27	24	26			
D	60	10	30	06	Disaster Recovery Equipment	27	24	29			
D	60	10	50		Data Communications Software	27	25	00			
D	60	10	50	01	Virus Protection Software	27	25	13			
D	60	10	50	02	Application Suites	27	25	16			
D	60	10	50	03	Email Software	27	25	19			
D	60	10	50	04	Graphics/Multimedia Software	27	25	23			
D	60	10	50	05	Customer Relationship Management Software	27	25	26			
D	60	10	50	06	Operating System Software	27	25	29			
D	60	10	50	07	Database Software	27	25	33			
D	60	10	50	08	Virtual Private Network Software	27	25	37			
D	60	10	50	09	Internet Conferencing Software	27	25	39			
D	60	10	60		Data Communication Program and Integration	27	26	00			
D	60	10	60	01	Services						
D	60	10	60	02	Web Development	27	26	13			
D	60	10	60	03	Database Development	27	26	16			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	60	10	60	04	Application Development	27	26	19			
D	60	10	60	05	Network Integration Requirements	27	26	23			
					Data Communications Integration Requirements	27	26	26			
D	60	10	60	06							
D	60	20			Voice Communications	27	30	00			
					Voice Communication Performance Requirements	01	86	29			
					Voice Communications Switching and Routing	27	31	00			
D	60	20	10								
D	60	20	10	01	Equipment						
D	60	20	10	02	PDX/Key Systems	27	31	13			
D	60	20	10	03	Internet Protocol Voice Switches	27	31	23			
					Voice Communications Terminal Equipment	27	32	00			
D	60	20	20								
D	60	20	20	01	Telephone Sets	27	32	13			
D	60	20	20	02	Wireless Transceivers	27	32	16			
D	60	20	20	03	Elevator Telephones	27	32	23			
D	60	20	20	04	Ring-Down Emergency Telephones	27	32	26			
D	60	20	20	05	Facsimiles and Modems	27	32	29			
D	60	20	20	06	TTY equipment	27	32	36			
D	60	20	20	07	Radio Communications Equipment	27	32	43			
D	60	20	30		Voice Communications Messaging	27	33	00			
D	60	20	30	01	Voice Mail and Auto Attendant	27	33	16			
D	60	20	30	02	Interactive Voice Response	27	33	23			
D	60	20	30	03	Facsimile Servers	27	33	26			
D	60	20	40		Call Accounting	27	34	00			
D	60	20	40	01	Toll Fraud Equipment and Software	27	34	13			
D	60	20	40	02	Telemanagement Software	27	34	16			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	60	20	50		Call Management	27	35	00			
D	60	20	50	01	Digital Voice Announcers	27	35	13			
D	60	20	50	02	Automatic Call Distributors	27	35	16			
D	60	20	50	03	Call Status and Management Displays	27	35	19			
D	60	20	50	04	Dedicated 911 Systems	27	35	23			
D	60	30			Audio-Video Communication	27	40	00			
					Audio-Video Communication Performance Requirements	01	86	29			
D	60	30	10		Audio-Video Systems	27	41	00			
D	60	30	10	01	Architecturally Integrated Audio-Video Equipment	27	41	13			
D	60	30	10	02	Integrated Audio-Video Systems and Equipment	27	41	16			
D	60	30	10	03	Portable Audio-Video Equipment	27	41	19			
D	60	30	10	04	Audio-Video Accessories	27	41	23			
D	60	30	10	05	Master Antenna Television Systems	27	41	33			
D	60	30	10	06	Audio-Video Conferencing	27	41	43			
D	60	30	50		Electronic Digital Systems	27	42	00			
D	60	30	50	01	Point of Sale Systems	27	42	13			
D	60	30	50	02	Transportation Information Display Systems	27	42	16			
D	60	30	50	03	Public Information Systems	27	42	19			
D	60	60			Distributed Communications and Monitoring	27	50	00			
					Distributed Communications and Monitoring	01	86	29			
					Performance Requirements						
D	60	60	10		Distributed Audio-Video Communications Systems	27	51	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	60	60	10	01	Paging Systems	27	51	13			
					Public Address and Mass Notification Systems	27	51	16			
D	60	60	10	02							
D	60	60	10	03	Sound Masking Systems	27	51	19			
					Intercommunications and Program Systems	27	51	23			
D	60	60	10	04							
D	60	60	10	05	Assistive Listening Systems	27	51	26			
					Healthcare Communications and Monitoring	27	52	00			
D	60	60	30								
					Patient Monitoring and Telemetry Systems	27	52	13			
D	60	60	30	01							
D	60	60	30	02	Telemedicine Systems	27	52	16			
D	60	60	30	03	Healthcare Imaging Systems	27	52	19			
D	60	60	30	04	Nurse Call/Code Blue Systems	27	52	23			
D	60	60	50		Distributed Systems	27	53	00			
D	60	60	50	01	Clock Systems	27	53	13			
					Infrared and Radio Frequency Tracking Systems	27	53	16			
D	60	60	50	02							
D	60	60	50	03	Internal Cellular, Paging, and Antenna Systems	27	53	19			
D	60	90			Communications Supplementary Components						
D	60	90	10		Supplementary Components						
D	60	90	10	01	Communications Metal Supports	05	45	19			
					Common Work Results for Communications	27	05	00			
D	60	90	10	02							
D	60	90	10	03	Grounding and Bonding	27	05	26			
D	60	90	10	04	Pathways	27	05	28			
D	60	90	10	05	Hangers and Supports	27	05	29			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	60	90	10	06	Conduits and Back Boxes	27	05	33			
D	60	90	10	07	Cable Trays	27	05	36			
D	60	90	10	08	Utility Poles	27	05	46			
D	60	90	10	09	Vibration and Seismic Controls	27	05	48			
D	60	90	10	10	Identification	27	05	53			
D	70				ELECTRONIC SAFETY AND SECURITY	28	00	00			
					Electronic Safety and Security Performance Requirements	01	86	33			
D	70	10			Access Control and Intrusion Detection	28	10	00			
					Access Control and Intrusion Detection	01	86	33			
					Performance Requirements						
D	70	10	10		Access Control	28	13	00			
D	70	10	10	01	Access Control Hardware	08	74	00			
D	70	10	10	02	Access Control Global Applications	28	13	13			
D	70	10	10	03	Access Control Systems and Database	28	13	16			
D	70	10	10	04	Management						
D	70	10	10	05	Access Control Systems Infrastructure	28	13	19			
D	70	10	10	06	Access Control Remote Devices	28	13	26			
D	70	10	10	07	Access Control Interfaces	28	13	33			
D	70	10	10	08	Access Control Identification Management	28	13	43			
D	70	10	10	09	Systems						
D	70	10	10	10	Security Access Detection	28	13	53			
D	70	10	10	11	Access Control Vehicle Identification System	28	13	63			
D	70	10	50		Intrusion Detection	28	16	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
D	70	10	50	01	Intrusion Detection Control, GUI and Logic	28	16	13					
D	70	10	50	02	Systems								
D	70	10	50	03	Intrusion Detection Systems Infrastructure	28	16	16					
D	70	10	50	04	Intrusion Detection Remote Devices and Sensors	28	16	19					
D	70	10	50	05	Intrusion Detection Interfaces	28	16	33					
D	70	10	50	06	Perimeter Security Systems	28	16	43					
D	70	30			Electronic Surveillance	28	20	00					
					Electronic Surveillance Performance Requirements	01	86	33					
D	70	30	10		Video Surveillance	28	23	00					
D	70	30	10	01	Video Surveillance Control and Management Systems	28	23	13					
D	70	30	10	02	Video Surveillance Monitoring and Supervisory Interfaces	28	23	16					
D	70	30	10	03	Digital Video Recorders and Analog Recording Devices	28	23	19					
D	70	30	10	04	Video Surveillance Systems Infrastructure	28	23	23					
D	70	30	10	05	Video Surveillance Remote Positioning Equipment	28	23	26					
D	70	30	10	06	Video Surveillance Remote Devices and Sensors	28	23	29					
D	70	30	50		Electronic Personal Protection	28	26	00					
D	70	30	50	01	Electronic Personal Safety Detection Systems	28	26	13					
D	70	30	50	02	Electronic Personal Safety Alarm Annunciation and Control Systems	28	26	16					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	70	30	50	03	Electronic Personal Safety Interfaces to Remote Monitoring	28	26	19			
D	70	30	50	04	Electronic Personal Safety Emergency Aid Devices	28	26	23			
D	70	50			Detection and Alarm	28	30	00			
					Detection and Alarm Performance Requirements	01	86	33			
D	70	50	10		Fire Detection and Alarm	28	31	00			
D	70	50	10	01	Fire Detection and Alarm Performance Requirements	01	86	33			
D	70	50	10	02	Digital, Addressable Fire-Alarm Systems	28	31	11		R	DFA
D	70	50	10	03	Zoned Fire-Alarm Systems	28	31	12		R	ZFA
D	70	50	10	04	Fire Detection and Alarm Control, GUI and Logic Systems	28	31	13		R	FAC
D	70	50	10	05	Fire Detection and Alarm Annunciation Panels and Fire Stations	28	31	23		R	FCP
D	70	50	10	06	Fire Detection and Alarm Interfaces	28	31	33		R	FAI
D	70	50	10	07	Fire Detection Sensors	28	31	43			
D	70	50	10	08	Smoke Detection Sensors	28	31	46			
D	70	50	10	09	Carbon-Monoxide Detection Sensors	28	31	49			
D	70	50	10	10	Fire Alarm Initiating Devices	28	31	53			
D	70	50	10	11	Fire Alarm Integrated Audio Visual Evacuation	28	31	63			
D	70	50	20		Radiation Detection and Alarm	28	32	00			
D	70	50	20	01	Radiation Detection and Alarm Performance Requirements	01	86	33			
D	70	50	20	02	Radiation Detection and Alarm Control, GUI and Logic Systems	28	32	13		R	RDL



ASSET DATA DICTIONARY

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	70	50	20	03	Radiation Detection and Alarm Integrated Audio Evacuation Systems	28	32	23		R	RDE
D	70	50	20	04	Radiation Detection Sensors	28	32	33			
D	70	50	20	05	Radiation Dosimeters	28	32	43			
D	70	50	30		Fuel-Gas Detection and Alarm	28	33	00			
D	70	50	30	01	Fuel-Gas Detection and Alarm Performance Requirements	01	86	33			
D	70	50	30	02	Fuel-Gas Detection and Alarm Control, GUI and Logic Systems	28	33	13		R	GDL
D	70	50	30	03	Fuel-Gas Detection and Alarm Integrated Audio Evacuation Systems	28	33	23		R	GDE
D	70	50	30	04	Fuel-Gas Detection Sensors	28	33	33			
D	70	50	40		Fuel-Oil Detection and Alarm	28	34	00			
D	70	50	40	01	Fuel-Oil Detection and Alarm Performance Requirements	01	86	33			
D	70	50	40	02	Fuel-Oil Detection and Alarm Control, GUI and Logic Systems	28	34	13			
D	70	50	40	03	Fuel-Oil Detection and Alarm Integrated Audio Evacuation Systems	28	34	23			
D	70	50	40	04	Fuel-Oil Detection Sensors	28	34	33			
D	70	50	50		Refrigeration Detection and Alarm	28	35	00			
D	70	50	50	01	Refrigeration Detection and Alarm Performance Requirements	01	86	33			
D	70	50	50	02	Refrigeration Detection and Alarm Control, GUI and Logic Systems	28	35	13		R	RFL
D	70	50	50	03	Refrigeration Detection and Alarm Integrated Audio Evacuation Systems	28	35	23		R	RFE
D	70	50	50	04	Refrigeration Detection Sensors	28	35	33			
D	70	50	60		Water Intrusion Detection and Alarm	28	36	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
D	70	50	60	01	Water Intrusion Detection and Alarm Performance Requirements	01	86	33					
D	70	50	60	02	Water Detection and Alarm Control, GUI and Logic Systems	28	36	13		R		WDL	
D	70	50	60	03	Water Detection Sensors	28	36	33					
D	70	70			Electronic Monitoring and Control	28	46	00					
					Supplementary Components as appropriate.								
					Electronic Monitoring and Control Performance Requirements	01	86	33					
D	70	70	10		Electronic Detention Monitoring and Control	23	46	00					
D	70	70	10	01	Hard-Wired Detention Monitoring and Control Systems	28	46	13		R		HWC	
D	70	70	10	02	Relay-Logic Detention Monitoring and Control Systems	28	46	16		R		RLC	
D	70	70	10	03	PLC Electronic Detention Monitoring and Control Systems	28	46	19		R		PMC	
D	70	70	10	04	Computer-Based Detention Monitoring and Control Systems	28	46	23		R		CMC	
D	70	70	10	05	Discreet-Logic Detention Monitoring and Control Systems	28	46	26		R		DMC	
D	70	70	10	06	Discreet-Distributed Intelligence Detention Monitoring and Control Systems	28	46	29		R		DID	
D	70	90			Electronic Safety and Security Supplementary Components								
D	70	90	10		Supplementary Components								
D	70	90	10	01	Common Work Results for Electronic Safety and Security	28	05	00					
D	70	90	10	02	Conductors and Cables	28	05	13					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
D	70	90	10	03	Grounding and Bonding	28	05	26			
D	70	90	10	04	Pathways	28	05	28			
D	70	90	10	05	Vibration and Seismic Controls	29	05	48			
D	70	90	10	06	Identification	28	05	53			
D	80				INTEGRATED AUTOMATION	25	00	00			
					Integrated Automation Performance Requirements	01	86	23			
D	80	10			Integrated Automation Facility Controls	25	50	00			
					Integrated Automation Facility Controls Performance Requirements	01	86	23			
D	80	10	10		Integrated Automation Control of Equipment	25	51	00	R		ICE
D	80	10	20		Integrated Automation Control of Conveying Equipment	25	52	00	R		IAD
D	80	10	30		Integrated Automation Control of Fire-Suppression Systems	25	53	00	R		IAF
D	80	10	40		Integrated Automation Control of Plumbing Systems	25	54	00	R		IAP
D	80	10	50		Integrated Automation Control of HVAC Systems	25	55	00	R		IAH
D	80	10	60		Integrated Automation Control of Electrical Systems	25	56	00	R		IAE
D	80	10	70		Integrated Automation Control of Communication Systems	25	57	00	R		IAC
D	80	10	80		Integrated Automation Control of Electronic Safety and Security Systems	25	58	00	R		IAS
D	80	10	90		Integrated Automation Supplementary Components				R		IAM
D	80	10	90	01	Common Work Results for Integrated Automation	25	05	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT								
D	80	10	90	02	Conductors and Cables	25	05	13						
D	80	10	90	03	Grounding and Bonding	25	05	26						
D	80	10	90	04	Pathways	25	05	28						
D	80	10	90	05	Vibration and Seismic Controls	25	05	48						
D	80	10	90	06	Identification	25	05	53						
E					EQUIPMENT AND FURNISHINGS									
					Equipment and Furnishings Performance Requirements	01	87	00						
E	10				EQUIPMENT	11	00	00						
					Equipment Performance Requirements	01	87	13						
E	10	10			Vehicle and Pedestrian Equipment	11	10	00						
E	10	10	10		Vehicle Servicing Equipment	11	11	00						
E	10	10	10	01	Vehicle Lubrication Equipment	11	11	19						
E	10	10	10	02	Tire-Changing Equipment	11	11	23						
E	10	10	10	03	Vehicle Washing Equipment	11	11	26						
E	10	10	30		Interior Parking Control Equipment	11	12	00						
E	10	10	30	01	Interior Parking Key and Card Control Units	11	12	13						
E	10	10	30	02	Interior Parking Ticket Dispensers	11	12	16						
E	10	10	30	03	Interior Parking Meters	11	12	23						
E	10	10	30	04	Interior Parking Fee Collection Equipment	11	12	26						
E	10	10	30	05	Interior Parking Gates	11	12	33						
E	10	10	50		Loading Dock Equipment	11	13	00						
E	10	10	50	01	Loading Dock Bumpers	11	13	13						
E	10	10	50	02	Loading Dock Seals and Shelters	11	13	16						
E	10	10	50	03	Loading Dock Levelers	11	13	19	13	R		LDV		

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
E	10	10	50	04	Loading Dock Lifts	11	13	19	23	R	LDL
E	10	10	50	05	Loading Dock Lights	11	13	26			
E	10	10	70		Interior Pedestrian Control Equipment	11	14	00			
E	10	10	70	01	Interior Pedestrian Gates	11	14	13		R	IPG
E	10	10	70	02	Interior Money-Changing Equipment	11	14	16			
E	10	10	70	03	Interior Pedestrian Fare Collection Equipment	11	14	26			
E	10	10	70	04	Interior Pedestrian Detection Equipment	11	14	43			
E	10	10	70	05	Interior Pedestrian Security Equipment	11	14	53			
E	10	30			Commercial Equipment	11	20	00			
E	10	30	10		Mercantile and Service Equipment	11	21	00			
E	10	30	10	01	Cash Registers and Checking Equipment	11	21	13			
E	10	30	10	02	Vending Equipment	11	21	23			
E	10	30	10	03	Checkroom Equipment	11	21	33			
E	10	30	10	04	Weighing and Wrapping Equipment	11	21	43			
E	10	30	10	05	Barber and Beauty Shop Equipment	11	21	53			
E	10	30	20		Vault Equipment	11	16	00			
E	10	30	20	01	Safe Deposit Boxes	11	16	13			
E	10	30	20	02	Safes	11	16	16			
E	10	30	25		Vault Ventilators	11	16	23			
E	10	30	25	01	Teller and Service Equipment	11	17	00			
E	10	30	25	02	Teller Equipment Systems	11	17	13			
E	10	30	25	03	Automatic Banking Systems	11	17	16			
E	10	30	25	04	Money Handling Equipment	11	17	23			
E	10	30	25	05	Money Cart Pass-Through	11	17	33			
E	10	30	25	06	Package Transfer Units	11	17	36			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
E	10	30	30		Refrigerated Display Equipment	11	22	00					
E	10	30	35		Commercial Laundry and Dry Cleaning Equipment	11	23	00					
E	10	30	35	01	Dry Cleaning Equipment	11	23	13					
E	10	30	35	02	Drying and Conditioning Equipment	11	23	16					
E	10	30	35	03	Finishing Equipment	11	23	19					
E	10	30	35	04	Commercial Ironing Equipment	11	23	23					
E	10	30	35	05	Commercial Washers and Extractors	11	23	26					
E	10	30	35	06	Coin-Operated Laundry Equipment	11	23	33					
E	10	30	35	07	Hanging Garment Conveyors	11	23	43					
E	10	30	40		Maintenance Equipment	11	24	00					
E	10	30	40	01	Floor and Wall Cleaning Equipment	11	24	13		R		FWC	
E	10	30	40	02	Housekeeping Carts	11	24	16		R		HKC	
E	10	30	40	03	Vacuum Cleaning Systems	11	24	19		R		VCS	
E	10	30	40	04	Window Washing Systems	11	24	23	13	R		WWS	
E	10	30	50		Hospitality Equipment	11	25	00					
E	10	30	50	01	Registration Equipment	11	25	13					
E	10	30	55		Unit Kitchens	11	26	00					
E	10	30	60		Photographic Processing Equipment	11	27	00					
E	10	30	60	01	Darkroom Processing Equipment	11	27	13					
E	10	30	60	02	Film Transfer Cabinets	11	27	16					
E	10	30	70		Postal, Packaging, and Shipping Equipment	11	29	00					
E	10	30	70	01	Packaging Equipment	11	29	23					
E	10	30	70	02	Shipping Equipment	11	29	33					
E	10	30	70	03	Postal Equipment	11	29	55					
E	10	30	70	04	Copiers	11	28	23					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT						
E	10	30	75		Office Equipment	11	28	00				
E	10	30	75	01	Computers	11	28	13				
E	10	30	75	02	Printers	11	28	16				
E	10	30	75	03	Facsimile Machines	11	28	19				
E	10	30	75	04	Copiers	11	28	23				
E	10	30	80		Foodservice Equipment	11	40	00				
E	10	30	80	01	Food Storage Equipment	11	41	00		R		FSE
E	10	30	80	02	Refrigerated Food Storage Cases	11	41	13		R		RFS
E	10	30	80	03	Walk-In Coolers	11	41	23		R		WCL
E	10	30	80	04	Walk-In Freezers	11	41	26		R		WFR
E	10	30	80	05	Food Service Shelving	11	41	33		R		FSV
E	10	30	80	06	Food Preparation Equipment	11	42	00		R		FPE
E	10	30	80	07	Food Delivery Carts and Conveyors	11	43	00		R		FCC
E	10	30	80	08	Food Delivery Carts	11	41	13		R		FDC
E	10	30	80	09	Food Delivery Conveyors	11	41	16		R		FDY
E	10	30	80	10	Food Cooking Equipment	11	44	00		R		FCE
E	10	30	80	11	Commercial Ranges	11	44	13		R		CRG
E	10	30	80	12	Commercial Ovens	11	44	16		R		COV
E	10	30	80	13	Food Dispensing Equipment	11	46	00		R		FDE
E	10	30	80	14	Bar Equipment	11	46	13		R		BEQ
E	10	30	80	15	Service Line Equipment	11	46	16		R		SLE
E	10	30	80	16	Soda Fountain Equipment	11	46	19		R		SFE
E	10	30	80	17	Ice Machines	11	47	00		R		ICM
E	10	30	80	18	Cleaning and Disposal Equipment	11	48	00		R		CDE
E	10	30	80	19	Commercial Dishwashers	11	48	13		R		CDW
E	10	40			Institutional Equipment	11	50	00				

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
E	10	40	10		Educational and Scientific Equipment	11	50	00					
E	10	40	10	01	Library Equipment	11	51	00					
					Automatic Book Storage and Retrieval Systems	11	51	13					
E	10	40	10	02	Book Depositories	11	51	16					
E	10	40	10	03	Book Theft Protection Equipment	11	51	19					
E	10	40	10	04	Library Stack Systems	11	51	23					
E	10	40	10	06	Audio-Visual Equipment	11	52	00					
E	10	40	10	07	Projection Screens	11	52	13					
E	10	40	10	08	Projectors	11	52	16					
E	10	40	10	09	Players and Recorders	11	52	19					
E	10	40	10	10	Laboratory Equipment	11	53	00		R		LEQ	
E	10	40	10	11	Laboratory Fume Hoods	11	53	13		R		LFH	
E	10	40	10	12	Laboratory Incubators	11	53	16		R		LIC	
E	10	40	10	13	Laboratory Sterilizers	11	53	19		R		LST	
E	10	40	10	14	Laboratory Refrigerators	11	53	23		R		LRF	
E	10	40	10	15	Emergency Safety Appliances	11	53	33		R		ESA	
E	10	40	10	16	Service Fittings and Accessories	11	53	43					
E	10	40	10	17	Planetarium Equipment	11	55	00					
E	10	40	10	18	Planetarium Projectors	11	55	13					
E	10	40	10	19	Planetarium Pendulums	11	55	16					
E	10	40	10	20	Observatory Equipment	11	56	00					
E	10	40	10	21	Telescopes	11	56	13					
E	10	40	10	22	Vocational Shop Equipment	11	57	00					
E	10	40	10	23	Exhibit Equipment	11	59	00					
E	10	40	10	24	Arts and Crafts Equipment	11	95	00					
E	10	40	10	25	Kilns	11	95	13					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
E	10	40	20		Healthcare Equipment	11	70	00			
E	10	40	20	01	Healthcare Metal Supports	05	45	23			
E	10	40	20	02	Medical Sterilizing Equipment	11	71	00			
E	10	40	20	03	Examination and Treatment Equipment	11	72	00			
E	10	40	20	04	Patient Care Equipment	11	73	00			
E	10	40	20	05	Dental Equipment	11	74	00			
E	10	40	20	06	Optometry Equipment	11	75	00			
E	10	40	20	07	Operating Room Equipment	11	76	00			
E	10	40	20	08	Radiology Equipment	11	77	00			
E	10	40	20	09	Mortuary Equipment	11	78	00			
E	10	40	20	10	Mortuary Refrigerators	11	78	13			
E	10	40	20	11	Crematorium Equipment	11	78	16			
E	10	40	20	12	Mortuary Lifts	11	78	19			
E	10	40	20	13	Therapy Equipment	11	79	00			
E	10	40	40		Religious Equipment	11	91	00			
E	10	40	40	01	Baptisteries	11	91	13			
E	10	40	60		Security Equipment	11	18	00			
E	10	40	60	01	Security Equipment Performance Requirements						
E	10	40	60	02	Deal Drawers	11	18	13			
E	10	40	60	03	Gun Ports	11	18	16			
E	10	40	60	04	Valuable Material Storage	11	18	23			
E	10	40	70		Detention Equipment	11	19	00			
E	10	40	70	01	Detention Equipment Performance Requirements	01	87	13			
E	10	40	70	02	Levels of Security	01	87	13			
E	10	40	70	03	Detention Pass-Through Doors	11	19	13			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
E	10	40	70	04	Detention Gun Lockers	11	19	16					
E	10	60			Residential Equipment	11	30	00					
E	10	60	10		Residential Appliances	11	31	00					
E	10	60	10	01	Residential Kitchen Appliances	11	31	13		R		RKA	
E	10	60	10	02	Residential Laundry Appliances	11	31	23		R		RLA	
E	10	60	50		Retractable Stairs	11	33	00					
E	10	60	70		Residential Ceiling Fans	11	34	00					
E	10	70			Entertainment and Recreational Equipment								
E	10	70	10		Theater and Stage Equipment	11	61	00					
E	10	70	10	01	Acoustical Shells	11	61	13					
E	10	70	10	02	Folding and Portable Stages	11	61	23					
E	10	70	10	03	Rigging Systems and Controls	11	61	33					
E	10	70	10	04	Stage Curtains	11	61	43					
E	10	70	20		Musical Equipment	11	62	00					
E	10	70	20	01	Bells	11	62	13					
E	10	70	20	02	Carillons	11	62	16					
E	10	70	20	03	Organs	11	62	19					
E	10	70	50		Athletic Equipment	11	66	00					
E	10	70	50	01	Exercise Equipment	11	66	13					
E	10	70	50	02	Gymnasium Equipment	11	66	23					
E	10	70	50	03	Interior Scoreboards	11	66	43					
E	10	70	50	04	Gymnasium Dividers	11	66	53					
E	10	70	60		Recreational Equipment	11	67	00					
E	10	70	60	01	Bowling Alley Equipment	11	67	13					
E	10	70	60	02	Shooting Range Equipment	11	67	23					
E	10	70	60	03	Climbing Walls	11	67	33					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
E	10	70	60	04	Table Games Equipment	11	67	43			
E	10	70	60	05	Game Room Equipment	11	67	53			
E	10	90			Other Equipment	11	90	00			
E	10	90	10		Solid Waste Handling Equipment	11	82	00			
E	10	90	10	01	Solid Waste Handling Equipment Performance Requirements	01	87	13			
E	10	90	10	02	Solid Waste Bins	11	82	13			
E	10	90	10	03	Incinerators	11	82	19	R		INC
E	10	90	10	04	Recycling Equipment	11	82	23	R		RCY
E	10	90	10	05	Waste Compactors and Destructors	11	82	26	R		TRC
E	10	90	10	06	Composting Equipment	11	82	29	R		CMP
E	10	90	10	07	Facility Waste Shredders	11	82	33	R		WSH
E	10	90	10	08	Facility Waste Balers	11	82	36	R		FWB
E	10	90	30		Agricultural Equipment	11	92	00			
E	10	90	30	01	Milkers	11	92	13			
E	10	90	30	02	Stock Feeders	11	92	16			
E	10	90	30	03	Stock Waterers	11	92	19			
E	10	90	30	04	Agricultural Waste Clean-Up Equipment	11	92	23			
E	10	90	40		Horticultural Equipment	11	93	00			
E	10	90	40	01	Hydroponic Growing Systems	11	93	13			
E	10	90	40	02	Seeders	11	93	16			
E	10	90	40	03	Transplanters	11	93	19			
E	10	90	40	04	Potting Machines	11	93	23			
E	10	90	40	05	Flat Fillers	11	93	26			
E	10	90	40	06	Baggers	11	93	29			
E	10	90	40	07	Soil Mixers	11	93	33			
E	10	90	40	08	Agricultural Irrigation	32	86	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
E	10	90	60		Decontamination Equipment						
E	20				FURNISHINGS	12	00	00			
					Furnishings Performance Requirements	01	87	16			
E	20	10			Fixed Furnishings						
E	20	10	10		Fixed Art	12	10	00			
E	20	10	10	01	Murals	12	11	00			
E	20	10	10	02	Fixed Wall Decorations	12	12	00			
E	20	10	10	03	Paintings	12	12	00			
E	20	10	10	04	Tapestries	12	12	23			
E	20	10	10	05	Wall Hangings	12	12	26			
E	20	10	10	06	Fixed Sculptures	12	14	00			
E	20	10	10	07	Art Glass	12	17	00			
E	20	10	10	08	Fixed Religious Art	12	19	00			
E	20	10	10	09	Suspended Decorative Elements						
E	20	10	20		Window Treatments	12	20	00			
E	20	10	20	01	Window Blinds	12	21	00			
E	20	10	20	02	Curtains and Drapes	12	22	00			
E	20	10	20	03	Interior Shutters	12	23	00			
E	20	10	20	04	Window Shades	12	24	00			
E	20	10	20	05	Window Treatment Operating Hardware	12	25	00			
E	20	10	30		Casework	12	30	00			
E	20	10	30	01	Specialty Casework	12	35	00			
E	20	10	30	02	Bank Casework	12	35	17			
E	20	10	30	03	Hospitality Casework	12	35	25			
E	20	10	30	04	Residential Casework	12	35	30			
E	20	10	30	05	Utility Room Casework	12	35	33			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
E	20	10	30	06	Educational/Library Casework	12	35	50			
E	20	10	30	07	Laboratory Casework	12	35	53			
E	20	10	30	08	Display Casework	12	35	59			
E	20	10	30	09	Healthcare Casework	12	35	70			
E	20	10	30	10	Religious Casework	12	35	91			
E	20	10	30	11	Reception Casework						
E	20	10	30	12	Countertops	12	36	00			
E	20	10	70		Fixed Multiple Seating	12	60	00			
E	20	10	70	01	Fixed Waiting Area Seating						
E	20	10	70	02	Fixed Audience Seating	12	61	00			
E	20	10	70	03	Stadium and Arena Seating	12	63	00			
E	20	10	70	04	Bleachers	13	34	16	53		
E	20	10	70	05	Fixed Booths and Tables	12	64	00			
E	20	10	70	06	Multiple-Use Fixed Seating	12	65	00			
E	20	10	70	07	Telescoping Stands	12	66	00			
E	20	10	70	08	Fixed Pews and Benches	12	67	00			
E	20	10	70	09	Fixed Seat and Table Assemblies	12	68	00			
E	20	10	70	10	Lecture Hall Seating						
E	20	10	90		Other Fixed Furnishings	12	90	00			
E	20	10	90	01	Fixed Interior Planters and Artificial Plants	12	92	00			
E	20	10	90	02	Fixed Interior Artificial Plants	12	92	13			
E	20	10	90	03	Fixed Interior Planters	12	92	33			
E	20	10	90	04	Interior Landscaping Accessories	12	92	43			
E	20	50			Movable Furnishings						
E	20	50	10		Movable Art	12	10	00			
E	20	50	10	01	Movable Sculptures	12	14	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
E	20	50	10	02	Movable Religious Art	12	19	00			
E	20	50	30		Furniture	12	50	00			
E	20	50	30	01	Office Furniture	12	51	00			
E	20	50	30	02	Seating	12	52	00			
E	20	50	30	03	Office Seating	12	52	23			
E	20	50	30	04	Healthcare Seating	12	52	70			
E	20	50	30	05	Retail Furniture	12	53	00			
E	20	50	30	06	Hospitality Furniture	12	54	00			
E	20	50	30	07	Hotel and Motel Furniture	12	54	13			
E	20	50	30	08	Restaurant Furniture	12	54	16			
E	20	50	30	09	Educational Furniture						
E	20	50	30	10	Detention Furniture	12	55	00			
E	20	50	30	11	Institutional Furniture	12	56	00			
E	20	50	30	12	Classroom Furniture	12	56	33			
E	20	50	30	13	Lecterns	12	56	39			
E	20	50	30	14	Dormitory Furniture	12	56	43			
E	20	50	30	15	Library Furniture	12	56	51			
E	20	50	30	16	Audio-Visual Furniture	12	56	52			
E	20	50	30	17	Laboratory Furniture	12	56	53			
E	20	50	30	18	Healthcare Furniture	12	56	70			
E	20	50	30	19	Industrial Furniture	12	57	00			
E	20	50	30	20	Welding Benches	12	57	13			
E	20	50	30	21	Welding Screens	12	57	16			
E	20	50	30	22	Residential Furniture	12	58	00			
E	20	50	30	23	Systems Furniture	12	59	00			
E	20	50	40		Accessories	12	40	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
E	20	50	40	01	Office Accessories	12	41	00			
E	20	50	40	02	Table Accessories	12	42	00			
E	20	50	40	03	Portable Lamps	12	43	00			
E	20	50	40	04	Bath Furnishings	12	44	00			
E	20	50	40	05	Shower Curtains	12	44	16			
E	20	50	40	06	Bedroom Furnishings	12	45	00			
E	20	50	40	07	Furnishing Accessories	12	46	00			
E	20	50	40	08	Moveable Rugs and Mats	12	48	00			
E	20	50	60		Movable Multiple Seating	12	60	00			
E	20	50	60	01	Portable Audience Seating	12	62	00			
E	20	50	60	02	Portable Multiple-Use Seating	12	65	00			
E	20	50	60	03	Portable Pews and Benches	12	67	00			
E	20	50	60	04	Portable Seat and Table Assemblies	12	68	00			
E	20	50	60	05	Portable Waiting Area Seating						
E	20	50	90		Other Movable Furnishings	12	90	00			
E	20	50	90	01	Movable Interior Planters and Artificial Plants	12	92	00			
E	20	50	90	02	Movable Interior Artificial Plants	12	92	13			
E	20	50	90	03	Movable Interior Planters	12	92	33			
E	20	50	90	04	Interior Landscaping Accessories	12	92	43			
F					SPECIAL CONSTRUCTION AND DEMOLITION						
F	10				SPECIAL CONSTRUCTION						
					Special Construction Performance Requirements	01	88	13			
F	10	10			Integrated Construction						
F	10	10	10		Building Modules	13	42	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT								
F	10	10	10	01	Building Modules Performance Requirements	01	88	13						
F	10	10	10	02	Load Capacity	01	88	13						
F	10	10	10	03	Wind Load Capacity	01	88	13						
F	10	10	10	04	Fire Rating	01	88	13						
F	10	10	10	05	Thermal Resistance	01	88	13						
F	10	10	10	06	Vapor Transmission Resistance	01	88	13						
F	10	10	10	07	Air Infiltration Resistance	01	88	13						
F	10	10	10	08	Sound Transmission	01	88	13						
F	10	10	10	09	Hospital Unit Modules	13	42	25						
F	10	10	10	10	Dwelling Unit Modules	13	42	33						
F	10	10	10	11	Dormitory Unit Modules	13	42	43						
F	10	10	10	12	Detention Cell Modules	13	42	63						
F	10	10	50		Manufactured/Fabricated Rooms	13	20	00						
F	10	10	50	01	Manufactured/Fabricated Rooms Performance Requirements	01	88	13						
F	10	10	50	02	Fire Rating	01	88	13						
F	10	10	50	03	Thermal Resistance	01	88	13						
F	10	10	50	04	Vapor Transmission Resistance	01	88	13						
F	10	10	50	05	Sound Transmission	01	88	13						
F	10	10	50	06	Controlled Environment Rooms	13	21	00						
F	10	10	50	07	Clean Rooms	13	21	13						
F	10	10	50	08	Hyperbaric Rooms	13	21	16						
F	10	10	50	09	Insulated Rooms	13	21	23						
F	10	10	50	10	Cold Storage Rooms	13	21	26						
F	10	10	50	11	Constant Temperature Rooms	13	21	29						
F	10	10	50	12	Sound-Conditioned Rooms	13	21	48						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
F	10	10	50	13	Office Shelters and Booths	13	22	00			
F	10	10	50	14	Planetariums	13	23	00			
F	10	10	50	15	Special Activity Rooms	13	24	00			
F	10	10	50	16	Saunas	13	24	16			
F	10	10	50	17	Steam Baths	13	24	26			
F	10	10	50	18	Athletic Rooms	13	24	66			
F	10	10	50	19	Vaults	13	27	00			
F	10	10	50	20	Metal Detention Enclosures	05	59	63			
F	10	10	70		Modular Mezzanines	13	44	00			
F	10	10	70	01	Modular Mezzanines Performance Requirements	01	88	13			
F	10	10	70	02	Load Capacity	01	88	13			
F	10	10	70	03	Deflection	01	88	13			
F	10	10	70	04	Vibration	01	88	13			
F	10	10	70	05	Levelness	01	88	13			
F	10	20			Special Structures	13	30	00			
					Special Structures Performance Requirements	01	88	13			
F	10	20	10		Fabric Structures	13	31	00			
F	10	20	10	01	Fabric Structures Performance Requirements	01	88	13			
F	10	20	10	02	Load Capacity	01	88	13			
F	10	20	10	03	Air-Supported Fabric Structures	13	31	13			
F	10	20	10	04	Tensioned Fabric Structures	13	31	23			
F	10	20	10	05	Framed Fabric Structures	13	31	33			
F	10	20	20		Space Frames	13	32	00			
F	10	20	20	01	Space Frames Performance Requirements	01	88	13			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
F	10	20	20	02	Load Capacity								
F	10	20	30		Geodesic Structures	13	33	00					
F	10	20	30	01	Geodesic Structures Performance Requirements	01	88	13					
F	10	20	30	02	Geodesic Domes	13	33	13					
F	10	20	40		Manufacturer-Engineered Structures	13	34	00					
F	10	20	40	01	Manufactured-Engineered Structures Performance Requirements	01	88	13					
F	10	20	40	02	Load Capacity	01	88	13					
F	10	20	40	03	Wind Load Capacity	01	88	13					
F	10	20	40	04	Fire Rating	01	88	13					
F	10	20	40	05	Thermal Resistance	01	88	13					
F	10	20	40	06	Vapor Transmission Resistance	01	88	13					
F	10	20	40	07	Air Infiltration Resistance	01	88	13					
F	10	20	40	08	Sound Transmission	01	88	13					
F	10	20	40	09	Glazed Structures	13	34	13					
F	10	20	40	10	Exterior Grandstands and Bleachers	13	34	16					
F	10	20	40	11	Metal Building Systems	13	34	19					
F	10	20	40	12	Observatories	13	34	56					
F	10	20	60		Manufactured Canopies	10	73	16					
F	10	20	60	01	Manufactured Canopy Performance Requirements	01	88	13					
F	10	20	60	02	Load Capacity	01	88	13					
F	10	20	60	03	Wind Load Capacity	01	88	13					
F	10	20	65		Rammed Earth Construction	13	35	00					
F	10	20	65	01	Rammed Earth Walls	13	35	13					
F	10	20	70		Towers	13	36	00					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
F	10	20	70	01	Towers Performance Requirements	01	88	13					
F	10	20	70	02	Wind Load Capacity	01	88	13					
F	10	20	70	03	Functional Towers								
F	10	20	70	04	Decorative Towers								
F	10	30			Special Function Construction								
F	10	30	10		Sound and Vibration Control	13	48	00					
F	10	30	10	01	Sound and Vibration Control Performance Requirements	01	88	13					
F	10	30	10	02	Sound Transmission	01	88	13					
F	10	30	10	03	Vibration	01	88	13					
F	10	30	30		Seismic Control	13	48	00					
F	10	30	30	01	Seismic Control Performance Requirements	01	88	13					
F	10	30	30	02	Seismic Zone	01	88	13					
F	10	30	50		Radiation Protection	13	49	00					
F	10	30	50	01	Radiation Protection Performance Requirements	01	88	13					
F	10	30	50	02	Radiation Levels	01	88	13					
F	10	30	50	03	Radio Frequency Protection	01	88	13					
F	10	30	50	04	X-Ray Protection	01	88	13					
F	10	30	50	05	Nuclear Radiation Protection	01	88	13					
F	10	30	50	06	Electromagnetic Field Protection	01	88	13					
F	10	30	50	07	High Energy Magnetic Pulse Protection	01	88	13					
F	10	50			Special Facility Components								
F	10	50	10		Pools								
F	10	50	10	01	Pools Performance Requirements	01	88	13					
F	10	50	10	02	Swimming Pools	13	11	00					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
F	10	50	10	03	Tubs and Pools	13	17	00			
F	10	50	10	04	Hot Tubs	13	17	13			
F	10	50	10	05	Therapeutic Pools	13	17	23			
F	10	50	10	06	Whirlpool Tubs	13	17	33			
F	10	50	10	07	Pool Plumbing Systems	22	51	00			
F	10	50	10	08	Pool Equipment						
F	10	50	10	09	Pool Water Treatment	22	51	19			
F	10	50	10	10	Pool Pumps	22	51	16			
F	10	50	10	11	Pool Equipment Controls	22	51	23			
F	10	50	10	12	Pool Piping System	22	51	13			
F	10	50	10	13	Pool Specialties						
F	10	50	20		Interior Fountains	13	12	23			
F	10	50	20	01	Interior Fountains Performance Requirements	01	88	13			
F	10	50	20	02	Interior Fountain Plumbing Systems	22	52	00			
F	10	50	20	03	Interior Fountain Equipment						
F	10	50	20	04	Interior Fountain Water Treatment	22	52	19			
F	10	50	20	05	Interior Fountain Pumps	22	52	16	R		IFP
F	10	50	20	06	Interior Fountain Equipment Controls	22	52	23	R		IFC
F	10	50	20	07	Interior Fountain Piping System	22	52	13			
F	10	50	20	08	Interior Fountain Specialties						
F	10	50	30		Interior Water Features						
F	10	50	30	01	Decorative Water Curtains						
F	10	50	40		Aquariums	13	13	00			
F	10	50	50		Amusement Park Structures and Equipment	13	14	00			
F	10	50	50	01	Water Slides	13	14	13			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
F	10	50	50	02	Wave Generating Equipment	13	14	16			
F	10	50	50	03	Amusement Park Rides	13	14	23			
F	10	50	60		Ice Rinks	13	18	00			
F	10	50	70		Animal Containment	13	19	00			
F	10	60			Athletic and Recreational Special Construction	13	28	00			
F	10	60	10		Indoor Soccer Boards	13	28	13			
F	10	60	20		Safety Netting	13	28	16			
F	10	60	30		Arena Football Boards	13	28	19			
F	10	60	40		Floor Sockets	13	28	26			
F	10	60	50		Athletic and Recreational Court Walls	13	28	33			
F	10	60	60		Demountable Athletic Surfaces	13	28	66			
F	10	80			Special Instrumentation	13	50	00			
F	10	80	10		Stress Instrumentation	13	51	00			
F	10	80	20		Seismic Instrumentation	13	51	00			
F	10	80	40		Meteorological Instrumentation	13	51	00			
F	10	80	40	01	Solar Instrumentation	13	51	13			
F	10	80	40	02	Wind Instrumentation	13	51	23			
F	10	80	60		Earth Movement Monitoring						
F	20				FACILITY REMEDIATION						
F	20	10			Hazardous Materials Remediation	02	80	00			
					Hazardous Materials Remediation Performance Requirements						
F	20	10	10		Transportation and Disposal of Hazardous Materials	02	81	00			
F	20	10	20		Asbestos Remediation	02	82	00			
F	20	10	20	01	Asbestos Abatement	02	82	13			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
F	20	10	20	02	Engineered Control of Asbestos Containing	02	82	16			
F	20	10	20	03	Removal and Disposal of Asbestos Containing	02	82	33			
F	20	10	30		Lead Remediation	02	83	00			
F	20	10	30	01	Lead Hazard Control Activities	02	83	13			
F	20	10	30	02	Lead-Based Paint Remediation	02	83	19			
F	20	10	30	03	Removal and Disposal of Materials Containing	02	83	33			
F	20	10	40		Polychlorinate Biphenyl Remediation	02	84	00			
F	20	10	40	01	Handling of Lighting Ballasts and Lamps	02	84	16			
F	20	10	40	02	Removal and Disposal of Polychlorinate	02	84	33			
F	20	10	50		Mold Remediation	02	85	00			
F	20	10	50	01	Precautions for Mold Remediation	02	85	13			
F	20	10	50	02	Mold Remediation Preparation and Containment	02	85	16			
F	20	10	50	03	Mold Remediation Clearance Air Sampling	02	85	19			
F	20	10	50	04	Removal and Disposal of Materials with Mold	02	85	33			
F	30				DEMOLITION						
F	30	10			Structure Demolition	02	41	16			
F	30	10	10		Building Demolition	02	41	16	13		
F	30	10	30		Tower Demolition	02	41	16	23		
F	30	10	50		Bridge Demolition	02	41	16	33		
F	30	10	70		Dam Demolition	02	41	16	43		
F	30	30			Selective Demolition	02	41	19			
F	30	30	10		Selective Building Demolition	02	41	19	13		

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
F	30	30	30		Selective Interior Demolition	02	41	19	16		
F	30	30	50		Selective Bridge Demolition	02	41	19	33		
F	30	30	70		Selective Historic Demolition	02	41	91			
F	30	50			Structure Moving	02	43	00			
					Structure Moving Performance Requirements						
F	30	50	10		Structure Relocation	02	43	13			
F	30	50	30		Structure Raising	02	43	16			
G					SITework						
					Site Construction Performance Requirements	01	89	00			
G	10				SITE PREPARATION						
					Site Preparation Performance Requirements	01	89	13			
G	10	10			Site Clearing	31	10	00			
G	10	10	10		Clearing and Grubbing	31	11	00			
G	10	10	30		Tree and Shrub Removal and Trimming	31	13	00			
G	10	10	50		Earth Stripping and Stockpiling	31	14	00			
G	10	10	50	01	Soil Stripping and Stockpiling	31	14	13			
G	10	10	50	02	Sod Stripping and Stockpiling	31	14	16			
G	10	20			Site Elements Demolition						
G	10	20	10		Utility Demolition						
G	10	20	30		Infrastructure Demolition						
G	10	20	50		Selective Site Demolition	02	41	13			
G	10	30			Site Element Relocations						
G	10	30	10		Utility Relocation						
G	10	50			Site Remediation	02	50	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
					Site Remediation Performance Requirements	01	89	13			
G	10	50	10		Physical Decontamination	02	51	00			
G	10	50	10	01	Coagulation and Flocculation Decontamination	02	51	13			
G	10	50	10	02	Reverse-Osmosis Decontamination	02	51	16			
G	10	50	10	03	Solidification and Stabilization Decontamination	02	51	19			
G	10	50	10	04	Mechanical Filtration Decontamination	02	51	23			
G	10	50	10	05	Radioactive Decontamination	02	51	26			
G	10	50	10	06	Surface Cleaning Decontamination	02	51	29			
G	10	50	10	07	Surface Removal Decontamination	02	51	33			
G	10	50	15		Chemical Decontamination	02	52	00			
G	10	50	15	01	Chemical Precipitation Decontamination	02	52	13			
G	10	50	15	02	Ion Change Decontamination	02	52	16			
G	10	50	15	03	Neutralization Decontamination	02	52	19			
G	10	50	20		Thermal Decontamination	02	53	00			
G	10	50	20	01	Incineration Decontamination	02	53	13			
G	10	50	20	02	Thermal Desorption Decontamination	02	53	16			
G	10	50	20	03	Vitrification Decontamination	02	53	19			
G	10	50	25		Biological Decontamination	02	54	00			
G	10	50	25	01	Aerobic Processes Decontamination	02	54	13			
G	10	50	25	02	Anaerobic Processes Decontamination	02	54	16			
G	10	50	25	03	Bioremediation Decontamination	02	54	19			
G	10	50	25	04	Soil Washing through Separation/Solubilization	02	54	23			
G	10	50	25	05	Organic Decontamination	02	54	26			
G	10	50	30		Remediation Soil Stabilization	02	55	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT						
G	10	50	40		Site Containment	02	56	00				
G	10	50	40	01	Waste Containment	02	56	13				
G	10	50	40	02	Gas Containment	02	56	19				
G	10	50	45		Sinkhole Remediation	02	57	00				
G	10	50	45	01	Sinkhole Remediation by Grouting	02	57	13				
G	10	50	45	02	Sinkhole Remediation by Backfilling	02	57	13	13			
G	10	50	50		Hazardous Waste Drum Handling	02	86	00				
G	10	50	60		Contaminated Site Material Removal	02	60	00				
G	10	50	60	01	Removal and Disposal of Contaminated Soils	02	61	00				
G	10	50	60	02	Hazardous Waste Recovery Processes	02	62	00				
G	10	50	60	03	Underground Storage Tank Removal	02	65	00				
G	10	50	60	04	Landfill Construction and Storage	02	66	00				
G	10	50	80		Water Remediation	02	70	00				
G	10	50	80	01	Groundwater Treatment	02	71	00				
G	10	50	80	02	Water Decontamination	02	72	00				
G	10	70			Site Earthwork	31	20	00				
					Site Earthwork Performance Requirements	01	89	13				
					Degree of Compaction	01	89	13				
G	10	70	10		Grading	31	22	00				
G	10	70	10	01	Rough Grading	31	22	13				
G	10	70	10	02	Fine Grading	31	22	16				
G	10	70	10	03	Finish Grading	31	22	19				
G	10	70	20		Excavation and Fill	31	23	00				
G	10	70	20	01	Excavation	31	23	16				
G	10	70	20	02	Rock Removal	31	23	16	26			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	10	70	20	03	Fill	31	23	23			
G	10	70	20	04	Backfill	31	23	23	13		
G	10	70	20	05	Compaction	31	23	23	23		
G	10	70	20	06	Flowable Fill	31	23	23	33		
G	10	70	20	07	Geofoam	31	23	23	43		
G	10	70	20	08	Trenching and Backfilling	31	23	33			
G	10	70	30		Embankments	31	24	00			
G	10	70	30	01	Roadway Embankments	31	24	13			
G	10	70	30	02	Railway Embankments	31	24	16			
G	10	70	35		Erosion and Sedimentation Controls	31	25	00			
G	10	70	40		Soil Stabilization	31	32	00			
G	10	70	40	01	Soil Mixing Stabilization	31	32	13			
G	10	70	40	02	Chemical Treatment Soil Stabilization	31	23	16			
G	10	70	40	03	Geosynthetic Soil Stabilization	31	32	19			
G	10	70	40	04	Pressure Grouting Soil Stabilization	31	32	23			
G	10	70	40	05	Shotcrete Soil Slope Stabilization	31	32	33			
G	10	70	40	06	Soil Nailing	31	32	36			
G	10	70	45		Rock Stabilization	31	33	00			
G	10	70	45	01	Rock Bolting and Grouting	31	33	13			
G	10	70	45	02	Rock Slope Netting	31	33	23			
G	10	70	45	03	Rock Slope Wire Mesh	31	33	26			
G	10	70	45	04	Shotcrete Rock Slope Stabilization	31	33	33			
G	10	70	45	05	Vegetated Rock Slope Stabilization	31	33	43			
G	10	70	50		Soil Reinforcement	31	34	00			
G	10	70	50	01	Geosynthetic Soil Reinforcement	31	34	19			
G	10	70	50	02	Fiber Soil Reinforcement	31	34	23			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	10	70	55		Slope Protection	31	35	00			
G	10	70	55	01	Geosynthetic Slope Protection	31	35	19			
G	10	70	55	02	Slope Protection with Slope Paving	31	35	23			
G	10	70	55	03	Containment Barriers	31	35	26			
G	10	70	60		Gabions	31	36	00			
G	10	70	60	01	Gabion Boxes	31	36	13			
G	10	70	60	02	Gabion Mattresses	31	36	19			
G	10	70	65		Riprap	31	37	00			
G	10	70	70		Wetlands	32	70	00			
G	10	70	70	01	Constructed Wetlands	32	71	00			
G	10	70	70	02	Wetlands Restoration	32	72	00			
G	10	70	80		Earth Dams	35	73	13			
G	10	70	90		Site Soil Treatment	31	31	00			
G	10	70	90	01	Rodent Control	31	31	13			
G	10	70	90	02	Termite Control	31	31	16			
G	10	70	90	03	Vegetation Control	31	31	19			
G	20				SITE IMPROVEMENTS						
					Site Improvements Performance Requirements	01	89	16			
G	20	10			Roadways						
					Roadways Performance Requirements	01	89	16			
					Live Load Capacity	01	89	16			
					Lighting Levels	01	89	16			
G	20	10	10		Roadway Pavement	32	10	00			
G	20	10	10	01	Roadway Base Courses	32	11	00			
G	20	10	10	02	Flexible Roadway Pavement	32	12	00			
G	20	10	10	03	Rigid Roadway Pavement	32	13	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	20	10	10	04	Roadway Unit Pavement	32	14	00			
G	20	10	10	05	Roadway Aggregate Surfacing	32	15	00			
G	20	10	20		Roadway Curbs and Gutters	32	16	13			
G	20	10	40		Roadway Appurtenances	32	17	00			
G	20	10	40	01	Speed Bumps	32	17	16			
G	20	10	40	02	Pavement Snow Melting Systems	32	17	43			
G	20	10	40	03	Roadway Construction	34	71	00			
G	20	10	40	04	Vehicle Barriers	34	71	13			
G	20	10	40	05	Impact Attenuating Devices	34	71	16			
G	20	10	40	06	Vehicle Delineators	34	71	19			
G	20	10	40	07	Traffic Signage	10	14	53			
G	20	10	40	08	Roadway Signaling and Control Equipment	34	41	00			
G	20	10	40	09	Traffic Signals	34	41	13			
G	20	10	40	10	Traffic Control Equipment	34	41	16			
G	20	10	40	11	Roadway Monitoring Equipment	34	41	23			
G	20	10	40	12	Pavement Markings	32	17	23			
G	20	10	70		Roadway Lighting	26	56	19			
G	20	10	80		Vehicle Fare Collection	34	52	00			
G	20	10	80	01	Vehicle Ticketing Equipment	34	52	16			
G	20	10	80	02	Vehicle Fare Collection Equipment	34	52	26			
G	20	10	80	03	Vehicle Fare Gates	34	52	33			
G	20	20			Parking Lots						
					Parking Lots Performance Requirements	01	89	16			
					Live Load Capacity	01	89	16			
					Lighting Levels	01	89	16			
G	20	20	10		Parking Lot Pavement	32	10	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
G	20	20	10	01	Parking Lot Base Courses	32	11	00					
G	20	20	10	02	Flexible Parking Lot Pavement	32	12	00					
G	20	20	10	03	Rigid Parking Lot Pavement	32	13	00					
G	20	20	10	04	Parking Lot Unit Pavement	32	14	00					
G	20	20	10	05	Parking Lot Aggregate Surfacing	32	15	00					
G	20	20	20		Parking Lot Curbs and Gutters	32	16	13					
G	20	20	40		Parking Lot Appurtenances	32	17	00					
G	20	20	40	01	Parking Bumpers	32	17	13					
G	20	20	40	02	Pavement Snow Melting Systems	32	17	43					
G	20	20	40	03	Parking Lot Traffic Signage	10	14	53					
G	20	20	40	04	Parking Lot Pavement Markings	32	17	23					
G	20	20	70		Parking Lot Lighting	26	56	16					
G	20	20	80		Exterior Parking Control Equipment	11	12	00					
G	20	20	80	01	Exterior Parking Key and Card Control Units	11	12	13					
G	20	20	80	02	Exterior Parking Ticket Dispensers	11	12	16					
G	20	20	80	03	Exterior Parking Meters	11	12	23					
G	20	20	80	04	Exterior Parking Fee Collection Equipment	11	12	26	13				
G	20	20	80	05	Exterior Parking Gates	11	12	33		R		EPG	
G	20	30			Pedestrian Plazas and Walkways								
					Pedestrian Plazas and Walkways Performance	01	89	16					
					Lighting Levels	01	89	16					
G	20	30	10		Pedestrian Pavement	32	10	00					
G	20	30	10	01	Pedestrian Pavement Base Courses	32	11	00					
G	20	30	10	02	Flexible Pedestrian Pavement	32	12	00					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
G	20	30	10	03	Rigid Pedestrian Pavement	32	13	00					
G	20	30	10	04	Pedestrian Unit Pavement	32	14	00					
G	20	30	10	05	Pedestrian Aggregate Surfacing	32	15	00					
G	20	30	20		Pedestrian Pavement Curbs and Gutters	32	16	13					
G	20	30	30		Exterior Steps and Ramps								
G	20	30	40		Pedestrian Pavement Appurtenances	32	17	00					
G	20	30	40	01	Pavement Markings	32	17	23					
G	20	30	40	02	Tactile Warning Surfacing	32	17	26					
G	20	30	40	03	Pavement Snow Melting Systems	32	17	43					
G	20	30	70		Plaza and Walkway Lighting	26	56	33					
G	20	30	80		Exterior Pedestrian Control Equipment	11	14	00					
G	20	30	80	01	Exterior Pedestrian Gates	11	14	13		R		EDG	
G	20	30	80	02	Exterior Money-Changing Equipment	11	14	16					
G	20	30	80	03	Exterior Pedestrian Fare Collection Equipment	11	14	26					
G	20	30	80	04	Exterior Pedestrian Detection Equipment	11	14	43					
G	20	30	80	05	Exterior Pedestrian Security Equipment	11	14	53					
G	20	40			Airfields								
					Airfields Performance Requirements	01	89	16					
					Live Load Capacity	01	89	16					
					Lighting Levels	01	89	16					
G	20	40	10		Aviation Pavement	32	10	00					
G	20	40	10	01	Aviation Pavement Base Courses	32	11	00		R		APB	
G	20	40	10	02	Flexible Aviation Pavement	32	12	00		R		FAP	
G	20	40	10	03	Rigid Aviation Pavement	32	13	00		R		RAP	
G	20	40	10	04	Aviation Aggregate Surfacing	32	15	00		R		AAS	

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	20	40	20		Aviation Pavement Curbs and Gutters	32	16	13			
G	20	40	40		Aviation Pavement Appurtenances	32	17	00			
G	20	40	40	01	Airfield Pavement Markings	32	17	23		R	APV
G	20	40	40	02	Pavement Snow Melting Systems	32	17	43		R	PSM
G	20	40	40	03	Airfield Traffic Signage	10	14	53		R	SAT
G	20	40	70		Airfield Lighting	26	56	00			
G	20	40	80		Airfield Signaling and Control Equipment	34	43	00			
G	20	40	80	01	Airfield Signals	34	43	13		R	ASG
G	20	40	80	02	Airfield Landing Equipment	34	43	16		R	ALE
G	20	40	80	03	Airfield Traffic Control Tower Equipment	34	43	19		R	ATC
G	20	40	80	04	Weather Observation Equipment	34	43	23		R	WOE
G	20	40	80	05	Airfield Control Equipment	34	43	26		R	ACE
G	20	50			Athletic, Recreational, and Playfield Areas						
G	20	50	10		Athletic Areas						
G	20	50	10	01	Athletic Areas Performance Requirements	01	89	16			
G	20	50	10	02	Lighting Levels	01	89	16			
G	20	50	10	03	Athletic Surfaces	32	18	00			
G	20	50	10	04	Baseball Field Surfacing	32	18	23	13		
G	20	50	10	05	Field Sport Surfacing	32	18	23	23		
G	20	50	10	06	Running Track Surfacing	32	18	23	33		
G	20	50	10	07	Tennis Court Surfacing	32	18	23	53		
G	20	50	10	08	Athletic Court Fencing						
G	20	50	10	09	Tennis Court Fences and Gates	32	31	13	26		
G	20	50	10	10	Tennis Court Wind Breaker	32	31	13	29		
G	20	50	10	11	Athletic Equipment						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	20	50	10	12	Athletic Field Equipment	11	68	33			
G	20	50	10	13	Exterior Athletic Equipment	11	68	23			
G	20	50	10	14	Exterior Scoreboards	11	68	43			
G	20	50	10	15	Exterior Athletic Lighting	26	56	68			
G	20	50	30		Recreational Areas						
G	20	50	30	01	Recreational Areas Performance Requirements	01	89	16			
G	20	50	30	02	Lighting Levels	01	89	16			
G	20	50	30	03	Recreational Surfaces	32	18	00			
G	20	50	30	04	Recreational Court Surfacing	32	18	23	43		
G	20	50	30	05	Recreational Court Fences and Gates	32	31	13	23		
G	20	50	30	06	Recreational Area Lighting	26	56	00			
G	20	50	50		Playfield Areas						
G	20	50	50	01	Play Areas Performance Requirements	01	89	16			
G	20	50	50	02	Lighting Levels	01	89	16			
G	20	50	50	03	Playfield Surfacing						
G	20	50	50	04	Synthetic Resilient Surfacing	32	18	16			
G	20	50	50	05	Playfield Equipment and Structures	11	68	00			
G	20	50	50	06	Playground Equipment	11	68	13			
G	20	50	50	07	Play Structures	11	68	16			
G	20	50	50	08	Playfield Lighting	26	56	00			
G	20	60			Site Development						
G	20	60	10		Exterior Fountains	13	12	13			
G	20	60	10	01	Exterior Fountains Performance Requirements	01	89	16			
G	20	60	10	02	Exterior Fountain Plumbing Systems	22	52	00			
G	20	60	10	03	Exterior Fountain Equipment						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
G	20	60	10	04	Exterior Fountain Water Treatment	22	52	19					
G	20	60	10	05	Exterior Fountain Pumps	22	52	16					
G	20	60	10	06	Exterior Fountain Equipment Controls	22	52	23					
G	20	60	10	07	Exterior Fountain Piping System	22	52	13					
G	20	60	10	08	Exterior Fountain Specialties								
G	20	60	20		Fences and Gates	32	31	00					
G	20	60	20	01	Fences and Gates Performance Requirements	01	89	16					
G	20	60	20	02	Security Level								
G	20	60	20	03	Gate Operators	32	31	11		R			GOP
G	20	60	20	04	Chain Link Fences and Gates	32	31	13		R			CLF
G	20	60	20	05	Welded Wire Fences and Gates	32	31	16		R			WWF
G	20	60	20	06	Decorative Metal Fences and Gates	32	31	19		R			DMF
G	20	60	20	07	Plastic Fences and Gates	32	31	23		R			PFG
G	20	60	20	08	Wire Fences and Gates	32	31	26		R			WFG
G	20	60	20	09	Wood Fences and Gates	32	31	29		R			WDF
G	20	60	20	10	Cattle Guards	32	31	53					
G	20	60	25		Site Furnishings	12	93	00					
G	20	60	25	01	Bicycle Racks	12	93	13					
G	20	60	25	02	Trash and Litter Receptors	12	93	23					
G	20	60	25	03	Planters	12	93	33					
G	20	60	25	04	Site Seating and Tables	12	93	43					
G	20	60	30		Exterior Signage	10	14	00					
G	20	60	35		Flagpoles	10	75	00					
G	20	60	35	01	Flagpoles Performance Requirements	01	89	16					
G	20	60	35	02	Wind Load Capacity	01	89	16					
G	20	60	35	03	Automatic Flagpoles	10	75	13					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	20	60	35	04	Ground-Set Flagpoles	10	75	16			
G	20	60	35	05	Nautical Flagpoles	10	75	19			
G	20	60	35	06	Wall-Mounted Flagpoles	10	75	23			
G	20	60	40		Covers and Shelters	10	73	00			
G	20	60	40	01	Covers and Shelters Performance Requirements	01	89	16			
G	20	60	40	02	Load Capacity	01	89	16			
G	20	60	40	03	Attendant Booths						
G	20	60	40	04	Site Constructed Attendant Booths Manufactured Attendant Booths						
G	20	60	40	05	Car Shelters	10	73	23			
G	20	60	40	06	Walkway Coverings	10	73	26			
G	20	60	40	07	Transportation Stop Shelters	10	73	43			
G	20	60	45		Exterior Gas Lighting	10	84	13			
G	20	60	50		Site Equipment						
G	20	60	50	01	Banking Equipment						
G	20	60	50	02	Automatic Banking Systems	11	17	16			
G	20	60	60		Retaining Walls	32	32	00			
G	20	60	60	01	Retaining Walls Performance Requirements	01	89	16			
G	20	60	60	02	Lateral Earth Pressures	01	89	16			
G	20	60	60	03	Cast-In-Place Concrete Retaining Walls	32	32	13			
G	20	60	60	04	Precast Concrete Retaining Walls	32	32	16			
G	20	60	60	05	Unit Masonry Retaining Walls	32	32	19			
G	20	60	60	06	Segmental Retaining Walls	32	32	23			
G	20	60	60	07	Metal Crib Retaining Walls	32	32	26			
G	20	60	60	08	Timber Retaining Walls	32	32	29			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	20	60	60	09	Reinforced Soil Retaining Walls	32	32	34			
G	20	60	60	10	Gabion Retaining Walls	32	32	36			
G	20	60	60	11	Soldier-Beam Retaining Walls	32	32	43			
G	20	60	60	12	Stone Retaining Walls	32	32	53			
G	20	60	60	13	Retaining Wall Subdrainage	33	46	33			
G	20	60	70		Site Bridges	32	34	00			
G	20	60	70	01	Site Bridges Performance Requirements	01	89	16			
G	20	60	70	02	Live Load Capacity	01	89	16			
G	20	60	70	03	Pedestrian Bridges	32	34	13			
G	20	60	70	04	Vehicular Bridges	32	34	23			
G	20	60	80		Site Screening Devices	32	35	00			
G	20	60	80	01	Screens and Louvers	32	35	13			
G	20	60	80	02	Sound Barriers	32	35	16			
G	20	60	85		Site Specialties	32	39	00			
G	20	60	85	01	Metal Bollards	32	39	13			
G	20	80			Landscaping						
G	20	80	10		Planting Irrigation	32	84	00			
G	20	80	10	01	Planting Irrigation Performance Requirements	01	89	16			
G	20	80	10	02	Irrigation Pumps	32	82	00			
G	20	80	10	03	Drip Irrigation	32	84	13			
G	20	80	10	04	Sprinkler Systems	32	84	23			
G	20	80	20		Turf and Grasses	32	92	00			
G	20	80	20	01	Hydro-Mulching	32	92	13			
G	20	80	20	02	Plugging	32	92	16			
G	20	80	20	03	Seeding	32	92	19			
G	20	80	20	04	Sodding	32	92	23			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	20	80	20	05	Sprigging	32	92	26			
G	20	80	30		Plants	32	93	00			
G	20	80	30	01	Ground Covers	32	93	13			
G	20	80	30	02	Plants and Bulbs	32	93	23			
G	20	80	30	03	Shrubs	32	93	33			
G	20	80	30	04	Trees	32	93	43			
G	20	80	50		Planting Accessories	32	94	00			
G	20	80	50	01	Landscape Edging	32	94	13			
G	20	80	50	02	Landscape Timbers	32	94	16			
G	20	80	50	03	Planters	32	94	33			
G	20	80	50	04	Tree Grates	32	94	43			
G	20	80	50	05	Tree Grids	32	94	46			
G	20	80	50	06	Decorative Landscape Boulders						
G	20	80	50	07	Vertical Planting Nets and Grids						
G	20	80	70		Landscape Lighting	26	56	26			
G	20	80	80		Landscaping Activities						
G	20	80	80	01	Planting Preparation	32	91	00			
G	20	80	80	02	Transplanting	32	96	00			
G	30				LIQUID AND GAS SITE UTILITIES						
					Site Plumbing Utilities Performance	01	89	19			
G	30	10			Water Utilities	33	10	00			
G	30	10	10		Site Domestic Water Distribution						
G	30	10	10	01	Site Domestic Water Distribution Performance Requirements	01	89	19			
G	30	10	10	02	Water Utility Service						
G	30	10	10	03	Water Supply Wells	33	21	00			
G	30	10	10	04	Water Distribution Piping	33	11	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	30	10	10	05	Water Distribution Equipment	33	12	00		R	UWE
G	30	10	10	06	Water Service Connections	33	12	13		R	UWC
G	30	10	10	07	Water Distribution Valves	33	12	16		R	UWV
G	30	10	10	08	Fire Hydrants	33	12	19		R	UFH
G	30	10	10	09	Water Pumping Stations	33	12	23		R	WPS
G	30	10	10	10	Water Metering	33	12	33			
G	30	10	10	11	Disinfecting of Water Distribution	33	13	00			
G	30	10	10	12	Water Storage Tanks	33	16	00			
G	30	10	10	13	Water Distribution Ponds	33	47	19	13		
G	30	10	10	14	Water Distribution Pond Liners	33	47	13	13		
G	30	10	10	15	Water Distribution Pond Covers	33	47	16	13		
G	30	10	10	16	Backflow Preventer					R	UWP
G	30	10	30		Site Fire Protection Water Distribution						
G	30	10	30	01	Site Fire Protection Water Distribution Water Utility Service	01	89	19			
G	30	10	30	02	Water Supply Wells	33	21	00			
G	30	10	30	03	Water Distribution Piping	33	11	19			
G	30	10	30	04	Water Distribution Equipment	33	12	00		R	UFE
G	30	10	30	05	Water Service Connections	33	12	13		R	UFC
G	30	10	30	06	Water Distribution Valves	33	12	16		R	UFV
G	30	10	30	07	Fire Hydrants	33	12	19		R	FFH
G	30	10	30	08	Water Pumping Stations	33	12	23		R	FWP
G	30	10	30	09	Water Metering	33	12	33			
G	30	10	30	10	Water Storage Tanks	33	16	00			
G	30	10	30	11	Fire Protection Water Ponds	33	47	19	33		
G	30	10	30	12	Water Pond Liners	33	47	13	13		
G	30	10	30	13	Water Pond Covers	33	47	16	13		

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT								
G	30	10	50		Site Irrigation Water Distribution									
G	30	10	50	01	Site Irrigation Water Distribution Performance	01	89	19						
G	30	10	50	02	Water Utility Service									
G	30	10	50	03	Irrigation Water Wells	33	21	16						
G	30	10	50	04	Water Distribution Piping	33	11	00						
G	30	10	50	05	Water Distribution Equipment	33	12	00		R		IWE		
G	30	10	50	06	Water Service Connections	33	12	13		R		IWC		
G	30	10	50	07	Water Distribution Valves	33	12	16		R		IDV		
G	30	10	50	08	Water Pumping Stations	33	12	23		R		IPS		
G	30	10	50	09	Water Metering	33	12	33						
G	30	10	50	10	Water Storage Tanks	33	16	00						
G	30	10	50	11	Water Ponds and Reservoirs	33	47	19						
G	30	10	50	12	Water Pond and Reservoir Liners	33	47	13						
G	30	10	50	13	Water Pond and Reservoir Covers	33	47	16						
G	30	20			Sanitary Sewerage Utilities	33	30	00						
					Sanitary Sewerage Utility Performance	01	89	19						
G	30	20	10		Sanitary Sewerage Utility Connection									
G	30	20	20		Sanitary Sewerage Piping	33	31	00						
G	30	20	20	01	Low Pressure Sanitary Sewerage	33	33	00						
G	30	20	20	02	Sanitary Sewerage Force Mains	33	34	00						
G	30	20	40		Utility Septic Tanks	33	36	00						
G	30	20	40	01	Septic Tanks and Effluent Wet Wells	33	36	13						
G	30	20	40	02	Septic Tank Effluent Pumps	33	36	16		R		SEP		
G	30	20	40	03	Drainage Field	33	36	33						
G	30	20	50		Sanitary Sewerage Structures	33	39	00						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	30	20	50	01	Sewerage Manholes, Frames, and Covers	33	39	13			
G	30	20	50	02	Sewerage Cleanouts	33	39	23			
G	30	20	50	03	Sewer Lift Stations					R	SLS
G	30	20	60		Sanitary Sewerage Lagoons	33	47	23			
G	30	30			Storm Drainage Utilities	33	40	00			
					Storm Drainage Utility Performance	01	89	19			
G	30	30	10		Storm Drainage Utility Connection						
G	30	30	20		Storm Drainage Piping	33	41	00			
G	30	30	30		Culverts	33	42	00			
G	30	30	30	01	Pipe Culverts	33	42	13			
G	30	30	30	02	Concrete Culverts	33	42	16			
G	30	30	40		Site Storm Water Drains	33	44	00			
G	30	30	40	01	Area Drains	33	44	13			
G	30	30	40	02	Trench Drains	33	44	16			
G	30	30	40	03	Storm Water Treatment	33	44	19			
G	30	30	50		Storm Drainage Pumps	33	45	00			
G	30	30	60		Site Subdrainage	33	46	00			
G	30	30	60	01	Subdrainage Piping	33	46	16			
G	30	30	60	02	Drainage Layers	33	46	23			
G	30	30	60	03	Geotextile Subsurface Drainage Filtration	33	46	26			
G	30	30	70		Storm Drainage Ponds and Reservoirs	33	47	26			
G	30	30	70	01	Stabilization Ponds	33	47	26	13		
G	30	30	70	02	Retention Basins	33	47	26	16		
G	30	30	70	03	Leaching Pits	33	47	26	19		
G	30	30	70	04	Water Pond and Reservoir Liners	33	47	13			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	30	50			Site Energy Distribution						
G	30	50	10		Site Hydronic Heating Distribution	33	61	00			
G	30	50	10	01	Site Hydronic Heating Distribution Performance Requirements	01	89	23			
G	30	50	10	02	Heating Utility Connection						
G	30	50	10	03	Underground Heating Distribution	33	61	13			
G	30	50	10	04	Aboveground Heating Distribution	33	61	23			
G	30	50	20		Site Steam Energy Distribution	33	63	00			
G	30	50	20	01	Site Steam Distribution Performance Requirements	01	89	23			
G	30	50	20	02	Steam Utility Connection						
G	30	50	20	03	Underground Steam and Condensate	33	63	13			
G	30	50	20	04	Aboveground Steam and Condensate	33	63	23			
G	30	50	40		Site Hydronic Cooling Distribution	33	61	00			
G	30	50	40	01	Site Hydronic Cooling Distribution Performance Requirements	01	89	23			
G	30	50	40	02	Cooling Utility Connection						
G	30	50	40	03	Underground Cooling Distribution	33	61	13			
G	30	50	40	04	Aboveground Cooling Distribution	33	61	23			
G	30	60			Site Fuel Distribution						
G	30	60	10		Site Gas Distribution	33	41	00			
G	30	60	10	01	Site Gas Distribution Performance Requirements	01	89	23			
G	30	60	10	02	Gas Utility Connection						
G	30	60	10	03	Natural-Gas Distribution	33	51	00			
G	30	60	10	04	Liquefied Petroleum Gas Distribution						
G	30	60	10	05	Compressed Gases Storage Tanks	33	56	23	R		CST
G	30	60	20		Site Fuel-Oil Distribution	33	52	13			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
G	30	60	20	01	Site Fuel-Oil Distribution Performance	01	89	23					
G	30	60	20	02	Fuel-Oil Piping	33	52	13	13				
G	30	60	20	03	Fuel-Oil Pumps	33	52	13	23	R		FOP	
G	30	60	20	04	Fuel-Oil Storage Tanks	33	56	00		R		OST	
G	30	60	30		Site Gasoline Distribution	33	52	16					
G	30	60	30	01	Site Gasoline Distribution Performance	01	89	23					
G	30	60	30	02	Gasoline Piping	33	52	16	13				
G	30	60	30	03	Gasoline Pumps	33	52	16	23	R		GSP	
G	30	60	30	04	Gasoline Storage Tanks	33	56	00		R		GST	
G	30	60	40		Site Diesel Fuel Distribution	33	52	19					
G	30	60	40	01	Site Diesel Fuel Distribution Performance	01	89	23					
G	30	60	40	02	Diesel Fuel Piping	33	52	19	13				
G	30	60	40	03	Diesel Fuel Pumps	33	52	19	23	R		DFP	
G	30	60	40	04	Diesel Fuel Storage Tanks	33	56	00		R		DST	
G	30	60	60		Site Aviation Fuel Distribution	33	52	43					
G	30	60	60	01	Site Aviation Fuel Distribution Performance	01	89	23					
G	30	60	60	02	Aviation Fuel Piping	33	52	43	13				
G	30	60	60	03	Aviation Fuel Pumps	33	52	43	23	R		AFP	
G	30	60	60	04	Aviation Fuel Grounding	33	52	43	19				
G	30	60	60	05	Aviation Fuel Storage Tanks	33	56	43		R		AST	
G	30	90			Liquid and Gas Site Utilities Supplementary Components								
G	30	90	10		Supplementary Components								
G	30	90	10	01	Common Work Results for Utilities	03	05	00					
G	30	90	10	02	Manholes and Structures	03	05	13					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	30	90	10	03	Utility Structures	03	05	16		R	UTS
G	30	90	10	04	Pressure Piping Tied Joint Restraint System	33	05	19			
G	30	90	10	05	Trenchless Utility Installations	03	05	23			
G	30	90	10	06	Utility Identification	03	05	26			
G	30	90	10	07	Instrumentation and Control	03	09	00		R	GIC
G	40				ELECTRICAL SITE IMPROVEMENTS						
					Site Electrical Utilities Performance	01	89	26			
G	40	10			Site Electric Distribution Systems						
					Site Electric Distribution System Performance Requirements	01	89	26			
G	40	10	10		Electrical Utility Services	33	71	73			
G	40	10	20		Electric Transmission and Distribution	33	71	00			
G	40	10	20	01	Electrical Utility Towers	33	71	13			
G	40	10	20	02	Electrical Utility Poles	33	71	16			
G	40	10	20	03	Underground Ducts and Manholes	33	71	19			
G	40	10	20	04	Insulators and Fittings	33	71	23			
G	40	10	20	05	Transmission and Distribution Equipment	33	71	26		R	TDE
G	40	10	20	06	Wiring	33	71	39			
						33	71	49			
G	40	10	20	07	Direct Current Transmission	33	71	53			
G	40	10	20	08	Transmission and Distribution Specialties	33	71	83			
G	40	10	30		Electrical Substations	33	72	00			
G	40	10	30	01	Deadend Structures	33	72	13			
G	40	10	30	02	Structural Bus Supports	33	72	23			
G	40	10	30	03	Substation Bus Assemblies	33	72	26			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	40	10	30	04	Control House Equipment	33	72	33			
G	40	10	30	05	Substation Control Wiring	33	72	43			
G	40	10	40		Electrical Transformers	33	73	00		R	EFR
G	40	10	50		Electrical Switchgear and Protection Devices	33	75	00			
G	40	10	50	01	Circuit Breakers	33	77	00			
G	40	10	50	02	Fusible Interrupter Switchgear	33	77	26			
G	40	10	50	03	Cutouts Fuses	33	77	33			
G	40	10	50	04	Surge Arresters Shunt Arresters Reclosers	33	77	53			
G	40	10	70		Site Grounding	33	79	00			
G	40	10	70	01	Site Improvements Grounding	33	79	13			
G	40	10	70	02	Tower Grounding	33	79	16			
G	40	10	70	03	Utilities Grounding	33	79	19			
G	40	10	70	04	Utility Substation Grounding	33	79	23			
G	40	10	70	05	Site Grounding Conductors	33	79	83			
G	40	10	70	06	Site Lightning Protection	33	79	93			
G	40	10	90		Electrical Distribution System Instrumentation and	33	09	70			
G	40	50			Site Lighting	26	56	29			
G	40	50	10		Area Lighting	26	56	23			
G	40	50	10	01	Area Lighting Performance Requirements						
G	40	50	10	02	Lighting Levels						
G	40	50	20		Flood Lighting	26	56	36			
G	40	50	50		Building Illumination						
G	40	50	90		Exterior Lighting Supplementary Components						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	40	50	90	01	Lighting Poles and Standards	26	56	13			
G	40	50	90	02	Site Lighting Instrumentation and Controls	26	09	00			
G	50				SITE COMMUNICATIONS						
G	50	10			Site Communications Systems	33	80	00			
G	50	10	10		Site Communications Structures	33	81	00			
G	50	10	10	01	Communications Transmission Towers	33	81	13			
G	50	10	10	02	Antenna Towers	33	81	16			
G	50	10	10	03	Communications Utility Poles	33	81	19			
G	50	10	10	04	Aerial Cable Installation Hardware	33	81	23			
G	50	10	10	05	Communications Underground Ducts, Manholes, and Handholes	33	81	26		R	CDB
G	50	10	10	06	Communications Vaults, Pedestal, and Enclosures	33	81	29		R	CMV
G	50	10	10	07	Communications Blowers, Fans, and Ventilation	33	81	33			
G	50	10	30		Site Communications Distribution	33	82	00			
G	50	10	30	01	Copper Communications Distribution Cabling	33	82	13			
G	50	10	30	02	Optical Fiber Communications Distribution	33	82	23			
G	50	10	30	03	Coaxial Communications Distribution Cabling	33	82	33			
G	50	10	30	04	Grounding and Bonding for Communications	33	82	43			
G	50	10	30	05	Cable Pressurization Equipment	33	82	46			
G	50	10	30	06	Cleaning, Lubrication, and Restoration Chemicals	33	82	53			
G	50	10	50		Wireless Communications Distribution	33	83	00			

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT					
G	50	10	50	01	Laser Transmitter and Receivers	33	83	13			
G	50	10	50	02	Microwave Transmitter and Receivers	33	83	16			
G	50	10	50	03	Infrared Transmitter and Receivers	33	83	19			
G	50	10	50	04	UHF/VHF Transmitter and Receivers	33	83	23			
G	50	10	50	05	For Site Electronic Safety and Security Systems						
G	90				MISCELLANEOUS SITE CONSTRUCTION						
					Other Site Construction Performance	01	89	29			
G	90	10			Tunnels	31	70	00			
					Tunnel Performance Requirements	01	89	29			
G	90	10	10		Vehicular Tunnels						
G	90	10	10	01	Vehicular Tunnel Support Systems	31	72	00			
G	90	10	10	02	Rock Reinforcement and Initial Support	31	72	13			
G	90	10	10	03	Steel Ribs and Lagging	31	72	16			
G	90	10	10	04	Vehicular Tunnel Grouting	31	73	00			
G	90	10	10	05	Cement Tunnel Grouting	31	73	13			
G	90	10	10	06	Chemical Tunnel Grouting	31	73	16			
G	90	10	10	07	Vehicular Tunnel Construction	31	74	00			
G	90	10	10	08	Cast-In-Place Concrete Tunnel Lining	31	74	13			
G	90	10	10	09	Precast Concrete Tunnel Lining	31	74	16			
G	90	10	10	10	Shotcrete Tunnel Lining	31	74	19			
G	90	10	10	11	Shaft Construction	31	75	00			
G	90	10	10	12	Cast-In-Place Concrete Shaft Lining	31	75	13			
G	90	10	10	13	Precast Concrete Shaft Lining	31	75	16			
G	90	10	10	14	Vehicular Submersible Tube Tunnels	31	77	00			
G	90	10	20		Pedestrian Tunnels						

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
G	90	10	20	01	Pedestrian Tunnel Support Systems	31	72	00					
G	90	10	20	02	Rock Reinforcement and Initial Support	31	72	13					
G	90	10	20	03	Steel Ribs and Lagging	31	72	16					
G	90	10	20	04	Pedestrian Tunnel Grouting	31	73	00					
G	90	10	20	05	Cement Tunnel Grouting	31	73	13					
G	90	10	20	06	Chemical Tunnel Grouting	31	73	16					
G	90	10	20	07	Pedestrian Tunnel Construction	31	74	00					
G	90	10	20	08	Cast-In-Place Concrete Tunnel Lining	31	74	13					
G	90	10	20	09	Precast Concrete Tunnel Lining	31	74	16					
G	90	10	20	10	Shotcrete Tunnel Lining	31	74	19					
G	90	10	20	11	Shaft Construction	31	75	00					
G	90	10	20	12	Cast-In-Place Concrete Shaft Lining	31	75	13					
G	90	10	20	13	Precast Concrete Shaft Lining	31	75	16					
G	90	10	20	14	Pedestrian Submersible Tube Tunnels	31	77	00					
G	90	10	40		Service Tunnels								
G	90	10	40	01	Service Tunnel Support Systems	31	72	00					
G	90	10	40	02	Rock Reinforcement and Initial Support	31	72	13					
G	90	10	40	03	Steel Ribs and Lagging	31	72	16					
G	90	10	40	04	Service Tunnel Grouting	31	73	00					
G	90	10	40	05	Cement Tunnel Grouting	31	73	13					
G	90	10	40	06	Chemical Tunnel Grouting	31	73	16					
G	90	10	40	07	Service Tunnel Construction	31	74	00					
G	90	10	40	08	Cast-In-Place Concrete Tunnel Lining	31	74	13					
G	90	10	40	09	Precast Concrete Tunnel Lining	31	74	16					
G	90	10	40	10	Shotcrete Tunnel Lining	31	74	19					
G	90	10	40	11	Shaft Construction	31	75	00					

UNIFORMAT LEVEL					ELEMENTS	MASTER FORMAT							
G	90	10	40	12	Cast-In-Place Concrete Shaft Lining	31	75	13					
G	90	10	40	13	Precast Concrete Shaft Lining	31	75	16					
G	90	10	40	14	Service Submersible Tube Tunnels	31	77	00					
G	90	10	90		Tunnel Construction Related Activities								
G	90	10	90	01	Tunnel Excavation	31	71	00					
G	90	10	90	02	Shield Driving Tunnel Excavation	31	71	13					
G	90	10	90	03	Tunnel Drilling and Blasting	31	71	16					
G	90	10	90	04	Tunnel Boring Machine	31	71	19					
G	90	10	90	05	Tunnel Cut and Cover	31	71	23					