MODEL AND FACILITY DATA MATRIX

STEP 1: Is This a BIM Project? — **Yes**

STEP 2: Select **Yes** or **No** in **Column E** for each **MASTERSYSTEM**, **SYSTEM** and **SUBSYSTEM** that is **In** the **Project Scope**

CLASSIFICATION ID	MASTERSYSTEM / SYSTEM / SUBSYSTEM Name	System Type	UOM	In Scope (Yes or No)	Modeling Requirements: DESIGN MODEL: DISCIPLINE	LOD	GRADE	RECORD MODEL: GRADE	Required Facility Asset Fields: 1 AssetNum	2 Description	3 Long Description	4 MASTERSYSTEM	5 SYSTEM	6 SUBSYSTEM	7 Building Number	8 Asset Quantity	9 Replacement Cost	10 Contract Number	11 Task/Delivery Order Number	12 Warranty Expiration Date	13 Installation Date	14 Room Number	15 Manufacturer	16 Model	17 Serial #
A10	A10 - FOUNDATIONS	MASTERSYSTEM	•	Yes	•	•	•	•																	
A1010		SYSTEM	•	Yes	•	•	•	•																	
A1010110	A1010110 - STRIP FOOTINGS	SUBSYSTEM	LF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1010210	A1010210 - SPREAD FOOTINGS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1010250	A1010250 - PILE CAPS	SUBSYSTEM	EA	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1020	A1020 - SPECIAL FOUNDATIONS	SYSTEM	•	Yes	•	•	•	•																	
A102005	A102005 - RAFT FOUNDATIONS	SUBSYSTEM	CY	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1020110	A1020110 - CIP CONCRETE PILES	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1020120	A1020120 - PRECAST CONCRETE PILES	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1020130	A1020130 - STEEL PIPE PILES	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1020140	A1020140 - STEEL H PILES	SUBSYSTEM	EA	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1020160	A1020160 - TREATED WOOD PILES	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1020210	A1020210 - GRADE BEAMS	SUBSYSTEM	LF	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A1030	A1030 - SLAB ON GRADE	SYSTEM	•	Yes	•	•	•	•																	
A1030120	A1030120 - PLAIN/REINFORCED	SUBSYSTEM	SF	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A20	A20 - BASEMENT CONSTRUCTION	MASTERSYSTEM	•	No	•	•	•	•																	
A2010	A2010 - BASEMENT EXCAVATION	SYSTEM	•	No	•	•	•	•																	
A2020	A2020 - BASEMENT WALLS	SYSTEM	•	No	•	•	•	•																	
A2020110	A2020110 - CIP CONCRETE	SUBSYSTEM	LF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A2020140	A2020140 - CONCRETE BLOCK	SUBSYSTEM	LF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
A2020150	A2020150 - WOOD	SUBSYSTEM	LF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B10	B10 - SUPERSTRUCTURE	MASTERSYSTEM	•	Yes	•	•	•	•																	
B1010	B1010 - FLOOR CONSTRUCTION	SYSTEM	•	Yes	•	•	•	•																	
B1010220	B1010220 - CIP CONCRETE BEAM AND SLAB	SUBSYSTEM	SF	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1010238	B1010238 - PRECAST CONCRETE BEAM AND PLANK	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1010244	B1010244 - LIGHT GAUGE STEEL FLOOR SYSTEM	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1010250	B1010250 - COMPOSITE DECK, STEEL BAR JOISTS	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1010254	B1010254 - COMP DECK, STRUCTURAL STEEL BEAM	SUBSYSTEM	SF	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1010264	B1010264 - WOOD BEAM, JOIST, AND DECK	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1010998	B1010998 - EXTERIOR STAIRS	SUBSYSTEM	FLIGHT	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1020	B1020 - ROOF CONSTRUCTION	SYSTEM	•	Yes	•	•	•	•																	
B1020102	B1020102 - WOOD DECK AND RAFTER	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1020108	B1020108 - STEEL DECK, BEAMS AND BAR JOIST	SUBSYSTEM	SF	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1020122	B1020122 - CIP CONCRETE ROOF CONSTRUCTION	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1020137	B1020137 - AWNING/CANOPY	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1020901	B1020901 - CIP CONCRETE BEAM AND SLAB	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1020902	B1020902 - PRECAST CONCRETE BEAM AND PLANK	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B1030	B1030 - ROOF CONSTRUCTION	SYSTEM	•	No	•	•	•	•																	
B103001	B103001 - METAL STRUCTURAL FRAME	SUBSYSTEM	LF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B20	B20 - EXTERIOR ENCLOSURE	MASTERSYSTEM	•	Yes	•	•	•	•																	
B2010	B2010 - EXTERIOR WALLS	SYSTEM	•	Yes	•	•	•	•																	
B2010101	B2010101 - CIP CONCRETE	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010104	B2010104 - PRECAST CONCRETE PANEL (RIBBED)	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010106	B2010106 - PRECAST CONCRETE PANEL (TILT UP)	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010109	B2010109 - CONCRETE BLOCK	SUBSYSTEM	SF	Yes	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010125	B2010125 - SOLID BRICK - SINGLE WYTHE	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010126	B2010126 - SOLID BRICK - DOUBLE WYTHE	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010128	B2010128 - STONE VENEER W/STUD BACKUP	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010130	B2010130 - BRICK VENEER W/STUD BACKUP	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010132	B2010132 - MASONRY COMPOSITE	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010134	B2010134 - MASONRY CAVITY	SUBSYSTEM	SF	Yes	ARCHITECTURAL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010140	B2010140 - GLASS BLOCK	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010146	B2010146 - METAL SIDING PANEL	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010148	B2010148 - WOOD CLADDING W/STUD BACKUP	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010151	B2010151 - STUCCO WALL	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2010152	B2010152 - E.I.F.S.	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
B2020	B2020 - EXTERIOR GLAZED OPENINGS	SYSTEM	•	Yes	•	•	•	•																	
B2020102	B2020102 - WOOD WINDOWS	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2020104	B2020104 - STEEL WINDOWS	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2020106	B2020106 - ALUMINUM WINDOWS	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2020210	B2020210 - TUBULAR ALUMINUM FRAMING	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2020220	B2020220 - CURTAIN WALL PANELS	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2030	B2030 - EXTERIOR DOORS	SYSTEM	•	Yes	•	•	•	•																	
B2030110	B2030110 - GLAZED DOORS	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2030210	B2030210 - WOOD DOORS	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2030220	B2030220 - STEEL DOORS	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2030230	B2030230 - ALUMINUM DOORS	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B2030410	B2030410 - OVERHEAD DOORS	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
B2030901	B2030901 - HANGAR DOORS	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
B2030902	B2030902 - BLAST RESISTANT DOORS	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
B30	B30 - ROOFING	MASTERSYSTEM	•	Yes	•	•	•	•																	
B3010	B3010 - ROOF COVERING	SYSTEM	•	Yes	•	•	•	•																	
B3010105	B3010105 - BUILT-UP	SUBSYSTEM	SF	Yes	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3010120	B3010120 - SINGLE PLY MEMBRANE	SUBSYSTEM	SF	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3010130	B3010130 - PREFORMED METAL	SUBSYSTEM	SF	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3010135	B3010135 - FORMED METAL	SUBSYSTEM	SF	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3010140	B3010140 - SHINGLE TILE	SUBSYSTEM	SF	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3010320	B3010320 - ROOF DECK INSULATION	SUBSYSTEM	SF	Yes	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3010610	B3010610 - GUTTERS	SUBSYSTEM	LF	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3010620	B3010620 - DOWNSPOUTS	SUBSYSTEM	LF	Yes	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3020	B3020 - ROOF OPENING	SYSTEM	•	No	•	•	•	•																	
B3020110	B3020110 - SKYLIGHTS	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
B3020210	B3020210 - HATCHES	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C10	C10 - INTERIOR CONSTRUCTION	MASTERSYSTEM	•	Yes	•	•	•	•																	
C1010	C1010 - PARTITIONS	SYSTEM	•	Yes	•	•	•	•																	
C1010102	C1010102 - CONCRETE BLOCK	SUBSYSTEM	SF	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
C1010120	C1010120 - TILE	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
C1010126	C1010126 - DRYWALL W/STUD FRAMING	SUBSYSTEM	SF	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
C1010140	C1010140 - PLASTER W/STUD FRAMING	SUBSYSTEM	SF	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
C1010710	C1010710 - INTERIOR WINDOWS	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
C1020	C1020 - INTERIOR DOORS	SYSTEM	•	Yes	•	•	•	•																	
C1020102	C1020102 - SPECIAL DOORS	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1020111	C1020111 - FIRE DOOR, SWINGING	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1020112	C1020112 - FIRE DOOR, SLIDING	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1020113	C1020113 - FIRE DOOR, ROLLING SERVICE/ROLL-UP	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1020114	C1020114 - METAL DOOR	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1020120	C1020120 - WOOD DOOR/WOOD FRAME	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1020122	C1020122 - WOOD DOOR/METAL FRAME	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1020124	C1020124 - WOOD FIRE DOORS/METAL FRAMES	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1020301	C1020301 - BLAST RESISTANT DOOR	SUBSYSTEM	EA	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1030	C1030 - FITTINGS	SYSTEM	•	Yes	•	•	•	•																	
C1030110	C1030110 - TOILET PARTITIONS	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1030310	C1030310 - LOCKERS	SUBSYSTEM	EA	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1030830	C1030830 - CABINETS	SUBSYSTEM	LF	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C1030831	C1030831 - COUNTERTOP	SUBSYSTEM	LF	Yes	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C20	C20 - STAIRS	MASTERSYSTEM	•	No	•	•	•	•																	
C2010	C2010 - STAIR CONSTRUCTION	SYSTEM	•	No	•	•	•	•																	
C2010110	C2010110 - STAIRS	SUBSYSTEM	FLIGHT	No	ARCHITECTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				
C2020	C2020 - STAIR FINISHES	SYSTEM	•	No	•	•	•	•																	
C30	C30 - INTERIOR FINISHES	MASTERSYSTEM	•	Yes	•	•	•	•																	
C3010	C3010 - WALL FINISHES	SYSTEM	•	Yes	•	•	•	•																	
C3010230	C3010230 - WALL COVERING	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3010380	C3010380 - WALL TILE	SUBSYSTEM	SF	Yes	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020	C3020 - FLOORING	SYSTEM	•	Yes	•	•	•	•																	

C3020901	C3020901 - CARPET	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020902	C3020902 - CARPET TILE	SUBSYSTEM	SF	Yes	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020903	C3020903 - COMPOSITION SHEET	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020904	C3020904 - CONCRETE TOPPING	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020905	C3020905 - WOOD	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020906	C3020906 - TERRAZZO	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020907	C3020907 - VINYL TILE	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020908	C3020908 - CORK TILE	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020909	C3020909 - RUBBER SHEET	SUBSYSTEM	SF	Yes	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020910	C3020910 - PORCELAIN TILE	SUBSYSTEM	SF	Yes	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020911	C3020911 - QUARRY TILE	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020912	C3020912 - PAINT	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020913	C3020913 - MARBLE TILE	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020914	C3020914 - CERAMIC TILE	SUBSYSTEM	SF	No	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3020915	C3020915 - ACCESS FLOORING	SUBSYSTEM	SF	Yes	ARCHITECTURAL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3030	C3030 - CEILING FINISHES	SYSTEM	•	Yes	•	•	•	•																	
C3030105	C3030105 - PLASTER	SUBSYSTEM	SF	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3030110	C3030110 - DRYWALL	SUBSYSTEM	SF	Yes	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3030210	C3030210 - ACOUSTICAL	SUBSYSTEM	SF	Yes	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
C3040	C3040 - INTERIOR FINISH ASSEMBLIES	SYSTEM	•	No	•	•	•	•																	
D10	D10 - CONVEYING	MASTERSYSTEM	•	No	•	•	•	•																	
D1010	D1010 - ELEVATORS AND LIFTS	SYSTEM	•	No	•	•	•	•																	
D1010110	D1010110 - HYDRAULIC ELEVATORS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1010140	D1010140 - TRACTION GEARED ELEVATORS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1010150	D1010150 - TRACTION GEARLESS ELEVATORS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1010160	D1010160 - CABLE DRUM ELEVATOR	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1010200	D1010200 - RACK & PINION AND SCREW COLUMN ELEVATORS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1010250	D1010250 - ACCESSIBILITY LIFTS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1010300	D1010300 - MATERIAL LIFTS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1010901	D1010901 - LIFTS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1020	D1020 - ESCALATORS AND MOVING WALKS	SYSTEM	•	No	•	•	•	•																	
D1020110	D1020110 - ESCALATORS	SUBSYSTEM	EA	No	ARCHITECTURAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1020210	D1020210 - MOVING WALKS	SUBSYSTEM	LF	No	ARCHITECTURAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1090	D1090 - OTHER CONVEYING SYSTEMS	SYSTEM	•	No	•	•	•	•																	
D1090901	D1090901 - CONVEYORS	SUBSYSTEM	LF	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1090902	D1090902 - CRANES AND HOISTS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D1090903	D1090903 - PNEUMATIC TUBE SYSTEM	SUBSYSTEM	LF	No	ARCHITECTURAL,ELECTRICAL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D20	D20 - PLUMBING	MASTERSYSTEM	•	Yes	•	•	•	•																	
D2010	D2010 - PLUMBING FIXTURES	SYSTEM	•	Yes	•	•	•	•																	
D2010110	D2010110 - TOILET	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010210	D2010210 - URINAL	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010310	D2010310 - LAVATORY	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010410	D2010410 - SINK	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010430	D2010430 - LABORATORY SINK	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010510	D2010510 - BATHTUB	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010610	D2010610 - GROUP WASH FOUNTAIN	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010710	D2010710 - SHOWER	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010810	D2010810 - DRINKING FOUNTAIN	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010820	D2010820 - WATER COOLER	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010901	D2010901 - EMERGENCY SHOWER	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010902	D2010902 - EMERGENCY EYE WASH	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2010903	D2010903 - BIDET	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020	D2020 - DOMESTIC WATER DISTRIBUTION	SYSTEM	•	Yes	•	•	•	•																	
D2020210	D2020210 - WATER HEATERS, RESIDENTIAL, ELEC	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020220	D2020220 - WATER HEATERS, RESIDENTIAL, GAS	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020230	D2020230 - WATER HEATERS, RESIDENTIAL, OIL	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020240	D2020240 - WATER HEATERS, COMMERCIAL, ELEC	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020250	D2020250 - WATER HEATERS, COMMERCIAL, GAS	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020260	D2020260 - WATER HEATERS, COMMERCIAL, OIL	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020901	D2020901 - BOOSTER PUMP	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020902	D2020902 - STORAGE TANK	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020903	D2020903 - BACKFLOW PREVENTER	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020904	D2020904 - HEAT TRANSFER PACKAGE	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020905	D2020905 - PIPING/FITTINGS	SUBSYSTEM	LF	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2020906	D2020906 - CIRCULATING PUMP	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2030	D2030 - SANITARY WASTE	SYSTEM	•	Yes	•	•	•	•																	
D2030901	D2030901 - SANITARY WASTE SEPARATOR	SUBSYSTEM	EA	No	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2030902	D2030902 - WASTE/VENT PIPING	SUBSYSTEM	LF	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2030905	D2030905 - SUMP PUMP	SUBSYSTEM	EA	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2040	D2040 - RAIN WATER DRAINAGE	SYSTEM	•	Yes	•	•	•	•																	
D2040210	D2040210 - ROOF DRAINS	SUBSYSTEM	LF	Yes	PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D2090	D2090 - OTHER PLUMBING SYSTEMS	SYSTEM	•	No	•	•	•	•																	
D30	D30 - HVAC	MASTERSYSTEM	•	Yes	•	•	•	•																	
D3010	D3010 - ENERGY SUPPLY	SYSTEM	•	Yes	•	•	•	•																	
D3020	D3020 - HEAT GENERATING SYSTEMS	SYSTEM	•	Yes	•	•	•	•																	
D3020126	D3020126 - BOILER, ELECTRIC, HOT WATER	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020128	D3020128 - BOILER, ELECTRIC, STEAM	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020130	D3020130 - BOILER CAST IRON HOT WATER GAS	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020134	D3020134 - BOILER, CAST IRON, STEAM, GAS	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020136	D3020136 - BOILER, CAST IRON HT WTR GAS/OIL	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020138	D3020138 - BOILER, CAST IRON, STEAM GAS/OIL	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020311	D3020311 - BOILER FUEL OIL PUMP	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020901	D3020901 - BOILER, CAST IRON, HT WTR, OIL	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020902	D3020902 - BOILER, CAST IRON, STEAM, OIL	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020903	D3020903 - BOILER, SOLID FUEL	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020904	D3020904 - BOILER FEEDWATER TANK	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020905	D3020905 - FURNACE	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3020906	D3020906 - EXPANSION TANK	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030	D3030 - COOLING GENERATING SYSTEMS	SYSTEM	•	Yes	•	•	•	•																	
D3030120	D3030120 - CHILLER, SCROLL, AIR COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030125	D3030125 - CHILLER, SCROLL, WATER COOLED	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030130	D3030130 - CHILLER, RECIP, WATER COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030135	D3030135 - CHILLER, RECIP, AIR COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030140	D3030140 - CHILLER, CENTRIFUGAL, WTR COOLED	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030145	D3030145 - CHILLER, GAS ABSO, WTR COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030150	D3030150 - CHILLER, STEAM ABSO, WTR COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030160	D3030160 - CHILLER, SCREW, AIR COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030165	D3030165 - CHILLER, SCREW, WATER COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030221	D3030221 - CONDENSING UNIT, AIR COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030222	D3030222 - CONDENSING UNIT, WATER COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030223	D3030223 - SPLIT DUCTLESS HEAT PUMP , OUTDOOR UNIT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030223	D3030223 - SPLIT DUCTLESS UNIT, OUTDOOR UNIT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030224	D3030224 - SPLIT SYSTEM HEAT PUMP , OUTDOOR UNIT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030225	D3030225 - SPLIT DUCTLESS HEAT PUMP , OUTDOOR UNIT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030310	D3030310 - COOLING TOWER, GALVANIZED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030320	D3030320 - COOLING TOWER, FIBERGLASS	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030330	D3030330 - COOLING TOWER, STAINLESS STEEL	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030901	D3030901 - CONDENSER, DX, AIR COOLED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030902	D3030902 - CONDENSER, DX, EVAPORATIVE	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3030903	D3030903 - PACKAGED DX REFRIGERANT SYSTEM	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040	D3040 - DISTRIBUTION SYSTEMS	SYSTEM	•	Yes	•	•	A	A+																	
D3040106	D3040106 - AIR HANDLING UNIT, FIELD FAB	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040110	D3040110 - AIR HANDLING UNIT, CENTRAL STA	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040114	D3040114 - AIR HANDLING UNIT, ROOFTOP	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040118	D3040118 - FAN COIL A/C, CAB MNT, TWO PIPE	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040122	D3040122 - FAN COIL A/C, CAB MNT, FOUR PIPE	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040124	D3040124 - FAN COIL A/C, DUCT MOUNT, 2 PIPE	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

D3040128	D3040128 - FAN COIL A/C, DUCT MOUNT, 4 PIPE	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040132	D3040132 - VAV TERMINAL	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040136	D3040136 - VAV TERMINAL, FAN POWERED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040220	D3040220 - FAN SYSTEM, CENTRIFUGAL IN-LINE	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040230	D3040230 - FAN SYSTEM, UTILITY SET	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040240	D3040240 - FAN SYSTEM, ROOF EXHAUST	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040250	D3040250 - COMM/IND VACUUM DUST COLLECTION	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040260	D3040260 - KITCHEN EXHAUST/MAKE-UP AIR	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040312	D3040312 - CONDENSATE RETURN PUMP	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040313	D3040313 - CONDENSATE RETURN PUMP, DUPLEX	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040330	D3040330 - CIRCULATING PUMP, END SUCTION	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040340	D3040340 - CIRCULATING PUMP, DOUBLE SUCTION	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040610	D3040610 - HEAT EXCHANGER, PLATE TYPE	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040620	D3040620 - HEAT EXCHANGER, SHELL TUBE	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040901	D3040901 - DEHUMIDIFIER	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040902	D3040902 - HUMIDIFIER	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040903	D3040903 - FAN COIL A/C, DX	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040904	D3040904 - SPLIT DUCTLESS SYSTEM, INDOOR UNIT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3040905	D3040905 - SPLIT SYSTEM HEAT PUMP, INDOOR UNIT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050	**D3050 - TERMINAL & PACKAGE UNITS**	**SYSTEM**	●	Yes	●	●	●	●																	
D3050120	D3050120 - UNIT HEATERS, GAS	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050130	D3050130 - UNIT HEATERS, HYDRONIC	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050170	D3050170 - SPLIT SYSTEMS AIR COOLED CONDENSE UNIT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050175	D3050175 - ROOFTOP A/C	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050176	D3050176 - ROOFTOP AIR CONDITIONER, ELECTRIC HEAT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050178	D3050178 - ROOFTOP AIR CONDITIONER, HOT WATER HEAT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050179	D3050179 - ROOFTOP AIR CONDITIONER, STEAM HEAT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050185	D3050185 - COMPUTER ROOM COOLING UNITS	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050201	D3050201 - PKG A/C, AIR COOLED, ELEC HEAT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050203	D3050203 - PKG A/C, AIR COOLED, HW HEAT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050210	D3050210 - PKG A/C, WATER COOLED, ELEC HEAT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050220	D3050220 - PKG A/C, WATER COOLED, HW HEAT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050230	D3050230 - HEAT PUMP, WTR SOURCE, CENT STA	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050235	D3050235 - HEAT PUMP, WATER SOURCE, CONSOLE	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050240	D3050240 - HEAT PUMP, DUCT MNT, HORIZONTAL	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050245	D3050245 - HEAT PUMP, AIR/AIR, ROOF TOP	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050255	D3050255 - THRU-WALL A/C UNIT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050260	D3050260 - THRU-WALL HEAT PUMP	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050330	D3050330 - PACKAGE TERMINAL AIR CONDITIONER (PTAC)	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050340	D3050340 - PACKAGE TERMINAL HEAT PUMP (PTHP)	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050530	D3050530 - BASEBOARD HEATING	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050901	D3050901 - UNIT HEATERS, ELECTRIC	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050902	D3050902 - UNIT HEATER, INFRARED	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050904	D3050904 - SMOKE VENTS	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3050905	D3050905 - HYDRONIC HEATING - FIN TUBE	SUBSYSTEM	LF	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3060	**D3060 - CONTROLS & INSTRUMENTATION**	**SYSTEM**	●	Yes	●	●	●	●																	
D3060901	D3060901 - HVAC CONTROLS, ELECTRIC, DIGITAL	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3060902	D3060902 - HVAC CONTROLS, PNUEMATIC	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3060903	D3060903 - AIR COMPRESSOR	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3060904	D3060904 - AIR DRYER	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3060905	D3060905 - DIRECT DIGITAL CONTROL (DDC) SYSTEM	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3090	**D3090 - OTHER HVAC SYSTEMS & EQUIPMENT**	**SYSTEM**	●	Yes	●	●	●	●																	
D3090220	D3090220 - ENERGY RECOVERY WHEEL	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3090310	D3090310 - FUME HOOD EXHAUST SYSTEM	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3090320	D3090320 - GARAGE EXHAUST SYSTEMS	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3090901	D3090901 - INDUSTRIAL EXHAUST SYSTEM	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3090902	D3090902 - CHEMICAL FEEDWATER	SUBSYSTEM	EA	Yes	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D3090903	D3090903 - AIR CURTAIN	SUBSYSTEM	LF	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D40	**D40 - FIRE PROTECTION**	**MASTERSYSTEM**	●	Yes	●	●	●	●																	
D4010	**D4010 - SPRINKLERS**	**SYSTEM**	●	Yes	●	●	●	●																	
D4010310	D4010310 - DRY PIPE SYSTEMS	SUBSYSTEM	SF	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4010350	D4010350 - PREACTION SYSTEMS	SUBSYSTEM	SF	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4010370	D4010370 - DELUGE SYSTEMS	SUBSYSTEM	SF	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4010390	D4010390 - FIRECYCLE SYSTEMS	SUBSYSTEM	SF	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4010410	D4010410 - WET PIPE SYSTEMS	SUBSYSTEM	SF	Yes	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4010905	D4010905 - FIRE PUMP, ELECTRIC MOTOR DRIVEN	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4010906	D4010906 - FIRE PUMP, ENGINE DRIVIEN	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4010907	D4010907 - JOCKEY PUMP	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4010908	D4010908 - AIR COMPRESSOR	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4020	**D4020 - STANDPIPES**	**SYSTEM**	●	No	●	●	●	●																	
D4020310	D4020310 - RISER	SUBSYSTEM	FLOOR	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4030	**D4030 - FIRE PROTECTION SPECIALTIES**	**SYSTEM**	●	No	●	●	●	●																	
D4090	**D4090 - OTHER FIRE PROTECTION SYSTEMS**	**SYSTEM**	●	No	●	●	●	●																	
D4090901	D4090901 - CARBON DIOXIDE EXTINGUISHING SYS	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4090902	D4090902 - HOOD FIRE PROTECTION	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4090903	D4090903 - BACKFLOW PREVENTER	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4090904	D4090904 - FIRE PUMPS	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D4090920	D4090920 - CLEAN AGENT EXTINGUISHING SYSTEM	SUBSYSTEM	SF	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D50	**D50 - ELECTRICAL**	**MASTERSYSTEM**	●	Yes	●	●	●	●																	
D5010	**D5010 - ELECTRICAL SERVICE & DISTRIBUTION**	**SYSTEM**	●	Yes	●	●	●	●																	
D5010120	D5010120 - ELECTRICAL SERVICE	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5010240	D5010240 - SWITCHGEAR	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5010901	D5010901 - TRANSFER SWITCH	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5010902	D5010902 - TRANSFORMER	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5010903	D5010903 - MOTOR CONTROL CENTER	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5010905	D5010905 - CAPACITOR BANK	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5010906	D5010906 - PANELBOARDS	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5020	**D5020 - LIGHTING & BRANCH WIRING**	**SYSTEM**	●	Yes	●	●	●	●																	
D5020120	D5020120 - ELECTRICAL DISTRIBUTION	SUBSYSTEM	SF	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5020248	D5020248 - INTERIOR LIGHTING, FLUORECENT	SUBSYSTEM	EA	Yes	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5020250	D5020250 - INTERIOR LIGHTING, INCANDESCENT	SUBSYSTEM	EA	No	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5020252	D5020252 - INTERIOR LIGHTING, HIGH INT	SUBSYSTEM	EA	No	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5020901	D5020901 - EXIT LIGHTING	SUBSYSTEM	EA	Yes	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5020902	D5020902 - EXPLOSION PROOF LIGHTING	SUBSYSTEM	EA	No	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5020903	D5020903 - EXTERIOR LIGHTING	SUBSYSTEM	EA	Yes	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5030	**D5030 - COMMUNICATION AND SECURITY**	**SYSTEM**	●	Yes	●	●	●	●																	
D5030910	D5030910 - COMMUNICATION/ALARM SYSTEMS	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5030911	D5030911 - FIRE ALARM CONTROL PANEL & ALARM SYSTEM	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5030930	D5030930 - MASTER BOX	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D5090	**D5090 - OTHER ELECTRICAL SYSTEMS**	**SYSTEM**	●	Yes	●	●	●	●																	
D5090210	D5090210 - GENERATORS	SUBSYSTEM	EA	Yes	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5090901	D5090901 - EMERGENCY LIGHTING	SUBSYSTEM	EA	Yes	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5090902	D5090902 - LIGHTNING PROTECTION (ARRESTERS)	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5090903	D5090903 - GROUNDING SYSTEM	SUBSYSTEM	EA	Yes	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
D5090904	D5090904 - UNINTERUPTIBLE POWER SUPPLY	SUBSYSTEM	EA	Yes	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
E10	**E10 - EQUIPMENT**	**MASTERSYSTEM**	●	No	●	●	●	●																	
E1010	**E1010 - COMMERCIAL EQUIPMENT**	**SYSTEM**	●	No	●	●	●	●																	
E1010220	E1010220 - CONDENSING UNIT, AIR COOLED	SUBSYSTEM	EA	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E1010901	E1010901 - CONDENSER, DX, AIR COOLED	SUBSYSTEM	EA	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E1010910	E1010910 - REFRIGERATOR/FREEZER WALK-IN BOX	SUBSYSTEM	EA	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E1020	**E1020 - INSTITUTIONAL EQUIPMENT**	**SYSTEM**	●	No	●	●	●	●																	
E1030	**E1030 - VEHICULAR EQUIPMENT**	**SYSTEM**	●	No	●	●	●	●																	
E1030110	E1030110 - VEHICULAR SERVICE EQUIPMENT	SUBSYSTEM	EA	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E1030111	E1030111 - AIR COMPRESSOR	SUBSYSTEM	EA	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E1030112	E1030112 - AIR DRYER	SUBSYSTEM	EA	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E1030310	E1030310 - LOADING DOCK EQUIPMENT	SUBSYSTEM	EA	No	ARCHITECTURAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E1040	**E1040 - INDUSTRIAL PROCESS EQUIPMENT**	**SYSTEM**	●	No	●	●	●	●																	
E1090	**E1090 - OTHER EQUIPMENT**	**SYSTEM**	●	No	●	●	●	●																	
E20	**E20 - FURNISHINGS**	**MASTERSYSTEM**	●	Yes	●	●	●	●																	
E2010	**E2010 - FIXED FURNISHINGS**	**SYSTEM**	●	No	●	●	●	●																	
E2020	**E2020 - MOVEABLE FURNISHINGS**	**SYSTEM**	●	Yes	●	●	●	●																	
E202002	E202002 - MODULAR PREFABRICATED FURNITURE	SUBSYSTEM	EA	Yes	INTERIORS	200	C	-																	
F10	**F10 - SPECIAL CONSTRUCTION**	**MASTERSYSTEM**	●	No	●	●	●	●																	
F1010	**F1010 - SPECIAL STRUCTURES**	**SYSTEM**	●	No	●	●	●	●																	

F101001	F101001 - PRE-ENGINEERED STRUCTURES	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F101001.01	F101001.01 - K-SPAN BUILT STRUCTURES	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F101003	F101003 - AIR SUPPORTED STRUCTURES	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F101099.01	F101099.01 - PAINT BOOTH	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F101099.02	F101099.02 - PORTABLE OFFICE UNITS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F1020	**F1020 - INTEGRATED CONSTRUCTION**	**SYSTEM**	•	**No**	•	•	•	•																		
F102001	F102001 - SPECIAL PURPOSE ROOMS	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F102002	F102002 - INTEGRATED ASSEMBLIES	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F1030	**F1030 - SPECIAL CONSTRUCTION SYSTEMS**	**SYSTEM**	•	**No**	•	•	•	•																		
F103001	F103001 - VAULTS	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F103002	F103002 - SOUND VIBRATION AND SEISMIC CONSTRUCTION	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F103003	F103003 - RADIATION PROTECTION	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F1040	**F1040 - SPECIAL FACILITIES**	**SYSTEM**	•	**No**	•	•	•	•																		
F104001	F104001 - INTERIOR SWIMMING POOLS	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F104002	F104002 - LIQUID AND GAS STORAGE TANKS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F104003	F104003 - KENNELS AND ANIMAL SHELTERS	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F104004	F104004 - SITE CONSTRUCTED INCINERATORS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F104005	F104005 - ICE RINKS	SUBSYSTEM	SF	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F1050	**F1050 - SPECIAL CONTROLS AND INSTRUMENTATION**	**SYSTEM**	•	**No**	•	•	•	•																		
F105001	F105001 - RECORDING INSTRUMENTATION	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F105002	F105002 - BUILDING AUTOMATION SYSTEMS	SUBSYSTEM	EA	No	ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
F20	**F20 - SELECTIVE BUILDING DEMOLITION**	**MASTERSYSTEM**	•	**Yes**	•	•	•	•																		
F2010	**F2010 - BUILDING ELEMENTS DEMOLITION**	**SYSTEM**	•	**Yes**	•	•	•	•																		
F201001	F201001 - SUBSTRUCTURE AND SUPERSTRUCTURE	SUBSYSTEM	LS	No	STRUCTURAL	200	C	C+																		
F201002	F201002 - EXTERIOR ENCLOSURE	SUBSYSTEM	LS	Yes	ARCHITECTURAL	200	C	C+																		
F201003	F201003 - ROOFING	SUBSYSTEM	LS	Yes	ARCHITECTURAL	200	C	C+																		
F201004	F201004 - INTERIOR CONSTRUCTION AND FINISHES	SUBSYSTEM	LS	Yes	ARCHITECTURAL	200	C	C+																		
F201005	F201005 - CONVEYING SYSTEMS	SUBSYSTEM	LS	No	ARCHITECTURAL	200	C	C+																		
F201006	F201006 - MECHANICAL SYSTEMS	SUBSYSTEM	LS	Yes	MECHANICAL	200	C	C+																		
F201007	F201007 - ELECTRICAL SYSTEMS	SUBSYSTEM	LS	Yes	ELECTRICAL	200	C	C+																		
F201008	F201008 - EQUIPMENT AND FURNISHINGS	SUBSYSTEM	LS	Yes	ARCHITECTURAL, INTERIORS	200	C	C+																		
F2020	**F2020 - HAZARDOUS COMPONENTS & SUPERSTRUCTURE**	**SYSTEM**	•	**Yes**	•	•	•	•																		
F202001	F202001 - SUBSTRUCTURE AND SUPERSTUCUTRE	SUBSYSTEM	LS	No	STRUCTURAL	200	C	C+																		
F202002	F202002 - EXTERIOR ENCLOSURE	SUBSYSTEM	LS	No	ARCHITECTURAL	200	C	C+																		
F202003	F202003 - ROOFING	SUBSYSTEM	LS	No	ARCHITECTURAL	200	C	C+																		
F202004	F202004 - INTERIOR CONSTRUCTION AND FINISHES	SUBSYSTEM	LS	Yes	ARCHITECTURAL	200	C	C+																		
F202005	F202005 - CONVEYING SYSTEMS	SUBSYSTEM	LS	No	ARCHITECTURAL	200	C	C+																		
F202006	F202006 - MECHANICAL SYSTEMS	SUBSYSTEM	LS	No	MECHANICAL	200	C	C+																		
F202007	F202007 - ELECTRICAL SYSTEMS	SUBSYSTEM	LS	No	ELECTRICAL	200	C	C+																		
F202008	F202008 - EQUIPMENT AND FURNISHINGS	SUBSYSTEM	LS	No	ARCHITECTURAL, INTERIORS	200	C	C+																		
F30	**F30 - BUILDING SERVICES**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
F3010	**F3010 - JANITORIAL SERVICES**	**SYSTEM**	•	**No**	•	•	•	•																		
F301010	F301010 - JANITORIAL SERVICES	SUBSYSTEM	SF	No	N/A	-	-	-																		
G20	**G20 - SITE IMPROVEMENTS**	**MASTERSYSTEM**	•	**Yes**	•	•	•	•																		
G2010	**G2010 - PAVEMENTS**	**SYSTEM**	•	**Yes**	•	•	•	•																		
G201002.01	G201002.01 - CURBS AND GUTTERS	SUBSYSTEM	CY	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201002.02	G201002.02 - DRAINS	SUBSYSTEM	EA	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201003.01	G201003.01 - FLEXIBLE ASPHALT PAVEMENTS	SUBSYSTEM	SF	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201003.02	G201003.02 - RIGID CONCRETE PAVEMENTS	SUBSYSTEM	SF	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201004	G201004 - MARKINGS AND SIGNAGE	SUBSYSTEM	EA	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201005	G201005 - GUARDRAILS AND BARRIERS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201005.01	G201005.01 - VEHICLE CRASH BARRIER	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201005.02	G201005.02 - VEHICLE CRASH BEAM	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201005.03	G201005.03 - VEHICLE RETRACTABLE BOLLARDS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201005.04	G201005.04 - VEHICLE TRAFFIC ARM	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201005.05	G201005.05 - VEHICLE TRAFFIC SPIKES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201099.01	G201099.01 - COMPOSITE	SUBSYSTEM	SF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201099.02	G201099.02 - PAVERS	SUBSYSTEM	SF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G201099.03	G201099.03 - UNIMPROVED/GRAVEL	SUBSYSTEM	CY	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G2020	**G2020 - A PARKING LOT /PARKING AREA PAVEMENT**	**SYSTEM**	•	**Yes**	•	•	•	•																		
G202001	G202001 - PARKING LOT BASES AND SUBBASES	SUBSYSTEM	EA	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G202005.01	G202005.01 - GUARD RAIL AND POSTS	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G202005.02	G202005.02 - WHEEL STOPS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G2020061	G2020061 - ASHPALT RESURFACING	SUBSYSTEM	EA	No	CIVIL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G2020062	G2020062 - CONCRETE RESURFACING	SUBSYSTEM	EA	No	CIVIL	100	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G202007	G202007 - PARKING METERS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G2030	**G2030 - PEDESTRIAN PAVING**	**SYSTEM**	•	**Yes**	•	•	•	•																		
G203003.01	G203003.01 - ASPHALT PEDESTRIAN PAVING	SUBSYSTEM	SF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G203003.02	G203003.02 - CONCRETE PEDESTRIAN PAVING	SUBSYSTEM	SF	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G203003.03	G203003.03 - PAVERS PEDESTRIAN PAVING	SUBSYSTEM	SF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G2040	**G2040 - SITE IMPROVEMENTS & AMMENITIES**	**SYSTEM**	•	**Yes**	•	•	•	•																		
G204001.01	G204001.01 - FENCES AND GATES	SUBSYSTEM	LF	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204001.02	G204001.02 - FENCES - CHAIN LINK	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204001.03	G204001.03 - FENCES - MISCELLANEOUS METAL	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204002	G204002 - RETAINING WALLS	SUBSYSTEM	LF	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204005	G204005 - SIGNAGE	SUBSYSTEM	EA	Yes	CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204006.01	G204006.01 - FOUNTAINS, POOLS AND WATERCOURSES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204006.02	G204006.02 - FOUNTAINS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204008.01	G204008.01 - TERRACE AND PERIMETER WALLS	SUBSYSTEM	CY	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204008.02	G204008.02 - STONE WALL	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204008.03	G204008.03 - FREE STANDING BRICK WALL	SUBSYSTEM	SF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204009	G204009 - FLAG POLES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099	G204099 - TRUCK SCALES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.01	G204099.01 - SITE FURNISHINGS	SUBSYSTEM	EA	Yes	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.02	G204099.02 - SITE SEATING	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.03	G204099.03 - HANDRAIL - PIPE RAILINGS	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.04	G204099.04 - CIGARETTE RECEPTACLE	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.05	G204099.05 - GUARD RAILS AND POSTS	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.06	G204099.06 - TRASH CANS	SUBSYSTEM	EA	No	CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.07	G204099.07 - MAILBOXES	SUBSYSTEM	EA	No	CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.08	G204099.08 - TURNSTILES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G204099.09	G204099.09 - OUTDOOR COVERING	SUBSYSTEM	SF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G2050	**G2050 - LANDSCAPING**	**SYSTEM**	•	**Yes**	•	•	•	•																		
G205004	G205004 - LAWNS AND GRASSES	SUBSYSTEM	SF	Yes	LANDSCAPE ARCHITECTURE, CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G205005	G205005 - EXTERIOR PLANTS	SUBSYSTEM	EA	Yes	LANDSCAPE ARCHITECTURE, CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G205006	G205006 - PLANTERS	SUBSYSTEM	EA	No	LANDSCAPE ARCHITECTURE, CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G205007.01	G205007.01 - IRRIGATION PIPING	SUBSYSTEM	SF	No	LANDSCAPE ARCHITECTURE, CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G205007.02	G205007.02 - IRRIGATION BACKFLOW PREVENTION	SUBSYSTEM	EA	No	LANDSCAPE ARCHITECTURE, CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G205007.03	G205007.03 - IRRIGATION CONTROLS	SUBSYSTEM	EA	No	LANDSCAPE ARCHITECTURE, CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G205099	G205099 - LANDSCAPING	SUBSYSTEM	SF	Yes	LANDSCAPE ARCHITECTURE, CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G2060	**G2060 - A ROAD/ STREET PAVEMENT**	**SYSTEM**	•	**No**	•	•	•	•																		
G206001	G206001 - ROAD BASES AND SUBBASES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G2099	**G2099 - OTHER SITE IMPROVEMENTS**	**SYSTEM**	•	**No**	•	•	•	•																		
G90	**G90 - OTHER SITE CONSTRUCTION**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
G9010	**G9010 - SERVICE AND PEDESTRIAN TUNNELS**	**SYSTEM**	•	**No**	•	•	•	•																		
G901001.01	G901001.01 - SERVICE TUNNELS	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G901001.04	G901001.04 - INITIAL TUNNEL SUPPORT SYSTEMS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G901001.05	G901001.05 - BORING OR JACKING CONDUITS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G901001.06	G901001.06 - MICROTUNNELING	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G901001.07	G901001.07 - TRENCH BOXES	SUBSYSTEM	CY	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
G901001.08	G901001.08 - PEDESTRIAN TUNNELS	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				

G9090	G9090 - OTHER SITE SYSTEMS & EQUIPMENT	SYSTEM	•	No	•	•	•	•																		
G909001.01	G909001.01 - VEHICULAR BRIDGES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
G909001.02	G909001.02 - PREFABRICATED BRIDGES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
G909002	G909002 - RAILROAD TRACKS AND BEDS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
G909002.01	G909002.01 - RAILROAD TRACK	SUBSYSTEM	LF	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
G909002.02	G909002.02 - RAILROAD GRADE CROSSINGS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
G909002.03	G909002.03 - RAILROAD TRAIN SCALES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
G909003	G909003 - SNOW MELTING SYSTEMS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H10	H10 - WATERFRONT STRUCTURES	MASTERSYSTEM	•	No	•	•	•	•																		
H1010	H1010 - SUBSTRUCTURE	SYSTEM	•	No	•	•	•	•																		
H101004	H101004 - RELEVING PLATFORMS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H1020	H1020 - SUPERSTRUCTURE	SYSTEM	•	No	•	•	•	•																		
H1030	H1030 - DECK COMPONENTS	SYSTEM	•	No	•	•	•	•																		
H103009	H103009 - GUARD POSTS AND RAILINGS	SUBSYSTEM	LF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H103010	H103010 - PAINT STRIPING	SUBSYSTEM	LF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H1040	H1040 - FENDER SYSTEMS	SYSTEM	•	No	•	•	•	•																		
H104003	H104003 - CORNER FENDER SYSTEM	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H1050	H1050 - MOORING HARDWARE	SYSTEM	•	No	•	•	•	•																		
H1060	H1060 - APPURTENANCES	SYSTEM	•	No	•	•	•	•																		
H1099	H1099 - OTHER WATERFRONT STRUCTURES	SYSTEM	•	No	•	•	•	•																		
H20	H20 - GRAVING DRYDOCKS	MASTERSYSTEM	•	No	•	•	•	•																		
H2010	H2010 - DOCK BASIC STRUCTURE	SYSTEM	•	No	•	•	•	•																		
H201001	H201001 - DOCK BASIC STRUCTURE	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H201002	H201002 - DOCK FITTINGS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H201003	H201003 - DOCK MECHANICAL EQUIPMENT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H201004	H201004 - DOCK SERVICES	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H201005	H201005 - FIRE PROTECTION	SUBSYSTEM	EA	No	FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H2020	H2020 - PUMP HOUSE	SYSTEM	•	No	•	•	•	•																		
H202001	H202001 - PUMP HOUSE BASIC STRUCTURES	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H202002	H202002 - PUMP HOUSE ELECTRIC EQUIPMENT	SUBSYSTEM	EA	No	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H202003	H202003 - PUMP HOUSE MISC. SYSTEMS/EQUIPMENT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H2030	H2030 - CAISSON	SYSTEM	•	No	•	•	•	•																		
H203001	H203001 - CAISSON EXTERIOR STRUCTURE	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H203002	H203002 - CAISSON INTERIOR STRUCTURE - MACHINERY DECK	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H203003	H203003 - CAISSON INTERIOR STRUCTURE - BALLAST & TRIM TANKS	SUBSYSTEM	SF	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H203004	H203004 - CAISSON MECHANICAL EQUIPMENT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H203005	H203005 - CAISSON ELECTRICAL EQUIPMENT	SUBSYSTEM	EA	No	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H203006	H203006 - MISC. CAISSON SYSTEMS/EQUIPMENT	SUBSYSTEM	EA	No	MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H30	H30 - COASTAL PROTECTION	MASTERSYSTEM	•	No	•	•	•	•																		
H3010	H3010 - WAVE PROTECTION	SYSTEM	•	No	•	•	•	•																		
H301001	H301001 - WAVE PROTECTION ARMORS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H301002	H301002 - BREAKWATERS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H3020	H3020 - SLOPE PROTECTION	SYSTEM	•	No	•	•	•	•																		
H30200	H302003- COMBINED FILL REVETMENTS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H302001	H302001 - ROCK REVETMENTS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H302002	H302002 - GRANULAR FILL REVETMENTS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
H40	H40 - NAVIGATION DREDGING AND RECLAMATION	MASTERSYSTEM	•	No	•	•	•	•																		
H4010	H4010 - DREDGING	SYSTEM	•	No	•	•	•	•																		
H401010	H401010 - DREDGING COMPONENTS	SUBSYSTEM	EA	No	CIVIL, HYDROGRAPHIC	200	C	C+																		
H4020	H4020 - DREDGING DISPOSAL	SYSTEM	•	No	•	•	•	•																		
H402001	H402001 - OCEAN DISPOSAL	SUBSYSTEM	EA	No	CIVIL, HYDROGRAPHIC	200	C	C+																		
H402002	H402002 - NEW CONFINED DISPOSAL FACILITIES	SUBSYSTEM	EA	No	CIVIL, HYDROGRAPHIC	200	C	C+																		
H402003	H402003 - EXISTING CONFINED DISPOSAL FACILITIES	SUBSYSTEM	EA	No	CIVIL, HYDROGRAPHIC	200	C	C+																		
H4030	H4030 - RECLAMATION	SYSTEM	•	No	•	•	•	•																		
H403001	H403001 - RECLAMATION COMPONENTS	SUBSYSTEM	EA	No	CIVIL, HYDROGRAPHIC	200	C	C+																		
H60	H60 - WATERFRONT DEMOLITION	MASTERSYSTEM	•	No	•	•	•	•																		
H6010	H6010 - IN-WATER OR OVER-WATER DEMOLITION	SYSTEM	•	No	•	•	•	•																		
H601001	H601001 - COMPLETE WATERFRONT DEMOLITION	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	200	C	C+																		
H601002	H601002 - DEMOLITION OF COMPONENTS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	200	C	C+																		
H601003	H601003 - RELOCATION OF WATERFRONT UTILITIES	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	200	C	C+																		
H6020	H6020 - NON IN-WATER OR OVER-WATER DEMOLITION	SYSTEM	•	No	•	•	•	•																		
H602001	H602001 - COMPLETE WATERFRONT DEMOLITION	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	200	C	C+																		
H602002	H602002 - DEMOLITION OF COMPONENTS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	200	C	C+																		
H602003	H602003 - RELOCATION OF WATERFRONT AND UTILITIES	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	200	C	C+																		
H6030	H6030 - HAZARDOUS COMPONENTS	SYSTEM	•	No	•	•	•	•																		
H603001	H603001 - REMOVAL OF HAZARDOUS COMPONENTS	SUBSYSTEM	EA	No	CIVIL	200	C	C+																		
H603002	H603002 - ENCAPSULATION OF HAZARDOUS COMPONENTS	SUBSYSTEM	EA	No	CIVIL	200	C	C+																		
H70	H70 - WATERFRONT ANTI-TERRORIST FORCE PROTECTION	MASTERSYSTEM	•	No	•	•	•	•																		
H7010	H7010 - WATERSIDE ANTITERRORISM/FORCE PROTECTION	SYSTEM	•	No	•	•	•	•																		
H701001	H701001 - WATERSIDE AT/FP COMPONENTS	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL, HYDROGRAPHIC	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H7020	H7020 - LANDSIDE ANTITERRORISM/FORCE PROTECTION	SYSTEM	•	No	•	•	•	•																		
H702001	H702001 - LANDSIDE AT/FP COMPONENTS	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
I10	I10 - AIRFIELD SITE IMPROVEMENTS	MASTERSYSTEM	•	No	•	•	•	•																		
I1010	I1010 - AIRFIELD PAVEMENTS	SYSTEM	•	No	•	•	•	•																		
I101004	I101004 - RUNWAY OVERRUN SURFACE CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101005	I101005 - RUNWAY SHOULDER SURFACE ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101006	I101006 - RUNWAY SHOULDER SURFACE CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101007	I101007 - RUNWAY BASES AND SUBBASES (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101008	I101008 - RUNWAY MARKING	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101009	I101009 - RUNWAY RESURFACING ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101010	I101010 - RUNWAY RESURFACING CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101011	I101011 - RUNWAY SURFACE ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101012	I101012 - RUNWAY SURFACE CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I101013	I101013 - RUNWAY OVERRUNS	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I1020	I1020 - AIRFIELD PAVEMENT-TAXIWAY (BRANCH)	SYSTEM	•	No	•	•	•	•																		
I102001	I102001 - TAXIWAY SURFACE ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I102002	I102002 - TAXIWAY SURFACE CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I102003	I102003 - TAXIWAY SHOULDER SURFACE ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I102004	I102004 - TAXIWAY SHOULDER SURFACE CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I102005	I102005 - TAXIWAY BASES AND SUBBASES (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I102006	I102006 - TAXIWAY MARKING	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I102007	I102007 - TAXIWAY RESURFACING ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I102008	I102008 - TAXIWAYRESURFACING CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I1030	I1030 - AIRFIELD PAVEMENT-PARKING APRON (BRANCH)	SYSTEM	•	No	•	•	•	•																		
I103001	I103001 - PARKING APRON SURFACE ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I103002	I103002 - PARKING APRON CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I103003	I103003 - PARKING APRON BASES AND SUBBASES (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I103004	I103004 - PARKING APRON MARKING	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I103005	I103005 - PARKING APRON RESURFACING ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I103006	I103006 - PARKING APRON RESURFACING CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I1040	I1040 - AIRFIELD PAVEMENT- PAD & OTHER MISCELLANEOUS AIRFIELD PAVEMENTS (BRANCH)	SYSTEM	•	No	•	•	•	•																		
I1050	I1050 - AIRFIELD PAVEMENT-HELIPAD (BRANCH)	SYSTEM	•	No	•	•	•	•																		
I105001	I105001 - HELIPAD SURFACE ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I105002	I105002 - HELIPAD CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I105003	I105003 - HELIPAD BASES AND SUBBASES (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I105004	I105004 - HELIPAD MARKING	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I105005	I105005 - HELIPAD RESURFACING ASPHALT (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I105006	I105006 - HELIPAD RESURFACING CONCRETE (SECTION)	SUBSYSTEM	SF	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I20	I20 - AIRFIELD ELECTRICAL UTILITIES	MASTERSYSTEM	•	No	•	•	•	•																		
I2010	I2010 - AIRFIELD LIGHTING	SYSTEM	•	No	•	•	•	•																		
I201001	I201001 - AIRFIELD LIGHTING COMPONENTS	SUBSYSTEM	EA	No	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
I2020	I2020 - AIRFIELD LIGHTING VAULTS	SYSTEM	•	No	•	•	•	•																		
I202001	I202001 - AIRFIELD LIGHTING VAULT COMPONENTS	SUBSYSTEM	EA	No	ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
I2099	I2099 - OTHER AIRFIELD SITE IMPROVEMENTS	SYSTEM	•	No	•	•	•	•																		
I30	I30 - AIRFIELD SPECIAL CONSTRUCTION	MASTERSYSTEM	•	No	•	•	•	•																		
I3010	I3010 - AIRFIELD SPECIALTY SYSTEMS	SYSTEM	•	No	•	•	•	•																		
I301001	I301001 - AIRFIELD SPECIALTY SYSTEM COMPONENTS	SUBSYSTEM	EA	No	CIVIL, GEOTECHNICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
I40	I40 - AIRCRAFT ENGINE TEST CELLS	MASTERSYSTEM	•	No	•	•	•	•																		
I4010	I4010 - PRIMARY INTAKE	SYSTEM	•	No	•	•	•	•																		
I40100	I40100 - FIRE SYSTEM	SYSTEM	•	No	•	•	•	•																		
I40110	I40110 - DYNAMOMETER	SYSTEM	•	No	•	•	•	•																		
I40120	I40120 - TIE-DOWNS	SYSTEM	•	No	•	•	•	•																		
I40130	I40130 - CONTROL ROOM	SYSTEM	•	No	•	•	•	•																		
I40140	I40140 - JET BLAST DEFLECTOR	SYSTEM	•	No	•	•	•	•																		

I4020	**I4020 - SECONDARY INTAKE**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
I4030	**I4030 - EXHAUST STACK**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
I4040	**I4040 - AUGMENTER**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
I4050	**I4050 - RUN ROOM**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
I4060	**I4060 - FLOOR**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
I4070	**I4070 - DOORS AND WINDOWS**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
I4080	**I4080 - FUEL SYSTEM/PRESERVATION OIL**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
I4090	**I4090 - START SYSTEM**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
I4090100	I4090100 - AIR START	SUBSYSTEM	EA	No	SPECIALTY CONSULTANTS	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
I4090110	I4090110 - HYDRAULIC START	SUBSYSTEM	EA	No	SPECIALTY CONSULTANTS	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
I4090120	I4090120 - ELECTRIC START	SUBSYSTEM	EA	No	SPECIALTY CONSULTANTS	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
I40999	**I40999 - OTHER AIRCRAFT ENGINE TEST CELLS**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
J10	**J10 - Electric Utilities**	**MASTERSYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
J1010	**J1010 - Production**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
J1010110	J1010110 - UG Structures	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010120	J1010120 - Support Structures	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010130	J1010130 - Switch Stations	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010140	J1010140 - Sub Stations	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010150	J1010150 - Circuits	SUBSYSTEM	LF	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010155	J1010155 - Plant Electrical	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010160	J1010160 - Power Generation	SUBSYSTEM	KW	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010170	J1010170 - Plant Controls	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010175	J1010175 - Cooling System	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010180	J1010180 - Fuel System	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010185	J1010185 - Compressed Air	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1010190	J1010190 - Power Conversion	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1020	**J1020 - Transmission**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
J1020110	J1020110 - UG Structures	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1020120	J1020120 - Support Structures	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1020130	J1020130 - Switch Stations	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1020140	J1020140 - Sub Stations	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1020150	J1020150 - Circuits	SUBSYSTEM	LF	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1030	**J1030 - Distribution**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
J1030110	J1030110 - UG Structures	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1030120	J1030120 - Support Structures	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1030130	J1030130 - Switch Stations	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1030140	J1030140 - Sub Stations	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
J1030150	J1030150 - Circuits	SUBSYSTEM	LF	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K10	**K10 - Potable Water Utilities**	**MASTERSYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K1010	**K1010 - Production**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K1010110	K1010110 - Wells	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010120	K1010120 - Raw Water Service Area	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010130	K1010130 - Raw Water Pumping	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010140	K1010140 - Finished Water Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010150	K1010150 - Preliminary Treatment	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010160	K1010160 - Coagulation Flocculation	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010170	K1010170 - Sedimentation	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010180	K1010180 - Adsorption	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010190	K1010190 - Filtration	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010200	K1010200 - Chemical Treatment	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010210	K1010210 - Finished Water Pumping	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010220	K1010220 - Disinfection	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010230	K1010230 - Solids Handling	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010250	K1010250 - Plant Electrical	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010260	K1010260 - Plant Water	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010280	K1010280 - Plant Controls	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010290	K1010290 - Plant Compressed Air	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1010300	K1010300 - Raw Water Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1020	**K1020 - Distribution**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K1020100	K1020100 - Service Areas	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1020110	K1020110 - Pump Stations	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K1020120	K1020120 - Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K20	**K20 - Non-Potable Water Utilities**	**MASTERSYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K2010	**K2010 - Production**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K2010110	K2010110 - Wells	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2010120	K2010120 - Water Supply Service Area	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2010130	K2010130 - Pump Stations	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2010140	K2010140 - Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2010150	K2010150 - Plant Compressed Air	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2010160	K2010160 - Plant Controls	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2010180	K2010180 - Plant Electrical	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2020	**K2020 - Distribution**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K2020100	K2020100 - Service Areas	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2020110	K2020110 - Pump Stations	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K2020120	K2020120 - Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K30	**K30 - Fire Protection Water Utilities**	**MASTERSYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K3010	**K3010 - Production**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K3010110	K3010110 - Wells	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3010120	K3010120 - Water Supply Service Area	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3010130	K3010130 - Pump Stations	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3010140	K3010140 - Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3010150	K3010150 - Plant Compressed Air	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3010160	K3010160 - Plant Controls	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3010180	K3010180 - Plant Electrical	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3020	**K3020 - Distribution**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K3020100	K3020100 - Service Areas	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3020110	K3020110 - Pump Stations	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K3020120	K3020120 - Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K40	**K40 - Salt Water Utilities**	**MASTERSYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K4010	**K4010 - Production**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K4010110	K4010110 - Wells	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4010120	K4010120 - Water Supply Service Area	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4010130	K4010130 - Pump Stations	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4010140	K4010140 - Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4010150	K4010150 - Plant Compressed Air	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4010160	K4010160 - Plant Controls	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4010180	K4010180 - Plant Electrical	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4020	**K4020 - Distribution**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
K4020100	K4020100 - Service Areas	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4020110	K4020110 - Pump Stations	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K4020120	K4020120 - Storage	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L10	**L10 - Steam Utilities**	**MASTERSYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
L1010	**L1010 - Production**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
L1010100	L1010100 - Plant Electrical	SUBSYSTEM	EA	No	CIVIL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010110	L1010110 - Plant Water	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010120	L1010120 - Plant Steam	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010135	L1010135 - Plant Controls	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010140	L1010140 - Make-up Water	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010150	L1010150 - Boiler Feedwater	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010160	L1010160 - Boilers	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010170	L1010170 - Chemical Feed	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010180	L1010180 - Compressed Air	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010190	L1010190 - Condensate and Blowdown	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010200	L1010200 - Fuel System	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010220	L1010220 - UG Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1010230	L1010230 - Support Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1020	**L1020 - Distribution**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
L1020100	L1020100 - Service Area	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1020140	L1020140 - UG Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1020150	L1020150 - Support Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1030	**L1030 - Return**	**SYSTEM**	**●**	**No**	**●**	**●**	**●**	**●**																	
L1030100	L1030100 - Service Area	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1030110	L1030110 - Pump Station	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1030120	L1030120 - UG Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L1030130	L1030130 - Support Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

L20	**L20 - High Temp Hot Water Utilities**	**MASTERSYSTEM**	●	No	●	●	●	●																		
L2010	**L2010 - Production**	**SYSTEM**	●	No	●	●	●	●																		
L2010100	L2010100 - Plant Electrical	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010110	L2010110 - Plant Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010120	L2010120 - Plant High Temp Hot Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010135	L2010135 - Plant Controls	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010140	L2010140 - Make-up Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010150	L2010150 - Boiler Feedwater	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010160	L2010160 - Boilers	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010170	L2010170 - Chemical Feed	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010180	L2010180 - Compressed Air	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010190	L2010190 - Condensate and Blowdown	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2010200	L2010200 - Fuel System	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2020	**L2020 - Distribution**	**SYSTEM**	●	No	●	●	●	●																		
L2020100	L2020100 - Service Area	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2020110	L2020110 - Pump Station	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2020140	L2020140 - UG Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2020150	L2020150 - Support Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2030	**L2030 - Return**	**SYSTEM**	●	No	●	●	●	●																		
L2030100	L2030100 - Service Area	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2030110	L2030110 - Pump Station	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2030120	L2030120 - UG Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L2030130	L2030130 - Support Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L30	**L30 - Domestic Hot Water Utilities**	**MASTERSYSTEM**	●	No	●	●	●	●																		
L3010	**L3010 - Production**	**SYSTEM**	●	No	●	●	●	●																		
L3010100	L3010100 - Plant Electrical	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010110	L3010110 - Plant Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010120	L3010120 - Plant Domestic Hot Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010135	L3010135 - Plant Controls	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010140	L3010140 - Make-up Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010150	L3010150 - Boiler Feedwater	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010160	L3010160 - Boilers	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010170	L3010170 - Chemical Feed	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010180	L3010180 - Compressed Air	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010190	L3010190 - Condensate and Blowdown	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3010200	L3010200 - Fuel System	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3020	**L3020 - Distribution**	**SYSTEM**	●	No	●	●	●	●																		
L3020100	L3020100 - Service Area	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3020110	L3020110 - Pump Station	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3020140	L3020140 - UG Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3020150	L3020150 - Support Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3030	**L3030 - Return**	**SYSTEM**	●	No	●	●	●	●																		
L3030100	L3030100 - Service Area	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3030110	L3030110 - Pump Station	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3030120	L3030120 - UG Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L3030130	L3030130 - Support Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L40	**L40 - Chilled Water Utilities**	**MASTERSYSTEM**	●	No	●	●	●	●																		
L4010	**L4010 - Production**	**SYSTEM**	●	No	●	●	●	●																		
L4010100	L4010100 - Plant Electrical	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010110	L4010110 - Plant Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010120	L4010120 - Plant Chilled Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010135	L4010135 - Plant Controls	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010140	L4010140 - Make-up Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010150	L4010150 - Chiller Feedwater	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010160	L4010160 - Chiller	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010170	L4010170 - Chemical Feed	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010180	L4010180 - Compressed Air	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010190	L4010190 - Condenser	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4010200	L4010200 - Fuel System	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4020	**L4020 - Distribution**	**SYSTEM**	●	No	●	●	●	●																		
L4020100	L4020100 - Service Area	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4020110	L4020110 - Pump Station	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4020140	L4020140 - UG Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4020150	L4020150 - Support Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4030	**L4030 - Return**	**SYSTEM**	●	No	●	●	●	●																		
L4030100	L4030100 - Service Area	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4030110	L4030110 - Pump Station	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4030120	L4030120 - UG Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L4030130	L4030130 - Support Structures	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M10	**M10 - Sanitary Sewer Utilities**	**MASTERSYSTEM**	●	No	●	●	●	●																		
M1010	**M1010 - Production**	**SYSTEM**	●	No	●	●	●	●																		
M1010100	M1010100 - Pump Stations	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010110	M1010110 - Equalization	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010120	M1010120 - Preliminary Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010130	M1010130 - Primary Clarification	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010140	M1010140 - Holding Tanks	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010150	M1010150 - Biological Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010160	M1010160 - Chemical Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010170	M1010170 - Secondary Clarification	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010180	M1010180 - Filtration	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010190	M1010190 - Disinfection	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010200	M1010200 - Sludge Dewatering	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010210	M1010210 - Sludge Disposal	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010220	M1010220 - Sludge Digestion	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010240	M1010240 - Plant Electrical	SUBSYSTEM	EA	**No**	CIVIL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010250	M1010250 - Plant Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010270	M1010270 - Plant Controls	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1010280	M1010280 - Plant Compressed Air	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1020	**M1020 - Distribution**	**SYSTEM**	●	No	●	●	●	●																		
M1020100	M1020100 - Service Area	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1020110	M1020110 - Storage	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M1020120	M1020120 - Pump Stations	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M20	**M20 - Industrial Wastewater Utilities**	**MASTERSYSTEM**	●	No	●	●	●	●																		
M2010	**M2010 - Production**	**SYSTEM**	●	No	●	●	●	●																		
M2010100	M2010100 - Pump Stations	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010110	M2010110 - Equalization	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010120	M2010120 - Preliminary Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010130	M2010130 - Primary Clarification	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010140	M2010140 - Holding Tanks	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010150	M2010150 - Biological Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010160	M2010160 - Chemical Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010170	M2010170 - Secondary Clarification	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010180	M2010180 - Filtration	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010190	M2010190 - Disinfection	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010200	M2010200 - Sludge Dewatering	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010210	M2010210 - Sludge Disposal	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010220	M2010220 - Sludge Digestion	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010240	M2010240 - Plant Electrical	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010250	M2010250 - Plant Water	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010270	M2010270 - Plant Controls	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2010280	M2010280 - Plant Compressed Air	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2020	**M2020 - Distribution**	**SYSTEM**	●	No	●	●	●	●																		
M2020100	M2020100 - Service Area	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M2020120	M2020120 - Pump Stations	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M30	**M30 - Oily Wastewater Utilities**	**MASTERSYSTEM**	●	No	●	●	●	●																		
M3010	**M3010 - Production**	**SYSTEM**	●	No	●	●	●	●																		
M3010100	M3010100 - Pump Stations	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010110	M3010110 - Equalization	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010120	M3010120 - Preliminary Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010130	M3010130 - Primary Clarification	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010140	M3010140 - Holding Tanks	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010150	M3010150 - Biological Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010160	M3010160 - Chemical Treatment	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010170	M3010170 - Secondary Clarification	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010180	M3010180 - Filtration	SUBSYSTEM	EA	**No**	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

M3010190	M3010190 - Disinfection	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010200	M3010200 - Sludge Dewatering	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010210	M3010210 - Sludge Disposal	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010220	M3010220 - Sludge Digestion	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010240	M3010240 - Plant Electrical	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010250	M3010250 - Plant Water	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010270	M3010270 - Plant Controls	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3010280	M3010280 - Plant Compressed Air	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3020	**M3020 - Distribution**	**SYSTEM**	•	**No**	•	•	•	•																		
M3020100	M3020100 - Service Area	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3020110	M3020110 - Storage	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M3020120	M3020120 - Pump Stations	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M40	**M40 - Storm Water Utilities**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
M4010	**M4010 - Production**	**SYSTEM**	•	**No**	•	•	•	•																		
M4010100	M4010100 - Pump Stations	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M4010110	M4010110 - Storage	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M4010120	M4010120 - Plant Controls	SUBSYSTEM	EA	No	CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M4020	**M4020 - Distribution**	**SYSTEM**	•	**No**	•	•	•	•																		
M4020100	M4020100 - Service Area	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M4020110	M4020110 - Storage	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M4020120	M4020120 - Pump Stations	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N10	**N10 - Natural Gas Utilities**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
N1010	**N1010 - Production**	**SYSTEM**	•	**No**	•	•	•	•																		
N1010100	N1010100 - Plant Electric	SUBSYSTEM	EA	No	CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N1010110	N1010110 - Plant Water	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N1010130	N1010130 - Compressed Air	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N1010140	N1010140 - Compressed Gas	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N1010150	N1010150 - Plant Controls	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N1020	**N1020 - Distribution**	**SYSTEM**	•	**No**	•	•	•	•																		
N1020100	N1020100 - Service Area	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N1020110	N1020110 - Storage	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N1020120	N1020120 - Pump Stations	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N20	**N20 - Propane Utilities**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
N2010	**N2010 - Production**	**SYSTEM**	•	**No**	•	•	•	•																		
N2010100	N2010100 - Plant Electric	SUBSYSTEM	EA	No	CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N2010110	N2010110 - Plant Water	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N2010130	N2010130 - Compressed Air	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N2010140	N2010140 - Compressed Gas	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N2010150	N2010150 - Plant Controls	SUBSYSTEM	EA	No	CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N2020	**N2020 - Distribution**	**SYSTEM**	•	**No**	•	•	•	•																		
N2020100	N2020100 - Service Area	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N2020110	N2020110 - Storage	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N2020120	N2020120 - Pump Stations	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P10	**P10 - Compressed Air Utilities**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
P1010	**P1010 - Production**	**SYSTEM**	•	**No**	•	•	•	•																		
P1010100	P1010100 - Plant Electric	SUBSYSTEM	EA	No	CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P1010110	P1010110 - Plant Water	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P1010130	P1010130 - Compressed Air	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P1010140	P1010140 - Compressed Gas	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P1010150	P1010150 - Plant Controls	SUBSYSTEM	EA	No	CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P1020	**P1020 - Distribution**	**SYSTEM**	•	**No**	•																					
P1020100	P1020100 - Service Area	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P1020110	P1020110 - Storage	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P1020120	P1020120 - Pump Stations	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Q10	**Q10 - Multiple Commodity Utilities**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
Q1020	Q1020 - Distribution	SYSTEM	•	No	•	•	•	•																		
Q1020100	Q1020100 - Surface Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Q1020110	Q1020110 - UG Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Q1020120	Q1020120 - Support Structures	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R11	**R11 - LIQUID FUEL STORAGE - BULK**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
R1110	**R1110 - SHIP FUEL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R111099	R111099 - SHIP FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1120	**R1120 - AVIATION GASOLINE STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R112099	R112099 - AVIATION GASOLINE STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1130	**R1130 - DIESEL FUEL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R113099	R113099 - DIESEL FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1140	**R1140 - MOTOR GASOLINE STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R114099	R114099 - MOTOR GASOLINE STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1150	**R1150 - JET ENGINE FUEL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R115099	R115099 - JET ENGINE FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1160	**R1160 - LIQUEFIED PETROLEUM FUEL GAS STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R116099	R116099 - LIQUEFIED PETROLEUM FUEL GAS STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1170	**R1170 - VAPOR COLLECTION / RECOVERY SYSTEM**	**SYSTEM**	•	**No**	•	•	•	•																		
R117099	R117099 - VAPOR COLLECTION / RECOVERY SYSTEM COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1182	**R1182 - CONTAMINATED FUEL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R118299	R118299 - CONTAMINATED FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1184	**R1184 - BULK (DEPOT) HEATING FUEL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R118499	R118499 - BULK (DEPOT) HEATING FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R1199	**R1199 - OTHER LIQUID FUEL STORAGE - BULK**	**SYSTEM**	•	**No**		•	•	•																		
R12	**R12 - LIQUID STORAGE OTHER THAN WATER, FUEL, AND PROPELLANTS**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
R1215	**R1215 - ROAD OIL STORAGE**	SYSTEM	•	No	•	•	•	•																		
R121599	R121599 - ROAD OIL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
R1225	**R1225 - LUBRICANT STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R122599	R122599 - LUBRICANT STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
R1235	**R1235 - BALLAST AND SLUDGE STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R123599	R123599 - BALLAST AND SLUDGE STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
R1240	**R1240 - ORGANIC OIL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R124099	R124099 - ORGANIC OIL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
R1245	**R1245 - MISCELLANEOUS LIQUID STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R124599	R124599 - MISCELLANEOUS LIQUID STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
R1250	**R1250 - INDUSTRIAL / POL WASTE STORAGE FACILITY**	**SYSTEM**	•	**No**	•	•	•	•																		
R125099	R125099 - INDUSTRIAL / POL WASTE STORAGE FACILITY COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
R1299	**R1299 - OTHER LIQUID STORAGE OTHER THAN WATER, FUEL, AND PROPELLANTS**	**SYSTEM**	•	**No**	•	•	•	•																		
R21	**R21 - AVIATION FUEL FACILITIES**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
R2110	**R2110 - AIRCRAFT DIRECT FUELING STATION**	**SYSTEM**	•	**No**	•	•	•	•																		
R211099	R211099 - AIRCRAFT DIRECT FUELING STATION COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R2120	**R2120 - AIRCRAFT TRUCK FUELING FACILITY**	**SYSTEM**	•	**No**	•	•	•	•																		
R212099	R212099 - AIRCRAFT TRUCK FUELING FACILITY COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R2130	**R2130 - AIRCRAFT DEFUELING FACILITY**	**SYSTEM**	•	**No**	•	•	•	•																		
R213099	R213099 - AIRCRAFT DEFUELING FACILITY COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R2150	**R2150 - AIRCRAFT READY FUELS STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R215099	R215099 - AIRCRAFT READY FUELS STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R2199	**R2199 - OTHER AVIATION FUEL FACILITIES**	**SYSTEM**	•	**No**	•	•	•	•																		
R22	**R22 - MARINE FUEL FACILITIES**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
R2210	**R2210 - MARINE FUELING FACILITY**	**SYSTEM**	•	**No**	•	•	•	•																		
R221099	R221099 - MARINE FUELING FACILITY COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R2220	**R2220 - SMALL CRAFT FUELING STATION**	**SYSTEM**	•	**No**	•	•	•	•																		
R222099	R222099 - SMALL CRAFT FUELING STATION COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R2230	**R2230 - SMALL CRAFT READY FUEL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R223099	R223099 - SMALL CRAFT READY FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
R2299	**R2299 - OTHER MARINE FUEL FACILITIES**	**SYSTEM**	•	**No**	•	•	•	•																		
R23	**R23 - GROUND BASED VEHICLE AND EQUIPMENT FUEL FACILITIES**	**MASTERSYSTEM**	•	**No**	•	•	•	•																		
R2310	**R2310 - FILLING STATION**	**SYSTEM**	•	**No**	•	•	•	•																		
R231099	R231099 - FILLING STATION COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2315	**R2315 - FILLING STATION BUILDING**	**SYSTEM**	•	**No**	•	•	•	•																		
R231599	R231599 - FILLING STATION BUILDING COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2316	**R2316 - OVERHEAD COVER, AIRFIELD**	**SYSTEM**	•	**No**	•	•	•	•																		
R231699	R231699 - OVERHEAD COVER, AIRFIELD COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2317	**R2317 - OVERHEAD COVER, MISCELLANEOUS**	**SYSTEM**	•	**No**	•	•	•	•																		
R231799	R231799 - OVERHEAD COVER, MISCELLANEOUS COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2320	**R2320 - FILLING STATION SHELTER**	**SYSTEM**	•	**No**	•	•	•	•																		
R232099	R232099 - FILLING STATION SHELTER COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2323	**R2323 - VEHICLE AND EQUIPMENT READY FUEL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		
R232399	R232399 - VEHICLE AND EQUIPMENT READY FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2340	**R2340 - ETHANOL READY FUEL STORAGE**	**SYSTEM**	•	**No**	•	•	•	•																		

R234099	R234099 - ETHANOL READY FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2350	R2350 - BIODIESEL READY FUEL STORAGE	SYSTEM	•	No	•	•	•	•																		
R235098	R235098 - POL PIPELINE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R235099	R235099 - BIODIESEL READY FUEL STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2399	R2399 - OTHER GROUND BASED VEHICLE AND EQUIPMENT FUEL FACILITIES	SYSTEM	•	No	•	•	•	•																		
R25	R25 - POL DISTRIBUTION / PIPELINE FACILITIES	MASTERSYSTEM	•	No	•	•	•	•																		
R2510	R2510 - POL PIPELINE	SYSTEM	•	No	•	•	•	•																		
R251099	R251099 - POL PIPELINE COMPONENT	SUBSYSTEM	LF	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2516	R2516 - POL PIPELINE PUMP STATION AND ANCILLARY EQUIP	SYSTEM	•	No	•	•	•	•																		
R251699	R251699 - POL PIPELINE PUMP STATION AND ANCILLARY EQUIP COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2520	R2520 - POL PIPELINE PUMP STATION BUILDING AND ANCILLARY EQUIP	SYSTEM	•	No	•	•	•	•																		
R252099	R252099 - POL PIPELINE PUMP STATION BUILDING AND ANCILLARY EQUIP COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2530	R2530 - SURGE STORAGE	SYSTEM	•	No	•	•	•	•																		
R253099	R253099 - SURGE STORAGE COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2599	R2599 - OTHER POL DISTRIBUTION / PIPELINE FACILITIES	SYSTEM	•	No	•	•	•	•																		
R26	R26 - OTHER LIQUID PETROLEUM PRODUCTS FACILITIES	MASTERSYSTEM	•	No	•	•	•	•																		
R2610	R2610 - DRUM AND CAN LOADING FACILITY	SYSTEM	•	No	•	•	•	•																		
R261099	R261099 - DRUM AND CAN LOADING FACILITY COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2615	R2615 - PETROLEUM READY FUEL STORAGE FACILITY	SYSTEM	•	No	•	•	•	•																		
R261599	R261599 - PETROLEUM READY FUEL STORAGE FACILITY COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2630	R2630 - TANK TRUCK OR TANK CAR LOADING FACILITY	SYSTEM	•	No	•	•	•	•																		
R263099	R263099 - TANK TRUCK OR TANK CAR LOADING FACILITY COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2640	R2640 - TANK TRUCK OR TANK CAR UNLOADING FACILITY	SYSTEM	•	No	•	•	•	•																		
R264099	R264099 - TANK TRUCK OR TANK CAR UNLOADING FACILITY COMPONENT	SUBSYSTEM	EA	No	CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
R2699	R2699 - OTHER LIQUID PETROLEUM PRODUCTS FACILITIES	SYSTEM	•	No	•	•	•	•																		
S10	S10 - SPECIALIZED AND FLEET MOORINGS	MASTERSYSTEM	•	No	•	•	•	•																		
S1010	S1010 - SPREAD MOORING	SYSTEM	•	No	•	•	•	•																		
S101001	S101001 - RISER TYPE	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S101002	S101002 - RISER-LEG	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S1020	S1020 - BUOY DOLPHIN	SYSTEM	•	No	•	•	•	•																		
S102001	S102001 - RISER TYPE	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S102002	S102002 - RISER-LEG	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S1030	S1030 - MED-MOOR	SYSTEM	•	No	•	•	•	•																		
S103001	S103001 - RISER TYPE	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S103002	S103002 - RISER-LEG	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S1040	S1040 - BOW-STERN MOORING	SYSTEM	•	No	•	•	•	•																		
S104001	S104001 - RISER TYPE	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S104002	S104002 - RISER-LEG	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S1050	S1050 - SINGLE POINT MOORING	SYSTEM	•	No	•	•	•	•																		
S105001	S105001 - RISER TYPE	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S105002	S105002 - RISER-LEG	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
S1099	S1099 - OTHER SPECIALIZED AND FLEET MOORINGS	SYSTEM	•	No	•	•	•	•																		
U20	U20 - ASHORE HYPERBARIC & DIVING FACILITIES	MASTERSYSTEM	•	No	•	•	•	•																		
U2010	U2010 - HYPERBARIC & DIVING AIR COMPRESSION	SYSTEM	•	No	•	•	•	•																		
U201001	U201001 - HYPERBARIC & DIVING AIR COMPRESSORS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2020	U2020 - HYPERBARIC & DIVING AIR STORAGE	SYSTEM	•	No	•	•	•	•																		
U202001	U202001 - HYPERBARIC & DIVING HIGH PRESSURE AIR FLASKS	SUBSYSTEM	CF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U202002	U202002 - HYPERBARIC & DIVING MEDIUM PRESSURE AIR STORAGE TANKS	SUBSYSTEM	CF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2030	U2030 - HYPERBARIC& DIVING GAS STORAGE	SYSTEM	•	No	•	•	•	•																		
U203001	U203001 - HYPERBARIC & DIVING HIGH PRESSURE OXYGEN FLASKS	SUBSYSTEM	CF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U203002	U203002 - HYPERBARIC & DIVING HIGH PRESSURE HELIUM FLASKS	SUBSYSTEM	CF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U203003	U203003 - HYPERBARIC & DIVING HIGH PRESSURE NITROGEN FLASKS	SUBSYSTEM	CF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U203004	U203004 - HYPERBARIC & DIVING HIGH PRESSURE MIXED GAS FLASKS	SUBSYSTEM	CF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2040	U2040 - HYPERBARIC & DIVING PIPING	SYSTEM	•	No	•	•	•	•																		
U204001	U204001 - HYPERBARIC & DIVING HIGH PRESSURE AIR PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204002	U204002 - HYPERBARIC & DIVING LOW PRESSURE AIR PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204003	U204003 - HYPERBARIC & DIVING AIR LP VOLUME TANKS	SUBSYSTEM	CF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204004	U204004 - HYPERBARIC & DIVING SURFACE SUPPLIED DIVING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204005	U204005 - HYPERBARIC & DIVING HIGH PRESSURE OXYGEN PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204006	U204006 - HYPERBARIC & DIVING LOW PRESSURE OXYGEN PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204007	U204007 - HYPERBARIC & DIVING HIGH PRESSURE HELIUM PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204008	U204008 - HYPERBARIC & DIVING LOW PRESSURE HELIUM PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204009	U204009 - HYPERBARIC & DIVING HIGH PRESSURE NITROGEN PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204010	U204010 - HYPERBARIC & DIVING LOW PRESSURE NITROGEN PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204011	U204011 - HYPERBARIC & DIVING HIGH PRESSURE MIXED GAS PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U204012	U204012 - HYPERBARIC & DIVING LOW PRESSURE MIXED GAS PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2050	U2050 - RECOMPRESSION CHAMBER	SYSTEM	•	No	•	•	•	•																		
U205001	U205001 - RECOMPRESSION CHAMBER HULLS	SUBSYSTEM	SF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U205002	U205002 - RECOMPRESSION CHAMBER AIR PRESS. SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U205003	U205003 - RECOMPRESSION CHAMBER BUILT IN BREATHING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U205004	U205004 - RECOMPRESSION CHAMBER FIRE EXTING. SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U205005	U205005 - RECOMPRESSION CHAMBER ATM. CONDITIONING SYSTEM	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U205006	U205006 - RECOMPRESSION CHAMBER COMMUNICATION SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U205007	U205007 - RECOMPRESSION CHAMBER ELEC. SUPPORT SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U205008	U205008 - RECOMPRESSION CHAMBER LIGHTING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U205009	U205009 - RECOMPRESSION CHAMBER AT. MONITORING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2060	U2060 - LOCK OUT TRAINER	SYSTEM	•	No	•	•	•	•																		
U206001	U206001 - LOCK OUT TRAINER HULLS	SUBSYSTEM	SF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U206002	U206002 - LOCK OUT TRAINER AIR PRESSURIZATION SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U206003	U206003 - LOCK OUT TRAINER BUILT IN BREATHING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U206004	U206004 - LOCK OUT TRAINER COMMUNICATIONS SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U206005	U206005 - LOCK OUT TRAINER ELECTRICAL SUPPORT SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U206006	U206006 - LOCK OUT TRAINER LIGHTING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U206007	U206007 - DIVERS MONITORING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2070	U2070 - DIVING SIMULLATION FACILITY	SYSTEM	•	No	•	•	•	•																		
U207001	U207001 - DSF HULLS	SUBSYSTEM	SF	No	STRUCTURAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207002	U207002 - DSF AIR PRESSURIZATION SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207003	U207003 - DSF BUILT IN BREATHING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207004	U207004 - DSF DIVERS BREATHING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207005	U207005 - DSF FIRE EXTINGUISHING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, FIRE PROTECTION	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207006	U207006 - DSF WETPOT FILL & DRAING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207007	U207007 - DSF COMMUNICATIONS SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207008	U207008 - DSF ATM. MONITORING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207009	U207009 - DSF ATM. CONDITIONING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207010	U207010 - DSF DIVERS MONITORING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207011	U207011 - DSF LIGHTING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207012	U207012 - DSF ELECTRICAL SUPPORT SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207013	U207013 - DSF SUPERVISORY CONTROL SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U207014	U207014 - DSF EMERGENCY BREATHING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2080	U2080 - HYPERBARIC & DIVING CHARGING SYSTEMS	SYSTEM	•	No	•	•	•	•																		
U208001	U208001 - SCUBA CHARGING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U208002	U208002 - MK25 CHARGING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U208003	U208003 - MK16 CHARGING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U208004	U208004 - SEEDS & HEEDS CHARGING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U208005	U208005 - HABD CHARGING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U208006	U208006 - HALO FLASK CHARGING SYSTEMS	SUBSYSTEM	EA	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2090	U2090 - HYPERBARIC & DIVING UNMANNED CHAMBER	SYSTEM	•	No	•	•	•	•																		
U209001	U209001 - HYPERBARIC & DIVING UNMANNED SYSTEM HULLS	SUBSYSTEM	SF	No	STRUCTURAL, CIVIL, MECHANICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U209002	U209002 - HYPERBARIC & DIVING UNMANNED SYSTEMS CONTROL PIPING	SUBSYSTEM	LF	No	STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
U2099	U2099 - OTHER ASHORE HYPERBARIC & DIVING FACILITIES	SYSTEM	•	No	•	•	•	•																		
V10	V10 - BRIDGE STRUCTURE	MASTERSYSTEM	•	No	•	•	•	•																		

V1010	**V1010 - SUBSTRUCTURE**	**SYSTEM**	●	No	●	●	●	●																		
V101001	V101001 - FOUNDATIONS	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V101002	V101002 - PIERS	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V101003	V101003 - ABUTMENTS	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V1020	**V1020 - SUPERSTRUCTURE**	**SYSTEM**	●	No	●	●	●	●																		
V102001	V102001 - RAILINGS	SUBSYSTEM	FT	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V102002	V102002 - DECKS	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V102003	V102003 - BEAMS	SUBSYSTEM	FT	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V102004	V102004 - BEARINGS	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V102005	V102005 - MOVABLE MECHANISM	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V102006	V102006 - CULVERT	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V1030	**V1030 - APPROACH**	**SYSTEM**	●	No	●	●	●	●																		
V103001	V103001 - WINGWALLS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V103002	V103002 - RETAINING WALLS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V103003	V103003 - APPROACH SLABS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V1040	**V1040 - PROTECTION**	**SYSTEM**	●	No	●	●	●	●																		
V104001	V104001 - EXPANSION JOINTS	SUBSYSTEM	FT	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V104002	V104002 - WATERPROOFING	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V104003	V104003 - TOPPING OR OVERLAY (DECK OVERLAY)	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V104004	V104004 - DRAINAGE	SUBSYSTEM	FT	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V104005	V104005 - SLOPE WALLS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V104006	V104006 - APPROACH BARRIERS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V104007	V104007 - CORROSION CONTROL	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V104008	V104008 - PIER PROTECTION BARRIERS	SUBSYSTEM	EA	No	STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V104009	V104009 - CHANNEL PROTECTION	SUBSYSTEM	EA	No	CIVIL, STRUCTURAL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V1050	**V1050 - SERVICES**	**SYSTEM**	●	No	●	●	●	●																		
V105001	V105001 - SIGNALS	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V105002	V105002 - SIGNAGE	SUBSYSTEM	EA	No	CIVIL	200	B	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V105003	V105003 - LIGHTING	SUBSYSTEM	EA	No	ELECTRICAL, CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V105004	V105004 - UTILITIES	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V105005	V105005 - GUARD TOWER	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V105006	V105006 - PAVEMENT MARKING	SUBSYSTEM	FT	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V1060	**V1060 - SITE WORK**	**SYSTEM**	●	No	●	●	●	●																		
V106001	V106001 - UTILITY RELOCATION	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V106002	V106002 - EXISTING STRUCTURES REMOVAL	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V106003	V106003 - EXCAVATION	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V106004	V106004 - COFFERDAM	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V106005	V106005 - EMBANKMENT	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V106006	V106006 - TRAFFIC MAINTENANCE	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V106007	V106007 - ENVIRONMENTAL MITIGATION	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V106008	V106008 - DEMOLITION	SUBSYSTEM	EA	No	CIVIL	300	A	A+	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
V1099	**V1099 - OTHER BRIDGE STRUCTURE**	**SYSTEM**	●	No	●	●	●	●																		
W10	**W10 - CATHODIC PROTECTION SYSTEM**	**MASTERSYSTEM**	●	No	●	●	●	●																		
W1010	**W1010 - IMPRESSED CURRENT CP**	**SYSTEM**	●	No	●	●	●	●																		
W101010	W101010 - RECTIFIERS	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
W101020	W101020 - ANODES	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
W101030	W101030 - TEST STATIONS/BOXES	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
W101040	W101040 - DIELECTRIC INSULATING COUPLINGS	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
W1020	**W1020 - GALVANIC CP**	**SYSTEM**	●	No	●	●	●	●																		
W102010	W102010 - ANODES	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
W102020	W102020 - TEST STATIONS/BOXES	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
W102030	W102030 - DIELECTRIC INSULATING COUPLINGS	SUBSYSTEM	EA	No	ELECTRICAL	200	A	A+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
W1099	**W1099 - OTHER CATHODIC PROTECTION SYSTEM**	**SYSTEM**	●	No	●	●	●	●																		