	Numberin	g by ASTM	2018-08 O	utline				
	System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
3					System Description and Observations			
	3.1				Overall General Description			
	3.2				Site Systems			Need Category
		3.2.1			Topography			
		3.2.2			Storm Water Drainage			Need Item
			3.2.2.1		Catch basins, inlets, culverts	50	50	All items not color coded
			3.2.2.2		Marine or stormwater bulkhead	35	35	are "Component Type"
			3.2.2.3		Earthwork, swales, drainways, erosion controls	50	50	names.
			3.2.2.4		Storm drain lines	50	50	
			3.2.2.5		Stormwater mgmt ponds	50	50	
			3.2.2.6		Fountains, pond aerators	15	15	
		3.2.3			Access and Egress			Need Item
			3.2.3.1		Security gate - lift arm	10	10	
			3.2.3.2		Security gate - rolling gate	15	15	
		3.2.4			Paving, Curbing and Parking			Need Item
			3.2.4.1		Asphalt Pavement	25	25	
			3.2.4.2		Asphalt Seal Coat	5	5	
			3.2.4.3		Concrete Pavement	50	50	
			3.2.4.4		Curbing, Asphalt	25	25	
			3.2.4.5		Curbing, Concrete	50	50	
			3.2.4.6		Parking, Gravel Surfaced	15	15	
			3.2.4.7		Permeable Paving Systems (brick, concrete pavers)	30	30	
			3.2.4.8		Striping and Marking	15	15	
			3.2.4.9		Signage, Roadway / Parking	15	15	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
		3.2.4.10		Carports, wood frame	30	30	
		3.2.4.11		Carports, metal frame	40	40	
	3.2.5			Flatwork (walks, plazas, terraces, patios)			Need Item
		3.2.5.1		Asphalt	25	25	
		3.2.5.2		Concrete	50	50	
		3.2.5.3		Gravel	15	15	
		3.2.5.4		Permeable Paving (brick, concrete pavers)	30	30	
	3.2.6			Landscaping and Appurtenances			Need Item
		3.2.6.1		Fencing, chain-link	40	40	
		3.2.6.2		Fencing, wood picket	15	20	
		3.2.6.3		Fencing, wood board (=>1"x 6")	20	25	
		3.2.6.4		Fencing, wrought Iron	60	60	
		3.2.6.5		Fencing, steel or aluminum	20	25	
		3.2.6.6		Fencing, concrete Masonry unit (CMU)	30	30	
		3.2.6.7		Fencing, PVC	15	20	
		3.2.6.8		Signage, Entrance/Monument	25	25	
		3.2.6.9		Mail Kiosk	15	20	
		3.2.6.10		Retaining Walls, heavy block (50-80 lb)	60	60	
		3.2.6.11		Retaining Walls, reinforced concrete masonry unit (CMU)	40	40	
		3.2.6.12		Retaining Walls, treated timber	25	25	
		3.2.6.13		Storage sheds	30	30	
	3.2.7			Recreational Facilities			Need Item
1		3.2.7.1		Sport Court- asphalt	25	25	
		3.2.7.2		Sport Court- synthetic	15	20	
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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
		3.2.7.3		Sport Court-hardwood	50	50	
		3.2.7.4		Tot Lot (playground equipment)	10	15	
		3.2.7.5		Tot Lot- lose ground cover	3	5	
		3.2.7.6		Pool Deck	15	15	
		3.2.7.7		Pool/Spa Plastic Liner	8	8	
		3.2.7.8		Pool/Spa pumps and equipment	10	10	
		3.2.7.9		Decks-treated lumber	20	20	
		3.2.7.10		Decks-composite	50	50	
	3.2.8			Site Utilities			
		3.2.8.1		Site Utilities-Water			Need Item
			3.2.8.1.1	Water Mains/Valves	50	50	
			3.2.8.1.2	Water Tower	50	50	
			3.2.8.1.3	Irrigation System	25	25	
		3.2.8.2		Site Utilities-Electric			Need Item
			3.2.8.2.1	Electric distribution center	40	40	
			3.2.8.2.2	Electric distribution lines	40	40	
			3.2.8.2.3	Transformer	30	30	
			3.2.8.2.4	Emergency Generator	25	25	
			3.2.8.2.5	Solar Photovoltaic panels	15	15	
			3.2.8.2.6	Photovoltaic Inverters	10	10	
			3.2.8.2.7	Pole mounted lights	25	25	
			3.2.8.2.8	Ground lighting	10	10	
			3.2.8.2.9	Building Mounted Lighting	10	10	
			3.2.8.2.10	Building Mounted High Intensity Discharge (HID) Lighting	10	20	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization Need Category, Need Item, Component Type
		3.2.8.3		Site Utilities-Gas			Need Item
			3.2.8.3.1	Gas Main	40	40	
			3.2.8.3.2	Gas Supply Lines	40	40	
			3.2.8.3.3	Site Propane, Storage & Distribution	35	35	
			3.2.8.3.4	Gas lights/fire pits	20	20	
		3.2.8.4		Site Utilities-Sewer			Need Item
			3.2.8.4.1	Sanitary Sewer lines	50	50	
			3.2.8.4.2	Sanitary waste treatment system	40	40	
			3.2.8.4.3	Lift Station	50	50	
		3.2.8.5		Site Utilities-Trash			Need Item
			3.2.8.5.1	Dumpsters	15	15	
			3.2.8.5.2	Compactors (exterior, commercial grade)	20	20	
			3.2.8.5.3	Recycling containers/equipment	15	15	
			3.2.8.5.4	Composting, organic recycling equipment	10	10	
3.3				Building Frame & Envelope			Need Category
	3.3.1			Foundation			Need Item
		3.3.1.1		Slab, reinforced concrete	100	100	
		3.3.1.2		Slab, post tensioned	100	100	
		3.3.1.3		Continuous reinforced concrete footer and CMU stem wall	100	100	
		3.3.1.4		Piers, reinforced concrete footer and CMU pier	100	100	
		3.3.1.5		Piers, treated timber post/pole	40	40	
		3.3.1.6		Foundation Waterproofing	40	40	
		3.3.1.7		Foundation suction, drainage, groundwater, radon gas controls, pumps,			
				sumps, equip. failure alarms	10	10	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
	3.3.2			Building Frame			
		3.3.2.1		Framing System, Floors & Walls			Need Item
			3.3.2.1.1	Wood, timbers, dimensioned lumber, laminated beams, trusses	100	100	
			3.3.2.1.2	Tie downs, clips, braces, straps, hangers, shear walls/panels	75	75	
			3.3.2.1.3	Steel, beams, trusses	100	100	
			3.3.2.1.4	Reinforced concrete	100	100	
			3.3.2.1.5	Reinforced masonry, concrete masonry units (CMUs)	100	100	
			3.3.2.1.6	Solid Masonry (obsolete)	100	100	
		3.3.2.2		Crawl Spaces, Envelope Penetrations			Need Item
			3.3.2.2.1	Sealed crawl space system	40	40	
			3.3.2.2.2	Vents, screens, covers	30	30	
			3.3.2.2.3	Vapor Barrier (VDR) ground or underfloor	30	30	
			3.3.2.2.4	Penetrations, caulking/sealing	15	15	
			3.3.2.2.5	Crawl space, (de)pressurization, fans, pumps, sumps, equipment failure alarms	10	10	
		3.3.2.3		Roof Frame & Sheathing			Need Item
			3.3.2.3.1	Wood frame and board or plywood sheathing	75	75	
			3.3.2.3.2	Tie downs, clips, braces, straps, hangers	75	75	
			3.3.2.3.3	Steel frame and sheet metal or insulated panel sheathing	100	100	
			3.3.2.3.4	Reinforced concrete deck	100	100	
		3.3.2.4		Flashing & Moisture Protection			Need Item
			3.3.2.4.1	Caulking and Sealing	15	15	
			3.3.2.4.2	Concrete/Masonry Sealants	10	10	
			3.3.2.4.3	Wood waterproofing and sealants	10	10	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization Need Category, Need Item, Component Type
			3.3.2.4.4	Building wraps & moisture resistant barriers	50	50	
			3.3.2.4.5	Paints and stains, exterior	8	8	
		3.3.2.5		Attics & Eaves			Need Item
			3.3.2.5.1	Screened gable end or soffit Vents	30	30	
			3.3.2.5.2	Roof vents, passive	40	40	
			3.3.2.5.3	Roof Vents, powered	20	20	
		3.2.2.6		Insulation			Need Item
			3.3.2.6.1	Loose fill, fiber glass, cellulose, mineral wool	50	50	
			3.3.2.6.2	Batts, blankets, rolls, fiber glass or mineral wool	60	60	
			3.3.2.6.3	Rigid foam board	60	60	
			3.3.2.6.4	Sprayed foam	60	60	
		3.3.2.7		Exterior Stairs, Rails, Balconies/Porches, Canopies			Need Item
			3.3.2.7.1	Exterior Stairs, wood frame/stringer	30	30	
			3.3.2.7.2	Exterior Stair Tread-wood	15	15	
			3.3.2.7.3	Exterior Stairs-steel frame/stringer	40	40	
			3.3.2.7.4	Exterior Stair Tread-metal, concrete filled	20	20	
			3.3.2.7.5	Exterior Stairs, Concrete	50	50	
			3.3.2.7.6	Fire escapes, metal	50	50	
			3.3.2.7.7	Balcony/Porch, wood frame	25	25	
			3.3.2.7.8	Balcony/Porch, steel frame or concrete	40	40	
			3.3.2.7.9	Balcony/Porch, wood decking	20	20	
			3.3.2.7.10	Balcony/Porch, composite decking	50	50	
			3.3.2.7.11	Railings, wood	20	20	
1			3.3.2.7.12	Railings, metal	50	50	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization Need Category, Need Item, Component Typ
			3.3.2.7.13	Railings, composite	50	50	
			3.3.2.7.14	Canopy, Concrete	50	50	
			3.3.2.7.15	Canopy, Wood/Metal	40	40	
		3.3.2.8		Exterior Doors & Entry Systems			Need Item
			3.3.2.8.1	Unit Entry Door, Exterior, solid wood/metal clad	25	30	
			3.3.2.8.2	Common Exterior Door, aluminum and glass	30	30	
			3.3.2.8.3	Common Exterior Door, solid wood /metal clad	25	25	
			3.3.2.8.4	Storm/Screen Doors	5	10	
			3.3.2.8.5	Sliding Glass Doors	25	30	
			3.3.2.8.6	French or Atrium Doors, wood/metal clad	25	30	
			3.3.2.8.7	Automatic Entry Doors	30	30	
			3.3.2.8.8	Commercial Entry Systems	50	50	
			3.3.2.8.9	Overhead Door	30	30	
			3.3.2.8.10	Automatic Opener, overhead door	20	20	
	3.3.3			Façades or Curtainwall			
		3.3.3.1		Sidewall System			Need Item
			3.3.3.1.1	Aluminum Siding	40	40	
			3.3.3.1.2	Vinyl Siding	25	25	
			3.3.3.1.3	Cement Board Siding	45	45	
			3.3.3.1.4	Plywood/Laminated Panels	20	20	
			3.3.3.1.5	Exterior Insulation Finishing System (EIFS)	30	30	
			3.3.3.1.6	Stucco, over wire mesh/lath	50	50	
			3.3.3.1.7	Metal/Glass Curtain Wall	40	40	
			3.3.3.1.8	Precast Concrete Panel (tilt-up)	60	60	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization Need Category, Need Item, Component Type
			3.3.3.1.9	Brick/block veneer	60	60	
			3.3.3.1.10	Stone Veneer	50	50	
			3.3.3.1.11	Glass Block	50	50	
			3.3.3.1.12	Cedar/Redwood shakes, clapboard	50	50	
			3.3.3.1.13	Pine board, clapboard	50	50	
		3.3.3.2		Windows			Need Item
			3.3.3.2.1	Wood, (dbl, sgl hung, casement, awning, sliders)	35	45	
			3.3.3.2.2	Wood, fixed pane, picture	40	45	
			3.3.3.2.3	Aluminum	35	40	
			3.3.3.2.4	Vinyl	30	30	
			3.3.3.2.5	Vinyl/Alum Clad Wood	50	50	
			3.3.3.2.6	Storm/Screen Windows	7	15	
	3.3.4			Roofing and Roof Drainage			
		3.3.4.1		Sloped Roofs			Need Item
			3.3.4.1.1	Asphalt Shingle	20	20	
			3.3.4.1.2	Metal	50	50	
			3.3.4.1.3	Slate shingle	75	75	
			3.3.4.1.4	Clay/cementitious barrel tile	60	60	
			3.3.4.1.5	Wood Shingle, Cedar Shakes/Shingles	25	25	
		3.3.4.2		Low Slope/Flat Roofs			Need Item
			3.3.4.2.1	Low slope-Built-up Roof, with gravel finish	20	20	
			3.3.4.2.2	Low slope-Built-up Roof, no mineral or gravel finish	10	10	
			3.3.4.2.3	Low slope-Adhered rubber membrane, (EPDM)	15	15	
			3.3.4.2.4	Low slope-Thermoplastic membrane, (TPO, vinyl)	15	15	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
			3.3.4.2.5	Low slope-Rubberized/elastomeric white/cool roof	15	15	
		3.3.4.3		Roof Drainage, Trim & Accessories			Need Item
			3.3.4.3.1	Gutters/Downspouts, aluminum	20	20	
			3.3.4.3.2	Gutters/Downspouts, copper	50	50	
			3.3.4.3.3	Low slope-roof drains, scuppers	30	30	
			3.3.4.3.4	Soffits, Wood, Vinyl, Metal	20	20	
			3.3.4.3.5	Fascia, Wood, Vinyl	20	20	
			3.3.4.3.6	Roof Hatch	30	30	
			3.3.4.3.7	Service Door	30	30	
			3.3.4.3.8	Roof Skylight	30	30	
3.4				MechElectPlumbing			Need Category
	3.4.1			Plumbing			
		3.4.1.1		Water Supply and Waste Piping			Need Item
			3.4.1.1.1	PVC/CPVC pipe, supply and waste	75	75	
			3.4.1.1.2	Copper/brass hard pipe, supply	75	75	
			3.4.1.1.3	Copper Tube, supply	50	50	
			3.4.1.1.4	Galvanized pipe, supply	40	40	
			3.4.1.1.5	Cast iron sanitary waste	75	75	
			3.4.1.1.6	Domestic Cold Water Pumps	20	20	
			3.4.1.1.7	Sewage Ejectors	50	50	
			3.4.1.1.8	Commercial Sump Pump	20	20	
			3.4.1.1.9	Residential Sump Pump	15	15	
			3.4.1.1.10	Water Softener/Filtration	15	15	
		3.4.1.2		Domestic Water Heating			Need Item

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization Need Category, Need Item, Component Type
			3.4.1.2.1	DHW circulating pumps	15	15	
			3.4.1.2.2	DHW storage tanks	15	15	
			3.4.1.2.3	Exchanger, in tank or boiler	15	15	
			3.4.1.2.4	External tankless heater, gas or electric	20	20	
			3.4.1.2.5	Solar hot water	20	20	
			3.4.1.2.6	Residential hot water heater, gas or electric	12	15	
			3.4.1.2.7	Flue, gas water heaters	35	35	
			3.4.1.2.8	Boilers, Oil Fired, Sectional	25	25	
			3.4.1.2.9	Boilers, Gas Fired, Sectional	25	25	
			3.4.1.2.10	Boilers, Oil/ Gas/ Dual Fuel, Low MBH	30	30	
			3.4.1.2.11	Boilers, Oil/ Gas/ Dual Fuel, High MBH	40	40	
			3.4.1.2.12	Boilers, Gas Fired Atmospheric	25	25	
			3.4.1.2.13	Boilers, Electric	20	20	
			3.4.1.2.14	Boiler Blowdown and Water Treatment	25	25	
			3.4.1.2.15	Boiler Room Pipe Insulation	25	25	
			3.4.1.2.16	Boiler Room Piping	50	50	
			3.4.1.2.17	Boiler Room Valves	25	25	
			3.4.1.2.18	Boiler Temperature Controls	15	15	
			3.4.1.2.19	Heat Exchanger	35	35	
		3.4.1.3		Fixtures			Need Item
			3.4.1.3.1	Faucets & valves	15	20	
			3.4.1.3.2	Bath tubs & sinks, cast iron	75	75	
			3.4.1.3.3	Bubs tubs & sinks, enameled or stainless steel, fiberglass	40	40	
			3.4.1.3.4	Bath tubs & sinks, porcelain	50	50	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
			3.4.1.3.5	Toilets/bidets/urinals	40	40	
			3.4.1.3.6	Flush valves	10	15	
			3.4.1.3.7	Tub/shower units or integrated assemblies	30	30	
	3.4.2			Centralized HVAC Systems			
		3.4.2.1		Centralized Heating/Cooling Equipment			Need Item
			3.4.2.1.1	Boilers, Oil Fired, Sectional - Centralized	25	25	
			3.4.2.1.2	Boilers, Gas Fired, Sectional - Centralized	25	25	
			3.4.2.1.3	Boilers, Oil/ Gas/ Dual Fuel, Low MBH - Centralized	30	30	
			3.4.2.1.4	Boilers, Oil/ Gas/ Dual Fuel, High MBH - Centralized	40	40	
			3.4.2.1.5	Boilers, Gas Fired Atmospheric - Centralized	25	25	
			3.4.2.1.6	Boilers, Electric - Centralized	20	20	
			3.4.2.1.7	Boiler Blowdown and Water Treatment - Centralized	25	25	
			3.4.2.1.8	Boiler Room Pipe Insulation - Centralized	25	25	
			3.4.2.1.9	Boiler Room Piping - Centralized	50	50	
			3.4.2.1.10	Boiler Room Valves - Centralized	25	25	
			3.4.2.1.11	Boiler Temperature Controls - Centralized	15	15	
			3.4.2.1.12	Heat Exchanger - Centralized	35	35	
			3.4.2.1.13	Combustion Air, Duct with Fixed Louvers	30	30	
			3.4.2.1.14	Combustion Air, Motor Louvers and Duct	25	25	
			3.4.2.1.15	Combustion Waste Flue	40	40	
			3.4.2.1.16	Cooling tower	25	25	
			3.4.2.1.17	Chilling plant	20	20	
			3.4.2.1.18	Steam supply station	50	50	
			3.4.2.1.19	Free standing chimney	50	50	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
		3.4.2.2		Centralized Heat/Air/Fuel Distribution			Need Item
			3.4.2.2.1	Fuel oil/propane storage tanks	40	40	
			3.4.2.2.2	Remediate/remove abandoned tanks/fuel lines	100	100	
			3.4.2.2.3	Fuel transfer system	25	25	
			3.4.2.2.4	Gas/oil distribution lines	50	50	
			3.4.2.2.5	Gas meter	40	40	
			3.4.2.2.6	2 pipe/4 pipe hydronic distribution-above grade	50	50	
			3.4.2.2.7	2 pipe/4 pipe hydronic distribution-in ground	25	25	
			3.4.2.2.8	Hydronic/Water Circulating Pumps	20	20	
			3.4.2.2.9	Hydronic/Water Controller	20	20	
			3.4.2.2.10	Radiation-steam/hydronic (baseboard or freestanding radiator)	50	50	
			3.4.2.2.11	Fan Coil Unit, Hydronic	30	30	
			3.4.2.2.12	Central exhaust fans/blowers	20	20	
	3.4.3			Decentralized and Split HVAC Systems			
		3.4.3.1		Dwelling/Common Area HVAC Equipment			Need Item
			3.4.3.1.1	Electric heat pump, condenser, pad or rooftop	15	15	
			3.4.3.1.2	Electric AC condenser, pad or rooftop	15	15	
			3.4.3.1.3	Electric furnace/air handler	20	20	
			3.4.3.1.4	Gas furnace/air handler	20	20	
			3.4.3.1.5	Hydronic heat/electric AC air handler	25	25	
			3.4.3.1.6	Hydronic feed electric heat pump/air handler	25	25	
			3.4.3.1.7	Wall mounted electric/gas heater	25	25	
			3.4.3.1.8	Electric baseboard heater	30	30	
			3.4.3.1.9	PTAC Thruwall (packaged terminal air conditioning)	15	15	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
			3.4.3.1.10	Window or thru-wall air conditioners	10	10	
			3.4.3.1.11	Package HVAC roof top	15	15	
			3.4.3.1.12	Air filtration/humidity control devices (humidifiers, HRV's)	20	20	
			3.4.3.1.13	Duct, rigid sheet metal, insulated if not in conditioned space	35	35	
			3.4.3.1.14	Duct, flexible, insulated	20	20	
			3.4.3.1.15	Duct, sealing-mastic or UL 181A or 181B tape.	20	20	
			3.4.3.1.16	Diffusers, registers	20	20	
			3.4.3.1.17	Fireplace, masonry & firebrick, masonry chimney	75	75	
			3.4.3.1.18	Fireplace, factory assembled	35	35	
			3.4.3.1.19	Fireplace insert, stove	50	50	
			3.4.3.1.20	Chimneys, metal, and chimney covers	35	35	
		3.4.3.2		HVAC Controls			Need Item
			3.4.3.2.1	Dwelling/common area thermostat	15	20	
			3.4.3.2.2	Heat sensors	15	15	
			3.4.3.2.3	Outdoor temperature sensor	10	10	
	3.4.4			Electrical			
		3.4.4.1		Electric Service & Metering			Need Item
			3.4.4.1.1	Building service panel	50	50	
			3.4.4.1.2	Building meter	40	40	
			3.4.4.1.3	Tenant meters, meter panel	40	40	
		3.4.4.2		Electrical Distribution			Need Item
	_		3.4.4.2.1	Tenant electrical panel	50	50	
			3.4.4.2.2	Unit/building wiring	50	50	
		3.4.4.3		Electric Lighting & Fixtures			Need Item

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
			3.4.4.3.1	Switches & outlets	35	35	
			3.4.4.3.2	Lighting - exterior entry	15	20	
			3.4.4.3.3	Lighting- interior common space	25	30	
			3.4.4.3.4	Lighting - Tenant Spaces	20	25	
			3.4.4.3.5	Door bells, chimes	20	25	
		3.4.4.4		Telecommunications Equipment			Need Item
			3.4.4.4.1	Satellite dishes/antennae	20	20	
			3.4.4.4.2	Telecom panels & controls	20	20	
			3.4.4.4.3	Telecom cabling & outlets	20	20	
3.5				Vertical Transportation			Need Category
	3.5.1			Elevators/Escalators			Need Item
		3.5.1.1		Electrical switchgear	50	50	
		3.5.1.2		Electrical wiring	30	30	
		3.5.1.3		Elevator controller, call, dispatch, emergency	10	20	
		3.5.1.4		Elevator cab, interior finish	10	20	
		3.5.1.5		Elevator cab, frame	35	50	
		3.5.1.6		Elevator, machinery	20	30	
		3.5.1.7		Elevator, shaftway doors	10	20	
		3.5.1.8		Elevator, shaftway hoist rails, cables, traveling	20	25	
		3.5.1.9		Elevator, shaftway hydraulic piston and leveling	20	25	
		3.5.1.10		Escalators	50	50	
3.6				Life Safety/Fire Protection			Need Category
	3.6.1			Sprinklers and Standpipes			Need Item
		3.6.1.1		Building fire suppression sprinklers, standpipes	50	50	<u> </u>

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
		3.6.1.2		Fire pumps	20	20	
		3.6.1.3		Fire hose stations	50	50	
		3.6.1.4		Fire extinguishers	10	15	
	3.6.2			Alarm, Security & Emergency Systems			Need Item
		3.6.2.1		Tenant space alarm systems	10	15	
		3.6.2.2		Residential smoke detectors	5	7	
		3.6.2.3		Call station	10	15	
		3.6.2.4		Emergency/auxiliary generator	25	25	
		3.6.2.5		Emergency/auxiliary fuel storage tank	25	25	
		3.6.2.6		Emergency lights, illuminated signs	5	10	
		3.6.2.7		Smoke and fire detection system, central panel	15	15	
		3.6.2.8		Buzzer/intercom, central panel	20	20	
		3.6.2.9		Tenant buzzer / intercom /secured entry system	20	20	
	3.6.3			Other Systems			Need Item
		3.6.3.1		Pneumatic Lines and Controls	30	30	
		3.6.3.2		Auto-securing doors/entries/lock down	30	30	
3.7				Interior Elements			
	3.7.1			Interiors-Common Areas			Need Category
		3.7.1.1		Finished walls, ceilings, floors			Need Item
			3.7.1.1.1	Drywall - Common	35	40	
-	-		3.7.1.1.2	Plaster - Common	50	50	
			3.7.1.1.3	Paints, stains, clear finishes, interior - Common	15	20	
			3.7.1.1.4	Wallpapers - Common	15	20	
			3.7.1.1.5	Wall tile, ceramic, glass, natural stone - Common	35	50	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization Need Category, Need Item, Component Type
			3.7.1.1.6	Floor tile, ceramic, natural stone - Common	40	50	
			3.7.1.1.7	Concrete/Masonry/Terrazzo - Common	75	75	
			3.7.1.1.8	Hardwood floor (3/4" strip or parquet) - Common	50	50	
			3.7.1.1.9	Wood floor, laminated/veneered - Common	20	25	
			3.7.1.1.10	Resilient tile or sheet floor (vinyl, linoleum) - Common	15	20	
			3.7.1.1.11	Carpet - Common	6	10	
			3.7.1.1.12	Acoustic tile/drop ceiling - Common	15	20	
		3.7.1.2		Millwork (doors, trim, cabinets, tops)			Need Item
			3.7.1.2.1	Interior, hollow core doors - Common	20	25	
			3.7.1.2.2	Interior doors, solid core, wood, metal clad, fire rated	30	35	
			3.7.1.2.3	Door trim - Common	20	30	
			3.7.1.2.4	Wall trim (base, chair rail, crown moldings) - Common	30	35	
			3.7.1.2.5	Passage & lock sets - Common	15	20	
			3.7.1.2.6	Bifold & sliding doors - Common	15	20	
			3.7.1.2.7	Cabinets & vanities - Common	20	25	
			3.7.1.2.8	Tops, granite, natural stone, engineered stone - Common	50	50	
			3.7.1.2.9	Tops, solid surface, stainless steel - Common	40	50	
			3.7.1.2.10	Tops, plastic laminates, wood - Common	15	25	
			3.7.1.2.11	Vanity tops, cultured marble, molded acrylic, fiber glass - Common	25	35	
		3.7.1.3		Appliances			Need Item
			3.7.1.3.1	Refrigerator/freezer - Common	15	15	
			3.7.1.3.2	Range, cook top, wall oven - Common	20	25	
			3.7.1.3.3	Range hood - Common	20	25	
			3.7.1.3.4	Microwave - Common	10	10	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization Need Category, Need Item, Component Type
			3.7.1.3.5	Disposal (food waste) - Common	7	10	
			3.7.1.3.6	Compactors (interior, residential grade) - Common	7	10	
			3.7.1.3.7	Dishwasher - Common	10	15	
			3.7.1.3.8	Clothes washer/dryer - Common	10	15	
		3.7.1.4		Specialties			Need Item
			3.7.1.4.1	Interior Mail Facility	20	25	
			3.7.1.4.2	Common area bath accessories (towel bars, grab bars, toilet stalls, etc.)	7	12	
			3.7.1.4.3	Mirrors & medicine cabinets - Common	20	25	
			3.7.1.4.4	Closet/storage specialties, shelving - Common	20	25	
			3.7.1.4.5	Common area interior stairs	50	50	
			3.7.1.4.6	Common area railings	15	25	
			3.7.1.4.7	Bath/kitchen vent/exhaust fans - Common	15	15	
			3.7.1.4.8	Ceiling fans - Common	15	15	
			3.7.1.4.9	Window treatments, drapery rods, shades, blinds, etc Common	15	25	
			3.7.1.4.10	Indoor recreation and fitness equipment	10	15	
			3.7.1.4.11	Entertainment centers, theatre projection and seating	15	25	
	3.7.2			Interiors-Dwelling Units			Need Category
		3.7.2.1		Finished walls, ceilings, floors			Need Item
			3.7.2.1.1	Drywall	35	40	
			3.7.2.1.2	Plaster	50	50	
			3.7.2.1.3	Paints, stains, clear finishes, interior	10	15	
			3.7.2.1.4	Wallpapers	10	15	
			3.7.2.1.5	Wall tile, ceramic, glass, natural stone	30	40	
			3.7.2.1.6	Floor tile, ceramic, natural stone	40	50	

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System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
			3.7.2.1.7	Concrete/Masonry/Terrazzo	75	75	
			3.7.2.1.8	Hardwood floor (3/4" strip or parquet)	50	50	
			3.7.2.1.9	Wood floor, laminated/veneered	15	20	
			3.7.2.1.10	Resilient tile or sheet floor (vinyl, linoleum)	15	20	
			3.7.2.1.11	Carpet	6	10	
			3.7.2.1.12	Acoustic tile/drop ceiling	15	20	
		3.7.2.2		Millwork (doors, trim, cabinets, tops)			Need Item
			3.7.2.2.1	Interior, hollow core doors	20	25	
			3.7.2.2.2	Interior doors, solid core, wood, metal clad	30	35	
			3.7.2.2.3	Door trim	20	30	
			3.7.2.2.4	Wall trim (base, chair rail, crown moldings)	25	35	
			3.7.2.2.5	Passage & lock sets	12	20	
			3.7.2.2.6	Bifold & sliding doors	12	20	
			3.7.2.2.7	Cabinets & vanities	20	25	
			3.7.2.2.8	Tops, granite, natural stone, engineered stone	50	50	
			3.7.2.2.9	Tops, solid surface, stainless steel	40	50	
			3.7.2.2.10	Tops, plastic laminates, wood	15	25	
			3.7.2.2.11	Vanity tops, cultured marble, molded acrylic, fiber glass	25	35	
		3.7.2.3		Appliances			Need Item
			3.7.2.3.1	Refrigerator/freezer	12	15	
			3.7.2.3.2	Range, cook top, wall oven	15	25	
			3.7.2.3.3	Range hood	15	25	
			3.7.2.3.4	Microwave	10	10	
			3.7.2.3.5	Disposal (food waste)	7	10	

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	System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization Need Category, Need Item, Component Type
				3.7.2.3.6	Compactors (interior, residential grade)	7	10	
				3.7.2.3.7	Dishwasher	10	15	
				3.7.2.3.8	Clothes washer/dryer	10	15	
			3.7.2.4		Specialties			Need Item
				3.7.2.4.1	Bath accessories (towel bars, grab bars, etc.)	7	12	
				3.7.2.4.2	Mirrors & medicine cabinets	15	25	
				3.7.2.4.3	Closet/storage specialties, shelving	15	25	
				3.7.2.4.4	Interior stairs	50	50	
				3.7.2.4.5	Stair and loft railings	20	25	
				3.7.2.4.6	Bath/kitchen vent/exhaust fans	15	15	
				3.7.2.4.7	Ceiling fans	10	15	
				3.7.2.4.8	Window treatments, drapery rods, shades, blinds, etc.	10	20	
4					Additional Considerations			Need Category
	4.1				Environmental Items (not elsewhere defined)			Need Item
		4.1.1			Environmental remediation alarms	5	5	
		4.1.2			Environmental remediation pumps & equipment	5	5	
		4.1.3			Mold-treat-remediate	100	100	
		4.1.4			Pest Control/Integrated Pest Management Plan	1	1	
	4.2				Lead based paint (LBP), asbestos			Need Item
		4.2.1			LBP inspection	100	100	
		4.2.2			Lead based paint abatement			
			4.2.2.1		LBP encapsulation (abatement)	20	20	
			4.2.2.2		LBP removal	100	100	
		4.2.3			Lead based paint interim controls			

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	System Description	Overall General Description	Component	Sub- Component	Component Description	Family	Elderly	3 tiers of categorization: Need Category, Need Item, Component Type
			4.2.3.1		LBP hazard interim control	6	6	
			4.2.3.2		LBP Encapsulation (interim control)	6	6	
		4.2.4			Asbestos			
			4.2.4.1		Asbestos encapsulation (abatement)	10	10	
			4.2.4.2		Asbestos Removal	100	100	
4	4.3				Commercial Tenant Improvements			Need Item
		4.3.1			Owner provided item(s) (specify)	5	5	
		4.3.2			Owner provided \$ allowance (specify)	5	5	