

FAC 7210 ENLISTED UPH

FY22 SUC: \$5.29 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 7210 ENLISTED UPH

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 55
Average Size 32050.0

SUC \$5.29

Adjusted Occurrences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair concrete stairs	30	340.00 S.F.	\$11,221.48	\$12,976.33	1.8333	1	1	\$12,976.33	\$12,976.33
Replace concrete stairs	75	340.00 S.F.	\$29,560.11	\$36,313.31	0.7333	0	0	\$0.00	\$0.00
Replace metal hand rail	30	60.00 L.F.	\$4,541.01	\$5,254.36	1.8333	1	1	\$5,254.36	\$5,254.36
Refinish metal hand rail	7	60.00 L.F.	\$123.78	\$152.57	7.8571	7	7	\$1,067.97	\$1,067.97
Waterproof concrete block wall, 1st floor	10	49.80 C.S.F.	\$11,304.73	\$13,446.42	5.5000	5	5	\$67,232.08	\$67,232.08
Waterproof concrete block wall, 2nd floor	10	49.80 C.S.F.	\$38,163.66	\$45,532.12	5.5000	5	5	\$227,660.58	\$227,660.58
Waterproof concrete block wall, 3rd floor	10	49.80 C.S.F.	\$38,413.34	\$45,822.04	5.5000	5	5	\$229,110.18	\$229,110.18
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	24.00 S.F.	\$289.38	\$340.12	55.0000	55	55	\$18,706.53	\$18,706.53
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	32.00 Ea.	\$4,631.57	\$5,523.49	2.7500	2	2	\$11,046.97	\$11,046.97
Replace glass - 2nd floor (1% of glass) - alum. window fixed	1	18.00 S.F.	\$1,911.49	\$2,359.27	55.0000	55	55	\$129,759.87	\$129,759.87
Replace 2'-0" x 3'-0" aluminum window - 2nd floor	50	32.00 Ea.	\$17,110.86	\$20,363.88	1.1000	1	1	\$20,363.88	\$20,363.88
Repair aluminum storefront door	12	2.00 Ea.	\$926.84	\$1,109.03	4.5833	4	4	\$4,436.12	\$4,436.12
Replace 3'-0" x 7'-0" aluminum storefront doors	50	2.00 Ea.	\$4,091.53	\$4,838.20	1.1000	1	1	\$4,838.20	\$4,838.20
Repair steel, painted, door	14	4.00 Ea.	\$2,500.30	\$2,976.02	3.9286	3	3	\$8,928.07	\$8,928.07
Refinish 3'-0" x 7'-0" steel, painted, door	4	4.00 Ea.	\$165.60	\$203.46	13.7500	13	13	\$2,645.04	\$2,645.04
Replace 3'-0" x 7'-0" steel, painted, door	45	4.00 Ea.	\$2,820.26	\$3,278.92	1.2222	1	1	\$3,278.92	\$3,278.92
Debris removal, by hand and visual inspection, metal panel roofing	1	12.90 M.S.F.	\$293.91	\$358.49	55.0000	55	55	\$19,716.84	\$19,716.84
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	258.00 S.F.	\$901.22	\$1,081.27	11.0000	11	11	\$11,893.96	\$11,893.96
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	11.60 S.F.	\$212.28	\$257.20	55.0000	55	55	\$14,146.04	\$14,146.04
Minor metal roof panel replacement, 2.5% of roof area	20	245.00 S.F.	\$2,799.76	\$3,325.16	2.7500	2	2	\$6,650.32	\$6,650.32
Total metal roof panel replacement	30	94.00 Sq.	\$79,443.78	\$94,095.53	1.8333	1	1	\$94,095.53	\$94,095.53
Repair 8" concrete block wall - (2% of walls) painted	25	30.74 C.S.F.	\$33,495.97	\$40,218.85	2.2000	2	2	\$80,437.69	\$80,437.69
Refinish concrete block wall painted	4	363.94 C.S.F.	\$36,728.35	\$44,723.93	13.7500	13	13	\$581,411.08	\$581,411.08
Repair steel painted interior door	14	4.00 Ea.	\$1,173.81	\$1,366.26	3.9286	3	3	\$4,098.77	\$4,098.77
Refinish 3'-0" x 7'-0" steel painted interior door	4	4.00 Ea.	\$210.34	\$259.15	13.7500	13	13	\$3,368.89	\$3,368.89
Replace 3'-0" x 7'-0" steel painted interior door	60	4.00 Ea.	\$4,872.14	\$5,648.33	0.9167	0	0	\$0.00	\$0.00
Repair solid core wood door, interior	11	23.50 Ea.	\$6,896.13	\$8,026.75	5.0000	5	5	\$40,133.77	\$40,133.77
Replace 3'-0" x 7'-0" solid core wood door, interior	40	67.00 Ea.	\$32,791.63	\$37,909.28	1.3750	1	1	\$37,909.28	\$37,909.28

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace 1 1/2 pair brass hinges	60	23.50 Ea.	\$7,728.69	\$9,092.14	0.9167	0	0	\$0.00	\$0.00
Replace brass lockset interior	30	56.00 Ea.	\$18,434.67	\$21,364.81	1.8333	1	1	\$21,364.81	\$21,364.81
Replace vinyl sheet flooring	18	2,460.00 S.Y.	\$224,637.10	\$268,928.75	3.0556	3	3	\$806,786.26	\$806,786.26
Ceramic tile floor repairs - (2% of floors)	15	111.50 C.S.F.	\$70,558.33	\$87,974.13	3.6667	3	3	\$263,922.40	\$263,922.40
Replace 2" x 2" thin set ceramic tile floor	50	11.75 C.S.F.	\$14,377.81	\$17,355.85	1.1000	1	1	\$17,355.85	\$17,355.85
Replace ceramic trim	50	893.00 L.F.	\$12,790.34	\$15,488.96	1.1000	1	1	\$15,488.96	\$15,488.96
Replace carpet	8	520.00 S.Y.	\$28,608.50	\$33,039.19	6.8750	6	6	\$198,235.14	\$198,235.14
Acoustic tile repairs - (2% of ceilings)	9	3.83 C.S.F.	\$3,476.51	\$4,040.35	6.1111	6	6	\$24,242.09	\$24,242.09
Replace acoustic tile ceiling, fire-rated	20	171.50 C.S.F.	\$89,905.20	\$105,967.46	2.7500	2	2	\$211,934.93	\$211,934.93
Replace flush valve diaphragm tankless water closet	10	27.00 Ea.	\$707.95	\$878.47	5.5000	5	5	\$4,392.34	\$4,392.34
Rebuild flush valve tankless water closet	20	27.00 Ea.	\$4,871.71	\$5,871.34	2.7500	2	2	\$11,742.69	\$11,742.69
Unplug clogged line tankless water closet	5	27.00 Ea.	\$5,896.67	\$7,374.42	11.0000	11	11	\$81,118.67	\$81,118.67
Replace tankless water closet	35	27.00 Ea.	\$34,727.97	\$40,189.37	1.5714	1	1	\$40,189.37	\$40,189.37
Replace tankless flush valve	25	27.00 Ea.	\$6,809.81	\$7,994.98	2.2000	2	2	\$15,989.97	\$15,989.97
Replace wax ring gasket for tankless water closet	5	27.00 Ea.	\$3,821.02	\$4,774.31	11.0000	11	11	\$52,517.45	\$52,517.45
Replace stainless steel detention water closet flush valve actuator	20	27.00 Ea.	\$10,525.91	\$12,197.07	2.7500	2	2	\$24,394.15	\$24,394.15
Replace flush valve diaphragm for a urinal	7	8.00 Ea.	\$209.76	\$260.29	7.8571	7	7	\$1,822.01	\$1,822.01
Rebuild flush valve for a urinal	20	8.00 Ea.	\$1,443.47	\$1,739.66	2.7500	2	2	\$3,479.31	\$3,479.31
Unplug line urinal	5	8.00 Ea.	\$1,160.57	\$1,451.42	11.0000	11	11	\$15,965.66	\$15,965.66
Replace wall-hung urinal	35	8.00 Ea.	\$7,750.90	\$9,352.85	1.5714	1	1	\$9,352.85	\$9,352.85
Replace washer in spud connection lavatory, vitreous china	7	27.00 Ea.	\$444.49	\$542.16	7.8571	7	7	\$3,795.13	\$3,795.13
Replace washer in faucet lavatory, vitreous china	2	27.00 Ea.	\$347.89	\$433.40	27.5000	27	27	\$11,701.78	\$11,701.78
Replace faucets lavatory, vitreous china	10	27.00 Ea.	\$4,906.60	\$5,906.40	5.5000	5	5	\$29,531.98	\$29,531.98
Clean out strainer and P trap lavatory, vitreous china	2	27.00 Ea.	\$941.47	\$1,177.41	27.5000	27	27	\$31,790.17	\$31,790.17
Replace lavatory, vitreous china	35	27.00 Ea.	\$18,159.51	\$21,821.97	1.5714	1	1	\$21,821.97	\$21,821.97
Inspect / clean shower head bathtub, fiberglass	3	27.00 Ea.	\$1,333.61	\$1,667.82	18.3333	18	18	\$30,020.75	\$30,020.75
Replace mixing valve bathtub, fiberglass	10	27.00 Ea.	\$7,448.82	\$9,059.99	5.5000	5	5	\$45,299.95	\$45,299.95
Replace bathtub, fiberglass	20	27.00 Ea.	\$38,794.95	\$45,670.07	2.7500	2	2	\$91,340.13	\$91,340.13
Minor repairs, adjustments water heater, gas / oil, 1150 GPH	2	1.00 Ea.	\$98.31	\$122.94	27.5000	27	25	\$3,319.50	\$3,073.61
Clean & service water heater, gas / oil, 1150 GPH	2	1.00 Ea.	\$586.59	\$733.59	27.5000	27	27	\$19,806.96	\$19,806.96
Replace water heater, gas / oil, 1150 GPH	20	1.00 Ea.	\$41,525.47	\$47,777.51	2.7500	2	2	\$95,555.02	\$95,555.02
Insp./chk. pump/mtr. oper., lub., chk. align. circulation pump, 1/2 HP	1	1.00 Ea.	\$11.95	\$14.94	55.0000	55	55	\$821.89	\$821.89
Replace pump / motor assembly, partial circulation pump, 1/2 HP	20	1.00 Ea.	\$3,822.30	\$4,402.23	2.7500	2	2	\$8,804.46	\$8,804.46

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair boiler, gas, 2000 MBH	7	1.00 Ea.	\$5,785.82	\$6,733.75	7.8571	7	7	\$47,136.22	\$47,136.22
Replace boiler, gas, 2000 MBH	30	1.00 Ea.	\$39,838.14	\$46,620.21	1.8333	1	1	\$46,620.21	\$46,620.21
Replace metal flue, all fuel SS, 6" diameter metal flue / chimney	15	1.00 L.F.	\$129.05	\$149.45	3.6667	3	3	\$448.36	\$448.36
Replace roof mounted exhaust fan, 2000 CFM exhaust fan	20	2.00 Ea.	\$5,341.44	\$6,214.50	2.7500	2	2	\$12,429.01	\$12,429.01
Repair circulator pump, 1 H.P.	5	2.00 Ea.	\$196.72	\$232.03	11.0000	11	8	\$2,552.37	\$1,856.27
Replace circulator. pump, 1 H.P.	15	2.00 Ea.	\$11,536.96	\$13,227.58	3.6667	3	3	\$39,682.74	\$39,682.74
Repair single zone rooftop unit, 60 ton	10	3.00 Ea.	\$209,911.08	\$245,679.99	5.5000	5	4	\$1,228,399.94	\$982,719.95
Replace single zone rooftop unit, 60 ton	15	3.00 Ea.	\$281,725.96	\$329,078.39	3.6667	3	3	\$987,235.18	\$987,235.18
Repair central station A.H.U., 16,000 CFM	10	3.00 Ea.	\$4,508.46	\$5,238.11	5.5000	5	4	\$26,190.53	\$20,952.42
Replace central station A.H.U., 16,000 CFM	15	3.00 Ea.	\$200,818.95	\$231,135.23	3.6667	3	3	\$693,405.70	\$693,405.70
Rebuild 4" diameter reduced pressure backflow preventer	10	1.00 Ea.	\$664.67	\$779.78	5.5000	5	5	\$3,898.92	\$3,898.92
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	55.0000	55	55	\$2,361.08	\$2,361.08
Replace sprinkler head	20	78.00 Ea.	\$6,670.78	\$8,204.78	2.7500	2	2	\$16,409.56	\$16,409.56
Replace fire pump / electric motor assembly 100 H.P.	25	1.00 Ea.	\$44,139.08	\$50,910.34	2.2000	2	2	\$101,820.68	\$101,820.68
Maintenance and repair motor starter, up to 600 V	5	1.00 Ea.	\$279.64	\$337.60	11.0000	11	11	\$3,713.58	\$3,713.58
Maintenance and inspection motor starter, up to 600 V	0.5	1.00 Ea.	\$53.98	\$67.63	110.0000	110	110	\$7,439.31	\$7,439.31
Replace starter motor starter, up to 600 V	18	1.00 Ea.	\$805.31	\$958.07	3.0556	3	3	\$2,874.22	\$2,874.22
Maintenance and inspection lighting panel, indoor	3	5.00 Ea.	\$203.22	\$254.61	18.3333	18	18	\$4,582.93	\$4,582.93
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	12.00 Ea.	\$861.15	\$1,078.90	2.7500	2	2	\$2,157.80	\$2,157.80
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	12.00 Ea.	\$388.66	\$486.94	110.0000	110	110	\$53,563.02	\$53,563.02
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	12.00 Ea.	\$6,579.47	\$7,664.46	1.1000	1	1	\$7,664.46	\$7,664.46
Maintenance and repair receptacles and plugs	20	237.00 Ea.	\$10,011.69	\$12,499.05	2.7500	2	2	\$24,998.10	\$24,998.10
Maintenance and repair wiring devices, switches	10	64.00 Ea.	\$2,703.58	\$3,375.27	5.5000	5	5	\$16,876.36	\$16,876.36
Replace wiring devices, switches	15	64.00 Ea.	\$4,184.18	\$5,198.20	3.6667	3	3	\$15,594.60	\$15,594.60
Replace fluorescent light fixture ballast, 80 W	10	130.00 Ea.	\$16,206.90	\$19,660.84	5.5000	5	5	\$98,304.20	\$98,304.20
Replace lamps (2 lamps), 4', 34 W energy saver	10	130.00 Ea.	\$3,277.82	\$4,105.26	5.5000	5	5	\$20,526.31	\$20,526.31
Repair smoke detector	10	82.00 Ea.	\$4,623.78	\$5,716.55	5.5000	5	4	\$28,582.77	\$22,866.21
Check operation smoke detector	1	82.00 Ea.	\$1,327.93	\$1,663.70	55.0000	55	55	\$91,503.50	\$91,503.50
Replace smoke detector	15	82.00 Ea.	\$23,307.46	\$27,835.88	3.6667	3	3	\$83,507.63	\$83,507.63
Check and repair manual pull station	10	12.00 Ea.	\$1,052.36	\$1,293.96	5.5000	5	4	\$6,469.82	\$5,175.85
Replace manual pull station	15	12.00 Ea.	\$2,441.61	\$2,939.29	3.6667	3	3	\$8,817.88	\$8,817.88
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.71	\$182.27	11.0000	11	11	\$2,005.02	\$2,005.02
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	110.0000	110	110	\$5,951.45	\$5,951.45
Replace fire alarm control panel	15	1.00 Ea.	\$1,953.46	\$2,391.92	3.6667	3	3	\$7,175.76	\$7,175.76

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace fire alarm bell, 6"	20	6.00 Ea.	\$1,169.77	\$1,411.65	2.7500	2	2	\$2,823.31	\$2,823.31	
Maintenance and repair building structure ground	7	1.00 M.L.F.	\$87.89	\$109.79	7.8571	7	7	\$768.51	\$768.51	
Replace building structure ground	50	1.00 M.L.F.	\$4,337.42	\$5,318.61	1.1000	1	1	\$5,318.61	\$5,318.61	
Maintenance and repair of general wiring lightning protection system	1	2.00 M.L.F.	\$193.45	\$239.65	55.0000	55	55	\$13,180.92	\$13,180.92	
Replace lightning protection general wiring system	25	2.00 M.L.F.	\$22,018.24	\$26,191.98	2.2000	2	2	\$52,383.96	\$52,383.96	
Maintenance and repair lightning ground rod	1	2.00 Ea.	\$175.78	\$219.57	55.0000	55	53	\$12,076.59	\$11,637.44	
Replace lightning ground rod	25	2.00 Ea.	\$452.18	\$560.58	2.2000	2	2	\$1,121.16	\$1,121.16	
Replace lamp emergency lighting fixture	2	18.00 Ea.	\$984.41	\$1,185.76	27.5000	27	27	\$32,015.57	\$32,015.57	
Replace emergency lighting fixture	20	18.00 Ea.	\$10,842.63	\$12,775.71	2.7500	2	2	\$25,551.41	\$25,551.41	
Maintenance and repair exit light	20	10.00 Ea.	\$372.02	\$460.03	2.7500	2	2	\$920.06	\$920.06	
Replace lamp exit light	5	10.00 Ea.	\$168.47	\$199.63	11.0000	11	11	\$2,195.98	\$2,195.98	
Replace lighting fixture exit light	20	10.00 Ea.	\$1,910.35	\$2,297.61	2.7500	2	2	\$4,595.21	\$4,595.21	
Replace commercial dishwasher, 10 to 12 racks per hour	10	3.00 Ea.	\$15,868.58	\$18,333.20	5.5000	5	5	\$91,666.02	\$91,666.02	
Remove and replace dishwasher pump	15	3.00 Ea.	\$3,895.97	\$4,457.56	3.6667	3	3	\$13,372.69	\$13,372.69	
			\$1,988,693.80	\$2,348,198.93				MR Subtotal	\$7,554,651.30	
									MR Per Year	\$137,234.86
									PM Total	\$32,412.49
									Subtotal	\$169,647.35
									Total Per Unit	\$5.29

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SUC \$5.29

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 55

Type PM

Average Size 32050.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	6.00	1.56	\$87.55	\$64.50	\$0.00	\$152.05	\$180.15	\$212.63
Fire doors, swinging, annualized	6.00	2.35	\$85.93	\$87.34	\$0.00	\$173.27	\$208.07	\$247.16
Urinals, annualized	8.00	1.82	\$50.55	\$91.62	\$0.00	\$142.17	\$174.72	\$209.79
Toilet (vacuum breaker type), annualized	27.00	4.78	\$227.93	\$240.25	\$0.00	\$468.18	\$563.05	\$669.31
Lavatories, annualized	27.00	9.40	\$161.05	\$558.99	\$0.00	\$720.05	\$903.85	\$1,095.71
Showers, annualized	27.00	6.16	\$348.04	\$367.51	\$0.00	\$715.55	\$860.60	\$1,023.06
Drink fountain, annualized	4.00	2.48	\$82.90	\$125.10	\$0.00	\$208.00	\$253.82	\$303.79
Water heater, steam 2500 gal., annualized	1.00	1.55	\$143.56	\$77.97	\$0.00	\$221.53	\$259.28	\$304.20
Boiler, hot water, oil, gas, or comb. fired, over 1000 MBH, annualized	2.00	39.40	\$154.68	\$2,378.70	\$0.00	\$2,533.38	\$3,262.46	\$3,999.27
Deaerator tank, annualized	1.00	1.51	\$24.77	\$90.74	\$0.00	\$115.51	\$145.21	\$176.15
Air handling unit, 3 thru 24 tons, annualized	3.00	6.18	\$673.33	\$311.87	\$0.00	\$985.20	\$1,146.09	\$1,340.66
VAV Boxes, annualized	81.00	75.65	\$777.96	\$4,567.10	\$0.00	\$5,345.07	\$6,793.00	\$8,279.82
Package unit, air cooled, 25 thru 50 ton, annualized	3.00	9.75	\$530.77	\$586.75	\$0.00	\$1,117.52	\$1,346.62	\$1,602.26
Controls, central system, electro/pneumatic, annually	1.00	1.92	\$70.77	\$115.41	\$0.00	\$186.18	\$227.88	\$273.12
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Fire pump, electric motor driven, annualized	1.00	47.75	\$53.08	\$2,841.22	\$0.00	\$2,894.30	\$3,751.98	\$4,612.31
Panelboard, 225 A and above, annualized	4.00	1.76	\$92.79	\$116.03	\$0.00	\$208.82	\$252.91	\$301.64
Motor control center, over 400 A, annualized	2.00	0.78	\$46.39	\$51.80	\$0.00	\$98.19	\$118.37	\$140.87
Fire alarm annunciator system, annualized	1.00	11.05	\$179.39	\$652.68	\$0.00	\$832.07	\$1,045.82	\$1,268.53
Light, emergency, hardwired system, annualized	18.00	4.50	\$139.19	\$265.73	\$0.00	\$404.92	\$498.56	\$599.16
Dishwasher, electric, annualized	3.00	14.14	\$343.80	\$482.59	\$0.00	\$826.39	\$1,005.54	\$1,201.89
Disposal, garbage, electric, annualized	3.00	4.57	\$48.99	\$156.08	\$0.00	\$205.07	\$256.79	\$310.96
Oven, convection, gas / electric, annualized	3.00	33.73	\$123.77	\$1,148.16	\$0.00	\$1,271.93	\$1,628.75	\$1,991.77
Refrigerator, domestic, annualized	3.00	0.70	\$16.36	\$23.95	\$0.00	\$40.31	\$49.14	\$58.78
Refrigerator freezer, walk-in box w/external condenser, annualized	3.00	4.40	\$622.28	\$150.70	\$0.00	\$772.97	\$880.41	\$1,018.96
						\$21,385.26	\$26,770.03	\$32,412.49

FAC 7210 ENLISTED UPH
Modeled Component List
CostWorks Release 2021 Qtr 3

B10 Superstructure		
Concrete Stairs	340.0 S.F.	
Railing, Metal	60.0 L.F.	
B20 Exterior Enclosure		
Aluminum Window, Fixed, 2nd floor	32.0 Ea.	
Glazed Aluminum	2.0 Ea.	
Steel, Painted	4.0 Ea.	
B30 Roofing		
Metal Steep Roofing	94.0 Sq.	
C10 Interior Construction		
Concrete Block, Painted	363.94 C.S.F.	
Steel Painted Interior Doors	4.0 Ea.	
Solid Core Interior Doors	67.0 Ea.	
Hinges, Brass	23.5 Ea.	
Lockset, Brass	56.0 Ea.	
Fire Doors, Swinging, annualized	6.0 Each	
C30 Interior Finishes		
Vinyl Sheet	2460.0 S.Y.	
Carpet	520.0 S.Y.	
Acoustic Tile, fire-rated	171.5 C.S.F.	
D20 Plumbing		
Tankless Water Closet	27.0 Ea.	
Urinal	8.0 Ea.	
Lavatory, Vitreous China	27.0 Ea.	
Bathtub, Fiberglass	27.0 Ea.	
Water Heater, Gas / Oil, 1150 GPH	1.0 Ea.	
Circulation Pump, 1/2 HP	1.0 Ea.	
D30 HVAC		
Boiler, Gas, 2000 MBH	1.0 Ea.	
Metal Flue / Chimney, 6" diameter	1.0 L.F.	
Exhaust Fan, roof mounted exhaust fan, 2000 CFM exhaust	2.0 Ea.	
Circulator Pump, 1 H.P.	2.0 Ea.	
Single Zone Air Conditioner, 60 ton	3.0 Ea.	
Central Station Air Conditioning Air Handling Unit, 16,000 CFM	3.0 Ea.	
VAV Box	81.0 Each	
D40 Fire Protection		
Backflow Preventer	1.0 Ea.	
Sprinkler System, Fire Suppression, sprinkler head	78.0 Ea.	
Fire Pump Electric Motor	1.0 Ea.	
Fire Pump, Electric, annualized	1.0 Each	
D50 Electrical		
Motor Starter, Up To 600 V	1.0 Ea.	
Load Center, 100 A, maintenance & inspection	5.0 Ea.	
Circuit Breaker, molded case, 480 V, 1 pole	12.0 Ea.	
Smoke Detector	82.0 Ea.	
Manual Pull Station	12.0 Ea.	
Fire Alarm Control Panel	1.0 Ea.	
Fire Alarm Bell	6.0 Ea.	
Building Structure Ground	1.0 M.L.F.	
Lightning Protection System	2.0 M.L.F.	
Lightning Ground Rod	2.0 Ea.	
Emergency Lighting Fixture	18.0 Ea.	

Exit Light

10.0 Ea.

E10 Equipment

Dishwasher

3.0 Ea.

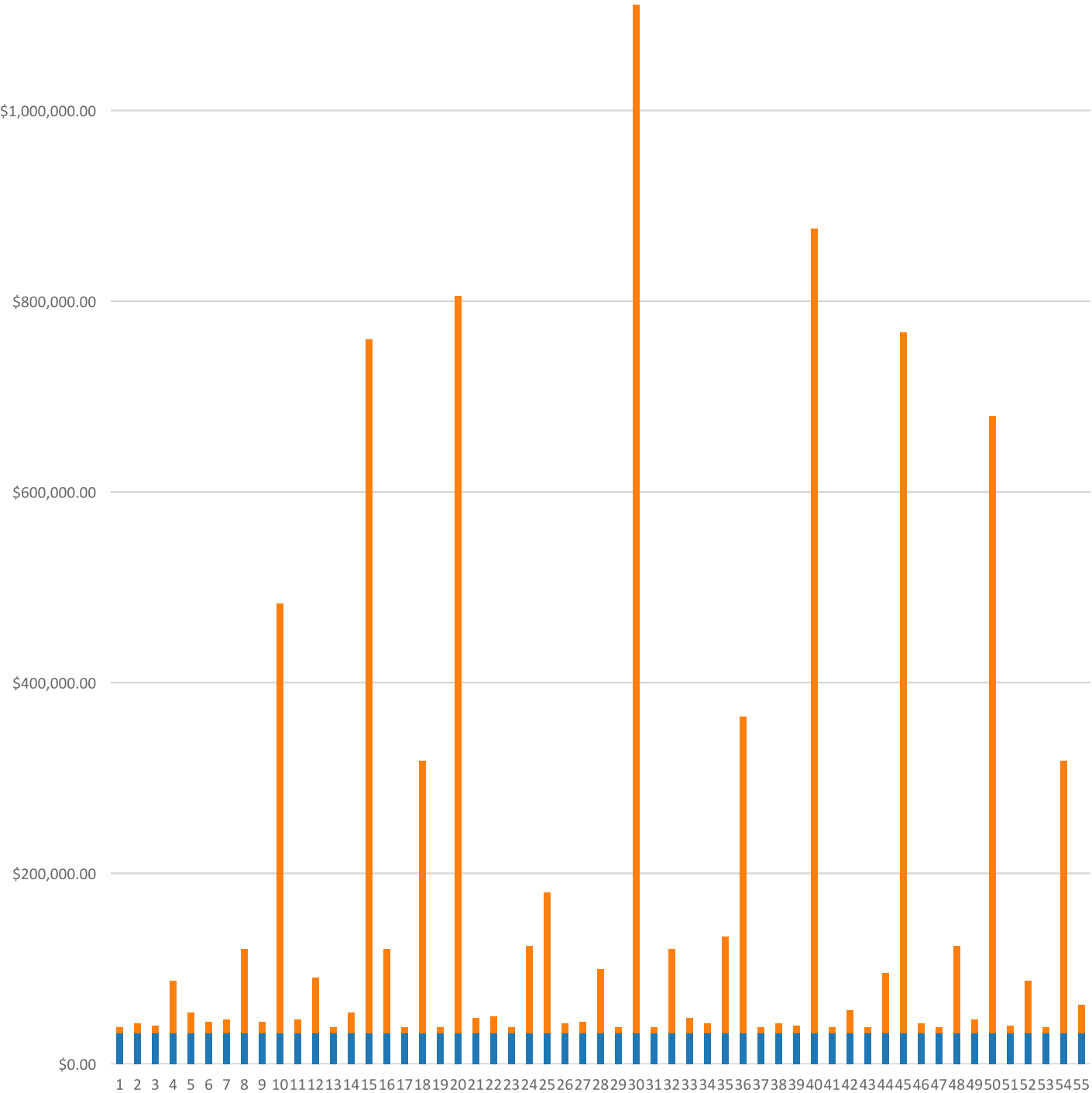
Garbage Disposal, annualized

3.0 Each

Refrigerator freezer, walk-in, annualized

3.0 Each

FAC 7210 ENLISTED UPH
Sustainment by Year
CostWorks Release 2021 Qtr 3



PM Cost
MR Cost