

FAC 7411 HOBBY AND CRAFT CENTER

FY22 SUC:	\$6.60 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 7411 HOBBY AND CRAFT CENTER

SUC \$6.60

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 50
Average Size 7351.0

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 clay brick wall, 1st floor	25	450.00 S.F.	\$19,339.48	\$23,735.01	2.0000	2	2	\$47,470.02	\$47,470.02
Replace clay brick wall, 2nd floor	75	11.10 C.S.F.	\$25,079.17	\$30,513.84	0.6667	0	0	\$0.00	\$0.00
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	4.68 S.F.	\$56.43	\$66.32	50.0000	50	50	\$3,316.16	\$3,316.16
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	79.20 Ea.	\$11,463.15	\$13,670.63	2.5000	2	2	\$27,341.26	\$27,341.26
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	88.00 Ea.	\$42,955.58	\$50,910.13	1.0000	1	1	\$50,910.13	\$50,910.13
Replace glass - 2nd floor (1% of glass) - alum. window fixed	1	3.96 S.F.	\$420.53	\$519.04	50.0000	50	50	\$25,951.97	\$25,951.97
Repair 2'-0" x 3'-0" aluminum window - 2nd floor	20	66.60 Ea.	\$12,741.87	\$15,348.36	2.5000	2	2	\$30,696.72	\$30,696.72
Replace 2'-0" x 3'-0" aluminum window - 2nd floor	50	74.00 Ea.	\$39,568.87	\$47,091.46	1.0000	1	1	\$47,091.46	\$47,091.46
Repair steel, painted, door	14	2.70 Ea.	\$1,687.70	\$2,008.82	3.5714	3	3	\$6,026.45	\$6,026.45
Refinish 3'-0" x 7'-0" steel, painted, door	4	2.70 Ea.	\$111.78	\$137.34	12.5000	12	12	\$1,648.07	\$1,648.07
Replace 3'-0" x 7'-0" steel, painted, door	45	2.70 Ea.	\$1,903.67	\$2,213.27	1.1111	1	1	\$2,213.27	\$2,213.27
Replace tempered glass - (3% of glass) steel painted door	1	0.03 S.F.	\$0.68	\$0.81	50.0000	50	50	\$40.50	\$40.50
Prepare and refinish 3'-0" x 7'-0" steel painted. door	4	0.90 Ea.	\$72.07	\$89.10	12.5000	12	12	\$1,069.22	\$1,069.22
Replace 3'-0" x 7'-0" steel, with wire glass, door	45	0.90 Ea.	\$1,047.93	\$1,223.20	1.1111	1	1	\$1,223.20	\$1,223.20
Repair 12' x 12' steel roll-up door	10	0.90 Ea.	\$608.31	\$722.00	5.0000	5	5	\$3,609.98	\$3,609.98
Refinish 12' x 12' steel roll-up door	5	0.90 Ea.	\$183.10	\$224.27	10.0000	10	10	\$2,242.70	\$2,242.70
Replace 12' x 12' steel roll-up door	35	0.90 Ea.	\$2,433.22	\$2,887.98	1.4286	1	1	\$2,887.98	\$2,887.98
Debris removal, byhand and visual inspection, metal panel roofing	1	6.66 M.S.F.	\$151.74	\$185.08	50.0000	50	50	\$9,253.99	\$9,253.99
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	132.30 S.F.	\$462.14	\$554.46	10.0000	10	10	\$5,544.65	\$5,544.65
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	5.94 S.F.	\$108.70	\$131.70	50.0000	50	50	\$6,585.22	\$6,585.22
Minor metal roof panel replacement, 2.5% of roof area	20	184.00 S.F.	\$2,102.68	\$2,497.26	2.5000	2	2	\$4,994.53	\$4,994.53
Total metal roof panel replacement	30	74.00 Sq.	\$62,540.85	\$74,075.20	1.6667	1	1	\$74,075.20	\$74,075.20
Repair 8" concrete block wall - (2% of walls) painted	25	0.54 C.S.F.	\$588.41	\$706.51	2.0000	2	2	\$1,413.02	\$1,413.02
Refinish concrete block wall painted	4	27.54 C.S.F.	\$2,779.30	\$3,384.34	12.5000	12	12	\$40,612.09	\$40,612.09
Replace 8" concrete block wall painted	75	30.60 C.S.F.	\$35,449.04	\$42,644.56	0.6667	0	0	\$0.00	\$0.00
Repair steel painted interior door	14	1.80 Ea.	\$528.21	\$614.82	3.5714	3	3	\$1,844.45	\$1,844.45
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.80 Ea.	\$94.65	\$116.62	12.5000	12	12	\$1,399.38	\$1,399.38

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Replace 3'-0" x 7'-0" steel painted interior door	60	2.00 Ea.	\$2,436.07	\$2,824.17	0.8333	0	0	\$0.00	\$0.00
Repair solid core wood door, interior	11	28.80 Ea.	\$8,451.43	\$9,837.04	4.5455	4	4	\$39,348.18	\$39,348.18
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	28.80 Ea.	\$1,248.90	\$1,533.59	12.5000	12	11	\$18,403.09	\$16,869.50
Replace 3'-0" x 7'-0" solid core wood door, interior	40	32.00 Ea.	\$15,661.67	\$18,105.92	1.2500	1	1	\$18,105.92	\$18,105.92
Repair concrete steps	15	26.00 S.F.	\$594.10	\$687.72	3.3333	3	3	\$2,063.15	\$2,063.15
Replace concrete steps	100	26.00 S.F.	\$1,389.93	\$1,695.00	0.5000	0	0	\$0.00	\$0.00
Refinish metal stair railing, interior	7	23.40 S.F.	\$34.20	\$42.17	7.1429	7	7	\$295.17	\$295.17
Replace metal stair railing, interior	45	23.40 L.F.	\$1,005.16	\$1,176.55	1.1111	1	1	\$1,176.55	\$1,176.55
Repair fabric wall finish fabric interior	9	215.37 S.Y.	\$6,542.13	\$7,845.94	5.5556	5	5	\$39,229.72	\$39,229.72
Replace fabric wall finish fabric interior	50	239.30 S.Y.	\$35,177.67	\$43,422.64	1.0000	1	1	\$43,422.64	\$43,422.64
Repair 5/8" drywall - (2% of walls)	20	220.95 S.F.	\$370.17	\$450.40	2.5000	2	2	\$900.81	\$900.81
Replace 5/8" drywall	75	12,275.00 S.F.	\$28,608.21	\$35,010.83	0.6667	0	0	\$0.00	\$0.00
Refinish concrete floor finished	25	21.96 C.S.F.	\$9,263.33	\$11,126.70	2.0000	2	2	\$22,253.40	\$22,253.40
Replace vinyl tile flooring	18	18.45 S.Y.	\$911.49	\$1,119.36	2.7778	2	2	\$2,238.72	\$2,238.72
Terrazzo floor repairs - (2% of floors)	15	8.82 S.F.	\$143.45	\$171.78	3.3333	3	3	\$515.33	\$515.33
Replace terrazzo floor	75	4.90 C.S.F.	\$7,624.63	\$9,104.25	0.6667	0	0	\$0.00	\$0.00
Repair gypsum board ceiling - (2% of ceilings)	20	0.08 C.S.F.	\$28.97	\$35.57	2.5000	2	2	\$71.14	\$71.14
Replace gypsum board ceiling, up to 12' high	40	4.32 C.S.F.	\$1,604.01	\$1,969.72	1.2500	1	1	\$1,969.72	\$1,969.72
Acoustic tile repairs - (2% of ceilings)	9	0.63 C.S.F.	\$571.85	\$664.60	5.5556	5	5	\$3,323.00	\$3,323.00
Replace acoustic tile ceiling, fire-rated	20	32.58 C.S.F.	\$17,079.37	\$20,130.73	2.5000	2	2	\$40,261.46	\$40,261.46
Replace flush valve diaphragm tankless water closet	10	8.00 Ea.	\$209.76	\$260.29	5.0000	5	5	\$1,301.43	\$1,301.43
Rebuild flush valve tankless water closet	20	8.00 Ea.	\$1,443.47	\$1,739.66	2.5000	2	2	\$3,479.31	\$3,479.31
Unplug clogged line tankless water closet	5	8.00 Ea.	\$1,747.16	\$2,185.01	10.0000	10	10	\$21,850.15	\$21,850.15
Replace tankless water closet	35	7.20 Ea.	\$9,260.79	\$10,717.17	1.4286	1	1	\$10,717.17	\$10,717.17
Replace tankless flush valve	25	8.00 Ea.	\$2,017.72	\$2,368.88	2.0000	2	2	\$4,737.77	\$4,737.77
Replace wax ring gasket for tankless water closet	5	8.00 Ea.	\$1,132.15	\$1,414.61	10.0000	10	10	\$14,146.12	\$14,146.12
Replace flush valve diaphragm for a urinal	7	3.00 Ea.	\$78.66	\$97.61	7.1429	7	7	\$683.25	\$683.25
Rebuild flush valve for a urinal	20	3.00 Ea.	\$541.30	\$652.37	2.5000	2	2	\$1,304.74	\$1,304.74
Unplug line urinal	5	3.00 Ea.	\$435.22	\$544.28	10.0000	10	10	\$5,442.84	\$5,442.84
Replace wall-hung urinal	35	3.00 Ea.	\$2,906.59	\$3,507.32	1.4286	1	1	\$3,507.32	\$3,507.32
Replace washer in spud connection lavatory, vitreous china	7	11.00 Ea.	\$181.09	\$220.88	7.1429	7	7	\$1,546.16	\$1,546.16
Replace washer in faucet lavatory, vitreous china	2	11.00 Ea.	\$141.73	\$176.57	25.0000	25	25	\$4,414.25	\$4,414.25
Replace faucets lavatory, vitreous china	10	11.00 Ea.	\$1,998.98	\$2,406.31	5.0000	5	5	\$12,031.55	\$12,031.55
Clean out strainer and P trap lavatory, vitreous china	2	11.00 Ea.	\$383.56	\$479.69	25.0000	25	25	\$11,992.18	\$11,992.18

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Replace lavatory, vitreous china	35	11.00 Ea.	\$7,398.32	\$8,890.43	1.4286	1	1	\$8,890.43	\$8,890.43
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$12.78	\$15.92	25.0000	25	25	\$397.90	\$397.90
Clean trap sink, iron enamel	3	1.00 Ea.	\$8.57	\$10.72	16.6667	16	16	\$171.50	\$171.50
Replace faucets sink, iron enamel	10	1.00 Ea.	\$181.73	\$218.76	5.0000	5	5	\$1,093.78	\$1,093.78
Unstop sink, iron enamel	2	1.00 Ea.	\$41.82	\$52.30	25.0000	25	25	\$1,307.56	\$1,307.56
Replace sink, P.E.C.I. sink, iron enamel kitchen	35	1.00 Ea.	\$636.70	\$757.51	1.4286	1	1	\$757.51	\$757.51
Check / minor repairs drinking fountain	1	2.00 Ea.	\$97.76	\$122.27	50.0000	50	50	\$6,113.26	\$6,113.26
Repair internal leaks drinking fountain	4	2.00 Ea.	\$90.16	\$112.76	12.5000	12	12	\$1,353.07	\$1,353.07
Correct water pressure drinking fountain	2	2.00 Ea.	\$83.64	\$104.60	25.0000	25	25	\$2,615.12	\$2,615.12
Replace refrigerant drinking fountain	2	2.00 Ea.	\$65.37	\$76.54	25.0000	25	25	\$1,913.46	\$1,913.46
Repair drain leak drinking fountain	4	2.00 Ea.	\$67.83	\$81.07	12.5000	12	10	\$972.83	\$810.69
Replace fountain drinking fountain	10	2.00 Ea.	\$2,562.31	\$3,029.12	5.0000	5	5	\$15,145.59	\$15,145.59
Inspect and clean spray heads, emergency eye wash	3	1.00 Ea.	\$49.39	\$61.77	16.6667	16	16	\$988.34	\$988.34
Replace eye wash station, emergency eye wash	25	1.00 Ea.	\$1,114.34	\$1,325.00	2.0000	2	2	\$2,649.99	\$2,649.99
Replace pipe and fittings, copper 3/4"	20	32.00 L.F.	\$833.73	\$1,004.24	2.5000	2	2	\$2,008.49	\$2,008.49
Replace pipe and fittings, copper 2"	25	16.00 L.F.	\$983.75	\$1,170.32	2.0000	2	2	\$2,340.64	\$2,340.64
Drain and flush water heater, electric, 120 gallon	7	1.00 Ea.	\$294.38	\$368.15	7.1429	7	7	\$2,577.08	\$2,577.08
Check operation water heater, electric, 120 gallon	3	1.00 Ea.	\$2.59	\$3.23	16.6667	16	16	\$51.73	\$51.73
Replace water heater, electric, 120 gallon	15	1.00 Ea.	\$14,632.58	\$16,736.89	3.3333	3	3	\$50,210.67	\$50,210.67
Unclog floor drain, PVC	20	1.00 Ea.	\$47.80	\$59.77	2.5000	2	2	\$119.55	\$119.55
Repair joint pipe and fittings, PVC	10	2.00 Ea.	\$302.58	\$376.00	5.0000	5	5	\$1,880.00	\$1,880.00
Replace pipe, 4" pipe and fittings, PVC	30	200.00 L.F.	\$16,317.79	\$20,076.83	1.6667	1	1	\$20,076.83	\$20,076.83
General maintenance & repair drain: roof, scupper, area	1	2.00 Ea.	\$73.98	\$92.51	50.0000	50	50	\$4,625.70	\$4,625.70
Replace drain: roof, scupper, area	40	2.00 Ea.	\$1,573.86	\$1,824.72	1.2500	1	1	\$1,824.72	\$1,824.72
Repair boiler, gas, 250 MBH	7	1.00 Ea.	\$2,031.05	\$2,390.45	7.1429	7	7	\$16,733.15	\$16,733.15
Replace boiler, gas, 250 MBH	30	1.00 Ea.	\$9,398.04	\$11,210.13	1.6667	1	1	\$11,210.13	\$11,210.13
Repair circulator pump, 1/12 - 3/4 H.P.	5	1.00 Ea.	\$98.13	\$115.73	10.0000	10	7	\$1,157.31	\$810.12
Replace circulator pump, 1/12 - 3/4 H.P.	15	1.00 Ea.	\$3,822.30	\$4,402.23	3.3333	3	3	\$13,206.68	\$13,206.68
Repair damaged pipe insulation, fiberglass 3/4"	5	4.00 Ea.	\$75.76	\$93.26	10.0000	10	10	\$932.64	\$932.64
Repair damaged pipe insulation, fiberglass 2"	5	2.00 Ea.	\$48.01	\$58.68	10.0000	10	10	\$586.76	\$586.76
Replace pipe insulation, fiberglass 3/4"	5	0.01 M.L.F.	\$75.57	\$92.78	10.0000	10	10	\$927.77	\$927.77
Replace pipe insulation, fiberglass 2"	5	0.01 M.L.F.	\$97.98	\$119.27	10.0000	10	10	\$1,192.68	\$1,192.68
Repair terminal reheat, 18" x 24" coil	10	4.00 Ea.	\$414.96	\$518.95	5.0000	5	5	\$2,594.74	\$2,594.74

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Replace terminal reheat, 18" x 24" coil	15	4.00 Ea.	\$8,036.02	\$9,249.48	3.3333	3	3	\$27,748.45	\$27,748.45
Repair single zone rooftop unit, 25 ton	10	1.00 Ea.	\$47,397.42	\$54,623.55	5.0000	5	4	\$273,117.75	\$218,494.20
Replace single zone rooftop unit, 25 ton	15	1.00 Ea.	\$51,343.17	\$59,585.52	3.3333	3	3	\$178,756.56	\$178,756.56
Repair central station A.H.U., 16,000 CFM	10	0.90 Ea.	\$1,352.54	\$1,571.43	5.0000	5	4	\$7,857.16	\$6,285.73
Replace central station A.H.U., 16,000 CFM	15	1.00 Ea.	\$66,939.65	\$77,045.08	3.3333	3	3	\$231,135.23	\$231,135.23
Rebuild 4" diameter reduced pressure backflow preventer	10	1.00 Ea.	\$664.67	\$779.78	5.0000	5	5	\$3,898.92	\$3,898.92
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	50.0000	50	50	\$2,146.43	\$2,146.43
Replace sprinkler head	20	20.00 Ea.	\$1,710.46	\$2,103.79	2.5000	2	2	\$4,207.58	\$4,207.58
Maintenance and repair motor starter, up to 600 V	5	2.00 Ea.	\$559.28	\$675.20	10.0000	10	10	\$6,751.96	\$6,751.96
Maintenance and inspection motor starter, up to 600 V	0.5	2.00 Ea.	\$107.96	\$135.26	100.0000	100	100	\$13,526.02	\$13,526.02
Replace starter motor starter, up to 600 V	18	1.80 Ea.	\$1,449.56	\$1,724.53	2.7778	2	2	\$3,449.07	\$3,449.07
Maintenance and inspection lighting panel, indoor	3	2.00 Ea.	\$81.29	\$101.84	16.6667	16	16	\$1,629.49	\$1,629.49
Replace load center, 100 A	20	1.80 Ea.	\$1,969.50	\$2,406.38	2.5000	2	2	\$4,812.75	\$4,812.75
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	42.00 Ea.	\$3,014.03	\$3,776.15	2.5000	2	2	\$7,552.29	\$7,552.29
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	42.00 Ea.	\$1,360.32	\$1,704.28	100.0000	100	100	\$170,427.80	\$170,427.80
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	42.00 Ea.	\$23,028.13	\$26,825.62	1.0000	1	1	\$26,825.62	\$26,825.62
Maintenance and repair breaker, molded case, 480 V, 2 pole	20	8.00 Ea.	\$574.10	\$719.27	2.5000	2	2	\$1,438.53	\$1,438.53
Maintenance and inspection circuit breaker, molded case, 480 V, 2 pole	0.5	8.00 Ea.	\$259.11	\$324.62	100.0000	100	100	\$32,462.44	\$32,462.44
Replace circuit breaker molded case, 480 V, 2 pole circuit breaker	50	8.00 Ea.	\$10,090.18	\$11,637.48	1.0000	1	1	\$11,637.48	\$11,637.48
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	1.00 Ea.	\$40.64	\$50.92	6.2500	6	6	\$305.53	\$305.53
Maintenance and inspection safety switch, 3 pole, heavy duty	1	1.00 Ea.	\$40.64	\$50.92	50.0000	50	50	\$2,546.07	\$2,546.07
Replace safety switch, heavy duty 30 A	25	1.00 Ea.	\$576.35	\$690.44	2.0000	2	2	\$1,380.88	\$1,380.88
Maintenance and repair incandescent lighting fixtures	10	5.40 Ea.	\$371.87	\$442.72	5.0000	5	3	\$2,213.60	\$1,328.16
Replace incandescent lighting fixture lamp	5	5.40 Ea.	\$62.00	\$74.89	10.0000	10	10	\$748.85	\$748.85
Replace incandescent lighting fixture	20	5.40 Ea.	\$758.48	\$916.74	2.5000	2	2	\$1,833.47	\$1,833.47
Replace fluorescent light fixture ballast, 80 W	10	22.50 Ea.	\$2,805.04	\$3,402.84	5.0000	5	3	\$17,014.19	\$10,208.51
Replace lamps (2 lamps), 4', 34 W energy saver	10	22.50 Ea.	\$567.32	\$710.53	5.0000	5	5	\$3,552.63	\$3,552.63
Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W	20	25.00 Ea.	\$5,685.93	\$6,935.38	2.5000	2	2	\$13,870.76	\$13,870.76
Replace metal halide ballast, 400 W	10	15.00 Ea.	\$2,639.28	\$3,156.03	5.0000	5	5	\$15,780.14	\$15,780.14

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Replace metal halide fixture lamp, 400 W	5	15.00 Ea.	\$995.83	\$1,197.10	10.0000	10	10	\$11,970.95	\$11,970.95	
Repair smoke detector	10	14.40 Ea.	\$811.98	\$1,003.88	5.0000	5	4	\$5,019.41	\$4,015.53	
Check operation smoke detector	1	16.00 Ea.	\$259.11	\$324.62	50.0000	50	50	\$16,231.22	\$16,231.22	
Replace smoke detector	15	14.40 Ea.	\$4,093.02	\$4,888.25	3.3333	3	3	\$14,664.75	\$14,664.75	
Check and repair manual pull station	10	1.80 Ea.	\$157.85	\$194.09	5.0000	5	4	\$970.47	\$776.38	
Replace manual pull station	15	1.80 Ea.	\$366.24	\$440.89	3.3333	3	3	\$1,322.68	\$1,322.68	
Minor repairs to fire alarm control panel	5	0.90 Ea.	\$134.74	\$164.05	10.0000	10	10	\$1,640.47	\$1,640.47	
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	100.0000	100	100	\$5,410.41	\$5,410.41	
Replace fire alarm control panel	15	0.90 Ea.	\$1,758.12	\$2,152.73	3.3333	3	3	\$6,458.19	\$6,458.19	
Replace fire alarm bell, 6"	20	3.60 Ea.	\$701.86	\$846.99	2.5000	2	2	\$1,693.98	\$1,693.98	
Maintenance and repair building structure ground	7	1.00 M.L.F.	\$87.89	\$109.79	7.1429	7	7	\$768.51	\$768.51	
Replace building structure ground	50	1.00 M.L.F.	\$4,337.42	\$5,318.61	1.0000	1	1	\$5,318.61	\$5,318.61	
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$96.72	\$119.83	50.0000	50	50	\$5,991.33	\$5,991.33	
Replace lightning protection general wiring system	25	0.90 M.L.F.	\$9,908.21	\$11,786.39	2.0000	2	2	\$23,572.78	\$23,572.78	
Maintenance and repair lightning ground rod	1	4.00 Ea.	\$351.56	\$439.15	50.0000	50	48	\$21,957.43	\$21,079.13	
Replace lightning ground rod	25	4.00 Ea.	\$904.36	\$1,121.16	2.0000	2	2	\$2,242.32	\$2,242.32	
Replace lamp emergency lighting fixture	2	20.00 Ea.	\$1,093.79	\$1,317.51	25.0000	25	25	\$32,937.83	\$32,937.83	
Replace emergency lighting fixture	20	20.00 Ea.	\$12,047.36	\$14,195.23	2.5000	2	2	\$28,390.46	\$28,390.46	
Maintenance and repair exit light	20	20.00 Ea.	\$744.03	\$920.06	2.5000	2	2	\$1,840.13	\$1,840.13	
Replace lamp exit light	5	18.00 Ea.	\$303.24	\$359.34	10.0000	10	10	\$3,593.42	\$3,593.42	
Replace lighting fixture exit light	20	20.00 Ea.	\$3,820.70	\$4,595.21	2.5000	2	2	\$9,190.43	\$9,190.43	
			\$765,776.23	\$908,582.97				MR Subtotal	\$2,110,629.63	
									MR Per Year	\$42,164.78
									PM Total	\$6,359.61
									Subtotal	\$48,524.39
									Total Per Unit	\$6.60

FAC 7411 HOBBY AND CRAFT CENTER

Release 2021 Qtr 3

Zip Code Prefix 222

Type PM

UM SF

Design Life 50

Average Size 7351.0

SUC \$6.60

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	4.00	1.04	\$58.37	\$43.00	\$0.00	\$101.37	\$120.10	\$141.76
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	2.00	8.14	\$81.92	\$337.62	\$0.00	\$419.54	\$529.02	\$642.60
Fire doors, swinging, annualized	2.00	0.78	\$28.64	\$29.12	\$0.00	\$57.76	\$69.36	\$82.39
Urinals, annualized	3.00	0.68	\$18.96	\$34.36	\$0.00	\$53.32	\$65.52	\$78.67
Toilet (vacuum breaker type), annualized	8.00	1.42	\$67.53	\$71.18	\$0.00	\$138.72	\$166.83	\$198.31
Lavatories, annualized	8.00	2.78	\$47.72	\$165.63	\$0.00	\$213.35	\$267.81	\$324.65
Drink fountain, annualized	2.00	1.24	\$41.45	\$62.55	\$0.00	\$104.00	\$126.91	\$151.90
Boiler, hot water, oil, gas, or comb. fired, 120 - 500 MBH, annualized	1.00	15.88	\$77.34	\$947.08	\$0.00	\$1,024.42	\$1,316.27	\$1,612.00
Chiller, recip., air cooled, up to 25 tons, annualized	1.00	9.72	\$99.58	\$585.87	\$0.00	\$685.45	\$871.17	\$1,061.86
Air handling unit, 3 thru 24 tons, annualized	1.00	2.06	\$224.44	\$103.96	\$0.00	\$328.40	\$382.03	\$446.89
Backflow prevention device, up to 4", annualized	1.00	0.33	\$13.40	\$19.82	\$0.00	\$33.22	\$40.50	\$48.46
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Light, emergency, hardwired system, annualized	12.00	3.00	\$92.79	\$177.16	\$0.00	\$269.95	\$332.37	\$399.44
						\$4,176.09	\$5,244.84	\$6,359.61

FAC 7411 HOBBY AND CRAFT CENTER

Modeled Component List

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B20 Exterior Enclosure	
Aluminum Window, Fixed, 1st floor	88.0 Ea.
Aluminum Window, Fixed, 2nd floor	74.0 Ea.
Steel, Painted	2.7 Ea.
Steel, Painted, w/ wire glass	0.9 Ea.
Steel Single, Roll-Up	0.9 Ea.
B30 Roofing	
Metal Steep Roofing	74.0 Sq.
C10 Interior Construction	
Concrete Block, Painted	27.54 C.S.F.
Steel Painted Interior Doors	2.0 Ea.
Solid Core Interior Doors	32.0 Ea.
Fire Doors, Swinging, annualized	2.0 Each
C20 Stairs	
Concrete Steps	26.0 S.F.
Metal Interior Stair Railing	23.4 L.F.
C30 Interior Finishes	
Fabric Interior Wall Finish	239.3 S.Y.
Drywall	12275.0 S.F.
Concrete, Finished	21.96 C.S.F.
Vinyl	18.45 S.Y.
Terrazzo	4.9 C.S.F.
Gypsum Wall Board	4.32 C.S.F.
Acoustic Tile, fire-rated	32.58 C.S.F.
D20 Plumbing	
Tankless Water Closet	7.2 Ea.
Urinal	3.0 Ea.
Lavatory, Vitreous China	11.0 Ea.
Sink, Iron Enamel	1.0 Ea.
Drinking Fountain	2.0 Ea.
Emergency Eye Wash	1.0 Ea.
Water Heater, Electric, 120 Gallon	1.0 Ea.
Drain: Roof, Scupper, Area	2.0 Ea.
D30 HVAC	
Boiler, Gas, 250 MBH	1.0 Ea.
Circulator Pump, 1/12 - 3/4 H.P.	1.0 Ea.
Terminal Reheat Coil, 18" x 24"	4.0 Ea.
Single Zone Air Conditioner, 25 ton	1.0 Ea.
Central Station Air Conditioning Air Handling Unit, 16,000 CFM	1.0 Ea.
D40 Fire Protection	
Backflow Preventer	1.0 Ea.
Sprinkler System, Fire Suppression, sprinkler head	20.0 Ea.
D50 Electrical	
Motor Starter, Up To 600 V	1.8 Ea.
Load Center, 100 A, maintenance & inspection	2.0 Ea.
Load Center, 100 A, replacement	1.8 Ea.
Circuit Breaker, molded case, 480 V, 1 pole	42.0 Ea.
Safety Switch, Heavy Duty	1.0 Ea.
Incandescent Lighting Fixtures	5.4 Ea.
Fluorescent Lighting Fixture	25.0 Ea.
Smoke Detector	14.4 Ea.
Manual Pull Station	1.8 Ea.

Fire Alarm Control Panel	0.9 Ea.
Fire Alarm Bell	3.6 Ea.
Building Structure Ground	1.0 M.L.F.
Lightning Protection System	0.9 M.L.F.
Lightning Ground Rod	4.0 Ea.
Emergency Lighting Fixture	20.0 Ea.
Exit Light	20.0 Ea.

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Sustainment by Year
CostWorks Release 2021 Qtr 3

