

FAC 7362 RELIGIOUS EDUCATION FACILITY

FY24 SUC:	\$4.99 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 7362 RELIGIOUS EDUCATION FACILITY

SUC \$4.99

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 50
Average Size 7000.331578

Adjusted Occurences 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
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.00 Ea.	\$57.65	\$70.88	12.5000	12	12	\$850.53	\$850.53
Waterproof concrete block wall, 1st floor	10	16.00 C.S.F.	\$4,135.62	\$4,905.78	5.0000	5	5	\$24,528.92	\$24,528.92
Point and refinish painted concrete block wall, 1st floor	25	16.00 C.S.F.	\$8,270.87	\$10,193.80	2.0000	2	2	\$20,387.60	\$20,387.60
Repair clay brick wall, 1st floor	25	83.00 S.F.	\$3,755.68	\$4,616.33	2.0000	2	2	\$9,232.66	\$9,232.66
Replace clay brick wall, 2nd floor	75	8.30 C.S.F.	\$19,733.20	\$24,046.05	0.6667	0	0	\$0.00	\$0.00
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	7.20 S.F.	\$94.67	\$111.17	50.0000	50	50	\$5,558.58	\$5,558.58
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	22.00 Ea.	\$3,438.89	\$4,097.97	2.5000	2	2	\$8,195.94	\$8,195.94
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	22.00 Ea.	\$14,905.89	\$17,496.67	1.0000	1	1	\$17,496.67	\$17,496.67
Replace glass - 2nd floor (1% of glass) - alum. window fixed	1	2.30 S.F.	\$260.61	\$321.72	50.0000	50	50	\$16,086.00	\$16,086.00
Repair 2'-0" x 3'-0" aluminum window - 2nd floor	20	26.00 Ea.	\$5,366.24	\$6,460.75	2.5000	2	2	\$12,921.50	\$12,921.50
Replace 2'-0" x 3'-0" aluminum window - 2nd floor	50	26.00 Ea.	\$18,918.14	\$22,295.57	1.0000	1	1	\$22,295.57	\$22,295.57
Repair aluminum storefront door	12	2.00 Ea.	\$1,020.45	\$1,219.37	4.1667	4	4	\$4,877.48	\$4,877.48
Replace 3'-0" x 7'-0" aluminum storefront doors	50	2.00 Ea.	\$4,818.39	\$5,676.62	1.0000	1	1	\$5,676.62	\$5,676.62
Repair steel, painted, door	14	2.00 Ea.	\$1,404.67	\$1,668.39	3.5714	3	3	\$5,005.16	\$5,005.16
Refinish 3'-0" x 7'-0" steel, painted, door	4	2.00 Ea.	\$92.11	\$112.79	12.5000	12	12	\$1,353.51	\$1,353.51
Replace 3'-0" x 7'-0" steel, painted, door	45	2.00 Ea.	\$1,834.22	\$2,123.85	1.1111	1	1	\$2,123.85	\$2,123.85
Replace tempered glass - (3% of glass) steel painted door	1	1.26 S.F.	\$39.99	\$47.20	50.0000	50	50	\$2,360.21	\$2,360.21
Prepare and refinish 3'-0" x 7'-0" steel painted. door	4	2.00 Ea.	\$173.66	\$214.32	12.5000	12	12	\$2,571.85	\$2,571.85
Replace 3'-0" x 7'-0" steel, with wire glass, door	45	2.00 Ea.	\$3,469.48	\$4,019.33	1.1111	1	1	\$4,019.33	\$4,019.33
Debris removal and visual inspection of built-up roofing	0.5	2.41 M.S.F.	\$97.74	\$119.21	100.0000	100	100	\$11,920.84	\$11,920.84
Non-destructive moisture inspection of built-up roofing	5	2.41 M.S.F.	\$304.51	\$371.41	10.0000	10	10	\$3,714.11	\$3,714.11
Minor BUR membrane repairs, 2% of roof area	1	0.48 Sq.	\$256.43	\$304.05	50.0000	50	50	\$15,202.31	\$15,202.31
BUR flashing repairs, 2 S.F. per sq. repaired	1	0.96 S.F.	\$3.65	\$4.43	50.0000	50	50	\$221.70	\$221.70
Minor BUR membrane replacement, 25% of roof area	15	6.03 Sq.	\$5,517.91	\$6,534.59	3.3333	3	3	\$19,603.78	\$19,603.78
Total BUR roof replacement	28	37.00 Sq.	\$32,382.42	\$38,233.15	1.7857	1	1	\$38,233.15	\$38,233.15
Debris removal by hand & visual inspection,modified bitum/thermoplstc	1	1.21 M.S.F.	\$48.87	\$59.60	50.0000	50	50	\$2,980.21	\$2,980.21
Non-destructive moisture inspection, modified bituminous/thermoplastic	5	1.21 M.S.F.	\$152.25	\$185.71	10.0000	10	10	\$1,857.06	\$1,857.06

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Minor thermoplastic membrane repairs, 2% of roof area	1	0.24 Sq.	\$78.22	\$93.40	50.0000	50	50	\$4,670.07	\$4,670.07
Flashing repairs, 2 S.F. per sq. repaired, modified bitumen/thermoplastic	1	0.48 S.F.	\$1.90	\$2.28	50.0000	50	50	\$114.12	\$114.12
Membrane replacement-(25% of roof area),modified bitum/thermoplastic	20	3.02 Sq.	\$2,555.12	\$3,050.95	2.5000	2	2	\$6,101.91	\$6,101.91
Total roof replacement, modified bituminous / thermoplastic	25	12.06 Sq.	\$8,224.43	\$9,762.81	2.0000	2	2	\$19,525.62	\$19,525.62
Repair 8" concrete block wall - (2% of walls) painted	25	0.26 C.S.F.	\$291.95	\$351.16	2.0000	2	2	\$702.32	\$702.32
Refinish concrete block wall painted	4	12.77 C.S.F.	\$1,515.68	\$1,832.41	12.5000	12	12	\$21,988.90	\$21,988.90
Replace 8" concrete block wall painted	75	12.77 C.S.F.	\$15,554.85	\$18,744.84	0.6667	0	0	\$0.00	\$0.00
Repair steel painted interior door	14	0.10 Ea.	\$27.90	\$32.57	3.5714	3	3	\$97.70	\$97.70
Replace 3'-0" x 7'-0" steel painted interior door	60	1.00 Ea.	\$1,279.55	\$1,483.92	0.8333	0	0	\$0.00	\$0.00
Replace 3'-0" x 7'-0" solid core wood door, interior	40	21.00 Ea.	\$11,897.55	\$13,736.05	1.2500	1	1	\$13,736.05	\$13,736.05
Repair solid core sliding wood door, interior	14	21.00 Ea.	\$1,286.31	\$1,546.42	3.5714	3	3	\$4,639.25	\$4,639.25
Repair concrete steps	15	1.70 S.F.	\$53.17	\$61.28	3.3333	3	3	\$183.85	\$183.85
Replace concrete steps	100	17.00 S.F.	\$972.24	\$1,185.89	0.5000	0	0	\$0.00	\$0.00
Replace metal stair railing, interior	45	19.00 L.F.	\$886.18	\$1,037.03	1.1111	1	1	\$1,037.03	\$1,037.03
Repair fabric wall finish fabric interior	9	27.00 S.Y.	\$850.38	\$1,022.27	5.5556	5	5	\$5,111.37	\$5,111.37
Replace fabric wall finish fabric interior	50	27.00 S.Y.	\$4,208.92	\$5,199.34	1.0000	1	1	\$5,199.34	\$5,199.34
Repair 5/8" drywall - (2% of walls)	20	175.30 S.F.	\$292.91	\$357.96	2.5000	2	2	\$715.92	\$715.92
Refinish drywall	4	5,762.00 S.F.	\$3,904.56	\$4,796.74	12.5000	12	12	\$57,560.91	\$57,560.91
Replace 5/8" drywall	75	4,764.00 S.F.	\$11,256.46	\$13,823.10	0.6667	0	0	\$0.00	\$0.00
Refinish concrete floor finished	25	3.38 C.S.F.	\$1,408.03	\$1,698.85	2.0000	2	2	\$3,397.70	\$3,397.70
Ceramic tile floor repairs - (2% of floors)	15	2.10 C.S.F.	\$1,415.44	\$1,764.94	3.3333	3	3	\$5,294.82	\$5,294.82
Replace 2" x 2" thin set ceramic tile floor	50	9.29 C.S.F.	\$12,407.26	\$14,954.89	1.0000	1	1	\$14,954.89	\$14,954.89
Replace carpet	8	258.00 S.Y.	\$13,931.11	\$16,110.16	6.2500	6	6	\$96,660.95	\$96,660.95
Repair plaster ceiling - (2% of ceilings)	12	5.36 S.Y.	\$313.60	\$384.03	4.1667	4	4	\$1,536.13	\$1,536.13
Repair gypsum board ceiling - (2% of ceilings)	20	0.04 C.S.F.	\$16.52	\$20.29	2.5000	2	2	\$40.58	\$40.58
Refinish gypsum board ceiling, up to 12' high	20	2.17 C.S.F.	\$314.89	\$387.41	2.5000	2	1	\$774.81	\$387.41
Replace gypsum board ceiling, up to 12' high	40	2.17 C.S.F.	\$855.22	\$1,050.47	1.2500	1	1	\$1,050.47	\$1,050.47
Replace acoustic tile ceiling, fire-rated	20	21.94 C.S.F.	\$11,429.16	\$13,508.40	2.5000	2	2	\$27,016.80	\$27,016.80
Replace flush valve diaphragm tankless water closet	10	8.00 Ea.	\$218.11	\$270.85	5.0000	5	5	\$1,354.24	\$1,354.24
Rebuild flush valve tankless water closet	20	8.00 Ea.	\$1,535.05	\$1,850.15	2.5000	2	2	\$3,700.30	\$3,700.30
Unplug clogged line tankless water closet	5	8.00 Ea.	\$1,839.43	\$2,302.65	10.0000	10	10	\$23,026.53	\$23,026.53
Replace tankless water closet	35	8.00 Ea.	\$11,332.44	\$13,106.57	1.4286	1	1	\$13,106.57	\$13,106.57
Replace tankless flush valve	25	8.00 Ea.	\$2,161.94	\$2,537.74	2.0000	2	2	\$5,075.48	\$5,075.48

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Replace wax ring gasket for tankless water closet	5	8.00 Ea.	\$1,193.32	\$1,492.43	10.0000	10	10	\$14,924.28	\$14,924.28
Replace flush valve diaphragm for a urinal	7	3.00 Ea.	\$81.79	\$101.57	7.1429	7	7	\$710.98	\$710.98
Rebuild flush valve for a urinal	20	3.00 Ea.	\$575.64	\$693.81	2.5000	2	2	\$1,387.61	\$1,387.61
Unplug line urinal	5	3.00 Ea.	\$457.93	\$573.24	10.0000	10	10	\$5,732.45	\$5,732.45
Replace wall-hung urinal	35	3.00 Ea.	\$3,262.56	\$3,924.14	1.4286	1	1	\$3,924.14	\$3,924.14
Replace washer in spud connection lavatory, vitreous china	7	6.00 Ea.	\$103.93	\$126.84	7.1429	7	7	\$887.91	\$887.91
Replace washer in faucet lavatory, vitreous china	2	6.00 Ea.	\$81.40	\$101.50	25.0000	25	25	\$2,537.58	\$2,537.58
Replace faucets lavatory, vitreous china	10	6.00 Ea.	\$1,172.83	\$1,410.73	5.0000	5	5	\$7,053.64	\$7,053.64
Clean out strainer and P trap lavatory, vitreous china	2	6.00 Ea.	\$220.91	\$276.54	25.0000	25	25	\$6,913.60	\$6,913.60
Replace lavatory, vitreous china	35	6.00 Ea.	\$4,312.34	\$5,180.44	1.4286	1	1	\$5,180.44	\$5,180.44
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$13.45	\$16.77	25.0000	25	25	\$419.23	\$419.23
Clean trap sink, iron enamel	3	1.00 Ea.	\$9.01	\$11.27	16.6667	16	16	\$180.39	\$180.39
Replace faucets sink, iron enamel	10	1.00 Ea.	\$195.47	\$235.12	5.0000	5	5	\$1,175.61	\$1,175.61
Unstop sink, iron enamel	2	1.00 Ea.	\$44.01	\$55.09	25.0000	25	25	\$1,377.35	\$1,377.35
Replace sink, P.E.C.I. sink, iron enamel kitchen	10	1.00 Ea.	\$1,208.43	\$1,409.28	5.0000	5	5	\$7,046.38	\$7,046.38
Check / minor repairs drinking fountain	1	2.00 Ea.	\$103.05	\$129.00	50.0000	50	50	\$6,450.01	\$6,450.01
Repair internal leaks drinking fountain	4	2.00 Ea.	\$95.54	\$119.59	12.5000	12	12	\$1,435.13	\$1,435.13
Correct water pressure drinking fountain	2	2.00 Ea.	\$88.02	\$110.19	25.0000	25	25	\$2,754.69	\$2,754.69
Replace refrigerant drinking fountain	2	2.00 Ea.	\$70.81	\$82.86	25.0000	25	25	\$2,071.49	\$2,071.49
Repair drain leak drinking fountain	4	2.00 Ea.	\$58.19	\$70.38	12.5000	12	10	\$844.54	\$703.79
Replace fountain drinking fountain	10	2.00 Ea.	\$3,241.63	\$3,808.60	5.0000	5	5	\$19,043.01	\$19,043.01
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	16.00 L.F.	\$157.93	\$193.51	3.3333	3	3	\$580.53	\$580.53
Overhaul water heater, gas / oil, 70 gallon	5	1.00 Ea.	\$172.87	\$216.40	10.0000	10	10	\$2,163.98	\$2,163.98
Clean & service water heater, gas / oil, 70 gallon	1	1.00 Ea.	\$206.10	\$258.00	50.0000	50	50	\$12,900.02	\$12,900.02
Replace water heater, gas / oil, 70 gallon	12	1.00 Ea.	\$3,214.32	\$3,737.78	4.1667	4	4	\$14,951.13	\$14,951.13
Inspect / check pump / motor operation, lubricate circulation pump, 1/12 HP	0.5	1.00 Ea.	\$8.44	\$10.56	100.0000	100	100	\$1,056.19	\$1,056.19
Replace pump / motor assembly circulation pump, 1/12 HP	10	1.00 Ea.	\$1,218.91	\$1,426.89	5.0000	5	5	\$7,134.47	\$7,134.47
Unclog main drain pipe & fittings, cast iron	10	0.50 Ea.	\$24.42	\$30.57	5.0000	5	5	\$152.85	\$152.85
Unclog floor drain, PVC	20	1.00 Ea.	\$50.45	\$63.16	2.5000	2	2	\$126.31	\$126.31
General maintenance & repair drain: roof, scupper, area	1	1.00 Ea.	\$39.18	\$49.05	50.0000	50	50	\$2,452.35	\$2,452.35
Replace drain: roof, scupper, area	40	1.00 Ea.	\$1,130.37	\$1,303.85	1.2500	1	1	\$1,303.85	\$1,303.85
Repair boiler, gas, 250 MBH	7	1.00 Ea.	\$2,758.88	\$3,222.41	7.1429	7	7	\$22,556.86	\$22,556.86
Replace boiler, gas, 250 MBH	30	1.00 Ea.	\$9,616.21	\$11,488.35	1.6667	1	1	\$11,488.35	\$11,488.35
Repair circulator pump, 1/12 - 3/4 H.P.	5	1.00 Ea.	\$103.47	\$122.05	10.0000	10	7	\$1,220.52	\$854.36

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Replace circulator pump, 1/12 - 3/4 H.P.	15	1.00 Ea.	\$3,796.05	\$4,376.03	3.3333	3	3	\$13,128.10	\$13,128.10
Repair terminal reheat, 12" x 24" coil	10	1.00 Ea.	\$93.39	\$116.91	5.0000	5	4	\$584.53	\$467.63
Replace terminal reheat, 12" x 24" coil	15	1.00 Ea.	\$1,989.29	\$2,281.38	3.3333	3	3	\$6,844.13	\$6,844.13
Repair single zone rooftop unit, 25 ton	10	1.00 Ea.	\$54,305.81	\$62,518.61	5.0000	5	4	\$312,593.03	\$250,074.42
Replace single zone rooftop unit, 25 ton	15	1.00 Ea.	\$52,455.46	\$60,922.27	3.3333	3	3	\$182,766.81	\$182,766.81
Inspect sprinkler system	1	1.00 Ea.	\$36.17	\$45.28	50.0000	50	50	\$2,264.22	\$2,264.22
Replace sprinkler head	20	24.00 Ea.	\$2,103.55	\$2,595.65	2.5000	2	2	\$5,191.29	\$5,191.29
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$748.17	\$896.73	50.0000	50	50	\$44,836.44	\$44,836.44
Maintenance and repair motor starter, up to 600 V	5	1.00 Ea.	\$262.82	\$319.49	10.0000	10	10	\$3,194.94	\$3,194.94
Maintenance and inspection motor starter, up to 600 V	0.5	1.00 Ea.	\$56.88	\$71.26	100.0000	100	100	\$7,126.27	\$7,126.27
Replace starter motor starter, up to 600 V	18	1.00 Ea.	\$841.02	\$1,000.75	2.7778	2	2	\$2,001.49	\$2,001.49
Maintenance and inspection lighting panel, indoor	3	3.00 Ea.	\$127.03	\$159.15	16.6667	16	16	\$2,546.45	\$2,546.45
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	8.00 Ea.	\$606.72	\$760.14	2.5000	2	2	\$1,520.27	\$1,520.27
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	8.00 Ea.	\$273.03	\$342.06	100.0000	100	100	\$34,206.11	\$34,206.11
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	8.00 Ea.	\$6,307.41	\$7,299.30	1.0000	1	1	\$7,299.30	\$7,299.30
Maintenance and repair incandescent lighting fixtures	10	4.00 Ea.	\$269.34	\$321.79	5.0000	5	5	\$1,608.95	\$1,608.95
Replace incandescent lighting fixture lamp	5	4.00 Ea.	\$51.36	\$61.81	10.0000	10	10	\$618.15	\$618.15
Replace fluorescent light fixture ballast, 80 W	10	34.00 Ea.	\$3,556.61	\$4,385.69	5.0000	5	5	\$21,928.44	\$21,928.44
Replace lamps (2 lamps), 4', 34 W energy saver	10	34.00 Ea.	\$900.51	\$1,127.74	5.0000	5	5	\$5,638.72	\$5,638.72
Repair smoke detector	10	10.00 Ea.	\$580.10	\$718.33	5.0000	5	4	\$3,591.63	\$2,873.30
Check operation smoke detector	1	10.00 Ea.	\$170.01	\$213.00	50.0000	50	50	\$10,649.82	\$10,649.82
Replace smoke detector	15	10.00 Ea.	\$3,025.52	\$3,612.18	3.3333	3	3	\$10,836.55	\$10,836.55
Check and repair manual pull station	10	6.00 Ea.	\$539.30	\$664.48	5.0000	5	4	\$3,322.41	\$2,657.92
Replace manual pull station	15	6.00 Ea.	\$1,252.55	\$1,510.58	3.3333	3	3	\$4,531.73	\$4,531.73
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.42	\$182.60	10.0000	10	10	\$1,825.95	\$1,825.95
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$45.50	\$57.01	100.0000	100	100	\$5,701.02	\$5,701.02
Replace fire alarm control panel	15	1.00 Ea.	\$2,196.12	\$2,675.47	3.3333	3	3	\$8,026.42	\$8,026.42
Replace fire alarm bell, 6"	20	2.00 Ea.	\$361.21	\$439.54	2.5000	2	2	\$879.09	\$879.09
Maintenance and repair of general wiring lightning protection system	1	0.50 M.L.F.	\$54.75	\$67.44	50.0000	50	50	\$3,372.17	\$3,372.17
Replace lightning protection general wiring system	25	0.50 M.L.F.	\$6,274.18	\$7,437.71	2.0000	2	2	\$14,875.43	\$14,875.43
Maintenance and repair lightning ground rod	1	2.00 Ea.	\$184.57	\$230.64	50.0000	50	48	\$11,532.16	\$11,070.87
Replace lightning ground rod	25	2.00 Ea.	\$491.21	\$607.34	2.0000	2	2	\$1,214.69	\$1,214.69
Replace lamp emergency lighting fixture	2	6.00 Ea.	\$326.96	\$395.13	25.0000	25	25	\$9,878.26	\$9,878.26

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Replace emergency lighting fixture	20	6.00 Ea.	\$3,448.83	\$4,079.24	2.5000	2	2	\$8,158.48	\$8,158.48	
Maintenance and repair exit light	20	6.00 Ea.	\$230.94	\$286.02	2.5000	2	2	\$572.05	\$572.05	
Replace lamp exit light	5	6.00 Ea.	\$98.08	\$116.63	10.0000	10	10	\$1,166.32	\$1,166.32	
Replace lighting fixture exit light	20	6.00 Ea.	\$1,056.39	\$1,281.04	2.5000	2	2	\$2,562.08	\$2,562.08	
			\$439,428.76	\$519,806.96				MR Subtotal	\$1,461,007.61	
									MR Per Year	\$29,155.70
									PM Total	\$5,744.89
									Subtotal	\$34,900.59
									Total Per Unit	\$4.99

FAC 7362 RELIGIOUS EDUCATION FACILITY

Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 50

Type PM

Average Size 7000.331578

SUC \$4.99

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	\$67.05	\$45.93	\$0.00	\$112.99	\$133.47	\$157.31
Fire doors, swinging, annualized	1.00	0.39	\$15.67	\$15.46	\$0.00	\$31.12	\$37.32	\$44.31
Urinals, annualized	3.00	0.68	\$19.89	\$36.49	\$0.00	\$56.38	\$69.32	\$83.25
Toilet (vacuum breaker type), annualized	6.00	1.06	\$53.13	\$56.77	\$0.00	\$109.90	\$132.24	\$157.24
Lavatories, annualized	6.00	2.09	\$46.75	\$130.80	\$0.00	\$177.55	\$221.47	\$267.72
Drink fountain, annualized	2.00	1.24	\$74.89	\$66.27	\$0.00	\$141.16	\$168.53	\$199.65
Boiler, hot water, oil, gas, or comb. fired, up to 120 MBH, annualized	1.00	12.53	\$88.55	\$793.52	\$0.00	\$882.07	\$1,128.98	\$1,380.32
Air handling unit, 3 thru 24 tons, annualized	1.00	2.06	\$159.90	\$109.87	\$0.00	\$269.77	\$318.72	\$375.67
VAV Boxes, annualized	6.00	5.60	\$65.27	\$353.16	\$0.00	\$418.43	\$530.91	\$646.65
Package unit, air cooled, 3 thru 24 ton, annualized	1.00	2.40	\$166.98	\$151.73	\$0.00	\$318.71	\$380.92	\$451.49
Controls, central system, electro/pneumatic, annualized	1.00	1.92	\$169.00	\$121.21	\$0.00	\$290.21	\$343.47	\$405.19
Backflow prevention device, up to 4", annualized	1.00	0.33	\$14.02	\$20.93	\$0.00	\$34.94	\$42.62	\$51.01
Extinguishing system, wet pipe, annualized	1.00	11.34	\$49.59	\$710.68	\$0.00	\$760.27	\$978.43	\$1,199.07
Light, emergency, hardwired system, annualized	6.00	1.50	\$53.88	\$94.65	\$0.00	\$148.53	\$182.31	\$218.78
Disposal, garbage, electric, annualized	1.00	1.52	\$15.68	\$54.78	\$0.00	\$70.46	\$88.46	\$107.25
						\$3,822.49	\$4,757.19	\$5,744.89

FAC 7362 RELIGIOUS EDUCATION FACILITY

Modeled Component List

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B20 Exterior Enclosure	
Aluminum Window, Fixed, 1st floor	22.0 Ea.
Aluminum Window, Fixed, 2nd floor	26.0 Ea.
Glazed Aluminum	2.0 Ea.
Steel, Painted	2.0 Ea.
Steel, Painted, w/ wire glass	2.0 Ea.
B30 Roofing	
Built-Up Roofing	37.0 Sq.
Modified Bituminous / Thermoplastic	12.06 Sq.
C10 Interior Construction	
Concrete Block, Painted	12.77 C.S.F.
Steel Painted Interior Doors	1.0 Ea.
Solid Core Interior Doors	21.0 Ea.
Fire Doors, Swinging, annualized	1.0 Each
C20 Stairs	
Concrete Steps	17.0 S.F.
Metal Interior Stair Railing	19.0 L.F.
C30 Interior Finishes	
Fabric Interior Wall Finish	27.0 S.Y.
Drywall	4764.0 S.F.
Concrete, Finished	3.38 C.S.F.
Carpet	258.0 S.Y.
Gypsum Wall Board	2.17 C.S.F.
Acoustic Tile, fire-rated	21.94 C.S.F.
D20 Plumbing	
Tankless Water Closet	8.0 Ea.
Urinal	3.0 Ea.
Lavatory, Vitreous China	6.0 Ea.
Sink, Iron Enamel	1.0 Ea.
Drinking Fountain	2.0 Ea.
Water Heater, Gas / Oil, 70 Gallon	1.0 Ea.
Circulation Pump, 1/12 HP	1.0 Ea.
Drain: Roof, Scupper, Area	1.0 Ea.
D30 HVAC	
Boiler, Gas, 250 MBH	1.0 Ea.
Circulator Pump, 1/12 - 3/4 H.P.	1.0 Ea.
Terminal Reheat Coil, 12" x 24"	1.0 Ea.
Single Zone Air Conditioner, 25 ton	1.0 Ea.
VAV Box	6.0 Each
D40 Fire Protection	
Sprinkler System, Fire Supression, sprinkler head	24.0 Ea.
Sprinkler System, Fire Supression , 3" backflow preventer	1.0 Ea.
D50 Electrical	
Motor Starter, Up To 600 V	1.0 Ea.
Load Center, 100 A, maintenance & inspection	3.0 Ea.
Circuit Breaker, molded case, 480 V, 1 pole	8.0 Ea.
Smoke Detector	10.0 Ea.
Manual Pull Station	6.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Fire Alarm Bell	2.0 Ea.
Lightning Protection System	0.5 M.L.F.
Lightning Ground Rod	2.0 Ea.

Emergency Lighting Fixture	6.0 Ea.
Exit Light	6.0 Ea.
E10 Equipment	
Garbage Disposal, annualized	1.0 Each

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Sustainment by Year
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