

FAC 7361 CHAPEL FACILITY

FY22 SUC:	\$4.95 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 7361 CHAPEL FACILITY

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 50
Average Size 8302.0

SUC \$4.95

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
Replace 3'-0" x 7'-0" solid core wood door, interior	40	4.00 Ea.	\$1,957.71	\$2,263.24	1.2500	1	1	\$2,263.24	\$2,263.24
Replace 3'-0" x 7'-0" solid core, w/ safety glass, door, interior	40	4.00 Ea.	\$2,335.79	\$2,692.88	1.2500	1	1	\$2,692.88	\$2,692.88
Repair concrete steps	15	25.00 S.F.	\$571.25	\$661.27	3.3333	3	3	\$1,983.80	\$1,983.80
Replace concrete steps	100	25.00 S.F.	\$1,336.47	\$1,629.81	0.5000	0	0	\$0.00	\$0.00
Repair 5/8" drywall - (2% of walls)	20	331.60 S.F.	\$555.54	\$675.96	2.5000	2	2	\$1,351.92	\$1,351.92
Replace vinyl tile flooring	18	660.00 S.Y.	\$32,606.30	\$40,042.23	2.7778	2	2	\$80,084.46	\$80,084.46
Ceramic tile floor repairs - (2% of floors)	15	0.09 C.S.F.	\$56.95	\$71.01	3.3333	3	3	\$213.03	\$213.03
Replace 2" x 2" thin set ceramic tile floor	50	4.60 C.S.F.	\$5,628.76	\$6,794.63	1.0000	1	1	\$6,794.63	\$6,794.63
Replace carpet	8	134.00 S.Y.	\$7,372.19	\$8,513.94	6.2500	6	6	\$51,083.67	\$51,083.67
Acoustic tile repairs - (2% of ceilings)	9	1.20 C.S.F.	\$1,089.24	\$1,265.91	5.5556	5	5	\$6,329.53	\$6,329.53
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	8.00 Ea.	\$10,289.77	\$11,907.96	1.4286	1	1	\$11,907.96	\$11,907.96
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	2.00 Ea.	\$52.44	\$65.07	7.1429	7	7	\$455.50	\$455.50
Rebuild flush valve for a urinal	20	2.00 Ea.	\$360.87	\$434.91	2.5000	2	2	\$869.83	\$869.83
Unplug line urinal	5	2.00 Ea.	\$290.14	\$362.86	10.0000	10	10	\$3,628.56	\$3,628.56
Replace wall-hung urinal	35	2.00 Ea.	\$1,937.73	\$2,338.21	1.4286	1	1	\$2,338.21	\$2,338.21
Replace washer in spud connection lavatory, vitreous china	7	8.00 Ea.	\$131.70	\$160.64	7.1429	7	7	\$1,124.48	\$1,124.48
Replace washer in faucet lavatory, vitreous china	2	8.00 Ea.	\$103.08	\$128.41	25.0000	25	25	\$3,210.36	\$3,210.36
Replace faucets lavatory, vitreous china	10	8.00 Ea.	\$1,453.81	\$1,750.04	5.0000	5	5	\$8,750.22	\$8,750.22
Clean out strainer and P trap lavatory, vitreous china	2	8.00 Ea.	\$278.95	\$348.86	25.0000	25	25	\$8,721.58	\$8,721.58
Replace lavatory, vitreous china	35	8.00 Ea.	\$5,380.60	\$6,465.77	1.4286	1	1	\$6,465.77	\$6,465.77
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	10	1.00 Ea.	\$636.70	\$757.51	5.0000	5	5	\$3,787.55	\$3,787.55
Check / minor repairs drinking fountain	1	3.00 Ea.	\$146.65	\$183.40	50.0000	50	50	\$9,169.89	\$9,169.89
Repair internal leaks drinking fountain	4	3.00 Ea.	\$135.24	\$169.13	12.5000	12	12	\$2,029.60	\$2,029.60

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Correct water pressure drinking fountain	2	3.00 Ea.	\$125.46	\$156.91	25.0000	25	25	\$3,922.67	\$3,922.67
Replace refrigerant drinking fountain	2	3.00 Ea.	\$98.05	\$114.81	25.0000	25	25	\$2,870.19	\$2,870.19
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	6.90 S.F.	\$126.27	\$152.99	50.0000	50	50	\$7,649.50	\$7,649.50
Minor metal roof panel replacement, 2.5% of roof area	20	192.00 S.F.	\$2,194.10	\$2,605.84	2.5000	2	2	\$5,211.68	\$5,211.68
Total metal roof panel replacement	30	83.00 Sq.	\$70,147.17	\$83,084.35	1.6667	1	1	\$83,084.35	\$83,084.35
Repair 8" concrete block wall - (2% of walls) painted	25	0.20 C.S.F.	\$217.93	\$261.67	2.0000	2	2	\$523.34	\$523.34
Refinish concrete block wall painted	4	12.70 C.S.F.	\$1,281.67	\$1,560.68	12.5000	12	12	\$18,728.16	\$18,728.16
Repair steel painted interior door	14	1.00 Ea.	\$293.45	\$341.56	3.5714	3	3	\$1,024.69	\$1,024.69
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.00 Ea.	\$52.59	\$64.79	12.5000	12	12	\$777.44	\$777.44
Repair solid core wood door, interior	11	4.00 Ea.	\$1,173.81	\$1,366.26	4.5455	4	4	\$5,465.02	\$5,465.02
Point and refinish painted concrete block wall, 1st floor	25	9.70 C.S.F.	\$4,556.84	\$5,624.11	2.0000	2	2	\$11,248.22	\$11,248.22
Repair clay brick wall, 1st floor	25	104.00 S.F.	\$4,469.57	\$5,485.42	2.0000	2	2	\$10,970.85	\$10,970.85
Replace glass - 2nd floor. (1% of glass) - alum. window	1	5.60 S.F.	\$93.94	\$112.16	50.0000	50	50	\$5,608.01	\$5,608.01
Repair 3' x 4' aluminum window - 2nd floor	20	62.00 Ea.	\$19,125.77	\$22,701.19	2.5000	2	2	\$45,402.39	\$45,402.39
Replace glass - 3rd floor (1% of glass) - alum. window	1	1.60 S.F.	\$40.25	\$48.71	50.0000	50	50	\$2,435.28	\$2,435.28
Repair 3' x 4' aluminum window - 3rd floor	20	28.00 Ea.	\$9,968.94	\$11,905.61	2.5000	2	2	\$23,811.22	\$23,811.22
Replace 3' x 4' aluminum window - 3rd floor	50	28.00 Ea.	\$25,449.86	\$29,865.45	1.0000	1	1	\$29,865.45	\$29,865.45
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	9.20 S.F.	\$110.93	\$130.38	50.0000	50	50	\$6,518.94	\$6,518.94
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	92.00 Ea.	\$13,315.77	\$15,880.02	2.5000	2	2	\$31,760.05	\$31,760.05
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	92.00 Ea.	\$44,908.11	\$53,224.23	1.0000	1	1	\$53,224.23	\$53,224.23
Repair window - 1st floor (2% of glass) - fixed glass block	8	28.00 S.F.	\$2,094.92	\$2,494.86	6.2500	6	6	\$14,969.13	\$14,969.13
Repair aluminum storefront door	12	2.00 Ea.	\$926.84	\$1,109.03	4.1667	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	1.0000	1	1	\$4,838.20	\$4,838.20
Repair solid core, painted, door	12	4.00 Ea.	\$1,505.77	\$1,801.82	4.1667	4	4	\$7,207.30	\$7,207.30
Replace 3'-0" x 7'-0" solid core, painted, door	40	4.00 Ea.	\$4,363.03	\$5,164.54	1.2500	1	1	\$5,164.54	\$5,164.54
Repair steel, painted, door	14	3.00 Ea.	\$1,875.22	\$2,232.02	3.5714	3	3	\$6,696.05	\$6,696.05
Replace 3'-0" x 7'-0" steel, painted, door	45	3.00 Ea.	\$2,115.19	\$2,459.19	1.1111	1	1	\$2,459.19	\$2,459.19
Replace tempered glass - (3% of glass) steel painted door	1	0.09 S.F.	\$2.03	\$2.43	50.0000	50	50	\$121.50	\$121.50
Prepare and refinish 3'-0" x 7'-0" steel painted. door	4	1.00 Ea.	\$80.08	\$99.00	12.5000	12	12	\$1,188.02	\$1,188.02
Replace 3'-0" x 7'-0" steel, with wire glass, door	45	1.00 Ea.	\$1,164.36	\$1,359.11	1.1111	1	1	\$1,359.11	\$1,359.11

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Debris removal, by hand and visual inspection, metal panel roofing	1	7.70 M.S.F.	\$175.44	\$213.98	50.0000	50	50	\$10,699.06	\$10,699.06
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	170.00 S.F.	\$593.83	\$712.46	10.0000	10	10	\$7,124.64	\$7,124.64
Repair drain leak drinking fountain	4	3.00 Ea.	\$101.75	\$121.60	12.5000	12	10	\$1,459.25	\$1,216.04
Replace fountain drinking fountain	10	3.00 Ea.	\$3,843.47	\$4,543.68	5.0000	5	5	\$22,718.38	\$22,718.38
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
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
General maintenance & repair drain: roof, scupper, area	1	1.00 Ea.	\$36.99	\$46.26	50.0000	50	50	\$2,312.85	\$2,312.85
Replace drain: roof, scupper, area	40	1.00 Ea.	\$786.93	\$912.36	1.2500	1	1	\$912.36	\$912.36
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	2.00 Ea.	\$37.88	\$46.63	10.0000	10	10	\$466.32	\$466.32
Replace pipe insulation, fiberglass 3/4"	5	0.01 M.L.F.	\$75.57	\$92.78	10.0000	10	10	\$927.77	\$927.77
Repair terminal reheat, 18" x 24" coil	10	1.00 Ea.	\$103.74	\$129.74	5.0000	5	5	\$648.68	\$648.68
Replace terminal reheat, 18" x 24" coil	15	1.00 Ea.	\$2,009.00	\$2,312.37	3.3333	3	3	\$6,937.11	\$6,937.11
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	1.00 Ea.	\$1,502.82	\$1,746.04	5.0000	5	4	\$8,730.18	\$6,984.14
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
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	43.00 Ea.	\$3,677.48	\$4,523.15	2.5000	2	2	\$9,046.30	\$9,046.30
Maintenance and repair motor starter, up to 600 V	5	1.00 Ea.	\$279.64	\$337.60	10.0000	10	10	\$3,375.98	\$3,375.98
Maintenance and inspection motor starter, up to 600 V	0.5	1.00 Ea.	\$53.98	\$67.63	100.0000	100	100	\$6,763.01	\$6,763.01
Replace starter motor starter, up to 600 V	18	1.00 Ea.	\$805.31	\$958.07	2.7778	2	2	\$1,916.15	\$1,916.15
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	16.6667	16	16	\$814.74	\$814.74
Repair failed breaker, enclosed, 600 V, 3 pole	4	1.00 Ea.	\$737.25	\$857.61	12.5000	12	12	\$10,291.30	\$10,291.30

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Maintenance and inspection circuit breaker, enclosed, 600 V, 3 pole	0.33	1.00 Ea.	\$32.39	\$40.58	151.5152	151	151	\$6,127.29	\$6,127.29	
Replace circuit breaker enclosed, 600 V, 3 pole circuit breaker	50	1.00 Ea.	\$1,276.28	\$1,493.30	1.0000	1	1	\$1,493.30	\$1,493.30	
Maintenance and repair receptacles and plugs	20	50.00 Ea.	\$2,112.17	\$2,636.93	2.5000	2	2	\$5,273.86	\$5,273.86	
Replace receptacle/plug receptacles and plugs	20	50.00 Ea.	\$3,597.78	\$4,434.83	2.5000	2	2	\$8,869.66	\$8,869.66	
Maintenance and repair wiring devices, switches	10	40.00 Ea.	\$1,689.74	\$2,109.54	5.0000	5	5	\$10,547.72	\$10,547.72	
Replace wiring devices, switches	15	40.00 Ea.	\$2,615.11	\$3,248.88	3.3333	3	3	\$9,746.63	\$9,746.63	
Maintenance and repair incandescent lighting fixtures	10	40.00 Ea.	\$2,754.63	\$3,279.40	5.0000	5	3	\$16,397.01	\$9,838.20	
Replace incandescent lighting fixture lamp	5	40.00 Ea.	\$459.29	\$554.71	10.0000	10	10	\$5,547.07	\$5,547.07	
Replace incandescent lighting fixture	20	40.00 Ea.	\$5,618.38	\$6,790.64	2.5000	2	2	\$13,581.28	\$13,581.28	
Replace fluorescent light fixture ballast, 80 W	10	40.00 Ea.	\$4,986.74	\$6,049.49	5.0000	5	3	\$30,247.45	\$18,148.47	
Replace lamps (2 lamps), 4', 34 W energy saver	10	40.00 Ea.	\$1,008.56	\$1,263.16	5.0000	5	5	\$6,315.79	\$6,315.79	
Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W	20	40.00 Ea.	\$9,097.48	\$11,096.61	2.5000	2	2	\$22,193.21	\$22,193.21	
Repair smoke detector	10	14.00 Ea.	\$789.43	\$976.00	5.0000	5	4	\$4,879.98	\$3,903.99	
Check operation smoke detector	1	14.00 Ea.	\$226.72	\$284.05	50.0000	50	50	\$14,202.32	\$14,202.32	
Replace smoke detector	15	14.00 Ea.	\$3,979.32	\$4,752.47	3.3333	3	3	\$14,257.40	\$14,257.40	
Check and repair manual pull station	10	2.00 Ea.	\$175.39	\$215.66	5.0000	5	4	\$1,078.30	\$862.64	
Replace manual pull station	15	2.00 Ea.	\$406.94	\$489.88	3.3333	3	3	\$1,469.65	\$1,469.65	
Replace fire alarm bell, 6"	20	2.00 Ea.	\$389.92	\$470.55	2.5000	2	2	\$941.10	\$941.10	
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	1.00 M.L.F.	\$11,009.12	\$13,095.99	2.0000	2	2	\$26,191.98	\$26,191.98	
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	15.00 Ea.	\$820.34	\$988.13	25.0000	25	25	\$24,703.37	\$24,703.37	
Replace emergency lighting fixture	20	15.00 Ea.	\$9,035.52	\$10,646.42	2.5000	2	2	\$21,292.84	\$21,292.84	
Maintenance and repair exit light	20	15.00 Ea.	\$558.02	\$690.05	2.5000	2	2	\$1,380.09	\$1,380.09	
Replace lamp exit light	5	15.00 Ea.	\$252.70	\$299.45	10.0000	10	10	\$2,994.52	\$2,994.52	
Replace lighting fixture exit light	20	15.00 Ea.	\$2,865.52	\$3,446.41	2.5000	2	2	\$6,892.82	\$6,892.82	
			\$576,319.50	\$680,491.19				MR Subtotal	\$1,748,985.91	
									MR Per Year	\$34,931.91
									PM Total	\$6,192.14
									Subtotal	\$41,124.05
									Total Per Unit	\$4.95

FAC 7361 CHAPEL FACILITY

Release 2021 Qtr 3

Zip Code Prefix 222

Type PM

UM SF

Design Life 50

Average Size 8302.0

SUC \$4.95

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
Urinals, annualized	2.00	0.46	\$12.64	\$22.91	\$0.00	\$35.54	\$43.68	\$52.45
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	3.00	1.86	\$62.18	\$93.83	\$0.00	\$156.00	\$190.37	\$227.84
Boiler, hot water, oil, gas, or comb. fired, up to 120 MBH, annualized	1.00	12.53	\$77.34	\$753.25	\$0.00	\$830.60	\$1,064.31	\$1,301.88
Air handling unit, 3 thru 24 tons, annualized	1.00	2.06	\$224.44	\$103.96	\$0.00	\$328.40	\$382.03	\$446.89
Package unit, air cooled, 3 thru 24 ton, annualized	1.00	2.40	\$176.92	\$144.48	\$0.00	\$321.41	\$382.45	\$452.33
Light, emergency, hardwired system, annualized	15.00	3.75	\$115.99	\$221.45	\$0.00	\$337.43	\$415.46	\$499.30
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Circuit breaker, high voltage air, annualized	2.00	0.94	\$30.31	\$62.16	\$0.00	\$92.47	\$114.15	\$137.35
Switch, interrupt, high voltage, w/ aux fuses, air, annualized	2.00	0.73	\$30.31	\$47.66	\$0.00	\$77.97	\$95.30	\$114.14
Panelboard, 225 A and above, annualized	1.00	0.44	\$23.20	\$29.01	\$0.00	\$52.21	\$63.23	\$75.41
Light, emergency, wet cell, annualized	1.00	0.39	\$34.02	\$22.79	\$0.00	\$56.81	\$67.05	\$79.00
Dishwasher, electric, annually	1.00	1.18	\$38.39	\$40.07	\$0.00	\$78.46	\$94.32	\$112.09
Disposal, garbage, electric, annualized	1.00	1.52	\$16.33	\$52.03	\$0.00	\$68.36	\$85.60	\$103.65
Oven, convection, gas / electric, annualized	1.00	11.24	\$41.26	\$382.72	\$0.00	\$423.98	\$542.92	\$663.92
Refrigerator, domestic, annualized	1.00	0.23	\$5.45	\$7.98	\$0.00	\$13.44	\$16.38	\$19.59
						\$4,123.80	\$5,128.97	\$6,192.14

FAC 7361 CHAPEL FACILITY
Modeled Component List
CostWorks Release 2021 Qtr 3

C10 Interior Construction	
Solid Core Interior Doors	4.0 Ea.
Solid Core Interior Doors, w/ safety glass	4.0 Ea.
Concrete Block, Painted	12.7 C.S.F.
C20 Stairs	
Concrete Steps	25.0 S.F.
C30 Interior Finishes	
Vinyl	660.0 S.Y.
Carpet	134.0 S.Y.
D20 Plumbing	
Tankless Water Closet	8.0 Ea.
Urinal	2.0 Ea.
Lavatory, Vitreous China	8.0 Ea.
Sink, Iron Enamel	1.0 Ea.
Drinking Fountain	3.0 Ea.
Water Heater, Electric, 120 Gallon	1.0 Ea.
Drain: Roof, Scupper, Area	1.0 Ea.
B30 Roofing	
Metal Steep Roofing	83.0 Sq.
B20 Exterior Enclosure	
Aluminum Window, Operating, 3rd floor	28.0 Ea.
Aluminum Window, Fixed, 1st floor	92.0 Ea.
Glazed Aluminum	2.0 Ea.
Solid Core, Painted	4.0 Ea.
Steel, Painted	3.0 Ea.
Steel, Painted, w/ wire glass	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, 18" x 24"	1.0 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	
Sprinkler System, Fire Suppression, sprinkler head	43.0 Ea.
D50 Electrical	
Motor Starter, Up To 600 V	1.0 Ea.
Load Center, 100 A, maintenance & inspection	1.0 Ea.
Circuit Breaker, enclosed, 600 V, 3 pole	1.0 Ea.
Incandescent Lighting Fixtures	40.0 Ea.
Fluorescent Lighting Fixture	40.0 Ea.
Smoke Detector	14.0 Ea.
Manual Pull Station	2.0 Ea.
Fire Alarm Bell	2.0 Ea.
Lightning Protection System	1.0 M.L.F.
Lightning Ground Rod	4.0 Ea.
Emergency Lighting Fixture	15.0 Ea.
Exit Light	15.0 Ea.
E10 Equipment	
Garbage Disposal, annualized	1.0 Each

FAC 7361 CHAPEL FACILITY
Sustainment by Year
CostWorks Release 2021 Qtr 3

