PROJECT ID: MARRY'S HOUSE FOR OLDER ADULTS ADDRESS: 401 ANACOSTIA RD, WASHINGTON, DO



COMPANY NAME: 2 PHONE: SCOPE: EVERYTHING EMAIL WEBSITE: BUILDING GROSS SQFT: DIVISION BREAKDOWN COST/SQFT \$35.71 Division 22 - Plumb \$371,541 \$249,394 \$43.91 Division 22 - Plumbing

Division 23 - HVAC/ Mechanical \$90,446 \$17.71 **Division 26 - Electrical** \$219,025 \$150,675 \$26.14 \$123.47 \$6.66 \$30.87 UBTOTAL \$1,746,049 \$94,165 \$436,512 ALES TAX OVERHEADS & PROFITS 7.5% 25.0% NSURANCES 3.0% \$52,381 \$3.70 ONTIGENCY \$87,302 \$6.17 1. This estimate is based on real market prices that are regularly updated by our team persons through market surveys and online resoures, we still encourage our clients to put their own.
2. This sheet is your property and we encourage you to fine tune the wastage and pricing values to your preference. 3. Feel free to contact us for any queries or suggestions. TOTAL LABOR TOTAL LABOR COST UNIT MAT COST TOTAL MAT COST TYPE OF PER HOUR LABOR WAGE WASTAGE QTY W/WASTAGE DESCRIPTION QUANTITY UNIT COST TOTAL COST TRADE COST \$40,000.00 **\$40,000** \$35,000.00 **\$35,000** \$90,000.00 **\$90,000** CARP CARP \$40,000 \$35,000 \$90,000 1 Project Manager \$0 \$0 \$0 0% 2 Field Superintendent 0.000 \$35,000.0 3 Bonds 0% LS 0.000 \$90,000.00 Permitting \$75,000 \$70,000 \$55,000 \$35,000 \$30,000 0% 0% 0% 75,000.00 \$75,000 CARP \$125 0.000 \$0 \$75,000.00 CARP \$125 CARP \$125 CARP \$125 CARP \$125 CARP \$125 CARP \$125 \$70,000.00 \$70,000 \$55,000.00 \$55,000 \$35,000.00 \$35,000 \$30,000.00 \$30,000 Mobilization Cost Temp Fencing, Toilets, Utilities Jobsite Signage, Trailer, Security 8 Dumpsters, Tools 0% LS 0.000 \$30,000.00 9 Clean-up 10 Procore, Web Car 0% 0% LS LS \$40,000.00 \$40,000 CARP CARP 0.000 \$0 \$40,000.00 \$40,000 \$35,000.00 \$35,000 Subtotal (General Requirements) <u>Fixture</u> \$790.00 \$15,642 Plum \$125 \$25,542 P-1: Water Closet, Gerber Maxwell Model #21-918 10% EA 4.000 \$1,290.00 \$790.00 \$4,345 \$736.00 \$15,382 \$736.00 \$4,048 \$2,580.00 \$11,352 \$1,650.00 \$30,855 EA EA EA EA \$1,290.00 \$1,111.00 \$1,111.00 P-1A: Water Closet, Gerber Maxwell Model #21-918 10% Plum \$125 \$125 4.000 \$2,750 \$7,838 \$7,095 \$23,220 P-2L tavatory, Sink Dy others, Fauet Olympia Model # L-6162B Elite Single Handle Lavatory
P-2A: Lavatory Sink Greber Plymouth Model # 12-314 Wall Hung 10% Plum 3.000 Plum Plum Plum \$2,063 \$4,400 \$11,688 \$6,111 \$15,752 \$42,543 15 P-3:Drinking Fountain 10% 10% 8.000 5.000 \$3,580.00 \$2,275.00 P-4: Shower, Mfr: Fiat, Model: ADAF 6030 High Gloss Del Coat Shower Floor EA EA EA EA 17 P-5: Kitchen Sink, Faucet olympia Model: K-4161B Elite Single Metal Lever Handle 10% 12 \$834.00 \$10,091 Plum \$125 \$125 3.500 \$5,294 \$1,271.50 \$15,385 Plum Plum Plum Plum 10% \$640.00 \$704 \$295.00 \$3,894 \$1,480.00 \$1,628 \$360.00 \$3,960 \$1,015.00 \$420.00 \$2,480.00 \$547.50 3.000 \$413 \$1,117 \$125 \$125 \$125 \$125 P-7: Washer Box, MFR: Oatey, Model: Quadtro W/ Shock Arrestor

SP-1: Duplex Sump Pump, MFR: Weil Pump, 1411, 2" Discharge, 1/2" Solids, 3'-0"Diax5'-0"Deep Fibreglass Basin
2"FDW/TG:Floor Drain, J.R Smith Series 2110, 8-1/2" Round Medium Duty Drain w/ Trap Guard ASSE 1072 \$1,650 \$1,100 \$2,063 \$5,544 \$2,728 \$6,023 13 8.000 1.500 10% 10% 11 22 3\*FD:Floor Drain, J.R Smith Series 2005A
23 3\*FDW/TG:Floor Drain, J.R Smith Series 2010, 8-1/2\* Round Medium Duty Drain w/ Trap Guard ASSE 1072
24 3\*OSD W/TP:Open Site Drain-w/ Trap Primer ASSE 1072 EA EA EA EA \$425.00 \$1,870 \$425.00 \$2,338 \$480.00 \$1,584 \$360.00 \$396 \$325.00 \$358 10% Plum \$125 \$125 2.000 \$1,100 \$1,375 \$675.00 \$2,970 \$3,713 10% 10% 10% 10% Plum Plum Plum Plum \$675.00 \$730.00 \$610.00 2.000 \$825 \$2,409 AAV: Air Admittance Valve, MFR: Oatey, Model: ASSE 1050 & 1051 2.000 1.500 25 \$512.50 \$520.00 \$572 \$3,080.00 \$13,552 \$2,580.00 \$2,838 \$360.00 \$396 \$100.00 \$220 27 BACK FLOW PREVENTOR DUAL CHECK VALVE W/ DETECTOR CHECK MTR EA EA EA EA \$847 10% Plum \$125 2.000 \$275 \$5,500 \$770.00 Plum Plum Plum Plum 27 Box FLOW THE VENTOR DOLCHECK NATE. W DETECTOR CHECK WHITE
28 EWH-1: Electric Water Heater, MFR/ AO Smith, Model: ENT-30, 30Gallon, 4.5KW
29 EWH-3: Tankless Pont Of Use, MFR: Chronomite, Model: CM40L/280V W/MFG Locakable Disconnect Switch NEMA 4x #2095-1
30 GPR-1: Gas Pressure Regulator, MFR: Maxitrol Line Pressure, Model: 325-5L-B With Outdoor Vent Protector #13A15-5 10% 10% 10% 10% \$4,330.00 \$3,580.00 \$547.50 \$225.00 10.000 \$19,052 \$125 \$125 \$125 \$125 \$1,100 \$206 \$275 \$3,938 \$602 \$495 8.000 1.500 1.000 132 HWRP-2: Hot Water Circulation Pump, MFR: TACO, Model: 0014 With Aquastat & Time Clock
133 IMB-1: ICE Maker Box, MFR: OATEY, Model: 12K With Shock Arrestor
134 RD-1: 4\* Roof Drain, MFR: J.R Smith Series 2675
135 D-1: 14\* Roof Paris, MFR: J.R Smith Series 2675 EA EA EA \$1,890.00 \$4,158 \$180.00 \$198 \$535.00 \$1,766 \$535.00 \$589 \$6,358 \$336 10% Plum \$125 \$125 8.000 \$2,200 \$138 \$2,890.00 10% 1.000 2.500 \$305.00 \$847.50 Plum Plum \$2,797 \$1,031 35 AD-1: 4"Area Drain, MFR: J.R Smith Series 2140 Heavy Duty 10% 2.500 \$847.50 Water Supply
1/2" Dia Cold Water Pipe \$3.36 \$3,312 \$5.54 \$1,061 \$7.80 \$621 \$9.65 \$3,308 \$125 \$125 \$125 \$125 \$125 LF LF 986 191 80 343 Plum 0.099 98 20 9 \$12,199 \$15.74 \$15,512 10% 36 1/2" Dia Cold Water Pipe
37 3/4" Dia Cold Water Pipe
38 1" Dia Cold Water Pipe
39 1-1/4" Dia Cold Water Pipe 10% Plum Plum Plum Plum 0.105 0.118 0.138 \$2,513 \$1,174 \$5,913 \$18.67 \$22.55 \$26.90 \$3,574 \$1,795 \$9,221 174 10% \$9.65 \$3,308 \$11.90 \$3,625 \$16.34 \$3,157 \$3.36 \$2,981 \$5.54 \$1,082 \$7.80 \$714 \$9.65 \$433 \$11.90 \$777 \$3.36 \$0 \$5.54 \$680 \$125 \$125 \$5,864 \$4,589 \$9,489 \$7,746 40 1-1/2" Dia Cold Water Pipe 10% 305 LF 0.154 \$31.15 Plum " Dia Cold Water Pipe 176 10% 193 0.190 \$40.09 42 1/2" Dia Hot Water Pipe 43 3/4" Dia Hot Water Pipe Plum Plum Plum Plum Plum 10% 10% 10% 0.099 0.105 0.118 \$15.74 \$18.67 \$22.55 \$10,980 \$13,961 195 91 \$2,564 \$1,349 \$775 \$1,257 \$3,647 \$2,063 \$1,208 \$2,034 LF 44 1" Dia Hot Water Pipe \$26.90 \$31.15 \$0.00 45 1-1/4" Dia Hot Water Pipe 10% 45 LF \$125 \$125 0.138 LF LF 1-1/2" Dia Hot Water Pipe 10% 65 217 0.154 10 10% Plum 123 Plum \$125 \$1,611 \$2,291 0.105 \$18.67 112 48 \$10.54 \$1,912 \$15.32 \$10,815 \$18.60 \$203 \$26.54 \$27,217 Sanitary Waste Pipe 50 2" Dia Sanitary Waste Pipe 50 2" Dia Sanitary Waste Pipe 51 2-1/2"" Dia Sanitary Waste Pipe 52 3" Dia Sanitary Waste Pipe 53 3" Dia Sanitary Waste Pipe \$125 \$125 26 113 \$3,219 \$5,131 181 706 11 1026 Plum 165 10% LF 0.142 \$28.29 Plum \$14,119 Plum Plum Plum \$232 \$23,715 \$10,888 \$435 \$50,932 \$27,853 \$67.15 53 4" Dia Sanitary Waste Pipe 377 10% 415 0.210 54 6" Dia Sanitary Waste Pipe 28 10% 31 LF \$55.36 **\$1,705** Plum \$125 0.240 \$924 \$85.36 \$2,629 
 Vent Pipe

 55
 1-1/2" Dia Vent Pipe

 56
 2" Dia Vent Pipe
 \$125 \$125 \$125 \$125 \$10.54 **\$4,806** \$15.32 **\$5,984** \$26.54 **\$15,322** Plum 65 63 107 415 10% 456 LF 0.142 \$8,093 \$28.29 \$12,899 \$7,813 \$13,351 \$2,310 10% 391 LF 0.160 \$35.32 Plum \$28,673 3" Dia Vent Pipe 525 10% 577 LF 0.185 \$49.67 58 4" Dia Vent Pipe

Storm Drain

59 4" Dia Storm Drain 80 10% 88 \$40.90 \$3,599 Plum 0.210 18 \$67.15 \$5,909 \$40.90 **\$17,896** \$55.36 **\$4,863** \$29,382 \$7,498 10% Plum \$125 \$125 0.210 92 21 \$11,486 \$67.15 398 \$2,635 Plum 60 6" Dia Storm Drain 10% 88 LF 0.240 \$85.36 61 3" Dia Planter Drair 75 10% 82 LF \$26.54 **\$2,186** Plum \$125 0.185 15 \$1,905 \$49.67 \$4,091 \$125 \$125 \$125 \$17.20 \$844 10% 39 \$664 Plum 0.175 \$39.08 \$1,508 \$17.20 \$664 \$21.30 \$185 \$44.85 \$1,776 Plum \$206 \$1,238 \$391 \$3,014 63 2-1/2" Fire Protection Pipe 10% 0.190 0.250 \$45.05 \$76.10 64 4" Dia Fire Protection Pipe 65 6" Dia Fire Protection Pipe 234 10% 257 LF \$59.36 \$15,267 Plum 0.300 \$9,645 \$96.86 \$24,912 10% \$17.20 \$1,025 Plum \$125 10 \$1,303 \$39.08 \$2,328 0.175 Misc. 67 3/4" Dia Hose Bib \$125 0% EA \$100.00 \$200 Plum 0.500 \$162.50 0% EA \$325.00 \$560.00 \$325 \$560 Plum \$125 \$125 1.500 \$188 \$512.50 \$513 \$810 2" Water Meter EA EA 0% Plum 2.000 \$250 \$810.00 \$490.00 \$490 Plum \$125 2.500 \$313 \$803 \$125 \$848 0% EA Plum 2.500 3 \$313 MFR: Ractor Seal \$320 Plum \$125 \$225 \$545 EA \$320.00 1.800 \$545.00 0% 72 1-1/2" Ball Valve W/ Stem & Lever 0% 0% 0% 0% 0% EA EA EA EA 3" Dia Floor Clean Out \$436.00 \$436 \$560 Plum \$125 \$125 2.000 \$250 \$313 \$686.00 \$686 \$873 4" Dia Floor Clean Out \$560.00 Plum 2.500 \$872.50 \$1,613 \$2,650 \$694 \$4,432 \$350.00 \$280.00 \$222.00 Plum Plum Plum Plum \$537.50 \$530.00 \$347.00 ng Vlave: MFR: LAWLER, Model: 570, ASSE 1070 \$1.050 \$563 \$222.00 \$1,400 \$222.00 \$444 \$354.00 \$2,832 \$390.00 \$1,170 \$1,250 \$250 77 Ball Valve-1/2"W/ Stem & Lever 1.000 EA EA EA EA \$1,600 \$694 Ball Valve-2"W/ Stem & Lever 0% 1.600 \$554.00 Ball Valve-2-1/2" W/ Stem & Lever Ball Valve-3/4" W/ Stem & Lever Check Valve 0% 0% 0% \$390.00 \$1,170 \$126.00 \$1,890 \$180.00 \$180 \$275.00 \$550 \$621.25 \$238.50 \$305.00 \$462.50 Plum 1.850 Plum Plum Plum 0.900 1.000 1.500 \$1,688 \$125 \$375 \$3,578 \$305 \$925 82 Pressure Relief Valve/Safety Valve-3/4 0% 83 Valve-6" 0% EA \$420.00 **\$2,940** \$506.00 **\$1,012** Plum \$125 \$125 2.000 \$1,750 \$670.00 \$4,690 \$1,637 EA EA 4" Clean Out 3" VTR 0% 0% Plum 2.500 \$625 \$818.50 \$245.00 \$310.25 Plum \$625 \$1,225 \$154.00 \$308 Plum \$125 \$313 0% EA 86 4" VT 1.250 Gas Pipe \$8.60 \$1,367 Plum \$125 \$2,385 \$3,752 19 87 145 10% 159 LF 0.120 \$23.60 \$125 <u>Allowances</u> \$71,250 0% \$65,000.00 \$65,000 Plum \$125 50.000 50 \$6,250 \$71,250.00 89 Provide Allowances for Pipes Bends & Pi-Traps Etc LS <u>\$249,3</u>94 TOTAL MAT COST: \$371,541 Subtotal (Plumbing Ducts

90 1 1/4" Dia Circular Duct
91 1 1/2" Dia Circular Duct
92 4" Dia Circular Duct 0% 0% 0% 196 107 524 LF LF LF \$8.36 \$1,639 \$10.54 \$1,128 \$4.65 \$2,437 \$6.84 \$424 Plum \$125 \$125 \$125 \$125 \$24.61 \$28.29 \$18.40 196 0.130 \$3,185 \$4,824 Plum Plum Plum 0.142 0.110 \$3,027 \$9,642 \$1,393 93 6" Dia Circular Duct 0% 62 0.125 \$22.47 Plum Plum Plum Plum Plum 94 8" Dia Circluar Duct 95 8"x6" Duct 96 10"x4" Duct 97 12"x6" Duct 0% 0% 0% 0% 0.145 0.150 0.180 0.210 \$27.05 \$29.09 \$35.15 \$41.63 32 \$8.92 **\$285** \$10.34 **\$321** \$580 \$581 \$865 \$902 \$10.34 \$321 \$12.65 \$1,101 \$15.38 \$631 \$18.72 \$431 \$3,058 \$1,707 \$1,121 \$1,958 \$1,076 98 14"x6" Duct 0% 23 0.240 \$48.72 \$19.34 \$909 \$22.50 \$518 \$25.60 \$384 \$21.35 \$214 \$23.90 \$239 99 14"x8" Duct 100 16"x14" Duct 101 18"x6" Duct 102 14"x14" Duct 0% 0% 0% 0% LF LF LF Plum Plum Plum Plum Plum 0.250 0.285 0.320 0.260 \$50.59 \$58.13 \$65.60 \$53.85 47 \$125 \$125 \$1,469 \$819 \$2,378 \$1,337 23 15 10 \$125 \$125 \$125 \$125 \$984 \$539 \$614 \$600 0% \$375 103 16"x16" Duct 10 LF 0.300 \$61.40 Indoor Unit \$2,660.00 \$2,660 \$2,660.00 \$2,660 \$2,660.00 \$2,660 \$2,660.00 \$2,660 \$2,660.00 \$2,660 Plum \$125 \$1,750 \$4,410 IU-1: Daiken Model # FTKB18AXVJU, 430 CFM, 80FDB/67WB
IU-2A: Daiken Model # FTXS09LVJU, 250 CFM, 80FDB/67WB
IU-2B: Daiken Model # FTXS09LVJU, 350 CFM, 80FDB/67WB 0% 0% 0% 14.000 \$4,410.00 EA EA EA EA Plum Plum Plum \$125 \$125 \$125 \$1,750 \$1,750 \$1,750 \$1,750 \$4,410 \$4,410 \$4,410 107 IU-2C: Daiken Model # FTXS09LVJU, 250 CFM, 80FDB/67WE 0% 14.000 \$4,410.00 Plum Plum Plum Plum Plum EA EA EA \$4,410 \$4,410 \$4,410 \$4,410 \$4,410 0% 0% 0% 0% 14.000 14.000 14.000 14.000 \$4,410.00 \$4,410.00 \$4,410.00 \$4,410.00 IU-3A: Daiken Model # FTKS18LVJU, 600 CFM, 80FDB/67WI \$2,660.00 **\$2,660** \$2,660.00 **\$2,660** \$1,750 \$1,750 \$2,660.00 \$2,660 \$2,660.00 \$2,660 \$2,660.00 \$2,660 \$125 \$125 \$125 \$125 \$1,750 \$1,750 \$1,750 \$1,750 112 IU-5B: Daiken Model # FTKS18LVJU, 600 CFM, 80FDB/67WE EA 0% 14.000 \$4,410.00 EA \$2,660.00 \$2,660 Plum \$125 14.000 
 113
 IU-6A: Daiken Model # FTXS09LVJU, 250 CFM, 80FDB/67WB

 114
 IU-6B: Daiken Model # FTXS12LVJU, 350 CFM, 80FDB/67WB

 115
 IU-7A: Daiken Model # FTXS09LVJU, 350 CFM, 80FDB/67WB

 116
 IU-7B: Daiken Model # FTXS09LVJU, 350 CFM, 80FDB/67WB
 0% 0% 0% 0% \$1,750 \$4,410.00 \$1,750 \$4,410.00 \$1,750 \$4,410.00 \$1,750 \$4,410.00 \$4,410 \$4,410

117	IU-8: Daiken Model # FTKB24AXVJU, 550 CFM, 80FDB/67WB	1	0%	1	EA	\$2,660.00	\$2,660	Plum	\$125	14.000	14	\$1,750	\$4,410.00	\$4,410	
117	Outdoor Unit	1	0%	1	EA	\$2,000.00	\$2,000	riuiii	\$125	14.000	14	\$1,730	\$4,410.00	34,410	
118	OU-1: Daiken Maoel # RKB18AXVJU, 208V/1PH, 17 Seer/10.5 EER, 16.2MCA/20MFA	1	0%	1	EA	\$2,480.00	\$2,480	Plum	\$125	14.000	14	\$1,750	\$4,230.00	\$4,230	
119	OU-2: Daiken Maoel # RKB18AXVJU, 208V/1PH, 18 Seer/12.7 EER, 21.9 MCA/25MFA	1	0%	1	EA	\$2,480.00	\$2,480	Plum	\$125	14.000	14	\$1,750	\$4,230.00	\$4,230	
120	OU-3: Daiken Maoel # 4MXS36RMVJUA, 208V/1PH, 17 Seer/9.2 EER, 23.9 MCA/25MFA	1	0%	1	EA	\$2,480.00	\$2,480	Plum	\$125	14.000	14	\$1,750	\$4,230.00	\$4,230	
121	OU-4: Daiken Maoel # RKB24AXVJU, 208V/1PH, 18 Seer/9.85 EER, 19.8 MCA/20MFA	1	0%	1	EA	\$2,480.00	\$2,480	Plum	\$125	14.000	14	\$1,750	\$4,230.00	\$4,230	
122	OU-5: Daiken Maoel # 4MXS36RMVJUA, 208V/1PH, 17 Seer/9.2 EER, 23.5 MCA/25MFA	1	0%	1	EA	\$2,480.00	\$2,480	Plum	\$125	14.000	14	\$1,750	\$4,230.00	\$4,230	
123	OU-6: Daiken Maoel # 4MXS36RMVJUA, 208V/1PH, 18.9 Seer/12.7 EER, 21.9 MCA/20MFA	1	0%	1	EA	\$2,480.00	\$2,480	Plum	\$125	14.000	14	\$1,750	\$4,230.00	\$4,230	
	OU-7: Daiken Maoel # RKB18AXVJU, 208V/1PH, 18 Seer/12.7 EER, 21.9 MCA/25MFA	1	0%	1	EA	\$2,480.00	\$2,480	Plum	\$125	14.000	14	\$1,750	\$4,230.00	\$4,230	
	OU-8: Daiken Maoel # RKB24AXVIU, 208V/1PH, 17 Seer/10.5 EER, 16.2 MCA/20MFA	1	0%	1	EA	\$2,480.00	\$2,480	Plum	\$125	14.000	14	\$1,750	\$4,230.00	\$4,230	
125	Ventilation/Exhaust Fan:	1	0%	1	EA	\$2,480.00	\$2,460	riuiii	\$123	14.000		\$1,730	\$4,230.00	34,230	
	EF-1: Greenheck Model No. Delta Breeze SLM 80, 13W, 1070 RPM, 65CFM	18 2	0%	18	EA	\$145.00	\$2,610 \$340	Plum Plum	\$125 \$125	0.800 0.900	14	\$1,800 \$225	\$245.00	\$4,410 \$565	
127	EF-2: Greenheck Model No. Delta Breeze SLM 100, 17W, 1100 RPM, 85CFM  Roof Top AC	2	0%	2	EA	\$170.00	<b>3340</b>	Fiuiii	\$125	0.900		3223	\$282.50	\$303	
128	DOAS-1: MFR: AAON RN-013, 1900CFM, Total MBH:151.1, 208V/3Ph/70MCA/90MOP	1	0%	1	EA	\$4,480.00	\$4,480	Plum	\$125	12.000	12	\$1,500	\$5,980.00	\$5,980	
129	Heater WH-1: Electric Unit Heater, 120V/1PH, QMARK Model # AWH3150F	4	0%	4	EA	\$3,220.00	\$12,880	Plum	\$125	10.000	40	\$5,000	\$4,470.00	\$17,880	
	<u>Grille</u>														
	18"x10" Air Grille Misc	2	0%	2	EA	\$226.00	\$452	Plum	\$125	0.900	2	\$225	\$338.50	\$677	
131	VHP-1: Vertical Thru The Wall HP Air Conditioning Unit, Model No. VTHP, 400 CFM, CLG/HTG 11.4/10.5	6	0%	6	EA	\$1,465.00	\$8,790	Plum	\$125	6.000	36	\$4,500	\$2,215.00	\$13,290	
132	VHP-2: Vertical Thru The Wall HP Air Conditioning Unit, Model No. VTHP, 580 CFM, CLG/HTG 11.4/19.5	8	0%	8	EA	\$1,675.00	\$13,400	Plum	\$125	7.000	56	\$7,000	\$2,550.00	\$20,400	
	Supply Air Register														
	SR-1: , Min/Max CFM: 1/75, Size: 6x6, Approved Equal: TITUS 300 RL SR-2: , Min/Max CFM: 76/150, Size: 12x4, Approved Equal: TITUS 300 RL	5 34	0%	5 34	EA EA	\$154.00 \$222.00	\$770 \$7,548	Plum Plum	\$125 \$125	0.700 0.950	4 32	\$438 \$4,038	\$241.50 \$340.75	\$1,208 \$11,586	
	SR-3:, Min/Max CFM: 151/300, Size: 12x6, Approved Equal: TITUS 300 RL  Allowances	4	0%	4	EA	\$240.00	\$960	Plum	\$125	0.980	4	\$490	\$362.50	\$1,450	
136	Provide Allowances for HVAC	1 -	0%	1	LS	\$40,000.00	\$40,000	Mech	\$125	40.000	40	\$5,000	\$45,000.00	\$45,000	
	Subtotal (Heating, Ventilating & Air-Conditioning)			<u>TO1</u>	AL MAT C	OST:	\$159,968				LABOR COST	\$90,446			\$250
	DIVISION 26- ELECTRICAL Outlets & Switches												1		
137	Duplex Receptacle 20A/125V/3W	165	0%	165	EA	\$20.00	\$3,300	Elec	\$125	0.550	91	\$11,344	\$88.75	\$14,644	
	Weather Proof Duplex Receptacle 20A/125V/3W GFCI Duplex Receptacle 20A/125V/3W	7 54	0%	7 54	EA EA	\$80.00 \$62.00	\$560 \$3,348	Elec Elec	\$125 \$125	0.296 0.296	2 16	\$259 \$1,998	\$117.00 \$99.00	\$819 \$5,346	
140 141	Quadruplex Receptacle 20A/125V/3W Special Receptacle, NEMA	1 6	0% 0%	1 6	EA EA	\$40.00 \$65.00	\$40 \$390	Elec Elec	\$125 \$125	0.750 1.501	1 9	\$94 \$1,126	\$133.75 \$252.63	\$134 \$1,516	
142	Single Pole Lighting Switch	95	0%	95	EA	\$20.00	\$1,900	Elec	\$125	0.500	48	\$5,938	\$82.50	\$7,838	
	FS: Sprinkler Flow Switch Connection TS: Sprinkler Tamper Switch Connection	6	0%	6	EA EA	\$90.00 \$90.00	\$360 \$540	Elec Elec	\$125 \$125	1.000	6	\$500 \$750	\$215.00 \$215.00	\$860 \$1,290	
	Motor Connection Motor Connection	20 20	0% 0%	20 20	EA EA	\$75.00 \$38.00	\$1,500 \$760	Elec Elec	\$125 \$125	0.850 0.800	17 16	\$2,125 \$2,000	\$181.25 \$138.00	\$3,625 \$2,760	
	Motor Rated Toggle Switch Disconnect Switch	36	0%	36	EA	\$150.00	\$5,400	Elec	\$125	1.000	36	\$4,500	\$275.00	\$9,900	
148 149	Waterproof Disconnect Switch Junction Box	10 	0%	10 7	EA EA	\$180.00 \$75.00	\$1,800 \$525	Elec Elec	\$125 \$125	1.200 1.000	12 7	\$1,500 \$875	\$330.00 \$200.00	\$3,300 \$1,400	
	Junction Box For Dishwasher Connection	16	0%	16	EA	\$75.00	\$1,200	Elec	\$125	1.000	16	\$2,000	\$200.00	\$3,200	
151	<u>Detectors.</u> Smoke Detector	19	0%	19	EA	\$300.00	\$5,700	Elec	\$125	1.500	29	\$3,563	\$487.50	\$9,263	
152	Alarm_ AV: Wall Mounted Audio & Visual Fire Alarm	23	0%	23	EA	\$245.00	\$5,635	Elec	\$125	1.500	35	\$4,313	\$432.50	\$9,948	
153	V: Wall Mounted Visual Fire Alarm	18	0%	18	EA	\$210.00	\$3,780	Elec	\$125	1.500	27 8	\$3,375	\$397.50	\$7,155	
	Se: Ceiling Mounted Fire Alarm Smoke Detector H: Ceiling Mounted Fire Alarm Heat Detector	5 2	0%	5 2	EA EA	\$300.00 \$150.00	\$1,500 \$300	Elec Elec	\$125 \$125	1.500 1.000	2	\$938 \$250	\$487.50 \$275.00	\$2,438 \$550	
156	F: Fire Alarm Manual Push Sensor & TV	4	0%	4	EA	\$136.00	\$544	Elec	\$125	1.000	4	\$500	\$261.00	\$1,044	
	OS: Dual Technology Occupancy Sensor	47	0%	47	EA	\$180.00	\$8,460	Elec	\$125	1.231	58	\$7,232	\$333.88	\$15,692	
158	TV Lighting_	4	0%	4	EA	\$900.00	\$3,600	Elec	\$125	3.000	12	\$1,500	\$1,275.00	\$5,100	
	A: 4" Down Light, MFR: Lithonia Lighting, Catalog No. 4BEMW, 10W B: 4" Down Light, MFR: Lithonia Lighting, Catalog No. 4BEMW, 10W	89 22	0% 0%	89 22	EA EA	\$145.00 \$145.00	\$12,905 \$3,190	Elec Elec	\$125 \$125	1.000	89 22	\$11,125 \$2,750	\$270.00 \$270.00	\$24,030 \$5,940	
161	D: 6" Down Light, MFR: Nora Lighting , Catalog No. NELOCAC-6RP-930W, 12W	16	0%	16	EA	\$160.00	\$2,560	Elec	\$125 \$125	1.000	16 28	\$2,000 \$3,500	\$285.00	\$4,560	
	E1: Exit Light, PQ Lighting, Catalog No. #82208,2W E2: Battery Pack, PQ Lighting, Catalog No. #82257, 1W	28 44	0% 0%	28 44	EA EA	\$132.00 \$125.00	\$3,696 \$5,500	Elec Elec	\$125	1.000 0.850	37	\$4,675	\$257.00 \$231.25	\$7,196 \$10,175	
	E3: Exit Combo Light, MFR: Lithonia, Catalog No. #WLTC, 4W F: Downlight, MFR: PQ Lighting, Catalog No. #83884, 15W	30	0%	30	EA EA	\$140.00 \$154.00	\$140 \$4,620	Elec Elec	\$125 \$125	1.000	30	\$125 \$3,750	\$265.00 \$279.00	\$265 \$8,370	
	G: Stairway Wall Mounted, MFR: Lithonia Lighting, Catalog No. BLWP2-TUWH-PROR, 30W	32	0%	32	EA	\$175.00	\$5,600	Elec	\$125	1.500	48	\$6,000	\$362.50	\$11,600	
	H: Vanity Above Mirror, MFR: RP Lighting, Catalog No. 4907-24-120V-3000K-90CRI	2	0%	2	EA	\$166.00	\$332	Elec	\$125	1.250	3	\$313	\$322.25	\$645	
	J: Wall Sconce-Closet, MFR: Lithonia Lighting, Catalog No. FMMCL 840 S1, 10W	15	0%	15	EA	\$170.00	\$2,550	Elec	\$125	1.500	23	\$2,813	\$357.50	\$5,363	
	K: Wall Sconce, MFR: Littonia Lighting, Catalog No. ABERDALE, 24W	17	0%	17	EA	\$180.00	\$3,060	Elec	\$125	1.500	26	\$3,188	\$367.50	\$6,248	
170	M1: Decorative Pendant, 40W, TBD	4	0%	4	EA	\$220.00	\$880	Elec	\$125	2.000	8	\$1,000	\$470.00	\$1,880	
	M2: Decorative Pendant, MFR: Lithonia Lighting, Catalog No. Ferros Mini Pendant, 13W	3	0%	3	EA	\$185.00	\$555	Elec	\$125	2.000	6	\$750	\$435.00	\$1,305	
	M3: Kitchen Island, 60W, TBD	7	0%	7	EA EA	\$245.00 \$180.00	\$245 \$1,260	Elec Elec	\$125 \$125	2.000 1.500	11	\$250 \$1,313	\$495.00 \$367.50	\$495 \$2,573	
	N: 1x3 LED Utility Rooms, MFR: Cooper Lighting, Catalog No. 4VRVT2-LD5-4-DR-UNV-VT2, 30W P: Track Light Heads, MFR: Lithonia Lighting, Catalog No. LTFSTCYL-3H	49	0%	49	EA	\$180.00	\$8,085	Elec	\$125	1.500	59	\$7,350	\$367.50	\$2,573	
	X1: Exterior in Ground, MFR: Cascade Lighting, Model NO. #16227, 10W	1	0%	1	EA	\$150.00	\$150	Elec	\$125	1.000	1	\$125	\$275.00	\$275	
176	X2: Exterior Ceiling, MFR: Lithonia Lighting, Catalog No. CNYLED PI 40K MVOLT DDM4, 35W	5	0%	5	EA	\$190.00	\$950	Elec	\$125	1.000	5	\$625	\$315.00	\$1,575	
177	X3: Bollard, MFR: Lithonia Lighting, Catalog No. RADB LED P3 30K ASY MVOLT DDBM4, 13W	3	0%	3	EA	\$175.00	\$525	Elec	\$125	1.500	5	\$563	\$362.50	\$1,088	
178	X4: Exterior Wall Sconce, MFR: Lithonia Lighting, Catalog No. WDGE2 LED P4 40K 70CRI TFTM, 47W	5	0%	5	EA	\$222.00	\$1,110	Elec	\$125	1.500	8	\$938	\$409.50	\$2,048	
			0%	1	EA	\$180.00	\$180	Elec	\$125	1.500	2	\$188	\$367.50	\$368	
179	X5: Exterior Wall Sconce, MFR: Lithonia Lighting, Catalog No.OWP LED 40X 120 PE DCB, 13W	1													
179	XS: Exterior Wall Sconce, MFR: Lithonia Lighting, Catalog No.OWP LED 40X 120 PE DCB, 13W	1								1		I			
179	XS: Exterior Wall Sconce, MFR: Lithonia Lighting, Catalog No.OWP LED 40X 120 PE DCB, 13W  Panels.	1													
180	<u>Panels.</u> Panel [P1', 120/240V, 1Ph, 3W, 100A MCB	1	0%	1	EA FA	\$1,675.00 \$1,675.00	\$1,675 \$1.675	Elec	\$125 \$125	15.094 15.094	15 15	\$1,887 \$1,887	\$3,561.75 \$3,561.75	\$3,562 \$3,562	
180 181 182	Panels. Panel 'P1', 120/240V, 1Ph, 3W, 100A MCB Panel 'P2', 120/240V, 1Ph, 3W, 100A MCB Panel 'P3', 120/240V, 1Ph, 3W, 100A MCB	1 1 1	0% 0%	1 1	EA EA	\$1,675.00 \$1,675.00	\$1,675 \$1,675	Elec Elec	\$125 \$125	15.094 15.094	15 15	\$1,887 \$1,887	\$3,561.75 \$3,561.75	\$3,562 \$3,562	
180 181 182 183	Panels Panel 'P1', 120/240V, 1Ph, 3W, 100A MCB Panel 'P2', 120/240V, 1Ph, 3W, 100A MCB	1 1	0%	1	EA	\$1,675.00	\$1,675	Elec	\$125	15.094	15	\$1,887	\$3,561.75	\$3,562	
180 181 182 183 184	Panels Panel 'P1', 120/240V, 1Ph, 3W, 100A MCB Panel 'P2', 120/240V, 1Ph, 3W, 100A MCB Panel 'P3', 120/240V, 1Ph, 3W, 100A MCB Panel 'HP, 120/200V, 3Ph, 3W, 600A MCB Panel 'HPA', 120/208V, 3Ph, 4W, 600A MCB Panel 'HPA', 120/208V, 3Ph, 4W, 200A MLO Circuit Breakers	1 1 1 1 1	0% 0% 0% 0%	1 1 1	EA EA EA	\$1,675.00 \$1,675.00 \$6,006.00 \$2,190.00	\$1,675 \$1,675 \$6,006 \$2,190	Elec Elec Elec Elec	\$125 \$125 \$125 \$125	15.094 15.094 40.000 20.000	15 15 40 20	\$1,887 \$1,887 \$5,000 \$2,500	\$3,561.75 \$3,561.75 \$11,006.00 \$4,690.00	\$3,562 \$3,562 \$11,006 \$4,690	
180 181 182 183 184 185 186	Panels Panel 'P1', 120/240V, 1Ph, 3W, 100A MCB Panel 'P2', 120/240V, 1Ph, 3W, 100A MCB Panel 'P3', 120/240V, 1Ph, 3W, 100A MCB Panel 'HP, 120/208V, 3Ph, 4W, 600A MCB Panel 'HP, 120/208V, 3Ph, 4W, 600A MCB Panel 'HPA', 120/208V, 3Ph, 4W, 200A MLO Circuit Breakers Circuit Breaker 2P/45A	1 1 1 1 1 1 10	0% 0% 0% 0% 0%	1 1 1 1 10 1	EA EA EA EA	\$1,675.00 \$1,675.00 \$6,006.00 \$2,190.00 \$36.00 \$47.00	\$1,675 \$1,675 \$6,006 \$2,190 \$360 \$47	Elec Elec Elec Elec Elec	\$125 \$125 \$125 \$125 \$125 \$125	15.094 15.094 40.000 20.000 0.500 0.500	15 15 40 20 5	\$1,887 \$1,887 \$5,000 \$2,500 \$625 \$63	\$3,561.75 \$3,561.75 \$11,006.00 \$4,690.00 \$98.50 \$109.50	\$3,562 \$3,562 \$11,006 \$4,690 \$985 \$110	
180 181 182 183 184 185 186 187	Panel P1', 120/240V, 1Ph, 3W, 100A MCB Panel P2', 120/240V, 1Ph, 3W, 100A MCB Panel P3', 120/240V, 1Ph, 3W, 100A MCB Panel P4', 120/208V, 3Ph, 4W, 600A MCB Panel HP, 120/208V, 3Ph, 4W, 600A MCB Panel P1PA', 120/208V, 3Ph, 4W, 200A MLO Circuit Breakers Circuit Breaker 2P/30A	1 1 1 1 1 1	0% 0% 0% 0%	1 1 1 1	EA EA EA	\$1,675.00 \$1,675.00 \$6,006.00 \$2,190.00 \$36.00	\$1,675 \$1,675 \$6,006 \$2,190 \$360	Elec Elec Elec Elec	\$125 \$125 \$125 \$125 \$125	15.094 15.094 40.000 20.000	15 15 40 20	\$1,887 \$1,887 \$5,000 \$2,500 \$625	\$3,561.75 \$3,561.75 \$11,006.00 \$4,690.00 \$98.50	\$3,562 \$3,562 \$11,006 \$4,690 \$985	
180 181 182 183 184 185 186 187 188	Panel P1', 120/240V, 1Ph, 3W, 100A MCB Panel P2', 120/240V, 1Ph, 3W, 100A MCB Panel P3', 120/240V, 1Ph, 3W, 100A MCB Panel P3', 120/240V, 1Ph, 3W, 100A MCB Panel P4P, 120/208V, 3Ph, 4W, 600A MCB Panel HPA', 120/208V, 3Ph, 4W, 200A MLO Circuit Breaker 2P/30A Circuit Breaker 2P/45A Circuit Breaker 2P/40A Circuit Breaker 2P/40A Circuit Breaker 1P/20A	1 1 1 1 1 1 10 1 6 1 1 18	0% 0% 0% 0% 0% 0% 0% 0%	1 1 1 1 10 1 6 1	EA EA EA EA EA EA EA EA	\$1,675.00 \$1,675.00 \$6,006.00 \$2,190.00 \$36.00 \$47.00 \$31.00 \$42.00 \$28.00	\$1,675 \$1,675 \$6,006 \$2,190 \$360 \$47 \$186 \$42 \$504	Elec Elec Elec Elec Elec Elec Elec Elec	\$125 \$125 \$125 \$125 \$125 \$125 \$125 \$125	15.094 15.094 40.000 20.000 0.500 0.500 0.500 0.500 0.400	15 15 40 20 5 1 3 1 7	\$1,887 \$1,887 \$5,000 \$2,500 \$625 \$63 \$375 \$63 \$900	\$3,561.75 \$3,561.75 \$11,006.00 \$4,690.00 \$98.50 \$109.50 \$93.50 \$104.50 \$78.00	\$3,562 \$3,562 \$11,006 \$4,690 \$985 \$110 \$561 \$105 \$1,404	
180 181 182 183 184 185 186 187 188 189 190 191	Panel P1', 120/240V, 1Ph, 3W, 100A MCB Panel P2', 120/240V, 1Ph, 3W, 100A MCB Panel P3', 120/240V, 1Ph, 3W, 100A MCB Panel P4P, 120/208V, 3Ph, 4W, 600A MCB Panel HPA, 120/208V, 3Ph, 4W, 600A MCB Panel HPA, 120/208V, 3Ph, 4W, 200A MLO Circuit Breaker 2P/30A Circuit Breaker 2P/45A Circuit Breaker 2P/20A Circuit Breaker 2P/40A Circuit Breaker 2P/40A Circuit Breaker 2P/40A Circuit Breaker 2P/40A Circuit Breaker 2P/25A Circuit Breaker 3P/20A Circuit Breaker 3P/20A Circuit Breaker 3P/20A	1 1 1 1 1 1 10 1 6	0% 0% 0% 0% 0% 0% 0%	1 1 1 1 10 1 6	EA EA EA EA EA EA	\$1,675.00 \$1,675.00 \$6,006.00 \$2,190.00 \$36.00 \$47.00 \$31.00 \$42.00	\$1,675 \$1,675 \$6,006 \$2,190 \$360 \$47 \$186 \$42	Elec Elec Elec Elec Elec Elec Elec Elec	\$125 \$125 \$125 \$125 \$125 \$125 \$125 \$125	15.094 15.094 40.000 20.000 0.500 0.500 0.500 0.500	15 15 40 20 5 1 3	\$1,887 \$1,887 \$5,000 \$2,500 \$625 \$63 \$375 \$63	\$3,561.75 \$3,561.75 \$11,006.00 \$4,690.00 \$98.50 \$109.50 \$93.50 \$104.50	\$3,562 \$3,562 \$11,006 \$4,690 \$985 \$110 \$561 \$105	
180 181 182 183 184 185 186 187 188 189 190	Panel P1', 120/240V, 1Ph, 3W, 100A MCB Panel P2', 120/240V, 1Ph, 3W, 100A MCB Panel P3', 120/240V, 1Ph, 3W, 100A MCB Panel P3', 120/240V, 1Ph, 3W, 100A MCB Panel P4HPA, 120/208V, 3Ph, 4W, 600A MCB Panel HPA, 120/208V, 3Ph, 4W, 200A MLO Greuit Breaker 2P/30A Circuit Breaker 2P/30A Circuit Breaker 2P/20A Circuit Breaker 2P/40A Circuit Breaker 2P/40A Circuit Breaker 2P/40A Circuit Breaker 2P/40A Circuit Breaker 2P/20A	1 1 1 1 1 1 10 10 1 6 1 1 18	0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	1 1 1 1 10 1 6 1 18 4	EA	\$1,675.00 \$1,675.00 \$6,006.00 \$2,190.00 \$36.00 \$47.00 \$31.00 \$42.00 \$28.00 \$35.00	\$1,675 \$1,675 \$6,006 \$2,190 \$360 \$47 \$186 \$42 \$504 \$140	Elec Elec Elec Elec Elec Elec Elec Elec	\$125 \$125 \$125 \$125 \$125 \$125 \$125 \$125	15.094 15.094 40.000 20.000 0.500 0.500 0.500 0.500 0.400 0.500	15 15 40 20 5 1 3 1 7	\$1,887 \$1,887 \$5,000 \$2,500 \$625 \$63 \$375 \$63 \$900 \$250	\$3,561.75 \$3,561.75 \$11,006.00 \$4,690.00 \$98.50 \$109.50 \$93.50 \$104.50 \$78.00 \$97.50	\$3,562 \$3,562 \$11,006 \$4,690 \$985 \$110 \$561 \$105 \$1,404 \$390	