

p:\active projects\12-033 stantec_new fire station no. 3\12-033 ver1\12-033 to -stantec_arch_d_vert

D

C

B

A

| Distribution Panel: MDP | | | | | | | | | | | | | | | | | | | | | |
|--|------|-------|-------|------|------|---------|---------------------|----------------|----------|---|---------|------------------|---------|------------------------------|---|-----|------|-------|------|-----|-----|
| Location: Supply From: Mounting: SURFACE Enclosure: NEMA-1 Number of Sections: 1 | | | | | | | | | | Volts: 480/277 Wye Phases: 3 Wires: 4 | | | | | A.I.C. Rating: 45,000 Mains Rating: 400 A MLO Rating: 400 A | | | | | | |
| Panel Schedule Notes: R - REFER TO RISER DIAGRAM | | | | | | | | | | | | | | | | | | | | | |
| ABR | CKT | TRIP | POLES | WIRE | GND | CONDUIT | Circuit Description | A | | B | | C | | Circuit Description | CONDUIT | GND | WIRE | POLES | TRIP | CKT | ABR |
| 1 | 20 A | 1 | 2#12 | #12 | 3/4" | | QUARTERS LIGHTING | 3.6 kVA | 2.9 kVA | | | | | CU-1 | 3/4" | #12 | 4#12 | 3 | 15 A | 2 | |
| 3 | 20 A | 1 | 2#12 | #12 | 3/4" | | QUARTERS LIGHTING | | | 3.0 kVA | 2.9 kVA | | | -- | -- | -- | -- | -- | -- | 4 | -- |
| 5 | 20 A | 1 | 2#12 | #12 | 3/4" | | BAY LIGHTING | | | | | 4.8 kVA | 2.9 kVA | -- | -- | -- | -- | -- | -- | 6 | -- |
| 7 | 20 A | 1 | 2#12 | #12 | 3/4" | | EXTERIOR LIGHTING | 0.9 kVA | 2.3 kVA | | | | | CU-2 | 3/4" | #12 | 4#12 | 3 | 15 A | 8 | |
| 9 | 20 A | 1 | 2#12 | #12 | 3/4" | | FLAG LIGHTING | | | 0.0 kVA | 2.3 kVA | | | -- | -- | -- | -- | -- | -- | 10 | -- |
| 11 | 20 A | 1 | 2#10 | #10 | 3/4" | | EXTERIOR LIGHTING | | | | | 0.2 kVA | 2.3 kVA | -- | -- | -- | -- | -- | -- | 12 | -- |
| -- | 13 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 2.2 kVA | | | | | CU-3 | 3/4" | #12 | 4#12 | 3 | 15 A | 14 | |
| -- | 15 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 2.2 kVA | | | -- | -- | -- | -- | -- | -- | 16 | -- |
| -- | 17 | 20 A | 1 | -- | -- | -- | SPARE | | | | | 0.0 kVA | 2.2 kVA | -- | -- | -- | -- | -- | -- | 18 | -- |
| -- | 19 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 2.3 kVA | | | | | CU-4 | 3/4" | #12 | 4#12 | 3 | 15 A | 20 | |
| -- | 21 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 2.3 kVA | | | -- | -- | -- | -- | -- | -- | 22 | -- |
| -- | 23 | 20 A | 1 | -- | -- | -- | SPARE | | | | | 0.0 kVA | 2.3 kVA | -- | -- | -- | -- | -- | -- | 24 | -- |
| -- | 25 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 2.9 kVA | | | | | CU-5 | 3/4" | #12 | 4#12 | 3 | 15 A | 26 | |
| -- | 27 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 2.9 kVA | | | -- | -- | -- | -- | -- | -- | 28 | -- |
| -- | 29 | 20 A | 1 | -- | -- | -- | SPARE | | | | | 0.0 kVA | 2.9 kVA | -- | -- | -- | -- | -- | -- | 30 | -- |
| -- | 31 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 0.3 kVA | | | | | EF-7 | 3/4" | #12 | 4#12 | 3 | 20 A | 32 | |
| -- | 33 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 0.3 kVA | | | -- | -- | -- | -- | -- | -- | 34 | -- |
| -- | 35 | 20 A | 1 | -- | -- | -- | SPARE | | | | | 0.0 kVA | 0.3 kVA | -- | -- | -- | -- | -- | -- | 36 | -- |
| -- | 37 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 0.3 kVA | | | | | EF-8 | 3/4" | #12 | 4#12 | 3 | 20 A | 38 | |
| -- | 39 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 0.3 kVA | | | -- | -- | -- | -- | -- | -- | 40 | -- |
| -- | 41 | 20 A | 1 | -- | -- | -- | SPARE | | | | | 0.0 kVA | 0.3 kVA | -- | -- | -- | -- | -- | -- | 42 | -- |
| -- | 43 | 200 A | 3 | R | R | R | XFMR "T-LA" | 52.2 kVA | 0.0 kVA | | | 52.1 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | -- | 44 | -- |
| -- | 45 | -- | -- | -- | -- | -- | -- | | | | | 46.1 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 46 | -- |
| -- | 47 | -- | -- | -- | -- | -- | -- | | | | | | | SPARE | -- | -- | -- | 1 | 20 A | 48 | -- |
| -- | 49 | 100 A | 3 | -- | -- | -- | SPD-C | 0.0 kVA | 0.0 kVA | | | | | SPARE | -- | -- | -- | 1 | 20 A | 50 | -- |
| -- | 51 | -- | -- | -- | -- | -- | -- | | | 0.0 kVA | 0.0 kVA | | | SPARE | -- | -- | -- | 1 | 20 A | 52 | -- |
| -- | 53 | -- | -- | -- | -- | -- | -- | | | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 54 | -- |
| | | | | | | | | 70004 VA | 68295 VA | 64448 VA | | | | | | | | | | | |
| | | | | | | | | 255 A | 249 A | 233 A | | | | | | | | | | | |
| Load Classification | | | | | | | | Connected Load | | Demand Factor | | Estimated Demand | | Panel Totals | | | | | | | |
| Cooling | | | | | | | | 37884 VA | | 100.00% | | 37884 VA | | | | | | | | | |
| Other | | | | | | | | 12100 VA | | 100.00% | | 12100 VA | | Total Conn. Load: 202745 VA | | | | | | | |
| Receptacle | | | | | | | | 29680 VA | | 66.85% | | 19840 VA | | Total Est. Demand: 195903 VA | | | | | | | |
| Lighting | | | | | | | | 12101 VA | | 125.00% | | 15126 VA | | Total Conn.: 244 A | | | | | | | |
| Miscellaneous | | | | | | | | 17500 VA | | 100.00% | | 17500 VA | | Total Est. Demand: 236 A | | | | | | | |
| HVAC | | | | | | | | 93100 VA | | 100.00% | | 93100 VA | | | | | | | | | |
| PLUMBING | | | | | | | | 500 VA | | 100.00% | | 500 VA | | | | | | | | | |
| Load Summary Notes: | | | | | | | | | | | | | | | | | | | | | |

Branch Panel: LB

Location:
Supply From: LA
Mounting: SURFACE
Enclosure: NEMA-1
Number of Sections: 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Rating: 100 A
MLO Rating: 100 A

Panel Schedule Notes:

| ABR | CKT | TRIP | POLES | WIRE | GND | CONDUIT | Circuit Description | A | B | C | Circuit Description | CONDUIT | GND | WIRE | POLES | TRIP | CKT | ABR | |
|---------------------|-----|------|-------|------|-----|---------|---------------------|----------------|---------------|------------------|----------------------------|---------|-----|------|-------|------|------|-----|----|
| | 1 | 20 A | 1 | 2#12 | #12 | 3/4" | LIGHTING | 0.2 kVA | 0.0 kVA | | SPARE | -- | -- | -- | 1 | 20 A | 2 | -- | |
| | 3 | 20 A | 1 | 2#12 | #12 | 3/4" | EXTERIOR LIGHTING | | 0.2 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 4 | -- | |
| | 5 | 30 A | 2 | 3#10 | #10 | 3/4" | RECEPTACLE | | | 1.5 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 6 | -- |
| -- | 7 | -- | -- | -- | -- | -- | -- | 1.5 kVA | 0.0 kVA | | SPARE | -- | -- | -- | 1 | 20 A | 8 | -- | |
| | 9 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPTACLE | | 0.2 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 10 | -- | |
| | 11 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPTACLE | | | 0.2 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 12 | -- |
| | 13 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPTACLE | 0.2 kVA | 0.0 kVA | | SPARE | -- | -- | -- | 1 | 20 A | 14 | -- | |
| | 15 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPTACLE | | 0.2 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 16 | -- | |
| | 17 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPTACLE | | | 0.4 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 18 | -- |
| | 19 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPTACLE | 0.4 kVA | 0.0 kVA | | SPARE | -- | -- | -- | 1 | 20 A | 20 | -- | |
| | 21 | 20 A | 1 | 2#12 | #12 | 3/4" | MOTORIZED DOOR | | 0.5 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 22 | -- | |
| -- | 23 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 24 | -- |
| -- | 25 | 60 A | 3 | -- | -- | -- | SPD-A | 0.0 kVA | 0.0 kVA | | SPARE | -- | -- | -- | 1 | 20 A | 26 | -- | |
| -- | 27 | -- | -- | -- | -- | -- | -- | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 28 | -- | |
| -- | 29 | -- | -- | -- | -- | -- | -- | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 30 | -- |
| | | | | | | | | 2050 VA | 1010 VA | 2040 VA | | | | | | | | | |
| | | | | | | | | 18 A | 8 A | 18 A | | | | | | | | | |
| Load Classification | | | | | | | | Connected Load | Demand Factor | Estimated Demand | Panel Totals | | | | | | | | |
| Other | | | | | | | | 500 VA | 100.00% | 500 VA | | | | | | | | | |
| Receptacle | | | | | | | | 1440 VA | 100.00% | 1440 VA | Total Conn. Load: 5094 VA | | | | | | | | |
| Lighting | | | | | | | | 250 VA | 125.00% | 313 VA | Total Est. Demand: 5134 VA | | | | | | | | |
| Miscellaneous | | | | | | | | 3000 VA | 100.00% | 3000 VA | Total Conn.: 14 A | | | | | | | | |
| | | | | | | | | | | | Total Est. Demand: 14 A | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Load Summary Notes: | | | | | | | | | | | | | | | | | | | |

| Branch Panel: LA | | | | | | | | | | Volts: 120/208 Wye | | A.I.C. Rating: 22,000 | | | | | | | | |
|---|-----|-------|-------|------|-----|---------|-----------------------|----------------|---------|--------------------|---------------------|-----------------------|------|------------------------------|-------|------|------|------|-----|----|
| Location: Supply From: T-LA | | | | | | | | | | Phases: 3 | | Mains Rating: 400 A | | | | | | | | |
| Mounting: SURFACE | | | | | | | | | | Wires: 4 | | MCB Rating: 400 A | | | | | | | | |
| Enclosure: NEMA-1 | | | | | | | | | | | | | | | | | | | | |
| Number of Sections: 2 | | | | | | | | | | | | | | | | | | | | |
| Panel Schedule Notes: | | | | | | | | | | | | | | | | | | | | |
| (G) - GFCI BREAKER / (A) - AFCI BREAKER | | | | | | | | | | | | | | | | | | | | |
| ABR | CKT | TRIP | POLES | WIRE | GND | CONDUIT | Circuit Description | A | B | C | Circuit Description | CONDUIT | GND | WIRE | POLES | TRIP | CKT | ABR | | |
| A | 1 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | 0.7 kVA | 1.5 kVA | | DRYER | 3/4" | #10 | 3#10 | 2 | 30 A | 2 | G | | |
| A | 3 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | | | 0.7 kVA | 1.5 kVA | -- | -- | -- | -- | -- | 4 | -- | | |
| A | 5 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | | | | | 3/4" | #10 | 3#10 | 2 | 30 A | 6 | G | | |
| A | 7 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | 0.7 kVA | 1.5 kVA | | DRYER | -- | -- | -- | -- | -- | 8 | -- | | |
| A | 9 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | | 0.7 kVA | 0.2 kVA | | 3/4" | #12 | 2#12 | 1 | 20 A | 10 | G | | |
| A | 11 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | | | 0.7 kVA | 0.2 kVA | 3/4" | #12 | 2#12 | 1 | 20 A | 12 | G | | |
| A | 13 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | 0.4 kVA | 0.5 kVA | | WASHER | 3/4" | #12 | 2#12 | 1 | 20 A | 14 | | | |
| A | 15 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | | 0.4 kVA | 0.5 kVA | WASHER | 3/4" | #12 | 2#12 | 1 | 20 A | 16 | | | |
| A | 17 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | | | | HEAT TRACE | 3/4" | #12 | 2#12 | 1 | 20 A | 18 | | | |
| A | 19 | 20 A | 1 | 2#12 | #12 | 3/4" | DORM ROOM | 0.5 kVA | 4.0 kVA | | HEAT TRACE | 3/4" | #12 | 2#12 | 1 | 20 A | 20 | | | |
| A | 21 | 20 A | 1 | 2#12 | #12 | 3/4" | CORRIDOR | | | | REFRIGERATOR | 3/4" | #12 | 2#12 | 2 | 50 A | 20 | | | |
| A | 23 | 20 A | 1 | 2#12 | #12 | 3/4" | CORRIDOR | | 1.1 kVA | 4.0 kVA | ELECTRIC RANGE | 3/4" | #10 | 3#8 | 2 | 50 A | 20 | | | |
| A | 25 | 20 A | 1 | 2#12 | #12 | 3/4" | FIRE CHIEF OFFICE | | | | | -- | -- | -- | -- | -- | 22 | -- | | |
| A | 27 | 20 A | 1 | 2#12 | #12 | 3/4" | FIRE CHIEF OFFICE | 0.2 kVA | 0.2 kVA | | GAS RANGE | 3/4" | #12 | 2#12 | 1 | 20 A | 24 | | | |
| A | 29 | 20 A | 1 | 2#12 | #12 | 3/4" | ADMIN ASSISTANT | | 0.7 kVA | 0.5 kVA | GARBAGE DISPOSAL | 3/4" | #12 | 2#12 | 1 | 20 A | 26 | | | |
| A | 31 | 20 A | 1 | 2#12 | #12 | 3/4" | LOBBY | | | 0.5 kVA | 0.2 kVA | 3/4" | #12 | 2#12 | 1 | 20 A | 28 | | | |
| A | 33 | 20 A | 1 | 2#12 | #12 | 3/4" | WATCH DESK | 0.5 kVA | 0.2 kVA | | KITCHEN HOOD | 3/4" | #12 | 2#12 | 1 | 20 A | 30 | | | |
| A | 35 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPT | | 0.9 kVA | 0.2 kVA | COUNTERTOP | 3/4" | #12 | 2#12 | 1 | 20 A | 32 | | | |
| A | 37 | 20 A | 1 | 2#12 | #12 | 3/4" | SHIFT SUPPRVSR OFFICE | | | 0.4 kVA | 0.2 kVA | COUNTERTOP | 3/4" | #12 | 2#12 | 1 | 20 A | 34 | | |
| A | 39 | 20 A | 1 | 2#12 | #12 | 3/4" | EXTERIOR RECEPT | 0.7 kVA | 0.2 kVA | | COUNTERTOP | 3/4" | #12 | 2#12 | 1 | 20 A | 36 | | | |
| A | 41 | 20 A | 1 | 2#12 | #12 | 3/4" | EXTERIOR RECEPT | | 0.9 kVA | 0.2 kVA | COUNTERTOP | 3/4" | #12 | 2#12 | 1 | 20 A | 38 | | | |
| A | 43 | 20 A | 1 | 2#12 | #12 | 3/4" | TRAINING/CONFERENCE | | | 0.9 kVA | 0.2 kVA | COUNTERTOP | 3/4" | #12 | 2#12 | 1 | 20 A | 40 | | |
| A | 45 | 20 A | 1 | 2#12 | #12 | 3/4" | TRAINING/CONFERENCE | 1.2 kVA | 0.2 kVA | | TTB | 3/4" | #12 | 2#12 | 1 | 20 A | 42 | | | |
| A | 47 | 20 A | 1 | 2#12 | #12 | 3/4" | TRAINING/CONFERENCE | | 0.5 kVA | 0.5 kVA | APPARATUS BAY DOORS | 3/4" | #12 | 2#12 | 1 | 20 A | 44 | | | |
| A | 49 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPT | | | 1.3 kVA | 0.5 kVA | APPARATUS BAY DOORS | 3/4" | #12 | 2#12 | 1 | 20 A | 46 | | |
| A | 51 | 20 A | 1 | 2#12 | #12 | 3/4" | DAY ROOM | 0.7 kVA | 0.5 kVA | | APPARATUS BAY DOORS | 3/4" | #12 | 2#12 | 1 | 20 A | 48 | | | |
| A | 53 | 20 A | 1 | 2#12 | #12 | 3/4" | DAY ROOM | | 0.7 kVA | 0.5 kVA | APPARATUS BAY DOORS | 3/4" | #12 | 2#12 | 1 | 20 A | 50 | | | |
| A | 55 | 20 A | 1 | 2#12 | #12 | 3/4" | FITNESS/RECREATION | | | | APPARATUS BAY DOORS | 3/4" | #12 | 2#12 | 1 | 20 A | 52 | | | |
| A | 57 | 20 A | 1 | 2#12 | #12 | 3/4" | FITNESS/RECREATION | 0.4 kVA | 0.2 kVA | | SHOWER ROOM | 3/4" | #12 | 2#12 | 1 | 20 A | 54 | A | | |
| A | 59 | 20 A | 1 | 2#12 | #12 | 3/4" | FITNESS/RECREATION | | 0.4 kVA | 0.2 kVA | SHOWER ROOM | 3/4" | #12 | 2#12 | 1 | 20 A | 56 | A | | |
| A | 61 | 20 A | 1 | 2#12 | #12 | 3/4" | FITNESS/RECREATION | | | 0.4 kVA | 0.2 kVA | SHOWER ROOM | 3/4" | #12 | 2#12 | 1 | 20 A | 58 | A | |
| A | 63 | 20 A | 1 | 2#12 | #12 | 3/4" | APPARATUS BAY | 0.4 kVA | 0.5 kVA | | FACP | 3/4" | #12 | 2#12 | 1 | 20 A | 60 | A | | |
| A | 65 | 20 A | 1 | 2#12 | #12 | 3/4" | APPARATUS BAY | | 0.7 kVA | 6.6 kVA | AHU-1 | 1" | #10 | 4#6 | 3 | 60 A | 62 | | | |
| A | 67 | 20 A | 1 | 2#12 | #12 | 3/4" | APPARATUS BAY | 0.5 kVA | 6.6 kVA | | -- | -- | -- | -- | -- | 64 | -- | | | |
| A | 69 | 20 A | 1 | 2#12 | #12 | 3/4" | APPARATUS BAY | | | 0.5 kVA | 5.6 kVA | -- | -- | -- | -- | -- | 66 | -- | | |
| G | 71 | 20 A | 1 | 2#12 | #12 | 3/4" | APPARATUS BAY | 0.5 kVA | 5.6 kVA | | AHU-2 | 3/4" | #10 | 4#8 | 3 | 50 A | 70 | | | |
| G | 73 | 20 A | 1 | 2#12 | #12 | 3/4" | APPARATUS BAY | | | 0.5 kVA | 5.6 kVA | -- | -- | -- | -- | -- | 72 | -- | | |
| G | 75 | 20 A | 1 | 2#12 | #12 | 3/4" | APPARATUS BAY | 0.5 kVA | 3.9 kVA | | AHU-3 | 3/4" | #10 | 4#8 | 3 | 35 A | 74 | | | |
| G | 77 | 20 A | 1 | 2#12 | #12 | 3/4" | APPARATUS BAY | | | 0.5 kVA | 3.9 kVA | -- | -- | -- | -- | -- | 76 | -- | | |
| A | 79 | 20 A | 1 | 2#12 | #12 | 3/4" | RADIO CHARGERS | 0.2 kVA | 3.9 kVA | | -- | -- | -- | -- | -- | -- | 78 | -- | | |
| A | 81 | 20 A | 1 | 2#12 | #12 | 3/4" | RADIO CHARGERS | | 0.2 kVA | 5.6 kVA | AHU-4 | 3/4" | #10 | 4#8 | 3 | 50 A | 80 | | | |
| A | 83 | 20 A | 1 | 2#12 | #12 | 3/4" | RADIO CHARGERS | | | 0.2 kVA | 5.6 kVA | -- | -- | -- | -- | -- | 82 | -- | | |
| A | 85 | 20 A | 1 | 2#12 | #12 | 3/4" | RADIO CHARGERS | 0.2 kVA | 5.6 kVA | | -- | -- | -- | -- | -- | -- | 84 | -- | | |
| A | 87 | 20 A | 1 | 2#12 | #12 | 3/4" | GENERATOR ACCESSORY | | 0.5 kVA | 6.6 kVA | AHU-5 | 1" | #10 | 4#6 | 3 | 60 A | 86 | | | |
| A | 89 | 20 A | 1 | 2#12 | #12 | 3/4" | GENERATOR ACCESSORY | | | 0.5 kVA | 6.6 kVA | -- | -- | -- | -- | -- | 88 | -- | | |
| A | 91 | 20 A | 1 | 2#12 | #12 | 3/4" | GENERATOR ACCESSORY | 0.5 kVA | 6.6 kVA | | -- | -- | -- | -- | -- | -- | 90 | -- | | |
| A | 93 | 20 A | 1 | 2#12 | #12 | 3/4" | MOTORIZED LOUVERS | | 1.0 kVA | 0.8 kVA | MSCU-1/MSAH-1 | 3/4" | #12 | 3#12 | 2 | 15 A | 94 | | | |
| A | 95 | 20 A | 1 | 2#12 | #12 | 3/4" | MOTORIZED DAMPER | | | 1.0 kVA | 0.8 kVA | -- | -- | -- | -- | -- | 96 | -- | | |
| A | 97 | 20 A | 1 | 2#12 | #12 | 3/4" | MOTORIZED DAMPER | 1.5 kVA | 0.8 kVA | | MSCU-2/MSAH-2 | 3/4" | #12 | 3#12 | 2 | 15 A | 98 | | | |
| A | 99 | 20 A | 1 | 2#12 | #12 | 3/4" | RECEPTACLE | | 0.7 kVA | 0.8 kVA | -- | -- | -- | -- | -- | -- | 100 | -- | | |
| -- | 101 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 0.6 kVA | UH-1 | 3/4" | #12 | 2#12 | 1 | 15 A | 102 | | |
| -- | 103 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 0.6 kVA | | UH-2 | 3/4" | #12 | 2#12 | 1 | 15 A | 104 | | | |
| -- | 105 | 20 A | 1 | -- | -- | -- | SPARE | | 0.0 kVA | 0.5 kVA | WH-1 | 3/4" | #12 | 2#12 | 1 | 20 A | 106 | | | |
| -- | 107 | 20 A | 1 | -- | -- | -- | SPARE | | | | EUH | 3/4" | #12 | 2#12... | 3 | 30 A | 108 | | | |
| -- | 109 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 1.3 kVA | | -- | -- | -- | -- | -- | -- | 110 | -- | | |
| -- | 111 | 20 A | 1 | -- | -- | -- | SPARE | | 0.0 kVA | 1.3 kVA | -- | -- | -- | -- | -- | -- | 112 | -- | | |
| -- | 113 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | 1 | 20 A | 114 | -- | |
| -- | 115 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 0.0 kVA | | SPARE | -- | -- | -- | -- | 1 | 20 A | 116 | -- | |
| -- | 117 | 20 A | 1 | -- | -- | -- | SPARE | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 118 | -- | |
| -- | 119 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 120 | -- |
| -- | 121 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 0.0 kVA | | SPARE | -- | -- | -- | -- | 1 | 20 A | 122 | -- | |
| -- | 123 | 20 A | 1 | -- | -- | -- | SPARE | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 124 | -- | |
| -- | 125 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 126 | -- |
| -- | 127 | 20 A | 1 | -- | -- | -- | SPARE | 0.0 kVA | 0.0 kVA | | SPARE | -- | -- | -- | -- | 1 | 20 A | 128 | -- | |
| -- | 129 | 20 A | 1 | -- | -- | -- | SPARE | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 130 | -- | |
| -- | 131 | 20 A | 1 | -- | -- | -- | SPARE | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 132 | -- |
| -- | 133 | 100 A | 3 | R | R | R | PANEL "LBP" | 2.0 kVA | 0.0 kVA | | SPARE | -- | -- | -- | -- | 1 | 20 A | 134 | -- | |
| -- | 135 | -- | -- | -- | -- | -- | -- | | 1.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 136 | -- | |
| -- | 137 | -- | -- | -- | -- | -- | -- | | | 2.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 138 | -- |
| -- | 139 | 60 A | 3 | -- | -- | -- | SPD-B | 0.0 kVA | 0.0 kVA | | SPARE | -- | -- | -- | -- | 1 | 20 A | 140 | -- | |
| -- | 141 | -- | -- | -- | -- | -- | -- | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 142 | -- |
| -- | 143 | -- | -- | -- | -- | -- | -- | | | 0.0 kVA | 0.0 kVA | SPARE | -- | -- | -- | -- | 1 | 20 A | 144 | -- |
| | | | | | | | | 52238 VA | | 52055 VA | | 46138 VA | | | | | | | | |
| | | | | | | | | 443 A | | 441 A | | 384 A | | | | | | | | |
| Load Classification | | | | | | | | Connected Load | | Demand Factor | | Estimated Demand | | Panel Totals | | | | | | |
| Other | | | | | | | | 9500 VA | | 100.00% | | 9500 VA | | | | | | | | |
| Receptacle | | | | | | | | 29680 VA | | 66.85% | | 19840 VA | | Total Conn. Load: 150430 VA | | | | | | |
| Lighting | | | | | | | | 250 VA | | 125.00% | | 313 VA | | Total Est. Demand: 140628 VA | | | | | | |
| Miscellaneous | | | | | | | | 17500 VA | | 100.00% | | 17500 VA | | Total Conn.: 418 A | | | | | | |
| HVAC | | | | | | | | 93100 VA | | 100.00% | | 93100 VA | | Total Est. Demand: 390 A | | | | | | |
| PLUMBING | | | | | | | | 500 VA | | 100.00% | | 500 VA | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Load Summary Notes: | | | | | | | | | | | | | | | | | | | | |