

| PANEL NAME: HB | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|---------------|------------------|-----------------------------|---|------|-------------------------------|------|------|------------------------|------|------------------|------|--|
| SUPPLY FROM: LSPA | | MANS RATING(A): 225 | | | FAULT CURRENT (A): 15143 | | | SURGE SUPPRESSION: ULSE | | | ENCLOSURE TYPE: NEMA 1 | | ISOLATED GROUND: | | |
| LOCATION: ELECTRICAL 138 | | MANS TYPE: MAIN LUGS ONLY | | | SHORT CIRCUIT RATING: 50000 | | | USE: | | | 200% NEUTRAL | | | | |
| DISTRIBUTION SYSTEM: 480/277V 3PH 4W | | FEEDER: (6) #800 KCMIL AL (1) #2 AWG AL GND IN F CONDUIT | | | LUGS TYPE: | | | ISOLATED GROUND: | | | ISOLATED GROUND: | | | | |
| CKT | CIRCUIT DESCRIPTION | WVA | AWG | TRIP | POLE | A | B | C | POLE | TRIP | POLE | A | B | C | |
| 1 | 22F K3 18 K3 2P SPEDAL TV LIGHTING | 2.52 | #12 | #12 | 2P | 1.47 | 1.48 | | 1 | 20A | #12 | 2.48 | | | |
| 2 | AMT A1 | 2.45 | #12 | #12 | 2P | 1.01 | 1.08 | | 1 | 20A | #12 | 2.69 | | | |
| 3 | 5 D1 D1 D1 | 0.88 | #12 | #12 | 2P | 0.87 | 0.94 | | 1 | 20A | #12 | 1.41 | | | |
| 4 | CUSTOMER MEN 110 CB 022 | 1.49 | #12 | #12 | 2P | 0.98 | 1.17 | | 1 | 20A | #12 | 1.76 | | | |
| 5 | BEU SERVICE 2X 116 C21 | 1.49 | #12 | #12 | 2P | 0.41 | 1.78 | | 1 | 20A | #12 | 1.78 | | | |
| 6 | MEAT SEAFOOD SERVICE 199 C1 | 0.66 | #12 | #12 | 2P | 0.14 | 0.57 | | 1 | 20A | #12 | 1.33 | | | |
| 7 | FLORAL PREP 162 C1 K3 4 D | 1.12 | #12 | #12 | 2P | 0.33 | 1.30 | | 1 | 20A | #12 | 1.63 | | | |
| 8 | FAMILY 110 Q8 C1 L18 | 1.19 | #12 | #12 | 2P | 0.36 | 0.32 | 2.18 | 1 | 20A | #12 | 1.23 | | | |
| 9 | ASSOCIATE MEN 209 CB C1 D1 K3 K3 K3 K3 2K | 3.68 | #10 | #10 | 2P | 1 | 1 | | 1 | 20A | #10 | 4.29 | | | |
| 10 | SITE LIGHTING | 3.89 | #12 | #12 | 2P | 1.34 | 1.34 | 1.64 | 0.87 | 1.54 | 2 | 20A | #12 | 2.58 | |
| 11 | SITE LIGHTING | 3.89 | #12 | #12 | 2P | 0.87 | 1.25 | | 2 | 20A | #12 | 2.58 | | | |
| 12 | SITE LIGHTING | 4.32 | #12 | #12 | 2P | 1.00 | 0.85 | 1 | 20A | #12 | 2.38 | | | | |
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| LOAD CLASSIFICATION | | CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND | | NOTES: | | BREAKER QUANTITIES (NEW ONLY) | | | | | | | |
| Lighting | | 29788 VA | 125.00% | 37254 VA | | DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED. | | 18 @ 20A / 1P, (3) 20A / 1P | | | | | | | |
| PANEL TOTALS | | CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND | | NOTES: | | BREAKER QUANTITIES (NEW ONLY) | | | | | | | |
| | | 29788 VA | 125.00% | 37254 VA | | | | 18 @ 20A / 1P, (3) 20A / 1P | | | | | | | |

| PANEL NAME: HA | | | | | | | | | | | | | | | |
|--------------------------------------|---------------------|--|---------------|------------------|-----------------------------|---|------|-------------------------------|------|------|------------------------|------|------------------|---|--|
| SUPPLY FROM: LSPA | | MANS RATING(A): 225 | | | FAULT CURRENT (A): 15143 | | | SURGE SUPPRESSION: ULSE | | | ENCLOSURE TYPE: NEMA 1 | | ISOLATED GROUND: | | |
| LOCATION: ELECTRICAL 138 | | MANS TYPE: MAIN LUGS ONLY | | | SHORT CIRCUIT RATING: 50000 | | | USE: | | | 200% NEUTRAL | | | | |
| DISTRIBUTION SYSTEM: 480/277V 3PH 4W | | FEEDER: (6) #800 KCMIL AL (1) #2 AWG AL GND IN F CONDUIT | | | LUGS TYPE: | | | ISOLATED GROUND: | | | ISOLATED GROUND: | | | | |
| CKT | CIRCUIT DESCRIPTION | WVA | AWG | TRIP | POLE | A | B | C | POLE | TRIP | POLE | A | B | C | |
| 1 | SPARE | 2.42 | #12 | #12 | 2P | 1.47 | 1.48 | | 1 | 20A | #12 | 2.48 | | | |
| 2 | SPARE | 4.81 | #12 | #12 | 2P | 1 | 1 | | 1 | 20A | #12 | 3.03 | | | |
| 3 | SPARE | 0.00 | | | | 0.00 | 1.96 | 1 | 20A | #12 | 1.41 | | | | |
| 4 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 5 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 6 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 7 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 8 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 9 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 10 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 11 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 12 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 13 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 14 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 15 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 16 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 17 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 18 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 19 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 20 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 21 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 22 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 23 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 24 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 25 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 26 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 27 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 28 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 29 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 30 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 31 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 32 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 33 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 34 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 35 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 36 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 37 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 38 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| 39 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 40 | SPARE | 0.00 | | | | 0.00 | 2.11 | | 1 | 20A | #12 | 1.41 | | | |
| 41 | SPARE | 0.00 | | | | 0.00 | 4.22 | 1 | 20A | #12 | 1.41 | | | | |
| LOAD CLASSIFICATION | | CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND | | NOTES: | | BREAKER QUANTITIES (NEW ONLY) | | | | | | | |
| Lighting | | 4120 VA | 125.00% | 5150 VA | | DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED. | | 18 @ 20A / 1P, (3) 20A / 1P | | | | | | | |
| PANEL TOTALS | | CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND | | NOTES: | | BREAKER QUANTITIES (NEW ONLY) | | | | | | | |
| | | 4120 VA | 125.00% | 5150 VA | | | | 18 @ 20A / 1P, (3) 20A / 1P | | | | | | | |

| PANEL NAME: ELD | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|------|------|-----------------------------|------|------|-------------------------|------|------|------------------------|------|------------------|---|--|
| SUPPLY FROM: TEL D | | MANS RATING(A): 125 | | | FAULT CURRENT (A): 6507 | | | SURGE SUPPRESSION: ULSE | | | ENCLOSURE TYPE: NEMA 1 | | ISOLATED GROUND: | | |
| LOCATION: ELECTRICAL 138 | | MANS TYPE: THERMAL MAGNETIC | | | SHORT CIRCUIT RATING: 10000 | | | USE: | | | 200% NEUTRAL | | | | |
| DISTRIBUTION SYSTEM: 208/277V 3PH 4W | | FEEDER: (6) #800 KCMIL AL (1) #2 AWG AL GND IN F CONDUIT | | | LUGS TYPE: | | | ISOLATED GROUND: | | | ISOLATED GROUND: | | | | |
| CKT | CIRCUIT DESCRIPTION | WVA | AWG | TRIP | POLE | A | B | C | POLE | TRIP | POLE | A | B | C | |
| 1 | EL200 FIRE PANEL 120V LEAK DETECTION E1000 | 1.12 | #12 | #12 | 2P | 0.58 | 1.17 | | 1 | 20A | #12 | 1.36 | | | |
| 2 | 208V THERMAL PRINTER E4 LABEL PRINTER E219 D02 | 4.30 | #8 | #8 | 1P | 1.28 | 1.51 | | 1 | 20A | #8 | 3.48 | | | |
| 3 | 208V THERMAL PRINTER E4 LABEL PRINTER E219 D02 | 4.30 | #8 | #8 | 1P | 1.28 | 1.51 | | 1 | 20A | #8 | 3.48 | | | |
| 4 | 208V THERMAL PRINTER E4 LABEL PRINTER E219 D02 | 4.30 | #8 | #8 | 1P | 1.28 | 1.51 | | 1 | 20A | #8 | 3.48 | | | |
| 5 | 208V THERMAL PRINTER E4 LABEL PRINTER E219 D02 | 4.30 | #8 | #8 | 1P | 1.28 | 1.51 | | 1 | 20A | #8 | 3.48 | | | |
| 6 | 208V THERMAL PRINTER E4 LABEL PRINTER E219 D02 | 4.30 | #8 | #8 | 1P | 1.28 | 1.51 | | 1 | 20A | #8 | 3.48 | | | |
| 7 | 208V THERMAL PRINTER E4 LABEL PRINTER E219 D02 | 4.30 | #8 | #8 | 1P | 1.28 | 1.51 | | 1 | 20A | #8 | 3.48 | | | |
| 8 | 208V THERMAL PRINTER E4 LABEL PRINTER E219 D02 | 4.30 | #8 | #8 | 1P | 1.28 | 1.51 | | 1 | 20A | #8 | 3.48 | | | |
| 9 | 208V THERMAL PRINTER E4 LABEL PRINTER E219 D02 | 4.30 | #8</ | | | | | | | | | | | | |