

| PANEL NAME: LA | | | | | | | | | | | | | | | PHASE: Existing | | | | | | | | | | |
|--|---------------------------|--|--|--|----------------------------|---------|-----|------|-------|------------------------------------|---------|------|------|------------|-------------------------------|------|------|------|---------------------|---|------------|--|-----|----|----|
| SUPPLY FROM: LDPA | | | | | MAINS RATING (A): 225 | | | | | FAULT CURRENT (A): 1200 | | | | | SURGE SUPPRESSION: | | | | | | | | | | |
| LOCATION: MAIN ELECTRIC ROOM 19 | | | | | MAINS TYPE: MAIN LUGS ONLY | | | | | SHORT CIRCUIT RATING (A): EXISTING | | | | | ULSE: | | | | | | | | | | |
| DISTRIBUTION SYSTEM: 208/120V 3PH 4W | | | | | FEEDER ID: X225 | | | | | LUGS TYPE: | | | | | 200% NEUTRAL: | | | | | | | | | | |
| FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISE | | | | | ENCLOSURE TYPE: NEMA 1 | | | | | ISOLATED GROUND: | | | | | ISOLATED GROUND: | | | | | | | | | | |
| OKT | CIRCUIT DESCRIPTION | | | | VD% | AWG | GND | TRIP | FRAME | POLE | A | B | C | POLE FRAME | TRIP | GND | AWG | VD% | CIRCUIT DESCRIPTION | | | | OKT | | |
| 1 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | 0.00 | 0.00 | | | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 2 | |
| 3 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | 0.00 | 0.00 | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 4 | |
| 5 (H) GGDNL12H GROCERY CASE NON-CONT... | | | | | 3.669 | #12 | #12 | 20 A | 20 A | 1 | | | | 0.91 | 0.00 | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 6 |
| 7 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | 0.00 | 0.00 | | | | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 8 |
| 9 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | 0.00 | 0.00 | | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 10 |
| 11 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | | 0.00 | 0.00 | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 12 |
| 13 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | 0.00 | 0.00 | | | | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 14 |
| 15 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | 0.00 | 0.00 | | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 16 |
| 17 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | | 0.00 | 0.00 | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 18 |
| 19 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | 0.00 | 0.00 | | | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 20 | |
| 21 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | 0.00 | 0.00 | | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 22 |
| 23 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | | 0.00 | 0.00 | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 24 |
| 25 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | 0.00 | 0.00 | | | | 1 | 20 A | 20 A | -- | -- | (EX) | | | | 26 |
| 27 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | 0.00 | -- | | 1 | -- | -- | -- | -- | (EX) SPACE | | | | 28 |
| 29 (EX) | | | | | -- | -- | -- | 20 A | 20 A | 1 | | | | 0.00 | 1.11 | 1 | 20 A | 20 A | #8 | #8 3.489 (H) MCDNLTH LOW-TEMP CASE SGGDLTH... | | | | | 30 |
| 31 | DEFROST SALES AREA 2 | | | | 3.027 | #10 | #10 | 25 A | 25 A | 3 | 2.33 | 0.00 | | | | 3 | 20 A | 20 A | -- | -- | (EX) SPARE | | | | 32 |
| 33 | | | | | | | | | | | 2.33 | 0.00 | | | | | | | | | | | | | 34 |
| 35 | | | | | | | | | | | 2.10 | -- | | | 1 | -- | -- | -- | -- | -- | (EX) SPACE | | | | 36 |
| 37 | | | | | | | | | | | | | | | 1 | -- | -- | -- | -- | -- | (EX) SPACE | | | | 38 |
| 39 | DEFROST SEAFOOD PREP 12 | | | | 3.282 | #8 | #8 | 25 A | 25 A | 3 | 2.10 | -- | | | 2.10 | -- | | -- | -- | -- | (EX) SPACE | | | | 40 |
| 41 | | | | | | | | | | | | | | | | | | | | | (EX) SPACE | | | | 42 |
| TOTAL CONNECTED LOAD: | | | | | 4.4 kVA | 4.4 kVA | | | | | 6.5 kVA | | | | | | | | | | | | | | |
| LOAD CLASSIFICATION | | | | | CONNECTED LOAD | | | | | DEMAND FACTOR | | | | | ESTIMATED DEMAND | | | | | PANEL TOTALS | | | | | |
| Continuous | | | | | 0 VA | | | | | 0.00% | | | | | 0 VA | | | | | EXISTING CONNECTED LOAD: | | | | | |
| Cooling | | | | | 0 VA | | | | | 0.00% | | | | | 0 VA | | | | | EXISTING LOAD DEMAND FACTOR: | | | | | |
| Elevator | | | | | 0 VA | | | | | 0.00% | | | | | 0 VA | | | | | ADDED CONNECTED LOAD: | | | | | |
| Heating | | | | | 0 VA | | | | | 0.00% | | | | | 0 VA | | | | | 15321 VA | | | | | |
| Kitchen Equipment | | | | | 0 VA | | | | | 0.00% | | | | | 0 VA | | | | | DEMAND CALCULATION NOTES: | | | | | |
| Lighting | | | | | 0 VA | | | | | 0.00% | | | | | 0 VA | | | | | TOTAL DEMAND: | | | | | |
| Motor | | | | | 0 VA | | | | | 0.00% | | | | | 0 VA | | | | | 15321.0 VA | | | | | |
| Non-Continuous | | | | | 15321 VA | | | | | 100.00% | | | | | 15321 VA | | | | | TOTAL DEMAND AMPS: 43 A | | | | | |
| Receptacle | | | | | 0 VA | | | | | 0.00% | | | | | 0 VA | | | | | | | | | | |
| NOTES: | | | | | | | | | | | | | | | BREAKER QUANTITIES (NEW ONLY) | | | | | | | | | | |
| | | | | | | | | | | | | | | | (2) 25A / 3P | | | | | | | | | | |

| PANEL NAME: LDPA | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|----|---------------|------------------------|------------------|-------|------------------------------|------------------------------------|------|------|------|--------------------------|-------|-------|-------|-----|-----|---|-----|-----|
| SUPPLY FROM: TL0PA | | | | MAINS RATING (A): 100 | | | | FAULT CURRENT (A): 13560 | | | | PHASE: Existing | | | | | | | | |
| LOCATION: MAIN ELECTRIC ROOM 19 | | | | MAINS TYPE: FUSED | | | | SHORT CIRCUIT RATING (A): EXISTING | | | | SURGE SUPPRESSION: ULSE: | | | | | | | | |
| DISTRIBUTION SYSTEM: 208/120V 3PH 4W | | | | FEEDER ID: X1600 | | | | LUGS TYPE: | | | | 200% NEUTRAL: | | | | | | | | |
| FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISE | | | | ENCLOSURE TYPE: NEMA 1 | | | | ISOLATED GROUND: | | | | ISOLATED GROUND: | | | | | | | | |
| OKT | CIRCUIT DESCRIPTION | | VD% | AWG | GND | TRIP | FRAME | POLE | A | B | C | POLE | FRAME | TRIP | GND | AWG | VD% | CIRCUIT DESCRIPTION | | OKT |
| 1 | | | | | | | | | 4.43 | -- | | | | | | | | | | 2 |
| 3 | (EX) | LA | | SL | SL | 225 A | 225 A | 3 | | 4.43 | -- | -- | 3 | -- | -- | -- | -- | ALL OTHER BREAKERS ARE EXISTING TO REMAIN | | 4 |
| 5 | | | | | | | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | 0.00 | 3.27 | | | | | | | | | | 8 |
| 9 | (EX) | LB | | SL | SL | 225 A | 225 A | 3 | | 0.35 | 4.42 | | 3 | 225 A | 225 A | SL | SL | (EX) | LM1 | 10 |
| 11 | | | | | | | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | 0.76 | 2.09 | | | | | | | | | | 14 |
| 15 | (EX) | LC | | SL | SL | 225 A | 225 A | 3 | | 0.00 | 0.10 | | 3 | 100 A | 100 A | SL | SL | (EX) | LV | 16 |
| 17 | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | 32 |
| 33 | | | | | | | | | | | | | | | | | | | | 34 |
| 35 | | | | | | | | | | | | | | | | | | | | 36 |
| 37 | | | | | | | | | | | | | | | | | | | | 38 |
| 39 | | | | | | | | | | | | | | | | | | | | 40 |
| 41 | | | | | | | | | | | | | | | | | | | | 42 |
| TOTAL CONNECTED LOAD: 10.6 kVA 9.3 kVA 10.9 kVA | | | | | | | | | | | | | | | | | | | | |
| LOAD CLASSIFICATION | CONNECTED LOAD | | DEMAND FACTOR | | ESTIMATED DEMAND | | PANEL TOTALS | | | | | | | | | | | | | |
| Continuous | 0 VA | | 0.00% | | 0 VA | | EXISTING CONNECTED LOAD: | | | | | | | | | | | | | |
| Cooling | 0 VA | | 0.00% | | 0 VA | | EXISTING LOAD DEMAND FACTOR: | | | | | | | | | | | | | |
| Elevator | 0 VA | | 0.00% | | 0 VA | | ADDED CONNECTED LOAD: | | | | | | | | | | | | | |
| Heating | 0 VA | | 0.00% | | 0 VA | | 30751 VA | | | | | | | | | | | | | |
| Kitchen Equipment | 8957 VA | | 90.00% | | 8061 VA | | DEMAND CALCULATION NOTES: | | | | | | | | | | | | | |
| Lighting | 761 VA | | 125.00% | | 951 VA | | TOTAL DEMAND: | | | | | | | | | | | | | |
| Motor | 997 VA | | 100.00% | | 1079 VA | | 30126.7 VA | | | | | | | | | | | | | |
| Non-Continuous | 20036 VA | | 100.00% | | 20036 VA | | TOTAL DEMAND AMPS: 84 A | | | | | | | | | | | | | |
| Receptacle | 0 VA | | 0.00% | | 0 VA | | | | | | | | | | | | | | | |
| NOTES: | | | | | | | | | | | | | | | | | | | | |
| BREAKER QUANTITIES (NEW ONLY) | | | | | | | | | | | | | | | | | | | | |

| PANEL NAME: LV | | |
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|----------------|--|--|