

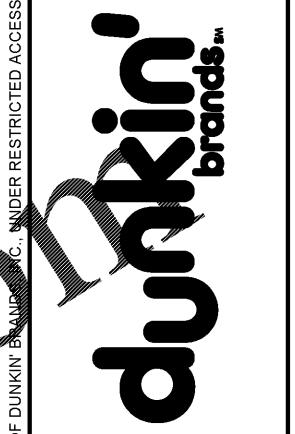
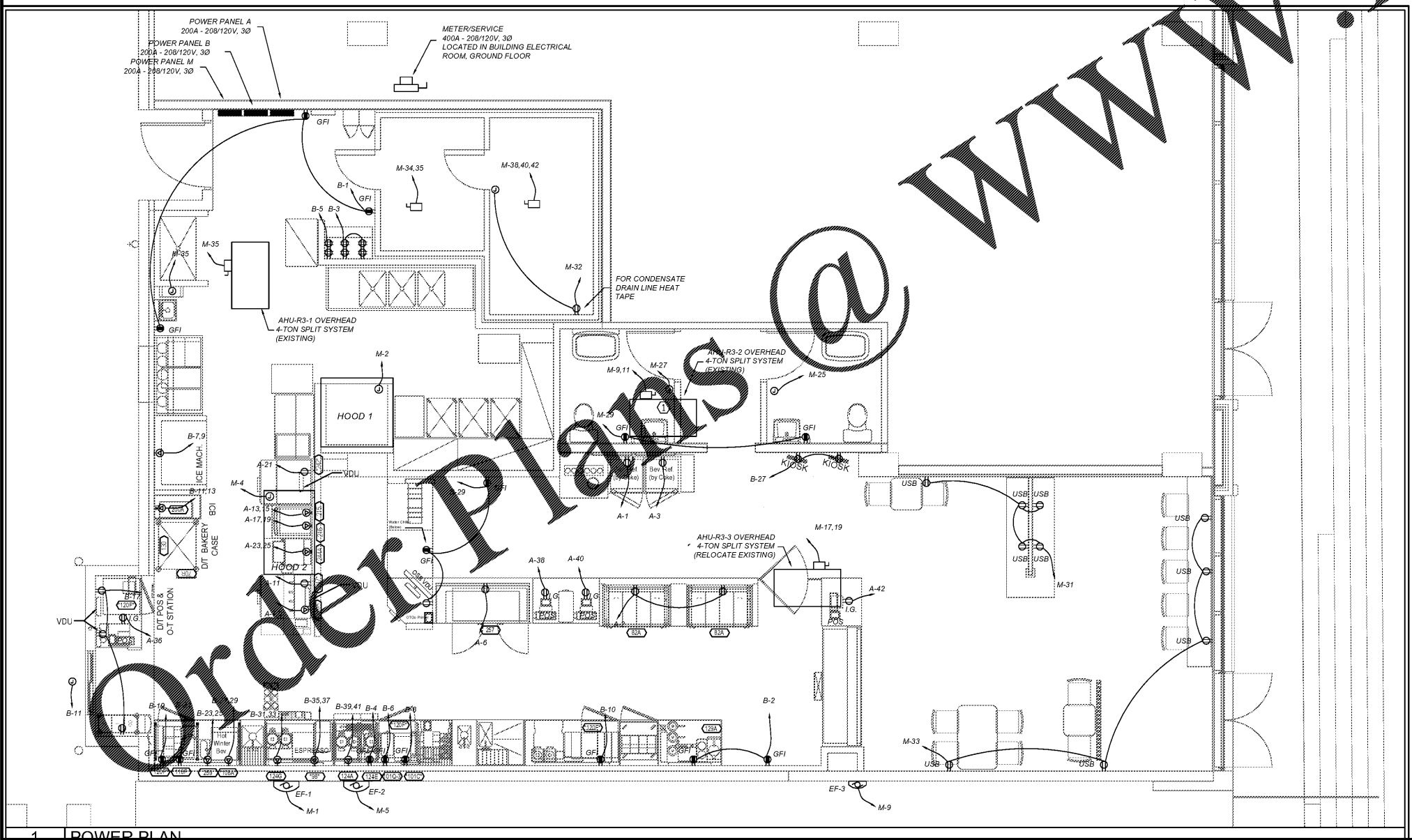
| PANEL M | | | | | | | | | | |
|-----------------|------------------|-----------------------|--------------|---------|----------|-----------|------------------------|------------|------|--|
| MAIN MLD | | LOCATION: KITCHEN | | | | | | AIC RATING | | |
| AMPS: 200A | | VOLTAGE: 208/120V, 3Ø | | | | | | 22K | | |
| CIR | DESCRIPTION | BRKR | PHASE A | PHASE B | PHASE C | BRKR | DESCRIPTION | CIR | | |
| 1 | AHU-1 (EXISTING) | 20/2 | 0.8 | 0.7 | | | EF-1 | 2 | | |
| 3 | | | | 0.8 | 0.2 | | HOOD 1 LIGHTS/CONTROLS | 4 | | |
| 5 | CU-1 (EXISTING) | 40/2 | 2.1 | 0.2 | 2.1 | 0.9 | EF-2 | 6 | | |
| 7 | | | | 0.8 | 0.8 | | HOOD 2 LIGHTS/CONTROLS | 8 | | |
| 9 | AHU-2 (EXISTING) | 20/2 | | | | | EF-3 | 10 | | |
| 11 | | | | | 0.8 | 0.4 | | 12 | | |
| 13 | CU-2 (EXISTING) | 40/2 | 2.1 | | | | | 14 | | |
| 15 | | | | 2.1 | | | | 16 | | |
| 17 | | | | | 0.8 | | | 18 | | |
| 19 | AHU-3 (EXISTING) | 20/2 | 0.6 | | | | | 20 | | |
| 21 | CU-3 (EXISTING) | 40/2 | | 2.1 | | | | 22 | | |
| 23 | | | | | 2.1 | | | 24 | | |
| 25 | HAND DRYER | 20/1 | 1.0 | | | | | 26 | | |
| 27 | HAND DRYER | 20/1 | | 1.0 | | | | 28 | | |
| 29 | RESTROOM GFI | 20/1 | | | 0.4 | | | 30 | | |
| 31 | RECEPTACLES | 20/1 | 1.2 | 0.5 | | | WALK-IN MISC | 32 | 20/1 | |
| 33 | RECEPTACLES | 20/1 | | 1.2 | 0.7 | | WALK-IN REFRIGERATOR | 34 | 20/2 | |
| 35 | WATER HEATER | 20/1 | | | 0.1 | 0.7 | | 36 | 30/3 | |
| 37 | | | | 1.2 | | | | 38 | | |
| 39 | | | | | 1.2 | | WALK-IN FREEZER | 40 | | |
| 41 | | | | | | 1.2 | | 42 | | |
| TOTALS: | | | 10.6 | 10.9 | 9.5 | | | | | |
| CONNECTED LOAD: | | 31.0 KVA | DEMAND LOAD: | | 31.0 KVA | 86.1 AMPS | | | | |

| PANEL A | | | | | | | | | | |
|-----------------|-----------------------|-----------------------|--------------|---------|----------|-----------|---------------------|------------|------|--|
| MAIN MLD | | LOCATION: KITCHEN | | | | | | AIC RATING | | |
| AMPS: 200A | | VOLTAGE: 208/120V, 3Ø | | | | | | 22K | | |
| CIR | DESCRIPTION | BRKR | PHASE A | PHASE B | PHASE C | BRKR | DESCRIPTION | CIR | | |
| 1 | BEVERAGE REFRIGERATOR | 20/1 | 1.0 | 1.8 | | | BAKERY DISPAY CASES | 2 | | |
| 3 | BEVERAGE REFRIGERATOR | 20/1 | | 1.0 | 1.2 | | LIGHTS | 4 | | |
| 5 | B TAP SYSTEM | 20/1 | | | 1.4 | 1.2 | LIGHTS | 6 | | |
| 7 | HOT HOLDING UNIT | 20/2 | 0.9 | 0.4 | | | RR LIGHTS | 8 | | |
| 9 | | | | 0.9 | | | | 10 | | |
| 11 | ASSEMBLY STAION | 20/1 | | | 1.0 | | | 12 | | |
| 13 | TORNADO OVEN | 30/2 | 1.2 | | | | | 14 | | |
| 15 | | | | 1.2 | | | | 16 | | |
| 17 | TORNADO OVEN | 30/2 | | | 1.2 | | | 18 | | |
| 19 | | | 1.2 | | | | | 20 | | |
| 21 | COOK REFRIGERATOR | 20/1 | | 1.1 | | | | 22 | | |
| 23 | | | | | 1.5 | | | 24 | | |
| 25 | TOASTER | 30/2 | 0.5 | | | | | 26 | | |
| 27 | KIOSKS | 20/1 | | 0.5 | | | | 28 | | |
| 29 | RECEPTACLES | 20/1 | | | 1.2 | | | 30 | | |
| 31 | | | | | | | | 32 | | |
| 33 | | | | | | | | 34 | | |
| 35 | | | | | 0.5 | | POS | 36 | 20/1 | |
| 37 | | | | 0.5 | | | POS | 38 | 20/1 | |
| 39 | | | | | 0.5 | | POS | 40 | 20/1 | |
| 41 | | | | | 0.5 | | POS | 42 | 20/1 | |
| TOTALS: | | | 7.6 | 6.4 | 8.5 | | | | | |
| CONNECTED LOAD: | | 22.5 KVA | DEMAND LOAD: | | 22.5 KVA | 62.5 AMPS | | | | |

| PANEL B | | | | | | | | | | |
|-----------------|---------------------|-----------------------|--------------|---------|----------|-----------|----------------|------------|------|--|
| MAIN MLD | | LOCATION: KITCHEN | | | | | | AIC RATING | | |
| AMPS: 200A | | VOLTAGE: 208/120V, 3Ø | | | | | | 22K | | |
| CIR | DESCRIPTION | BRKR | PHASE A | PHASE B | PHASE C | BRKR | DESCRIPTION | CIR | | |
| 1 | KITCHEN RECEPTACLES | 20/1 | 1.0 | 1.0 | | | RECEPTACLES | 2 | | |
| 3 | DESK RECEPTACLES | 20/1 | | 1.0 | 1.5 | | BREWER | 4 | | |
| 5 | DESK RECEPTACLES | 20/1 | | | 1.0 | 1.5 | GRINDER | 6 | | |
| 7 | ICE MACHINE | 20/2 | 1.1 | 0.8 | | | REFRIGERATORPR | 8 | 20/1 | |
| 9 | | | | 1.1 | 0.8 | | REFRIGERATORPR | 10 | 20/1 | |
| 11 | DRIVE THRU WINDOW | 20/1 | | | 0.5 | | | 12 | | |
| 13 | COFFEE BREWER | 30/2 | 1.2 | | | | | 14 | | |
| 15 | | | | 1.2 | | | | 16 | | |
| 17 | REFRIGERATOR | 20/1 | | | 0.6 | | | 18 | | |
| 19 | REFRIGERATOR | 20/1 | 0.8 | | | | | 20 | | |
| 21 | BLENDER | 20/1 | | 1.5 | | | | 22 | | |
| 23 | DISHWASHER | 40/2 | | | 2.5 | | | 24 | | |
| 25 | | | 2.5 | | | | | 26 | | |
| 27 | WINTER BEVERAGE | 20/2 | | 1.0 | | | | 28 | | |
| 29 | | | | | 1.0 | | | 30 | | |
| 31 | BREWER | 30/2 | 1.5 | | | | | 32 | | |
| 33 | | | | 1.5 | | | | 34 | | |
| 35 | ESPRESSO | 30/2 | | | 1.5 | | | 36 | | |
| 37 | | | 1.5 | | | | | 38 | | |
| 39 | BREWER | 30/2 | | 1.5 | | | | 40 | | |
| 41 | | | | | 1.5 | | | 42 | | |
| TOTALS: | | | 11.4 | 11.1 | 10.3 | | | | | |
| CONNECTED LOAD: | | 32.8 KVA | DEMAND LOAD: | | 32.8 KVA | 91.1 AMPS | | | | |

NOTE TO ELECTRICAL CONTRACTOR
 VERIFY ELECTRICAL FEEDER AND BREAKER REQUIREMENTS FROM EQUIPMENT MANUFACTURER SPECIFICATIONS PRIOR TO PROVIDING POWER CIRCUITS.

| BREAKER | CONDUCTOR SIZE | |
|---------|----------------|----------|
| | COPPER | ALUMINUM |
| 15 AMP | 14 AWG | 12 AWG |
| 20 AMP | 12 AWG | 10 AWG |
| 25 AMP | 10 AWG | 10 AWG |
| 30 AMP | 10 AWG | 8 AWG |
| 35 AMP | 8 AWG | - |
| 40 AMP | 8 AWG | - |
| 45 AMP | 8 AWG | - |
| 50 AMP | 6 AWG | - |
| 60 AMP | 6 AWG | - |
| 70 AMP | 4 AWG | - |
| 80 AMP | 4 AWG | - |
| 90 AMP | 4 AWG | - |
| 100 AMP | 4 AWG | - |



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RM3 ENGINEERING
 2302 Brockett Road
 TUCKER, GEORGIA 30084
 770 934 0944

| DATE | SCALE | DRAWN | CKD | APPD |
|---------|------------|-------|-----|------|
| 2-25-19 | 1/4"=1'-0" | SR | RMS | |

| NO | DESCRIPTION | DATE |
|----|-------------|------|
| | | |
| | | |
| | | |

| SHEET REVISIONS | SHEET REVISIONS |
|-----------------|-----------------|
| | |
| | |
| | |

RELEASED FOR CONSTRUCTION

DUNKIN DONUTS SPRING STREET
 1270 SPRING ST., SUITE 3, ATLANTA, GA 30309

ELECTRICAL POWER PLAN

3E18-130

E-2

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