



**IMPORTANT NOTE:**  
THE EXISTING VALUES SHOWN ON THESE SCHEDULES ARE TAKEN FROM THE CONSTRUCTION SET OF DRAWINGS DATED 1/25/2022. ANY REVISIONS SINCE THAT DATE ARE NOT ADJUSTED ON THESE PLANS.

| MARK          | SUPPLY AIR | RETURN AIR | OUTSIDE AIR | EXHAUST AIR | BUILDING POSITIVE PRESSURE |
|---------------|------------|------------|-------------|-------------|----------------------------|
| EXISTING AC#1 | 9,500      | 8,320      | 1,180       |             |                            |
| EXISTING AC#2 | 5,250      | 3,675      | 1,575       |             |                            |
| EXISTING AC#3 | 6,000      | 3,975      | 2,2025      |             |                            |
| EXISTING EF#1 |            |            |             | 1,912       |                            |
| EXISTING EF#2 |            |            |             | 1,402       |                            |
| EXISTING EF#3 |            |            |             | 300         |                            |
| TOTALS:       | 20,750     | 15,970     | 4,780       | 3,614       | +1166                      |

NOTES:  
CONTRACTOR SHALL REBALANCE AIR CONDITIONING SYSTEMS TO VALUES LISTED ABOVE.

| MARK | DESCRIPTION  | LOCATION                | NECK SIZE | FACE SIZE | FRAME TYPE | REMARKS |
|------|--|-------------------------|-----------|-----------|------------|---------|
| A    | PRICE MODEL APCD ALUMINUM SUPPLY AIR DIFFUSER WITH INDIVIDUALLY ADJUSTABLE CURVED AIR PATTERN CONTROLLERS.     | DINING/ KITCHEN         | VARIABLES | 24"x24"   | LAY-IN     | 1,7     |
| C    | PRICE MODEL SMCD STEEL SUPPLY AIR DIFFUSER FIELD ADJUSTABLE AIR PATTERN CONTROLLERS.                           | ENTRY                   | 14"x14"   | 19"x19"   | BEVELED    | 1,5,6   |
| E    | TITUS MODEL 272FL DOUBLE DEFLECTION ALUMINUM SIDEWALL SUPPLY GRILLE. FRONT BLADE PARALLEL TO LONG SIDE.        | PLAYGROUND              | 18"x12"   | 20"x14"   | SURFACE    | 1       |
| F    | PRICE MODEL 80 EGGRATE RETURN AIR GRILLE WITH REMOVABLE WHITE CORE. FACTORY FLAT BLACK BACKPAN AND ROUND NECK. | DINING/ OFFICE/ KITCHEN | VARIABLES | 24"x24"   | LAY-IN     | 1,7     |
| J    | PRICE MODEL SMCD STEEL SUPPLY AIR DIFFUSER FIELD ADJUSTABLE AIR PATTERN CONTROLLERS.                           | RESTROOMS               | 10"x10"   | 15"x15"   | BEVELED    | 1,2,5,6 |
| K    | PRICE MODEL APCDR ALUMINUM PERFORATED FACE RETURN AIR GRILLE.  | RESTROOM /ENTRY         | 14"x14"   | 16"x16"   | SURFACE    | 1,4,5,6 |
| L    | PRICE MODEL 21 ALUMINUM SIDEWALL RETURN GRILLE. FRONT BLADE PARALLEL TO LONG SIDE.                             | PLAY AREA               | 12"x12"   | 14"x14"   | SURFACE    | 1       |

NOTES:  
CHICK-FIL-A HAS A NATIONAL ACCOUNT WITH TOM BARROW COMPANY FOR THE AIR DEVICES. THE MECHANICAL CONTRACTOR SHALL PURCHASE THE AIR DEVICES DIRECTLY FROM TOM BARROW COMPANY. CONTACT MR. SCOTT GEORGE AT 404-351-1010 FOR PRICING AND AVAILABILITY. AIR DEVICES NOT PURCHASED THRU TOM BARROW COMPANY WILL NOT BE ACCEPTED.

REMARKS:  
1. STANDARD OFF WHITE FINISH  
2. PROVIDE MODEL VCS3 NECK DAMPER.  
3. NOT USED  
4. PROVIDE MODEL VCR7 NEC DAMPER ON GRILLES IN RESTROOMS SERVING EXHAUST FAN.  
5. PROVIDE BACKPAN MC TO SEAL JOINTS WITH MASTIC AND INSULATE EXTERNALLY.  
6. FIELD INSULATE BACKPAN AS SHOWN ON DETAIL 1 ON SHEET M-401  
7. FACTORY INSULATED R-6 BACKPAN.

| MARK          | AREA SERVED         | TONNAGE | COOLING CAPACITY (MBH) |          | HEATING CAPACITY (MBH) |          | FAN SECTION (CFM) INCLUDING EXISTING AC UNITS REBALANCE |       |    |     | MODEL    | % OA  | MODEL    | MANUFACTURER | ELECTRICAL DATA |          |      | REMARKS | APPROX. WEIGHT WITH OPTIONS (POUNDS) |          |
|---------------|---------------------|---------|------------------------|----------|------------------------|----------|---|-------|----|-----|----------|-------|----------|--------------|-----------------|----------|------|---------|--------------------------------------|----------|
|               |                     |         | TOTAL                  | SENS     | INPUT                  | OUTPUT   | SUPPLY  | O.A.  | HP | ESP |          |       |          |              | V/PH/Hz         | MCA      | MOCP |         |                                      |          |
| EXISTING AC#1 | KITCHEN/SUPPORT     | 25.0    | EXISTING               | EXISTING | EXISTING               | EXISTING | 9,500   | 1,180 | -  | -   | EXISTING | 12.4  | EXISTING | EXISTING     | EXISTING        | EXISTING | -    | -       | EXISTING                             | EXISTING |
| EXISTING AC#2 | DRIVE-THRU/SERVING  | 17.5    | EXISTING               | EXISTING | EXISTING               | EXISTING | 5,250   | 1,575 | -  | -   | EXISTING | 30.0% | EXISTING | EXISTING     | EXISTING        | EXISTING | -    | -       | EXISTING                             | EXISTING |
| EXISTING AC#3 | DINING/PLAY AREA/RR | 20.0    | EXISTING               | EXISTING | EXISTING               | EXISTING | 6,000   | 2,025 | -  | -   | EXISTING | 33.8% | EXISTING | EXISTING     | EXISTING        | EXISTING | -    | -       | EXISTING                             | EXISTING |

NOTES:  
COOLING CAPACITIES ARE GROSS, BASED ON ENTERING: 80FDB/67FWB, OUTDOOR: 95FDB, AND 400 CFM PER TON.  
CHICK-FIL-A MAINTAINS A NATIONAL ACCOUNT FOR EQUIPMENT WITH LENNOX CORPORATION. CONTACT LENNOX NATIONAL ACCOUNTS AT 972-497-6219 (OR BY FAX AT 972-497-5112) FOR PRICING, ORDERING AND AVAILABILITY.  
MECHANICAL CONTRACTOR TO VERIFY LENNOX SUBMITTAL WITH CONSTRUCTION DOCUMENTS.

REMARKS:  
1. PROVIDE DIFFERENTIAL ENTHALPY ECONOMIZER WITH POWER EXHAUST.  
2. PROVIDE DIFFERENTIAL ENTHALPY ECONOMIZER WITH BAROMETRIC EXHAUST.  
3. PROVIDE 14" HIGH ROOF CURB. PROVIDE CURBS PLUS ANCHOR FOR SEISMIC INSTALLATION, IF REQUIRED.  
4. SEE DETAIL ON SHEET M-501 FOR SETTING OF PRODIGY M3 BOARD CONTROL PARAMETERS BY MC.  
5. PROVIDE FACTORY INSTALLED AND UNIT POWERED 115V GFI SERVICE OUTLET.  
6. PROVIDE FACTORY INSTALLED 115V GFI SERVICE OUTLET.  
7. PROVIDE FACTORY INSTALLED SUPPLY AND RETURN SIDE SMOKE DETECTOR.  
8. PROVIDE FACTORY INSTALLED NON-FUSED DISCONNECT.  
9. PROVIDE 2" MERV 8 THROW AWAY FILTERS.  
10. PROVIDE HINGED PANELS FOR FILTER ACCESS, FAN MOTOR ACCESS, COMPRESSOR ACCESS AND CONTROL COMPARTMENT ACCESS.  
11. ADJUST GAS MANIFOLD PRESSURE AT LOCATIONS WHERE ELEVATION EXCEEDS 2000' ABOVE SEA LEVEL AS RECOMMENDED BY MANUFACTURER.  
12. PROVIDE FACTORY COIL HALL GUARD, FIELD INSTALLED.  
13. PROVIDE FRESH AIR TEMPERING KIT.  
14. PROVIDE HUMIDITROL OPTION WITH FACTORY WALL MOUNTED HUMIDITY SENSOR.  
15. PROVIDE FACTORY INSTALLED BELT TENSIONER.  
16. PROVIDE FACTORY CONFIGURED PHASE LOSS PROTECTION.  
17. PROVIDE FACTORY INSTALLED CONDENSATE PAN DRAIN OVERFLOW SWITCH.  
18. PROVIDE UNIT WITH MSAN BLOWER.  
19. PROVIDE FACTORY STAINLESS STEEL HEAT EXCHANGER.  
20. PROVIDE WITH 100K SCRR RATING. REFER TO DESIGN NOTE 2022-007 FOR MORE INFORMATION.

CONTRACTOR SHALL VERIFY EXACT ELECTRICAL CONNECTIONS, WIRE SIZES, BREAKERS, DISCONNECT, ETC. FOR THE NEW ROOFTOP UNITS PRIOR TO ORDERING AND BID.

**Chick-fil-A**  
5200 Buffington Road  
Atlanta, Georgia  
30349-2998

**www.cphcorp.**  
**A Full Service A & E Firm**  
Plans Prepared By  
**CPH Consulting, L.L.C.**  
State of Georgia Licenses:  
Engineer No. PEF006331  
Surveyor No. LSF000870  
Architect No. N/A  
Landscape No. N/A



**CHICK-FIL-A**  
**SENOIA**  
7996 WELLS STREET  
SENOIA, GA 30276

**FSR#04876**  
BUILDING TYPE / SIZE: P13 LSR LRG  
RELEASE: 22.05  
PRINTED FOR CONSTRUCTION

**REVISION SCHEDULE**

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

CONSULTANT PROJECT # 2401030  
DATE 03/17/2025  
DRAWN BY JRH  
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SHEET HVAC DETAILS AND SCHEDULES  
SHEET NUMBER  
**M-401**