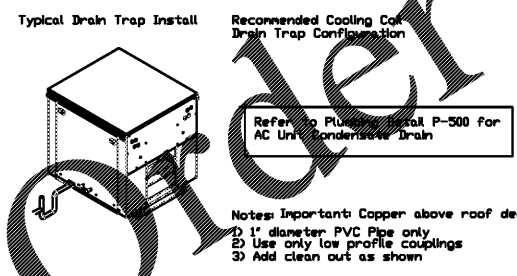
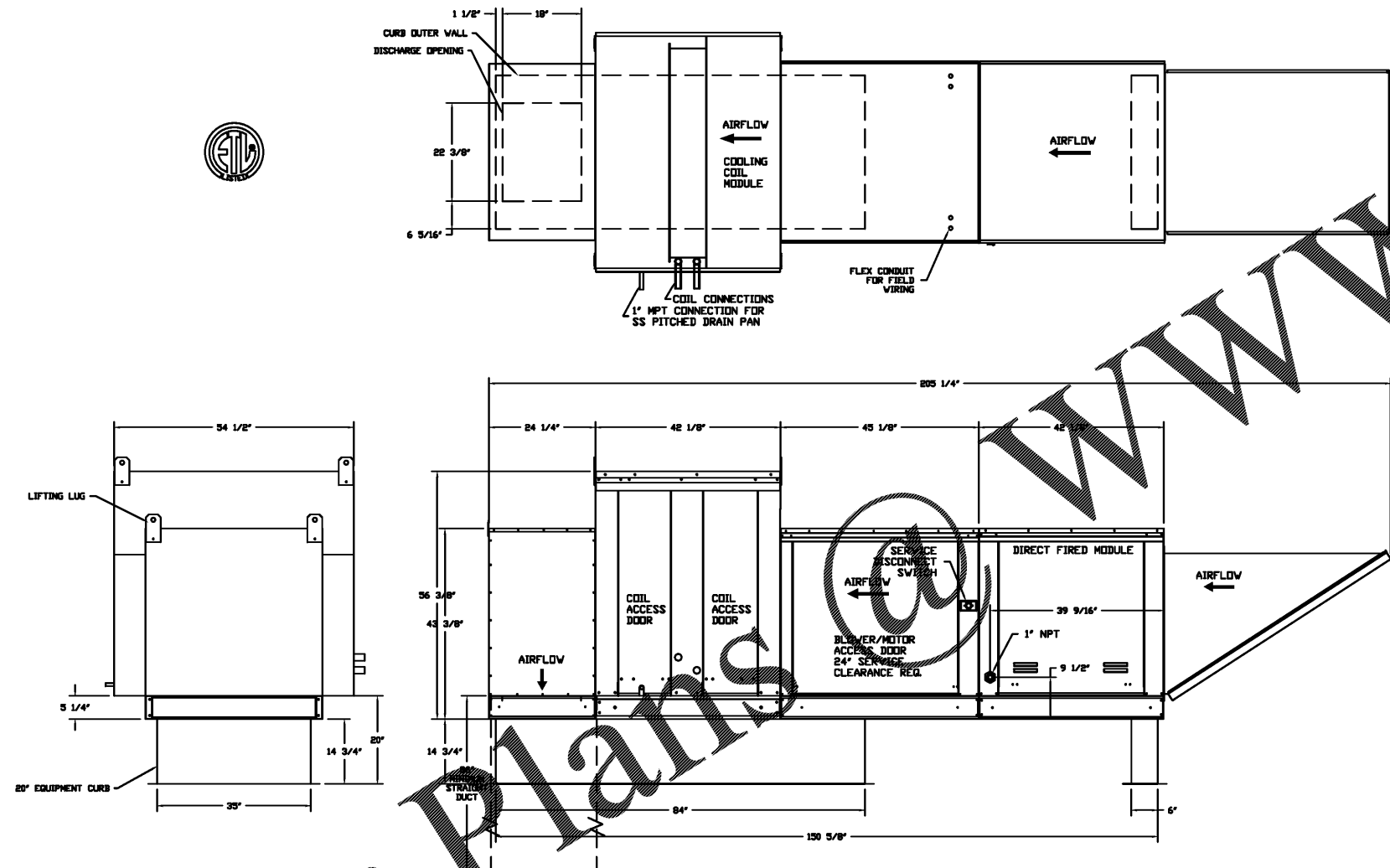


FAN #4 AS-3000-GB - HEATER
 1. DIRECT GAS FIRED HEATED MAKE UP AIR UNIT WITH 18" BLOWER AND 12" BURNER.
 2. INTAKE HOOD WITH EZ FILTERS
 3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT
 4. COOLING INTERLOCK RELAY, 24VAC COIL, 120V CONTACTS. LOCKS OUT BURNER CIRCUIT WHEN AC IS ENERGIZED.
 5. LOW FIRE START, ALLOWS THE BURNER CIRCUIT TO ENERGIZE WHEN THE MODULATION CONTROL IS IN A LOW FIRE POSITION.
 6. GAS PRESSURE GAUGE, 0-25", 2 1/2" DIAMETER, 1/4" THREAD SIZE.
 7. GAS PRESSURE GAUGE, 0-5 TO 15 INCHES VC, 2 1/2" DIAMETER, 1/4" THREAD SIZE.
 8. MOTORIZED BACK DRAFT DAMPER 30" X 30" FOR SIZE 3 STANDARD & MODULAR HEATER UNITS W/EXTENDED SHAFT, STANDARD GALVANIZED CONSTRUCTION, 3/4" REAR FLANGE, LOW LEAKAGE, NEAR-5 ACTUATOR INCLUDED.
 9. DX COIL MODULE FOR SIZE 3 MODULAR FANS - 3,000 THRU 7,000 CFM (10 TON - 2 CIRCUIT DX COIL, 4E20602H-435K4E2) NOT BUILT WITH OPP SIDE CONTROLS. DPOK-1
 CONDENSER AND CONDENSER DISCONNECT (UNLESS PROVIDED ON QUOTE) WILL BE INSTALLED, STARTED AND WARRANTED BY OTHERS. R410A REFRIGERANT AND PIPING BY OTHERS. ENSURE DX-IGT IS ORDERED FOR FILTER DRIER, SIGHT GLASS, THERMAL EXPANSION VALVE, COIL HEATCRAFT COIL # SE-0600B-435K4E2
 10. DOWNTURN FLEXUM FOR SIZE 3 COOLING COIL MODULE - REQUIRED FOR DOWN DISCHARGE COOLING COIL APPLICATIONS
 11. 10 TON, DUAL CIRCUIT CONDENSING UNIT, 3 PHASE 208V, AIR COOLED. INCLUDES FACTORY INSTALLED CARRIER DISCONNECT SWITCH, R410A REFRIGERANT AND PIPING BY OTHERS. 4-5 WEEK LEAD TIME. SHIPPING INCLUDED IN PRICE. SHIPS FROM TYLER, TX. SHIPS SEPARATELY. FREIGHT INCLUDED. 20A10A20A00-0A0A
 12. CURB DUCT HANGER - 1-1/4" ANGLE IRON FRAME WELDED TO CURB TO SUPPORT STANDARD SIZE DUCTWORK. PRICED PER CURB. ONLY AVAILABLE WHEN CURB ASSEMBLY IS ORDERED.
 13. DX COOLING INTAKE AIR THERMOSTAT AND RELAYS MOUNTED IN UNIT - SET POINT FOR THERMOSTAT SHOULD BE 65F.
 14. DX 3-1 KIT R410A, DUAL CIRCUIT 10 TON INCLUDES FILTER DRIER, SIGHT GLASS, AND THERMAL EXPANSION VALVE FOR DX UNITS. INSTALLATION BY OTHERS. INCLUDES R410A TXV.
 15. VAV (VARIABLE-AIR-VOLUME) WIRING PACKAGE FOR COMMERCIAL FANS.
 16. MANUAL SPEED CONTROL, VARIABLE FREQUENCY DRIVE INCLUDED.
 17. VFD FACTORY MOUNTED AND WIRED ON UNIT CONTROL PANEL.
 18. MIAMI DADE IMPACT AND WIND LOAD CERTIFICATION +30 / -130 PSF - MIAMI DADE COUNTY PRODUCT CONTROL APPROVED. FLORIDA BUILDING CODE APPROVAL. ROOF MOUNT EXHAUST CURBS UP TO 20" HIGH MUST BE 16 GAUGE ALUMINUM.

SUPPLY SIDE HEATER INFORMATION
 WINTER TEMPERATURE = 20°F. TEMP. RISE = 65°F.
 BTU_s CALCULATED OFF ACTUAL AIR DENSITY
 OUTPUT BTU_s AT ALTITUDE OF 0.0 Ft. = 376263
 INPUT BTU_s AT ALTITUDE OF 0.0 Ft. = 409003



NOTE: UNLESS OTHERWISE STATED, PANDA RESTAURANT GROUP SHALL PROVIDE ALL EQUIPMENT ON THE FOLLOWING CAPTIVEAIRE SHEETS, INCLUDING HOODS, FIRE SYSTEM, EXHAUST FANS, SUPPLY FAN, BATHROOM FAN AND ELECTRICAL INTERLOCK PACKAGE.

ANSUL GAS VALVE:
 THE ANSUL GAS VALVE IS PROVIDED BY CAPTIVEAIRE SYSTEMS. CONTACT OUR OFFICE WITH THE VALVE SIZE 3 DAYS IN ADVANCE OF WHEN IT IS NEEDED ON SITE.

FOR QUESTIONS CALL THE CAPTIVEAIRE SOUTHERN CALIFORNIA OFFICE
 STONE HILL DESIGN CENTER
 2915 RED HILL AVE. SUITE 201
 COSTA MESA, CA 92626
 TEL: 800-967-7701 EMAIL: REG@CAPTIVEAIRE.COM

REVISIONS

3002 Dow Ave., Suite 410, Tustin, CA 92780 PHONE: (714) 957-1500 FAX: (919) 227-5975 EMAIL: REG@CAPTIVEAIRE.COM

Southern California Office

ISSUE DATE:

1st	ISSUE FOR BUILDING PERMIT	08-16-18
2nd	ISSUE FOR BID	11-29-18

DRAWN BY: RR

PANDA PROJECT # S8-19-D6558
 ARCH PROJECT # 1804

Project No. FE1804

Kurzynske & Associates
 CONSULTING ENGINEERS
 2900 Lebanon Pike
 Suite 201
 Nashville, Tennessee 37214

Panda Express - Gulf Breeze FL (S8-19-D6558)
 GULF BREEZE, FL, 32561

DATE: 8/15/2018
 DWG NO.: 3513979
 DRAWN BY: AHJ-86
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. 5



PANDA EXPRESS, INC.
 1683 Walnut Grove Ave.
 Rosemead, California 91770
 Telephone: 626.799.9898
 Facsimile: 626.372.8288

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REVISIONS:

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 CONSULTING ENGINEERS
 2900 Lebanon Pike
 Suite 201
 Nashville, Tennessee 37214

PANDA EXPRESS
 US 98 and PORTSIDE DRIVE
 3868 GULF BREEZE PARKWAY
 GULF BREEZE, FL
 2200 TRUE - R1 - DAB 12

DATE: 8/15/2018
 DWG NO.: 3513979
 DRAWN BY: AHJ-86
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. 5

M-404
 HOOD DETAIL PLAN