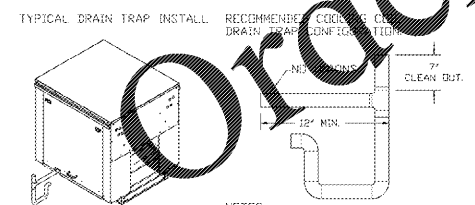
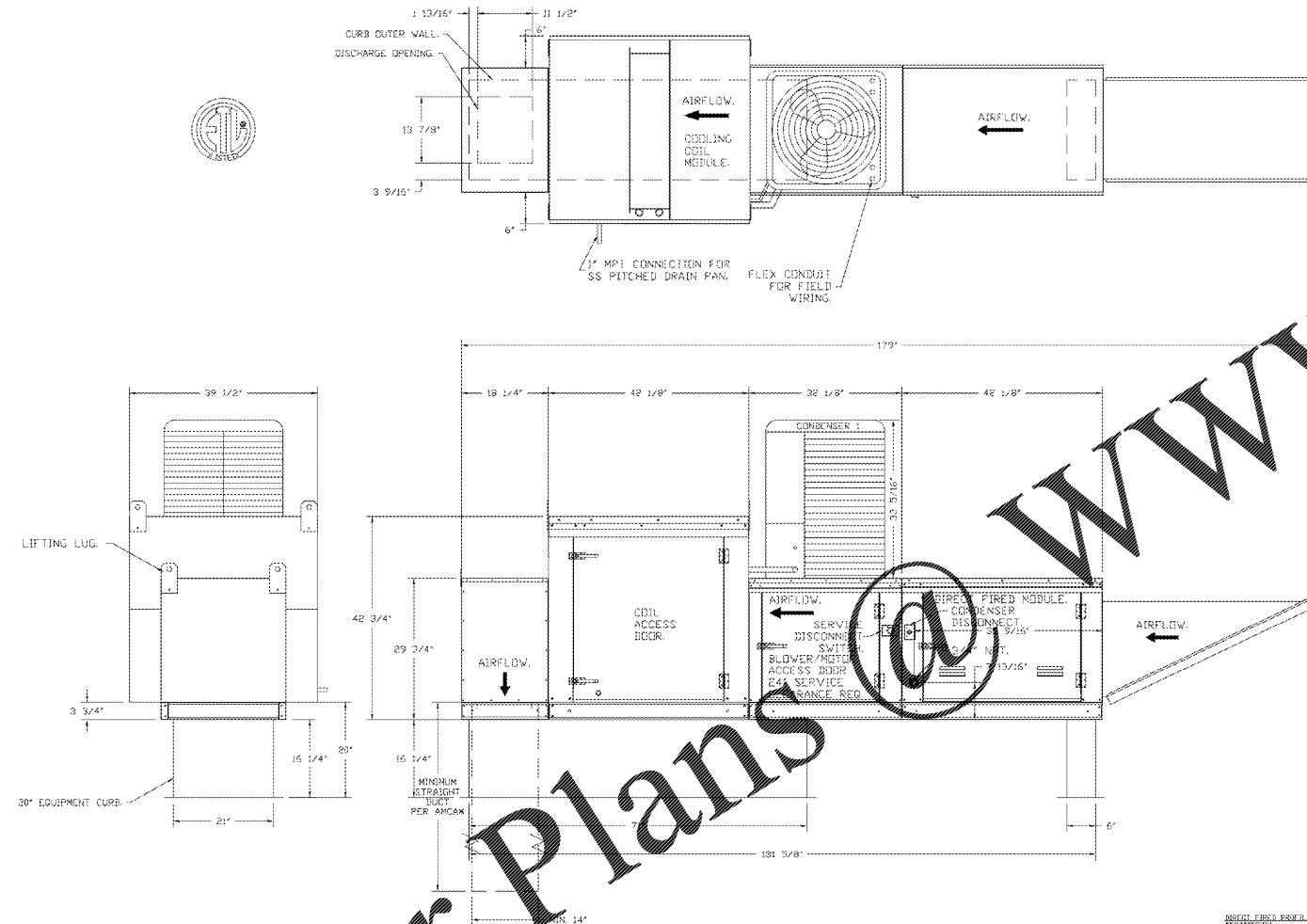


- FAN #2 AT 1500-SS-MRU - HEATER
1. DIRECT GAS FIRED HEATED MAKE UP AIR UNIT WITH 18" DIRECT DRIVE FAN.
  2. INTAKE MESH WITH E2 FILTERS.
  3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT
  4. COOLING INTERLOCK RELAY, 24VAC COIL, 180V CONTACTS, LOCKS OUT BURNER (RIGHT) WHEN AC IS ENERGIZED.
  5. HORIZONTAL BACK DROPT DAMPER 16" x 18" FPM SIZE 1 STANDARD & MODULAR HEATER UNITS W/EXTENDED SHaft, STANDARD GALVANIZED CONSTRUCTION, 2-1/2" REAR FLANGE, LOW LEAKAGE, THERMO ACTUATOR INCLUDED.
  6. LOW FIRE STANT, ALLOWS THE BURNER CIRCUIT TO ENERGIZE WHEN THE MODULATION CONTROL IS IN A LOW FIRE POSITION.
  7. GAS PRESSURE GAUGE, 1/2" DIA, 2 1/2" DIAMETER, 1/4" THREAD SIZE.
  8. GAS PRESSURE GAUGE - 9 TO 115 INCHES WC, 2 1/2" DIAMETER, 1/4" THREAD SIZE.
  9. 3 TON SINGLE CIRCUIT MODULAR PACKAGED AC COOLING OPTION FOR SIZE 1 3/75X MODULAR PACKAGED UNIT INCLUDES CONDENSER, IN COIL, FILTER-DRYER KIT, HARD START KIT, THERMAL EXPANSION VALVE, FLUID REFRIGERANT AND REFRIGERANT PIPING 1/2" TO 1 1/2" CPD WHEN ORDERED WITH OPPOSITE AIRFLOW CONDENSERS ACCESS AND COIL PIPING WILL REMAIN IN STANDARD POSITION DRAIN AND SLEDS WILL MOVE TO THE OPPOSITE SIDE. ANY OTHER CHANGE WILL REQUIRE OIL CONDENSERS REQUIRE SEPARATE 208V, 1 PHASE POWER SUPPLY UNLESS ORDERED WITH SINGLE POINT CONNECTION, COIL = 65/48/48.
  10. DOWNTURN PLANK FOR SIZE 1 COOLING COIL MODULE - REQUIRED FOR DOWN DISCHARGE COOLING COIL APPLICATIONS.
  11. IN COOLING INTAKE AIR THERMOSTAT AND RELAYS MOUNTED IN UNIT - SET POINT FOR THERMOSTAT SHOULD BE 55°F.
  12. SIZE 1 3/75X-AC MOISTURE ELIMINATOR OPTION - ALLOWS COOLING COIL FACE VELOCITY TO INCREASE TO 650 FPM, INCREASES COOLING COIL MAX CFM TO 1450 CFM.
  13. ECM WINDING PACKAGE AND MANUAL ON/OFF/ON CONTROL FOR SUPPLY EC MOTORS, RTC CONTROLLER \*MUST NOT ORDER UNDER WARRANTY, SEE PART NUMBER 'ECM-VOL-RTC'.
  14. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER/RPL SECTION).

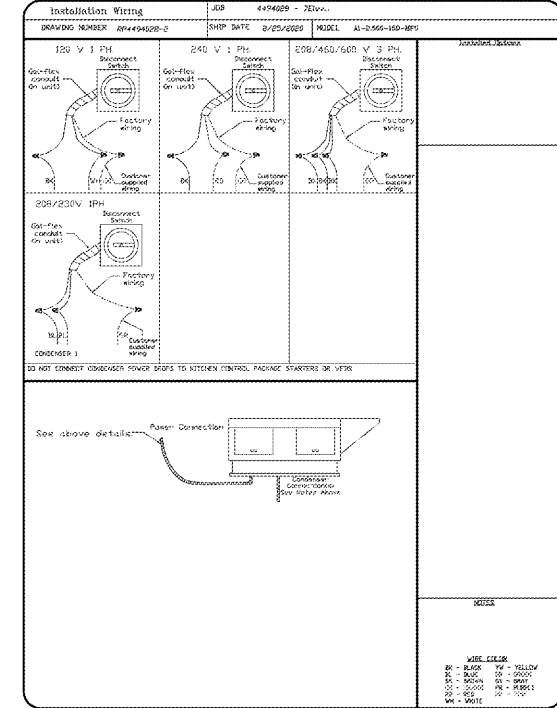
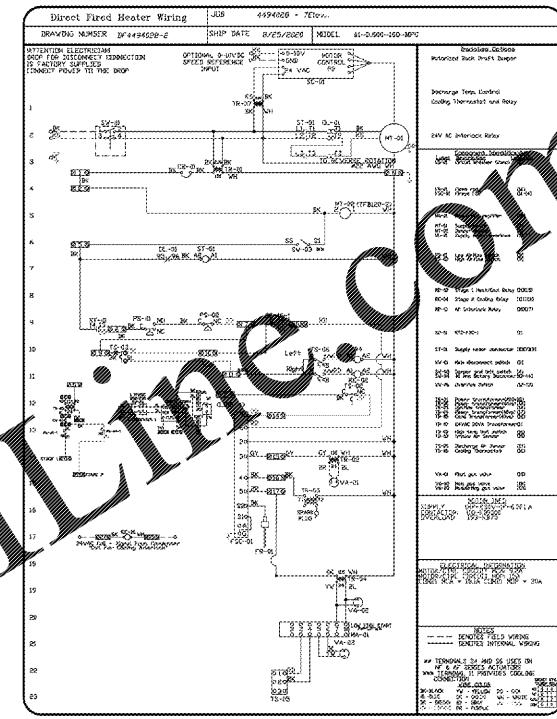
NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AT ELBOWS IN ANCH HUBBARDTUBERS ETC. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRAMATICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 14" x 14".

SUPPLY SIDE HEATER INFORMATION

WINTER TEMPERATURE = 15°F TEMP. RISE = 60°F.  
 BTUS CALCULATED OFF ACTUAL AIR DENSITY.  
 OUTPUT BTUS AT ALTITUDE OF 60 FT. = 64100  
 INPUT BTUS AT ALTITUDE OF 60 FT. = 69674  
 OUTPUT BTUS AT ALTITUDE OF 1200 FT. = 61112  
 INPUT BTUS AT ALTITUDE OF 1200 FT. = 66427.



Order Plans @ www.LDILine.com



REVISIONS

NO.	DESCRIPTION	DATE

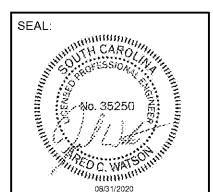
CAPTIVE

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 1309 Pacific Ave. Everett, WA, 98201 PHONE: (425) 212-8988 FAX: (425) 212-8988 EMAIL: regis@captive.com

7-Eleven - 1045634 SURFSIDE BEACH, SC  
 1401 Coventry Rd,  
 Myrtle Beach, SC, 29575

DATE: 8/25/2020  
 DWG.#: 4494028  
 DRAWN BY: A\_CASH 85  
 SCALE: 3/4" = 1'-0"  
 MASTER DRAWING  
 SHEET NO. 4

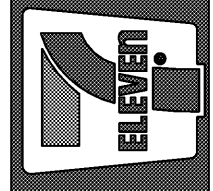
JARED C. WATSON, PE  
 2607 S. CREEKSIDE DR., SUITE 701  
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Submissions:  
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7-ELEVEN, INC.  
 3200 HACKBERRY ROAD, IRVING, TEXAS 75063  
 7-ELEVEN #1045634  
 1401 COVENTRY ROAD  
 MYRTLE BEACH, SC 29575



JOB NUMBER: 20022  
 CHECKED BY:  
 DRAWN BY:  
 DATE: 08/31/20

TITLE  
 KITCHEN HOOD  
 SUBMITTALS

SHEET:  
 M3.3