

PLAN NOTES:

-) INSTALL FIRE PLACE FLUE(S) THRU ROOF AS PER MANUFACTURER'S INSTRUCTIONS. SEAL ROOF PENETRATION WEATHERTIGHT.
- ALL RETURN DUCTWORK LOCATED IN COLD ATTIC TO BE INSULATED WITH I-I/2" THICK EXTERNAL DUCTWRAP
- β) RISE (2) 3" ϕ FURNACE FLUES UP THRU ROOF TO VERTICAL VENT TERMINATION. SEAL ROOF PENETRATION WEATHERTIGHT. SEE DETAIL ON SHEET
- 4) INSTALL LOUVER ON MECH. ROOM WALL AS HIGH AS POSSIBLE AND CONNECT (2) 8x8 OA & (1) 8x6 OA & (I) 18x14 OA DUCTS TO LOUVER. RUN DUCTS AS HIGH AS POSSIBLE AT CEILING OF MECH. ROOM.
- 5) DROP 8x6 OA DUCT DOWN FROM CEILING AND CONNECT TO RETURN AIR DUCT NEAR FURNACE. INSTALL MOTORIZED DAMPER, ACCESS PANEL AND HAND DAMPER IN VERTICAL PORTION OF 8x6 OA DUCT. BALANCE HAND DAMPER TO 100 CFM AND INTERLOCK MOTORIZED DAMPER WITH FURNACE OPERATION.
- 6) DROP 8x8 OA DUCT DOWN FROM CEILING AND CONNECT TO RETURN AIR DUCT NEAR FURNACE. INSTALL MOTORIZED DAMPER, ACCESS PANEL AND HAND DAMPER IN VERTICAL PORTION OF 8x8 OA DUCT. BALANCE HAND DAMPER TO 160 CFM AND INTERLOCK MOTORIZED DAMPER WITH FURNACE OPERATION.
-) DROP 8x8 OA DUCT DOWN FROM CEILING AND CONNECT TO RETURN AIR DUCT NEAR FURNACE. INSTALL MOTORIZED DAMPER, ACCESS PANEL AND HAND DAMPER IN VERTICAL PORTION OF 8x8 OA DUCT. BALANCE HAND DAMPER TO 200 CFM AND INTERLOCK MOTORIZED DAMPER WITH FURNACE OPERATION.
- 8) COVER EXPOSED REFRIGERANT PIPING WITH SHEET METAL COVER. SEE DETAIL ON SHEET M-2 FOR MATERIALS AND CONSTRUCTION.
- (9) INSTALL CONDENSING UNITS ON 4" THICK CONCRETE PAD (BY GENERAL CONTRACTOR). SEE ARCH. PLANS.
- (10) INSTALL BOILER FLUES THRU ROOF AS PER MANUFACTURER'S INSTRUCTIONS. SEAL ROOF PENETRATION WEATHERTIGHT. REFER TO POOL EQUIPMENT DWGS. FOR BOILER INFORMATION.
- II) INSULATE ALL SUPPLY AIR DUCTWORK LOCATED IN COLD ATTIC WITH I-I/2" THICK EXTERIOR DUCTWRAP.

MECHANICAL LEGEND DESCRIPTION ELECTRONIC THERMOSTAT ELECTRONIC SENSOR EQUIPMENT SYMBOL UNDERSLAB DUCTWORK HAND DAMPER ROUND BRANCH DUCT WITH HAND DAMPER RECTANGULAR SUPPLY AND RETURN AIR DUCT TAKE-OFF TURNING VANES DUCT TRANSITION INSULATED FLEXIBLE DUCT SIDEWALL REGISTER SUPPLY OR RETURN AIR RETURN AIR OR EXHAUST GRILLE CEILING DIFFUSER CEILING MOUNTED EXHAUST FAN



at

•

7

· <u>E</u>

2

[MME]

下 (A) (A) MECHANICAL

Nov 07, 2019 DRWN. BY: CKD. BY:

JOB NO. DATE: 18096__ NOV. 2019

SHEET: OF: THREE