

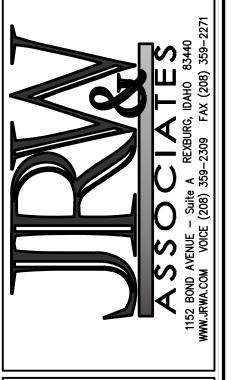


MECHANICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
T	ELECTRONIC THERMOSTAT	L	REFRIGERANT LIQUID LINE
	PLAN NOTE	s	REFRIGERANT SUCTION LINE
			SIDEWALL REGISTER SUPPLY OR RETURN AIR
FC	EQUIPMENT SYMBOL	ĦZ	RETURN AIR OR EXHAUST GRILLE
HD HD	HAND DAMPER		CEILING DIFFUSER
— <u>M</u>	MOTORIZED DAMPER		CEILING MOUNTED EXHAUST FAN
	ROUND BRANCH DUCT WITH HAND DAMPER		ROOF CAP
苗	RECTANGULAR SUPPLY AND RETURN AIR DUCT TAKE-OFF		FURNACE
	TURNING VANES		CONDENSING UNIT
	DUCT TRANSITION		INSULATED FLEXIBLE DUCT



- PROVIDE AND INSTALL GAS FIRED FURNACE AS SPECIFIED. MOUNT ON 14" HIGH RETURN AIR PLENUM. REFER TO LARGE SCALE PLAN ON SHEET M2.I. REFER TO DETAIL H/M3.I FOR RETURN AIR PLENUM CONSTRUCTION.
- 2 DUCTWORK TO BE INSTALLED IN CRAWL SPACE AS SHOWN. SUPPORT DUCT FROM FLOOR JOISTS ABOVE. COORDINATE DUCT ROUTING WITH FLOOR SUPPORT COLUMNS AND MAKE MODIFICATIONS AS REQUIRED. RETURN DUCTS TO PASS BELOW SUPPLY DUCTS. MAKE TRANSITIONS IN DUCTWORK AS REQUIRED.
- 3) RUN DUCTWORK IN STORAGE ROOMS AND I.T. ROOM TIGHT AGAINST FLOOR JOISTS AS SHOWN.
- 4) RISE I2x6 SUPPLY AIR BOOT UP THRU FLOOR FOR FLOOR GRILLE ABOVE. COORDINATE BOOT LOCATION WITH FLOOR JOISTS. REFER TO DETAIL K/M3.I FOR TYPICAL INSTALLATION.
- TO SIDEWALL GRILLE. COORDINATE DUCT WITH FLOOR JOISTS. REFER TO DETAIL G/M3.I FOR TYPICAL INSTALLATION.
- 6 I2x6 SA BOOT THRU FLOOR ABOVE. COORDINATE WITH FLOOR JOISTS. CONNECT BOTTOM OF BOOT TO I2x8 SUPPLY DUCT WITH MITERED FITTING AND MANUAL BALANCING DAMPER.
- 7 TRANSITION 8" P DUCT TO 12x2 TO RISE UP BELOW CABINET ABOVE. COORDINATE DUCT WITH FLOOR JOISTS. REFER TO DETAIL G/M3.I FOR TYPICAL INSTALLATION.
- 8) RISE 12x3 RETURN AIR DUCT UP IN WALL ABOVE AND CONNECT TO SIDEWALL GRILLE. COORDINATE DUCT WITH FLOOR JOISTS. REFER TO DETAIL F/M3.I FOR TYPICAL INSTALLATION.
- PROP I8xI2 OUTSIDE AIR DUCT DOWN THRU FLOOR
 ABOVE. OFFSET AND RUN TO MECHANICAL ROOM AS
 SHOWN. KEEP DUCT TIGHT TO FLOOR JOISTS. REFER
 TO LARGE SCALE MECHANICAL ROOM ON SHEET M2.I
 FOR CONNECTION TO INDIVIDUAL FURNACE SYSTEMS.
 REFER TO SHEET MI.I FOR CONTINUATION OF DUCT UP
 THRU ROOF.
- (IO) RUN REFRIGERANT LINES THRU CRAWL SPACE.
 PENETRATE FOUNDATION WALL ABOVE GRADE.
 REFER TO SHEET MI.I FOR LOCATION OF CONDENSING
 UNITS AND TO PIPING DIAGRAM A/M3.2 FOR TYPICAL
 PIPING CONNECTIONS. SUPPORT PIPING FROM FLOOR
 JOISTS.
- (II) PROVIDE AND INSTALL CEILING MOUNTED EXHAUST FAN WITH WALL MOUNTED COOLING THERMOSTAT AS SPECIFIED. RISE IOX4 DUCT UP IN WALL ABOVE TO ROOF CAP. SEE SHEET MI.I FOR CONTINUATION.





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DRAWING TITLE:
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DATE COMMENT

DRAWN BY: JOB NO:

M THIEL T3T

CHECKED BY: DATE:

M JENSEN AUGUST 2019

PLOT DATE: Aug 19, 2019

DRAWING NO.
FILE: 19034-M1.0.dwg

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DATE ORIGINAL SIGNED: ADJA, 2019
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