

ELECTRIC FAN FORCED HEATER SCHEDULE											
EFH #	CFM	WALL OR CEILING	KW	MOUNTING	ELECTRICAL CHAR	AMPS	SPEEDS	CONTROL	RPM	MANUFACTURER & MODEL NUMBER	NOTES
1	100	WALL	4	RECESSED	208/1	19.2	1	INT.	--	BERKO FRC-4020	1-3
2	100	WALL	4	RECESSED	208/1	19.2	1	INT.	--	BERKO FRC-4020	1-3
3	100	WALL	2	RECESSED	208/1	9.6	1	INT.	--	BERKO FRC-4020	1-3
4	100	WALL	4	RECESSED	208/1	19.2	1	INT.	--	BERKO FRC-4020	1-3

NOTES: M.C. IS RESPONSIBLE FOR PROVIDING ANY AND ALL NECESSARY DIMENSION, ELECTRICAL, MECHANICAL, AND STRUCTURAL ALTERATIONS NECESSITATED BY PROVIDING ALTERNATE EQUIPMENT.  
 1. PROVIDE INTERNAL THERMOSTAT.  
 2. RECESSED MOUNTED UNIT. PROVIDE RECESSED MOUNTING KIT.  
 3. MANUFACTURER PROVIDED BUILT-IN DISCONNECT.

GAS UNIT HEATER SCHEDULE																
UH #	TYPE	INPUT MBH	OUTPUT MBH	C.F.M.	MIN. F.A.	WEIGHT	HEAT EXCH. MTL	BLOWER				F.L.A.	PILOT	VENT	MANUFACTURE & MODEL NO.	NOTES
								SIZE	DRIVE	H.P.	ELEC. CHAR					
1	GAS	30	24.6	450	--	58LB	ALUMINUM	10"	DIRECT	FRAC.	120/1	2	ELEC.	4"	REZNOR UDZ-030	1-4
2	GAS	30	24.6	450	--	58LB	ALUMINUM	10"	DIRECT	FRAC.	120/1	2	ELEC.	4"	REZNOR UDZ-030	1-4
3	GAS	30	24.6	450	--	58LB	ALUMINUM	10"	DIRECT	FRAC.	120/1	2	ELEC.	4"	REZNOR UDZ-030	1-4
4	GAS	30	24.6	450	--	58LB	ALUMINUM	10"	DIRECT	FRAC.	120/1	2	ELEC.	4"	REZNOR UDZ-030	1-4
5	GAS	30	24.6	450	--	58LB	ALUMINUM	10"	DIRECT	FRAC.	120/1	2	ELEC.	4"	REZNOR UDZ-030	1-4

NOTES: M.C. IS RESPONSIBLE FOR PROVIDING ANY AND ALL NECESSARY DIMENSIONAL, ELECTRICAL, MECHANICAL, AND STRUCTURAL ALTERATIONS NECESSITATED BY PROVIDING ALTERNATE EQUIPMENT.  
 1. PROVIDE AND INSTALL 24V HARD-WIRED THERMOSTAT. MULTIPLE UNITS PER THERMOSTAT, SEE PLANS.  
 2. MC TO PROVIDE NECESSARY HARDWARE TO MOUNT TO EXPOSED ROOF STRUCTURE.  
 3. PROVIDE BUILT-IN DISCONNECT.  
 4. PROVIDE AND INSTALL GYM WIRE GUARD FOR THERMOSTAT. MULTIPLE UNITS PER THERMOSTAT, SEE PLANS.

MINI SPLIT HEAT PUMP SCHEDULE - INDOOR & OUTDOOR UNIT															
AC #	NOMINAL TON	OUTDOOR UNIT					INDOOR UNIT							NOTES	
		ELEC. CHAR	SEER	MCA	MOP	COMPRESSOR TYPE	MANUFACTURER & MODEL NUMBER	COOLING/HEATING	CFM	MCA	MOP	TYPE	CONDENSATE PUMP		MANUFACTURER & MODEL NUMBER
1	0.5	208/1	17	14	24	INVERTER	TRANE NTXSKH09A112AA	BOTH	200	N/A	N/A	DUCTED	YES	TRANE NTXDKS09112AA	ALL

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 1. M.C. PROVIDE DISCONNECTS FOR INSTALLATION BY E.C.  
 2. PROVIDE AND INSTALL CONDENSATE PUMP. ROUTE CONDENSATE TO NEAREST OPEN SITE.  
 3. PROVIDE CONDENSER COIL HALL GUARD.  
 4. M.C. SHALL PROVIDE HARD WIRED THERMOSTAT.  
 5. INDOOR UNIT POWERED BY OUTDOOR UNIT.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE					
PLAN SYMBOL	DESCRIPTION	MANUFACTURER & MODEL NO.	MATERIAL	FINISH	NOISE CRITERIA
CDR-1	SQUARE FACE, ROUND NECK, 4-WAY DEFLECTION CEILING DIFFUSER, SPRING LOCK INNER CORE, FOR LAY-IN CEILING INSTALLATION.	PRICE SCD (4C)	ALUMINUM	WHITE	--
EG-1	FIXED CORE OF 1/2"x1/2"x1/2" FABRICATED ALUMINUM SQUARES, FLAT FRAME WITH 1 1/4" MARGIN, FOR CEILING INSTALLATION.	PRICE 80	ALUMINUM	WHITE	--
RG-1	SQUARE PATTERN GRILLE, FIXED CORE OF 1/2"x1/2"x1/2" FABRICATED ALUMINUM SQUARES, FLAT FRAME WITH 1 1/4" MARGIN, FOR LAY-IN CEILING INSTALLATION.	PRICE 80	ALUMINUM	WHITE	--

NOTES: SEE PLANS FOR QUANTITY AND SIZES.  
 M.C. TO FIELD VERIFY CEILING TYPE FOR ALL GRD BEFORE PURCHASING EQUIPMENT. PROVIDE REQUIRED MOUNTING.

DUCTWORK/INSULATION SCHEDULE												
SYSTEM	LOW PRESSURE SEAL			MED. PRESS		HIGH PRESS.		INSULATION				NOTES
	MAX. PRES.	A	B	C	MAX PRES.	SEAL A	MAX PRES.	SEAL A	INTERNAL THICKNESS	EXTERNAL THICKNESS		
SUPPLY AIR WITHIN 10' OF UNIT	2"	X	--	--	--	--	--	--	YES	1"	NO	--
SUPPLY AIR BEYOND 10' OF UNIT	2"	X	--	--	--	--	--	--	NO	--	YES	2" FSK
RETURN AIR WITHIN 10' OF UNIT	2"	--	X	--	--	--	--	--	YES	1"	NO	--
EXHAUST AIR	2"	--	X	--	--	--	--	--	NO	--	YES	2" FSK
OUTSIDE AIR/MIXED AIR	2"	--	X	--	--	--	--	--	NO	--	YES	3" FSK

NOTES:

EXHAUST FAN SCHEDULE															
EF #	LOCATION	SYSTEM	CFM	SP	FAN RPM	MOTOR H.P.	ELEC CHAR	AMPS	DAMPER BDD OR MOD	DRIVE	FAN TYPE	INTERLOCK/CONTROL	WEIGHT	MANUFACTURER & MODEL NUMBER	NOTES
1	ROOF	EXHAUST	650	0.5	1200	1/4	208/1	--	MOD	DIRECT	PRV	LIGHTS	60	GREENHECK G-120-VG	1-4

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 1. PROVIDE ELECTRONIC SPEED CONTROL MOUNTED ABOVE ACCESSIBLE CEILING.  
 2. M.C. SHALL PROVIDE LOW VOLTAGE MOTORIZED DAMPER.  
 3. OPERATION OF DEVICE ON OCCUPIED MODE OF RTU OR SWITCH WITH LIGHTS. SEE INTERLOCK/CONTROL COLUMN FOR TYPE.  
 4. PROVIDE WEATHER HOOD AND BIRD SCREEN.

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WDB ENGINEERING  
 CIVIL  
 SALAS O'BRIEN  
 MECHANICAL / ELECTRICAL



KF  
 drawn by  
 DMG  
 checked by  
 MAY 2023  
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 revisions

MOORE PUBLIC SCHOOLS  
 BOARD OF EDUCATION  
 MOORE, OKLAHOMA



LOCKER ROOM  
 ADDITION  
 MOORE WEST  
 JUNIOR HIGH SCHOOL

sheet no:  
**M601**

**Salas O'Brien**  
 2800 Van Buren St., Suite 2635  
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 Salas O'Brien Registration: CA# 7058  
 Expiration Date: 6/30/2025  
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