MARK	MANUFACTURER	MODEL	TYPE	FACE SIZE (L" X W")	NECK SIZE (L" X W")	MATERIAL	COLOR	BLADE SPACING	FRAME TYPE
(S-1)	EHG	DMR	SPIRAL MOUNT GRILL	-	SEE PLAN	STEEL	MILL	3/4"	SPIRAL MOUNT
(R-1)	PRICE	530	SURFACE MOUNT RETURN	ı	SEE PLAN	STEEL	WHITE	3/4"	SURFACE MOUNT
(R-2)	RAYMON DONCO	ECR	EGG CRATE RETURN	24X12	22X10	ALUMINUM	WHITE	1/2"	LAY-IN
(R-3)				24724	22X22	MINIMI		A (OII	
	RAYMON DONCO	ECR	EGG CRATE RETURN	24%24	F.F. / Y.F.	ALCIVIIIVO	WHITE HITE	11/2	LAY-IN
	RAYMON DONCO	ECR	EGG CRATE RETURN ELECT		ALL HEATERS	TERS	WHI	11/2	LAY-IN
EXISTING	RAYMON DONCO MARK	FCR ROOM(S) SERVED	EGG CRATE RETURN ELECT MANUFACTURER		LL HEA	VOLTAGE	WHI	REMARKS	LAY-IN

GF-4	GF-3	GF-2		EXISTING MARK		
COMFORTMAKER	COMFORTMAKER	COMFORTMAKER		MANIIEACTIIRER		
N92ESN1202420A	N92ESN1202420A	N92ESN1202420A		MODE		
5.0	5.0	5.0		NOM CAP		
1800	1800	1800	(CFM)	TOTAL AIR		
460	460	460	(CFM)	MIN. O.A.		
DIRECT	DIRECT	DIRECT	TYPE	BL		
0.75	0.75	0.75	ESP	LOWER REQUIREMENTS		
3/4	3/4	3/4	품	QUIREMEN		
945	945	945	RPM	ITS		
120,000	120,000	120,000	INPUT (Mbh)		7 0	
111,000	111,000	111,000	OUTPUT (Mbh)	HEATING	GAS FURNACES	
-	•		EAT (F°)	HEATING PERFORMANCE	RNA	
-	-	-	LAT (F°)	CE	CES	
92	92	92	AFUE %			
115-1-60	115-1-60	115-1-60		VOI TAGE		
13.0	13.0	13.0		INIT MCA		
15	15	15		MAY ELISE		
183	183	183	(lb)	WEIGHT		
7	7	7	FILTER	MERV		
SEALED COMBUSTION	SEALED COMBUSTION	SEALED COMBUSTION	NEBELVINA	REMARKS		

											AIR	AIR HANDLING UNITS	ING		S						
	MARK	MANITEACTIBER	MODE	NOM CAP	TOTAL AIR MIN. O.A.	MIN O.A.		BLOWER REQUIREMENTS	QUIREME	NTS		HEATING	HEATING PERFORMANCE	E		VOI TAGE	SOLI TAGE NOM TINIT SOVE IOA	MAY EIISE		MERV	REMARKS
		MINION ACTOREX		(TONS)	(CFM)	(CFM)	TYPE	ESP	₹	RPM	(HdM) TUPNI	RPM INPUT (Mbh) OUTPUT (Mbh) EAT (F°) LAT (F°) AFUE %	EAT (F°)	LAT (F°)		200		2	(lb)	FILTER	NEWANNO
Ţ	AHU-1	COMFORTMAKER	FXM4x6000AL	5.0	1800	0	DIRECT .75	.75	3/4	230/1	27,304	135	•	•	100	230/1	48.5	50	205	7	FIELD INSTALLED ELECTRIC HEATER

NOTES:

NOM. CAP. (TONS)

EXISTING

		5	NU	NU	AG C	2	CONDENSING ONLY SCREDOLE							
	EVAPOR	EVAPORATOR PERFORMANCE	RMANCE				HEATING PERFORMANCE	RMANCE		BOVE IOA		MAY ELISE	WEIGHT	DEMADKS
EAT -wb (F°)	LAT -db (F°)	EAT -wb (F°) LAT -db (F°) LAT -wb (F°) Mbh-T	Mbh-T	Mbh-S	SEER/EER	INPUT (Mbh)	(Mbh) OUTPUT (Mbh) EAT (F°)	EAT (F°)	LAT (F°)	*01701	ONI MOA		(lb)	KEMPIKKO
-	-	-	-		16.0	-	-	-	-	208-1-60	32.4	50	280	
	-	-	-	-	16.0	-	-	-	-	208-1-60	32.4	50	280	
		•	-	-	16.0	-	1	-	-	208-1-60	32.4	50	280	
-	•	-	-		16.0		•	-	-	208-1-60	32.4	50	280	

BUILDING CODE SUMMARY

JOB OVERVIEW

Mechanical Contractor to reconfigure existing ductwork to conform to the new layout. Mechanical Contractor to Install (4) new furnaces and (1) new air handler.

STRUCTURAL

Structural Steel - Structural engineering provided on Architects plan.

Roof Access - Owner to provide permanent roof access on all roofs over 16' in height. Permanent roof access in not inclu
Rails / Platforms - Owner to provide any rails or platforms required by code. Rails and platforms are not part of this plan.

GENERAL

SPECS

- Final Test The installer shall be responsible for testing and balancing of the HVAC system. the person or agency responsible for the ventilation system shall document the amount of outdoor air being provided and distributed for the building occupants and any other specialty ventilation. The document shall remain on site and shall be made available to DOC upon request. An operation and maintenance manual shall be provided to the owner or operator of the building. The manual shall include basic data related to the operation and maintenance actions shall be clearly identified. Where applicable, HVAC controls information such as diagrams, schematics, control sequence descriptions, and maintenance & calibration information shall be included.

 National Environmental Balancing Bureau (NEBB) Procedural standards, the associated Air Balancing Council (AABC) National Standards, National Balancing Counsel (NBC) or equivalent balancing procedures are acceptable.

Outside air intake openings shall be located so as to 2 feet minimum below the containment source.

FRESH AIR & COMBUSTION AIR INTAKES

- Air intakes and exhaust shall be at least 10 feet from a property line or lot line of both or an adjacent building in the same proper. The lowest side of outside air intake openings shall be located at least 12 inches above the bottom of an areaway.

 Screens: All outside air intakes shall be provided with a device to prevent the intake of foreign material of 1/2 inch size or larger.

 Dampers: All required outside air intakes shall be equipped with a damper with automatic controls which will close the damper a

DUCT CONSTRUCTION

- Metal Ducts All sheet metal ducts, duct liners and fittings shall be constructed in
- Combustible ducts Combustible ducts (wood or plastic) are not permitted on this job.

 Nonmetallic Ducts Nonmetallic Ducts (Fiberboard) are not permitted under any circumstances.

 Additional duct sealing All longitudinal and transverse joints, seams and connections in metallic and nonmetallic ducts shall be sealed in accordance to IMC 603.9 Hanging All ductwork to be hung using cable, 1" 22g or greater strap or threaded rod. Hanging off decking is permitted. All exposed ductwork to be hung with tearc Insulation Supply and return drops to be lined with 1" insulation. All other ductwork to be wrapped with R6.0 insulation.

 Duct Height All ductwork to be hung a minimum of 8" above top of ceiling grid/framing.

 Final Grill Locations Coordinate with electrician and sprinkler fitter on final diffuser location.

INSULATION

CONTRACTOR:

Teko Mechanical, Inc.

PO Box 1022 | Waukesha, Wisconsin 53187

P 262.547.5800 | F 262.547.5831 | info@tekoinc.com | tekoinc.com

COMMERCIAL INDUSTRIAL

DESIGN BUILD

PROJECT:

HOWL AT THE MOON

1103 N DOCTOR MLK JD DRIVE MILWAUKEE, WI

