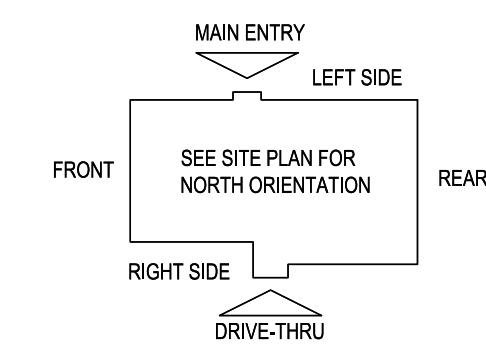


**E5 HVAC PLAN**  
SCALE: 1/4" = 1'-0"



**NOTE:** ALL DUCTWORK TO BE LOCATED IN TRUSS SPACE WHERE POSSIBLE. SEE FRAMING PLAN.

HVAC SETPOINTS RECOMMENDED BY CORPORATE OPERATIONAL GUIDELINES:  
 1. DINING: HEATING 70 DEGF. COOLING 72 DEGF.  
 2. KITCHEN: HEATING 68 DEGF. COOLING 74 DEGF.

SUPPLY DUCTWORK SIZING TABLE*			
ROUND		RECTANGULAR	
SIZE	CFM RANGE	SIZE	CFM RANGE
8"	115 - 235	8"x8"	205 - 300
10"	240 - 435	10"x8"	305 - 400
12"	440 - 710	10"x10"	405 - 550
14"	715 - 1,070	12"x10"	555 - 700
16"	1,075 - 1,530	12"x12"	705 - 900
18"	1,535 - 2,090	14"x12"	905 - 1,105
20"	2,095 - 2,760	16"x12"	1,110 - 1,315
22"	2,765 - 3,550	18"x12"	1,320 - 1,520
24"	3,555 - 4,470	20"x12"	1,525 - 1,740
		22"x12"	1,745 - 1,950
		24"x12"	1,955 - 2,170
		26"x12"	2,175 - 2,400
		28"x12"	2,405 - 2,610
		30"x12"	2,615 - 2,840
		32"x12"	2,845 - 3,070
		34"x12"	3,075 - 3,290
		36"x12"	3,295 - 3,520
		36"x14"	3,525 - 4,420

\*CONTRACTOR MAY SUBSTITUTE RECTANGULAR FOR ROUND DUCTWORK ON MAIN RUNS AT THEIR DISCRETION. BRANCHES TO DIFFUSERS TO REMAIN ROUND.

DIFFUSER, REGISTER, AND GRILLE SCHEDULE									
TAG	SERVICE	TYPE	MATERIAL	THROW	FACE	NECK	MOUNTING	MANUFACTURER/MODEL	Notes
SD-1	SUPPLY	LOUVERED	STEEL	4-WAY	24X24	SEE PLAN	LAY-IN	CARNES SFP24	2, 4
SD-2 - NOT USED									
SD-3	SUPPLY	LOUVERED	STEEL	3-WAY	SEE PLAN	SEE PLAN	SURFACE	CARNES SKSA	2, 4
SD-4	SUPPLY	LOUVERED	STEEL	4-WAY	12X12	SEE PLAN	SURFACE	CARNES SKSA	1, 2, 4
SD-5	SUPPLY	PERFORATED	STEEL	PERFORATED	24X24	SEE PLAN	LAY-IN	CARNES SPRB24	2, 4
RG-1	RETURN	SQUARE EGGRATE	ALUMINUM	N/A	24X24	22X22	LAY-IN	CARNES RAPMF	2, 3, 4
EG-1	RETURN	LOUVERED GRILLE	STEEL	N/A	12X12	SEE PLAN	SURFACE	CARNES RTLAH	1, 2, 4
TG-1	TRANSFER	LOUVERED GRILLE	STEEL	N/A	SEE PLAN	SEE PLAN	SURFACE	CARNES RTLAH	2, 4

**DIFFUSER NOTES:**

- PROVIDE w/ ADJUSTABLE OPPOSED BLADE DAMPER
- VERIFY ALL DIFFUSERS AND RETURN GRILLE COLORS WITH OWNER AND ARCHITECT
- PROVIDE w/ 22X22 PLENUM BOX.
- ALL DIFFUSERS AND RETURNS LOCATED IN BLACK CEILING SHOULD BE FLAT BLACK FINISH.

© 2021

**NEW CULVER'S RESTAURANT**  
**2009 6th Avenue SE**  
 Decatur, AL 35601  
 County of MORGAN

*Culver's*  
 Culver Franchising System, Inc.  
 1240 Water Street  
 Prairie du Sac, WI 53578  
 608-843-7380

OWNER: FIVEFOLD PROPERTIES, LLC  
 149 Bakers Farm Drive  
 Decatur, AL 35603  
 Eric Miller  
 850-496-0993

OLLMANN ASSOCIATES ARCHITECTS, P.C.  
 200 South State Street  
 Belleville Illinois 61008  
 815-544-7790 Phone

© OAA  
 All rights reserved; any copying, transmittal or disclosure subject to OAA written approval.

**HVAC PLAN, DIFFUSER SCHEDULE**

Revision: 10-21-2021  
 Date: 10-21-2021

2021-092  
**M101**

CONSTRUCTION SET 11-24-2021