

GRILLE, REGISTER, & DIFFUSER SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	NECK SIZE (IN)	MODULE SIZE (IN)	DESIGN AIRFLOW (CFM)	MAX. TOTAL PRESSURE DROP AT DESIGN AIRFLOW (IN WG)	FINISH	MATERIAL	COMMENTS
CD-1	TITUS	TMS	3 CONE, SQUARE PANEL	6"ø	12" x 12"	150 CFM	0.073	WHITE	STEEL	01 02 03
CD-4	TITUS	TMS	3 CONE, SQUARE PANEL	8"ø	24" x 24"	300 CFM	0.101	WHITE	STEEL	01 02 03
RG-2	TITUS	50F	EGGCRATE GRILLE WITH 1/2" x 1/2" x 1/2" CORE	22" x 10"	24" x 12"	1050 CFM	0.053	WHITE	ALUMINUM	01 02 03
RG-3	TITUS	50F	EGGCRATE GRILLE WITH 1/2" x 1/2" x 1/2" CORE	22" x 22"	24" x 24"	2250 CFM	0.053	WHITE	ALUMINUM	01 02 03
SGR-1	TITUS	350RL	35° FIXED SINGLE DEFLECTION, 3/4" BLADE SPACING, SIDE GRILLE	6" x 6"	8" x 8"	95 CFM	0.051	WHITE	STEEL	01 02 03

- 01 REFER TO REFLECTED CEILING PLAN FOR CEILING TYPE FOR ALL DEVICES.
- 02 MAXIMUM NOISE LEVEL AT DESIGN AIRFLOW IS 40 NC FOR ALL DEVICES.
- 03 BASIS OF DESIGN OR EQUAL.

VARIABLE AIR VOLUME BOX SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	INLET SIZE (IN)	MAX. AIRFLOW (CFM)	MIN. AIRFLOW (CFM)	COMMENTS
VAV-1-2	TITUS	DESV	0' - 9"	940	350	01 02
VAV-1-3	TITUS	DESV	0' - 8"	690	250	01 02
VAV-1-4	TITUS	DESV	0' - 5"	230	90	01 02
VAV-1-6	TITUS	DESV	0' - 8"	765	270	01 02
VAV-2-1	TITUS	DESV	0' - 6"	460	200	01 02
VAV-2-2	TITUS	DESV	0' - 8"	690	270	01 02
VAV-3-1	TITUS	DESV	0' - 8"	870	315	01 02
VAV-3-2	TITUS	DESV	0' - 7"	540	190	01 02
VAV-3-3	TITUS	DESV	0' - 6"	460	165	01 02
VAV-3-4	TITUS	DESV	0' - 8"	720	255	01 02
VAV-3-5	TITUS	DESV	0' - 9"	900	325	01 02

- 01 PROVIDE WITH VVT CONTROLLER AND SOUND ATTENUATOR.
- 02 BASIS OF DESIGN OR EQUAL.

DUCT CONSTRUCTION, PRESSURE CLASS, AND SEALING

DUCT SYSTEM	SMACNA CLASS		REFER TO NOTE
	CONSTRUCTION	SEAL CLASS	
ALL DUCTWORK EXCEPT AS LISTED BELOW	+/- 1" W.C.	A	
FRESH AIR DUCTS	+ 2" W.C.	A	
RETURN AIR DUCTS	- 1" W.C.	A	
GENERAL AND TOILET EXHAUST DUCTS	- 2" W.C.	A	
TRANSFER AIR DUCTS	- 1" W.C.	A	
VAV SUPPLY DUCTWORK TO TERMINAL UNITS	4" W.C.	A	
SUPPLY DUCTS ON LEAVING SIDE OF TERMINAL UNITS	1" W.C.	A	

GENERAL NOTES:
REFER TO SPECIFICATIONS FOR DUCT CONSTRUCTION OPTIONS,
SHEET METAL DUCT, EXTERIOR INSULATION, ETC.

NO. DATE DESCRIPTION
01 12-04-2025 FOR BID

**BOONE CO. CLERK OFFICE
RENOVATION**
8020 Veterans Memorial Dr.
Florence, KY 41042

KZF DESIGN INC.
Designing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzf.com

DESIGNED COMM. NO.
FYE 6914.38
DRAWN DATE
MEYER 12-04-2025
CHECKED PROJ. MGR.
FYE ANDERSON

SCHEDULES

DRAWING NUMBER ISSUE
M-601 01

NOT FOR CONSTRUCTION