

1 HVAC PLAN
M-101 SCALE: 1/8" = 1'-0"

PACKAGED ROOFTOP UNIT SCHEDULE

MARK	BASIS OF DESIGN		NOMINAL TONS	SUPPLY CFM	O.A. CFM	E.S.P. "W.C.	COOLING MBH		ELECTRIC HEAT KW	MIN. SEER	ELECTRICAL			NOTES
	MANUFACTURER	MODEL NO.					TOTAL	SENSIBLE			MCA	MOCP	V/Ø/Hz	
RTU-1	CARRIER	50KC-A06	5.0	2000	320	0.5	61.8	46.2	13.0	14.0	77	80	230/1/60	①②③④⑤⑥⑦
RTU-2	CARRIER	50KC-A06	5.0	2000	400	0.5	61.8	46.2	13.0	14.0	77	80	230/1/60	①②③④⑤⑥⑦
RTU-3	CARRIER	50KC-A06	5.0	2000	400	0.5	61.8	46.2	13.0	14.0	77	80	230/1/60	①②③④⑤⑥⑦

- ① LOW LEAKAGE MOTORIZED OUTDOOR AIR DAMPER AND RETURN AIR DAMPER
- ② DISCONNECT SWITCH
- ③ UNPOWERED CONVENIENCE OUTLET
- ④ ROOF CURB
- ⑤ MIN. MERV 6 FILTER
- ⑥ VERTICLE DISCHARGE
- ⑦ ECONOMIZER WITH MOTORIZED DAMPER AND BAROMETER RELIEF

AIR DISTRIBUTION DEVICE SCHEDULE

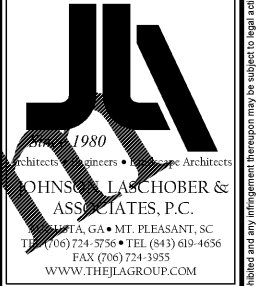
MARK	SIZE (INCHES)		MOUNTING			THROW	MATERIAL		DEVICE CONN.			BASIS OF DESIGN		NOTES
	FACE	NECK	SIDEWALL	CEILING	DUCT		STEEL	ALUM.	1	2	3	MANUF.	MODEL NO.	
SD-1	24/24	6"Ø		X		4	X		X			TITUS	TMS	①②
SD-2	24/24	8"Ø		X		4	X		X			TITUS	TMS	①②
SD-3	24/24	10"Ø		X		4	X		X			TITUS	TMS	①②
SD-4	18/8	18/8	X			1	X			X		300RS		①
RG-1	24/24	8/8		X		-	X		X			TITUS	PAR	①②
RG-2	24/24	22/22		X		-	X		X			TITUS	PAR	①②
RG-3	24/24	22/22		X		-	X		X			TITUS	PAR	①②
RG-4	18/6	18/6	X			-						TITUS	350RL	①

- LEGEND
1. SYMBOL KEY - FIRST LETTER: S-SUPPLY, R-RETURN, E-EXHAUST, T-TRANSFER AND/OR SECOND LETTER: D-DIFFUSER, R-REGISTER AND GRILLE.
2. CONNECTIONS - 1. ROUND DUCT TO ROUND NECK (DEVICE CONN. COLUMN) 2. ROUND DUCT TO RECTANGULAR NECK (COLUMN) 3. RECTANGULAR DUCT TO RECTANGULAR NECK.
3. FIELD PAINT ALL SUPPLIES AND RETURNS TO MATCH CEILING AND/OR WHITE FINISH OTHERWISE.
4. 1, 2, 3 AND 4-WAY AND DOUBLE DEFLECTION (DD) AIR DIFFUSERS ARE INDICATED IN "SHOW" COLUMN.
- ① DUCT RUNOUT SIZE SAME AS NECK CONNECTION SIZE. U.N.
 - ② PROVIDE WITH R-6 FOIL-INSULATION
 - ③ SEE DETAIL 10/M-201
 - ④ SEE DETAIL 11/M-201

EXHAUST FAN SCHEDULE

MARK	BASIS OF DESIGN		TYPE	ESP (IN WC)	NOM. CFM	FRPM	WATTS	SONES	ELECTRICAL V/Ø/Hz	NOTES
	MANUFACTURER	MODEL NO.								
EF-1	GREENHECK	SP-B150	CEILING	0.25	150	1050	128	3.8	115/1/60	①②
EF-2	GREENHECK	SP-B150	CEILING	0.25	150	1050	128	3.8	115/1/60	①②
EF-3	GREENHECK	SP-B50	CEILING	0.25	25	625	38	4.3	115/1/60	①②

- ① INTERLOCK WITH LIGHTS
- ② BACKDRAFT DAMPER

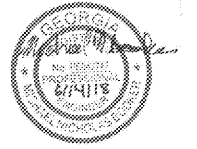


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CLIENT: COLUMBIA COUNTY
4325 EVANS TO LOCKS RD., EVANS, GA 30809

PROJECT NAME: HARLEM THEATER RENOVATIONS PROJECT

PROJECT LOCATION: 135 N. LOUISVILLE ST., HARLEM, GA 30814



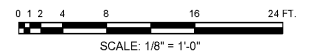
REV	DATE	BY	DESCRIPTION
1	08/14/18	MNB	RE-ISSUE FOR CONSTRUCTION
0	05/09/18	MNB	ISSUED FOR CONSTRUCTION

PROJECT NO. 3045.1704
DRAWN BY: MNB
CHECKED BY: CVW
DATE: 03/26/18

SHEET TITLE:
HVAC PLAN AND SCHEDULES

SCALE: 1/8" = 1'-0"

DRAWING NO. **M-101** REV. **1**



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