





HANNEY & ASSOCIATES, ARCHITECTS  
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SOUND ATTENUATOR SCHEDULE																				
TAG	ASSOC. WITH	MODEL	TYPE	DIMENSIONS (INCHES)			AIRFLOW	VELOCITY	IDEAL PD	PD	MINIMUM DYNAMIC INSERTION LOSS (dB) AT OCTAVE BAND CENTER FREQUENCY (HZ)							WT.	NOTES	
				W x H	Ø	L					63	125	250	500	1,000	2,000	4,000			8,000
SA-1	RTU-2	DM	D	38 x 38	--	60	16,000	1596	--	0.15	2	9	16	25	32	25	16	10	--	--
SA-2	RTU-3	DM	D	38 x 38	--	60	16,000	1596	--	0.15	2	9	16	25	32	25	16	10	--	--

**GENERAL NOTES:**  
A. BASED ON RUSKIN. APPROVED ALTERNATE MANUFACTURERS: VIBRO-ACOUSTICS, COMMERCIAL ACOUSTICS.  
B. PERFORMANCE BASED ON TESTS & PROCEDURES PERFORMED IN ACCORDANCE WITH ASTM E477 BY 3RD PARTY FIRM.

LEGEND	
D = DISSIPATIVE	R = REACTIVE

LOUVER SCHEDULE										
TAG	ASSOCIATED EQUIPMENT	MODEL	TYPE	DUTY	DIMENSIONS (W x H x D)	FREE AREA	AIRFLOW	PRESSURE DROP	BOT. OF LOUVER HEIGHT AFF	NOTES
L-1	F-1	ELF375DXH	DRAINABLE STATIONARY	INTAKE	14 x 14 x 4	0.65	200	0.03	SEE NOTE 1	--
L-2	F-2	ELF375DXH	DRAINABLE STATIONARY	INTAKE	14 x 14 x 4	0.56	165	0.02	SEE NOTE 2	--
L-3	F-3, F-4	ELF375DXH	DRAINABLE STATIONARY	INTAKE	24 x 24 x 4	1.98	840	0.04	SEE NOTE 2	--
L-4	ERV-1	ELF375DXH	DRAINABLE STATIONARY	DISCHARGE	32 x 24 x 4	2.69	1,325	0.05	SEE NOTE 2	--
L-5	F-7	ELF375DXH	DRAINABLE STATIONARY	INTAKE	12 x 12 x 4	0.24	100	0.04	SEE NOTE 2	--

**GENERAL NOTES:**  
A. BASED ON RUSKIN. APPROVED ALTERNATE MANUFACTURERS: GREENHECK, LOUVERS & DAMPERS, POTTORFF.  
B. PROVIDE WITH ALUMINUM BIRD SCREEN AND 2 COAT BAKED ENAMEL FINISH. COLOR AS SELECTED BY ARCHITECT/OOWNER FROM MANUFACTURERS STANDARD COLOR CHART. SCHEDULED PRESSURE DROPS DO NOT INCLUDE EFFECT OF BIRD SCREEN.

**NOTES:**  
1. INSTALL AT SAME ELEVATION AS L-2.  
2. INSTALL NEAR TOP OF WALL.

ROOF CAP SCHEDULE									
TAG	ASSOCIATED EQUIPMENT	MODEL	DUTY	THROAT DIMENSIONS (Ø)	NUMBER OF TIERS	AIRFLOW	PRESSURE DROP	WEIGHT	NOTES
RC-1	EF-8,9	PR-12	DISCHARGE	12.5	1	140	0.01	15	--
RC-2	EF-1,2	PR-12	DISCHARGE	12.5	1	420	0.04	15	--
RC-3	EF-7	PR-8	DISCHARGE	8.5	1	70	0.01	10	--
RC-4	EF-3,4,5	PR-12	DISCHARGE	12.5	1	230	0.01	15	--
RC-5	ERV-1	PR-16	INTAKE	16.5	1	1,325	0.1	19	--

**GENERAL NOTES:**  
A. BASED ON COOK. APPROVED ALTERNATE MANUFACTURERS: GREENHECK, ACOME, PENNBARRY.  
B. PROVIDE WITH ALUMINUM CONSTRUCTION, WELDED CURB-CAP CORNERS, AND ROOF CURB. CURB SHALL BE COMPATIBLE WITH METAL ROOF PANELS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

AIR TERMINAL SCHEDULE											
TAG	MODEL	STYLE	USE	LOCATION	MOUNTING	MATERIAL	FINISH	OBD	FD	RD	NOTES
A	TDC	LOUVERED	SUPPLY	CEILING	LAY-IN	STEEL	WHITE PAINT	--	--	--	--
B	TDC	LOUVERED	SUPPLY	CEILING / DUCT	SURFACE	STEEL	WHITE PAINT	X	--	--	--
C	35ORL	35° FIXED BLADE	RETURN	WALL / DUCT	SURFACE	STEEL	FACTORY PRIMER	--	--	--	--
D	50F	EGGGRATE	RETURN	CEILING	LAY-IN	ALUMINUM	WHITE PAINT	--	--	--	1
E	50F	EGGGRATE	EX-HAUST	CEILING	SURFACE	ALUMINUM	WHITE PAINT	X	--	--	--
F	50F	EGGGRATE	TRANSFER	CEILING	LAY-IN	ALUMINUM	WHITE PAINT	--	--	--	1
G	30ORL	ADJ. DOUBLE DEFLECTION	SUPPLY	WALL / DUCT	SURFACE	STEEL	FACTORY PRIMER	X	--	--	--
H	35ORL	35° FIXED BLADE	RETURN	DUCT	SURFACE	STEEL	WHITE PAINT	--	--	--	--
I	50F	EGGGRATE	TRANSFER	CEILING	SURFACE	ALUMINUM	WHITE PAINT	--	--	--	--
J	33RL	H.D. 38° FIXED BLADE	RETURN	WALL	SURFACE	STEEL	FACTORY PRIMER	--	--	--	2
K	35ORL	35° FIXED BLADE	TRANSFER	WALL	SURFACE	STEEL	FACTORY PRIMER	--	--	--	--
L	30ORL	ADJ. DOUBLE DEFLECTION	SUPPLY	DUCT	SURFACE	STEEL	WHITE PAINT	X	--	--	--
M	35ORL	35° FIXED BLADE	EX-HAUST	WALL	SURFACE	STEEL	WHITE PAINT	--	--	--	--

**GENERAL NOTES:**  
A. BASED ON TITUS.  
B. COORDINATE WITH GC FOR FIELD PAINTED AIR TERMINALS, WHETHER TO BE PAINTED INSTALLED OR PAINTED LOSE.  
C. ALL SURFACES VISIBLE THROUGH THE FACE OF THE AIR TERMINAL SHALL BE PAINTED FLAT BLACK. WHERE TERMINALS ARE FIELD PAINTED OTHER THAN BLACK, PROTECT INSIDE OF BOOT BRANCH DUCT TO MAINTAIN BLACK INTERIOR.  
D. BRANCH DUCT SIZE SHALL BE SAME AS NECK SIZE UNLESS OTHERWISE SHOWN ON PLANS.  
E. PROVIDE RECTANGULAR TO ROUND ADAPTERS AS REQUIRED.  
F. BLADES SHALL BE PARALLEL TO THE LONG DIMENSION UNLESS NOTED OR SCHEDULED OTHERWISE.  
G. POINT FIXED BLADES AS APPROPRIATE TO LIMIT VISIBILITY THROUGH GRILLE.  
H. UNLESS NOTED OTHERWISE, TDC DIFFUSER FACE SIZE SHALL CORRELATE TO NECK SIZE AS FOLLOWS: 6'x6" FACE FOR 6'Ø NECK, 9'x9" FACE FOR 8'Ø NECK, 12'x12" FACE FOR 10'Ø NECK, 15'x15" FACE FOR 12'Ø NECK, 18'x18" FACE FOR 14'Ø NECK.

**NOTES:**  
1. PROVIDE WITH 12x24 OR 24x24 LAY-IN PANEL AS INDICATED ON PLANS.  
2. PROVIDE WITH FACTORY MULLIONS/EXTRUSIONS AS REQUIRED FOR MULTIPLE GRILLE SEGMENTS.

AIR TERMINAL LEGEND		
OBD = OPPOSED BLADE DAMPER	(TAG)	(NECK SIZE)
FD = FIRE DAMPER	A-8x8	IF NECK SIZE IS NOT INDICATED, SIZE SHALL CORRESPOND TO BRANCH
RD = RADIATION DAMPER	100 (CFM)	DUCT SIZE INDICATED ON PLAN

2024  
**ARK CHURCH**  
 5501 North Maize Road

DRAWINGS ISSUED			
NO.	DATE	ITEM	ISSUED
13	3/26/25	ADDENDA #1	

COMPUTER DRAWING

DATE:	APRIL 2023		
DRAWN BY:	BMH	CHECKED BY:	DSP

SHEET	
<b>M1.2</b>	
OF	SHEETS