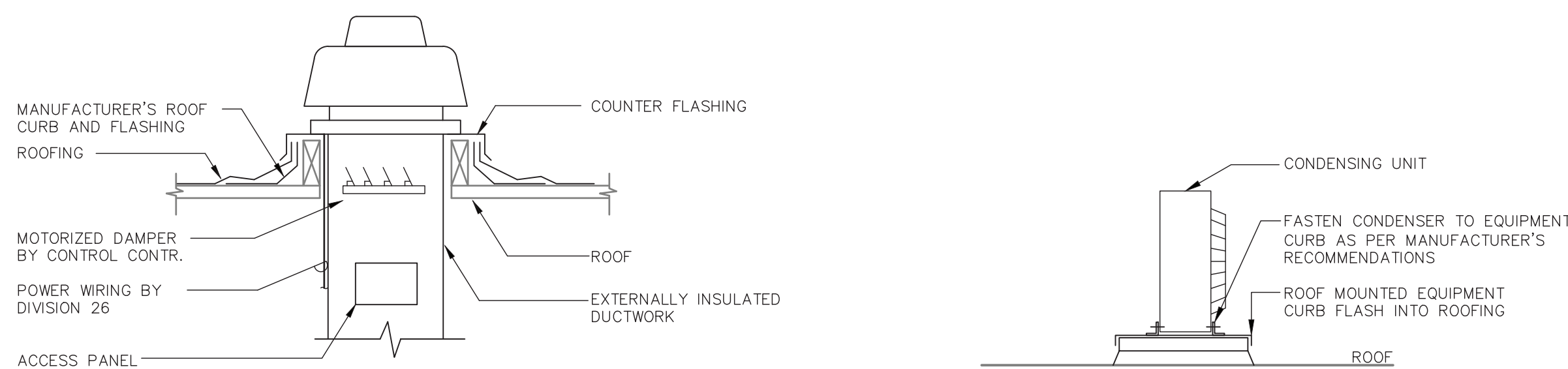
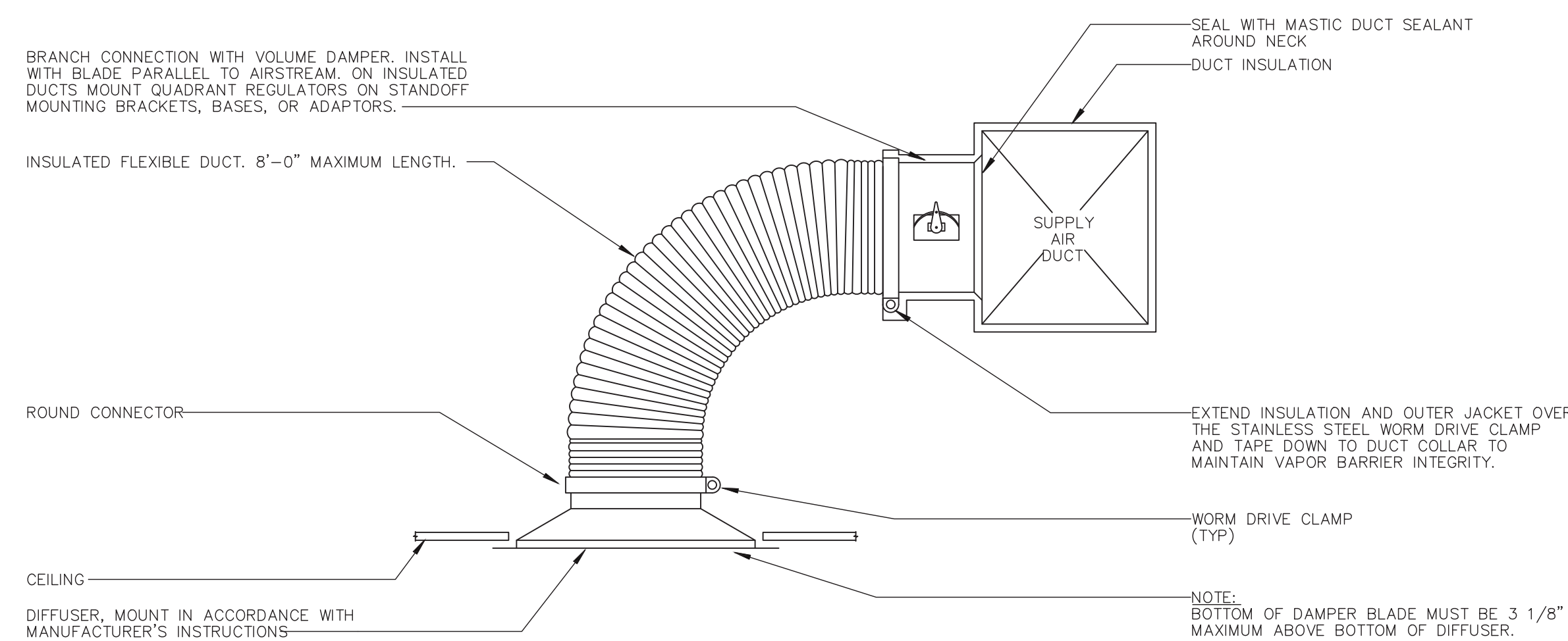


1 TYPICAL DUCT FITTING DETAILS



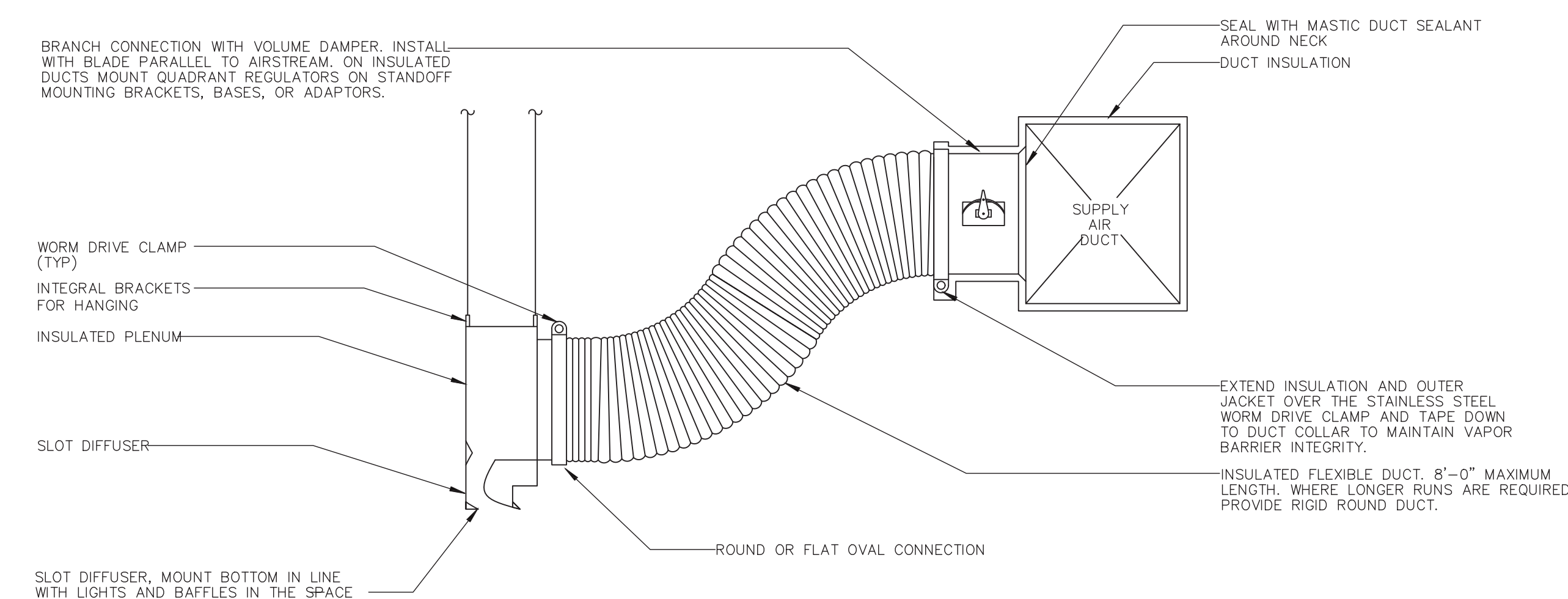
2 ROOF MOUNTED EXHAUST FAN
SCALE: NONE

3 CONDENSING UNIT ROOF MOUNTING DETAIL



- NOTES:**
1. SUPPORT FLEXIBLE DUCT FROM STRUCTURE AS SPECIFIED. DUCT SHALL NOT KINK, SAG OR REST ON LIGHT FIXTURES, CEILING SUPPORT TEES OR TILE.
 2. PROVIDE REGULATORS WHERE VOLUME DAMPER IS ACCESSIBLE.
 3. IN UNCONDITIONED CEILING PLENUMS, INSULATE BACK OF DIFFUSER WITH 1" DUCT WRAP AND SEAL WITH VAPOR BARRIER TAPE.

4 DIFFUSER WITH FLEX DUCT DETAIL



- NOTES:**
1. ALL INTERIOR EXPOSED SURFACES OF SLOT DIFFUSER/PLENUM ARE TO BE PAINTED FLAT BLACK.
 2. SUPPORT FLEXIBLE DUCT FROM STRUCTURE AS SPECIFIED. DUCT SHALL NOT KINK, SAG OR REST ON LIGHT FIXTURES, CEILING SUPPORT TEES OR TILE.
 3. PROVIDE REMOTELY ACTIVATED VOLUME DAMPER WHERE VOLUME DAMPER IS INACCESSIBLE. VOLUME DAMPER IS TO BE ADJUSTED THROUGH FACE OF THE DIFFUSER.

5 LINEAR SLOT DIFFUSER WITH FLEX DUCT DETAIL

FAN SCHEDULE																		
GENERAL					PHYS.	PERFORMANCE					ELECTRICAL			REMARKS				
SYMBOL	MANUFACTURER	MODEL	LOCATION	SERVICE	WEIGHT (LBS)	CFM	SP (IN WG)	RPM	SONES	BHP	HP	VOLTS	PHASE	TYPE	RATINGS	FEATURES	INSTALL	
FE-1	COOK	100C17DEC	ROOF	BATHROOMS & JANITOR CLOSET	24	450	0.5	1,725	7.6	92 WATTS	1/4	120	1	1	ALL	ALL	ALL	
REMARKS—TYPE					REMARKS—RATINGS					REMARKS—FEATURES					REMARKS—INSTALL			
1. ROOF MOUNTED, DOWNBLAST, DIRECT DRIVE.					1. AIR PERFORMANCE CERTIFIED IN ACCORDANCE TO AMCA 210 2. SOUND PERFORMANCE CERTIFIED IN ACCORDANCE TO AMCA 300 3. UL LISTED					1. UNIT MOUNTED SPEED CONTROLLER					1. FAN CONTROLLED BY TIME CLOCK AND SHALL OPERATE CONTINUOUSLY ON BUILDING OCCUPANCY SCHEDULE. 2. PROVIDE ROOF CURB			

SPLIT SYSTEM AC UNIT - INDOOR AIR HANDLER SCHEDULE															
SYMBOL	MANUFACTURER	MODEL	TYPE	LOCATION	NOM. TONS	FAN	CAPACITIES		REFRIGERANT PIPING FROM CONTROLLER TO AIR HANDLER		ELECTRICAL			SOUND (dBA)	REMARKS
						CFM (LOW-HIGH)	COOLING (BTUH)	HEATING (BTUH)	LIQUID	GAS	MCA	VOLTS	PHASE		
AC-1	MITSUBISHI	PKA-A12LA	WALL	IT CLOSET	1.0	260-400	12,000	-	1/4"	1/2"	1.0	208	1	34-48	ALL
REMARKS 1. PROVIDE CONDENSATE PUMP 120V PLUG-IN TYPE AS MANUFACTURED BY SAUERMAN OR APPROVED EQUAL.															

SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
SYMBOL	MANUFACTURER	MODEL	LOCATION	NOMINAL TONS	CAPACITIES		ELECTRICAL			SOUND (dBA)	WEIGHT (LBS)	REMARKS	UNITS SERVED
					COOLING (BTUH)	HEATING (BTUH)	MCA	VOLTS	PHASE				
ACCU-1	MITSUBISHI	PUY-A12NKA7	ROOF	1.0	12,000	—	28	208	1	44	92	ALL	AC-1
REMARKS													
1. R410A REFRIGERANT. CAPACITY RATINGS AT ARI CONDITIONS. COOLING – 80° EDB, 67° EWB, 95° ODB.													
2. PROVIDE LOW AMBIENT KIT TO PROVIDE 100% CAPACITY DOWN TO -0°F.													
3. ROUTE REFRIGERANT PIPING FROM ACCU-1 TO AC-1. COORDINATE EXACT ROUTING IN FIELD. REFRIGERANT PIPE SIZE BY EQUIPMENT MANUFACTURER.													
4. MOUNT CONDENSING UNIT ON CURB.													

DIFFUSER AND REGISTER SCHEDULE

SYMBOL	MANUFACTURER / MODEL NUMBER	DUTY	TYPE	BORDER TYPE	CONSTRUCTION		REMARKS
					FRAME	BLADES	
A	PRICE SPD SERIES	SUPPLY	DD	LAY-IN	STEEL	STEEL	1,5
B	PRICE S20 SERIES	SUPPLY	LF	SURFACE	STEEL	STEEL	2,5
C	PRICE SDS SERIES	SUPPLY	LS	-	ALUMINUM	ALUMINUM	3,4,5
D	PRICE S30 SERIES	RETURN/ EXHAUST	LF	SURFACE	STEEL	STEEL	2,5

TYPES:
DD -- DIRECTIONAL DIFFUSER
LF -- LOUVERED FAN
LS -- LINEAR SLOT

REGISTER / GRILLE
TYPE TAG

INDICATES
NECK SIZE

INDICATES
DESIGN CFM

REMARKS:

- 24x24 LAY IN PANEL
- SURFACE MOUNTED WITH SCREWED FLANGE
- SUSPENDED DIFFUSER FROM BUILDING STRUCTURE WITH INTEGRAL BRACKETS, MANUFACTURER'S "TYPE 9" MOUNTING.
- (2) 3/4" SLOTS; 4"-0" LENGTH AND MANUFACTURER'S SD3 ENGINEERED PLENUM
- COLOR SHALL BE WHITE UNLESS SPECIFIED BY ARCHITECT.

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THE PREMIER COLLECTION

251 EAST MAIN STREET
ELMSFORD, NY. 10523

[illegible]MECHANICAL
DETAILS AND
SCHEDULES

THE PREMIER
COLLECTION

Project Number	23-12
Date	06/07/23
Drawn By	AK
Checked By	PM
Scale	As Noted

M-500