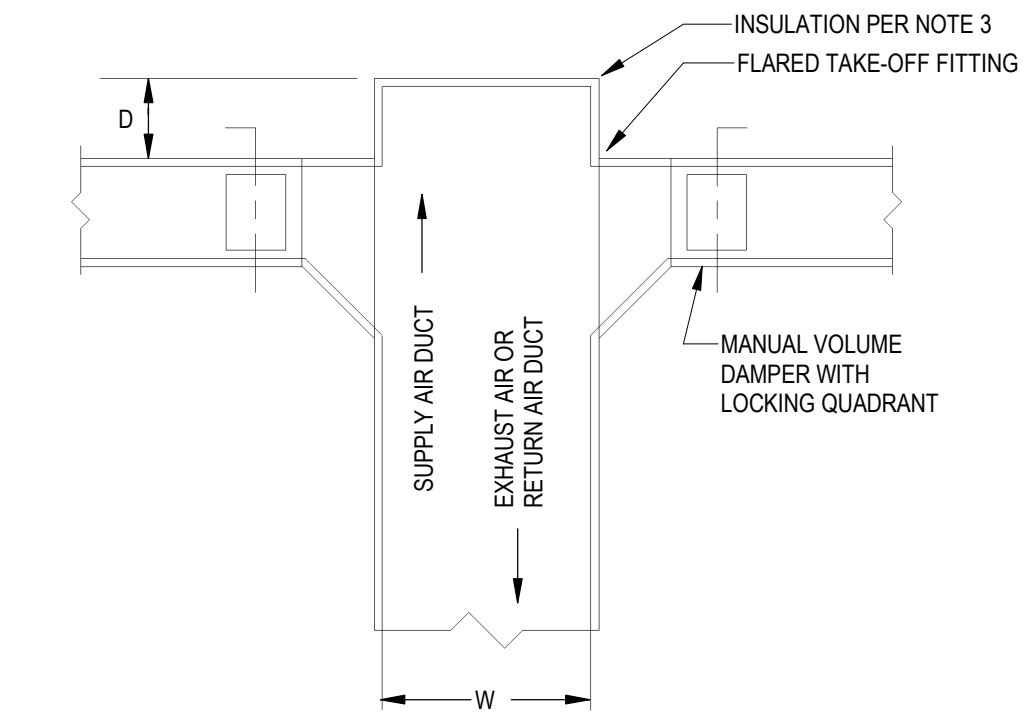


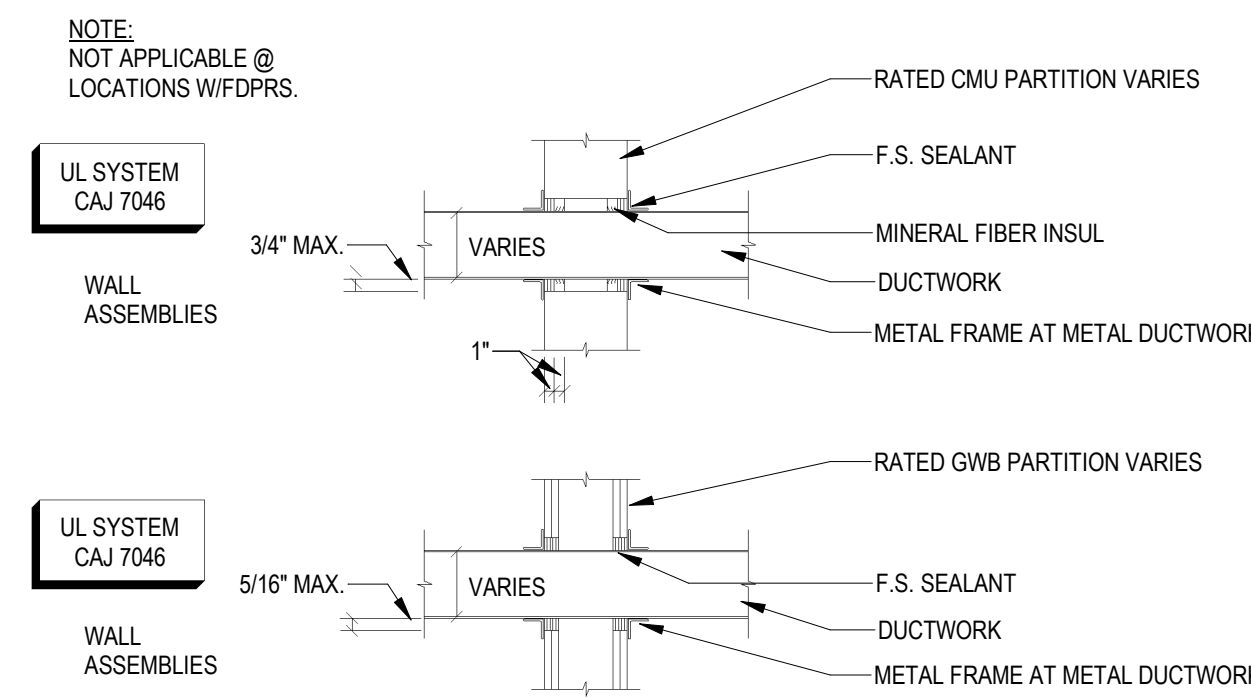
CASSETTE DUCTLESS SYSTEM SCHEDULE														
ID	LOCATION			MANUFACTURER	MODEL NO.	TYPE	FAN		NOMINAL COOLING CAP	UNIT WEIGHT	VOLT	PH	INTERLOCK CONDENSING UNIT ID	REMARKS
	NAME	NO.	DESIGN AIR FLOW				MOTOR ECM							
CAS-1				CARRIER CORPORATION	40MBCQ09-3		325 CFM	Yes	1 ton	42 lb	0 V	0	HP-1	HEAT PUMP AND CASSETTES TO BE PURCHASED AS A UNIT. VERIFY CAPACITY WITH MFG.
CAS-2				CARRIER CORPORATION	40MBCQ09-3		0 CFM	Yes	0 ton	0 lb	0 V	0	HP-1	HEAT PUMP AND CASSETTES TO BE PURCHASED AS A UNIT. VERIFY CAPACITY WITH MFG.
CAS-3				CARRIER CORPORATION	40MBCQ09-3		0 CFM	Yes	0 ton	0 lb	0 V	0	HP-1	HEAT PUMP AND CASSETTES TO BE PURCHASED AS A UNIT. VERIFY CAPACITY WITH MFG.

SPLIT SYSTEM AIR SOURCE HEAT PUMP																	
ID	LOCATION			MANUFACTURER	MODEL NO.	NOMINAL COOLING CAP	NOMINAL HEATING CAP	COMPRESSOR			UNIT WEIGHT	MCA	MOCP	VOLT	PH	REMARKS	
	NAME	NO.	DESIGN AIR FLOW					TYPE	LOW AMBIENT KIT	REFRIGERANT TYPE							SEER
HP-1	ROOF			CARRIER	38MGR24C-3	2 ton	24000 Btu/h	Rotary Inverter	Yes	R-410A	22	150 lb	0.0 A	15.0 A	280 V	1	

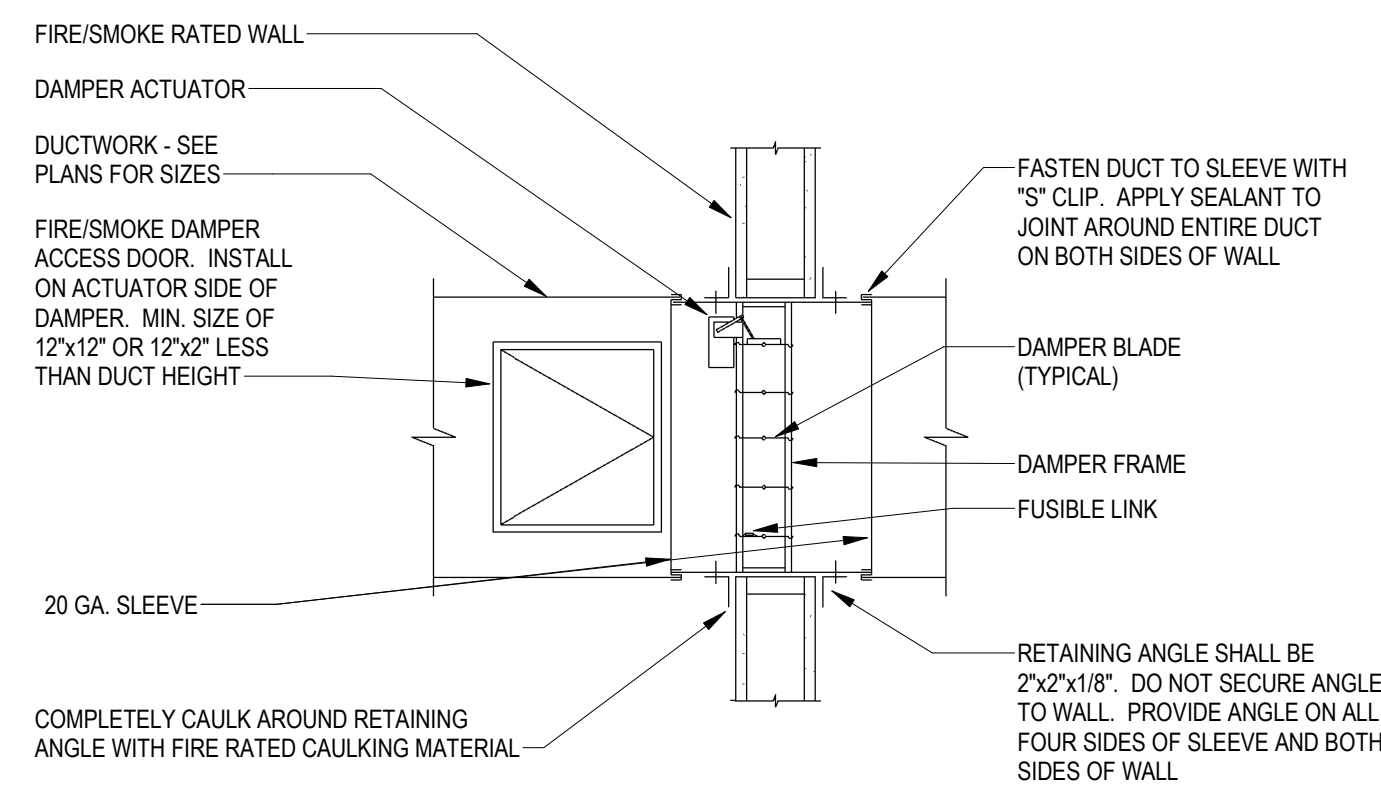


- NOTES:
- AIR CUSHION REQUIRED AT END OF RUN FOR BRANCH TAKE OFFS ILLUSTRATED
 - CUSHION DEPTH, D, EQUAL TO 1/2 THE GREATER OF H OR W, SUBJECT TO 6" MINIMUM, WHERE H = HEIGHT OF DUCT
 - SUPPLY AIR AND RETURN AIR DUCT SHALL BE EXTERNALLY INSULATED ONLY.

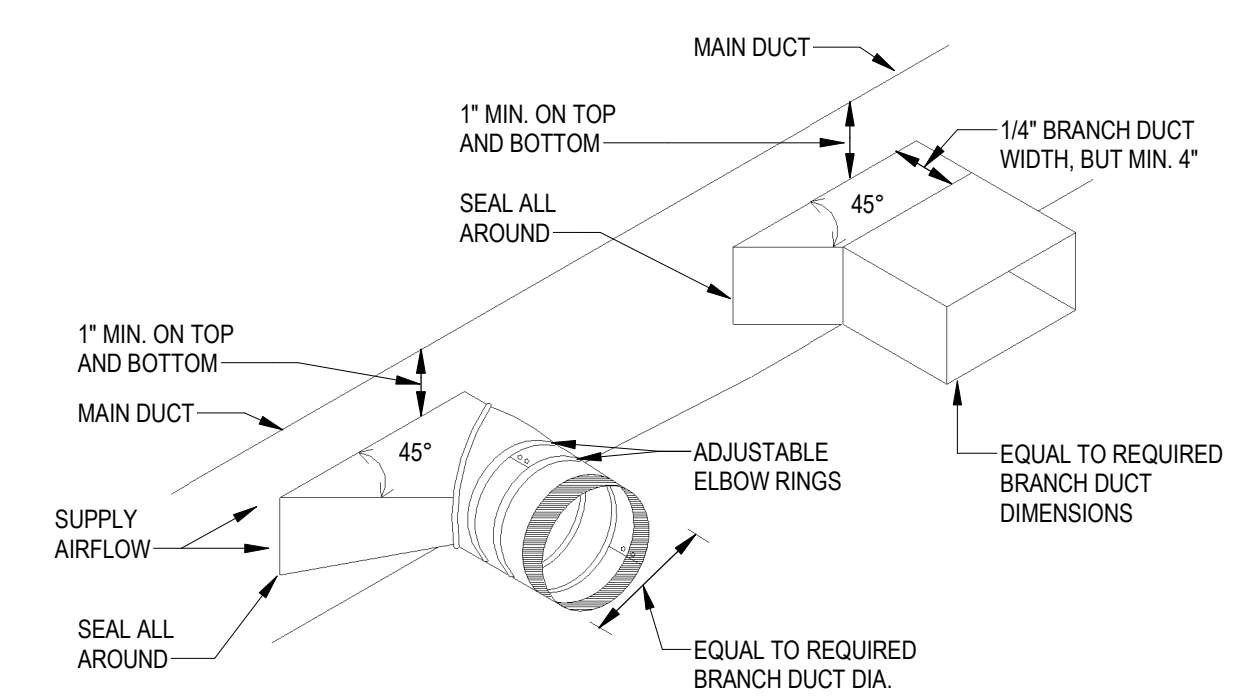
1 EXTERNALLY INSULATED DUCTWORK TEE
M200 NOT TO SCALE



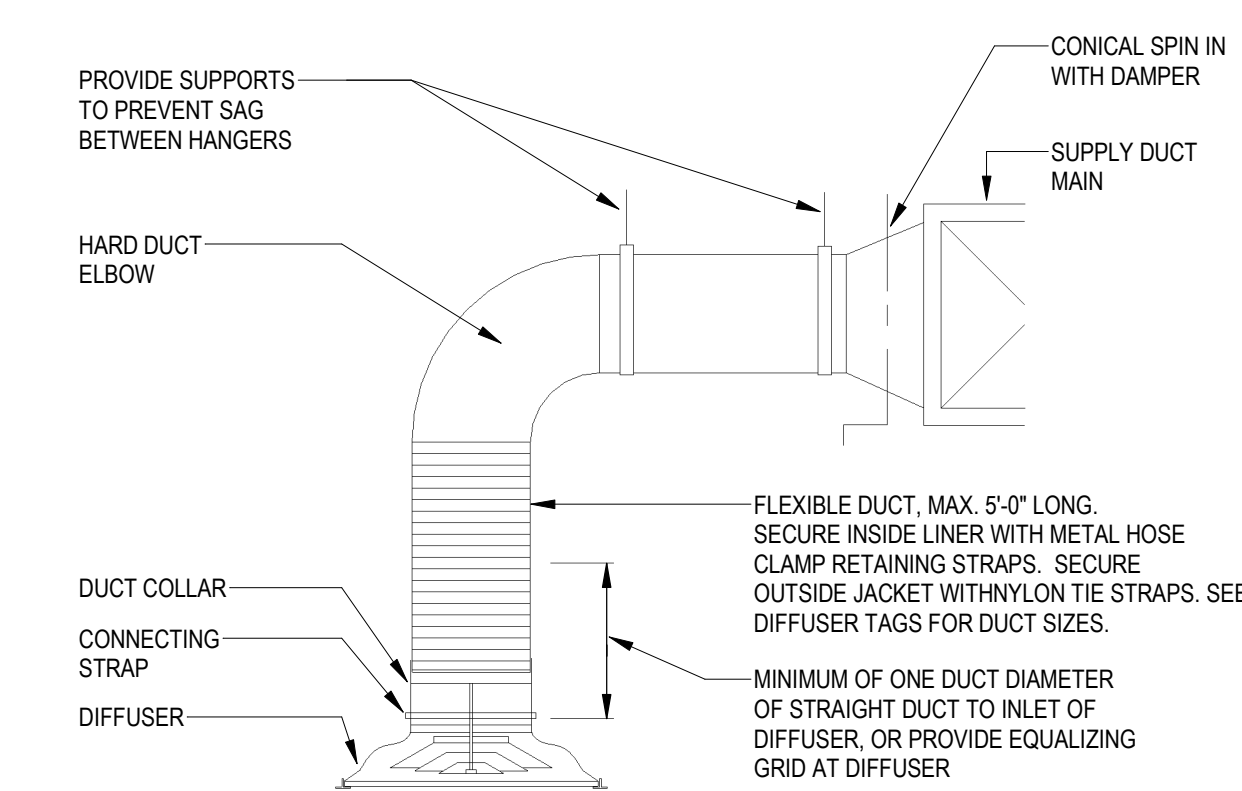
5 FIRESTOP DETAIL AT UNINSULATED DUCTWORK
M200 NOT TO SCALE



6 COMBINATION FIRE/SMOKE DAMPER INSTALLATION DETAIL
M200 NO SCALE

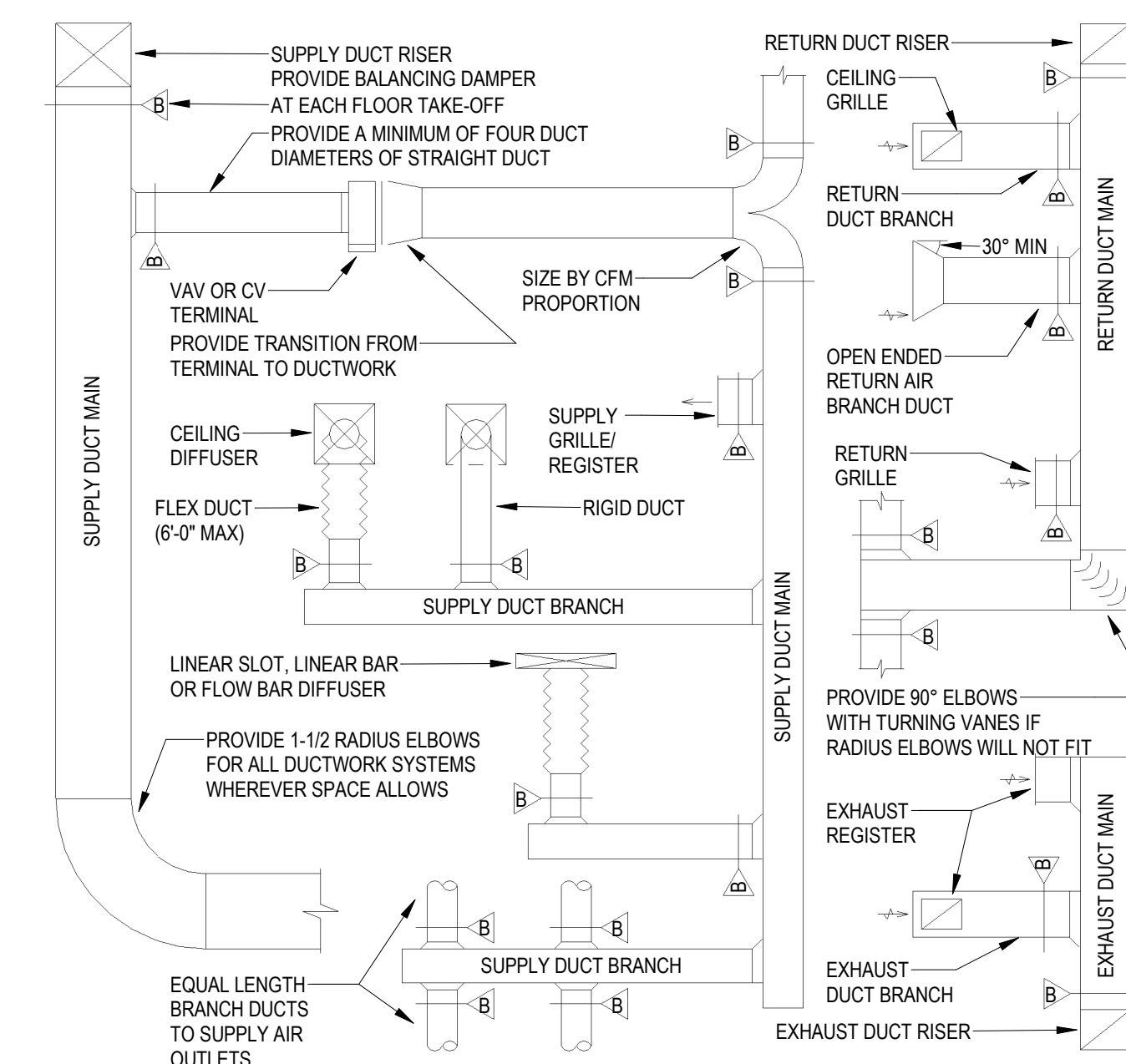


2 TYPICAL BRANCH TAKEOFF FITTING DETAIL
M200 NOT TO SCALE



3 DIFFUSER FLEXIBLE DUCT CONNECTION
M200 NOT TO SCALE

- NOTES:
- REFER TO HVAC FLOOR PLANS FOR DUCT SIZES
 - REFER TO SCHEDULES FOR GRILLES, REGISTERS, DIFFUSERS AND TERMINAL SIZES AND TYPES
 - PROVIDE A MANUAL TYPE BALANCING DAMPER FOR EACH SUPPLY OUTLET AND RETURN INLET
 - ALL DUCT RUNOUTS TO DIFFUSERS SHALL BE THE SAME SIZE AS DIFFUSER NECK SIZE, UNLESS OTHERWISE NOTED
 - FLEX DUCT WILL NOT BE ALLOWED ON RETURN OR EXHAUST DUCTWORK SYSTEMS
 - PROVIDE 12\"/>
 - INDIVIDUAL BRANCH BALANCING DAMPERS NOT REQUIRED FOR SUPPLY OR EXHAUST REGISTERS



4 DUCTWORK INSTALLATION DIAGRAM
M200 NOT TO SCALE



**OWL CREEK
VETERINARY HOSPITAL**
587 S. BIRDNECK RD.
VIRGINIA BEACH, VA

VETERINARY ARCHITECTURE
Unleashed
A Division of RLArchitecture, PLLC

**ROGER LAYMAN
ARCHITECT**

PO Box 161
Davidson, NC 28036

ph. 704.756.3540
RLArchitecture.com

**KAROS
PROJECT
GROUP, INC.**
120 SOMMERSVILLE PARK ROAD
RALEIGH, NC 27603
NC FIRM # C-3824



08/02/2022

DRAWING TITLE:
DUCTWORK DETAILS

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FOR CONSTRUCTION

REVISIONS		
NO.	DATE	DESCRIPTION

DATE: 08/02/2022
PROJECT #: 222357
SCALE: AS NOTED
DRAWN BY: KAROS PROJECT GROUP

M200