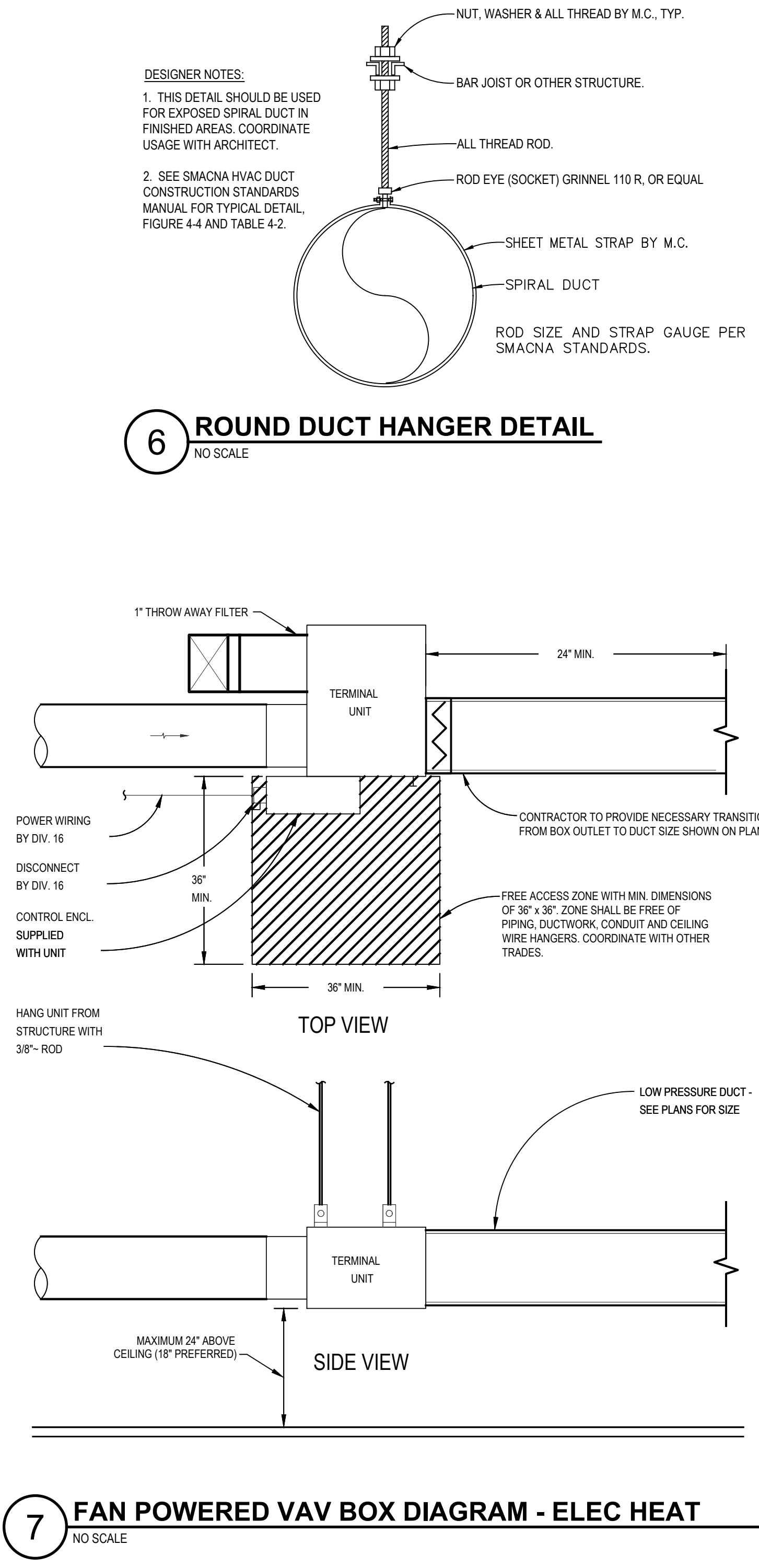


VENTILATION SCHEDULE (2021 IMC)																			
ZONE SERVED BY	ZONE IDENTIFICATION			VENTILATION RATE PROCEDURE - MULTI-ZONE RECIRCULATING SYSTEMS							DESIGN CASE			REMARKS					
	FLOOR PLAN ROOM NAME & NUMBER	OCCUPANCY CLASSIFICATION PER TABLE 403.3 - 2021 IMC	ZONE NET FLOOR AREA Az [SQ.FT.]	OUTDOOR AIRFLOW REQUIRED PER PERSON Rp (#1) [CFM / PERSON]	OUTDOOR AIRFLOW RATE REQ. PER UNIT AREA Ra (#1) [CFM / SQ.FT.]	ZONE OCCUPANT DENSITY (#2) [PEOPLE / 1000 SQ.FT.]	ZONE POPULATION Pz [PEOPLE]	BREATHING OUTDOOR AIR FLOW Vbz (#3) [CFM]	ZONE AIR DISTRIB. EFFECT. Ez (#4)	REQUIRED ZONE OUTDOOR AIR FLOW Voz (#5) [CFM]	SUPPLY RATE TO ZONE Vpz (#6) (MAX.) [CFM]	SUPPLY RATE TO ZONE Vpz (#7) (MIN.) [CFM]	PRIMARY OUTDOOR AIR FRACTION Zp (#8)						
(E) VAV 3-1	COMMON (300)	CORRIDORS	223	0	0.06	0	0	13	0.8	17	200	100	0.17						
(E) VAV 3-1	WAITING/RECEPTION (303/304)	RECEPTION AREAS	590	5	0.06	30	18	125	0.8	157	900	450	0.35						
(E) VAV 3-1	LAB (315)	SCIENCE LABORATORIES	105	10	0.18	25	3	49	0.8	61	375	188	0.33						
(E) VAV 3-1	IMAGING (306)	MEDICAL PROCEDURE ROOM	88	15	0	20	2	30	0.8	38	225	113	0.33						
(E) VAV 3-1	MECH (316)	STORAGE ROOMS	37	0	0.12	0	0	4	0.8	6	50	25	0.22						
(E) VAV 3-3	ADMIN (305)	OFFICE SPACES	56	5	0.06	5	1	8	0.8	10	75	38	0.28						
(E) VAV 3-3	TC1 (308)	MEDICAL PROCEDURE ROOM	235	15	0	20	4	60	0.8	75	450	225	0.33						
(E) VAV 3-3	TC2 (309)	MEDICAL PROCEDURE ROOM	241	15	0	20	5	75	0.8	94	550	275	0.34						
(E) VAV 3-3	STERILIZATION (313)	PHARMACY (PREP. AREA)	87	5	0.18	10	1	21	0.8	26	175	88	0.30						
(E) VAV 3-3	OP (312)	MEDICAL PROCEDURE ROOM	95	15	0	20	2	30	0.8	38	175	88	0.43						
(E) VAV 3-3	BRUSHING/PERCH (307/311)	PHARMACY (PREP. AREA)	181	5	0.18	10	2	43	0.8	53	325	163	0.33						
(E) VAV 3-4	CORRIDOR	CORRIDORS	384	0	0.06	0	0	23	0.8	29	175	88	0.33						
(E) VAV 3-4	OPEN BAY (310)	MEDICAL PROCEDURE ROOM	439	15	0	20	9	135	0.8	169	800	400	0.42						
(E) VAV 3-4	STORAGE (314)	STORAGE ROOMS	29	0	0.12	0	0	3	0.8	4	50	25	0.17						
(E) VAV 3-4	HALLWAY (318)	CORRIDORS	104	0	0.06	0	0	6	0.8	8	50	25	0.31						
(E) VAV 3-4	STAFF (319)	KITCHENS (COOKING)	242	7.5	0.12	20	5	67	0.8	83	400	200	0.42						
(E) VAV 3-4	STORAGE (320)	STORAGE ROOMS	56	0	0.12	0	0	7	0.8	8	50	25	0.34						
(E) VAV 3-4	OFFICE (321)	OFFICE SPACES	82	5	0.06	5	1	10	0.8	12	150	75	0.17						
(E) VAV 3-4	PRIVATE RR (322)	RESTROOMS	28	0	0	0	0	0	0.8	0	25	13	0.00						
(E) VAV 3-4	COMMON (323)	CORRIDORS	63	0	0.06	0	0	4	0.8	5	50	25	0.19						
(E) VAV 3-2	OUT OF SCOPE AREA	STORAGE ROOMS	1,421	0	0.12	0	0	171	1.8	95	1,750	875	0.11						
SYSTEM SUMMARY:				ΣPz =				53		ΣVpz =				7,000	3,500	---			
UNCORRECTED OUTDOOR AIR INTAKE Vou (#9) [CFM] =								884		Ps (#12) =				53		MAX. Zp =		0.43	
REQUIRED OUTDOOR AIR INTAKE Vot (#10) [CFM] =								1,225		D (#13) =				1.00		Ev (#11) =		0.72	
PROVIDED OUTDOOR AIR INTAKE FLOW [CFM] =								1,250											
TOTAL SUPPLY RATE ΣVpz (#6) [CFM] =								7,000											
SYSTEM OUTDOOR AIR PERCENTAGE =								17.9%											
IN COMPLIANCE WITH STANDARD? [Y/N] =								Y											
NOTES:																			
1. PRIMARY AIRFLOW SUPPLIED FROM THE AIR HANDLING UNIT.																			
2. PRIMARY AIRFLOW (VPZ) SUPPLIED TO THE ZONE FROM THE AIR HANDLING UNIT.																			
3. SYSTEM POPULATION: THE TOTAL NUMBER OF OCCUPANTS IN THE AREA SERVED BY THE SYSTEM.																			



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REVISIONS
| Date | Description

DATE: 18 Aug 2026
PROJECT NO: 26085
DRAWN BY: CM / JC
ISSUED FOR: Permit Set

MECHANICAL DETAILS & SCHEDULES
M 0.1