CABINET HEATER SCHEDULE

NO.	ROOM SERVED	WESBITT MODEL NUMBER	TYPE AND ARRANGEMENT	M.B.H.	FAN SPEED R.P.M.	WATER RATE G.P.M.	POWER CIRCUIT	C.F.M. STANDARD AIR	WALL RECESS DEPTH	SEE NOTE
1.	A-118	433	W-6	35.7	750	4.0	22-21	350	8 1/4"	1,2
2.	A-119	433	W-6	35.7	750	4.0	22-26	350	8 1/4"	1,2
3.	A-129	433	C-2	33.8	750	3.0	22-35	350	—	1,2
4.	A-130	433	W-6	35.7	750	4.0	22-35	350	8 1/4"	1,2
5.	A-131	432	C-2	28.2	750	3.0	22-35	410	—	1,2
6.	B-116	371	W-6	11.4	750	1.0	22-20	280	8 1/4"	1,2,3
7.	B-120	433	W-6	33.8	750	3.0	22-29	350	8 1/4"	1,2
8.	B-120	433	W-6	33.8	750	3.0	22-29	350	8 1/4"	1,2
9.	B-106	373	W-6	25.4	750	2.0	24-19	245	8 1/4"	1,2
10.	B-106	373	W-6	25.4	750	2.0	24-19	245	8 1/4"	1,2
11.	B-113	373	W-6	25.4	750	2.0	21-17	245	8 1/4"	1,2
12.	B-113	373	W-6	25.4	750	2.0	21-17	245	8 1/4"	1,2
13.	B-117	371	W-6	11.6	750	1.0	24-20	280	8 1/4"	1,2,3
14.	A-122	371	C-2	11.6	750	1.0	22-24	280	—	1,2
15.	B-101	433	W-6	35.7	750	4.0	22-30	350	8 1/4"	1,2

NOTES:

1. HEATING CAPACITES ARE BASED ON 70°F. ENTERING AIR, AND 210°F. ENTERING WATER @ LOW SPEED OPERATION. FINAL AIR TEMPERATURE SHALL BE 105° TO 140°F.
2. MOTORS SHALL BE MULTI-SPEED, 120 VOLT, 1 PHASE, 60 CYCLE.
3. PROVIDE 1" RIGID INSULATION BEHIND CABINET.

PLAN NOTES

1. 24"x12" RETURN AIR GRILLE & 24"x7" DUCT UP TO CEILING SPACE. SEE RETURN AIR DETAIL "A"
2. 24"x12" RETURN AIR GRILLE & 24"x7" DUCT UP TO CEILING SPACE. SEE RETURN AIR DETAIL "B"
3. 1 1/2" 120°H & CW FROM BELOW, 2" WASTE DOWN, 1 1/4" VENT UP.
4. 1 1/4" 120°H&CW FROM BELOW TO HOSE BIBBS AT +48" OPENING FOR HOSE BIBBS TO BE PROVIDED BY GENERAL CONTRACTOR.
5. ALL DISHWASHER DUCT WORK SHALL BE SEALED WATER TIGHT.
6. SEE SHEET M-28 FOR MIXING BOX SCHEDULE.
7. SEE SHEET M-28 FOR FAN ROOM LAYOUT.
8. PROVIDE INSULATE BACK FOR THERMOSTAT.
9. CHASE WALL WILL BE OMITTED ABOVE CEILING FOR RETURN AIR.
10. SEE SHEET M-2 FOR GENERAL MECHANICAL NOTES. SEE SPECIFICATIONS FOR STANDARD DETAILS.
11. 8" DUCT FROM SPRAY BOOTH, TERMINATE 2'-0" ABOVE FINISHED ROOF IN RAIN CAP. FLASH & COUNTER FLASH.

CONVECTOR SCHEDULE

NO	ROOM SERVED	MODINE MODEL NUMBER	DEPTH	LENGTH	HEIGHT	M.B.H.	WALL RECESS DEPTH	SEE NOTE
1.	A-108	IFRB	4"	20"	18"	1.6	4"	1,3
2.	A-126	IFRB	6"	40"	24"	7.1	6"	1,3
3.	A-133	IFRB	6"	38"	18"	2.4	4"	1,3
4.	A-134	IFRB	4"	20"	18"	1.6	4"	1,3
5.	A-137	IFRB	6"	44"	26"	8.5	7"	1,2
6.	A-138	IFRB	4"	20"	18"	1.6	4"	1,3
7.	A-139	IFRB	4"	20"	18"	1.6	4"	1,3
8.	A-140	IFRB	4"	20"	18"	1.6	4"	1,3
9.	A-127	IFRB	6"	40"	24"	7.1	4"	1,3
10	B-103	IFRB	4"	40"	20"	4.2	4"	1,3
11	B-104	IFRB	4"	40"	20"	4.2	4"	1,3
12	B-110	IFRB	4"	40"	20"	4.2	4"	1,3
13	B-111	IFRB	4"	40"	20"	4.2	4"	1,3
14	B-122	IFRB	4"	32"	20"	3.2	4"	1,3
15	B-128	IFRB	4"	20"	18"	1.6	4"	1,3
16	B-130	IFRB	4"	28"	20"	2.8	4"	1,3
17	B-131	IFRB	4"	28"	20"	2.8	4"	1,3

NOTES:

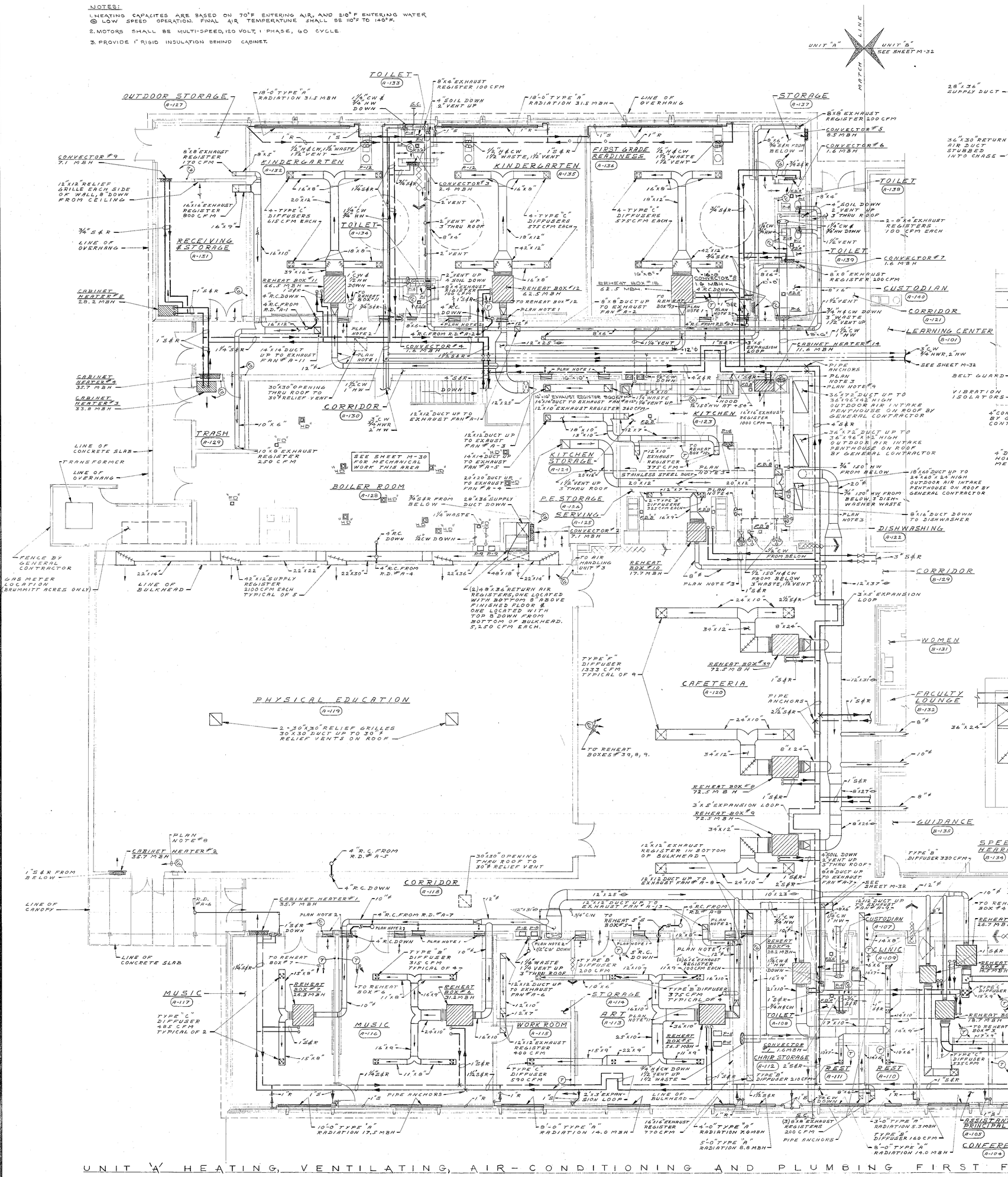
1. HEATING CAPACITES ARE BASED ON 20°F WATER TEMPERTURE DROP, 70°F ENTERING AIR & 210°F ENTERING WATER TEMPERATURE.
2. PROVIDE 1" RIGID INSULATION BEHIND CABINET.
3. PROVIDE ACCESSIBLE HOSE BIBB IN CABINET FOR SYSTEM DRAIN.

DIFFUSER SCHEDULE

TYPE	TITUS MODEL NUMBER	NECK SIZE	PATTERN	DAMPER SIZE	SEE NOTE
A	TMDC-A-53	6"x6"	4 WAY	6"x6"	1,2
B	TMDC-A-53	9"x9"	4 WAY	9"x9"	1,2
C	TMDE-A-53	12"x12"	4 WAY	12"x12"	1,2
D	TMDC-A-53	15"x15"	4 WAY	15"x15"	1,2
E	TMDC-A-53	18"x18"	4 WAY	18"x18"	1,2
F	TMDC-A-53	21"x21"	4 WAY	21"x21"	1,2

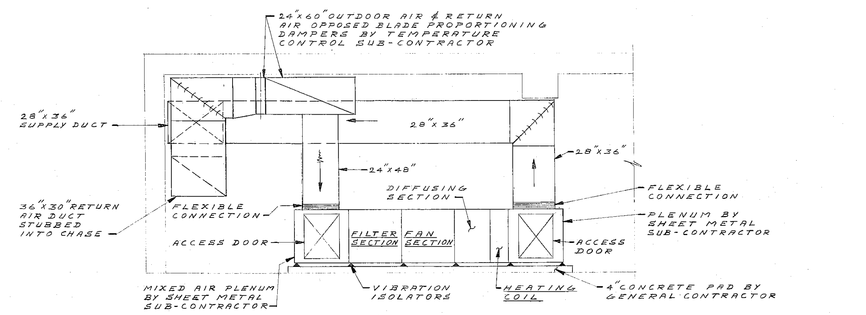
NOTES:

1. THE DIFFUSER SHALL HAVE A DROP TYPE FRAME.
2. THE DIFFUSER SHALL BE OF FULLY ADJUSTABLE TYPE.

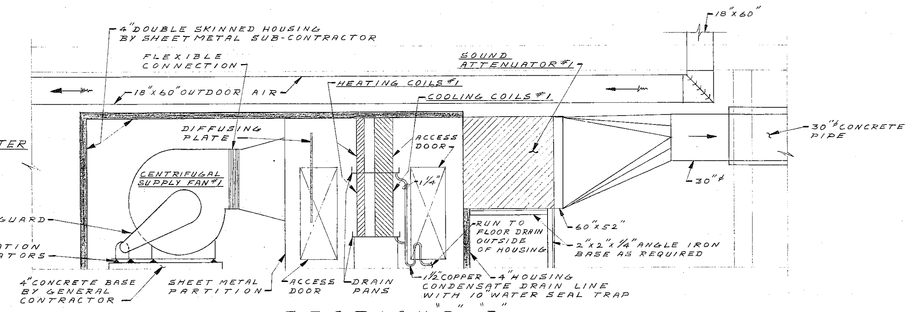


UNIT "A" HEATING, VENTILATING, AIR-CONDITIONING AND PLUMBING FIRST FLOOR PLAN

SCALE 1/8"=1'-0"



SECTION A-A
NO SCALE



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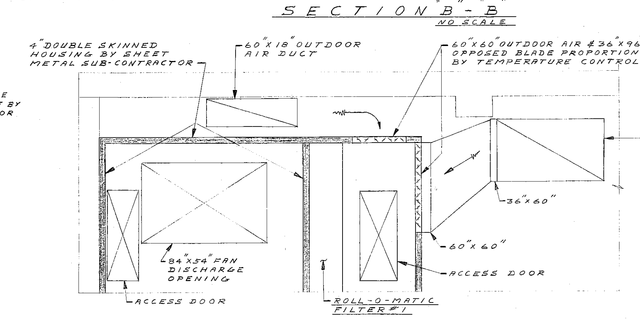

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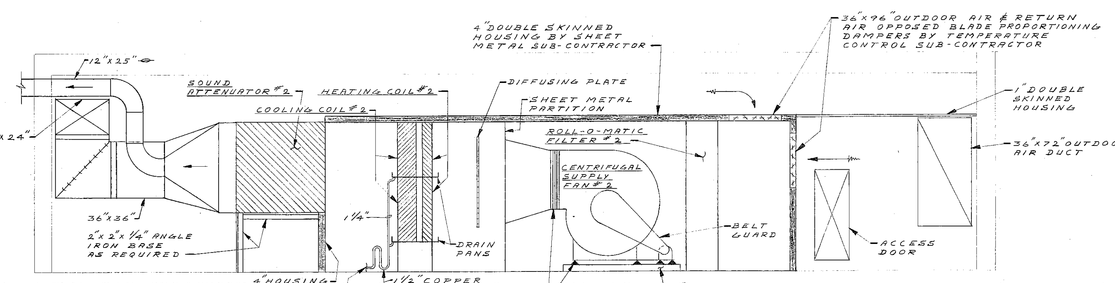

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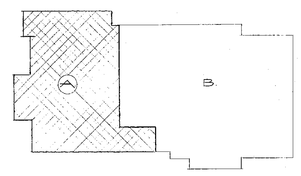

KEY PLAN

BRUMMITT ACRES ELEMENTARY SCHOOL

LIBERTY ELEMENTARY SCHOOL

EVERETT I. BROWN COMPANY -- ARCHITECTS & ENGINEERS

5500 BRADBURY AVENUE —— PARK FLETCHER

INDIANAPOLIS INDIANA

SHEET M-29 OF 33

LIBERTY AND BRUMMITT ACRES ELEMENTARY SCHOOLS

JOB NUMBER 169 7/69.