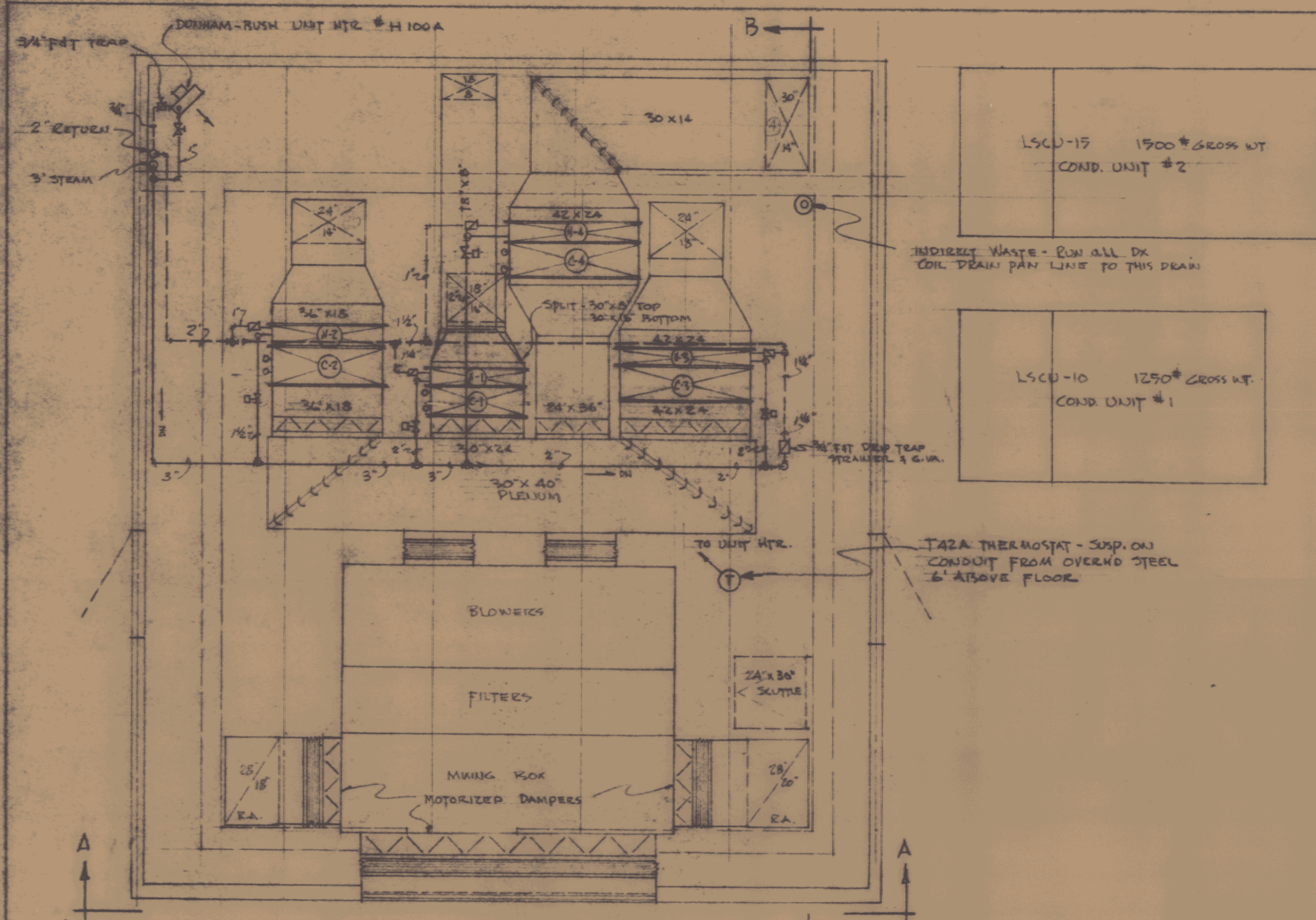
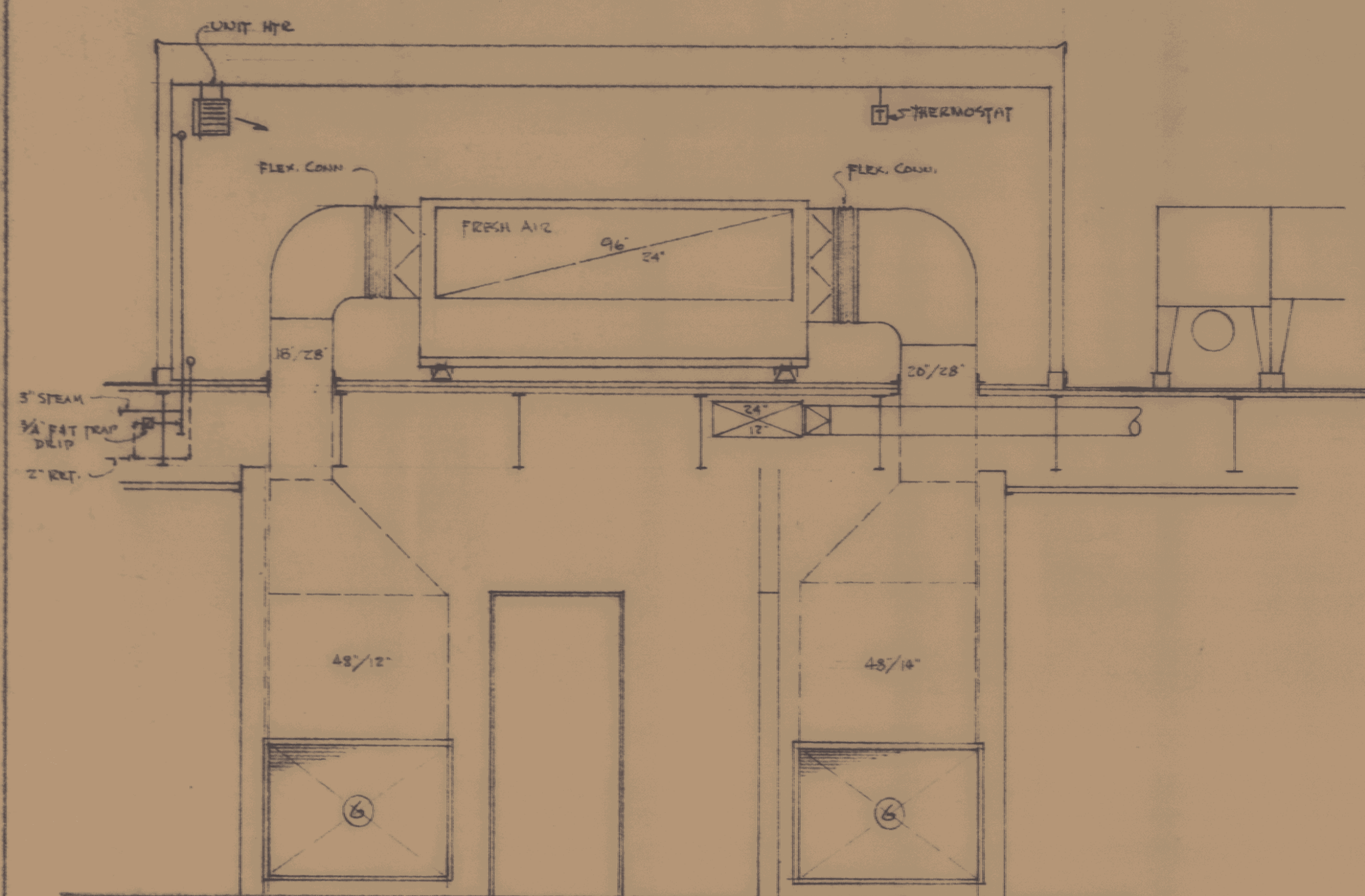
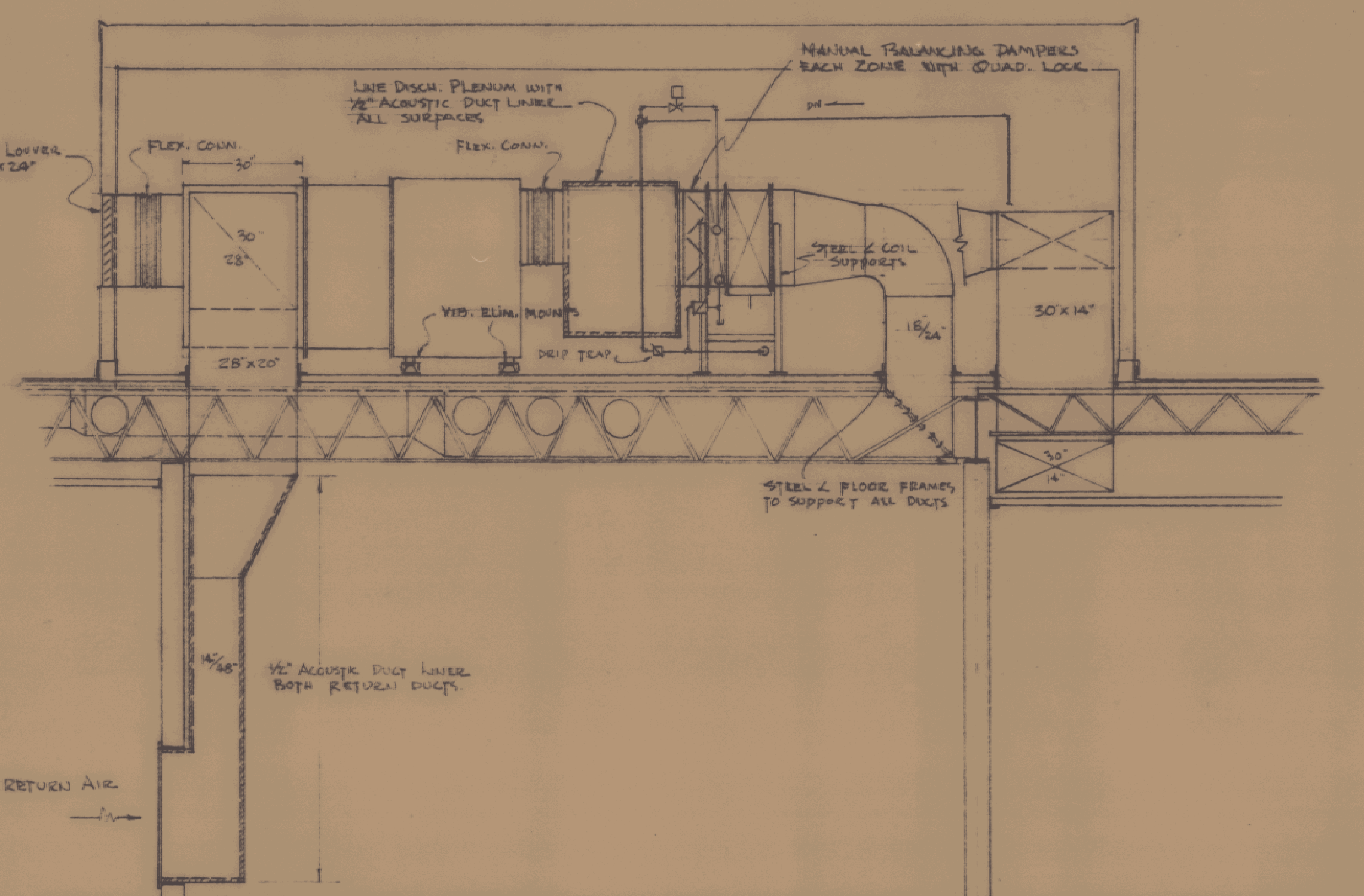




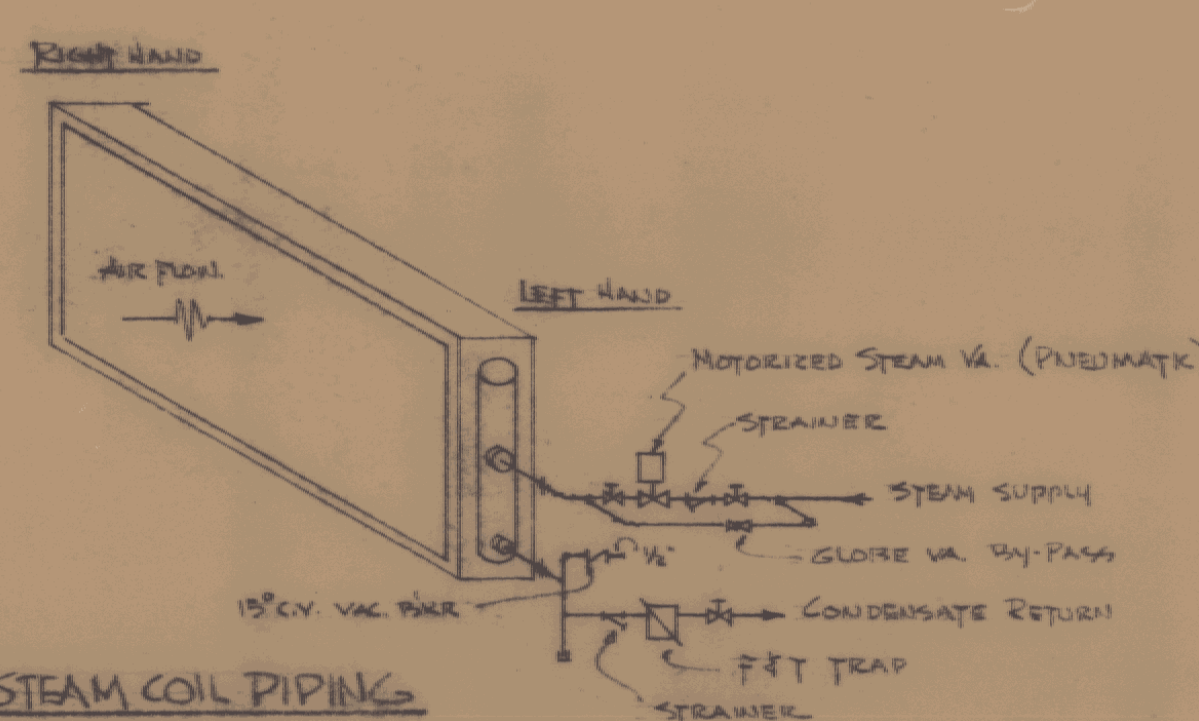
PENTHOUSE - PLAN VIEW
SCALE: 3/8" = 1'-0"



SECTION AA
SCALE: 3/8" = 1'-0"

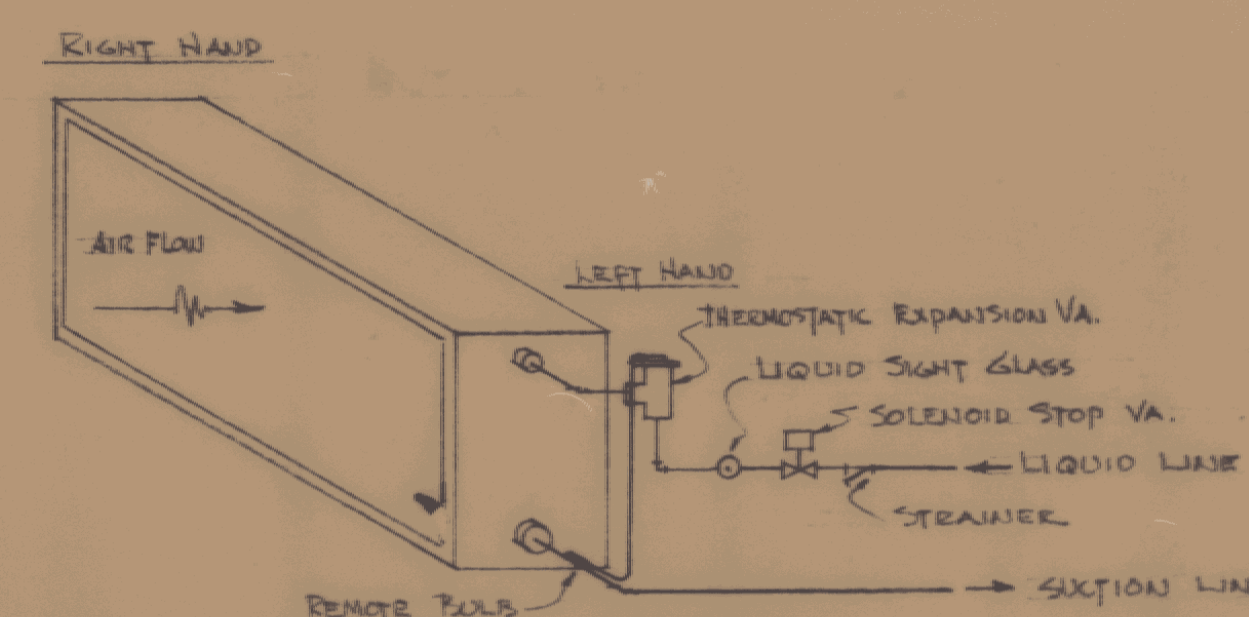


SECTION BB
SCALE: 3/8" = 1'-0"



TYPICAL STEAM COIL PIPING

COIL	ZONE	MAKE	TYPE	SIZE	ROWS	FIN/VOL	CFM	#/SEC	SE VA	FIT TRAP	COMM.
H-1	1	DUNHAM-BUSH	NH	30" X 24"	1	8	2454	105	1"	1 1/4"	R.H.
H-2	2	"	"	34" X 18"	1	6	2000	56	3/4"	1"	R.H.
H-3	3	"	"	42" X 24"	1	8	3982	136	1 1/4"	1 1/4"	L.H.
H-4	4	"	"	42" X 24"	1	6	3205	88	1"	1"	R.H.
H-5	Fog RM	"	"	12" X 6"	2		225	31	3/4"	1/2"	R.H.



TYPICAL DX COIL PIPING

COIL	ZONE	MAKE	TYPE	SIZE	ROWS	CFM	TONS	COND. UNIT	CONN.	LIQ.	SUCT.	REFRIG.
C-1	1	DUNHAM-BUSH	DX	30" X 24"	6	2454	4.7	1	R.H.	1/2"	1 1/4"	F-23
C-2	2	"	"	34" X 18"	8	2000	4.7	1	R.H.	1/2"	1 1/4"	"
C-3	3	"	"	42" X 24"	6	3982	6.65	2	L.H.	3/8"	1 1/4"	"
C-4	4	"	"	42" X 24"	6	3205	6.4	2	R.H.	3/8"	1 1/4"	"
C-5	Fog RM	"	"	15" X 11"	17" DP	225	1.0	3	R.H.	3/8"	5/8"	F-12
C-6	MOT RM	"	"	15" X 7"	17" DP	100	.5	4	L.H.	3/8"	1/2"	F-12

REGISTER, GRILLE, DIFFUSER & LOUVER SCHEDULE

NO.	TYPE	MAKE	MODEL	SIZE	CFM	WGT	DAMPER	REMARKS
A	DIFFUSER	AGITAIR	RCTC-42	9" X 12" NECK	500	CRILING	FULL-FLD	12" X 24" FIT T SYSTEM
B	"	"	RC-42	9" X 12" NECK	582	"	"	12" X 24" FLANGE - CENTER IN TILE
C	"	"	RCTC-32	6" X 10" NECK	340	"	"	12" X 24" FIT T SYSTEM
D	"	"	RCTC-42	9" X 12" NECK	428	"	"	12" X 24" " " "
E	"	"	RCTC-42	9" X 12" NECK	430	"	"	12" X 24" " " "
F	"	"	RCTC-32	6" X 10" NECK	335	"	"	12" X 24" " " "
G	GRILLE	TUTTLE BAILEY	T-70 DB	48" X 48"	45	NOTES	ACROSS BASE	"
H	DIFFUSER	AGITAIR	RCTC-42	9" X 12" NECK	382	CRILING	FULL-FLD	12" X 24" FIT T SYSTEM
J	"	"	RCTC-70	9" X 12" NECK	EXHAUST	"	NOISE	24" X 24" " " "
K	LOUVER	AFRCO	F-9A PLANK	14" X 24"	F.A.T.	WALL	NOISE	INSTALLED BY GEN. CONTRACTOR
L	DIFFUSER	AGITAIR	RC-42	9" X 12" NECK	700	CRILING	FULL-FLD	12" X 24" FLANGE - CENTER IN TILE
M	"	"	RCTC-42	9" X 12" NECK	110	"	"	12" X 24" FIT T SYSTEM
N	REGISTER	TUTTLE BAILEY	T-90B	12" X 8" (B)	145	T-18 FLOOR	VOL. KEY	10" X 6" DUCT IN WALL TO FAN COILS IN TWO ROOMS WITH AIR FLOW REGS.
P	LOUVER	AFRCO	F-9-A CANNON	14" X 12"	F.A.T.	WALL	NOISE	INSTALLED BY GEN. CONTRACTOR
Q	DIFFUSER	AGITAIR	OR	10" X 6" NECK	225	CRILING	OR - VOLUME	2" BLOCKING AT CEILING BY H.C.
R	"	"	"	8" X 5 1/2"	100	"	"	"

FAN SCHEDULE

NO.	TYPE	MAKE	MODEL	SIZE	CFM	SP	RPM	HP	VOLTS	CO. I.D.	WGT	DAMP.	REMARKS
A	ROOF FAN	DOMEX	X-82	28" X 28"	287	1/2"	1050	1/2	110	19"	11"	12"	2 SPEED - MAIN SWITCH
B	"	DYNAL	LC-19	475	1/2"	860	1/2	110	19"	11"	12"	"	AUTO-TEMP CONTROL
C	"	"	LC-16	700	1/2"	745	1/2	110	20"	13"	12"	"	"
D	"	DOMEX	XV-82	145	1/2"	1550	1/2	110	19"	11"	12"	"	LIGHT SWITCH CONTROL
E	PAWNER	TRANE	6-EY	6" X 6" W.	225	3/8"	1725	1/8	110	"	"	"	FOG ROOM SUPPLY
F	"	"	4-EY	4" X 6" W.	100	1/2"	1725	1/8	110	"	"	"	MOT. ROOM SUPPLY
G	ROOF FAN	DYNAL	LC-15	475	1/2"	860	1/2	110	19"	11"	12"	"	IMPELLER - CHEM FUM. RESIST.
H	WALL	"	DOMEX	WXR-65	180	1/2"	1550	1/2	110	"	"	"	DIRECT DRIVE
J	ROOF FAN	DOMEX	XQ-60	170	1/2"	1725	1/2	120	19"	11"	12"	"	"

JENNISON ENGINEERING INC.
95 COLLEGE ST. BURLINGTON, VT.

ADDITION TO VERMONT
STATE HIGHWAY LABORATORY
MONTPELIER, VERMONT

GORDON G. WOODS
ARCHITECTS & ENGINEERS
ST. JOHNSBURY, VERMONT

DESIGNED BY
G.W.

CHECKED BY
G.W.

DATE
MAR. 61

SCALE
H-2