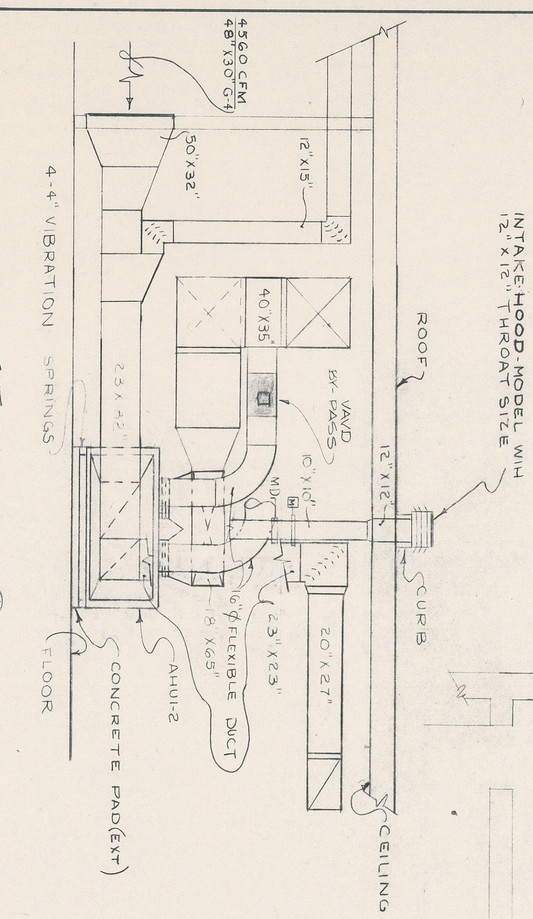
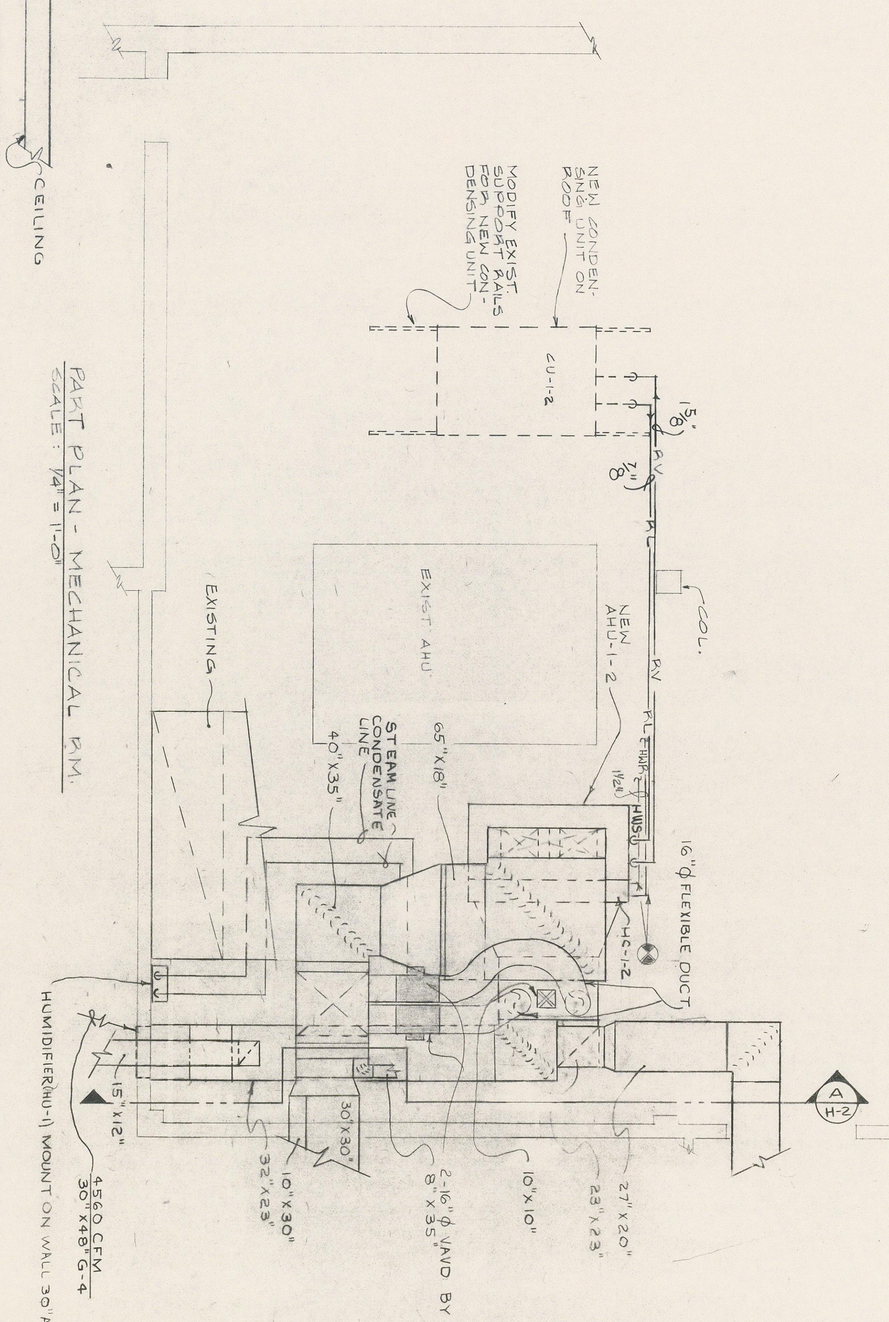
SOUTHERN PHOTO - GREENSBORO N46623



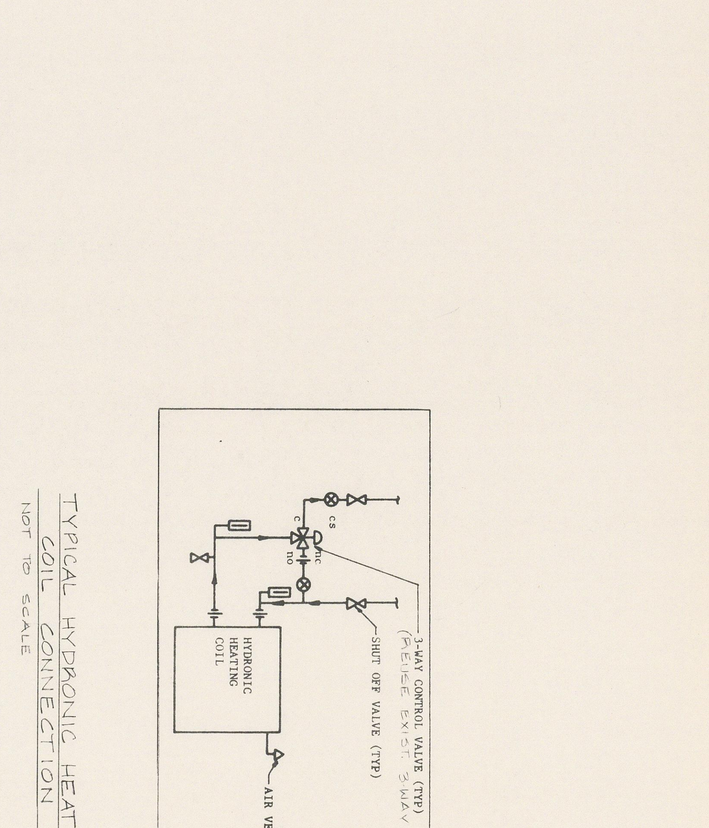
SECTION
SCALE: 1/4" = 1'-0"
A H-2



PART PLAN - MECHANICAL R.M.
SCALE: 1/4" = 1'-0"

TYPICAL HYDRONIC HEATING COIL CONNECTION
NOT TO SCALE

TYPICAL DUCT CONNECTIONS DETAIL
NOT TO SCALE



AIR CONDITIONING UNIT SCHEDULE

		AHU-1-2
BASED ON TRANE	INDOOR UNIT MARK	2SW3/100
	INDOOR UNIT ELEC. CHAR.	60-60-250
	OUTDOOR CONDENSING UNIT MARK	CU-1-2
	OUTDOOR CONDENSING UNIT ELEC. CHAR.	20H3/60
	OUTDOOR CONDENSING UNIT MODEL	RAUB-C20
TOTAL AIR (CFM)/FRESH AIR (CFM)		10000/500
TOTAL STATIC PRESS. (IN. W.G.)		1-1/4
FAN MOTOR HP		5
SENSIBLE LOAD TONS/MBH		17.3/207.6
TOTAL COOLING LOAD TONS/MBH		20.04/240.5
ENTERING CONDITIONS °F D.B./°F W.B.		76/63.6
LEAVING CONDITIONS °F D.B./°F W.B.		———
COOLING COIL SIZE		
COOLING COIL TYPE		
REFRIGERANT TEMPERATURE		
TOTAL HEATING LOAD		
HEATING COIL SIZE		SEE HC SCHEDULE
HEATING COIL TYPE		
HEATING COIL FT. DROP / GPM		
HEATING COIL CIRCUITS/PASSES		
FILTERS THROW-AWAY		9-16" x 20" x 2"
REMARKS		
AREA SERVED		2ND. FL.

SCHEDULE OF HEATING COILS BASED ON 200 °F. EWT.

MARK	CFM	EAT	LAT	HEATING CAPACITY	GPM	WATER PRESSURE DROP	MAX FACE VELOCITY	AIR PRESSURE DROP	COIL TYPE	ROWS	FINS/FT	COIL SIZE	AREA SERVED
		°F	°F	MBH		FT. WG.	FT/MIN.	IN. W.G.			IN.		
HC-1	1000	64	83	180	18	3.0	850	.17	PERIMETER FLOW	1	80	11x24	2ND. FL.

FAN SCHEDULE*

NO.	CFM	S.P.	T.S.	FAN RPM	MOTOR HP	MOTOR V	MOTOR PH	MANUFACTURER	MODEL NO.	AREA SERVED	REMARKS
F-1	195	.125	—	1305	1/4	120	1	GREENHECK	SB 7-4	TOILETS	
F-2	80	—	—	1050	1/20	120	1	"	4-60 E	JAN'S CLOSET (EXH.)	
F-3	80	—	—	1/30	120	1	NUTONE		BB 32	ELEV. MACH. RM.	

* TO HAVE BACKDRAFT DAMPER

NO.	BTU/HR	ELECTRIC HEATER SCHEDULE WATTS	VOLTS	PH	MODEL	MANUFACTURER	REMARKS
CUH-1	5100	1500	120	1	CWH-151	CHROMALOX	ENT. LOBBY
CUH-2	5100	1500	120	1	CWH-151	"	STAIR 2
CUH-3	2500	*750	120	1	*CWH-151	"	MECH.
CUH-4	2500	*750	120	1	*CWH-151	"	JAN.
CUH-5	11	*150	120	1	CWH-151	"	ELEV. MACH. RM

* MODIFIED IN FIELD

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HVAC - SCHEDULES & DETAILS

revision
design by RTB
drawn by TCD/RTB
checked EAS
date 9/86
comm 2671
scale AS NOTED
drawing **H-2**

RELOCATION OF THE
JONES MEMORIAL LIBRARY
MEMORIAL AVE. & LAKESIDE DR.
LYNCHBURG, VIRGINIA

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