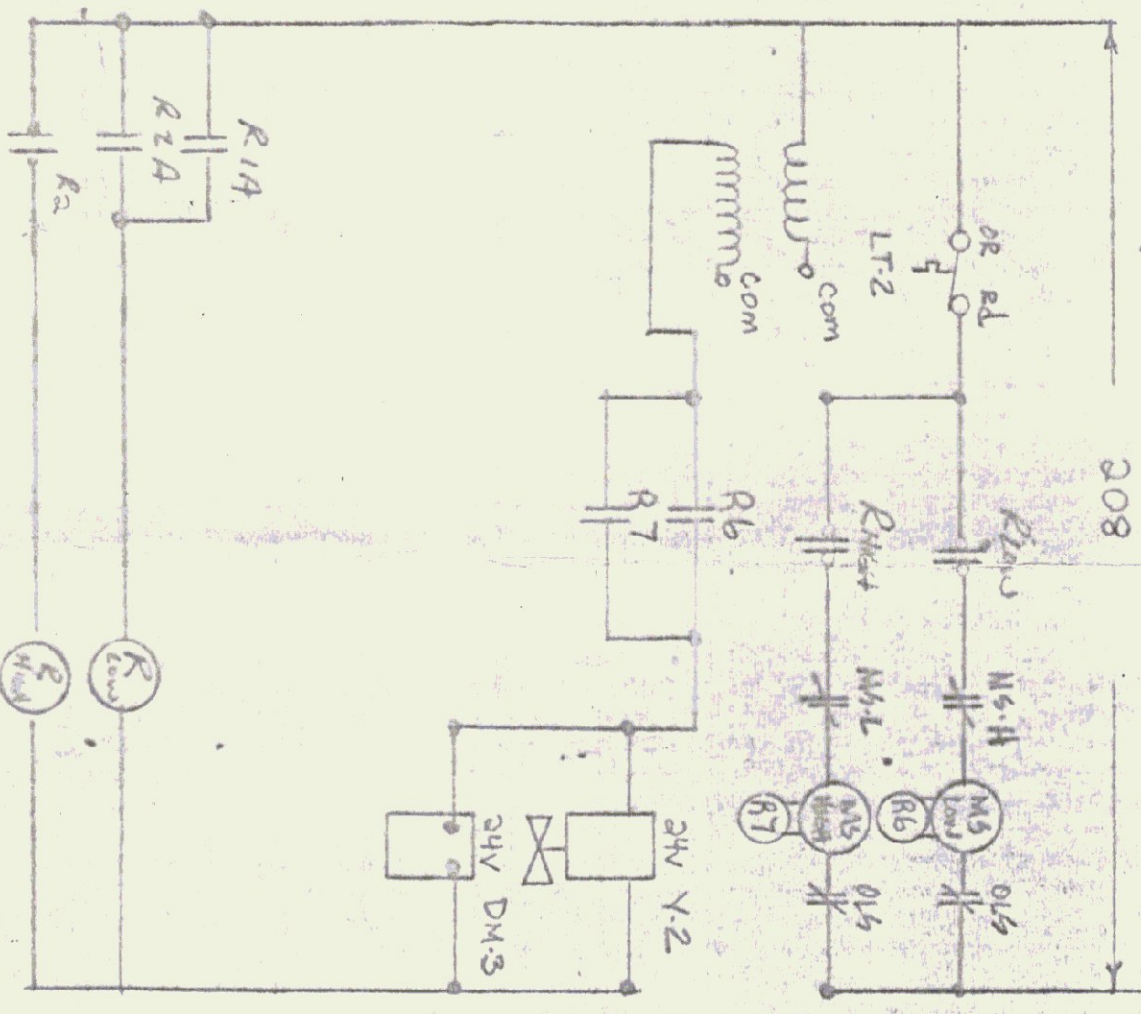
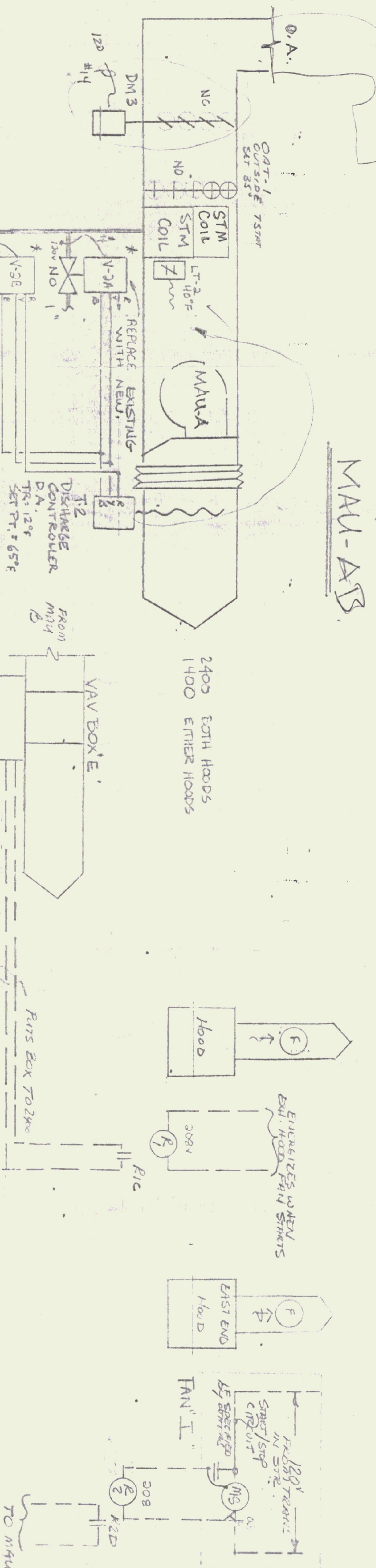




NEW MAKE UP AIR UNIT "B"1
THE UNIT SERVES FIVE HOODS IN THE SOLTS LAB, ASPHALT LAB EAST END, HOT
MIX LAB, AND CHEN LAB.
THE UNIT FAN WILL START WHEN THE EITHER EAST END HOOD IN THE ASPHALT LAB IS
ON, WHEN THE SOLTS LAB OR HOT MIX LAB ARE ON, THE FAN WILL NOT START IF
ONLY THE CHEN HOOD FAN IS ON.
THE OUTSIDE AIR INTRUDE DAMPER IN THE UNIT WILL OPEN WHEN THE UNIT IS ON
AND CLOSE IF THE UNIT SHUTS OFF. THE UNIT DISCHARGE TEMPERATURE
CONTROLLER WILL MODULATE THE UNITS FAN AND BYPASS DAMPER AND STEAM
VALVE TO MAINTAIN THE DESIRED TEMPERATURE DURING THE HEATING SEASON.
THE DIVISOR AIR TEMPERATURE FALLS BELOW 35 DEGREES THE STEAM VALVE WILL GO
FULLY OPEN, DURING THE SUMMER THE DAMPERS WILL BE IN FULL BYPASS.
A LOW TEMPERATURE TSTAT WILL SHUT THE UNIT OFF IF THE DISCHARGE TEMP FALLS
BELOW 30 DEGREES.
A STATIC PRESSURE CONTROLLER WILL MODULATE THE UNITS DISCHARGE DAMPER TO
MAINTAIN THE DOWNSTREAM STATIC PRESSURE AT $\pm 1/2"$.

	
a stock company Field Office	
— REVISIONS —	
DATE	CHANGES
7/27/68 AS-BUILT	
	
STATE OF VERMONT MATERIAL & RESEARCH LAB PH. 111	
208	BEELIN, VERMONT
LOCATION	JANSEN DESIGN, INC.
ARCHITECT	ENGINEER
CONTRACTORS	AROLD EDWARDS CORP.
DESIGNED BY	ALAN PATTERSON
CHECKED BY	
DATE	2/28/79
DRAWING NO.	
1062 90145	