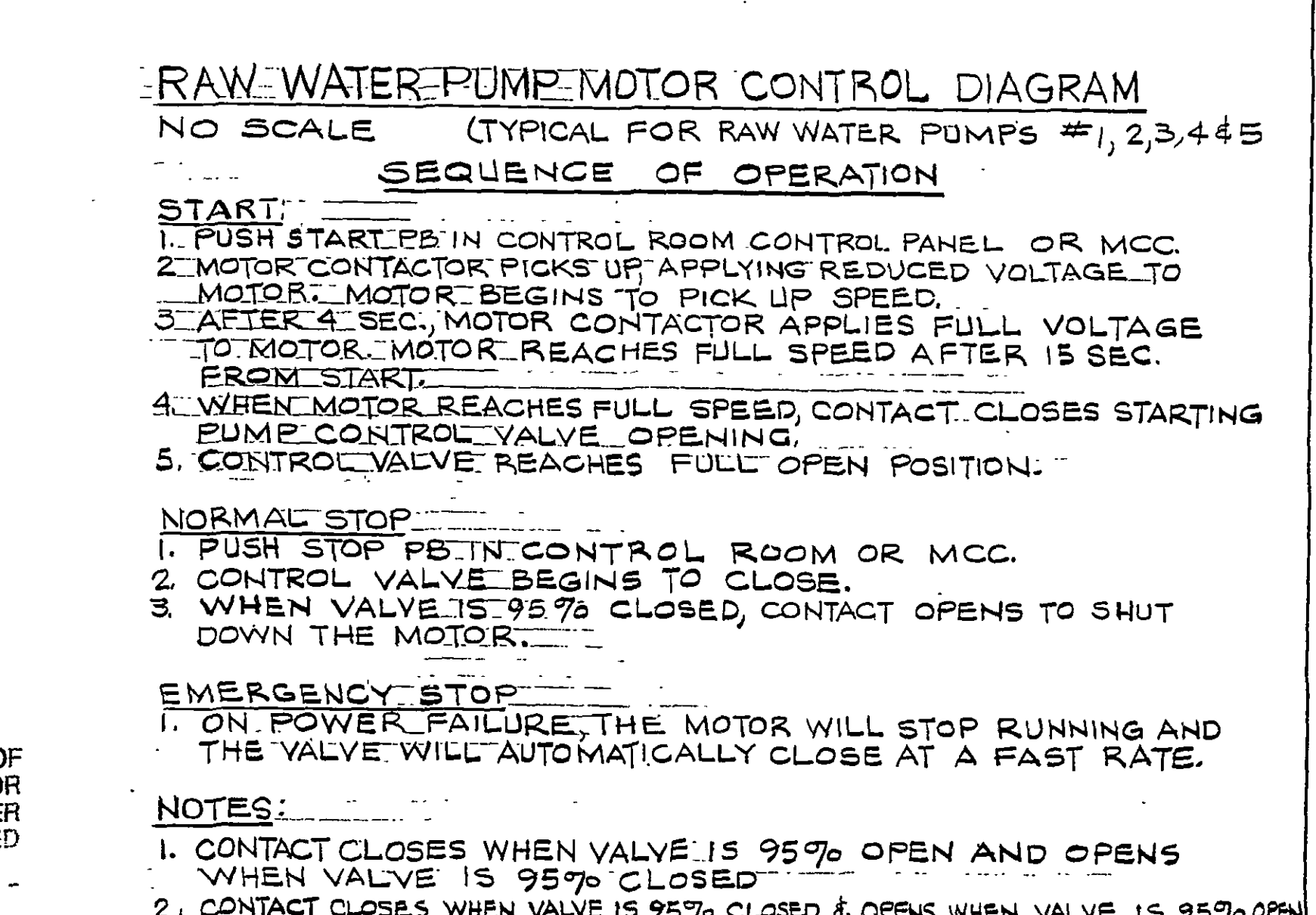
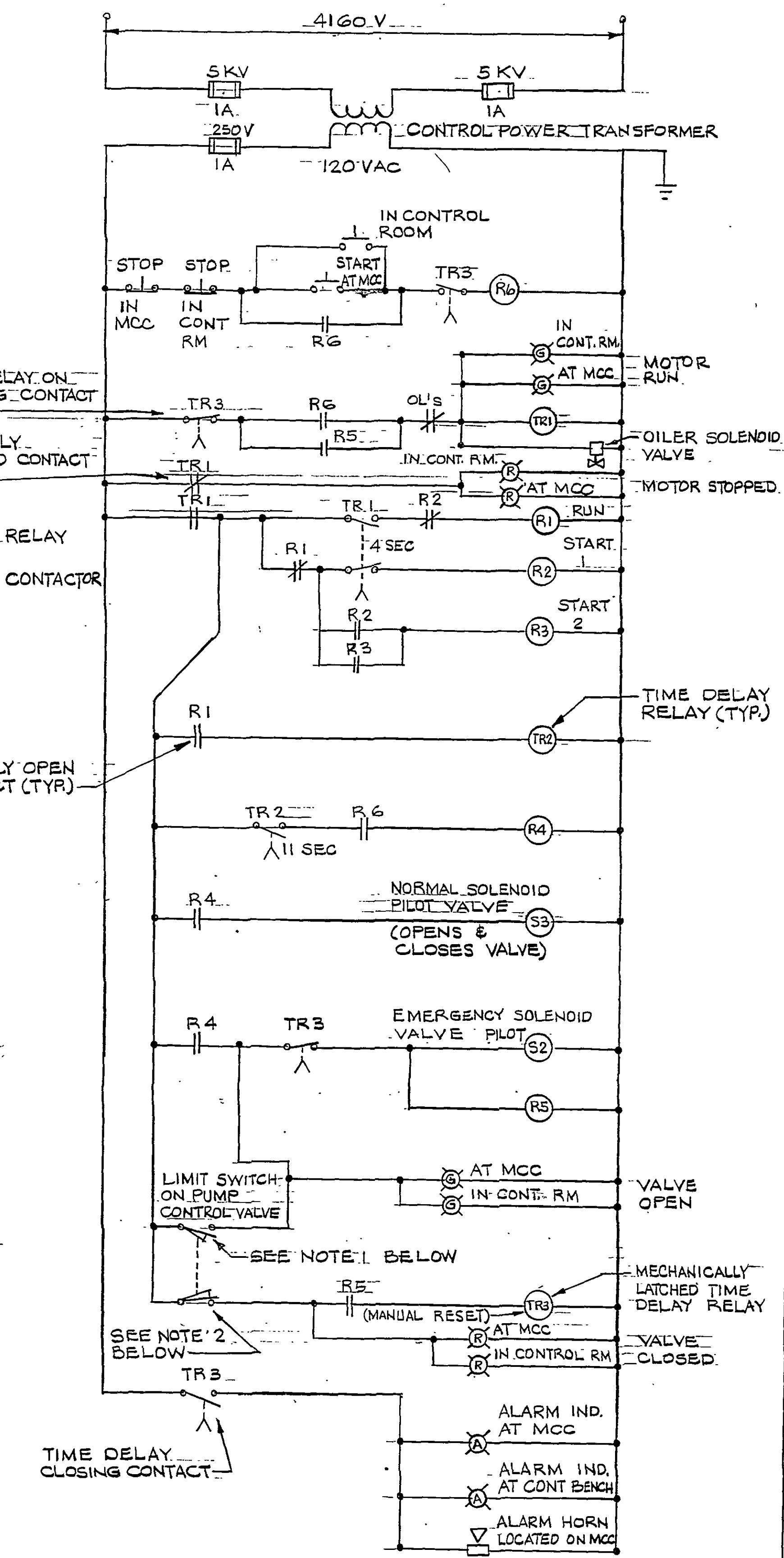
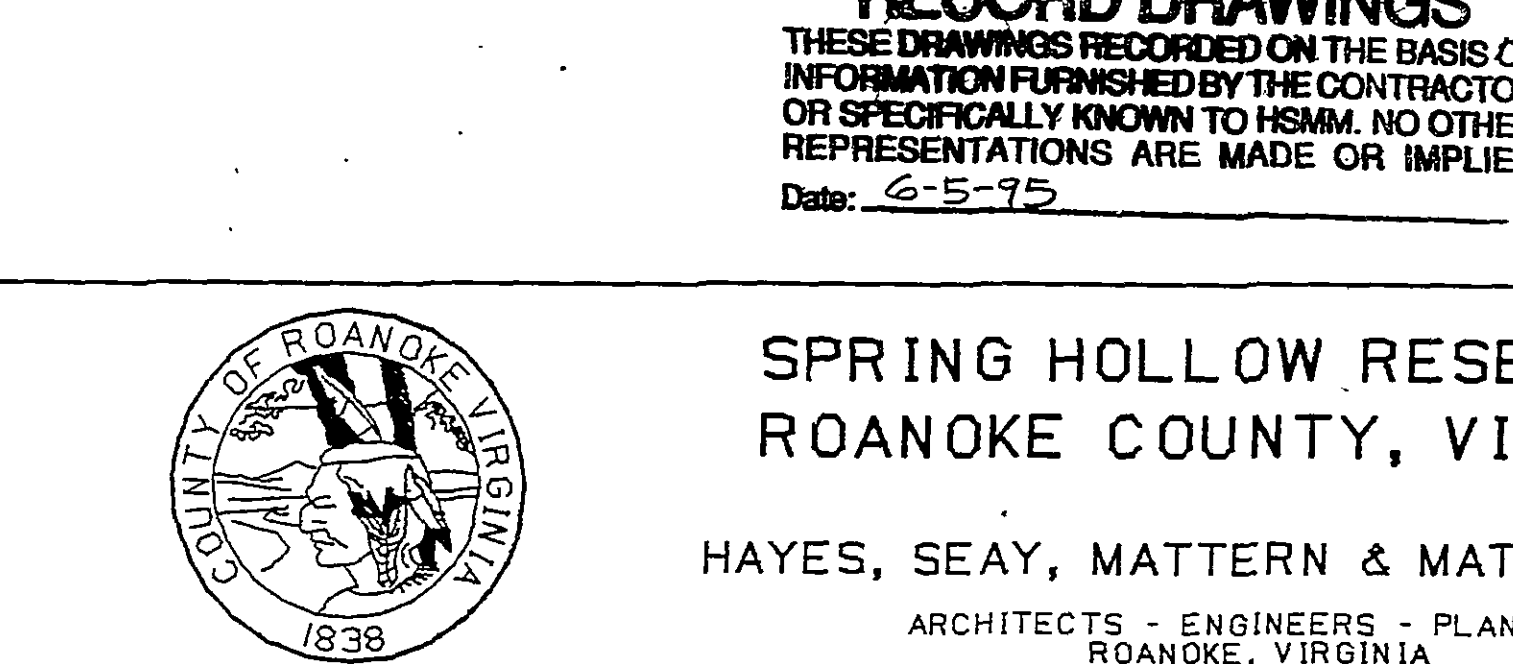
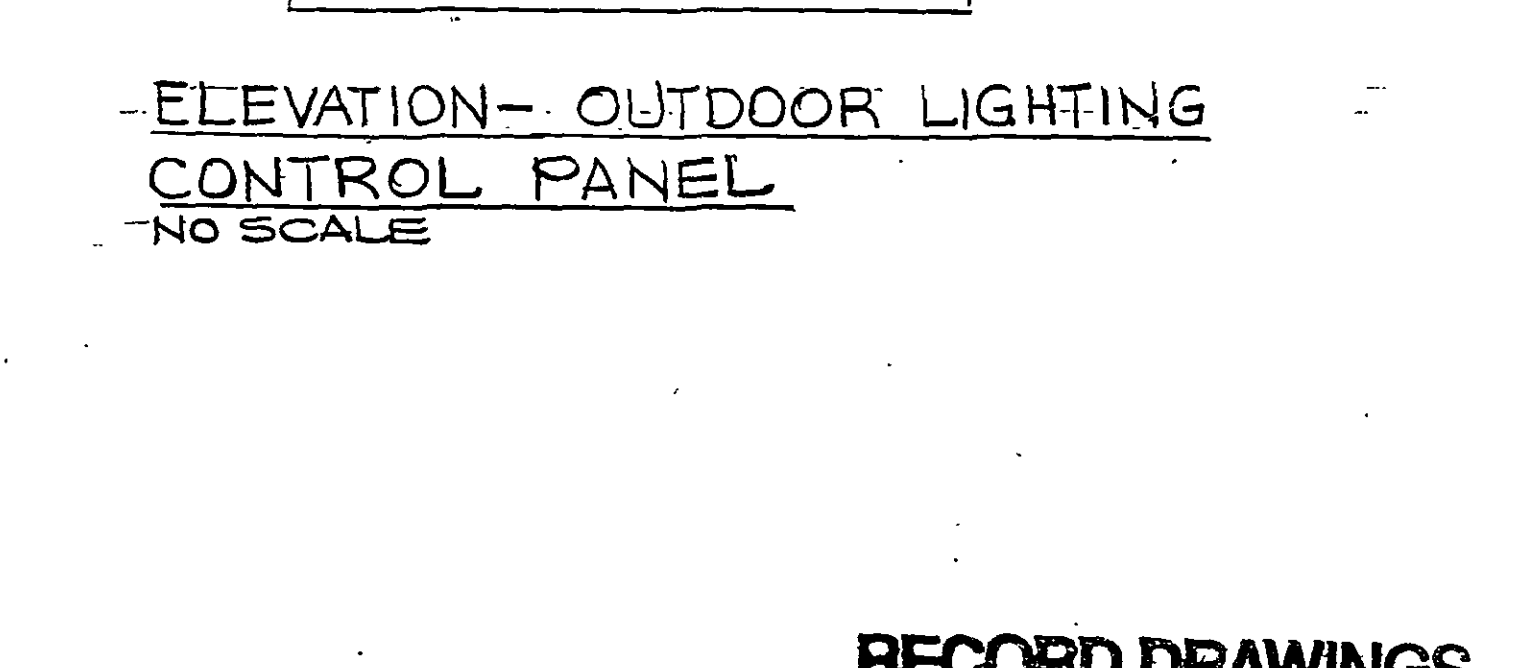
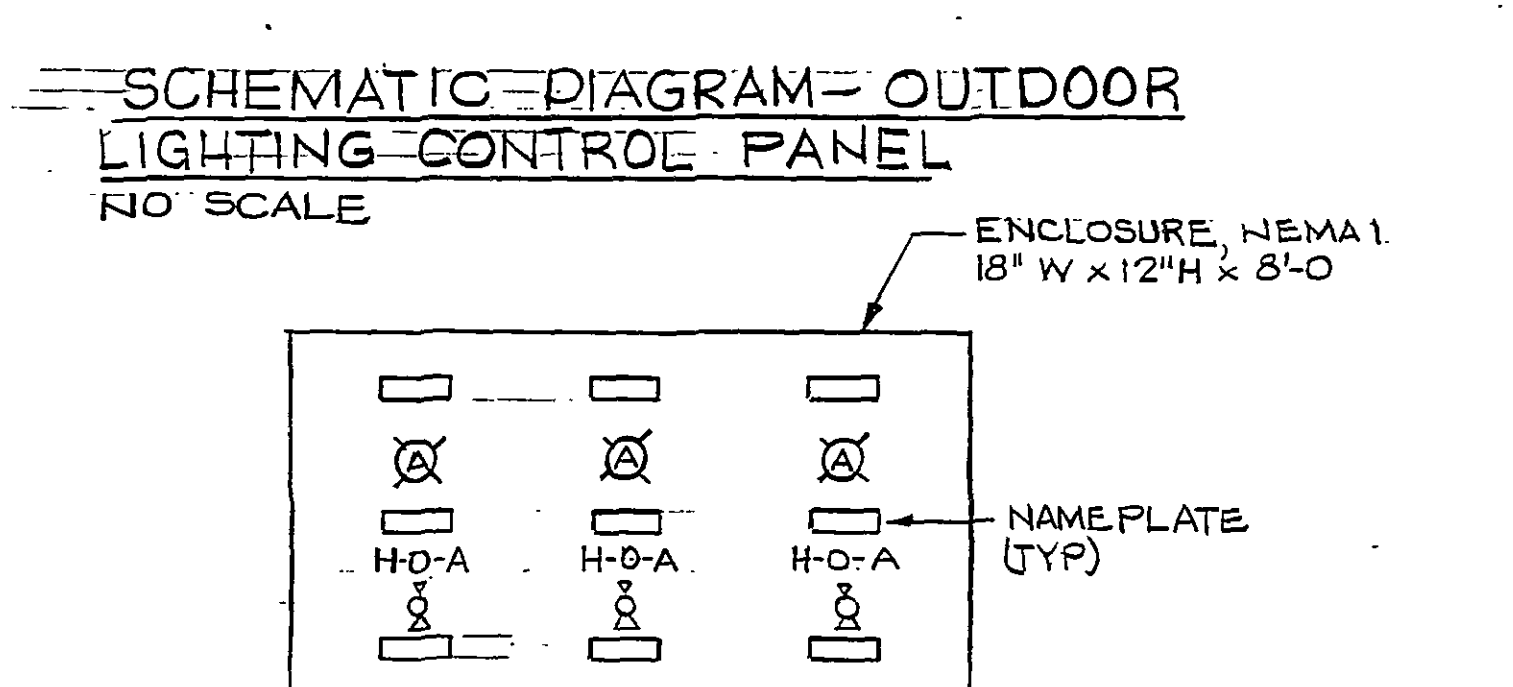
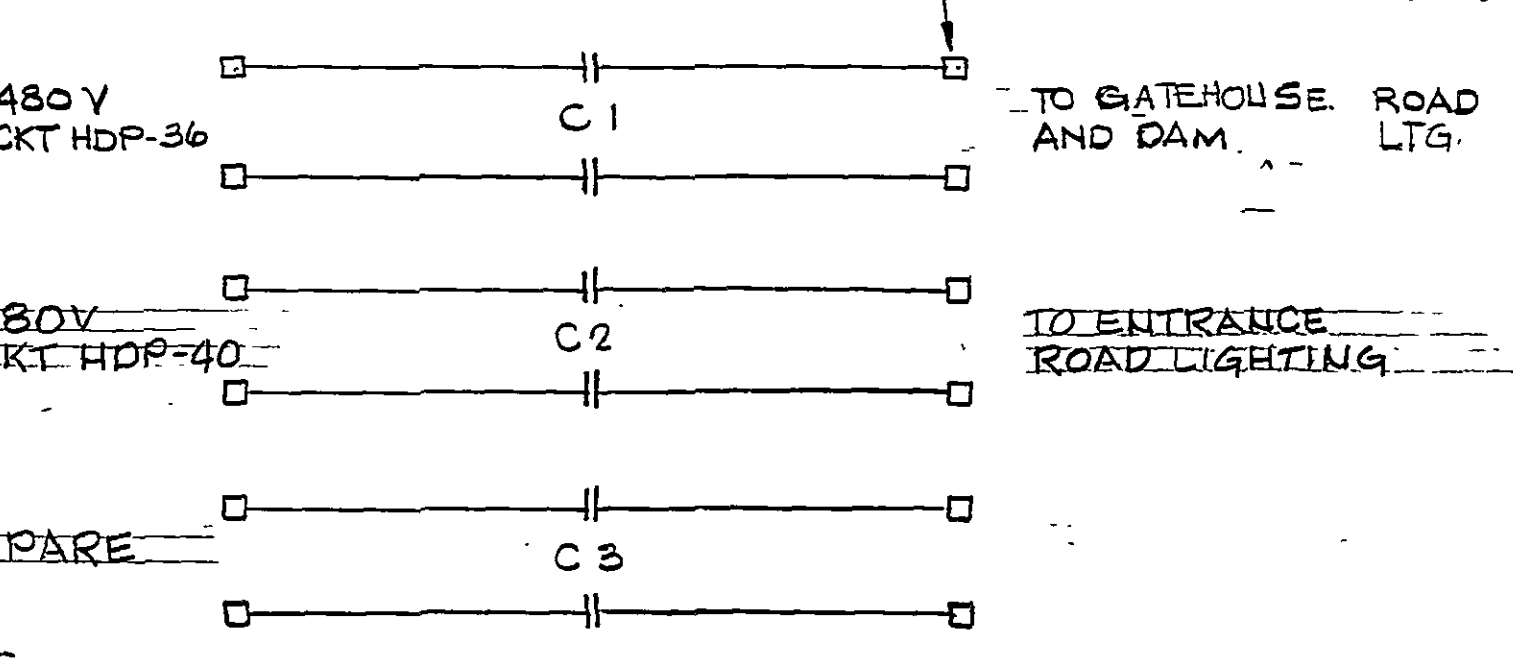
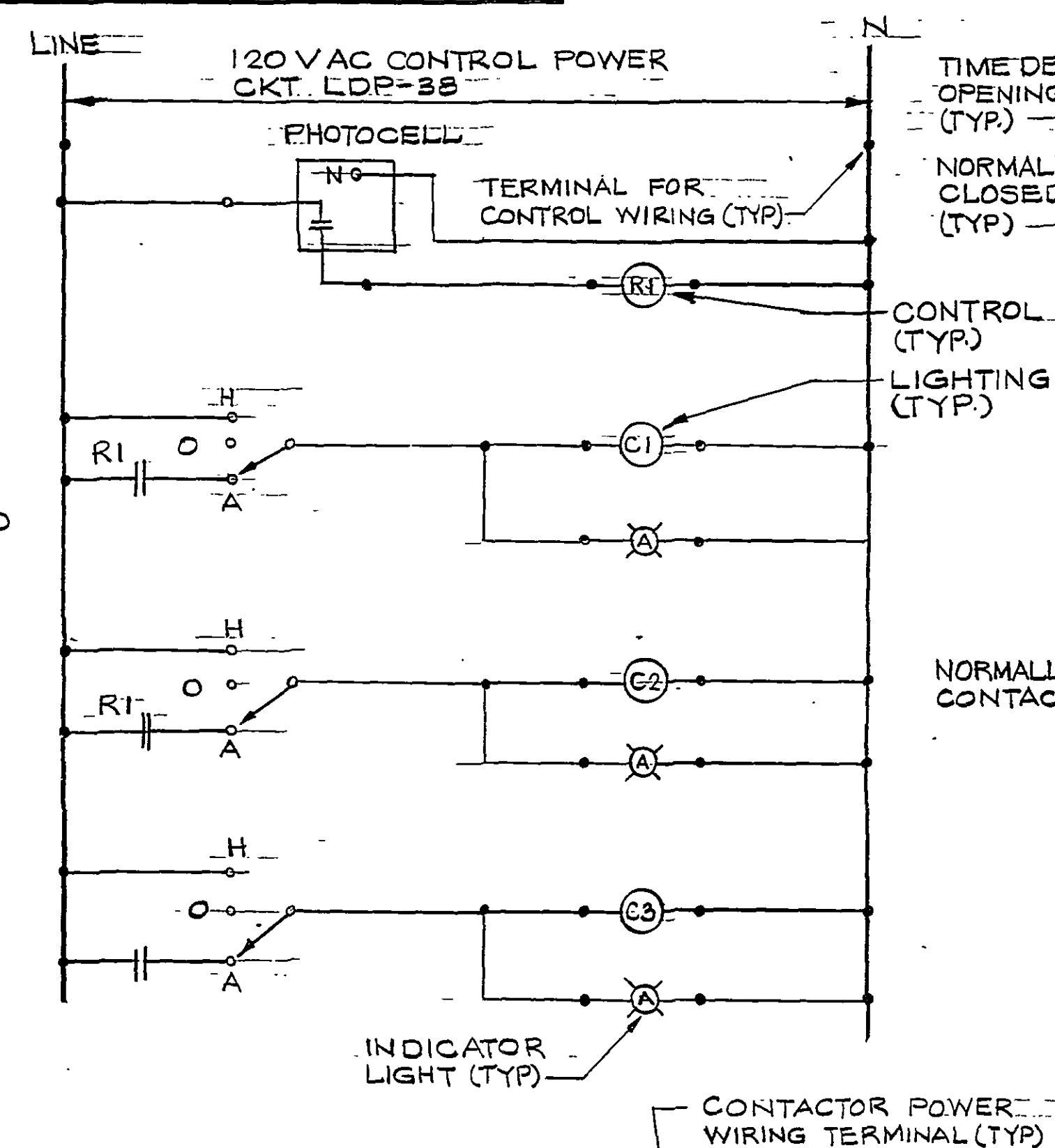
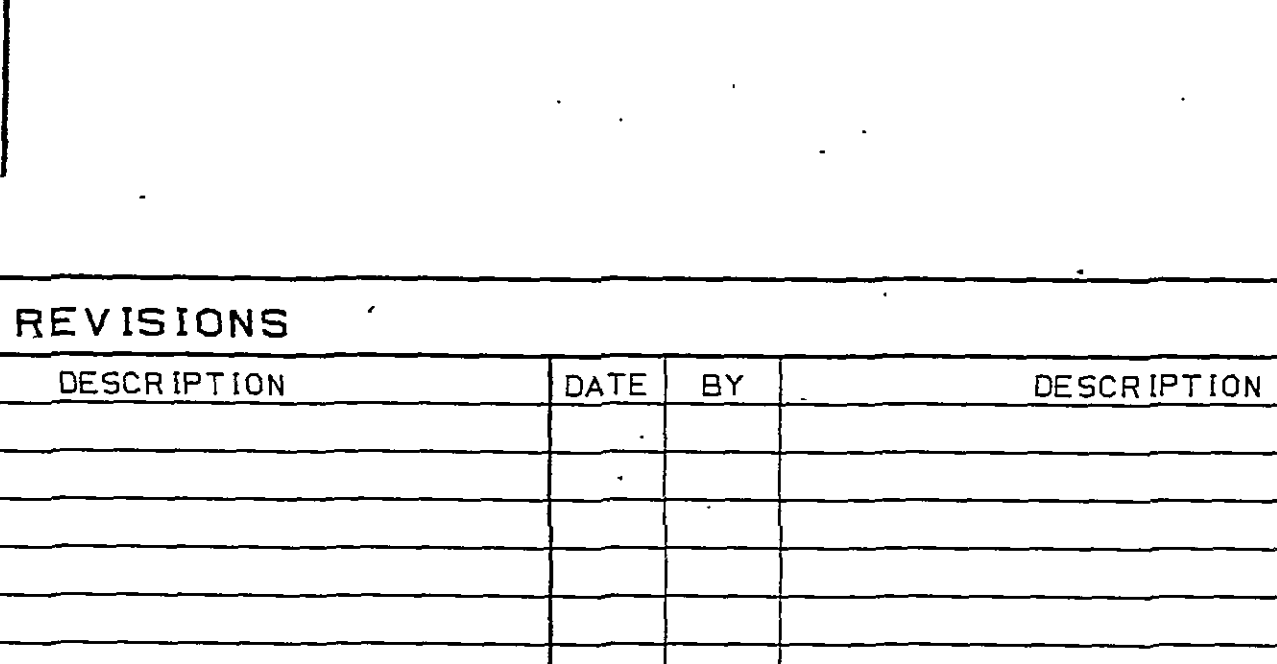
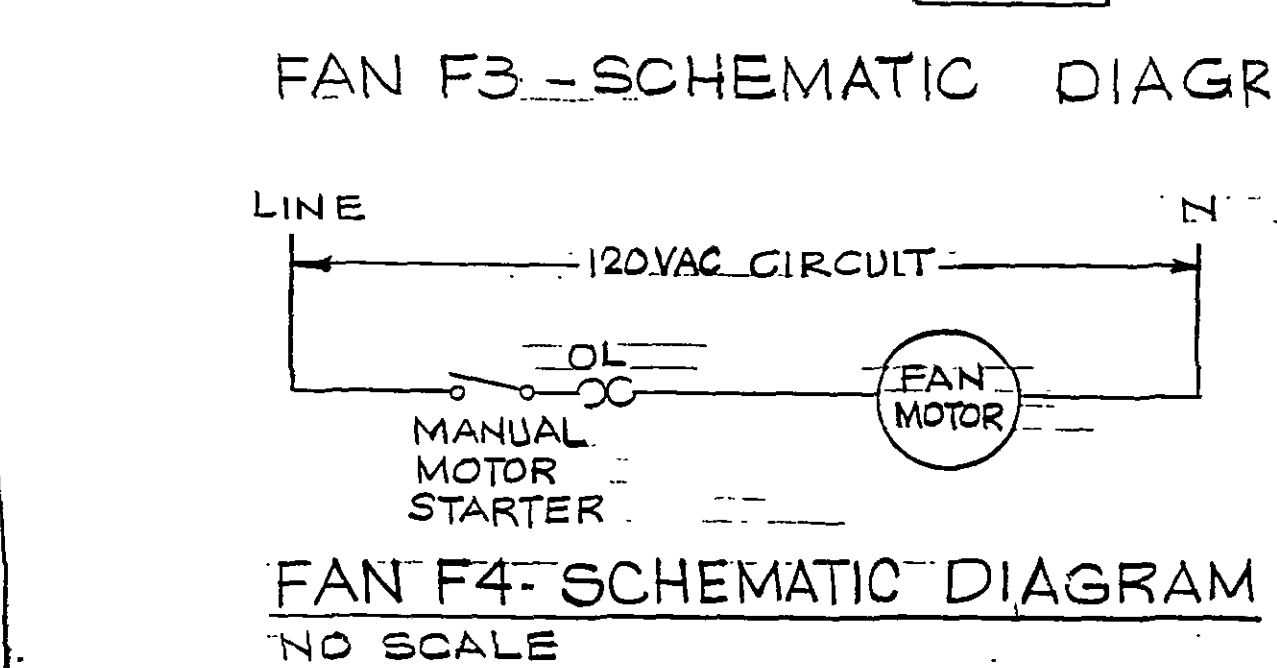
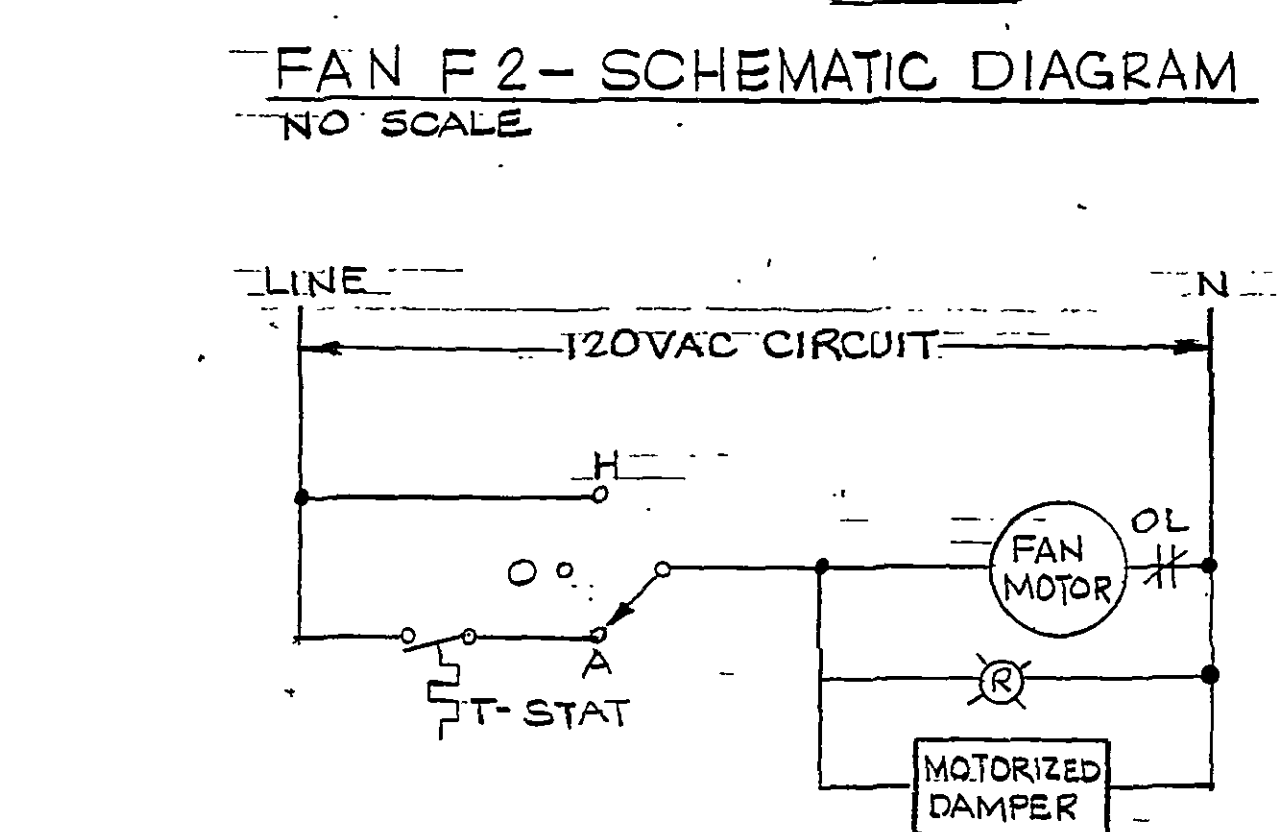
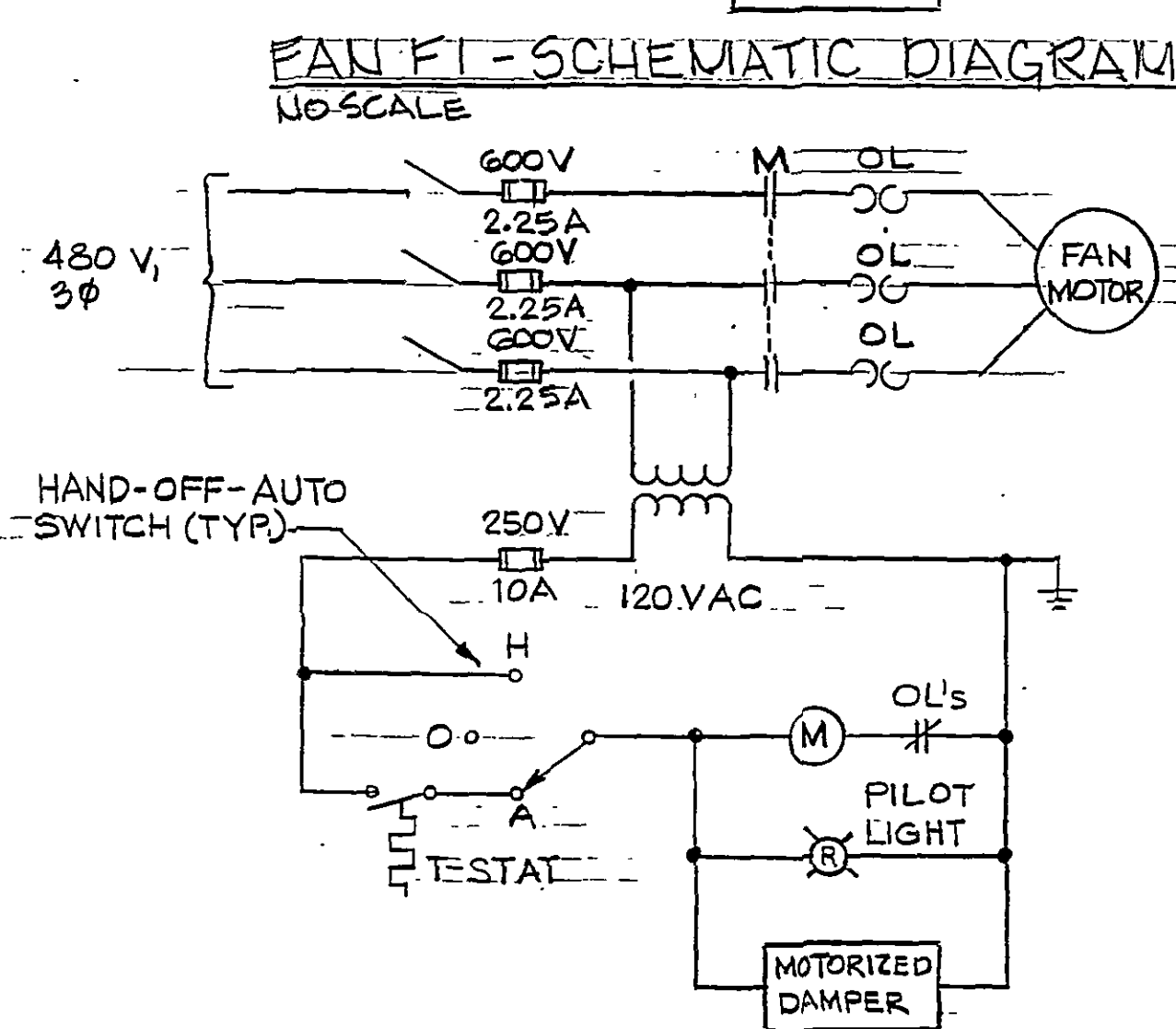
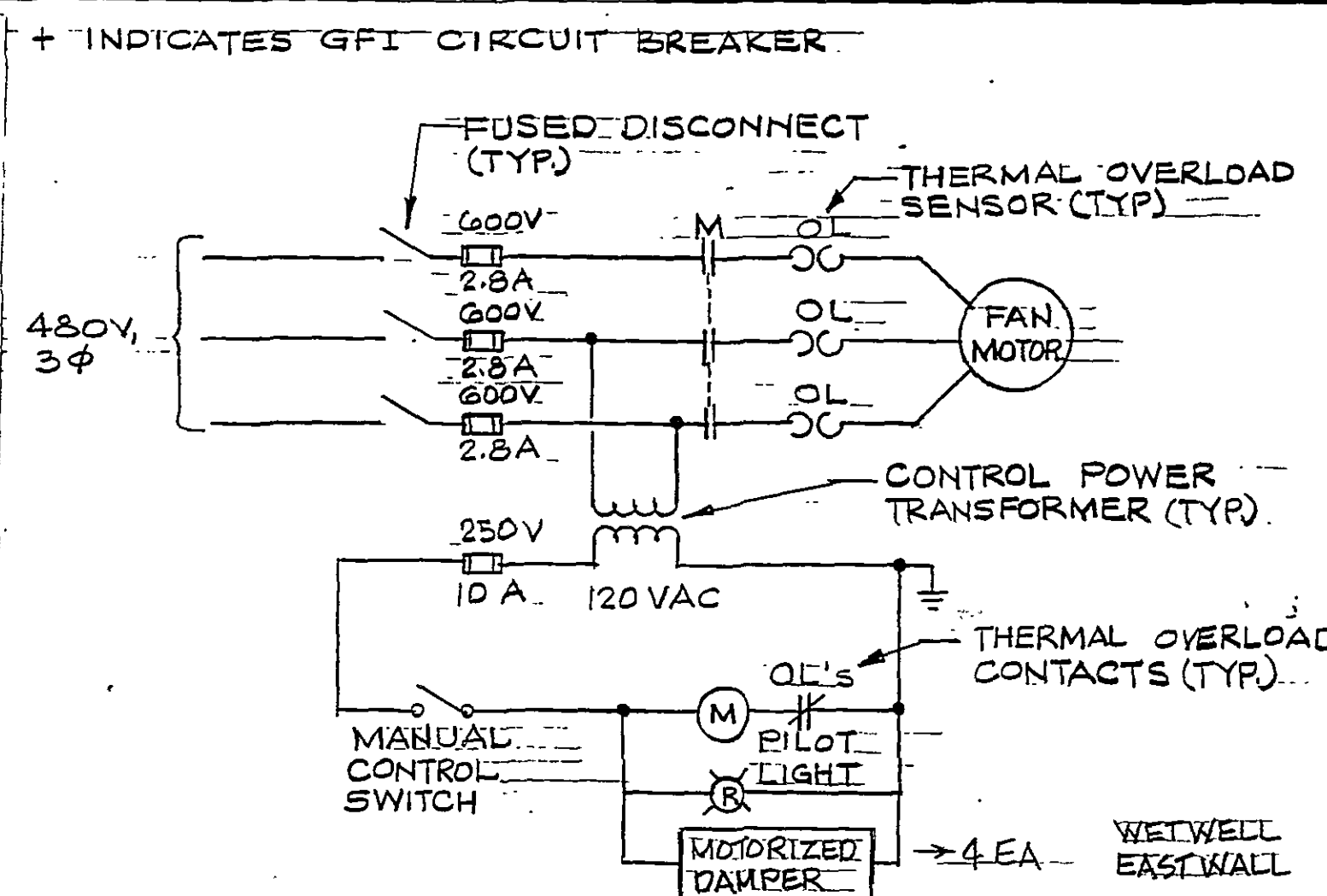


PANELBOARD HDP SCHEDULE																			
225 A, MCB, 480Y/277 V, 3 PHASE, 4 WIRE, SURFACE MOUNT																			
LOAD SERVED	A	B	C	KAIC	TRIP	SIZE	NO.	PHASE	A	B	C	KAIC	TRIP	SIZE	NO.	PHASE	A	B	C
ENTRANCE RD. LGTS							3								4				
GATEHOUSE RD DAM LGTS	2.2			2.2	20	2#6	5								6				
F-2	0.4			0.4	22	2#12	13								14				
UH-5	3.7			3.7	20	2#10	21								22				
UH-4	3.8			3.8	22	2#10	23								24				
SPARE							25								26				
SPARE							27								28				
XFMR	16.5			16.5	20	2#10	29								30				
TOTAL	26.6	26.0	20.9																
TOTAL CONNECTED KVA										136.6									

PANELBOARD LDP SCHEDULE																			
225 A, MCB, 208Y/120 V, 3 PHASE, 4 WIRE, SURFACE MOUNT																			
LOAD SERVED	A	B	C	KAIC	TRIP	SIZE	NO.	PHASE	A	B	C	KAIC	TRIP	SIZE	NO.	PHASE	A	B	C
PNL LDP 2	2.3			2.3	20	2#10	1								2				
RCPT. CONTROL RM	0.9			0.9	22	2#12	3								4				
RCPT. MCC RM	1.1			1.1	20	2#12	5								6				
LTG. MCC RM	1.1			1.1	20	2#12	7								8				
LTG. CONTROL RM	1.2			1.2	20	2#12	9								10				
LTG. STAIRS	0.5			0.5	22	2#12	11								12				
RCPT. GATE OPERATOR	0.5			0.5	20	2#12	13								14				
RCPT. GATE OPERATOR	0.7			0.7	22	2#12	15								16				
LEVEL TRANSMITTER	0.1			0.1	20	2#12	17								18				
FT 111	0.1			0.1	22	2#12	19								20				
FT 112	0.1			0.1	20	2#12	21								22				
FT 113	0.1			0.1	22	2#12	23								24				
SPARE							25								26				
WH 1	0.9			0.9	20	2#12	27								28				
FT 114	0.1			0.1	22	2#12	29								30				
FT 115	0.1			0.1	20	2#12	31								32				
WATER COOLER	0.7			0.7	22	2#12	33								34				
TOTAL	5.0	6.9	6.4																
TOTAL CONNECTED KVA										42.4									

PANELBOARD LDP2 SCHEDULE																			
100 A. MAIN LUG ONLY, 208Y/120 V, 3 PHASE, 4 WIRE, SURFACE MOUNT																			
LOAD SERVED	A	B	C	KAIC	TRIP	SIZE	NO.	PHASE	A	B	C	KAIC	TRIP	SIZE	NO.	PHASE	A	B	C
F-3 FAN	0.8			0.8	22	2#12	1								2				
SPARE							3								4				
SPARE							5								6				
SPARE							7								8				
SPARE							9								10				
SPARE							11								12				
SPARE							13								14				
SPARE							15								16				
SPARE							17								18				
SPARE							19								20				
SPARE							21								22				
MOTOR HTR. CONTROL	0.5			0.5	20	2#12	23								24				
MOTOR HTR.	0.5			0.5	22	2#12	25								26				
MOTOR HTR.	0.5			0.5	20	2#12	27								28				
MOTOR HTR.	0.5			0.5	22	2#12	29								30				
TOTAL	1.3	1.4	1.8																
TOTAL CONNECTED KVA										7.9									

LOAD CENTER LP																			
30 A, MCB, 240/120 V, 1 PHASE, 3 WIRE, SURFACE MOUNT, NEMA 3R ENCLOSURE, 50A BUS																			
LOAD SERVED	A	B	C	KAIC	TRIP	SIZE	NO.	PHASE	A	B	C	KAIC	TRIP	SIZE	NO.	PHASE	A	B	C
LTG. GALLERY ADIT	0.2			0.2	20	2#12	1								2				
SPARE							3								4				
RCPT. ADIT ENT	0.4			0.4	20	2#12	5								6				
DAM MONITOR	1.0			1.0	15	2#12	7								8				
SPARE							9								10				
TOTAL	1.2	0.4																	
TOTAL CONNECTED KVA										3.3									



RECORD DRAWINGS
THESE DRAWINGS RECORDED ON THE BASIS OF INFORMATION FURNISHED BY THE CONTRACTOR OR SPECIFICALLY KNOWN TO HSM. NO OTHER REPRESENTATIONS ARE MADE OR IMPLIED
Date: 6-5-95

SPRING HOLLOW RESERVOIR
ROANOKE COUNTY, VIRGINIA
HAYES, SEAY, MATTERN & MATTERN, INC.
ARCHITECTS - ENGINEERS - PLANNERS
ROANOKE, VIRGINIA

ELECTRICAL
CONTROL WIRING DIAGRAMS
AND PANELBOARD SCHEDULES
SCALE NONE DATE 8/4/91 COMM 4194E SHEET E-7 DWG 25

DESIGNED *RSJ/ESC* DATE *5/20/90*
DRAWN *RAB* DATE *3/20/90*
CHECKED *RM* DATE *3/30/90*
APPROVED *RH2* DATE *8/4/91*
ISSUED *1/10/91* DATE *6/2/91*

STATE OF VIRGINIA
G. V. KILGUS
Professional Engineer
No. 2286
Exp. 12/31/95

REVISIONS

DATE	BY	DESCRIPTION
5/20/90	RSJ	PNLBD SCH & LTG CONT PNL
5/20/90	RSJ	PNLBD SCH
6/5/90	EA	PER CONTR RECORD DWG
6/5/90	JBH	ISSUED TO VA. DAM SAFETY
6/30/90	RWF	RECORD DRAWING

