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NOTE: EACH MOTOR IS TO BE FUSED SEPARATELY (BY OTHERS).
SEE CONTACTOR/STARTER FOR ANY SPECIFIC REQUIREMENTS.

BLOWER MOTOR

ENTRANCE

BLOWER MOTOR
CR-4-(30)

(5) (3)
(6) (4)

BLOWER MOTOR

OIL PUMP MOTOR

ENTRANCE

OIL PUMP MOTOR
CR-5-(33)

(5) (3)
(6) (4)

OIL PUMP MOTOR



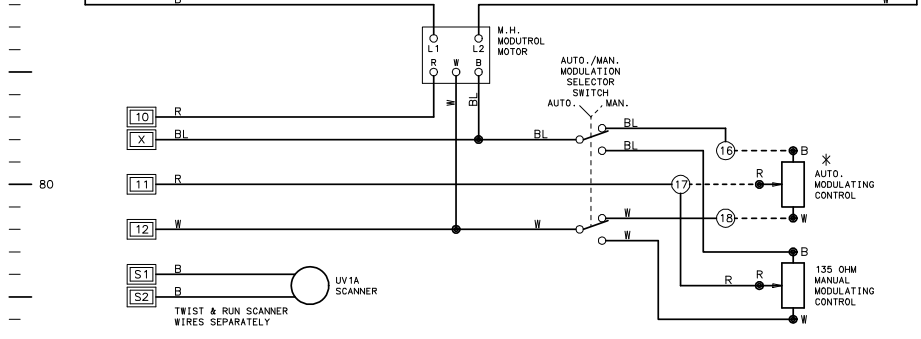
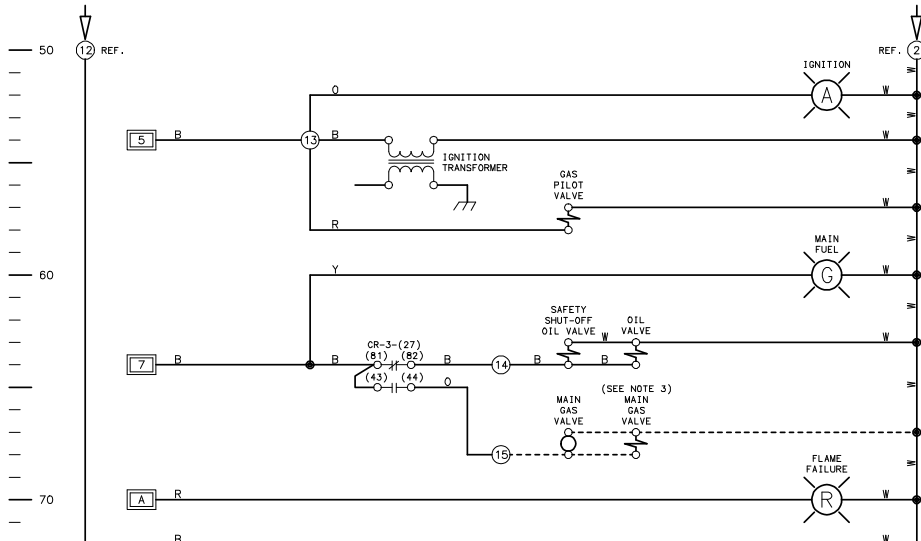
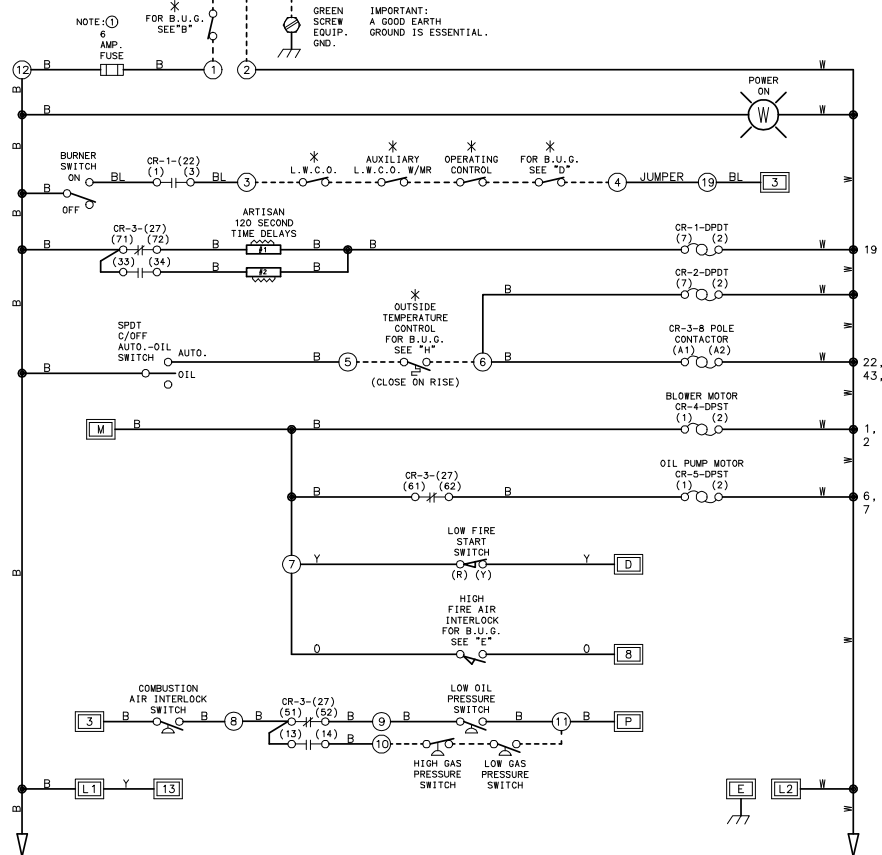
120/1/60 CONTROL ENTRANCE

NOTE: ① AMP FUSE

② FOR B.U.G. SEE "B"

GREEN SCREW EQUIP. GND.

IMPORTANT: A GOOD EARTH GROUND IS ESSENTIAL.



BROOKLYN UNION GAS

B	MANUAL RESET EXCESS LIMIT CUT OUT SWITCH (BY OTHERS)
C	
D	MANUAL RESET THERMAL SPILL SWITCH FOR BAROMETRIC DRAFT REGULATOR
E	HIGH FIRE INTERLOCK SWITCH REQD. FOR BROOKLYN UNION GAS MOUNTED ON BURNER AIR SHUTTER
F	
G	
H	OUTDOOR TEMPERATURE CONTROL FOR B.U.G. TO BE DIGI-SPAN MODEL SPC-100-T. RANGE (-30 DEG.F. TO +100 DEG.F.)

RELAYS

- CR-1: DPDT 8-PIN. FUEL CHANGEOVER RELAY
- CR-2: DPDT 8-PIN. VALVE PROVING CONTROL
- CR-4: DPST, BLOWER MOTOR
- CR-5: DPST, OIL PUMP MOTOR

CONTACTOR

CR-3: 8-POLE CONTACTOR, AUTOMATIC FUEL CHANGEOVER

NOTE 2: RELAY #2 CONTACTS ARE ONLY USED WHEN VALVE PROVING IS ADDED. WHEN ADDED, REMOVE JUMPER WIRE BETWEEN TERMINAL 19 AND 4. EACH MAIN GAS VALVE AND MAIN GAS VALVE TERMINAL MUST BE WIRED SEPARATELY TO VALVE PROVING CONTROL. (SEE DRWG. 731-15168)

NOTE 3: WHEN SIEMENS GAS TRAIN IS USED, THIS VALVE WILL BE MOTORIZED.

- FIREY BURNERLOGIX PROGRAMMER TERMINAL MODULE YP100, AMPLIFIER YB1100V
- BURNER PANEL TERMINAL
- WIRING BY I.C.
- - - - - WIRING BY OTHERS

WARNINGS: THESE DRAWINGS ARE TO BE USED ONLY IN CONNECTION WITH EQUIPMENT COMPLYING IN ALL RESPECTS WITH THE ORIGINAL MANUFACTURER'S SPECIFICATIONS. INSTALLER SHOULD INSPECT EQUIPMENT AND ASCERTAIN COMPLIANCE WITH ORIGINAL MANUFACTURER'S SPECIFICATIONS BEFORE USING THESE DRAWINGS. DO NOT USE THESE DRAWINGS IF THE EQUIPMENT HAS BEEN MODIFIED, SUCH USE MAY CAUSE EQUIPMENT FAILURE OR MALFUNCTION WHICH MAY RESULT IN ELECTRICAL SHOCK OR BURNS OR OTHER SEVERE PERSONAL INJURY AND PROPERTY DAMAGE. INDUSTRIAL COMBUSTION DISCLAIMS ANY AND ALL LIABILITY FOR ANY INJURY OR DAMAGE, WHETHER DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL, RESULTING FROM THE USE OF THESE DRAWINGS IN CONNECTION WITH EQUIPMENT WHICH DOES NOT COMPLY IN ALL RESPECTS WITH THE MANUFACTURER'S ORIGINAL SPECIFICATIONS.

REVISIONS

731-15249	WIRE COLOR SYMBOL	WIRE ALL CIRCUITS N.E.C. CLASS 1; NOT RESPONSIBLE FOR WIRING NOT INSTALLED AT THE FACTORY.	SCALE	DATE	OPTIONAL EQUIPMENT NOT FURNISHED UNLESS SPECIFIED IN CONTRACT.
	YELLOW Y			10/16/07	
	ORANGE O				
	RED R				
	BLUE BL	① SUPPLEMENTARY LOW OVERCURRENT PROTECTION ONLY. FUSE NOT LARGER THAN 15 AMPS.			
	WHITE W				
	BLACK B				

KLG-25/SIZE 1
LV-120-240/1/60
CC-120/1/60

IC INDUSTRIAL COMBUSTION, L.L.C.
 SIZE D DRWG. NO. 731-15249 00

731-15249-100