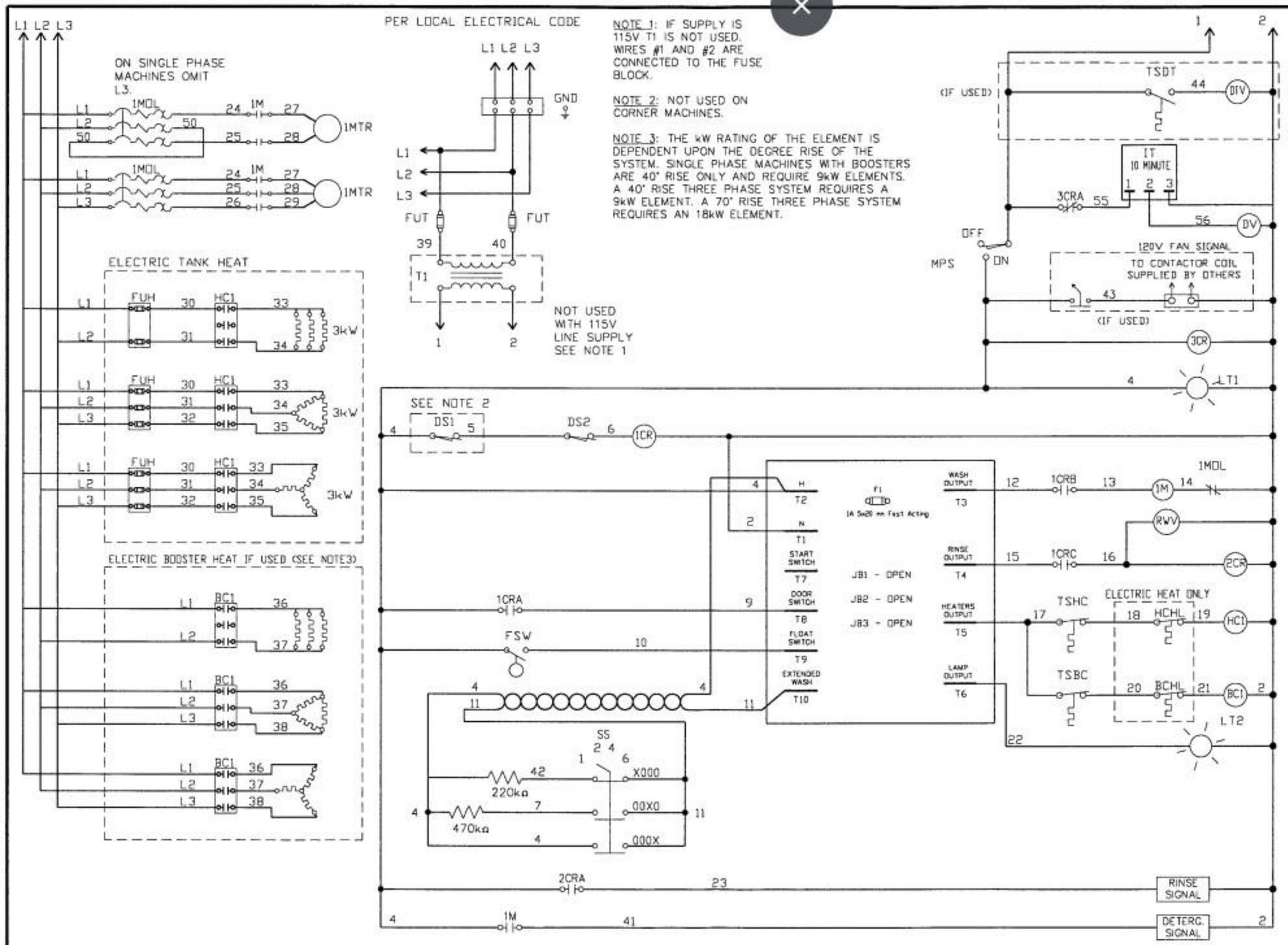

1CR	DOOR SWITCH RELAY
2CR	RINSE AID SIGNAL RELAY
3CR	POWER ON RELAY
1M	WASH MOTOR CONTACTOR
1MOL	WASH MOTOR OVERLOAD
1MTR	WASH MOTOR
BC1	BOOSTER TANK CONTACTOR OR STEAM VALVE
BCHL	BOOSTER TANK HIGH LIMIT
DS1	DOOR SAFETY SWITCH, FRONT DOOR
DS2	DOOR SAFETY SWITCH, SIDE DOORS
DTV	DRAIN TEMPERING VALVE
DV	DRAIN VALVE
F1	TIMER BOARD FUSE
FSW	FLOAT SWITCH
FUH	TANK HEAT FUSES
FUT	TRANSFORMER FUSES
HC1	TANK HEAT CONTACTOR OR STEAM VALVE
HCHL	TANK HEAT HIGH LIMIT
IT	INTERVAL TIMER, 10 MINUTE
JB1	RINSE TIME SELECT JUMPER
JB2	CYCLE SELECT JUMPER
JB3	CYCLE SELECT JUMPER
LT1	POWER ON LIGHT
LT2	CYCLE LIGHT
MPS	MAIN POWER SWITCH
RWV	RINSE WATER VALVE
SS	CYCLE TIME SELECTOR SWITCH
T1	LINE:120V TRANSFORMER
TSBC	BOOSTER TANK THERMOSTAT
TSDT	DRAIN TEMPERING THERMOSTAT
TSHC	WASH TANK THERMOSTAT

TO TEST INPUTS T8 AND T9 A METER CAPABLE OF READING DC VOLTAGES MUST BE USED.

1.) SET METER TO READ DC VOLTAGE
2.) PLACE BLACK LEAD TO T2
3.) PLACE RED LEAD TO TERMINAL BEING TESTED i.e. PLACE RED LEAD TO T8 TO TEST DOOR SW.
4.) AN OPEN SWITCH WILL READ 4.7–5.3VDC A CLOSED SWITCH WILL READ 0–1VDC

DIAGRAM STATE
POWER OFF
DOORS CLOSED
TANKS EMPTY
END OF CYCLE

CUSTOMER TO SUPPLY RATED VOLTAGE/PHASE/Hz. AS SPECIFIED PER ORDER.TO DISCONNECT SWITCH. ALL POWER SUPPLIED TO EACH CONNECTION POINT MUST COMPLY WITH ALL LOCAL ELECTRIC CODES.

DR.BY	J.NEWTON	SCALE	NONE
DATE	6MAY99	SHEET 1	OF 1

REV.	DESCRIPTION	DATE	BY
A	ADDED 1 MINUTE CYCLE	4JUNE99	JCN
B	ADDED OPTIONAL VENT SWITCH CIRCUITRY	9SEPT99	JCN
C	ADDED OPTIONAL DRAIN TEMPERING CIRCUITRY	22JUNE00	JCN

REV.	DESCRIPTION	DATE	BY
D	REVISED SINGLE PHASE MOTOR OVERLOAD CIRCUIT ADDED TROUBLESHOOTING GUIDE	25SEP00	JCN
E	REVISED TIMING SWITCH WIRING	28FEB01	JCN
F	ADDED NC DRAIN VALVE CIRCUITRY	30MAR01	JCN

Champion
The Dishwashing Machine Specialists

D-H1/BTE – ELECTRONIC CONTROLS
STEAM/ELECTRIC– 1 & 3 PHASE

B 701648 REV. F