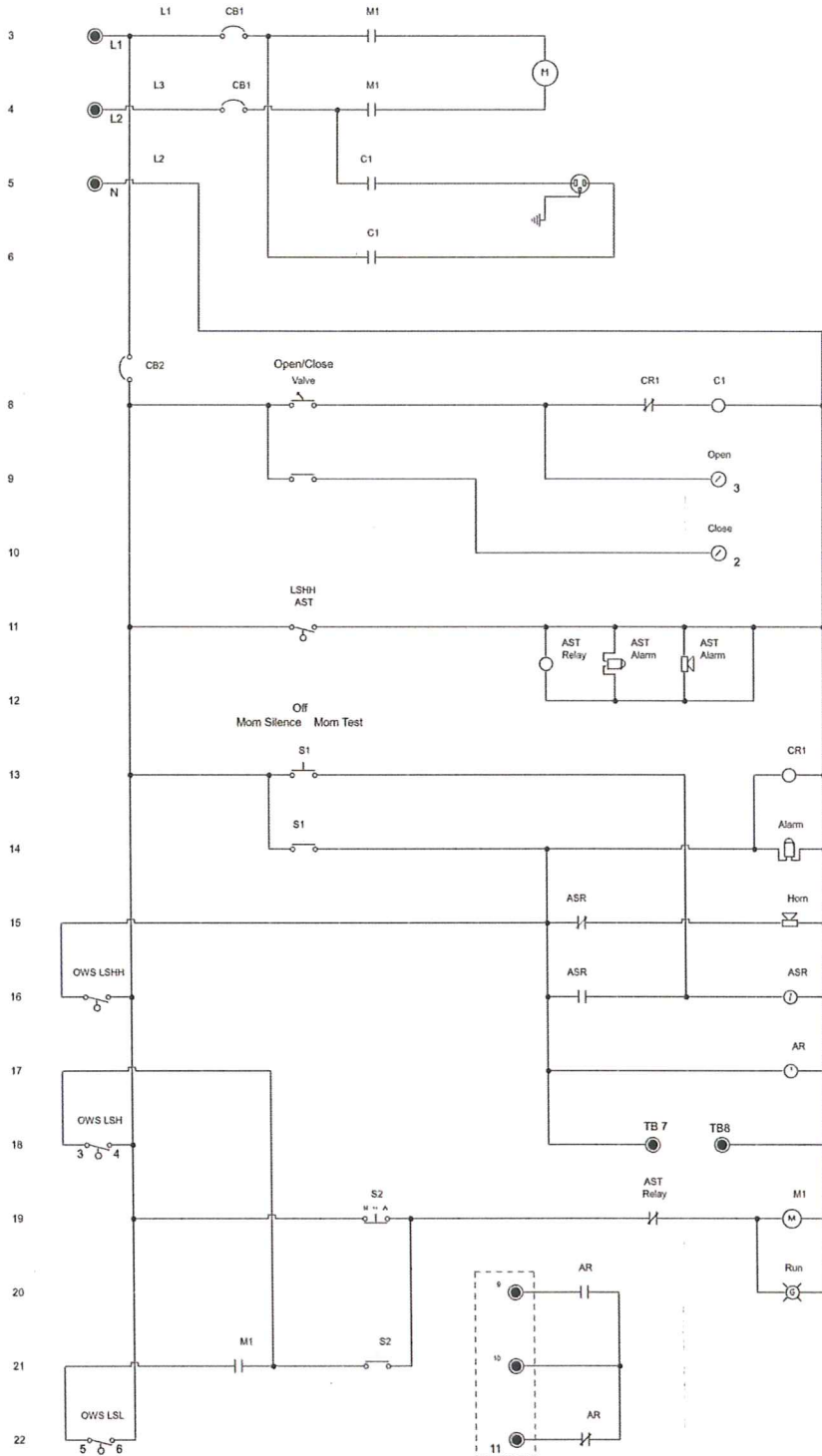


2 3 4 5 6 7 8 9 10 11 12 13 14

WARNING -MAIN DISCONNECT MUST BE PROVIDED BY OTHERS

MOTOR MUST INCLUDE INTERNAL OVERLOAD PROTECTION

120V/240V 1 PH 3 Wire



NOTES;

THE STANDARD SIMPLEX 1 PH PUMP CONTROLLER WAS MODIFIED AS FOLLOWS:

1. ON-OFF SWITCH ADDED TO CONTROL 3-WAY BUTTERFLY VALVE TO OPEN VALVE TO OWS AND CLOSE VALVE TO DRAINAGE DITCH (RUND 8); SAME SWITCH CONTROLS CONTACTOR COIL WHICH COMPLETES 120V OUTLET (RUNG 10, RUNG 5, AND RUNG 6).
2. FLOAT SWITCH ADDED TO DETECT HIGH-HIGH LEVEL (LSHH) IN AST (RUNG 10) AND RED LIGHT ILLUMINATES TO INDICATE LSHH (RUNG 10). RELAY ADDED TO OPEN CIRCUIT TO SUMP PUMP MOTOR CONTACTOR WHEN LSHH IN OWS CLOSES (RUNG 10).
3. CONTROL RELAY ADDED (RUNG 11) TO DROP OUT CONTACTOR SUPPLYING PRESSURE WASHER OUTLET.
4. CONTROL PANEL TO BE FABRICATED BY VYNCKIER CONTROLS AND ORDERED THROUGH GRAINGER DISTRIBUTOR PART NO.: VYNCKIER GE-MOD-1PHSPLX.



MAXIS ENGINEERING, LLC
 1100 HOWELL BRIDGE ROAD
 BALL GROUND, GEORGIA 30107
 PHONE: (678) 454-1130
 FAX: (678) 454-1131

FACILITY WASTEWATER
 ELECTRICAL SCHEMATIC

SCALE: NTS	DRAWN BY: BDH	CHK'D BY: BDH
JOB NO: 1-12-346A	DATE: 5-1-13	FIGURE NO: 2