



KEY TO DIAGRAM

- |                              |                                |
|------------------------------|--------------------------------|
| X1 - BURNER TERMINAL RAIL    | UV - UV CELL                   |
| X2 - 7 POLE CONNECTOR        | K1 - FAN MOTOR CONTACTOR       |
| X3 - 4 POLE CONNECTOR        | K2 - PUMP MOTOR CONTACTOR      |
| X4 - GAS TRAIN PLUG          | F1 - THERMAL RELAY FAN MOTOR   |
| S1 - ON/OFF SWITCH           | F2 - THERMAL RELAY PUMP MOTOR  |
| S2 - LOCKOUT RE-SET SWITCH   | PA - AIR PRESSURE SWITCH       |
| S3 - REMOTE RESET LDU        | MV - MOTOR FAN                 |
| S4 - AUTO/MAN SWITCH         | MP - MOTOR PUMP                |
| S5 - MIN/MAX SWITCH          | TS - SAFETY THERMOSTAT         |
| H1 - OPERATION LIGHT         | TC - CONTROL THERMOSTAT        |
| H2 - LOCK-OUT SIGNAL LIGHT   | Y10 - SQM10 AIR DAMPER MOTOR   |
| H3 - LDU REMOTE L/OUT LIGHT  | LFL1 - LANDIS & STAFA CONTROL  |
| H4 - REMOTE BURNER RUN LIGHT | Z - FILTER                     |
| TAo - IGNITION TRANS (OIL)   | VP - MAIN GAS VALVE            |
| TAg - IGNITION TRANS (GAS)   | VS - SAFETY VALVE              |
|                              | VPL - PILOT VALVE              |
|                              | PM - GAS PRESSURE SWITCH (MAX) |
|                              | Pm - GAS PRESSURE SWITCH (MIN) |

\* FOR REMOTE FUEL CHANGE AUTOMATIC CONTROL, ( OPEN=GAS - CLOSE=LIGHTOIL ),

