



NOTES:

1. SEE DRAWINGS FOR LOCATION OF MERLIN CONTROL PANEL, PROGRAMMER AND GAS SOLENOID VALVES.
2. P.C. TO SUPPLY ALL EQUIPMENT AS A SINGLE SYSTEM.
3. SYSTEM TO BE UL61010 3RD EDITION CERTIFIED.
4. UNLESS NOTED OTHERWISE, WIRING, ELECTRICAL CONNECTIONS AND TESTING BY DIV. 26. COORDINATE GAS SOLENOID VALVE LOCATION AND FIELD WIRING WITH DIV. 22.
5. COORDINATE LOCATION OF EMERGENCY SHUTOFF BUTTON (AGSEPONTW) WITH OWNER.
6. INTERRUPT EM REMOTE CIRCUIT WITH FIRE ALARM INTERRUPT SIGNAL AS PER MANUFACTURERS INSTALLATION INSTRUCTIONS.
7. PROVIDE INDEPENDENT 120V SOURCE CIRCUIT FOR THE DIGITAL TIMER.
8. PROVIDE VOLT FREE DRY CONTACT NORMALLY CLOSED CIRCUIT FROM BMS OUTPUT ON MERLIN PANEL TO BMS ADVISORY PANEL. BMS RELAY OUTPUT TO CHANGE STATE IN ALARM CONDITION.
9. TYPICAL SEQUENCE OF OPERATION: OUTPUT FROM TIMER ENGAGES CONTROL PANEL, OUTPUT SIGNAL FROM CONTROL PANEL PROVIDES POWER TO TIMED BUTTON, TIMED BUTTON PROVIDES POWER TO GAS SOLENOID VALVE. FIRE ALARM ANNUNCIATION SIGNAL AND/OR EM STOP SIGNAL DISENGAGES CONTROL PANEL OUTPUT SIGNAL TO SOLENOID VALVE. KEY LOCK AUTHORITY REQUIRED TO RE-SET PANEL AFTER ALARM CONDITION ONLY. KEY TO BE LEFT IN THE ON POSITION DURING REGULAR RUNNING PERIOD
10. BASIS OF DESIGN AMERICAN GAS SAFETY MERLIN 1000SI CONTROL PANEL AVAILABLE FROM MANUFACTURER WWW.AMERICANGASSAFETY.COM TEL: 727.608.4375