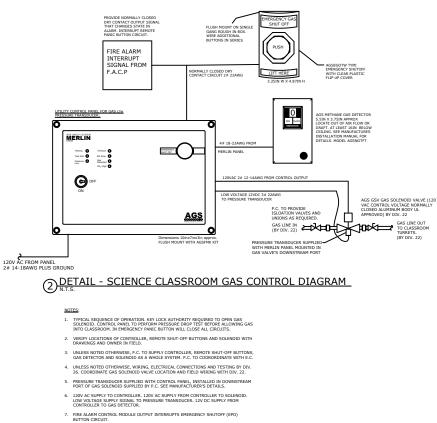
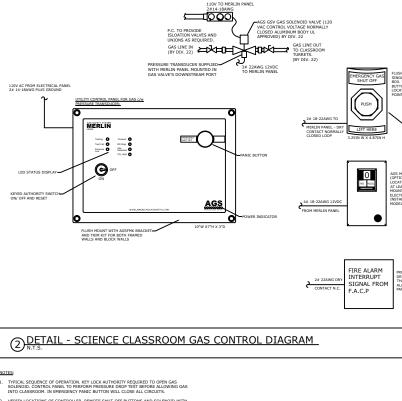
GAS ONLY





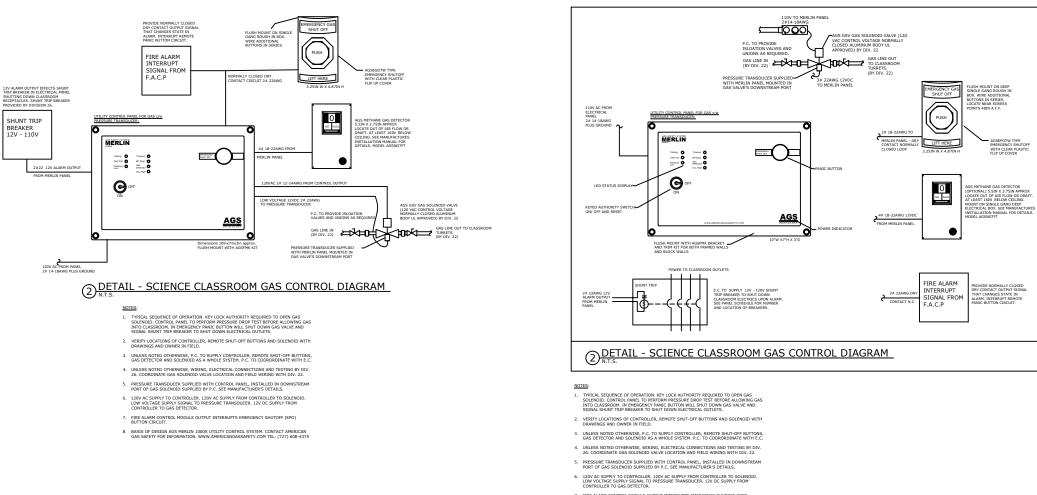


 VERIFY LOCATIONS OF CONTROLLER, REMOTE SHUT-OFF BUTTONS AND SOLENOID WIT DRAWINGS AND OWNER IN FIELD. I. UNLESS NOTED OTHERWISE, P.C. TO SUPPLY CONTROLLER, REMOTE SHUT-OFF BUITTONS GAS DETECTOR AND SOLENOID AS A WHOLE SYSTEM. P.C. TO COORORDINATE WITH E.C NLESS NOTED OTHERWISE, WIRING, ELECTRICAL CONNECTIONS AND TESTING BY DP 6. COORDINATE GAS SOLENOID VALVE LOCATION AND FIELD WIRING WITH DIV. 22. PRESSURE TRANSDUCER SUPPLIED WITH CONTROL PANEL, INSTALLED IN DOWNSTR PORT OF GAS SOLENOID SUPPLIED BY P.C. SEE MANUFACTURER'S DETAILS.

V AC SUPPLY TO CONTROLLER. 120V AC SUPPLY FROM CONTROLLER TO SOLENOI (VOLTAGE SUPPLY SIGNAL TO PRESSURE TRANSDUCER. 12V DC SUPPLY FROM FIRE ALARM CONTROL MODULE OUTPUT INTERRUPTS EMERGENCY SHUTOFF (EPO

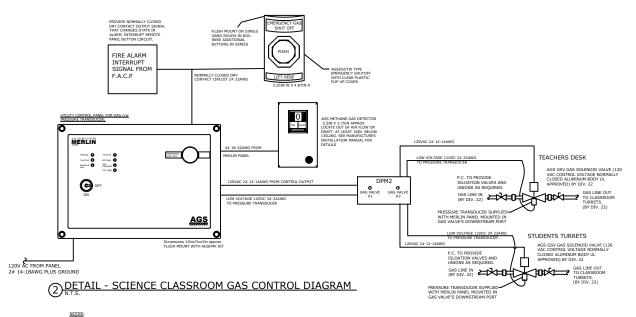
BASIS OF DESIGN AGS MERLIN 1000S UTILITY CONTROL SYSTEM. CONTACT AMERICAN GAS SAFETY FOR INFORMATION. WWW.AMERICANGASSAFETY.COM TEL: (727) 608-4375

GAS WITH ELECTRIC OFF IN ALARM



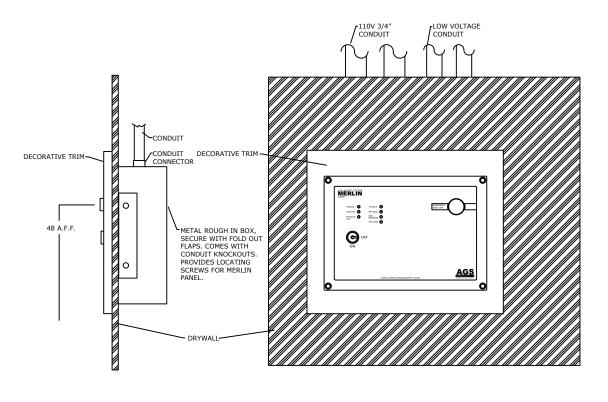
7. FIRE ALARM CONTROL MODULE OUTPUT INTERRUPTS EMERGENCY SHUTOFF (EPO) BUTTON CIRCUIT. BASIS OF DESIGN AGS MERLIN 1000S UTILITY CONTROL SYSTEM. CONTACT AMERICAN GAS SAFETY FOR INFORMATION. WWW.AMERICANGASSAFETY.COM TEL: (727) 608-4375

DOUBLE UP GAS PRESSURE TRANSDUCER

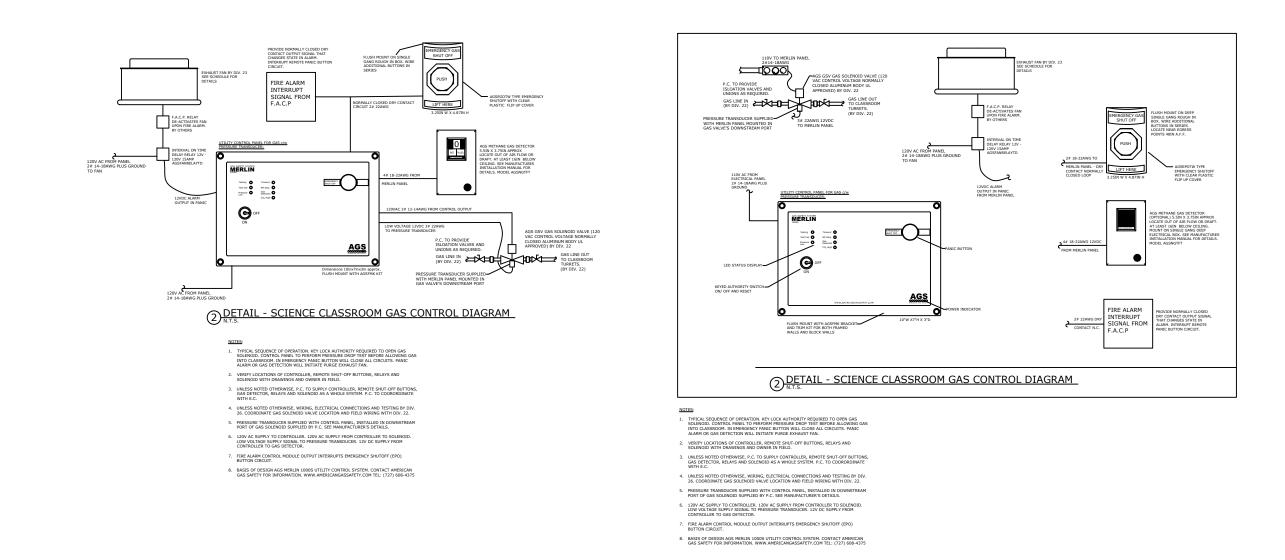


- TYPICAL SEQUENCE OF OPERATION. KEY LOCK AUTHORITY REQUIRED TO OPEN GAS SOLENOID. CONTROL PANEL TO PERFORM PRESSURE DROP TEST BEFORE ALLOWING GAS INTO CLASSROOM. IN EMERGENCY PANIC BUTTON WILL CLOSE ALL CIRCUITS. 2. VERIFY LOCATIONS OF CONTROLLER, REMOTE SHUT-OFF BUTTONS AND SOLENOID WITH DRAWINGS AND OWNER IN FIELD.
- UNLESS NOTED OTHERWISE, P.C. TO SUPPLY CONTROLLER, REMOTE SHUT-OFF BUTTONS, GAS DETECTOR AND SOLENOID AS A WHOLE SYSTEM. P.C. TO COORORDINATE WITH E.C. UNLESS NOTED OTHERWISE, WIRING, ELECTRICAL CONNECTIONS AND TESTING BY DIV. 26. COORDINATE GAS SOLENOID VALVE LOCATION AND FIELD WIRING WITH DIV. 22.
- PRESSURE TRANSDUCER SUPPLIED WITH CONTROL PANEL, INSTALLED IN DOWNSTREAM PORT OF GAS SOLENOID SUPPLIED BY P.C. SEE MANUFACTURER'S DETAILS. 120V AC SUPPLY TO CONTROLLER. 120V AC SUPPLY FROM CONTROLLER TO SOLENOID. LOW VOLTAGE SUPPLY SIGNAL TO PRESSURE TRANSDUCER. 12V DC SUPPLY FROM CONTROLLER TO GAS DETECTOR.
- 7. FIRE ALARM CONTROL MODULE OUTPUT INTERRUPTS EMERGENCY SHUTOFF (EPO) BUTTON CIRCUIT. BASIS OF DESIGN AGS MERLIN 1000S UTILITY CONTROL SYSTEM. CONTACT AMERICAN GAS SAFETY FOR INFORMATION. WWW.AMERICANGASSAFETY.COM TEL: (727) 608-4375

INSTALL EXAMPLE



GAS WITH EXHAUST FAN IN PANIC



GAS WITH MANUAL EXHAUST FAN AND IN PANIC

