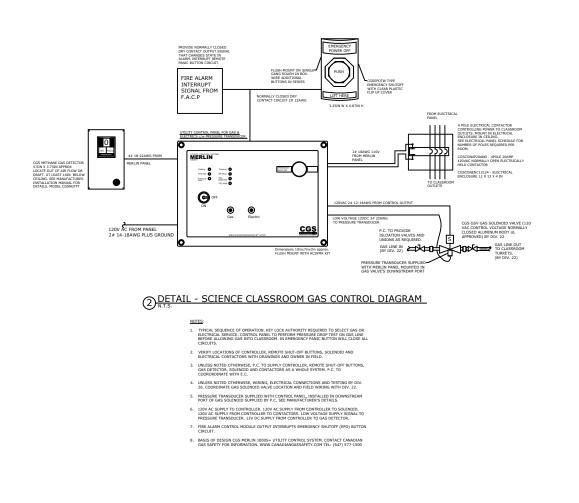
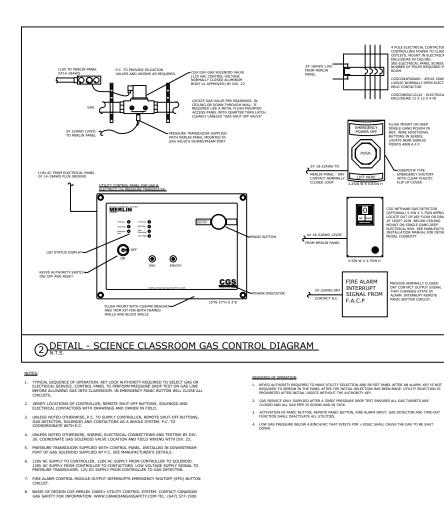
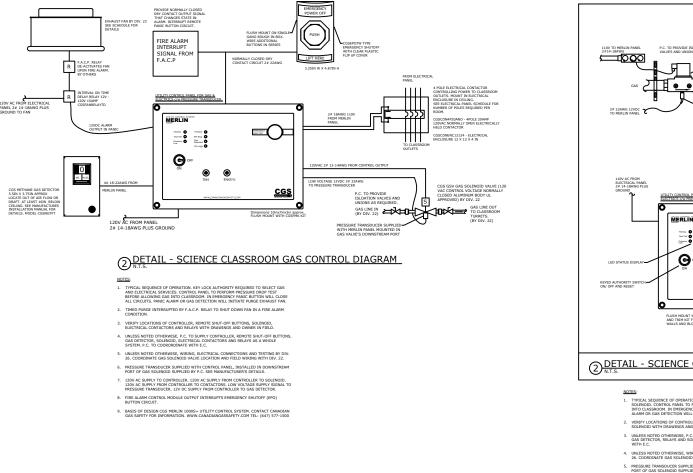
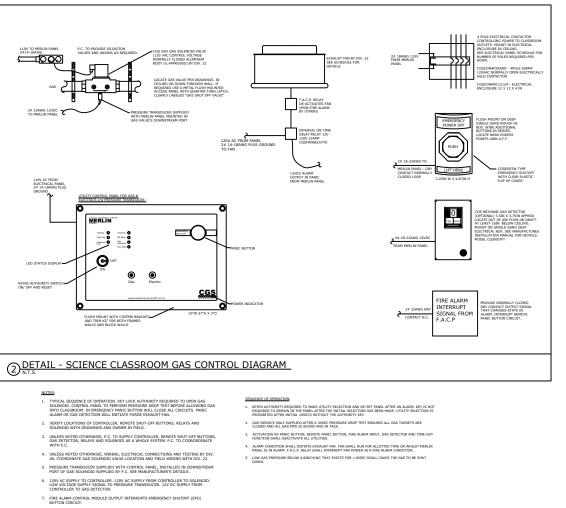
GAS AND ELECTRIC





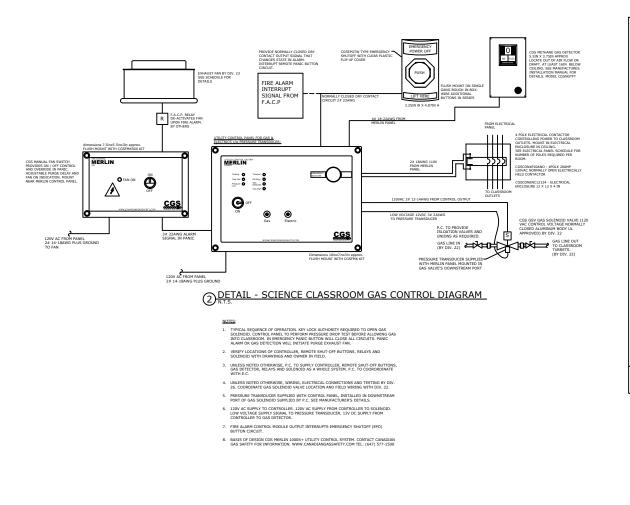
GAS WITH EXHAUST FAN IN PANIC

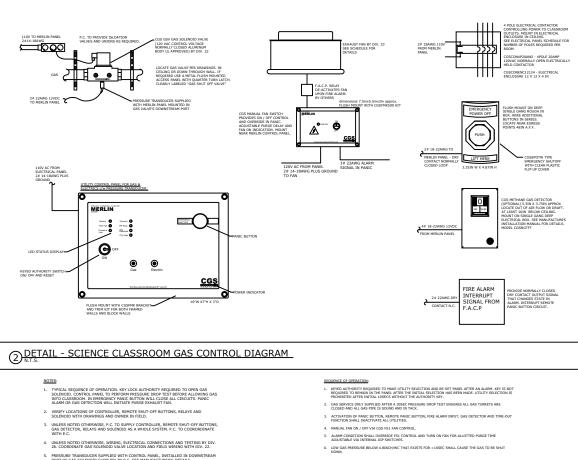




GAS WITH MANUAL EXHAUST FAN AND IN PANIC

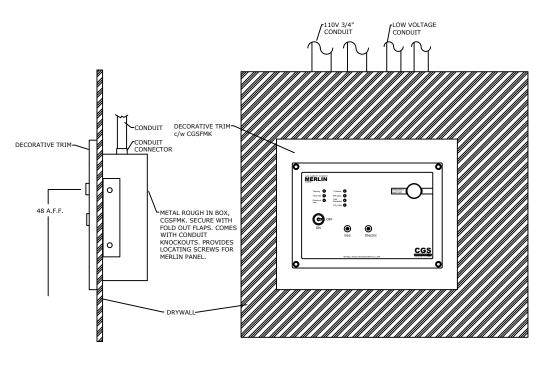
BASIS OF DESIGN CGS MERLIN 1000S+ UTILITY CONTROL SYSTEM. CONTACT CANADIAN GAS SAFETY FOR INFORMATION. WWW.CANADIANGASSAFETY.COM TEL: (647) 577-1500

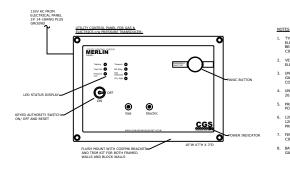




- UNLESS NOTED OTHERWISE, WIRING, ELECTRICAL CONNECTIONS AND TESTING BY DIV. 26. COORDINATE GAS SOLENOID VALVE LOCATION AND FIELD WIRING WITH DIV. 22. PRESSURE TRANSDUCER SUPPLIED WITH CONTROL PANEL, INSTALLED IN DOWNSTREAM PORT OF GAS SOLENOID SUPPLIED BY P.C. SEE MANUFACTURER'S DETAILS.
- 120V AC SUPPLY TO CONTROLLER. 120V AC SUPPLY FROM CONTROLLER TO SOLENOID. LOW VOLTAGE SUPPLY SIGNAL TO PRESSURE TRANSDUCER. 12V DC SUPPLY FROM CONTROLLER TO GAS DETECTOR.
- FIRE ALARM CONTROL MODULE OUTPUT INTERRUPTS EMERGENCY SHUTOFF (EPO) BUTTON CIRCUIT. BASIS OF DESIGN CGS MERLIN 1000S+ UTILITY CONTROL SYSTEM. CONTACT CANADIAN GAS SAFETY FOR INFORMATION. WWW.CANADIANGASSAFETY.COM TEL: (647) 577-1500

INSTALL EXAMPLE





TYPICAL SEQUENCE OF OPERATION. KEY LOCK AUTHORITY REQUIRED TO SELECT GAS ON ELECTRICAL SERVICE. CONTROL PANEL TO PERFORM PRESSURE DROP TEST ON GAS LIN BEFORE ALLOWING GAS INTO CLASSROOM. IN EMERGENCY PANIC BUTTON WILL CLOSE / VERIFY LOCATIONS OF CONTROLLER, REMOTE SHUT-OFF BUTTONS, SOLENOID AND ELECTRICAL CONTACTORS WITH DRAWINGS AND OWNER IN FIELD. UNLESS NOTED OTHERWISE, P.C. TO SUPPLY CONTROLLER, REMOTE SHUT-OFF BUTTONS, GAS DETECTOR, SOLENOID AND CONTACTORS AS A WHOLE SYSTEM. P.C. TO COORDEDINATE WITH F C NLESS NOTED OTHERWISE, WIRING, ELECTRICAL CONNECTIONS AND TESTING BY DI 6. 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. 20V AC SUPPLY TO CONTROLLER. 120V AC SUPPLY FROM CONTROLLER TO SOLENOD. 20V AC SUPPLY FROM CONTROLLER TO CONTACTORS. LOW VOLTAGE SUPPLY SIGNAL TO RESSURE TRANSDUCER. 12V DC SUPPLY FROM CONTROLLER TO GAS DETECTOR. FIRE ALARM CONTROL MODULE OUTPUT INTERRUPTS EMERGENCY SHUTOFF (EPO) BU BASIS OF DESIGN CGS MERLIN 1000S+ UTILITY CONTROL SYSTEM, CONTACT CANADIAN GAS SAFETY FOR INFORMATION. WWW.CANADIANGASSAFETY.COM TEL: (647) 577-1500

