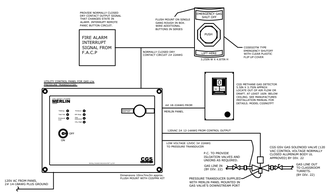
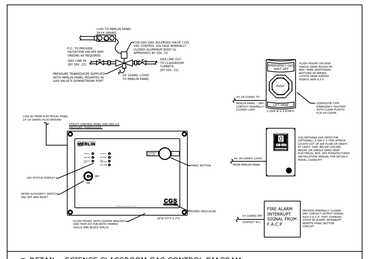
GAS ONLY



2 DETAIL - SCIENCE CLASSROOM GAS CONTROL DIAGRAM
SCALE: N.T.S.



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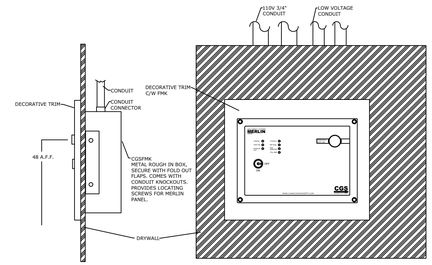
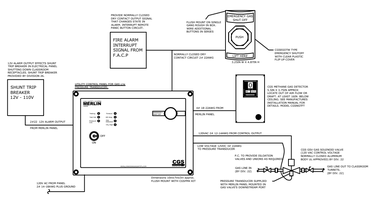
NOTES:

1. 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 DETAILS.
3. UNLESS NOTED OTHERWISE, F.C. TO SUPPLY CONTROLLER, REMOTE SHUT OFF BUTTONS, GAS DETECTOR AND SOLENOID AS A WHOLE SYSTEM. F.C. TO COORDINATE WITH E.C.
4. UNLESS NOTED OTHERWISE, WIRING, ELECTRICAL CONNECTIONS AND TESTING BY DIV. 26. COORDINATE GAS SOLENOID VALVE LOCATION AND FIELD WIRING WITH DIV. 22.
5. PRESSURE TRANSDUCER SUPPLIED WITH CONTROL PANEL, INSTALLED IN DOWNSTREAM PORT OF GAS SOLENOID SUPPLIED BY F.C. SEE MANUFACTURER'S DETAILS.
6. 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 (SRO) BUTTON CIRCUIT.
8. BASIS OF DESIGN CGS MERLIN 10000 UTILITY CONTROL SYSTEM. CONTACT CANADIAN GAS SAFETY FOR INFORMATION. WWW.CANADIANGASSAFETY.COM TEL: (647) 577 1300

INSTALL EXAMPLE



GAS WITH ELECTRIC OFF IN ALARM



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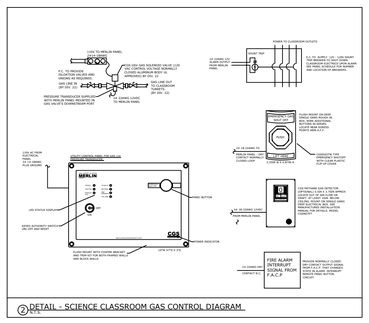

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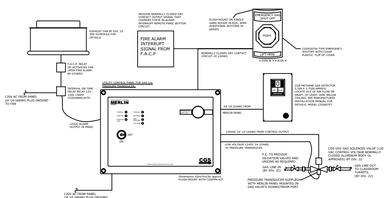
GAS WITH EXHAUST FAN IN PANIC



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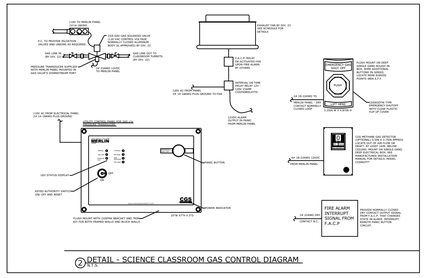

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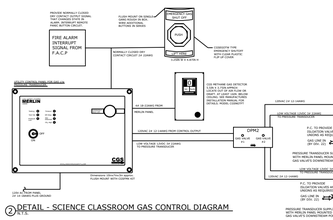
DOUBLE UP GAS PRESSURE TRANSDUCER



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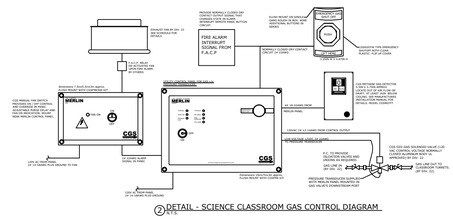
GAS WITH MANUAL EXHAUST FAN AND IN PANIC



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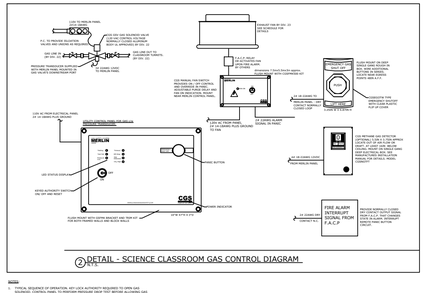

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