1. This is a typical room wall elevation for wiring illustration only.
2. Refer to sheet D-712 for schematic wiring.
3. Wiring can be run in flexible conduit.
4. CAT 5E wiring from gas transmitters is not shown but it is required to be installed by contractor in a separate conduit.
5. Existing conduits shall be reused as much as possible.

General Notes:
- Mount Raco 232 box with analog module at close proximity to the gas sensor. Leave minimum spacing of 12" between devices for conduit run.

Reference Notes:
- Conduit contains wiring of 24VDC power supply for gas transmitters, 4-20mA analog signal and instrument fault signal.
- Conduit contains wiring for 24VDC power supply for stack light and signal control of stack light.

Operation Notes:
- Stack light 1 (LT1) and stack light 2 (LT2) are activated in parallel. Dual relay monitor module 1 (DRM1) drives two lights (green and yellow) and dual relay monitor module 2 (DRM2) drives one light (red).
- 4-20mA signal to analog input module 1 (AM1), fault signal to dual monitor module (DM1).
- 4-20mA signals to analog input module 2 and 3 (AM2 and 3), fault signals to dual relay monitor module (DRM2).
- Existing emergency stop button (ES1) signal to dual monitor module (DM1).

MIDAS Sensor (TYP.)
- Existing MIDAS sensor (TYP) AIT-XXX
- MIDAS sensor (TYP) AIT-XXX
- MIDAS sensor (TYP) AIT-XXX

Emergency Stop Button
- EMERGENCY STOP BUTTON

Stack Light LTA located in room, Stack light LTB located in corridor.