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LTA AND DRM1 LOCATED

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GENERAL NOTES:

- 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.

REFERENCE 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.
- 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.
- STACK LIGHT LTA LOCATED IN ROOM, STACK LIGHT LTB LOCATED IN CORRIDOR.
- MOUNT RACO 232 BOX WITH DUAL RELAY MODULE AT CLOSE PROXIMITY TO THE LIGHT TREE. LEAVE MINIMUM SPACING OF 12" BETWEEN DEVICES FOR CONDUIT RUN.
- 6 MOUNT RACO 232 BOX WITH DUAL MONITOR MODULE AT CLOSE PROXIMITY TO THE EMERGENCY STOP BUTTON. LEAVE MINIMUM SPACING OF 12" BETWEEN DEVICES FOR CONDUIT RUN.
- T MOUNTING HEIGHTS ARE ONLY APPLICABLE TO NEW DEVICES BEING INSTALLED. EXISTING DEVICES WILL NOT BE ADJUSTED TO HEIGHTS SHOWN.

OPERATION NOTES:

- 1. 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).
- 2. 4-20mA SIGNAL TO ANALOG INPUT MODULE 1 (AM1), FAULT SIGNAL TO DUAL MONITOR MODULE (DM1).
- 3. 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).





INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

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