GENERAL NOTES:

1. CONTROL CABINET WIRING PER SECTION 4098 CC.
2. REFER TO C50 SYSTEM P&ID FOR SPECIFIC PLC I/O POINTS.
3. PROVIDE INTRINSIC SAFETY BARRIERS OR ISOLATORS FOR INSTRUMENTS OR DEVICES LOCATED IN AREAS CLASSIFIED AS AN EXPLOSION HAZARD. INTRINSIC SAFETY DEVICES SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS. INTRINSICALLY SAFE CIRCUITS SHALL BE INSTALLED AND PHYSICALLY SEPARATED PER NEC 500, 504 AND UL REQUIREMENTS.

KEYNOTES:

1. 24VDC CONTROL POWER SUPPLY IN CABINET/PANEL REFER TO TYPICAL CONTROL CABINET/PANEL POWER DISTRIBUTION SCHEMATIC ON PREVIOUS SHEET AND COMPONENT SPECIFICATIONS.
2. ALL ANALOG SHIELD'S TO ISOLATED GROUND BUS.
3. CONTROL PANEL TERMINAL BLOCKS.
NOTE:

1. J01-J12 are breakout board terminals. For more details, see SNAP-IDC-HCB data sheet.

DISCRETE INPUT WIRING

SHEET 2 OF 4
DISCRETE INPUT WIRING

SHEET 3 OF 4
GENERAL NOTES:

1. CONTROL CABINET WIRING PER SECTION 40.98.00.
2. REFER TO C50 SYSTEM P&ID FOR SPECIFIC PLC I/O POINTS.
3. PROVIDE INTRINSIC SAFETY BARRIERS OR ISOLATORS FOR FIELD INSTRUMENTS OR DEVICES LOCATED IN AREAS CLASSIFIED AS AN EXPLOSION HAZARD. INTRINSIC SAFETY DEVICES SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS. INTRINSICALLY SAFE CIRCUITS SHALL BE INSTALLED AND PHYSICALLY SEPARATED PER NEC 500, 504 AND UL REQUIREMENTS.

KEYNOTES:

1. 24VDC CONTROL POWER SUPPLY IN CABINET/PANEL REFER TO TYPICAL CONTROL CABINET/PANEL POWER DISTRIBUTION SPECIFICATIONS ON PREVIOUS SHEET AND COMPONENT SPECIFICATIONS.
2. ALL ANALOG SHIELD'S TO ISOLATED GROUND BUS.
3. CONTROL PANEL TERMINAL BLOCKS.

DISCRETE WIRING DIAGRAM