NOTE:

1. CONDUIT ENTRY PORTS 1" NPT
1) ELECTRICAL CLASSIFICATION DESIGNED FOR CLASS 1, DIV 2, GROUPS A, B, C, D. ALL ELECTRICAL COMPONENTS ARE SELF-CERTIFIED FOR HAZARDOUS AREA USAGE BY THE RESPECTIVE VENDOR. THIS ASSEMBLY HAS NOT BEEN CERTIFIED.

2) WIRING SHALL BE IN ACCORDANCE WITH APPLICABLE NEC CODE. ELECTRICAL MATERIALS SHALL BE LABELED BY: UL, FM OR CSA (WIRE AND TERMINALS ONLY) THE FOLLOWING WIRE SIZES ARE EXCLUSIVE OF INTEGRATED COMPONENT WIRE SIZE:
   - AC POWER WIRES: TFE 600V INSULATION, 12 AWG MINIMUM, STRANDED COPPER CONDUCTOR
   - ALL OTHER WIRES: TFE 300V INSULATION, 18 AWG MINIMUM, STRANDED COPPER CONDUCTOR

3) COLOR CODING:
   - AC
   - DC
   - SIGNAL & ALARM
   - RTD
   - ALL - YELLOW
   - A - WHITE
   - B - RED
   - H/L1 - BLACK
   - POSITIVE - RED
   - NEGATIVE - BLACK
   - GND - GREEN
   - PT100 - BLACK

FOR CUSTOMER SUPPLIED 24V OPTION, DISCONNECT POWER SUPPLY AND WIRE DIRECTLY TO TBA-4 (+24V) AND TBA-3 (0V)

SV3 WIRING ONLY REQUIRED WITH DUAL VORTEX PROBES

6) ENCLOSURE DOOR SHALL BE GROUNDED TO BACK PANEL.

TBB-1 HAS 24VDC THAT CAN BE WIRE TO A SWITCH/HV CONTACT, THEN RETURN THOUGH TBB-2 TO FORCE THE SAMPLE SHUTOFF. INSERT JUMPER FOR SAME EFFECT.

FIELD TO WIRE