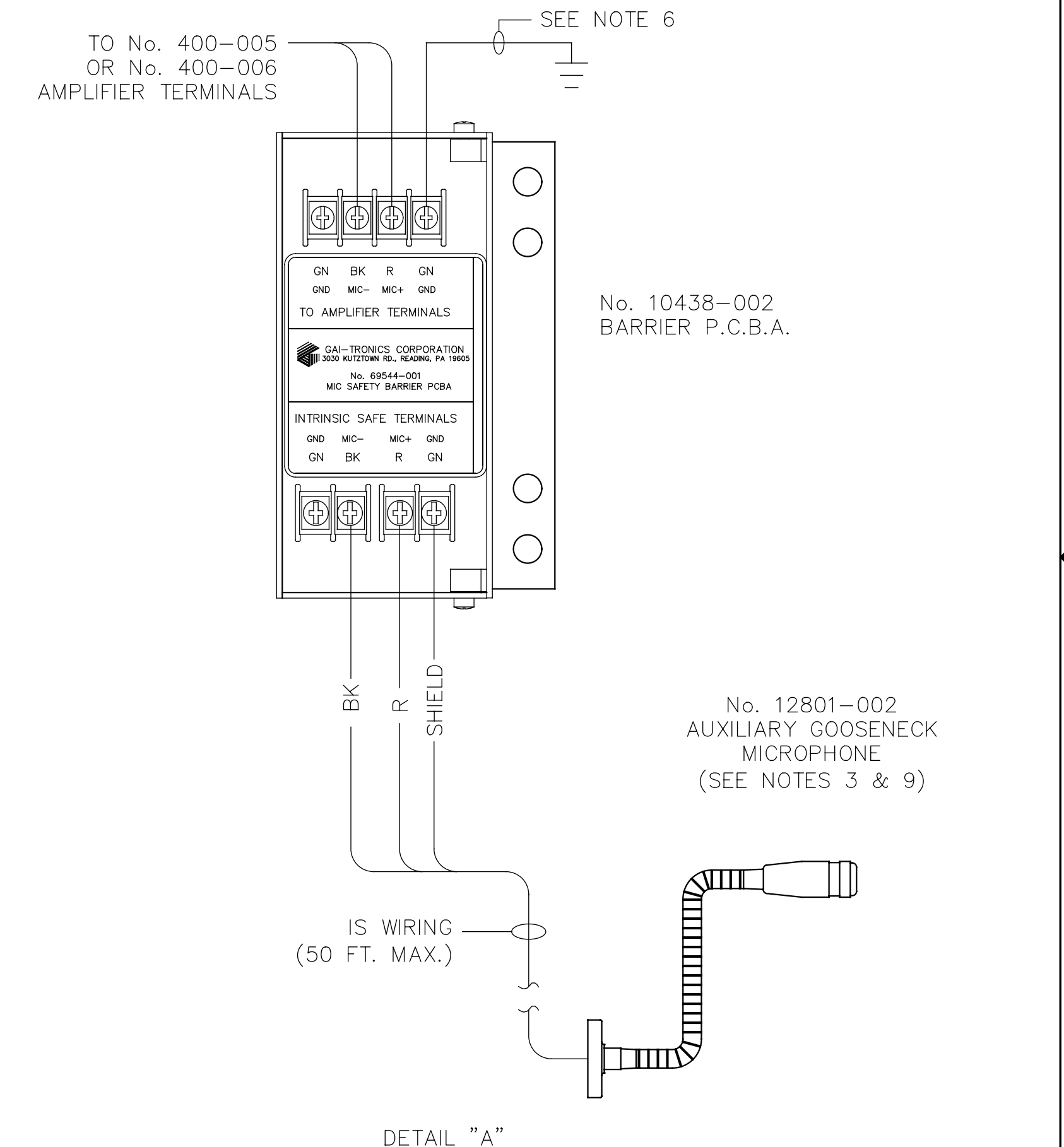
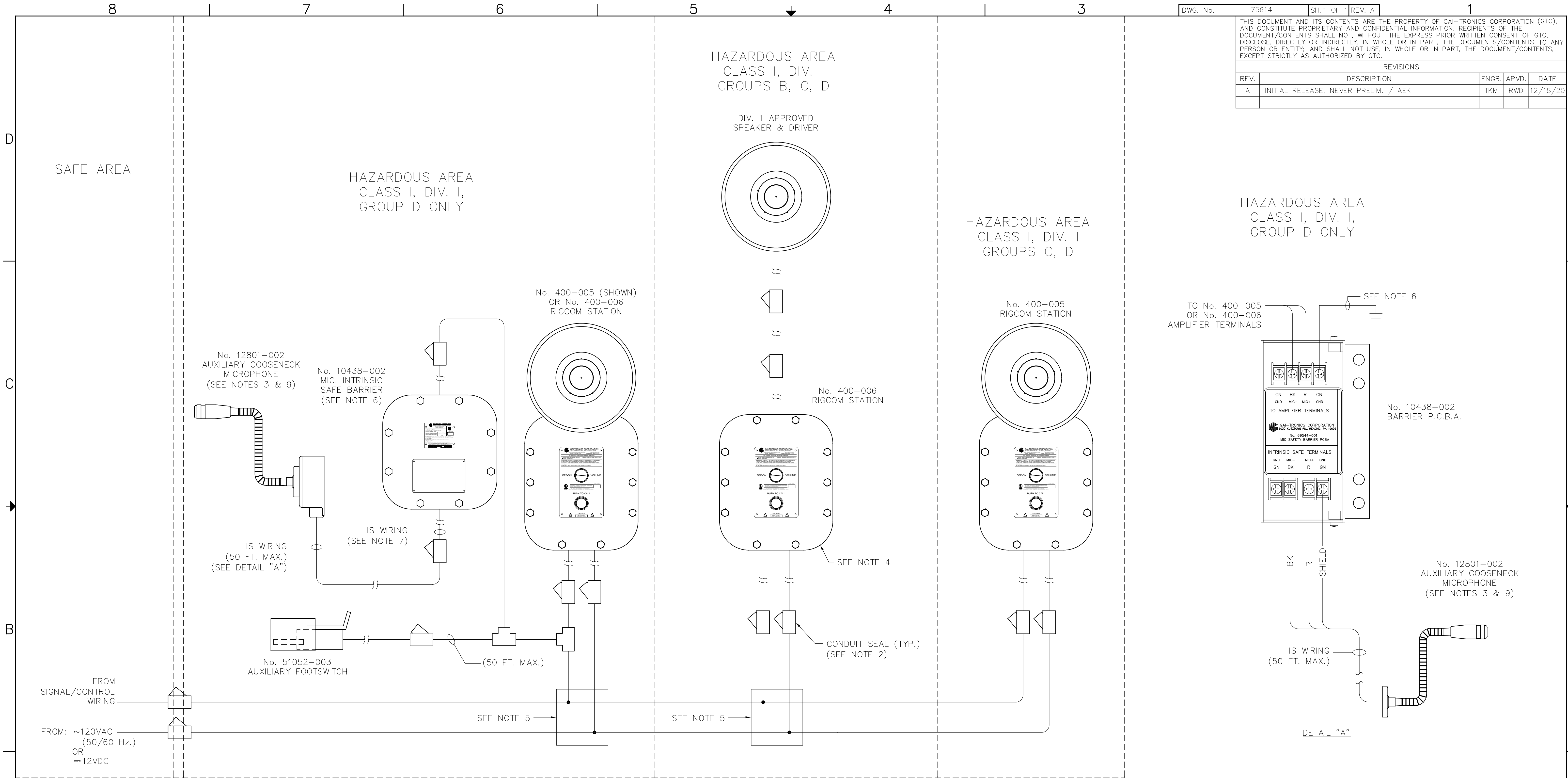


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| REVISIONS |                                      |       |              |
|-----------|--------------------------------------|-------|--------------|
| REV.      | DESCRIPTION                          | ENGR. | APVD. DATE   |
| A         | INITIAL RELEASE, NEVER PRELIM. / AEK | TKM   | RWD 12/18/20 |



NOTES:

- INSTALL EQUIPMENT IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES (NEC) & (NFPA70).
- SEAL FITTINGS MUST BE INSTALLED IN ACCORDANCE WITH ARTICLE 501.5 (A)1 THRU (A)4 OF THE NATIONAL ELECTRICAL CODE (NFPA70). CONDUIT SEALS MUST BE INSTALLED WITHIN 18 INCHES OF ENCLOSURE.
- THE INTRINSICALLY SAFE WIRING FOR THE OPTIONAL AUXILIARY MICROPHONE MUST BE IN ACCORDANCE WITH ARTICLE 504 OF THE NEC AND CANNOT EXCEED THE FOLLOWING SPECS.:  
MAX. ALLOWABLE CAPACITANCE (Ca) = 1000 uF  
MAX. ALLOWABLE INDUCTANCE (La) = 0.0415 H.
- SUPPLIED 1 K-OHM RESISTOR TO BE INSTALLED IN CENTER OF THE SYSTEM. ONLY 1 RESISTOR IS NEEDED PER SYSTEM.
- INSTALL JUNCTION BOX (CUSTOMER SUPPLIED) SUITABLE FOR THE APPLICABLE HAZARDOUS LOCATION.

- THE ASSOCIATED APPARATUS MUST BE CONNECTED TO A SUITABLE GROUND ELECTRODE PER THE NATIONAL ELECTRICAL CODE (ANSI/NFPA 70) OR OTHER STATE OR LOCAL INSTALLATION CODES, AS APPLICABLE. THE RESISTANCE OF THE GROUND PATH MUST BE LESS THAN 1 OHM.
- INTRINSICALLY SAFE CIRCUITS MUST BE WIRED AND SEPARATED IN ACCORDANCE WITH ARTICLE 504.20 OF THE NATIONAL ELECTRICAL CODE (ANSI/NFPA 70) OR OTHER STATE OR LOCAL CODES, AS APPLICABLE.
- CONTROL EQUIPMENT MUST NOT USE OR GENERATE MORE THAN 250 VRMS OR DC WITH RESPECT TO EARTH.
- No. 12801-002:  
(A) ELECTRICAL RATING: 5 mV AC RMS MAX., 2 mA AC MAX.  
(B) **WARNING** SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY  
(C) **WARNING** TO PREVENT IGNITION OF FLAMMABLE OR COMBUSTIBLE ATMOSPHERES, DISCONNECT POWER BEFORE SERVICING.

Pub. 42004-562A

|  |              |              |  |
|--|--------------|--------------|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>FRACTIONS DECIMALS ANGLES<br>± 1/64 .XX ±.02 ± 1°<br>.XXX ±.010 | JOB DWG. No. |              | GAI-TRONICS CORPORATION<br>READING, PA USA         |
|  | CONTRACT No. |              |  |
| MATERIAL   | APPROVALS    | DATE         | No. 400-005 & 400-006<br>RIGCOM<br>CONTROL DRAWING |
|  | DRAWN AEK    | 12/7/20      |  |
| FINISH   | ENGR. TKM    | 12/18/20     | SIZE FSCM NO. DWG. NO. 75614 REV. A                |
|  | APVD. RWD    | 12/18/20     |  |
| DO NOT SCALE DRAWING   | SCALE NONE   | SHEET 1 OF 1 |  |