

**INTRUSION ALARM CONTROL PANEL LAYOUT NOTES**

1. THE INTRUSION ALARM CONTROL PANEL SHALL BE LOCATED IN A GRAY ENCLOSURE CABINET.
2. PROVIDE THE SERVICE PHONE NUMBER STICKER ON THE SURFACE OF THE ICP.
3. PROVIDE 1361 TRANSFORMER CONNECTED TO A 120 VAC DUPLEX OUTLET FOR THE INTRUSION ALARM CONTROL PANEL (ICP). LABEL THE CIRCUIT BREAKER "INTRUSION ALARM CIRCUIT". THE LOCATION OF THE CIRCUIT DISCONNECT SHALL BE IDENTIFIED AT THE ICP. ALL CIRCUIT BREAKERS SHALL BE CLEARLY MARKED AND MECHANICALLY SECURED TO PREVENT ANY UNAUTHORIZED TAMPERING.
4. PROVIDE ONE (1) 12V BATTERY FOR THE INTRUSION ALARM CONTROL PANEL (ICP). SEE CALCULATIONS ON SHEET BA2 FOR AMP-HOUR REQUIREMENTS THE BATTERY SHALL BE INSTALLED WITHIN THE ICP CABINET.
5. COORDINATE INSTALLATION OF A GROUND ROD OR ACCEPTABLE BUILDING GROUND FOR PROPER GROUNDING OF THE ICP WITH THE ELECTRICAL CONTRACTOR.
6. PROVIDE TWO (2) MEANS OF SIGNAL TRANSMISSION TO THE OFF-SITE MONITORING FACILITY. PROVIDE A DEDICATED PHONE LINE FOR THE PRIMARY MEANS OF TRANSMISSION. THE SECONDARY MEANS SHALL UTILIZE A VOICE OVER INTERNET PROTOCOL (SESSION INITIATION PROTOCOL) CONNECTION TO OWNERS NETWORK. PROVIDE THE SERVICE PHONE NUMBER STICKER ON THE SURFACE OF THE ICP. PROVIDE THE SERVICE PHONE NUMBER USING DIRECTLY ON THE RJ-31X BOXES. COORDINATE ALL PROGRAMS, SIGNALS TRANSMISSION AND CONNECTIONS WITH THE OFF-SITE MONITORING COMPANY.
7. PROVIDE THE ASSOCIATED PHONE NUMBER USING PRINTED LABEL DIRECTLY ON THE RJ-31X.

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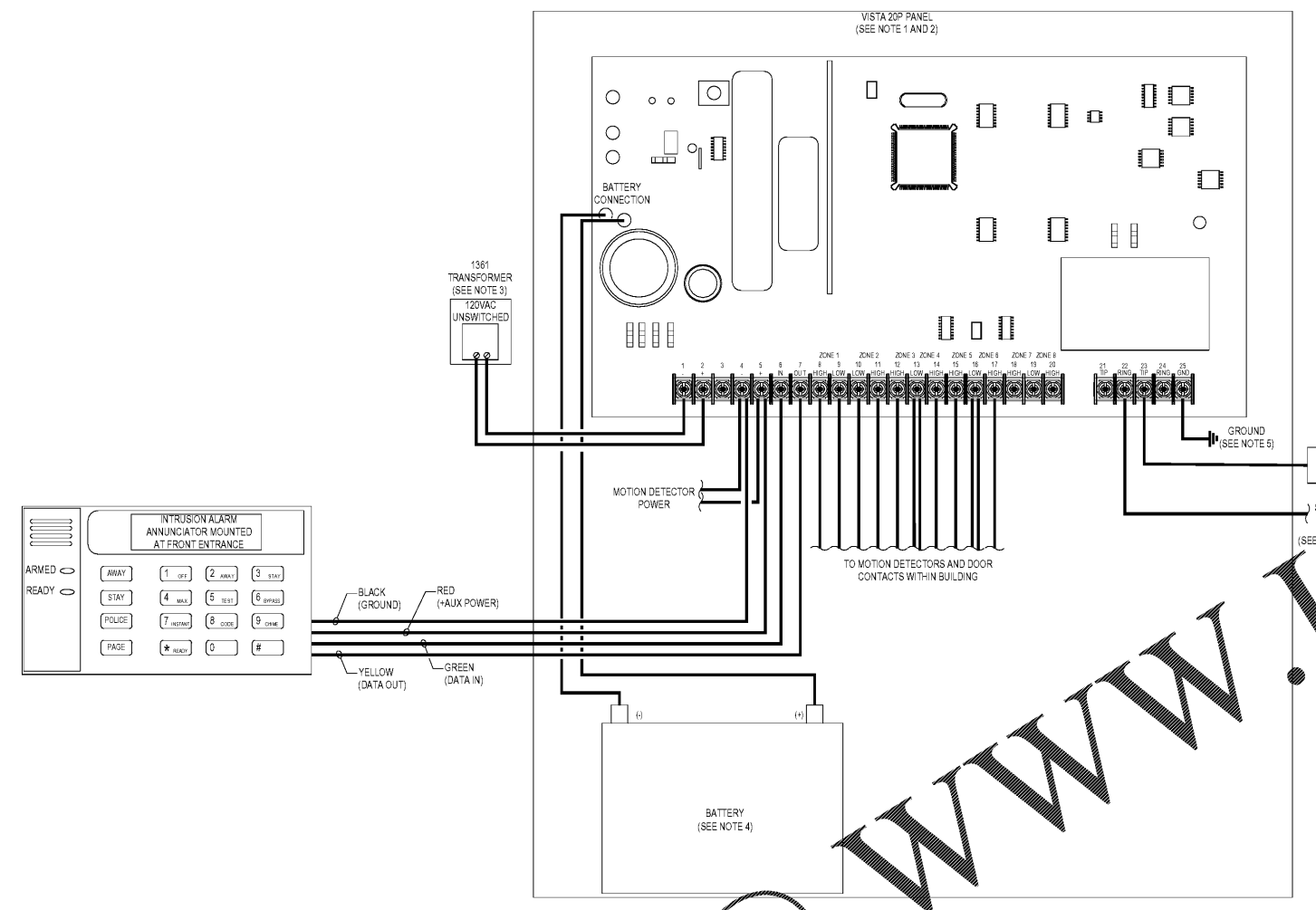
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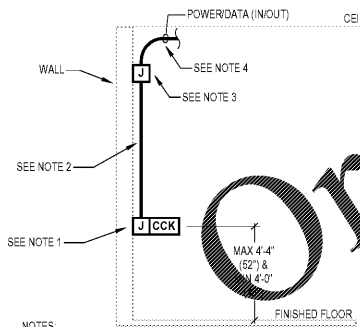
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 TO PERMIT: DATE: 12-20-19  
 TO BID: DATE: ##-##-##

SHEET TITLE:  
**INTRUSION ALARM CONTROL PANEL LAYOUT AND DETAILS**

SHEET NUMBER:  
**BA3**

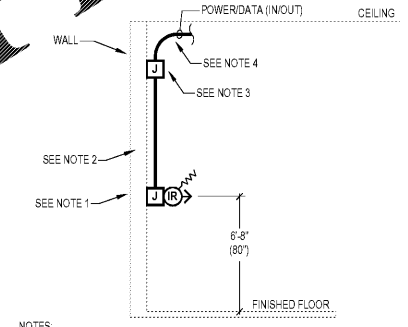


1 INTRUSION ALARM CONTROL PANEL LAYOUT  
 BA3 NOT TO SCALE



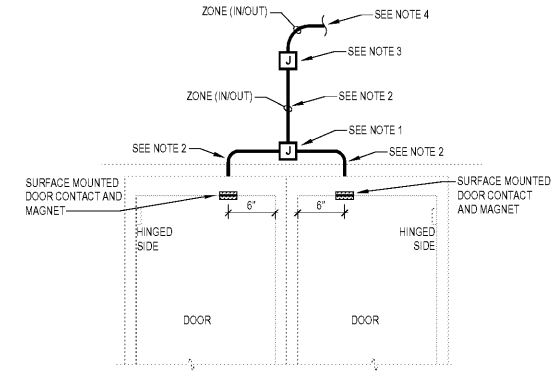
- NOTES:
1. PROVIDE AN APPROVED BACKBOX PER THE MANUFACTURER SPECIFICATIONS BETWEEN 48 INCHES AND 52 INCHES ABOVE FINISHED FLOOR.
  2. PROVIDE INTRUSION ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
  3. INTRUSION ALARM CABLING AND CONDUIT SHALL BE STUB-UP TO THE CEILING JOIST AREA 6 INCHES TO THE BOTTOM OF JOISTS AND TURN OUT WITH INSULATED BUSHING.
  4. PROVIDE EXPOSED CABLING PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE.
  5. COORDINATE EXACT MOUNTING LOCATION OF THE CCK WITH THE OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.

2 COMMAND CENTER KEYPAD DETAIL  
 BA3 NOT TO SCALE



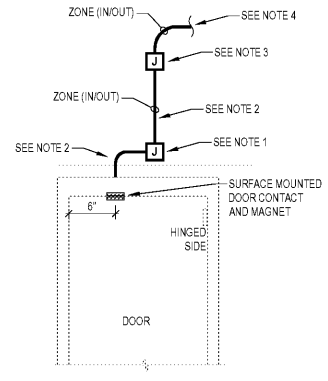
- NOTES:
1. PROVIDE AN APPROVED BACKBOX PER THE MANUFACTURER SPECIFICATIONS (RECOMMENDED TO BE INSTALLED AT 80 INCHES ABOVE FINISHED FLOOR).
  2. PROVIDE FIRE ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
  3. INTRUSION ALARM CABLING AND CONDUIT SHALL BE STUB-UP TO THE CEILING JOIST AREA 6 INCHES TO THE BOTTOM OF JOISTS AND TURN OUT WITH INSULATED BUSHING.
  4. PROVIDE EXPOSED CABLING PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE.
  5. COORDINATE EXACT MOUNTING LOCATION OF THE MOTION DETECTORS WITH THE OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.

3 PIR MOTION DETECTOR DETAIL  
 BA3 NOT TO SCALE



- NOTES:
1. INSTALL A RECESSED 4 INCH SQUARE BOX ABOVE CENTERED 4 INCHES ABOVE THE DOOR OPENING. PROVIDE A SURFACED MOUNTED COVER PLATE FOR JUNCTION BOX.
  2. PROVIDE INTRUSION ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
  3. INTRUSION ALARM CABLING AND CONDUIT SHALL BE STUB-UP TO THE CEILING JOIST AREA 8 INCHES TO THE BOTTOM OF JOISTS AND TURN OUT WITH INSULATED BUSHING.
  4. PROVIDE EXPOSED CABLING PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE.
  5. COORDINATE EXACT MOUNTING LOCATION OF THE DOOR CONTACTS WITH THE OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.

4 DOUBLE DOOR CONTACT DETAIL  
 BA3 NOT TO SCALE



- NOTES:
1. INSTALL A RECESSED 4 INCH SQUARE BOX ABOVE CENTERED 4 INCHES ABOVE THE DOOR OPENING. PROVIDE A SURFACED MOUNTED COVER PLATE FOR JUNCTION BOX.
  2. PROVIDE INTRUSION ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
  3. INTRUSION ALARM CABLING AND CONDUIT SHALL BE STUB-UP TO THE CEILING JOIST AREA 8 INCHES TO THE BOTTOM OF JOISTS AND TURN OUT WITH INSULATED BUSHING.
  4. PROVIDE EXPOSED CABLING PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE.
  5. COORDINATE EXACT MOUNTING LOCATION OF THE DOOR CONTACTS WITH THE OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.

5 SINGLE DOOR CONTACT DETAIL  
 BA3 NOT TO SCALE

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