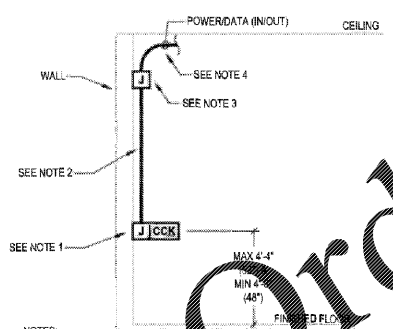


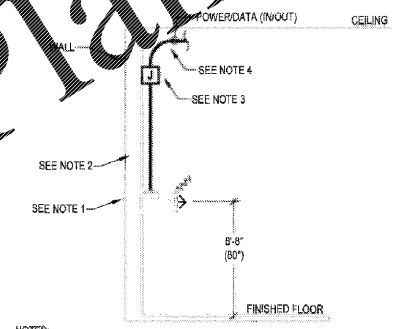
- INTRUSION ALARM CONTROL PANEL LAYOUT NOTES**
1. THE INTRUSION ALARM CONTROL PANEL SHALL BE LOCATED IN A GRAY ENCLOSURE CABINET.
  2. PROVIDE THE SERVICE PHONE NUMBER STICKER ON THE SURFACE OF THE ICP.
  3. PROVIDE 1361 TRANSFORMER CONNECTED TO A 120 VAC DUPLEX OUTLET FOR THE INTRUSION ALARM CONTROL 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 AND PS WITH THE ELECTRICAL CONTRACTOR.
  6. PROVIDE TWO (2) MEANS OF SIGNAL TRANSMISSION TO THE OFF-SITE MONITORING FACILITY. PROVIDE A DEDICATED LINE FOR THE PRIMARY MEANS OF TRANSMISSION. THE SECONDARY MEANS SHALL BE A VOICE OVER INTERNET PROTOCOL (SESSION AND PROTECTION PROTOCOL (SIP) CONNECTION TO OWNERS NETWORK) OR THE SERVICE PHONE NUMBER STICKER ON THE SURFACE OF THE ICP AND THE SERVICE PHONE NUMBER USING DIRECTLY ON THE RJ-31X BOXES. COORDINATE ALL PROGRAMMING, SIGNALS TRANSMISSION AND CONNECTIONS WITH THE OFF-SITE MONITORING COMPANY.
  7. PROVIDE THE SERVICE PHONE NUMBER USING PRINTED LABEL DIRECTLY ON THE RJ-31X BOXES.

1 INTRUSION ALARM CONTROL PANEL LAYOUT  
BA3 NOT TO SCALE



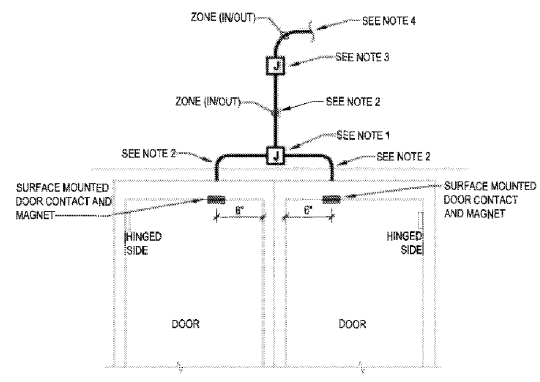
- NOTES:**
1. PROVIDE AN APPROVED BACKBOX PER THE MANUFACTURER SPECIFICATIONS BETWEEN 48 INCHES AND 52 INCHES ABOVE FINISHED FLOOR.
  2. PROVIDE INTRUSION ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
  3. INTRUSION ALARM CABLING AND CONDUIT SHALL BE STUB-UP TO THE 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 CK WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

2 COMMAND CENTER KEYPAD DETAIL  
BA3 NOT TO SCALE



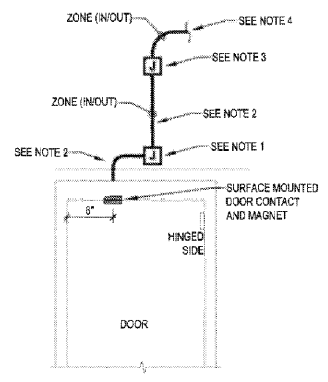
- NOTES:**
1. PROVIDE AN APPROVED BACKBOX PER THE MANUFACTURER SPECIFICATIONS (RECOMMENDED TO BE INSTALLED AT 80 INCHES ABOVE FINISHED FLOOR).
  2. PROVIDE FIRE ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
  3. INTRUSION ALARM CABLING AND CONDUIT SHALL BE STUB-UP 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 OWNER'S 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.
  2. PROVIDE A SURFACE MOUNTED COVER PLATE FOR JUNCTION BOX.
  3. PROVIDE INTRUSION ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
  4. 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.
  5. PROVIDE EXPOSED CABLING PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE.
  6. COORDINATE EXACT MOUNTING LOCATION OF THE DOOR CONTACTS WITH THE OWNER'S 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.
  2. PROVIDE A SURFACE MOUNTED COVER PLATE FOR JUNCTION BOX.
  3. PROVIDE INTRUSION ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
  4. 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.
  5. PROVIDE EXPOSED CABLING PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE.
  6. COORDINATE EXACT MOUNTING LOCATION OF THE DOOR CONTACTS WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

5 SINGLE DOOR CONTACT DETAIL  
BA3 NOT TO SCALE

**CCI**  
2043 WOODLAND PKWY, SUITE 300  
ST. LOUIS, MISSOURI 63146-4235  
314-991-2833  
www.codeconsultants.com

**Firestone**  
COMPLETE AUTO CARE

**NEW FCAC STORE**  
2020 I  
283 DAWSONVILLE HIGHWAY SW  
GAINESVILLE, GA 30501

**REGISTERED PROFESSIONAL ENGINEER**  
JACOB P. HEINKE  
11/11/2020  
**FIRE PROTECTION ENGINEER OF RECORD:**  
JACOB P. HEINKE, P.E.  
LICENSE NO. PE040093  
CODE CONSULTANTS, INC.  
2043 WOODLAND PKWY, SUITE 300  
ST. LOUIS, MO 63146-4235  
PHONE: 314-991-2833  
COMPONENTS CERTIFICATE OF AUTHORITY NO. PE000008

ISSUE BLOCK	
10/02/20	REV 2
11/13/20	IFC

PROPERTY NO: 180109  
6 DIGIT NO: 906074  
4 DIGIT NO: 7943  
AOR PROJECT NUMBER: 1955B55  
TO PERMIT: DATE: 04/08/20  
TO BID: DATE: ##-##-##

SHEET TITLE:  
INTRUSION ALARM CONTROL  
PANEL LAYOUT AND DETAILS

SHEET NUMBER:  
**BA3**