



FIRE ALARM CONTROL PANEL LAYOUT NOTES

1. THE FIRE ALARM CONTROL PANEL SHALL BE LOCATED IN A RED FIRE ENCLOSURE CABINET.
2. PROVIDE THE SERVICE PHONE NUMBER STICKER ON THE SURFACE OF THE FACP.
3. COORDINATE CONNECTIONS TO DEDICATED 120 VAC POWER CIRCUITS WITH THE ELECTRICAL CONTRACTOR. THE DEDICATED CIRCUIT DISCONNECT SHALL BE RED IN COLOR, LABELED "FIRE ALARM CIRCUIT", AND HAVE A LOCKABLE TAB. ALL FIRE ALARM CIRCUIT BREAKERS SHALL BE CLEARLY MARKED AND MECHANICALLY SECURED TO PREVENT ANY UNAUTHORIZED TAMPERING. IDENTIFY THE LOCATION OF THE CIRCUIT DISCONNECT AT THE FACP. COORDINATE EXACT MOUNTING LOCATION OF CONTROL PANEL WITH THE OWNER'S REPRESENTATIVE AND ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
4. PROVIDE TWO (2) 12V BATTERIES WIRED IN SERIES FOR THE FIRE ALARM CONTROL PANEL (FACP). SEE CALCULATIONS ON SHEET FA2 FOR AMP-HOUR REQUIREMENTS. THE BATTERY SHALL BE INSTALLED IN THE FACP ENCLOSURE.
5. COORDINATE INSTALLATION OF A GROUNDING OR ACCEPTABLE BUILDING GROUND FOR PROPER GROUNDING OF THE FACP 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 (VOIP/SIP)) CONNECTION TO OWNERS. PROVIDE THE SERVICE PHONE NUMBER STICKER ON THE SURFACE OF THE FACP. THE ASSOCIATED PHONE NUMBER USING DIRECTLY ON THE RJ-31X BOXES. COORDINATE THE PROGRAMMING, SIGNALS TRANSMISSION AND CONNECTIONS WITH THE OFF-SITE MONITORING COMPANY.
7. THE ASSOCIATED PHONE NUMBER USING PRINTED LABEL DIRECTLY ON THE RJ-31X BOXES.

- NOTES**
1. LOCATE THE FIRE ALARM CONTROL PANEL, INTRUSION ALARM CONTROL PANEL AND DOCUMENTATION IN THE CONFIGURATION SHOWN ABOVE. IF THIS LAYOUT CAN NOT BE FOLLOWED, CONTRACTOR SHALL IMMEDIATELY BRING TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE AND FIRE PROTECTION ENGINEER (C) FOR RESOLUTION.
 2. VERIFY THE CONTROL PANEL LAYOUT WITH THE OWNER'S REPRESENTATIVE AND ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
 3. THE CONTROL PANELS SHALL BE LOCATED ON A BACKBOARD. THE BACKBOARD IS PROVIDED AND INSTALLED BY OTHERS.
 4. PROVIDE HARDWIRED CONNECTIONS TO THE FIRE ALARM CONTROL PANEL UTILIZING THE DEDICATED 120 VAC FIRE ALARM CIRCUIT.
 5. PROVIDE A 08004 ENCLOSURE FOR THE INTRUSION DUPLEX RECEPTACLE. COORDINATE INSTALLATION OF DUPLEX RECEPTACLES WITH THE ELECTRICAL CONTRACTOR CONNECTED TO A 120 VAC CIRCUIT FOR THE INTRUSION ALARM SYSTEM. REFER TO THE 08004 TRANSFORMER ENCLOSURE INSTALLATION INSTRUCTIONS FOR FURTHER DETAIL.
 6. PROPERLY SECURE AND SCREW THE INTRUSION ALARM CONTROL PANEL TRANSFORMER INTO DUPLEX RECEPTACLES TO PREVENT UNAUTHORIZED PERSONNEL FROM UNPLUGGING.
 7. ALL CABLING INDICATED IN THIS DETAIL SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.
 8. PROVIDE A DOCUMENTATION CABINET ADJACENT TO THE FIRE ALARM CONTROL PANEL TO HOUSE ALL SYSTEM DOCUMENTS IN ACCORDANCE WITH NFPA 72. SYSTEM DOCUMENTS SHALL INCLUDE (AT A MINIMUM) RECORD DRAWINGS, EQUIPMENT DATA SHEETS, SOFTWARE AND FIRMWARE CONTROL DOCUMENTATION. THE DOCUMENTATION CABINET SHALL BE PROMINENTLY LABELED "SYSTEM RECORD DOCUMENTS", AND SHALL BE ACCESSIBLE BY AUTHORIZED PERSONNEL ONLY AND PROTECTED FROM PUBLIC ACCESS.

TYPICAL CONTROL PANEL LAYOUT
NOT TO SCALE

FIRE ALARM CONTROL PANEL LAYOUT
NOT TO SCALE

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Firestone
COMPLETE AUTO CARE

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ISSUE BLOCK	
DATE	REV #
01/06/20	

PROPERTY NO.: 317910
6 DIGIT NO.: 799862
4 DIGIT NO.: 013K
AOR PROJECT NUMBER: 1965867
TO PERMIT: DATE: 12-20-19
TO B/C: DATE: ##-##-##

SHEET TITLE:
FIRE ALARM CONTROL PANEL LAYOUT
SHEET NUMBER:
FA4