



- 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 OWNERS 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 GROUND FOR ACCEPTABLE BUILDING GROUND FOR PROPER GROUNDING OF THE FACP WITH THE ELECTRICAL CONTRACTOR.
  6. PROVIDE TWO (2) MEANS OF REMOTE TRANSMISSION TO THE OFF-SITE MONITORING FACILITY. PROVIDE A DEDICATED PHONE LINE FOR THE PRIMARY MEANS OF TRANSMISSION. THE SECOND MEANS SHALL UTILIZE A CELLULAR COMMUNICATOR. PROVIDE THE SERVICE PHONE NUMBER STICKER ON THE SURFACE OF THE FACP AND THE ASSOCIATED PHONE NUMBER USING DIRECTLY ON THE PHONE BOXES. COORDINATE ALL PROGRAMMING, SIGNALS TRANSMISSION AND CONNECTIONS WITH THE OFF-SITE MONITORING COMPANY.
  7. PROVIDE THE ASSOCIATED PHONE NUMBER USING PRINTED LABEL DIRECTLY ON THE PHONE BOXES.
  8. PROVIDE A CELLULAR COMMUNICATOR (FIRE-LITE HMF2-COM) FOR THE SECONDARY MEANS OF TRANSMISSION TO THE REMOTE SUPERVISING STATION. MOUNT THE CELLULAR COMMUNICATOR AT A LOCATION WITH ACCEPTABLE SIGNAL STRENGTH FROM THE WIRELESS NETWORK CONNECTION. COORDINATE ALL PROGRAMMING, SIGNALS TRANSMISSION AND CONNECTIONS WITH THE OFF-SITE MONITORING STATION.
  9. PROVIDE ONE (1) 7AMP BATTERY FOR THE CELLULAR COMMUNICATOR AS REQUIRED BY THE MANUFACTURER.
  10. PROVIDE A MEANS TO MONITOR THE CELLULAR COMMUNICATOR FOR TROUBLE. COORDINATE ALL PROGRAMMING, SIGNALS TRANSMISSION AND CONNECTIONS WITH THE OFF-SITE MONITORING STATION.

1 FIRE ALARM CONTROL PANEL LAYOUT  
FA4 NOT TO SCALE

2 CELLULAR COMMUNICATOR LAYOUT  
FA4 NOT TO SCALE

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11/11/2020  
**FIRE PROTECTION ENGINEER OF RECORD:**  
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LIC# 06 196483  
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PHONE: 314-981-2633  
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**ISSUE BLOCK**

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|----------|-------|
| 10/02/20 | REV 2 |
| 11/13/20 | IFC   |

PROPERTY NO.: 160109  
6 DIGIT NO.: 908074  
4 DIGIT NO.: 7843  
ACR PROJECT NUMBER: 1955685  
TO PERMIT DATE: 04/09/20  
TO BIC DATE: ##-##-##

SHEET TITLE:  
FIRE ALARM CONTROL PANEL LAYOUT

SHEET NUMBER:  
**FA4**