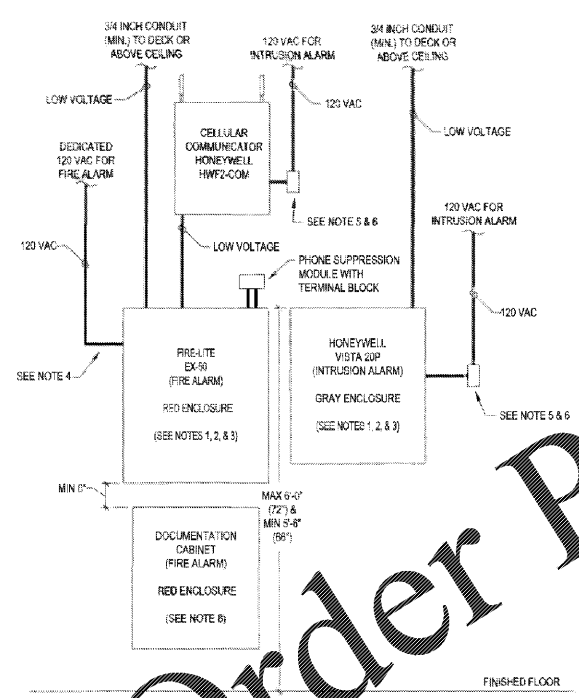


NOTES:

- COORDINATE EXACT MOUNTING HEIGHT OF CONTROL PANELS WITH THE OWNER'S REPRESENTATIVE, ELECTRICAL CONTRACTOR, AND AHU PRIOR TO INSTALLATION.
- COORDINATE EXACT MOUNTING HEIGHT OF ANNUNCIATOR AT THE FRONT ENTRANCE WITH THE OWNER'S REPRESENTATIVE, ELECTRICAL CONTRACTOR, AND AHU PRIOR TO INSTALLATION.
- COORDINATE EXACT MOUNTING HEIGHT OF MANUAL PULL STATION WITH THE OWNER'S REPRESENTATIVE, ELECTRICAL CONTRACTOR, AND AHU PRIOR TO INSTALLATION. MEASURED TO THE OPERABLE PART OF THE PULL STATION.
- WHERE REQUIRED, LOCATE CEILING MOUNTED SMOKE DETECTORS ON THE BOTTOM OF DECK (NOT ON BOTTOM OF STRUCTURAL MEMBERS), AND AS INDICATED IN NFPA 72. THE SMOKE DETECTORS AND FIRE ALARM CABLING SHALL BE INSTALLED AND SUPPORTED A MINIMUM 1-1/2 INCHES FROM THE LOWEST SURFACE OF THE ROOF DECKING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE.
- MOUNT THE REMOTE TEST STATION / ANNUNCIATORS ON AN ADJACENT COLUMN OR WALL AND AT AN ACCESSIBLE LOCATION THAT DOES NOT CONFLICT WITH STORE FIXTURES. COORDINATE EXACT MOUNTING LOCATION AND HEIGHT OF THE REMOTE TEST STATIONS / ANNUNCIATOR WITH THE OWNER'S REPRESENTATIVE, ELECTRICAL CONTRACTOR, AND AHU PRIOR TO INSTALLATION.
- THE DOCUMENTATION CABINET SHALL BE INSTALLED WITHIN SIX (6) INCHES FROM THE BOTTOM OF THE FIRE ALARM CONTROL PANEL CABINET. COORDINATE EXACT MOUNTING LOCATION AND HEIGHT OF THE DOCUMENTATION CABINET WITH THE OWNER'S REPRESENTATIVE AND LOCAL AHU PRIOR TO INSTALLATION.
- COORDINATE EXACT MOUNTING LOCATION AND HEIGHT OF THE EXTERIOR NOTIFICATION APPLIANCE WITH THE WITH THE OWNER'S REPRESENTATIVE, ELECTRICAL CONTRACTOR, AND AHU PRIOR TO INSTALLATION.

1 TYPICAL FIRE ALARM MOUNTING HEIGHT DETAIL

FA3 NOT TO SCALE

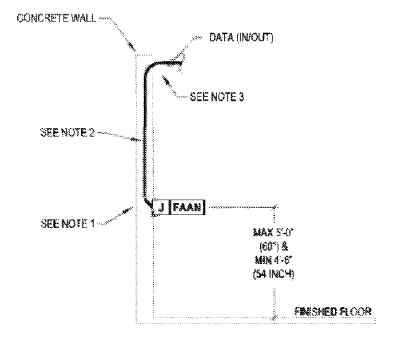


NOTES:

- 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 (FCPE) FOR RESOLUTION.
- VERIFY THE CONTROL PANEL LAYOUT WITH THE OWNER'S REPRESENTATIVE AND ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
- THE CONTROL PANELS SHALL BE LOCATED ON A BACKBOARD. THE BACKBOARD IS PROVIDED AND INSTALLED BY OTHERS.
- PROVIDE HARDWIRED CONNECTIONS TO THE FIRE ALARM CONTROL PANEL UTILIZING THE DEDICATED 120 VAC FIRE ALARM CIRCUIT.
- PROVIDE A DEDICATED ENCLOSURE FOR THE DUPLEX RECEPTACLE. COORDINATE INSTALLATION OF DUPLEX RECEPTACLES WITH THE ELECTRICAL CONTRACTOR CONNECTED TO A 120 VAC CIRCUIT FOR THE SYSTEM. REFER TO THE DEDICATED TRANSFORMER ENCLOSURE INSTALLATION INSTRUCTIONS FOR FURTHER DETAIL.
- PROPERLY SECURE AND SCREW THE TRANSFORMER INTO DUPLEX RECEPTACLES TO PREVENT UNAUTHORIZED PERSONNEL FROM UNPLUGGING.
- ALL CABLING INDICATED IN THIS DETAIL SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.
- 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.

8 TYPICAL CONTROL PANEL LAYOUT

FA3 NOT TO SCALE

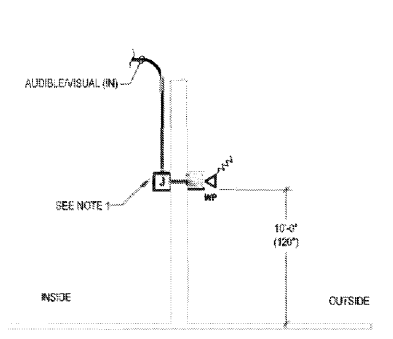


NOTES:

- PROVIDE AN APPROVED BACKBOX PER THE MANUFACTURER SPECIFICATIONS BETWEEN 54 INCHES AND 60 INCHES ABOVE FINISHED FLOOR.
- PROVIDE FIRE ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
- PROVIDE FIRE ALARM CABLING STUB-UP INTO CEILING JOIST AREA 6 INCHES ABOVE CEILING OR BOTTOM OF JOISTS AND TURN-OUT WITH INSULATED BUSHING.

2 FIRE ALARM ANNUNCIATOR DETAIL

FA4 NOT TO SCALE

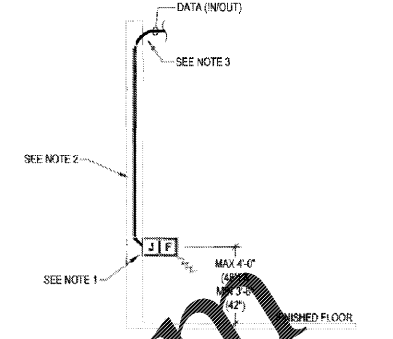


NOTES:

- PROVIDE A BACK BOX PER THE MANUFACTURER SPECIFICATIONS ON THE INSIDE WALL AT 10 FEET ABOVE FINISHED FLOOR. STUB A CONDUIT THROUGH EXTERIOR WALL TO NOTIFICATION APPLIANCE SURFACE MOUNTED BACKBOX.

3 WEATHERPROOF EXTERIOR NOTIFICATION DETAIL

FA4 NOT TO SCALE

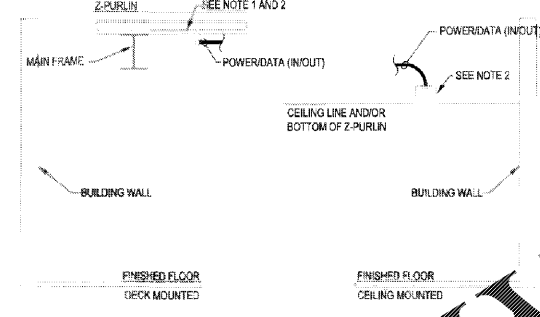


NOTES:

- PROVIDE AN APPROVED BACKBOX PER THE MANUFACTURER SPECIFICATIONS BETWEEN 48 INCHES AND 54 INCHES ABOVE FINISHED FLOOR.
- CONDUIT NOT ACCEPTABLE.
- PROVIDE FIRE ALARM CABLING WITHIN 1/2 INCH CONDUIT INSIDE WALL (EXPOSED CONDUIT NOT ACCEPTABLE).
- PROVIDE FIRE ALARM CABLING STUB-UP INTO CEILING JOIST AREA 6 INCHES ABOVE CEILING OR BOTTOM OF JOISTS AND TURN-OUT WITH INSULATED BUSHING.

4 MANUAL PULL STATION DETAIL

FA4 NOT TO SCALE

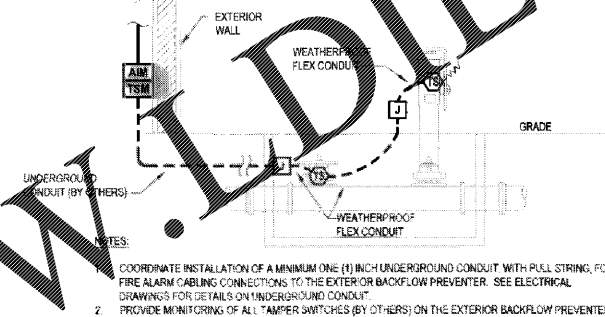


NOTES:

- PROVIDE AN APPROVED BACKBOX PER THE MANUFACTURER SPECIFICATIONS ON BOTTOM DECK, AWAY FROM OBSTRUCTIONS, AND AS INDICATED ON FLOOR PLANS.
- THE SMOKE DETECTOR AND FIRE ALARM CABLING SHALL BE INSTALLED AND SUPPORTED A MINIMUM 1-1/2 INCHES FROM THE LOWEST SURFACE OF THE ROOF DECKING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE.

5 SMOKE DETECTOR DETAIL

FA3 NOT TO SCALE

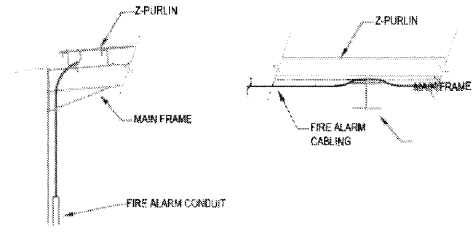


NOTES:

- COORDINATE INSTALLATION OF A MINIMUM ONE (1) INCH UNDERGROUND CONDUIT WITH PULL STRING, FOR FIRE ALARM CABLING CONNECTIONS TO THE EXTERIOR BACKFLOW PREVENTER. SEE ELECTRICAL DRAWINGS FOR DETAILS ON UNDERGROUND CONDUIT.
- PROVIDE MONITORING OF ALL TAMPER SWITCHES (BY OTHERS) ON THE EXTERIOR BACKFLOW PREVENTER. COORDINATE WIRING CONNECTIONS WITH THE GENERAL CONTRACTOR AND SITE CIVIL CONTRACTOR.
- PROVIDE TRANSPARENT SUPPRESSION ON ALL FIRE ALARM CIRCUITS LOCATED IN UNDERGROUND CONDUIT. PROVIDE ONE (1) TRANSPARENT SUPPRESSION MODULE FOR EACH FIRE ALARM CIRCUIT.
- FIRE ALARM CABLING IN UNDERGROUND CONDUIT SHALL BE LISTED FOR WET LOCATIONS.
- THE EXTERIOR JUNCTION BOXES SHALL BE TAMPER-RESISTANT SCREWS OR OTHER APPROVED MECHANICAL MEANS FOR PREVENTING ACCESS TO JUNCTION BOXES AND DEVICE COVERS INSTALLED OUTSIDE OF THE BUILDING IN ACCORDANCE WITH NFPA 72.

6 EXTERIOR BACKFLOW MONITORING DETAIL

FA3 NOT TO SCALE

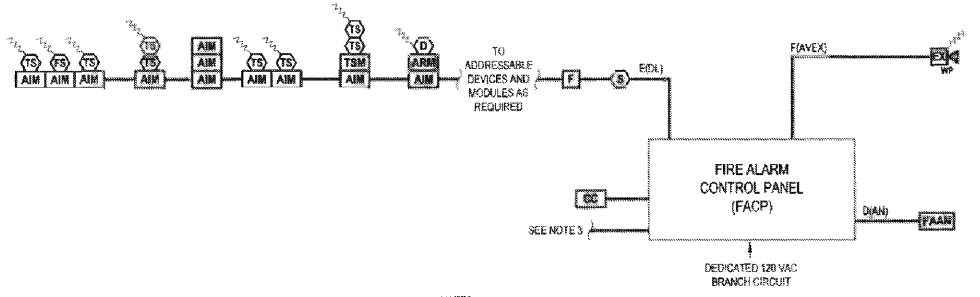


NOTES:

- ALL OPEN FIRE ALARM CABLING SHALL BE CONCEALED FROM PUBLIC VIEW.
- ROUTE ALL OPEN CABLE OVER SOLID MAIN FRAME STRUCTURE.

7 OPEN FIRE ALARM CABLING DETAIL

FA3 NOT TO SCALE



NOTES:

- PROVIDE DEDICATED 120 VAC CIRCUITS AND BATTERY BACKUP IN THE FACP.
- PROVIDE SYNCHRONIZATION OF ALL REQUIRED VISUAL NOTIFICATION APPLIANCES AND CIRCUITS THROUGHOUT THE STORE.
- 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 CELLULAR COMMUNICATOR.
- PROVIDE ALL REQUIRED CIRCUITS, MODULES AND CONNECTIONS TO CONTROL AUDIBLE AND VISUAL NOTIFICATION APPLIANCES.
- PROVIDE SUPERVISION OF ALL 120 VAC POWER AND ALL NOTIFICATION APPLIANCE CIRCUITS.

9 TYPICAL FIRE ALARM SYSTEM RISER DIAGRAM

FA3 NOT TO SCALE

CCI

2043 WOODLAND PKWY, SUITE 300
ST. LOUIS, MISSOURI 63146-4205
314-991-2633
www.cci-construction.com

Firestone COMPLETE AUTO CARE™

THIS BRAND IS THE PROPERTY OF FIRESTONE RETAIL OPERATIONS, LLC AND IS LOANED TO THE EXPRESS CONSTRUCTION THAT IT IS NOT TO BE USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF FIRESTONE RETAIL OPERATIONS, LLC. FIRESTONE RETAIL OPERATIONS, LLC IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED IN THIS DRAWING. BY ACCEPTING THIS DRAWING, THE CONTRACTOR AGREES TO THE DRAWING BY FIRESTONE RETAIL OPERATIONS, LLC.

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

REGISTERED PROFESSIONAL ENGINEER
JACOB P. HEMME
11/11/2020

FIRE PROTECTION ENGINEER OF RECORD:
JACOB P. HEMME, PE
LICENSE NO. PE48190

2043 WOODLAND PKWY, SUITE 300
ST. LOUIS, MO 63146-4205
PHONE: 314-991-2633
CORPORATE CERTIFICATE OF AUTHORITY NO. 1078989

ISSUE BLOCK	
10/02/20	REV 2
11/13/20	IFC
PROPERTY NO.:	180109
6 DIGIT NO.:	9C8074
4 DIGIT NO.:	7813
ACR PROJECT NUMBER:	1955956
TO PERMIT DATE:	04/08/20
TO BID DATE:	##-##-##
SHEET TITLE:	
FIRE ALARM DETAILS	
SHEET NUMBER:	
FA3	