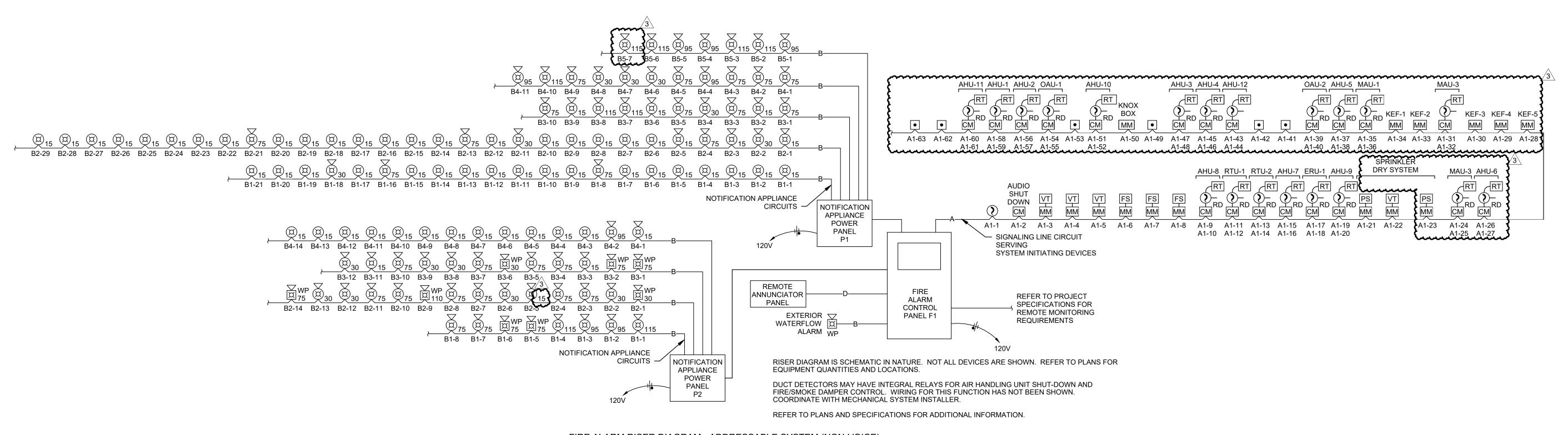


EXISTING SEQUENCE OF OPERATION TO REMAIN. REFER HERE WHERE GUIDANCE IS NEEDED. CONTRACTOR TO PROVIDE ALL NECESSARY EQUIPMENT AND CONNECTIONS REQUIRED TO ACCOMPLISH THE FUNCTIONS INDICATED, AT MINIMUM. SEQUENCE OF OPERATIONS INDICATED IS SCHEMATIC. MODIFY TO SUIT CONDITIONS AND MEET APPLICABLE CODE REQUIREMENTS.

2 FIRE ALARM SEQUENCE OF OPERATIONS NTS



FIRE ALARM GENERAL NOTES:

- PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER AND/OR OWNER OF CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE NFPA STANDARDS. SYSTEM SHALL ALSO MEET ALL APPLICABLE BUILDING CODES, FIRE CODES AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER. VERIFY REQUIREMENTS PRIOR TO BID SUBMITTAL.
- INFORMATION ON CONTRACT DOCUMENTS IS GENERAL INFORMATION AND FOR BID PURPOSES ONLY. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE FINAL SYSTEM DESIGN AND LAYOUT OF ALL COMPONENTS, COORDINATION WITH ALL OTHER TRADES, AND SYSTEM CALCULATIONS REQUIRED FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION, ENGINEER, AND OWNER'S INSURER.
- THE CONTRACTOR SHALL FOLLOW THE ENGINEER OF RECORD'S SYSTEM DESIGN AND LAYOUT OF ALL COMPONENTS EXCEPT WHERE MODIFICATION TO THE DESIGN IS NECESSARY. MODIFICATIONS SHALL BE REFLECTED IN THE CONTRACTOR'S SHOP DRAWINGS AND CALCULATIONS.
- DEVIATIONS FROM ENGINEER'S DESIGN WILL NOT BE CONSIDERED UNLESS A FORMALLY SUBMITTED RFI IS RECEIVED AND APPROVED.
- THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT AND LABOR REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM AS INDICATED IN THE DRAWINGS AND SPECIFICATIONS.
- PROVIDE ADDITIONAL MATERIALS AND LABOR REQUIRED DUE TO LACK OF COORDINATION OR TO MEET AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
- FORWARD COMPLETED CERTIFICATE OF COMPLETION AND CONTRACTOR MATERIAL TEST CERTIFICATES TO THE OWNER.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

FIRE	ALARM SY	/MB	OLS			
THIS IS	A MASTER LEGEND AI	TON DN	ALL SYMBOLS OR ABBR	EVIATIONS	ARE USED.	
ABBREVIATIONS					FIRE ALARM	
AFF AFG CD DI ESFR ETR FHC FP GC GPM JB/J-BOX MAX MIN	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE CANDELA DUCTILE IRON EARLY SUPPRESSION FAST RESPONSE EXISTING TO REMAIN FIRE HOSE CABINET FIRE PROTECTION CONTRACTOR GALLONS PER MINUTE JUNCTION BOX MAXIMUM MINIMUM	NIC OC PIV PROVIE PRV RD REV SD SF TYP UNO V	NOT IN CONTRACT ON CENTER POST INDICATOR VALVE DE FURNISH AND INSTALL PRESSURE REDUCING VALVE RETURN DUCT REVISION SUPPLY DUCT SQUARE FEET TYPICAL UNLESS NOTES OTHERWISE VOLT(S) WATTS	FACP FAP FAP AMP RPS RT	FIRE ALARM CONTROL PANEL/UNIT RECESSED FIRE ALARM CONTROL PANEL/UN FIRE ALARM ANNUNCIATOR PANEL RECESSED FIRE ALARM ANNUNCIATOR PANI AMPLIFIER PANEL REMOTE POWER SUPPLY REMOTE TEST STATION WITH INDICATING LICE	
N/A	NOT APPLICABLE	WP	WEATHERPROOF	RL	REMOTE INDICATING LIGHT	
ANNOTATION					PRESSURE SWITCH LOW/HIGH	
(1)	FIRE PROTECTION PLAN	NOTE CAL	LOUT	FS	WATERFLOW ALARM SWITCH	
•	CONNECTION POINT OF N	NEW WORK	K TO EXISTING	VT DH	CONTROL VALVE TAMPER SWITCH MAGNETIC DOOR HOLD OPEN DEVICE	
1 F1	DETAIL REFERENCE UPPER NUMBER INDICATES DETAIL NUMBER LOWER NUMBER INDICATES SHEET NUMBER			CM MM	CONTROL MODULE MONITOR MODULE	

120"

SECTION CUT DESIGNATION DEDICATED EQUIPMENT ACCESS TILE ACCESS PANEL

STANDARD MOUNTING HEIGHTS AUDIBLE APPLIANCE (TOP OF APPLIANCE) FIRE ALARM ANNUNCIATOR PANEL (TOP OF DISPLAY) FIRE ALARM BELL (EXTERIOR) (CENTERLINE) FIRE ALARM CONTROL PANEL/UNIT (TOP OF DISPLAY) PULL STATION (TOP OF DEVICE) VISIBLE APPLIANCE (CENTERLINE)

INSTALL DEVICES AT THE MOUNTING HEIGHTS SHOWN ABOVE UNO IN THE CONSTRUCTION DOCUMENTS. MOUNTING HEIGHTS LISTED ABOVE, OR ELSEWHERE IN THE CONSTRUCTION DOCUMENTS, ARE AFF OR AFG, UNO. ALL DEVICES SHALL BE INSTALLED IN COMPLIANCE WITH CURRENT ADA AND LOCAL REQUIREMENTS.

	CIRCUIT SCI	HEDULE / WIRING LEGEND	
CIRCUIT DESIGNATION	CIRCUIT ORIGINATION	CIRCUIT DESCRIPTION	CIRCUIT CLASS
А	FACP	ONE #16/2 AWG FPLP CABLE - BELDEN 6220FK OR EQUIVALENT FOR SIGNALING LINE CIRCUIT	CLASS B
В	FACP/ RPS#1 /RPS#2	ONE #14/2 AWG FPLP CABLE - BELDEN 6120UJ OR EQUIVALENT FOR NOTIFICATION APPLIANCE CIRCUIT	CLASS B
С	FACP	ONE #14/2 AWG FPLP CABLE - BELDEN 6120UJ OR EQUIVALENT FOR INITIATING DEVICE CIRCUIT	CLASS B
D	FACP	ONE #16/2 AWG FPLP CABLE - BELDEN 6220FK OR EQUIVALENT FOR FIRE ALARM ANNUNCIATOR PANEL	CLASS B
E	FACP	ONE #14/2 AWG FPLP CABLE - BELDEN 6120UJ OR EQUIVALENT FOR 24VDC POWER CIRCUIT	CLASS B
	CIR	TIFICATION CIRCUIT/INITIATING CIRCUIT CUIT NUMBER VICE NUMBER ON CIRCUIT	

•						
SHEET IN	SHEET INDEX					
FA0.0	FIRE ALARM GENERAL NOTES AND LEGEND					
FA1.00	FIRE ALARM OVERALL PLAN					
FA1.01	FIRE ALARM FLOOR PLAN - AREA A					
FA1.02	FIRE ALARM FLOOR PLAN - AREA B					
FA1.03	FIRE ALARM FLOOR PLAN - AREA C					
FA1.04	FIRE ALARM FLOOR PLAN - AREA D					
FA2.00	FIRE ALARM CALCULATIONS					

N1:C1-07

V2.02 UNIT NEL LIGHT HEAT DETECTOR (E INDICATES ELEVATOR RECALL) SMOKE DETECTOR (E INDICATES ELEVATOR RECALL)

SINGLE STATION SMOKE DETECTOR PROJECTED BEAM SMOKE DETECTOR DUCT MOUNTED SMOKE DETECTOR (SD=SUPPLY/RD=RETURN) CARBON MONOXIDE DETECTOR AREA OF REFUGE 2-WAY COMMUNICATION SYSTEM

WALL MOUNTED AUDIBLE NOTIFICATION APPLIANCE #W INDICATES WATTAGE (VOICE EVACUATION SYSTEMS ONLY) WALL MOUNTED VISIBLE NOTIFICATION APPLIANCE ## INDICATES CANDELA

FIRE DEPARTMENT KEY BOX

FIREFIGHTER'S PHONE JACK

PULL STATION

WALL MOUNTED AUDIBLE/VISIBLE NOTIFICATION APPLIANCE ## INDICATES CANDELA #W INDICATES WATTAGE (VOICE EVACUATION SYSTEMS ONLY) CEILING MOUNTED AUDIBLE NOTIFICATION APPLIANCE

#W INDICATES WATTAGE (VOICE EVACUATION SYSTEMS ONLY)

CEILING MOUNTED VISIBLE NOTIFICATION APPLIANCE © ## INDICATES CANDELA CEILING MOUNTED AUDIBLE/VISIBLE NOTIFICATION APPLIANCE

INDICATES CANDELA #W INDICATES WATTAGE (VOICE EVACUATION SYSTEMS ONLY) END OF LINE RESISTOR

ABORT SWITCH

CALL OUTS

Buc-ee's Benton, LLC

Saline County, AR TEL: (979) 230-2920

0 BUC

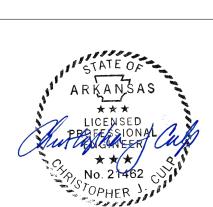
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ISSUE/REVISION LOG: DATE No. DESCRIPTION 3 Revision 3 - Owner Changes 04/23/2025



ISSUED FOR REVIEW: 05/14/2024 ISSUED FOR BID: 05/14/2024

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FIRE ALARM GENERAL NOTES AND LEGEND

2024-107.000 LSL PROJECT NUMBER: BENTON, ARKANSAS

TIRE ALARM RISER DIAGRAM - ADDRESSABLE SYSTEM (NON-VOICE)
NTS