REPLACE FIRE ALARM PANELS, MULTIPLE ASSETS WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER (ST. JOSEPH, MISSOURI)



8675 West 96th Street Overland Park, KS 66212 Phone: 816.333.4373 Fax: 913.722.3484

OWNER:

STATE OF MISSOURI

MIKE KEHOE, GOVERNOR

DEPARTMENT OF CORRECTIONS

PROJECT:

OFFICE OF ADMINISTRATION

MANAGEMENT:

DIVISION OF FACILITIES MANAGEMENT,

DESIGN AND CONSTRUCTION

DESIGNER:

FSC Inc

PROJECT NUMBER:

C2325-01

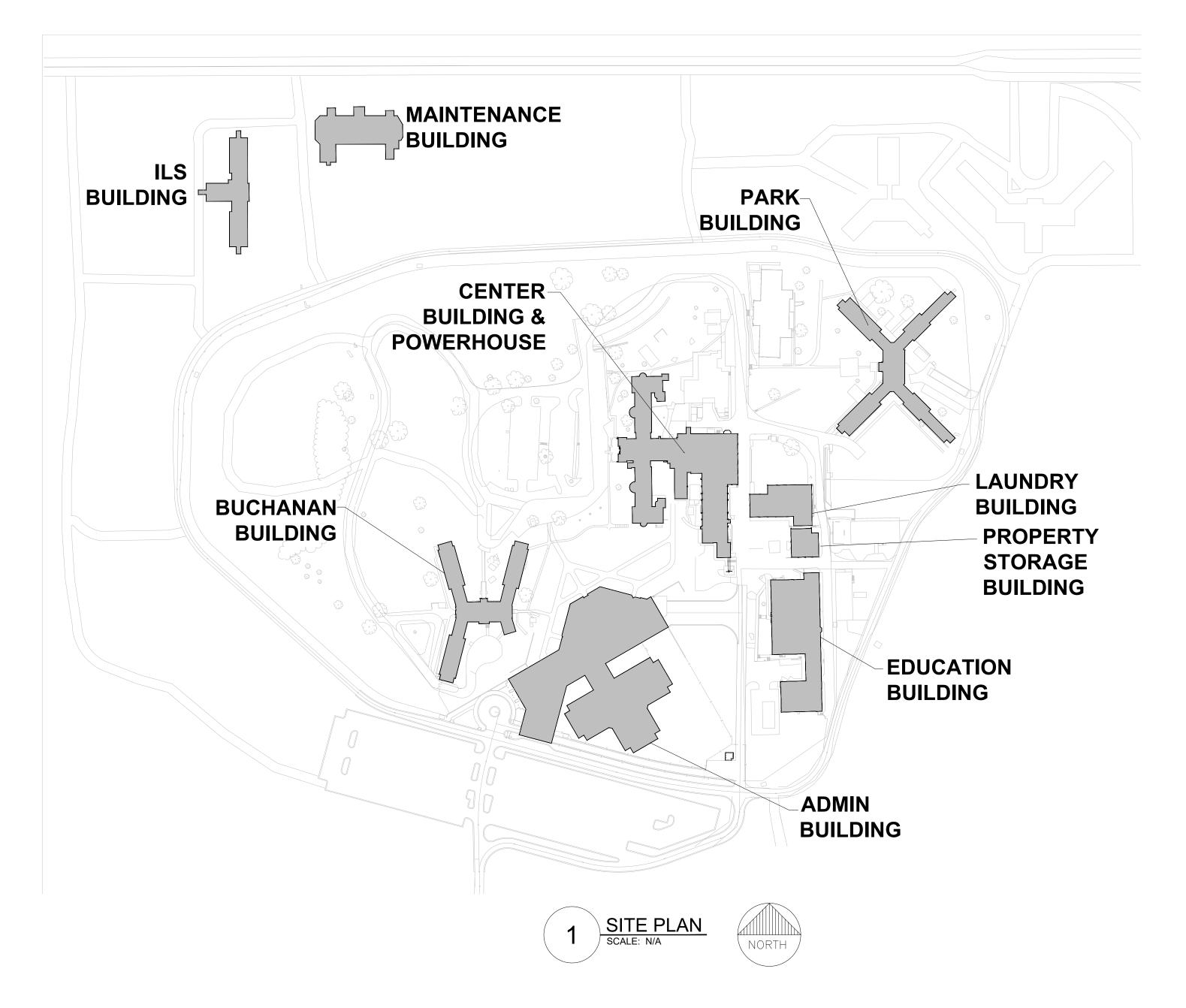
SITE NUMBER: ASSET NUMBER:

7012

9327012063

WESTERN RECEPTION AND DIAGNOSTIC CENTER

ST. JOSEPH, MISSOURI



LIST OF BUILDINGS WITHIN THE SCOPE OF WORK:	
ADMIN BUILDING	10 HOUSE
BUCHANAN BUILDING	11 HOUSE
CENTER BUILDING	06 HOUSE
ILS BUILDING	101 HOUSE
MAINTENANCE BUILDING	100 HOUSE
PARK BUILDING	01 HOUSE
LAUNDRY BUILDING	07 HOUSE
EDUCATION BUILDING	09 HOUSE
PROPERTY STORAGE BUILDING	08 HOUSE

LIST OF BUILDING NOT INCLUDED IN THE SCOPE OF WORK:	
STORAGE SHED	2 HOUSE
UNOCCUPIED/CONDEMNED	3 HOUSE
EQUIPMENT SHED	4 HOUSE
COLD STORAGE	5 HOUSE
TRAINING	13 HOUSE
GUARD TOWER	14 HOUSE
CAR WASH	112 HOUSE
CERT CENTER	113 HOUSE

	SHEET INDEX		
NO.	SHEET NO.	SHEET NAME	
1	FA-000	COVER SHEET	
2	FA-001	FIRE ALARM SITE PLAN	
3	FA-002	FIRE ALARM GENERAL NOTES	
4	FA-003	FIRE ALARM SCHEMATIC RISER DIAGRAM	
5	FA-004	TYPICAL EQUIPMENT MOUNTING GUIDELINES	
6	FA-100	ADMIN BUILDING - FIRST FLOOR FIRE ALARM PLAN	
7	FA-100-1	ADMIN BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-1	
8	FA-100-2	ADMIN BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-2	
9	FA-100-3	ADMIN BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-3	
10	FA-101	ADMIN BUILDING - SECOND FLOOR FIRE ALARM PLAN	
11	FA-101-1	ADMIN BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-1	
12	FA-101-2	ADMIN BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-2	
13	FA101-3	ADMIN BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-3	
14	FA101-4	ADMIN BUILDING - SECOND FLOOR MEZZANINE FIRE ALARM PLAN	
15	FA-102	ADMIN BUILDING - THIRD FLOOR FIRE ALARM PLAN	
16	FA-102-1	ADMIN BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-1	
17	FA-102-2	ADMIN BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-2	
18	FA-102-3	ADMIN BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-3	
19	FA-103-1	ADMIN BUILDING - FOURTH FLOOR & PENTHOUSE FIRE ALARM PLAN	
20	FA-103-2	ADMIN BUILDING - FOURTH FLOOR MEZZANINE FIRE ALARM PLAN	
21	FA-200-1	BUCHANAN BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-1	
22	FA-200-2	BUCHANAN BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-2	
23	FA-201-1	BUCHANAN BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-1	
24	FA201-2	BUCHANAN BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-2	
25	FA-202-1	BUCHANAN BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-1	
26	FA-202-2	BUCHANAN BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-2	
27	FA-300-1	CENTER BUILDING - BASEMENT FLOOR FIRE ALARM PLAN PART-1	
28	FA-300-2	CENTER BUILDING - BASEMENT FLOOR FIRE ALARM PLAN PART-2	
29	FA-301-1	CENTER BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-1	
30	FA-301-2	CENTER BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-2	
31	FA-302-1	CENTER BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-1	
32	FA-302-2	CENTER BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-2	
33	FA-303-1	CENTER BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-1	
34	FA-303-2	CENTER BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-2	
35	FA-304-1	CENTER BUILDING - FOURTH FLOOR FIRE ALARM PLAN PART-1	
36	FA-304-2	CENTER BUILDING - FOURTH FLOOR FIRE ALARM PLAN PART-2	
37	FA-305-1	POWER HOUSE - BASEMENT & FIRST FLOOR FIRE ALARM PLAN	
38	FA-305-2	POWER HOUSE - SECOND FLOOR & CAT WALK FIRE ALARM PLAN	
39	FA-400	ILS BUILDING - BASEMENT & FIRST FLOOR FIRE ALARM PLAN	
40	FA-401	ILS BUILDING - SECOND FLOOR FIRE ALARM PLAN	
41	FA-402	ILS BUILDING - THIRD FLOOR & ATTIC FIRE ALARM PLAN	
42	FA-500	MAINTENANCE BUILDING - FIRE ALARM PLAN	
43	FA-600	PARK BUILDING - BASEMENT & FIRST FLOOR FIRE ALARM PLAN	
44	FA-600-1	PARK BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-1	
45	FA-600-2	PARK BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-2	
46	FA-601	PARK BUILDING - SECOND FLOOR FIRE ALARM PLAN	
47	FA-601-1	PARK BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-1	
48	FA-601-2	PARK BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-2	
49	FA-602	PARK BUILDING - THIRD FLOOR FIRE ALARM PLAN	
50	FA-602-1	PARK BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-1	
51	FA-602-2	PARK BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-2	
52	FA-603	PARK BUILDING - FOURTH FLOOR FIRE ALARM PLAN	
53	FA-603-1	PARK BUILDING - FOURTH FLOOR FIRE ALARM PLAN PART-1	
54	FA-603-2	PARK BUILDING - FOURTH FLOOR FIRE ALARM PLAN PART-2	
55	FA-604	PARK BUILDING - FIFTH FLOOR FIRE ALARM PLAN	
56	FA-604-1	PARK BUILDING - FIFTH FLOOR FIRE ALARM PLAN PART-1	
57	FA-604-2	PARK BUILDING - FIFTH FLOOR FIRE ALARM PLAN PART-2	
58	FA-700	LAUNDRY BUILDING - FIRE ALARM PLAN	
59	FA-800	EDUCATION BUILDING - FIRST FLOOR FIRE ALARM PLAN	
60	FA-801	EDUCATION BUILDING - SECOND FLOOR FIRE ALARM PLAN	
61	FA-900	PROPERTY STORAGE BUILDING - FIRST FLOOR FIRE ALARM PLAN	

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:

REVISION: DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: DESIGNED BY:

SHEET TITLE:

FIRE ALARM SITE PLAN

SHEET NUMBER:

FA-001

GENERAL NOTES

- 1. ALL NOTES ON THIS DRAWING ARE AN INTEGRAL PART OF THE CONTRACT DOCUMENT AND MUST BE READ IN CONJUNCTION WITH ALL PACKAGE ELEMENTS (SPECIFICATIONS, LAYOUTS,...ETC)
- 2. ALL WORK SHALL BE DESIGNED, INSTALLED, AND TESTED IN COMPLIANCE WITH THE CODES, STANDARDS, AND AMENDMENTS ADOPTED BY THE STATE OF MISSOURI AND THE CONTRACT DOCUMENTS. IN ADDITION TO THE NOTED CODES AND STANDARDS PER THE IEBC § 701.2 NO MODIFICATION SHALL BE MADE TO SUCH THAT THE BUILDING BECOMES LESS SAFE THAN THE EXISTING CONDITIONS AND THE ORIGINAL INTENT OF THE FIRE ALARM
- a. 2018 INTERNATIONAL BUILDING CODE
- b. 2018 INTERNATIONAL FIRE CODE
- c. OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)d. NATIONAL FIRE PROTECTION ASSOCIATION
- 2023 NFPA 70 NATIONAL ELECTRICAL CODE
 2022 NFPA 72 NATIONAL FIRE ALARM AND
- SIGNALING CODE e. U.L. LISTINGS
- UL STANDARD 864 STANDARD FOR CONTROL UNITS AND ACCESSORIES FOR FIRE ALARM
 OCCUPANTS
- SYSTEMS

 UL STANDARD 268 STANDARD FOR SMOKE
- DETECTORS FOR FIRE ALARM SYSTEMS

 UL 38 STANDARD FOR MANUALLY ACTUATED SIGNALING BOXES FOR USE WITH
- FIRE-PROTECTIVE SIGNALING SYSTEMS.
 UL 521 HEAT DETECTORS FOR FIRE
- PROTECTIVE SIGNALING SYSTEMS

 UL 464 AUDIBLE SIGNALING DEVICES
- UL 464 AUDIBLE SIGNALING DEVICES
 UL 1971 VISUAL SIGNALING APPLIANCES (STROBES) FOR HEARING IMPAIRED.

INSTALLING CONTRACTOR QUALIFICATIONS

- 3. THE INSTALLING CONTRACTING COMPANY SHALL BE U.L. LISTED FOR FIRE ALARM SYSTEM INSTALLATION.
- 4. THE PROJECT MANAGER OVERSEEING THE SYSTEM INSTALLATION SHALL BE CERTIFIED AT A MINIMUM OF NICET LEVEL III FOR FIRE ALARM SYSTEMS.

BID INSTRUCTIONS/SHOP DRAWING REQUIREMENTS

5. THE FIRE ALARM DRAWINGS ARE SCHEMATIC IN NATURE AND SHOW A MINIMAL QUANTITY OF DEVICES TO ESTABLISH THE BASIS OF DESIGN FOR BIDDING. BASED ON THESE DRAWINGS, THE CONTRACTOR SHALL BE KNOWLEDGEABLE ABOUT THE APPLICABLE CODES AND STANDARDS TO DETERMINE THE FINAL QUANTITY AND LOCATION OF ALL REQUIRED DEVICES, INCLUDING NECESSARY MODULES, TO PROVIDE A FULLY FUNCTIONING FIRE ALARM SYSTEM IN COMPLIANCE WITH NFPA 72 SPECIFICATIONS. THIS MUST ALSO ADHERE TO ALL RELEVANT CODES AND STANDARDS, CONTRACT DRAWINGS, AND THE MANUFACTURER'S WRITTEN RECOMMENDATIONS.

- 6. THE CONTRACT DRAWINGS WERE CREATED BASED ON AS-BUILT DOCUMENTS PROVIDED BY THE STATE OF MISSOURI. DUE TO THE AGE OF THE FACILITY, THE EXISTING AS-BUILT DOCUMENTS ARE VERY LIMITED. THE ENGINEER ASSESSED THE SITE CONDITIONS FROM THE FINISHED FLOOR LEVEL WITHOUT USING DESTRUCTIVE METHODS. THE CONTRACTOR SHALL ASSUME SOME DEVIATIONS AND INCLUDE OFFSETS, ADDITIONAL WIRING, ETC, AT THE TIME
- 7. MONITOR AND CONTROL MODULES SHALL BE PROVIDED BY THE CONTRACTOR WHENEVER REQUIRED. MONITOR MODULES ARE NOT SHOWN ON THESE PLANS BUT SHALL BE SHOWN ON THE SHOP DRAWINGS. THE CONTRACTOR IS EXPECTED TO PROVIDE ALL MODULES NECESSARY TO SUPPORT ALL DEVICES AND OPERATIONS OUTLINED IN THESE DOCUMENTS FOR A FULLY FUNCTIONING FIRE ALARM SYSTEM.
- 8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ACCURATE SHOP DRAWINGS THAT BUILD UPON THE INFORMATION PRESENTED IN THESE DOCUMENTS.
- a. TO ENSURE A SMOOTH INSTALLATION PROCESS, THE AWARDED CONTRACTOR SHALL VERIFY EXISTING CONDITIONS SUCH AS LOCATIONS, DEPTHS, AND ELEVATIONS, BY WALKING THE SITE PRIOR TO SUBMITTING THE SHOP DRAWINGS.
- b. ANY MODIFICATION MADE TO THE DEVICE LAYOUT, WIRING LAYOUT OR CONFIGURATION OF WIRING TO NOTIFICATION OR INITIATING DEVICES SHALL BE REVIEWED AND APPROVED BY AN FSC, INC. REPRESENTATIVE.
- c. ANY NECESSARY REQUESTS FOR INFORMATION (RFIS) RELATED TO CLARIFICATIONS OR SITE CONDITIONS NOT DEPICTED IN THE DRAWINGS SHOULD BE SUBMITTED PRIOR TO THE SHOP DRAWINGS TO ENSURE THAT ACCURATE SHOP DRAWINGS ARE PROVIDED FOR REVIEW AND INSTALLATION.
- d. THE SHOP DRAWINGS MUST BE SUBMITTED AS A COMPLETE PACKAGE INCLUDING ALL BUILDINGS FOR REVIEW AND MUST COMPLY WITH NFPA 72 REQUIREMENTS. THIS INCLUDES FLOOR LAYOUT, RISER DIAGRAMS WITH ADDRESSES FOR EACH BUILDING, WIRE ROUTING, VOLTAGE DROP, AND BATTERY CALCULATIONS. THE COMPLETE PACKAGE OF SHOP DRAWINGS SHOULD BE PREPARED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER AND DEVELOPED UNDER THE SUPERVISION OF A NICET LEVEL IV DESIGNER."
- e. THE SEQUENCE OF OPERATIONS SHALL INCLUDE ALL FUNCTIONS FOR THE ENTIRETY OF THE FACILITY AND APPROVED BY THE STATE OF MISSOURI PRIOR TO CONFIGURATION.
- f. FIBER CONNECTIVITY IS NOT INCLUDED IN FSC'S SCOPE OF WORK. A CONTINUITY DIAGRAM OF THE OM3 SITE FIBER NETWORK SHALL BE PROVIDED BY THE CONTRACTOR FOLLOWING COORDINATION WITH THE IT FACILITY AND MUST INCLUDE VERIFIED CONNECTION LOCATIONS AT EACH BUILDING. FIBER PATCH PANEL'S LOCATIONS AND CONNECTIVITY DETAILS TO FIRE ALARM CONTROL UNITS SHALL PROVIDED AND TO BE INDICATED ON LAYOUTS.

- 8. THE INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BEGIN UNTIL THE DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER OF RECORD AND THE AUTHORITY HAVING JURISDICTION.
- 9. THE INSTALLATION CONTRACTOR MUST MAINTAIN A LEGIBLE AND ACCURATE SET OF AS-BUILT (MARKED-UP) DRAWINGS FOR RECORD-KEEPING PURPOSES. THE CONTRACTOR SHALL PROVIDE THESE AS-BUILT PLANS TO FSC, INC. TO FACILITATE PROPER RECORD-KEEPING BY THE ENGINEERING DEPARTMENT AT FSC, INC.
- 10. THE STATE OF MO PROVIDED HVAC EQUIPMENT LAYOUTS WHERE DOCUMENTS ARE AVAILABLE; FOR BIDDING PURPOSES, WE ASSUME ONE HVAC UNIT CONTROL EXISTS PER DUCT DETECTOR THAT WILL REQUIRE A CONTROL MODULE FOR SHUTDOWN.
- a. ALL AIR HANDLER UNITS THAT ARE GREATER THAN 2,000 CFM SHALL BE EQUIPPED WITH A DUCT SMOKE DETECTOR IN THE RETURN DUCT. VERIFY FINAL LOCATION IN FIELD.
- 11. FSC, INC. SHALL BE NOTIFIED OF COMMISSIONING OF THE SYSTEM AND SHALL BE PROVIDED ALL DOCUMENTATION WITH RESPECT TO SYSTEM COMMISSIONING AND AHJ ACCEPTANCE
- 12. THE EXISTING WIRING HAS BEEN OBSERVED TO BE IN POOR CONDITION. BASED ON EXISTING CONDITIONS AND REQUIRED SYSTEM MODIFICATIONS THE BIDDER SHOULD ASSUME 10,000 FT OF THE EXISTING WIRING WILL NEED TO BE REPLACED AND/OR RECONFIGURED AND A MINIMUM 5,000 FT OF NEW CONDUIT PATHWAYS WILL BE REQUIRED. SEE UNIT PRICE SPECIFICATION 01 22 00.

SCOPE

- 13. THE FIRE ALARM PANELS SHALL BE NON-PROPRIETARY.
- 14. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CONDUITS, BOXES, ETC. AND FIBER FROM THE FACU TO EACH BUILDING'S FIBER PATCH PANEL.
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TERMINATIONS AND PROGRAMMING, INCLUDING FIBER MODULES (UTILIZING PROVIDED MULTIMODE OM3 FIBER (OR SINGLE MODE) BACKBONE EXISTING ON SITE.
- 16. THE CONTRACTOR IS RESPONSIBLE FOR CONNECTING AND INTEGRATING ALL FIRE ALARM UNITS INTO THE CAMPUS NETWORK. THE CONTRACTOR SHALL:
- a. COORDINATE WITH THE INTERNAL SITE IT
 REPRESENTATIVES TO OBTAIN IP ADDRESSES AND
 OTHER REQUIRED INFORMATION FOR NETWORK
 PROGRAMMING.
- b. PROGRAM OR ENGAGE A SUBCONTRACTOR TO PROGRAM THE CAMPUS NETWORK SO ALL NEW FACUS REPORT THE MAIN FACU THAT IS TO BE LOCATED IN THE ADMINISTRATIVE BUILDING'S MAIN SECURITY OFFICE WHERE INDICATED ON THE DRAWINGS.

- 16. WHERE INDICATED ON THE DRAWINGS, THE FIRE SPRINKLER FLOW SWITCH AND TAMPER SWITCH ARE TO BE REPLACED ENTIRELY ALONG WITH THEIR ASSOCIATED MONITOR MODULES. THE CONTRACTOR SHALL ENGAGE A SPRINKLER CONTRACTOR TO REPLACE THE SPRINKLER SYSTEM EQUIPMENT.
- 17. WHERE INDICATED ON THE DRAWINGS, PROVIDE A NEW TAMPER SWITCH ON THE EXISTING FIRE SPRINKLER VALVE. ENGAGE A SPRINKLER CONTRACTOR AS NECESSARY FOR THIS WORK.
- 18. ALL SPRINKLER MONITORING DEVICES SHALL BE MONITORED BY THE NEW FACUS.
- 19. SMOKE DETECTORS SHALL BE SPACED AS REQUIRED BY NFPA 72 AND AS INDICATED ON THE DRAWINGS. A FSC, INC REPRESENTATIVE SHALL REVIEW AND APPROVE ANY CHANGES TO EXISTING CONDITIONS THAT MAY AFFECT THE SMOKE DETECTOR LAYOUT DUE TO OBSTRUCTIONS.
- 20. FDC NOTIFICATION: PROVIDE NEW EXTERIOR WEATHERPROOF HORN/STROBE FOR ALL BUILDINGS.
- 21. WHERE THE NOTIFICATION IS INTEGRATED AS PART OF THE SPRINKLER SYSTEM BY WAY OF WATER ALARM MOTOR GONGS, IT IS CONSIDERED PART OF THE SPRINKLER SYSTEM AND IS NOT WITHIN THE FIRE ALARM SCOPE. THIS IS THE SAME FOR PIVS WHERE PADLOCKS ARE PROVIDED.
- 22. EXISTING CIRCUITS SHALL BE TESTED FOR INTEGRITY TO VERIFY THEY ARE FREE OF GROUNDS AND FAULTS PRIOR TO INSTALLING NEW DEVICES AND ENERGIZING THE SYSTEM TO ENSURE THE SYSTEM WILL FUNCTION PROPERLY.
- 23. ALL FINAL WIRING CIRCUITS TO BE CHECKED FOR PROPER ELRD (END OF LINE RESISTOR DEVICE) READINGS TO VERIFY CALCULATIONS, ROUTING ASSUMPTIONS, AND TO ENSURE EACH LINE MAINTAINS THE VOLTAGE DROP LIMITATIONS FOR A NEW SYSTEM (NO MORE THAN 80% VOLTAGE DROP). ALL GROUND FAULTS AND SHORTS SHALL BE ELIMINATED PRIOR TO FINAL ACCEPTANCE TESTING.
- 24. EXISTING DEVICES NOT REQUIRED BY THE APPLICABLE CODE WILL BE REPLACED AT A ONE-TO-ONE RATIO IN THEIR EXISTING LOCATIONS TO MAINTAIN THE EXISTING LEVEL OF PROTECTION THE SYSTEM WAS ORIGINALLY DESIGNED FOR.
- 25. WIRE GUARDS REQUIRED FOR SMOKE DETECTORS AND/OR NOTIFICATION:
- a. WIRE GUARDS SHALL BE PROVIDED IN ALL OFFENDER ACCESSIBLE LOCATIONS THAT ARE MOUNTED AT 8 FT. AND LOWER. FOR BIDDING PURPOSES, BIDDERS ARE TO ASSUME GENERAL AREAS ACCESSIBLE TO OFFENDERS WILL BE OUTFITTED WITH GUARDS.
- b. EXISTING WIRE GUARDS SHALL BE REPLACED AT A ONE-TO-ONE RATIO IN NON-OFFENDER AREAS.c. ALL WIRE GUARDS ON APPLIANCES SHALL BE U.L
- c. ALL WIRE GUARDS ON APPLIANCES SHALL BE U.L LISTED, NON UL-LISTED AND CUSTOMIZED GUARDS SHALL BE REMOVED AND REPLACED.

- d. WIRE GUARDS ARE NOT TO BE INSTALLED IN CEILING TILES. PROVIDE TAMPER-PROOF DETECTORS IN LIEU OF WIRE GUARDS.
- e. ALL WIRE GUARDS SHALL BE UL LISTED AND ARE TO BE METAL ONLY. PLASTIC IS NOT PERMITTED.

WIRING REQUIREMENTS:

- 26. A BREAKER LOCK SHOULD BE INSTALLED AT THE ELECTRICAL PANEL ON THE BRANCH CIRCUIT FEEDING ANY FIRE ALARM PANEL. MUST BE IDENTIFIED BY RED AND LABELED AS SERVING THE FIRE ALARM SYSTEM.
- 27. THE LOCATION OF THE DEDICATED BRANCH CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE CONTROL UNIT.
- 28. ALL FIRE ALARM CABLE SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 760 OF NFPA 70, NATIONAL
- electrical code.

 a. Plenum-rated cable must be installed in all plenum areas. Risers not in conduit must use FPLP cable when penetrating more than one FLOOR.
- b. REFER TO SPECIFICATION 28 42 62 SECTION 2.17 A.2
 FOR RACEWAY REQUIREMENTS IN OFFENDER AREAS.
- 29. NOTIFICATION APPLIANCE CIRCUITS ARE TO BE 16 AWG 2 CONDUCTOR SOLID FPLR, OR FPLP. THHN NOT PERMITTED.
- 30. SIGNALING LINE CIRCUITS ARE TO BE 18AWG 2 CONDUCTOR SOLID FPLR, OR FPLP (PLENUM RATED) CABLE. THHN NOT PERMITTED.
- 31. AC POWER FOR ALL FIRE ALARM CONTROL PANELS SHALL BE 120VAC, 50/60 HZ, 20 AMPS. WIRE SHALL BE MINIMUM 12 AWG WITH 600V INSULATION.
- 32. ALL NON-POWERED LIMITED WIRING SHALL HAVE A MINIMUM OF A 1/4" SEPARATION FROM POWERED LIMITED WIRING.
- 33. TEE-TAPPING IS ONLY PERMISSIBLE ON CLASS 'B' SLC CIRCUITS WHEN NECESSARY TO ACCOMMODATE EXISTING CONDITIONS.
- 34. ALL CIRCUITS SHALL BE IDENTIFIED AT TERMINAL AND JUNCTION LOCATIONS WHICH WILL HELP PREVENT UNINTENTIONAL SIGNALS TO OCCUR ON THE SYSTEM.
- 35. ALL FIRE ALARM DEVICES AND WIRING SHALL BE PROPERLY LABELED WITH DEVICE AND WIRING IDENTIFICATION.
 RECOMMEND LABELING ALL DEVICES WITH A GOOD LABEL MAKER PRODUCT THAT DOES NOT FADE OVER TIME. SEE SPECIFICATION 28 46 21 SECTION 2.17 FOR ACCEPTABLE LABELING PRODUCTS.
- 36. INPUT MODULE AND NOTIFICATION APPLIANCE END OF LINE RESISTORS ARE BY MANUFACTURER INSTRUCTIONS. WHERE POSSIBLE, ALWAYS USE OEM SUPPLIED RESISTORS. WHERE OEM SUPPLIED RESISTORS ARE NOT AVAILABLE, USE RESISTOR COLOR CODE TO SELECT THE PROPER RESISTOR, MATCHING VALUES TO OEM SUPPLIED

- 37. ALL NEW REQUIRED CABLING SHALL HAVE INDEPENDENT SUPPORTS. UTILIZE TAMPER-PROOF SCREWS OR BRACKETS ON ALL ACCESSIBLE SUPPORTS AND EQUIPMENT.
- 38. EMTs SHALL BE INSTALLED FOR ANY EXPOSED CABLES.

ADDITIONAL INSTRUCTIONS

- 39. ELEVATOR CONTROLS AND RECALL: SOME ELEVATORS ARE CURRENTLY UNDERGOING MAINTENANCE OR WILL BE REPLACED. FOR BIDDING PURPOSES, PROVIDE ALL PASSENGER ELEVATORS WITH ELEVATOR RECALL TO PRIMARY AND SECONDARY FLOOR, INCLUDING SHUNT TRIP AND DETECTION IN THE ELEVATOR HOISTWAY AND HEAT DETECTORS WITHIN 2FT OF ANY SPRINKLERS PROTECTING ELEVATOR EQUIPMENT AS PRESCRIBED IN NFPA 72/13. THIS DIRECTION WILL STAND UNTIL THE FINAL EVALUATION OF EXISTING CONDITIONS CAN BE CONFIRMED POST-BID. THE CONTRACTOR WILL COORDINATE ON-SITE WITH THE ELEVATOR SUPPLIER AND FACILITIES FOR EXISTING CONDITIONS.
- 40. A SMOKE DETECTOR SHALL BE PROVIDED ABOVE ALL FIRE ALARM CONTROL UNITS AND NAC DEVICES.
- 41. REFER TO DETAIL 2 ON SHEET FA 004 FOR MOUNTING REQUIREMENTS FOR FIRE ALARM EQUIPMENT.
- 42. WHERE (2) OR MORE STROBES AR VISIBLE THEY WILL BE SYNCHRONIZED.
- 43. PROVIDE AUDIBILITY SOUND LEVEL OF 70 DBA THROUGHOUT THE AREA OF WORK.
- 44. CONTRACTOR SHALL COORDINATE WITH ALL OTHER EXITING EQUIPMENT AND SITE CONDITIONS MECHANICAL/ELECTRICAL/PLUMBING) FOR EXACT LOCATION OF CEILING / WALL MOUNTING OF FIRE ALARM DEVICES.
- 45. DOOR HOLDS SHALL BE POWERED BY THE FIRE ALARM SYSTEM
- 46. PROVIDE ISOLATION MODULES TO ISOLATE CIRCUITS PER ZONE. AT A MINIMUM, PROVIDE ONE ISOLATION MODULE PER ADDITIONAL FLOOR. PER NFPA 72, EACH FLOOR IS CONSIDERED A ZONE. WHERE RE-WIRING IS REQUIRED DUE TO THE AGE AND CONDITION OF THE WIRE, PROVIDE ISOLATION MODULES BETWEEN SECURE AND NON-SECURE AREAS WHERE APPLICABLE.

FIRE ALARM SYMBOL LEGEND SYMBOL DESCRIPTION

ADDRESSABLE FIRE ALARM CONTROL UNIT

INTELLIGENT NOTIFICATION APPLIANCE

FIRE ALARM ANNUNCIATOR PANEL (FAAP)

VIDEO DISPLAY UNIT WITH LCD MONITOR,

MANUAL PULL STATION, K: KEY OPERATED

DUCT MOUNTED SMOKE DETECTOR (FOR

ADDRESSABLE CARBON MONOXIDE DETECTOR

FACU

NAC

FADC

হি

HP

ABBREVIATION

N

AHU

CD

DOC

EOL

FDC

NFPA

NTS

VESDA PIPING

CIRCUITS

AND KEYBOARD

HOUSING UNITS)

DOOR HOLDER

CONTROL MODULE

WATER FLOW SWITCH

TAMPER SWITCH

EXISTING DEVICE

LOCATION INDICATED.

ABOVE FINISHED FLOOR

AIR HANDLING UNIT

CANDELA

END OF LINE

IP ADDRESS

NOT TO SCALE

AUTHORITY HAVING JURISDICTION

BUILDING AUTOMATION SYSTEM

DEPARTMENT OF CORRECTIONS

ELECTRICAL METALLIC TUBING

FIRE DEPARTMENT CONNECTION

NOTIFICATION APPLIANCE CIRCUIT

OPTICAL MULTIMODE FIBER

UNDERWRITERS LABORATORIES

WEATHERPROOF DEVICE

AUXILIARY POWER

REMOTE DISPLAY
SIGNALING LINE CIRCUIT

WIRE GUARD

NATIONAL FIRE PROTECTION ASSOCIATION

OFFICES OF ADMINISTRATION FOR THE STATE OF

NEW DEVICE

VESDA MONITORING DEVICE

HIGH PRESSURE SWITCH

LOW PRESSURE SWITCH

FIRE ALARM ABBREVIATIONS

LEGEND

DEMOLISH EXISTING DEVICE TO RELOCATE

RELOCATION OF NEAREST EXISTING DEVICE TO

DESCRIPTION

DUCT SMOKE DETECTOR

FIRE ALARM DOCUMENT BOX

ADDRESSABLE SMOKE DETECTOR

ADDRESSABLE HEAT DETECTOR

REMOTE TEST STATION (RTS)

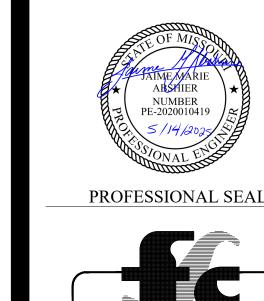
DUAL OR SINGLE INPUT MODULE(S)

FIRE ALARM STROBE (CEILING MOUNT)

FIRE ALARM HORN STROBE (WALL MOUNT)

FIRE ALARM HORN STROBE (CEILING MOUNT)

FIRE ALARM STROBE (WALL MOUNT)



FSC INC.
ENGINEERS, LLC

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STATE OF MISSOURI

MIKE KEHOE,

GOVERNOR

SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

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ST JOSEPH, MO 64506

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CAD DWG FILE: DRAWN BY: CHECKED BY:

DATE:

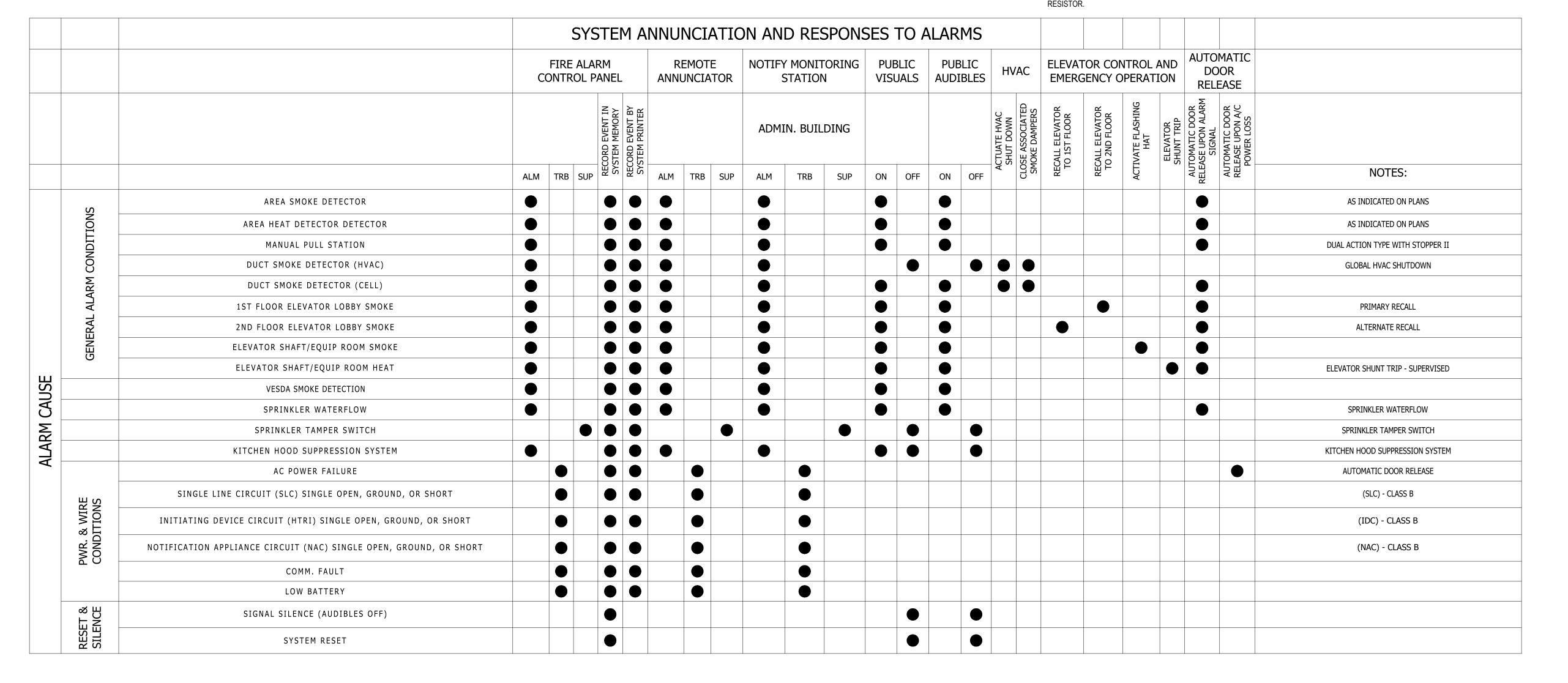
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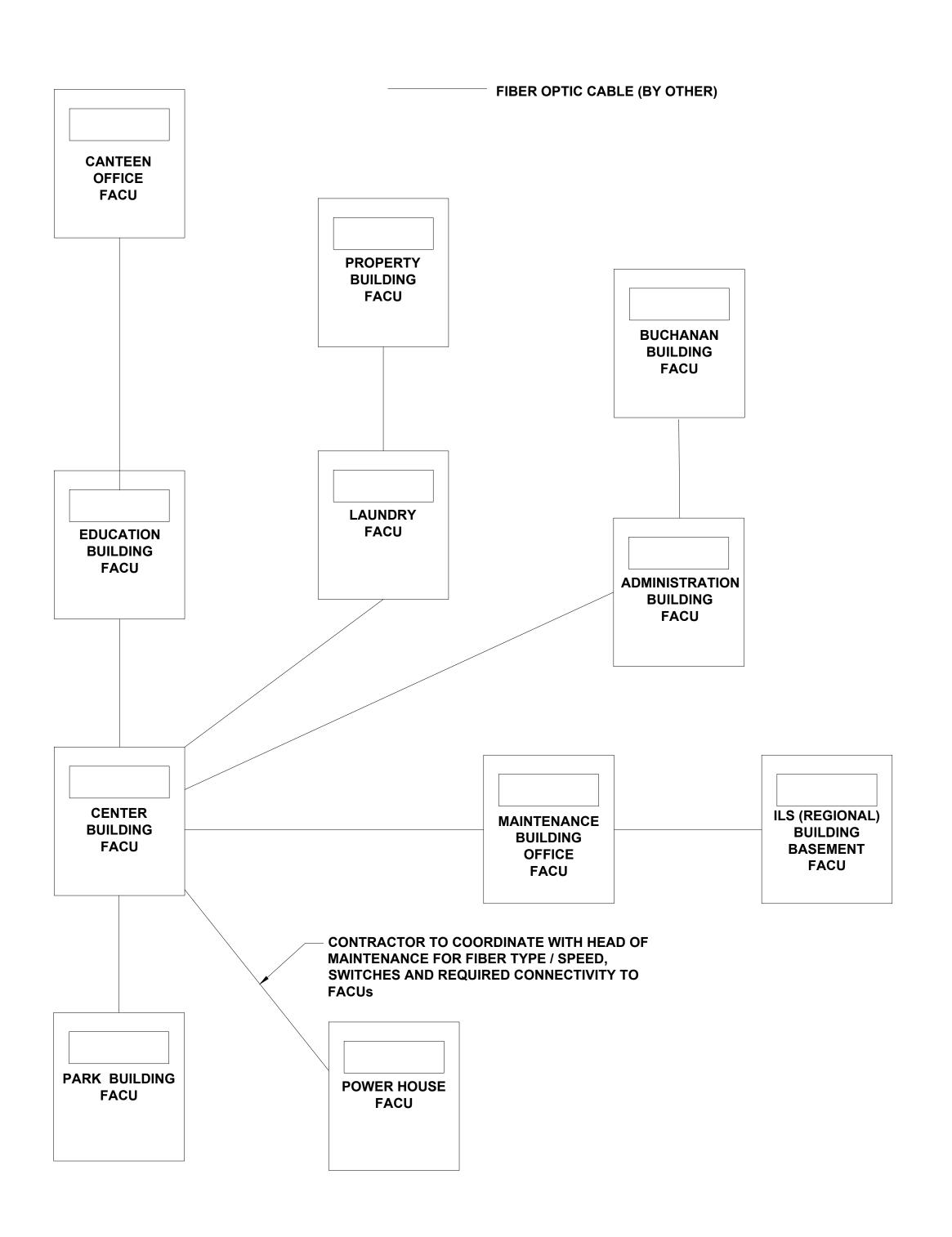
DESIGNED BY:
SHEET TITLE:

FIRE ALARM
GENERAL NOTES

SHEET NUMBER:

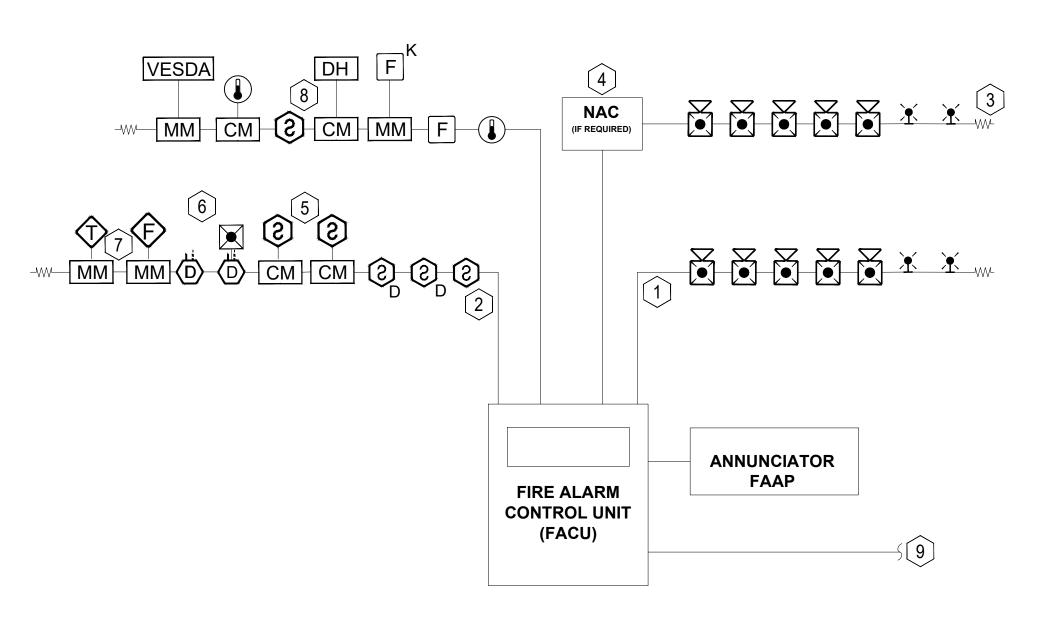
FA-002



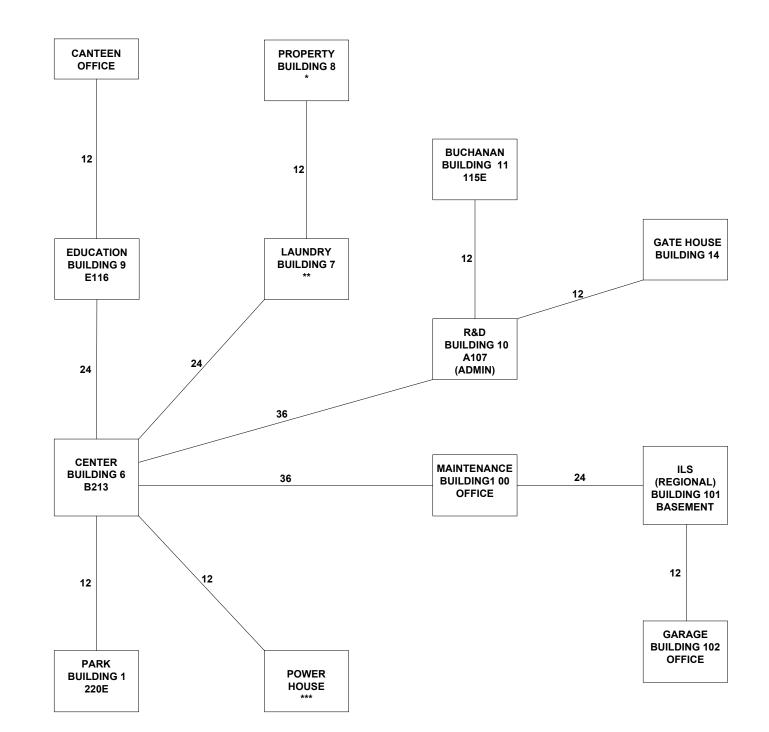


NOTE: FIBER PROJECT IS NOT UNDER FSC SCOPE OF WORK. NEW FACILITY FIBER LOOP IS A SEPARATE ON-GOING PROJECT. COORDINATE WITH FACILITY STAFF TO VERIFY TIE-IN POINT AT THE TIME OF FIRE ALARM INSTALLATION.

CAMPUS FIBER RISER DIAGRAM



SCHEMATIC RISER DIAGRAM
SCALE: NTS



FIBER NETWORK (BY OTHERS)

FIRE ALARM RISER KEYED NOTES:

- 1 TYPICAL NAC CIRCUITS.
- 2 TYPICAL INITIATION DEVICE CIRCUITS.
- 3 TYPICAL END OF LINE RESISTOR.
- (4) NOTIFICATION APPLIANCE CIRCUIT EXPANDER PANEL. PROVIDE QUANTITY AS NECESSARY. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION.
- (5) WIRING TO ELEVATOR CONTROL.
- (6) PROVIDE A REMOTE TEST STATION FOR DUCT MOUNTED SMOKE DETECTORS NOT ACCESSIBLE FROM THE FINISHED FLOOR IN A SECURE LOCATION. VERIFY FINAL LOCATION WITH OWNER.
- 7 MONITOR MODULES FOR SPRINKLER SYSTEM SUPERVISION.
- (8) WIRING TO DOOR HOLD.
- 9 CONNECT FACU TO FIBER BACKBONE OF CAMPUS NETWORK AT LOCATION PROVIDED WITHIN BUILDING.
- (10) WIRING TO ELEVATOR SHUNT TRIP.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET DATE: 05/14/2025 **REVISION:** DATE: **REVISION:**

DATE: ISSUE DATE:

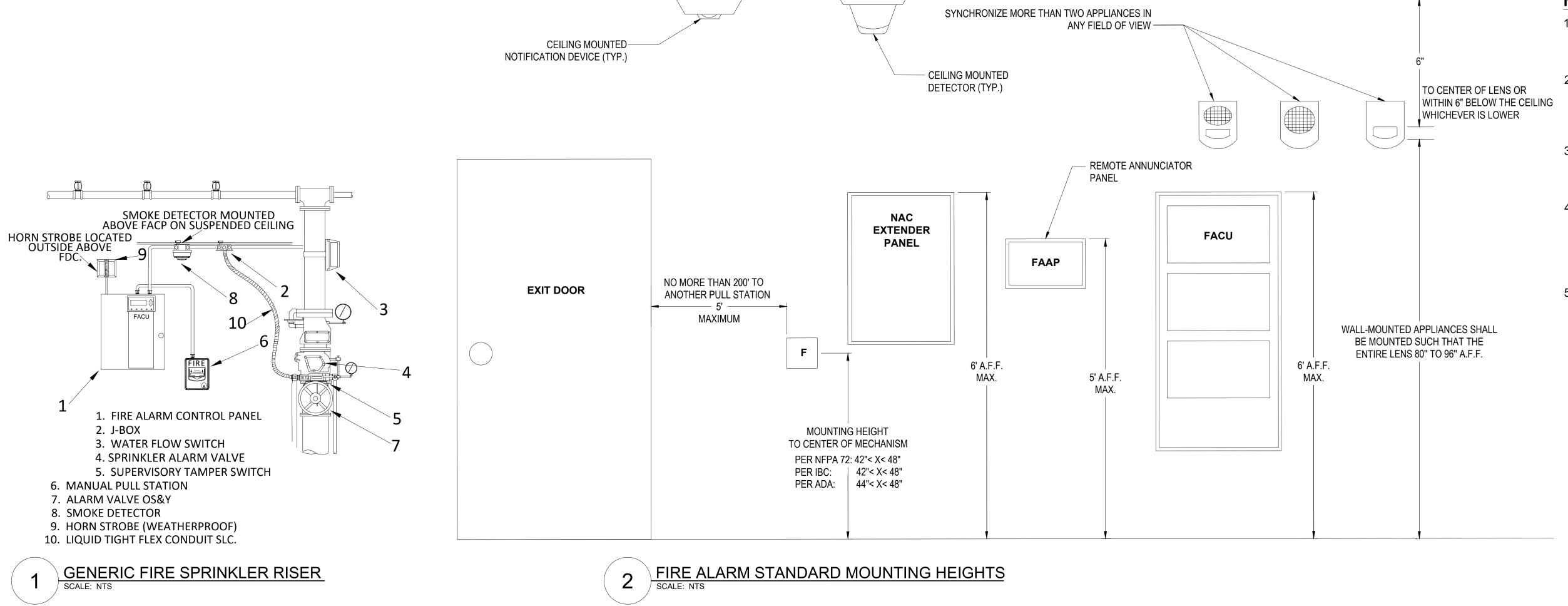
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SHEET TITLE:

FIRE ALARM **SCHEMATIC** RISER DIAGRAM

SHEET NUMBER:

FA-003



NOTES:

- 1. DO NOT INSTALL ANY EQUIPMENT OUTSIDE UNLESS IT IS LISTED FOR OUTDOOR USE.
- 2. FOR LOW CEILINGS WHERE THE MOUNTING HEIGHTS CAN NOT BE MET MOUNT THE INDICATED APPLIANCE (EX. HORN STROBES) 6" FROM THE CEILING.
- 3. ALL DEVICES AND APPLIANCE HEIGHTS SHOULD BE CONSISTENT FOR THE ENTIRE PROJECT.
- 4. THE FIRE PANEL SHALL HAVE A MINIMUM OF 3 FT CLEARANCE FROM THE FRONT OF THE CONTROL EQUIPMENT AND BE LOCATED IN A CLIMATE CONTROLLED AREA.
- VERIFY ALL DIMENSIONS PROVIDED PER THE APPLICABLE STANDARDS AND SPECIFICATIONS FOR THE PROJECT. INSTALLATION MUST COMPLY WITH LOCAL REQUIREMENTS GOVERNING MINIMUM STANDARDS FOR THIS SYSTEM.

DETECTORS SHALL BE MOUNTED IN

EVERY BEAM POCKET.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



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WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

7012

9327012063

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

SITE#

ASSET#

REVISION: 100% BID SET DATE: 05/14/2025

REVISION: DATE: REVISION: DATE: ISSUE DATE:

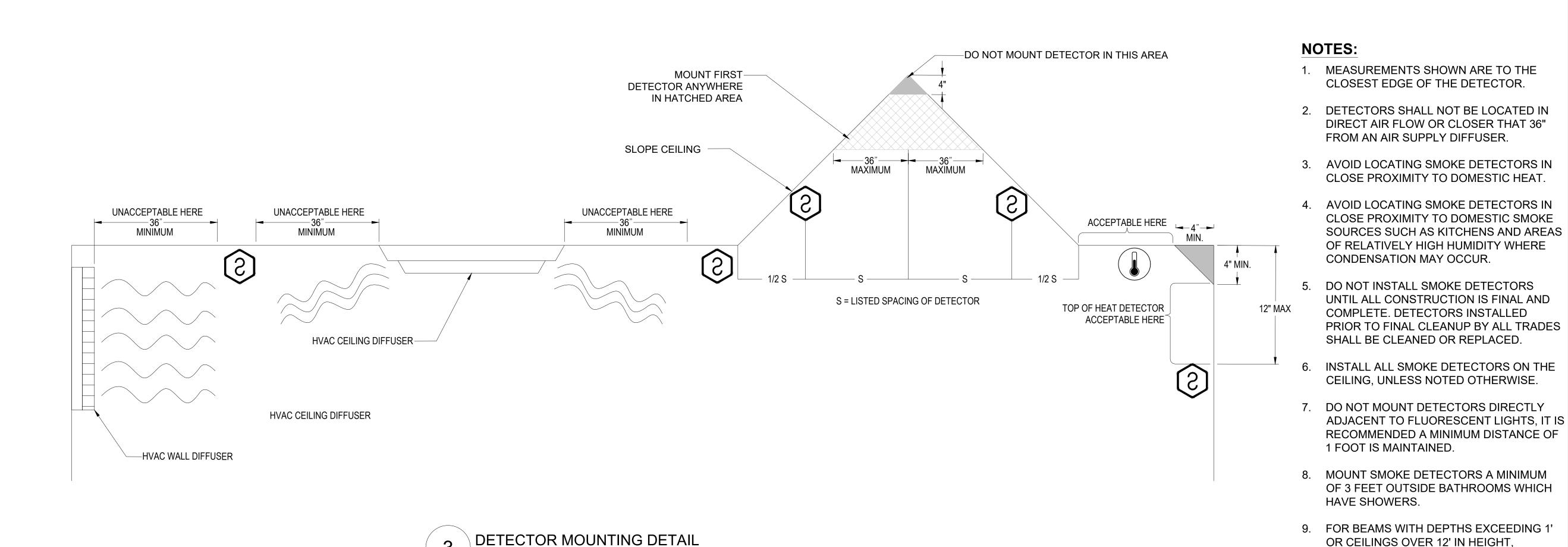
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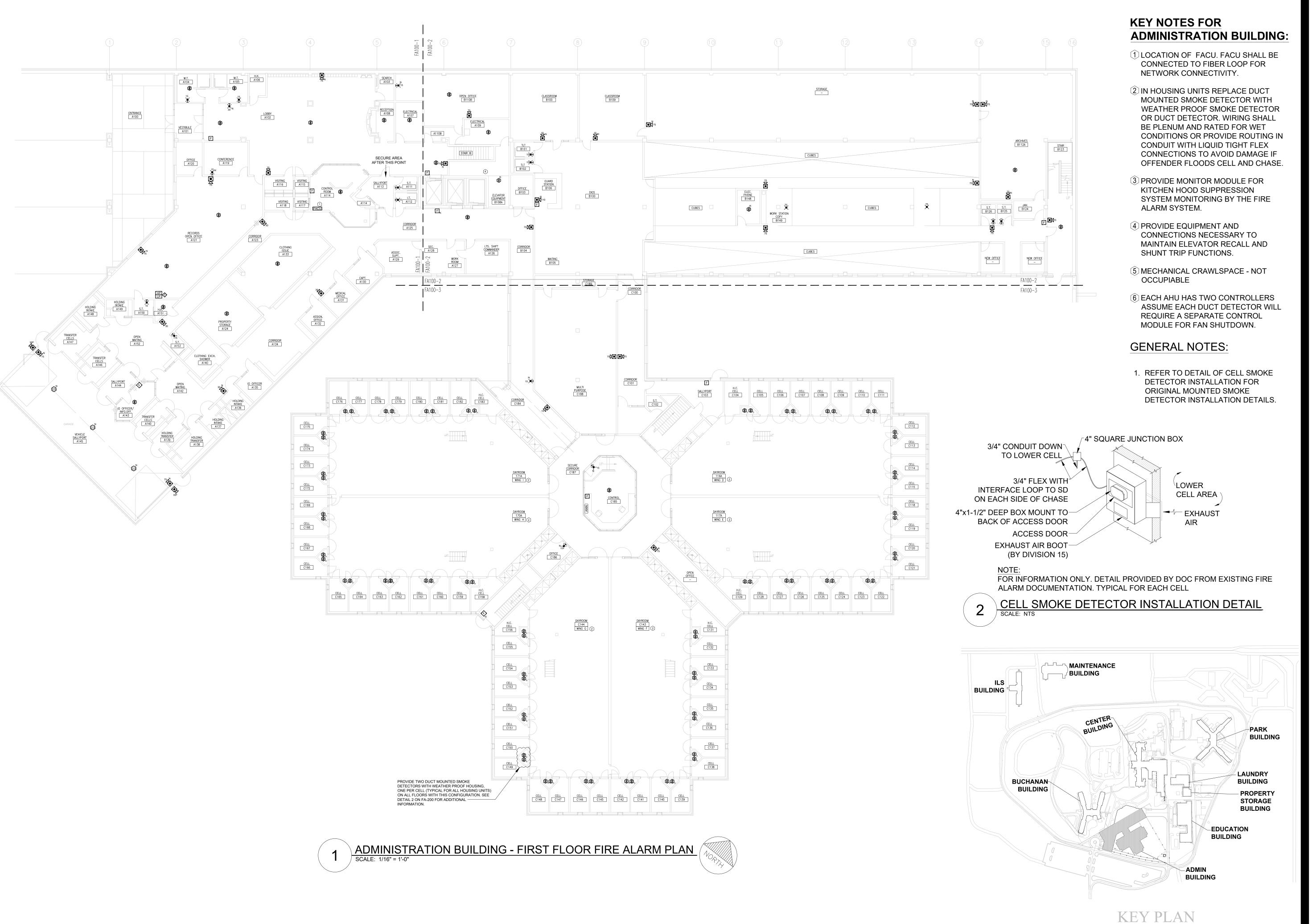
SHEET TITLE:

TYPICAL EQUIPMENT MOUNTING **GUIDELINES**

SHEET NUMBER:

FA-004





MIKE KEHOE, **GOVERNOR**

STATE OF MISSOURI



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

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Replace Fire Alarm Panels, Multiple Assets

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3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET DATE: 05/14/2025 **REVISION:** DATE: REVISION: DATE:

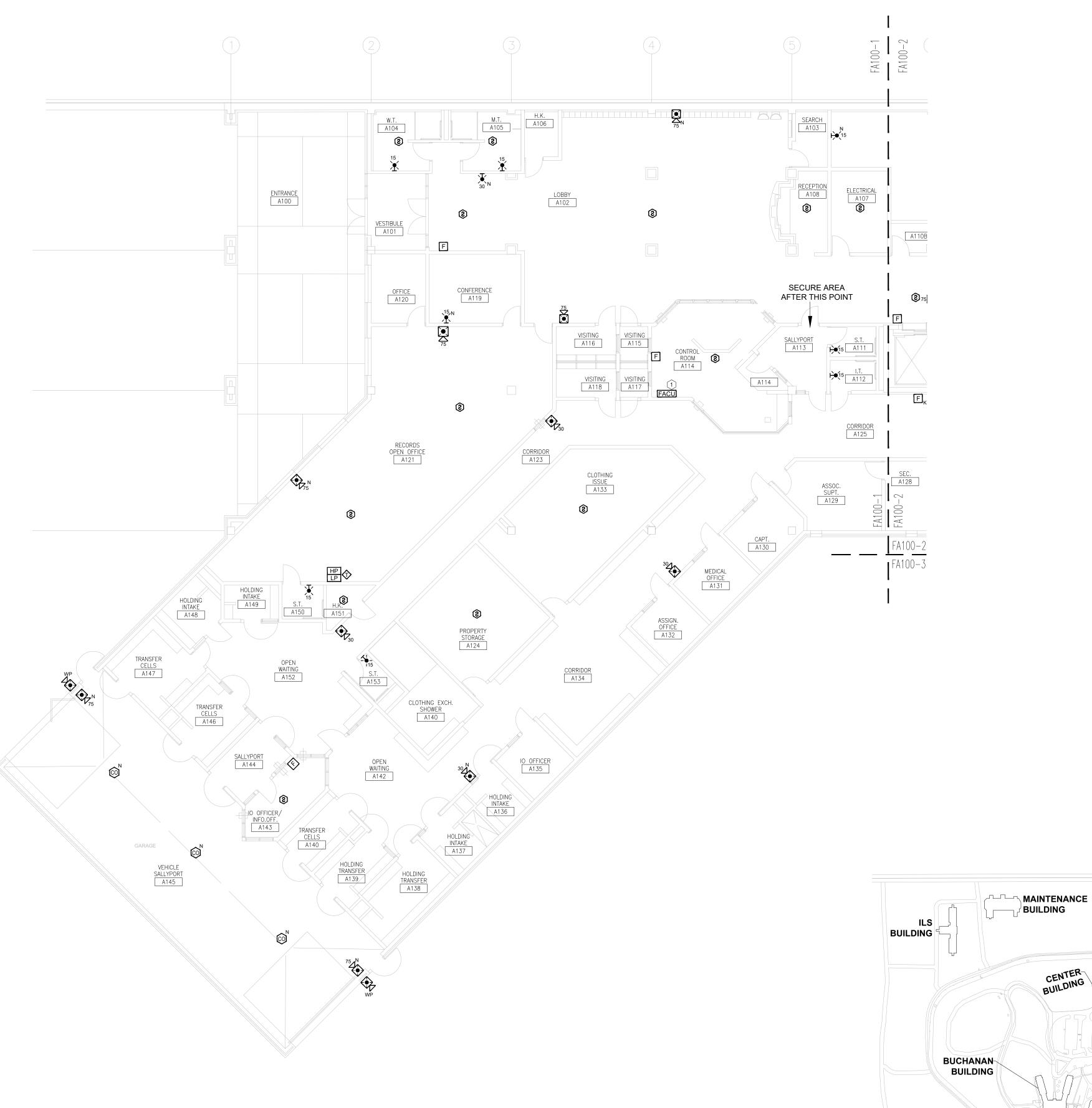
CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

ISSUE DATE:

ADMIN BUILDING -FIRST FLOOR FIRE ALARM PLAN

SHEET NUMBER: FA-100



ADMINISTRATION BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-1

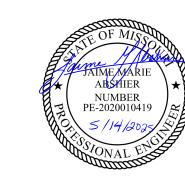
SCALE: 3/32" = 1'-0"

KEY NOTES FOR ADMINISTRATION BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 IN HOUSING UNITS REPLACE DUCT MOUNTED SMOKE DETECTOR WITH WEATHER PROOF SMOKE DETECTOR OR DUCT DETECTOR. WIRING SHALL BE PLENUM AND RATED FOR WET CONDITIONS OR PROVIDE ROUTING IN CONDUIT WITH LIQUID TIGHT FLEX CONNECTIONS TO AVOID DAMAGE IF OFFENDER FLOODS CELL AND CHASE.
- 3 PROVIDE MONITOR MODULE FOR KITCHEN HOOD SUPPRESSION SYSTEM MONITORING BY THE FIRE ALARM SYSTEM.
- 4 PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.
- (5) MECHANICAL CRAWLSPACE NOT OCCUPIABLE
- (6) EACH AHU HAS TWO CONTROLLERS ASSUME EACH DUCT DETECTOR WILL REQUIRE A SEPARATE CONTROL MODULE FOR FAN SHUTDOWN.

GENERAL NOTES:

1. REFER TO DETAIL OF CELL SMOKE DETECTOR INSTALLATION FOR ORIGINAL MOUNTED SMOKE DETECTOR INSTALLATION DETAILS.



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**

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3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063 ASSET#

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: **REVISION:** DATE:

ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

ADMIN BUILDING FIRST FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER: FA-100-1

KEY PLAN 7 OF 61 SHEETS 05/13/2025

PARK BUILDING

LAUNDRY

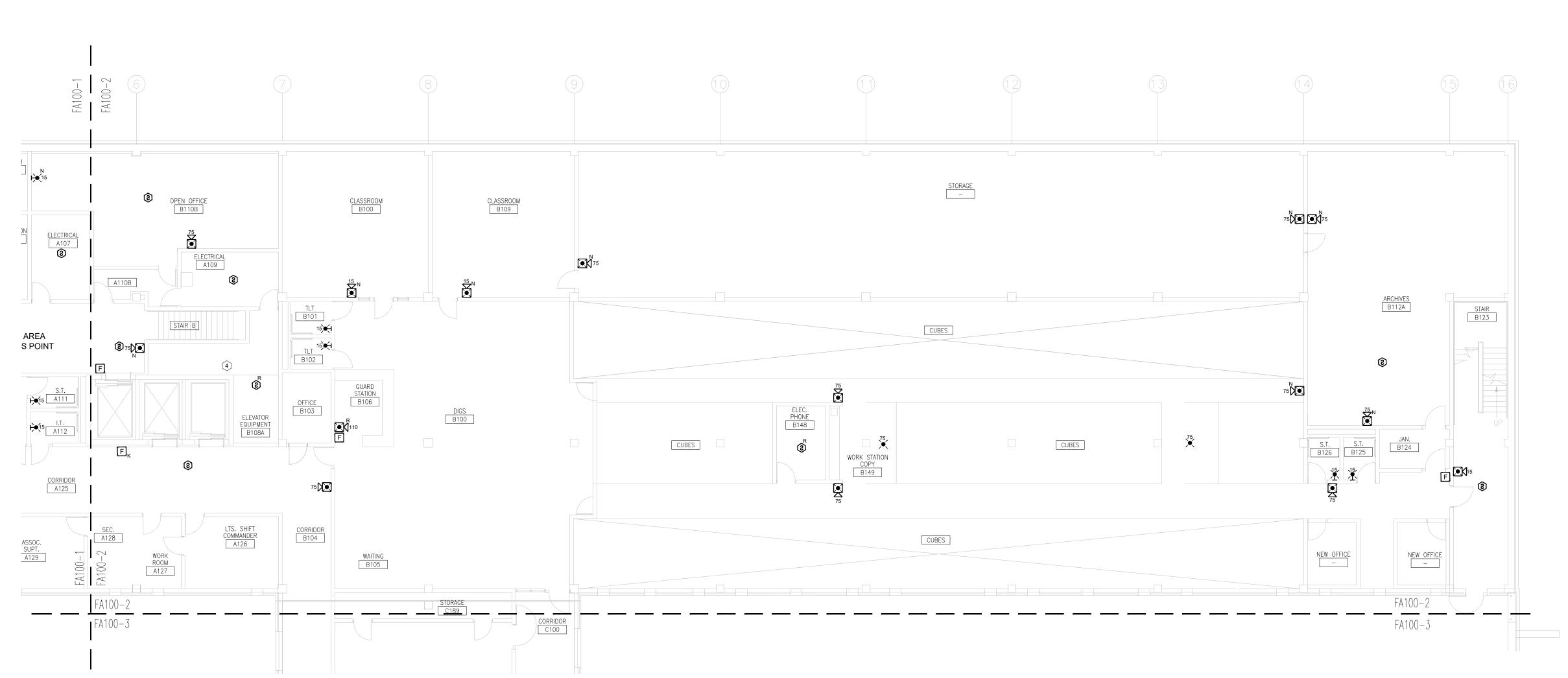
BUILDING

- PROPERTY

STORAGE **BUILDING**

EDUCATION BUILDING

BUILDING



KEY NOTES FOR ADMINISTRATION BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
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STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**

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OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

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7012 9327012063

REVISION: 100% BID SET
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REVISION: DATE: REVISION: DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY:

DESIGNED BY: SHEET TITLE:

ISSUE DATE:

ADMIN BUILDING FIRST FLOOR FIRE ALARM PLAN PART-2

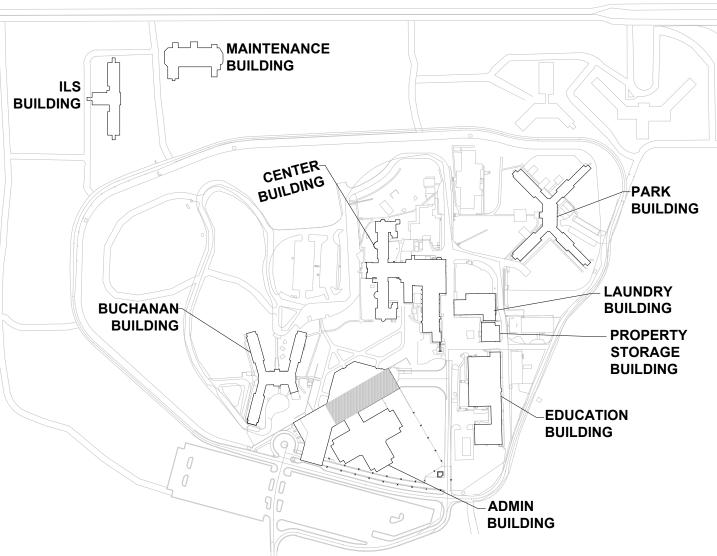
SHEET NUMBER: FA-100-2

8 OF 61 SHEETS 05/13/2025

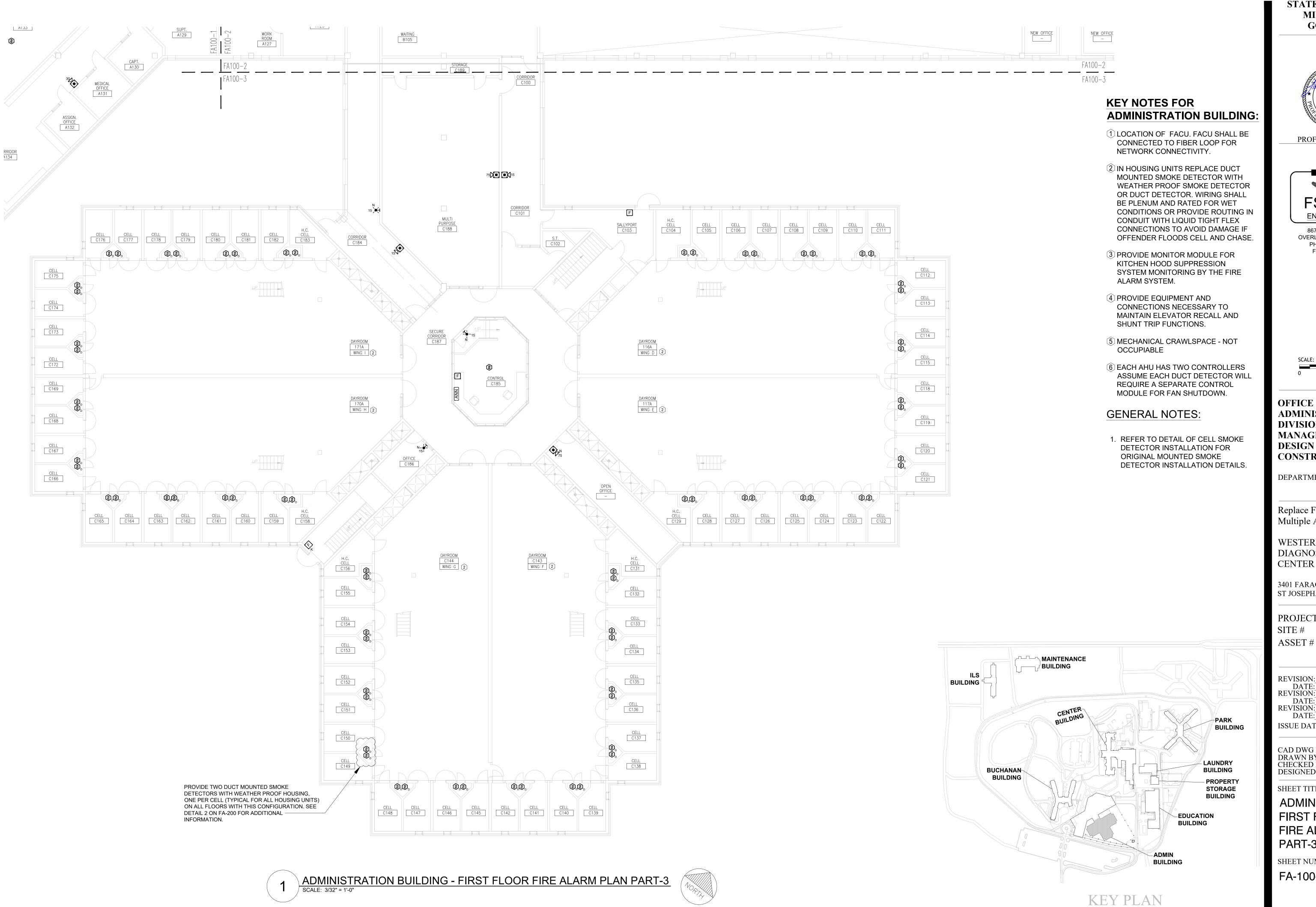
ADMINISTRATION BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-2

SCALE: 3/32" = 1'-0"





KEY PLAN



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

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DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063

REVISION: 100% BID SET DATE: 05/14/2025 **REVISION:** DATE: **REVISION:** DATE:

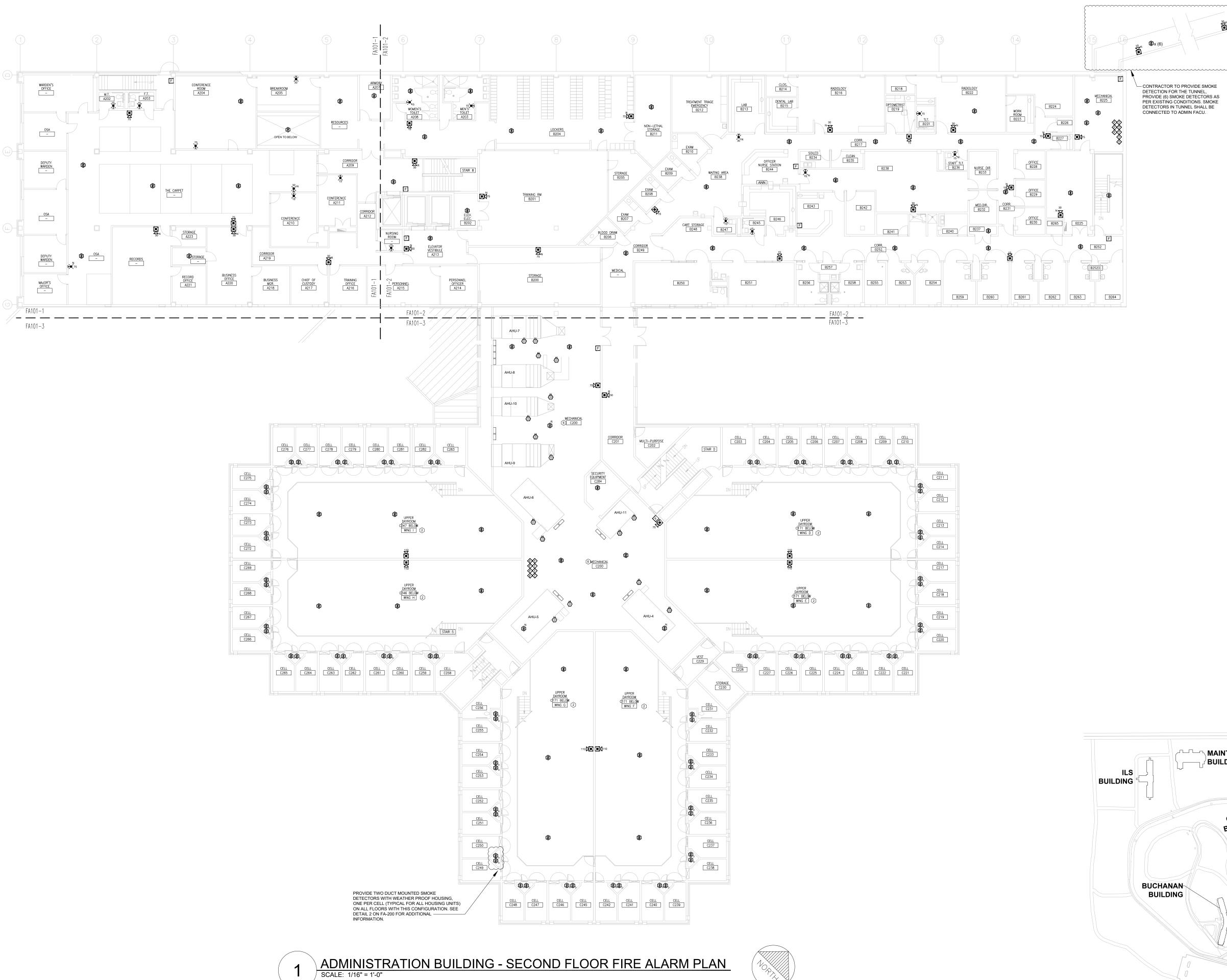
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SHEET TITLE:

ADMIN BUILDING FIRST FLOOR FIRE ALARM PLAN PART-3

SHEET NUMBER: FA-100-3



KEY NOTES FOR ADMINISTRATION BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
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GENERAL NOTES:

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BUILDING

BUILDING

BUILDING

BUILDING

BUILDING

BUILDING

PARK
BUILDING

PROPERTY

STORAGE
BUILDING

BUILDING

ADMIN
BUILDING

KEY PLAN

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

OFFICE OF
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Replace Fire Alarm Panels, Multiple Assets

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3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION: DATE:

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DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

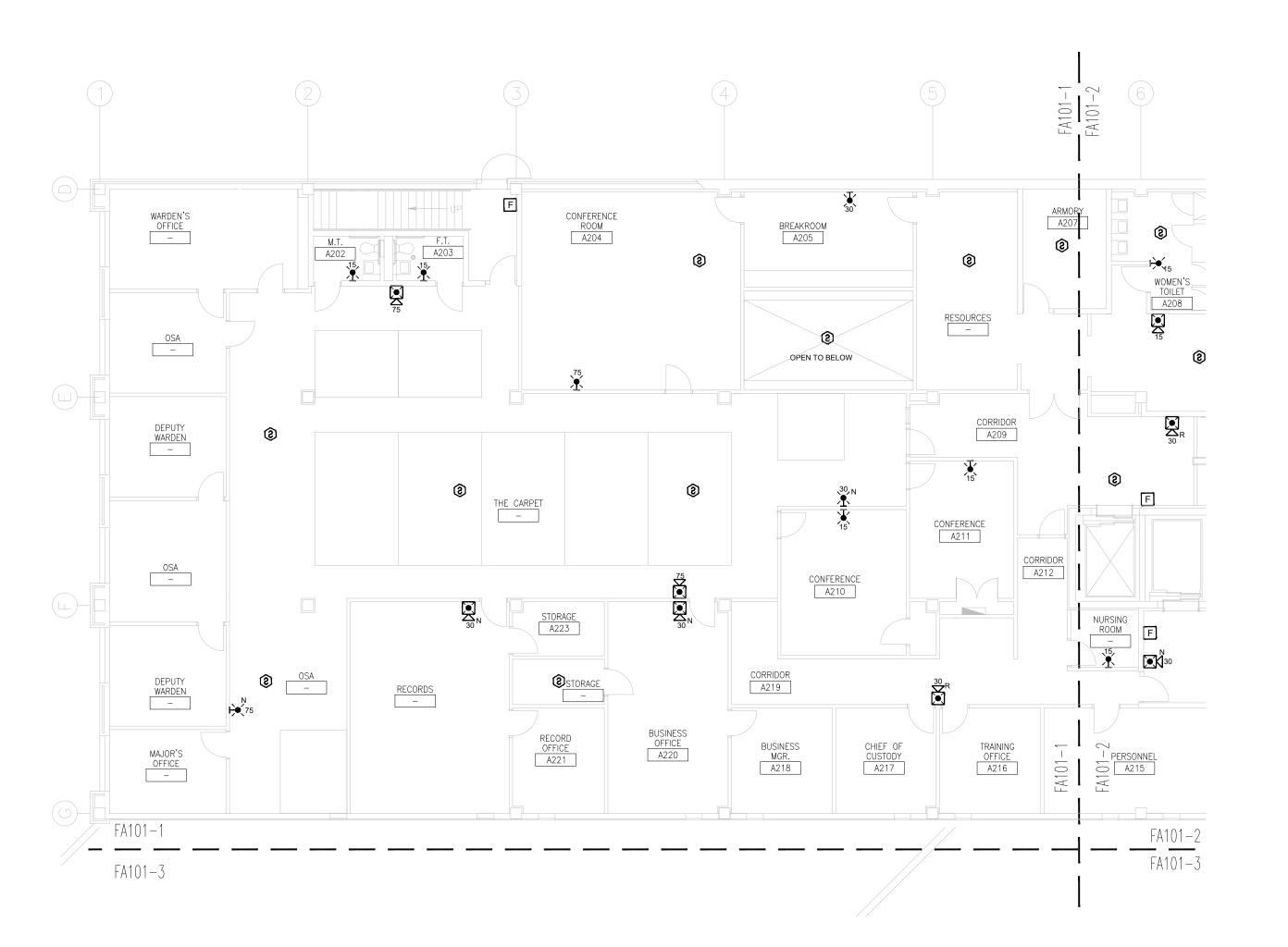
SHEET TITLE:

ISSUE DATE:

ADMIN BUILDING SECOND FLOOR FIRE ALARM PLAN

SHEET NUMBER:

FA-101



ADMINISTRATION BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-1
SCALE: 3/32" = 1'-0"



KEY NOTES FOR ADMINISTRATION BUILDING:

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GENERAL NOTES:

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STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**





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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET
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ISSUE DATE:

DATE:

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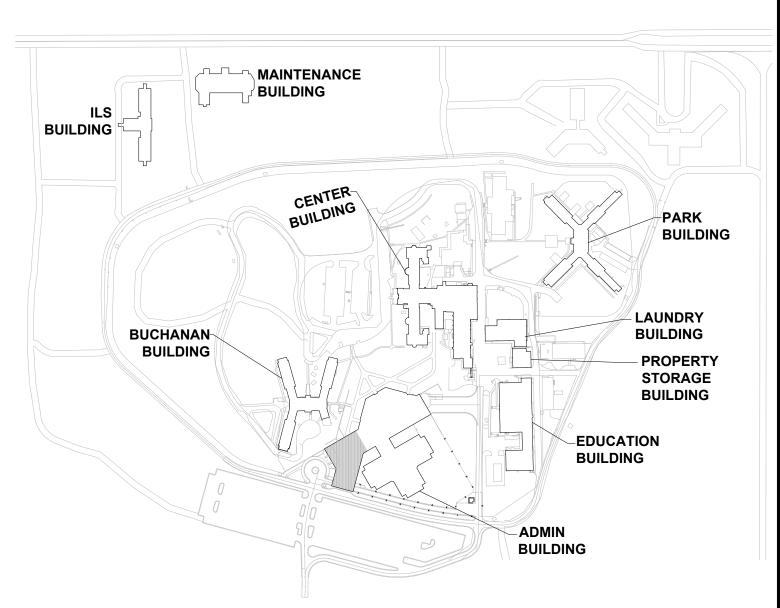
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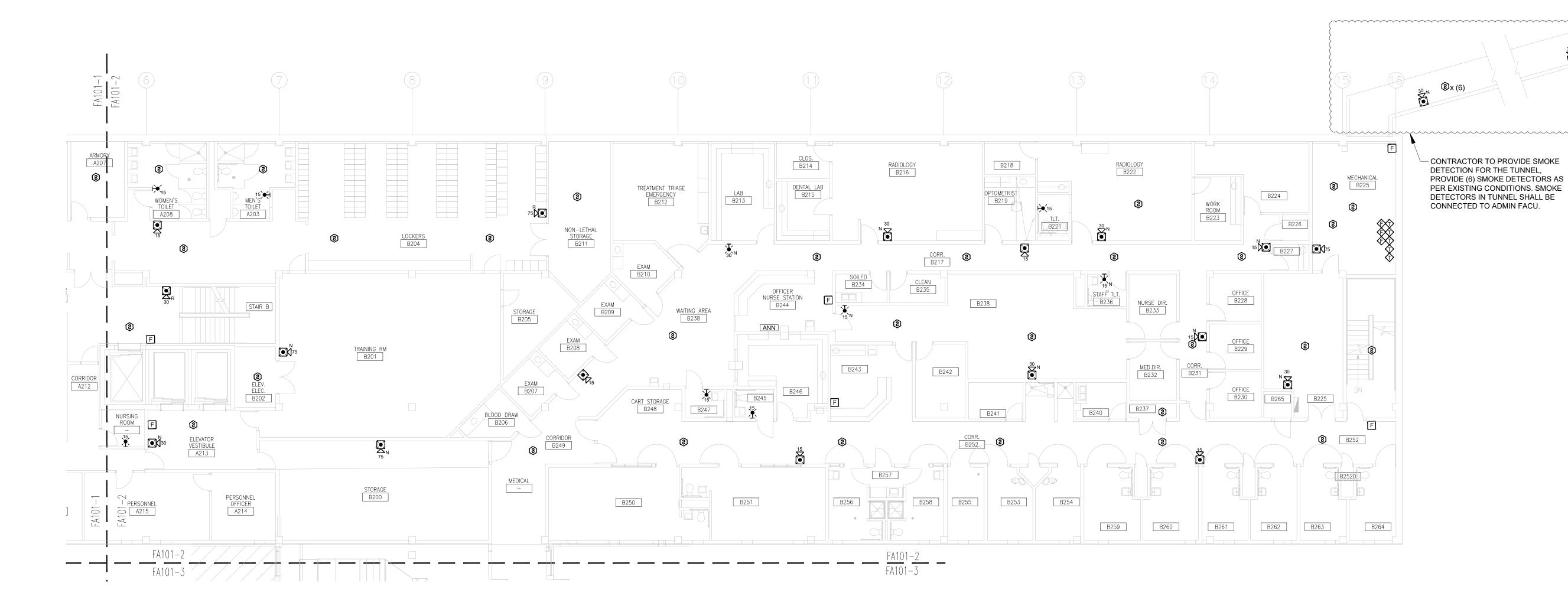
SHEET NUMBER:

FA-101-1

11 OF 61 SHEETS 05/13/2025



KEY PLAN



ADMINISTRATION BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-2









PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

7012

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

9327012063

REVISION: 100% BID SET DATE: 05/14/2025 **REVISION:** DATE: **REVISION:** DATE:

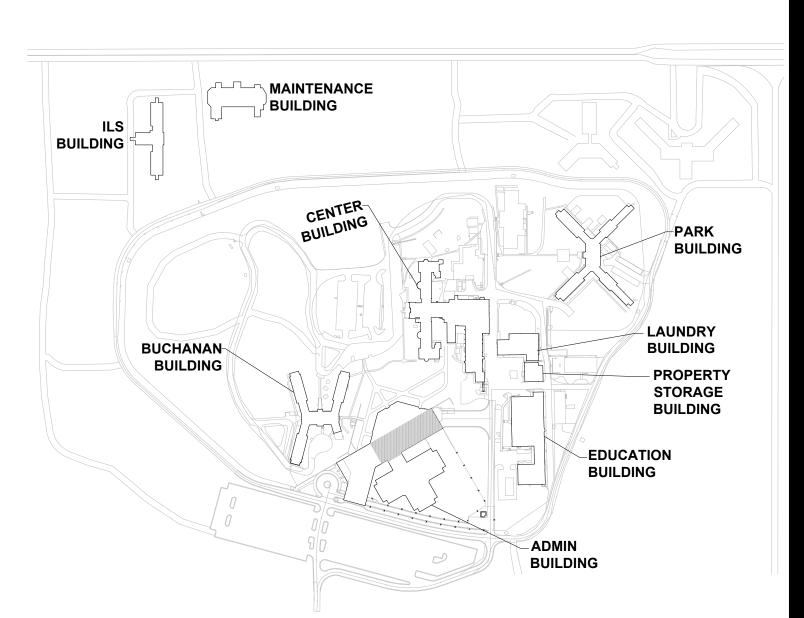
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SHEET TITLE:

ADMIN BUILDING SECOND FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER: FA-101-2

12 OF 61 SHEETS 05/13/2025



KEY PLAN

KEY NOTES FOR

ADMINISTRATION BUILDING:

1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR

2 IN HOUSING UNITS REPLACE DUCT

MOUNTED SMOKE DETECTOR WITH

WEATHER PROOF SMOKE DETECTOR

CONDITIONS OR PROVIDE ROUTING IN CONDUIT WITH LIQUID TIGHT FLEX CONNECTIONS TO AVOID DAMAGE IF

OFFENDER FLOODS CELL AND CHASE.

OR DUCT DETECTOR. WIRING SHALL

BE PLENUM AND RATED FOR WET

3 PROVIDE MONITOR MODULE FOR

KITCHEN HOOD SUPPRESSION

CONNECTIONS NECESSARY TO

5 MECHANICAL CRAWLSPACE - NOT

6 EACH AHU HAS TWO CONTROLLERS

REQUIRE A SEPARATE CONTROL

1. REFER TO DETAIL OF CELL SMOKE DETECTOR INSTALLATION FOR

DETECTOR INSTALLATION DETAILS.

ORIGINAL MOUNTED SMOKE

MODULE FOR FAN SHUTDOWN.

GENERAL NOTES:

ASSUME EACH DUCT DETECTOR WILL

MAINTAIN ELEVATOR RECALL AND

ALARM SYSTEM.

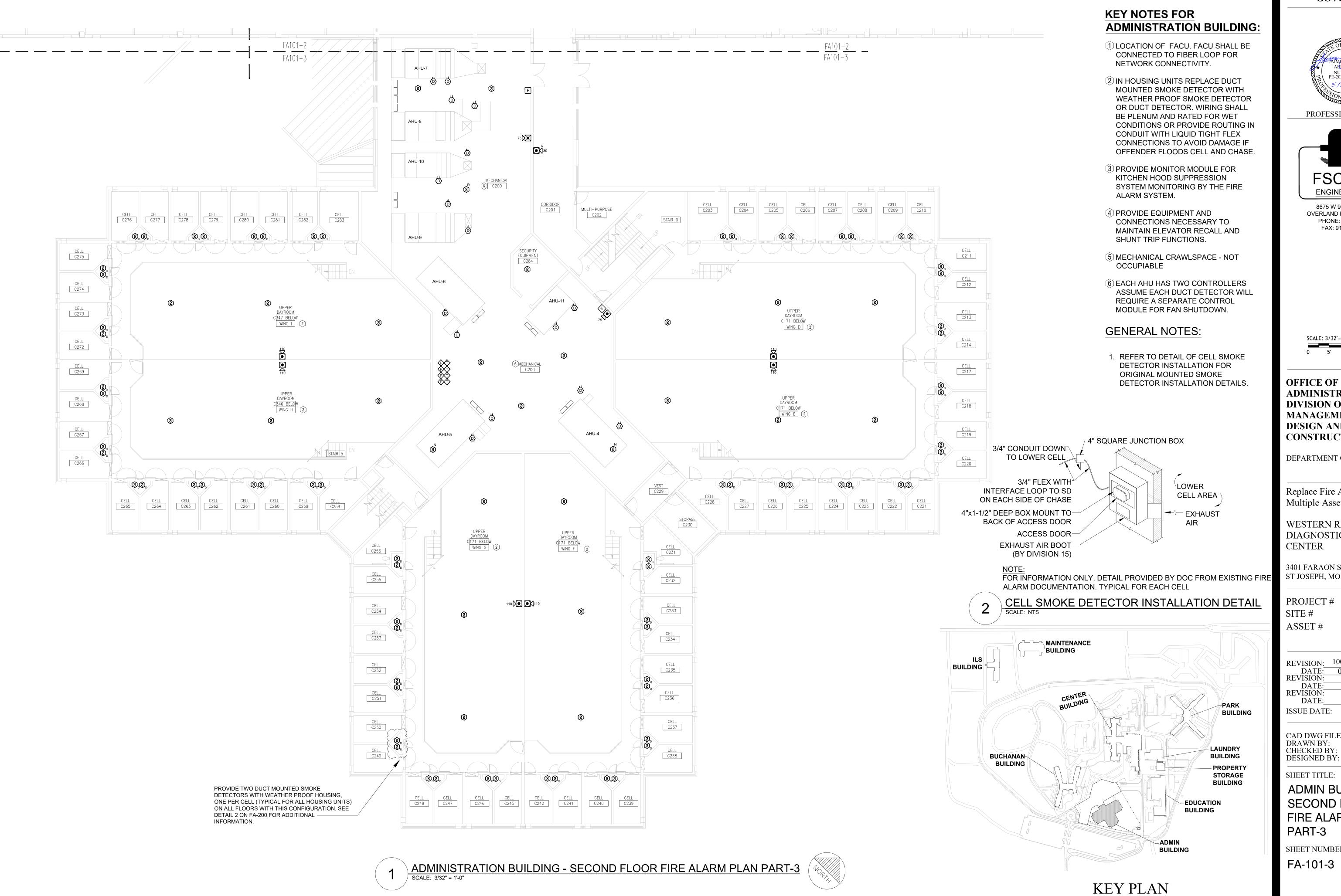
OCCUPIABLE

4 PROVIDE EQUIPMENT AND

SHUNT TRIP FUNCTIONS.

SYSTEM MONITORING BY THE FIRE

NETWORK CONNECTIVITY.



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL

9327012063

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 7012 SITE#

REVISION: 100% BID SET DATE: 05/14/2025 **REVISION:** DATE: REVISION:

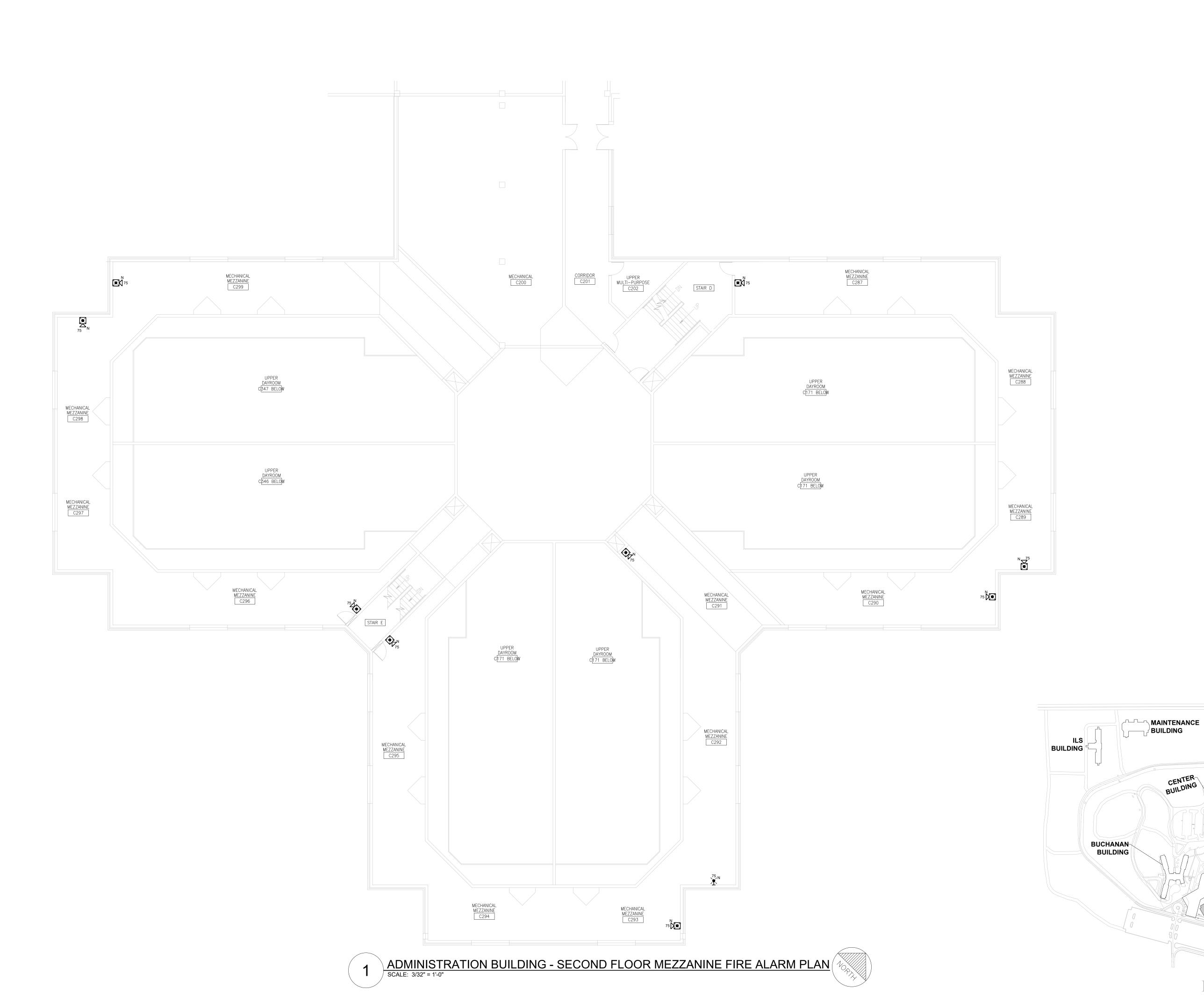
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CAD DWG FILE:_ DRAWN BY: __ CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

ADMIN BUILDING SECOND FLOOR FIRE ALARM PLAN PART-3

SHEET NUMBER:



KEY NOTES FOR ADMINISTRATION BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
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STATE OF MISSOURI

PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION: DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

ISSUE DATE:

PARK BUILDING

LAUNDRY

BUILDING

- PROPERTY

STORAGE **BUILDING**

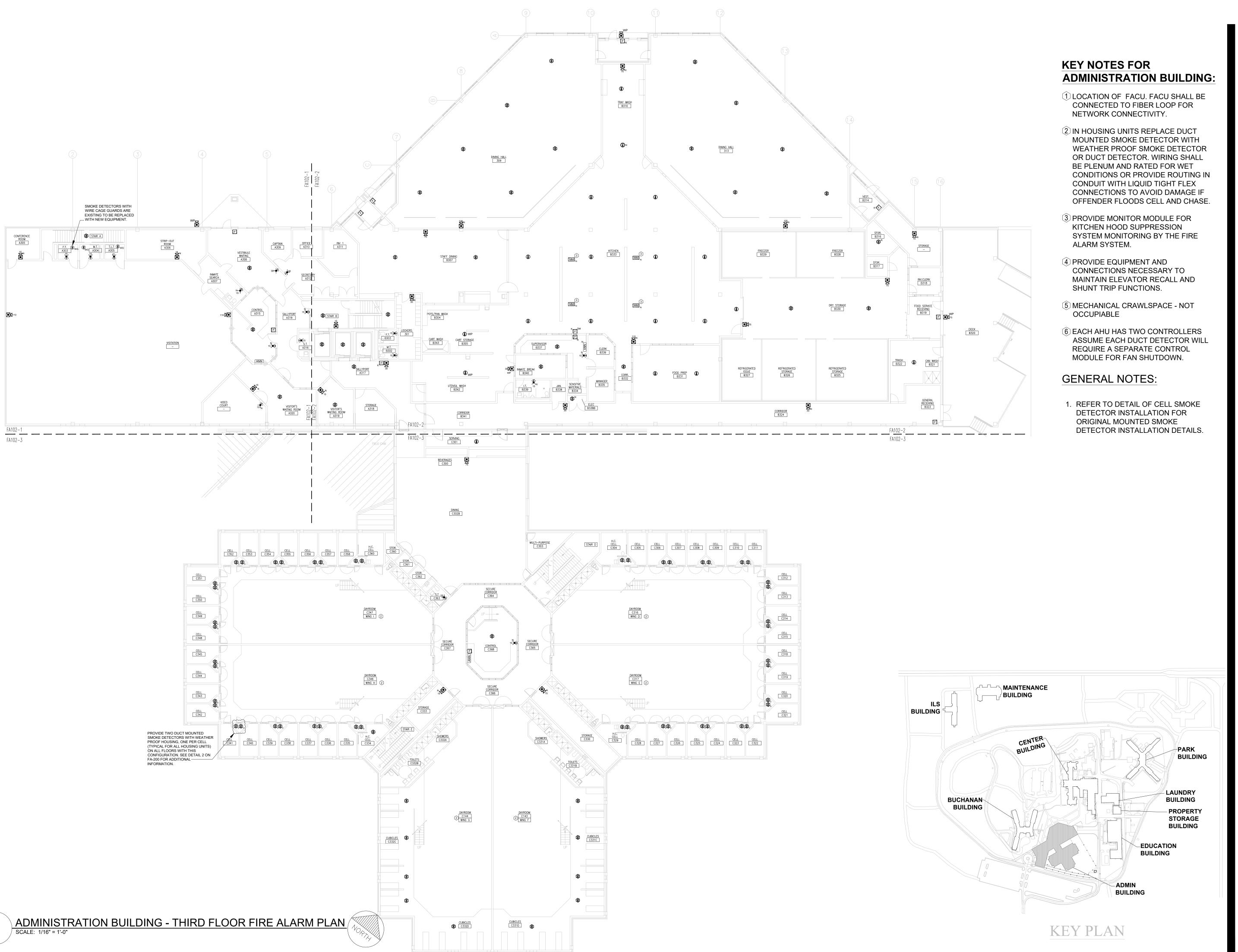
EDUCATION BUILDING

BUILDING

KEY PLAN

ADMIN BUILDING SECOND FLOOR MEZZANINE FIRE ALARM PLAN

SHEET NUMBER: FA-101-4



STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

ADMINISTRATION

OFFICE OF

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

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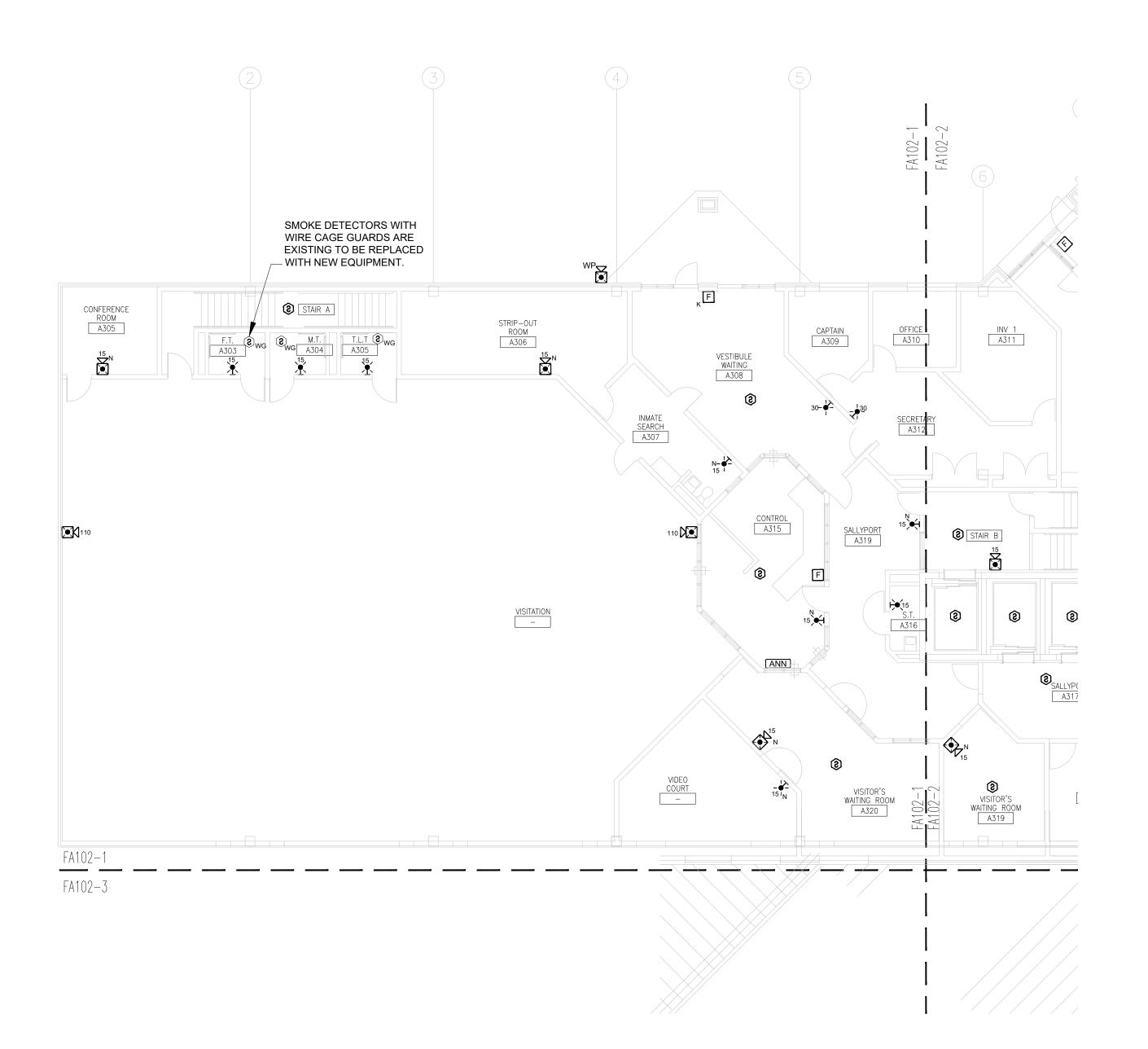
CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

ADMIN BUILDING THIRD FLOOR FIRE ALARM PLAN

SHEET NUMBER:

FA-102



ADMINISTRATION BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-1
SCALE: 3/32" = 1'-0"



KEY NOTES FOR ADMINISTRATION BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 IN HOUSING UNITS REPLACE DUCT MOUNTED SMOKE DETECTOR WITH WEATHER PROOF SMOKE DETECTOR OR DUCT DETECTOR. WIRING SHALL BE PLENUM AND RATED FOR WET CONDITIONS OR PROVIDE ROUTING IN CONDUIT WITH LIQUID TIGHT FLEX CONNECTIONS TO AVOID DAMAGE IF OFFENDER FLOODS CELL AND CHASE.
- 3 PROVIDE MONITOR MODULE FOR KITCHEN HOOD SUPPRESSION SYSTEM MONITORING BY THE FIRE ALARM SYSTEM.
- 4 PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.
- (5) MECHANICAL CRAWLSPACE NOT OCCUPIABLE
- 6 EACH AHU HAS TWO CONTROLLERS ASSUME EACH DUCT DETECTOR WILL REQUIRE A SEPARATE CONTROL MODULE FOR FAN SHUTDOWN.

GENERAL NOTES:

1. REFER TO DETAIL OF CELL SMOKE DETECTOR INSTALLATION FOR ORIGINAL MOUNTED SMOKE DETECTOR INSTALLATION DETAILS.





PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION:

DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

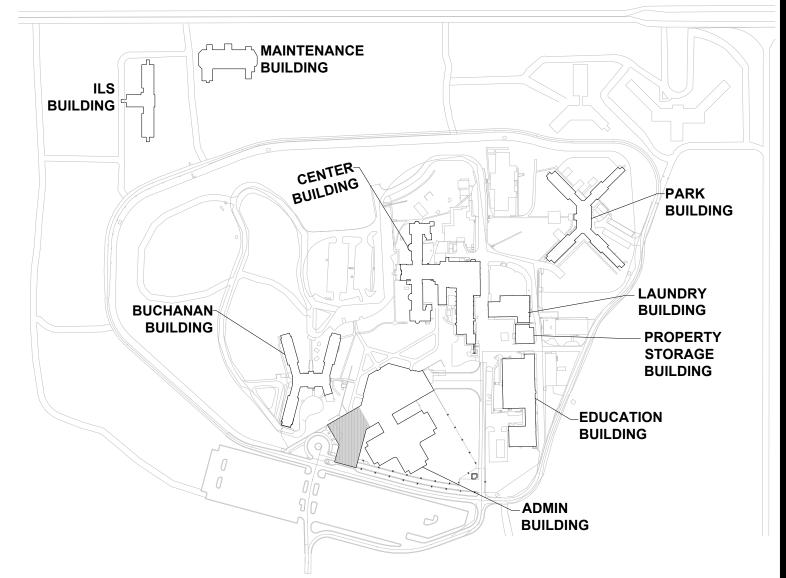
SHEET TITLE:

ADMIN BUILDING THIRD FLOOR FIRE ALARM PLAN PART-1

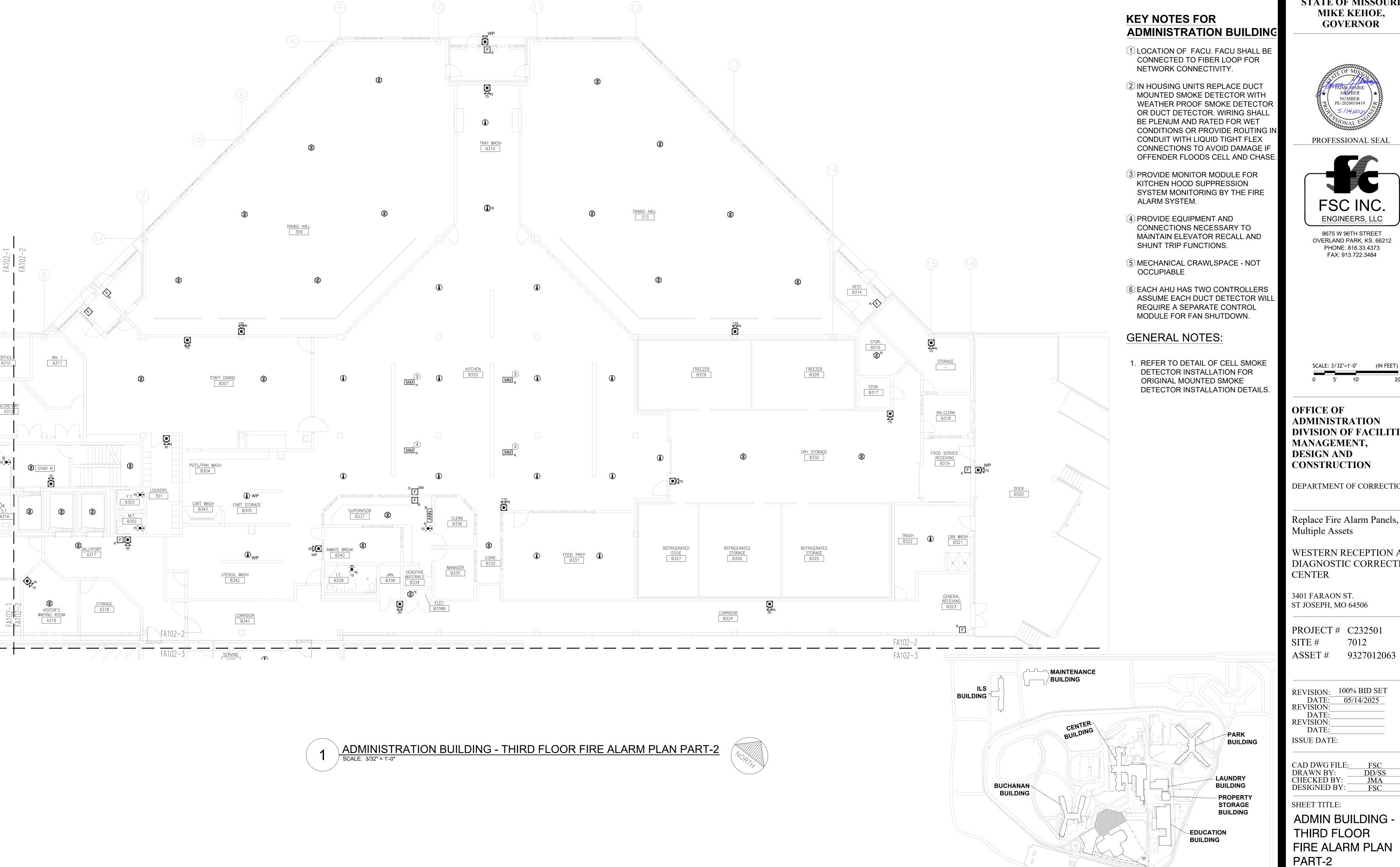
SHEET NUMBER:

FA-102-1

16 OF 61 SHEETS 05/13/2025



KEY PLAN



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels,

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION:

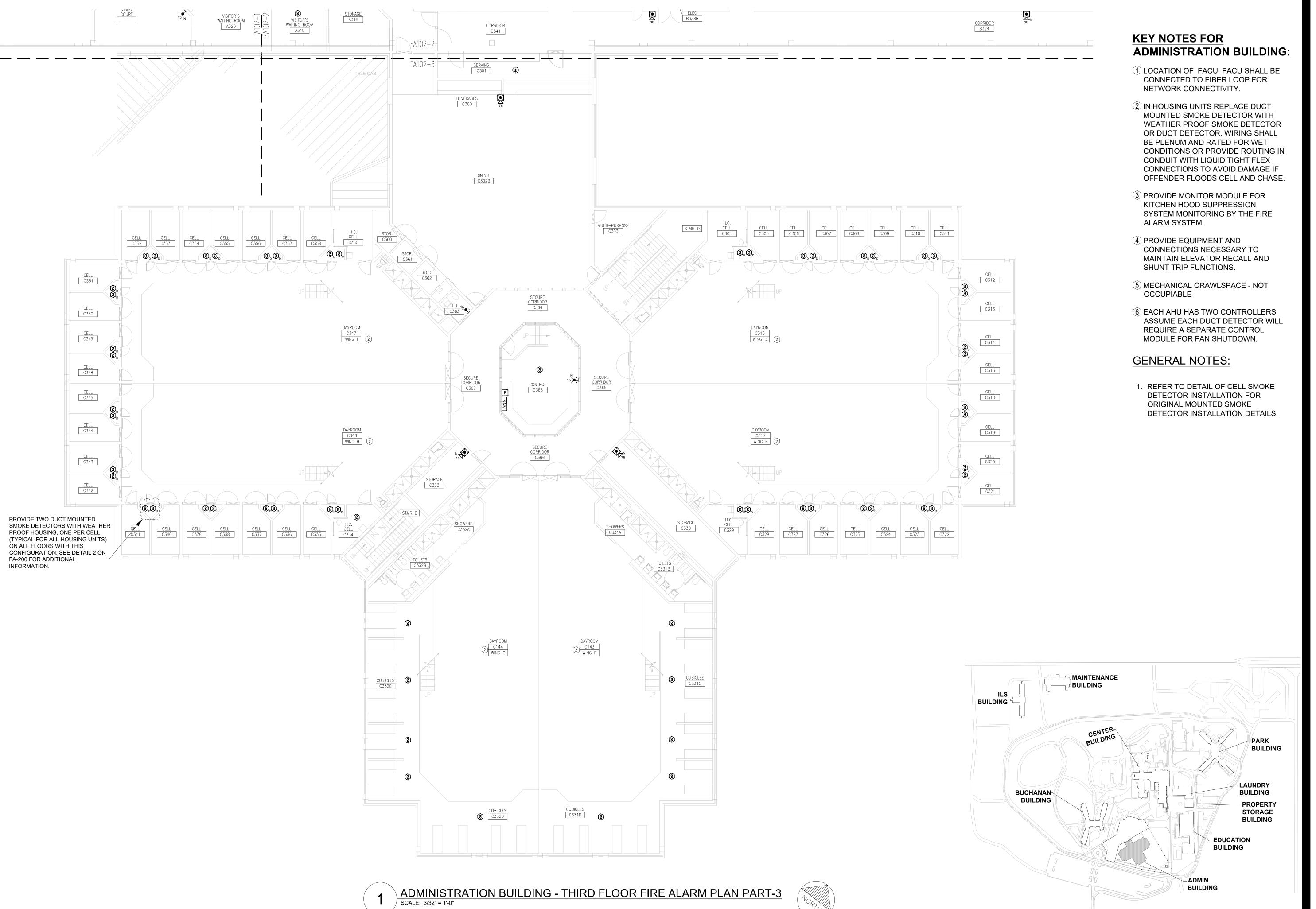
ADMIN BUILDING -THIRD FLOOR FIRE ALARM PLAN

SHEET NUMBER:

BUILDING

KEY PLAN

FA-102-2



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

7012

9327012063

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

REVISION: 100% BID SET

DATE: 05/14/2025 **REVISION:** DATE: **REVISION:** DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

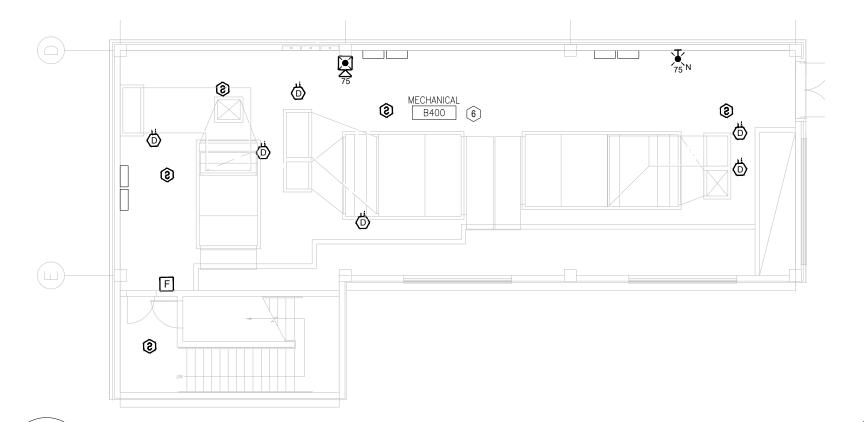
SHEET TITLE:

ADMIN BUILDING THIRD FLOOR FIRE ALARM PLAN PART-3

SHEET NUMBER: FA-102-3

18 OF 61 SHEETS 05/13/2025

KEY PLAN



ADMINISTRATION BUILDING - PENTHOUSE FIRE ALARM PLAN SCALE: 3/32" = 1'-0"

(2), **(3)**,

CELL C412

CELL C413

CELL C414

CELL C415

CELL C418

CELL C419

CELL C420

CELL C421

 CELL
 <th

DAYROOM

2 116A

WING D

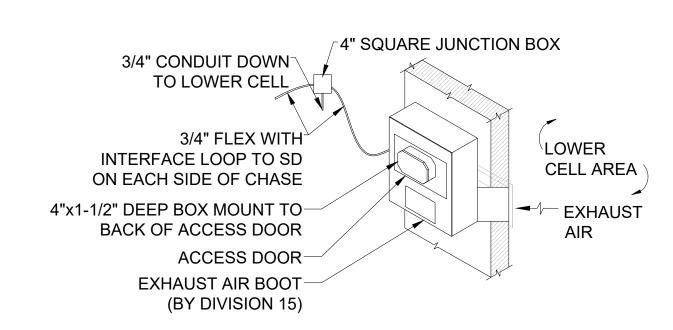
 CELL
 <td

ADMINISTRATION BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 IN HOUSING UNITS REPLACE DUCT MOUNTED SMOKE DETECTOR WITH WEATHER PROOF SMOKE DETECTOR OR DUCT DETECTOR. WIRING SHALL BE PLENUM AND RATED FOR WET CONDITIONS OR PROVIDE ROUTING IN CONDUIT WITH LIQUID TIGHT FLEX CONNECTIONS TO AVOID DAMAGE IF OFFENDER FLOODS CELL AND CHASE.
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- 4 PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.
- (5) MECHANICAL CRAWLSPACE NOT OCCUPIABLE
- (6) EACH AHU HAS TWO CONTROLLERS ASSUME EACH DUCT DETECTOR WILL REQUIRE A SEPARATE CONTROL MODULE FOR FAN SHUTDOWN.

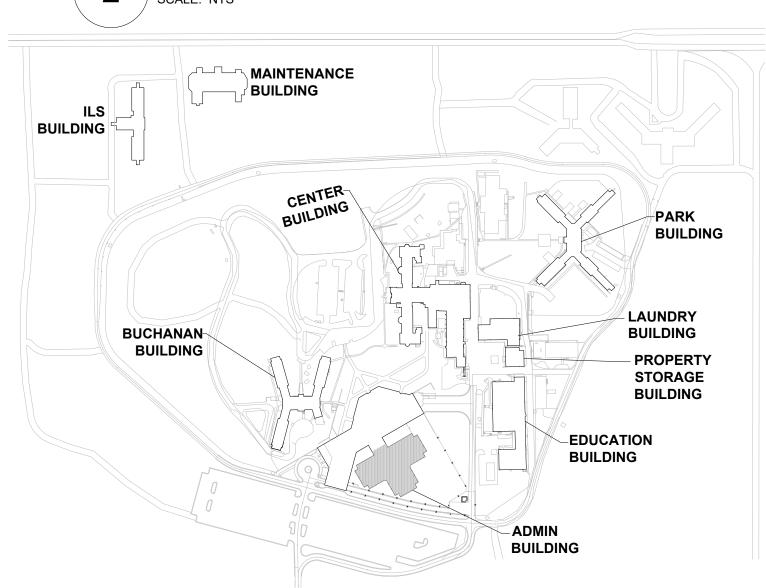
GENERAL NOTES:

1. REFER TO DETAIL OF CELL SMOKE DETECTOR INSTALLATION FOR ORIGINAL MOUNTED SMOKE DETECTOR INSTALLATION DETAILS.



FOR INFORMATION ONLY. DETAIL PROVIDED BY DOC FROM EXISTING FIRE ALARM DOCUMENTATION. TYPICAL FOR EACH CELL

CELL SMOKE DETECTOR INSTALLATION DETAIL



KEY PLAN





STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**

PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 7012 9327012063 ASSET#

REVISION: 100% BID SET DATE: 05/14/2025 **REVISION:** DATE: **REVISION:** DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY:

DESIGNED BY:

SHEET TITLE:

ISSUE DATE:

ADMIN BUILDING FOURTH FLOOR & PENTHOUSE FIRE ALARM PLAN

SHEET NUMBER: FA-103-1

05/13/2025

19 OF 61 SHEETS

ADMINISTRATION BUILDING - FOURTH FLOOR FIRE ALARM PLAN

UPPER DAYROOM

143A

WING F

UPPER MULTI-PURPOSE

STORAGE C430C

(3)

CUBICLES C431B

VESTIBULE C430A

STORAGE C430B

CUBICLES C431A

UPPER DINING ROOM C302 BELOW

MECHANICAL C460

STORAGE C433

UPPER DAYROOM

2 144A

WING G

CUBICLES C432B

DAYROOM

171A

WING I

M | | | | | | | DN

CUBICLES C432A

 CELL
 CELL
 CELL

 C437
 C436
 C435

 CELL
 <th

®.**®**.

®,**®**,

PROVIDE TWO DUCT MOUNTED

PROOF HOUSING, ONE PER CELL (TYPICAL FOR ALL HOUSING UNITS)

CONFIGURATION. SEE DETAIL 2 ON

ON ALL FLOORS WITH THIS

FA-200 FOR ADDITIONAL

INFORMATION.

SMOKE DETECTORS WITH WEATHER

 CELL
 CELL
 CELL
 CELL
 CELL
 C438

 C441
 C440
 C439
 C438
 C438

CELL C451

CELL C450

CELL C449

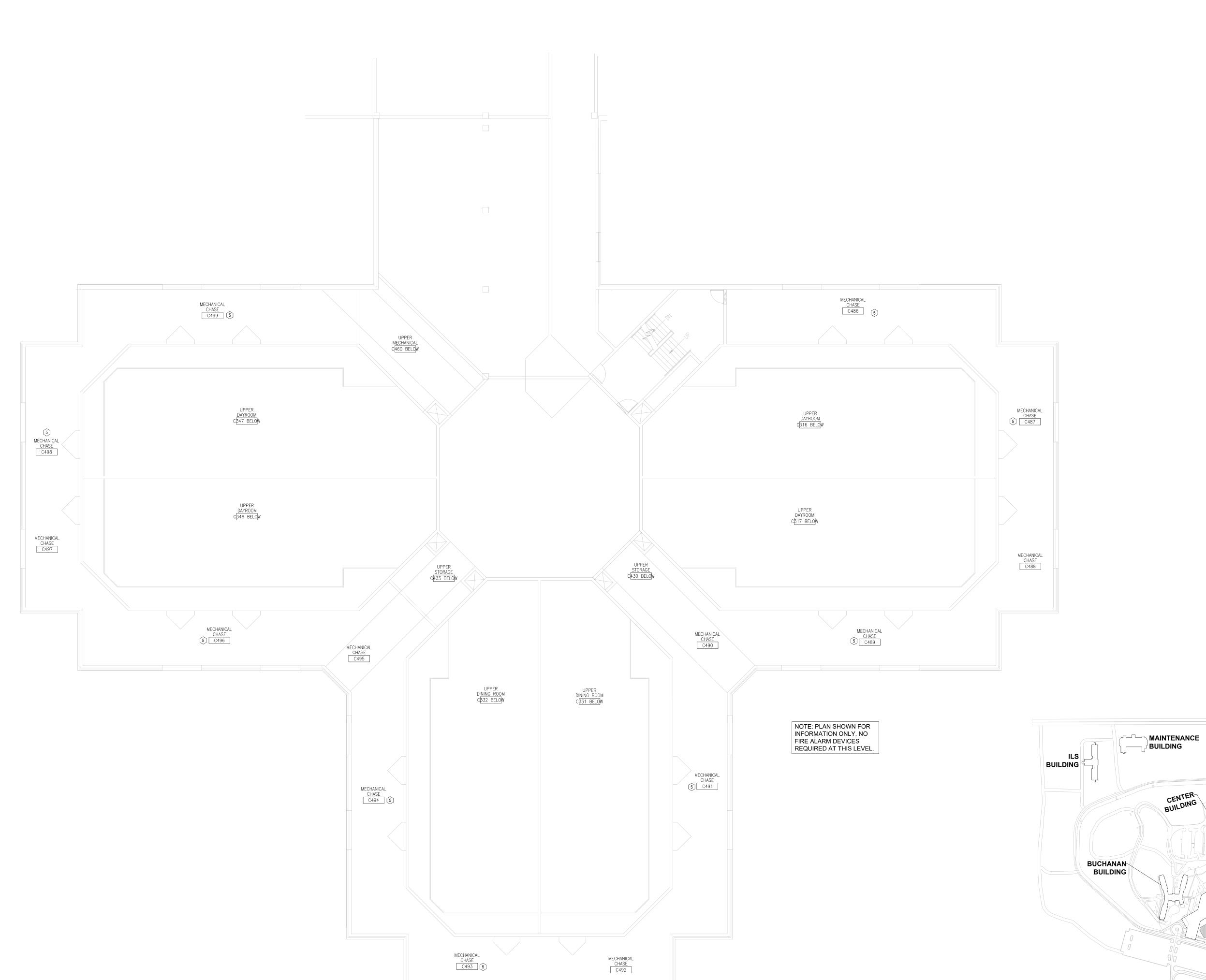
CELL C448

CELL C445

CELL C444

CELL C443

CELL C442



ADMINISTRATION BUILDING - FOURTH FLOOR MEZZANINE FIRE ALARM PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES FOR ADMINISTRATION BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 IN HOUSING UNITS REPLACE DUCT MOUNTED SMOKE DETECTOR WITH WEATHER PROOF SMOKE DETECTOR OR DUCT DETECTOR. WIRING SHALL BE PLENUM AND RATED FOR WET CONDITIONS OR PROVIDE ROUTING IN CONDUIT WITH LIQUID TIGHT FLEX CONNECTIONS TO AVOID DAMAGE IF OFFENDER FLOODS CELL AND CHASE.
- 3 PROVIDE MONITOR MODULE FOR KITCHEN HOOD SUPPRESSION SYSTEM MONITORING BY THE FIRE ALARM SYSTEM.
- 4 PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.
- (5) MECHANICAL CRAWLSPACE NOT OCCUPIABLE
- 6 EACH AHU HAS TWO CONTROLLERS ASSUME EACH DUCT DETECTOR WILL REQUIRE A SEPARATE CONTROL MODULE FOR FAN SHUTDOWN.

GENERAL NOTES:

1. REFER TO DETAIL OF CELL SMOKE DETECTOR INSTALLATION FOR ORIGINAL MOUNTED SMOKE DETECTOR INSTALLATION DETAILS. MIKE KEHOE, **GOVERNOR**



STATE OF MISSOURI

PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION:

DATE: ISSUE DATE:

PARK BUILDING

LAUNDRY

BUILDING

- PROPERTY

STORAGE **BUILDING**

EDUCATION BUILDING

BUILDING

KEY PLAN

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

ADMIN BUILDING FOURTH FLOOR MEZZANINE FIRE ALARM PLAN

SHEET NUMBER: FA-103-2



BUCHANAN BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-1
SCALE: 3/32" = 1'-0"

KEY NOTES FOR BUCHANAN BUILDING:

1) STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE DUE TO NFPA 72 DB REQUIREMENTS AND ANTICIPATED AMBIENT SOUND LEVELS.

2 RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.

3 LOCATION OF FACU, FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. EACH WING AND LEVEL OF THE BUILDING HAS A MECHANICAL ROOM. FOR BIDDING PURPOSES, PROVIDE MINIMUM OF ONE DUCT DETECTOR, ONE SMOKE DETECTOR AND THE REQUIRED CONTROL MODULE (S) FOR AHU SHUTDOWN.
- 3. DOORS EXIST WHERE DOOR HOLDS ARE SHOWN. PROVIDE DOOR HOLDS FOR DOORS LOCATED WITHIN THE RESIDENTIAL WING HALLWAYS SERVING THE FROM AREAS. THE DISTANCE BETWEEN THE DOORHEADER AND CEILING WAS OBSERVED TO BE LESS THAN 12 INCHES.
- 4. FIELD LOCATE AND PROVIDE ONE TAMPER AND ONE FLOW SWITCH ON THE SPRINKLER MAIN SERVING EACH FLOOR LEVEL.
- 5. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE.
- 6. RELOCATE SMOKE DETECTORS AS NECESSARY TO ENSURE FULL COVERAGE OF RESIDENTIAL HALLS AND THAT DOOR HOLDS ARE PROVIDED A SMOKE DETECTOR FOR ACTIVATION WITHIN 5FT OF THE DOOR THEY SERVE PER NFPA 72.
- 7. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 ASSET# 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: **REVISION:**

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

DATE:

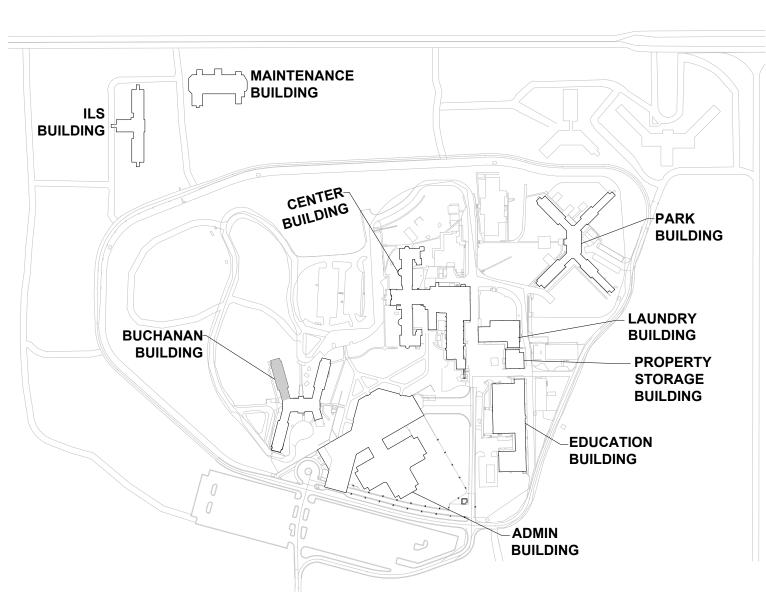
ISSUE DATE:

BUCHANAN BUILDING FIRST FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-200-1

21 OF 61 SHEETS 05/13/2025



KEY PLAN



BUCHANAN BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-2

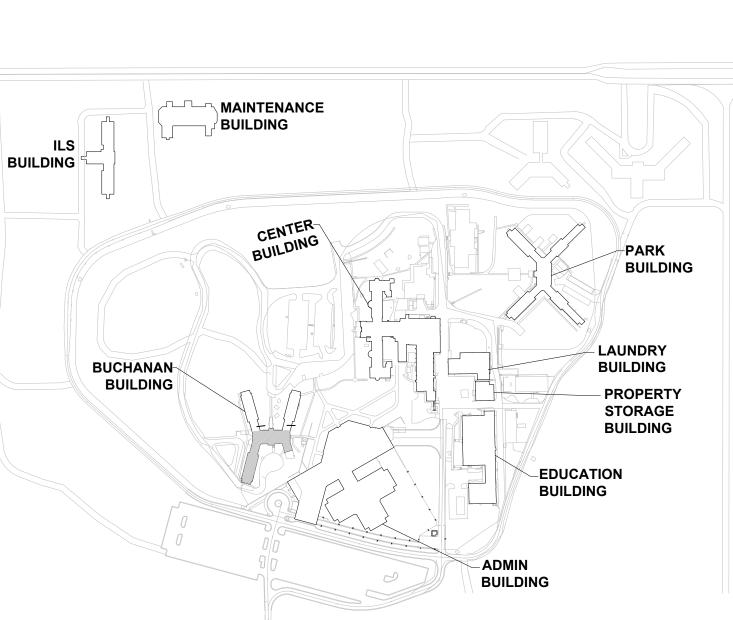
NORTH

KEY NOTES FOR BUCHANAN BUILDING:

- 1 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE DUE TO NFPA 72 DB REQUIREMENTS AND ANTICIPATED AMBIENT SOUND LEVELS.
- 2 RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.
- 3 LOCATION OF FACU, FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. EACH WING AND LEVEL OF THE BUILDING HAS A MECHANICAL ROOM. FOR BIDDING PURPOSES, PROVIDE MINIMUM OF ONE DUCT DETECTOR, ONE SMOKE DETECTOR AND THE REQUIRED CONTROL MODULE (S) FOR AHU SHUTDOWN.
- 3. DOORS EXIST WHERE DOOR HOLDS ARE SHOWN. PROVIDE DOOR HOLDS FOR DOORS LOCATED WITHIN THE RESIDENTIAL WING HALLWAYS SERVING THE FROM AREAS. THE DISTANCE BETWEEN THE DOORHEADER AND CEILING WAS OBSERVED TO BE LESS THAN 12 INCHES.
- 4. FIELD LOCATE AND PROVIDE ONE TAMPER AND ONE FLOW SWITCH ON THE SPRINKLER MAIN SERVING EACH FLOOR LEVEL.
- 5. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE.
- 6. RELOCATE SMOKE DETECTORS AS NECESSARY TO ENSURE FULL COVERAGE OF RESIDENTIAL HALLS AND THAT DOOR HOLDS ARE PROVIDED A SMOKE DETECTOR FOR ACTIVATION WITHIN 5FT OF THE DOOR THEY SERVE PER NFPA 72.
- 7. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



KEY PLAN

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION:

DATE:

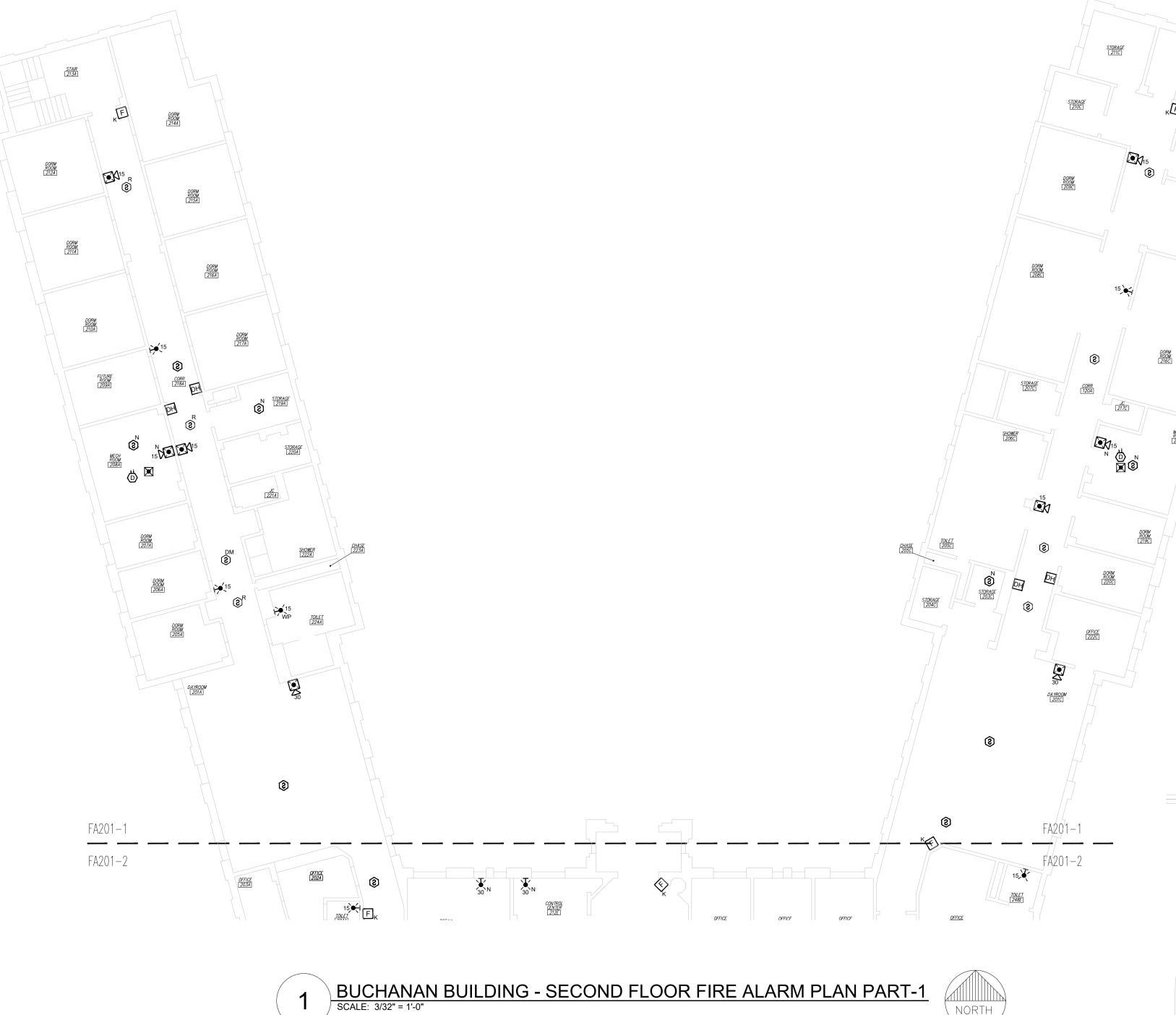
ISSUE DATE:

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

BUCHANAN BUILDING FIRST FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER: FA-200-2

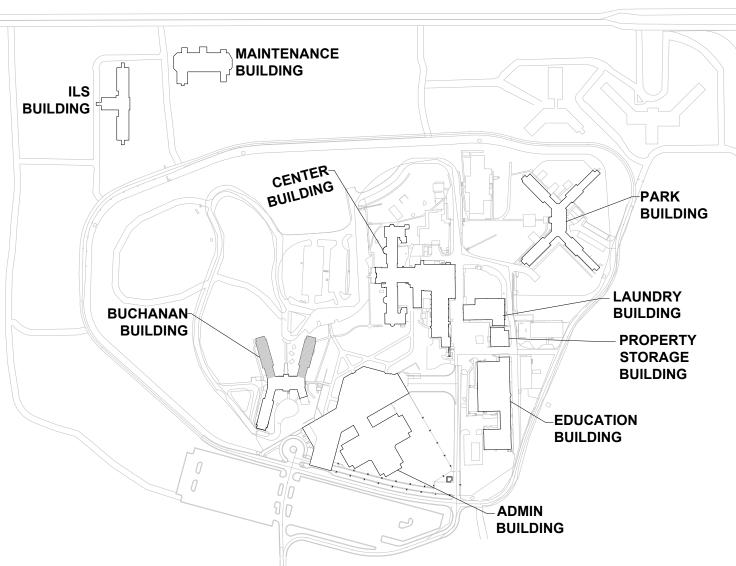


KEY NOTES FOR BUCHANAN BUILDING:

- 1 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE DUE TO NFPA 72 DB REQUIREMENTS AND ANTICIPATED AMBIENT SOUND LEVELS.
- (2) RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.
- (3) LOCATION OF FACU, FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

GENERAL NOTES:

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KEY PLAN

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 ASSET# 9327012063

REVISION: 100% BID SET

DATE: 05/14/2025 **REVISION:** DATE: REVISION: DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

ISSUE DATE:

BUCHANAN BUILDING SECOND FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-201-1



KEY NOTES FOR BUCHANAN BUILDING:

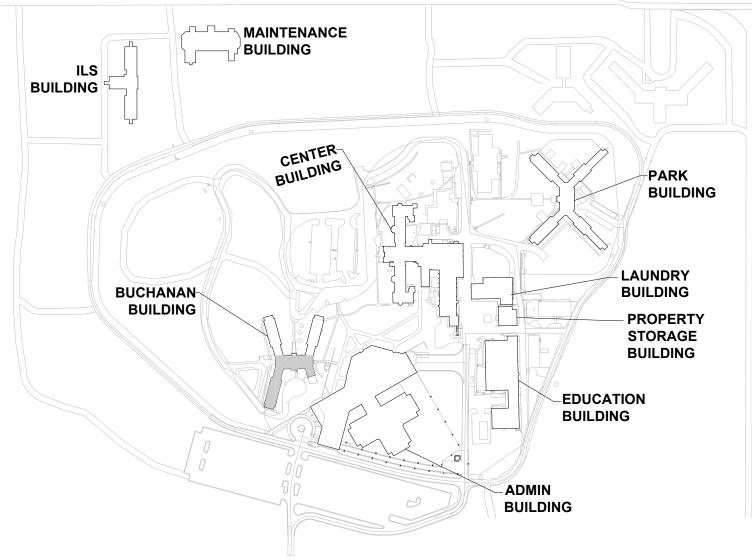
1) STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE DUE TO NFPA 72 DB REQUIREMENTS AND ANTICIPATED AMBIENT SOUND LEVELS.

2 RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.

(3) LOCATION OF FACU, FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

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- 7. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION: DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

ISSUE DATE:

BUCHANAN BUILDING SECOND FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER: FA-201-2

KEY PLAN

310C SHOWER 307C DAYROOM 301A DAYROOM 301C FA202-1 FA202-1 FA202-2 BUCHANAN BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-1

NORTH

SCALE: 3/32" = 1'-0"

KEY NOTES FOR BUCHANAN BUILDING:

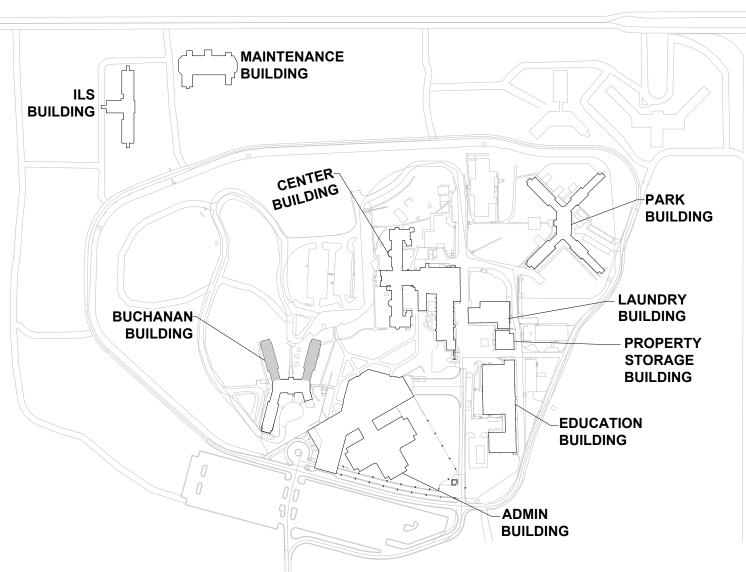
1 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE DUE TO NFPA 72 DB REQUIREMENTS AND ANTICIPATED AMBIENT SOUND LEVELS.

2 RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.

3 LOCATION OF FACU, FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. EACH WING AND LEVEL OF THE BUILDING HAS A MECHANICAL ROOM. FOR BIDDING PURPOSES, PROVIDE MINIMUM OF ONE DUCT DETECTOR, ONE SMOKE DETECTOR AND THE REQUIRED CONTROL MODULE (S) FOR AHU SHUTDOWN.
- 3. DOORS EXIST WHERE DOOR HOLDS ARE SHOWN. PROVIDE DOOR HOLDS FOR DOORS LOCATED WITHIN THE RESIDENTIAL WING HALLWAYS SERVING THE FROM AREAS. THE DISTANCE BETWEEN THE DOORHEADER AND CEILING WAS OBSERVED TO BE LESS THAN 12 INCHES.
- FIELD LOCATE AND PROVIDE ONE TAMPER AND ONE FLOW SWITCH ON THE SPRINKLER MAIN SERVING EACH FLOOR LEVEL.
- 5. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE.
- 6. RELOCATE SMOKE DETECTORS AS NECESSARY TO ENSURE FULL COVERAGE OF RESIDENTIAL HALLS AND THAT DOOR HOLDS ARE PROVIDED A SMOKE DETECTOR FOR ACTIVATION WITHIN 5FT OF THE DOOR THEY SERVE PER NFPA 72.
- 7. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



KEY PLAN

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels,
Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION: DATE:

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

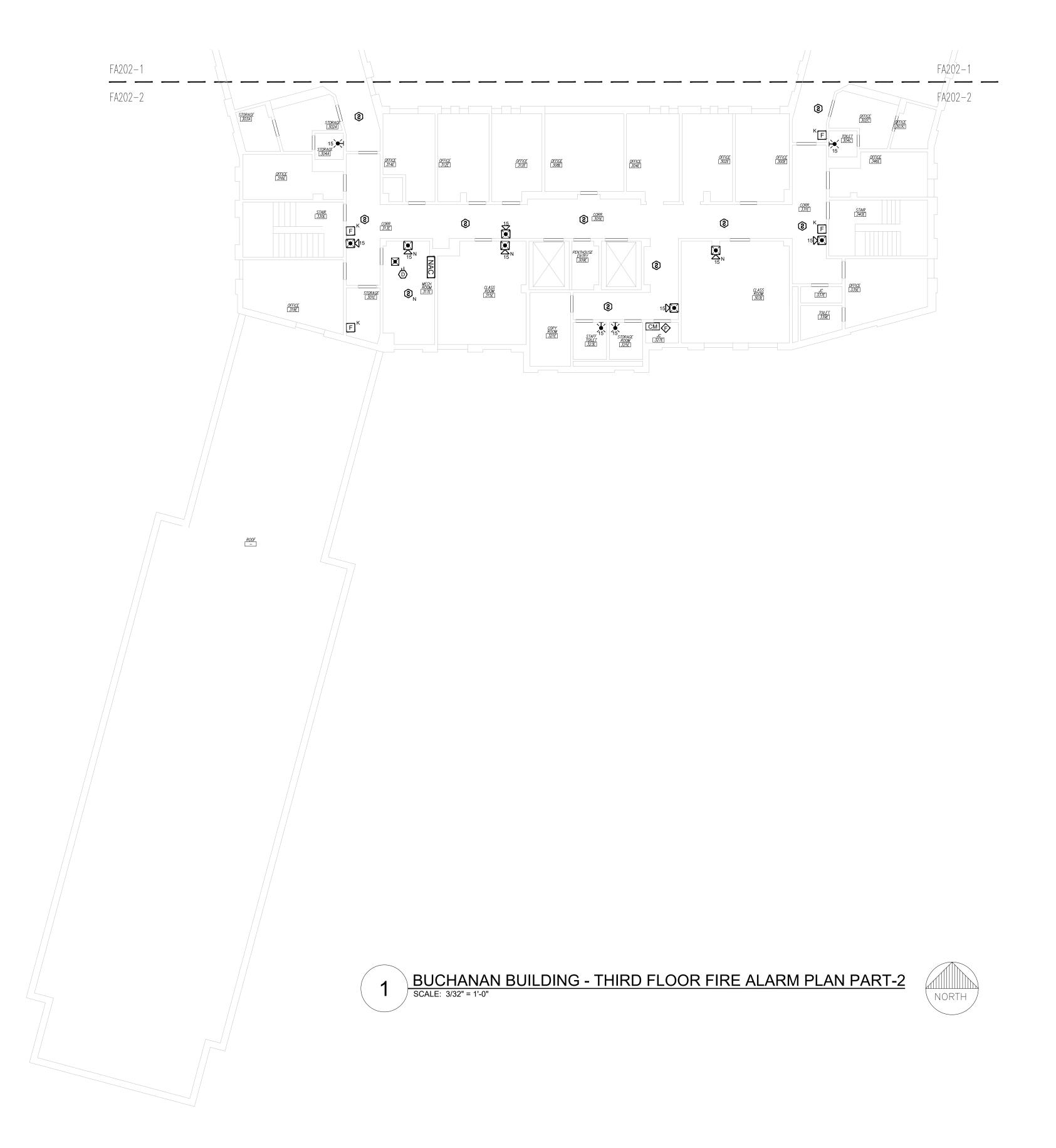
SHEET TITLE:

ISSUE DATE:

BUCHANAN BUILDING THIRD FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-202-1

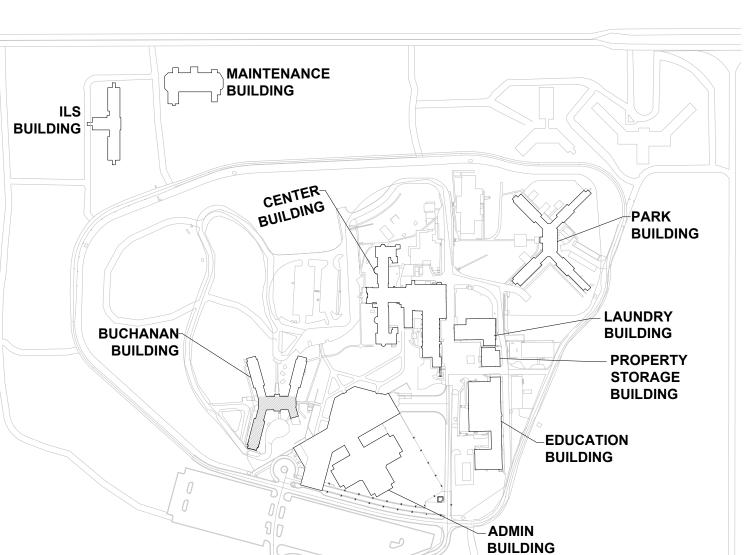


KEY NOTES FOR BUCHANAN BUILDING:

- 1 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE DUE TO NFPA 72 DB REQUIREMENTS AND ANTICIPATED AMBIENT SOUND LEVELS.
- 2 RELOCATED DEVICE TO MEET COVERAGE REQUIREMENTS OF NFPA 72.
- (3) LOCATION OF FACU, FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. EACH WING AND LEVEL OF THE BUILDING HAS A MECHANICAL ROOM. FOR BIDDING PURPOSES, PROVIDE MINIMUM OF ONE DUCT DETECTOR, ONE SMOKE DETECTOR AND THE REQUIRED CONTROL MODULE (S) FOR AHU SHUTDOWN.
- 3. DOORS EXIST WHERE DOOR HOLDS ARE SHOWN. PROVIDE DOOR HOLDS FOR DOORS LOCATED WITHIN THE RESIDENTIAL WING HALLWAYS SERVING THE FROM AREAS. THE DISTANCE BETWEEN THE DOORHEADER AND CEILING WAS OBSERVED TO BE LESS THAN 12 INCHES.
- 4. FIELD LOCATE AND PROVIDE ONE TAMPER AND ONE FLOW SWITCH ON THE SPRINKLER MAIN SERVING EACH FLOOR LEVEL.
- 5. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE.
- 6. RELOCATE SMOKE DETECTORS AS NECESSARY TO ENSURE FULL COVERAGE OF RESIDENTIAL HALLS AND THAT DOOR HOLDS ARE PROVIDED A SMOKE DETECTOR FOR ACTIVATION WITHIN 5FT OF THE DOOR THEY SERVE PER NFPA 72.
- 7. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



KEY PLAN

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 ASSET# 9327012063

REVISION: 100% BID SET DATE: 05/14/2025 REVISION: DATE: **REVISION:**

DATE: ISSUE DATE:

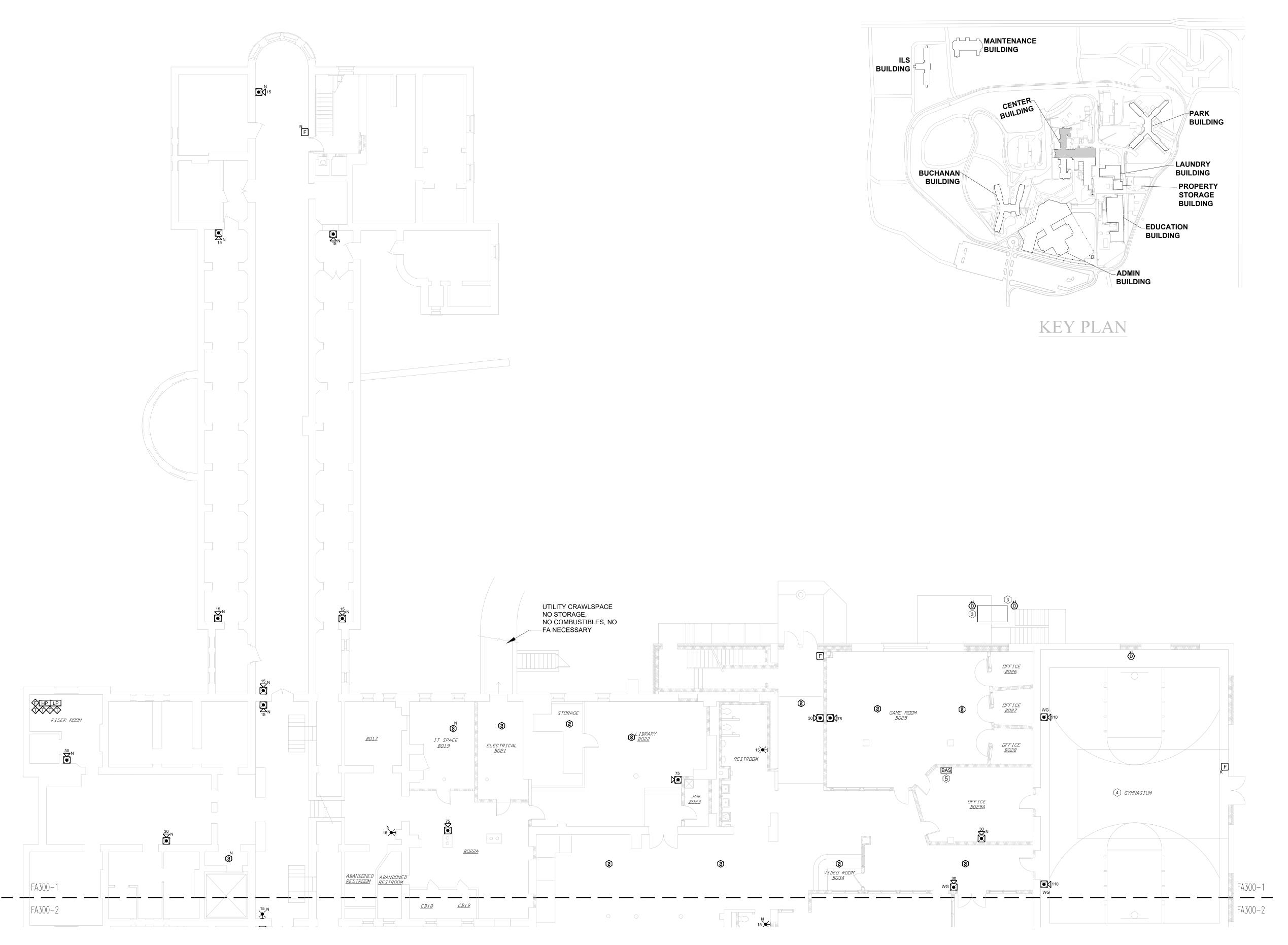
CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

BUCHANAN BUILDING THIRD FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER:

FA-202-2



KEY NOTES FOR CENTER BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.
- 4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA AND MULTI-PURPOSE ROOM.
- (5) EXISTING BAS OBSERVED WITH EXISTING CONTROL MODULES. COORDINATE WITH FACILITIES TO ENSURE EXISTING FUNCTIONALITY IS MAINTAINED.
- (6) ROOF/PENTHOUSE ACCESS.
- (7) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND CONSTRUCTION**

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET DATE: 05/14/2025 REVISION: DATE:

REVISION: DATE:

ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

CENTER BUILDING BASEMENT FLOOR FIRE ALARM PLAN PART-1

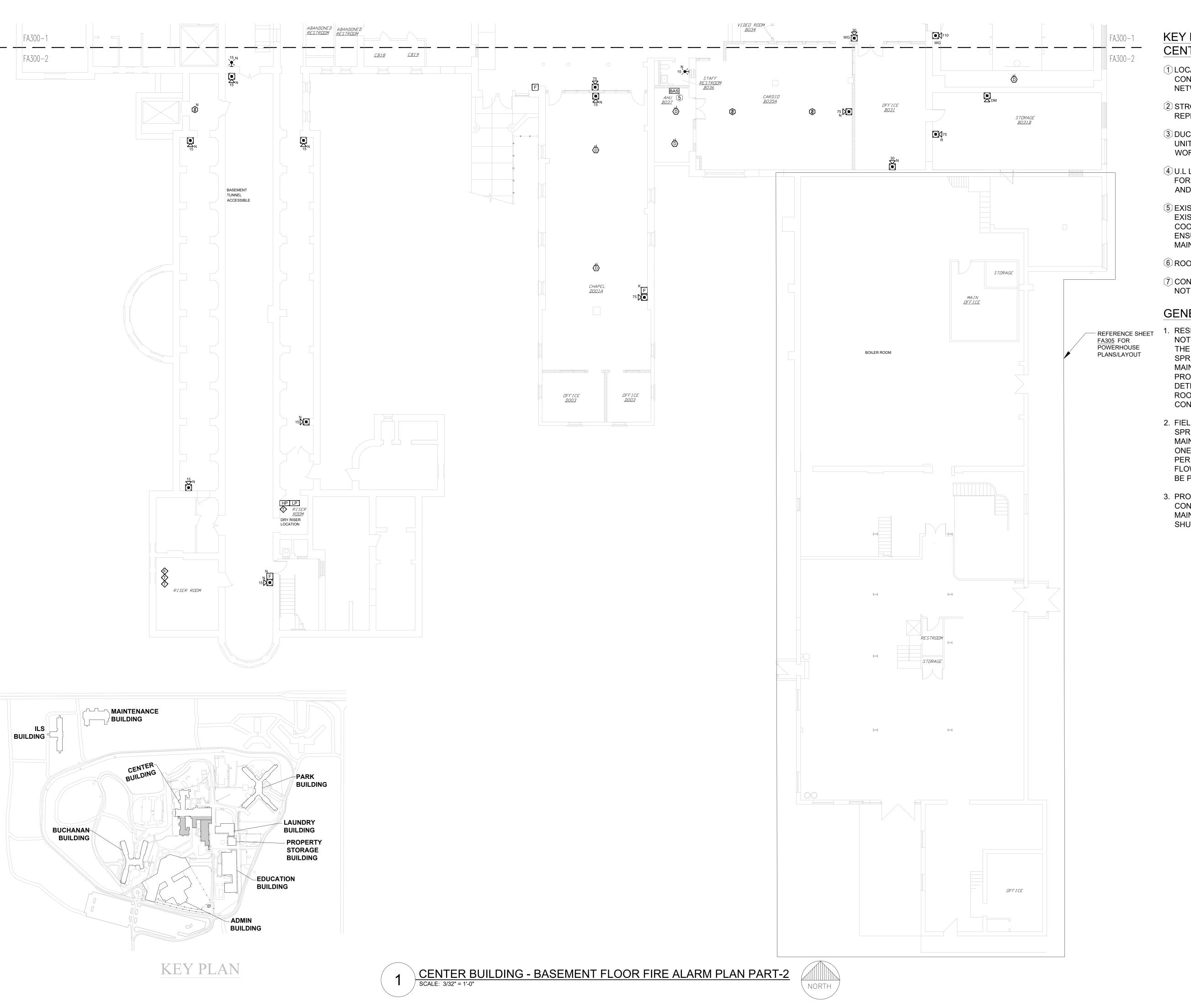
SHEET NUMBER:

FA-300-1

27 OF 61 SHEETS 05/13/2025

CENTER BUILDING - BASEMENT FLOOR FIRE ALARM PLAN PART-1 SCALE: 3/32" = 1'-0"





KEY NOTES FOR CENTER BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.
- 4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA AND MULTI-PURPOSE ROOM.
- (5) EXISTING BAS OBSERVED WITH EXISTING CONTROL MODULES. COORDINATE WITH FACILITIES TO ENSURE EXISTING FUNCTIONALITY IS MAINTAINED.
- 6 ROOF/PENTHOUSE ACCESS.
- (7) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

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- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. PROVIDE EQUIPMENT AND
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 MAINTAIN ELEVATOR RECALL AND
 SHUNT TRIP FUNCTIONS.

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
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OFFICE OF

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels,
Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION:

DATE: REVISION: DATE:

DATE:___ ISSUE DATE:

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

CENTER BUILDING BASEMENT FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER:

FA-300-2



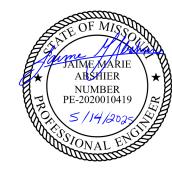
KEY NOTES FOR CENTER BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.
- 4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA AND MULTI-PURPOSE ROOM.
- (5) EXISTING BAS OBSERVED WITH **EXISTING CONTROL MODULES.** COORDINATE WITH FACILITIES TO ENSURE EXISTING FUNCTIONALITY IS MAINTAINED.
- 6 ROOF/PENTHOUSE ACCESS.
- (7) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

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- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
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STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET DATE: 05/14/2025 REVISION: DATE:

REVISION: DATE:

ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

CENTER BUILDING FIRST FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

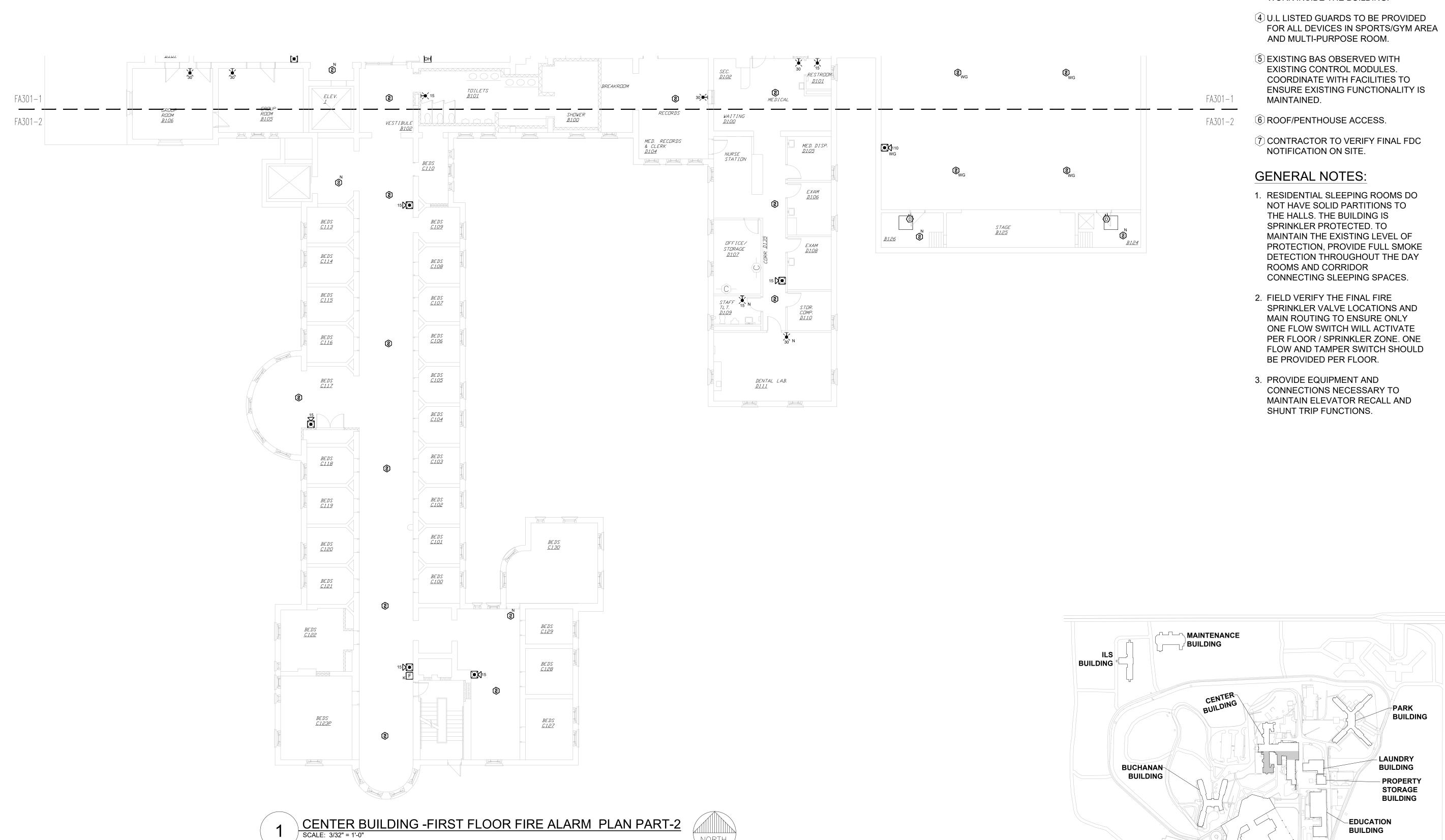
FA-301-1

29 OF 61 SHEETS 05/13/2025

CENTER BUILDING -FIRST FLOOR FIRE ALARM PLAN PART-1

SCALE: 3/32" = 1'-0"

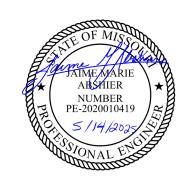




KEY NOTES FOR CENTER BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
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DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION:

ISSUE DATE:

CAD DWG FILE: FS
DRAWN BY: DD/

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

DATE:

CENTER BUILDING FIRST FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER:

BUILDING

KEY PLAN

FA-301-2



CENTER BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-1

SCALE: 3/32" = 1'-0"

KEY NOTES FOR CENTER BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.
- 4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA AND MULTI-PURPOSE ROOM.
- (5) EXISTING BAS OBSERVED WITH EXISTING CONTROL MODULES. COORDINATE WITH FACILITIES TO ENSURE EXISTING FUNCTIONALITY IS MAINTAINED.
- 6 ROOF/PENTHOUSE ACCESS.
- (7) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET DATE: 05/14/2025 REVISION:___

DATE: REVISION: DATE:

ISSUE DATE:

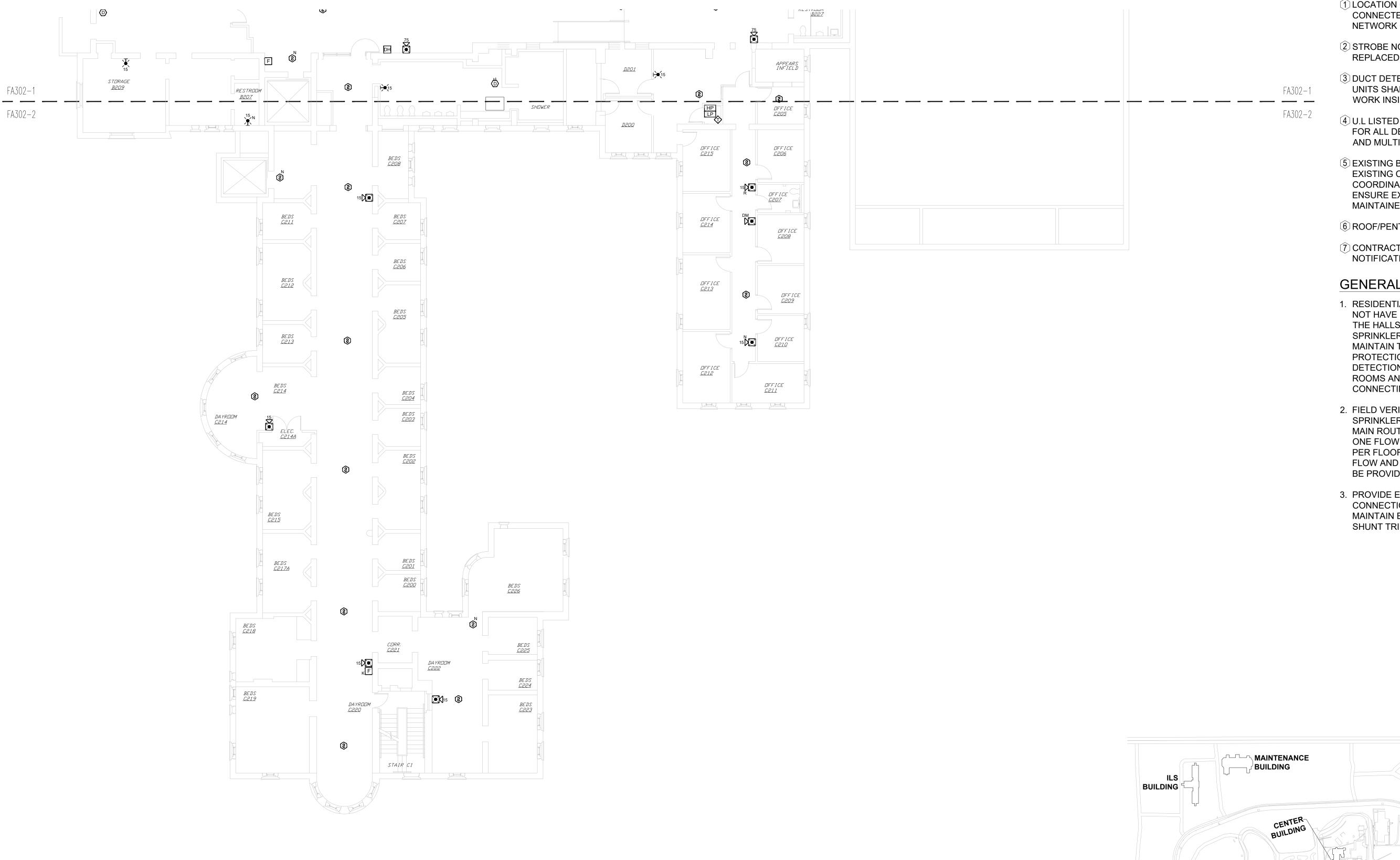
CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

CENTER BUILDING SECOND FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-302-1



NORTH

CENTER BUILDING - SECOND FLOOR FIRE ALARM PLAN PART-2

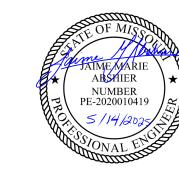
SCALE: 3/32" = 1'-0"

KEY NOTES FOR CENTER BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.
- 4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA AND MULTI-PURPOSE ROOM.
- (5) EXISTING BAS OBSERVED WITH EXISTING CONTROL MODULES. COORDINATE WITH FACILITIES TO ENSURE EXISTING FUNCTIONALITY IS MAINTAINED.
- 6 ROOF/PENTHOUSE ACCESS.
- (7) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

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- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



PROFESSIONAL SEAL

STATE OF MISSOURI

MIKE KEHOE, **GOVERNOR**



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND CONSTRUCTION**

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

9327012063

7012

REVISION: 100% BID SET DATE: 05/14/2025 REVISION: DATE: **REVISION:**

DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

CENTER BUILDING -SECOND FLOOR FIRE ALARM PLAN PART-2

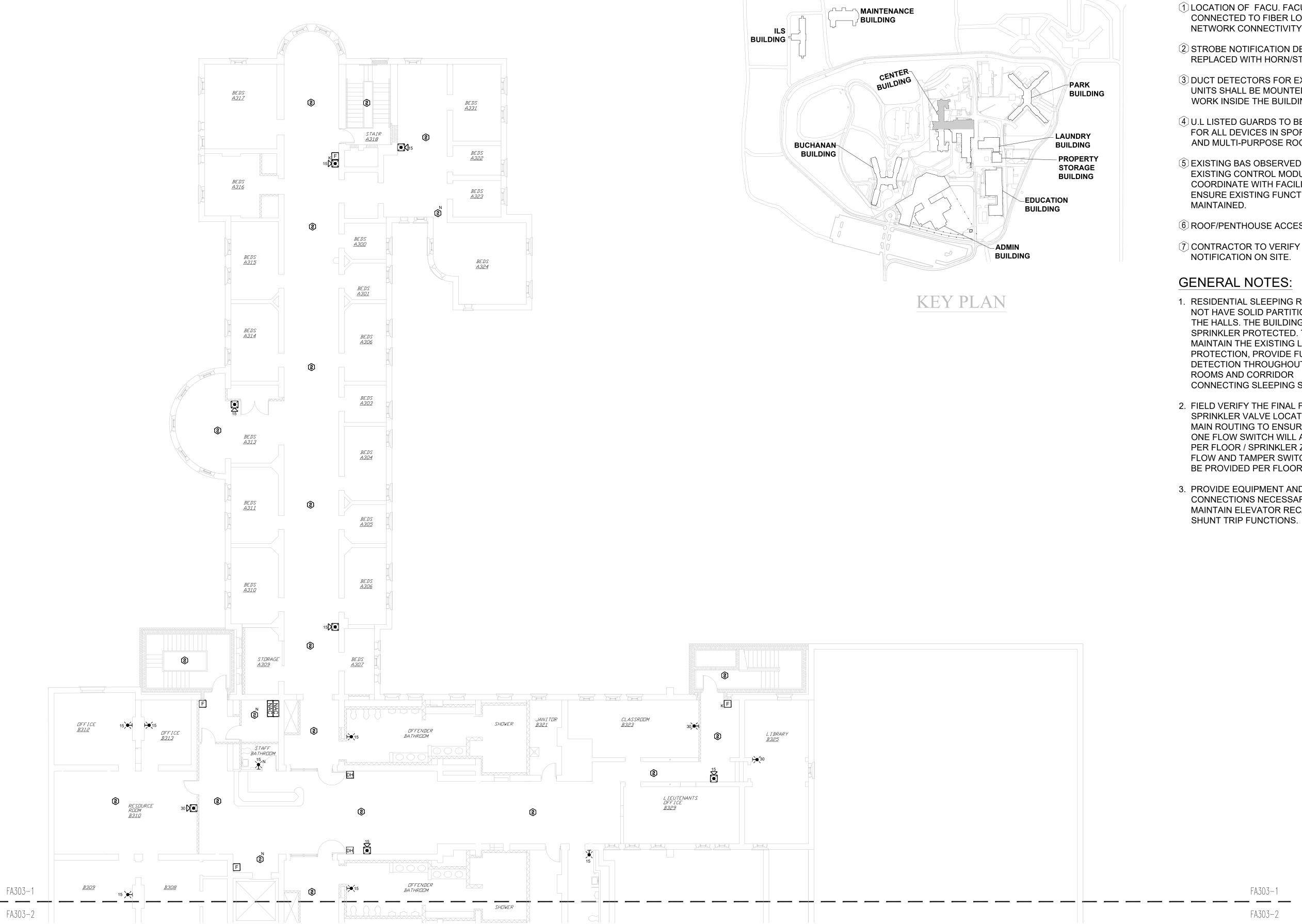
SHEET NUMBER: FA-302-2

05/13/2025

32 OF 61 SHEETS

KEY PLAN

PARK BUILDING LAUNDRY BUILDING BUCHANAN **BUILDING PROPERTY** STORAGE **BUILDING EDUCATION BUILDING** ADMIN BUILDING

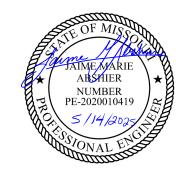


KEY NOTES FOR CENTER BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.
- 4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA AND MULTI-PURPOSE ROOM.
- (5) EXISTING BAS OBSERVED WITH EXISTING CONTROL MODULES. COORDINATE WITH FACILITIES TO ENSURE EXISTING FUNCTIONALITY IS
- 6 ROOF/PENTHOUSE ACCESS.
- (7) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
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STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND CONSTRUCTION**

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063 ASSET#

REVISION: 100% BID SET DATE: 05/14/2025 REVISION: DATE:

REVISION: DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

CENTER BUILDING THIRD FLOOR FIRE ALARM PLAN PART-1

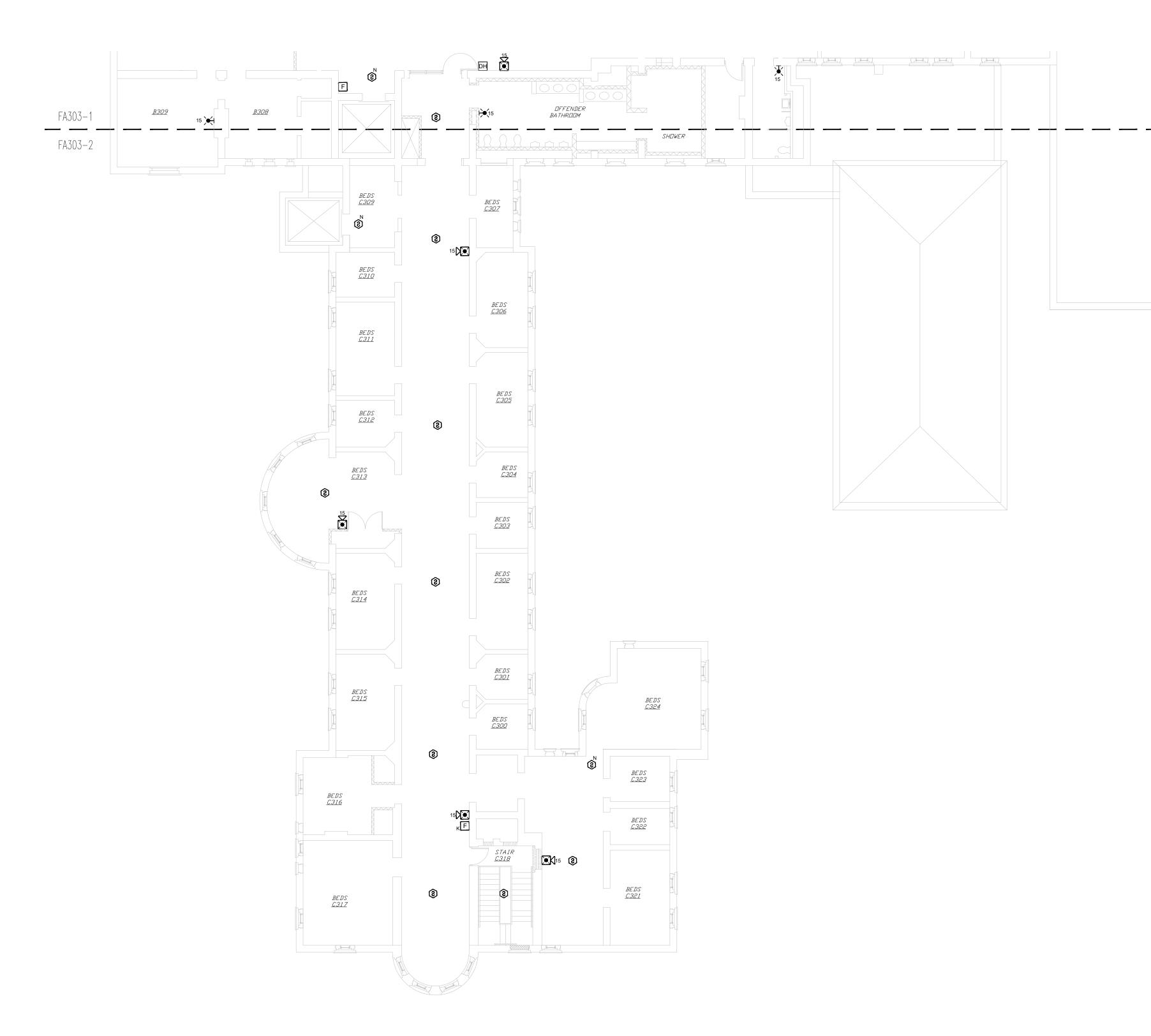
SHEET NUMBER:

FA-303-1

33 OF 61 SHEETS 05/13/2025

CENTER BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-1





1 CENTER BUILDING - THIRD FLOOR FIRE ALARM PLAN PART-2
SCALE: 3/32" = 1'-0"



KEY NOTES FOR CENTER BUILDING:

FA303-2

- 1 LOCATION OF FACU. FACU SHALL BE
 CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- ② STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.
- 4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA AND MULTI-PURPOSE ROOM.
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- 6 ROOF/PENTHOUSE ACCESS.
- 7 CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION:

DATE:____ISSUE DATE:

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

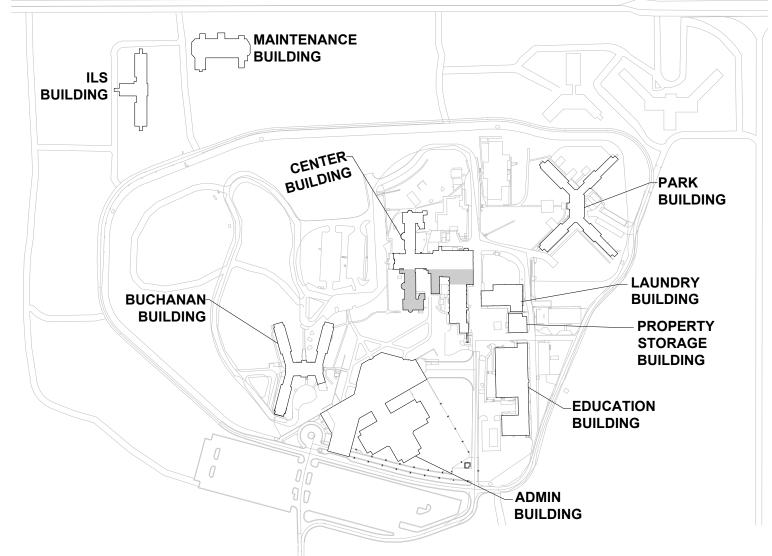
SHEET TITLE:

CENTER BUILDING THIRD FLOOR FIRE ALARM PLAN PART-2

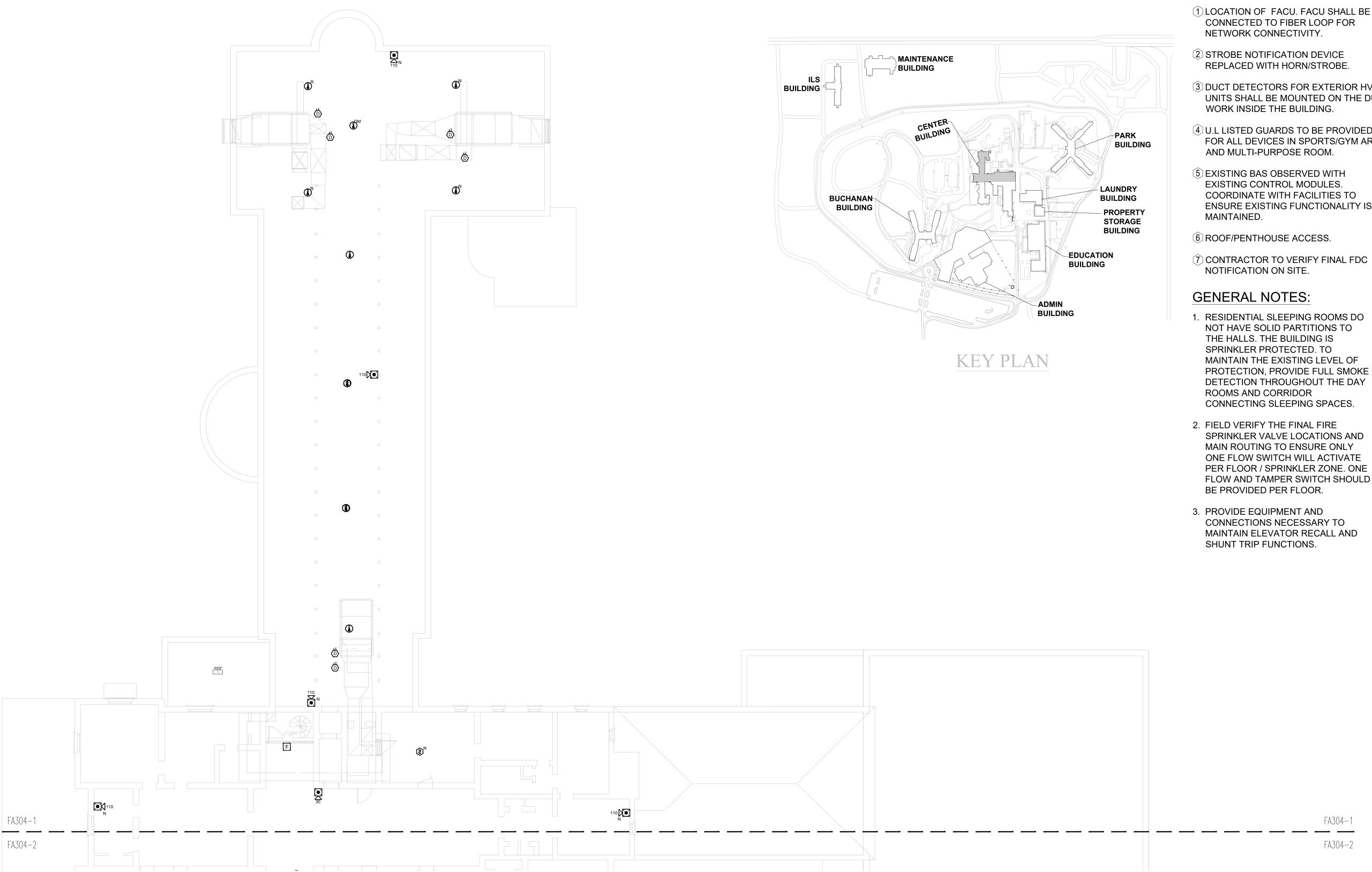
SHEET NUMBER:

FA-303-2

34 OF 61 SHEETS 05/13/2025



KEY PLAN



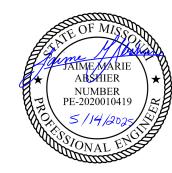
CENTER BUILDING - FOURTH FLOOR FIRE ALARM PLAN PART-1 SCALE: 3/32" = 1'-0"



KEY NOTES FOR CENTER BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR
- 3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT
- 4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA
- COORDINATE WITH FACILITIES TO ENSURE EXISTING FUNCTIONALITY IS
- NOT HAVE SOLID PARTITIONS TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY
- SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 ASSET# 9327012063

REVISION: 100% BID SET DATE: 05/14/2025 REVISION: DATE: REVISION:

DATE: ISSUE DATE:

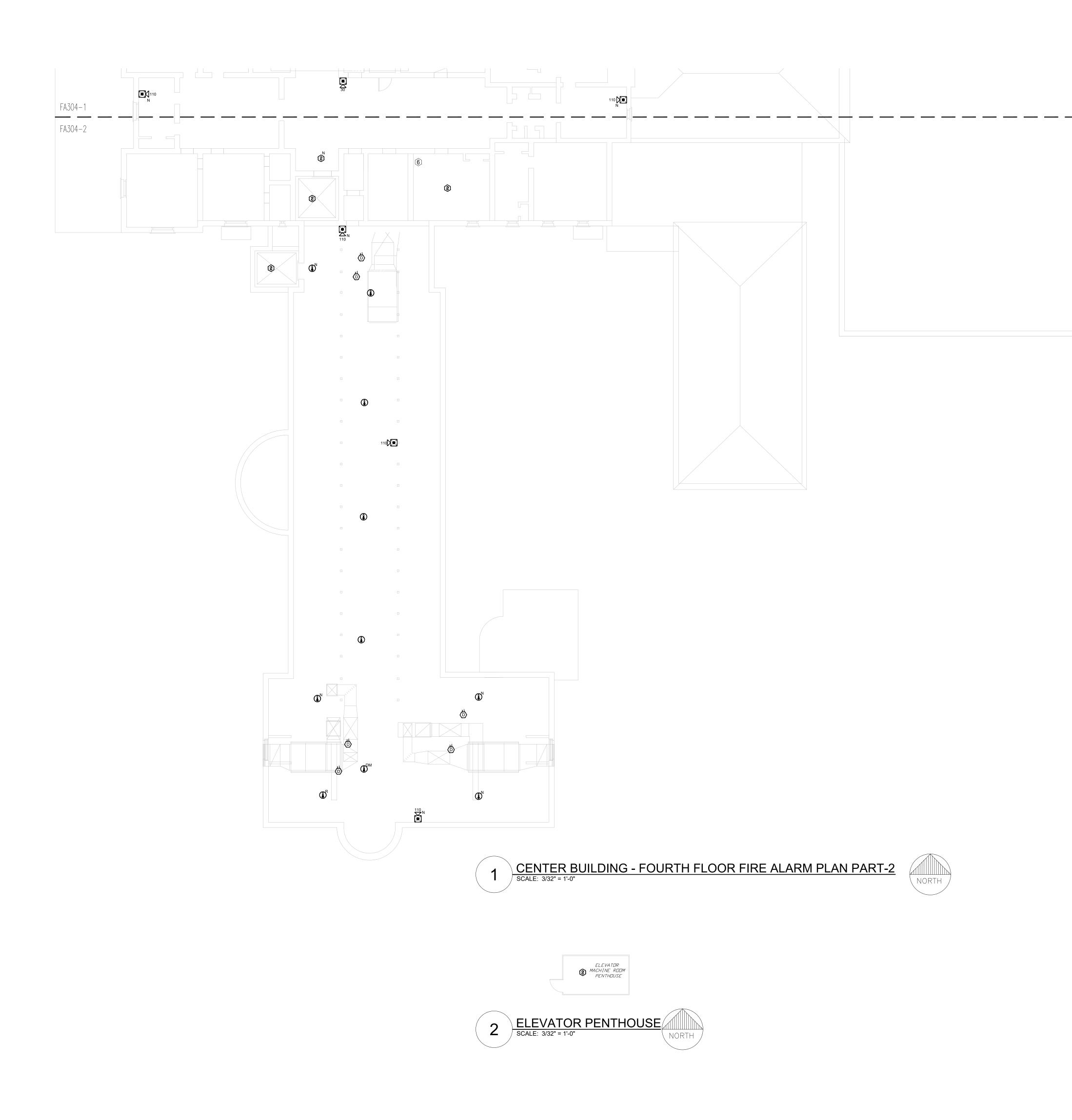
CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

CENTER BUILDING FOURTH FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-304-1



KEY NOTES FOR

1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE.

3 DUCT DETECTORS FOR EXTERIOR HVAC UNITS SHALL BE MOUNTED ON THE DUCT WORK INSIDE THE BUILDING.

(5) EXISTING BAS OBSERVED WITH **EXISTING CONTROL MODULES.** COORDINATE WITH FACILITIES TO ENSURE EXISTING FUNCTIONALITY IS MAINTAINED.

(7) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE BE PROVIDED PER FLOOR.
- 3. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

MAINTENANCE BUILDING

ILS BUILDING

BUCHANAN

BUILDING

CENTER BUILDING:

4 U.L LISTED GUARDS TO BE PROVIDED FOR ALL DEVICES IN SPORTS/GYM AREA AND MULTI-PURPOSE ROOM.

6 ROOF/PENTHOUSE ACCESS.

- PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND CONSTRUCTION**

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 ASSET# 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION:

DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: DESIGNED BY:

SHEET TITLE:

PARK BUILDING

LAUNDRY

BUILDING

- PROPERTY

STORAGE **BUILDING**

EDUCATION BUILDING

BUILDING

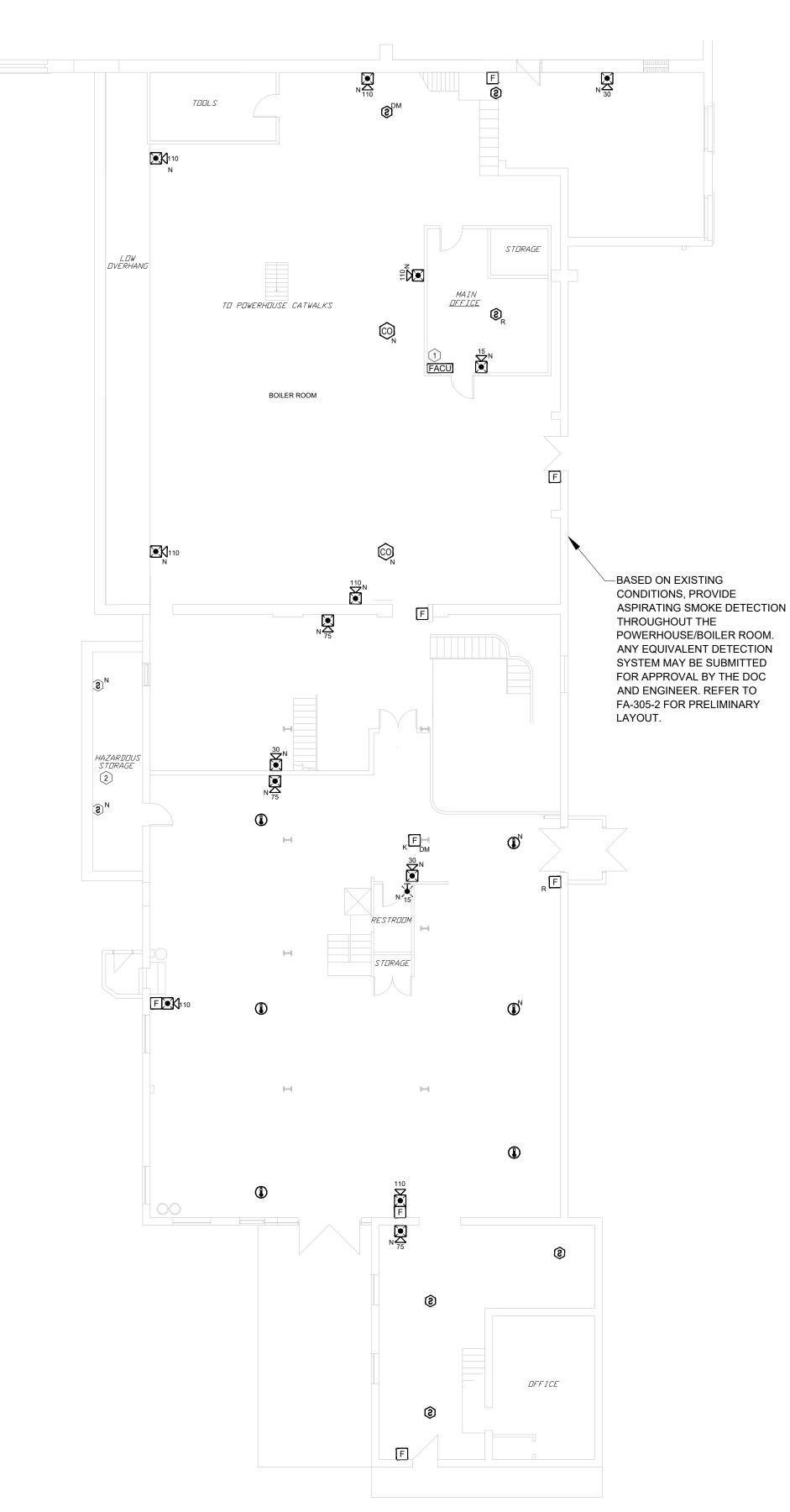
KEY PLAN

CENTER BUILDING FOURTH FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER:

FA-304-2





POWER HOUSE - FIRST FLOOR FIRE ALARM PLAN
SCALE: 3/32" = 1'-0"



KEY NOTES FOR POWERHOUSE BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 FLAMMABLE LIQUID STORAGE PER NFPA 30 TREAT SECTION 9.12.2 TREAT ROOM IN ACCORDANCE WITH CLASS I DIVISION 2 REQUIREMENTS.

GENERAL NOTES:

1. POWERHOUSE IS NOT SPRINKLER PROTECTED. A FORM OF HEAT OR SMOKE DETECTION IS TO BE PROVIDED THROUGHOUT.



STATE OF MISSOURI MIKE KEHOE,

GOVERNOR

PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063 ASSET#

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION:

DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: DESIGNED BY:

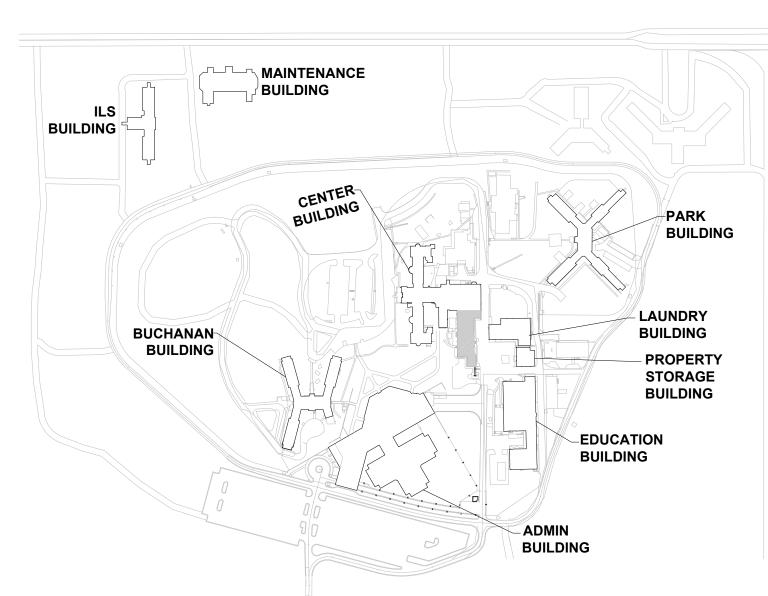
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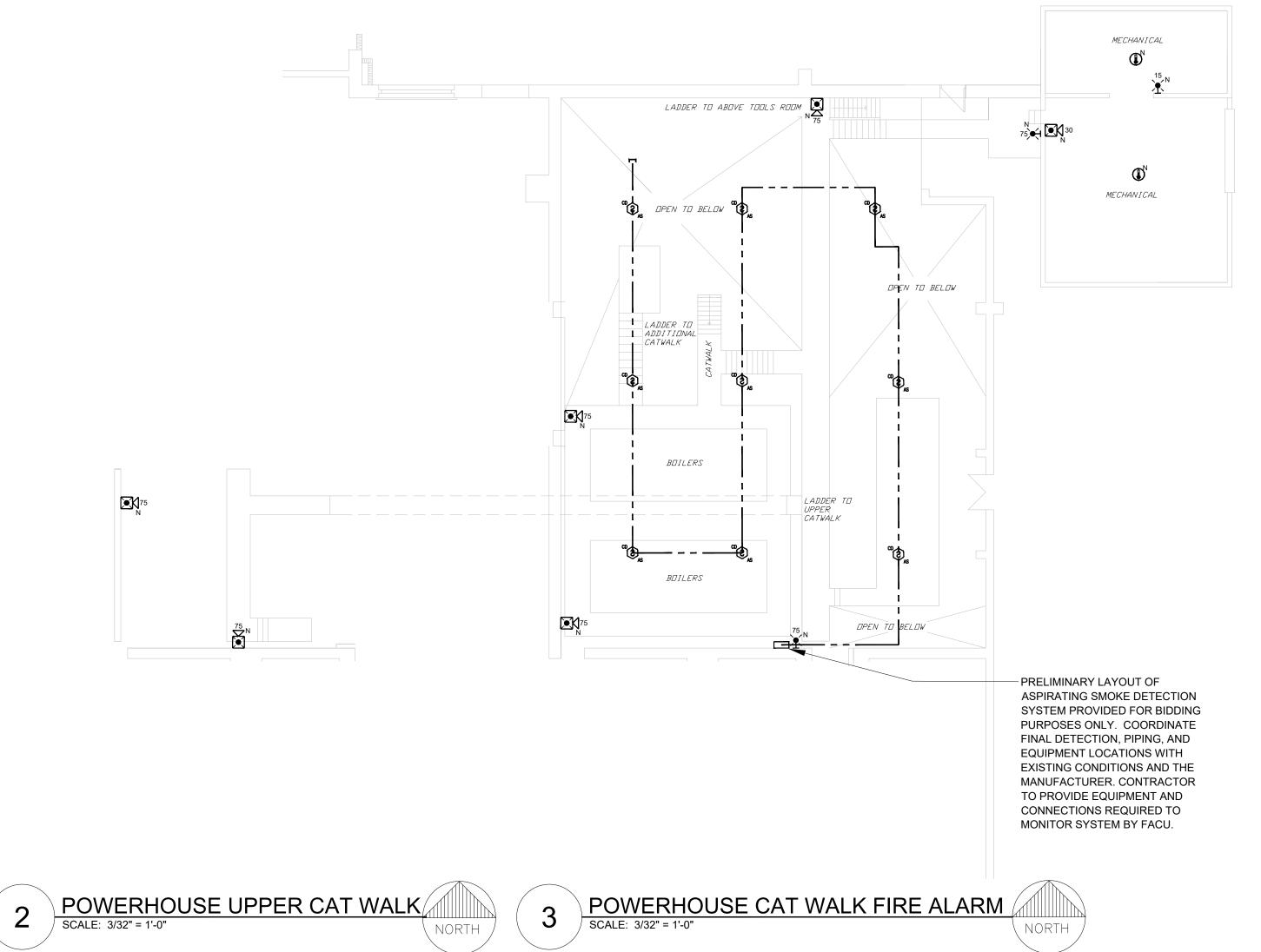
POWER HOUSE BASEMENT, FIRST & SECOND FLOOR FIRE ALARM PLAN

SHEET NUMBER:

FA-305-1

37 OF 61 SHEETS 05/13/2025





KEY NOTES FOR POWERHOUSE BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 FLAMMABLE LIQUID STORAGE PER NFPA 30 TREAT SECTION 9.12.2 TREAT ROOM IN ACCORDANCE WITH CLASS I DIVISION 2 REQUIREMENTS.

GENERAL NOTES:

1. POWERHOUSE IS NOT SPRINKLER PROTECTED. A FORM OF HEAT OR SMOKE DETECTION IS TO BE PROVIDED THROUGHOUT.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063 ASSET#

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION: DATE:

ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: DESIGNED BY:

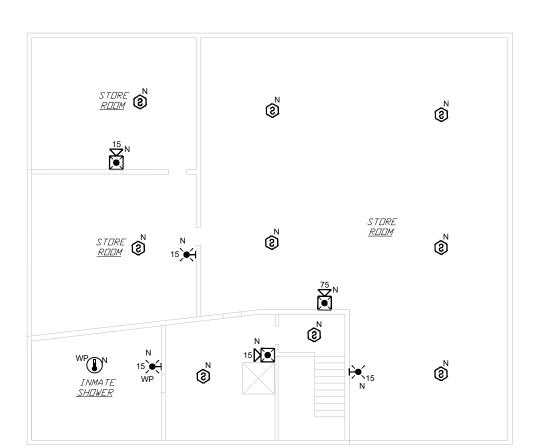
SHEET TITLE:

POWER HOUSE CAT WALK FIRE ALARM PLAN

SHEET NUMBER:

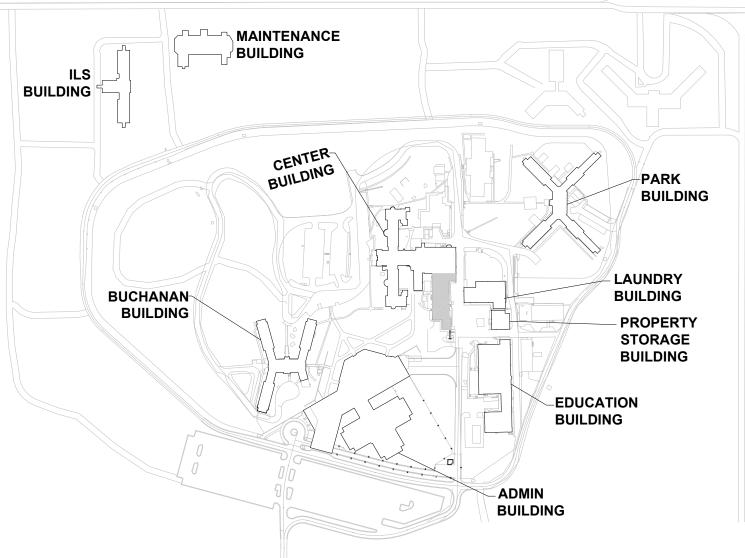
FA-305-2

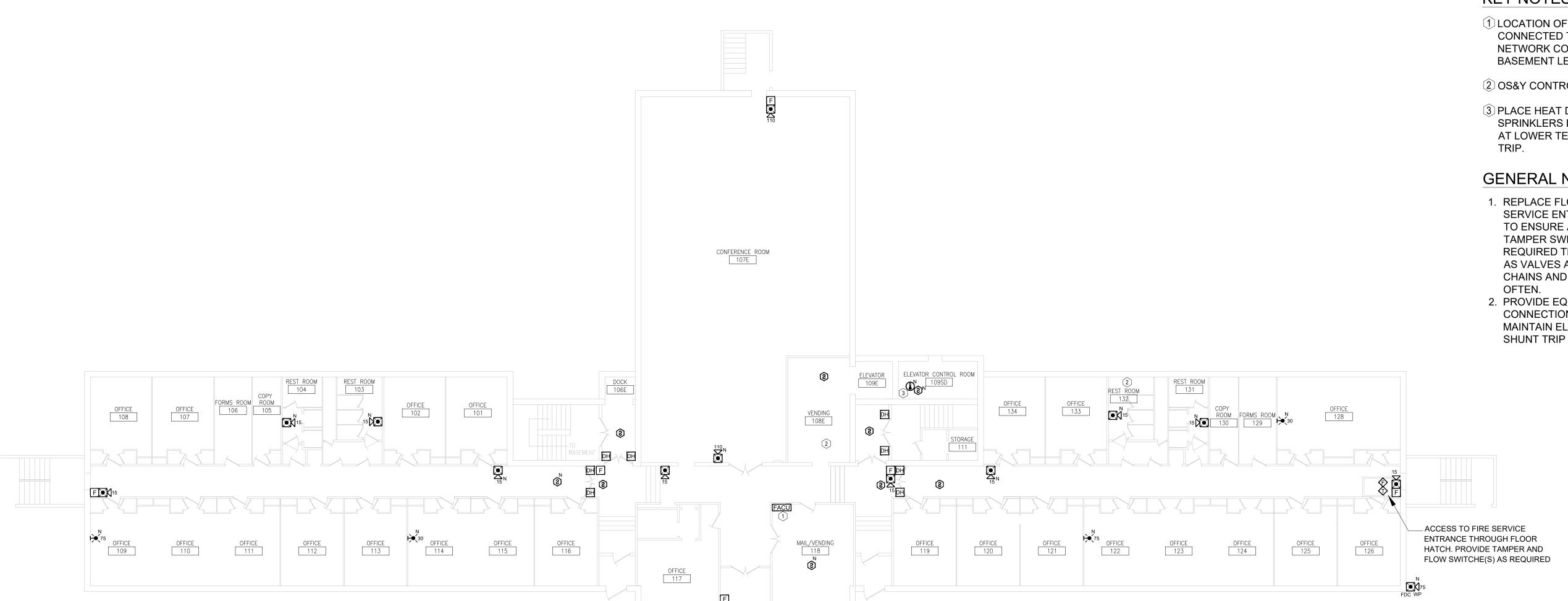
38 OF 61 SHEETS 05/13/2025



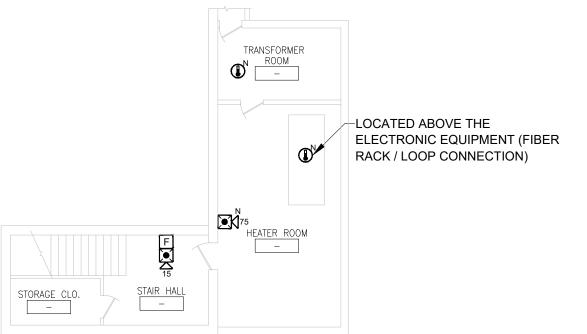
POWER HOUSE - SECOND FLOOR FIRE ALARM PLAN

SCALE: 3/32" = 1'-0" NORTH





ILS BUILDING - FIRST FLOOR FIRE ALARM PLAN
SCALE: 3/32" = 1'-0"



ILS BUILDING - BASEMENT FLOOR FIRE ALARM PLAN
SCALE: NTS

KEY NOTES FOR ILS BUILDING:

1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY LOCATED IN BASEMENT LEVEL.

2 OS&Y CONTROL VALVE LOCATION.

3 PLACE HEAT DETECTOR WITHIN 2FT OF SPRINKLERS LOCATED IN THE ROOM AT LOWER TEMPERATURE FOR SHUNT

GENERAL NOTES:

- 1. REPLACE FLOW SWITCH AT FIRE SERVICE ENTRANCE BELOW FLOOR TO ENSURE ALARM AT WATERFLOW. TAMPER SWITCHES ARE NOT REQUIRED THROUGHOUT BUILDING AS VALVES ARE PROVIDED WITH CHAINS AND ARE TO BE INSPECTED
- 2. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**

PE-2020010419

PROFESSIONAL SEAL

FSC INC.

ENGINEERS, LLC

8675 W 96TH STREET OVERLAND PARK, KS. 66212

PHONE: 816.33.4373

FAX: 913.722.3484

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 7012 9327012063 ASSET#

REVISION: 100% BID SET DATE: 05/14/2025 **REVISION:** DATE: **REVISION:**

DATE: ISSUE DATE:

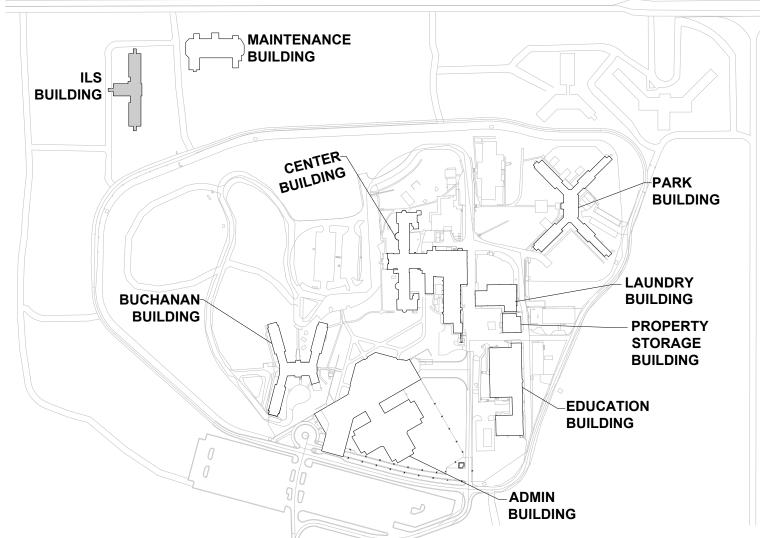
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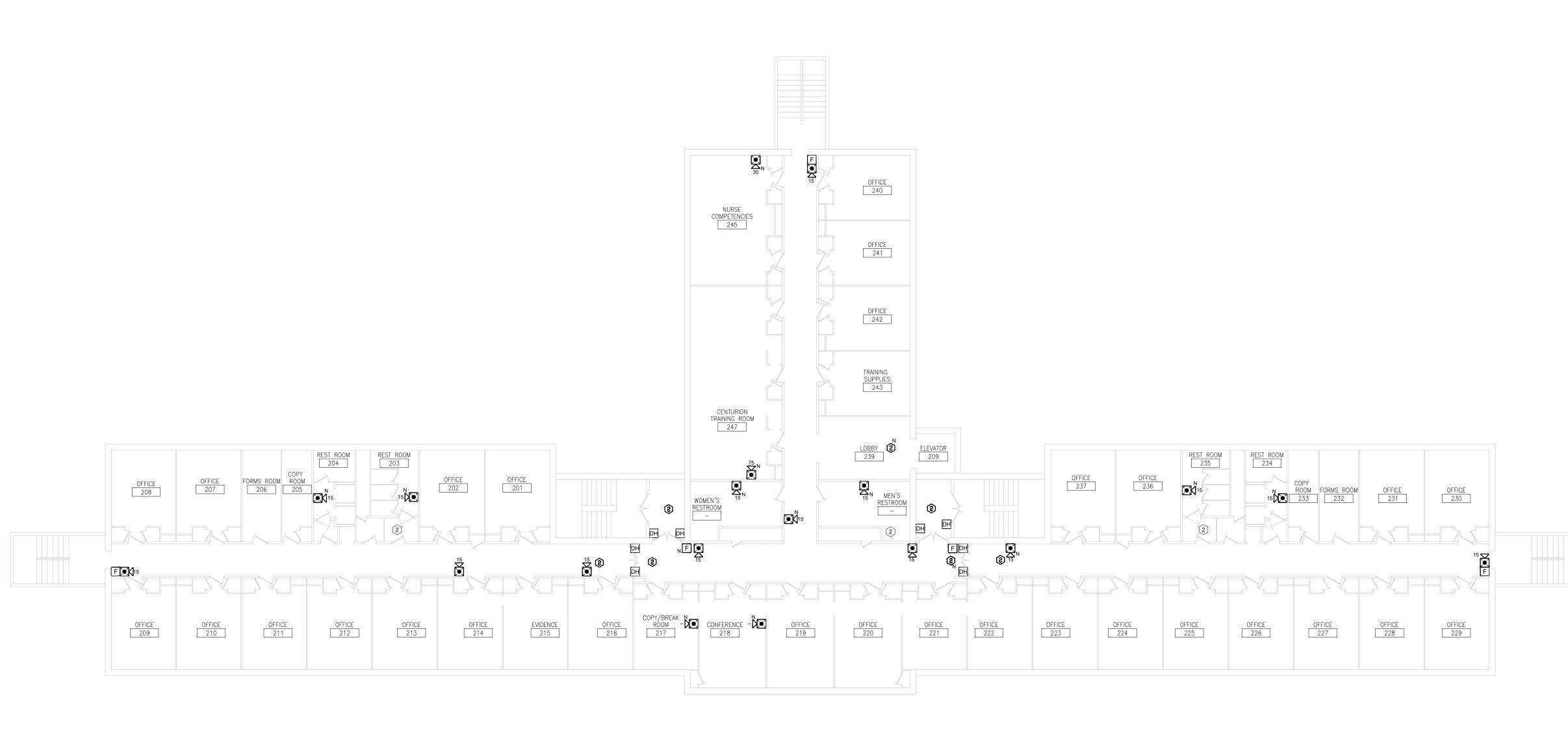
SHEET TITLE:

ILS BUILDING **BASEMENT & FIRST** FLOOR FIRE ALARM PLAN

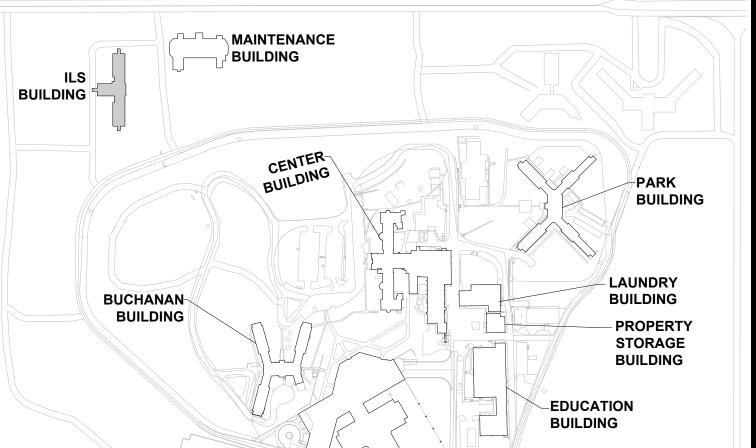
SHEET NUMBER: FA-400

39 OF 61 SHEETS 05/13/2025





1 ILS BUILDING - SECOND FLOOR FIRE ALARM PLAN
SCALE: 3/32" = 1'-0"



KEY PLAN

BUILDING

KEY NOTES FOR ILS BUILDING:

1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY LOCATED IN BASEMENT LEVEL.

2 OS&Y CONTROL VALVE LOCATION.

3 PLACE HEAT DETECTOR WITHIN 2FT OF SPRINKLERS LOCATED IN THE ROOM AT LOWER TEMPERATURE FOR SHUNT TRIP.

GENERAL NOTES:

- 1. REPLACE FLOW SWITCH AT FIRE SERVICE ENTRANCE BELOW FLOOR TO ENSURE ALARM AT WATERFLOW. TAMPER SWITCHES ARE NOT REQUIRED THROUGHOUT BUILDING AS VALVES ARE PROVIDED WITH CHAINS AND ARE TO BE INSPECTED OFTEN.
- 2. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

OFFICE OF
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MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels,
Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION:

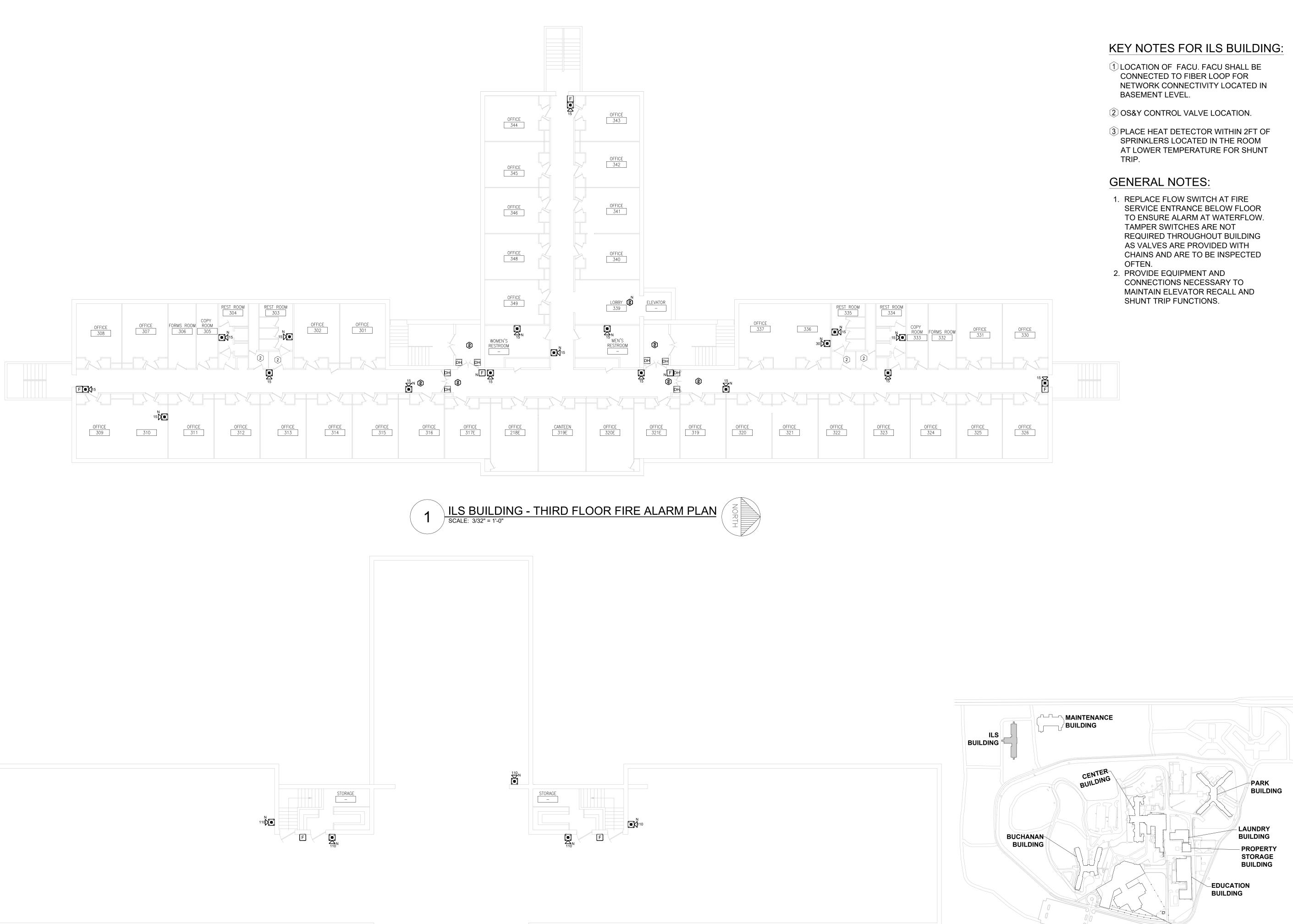
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CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

ILS BUILDING SECOND FLOOR FIRE ALARM PLAN

SHEET NUMBER: FA-401



ILS BUILDING - ATTIC FIRE ALARM PLAN
SCALE: 3/32" = 1'-0"

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

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DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels,
Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:

DATE: REVISION: DATE:

ISSUE DATE:

CAD DWG FILE:

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

ILS BUILDING
THIRD FLOOR & ATTIC
FIRE ALARM PLAN

SHEET NUMBER:

FA-402

BUILDING

KEY PLAN



KEY NOTES FOR MAINTENANCE BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 FLAMMABLE LIQUID STORAGE PER NFPA 30 TREAT SECTION 9.12.2 TREAT ROOM IN ACCORDANCE WITH CLASS I **DIVISION 2 REQUIREMENTS FOR** ELECTRICAL INSTALLATION AS OUTLINED BY NFPA 72.

GENERAL NOTES:

- 1. BASEMENT PLANS ARE DIAGRAMMATIC ONLY - FIELD VERIFY FINAL DIMENSIONS AND ENSURE DETECTION IS PROVIDED PER NFPA 72.
- 2. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



STATE OF MISSOURI

MIKE KEHOE,

GOVERNOR

PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063 ASSET#

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:

REVISION: DATE: ISSUE DATE:

PARK BUILDING

LAUNDRY

BUILDING

- PROPERTY

STORAGE

BUILDING

EDUCATION BUILDING

BUILDING

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

MAINTENANCE BUILDING FIRE ALARM PLAN

SHEET NUMBER: FA-500

42 OF 61 SHEETS

05/13/2025

KEY PLAN

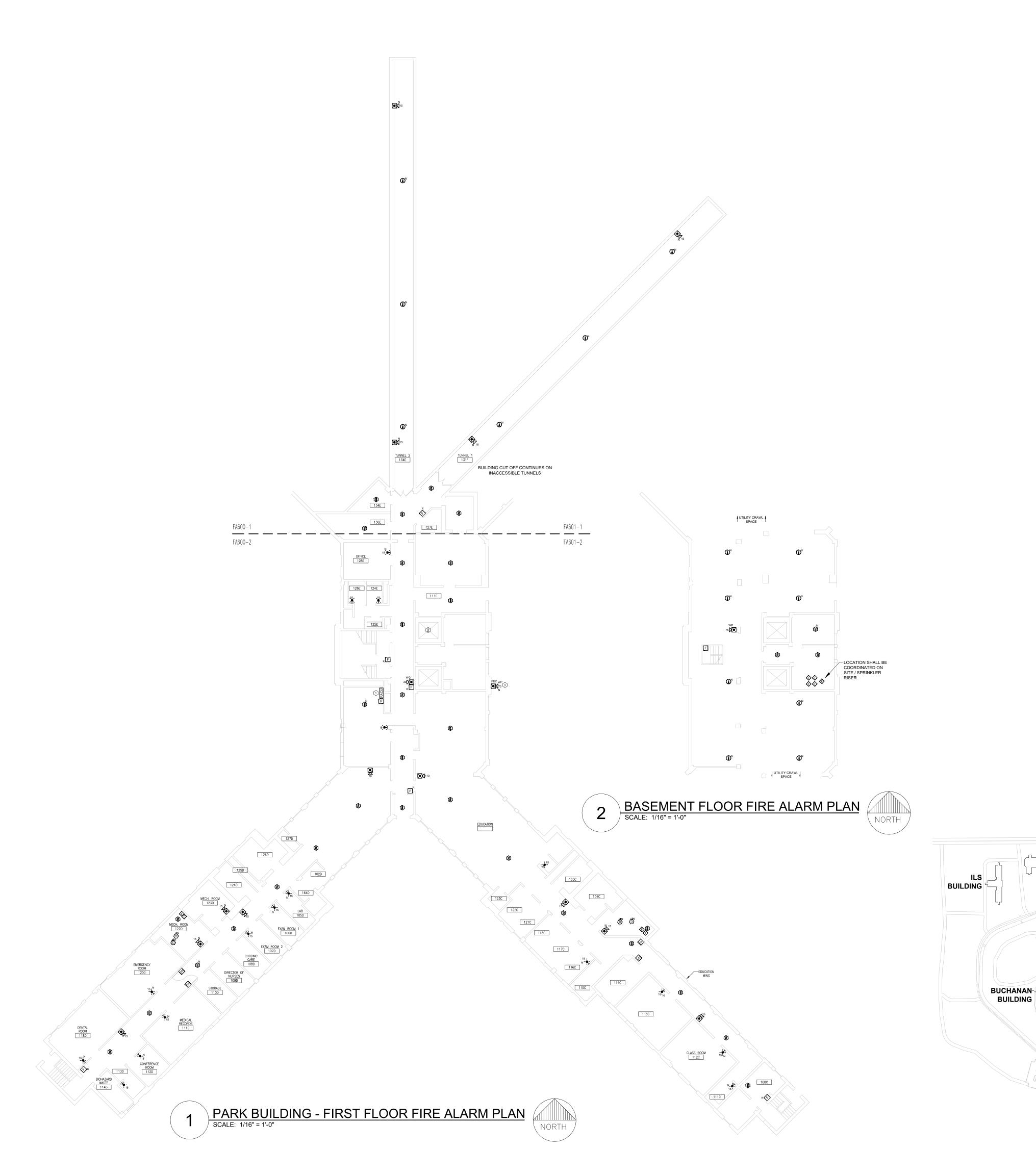
MAINTENANCE BUILDING

150

ILS BUILDING

BUCHANAN

BUILDING



- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- (3) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. ALL DUCT DETECTORS IN PARK BUILDING SHALL BE PROVIDED WITH REMOTE TEST SWITCHES.
- 4. RELOCATE SMOKE DETECTORS AS NECESSARY TO ENSURE FULL COVERAGE OF RESIDENTIAL HALLS AND THAT DOOR HOLDS ARE PROVIDED A SMOKE DETECTOR FOR ACTIVATION WITHIN 5FT OF THE DOOR THEY SERVE PER NFPA 72.
- 5. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

MAINTENANCE BUILDING



STATE OF MISSOURI MIKE KEHOE, GOVERNOR

PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION:

DATE:

ISSUE DATE:

CAD DWG FILE:

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

BUILDING

LAUNDRY

BUILDING

- PROPERTY STORAGE

BUILDING

EDUCATION

BUILDING

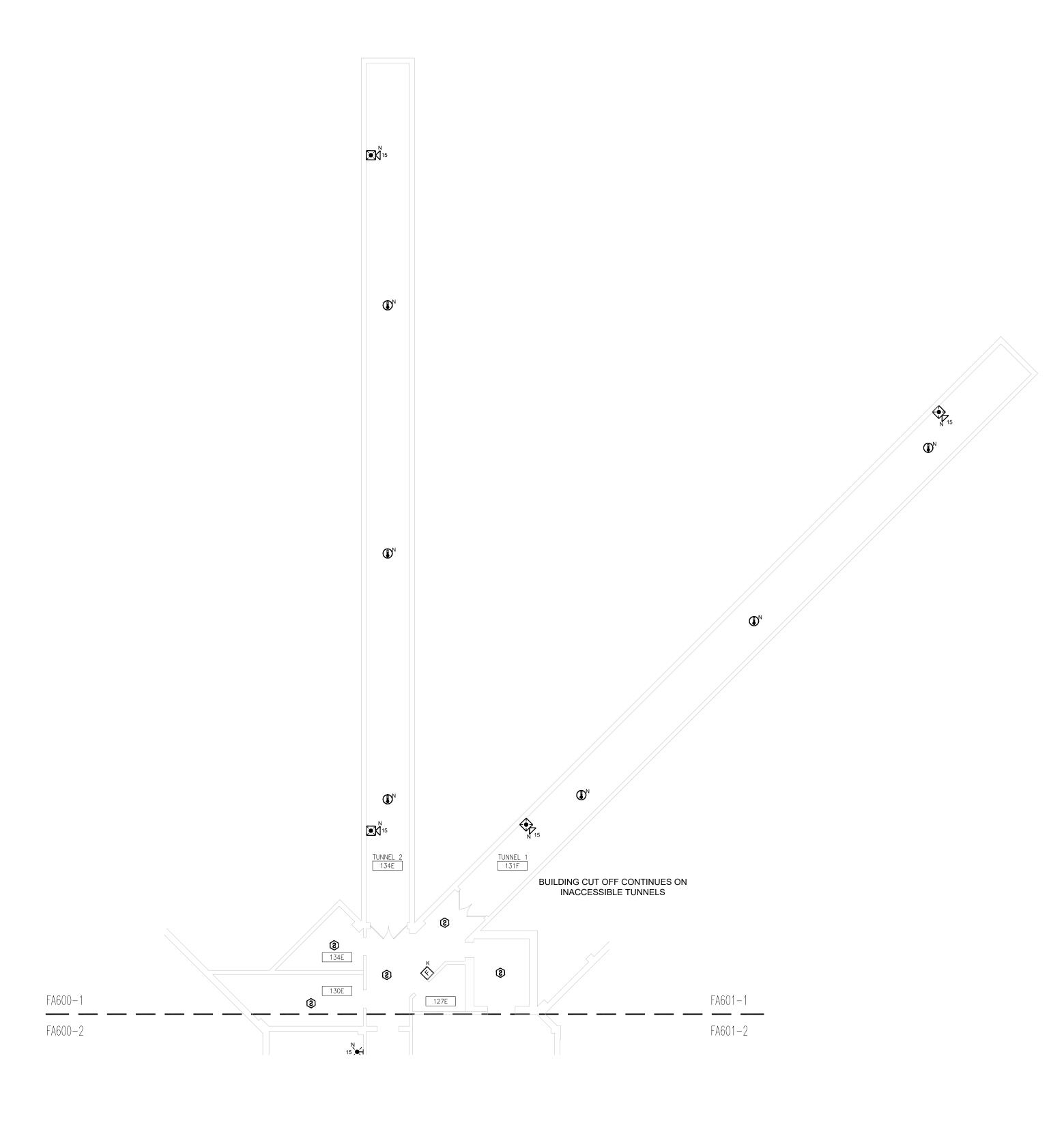
ADMIN BUILDING

KEY PLAN

PARK BUILDING -BASEMENT & FIRST FLOOR FIRE ALARM PLAN

SHEET NUMBER: FA-600

OF 61 SHEETS



PARK BUILDING - FIRST FLOOR FIRE ALARM PLAN PART-1
SCALE: 3/32" = 1'-0"



KEY NOTES FOR PARK BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- (3) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. ALL DUCT DETECTORS IN PARK BUILDING SHALL BE PROVIDED WITH REMOTE TEST SWITCHES.
- 4. RELOCATE SMOKE DETECTORS AS NECESSARY TO ENSURE FULL COVERAGE OF RESIDENTIAL HALLS AND THAT DOOR HOLDS ARE PROVIDED A SMOKE DETECTOR FOR ACTIVATION WITHIN 5FT OF THE DOOR THEY SERVE PER NFPA 72.
- 5. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

MAINTENANCE BUILDING

BUILDING

BUCHANAN

BUILDING



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**

PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

7012

9327012063

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

ASSET#

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:

REVISION: DATE: ISSUE DATE:

BUILDING

LAUNDRY

BUILDING

- PROPERTY STORAGE

BUILDING

EDUCATION

BUILDING

BUILDING

KEY PLAN

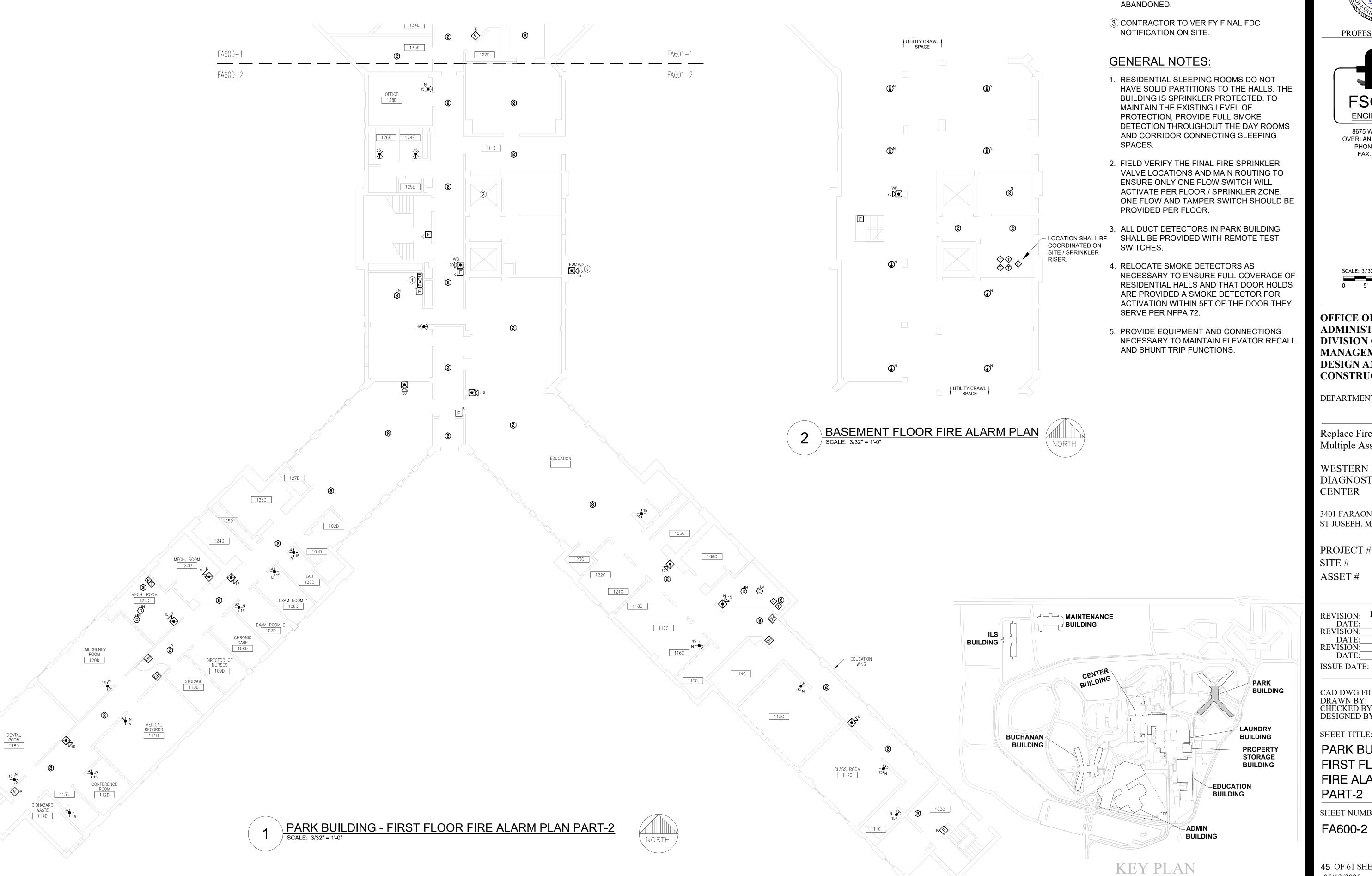
CAD DWG FILE: DRAWN BY: CHECKED BY: DESIGNED BY:

SHEET TITLE:

PARK BUILDING FIRST FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA600-1



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**

KEY NOTES FOR PARK BUILDING:

CONNECTED TO FIBER LOOP FOR NETWORK

1 LOCATION OF FACU. FACU SHALL BE

2 ELEVATOR SHAFT IS PERMANENTLY

CONNECTIVITY.



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063 ASSET#

REVISION: 100% BID SET DATE: 05/14/2025 REVISION: DATE: REVISION: DATE:

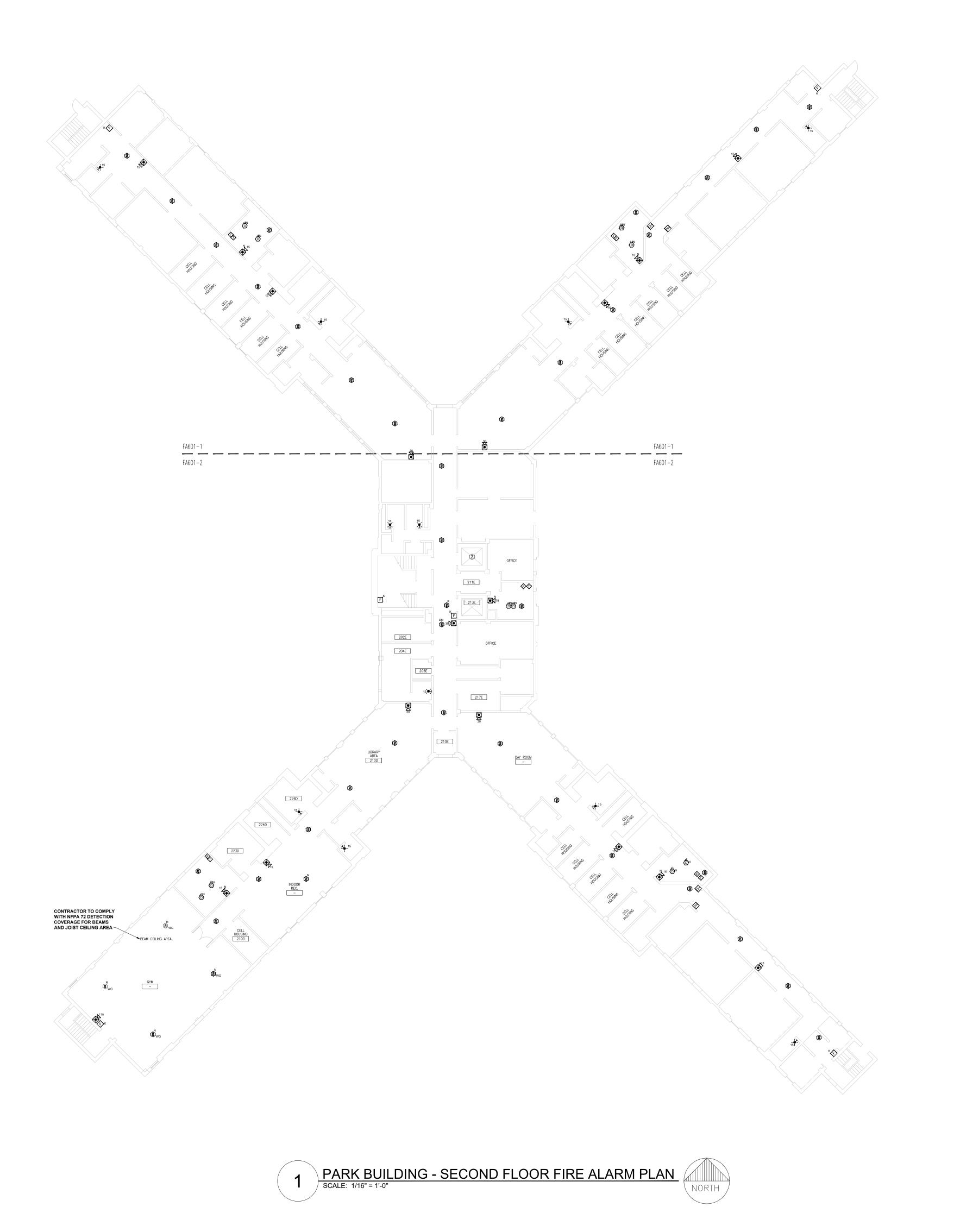
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SHEET TITLE:

PARK BUILDING FIRST FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER:

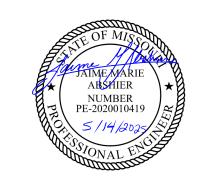
FA600-2



- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- (3) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. ALL DUCT DETECTORS IN PARK BUILDING SHALL BE PROVIDED WITH REMOTE TEST SWITCHES.
- 4. RELOCATE SMOKE DETECTORS AS NECESSARY TO ENSURE FULL COVERAGE OF RESIDENTIAL HALLS AND THAT DOOR HOLDS ARE PROVIDED A SMOKE DETECTOR FOR ACTIVATION WITHIN 5FT OF THE DOOR THEY SERVE PER NFPA 72.
- 5. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



STATE OF MISSOURI MIKE KEHOE, GOVERNOR

PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

OFFICE OF
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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION: DATE:

ISSUE DATE:

CAD DWG FILE: FSC

DRAWN BY: DD/SS

CHECKED BY: JMA

DESIGNED BY: FSC

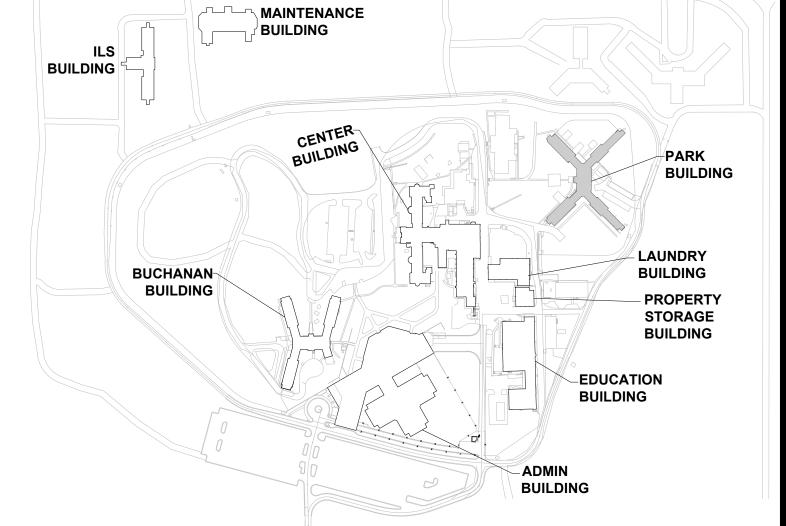
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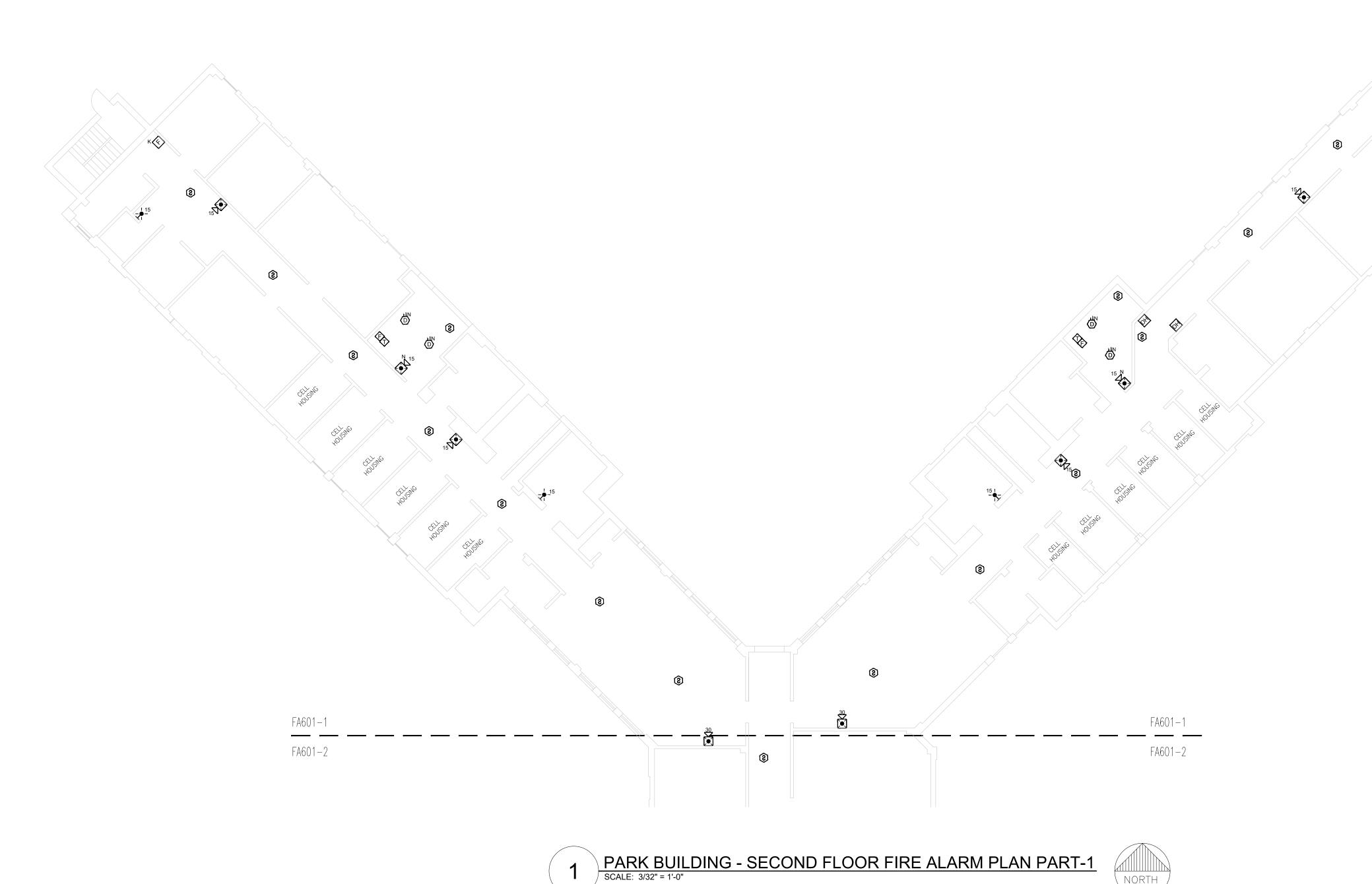
PARK BUILDING SECOND FLOOR FIRE ALARM PLAN

SHEET NUMBER:

FA-601

46 OF 61 SHEETS 05/13/2025





1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.

(3) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

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- 5. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

KEY NOTES FOR PARK BUILDING:



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**

PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

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DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

7012

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

9327012063 ASSET#

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION:

DATE: ISSUE DATE:

PARK BUILDING

- PROPERTY

BUILDING

_EDUCATION

BUILDING

BUILDING

KEY PLAN

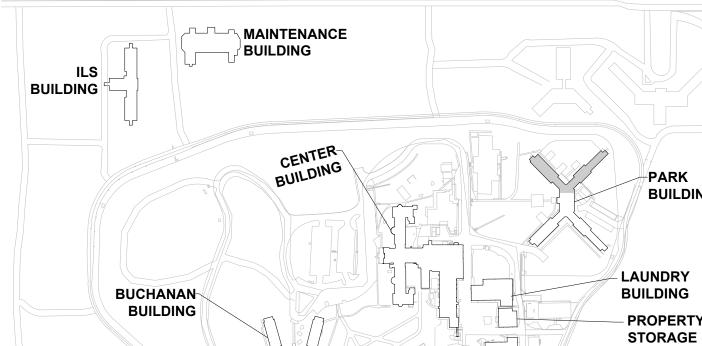
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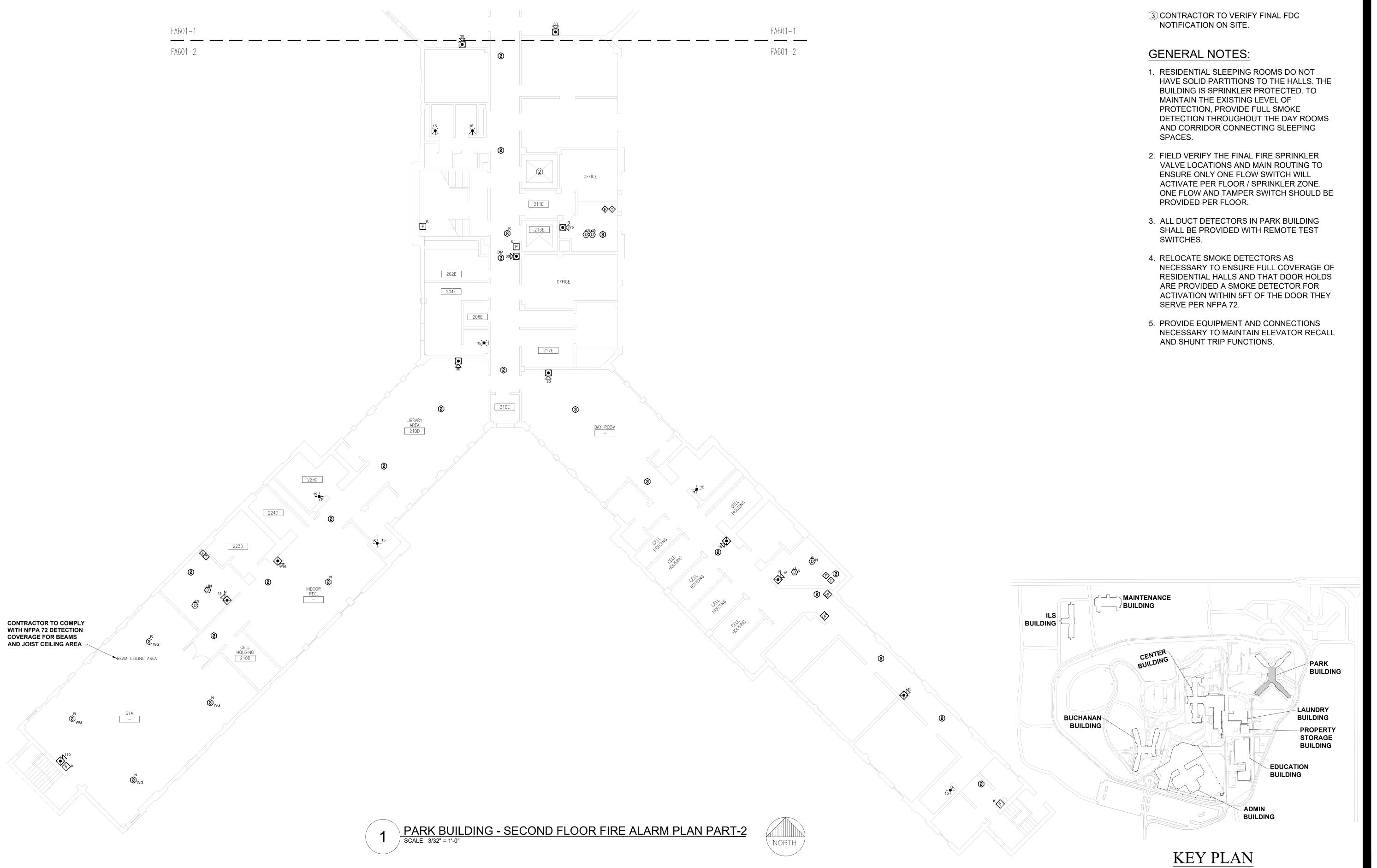
SHEET TITLE:

PARK BUILDING-SECOND FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-601-1





- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

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CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels,
Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION:

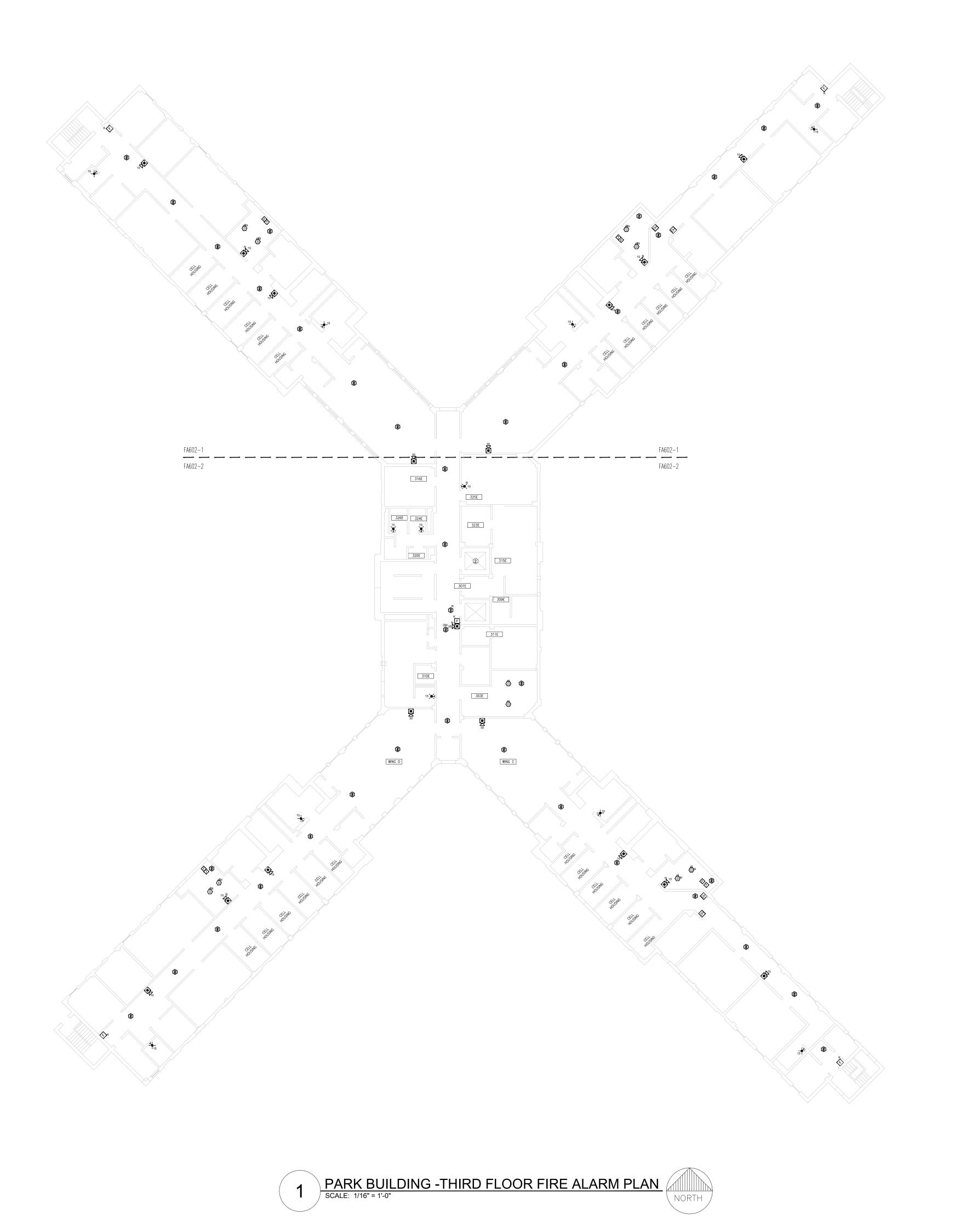
DATE: ISSUE DATE:

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

PARK BUILDING
-SECOND FLOOR
FIRE ALARM PLAN
PART-2

SHEET NUMBER: FA-601-2



- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- (3) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

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- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
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STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



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OFFICE OF
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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITE # 7012

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION:
DATE:
REVISION:
DATE:

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

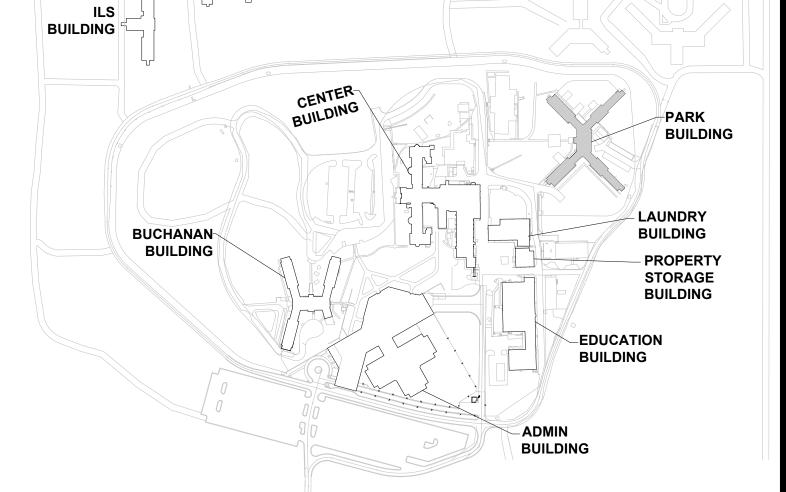
ISSUE DATE:

PARK BUILDING THIRD FLOOR FIRE ALARM PLAN

SHEET NUMBER:

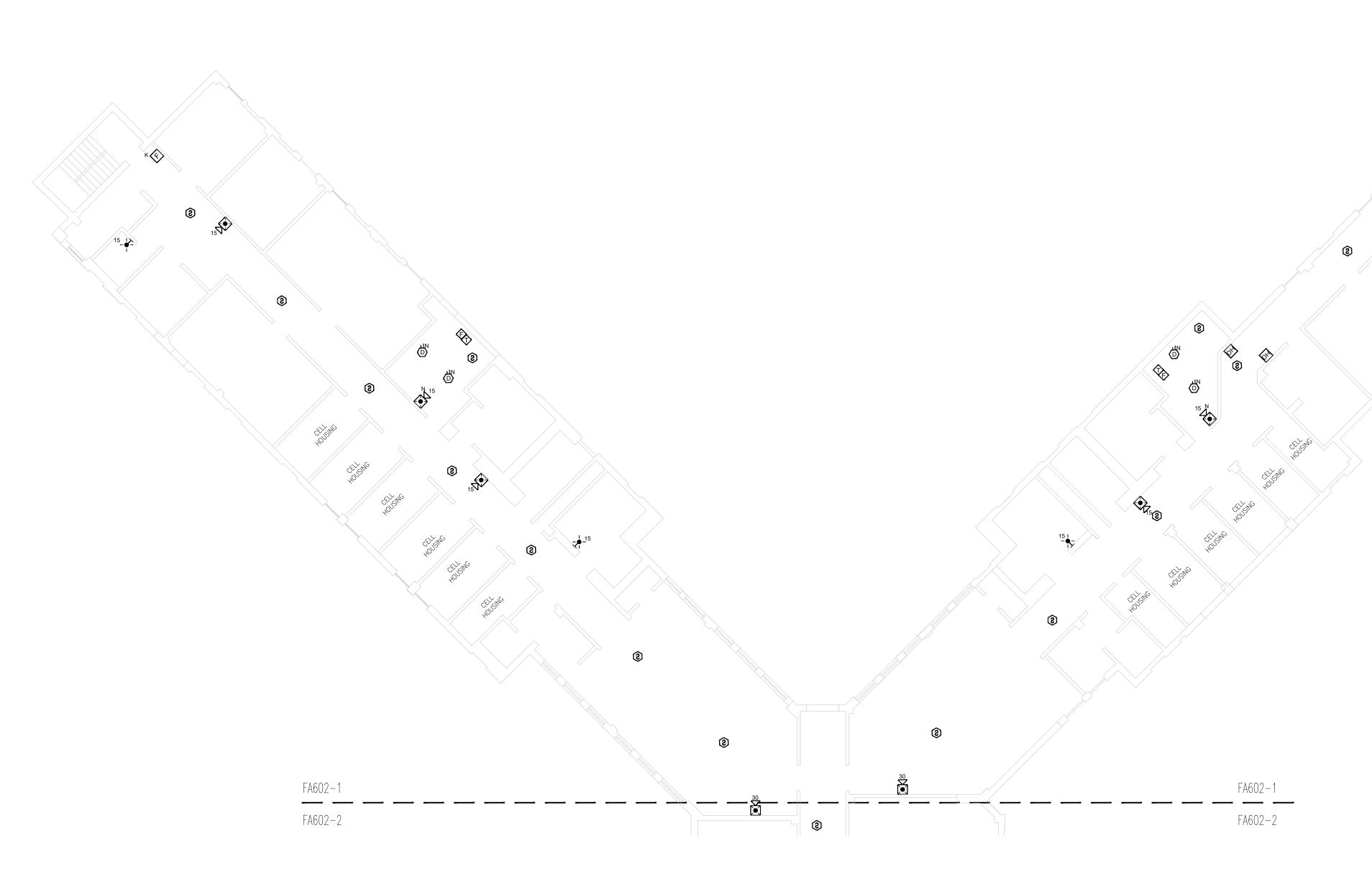
FA-602

49 OF 61 SHEETS 05/13/2025



KEY PLAN

MAINTENANCE BUILDING



PARK BUILDING -THIRD FLOOR FIRE ALARM PLAN PART-1

SCALE: 3/32" = 1'-0"



KEY NOTES FOR PARK BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- (3) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

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- 5. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**

PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: REVISION:

DATE: ISSUE DATE:

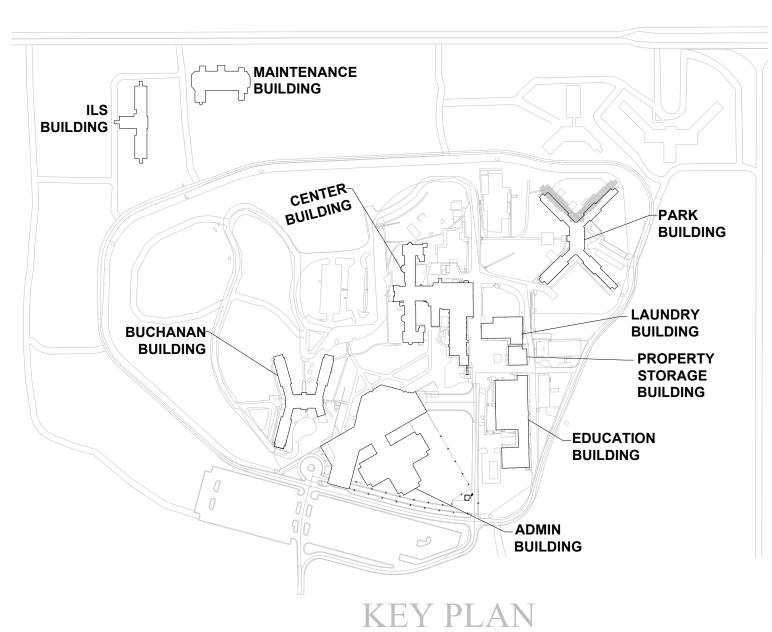
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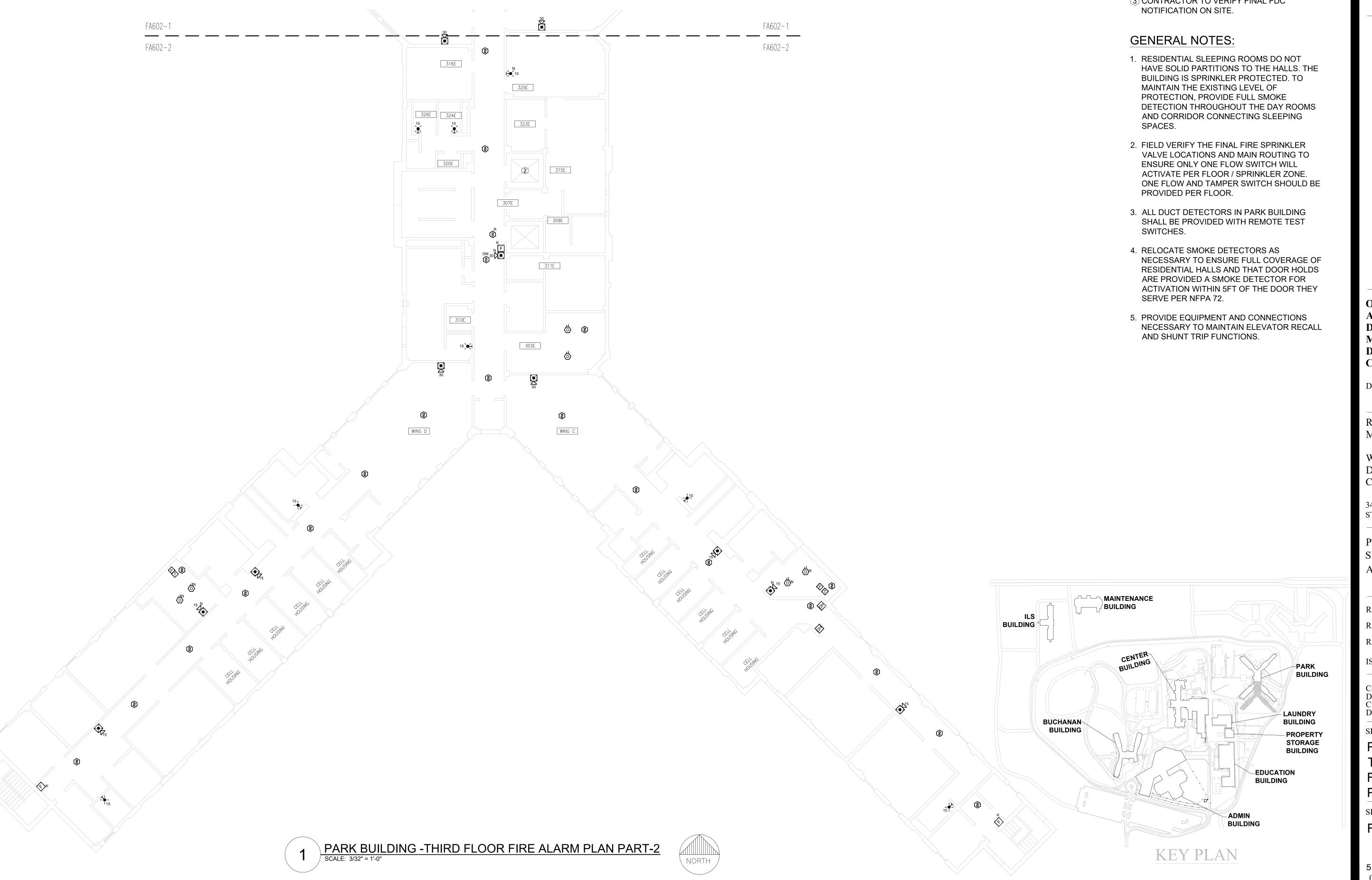
SHEET TITLE:

PARK BUILDING THIRD FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-602-1





- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- (2) ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- (3) CONTRACTOR TO VERIFY FINAL FDC

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

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PROJECT # C232501 ASSET#

7012 9327012063

REVISION: 100% BID SET
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DATE: ISSUE DATE:

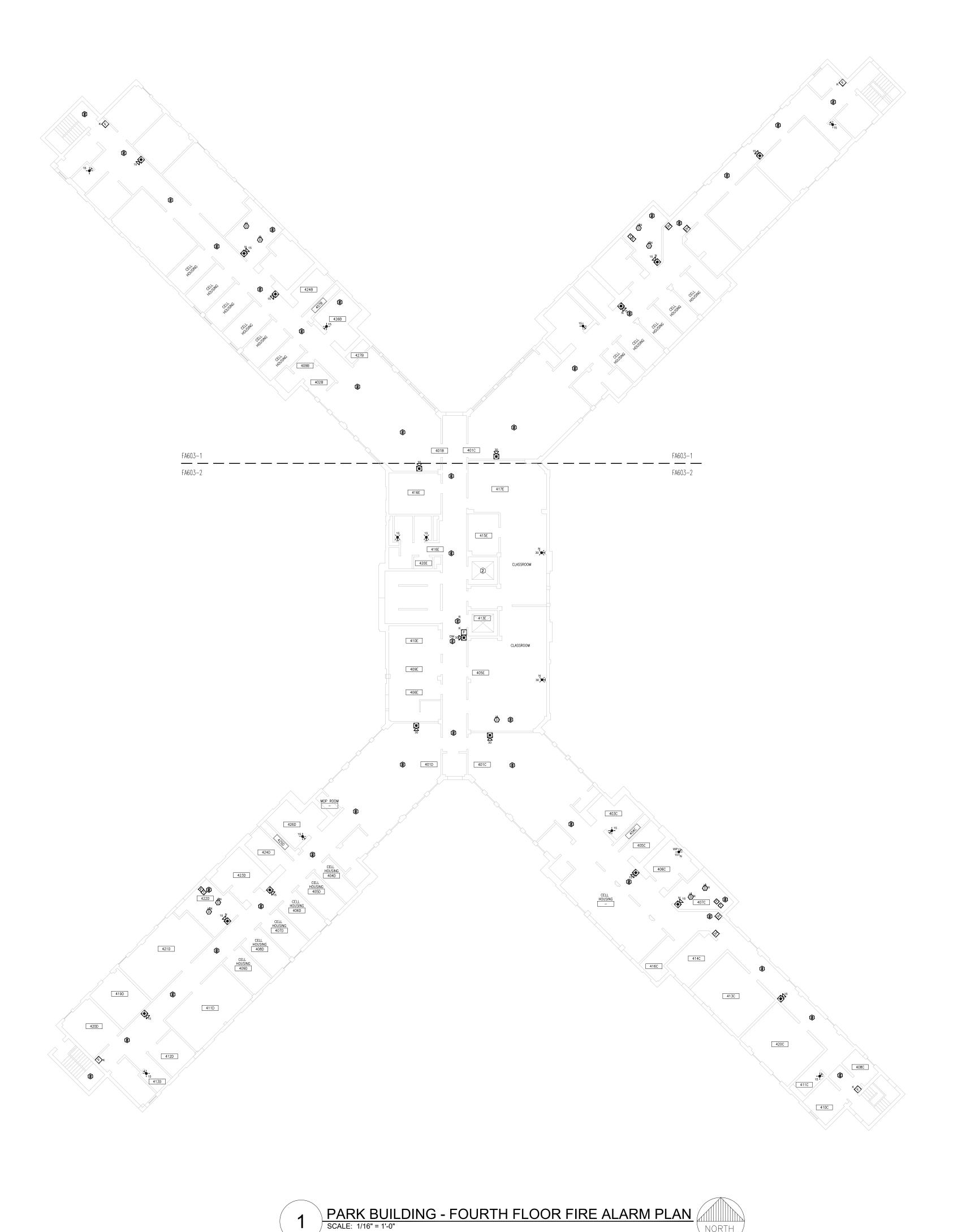
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SHEET TITLE:

PARK BUILDING THIRD FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER:

FA-602-2



NORTH

KEY NOTES FOR PARK BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- 3 CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

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STATE OF MISSOURI

MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063 ASSET#

REVISION: 100% BID SET
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SHEET TITLE:

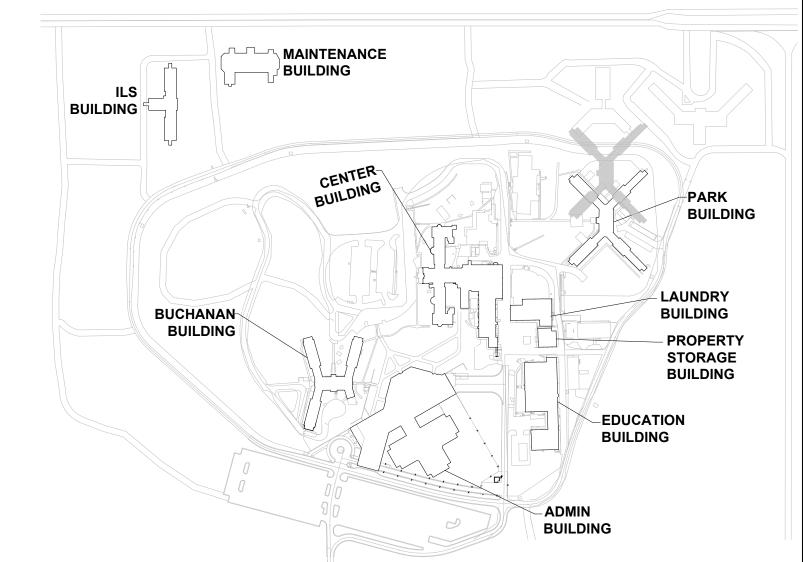
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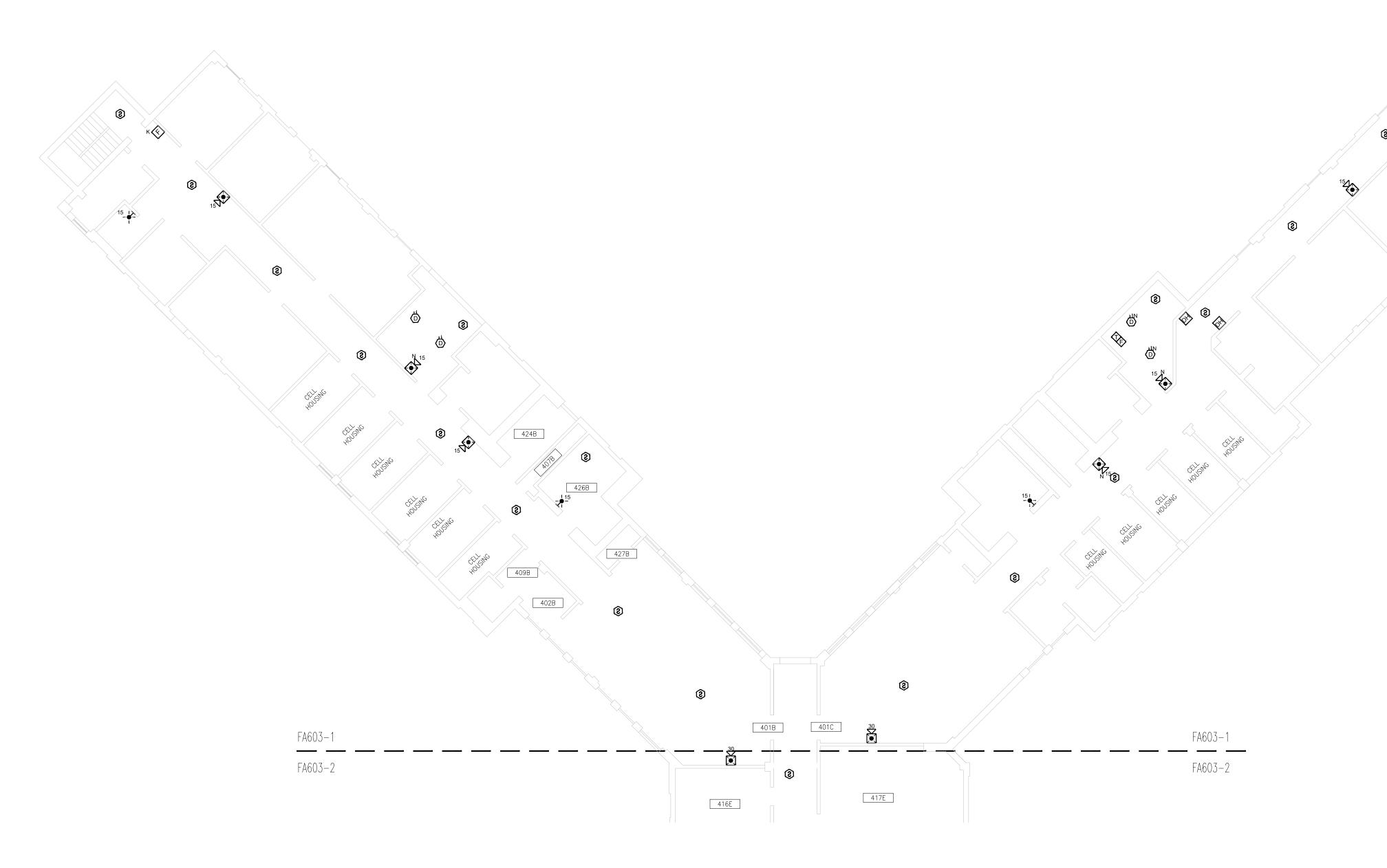
PARK BUILDING FOURTH FLOOR FIRE ALARM PLAN

SHEET NUMBER:

FA-603

52 OF 61 SHEETS 05/13/2025





PARK BUILDING - FOURTH FLOOR FIRE ALARM PLAN PART-1
SCALE: 3/32" = 1'-0"



KEY NOTES FOR PARK BUILDING:

NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING
- SWITCHES.
- ARE PROVIDED A SMOKE DETECTOR FOR SERVE PER NFPA 72.
- AND SHUNT TRIP FUNCTIONS.

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- (3) CONTRACTOR TO VERIFY FINAL FDC

- SPACES.
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MAINTENANCE BUILDING ILS BUILDING PARK BUILDING LAUNDRY BUCHANAN BUILDING BUILDING - PROPERTY STORAGE **BUILDING** EDUCATION BUILDING **BUILDING**

KEY PLAN

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

7012 9327012063 ASSET#

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE: **REVISION:** DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: DESIGNED BY:

SHEET TITLE:

ISSUE DATE:

PARK BUILDING FOURTH FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-603-1



- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
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STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



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Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

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7012 9327012063

REVISION:__ 100% BID SET DATE: 05/14/2025 REVISION: DATE: REVISION:

DATE: ISSUE DATE:

PARK BUILDING

LAUNDRY

BUILDING

- PROPERTY

STORAGE

BUILDING

_EDUCATION

BUILDING

ADMIN

KEY PLAN

BUILDING

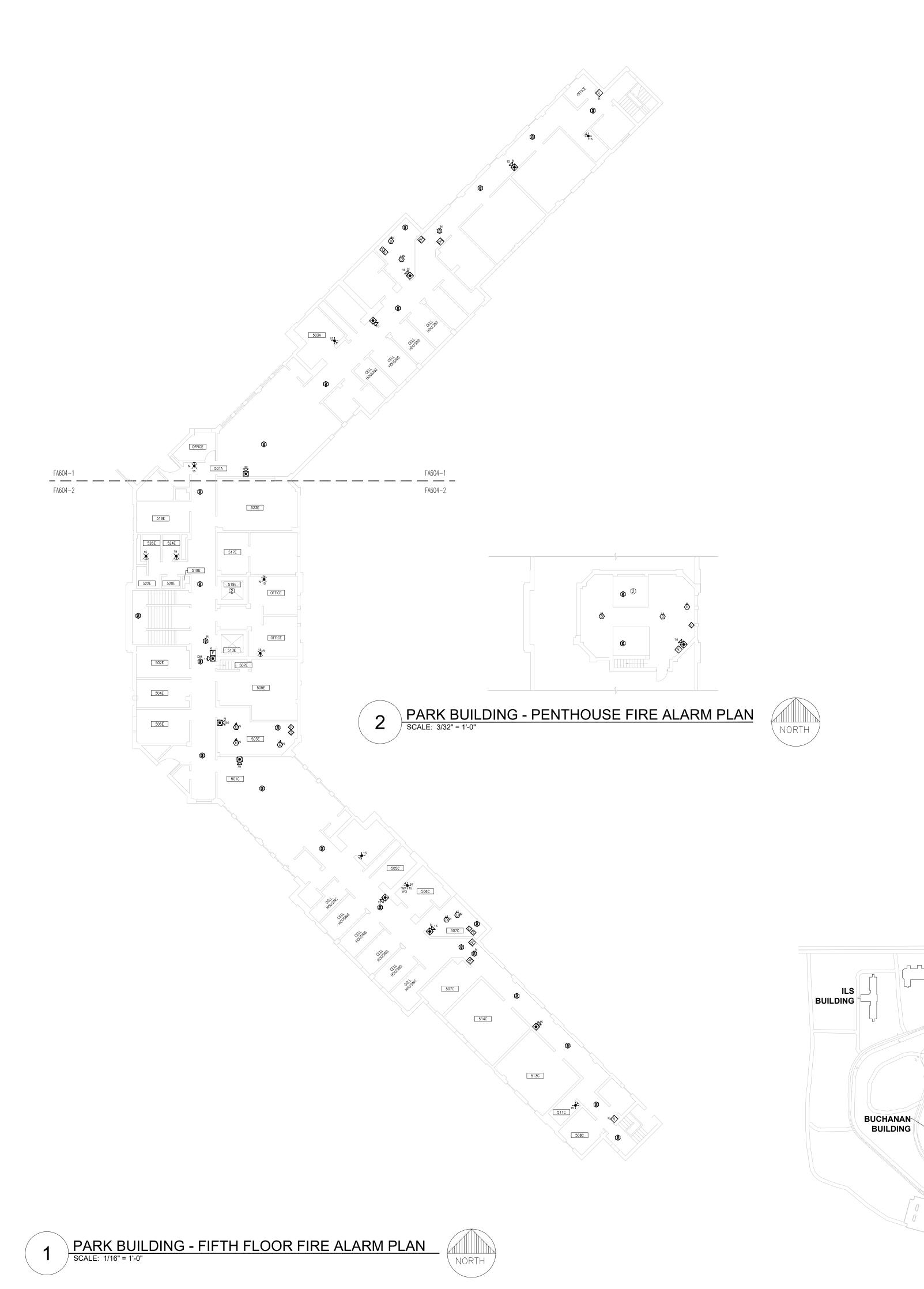
CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

PARK BUILDING FOURTH FLOOR FIRE ALARM PLAN PART-2

SHEET NUMBER:

FA-603-2



- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
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MAINTENANCE BUILDING

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501 SITF # 7012

SITE # 7012 ASSET # 9327012063

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION: DATE:
REVISION: EVISION:

DATE:

ISSUE DATE:

CAD DWG FILE: F3

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

PARK BUILDING

LAUNDRY

BUILDING

- PROPERTY STORAGE

BUILDING

EDUCATION BUILDING

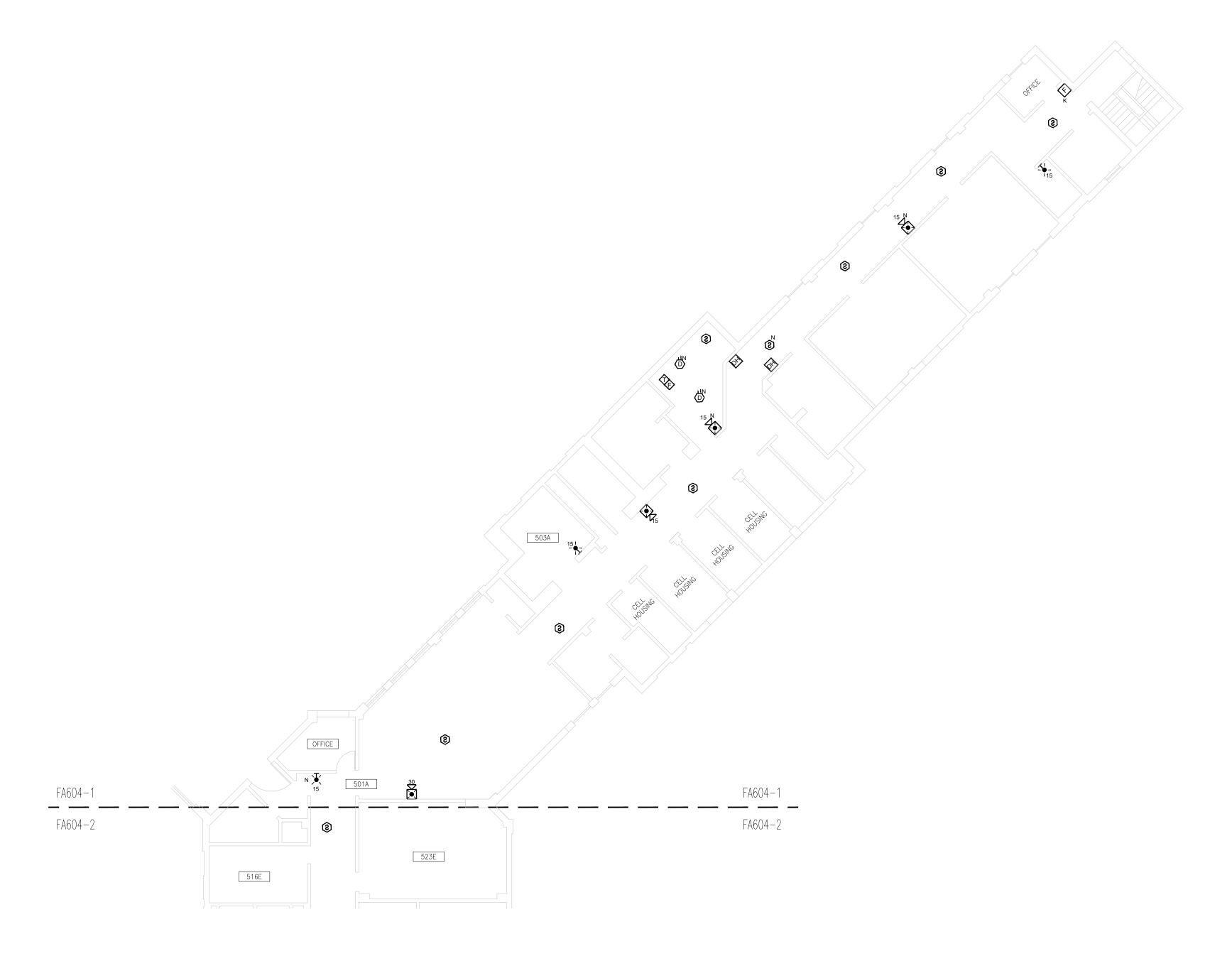
BUILDING

KEY PLAN

PARK BUILDING FIFTH FLOOR FIRE ALARM PLAN

SHEET NUMBER:

FA-604



PARK BUILDING - FIFTH FLOOR FIRE ALARM PLAN PART-1 SCALE: 3/32" = 1'-0"



KEY NOTES FOR PARK BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- 3 CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
- 2. FIELD VERIFY THE FINAL FIRE SPRINKLER VALVE LOCATIONS AND MAIN ROUTING TO ENSURE ONLY ONE FLOW SWITCH WILL ACTIVATE PER FLOOR / SPRINKLER ZONE. ONE FLOW AND TAMPER SWITCH SHOULD BE PROVIDED PER FLOOR.
- 3. ALL DUCT DETECTORS IN PARK BUILDING SHALL BE PROVIDED WITH REMOTE TEST SWITCHES.
- 4. RELOCATE SMOKE DETECTORS AS NECESSARY TO ENSURE FULL COVERAGE OF RESIDENTIAL HALLS AND THAT DOOR HOLDS ARE PROVIDED A SMOKE DETECTOR FOR ACTIVATION WITHIN 5FT OF THE DOOR THEY SERVE PER NFPA 72.
- 5. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.

STATE OF MISSOURI

MIKE KEHOE, **GOVERNOR**



PROFESSIONAL SEAL



8675 W 96TH STREET OVERLAND PARK, KS. 66212 PHONE: 816.33.4373 FAX: 913.722.3484

SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

DEPARTMENT OF CORRECTIONS

Replace Fire Alarm Panels, Multiple Assets

WESTERN RECEPTION AND DIAGNOSTIC CORRECTIONAL CENTER

7012

9327012063

3401 FARAON ST. ST JOSEPH, MO 64506

PROJECT # C232501

ASSET#

REVISION: 100% BID SET
DATE: 05/14/2025
REVISION:

DATE: REVISION: DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: DESIGNED BY:

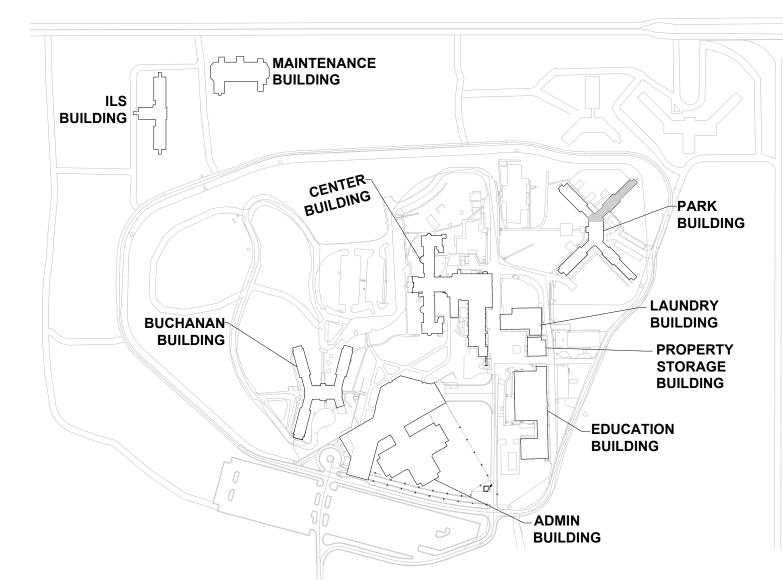
SHEET TITLE:

PARK BUILDING FIFTH FLOOR FIRE ALARM PLAN PART-1

SHEET NUMBER:

FA-604-1

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- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 ELEVATOR SHAFT IS PERMANENTLY ABANDONED.
- (3) CONTRACTOR TO VERIFY FINAL FDC NOTIFICATION ON SITE.

GENERAL NOTES:

- 1. RESIDENTIAL SLEEPING ROOMS DO NOT HAVE SOLID PARTITIONS TO THE HALLS. THE BUILDING IS SPRINKLER PROTECTED. TO MAINTAIN THE EXISTING LEVEL OF PROTECTION, PROVIDE FULL SMOKE DETECTION THROUGHOUT THE DAY ROOMS AND CORRIDOR CONNECTING SLEEPING SPACES.
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STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



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SCALE: 3/32"=1'-0" (IN FEET) 0 5' 10'

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7012 9327012063 ASSET#

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DATE: ISSUE DATE:

CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

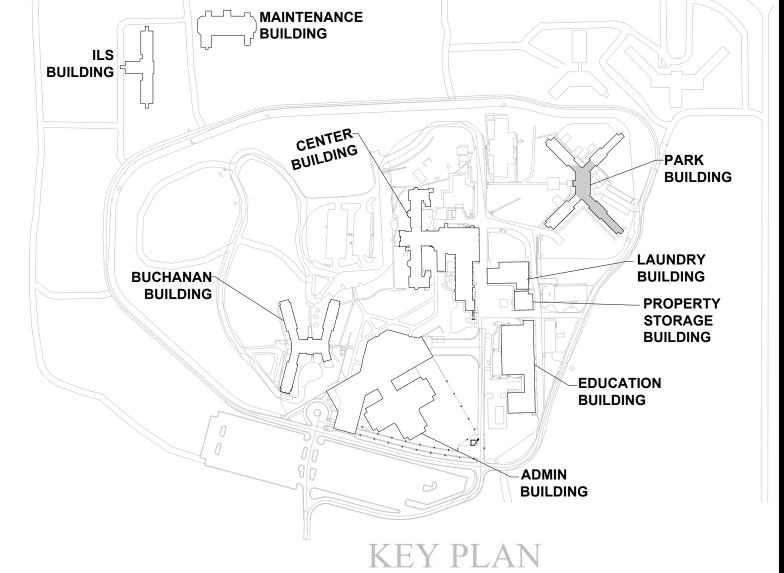
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PARK BUILDING FIFTH FLOOR FIRE ALARM PLAN PART-2

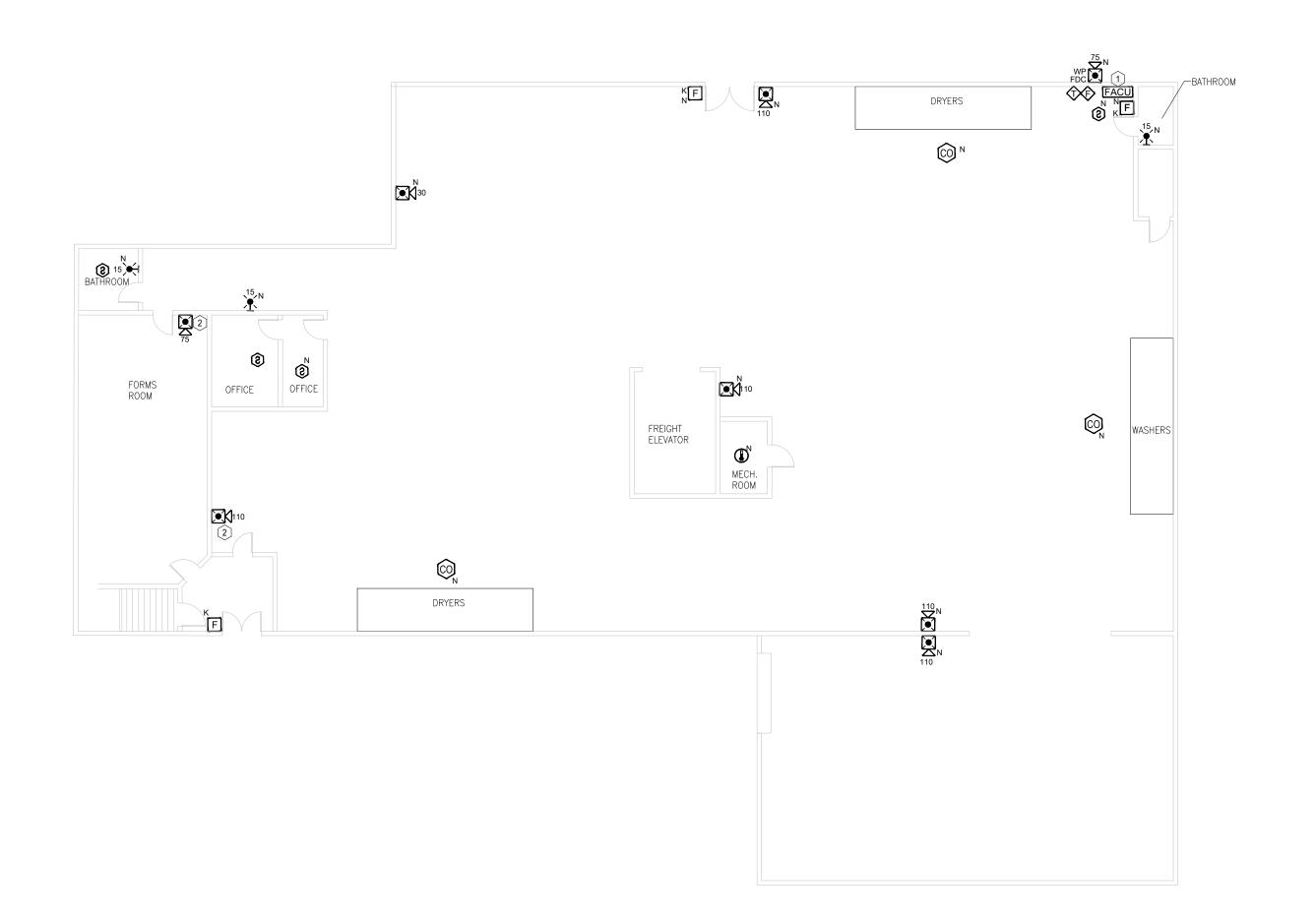
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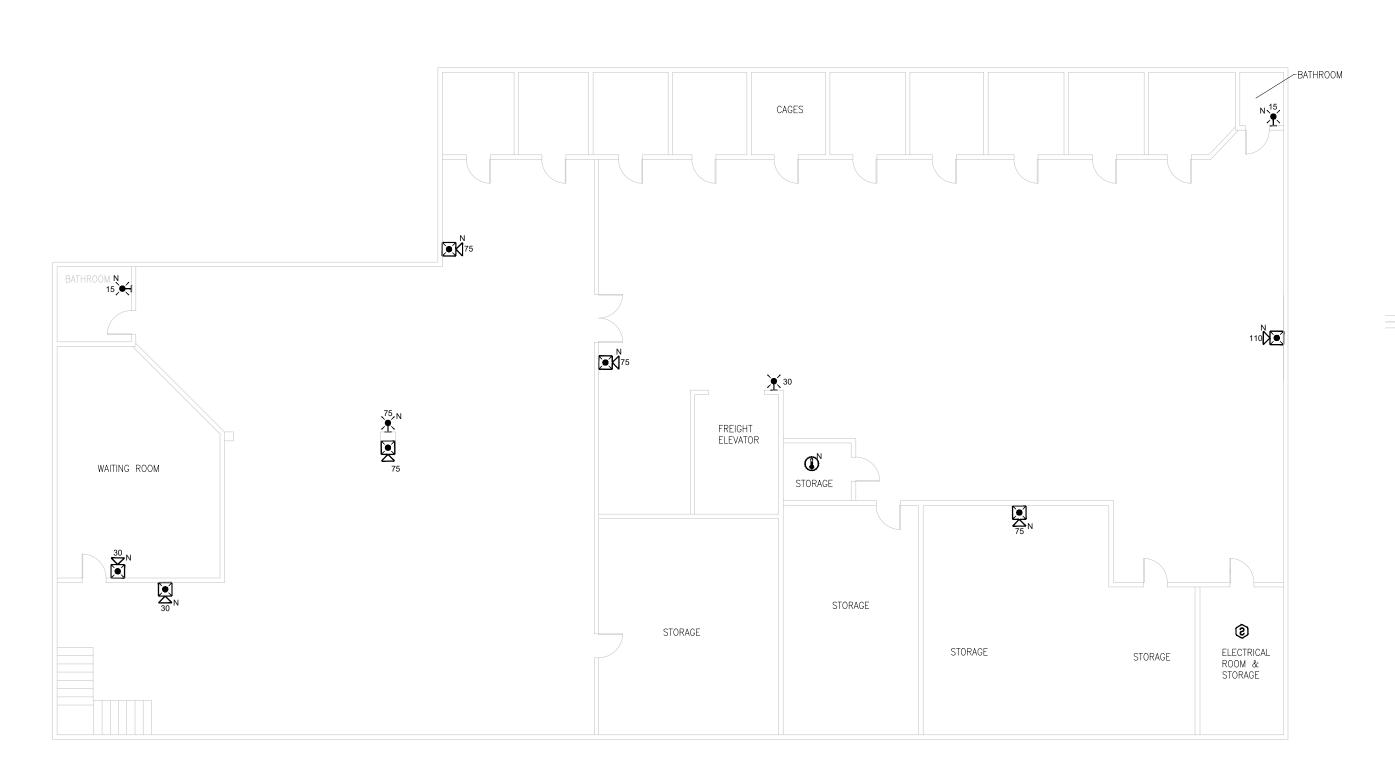
FA-604-2

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NORTH





LAUNDRY BUILDING - FIRST FLOOR FIRE ALARM PLAN

SCALE: 3/32" = 1'-0"

2 LAUNDRY BUILDING - SECOND FLOOR FIRE ALARM PLAN
SCALE: 3/32" = 1'-0"



KEY NOTES FOR LAUNDRY BUILDING:

MAINTENANCE BUILDING

BUILDING

BUCHANAN BUILDING

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 STROBE NOTIFICATION DEVICE REPLACED WITH HORN/STROBE DUE TO AMBIENT SOUND LEVEL

STATE OF MISSOURI MIKE KEHOE, GOVERNOR



PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)
0 5' 10' 20'

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PROJECT # C232501 SITE # 7012 ASSET # 9327012063

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DATE:

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ISSUE DATE:

PARK BUILDING

LAUNDRY

BUILDING

EDUCATION
BUILDING

BUILDING

KEY PLAN

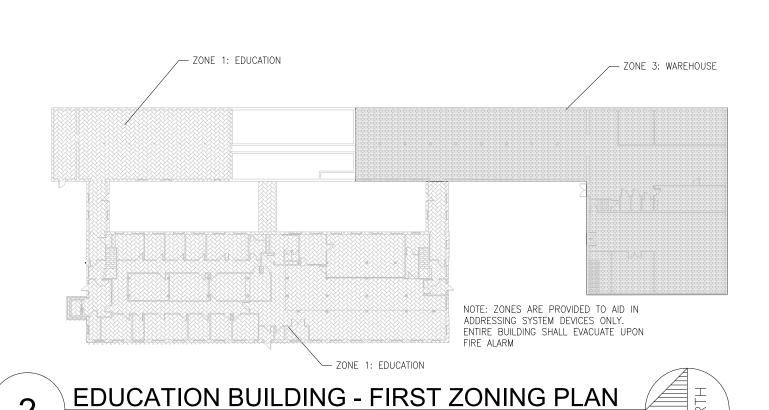
PROPERTY
STORAGE
BUILDING

CAD DWG FILE: FSC
DRAWN BY: DD/SS
CHECKED BY: JMA
DESIGNED BY: FSC

SHEET TITLE:

LAUNDRY BUILDING FIRST FLOOR FIRE ALARM PLAN

SHEET NUMBER: FA-700



KEY NOTES FOR EDUCATION BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.
- 2 REPLACE EXISTING FACU WITH NEW FACU TO BE SLAVE PANEL TO MAIN PANEL LOCATED IN E120. PROVIDE **EQUIPMENT AND CONNECTIONS** REQUIRED TO COMBINE BUILDING INTO SINGLE FIRE ALARM SYSTEM THAT WILL EVACUATE THE ENTIRE BUILDING UPON ALARM. ALTERNATIVELY CONTRACTOR MAY OPT TO PROVIDE AN ANNUNCIATOR PANEL IN LIEU OF A CONTROL PANEL IN THIS LOCATION.

GENERAL NOTES:

KEY PLAN

1. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND SHUNT TRIP FUNCTIONS.



STATE OF MISSOURI MIKE KEHOE,

GOVERNOR

PROFESSIONAL SEAL



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SCALE: 3/32"=1'-0" (IN FEET)

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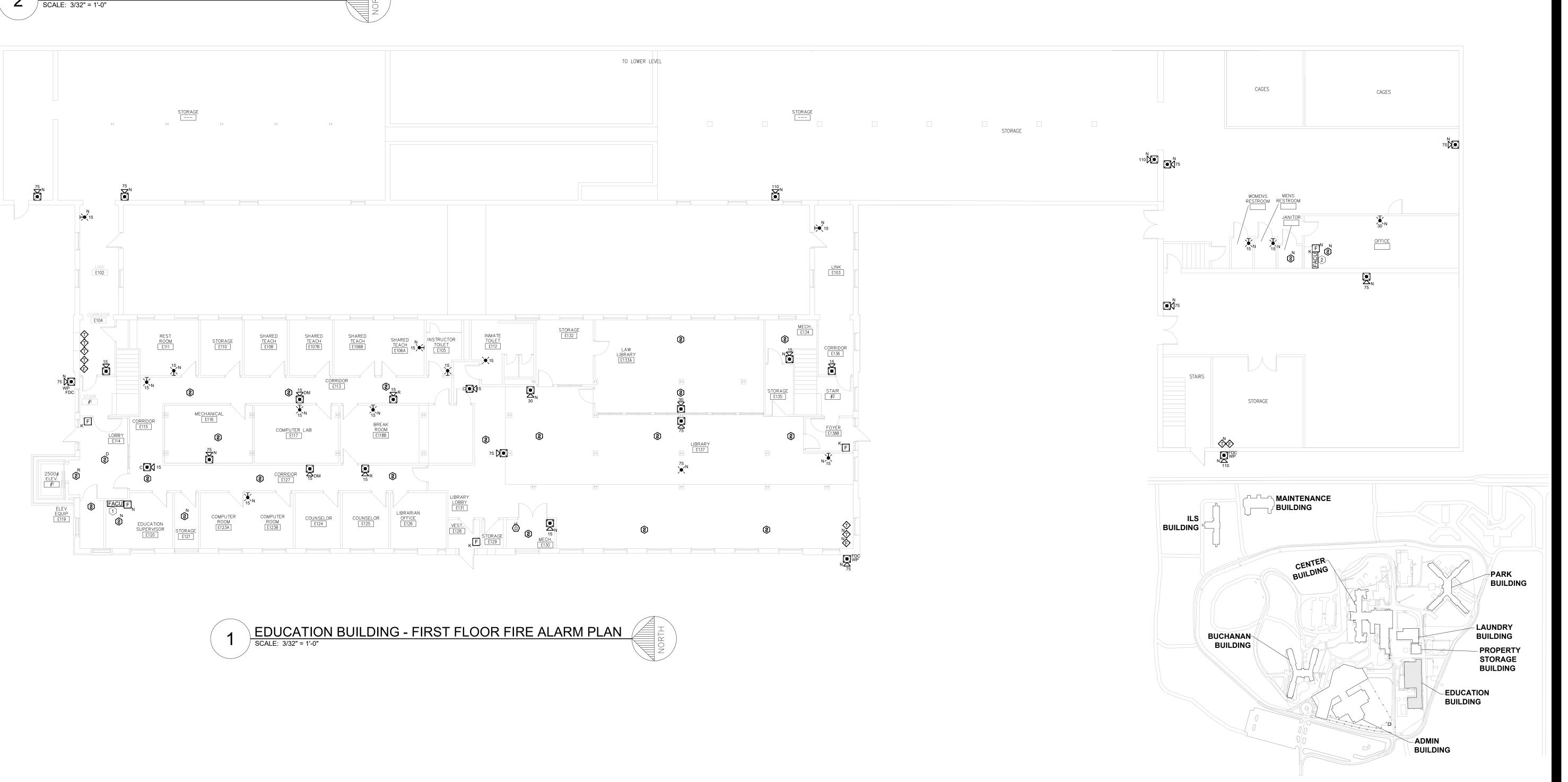
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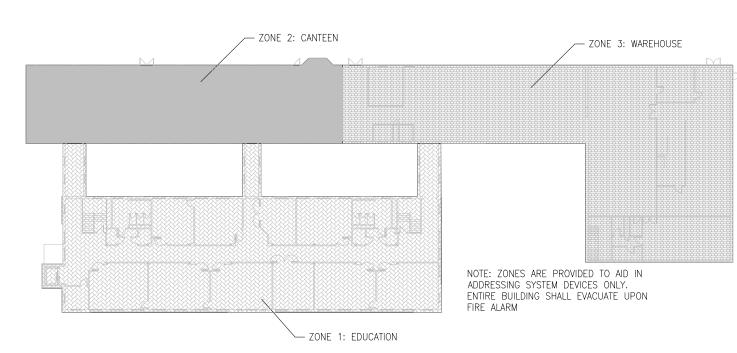
CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

EDUCATION BUILDING FIRST FLOOR FIRE ALARM PLAN

SHEET NUMBER: FA-800





EDUCATION BUILDING - SECOND FLOOR ZONING PLAN
SCALE: 3/32" = 1'-0"

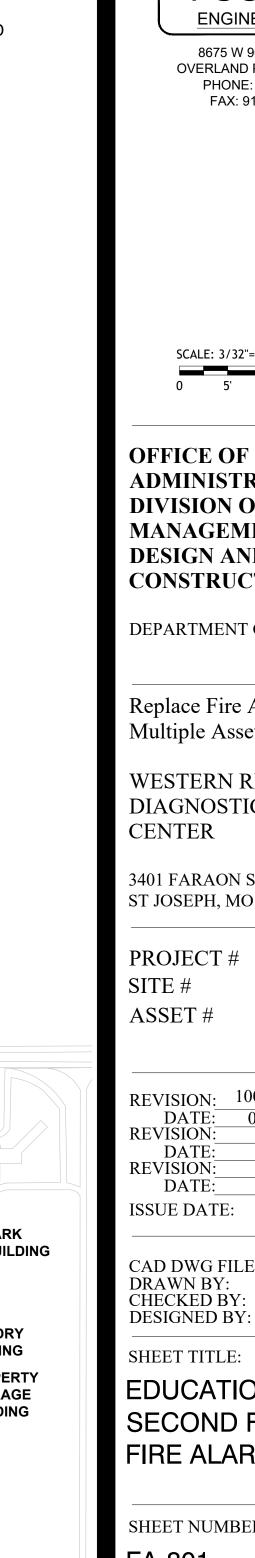
KEY NOTES FOR EDUCATION BUILDING:

2 REPLACE EXISTING FACU WITH NEW FACU TO BE SLAVE PANEL TO MAIN PANEL LOCATED IN E120. PROVIDE **EQUIPMENT AND CONNECTIONS** REQUIRED TO COMBINE BUILDING INTO SINGLE FIRE ALARM SYSTEM THAT WILL EVACUATE THE ENTIRE BUILDING UPON ALARM. ALTERNATIVELY CONTRACTOR MAY OPT TO PROVIDE AN ANNUNCIATOR PANEL IN LIEU OF A CONTROL PANEL IN THIS LOCATION.

GENERAL NOTES:

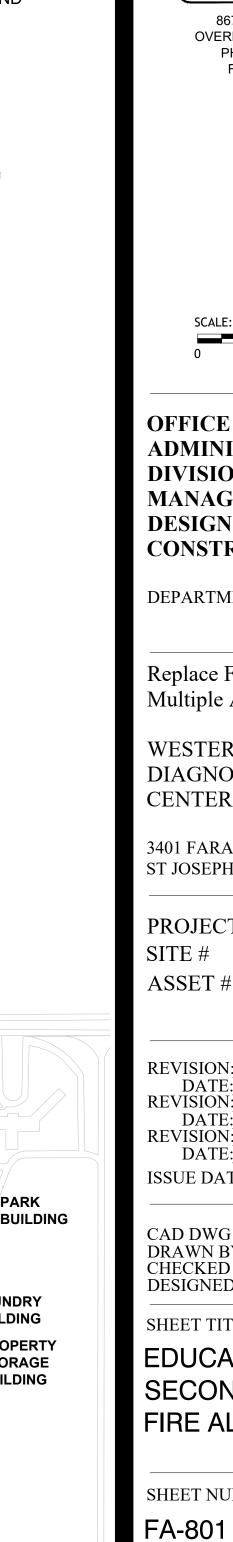
KEY PLAN

1. PROVIDE EQUIPMENT AND CONNECTIONS NECESSARY TO MAINTAIN ELEVATOR RECALL AND



1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY.

SHUNT TRIP FUNCTIONS.



PE-2020010419 PROFESSIONAL SEAL

STATE OF MISSOURI MIKE KEHOE,

GOVERNOR



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SCALE: 3/32"=1'-0" (IN FEET)

ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND** CONSTRUCTION

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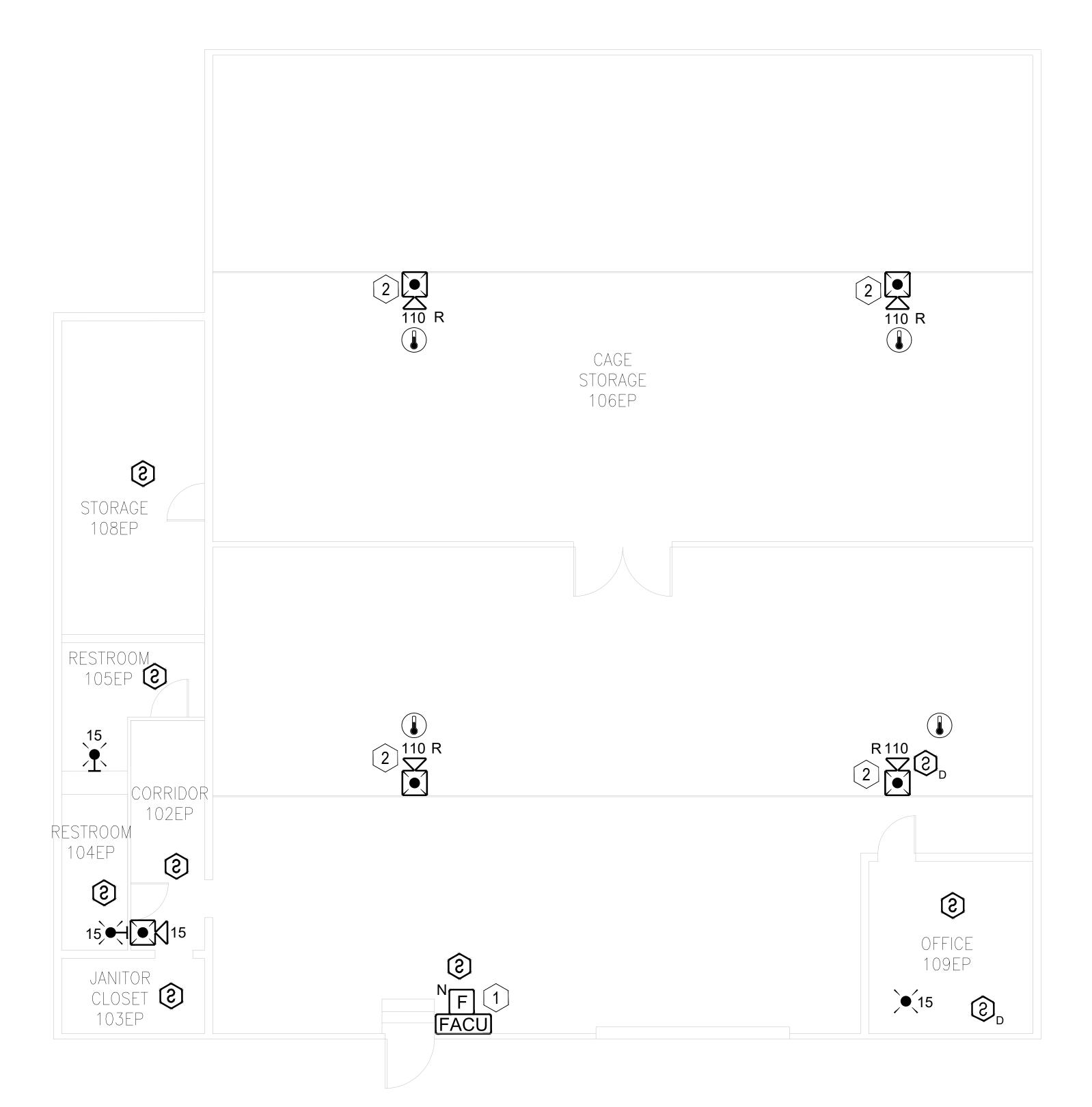
CAD DWG FILE: DRAWN BY: CHECKED BY: **DESIGNED BY:**

SHEET TITLE:

EDUCATION BUILDING SECOND FLOOR FIRE ALARM PLAN

SHEET NUMBER:





PROPERTY STORAGE BUILDING - FIRST FLOOR FIRE ALARM PLAN SCALE: 1/8" = 1'-0"

KEY NOTES FOR PROPERTY BUILDING:

- 1 LOCATION OF FACU. FACU SHALL BE CONNECTED TO FIBER LOOP FOR NETWORK CONNECTIVITY. EXISTING FIRE ALARM SYSTEM IS FUNCTIONING (HONEYWELL BY NOTIFIER); COORDINATE WITH FACILITIES FOR FIRE WATCH IF NECESSARY. EXISTING PANEL IS TO BE REPLACED WITH A NEW POTTER PANEL FOR CONSISTENCY THROUGHOUT THE CAMPUS.
- (2) CEILING MOUNTED DEVICES MOUNTED AS WALL MOUNTED DEVICES ON STRUCTURE. DEVICES ARE TO BE RELOCATED TO MEET MANUFACTURER INSTALLATION AND NFPA 72 REQUIREMENTS.

GENERAL NOTES:

1. PROPERTY BUILDING IS NOT SPRINKLER PROTECTED. FIRE DETECTION IS TO BE PROVIDED THROUGHOUT.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



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SHEET TITLE:

PROPERTY BUILDING FIRE ALARM PLAN

SHEET NUMBER: FA-900

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